BENT BARS

MARK	NO.	SIZE & LGTH.		WEIGHT	A	B	C	D	E	F	G	J	K	H	R	O	SHAPE

"GALVANIZED"

STRAIGHT BARS

MARK	NO.	SIZE & LGTH.		WEIGHT	MARK	NO.	SIZE & LGTH.		WEIGHT	MARK	NO.	SIZE & LGTH.		WEIGHT
SC503T	1	5	16-7	17	SC503T	1	5	13-10	14					
			16-6	17				13-8	14					
			16-5	17				13-7	14					
			16-4	17				13-6	14					
			16-2	17				13-5	14					
			16-1	17				13-3	14					
			16-0	17				13-2	14					
			15-11	17				13-1	14	BARS	MARKED	SC503B		
			15-9	16				13-0	14	ARE	BOTTOM	STEEL		
			15-8	16				12-10	13					
			15-7	16				12-9	13	BARS	MARKED	SC503T		
			15-6	16				12-8	13	ARE	TOP	STEEL		
			15-4	16				12-7	13					
			15-3	16				12-5	13					
			15-2	16				12-4	13					
			15-1	16				12-3	13					
			14-11	16				12-2	13					
			14-10	15				12-0	13					
			14-9	15				11-11	12					
			14-8	15				11-10	12					
			14-6	15				11-9	12					
			14-5	15				11-7	12					
			14-4	15				11-6	12					
			14-3	15				11-5	12					
			14-1	15				11-4	12					
			14-0	15	SC503T	1	5	11-2	12					
SC503T	1	5	13-11	15					769.					

REINFORCING ASTM 615 GRADE 60

TOTAL WEIGHT 161,109.

DATE SHIPPED:

SHIPPED BY:

RECEIVED BY:

PROJ. NO. 1-95-1(22)16

APPROVED

DRAWN	11-24-69	H.T.C.
REVISION		
REVISION		
REVISION		

N.H. DECK N.B. STA. 541+55 TO 538+33

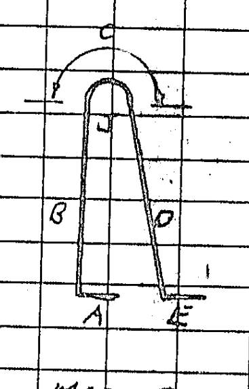
Bancroft & Martin Inc.
South Portland 7, Maine

I-95 BRIDGE OVER PISCATAQUA RIVER
N. H. APPROACH; PORTSMOUTH, NEW HAMPSHIRE

CUSTOMER CIANCHETTE BROTHERS
DESIGNER HARDESTY & HANOVER
ORDER
DWG. 69-484-R1N
SHEET 2 OF 2

BENT BARS

MARK	NO.	SIZE & LGTH.		WEIGHT	A	B	C	D	E	F	G	J	K	H	R	O	SHAPE
SC600	636	L6	52-1	49753	4	51-9											
SC400	322	B4	7-4	1577	4	3-2	4	3-2	4			3		4		See	SKETCH
SC401	418	SL4	4-5	1233	4	1-5	11	1-5	1		4						
				2810													



MARK SC400

STRAIGHT BARS

MARK	NO	SIZE & LGTH.		WEIGHT	MARK	NO	SIZE & LGTH		WEIGHT	MARK	NO	SIZE & LGTH		WEIGHT
SC601	636	6	51-8	49354	SC503B	1	5	15-5	[illegible]	SC503B	1	5	13-2	[illegible]
						1		15-4	16		1		13-1	[illegible]
SC500	1255	5	40-0	[illegible]		2		15-3	32		2		13-0	[illegible]
SC505	90		18-11	1776		1		15-2	16		1		12-11	[illegible]
WC509	30		18-7	[illegible]		1		15-1	16		1		12-10	[illegible]
MC504	6		16-7	104		1		15-0	16		1		12-9	13
MC506	6		16-6	103		1		14-11	16		1		12-8	13
WC570	2		16-4	34		1		14-10	15		1		12-7	13
WC571	2	5	15-10	33		2		14-9	31		2		12-6	26
				54990		1		14-8	15		1		12-5	13
"GALVANIZED"						1		14-7	15		1		12-4	13
SC501	53	5	40-0	2211		2		14-6	30		2		12-3	26
SC503B	1		16-8	17		1		14-5	15		1		12-2	[illegible]
	1		16-7	17		1		14-4	15		1		12-1	[illegible]
	2		16-6	34		2		14-3	30		1		12-0	[illegible]
	1		16-5	17		1		14-2	15		1		11-11	12
	1		16-4	17		1		14-1	15		1		11-10	12
	2		16-3	34		2		14-0	29		2		11-9	25
	1		16-2	17		1		13-11	15		1		11-8	12
	1		16-1	17		1		13-10	14		1		11-7	12
	2		16-0	33		2		13-9	29		2		11-6	24
	1		15-11	17		1		13-8	14		1		11-5	12
	1		15-10	17		1		13-7	14		1		11-4	12
	1		15-9	16		1		13-6	14		2		11-3	24
	1		15-8	16		1		13-5	14	SC503B	1	5	11-2	12
	1		15-7	16		1		13-4	14					3431.
SC503B	2	5	15-6	32	SC503B	2	5	13-3	28					

REINFORCING ASTM 615 GRADE 60

TOTAL WEIGHT

DATE SHIPPED:

SHIPPED BY:

RECEIVED BY:

PROJ. NO. 1-95-1(22)16

APPROVED

DRAWN	11-24-69	H.T.C.
REVISION		
REVISION		
REVISION		

N.H. DECK N.B. STA. 541+55 TO 538+33

Bancroft & Martin Inc.
South Portland 7, Maine

I-95 BRIDGE OVER PISCATAQUA RIVER
N. H. APPROACH; PORTSMOUTH, NEW HAMPSHIRE

CUSTOMER CIANCHETTE BROTHERS
DESIGNER HARDESTY & HANOVER
ORDER
DWG. 69-484-R1N
SHEET 1 OF 2

BENT BARS

MARK	NO.	SIZE & LGTH.		WEIGHT	A	B	C	D	E	F	G	J	K	H	R	O	SHAPE

STRAIGHT BARS

MARK	NO.	SIZE & LGTH.		WEIGHT	MARK	NO.	SIZE & LGTH.		WEIGHT	MARK	NO.	SIZE & LGTH.		WEIGHT
SD502B	1	5	26-7	28	SD502	1	5	[illegible]	33	SD502T	1	5	27-6	29
			26-6	28				[illegible]	33				27-4	29
			26-5	28				[illegible]	33				27-2	28
			26-4	27				[illegible]	32				27-0	28
			26-3	27				[illegible]	32				26-10	28
			26-1	27				[illegible]	32				26-8	28
			26-0	27				[illegible]	32				26-6	28
			25-11	27				30-6	32				26-5	28
			25-10	27				[illegible]	32				[illegible]	27
			25-9	27				[illegible]	31				[illegible]	27
			25-8	27				[illegible]	31				[illegible]	27
			25-6	27				[illegible]	31				[illegible]	27
			25-5	27				[illegible]	31				[illegible]	27
			25-4	26				[illegible]	31				[illegible]	27
			25-3	26				[illegible]	31				[illegible]	26
			25-2	26				[illegible]	31				[illegible]	26
			25-1	26				[illegible]	30	SD502T	1	5	[illegible]	26
SD502B	1	5	25-0	26				[illegible]	[illegible]					67529
SD502T	1	5	33-0	34										
			[illegible]	34						BARS	MARKED	SD502B		
			[illegible]	34						ARE	BOTTOM	STEEL		
			[illegible]	34										
			[illegible]	34						BARS	MARKED	SD502T		
			[illegible]	34						ARE	TOP	STEEL		
			[illegible]	33										
			[illegible]	33										
SD502T	1	5	[illegible]	33	[illegible]									

REINFORCING ASTM 615 GRADE 60

TOTAL WEIGHT 188,950

DATE SHIPPED:

SHIPPED BY:

RECEIVED BY:

PROJ. NO. 1-95-1(22)16

APPROVED

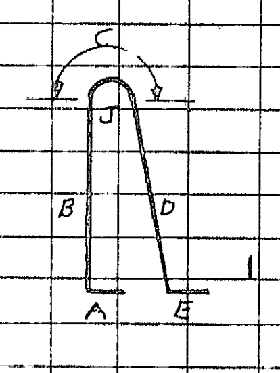
DRAWN	11-24-69	H.T.C.
REVISION		
REVISION		
REVISION		

[illegible]

CUSTOMER [illegible]
DESIGNER [illegible]
ORDER
DWG. [illegible]

BENT BARS

MARK	NO.	SIZE & LGTH.		WEIGHT	A	B	C	D	E	F	G	J	K	H	R	O	SHAPE
SD602	56	L6	52-7	4423	4	52-3											
	57		52-6	4495		52-2											
	56		52-5	4409		52-1											
	57		52-4	4480		52-0											
	56		52-3	4395		51-11											
	57		52-2	4466		51-10											
SD602	56		52-1	4381		51-9											
SD600	360	L6	52-1	28162	4	51-9											
				59211													
SD400	378	B4	7-4	1852	4	3-2	4	3-2	4			3		4		See	SKETCH
SD401	498	SL4	4-5	1469	4	1-5	11	1-5	4								
				3321													



MARK SD400

STRAIGHT BARS

MARK	NO	SIZE & LGTH.		WEIGHT	MARK	NO	SIZE & LGTH		WEIGHT	MARK	NO.	SIZE & LGTH		WEIGHT
SD603	56	6	52-3	4395	SD502B	1	5	31-10	[illegible]	SD502B	1	5	29-3	31
	57		52-2	4466				31-9	33				29-2	30
	56		52-1	4381				31-8	33				29-0	30
	57		52-0	4452				31-7	33				28-11	30
	56		51-11	4367				31-6	33				28-10	30
	57		51-10	4438				31-4	33				28-9	30
SD603	56		51-9	4353				31-3	33				28-8	30
SD601	360	6	51-8	27937				31-2	33				28-7	30
				58789				31-1	32				28-5	30
								31-0	32				28-4	30
SD500	1445	5	40-0	60285				30-11	32				28-3	29
MD504	108		18-11	2131				30-9	32				28-2	29
MD508	36		18-6	695				30-8	32				28-1	29
MD505	12		16-8	209				30-7	32				28-0	29
MD507	4	5	16-3	68				30-6	32				27-10	29
SD502B	1	5	33-0	34				30-5	32				27-9	29
			32-11	34				30-4	32				27-8	29
			32-10	34				30-2	31				27-7	29
			32-9	34				30-1	31				27-6	29
			32-8	34				30-0	31				27-5	29
			32-6	34				29-11	31				27-3	28
			32-5	34				29-10	31				27-2	28
			32-4	34				29-9	31				27-1	28
			32-3	34				29-7	31				27-0	28
			32-2	34				29-6	31				26-11	28
			32-1	33				29-5	31				26-10	28
SD502B	1	5	31-11	33	SD502B	1	5	29-4	31	SD502B	1	5	26-8	28

REINFORCING ASTM 615 GRADE 60

TOTAL WEIGHT

DATE SHIPPED:

SHIPPED BY:

RECEIVED BY:

PROJ. NO. 1-95-1(22)16

APPROVED

DRAWN	11-24-69	H.T.C.
REVISION		
REVISION		
REVISION		

N.H. DECK N.B. STA. 538+33 TO 534+50

Bancroft & Martin Inc.
South Portland 7, Maine

I-95 BRIDGE OVER PISCATAQUA RIVER
N. H. APPROACH; PORTSMOUTH, NEW HAMPSHIRE

CUSTOMER CIANCHETTE BROTHERS
DESIGNER HARDESTY & HANOVER
ORDER
DWG. 69-484-R2N
SHEET 1 OF 2

114 -

BENT BARS

2 OF 2

ITEM	NO	MARK	WEIGHT	A	B	C	D	E	F	G	J	K	H	N		SHAPE
1	4	U6 17-0½	102	1-0	15-0½	1-0				AC602-		16				⊔
2	4	17-1	103		15-1							17				
3	4	17-1½	103		15-1½							18				
4	4	17-2	103		15-2							19				
5	2	17-2½	52		15-2½							20				
6	4	17-3	104		15-3							21				
7	4	17-3½	104		15-3½							22				
8	4	17-4	104		15-4							23				
9	4	17-4½	104		15-4½							24				
10	4	17-5	105		15-5							25				
11	4	17-5½	105		15-5½							26				
12	4	17-6	105		15-6							27				
13	2	17-6½	53		15-6½							28				
14	4	17-7	106		15-7							29				
15	4	17-7½	106		15-7½							30				
16	4	17-8	106		15-8							31				
17	4	17-8½	106		15-8½							32				
18	4	17-9	107		15-9							33				
19	4	17-9½	107		15-9½							34				
20	4	17-10	107		15-10							35				
21	2	17-10½	54		15-10½							36				
22	4	17-11	108		15-11							37				
23	4	17-11½	108		15-11½							38				
24	4	U6 18-0	108	1-0	16-0	1-0				AC602-		39				⊔
25	20	U6 29-6	886	9-0	11-6	9-0				AF603						⊔
26	10	U6 18-0	270	1-0	16-0	1-0				AF604						⊔
27			17632													
28																
29	26	U8 17-2	1192	1-6	14-2	1-6				AC801						⊔
30	90	U8 11-0	2643	1-6	8-0	1-6				AF802						⊔
31	90	U8 10-8	2563	1-6	7-8	1-6				AF801						⊔
32			6398													
33																
34	84	L18 83-0	94819	2-9	80-3	GRADE				AF1802						└
35	42	L18 83-0	47410	2-9	80-3	A431				AF1804						└
36	42	L18 68-0	38842	2-9	65-3					AF1803						└
37			181071													
38																
39																
40																
41																
42																

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1	176	18 44-4	106115	28	AF1801	GRADE A431		55			
2				29				56			
3	90	14 44-4	30523	30	AF1401	GRADE A431		57			
4				31				58			
5	16	8 44-3	1890	32	AF803			59			
6				33				60			
7				34				61			
8				35				62			
9				36				63			
10				37				64			
11				38				65			
12				39				66			
13				40				67			
14				41				68			
15				42				69			
16				43				70			
17				44				71			
18				45				72			
19				46				73			
20				47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

TOTAL WEIGHT 343,629

DATE SHIPPED

SHIPPED BY

RECEIVED BY

REF. DWG. NO. I95-1(22)16

APPROVED

DRAWN	9-2[illegible]-68	RCS
REVISION		
REVISION		
REVISION		

PIER-SOUTH MAIN "A" COLUMN

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER CIANCHETTE BROS.
DESIGNER NHSHC + MSHC
ORDER
DWG. 68-142
2 OF 2

BENT BARS

1 OF 2

ITEM	NO	MARK	WEIGHT	A	B	C	D	E	F	G	J	K	H	N		SHAPE
1	[illegible]	[illegible]	[illegible]	9-0	[illegible]	9-0				AC60[illegible]		[illegible]				⊔
2	12	[illegible]	513		[illegible]							[illegible]				
3	8	[illegible]	342		10-6							[illegible]				
4	12	28-6½	514		10-6½							4				
5	[illegible]	28-7	515		10-7							5				
6	8	28-7½	344		10-7½							6				
7	12	28-8	517		10-8							7				
8	12	28-8½	517		10-8½							8				
9	8	28-9	345		10-9							9				
10	12	28-9½	519		10-9½							10				
11	12	28-10	520		10-10							11				
12	8	28-10½	347		10-10½							12				
13	12	28-11	521		10-11							13				
14	12	28-11½	522		10-11½							14				
15	8	29-0	348		11-0							15				
16	12	29-0½	523		11-0½							16				
17	12	29-1	524		11-1							17				
18	8	29-1½	350		11-1½							18				
19	12	29-2	526		11-2							19				
20	12	29-2½	526		11-2½							20				
21	8	29-3	351		11-3							21				
22	12	29-3½	528		11-3½							22				
23	12	29-4	529		11-4							23				
24	8	29-4½	353		11-4½							24				
25	12	29-5	530		11-5							25				
26	12	29-5½	531		11-5½							26				
27	12	U6 29-6	532	9-0	11-6	9-0				AC601-		27				⊔
28	4	U6 16-5	99	1-0	14-5	1-0				AC602-		1				⊔
29	4	16-5½	99		14-5½							2				
30	4	16-6	99		14-6							3				
31	2	16-6½	50		14-6½							4				
32	4	16-7	100		14-7							5				
33	4	16-7½	100		14-7½							6				
34	4	16-8	100		14-8							7				
35	4	16-8½	100		14-8½							8				
36	4	16-9	101		14-9							9				
37	4	16-9½	101		14-9½							10				
38	4	16-10	101		14-10							11				
39	2	16-10½	51		14-10½							12				
40	4	16-11	102		14-11							13				
41	4	16-11½	102		14-11½							14				
42	4	U6 17-0	102	1-0	15-0	1-0				AC602-		[illegible]				⊔

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1				28				55			
2				29				56			
3				30				57			
4				31				58			
5				32				59			
6				33				60			
7				34				61			
8				35				62			
9				36				63			
10				37				64			
11				38				65			
12				39				66			
13				40				67			
14				41				68			
15				42				69			
16				43				70			
17				44				71			
18				45				72			
19				46				73			
20				47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

TOTAL WEIGHT

DATE SHIPPED:

SHIPPED BY:

RECEIVED BY:

REF. DWG. NO. I95-1(22)16

APPROVED

DRAWN	9-24-68	RCS
REVISION		
REVISION		
REVISION		

PIER-SOUTH MAIN-"A" COLUMN

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER CIANCHETTE BROS.
DESIGNER NHSHC + MSHC
ORDER
DWG. 68-142
1 OF 2

BENT BARS

BENDING DIMENSIONS ARE OUTSIDE EXCEPT "A" & "G"

MARK	NO.	SIZE & LGTH.	WEIGHT	A	B	C	D	E	F	G	J	K	H	R	O	SHAPE

"GALVANIZED"

STRAIGHT BARS

MARK	NO	SIZE & LGTH		WEIGHT	MARK	NO	SIZE & LGTH.		WEIGHT	MARK	NO.	SIZE & LGTH.	WEIGHT
SC502T	1	5	22-1	23	SC502T	1	5	19-4	20				
			22-0	23				19-2	20				
			21-11	23				19-1	20				
			21-10	23				19-0	20				
			21-8	23				18-11	20				
			21-7	23				18-9	20				
			21-6	22				18-8	19				
			21-5	22				18-7	19				
			21-3	22				18-6	19	BARS MARKED SC502B			
			21-2	22				18-4	19	ARE BOTTOM STEEL			
			21-1	22				18-3	19				
			21-0	22				18-2	19	BARS MARKED SC502T			
			20-10	22				18-1	19	ARE TOP STEEL			
			20-9	22				17-11	19				
			20-8	22				17-10	19				
			20-7	21				17-9	19				
			20-5	21				17-8	18				
			20-4	21				17-6	18				
			20-3	21				17-5	18				
			20-2	21				17-4	18				
			20-0	21				17-3	18				
			19-11	21				17-1	18				
			19-10	21				17-0	18				
			19-9	21				16-11	18				
			19-7	20				16-10	18				
			19-6	20	SC502T	1	5	16-8	17				
SC502T	1	5	19-5	20					1074				

REINFORCING ASTM 615 GRADE 60

TOTAL WEIGHT 162,738.

DATE SHIPPED

SHIPPED BY:

RECEIVED BY:

~~REF. DWG.~~ NO. I-95-1(22)16

APPROVED

DRAWN	11-24-69	H.T.O.
REVISION		
REVISION		
REVISION		

N.H. DECK S.B STA 541+55 TO 538+33

Bancroft & Martin Inc.
South Portland 7, Maine

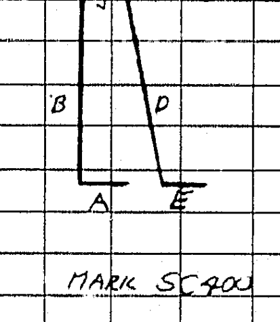
I-95 BRIDGE OVER PISCATAQUA RIVER
N. H. APPROACH; PORTSMOUTH, NEW HAMPSHIRE

CUSTOMER CIANCHETTE BROTHERS
DESIGNER HARDESTY & HANOVER
ORDER
DWG. 69-484-RIS
SHEET 2 OF 2

BENT BARS

BENDING DIMENSIONS ARE OUTSIDE EXCEPT "A" & "G"

MARK	NO.	SIZE & LGTH.		WEIGHT	A	B	C	D	E	F	G	J	K	H	R	O	SHAPE
SC600	636	L6	52-1	49753	4	51-9											└
SC400	322	B4	7-4	1577	4	3-2	4	3-2	4			3		4			SEE SKETCH
SC401	418	SL4	4-5	1233	4	1-5	11	1-5			4						⊔
				2810													



MARK SC400

STRAIGHT BARS

MARK	NO.	SIZE & LGTH		WEIGHT	MARK	NO.	SIZE & LGTH.		WEIGHT	MARK	NO.	SIZE & LGTH.		WEIGHT
SC601	647	6	51-8	50210	SC502B	1	5	20-11	22	SC502B	1	5	18-8	19
						1		20-10	22		1		18-7	19
						2		20-9	43		2		18-6	39
SC500	1255	5	40-0	52359		1		20-8	22		1		18-5	19
WC507	30		19-2	600		1		20-7	21		1		18-4	19
MC505	90		18-11	1776		1		20-6	21		1		18-3	19
WC508	4		17-2	72		1		20-5	21		1		18-2	19
MC504	4		16-7	69		1		20-4	21		1		18-1	19
MC506	6	5	16-6	103		2		20-3	42		2		18-0	38
				54979		1		20-2	21		1		17-[illegible]	19
"GALVANIZED"						1		20-1	21		1		17-1[illegible]	19
SC501	53	5	40-0	2211		2		20-0	42		2		17-[illegible]	37
SC502B	1		22-2	23		1		19-11	21		1		17-[illegible]	18
	1		22-1	23		1		19-10	21		1		17-[illegible]	18
	2		22-0	46		2		19-9	41		1		17-6	18
	1		21-11	23		1		19-8	21		1		17-5	18
	1		21-10	23		1		19-7	20		1		17-4	18
	2		21-9	45		2		19-6	41		2		17-[illegible]	36
	1		21-8	23		1		19-5	20		1		17-[illegible]	18
	1		21-7	23		1		19-4	20		1		17-[illegible]	18
	2		21-6	45		2		19-3	40		2		17-[illegible]	[illegible]
	1		21-5	22		1		19-2	20		1		[illegible]	18
	1		21-4	22		1		19-1	20		1		[illegible]	18
	1		21-3	22		1		19-0	20		2		[illegible]	35
	1		21-2	22		1		18-11	20	SC502B	1	5	16-[illegible]	17
	1		21-1	22		1		18-10	20					3717
SC502B	2	5	21-0	[illegible]	SC502B	2	5	18-9	39					

REINFORCING ASTM 615 GRADE [illegible]

TOTAL WEIGHT

DATE SHIPPED:

SHIPPED BY:

RECEIVED BY:

REF. DWG. NO. 1-95-1(22)16

APPROVED

DRAWN	11-24-69	H.T.O.
REVISION		
REVISION		

N.H. DECK S.B. S[illegible] 541+55 TO [illegible]

Bancroft & Martin Inc.
South Portland 7, Maine

I-95 BRIDGE OVER PISCATAQUA RIVER
N. H. APPROACH: PORTSMOUTH, NEW HAMPSHIRE

CUSTOMER CIANCHETTE BROTHERS
DESIGNER HARDESTY & HANOVER
ORDER
DWG [illegible]-LS

10 Ec SS

BENT BARS 2 OF 2

BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L"

ITEM	NO.	MARK	WEIGHT	A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	4	U6 10-1½	61	1-0	8-1½	1-0				BC602-		18				⊔
2	4	10-2	61.		8-2							19				
3	4	10-2½	61		8-2½							20				
4	2	10-3	31.		8-3							21				
5	4	10-3½	62		8-3½							22				
6	4	10-4	62.		8-4							23				
7	4	10-4½	62.		8-4½							24				
8	4	10-5	63.		8-5							25				
9	4	10-5½	63.		8-5½							26				
10	4	10-6	63.		8-6							27				
11	4	10-6½	63.		8-6½							28				
12	2	10-7	32.		8-7							29				
13	4	10-7½	64.		8-7½							30				
14	4	10-8	64.		8-8							31				
15	4	10-8½	64.		8-8½							32				
16	4	10-9	65.		8-9							33				
17	4	10-9½	65.		8-9½							34				
18	2	10-10	33.		8-10							35				
19	4	10-10½	65		8-10½							36				
20	4	U6 10-11	66.	1-0	8-11	1-0				BC602-		37				⊔
21	24	U6 17-0	613.	5-6	6-0	5-6				BF601						⊔
22	12	U6 10-11	197.	1-0	8-11	1-0				BF602						⊔
23			9755.													
24																
25	64	U8 12-0	2051.	1-6	9-0	1-6				BF803						⊔
26	54	U8 11-9	1694.	1-6	8-9	1-6				BF801						⊔
27	14	U8 10-2	380.	1-6	7-2	1-6				BC801						⊔
28			4125													
29																
30	60	L14 79-6	36491.	2-3	77-3	(GRADE A431)				BF1402						└
31																
32																
33																
34																
35																
36																
37																
38																
39																
40																
41																
42																

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1				28				55			
2				29				56			
3				30				57			
4				31				58			
5				32				59			
6				33				60			
7				34				61			
8				35				62			
9				36				63			
10				37				64			
11				38				65			
12				39				66			
13				40				67			
14				41				68			
15				42				69			
16				43				70			
17				44				71			
18				45				72			
19				46				73			
20				47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

φ TOTAL WEIGHT 67196.

DATE SHIPPED

SHIPPED BY

RECEIVED BY

REF. DWG. NO. I95-1(22)16

APPROVED

DRAWN	9-25-68	RCS
REVISION		
REVISION		
REVISION		

PIER-SOUTH ANCHOR-"A" COLUMN

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER CIANCHETTE BROS.
DESIGNER NHSHC + MSHC

ORDER

DWG. 68-142
2 OF 2

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10 Ec SS

BENT BARS 1 OF 2

BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L"

ITEM	NO.	MARK	WEIGHT	A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	12	U6 16-0	288.	5-6	5-0	5-6				BC601-		1				⊔
2	12	16-0½	289.		5-0½							2				
3	8	16-1	193.		5-1							3				
4	12	16-1½	291.		5-1½							4				
5	12	16-2	291.		5-2							5				
6	12	16-2½	292.		5-2½							6				
7	8	16-3	195.		5-3							7				
8	12	16-3½	294.		5-3½							8				
9	12	16-4	294.		5-4							9				
10	12	16-4½	295.		5-4½							10				
11	8	16-5	197.		5-5							11				
12	12	16-5½	297.		5-5½							12				
13	12	16-6	297.		5-6							13				
14	12	16-6½	298.		5-6½							14				
15	8	16-7	199.		5-7							15				
16	12	16-7½	300.		5-7½							16				
17	12	16-8	300.		5-8							17				
18	12	16-8½	301.		5-8½							18				
19	8	16-9	201.		5-9							19				
20	12	16-9½	303.		5-9½							20				
21	12	16-10	303.		5-10							21				
22	12	16-10½	304.		5-10½							22				
23	8	16-11	203.		5-11							23				
24	12	16-11½	306.		5-11½							24				
25	12	U6 17-0	306.	5-6	6-0	5-6				BC601-		25				⊔
26	4	U6 9-5	57.	1-0	7-5	1-0				BC602-		1				
27	4	9-5½	57.		7-5½							2				
28	4	9-6	57.		7-6							3				
29	4	9-6½	57.		7-6½							4				
30	2	9-7	29.		7-7							5				
31	4	9-7½	58.		7-7½							6				
32	4	9-8	58.		7-8							7				
33	4	9-8½	58.		7-8½							8				
34	4	9-9	59.		7-9							9				
35	4	9-9½	59.		7-9½							10				
36	4	9-10	59.		7-10							11				
37	4	9-10½	59.		7-10½							12				
38	2	9-11	30.		7-11							13				
39	4	9-11½	60.		7-11½							14				
40	4	10-0	60.		8-0							15				
41	4	10-0½	60.		8-0½							16				
42	4	U6 10-1	61.	1-0	8-1	1-0				BC602-		17				⊔

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1	36	11 31-4	5993.	28	BF1101			55			
2	32	11 26-4	4477.	29	BF1102			56			
3			10470.	30				57			
4				31				58			
5	27	9 31-4	2876.	32	BF901			59			
6				33				60			
7	8	8 31-3	668.	34	BF807			61			
8	32	8 26-4	2250.	35	BF805			62			
9	8	8 26-3	561.	36	BF806			63			
10			3479.	37				64			
11				38				65			
12				39				66			
13				40				67			
14				41				68			
15				42				69			
16				43				70			
17				44				71			
18				45				72			
19				46				73			
20				47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

φ TOTAL WEIGHT

DATE SHIPPED

SHIPPED BY

RECEIVED BY

REF. DWG. NO. I95-1(22)16

APPROVED

DRAWN	9-25-68	RCS
[illegible]		
[illegible]		
[illegible]		

PIER-SOUTH ANCHOR-"A" COLUMN

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER CIANCHETTE BROS.
DESIGNER NHSHC + MSHC

ORDER

DWG. 68-142
1 OF [illegible]

19

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10 Ec SS

BENT BARS 2 OF 2

BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L"

ITEM	NO.	MARK	WEIGHT	A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	4	U6 17-4½	104.	1-0	15-4½	1-0				AC604-		24				⊔
2	4	17-5	105.		15-5							25				
3	4	17-5½	105.		15-5½							26				
4	4	17-6	105.		15-6							27				
5	4	17-6½	105.		15-6½							28				
6	4	U6 17-7	106.	1-0	15-7	1-0				AC604-		29				⊔
7	20	U6 29-2	876.	9-0	11-2	9-0				AF601						⊔
8	10	U6 17-7	264.	1-0	15-7	1-0				AF602						⊔
9			13463.													
10																
11	84	L18 64-6	73685	2-9	61-9	} GRADE				AF1805						└
12	84	L18 64-6	73685	2-9	61-9	) A431				AF1806						└
13			147370.													
14																
15	26	U8 17-2	1192.	1-6	14-2	1-6				AC801						└
16	90	U8 11-0	2643.	1-6	8-0	1-6				AF802						⊔
17	90	U8 10-8	2563.	1-6	7-8	1-6				AF801						⊔
18			6398.													
19																
20																
21																
22																
23																
24																
25																
26																
27																
28																
29																
30																
31																
32																
33																
34																
35																
36																
37																
38																
39																
40																
41																
42																

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1	176	18 44-4	106115.	28	AF1801	GRADE	A431	55			
2				29				56			
3	90	14 44-4	30523.	30	AF1401	GRADE	A431	57			
4				31				58			
5	16	8 44-3	1890.	32	AF803			59			
6				33				60			
7				34				61			
8				35				62			
9				36				63			
10				37				64			
11				38				65			
12				39				66			
13				40				67			
14				41				68			
15				42				69			
16				43				70			
17				44				71			
18				45				72			
19				46				73			
20				47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

φ TOTAL WEIGHT 305,759.

DATE SHIPPED

SHIPPED BY:

RECEIVED BY:

REF. DWG. NO. I95-1(22)16

APPROVED

DRAWN	9-24-68	RCS
REVISION		
REVISION		
REVISION		

PIER-SOUTH MAIN-"B" COLUMN

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER CIANCHETTE BROS.
DESIGNER NHSHC + MSHC

ORDER

DWG.
2 OF 2

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10 EC SS

BENT BARS 1 OF 2

BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L"

ITEM	NO	MARK	WEIGHT	A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	12	U6 28-5	512.	9-0	10-5	9-0				AC603-		1				⊔
2	12	28-5½	513.		10-5½							2				
3	12	28-6	514		10-6							3				
4	12	28-6½	514.		10-6½							4				
5	12	28-7	515.		10-7							5				
6	8	28-7½	344.		10-7½							6				
7	12	28-8	517.		10-8							7				
8	12	28-8½	517.		10-8½							8				
9	12	28-9	518		10-9							9				
10	12	28-9½	519.		10-9½							10				
11	12	28-10	520.		10-10							11				
12	8	28-10½	347.		10-10½							12				
13	12	28-11	521.		10-11							13				
14	12	28-11½	522.		10-11½							14				
15	12	29-0	523.		11-0							15				
16	12	29-0½	523.		11-0½							16				
17	12	29-1	524.		11-1							17				
18	12	29-1½	525.		11-1½							18				
19	12	U6 29-2	526.	9-0	11-2	9-0				AC603-		19				⊔
20	4	U6 16-5	99.	1-0	14-5	1-0				AC604-		1				
21	4	16-5½	99.		14-5½							2				
22	4	16-6	99.		14-6							3				
23	4	16-6½	99.		14-6½							4				
24	4	16-7	100.		14-7							5				
25	4	16-7½	100.		14-7½							6				
26	2	16-8	50.		14-8							7				
27	4	16-8½	100.		14-8½							8				
28	4	16-9	101.		14-9							9				
29	4	16-9½	101.		14-9½							10				
30	4	16-10	101.		14-10							11				
31	4	16-10½	101.		14-10½							12				
32	4	16-11	102.		14-11							13				
33	2	16-11½	51.		14-11½							14				
34	4	17-0	102.		15-0							15				
35	4	17-0½	102.		15-0½							16				
36	4	17-1	103.		15-1							17				
37	4	17-1½	103.		15-1½							18				
38	4	17-2	103.		15-2							19				
39	4	17-2½	103.		15-2½							20				
40	2	17-3	52.		15-3							21				
41	4	17-3½	104.		15-3½							22				
42	4	U6 17-4	104.	1-0	15-4	1-0				AC604-		23				⊔

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1				28				55			
2				29				56			
3				30				57			
4				31				58			
5				32				59			
6				33				60			
7				34				61			
8				35				62			
9				36				63			
10				37				64			
11				38				65			
12				39				66			
13				40				67			
14				41				68			
15				42				69			
16				43				70			
17				44				71			
18				45				72			
19				46				73			
20				47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

φ TOTAL WEIGHT

DATE SHIPPED

SHIPPED BY:

RECEIVED BY

REF. DWG. NO. I95-1(22)16

APPROVED

DRAWN	9-24-68	RCS
REVISION		
REVISION		
REVISION		

PIER-SOUTH MAIN-"B" COLUMN

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER CIANCHETTE BROS
DESIGNER NHSHC + MSHC

ORDER

DWG. 68-142
1 OF 2

114-140

9 WS'

BENT BARS

BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L"

ITEM	NO	MARK	WEIGHT	A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	12	V11 10-2	648	6-11	3-3					DB	110	6	2-3½			_/
2																
3	480	U6 9-6	6849	3-7	2-4	3-7				DB	600					⊔
4	6	U6 7-0	63	2-4	2-4	2-4				DB	60	1				⊔
5	6	U6 5-6	50	1-7	2-4	1-7				DB	60	2				⊔
6			6962													
7	40	U4 5-4	142	0-8	4-0	0-8				DB	400					⊔

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1	10	11 51-5	2731	28		DB1100		55			
2	10	11 51-2	2719	29		DB1107		56			
3	20	11 39-0	4144	30		DB1104		57			
4	8	11 24-6	1041	31		DB 1103		58			
5	16	11 19-6	1658	32		DB 1101		59			
6	16	11 18-6	1573	33		DB 1102		60			
7	12	11 10-2	648	34		DB 1105		61			
8			14514	35				62			
9	16	6 40-0	961	36		DB603		63			
10	16	6 13-6	324	37		DB604		64			
11			1285	38				65			

Q TOTAL WEIGHT 23,551

DATE SHIPPED

SHIPPED BY

RECEIVED BY

REF. DWG NO I-95-1(22)16

APPROVED

DRAWN 11/12/68 ADL.

REVISION

REVISION

REVISION

PIER CAP 2S

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER CIANCHETTE BROS
DESIGNER NHDPW & MSHC

ORDER

DWG 68 142

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9 SS

BENT BARS

BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L"

ITEM	NO.	MARK	WEIGHT	A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	12	V11 10-2	648	6-11	3-3					[illegible]						
2																
3	480	U6 9-6	6849	3-7	2-4	3-7				CB	600					
4	6	U6 7-0	63	2-4	2-4	2-4				CB	601					
5	6	U6 5-6	50	1-7	2-4	1-7				CB	603					
6			6962													
7																
8	40	U4 5-4	142	0-8	4-0	0-8				[illegible]	400					

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1	20	11 51-4	5455	28		CB1100		55			
2	20	11 39-0	4144	29		CB1104		56			
3	8	11 24-6	1041	30		CB 1103		57			
4	16	11 19-6	1658	31		CB 1101		58			
5	16	11 18-6	1573	32		CB 1102		59			
6	12	11 10-0	638	33		CB 1105		60			
7			14509	34				61			
8				35				62			
9	16	6 40-0	961	36		CB603		63			
10	16	6 13-6	324	37		CB604		64			
11			1285	38				65			

Q TOTAL WEIGHT 23,5[illegible]

DATE SHIPPED

SHIPPED BY

RECEIVED BY

REF. DWG NO I-95-1(22)16

APPROVED

DRAWN 11/12/68 ADL

REVISION

REVISION

REVISION

PIER CAP 1S

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BR[illegible]
KITTERY [illegible]

CUSTOMER CIANCHE[illegible]
DESIGNER NHDPW & [illegible]

ORDER

DWG [illegible]

---

10 ES

BENT BARS 2 OF 2

BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L"

ITEM	NO.	MARK	WEIGHT	A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	4	U6 10-4½	62.	1-0	8-4½	1-0			BC604-			24				⊔
2	4	10-5	63.		8-5							25				
3	4	10-5½	63.		8-5½							26				
4	4	10-6	63.		8-6							27				
5	2	10-6½	32.		8-6½							28				
6	4	U6 10-7	64	1-0	8-7	1-0			BC604-			29				⊔
7	20	U6 16-9	503	5-6	5-9	5-6			BF603							⊔
8	10	U6 10-11	159	1-0	8-7	1-0			BF604							⊔
9			7343.													
10																
11	80	U8 11-0	2350.	1-6	8-0	1-6			BF 804							⊔
12	54	U8 10-9	1550	1-6	7-9	1-6			BF 802							⊔
13	14	U8 10-2	380.	1-6	7-2	1-6			BC 801							⊔
14			4280.													
15																
16	60	L14 61-6	28229.	2-3	593	(Grade A431)			BF1401							└

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT

Q TOTAL WEIGHT 65,757.

DATE SHIPPED

SHIPPED BY:

RECEIVED BY:

REF. DWG. NO I95-1(22)16

APPROVED:

DRAWN 9-25-68 RCS

REVISION 2-4-69 RCS

REVISION

REVISION

PIER-SOUTH ANCHOR-"B" COLUMN

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER CIANCHETTE BROS.
DESIGNER NHSHC + MSHC

ORDER

DWG 68142
2 OF 2

---

10 EC'S

BENT BARS 1 OF 2

BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L"

ITEM	NO.	MARK	WEIGHT	A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	12	U6 16-0	288.	5-6	5-0	5-6			BC603-		1					⊔
2	8	16-0½	193.		5-0½						2					
3	12	16-1	290.		5-1						3					
4	12	16-1½	291.		5-1½						4					
5	12	16-2	291.		5-2						5					
6	8	16-2½	195.		5-2½						6					
7	12	16-3	293.		5-3						7					
8	12	16-3½	294.		5-3½						8					
9	12	16-4	294.		5-4						9					
10	8	16-4½	197.		5-4½						10					
11	12	16-5	296.		5-5						11					
12	12	16-5½	297.		5-5½						12					
13	12	16-6	297.		5-6						13					
14	8	16-6½	199.		5-6½						14					
15	12	16-7	299.		5-7						15					
16	12	16-7½	300.		5-7½						16					
17	12	16-8	300.		5-8						17					
18	8	16-8½	201.		5-8½						18					
19	12	U6 16-9	302.	5-6	5-9	5-6			BC603-		19					⊔
20	4	U6 9-5	57.	1-0	7-5	1-0			BC604-		1					
21	4	9-5½	57.		7-5½						2					
22	2	9-6	29.		7-6						3					
23	4	9-6½	57.		7-6½						4					
24	4	9-7	58		7-7						5					
25	4	9-7½	58.		7-7½						6					
26	4	9-8	58.		7-8						7					
27	2	9-8½	29.		7-8½						8					
28	4	9-9	59.		7-9						9					
29	4	9-9½	59.		7-9½						10					
30	4	9-10	59.		7-10						11					
31	4	9-10½	59.		7-10½						12					
32	2	9-11	30.		7-11						13					
33	4	9-11½	60.		7-11½						14					
34	4	10-0	60.		8-0						15					
35	4	10-0½	60.		8-0½						16					
36	4	10-1	61.		8-1						17					
37	2	10-1½	30.		8-1½						18					
38	4	10-2	61.		8-2						19					
39	4	10-2½	61.		8-2½						20					
40	4	10-3	62.		8-3						21					
41	4	10-3½	62.		8-3½						22					
42	2	U6 10-4	31.	1-0	8-4	1-0			BC604-		23					⊔

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1	54	11 39-4	11284	28	BF1103			55			
2	40	11 26-4	5596	29	BF1102			56			
3			16880	30				57			
4				31				58			
5	36	9 39-4	4814.	32	BF902			59			
6				33				60			
7	8	8 39-3	838.	34	BF808			61			
8	40	8 26-4	2812	35	BF805			62			
9	8	8 26-3	561.	36	BF806			63			
10			4211.	37				64			

Q TOTAL WEIGHT

DATE SHIPPED

SHIPPED BY

RECEIVED BY

REF. DWG NO I95-1(22)16

APPROVED

DRAWN 9-25-68 RCS

REVISION 2-4-69 RCS

REVISION

REVISION

PIER-SOUTH ANCHOR "B" COLUMN

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER CIANCHETTE BROS.
DESIGNER NHSHC + MSHC

ORDER

DWG. 68142
1 OF 2

BENT BARS

BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L"

ITEM	NO	MARK	WEIGHT	A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	12	VII 10-2	648	6-11	3-3					HB	1106		2-3½			
2																
3	480	U6 9-6	6849	3-7	2-4	3-7				HB	600					
4	6	U6 7-0	63	2-4	2-4	2-4				HB	601					
5	6	U6 5-6	50	1-7	2-4	1-7				HB	602					
6			6962													
7																
8	40	U4 5-4	142	0-8	4-0	0-8				HB	400					
9																
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42																

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1	10	11 51-4	2727	28		HB 1107		55			
2	10	11 51-3	2723	29		HB1100		56			
3	20	11 39-0	4144	30		HB 1104		57			
4	8	11 24-6	1041	31		HB1103		58			
5	16	11 19-6	1658	32		HB1101		59			
6	16	11 18-6	1573	33		HB1102		60			
7	12	11 10-1	643	34		HB1105		61			
8			14509	35				62			
9				36				63			
10	16	6 40-0	961	37		HB603		64			
11	16	6 13-6	324	38		HB604		65			
12			1285	39				66			
13				40				67			
14				41				68			
15				42				69			
16				43				70			
17				44				71			
18				45				72			
19				46				73			
20				47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

Q TOTAL WEIGHT 23,546

DATE SHIPPED

SHIPPED BY

RECEIVED BY

REF. DWG NO I-95-1(22)16
#58 OF 75

APPROVED

DRAWN	11/12/68	A.D.L.
REVISION	2/7/63	A.L.L.
REVISION		
REVISION		

PIER CAP 6S

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER CIANCHETTE BROS
DESIGNER NH D.P.W. & M.S.H.C.

ORDER

DWG. 68 142

BENT BARS

BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L"

ITEM	NO.	MARK	WEIGHT	A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	12	VII 10-2	648	6-11	3-3					GB	1106		2-3½			
2																
3	480	U6 9-6	6849	3-7	2-4	3-7				GB	600					
4	6	U6 7-0	63	2-4	2-4	2-4				GB	601					
5	6	U6 5-6	50	1-7	2-4	1-7				GB	602					
6			6962													
7																
8	40	U4 5-4	142	0-8	4-0	0-8				GB	400					
9																
10																
11																
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40																
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42																

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1	10	11 51-4	2727	28		GB1107		55			
2	10	11 51-3	2723	29		GB1100		56			
3	20	11 39-0	4144	30		GB1104		57			
4	8	11 24-6	1041	31		GB1103		58			
5	16	11 19-6	1658	32		GB 1101		59			
6	16	11 18-6	1573	33		GB 1102		60			
7	12	11 10-1	643	34		GB 1105		61			
8			14509	35				62			
9				36				63			
10	16	6 40-0	961	37		GB603		64			
11	16	6 13-6	324	38		GB604		65			
12			1285	39				66			
13				40				67			
14				41				68			
15				42				69			
16				43				70			
17				44				71			
18				45				72			
19				46				73			
20				47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

Q TOTAL WEIGHT 23,546

DATE SHIPPED

SHIPPED BY

RECEIVED BY

REF DWG NO I-95-1(22)16
#58 OF 75

APPROVED

DRAWN	11/12/68	ADL
REVISION	2/7/69	ADL
REVISION		
REVISION		

PIER CAP 5 S

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER CIANCHETTE BROS
DESIGNER NHDPW & MSHC

ORDER

DWG. 68-142

BENT BARS

BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L"

ITEM	NO.	MARK	WEIGHT	A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	12	VII 10-2	648	6-11	3-3					FB	1106		2-3½			
2																
3	480	U6 9-6	6849	3-7	2-4	3-7				FB	600					
4	6	U6 7-0	63	2-4	2-4	2-4				FB	601					
5	6	U6 5-6	50	1-7	2-4	1-7				FB	602					
6			6962													
7																
8	40	U4 5-4	142	0-8	4-0	0-8				FB	400					
9																
10																
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36																
37																
38																
39																
40																
41																
42																

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1	10	11 51-4	2727	28		FB 1107		55			
2	10	11 51-3	2723	29		FB1100		56			
3	20	11 39-0	4144	30		FB1104		57			
4	8	11 24-6	1041	31		FB1103		58			
5	16	11 19-6	1658	32		FB 1101		59			
6	16	11 18-6	1573	33		FB 1102		60			
7	12	11 10-1	643	34		FB 1105		61			
8			14509	35				62			
9				36				63			
10	16	6 40-0	961	37		FB603		64			
11	16	6 13-6	324	38		FB604		65			
12			1285	39				66			
13				40				67			
14				41				68			
15				42				69			
16				43				70			
17				44				71			
18				45				72			
19				46				73			
20				47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

Q TOTAL WEIGHT 23,546

DATE SHIPPED

SHIPPED BY:

RECEIVED BY:

REF. DWG NO I-95-1(22)16
#58 OF 75

APPROVED

DRAWN	11/12/68	ADL.
REVISION	2/7/68	ADL
REVISION		
REVISION		

PIER CAP 4 S

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER CIANCHETTE BROS
DESIGNER NHDPW & MSHC

ORDER

DWG. 68-142

BENT BARS

BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L"

ITEM	NO	MARK	WEIGHT	A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	12	VII 10-2	648	6-11	3-3					EB	1106		2-3½			
2																
3	[illegible]	[illegible]-6	6849	3-7	[illegible]	3-7				EB	600					
4	[illegible]	[illegible]-0	63	[illegible]	[illegible]	2-4				EB	601					
5	6	[illegible]-6	50	[illegible]	[illegible]	1-7				EB	602					
6			6962													
7	[illegible]	[illegible]-4	142	[illegible]	[illegible]	0-8				EB	400					
8																
9																
10																
11																
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13																
14																
15																
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STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1	10	11 51-4	2727	28		EB 1107		55			
2	10	11 51-3	2723	29		EB 1100		56			
3	20	11 39-0	4144	30		EB 1104		57			
4	8	11 24-6	1041	31		EB 1103		58			
5	16	11 19-6	1658	32		EB 1101		59			
6	16	11 18-6	1573	33		EB 1102		60			
7	12	11 10-1	643	34		EB 1105		61			
8			14509	35				62			
9	16	6 40-0	961	36		EB603		63			
10	16	6 13-6	324	37		EB604		64			
11			1285	38				65			
12				39				66			
13				40				67			
14				41				68			
15				42				69			
16				43				70			
17				44				71			
18				45				72			
19				46				73			
20				47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

Q TOTAL WEIGHT 23,546

DATE SHIPPED

SHIPPED BY

RECEIVED BY

REF. DWG. NO I-95-1(22)16

APPROVED

DRAWN	11/12/68	ADL
REVISION		
REVISION		
REVISION		

PIER CAP 3S

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER CIANCHETTE BROS
DESIGNER NHDPW & MSHC

ORDER

DWG. 68-142

114-142

BENT BARS

ITEM	NO	MARK	WEIGHT	BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L"												
				A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	12	VII 10-9	[illegible]	7-2	3-7					MB	1101		2-7			—/
2																
3	612	U6 9-10	9039	3-9	2-4	3-9				MB	600					⊔
4	6	U6 7-0	63	2-4	2-4	2-4				MB	601					⊔
5	6	U6 5-6	50	1-7	2-4	1-7				MB	602					⊔
6			9152													
7																
8	18	U4 5-4	[illegible]	0-8	4-0	0-8				MB	400					⊔
9																
10																
11																
12																
13																
14																
15																
16																
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41																
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STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1	10	14 53-6	[illegible]	28		MB1405		55			
2	10	14 52-8	[illegible]	29		MB 1400		56			
3	12	14 40	[illegible]	30		MB 1404		57			
4	12	14 25-9	[illegible]	31		MB 1403		58			
5	20	14 20-4	[illegible]	32		MB 1401		59			
6	20	14 19-4	[illegible]	33		MB 1402		60			
7			[illegible]	34				61			
8				35				62			
9	12	11 10-7	[illegible]	36		MB 1100		63			
10				37				64			
11				38				65			
12	12	6 40-0	[illegible]	39		MB 603		66			
13	12	6 15-6	[illegible]	40		MB604		67			
14			[illegible]	41				68			
15				42				69			
16				43				70			
17				44				71			
18				45				72			
19				46				73			
20				47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

Q

TOTAL WEIGHT 31,803

DATE SHIPPED

SHIPPED BY:

RECEIVED BY.

REF DWG NO 1-95 1(22)16

APPROVED

DRAWN	11/5/68	ADL
REVISION	2/7/[illegible]	[illegible]
REVISION		
REVISION		

PIER 10S CAP

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY, MAINE

CUSTOMER CIANCHETTE BROS
DESIGNER N.H.DPW & M.S.H.C.

ORDER

DWG. 68-142

BENT BARS

ITEM	NO	MARK	WEIGHT	BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L"												
				A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	12	VII 10-8	[illegible]	7-5	3-3					LB	1106		2-3½			—/
2																
3	480	U6 9-6	[illegible]	3-7	2-4	3-7				LB	600					⊔
4	6	U6 7-0	[illegible]	2-4	2-4	2-4				LB	601					⊔
5	6	U6 5-6	[illegible]	1-7	2-4	1-7				LB	602					⊔
6			[illegible]													
7	40	LB4 5-4	[illegible]	0-8	4-0	0-8				LB	400					⊔
8																
9																
10																
11																
12																
13																
14																
15																
16																
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41																
42																

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1	10	11 52-6	[illegible]	28		LB1107		55			
2	10	11 52-2	[illegible]	29		LB1100		56			
3	20	11 39-0	[illegible]	30		LB 1104		57			
4	8	11 24-6	[illegible]	31		LB 1103		58			
5	16	11 19-9	[illegible]	32		LB 1101		59			
6	16	11 19-0	[illegible]	33		LB 1102		60			
7	12	11 10-7	[illegible]	34		LB 1105		61			
8			[illegible]	35				62			
9				36				63			
10	16	6 40-0	[illegible]	37		LB 603		64			
11	16	6 14-5	[illegible]	38		LB 604		65			
12				39				66			
13				40				67			
14				41				68			
15				42				69			
16				43				70			
17				44				71			
18				45				72			
19				46				73			
20				47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

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TOTAL WEIGHT 33,806

DATE SHIPPED

SHIPPED BY:

RECEIVED BY.

REF. DWG NO 1-951(22)16
#57 OF75

APPROVED

DRAWN	11/5/68	ADL
REVISION	2/7/68	ADL
REVISION		
REVISION		

PIER 9S CAP

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER CIANCHETTE BROS
DESIGNER NH DPW & MSHC

ORDER

DWG. 68-142

BENT BARS

ITEM	NO	MARK	WEIGHT	BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L"												
				A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	12	VII 10-4	657	7-4	3-3					KB	1106		2-4½			—/
2																
3																
4	480	U6 9-6	6849	3-7	2-4	3-7				KB	600					⊔
5	6	U6 7-0	63	2-4	2-4	2-4				KB	601					⊔
6	6	U6 5-6	50	1-7	2-4	1-7				KB	602					⊔
7			6962													
8																
9	40	U4 5-4	142	0-8	4-0	0-8				KB	400					⊔
10																
11																
12																
13																
14																
15																
16																
17																
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40																
41																
42																

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1	10	11 51-9	2749	28		KB1100		55			
2	10	11 51-7	2741	29		KB1107		56			
3	20	11 39-0	4144	30		KB1104		57			
4	8	11 24-6	1041	31		KB1103		58			
5	16	11 19-6	1658	32		KB1101		59			
6	16	11 18-6	1573	33		KB1102		60			
7	12	11 10-3	653	34		KB1105		61			
8			14,559	35				62			
9				36				63			
10				37				64			
11	16	6 40-0	961	38		KB603		65			
12	16	6 13-6	324	39		KB604		66			
13			1285	40				67			
14				41				68			
15				42				69			
16				43				70			
17				44				71			
18				45				72			
19				46				73			
20				47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

Q

TOTAL WEIGHT 23,607

DATE SHIPPED

SHIPPED BY

RECEIVED BY

REF DWG NO I-95-1(22)16
#57 OF 75

APPROVED

DRAWN	11/7/68	ADL
REVISION		
REVISION		
REVISION		

PIER CAP 8S

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER CIANCHETTE BROS
DESIGNER N.H.P.W.D. & M.S.H.D.

ORDER

DWG. 68-142

BENT BARS

ITEM	NO	MARK	WEIGHT	BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L"												
				A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	12	VII 10-2	648	6-11	3-3					JB	1106		2-3½			—/
2																
3	480	U6 9-6	6849	3-7	2-4	3-7				JB	600					⊔
4	6	U6 7-0	63	2-4	2-4	2-4				JB	601					⊔
5	6	U6 5-6	50	1-7	2-4	1-7				JB	602					⊔
6			6962													
7																
8	40	U4 5-4	142	0-8	4-0	0-8				JB	400					⊔
9																
10																
11																
12																
13																
14																
15																
16																
17																
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36																
37																
38																
39																
40																
41																
42																

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1	10	11 51-4	2727	28		JB1100		55			
2	10	11 51-5	2732	29		JB1107		56			
3	20	11 39-0	4144	30		JB1104		57			
4	8	11 24-6	1041	31		JB 1103		58			
5	16	11 19-6	1658	32		JB 1101		59			
6	16	11 18-6	1573	33		JB 1102		60			
7	12	11 10-1	643	34		JB 1105		61			
8			14518	35				62			
9				36				63			
10	16	6 40-0	961	37		JB603		64			
11	16	6 13-6	324	38		JB604		65			
12			1285	39				66			
13				40				67			
14				41				68			
15				42				69			
16				43				70			
17				44				71			
18				45				72			
19				46				73			
20				47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

Q

TOTAL WEIGHT 23,555

DATE SHIPPED

SHIPPED BY

RECEIVED BY

REF. DWG NO I-95-1(22)16
#58 OF 75

APPROVED

DRAWN	11/12/68	ADL
REVISION		
REVISION		
REVISION		

PIER CAP 7 S

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER CIANCHETTE BROS.
DESIGNER NH DPW & M.S.H.C.

ORDER

DWG. 68-142

114-143

0 1 2 3 4 5 6

BENT BARS

BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L"

ITEM	NO	MARK	WEIGHT	A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	6	VII 12-6	[illegible]	8-7	3-11					RB1103			2-10½			
2	6	VII 10-11	[illegible]	7-0	3-11					RB1101			2-10½			
3			[illegible]													
4																
5	654	U6 10-0	[illegible]	3-10	2-4	3-10				RB600						
6	6	U6 7-0	[illegible]	2-4	2-4	2-4				RB601						
7	6	U6 5-6	[illegible]	1-7	2-4	1-7				RB602						
8			[illegible]													
9																
10	36	U4 5-4	[illegible]	0-8	4-0	[illegible]				RB400						
11																
12																
13																
14																
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STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1	10	14 6[illegible]-9	[illegible]	28		RB 1405		55			
2	10	14 57-0	[illegible]	29		RB 1400		56			
3	10	14 46-0	[illegible]	30		RB [illegible]		57			
4	10	14 43-0	[illegible]	31		RB 1404		58			
5	6	14 27-6	[illegible]	32		RB 1403		59			
6	8	14 23-6	[illegible]	33		RB 1406		60			
7	8	14 22-9	[illegible]	34		RB 1407		61			
8	8	14 21-3	[illegible]	35		RB 1401		62			
9	6	14 [illegible]	[illegible]	36		RB [illegible]		63			
10	8	14 20-6	[illegible]	37		RB 1402		64			
11			[illegible]	38				65			
12				39				66			
13	6	11 12-3	[illegible]	40		RB 1102		67			
14	6	11 10-9	[illegible]	41		RB 1100		68			
15			[illegible]	42				69			
16	12	6 40-0	[illegible]	43		RB 603		70			
17	6	6 24-9	[illegible]	44		RB 605		71			
18	6	6 [illegible]	[illegible]	45		RB 604		72			
19			[illegible]	46				73			
20				47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

Q TOTAL WEIGHT 36,229.

DATE SHIPPED

SHIPPED BY

RECEIVED BY

REF DWG NO I-95(22)-16
#56 OF 75

APPROVED

PIER 14S CAP

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER CIANCHETTE BROS
DESIGNER [illegible]

DRAWN	11/4/68	ADL
REVISION		
REVISION		

ORDER

DWG

BENT BARS

BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L"

ITEM	NO	MARK	WEIGHT	A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	6	VII 12-1	385	8-2	3-11					QB1103			2-10½			
2	6	VII 11-1	353	7-2	3-11					QB1101			2-10½			
3			738													
4																
5	648	U6 10-0	9733	3-10	2-4	3-10				QB 600						
6	6	U6 7-0	63	2-4	2-4	2-4				QB 601						
7	6	U6 5-6	[illegible]	1-7	2-4	1-7				QB 602						
8			9846													
9																
10	36	U4 5-4	128	0-8	4-0	0-8				QB400						
11																
12																
13																
14																
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42																

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1	10	14 59-8	11565	28		QB 1405		55			
2	10	14 55-7	[illegible]	29		QB 1400		56			
3	8	14 44-0	[illegible]	30		QB 1409		57			
4	8	14 42-0	[illegible]	31		QB 1404		58			
5	6	14 28-0	1285	32		QB 1408		59			
6	6	14 26-6	[illegible]	33		QB 1403		60			
7	8	14 22-6	1597	34		QB 1406		61			
8	8	14 21-9	[illegible]	35		QB 1407		62			
9	8	14 20-9	1390	36		QB 1401		63			
10	8	14 20-3	[illegible]	37		QB 1402		64			
11			31778	38				65			
12				39				66			
13	6	11 11-9	375	40		QB 1102		67			
14	6	11 10-9	343	41		QB 1100		68			
15			718	42				69			
16				43				70			
17	12	6 40-0	721	44		QB 603		71			
18	6	6 21-9	[illegible]	45		QB 605		72			
19	6	6 17-9	160	46		QB 604		73			
20			1077	47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

Q TOTAL WEIGHT 34305.

DATE SHIPPED

SHIPPED BY

RECEIVED BY

REF. DWG NO I-95-1(22)16
#56 OF 75

APPROVED

PIER 13 S CAP

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER CIANCHETTE BROS
DESIGNER N.H.D.P.W. & M.S.H.C.

DRAWN	11/4/68	ADL.
REVISION		
REVISION		
REVISION		

ORDER

DWG. 68-142

BENT BARS

BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L"

ITEM	NO	MARK	WEIGHT	A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3-7					PB1103			2-7½			
[illegible]	[illegible]	[illegible]	[illegible]	5-3	3-7					PB1101			2-7½			
[illegible]			771													
[illegible]	[illegible]	U6 9-6	9075	3-7	2-4	3-7				PB 600						
[illegible]	[illegible]	U6 7-0	62	2-4	2-4	2-4				PB601						
[illegible]	[illegible]	U6 5-6	60	1-7	2-4	1-7				PB602						
[illegible]			9188													
[illegible]																
[illegible]	[illegible]	U4 5-4	128	0-8	4-0	0-8				PB400						

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
[illegible]	10	14 57-2	[illegible]	28		PB 1405		55			
[illegible]	10	14 54-5	[illegible]	29		PB 1400		56			
[illegible]	[illegible]	14 42[illegible]	[illegible]	30		PB 1404		57			
[illegible]	[illegible]	14 [illegible]	[illegible]	31		PB 1409		58			
[illegible]	6	14 26-6	[illegible]	32		PB 1403		59			
[illegible]	6	14 26-0	[illegible]	33		PB 1408		60			
[illegible]	10	14 21-[illegible]	[illegible]	34		PB 1407		61			
[illegible]	10	14 21-0	[illegible]	35		PB 1406		62			
[illegible]	10	14 20-3	1649	36		PB 1401		63			
[illegible]	10	14 19-6	1492	37		PB 1402		64			
[illegible]			[illegible]	38				65			
[illegible]				39				66			
[illegible]	6	11 12-0	383	40		PB 1102		67			
[illegible]	6	11 10-1	[illegible]	41		PB 1100		68			
[illegible]			744	42				69			
[illegible]				43				70			
[illegible]	12	6 40-0	721	44		PB603		71			
[illegible]	6	6 19-2	[illegible]	45		PB605		72			
[illegible]	6	6 16-4	[illegible]	46		PB604		73			
[illegible]			1041	47				74			
[illegible]				48				75			
[illegible]				49				76			
[illegible]				50				77			
[illegible]				51				78			
[illegible]				52				79			
[illegible]				53				80			
[illegible]				54				81			

Q TOTAL WEIGHT 34114.

REF DWG NO I-95(22)16
#56 of 75

PIER 12 S. CAP

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER CIANCHETTE BROS
DESIGNER NH DPW & M.S.H.C

[illegible]	11/4/68	AD[illegible]

ORDER

68-142

BENT BARS

BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L"

ITEM	NO	MARK	WEIGHT	A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	6	VII 11	[illegible]	7-5	3-7					NB1103			2-6			
2	6	VII 10-10	[illegible]	7-3	3-7					NB1101			2-6			
3																
4	624	U6 9-10	9216	3-9	2-4	3-9				NB600						
5	6	U6 7-0	63	2-4	2-4	2-4				NB601						
6	6	U6 5-6	59	1-7	2-4	1-7				NB602						
7			9329													
8																
9	36	U4 5-4	[illegible]	0-8	4-0	0-8				NB400						
10																
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STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1	10	14 55-1	[illegible]	28		NB 1405		55			
2	10	14 53-6	[illegible]	29		NB 1400		56			
3	8	14 41-0	[illegible]	30		NB 1409		57			
4	8	14 40-[illegible]	[illegible]	31		NB 1404		58			
5	6	14 26-0	[illegible]	32		NB 1408		59			
6	6	14 [illegible]5-9		33		NB 1403		60			
7	10	14 20-7		34		NB 1406		61			
8	10	14 20-3	[illegible]	35		NB 1401		62			
9	10	14 20-0		36		NB 1407		63			
10	10	14 [illegible]-6		37		NB 1402		64			
11			[illegible]	38				65			
12				39				66			
13	6	11 10-11	[illegible]	40		NB 1102		67			
14	6	11 10-6	[illegible]	41		NB 1100		68			
15			[illegible]	42				69			
16				43				70			
17	12	6 40-0	[illegible]	44		NB 603		71			
18	6	6 17-0	[illegible]	45		NB 605		72			
19	6	6 [illegible]5-6	[illegible]	46		NB 604		73			
20				47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

TOTAL WEIGHT 33,635

DATE SHIPPED

SHIPPED BY

RECEIVED BY

REF DWG NO I-95-1(22)16

APPROVED

PIER 11 S CAP

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER CIANCHETTE BROS.
DESIGNER N.H.D.P.W. & M.S.H.C.

DRAWN	11/5/68	ADL
REVISION	2/7/6[illegible]	A[illegible]
REVISION		
REVISION		

ORDER

DWG. 68-142

114-144

BENT BARS

BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L"

ITEM	NO	MARK	WEIGHT	A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	6	VB11 14-3	[illegible]	9-8	4-7					VB1103			3-3½			╱ H
2	6	VB11 13-6	[illegible]	8-11	4-7					VB1101			3-3½			╱ H
3			[illegible]													
4																
5	750	U6 10-6	11828	4-1	2-4	4-1				VB600						⊔
6	6	U6 7-0	[illegible]	2-4	2-4	2-4				VB601						⊔
7	6	U6 5-6	[illegible]	1-7	2-4	1-7				VB602						⊔
8			[illegible]													
9																
10	36	L4 5-4	[illegible]	0-8	4-0	0-8				VB400						⊔
11																
12																
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STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1	10	14 72-10	[illegible]	28		VB1405		55			
2	10	14 66-3	[illegible]	29		VB1400		56			
3	10	14 53-0	[illegible]	30		VB1409		57			
4	10	14 48-0	[illegible]	31		VB1404		58			
5	6	14 35-0	[illegible]	32		VB1408		59			
6	6	14 27-6	[illegible]	33		VB1403		60			
7	8	14 27-1	1657	34		VB1406		61			
8	8	14 26-5	1617	35		VB1407		62			
9	8	14 23-9	[illegible]	36		VB1401		63			
10	8	14 22-9	[illegible]	37		VB1402		64			
11			27356	38				65			
12				39				66			
13	6	11 13-9	[illegible]	40		VB1102		67			
14	6	11 13-0	414	41		VB1100		68			
15			[illegible]	42				69			
16				43				70			
17	12	6 40-0	[illegible]	44		VB603		71			
18	6	6 34-10	314	45		VB605		72			
19	6	6 28-3	255	46		VB604		73			
20			1290	47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

Q

TOTAL WEIGHT 142,451

DATE SHIPPED

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REF DWG NO 1-95-(22)16
#55 of 75

APPROVED

DRAWN	11/1/68	ADL
REVISION		
REVISION		
REVISION		

PIER 18S CAP

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER CIANCHETTE BROS
DESIGNER NHDPW & MSHC

ORDER
DWG 68 142

BENT BARS

BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L"

ITEM	NO	MARK	WEIGHT	A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	6	V11 14-2	452	9-11	4-3					UB1103			3-0¾			╱ H
2	6	V11 12-7	401	8-4	4-3					UB1101			3-0¾			╱ H
3			853													
4																
5	744	U6 10-4	11547	4-0	2-4	4-0				UB600						⊔
6	6	U6 7-0	63	2-4	2-4	2-4				UB601						⊔
7	6	U6 5-6	50	1-7	2-4	1-7				UB602						⊔
8			11660													
9																
10	36	U4 5-4	128	0-8	4-0	0-8				UB400						⊔
11																
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STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1	10	14 71-0	[illegible]	28		UB1405		55			
2	10	14 60-7	[illegible]	29		UB1400		56			
3	10	14 51-0	[illegible]	30		UB1409		57			
4	10	14 47-0	[illegible]	31		UB1404		58			
5	6	14 33-6	[illegible]	32		UB1408		59			
6	6	14 30-6	1400	33		UB1403		60			
7	8	14 26-7	[illegible]	34		UB1406		61			
8	8	14 26-0	[illegible]	35		UB1407		62			
9	8	14 23-9	[illegible]	36		UB1401		63			
10	8	14 23-0	1408	37		UB1402		64			
11			26082	38				65			
12				39				66			
13	6	11 13-10	441	40		UB1102		67			
14	6	11 12-2	388	41		UB1100		68			
15			829	42				69			
16	12	6 40-0	721	43		UB603		70			
17	6	6 33-0	297	44		UB605		71			
18	6	6 25-7	231	45		UB604		72			
19			1249	46				73			
20				47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

Q

TOTAL WEIGHT 41,301

DATE SHIPPED

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REF DWG NO I-95-(22)16
#55 OF 75

APPROVED

DRAWN	11/1/68	ADL
REVISION	2/7/69	ADL
REVISION		
REVISION		

PIER 17S CAP

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER CIANCHETTE BROS
DESIGNER NHDPW & MSHC

ORDER
DWG. 68-142

BENT BARS

BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L"

ITEM	NO	MARK	WEIGHT	A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	6	V11 13-9	[illegible]	9-6	4-3					TB1103			3-0¾			╱
2	6	V11 12-3	[illegible]	8-0	4-3					TB1101			3-0¾			╱
3			[illegible]													
4																
5	708	U6 10-4	[illegible]	4-0	2-4	4-0				TB600						⊔
6	6	U6 7-0	[illegible]	2-4	2-4	2-4				TB601						⊔
7	6	U6 5-6	[illegible]	1-7	2-4	1-7				TB602						
8			[illegible]													
9	36	U4 5-4	128	0-8	4-0	0-8				TB400						⊔
10																
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42																

~~STRAIGHT BARS~~

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1	10	14 [illegible]	[illegible]	28		TB1405		55			
2	10	14 61-0	[illegible]	29		TB1400		56			
3	10	14 50-0	[illegible]	30		TB1409		57			
4	10	14 45-0	[illegible]	31		TB1404		58			
5	6	14 32-9	[illegible]	32		TB1408		59			
6	6	14 29-0	[illegible]	33		TB1403		60			
7	8	14 25-10	[illegible]	34		TB1406		61			
8	8	14 24-3	[illegible]	35		TB1407		62			
9	8	14 22-10	[illegible]	36		TB1401		63			
10	8	14 22-2	[illegible]	37		TB1402		64			
11			[illegible]	38				65			
12				39				66			
13	6	11 13-4	[illegible]	40		TB1102		67			
14	6	11 11-10	[illegible]	41		TB1100		68			
15			[illegible]	42				69			
16				43				70			
17	12	6 40-0	[illegible]	44		TB603		71			
18	6	6 31-0	[illegible]	45		TB605		72			
19	6	6 23	[illegible]	46		TB604		73			
20			[illegible]	47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

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TOTAL WEIGHT 39,934

DATE SHIPPED

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REF DWG NO I-95-(22)16
#55 of 75

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REVISION	2/7/69	ADL
REVISION		
REVISION		

PIER 16S CAP

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER CIANCHETTE BROS
DESIGNER N.H.DPW & MSHC.

ORDER
DWG. 68-142

BENT BARS

BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L"

ITEM	NO	MARK	WEIGHT	A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	6	V11 13-6	[illegible]	9-3	4-3					SB1103			3-0¾			╱
2	6	V11 12-2	[illegible]	7-11	4-3					SB1101			3-0¾			╱
3			[illegible]													
4																
5	702	U6 10-4	[illegible]	4-0	2-4	4-0				SB600						⊔
6	6	U6 7-0	[illegible]	2-4	2-4	2-4				SB601						⊔
7	6	U6 5-6	[illegible]	1-7	2-4	1-7				SB602						⊔
8			[illegible]													
9																
10	36	U4 5-4	[illegible]	0-8	4-0	0-8				SB400						⊔
11																
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40																
41																
42																

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1	10	14 66-7	[illegible]	28		SB1405		55			
2	10	14 58-10	[illegible]	29		SB1400		56			
3	10	14 48-0	[illegible]	30		SB1409		57			
4	10	14 43-0	3290	31		SB1404		58			
5	6	14 31-3	[illegible]	32		SB1408		59			
6	6	14 27-6	[illegible]	33		SB1403		60			
7	8	14 25-3	[illegible]	34		SB1406		61			
8	8	14 24-6	[illegible]	35		SB1407		62			
9	8	14 22-3	[illegible]	36		SB1401		63			
10	8	14 21-6	[illegible]	37		SB1402		64			
11			[illegible]	38				65			
12				39				66			
13	6	11 13-2	[illegible]	40		SB1102		67			
14	6	11 11-9	[illegible]	41		SB1100		68			
15			[illegible]	42				69			
16				43				70			
17	12	6 40-0	[illegible]	44		SB603		71			
18	6	6 28-7	[illegible]	45		SB605		72			
19	6	6 20-9	[illegible]	46		SB604		73			
20			[illegible]	47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

Q

TOTAL WEIGHT 38,890

DATE SHIPPED

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REF DWG NO 1-95(22)16
56 OF 75

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REVISION		
REVISION		

PIER 15S CAP

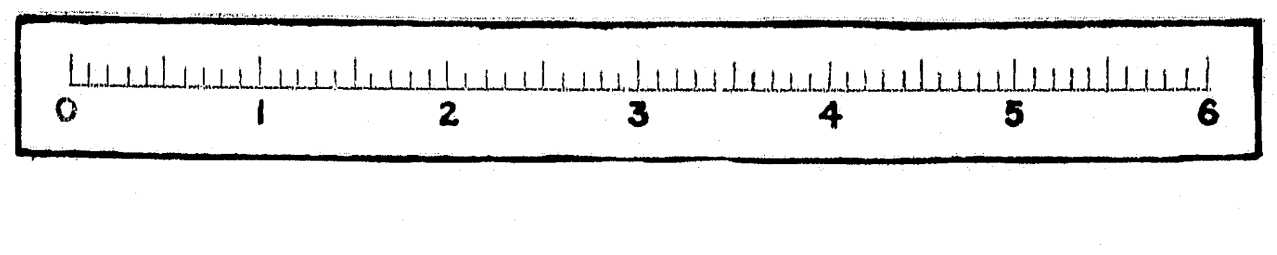
Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER CIANCHETTE BROS
DESIGNER N.H.D.P.W. & M.S.H.C.

ORDER
DWG 68-142

114-145



BENT BARS

BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L" 1 OF 2

ITEM	NO	MARK	WEIGHT	A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	4	U6 9-4	56	3-2	3-0	3-2				CC	600	-1				
2	4	9-4½	56	3-2	3-0½	3-2						-2				
3	8	9-5	113	3-2	3-1	3-2						-3				
4	4	9-5½	57	3-2	3-1½	3-2						-4				
5	4	9-6	57	3-2	3-2	3-2						-5				
6	4	9-8½	58	3-3	3-2½	3-3						-6				
7	4	9-9	59	3-3	3-3	3-3						-7				
8	8	9-9½	118	3-3	3-3½	3-3						-8				
9	4	9-10	59	3-3	3-4	3-3						-9				
10	4	9-10½	59	3-3	3-4½	3-3						-10				
11	4	10-1	61	3-4	3-5	3-4						-11				
12	4	10-1½	61	3-4	3-5½	3-4						-12				
13	8	10-2	122	3-4	3-6	3-4						-13				
14	4	10-2½	61	3-4	3-6½	3-4						-14				
15	4	10-3	62	3-4	3-7	3-4						-15				
16	4	10-5½	63	3-5	3-7½	3-5						-16				
17	4	10-6	63	3-5	3-8	3-5						-17				
18	8	10-6½	127	3-5	3-8½	3-5						-18				
19	4	10-7	64	3-5	3-9	3-5						-19				
20	4	10-7½	64	3-5	3-9½	3-5						-20				
21	4	10-10	65	3-6	3-10	3-6						-21				
22	4	10-10½	65	3-6	3-10½	3-6						-22				
23	8	10-11	131	3-6	3-11	3-6						-23				
24	4	10-11½	66	3-6	3-11½	3-6						-24				
25	4	U6 11-0	66	3-6	4-0	3-6				CC	600	-25				
26	2	U6 6-2	19	0-11	4-4	0-11				CC	601	-1				
27	4	6-2½	[illegible]		4-4½							-2				
28	2	6-3	19		4-5							-3				
29	4	6-3½	38		4-5½							-4				
30	2	6-4	19		4-6							-5				
31	4	6-4½	38		4-6½							-6				
32	2	6-5	19		4-7							-7				
33	4	6-5½	39		4-7½							-8				
34	2	6-6	20		4-8							-9				
35	4	6-6½	39		4-8½							-10				
36	2	6-7	20		4-9							-11				
37	2	6-7½	20		4-9½							-12				
38	2	6-8	20		4-10							-13				
39	4	6-8½	40		4-10½							-14				
40	2	6-9	20		4-11							-15				
41	4	6-9½	41		4-11½							-16				
42	2	U6 6-10	21	0-11	5-0	0-11				CC	601	-17				

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1	20	14 64-0	9792	28	CC1401			55			
2				29				56			
3				30				57			
4	76	10 18-6	6050	31	CF1000			58			
5				32				59			
6				33				60			
7				34				61			
8				35				62			
9				36				63			
10				37				64			
11				38				65			
12				39				66			
13				40				67			
14				41				68			
15				42				69			
16				43				70			
17				44				71			
18				45				72			
19				46				73			
20				47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

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TOTAL WEIGHT

DATE SHIPPED

SHIPPED BY

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REF. DWG NO I-95-1(22)16

APPROVED

PIER 1S-B

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

DRAWN	11/14/68	A.D.L.
REVISION		
REVISION		
REVISION		

CUSTOMER CIANCHETTE BROS.
DESIGNER NHDPW & M.S.H.C.
ORDER
DWG. 68-142
1 of 2

BENT BARS

BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L" 3 OF 3

ITEM	NO.	MARK	WEIGHT	A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	4	U6 7-9½	47.	0-11	5-11½	0-11				CC	603	-20				
2	2	7-10	24.		6-0							-21				
3	4	7-10½	47.		6-0½							-22				
4	2	7-11	24.		6-1							-23				
5	4	7-11½	48.		6-1½							-24				
6	2	U6 8-0	24.	0-11	6-2	0-11				CC	603	-25				
7			3899													
8																
9																
10	8	L14 61-8	3774	3-0	58-8					CF	1402					
11	20	L14 37-8	5762	3-0	34-8					CF	1401					
12			9537													
13																
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STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1				28				55			
2				29				56			
3				30				57			
4				31				58			
5				32				59			
6				33				60			
7				34				61			
8				35				62			
9				36				63			
10				37				64			
11				38				65			
12				39				66			
13				40				67			
14				41				68			
15				42				69			
16				43				70			
17				44				71			
18				45				72			
19				46				73			
20				47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

TOTAL WEIGHT 31,278

DATE SHIPPED

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REF. DWG NO I-95-1(22)16

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PIER 1S-A

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

DRAWN	11/14/68	ADL
REVISION		
REVISION		
REVISION		

CUSTOMER CIANCHETTE BROS
DESIGNER NHDPW & MSHC
ORDER
DWG. 68-142
3 OF 3

BENT BARS

BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L" 2 OF 3

ITEM	NO.	MARK	WEIGHT	A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	4	U6 6-10½	41	0-11	5-0½	0-11				CC	601	-18				
2	2	6-11	21	0-11	5-1	0-11						-19				
3	4	6-11½	42.	0-11	5-1½	0-11						-20				
4	2	U6 7-0	21	0-11	5-2	0-11				CC	601	-21				
5	8	U6 11-0	132	3-6	4-0	3-6				CC	602	-1				
6	8	11-0½	133.	3-6	4-0½	3-6						-2				
7	8	11-1	133	3-6	4-1	3-6						-3				
8	8	11-3½	136	3-7	4-1½	3-7						-4				
9	8	11-4	136.	3-7	4-2	3-7						-5				
10	8	11-6½	139.	3-8	4-2½	3-8						-6				
11	8	11-7	139.	3-8	4-3	3-8						-7				
12	8	11-7½	140.	3-8	4-3½	3-8						-8				
13	8	11-10	142.	3-9	4-4	3-9						-9				
14	4	11-10½	71.	3-9	4-4½	3-9						-10				
15	8	11-11	143.	3-9	4-5	3-9						-11				
16	8	12-1½	146.	3-10	4-5½	3-10						-12				
17	8	12-2	146.	3-10	4-6	3-10						-13				
18	8	12-2½	147.	3-10	4-6½	3-10						-14				
19	8	12-5	149.	3-11	4-7	3-11						-15				
20	8	12-5½	150.	3-11	4-7½	3-11						-16				
21	8	12-8	152	4-0	4-8	4-0						-17				
22	8	12-8½	153.	4-0	4-8½	4-0						-18				
23	8	U6 12-9	153.	4-0	4-9	4-0				CC	602	-19				
24	2	U6 7-0	21.	0-11	5-2	0-11				CC	603	-1				
25	4	7-0½	42.		5-2½							-2				
26	2	7-1	21.		5-3							-3				
27	4	7-1½	43.		5-3½							-4				
28	2	7-2	22.		5-4							-5				
29	4	7-2½	43.		5-4½							-6				
30	2	7-3	22.		5-5							-7				
31	4	7-3½	44.		5-5½							-8				
32	2	7-4	22.		5-6							-9				
33	4	7-4½	44		5-6½							-10				
34	2	7-5	22.		5-7							-11				
35	4	7-5½	45		5-7½							-12				
36	2	7-6	23.		5-8							-13				
37	4	7-6½	45.		5-8½							-14				
38	2	7-7	23.		5-9							-15				
39	4	7-7½	46.		5-9½							-16				
40	2	7-8	23.		5-10							-17				
41	4	7-8½	46.		5-10½							-18				
42	2	U6 7-9	23.	0-11	5-11	0-11				CC	603	-19				

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1				28				55			
2				29				56			
3				30				57			
4				31				58			
5				32				59			
6				33				60			
7				34				61			
8				35				62			
9				36				63			
10				37				64			
11				38				65			
12				39				66			
13				40				67			
14				41				68			
15				42				69			
16				43				70			
17				44				71			
18				45				72			
19				46				73			
20				47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

TOTAL WEIGHT

DATE SHIPPED

SHIPPED BY

RECEIVED BY

REF. DWG NO I-95-1(22)16

APPROVED

PIER 1S-A

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

DRAWN	11/14/68	ADL
REVISION		
REVISION		
REVISION		

CUSTOMER CIANCHETTE BROS
DESIGNER NHDPW & MSHC
ORDER
DWG. 68-142
2 OF 3

BENT BARS

BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L" 1 OF 3

ITEM	NO	MARK	WEIGHT	A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	4	U6 9-4	56	3-2	3-0	3-2				CC	600	-1				
2	4	9-4½	56.	3-2	3-0½	3-2						-2				
3	8	9-5	113.	3-2	3-1	3-2						-3				
4	4	9-5½	57.	3-2	3-1½	3-2						-4				
5	4	9-6	57	3-2	3-2	3-2						-5				
6	4	9-8½	58	3-3	3-2½	3-3						-6				
7	4	9-9	59	3-3	3-3	3-3						-7				
8	8	9-9½	118	3-3	3-3½	3-3						-8				
9	4	9-10	59	3-3	3-4	3-3						-9				
10	4	9-10½	59.	3-3	3-4½	3-3						-10				
11	4	10-1	61	3-4	3-5	3-4						-11				
12	4	10-1½	61	3-4	3-5½	3-4						-12				
13	8	10-2	122	3-4	3-6	3-4						-13				
14	4	10-2½	61.	3-4	3-6½	3-4						-14				
15	4	10-3	62	3-4	3-7	3-4						-15				
16	4	10-5½	63	3-5	3-7½	3-5						-16				
17	4	10-6	63	3-5	3-8	3-5						-17				
18	8	10-6½	127	3-5	3-8½	3-5						-18				
19	4	10-7	64	3-5	3-9	3-5						-19				
20	4	10-7½	64	3-5	3-9½	3-5						-20				
21	4	10-10	65	3-6	3-10	3-6						-21				
22	4	10-10½	65.	3-6	3-10½	3-6						-22				
23	8	10-11	131.	3-6	3-11	3-6						-23				
24	4	10-11½	66	3-6	3-11½	3-6						-24				
25	4	U6 11-0	66	3-6	4-0	3-6				CC	600	-25				
26	2	U6 6-2	19	0-11	4-4	0-11				CC	601	-1				
27	4	6-2½	[illegible]		4-4½							-2				
28	2	6-3	19		4-5							-3				
29	4	6-3½	38		4-5½							-4				
30	2	6-4	19		4-6							-5				
31	4	6-4½	38		4-6½							-6				
32	2	6-5	19.		4-7							-7				
33	4	6-5½	39		4-7½							-8				
34	2	6-6	20		4-8							-9				
35	4	6-6½	39		4-8½							-10				
36	2	6-7	20		4-9							-11				
37	2	6-7½	20		4-9½							-12				
38	2	6-8	20		4-10							-13				
39	4	6-8½	40		4-10½							-14				
40	2	6-9	20		4-11							-15				
41	4	6-9½	41		4-11½							-16				
42	2	U6 6-10	21	0-11	5-0	0-11				CC	601	-17				

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1	20	14 64-0	9792	28	CC1400			55			
2				29				56			
3				30				57			
4	76	10 18-6	6050	31	CF1000			58			
5				32				59			
6				33				60			
7				34				61			
8				35				62			
9				36				63			
10				37				64			
11				38				65			
12				39				66			
13				40				67			
14				41				68			
15				42				69			
16				43				70			
17				44				71			
18				45				72			
19				46				73			
20				47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

Q

TOTAL WEIGHT

DATE SHIPPED

SHIPPED BY

RECEIVED BY

REF. DWG NO I-95-1(22)16

APPROVED

PIER 1S-A

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

DRAWN	11/14/68	A.D.L.
REVISION		
REVISION		
REVISION		

CUSTOMER CIANCHETTE BROS.
DESIGNER NHDPW & M.S.H.C.
ORDER
DWG. 68-142
1 OF 3

114-14

53

BENT BARS

BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L" 1o2

ITEM	NO	MARK	WEIGHT	A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	4	U6 9-4	56	3-2	3-0	3-2				CC	600	-1				⊔
2	4	9-4½	56	3-2	3-0½	3-2						-2				
3	8	9-5	113	3-2	3-1	3-2						-3				
4	4	9-5½	57	3-2	3-1½	3-2						-4				
5	4	9-6	57	3-2	3-2	3-2						-5				
6	4	9-8½	58	3-3	3-2½	3-3						-6				
7	4	9-9	59	3-3	3-3	3-3						-7				
8	8	9-9½	118	3-3	3-3½	3-3						-8				
9	4	9-10	59	3-3	3-4	3-3						-9				
10	4	9-10½	59	3-3	3-4½	3-3						-10				
11	4	10-1	61	3-4	3-5	3-4						-11				
12	4	10-1½	61	3-4	3-5½	3-4						-12				
13	8	10-2	122	3-4	3-6	3-4						-13				
14	4	10-2½	61	3-4	3-6½	3-4						-14				
15	4	10-3	62	3-4	3-7	3-4						-15				
16	4	10-5½	63	3-5	3-7½	3-5						-16				
17	4	10-6	63	3-5	3-8	3-5						-17				
18	8	10-6½	127	3-5	3-8½	3-5						-18				
19	4	10-7	64	3-5	3-9	3-5						-19				
20	4	10-7½	64	3-5	3-9½	3-5						-20				
21	4	10-10	65	3-6	3-10	3-6						-21				
22	4	10-10½	65	3-6	3-10½	3-6						-22				
23	8	10-11	131	3-6	3-11	3-6						-23				
24	4	10-11½	66	3-6	3-11½	3-6						-24				
25	4	U6 11-0	66	3-6	4-0	3-6				CC	600	-25				⊔
26	2	U6 6-2	19	0-11	4-4	0-11				CC	601	-1				⊔
27	4	6-2½	37		4-4½							-2				
28	2	6-3	19		4-5							-3				
29	4	6-3½	38		4-5½							-4				
30	2	6-4	19		4-6							-5				
31	4	6-4½	38		4-6½							-6				
32	2	6-5	19		4-7							-7				
33	4	6-5½	39		4-7½							-8				
34	2	6-6	20		4-8							-9				
35	4	6-6½	39		4-8½							-10				
36	2	6-7	20		4-9							-11				
37	2	6-7½	20		4-9½							-12				
38	2	6-8	20		4-10							-13				
39	4	6-8½	40		4-10½							-14				
40	2	6-9	20		4-11							-15				
41	4	6-9½	41.		4-11½							-16				
42	2	U6 6-10	21	0-11	5-0	0-11				CC	601	-17				⊔

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1	76	10 18-6	6050	28	CF1000			55			
2				29				56			
3				30				57			
4				31				58			
5				32				59			
6				33				60			
7				34				61			
8				35				62			
9				36				63			
10				37				64			
11				38				65			
12				39				66			
13				40				67			
14				41				68			
15				42				69			
16				43				70			
17				44				71			
18				45				72			
19				46				73			
20				47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

Q

TOTAL WEIGHT

DATE SHIPPED

SHIPPED BY:

RECEIVED BY:

REF. DWG NO I-95-1(22)16

APPROVED

DRAWN	11/14/68	ADL.
REVISION		
REVISION		
REVISION		

PIER 1S-D

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER CIANCHETTE BROS.
DESIGNER NHDPW & M.S.H.C

ORDER

DWG. 68-142
1 OF 2

9

BENT BARS

BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L" 2 OF 2

ITEM	NO	MARK	WEIGHT	A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	4	U6 6-10½	41.	0-11	5-0	0-11				CC	601	-18				⊔
2	2	6-11	21.	0-11	5-1	0-11						-19				
3	4	6-11½	42.	0-11	5-1½	0-11						-20				
4	2	U6 7-0	21.	0-11	5-2	0-11				CC	601	-21				⊔
5	8	U6 11-0	132	3-6	4-0	3-6				CC	606	-1				⊔
6	8	11-0½	133.	3-6	4-0½	3-6						-2				
7	4	11-1	67.	3-6	4-1	3-6						-3				
8	8	11-3½	136.	3-7	4-1½	3-7						-4				
9	8	11-4	136.	3-7	4-2	3-7						-5				
10	8	11-4½	137.	3-7	4-2½	3-7						-6				
11	8	11-7	139.	3-8	4-3	3-8						-7				
12	4	11-7½	70	3-8	4-3½	3-8						-8				
13	8	11-8	140.	3-8	4-4	3-8						-9				
14	8	11-10½	143.	3-9	4-4½	3-9						-10				
15	8	11-11	143.	3-9	4-5	3-9						-11				
16	8	11-11½	144.	3-9	4-5½	3-9						-12				
17	4	12-2	73.	3-10	4-6	3-10						-13				
18	8	12-2½	147.	3-10	4-6½	3-10						-14				
19	8	U6 12-3	147.	3-10	4-7	3-10				CC	606	-15				⊔
20	2	U6 7-0	21.	0-11	5-2	0-11				CC	607	-1				⊔
21	4	7-0½	42.		5-2½							-2				
22	2	7-1	21.		5-3							-3				
23	4	7-1½	43.		5-3½							-4				
24	2	7-2	22.		5-4							-5				
25	4	7-2½	43.		5-4½							-6				
26	2	7-3	22		5-5							-7				
27	4	7-3½	44.		5-5½							-8				
28	2	7-4	22.		5-6							-9				
29	2	7-4½	22.		5-6½							-10				
30	2	7-5	22.		5-7							-11				
31	4	7-5½	45.		5-7½							-12				
32	2	7-6	23.		5-8							-13				
33	4	7-6½	45.		5-8½							-14				
34	2	7-7	23.		5-9							-15				
35	4	7-7½	46.		5-9½							-16				
36	2	7-8	23.		5-10							-17				
37	4	7-8½	46.		5-10½							-18				
38	2	U6 7-9	23.	0-11	5-11	0-11				CC	607	-19				⊔
39			4912.													
40																
41	20	L14 87-9	13426.	3-0	84-9					CF1405						L
42	8	L14 49-5	3024	3-0	46-5					CF1406						L

16450.

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1				28				55			
2				29				56			
3				30				57			
4				31				58			
5				32				59			
6				33				60			
7				34				61			
8				35				62			
9				36				63			
10				37				64			
11				38				65			
12				39				66			
13				40				67			
14				41				68			
15				42				69			
16				43				70			
17				44				71			
18				45				72			
19				46				73			
20				47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

TOTAL WEIGHT 27,412.

DATE SHIPPED

SHIPPED BY:

RECEIVED BY:

REF. DWG NO I-95-1(22)16

APPROVED

DRAWN	11/14/68	ADL
REVISION		
REVISION		
REVISION		

PIER 1S-C

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER CIANCHETTE BROS.
DESIGNER NHDPW & MSHC

ORDER

DWG. 68-142
2 OF 2

9

BENT BARS 1 OF 2

BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L"

ITEM	NO	MARK	WEIGHT	A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	4	U6 9-4	56.	3-2	3-0	3-2				CC	600	-1				⊔
2	4	9-4½	56.	3-2	3-0½	3-2						-2				
3	8	9-5	113.	3-2	3-1	3-2						-3				
4	4	9-5½	57.	3-2	3-1½	3-2						-4				
5	4	9-6	57.	3-2	3-2	3-2						-5				
6	4	9-8½	58.	3-3	3-2½	3-3						-6				
7	4	9-9	59.	3-3	3-3	3-3						-7				
8	8	9-9½	118.	3-3	3-3½	3-3						-8				
9	4	9-10	59.	3-3	3-4	3-3						-9				
10	4	9-10½	59.	3-3	3-4½	3-3						-10				
11	4	10-1	61.	3-4	3-5	3-4						-11				
12	4	10-1½	61.	3-4	3-5½	3-4						-12				
13	8	10-2	122.	3-4	3-6	3-4						-13				
14	4	10-2½	61.	3-4	3-6½	3-4						-14				
15	4	10-3	62.	3-4	3-7	3-4						-15				
16	4	10-5½	63.	3-5	3-7½	3-5						-16				
17	4	10-6	63.	3-5	3-8	3-5						-17				
18	8	10-6½	127.	3-5	3-8½	3-5						-18				
19	4	10-7	64.	3-5	3-9	3-5						-19				
20	4	10-7½	64.	3-5	3-9½	3-5						-20				
21	4	10-10	65.	3-6	3-10	3-6						-21				
22	4	10-10½	65.	3-6	3-10½	3-6						-22				
23	8	10-11	131.	3-6	3-11	3-6						-23				
24	4	10-11½	66.	3-6	3-11½	3-6						-24				
25	4	U6 11-0.	66	3-6	4-0	3-6				CC	600	-25				⊔
26	2	U6 6-2	19.	0-11	4-4	0-11				CC	601	-1				⊔
27	4	6-2½	37.		4-4½							-2				
28	2	6-3	19.		4-5							-3				
29	4	6-3½	38.		4-5½							-4				
30	2	6-4	19.		4-6							-5				
31	4	6-4½	38.		4-6½							-6				
32	2	6-5	19.		4-7							-7				
33	4	6-5½	39.		4-7½							-8				
34	2	6-6	20.		4-8							-9				
35	4	6-6½	39.		4-8½							-10				
36	2	6-7	20.		4-9							-11				
37	2	6-7½	20.		4-9½							-12				
38	2	6-8	20.		4-10							-13				
39	4	6-8½	40.		4-10½							-14				
40	2	6-9	20.		4-11							-15				
41	4	6-9½	41		4-11½							-16				
42	2	U6 6-10	21.	0-11	5-0	0-11				CC	601	-17				⊔

[illegible]

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1	76	10 18-6	6050.	28	CF1000			55			
2				29				56			
3				30				57			
4				31				58			
5				32				59			
6				33				60			
7				34				61			
8				35				62			
9				36				63			
10				37				64			
11				38				65			
12				39				66			
13				40				67			
14				41				68			
15				42				69			
16				43				70			
17				44				71			
18				45				72			
19				46				73			
20				47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

Q

TOTAL WEIGHT

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DRAWN	11/14/68	ADL.
REVISION		
REVISION		
REVISION		

PIER 1S-C

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER CIANCHETTE BROS.
DESIGNER NHDPW & M.SHC

ORDER

DWG. 68-142
1 OF 2

9

BENT BARS

BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L" 2 OF 2

ITEM	NO	MARK	WEIGHT	A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	4	U6 6-10½	41.	0-11	5-0	0-11				CC	601	-18				⊔
2	2	6-11	21.	0-11	5-1	0-11						-19				
3	4	6-11½	42.	0-11	5-1½	0-11						-20				
4	2	U6 7-0	21.	0-11	5-2	0-11				CC	601	-21				⊔
5	8	U6 11-0	132.	3-6	4-0	3-6				CC	604	-1				⊔
6	8	11-0½	133.	3-6	4-0½	3-6						-2				
7	4	11-1	67.	3-6	4-1	3-6						-3				
8	8	11-3½	136.	3-7	4-1½	3-7						-4				
9	8	11-4	136.	3-7	4-2	3-7						-5				
10	8	11-6½	139.	3-8	4-2½	3-8						-6				
11	4	11-7	70.	3-8	4-3	3-8						-7				
12	8	11-9½	142.	3-9	4-3½	3-9						-8				
13	8	11-10	142.	3-9	4-4	3-9						-9				
14	8	11-10½	143.	3-9	4-4½	3-9						-10				
15	4	12-1	73.	3-10	4-5	3-10						-11				
16	8	12-1½	146.	3-10	4-5½	3-10						-12				
17	8	12-4	148.	3-11	4-6	3-11						-13				
18	8	12-4½	149.	3-11	4-6½	3-11						-14				
19	4	12-7	76.	4-0	4-7	4-7						-15				
20	8	12-7½	152.	4-0	4-7½	4-7						-16				
21	8	U6 12-8	152	4-0	4-8	4-0				CC	604	-17				⊔
22	2	U6 7-0	21.	0-11	5-2	0-11				CC	605	-1				⊔
23	4	7-0½	42.		5-2½							-2				
24	2	7-1	21.		5-3							-3				
25	4	7-1½	43		5-3½							-4				
26	2	7-2	22.		5-4							-5				
27	4	7-2½	43		5-4½							-6				
28	2	7-3	22		5-5							-7				
29	4	7-3½	44.		5-5½							-8				
30	2	7-4	22		5-6							-9				
31	4	7-4½	44.		5-6½							-10				
32	2	7-5	22.		5-7							-11				
33	2	7-5½	22		5-7½							-12				
34	2	7-6	23.		5-8							-13				
35	4	7-6½	45		5-8½							-14				
36	2	7-7	23		5-9							-15				
37	4	7-7½	46.		5-9½							-16				
38	2	7-8	23.		5-10							-17				
39	4	7-8½	46.		5-10½							-18				
40	2	7-9	23.		5-11							-19				
41	4	7-9½	47.		5-11½							-20				
42	2	U6 7-10	24.	0-11	6-0	0-11				CC	605	-21				⊔

5231 BENT ~~STRAIGHT~~ BARS

ITEM	NO	MARK	WEIGHT	ITEM	A	B	MARK	ITEM	NO	MARK	WEIGHT
1	8	L14 52-2	3193	28	3-0	49-2	CF1404	55			
2	20	L14 28-2	4310	29	3-0	25-2	CF1403	56			
3			7503	30				57			
4				31				58			
5				32				59			
6				33				60			
7				34				61			
8				35				62			
9				36				63			
10				37				64			
11				38				65			
12				39				66			
13				40				67			
14				41				68			
15				42				69			
16				43				70			
17				44				71			
18				45				72			
19				46				73			
20				47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

TOTAL WEIGHT 23,576

DATE SHIPPED

SHIPPED BY:

RECEIVED BY:

REF. DWG. NO I-95-1(22)16

APPROVED

DRAWN	11/14/68	ADL
REVISION		
REVISION		
REVISION		

PIER 1S-B

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER CIANCHETTE BROS.
DESIGNER NHDPW & MSHC

ORDER

DWG. 68-142
2 OF 2

114-14

[illegible] ck

BENT BARS

BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L" 3 OF 3

ITEM	NO.	MARK	WEIGHT	A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	2	U6 7-7	23	0-11	5-9	0-11				DC	603	-15				⊔
2	4	7-7½	46		5-9½							-16				
3	2	7-8	23		5-10							-17				
4	4	7-8½	46		5-10½							-18				
5	2	7-9	23		5-11							-19				
6	4	7-9½	47		5-11½							-20				
7	2	U6 7-10	24	0-11	6-0	0-11				DC	603	-21				⊔
8			5489													
9																
10																
11	8	L14 55-8	3407	3-0	52-8					DF	1403					L
12	16	L14 41-11	5131	3-0	38-11					DF	1402					L
13	24	L14 31-8	5814	3-0	28-8					DF	1401					L
14			14352													
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																
25																
26																
27																
28																
29																
30																
31																
32																
33																
34																
35																
36																
37																
38																
39																
40																
41																
42																

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1				28				55			
2				29				56			
3				30				57			
4				31				58			
5				32				59			
6				33				60			
7				34				61			
8				35				62			
9				36				63			
10				37				64			
11				38				65			
12				39				66			
13				40				67			
14				41				68			
15				42				69			
16				43				70			
17				44				71			
18				45				72			
19				46				73			
20				47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

Q

TOTAL WEIGHT 38,136.

DATE SHIPPED
SHIPPED BY.
RECEIVED BY.
REF. DWG NO I-95-1(22)16
APPROVED

DRAWN	11/12/68	ADL
REVISION		
REVISION		
REVISION		

PIER 2S-A

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER CIANCHETTE BROS
DESIGNER N.H.DPW & M.S.H.C

ORDER
DWG [illegible]

[illegible] ck

BENT BARS

BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L" 2 OF 3

ITEM	NO	MARK	WEIGHT	A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	2	U6 6-8	20	0-11	4-10	0-11				DC	[illegible]	[illegible]				⊔
2	4	6-8½	40		4-10½							[illegible]				
3	2	6-9	20		4-11							[illegible]				
4	4	6-9½	41		4-11½							-16				
5	2	6-10	21		5-0							-17				
6	4	6-10½	41		5-0½							-18				
7	2	6-11	21		5-1							-19				
8	4	6-11½	42		5-1½							-20				
9	2	U6 7-0	21	0-11	5-2	0-11				DC	[illegible]	-21				⊔
10	8	U6 11-6	138	3-6	4-6	3-6				DC	602	-1				⊔
11	4	11-6½	69	3-6	4-6½	3-6						-2				
12	8	11-9	141	3-7	4-7	3-7						-3				
13	4	11-9½	71	3-7	4-7½	3-7						-4				
14	8	11-10	142	3-7	4-8	3-7						-5				
15	8	12-0½	145	3-8	4-8½	3-8						-6				
16	8	12-1	145	3-8	4-9	3-8						-7				
17	4	12-1½	73	3-8	4-9½	3-8						-8				
18	8	12-4	148	3-9	4-10	3-9						-9				
19	4	12-4½	74	3-9	4-10½	3-9						-10				
20	8	12-5	149	3-9	4-11	3-9						-11				
21	8	12-7½	152	3-10	4-11½	3-10						-12				
22	8	12-8	152	3-10	5-0	3-10						-13				
23	4	12-8½	76	3-10	5-0½	3-10						-14				
24	8	12-11	155	3-11	5-1	3-11						-15				
25	4	12-11½	78	3-11	5-1½	3-11						-16				
26	8	13-0	156	3-11	5-2	3-11						-17				
27	4	13-2½	79	4-0	5-2½	4-0						-18				
28	8	U6 13-3	159	4-0	5-3	4-0				DC	602	-19				⊔
29	2	U6 7-0	21	0-11	5-2	0-11				DC	603	-1				⊔
30	4	7-0½	42		5-2½							-2				
31	2	7-1	21		5-3							-3				
32	4	7-1½	43		5-3½							-4				
33	2	7-2	22		5-4							-5				
34	4	7-2½	43		5-4½							-6				
35	2	7-3	22		5-5							-7				
36	4	7-3½	44		5-5½							-8				
37	2	7-4	22		5-6							-9				
38	4	7-4½	44		5-6½							-10				
39	2	7-5	22		5-7							-11				
40	4	7-5½	[illegible]		5-7½							-12				
41	2	7-6	23		5-8							-13				
42	4	U6 7-6½	45	0-11	5-8½	0-11				DC	603	-14				⊔

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1				28				55			
2				29				56			
3				30				57			
4				31				58			
5				32				59			
6				33				60			
7				34				61			
8				35				62			
9				36				63			
10				37				64			
11				38				65			
12				39				66			
13				40				67			
14				41				68			
15				42				69			
16				43				70			
17				44				71			
18				45				72			
19				46				73			
20				47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

DATE SHIPPED
SHIPPED BY
RECEIVED BY
REF. DWG NO I-95-1(22)16
APPROVED

DRAWN	[illegible]	ADL
REVISION		
REVISION		
REVISION		

[illegible]

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER [illegible]
DESIGNER [illegible] M.S.H.C

ORDER
DWG 68-142
2 OF 3

[illegible] ck

BENT BARS

BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L" OF 3

ITEM	NO.	MARK	WEIGHT	A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	4	U6 9-7	58	3-2	3-3	3-2				DC	600	-1				⊔
2		9-7½	58		3-3½							-2				
3		9-8	58		3-4							-3				
4		9-8½	58		3-4½							-4				
5		9-9	59		3-5							-5				
6		9-9½	59	3-2	3-5½	3-2						-6				
7		10-0	60	3-3	3-6	3-3						-7				
8		10-0½	60		3-6½							-8				
9		10-1	61		3-7							-9				
10		10-1½	61		3-7½							-10				
11		10-2	61		3-8							-11				
12		10-2½	61	3-3	3-8½	3-3						-12				
13		10-5	63	3-4	3-9	3-4						-13				
14		10-5½	63		3-9½							-14				
15		10-6	63		3-10							-15				
16		10-7	64		3-11							-16				
17		10-7½	64		3-11½							-17				
18		10-8	64	3-4	4-0	3-4						-18				
19		10-10½	65	3-5	4-0½	3-5						-19				
20		10-11	[illegible]		4-1							-20				
21		10-11½	66		4-1½							-21				
22		11-0	66		4-2							-22				
23		11-0½	66		4-2½							-23				
24		11-1	67	3-5	4-3	3-5						24				
25		11-3½	68	3-6	4-3½	3-6						-25				
26		11-4	68		4-4							26				
27		11-4½	68		4-4½							-27				
28		11-5	69		4-5							-28				
29		11-5½	69		4-5½							-29				
30	4	11-6	69	3-6	4-6	3-6					600	-30				
31	2	6-2	19	0-11	4-4	0-11					601	-1				
32	4	6-2½	37		4-4½							-2				
33	2	6-3	19		4-5							-3				
34	4	6-3½	38		4-5½							-4				
35	2	6-4	19		4-6							-5				
36	4	6-4½	38		4-6½							-6				
37	2	6-5	19		4-7							-7				
38	4	6-5½	39		4-7½							-8				
39	2	6-6	20		4-8							-9				
40	4	6-6½	39		4-8½							-10				
41	2	6-7	20		4-9							-11				
42	2	U6 6-7½	20	0-11	4-9½	0-11				DC	601	-12				⊔

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1	78	10 19-6	6545	28	DF 1000			55			
2				29				56			
3				30				57			
4	24	14 64-0	11750	31	DC1400			58			
5				32				59			
6				33				60			
7				34				61			
8				35				62			
9				36				63			
10				37				64			
11				38				65			
12				39				66			
13				40				67			
14				41				68			
15				42				69			
16				43				70			
17				44				71			
18				45				72			
19				46				73			
20				47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

Q

TOTAL WEIGHT

DATE SHIPPED
SHIPPED BY.
RECEIVED BY.
REF. DWG NO I-95-1(22)16
APPROVED

DRAWN	11/12/68	
REVISION		
REVISION		
REVISION		

PIER 2S-A

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER CIANCHETTE BROS
DESIGNER NHDPW & MSHC

ORDER
DWG. 68-142
1 OF 3

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9 ck

BENT BARS

BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L" [illegible]

ITEM	NO	MARK	WEIGHT	A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	4	U6 6-10½	41	0-11	5-0½	0-11				CC	601	-18				⊔
2	2	6-11	21	0-11	5-1	0-11						-19				
3	4	6-11½	42	0-11	5-1½	0-11						-20				
4	2	U6 7-0	21	0-11	5-2	0-11				CC	601	-21				⊔
5	8	U6 11-0	132	3-6	4-0	3-6				CC	608	-1				⊔
6	8	11-0½	133	3-6	4-0½	3-6						-2				
7	8	11-1	133	3-6	4-1	3-6						-3				
8	8	11-1½	134	3-6	4-1½	3-6						-4				
9	4	11-4	68	3-7	4-2	3-6						-5				
10	8	11-4½	137	3-7	4-2½	3-7						-6				
11	8	11-5	137	3-7	4-3	3-7						-7				
12	8	11-5½	138	3-7	4-3½	3-7						-8				
13	4	11-6	69	3-7	4-4	3-7						-9				
14	8	11-8½	141	3-8	4-4½	3-8						-10				
15	8	11-9	141	3-8	4-5	3-8						-11				
16	8	11-9½	142	3-8	4-5½	3-8						-12				
17	8	U6 11-10	142	3-8	4-6	3-8				CC	608	-13				⊔
18	2	U6 7-0	21	0-11	5-2	0-11				CC	609	-1				⊔
19	4	7-0½	42		5-2½							-2				
20	2	7-1	21		5-3							-3				
21	4	7-1½	43		5-3½							-4				
22	2	7-2	22		5-4							-5				
23	4	7-2½	43		5-4½							-6				
24	2	7-3	22		5-5							-7				
25	4	7-3½	44		5-5½							-8				
26	2	7-4	22		5-6							-9				
27	2	7-4½	22		5-6½							-10				
28	2	7-5	22		5-7							-11				
29	4	7-5½	45		5-7½							-12				
30	2	7-6	23		5-8							-13				
31	4	7-6½	45		5-8½							-14				
32	2	7-7	23		5-9							-15				
33	4	7-7½	46		5-9½							-16				
34	2	U6 7-8	23	0-11	5-10	0-11				CC	609	-17				⊔
35			4603													
36																
37	20	L14 83-8	12,801	3-0	80-8					CF	1407					L
38	8	L14 47-5	2,902	3-0	44-5					CF	1408					L
39			15703													
40																
41																
42																

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1				28				55			
2				29				56			
3				30				57			
4				31				58			
5				32				59			
6				33				60			
7				34				61			
8				35				62			
9				36				63			
10				37				64			
11				38				65			
12				39				66			
13				40				67			
14				41				68			
15				42				69			
16				43				70			
17				44				71			
18				45				72			
19				46				73			
20				47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

TOTAL WEIGHT [illegible]

DATE SHIPPED
SHIPPED BY:
RECEIVED BY:
REF. DWG NO I-95-1(22)16
APPROVED

DRAWN	11/[illegible]/68	ADL
REVISION		
REVISION		
REVISION		

PIER 1S-D

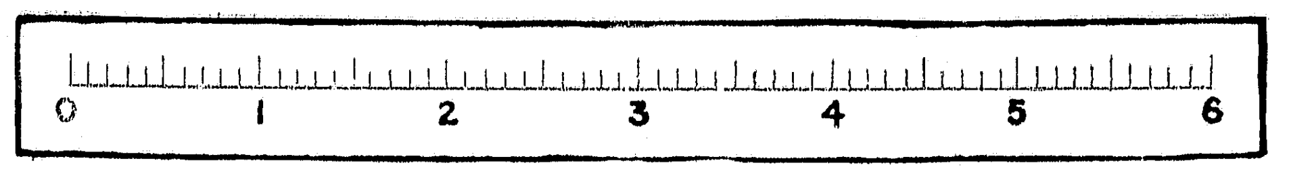
Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER [illegible]
KITTERY MAINE

CUSTOMER CIANCHETTE BROS
DESIGNER NHDPW & MSHC

ORDER
DWG. 68-14[illegible]

114



9

BENT BARS

BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L" — 1 OF 2

ITEM	NO	MARK	WEIGHT	A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	4	U6 9-7	58.	3-2	3-3	3-2				DC	600	-1				⊔
2		9-7½	58.		3-3½							-2				
3		9-8	58.		3-4							-3				
4		9-8½	58.		3-4½							-4				
5		9-9	59.	↓	3-5	↓						-5				
6		9-9½	59.	3-2	3-5½	3-2						-6				
7		10-0	60	3-3	3-6	3-3						-7				
8		10-0½	60.		3-6½							-8				
9		10-1	61.		3-7							-9				
10		10-1½	61.		3-7½							-10				
11		10-2	61.	↓	3-8	↓						-11				
12		10-2½	61	3-3	3-8½	3-3						-12				
13		10-5	63.	3-4	3-9	3-4						-13				
14		10-5½	63.		3-9½							-14				
15		10-6	63.		3-10							-15				
16		10-7	64.		3-11							-16				
17		10-7½	64.	↓	3-11½	↓						-17				
18		10-8	64.	3-4	4-0	3-4						-18				
19		10-10½	65.	3-5	4-0½	3-5						-19				
20		10-11	66		4-1							-20				
21		10-11½	66.		4-1½							-21				
22		11-0	66		4-2							-22				
23		11-0½	66.	↓	4-2½	↓						-23				
24		11-1	67.	3-5	4-3	3-5						24				
25		11-3½	68	3-6	4-3½	3-6						-25				
26		11-4	68.		4-4							-26				
27		11-4½	68.		4-4½							-27				
28		11-5	69.		4-5							-28				
29	↓	11-5½	69.	↓	4-5½	↓					↓	-29				
30	4	11-6	69.	3-6	4-6	3-6					600	-30				
31	2	6-2	19.	0-11	4-4	0-11					601	-1				
32	4	6-2½	37.		4-4½							-2				
33	2	6-3	19.		4-5							-3				
34	4	6-3½	38.		4-5½							-4				
35	2	6-4	19.		4-6							-5				
36	4	6-4½	38.		4-6½							-6				
37	2	6-5	19.		4-7							-7				
38	4	6-5½	39.		4-7½							-8				
39	2	6-6	20.		4-8							-9				
40	4	6-6½	39.		4-8½							-10				
41	2	↓ 6-7	20.	↓	4-9	↓				↓	↓	-11				↓
42	2	U6 6-7½	20.	0-11	4-9½	0-11				DC	601	-12				⊔

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1	78	10 19-6	6545.	28	DF 1000			55			
2				29				56			
3				30				57			
4	24	14 64-0	11750.	31	DC 1402			58			
5				32				59			
6				33				60			
7				34				61			
8				35				62			
9				36				63			
10				37				64			
11				38				65			
12				39				66			
13				40				67			
14				41				68			
15				42				69			
16				43				70			
17				44				71			
18				45				72			
19				46				73			
20				47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

Q

TOTAL WEIGHT 36,373

DATE SHIPPED

SHIPPED BY:

RECEIVED BY:

REF. DWG. NO. I-95-1(22)16

APPROVED

DRAWN	11/12/68	
REVISION		
REVISION		
REVISION		

PIER 2S-C

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER CIANCHETTE BROS
DESIGNER NHDPW & MSHC

ORDER

DWG. 68-142
1 OF 2

---

9 SS CK

BENT BARS

BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L" — 3 OF 3

ITEM	NO.	MARK	WEIGHT	A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	4	U6 7-8	46	0-11	5-10	0-11				DC	605	-17				⊔
2	2	U6 7-8½	23	0-11	5-10½	0-11				DC	605	-18				⊔
3	4	U6 7-9	47	0-11	5-11	0-11				DC	605	-19				⊔
4			5289													
5																
6																
7	8	L14 52-5	3208	3-0	49-5					DF	1406					└
8	16	L14 40-10	4998	3-0	37-10					DF	1404					└
9	24	L14 28-5	5217	3-0	25-5					DF	1405					└
10			13423													
11																
12																
13																
14																
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																
25																
26																
27																
28																
29																
30																
31																
32																
33																
34																
35																
36																
37																
38																
39																
40																
41																
42																

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1				28				55			
2				29				56			
3				30				57			
4				31				58			
5				32				59			
6				33				60			
7				34				61			
8				35				62			
9				36				63			
10				37				64			
11				38				65			
12				39				66			
13				40				67			
14				41				68			
15				42				69			
16				43				70			
17				44				71			
18				45				72			
19				46				73			
20				47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

Q

TOTAL WEIGHT 37,007

DATE SHIPPED

SHIPPED BY:

RECEIVED BY:

REF. DWG. NO. I-95-1(22)16

APPROVED

DRAWN	11/12/68	ADL
REVISION		
REVISION		
REVISION		

PIER 2S-B

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER CIANCHETTE BROS
DESIGNER N.H.DPW & M.S.H.C

ORDER

DWG. 68-142
3 of 3

---

9 SS CK

BENT BARS

BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L" — 2 OF 3

ITEM	NO.	MARK	WEIGHT	A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	2	U6 6-8	20	0-11	4-10	0-11				DC	601	-13				⊔
2	4	6-8½	40		4-10½							-14				
3	2	6-9	20		4-11							-15				
4	4	6-9½	41		4-11½							-16				
5	2	6-10	21		5-0							-17				
6	4	6-10½	41		5-0½							-18				
7	2	6-11	21		5-1							-19				
8	4	↓ 6-11½	42	↓	5-1½	↓				↓	↓	-20				↓
9	2	U6 7-0	21	0-11	5-2	0-11				DC	601	-21				⊔
10	8	U6 11-6	138.	3-6	4-6	3-6				DC	604	-1				⊔
11	8	11-6½	139.	3-6	4-6½	3-6						-2				
12	4	11-9	71.	3-7	4-7	3-7						-3				
13	8	11-9½	142	3-7	4-7½	3-7						-4				
14	8	12-0	145	3-8	4-8	3-8						-5				
15	4	12-0½	72	3-8	4-8½	3-8						-6				
16	8	12-1	145	3-8	4-9	3-8						-7				
17	8	12-3½	148	3-9	4-9½	3-9						-8				
18	4	12-4	74	3-9	4-10	3-9						-9				
19	8	12-4½	149	3-9	4-10½	3-9						-10				
20	8	12-7	151	3-10	4-11	3-10						-11				
21	4	12-7½	76	3-10	4-11½	3-10						-12				
22	8	12-8	152	3-10	5-0	3-10						-13				
23	8	12-10½	155	3-11	5-0½	3-11						-14				
24	4	12-11	78	3-11	5-1	3-11						-15				
25	8	↓ 13-1½	158	4-0	5-1½	4-0				↓	↓	-16				↓
26	8	U6 13-2	158	4-0	5-2	4-0				DC	604	-17				⊔
27	4	U6 7-0	42	0-11	5-2	0-11				DC	605	-1				⊔
28	2	7-0½	21		5-2½							-2				
29	4	7-1	42		5-3							-3				
30	2	7-1½	21		5-3½							-4				
31	4	7-2	43		5-4							-5				
32	2	7-2½	22		5-4½							-6				
33	4	7-3	44		5-5							-7				
34	2	7-3½	22		5-5½							-8				
35	4	7-4	44		5-6							-9				
36	2	7-4½	22		5-6½							-10				
37	4	7-5	44		5-7							-11				
38	2	7-5½	22		5-7½							-12				
39	4	7-6	45		5-8							-13				
40	2	7-6½	23		5-8½							-14				
41	4	↓ 7-7	46	↓	5-9	↓				↓	↓	-15				↓
42	2	U6 7-7½	23	0-11	5-9½	0-11				DC	605	-16				⊔

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1				28				55			
2				29				56			
3				30				57			
4				31				58			
5				32				59			
6				33				60			
7				34				61			
8				35				62			
9				36				63			
10				37				64			
11				38				65			
12				39				66			
13				40				67			
14				41				68			
15				42				69			
16				43				70			
17				44				71			
18				45				72			
19				46				73			
20				47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

Q

TOTAL WEIGHT

DATE SHIPPED

SHIPPED BY:

RECEIVED BY:

REF. DWG. NO. I-95-1(22)16

APPROVED

DRAWN	11/12/68	ADL
REVISION		
REVISION		
REVISION		

PIER 2S-B

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER CIANCHETTE BROS
DESIGNER NHDPW & MSHC

ORDER

DWG. 68-142
2 OF 3

SS CK

BENT BARS

BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L" — OF 3

ITEM	NO	MARK	WEIGHT	A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	4	U6 9-7	58	3-2	3-3	3-2				DC	600	-1				⊔
2		9-7½	58		3-3½							-2				
3		9-8	58		3-4							-3				
4		9-8½	58		3-4½							-4				
5		9-9	59	↓	3-5	↓						-5				
6		9-9½	59	3-2	3-5½	3-2						-6				
7		10-0	60	3-3	3-6	3-3						-7				
8		10-0½	60		3-6½							-8				
9		10-1	61		3-7							-9				
10		10-1½	61		3-7½							-10				
11		10-2	61	↓	3-8	↓						-11				
12		10-2½	61	3-3	3-8½	3-3						-12				
13		10-5	63	3-4	3-9	3-4						-13				
14		10-5½	63		3-9½							-14				
15		10-6	63		3-10							-15				
16		10-7	64		3-11							-16				
17		10-7½	64	↓	3-11½	↓						-17				
18		10-8	64	3-4	4-0	3-4						-18				
19		10-10½	65.	3-5	4-0½	3-5						-19				
20		10-11	66		4-1							-20				
21		10-11½	66		4-1½							-21				
22		11-0	66		4-2							-22				
23		11-0½	66	↓	4-2½	↓						-23				
24		11-1	67	3-5	4-3	3-5						24				
25		11-3½	68	3-6	4-3½	3-6						-25				
26		11-4	68		4-4							-26				
27		11-4½	68		4-4½							-27				
28		11-5	69		4-5							-28				
29	↓	11-5½	69	↓	4-5½	↓					↓	-29				
30	4	11-6	69	3-6	4-6	3-6					600	-30				
31	2	6-2	19	0-11	4-4	0-11					601	-1				
32	4	6-2½	37		4-4½							-2				
33	2	6-3	19		4-5							-3				
34	4	6-3½	38		4-5½							-4				
35	2	6-4	19		4-6							-5				
36	4	6-4½	38		4-6½							-6				
37	2	6-5	19		4-7							-7				
38	4	6-5½	39		4-7½							-8				
39	2	6-6	20		4-8							-9				
40	4	6-6½	39		4-8½							-10				
41	2	↓ 6-7	20	↓	4-9	↓				↓	↓	-11				↓
42	2	U6 6-7½	20	0-11	4-9½	0-11				DC	601	-12				⊔

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1	78	10 19-6	6545	28	DF 1000			55			
2				29				56			
3				30				57			
4	24	14 64-0	11750	31	DC 1401			58			
5				32				59			
6				33				60			
7				34				61			
8				35				62			
9				36				63			
10				37				64			
11				38				65			
12				39				66			
13				40				67			
14				41				68			
15				42				69			
16				43				70			
17				44				71			
18				45				72			
19				46				73			
20				47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

Q

TOTAL WEIGHT

DATE SHIPPED

SHIPPED BY:

RECEIVED BY:

REF. DWG. NO. I-95-1(22)16

APPROVED

DRAWN	11/12/68	
REVISION		
REVISION		
REVISION		

PIER 2S-B

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER CIANCHETTE BROS
DESIGNER NHDPW & MSHC

ORDER

DWG. 68-142
1 OF 3

114-149

BENT BARS

ITEM	NO	MARK	WEIGHT	BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L"												1 OF 3
				A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	4	U6 9-7	58	3-2	3-3	3-2				EC	600	-1				⊔
2		9-7½	58		3-3½							-2				
3		9-8	58		3-4							-3				
4		9-8½	58		3-4½							-4				
5		9-9	59	↓	3-5	↓						-5				
6		9-9½	59	3-2	3-5½	3-2						-6				
7		10-0	60	3-3	3-6	3-3						-7				
8		10-0½	60		3-6½							-8				
9		10-1	61		3-7							-9				
10		10-1½	61		3-7½							-10				
11		10-2	61	↓	3-8	↓						-11				
12		10-2½	61	3-3	3-8½	3-3						-12				
13		10-5	63	3-4	3-9	3-4						-13				
14		10-5½	63		3-9½							-14				
15		10-6	63		3-10							-15				
16		10-7	64		3-11							-16				
17		10-7½	64	↓	3-11½	↓						-17				
18		10-8	64	3-4	4-0	3-4						-18				
19		10-10½	65	3-5	4-0½	3-5						-19				
20		10-11	66		4-1							-20				
21		10-11½	66		4-1½							-21				
22		11-0	66		4-2							-22				
23		11-0½	66	↓	4-2½	↓						-23				
24		11-1	67	3-5	4-3	3-5						24				
25		11-3½	68	3-6	4-3½	3-6						-25				
26		11-4	68		4-4							-26				
27		11-4½	68		4-4½							-27				
28	↓	11-5	69		4-5							-28				
29		11-5½	69	↓	4-5½	↓					↓	-29				
30	4	11-6	69	3-6	4-6	3-6					600	-30				
31	2	6-2	19	0-11	4-4	0-11					601	-1				
32	4	6-2½	37		4-4½							-2				
33	2	6-3	19		4-5							-3				
34	4	6-3½	38		4-5½							-4				
35	2	6-4	19		4-6							-5				
36	4	6-4½	38		4-6½							-6				
37	2	6-5	19		4-7							-7				
38	4	6-5½	39		4-7½							-8				
39	2	6-6	20		4-8							-9				
40	4	6-6½	39		4-8½							-10				
41	2	↓ 6-7	20	↓	4-9	↓				↓	↓	-11				↓
42	2	U6 6-7½	20	0-11	4-9½	0-11				EC	601	-12				⊔

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1	78	10 19-6	6545	28	EF 1000			55			
2				29				56			
3				30				57			
4				31				58			
5				32				59			
6				33				60			
7				34				61			
8				35				62			
9				36				63			
10				37				64			
11				38				65			
12				39				66			
13				40				67			
14				41				68			
15				42				69			
16				43				70			
17				44				71			
18				45				72			
19				46				73			
20				47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

Q

TOTAL WEIGHT

DATE SHIPPED

SHIPPED BY

RECEIVED BY

REF. DWG NO I-95-1(22)16

APPROVED

DRAWN	11/12/68	ADL
REVISION		
REVISION		
REVISION		

PIER 3S-A

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER CIANCHETTE BROS
DESIGNER NHDPW & MSHC

ORDER
DWG 68-142

BENT BARS

ITEM	NO.	MARK	WEIGHT	BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L"												2 OF 2
				A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	2	U6 6-8	20	0-11	4-10	0-11				DC	601	-13				⊔
2	4	6-8½	40		4-10½							-14				
3	2	6-9	20		4-11							-15				
4	4	6-9½	41		4-11½							-16				
5	2	6-10	21		5-0							-17				
6	4	6-10½	41		5-0½							-18				
7	2	6-11	21		5-1							-19				
8	4	↓ 6-11½	42	↓	5-1½	↓				↓		-20				↓
9	2	U6 7-0	21	0-11	5-2	0-11				DC	601	-21				⊔
10	8	U6 11-6	138	3-6	4-6	3-6				DC	608	-1				⊔
11	4	11-6½	69	3-6	4-6½	3-6						-2				
12	8	11-9	141	3-7	4-7	3-7						-3				
13	8	11-9½	142	3-7	4-7½	3-7						-4				
14	4	12-0	72	3-8	4-8	3-8						-5				
15	8	12-0½	145	3-8	4-8½	3-8						-6				
16	8	12-3	147	3-9	4-9	3-9						-7				
17	8	12-3½	148	3-9	4-9½	3-9						-8				
18	4	12-4	74	3-9	4-10	3-9						-9				
19	8	12-6½	151	3-10	4-10½	3-10						-10				
20	8	12-7	151	3-10	4-11	3-10						-11				
21	8	12-9½	154	3-11	4-11½	3-11						-12				
22	4	12-10	77	3-11	5-0	3-11						-13				
23	8	↓ 13-0½	157	4-0	5-0½	4-0				↓	↓	-14				↓
24	8	U6 13-1	157	4-0	5-1	4-0				DC	608	-15				⊔
25	4	U6 7-0	42	0-11	5-2	0-11				DC	609	-1				⊔
26	2	7-0½	21		5-2½							-2				
27	4	7-1	43		5-3							-3				
28	2	7-1½	21		5-3½							-4				
29	4	7-2	43		5-4							-5				
30	2	7-2½	22		5-4½							-6				
31	4	7-3	44		5-5							-7				
32	2	7-3½	22		5-5½							-8				
33	4	7-4	44		5-6							-9				
34	2	7-4½	22		5-6½							-10				
35	4	7-5	45		5-7							-11				
36	2	7-5½	22		5-7½							-12				
37	4	7-6	45		5-8							-13				
38	2	7-6½	23		5-8½							-14				
39	4	7-7	46		5-9							-15				
40	2	↓ 7-7½	23	↓	5-9½	↓				↓	↓	-16				↓
41	4	U6 7-8	46	0-11	5-10	0-11				DC	609	-17				⊔
42			4293													

BENT ~~STRAIGHT~~ BARS

ITEM	NO	MARK	WEIGHT	ITEM	~~NO~~ A	~~MARK~~ B	~~WEIGHT~~ MARK	ITEM	NO	MARK	WEIGHT
1	24	L14 89-5	16417	28	3-0	86-5	DF1412	55			
2	8	L14 51-0	3121	29	3-0	48-0	DF1410	56			
3	16	L14 39-6	4835	30	3-0	36-6	DF1411	57			
4			24373	31				58			
5				32				59			
6				33				60			
7				34				61			
8				35				62			
9				36				63			
10				37				64			
11				38				65			
12				39				66			
13				40				67			
14				41				68			
15				42				69			
16				43				70			
17				44				71			
18				45				72			
19				46				73			
20				47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

Q

TOTAL WEIGHT 35,911

DATE SHIPPED

SHIPPED BY

RECEIVED BY

REF. DWG NO I-95-1(22)16

APPROVED

DRAWN	11/12/68	ADL
REVISION		
REVISION		
REVISION		

PIER 2S-D

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER CIANCHETTE BROS
DESIGNER NHDPW & MSHC

ORDER
DWG. 68-142
2 OF 2

BENT BARS

ITEM	NO	MARK	WEIGHT	BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L"												02
				A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	4	U6 9-7	58	3-2	3-3	3-2				DC	600	-1				⊔
2		9-7½	58		3-3½							-2				
3		9-8	58		3-4							-3				
4		9-8½	58		3-4½							-4				
5		9-9	59	↓	3-5	↓						-5				
6		9-9½	59	3-2	3-5½	3-2						-6				
7		10-0	60	3-3	3-6	3-3						-7				
8		10-0½	60		3-6½							-8				
9		10-1	61		3-7							-9				
10		10-1½	61		3-7½							-10				
11		10-2	61	↓	3-8	↓						-11				
12		10-2½	61	3-3	3-8½	3-3						-12				
13		10-5	63	3-4	3-9	3-4						-13				
14		10-5½	63		3-9½							-14				
15		10-6	63		3-10							-15				
16		10-7	64		3-11							-16				
17		10-7½	64	↓	3-11½	↓						-17				
18		10-8	64	3-4	4-0	3-4						-18				
19		10-10½	65	3-5	4-0½	3-5						-19				
20		10-11	66		4-1							-20				
21		10-11½	66		4-1½							-21				
22		11-0	66		4-2							-22				
23		11-0½	66	↓	4-2½	↓						-23				
24		11-1	67	3-5	4-3	3-5						24				
25		11-3½	68	3-6	4-3½	3-6						-25				
26		11-4	68		4-4							-26				
27		11-4½	68		4-4½							-27				
28	↓	11-5	69		4-5							-28				
29		11-5½	69	↓	4-5½	↓					↓	-29				
30	4	11-6	69	3-6	4-6	3-6					600	-30				
31	2	6-2	19	0-11	4-4	0-11					601	-1				
32	4	6-2½	37		4-4½							-2				
33	2	6-3	19		4-5							-3				
34	4	6-3½	38		4-5½							-4				
35	2	6-4	19		4-6							-5				
36	4	6-4½	38		4-6½							-6				
37	2	6-5	19		4-7							-7				
38	4	6-5½	39		4-7½							-8				
39	2	6-6	20		4-8							-9				
40	4	6-6½	39		4-8½							-10				
41	2	↓ 6-7	20	↓	4-9	↓				↓	↓	-11				↓
42	2	U6 6-7½	20	0-11	4-9½	0-11				DC	601	-12				⊔

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1	78	10 19-6	6545	28	DF 1000			55			
2				29				56			
3				30				57			
4				31				58			
5				32				59			
6				33				60			
7				34				61			
8				35				62			
9				36				63			
10				37				64			
11				38				65			
12				39				66			
13				40				67			
14				41				68			
15				42				69			
16				43				70			
17				44				71			
18				45				72			
19				46				73			
20				47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

Q

TOTAL WEIGHT 35911

DATE SHIPPED

SHIPPED BY

RECEIVED BY

REF. DWG NO I-95-1(22)16

APPROVED

DRAWN	11/12/68	ADL
REVISION		
REVISION		
REVISION		

PIER 2S-D

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER CIANCHETTE BROS
DESIGNER NHDPW & MSHC

ORDER
DWG. 68-142
1 OF 2

BENT BARS

ITEM	NO.	MARK	WEIGHT	BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L"												2 OF 2
				A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	2	U6 6-8	20	0-11	4-10	0-11				DC	601	-13				⊔
2	4	6-8½	40		4-10½							-14				
3	2	6-9	20		4-11							-15				
4	4	6-9½	41		4-11½							-16				
5	2	6-10	21		5-0							-17				
6	4	6-10½	41		5-0½							-18				
7	2	6-11	21		5-1							-19				
8	4	↓ 6-11½	42	↓	5-1½	↓				↓		-20				↓
9	2	U6 7-0	21	0-11	5-2	0-11				DC	601	-21				⊔
10	8	U6 11-6	138	3-6	4-6	3-6				DC	606	-1				⊔
11	8	11-6½	139	3-6	4-6½	3-6						-2				
12	8	11-9	141	3-7	4-7	3-7						-3				
13	8	11-9½	142	3-7	4-7½	3-7						-4				
14	4	12-0	72	3-8	4-8	3-8						-5				
15	8	12-0½	145	3-8	4-8½	3-8						-6				
16	8	12-3	147	3-9	4-9	3-9						-7				
17	8	12-3½	148	3-9	4-9½	3-9						-8				
18	8	12-4	148	3-9	4-10	3-9						-9				
19	4	12-6½	75	3-10	4-10½	3-10						-10				
20	8	12-7	151	3-10	4-11	3-10						-11				
21	8	12-9½	154	3-11	4-11½	3-11						-12				
22	8	12-10	154	3-11	5-0	3-11						-13				
23	8	↓ 13-0½	157	4-0	5-0½	4-0				↓	↓	-14				↓
24	4	U6 13-1	79	4-0	5-1	4-0				DC	606	-15				⊔
25	2	U6 7-0	21	0-11	5-2	0-11				DC	607	-1				⊔
26	2	7-0½	21		5-2½							-2				
27	4	7-1	43		5-3							-3				
28	4	7-1½	43		5-3½							-4				
29	2	7-2	22		5-4							-5				
30	4	7-2½	43		5-4½							-6				
31	4	7-3	44		5-5							-7				
32	2	7-3½	22		5-5½							-8				
33	4	7-4	44		5-6							-9				
34	4	7-4½	44		5-6½							-10				
35	2	7-5	22		5-7							-11				
36	4	7-5½	45		5-7½							-12				
37	4	7-6	45		5-8							-13				
38	2	7-6½	23		5-8½							-14				
39	4	7-7	46		5-9							-15				
40	4	↓ 7-7½	46	↓	5-9½	↓				↓	↓	-16				↓
41	2	U6 7-8	23	0-11	5-10	0-11				DC	607	-17				⊔
42			5083													

BENT ~~STRAIGHT~~ BARS

ITEM	NO	MARK	WEIGHT	ITEM	~~NO~~ A	~~MARK~~ B	~~WEIGHT~~ MARK	ITEM	NO.	MARK	WEIGHT
1	8	L14 57-8	3162	28	3-0	48-8	DF1407	55	∟		
2	16	L14 40-4	4937	29	3-0	37-4	DF1409	56	∟		
3	24	L14 26-8	4896	30	3-0	23-8	DF1408	57	∟		
4			12995	31				58			
5				32				59			
6				33				60			
7				34				61			
8				35				62			
9				36				63			
10				37				64			
11				38				65			
12				39				66			
13				40				67			
14				41				68			
15				42				69			
16				43				70			
17				44				71			
18				45				72			
19				46				73			
20				47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

Q

TOTAL WEIGHT

DATE SHIPPED

SHIPPED BY

RECEIVED BY

REF. DWG NO I-95-1(22)16

APPROVED

DRAWN	11/12/68	ADL
REVISION		
REVISION		
REVISION		

PIER 2S-C

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER CIANCHETTE BROS
DESIGNER NHDPW & MSHC

ORDER
DWG. 68-142
2 OF 2

114-155

BENT BARS

BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L" 2 OF 3

ITEM	NO.	MARK	WEIGHT	A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	2	U6 6-8	20	0-11	4-10	0-11				EC	601	-13				⊔
2	4	6-8½	40		4-10½							-14				
3	2	6-9	20		4-11							-15				
4	4	6-9½	41		4-11½							-16				
5	2	6-10	21		5-0							-17				
6	4	6-10½	41		5-0½							-18				
7	2	6-11	21		5-1							-19				
8	4	6-11½	42		5-1½							-20				
9	2	U6 7-0	21	0-11	5-2	0-11				EC	601	-21				⊔
10	8	U6 11-6	138	3-6	4-6	3-6				EC	604	-1				⊔
11	8	11-6½	139	3-6	4-6½	3-6						-2				
12	4	11-9	71	3-7	4-7	3-7						-3				
13	8	11-9½	142	3-7	4-7½	3-7						-4				
14	8	12-0	144	3-8	4-8	3-8						-5				
15	4	12-0½	72	3-8	4-8½	3-8						-6				
16	8	12-1	145	3-8	4-9	3-8						-7				
17	8	12-3½	148	3-9	4-9½	3-9						-8				
18	4	12-4	74	3-9	4-10	3-9						-9				
19	8	12-4½	149	3-9	4-10½	3-9						-10				
20	8	12-7	151	3-10	4-11	3-10						-11				
21	4	12-7½	76	3-10	4-11½	3-10						-12				
22	8	12-8	152	3-10	5-0	3-10						-13				
23	8	12-10½	155	3-11	5-0½	3-11						-14				
24	4	12-11	78	3-11	5-1	3-11						-15				
25	8	13-1½	158	4-0	5-1½	4-0						-16				
26	8	U6 13-2	158	4-0	5-2	4-0				EC	604	-17				⊔
27	4	U6 7-0	42	0-11	5-2	0-11				EC	605	-1				⊔
28	2	7-0½	21		5-2½							-2				
29	4	7-1	43		5-3							-3				
30	2	7-1½	21		5-3½							-4				
31	4	7-2	43		5-4							-5				
32	2	7-2½	22		5-4½							-6				
33	4	7-3	44		5-5							-7				
34	2	7-3½	22		5-5½							-8				
35	4	7-4	44		5-6							-9				
36	2	7-4½	22		5-6½							-10				
37	4	7-5	45		5-7							-11				
38	2	7-5½	22		5-7½							-12				
39	4	7-6	45		5-8							-13				
40	2	7-6½	23		5-8½							-14				
41	4	7-7	46		5-9							-15				
42	2	U6 7-7½	23	0-11	5-9½	0-11				EC	605	-16				⊔

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1				28				55			
2				29				56			
3				30				57			
4				31				58			
5				32				59			
6				33				60			
7				34				61			
8				35				62			
9				36				63			
10				37				64			
11				38				65			
12				39				66			
13				40				67			
14				41				68			
15				42				69			
16				43				70			
17				44				71			
18				45				72			
19				46				73			
20				47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

TOTAL WEIGHT

DATE SHIPPED
SHIPPED BY
RECEIVED BY
REF. DWG. NO. I-95-1(22)16
APPROVED

PIER 3S-B

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER CIANCHETTE BROS
DESIGNER NHDPW & MSHC

DRAWN	11/12/68	ADL
REVISION		
REVISION		
REVISION		

ORDER
DWG. 68-142
2 OF 3

BENT BARS

BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L" 1 OF 3

ITEM	NO	MARK	WEIGHT	A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	4	U6 9-7	58	3-2	3-3	3-2				EC	600	-1				⊔
2		9-7½	58		3-3½							-2				
3		9-8	58		3-4							-3				
4		9-8½	58		3-4½							-4				
5		9-9	59		3-5							-5				
6		9-9½	59	3-2	3-5½	3-2						-6				
7		10-0	60	3-3	3-6	3-3						-7				
8		10-0½	60		3-6½							-8				
9		10-1	61		3-7							-9				
10		10-1½	61		3-7½							-10				
11		10-2	61		3-8							-11				
12		10-2½	61	3-3	3-8½	3-3						-12				
13		10-5	63	3-4	3-9	3-4						-13				
14		10-5½	63		3-9½							-14				
15		10-6	63		3-10							-15				
16		10-7	64		3-11							-16				
17		10-7½	64		3-11½							-17				
18		10-8	64	3-4	4-0	3-4						-18				
19		10-10½	65	3-5	4-0½	3-5						-19				
20		10-11	66		4-1							-20				
21		10-11½	66		4-1½							-21				
22		11-0	66		4-2							-22				
23		11-0½	66		4-2½							-23				
24		11-1	67	3-5	4-3	3-5						-24				
25		11-3½	68	3-6	4-3½	3-6						-25				
26		11-4	68		4-4							-26				
27		11-4½	68		4-4½							-27				
28		11-5	69		4-5							-28				
29		11-5½	69		4-5½							-29				
30	4	11-6	69	3-6	4-6	3-6					600	-30				
31	2	6-2	19	0-11	4-4	0-11					601	-1				
32	4	6-2½	37		4-4½							-2				
33	2	6-3	19		4-5							-3				
34	4	6-3½	38		4-5½							-4				
35	2	6-4	19		4-6							-5				
36	4	6-4½	38		4-6½							-6				
37	2	6-5	19		4-7							-7				
38	4	6-5½	39		4-7½							-8				
39	2	6-6	20		4-8							-9				
40	4	6-6½	39		4-8½							-10				
41	2	6-7	20		4-9							-11				
42	2	U6 6-7½	20	0-11	4-9½	0-11				EC	601	-12				⊔

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1	24	14 64-0	11750	28	EC 1400			55			
2				29				56			
3				30				57			
4	78	10 19-6	6545	31	EF1000			58			
5				32				59			
6				33				60			
7				34				61			
8				35				62			
9				36				63			
10				37				64			
11				38				65			
12				39				66			
13				40				67			
14				41				68			
15				42				69			
16				43				70			
17				44				71			
18				45				72			
19				46				73			
20				47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

TOTAL WEIGHT 37,314

DATE SHIPPED
SHIPPED BY
RECEIVED BY
REF. DWG. NO. I-95-1(22)16
APPROVED

PIER 3S-B

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER CIANCHETTE BROS
DESIGNER NHDPW & MSHC

DRAWN	11/12/68	
REVISION		
REVISION		
REVISION		

ORDER
DWG. 68-142
1 OF 3

BENT BARS

BENDING DIMENSIONS ARE INSIDE EXCEPT [illegible]

ITEM	NO.	MARK	WEIGHT	A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	2	U6 7-7	23	0-11	5-9	0-11				EC	[illegible]	-15				⊔
2	4	7-7½	46		5-9½							-16				
3	2	7-8	23		5-10							-17				
4	2	7-8½	23		5-10½							-18				
5	4	U6 7-9	47	0-11	5-11	0-11				EC	[illegible]	-19				⊔
6			5006													
7																
8																
9	24	L14 89-2	16371	3-0	86-2					EF	[illegible]					
10	8	L14 49-2	3009	3-0	46-2					EF	1401					L
11	16	L14 39-2	4794	3-0	36-2					EF	1402					L
12			24174													
13																
14																
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																
25																
26																
27																
28																
29																
30																
31																
32																
33																
34																
35																
36																
37																
38																
39																
40																
41																
42																

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1				28				55			
2				29				56			
3				30				57			
4				31				58			
5				32				59			
6				33				60			
7				34				61			
8				35				62			
9				36				63			
10				37				64			
11				38				65			
12				39				66			
13				40				67			
14				41				68			
15				42				69			
16				43				70			
17				44				71			
18				45				72			
19				46				73			
20				47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

DATE SHIPPED
SHIPPED BY
RECEIVED BY
REF. DWG. NO. I-95-1(22)16
APPROVED

PIER 3SA

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY

CUSTOMER [illegible]
DESIGNER [illegible]

DRAWN	11/12/68	[illegible]
REVISION		
REVISION		
REVISION		

ORDER
DWG. [illegible]

BENT BARS

BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L" 2 OF 3

ITEM	NO	MARK	WEIGHT	A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	2	U6 6-8	20	0-11	4-10	0-11				EC	601	-13				⊔
2	4	6-8½	40		4-10½							-14				
3	2	6-9	20		4-11							-15				
4	4	6-9½	41		4-11½							-16				
5	2	6-10	21		5-0							-17				
6	4	6-10½	41		5-0½							-18				
7	2	6-11	21		5-1							-19				
8	4	6-11½	42		5-1½							-20				
9	2	U6 7-0	21	0-11	5-2	0-11				EC	601	-21				⊔
10	8	U6 11-6	138	3-6	4-6	3-6				EC	602	-1				⊔
11	4	11-6½	69	3-6	4-6½	3-6						-2				
12	4	11-9	71	3-7	4-7	3-7						-3				
13	8	11-9½	142	3-7	4-7½	3-7						-4				
14	4	11-10	71	3-7	4-8	3-7						-5				
15	4	12-0½	72	3-8	4-8½	3-8						-6				
16	8	12-1	145	3-8	4-9	3-8						-7				
17	4	12-1½	73	3-8	4-9½	3-8						-8				
18	4	12-4	74	3-9	4-10	3-9						-9				
19	8	12-4½	149	3-9	4-10½	3-9						-10				
20	4	12-5	75	3-9	4-11	3-9						-11				
21	4	12-7½	76	3-10	4-11½	3-10						-12				
22	8	12-8	152	3-10	5-0	3-10						-13				
23	4	12-8½	76	3-10	5-0½	3-10						-14				
24	4	12-11	78	3-11	5-1	3-11						-15				
25	8	12-11½	156	3-11	5-1½	3-11						-16				
26	4	13-0	78	3-11	5-2	3-11						-17				
27	4	13-2½	79	4-0	5-2½	4-0						-18				
28	8	U6 13-3	159	4-0	5-3	4-0				EC	602	-19				⊔
29	4	U6 7-0	42	0-11	5-2	0-11				EC	603	-1				⊔
30	2	7-0½	21		5-2½							-2				
31	2	7-1	21		5-3							-3				
32	4	7-1½	43		5-3½							-4				
33	2	7-2	22		5-4							-5				
34	2	7-2½	22		5-4½							-6				
35	4	7-3	44		5-5							-7				
36	2	7-3½	22		5-5½							-8				
37	2	7-4	22		5-6							-9				
38	4	7-4½	44		5-6½							-10				
39	2	7-5	22		5-7							-11				
40	2	7-5½	22		5-7½							-12				
41	4	7-6	45		5-8							-13				
42	2	U6 7-6½	23	0-11	5-8½	0-11				EC	603	-14				⊔

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1				28				55			
2				29				56			
3				30				57			
4				31				58			
5				32				59			
6				33				60			
7				34				61			
8				35				62			
9				36				63			
10				37				64			
11				38				65			
12				39				66			
13				40				67			
14				41				68			
15				42				69			
16				43				70			
17				44				71			
18				45				72			
19				46				73			
20				47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

TOTAL WEIGHT

DATE SHIPPED
SHIPPED BY
RECEIVED BY
REF. DWG. NO. I-95-1(22)16
APPROVED

PIER 3SA

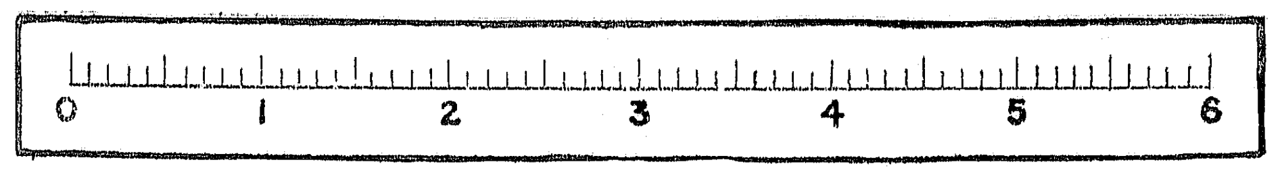
Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER CIANCHETTE BROS
DESIGNER NHDPW & MSHC

DRAWN	11/12/68	ADL
REVISION		
REVISION		
REVISION		

ORDER
DWG. 68-142
2 OF 3



BENT BARS

3 OF 3

BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L"

ITEM	NO	MARK	WEIGHT	A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	2	U6 7-0	21	0-11	5-2	0-11				EC	607	-1				⊔
2	2	7-0½	21		5-2½							2				
3	2	7-1	21		5-3							3				
4	4	7-1½	43		5-3½							4				
5	2	7-2	22		5-4							5				
6	2	7-2½	22		5-4½							6				
7	4	7-3	44		5-5							7				
8	2	7-3½	22		5-5½							8				
9	2	7-4	22		5-6							9				
10	4	7-4½	44		5-6½							10				
11	4	7-5	44		5-7							11				
12	2	7-5½	22		5-7½							12				
13	4	7-6	45		5-8							13				
14	4	7-6½	45		5-8½							14				
15	2	7-7	23		5-9							15				
16	2	7-7½	23		5-9½							16				
17	4	7-8	46		5-10							17				
18	2	7-8½	23		5-10½							18				
19	2	7-9	23		5-11							19				
20	2	7-9½	23		5-11½							20				
21	2	U6 7-10	24	0-11	6-0	0-11				EC	607	-21				⊔
22			5187													

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT

TOTAL WEIGHT 37,067

DATE SHIPPED
SHIPPED BY:
RECEIVED BY.
REF. DWG NO I-95-1(22)16
APPROVED

DRAWN	2-4-69	RCS
REVISION		
REVISION		
REVISION		

PIER 3S-"C"

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER CIANCHETTE BROS.
DESIGNER NHSHC + MSHC

ORDER
DWG. 68-142
3 OF 3

BENT BARS

BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L" 2 OF 3

ITEM	NO	MARK	WEIGHT	A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	2	U6 6-8	20.	0-11	4-10	0-11				EC	601	-13				⊔
2	4	6-8½	46.		4-10½							-14				
3	2	6-9	20.		4-11							-15				
4	4	6-9½	41.		4-11½							-16				
5	2	6-10	21.		5-0							-17				
6	4	6-10½	41.		5-0½							-18				
7	2	6-11	21.		5-1							-19				
8	4	6-11½	42.		5-1½							-20				
9	2	U6 7-0	21.	0-11	5-2	0-11				EC	601	-21				⊔
10	8	U6 11-6	138.	3-6	4-6	3-6				EC	606	-1				⊔
11	8	11-6½	139.	3-6	4-6½	3-6						-2				
12	8	11-9	141.	3-7	4-7	3-7						-3				
13	8	11-9½	142.	3-7	4-7½	3-7						-4				
14	4	12-0	72.	3-8	4-8	3-8						-5				
15	8	12-0½	145.	3-8	4-8½	3-8						-6				
16	8	12-3	147.	3-9	4-9	3-9						-7				
17	8	12-3½	148.	3-9	4-9½	3-9						-8				
18	8	12-4	148.	3-9	4-10	3-9						-9				
19	4	12-6½	75.	3-10	4-10½	3-10						-10				
20	8	12-7	151.	3-10	4-11	3-10						-11				
21	8	12-9½	154.	3-11	4-11½	3-11						-12				
22	8	12-10	154.	3-11	5-0	3-11						-13				
23	8	13-0½	157.	4-0	5-0½	4-0						-14				
24	8	U6 13-1	157.	4-0	5-1	4-0				EC	606	-15				⊔
25	~~4~~	~~U6 7-0~~	~~42~~	~~0-11~~	~~5-2~~	~~0-11~~				~~EC~~	~~607~~	~~-1~~				~~⊔~~
26	~~2~~	~~7-0½~~	~~21.~~		~~5-2½~~							~~-2~~				
27	~~4~~	~~7-1~~	~~43~~		~~5-3~~							~~-3~~				
28	~~4~~	~~7-1½~~	~~43~~		~~5-3½~~							~~-4~~				
29	~~2~~	~~7-2~~	~~22~~		~~5-4~~							~~-5~~				
30	~~4~~	~~7-2½~~	~~43~~		~~5-4½~~							~~-6~~				
31	~~4~~	~~7-3~~	~~44~~		~~5-5~~							~~-7~~				
32	~~2~~	~~7-3½~~	~~22~~		~~5-5½~~							~~-8~~				
33	~~4~~	~~7-4~~	~~44~~		~~5-6~~							~~-9~~				
34	~~4~~	~~7-4½~~	~~44~~		~~5-6½~~							~~-10~~				
35	~~2~~	~~7-5~~	~~22~~		~~5-7~~							~~-11~~				
36	~~4~~	~~7-5½~~	~~45~~		~~5-7½~~							~~-12~~				
37	~~4~~	~~7-6~~	~~45.~~		~~5-8~~							~~-13~~				
38	~~2~~	~~7-6½~~	~~22.~~		~~5-8½~~							~~-14~~				
39	~~4~~	~~7-7~~	~~46~~		~~5-9~~							~~-15~~				
40	~~4~~	~~7-7½~~	~~46~~		~~5-9½~~							~~-16~~				
41	~~2~~	~~U6 7-8~~	~~23.~~	~~0-11~~	~~5-10~~	~~0-11~~				~~EC~~	~~607~~	~~-17~~				~~⊔~~
42			5066.													

BT. ~~STRAIGHT~~ BARS CON'T.

ITEM	NO	MARK	WEIGHT	ITEM	A	B	MARK	ITEM	NO	MARK	WEIGHT
1	8	L14 51-8	3162	28	3-0	48-8	EF1407	55	L		
2	16	L14 43-8	5345.	29	3-0	40-8	EF1408	56	L		
3	24	L14 27-8	5080	30	3-0	24-8	EF1406	57	L		
4			13587.	31				58			

Q

TOTAL WEIGHT

DATE SHIPPED
SHIPPED BY:
RECEIVED BY:
REF. DWG NO I-95-1(22)16
APPROVED

DRAWN	11/12/68	ADL
REVISION	2-4-69	RCS
REVISION		
REVISION		

PIER 3S-C

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER CIANCHETTE BROS
DESIGNER NHDPW & MSHC

ORDER
DWG. 68-142
2 OF 3

BENT BARS

BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L" 1 OF 3

ITEM	NO	MARK	WEIGHT	A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	4	U6 9-7	58.	3-2	3-3	3-2				EC	600	-1				⊔
2		9-7½	58.		3-3½							-2				
3		9-8	58.		3-4							-3				
4		9-8½	58.		3-4½							-4				
5		9-9	59.		3-5							-5				
6		9-9½	59.	3-2	3-5½	3-2						-6				
7		10-0	60	3-3	3-6	3-3						-7				
8		10-0½	60.		3-6½							-8				
9		10-1	61.		3-7							-9				
10		10-1½	61.		3-7½							-10				
11		10-2	61.		3-8							-11				
12		10-2½	61.	3-3	3-8½	3-3						-12				
13		10-5	63.	3-4	3-9	3-4						-13				
14		10-5½	63.		3-9½							-14				
15		10-6	63.		3-10							-15				
16		10-7	64.		3-11							-16				
17		10-7½	64.		3-11½							-17				
18		10-8	64.	3-4	4-0	3-4						-18				
19		10-10½	65.	3-5	4-0½	3-5						-19				
20		10-11	66		4-1							-20				
21		10-11½	66.		4-1½							-21				
22		11-0	66.		4-2							-22				
23		11-0½	66.		4-2½							-23				
24		11-1	67.	3-5	4-3	3-5						24				
25		11-3½	68.	3-6	4-3½	3-6						-25				
26		11-4	68.		4-4							-26				
27		11-4½	68.		4-4½							-27				
28		11-5	69.		4-5							-28				
29		11-5½	69.		4-5½							-29				
30	4	11-6	69.	3-6	4-6	3-6					600	-30				
31	2	6-2	19.	0-11	4-4	0-11					601	-1				
32	4	6-2½	37.		4-4½							-2				
33	2	6-3	19.		4-5							-3				
34	4	6-3½	38.		4-5½							-4				
35	2	6-4	19.		4-6							-5				
36	4	6-4½	38.		4-6½							-6				
37	2	6-5	19.		4-7							-7				
38	4	6-5½	39.		4-7½							-8				
39	2	6-6	20.		4-8							-9				
40	4	6-6½	39.		4-8½							-10				
41	2	6-7	20.		4-9							-11				
42	2	U6 6-7½	20.	0-11	4-9½	0-11				EC	601	-12				⊔

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1	24	14 64-0	11750.	28	EC1401			55			
4	78	10 19-6	6545.	31	EF1000			58			

Q

TOTAL WEIGHT

DATE SHIPPED
SHIPPED BY
RECEIVED BY.
REF. DWG NO I-95-1(22)16
APPROVED

DRAWN	11/12/68	RCS
REVISION	2-4-69	RCS
REVISION		
REVISION		

PIER 3S-C

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER CIANCHETTE BROS
DESIGNER NHDPW & MSHC

ORDER
DWG. 68-142
1 OF 3

BENT BARS

BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L" 3 OF 3

ITEM	NO	MARK	WEIGHT	A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	4	U6 7-8	46.	0-11	5-10	0-11				EC	605	-17				⊔
2	2	U6 7-8½	23.	0-11	5-10½	0-11				EC	605	-18				⊔
3	4	U6 7-9	47.	0-11	5-11	0-11				EC	605	-19				⊔
4			5290													
8	8	L14 52-4	3203.	3-0	49-4					EF	1405					L
9	16	L14 43-6	5324	3-0	40-6					EF	1404					L
10	24	L14 28-4	5202	3-0	25-4					EF	1403					
11			13729													

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT

Q

TOTAL WEIGHT

DATE SHIPPED
SHIPPED BY:
RECEIVED BY:
REF. DWG NO I-95-1(22)16
APPROVED

DRAWN	11/12/68	ADL.
REVISION		
REVISION		
REVISION		

PIER 3S-B

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER CIANCHETTE BROS
DESIGNER NHDPW & MSHC

ORDER
DWG. 68-142
3 OF 3

114-152

0 1 2 3 4 5 6

BENT BARS

1OF2

BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L"

ITEM	NO	MARK	WEIGHT	A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	8	U6 9-6	114	3-2	3-2	3-2				FC	600	-1				⊔
2	8	9-6½	[illegible]	3-2	3-2½	3-2						2				
3	8	9-7	115	3-2	3-3	3-2						3				
4	8	9-9½	[illegible]	3-3	3-3½	3-3						4				
5	8	9-10	118	3-3	3-4	3-3						5				
6	8	9-10½	[illegible]	3-3	3-4½	3-3						6				
7	8	10-1	121	3-4	3-5	3-4						7				
8	8	10-1½	[illegible]	3-4	3-5½	3-4						8				
9	8	10-2	[illegible]	3-4	3-6	3-4						9				
10	8	10-4½	[illegible]	3-5	3-6½	3-5						10				
11	8	10-5	[illegible]	3-5	3-7	3-5						11				
12	8	10-5½	[illegible]	3-5	3-7½	3-5						12				
13	8	10-8	[illegible]	3-6	3-8	3-6						13				
14	8	10-8½	[illegible]	3-6	3-8½	3-6						14				
15	8	U6 10-9	[illegible]	3-6	3-9	3-6				FC	600	-15				⊔
16	2	U6 6-2	[illegible]	11	4-4	11				FC	601	- 1				
17	4	6-2½			4-4½							2				
18	2	6-3			4-5							3				
19	4	6-3½			4-5½							4				
20	2	6-4			4-6							5				
21	4	6-4½			4-6½							6				
22	2	6-5	19		4-7							7				
23	4	6-5½	[illegible]		4-7½							8				
24	2	6-6	[illegible]		4-8							9				
25	4	6-6½	[illegible]		4-8½							10				
26	2	6-7	[illegible]		4-9							11				
27	2	6-7½	[illegible]		4-9½							12				
28	2	6-8	[illegible]		4-10							13				
29	4	6-8½	[illegible]		4-10½							14				
30	2	6-9	[illegible]		4-11							15				
31	4	6-9½	[illegible]		4-11½							16				
32	2	6-10	[illegible]		5-0							17				
33	4	6-10½	[illegible]		5-0½							18				
34	2	6-11	[illegible]		5-1							19				
35	4	6-11½	[illegible]		5-1½							20				
36	2	U6 7-0	[illegible]	11	5-2	11				FC	601-	21				⊔
37			[illegible]													
38																
39																
40																
41																
42																

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1	76	10 18-6	[illegible]	28	FF1000			55			
2				29				56			
3				30				57			
4				31				58			
5				32				59			
6				33				60			
7				34				61			
8				35				62			
9				36				63			
10				37				64			
11				38				65			
12				39				66			
13				40				67			
14				41				68			
15				42				69			
16				43				70			
17				44				71			
18				45				72			
19				46				73			
20				47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

φ

TOTAL WEIGHT

DATE SHIPPED

SHIPPED BY

RECEIVED BY

REF. DWG NO I95-1(22)16

APPROVED

DRAWN	11-12-68	RGS
REVISION		
REVISION		
REVISION		

PIER 4S-A

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER GIANCHETTE BROS.
DESIGNER NHSHC + MSHC

ORDER

DWG. 68-142
1OF2

BENT BARS

BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L" 3OF3

ITEM	NO.	MARK	WEIGHT	A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	8	U6 11-6	138.	3-6	4-6	3-6				EC	608	-1				⊔
2	4	11-6½	69.	3-6	4-6½	3-6						-2				
3	8	11-9	141.	3-7	4-7	3-7						-3				
4	4	11-9½	71.	3-7	4-7½	3-7						-4				
5	8	12-0	144.	3-8	4-8	3-8						-5				
6	4	12-0½	72.	3-8	4-8½	3-8						-6				
7	8	12-3	147.	3-9	4-9	3-9						-7				
8	4	12-3½	74.	3-9	4-9½	3-9						-8				
9	8	12-4	148.	3-9	4-10	3-9						-9				
10	4	12-6½	75.	3-9	4-10½	3-9						-10				
11	8	12-7	151.	3-10	4-11	3-10						-11				
12	4	12-9½	77.	3-11	4-11½	3-11						-12				
13	8	12-10	154.	3-11	5-0	3-11						-13				
14	4	13-0½	78.	4-0	5-0½	4-0						-14				
15	8	U6 13-1	157.	4-0	5-1	4-0				EC	608	-15				⊔
16			1626.													
17																
18																
19																
20																
21																
22																
23																
24																
25																
26																
27																
28																
29																
30																
31																
32																
33																
34																
35																
36																
37																
38																
39																
40																
41																
42																

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1				28				55			
2				29				56			
3				30				57			
4				31				58			
5				32				59			
6				33				60			
7				34				61			
8				35				62			
9				36				63			
10				37				64			
11				38				65			
12				39				66			
13				40				67			
14				41				68			
15				42				69			
16				43				70			
17				44				71			
18				45				72			
19				46				73			
20				47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

Q

TOTAL WEIGHT 34,0[illegible]

DATE SHIPPED

SHIPPED BY

RECEIVED BY

REF. DWG NO I-95-1(22)16

APPROVED

DRAWN	11/12/68	ADL
REVISION		
REVISION		
REVISION		

PIER 3S-D

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER CIANCHETTE BROS
DESIGNER NHDPW & MSHC

ORDER

DWG. 68-142
3OF3

BENT BARS

BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L" 2OF3

ITEM	NO	MARK	WEIGHT	A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	2	U6 6-8	20.	0-11	4-10	0-11				EC	601	-13				⊔
2	4	6-8½	40.		4-10½							-14				
3	2	6-9	20.		4-11							-15				
4	4	6-9½	41.		4-11½							-16				
5	2	6-10	21.		5-0							-17				
6	4	6-10½	41.		5-0½							-18				
7	2	6-11	21.		5-1							-19				
8	4	6-11½	42.		5-1½							-20				
9	2	U6 7-0	21.	0-11	5-2	0-11				EC	601	-21				⊔
10																
11																
12																
13																
14																
15	4	U6 7-0	[illegible]	0-11	5-2	0-11				EC	609	- 1				⊔
16	2	7-0½	21.		5-2½							- 2				
17	2	7-1	21.		5-3							- 3				
18	4	7-1½	43		5-3½							-4				
19	2	7-2	22.		5-4							- 5				
20	2	7-2½	[illegible]		5-4½							- 6				
21	4	7-3	44.		5-5							- 7				
22	2	7-3½	[illegible]		5-5½							-8				
23	2	7-4	[illegible]		5-6							-9				
24	4	7-4½	44.		5-6½							-10				
25	2	7-5	[illegible]		5-7							-11				
26	2	7-5½	[illegible]		5-7½							-12				
27	4	7-6	45.		5-8							-13				
28	2	7-6½	[illegible]		5-8½							-14				
29	2	7-7	[illegible]		5-9							-15				
30	4	7-7½	46.		5-9½							-16				
31	2	U6 7-8	[illegible]	0-11	5-10	0-11				EC	609	-17				⊔
32			3003													
33																
34																
35	24	L14 84-4	15184.	3-0	81-4					EF	14	09				∟
36	8	L14 44-4	2113.	3-0	41-4					EF	14	10				∟
37	16	L14 37-6	11596.	3-0	34-6					EF	14	11				∟
38			[illegible]													
39																
40																
41																
42																

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1				28				55			
2				29				56			
3				30				57			
4				31				58			
5				32				59			
6				33				60			
7				34				61			
8				35				62			
9				36				63			
10				37				64			
11				38				65			
12				39				66			
13				40				67			
14				41				68			
15				42				69			
16				43				70			
17				44				71			
18				45				72			
19				46				73			
20				47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

Q

TOTAL WEIGHT 34031

DATE SHIPPED

SHIPPED BY:

RECEIVED BY:

REF. DWG NO I-95-1(22)16

APPROVED

DRAWN	11/12/68	ADL
REVISION		
REVISION		
REVISION		

PIER 3S-D

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER CIANCHETTE BROS
DESIGNER NHDPW & MSHC

ORDER

DWG. 68-142
2OF3

BENT BARS

BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L" OF 3

ITEM	NO	MARK	WEIGHT	A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	4	U6 9-7	58.	3-2	3-3	3-2				EC	600	-1				⊔
2		9-7½	58.		3-3½							-2				
3		9-8	58.		3-4							-3				
4		9-8½	58.		3-4½							-4				
5		9-9	59.		3-5							-5				
6		9-9½	59.	3-2	3-5½	3-2						-6				
7		10-0	60	3-3	3-6	3-3						-7				
8		10-0½	60		3-6½							-8				
9		10-1	61.		3-7							-9				
10		10-1½	61.		3-7½							-10				
11		10-2	61		3-8							-11				
12		10-2½	61	3-3	3-8½	3-3						-12				
13		10-5	[illegible]	3-4	3-9	3-4						-13				
14		10-5½	62		3-9½							-14				
15		10-6	[illegible]		3-10							-15				
16		10-7	64.		3-11							-16				
17		10-7½	64.		3-11½							-17				
18		10-8	64.	3-4	4-0	3-4						-18				
19		10-10½	[illegible]	3-5	4-0½	3-5						-19				
20		10-11	66		4-1							-20				
21		10-11½	66		4-1½							-21				
22		11-0	66		4-2							-22				
23		11-0½	66		4-2½							-23				
24		11-1	67	3-5	4-3	3-5						24				
25		11-3½	[illegible]	3-6	4-3½	3-6						-25				
26		11-4	[illegible]		4-4							-26				
27		11-4½	[illegible]		4-4½							-27				
28		11-5	[illegible]		4-5							-28				
29		11-5½	[illegible]		4-5½							-29				
30	4	11-6	[illegible]	3-6	4-6	3-6					600	-30				
31	2	6-2	[illegible]	0-11	4-4	0-11					601	-1				
32	4	6-2½	[illegible]		4-4½							-2				
33	2	6-3	[illegible]		4-5							-3				
34	4	6-3½	[illegible]		4-5½							-4				
35	2	6-4	[illegible]		4-6							-5				
36	4	6-4½	[illegible]		4-6½							-6				
37	2	6-5	[illegible]		4-7							-7				
38	4	6-5½	[illegible]		4-7½							-8				
39	2	6-6	[illegible]		4-8							-9				
40	4	6-6½	[illegible]		4-8½							-10				
41	2	6-7	[illegible]		4-9							-11				
42	2	U6 6-7½	[illegible]	0-11	4-9½	0-11				EC	601	-12				⊔

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1	78	10 19-6	6445	28	EF1000			55			
2				29				56			
3				30				57			
4				31				58			
5				32				59			
6				33				60			
7				34				61			
8				35				62			
9				36				63			
10				37				64			
11				38				65			
12				39				66			
13				40				67			
14				41				68			
15				42				69			
16				43				70			
17				44				71			
18				45				72			
19				46				73			
20				47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

Q

TOTAL WEIGHT 34,031

DATE SHIPPED

SHIPPED BY

RECEIVED BY

REF. DWG NO I-95-1(22)16

APPROVED

DRAWN	11/12/68	[illegible]
REVISION		
REVISION		
REVISION		

PIER 3S-D

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER CIANCHETTE BROS
DESIGNER NHDPW & MSHC

ORDER

DWG 68 142

114-153

BENT BARS 1 OF 2

BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L"

ITEM	NO.	MARK	WEIGHT	A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	8	U6 9-6	114	3-2	3-2	3-2				FC600-		1				⊔
2	8	9-6½	115	3-2	3-2½	3-2						2				
3	8	9-7	115	3-2	3-3	3-2						3				
4	8	9-9½	118	3-3	3-3½	3-3						4				
5	8	9-10	118	3-3	3-4	3-3						5				
6	8	9-10½	119	3-3	3-4½	3-3						6				
7	8	10-1	121	3-4	3-5	3-4						7				
8	8	10-1½	122	3-4	3-5½	3-4						8				
9	8	10-2	122	3-4	3-6	3-4						9				
10	8	10-4½	125	3-5	3-6½	3-5						10				
11	8	10-5	125	3-5	3-7	3-5						11				
12	8	10-5½	126	3-5	3-7½	3-5						12				
13	8	10-8	128	3-6	3-8	3-6						13				
14	8	10-8½	129	3-6	3-8½	3-6						14				
15	8	U6 10-9	129	3-6	3-9	3-6				FC600-		15				⊔
16	2	U6 6-2	19	11	4-4	11				FC601-		1				
17	4	6-2½	37		4-4½							2				
18	2	6-3	19		4-5							3				
19	4	6-3½	38		4-5½							4				
20	2	6-4	19		4-6							5				
21	4	6-4½	38		4-6½							6				
22	2	6-5	19		4-7							7				
23	4	6-5½	39		4-7½							8				
24	2	6-6	20		4-8							9				
25	4	6-6½	[illegible]		4-8½							10				
26	2	6-7	20		4-9							11				
27	2	6-7½	20		4-9½							12				
28	2	6-8	20		4-10							13				
29	4	6-8½	40		4-10½							14				
30	2	6-9	20		4-11							15				
31	4	6-9½	41		4-11½							16				
32	2	6-10	21		5-0							17				
33	4	6-10½	41		5-0½							18				
34	2	6-11	21		5-1							19				
35	4	6-11½	42		5-1½							20				
36	2	U6 7-0	21	11	5-2	11				FC601-		21				⊔
37			2420													
38																
39																
40																
41																
42																

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1	76	10 18-6	6050	28	FF1000			55			
2				29				56			
3				30				57			
4				31				58			
5				32				59			
6				33				60			
7				34				61			
8				35				62			
9				36				63			
10				37				64			
11				38				65			
12				39				66			
13				40				67			
14				41				68			
15				42				69			
16				43				70			
17				44				71			
18				45				72			
19				46				73			
20				47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

Ø TOTAL WEIGHT ______

DATE SHIPPED ______
SHIPPED BY: ______
RECEIVED BY: ______
REF. DWG. NO. I95-1(22)16
APPROVED ______

PIER 4S-C

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

DRAWN	11-12-68	RCS
REVISION		
REVISION		
REVISION		

CUSTOMER CIANCHETTE BROS.
DESIGNER NHSHC + MSHC
ORDER ______
DWG. 68-142
1 OF 2

BENT BARS 2 OF 2

BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L"

ITEM	NO	MARK	WEIGHT	A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	8	U6 10-9	129	3-6	3-9	3-6				FC604-		1				⊔
2	8	10-9½	130	3-6	3-9½	3-6						2				
3	8	10-10	130	3-6	3-10	3-6						3				
4	4	11-0½	66	3-7	3-10½	3-7						4				
5	8	11-1	133	3-7	3-11	3-7						5				
6	8	11-1½	134	3-7	3-11½	3-7						6				
7	8	11-4	136	3-8	4-0	3-8						7				
8	4	11-4½	68	3-8	4-0½	3-8						8				
9	8	11-7	139	3-9	4-1	3-9						9				
10	8	11-7½	140	3-9	4-1½	3-9						10				
11	8	11-8	140	3-9	4-2	3-9				FC604-		11				
12	2	7-0	21	11	5-2	11				FC605		1				
13	4	7-0½	42		5-2½							2				
14	2	7-1	21		5-3							3				
15	2	7-1½	21		5-3½							4				
16	4	7-2	43		5-4							5				
17	2	7-2½	22		5-4½							6				
18	2	7-3	22		5-5							7				
19	4	7-3½	44		5-5½							8				
20	2	7-4	22		5-6							9				
21	2	7-4½	22		5-6½							10				
22	4	7-5	45		5-7							11				
23	2	7-5½	22		5-7½							12				
24	2	7-6	23		5-8							13				
25	4	7-6½	45		5-8½							14				
26	2	U6 7-7	23	11	5-9	11				FC605-		15				⊔
27			1783													
28																
29																
30	36	L14 78-8	2166	3-0	75-8					FF1402						└
31																
32																
33																
34																
35																
36																
37																
38																
39																
40																
41																
42																

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1				28				55			
2				29				56			
3				30				57			
4				31				58			
5				32				59			
6				33				60			
7				34				61			
8				35				62			
9				36				63			
10				37				64			
11				38				65			
12				39				66			
13				40				67			
14				41				68			
15				42				69			
16				43				70			
17				44				71			
18				45				72			
19				46				73			
20				47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

Ø TOTAL WEIGHT 31,918

DATE SHIPPED ______
SHIPPED BY: ______
RECEIVED BY: ______
REF. DWG. NO. I95-1(22)16
APPROVED ______

PIER 4S-B

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

DRAWN	11-12-68	RCS
REVISION		
REVISION		
REVISION		

CUSTOMER CIANCHETTE BROS.
DESIGNER NHSHC + MSHC
ORDER ______
DWG. 68-142
2 OF 2

BENT BARS 1 OF 2

BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L"

ITEM	NO.	MARK	WEIGHT	A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	8	U6 9-6	114	3-2	3-2	3-2				FC600-		1				⊔
2	8	9-6½	115	3-2	3-2½	3-2						2				
3	8	9-7	115	3-2	3-3	3-2						3				
4	8	9-9½	118	3-3	3-3½	3-3						4				
5	8	9-10	118	3-3	3-4	3-3						5				
6	8	9-10½	119	3-3	3-4½	3-3						6				
7	8	10-1	121	3-4	3-5	3-4						7				
8	8	10-1½	122	3-4	3-5½	3-4						8				
9	8	10-2	122	3-4	3-6	3-4						9				
10	8	10-4½	125	3-5	3-6½	3-5						10				
11	8	10-5	125	3-5	3-7	3-5						11				
12	8	10-5½	126	3-5	3-7½	3-5						12				
13	8	10-8	128	3-6	3-8	3-6						13				
14	8	10-8½	129	3-6	3-8½	3-6						14				
15	8	U6 10-9	129	3-6	3-9	3-6				FC600-		15				⊔
16	2	U6 6-2	19	11	4-4	11				FC601-		1				
17	4	6-2½	37		4-4½							2				
18	2	6-3	19		4-5							3				
19	4	6-3½	38		4-5½							4				
20	2	6-4	19		4-6							5				
21	4	6-4½	38		4-6½							6				
22	2	6-5	19		4-7							7				
23	4	6-5½	39		4-7½							8				
24	2	6-6	20		4-8							9				
25	4	6-6½	39		4-8½							10				
26	2	6-7	20		4-9							11				
27	2	6-7½	20		4-9½							12				
28	2	6-8	20		4-10							13				
29	4	6-8½	40		4-10½							14				
30	2	6-9	20		4-11							15				
31	4	6-9½	41		4-11½							16				
32	2	6-10	21		5-0							17				
33	4	6-10½	41		5-0½							18				
34	2	6-11	21		5-1							19				
35	4	6-11½	42		5-1½							20				
36	2	U6 7-0	21	11	5-2	11				FC601-		21				⊔
37			2420													
38																
39																
40																
41																
42																

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1	76	10 18-6	6050	28	FF1000			55			
2				29				56			
3				30				57			
4				31				58			
5				32				59			
6				33				60			
7				34				61			
8				35				62			
9				36				63			
10				37				64			
11				38				65			
12				39				66			
13				40				67			
14				41				68			
15				42				69			
16				43				70			
17				44				71			
18				45				72			
19				46				73			
20				47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

Ø TOTAL WEIGHT ______

DATE SHIPPED ______
SHIPPED BY: ______
RECEIVED BY: ______
REF. DWG. NO. I95-1(22)16
APPROVED ______

PIER 4S-B

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

DRAWN	11-12-68	RCS
REVISION		
REVISION		
REVISION		

CUSTOMER CIANCHETTE BROS.
DESIGNER NHSHC + MSHC
ORDER ______
DWG. 68-142
1 OF 2

BENT BARS 2 OF 2

BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L"

ITEM	NO	MARK	WEIGHT	A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	8	U6 10-9	129	3-6	3-9	3-6				FC602-		1				⊔
2	8	10-9½	130	3-6	3-9½	3-6						2				
3	8	10-10	130	3-6	3-10	3-6						3				
4	8	11-0½	133	3-7	3-10½	3-7						4				
5	12	11-1	200	3-7	3-11	3-7						5				
6	8	11-1½	134	3-7	3-11½	3-7						6				
7	8	11-4	136	3-8	4-0	3-8						7				
8	8	11-4½	137	3-8	4-0½	3-8						8				
9	8	11-7	139	3-9	4-1	3-9				FC602-		9				
10	2	7-0	21	11	5-2	11				FC603-		1				
11	4	7-0½	42		5-2½							2				
12	2	7-1	21		5-3							3				
13	4	7-1½	43		5-3½							4				
14	2	7-2	22		5-4							5				
15	4	7-2½	43		5-4½							6				
16	2	7-3	22		5-5							7				
17	4	7-3½	44		5-5½							8				
18	2	7-4	22		5-6							9				
19	4	7-4½	44		5-6½							10				
20	2	7-5	22		5-7							11				
21	4	7-5½	45		5-7½							12				
22	2	U6 7-6	23	11	5-8	11				FC603		13				⊔
23			1682													
24																
25																
26																
27																
28	36	L14 78-0	2148	3-0	75-0					FF1401						└
29																
30																
31																
32																
33																
34																
35																
36																
37																
38																
39																
40																
41																
42																

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1				28				55			
2				29				56			
3				30				57			
4				31				58			
5				32				59			
6				33				60			
7				34				61			
8				35				62			
9				36				63			
10				37				64			
11				38				65			
12				39				66			
13				40				67			
14				41				68			
15				42				69			
16				43				70			
17				44				71			
18				45				72			
19				46				73			
20				47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

Ø TOTAL WEIGHT 31,633

DATE SHIPPED ______
SHIPPED BY: ______
RECEIVED BY: ______
REF. DWG. NO. I95-1(22)16
APPROVED ______

PIER 4S-A

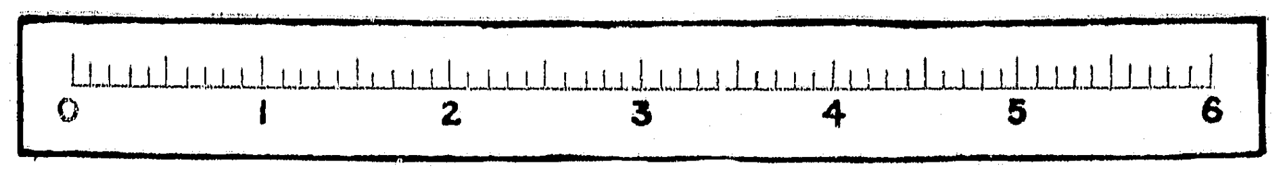
Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

DRAWN	11-12-68	RCS
REVISION		
REVISION		
REVISION		

CUSTOMER CIANCHETTE BROS.
DESIGNER NHSHC + MSHC
ORDER ______
DWG. 68-142
2 OF 2

114-154



BENT BARS 1 OF 2

BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L"

ITEM	NO.	MARK	WEIGHT	A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	8	U6 9-6	114	3-2	3-2	3-2				GC600-		1				⊔
2	8	9-6½	115	3-2	3-2½	3-2						2				
3	8	9-7	115	3-2	3-3	3-2						3				
4	8	9-9½	118	3-3	3-3½	3-3						4				
5	8	9-10	118	3-3	3-4	3-3						5				
6	8	9-10½	119	3-3	3-4½	3-3						6				
7	8	10-1	121	3-4	3-5	3-4						7				
8	8	10-1½	122	3-4	3-5½	3-4						8				
9	8	10-2	122	3-4	3-6	3-4						9				
10	8	10-4½	125	3-5	3-6½	3-5						10				
11	8	10-5	125	3-5	3-7	3-5						11				
12	8	10-5½	126	3-5	3-7½	3-5						12				
13	8	10-8	128	3-6	3-8	3-6						13				
14	8	10-8½	129	3-6	3-8½	3-6						14				
15	8	U6 10-9	129	3-6	3-9	3-6				GC600-		15				⊔
16	2	U6 6-2	19	11	4-4	11				GC601-		1				
17	4	6-2½	37		4-4½							2				
18	2	6-3	19		4-5							3				
19	4	6-3½	38		4-5½							4				
20	2	6-4	19		4-6							5				
21	4	6-4½	38		4-6½							6				
22	2	6-5	19		4-7							7				
23	4	6-5½	39		4-7½							8				
24	2	6-6	20		4-8							9				
25	4	6-6½	39		4-8½							10				
26	2	6-7	20		4-9							11				
27	2	6-7½	20		4-9½							12				
28	2	6-8	20		4-10							13				
29	4	6-8½	40		4-10½							14				
30	2	6-9	20		4-11							15				
31	4	6-9½	41		4-11½							16				
32	2	6-10	21		5-0							17				
33	4	6-10½	41		5-0½							18				
34	2	6-11	21		5-1							19				
35	4	6-11½	42		5-1½							20				
36	2	U6 7-0	21	11	5-2	11				GC601-		21				⊔
37			2420													
38																
39																
40																
41																
42																

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1	76	10 18-6	6050	28	GF 1000			55			
2				29				56			
3				30				57			
4				31				58			
5				32				59			
6				33				60			
7				34				61			
8				35				62			
9				36				63			
10				37				64			
11				38				65			
12				39				66			
13				40				67			
14				41				68			
15				42				69			
16				43				70			
17				44				71			
18				45				72			
19				46				73			
20				47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

Φ TOTAL WEIGHT

DATE SHIPPED
SHIPPED BY:
RECEIVED BY:
REF. DWG. NO I95-1(22)16
APPROVED

PIER 5S-A

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER GIANCHETTE BROS.
DESIGNER NHSHC + MSHC

DRAWN	11-12-68	RCS
REVISION		
REVISION		
REVISION		

ORDER
DWG. 68-142

BENT BARS 2 OF 2

BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L"

ITEM	NO	MARK	WEIGHT	A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	8	U6 10-9	129	3-6	3-9	3-6				FC604-		1				⊔
2	8	10-9½	130	3-6	3-9½	3-6						2				
3	8	10-10	130	3-6	3-10	3-6						3				
4	4	11-0½	66	3-7	3-10½	3-7						4				
5	8	11-1	133	3-7	3-11	3-7						5				
6	8	11-1½	134	3-7	3-11½	3-7						6				
7	8	11-4	136	3-8	4-0	3-8						7				
8	4	11-4½	68	3-8	4-0½	3-8						8				
9	8	11-7	139	3-9	4-1	3-9						9				
10	8	11-7½	140	3-9	4-1½	3-9						10				
11	8	11-8	140	3-9	4-2	3-9				FC604-		11				
12	2	7-0	21	11	5-2	11				FC605-		1				
13	4	7-0½	42		5-2½							2				
14	2	7-1	21		5-3							3				
15	2	7-1½	21		5-3½							4				
16	4	7-2	43		5-4							5				
17	2	7-2½	22		5-4½							6				
18	2	7-3	22		5-5							7				
19	4	7-3½	44		5-5½							8				
20	2	7-4	22		5-6							9				
21	2	7-4½	22		5-6½							10				
22	4	7-5	45		5-7							11				
23	2	7-5½	22		5-7½							12				
24	2	7-6	23		5-8							13				
25	4	7-6½	45		5-8½							14				
26	2	U6 7-7	23	11	5-9	11				FC605-		15				⊔
27			1383													
28																
29																
30	36	L14 78-8	21663	3-0	75-8					FF1404						└
31																
32																
33																
34																
35																
36																
37																
38																
39																
40																
41																
42																

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1				28				55			
2				29				56			
3				30				57			
4				31				58			
5				32				59			
6				33				60			
7				34				61			
8				35				62			
9				36				63			
10				37				64			
11				38				65			
12				39				66			
13				40				67			
14				41				68			
15				42				69			
16				43				70			
17				44				71			
18				45				72			
19				46				73			
20				47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

Φ TOTAL WEIGHT 31,918.

DATE SHIPPED
SHIPPED BY
RECEIVED BY
REF. DWG. NO I95-1(22)16
APPROVED

PIER 4S-D

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER GIANCHETTE BROS.
DESIGNER NHSHC + MSHC

DRAWN	11-12-68	RCS
REVISION		
REVISION		
REVISION		

ORDER
DWG. 68-142
2 OF 2

BENT BARS 1 OF 2

BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L"

ITEM	NO	MARK	WEIGHT	A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	8	U6 9-6	114	3-2	3-2	3-2				FC600-		1				⊔
2	8	9-6½	115	3-2	3-2½	3-2						2				
3	8	9-7	115	3-2	3-3	3-2						3				
4	8	9-9½	118	3-3	3-3½	3-3						4				
5	8	9-10	118	3-3	3-4	3-3						5				
6	8	9-10½	119	3-3	3-4½	3-3						6				
7	8	10-1	121	3-4	3-5	3-4						7				
8	8	10-1½	122	3-4	3-5½	3-4						8				
9	8	10-2	122	3-4	3-6	3-4						9				
10	8	10-4½	125	3-5	3-6½	3-5						10				
11	8	10-5	125	3-5	3-7	3-5						11				
12	8	10-5½	126	3-5	3-7½	3-5						12				
13	8	10-8	128	3-6	3-8	3-6						13				
14	8	10-8½	129	3-6	3-8½	3-6						14				
15	8	U6 10-9	129	3-6	3-9	3-6				FC600-		15				⊔
16	2	U6 6-2	19	11	4-4	11				FC601-		1				
17	4	6-2½	37		4-4½							2				
18	2	6-3	19		4-5							3				
19	4	6-3½	38		4-5½							4				
20	2	6-4	19		4-6							5				
21	4	6-4½	38		4-6½							6				
22	2	6-5	19		4-7							7				
23	4	6-5½	39		4-7½							8				
24	2	6-6	20		4-8							9				
25	4	6-6½	39		4-8½							10				
26	2	6-7	20		4-9							11				
27	2	6-7½	20		4-9½							12				
28	2	6-8	20		4-10							13				
29	4	6-8½	40		4-10½							14				
30	2	6-9	20		4-11							15				
31	4	6-9½	41		4-11½							16				
32	2	6-10	21		5-0							17				
33	4	6-10½	41		5-0½							18				
34	2	6-11	21		5-1							19				
35	4	6-11½	42		5-1½							20				
36	2	U6 7-0	21	11	5-2	11				FC601-		21				⊔
37			2420													
38																
39																
40																
41																
42																

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1	76	10 18-6	6050	28	FF 1000			55			
2				29				56			
3				30				57			
4				31				58			
5				32				59			
6				33				60			
7				34				61			
8				35				62			
9				36				63			
10				37				64			
11				38				65			
12				39				66			
13				40				67			
14				41				68			
15				42				69			
16				43				70			
17				44				71			
18				45				72			
19				46				73			
20				47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

Φ TOTAL WEIGHT

DATE SHIPPED
SHIPPED BY
RECEIVED BY
REF. DWG. NO I95-1(22)16
APPROVED

PIER 4S-D

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER GIANCHETTE BROS.
DESIGNER NHSHC + MSHC

DRAWN	11-12-68	RCS
REVISION		
REVISION		
REVISION		

ORDER
DWG. 68-142
1 OF 2

ABCD

BENT BARS 2 OF 2

BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L"

ITEM	NO	MARK	WEIGHT	A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	8	U6 10-9	129	3-6	3-9	3-6				FC606-		1				⊔
2	8	10-9½	130	3-6	3-9½	3-6						2				
3	8	10-10	130	3-6	3-10	3-6						3				
4	8	11-0½	133	3-7	3-10½	3-7						4				
5	8	11-1	133	3-7	3-11	3-7						5				
6	4	11-1½	67	3-7	3-11½	3-7						6				
7	8	11-4	136	3-8	4-0	3-8						7				
8	8	11-4½	137	3-8	4-0½	3-8						8				
9	8	11-7	139	3-9	4-1	3-9						9				
10	8	11-7½	140	3-9	4-1½	3-9						10				
11	8	11-8	140	3-9	4-2	3-9				FC606-		11				
12	2	7-0	21	11	5-2	11				FC607-		1				
13	4	7-0½	42		5-2½							2				
14	2	7-1	21		5-3							3				
15	4	7-1½	43		5-3½							4				
16	2	7-2	22		5-4							5				
17	4	7-2½	43		5-4½							6				
18	2	7-3	22		5-5							7				
19	2	7-3½	22		5-5½							8				
20	2	7-4	22		5-6							9				
21	4	7-4½	44		5-6½							10				
22	2	7-5	22		5-7							11				
23	4	7-5½	45		5-7½							12				
24	2	7-6	23		5-8							13				
25	4	7-6½	45		5-8½							14				
26	2	U6 7-7	23	11	5-9	11				FC607-		15				⊔
27			1824													
28																
29																
30																
31	36	L14 80-6	22170	3-0	77-6					FF1403						└
32																
33																
34																
35																
36																
37																
38																
39																
40																
41																
42																

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1				28				55			
2				29				56			
3				30				57			
4				31				58			
5				32				59			
6				33				60			
7				34				61			
8				35				62			
9				36				63			
10				37				64			
11				38				65			
12				39				66			
13				40				67			
14				41				68			
15				42				69			
16				43				70			
17				44				71			
18				45				72			
19				46				73			
20				47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

Φ TOTAL WEIGHT 32,514.

DATE SHIPPED
SHIPPED BY.
RECEIVED BY.
REF. DWG. NO I95-1(22)16
APPROVED

PIER 4S-C

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER GIANCHETTE BROS.
DESIGNER NHSHC + MSHC

DRAWN	11-12-68	RCS
REVISION		
REVISION		
REVISION		

ORDER
DWG. 68-142
2 OF 2

114-155

BB 5S

BENT BARS

1 OF 2

BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L"

ITEM	NO	MARK	WEIGHT	A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	8	U6 9-6	114.	3-2	3-2	3-2				GC600-		1				⊔
2	8	9-6½	115.	3-2	3-2½	3-2						2				
3	8	9-7	115.	3-2	3-3	3-2						3				
4	8	9-9½	118.	3-3	3-3½	3-3						4				
5	8	9-10	118.	3-3	3-4	3-3						5				
6	8	9-10½	119.	3-3	3-4½	3-3						6				
7	8	10-1	121	3-4	3-5	3-4						7				
8	8	10-1½	122	3-4	3-5½	3-4						8				
9	8	10-2	122.	3-4	3-6	3-4						9				
10	8	10-4½	125.	3-5	3-6½	3-5						10				
11	8	10-5	125.	3-5	3-7	3-5						11				
12	8	10-5½	126.	3-5	3-7½	3-5						12				
13	8	10-8	128.	3-6	3-8	3-6						13				
14	8	10-8½	129.	3-6	3-8½	3-6						14				
15	8	U6 10-9	129.	3-6	3-9	3-6				GC600-		15				⊔
16	2	U6 6-2	19.	0-11	4-4	0-11				GC601-		1				
17	4	6-2½	37.		4-4½							2				
18	2	6-3	19.		4-5							3				
19	4	6-3½	38.		4-5½							4				
20	2	6-4	19.		4-6							5				
21	4	6-4½	38.		4-6½							6				
22	2	6-5	19		4-7							7				
23	4	6-5½	39.		4-7½							8				
24	2	6-6	20.		4-8							9				
25	4	6-6½	39.		4-8½							10				
26	2	6-7	20.		4-9							11				
27	2	6-7½	20.		4-9½							12				
28	2	6-8	20		4-10							13				
29	4	6-8½	40		4-10½							14				
30	2	6-9	20.		4-11							15				
31	4	6-9½	41.		4-11½							16				
32	2	6-10	21.		5-0							17				
33	4	6-10½	41.		5-0½							18				
34	2	6-11	21.		5-1							19				
35	4	6-11½	42.		5-1½							20				
36	2	U6 7-0	21.	0-11	5-2	0-11				GC601-		21				⊔
37			2420													
38																
39																
40																
41																
42																

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1	76	10 18-6	6050.	28	GF1000			55			
2				29				56			
3				30				57			
4				31				58			
5				32				59			
6				33				60			
7				34				61			
8				35				62			
9				36				63			
10				37				64			
11				38				65			
12				39				66			
13				40				67			
14				41				68			
15				42				69			
16				43				70			
17				44				71			
18				45				72			
19				46				73			
20				47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

Ø TOTAL WEIGHT

DATE SHIPPED
SHIPPED BY:
RECEIVED BY:
REF. DWG. NO I95-1(22)16
APPROVED

DRAWN	11-12-68	RCS
REVISION	2-4-69	RCS
REVISION		
REVISION		

PIER 5S-C

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER GIANCHETTE BROS.
DESIGNER NHSHC + MSHC
ORDER
DWG. 68-142
1 OF 2

BB 5S

BENT BARS

2 OF 2

BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L"

ITEM	NO.	MARK	WEIGHT	A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	12	U6 10-9	198	3-6	3-9	3-6				GC604-		1				⊔
2	8	10-9½	130	3-6	3-9½	3-6						2				
3	8	11-0	132	3-7	3-10	3-7						3				
4	4	11-0½	66	3-7	3-10½	3-7						4				
5	8	11-3	135	3-8	3-11	3-8						5				
6	4	11-3½	67.	3-8	3-11½	3-8						6				
7	8	11-4	136.	3-8	4-0	3-8						7				
8	4	11-6½	70.	3-9	4-0½	3-9						8				
9	8	11-7	139	3-9	4-1	3-9						9				
10	8	11-8	140.	3-9	4-2	3-9				GC604-		10				
11		~~11-6½~~	~~69.~~	~~3-8~~	[illegible]	~~3-8~~						~~11~~				
12		~~11-7~~	~~70.~~	~~3-8~~	~~4-3~~	~~3-8~~						~~12~~				
13		~~11-7½~~	~~70.~~	~~3-8~~	~~4-3½~~	~~3-8~~						~~13~~				
14		~~11-10~~	~~71.~~	~~3-9~~	~~4-4~~	~~3-9~~						~~14~~				
15		~~11-10½~~	~~71.~~	~~3-9~~	~~4-4½~~	~~3-9~~						~~15~~				
16		~~11-11~~	~~72~~	~~3-9~~	~~4-5~~	~~3-9~~						~~16~~				
17		~~11-11½~~	~~72~~	~~3-9~~	~~4-5½~~	~~3-9~~						~~17~~				
18	4	~~12-0~~	~~72~~	~~3-9~~	~~4-6~~	~~3-9~~				~~GC604-~~		~~18~~				
19	2	7-0	21.	11	5-2	11				GC605-		1				
20	4	7-0½	42		5-2½							2				
21	2	7-1	21.		5-3							3				
22	4	7-1½	43.		5-3½							4				
23	2	7-2	22		5-4							5				
24	4	7-2½	43		5-4½							6				
25	2	7-3	22		5-5							7				
26	2	7-3½	22		5-5½							8				
27	2	7-4	22		5-6							9				
28	4	7-4½	44.		5-6½							10				
29	2	7-5	22		5-7							11				
30	4	7-5½	45		5-7½							12				
31	2	U6 7-6	23.	11	5-8	11				GC605-		13				⊔
32			1601													
33																
34																
35	36	L14 75-8	20839	3-0	72-8					GF1402						└
36																
37																
38																
39																
40																
41																
42																

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1				28				55			
2				29				56			
3				30				57			
4				31				58			
5				32				59			
6				33				60			
7				34				61			
8				35				62			
9				36				63			
10				37				64			
11				38				65			
12				39				66			
13				40				67			
14				41				68			
15				42				69			
16				43				70			
17				44				71			
18				45				72			
19				46				73			
20				47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

Ø TOTAL WEIGHT 30,910

DATE SHIPPED
SHIPPED BY:
RECEIVED BY:
REF. DWG. NO I95-1(22)16
APPROVED

DRAWN	11-12-68	RCS
REVISION	2-4-69	RCS
REVISION		
REVISION		

PIER 5S-B

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER GIANCHETTE BROS
DESIGNER NHSHC + MSHC
ORDER
DWG. 68-142
2 OF 2

[illegible] 5S

BENT BARS

1 OF 2

BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L"

ITEM	NO	MARK	WEIGHT	A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	8	U6 9-6	114.	3-2	3-2	3-2				GC600-		1				⊔
2	8	9-6½	115.	3-2	3-2½	3-2						2				
3	8	9-7	115.	3-2	3-3	3-2						3				
4	8	9-9½	118.	3-3	3-3½	3-3						4				
5	8	9-10	118	3-3	3-4	3-3						5				
6	8	9-10½	119	3-3	3-4½	3-3						6				
7	8	10-1	121	3-4	3-5	3-4						7				
8	8	10-1½	122	3-4	3-5½	3-4						8				
9	8	10-2	122	3-4	3-6	3-4						9				
10	8	10-4½	125	3-5	3-6½	3-5						10				
11	8	10-5	125	3-5	3-7	3-5						11				
12	8	10-5½	126	3-5	3-7½	3-5						12				
13	8	10-8	128	3-6	3-8	3-6						13				
14	8	10-8½	129	3-6	3-8½	3-6						14				
15	8	U6 10-9	129	3-6	3-9	3-6				GC600-		15				⊔
16	2	U6 6-2	19	0-11	4-4	0-11				GC601-		1				
17	4	6-2½	37		4-4½							2				
18	2	6-3	19		4-5							3				
19	4	6-3½	38		4-5½							4				
20	2	6-4	19		4-6							5				
21	4	6-4½	38		4-6½							6				
22	2	6-5	19		4-7							7				
23	4	6-5½	39		4-7½							8				
24	2	6-6	20		4-8							9				
25	4	6-6½	39		4-8½							10				
26	2	6-7	20		4-9							11				
27	2	6-7½	20		4-9½							12				
28	2	6-8	20		4-10							13				
29	4	6-8½	40		4-10½							14				
30	2	6-9	20		4-11							15				
31	4	6-9½	41.		4-11½							16				
32	2	6-10	21.		5-0							17				
33	4	6-10½	41.		5-0½							18				
34	2	6-11	21.		5-1							19				
35	4	6-11½	42		5-1½							20				
36	2	U6 7-0	21.	0-11	5-2	0-11				GC601-		21				⊔
37			2420													
38																
39																
40																
41																
42																

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1	76	10 18-6	6050	28	GF1000			55			
2				29				56			
3				30				57			
4				31				58			
5				32				59			
6				33				60			
7				34				61			
8				35				62			
9				36				63			
10				37				64			
11				38				65			
12				39				66			
13				40				67			
14				41				68			
15				42				69			
16				43				70			
17				44				71			
18				45				72			
19				46				73			
20				47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

Ø TOTAL WEIGHT

DATE SHIPPED
SHIPPED BY:
RECEIVED BY:
REF. DWG. NO I95-1(22)16
APPROVED

DRAWN	11-12-68	RCS
REVISION	2-4-69	RCS
REVISION		
REVISION		

PIER 5S-B

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER GIANCHETTE BROS.
DESIGNER NHSHC + MSHC
ORDER
DWG. 68-142
1 OF 2

BB 5S

BENT BARS

2 OF 2

BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L"

ITEM	NO	MARK	WEIGHT	A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	8	U6 10-9	129.	3-6	3-9	3-6				GC602-		1				⊔
2	8	10-9½	130	3-6	3-9½	3-6						2				
3	4	11-0	66	3-7	3-10	3-7						3				
4	8	11-0½	133.	3-7	3-10½	3-7						4				
5	8	11-3	135.	3-8	3-11	3-8						5				
6	4	11-3½	68.	3-8	3-11½	3-8						6				
7	8	11-4	136	3-8	4-0	3-8						7				
8	8	11-6½	139.	3-9	4-0½	3-9						8				
9	8	11-7	139.	3-9	4-1	3-9				GC602-		9				
10	2	7-0	21	11	5-2	11				GC603-		1				
11	4	7-0½	42		5-2½							2				
12	2	7-1	21.		5-3							3				
13	4	7-1½	43.		5-3½							4				
14	2	7-2	22		5-4							5				
15	4	7-2½	43.		5-4½							6				
16	2	7-3	22		5-5							7				
17	4	7-3½	44		5-5½							8				
18	2	7-4	22		5-6							9				
19	4	7-4½	44		5-6½							10				
20	2	U6 7-5	22	11	5-7	11				GC603-		11				⊔
21			1421													
22																
23																
24	36	L14 73-8	20288	3-0	70-8					GF 1401						└
25																
26																
27																
28																
29																
30																
31																
32																
33																
34																
35																
36																
37																
38																
39																
40																
41																
42																

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1				28				55			
2				29				56			
3				30				57			
4				31				58			
5				32				59			
6				33				60			
7				34				61			
8				35				62			
9				36				63			
10				37				64			
11				38				65			
12				39				66			
13				40				67			
14				41				68			
15				42				69			
16				43				70			
17				44				71			
18				45				72			
19				46				73			
20				47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

Ø TOTAL WEIGHT 30,179.

DATE SHIPPED
SHIPPED BY:
RECEIVED BY:
REF. DWG. NO I95-1(22)16
APPROVED

DRAWN	11-12-68	RCS
REVISION		
REVISION		
REVISION		

PIER 5S-A

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER GIANCHETTE BROS.
DESIGNER NHSHC + MSHC
ORDER
DWG. 68-142
2 OF 2

114-153

BENT BARS

BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L"

ITEM	NO	MARK	WEIGHT	A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	[illegible]	[illegible] 9-6	[illegible]	[illegible]	[illegible]	[illegible]				HC600-		1				⊔
2	[illegible]	9-6½	[illegible]	[illegible]	[illegible]	[illegible]						2				
3	[illegible]	9-7	[illegible]	[illegible]	[illegible]	[illegible]						3				
4	[illegible]	9-9½	[illegible]	3-3	3-3½	3-3						4				
5	[illegible]	9-10	[illegible]	3-3	3-4	3-3						5				
6	[illegible]	9-10½	[illegible]	3-3	3-4½	3-3						6				
7	[illegible]	10-1	121	3-4	3-5	3-4						7				
8	8	10-1½	122	3-4	3-5½	3-4						8				
9	8	10-2	122	3-4	3-6	3-4						9				
10	8	10-4½	125	3-5	3-6½	3-5						10				
11	8	10-5	125	3-5	3-7	3-5						11				
12	8	10-5½	126	3-5	3-7½	3-5						12				
13	8	10-8	128	3-6	3-8	3-6						13				
14	8	10-8½	129	3-6	3-8½	3-6						14				
15	8	U6 10-9	129	3-6	3-9	3-6				HC600-		15				⊔
16	2	U6 6-2	19	0-11	4-4	0-11				HC601-		1				
17	4	6-2½	37		4-4½							2				
18	2	6-3	19		4-5							3				
19	4	6-3½	38		4-5½							4				
20	2	6-4	19		4-6							5				
21	4	6-4½	38		4-6½							6				
22	2	6-5	19		4-7							7				
23	4	6-5½	39		4-7½							8				
24	2	6-6	20		4-8							9				
25	4	6-6½	39		4-8½							10				
26	2	6-7	20		4-9							11				
27	2	6-7½	20		4-9½							12				
28	2	6-8	20		4-10							13				
29	4	6-8½	40		4-10½							14				
30	2	6-9	20		4-11							15				
31	4	6-9½	41		4-11½							16				
32	2	6-10	21		5-0							17				
33	4	6-10½	41		5-0½							18				
34	2	6-11	21		5-1							19				
35	4	6-11½	42		5-1½							20				
36	2	U6 7-0	21	0-11	5-2	0-11				HC601-		21				⊔
37																
38																
39																
40																
41																
42																

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1	76	10 18-6	6050	28	HF1000			55			
2				29				56			
3				30				57			
4				31				58			
5				32				59			
6				33				60			
7				34				61			
8				35				62			
9				36				63			
10				37				64			
11				38				65			
12				39				66			
13				40				67			
14				41				68			
15				42				69			
16				43				70			
17				44				71			
18				45				72			
19				46				73			
20				47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

Φ TOTAL WEIGHT ____

DATE SHIPPED ____
SHIPPED BY. ____
RECEIVED BY. ____
REF. DWG. NO. I95-1(22)16
APPROVED ____

PIER 6S-A B C D

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER GIANCHETTE BROS.
DESIGNER NHSHC + MSHC

DRAWN	11-8-68	RCS
REVISION	2-4-69	RCS
REVISION		
REVISION		

ORDER ____
DWG. 68-142
1 OF 2

BENT BARS 2 OF 2

BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L"

ITEM	NO	MARK	WEIGHT	A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	8	U6 10-9	129	3-6	3-9	3-6				GC608-		1				⊔
2		10-9½	130	3-6	3-9½	3-6						2				
3		11-0	132	3-7	3-10	3-7						3				
4		11-0½	133	3-7	3-10½	3-7						4				
5		11-3	135	3-8	3-11	3-8						5				
6		11-5½	138	3-9	3-11½	3-9						6				
7	8	11-6	138	3-9	4-0	3-9				GC608-		7				
8	2	7-0	21	11	5-2	11				GC609-		1				
9	2	7-0½	21		5-2½							2				
10	4	7-1	43		5-3							3				
11	2	7-1½	21		5-3½							4				
12	2	7-2	22		5-4							5				
13	4	7-2½	43		5-4½							6				
14	2	7-3	22		5-5							7				
15	2	7-3½	22		5-5½							8				
16	4	7-4	44		5-6							9				
17	2	7-4½	22		5-6½							10				
18	2	U6 7-5	22	11	5-7	11				GC609-		11				⊔
19			1238													
20																
21																
22	36	L14 70-11	19531	3-0	67-11					GF1404						└
23																
24																
25																
26																
27																
28																
29																
30																
31																
32																
33																
34																
35																
36																
37																
38																
39																
40																
41																
42																

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1				28				55			
2				29				56			
3				30				57			
4				31				58			
5				32				59			
6				33				60			
7				34				61			
8				35				62			
9				36				63			
10				37				64			
11				38				65			
12				39				66			
13				40				67			
14				41				68			
15				42				69			
16				43				70			
17				44				71			
18				45				72			
19				46				73			
20				47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

Φ TOTAL WEIGHT 29,239.

DATE SHIPPED ____
SHIPPED BY. ____
RECEIVED BY. ____
REF. DWG. NO. I95-1(22)16
APPROVED ____

PIER 5S-D

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER GIANCHETTE BROS.
DESIGNER NHSHC + MSHC

DRAWN	11-12-68	RCS
REVISION		
REVISION		
REVISION		

ORDER ____
DWG. 68-142
2 OF 2

BENT BARS 1 OF 2

BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L"

ITEM	NO	MARK	WEIGHT	A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	8	U6 9-6	114	3-2	3-2	3-2				GC600-		1				⊔
2	8	9-6½	115	3-2	3-2½	3-2						2				
3	8	9-7	115	3-2	3-3	3-2						3				
4	8	9-9½	118	3-3	3-3½	3-3						4				
5	8	9-10	118	3-3	3-4	3-3						5				
6	8	9-10½	119	3-3	3-4½	3-3						6				
7	8	10-1	121	3-4	3-5	3-4						7				
8	8	10-1½	122	3-4	3-5½	3-4						8				
9	8	10-2	122	3-4	3-6	3-4						9				
10	8	10-4½	125	3-5	3-6½	3-5						10				
11	8	10-5	125	3-5	3-7	3-5						11				
12	8	10-5½	126	3-5	3-7½	3-5						12				
13	8	10-8	128	3-6	3-8	3-6						13				
14	8	10-8½	129	3-6	3-8½	3-6						14				
15	8	U6 10-9	129	3-6	3-9	3-6				GC600-		15				⊔
16	2	U6 6-2	19	11	4-4	11				GC601-		1				
17	4	6-2½	37		4-4½							2				
18	2	6-3	19		4-5							3				
19	4	6-3½	38		4-5½							4				
20	2	6-4	19		4-6							5				
21	4	6-4½	38		4-6½							6				
22	2	6-5	19		4-7							7				
23	4	6-5½	39		4-7½							8				
24	2	6-6	20		4-8							9				
25	4	6-6½	39		4-8½							10				
26	2	6-7	20		4-9							11				
27	2	6-7½	20		4-9½							12				
28	2	6-8	20		4-10							13				
29	4	6-8½	40		4-10½							14				
30	2	6-9	20		4-11							15				
31	4	6-9½	41		4-11½							16				
32	2	6-10	21		5-0							17				
33	4	6-10½	41		5-0½							18				
34	2	6-11	21		5-1							19				
35	4	6-11½	42		5-1½							20				
36	2	U6 7-0	21	11	5-2	11				GC601-		21				⊔
37			2420													
38																
39																
40																
41																
42																

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1	76	10 18-6	6050	28	GF1000			55			
2				29				56			
3				30				57			
4				31				58			
5				32				59			
6				33				60			
7				34				61			
8				35				62			
9				36				63			
10				37				64			
11				38				65			
12				39				66			
13				40				67			
14				41				68			
15				42				69			
16				43				70			
17				44				71			
18				45				72			
19				46				73			
20				47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

Φ TOTAL WEIGHT ____

DATE SHIPPED ____
SHIPPED BY: ____
RECEIVED BY: ____
REF. DWG. NO. I95-1(22)16
APPROVED ____

PIER 5S-D

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER GIANCHETTE BROS.
DESIGNER NHSHC + MSHC

DRAWN	11-12-68	RCS
REVISION		
REVISION		
REVISION		

ORDER ____
DWG. 68-142
[illegible]

BCD

BENT BARS 2 OF 2

BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L"

ITEM	NO.	MARK	WEIGHT	A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	12	U6 10-9	194	3-6	3-9	3-6				GC606-		1				⊔
2	8	10-9½	130	3-6	3-9½	3-6						2				
3	8	11-0	132	3-7	3-10	3-7						3				
4	4	11-0½	66	3-7	3-10½	3-7						4				
5	8	11-3	135	3-8	3-11	3-8						5				
6	4	11-3½	67	3-8	3-11½	3-8						6				
7	8	11-4	136	3-8	4-0	3-8						7				
8	4	11-6½	70	3-9	4-0½	3-9						8				
9	8	11-7	139	3-9	4-1	3-9						9				
10	8	11-8	70	3-9	4-1½	3-9				GC606-		10				
11		~~11-6~~	~~69~~	~~3-8~~	~~4-2~~	~~3-8~~						~~11~~				
12		~~11-6½~~	~~69~~	~~3-8~~	~~4-2½~~	~~3-8~~						~~12~~				
13		~~11-7~~	~~70~~	~~3-8~~	~~4-3~~	~~3-8~~						~~13~~				
14		~~11-9½~~	~~71~~	~~3-9~~	~~4-3½~~	~~3-9~~						~~14~~				
15		~~11-10~~	~~71~~	~~3-9~~	~~4-4~~	~~3-9~~						~~15~~				
16		~~11-10½~~	~~71~~	~~3-9~~	~~4-4½~~	~~3-9~~						~~16~~				
17	~~4~~	~~11-11~~	~~72~~	~~3-9~~	~~4-5~~	~~3-9~~				~~GC606-~~		~~17~~				
18	4	7-0	42	11	5-2	11				GC607-		1				
19	2	7-0½	21		5-2½							2				
20	4	7-1	43		5-3							3				
21	2	7-1½	21		5-3½							4				
22	4	7-2	43		5-4							5				
23	2	7-2½	22		5-4½							6				
24	4	7-3	44		5-5							7				
25	2	7-3½	22		5-5½							8				
26	4	7-4	44		5-6							9				
27	2	7-4½	22		5-6½							10				
28	4	U6 7-5	45	11	5-7	11				GC607-		11				⊔
29			1508													
30																
31																
32																
33	36	L14 74-8	20563	3-0	71-8					GF1403						└
34																
35																
36																
37																
38																
39																
40																
41																
42																

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1				28				55			
2				29				56			
3				30				57			
4				31				58			
5				32				59			
6				33				60			
7				34				61			
8				35				62			
9				36				63			
10				37				64			
11				38				65			
12				39				66			
13				40				67			
14				41				68			
15				42				69			
16				43				70			
17				44				71			
18				45				72			
19				46				73			
20				47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

Φ TOTAL WEIGHT 30,541

DATE SHIPPED ____
SHIPPED BY: ____
RECEIVED BY: ____
REF. DWG. NO. I95-1(22)16
APPROVED ____

PIER 5S-C

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER GIANCHETTE BROS.
DESIGNER NHSHC + MSHC

DRAWN	11-12-68	RCS
REVISION	2-4-69	RCS
REVISION		
REVISION		

ORDER ____
DWG. 68-142
2 OF 2

114-15

BENT BARS 1 OF 2

BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L"

ITEM	NO	MARK	WEIGHT	A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	8	U6 9-6	114	3-2	3-2	3-2				HC	600	-1				⊔
2	8	9-6½	115	3-2	3-2	3-2						2				
3	8	9-7	115	3-2	3-3	3-2						3				
4	[illegible]	9-7½	116	3-3	3-3½	3-3						4				
5	[illegible]	[illegible]	117	[illegible]	[illegible]	3-3						5				
6	[illegible]	[illegible]	[illegible]	3-3	[illegible]	3-3						6				
7	[illegible]	10-1	121	3-4	3-5	3-4						7				
8	8	10-1½	122	3-4	3-5½	3-4						8				
9	8	10-2	122	3-4	3-6	3-4						9				
10	8	10-4½	125	3-5	3-6½	3-5						10				
11	8	10-5	125	3-5	3-7	3-5						11				
12	8	10-5½	126	3-5	3-7½	3-5						12				
13	8	10-8	128	3-6	3-8	3-6						13				
14	8	10-8½	129	3-6	3-8½	3-6						14				
15	8	U6 10-9	129	3-6	3-9	3-6				HC	600	-15				⊔
16	2	U6 6-2	19	0-11	4-4	0-11				HC	601	-1				
17	4	6-2½	37		4-4½							2				
18	2	6-3	19		4-5							3				
19	4	6-3½	38		4-5½							4				
20	2	6-4	19		4-6							5				
21	4	6-4½	38		4-6½							6				
22	2	6-5	19		4-7							7				
23	4	6-5½	39		4-7½							8				
24	2	6-6	20		4-8							9				
25	4	6-6½	39		4-8½							10				
26	2	6-7	20		4-9							11				
27	2	6-7½	20		4-9½							12				
28	2	6-8	20		4-10							13				
29	4	6-8½	40		4-10½							14				
30	2	6-9	20		4-11							15				
31	4	6-9½	41		4-11½							16				
32	2	6-10	21		5-0							17				
33	4	6-10½	41		5-0½							18				
34	2	6-11	21		5-1							19				
35	4	6-11½	42		5-1½							20				
36	2	U6 7-0	21	0-11	5-2	0-11				HC	601	-21				⊔
37																
38																
39																
40																
41																
42																

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1	76	10 18-6	6050	28	HF1000			55			
2				29				56			
3				30				57			
4				31				58			
5				32				59			
6				33				60			
7				34				61			
8				35				62			
9				36				63			
10				37				64			
11				38				65			
12				39				66			
13				40				67			
14				41				68			
15				42				69			
16				43				70			
17				44				71			
18				45				72			
19				46				73			
20				47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

Φ TOTAL WEIGHT

DATE SHIPPED
SHIPPED BY
RECEIVED BY
REF. DWG. NO I95-1(22)16
APPROVED

DRAWN	11-8-68	RCS
REVISION	2-4-69	RCS
REVISION		
REVISION		

PIER 6S-C

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER CIANCHETTE BROS.
DESIGNER NHSHC & MSHC
ORDER
DWG. 68-142
1 OF 2

BENT BARS 2 OF 2

BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L"

ITEM	NO	MARK	WEIGHT	A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	8	U6 10-9	129	3-6	3-9	3-6				HC	602	-1				⊔
2	8	10-9½	130	3-6	3-9½	3-6						2				
3	8	11-0	132	3-7	3-10	3-7						3				
4	8	11-0½	133	3-7	3-10½	3-7						4				
5	8	11-1	133	3-7	3-11	3-7						5				
6	8	11-3½	136	3-8	3-11½	3-8						6				
7	4	11-4	68	3-8	4-0	3-8				HC	602	-7				
8	2	7-0	21	0-11	5-2	0-11				HC	603	-1				
9	2	7-0½	21		5-2½							2				
10	2	7-1	21		5-3							3				
11	4	7-1½	43		5-3½							4				
12	2	7-2	22		5-4							5				
13	2	7-2½	22		5-4½							6				
14	2	7-3	22		5-5							7				
15	4	7-3½	44		5-5½							8				
16	2	7-4	22		5-6							9				
17	2	7-4½	22		5-6½							10				
18	2	U6 7-5	22	0-11	5-7	0-11				HC	603	-11				⊔
19			3563													
20																
21																
22																
23	36	L14 69-11	1925	3-0	66-11					HF	1400					∟
24																
25																
26																
27																
28																
29																
30																
31																
32																
33																
34																
35																
36																
37																
38																
39																
40																
41																
42																

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1				28				55			
2				29				56			
3				30				57			
4				31				58			
5				32				59			
6				33				60			
7				34				61			
8				35				62			
9				36				63			
10				37				64			
11				38				65			
12				39				66			
13				40				67			
14				41				68			
15				42				69			
16				43				70			
17				44				71			
18				45				72			
19				46				73			
20				47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

Φ TOTAL WEIGHT 28,868

DATE SHIPPED
SHIPPED BY
RECEIVED BY
REF. DWG. NO I95-1(22)16
APPROVED

DRAWN	11-8-68	RCS
REVISION	2-4-69	RCS
REVISION		
REVISION		

PIER 6S-B

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER CIANCHETTE BROS.
DESIGNER NHSHC & MSHC
ORDER
DWG. 68-142
2 OF 2

BENT BARS 1 OF 2

BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L"

ITEM	NO	MARK	WEIGHT	A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]	1				⊔
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						2				
3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						3				
4	[illegible]	[illegible]	117	3-3	[illegible]	3-3						4				
5	8	9-10	[illegible]	[illegible]	[illegible]	[illegible]						5				
6	8	9-10½	[illegible]	3-3	[illegible]	3-3						6				
7	8	10-1	121	3-4	3-5	3-4						7				
8	8	10-1½	122	3-4	3-5½	3-4						8				
9	8	10-2	122	3-4	3-6	3-4						9				
10	8	10-4½	125	[illegible]	[illegible]	[illegible]						10				
11	8	10-5	125	3-5	3-7	3-5						11				
12	8	10-5½	126	3-5	3-7½	3-5						12				
13	8	10-8	128	3-6	3-8	3-6						13				
14	8	10-8½	129	3-6	3-8½	3-6						14				
15	8	U6 10-9	129	3-6	3-9	3-6				HC	600	-15				⊔
16	2	U6 6-2	19	0-11	4-4	0-11				HC	601	-1				
17	4	6-2½	37		4-4½							2				
18	2	6-3	19		4-5							3				
19	4	6-3½	38		4-5½							4				
20	2	6-4	19		4-6							5				
21	4	6-4½	38		4-6½							6				
22	2	6-5	19		4-7							7				
23	4	6-5½	39		4-7½							8				
24	2	6-6	20		4-8							9				
25	4	6-6½	39		4-8½							10				
26	2	6-7	20		4-9							11				
27	2	6-7½	20		4-9½							12				
28	2	6-8	20		4-10							13				
29	4	6-8½	40		4-10½							14				
30	2	6-9	20		4-11							15				
31	4	6-9½	41		4-11½							16				
32	2	6-10	21		5-0							17				
33	4	6-10½	41		5-0½							18				
34	2	6-11	21		5-1							19				
35	4	6-11½	42		5-1½							20				
36	2	U6 7-0	21	0-11	5-2	0-11				HC	601	-21				⊔
37																
38																
39																
40																
41																
42																

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1	76	10 18-6	6050	28	HF1000			55			
2				29				56			
3				30				57			
4				31				58			
5				32				59			
6				33				60			
7				34				61			
8				35				62			
9				36				63			
10				37				64			
11				38				65			
12				39				66			
13				40				67			
14				41				68			
15				42				69			
16				43				70			
17				44				71			
18				45				72			
19				46				73			
20				47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

Φ TOTAL WEIGHT

DATE SHIPPED
SHIPPED BY
RECEIVED BY
REF. DWG. NO I95-1(22)16
APPROVED

DRAWN	11-8-68	RCS
REVISION	2-4-69	RCS
REVISION		
REVISION		

PIER 6S-B

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER CIANCHETTE BROS.
DESIGNER NHSHC & MSHC
ORDER
DWG. 68-142
1 OF 2

41

BENT BARS 2 OF 2

BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L"

ITEM	NO.	MARK	WEIGHT	A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	8	U6 10-9	129	3-6	3-9	3-6				HC	602	-1				⊔
2	8	10-9½	130	3-6	3-9½	3-6						2				
3	8	11-0	132	3-7	3-10	3-7						3				
4	8	11-0½	133	3-7	3-10½	3-7						4				
5	8	11-1	133	3-7	3-11	3-7						5				
6	8	11-3½	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]				
7	4	11-4	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]	[illegible]				
8	2	7-0	21	0-11	[illegible]	0-11				HC	[illegible]	-1				
9	2	7-0½	21		5-2½							2				
10	2	7-1	21		5-3							3				
11	4	7-1½	43		5-3½							4				
12	2	7-2	22		5-4							5				
13	2	7-2½	22		5-4½							6				
14	2	7-3	22		5-5							7				
15	4	7-3½	44		5-5½							8				
16	2	7-4	22		5-6							9				
17	2	7-4½	22		5-6½							10				
18	2	U6 7-5	22	0-11	5-7	0-11				HC	[illegible]	-11				
19			3563													
20																
21																
22	36	L14 69-11	1925	3-0	[illegible]					HF	1400					[illegible]
23																
24																
25																
26																
27																
28																
29																
30																
31																
32																
33																
34																
35																
36																
37																
38																
39																
40																
41																
42																

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1				28				55			
2				29				56			
3				30				57			
4				31				58			
5				32				59			
6				33				60			
7				34				61			
8				35				62			
9				36				63			
10				37				64			
11				38				65			
12				39				66			
13				40				67			
14				41				68			
15				42				69			
16				43				70			
17				44				71			
18				45				72			
19				46				73			
20				47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

Φ TOTAL WEIGHT 28,868

DATE SHIPPED
SHIPPED BY
RECEIVED BY
REF. DWG. NO I95-1(22)16
APPROVED

DRAWN	11-8-68	RCS
REVISION	2-4-69	RCS
REVISION		
REVISION		

PIER 6S-A

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER CIANCHETTE BROS.
DESIGNER NHSHC & MSHC
ORDER
DWG. 68-142
2 OF 2

114-158

55 ck

BENT BARS 1 OF 2

BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L"

ITEM	NO	MARK	WEIGHT	A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	4	U6 9-7	[illegible]	3-2	3-3	3-2				JC600-		1				⊔
2		9-7½			3-3½							2				
3		9-8			3-4							3				
4		9-8½			3-4½							4				
5		9-9			3-5							5				
6		9-9½		3-2	3-5½	3-2						6				
7		10-0		3-3	3-6	3-3						7				
8		10-0½	[illegible]		3-6½							8				
9		10-1			3-7							9				
10		10-1½			3-7½							10				
11		10-2			3-8							11				
12		10-2½		3-3	3-8½	3-3						12				
13		10-5		3-4	3-9	3-4						13				
14		10-5½			3-9½							14				
15		10-6			3-10							15				
16		10-7			3-11							16				
17		10-7½			3-11½							17				
18		10-8		3-4	4-0	3-4						18				
19		10-10½		3-5	4-0½	3-5						19				
20		10-11			4-1							20				
21		10-11½			4-1½							21				
22		11-0			4-2							22				
23		11-0½			4-2½							23				
24		11-1		3-5	4-3	3-5						24				
25		11-3½		3-6	4-3½	3-6						25				
26		11-4			4-4							26				
27		11-4½			4-4½							27				
28		11-5	69		4-5							28				
29		11-5½	69		4-5½							29				
30	4	11-6	69	3-6	4-6	3-6				JC600-		30				
31	2	6-2	19	0-11	4-4	0-11				JC601-		1				
32	4	6-2½	37		4-4½							2				
33	2	6-3	19		4-5							3				
34	4	6-3½			4-5½							4				
35	2	6-4	19		4-6							5				
36	4	6-4½			4-6½							6				
37	2	6-5	19		4-7							7				
38	4	6-5½			4-7½							8				
39	2	6-6			4-8							9				
40	4	6-6½			4-8½							10				
41	2	6-7			4-9							11				
42	2	U6 6-7½		0-11	4-9½	0-11				JC601-		12				⊔

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1	78	10 19-6	6545	28	JF1000			55			

Φ TOTAL WEIGHT

DATE SHIPPED

SHIPPED BY:

RECEIVED BY

REF DWG NO I95-1(22)16

APPROVED

DRAWN	11-8-68	RCS
REVISION		

PIER 7S-A

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER GIANCHETTE BROS.
DESIGNER NHSHC + MSHC

BENT BARS 2 OF 2

BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L"

ITEM	NO	MARK	WEIGHT	A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	12	U6 10-9	164.	3-6	3-9	3-6				HC604-		1				⊔
2	16	10-11½	263.	3-7	3-9½	3-7				HC604-		2				
3	12	11-2	201.	3-8	3-10	3-8				HC604-		3				
4	2	7-0	21.	0-11	5-2	0-11				HC605-		1				
5	2	7-0½	21.		5-2½							2				
6	2	7-1	21.		5-3							3				
7	2	7-1½	21.		5-3½							4				
8	4	7-2	43.		5-4							5				
9	2	7-2½	22.		5-4½							6				
10	2	7-3	22.		5-5							7				
11	2	7-3½	22.		5-5½							8				
12	2	U6 7-4	22.	0-11	5-6	0-11				HC605-		9				⊔
13			3293.													
16	36	L14 65-11	18154.	3-0	62-11					HF 1401						└

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1				28				55			

Φ TOTAL WEIGHT 21,447

DATE SHIPPED

SHIPPED BY:

RECEIVED BY:

REF. DWG NO I95-1(22)16

APPROVED

DRAWN	11-8-68	RCS
REVISION	2-4-69	RCS
REVISION		
REVISION		

PIER 6S-D

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER GIANCHETTE BROS.
DESIGNER NHSHC + MSHC

ORDER
DWG. 68-142
2 OF 2

BENT BARS 1 OF 2

BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L"

ITEM	NO	MARK	WEIGHT	A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	8	U6 9-6	114.	3-2	3-2	3-2				HC600-		1				⊔
2	8	9-6½	115.	3-2	3-2½	3-2						2				
3	8	9-7	115.	3-2	3-3	3-2						3				
4	8	9-9½	118.	3-3	3-3½	3-3						4				
5	8	9-10	118.	3-3	3-4	3-3						5				
6	8	9-10½	119.	3-3	3-4½	3-3						6				
7	8	10-1	121.	3-4	3-5	3-4						7				
8	8	10-1½	122.	3-4	3-5½	3-4						8				
9	8	10-2	122.	3-4	3-6	3-4						9				
10	8	10-4½	125.	3-5	3-6½	3-5						10				
11	8	10-5	125.	3-5	3-7	3-5						11				
12	8	10-5½	126.	3-5	3-7½	3-5						12				
13	8	10-8	128.	3-6	3-8	3-6						13				
14	8	10-8½	129.	3-6	3-8½	3-6						14				
15	8	U6 10-9	129.	3-6	3-9	3-6				HC600-		15				⊔
16	2	U6 6-2	16.	0-11	4-4	0-11				HC601-		1				
17	4	6-2½	37.		4-4½							2				
18	2	6-3	18.		4-5							3				
19	4	6-3½	38.		4-5½							4				
20	2	6-4	19.		4-6							5				
21	4	6-4½	38.		4-6½							6				
22	2	6-5	19.		4-7							7				
23	4	6-5½	39.		4-7½							8				
24	2	6-6	20.		4-8							9				
25	4	6-6½	39.		4-8½							10				
26	2	6-7	20.		4-9							11				
27	2	6-7½	20.		4-9½							12				
28	2	6-8	20.		4-10							13				
29	4	6-8½	40.		4-10½							14				
30	2	6-9	20.		4-11							15				
31	4	6-9½	41.		4-11½							16				
32	2	6-10	21.		5-0							17				
33	4	6-10½	41.		5-0½							18				
34	2	6-11	21.		5-1							19				
35	4	6-11½	42.		5-1½							20				
36	2	U6 7-0	21.	0-11	5-2	0-11				HC601-		21				⊔

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1	76	10 18-6	6050.	28	HF1000			55			

Φ TOTAL WEIGHT

DATE SHIPPED

SHIPPED BY

RECEIVED BY

REF DWG NO I95-1(22)16

APPROVED

DRAWN	11-8-68	RCS
REVISION	2-4-69	RCS
REVISION		
REVISION		

PIER 6S-D

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER GIANCHETTE BROS.
DESIGNER NHSHC + MSHC

ORDER
DWG. 68-142
1 OF 2

BENT BARS 2 OF 2

BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L"

ITEM	NO	MARK	WEIGHT	A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	8	U6 10-9	126.	3-6	3-9	3-6				HC602-		1				⊔
2	8	10-9½	130.	3-6	3-9½	3-6						2				
3	8	11-0	132.	3-7	3-10	3-7						3				
4	8	11-0½	133.	3-7	3-10½	3-7						4				
5	8	11-1	133.	3-7	3-11	3-7						5				
6	8	11-3½	136.	3-8	3-11½	3-8						6				
7	4	11-4	68	3-8	4-0	3-8				HC602-		7				
8	2	7-0	21.	0-11	5-2	0-11				HC603-		1				
9	2	7-0½	21.		5-2½							2				
10	2	7-1	21.		5-3							3				
11	4	7-1½	43.		5-3½							4				
12	2	7-2	22.		5-4							5				
13	2	7-2½	22.		5-4½							6				
14	2	7-3	22.		5-5							7				
15	4	7-3½	44.		5-5½							8				
16	2	7-4	22.		5-6							9				
17	2	7-4½	22.		5-6½							10				
18	2	U6 7-5	22.	0-11	5-7	0-11				HC603-		11				⊔
19			3563													
22	36	L14 69-11	19255	3-0	66-11					HF1402						└

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1				28				55			

Φ TOTAL WEIGHT 28,868

DATE SHIPPED

SHIPPED BY.

RECEIVED BY.

REF. DWG NO I95-1(22)16

APPROVED

DRAWN	11-8-68	RCS
REVISION	2-4-69	RCS
REVISION		
REVISION		

PIER 6S-C

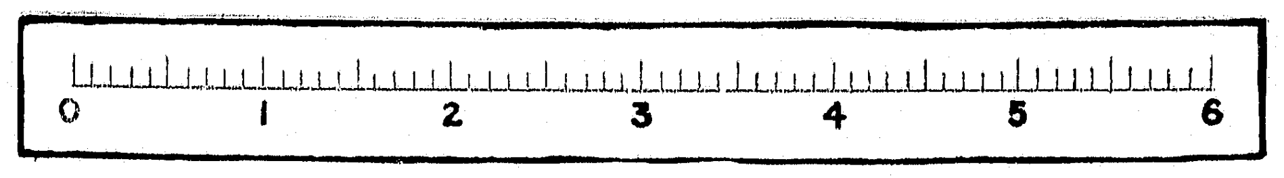
Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER GIANCHETTE BROS.
DESIGNER NHSHC + MSHC

ORDER
DWG

114-159



SS-CK

BENT BARS 1 OF 2

ITEM	NO	MARK	WEIGHT	BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L"												
				A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	4	U6 9-7	58	3-2	3-3	3-2				JC600-		1				⊔
2		9-7½	58		3-3½							2				
3		9-8	58		3-4							3				
4		9-8½	58		3-4½							4				
5		9-9	59		3-5							5				
6		9-9½	59	3-2	3-5½	3-2						6				
7		10-0	60	3-3	3-6	3-3						7				
8		10-0½	60		3-6½							8				
9		10-1	61		3-7							9				
10		10-1½	61		3-7½							10				
11		10-2	61		3-8							11				
12		10-2½	61	3-3	3-8½	3-3						12				
13		10-5	63	3-4	3-9	3-4						13				
14		10-5½	63		3-9½							14				
15		10-6	63		3-10							15				
16		10-7	64		3-11							16				
17		10-7½	64		3-11½							17				
18		10-8	64	3-4	4-0	3-4						18				
19		10-10½	65	3-5	4-0½	3-5						19				
20		10-11	66		4-1							20				
21		10-11½	66		4-1½							21				
22		11-0	66		4-2							22				
23		11-0½	66		4-2½							23				
24		11-1	67	3-5	4-3	3-5						24				
25		11-3½	68	3-6	4-3½	3-6						25				
26		11-4	68		4-4							26				
27		11-4½	68		4-4½							27				
28		11-5	69		4-5							28				
29		11-5½	69		4-5½							29				
30	4	11-6	69	3-6	4-6	3-6				JC600-		30				
31	2	6-2	19	0-11	4-4	0-11				JC601-		1				
32	4	6-2½	37		4-4½							2				
33	2	6-3	19		4-5							3				
34	4	6-3½	38		4-5½							4				
35	2	6-4	19		4-6							5				
36	4	6-4½	38		4-6½							6				
37	2	6-5	19		4-7							7				
38	4	6-5½	39		4-7½							8				
39	2	6-6	20		4-8							9				
40	4	6-6½	39		4-8½							10				
41	2	6-7	20		4-9							11				
42	2	U6 6-7½	20	0-11	4-9½	0-11				JC601-		12				⊔

[illegible]

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1	78	10 19-6	6545	28	JF1000			55			
2				29				56			
3				30				57			
4				31				58			
5				32				59			
6				33				60			
7				34				61			
8				35				62			
9				36				63			
10				37				64			
11				38				65			
12				39				66			
13				40				67			
14				41				68			
15				42				69			
16				43				70			
17				44				71			
18				45				72			
19				46				73			
20				47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

φ TOTAL WEIGHT

DATE SHIPPED
SHIPPED BY
RECEIVED BY
REF. DWG NO I95-1(22)16
APPROVED

DRAWN	11-8-68	RCS
REVISION	2-4-69	RCS
REVISION		
REVISION		

PIER 7S-C

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER CIANCHETTE BROS.
DESIGNER NHSHC + MSHC
ORDER
DWG. 68-142 1 OF 2

---

9 SS CK

BENT BARS 2 OF 2

ITEM	NO	MARK	WEIGHT	BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L"												
				A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	2	U6 6-8	20	0-11	4-10	0-11				JC601-		13				⊔
2	4	6-8½	40		4-10½							14				
3	2	6-9	20		4-11							15				
4	4	6-9½	41		4-11½							16				
5	2	6-10	21		5-0							17				
6	4	6-10½	41		5-0½							18				
7	2	6-11	21		5-1							19				
8	4	6-11½	42		5-1½							20				
9	2	U6 7-0	21	0-11	5-2	0-11				JC601-		21				⊔
10	4	11-6	69	3-6	4-6	3-6				JC602-		1				
11	8	11-6½	139	3-6	4-6½	3-6						2				
12	4	11-9	71	3-7	4-7	3-7						3				
13	8	11-9½	142	3-7	4-7½	3-7						4				
14	4	11-10	71	3-7	4-8	3-7						5				
15	8	12-0½	145	3-8	4-8½	3-8						6				
16	4	12-1	73	3-8	4-9	3-8				JC602-		7				
17	2	7-0	21	0-11	5-2	0-11				JC603-		1				
18	4	7-0½	42		5-2½							2				
19	2	7-1	21		5-3							3				
20	4	7-1½	43		5-3½							4				
21	2	7-2	22		5-4							5				
22	4	7-2½	43		5-4½							6				
23	2	U6 7-3	22	0-11	5-5	0-11				JC603-		7				⊔
24			3420													
25																
26																
27	24	L14 66-8	12240	3-0	63-8					JF1404						∟
28	16	L14 47-11	5865	3-0	44-11					JF1405						∟
29	8	L14 39-8	2428	3-0	36-8					JF1406						∟
30			20533													
31																
32																
33																
34																
35																
36																
37																
38																
39																
40																
41																
42																

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1				28				55			
2				29				56			
3				30				57			
4				31				58			
5				32				59			
6				33				60			
7				34				61			
8				35				62			
9				36				63			
10				37				64			
11				38				65			
12				39				66			
13				40				67			
14				41				68			
15				42				69			
16				43				70			
17				44				71			
18				45				72			
19				46				73			
20				47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

φ TOTAL WEIGHT 30,498

DATE SHIPPED
SHIPPED BY
RECEIVED BY
REF. DWG NO I95-1(22)16
APPROVED

DRAWN	11-8-68	RCS
REVISION	2-4-69	RCS
REVISION		
REVISION		

PIER 7S-B

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER CIANCHETTE BROS.
DESIGNER NHSHC + MSHC
ORDER
DWG. 68-142 2 OF 2

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9 SS-CK

BENT BARS 1 OF 2

ITEM	NO	MARK	WEIGHT	BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L"												
				A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	4	U6 9-7	58	3-2	3-3	3-2				JC600-		1				⊔
2		9-7½	58		3-3½							2				
3		9-8	58		3-4							3				
4		9-8½	58		3-4½							4				
5		9-9	59		3-5							5				
6		9-9½	59	3-2	3-5½	3-2						6				
7		10-0	60	3-3	3-6	3-3						7				
8		10-0½	60		3-6½							8				
9		10-1	61		3-7							9				
10		10-1½	61		3-7½							10				
11		10-2	61		3-8							11				
12		10-2½	61	3-3	3-8½	3-3						12				
13		10-5	63	3-4	3-9	3-4						13				
14		10-5½	63		3-9½							14				
15		10-6	63		3-10							15				
16		10-7	64		3-11							16				
17		10-7½	64		3-11½							17				
18		10-8	64	3-4	4-0	3-4						18				
19		10-10½	65	3-5	4-0½	3-5						19				
20		10-11	66		4-1							20				
21		10-11½	66		4-1½							21				
22		11-0	66		4-2							22				
23		11-0½	66		4-2½							23				
24		11-1	67	3-5	4-3	3-5						24				
25		11-3½	68	3-6	4-3½	3-6						25				
26		11-4	68		4-4							26				
27		11-4½	68		4-4½							27				
28		11-5	69		4-5							28				
29		11-5½	69		4-5½							29				
30	4	11-6	69	3-6	4-6	3-6				JC600-		30				
31	2	6-2	19	0-11	4-4	0-11				JC601-		1				
32	4	6-2½	37		4-4½							2				
33	2	6-3	19		4-5							3				
34	4	6-3½	38		4-5½							4				
35	2	6-4	19		4-6							5				
36	4	6-4½	38		4-6½							6				
37	2	6-5	19		4-7							7				
38	4	6-5½	39		4-7½							8				
39	2	6-6	20		4-8							9				
40	4	6-6½	39		4-8½							10				
41	2	6-7	20		4-9							11				
42	2	U6 6-7½	20	0-11	4-9½	0-11				JC601-		12				⊔

2229

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1	78	10 19-6	6545	28	JF1000			55			
2				29				56			
3				30				57			
4				31				58			
5				32				59			
6				33				60			
7				34				61			
8				35				62			
9				36				63			
10				37				64			
11				38				65			
12				39				66			
13				40				67			
14				41				68			
15				42				69			
16				43				70			
17				44				71			
18				45				72			
19				46				73			
20				47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

φ TOTAL WEIGHT

DATE SHIPPED
SHIPPED BY
RECEIVED BY
REF. DWG NO I95-1(22)16
APPROVED

DRAWN	11-8-68	RCS
REVISION	2-4-69	RCS
REVISION		
REVISION		

PIER 7S-B

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER CIANCHETTE BROS.
DESIGNER NHSHC + MSHC
ORDER
DWG. 68-142 1 OF 2

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ck

BENT BARS 2 OF 2

ITEM	NO	MARK	WEIGHT	BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L"												
				A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	2	U6 6-8	20	0-11	4-10	0-11				JC601-		13				⊔
2	4	6-8½	40		4-10½							14				
3	2	6-9	20		4-11							15				
4	4	6-9½	41		4-11½							16				
5	2	6-10	21		5-0							17				
6	4	6-10½	41		5-0½							18				
7	2	6-11	21		5-1							19				
8	4	6-11½	42		5-1½							20				
9	2	U6 7-0	21	0-11	5-2	0-11				JC601-		21				⊔
10	4	11-6	69	3-6	4-6	3-6				JC602-		1				
11	8	11-6½	139	3-6	4-6½	3-6						2				
12	4	11-9	71	3-7	4-7	3-7						3				
13	8	11-9½	142	3-7	4-7½	3-7						4				
14	4	11-10	71	3-7	4-8	3-7						5				
15	8	12-0½	145	3-8	4-8½	3-8						6				
16	4	12-1	73	3-8	4-9	3-8				JC602-		7				
17	2	7-0	21	0-11	5-2	0-11				JC603-		1				
18	4	7-0½	42		5-2½							2				
19	2	7-1	21		5-3							3				
20	4	7-1½	43		5-3½							4				
21	2	7-2	22		5-4							5				
22	4	7-2½	43		5-4½							6				
23	2	U6 7-3	22	0-11	5-5	0-11				JC603-		7				⊔
24			3420													
25																
26																
27																
28	24	L14 67-11	12470	3-0	64-11					JF1401						∟
29	16	L14 49-5	6019	3-0	46-5					JF1402						∟
30	8	L14 40-4	2468	3-0	37-4					JF1403						∟
31			20987													
32																
33																
34																
35																
36																
37																
38																
39																
40																
41																
42																

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1				28				55			
2				29				56			
3				30				57			
4				31				58			
5				32				59			
6				33				60			
7				34				61			
8				35				62			
9				36				63			
10				37				64			
11				38				65			
12				39				66			
13				40				67			
14				41				68			
15				42				69			
16				43				70			
17				44				71			
18				45				72			
19				46				73			
20				47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

φ TOTAL WEIGHT 30,952

DATE SHIPPED
SHIPPED BY
RECEIVED BY
REF. DWG NO I95-1(22)16
APPROVED

DRAWN	11-8-68	RCS
REVISION	2-4-69	RCS
REVISION		
REVISION		

PIER 7S-A

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER CIANCHETTE BROS.
DESIGNER NHSHC + MSHC
ORDER
DWG. 68-142 2 OF 2

114-160

0 1 2 3 4 5 6

BENT BARS

BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L"

ITEM	NO.	MARK	WEIGHT	A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	8	U6 9-6	114	3-2	3-2	3-2				KC600-		1				
2	8	9-6½	115	3-2	3-2½	3-2						2				
3	8	9-7	115	3-2	3-3	3-2						3				
4	8	9-9½	118	3-3	3-3½	3-3						4				
5	8	9-10	118	3-3	3-4	3-3						5				
6	8	9-10½	119	3-3	3-4½	3-3						6				
7	8	10-1	121	3-4	3-5	3-4						7				
8	8	10-1½	122	3-4	3-5½	3-4						8				
9	8	10-2	122	3-4	3-6	3-4						9				
10	8	10-4½	125	3-5	3-6½	3-5						10				
11	8	10-5	125	3-5	3-7	3-5						11				
12	8	10-5½	126	3-5	3-7½	3-5						12				
13	8	10-8	128	3-6	3-8	3-6						13				
14	8	10-8½	129	3-6	3-8½	3-6						14				
15	8	U6 10-9	129	3-6	3-9	3-6				KC600-		15				⊔
16	2	U6 6-2	19	11	4-4	11				KC[illegible]		1				
17	4	6-2½	37		4-4½							2				
18	2	6-3	19		4-5							3				
19	4	6-3½	38		4-5½							4				
20	2	6-4	19		4-6							5				
21	4	6-4½	38		4-6½							6				
22	4	6-5	19		4-7							7				
23	4	6-5½	39		4-7½							8				
24	2	6-6	20		4-8							9				
25	4	6-6½	39		4-8½							10				
26	2	6-7	20		4-9							11				
27	2	6-7½	20		4-9½							12				
28	2	6-8	20		4-10							13				
29	4	6-8½	40		4-10½							14				
30	2	6-9	20		4-11							15				
31	4	6-9½	41		4-11½							16				
32	2	6-10	21		5-0							17				
33	4	6-10½	41		5-0½							18				
34	2	6-11	21		5-1							19				
35	4	6-11½	42		5-1½							20				
36	2	U6 7-0	21	11	5-2	11				KC601-		21				⊔
37																
38																
39																
40																
41																
42																

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1	52	10 16-6	3692	28	KF1000			55			
2				29				56			
3				30				57			
4				31				58			
5				32				59			
6				33				60			
7				34				61			
8				35				62			
9				36				63			
10				37				64			
11				38				65			
12				39				66			
13				40				67			
14				41				68			
15				42				69			
16				43				70			
17				44				71			
18				45				72			
19				46				73			
20				47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

φ TOTAL WEIGHT

DATE SHIPPED
SHIPPED BY
RECEIVED BY
REF. DWG. NO. I95-1(22)16
APPROVED

PIER 8S-A[illegible]CD

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER CIANCHETTE BROS.
DESIGNER NHSHC + MSHC

DRAWN	11-7-68	RCS
REVISION		
REVISION		
REVISION		

ORDER
DWG. 68-142
1 OF 2

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4 15' ok

BENT BARS

2 OF 2

BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L"

ITEM	NO	MARK	WEIGHT	A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	2	U6 6-8	20	0-11	4-10	0-11				JC601-		13				⊔
2	4	6-8½	40		4-10½							14				
3	2	6-9	20		4-11							15				
4	4	6-9½	41		4-11½							16				
5	2	6-10	21		5-0							17				
6	4	6-10½	41		5-0½							18				
7	2	6-11	21		5-1							19				
8	4	6-11½	42		5-1½							20				
9	2	U6 7-0	21	0-11	5-2	0-11				JC601-		21				⊔
10	4	11-6	69	3-6	4-6	3-6				JC606-		1				
11	4	11-6½	69	3-6	4-6½	3-6						2				
12	8	11-9	141	3-7	4-7	3-7						3				
13	4	11-11½	72	3-8	4-7½	3-8						4				
14	4	12-0	72	3-8	4-8	3-8				JC606-		5				
15	2	7-0	21	0-11	5-2	0-11				JC607-		1				
16	2	7-0½	21		5-2½							2				
17	4	7-1	43		5-3							3				
18	2	7-1½	21		5-3½							4				
19	2	U6 7-2	22	0-11	5-4	0-11				JC607-		5				⊔
20			3047													
21																
22																
23																
24	24	L14 62-2	11414	3-0	59-2					JF	141	0				└
25	16	L14 45-7	[illegible]	3-0	42-7					JF	141	1				└
26	8	L14 37-5	2290	3-0	34-5					JF	141	2				└
27			19283													
28																
29																
30																
31																
32																
33																
34																
35																
36																
37																
38																
39																
40																
41																
42																

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1				28				55			
2				29				56			
3				30				57			
4				31				58			
5				32				59			
6				33				60			
7				34				61			
8				35				62			
9				36				63			
10				37				64			
11				38				65			
12				39				66			
13				40				67			
14				41				68			
15				42				69			
16				43				70			
17				44				71			
18				45				72			
19				46				73			
20				47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

φ TOTAL WEIGHT 28,875

DATE SHIPPED
SHIPPED BY
RECEIVED BY
REF DWG NO I95-1(22)16
APPROVED

PIER 7S-D

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER CIANCHETTE BROS.
DESIGNER NHSHC + MSHC

DRAWN	11-8-68	RCS
REVISION	2-4-69	RCS
REVISION		
REVISION		

ORDER
DWG. 68-142
2 OF 2

---

9. 5' ck

BENT BARS

1 OF 2

BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L"

ITEM	NO	MARK	WEIGHT	A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	4	U6 9-7	58	3-2	3-3	3-2				JC600-		1				⊔
2		9-7½	58		3-3½							2				
3		9-8	58		3-4							3				
4		9-8½	58		3-4½							4				
5		9-9	59		3-5							5				
6		9-9½	59	3-2	3-5½	3-2						6				
7		10-0	60	3-3	3-6	3-3						7				
8		10-0½	60		3-6½							8				
9		10-1	61		3-7							9				
10		10-1½	61		3-7½							10				
11		10-2	61		3-8							11				
12		10-2½	61	3-3	3-8½	3-3						12				
13		10-5	63	3-4	3-9	3-4						13				
14		10-5½	63		3-9½							14				
15		10-6	63		3-10							15				
16		10-7	64		3-11							16				
17		10-7½	64		3-11½							17				
18		10-8	64	3-4	4-0	3-4						18				
19		10-10½	65	3-5	4-0½	3-5						19				
20		10-11	66		4-1							20				
21		10-11½	66		4-1½							21				
22		11-0	66		4-2							22				
23		11-0½	66		4-2½							23				
24		11-1	67	3-5	4-3	3-5						24				
25		11-3½	68	3-6	4-3½	3-6						25				
26		11-4	68		4-4							26				
27		11-4½	68		4-4½							27				
28		11-5	69		4-5							28				
29		11-5½	69		4-5½							29				
30	4	11-6	69	3-6	4-6	3-6				JC600-		30				
31	2	6-2	19	0-11	4-4	0-11				JC601-		1				
32	4	6-2½	37		4-4½							2				
33	2	6-3	19		4-5							3				
34	4	6-3½	38		4-5½							4				
35	2	6-4	19		4-6							5				
36	4	6-4½	38		4-6½							6				
37	2	6-5	19		4-7							7				
38	4	6-5½	39		4-7½							8				
39	2	6-6	20		4-8							9				
40	4	6-6½	39		4-8½							10				
41	2	6-7	20		4-9							11				
42	2	U6 6-7½	20	0-11	4-9½	0-11				JC601-		12				⊔

2229

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1	78	10 19-6	[illegible]	28	JF1000			55			
2				29				56			
3				30				57			
4				31				58			
5				32				59			
6				33				60			
7				34				61			
8				35				62			
9				36				63			
10				37				64			
11				38				65			
12				39				66			
13				40				67			
14				41				68			
15				42				69			
16				43				70			
17				44				71			
18				45				72			
19				46				73			
20				47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

φ TOTAL WEIGHT

DATE SHIPPED
SHIPPED BY
RECEIVED BY
REF DWG NO I95-1(22)16
APPROVED

PIER 7S-D

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER CIANCHETTE BROS.
DESIGNER NHSHC + MSHC

DRAWN	11-8-68	RCS
REVISION	2-4-69	RCS
REVISION		
REVISION		

ORDER
DWG. 68-142
1 OF 2

8' ck

BENT BARS

2 OF 2

BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L"

ITEM	NO	MARK	WEIGHT	A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	2	U6 6-8	20	0-11	4-10	0-11				JC601-		13				⊔
2	4	6-8½	40		4-10½							14				
3	2	6-9	20		4-11							15				
4	4	6-9½	41		4-11½							16				
5	2	6-10	21		5-0							17				
6	4	6-10½	41		5-0½							18				
7	2	6-11	21		5-1							19				
8	4	6-11½	42		5-1½							20				
9	2	U6 7-0	21	0-11	5-2	0-11				JC601-		21				⊔
10	4	11-6	69	3-6	4-6	3-6				JC604-		1				
11	8	11-6½	139	3-6	4-6½	3-6						2				
12	4	11-9	71	3-7	4-7	3-7						3				
13	4	11-9½	71	3-7	4-7½	3-7						4				
14	4	11-10	71	3-7	4-8	3-7						5				
15	8	12-0½	145	3-8	4-8½	3-8						6				
16	4	12-1	73	3-8	4-9	3-8				JC604-		7				
17	2	7-0	21	0-11	5-2	0-11				JC605-		1				
18	4	7-0½	42		5-2½							2				
19	2	7-1	21		5-3							3				
20	2	7-1½	21		5-3½							4				
21	2	7-2	22		5-4							5				
22	4	7-2½	43		5-4½							6				
23	2	U6 7-3	22	0-11	5-5	0-11				JC605-		7				⊔
24			3327													
25																
26																
27																
28	24	L14 65-11	12102	3-0	62-11					JF 1407						└
29	16	L14 48-1	[illegible]	3-0	45-1					JF 1408						└
30	8	L14 39-5	2412	3-0	36-5					JF 1409						└
31			[illegible]													
32																
33																
34																
35																
36																
37																
38																
39																
40																
41																
42																

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1				28				55			
2				29				56			
3				30				57			
4				31				58			
5				32				59			
6				33				60			
7				34				61			
8				35				62			
9				36				63			
10				37				64			
11				38				65			
12				39				66			
13				40				67			
14				41				68			
15				42				69			
16				43				70			
17				44				71			
18				45				72			
19				46				73			
20				47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

φ TOTAL WEIGHT 30,271

DATE SHIPPED
SHIPPED BY
RECEIVED BY
REF. DWG NO I95-1(22)16
APPROVED

PIER 7S-C

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER CIANCHETTE BROS.
DESIGNER NHSHC + MSHC

DRAWN	11-8-68	RCS
REVISION	2-4-69	RCS
REVISION		
REVISION		

ORDER
DWG. 68-142
2 OF 2

BENT BARS

1OF[illegible]

BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L"

ITEM	NO	MARK	WEIGHT	A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	8	U6 9-6	114	3-2	3-2	3-2				KC600-		1				⊔
2	8	9-6½	115	3-2	3-2½	3-2						2				
3	8	9-7	115	3-2	3-3	3-2						3				
4	8	9-9½	118	3-3	3-3½	3-3						4				
5	8	9-10	[illegible]	3-3	3-4	3-3						5				
6	8	9-10½	119	3-3	3-4½	3-3						6				
7	8	10-1	121	3-4	3-5	3-4						7				
8	8	10-1½	[illegible]	3-4	3-5½	3-4						8				
9	8	10-2	[illegible]	3-4	3-6	3-4						9				
10	8	10-4½	[illegible]	3-5	3-6½	3-5						10				
11	8	10-5	[illegible]	3-5	3-7	3-5						11				
12	8	10-5½	[illegible]	3-5	3-7½	3-5						12				
13	8	10-8	[illegible]	3-6	3-8	3-6						13				
14	8	10-8½	[illegible]	3-6	3-8½	3-6						14				
15	8	U6 10-9	[illegible]	3-6	3-9	3-6				KC600-		15				⊔
16	2	U6 6-2	[illegible]	11	4-4	11				KC601-		1				
17	4	6-2½	[illegible]		4-4½							2				
18	2	6-3	[illegible]		4-5							3				
19	4	6-3½	38		4-5½							4				
20	2	6-4	19		4-6							5				
21	4	6-4½	38		4-6½							6				
22	2	6-5	19		4-7							7				
23	4	6-5½	[illegible]		4-7½							8				
24	2	6-6	[illegible]		4-8							9				
25	4	6-6½	[illegible]		4-8½							10				
26	2	6-7	[illegible]		4-9							11				
27	2	6-7½	[illegible]		4-9½							12				
28	2	6-8	[illegible]		4-10							13				
29	4	6-8½	[illegible]		4-10½							14				
30	2	6-9	[illegible]		4-11							15				
31	4	6-9½	41		4-11½							16				
32	2	6-10	[illegible]		5-0							17				
33	4	6-10½	[illegible]		5-0½							18				
34	2	6-11	21		5-1							19				
35	4	6-11½	42		5-1½							20				
36	2	U6 7-0	21	11	5-2	11				KC601-		21				⊔

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1	52	10 16-6	3692	28	KF1000			55			

Ø TOTAL WEIGHT

DATE SHIPPED

SHIPPED BY

RECEIVED BY

REF. DWG. NO I95-1(22)16

APPROVED

PIER 8S - CABCD

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

DRAWN	11-7-68	RCS
REVISION		
REVISION		

CUSTOMER CIANCHETTE BROS.
DESIGNER NHSHC + MSHC
ORDER
DWG 68 142

BENT BARS

2 OF [illegible]

BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L"

ITEM	NO	MARK	WEIGHT	A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	12	U6 10-9	194	3-6	3-9	3-6				KC604-		1				⊔
2	8	10-11½	132	3-7	3-9½	3-7				KC604-		2				
3	12	11-2	201	3-8	3-10	3-8				KC604-		3				
4	4	7-0	42	11	5-2	11				KC605-		1				
5	2	7-0½	21		5-2½							2				
6	4	7-1	43		5-3							3				
7	2	7-1½	21		5-3½							4				
8	4	U6 7-2	43	11	5-4	11				KC605-		5				⊔
9			3117													
12	36	L14 63-11	17602	3-0	60-11					KF	140	1				└

STRAIGHT BARS

Ø TOTAL WEIGHT 24[illegible]

DATE SHIPPED

SHIPPED BY

RECEIVED BY

REF. DWG. NO I-95-1(22)16

APPROVED

PIER 8S-B

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

DRAWN	11-7-68	RCS
REVISION		
REVISION		
REVISION		

CUSTOMER CIANCHETTE BROS.
DESIGNER NHSHC + MSHC
ORDER
DWG 68-14[illegible]
2

BENT BARS

1OF2

BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L"

ITEM	NO	MARK	WEIGHT	A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	8	U6 9-6	114	3-2	3-2	3-2				KC600-		1				⊔
2	8	9-6½	115	3-2	3-2½	3-2						2				
3	8	9-7	115	3-2	3-3	3-2						3				
4	8	9-9½	118	3-3	3-3½	3-3						4				
5	8	9-10	118	3-3	3-4	3-3						5				
6	8	9-10½	119	3-3	3-4½	3-3						6				
7	8	10-1	121	3-4	3-5	3-4						7				
8	8	10-1½	122	3-4	3-5½	3-4						8				
9	8	10-2	122	3-4	3-6	3-4						9				
10	8	10-4½	125	3-5	3-6½	3-5						10				
11	8	10-5	125	3-5	3-7	3-5						11				
12	8	10-5½	126	3-5	3-7½	3-5						12				
13	8	10-8	128	3-6	3-8	3-6						13				
14	8	10-8½	129	3-6	3-8½	3-6						14				
15	8	U6 10-9	129	3-6	3-9	3-6				KC600-		15				⊔
16	2	U6 6-2	19	11	4-4	11				KC601-		1				
17	4	6-2½	37		4-4½							2				
18	2	6-3	19		4-5							3				
19	4	6-3½	38		4-5½							4				
20	2	6-4	19		4-6							5				
21	4	6-4½	38		4-6½							6				
22	2	6-5	19		4-7							7				
23	4	6-5½	39		4-7½							8				
24	2	6-6	20		4-8							9				
25	4	6-6½	39		4-8½							10				
26	2	6-7	20		4-9							11				
27	2	6-7½	20		4-9½							12				
28	2	6-8	20		4-10							13				
29	4	6-8½	40		4-10½							14				
30	2	6-9	20		4-11							15				
31	4	6-9½	41		4-11½							16				
32	2	6-10	21		5-0							17				
33	4	6-10½	41		5-0½							18				
34	2	6-11	21		5-1							19				
35	4	6-11½	42		5-1½							20				
36	2	U6 7-0	21	11	5-2	11				KC601-		21				⊔

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1	52	10 16-6	3692	28	KF1000			55			

Ø

DATE SHIPPED

SHIPPED BY

RECEIVED BY

REF. DWG. NO I95-1(22)16

APPROVED

PIER 8S - [illegible]BCD

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

DRAWN	11-7-68	RCS
REVISION		
REVISION		
REVISION		

CUSTOMER CIANCHETTE BROS.
DESIGNER NHSHC + MSHC
ORDER
DWG [illegible]-142

BENT BARS

2 OF [illegible]

BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L"

ITEM	NO	MARK	WEIGHT	A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	8	U6 10-9	129	3-6	3-9	3-6				KC602-		1				
2	8	10-9½	136	3-6	3-9½	3-6						2				
3	8	11-0	132	3-7	3-10	3-7						3				
4	8	11-2½	135	3-8	3-10½	3-8						4				
5	8	11-3	135	3-8	3-11	3-8				KC602-		5				
6	2	7-0	21	11	5-2	11				KC603-		1				
7	4	7-0½	42		5-2½							2				
8	2	7-1	21		5-3							3				
9	4	7-1½	43		5-3½							4				
10	2	7-2	22		5-4							5				
11	4	7-2½	43		5-4½							6				
12	2	U6 7-3	22	11	5-5	11				KC603-		7				
13			3295													
16	36	L14 65-2	17947	3-0	62-2					KF	1400					└

STRAIGHT BARS

Ø TOTAL WEIGHT 24934

DATE SHIPPED

SHIPPED BY

RECEIVED BY

REF. DWG. NO I95-1(22)16

APPROVED

PIER 8S-A

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

DRAWN	11-7-68	RCS
REVISION		
REVISION		
REVISION		

CUSTOMER CIANCHETTE BROS.
DESIGNER NHSHC + MSHC
ORDER
DWG. 68-142
2OF2

114-162

BENT BARS

1OF2

BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L"

ITEM	NO	MARK	WEIGHT	A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	8	U6 9-6		3-2	3-2	3-2				LC600-1						⊔
2	8	9-6½		3-2	3-2½	3-2						2				
3	8	9-7		3-2	3-3	3-2						3				
4	8	9-9½		3-3	3-3½	3-3						4				
5	8	9-10		3-3	3-4	3-3						5				
6	8	9-10½		3-3	3-4½	3-3						6				
7	8	10-1		3-4	3-5	3-4						7				
8	8	10-1½		3-4	3-5½	3-4						8				
9	8	10-2		3-4	3-6	3-4						9				
10	8	10-4½		3-5	3-6½	3-5						10				
11	8	10-5		3-5	3-7	3-5						11				
12	8	10-5½		3-5	3-7½	3-5						12				
13	8	10-8		3-6	3-8	3-6						13				
14	8	10-8½		3-6	3-8½	3-6						14				
15	8	U6 10-9		3-6	3-9	3-6				LC600-15						⊔
16	2	U6 6-2		0-11	4-4	0-11				LC601-1						
17	4	6-2½			4-4½							2				
18	2	6-3			4-5							3				
19	4	6-3½			4-5½							4				
20	2	6-4			4-6							5				
21	4	6-4½			4-6½							6				
22	2	6-5			4-7							7				
23	4	6-5½			4-7½							8				
24	2	6-6			4-8							9				
25	4	6-6½			4-8½							10				
26	2	6-7			4-9							11				
27	2	6-7½			4-9½							12				
28	2	6-8			4-10							13				
29	4	6-8½			4-10½							14				
30	2	6-9			4-11							15				
31	4	6-9½			4-11½							16				
32	2	6-10			5-0							17				
33	4	6-10½			5-0½							18				
34	2	6-11			5-1							19				
35	4	6-11½			5-1½							20				
36	2	U6 7-0		0-11	5-2	0-11				LC601-		21				⊔
37																
38																
39																
40																
41																
42																

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1	42	10 13-6		28	LF1000			55			
2				29				56			
3				30				57			
4				31				58			
5				32				59			
6				33				60			
7				34				61			
8				35				62			
9				36				63			
10				37				64			
11				38				65			
12				39				66			
13				40				67			
14				41				68			
15				42				69			
16				43				70			
17				44				71			
18				45				72			
19				46				73			
20				47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

Ø TOTAL WEIGHT

DATE SHIPPED

SHIPPED BY

RECEIVED BY

REF DWG NO I95-1(22)16

APPROVED

DRAWN	10-25-68	RCS
REVISION	2-4-69	RCS
REVISION		
REVISION		

PIER 9S-A

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER CIANCHETTE BROS.
DESIGNER NHSHC + MSHC

ORDER

DWG. 68-142
1OF2

BENT BARS

2 OF 2

BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L"

ITEM	NO	MARK	WEIGHT	A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	8	U6 10-9	124	3-6	3-9	3-6				KC608-1						⊔
2	8	10-11½	[illegible]	3-7	3-9½	3-7				KC608-2						
3	8	11-2	134	3-8	3-10	3-8				KC608-3						
4	2	7-0	21	11	5-2	11				KC609-1						
5	2	7-0½			5-2½							2				
6	4	7-1	[illegible]		5-3							3				
7	2	7-1½	[illegible]		5-3½							4				
8	2	U6 7-2		11	5-4	11				KC609-5						⊔
9			2443													
10																
11																
12	36	L14 59-11	[illegible]	3-0	56-11					KF1403						∟
13																
14																
15																
16																
17																
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41																
42																

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1				28				55			
2				29				56			
3				30				57			
4				31				58			
5				32				59			
6				33				60			
7				34				61			
8				35				62			
9				36				63			
10				37				64			
11				38				65			
12				39				66			
13				40				67			
14				41				68			
15				42				69			
16				43				70			
17				44				71			
18				45				72			
19				46				73			
20				47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

Ø TOTAL WEIGHT [illegible]

DATE SHIPPED

SHIPPED BY

RECEIVED BY

REF DWG NO I-95-1(22)16

APPROVED

DRAWN	11-7-68	RCS
REVISION		
REVISION		
REVISION		

PIER 8S-D

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER CIANCHETTE BROS.
DESIGNER NHSHC + MSHC

ORDER

DWG. 68-142
2 OF 2

BCD

BENT BARS

1OF2

BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L"

ITEM	NO	MARK	WEIGHT	A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	8	U6 9-6	114	3-2	3-2	3-2				KC600-1						⊔
2	8	9-6½	115	3-2	3-2½	3-2						2				
3	8	9-7	115	3-2	3-3	3-2						3				
4	8	9-9½	118	3-3	3-3½	3-3						4				
5	8	9-10	118	3-3	3-4	3-3						5				
6	8	9-10½	119	3-3	3-4½	3-3						6				
7	8	10-1	121	3-4	3-5	3-4						7				
8	8	10-1½	122	3-4	3-5½	3-4						8				
9	8	10-2	122	3-4	3-6	3-4						9				
10	8	10-4½	125	3-5	3-6½	3-5						10				
11	8	10-5	125	3-5	3-7	3-5						11				
12	8	10-5½	126	3-5	3-7½	3-5						12				
13	8	10-8	128	3-6	3-8	3-6						13				
14	8	10-8½	129	3-6	3-8½	3-6						14				
15	8	U6 10-9	[illegible]	3-6	3-9	3-6				KC600-15						⊔
16	2	U6 6-2	19	11	4-4	11				KC601-1						
17	4	6-2½	37		4-4½							2				
18	2	6-3	19		4-5							3				
19	4	6-3½	[illegible]		4-5½							4				
20	2	6-4	19		4-6							5				
21	4	6-4½	38		4-6½							6				
22	2	6-5	19		4-7							7				
23	4	6-5½	39		4-7½							8				
24	2	6-6	20		4-8							9				
25	4	6-6½	39		4-8½							10				
26	2	6-7	20		4-9							11				
27	2	6-7½	[illegible]		4-9½							12				
28	2	6-8	20		4-10							13				
29	4	6-8½	40		4-10½							14				
30	2	6-9	20		4-11							15				
31	4	6-9½	41		4-11½							16				
32	2	6-10	21		5-0							17				
33	4	6-10½	41		5-0½							18				
34	2	6-11	21		5-1							19				
35	4	6-11½	42		5-1½							20				
36	2	U6 7-0	21	11	5-2	11				KC601-		21				⊔
37																
38																
39																
40																
41																
42																

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1	52	10 16-6	[illegible]	28	KF1000			55			
2				29				56			
3				30				57			
4				31				58			
5				32				59			
6				33				60			
7				34				61			
8				35				62			
9				36				63			
10				37				64			
11				38				65			
12				39				66			
13				40				67			
14				41				68			
15				42				69			
16				43				70			
17				44				71			
18				45				72			
19				46				73			
20				47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

Ø TOTAL WEIGHT

DATE SHIPPED

SHIPPED BY

RECEIVED BY

REF. DWG NO I95-1(22)16

APPROVED

DRAWN	11-7-68	RCS
REVISION		
REVISION		
REVISION		

PIER 8S-D' RCD

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER CIANCHETTE BROS.
DESIGNER NHSHC + MSHC

ORDER

DWG. 68-142
1OF2

BENT BARS

2 OF 2

BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L"

ITEM	NO	MARK	WEIGHT	A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	8	U6 10-9	[illegible]	3-6	3-9	3-6				KC606-1						⊔
2	12	10-11½	78	3-7	3-9½	3-7				KC606-2						
3	8	11-2	[illegible]	3-8	3-10	3-8				KC606-3						
4	2	7-0	21	11	5-2	11				KC607-1						
5	4	7-0½	[illegible]		5-2½							2				
6	2	7-1	21		5-3							3				
7	4	7-1½	[illegible]		5-3½							4				
8	2	U6 7-2		11	5-4	11				KC607-5						⊔
9			3030													
10																
11																
12	36	L14 61-2		3-0	58-2					KF1402						∟
13																
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41																
42																

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1				28				55			
2				29				56			
3				30				57			
4				31				58			
5				32				59			
6				33				60			
7				34				61			
8				35				62			
9				36				63			
10				37				64			
11				38				65			
12				39				66			
13				40				67			
14				41				68			
15				42				69			
16				43				70			
17				44				71			
18				45				72			
19				46				73			
20				47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

Ø TOTAL WEIGHT 23167

DATE SHIPPED

SHIPPED BY

RECEIVED BY

REF DWG NO I-95-1(22)16

APPROVED

DRAWN	11-7-68	RCS
REVISION		
REVISION		
REVISION		

PIER 8S-C

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER CIANCHETTE BROS.
DESIGNER NHSHC + MSHC

ORDER

DWG. 68-142
2 OF 2

114-163

BCD

BENT BARS

1OF2

ITEM	NO	MARK	WEIGHT	A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	8	U6 9-6	114	3-2	3-2	3-2				LC600-		1				⊔
2	8	9-6½	115	3-2	3-2½	3-2						2				
3	8	9-7	[illegible]	3-2	3-3	3-2						3				
4	8	9-9½		3-3	3-3½	3-3						4				
5	8	9-10	[illegible]	3-3	3-4	3-3						5				
6	8	9-10½	[illegible]	3-3	3-4½	3-3						6				
7	8	10-1	[illegible]	3-4	3-5	3-4						7				
8	8	10-1½	[illegible]	3-4	3-5½	3-4						8				
9	8	10-2	[illegible]	3-4	3-6	3-4						9				
10	8	10-4½	[illegible]	3-5	3-6½	3-5						10				
11	8	10-5	[illegible]	3-5	3-7	3-5						11				
12	8	10-5½	126	3-5	3-7½	3-5						12				
13	8	10-8	[illegible]	3-6	3-8	3-6						13				
14	8	10-8½	[illegible]	3-6	3-8½	3-6						14				
15	8	U6 10-9	[illegible]	3-6	3-9	3-6				LC600-		15				⊔
16	2	U6 6-2	41	11	4-4	11				LC601-		1				
17	4	6-2½	[illegible]		4-4½							2				
18	2	6-3	11		4-5							3				
19	4	6-3½	[illegible]		4-5½							4				
20	2	6-4	17		4-6							5				
21	4	6-4½	[illegible]		4-6½							6				
22	2	6-5	11		4-7							7				
23	4	6-5½	[illegible]		4-7½							8				
24	2	6-6	[illegible]		4-8							9				
25	4	6-6½	[illegible]		4-8½							10				
26	2	6-7	[illegible]		4-9							11				
27	2	6-7½	[illegible]		4-9½							12				
28	2	6-8	[illegible]		4-10							13				
29	4	6-8½	[illegible]		4-10½							14				
30	2	6-9	[illegible]		4-11							15				
31	4	6-9½	[illegible]		4-11½							16				
32	2	6-10	[illegible]		5-0							17				
33	4	6-10½	[illegible]		5-0½							18				
34	2	6-11	[illegible]		5-1							19				
35	4	6-11½	[illegible]		5-1½							20				
36	2	U6 7-0	[illegible]	11	5-2	11				LC601-		21				⊔
37																
38																
39																
40																
41																
42																

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1	42	10 13-6	[illegible]	28	LF	[illegible]		55			
2				29				56			
3				30				57			
4				31				58			
5				32				59			
6				33				60			
7				34				61			
8				35				62			
9				36				63			
10				37				64			
11				38				65			
12				39				66			
13				40				67			
14				41				68			
15				42				69			
16				43				70			
17				44				71			
18				45				72			
19				46				73			
20				47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

φ TOTAL WEIGHT

DATE SHIPPED

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REF DWG NO I95-1(22)16

APPROVED

DRAWN	10-28-68	RCS
REVISION		
REVISION		
REVISION		

PIER 9S-C

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER CIANCHETTE BROS.
DESIGNER NHSHC + MSHC

ORDER

DWG. 68-142
1OF2

BENT BARS

2OF2

ITEM	NO	MARK	WEIGHT	A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	8	U6 10-9	[illegible]	3-6	3-9	3-6				LC602-		1				⊔
2	4	10-9½	[illegible]	3-6	3-9½	3-6				LC602-		2				
3	8	11-0	[illegible]	3-7	3-10	3-7				LC602-		3				
4	2	7-0	[illegible]	0-11	5-2	0-11				LC603-		1				
5	2	7-0½	[illegible]		5-2½							2				
6	2	7-1	[illegible]		5-3							3				
7	2	7-1½	[illegible]		5-3½							4				
8	2	U6 7-2	[illegible]	0-11	5-4	0-11				LC603-		5				⊔
9			[illegible]													
10																
11	36	L14 59-0	[illegible]	3-0	56-0											└
12																
13																
14																
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																
25																
26																
27																
28																
29																
30																
31																
32																
33																
34																
35																
36																
37																
38																
39																
40																
41																
42																

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1				28				55			
2				29				56			
3				30				57			
4				31				58			
5				32				59			
6				33				60			
7				34				61			
8				35				62			
9				36				63			
10				37				64			
11				38				65			
12				39				66			
13				40				67			
14				41				68			
15				42				69			
16				43				70			
17				44				71			
18				45				72			
19				46				73			
20				47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

φ TOTAL WEIGHT 21540

DATE SHIPPED

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REF. DWG NO I95-1(22)16

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DRAWN	10-28-68	RCS
REVISION	2-4-69	RCS
REVISION		
REVISION		

PIER 9S-B

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER CIANCHETTE BROS.
DESIGNER NHSHC + MSHC

ORDER

DWG. 68-142
2OF2

BENT BARS

1OF2

ITEM	NO	MARK	WEIGHT	A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	8	U6 9-6	[illegible]	3-2	3-2	3-2				LC600-		1				⊔
2	8	9-6½	115	3-2	3-2½	3-2						2				
3	8	9-7	[illegible]	3-2	3-3	3-2						3				
4	8	9-9½	[illegible]	3-3	3-3½	3-3						4				
5	8	9-10	[illegible]	3-3	3-4	3-3						5				
6	8	9-10½	[illegible]	3-3	3-4½	3-3						6				
7	8	10-1	[illegible]	3-4	3-5	3-4						7				
8	8	10-1½	[illegible]	3-4	3-5½	3-4						8				
9	8	10-2	[illegible]	3-4	3-6	3-4						9				
10	8	10-4½	[illegible]	3-5	3-6½	3-5						10				
11	8	10-5	[illegible]	3-5	3-7	3-5						11				
12	8	10-5½	126	3-5	3-7½	3-5						12				
13	8	10-8	[illegible]	3-6	3-8	3-6						13				
14	8	10-8½	[illegible]	3-6	3-8½	3-6						14				
15	8	U6 10-9	[illegible]	3-6	3-9	3-6				LC600-		15				⊔
16	2	U6 6-2	19	0-11	4-4	0-11				LC601-		1				
17	4	6-2½	37		4-4½							2				
18	2	6-3	11		4-5							3				
19	4	6-3½	[illegible]		4-5½							4				
20	2	6-4	19		4-6							5				
21	4	6-4½	[illegible]		4-6½							6				
22	2	6-5	17		4-7							7				
23	4	6-5½	[illegible]		4-7½							8				
24	2	6-6	[illegible]		4-8							9				
25	4	6-6½	[illegible]		4-8½							10				
26	2	6-7	[illegible]		4-9							11				
27	2	6-7½			4-9½							12				
28	2	6-8	[illegible]		4-10							13				
29	4	6-8½	[illegible]		4-10½							14				
30	2	6-9	[illegible]		4-11							15				
31	4	6-9½	[illegible]		4-11½							16				
32	2	6-10	[illegible]		5-0							17				
33	4	6-10½	[illegible]		5-0½							18				
34	2	6-11	[illegible]		5-1							19				
35	4	6-11½	[illegible]		5-1½							20				
36	2	U6 7-0	[illegible]	0-11	5-2	0-11				LC601-		21				⊔
37																
38																
39																
40																
41																
42																

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1	42	10 13-6	[illegible]	28	LF1000			55			
2				29				56			
3				30				57			
4				31				58			
5				32				59			
6				33				60			
7				34				61			
8				35				62			
9				36				63			
10				37				64			
11				38				65			
12				39				66			
13				40				67			
14				41				68			
15				42				69			
16				43				70			
17				44				71			
18				45				72			
19				46				73			
20				47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

φ TOTAL WEIGHT

DATE SHIPPED

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REF. DWG NO I95-1(22)16

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DRAWN	10-28-68	RCS
REVISION	2-4-69	RCS
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REVISION		

PIER 9S-B

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER CIANCHETTE BROS.
DESIGNER NHSHC + MSHC

ORDER

DWG. 68-142
1OF2

BENT BARS

2OF2

ITEM	NO	MARK	WEIGHT	A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	8	U6 10-9	[illegible]	3-6	3-9	3-6				LC602-		1				⊔
2	4	10-9½	[illegible]	3-6	3-9½	3-6				LC602-		2				
3	8	11-0	[illegible]	3-7	3-10	3-7				LC602-		3				
4	2	7-0	[illegible]	0-11	5-2	0-11				LC603-		1				
5	2	7-0½	[illegible]		5-2½							2				
6	2	7-1	[illegible]		5-3							3				
7	2	7-1½	[illegible]		5-3½							4				
8	2	U6 7-2	[illegible]	0-11	5-4	0-11				LC603-		5				⊔
9			[illegible]													
10																
11																
12	36	L14 57-4	[illegible]	3-0	56-4					LF1400						└
13																
14																
15																
16																
17																
18																
19																
20																
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31																
32																
33																
34																
35																
36																
37																
38																
39																
40																
41																
42																

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1				28				55			
2				29				56			
3				30				57			
4				31				58			
5				32				59			
6				33				60			
7				34				61			
8				35				62			
9				36				63			
10				37				64			
11				38				65			
12				39				66			
13				40				67			
14				41				68			
15				42				69			
16				43				70			
17				44				71			
18				45				72			
19				46				73			
20				47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

φ TOTAL WEIGHT 21631

DATE SHIPPED

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REF DWG NO I95-1(22)16

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DRAWN	10-28-68	RCS
REVISION	2-4-69	RCS
REVISION		
REVISION		

PIER 9S-A

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER CIANCHETTE BROS.
DESIGNER NHSHC + MSHC

ORDER

DWG. 68-142
2OF2

114-164

0 1 2 3 4 5 6

BENT BARS

BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L"

ITEM	NO	MARK	WEIGHT	A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	8	U6 9-6	114	3-2	3-2	3-2				MC602-		1				⊔
2	8	9-6½	115	3-2	3-2½	3-2						2				
3	12	9-9	176	3-3	3-3	3-3						3				
4	8	9-9½	118	3-3	3-3½	3-3						4				
5	8	10-0	121	3-4	3-4	3-4						5				
6	12	10-0½	181	3-4	3-4½	3-4						6				
7	8	10-3	123	3-5	3-5	3-5						7				
8	8	10-3½	123	3-5	3-5½	3-5						8				
9	12	10-6	[illegible]	3-6	3-6	3-6						9				
10	8	10-6½	127	3-6	3-6½	3-6						10				
11	8	U6 10-7	127	3-6	3-7	3-6				MC602-		11				
12	2	6-2	19	11	4-4	11				MC603-		1				
13	4	6-2½	37		4-4½							2				
14	2	6-3	19		4-5							3				
15	4	6-3½	38		4-5½							4				
16	2	6-4	19		4-6							5				
17	4	6-4½	38		4-6½							6				
18	2	6-5	19		4-7							7				
19	4	6-5½	39		4-7½							8				
20	2	6-6	20		4-8							9				
21	4	6-6½	39		4-8½							10				
22	2	6-7	[illegible]		4-9							11				
23	4	6-7½	40		4-9½							12				
24	2	6-8	20		4-10							13				
25	4	6-8½	40		4-10½							14				
26	2	6-9	20		4-11							15				
27	4	6-9½	41		4-11½							16				
28	2	U6 6-10	21	11	5-0	11				MC603-		17				⊔
29			2003													
30																
31																
32	36	L14 45-2	12439	3-0	42-2					MF1401						⊔
33																
34																
35																
36																
37																
38																
39																
40																
41																
42																

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1	42	10 13-6	2440	28	MF1000			55			
2				29				56			
3				30				57			
4				31				58			
5				32				59			
6				33				60			
7				34				61			
8				35				62			
9				36				63			
10				37				64			
11				38				65			
12				39				66			
13				40				67			
14				41				68			
15				42				69			
16				43				70			
17				44				71			
18				45				72			
19				46				73			
20				47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

φ TOTAL WEIGHT 16882

DATE SHIPPED
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PIER 10S-B

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER GIANCHETTE BROS.
DESIGNER NHSHC + MSHC
ORDER
DWG. 68-142

BENT BARS

BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L"

ITEM	NO	MARK	WEIGHT	A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	8	U6 9-6	114	3-2	3-2	3-2				MC600-		1				⊔
2	8	9-6½	115	3-2	3-2½	3-2						2				
3	8	9-7	115	3-2	3-3	3-2						3				
4	8	9-9½	118	3-3	3-3½	3-3						4				
5	8	9-10	118	3-3	3-4	3-3						5				
6	8	9-10½	119	3-3	3-4½	3-3						6				
7	12	10-1	182	3-4	3-5	3-4						7				
8	8	10-1½	122	3-4	3-5½	3-4						8				
9	8	10-4	124	3-5	3-6	3-5						9				
10	8	10-4½	125	3-5	3-6½	3-5						10				
11	8	10-7	127	3-6	3-7	3-6						11				
12	8	10-7½	128	3-6	3-7½	3-6						12				
13	8	U6 10-8	128	3-6	3-8	3-6				MC600-		13				
14	2	6-2	19	11	4-4	11				MC601-		1				
15	4	6-2½	37		4-4½							2				
16	2	6-3	19		4-5							3				
17	4	6-3½	38		4-5½							4				
18	2	6-4	19		4-6							5				
19	4	6-4½	38		4-6½							6				
20	2	6-5	19		4-7							7				
21	4	6-5½	39		4-7½							8				
22	2	6-6	[illegible]		4-8							9				
23	2	6-6½	[illegible]		4-8½							10				
24	2	6-7	[illegible]		4-9							11				
25	4	6-7½	40		4-9½							12				
26	2	6-8	20		4-10							13				
27	4	6-8½	[illegible]		4-10½							14				
28	2	6-9	20		4-11							15				
29	4	6-9½	41		4-11½							16				
30	2	6-10	21		5-0							17				
31	4	6-10½	41		5-0½							18				
32	2	U6 6-11	[illegible]	11	5-1	11				MC601-		19				⊔
33			2167													
34																
35	36	L14 48-8	13403	3-0	45-8					MF1400						└
36																
37																
38																
39																
40																
41																
42																

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1	42	10 13-6	2440	28	MF1000			55			
2				29				56			
3				30				57			
4				31				58			
5				32				59			
6				33				60			
7				34				61			
8				35				62			
9				36				63			
10				37				64			
11				38				65			
12				39				66			
13				40				67			
14				41				68			
15				42				69			
16				43				70			
17				44				71			
18				45				72			
19				46				73			
20				47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

φ TOTAL WEIGHT 18010

DATE SHIPPED
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REF. DWG NO I95-1(22)16
APPROVED

DRAWN	10-28-68	RCS
REVISION		
REVISION		
REVISION		

PIER 10S-A

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER CIANCHETTE BROS.
DESIGNER NHSHC + MSHC
ORDER
DWG. 68-142

BENT BARS

~~1OF2~~

BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L"

ITEM	NO	MARK	WEIGHT	A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	8	U6 9-6	114	3-2	3-2	3-2				LC600-		1				⊔
2	8	9-6½	115	3-2	3-2½	3-2						2				
3	8	9-7	115	3-2	3-3	3-2						3				
4	8	9-9½	118	3-3	3-3½	3-3						4				
5	8	9-10	118	3-3	3-4	3-3						5				
6	8	9-10½	119	3-3	3-4½	3-3						6				
7	8	10-1	121	3-4	3-5	3-4						7				
8	8	10-1½	122	3-4	3-5½	3-4						8				
9	8	10-2	122	3-4	3-6	3-4						9				
10	8	10-4½	125	3-5	3-6½	3-5						10				
11	8	10-5	125	3-5	3-7	3-5						11				
12	8	10-5½	126	3-5	3-7½	3-5						12				
13	8	10-8	128	3-6	3-8	3-6						13				
14	8	10-8½	129	3-6	3-8½	3-6						14				
15	8	U6 10-9	129	3-6	3-9	3-6				LC600-		15				⊔
16	2	U6 6-2	19	11	4-4	11				LC601-		1				
17	4	6-2½	37		4-4½							2				
18	2	6-3	19		4-5							3				
19	4	6-3½	38		4-5½							4				
20	2	6-4	19		4-6							5				
21	4	6-4½	38		4-6½							6				
22	2	6-5	19		4-7							7				
23	4	6-5½	39		4-7½							8				
24	2	6-6	20		4-8							9				
25	4	6-6½	39		4-8½							10				
26	2	6-7	20		4-9							11				
27	2	6-7½	20		4-9½							12				
28	2	6-8	20		4-10							13				
29	4	6-8½	40		4-10½							14				
30	2	6-9	20		4-11							15				
31	4	6-9½	41		4-11½							16				
32	2	6-10	21		5-0							17				
33	4	6-10½	41		5-0½							18				
34	2	6-11	21		5-1							19				
35	4	6-11½	42		5-1½							20				
36	2	U6 7-0	21	11	5-2	11				LC601-		21				⊔
37			2420													
38																
39	36	L14 52-0	14321	3-0	49-0					LF1403						└
40																
41																
42																

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1	42	10 13-6	2440	28	LF1000			55			
2				29				56			
3				30				57			
4				31				58			
5				32				59			
6				33				60			
7				34				61			
8				35				62			
9				36				63			
10				37				64			
11				38				65			
12				39				66			
13				40				67			
14				41				68			
15				42				69			
16				43				70			
17				44				71			
18				45				72			
19				46				73			
20				47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

φ TOTAL WEIGHT 19,181

DATE SHIPPED
SHIPPED BY
RECEIVED BY
REF. DWG. NO I95-1(22)16
APPROVED

DRAWN	10-28-68	RCS
REVISION		
REVISION		
REVISION		

PIER 9S-D

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER CIANCHETTE BROS.
DESIGNER NHSHC + MSHC
ORDER
DWG. 68-142

BENT BARS

2 OF 2

BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L"

ITEM	NO	MARK	WEIGHT	A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	4	U6 10-9	65	3-6	3-9	3-6				LC604-1						└
2	4	10-11½	66	3-7	3-9½	3-7				LC604-2						
3	4	11-0	66	3-7	3-10	3-7				LC604-3						
4	2	7	21	11	5-2	11				LC605-1						
5	2	7-0½	21	11	5-2½	11				LC605-2						
6	2	U6 7-1	21	11	5-3	11				LC605-3						⊥
7			2680													
8																
9																
10	36	L14 56-2	15468	3-0	53-2					LF1402						└
11																
12																
13																
14																
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																
25																
26																
27																
28																
29																
30																
31																
32																
33																
34																
35																
36																
37																
38																
39																
40																
41																
42																

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1				28				55			
2				29				56			
3				30				57			
4				31				58			
5				32				59			
6				33				60			
7				34				61			
8				35				62			
9				36				63			
10				37				64			
11				38				65			
12				39				66			
13				40				67			
14				41				68			
15				42				69			
16				43				70			
17				44				71			
18				45				72			
19				46				73			
20				47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

φ TOTAL WEIGHT 20588

DATE SHIPPED
SHIPPED BY
RECEIVED BY
REF. DWG NO I-95-1(22)16
APPROVED

DRAWN	10-28-68	RCS
REVISION		
REVISION		
REVISION		

PIER 9S-C

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER CIANCHETTE BROS
DESIGNER NHSHC + MSHC
ORDER
DWG. 68-142
2 OF 2

114-165

BENT BARS

ITEM	NO	MARK	WEIGHT	BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L"												SHAPE
				A	B	C	D	E	F	G	J	M	H	N	L	
1	8	U6 9-0	108.	3-1	2-10	3-1				NC602-		1				⊔
2	8	9-0½	109.	3-1	2-10½	3-1						2				
3	8	9-1	109.	3-1	2-11	3-1						3				
4	4	9-3½	56	3-2	2-11½	3-2						4				
5	8	9-4	112.	3-2	3-0	3-2						5				
6	8	9-6½	115.	3-3	3-0½	3-3						6				
7	4	9-7	58.	3-3	3-1	3-3						7				
8	8	9-7½	116.	3-3	3-1½	3-3						8				
9	8	9-10	118.	3-4	3-2	3-4						9				
10	4	9-10½	59.	3-4	3-2½	3-4						10				
11	8	9-11	119.	3-4	3-3	3-4						11				
12	8	10-1½	122.	3-5	3-3½	3-5						12				
13	8	10-2	122	3-5	3-4	3-5				NC602-		13				
14	2	6-2	19.	0-11	4-4	0-11				NC603-		1				
15	4	6-2½	37.		4-4½							2				
16	2	6-3	19		4-5							3				
17	2	6-3½	19		4-5½							4				
18	4	6-4	38		4-6							5				
19	2	6-4½	19		4-6½							6				
20	2	6-5	19		4-7							7				
21	4	6-5½	39		4-7½							8				
22	2	6-6	20		4-8							9				
23	2	6-6½	20		4-8½							10				
24	4	6-7	40		4-9							11				
25	2	6-7½	20		4-9½							12				
26	2	6-8	20		4-10							13				
27	4	6-8½	40		4-10½							14				
28	2	6-9	20		4-11							15				
29	2	6-9½	20		4-11½							16				
30	4	U6 6-10	41	0-11	5-0	0-11				NC603-		17				⊔
31			1773													
32																
33																
34	28	L14 42-10	9175.	3-0	39-10					NF1403						∟
35	16	L14 31-10	3896	3-0	28-10					NF1404						∟
36	8	L14 26-7	1627	3-0	23-7					NF1405						∟
37			14698													
38																
39																
40																
41																
42																

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1	78	10 19-6	6545.	28	NF1000			55			
2				29				56			
3				30				57			
4				31				58			
5				32				59			
6				33				60			
7				34				61			
8				35				62			
9				36				63			
10				37				64			
11				38				65			
12				39				66			
13				40				67			
14				41				68			
15				42				69			
16				43				70			
17				44				71			
18				45				72			
19				46				73			
20				47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

φ TOTAL WEIGHT 23,016

DATE SHIPPED
SHIPPED BY.
RECEIVED BY.
REF. DWG. NO I95-1(22)16
APPROVED

DRAWN	10-28-68	RCS
REVISION	2-4-69	RCS
REVISION		
REVISION		

PIER 11S-B

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER CIANCHETTE BROS.
DESIGNER NHSHC + MSHC
ORDER
DWG. 68-142

BENT BARS

ITEM	NO	MARK	WEIGHT	BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L"												SHAPE
				A	B	C	D	E	F	G	J	M	H	N	L	
1	8	U6 9-0	108.	3-1	2-10	3-1				NC600-		1				⊔
2	8	9-0½	109.	3-1	2-10½	3-1						2				
3	4	9-1	55.	3-1	2-11	3-1						3				
4	8	9-3½	112.	3-2	2-11½	3-2						4				
5	8	9-4	112	3-2	3-0	3-2						5				
6	4	9-4½	56.	3-2	3-0½	3-2						6				
7	8	9-7	115.	3-3	3-1	3-3						7				
8	8	9-7½	116.	3-3	3-1½	3-3						8				
9	4	9-8	58.	3-3	3-2	3-3						9				
10	8	9-10½	119.	3-4	3-2½	3-4						10				
11	8	9-11	119.	3-4	3-3	3-4						11				
12	4	9-11½	60	3-4	3-3½	3-4						12				
13	8	10-2	122	3-5	3-4	3-5						13				
14	8	10-2½	123.	3-5	3-4½	3-5						14				
15	8	10-3	123.	3-5	3-5	3-5				NC600-		15				
16	2	6-2	19	11	4-4	11				NC601-		1				
17	2	6-2½	19		4-4½							2				
18	4	6-3	38		4-5							3				
19	2	6-3½	19		4-5½							4				
20	2	6-4	19		4-6							5				
21	4	6-4½	38.		4-6½							6				
22	2	6-5	19.		4-7							7				
23	4	6-5½	39		4-7½							8				
24	2	6-6	20		4-8							9				
25	4	6-6½	39		4-8½							10				
26	2	6-7	20		4-9							11				
27	4	6-7½	40		4-9½							12				
28	2	6-8	20		4-10							13				
29	4	6-8½	40		4-10½							14				
30	2	6-9	20		4-11							15				
31	2	6-9½	20		4-11½							16				
32	4	6-10	41		5-0							17				
33	2	6-10½	21		5-0½							18				
34	2	U6 6-11	21	11	5-1	11				NC601-		19				⊔
35			2019.													
36																
37																
38	28	L14 47-4	10139.	3-0	44-4					NF1400						∟
39	16	L14 34-10	4264	3-0	31-10					NF1401						∟
40	8	L14 28-10	1765.	3-0	25-10					NF1402						∟
41			16168													
42																

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1	78	10 19-6	6545	28	NF1000			55			
2				29				56			
3				30				57			
4				31				58			
5				32				59			
6				33				60			
7				34				61			
8				35				62			
9				36				63			
10				37				64			
11				38				65			
12				39				66			
13				40				67			
14				41				68			
15				42				69			
16				43				70			
17				44				71			
18				45				72			
19				46				73			
20				47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

φ TOTAL WEIGHT 24732

DATE SHIPPED
SHIPPED BY:
RECEIVED BY:
REF. DWG. NO I95-1(22)16
APPROVED

DRAWN	10-28-68	RCS
REVISION		
REVISION		
REVISION		

PIER 11S-A

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER CIANCHETTE BROS.
DESIGNER NHSHC + MSHC
ORDER
DWG. 68-142

BENT BARS

ITEM	NO	MARK	WEIGHT	BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L"												SHAPE
				A	B	C	D	E	F	G	J	M	H	N	L	
1	8	U6 9-6	114.	3-2	3-2	3-2				MC606-		1				⊔
2	8	9-6½	115.	3-2	3-2½	3-2						2				
3	8	9-9	117.	3-3	3-3	3-3						3				
4	8	9-9½	118.	3-3	3-3½	3-3						4				
5	8	9-10	118.	3-3	3-4	3-3						5				
6	8	10-0½	121.	3-4	3-4½	3-4						6				
7	8	10-1	121.	3-4	3-5	3-4						7				
8	8	10-1½	122.	3-4	3-5½	3-4						8				
9	8	10-4	124.	3-5	3-6	3-5						9				
10	8	10-4½	125.	3-5	3-6½	3-5						10				
11	8	10-5	125.	3-5	3-7	3-5				MC606-		11				
12	2	6-2	19.	11	4-4	11				MC607-		1				
13	4	6-2½	37.		4-4½							2				
14	2	6-3	19.		4-5							3				
15	4	6-3½	38.		4-5½							4				
16	2	6-4	19.		4-6							5				
17	4	6-4½	38.		4-6½							6				
18	2	6-5	19.		4-7							7				
19	4	6-5½	39.		4-7½							8				
20	2	6-6	20.		4-8							9				
21	4	6-6½	39.		4-8½							10				
22	2	6-7	20.		4-9							11				
23	4	6-7½	40.		4-9½							12				
24	21	6-8	40.		4-10							13				
25	4	6-8½	41.		4-10½							14				
26	2	U6 6-9	20.	11	4-11	11				MC607-		15				⊔
27			1747.													
28																
29																
30																
31	36	L14 41-8	11475.	3-0	38-8					MF1403						∟
32																
33																
34																
35																
36																
37																
38																
39																
40																
41																
42																

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1	42	10 13-6	2440.	28	MF1000			55			
2				29				56			
3				30				57			
4				31				58			
5				32				59			
6				33				60			
7				34				61			
8				35				62			
9				36				63			
10				37				64			
11				38				65			
12				39				66			
13				40				67			
14				41				68			
15				42				69			
16				43				70			
17				44				71			
18				45				72			
19				46				73			
20				47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

φ TOTAL WEIGHT 15662.

DATE SHIPPED
SHIPPED BY
RECEIVED BY.
REF. DWG. NO I95-1(22)16
APPROVED

DRAWN	10-28-68	RCS
REVISION		
REVISION		
REVISION		

PIER 10S-D

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER CIANCHETTE BROS.
DESIGNER NHSHC + MSHC
ORDER
DWG. 68-142

BENT BARS

ITEM	NO	MARK	WEIGHT	BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L"												SHAPE
				A	B	C	D	E	F	G	J	M	H	N	L	
1	12	U6 9-6	171.	3-2	3-2	3-2				MC604-		1				⊔
2	12	9-8½	175.	3-3	3-2½	3-3						2				
3	8	9-9	117.	3-3	3-3	3-3						3				
4	12	9-11½	179.	3-4	3-3½	3-4						4				
5	8	10-0	120.	3-4	3-4	3-4						5				
6	12	10-2½	184.	3-5	3-4½	3-5						6				
7	8	10-3	123.	3-5	3-5	3-5						7				
8	12	10-5½	187.	3-6	3-5½	3-6						8				
9	12	10-6	189.	3-6	3-6	3-6				MC604-		9				
10	2	6-2	19.	11	4-4	11				MC605-		1				
11	4	6-2½	37.		4-4½							2				
12	2	6-3	19.		4-5							3				
13	4	6-3½	38.		4-5½							4				
14	2	6-4	19.		4-6							5				
15	4	6-4½	38.		4-6½							6				
16	2	6-5	19.		4-7							7				
17	4	6-5½	39.		4-7½							8				
18	2	6-6	20.		4-8							9				
19	2	6-6½	20.		4-8½							10				
20	2	6-7	20.		4-9							11				
21	4	6-7½	40.		4-9½							12				
22	2	6-8	20.		4-10							13				
23	4	6-8½	40.		4-10½							14				
24	2	6-9	20.		4-11							15				
25	4	6-9½	41.		4-11½							16				
26	2	U6 6-10	21.	11	5-0	11				MC605-		17				⊔
27			1916.													
28																
29																
30	36	L14 43-11	12095.	3-0	40-11					MF1402						∟
31																
32																
33																
34																
35																
36																
37																
38																
39																
40																
41																
42																

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1	42	10 13-6	2440.	28	MF1000			55			
2				29				56			
3				30				57			
4				31				58			
5				32				59			
6				33				60			
7				34				61			
8				35				62			
9				36				63			
10				37				64			
11				38				65			
12				39				66			
13				40				67			
14				41				68			
15				42				69			
16				43				70			
17				44				71			
18				45				72			
19				46				73			
20				47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

φ TOTAL WEIGHT 16451.

DATE SHIPPED
SHIPPED BY.
RECEIVED BY.
REF. DWG. NO I95-1(22)16
APPROVED

DRAWN	10-28-68	RCS
REVISION		
REVISION		
REVISION		

PIER 10S-C

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER CIANCHETTE BROS.
DESIGNER NHSHC + MSHC
ORDER
DWG. 68-142

114-166

0 1 2 3 4 5 6

BENT BARS

BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L"

ITEM	NO	MARK	WEIGHT	A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	8	U6 9-6	114.	3-2	3-2	3-2				PC602-		1				⊔
2	8	9-6½	115.	3-2	3-2½	3-2						2				
3	8	9-7	115.	3-2	3-3	3-2						3				
4	8	9-9½	118.	3-3	3-3½	3-3						4				
5	8	9-10	118.	3-3	3-4	3-3						5				
6	8	9-10½	119.	3-3	3-4½	3-3						6				
7	8	10-1	121.	3-4	3-5	3-4						7				
8	8	10-1½	122.	3-4	3-5½	3-4						8				
9	8	10-2	122.	3-4	3-6	3-4				PC602-		9				
10	2	6-2	19.	11	4-4	11				PC603-		1				
11	2	6-2½	19.		4-4½							2				
12	4	6-3	38.		4-5							3				
13	2	6-3½	19.		4-5½							4				
14	4	6-4	38.		4-6							5				
15	2	6-4½	19.		4-6½							6				
16	4	6-5	39.		4-7							7				
17	2	6-5½	19.		4-7½							8				
18	4	6-6	39.		4-8							9				
19	2	6-6½	20.		4-8½							10				
20	4	6-7	40.		4-9							11				
21	2	6-7½	20.		4-9½							12				
22	2	6-8	10.	11	4-10	11				PC603-		13				⊔
23			1403													
24																
25																
26	36	U4 36-6	10652	3-0	33-6					PF1401						∟
27																
28																
29																
30																
31																
32																
33																
34																
35																
36																
37																
38																
39																
40																
41																
42																

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1	42	10 13-6	5440.	28	PF1000			55			
2				29				56			
3				30				57			
4				31				58			
5				32				59			
6				33				60			
7				34				61			
8				35				62			
9				36				63			
10				37				64			
11				38				65			
12				39				66			
13				40				67			
14				41				68			
15				42				69			
16				43				70			
17				44				71			
18				45				72			
19				46				73			
20				47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

Ø TOTAL WEIGHT 13,895.

DATE SHIPPED
SHIPPED BY.
RECEIVED BY.
REF. DWG NO I95-1(22)16
APPROVED

DRAWN	10-29-68	RCS
REVISION		
REVISION		
REVISION		

PIER 12S-B

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER CIANCHETTE BROS.
DESIGNER NHSHC + MSHC
ORDER
DWG. 68-142

BENT BARS

BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L"

ITEM	NO	MARK	WEIGHT	A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	8	U6 9-6	114.	3-2	3-2	3-2				PC600-		1				⊔
2	8	9-6½	115.	3-2	3-2½	3-2						2				
3	8	9-7	115.	3-2	3-3	3-2						3				
4	8	9-9½	118.	3-3	3-3½	3-3						4				
5	8	9-10	118.	3-3	3-4	3-3						5				
6	4	9-10½	59	3-3	3-4½	3-3						6				
7	8	10-1	121.	3-4	3-5	3-4						7				
8	8	10-1½	122.	3-4	3-5½	3-4						8				
9	8	10-2	122.	3-4	3-6	3-4						9				
10	8	10-4½	125.	3-5	3-6½	3-5						10				
11	8	10-5	125.	3-5	3-7	3-5				PC600-		11				
12	2	6-2	19.	11	4-4	11				PC601-		1				
13	2	6-2½	19.		4-4½							2				
14	4	6-3	38.		4-5							3				
15	2	6-3½	19.		4-5½							4				
16	4	6-4	38.		4-6							5				
17	2	6-4½	19.		4-6½							6				
18	4	6-5	39.		4-7							7				
19	2	6-5½	19.		4-7½							8				
20	4	6-6	39.		4-8							9				
21	2	6-6½	20.		4-8½							10				
22	4	6-7	40.		4-9							11				
23	2	6-7½	20.		4-9½							12				
24	4	6-8	40.		4-10							13				
25	2	6-8½	20.		4-10½							14				
26	2	U6 6-9	20.	11	4-11	11				PC601-		15				⊔
27			1663.													
28																
29																
30	36	L14 41-0	11291	3-0	38-0					PF1400						∟
31																
32																
33																
34																
35																
36																
37																
38																
39																
40																
41																
42																

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1	42	10 13-6	5440	28	PF1000			55			
2				29				56			
3				30				57			
4				31				58			
5				32				59			
6				33				60			
7				34				61			
8				35				62			
9				36				63			
10				37				64			
11				38				65			
12				39				66			
13				40				67			
14				41				68			
15				42				69			
16				43				70			
17				44				71			
18				45				72			
19				46				73			
20				47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

Ø TOTAL WEIGHT 15,394.

DATE SHIPPED
SHIPPED BY:
RECEIVED BY:
REF. DWG NO I95-1(22)16
APPROVED

DRAWN	10-29-68	RCS
REVISION		
REVISION		
REVISION		

PIER 12S-A

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER CIANCHETTE BROS.
DESIGNER NHSHC + MSHC
ORDER
DWG. 68-142

BENT BARS

BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L"

ITEM	NO	MARK	WEIGHT	A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	8	U6 9-0	108.	3-1	2-10	3-1				NC606-		1				⊔
2	8	9-0½	109.	3-1	2-10½	3-1						2				
3	8	9-3	111.	3-2	2-11	3-2						3				
4	8	9-3½	112.	3-2	2-11½	3-2						4				
5	8	9-6	114.	3-3	3-0	3-3						5				
6	8	9-8½	117.	3-4	3-0½	3-4						6				
7	8	9-9	117.	3-4	3-1	3-4						7				
8	8	9-11½	120.	3-5	3-1½	3-5						8				
9	8	10-0	120.	3-5	3-2	3-5				NC606-		9				
10	2	6-2	19.	0-11	4-4	0-11				NC607-		1				
11	2	6-2½	19.		4-4½							2				
12	4	6-3	38.		4-5							3				
13	2	6-3½	19.		4-5½							4				
14	4	6-4	38		4-6							5				
15	2	6-4½	19.		4-6½							6				
16	4	6-5	39.		4-7							7				
17	2	6-5½	19.		4-7½							8				
18	4	6-6	39.		4-8							9				
19	2	6-6½	20.		4-8½							10				
20	4	6-7	40.		4-9							11				
21	2	6-7½	20		4-9½							12				
22	2	U6 6-8	20.	0-11	4-10	0-11				NC607		13				⊔
23			1377													
24																
25																
26	28	L14 36-4	7783	3-0	33-4					NF1409						∟
27	16	L14 27-4	3346	3-0	24-4					NF1410						∟
28	8	L14 23-4	1428.	3-0	20-4					NF1411						∟
29			12557													
30																
31																
32																
33																
34																
35																
36																
37																
38																
39																
40																
41																
42																

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1	78	10 19-6	6545	28	NF1000			55			
2				29				56			
3				30				57			
4				31				58			
5				32				59			
6				33				60			
7				34				61			
8				35				62			
9				36				63			
10				37				64			
11				38				65			
12				39				66			
13				40				67			
14				41				68			
15				42				69			
16				43				70			
17				44				71			
18				45				72			
19				46				73			
20				47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

Ø TOTAL WEIGHT 20,479.

DATE SHIPPED
SHIPPED BY:
RECEIVED BY:
REF. DWG NO I95-1(22)68
APPROVED:

DRAWN	10-28-68	RCS
REVISION	2-4-69	RCS
REVISION		
REVISION		

PIER 11S-D

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER CIANCHETTE BROS.
DESIGNER NHSHC + MSHC
ORDER
DWG. 68-142

BENT BARS

BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L"

ITEM	NO	MARK	WEIGHT	A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	8	U6 9-0	108.	3-1	2-10	3-1				NC604-		1				⊔
2	8	9-0½	109.	3-1	2-10½	3-1						2				
3	8	9-1	109.	3-1	2-11	3-1						3				
4	4	9-3½	56	3-2	2-11½	3-2						4				
5	8	9-4	112.	3-2	3-0	3-2						5				
6	8	9-4½	113.	3-2	3-0½	3-2						6				
7	8	9-7	115.	3-3	3-1	3-3						7				
8	4	9-7½	58.	3-3	3-1½	3-3						8				
9	8	9-10	118.	3-4	3-2	3-4						9				
10	8	9-10½	119.	3-4	3-2½	3-4						10				
11	8	9-11	119.	3-4	3-3	3-4				NC604-		11				
12	2	6-2	19.	0-11	4-4	0-11				NC605-		1				
13	4	6-2½	37.		4-4½							2				
14	2	6-3	19		4-5							3				
15	2	6-3½	19.		4-5½							4				
16	4	6-4	38.		4-6							5				
17	2	6-4½	19.		4-6½							6				
18	2	6-5	19.		4-7							7				
19	4	6-5½	39.		4-7½							8				
20	2	6-6	20.		4-8							9				
21	2	6-6½	20.		4-8½							10				
22	4	6-7	40.		4-9							11				
23	2	6-7½	20.		4-9½							12				
24	2	6-8	20		4-10							13				
25	4	6-8½	40.		4-10½							14				
26	2	U6 6-9	20.	0-11	4-11	0-11				NC605-		15				⊔
27			1525.													
28																
29																
30	28	L14 39-7	8479.	3-0	36-7					NF1406						∟
31	16	L14 29-7	3621.	3-0	23-7					NF1407						∟
32	8	L14 25-1	1535.	3-0	22-1					NF1408						∟
33			13635.													
34																
35																
36																
37																
38																
39																
40																
41																
42																

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1	78	10 19-6	6545.	28	NF1000			55			
2				29				56			
3				30				57			
4				31				58			
5				32				59			
6				33				60			
7				34				61			
8				35				62			
9				36				63			
10				37				64			
11				38				65			
12				39				66			
13				40				67			
14				41				68			
15				42				69			
16				43				70			
17				44				71			
18				45				72			
19				46				73			
20				47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

Ø TOTAL WEIGHT 21705.

DATE SHIPPED
SHIPPED BY:
RECEIVED BY:
REF. DWG NO I95-1(22)16
APPROVED

DRAWN	10-28-68	RCS
REVISION	2-4-69	RCS
REVISION		
REVISION		

PIER 11S-C

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER CIANCHETTE BROS
DESIGNER NHSHC + MSHC
ORDER
DWG. 68-142

114-167

BENT BARS

ITEM	NO.	MARK	WEIGHT	A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
				BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L"												
1	8	U6 9-6	114.	3-2	3-2	3-2				ØC602-		1				⊔
2	8	9-6½	115.	3-2	3-2½	3-2						2				
3	4	9-7	58.	3-2	3-3	3-2						3				
4	8	9-7½	116.	3-2	3-3½	3-2						4				
5	4	9-10	59.	3-3	3-4	3-3						5				
6	8	9-10½	119.	3-3	3-4½	3-3						6				
7	4	9-11	60.	3-3	3-5	3-3						7				
8	8	10-1½	122.	3-4	3-5½	3-4						8				
9	4	10-2	61.	3-4	3-6	3-4						9				
10	8	10-2½	123.	3-4	3-6½	3-4						10				
11	8	10-3	123.	3-4	3-7	3-4				ØC602-		11				
12	2	6-2	19.	11	4-4	11				ØC603-		1				
13	2	6-2½	19.		4-4½							2				
14	4	6-3	38.		4-5							3				
15	2	6-3½	19.		4-5½							4				
16	4	6-4	38.		4-6							5				
17	2	6-4½	19.		4-6½							6				
18	4	6-5	39.		4-7							7				
19	2	6-5½	19.		4-7½							8				
20	4	6-6	39.		4-8							9				
21	2	6-6½	20.		4-8½							10				
22	4	6-7	40.		4-9							11				
23	2	6-7½	20.		4-9½							12				
24	2	U6 6-8	20.	11	4-10	11				ØC603-		13				⊔
25			1419.													
26																
27																
28	36	L14 36-0	9914	3-0	33-0					ØF140		1				└
29																
30																
31																
32																
33																
34																
35																
36																
37																
38																
39																
40																
41																
42																

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1	42	10 13-6	2440.	28	ØF1000			55			
2				29				56			
3				30				57			
4				31				58			
5				32				59			
6				33				60			
7				34				61			
8				35				62			
9				36				63			
10				37				64			
11				38				65			
12				39				66			
13				40				67			
14				41				68			
15				42				69			
16				43				70			
17				44				71			
18				45				72			
19				46				73			
20				47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

Ø TOTAL WEIGHT 13773.

DATE SHIPPED

SHIPPED BY:

RECEIVED BY:

REF. DWG. NO. I95-1(22)16

APPROVED

DRAWN	10-30-68	RCS
REVISION		
REVISION		
REVISION		

PIER 13S-B

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER CIANCHETTE BROS.
DESIGNER NHSHC + MSHC

ORDER
DWG. 68-142

BENT BARS

ITEM	NO.	MARK	WEIGHT	A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
				BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L"												
1	8	U6 9-6	114.	3-2	3-2	3-2				ØC600-		1				⊔
2	4	9-6½	57.	3-2	3-2½	3-2						2				
3	8	9-7	115.	3-2	3-3	3-2						3				
4	8	9-9½	118.	3-3	3-3½	3-3						4				
5	4	9-10	59.	3-3	3-4	3-3						5				
6	8	9-10½	119.	3-3	3-4½	3-3						6				
7	8	10-1	121.	3-4	3-5	3-4						7				
8	4	10-1½	61.	3-4	3-5½	3-4						8				
9	8	10-2	122.	3-4	3-6	3-4				ØC600-		9				
10	2	6-2	19.	11	4-4	11				ØC601-		1				
11	2	6-2½	19.		4-4½							2				
12	4	6-3	38.		4-5							3				
13	2	6-3½	19.		4-5½							4				
14	4	6-4	38.		4-6							5				
15	2	6-4½	19.		4-6½							6				
16	4	6-5	39.		4-7							7				
17	2	6-5½	19.		4-7½							8				
18	4	6-6	39.		4-8							9				
19	2	6-6½	20.		4-8½							10				
20	2	U6 6-7	20.	11	4-9	11				ØC601-		11				⊔
21			1175.													
22																
23																
24	36	L14 33-3	9157	3-0	30-3					ØF1400						└
25																
26																
27																
28																
29																
30																
31																
32																
33																
34																
35																
36																
37																
38																
39																
40																
41																
42																

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1	42	10 13-6	2440.	28	ØF1000			55			
2				29				56			
3				30				57			
4				31				58			
5				32				59			
6				33				60			
7				34				61			
8				35				62			
9				36				63			
10				37				64			
11				38				65			
12				39				66			
13				40				67			
14				41				68			
15				42				69			
16				43				70			
17				44				71			
18				45				72			
19				46				73			
20				47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

Ø TOTAL WEIGHT 12772.

DATE SHIPPED

SHIPPED BY:

RECEIVED BY:

REF. DWG. NO. I95-1(22)16

APPROVED

DRAWN	10-29-68	RCS
REVISION		
REVISION		
REVISION		

PIER 13S-A

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER CIANCHETTE BROS.
DESIGNER NHSHC + MSHC

ORDER
DWG. 68-142

BENT BARS

ITEM	NO	MARK	WEIGHT	A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
				BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L"												
1	8	U6 9-6	114.	3-2	3-2	3-2				PC606-		1				⊔
2	8	9-6½	115.	3-2	3-2½	3-2						2				
3	12	9-9	176	3-3	3-3	3-3						3				
4	8	9-9½	118.	3-3	3-3½	3-3						4				
5	8	9-10	118.	3-3	3-4	3-3				PC606-		5				
6	2	6-2	19.	11	4-4	11				PC607-		1				
7	2	6-2½	19.		4-4½							2				
8	4	6-3	38.		4-5							3				
9	2	6-3½	19.		4-5½							4				
10	2	6-4	19.		4-6							5				
11	2	6-4½	19.		4-6½							6				
12	4	6-5	39.		4-7							7				
13	2	6-5½	19.		4-7½							8				
14	2	U6 6-6	20.	11	4-8	11				PC607-		9				⊔
15			852.													
16																
17																
18	36	L14 27-9	7642	3-0	24-9					PF140		3				└
19																
20																
21																
22																
23																
24																
25																
26																
27																
28																
29																
30																
31																
32																
33																
34																
35																
36																
37																
38																
39																
40																
41																
42																

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1	42	10 13-6	2440.	28	PF1000			55			
2				29				56			
3				30				57			
4				31				58			
5				32				59			
6				33				60			
7				34				61			
8				35				62			
9				36				63			
10				37				64			
11				38				65			
12				39				66			
13				40				67			
14				41				68			
15				42				69			
16				43				70			
17				44				71			
18				45				72			
19				46				73			
20				47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

Ø TOTAL WEIGHT 10934.

DATE SHIPPED

SHIPPED BY:

RECEIVED BY:

REF. DWG. NO. I95-1(22)16

APPROVED

DRAWN	10-29-68	RCS
REVISION		
REVISION		
REVISION		

PIER 12S-D

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER CIANCHETTE BROS
DESIGNER NHSHC + MSHC

ORDER
DWG. 68-142

BENT BARS

ITEM	NO.	MARK	WEIGHT	A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
				BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L"												
1	8	U6 9-6	114.	3-2	3-2	3-2				PC604-		1				⊔
2	8	9-6½	115.	3-2	3-2½	3-2						2				
3	12	9-7	173.	3-2	3-3	3-2						3				
4	8	9-9½	118.	3-3	3-3½	3-3						4				
5	8	9-10	118.	3-3	3-4	3-3						5				
6	12	9-10½	178.	3-3	3-4½	3-3						6				
7	8	9-11	119.	3-3	3-5	3-3				PC604-		7				
8	2	6-2	19.	11	4-4	11				PC605-		1				
9	4	6-2½	37.		4-4½							2				
10	2	6-3	19.		4-5							3				
11	4	6-3½	38.		4-5½							4				
12	2	6-4	19.		4-6							5				
13	4	6-4½	38.		4-6½							6				
14	2	6-5	19.		4-7							7				
15	4	6-5½	39.		4-7½							8				
16	2	6-6	20.		4-8							9				
17	4	6-6½	39.		4-8½							10				
18	2	U6 6-7	20.	11	4-9	11				PC605-		11				⊔
19			1242.													
20																
21																
22	36	L14 33-9	9295	3-0	30-9					PF140		2				└
23																
24																
25																
26																
27																
28																
29																
30																
31																
32																
33																
34																
35																
36																
37																
38																
39																
40																
41																
42																

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1	42	10 13-6	2440.	28	PF1000			55			
2				29				56			
3				30				57			
4				31				58			
5				32				59			
6				33				60			
7				34				61			
8				35				62			
9				36				63			
10				37				64			
11				38				65			
12				39				66			
13				40				67			
14				41				68			
15				42				69			
16				43				70			
17				44				71			
18				45				72			
19				46				73			
20				47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

Ø TOTAL WEIGHT 12177.

DATE SHIPPED

SHIPPED BY:

RECEIVED BY:

REF. DWG. NO. I95-1(22)16

APPROVED

DRAWN	10-29-68	RCS
REVISION		
REVISION		
REVISION		

PIER 12S-C

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER CIANCHETTE BROS
DESIGNER NHSHC + MSHC

ORDER
DWG. 68-142

114-168

0 1 2 3 4 5 6

BENT BARS

BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L"

ITEM	NO.	MARK	WEIGHT	A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	8	U6 9-0	108	3-1	2-10	3-1				RC602-1						⊔
2	8	9-0½	109	3-1	2-10½	3-1						2				
3	4	9-3	56	3-2	2-11	3-2						3				
4	8	9-3½	112	3-2	2-11½	3-2						4				
5	8	9-6	114	3-3	3-0	3-3						5				
6	4	9-6½	57	3-3	3-0½	3-3						6				
7	8	9-9	117	3-4	3-1	3-4						7				
8	8	9-9½	118	3-4	3-1½	3-4						8				
9	8	9-10	118	3-4	3-2	3-4				RC602-9						
10	2	6-2	19	11	4-4	11				RC603-1						
11	4	6-2½	37		4-4½							2				
12	2	6-3	19		4-5							3				
13	4	6-3½	38		4-5½							4				
14	2	6-4	19		4-6							5				
15	4	6-4½	38		4-6½							6				
16	2	6-5	19		4-7							7				
17	4	6-5½	39		4-7½							8				
18	2	6-6	20		4-8							9				
19	4	6-6½	39		4-8½							10				
20	2	U6 6-7	20	11	4-9	11				RC603-11						⊔
21			1216													
22																
23																
24	28	L14 34-3	7336	3-0	31-3					RF1403						└
25	16	L14 26-3	3213	3-0	23-3					RF1404						└
26	8	L14 22-3	1362	3-0	19-3					RF1405						└
27			11911													
28																
29																
30																
31																
32																
33																
34																
35																
36																
37																
38																
39																
40																
41																
42																

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1	78	10 19-6	6545	28		RF1000		55			
2				29				56			
3				30				57			
4				31				58			
5				32				59			
6				33				60			
7				34				61			
8				35				62			
9				36				63			
10				37				64			
11				38				65			
12				39				66			
13				40				67			
14				41				68			
15				42				69			
16				43				70			
17				44				71			
18				45				72			
19				46				73			
20				47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

Φ TOTAL WEIGHT 19,672

DATE SHIPPED
SHIPPED BY:
RECEIVED BY:
REF. DWG. NO I95-1(22)16
APPROVED
DRAWN 10-30-68 RCS
REVISION
REVISION
REVISION

PIER 14S-B

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER CIANCHETTE BROS.
DESIGNER NHSHC + MSHC
ORDER
DWG. 68-142

BENT BARS

BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L"

ITEM	NO.	MARK	WEIGHT	A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	8	U6 9-0	108	3-1	2-10	3-1				RC600-1						⊔
2	4	9-0½	54	3-1	2-10½	3-1						2				
3	8	9-1	109	3-1	2-11	3-1						3				
4	4	9-3½	56	3-2	2-11½	3-2						4				
5	8	9-4	112	3-2	3-0	3-2						5				
6	4	9-6½	57	3-3	3-0½	3-3						6				
7	8	9-7	115	3-3	3-1	3-3						7				
8	4	9-7½	58	3-3	3-1½	3-3						8				
9	8	9-10	118	3-4	3-2	3-4						9				
10	4	9-10½	59	3-4	3-2½	3-4						10				
11	8	9-11	119	3-4	3-3	3-4				RC600-11						
12	2	6-2	19	11	4-4	11				RC601-1						
13	2	6-2½	19		4-4½							2				
14	4	6-3	38		4-5							3				
15	2	6-3½	19		4-5½							4				
16	2	6-4	19		4-6							5				
17	4	6-4½	38		4-6½							6				
18	2	6-5	19		4-7							7				
19	2	6-5½	19		4-7½							8				
20	4	6-6	39		4-8							9				
21	2	6-6½	20		4-8½							10				
22	2	6-7	20		4-9							11				
23	4	6-7½	40		4-9½							12				
24	2	U6 6-8	20	11	4-10	11				RC601-13						⊔
25			1294													
26																
27																
28	28	L14 35-3	7551	3-0	32-3					RF1400						└
29	16	L14 269	3274	3-0	23-9					RF1401						└
30	8	L14 229	1392	3-0	19-9					RF1402						└
31			12217													
32																
33																
34																
35																
36																
37																
38																
39																
40																
41																
42																

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1	78	10 19-6	6545	28		RF1000		55			
2				29				56			
3				30				57			
4				31				58			
5				32				59			
6				33				60			
7				34				61			
8				35				62			
9				36				63			
10				37				64			
11				38				65			
12				39				66			
13				40				67			
14				41				68			
15				42				69			
16				43				70			
17				44				71			
18				45				72			
19				46				73			
20				47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

Φ TOTAL WEIGHT 20,056

DATE SHIPPED
SHIPPED BY
RECEIVED BY
REF. DWG. NO I95-1(22)16
APPROVED
DRAWN 10-30-68 RCS
REVISION
REVISION
REVISION

PIER 14S-A

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER CIANCHETTE BROS.
DESIGNER NHSHC + MSHC
ORDER
DWG. 68-142

BENT BARS

BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L"

ITEM	NO.	MARK	WEIGHT	A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	4	U6 9-6	57.	3-2	3-2	3-2				QC604-1						⊔
2	8	9-6½	115.	3-2	3-2½	3-2						2				
3	4	9-7	58.	3-2	3-3	3-2						3				
4	8	9-7½	116.	3-2	3-3½	3-2						4				
5	4	9-10	59.	3-3	3-4	3-3						5				
6	8	9-10½	119.	3-3	3-4½	3-3						6				
7	4	9-11	60.	3-3	3-5	3-3						7				
8	8	10-1½	122.	3-4	3-5½	3-4						8				
9	4	10-2	61.	3-4	3-6	3-4						9				
10	8	10-2½	123.	3-4	3-6½	3-4						10				
11	4	10-3	62.	3-4	3-7	3-4				QC604-11						
12	2	6-2	19.	11	4-4	11				QC605-1						
13	4	6-2½	37.		4-4½							2				
14	2	6-3	19.		4-5							3				
15	4	6-3½	38.		4-5½							4				
16	2	6-4	19.		4-6							5				
17	4	6-4½	38.		4-6½							6				
18	2	6-5	19.		4-7							7				
19	4	6-5½	39.		4-7½							8				
20	2	6-6	20.		4-8							9				
21	4	6-6½	39.		4-8½							10				
22	2	U6 6-7	20.	11	4-9	11				QC605-11						⊔
23			1259.													
24																
25																
26	36	L14 34-9	9570	3-0	31-9					QF1403						└
27																
28																
29																
30																
31																
32																
33																
34																
35																
36																
37																
38																
39																
40																
41																
42																

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1	42	10 13-6	2440	28		QF1000		55			
2				29				56			
3				30				57			
4				31				58			
5				32				59			
6				33				60			
7				34				61			
8				35				62			
9				36				63			
10				37				64			
11				38				65			
12				39				66			
13				40				67			
14				41				68			
15				42				69			
16				43				70			
17				44				71			
18				45				72			
19				46				73			
20				47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

Φ TOTAL WEIGHT 13269.

DATE SHIPPED
SHIPPED BY:
RECEIVED BY:
REF. DWG. NO I95-1(22)16
APPROVED
DRAWN 10-30-68 RCS
REVISION
REVISION
REVISION

PIER 13S-D

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER CIANCHETTE BROS.
DESIGNER NHSHC + MSHC
ORDER
DWG. 68-142

BENT BARS

BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L"

ITEM	NO.	MARK	WEIGHT	A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	4	U6 9-6	57.	3-2	3-2	3-2				QC604-1						⊔
2	8	9-6½	115.	3-2	3-2½	3-2						2				
3	4	9-7	58.	3-2	3-3	3-2						3				
4	8	9-7½	116.	3-2	3-3½	3-2						4				
5	4	9-10	59.	3-3	3-4	3-3						5				
6	8	9-10½	119.	3-3	3-4½	3-3						6				
7	4	9-11	60.	3-3	3-5	3-3						7				
8	8	10-1½	122.	3-4	3-5½	3-4						8				
9	4	10-2	61.	3-4	3-6	3-4						9				
10	8	10-2½	123.	3-4	3-6½	3-4						10				
11	4	10-3	62.	3-4	3-7	3-4				QC604-11						
12	2	6-2	19.	11	4-4	11				QC605-1						
13	4	6-2½	37.		4-4½							2				
14	2	6-3	19.		4-5							3				
15	4	6-3½	38.		4-5½							4				
16	2	6-4	19.		4-6							5				
17	4	6-4½	38.		4-6½							6				
18	2	6-5	19.		4-7							7				
19	4	6-5½	39.		4-7½							8				
20	2	6-6	20.		4-8							9				
21	4	6-6½	39.		4-8½							10				
22	2	U6 6-7	20.	11	4-9	11				QC605-11						⊔
23			1259.													
24																
25																
26	36	L14 346	9501.	3-0	31-6					QF1402						└
27																
28																
29																
30																
31																
32																
33																
34																
35																
36																
37																
38																
39																
40																
41																
42																

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1	42	10 13-6	2440	28		QF1000		55			
2				29				56			
3				30				57			
4				31				58			
5				32				59			
6				33				60			
7				34				61			
8				35				62			
9				36				63			
10				37				64			
11				38				65			
12				39				66			
13				40				67			
14				41				68			
15				42				69			
16				43				70			
17				44				71			
18				45				72			
19				46				73			
20				47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

Φ TOTAL WEIGHT 13200.

DATE SHIPPED
SHIPPED BY:
RECEIVED BY:
REF. DWG. NO I95-1(22)16
APPROVED
DRAWN 10-30-68 RCS
REVISION
REVISION
REVISION

PIER 13S-C

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER CIANCHETTE BROS.
DESIGNER NHSHC + MSHC
ORDER
DWG. 68-142

114-169

BENT BARS

BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L"

ITEM	NO	MARK	WEIGHT	A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	8	U6 9-6	114.	3-2	3-2	3-2				SC602-		1				⊔
2	8	9-6½	115.	3-2	3-2½	3-2						2				
3	8	9-7	115.	3-2	3-3	3-2						3				
4	8	9-9½	118.	3-3	3-3½	3-3						4				
5	8	9-10	118.	3-3	3-4	3-3						5				
6	8	9-10½	119.	3-3	3-4½	3-3						6				
7	8	10-1	121.	3-4	3-5	3-4						7				
8	8	10-1½	122.	3-4	3-5½	3-4						8				
9	8	10-2	122.	3-4	3-6	3-4						9				
10	8	10-4½	125.	3-5	3-6½	3-5						10				
11	8	10-5	125.	3-5	3-7	3-5						11				
12	8	10-5½	126.	3-5	3-7½	3-5						12				
13	8	10-8	128.	3-6	3-8	3-6						13				
14	8	10-8½	129.	3-6	3-8½	3-6						14				
15	8	10-9	129.	3-6	3-9	3-6				SC602-		15				
16	2	6-2	19.	11	4-4	11				SC603-		1				
17	4	6-2½	37.		4-4½							2				
18	2	6-3	19.		4-5							3				
19	4	6-3½	38.		4-5½							4				
20	2	6-4	19.		4-6							5				
21	4	6-4½	38.		4-6½							6				
22	2	6-5	19.		4-7							7				
23	4	6-5½	39.		4-7½							8				
24	2	6-6	19.		4-8							9				
25	4	6-6½	39.		4-8½							10				
26	2	6-7	20.		4-9							11				
27	2	6-7½	20.		4-9½							12				
28	2	6-8	20.		4-10							13				
29	4	6-8½	40.		4-10½							14				
30	2	6-9	20.		4-11							15				
31	4	6-9½	41.		4-11½							16				
32	2	6-10	21.		5-0							17				
33	4	6-10½	41.		5-0½							18				
34	2	6-11	21.		5-1							19				
35	4	6-11½	42.		5-1½							20				
36	2	U6 7-0	21.	11	5-2	11				SC603-		21				⊔
37			2419.													
38																
39																
40	36	L14 52-9	14527.	3-0	49-9					SF1401						└
41																
42																

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1	42	10 13-6	2440.	28	SF1000			55			
2				29				56			
3				30				57			
4				31				58			
5				32				59			
6				33				60			
7				34				61			
8				35				62			
9				36				63			
10				37				64			
11				38				65			
12				39				66			
13				40				67			
14				41				68			
15				42				69			
16				43				70			
17				44				71			
18				45				72			
19				46				73			
20				47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

Ø TOTAL WEIGHT 19386.

DATE SHIPPED

SHIPPED BY:

RECEIVED BY:

REF. DWG. NO. I95-1(22)16

APPROVED

DRAWN	10-31-68	RCS
REVISION		
REVISION		
REVISION		

PIER 15S-B

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER CIANCHETTE BROS.
DESIGNER NHSHC + MSHC

ORDER

DWG. 68-142

BENT BARS

BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L"

ITEM	NO.	MARK	WEIGHT	A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	8	U6 9-6	114.	3-2	3-2	3-2				SC600-		1				⊔
2	8	9-6½	115.	3-2	3-2½	3-2						2				
3	8	9-7	115.	3-2	3-3	3-2						3				
4	8	9-9½	118.	3-3	3-3½	3-3						4				
5	8	9-10	118.	3-3	3-4	3-3						5				
6	8	10-0½	121.	3-4	3-4½	3-4						6				
7	8	10-1	121.	3-4	3-5	3-4						7				
8	8	10-1½	122.	3-4	3-5½	3-4						8				
9	8	10-4	124.	3-5	3-6	3-5						9				
10	8	10-4½	125.	3-5	3-6½	3-5						10				
11	8	10-7	127.	3-6	3-7	3-6						11				
12	8	10-7½	128.	3-6	3-7½	3-6						12				
13	8	10-8	128.	3-6	3-8	3-6				SC600-		13				
14	4	6-2	37.	11	4-4	11				SC601-		1				
15	2	6-2½	19.		4-4½							2				
16	4	6-3	38.		4-5							3				
17	2	6-3½	19.		4-5½							4				
18	4	6-4	38.		4-6							5				
19	2	6-4½	19.		4-6½							6				
20	4	6-5	39.		4-7							7				
21	2	6-5½	19.		4-7½							8				
22	4	6-6	39.		4-8							9				
23	2	6-6½	20.		4-8½							10				
24	4	6-7	40.		4-9							11				
25	2	6-7½	20.		4-9½							12				
26	4	6-8	40.		4-10							13				
27	2	6-8½	20.		4-10½							14				
28	4	6-9	41.		4-11							15				
29	2	6-9½	20.		4-11½							16				
30	4	U6 6-10	41.	11	5-0	11				SC601-		17				⊔
31			2085.													
32																
33																
34	36	L14 47-2	12990.	3-0	44-2					SF1400						└
35																
36																
37																
38																
39																
40																
41																
42																

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO.	MARK	WEIGHT
1	42	10 13-6	2440.	28	SF1000			55			
2				29				56			
3				30				57			
4				31				58			
5				32				59			
6				33				60			
7				34				61			
8				35				62			
9				36				63			
10				37				64			
11				38				65			
12				39				66			
13				40				67			
14				41				68			
15				42				69			
16				43				70			
17				44				71			
18				45				72			
19				46				73			
20				47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

Ø TOTAL WEIGHT

DATE SHIPPED

SHIPPED BY:

RECEIVED BY:

REF. DWG. NO. I95-1(22)16

APPROVED

DRAWN	10-31-68	RCS
REVISION		
REVISION		
REVISION		

PIER 15S-A

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER CIANCHETTE BROS.
DESIGNER NHSHC + MSHC

ORDER

DWG. 68-142

BENT BARS

BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L"

ITEM	NO.	MARK	WEIGHT	A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	8	U6 9-0	108	3-1	2-10	3-1				RC604-		1				⊔
2	8	9-0½	109	3-1	2-10½	3-1						2				
3	8	9-1	109	3-1	2-11	3-1						3				
4	8	9-3½	112	3-2	2-11½	3-2						4				
5	4	9-4	56	3-2	3-0	3-2						5				
6	8	9-6½	115	3-3	3-0½	3-3						6				
7	8	9-7	115	3-3	3-1	3-3						7				
8	8	9-7½	116	3-3	3-1½	3-3						8				
9	4	9-10	59	3-4	3-2	3-4						9				
10	8	9-10½	119	3-4	3-2½	3-4						10				
11	8	10-1	121	3-5	3-3	3-5						11				
12	8	10-1½	122	3-5	3-3½	3-5						12				
13	8	10-2	122	3-5	3-4	3-5				RC604-		13				
14	2	6-2	19	11	4-4	11				RC605-		1				
15	4	6-2½	37		4-4½							2				
16	2	6-3	19		4-5							3				
17	4	6-3½	38		4-5½							4				
18	2	6-4	19		4-6							5				
19	4	6-4½	38		4-6½							6				
20	2	6-5	19		4-7							7				
21	4	6-5½	39		4-7½							8				
22	2	6-6	20		4-8							9				
23	2	6-6½	20		4-8½							10				
24	2	6-7	20		4-9							11				
25	4	6-7½	40		4-9½							12				
26	2	6-8	20		4-10							13				
27	4	6-8½	40		4-10½							14				
28	2	6-9	20		4-11							15				
29	4	6-9½	41		4-11½							16				
30	2	U6 6-10	21	11	5-0	11				RC605-		17				⊔
31			1853.													
32																
33																
34	28	L14 44-9	9585	3-0	41-9					RF1409						└
35	16	L14 33-0	4039	3-0	30-0					RF1410						└
36	8	L14 27-6	1683	3-0	24-6					RF1411						└
37			15307.													
38																
39																
40																
41																
42																

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1	78	10 19-6	6545	28	RF1000			55			
2				29				56			
3				30				57			
4				31				58			
5				32				59			
6				33				60			
7				34				61			
8				35				62			
9				36				63			
10				37				64			
11				38				65			
12				39				66			
13				40				67			
14				41				68			
15				42				69			
16				43				70			
17				44				71			
18				45				72			
19				46				73			
20				47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

Ø TOTAL WEIGHT 23705.

DATE SHIPPED

SHIPPED BY:

RECEIVED BY:

REF. DWG. NO. I95-1(22)16

APPROVED

DRAWN	10-30-68	RCS
REVISION		
REVISION		
REVISION		

PIER 14S-D

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER CIANCHETTE BROS.
DESIGNER NHSHC + MSHC

ORDER

DWG. 68-142

9.

BENT BARS

BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L"

ITEM	NO	MARK	WEIGHT	A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	8	U6 9-0	108	3-1	2-10	3-1				RC602-		1				⊔
2	8	9-0½	109	3-1	2-10½	3-1						2				
3	4	9-3	56	3-2	2-11	3-2						3				
4	8	9-3½	112	3-2	2-11½	3-2						4				
5	8	9-6	114	3-3	3-0	3-3						5				
6	4	9-6½	57	3-3	3-0½	3-3						6				
7	8	9-9	117	3-4	3-1	3-4						7				
8	8	9-9½	118	3-4	3-1½	3-4						8				
9	8	9-10	118	3-4	3-2	3-4				RC602-		9				
10	2	6-2	19	11	4-4	11				RC603-		1				
11	4	6-2½	37		4-4½							2				
12	2	6-3	19		4-5							3				
13	4	6-3½	38		4-5½							4				
14	2	6-4	19		4-6							5				
15	4	6-4½	38		4-6½							6				
16	2	6-5	19		4-7							7				
17	4	6-5½	39		4-7½							8				
18	2	6-6	20		4-8							9				
19	4	6-6½	39		4-8½							10				
20	2	U6 6-7	20	11	4-9	11				RC603-		11				⊔
21			1216.													
22																
23																
24																
25	28	L14 34-0	[illegible]	3-0	31-0					RF1406						└
26	16	L14 25-9	3152	3-0	22-9					RF1407						└
27	8	L14 22-0	1346	3-0	19-0					RF1408						└
28			11781.													
29																
30																
31																
32																
33																
34																
35																
36																
37																
38																
39																
40																
41																
42																

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1	78	10 19-6	6545	28	RF1000			55			
2				29				56			
3				30				57			
4				31				58			
5				32				59			
6				33				60			
7				34				61			
8				35				62			
9				36				63			
10				37				64			
11				38				65			
12				39				66			
13				40				67			
14				41				68			
15				42				69			
16				43				70			
17				44				71			
18				45				72			
19				46				73			
20				47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

Ø TOTAL WEIGHT 19542.

DATE SHIPPED

SHIPPED BY:

RECEIVED BY:

REF. DWG. NO. I95-1(22)16

APPROVED

DRAWN	10-30-68	RCS
REVISION		
REVISION		
REVISION		

PIER 14S-C

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER CIANCHETTE BROS.
DESIGNER NHSHC + MSHC

ORDER

DWG. 68-142

114-170

0 1 2 3 4 5 6

BENT BARS

2 OF 2

BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L"

ITEM	NO.	MARK	WEIGHT	A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	8	U6 10-9	129.	3-6	3-9	3-6				TC602-		1				⊔
2	12	10-11½	198.	3-7	3-9½	3-7				TC602-		2				
3	8	11-2	134.	3-8	3-10	3-8				TC602-		3				
4	2	7-0	21.	11	5-2	11				TC603-		1				
5	4	7-0½	42.		5-2½							2				
6	2	7-1	21.		5-3							3				
7	4	7-1½	42.		5-3½							4				
8	2	U6 7-2	22.	11	5-4	11				TC603-		5				⊔
9			609.													
10																
11																
12	36	L14 60-6	16662.	3-0	57-6					TF1400						└
13																
14																
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																
25																
26																
27																
28																
29																
30																
31																
32																
33																
34																
35																
36																
37																
38																
39																
40																
41																
42																

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1				28				55			
2				29				56			
3				30				57			
4				31				58			
5				32				59			
6				33				60			
7				34				61			
8				35				62			
9				36				63			
10				37				64			
11				38				65			
12				39				66			
13				40				67			
14				41				68			
15				42				69			
16				43				70			
17				44				71			
18				45				72			
19				46				73			
20				47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

φ TOTAL WEIGHT 22,383

DATE SHIPPED:
SHIPPED BY:
RECEIVED BY:
REF. DWG. NO. I95-1(22)16
APPROVED

DRAWN	10-31-68	RCS
REVISION		
REVISION		
REVISION		

PIER 16S-A

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER CIANCHETTE BROS.
DESIGNER NHSHC + MSHC
ORDER
DWG. 68-142
2 OF 2

BENT BARS

1 OF 2

BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L"

ITEM	NO.	MARK	WEIGHT	A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	8	U6 9-6	114.	3-2	3-2	3-2				TC600-		1				⊔
2	8	9-6½	115.	3-2	3-2½	3-2						2				
3	8	9-7	115.	3-2	3-3	3-2						3				
4	8	9-9½	118.	3-3	3-3½	3-3						4				
5	8	9-10	118.	3-3	3-4	3-3						5				
6	8	9-10½	119.	3-3	3-4½	3-3						6				
7	8	10-1	121.	3-4	3-5	3-4						7				
8	8	10-1½	122.	3-4	3-5½	3-4						8				
9	8	10-2	122.	3-4	3-6	3-4						9				
10	8	10-4½	125.	3-5	3-6½	3-5						10				
11	8	10-5	125.	3-5	3-7	3-5						11				
12	8	10-5½	126.	3-5	3-7½	3-5						12				
13	8	10-8	128.	3-6	3-8	3-6						13				
14	8	10-8½	129.	3-6	3-8½	3-6						14				
15	8	10-9	129.	3-6	3-9	3-6				TC600-		15				
16	2	6-2	19.	11	4-4	11				TC601-		1				
17	4	6-2½	37.		4-4½							2				
18	2	6-3	19.		4-5							3				
19	4	6-3½	38.		4-5½							4				
20	2	6-4	19.		4-6							5				
21	4	6-4½	38.		4-6½							6				
22	2	6-5	19.		4-7							7				
23	4	6-5½	39.		4-7½							8				
24	2	6-6	20.		4-8							9				
25	2	6-6½	20.		4-8½							10				
26	2	6-7	20.		4-9							11				
27	4	6-7½	40.		4-9½							12				
28	2	6-8	20.		4-10							13				
29	4	6-8½	40.		4-10½							14				
30	2	6-9	20.		4-11							15				
31	4	6-9½	41.		4-11½							16				
32	2	6-10	21.		5-0							17				
33	4	6-10½	41.		5-0½							18				
34	2	6-11	21.		5-1							19				
35	4	6-11½	42.		5-1½							20				
36	2	U6 7-0	21.	11	5-2	11				TC601-		21				⊔
37			2421.													
38																
39																
40																
41																
42																

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1	52	10 16-6	3672	28	TF1000			55			
2				29				56			
3				30				57			
4				31				58			
5				32				59			
6				33				60			
7				34				61			
8				35				62			
9				36				63			
10				37				64			
11				38				65			
12				39				66			
13				40				67			
14				41				68			
15				42				69			
16				43				70			
17				44				71			
18				45				72			
19				46				73			
20				47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

φ TOTAL WEIGHT

DATE SHIPPED
SHIPPED BY.
RECEIVED BY.
REF. DWG. NO. I95-1(22)16
APPROVED

DRAWN	10-31-68	RCS
REVISION		
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PIER 16S-A

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER CIANCHETTE BROS.
DESIGNER NHSHC + MSHC
ORDER
DWG. 68-142
1 OF 2

BENT BARS

BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L"

ITEM	NO.	MARK	WEIGHT	A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	8	U6 9-6	114.	3-2	3-2	3-2				SC606-		1				⊔
2	8	9-6½	115.	3-2	3-2½	3-2						2				
3	8	9-7	115.	3-2	3-3	3-2						3				
4	8	9-9½	118.	3-3	3-3½	3-3						4				
5	8	9-10	118.	3-3	3-4	3-3						5				
6	8	10-0½	121.	3-4	3-4½	3-4						6				
7	4	10-1	61.	3-4	3-5	3-4						7				
8	8	10-1½	122.	3-4	3-5½	3-4						8				
9	8	10-4	124.	3-5	3-6	3-5						9				
10	8	10-4½	125.	3-5	3-6½	3-5						10				
11	8	10-7	127.	3-6	3-7	3-6						11				
12	8	10-7½	128.	3-6	3-7½	3-6						12				
13	8	10-8	128.	3-6	3-8	3-6				SC606-		13				
14	2	6-2	19.	11	4-4	11				SC607-		1				
15	4	6-2½	37.		4-4½							2				
16	2	6-3	19.		4-5							3				
17	4	6-3½	38.		4-5½							4				
18	2	6-4	19.		4-6							5				
19	4	6-4½	38.		4-6½							6				
20	2	6-5	19.		4-7							7				
21	4	6-5½	39.		4-7½							8				
22	2	6-6	20.		4-8							9				
23	4	6-6½	39.		4-8½							10				
24	2	6-7	20.		4-9							11				
25	4	6-7½	40.		4-9½							12				
26	2	6-8	20.		4-10							13				
27	4	6-8½	40.		4-10½							14				
28	2	6-9	20.		4-11							15				
29	4	6-9½	41.		4-11½							16				
30	2	U6 6-10	21.	11	5-0	11				SC607-		17				⊔
31			2006													
32																
33																
34																
35	36	L14 46-9	12875	3-0	43-9					SF1403						└
36																
37																
38																
39																
40																
41																
42																

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1	42	10 13-6	2440	28	SF1000			55			
2				29				56			
3				30				57			
4				31				58			
5				32				59			
6				33				60			
7				34				61			
8				35				62			
9				36				63			
10				37				64			
11				38				65			
12				39				66			
13				40				67			
14				41				68			
15				42				69			
16				43				70			
17				44				71			
18				45				72			
19				46				73			
20				47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

φ TOTAL WEIGHT 17,320.

DATE SHIPPED
SHIPPED BY:
RECEIVED BY:
REF. DWG. NO. I95-1(22)16
APPROVED

DRAWN	10-31-68	RCS
REVISION		
REVISION		
REVISION		

PIER 15S-D

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER CIANCHETTE BROS.
DESIGNER NHSHC + MSHC
ORDER
DWG. 68-142

BENT BARS

BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L"

ITEM	NO.	MARK	WEIGHT	A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	8	U6 9-6	114.	3-2	3-2	3-2				SC604-		1				⊔
2	8	9-6½	115.	3-2	3-2½	3-2						2				
3	8	9-7	115.	3-2	3-3	3-2						3				
4	8	9-9½	118.	3-3	3-3½	3-3						4				
5	8	9-10	118.	3-3	3-4	3-3						5				
6	8	9-10½	119.	3-3	3-4½	3-3						6				
7	8	10-1	121.	3-4	3-5	3-4						7				
8	4	10-1½	61.	3-4	3-5½	3-4						8				
9	8	10-2	122.	3-4	3-6	3-4						9				
10	8	10-4½	125.	3-5	3-6½	3-5						10				
11	8	10-5	125.	3-5	3-7	3-5						11				
12	8	10-5½	126.	3-5	3-7½	3-5						12				
13	8	10-8	128.	3-6	3-8	3-6						13				
14	8	10-8½	129.	3-6	3-8½	3-6						14				
15	8	10-9	129.	3-6	3-9	3-6				SC604-		15				
16	4	6-2	37.	11	4-4	11				SC605-		1				
17	2	6-2½	19.		4-4½							2				
18	2	6-3	19.		4-5							3				
19	4	6-3½	38.		4-5½							4				
20	2	6-4	19.		4-6							5				
21	2	6-4½	19.		4-6½							6				
22	4	6-5	39.		4-7							7				
23	2	6-5½	19.		4-7½							8				
24	2	6-6	19.		4-8							9				
25	4	6-6½	39.		4-8½							10				
26	2	6-7	20.		4-9							11				
27	2	6-7½	20.		4-9½							12				
28	4	6-8	40.		4-10							13				
29	2	6-8½	20.		4-10½							14				
30	2	6-9	20.		4-11							15				
31	4	6-9½	41.		4-11½							16				
32	2	6-10	21.		5-0							17				
33	2	6-10½	21.		5-0½							18				
34	4	6-11	42.		5-1							19				
35	2	6-11½	21.		5-1½							20				
36	4	U6 7-0	42.	11	5-2	11				SC605-		21				⊔
37			2340.													
38																
39																
40	36	L14 51-1	14068.	3-0	48-1					SF1402						└
41																
42																

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1	42	10 13-6	2440.	28	SF1000			55			
2				29				56			
3				30				57			
4				31				58			
5				32				59			
6				33				60			
7				34				61			
8				35				62			
9				36				63			
10				37				64			
11				38				65			
12				39				66			
13				40				67			
14				41				68			
15				42				69			
16				43				70			
17				44				71			
18				45				72			
19				46				73			
20				47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

φ TOTAL WEIGHT 18,848.

DATE SHIPPED
SHIPPED BY.
RECEIVED BY:
REF. DWG. NO. I95-1(22)16
APPROVED

DRAWN	10-31-68	RCS
REVISION		
REVISION		
REVISION		

PIER 15S-C

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER CIANCHETTE BROS.
DESIGNER NHSHC + MSHC
ORDER
DWG. 68-142

114-171

BENT BARS 2 OF 2

BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L"

ITEM	NO	MARK	WEIGHT	A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	8	U6 10-9	129.	3-6	3-9	3-6				TC604-		1				⊔
2	4	10-11½	66.	3-7	3-9½	3-7				TC604		2				
3	8	11-0	132	3-7	3-10	3-7				TC604-		3				
4	2	7-0	21.	11	5-2	11				TC605-		1				
5	2	7-0½	21.		5-2½							2				
6	2	7-1	21.		5-3							3				
7	2	7-1½	21.		5-3½							4				
8	2	U6 7-2	22.	11	5-4	11				TC605-		5				⊔
9			433													
10																
11																
12	36	L14 59-2	16245.	3-0	56-2					TF 1402						└
13																
14																
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																
25																
26																
27																
28																
29																
30																
31																
32																
33																
34																
35																
36																
37																
38																
39																
40																
41																
42																

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1				28				55			
2				29				56			
3				30				57			
4				31				58			
5				32				59			
6				33				60			
7				34				61			
8				35				62			
9				36				63			
10				37				64			
11				38				65			
12				39				66			
13				40				67			
14				41				68			
15				42				69			
16				43				70			
17				44				71			
18				45				72			
19				46				73			
20				47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

Φ TOTAL WEIGHT 22,840

DATE SHIPPED
SHIPPED BY:
RECEIVED BY:
REF. DWG. NO. I95-1(22)16
APPROVED

PIER 16S-C

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER CIANCHETTE BROS.
DESIGNER NHSHC + MSHC

DRAWN	10-31-68	RCS
REVISION		
REVISION		
REVISION		

ORDER
DWG. 68-142
2 OF 2

BENT BARS 1 OF 2

BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L"

ITEM	NO.	MARK	WEIGHT	A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	8	U6 9-6	114.	3-2	3-2	3-2				TC600-		1				⊔
2	8	9-6½	115.	3-2	3-2½	3-2						2				
3	8	9-7	115.	3-2	3-3	3-2						3				
4	8	9-9½	118.	3-3	3-3½	3-3						4				
5	8	9-10	118.	3-3	3-4	3-3						5				
6	8	9-10½	119.	3-3	3-4½	3-3						6				
7	8	10-1	121.	3-4	3-5	3-4						7				
8	8	10-1½	122.	3-4	3-5½	3-4						8				
9	8	10-2	122.	3-4	3-6	3-4						9				
10	8	10-4½	125.	3-5	3-6½	3-5						10				
11	8	10-5	125.	3-5	3-7	3-5						11				
12	8	10-5½	126.	3-5	3-7½	3-5						12				
13	8	10-8	128.	3-6	3-8	3-6						13				
14	8	10-8½	129.	3-6	3-8½	3-6						14				
15	8	10-9	129.	3-6	3-9	3-6				TC600-		15				
16	2	6-2	19.	11	4-4	11				TC601-		1				
17	4	6-2½	37.		4-4½							2				
18	2	6-3	19.		4-5							3				
19	4	6-3½	38.		4-5½							4				
20	2	6-4	19.		4-6							5				
21	4	6-4½	38.		4-6½							6				
22	2	6-5	19.		4-7							7				
23	4	6-5½	39.		4-7½							8				
24	2	6-6	20.		4-8							9				
25	2	6-6½	20.		4-8½							10				
26	2	6-7	20.		4-9							11				
27	4	6-7½	40		4-9½							12				
28	2	6-8	20.		4-10							13				
29	4	6-8½	40.		4-10½							14				
30	2	6-9	20.		4-11							15				
31	4	6-9½	41.		4-11½							16				
32	2	6-10	21.		5-0							17				
33	4	6-10½	41.		5-0½							18				
34	2	6-11	21.		5-1							19				
35	4	6-11½	42.		5-1½							20				
36	2	U6 7-0	21.	11	5-2	11				TC601-		21				⊔
37			2421.													
38																
39																
40																
41																
42																

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1	52	10 16-6	3692	28	TF 1000			55			
2				29				56			
3				30				57			
4				31				58			
5				32				59			
6				33				60			
7				34				61			
8				35				62			
9				36				63			
10				37				64			
11				38				65			
12				39				66			
13				40				67			
14				41				68			
15				42				69			
16				43				70			
17				44				71			
18				45				72			
19				46				73			
20				47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

Φ TOTAL WEIGHT

DATE SHIPPED
SHIPPED BY:
RECEIVED BY:
REF. DWG. NO. I95-1(22)16
APPROVED

PIER 16S-C

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER CIANCHETTE BROS.
DESIGNER NHSHC + MSHC

DRAWN	10-31-68	RCS
REVISION		
REVISION		
REVISION		

ORDER
DWG. 68-142
1 OF 2

BENT BARS 2 OF 2

BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L"

ITEM	NO.	MARK	WEIGHT	A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	8	U6 10-9	129.	3-6	3-9	3-6				TC602-		1				⊔
2	12	10-11½	198.	3-7	3-9½	3-7				TC602-		2				
3	8	11-2	134.	3-8	3-10	3-8				TC602-		3				
4	2	7-0	21.	11	5-2	11				TC603-		1				
5	4	7-0½	42.		5-2½							2				
6	2	7-1	21.		5-3							3				
7	4	7-1½	42.		5-3½							4				
8	2	U6 7-2	22.	11	5-4	11				TC603-		5				⊔
9			609.													
10																
11																
12	36	L14 61-8	16983	3-0	58-8					TF 1401						└
13																
14																
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																
25																
26																
27																
28																
29																
30																
31																
32																
33																
34																
35																
36																
37																
38																
39																
40																
41																
42																

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1				28				55			
2				29				56			
3				30				57			
4				31				58			
5				32				59			
6				33				60			
7				34				61			
8				35				62			
9				36				63			
10				37				64			
11				38				65			
12				39				66			
13				40				67			
14				41				68			
15				42				69			
16				43				70			
17				44				71			
18				45				72			
19				46				73			
20				47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

Φ TOTAL WEIGHT 23,704

DATE SHIPPED
SHIPPED BY:
RECEIVED BY:
REF. DWG. NO. I95-1(22)16
APPROVED

PIER 16S-B

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER CIANCHETTE BROS.
DESIGNER NHSHC + MSHC

DRAWN	10-31-68	RCS
REVISION		
REVISION		
REVISION		

ORDER
DWG. 68-142
2 OF 2

BENT BARS 1 OF 2

BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L"

ITEM	NO.	MARK	WEIGHT	A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	8	U6 9-6	114.	3-2	3-2	3-2				TC600-		1				⊔
2	8	9-6½	115.	3-2	3-2½	3-2						2				
3	8	9-7	115.	3-2	3-3	3-2						3				
4	8	9-9½	118.	3-3	3-3½	3-3						4				
5	8	9-10	118.	3-3	3-4	3-3						5				
6	8	9-10½	119.	3-3	3-4½	3-3						6				
7	8	10-1	121.	3-4	3-5	3-4						7				
8	8	10-1½	122.	3-4	3-5½	3-4						8				
9	8	10-2	122.	3-4	3-6	3-4						9				
10	8	10-4½	125.	3-5	3-6½	3-5						10				
11	8	10-5	125.	3-5	3-7	3-5						11				
12	8	10-5½	126.	3-5	3-7½	3-5						12				
13	8	10-8	128.	3-6	3-8	3-6						13				
14	8	10-8½	129.	3-6	3-8½	3-6						14				
15	8	10-9	129.	3-6	3-9	3-6				TC600-		15				
16	2	6-2	19.	11	4-4	11				TC601-		1				
17	4	6-2½	37.		4-4½							2				
18	2	6-3	19.		4-5							3				
19	4	6-3½	38.		4-5½							4				
20	2	6-4	19.		4-6							5				
21	4	6-4½	38.		4-6½							6				
22	2	6-5	19.		4-7							7				
23	4	6-5½	39.		4-7½							8				
24	2	6-6	20.		4-8							9				
25	2	6-6½	20.		4-8½							10				
26	2	6-7	20.		4-9							11				
27	4	6-7½	40.		4-9½							12				
28	2	6-8	20.		4-10							13				
29	4	6-8½	40.		4-10½							14				
30	2	6-9	20.		4-11							15				
31	4	6-9½	41.		4-11½							16				
32	2	6-10	21.		5-0							17				
33	4	6-10½	41.		5-0½							18				
34	2	6-11	21.		5-1							19				
35	4	6-11½	42.		5-1½							20				
36	2	U6 7-0	21.	11	5-2	11				TC601-		21				⊔
37			2421.													
38																
39																
40																
41																
42																

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1	52	10 16-6	3692	28	TF 1000			55			
2				29				56			
3				30				57			
4				31				58			
5				32				59			
6				33				60			
7				34				61			
8				35				62			
9				36				63			
10				37				64			
11				38				65			
12				39				66			
13				40				67			
14				41				68			
15				42				69			
16				43				70			
17				44				71			
18				45				72			
19				46				73			
20				47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

Φ TOTAL WEIGHT

DATE SHIPPED
SHIPPED BY:
RECEIVED BY:
REF. DWG. NO. I95-1(22)16
APPROVED

PIER 16S-B

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER CIANCHETTE BROS.
DESIGNER NHSHC + MSHC

DRAWN	10-31-68	RCS
REVISION		
REVISION		
REVISION		

ORDER
DWG. 68-142
1 OF 2

114-172

BENT BARS

BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L"

ITEM	NO.	MARK	WEIGHT	A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	8	U6 9-6	114	3-2	3-2	3-2				UC602-		1				⊔
2	8	9-6½	115	3-2	3-2½	3-2						2				
3	8	9-7	115	3-2	3-3	3-2						3				
4	8	9-9½	118	3-3	3-3½	3-3						4				
5	8	9-10	118	3-3	3-4	3-3						5				
6	8	9-10½	119	3-3	3-4½	3-3						6				
7	8	10-1	121	3-4	3-5	3-4						7				
8	8	10-1½	122	3-4	3-5½	3-4						8				
9	8	10-2	122	3-4	3-6	3-4						9				
10	8	10-4½	125	3-5	3-6½	3-5						10				
11	8	10-5	125	3-5	3-7	3-5						11				
12	8	10-5½	126	3-5	3-7½	3-5						12				
13	8	10-8	128	3-6	3-8	3-6						13				
14	8	10-8½	129	3-6	3-8½	3-6						14				
15	8	10-9	129	3-6	3-9	3-6				UC602-		15				
16	2	6-2	19	0-11	4-4	0-11				UC603-		1				
17	4	6-2½	37		4-4½							2				
18	2	6-3	19		4-5							3				
19	4	6-3½	38		4-5½							4				
20	2	6-4	19		4-6							5				
21	4	6-4½	38		4-6½							6				
22	2	6-5	19		4-7							7				
23	4	6-5½	39		4-7½							8				
24	2	6-6	20		4-8							9				
25	2	6-6½	20		4-8½							10				
26	2	6-7	20		4-9							11				
27	4	6-7½	40		4-9½							12				
28	2	6-8	20		4-10							13				
29	4	6-8½	40		4-10½							14				
30	2	6-9	20		4-11							15				
31	4	6-9½	41		4-11½							16				
32	2	6-10	21		5-0							17				
33	4	6-10½	41		5-0½							18				
34	2	6-11	21		5-1							19				
35	4	6-11½	42		5-1½							20				
36	2	U6 7-0	21	0-11	5-2	0-11				UC603-		21				⊔
37	4	U6 10-9	65	3-6	3-9	3-6				UC604						⊔
38	2	U6 7-0	21	0-11	5-2	0-11				UC605						⊔
39			2507													
40																
41	36	L14 54-0	14872	3-0	51-0					UF 1401						└
42																

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1	42	10 13-6	2440	28	UF 1000			55			
2				29				56			
3				30				57			
4				31				58			
5				32				59			
6				33				60			
7				34				61			
8				35				62			
9				36				63			
10				37				64			
11				38				65			
12				39				66			
13				40				67			
14				41				68			
15				42				69			
16				43				70			
17				44				71			
18				45				72			
19				46				73			
20				47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

TOTAL WEIGHT 19,819

DATE SHIPPED

SHIPPED BY:

RECEIVED BY:

REF. DWG NO I95-1(22)16

APPROVED

PIER 17S-B

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER CIANCHETTE BROS.
DESIGNER NHSHC + MSHC

DRAWN	10-31-68	RCS
REVISION	2-4-69	RCS
REVISION		
REVISION		

ORDER

DWG. 68-142

BENT BARS

BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L"

ITEM	NO	MARK	WEIGHT	A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	8	U6 9-6	114	3-2	3-2	3-2				UC600-		1				⊔
2	8	9-6½	115	3-2	3-2½	3-2						2				
3	8	9-7	115	3-2	3-3	3-2						3				
4	8	9-9½	118	3-3	3-3½	3-3						4				
5	12	9-10	177	3-3	3-4	3-3						5				
6	8	10-0½	121	3-4	3-4½	3-4						6				
7	8	10-1	121	3-4	3-5	3-4						7				
8	8	10-1½	122	3-4	3-5½	3-4						8				
9	12	10-4	186	3-5	3-6	3-5						9				
10	8	10-4½	125	3-5	3-6½	3-5						10				
11	8	10-7	127	3-6	3-7	3-6						11				
12	8	10-7½	128	3-6	3-7½	3-6						12				
13	8	10-8	128	3-6	3-8	3-6				UC600-		13				
14	2	6-2	19	11	4-4	11				UC601-		1				
15	4	6-2½	37		4-4½							2				
16	2	6-3	19		4-5							3				
17	4	6-3½	38		4-5½							4				
18	2	6-4	19		4-6							5				
19	4	6-4½	38		4-6½							6				
20	2	6-5	19		4-7							7				
[illegible]	4	6-5½	39		4-7½							8				
22	2	6-6	20		4-8							9				
23	4	6-6½	39		4-8½							10				
24	2	6-7	20		4-9							11				
25	4	6-7½	40		4-9½							12				
26	2	6-8	20		4-10							13				
27	4	6-8½	40		4-10½							14				
28	2	6-9	20		4-11							15				
29	4	6-9½	41		4-11½							16				
30	2	6-10	21		5-0							17				
31	4	6-10½	41		5-0½							18				
32	2	U6 6-11	21	11	5-1	11				UC601-		19				⊔
33			2248													
34																
35																
36	36	L14 50-8	13954	3-0	47-8					UF 1400						└
37																
38																
39																
40																
41																
42																

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1	42	10 13-6	2440	28	UF 1000			55			
2				29				56			
3				30				57			
4				31				58			
5				32				59			
6				33				60			
7				34				61			
8				35				62			
9				36				63			
10				37				64			
11				38				65			
12				39				66			
13				40				67			
14				41				68			
15				42				69			
16				43				70			
17				44				71			
18				45				72			
19				46				73			
20				47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

TOTAL WEIGHT 18642

DATE SHIPPED

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REF. DWG NO I95-1(22)16

APPROVED

PIER 17S-A

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER CIANCHETTE BROS.
DESIGNER NHSHC + MSHC

DRAWN	10-31-68	RCS
REVISION		
REVISION		
REVISION		

ORDER

DWG. 68-142

BENT BARS 2 OF 2

BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L"

ITEM	NO	MARK	WEIGHT	A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	4	U6 10-9	65	3-6	3-9	3-6				TC606-		1				⊔
2	4	10-11½	66	3-7	3-9½	3-7				TC606-		2				
3	4	11-0	66	3-7	3-10	3-7				TC606-		3				
4	2	7-0	21	11	5-2	11				TC607-		1				
5	2	7-0½	21	11	5-2½	11				TC607-		2				
6	2	U6 7-1	21	11	5-3	11				TC607-		3				⊔
7			260													
8																
9																
10	36	L14 56-5	15537	3-0	53-5					TF 1403						└
11																
12																
13																
14																
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																
25																
26																
27																
28																
29																
30																
31																
32																
33																
34																
35																
36																
37																
38																
39																
40																
41																
42																

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1				28				55			
2				29				56			
3				30				57			
4				31				58			
5				32				59			
6				33				60			
7				34				61			
8				35				62			
9				36				63			
10				37				64			
11				38				65			
12				39				66			
13				40				67			
14				41				68			
15				42				69			
16				43				70			
17				44				71			
18				45				72			
19				46				73			
20				47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

TOTAL WEIGHT 21,909

DATE SHIPPED

SHIPPED BY:

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REF. DWG NO I95-1(22)16

APPROVED

PIER 16S-D

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER CIANCHETTE BROS.
DESIGNER NHSHC + MSHC

DRAWN	10-31-68	RCS
REVISION		
REVISION		
REVISION		

ORDER

DWG. 68-142
2 OF 2

BENT BARS 1 OF 2

BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L"

ITEM	NO	MARK	WEIGHT	A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	8	U6 9-6	114	3-2	3-2	3-2				TC600-		1				⊔
2	8	9-6½	115	3-2	3-2½	3-2						2				
3	8	9-7	115	3-2	3-3	3-2						3				
4	8	9-9½	118	3-3	3-3½	3-3						4				
5	8	9-10	118	3-3	3-4	3-3						5				
6	8	9-10½	117	3-3	3-4½	3-3						6				
7	8	10-1	121	3-4	3-5	3-4						7				
8	8	10-1½	[illegible]	3-4	3-5½	3-4						8				
9	8	10-2	[illegible]	3-4	3-6	3-4						9				
10	8	10-4½	125	3-5	3-6½	3-5						10				
11	8	10-5	125	3-5	3-7	3-5						11				
12	8	10-5½	126	3-5	3-7½	3-5						12				
13	8	10-8	128	3-6	3-8	3-6						13				
14	8	10-8½	129	3-6	3-8½	3-6						14				
15	8	10-9	[illegible]	3-6	3-9	3-6				TC600-		15				
16	2	6-2	19	11	4-4	11				TC601-		1				
17	4	6-2½	37		4-4½							2				
18	2	6-3	19		4-5							3				
19	4	6-3½	[illegible]		4-5½							4				
20	2	6-4	19		4-6							5				
21	4	6-4½	38		4-6½							6				
22	2	6-5	19		4-7							7				
23	4	6-5½	[illegible]		4-7½							8				
24	2	6-6	20		4-8							9				
25	2	6-6½	[illegible]		4-8½							10				
26	2	6-7	[illegible]		4-9							11				
27	4	6-7½	[illegible]		4-9½							12				
28	2	6-8	[illegible]		4-10							13				
29	4	6-8½	[illegible]		4-10½							14				
30	2	6-9	[illegible]		4-11							15				
31	4	6-9½	41		4-11½							16				
32	2	6-10	[illegible]		5-0							17				
33	4	6-10½	41		5-0½							18				
34	2	6-11	21		5-1							19				
35	4	6-11½	42		5-1½							20				
36	2	U6 7-0	[illegible]	11	5-2	11				TC601-		21				⊔
37			[illegible]421													
38																
39																
40																
41																
42																

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1	52	10 16-6	[illegible]	28	TF 1000			55			
2				29				56			
3				30				57			
4				31				58			
5				32				59			
6				33				60			
7				34				61			
8				35				62			
9				36				63			
10				37				64			
11				38				65			
12				39				66			
13				40				67			
14				41				68			
15				42				69			
16				43				70			
17				44				71			
18				45				72			
19				46				73			
20				47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

TOTAL WEIGHT

DATE SHIPPED

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REF. DWG NO I95-1(22)16

APPROVED

PIER. 16S-D

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER CIANCHETTE BROS.
DESIGNER NHSHC + MSHC

DRAWN	10-31-68	RCS
REVISION		
REVISION		
REVISION		

ORDER

DWG. 68-142
1 OF 2

114-173

0 1 2 3 4 5 6

BENT BARS				BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L"												
ITEM	NO	MARK	WEIGHT	A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	8	U6 9-6	114	3-2	3-2	3-2				VC602-		1				⊔
2	8	9-6½	115	3-2	3-2½	3-2						2				
3	8	9-7	115	3-2	3-3	3-2						3				
4	8	9-9½	118	3-3	3-3½	3-3						4				
5	8	9-10	118	3-3	3-4	3-3						5				
6	8	10-0½	121	3-4	3-4½	3-4						6				
7	4	10-1	61	3-4	3-5	3-4						7				
8	8	10-1½	122	3-4	3-5½	3-4						8				
9	8	10-4	124	3-5	3-6	3-5						9				
10	8	10-4½	125	3-5	3-6½	3-5						10				
11	8	10-7	127	3-6	3-7	3-6						11				
12	8	10-7½	128	3-6	3-7½	3-6						12				
13	8	10-8	128	3-6	3-8	3-6				VC602-		13				
14	2	6-2	19	0-11	4-4	0-11				VC603-		1				
15	4	6-2½	37		4-4½							2				
16	2	6-3	19		4-5							3				
17	4	6-3½	38		4-5½							4				
18	2	6-4	19		4-6							5				
19	4	6-4½	38		4-6½							6				
20	2	6-5	19		4-7							7				
21	4	6-5½	39		4-7½							8				
22	2	6-6	20		4-8							9				
23	4	6-6½	39		4-8½							10				
24	2	6-7	20		4-9							11				
25	4	6-7½	40		4-9½							12				
26	2	6-8	20		4-10							13				
27	4	6-8½	40		4-10½							14				
28	2	6-9	20		4-11							15				
29	4	6-9½	41		4-11½							16				
30	2	U6 6-10	21	0-11	5-0	0-11				VC603-		17				⊔
31			2005													
32																
33																
34																
35	36	L14 47-1	12967	3-0	44-1					VF1401						∟
36																
37																
38																
39																
40																
41																
42																

STRAIGHT BARS											
ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1	42	10 13-6	2440	28	VF1000			55			
2				29				56			
3				30				57			
4				31				58			
5				32				59			
6				33				60			
7				34				61			
8				35				62			
9				36				63			
10				37				64			
11				38				65			
12				39				66			
13				40				67			
14				41				68			
15				42				69			
16				43				70			
17				44				71			
18				45				72			
19				46				73			
20				47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

φ TOTAL WEIGHT 17,412

DATE SHIPPED
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REF. DWG. NO I95-1(16)22
APPROVED

PIER 18S-B

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER CIANCHETTE BROS.
DESIGNER NHSHC + MSHC

DRAWN	11-1-68	RCS
REVISION	2-4-69	RCS
REVISION		
REVISION		

ORDER
DWG. 68-142

9

BENT BARS				BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L"												
ITEM	NO	MARK	WEIGHT	A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	8	U6 9-6	114	3-2	3-2	3-2				VC600-		1				⊔
2	8	9-6½	115	3-2	3-2½	3-2						2				
3	8	9-7	115	3-2	3-3	3-2						3				
4	4	9-9½	59	3-3	3-3½	3-3						4				
5	8	9-10	118	3-3	3-4	3-3						5				
6	8	9-10½	119	3-3	3-4½	3-3						6				
7	8	10-1	121	3-4	3-5	3-4						7				
8	4	10-1½	61	3-4	3-5½	3-4						8				
9	8	10-2	122	3-4	3-6	3-4						9				
10	8	10-4½	125	3-5	3-6½	3-5						10				
11	8	10-5	125	3-5	3-7	3-5						11				
12	4	10-5½	63	3-5	3-7½	3-5						12				
13	8	10-8	128	3-6	3-8	3-6						13				
14	8	10-8½	129	3-6	3-8½	3-6						14				
15	8	10-9	129	3-6	3-9	3-6				VC600-		15				
16	2	6-2	19	0-11	4-4	0-11				VC601-		1				
17	4	6-2½	37		4-4½							2				
18	2	6-3	19		4-5							3				
19	4	6-3½	38		4-5½							4				
20	2	6-4	19		4-6							5				
21	4	6-4½	38		4-6½							6				
22	2	6-5	19		4-7							7				
23	4	6-5½	39		4-7½							8				
24	2	6-6	20		4-8							9				
25	2	6-6½	20		4-8½							10				
26	2	6-7	20		4-9							11				
27	4	6-7½	40		4-9½							12				
28	2	6-8	20		4-10							13				
29	4	6-8½	40		4-10½							14				
30	2	6-9	20		4-11							15				
31	4	6-9½	41		4-11½							16				
32	2	6-10	21		5-0							17				
33	4	6-10½	41		5-0½							18				
34	2	U6 6-11	21	0-11	5-1	0-11				VC601-		19				⊔
35			2175													
36																
37																
38	36	L14 49-6	13632	3-0	46-6					VF1400						∟
39																
40																
41																
42																

STRAIGHT BARS											
ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1	42	10 13-6	2440	28	VF1000			55			
2				29				56			
3				30				57			
4				31				58			
5				32				59			
6				33				60			
7				34				61			
8				35				62			
9				36				63			
10				37				64			
11				38				65			
12				39				66			
13				40				67			
14				41				68			
15				42				69			
16				43				70			
17				44				71			
18				45				72			
19				46				73			
20				47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

φ TOTAL WEIGHT 18247

DATE SHIPPED:
SHIPPED BY:
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REF. DWG. NO I95-1(22)16
APPROVED

PIER 18S-A

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER CIANCHETTE BROS.
DESIGNER NHSHC + MSHC

DRAWN	11-1-68	RCS
REVISION	2-4-69	RCS
REVISION		
REVISION		

ORDER
DWG. 68-142

9

BENT BARS				BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L"												
ITEM	NO	MARK	WEIGHT	A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	8	U6 9-6	114	3-2	3-2	3-2				UC602-		1				⊔
2	8	9-6½	115	3-2	3-2½	3-2						2				
3	8	9-7	115	3-2	3-3	3-2						3				
4	8	9-9½	118	3-3	3-3½	3-3						4				
5	8	9-10	118	3-3	3-4	3-3						5				
6	8	9-10½	119	3-3	3-4½	3-3						6				
7	8	10-1	121	3-4	3-5	3-4						7				
8	8	10-1½	122	3-4	3-5½	3-4						8				
9	8	10-2	122	3-4	3-6	3-4						9				
10	8	10-4½	125	3-5	3-6½	3-5						10				
11	8	10-5	125	3-5	3-7	3-5						11				
12	8	10-5½	126	3-5	3-7½	3-5						12				
13	8	10-8	128	3-6	3-8	3-6						13				
14	8	10-8½	129	3-6	3-8½	3-6						14				
15	8	10-9	129	3-6	3-9	3-6				UC602-		15				
16	2	6-2	19	0-11	4-4	0-11				UC603-		1				
17	4	6-2½	37		4-4½							2				
18	2	6-3	19		4-5							3				
19	4	6-3½	38		4-5½							4				
20	2	6-4	19		4-6							5				
21	4	6-4½	38		4-6½							6				
22	2	6-5	19		4-7							7				
23	4	6-5½	39		4-7½							8				
24	2	6-6	20		4-8							9				
25	2	6-6½	20		4-8½							10				
26	2	6-7	20		4-9							11				
27	4	6-7½	40		4-9½							12				
28	2	6-8	20		4-10							13				
29	4	6-8½	40		4-10½							14				
30	2	6-9	20		4-11							15				
31	4	6-9½	41		4-11½							16				
32	2	6-10	21		5-0							17				
33	4	6-10½	41		5-0½							18				
34	2	6-11	21		5-1							19				
35	4	6-11½	42		5-1½							20				
36	2	U6 7-0	21	0-11	5-2	0-11				UC603-		21				⊔
37	4	U6 10-9	65	3-6	3-9	3-6				UC604						⊔
38	2	U6 7-0	21	0-11	5-2	0-11				UC605						⊔
39			2507													
40	36	L14 54-3	14940	3-0	51-3					UF1403						∟
41																
42																

STRAIGHT BARS											
ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1	42	10 13-6	2440	28	UF1000			55			
2				29				56			
3				30				57			
4				31				58			
5				32				59			
6				33				60			
7				34				61			
8				35				62			
9				36				63			
10				37				64			
11				38				65			
12				39				66			
13				40				67			
14				41				68			
15				42				69			
16				43				70			
17				44				71			
18				45				72			
19				46				73			
20				47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

φ TOTAL WEIGHT 19,887

DATE SHIPPED
SHIPPED BY:
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REF. DWG. NO I95-1(22)16
APPROVED

PIER 17S-D

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER CIANCHETTE BROS.
DESIGNER NHSHC + MSHC

DRAWN	10-31-68	RCS
REVISION	2-4-69	RCS
REVISION		
REVISION		

ORDER
DWG. 68-142

9

BENT BARS				BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L"												
ITEM	NO	MARK	WEIGHT	A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	8	U6 9-6	114	3-2	3-2	3-2				UC602-		1				⊔
2	8	9-6½	115	3-2	3-2½	3-2						2				
3	8	9-7	115	3-2	3-3	3-2						3				
4	8	9-9½	118	3-3	3-3½	3-3						4				
5	8	9-10	118	3-3	3-4	3-3						5				
6	8	9-10½	119	3-3	3-4½	3-3						6				
7	8	10-1	121	3-4	3-5	3-4						7				
8	8	10-1½	122	3-4	3-5½	3-4						8				
9	8	10-2	122	3-4	3-6	3-4						9				
10	8	10-4½	125	3-5	3-6½	3-5						10				
11	8	10-5	125	3-5	3-7	3-5						11				
12	8	10-5½	126	3-5	3-7½	3-5						12				
13	8	10-8	128	3-6	3-8	3-6						13				
14	8	10-8½	129	3-6	3-8½	3-6						14				
15	8	10-9	129	3-6	3-9	3-6				UC602-		15				
16	2	6-2	19	11	4-4	11				UC603-		1				
17	4	6-2½	37		4-4½							2				
18	2	6-3	19		4-5							3				
19	4	6-3½	38		4-5½							4				
20	2	6-4	19		4-6							5				
21	4	6-4½	38		4-6½							6				
22	2	6-5	19		4-7							7				
23	4	6-5½	39		4-7½							8				
24	2	6-6	20		4-8							9				
25	2	6-6½	20		4-8½							10				
26	2	6-7	20		4-9							11				
27	4	6-7½	40		4-9½							12				
28	2	6-8	20		4-10							13				
29	4	6-8½	40		4-10½							14				
30	2	6-9	20		4-11							15				
31	4	6-9½	41		4-11½							16				
32	2	6-10	21		5-0							17				
33	4	6-10½	41		5-0½							18				
34	2	6-11	21		5-1							19				
35	4	6-11½	42		5-1½							20				
36	2	U6 7-0	21	11	5-2	11				UC603-		21				⊔
37			2421													
38																
39																
40	36	L14 52-5	14435	3-0	49-5					UF1402						∟
41																
42																

STRAIGHT BARS											
ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1	42	10 13-6	2440	28	UF1000			55			
2				29				56			
3				30				57			
4				31				58			
5				32				59			
6				33				60			
7				34				61			
8				35				62			
9				36				63			
10				37				64			
11				38				65			
12				39				66			
13				40				67			
14				41				68			
15				42				69			
16				43				70			
17				44				71			
18				45				72			
19				46				73			
20				47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

φ TOTAL WEIGHT 19296.

DATE SHIPPED
SHIPPED BY:
RECEIVED BY:
REF. DWG. NO I95-1(22)16
APPROVED

PIER 17S-C

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER CIANCHETTE BROS.
DESIGNER NHSHC + MSHC

DRAWN	10-31-68	RCS
REVISION		
REVISION		
REVISION		

ORDER
DWG. 68-142

114-174

9.

BENT BARS

ITEM	NO	MARK	WEIGHT	BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L"												
				A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	58	V10 13-2	3286	11-2	2-0					WA 1002			3=K			
2																
3	4	V6 16-4	98	3-11	12.5					WB 601			2'0=K			
4																
5																
6	2	U5 17-10	37	8-6	10	8-6				WB502-6						⊔
7	2	16-2	34	7-8		7-8				WB 502-5						
8	2	14-8	31	6-11		6-11				WB 502-4						
9	2	13-0	27	6-1		6-1				WB 502-3						
10	2	11-6	24	5-4		5-4				WB 502-2						
11	2	U5 9-10	21	4-6	10	4-6				WB502-1						⊔
12	147	UV5 8-0	1227	2-0	2-3	1-9	2-0			WB 514			3½			
13	272	L5 5-4	1513	1-11	3-5					WA501						└
14	12	L5 6-10	86	1-11	4-11					WB501						└
15																
16	10	L5 6-4	66	1-11	4-5		GALV.			WB505						└
17	46	U5 4-4	208	1-9	10	1-9	GALV.			WB504						⊔
18			3274													
19																
20																
21																
22																
23																
24																
25																
26																
27																
28																
29																
30																
31																
32																
33																
34																
35																
36																
37																
38																
39																
40																
41																
42																

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1	22	10 9-6	899	28	WA1001	WB515		55	10	5 29-6	308
2	30	10 8-0	1033	29	WA 1000	WB516		56	30	5 23-6	733
3			1932	30		WB517		57	20	5 20-6	428
4	22	9 9-6	711	31	WA 901	WB500		58	40	5 13-6	563
5	151	9 8-6	4364	32	WA 900	WB 513		59	4	5 9-0	38
6			5075	33		WB511		60	135	5 7-9	1091
7	80	8 40-0	8544	34	WA801	WB508		61	2	5 7-9	16
8	12	8 12-0	384	35	WB800	WB 512		62	147	5 7-6	1150
9	12	8 9-0	288	36	WB801	WB 506		63	10	5 4-6	47
10	151	8 8-6	3427	37	WA800	WA500		64	147	5 3-6	537
11			12643	38				65			6974
12	5	7 29-6	301	39	WB 702			66			
13	15	7 23-6	721	40	WB 701			67			
14	10	7 20-6	419	41	WB 700			68			
15	44	7 13-0	1169	42	WA 700			69			
16			2610	43				70			
17	6	6 22-6	203	44	WB602			71			
18	30	6 14-0	631	45	WB600			72			
19	4	6 4-7	28	46	WA601			73			
20	32	6 3-6	168	47	WA600			74			
21			1030	48				75			
22	141	5 10-3	1507	49	WB 510	GALV.		76			
23	12	5 5-0	63	50	WB 507	GALV.		77			
24	10	5 4-9	50	51	WB 503	GALV.		78			
25	141	5 3-0	441	52	WB 509	GALV.		79			
26				53				80			
27				54				81			

TOTAL WEIGHT 36722

DATE SHIPPED

SHIPPED BY

RECEIVED BY

REF. DWG NO 1-95-1(22)16
SHEET 55 OF 75

APPROVED

DRAWN	11/1/68	ADL.
REVISION		
REVISION		
REVISION		

SOUTH ABUTMENT

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER CIANCHETTE BROS.
DESIGNER NHSHC + MSHC

ORDER

DWG. 68-142

9.

BENT BARS

ITEM	NO	MARK	WEIGHT	BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L"												
				A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	8	U6 9-6	114	3-2	3-2	3-2				VC604-1						⊔
2	8	9-6½	115	3-2	3-2½	3-2						2				
3	4	9-7	58	3-2	3-3	3-2						3				
4	8	9-9½	118	3-3	3-3½	3-3						4				
5	8	9-10	118	3-3	3-4	3-3						5				
6	4	9-10½	59	3-3	3-4½	3-3						6				
7	8	9-11	119	3-3	3-5	3-3						7				
8	8	10-1½	122	3-4	3-5½	3-4						8				
9	4	10-2	61	3-4	3-6	3-4						9				
10	8	10-2½	123	3-4	3-6½	3-4						10				
11	8	10-5	125	3-5	3-7	3-5						11				
12	4	10-5½	63	3-5	3-7½	3-5						12				
13	8	10-6	126	3-5	3-8	3-5						13				
14	8	10-6½	127	3-5	3-8½	3-5						14				
15	4	10-9	65	3-6	3-9	3-6						15				
16	8	10-9½	130	3-6	3-9½	3-6						16				
17	8	10-10	130	3-6	3-10	3-6				VC604-17						
18	4	6-2	37	11	4-4	11				VC605-1						
19	2	6-2½	19		4-4½							2				
20	2	6-3	19		4-5							3				
21	4	6-3½	38		4-5½							4				
22	2	6-4	19		4-6							5				
23	2	6-4½	19		4-6½							6				
24	4	6-5	39		4-7							7				
25	2	6-5½	19		4-7½							8				
26	2	6-6	20		4-8							9				
27	4	6-6½	39		4-8½							10				
28	2	6-7	20		4-9							11				
29	2	6-7½	20		4-9½							12				
30	4	6-8	40		4-10							13				
31	2	6-8½	20		4-10½							14				
32	2	6-9	20		4-11							15				
33	4	6-9½	41		4-11½							16				
34	2	6-10	21		5-0							17				
35	2	6-10½	21		5-0½							18				
36	4	6-11	42		5-1							19				
37	2	6-11½	21		5-1½							20				
38	4	U6 7-0	42	11	5-2	11				VC605-21						⊔
39			2349													
40																
41	36	L14 51-6	14183	3-0	48-6					VF1403						└
42																

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1	42	10 13-6	2440	28	VF 1000			55			
2				29				56			
3				30				57			
4				31				58			
5				32				59			
6				33				60			
7				34				61			
8				35				62			
9				36				63			
10				37				64			
11				38				65			
12				39				66			
13				40				67			
14				41				68			
15				42				69			
16				43				70			
17				44				71			
18				45				72			
19				46				73			
20				47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

TOTAL WEIGHT 18972

DATE SHIPPED:

SHIPPED BY:

RECEIVED BY:

REF. DWG. NO. I95-1(22)16

APPROVED

DRAWN	11-1-68	RCS
REVISION		
REVISION		
REVISION		

PIER 18S-D

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER CIANCHETTE BROS.
DESIGNER NHSHC + MSHC

ORDER

DWG. 68-142

9.

BENT BARS

ITEM	NO.	MARK	WEIGHT	BENDING DIMENSIONS ARE INSIDE EXCEPT "H" & "L"												
				A	B	C	D	E	F	G	J	M	H	N	L	SHAPE
1	8	U6 9-6	114	3-2	3-2	3-2				VC600-1						⊔
2	8	9-6½	115	3-2	3-2½	3-2						2				
3	8	9-7	115	3-2	3-3	3-2						3				
4	4	9-9½	59	3-3	3-3½	3-3						4				
5	8	9-10	118	3-3	3-4	3-3						5				
6	8	9-10½	119	3-3	3-4½	3-3						6				
7	8	10-1	121	3-4	3-5	3-4						7				
8	4	10-1½	61	3-4	3-5½	3-4						8				
9	8	10-2	122	3-4	3-6	3-4						9				
10	8	10-4½	125	3-5	3-6½	3-5						10				
11	8	10-5	125	3-5	3-7	3-5						11				
12	4	10-5½	63	3-5	3-7½	3-5						12				
13	8	10-8	128	3-6	3-8	3-6						13				
14	8	10-8½	129	3-6	3-8½	3-6						14				
15	8	10-9	129	3-6	3-9	3-6				VC600-15						
16	2	6-2	19	0-11	4-4	0-11				VC601-1						
17	4	6-2½	37		4-4½							2				
18	2	6-3	19		4-5							3				
19	4	6-3½	38		4-5½							4				
20	2	6-4	19		4-6							5				
21	4	6-4½	38		4-6½							6				
22	2	6-5	19		4-7							7				
23	4	6-5½	39		4-7½							8				
24	2	6-6	20		4-8							9				
25	2	6-6½	20		4-8½							10				
26	2	6-7	20		4-9							11				
27	4	6-7½	40		4-9½							12				
28	2	6-8	20		4-10							13				
29	4	6-8½	40		4-10½							14				
30	2	6-9	20		4-11							15				
31	4	6-9½	41		4-11½							16				
32	2	6-10	21		5-0							17				
33	4	6-10½	41		5-0½							18				
34	2	U6 6-11	21	0-11	5-1	0-11				VC601-19						⊔
35			2175													
36																
37																
38																
39	36	L14 49-6	13632	3-0	46-6					VF1402						└
40																
41																
42																

STRAIGHT BARS

ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT	ITEM	NO	MARK	WEIGHT
1	42	10 13-6	2440	28	VF1000			55			
2				29				56			
3				30				57			
4				31				58			
5				32				59			
6				33				60			
7				34				61			
8				35				62			
9				36				63			
10				37				64			
11				38				65			
12				39				66			
13				40				67			
14				41				68			
15				42				69			
16				43				70			
17				44				71			
18				45				72			
19				46				73			
20				47				74			
21				48				75			
22				49				76			
23				50				77			
24				51				78			
25				52				79			
26				53				80			
27				54				81			

TOTAL WEIGHT 18247

DATE SHIPPED

SHIPPED BY:

RECEIVED BY:

REF. DWG. NO. I95-1(22)16

APPROVED

DRAWN	11-1-68	RCS
REVISION	2-4-69	RCS
REVISION		
REVISION		

PIER 18S-C

Bancroft & Martin Inc.
South Portland 7, Maine

PISCATAQUA RIVER BRIDGE
KITTERY MAINE

CUSTOMER CIANCHETTE BROS.
DESIGNER NHSHC + MSHC

ORDER

DWG. 68-142

114-175

B.P.R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	I-95-1(22)16	1	75

NEW HAMPSHIRE DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
MAINE STATE HIGHWAY COMMISSION

PISCATAQUA RIVER BRIDGE
INTERSTATE ROUTE 95
PROJECT NO. I-95-1 (22) 16

PORTSMOUTH, NEW HAMPSHIRE
COUNTY OF ROCKINGHAM
TO
KITTERY, MAINE
COUNTY OF YORK

LENGTH OF PROJECT 0.853 MILES
CONTRACT NO. 1 - ENTIRE SUBSTRUCTURE

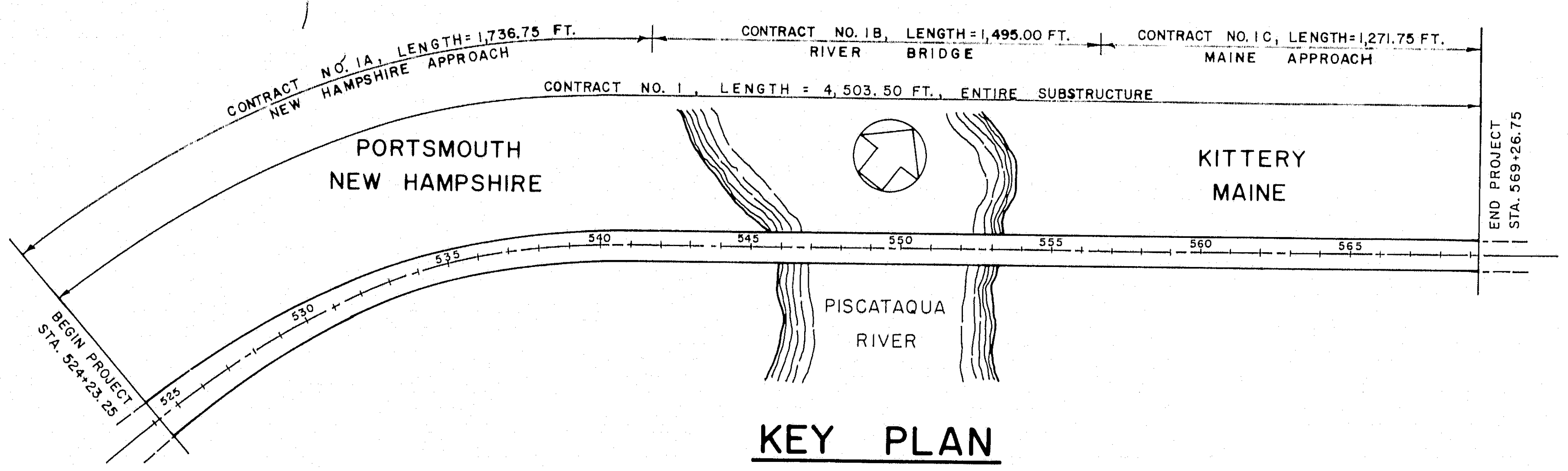
	CONTRACT	STATION TO STATION	MILES
NEW HAMPSHIRE APPROACH	1A	524+23.25 - 541+60.00	0.329
RIVER BRIDGE	1B	541+60.00 - 556+55.00	0.283
MAINE APPROACH	1C	556+55.00 - 569+26.75	0.241
ENTIRE SUBSTRUCTURE	1	524+23.25 - 569+26.75	0.853

SPECIFICATIONS

1. MAINE STATE HIGHWAY COMMISSION. REVISION OF JUNE, 1965
2. SPECIAL PROVISIONS.
3. SUPPLEMENTAL SPECIFICATIONS.

TRAFFIC

AADT 1990 ____________ 38,580
DHV ____________ 6,560
T ____________ 1 %
D ____________ 70 %
V ____________ 70 MPH



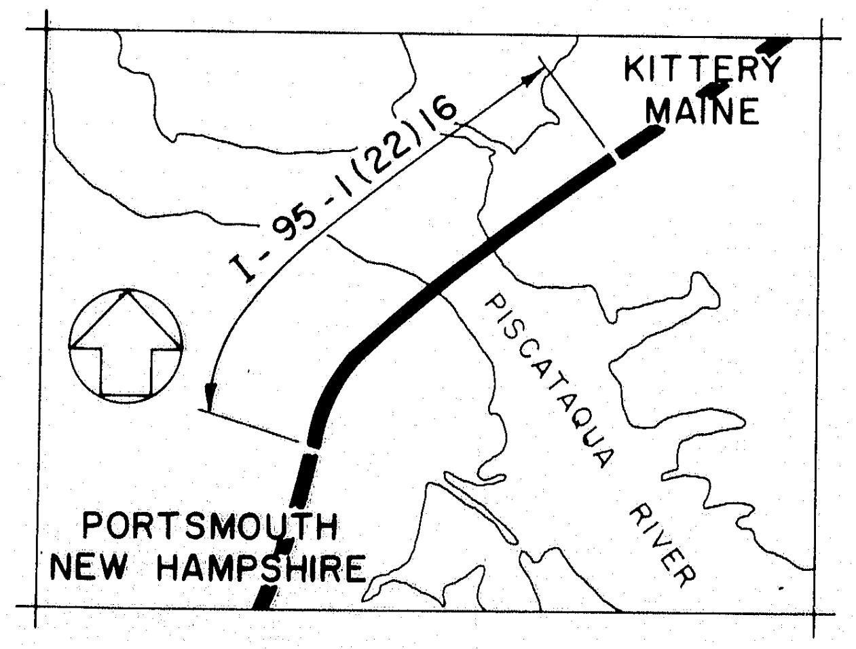
KEY PLAN

SCALE: 1"=400'

LIST OF DRAWINGS

SHEET	TITLE
1	COVER SHEET
2	QUANTITY SUMMARY
3	GENERAL NOTES
4	PROJECT PLAN AND ELEVATION
5 - 8	GENERAL PLAN AND ELEVATION
9 - 11	NEW HAMPSHIRE DRAINAGE
12 - 13	ABUTMENT LAYOUT DETAILS
14 - 15	SOUTH ABUTMENT
16	SUBSTRUCTURE DRAINAGE
17 - 34	PIERS 18S - 1S
35	SOUTH ANCHOR PIER
36	SOUTH MAIN PIER
37 - 38	NORTH MAIN PIER
39	NORTH ANCHOR PIER
40 - 52	PIERS 1N - 13N
53	NORTH ABUTMENT
54	FIELD OFFICE
55 - 59	NEW HAMPSHIRE APPROACH - BAR LIST
60	RIVER BRIDGE - BAR LIST
61 - 64	MAINE APPROACH - BAR LIST
65 - 67	NEW HAMPSHIRE APPROACH - BORING LOGS
68 - 69	RIVER BRIDGE - BORING LOGS
70 - 71	MAINE APPROACH - BORING LOGS
72 - 75	STANDARD DETAILS CATCH BASINS AND MANHOLES ① DEC., 1966 CURB, DITCHES AND SLOPES AND CATCH BASINS TYPE "E" ③ DEC., 1966 FENCING ⑥ DEC., 1966 BARRICADES, WARNING SIGNS, MONUMENTS, PROJECT MARKERS ⑦ DEC., 1966

NO AS-BUILT DRAWINGS MADE (sheets 54 - 75)



LOCATION MAP

SCALE: 1"=2000'

APPROVED
NEW HAMPSHIRE DEPARTMENT OF
PUBLIC WORKS AND HIGHWAYS

COMMISSIONER

ASST. CHIEF ENGINEER

DATE

APPROVED
MAINE STATE HIGHWAY COMMISSION

CHAIRMAN

CHIEF ENGINEER

DATE

AS BUILT
R.W. Christie 2/5/73

PREPARED BY

HARDESTY & HANOVER
CONSULTING ENGINEERS
NEW YORK, NEW YORK

John J. Fiala
MARCH 14, 1968.
DATE

DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
BUREAU OF PUBLIC ROADS
REGION 1

APPROVED

DIVISION ENGINEER DATE

128-139

B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
I	MAINE	I-95-1(22)16	1	75

NEW HAMPSHIRE DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
MAINE STATE HIGHWAY COMMISSION

PISCATAQUA RIVER BRIDGE
INTERSTATE ROUTE 95
PROJECT NO. I-95-1 (22) 16

PORTSMOUTH, NEW HAMPSHIRE
COUNTY OF ROCKINGHAM
TO
KITTERY, MAINE
COUNTY OF YORK

LENGTH OF PROJECT 0.853 MILES
CONTRACT NO. 1 - ENTIRE SUBSTRUCTURE

	CONTRACT	STATION TO STATION	MILES
NEW HAMPSHIRE APPROACH	1A	524+23.25 - 541+60.00	0.329
RIVER BRIDGE	1B	541+60.00 - 556+55.00	0.283
MAINE APPROACH	1C	556+55.00 - 569+26.75	0.241
ENTIRE SUBSTRUCTURE	1	524+23.25 - 569+26.75	0.853

SPECIFICATIONS

1. MAINE STATE HIGHWAY COMMISSION. REVISION OF JUNE, 1965
2. SPECIAL PROVISIONS.
3. SUPPLEMENTAL SPECIFICATIONS.

TRAFFIC

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DHV	6,560
T	1 %
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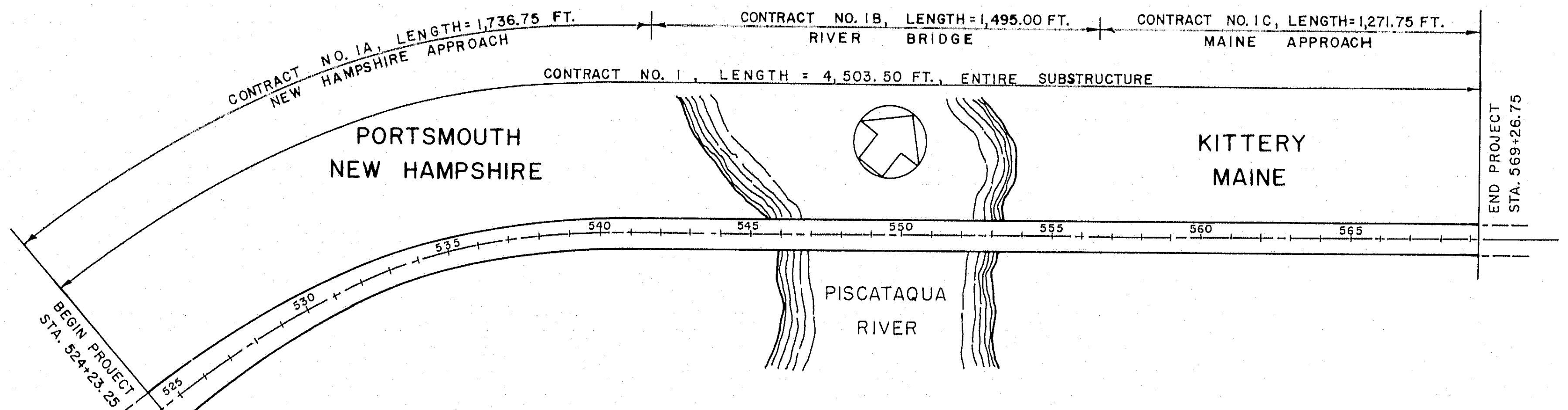

KEY PLAN

SCALE: 1"=400'

LIST OF DRAWINGS

SHEET	TITLE
1	COVER SHEET
2	QUANTITY SUMMARY
3	GENERAL NOTES
4	PROJECT PLAN AND ELEVATION
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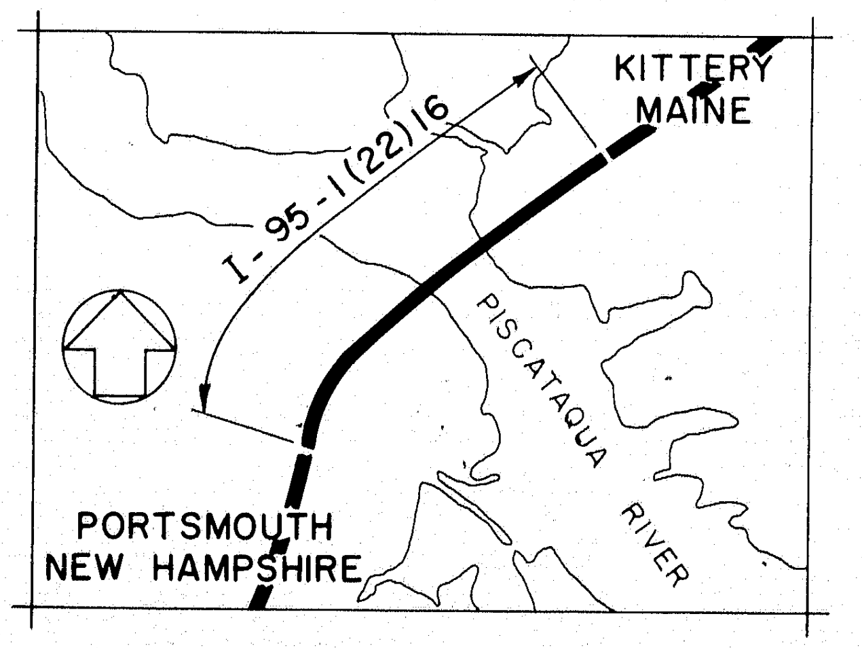
17 - 34	PIERS 18S - 1S
35	SOUTH ANCHOR PIER
36	SOUTH MAIN PIER
37 - 38	NORTH MAIN PIER
39	NORTH ANCHOR PIER
40 - 52	PIERS 1N - 13N
53	NORTH ABUTMENT
54	FIELD OFFICE
55 - 59	NEW HAMPSHIRE APPROACH - BAR LIST
60	RIVER BRIDGE - BAR LIST
61 - 64	MAINE APPROACH - BAR LIST
65 - 67	NEW HAMPSHIRE APPROACH - BORING LOGS
68 - 69	RIVER BRIDGE - BORING LOGS
70 - 71	MAINE APPROACH - BORING LOGS
72 - 75	STANDARD DETAILS CATCH BASINS AND MANHOLES ① DEC., 1966 CURB, DITCHES AND SLOPES AND CATCH BASINS TYPE "E" ③ DEC., 1966 FENCING ⑥ DEC., 1966 BARRICADES, WARNING SIGNS, MONUMENTS, PROJECT MARKERS ⑦ DEC., 1966



LOCATION MAP

SCALE: 1"=2000'

APPROVED
NEW HAMPSHIRE DEPARTMENT OF
PUBLIC WORKS AND HIGHWAYS

John O. Morton
COMMISSIONER

ASST. CHIEF ENGINEER

March 18 1968
DATE

APPROVED
MAINE STATE HIGHWAY COMMISSION

CHAIRMAN

Steven D. Shaw

Sylvester L. Poor
CHIEF ENGINEER

MARCH 20, 1968
DATE

SYLVESTER L. POOR
187

PREPARED BY

HARDESTY & HANOVER
CONSULTING ENGINEERS
NEW YORK, NEW YORK

John J. Fiala

MARCH 14, 1968.
DATE

DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
BUREAU OF PUBLIC ROADS
REGION I

APPROVED

DIVISION ENGINEER DATE

128-140

B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	I—95—1 (22)16	2	75

			CONTRACT 1A		CONTRACT 1B		CONTRACT 1C		CONTRACT 1	
ITEM NO.	DESCRIPTION	UNIT	NEW HAMPSHIRE APPROACH		RIVER BRIDGE		MAINE APPROACH		TOTAL	
			ESTIMATED	AS BUILT	ESTIMATED	AS BUILT	ESTIMATED	AS BUILT	ESTIMATED	AS BUILT
201.11	CLEARING	ACRE	2.0	9.547	3.9	3.214	9.0	9.270	14.9	22.031
201.12	SELECTIVE CLEARING & THINNING	ACRE	8.5	0	2.9	1.192	5.4	5.539	16.8	6.731
202.08	REMOVAL OF BUILDINGS (SEE TABLE)	L.S.								
203.20	COMMON EXCAVATION	C.Y.	62	503					62	503
203.24	COMMON BORROW	C.Y.	21,000	20,202			125,000	123,941	146,000	144,143
203.25	GRANULAR BORROW	C.Y.	14	261					14	261
206.06	STRUCTURAL EARTH EXCAVATION—DRAINAGE & MINOR STRUCTURES	C.Y.	3,536	2,432					3,536	2,432
206.07	STRUCTURAL ROCK EXCAVATION—DRAINAGE & MINOR STRUCTURES	C.Y.	55	690.7					55	690.7
206.08	STRUCTURAL EARTH EXCAVATION—ABUTMENTS & RETAINING WALLS	C.Y.	300	0			250	0	550	0
206.10	STRUCTURAL EARTH EXCAVATION—PIERS	C.Y.	9,740	11,241	720	666	3,303	2,444	13,763	14,351
206.111	STRUCTURAL ROCK EXCAVATION—PIERS	C.Y.	1,615	4,583.5	5,200	6.426	2,071	4,325.2	8,886	15,334.7
206.112	STRUCTURAL ROCK EXCAVATION—PIERS—WET	C.Y.			1,840	2,044			1,840	2,044
450.06	TEMPORARY ROAD	S.Y.	2,320	2,404					2,320	2,404
501.21	STEEL H BEAM PILES, 57 LBS./FT.	L.F.	1,580	1,794.5			2,300	1,796	3,880	3,590.5
502.21	STRUCTURAL CONCRETE, ABUTMENTS & RETAINING WALLS	C.Y.	425	424.1			324	320.2	749	744.3
502.23	STRUCTURAL CONCRETE, PIERS	C.Y.	10,016	11,935.2	9,800	10,420	7,700	8,608	27,516	30,963.2
502.24	STRUCTURAL CONCRETE, PIERS (PLACED UNDER WATER)	C.Y.		2	3,800	3,368.9			3,800	3,370.9
503.121	REINFORCING STEEL, FABRICATED & DELIVERED	LBS.	2,316,000	2,312,199	1,521,000	1,702,091	1,367,000	1,410,393	5,204,000	5,424,683
503.131	REINFORCING STEEL, PLACING	LBS.	2,316,000	2,312,199	1,521,000	1,702,091	1,367,000	1,410,393	5,204,000	5,424,683
511.071	COFFERDAM, SOUTH MAIN PIER	L.S.			1	0			1	0
511.072	COFFERDAM, NORTH MAIN PIER	L.S.			1	1			1	1
512.06	FRENCH DRAINS	C.Y.	107	97.5			82	73	189	170.5
515.06	EPOXY RESIN SURFACE SEALANT	S.Y.	1,431	1,383	488	494.3	984	947	2,903	2,824.3
516.06	WATER REPELLENT	GAL.	2	0	85	0	2	0	89	0
525.06	GRANITE PIER FACING	S.F.			6,400	6,144			6,400	6,144
603.155	12-INCH R.C.P., CLASS III	L.F.	88	72					88	72
603.165	15-INCH R.C.P., CLASS III	L.F.	605	643					605	643
603.175	18-INCH R.C.P., CLASS III	L.F.	185	186					185	186
603.195	24-INCH R.C.P., CLASS III	L.F.	389	613					389	613
603.205	30-INCH R.C.P., CLASS III	L.F.	608	603					608	603
603.83	REMOVE & RELAY 6-INCH C.I.P.	L.F.	500	387					500	387
603.84	6-INCH WROUGHT IRON PIPE	L.F.	850	411			50	0	900	411
603.85	8-INCH WROUGHT IRON PIPE	L.F.	1,150	1,181			10	0	1,160	1,181
603.86	6-INCH CAST IRON PIPE	L.F.	100	0					100	0
603.87	8-INCH CAST IRON PIPE	L.F.	220	219					220	219
604.15	MANHOLES	EA.	9	10					9	10
607.171	CHAIN LINK FENCE—8 FT., WITH SECURITY APRON	L.F.	510	523.5					510	523.5
607.211	BRACING ASSEMBLIES—CHAIN LINK FENCE—8 FT. WITH SECURITY APRON	EA.	4	4					4	4
610.071	HEAVY STONE FILL	TON			8,500	5,841.5			8,500	5,841.5*
610.09	HAND LAID RIPRAP	C.Y.	4	10.5					4	10.5
617.091	EROSION CONTROL MESH (STANDARD)	S.Y.	334	299					334	299
632.08	WARNING LIGHTS	GROUP					3	2	3	2
633.09	PORTABLE BARRICADES	EACH	4	4					4	4
634.201	2-INCH WROUGHT IRON CONDUIT	L.F.	19	20	116	115	19	19	154	154
639.17	FIELD OFFICES	L.S.			1	1			1	1

*Does not include 1773 cubic yards placed under Change Orders #30 & #48.

BREAKDOWN – ITEM 202

CONTRACT	ITEM NO.	APPROXIMATE LOCATION		TYPE	REMARKS
		STATION	OFFSET		
1A	202.081	531+90	15'R	UTILITY BUILDING	BLDG. #1 REMOVE
	202.0812	530+00	60'L	WATER TOWER	DISMANTLE AND DELIVER TO CITY OF PORTSMOUTH
1C	202.082	554+73	170'R	HOUSE	BLDG. #2 REMOVE
	202.083	555+63	218'L	HOUSE	BLDG. #3 REMOVE
	202.084	557+06	15'R	SHED	BLDG. #4 REMOVE
	~~202.085~~	~~557+29~~	~~198'L~~	~~UTILITY BUILDING~~	~~BLDG. #5 REMOVE~~
	202.086	558+13	185'R	HOUSE	BLDG. #6 REMOVE
	202.087	559+31	210'R	HOUSE	BLDG. #7 REMOVE
	202.088	563+57	125'R	LODGE	BLDG. #8 REMOVE
	~~202.089~~	~~564+89~~	~~20'L~~	~~HOUSE~~	~~BLDG. #9 REMOVE~~
	202.0810	566+41	215'R	BUILDING	BLDG #10 REMOVE
	202.0811	567+72	161'R	SHED	BLDG #11 REMOVE

AS BUILT
R. W. Christie 2/5/73

DESIGN —
TRACE —
CHECK —

BRIDGE NO.
IN CHARGE OF — R. W. Christie

HARDESTY & HANOVER
CONSULTING ENGINEERS
NEW YORK, N. Y.

NEW HAMPSHIRE
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
AND
MAINE STATE HIGHWAY COMMISSION
INTERSTATE 95 BRIDGE
OVER
PISCATAQUA RIVER
BETWEEN
PORTSMOUTH, NEW HAMPSHIRE AND KITTERY, MAINE

QUANTITY SUMMARY

SHEET 2 OF 75

128-141

B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	1-95-1(22)16	3	75

SPECIFICATIONS

THE FOLLOWING SPECIFICATIONS GOVERN THE DESIGN AND CONSTRUCTION OF THIS PROJECT:

DESIGN
  AMERICAN ASSOCIATION OF STATE HIGHWAY OFFICIALS, NINTH EDITION, 1965
  STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES

  AMERICAN WELDING SOCIETY
  SPECIFICATIONS FOR WELDED HIGHWAY AND RAILWAY BRIDGES AWS D2.0-66 AND SUPPLEMENTS
  RECOMMENDED PRACTICE FOR WELDING REINFORCING STEEL, METAL INSERTS AND CONNECTIONS IN REINFORCED CONCRETE CONSTRUCTION AWS D12.1-61

CONSTRUCTION
  STATE OF MAINE, STATE HIGHWAY COMMISSION
    STANDARD SPECIFICATIONS - HIGHWAYS AND BRIDGES
      REVISION OF JUNE 1965
    SUPPLEMENTAL SPECIFICATIONS
    SPECIAL PROVISIONS FOR THE PROJECT

DESIGN CRITERIA

DESIGN SPEED = 70 MPH
MINIMUM STOPPING SIGHT DISTANCE = 600 FEET
VERTICAL NAVIGATION CLEARANCE ABOVE MEAN HIGH WATER 135'-0"
LIVE LOAD
  CASE I AASHO HS-20-44 WITH ALLOWABLE UNIT STRESSES DETERMINED BY THE CRITERIA FOR FATIGUE
  CASE II AASHO HS-20-44 INCREASED BY 100% WITH ALLOWABLE UNIT STRESSES OF 150% OF BASIC STRESSES
  CASE III MILITARY TANDEM AXLE LOAD OF TWO 24,000 POUND AXLES SPACED 4'-0" APART WITH ALLOWABLE UNIT STRESSES EQUAL TO BASIC STRESSES
WIND LOAD
  GIRDER SPANS 50 POUNDS PER SQUARE FOOT ON THE PROJECTED AREA OF THE SUPERSTRUCTURE
  TRUSS SPANS 75 POUNDS PER SQUARE FOOT ON THE PROJECTED AREA OF THE WINDWARD FACE OF THE STRUCTURE PLUS 25 POUNDS PER SQUARE FOOT ON THE EXPOSED AREA OF THE LEE TRUSS

DIMENSIONS

ALL DIMENSIONS SHOWN IN PLAN VIEWS ARE HORIZONTAL AND AT A TEMPERATURE OF 60°F.

CONCRETE

STRUCTURAL CONCRETE FOR THE VARIOUS PARTS OF THE WORK SHALL BE AS FOLLOWS:

USE	CLASS	CEMENT CONTENT SACKS/CU. YD.	AGGREGATE
ABUTMENTS	A	6.25	CRUSHED STONE OR CRUSHED GRAVEL
PIER CAPS, COLUMNS, SHAFTS AND FOOTINGS	A	6.25	CRUSHED STONE OR CRUSHED GRAVEL
TREMIE CONCRETE	S	6.75	UNCRUSHED GRAVEL

ALL CONCRETE SHALL BE AIR-ENTRAINED EXCEPT TREMIE CONCRETE.

CLASS A CONCRETE SHALL HAVE AN EXPECTED 28 DAY COMPRESSIVE STRENGTH OF 3500 PSI.

REINFORCING STEEL

REINFORCING STEEL IN THE PIERS SHALL CONFORM TO THE FOLLOWING ASTM SPECIFICATIONS:

BAR SIZE 2-11	A15, INTERMEDIATE GRADE BILLET STEEL
BAR SIZE 14S IN APPROACH PIER CAPS AND COLUMNS	A408, INTERMEDIATE GRADE BILLET STEEL
BAR SIZES 14S AND 18S IN RIVER BRIDGE PIER COLUMNS AND RIVER PIER SHAFT	A431 HIGH STRENGTH BILLET STEEL, 75,000 PSI YIELD POINT

BAR LISTS ARE SET UP SO THAT EACH STRUCTURE IN THE CONTRACT HAS ITS OWN COMBINATION OF LETTERS AND NUMBERS.

BAR SIZES ARE IDENTIFIED BY THE FIRST TWO DIGITS OF A FOUR DIGIT BAR MARK OR THE FIRST DIGIT OF A THREE DIGIT BAR MARK.

THE LAST TWO DIGITS IN CONJUNCTION WITH THE LETTER PREFIX INDICATES THE BAR NUMBER WITHIN A GIVEN BAR SIZE GROUP AND THE STRUCTURE IN WHICH IT BELONGS. NEW HAMPSHIRE STRUCTURES HAVE BAR NUMBERS FROM 00 TO 49 AND MAINE STRUCTURES HAVE BAR NUMBERS FROM 50-99. LETTER PREFIXES DESIGNATE THE EXACT STRUCTURE IN WHICH THE BAR BELONGS.

ALL DIMENSIONS IN THE BAR LISTS ARE OUT TO OUT DIMENSIONS.

DESIGN STRESSES

BASIC DESIGN STRESSES ARE AS FOLLOWS:

CLASS A CONCRETE
  $F_c = 1200$ PSI

REINFORCING STEEL
  INTERMEDIATE GRADE
    $F_s = 20,000$ PSI

  HIGH STRENGTH GRADE
    $F_s = 35,000$ PSI

REINFORCING STEEL SPLICES

REINFORCING BAR SIZES 2 THROUGH 11 SHALL BE SPLICED BY LAPPING AT LEAST 30 DIAMETERS.

REINFORCING BAR SIZES 14S AND 18S SHALL BE SPLICED BY BUTT WELDING OR BY USE OF AN APPROVED POSITIVE CONNECTION DEVELOPING AT LEAST 125% OF THE SPECIFIED YIELD STRENGTH OF THE BAR.

REINFORCING BAR SPLICES IN ADDITION TO THOSE SHOWN ON THE PLANS MAY BE USED IF APPROVED BY THE ENGINEER.

REINFORCING BAR SPLICES SHOWN ON THE PLANS MAY BE OMITTED AND FULL LENGTH BARS USED.

APPROACH PIERS

BEARING PAD ELEVATIONS ARE FINAL MASONRY ELEVATIONS AT BOTTOM OF LEAD PLATES.

BEARING PADS ARE TO BE POURED MONOLITHICALLY WITH CAP, 1/2" HIGH, AND BUSH-HAMMERED AND GROUND LEVEL TO FINAL ELEVATION.

CHAMFER ALL EXPOSED EDGES 1 1/2".

TOP LONGITUDINAL CAP REINFORCEMENT MAY BE MOVED TO FACILITATE CONCRETING, BUT MUST BE SECURELY TIED BEFORE BEING COVERED WITH CONCRETE. CAP REINFORCEMENT SHALL BE ACCURATELY LOCATED WITH A TEMPLATE TO INSURE CLEARANCE FOR ANCHOR BOLTS WHICH WILL BE DRILLED IN BY OTHERS.

HORIZONTAL V-GROOVES IN THE COLUMNS SHALL BE PLACED EVERY EIGHT FEET STARTING AT THE CONSTRUCTION JOINT AT THE TOP OF EACH COLUMN. PLYWOOD FORM PANELS SHALL BE PLACED VERTICALLY SO THAT ALL HORIZONTAL BUTT JOINTS IN FORMS ARE HIDDEN BY THE V-GROOVES.

FORM TIES SHALL BE LOCATED IN HORIZONTAL ROWS AT THE V-GROOVES AND MIDWAY BETWEEN THE V-GROOVES ONLY.

CONSTRUCTION JOINTS SHALL BE LOCATED AT V-GROOVES ONLY & SHALL HAVE KEYS SIMILAR TO THOSE SHOWN ON THE PLANS.

RIVER BRIDGE PIERS

PAD ELEVATIONS ARE FINAL MASONRY ELEVATIONS AT THE BOTTOM OF THE LEAD PLATES.

BEARING AREAS ARE TO BE POURED MONOLITHICALLY WITH THE COLUMNS, 1/2" HIGH, AND BUSH HAMMERED AND GROUND LEVEL TO FINAL ELEVATION.

CHAMFER EXPOSED VERTICAL CORNERS 3" AND HORIZONTAL CORNERS 3/4".

HORIZONTAL V-GROOVES IN THE COLUMNS SHALL BE PLACED EVERY SIXTEEN FEET MEASURED FROM THE TOP OF THE COLUMNS. PLYWOOD FORM PANELS SHALL BE PLACED VERTICALLY SO THAT EVERY OTHER END BUTT JOINT IN THE FORM WORK IS HIDDEN BY THE V-GROOVES.

FORM TIES SHALL BE LOCATED IN HORIZONTAL ROWS AT THE V-GROOVES AND AT 4'-0" INTERVALS BETWEEN THE V-GROOVES ONLY.

CONSTRUCTION JOINTS SHALL BE LOCATED AT V-GROOVES ONLY.

UTILITIES

ELECTRIC LINES
  PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE (ELECTRIC)

TELEPHONE & TELEGRAPH LINES
  NEW ENGLAND TEL. & TEL. COMPANY
  WESTERN UNION TELEGRAM COMPANY

WATER & SEWAGE LINES
  KITTERY WATER DISTRICT
  CITY OF PORTSMOUTH

RAILROADS
  BOSTON & MAINE CORPORATION

AS BUILT
R. W. Christie 2/5/73

DESIGN —
TRACE — M. Senter
CHECK — R. W. Christie
BRIDGE NO.
IN CHARGE OF — R. W. Christie

NEW HAMPSHIRE
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
AND
MAINE STATE HIGHWAY COMMISSION
INTERSTATE 95 BRIDGE
OVER
PISCATAQUA RIVER
BETWEEN
PORTSMOUTH, NEW HAMPSHIRE AND KITTERY, MAINE

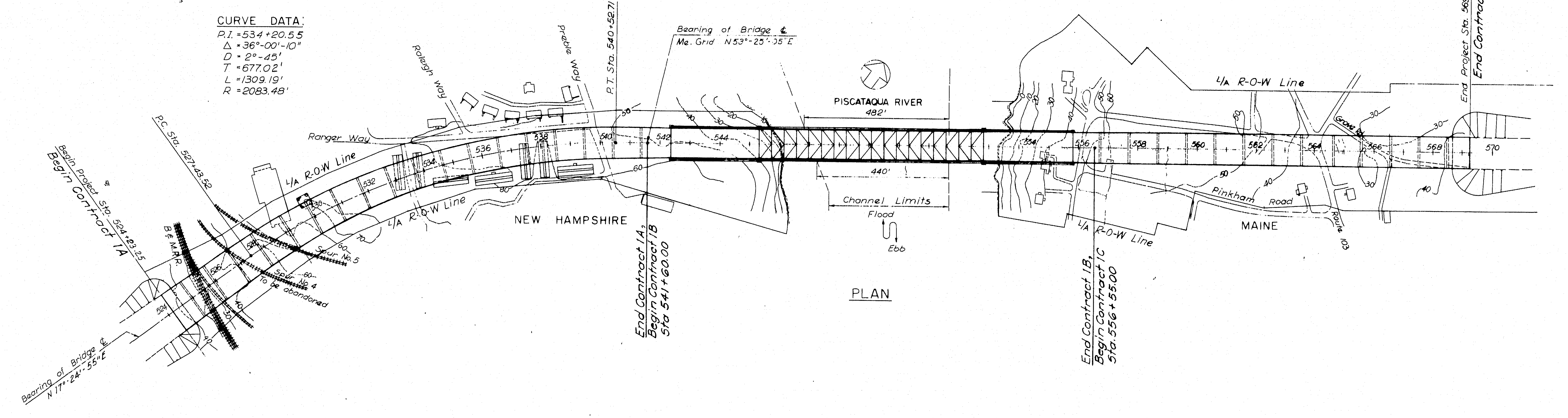
GENERAL NOTES

HARDESTY & HANOVER
CONSULTING ENGINEERS
NEW YORK, N. Y.

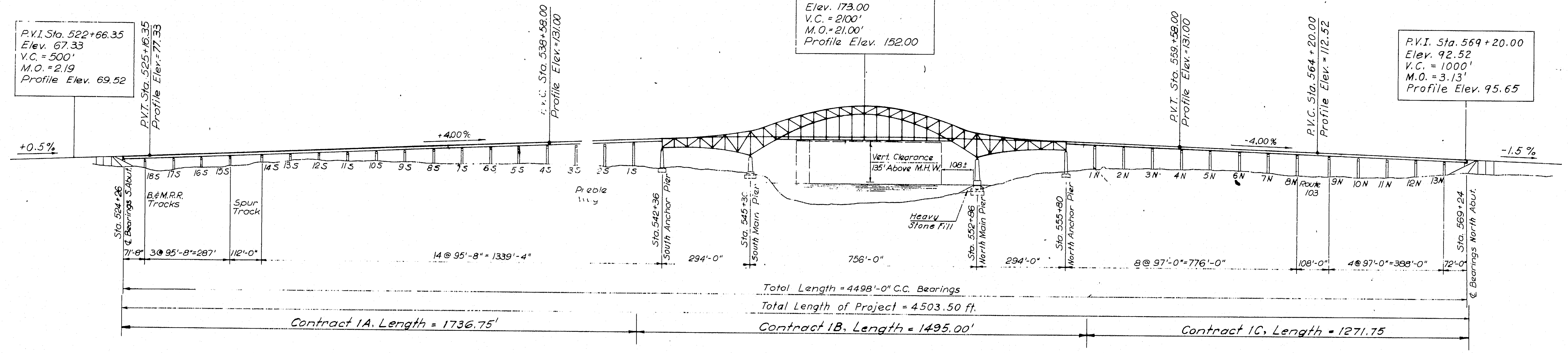
SHEET 3 OF 75

128-142

B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	1-95-1 (22)16	4	75



PLAN



ELEVATION

Scale Hor. & Vert. 1" = 200'

AS BUILT
R.W. Christie 2/5/73

DESIGN —
TRACE — S. Bradford
CHECK — R.W. Christie

BRIDGE NO.
IN CHARGE OF — R.W. Christie

HARDESTY & HANOVER
CONSULTING ENGINEERS
NEW YORK, N. Y.

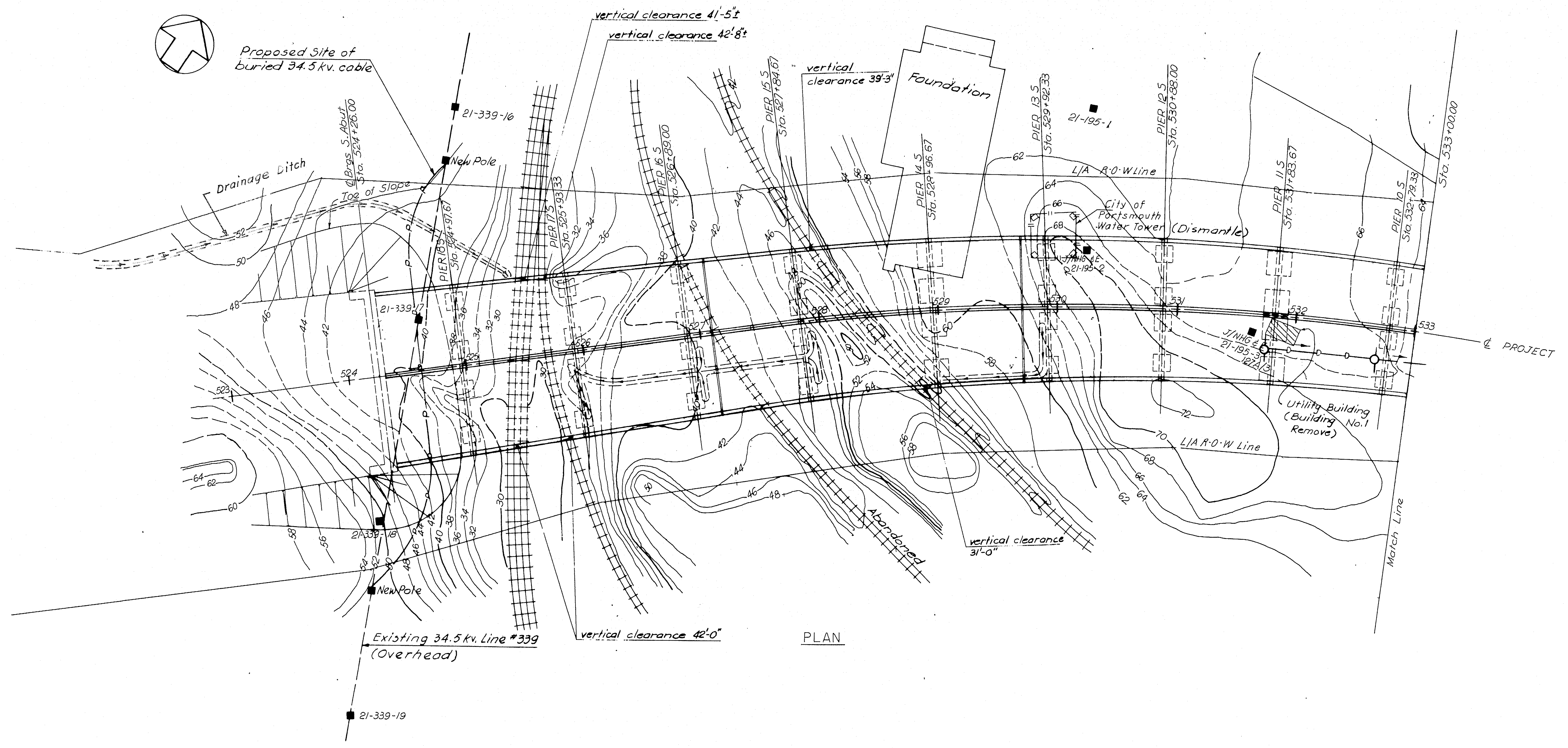
NEW HAMPSHIRE
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
AND
MAINE STATE HIGHWAY COMMISSION
INTERSTATE 95 BRIDGE
OVER
PISCATAQUA RIVER
BETWEEN
PORTSMOUTH, NEW HAMPSHIRE AND KITTERY, MAINE

PROJECT
PLAN AND ELEVATION

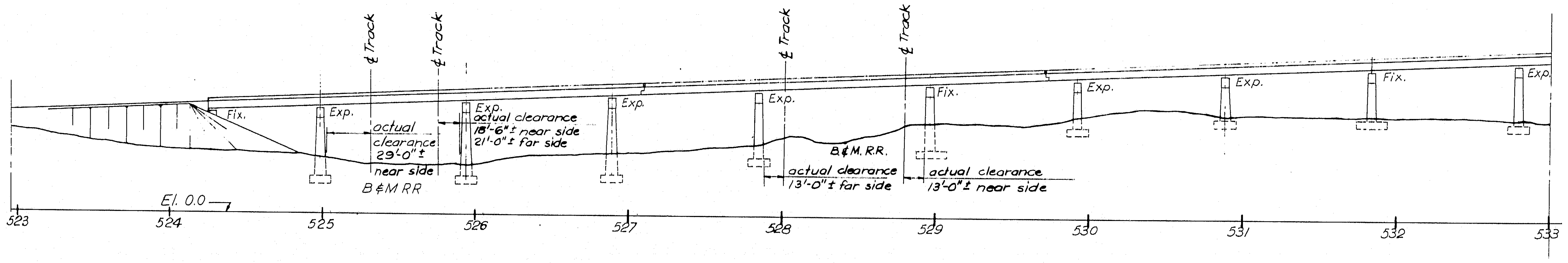
SHEET 4 OF 75

128-143

B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	1—95—1 (22) 16	5	75



PLAN



ELEVATION

Scale Horiz. & Vert.: 1" = 50'

NOTE:

All Utilities located within the construction limits of the Contracts shall be removed and relocated by Others except as otherwise shown.

AS BUILT

DESIGN —
TRACE — S. Bradford
CHECK — H. R. Cattley + R.W. Christie

BRIDGE NO.
IN CHARGE OF — R.W. Christie

NEW HAMPSHIRE
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
AND
MAINE STATE HIGHWAY COMMISSION
INTERSTATE 95 BRIDGE
OVER
PISCATAQUA RIVER
BETWEEN
PORTSMOUTH, NEW HAMPSHIRE AND KITTERY, MAINE

GENERAL PLAN & ELEVATION

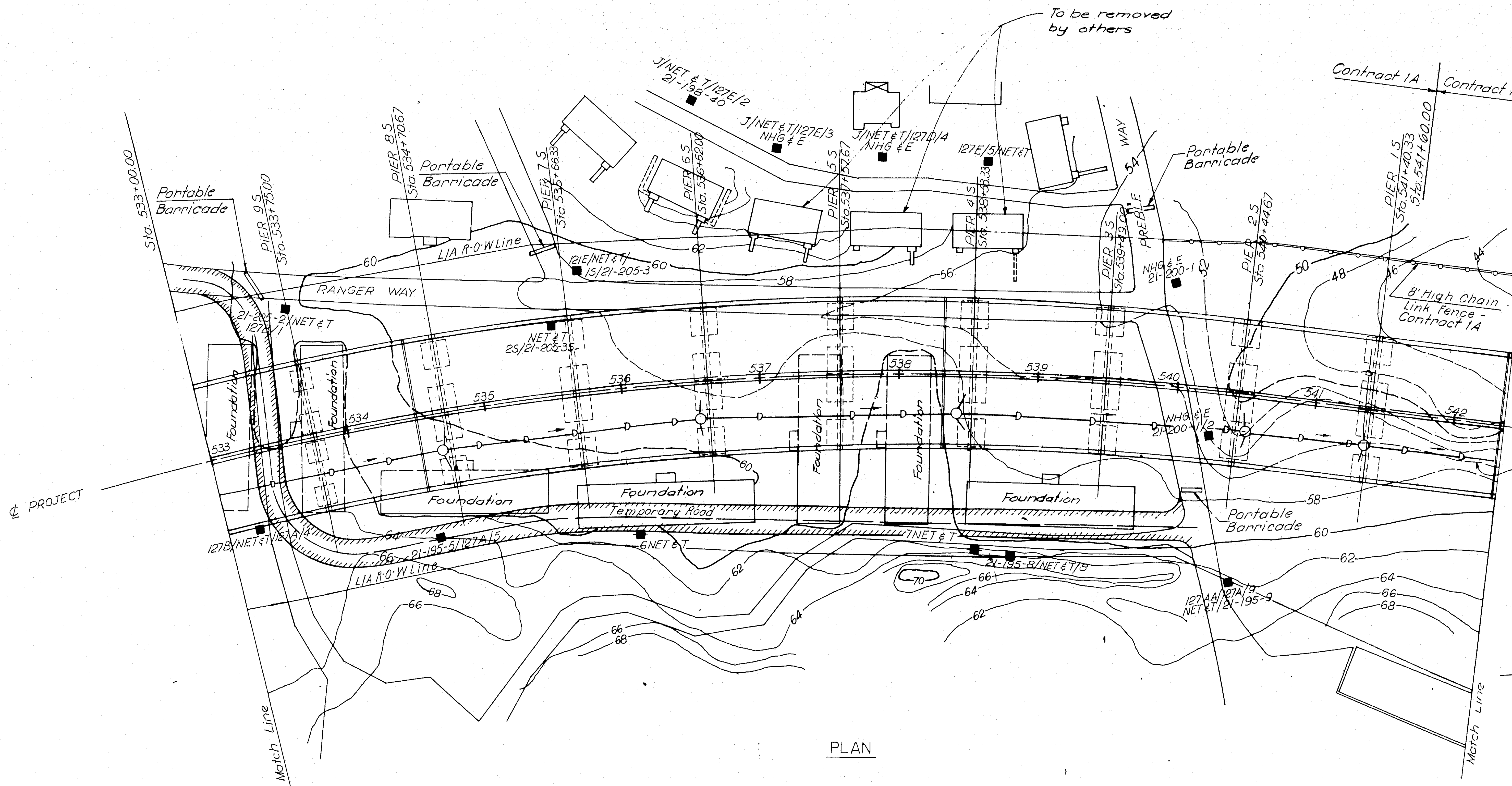
STA. 524+25 - STA. 533+00

SHEET 5 OF 75

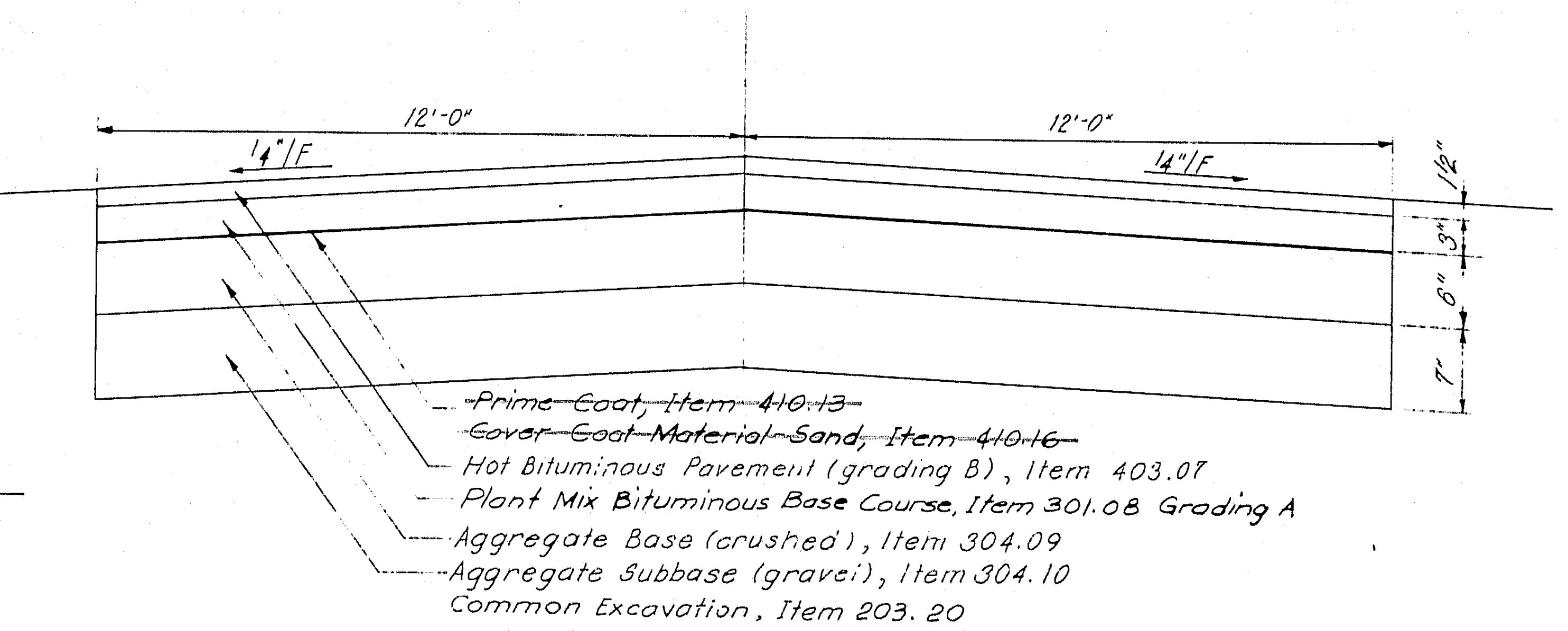
HARDESTY & HANOVER
CONSULTING ENGINEERS
NEW YORK, N. Y.

128-144

B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	1—95—1(22)16	6	75



PLAN



~~Prime Coat, Item 410.13~~
~~Cover Coat Material Sand, Item 410.16~~
Hot Bituminous Pavement (grading B), Item 403.07
Plant Mix Bituminous Base Course, Item 301.08 Grading A
Aggregate Base (crushed), Item 304.09
Aggregate Subbase (gravel), Item 304.10
Common Excavation, Item 203.20

TEMPORARY ROAD, TYPICAL

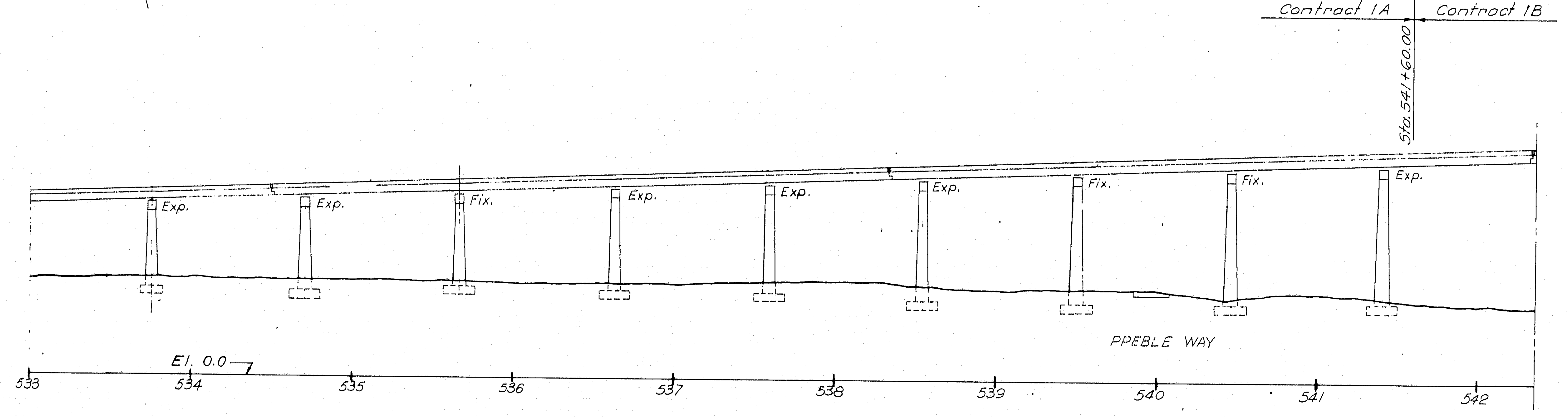
Scale: Vert.: 1" = 1'-0"
Horiz.: 3/8" = 1'-0"

Pay Item

Item 450.06, Temporary Road, 2,320 s.y.

Breakdown of Item 450.06

Item*	Unit	Total
203.20	c.y.	As Req'd
304.09	C.Y.	387
304.10	C.Y.	449
301.08	Ton	1200
403.07	Tons	200
~~410.13~~	~~Gal.~~	~~1200~~
~~410.16~~	~~C.Y.~~	~~25~~



ELEVATION

Scale Horiz. & Vert.: 1" = 50'

AS BUILT
R.W. Christie 2/5/73

HARDESTY & HANOVER
CONSULTING ENGINEERS
NEW YORK, N.Y.

DESIGN —
TRACE — S. Bradford
CHECK — H.R. Cattley + R.W. Christie

BRIDGE NO.
IN CHARGE OF — R.W. Christie

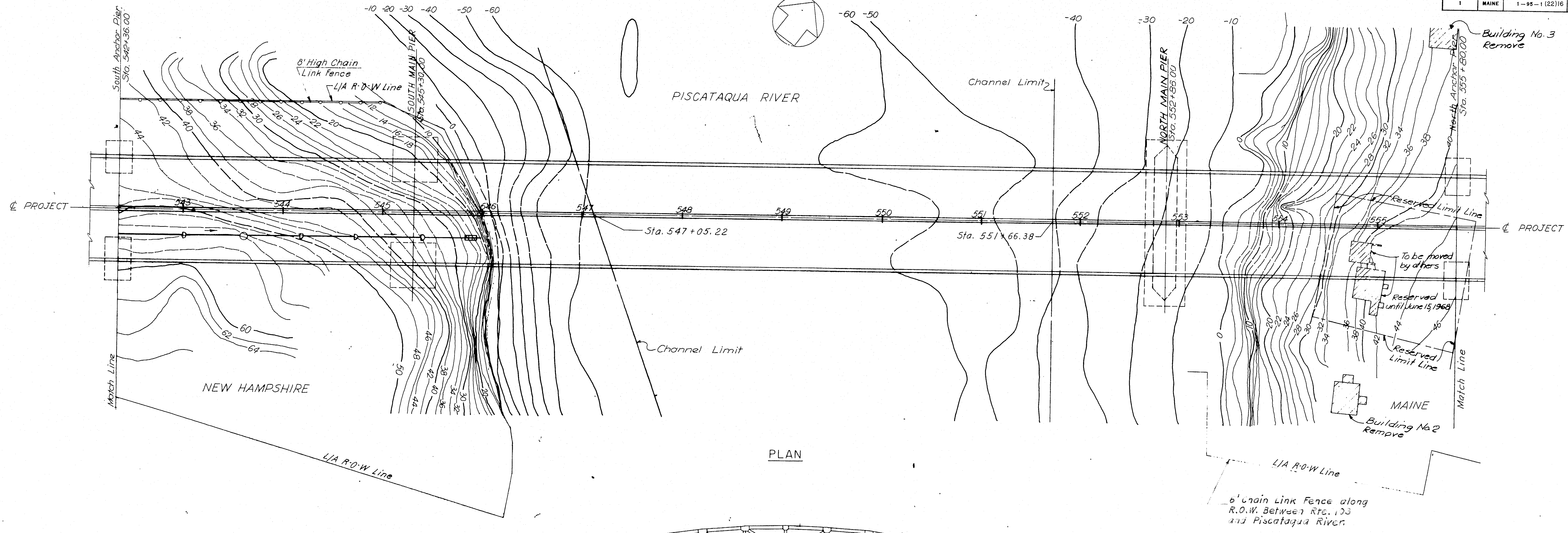
NEW HAMPSHIRE
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
AND
MAINE STATE HIGHWAY COMMISSION
INTERSTATE 95 BRIDGE
OVER
PISCATAQUA RIVER
BETWEEN
PORTSMOUTH, NEW HAMPSHIRE AND KITTERY, MAINE

GENERAL PLAN & ELEVATION
STA. 533+00 - STA. 542+36

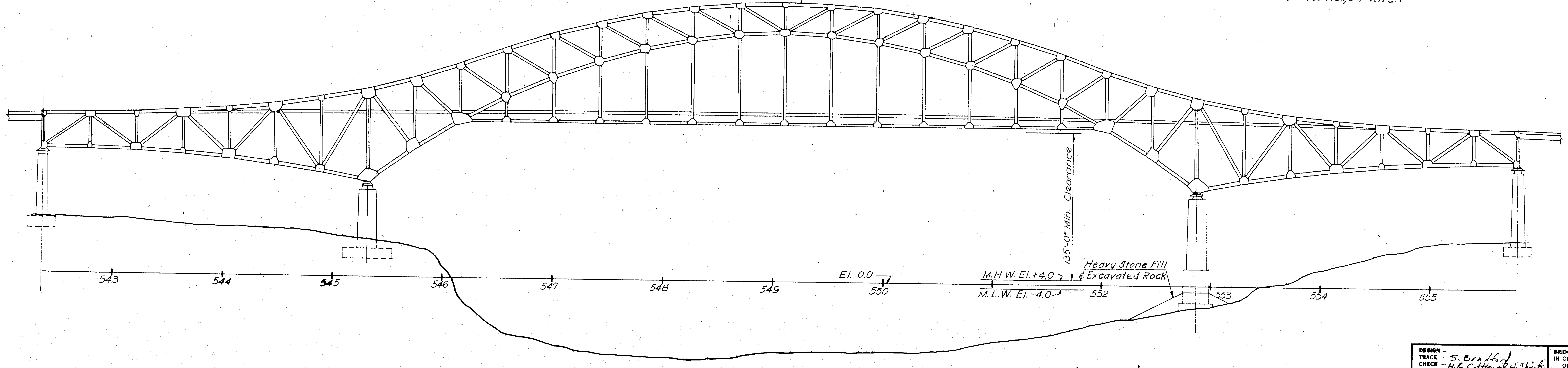
SHEET 6 OF 75

128-145

B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	1—95—1 (22)16	7	75



PLAN



ELEVATION

Scale Horiz. & Vert.: 1" = 50'

AS BUILT

R.W. Christie 2/5/73

HARDESTY & HANOVER
CONSULTING ENGINEERS
NEW YORK, N. Y.

DESIGN —
TRACE — S. Bradford
CHECK — H.R. Cottley & R.W. Christie

BRIDGE NO.
IN CHARGE OF — R.W. Christie

NEW HAMPSHIRE
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
AND
MAINE STATE HIGHWAY COMMISSION

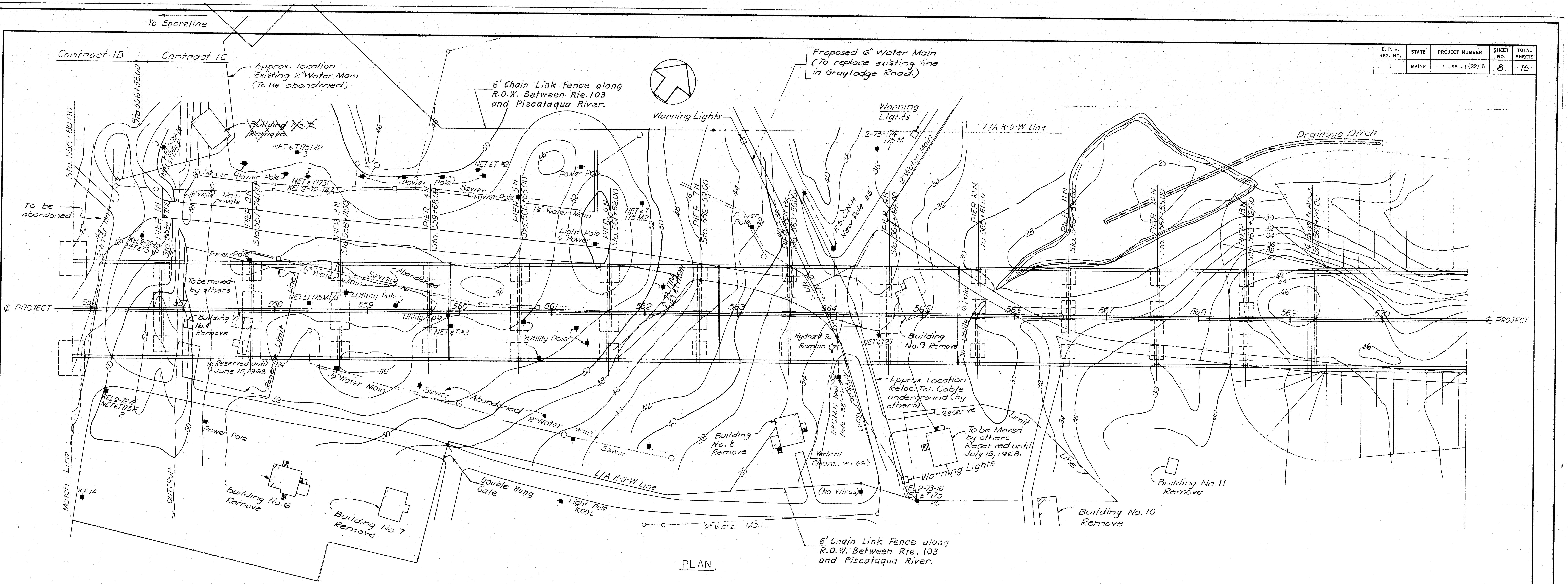
INTERSTATE 95 BRIDGE
OVER
PISCATAQUA RIVER
BETWEEN
PORTSMOUTH, NEW HAMPSHIRE AND KITTERY, MAINE

GENERAL PLAN & ELEVATION
STA. 542+36 - STA. 555+80

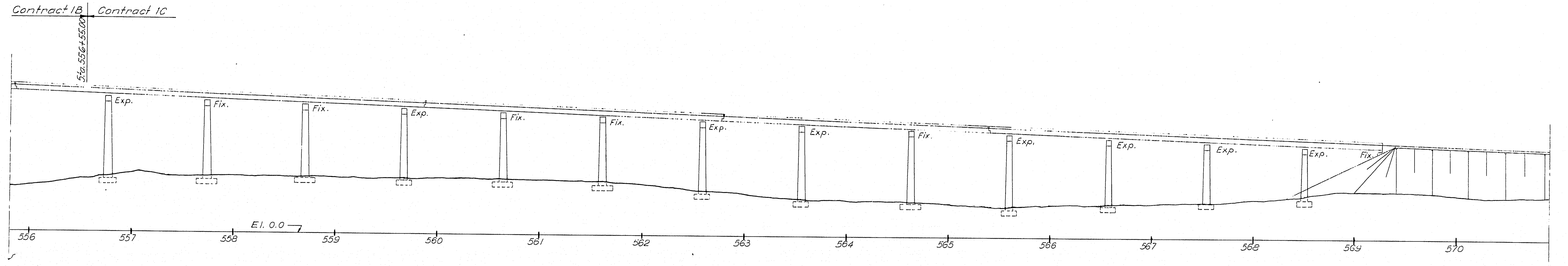
SHEET 7 OF 75

128-146

B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	1-95-1(22)16	8	75



PLAN



ELEVATION

Scale Horiz. & Vert.: 1" = 50'

AS BUILT
R.W. Christie 2/5/73

HARDESTY & HANOVER
CONSULTING ENGINEERS
NEW YORK, N.Y.

DESIGN —
TRACE — J Bradford
CHECK — H.R. Cattley + R.W. Christie

BRIDGE NO.
IN CHARGE OF — R.W. Christie

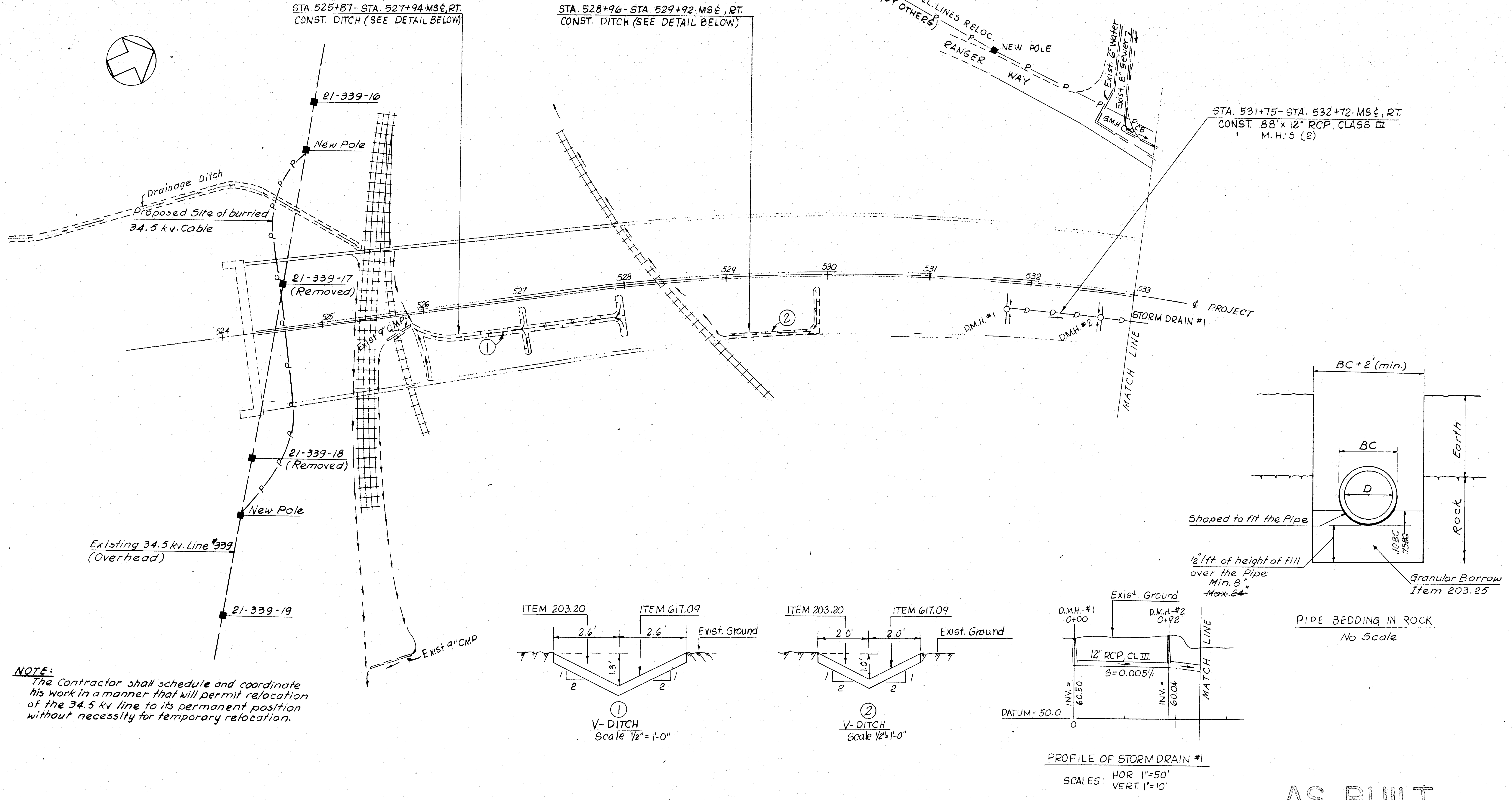
NEW HAMPSHIRE
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
AND
MAINE STATE HIGHWAY COMMISSION
INTERSTATE 95 BRIDGE
OVER
PISCATAQUA RIVER
BETWEEN
PORTSMOUTH, NEW HAMPSHIRE AND KITTERY, MAINE

GENERAL PLAN & ELEVATION
STA. 555+80 - STA. 569+24

SHEET 8 OF 75

128-147

B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	1 — 95 — 1 (22)16	9	75



V-DITCH
Scale ½" = 1'-0"

V-DITCH
Scale ½" = 1'-0"

PROFILE OF STORM DRAIN #1
SCALES: HOR. 1" = 50'
VERT. 1" = 10'

PIPE BEDDING IN ROCK
No Scale

NOTE:
The Contractor shall schedule and coordinate his work in a manner that will permit relocation of the 34.5 kv line to its permanent position without necessity for temporary relocation.

AS BUILT
R.W. Christie 2/5/73

DESIGN — N.H.D.P.W. & H.
TRACE —
CHECK —

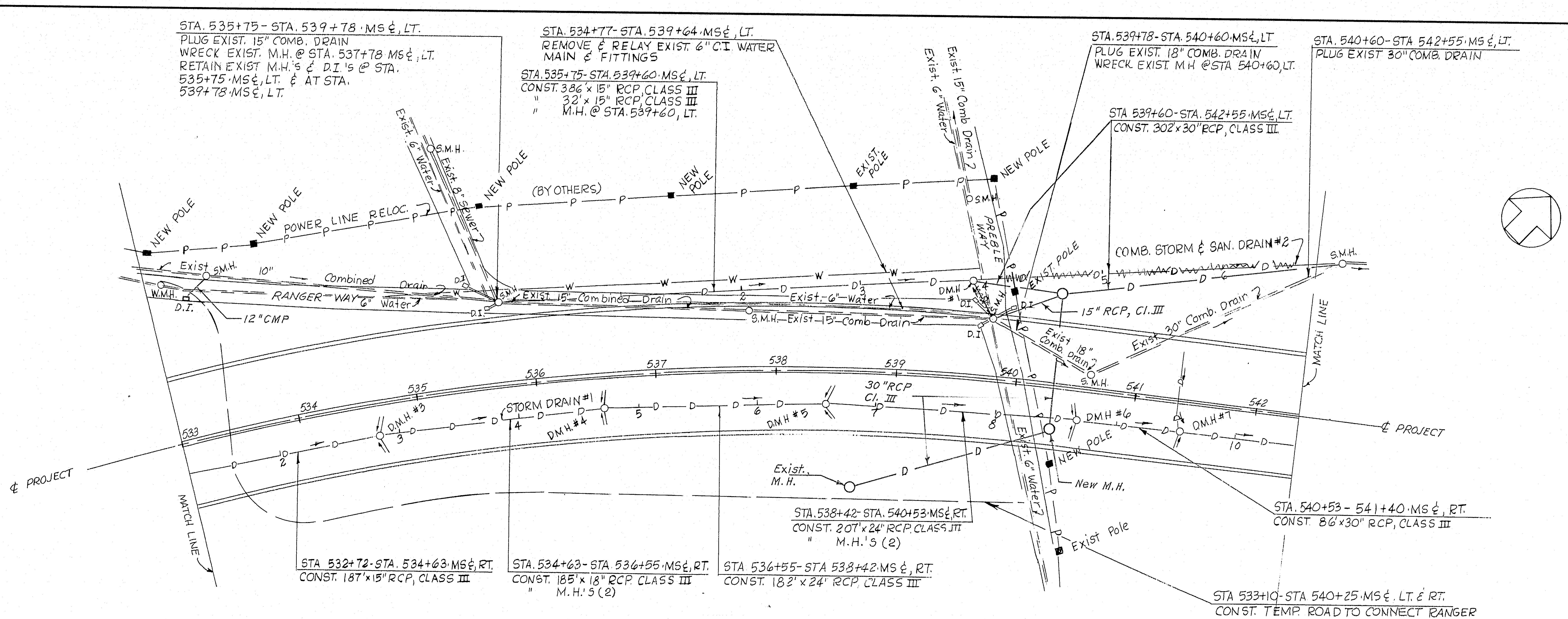
BRIDGE NO.
IN CHARGE OF — R.W. Christie

NEW HAMPSHIRE
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
AND
MAINE STATE HIGHWAY COMMISSION
INTERSTATE 95 BRIDGE
OVER
PISCATAQUA RIVER
BETWEEN
PORTSMOUTH, NEW HAMPSHIRE AND KITTERY, MAINE
NEW HAMPSHIRE APPROACH
DRAINAGE
STA. 524 + 25 TO STA. 533 + 00
SHEET 9 OF 75

HARDESTY & HANOVER
CONSULTING ENGINEERS
NEW YORK, N. Y.

128-148

B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	1 — 95 — 1 (22)16	10	75



STA. 535+75 - STA. 539+78 · MS ¢, LT.
PLUG EXIST. 15" COMB. DRAIN
WRECK EXIST. M.H. @ STA. 537+78 MS ¢, LT.
RETAIN EXIST M.H.'S & D.I.'S @ STA.
535+75 · MS ¢, LT. & AT STA.
539+78 · MS ¢, LT.

STA. 534+77 - STA. 539+64 · MS ¢, LT.
REMOVE & RELAY EXIST. 6" C.I. WATER
MAIN & FITTINGS

STA. 535+75 - STA. 539+60 · MS ¢, LT.
CONST. 386' x 15" RCP, CLASS III
" 32' x 15" RCP, CLASS III
" M.H. @ STA. 539+60, LT.

STA. 539+78 - STA. 540+60 · MS ¢, LT.
PLUG EXIST. 18" COMB. DRAIN
WRECK EXIST. M.H @ STA 540+60, LT.

STA. 540+60 - STA 542+55 · MS ¢, LT.
PLUG EXIST 30" COMB. DRAIN

STA 539+60 - STA. 542+55 · MS ¢, LT.
CONST. 302' x 30" RCP, CLASS III.

STA. 538+42 - STA. 540+53 · MS ¢, RT.
CONST. 207' x 24" RCP, CLASS III
" M.H.'S (2)

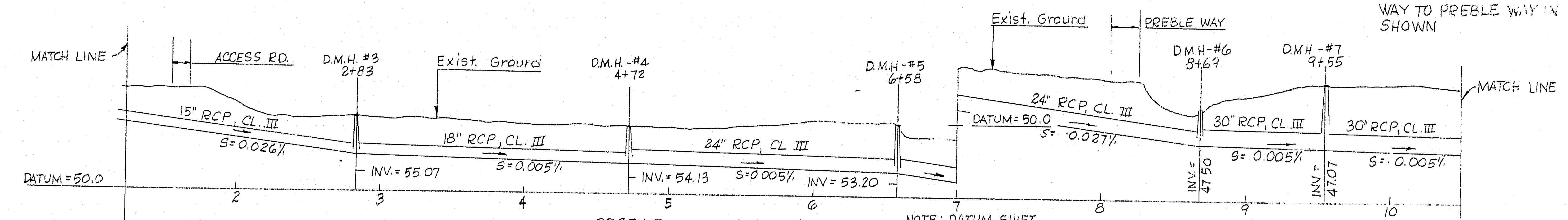
STA. 540+53 - 541+40 · MS ¢, RT.
CONST. 86' x 30" RCP, CLASS III

STA 532+72 - STA. 534+63 · MS ¢, RT.
CONST. 187' x 15" RCP, CLASS III

STA. 534+63 - STA 536+55 · MS ¢, RT.
CONST. 185' x 18" RCP CLASS III
" M.H.'S (2)

STA 536+55 - STA 538+42 · MS ¢, RT.
CONST. 182' x 24" RCP, CLASS III

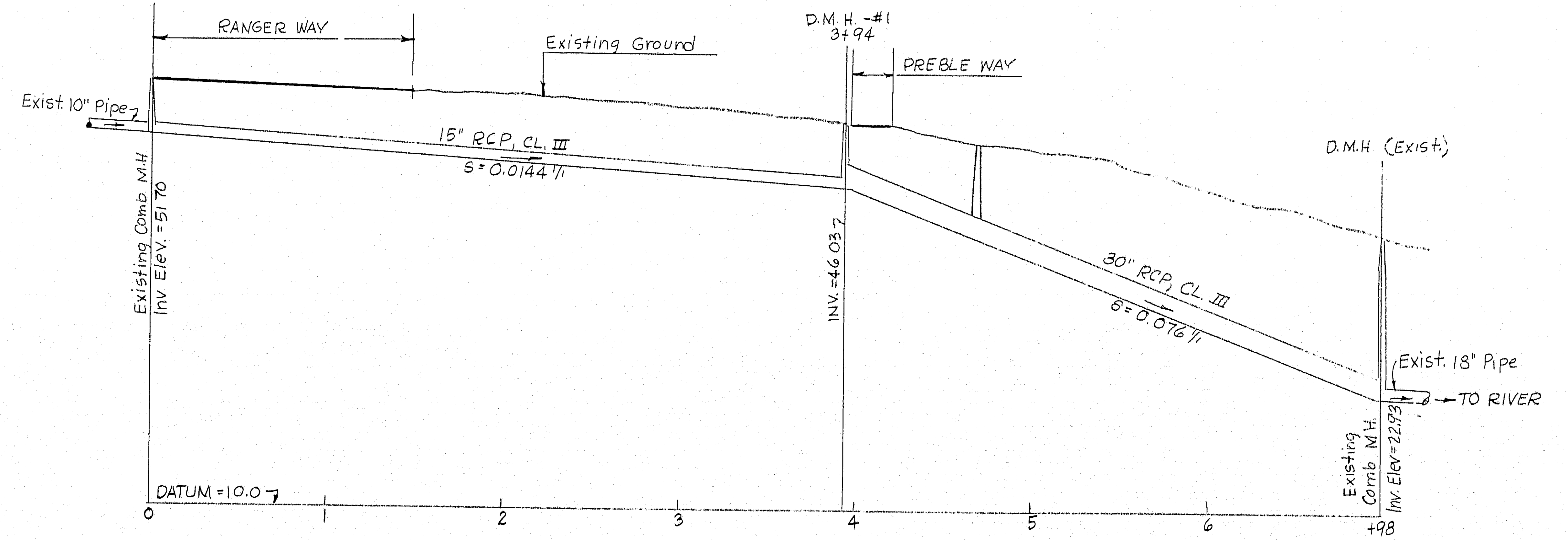
STA 533+10 - STA 540+25 · MS ¢. LT. & RT.
CONST. TEMP. ROAD TO CONNECT RANGER
WAY TO PREBLE WAY IN APPROX. LOCATION
SHOWN



NOTE: DATUM SHIFT

PROFILE OF STORM DRAIN #1

SCALES: HOR. 1" = 50'
VERT. 1" = 10'



PROFILE OF COMB. STORM & SAN. DRAIN #2

SCALES: HOR. 1" = 50'
VERT. 1" = 10'

AS BUILT
R.W. Christie 2/5/73

DESIGN — N.H.D.P.W. & H.
TRACE —
CHECK —

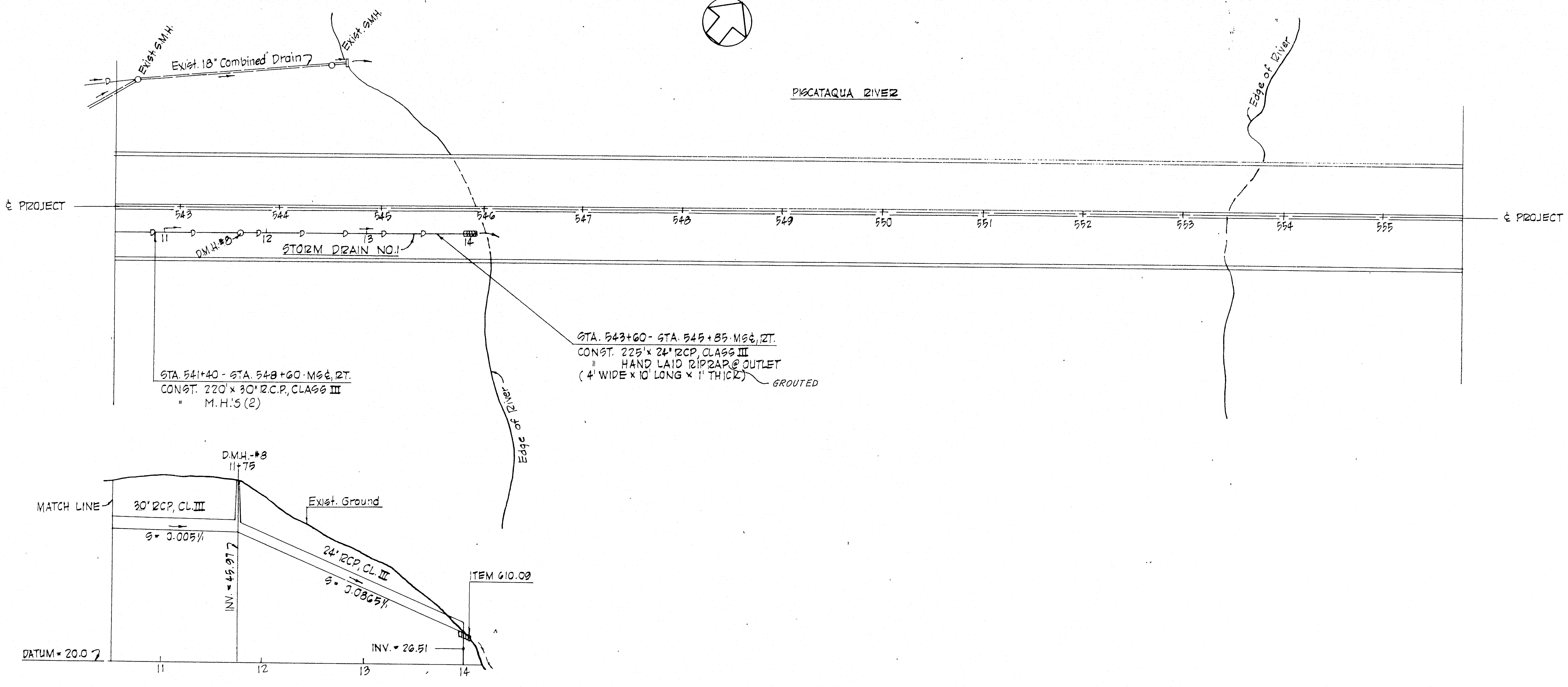
BRIDGE NO.
IN CHARGE OF — R.W. Christie

HARDESTY & HANOVER
CONSULTING ENGINEERS
NEW YORK, N.Y.

NEW HAMPSHIRE
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
AND
MAINE STATE HIGHWAY COMMISSION
INTERSTATE 95 BRIDGE
OVER
PISCATAQUA RIVER
BETWEEN
PORTSMOUTH, NEW HAMPSHIRE AND KITTERY, MAINE
NEW HAMPSHIRE APPROACH
DRAINAGE
STA. 533 + 00 TO STA. 542 + 30
SHEET 10 OF 75

128-149

B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	1—95—1 (22)16	11	75



PROFILE OF STORM DRAIN NO.1

SCALES: HOR. 1" = 50'
VERT. 1" = 10'

AS BUILT
R.W. Christie 2/5/73

DESIGN —
TRACE — N.H.D.P.W. & H.
CHECK —

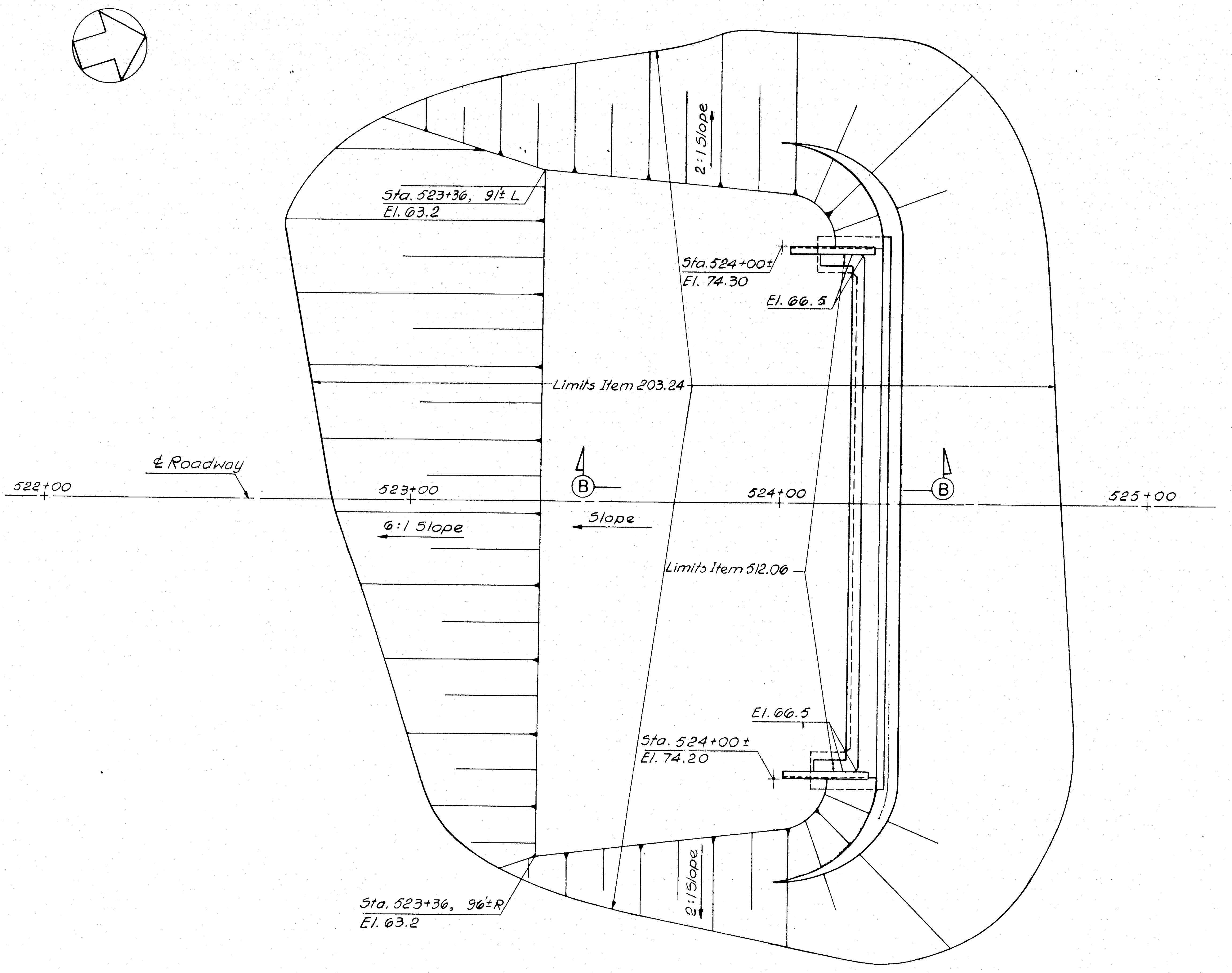
BRIDGE NO.
IN CHARGE OF — R.W. Christie

NEW HAMPSHIRE
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
AND
MAINE STATE HIGHWAY COMMISSION
INTERSTATE 95 BRIDGE
OVER
PISCATAQUA RIVER
BETWEEN
PORTSMOUTH, NEW HAMPSHIRE AND KITTERY, MAINE
NEW HAMPSHIRE APPROACH
DRAINAGE
STA. 542 + 30 TO RIVER
SHEET 11 OF 75

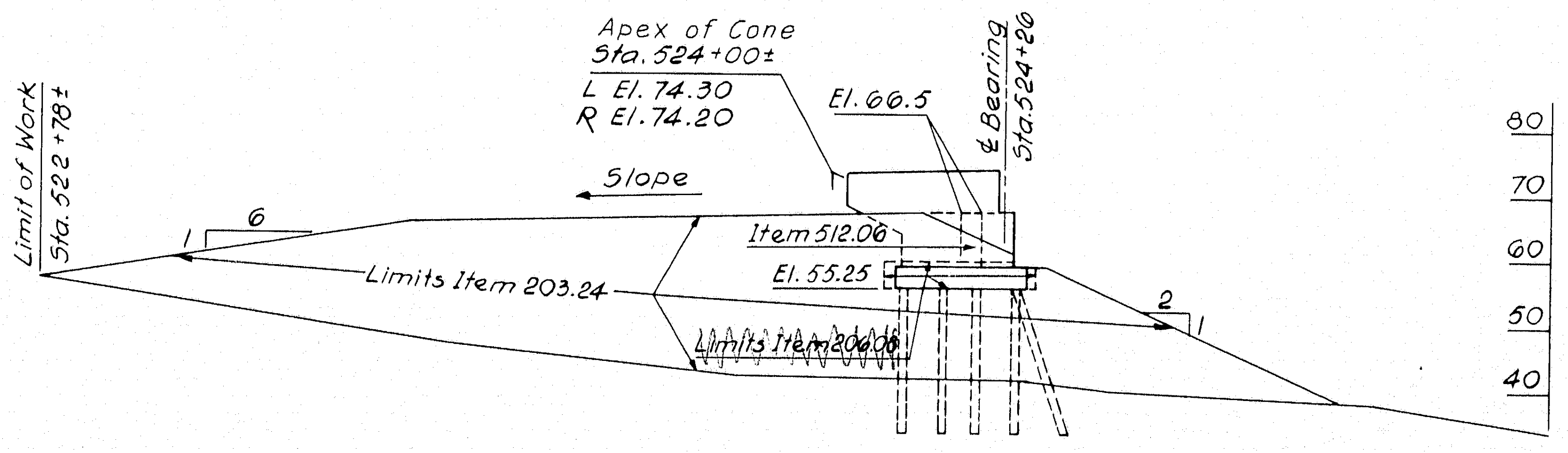
HARDESTY & HANOVER
CONSULTING ENGINEERS
NEW YORK, N.Y.

128-150

B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	1—95—1 (22)16	12	75

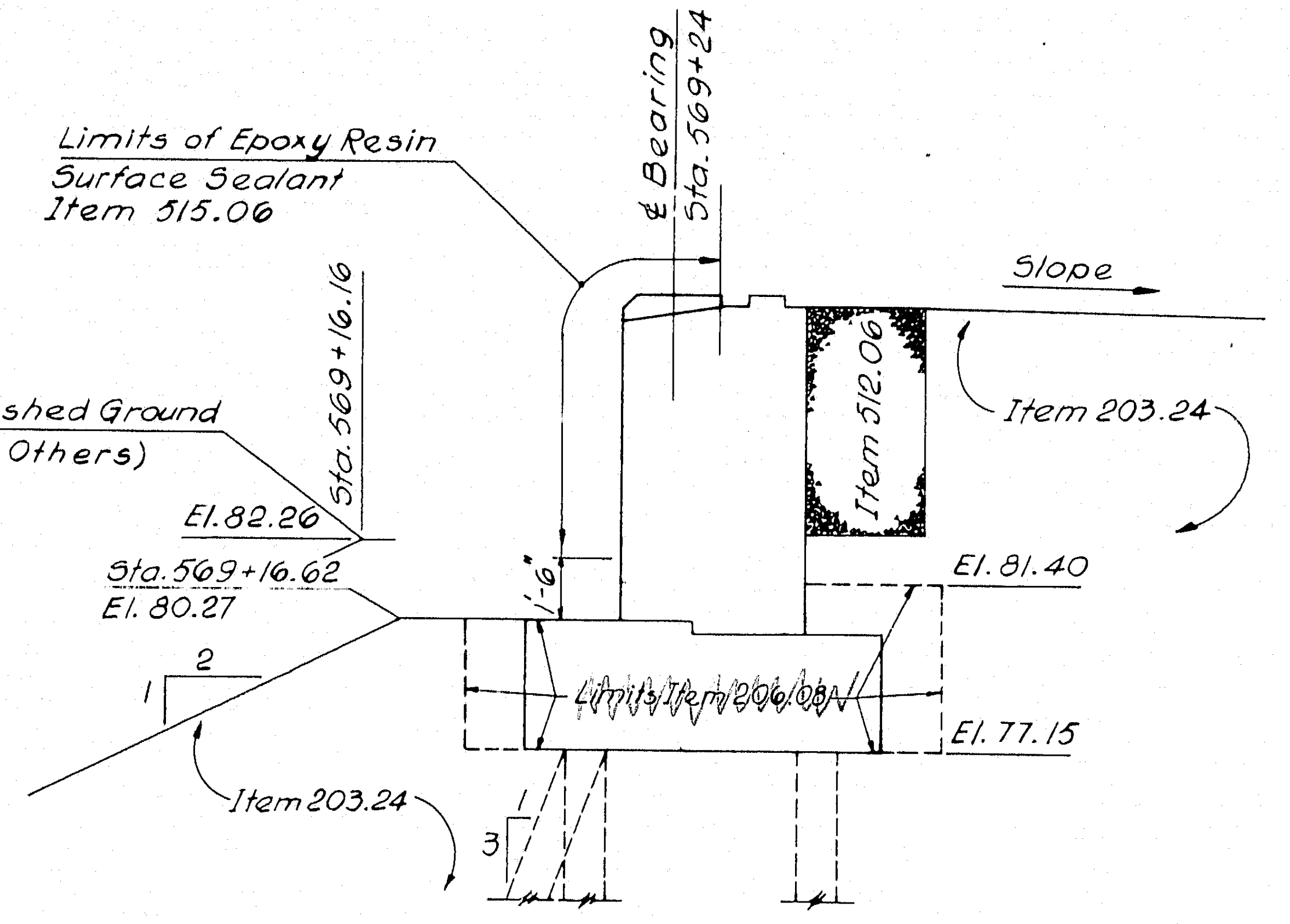


PLAN



SOUTH ABUTMENT

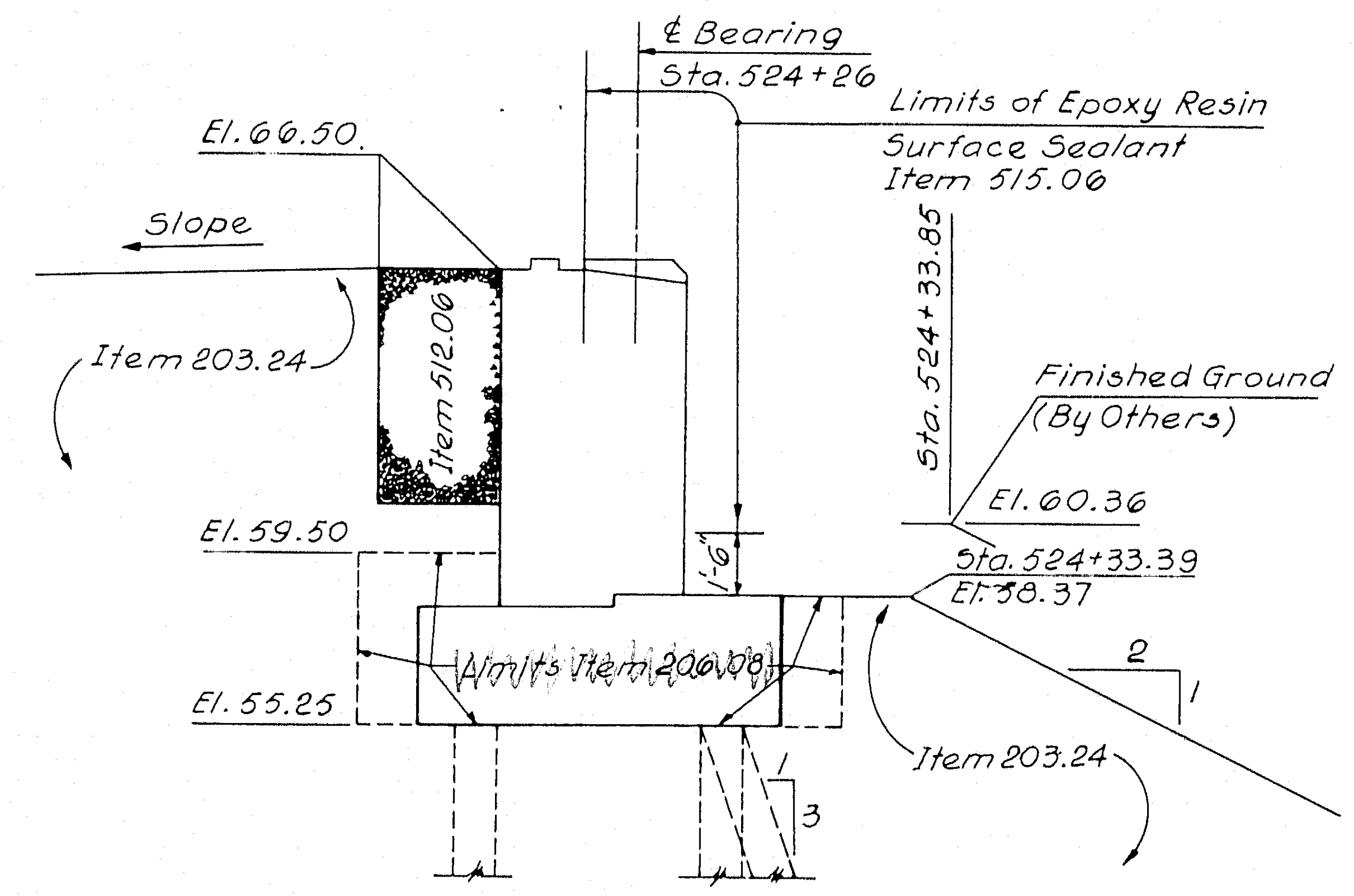
Scale Horiz. & Vert.: 1" = 20'



NORTH ABUTMENT

SECTION A–A

Scale: 1/4" = 1'-0"



SOUTH ABUTMENT

SECTION B–B

Scale: 1/4" = 1'-0"

NOTE:

Embankment will conform to Sec. 203.12, Moisture and Density Control

AS BUILT

R. W. Christie 2/5/73

DESIGN — A. W. Garcia
TRACE — A. D. Tchenkeli
CHECK — S. S. Ughiman

BRIDGE NO.
IN CHARGE OF — R. W. Christie

NEW HAMPSHIRE
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
AND
MAINE STATE HIGHWAY COMMISSION
INTERSTATE 95 BRIDGE
OVER
PISCATAQUA RIVER
BETWEEN
PORTSMOUTH, NEW HAMPSHIRE AND KITTERY, MAINE
NEW HAMPSHIRE APPROACH

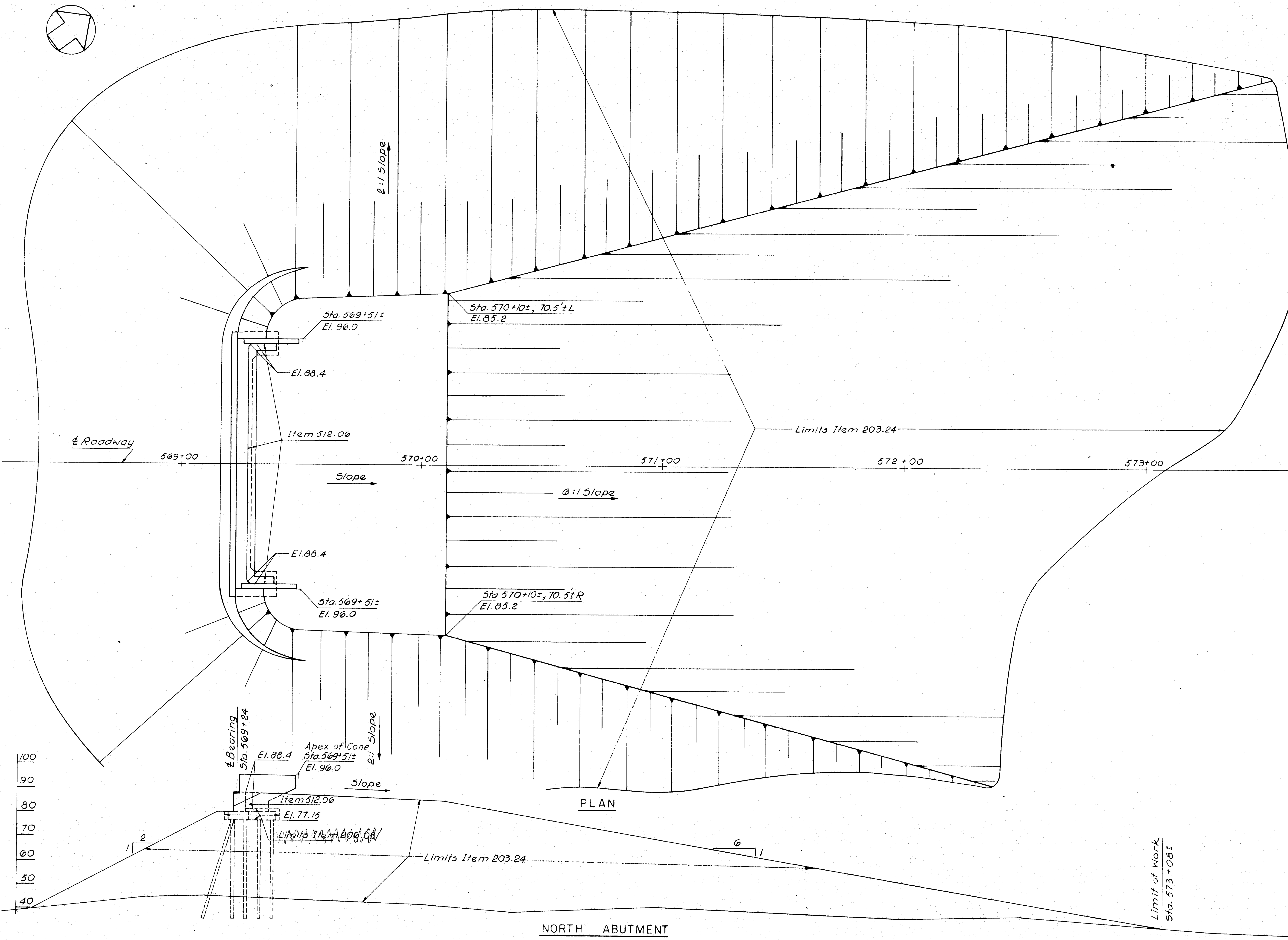
ABUTMENT LAYOUT DETAILS

SHEET 12 OF 75

HARDESTY & HANOVER
CONSULTING ENGINEERS
NEW YORK, N. Y.

128-151

B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	1-95-1(22)16	13	75



PLAN

NORTH ABUTMENT

Scale Horiz. & Vert.: 1" = 20'

NOTE:

Embankment will conform to Sec. 203.12, Moisture and Density Control.

AS BUILT

R. W. Christie 2/5/73

DESIGN — A. W. Haynes
TRACE — A. D. Tchenkeli
CHECK — S. S. Nishimura

BRIDGE NO.
IN CHARGE OF — R. W. Christie

NEW HAMPSHIRE
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
AND
MAINE STATE HIGHWAY COMMISSION
INTERSTATE 95 BRIDGE
OVER
PISCATAQUA RIVER
BETWEEN
PORTSMOUTH, NEW HAMPSHIRE AND KITTERY, MAINE

MAINE APPROACH

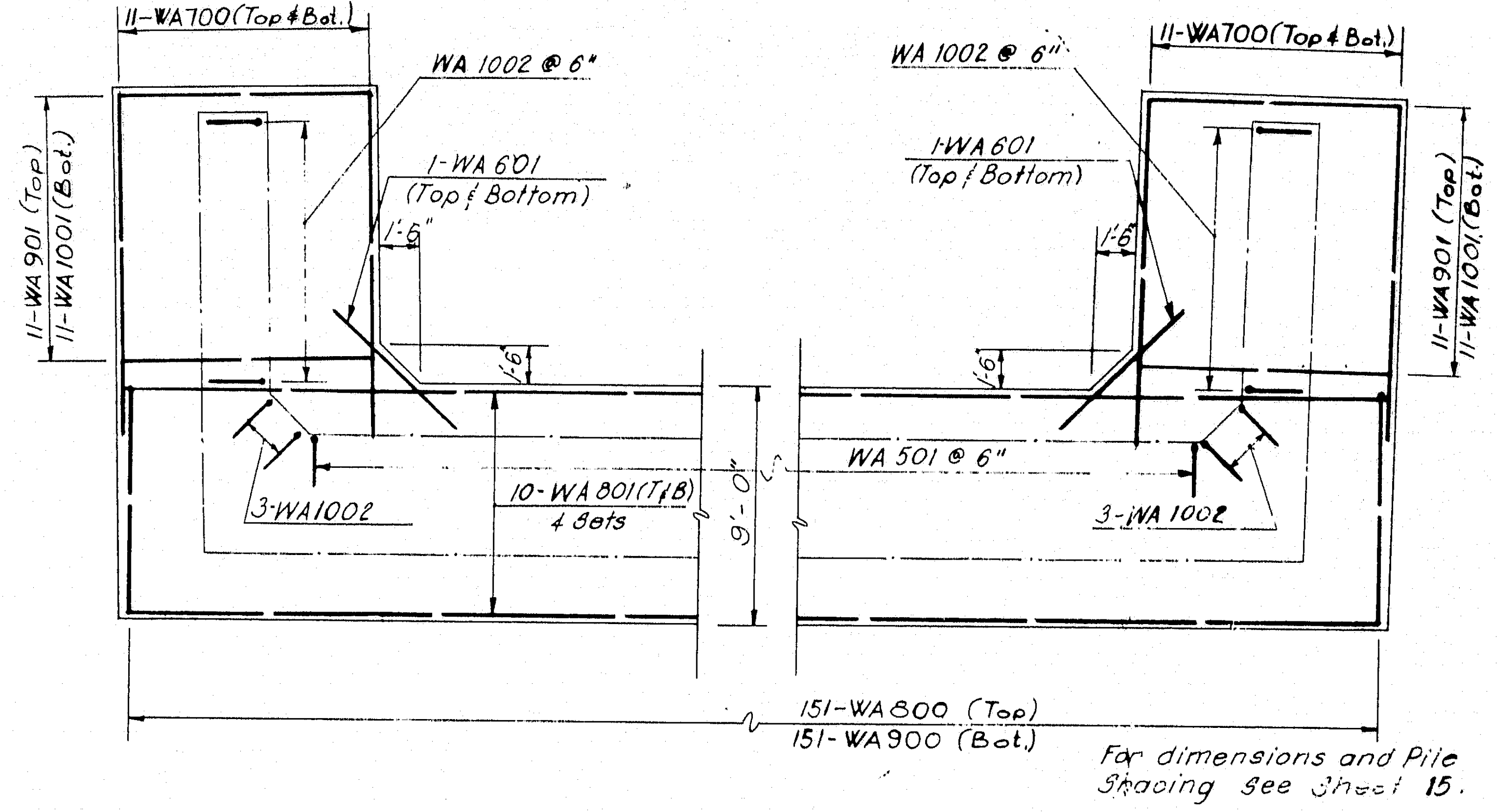
ABUTMENT LAYOUT DETAILS

SHEET 13 OF 75

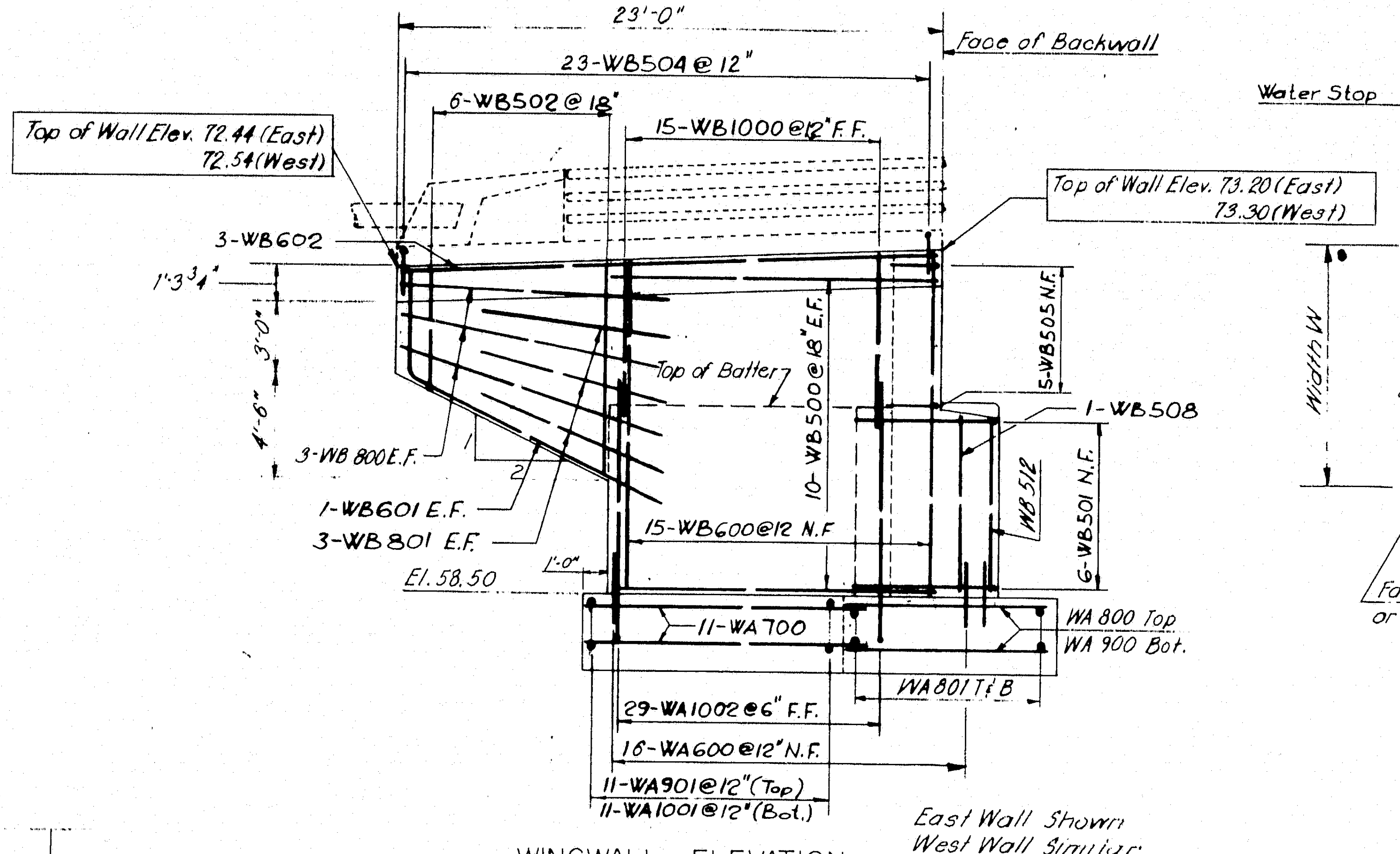
HARDESTY & HANOVER
CONSULTING ENGINEERS
NEW YORK, N. Y.

128-152

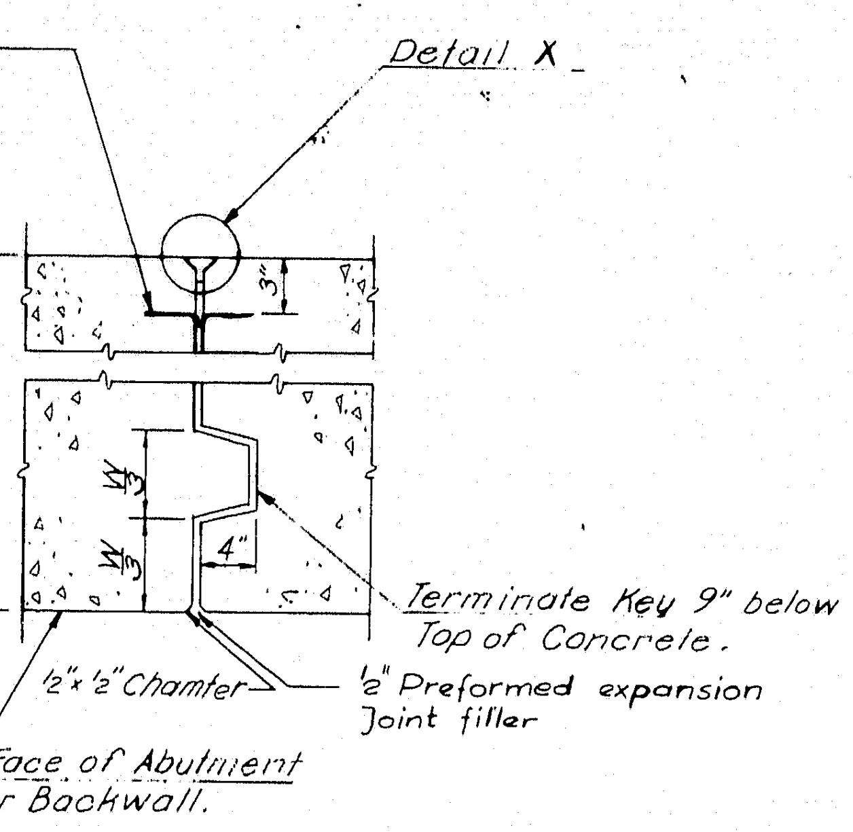
B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	1 — 95 — 1(22)16	14	75



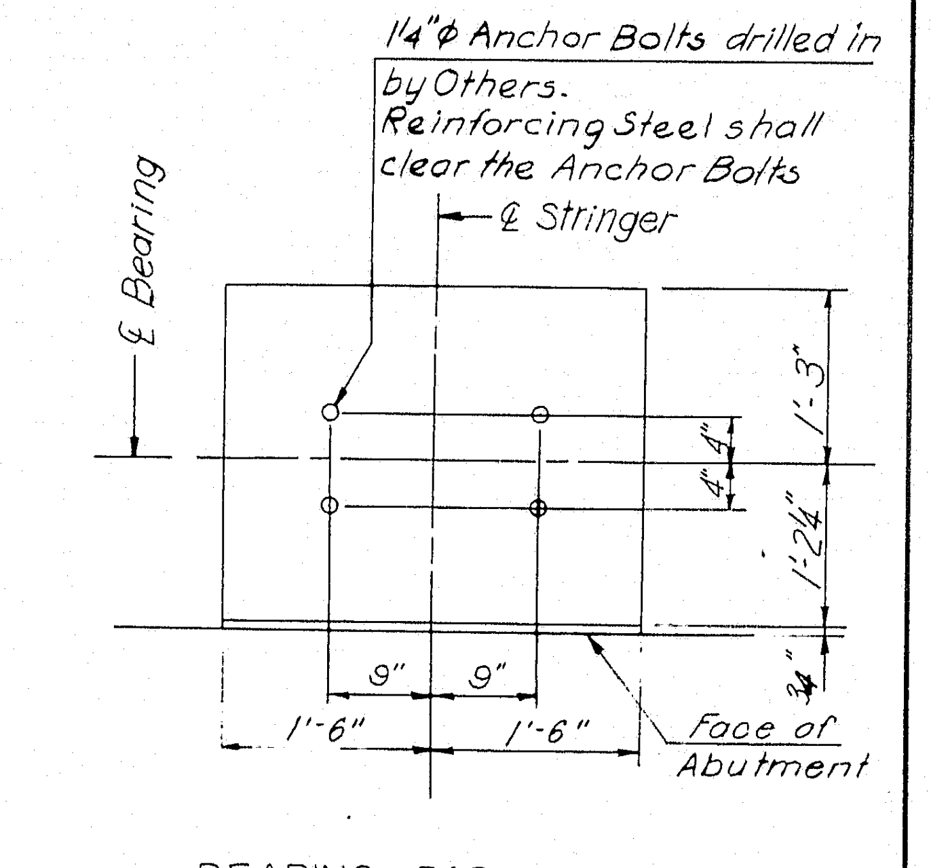
FOOTING REINFORCEMENT
Scale: 3/16" = 1'-0"



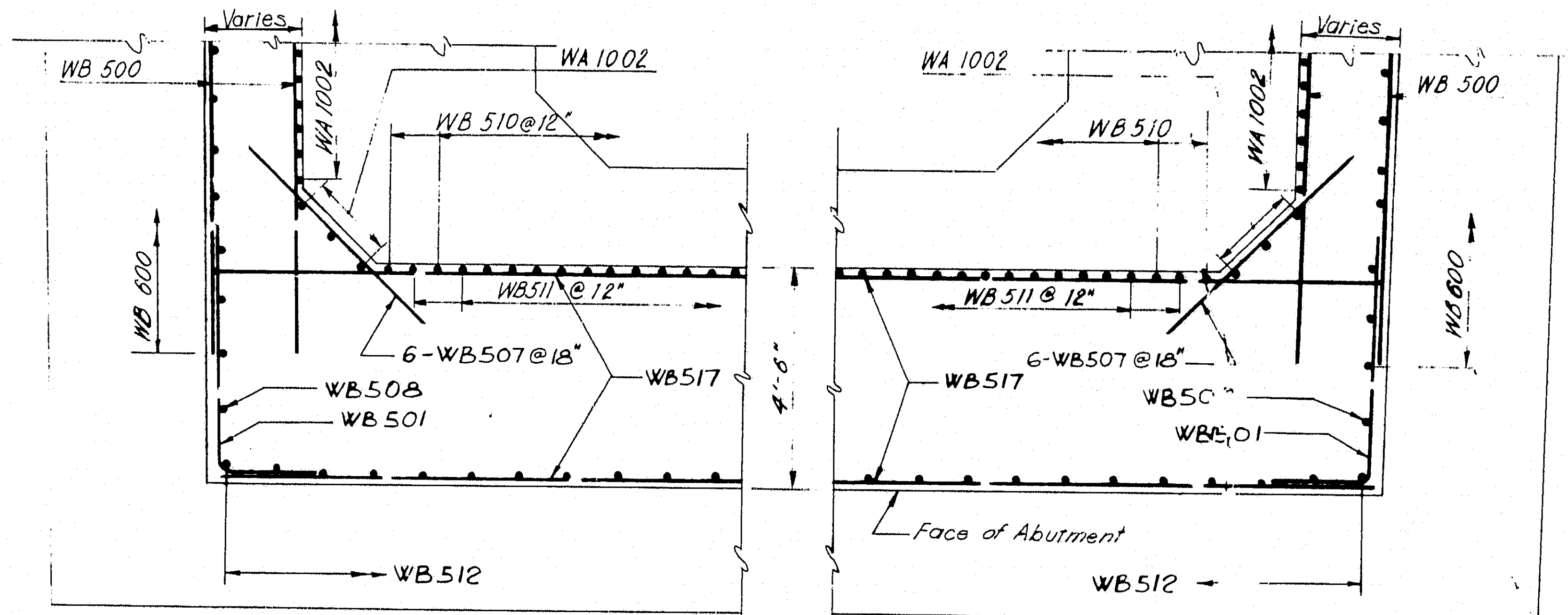
WINGWALL ELEVATION
Scale: 3/16" = 1'-0"


Water Stop
Detail X
Width W
Terminate Key 9" below Top of Concrete.
½" Preformed expansion joint filler
½" x ½" Chamfer
Face of Abutment or Backwall.

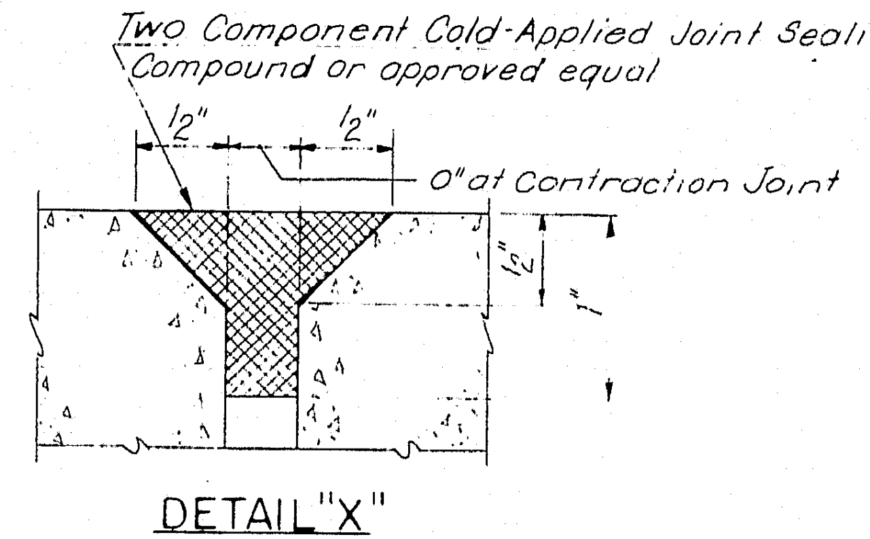
JOINT DETAIL
No Scale


1¼"⌀ Anchor Bolts drilled in by Others.
Reinforcing Steel shall clear the Anchor Bolts
℄ Stringer
℄ Bearing
1'-3"
1'-2½"
9"
9"
1'-6"
1'-6"
Face of Abutment

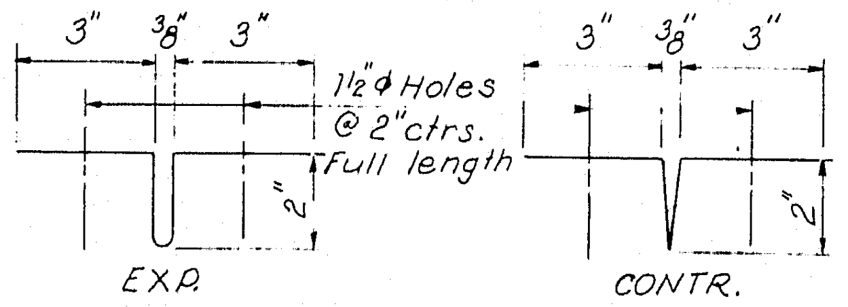
BEARING PAD DETAIL
Scale: ¾" = 1'-0"



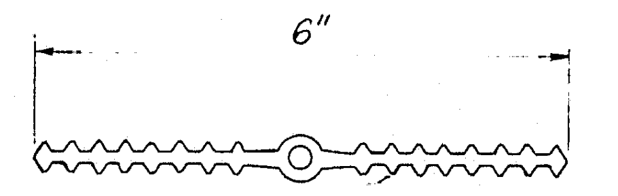
SECTION C-C
Scale: 3/8" = 1'-0"


Two Component Cold-Applied Joint Sealing Compound or approved equal
½"
½"
0" at Contraction Joint

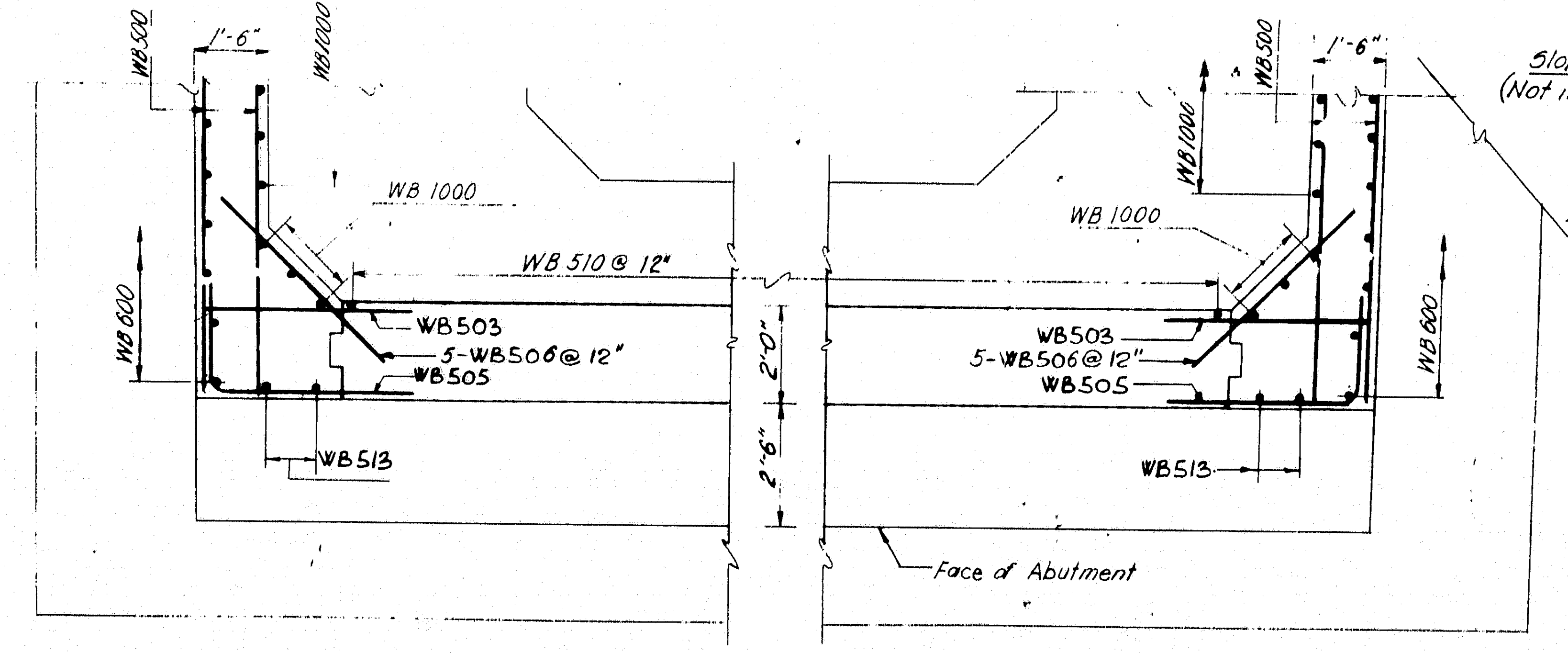
DETAIL "X"
Scale: Full Size



16 OZ. COPPER
Scale: 3" = 1'-0"

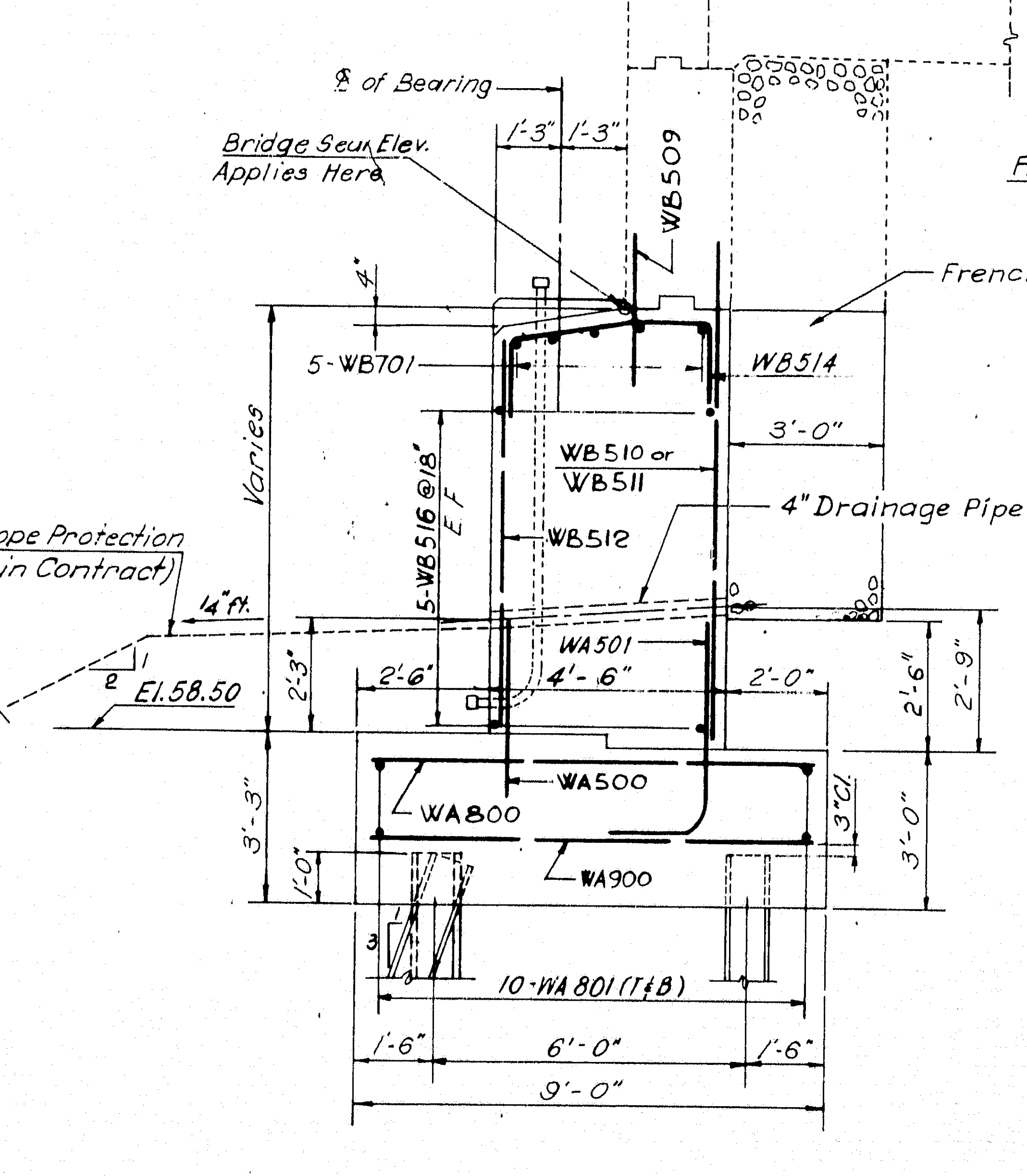


PLASTIC WATER STOPS

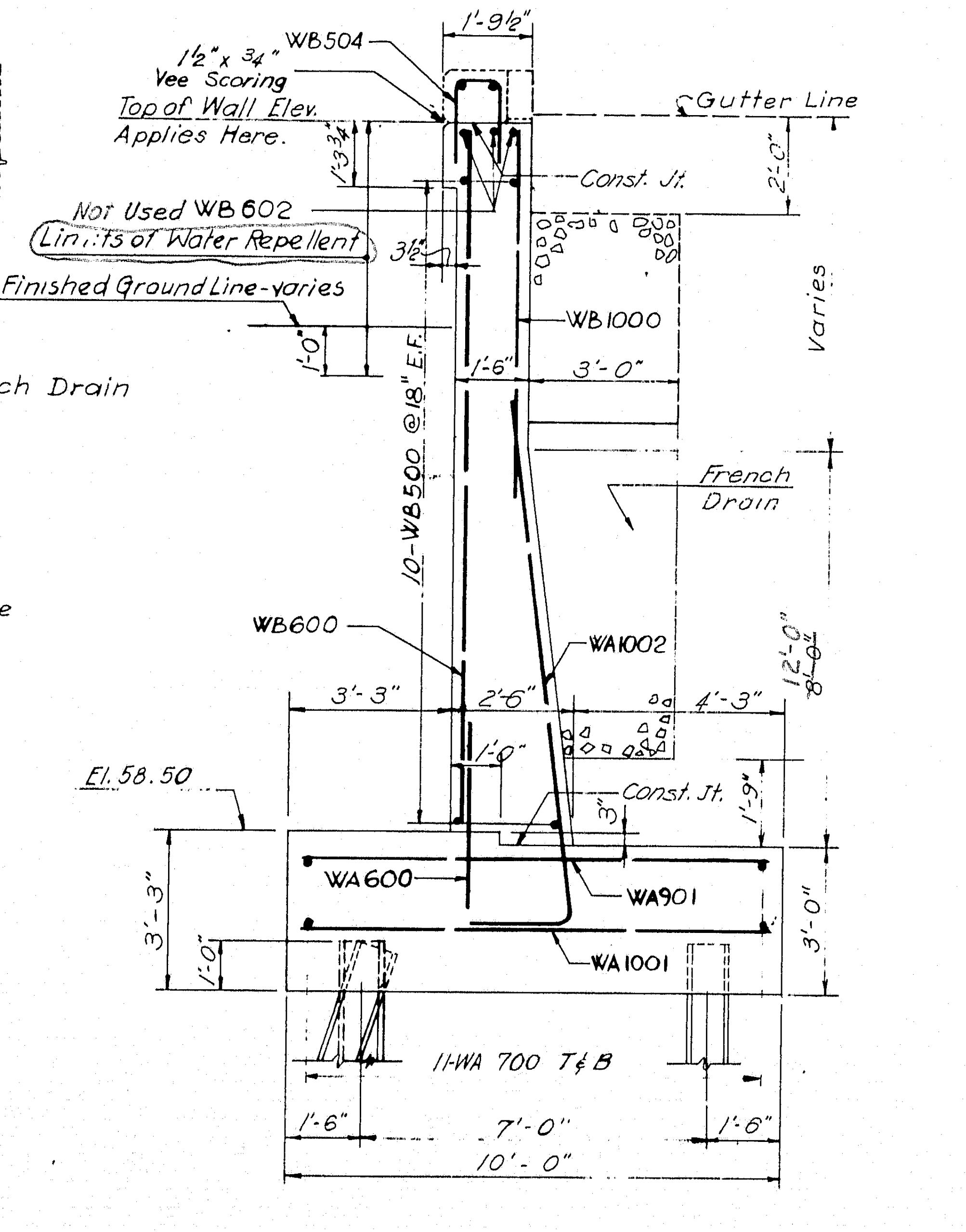


SECTION D-D
Scale: 3/8" = 1'-0"

CORNER DETAILS



SECTION A-A
Scale: 3/8" = 1'-0"



SECTION B-B
Scale: 3/8" = 1'-0"

NOTE:
For Section's location see sheet 15

For As Built Reinforcing Steel Details See Bancroft & Martin Placing Drawings & Bar Lists.

AS BUILT
R.W. Christie 2/5/73

DESIGN — H. Uyar
TRACE — L. Vego
CHECK — N. U. Bilek

BRIDGE NO.
IN CHARGE OF — R.W. Christie

HARDESTY & HANOVER
CONSULTING ENGINEERS
NEW YORK, N. Y.

NEW HAMPSHIRE
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
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MAINE STATE HIGHWAY COMMISSION
INTERSTATE 95 BRIDGE
OVER
PISCATAQUA RIVER
BETWEEN
PORTSMOUTH, NEW HAMPSHIRE AND KITTERY, MAINE
NEW HAMPSHIRE APPROACH

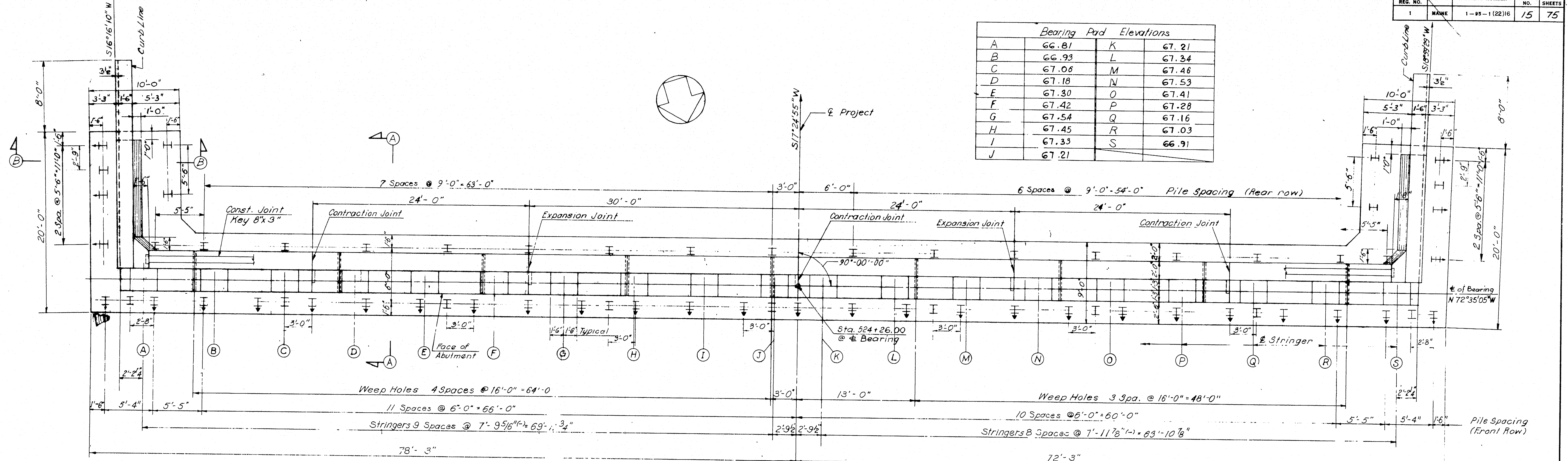
SOUTH ABUTMENT

SHEET 14 OF 75

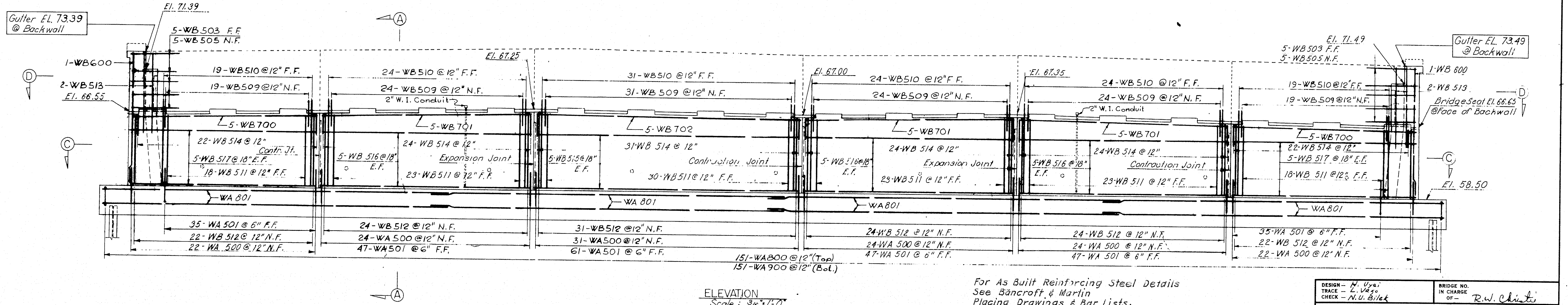
128-153

B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	1—95—1 (22)16	15	75

Bearing Pad Elevations			
A	66.81	K	67.21
B	66.93	L	67.34
C	67.06	M	67.46
D	67.18	N	67.53
E	67.30	O	67.41
F	67.42	P	67.28
G	67.54	Q	67.16
H	67.45	R	67.03
I	67.33	S	66.91
J	67.21		



PLAN
Scale 3/16" = 1'-0"



ELEVATION
Scale: 3/16" = 1'-0"

For As Built Reinforcing Steel Details
See Bancroft & Martin
Placing Drawings & Bar Lists.

Piles 10 BP 57

I = Vertical

I↓ = Battered 3:1

Pile Schedule

Estimated Length	Quantity	Total Estimated Length
22'	5	110'
24'	24	576'
26'	27	702'
28'	8	224'
Total	64	1,612'

NOTES:
For Sections and Details see Sheet 14.
Pile capacity = 125.7^k
Maximum Dead Load = 87^k
Maximum Live Load + Impact = 34^k
Piles shall be end bearing and shall be driven to practical refusal.

AS BUILT
R.W. Christi 2/5/73

HARDESTY & HANOVER
CONSULTING ENGINEERS
NEW YORK, N. Y.

DESIGN — N. Uyai
TRACE — L. Vago
CHECK — N. U. Bilek

BRIDGE NO.
IN CHARGE OF — R.W. Christi

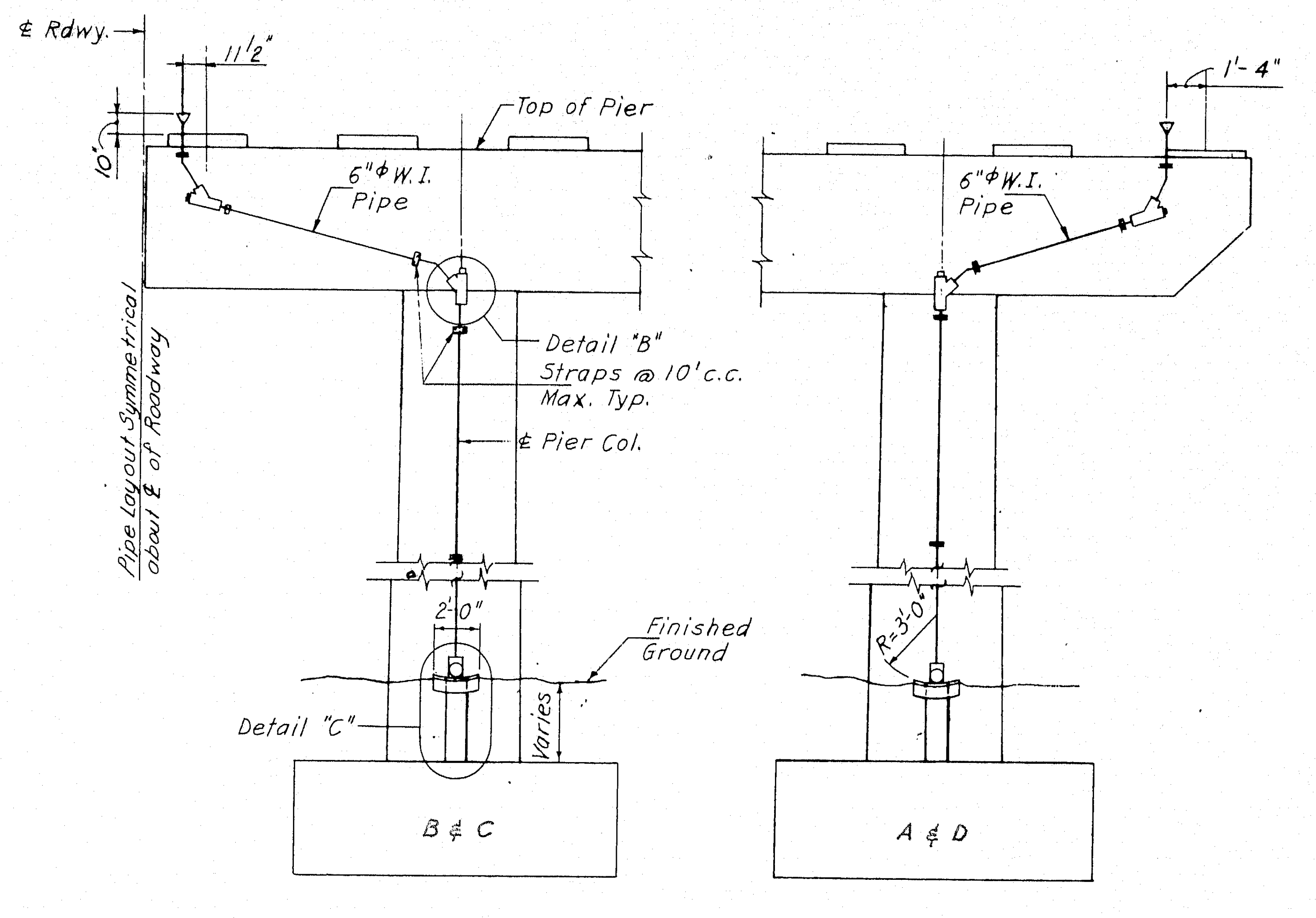
NEW HAMPSHIRE
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
AND
MAINE STATE HIGHWAY COMMISSION
INTERSTATE 95 BRIDGE
OVER
PISCATAQUA RIVER
BETWEEN
PORTSMOUTH, NEW HAMPSHIRE AND KITTERY, MAINE
NEW HAMPSHIRE APPROACH

SOUTH ABUTMENT

SHEET 15 OF 75

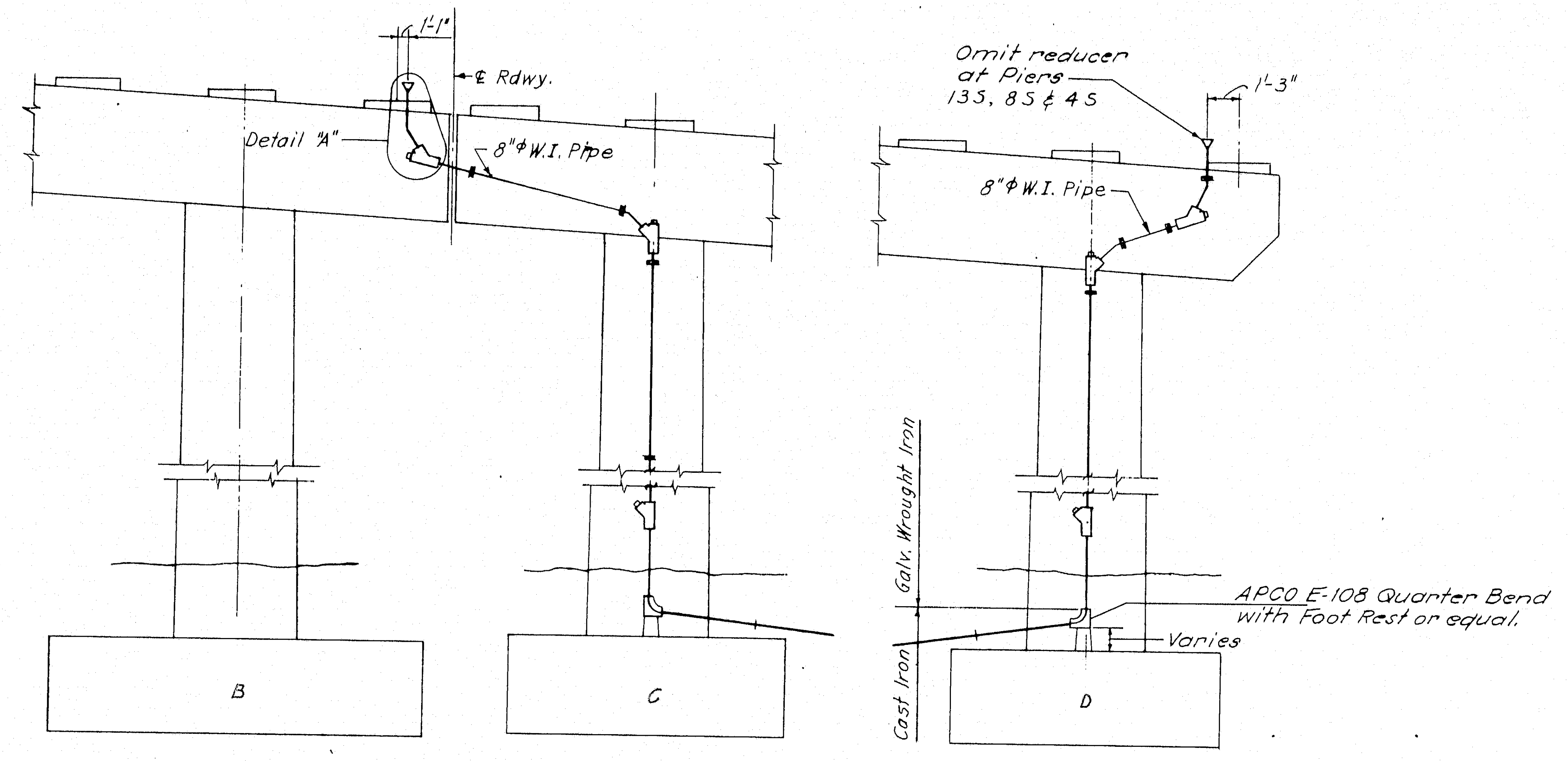
128-154

B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	1—95—1 (22)16	16	75



TYPICAL AT PIERS 18S, 17S (FAR SIDE), ~~1S~~

Not to Scale

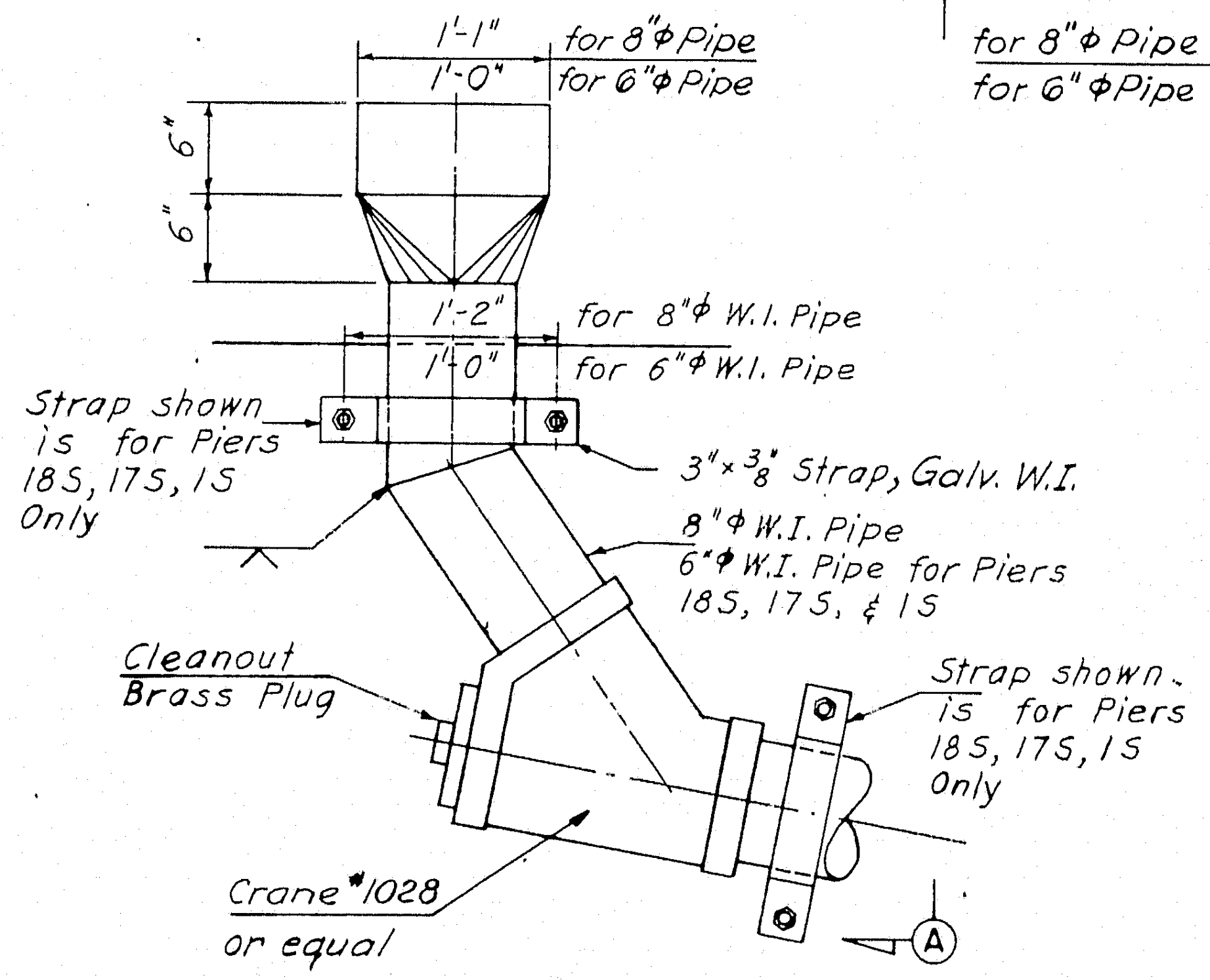


TYPICAL AT PIERS 13S, 10S, 8S, 6S, 4S, ~~2S~~, 1S AND ON FAR SIDE FOR PIERS 16S, 15S, 11S, 2S

(For Piers 16S, 15S, & 13S use Detail "C")

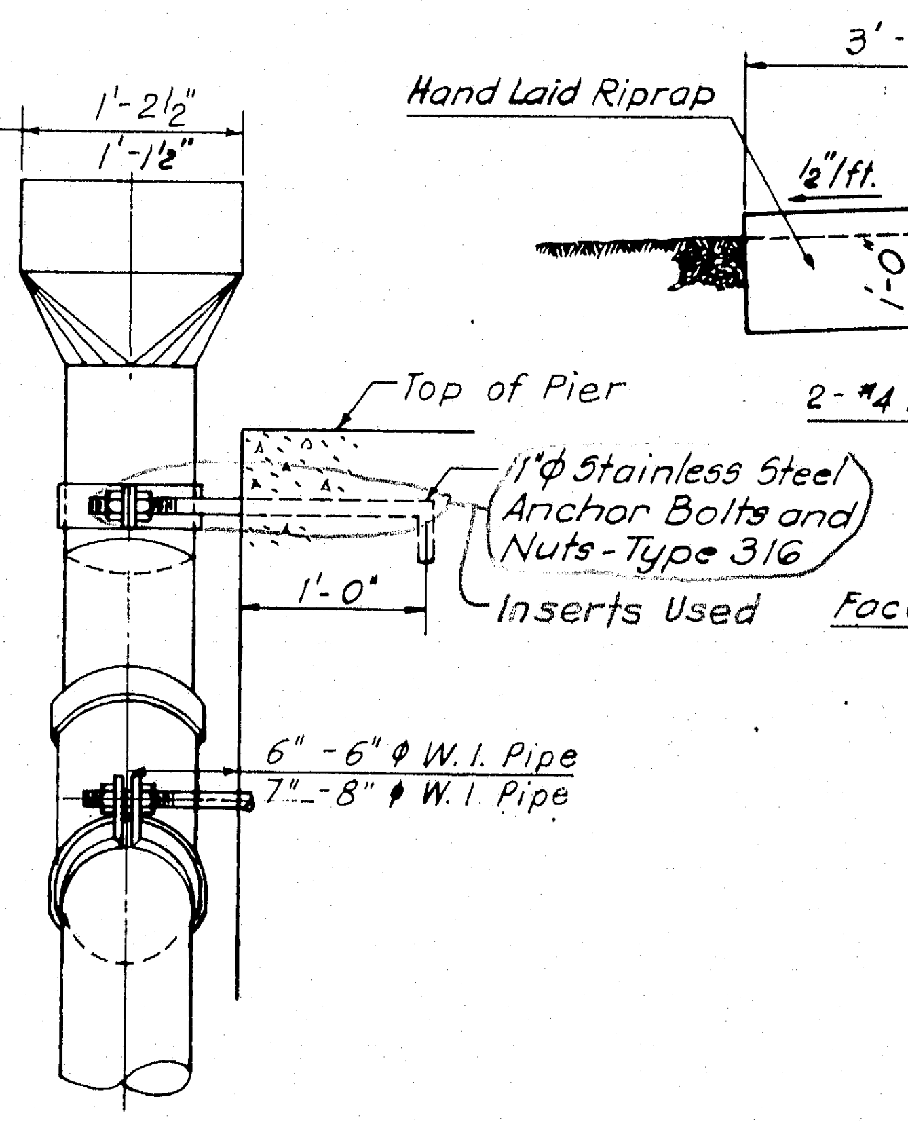
Not to Scale

No cleanout Y's for 16S, 15S & 13S



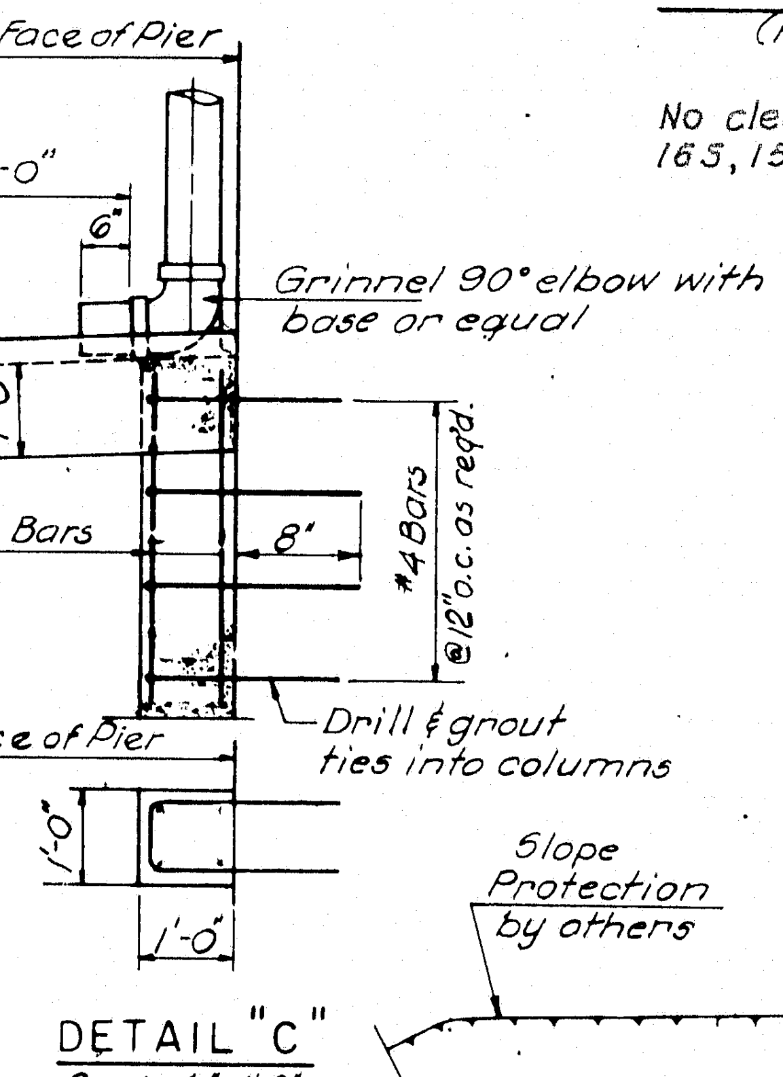
DETAIL "A"

Scale: 1" = 1'-0"



SECTION A-A

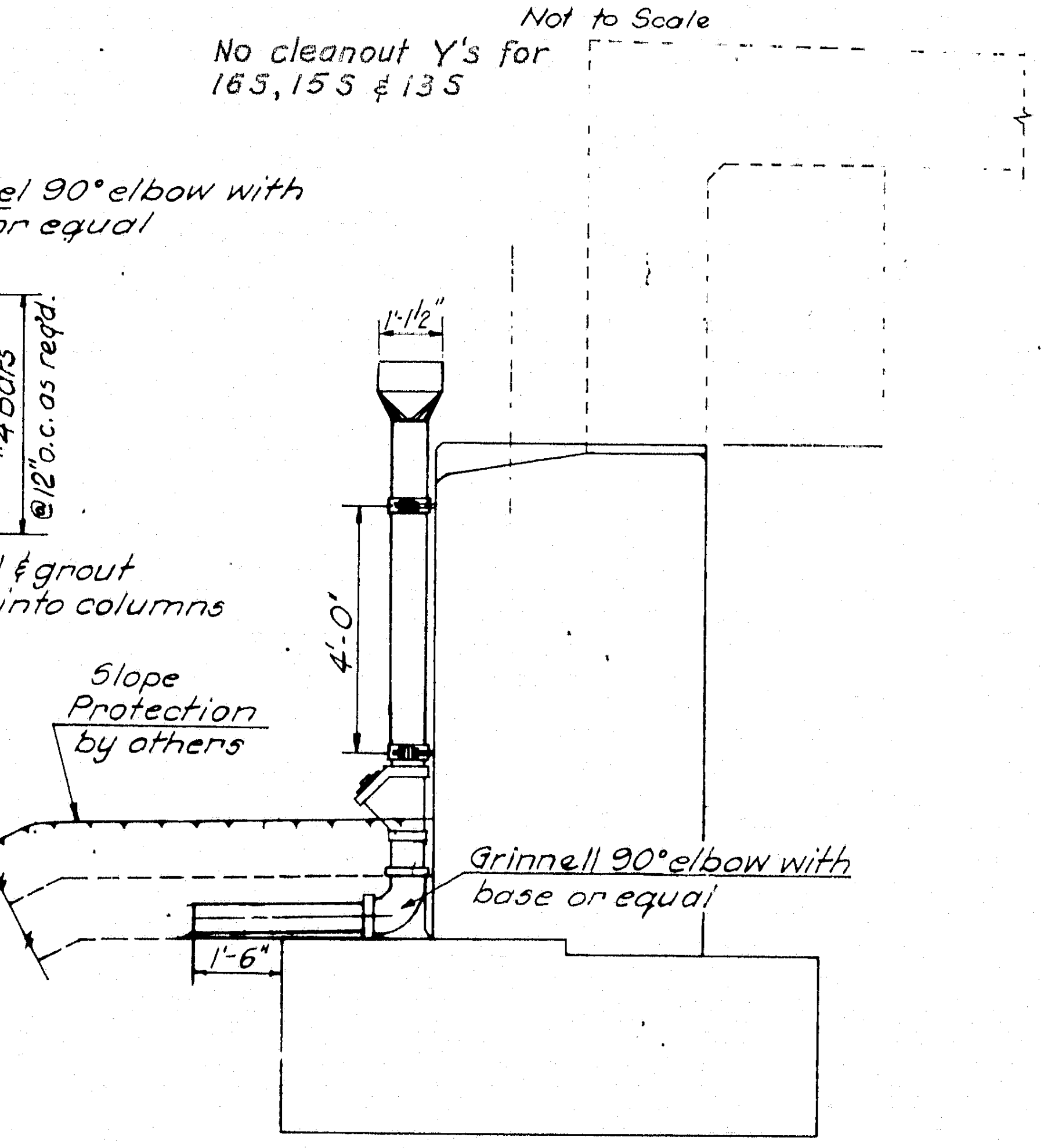
Scale: 1" = 1'-0"



Face of Pier
3'-0"
6"
Hand Laid Riprap
½"/ft.
Grinnel 90° elbow with base or equal
1'-0"
2-#4 Bars
8"
#4 Bars @12" o.c. as req'd.
Drill & grout ties into columns
Face of Pier
1'-0"
1'-0"

DETAIL "C"

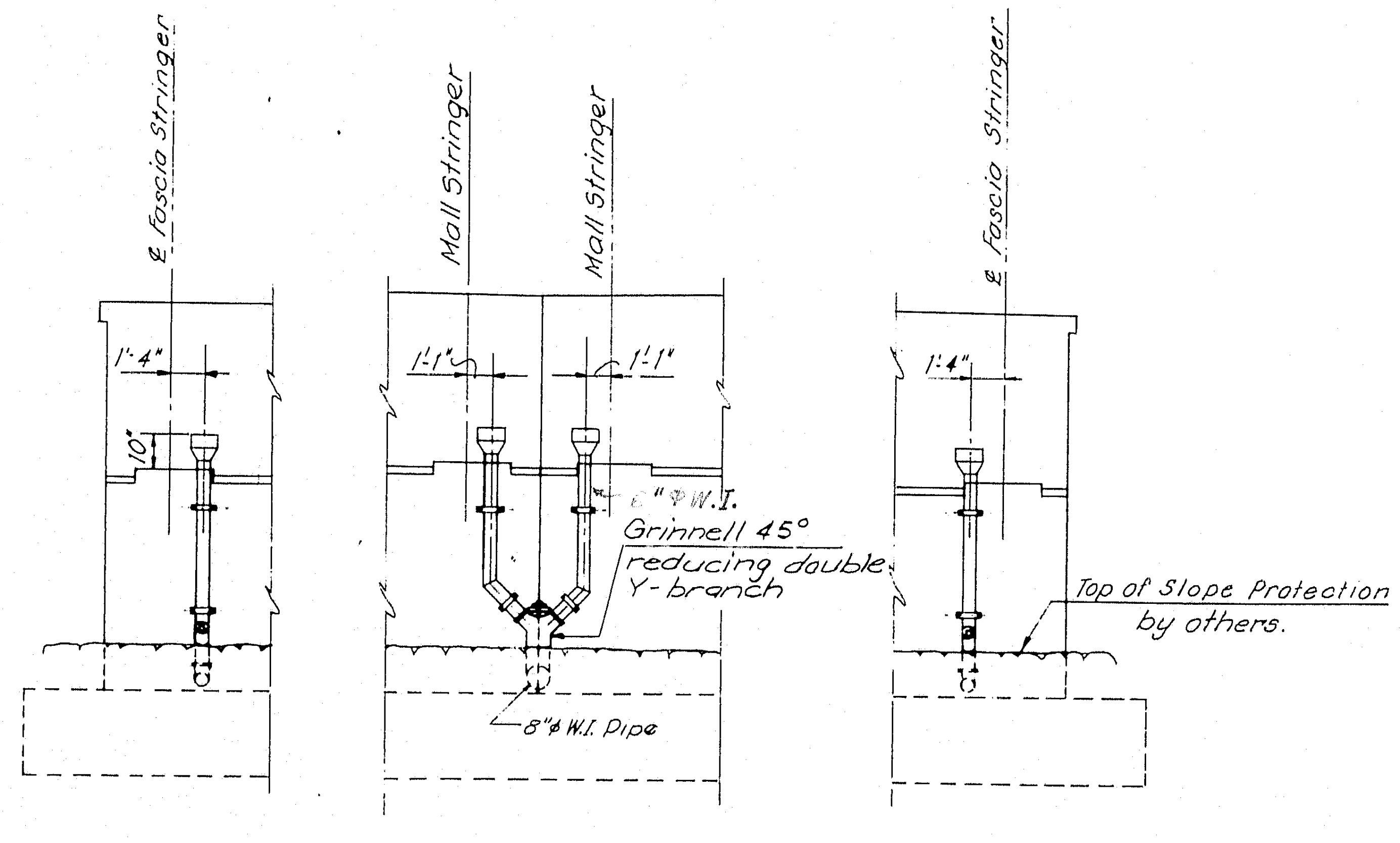
Scale: ½" = 1'-0"



1'-1½"
4'-0"
Slope Protection by others
Grinnell 90° elbow with base or equal
1'-6"

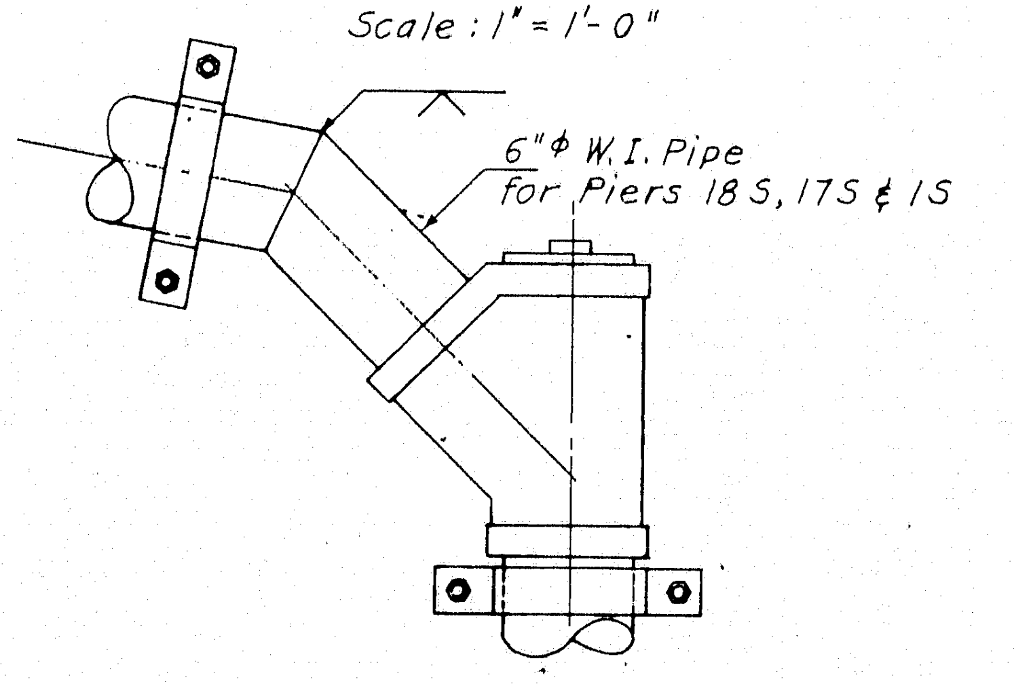
TYPICAL AT ABUTMENT

Scale: ⅜" = 1'-0"



ELEVATION ABUTMENT

Scale: 3/16" = 1'-0"



DETAIL "B"

Scale: 1" = 1'-0"

NOTE:

Concrete pedestals for footed elbows including reinforcing steel, drilling and grouting of reinforcing steel and anchor bolts, straps and other miscellaneous work shall be incidental to the installation of the wrought and cast iron pipe and shall not be paid for separately.

AS BUILT
R.W. Christie 2/3/73

HARDESTY & HANOVER
CONSULTING ENGINEERS
NEW YORK, N. Y.

DESIGN — C.W. Gamie
TRACE — Kirby D. Zily
CHECK — C.W. Gamie

BRIDGE NO.
IN CHARGE OF — R.W. Christie

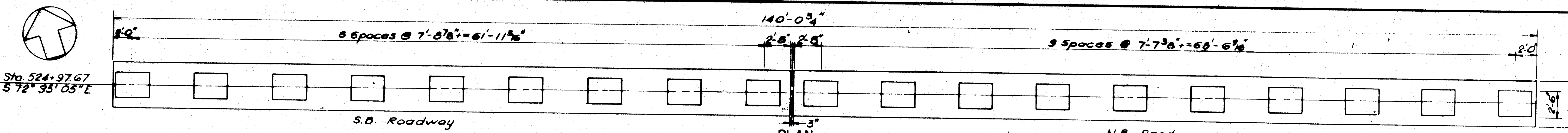
NEW HAMPSHIRE
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
AND
MAINE STATE HIGHWAY COMMISSION
INTERSTATE 95 BRIDGE
OVER
PISCATAQUA RIVER
BETWEEN
PORTSMOUTH, NEW HAMPSHIRE AND KITTERY, MAINE
NEW HAMPSHIRE APPROACH

SUBSTRUCTURE DRAINAGE

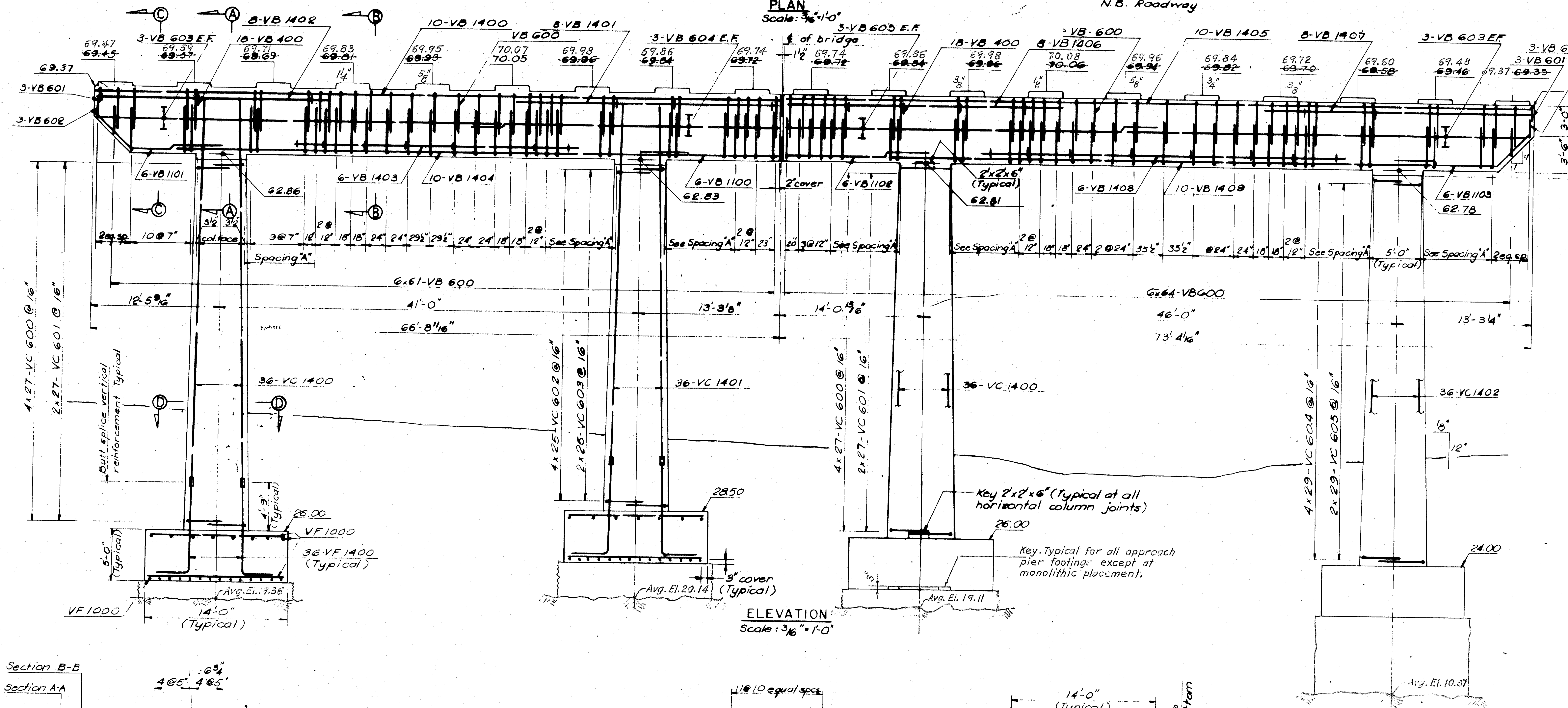
SHEET 16 OF 75

128-155

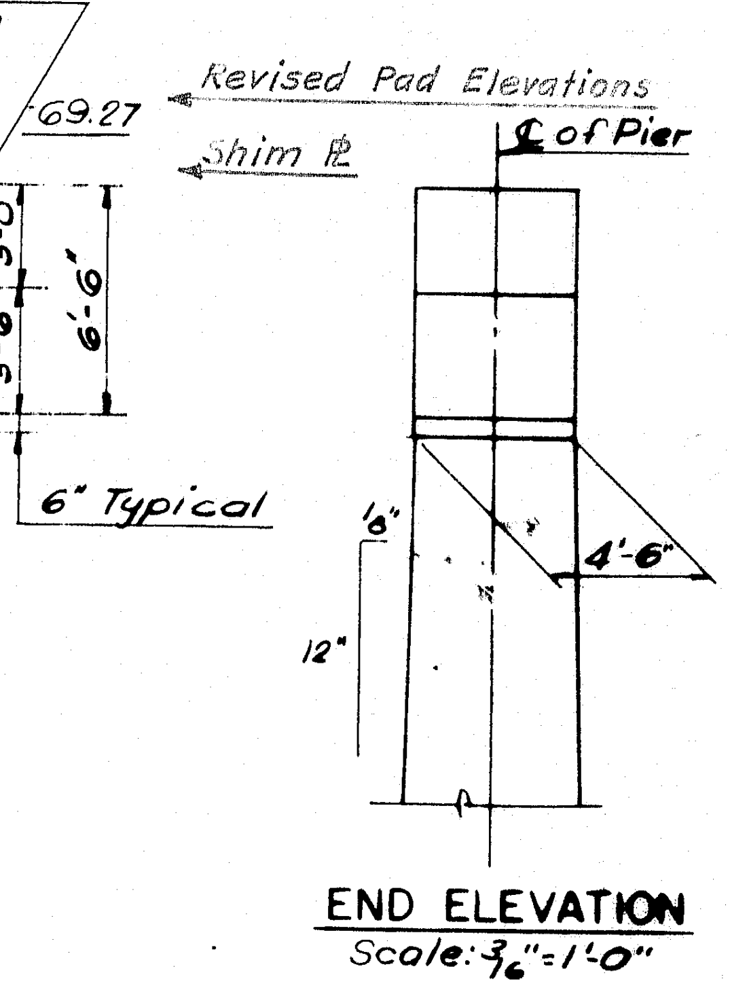
B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	I-95-1(22)16	17	75



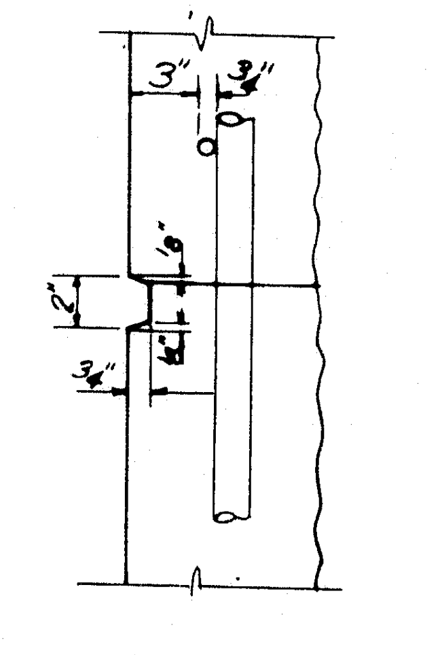
PLAN
Scale: 3/16"=1'-0"



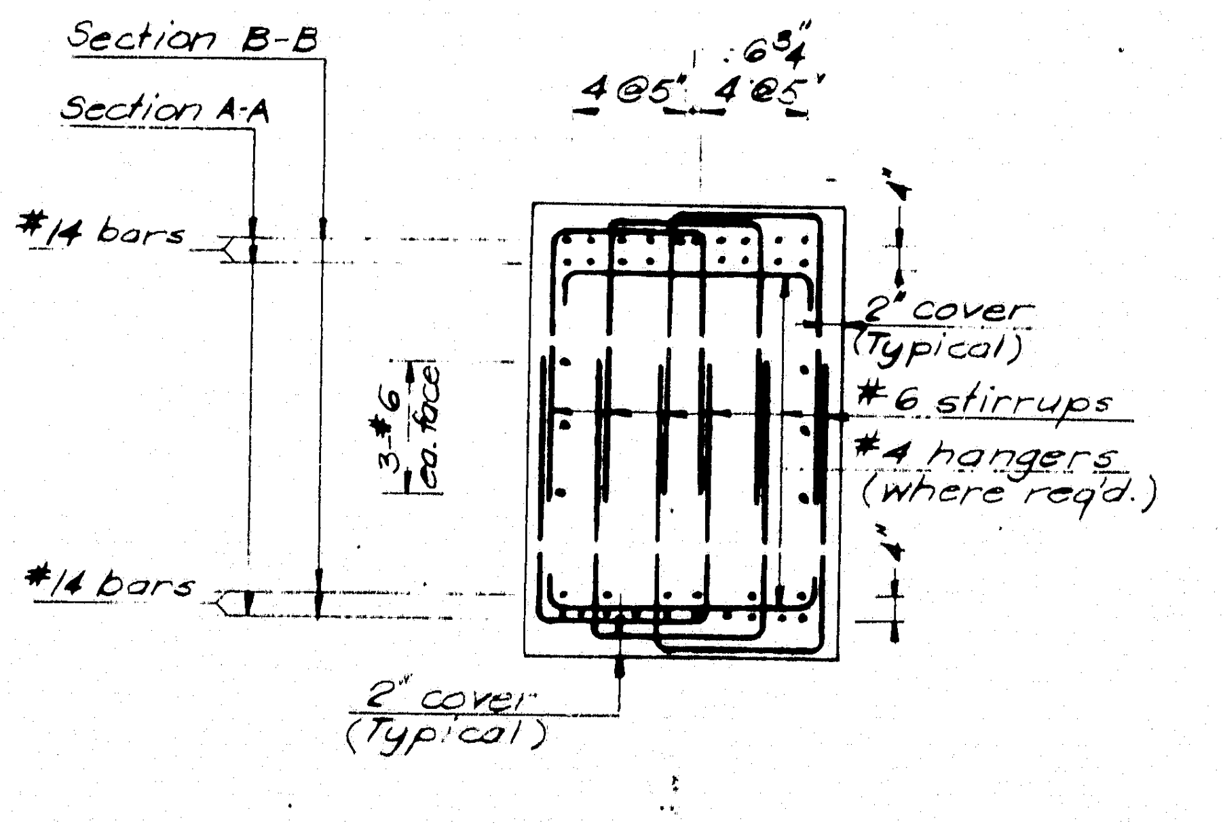
ELEVATION
Scale: 3/16"=1'-0"



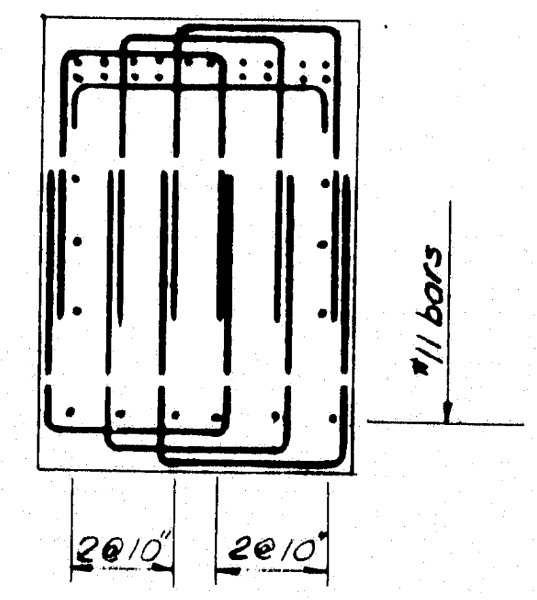
END ELEVATION
Scale: 3/16"=1'-0"



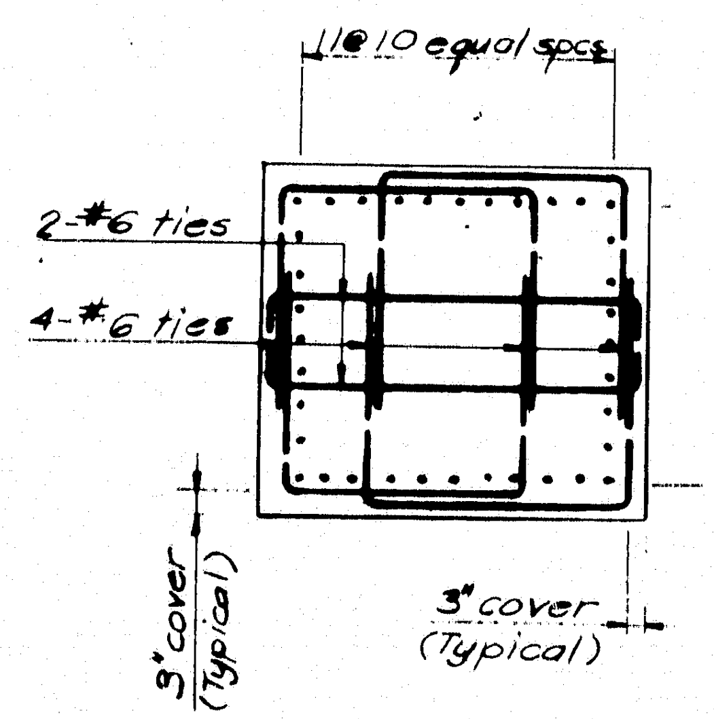
SCORING DETAIL
Scale: 1½"=1'-0"
Typical for all Approach Piers



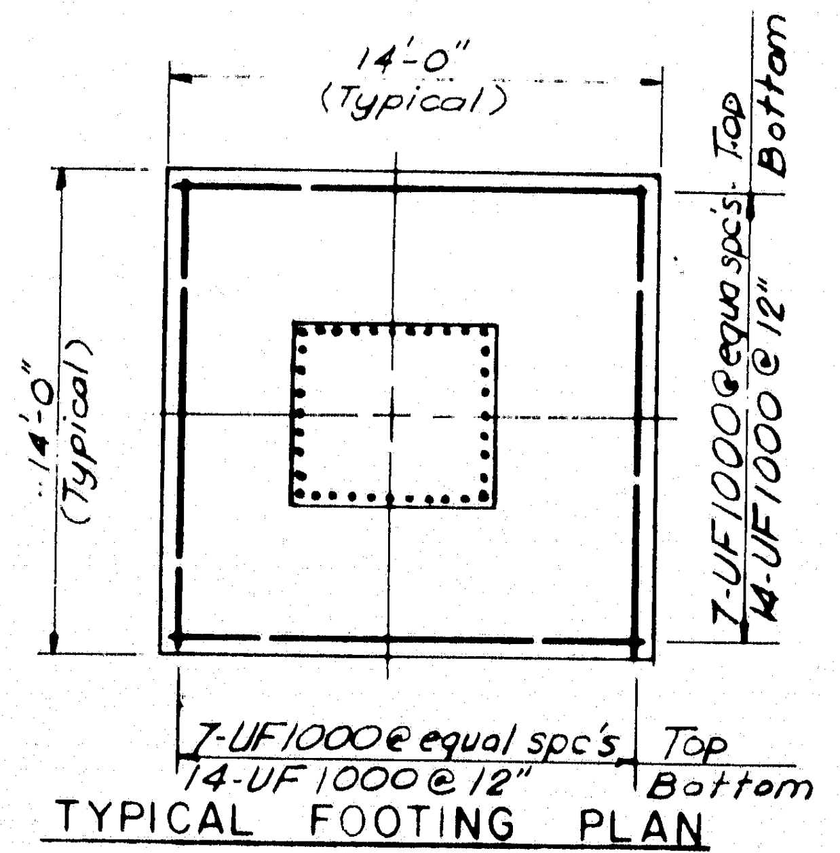
SECTIONS A-A & B-B
Scale: 3/8"=1'-0"



SECTION C-C
Scale: 3/8"=1'-0"



SECTION D-D
Scale: 3/8"=1'-0"



TYPICAL FOOTING PLAN
Scale: 3/16"=1'-0"

For As Built Reinf. Steel Details See Bancroft & Martin Placing Drawings & Bar Lists.

On Approach Piers, both original & revised Pad Elevations (where given) are design elevations. Where necessary, pads were ground down or shimmed as shown to meet design elevations.

AS BUILT
R.W. Christie 2/5/73

DESIGN – T.C. Thompson
TRACE – V.V. Mattis
CHECK – G.M. Fedun

BRIDGE NO.
IN CHARGE OF – R.W. Christie

HARDESTY & HANOVER
CONSULTING ENGINEERS
NEW YORK, N.Y.

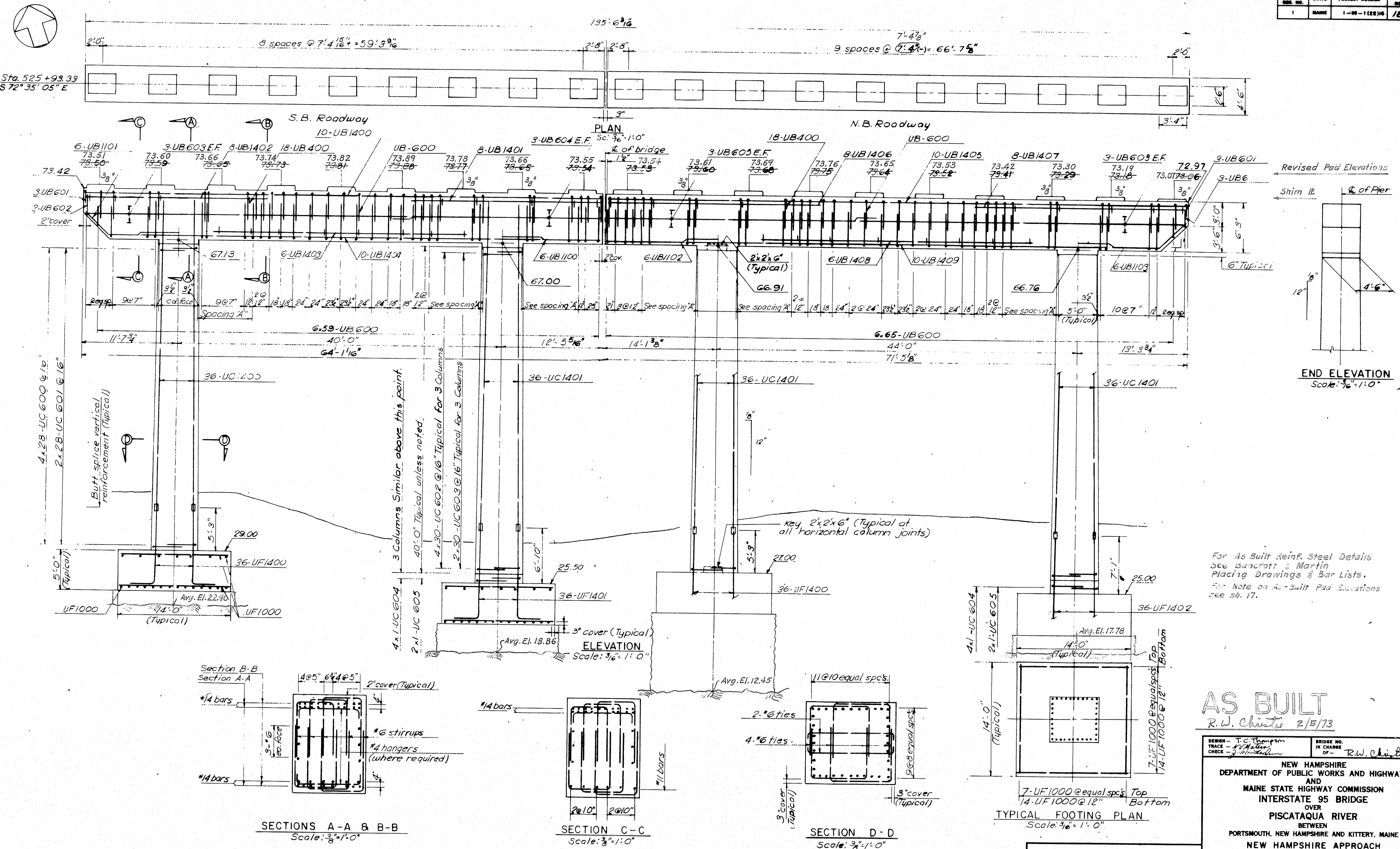
NEW HAMPSHIRE
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
AND
MAINE STATE HIGHWAY COMMISSION
INTERSTATE 95 BRIDGE
OVER
PISCATAQUA RIVER
BETWEEN
PORTSMOUTH, NEW HAMPSHIRE AND KITTERY, MAINE
NEW HAMPSHIRE APPROACH

PIER 18 S

SHEET 17 OF 75

128-156

B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	1-95-1(22)16	18	75



For As Built Reinf. Steel Details See Bancroft & Martin Placing Drawings & Bar Lists.

For Note on As-Built Pad Elevations see sh. 17.

AS BUILT
R. W. Christie 2/5/73

DESIGN – T. C. Thompson
TRACE – N. V. Mateo
CHECK – J. M. [illegible]

BRIDGE NO.
IN CHARGE OF – R. W. Christie

HARDESTY & HANOVER
CONSULTING ENGINEERS
NEW YORK, N. Y.

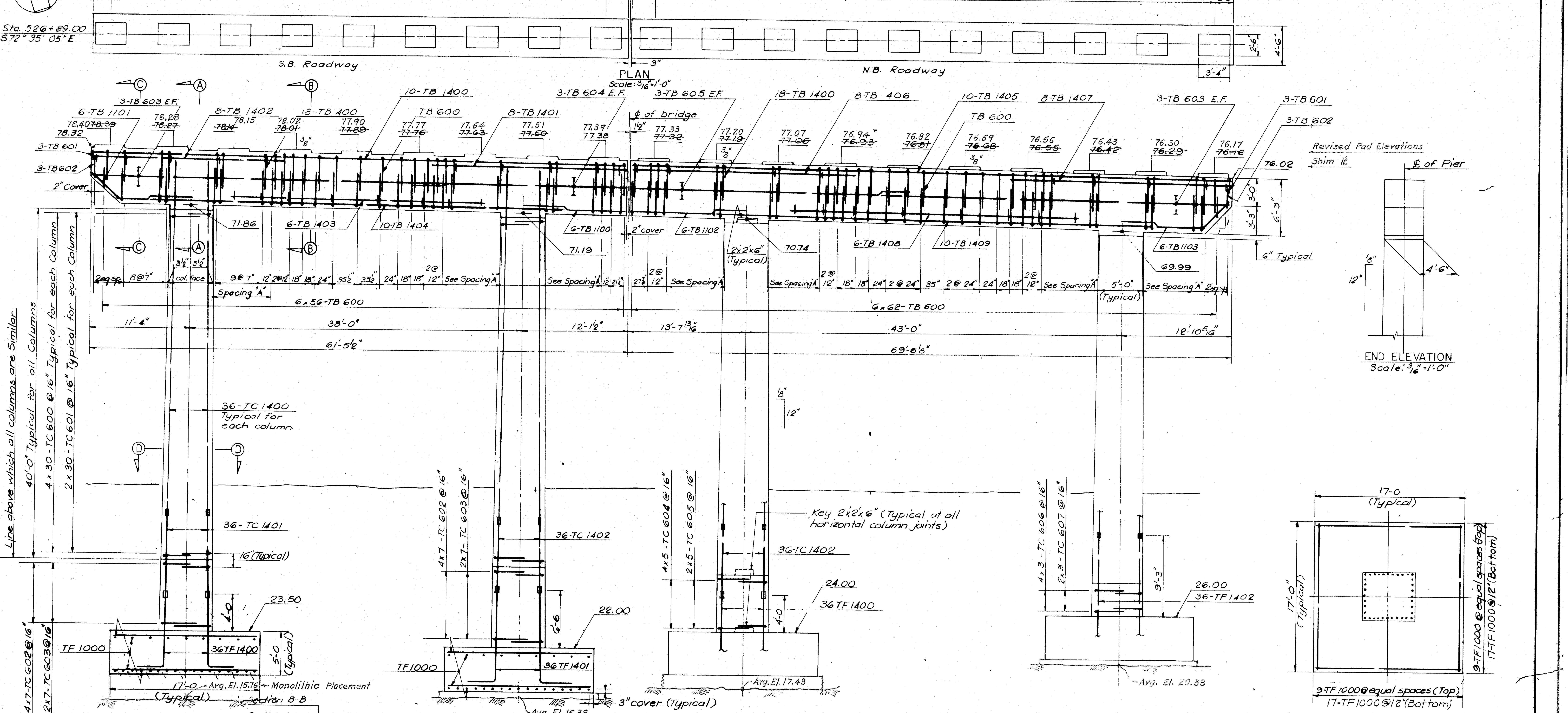
NEW HAMPSHIRE
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
AND
MAINE STATE HIGHWAY COMMISSION
INTERSTATE 95 BRIDGE
OVER
PISCATAQUA RIVER
BETWEEN
PORTSMOUTH, NEW HAMPSHIRE AND KITTERY, MAINE
NEW HAMPSHIRE APPROACH

PIER 17S

SHEET 18 OF 75

128-157

B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	1—95—1 (22)16	19	75



ELEVATION

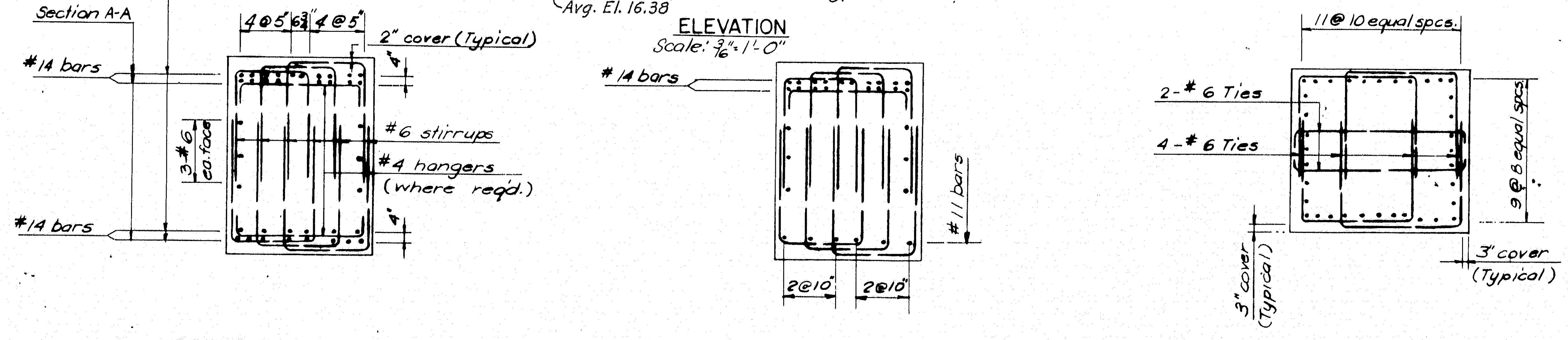
Scale: 3/16"=1'-0"

9-TF 1000 @ equal spaces (Top)

17-TF 1000 @12" (Bottom)

TYPICAL FOOTING PLAN

Scale: 3/16"=1'-0"



SECTIONS A-A & B-B

Scale: 3/8"=1'-0"

SECTION C-C

Scale: 3/8"=1'-0"

SECTION D-D

Scale: 3/8"=1'-0"

For As Built Reinforcing Steel Details
See Bancroft & Martin
Placing Drawings & Bar Lists.

For note on As-Built Elevations
see sh. 17.

AS BUILT
R.W. Christie 2/5/73

HARDESTY & HANOVER
CONSULTING ENGINEERS
NEW YORK, N. Y.

DESIGN — T. C. Thompson
TRACE — N. Hatton
CHECK — J. M. Stedman

BRIDGE NO.
IN CHARGE
OF — R.W. Christie

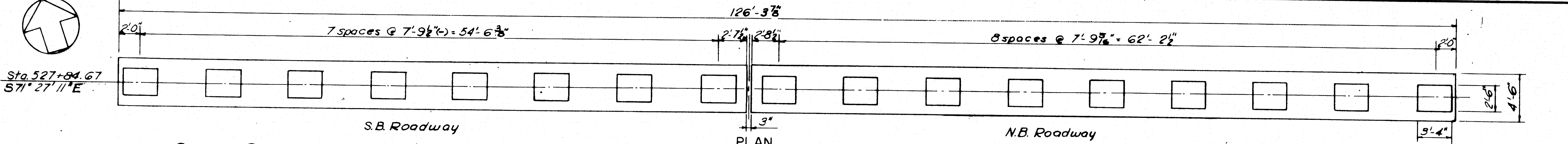
NEW HAMPSHIRE
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
AND
MAINE STATE HIGHWAY COMMISSION
INTERSTATE 95 BRIDGE
OVER
PISCATAQUA RIVER
BETWEEN
PORTSMOUTH, NEW HAMPSHIRE AND KITTERY, MAINE
NEW HAMPSHIRE APPROACH

PIER 16 S

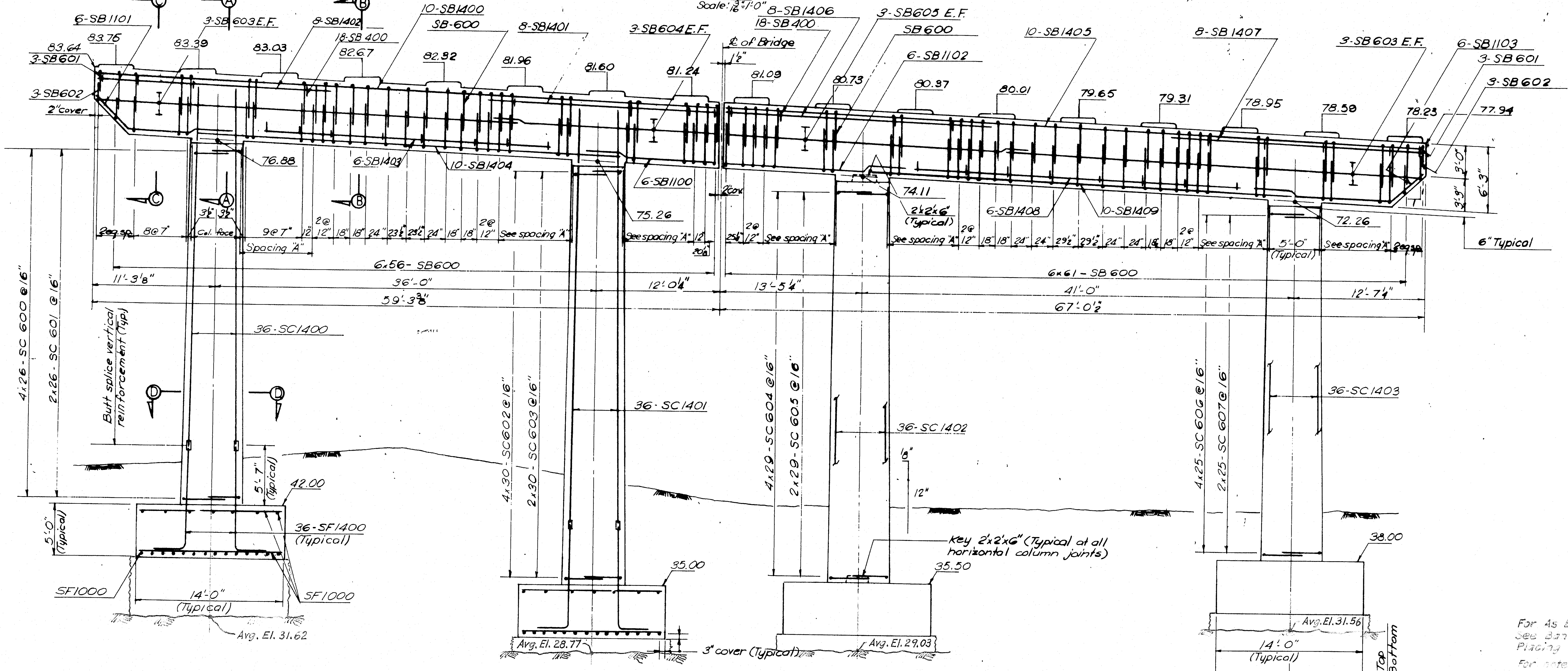
SHEET 19 OF 75

128-158

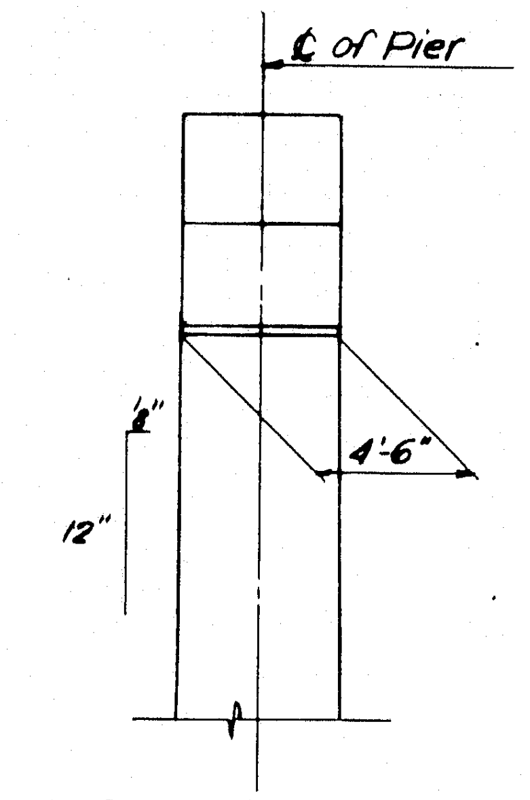
B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	1-95-1 (22)16	20	75



PLAN
Scale: 3/16"=1'-0"



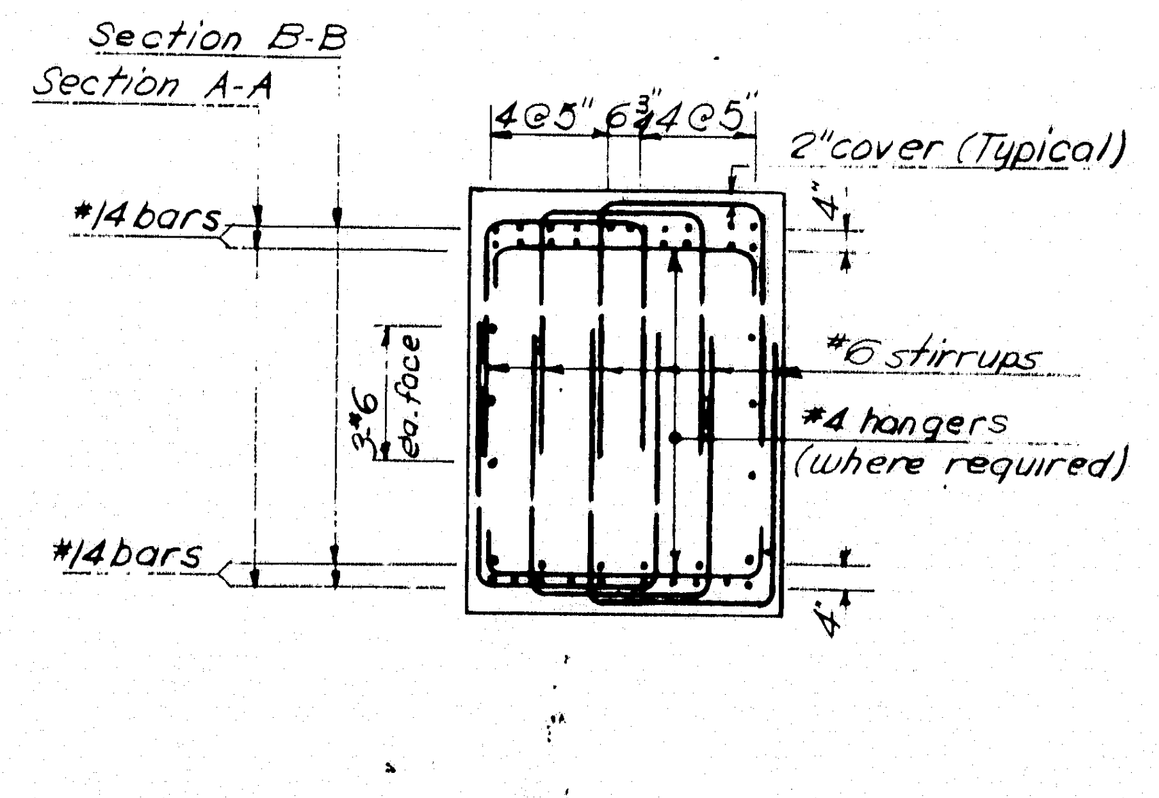
ELEVATION
Scale: 3/16"=1'-0"



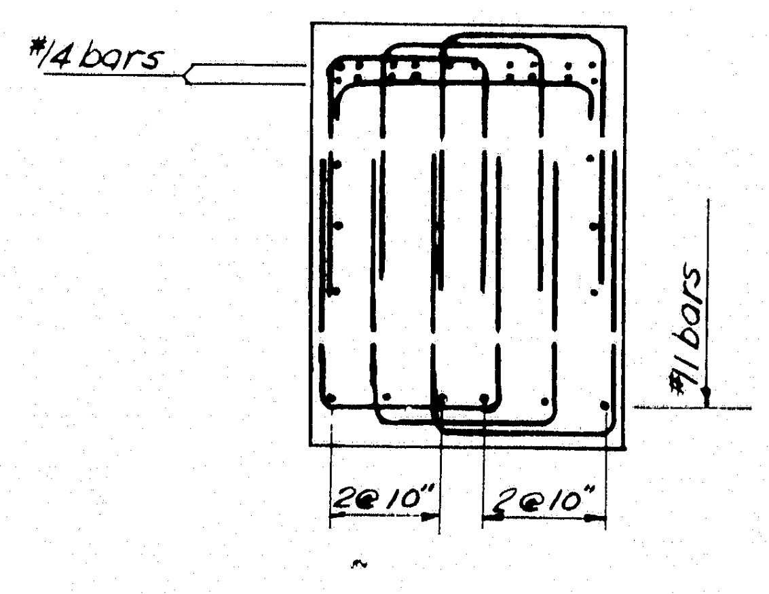
END ELEVATION
Scale: 3/16"=1'-0"

For As Built Reinforcing Steel Details
See Bancroft & Martin
Placing Drawings & Bar Lists.

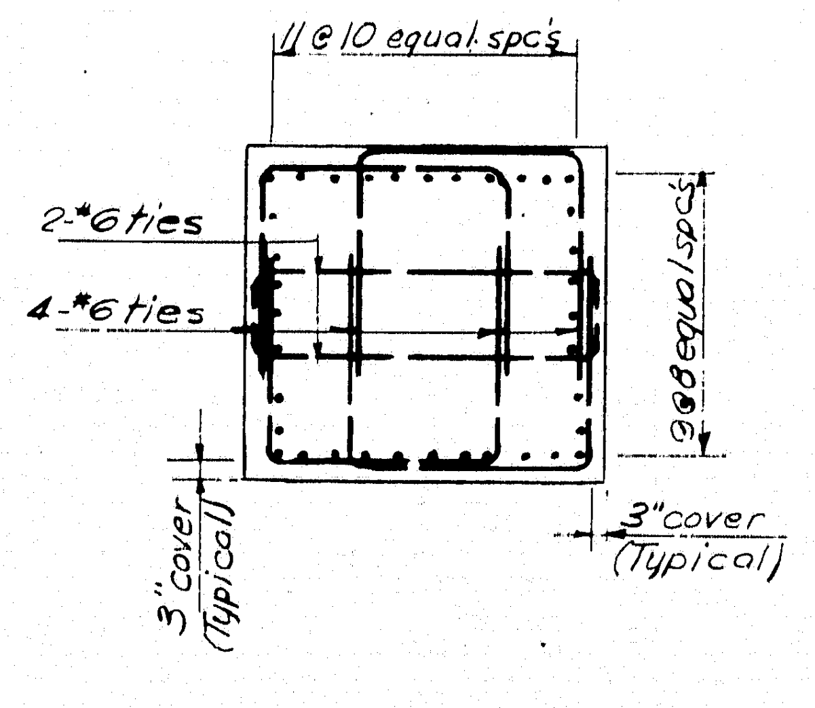
For note on As-Built Elevations
see Sh. 17.



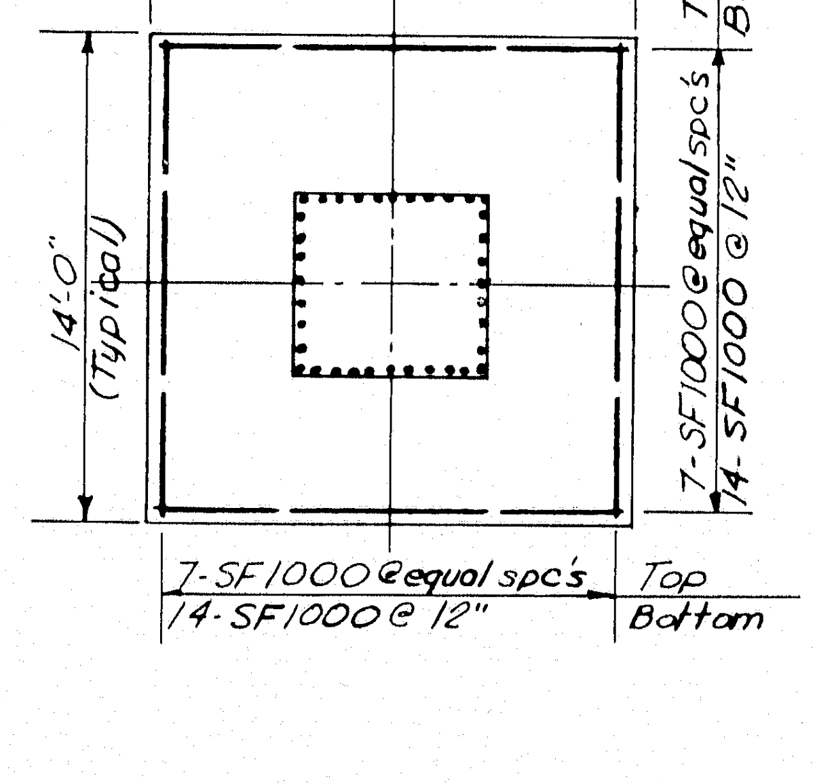
SECTIONS A-A & B-B
Scale: 3/8"=1'-0"



SECTION C-C
Scale: 3/8"=1'-0"



SECTION D-D
Scale: 3/8"=1'-0"



TYPICAL FOOTING PLAN
Scale: 3/16"=1'-0"

AS BUILT
R. W. Christie 2/5/73

DESIGN — T. C. Thompson
TRACE — K. V. Mateo
CHECK — J. M. Fields

BRIDGE NO.
IN CHARGE OF — R. W. Christie

NEW HAMPSHIRE
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
AND
MAINE STATE HIGHWAY COMMISSION
INTERSTATE 95 BRIDGE
OVER
PISCATAQUA RIVER
BETWEEN
PORTSMOUTH, NEW HAMPSHIRE AND KITTERY, MAINE
NEW HAMPSHIRE APPROACH

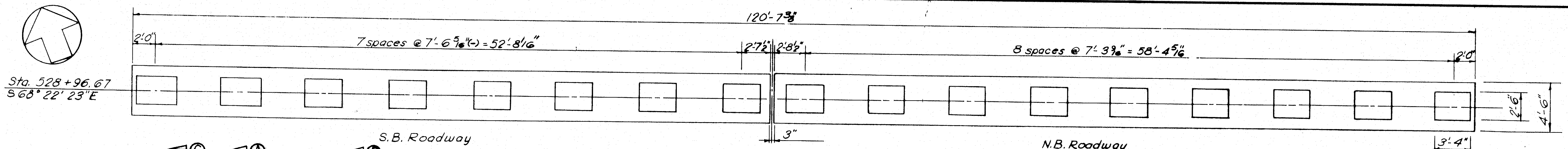
PIER 15S

SHEET 20 OF 75

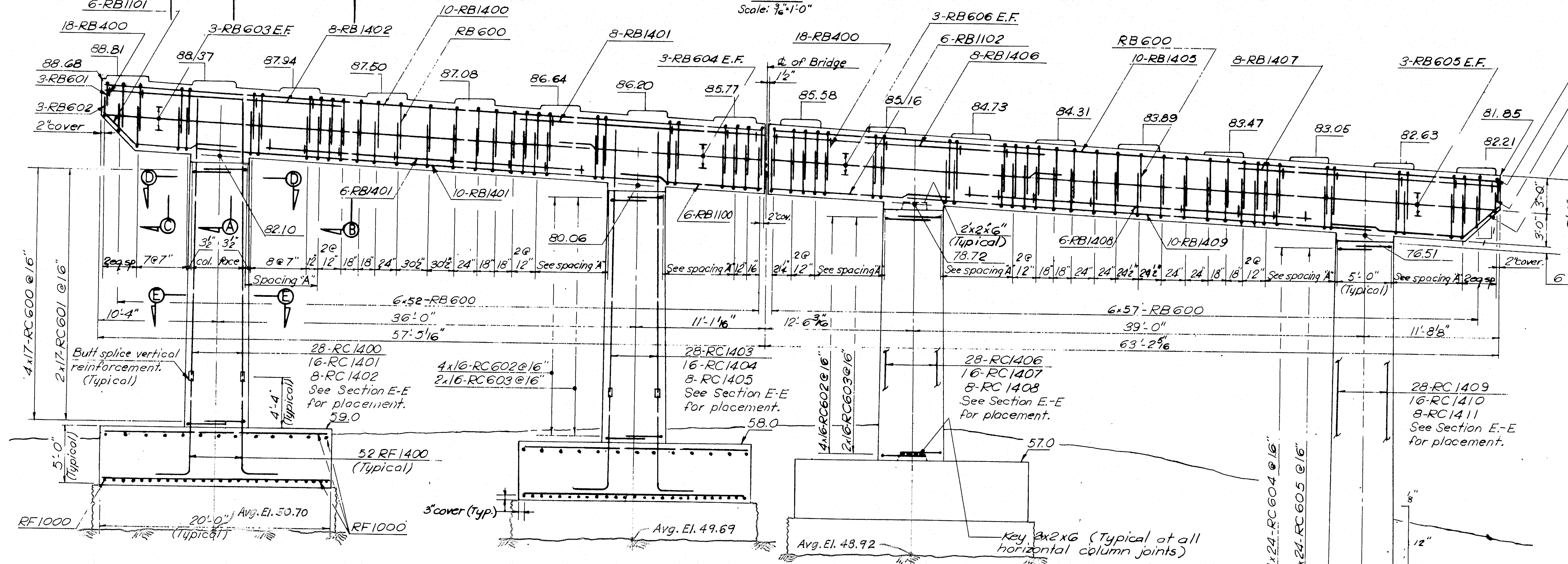
HARDESTY & HANOVER
CONSULTING ENGINEERS
NEW YORK, N. Y.

128-159

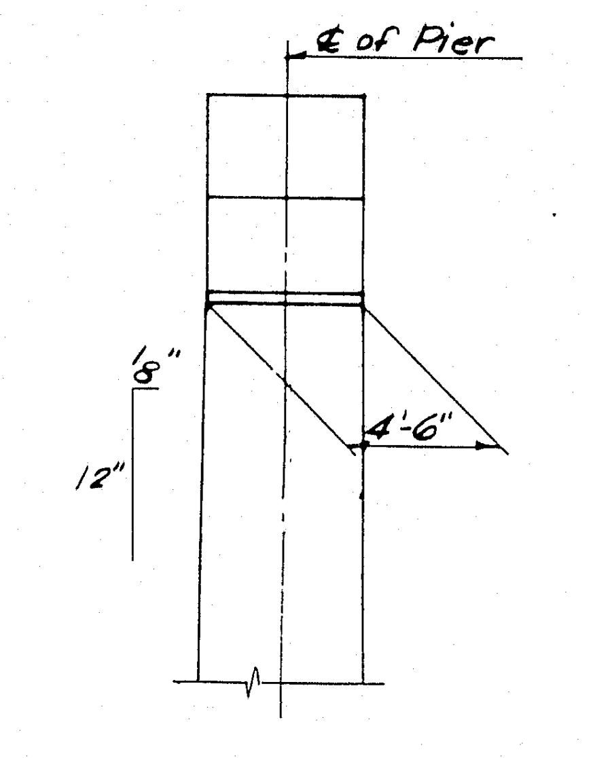
B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	I-95-1(22)16	21	75



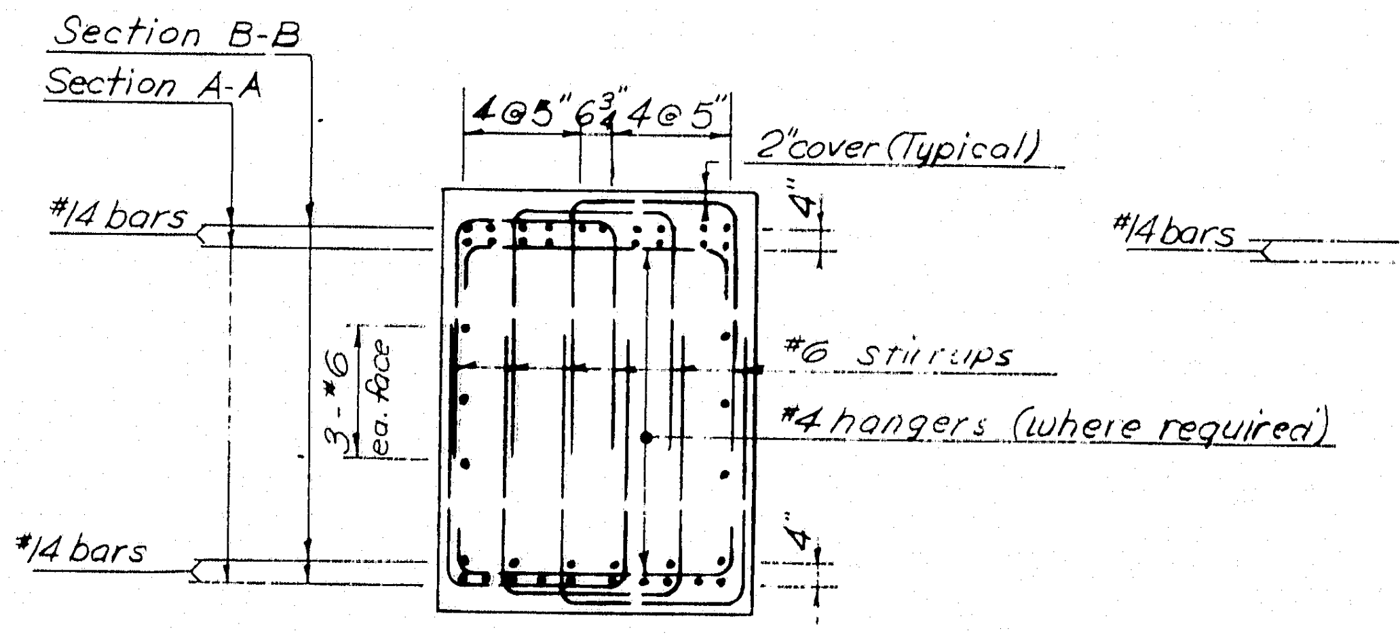
PLAN
Scale: 3/16"=1'-0"



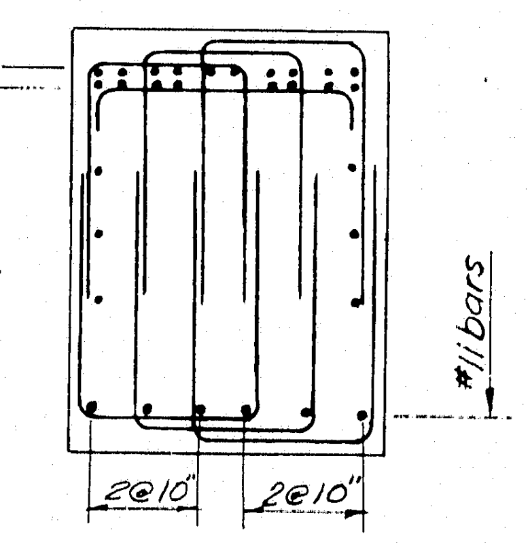
ELEVATION
Scale: 3/16"=1'-0"



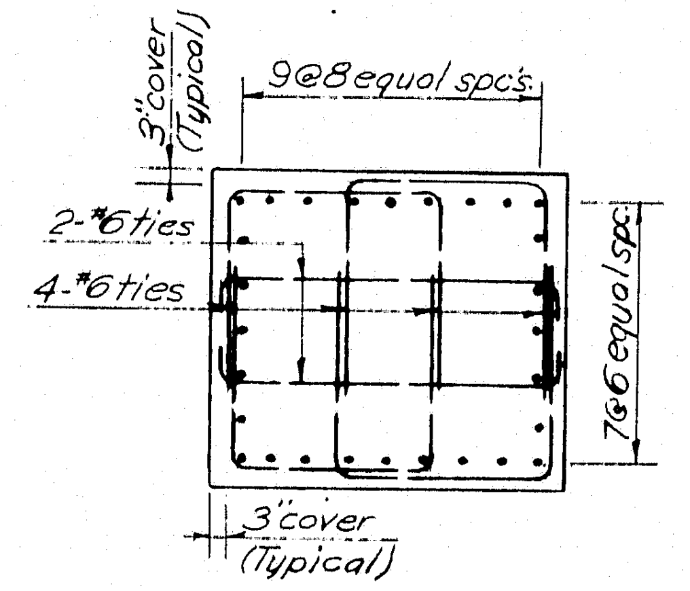
END ELEVATION
Scale: 3/16"=1'-0"



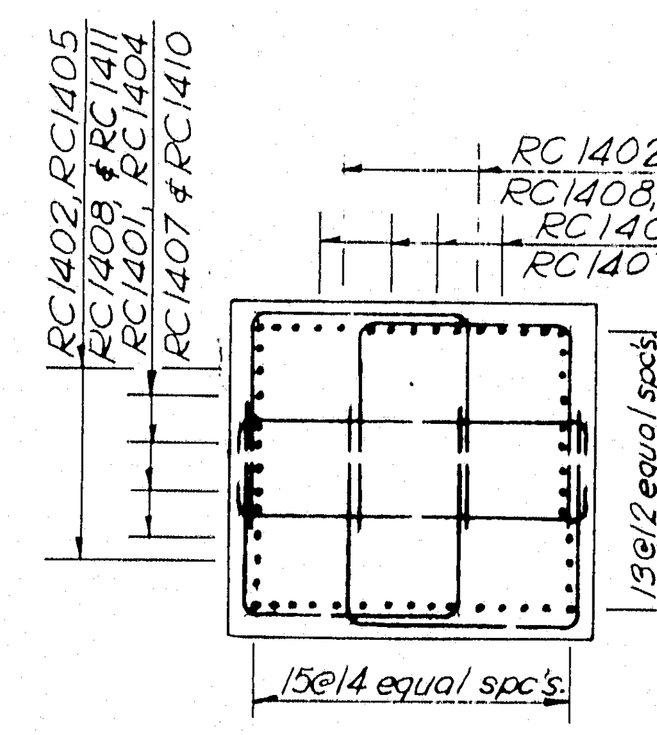
SECTIONS A-A & B-B
Scale: 3/8"=1'-0"



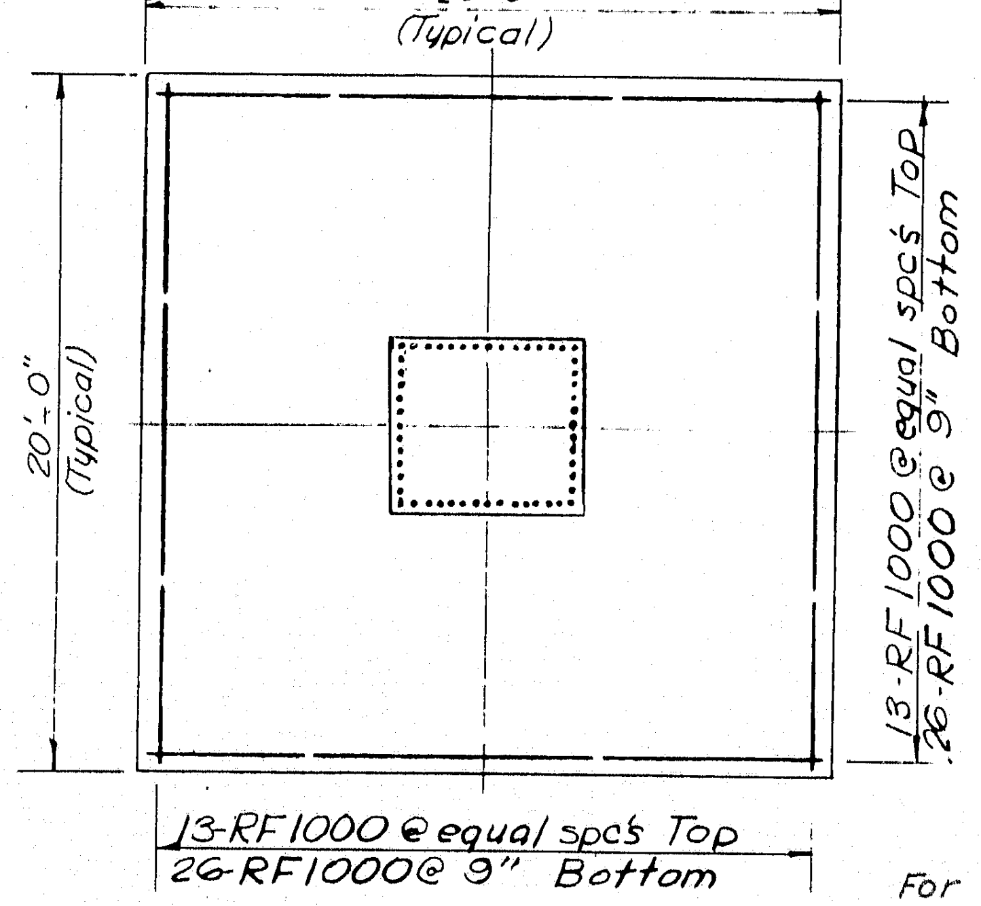
SECTION C-C
Scale: 3/8"=1'-0"



SECTION D-D
Scale: 3/8"=1'-0"

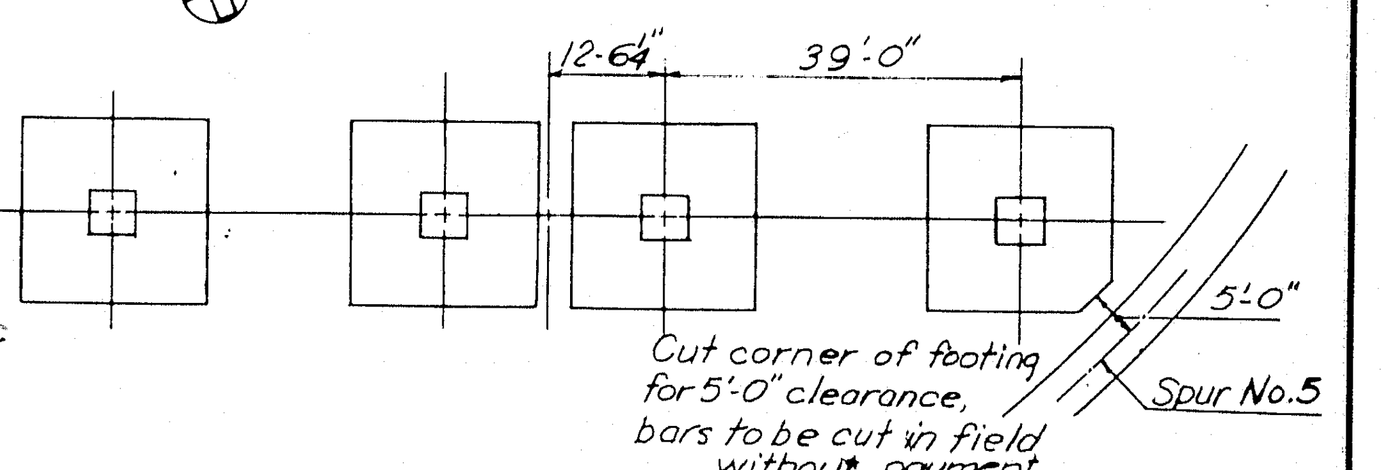


SECTION E-E
Scale: 3/8"=1'-0"



TYPICAL FOOTING PLAN
Scale: 3/16"=1'-0"

For note on As-Built Elevations see sh. 17.



12'-6 1/4"
39'-0"
5'-0"
Cut corner of footing for 5'-0" clearance, bars to be cut in field without payment.
Spur No. 5

KEY PLAN
Scale: 1"=20'

For As Built Reinforcing Steel Details see Bancroft & Martin Placing Drawings & Bar Lists.

AS BUILT
R. W. Christie 2/5/73

DESIGN — T. C. Thompson
TRACE — K. Matias
CHECK — J. M. Fulum

BRIDGE NO.
IN CHARGE OF — R. W. Christie

NEW HAMPSHIRE
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
AND
MAINE STATE HIGHWAY COMMISSION
INTERSTATE 95 BRIDGE
OVER
PISCATAQUA RIVER
BETWEEN
PORTSMOUTH, NEW HAMPSHIRE AND KITTERY, MAINE
NEW HAMPSHIRE APPROACH

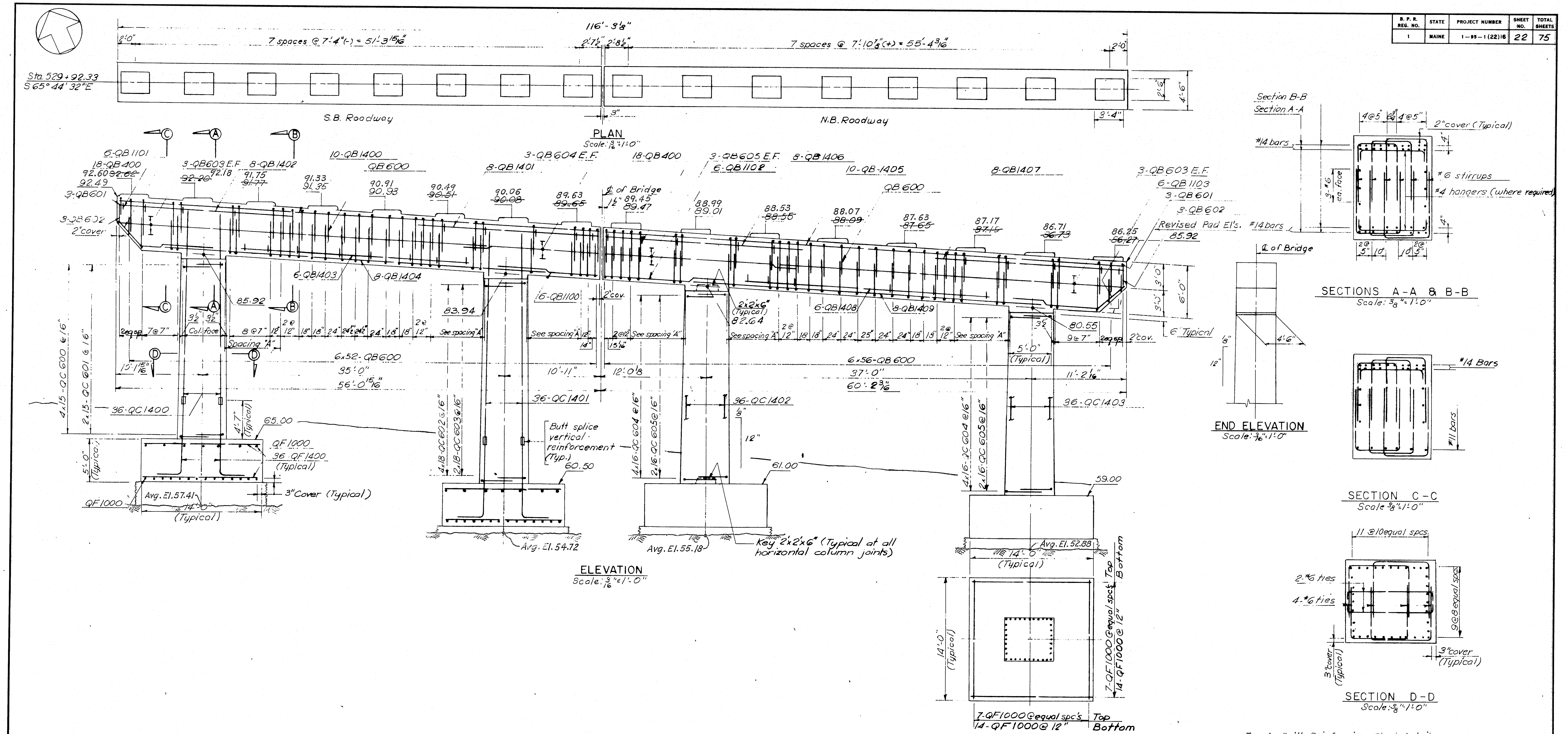
PIER 14S

SHEET 21 OF 75

HARDESTY & HANOVER
CONSULTING ENGINEERS
NEW YORK, N. Y.

128-160

B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	1—95—1 (22) 16	22	75



For As Built Reinforcing Steel Details
See Bancroft & Martin
Placing Drawings & Bar Lists.

For note on As-Built Elevations
see sh. 17.

AS BUILT
R. W. Christi 2/5/73

DESIGN – T. C. Thompson
TRACE – N. Matera
CHECK – J. M. Fadem

BRIDGE NO.
IN CHARGE OF – R. W. Christi

HARDESTY & HANOVER
CONSULTING ENGINEERS
NEW YORK, N. Y.

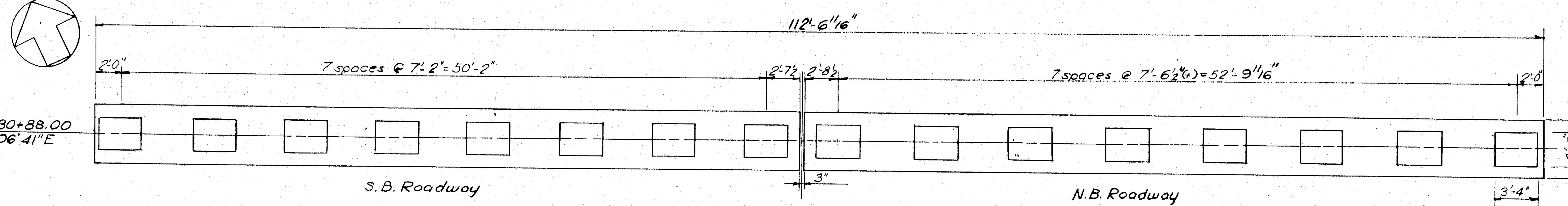
NEW HAMPSHIRE
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
AND
MAINE STATE HIGHWAY COMMISSION
INTERSTATE 95 BRIDGE
OVER
PISCATAQUA RIVER
BETWEEN
PORTSMOUTH, NEW HAMPSHIRE AND KITTERY, MAINE
NEW HAMPSHIRE APPROACH

PIER 13S

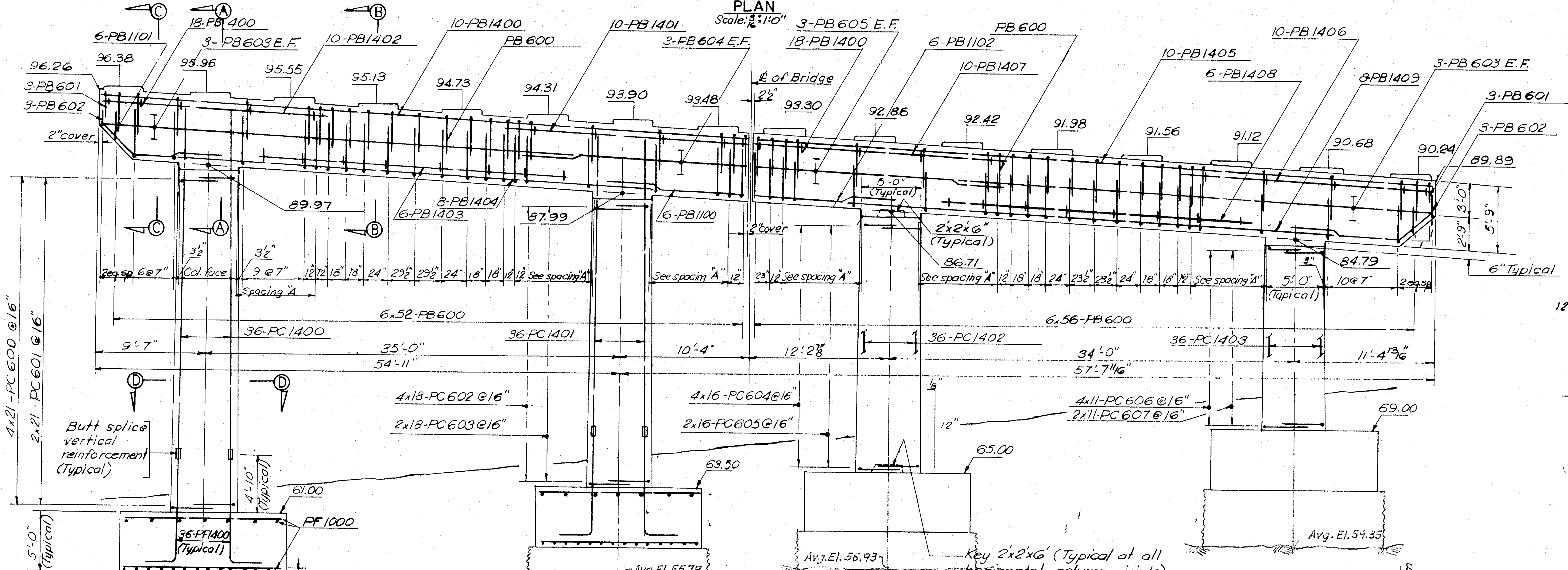
SHEET 22 OF 75

128-161

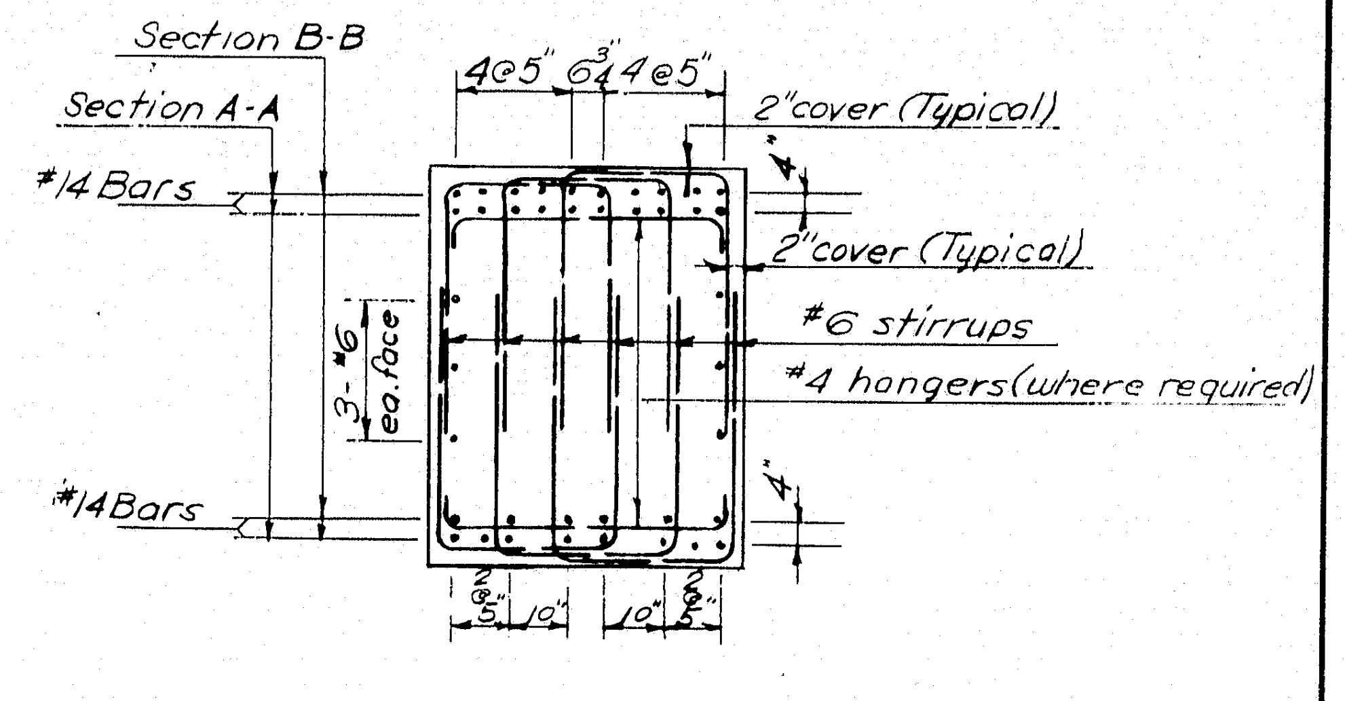
B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	1—95—1(22)16	23	75



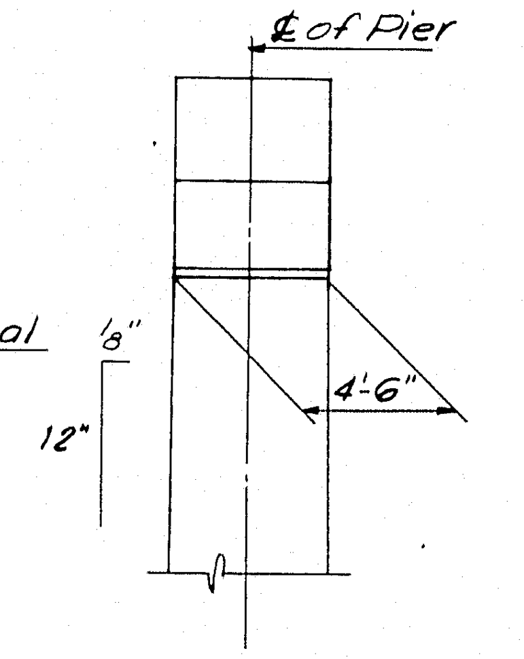
PLAN
Scale: 3/16" = 1'-0"



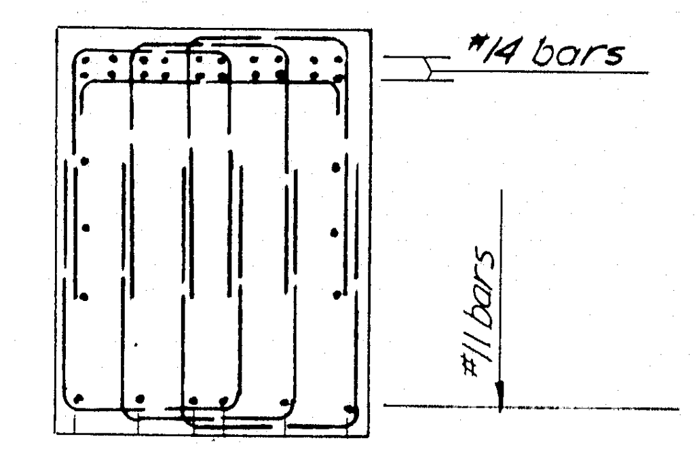
ELEVATION
Scale: 3/16" = 1'-0"



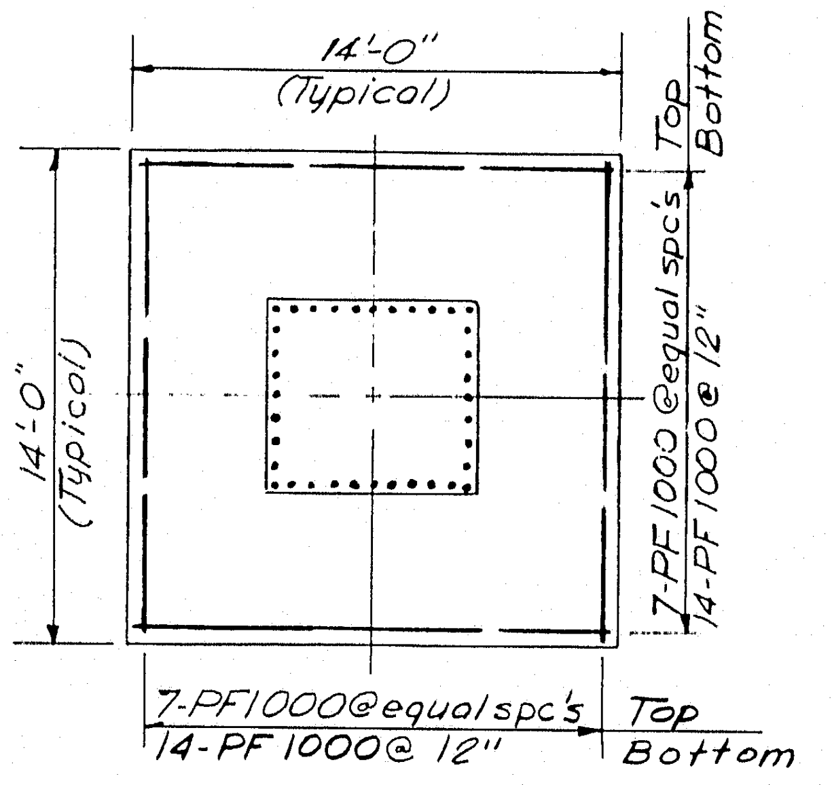
SECTIONS A-A & B-B
Scale 3/8" = 1'-0"



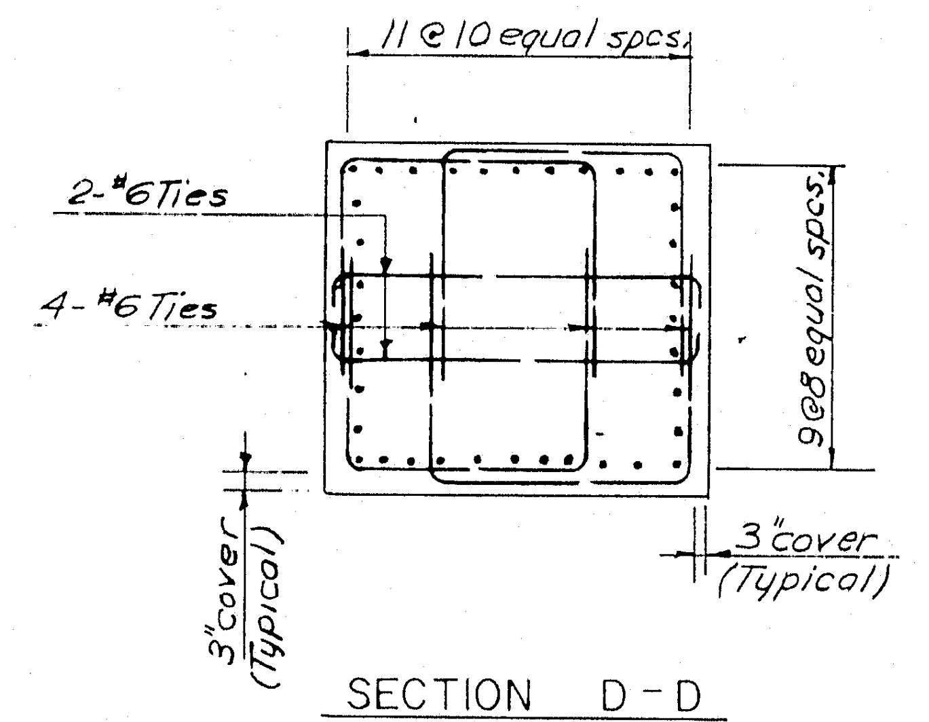
END ELEVATION
Scale: 3/16" = 1'-0"



SECTION C-C
Scale: 3/8" = 1'-0"



TYPICAL FOOTING PLAN
Scale: 3/16" = 1'-0"



SECTION D-D
Scale: 3/8" = 1'-0"

For As Built Reinforcing Steel Details
See Bancroft & Martin
Placing Drawings & Bar Lists.

AS BUILT
R. W. Christie 2/5/73

For note on As-Built
Elevations see sh. 17.

DESIGN — T. C. Thompson
TRACE — N. V. Mattia
CHECK — J. M. [illegible]

BRIDGE NO.
IN CHARGE OF — R. W. Christie

NEW HAMPSHIRE
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
AND
MAINE STATE HIGHWAY COMMISSION
INTERSTATE 95 BRIDGE
OVER
PISCATAQUA RIVER
BETWEEN
PORTSMOUTH, NEW HAMPSHIRE AND KITTERY, MAINE
NEW HAMPSHIRE APPROACH

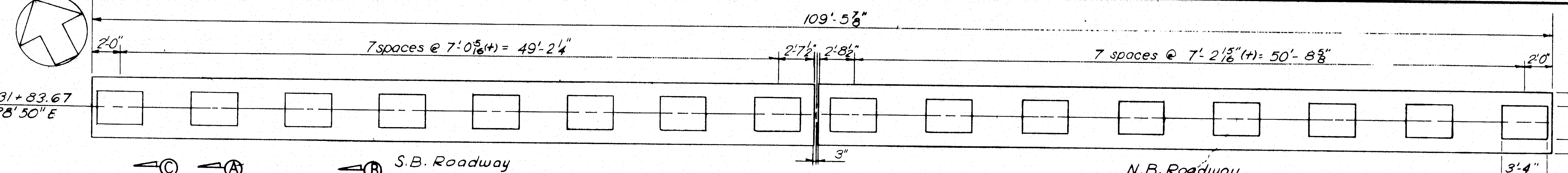
PIER 12S

SHEET 23 OF 75

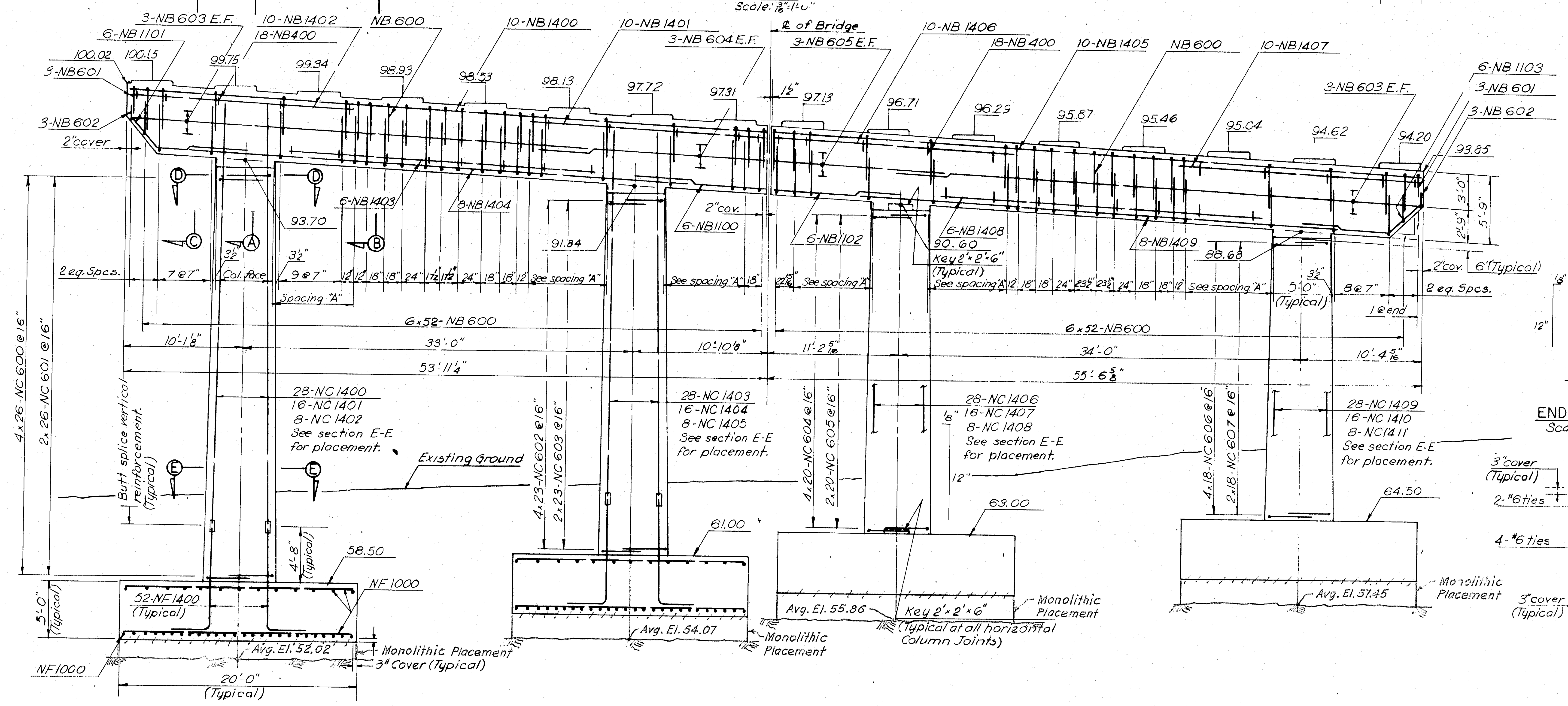
HARDESTY & HANOVER
CONSULTING ENGINEERS
NEW YORK, N. Y.

128-162

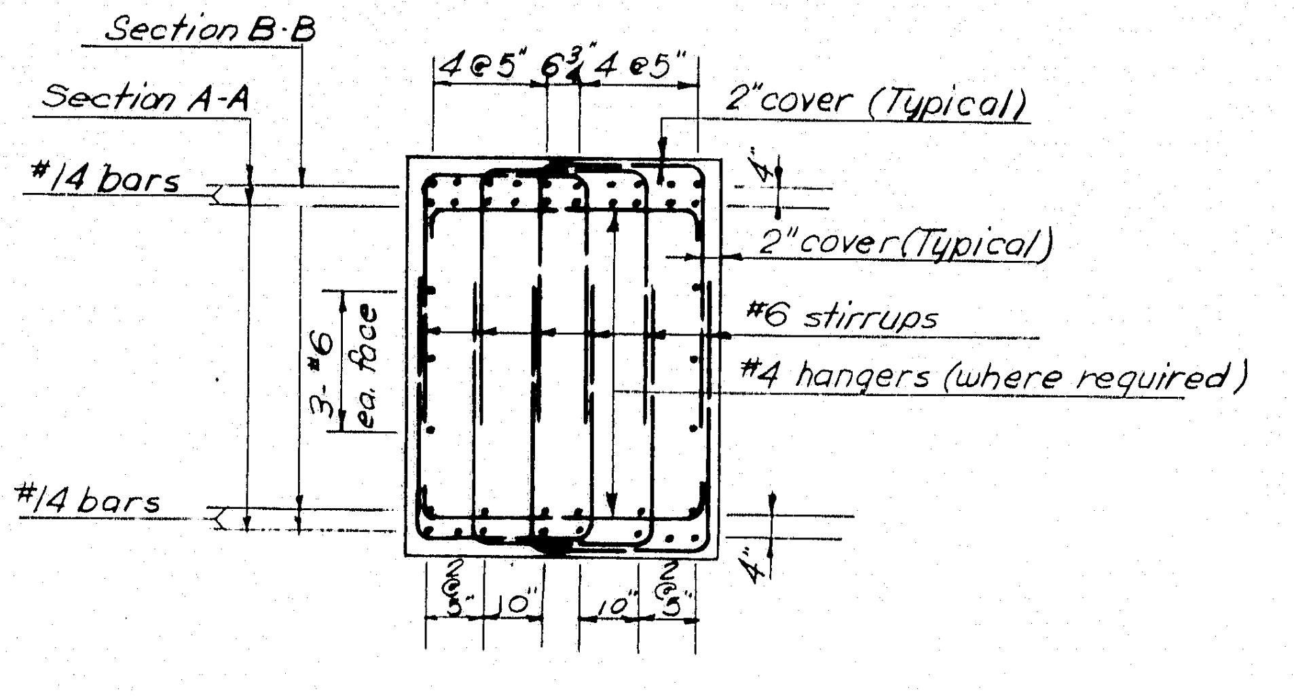
B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	1-95-1(22)16	24	75



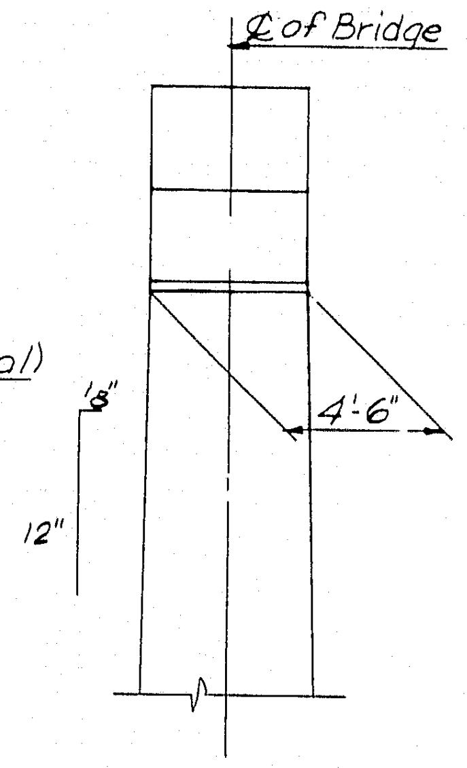
PLAN
Scale: 1/16" = 1'-0"



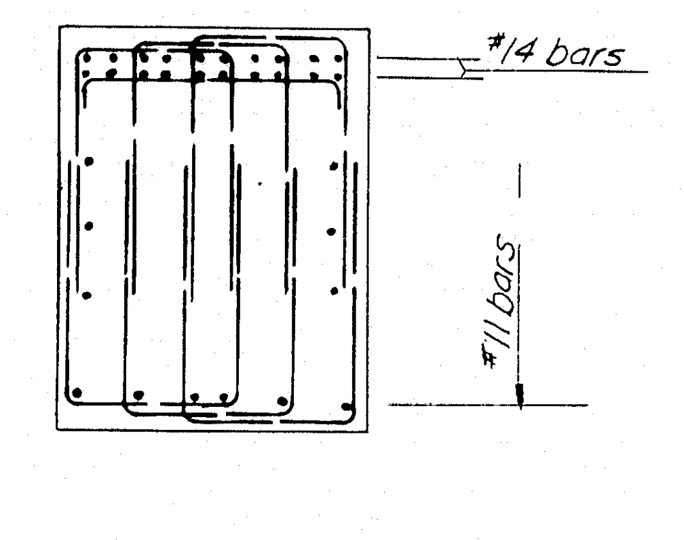
ELEVATION
Scale: 3/16" = 1'-0"



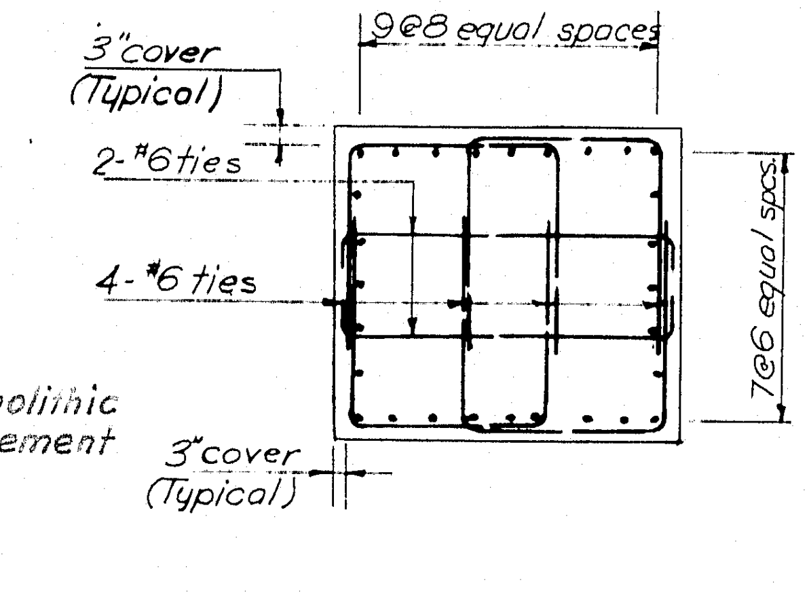
SECTIONS A-A & B-B
Scale: 3/8" = 1'-0"



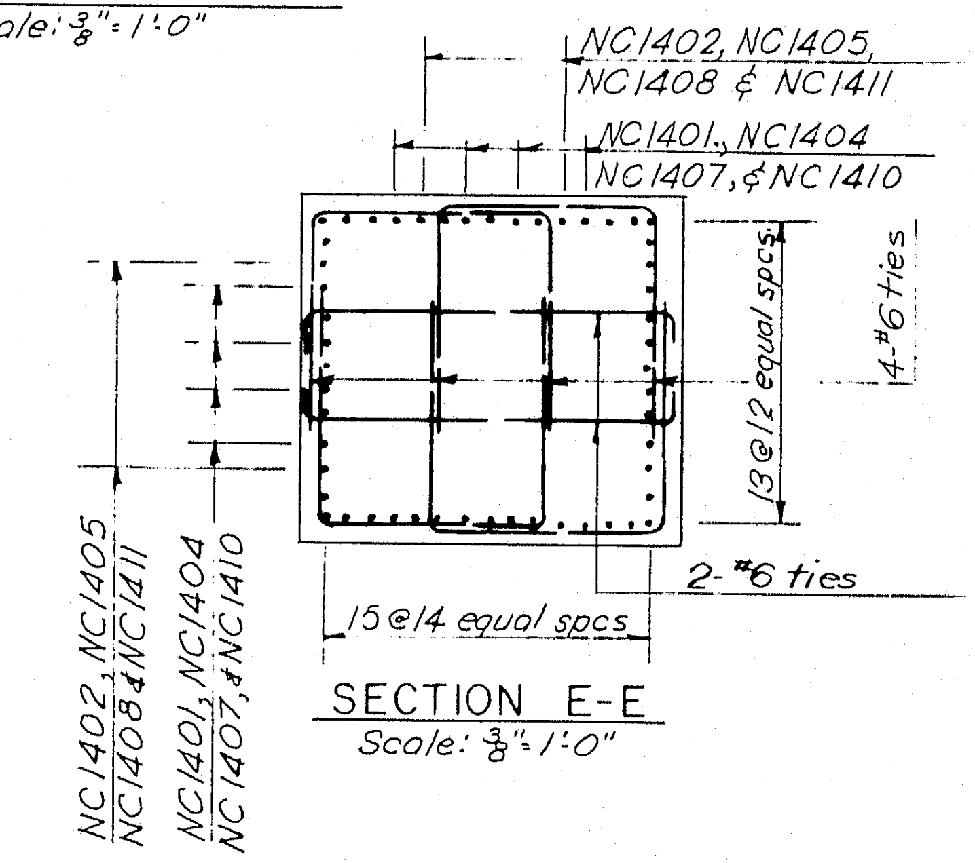
END ELEVATION
Scale: 3/16" = 1'-0"



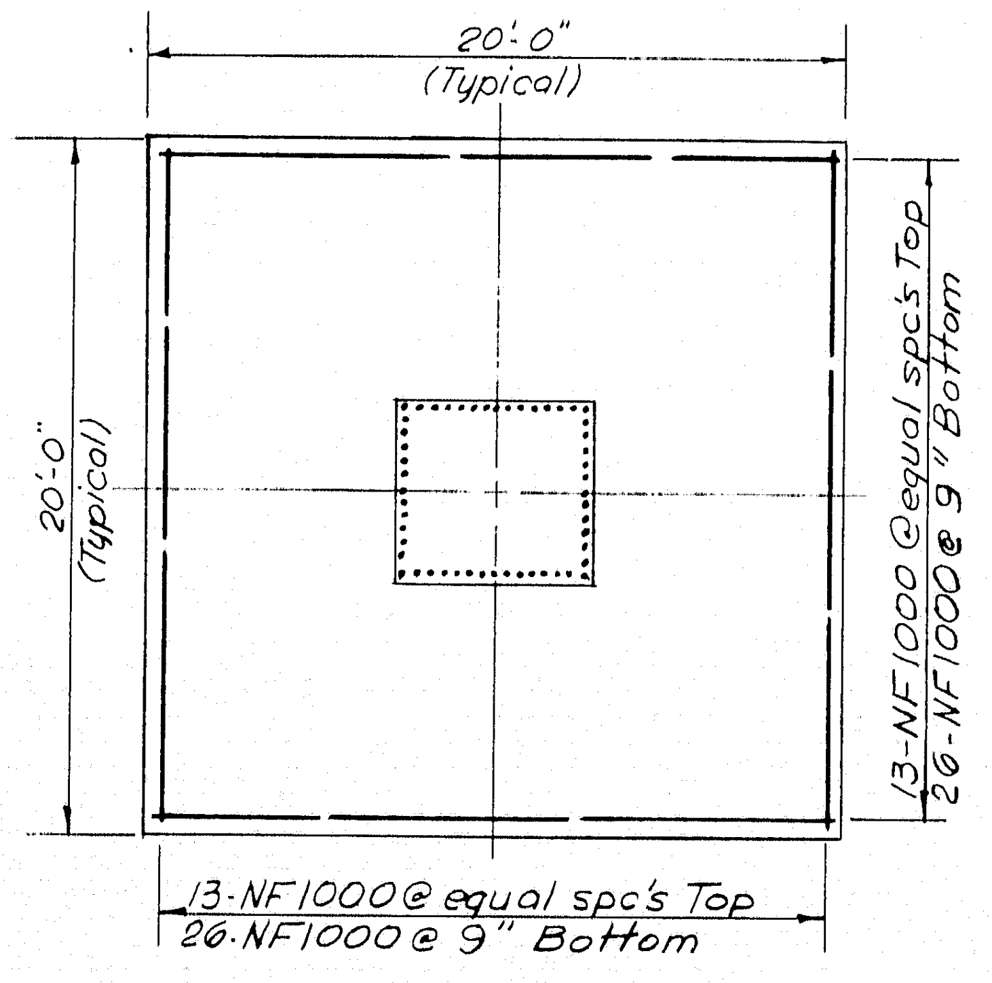
SECTION C-C
Scale: 3/8" = 1'-0"



SECTION D-D
Scale: 3/8" = 1'-0"



SECTION E-E
Scale: 3/8" = 1'-0"



TYPICAL FOOTING PLAN
Scale: 3/16" = 1'-0"

For As Built Reinforcing Steel Details
See Bancroft & Martin
Placing Drawings & Bar Lists.

For note on As-Built Elevations
see sh. 17.

AS BUILT
R.W. Christi 2/5/73

DESIGN – T.C. Thompson
TRACE –
CHECK –

BRIDGE NO.
IN CHARGE OF – R.W. Christi

NEW HAMPSHIRE
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
AND
MAINE STATE HIGHWAY COMMISSION
INTERSTATE 95 BRIDGE
OVER
PISCATAQUA RIVER
BETWEEN
PORTSMOUTH, NEW HAMPSHIRE AND KITTERY, MAINE
NEW HAMPSHIRE APPROACH

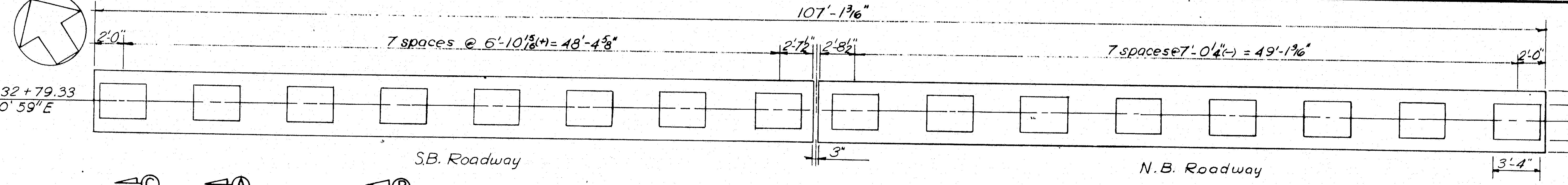
PIER 11 S

SHEET 24 OF 75

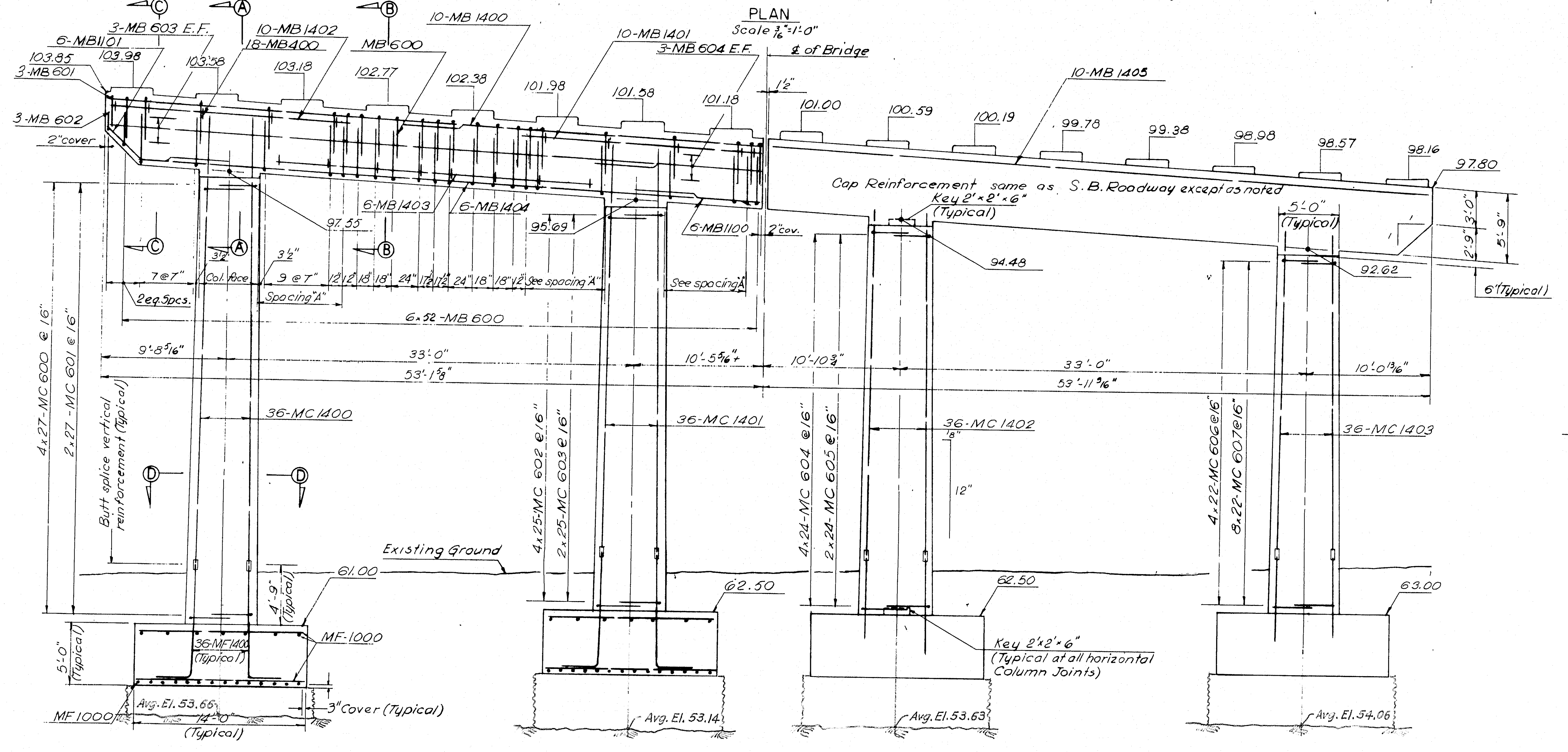
HARDESTY & HANOVER
CONSULTING ENGINEERS
NEW YORK, N. Y.

128-163

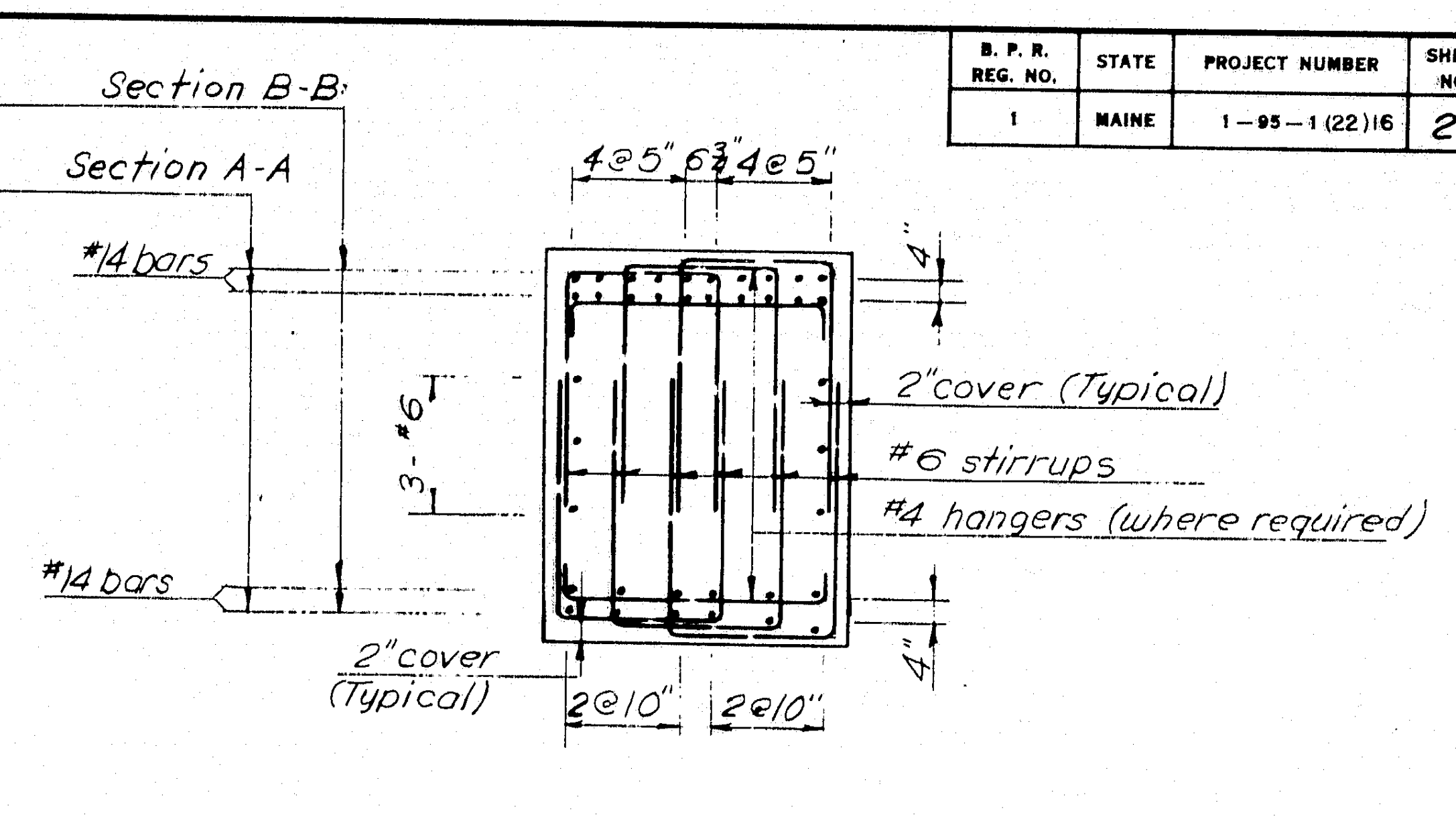
B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	1—95—1 (22) 16	25	75



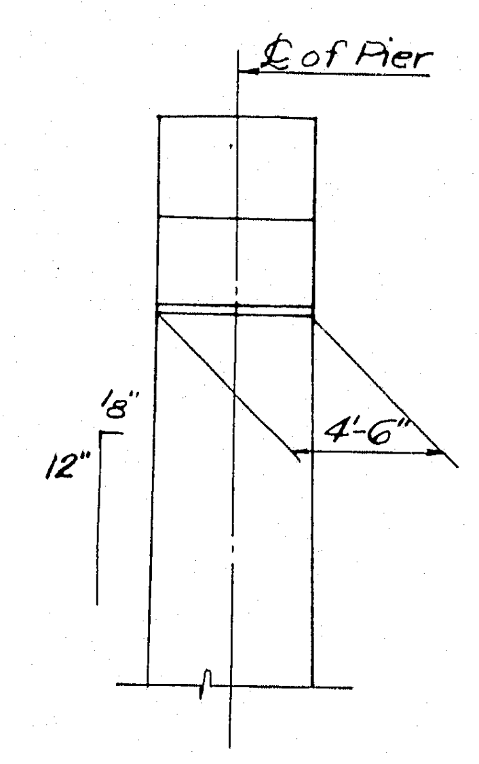
PLAN
Scale: 1/16" = 1'-0"



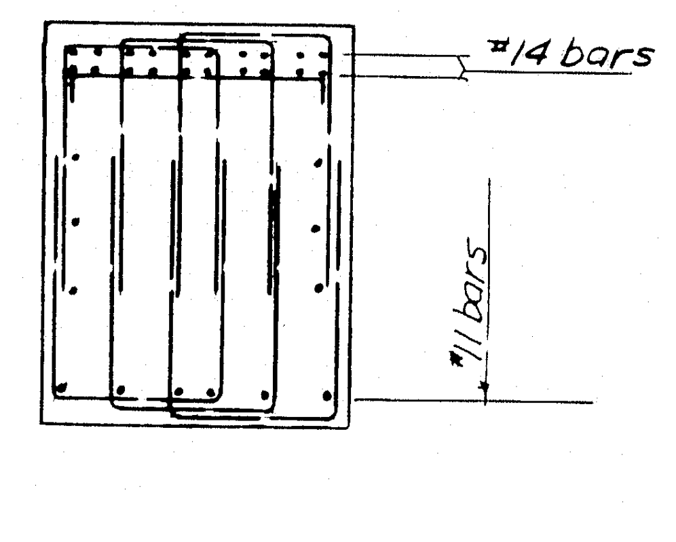
ELEVATION
Scale: 3/16" = 1'-0"



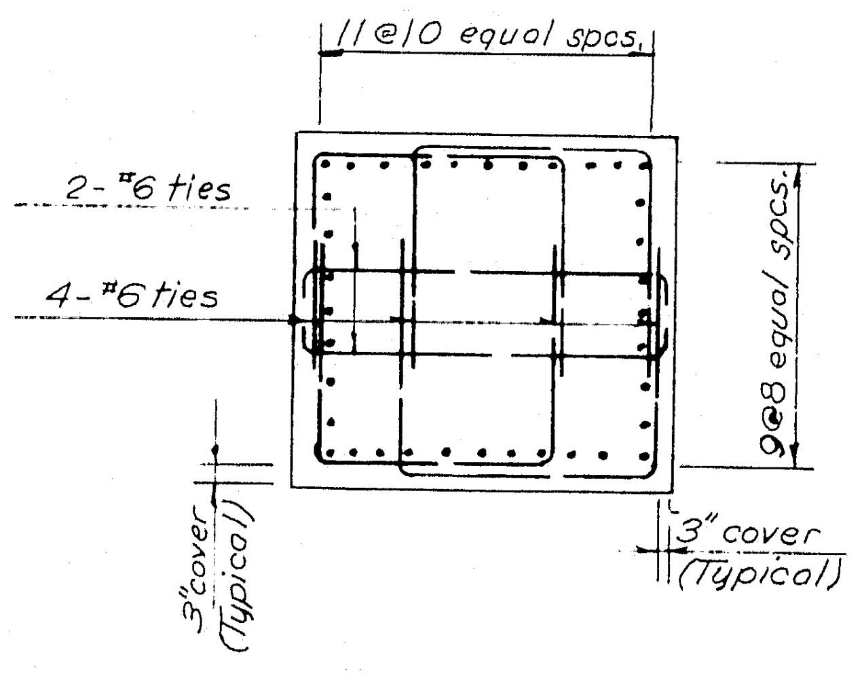
SECTIONS A-A & B-B
Scale: 3/8" = 1'-0"



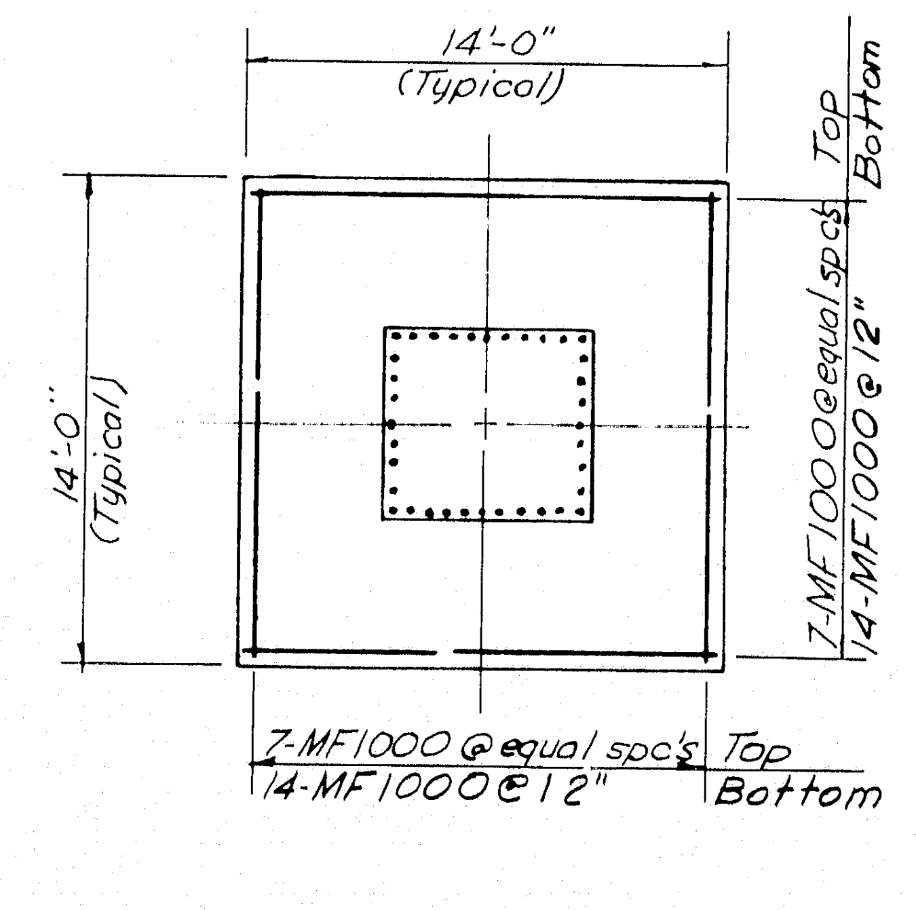
END ELEVATION
Scale: 3/16" = 1'-0"



SECTION C-C
Scale: 3/8" = 1'-0"



SECTION D-D
Scale: 3/8" = 1'-0"



TYPICAL FOOTING PLAN
Scale: 3/16" = 1'-0"

For As Built Reinforcing Steel Details
See Bancroft & Martin
Placing Drawings & Bar Lists.

For note on As-Built Elevations
see sh. 17.

AS BUILT
R.W. Christie 2/5/73

DESIGN — T. C. Thompson
TRACE — N.V. Materia
CHECK — J. M.

BRIDGE NO.
IN CHARGE OF — R.W. Christie

NEW HAMPSHIRE
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
AND
MAINE STATE HIGHWAY COMMISSION
INTERSTATE 95 BRIDGE
OVER
PISCATAQUA RIVER
BETWEEN
PORTSMOUTH, NEW HAMPSHIRE AND KITTERY, MAINE
NEW HAMPSHIRE APPROACH

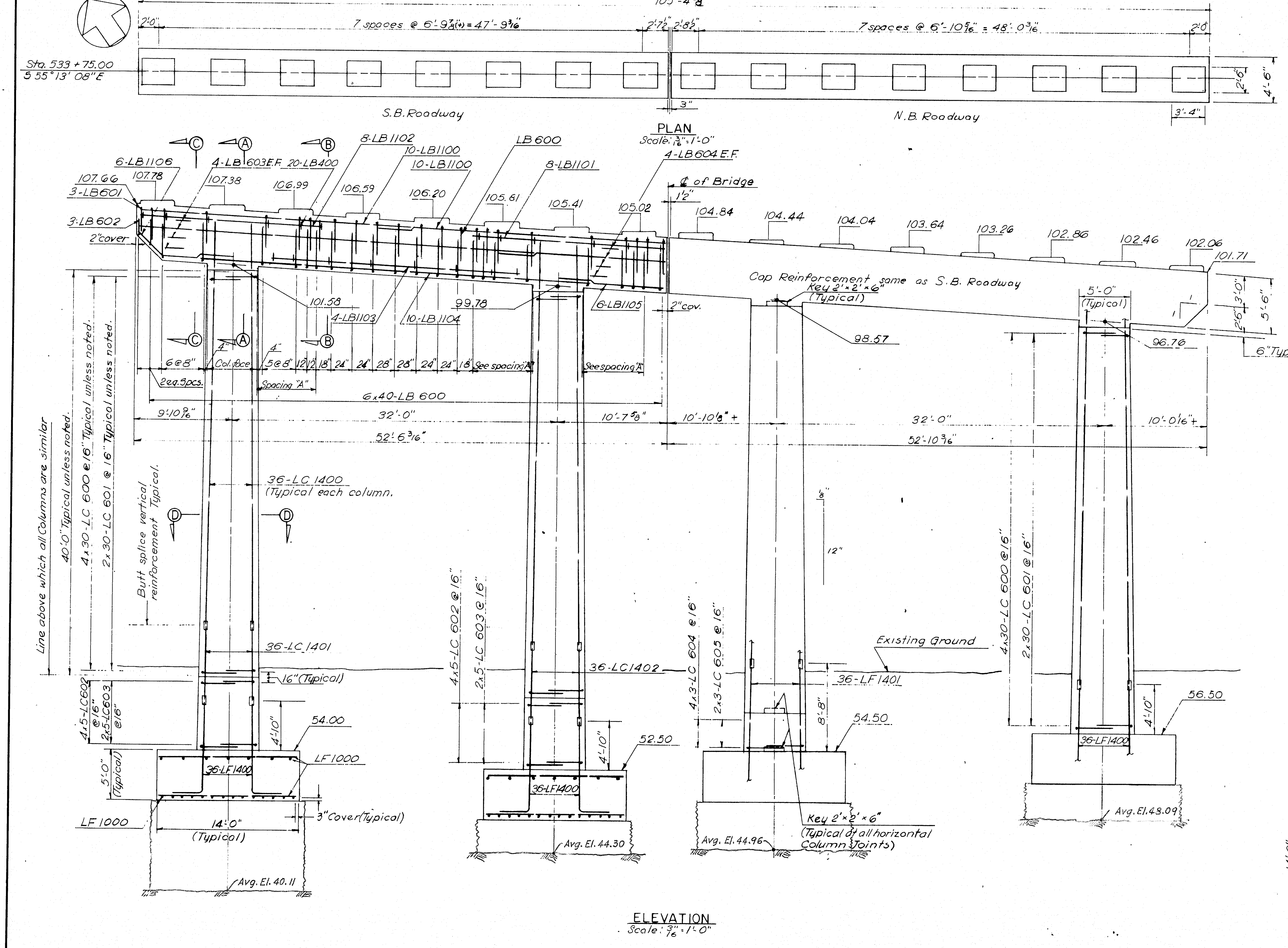
PIER 10 S

HARDESTY & HANOVER
CONSULTING ENGINEERS
NEW YORK, N. Y.

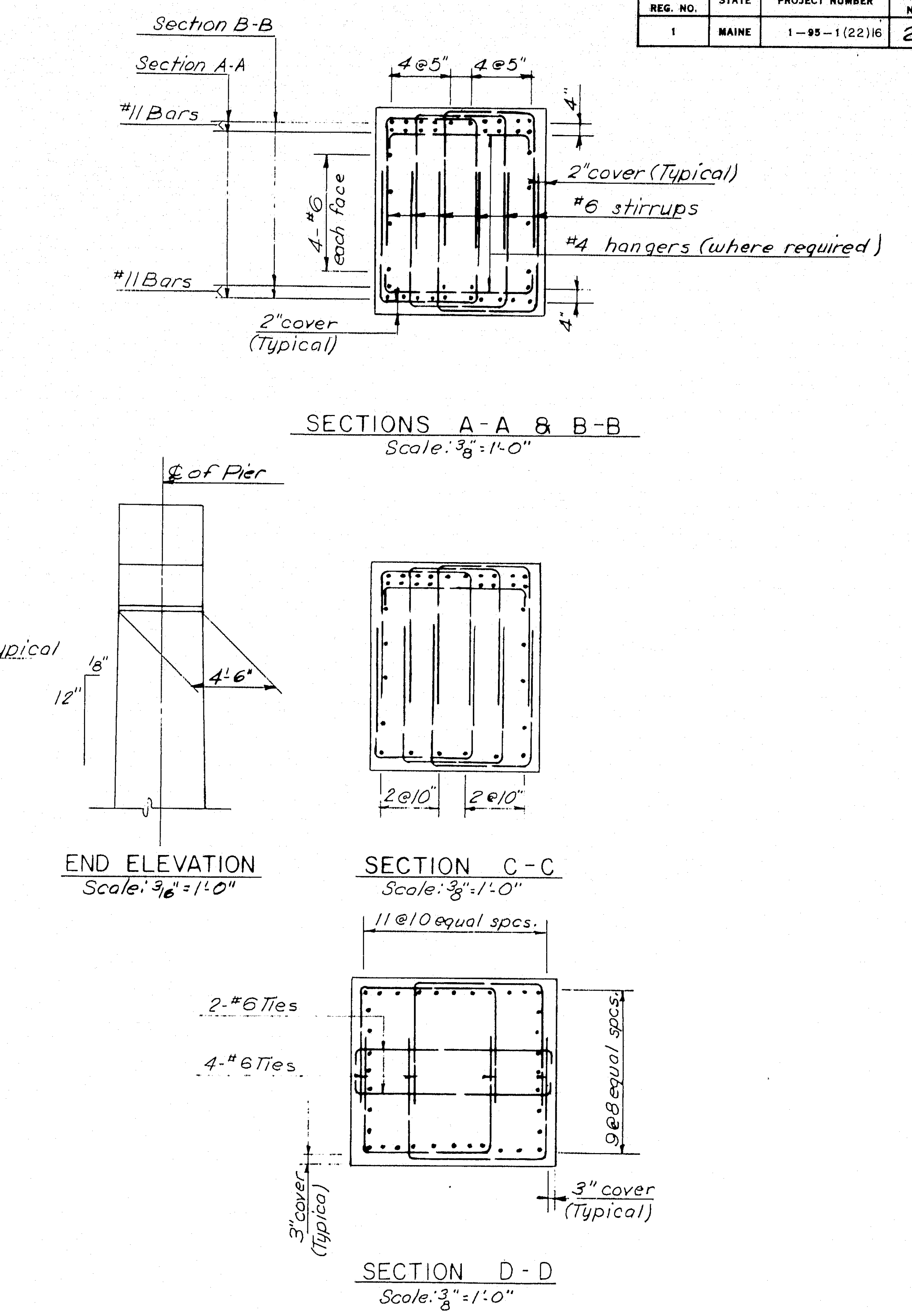
SHEET ~~26~~ 25 OF 75

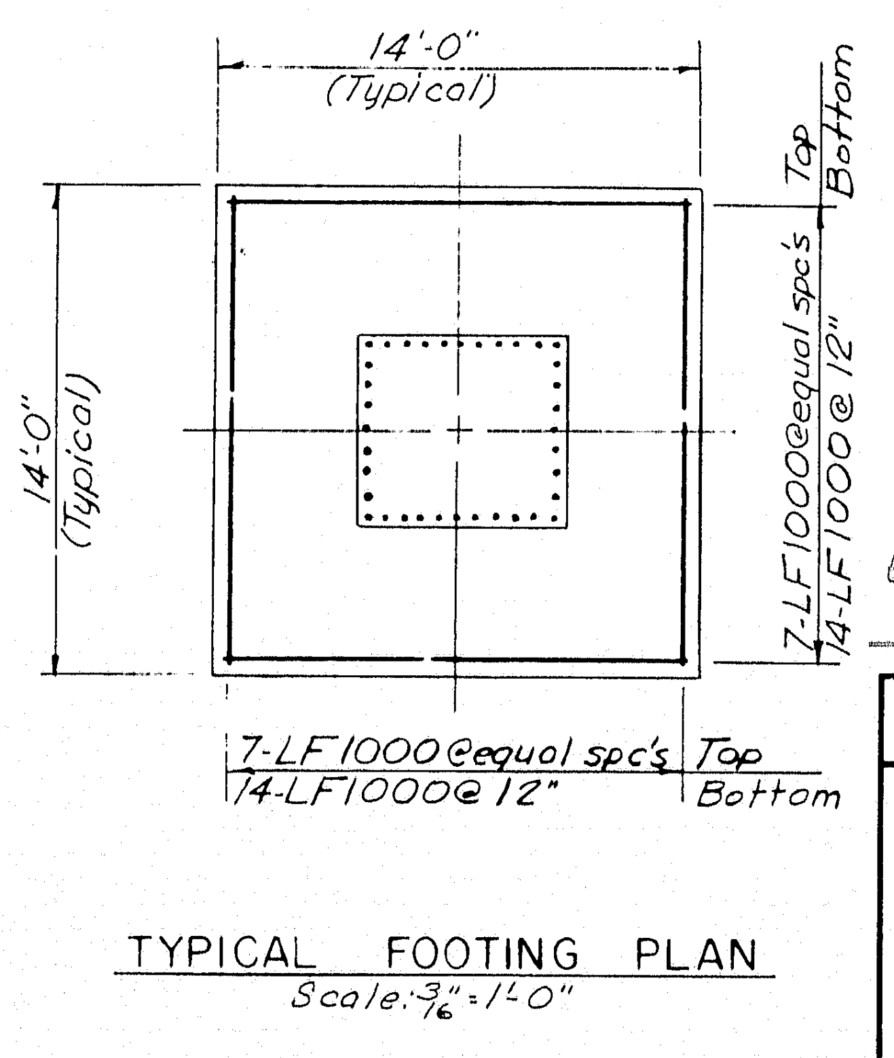
128-164

B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	1—95—1(22)16	26	75



ELEVATION
Scale: 3/16" = 1'-0"





TYPICAL FOOTING PLAN
Scale: 3/16" = 1'-0"

For As Built Reinforcing Steel Details
See Bancroft & Martin
Placing Drawings & Bar Lists.

For note on As-Built Elevations
see sh. 17.

AS BUILT
R. W. Christie 2/5/73

DESIGN — T. C. Thompson
TRACE — N. V. Mateus
CHECK — J. M. Sedum

BRIDGE NO.
IN CHARGE OF — R. W. Christie

NEW HAMPSHIRE
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
AND
MAINE STATE HIGHWAY COMMISSION
INTERSTATE 95 BRIDGE
OVER
PISCATAQUA RIVER
BETWEEN
PORTSMOUTH, NEW HAMPSHIRE AND KITTERY, MAINE
NEW HAMPSHIRE APPROACH

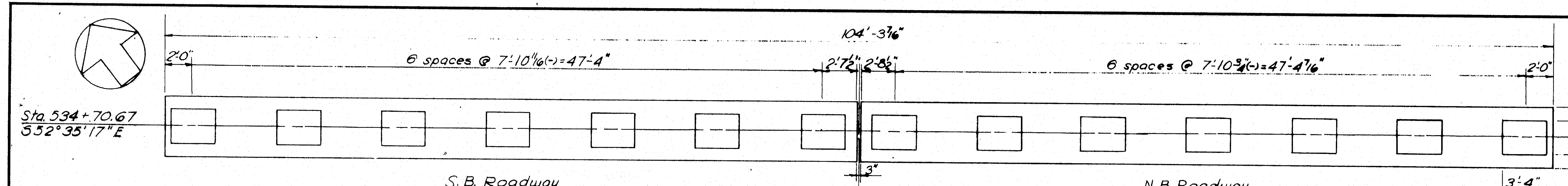
PIER 9S

SHEET 26 OF 75

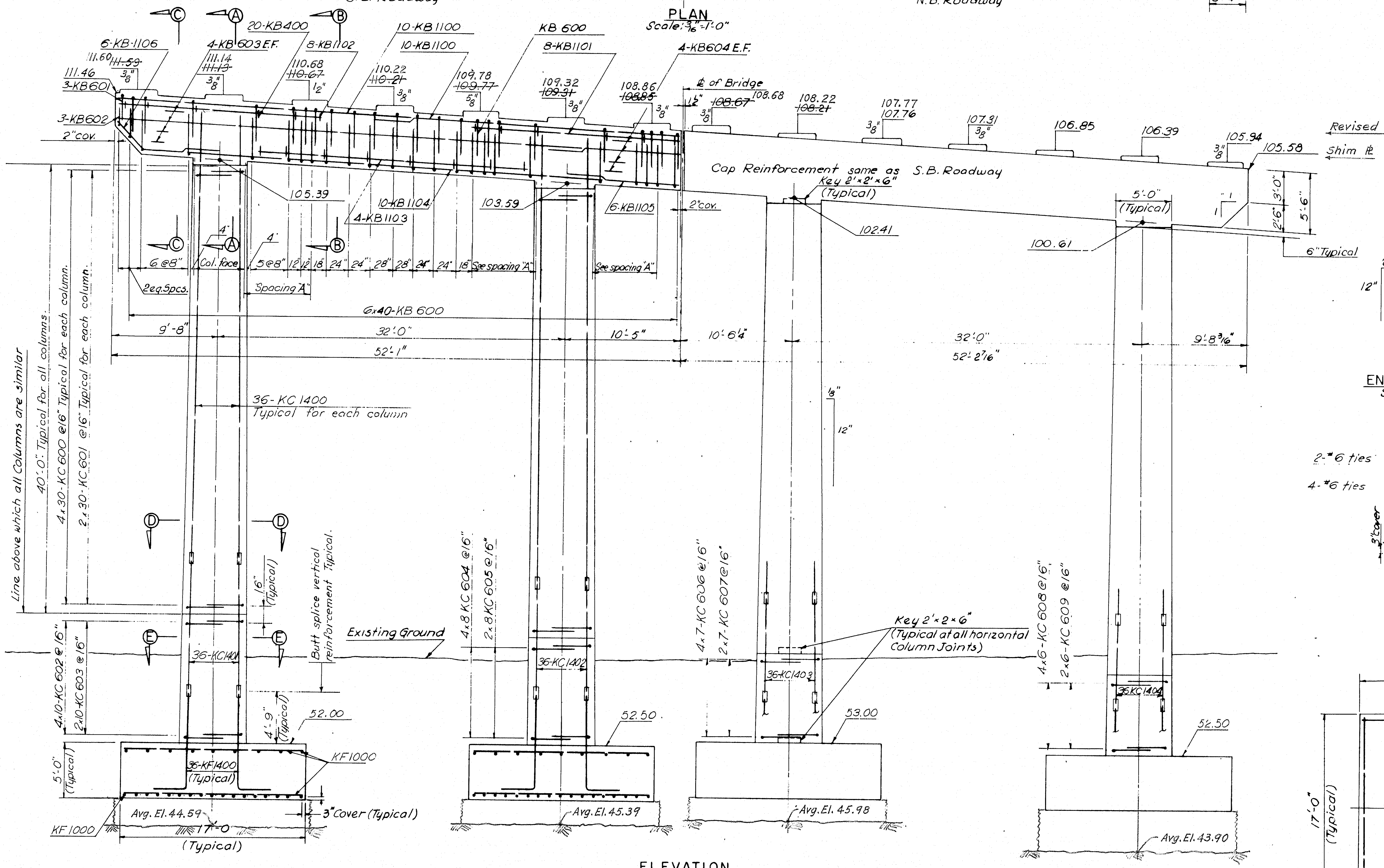
HARDESTY & HANOVER
CONSULTING ENGINEERS
NEW YORK, N. Y.

128-165

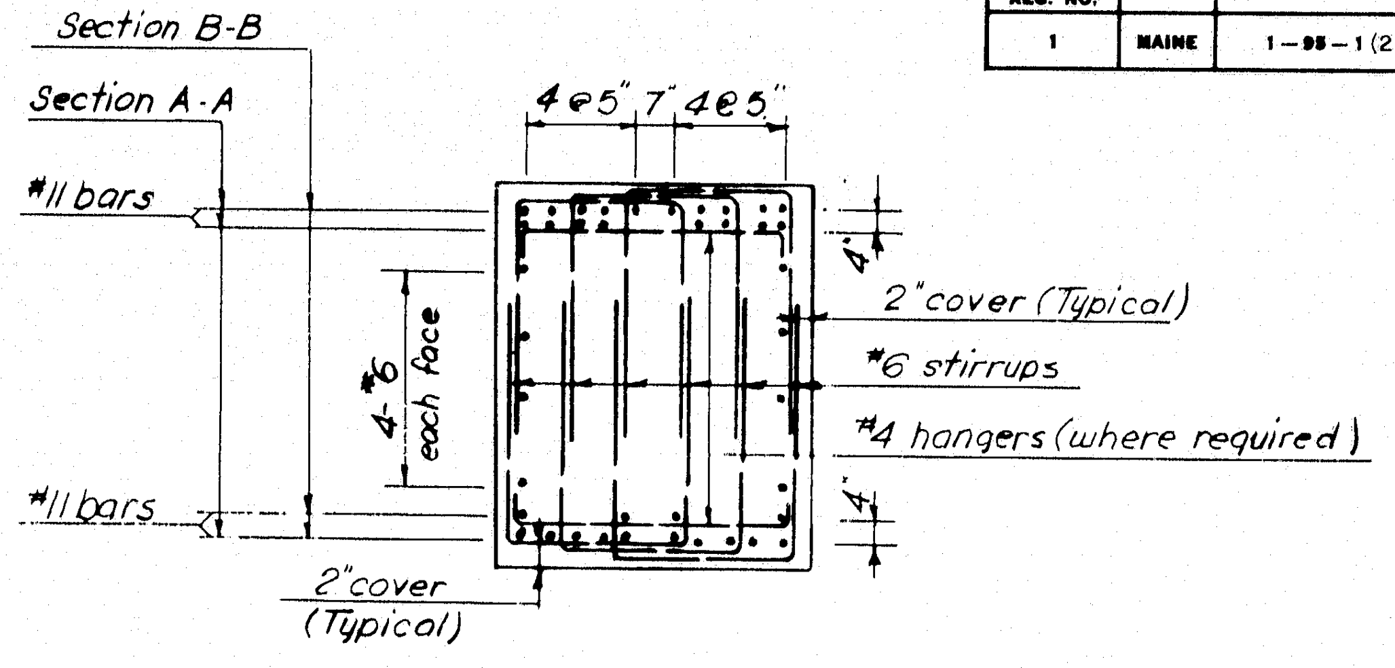
B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	1—95—1(22)16	27	75



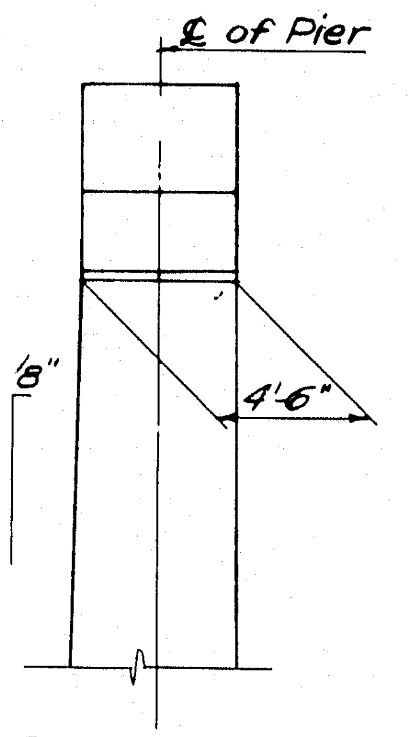
PLAN
Scale: 3/16"=1'-0"



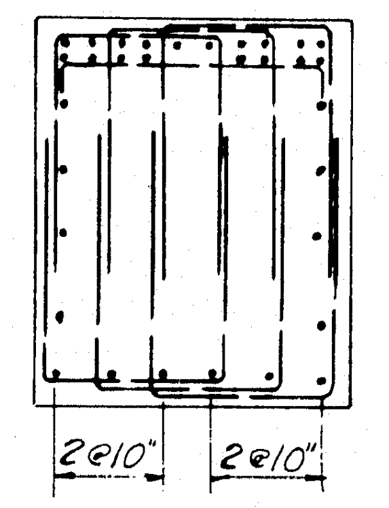
ELEVATION
Scale: 3/16"=1'-0"



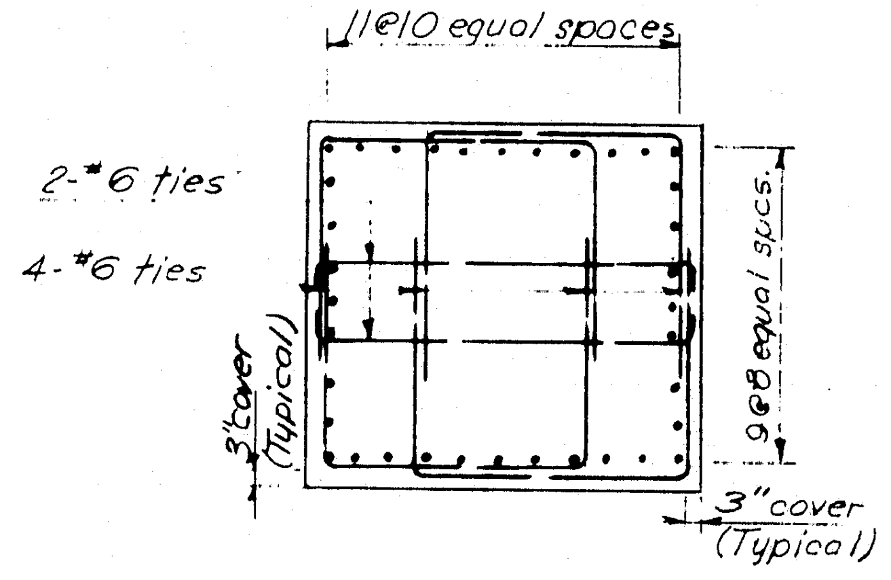
SECTIONS A-A & B-B
Scale: 3/8"=1'-0"



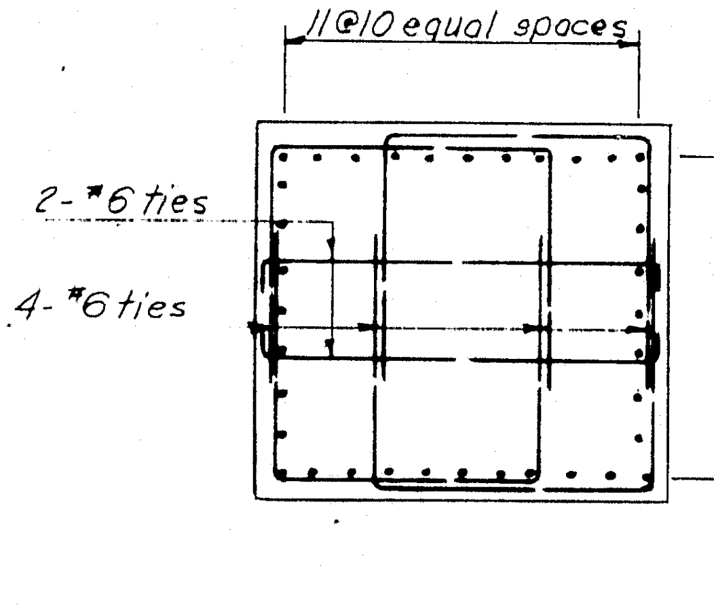
END ELEVATION
Scale: 3/16"=1'-0"



SECTION C-C
Scale: 3/8"=1'-0"



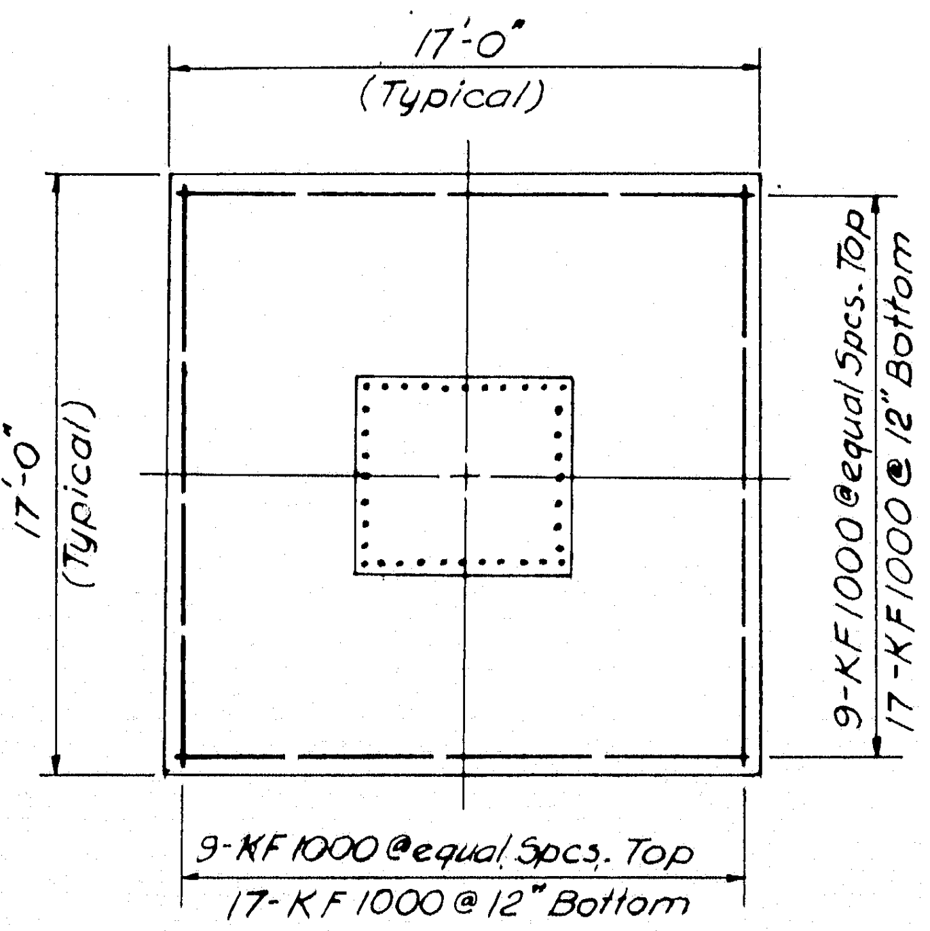
SECTION D-D
Scale: 3/8"=1'-0"



SECTION E-E
Scale: 3/8"=1'-0"

For As Built Reinforcing Steel Details
See Bancroft & Martin
Placing Drawings & Bar Lists.

For note on As-Built Elevations
see sh. 17.



TYPICAL FOOTING PLAN
Scale: 3/16"=1'-0"

AS BUILT
R.W. Christie 2/5/73

DESIGN — T.C. Thompson
TRACE — V.V. Mateo
CHECK — J. McLean

BRIDGE NO.
IN CHARGE OF — R.W. Christie

NEW HAMPSHIRE
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
AND
MAINE STATE HIGHWAY COMMISSION
INTERSTATE 95 BRIDGE
OVER
PISCATAQUA RIVER
BETWEEN
PORTSMOUTH, NEW HAMPSHIRE AND KITTERY, MAINE
NEW HAMPSHIRE APPROACH

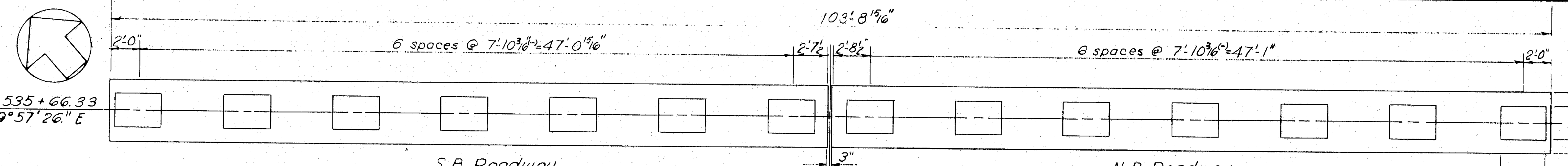
PIER 8S

HARDESTY & HANOVER
CONSULTING ENGINEERS
NEW YORK, N. Y.

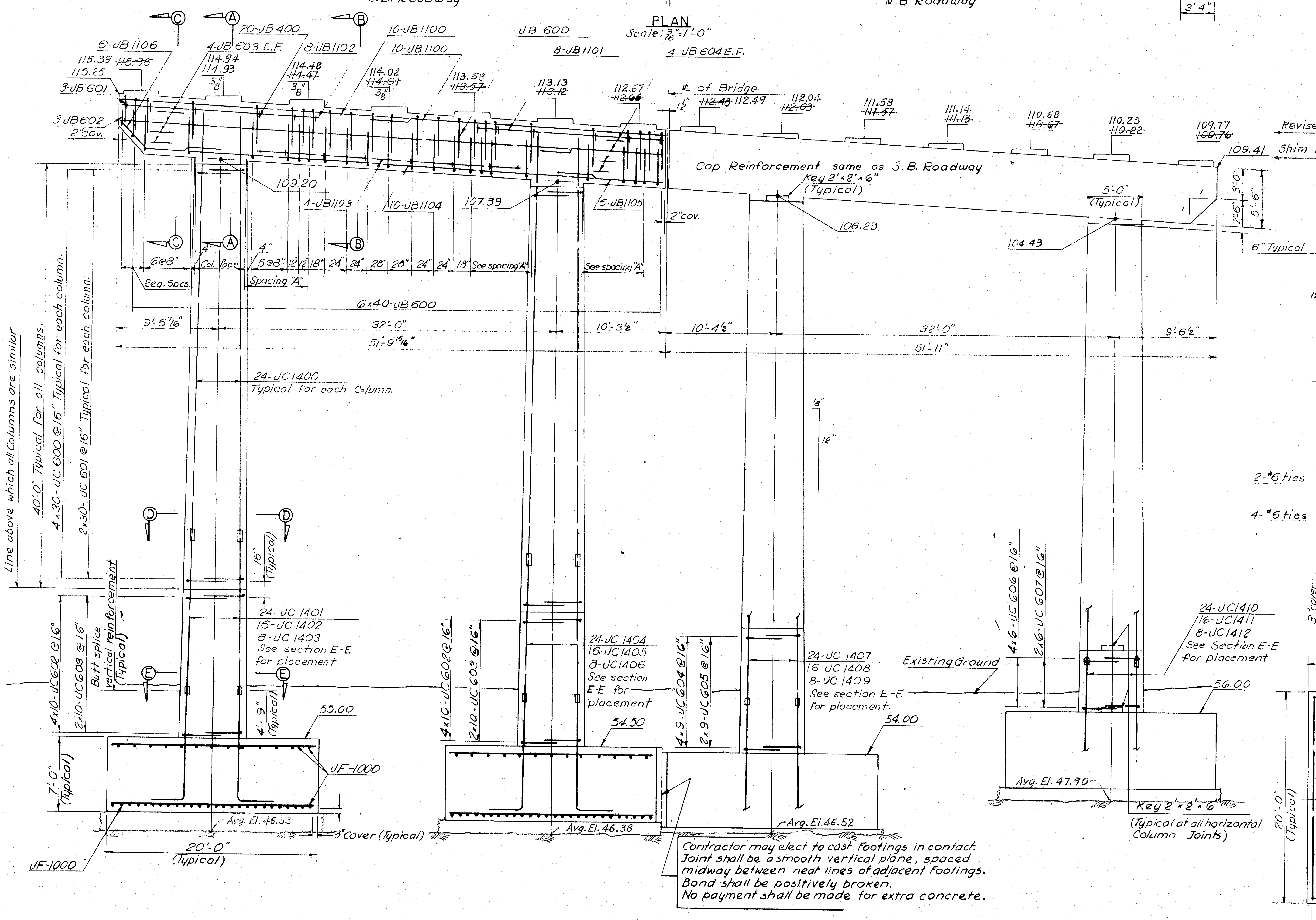
SHEET 27 OF 75

12428-166

B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	I-95-1 (22) 16	28	75

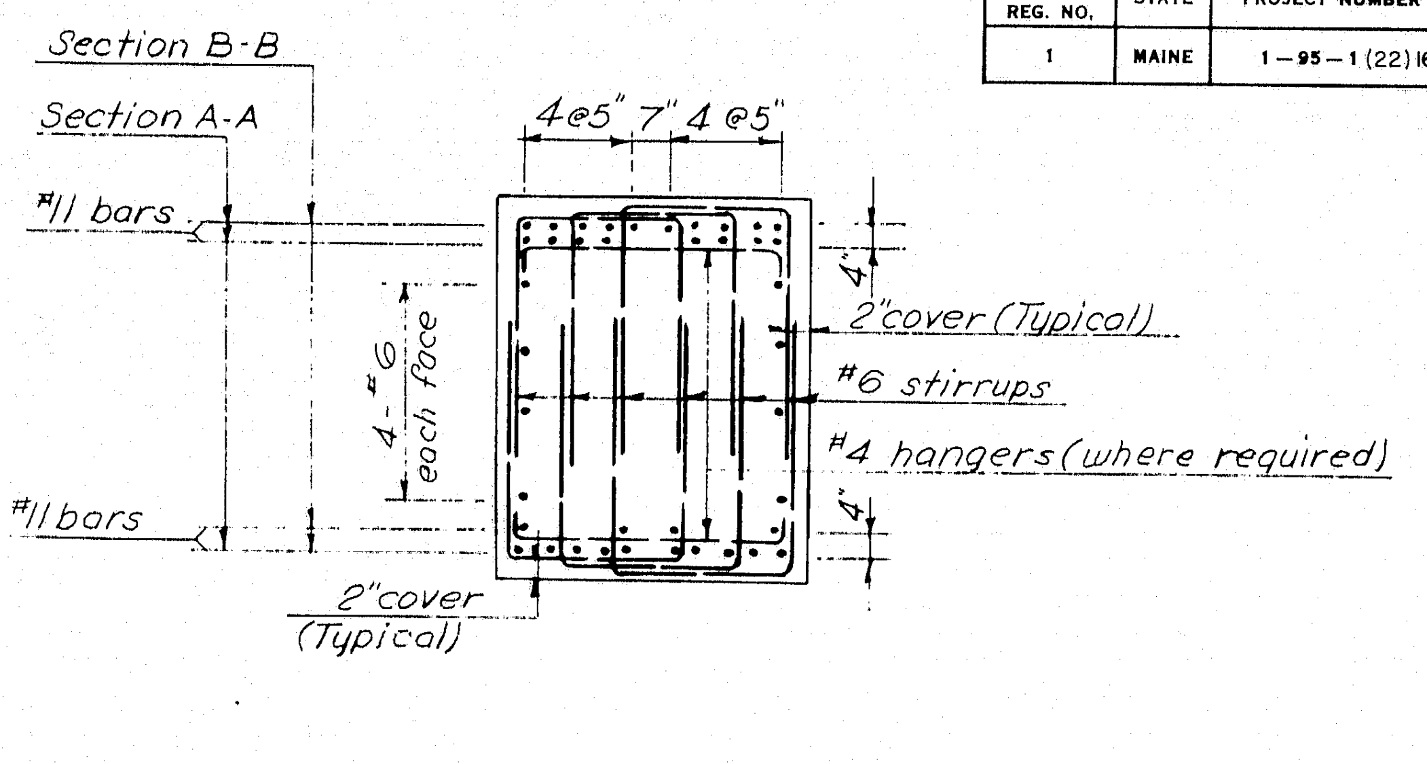


PLAN
Scale: 3/16" = 1'-0"

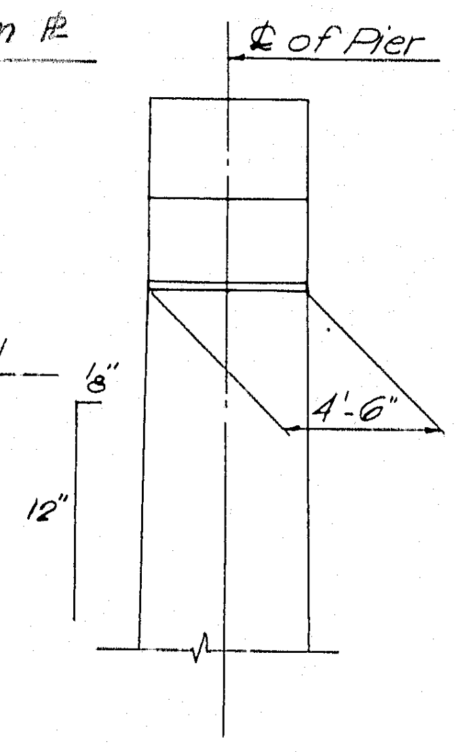


Contractor may elect to cast Footings in contact. Joint shall be a smooth vertical plane, spaced midway between neat lines of adjacent Footings. Bond shall be positively broken. No payment shall be made for extra concrete.

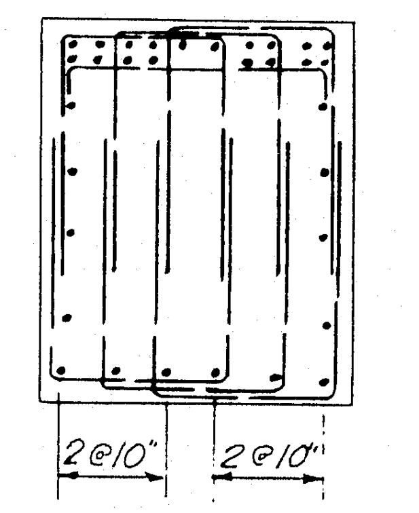
ELEVATION
Scale 3/16" = 1'-0"



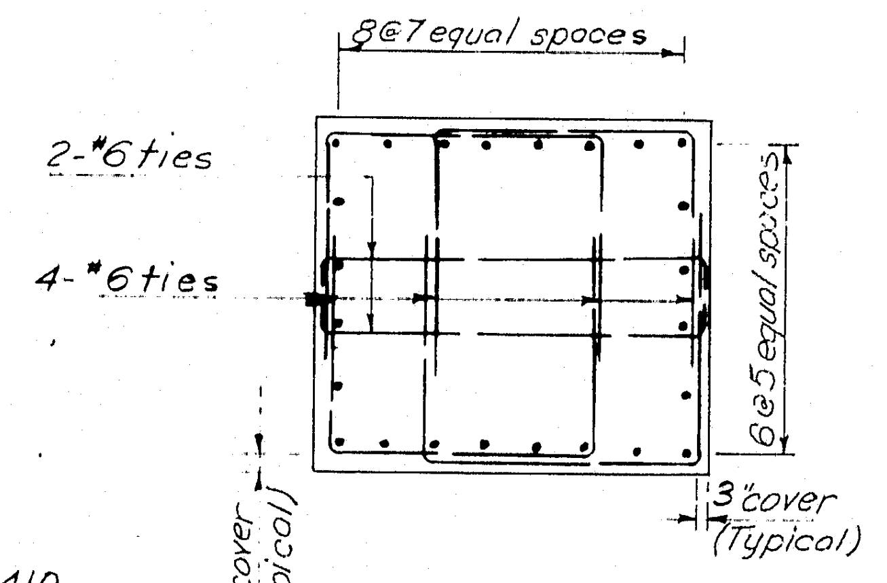
SECTIONS A-A & B-B
Scale: 3/8" = 1'-0"



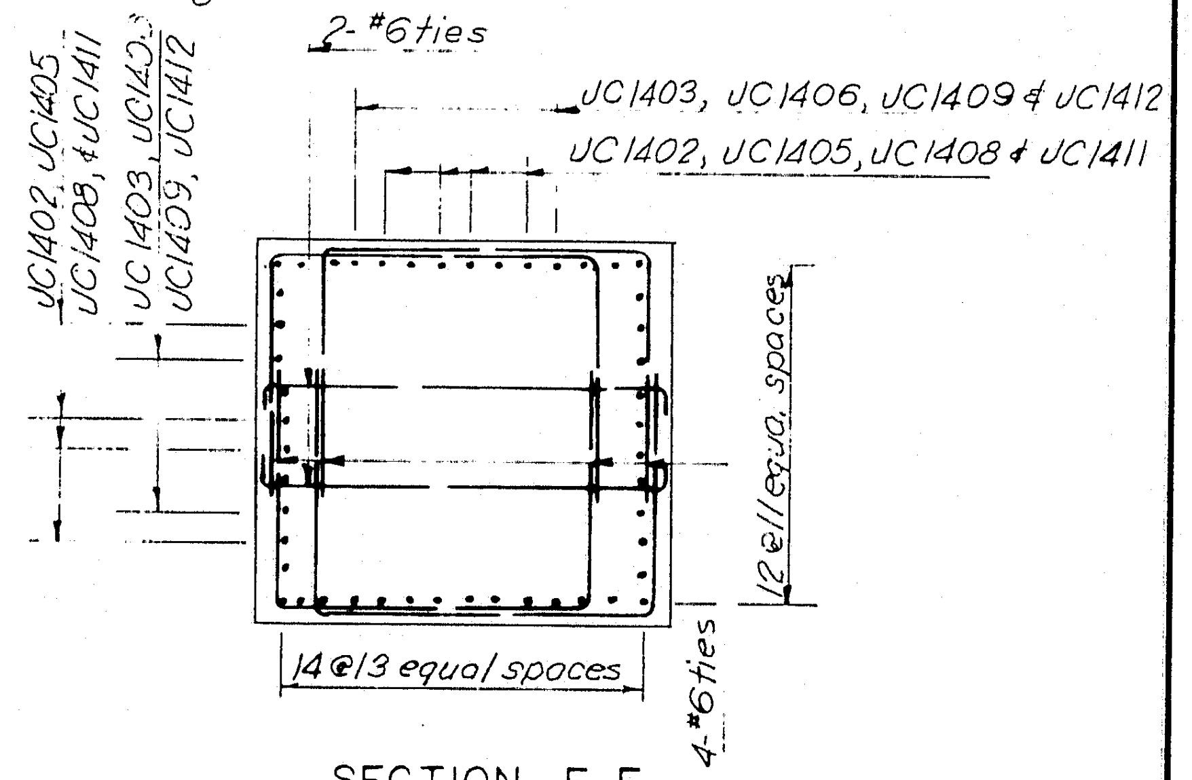
END ELEVATION
Scale 3/16" = 1'-0"



SECTION C-C
Scale: 3/8" = 1'-0"



SECTION D-D
Scale: 3/8" = 1'-0"

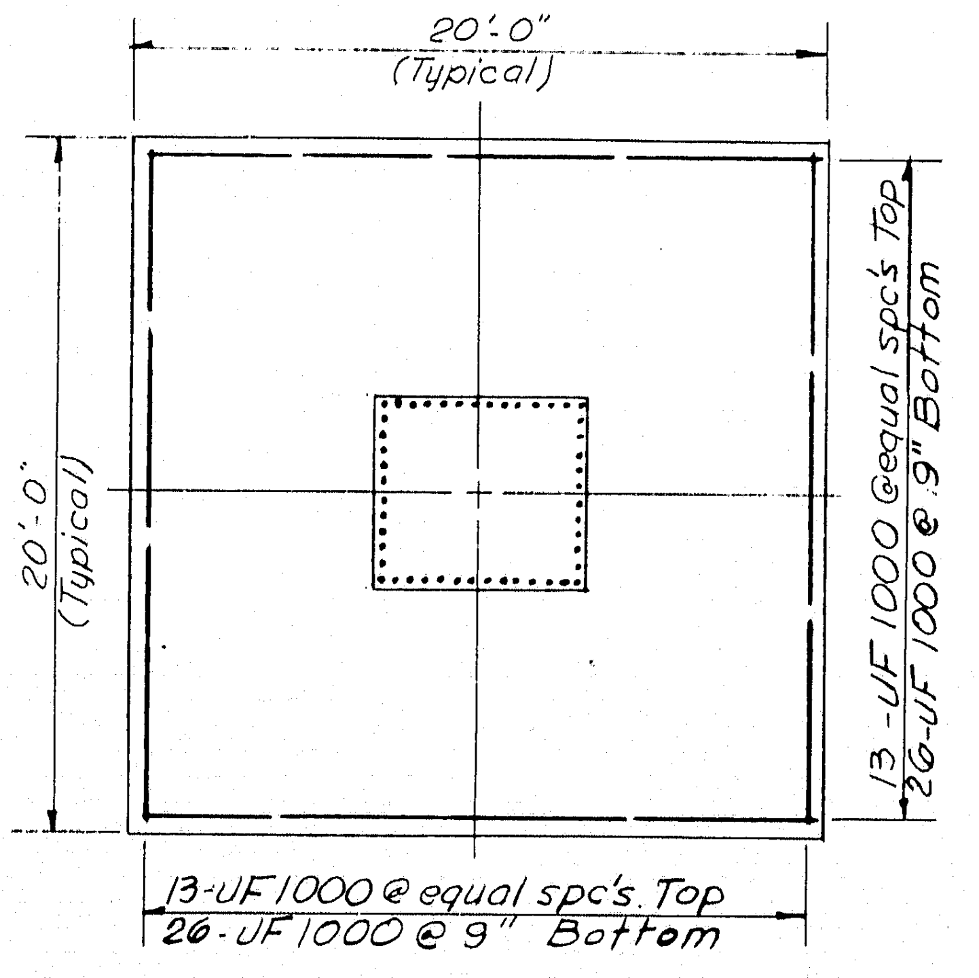


SECTION E-E
Scale: 3/8" = 1'-0"

For As Built Reinforcing Steel Details see Bancroft & Martin Placing Drawings & Bar Lists.

For note on As-Built Elevations see Sh. 17.

AS BUILT
R. W. Christie 2/5/73



TYPICAL FOOTING PLAN
Scale: 3/16" = 1'-0"

DESIGN — T. C. Thompson
TRACE — N. Materas
CHECK — J. M. Fedum

BRIDGE NO.
IN CHARGE OF — R. W. Christie

NEW HAMPSHIRE
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
AND
MAINE STATE HIGHWAY COMMISSION
INTERSTATE 95 BRIDGE
OVER
PISCATAQUA RIVER
BETWEEN
PORTSMOUTH, NEW HAMPSHIRE AND KITTERY, MAINE
NEW HAMPSHIRE APPROACH

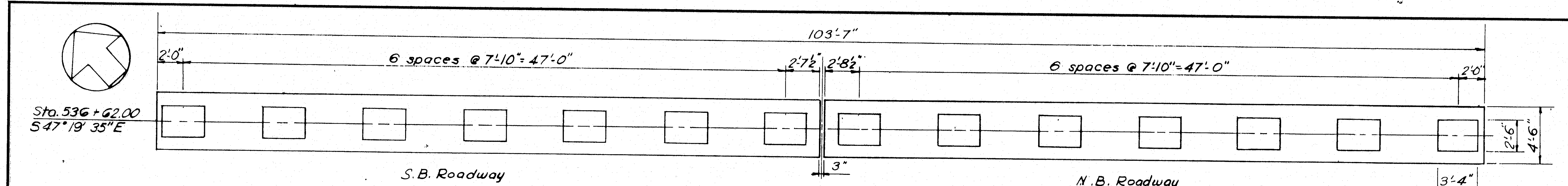
PIER 7S

HARDESTY & HANOVER
CONSULTING ENGINEERS
NEW YORK, N. Y.

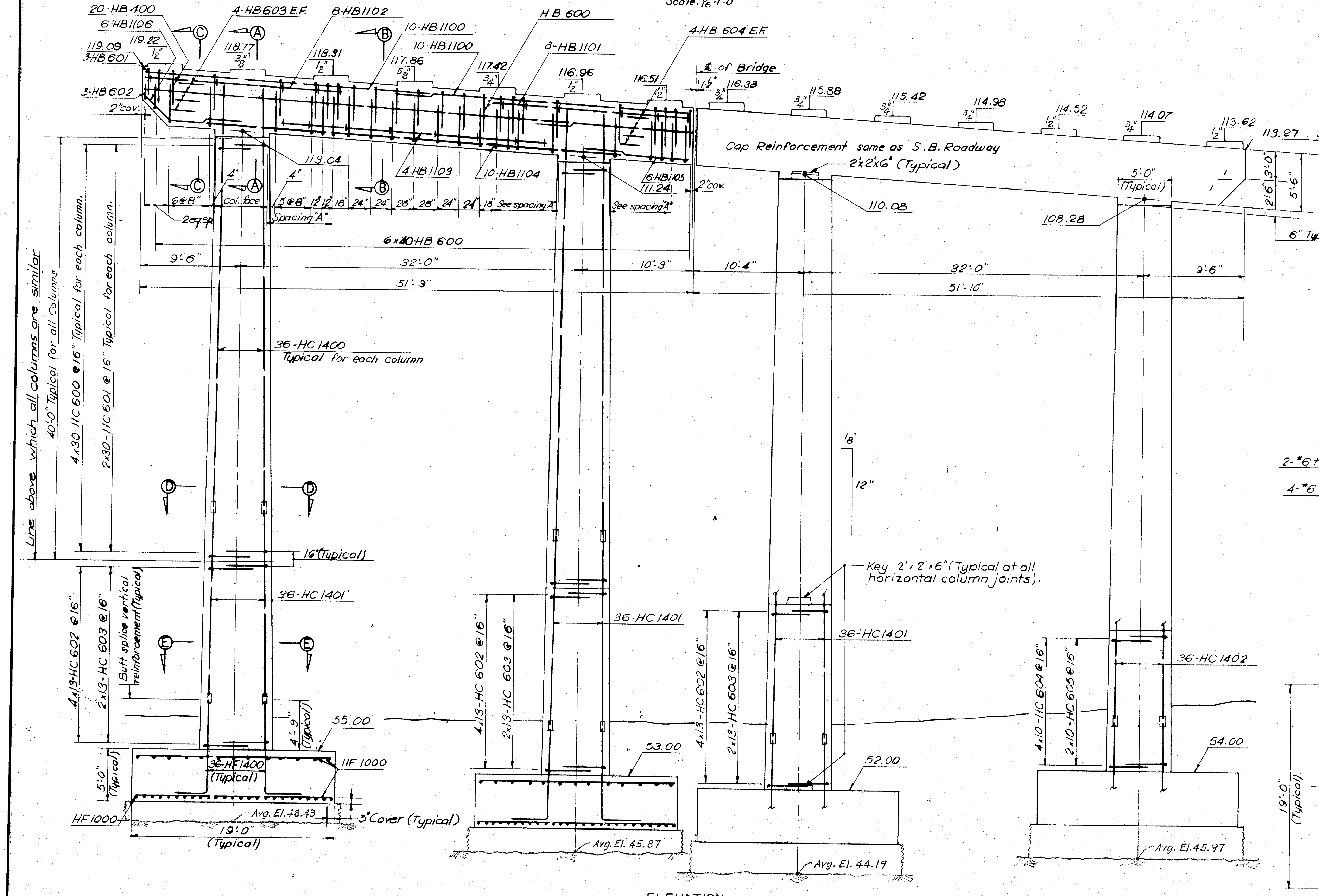
SHEET 28 OF 75

128-167

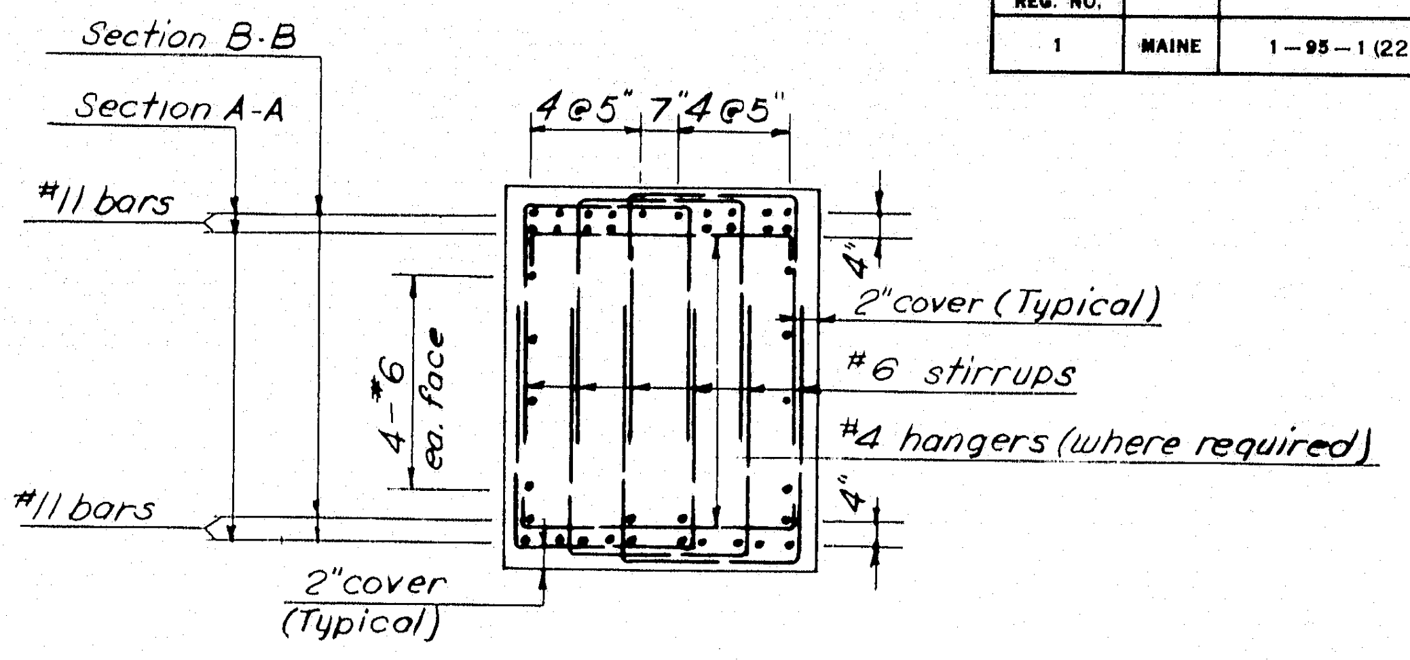
B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	1—95—1 (22) 16	29	75



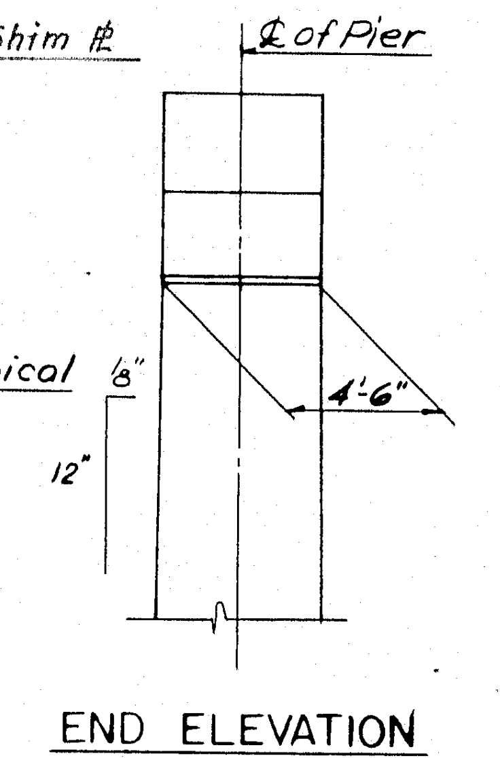
PLAN
Scale: 3/16" = 1'-0"



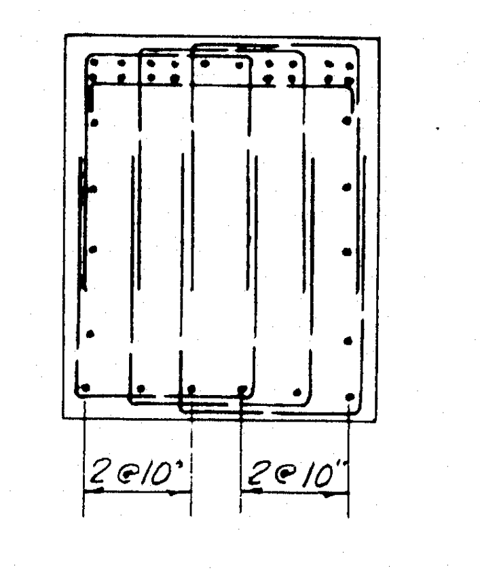
ELEVATION
Scale: 3/16" = 1'-0"



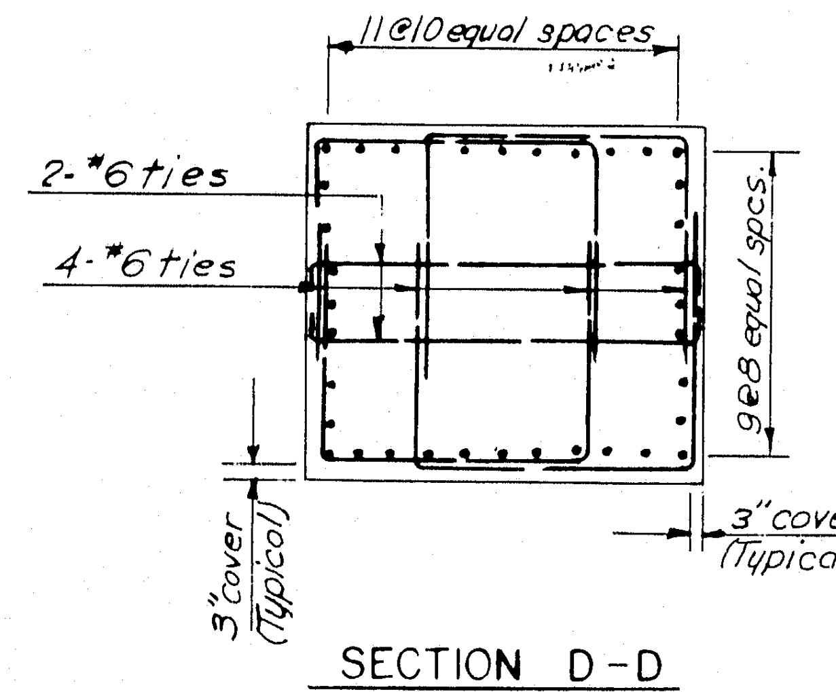
SECTIONS A-A & B-B
Scale: 3/8" = 1'-0"



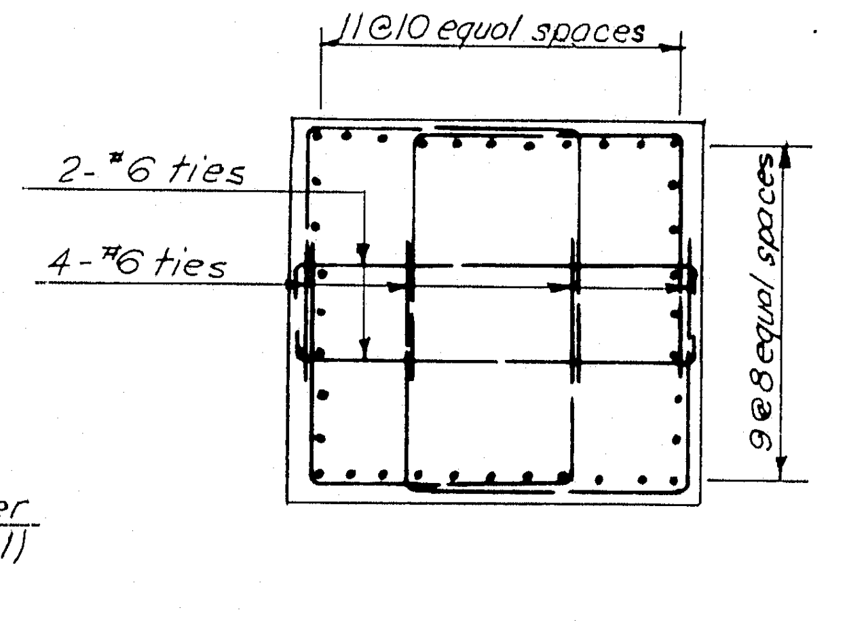
END ELEVATION
Scale: 3/16" = 1'-0"



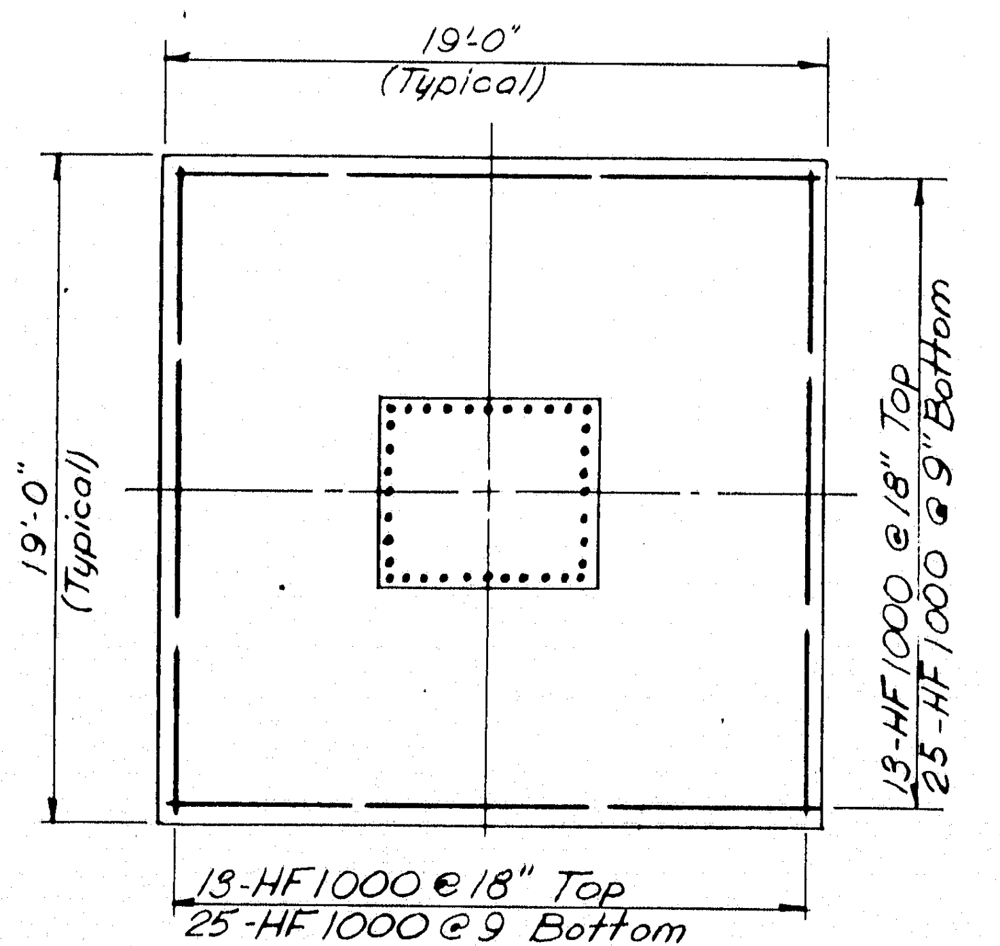
SECTION C-C
Scale: 3/8" = 1'-0"



SECTION D-D
Scale: 3/8" = 1'-0"



SECTION E-E
Scale: 3/8" = 1'-0"



TYPICAL FOOTING PLAN
Scale: 3/16" = 1'-0"

For As Built Reinforcing Steel Details
See Bancroft & Martin
Placing Drawings & Bar Lists.

For note on As Built Elevations
see sh. 17.

AS BUILT
R.W. Christi 2/5/73

DESIGN — T. C. Thompson
TRACE — R.V. Mattes
CHECK — J. M. Fehm

BRIDGE NO.
IN CHARGE OF — R. W. Christi

HARDESTY & HANOVER
CONSULTING ENGINEERS
NEW YORK, N. Y.

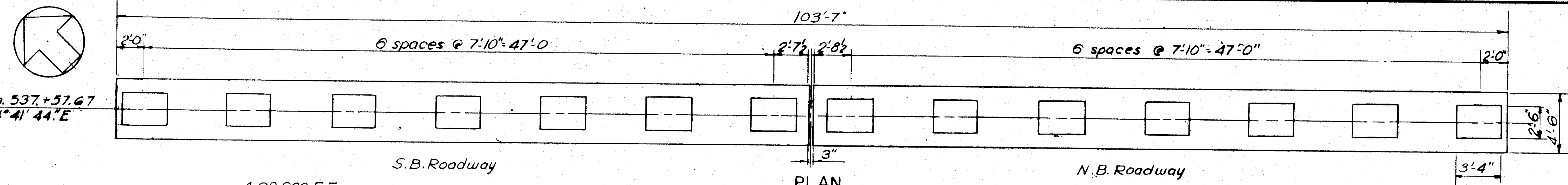
NEW HAMPSHIRE
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
AND
MAINE STATE HIGHWAY COMMISSION
INTERSTATE 95 BRIDGE
OVER
PISCATAQUA RIVER
BETWEEN
PORTSMOUTH, NEW HAMPSHIRE AND KITTERY, MAINE
NEW HAMPSHIRE APPROACH

PIER 6S

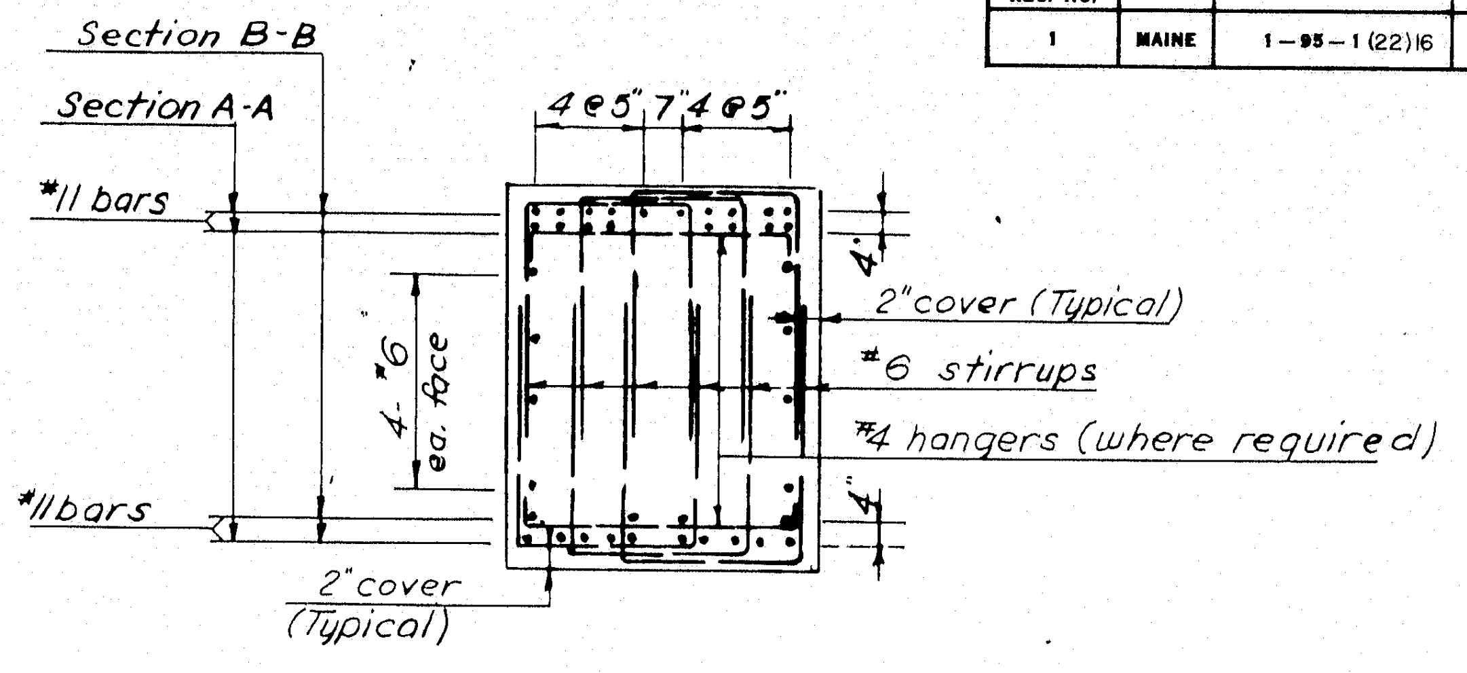
SHEET 29 OF 75

128-168

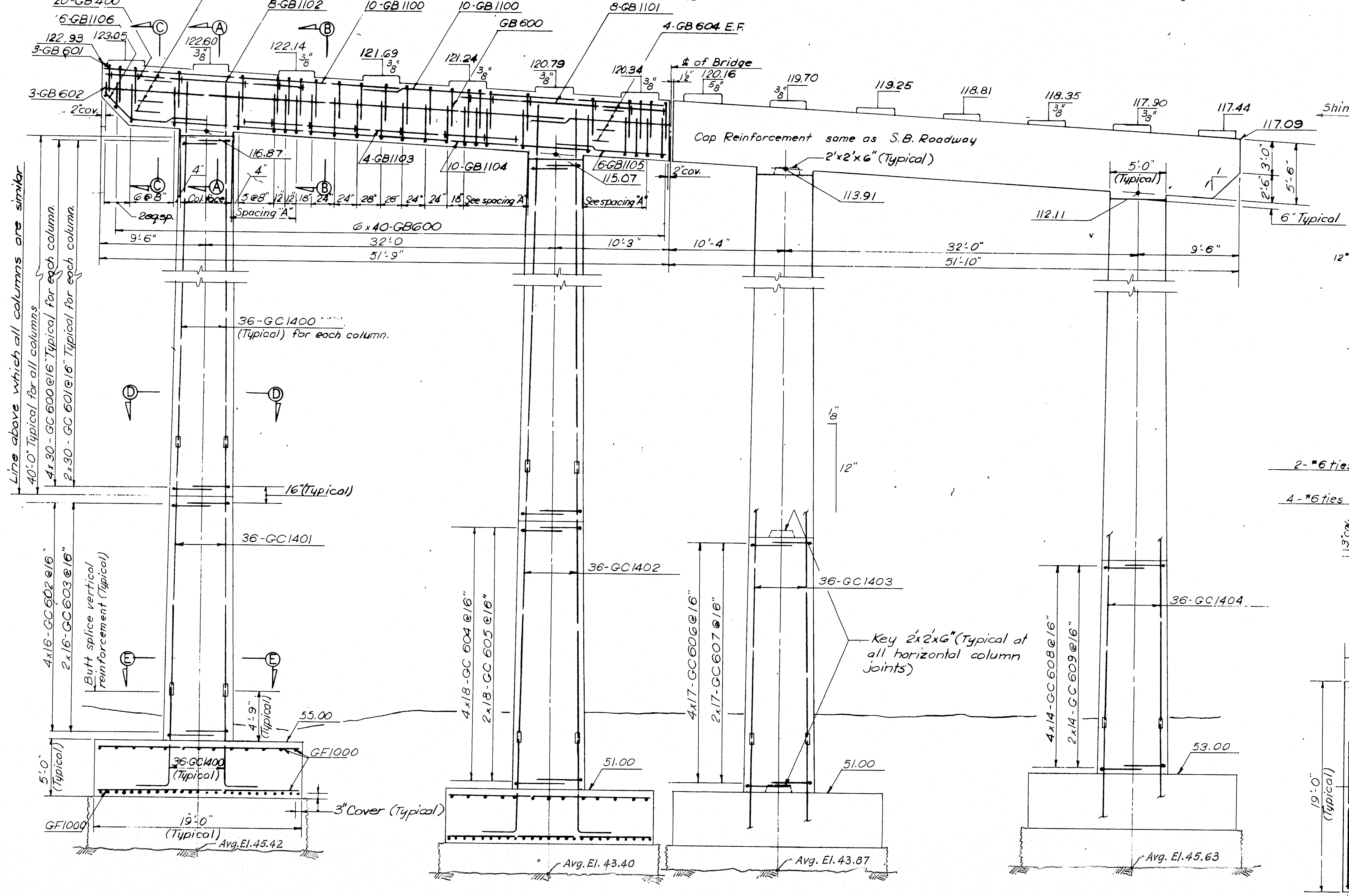
B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	1—95—1 (22) 16	30	75



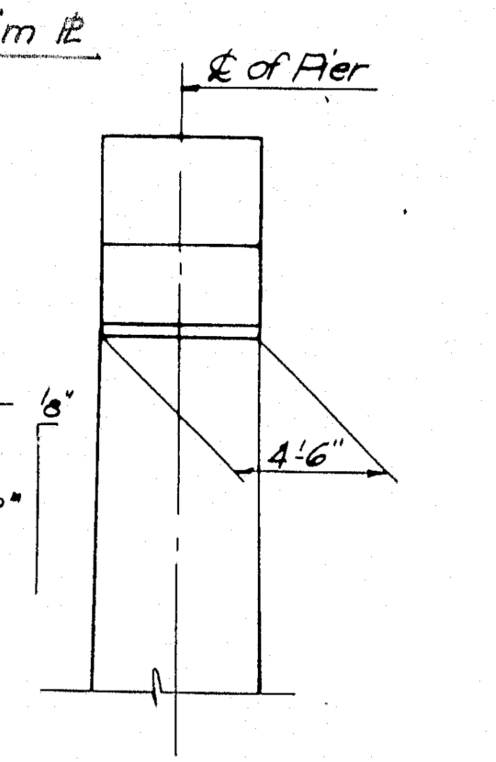
PLAN
Scale: 3/16"=1'-0"



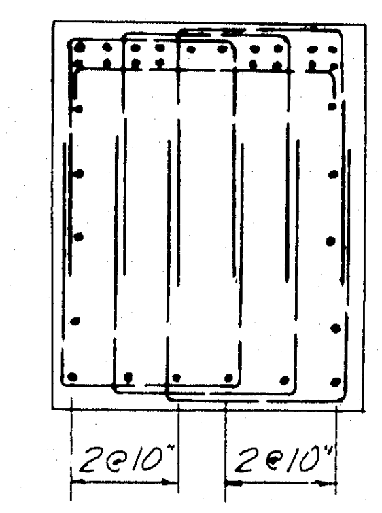
SECTIONS A-A & B-B
Scale: 3/8"=1'-0"



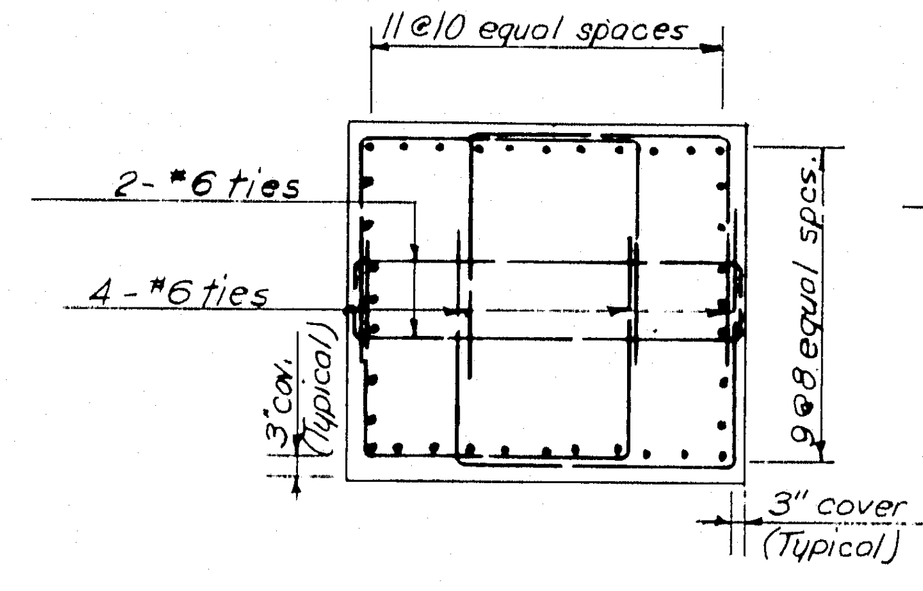
ELEVATION
Scale: 3/16"=1'-0"



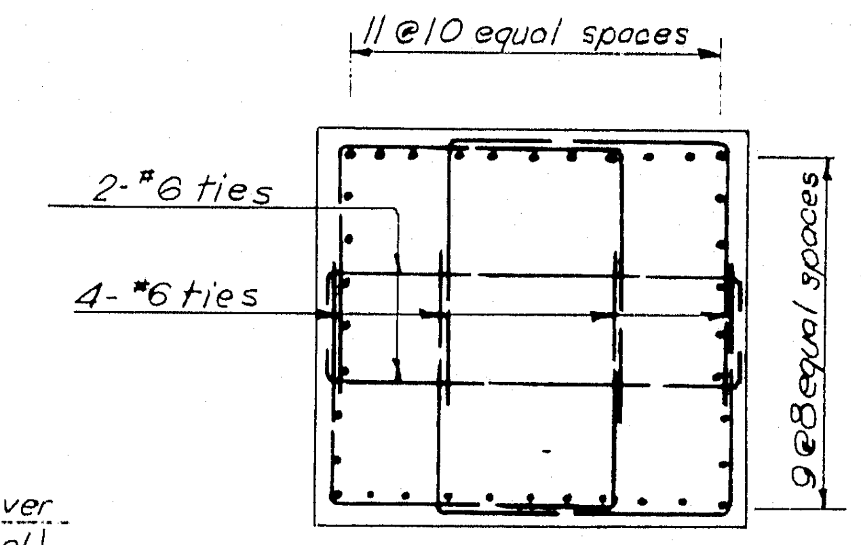
END ELEVATION
Scale: 3/16"=1'-0"



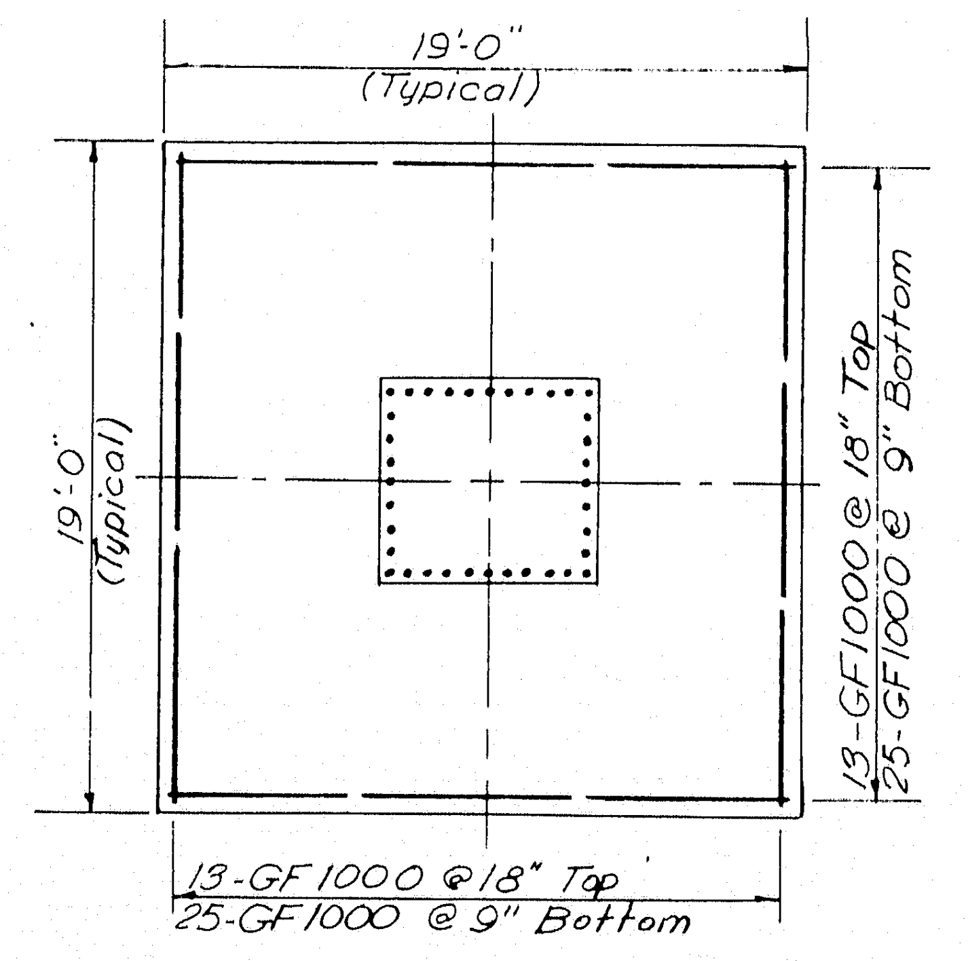
SECTION C-C
Scale: 3/8"=1'-0"



SECTION D-D
Scale: 3/8"=1'-0"



SECTION E-E
Scale 3/8"=1'-0"



TYPICAL FOOTING PLAN
Scale: 3/16"=1'-0"

For As Built Reinforcing Steel Details
See Bancroft & Martin
Placing Drawings & Bar Lists.

For note on As-Built Elevations
see sh. 17.

AS BUILT
R.W. Christie 2/5/73

DESIGN — T. C. Thompson
TRACE — N. V. Matteo
CHECK — J. M. Fedum

BRIDGE NO.
IN CHARGE OF — R. W. Christie

NEW HAMPSHIRE
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
AND
MAINE STATE HIGHWAY COMMISSION
INTERSTATE 95 BRIDGE
OVER
PISCATAQUA RIVER
BETWEEN
PORTSMOUTH, NEW HAMPSHIRE AND KITTERY, MAINE
NEW HAMPSHIRE APPROACH

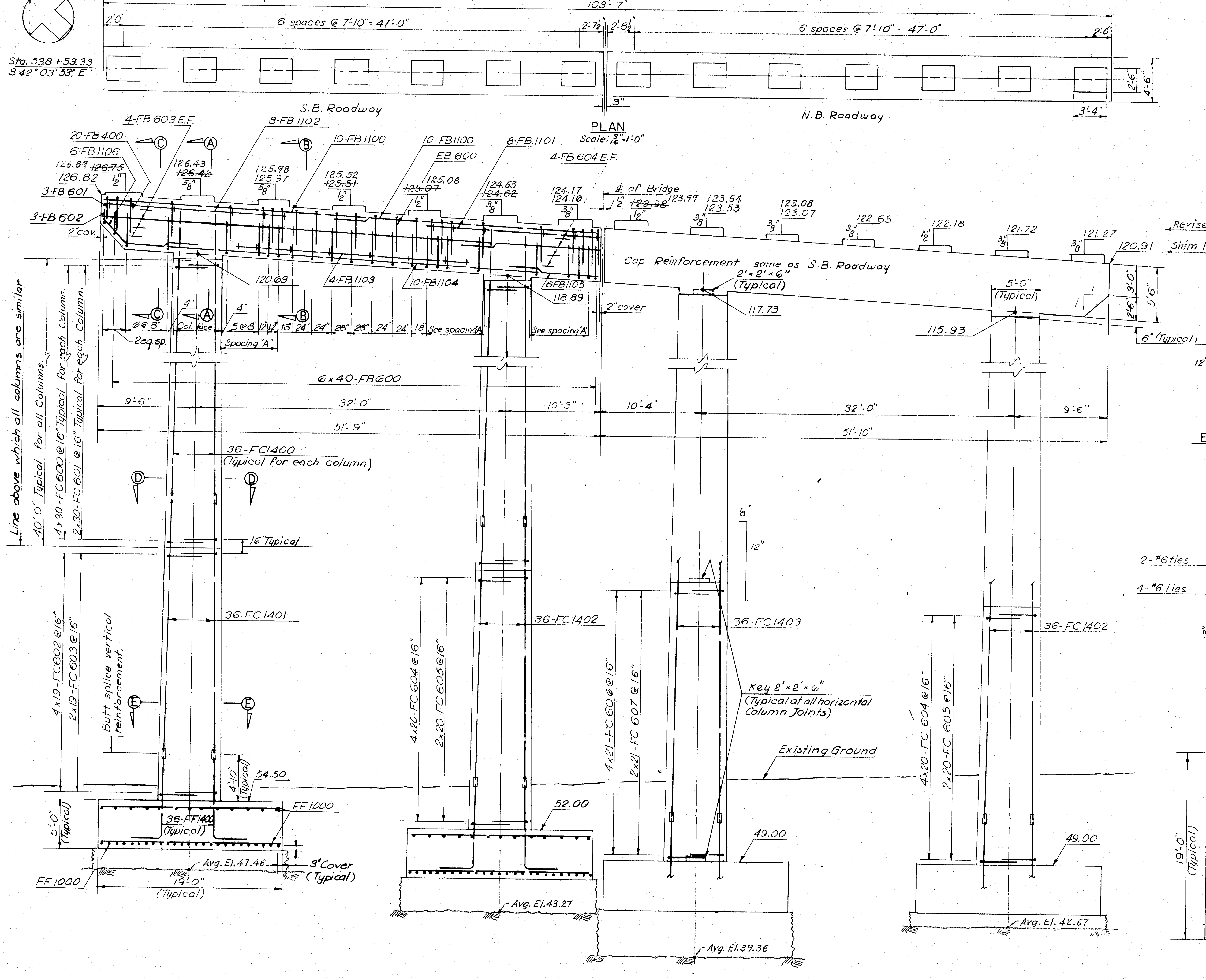
PIER 5S

SHEET 30 OF 75

HARDESTY & HANOVER
CONSULTING ENGINEERS
NEW YORK, N. Y.

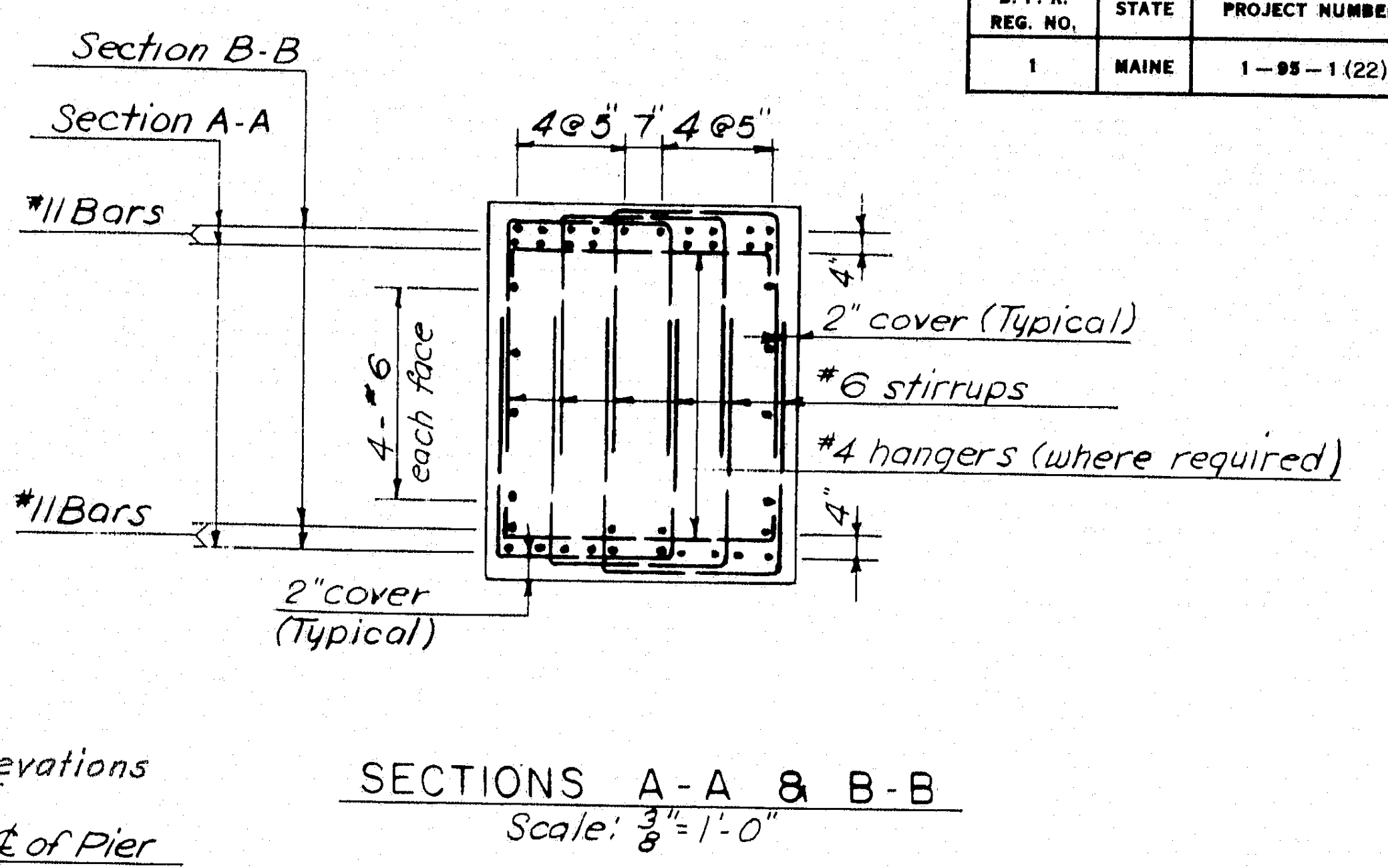
128-169

B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	1-95-1(22)16	31	75

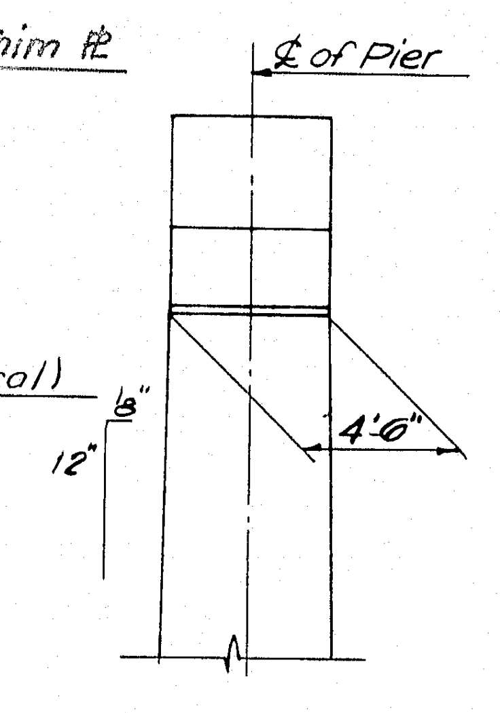


PLAN
Scale: 3/16" = 1'-0"

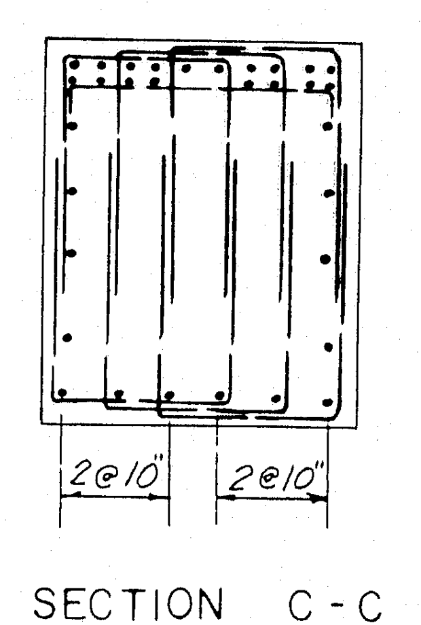
ELEVATION
Scale: 3/16" = 1'-0"



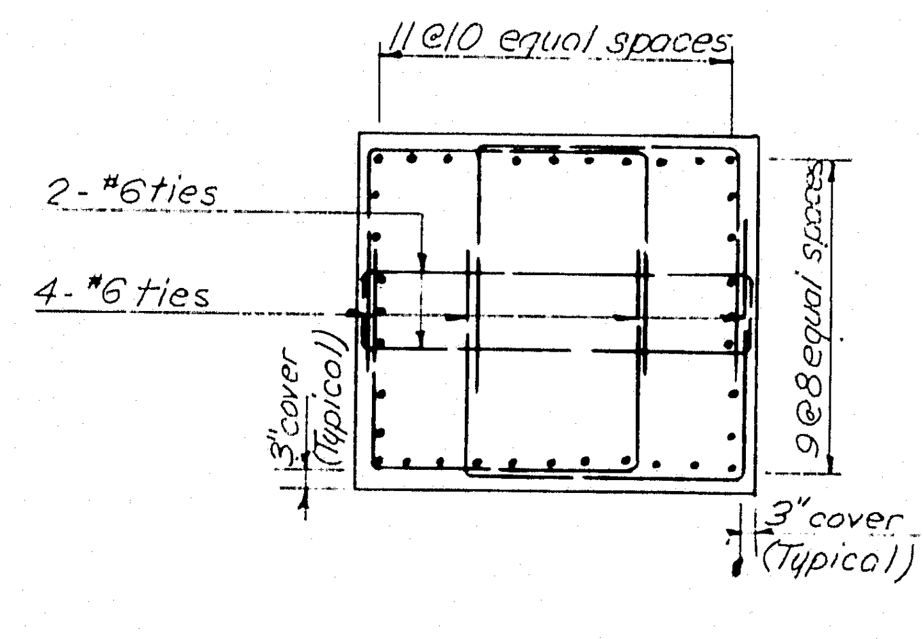
SECTIONS A-A & B-B
Scale: 3/8" = 1'-0"



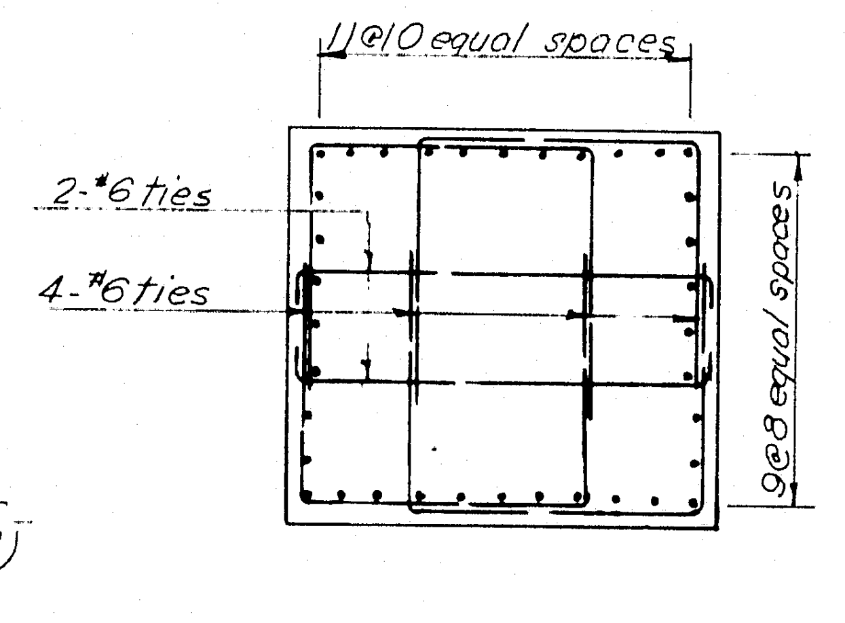
END ELEVATION
Scale: 3/16" = 1'-0"



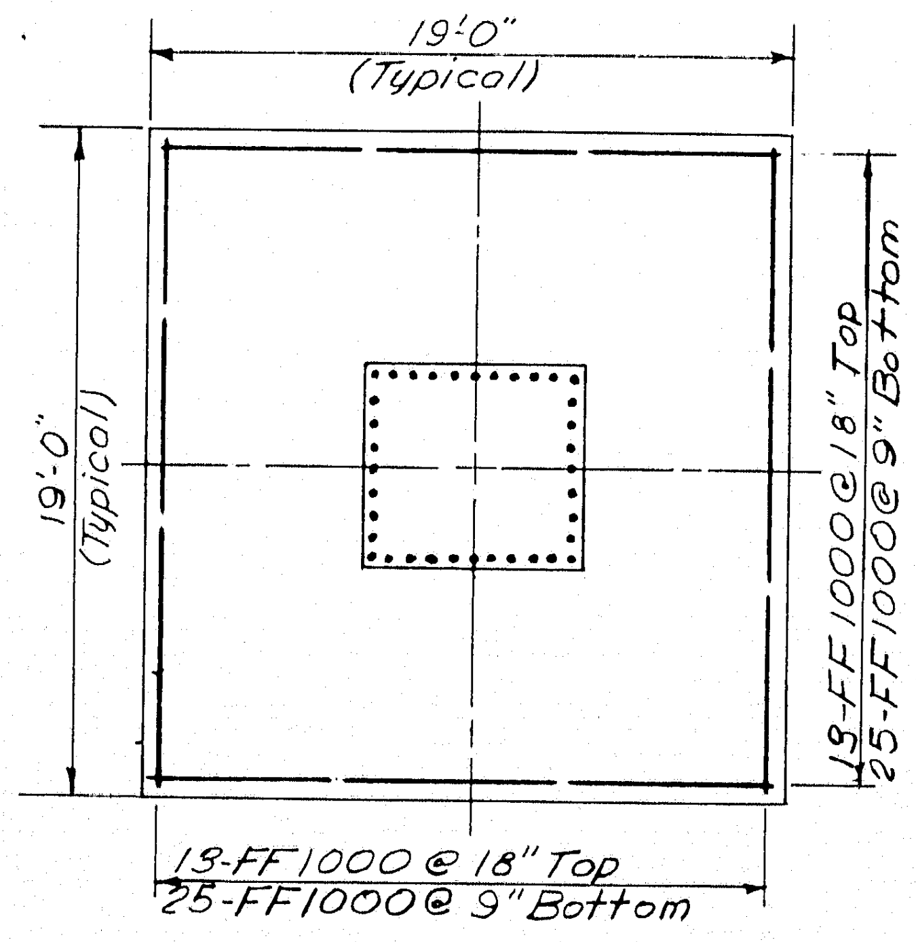
SECTION C-C
Scale: 3/8" = 1'-0"



SECTION D-D
Scale: 3/8" = 1'-0"



SECTION E-E
Scale: 3/8" = 1'-0"



TYPICAL FOOTING PLAN
Scale: 3/16" = 1'-0"

For As Built Reinforcing Steel Details see Bancroft & Martin Placing Drawings & Bar Lists.

For note on As-Built Elevations see Sh. 17.

AS BUILT
R. W. Christie 2/5/73

DESIGN — T. C. Thompson
TRACE — V. Mattia
CHECK — J. M. Fallon

BRIDGE NO. IN CHARGE OF — R. W. Christie

NEW HAMPSHIRE
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
AND
MAINE STATE HIGHWAY COMMISSION
INTERSTATE 95 BRIDGE
OVER
PISCATAQUA RIVER
BETWEEN
PORTSMOUTH, NEW HAMPSHIRE AND KITTERY, MAINE
NEW HAMPSHIRE APPROACH

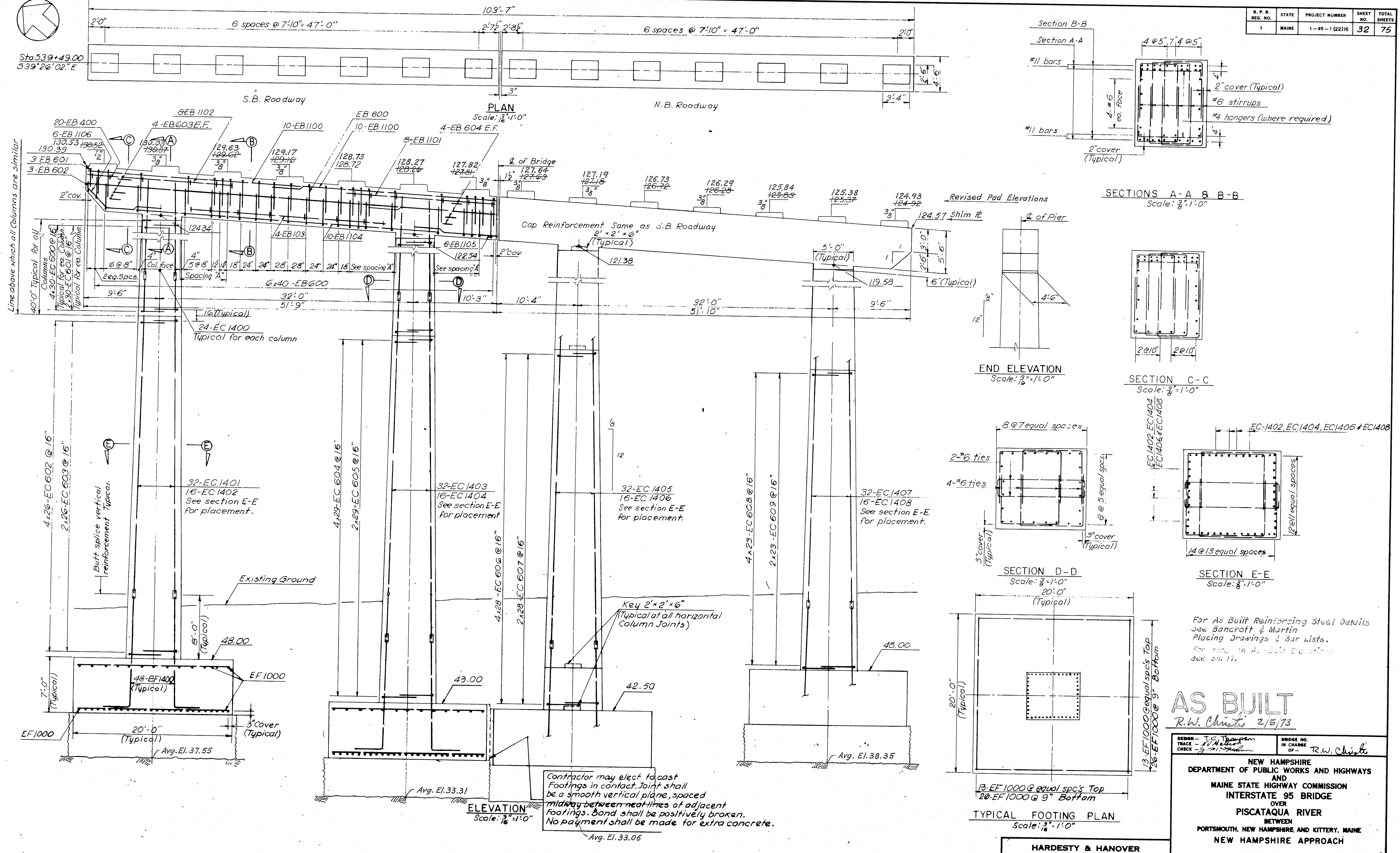
PIER 4S

HARDESTY & HANOVER
CONSULTING ENGINEERS
NEW YORK, N. Y.

SHEET 31 OF 75

128-170

B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	1—95—1(22)16	32	75



Contractor may elect to cast Footings in contact. Joint shall be a smooth vertical plane, spaced midway between neat lines of adjacent Footings. Bond shall be positively broken. No payment shall be made for extra concrete.

For As Built Reinforcing Steel Details See Bancroft & Martin Placing Drawings & Bar Lists.

For note on As-Built Elevations see sh. 17.

AS BUILT
R.W. Christie 2/5/73

HARDESTY & HANOVER
CONSULTING ENGINEERS
NEW YORK, N. Y.

DESIGN — T.C. Thompson
TRACE — N. Mateo
CHECK — J. M. Feldman

BRIDGE NO.
IN CHARGE OF — R.W. Christie

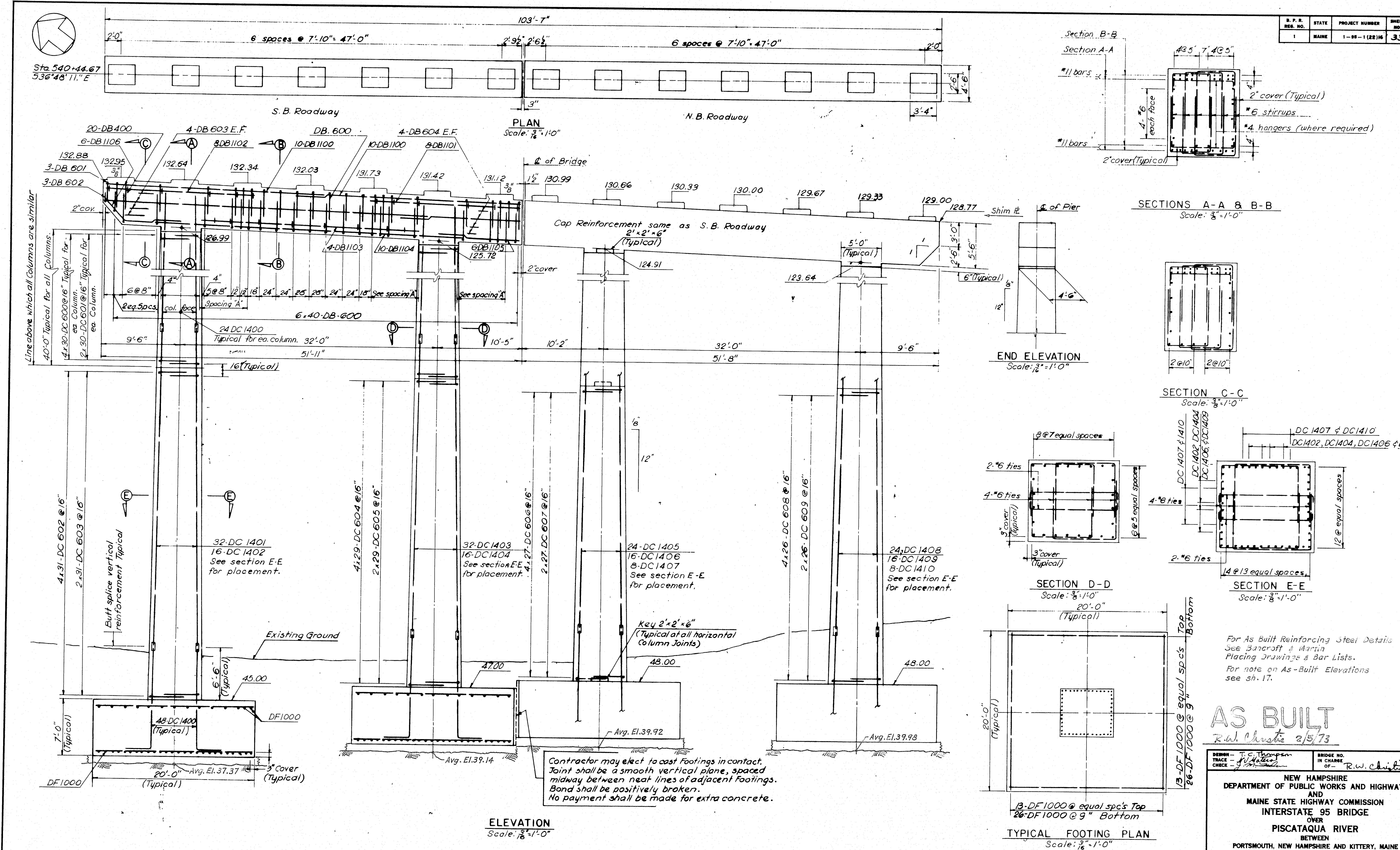
NEW HAMPSHIRE
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
AND
MAINE STATE HIGHWAY COMMISSION
INTERSTATE 95 BRIDGE
OVER
PISCATAQUA RIVER
BETWEEN
PORTSMOUTH, NEW HAMPSHIRE AND KITTERY, MAINE
NEW HAMPSHIRE APPROACH

PIER 3S

SHEET 32 OF 75

128-171

B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	1-95-1(22)16	33	75



For As Built Reinforcing Steel Details See Bancroft & Martin Placing Drawings & Bar Lists.

For note on As-Built Elevations see sh. 17.

AS BUILT
R.W. Christie 2/5/73

HARDESTY & HANOVER
CONSULTING ENGINEERS
NEW YORK, N. Y.

DESIGN — T. C. Thompson
TRACE — N. J. Matero
CHECK — J. M.

BRIDGE NO. IN CHARGE OF — R.W. Christie

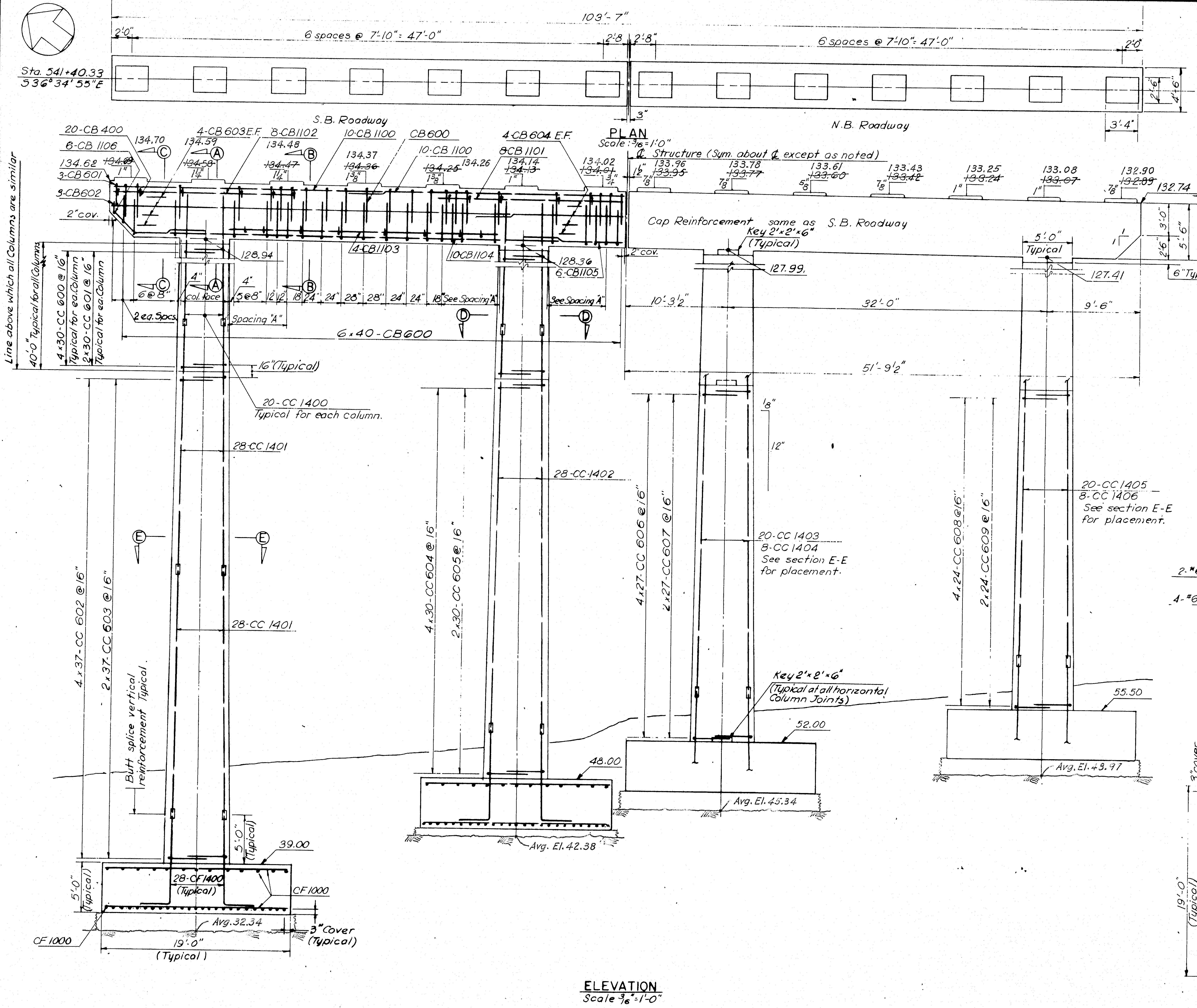
NEW HAMPSHIRE
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
AND
MAINE STATE HIGHWAY COMMISSION
INTERSTATE 95 BRIDGE
OVER
PISCATAQUA RIVER
BETWEEN
PORTSMOUTH, NEW HAMPSHIRE AND KITTERY, MAINE
NEW HAMPSHIRE APPROACH

PIER 2S

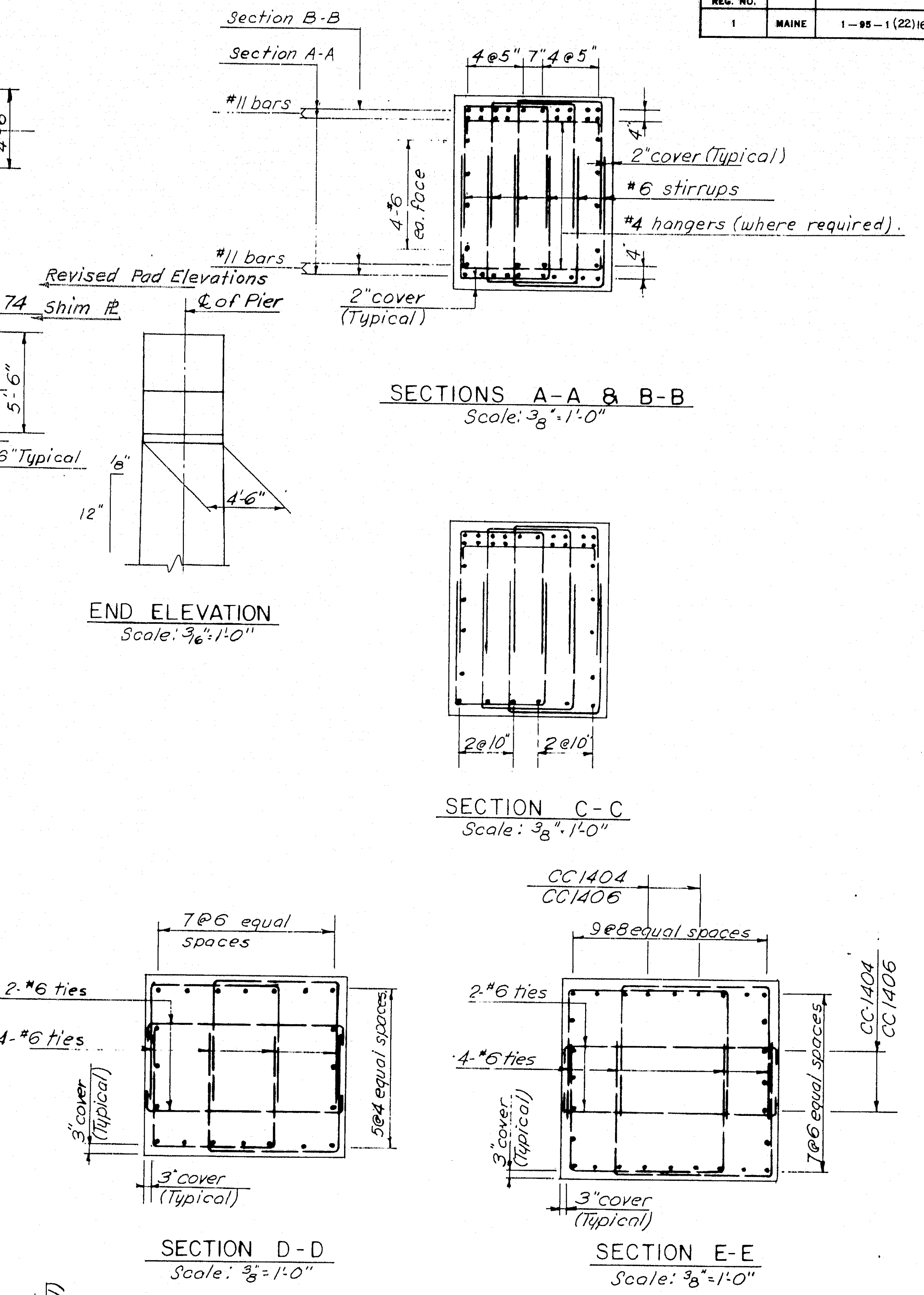
SHEET 33 OF 75

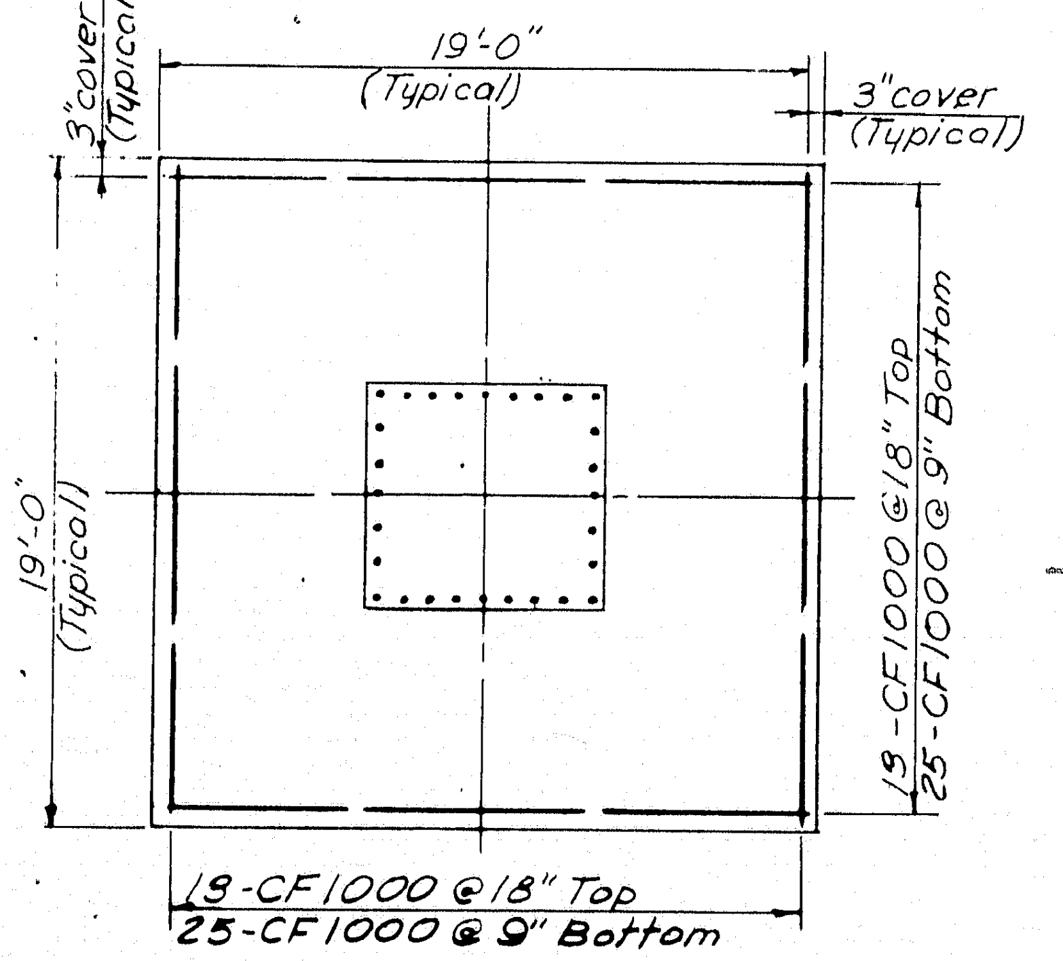
128-172

B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	1—95—1 (22) 16	34	75



ELEVATION
Scale 3/16" = 1'-0"





TYPICAL FOOTING PLAN
Scale: 3/16" = 1'-0"

For As Built Reinforcing Steel Details See Bancroft & Martin Placing Drawings & Bar Lists.

For note on As-Built Elevations see sh. 17.

AS BUILT
R.W. Christie

DESIGN — T.C. Thompson
TRACE — [illegible]
CHECK — [illegible]

BRIDGE NO.
IN CHARGE OF — R.W. Christie

HARDESTY & HANOVER
CONSULTING ENGINEERS
NEW YORK, N.Y.

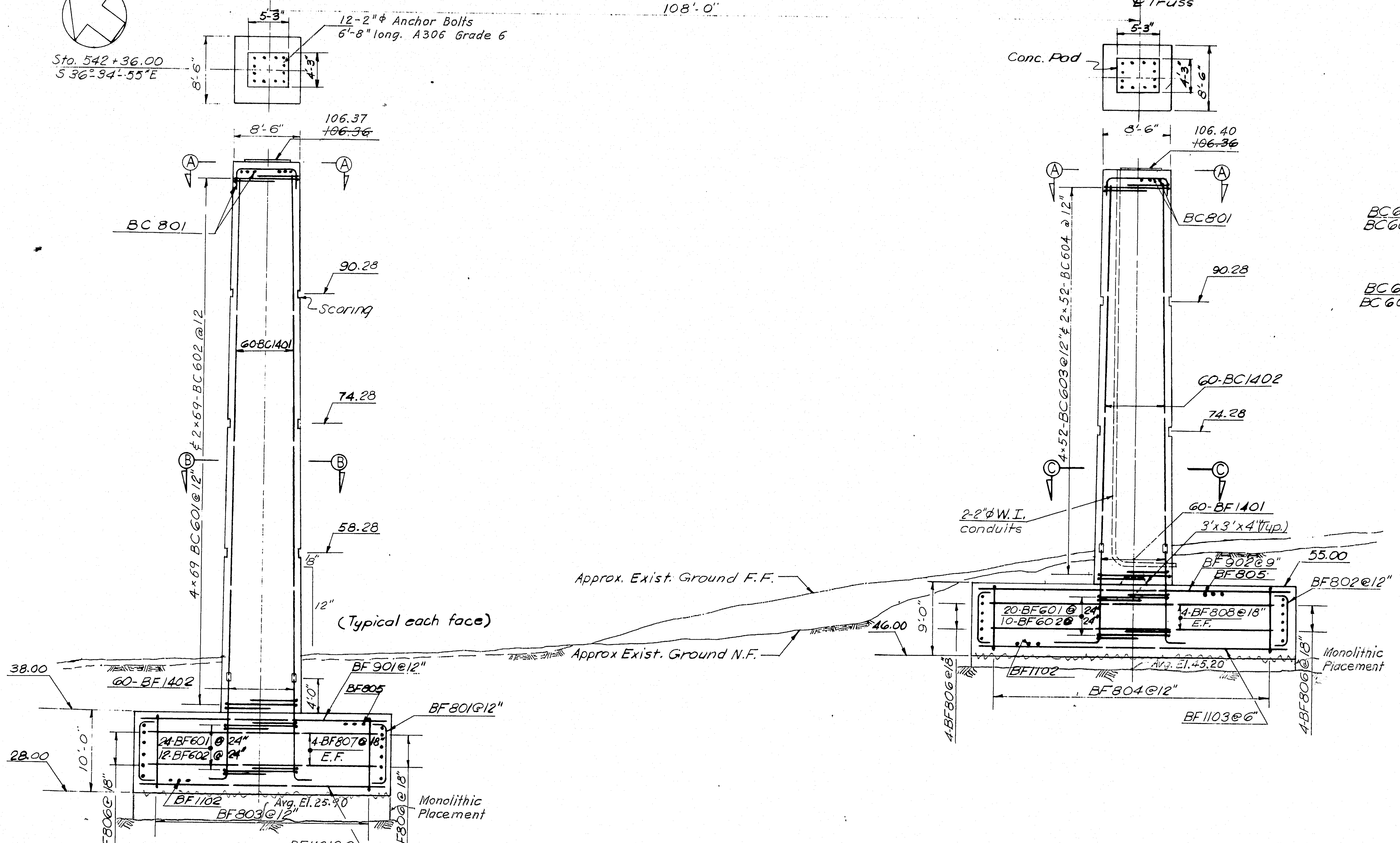
NEW HAMPSHIRE
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
AND
MAINE STATE HIGHWAY COMMISSION
INTERSTATE 95 BRIDGE
OVER
PISCATAQUA RIVER
BETWEEN
PORTSMOUTH, NEW HAMPSHIRE AND KITTERY, MAINE
NEW HAMPSHIRE APPROACH

PIER 1S

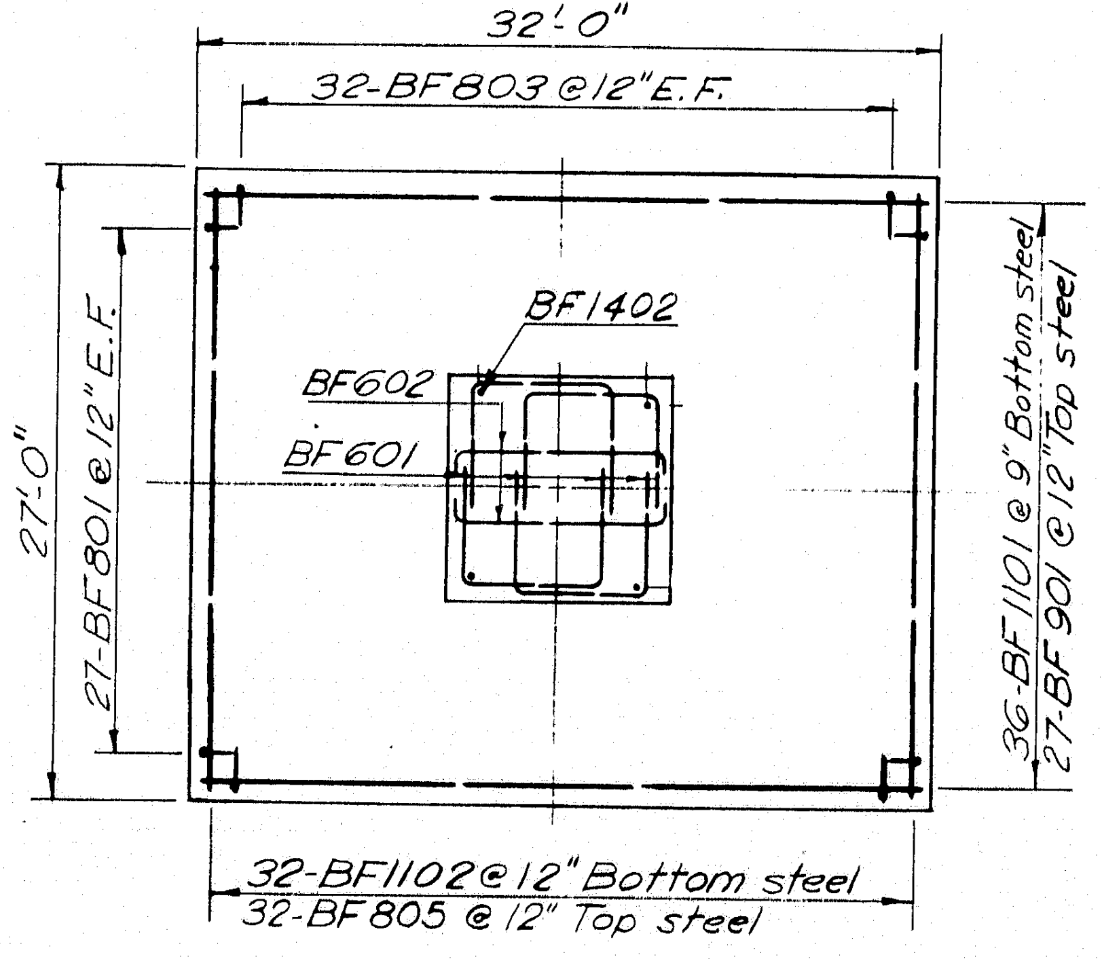
SHEET 34 OF 75

128-173

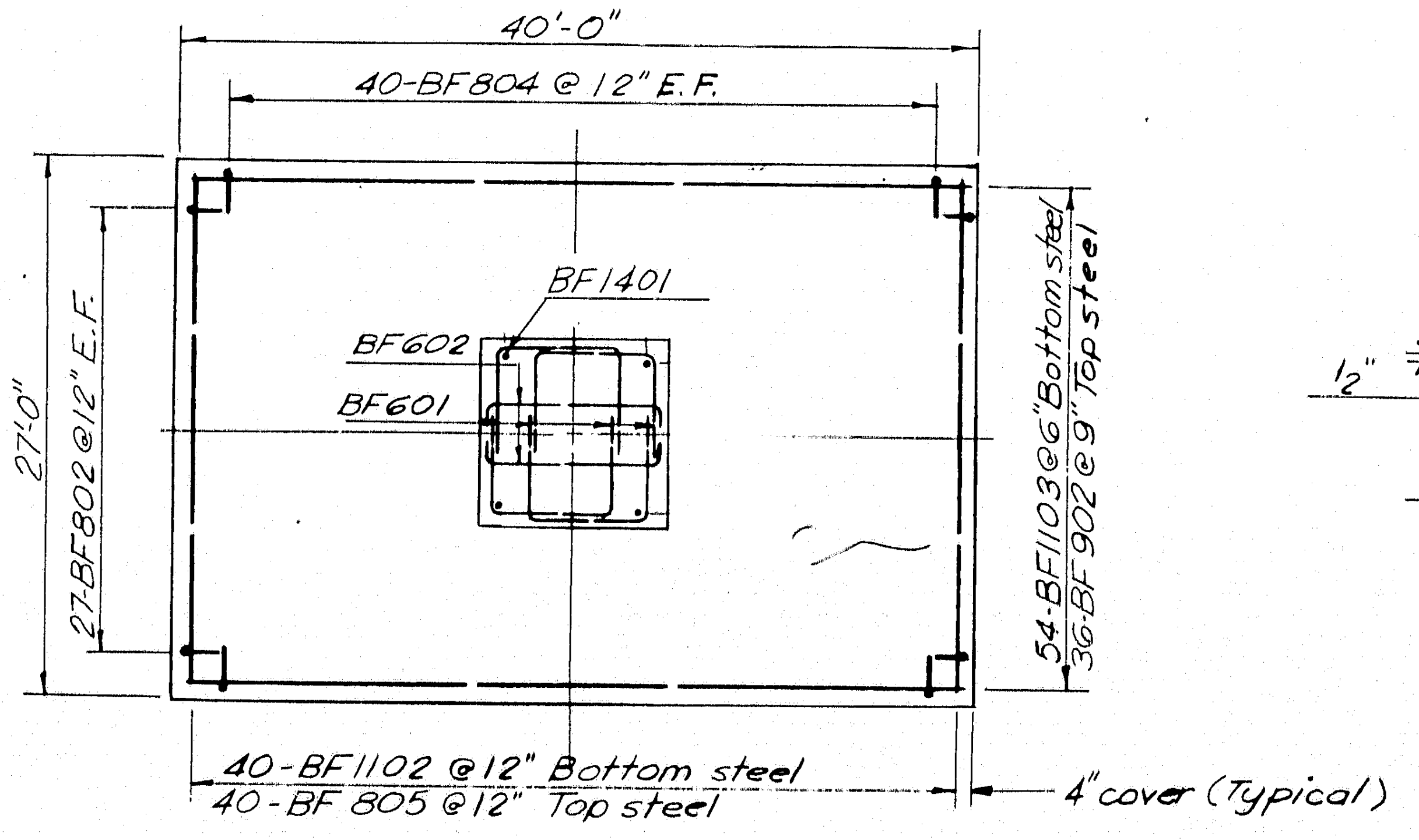
B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	I-95-1(22)16	35	75



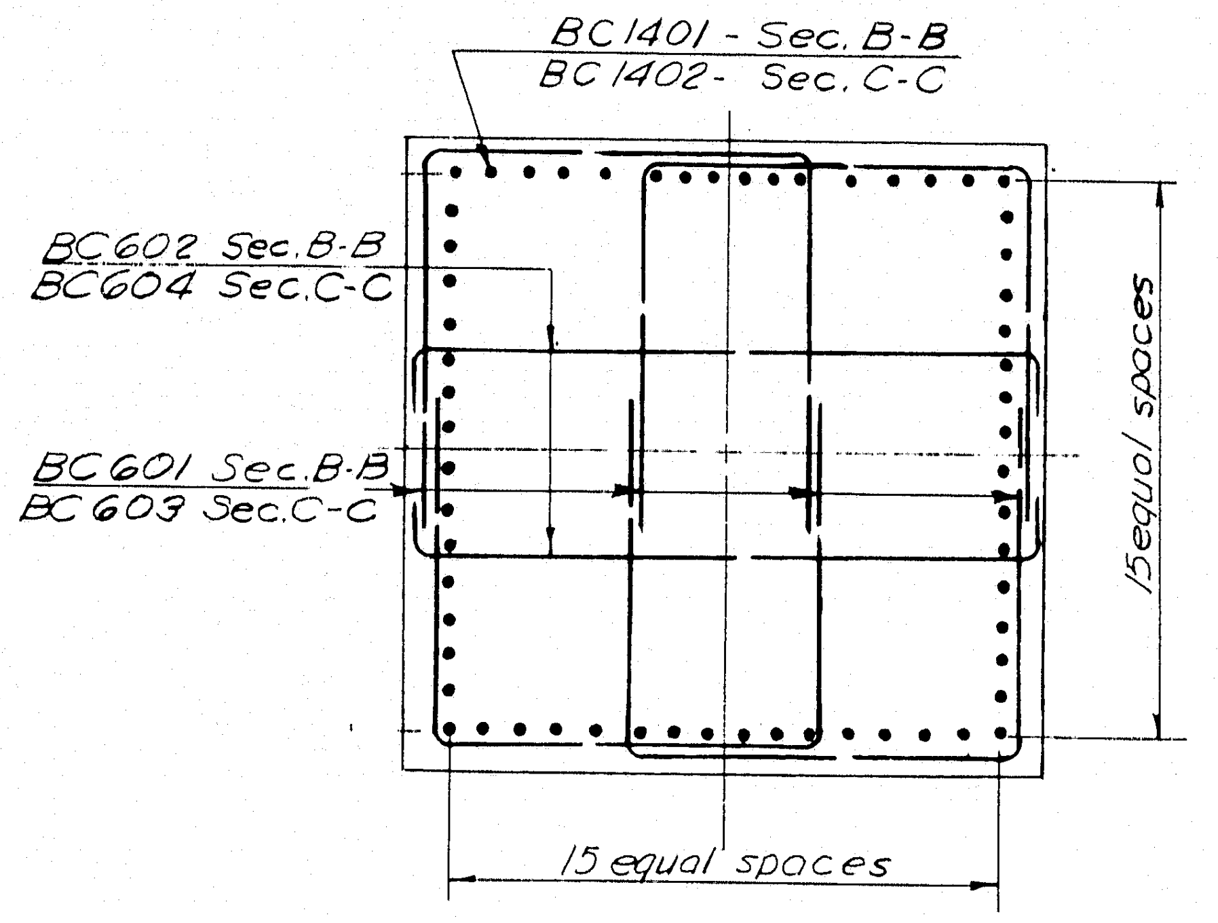
ELEVATION
Scale: 1/8"=1'-0"



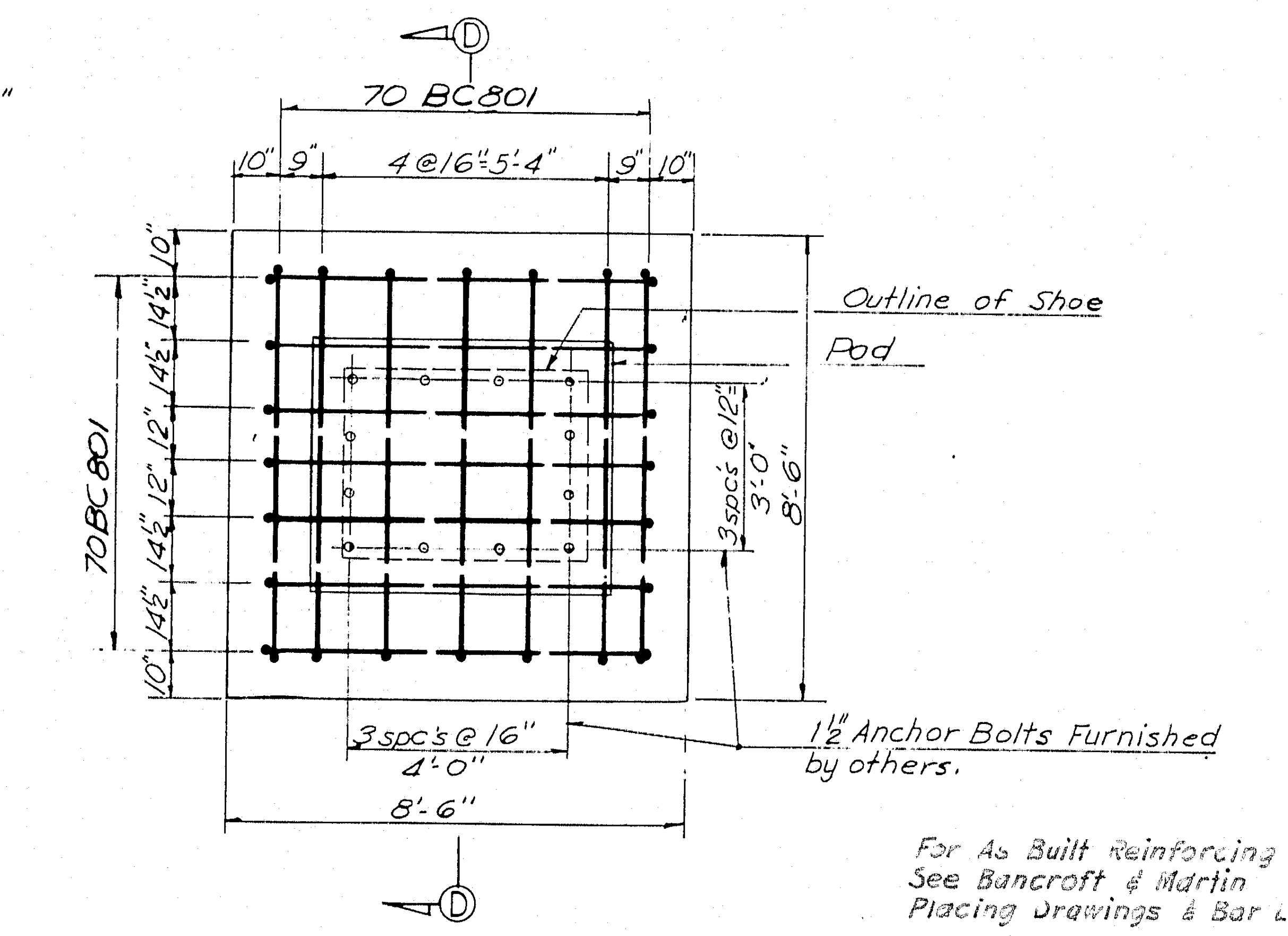
WEST COLUMN FOOTING PLAN
Scale: 1/8"=1'-0"



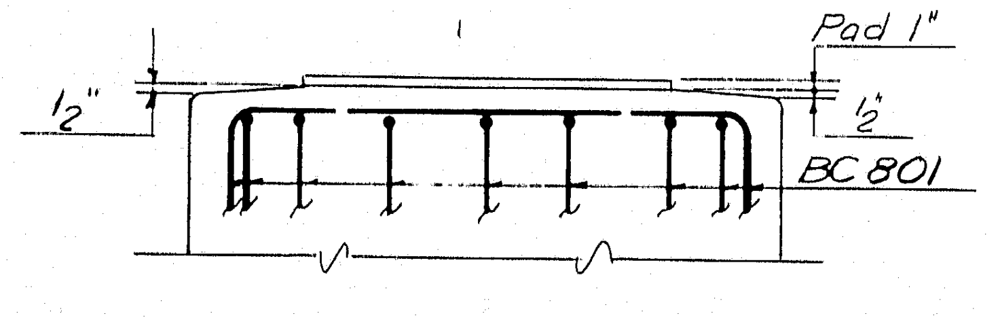
WEST COLUMN FOOTING PLAN



SECTIONS B-B & C-C
Scale: 3/8"=1'-0"



SECTION A-A
Scale: 3/8"=1'-0"



SECTION D-D
Scale: 3/8"=1'-0"

For As Built Reinforcing Steel Details See Bancroft & Martin Placing Drawings & Bar Lists.

NOTE:
For Scoring Detail see sh. 37

AS BUILT
R.W. Christ 2/5/73

HARDESTY & HANOVER
CONSULTING ENGINEERS
NEW YORK, N. Y.

DESIGN - G. Bechtel
TRACE - V. Malec
CHECK - J. Pinkus

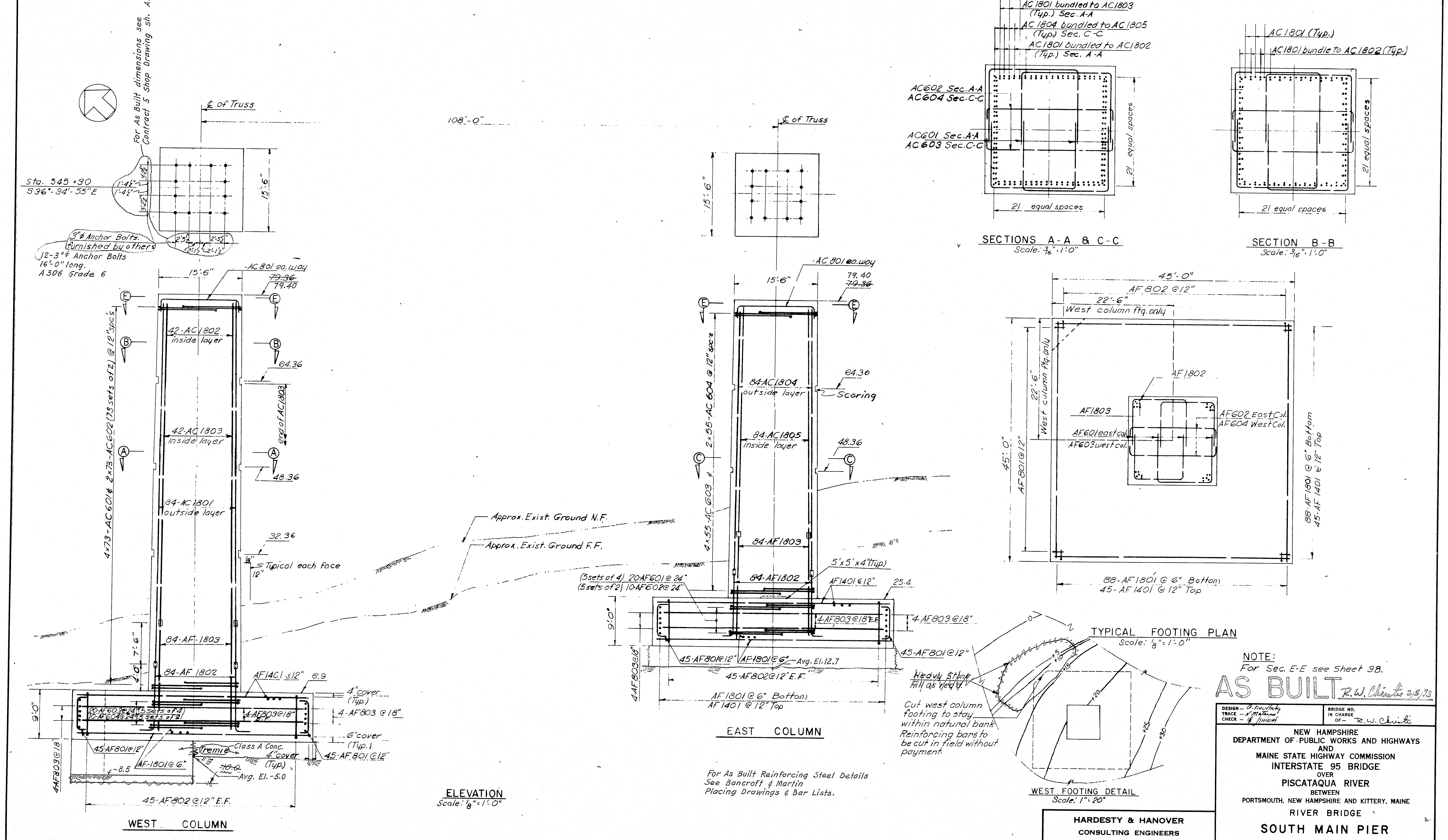
BRIDGE NO.
IN CHARGE OF - R.W. Christ

NEW HAMPSHIRE
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
AND
MAINE STATE HIGHWAY COMMISSION
INTERSTATE 95 BRIDGE
OVER
PISCATAQUA RIVER
BETWEEN
PORTSMOUTH, NEW HAMPSHIRE AND KITTERY, MAINE
RIVER BRIDGE
SOUTH ANCHOR PIER

SHEET 35 OF 75

128-174

B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	1—95—1 (22)16	36	75



NOTE:
For Sec. E-E see Sheet 38.

AS BUILT R.W. Christie 2/5/73

DESIGN — A. Novitsky
TRACE — N. Matera
CHECK — G. Jmierat

BRIDGE NO.
IN CHARGE OF — R.W. Christie

NEW HAMPSHIRE
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
AND
MAINE STATE HIGHWAY COMMISSION
INTERSTATE 95 BRIDGE
OVER
PISCATAQUA RIVER
BETWEEN
PORTSMOUTH, NEW HAMPSHIRE AND KITTERY, MAINE
RIVER BRIDGE

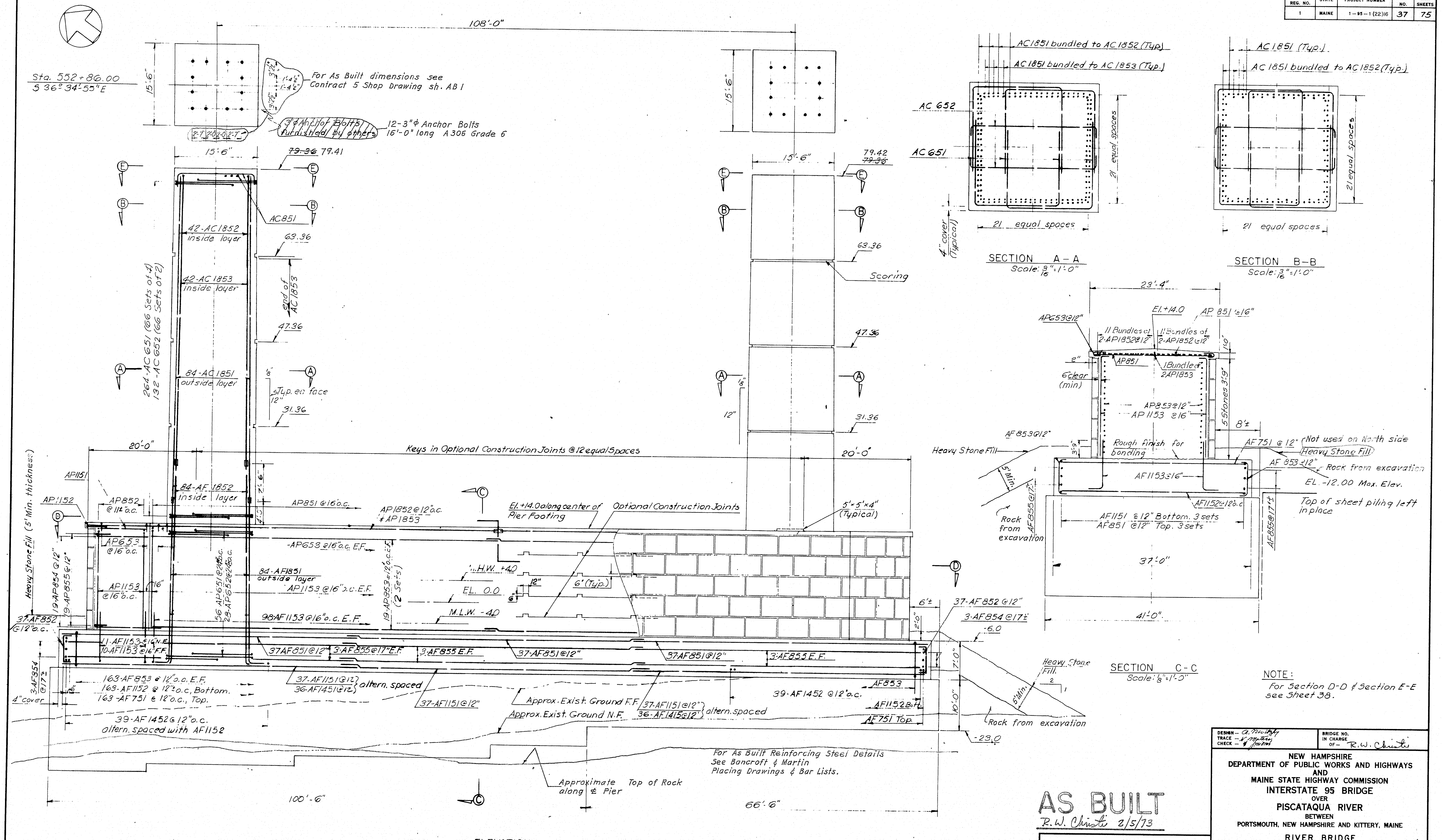
SOUTH MAIN PIER

SHEET 36 OF 75

HARDESTY & HANOVER
CONSULTING ENGINEERS
NEW YORK, N. Y.

128-175

B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	1—95—1 (22)16	37	75



SECTION A-A
Scale: 3/16" = 1'-0"

SECTION B-B
Scale: 3/16" = 1'-0"

SECTION C-C
Scale: 1/8" = 1'-0"

ELEVATION
Scale: 1/8" = 1'-0"

For As Built Reinforcing Steel Details See Bancroft & Martin Placing Drawings & Bar Lists.

NOTE:
For Section D-D & Section E-E see Sheet 38.

AS BUILT
R.W. Christie 2/5/73

HARDESTY & HANOVER
CONSULTING ENGINEERS
NEW YORK, N. Y.

DESIGN — A. Novitzky
TRACE — N. Matero
CHECK — J. Jmions

BRIDGE NO.
IN CHARGE OF — R.W. Christie

NEW HAMPSHIRE
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
AND
MAINE STATE HIGHWAY COMMISSION
INTERSTATE 95 BRIDGE
OVER
PISCATAQUA RIVER
BETWEEN
PORTSMOUTH, NEW HAMPSHIRE AND KITTERY, MAINE

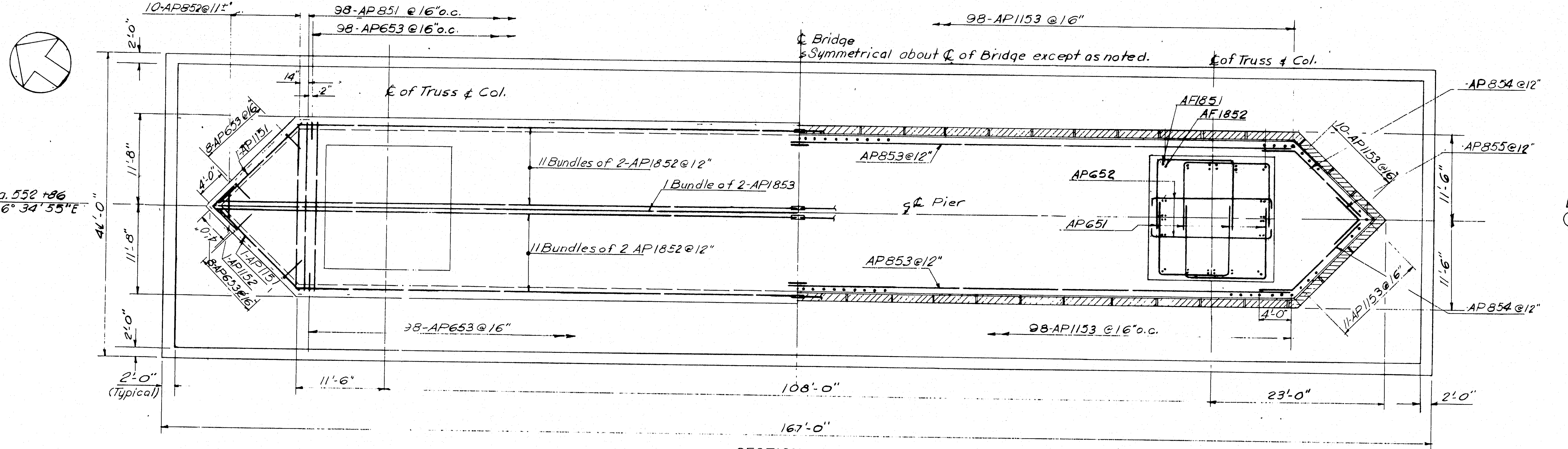
RIVER BRIDGE

NORTH MAIN PIER I

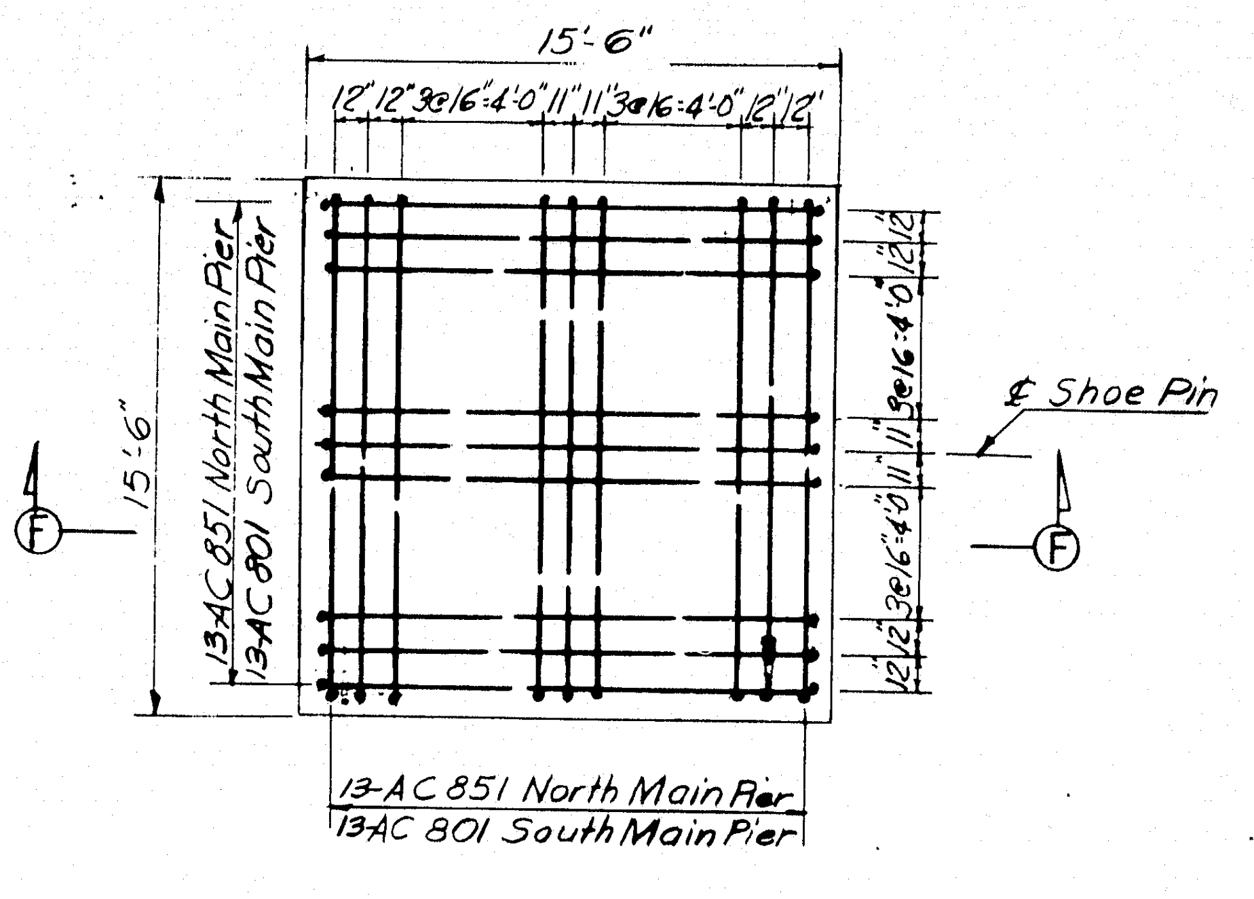
SHEET 37 OF 75

128-176

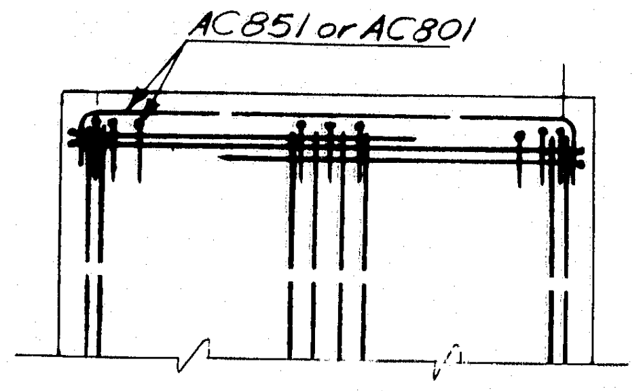
B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	1—95—1 (22)16	38	75



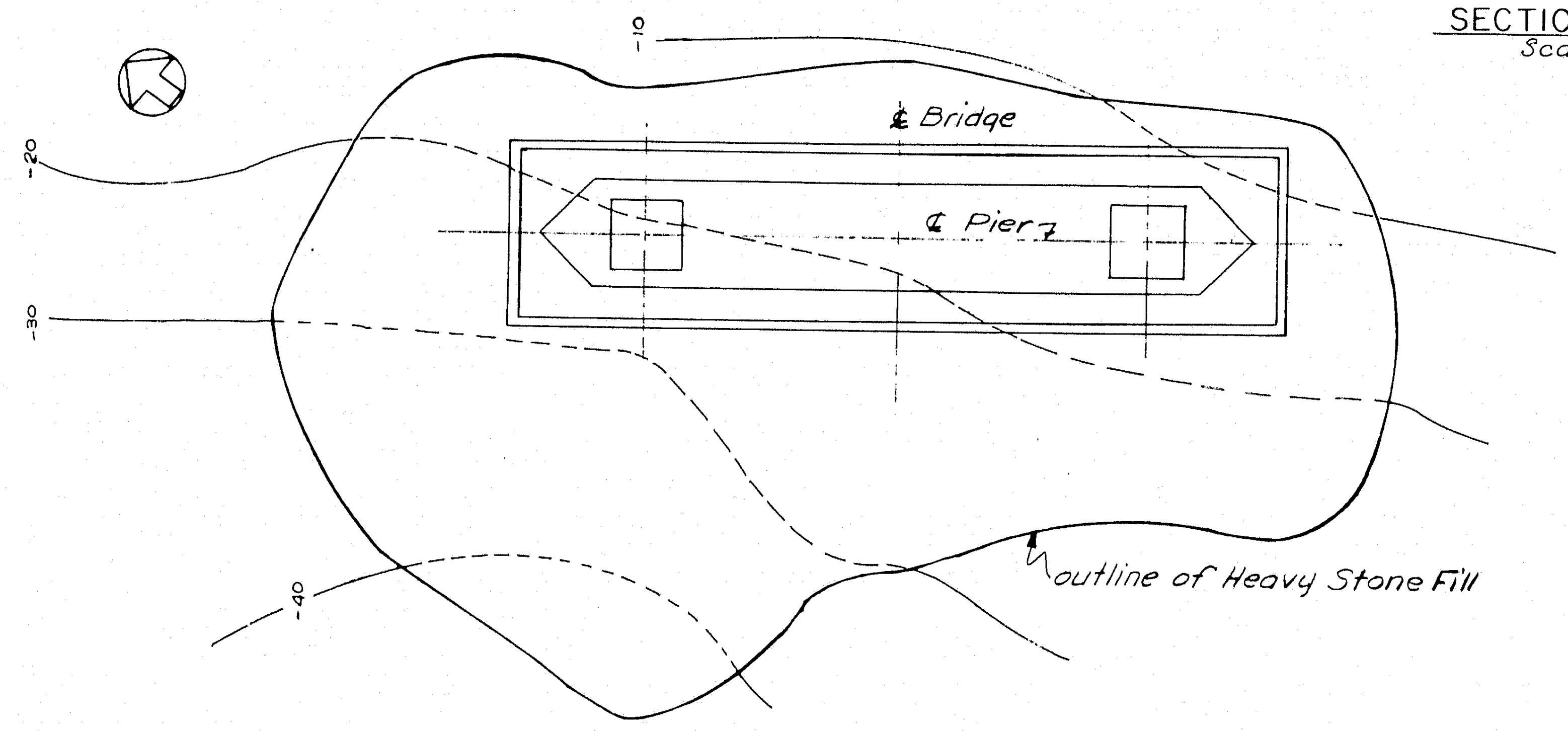
SECTION D-D
Scale: ⅛"=1'-0"



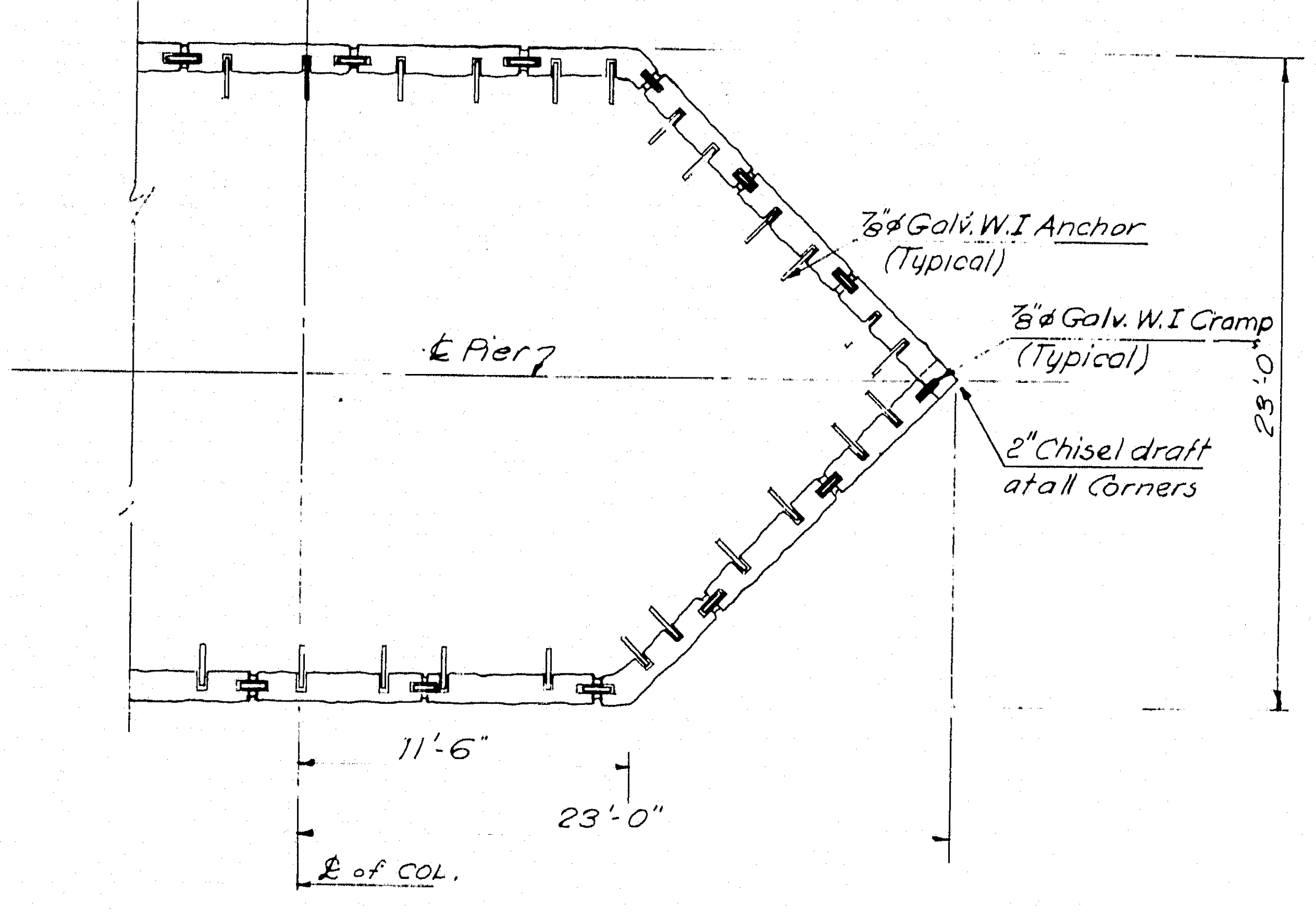
VIEW E-E
Scale: 3/16"=1'-0"



SECTION F-F
Scale: 3/16"=1'-0"

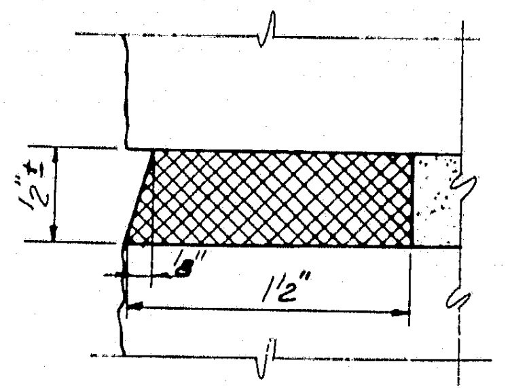


PLAN
HEAVY STONE FILL
Scale: 1"=30'

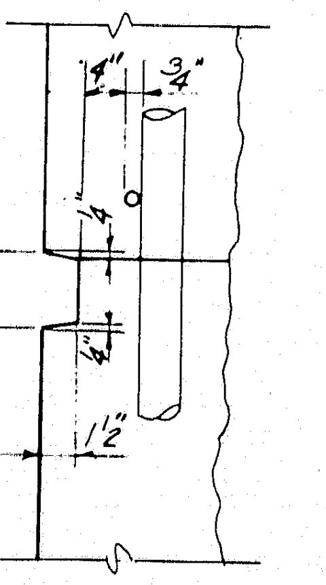


⅞"⌀ Galv. W.I Anchor (Typical)
⅞"⌀ Galv. W.I Cramp (Typical)
℄ Pier
2" Chisel draft at all Corners
23'-0"
11'-6"
23'-0"
℄ of COL.

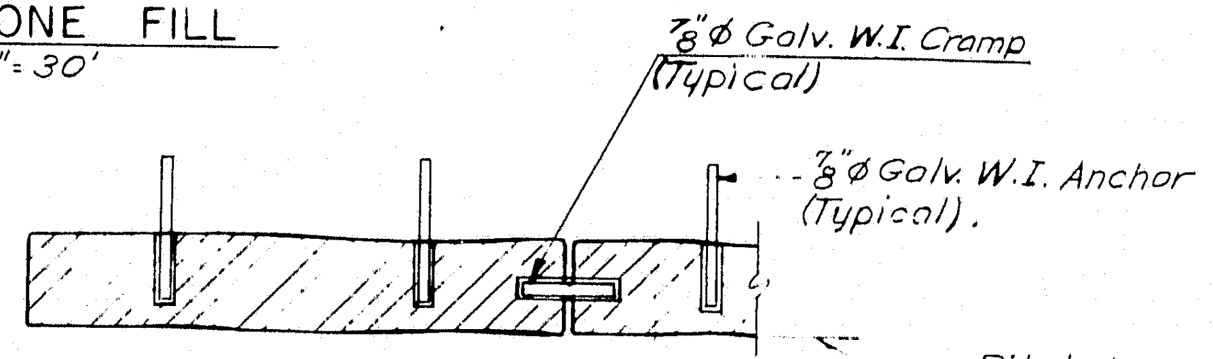
PIER NOSE
Scale: 3/16"=1'-0"



LEAD JOINT DETAIL
Scale: Full Size

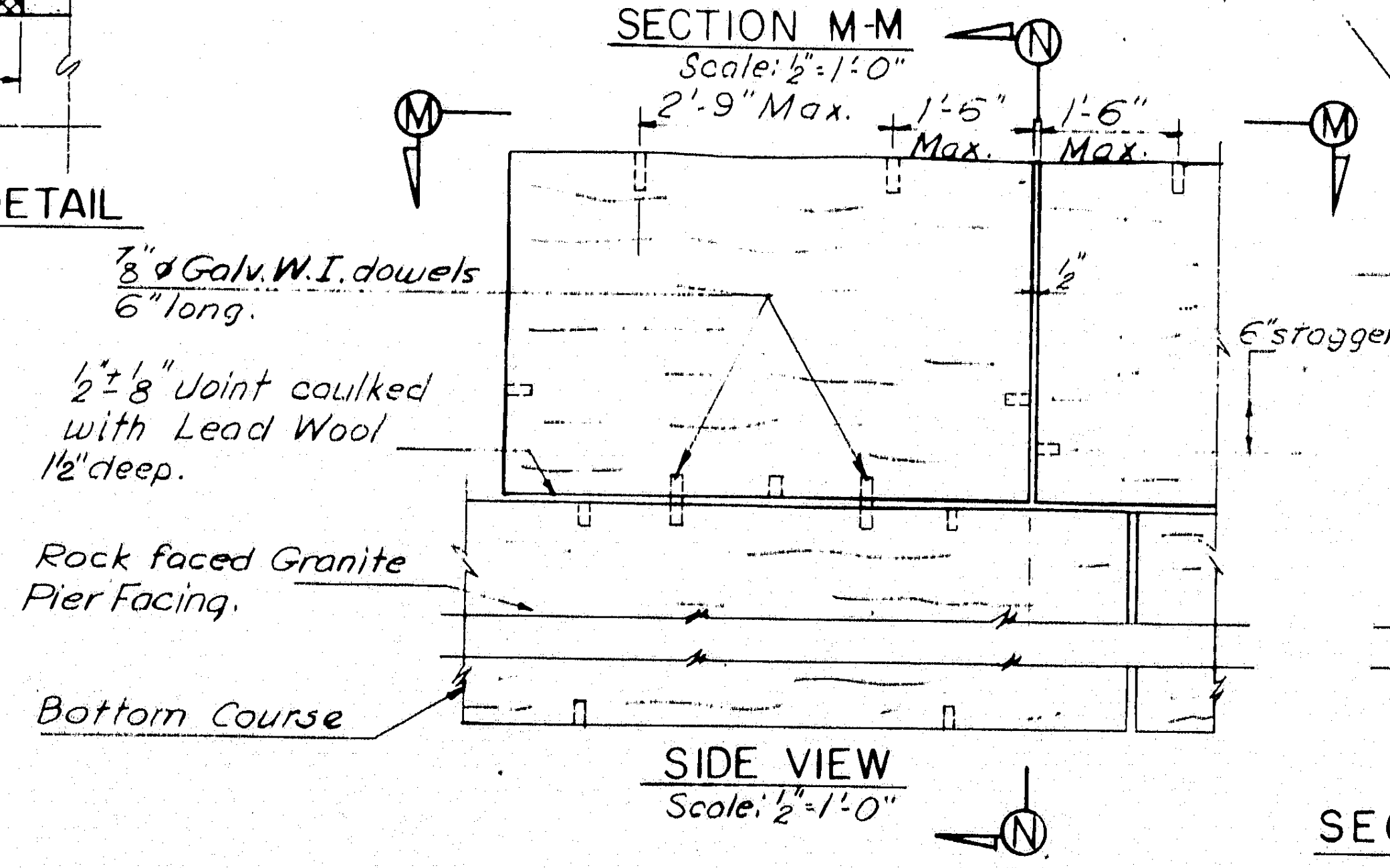


SCORING DETAIL
Scale: 1½"=1'-0"



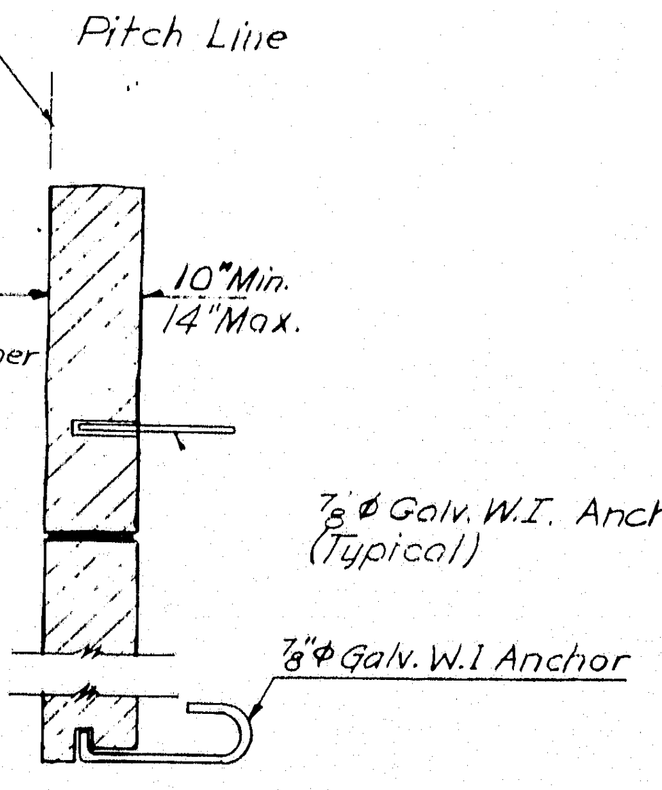
⅞"⌀ Galv. W.I. Cramp (Typical)
⅞"⌀ Galv. W.I. Anchor (Typical).

SECTION M-M
Scale: ½"=1'-0"

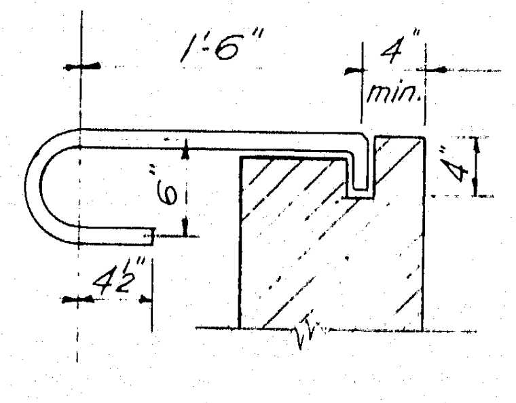


N
M
M
2'-9" Max.
1'-5" Max.
1'-6" Max.
⅞"⌀ Galv. W.I. dowels 6" long.
½"±⅛" Joint caulked with Lead Wool 1½" deep.
½"
6" stagger
Rock faced Granite Pier Facing.
Bottom Course
N

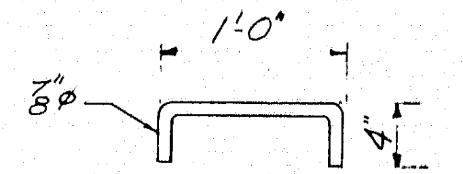
SIDE VIEW
Scale: ½"=1'-0"



SECTION N-N
Scale: ½"=1'-0"



TYPICAL ANCHOR
Scale: 1"=1'-0"



TYPICAL CRAMP
Scale: 1"=1'-0"

For As Built Reinforcing Steel Details
See Bancroft & Martin
Placing Drawings & Bar Lists.

NOTE:
Pay lines for concrete within granite facing to be 12" inside pitch line of granite.

AS BUILT
R.W. Christie 2/5/73

DESIGN — A. Novitsky
TRACE — V. Mateu
CHECK — J. Smith

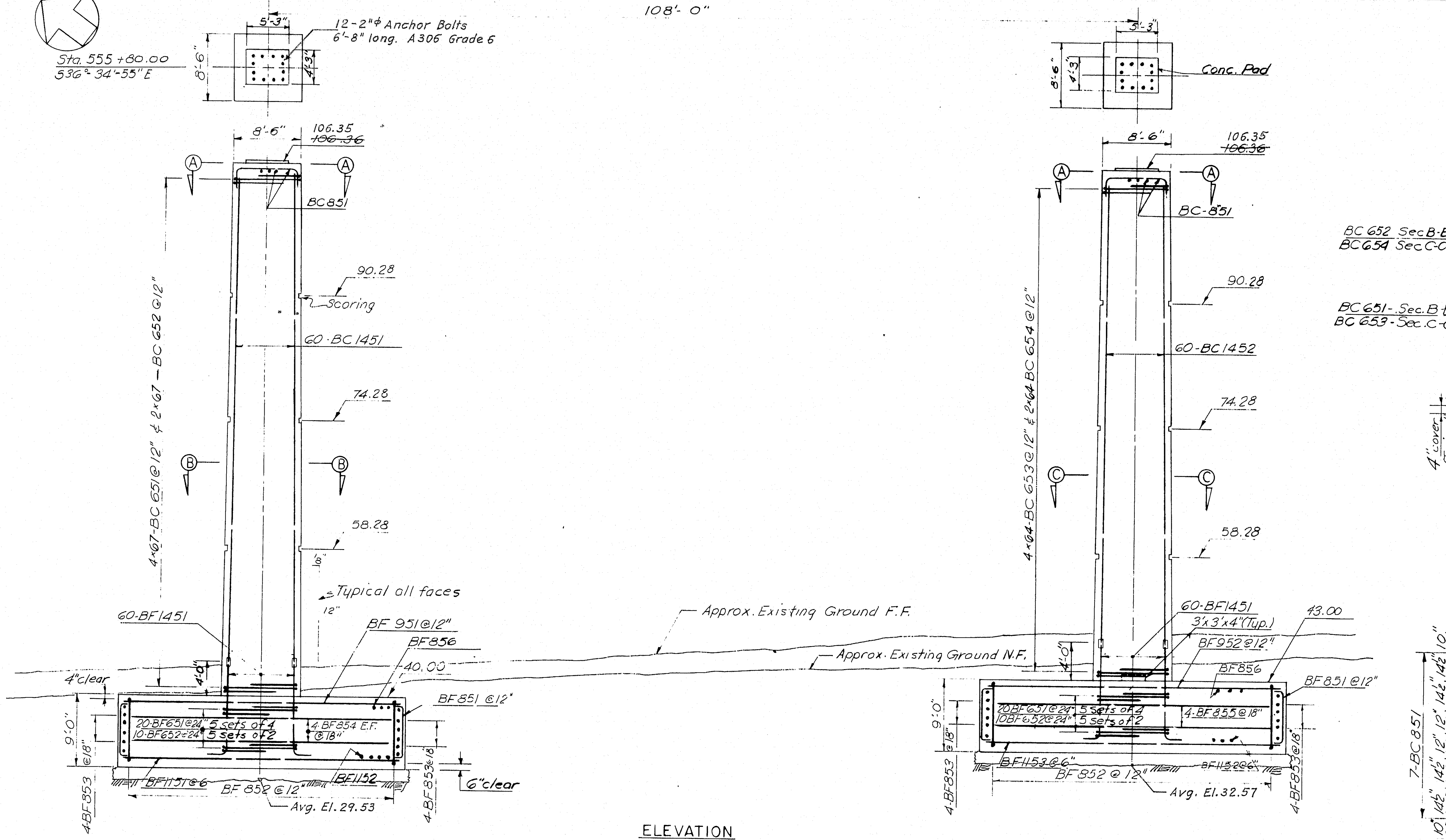
BRIDGE NO.
IN CHARGE OF — R.W. Christie

NEW HAMPSHIRE
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
AND
MAINE STATE HIGHWAY COMMISSION
INTERSTATE 95 BRIDGE
OVER
PISCATAQUA RIVER
BETWEEN
PORTSMOUTH, NEW HAMPSHIRE AND KITTERY, MAINE
RIVER BRIDGE
NORTH MAIN PIER II
SHEET 38 OF 75

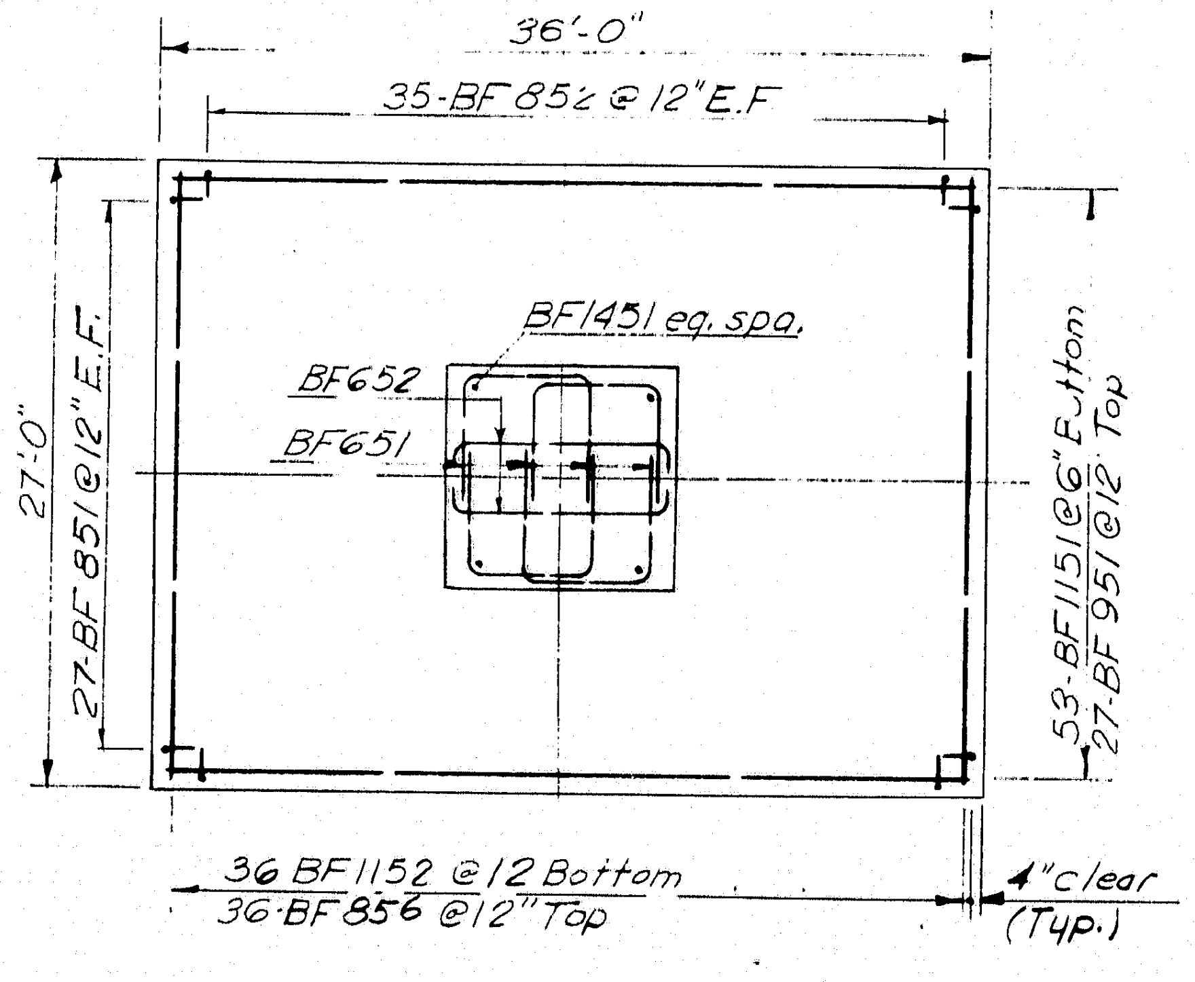
HARDESTY & HANOVER
CONSULTING ENGINEERS
NEW YORK, N. Y.

128-177

B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	1—95—1 (22) 16	39	75

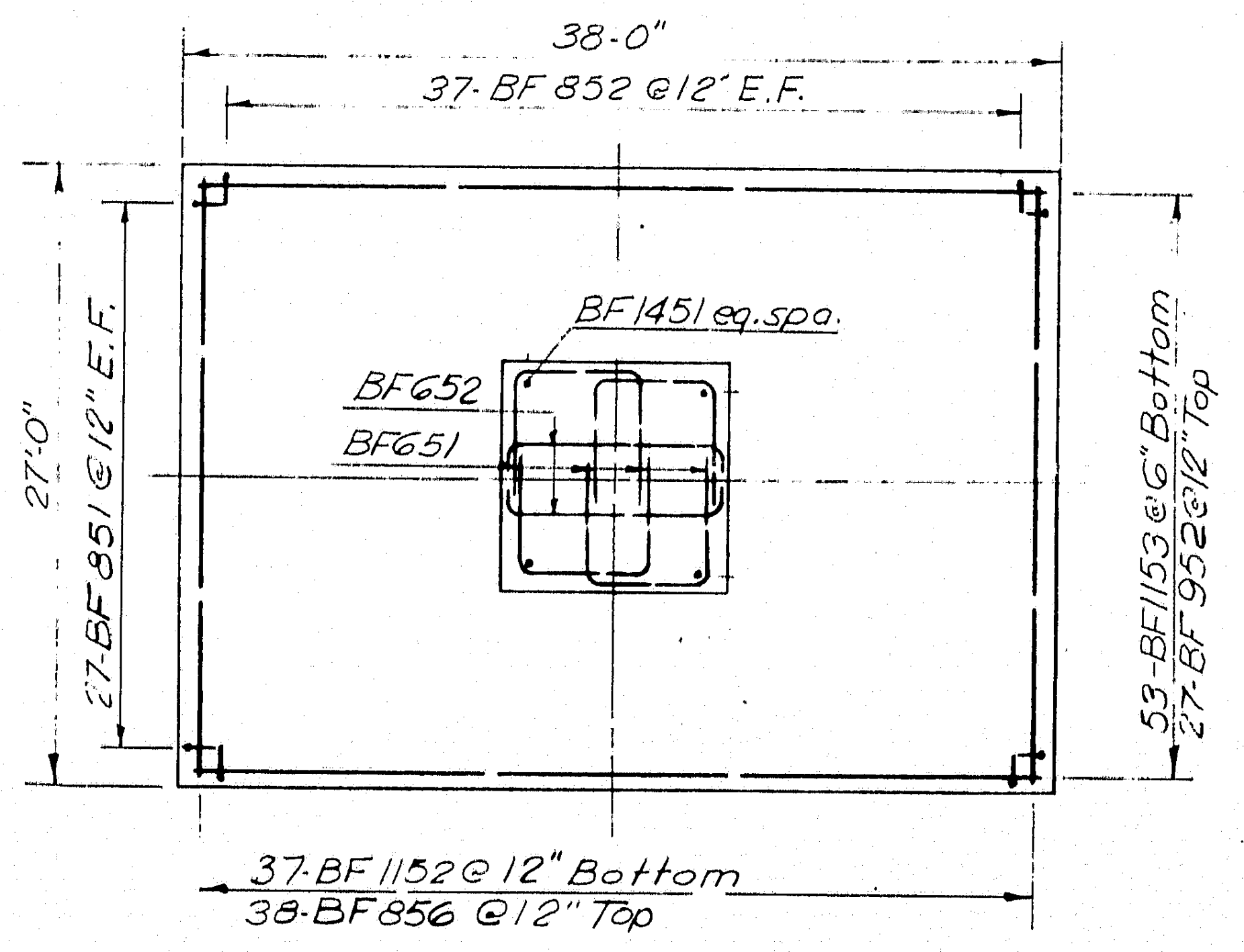


ELEVATION
Scale: 1/8"=1'-0"



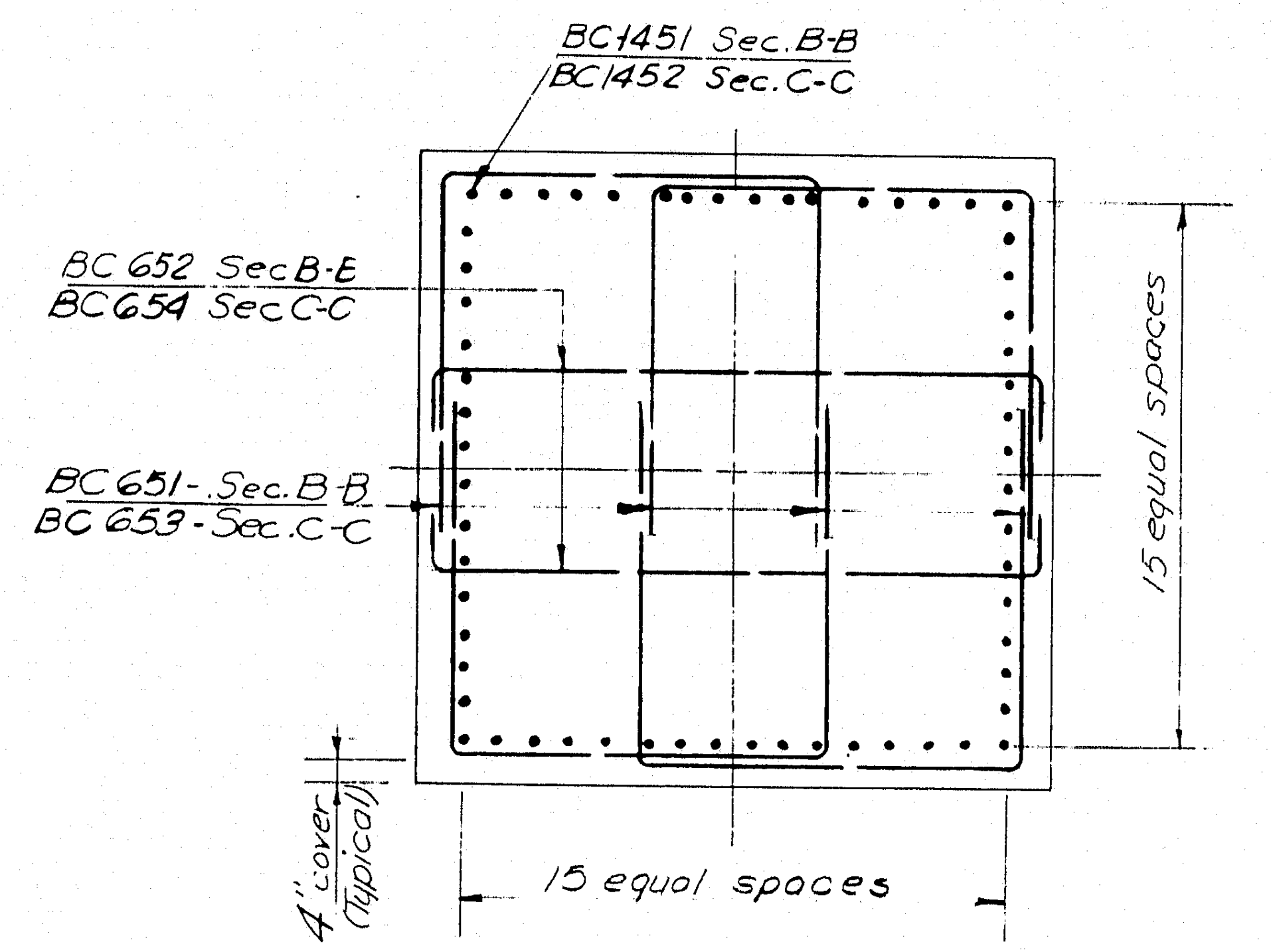
WEST COLUMN FOOTING

PLAN
Scale: 1/8"=1'-0"

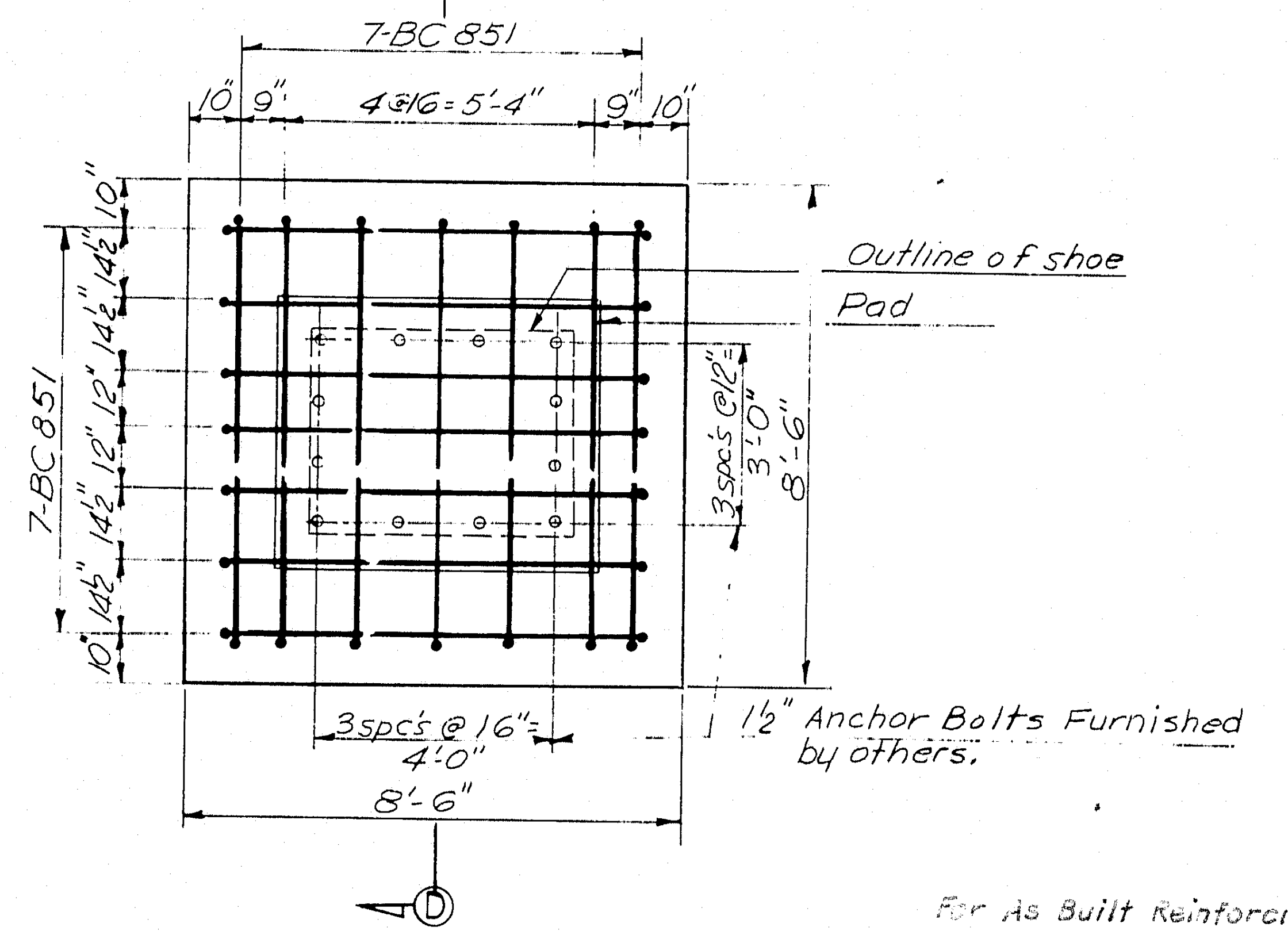


EAST COLUMN FOOTING

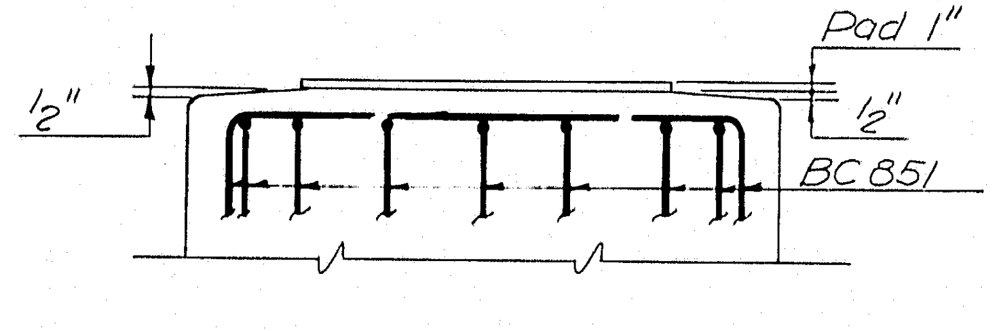
PLAN
Scale: 1/8"-1'-0"



SECTIONS B-B & C-C
Scale: 3/8"=1'-0"



SECTION A-A
Scale: 3/8"=1'-0"



SECTION D-D
Scale: 3/8"=1'-0"

For As Built Reinforcing Steel Details
See Bancroft & Martin
Placing Drawings & Bar Lists.

AS BUILT
R.W. Christie 2/5/73

DESIGN — O. Dowtzhy
TRACE — N. Mateas
CHECK — J. Prieme

BRIDGE NO.
IN CHARGE OF — R.W. Christie

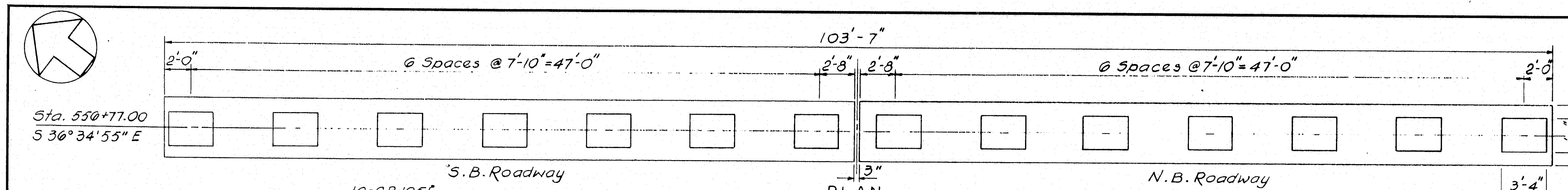
NEW HAMPSHIRE
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
AND
MAINE STATE HIGHWAY COMMISSION
INTERSTATE 95 BRIDGE
OVER
PISCATAQUA RIVER
BETWEEN
PORTSMOUTH, NEW HAMPSHIRE AND KITTERY, MAINE
RIVER BRIDGE
NORTH ANCHOR PIER

SHEET 39 OF 75

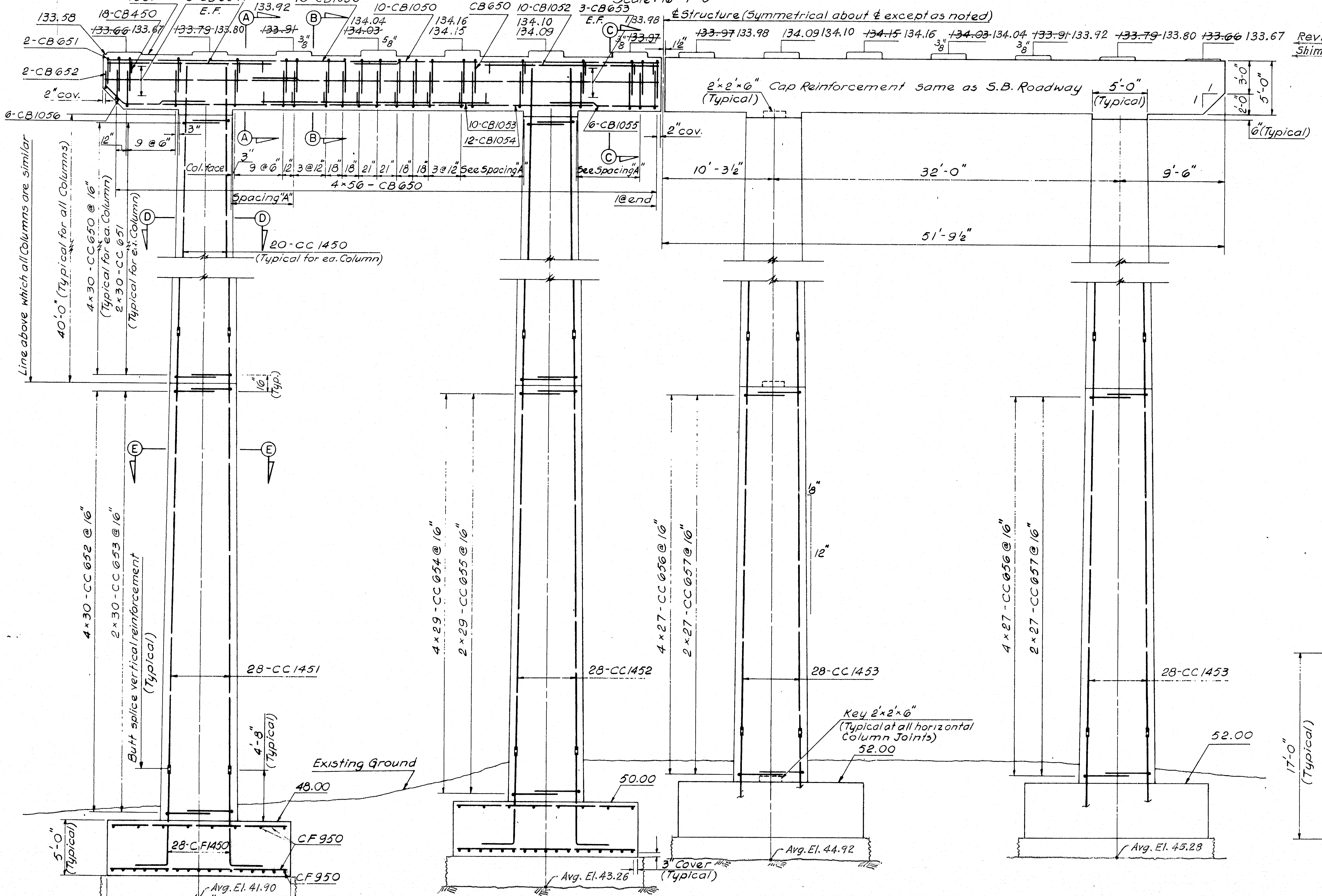
HARDESTY & HANOVER
CONSULTING ENGINEERS
NEW YORK, N. Y.

128-178

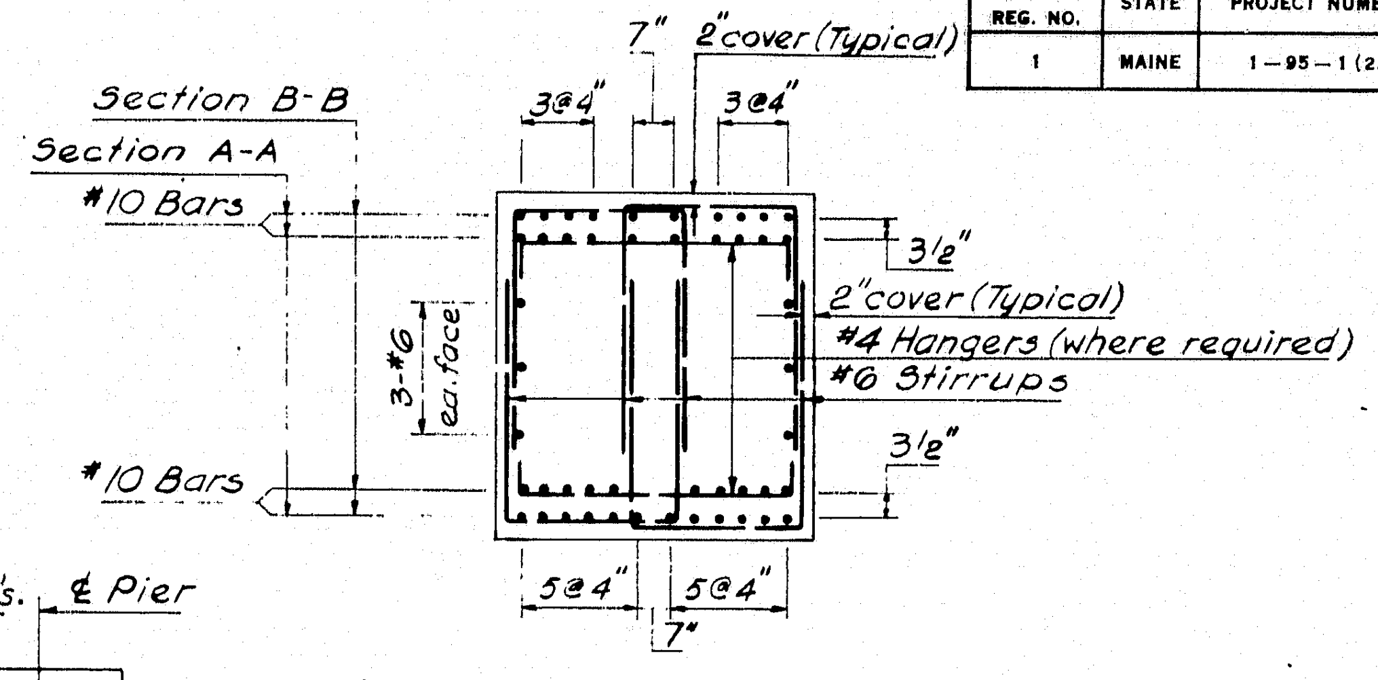
B.P.R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	1—95—1 (22) 16	40	75



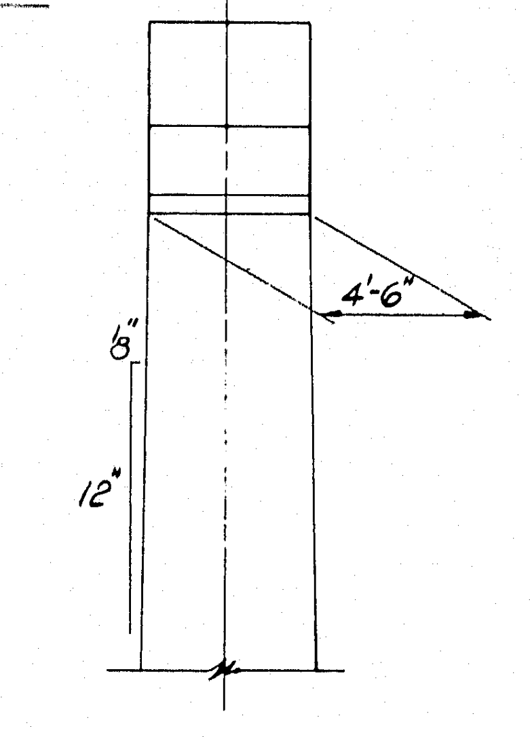
PLAN
Scale: 3/16" = 1'-0"



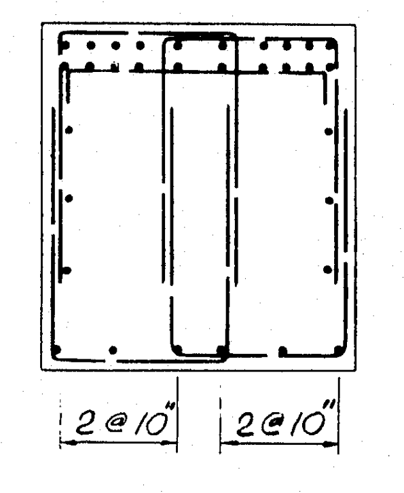
ELEVATION
Scale: 3/16" = 1'-0"



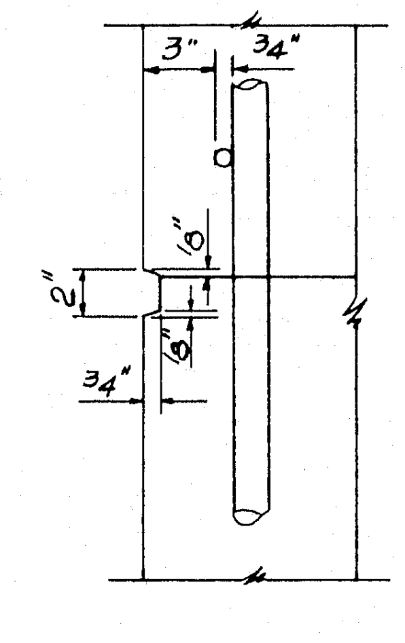
SECTIONS A-A & B-B
Scale: 3/8" = 1'-0"



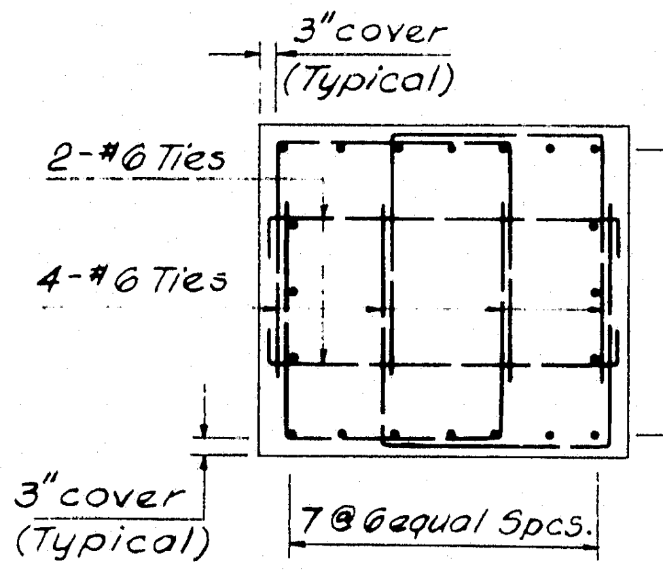
END ELEVATION
Scale: 3/16" = 1'-0"



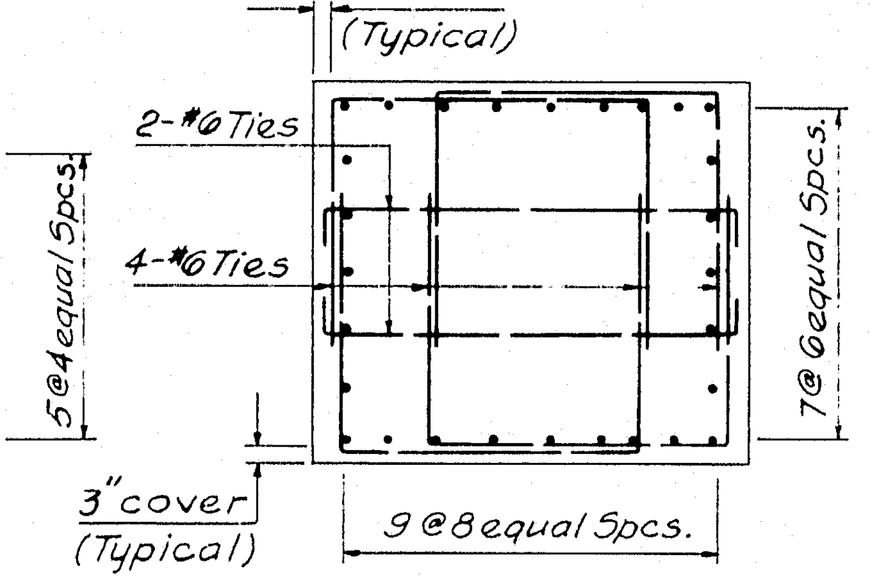
SECTION C-C
Scale: 3/8" = 1'-0"



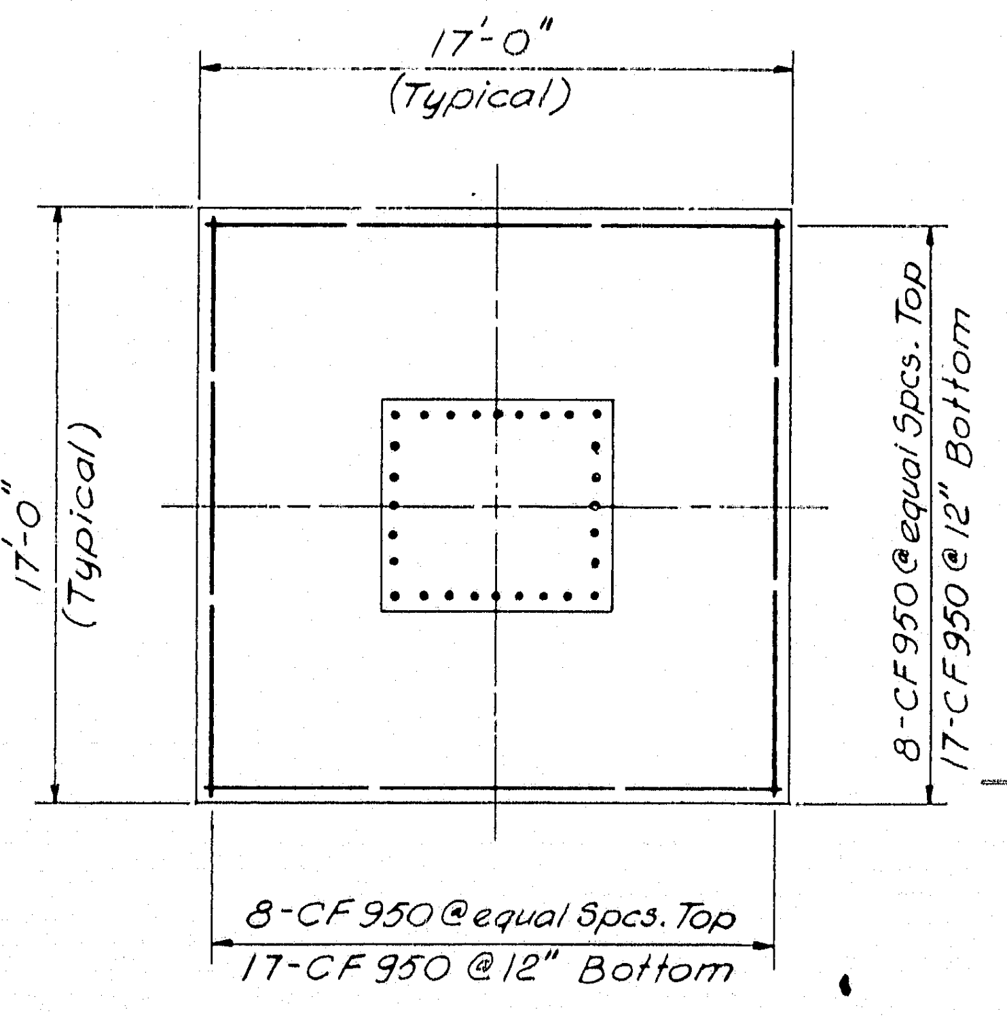
SCORING DETAIL
Scale: 1/2" = 1'-0"
(Typical for Approach Piers)



SECTION D-D
Scale: 3/8" = 1'-0"



SECTION E-E
Scale: 3/8" = 1'-0"



TYPICAL FOOTING PLAN
Scale: 3/16" = 1'-0"

For As Built Reinforcing Steel Details
See Bancroft & Martin
Placing Drawings & Bar Lists.

For note on As-Built Elevations
see sh. 17.

AS BUILT
R.W. Christie 2,5,73

DESIGN — T.C. Thompson
TRACE — A.D. Tchenkell
CHECK — J.J. Mansour

BRIDGE NO.
IN CHARGE OF — R.W. Christie

NEW HAMPSHIRE
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
AND
MAINE STATE HIGHWAY COMMISSION
INTERSTATE 95 BRIDGE
OVER
PISCATAQUA RIVER
BETWEEN
PORTSMOUTH, NEW HAMPSHIRE AND KITTERY, MAINE
MAINE APPROACH

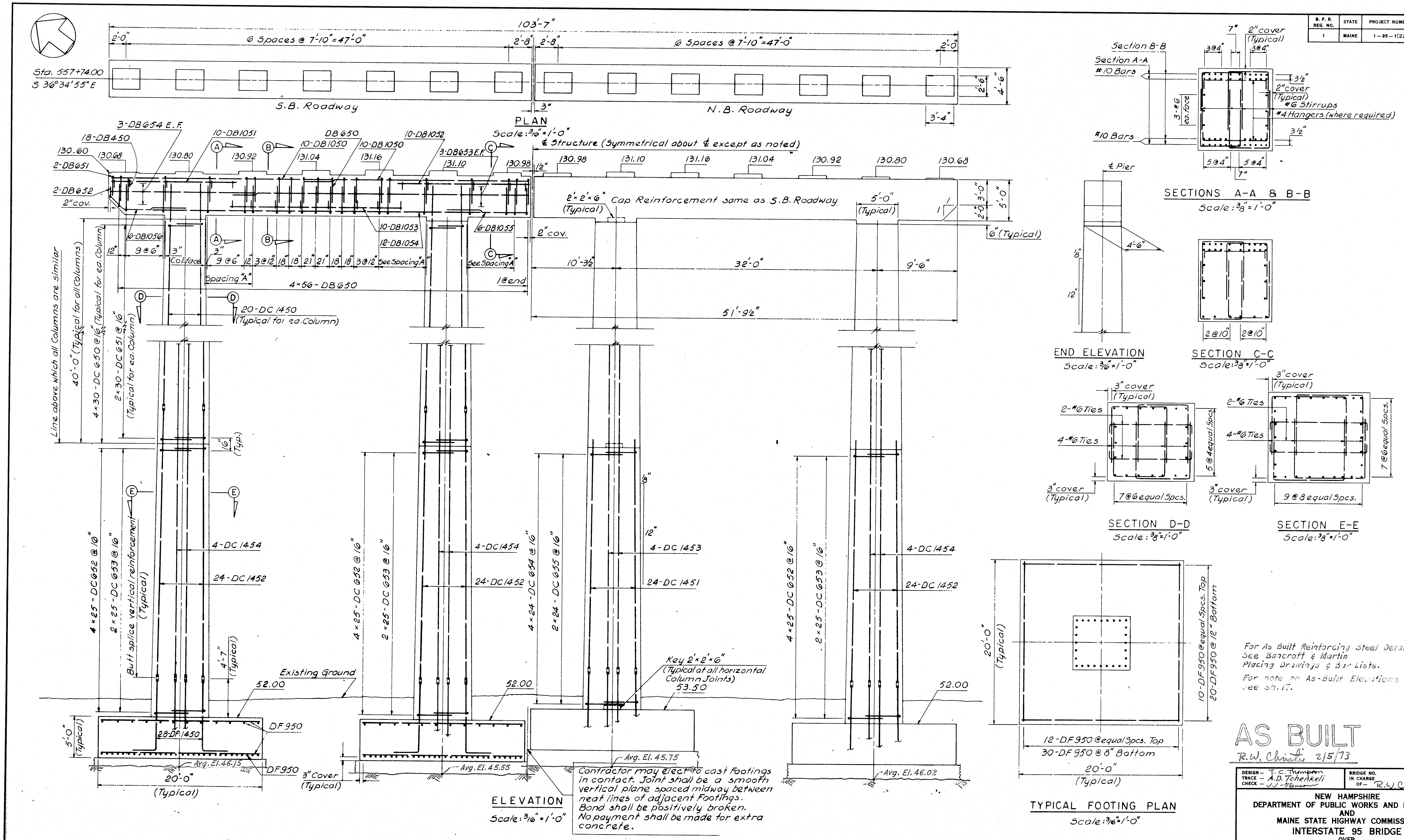
PIER 1N

SHEET 40 OF 75

HARDESTY & HANOVER
CONSULTING ENGINEERS
NEW YORK, N. Y.

128-179

B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	1 — 95 — 1(22) 16	41	75



Contractor may elect to cast Footings in contact. Joint shall be a smooth vertical plane spaced midway between neat lines of adjacent Footings. Bond shall be positively broken. No payment shall be made for extra concrete.

For As Built Reinforcing Steel Details See Bancroft & Martin Placing Drawings & Bar Lists.

For note on As-Built Elevations See sh. 17.

AS BUILT
R.W. Christie 2/5/73

DESIGN — T. C. Thompson
TRACE — A.D. Tchenkeli
CHECK — J.J. Mansour

BRIDGE NO.
IN CHARGE OF — R.W. Christie

NEW HAMPSHIRE
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
AND
MAINE STATE HIGHWAY COMMISSION
INTERSTATE 95 BRIDGE
OVER
PISCATAQUA RIVER
BETWEEN
PORTSMOUTH, NEW HAMPSHIRE AND KITTERY, MAINE
MAINE APPROACH

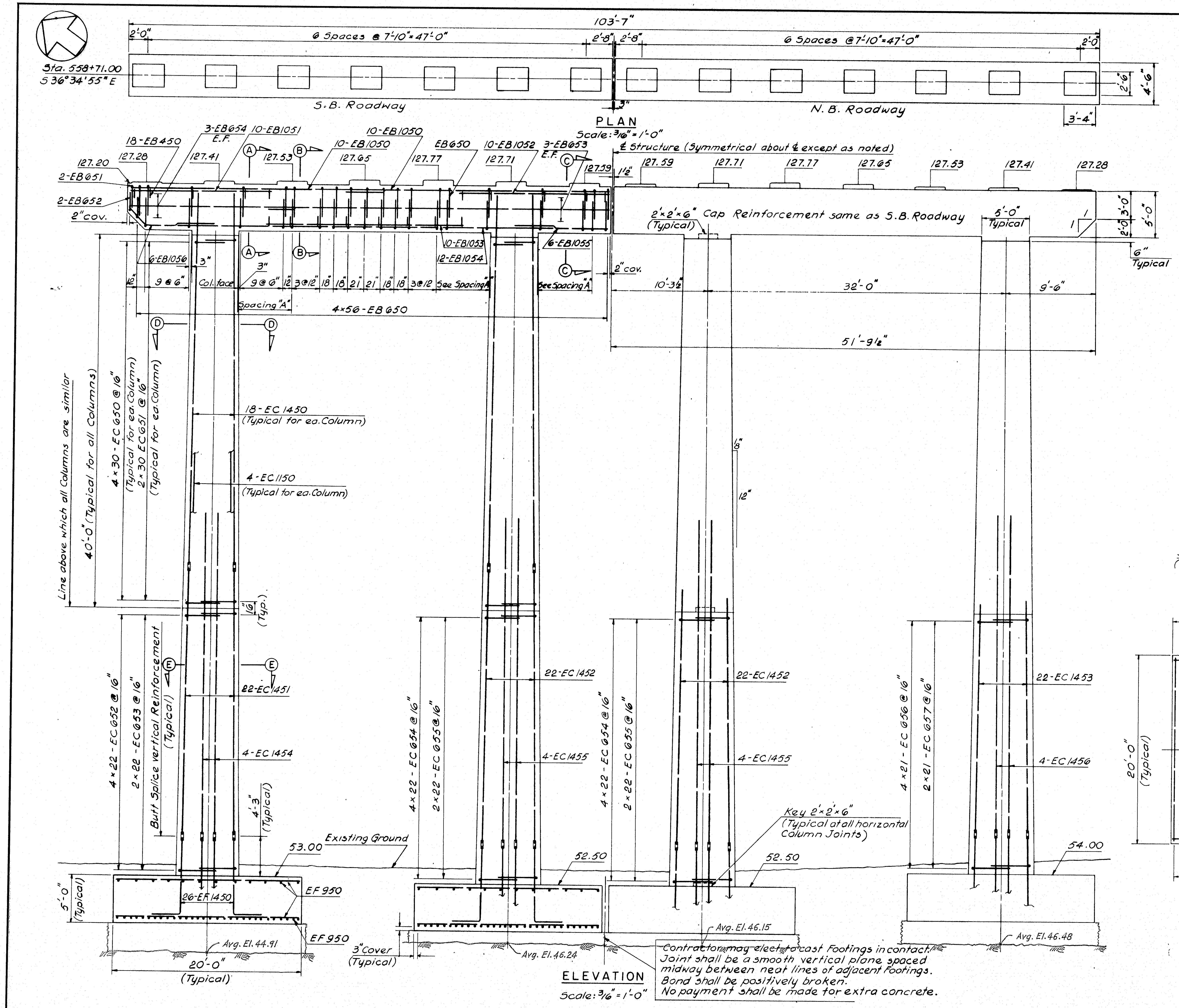
PIER 2 N

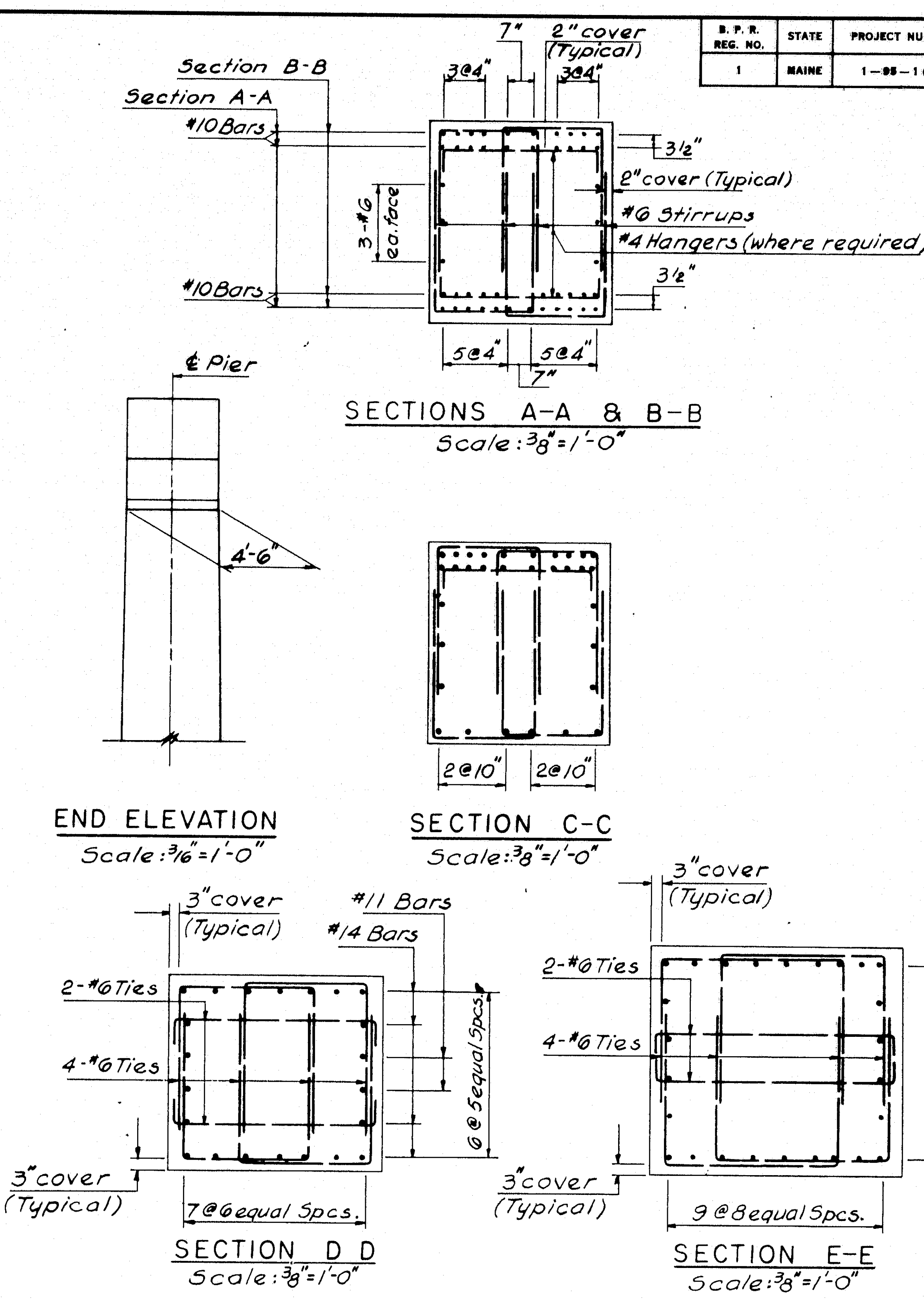
SHEET 41 OF 75

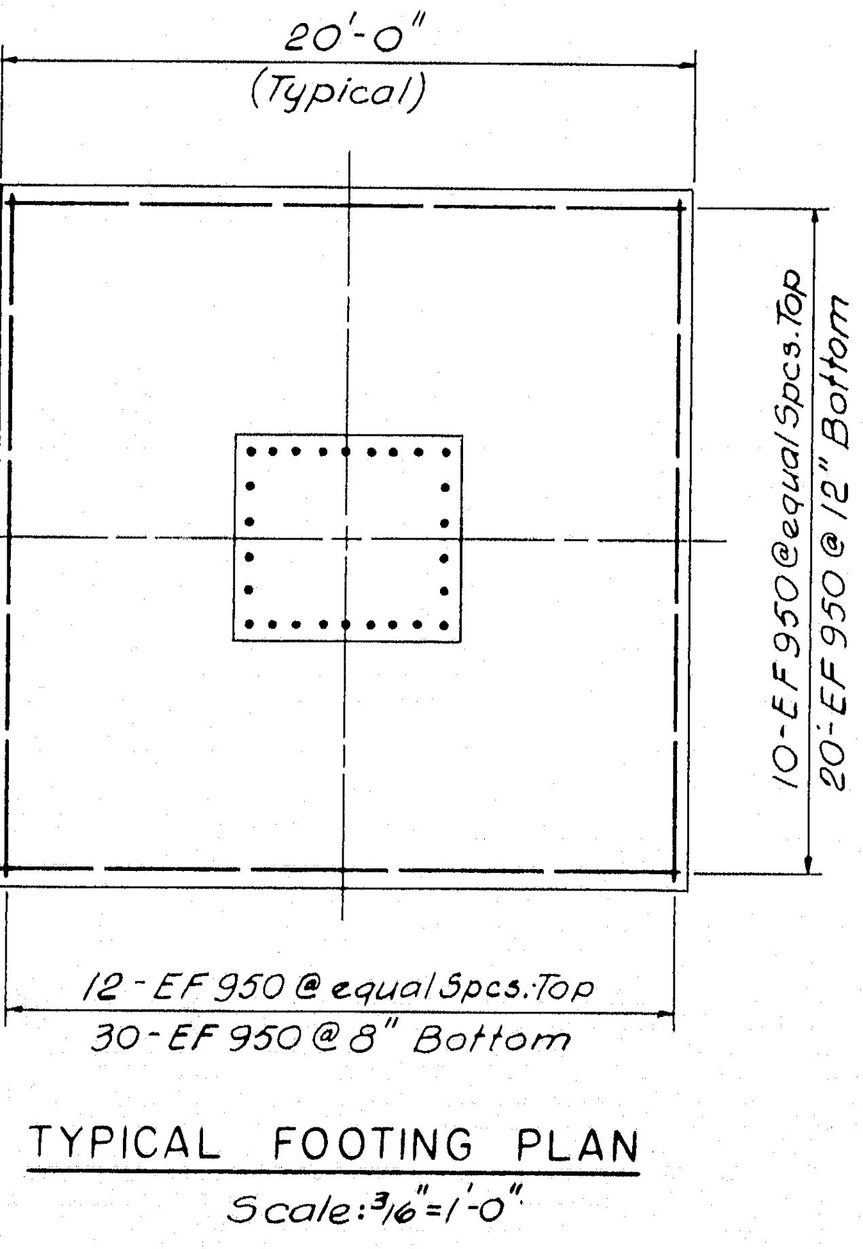
HARDESTY & HANOVER
CONSULTING ENGINEERS
NEW YORK, N. Y.

128-180

B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	1-95-1 (22) 16	42	75







TYPICAL FOOTING PLAN
Scale: 3/16" = 1'-0"

For As Built Reinforcing Steel Details
See Bancroft & Martin
Placing Drawings & Bar Lists.

For note on As-Built Elevations
see sh. 17.

AS BUILT
R. W. Christie 2/5/73

DESIGN — T. C. Thompson
TRACE — A. D. Tchenkeli
CHECK — J. J. Hanson

BRIDGE NO.
IN CHARGE OF — R. W. Christie

NEW HAMPSHIRE
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
AND
MAINE STATE HIGHWAY COMMISSION
INTERSTATE 95 BRIDGE
OVER
PISCATAQUA RIVER
BETWEEN
PORTSMOUTH, NEW HAMPSHIRE AND KITTERY, MAINE
MAINE APPROACH

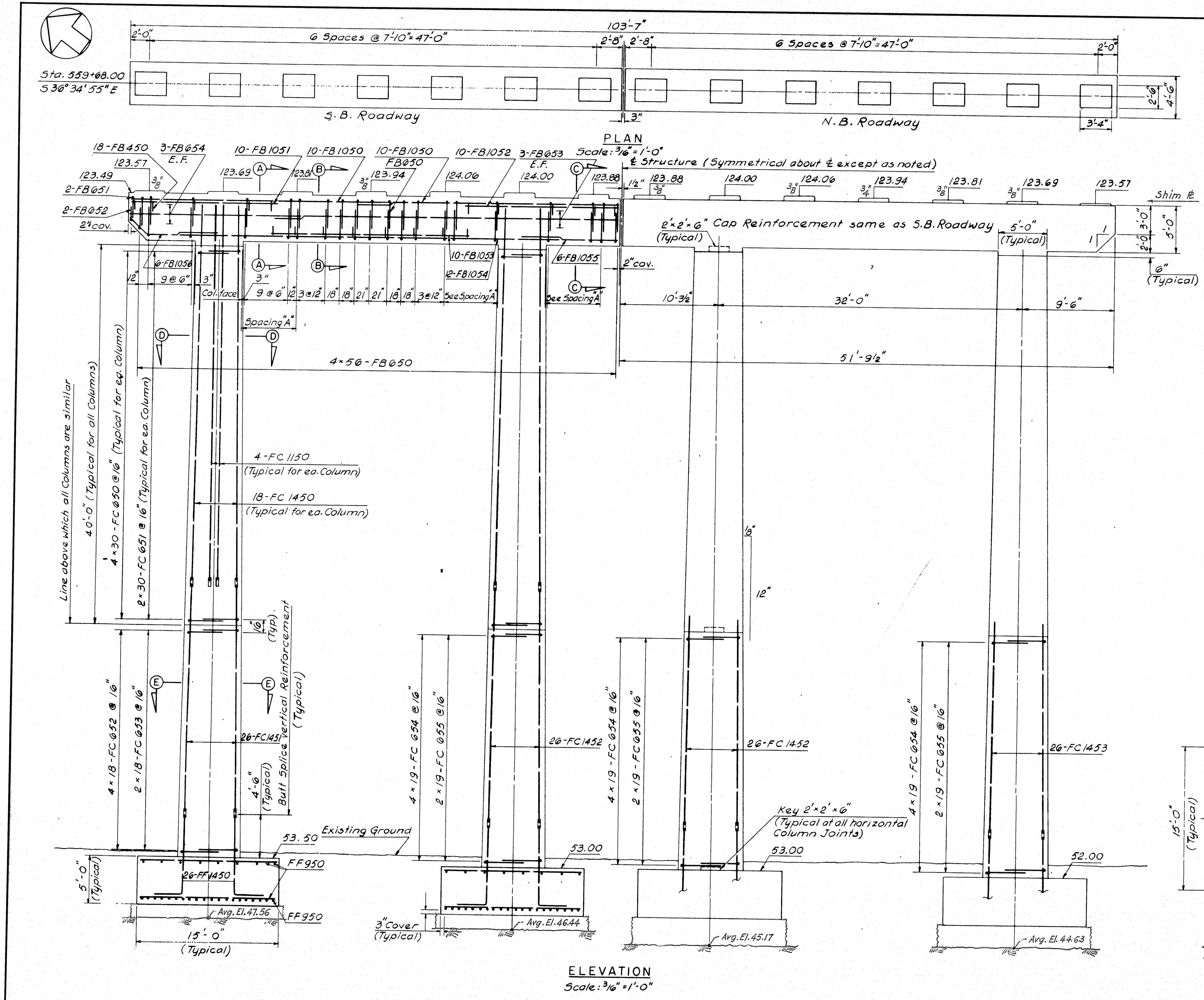
PIER 3 N

SHEET 42 OF 75

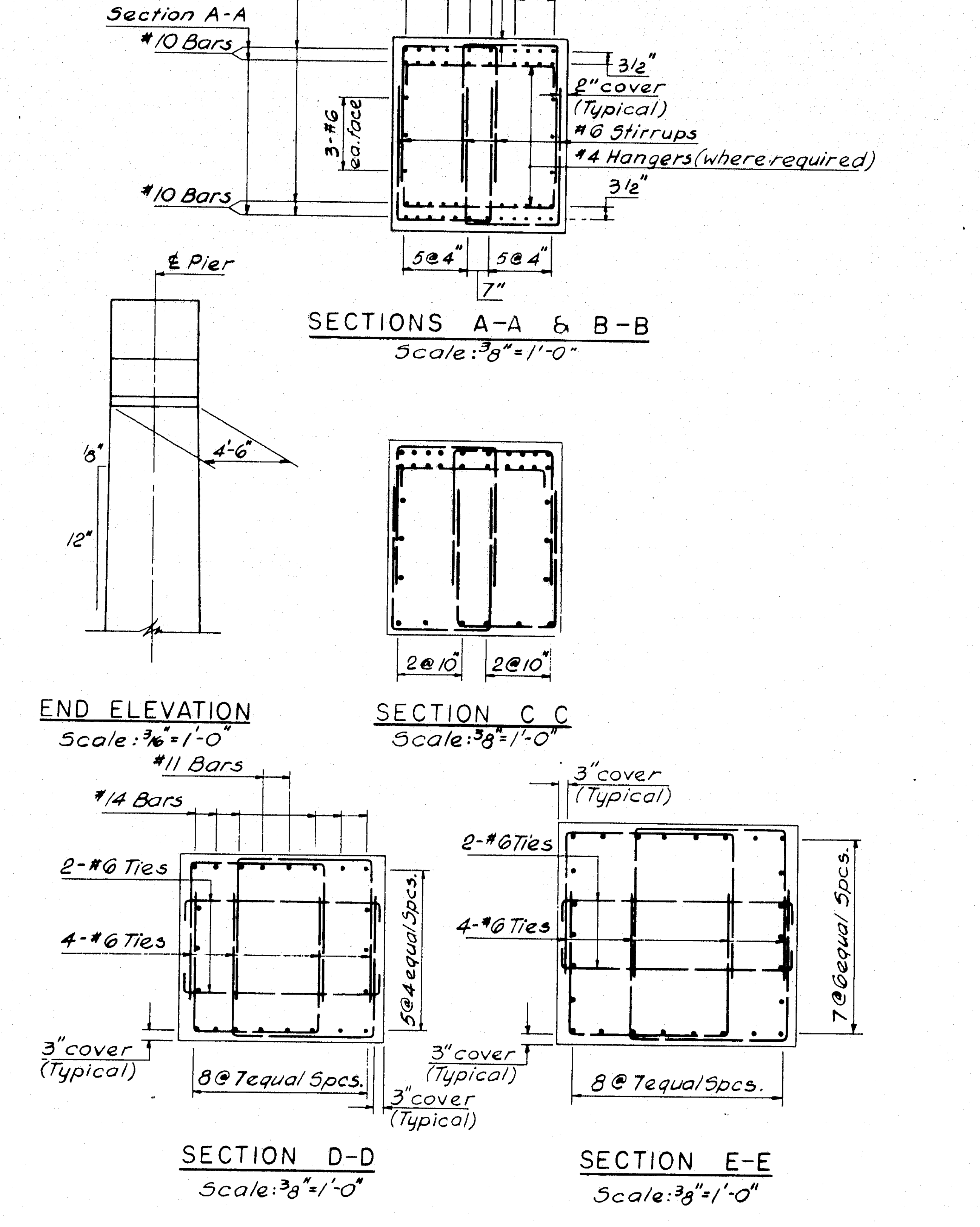
HARDESTY & HANOVER
CONSULTING ENGINEERS
NEW YORK, N. Y.

128-181

B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	I-95-1 (22)16	43	75



ELEVATION
Scale: 3/16" = 1'-0"



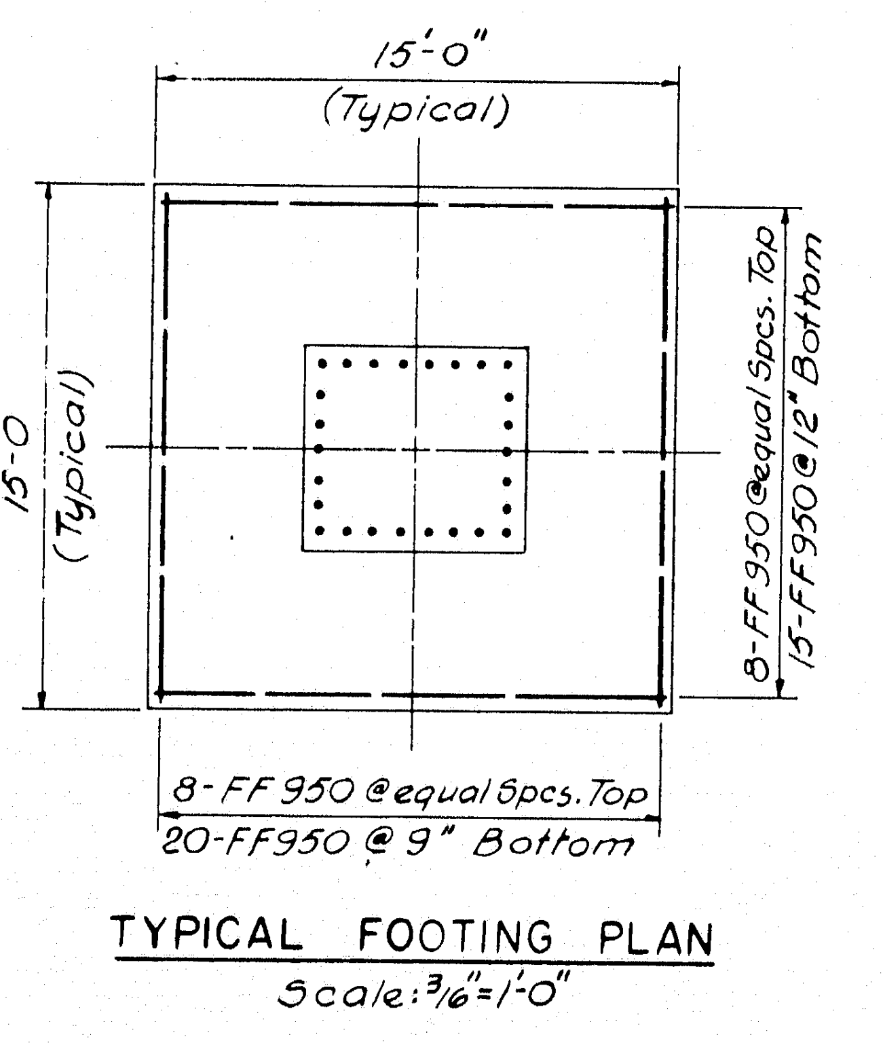
SECTIONS A-A & B-B
Scale: 3/8" = 1'-0"

END ELEVATION
Scale: 3/16" = 1'-0"

SECTION C-C
Scale: 3/8" = 1'-0"

SECTION D-D
Scale: 3/8" = 1'-0"

SECTION E-E
Scale: 3/8" = 1'-0"



TYPICAL FOOTING PLAN
Scale: 3/16" = 1'-0"

For As Built Reinforcing Steel Details
See Bancroft & Martin
Placing Drawings & Bar Lists.

For note on As-Built Elevations
see sh. 17.

AS BUILT
R.W. Christie 2/5/73

DESIGN — T.C. Thompson
TRACE — A.D. Tchenkeli
CHECK — J.J. Hanson

BRIDGE NO.
IN CHARGE OF — R.W. Christie

NEW HAMPSHIRE
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
AND
MAINE STATE HIGHWAY COMMISSION
INTERSTATE 95 BRIDGE
OVER
PISCATAQUA RIVER
BETWEEN
PORTSMOUTH, NEW HAMPSHIRE AND KITTERY, MAINE
MAINE APPROACH

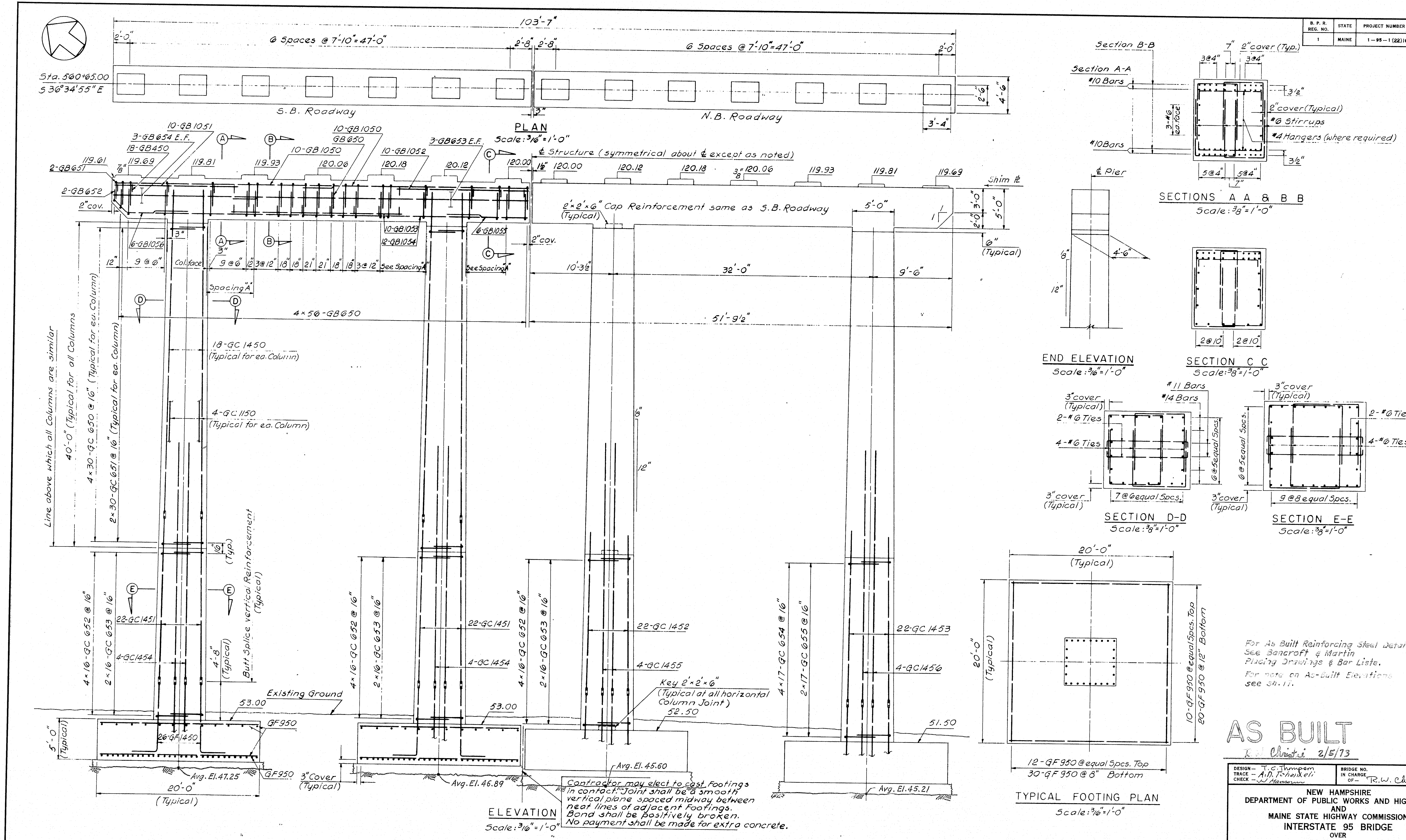
PIER 4N

HARDESTY & HANOVER
CONSULTING ENGINEERS
NEW YORK, N. Y.

SHEET 43 OF 75

128-182

B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	1—95—1 (22)16	44	75



Contractor may elect to cast Footings in contact. Joint shall be a smooth vertical plane spaced midway between neat lines of adjacent Footings. Bond shall be positively broken. No payment shall be made for extra concrete.

For As Built Reinforcing Steel Details
See Bancroft & Martin
Placing Drawings & Bar Lists.

For note on As-Built Elevations
see Sh. 17.

AS BUILT
R.W. Christie 2/5/73

HARDESTY & HANOVER
CONSULTING ENGINEERS
NEW YORK, N.Y.

DESIGN — T.C. Thompson
TRACE — A.D. Tchanxeli
CHECK — W. Mansour

BRIDGE NO.
IN CHARGE OF — R.W. Christie

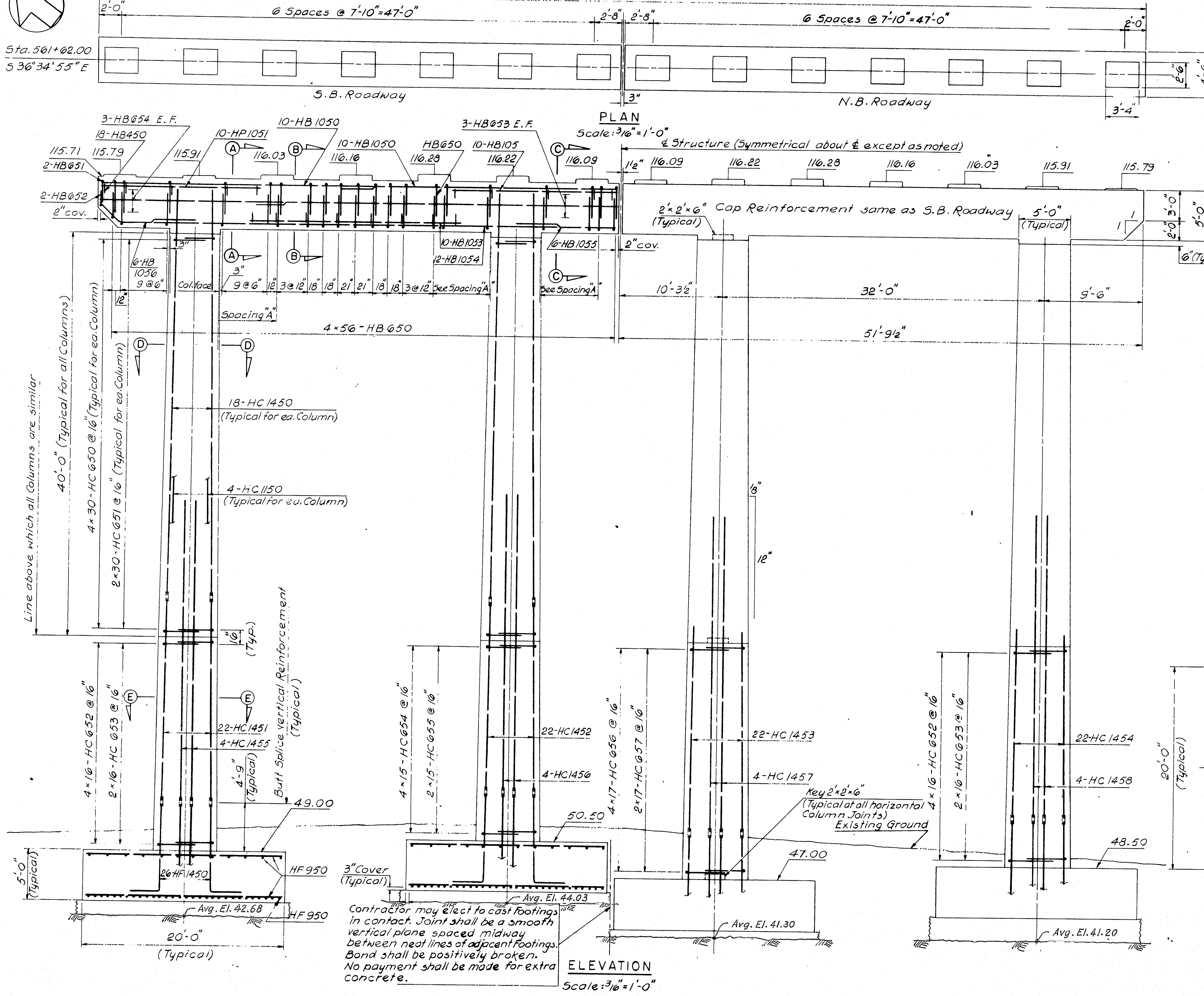
NEW HAMPSHIRE
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
AND
MAINE STATE HIGHWAY COMMISSION
INTERSTATE 95 BRIDGE
OVER
PISCATAQUA RIVER
BETWEEN
PORTSMOUTH, NEW HAMPSHIRE AND KITTERY, MAINE
MAINE APPROACH

PIER 5 N

SHEET 44 OF 75

128-183

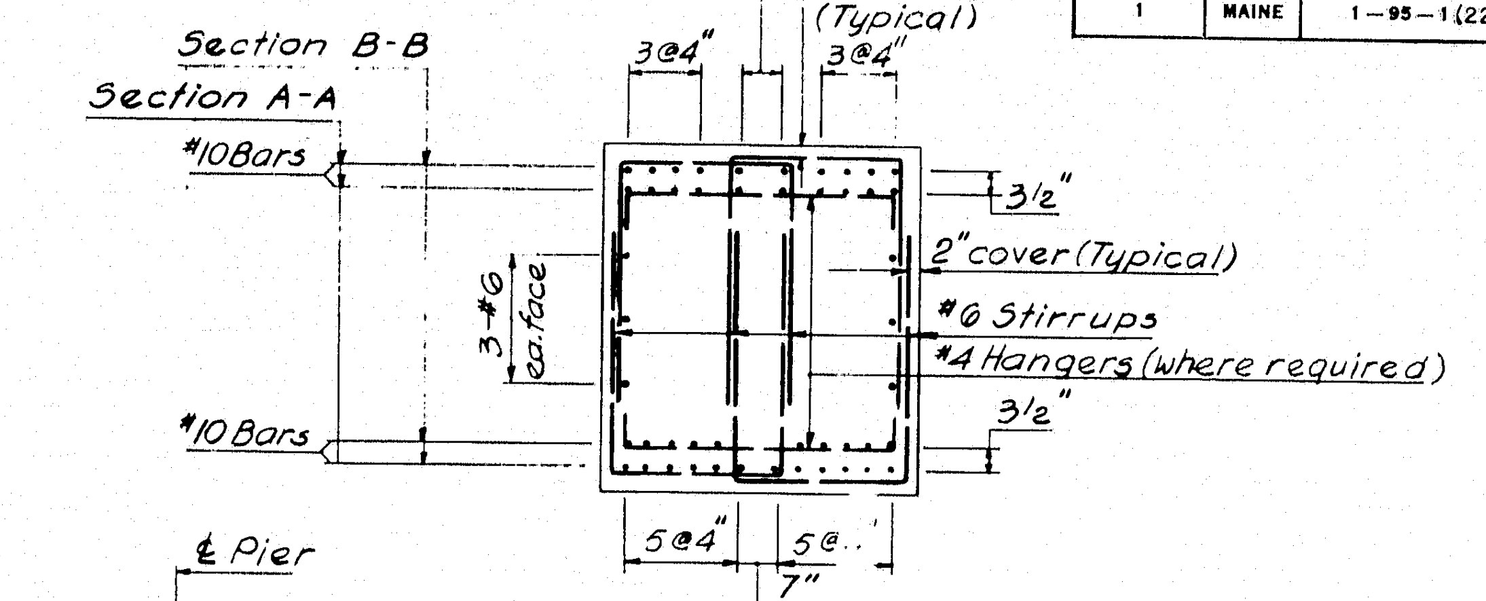
B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	1—95—1 (22) 16	45	75



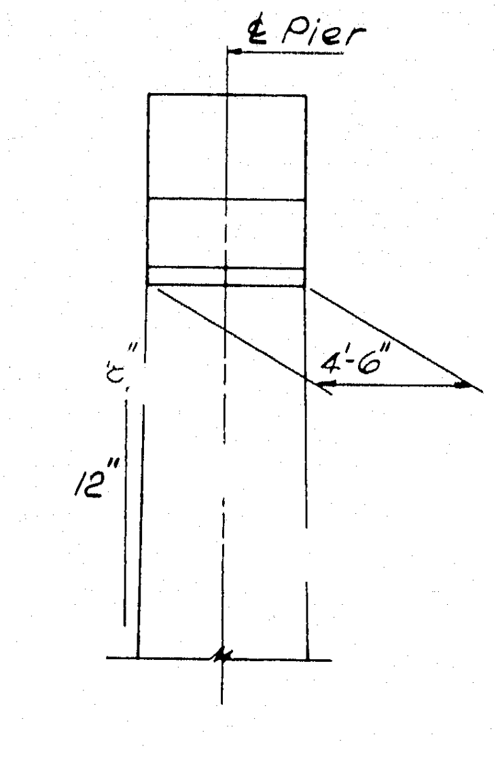
PLAN
Scale: 3/16"=1'-0"

Contractor may elect to cast footings in contact. Joint shall be a smooth vertical plane spaced midway between neat lines of adjacent footings. Bond shall be positively broken. No payment shall be made for extra concrete.

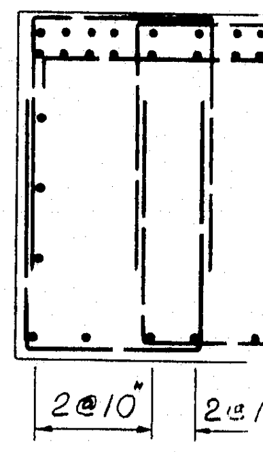
ELEVATION
Scale: 3/16"=1'-0"



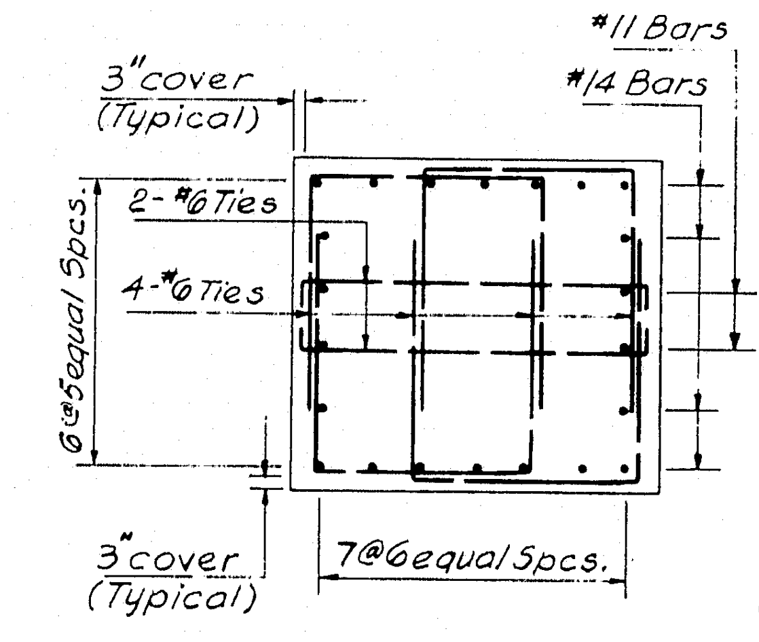
SECTIONS A-A & B-B
Scale: 3/8"=1'-0"



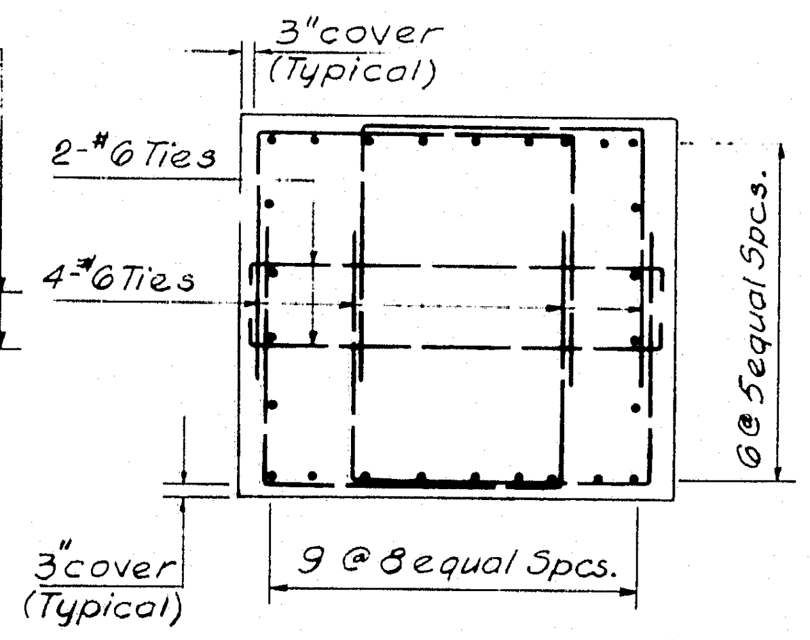
END ELEVATION
Scale: 3/16"=1'-0"



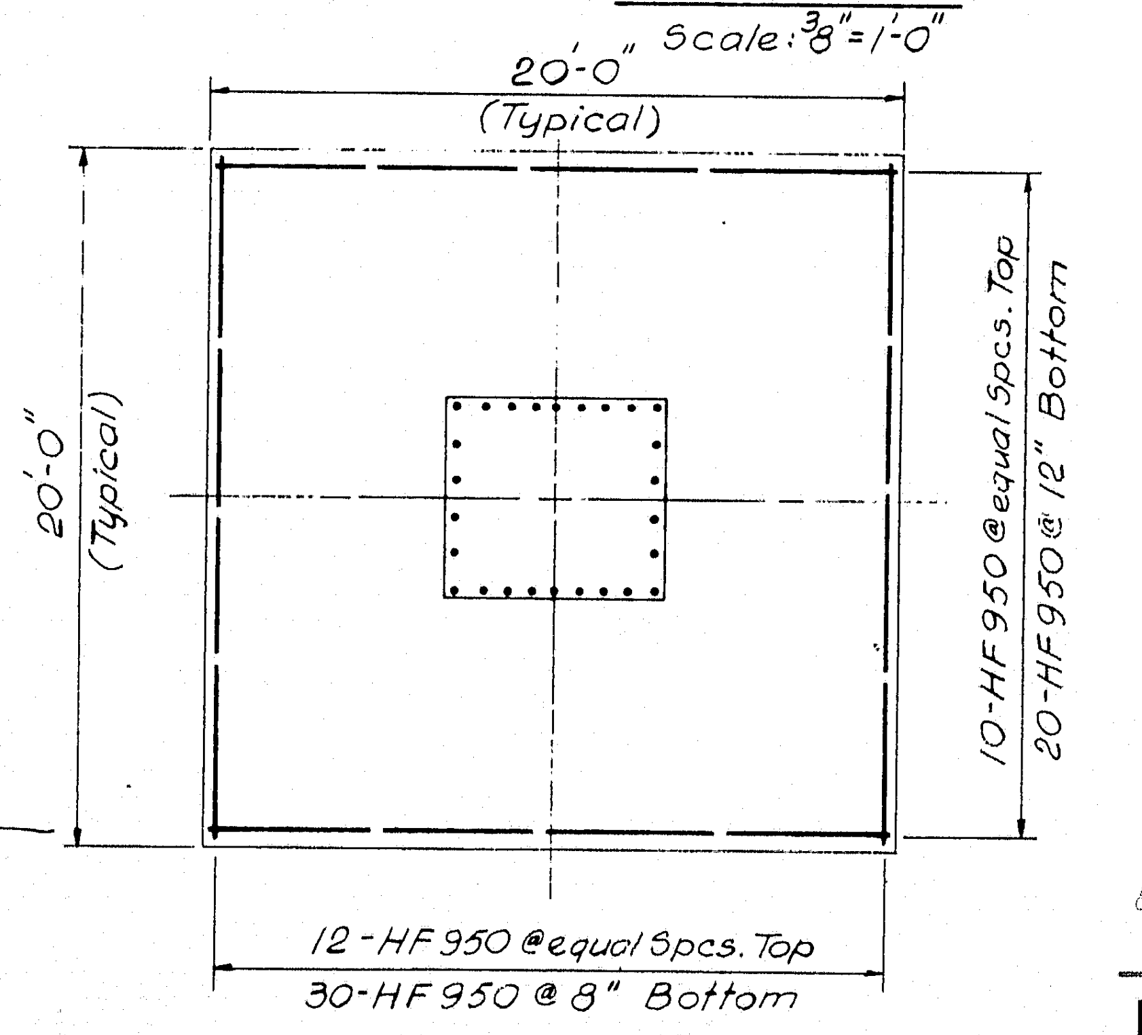
SECTION C-C
Scale: 3/8"=1'-0"



SECTION D-D
Scale: 3/8"=1'-0"



SECTION E-E
Scale: 3/8"=1'-0"



TYPICAL FOOTING PLAN
Scale: 3/16"=1'-0"

For As Built Reinforcing Steel Details
See Bancroft & Martin
Placing Drawings & Bar Lists.

For note on As-Built Elevations
see sh. 17.

AS BUILT
R. W. Christie 2/5/73

DESIGN — T. C. Thompson
TRACE — A. D. Tchenkeli
CHECK — J. J. Mc

BRIDGE NO.
IN CHARGE OF — R. W. Christie

NEW HAMPSHIRE
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
AND
MAINE STATE HIGHWAY COMMISSION
INTERSTATE 95 BRIDGE
OVER
PISCATAQUA RIVER
BETWEEN
PORTSMOUTH, NEW HAMPSHIRE AND KITTERY, MAINE
MAINE APPROACH

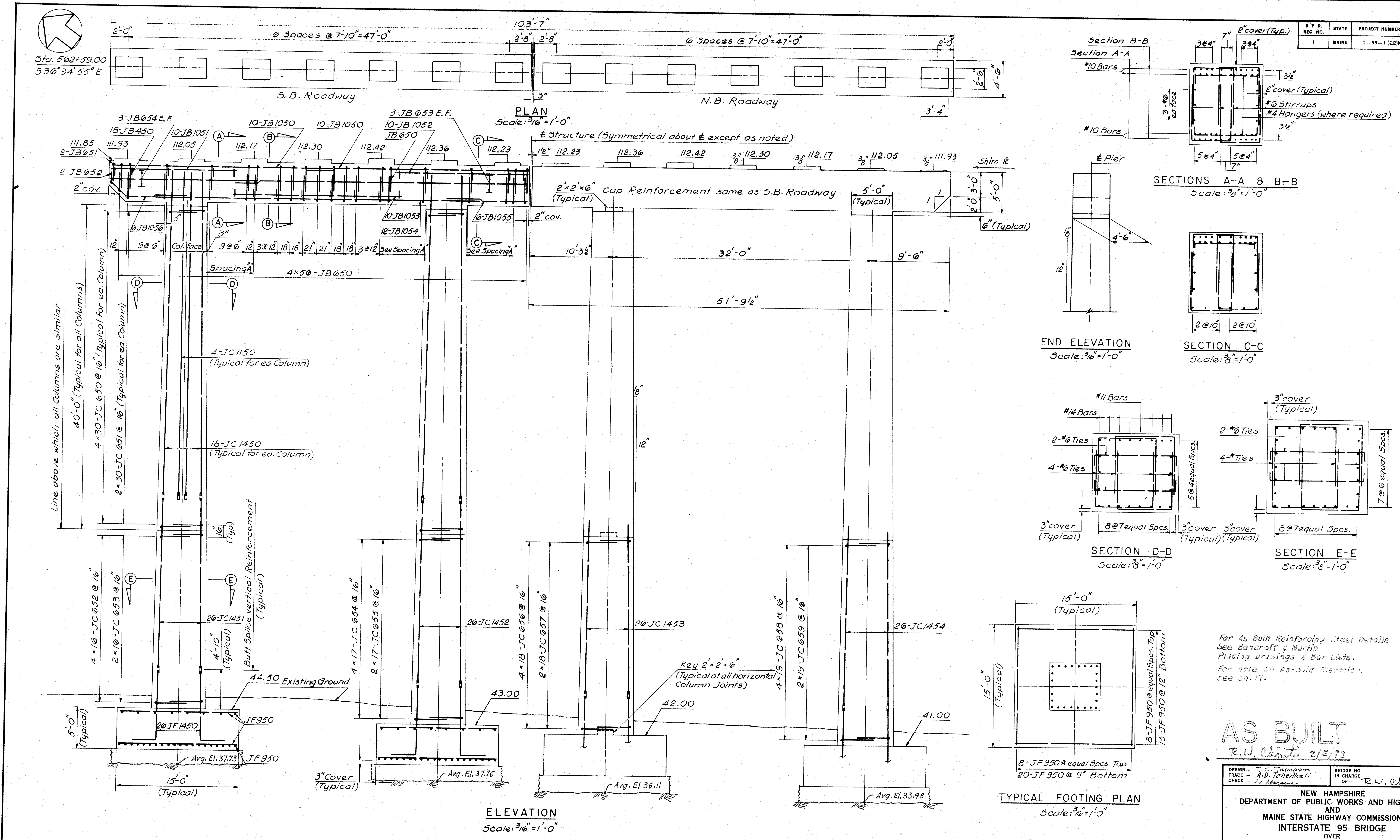
PIER 6 N

HARDESTY & HANOVER
CONSULTING ENGINEERS
NEW YORK, N. Y.

SHEET 45 OF 75

128-184

B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	1—95—1 (22)16	46	75



For As Built Reinforcing Steel Details
See Bancroft & Martin
Placing Drawings & Bar Lists.

For note on As-Built Elevations
see Sh. 17.

AS BUILT
R.W. Christie 2/5/73

DESIGN — T.C. Thompson
TRACE — A.D. Tchenkeli
CHECK — J.J. Marsoun

BRIDGE NO.
IN CHARGE OF — R.W. Christie

HARDESTY & HANOVER
CONSULTING ENGINEERS
NEW YORK, N.Y.

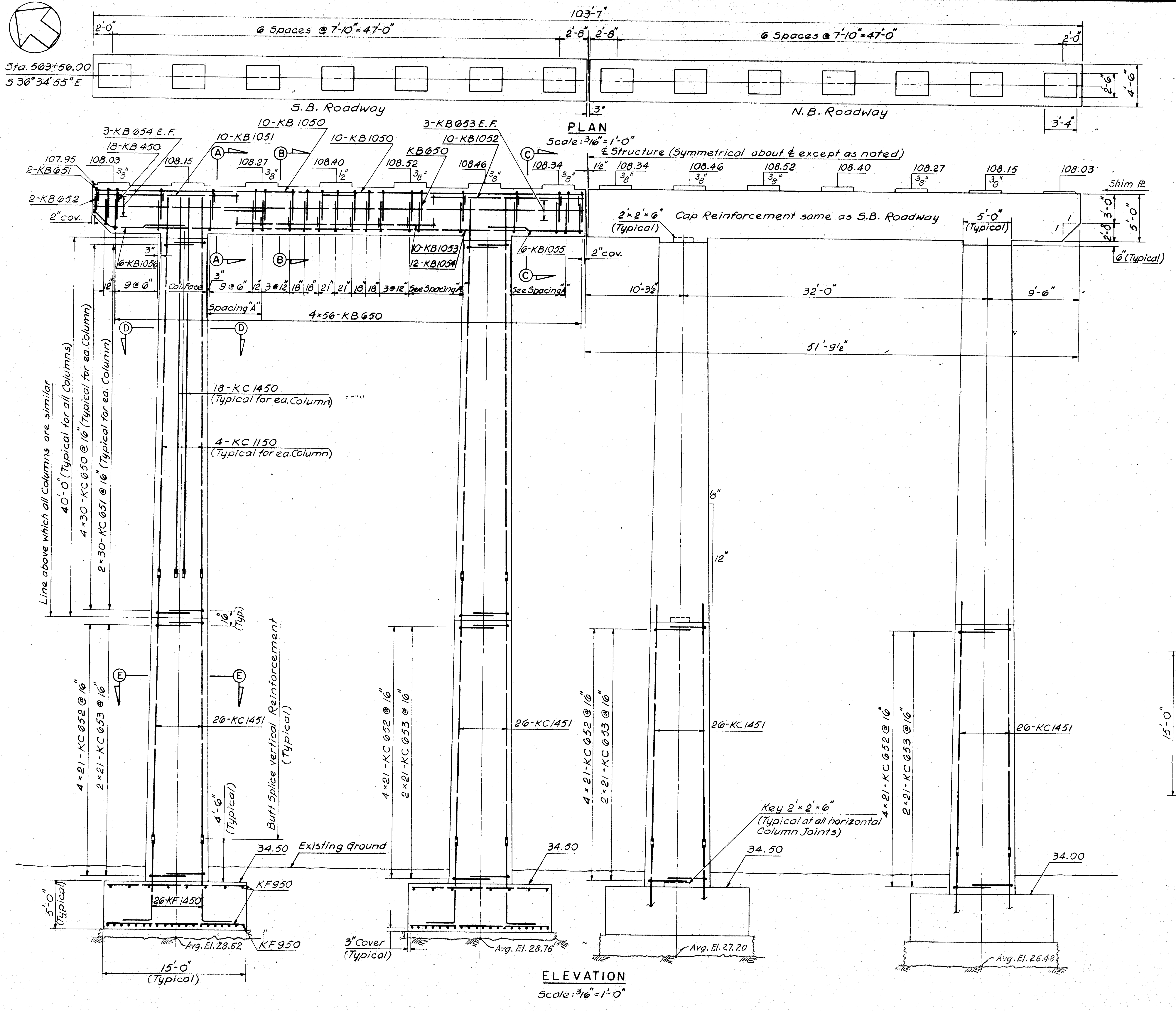
NEW HAMPSHIRE
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
AND
MAINE STATE HIGHWAY COMMISSION
INTERSTATE 95 BRIDGE
OVER
PISCATAQUA RIVER
BETWEEN
PORTSMOUTH, NEW HAMPSHIRE AND KITTERY, MAINE
MAINE APPROACH

PIER 7 N

SHEET 46 OF 75

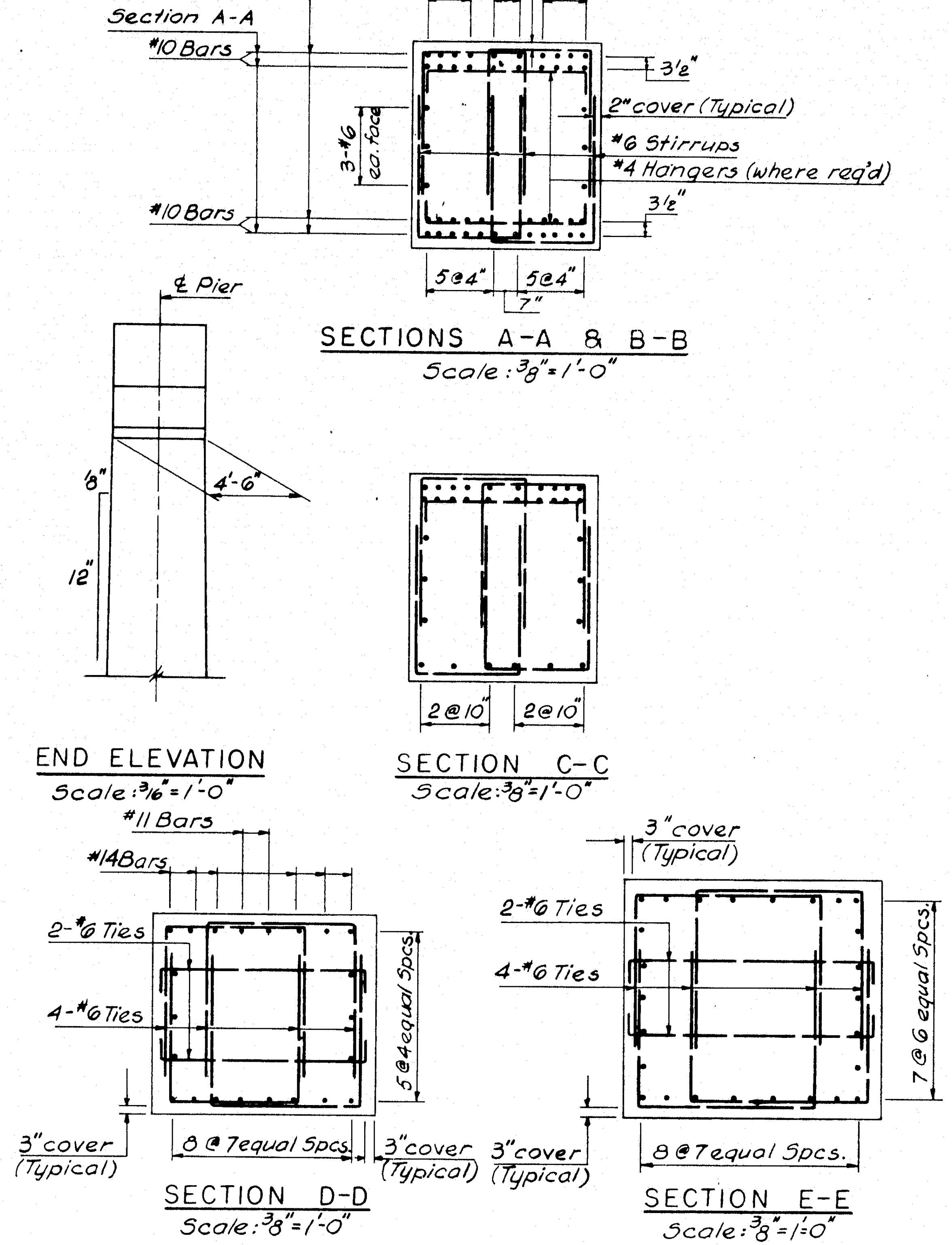
128-185

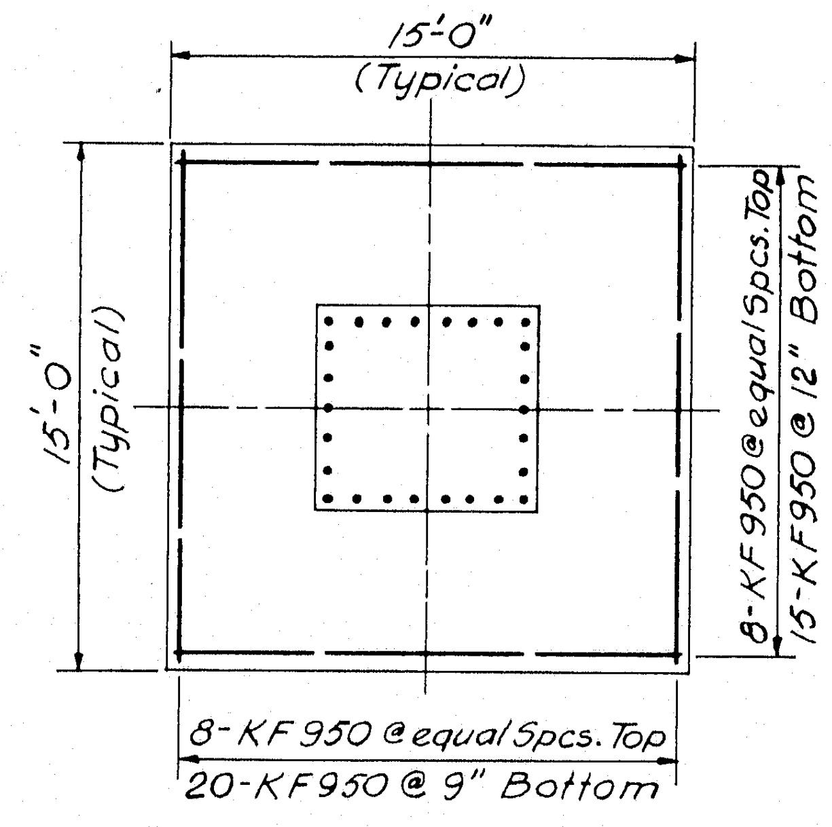
B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	1—95—1 (22)16	47	75



ELEVATION

Scale: 3/16" = 1'-0"





TYPICAL FOOTING PLAN

Scale: 3/16" = 1'-0"

For As Built Reinforcing Steel Details
See Bancroft & Martin
Placing Drawings & Bar Lists.

For note on As-Built Elevations
see sh. 17.

AS BUILT
R. W. Christie 2/5/73

DESIGN – T. C. Thompson
TRACE – A. D. Tchenkeli
CHECK – J. J. Manson

BRIDGE NO.
IN CHARGE OF – R. W. Christie

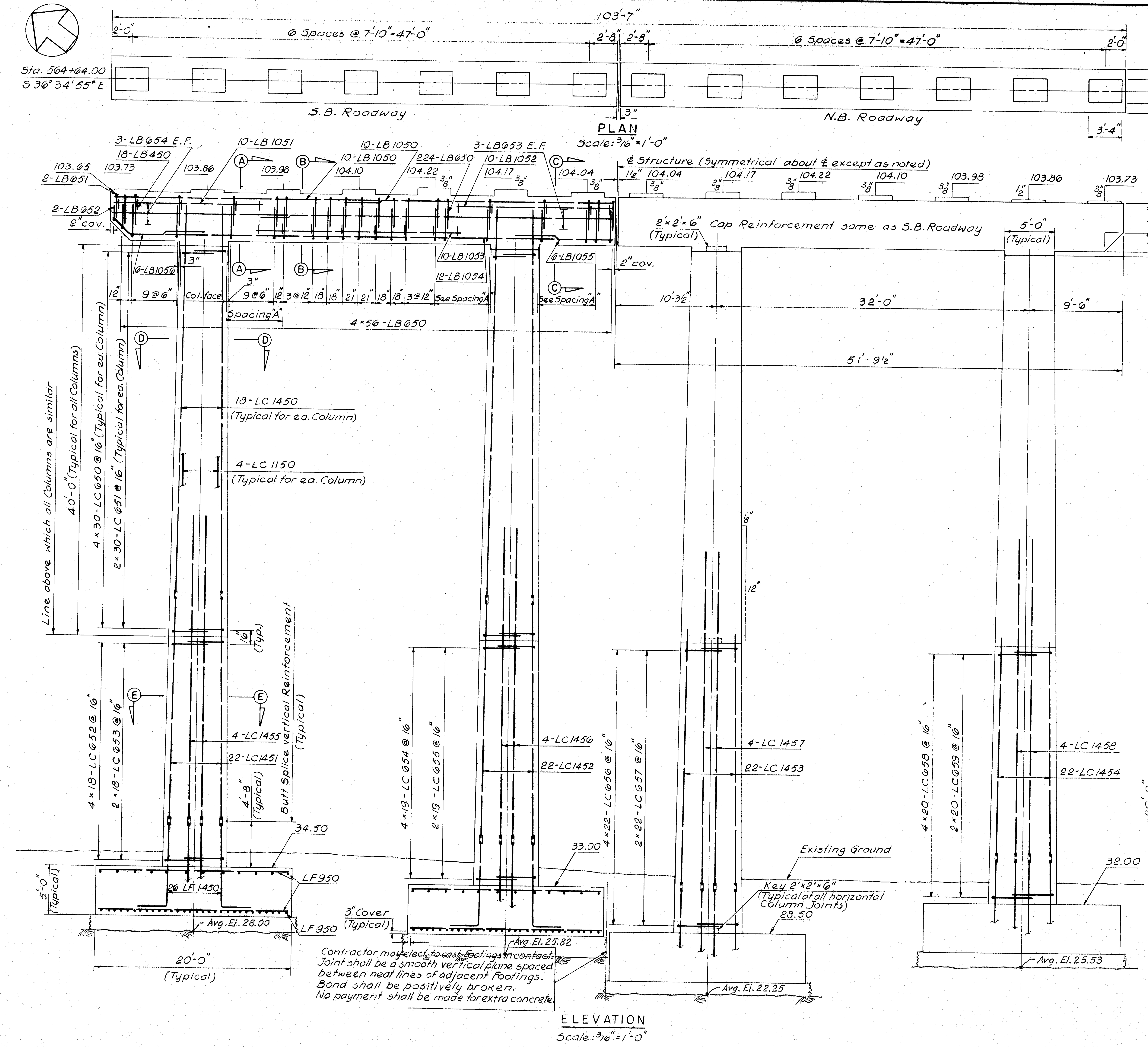
NEW HAMPSHIRE
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
AND
MAINE STATE HIGHWAY COMMISSION
INTERSTATE 95 BRIDGE
OVER
PISCATAQUA RIVER
BETWEEN
PORTSMOUTH, NEW HAMPSHIRE AND KITTERY, MAINE
MAINE APPROACH
PIER 8 N

HARDESTY & HANOVER
CONSULTING ENGINEERS
NEW YORK, N. Y.

SHEET 47 OF 75

128-186

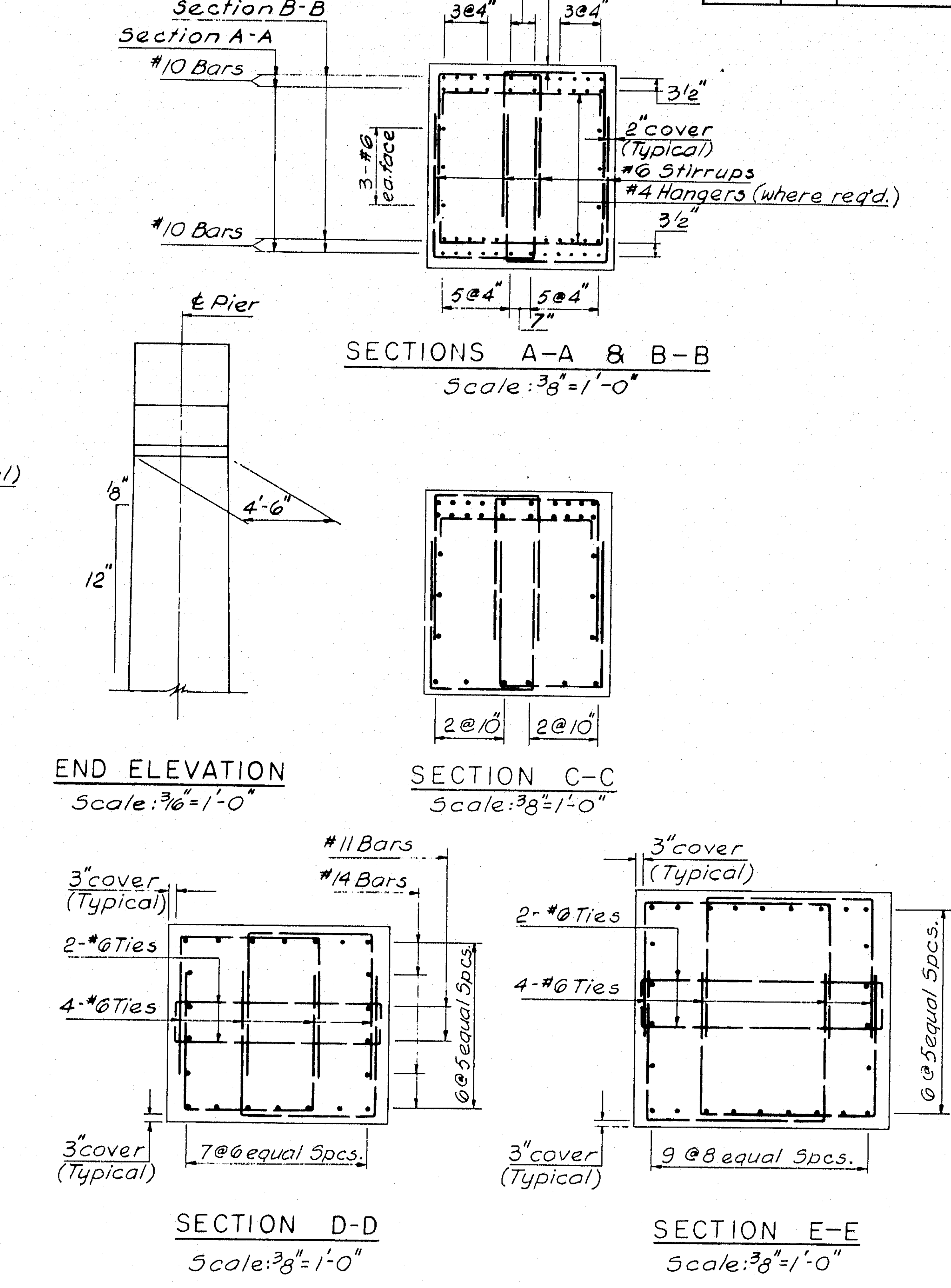
B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	1–95–1 (22) 16	48	75



Contractor may elect to cast footings in contact. Joint shall be a smooth vertical plane spaced between neat lines of adjacent Footings. Bond shall be positively broken. No payment shall be made for extra concrete.

ELEVATION

Scale: 3/16" = 1'-0"



SECTIONS A-A & B-B

Scale: 3/8" = 1'-0"

END ELEVATION

Scale: 3/16" = 1'-0"

SECTION C-C

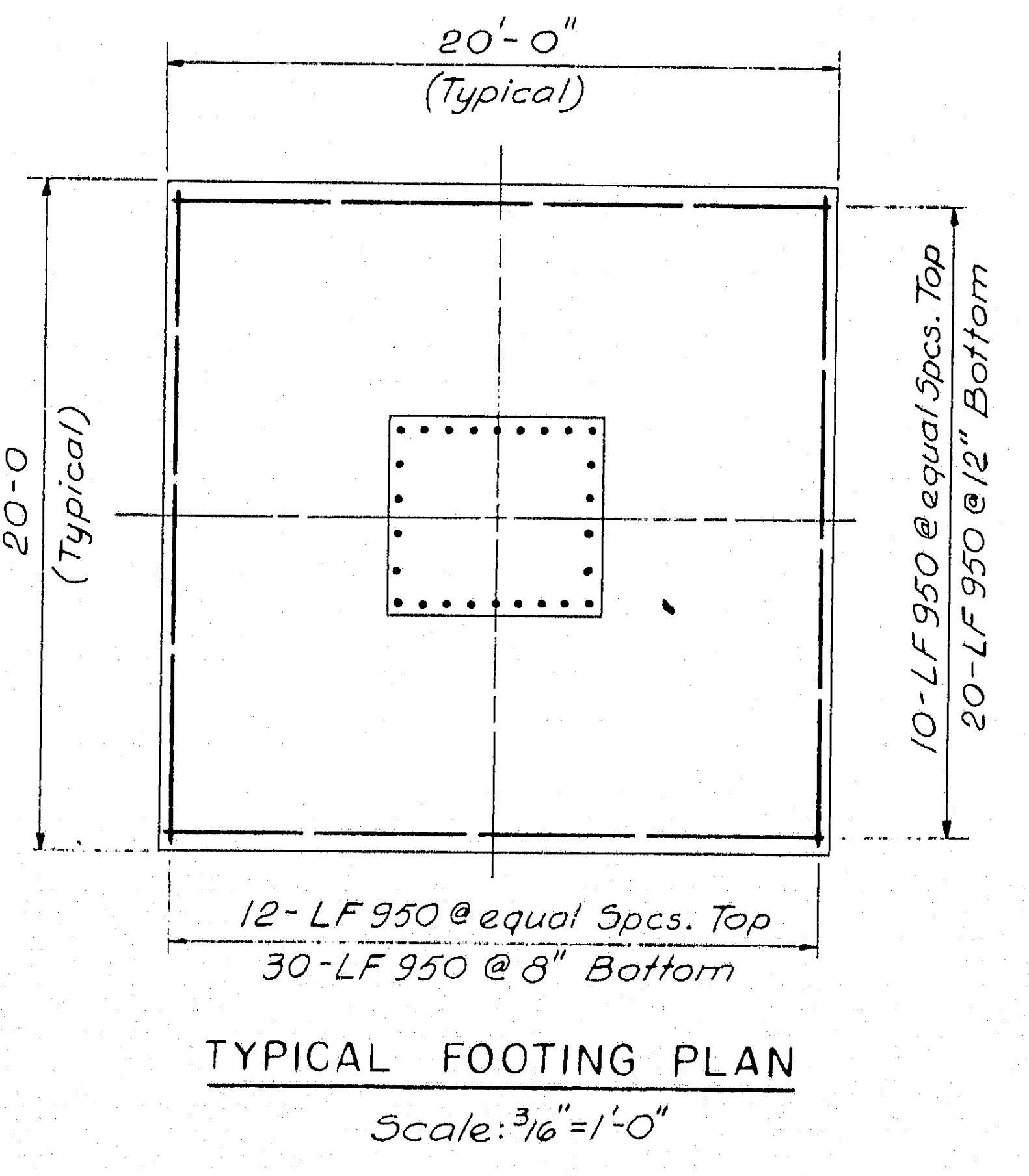
Scale: 3/8" = 1'-0"

SECTION D-D

Scale: 3/8" = 1'-0"

SECTION E-E

Scale: 3/8" = 1'-0"



TYPICAL FOOTING PLAN

Scale: 3/16" = 1'-0"

For As Built Reinforcing Steel Details See Bancroft & Martin Placing Drawings & Bar Lists.

For note on As-Built Elevations see sh. 17.

AS BUILT
R. W. Christie 2/5/73

DESIGN – T. C. Thompson
TRACE – A. D. Tchenkeli
CHECK – J. J. Mansour

BRIDGE NO.
IN CHARGE OF – R. W. Christie

NEW HAMPSHIRE
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
AND
MAINE STATE HIGHWAY COMMISSION
INTERSTATE 95 BRIDGE
OVER
PISCATAQUA RIVER
BETWEEN
PORTSMOUTH, NEW HAMPSHIRE AND KITTERY, MAINE
MAINE APPROACH

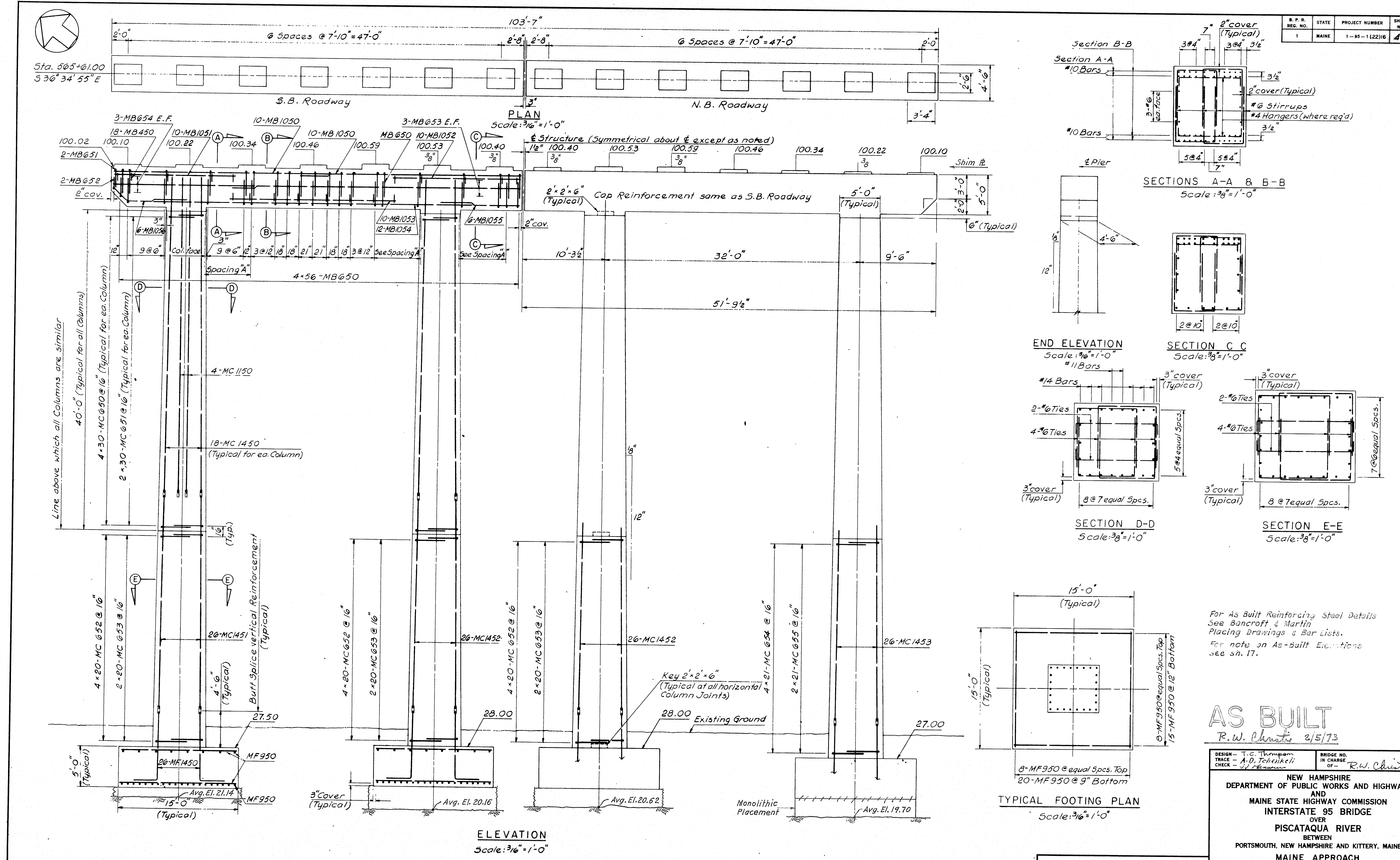
PIER 9N

HARDESTY & HANOVER
CONSULTING ENGINEERS
NEW YORK, N. Y.

SHEET 48 OF 75

128-187

B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	1-95-1(22)16	49	75



For As Built Reinforcing Steel Details
See Bancroft & Martin
Placing Drawings & Bar Lists.
For note on As-Built Elevations
see sh. 17.

AS BUILT
R.W. Christie 2/5/73

DESIGN — T.C. Thompson
TRACE — A.D. Tchenkeli
CHECK —
BRIDGE NO.
IN CHARGE OF — R.W. Christie

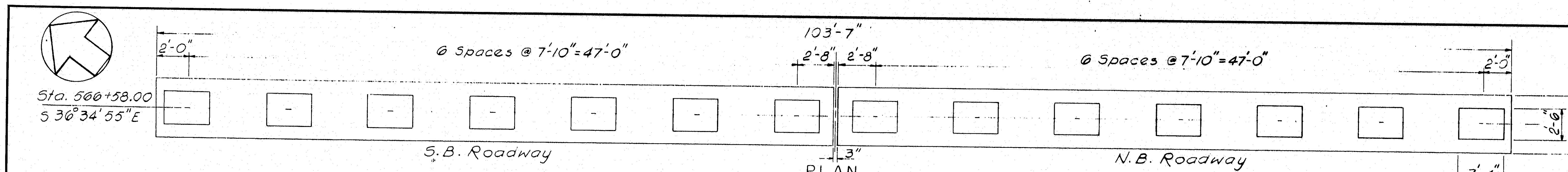
NEW HAMPSHIRE
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
AND
MAINE STATE HIGHWAY COMMISSION
INTERSTATE 95 BRIDGE
OVER
PISCATAQUA RIVER
BETWEEN
PORTSMOUTH, NEW HAMPSHIRE AND KITTERY, MAINE
MAINE APPROACH
PIER 10N

HARDESTY & HANOVER
CONSULTING ENGINEERS
NEW YORK, N. Y.

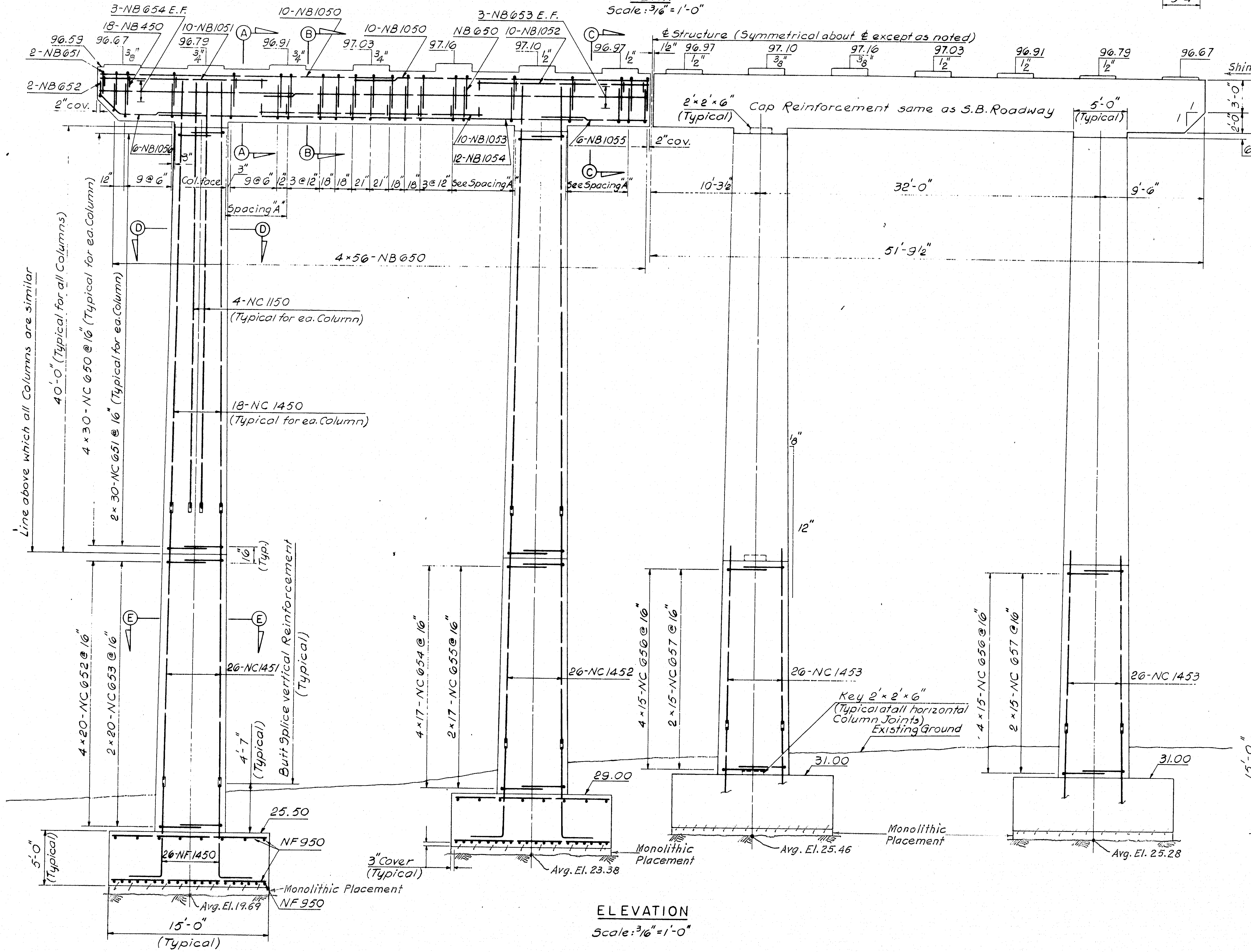
SHEET 49 OF 75

128-188

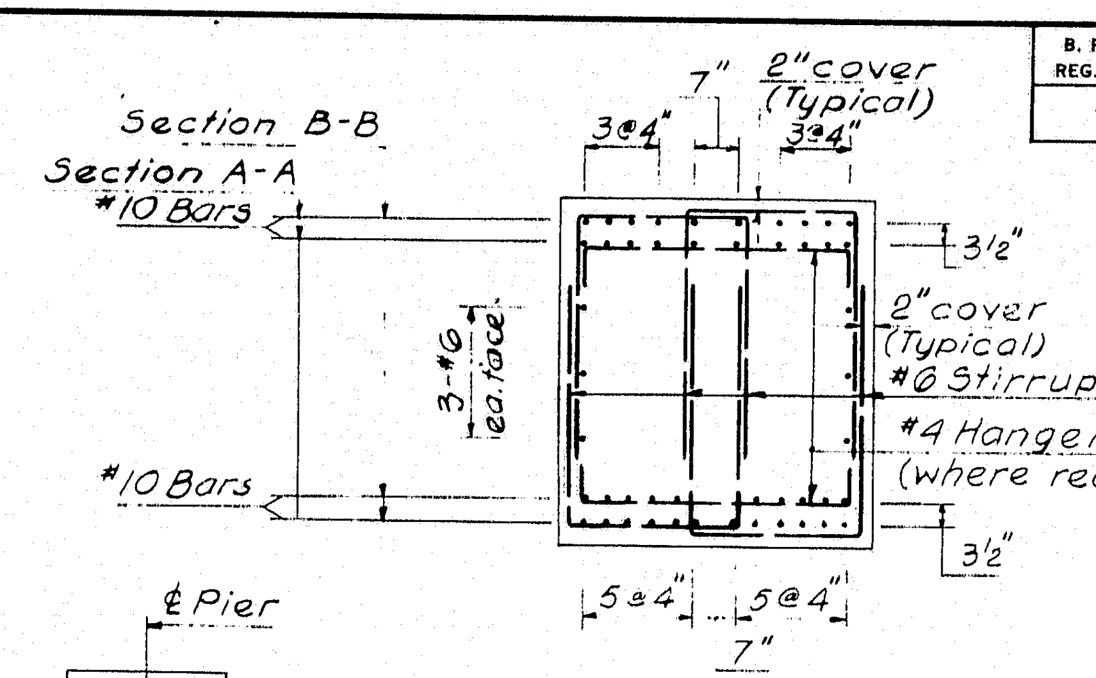
B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	1—95—1 (22)16	50	75



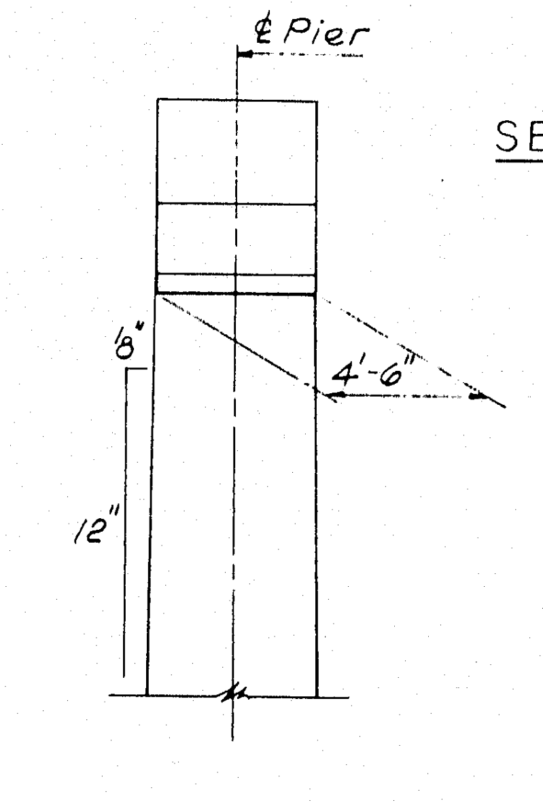
PLAN
Scale: 3/16" = 1'-0"



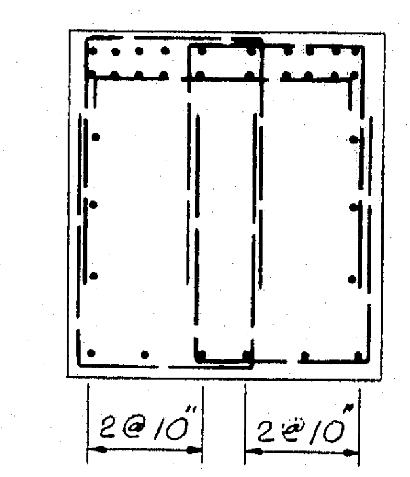
ELEVATION
Scale: 3/16" = 1'-0"



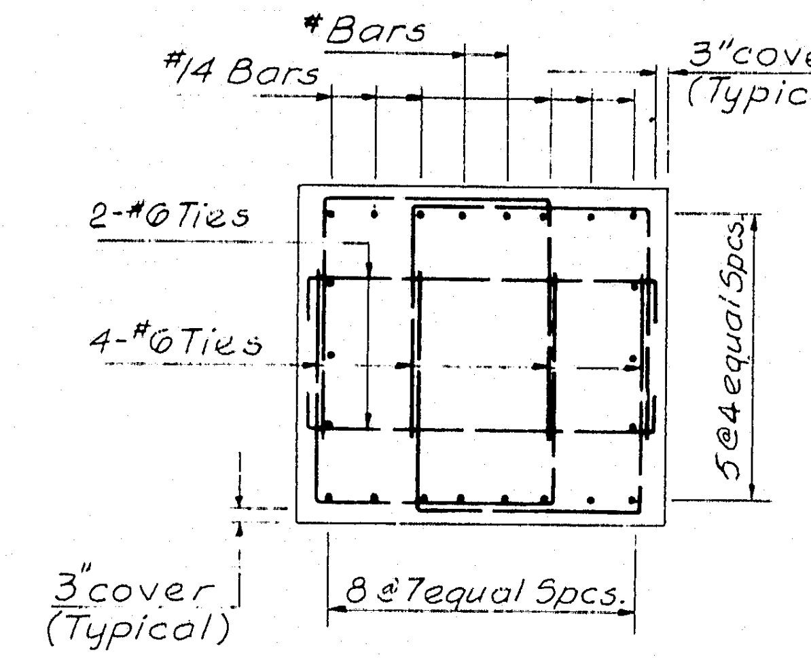
SECTIONS A-A & B-B
Scale: 3/8" = 1'-0"



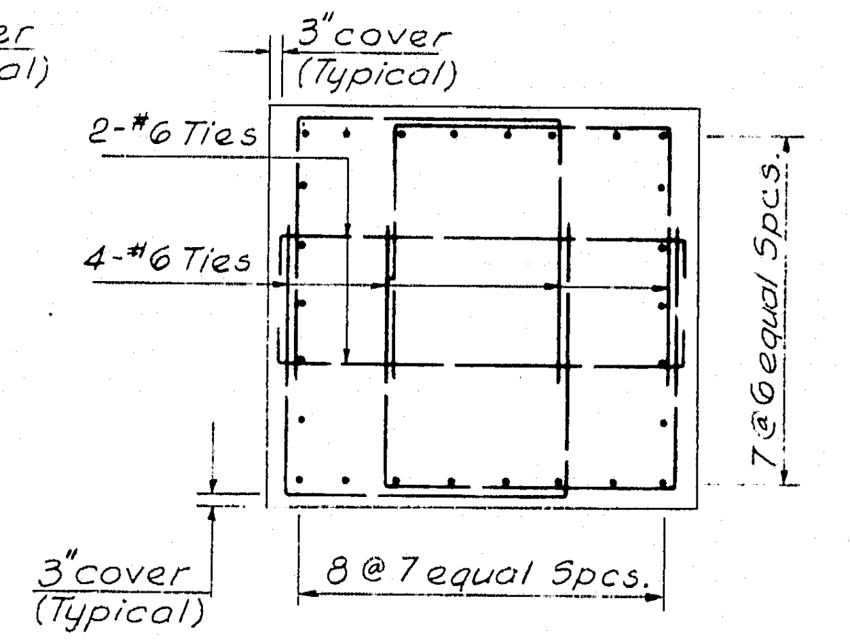
END ELEVATION
Scale: 3/16" = 1'-0"



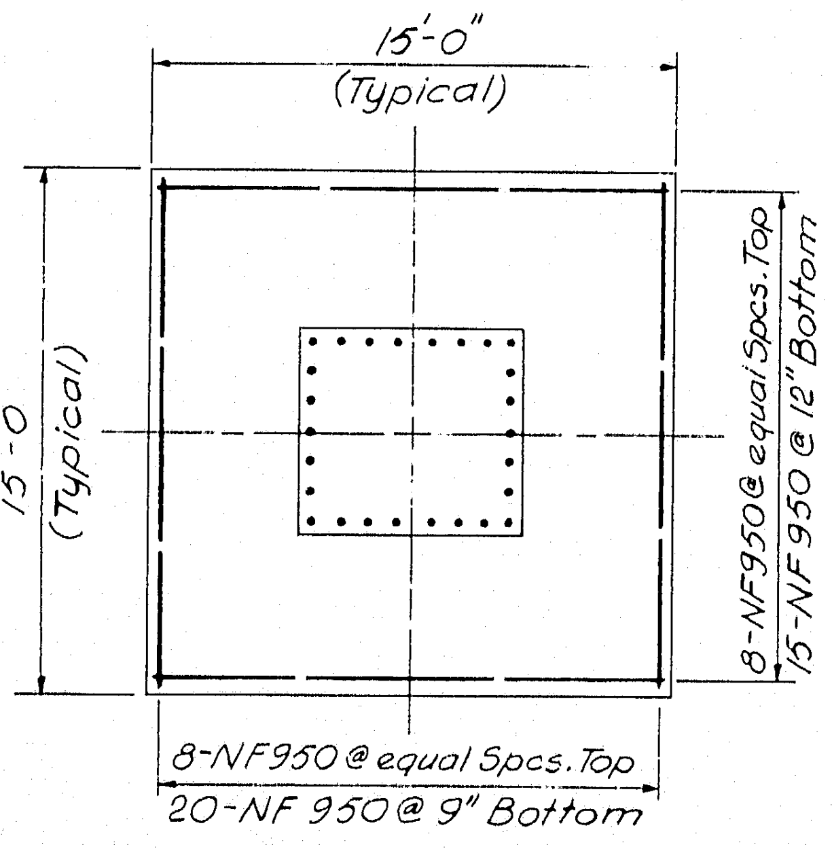
SECTION C-C
Scale: 3/8" = 1'-0"



SECTION D-D
Scale: 3/8" = 1'-0"



SECTION E-E
Scale: 3/8" = 1'-0"



TYPICAL FOOTING PLAN
Scale: 3/16" = 1'-0"

For As Built Reinforcement Steel Details see Bancroft & Martin Placing Drawings & Bar Lists.

For note on As-Built Elevations see Sh. 17.

AS BUILT
R. W. Christi 2/5/73

DESIGN — T. C. Thompson
TRACE — A. D. Tchenkeli
CHECK — J. J. Mansour

BRIDGE NO.
IN CHARGE OF — R. W. Christi

NEW HAMPSHIRE
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
AND
MAINE STATE HIGHWAY COMMISSION
INTERSTATE 95 BRIDGE
OVER
PISCATAQUA RIVER
BETWEEN
PORTSMOUTH, NEW HAMPSHIRE AND KITTERY, MAINE
MAINE APPROACH

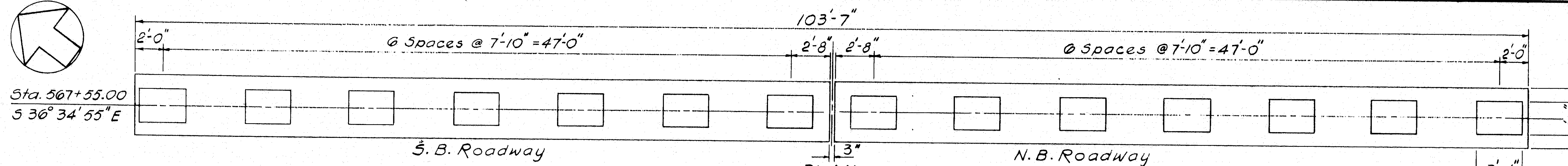
PIER 11 N

SHEET 50 OF 75

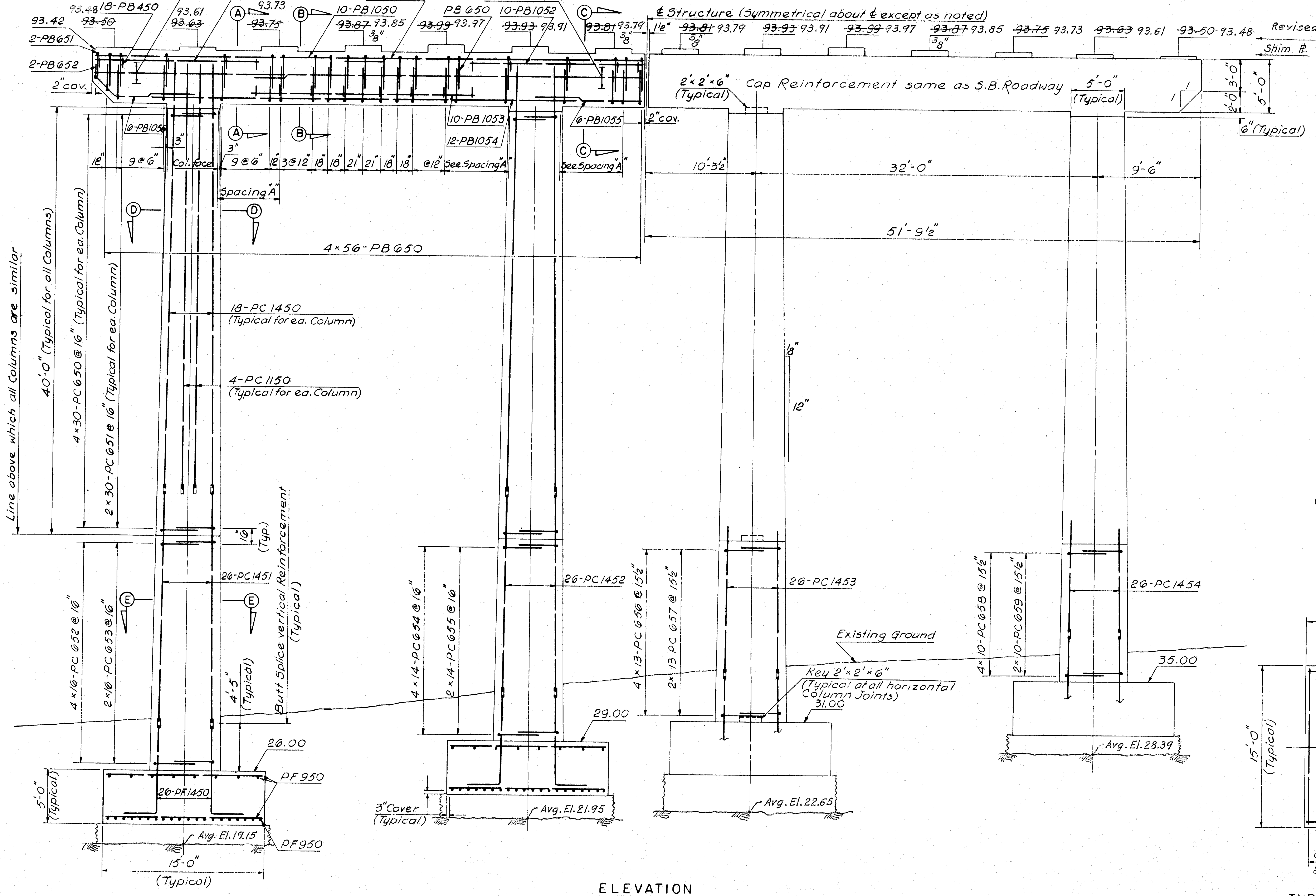
HARDESTY & HANOVER
CONSULTING ENGINEERS
NEW YORK, N. Y.

128-189

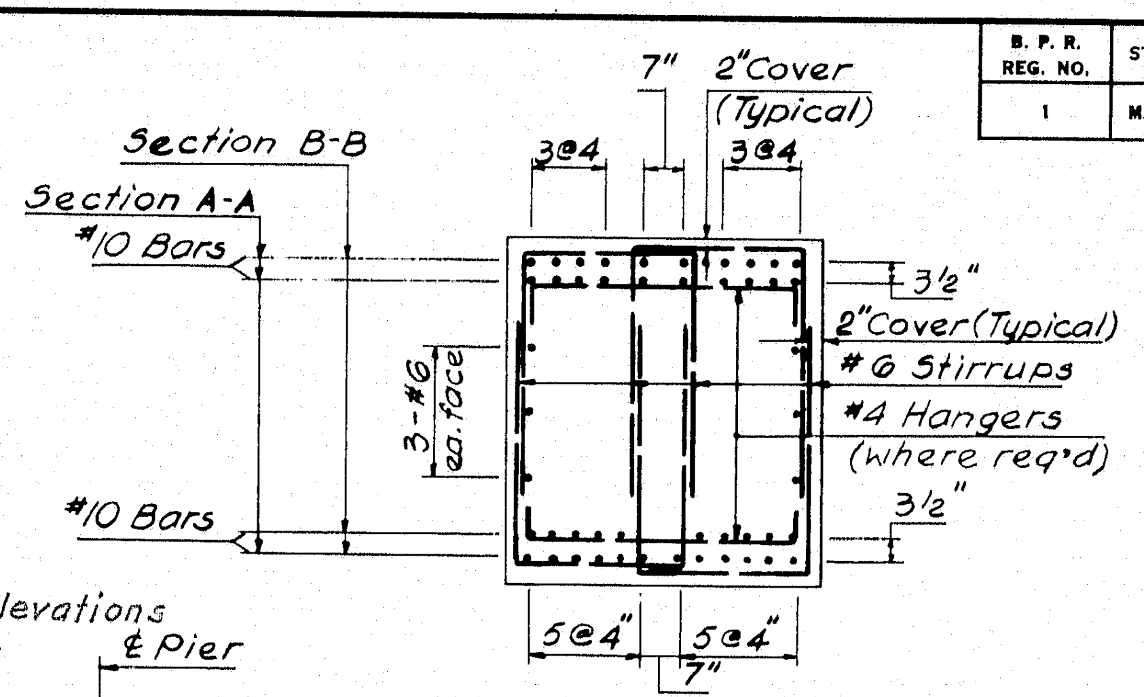
B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	1—95—1(22)16	51	75



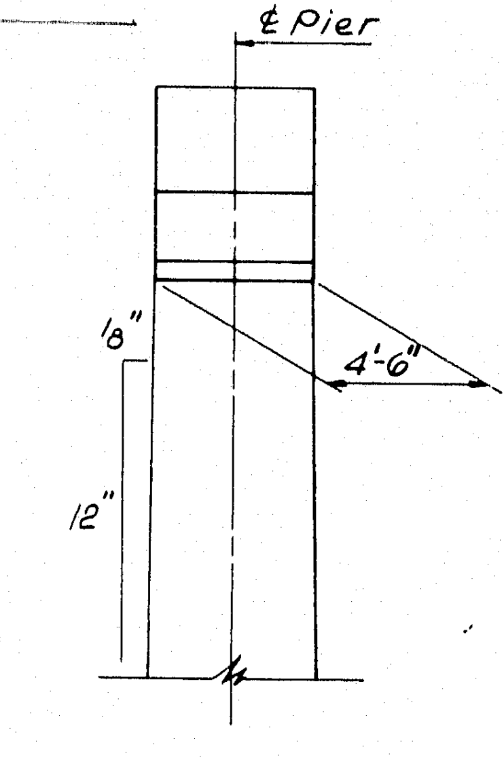
PLAN
Scale: 3/16" = 1'-0"



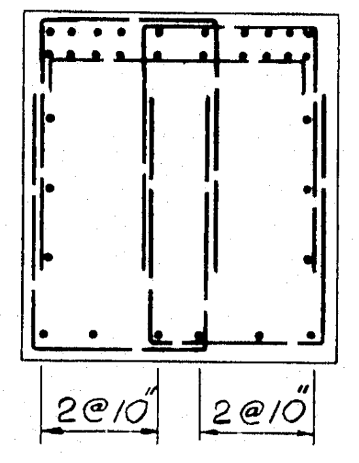
ELEVATION
Scale: 3/16" = 1'-0"



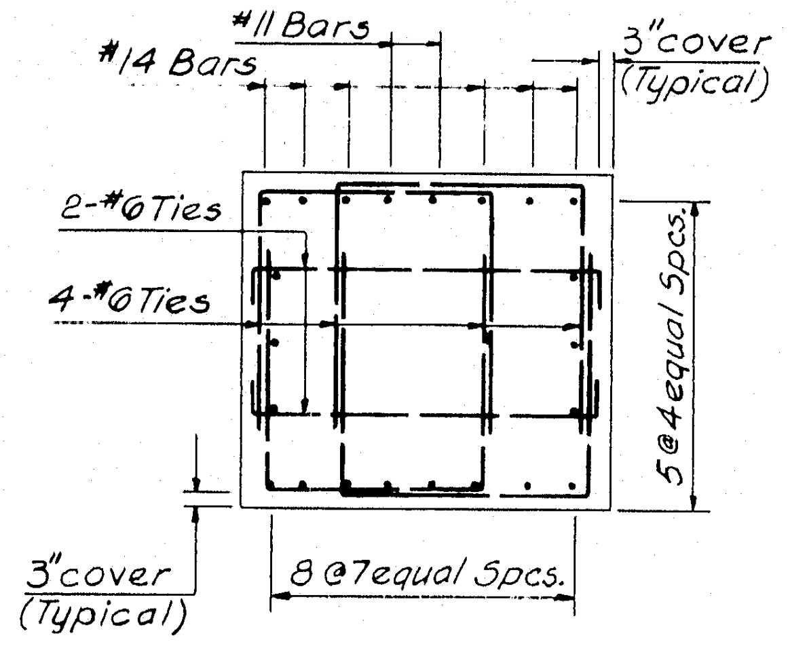
SECTIONS A-A & B-B
Scale: 3/8" = 1'-0"



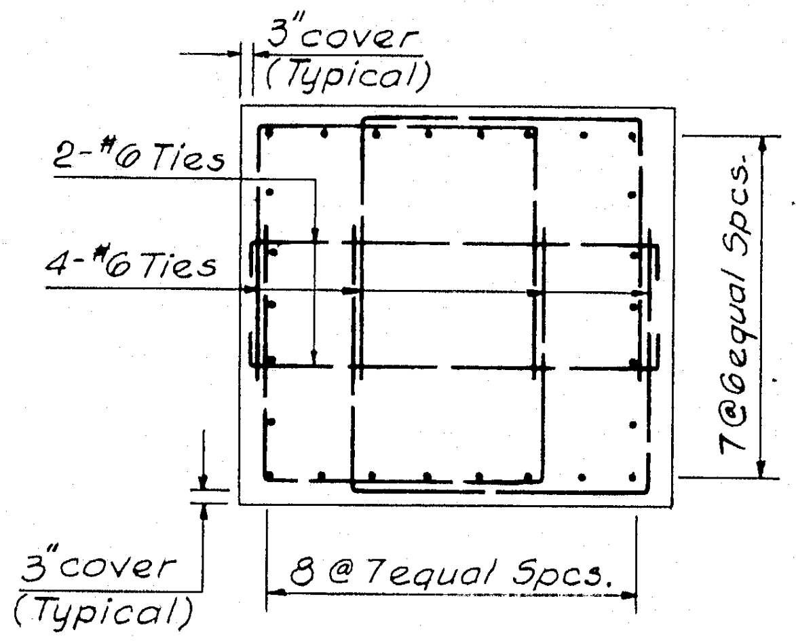
END ELEVATION
Scale: 3/16" = 1'-0"



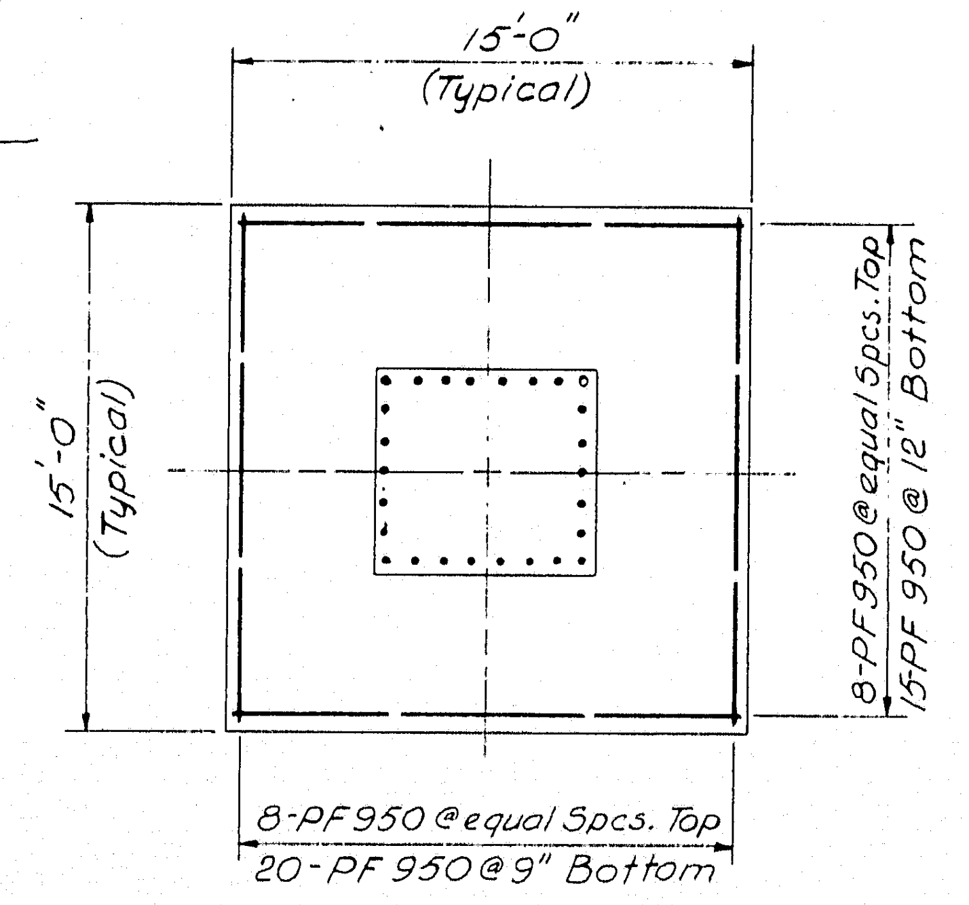
SECTION C-C
Scale: 3/8" = 1'-0"



SECTION D-D
Scale: 3/8" = 1'-0"



SECTION E-E
Scale: 3/8" = 1'-0"



TYPICAL FOOTING PLAN
Scale: 3/16" = 1'-0"

For As Built Reinforcing Steel Details
See Bancroft & Martin
Placing Drawings & Bar Lists.

For note on As-Built Elevations
see sh. 17.

AS BUILT
R.W. Christie 2/5/73

DESIGN — T. C. Thompson
TRACE — H. D. Tchenkeli
CHECK — J. J. Mansour

BRIDGE NO.
IN CHARGE OF — R.W. Christie

NEW HAMPSHIRE
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
AND
MAINE STATE HIGHWAY COMMISSION
INTERSTATE 95 BRIDGE
OVER
PISCATAQUA RIVER
BETWEEN
PORTSMOUTH, NEW HAMPSHIRE AND KITTERY, MAINE
MAINE APPROACH

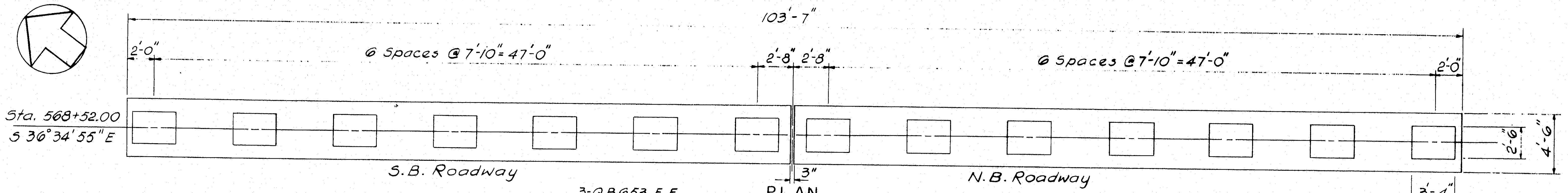
PIER 12N

HARDESTY & HANOVER
CONSULTING ENGINEERS
NEW YORK, N. Y.

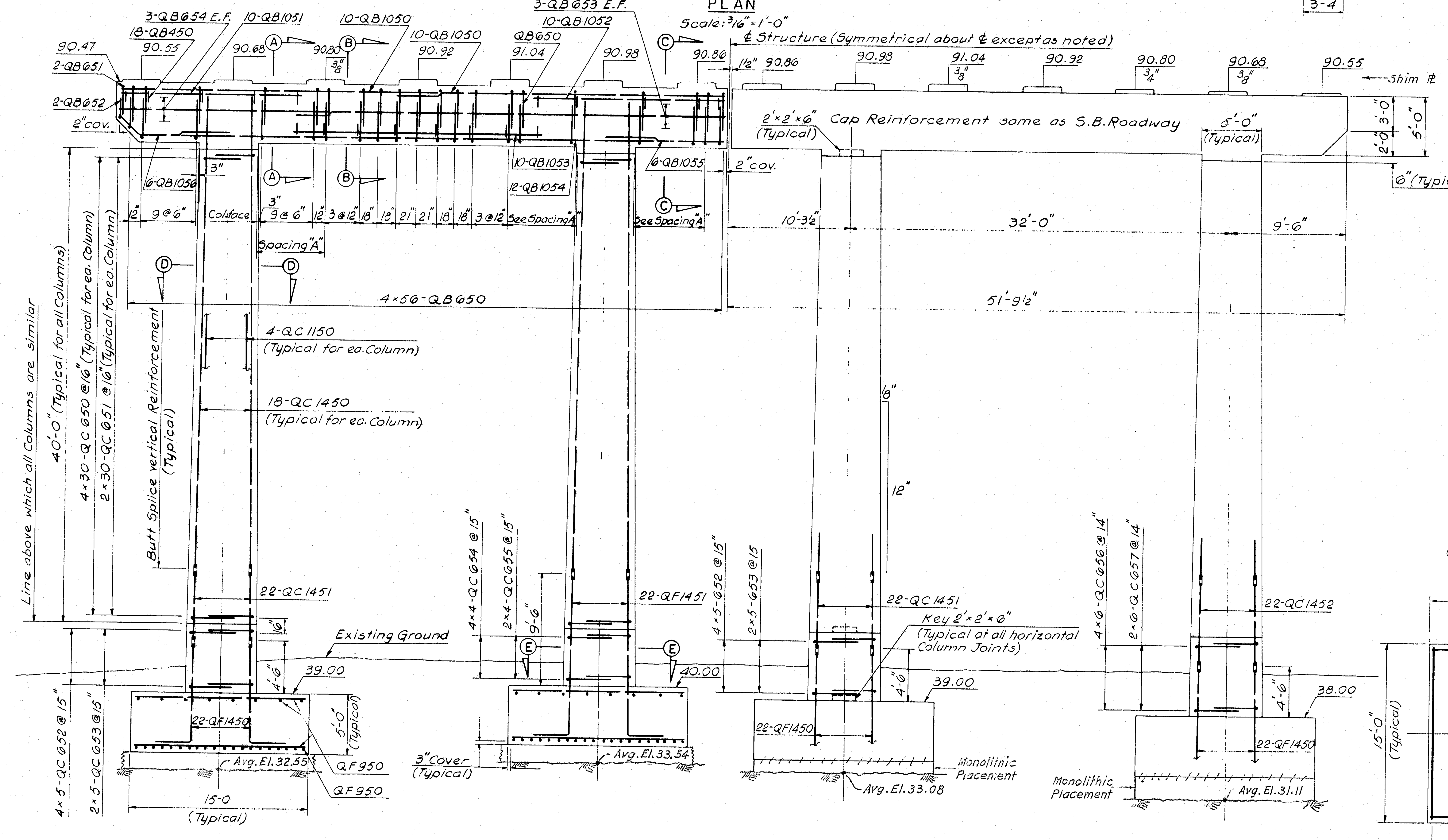
SHEET 51 OF 75

128-190

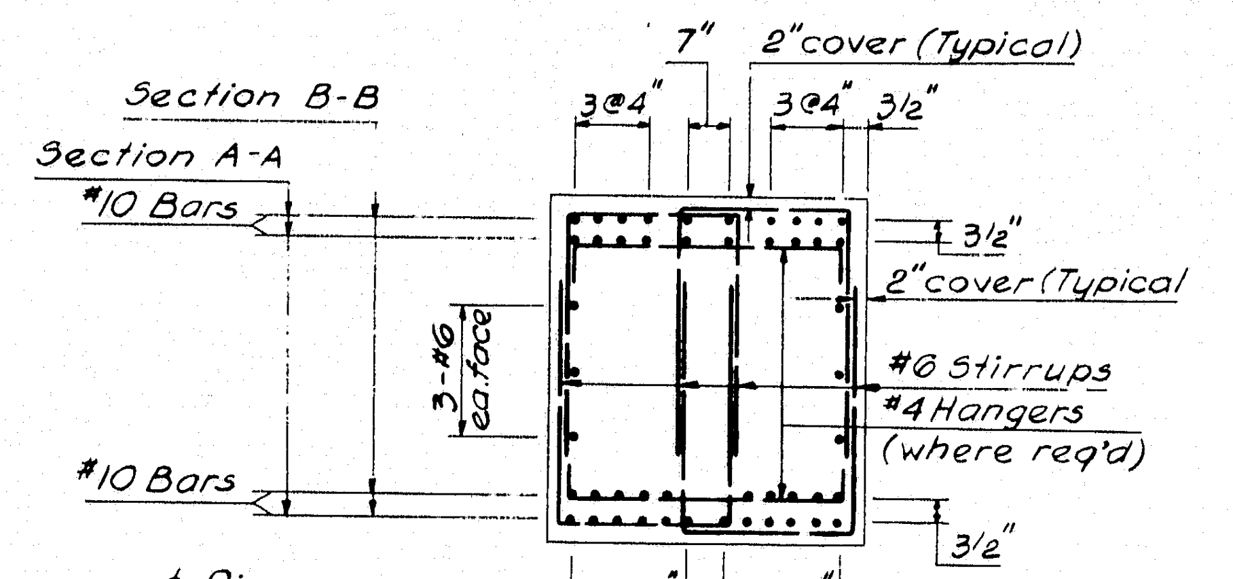
B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	1-95-1 (22) 16	52	75



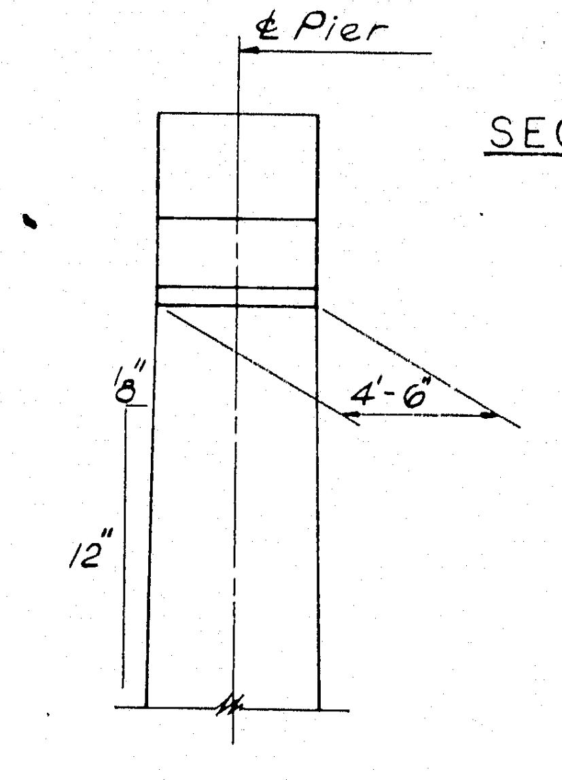
PLAN
Scale: 3/16" = 1'-0"



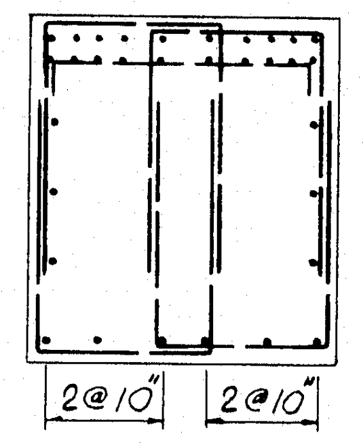
ELEVATION
Scale: 3/16" = 1'-0"



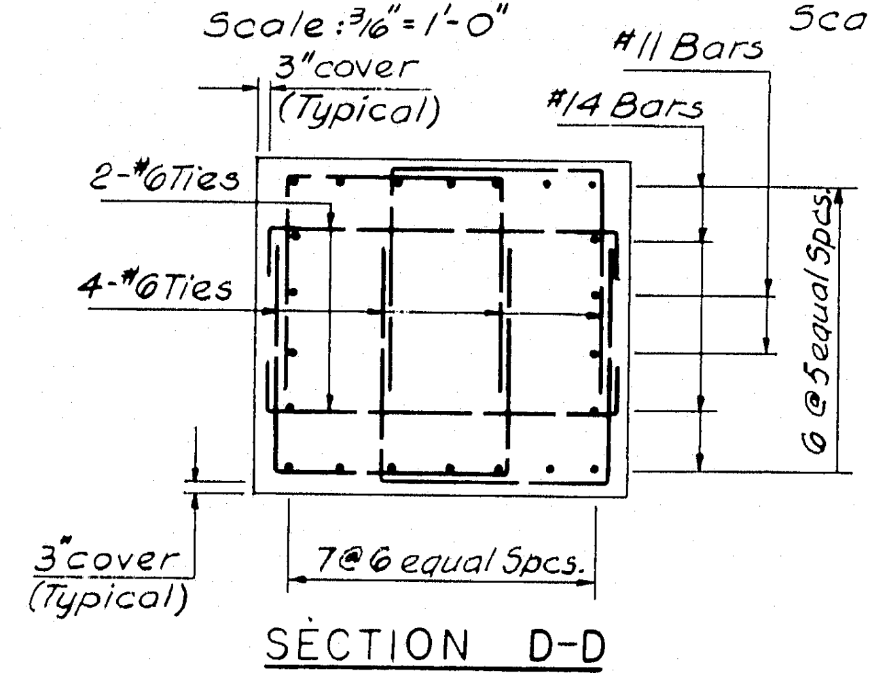
SECTIONS A-A & B-B
Scale: 3/8" = 1'-0"



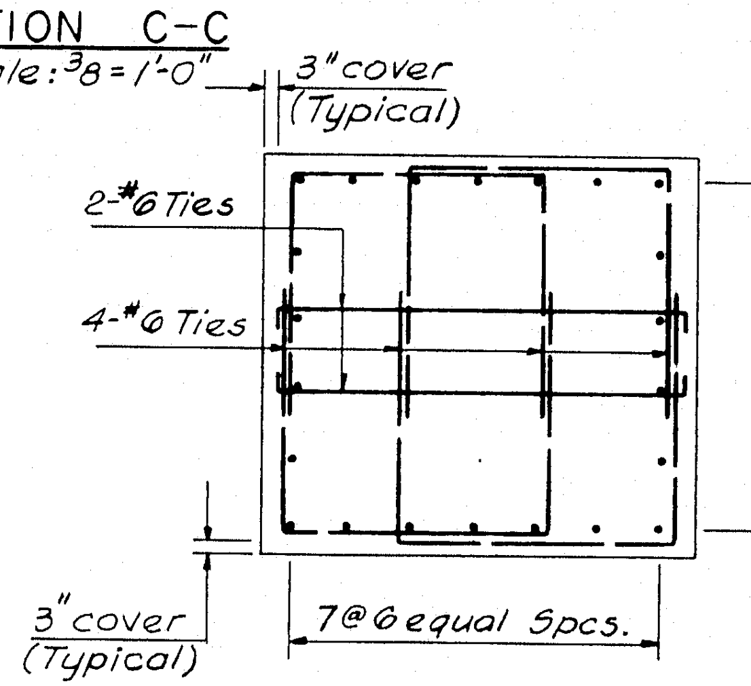
END ELEVATION
Scale: 3/16" = 1'-0"



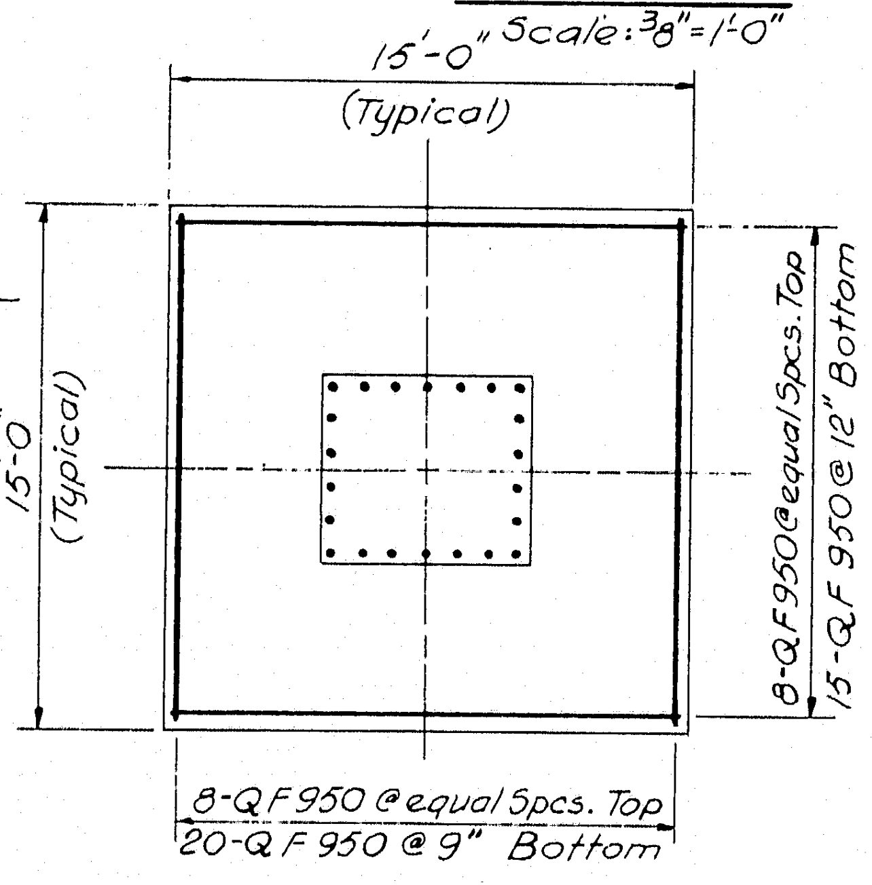
SECTION C-C
Scale: 3/8" = 1'-0"



SECTION D-D
Scale: 3/8" = 1'-0"



SECTION E-E
Scale: 3/8" = 1'-0"



TYPICAL FOOTING PLAN
Scale: 3/16" = 1'-0"

For As Built Reinforcing Steel Details
See Bancroft & Martin
Placing Drawings & Bar Lists.

For note on As-Built Elevations
see sh. 17.

AS BUILT
R. W. Christi 2/5/73

DESIGN — T. C. Thompson
TRACE — A. D. Tchenkeli
CHECK — J. J. Mansour

BRIDGE NO.
IN CHARGE OF — R. W. Christi

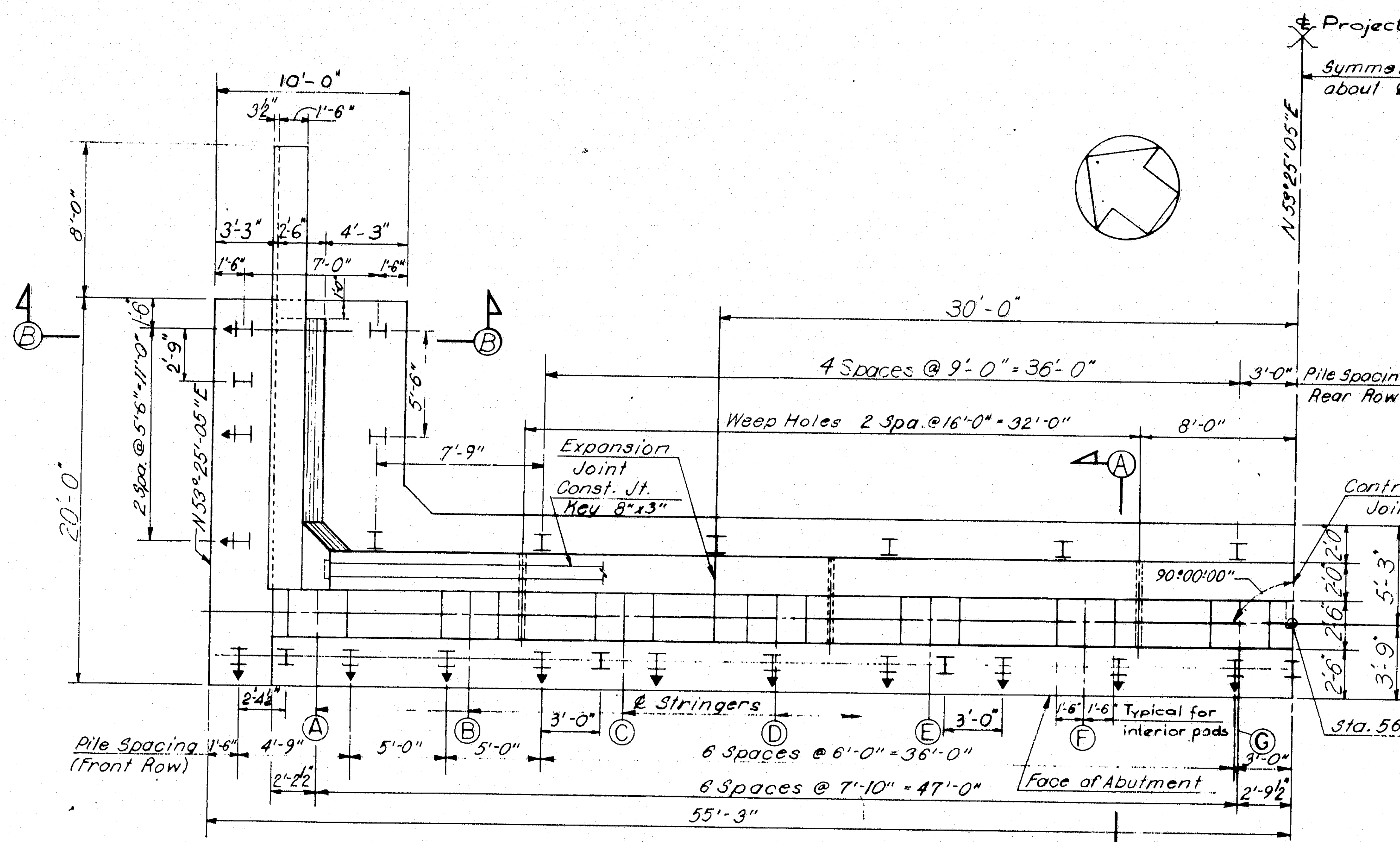
NEW HAMPSHIRE
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
AND
MAINE STATE HIGHWAY COMMISSION
INTERSTATE 95 BRIDGE
OVER
PISCATAQUA RIVER
BETWEEN
PORTSMOUTH, NEW HAMPSHIRE AND KITTERY, MAINE
MAINE APPROACH
PIER 13 N

HARDESTY & HANOVER
CONSULTING ENGINEERS
NEW YORK, N. Y.

SHEET 52 OF 75

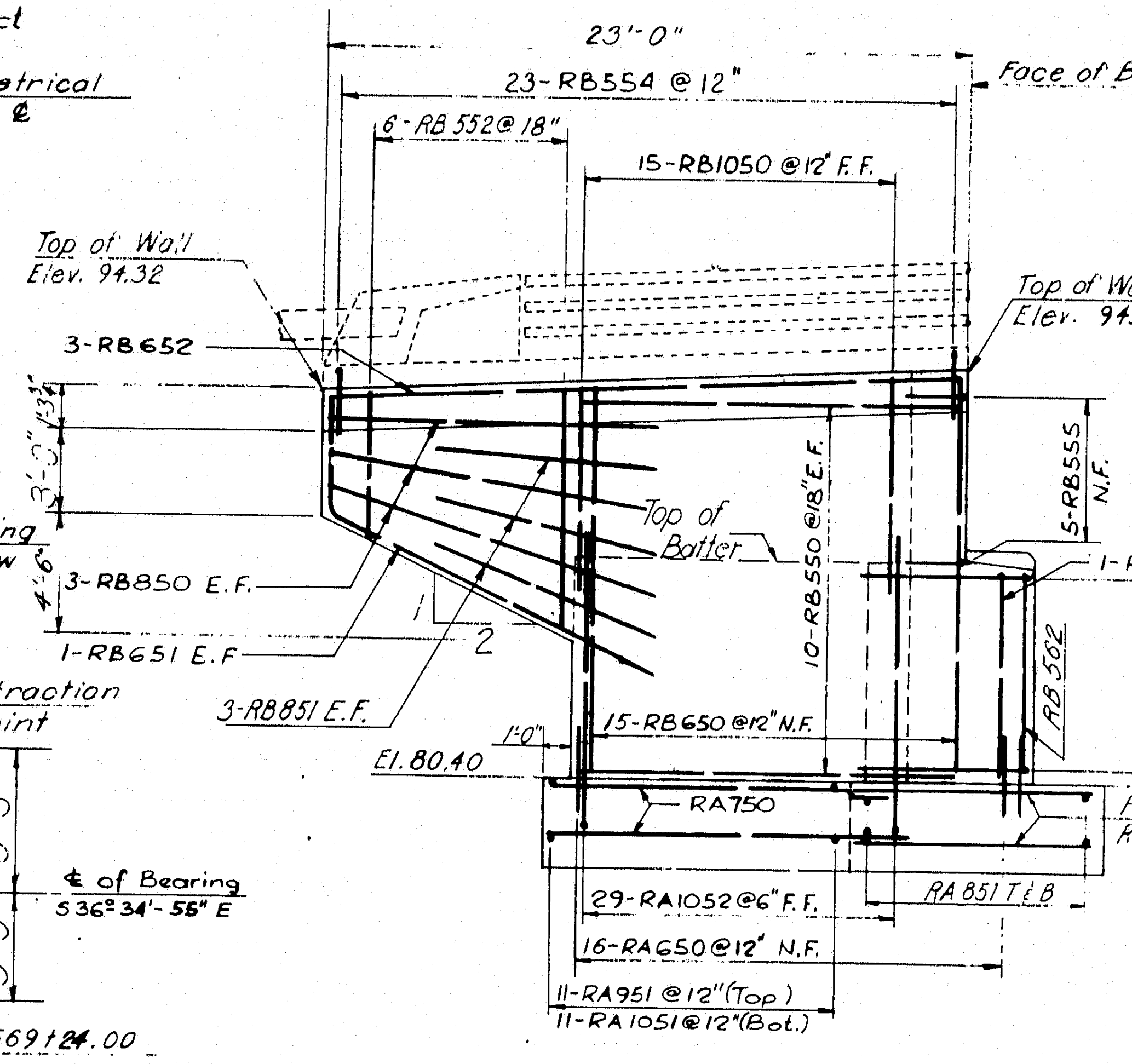
128-191

B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	I-95-1 (22) 16	53	75



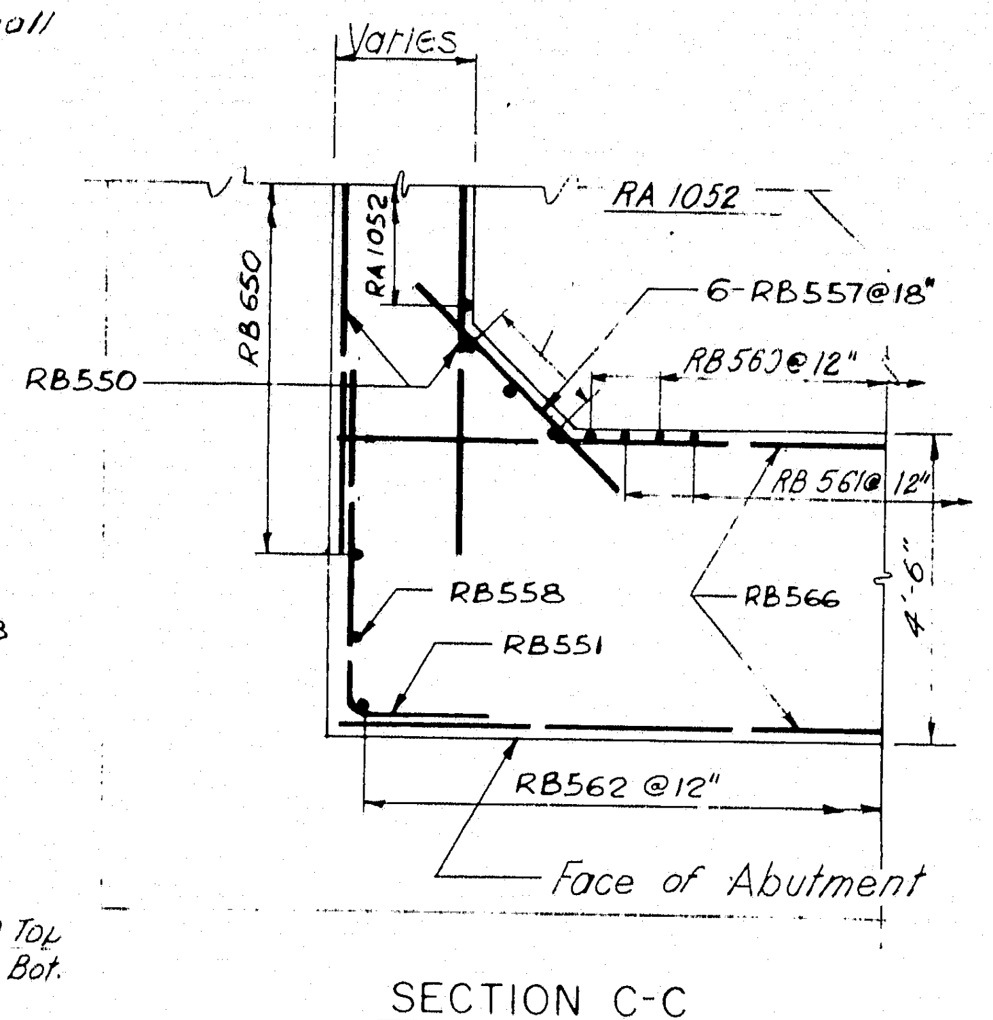
PLAN

Scale: 3/16" = 1'-0"

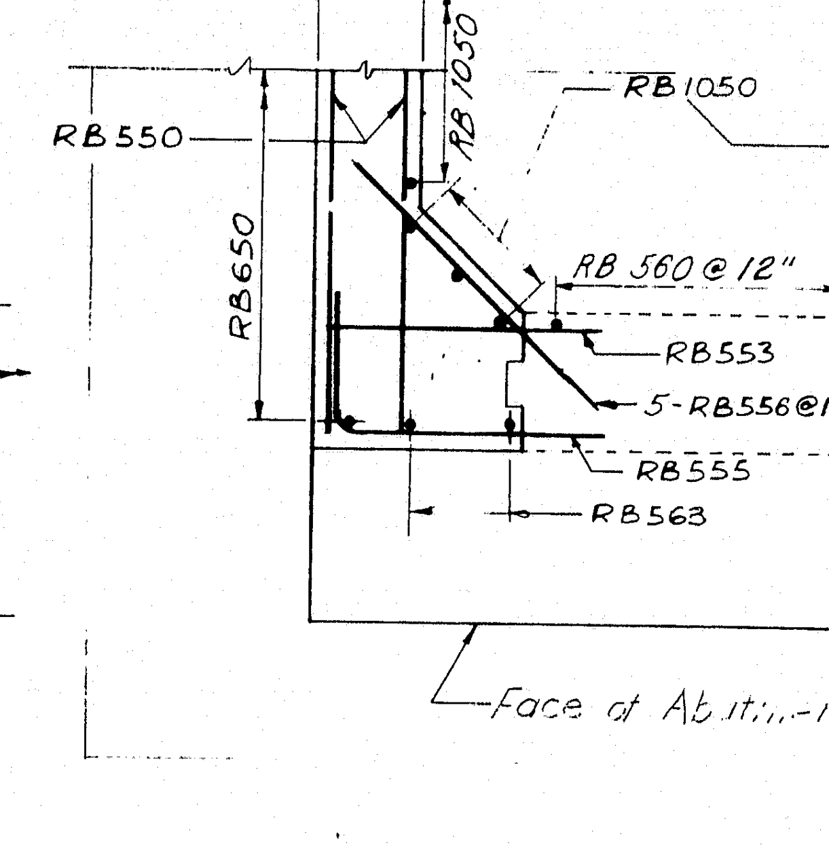


WINGWALL ELEVATION

Scale: 3/16" = 1'-0"



SECTION C-C



SECTION D-D

CORNER DETAILS

Scale: 3/8" = 1'-0"

For As Built Reinforcing Steel Details See Bancroft & Martin Placing Drawings & Bar Lists.

Pile Schedule

Estimated Length	Quantity	Total Estimated Length
42	8	336
44	15	660
46	13	598
48	9	432
50	6	300
Total	51	2,326

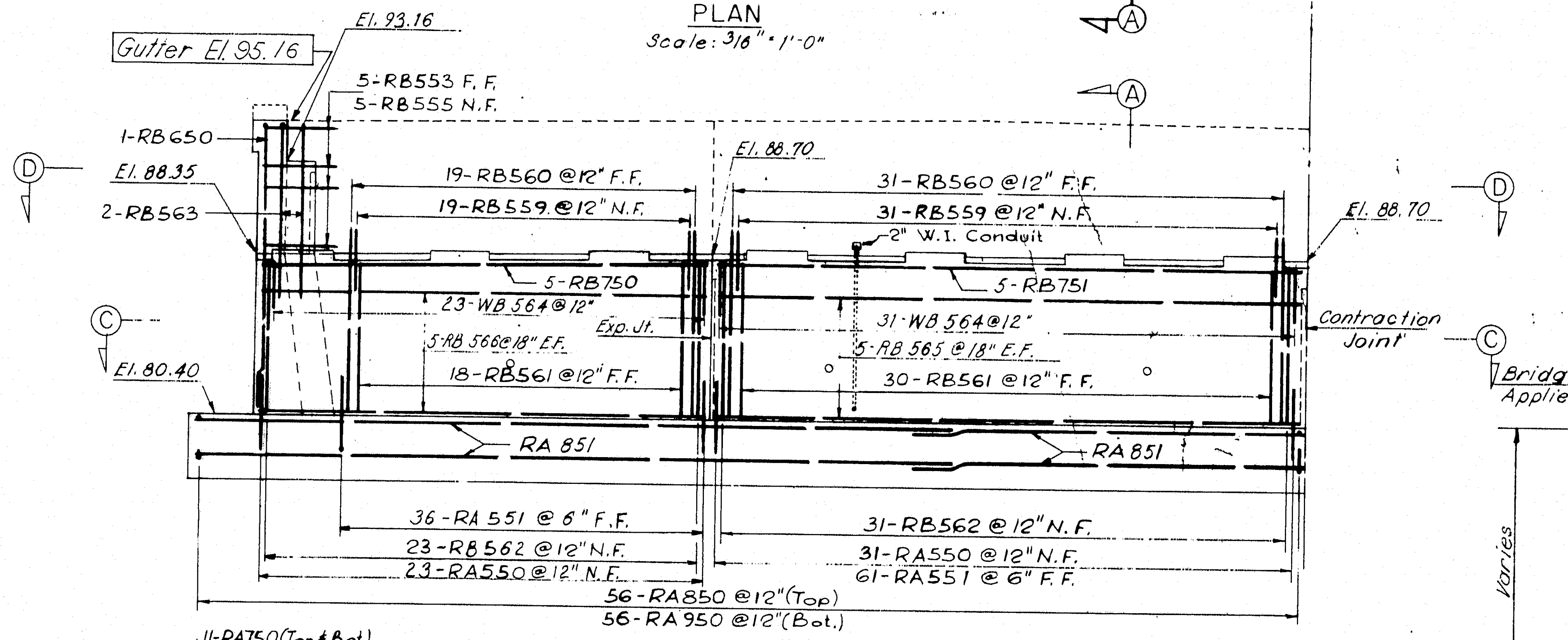
Piles 10 BP 57

I = Vertical

Ī = Battered 3:1

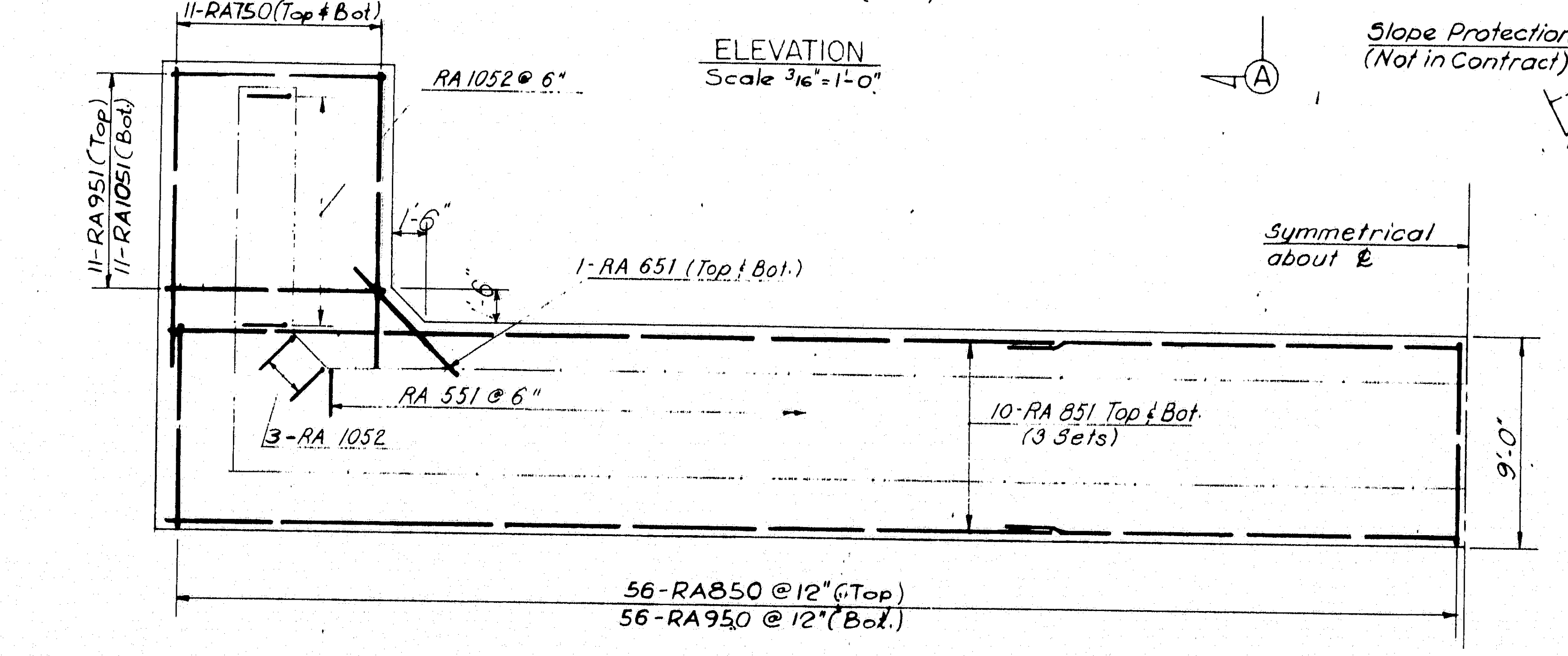
Bearing Pad Elevations

Line	Elevation	Shim Pls		
A	88.56	A 3/8"	N	3/8"
B	88.69	B 5/8"	M	3/8"
C	88.81	C 1/2"	L	3/8"
D	88.92	D 1/2"	K	–
E	89.05	E 1/2"	J	1/2"
F	88.99	F 1/2"	I	3/8"
G	88.86	G 1/2"	H	–



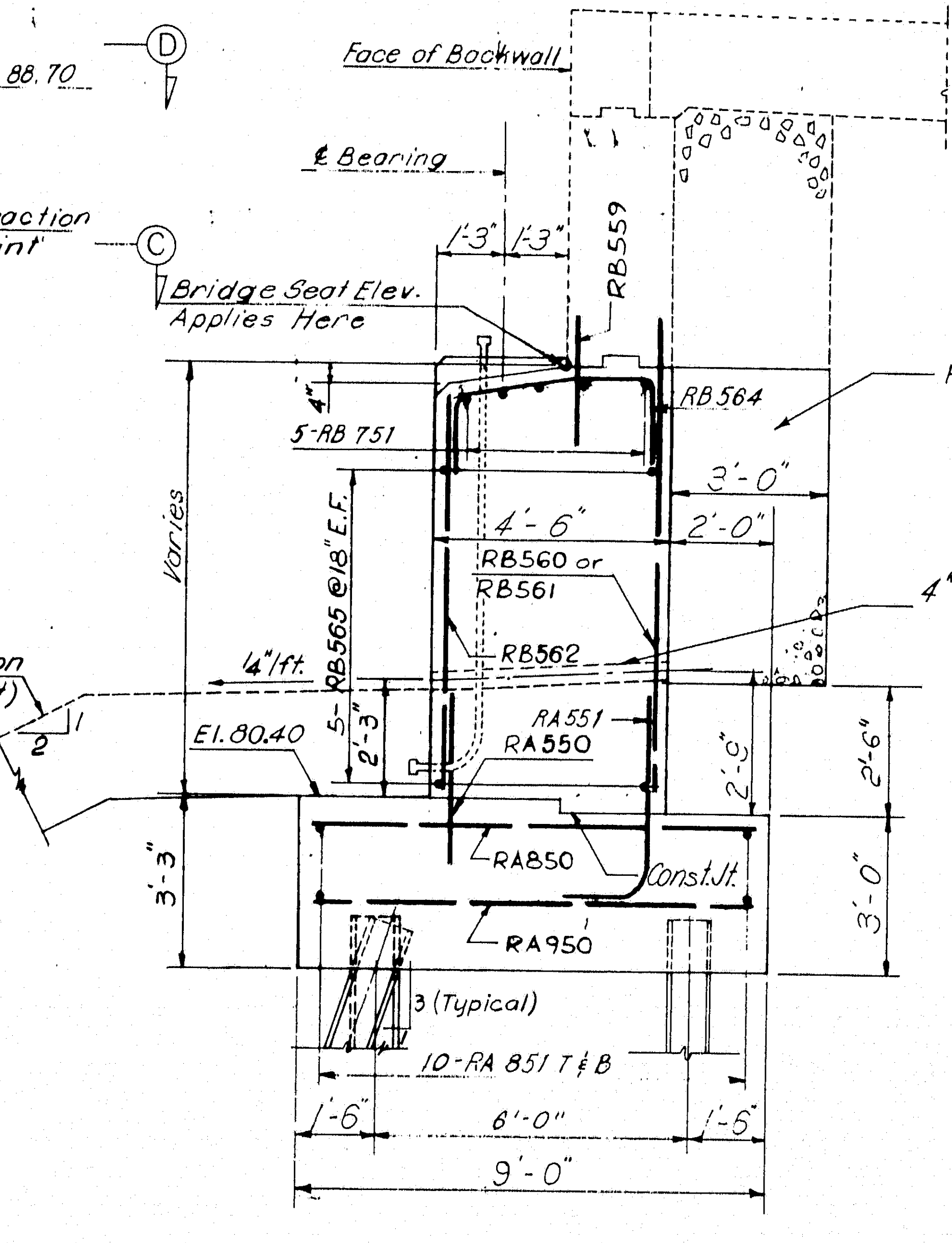
ELEVATION

Scale 3/16" = 1'-0"



FOOTING REINFORCEMENT

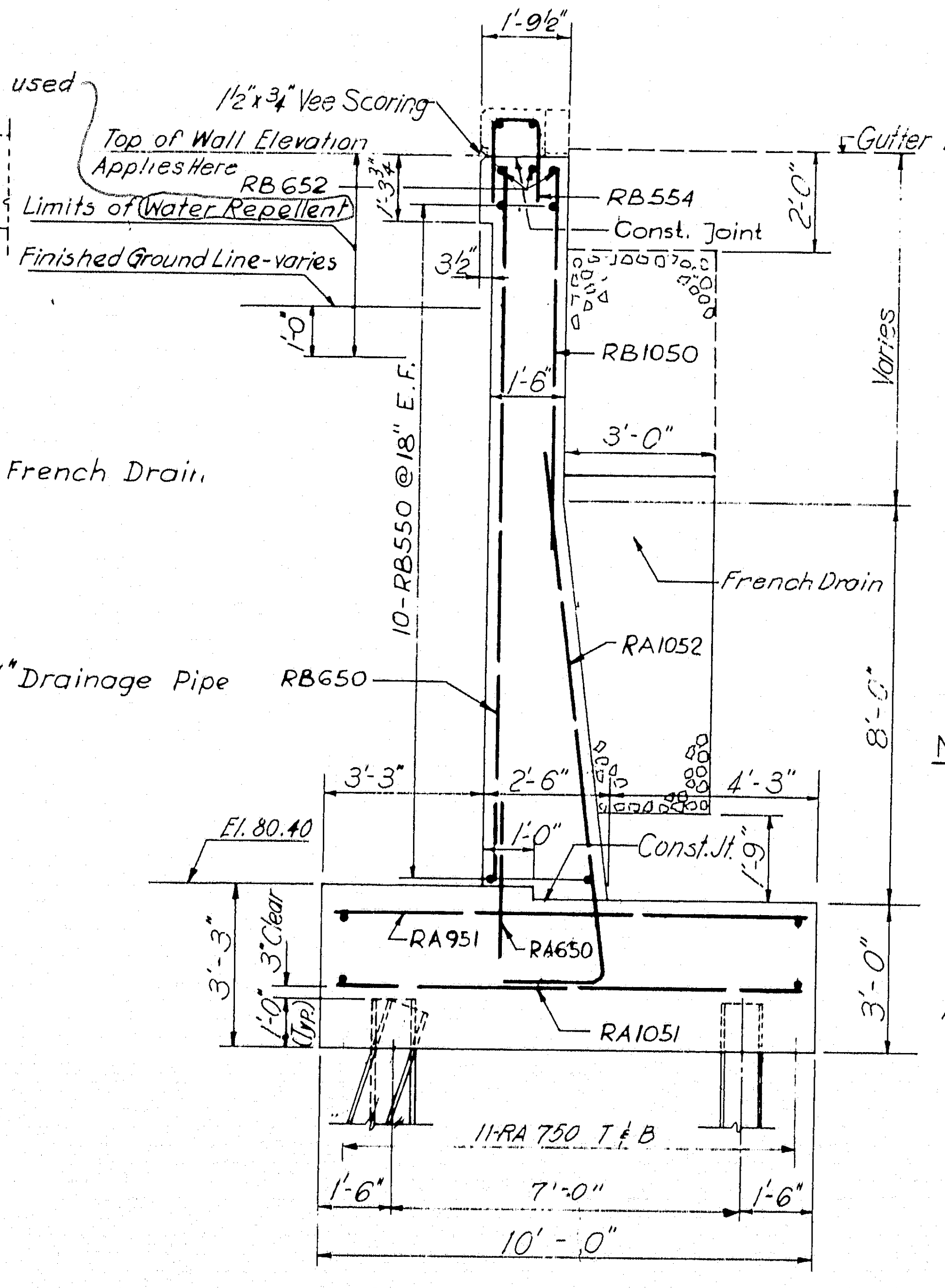
Scale: 3/16" = 1'-0"



Slope Protection (Not in Contract)

SECTION A-A

Scale: 3/8" = 1'-0"



SECTION B-B

Scale: 3/8" = 1'-0"

NOTES:

For details of Expansion and Contraction Joints see Sheet 14.
Pile capacity = 125.7^k
Maximum Dead Load = 87^k
Maximum Live Load + Impact = 34^k
Piles shall be end bearing and shall be driven to practical refusal.
For Bearing Pad details see Sheet 14.
For Drainage Pipe see Sheet 16.

AS BUILT
R.W. Christie 2/5/73

HARDESTY & HANOVER
CONSULTING ENGINEERS
NEW YORK, N. Y.

DESIGN — H. Uyei
TRACE — L. Zago
CHECK — N.H. Bilek

BRIDGE NO. IN CHARGE OF — R.W. Christie

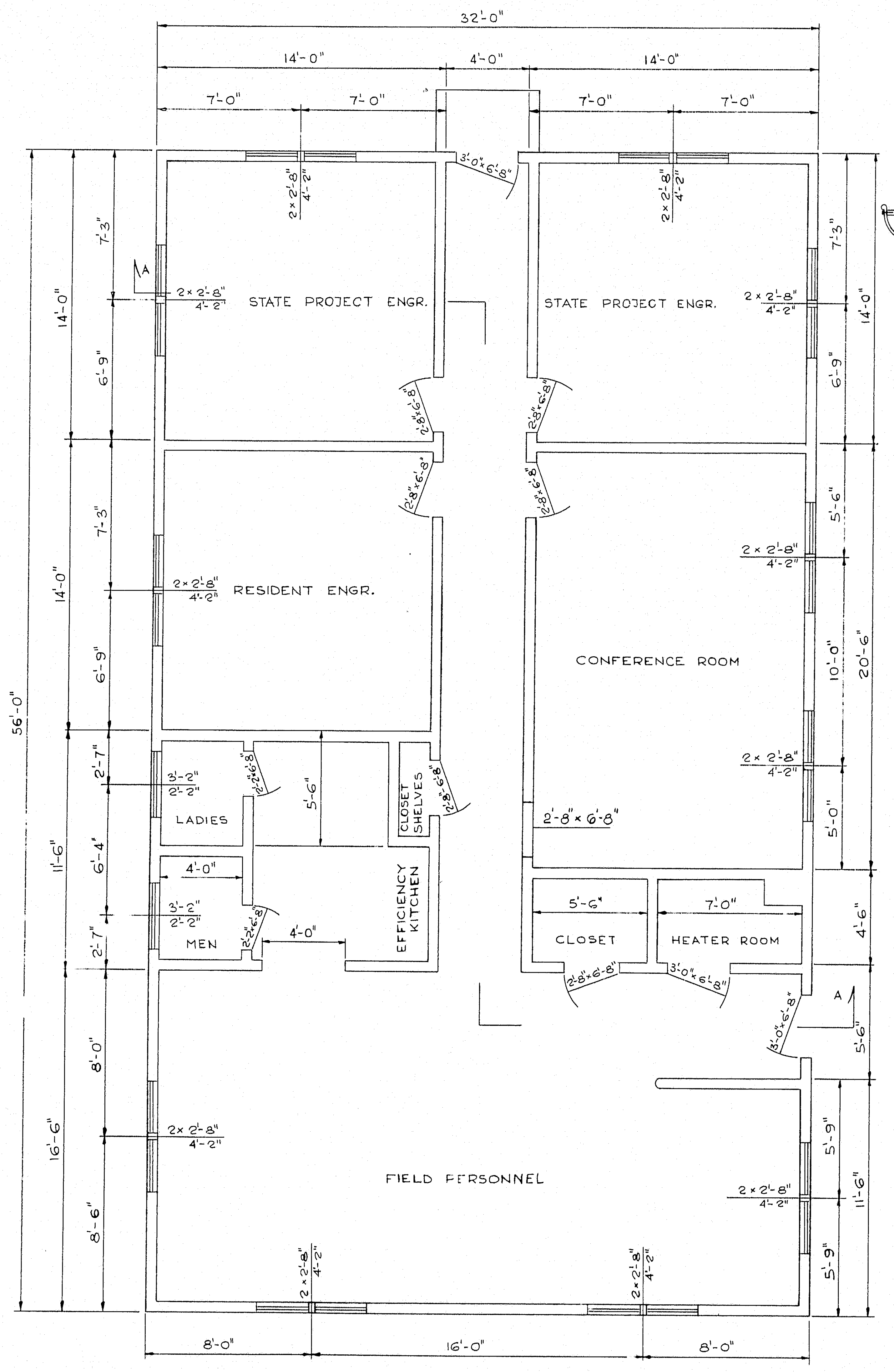
NEW HAMPSHIRE
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
AND
MAINE STATE HIGHWAY COMMISSION
INTERSTATE 95 BRIDGE
OVER
PISCATAQUA RIVER
BETWEEN
PORTSMOUTH, NEW HAMPSHIRE AND KITTERY, MAINE
MAINE APPROACH

NORTH ABUTMENT

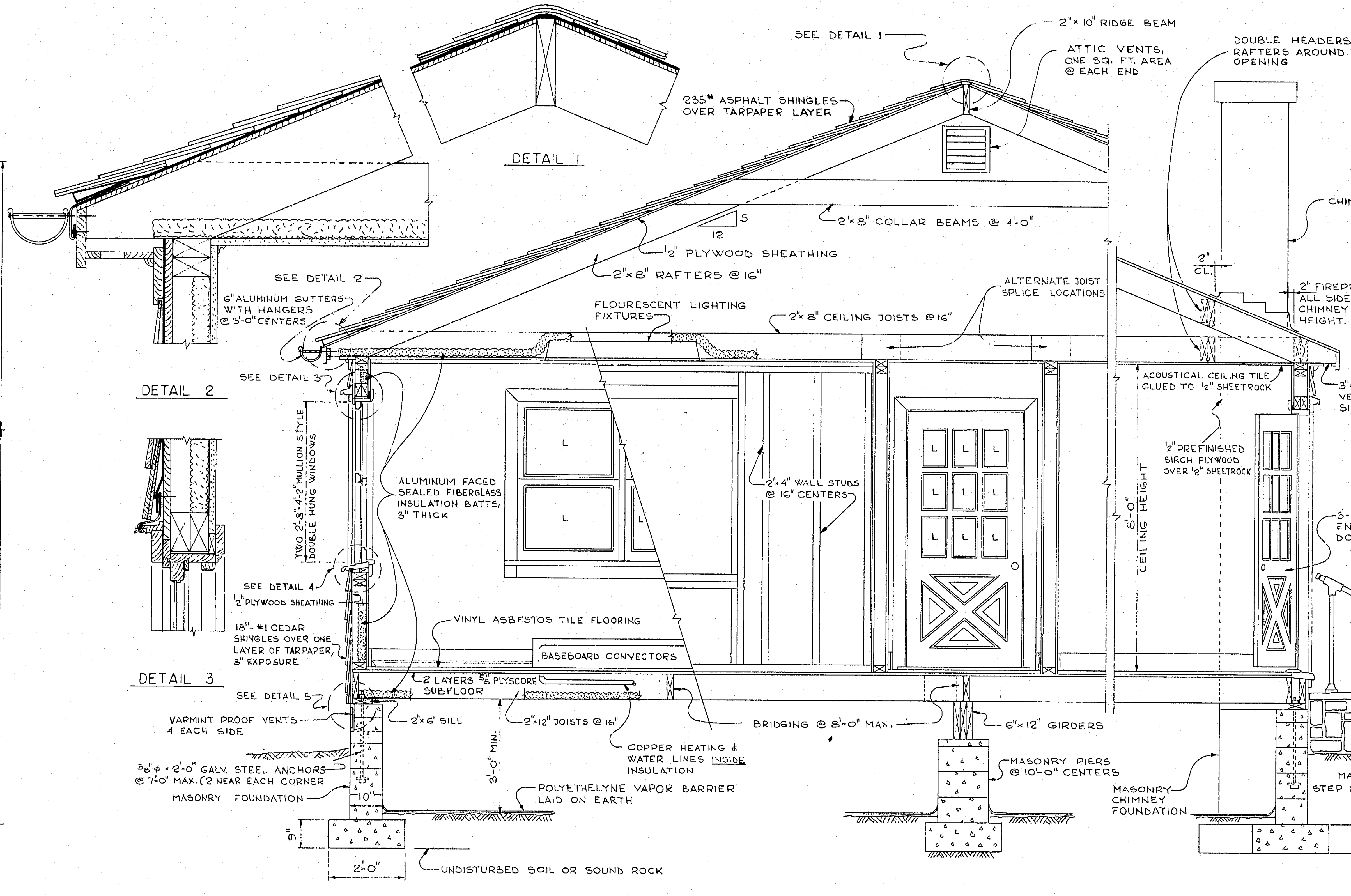
SHEET 53 OF 75

128-192

B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	1-95-1(22)16	54	75

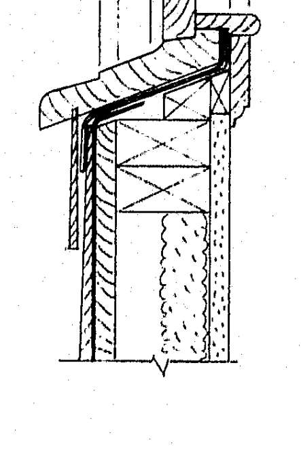


PRIMARY FIELD OFFICE PLAN
SCALE ¼" = 1'-0"

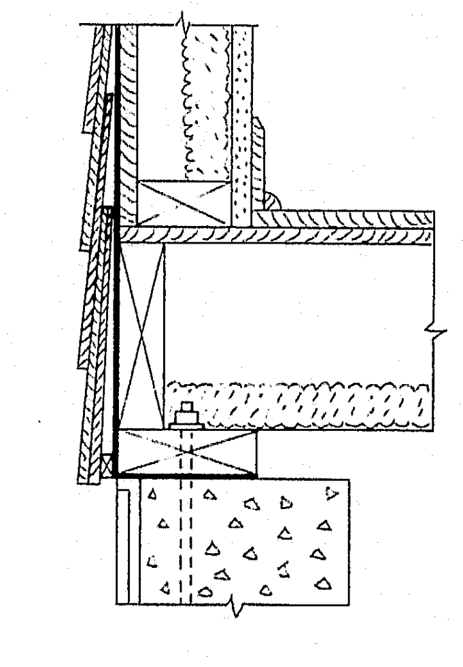


DETAIL 1
DETAIL 2
DETAIL 3
SEE DETAIL 1
2"×10" RIDGE BEAM
ATTIC VENTS, ONE SQ. FT. AREA @ EACH END
235# ASPHALT SHINGLES OVER TARPAPER LAYER
2"×8" COLLAR BEAMS @ 4'-0"
5
12
½" PLYWOOD SHEATHING
2"×8" RAFTERS @ 16"
SEE DETAIL 2
6" ALUMINUM GUTTERS WITH HANGERS @ 3'-0" CENTERS
FLOURESCENT LIGHTING FIXTURES
2"×8" CEILING JOISTS @ 16"
ALTERNATE JOIST SPLICE LOCATIONS
DOUBLE HEADERS & TRIMMER RAFTERS AROUND CHIMNEY OPENING
CHIMNEY
2" CL.
2" FIREPROOFING ALL SIDES OF CHIMNEY FULL HEIGHT.
SEE DETAIL 3
TWO 2'-8"×4'-2" MULLION STYLE DOUBLE HUNG WINDOWS
ALUMINUM FACED SEALED FIBERGLASS INSULATION BATTS, 3" THICK
2"×4" WALL STUDS @ 16" CENTERS
ACOUSTICAL CEILING TILE GLUED TO ½" SHEETROCK
½" PREFINISHED BIRCH PLYWOOD OVER ½" SHEETROCK
8'-0" CEILING HEIGHT
3"×6" SCREENED VENT, 4 EACH SIDE
3'-0"×6'-8" ENTRANCE DOOR
SEE DETAIL 4
½" PLYWOOD SHEATHING
18"-#1 CEDAR SHINGLES OVER ONE LAYER OF TARPAPER, 8" EXPOSURE
VINYL ASBESTOS TILE FLOORING
BASEBOARD CONVECTORS
2 LAYERS ⅝" PLYSCORE SUBFLOOR
SEE DETAIL 5
VARMINT PROOF VENTS 4 EACH SIDE
2"×6" SILL
2"×12" JOISTS @ 16"
BRIDGING @ 8'-0" MAX.
6"×12" GIRDERS
COPPER HEATING & WATER LINES INSIDE INSULATION
⅝"φ × 2'-0" GALV. STEEL ANCHORS @ 7'-0" MAX. (2 NEAR EACH CORNER
MASONRY FOUNDATION
3'-0" MIN.
10"
POLYETHELYNE VAPOR BARRIER LAID ON EARTH
MASONRY PIERS @ 10'-0" CENTERS
MASONRY CHIMNEY FOUNDATION
MASONRY STEP FOUNDATION
4'-0" MIN
9"
2'-0"
UNDISTURBED SOIL OR SOUND ROCK

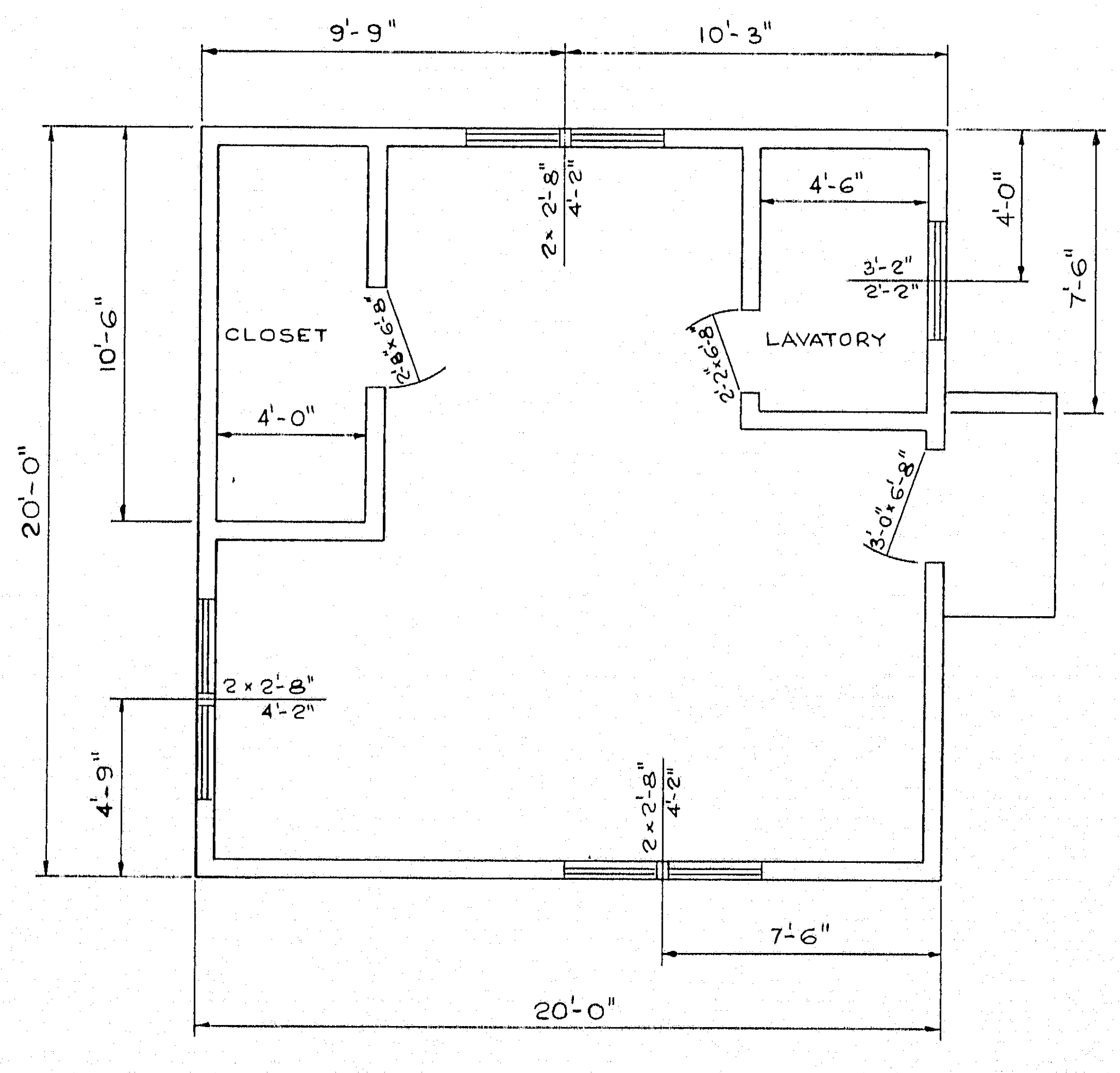
SECTION A A
SCALE ½" = 1'-0"



DETAIL 4



DETAIL 5



SECONDARY FIELD OFFICE PLAN
SCALE ¼" = 1'-0"

NOTES : 1, THE INTENT OF THIS DRAWING IS TO SHOW THE QUALITY OF CONSTRUCTION REQUIRED. THE CONTRACTOR MAY ELECT TO SUBSTITUTE MATERIALS AND DETAILS EQUAL TO THOSE SHOWN. ALL SUBSTITUTIONS WILL BE SHOWN ON THE WORKING DRAWINGS, AND SHALL BE SUBJECT TO APPROVAL BY THE ENGINEER.

DESIGN — T. C. Thompson
TRACE — L. Vago
CHECK — R. W. Christi

BRIDGE NO.
IN CHARGE OF — R. W. Christi

HARDESTY & HANOVER
CONSULTING ENGINEERS
NEW YORK, N. Y.

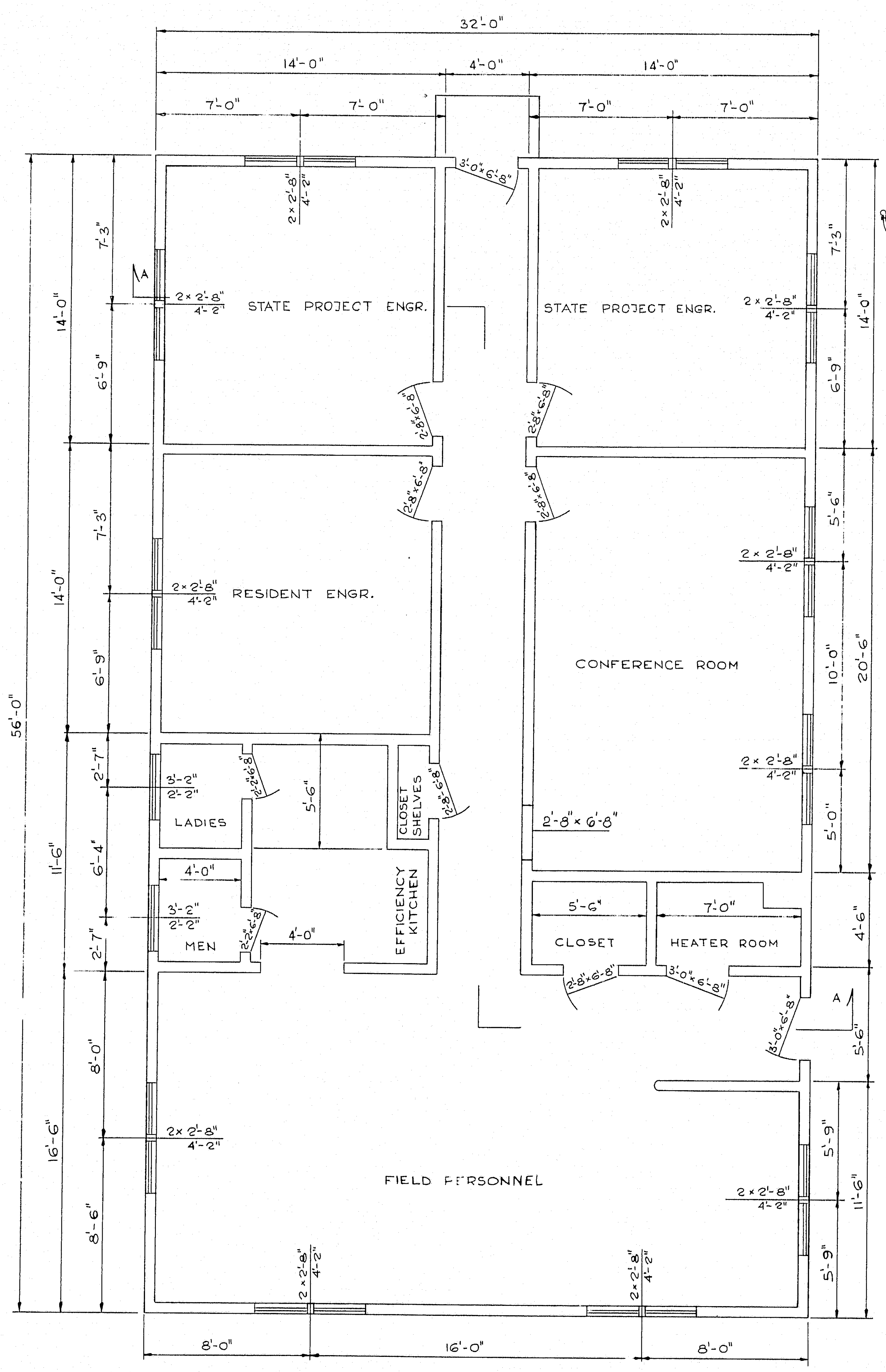
NEW HAMPSHIRE
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
AND
MAINE STATE HIGHWAY COMMISSION
INTERSTATE 95 BRIDGE
OVER
PISCATAQUA RIVER
BETWEEN
PORTSMOUTH, NEW HAMPSHIRE AND KITTERY, MAINE

FIELD OFFICES

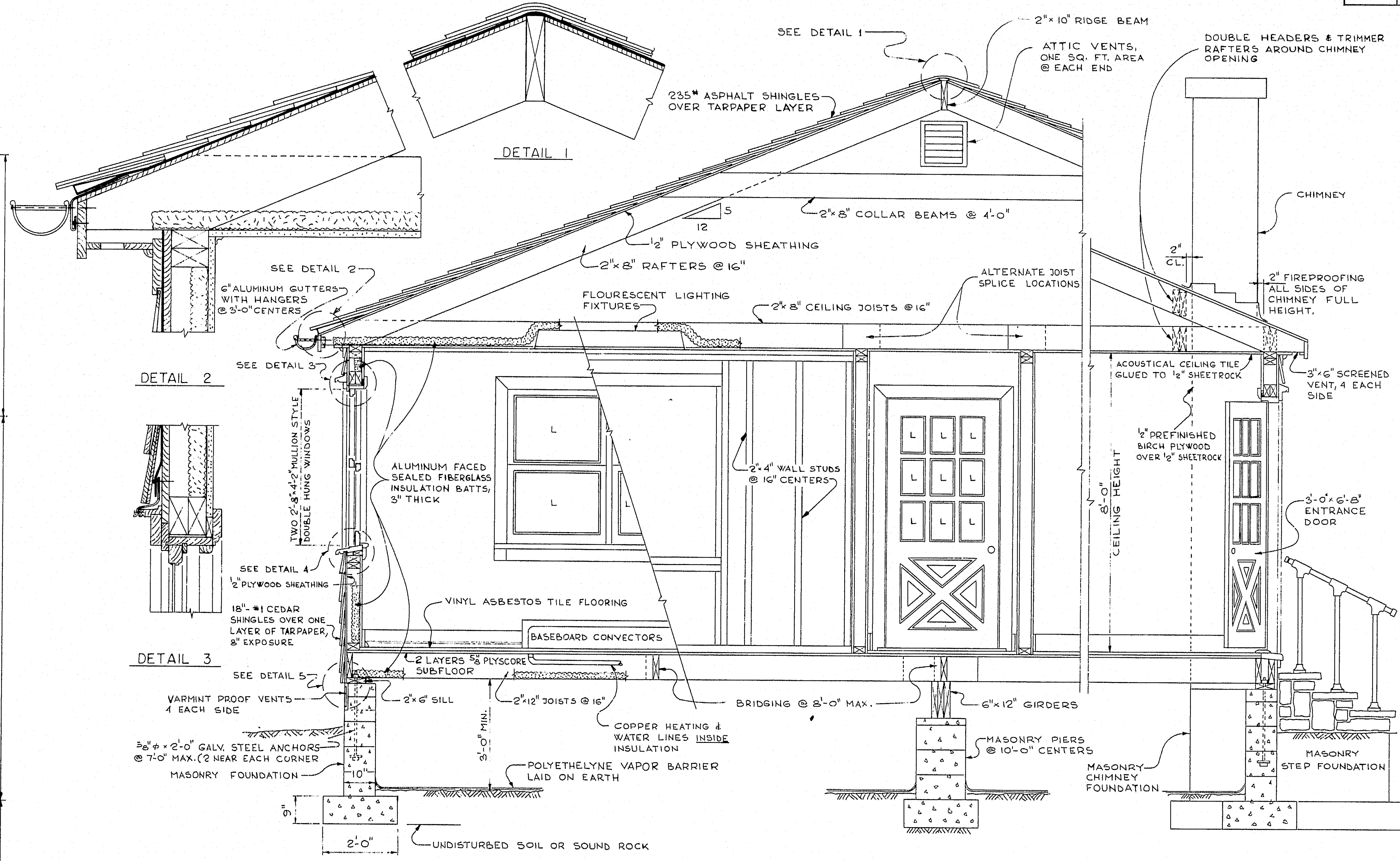
SHEET 54 OF 75

128-193

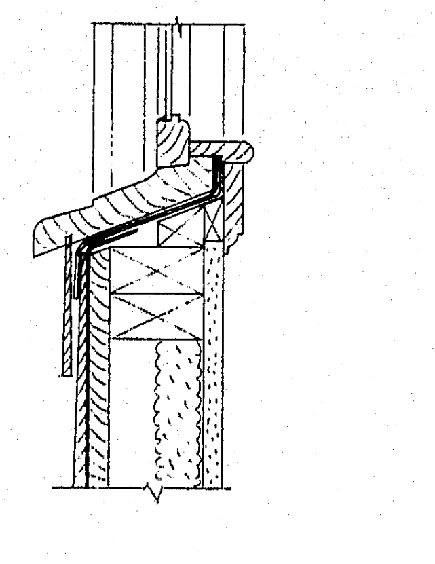
B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	1—95—1(22)16	54	75



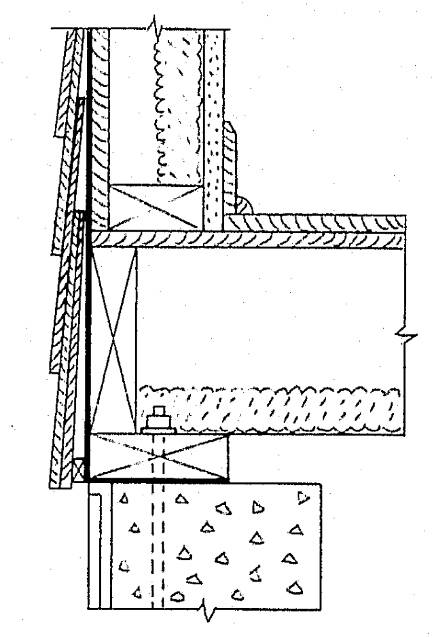
PRIMARY FIELD OFFICE PLAN
SCALE 1/4" = 1'-0"


DETAIL 1
DETAIL 2
DETAIL 3
SEE DETAIL 1
2"×10" RIDGE BEAM
ATTIC VENTS, ONE SQ. FT. AREA @ EACH END
DOUBLE HEADERS & TRIMMER RAFTERS AROUND CHIMNEY OPENING
235# ASPHALT SHINGLES OVER TARPAPER LAYER
CHIMNEY
2"×8" COLLAR BEAMS @ 4'-0"
5
12
1/2" PLYWOOD SHEATHING
2"×8" RAFTERS @ 16"
2" CL.
2" FIREPROOFING ALL SIDES OF CHIMNEY FULL HEIGHT.
ALTERNATE JOIST SPLICE LOCATIONS
SEE DETAIL 2
6" ALUMINUM GUTTERS WITH HANGERS @ 3'-0" CENTERS
FLOURESCENT LIGHTING FIXTURES
2"×8" CEILING JOISTS @ 16"
SEE DETAIL 3
ACOUSTICAL CEILING TILE GLUED TO 1/2" SHEETROCK
3"×6" SCREENED VENT, 4 EACH SIDE
TWO 2'-8"×4'-2" MULLION STYLE DOUBLE HUNG WINDOWS
ALUMINUM FACED SEALED FIBERGLASS INSULATION BATTS, 3" THICK
2"×4" WALL STUDS @ 16" CENTERS
1/2" PREFINISHED BIRCH PLYWOOD OVER 1/2" SHEETROCK
8'-0" CEILING HEIGHT
3'-0"×6'-8" ENTRANCE DOOR
SEE DETAIL 4
1/2" PLYWOOD SHEATHING
VINYL ASBESTOS TILE FLOORING
18"-#1 CEDAR SHINGLES OVER ONE LAYER OF TARPAPER, 8" EXPOSURE
BASEBOARD CONVECTORS
2 LAYERS 5/8 PLYSCORE SUBFLOOR
SEE DETAIL 5
VARMINT PROOF VENTS 4 EACH SIDE
2"×6" SILL
2"×12" JOISTS @ 16"
BRIDGING @ 8'-0" MAX.
6"×12" GIRDERS
5/8"φ × 2'-0" GALV. STEEL ANCHORS @ 7'-0" MAX. (2 NEAR EACH CORNER
MASONRY FOUNDATION
COPPER HEATING & WATER LINES INSIDE INSULATION
3'-0" MIN.
MASONRY PIERS @ 10'-0" CENTERS
10"
POLYETHELYNE VAPOR BARRIER LAID ON EARTH
MASONRY CHIMNEY FOUNDATION
MASONRY STEP FOUNDATION
4'-0" MIN
9"
2'-0"
UNDISTURBED SOIL OR SOUND ROCK

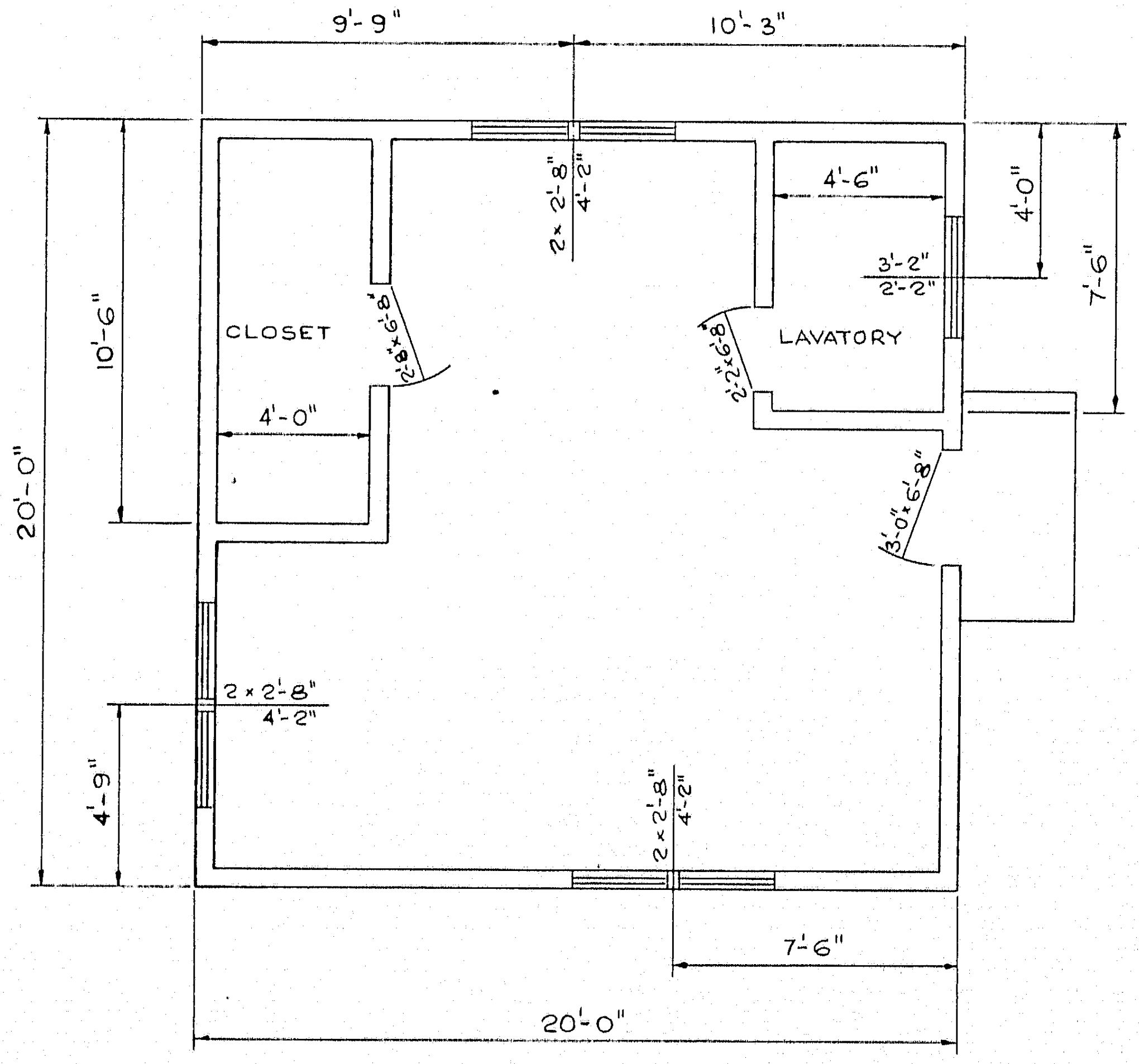
SECTION A A
SCALE 1/2" = 1'-0"



DETAIL 4



DETAIL 5



SECONDARY FIELD OFFICE PLAN
SCALE 1/4" = 1'-0"

NOTES : 1, THE INTENT OF THIS DRAWING IS TO SHOW THE QUALITY OF CONSTRUCTION REQUIRED. THE CONTRACTOR MAY ELECT TO SUBSTITUTE MATERIALS AND DETAILS EQUAL TO THOSE SHOWN. ALL SUBSTITUTIONS WILL BE SHOWN ON THE WORKING DRAWINGS, AND SHALL BE SUBJECT TO APPROVAL BY THE ENGINEER.

DESIGN — T. C. Thompson
TRACE — L. Vago
CHECK — R. W. Christi

BRIDGE NO.
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NEW HAMPSHIRE
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
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PORTSMOUTH, NEW HAMPSHIRE AND KITTERY, MAINE

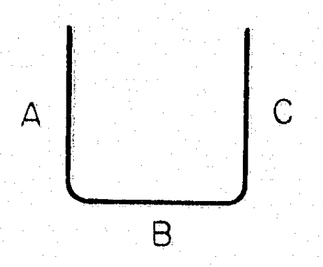
HARDESTY & HANOVER
CONSULTING ENGINEERS
NEW YORK, N. Y.

FIELD OFFICES

SHEET 54 OF 75

128-193

B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	1-95-1(22)16	55	75



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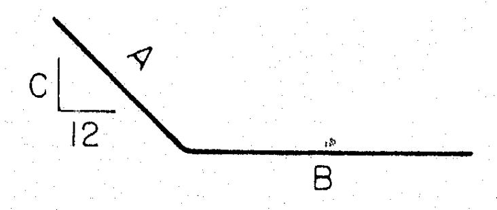

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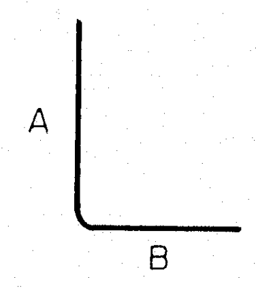

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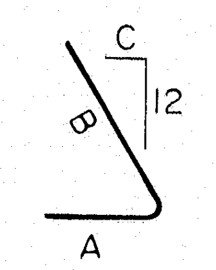

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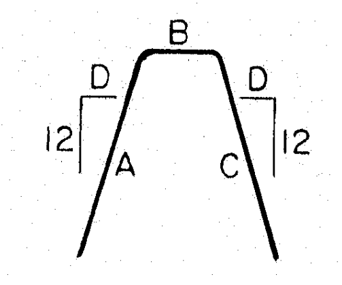

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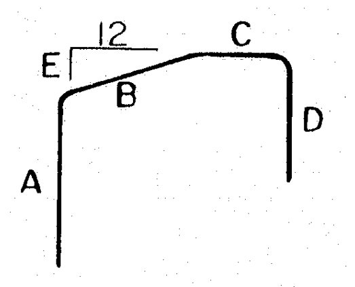

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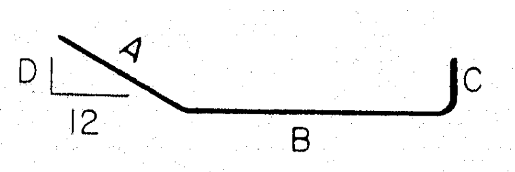
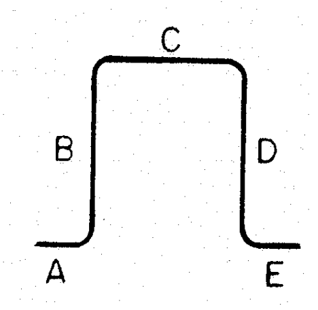


TYPE 7



TYPE 8

SOUTH ABUTMENT

Mark	Length	No. Reqd	Type	Detail Dimensions A	B	C	D	E	F
WA500	3'-6	147	STR						
WA501	5'-4	272	3	2'-0	3'-6				
WA600	3'-6	32	STR						
WA601	4'-7	4	STR						
WA700	13'-0	44	STR						
WA800	8'-6	151	STR						
WA801	40'-0	80	STR						
WA900	8'-6	151	STR						
WA901	9'-6	22	STR						
WA1001	9'-6	22	STR						
WA1002	13'-2	58	4	2'-0	11'-3	1 1/2			
WB500	13'-6	40	STR						
WB501	6'-10	12	3	2'-0	5'-0				
WB502	9'-10	12	1	4'-6	1'-0	4'-6	(2 Sets of 6)		
	TO 17'-10			TO 8'-6	TO 1'-0	TO 8'-6			
WB503	4'-9	10	STR					(GALV.)	
WB504	4'-4	46	1	1'-9	1'-0	1'-9		(GALV.)	
WB505	5'-4	10	3	2'-0	4'-6			(GALV.)	
WB506	4'-6	10	STR						
WB507	5'-0	12	STR					(GALV.)	
WB508	7'-9	2	STR						
WB509	3'-0	141	STR					(GALV.)	
WB510	10'-3	141	STR					(GALV.)	
WB511	7'-9	135	STR						
WB512	7'-6	147	STR						
WB513	9'-0	4	STR						
WB514	8'-0	147	6	2'-0	2'-3	1'-9	2'-0	0'-2	
WB515	29'-6	10	STR						
WB516	23'-6	30	STR						
WB517	20'-6	20	STR						
WB600	14'-0	30	STR						
WB601	16'-4	4	4	4'-0	12'-0	0'-6			
WB602	22'-6	6	STR						
WB700	20'-6	10	STR						
WB701	23'-6	15	STR						
WB702	29'-6	5	STR						
WB800	12'-0	12	STR						
WB801	9'-0	12	STR						
WB1000	8'-0	30	STR						

PIER 18S

Mark	Length	No. Reqd	Type	Detail Dimensions A	B	C	D	E	F
VF1000	13'-6	168	STR						
VF1400	11'-11	144	3	9'-5	3'-0				
VC600	9'-6	216	1	3'-2	3'-4	3'-2	(8 Sets of 27)		
	TO 10'-9			TO 3'-6	TO 3'-11	TO 3'-6			
VC601	6'-2	108	1	0'-11	4'-6	0'-11	(4 Sets of 27)		
	TO 6'-11			TO 0'-11	TO 5'-3	TO 0'-11			
VC602	9'-6	100	1	3'-2	3'-4	3'-2	(4 Sets of 25)		
	TO 10'-8			TO 3'-6	TO 3'-10	TO 3'-6			
VC603	6'-2	50	1	0'-11	4'-6	0'-11	(2 Sets of 25)		
	TO 6'-10			TO 0'-11	TO 5'-2	TO 0'-11			
VC604	9'-6	116	1	3'-2	3'-4	3'-2	(4 Sets of 29)		
	TO 10'-10			TO 3'-6	TO 4'-0	TO 3'-6			
VC605	6'-2	58	1	0'-11	4'-6	0'-11	(2 Sets of 29)		
	TO 7'-0			TO 0'-11	TO 5'-4	TO 0'-11			
VC1400	37'-7	72	STR						
VC1401	35'-2	36	STR						
VC1402	39'-7	36	STR						
VB400	5'-4	36	1	0'-8	4'-2	0'-8			
VB600	10'-6	750	1	4'-1	2'-6	4'-1			
VB601	7'-0	6	1	2'-4	2'-6	2'-4			
VB602	5'-6	6	1	1'-7	2'-6	1'-7			
VB603	40'-0	12	STR						
VB604	28'-3	6	STR						
VB605	34'-10	6	STR						
VB1100	13'-0	6	STR						
VB1101	13'-6	6	2	4'-8	9'-0	1'-0			
VB1102	13'-9	6	STR						
VB1103	14'-3	6	2	4'-8	9'-9	1'-0			
VB1400	66'-3	10	STR						
VB1401	23'-9	8	STR						
VB1402	22'-9	8	STR						
VB1403	27'-6	6	STR						
VB1404	48'-0	10	STR						
VB1405	72'-10	10	STR						
VB1406	27'-1	8	STR						
VB1407	26'-5	8	STR						
VB1408	35'-0	6	STR						
VB1409	53'-0	10	STR						

PIER 17S

Mark	Length	No. Reqd	Type	Detail Dimensions A	B	C	D	E	F
UF1000	13'-6	168	STR						
UF1400	12'-5	72	3	9'-11	3'-0				
UF1401	14'-0	36	3	11'-6	3'-0				
UF1402	14'-3	36	3	11'-9	3'-0				
UC600	9'-6	112	1	3'-2	3'-4	3'-2	(4 Sets of 28)		
	TO 10'-8			TO 3'-6	TO 3'-10	TO 3'-6			
UC601	6'-2	56	1	0'-11	4'-8	0'-11	(2 Sets of 28)		
	TO 6'-11			TO 0'-11	TO 5'-3	TO 0'-11			
UC602	9'-6	360	1	3'-2	3'-4	3'-2	(12 Sets of 30)		
	TO 10'-9			TO 3'-6	TO 3'-11	TO 3'-6			
UC603	6'-2	180	1	0'-11	4'-6	0'-11	(6 Sets of 30)		
	TO 7'-0			TO 0'-11	TO 5'-4	TO 0'-11			
UC604	10'-9	8	1	3'-6	3'-11	3'-6			
UC605	7'-0	4	1	0'-11	5'-4	0'-11			
UC1400	38'-3	36	STR						
UC1401	40'-0	108	STR						
UB400	5'-4	36	1	0'-8	4'-2	0'-8			
UB600	10'-4	744	1	4'-0	2'-6	4'-0			
UB601	7'-0	6	1	2'-4	2'-6	2'-4			
UB602	5'-6	6	1	1'-7	2'-6	1'-7			
UB603	40'-0	12	STR						
UB604	25'-7	6	STR						
UB605	33'-0	6	STR						
UB1100	12'-2	6	STR						
UB1101	12'-7	6	2	4'-4	8'-5	1'-0			
UB1102	13'-10	6	STR						
UB1103	14'-2	6	2	4'-4	10'-0	1'-0			
UB1400	60'-7	10	STR						
UB1401	23'-9	8	STR						
UB1402	23'-0	8	STR						
UB1403	30'-6	6	STR						
UB1404	47'-0	10	STR						
UB1405	71'-0	10	STR						
UB1406	26'-7	8	STR						
UB1407	26'-0	8	STR						
UB1408	33'-6	6	STR						
UB1409	51'-0	10	STR						

PIER 16S

Mark	Length	No. Reqd	Type	Detail Dimensions A	B	C	D	E	F
TF1000	16'-6	208	STR						
TF1400	11'-2	72	3	8'-8	3'-0				
TF1401	13'-8	36	3	11'-2	3'-0				
TF1402	16'-5	36	3	13'-11	3'-0				
TC600	9'-6	480	1	3'-2	3'-4	3'-2	(16 Sets of 30)		
	TO 10'-9			TO 3'-6	TO 3'-11	TO 3'-6			
TC601	6'-2	240	1	0'-11	4'-6	0'-11	(8 Sets of 30)		
	TO 7'-0			TO 0'-11	TO 5'-4	TO 0'-11			
TC602	10'-9	56	1	3'-6	3'-11	3'-6	(8 Sets of 7)		
	TO 11'-2			TO 3'-8	TO 4'-0	TO 3'-8			
TC603	7'-0	28	1	0'-11	5'-4	0'-11	(4 Sets of 7)		
	TO 7'-2			TO 0'-11	TO 5'-6	TO 0'-11			
TC604	10'-9	20	1	3'-6	3'-11	3'-6	(4 Sets of 5)		
	TO 11'-0			TO 3'-7	TO 4'-0	TO 3'-7			
TC605	7'-0	10	1	0'-11	5'-4	0'-11	(2 Sets of 5)		
	TO 7'-2			TO 0'-11	TO 5'-6	TO 0'-11			
TC606	10'-9	12	1	3'-6	3'-11	3'-6	(4 Sets of 3)		
	TO 11'-0			TO 3'-7	TO 4'-0	TO 3'-7			
TC607	7'-0	6	1	0'-11	5'-4	0'-11	(2 Sets of 3)		
	TO 7'-1			TO 0'-11	TO 5'-5	TO 0'-11			
TC1400	40'-0	144	STR						
TC1401	9'-4	36	STR						
TC1402	8'-0	72	STR						
TB400	5'-4	36	1	0'-8	4'-2	0'-8			
TB600	10'-4	708	1	4'-0	2'-6	4'-0			
TB601	5'-6	6	1	2'-4	2'-6	2'-4			
TB602	7'-0	6	1	1'-7	2'-6	1'-7			
TB603	40'-0	12	STR						
TB604	23'-0	6	STR						
TB605	31'-0	6	STR						
TB1100	11'-10	6	STR						
TB1101	12'-3	6	2	4'-4	8'-1	1'-0			
TB1102	13'-4	6	STR						
TB1103	13'-9	6	2	4'-4	9'-7	1'-0			
TB1400	61'-0	10	STR						
TB1401	22'-10	8	STR						
TB1402	22'-2	8	STR						
TB1403	29'-0	6	STR						
TB1404	45'-0	10	STR						
TB1405	69'-0	10	STR						
TB1406	25'-10	8	STR						
TB1407	24'-3	8	STR						
TB1408	32'-9	6	STR						
TB1409	50'-0	10	STR						

DESIGN — [illegible]
TRACE — [illegible]
CHECK — [illegible]

BRIDGE NO.
IN CHARGE OF — R. W. Christie

HARDESTY & HANOVER
CONSULTING ENGINEERS
NEW YORK, N. Y.

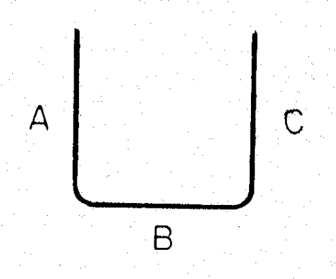
NEW HAMPSHIRE
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
AND
MAINE STATE HIGHWAY COMMISSION
INTERSTATE 95 BRIDGE
OVER
PISCATAQUA RIVER
BETWEEN
PORTSMOUTH, NEW HAMPSHIRE AND KITTERY, MAINE
NEW HAMPSHIRE APPROACH

BAR LISTS I

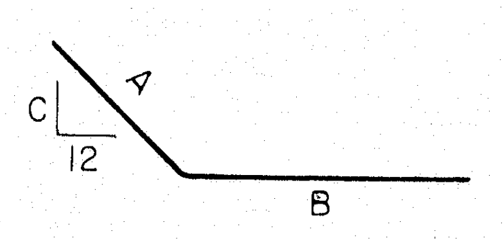
SHEET 55 OF 75

128-194

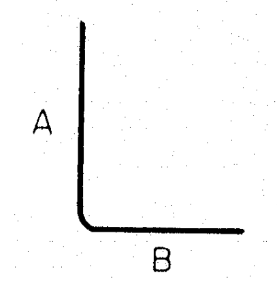
B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	1-95-1 (22)16	56	75



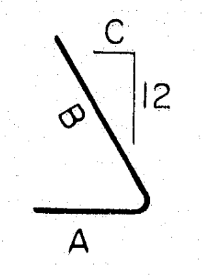
TYPE 1



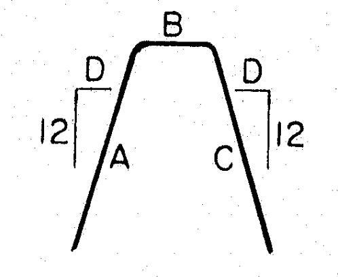
TYPE 2



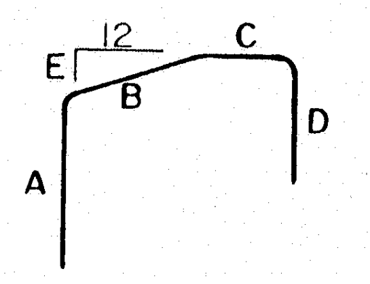
TYPE 3



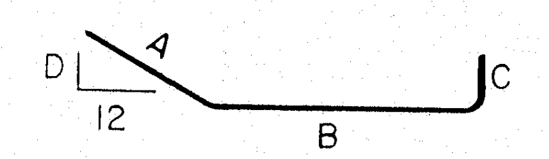
TYPE 4



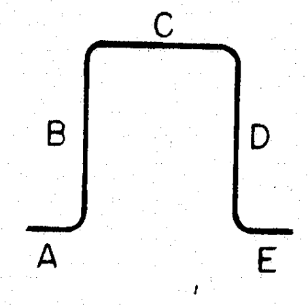
TYPE 5



TYPE 6



TYPE 7



TYPE 8

PIER 15S

MARK	LENGTH	NO. REQD	TYPE	DETAIL DIMENSIONS A	B	C	D	E	F
SF1000	13'-6	168	STR						
SF1400	12'-9	144	3	10'-3	3'-0				
SC600	9'-6 TO 10'-8	104	1	3'-2 TO 3'-6	3'-4 TO 3'-10	3'-2 TO 3'-6	(4	SETS OF	26)
SC601	6'-2 TO 6'-10	52	1	0'-11 TO 0'-11	4'-6 TO 5'-2	0'-11 TO 0'-11	(2	SETS OF	26)
SC602	9'-6 TO 10'-9	120	1	3'-2 TO 3'-6	3'-4 TO 3'-11	3'-2 TO 3'-6	(4	SETS OF	30)
SC603	6'-2 TO 7'-0	60	1	0'-11 TO 0'-11	4'-6 TO 5'-4	0'-11 TO 0'-11	(2	SETS OF	30)
SC604	9'-6 TO 10'-9	116	1	3'-2 TO 3'-6	3'-4 TO 3'-11	3'-2 TO 3'-6	(4	SETS OF	29)
SC605	6'-2 TO 7'-0	58	1	0'-11 TO 0'-11	4'-6 TO 5'-4	0'-11 TO 0'-11	(2	SETS OF	29)
SC606	9'-6 TO 10'-8	100	1	3'-2 TO 3'-6	3'-4 TO 3'-10	3'-2 TO 3'-6	(4	SETS OF	25)
SC607	6'-2 TO 6'-10	50	1	0'-11 TO 0'-11	4'-6 TO 5'-2	0'-11 TO 0'-11	(2	SETS OF	25)
SC1400	34'-5	36	STR						
SC1401	40'-0	36	STR						
SC1402	38'-4	36	STR						
SC1403	34'-0	36	STR						
SB400	5'-4	36	1	0'-8	4'-2	0'-8			
SB600	10'-4	702	1	4'-0	2'-6	4'-0			
SB601	7'-0	6	1	2'-4	2'-6	2'-4			
SB602	5'-6	6	1	1'-7	2'-6	1'-7			
SB603	40'-0	12	STR						
SB604	20'-9	6	STR						
SB605	28'-7	6	STR						
SB1100	11'-9	6	STR						
SB1101	12'-2	6	2	4'-4	8'-0	1'-0			
SB1102	13'-2	6	STR						
SB1103	13'-6	6	2	4'-4	9'-4	1'-0			
SB1400	58'-10	10	STR						
SB1401	22'-3	8	STR						
SB1402	21'-6	8	STR						
SB1403	27'-6	6	STR						
SB1404	43'-0	10	STR						
SB1405	66'-7	10	STR						
SB1406	25'-3	8	STR						
SB1407	24'-6	8	STR						
SB1408	31'-3	6	STR						
SB1409	48'-0	10	STR						

PIER 14S

MARK	LENGTH	NO. REQD	TYPE	DETAIL DIMENSIONS A	B	C	D	E	F
RF1000	19'-6	312	STR						
RF1400	11'-6	208	3	9'-0	3'-0				
RC600	9'-0 TO 9'-11	68	1	3'-1 TO 3'-4	3'-0 TO 3'-5	3'-1 TO 3'-4			
RC601	6'-2 TO 6'-6	34	1	0'-11 TO 0'-11	4'-6 TO 5'-0	0'-11 TO 0'-11			
RC602	9'-0 TO 9'-10	128	1	3'-1 TO 3'-4	3'-0 TO 3'-4	3'-1 TO 3'-4			
RC603	6'-2 TO 6'-7	64	1	0'-11 TO 0'-11	4'-6 TO 4'-11	0'-11 TO 0'-11			
RC604	9'-0 TO 10'-2	96	1	3'-1 TO 3'-5	3'-0 TO 3'-6	3'-1 TO 3'-5			
RC605	6'-2 TO 6'-10	48	1	0'-11 TO 0'-11	4'-6 TO 5'-2	0'-11 TO 0'-11			
RC1400	23'-9	28	STR						
RC1401	15'-3	16	STR						
RC1402	11'-3	8	STR						
RC1403	22'-9	28	STR						
RC1404	14'-9	16	STR						
RC1405	10'-9	8	STR						
RC1406	22'-6	28	STR						
RC1407	14'-3	16	STR						
RC1408	10'-6	8	STR						
RC1409	33'-3	28	STR						
RC1410	21'-6	16	STR						
RC1411	16'-0	8	STR						
RB400	5'-4	36	1	0'-8	4'-2	0'-8			
RB600	10'-0	654	1	3'-10	2'-6	3'-10			
RB601	7'-0	6	1	2'-4	2'-6	2'-4			
RB602	5'-6	6	1	1'-7	2'-6	1'-7			
RB603	40'-0	12	STR						
RB604	19'-0	6	STR						
RB605	24'-9	6	STR						
RB1100	10'-9	6	STR						
RB1101	10'-11	6	2	4'-0	7'-1	1'-0			
RB1102	12'-3	6	STR						
RB1103	12'-6	6	2	4'-0	8'-8	1'-0			
RB1400	57'-0	10	STR						
RB1401	21'-3	8	STR						
RB1402	20'-6	8	STR						
RB1403	27'-6	6	STR						
RB1404	43'-0	10	STR						
RB1405	62'-9	10	STR						
RB1406	23'-6	8	STR						
RB1407	22'-9	8	STR						
RB1408	20'-9	6	STR						
RB1409	46'-0	10	STR						

PIER 13S

MARK	LENGTH	NO. REQD	TYPE	DETAIL DIMENSIONS A	B	C	D	E	F
QF1000	13'-6	168	STR						
QF1400	11'-9	144	3	9'-3	3'-0				
QC600	9'-6 TO 10'-2	60	1	3'-2 TO 3'-4	3'-4 TO 3'-8	3'-2 TO 3'-4	(4	SETS OF	15)
QC601	6'-2 TO 6'-7	30	1	0'-11 TO 0'-11	4'-6 TO 4'-11	0'-11 TO 0'-11	(2	SETS OF	15)
QC602	9'-6 TO 10'-3	72	1	3'-2 TO 3'-4	3'-4 TO 3'-9	3'-2 TO 3'-4			
QC603	6'-2 TO 6'-8	36	1	0'-11 TO 0'-11	4'-6 TO 5'-0	0'-11 TO 0'-11			
QC604	9'-6 TO 10'-3	128	1	3'-2 TO 3'-4	3'-4 TO 3'-9	3'-2 TO 3'-4			
QC605	6'-2 TO 6'-7	64	1	0'-11 TO 0'-11	4'-6 TO 4'-11	0'-11 TO 0'-11			
QC1400	21'-6	36	STR						
QC1401	24'-3	36	STR						
QC1402	22'-9	36	STR						
QC1403	23'-0	36	STR						
QB400	5'-4	36	1	0'-8	4'-2	0'-8			
QB600	10'-0	648	1	3'-10	2'-6	3'-10			
QB601	7'-0	6	1	2'-4	2'-6	2'-4			
QB602	5'-6	6	1	1'-7	2'-6	1'-7			
QB603	40'-0	12	STR						
QB604	17'-9	6	STR						
QB605	21'-9	6	STR						
QB1100	10'-9	6	STR						
QB1101	11'-1	6	2	4'-0	7'-3	1'-0			
QB1102	11'-9	6	STR						
QB1103	12'-1	6	2	4'-0	8'-3	1'-0			
QB1400	55'-7	10	STR						
QB1401	20'-9	8	STR						
QB1402	20'-3	8	STR						
QB1403	26'-6	6	STR						
QB1404	42'-0	8	STR						
QB1405	59'-8	10	STR						
QB1406	22'-6	8	STR						
QB1407	21'-9	8	STR						
QB1408	28'-0	6	STR						
QB1409	44'-0	8	STR						

PIER 12S

MARK	LENGTH	NO. REQD	TYPE	DETAIL DIMENSIONS A	B	C	D	E	F
PF1000	13'-6	168	STR						
PF1400	12'-0	144	3	9'-6	3'-0				
PC600	9'-6 TO 10'-5	84	1	3'-2 TO 3'-5	3'-4 TO 3'-9	3'-2 TO 3'-5	(4	SETS OF	21)
PC601	6'-2 TO 6'-9	42	1	0'-11 TO 0'-11	4'-6 TO 5'-1	0'-11 TO 0'-11	(2	SETS OF	21)
PC602	9'-6 TO 10'-2	72	1	3'-2 TO 3'-4	3'-4 TO 3'-8	3'-2 TO 3'-4	(4	SETS OF	18)
PC603	6'-2 TO 6'-8	36	1	0'-11 TO 0'-11	4'-6 TO 5'-0	0'-11 TO 0'-11	(2	SETS OF	18)
PC604	9'-6 TO 9'-11	64	1	3'-2 TO 3'-3	3'-4 TO 3'-7	3'-2 TO 3'-3	(4	SETS OF	16)
PC605	6'-2 TO 6'-7	32	1	0'-11 TO 0'-11	4'-6 TO 4'-11	0'-11 TO 0'-11	(2	SETS OF	16)
PC606	9'-6 TO 9'-10	44	1	3'-2 TO 3'-3	3'-4 TO 3'-6	3'-2 TO 3'-3	(4	SETS OF	11)
PC607	6'-2 TO 6'-6	22	1	0'-11 TO 0'-11	4'-6 TO 4'-10	0'-11 TO 0'-11	(2	SETS OF	11)
PC1400	29'-0	36	STR						
PC1401	24'-6	36	STR						
PC1402	21'-9	36	STR						
PC1403	15'-9	36	STR						
PB400	5'-4	36	1	0'-8	4'-2	0'-8			
PB600	9'-6	636	1	3'-9	2'-6	3'-9			
PB601	7'-0	6	1	2'-4	2'-6	2'-4			
PB602	5'-6	6	1	1'-7	2'-6	1'-7			
PB603	40'-0	12	STR						
PB604	16'-4	6	STR						
PB605	19'-2	6	STR						
PB1100	10'-1	6	STR						
PB1101	10'-4	6	2	3'-8	6'-10	1'-0			
PB1102	12'-0	6	STR						
PB1103	12'-2	6	2	3'-8	8'-8	1'-0			
PB1400	54'-5	10	STR						
PB1401	20'-3	10	STR						
PB1402	19'-6	10	STR						
PB1403	26'-6	6	STR						
PB1404	42'-0	8	STR						
PB1405	57'-2	10	STR						
PB1406	21'-0	10	STR						
PB1407	21'-9	10	STR						
PB1408	26'-0	6	STR						
PB1409	41'-0	8	STR						

DESIGN — L. Vago
TRACE — M. Sauter
CHECK — J. McLellan

BRIDGE NO.
IN CHARGE OF — R.W. Christie

HARDESTY & HANOVER
CONSULTING ENGINEERS
NEW YORK, N. Y.

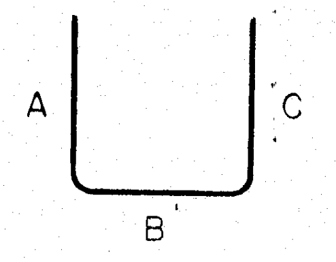
NEW HAMPSHIRE
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
AND
MAINE STATE HIGHWAY COMMISSION
INTERSTATE 95 BRIDGE
OVER
PISCATAQUA RIVER
BETWEEN
PORTSMOUTH, NEW HAMPSHIRE AND KITTERY, MAINE
NEW HAMPSHIRE APPROACH

BAR LISTS II

SHEET 56 OF 75

128-195

B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	1-95-1 (22)16	57	75



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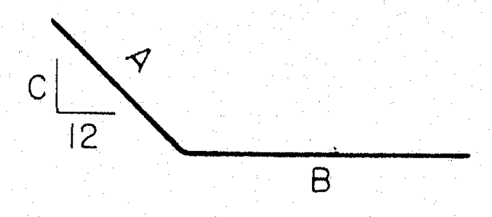

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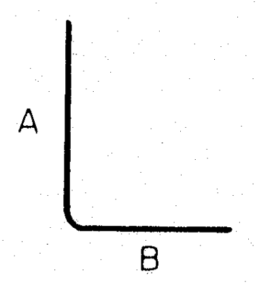
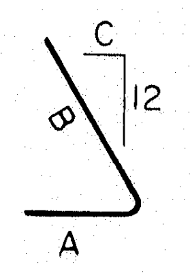
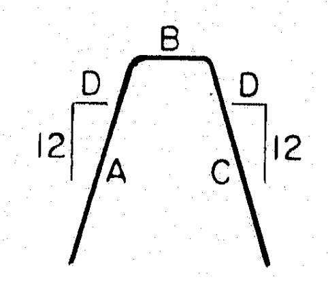


TYPE 3



TYPE 4



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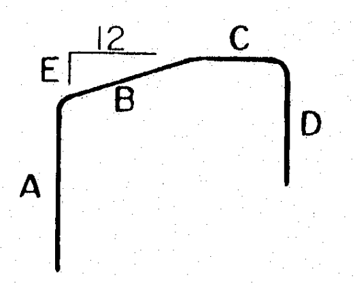
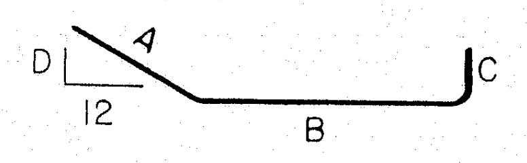
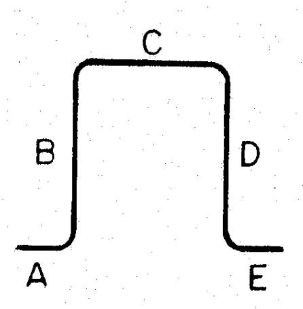


TYPE 6



TYPE 7



TYPE 8

PIER 11S

MARK	LENGTH	No. REQD	TYPE	DETAIL DIMENSIONS A	B	C	D	E	F
NF1000	19'-6	312	STR						
NF1400	11'-10	208	3	9'-4	3'-0				
NC600	9'-0 TO 10'-3	104	1	3'-1 TO 3'-5	3'-0 TO 3'-7	3'-1 TO 3'-5	(4 SETS OF 26)		
NC601	6'-2 TO 6'-11	52	1	0'-11 TO 0'-11	4'-6 TO 5'-3	0'-11 TO 0'-11	(2 SETS OF 26)		
NC602	9'-0 TO 10'-2	92	1	3'-1 TO 3'-5	3'-0 TO 3'-6	3'-1 TO 3'-5	(4 SETS OF 23)		
NC603	6'-2 TO 6'-10	46	1	0'-11 TO 0'-11	4'-6 TO 5'-2	0'-11 TO 0'-11	(2 SETS OF 23)		
NC604	9'-0 TO 10'-1	80	1	3'-1 TO 3'-4	3'-0 TO 3'-5	3'-1 TO 3'-4	(4 SETS OF 20)		
NC605	6'-2 TO 6'-9	40	1	0'-11 TO 0'-11	4'-6 TO 5'-1	0'-11 TO 0'-11	(2 SETS OF 20)		
NC606	9'-0 TO 10'-0	72	1	3'-1 TO 3'-5	3'-0 TO 3'-4	3'-1 TO 3'-5	(4 SETS OF 18)		
NC607	6'-2 TO 6'-8	36	1	0'-11 TO 0'-11	4'-6 TO 5'-0	0'-11 TO 0'-11	(2 SETS OF 18)		
NC1400	35'-6	28	STR						
NC1401	23'-0	16	STR						
NC1402	17'-0	8	STR						
NC1403	31'-0	28	STR						
NC1404	20'-0	16	STR						
NC1405	14'-9	8	STR						
NC1406	27'-9	28	STR						
NC1407	17'-9	16	STR						
NC1408	13'-3	8	STR						
NC1409	24'-6	28	STR						
NC1410	15'-6	16	STR						
NC1411	11'-6	8	STR						
NB400	5'-4	36	1	0'-8	4'-2	0'-8			
NB600	9'-6	624	1	3'-9	2'-6	3'-9			
NB601	7'-0	6	1	2'-4	2'-6	2'-4			
NB602	5'-6	6	1	1'-7	2'-6	1'-7			
NB603	40'-0	12	STR						
NB604	15'-6	6	STR						
NB605	17'-0	6	STR						
NB1100	10'-6	6	STR						
NB1101	10'-10	6	2	3'-8	7'-4	1'-0			
NB1102	10'-11	6	STR						
NB1103	11'-0	6	2	3'-8	7'-6	1'-0			
NB1400	53'-6	10	STR						
NB1401	20'-3	10	STR						
NB1402	19'-6	10	STR						
NB1403	25'-9	6	STR						
NB1404	40'-0	8	STR						
NB1405	55'-1	10	STR						
NB1406	20'-7	10	STR						
NB1407	20'-0	10	STR						
NB1408	26'-0	6	STR						
NB1409	41'-0	8	STR						

PIER 10S

MARK	LENGTH	No. REQD	TYPE	DETAIL DIMENSIONS A	B	C	D	E	F
MF1000	13'-6	168	STR						
MF1400	11'-11	144	3	9'-5	3'-0				
MC600	9'-6 TO 10'-8	108	1	3'-2 TO 3'-6	3'-4 TO 3'-10	3'-2 TO 3'-6	(4 SETS OF 27)		
MC601	6'-2 TO 6'-11	54	1	0'-11 TO 0'-11	4'-6 TO 5'-3	0'-11 TO 0'-11	(2 SETS OF 27)		
MC602	9'-6 TO 10'-5	100	1	3'-2 TO 3'-6	3'-4 TO 3'-9	3'-2 TO 3'-6	(4 SETS OF 25)		
MC603	6'-2 TO 6'-10	50	1	0'-11 TO 0'-11	4'-6 TO 5'-2	0'-11 TO 0'-11	(2 SETS OF 25)		
MC604	9'-6 TO 10'-6	96	1	3'-2 TO 3'-6	3'-4 TO 3'-8	3'-2 TO 3'-6	(4 SETS OF 24)		
MC605	6'-2 TO 6'-10	48	1	0'-11 TO 0'-11	4'-6 TO 5'-2	0'-11 TO 0'-11	(2 SETS OF 24)		
MC606	9'-6 TO 11'-5	88	1	3'-2 TO 3'-5	3'-4 TO 3'-9	3'-2 TO 3'-5	(4 SETS OF 22)		
MC607	6'-2 TO 6'-9	44	1	0'-11 TO 0'-11	4'-6 TO 5'-1	0'-11 TO 0'-11	(2 SETS OF 22)		
MC1400	36'-9	36	STR						
MC1401	33'-3	36	STR						
MC1402	32'-0	36	STR						
MC1403	29'-9	36	STR						
MB400	5'-4	18	1	0'-8	4'-2	0'-8			
MB600	9'-6	612	1	3'-9	2'-6	3'-9			
MB601	7'-0	6	1	2'-4	2'-6	2'-4			
MB602	5'-6	6	1	1'-7	2'-6	1'-7			
MB603	40'-0	12	STR						
MB604	15'-6	12	STR						
MB1100	10'-7	12	STR						
MB1101	10'-9	12	2	3'-8	7'-3	1'-0			
MB1400	52'-8	10	STR						
MB1401	20'-4	20	STR						
MB1402	19'-4	20	STR						
MB1403	25'-9	12	STR						
MB1404	40'-0	12	STR						
MB1405	53'-6	10	STR						
[illegible]	[illegible]	[illegible]	[illegible]						

PIER 9S

MARK	LENGTH	No. REQD	TYPE	DETAIL DIMENSIONS A	B	C	D	E	F
LF1000	13'-6	168	STR						
LF1400	12'-0	108	3	9'-6	3'-0				
LF1401	16'-2	36	3	13'-4	3'-0				
LC600	9'-6 TO 10'-9	480	1	3'-2 TO 3'-6	3'-4 TO 3'-11	3'-2 TO 3'-6	(16 SETS OF 30)		
LC601	6'-2 TO 7'-0	240	1	0'-11 TO 0'-11	4'-6 TO 5'-4	0'-11 TO 0'-11	(8 SETS OF 30)		
LC602	10'-9 TO 11'-0	40	1	3'-6 TO 3'-7	3'-11 TO 4'-0	3'-6 TO 3'-7	(8 SETS OF 5)		
LC603	7'-0 TO 7'-2	20	1	0'-11 TO 0'-11	5'-4 TO 5'-6	0'-11 TO 0'-11	(4 SETS OF 5)		
LC604	10'-9 TO 11'-0	12	1	3'-6 TO 3'-7	3'-11 TO 4'-0	3'-6 TO 3'-7	(4 SETS OF 3)		
LC605	7'-0 TO 7'-1	6	1	0'-11 TO 0'-11	5'-4 TO 5'-5	0'-11 TO 0'-11	(2 SETS OF 3)		
LC1400	40'-0	144	STR						
LC1401	7'-4	36	STR						
LC1402	7'-0	36	STR						
LB400	5'-4	40	1	0'-8	4'-2	0'-8			
LB600	9'-6	480	1	3'-7	2'-6	3'-7			
LB601	7'-0	6	1	2'-4	2'-6	2'-4			
LB602	5'-6	6	1	1'-7	2'-6	1'-7			
LB603	40'-0	16	STR						
LB604	14'-5	16	STR						
LB1100	28'-0	40	STR						
LB1101	19'-9	16	STR						
LB1102	19'-0	16	STR						
LB1103	24'-6	8	STR						
LB1104	39'-0	20	STR						
LB1105	10'-7	12	STR						
LB1106	10'-8	12	2	3'-4	7'-6	1'-0			

PIER 8S

MARK	LENGTH	No. REQD	TYPE	DETAIL DIMENSIONS A	B	C	D	E	F
KF1000	16'-6	208	STR						
KF1400	11'-11	144	3	9'-5	3'-0				
KC600	9'-6 TO 10'-9	480	1	3'-2 TO 3'-6	3'-4 TO 3'-11	3'-2 TO 3'-6	(16 SETS OF 30)		
KC601	6'-2 TO 7'-0	240	1	0'-11 TO 0'-11	4'-6 TO 5'-4	0'-11 TO 0'-11	(8 SETS OF 30)		
KC602	10'-9 TO 11'-3	40	1	3'-6 TO 3'-8	3'-11 TO 4'-1	3'-6 TO 3'-8	(4 SETS OF 10)		
KC603	7'-0 TO 7'-3	20	1	0'-11 TO 0'-11	5'-4 TO 5'-7	0'-11 TO 0'-11	(2 SETS OF 10)		
KC604	10'-9 TO 11'-2	32	1	3'-6 TO 3'-8	3'-11 TO 4'-0	3'-6 TO 3'-8	(4 SETS OF 8)		
KC605	7'-0 TO 7'-2	16	1	0'-11 TO 0'-11	5'-4 TO 5'-6	0'-11 TO 0'-11	(2 SETS OF 8)		
KC606	10'-9 TO 11'-2	28	1	3'-6 TO 3'-8	3'-11 TO 4'-0	3'-6 TO 3'-8	(4 SETS OF 7)		
KC607	7'-0 TO 7'-2	14	1	0'-11 TO 0'-11	5'-4 TO 5'-6	0'-11 TO 0'-11	(2 SETS OF 7)		
KC608	10'-9 TO 11'-2	24	1	3'-6 TO 3'-8	3'-11 TO 4'-0	3'-6 TO 3'-8	(4 SETS OF 6)		
KC609	7'-0 TO 7'-2	12	1	0'-11 TO 0'-11	5'-4 TO 5'-6	0'-11 TO 0'-11	(2 SETS OF 6)		
KC1400	40'-0	144	STR						
KC1401	13'-3	36	STR						
KC1402	12'-0	36	STR						
KC1403	9'-3	36	STR						
KC1404	8'-0	36	STR						
KB400	5'-4	40	1	0'-8	4'-2	0'-8			
KB600	9'-6	480	1	3'-7	2'-6	3'-7			
KB601	7'-0	6	1	2'-4	2'-6	2'-4			
KB602	5'-6	6	1	1'-7	2'-6	1'-7			
KB603	40'-0	16	STR						
KB604	13'-6	16	STR						
KB1100	27'-6	40	STR						
KB1101	19'-6	16	STR						
KB1102	18'-6	16	STR						
KB1103	24'-6	8	STR						
KB1104	39'-0	20	STR						
KB1105	10'-3	12	STR						
KB1106	10'-4	12	2	3'-4	7'-2	1'-0			

HARDESTY & HANOVER
CONSULTING ENGINEERS
NEW YORK, N.Y.

DESIGN — L. Vega
TRACE — M. Bleuler
CHECK — J. M. Fedane

BRIDGE NO.
IN CHARGE OF — R. W. Christie

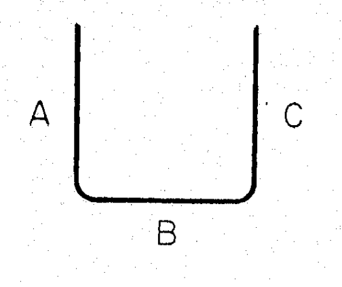
NEW HAMPSHIRE
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
AND
MAINE STATE HIGHWAY COMMISSION
INTERSTATE 95 BRIDGE
OVER
PISCATAQUA RIVER
BETWEEN
PORTSMOUTH, NEW HAMPSHIRE AND KITTERY, MAINE
NEW HAMPSHIRE APPROACH

BAR LISTS III

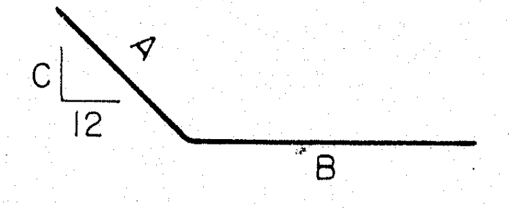
SHEET 57 OF 75

128-196

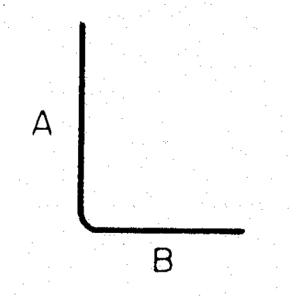
B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	1—95—1 (22)16	58	75



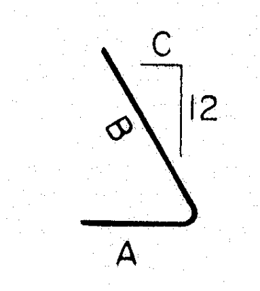
TYPE 1



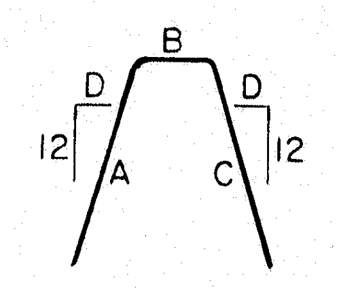
TYPE 2



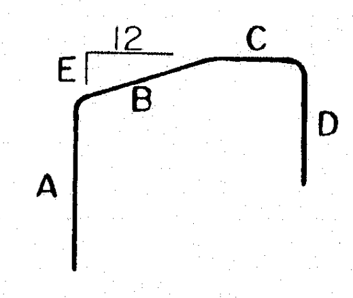
TYPE 3



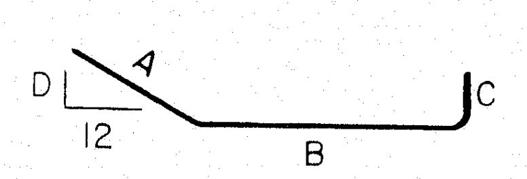
TYPE 4



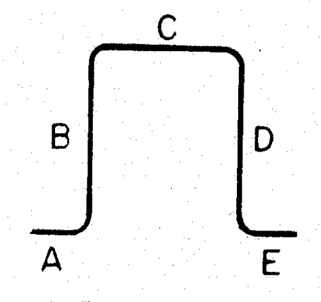
TYPE 5



TYPE 6



TYPE 7



TYPE 8

PIER 7S

MARK	LENGTH	NO. REQD	TYPE	DETAIL DIMENSIONS					
				A	B	C	D	E	F
JF1000	19'-6	312	STR						
JF1400	13'-11	192	3	11'-5	3'-0				
JC600	9'-7 TO 11'-6	480	1	3'-2 TO 3'-6	3'-5 TO 4'-8	3'-2 TO 3'-6	(16 SETS OF 30)		
JC601	6'-2 TO 7'-0	240	1	0'-11 TO 0'-11	4'-6 TO 5'-4	0'-11 TO 0'-11	(8 SETS FO 30)		
JC602	11'-6 TO 12'-2	80	1	3'-6 TO 3'-8	4'-8 TO 4'-11	3'-6 TO 3'-8	(8 SETS OF 10)		
JC603	7'-0 TO 7'-3	40	1	0'-11 TO 0'-11	5'-4 TO 5'-7	0'-11 TO 0'-11	(4 SETS OF 10)		
JC604	11'-6 TO 12'-1	36	1	3'-6 TO 3'-8	4'-8 TO 4'-11	3'-6 TO 3'-8	(4 SETS OF 9)		
JC605	7'-0 TO 7'-3	18	1	0'-11 TO 0'-11	5'-4 TO 5'-7	0'-11 TO 0'-11	(2 SETS OF 9)		
JC606	11'-6 TO 12'-0	24	1	3'-6 TO 3'-8	4'-8 TO 4'-10	3'-6 TO 3'-8	(4 SETS OF 6)		
JC607	7'-0 TO 7'-2	12	1	0'-11 TO 0'-11	5'-4 TO 5'-6	0'-11 TO 0'-11	(2 SETS OF 6)		
JC1400	40'-0	96	STR						
JC1401	14'-0	24	STR						
JC1402	35'-6	16	STR						
JC1403	26'-5	8	STR						
JC1404	12'-9	24	STR						
JC1405	34'-0	16	STR						
JC1406	25'-9	8	STR						
JC1407	12'-0	24	STR						
JC1408	34'-2	16	STR						
JC1409	25'-6	8	STR						
JC1410	8'-3	24	STR						
JC1411	31'-8	16	STR						
JC1412	23'-6	8	STR						
JB400	5'-4	40	1	0'-8	4'-2	0'-8			
JB600	9'-6	480	1	3'-7	2'-6	3'-7			
JB601	7'-0	6	1	2'-4	2'-6	2'-4			
JB602	5'-6	6	1	1'-7	2'-6	1'-7			
JB603	40'-0	16	STR						
JB604	13'-6	16	STR						
JB1100	27'-6	16	STR						
JB1101	19'-6	16	STR						
JB1102	18'-6	16	STR						
JB1103	24'-6	8	STR						
JB1104	39'-0	20	STR						
JB1105	10'-1	12	STR						
JB1106	10'-2	12	2	3'-4	7'-0	1'-0			

PIER 6S

MARK	LENGTH	NO. REQD	TYPE	DETAIL DIMENSIONS					
				A	B	C	D	E	F
HF1000	18'-6	304	STR						
HF1400	11'-11	144	3	9'-5	3'-0				
HC600	9'-6 TO 10'-9	480	1	3'-2 TO 3'-6	3'-4 TO 3'-11	3'-2 TO 3'-6			
HC601	6'-2 TO 7'-0	240	1	0'-11 TO 0'-11	4'-6 TO 5'-4	0'-11 TO 0'-11			
HC602	10'-9 TO 11'-4	156	1	3'-6 TO 3'-8	3'-11 TO 4'-2	3'-6 TO 3'-8			
HC603	7'-0 TO 7'-5	78	1	0'-11 TO 0'-11	5'-4 TO 5'-9	0'-11 TO 0'-11			
HC604	10'-9 TO 11'-2	40	1	3'-6 TO 3'-8	3'-11 TO 4'-0	3'-6 TO 3'-8			
HC605	7'-0 TO 7'-4	20	1	0'-11 TO 0'-11	5'-4 TO 5'-8	0'-11 TO 0'-11			
HC1400	40'-0	144	STR						
HC1401	18'-0	108	STR						
HC1402	14'-0	36	STR						
HB400	5'-4	40	1	0'-8	4'-2	0'-8			
HB600	9'-6	480	1	3'-7	2'-6	3'-7			
HB601	7'-0	6	1	2'-4	2'-6	2'-4			
HB602	5'-6	6	1	1'-7	2'-6	1'-7			
HB603	40'-0	16	STR						
HB604	13'-6	16	STR						
HB1100	27'-6	40	STR						
HB1101	19'-6	16	STR						
HB1102	18'-6	16	STR						
HB1103	24'-6	8	STR						
HB1104	39'-0	20	STR						
HB1105	10'-1	12	STR						
HB1106	10'-2	12	2	3'-4	7'-0	1'-0			

PIER 5S

MARK	LENGTH	NO. REQD	TYPE	DETAIL DIMENSIONS					
				A	B	C	D	E	F
GF1000	18'-6	304	STR						
GF1400	11'-11	144	3	9'-5	3'-0				
GC600	9'-6 TO 10'-9	480	1	3'-2 TO 3'-6	3'-4 TO 3'-11	3'-2 TO 3'-6	(16 SETS OF 30)		
GC601	6'-2 TO 7'-0	240	1	0'-11 TO 0'-11	4'-6 TO 5'-4	0'-11 TO 0'-11	(8 SETS OF 30)		
GC602	10'-9 TO 11'-7	64	1	3'-6 TO 3'-9	3'-11 TO 4'-3	3'-6 TO 3'-9	(4 SETS OF 16)		
GC603	7'-0 TO 7'-5	32	1	0'-11 TO 0'-11	5'-4 TO 5'-9	0'-11 TO 0'-11	(2 SETS OF 16)		
GC604	10'-9 TO 12'-0	72	1	3'-6 TO 3'-9	3'-11 TO 4'-8	3'-6 TO 3'-9	(4 SETS OF 18)		
GC605	7'-0 TO 7'-8	36	1	0'-11 TO 0'-11	5'-4 TO 5'-10	0'-11 TO 0'-11	(2 SETS OF 18)		
GC606	10'-9 TO 11'-11	68	1	3'-6 TO 3'-9	3'-11 TO 4'-7	3'-6 TO 3'-9	(4 SETS OF 17)		
GC607	7'-0 TO 7'-6	34	1	0'-11 TO 0'-11	5'-4 TO 5'-9	0'-11 TO 0'-11	(2 SETS OF 17)		
GC608	10'-9 TO 11'-6	56	1	3'-6 TO 3'-0	3'-11 TO 4'-2	3'-6 TO 3'-9	(4 SETS OF 14)		
GC609	7'-0 TO 7'-5	28	1	0'-11 TO 0'-11	5'-4 TO 5'-9	0'-11 TO 0'-11	(2 SETS OF 14)		
GC1400	40'-0	144	STR						
GC1401	21'-9	36	STR						
GC1402	23'-9	36	STR						
GC1403	22'-9	36	STR						
GC1404	19'-0	36	STR						
GB400	5'-4	40	1	0'-8	4'-2	0'-8			
GB600	9'-6	480	1	3'-7	2'-6	3'-7			
GB601	7'-0	6	1	2'-4	2'-6	1'-7			
GB602	5'-6	6	1	1'-7	2'-6	1'-7			
GB603	40'-0	16	STR						
GB604	13'-6	16	STR						
GB1100	27'-6	40	STR						
GB1101	19'-6	16	STR						
GB1102	18'-6	16	STR						
GB1103	24'-6	8	STR						
GB1104	39'-0	20	STR						
GB1105	10'-1	12	STR						
GB1106	10'-2	12	2	3'-4	7'-0	1'-0			

PIER 4S

MARK	LENGTH	NO. REQD	TYPE	DETAIL DIMENSIONS					
				A	B	C	D	E	F
FF1000	18'-6	304	STR						
FF1400	12'-0	144	3	9'-6	3'-0				
FC600	9'-6 TO 10'-9	480	1	3'-2 TO 3'-6	3'-4 TO 3'-11	3'-2 TO 3'-6	(16 SETS OF 30)		
FC601	6'-2 TO 7'-0	240	1	0'-11 TO 0'-11	4'-6 TO 5'-4	0'-11 TO 0'-11	(8 SETS OF 30)		
FC602	10'-9 TO 11'-7	76	1	3'-6 TO 3'-9	3'-11 TO 4'-3	3'-6 TO 3'-9	(4 SETS OF 19)		
FC603	7'-0 TO 7'-6	38	1	0'-11 TO 0'-11	5'-4 TO 5'-10	0'-11 TO 0'-11	(2 SETS OF 19)		
FC604	10'-9 TO 11'-8	160	1	3'-6 TO 3'-9	3'-11 TO 4'-4	3'-6 TO 3'-9	(8 SETS OF 20)		
FC605	7'-0 TO 7'-7	80	1	0'-11 TO 0'-11	5'-4 TO 5'-11	0'-11 TO 0'-11	(4 SETS OF 20)		
FC606	10'-9 TO 11'-8	84	1	3'-6 TO 3'-9	3'-11 TO 4'-4	3'-6 TO 3'-9	(4 SETS OF 21)		
FC607	7'-0 TO 7'-7	42	1	0'-11 TO 0'-11	5'-4 TO 5'-11	0'-11 TO 0'-11	(2 SETS OF 21)		
FC1400	40'-0	144	STR						
FC1401	26'-0	36	STR						
FC1402	26'-8	72	STR						
FC1403	28'-6	36	STR						
FB400	5'-4	40	1	0'-8	4'-2	0'-8			
FB600	9'-6	480	1	3'-7	2'-6	3'-7			
FB601	7'-0	6	1	2'-4	2'-6	2'-4			
FB602	5'-6	6	1	1'-7	2'-6	1'-7			
FB603	40'-0	16	STR						
FB604	13'-6	16	STR						
FB1100	27'-6	40	STR						
FB1101	19'-6	16	STR						
FB1102	18'-6	16	STR						
FB1103	24'-6	8	STR						
FB1104	39'-0	20	STR						
FB1105	10'-1	12	STR						
FB1106	10'-2	12	2	3'-4	7'-0	1'-0			

HARDESTY & HANOVER
CONSULTING ENGINEERS
NEW YORK, N. Y.

DESIGN —
TRACE —
CHECK —

BRIDGE NO.
IN CHARGE OF — R. W. Christi

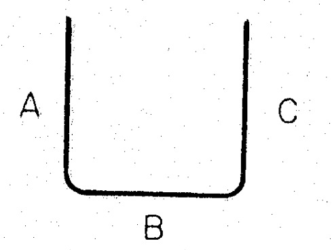
NEW HAMPSHIRE
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
AND
MAINE STATE HIGHWAY COMMISSION
INTERSTATE 95 BRIDGE
OVER
PISCATAQUA RIVER
BETWEEN
PORTSMOUTH, NEW HAMPSHIRE AND KITTERY, MAINE
NEW HAMPSHIRE APPROACH

BAR LISTS IV

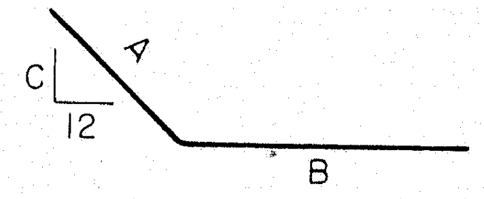
SHEET 58 OF 75

128-197

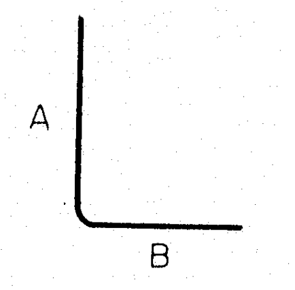
B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	1—95—1(22)16	59	75



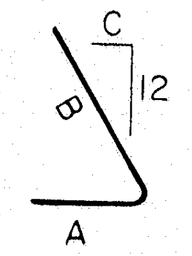
TYPE 1



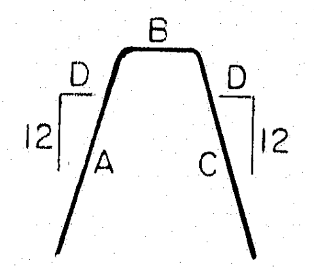
TYPE 2



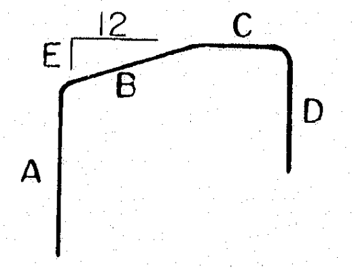
TYPE 3



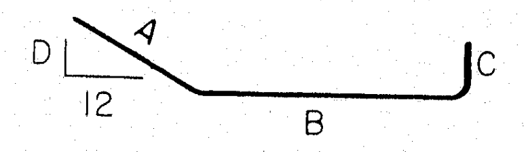
TYPE 4



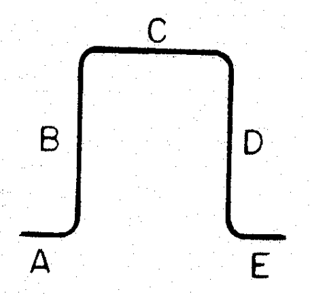
TYPE 5



TYPE 6



TYPE 7



TYPE 8

PIER 3S

MARK	LENGTH	No. REQD	TYPE	DETAIL DIMENSIONS A	B	C	D	E	F
EF1000	19'-6	312	STR						
EF1400	17'-2	192	3	14'-8	3'-0				
EC600	9'-7 TO 11'-6	480	1	3'-2 TO 3'-6	3'-5 TO 4'-8	3'-2 TO 3'-6	(16 SETS OF 30)		
EC601	6'-2 TO 7'-0	240	1	0'-11 TO 0'-11	4'-6 TO 5'-4	0'-11 TO 0'-11	(8 SETS OF 30)		
EC602	11'-6 TO 13'-3	104	1	3'-6 TO 4'-0	4'-8 TO 5'-5	3'-6 TO 4'-0	(4 SETS OF 26)		
EC603	7'-0 TO 7'-9	52	1	0'-11 TO 0'-11	5'-4 TO 6'-1	0'-11 TO 0'-11	(2 SETS OF 26)		
EC604	11'-6 TO 13'-2	116	1	3'-6 TO 4'-0	4'-8 TO 5'-4	3'-6 TO 4'-0	(4 SETS OF 25)		
EC605	7'-0 TO 7'-9	58	1	0'-11 TO 0'-11	5'-4 TO 6'-1	0'-11 TO 0'-11	(2 SETS OF 25)		
EC606	11'-6 TO 13'-1	112	1	3'-6 TO 4'-0	4'-8 TO 5'-3	3'-6 TO 4'-0	(4 SETS OF 24)		
EC607	7'-0 TO 7'-8	56	1	0'-11 TO 0'-11	5'-4 TO 6'-0	0'-11 TO 0'-11	(2 SETS OF 24)		
EC608	11'-6 TO 12'-8	92	1	3'-6 TO 4'-0	4'-8 TO 4'-10	3'-6 TO 4'-0	(4 SETS OF 23)		
EC609	7'-0 TO 7'-8	46	1	0'-11 TO 0'-11	5'-4 TO 6'-0	0'-11 TO 0'-11	(2 SETS OF 23)		
EC1400	40'-0	96	STR						
EC1401	32'-0	32	STR						
EC1402	22'-0	32	STR						
EC1403	35'-2	32	STR						
EC1404	26'-4	32	STR						
EC1405	34'-6	32	STR						
EC1406	26'-6	32	STR						
EC1407	27'-2	32	STR						
EC1408	20'-4	32	STR						
EB400	5'-4	40	1	0'-8	4'-2	0'-8			
EB600	9'-6	480	1	3'-7	2'-6	3'-7			
EB601	7'-0	6	1	2'-4	2'-6	2'-4			
EB602	5'-6	6	1	1'-7	2'-6	1'-7			
EB603	40'-0	16	STR						
EB604	13'-6	16	STR						
EB1100	27'-6	40	STR						
EB1101	19'-6	16	STR						
EB1102	18'-6	16	STR						
EB1103	24'-6	8	STR						
EB1104	39'-0	20	STR						
EB1105	10'-1	12	STR						
EB1106	10'-2	12	2	3'-4	7'-0	1'-0			

PIER 2S

MARK	LENGTH	No. REQD	TYPE	DETAIL DIMENSIONS A	B	C	D	E	F
DF1000	19'-6	312	STR						
DF1400	15'-8	192	3	13'-2	3'-0				
DC600	9'-7 TO 11'-6	480	1	3'-2 TO 3'-6	3'-5 TO 4'-8	3'-2 TO 3'-6	(16 SETS OF 30)		
DC601	6'-2 TO 7'-0	240	1	0'-11 TO 0'-11	4'-6 TO 5'-4	0'-11 TO 0'-11	(8 SETS OF 30)		
DC602	11'-6 TO 13'-3	124	1	3'-6 TO 4'-0	4'-8 TO 5'-5	3'-6 TO 4'-0	(4 SETS OF 31)		
DC603	7'-0 TO 7'-10	62	1	0'-11 TO 0'-11	5'-4 TO 6'-2	0'-11 TO 0'-11	(2 SETS OF 31)		
DC604	11'-6 TO 13'-2	116	1	3'-6 TO 4'-0	4'-8 TO 5'-4	3'-6 TO 4'-0	(4 SETS OF 29)		
DC605	7'-0 TO 7'-9	58	1	0'-11 TO 0'-11	5'-4 TO 6'-1	0'-11 TO 0'-11	(2 SETS OF 29)		
DC606	11'-6 TO 13'-1	108	1	3'-6 TO 4'-0	4'-8 TO 5'-3	3'-6 TO 4'-0	(4 SETS OF 27)		
DC607	7'-0 TO 7'-8	54	1	0'-11 TO 0'-11	5'-4 TO 6'-0	0'-11 TO 0'-11	(2 SETS OF 27)		
DC608	11'-6 TO 13'-1	104	1	3'-6 TO 4'-0	4'-8 TO 5'-3	3'-6 TO 4'-0	(4 SETS OF 26)		
DC609	7'-0 TO 7'-8	52	1	0'-11 TO 0'-11	5'-4 TO 6'-0	0'-11 TO 0'-11	(2 SETS OF 26)		
DC1400	40'-0	96	STR						
DC1401	40'-0	32	STR						
DC1402	26'-3	32	STR						
DC1403	36'-9	32	STR						
DC1404	25'-2	32	STR						
DC1405	35'-0	24	STR						
DC1406	24'-8	32	STR						
DC1407	36'-0	8	STR						
DC1408	33'-9	24	STR						
DC1409	23'-10	32	STR						
DC1410	35'-4	8	STR						
DB400	5'-4	40	1	0'-8	4'-2	0'-8			
DB600	9'-6	480	1	3'-7	2'-6	3'-7			
DB601	7'-0	6	1	2'-4	2'-6	2'-4			
DB602	5'-6	6	1	1'-7	2'-6	1'-7			
DB603	40'-0	16	STR						
DB604	13'-6	16	STR						
DB1100	27'-6	40	STR						
DB1101	19'-6	16	STR						
DB1102	18'-6	16	STR						
DB1103	24'-6	8	STR						
DB1104	39'-0	20	STR						
DB1105	10'-2	12	STR						
DB1106	10'-2	12	2	3'-4	7'-0	1'-0			

PIER 1S

MARK	LENGTH	No. REQD	TYPE	DETAIL DIMENSIONS A	B	C	D	E	F
CF1000	18'-6	304	STR						
CF1400	12'-2	112	3	9'-8	3'-0				
CC600	9'-4 TO 11'-0	480	1	3'-2 3'-6	3'-2 4'-2	3'-2 3'-6	(16 SETS OF 30)		
CC601	6'-2 TO 7'-0	240	1	0'-11 TO 0'-11	4'-6 TO 5'-4	0'-11 TO 0'-11	(8 SETS OF 30)		
CC602	11'-0 TO 12'-9	148	1	3'-6 TO 4'-0	4'-2 TO 4'-11	3'-6 TO 4'-0	(4 SETS OF 37)		
CC603	7'-0 TO 8'-0	74	1	0'-11 TO 0'-11	5'-4 TO 6'-4	0'-11 TO 0'-11	(2 SETS OF 37)		
CC604	11'-0 TO 12'-8	120	1	3'-6 TO 4'-0	4'-2 TO 4'-10	3'-6 TO 4'-0	(4 SETS OF 30)		
CC605	7'-0 TO 7'-10	60	1	0'-11 TO 0'-11	5'-4 TO 6'-2	0'-11 TO 0'-11	(2 SETS OF 30)		
CC606	11'-0 TO 12'-3	108	1	3'-6 TO 3'-10	4'-2 TO 4'-9	3'-6 TO 3'-10	(4 SETS OF 27)		
CC607	7'-0 TO 7'-9	54	1	0'-11 TO 0'-11	5'-4 TO 6'-1	0'-11 TO 0'-11	(2 SETS OF 27)		
CC608	11'-0 TO 11'-10	96	1	3'-6 TO 3'-8	4'-2 TO 4'-8	3'-6 TO 3'-8	(4 SETS OF 24)		
CC609	7'-0 TO 7'-8	48	1	0'-11 TO 0'-11	5'-4 TO 6'-0	0'-11 TO 0'-11	(2 SETS OF 24)		
CC1400	40'-0	80	STR						
CC1401	24'-9	56	STR						
CC1402	40'-0	28	STR						
CC1403	35'-7	20	STR						
CC1404	37'-3	8	STR						
CC1405	31'-6	20	STR						
CC1406	35'-3	8	STR						
CB400	5'-4	40	1	0'-8	4'-2	0'-8			
CB600	9'-6	480	1	3'-7	2'-6	3'-7			
CB601	7'-0	6	1	2'-4	2'-6	2'-4			
CB602	5'-6	6	1	1'-7	2'-6	1'-7			
CB603	40'-0	16	STR						
CB604	13'-6	16	STR						
CB1100	27'-6	40	STR						
CB1101	19'-6	16	STR						
CB1102	18'-6	16	STR						
CB1103	24'-6	8	STR						
CB1104	39'-0	20	STR						
CB1105	10'-0	12	STR						
CB1106	10'-2	12	2	3'-4	7'-0	1'-0			

DESIGN — L. Vasy
TRACE — M Du la
CHECK — J. McFadden

BRIDGE NO.
IN CHARGE OF — R.W. Christie

HARDESTY & HANOVER
CONSULTING ENGINEERS
NEW YORK, N. Y.

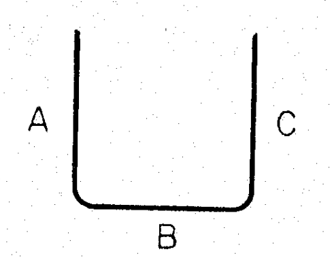
NEW HAMPSHIRE
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
AND
MAINE STATE HIGHWAY COMMISSION
INTERSTATE 95 BRIDGE
OVER
PISCATAQUA RIVER
BETWEEN
PORTSMOUTH, NEW HAMPSHIRE AND KITTERY, MAINE
NEW HAMPSHIRE APPROACH

BAR LISTS V

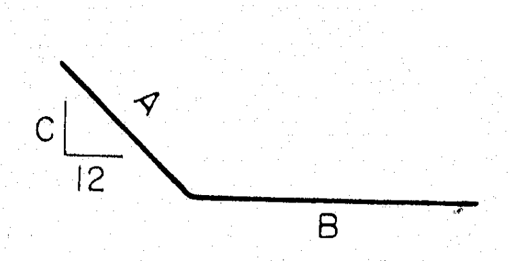
SHEET 59 OF 75

128-198

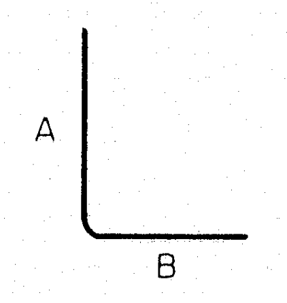
B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	1—95—1 (22)16	60	75



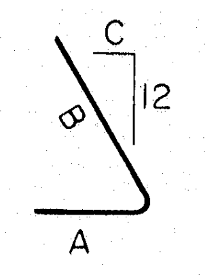
TYPE 1



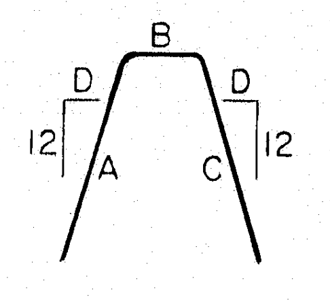
TYPE 2



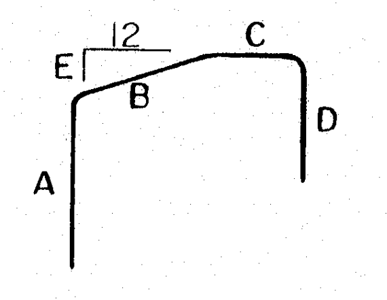
TYPE 3



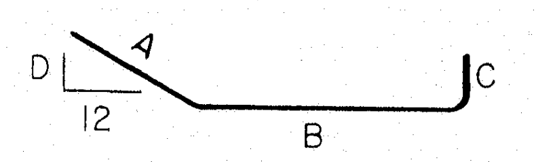
TYPE 4



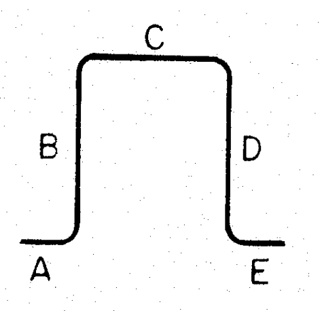
TYPE 5



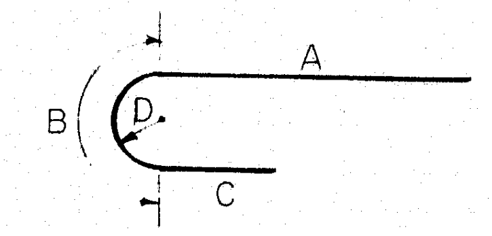
TYPE 6



TYPE 7



TYPE 8



TYPE 9

SOUTH ANCHOR PIER

Mark	Length	No. Reqd	Type	Detail Dimensions					
				A	B	C	D	E	F
BF601	17'-0	44	1	5'-6	6'-2	5'-6			
BF602	10'-11	22	1	1'-0	9'-1	1'-0			
BF801	11'-9	54	1	1'-6	8'-11	1'-6			
BF802	10'-9	54	1	1'-6	7'-11	1'-6			
BF803	12'-0	64	1	1'-6	9'-2	1'-6			
BF804	11'-0	80	1	1'-6	8'-2	1'-6			
BF805	26'-4	72	STR						
BF806	26'-3	16	STR						
BF807	31'-3	8	STR						
BF808	39'-3	8	STR						
BF901	31'-4	27	STR						
BF902	39'-4	36	STR						
BF1101	31'-4	36	STR						
BF1102	26'-4	72	STR						
BF1103	39'-4	54	STR						
BF1401	14'-6	60	3	12'-5	2'-3				
BF1402	15'-6	60	3	13'-5	2'-3				
BC601	16'-0	276	1	5'-6	5'-2	5'-6	(4 Sets of 69)		
	TO 17'-0				TO 6'-2				
BC602	9'-5	138	1	1'-0	7'-7	1'-0	(2 Sets of 69)		
	TO 10'-11				TO 9'-1				
BC603	16'-0	208	1	5'-6	5'-2	5'-6	(4 Sets of 52)		
	TO 16'-9				TO 5'-11				
BC604	9'-5	104	1	1'-0	7'-7	1'-0	(2 Sets of 52)		
	TO 10'-7				TO 8'-9				
BC801	10'-2	28	1	1'-6	7'-4	1'-6			
BC1401	64'-0	60	STR						
BC1402	47'-0	60	STR						

SOUTH MAIN PIER

Mark	Length	No. Reqd	Type	Detail Dimensions					
				A	B	C	D	E	F
AF601	29'-2	20	1	9'-0	11'-4	9'-0			
AF602	17'-7	10	1	1'-0	15'-9	1'-0			
AF603	29'-6	20	1	9'-0	11'-8	9'-0			
AF604	18'-0	10	1	16'-2	1'-0				
AF801	10'-8	180	1	1'-6	7'-10	1'-6			
AF802	11'-0	180	1	1'-6	8'-2	1'-6			
AF803	44'-3	32	STR						
AF1401	44'-4	180	STR						
AF1801	44'-4	352	STR						
AF1802	15'-0	168	3	12'-5	2'-9				
AF1803	22'-6	168	3	19'-11	2'-9				
AC601	28'-5	292	1	9'-0	10'-7	9'-0	(4 Sets of 73)		
	TO 29'-6				TO 11'-8				
AC602	16'-5	146	1	1'-0	14'-7	1'-0	(2 Sets of 73)		
	TO 18'-0				TO 16'-2				
AC603	28'-5	220	1	9'-0	10'-7	9'-0	(4 Sets of 55)		
	TO 29'-2				TO 11'-4				
AC604	16'-5	110	1	1'-0	14'-7	1'-0	(2 Sets of 55)		
	TO 17'-7				TO 15'-9				
AC801	17'-2	52	1	1'-6	14'-4	1'-6			
AC1801	68'-0	84	STR						
AC1802	60'-6	42	STR						
AC1803	45'-6	42	STR						
AC1804	49'-6	84	STR						
AC1805	42'-0	84	STR						

NORTH MAIN PIER

Mark	Length	No. Reqd	Type	Detail Dimensions					
				A	B	C	D	E	F
AF751	36'-3	163	STR						
AF851	55'-9	111	STR						
AF852	8'-11	74	1	1'-6	6'-1	1'-6			
AF853	9'-1	326	1	1'-6	6'-3	1'-6			
AF854	36'-4	6	STR						
AF855	55'-6	18	STR						
AF1151	56'-3	111	STR						
AF1152	36'-3	163	STR						
AF1153	12'-1	238	3	10'-3	2'-0				
AF1451	56'-0	72	STR						
AF1452	36'-4	78	STR						
AF1851	33'-1	168	3	30'-6	2'-9				
AF1852	40'-4	168	3	38'-0	2'-6				
AP651	29'-5	112	1	9'-0	11'-7	9'-0	(8 Sets of 14)		
	TO 29'-8				TO 11'-10				
AP652	17'-10	56	1	1'-0	16'-0	1'-0	(4 Sets of 14)		
	TO 18'-5				TO 16'-7				
AP653	4'-6	228	9	2'-3	0'-9	1'-3	0'-6		
AP851	22'-4	98	STR						
AP852	21'-6	20	STR						
	TO 4'-0	20	STR						
AP853	66'-0	76	STR						
AP854	15'-10	76	2	2'-3	13'-9	12			
AP855	7'-10	38	3	4'-0	4'-0				
AP1151	14'-9	4	STR						
AP1152	7'-10	2	3	4'-0	4'-0				
AP1153	20'-10	238	3	19'-3	1'-9				
AP1852	65'-6	88	STR				(8 Sets of 11)		
	TO 75'-0								
AP1853	76'-0	4	STR						
AC651	28'-5	528	1	9'-0	10'-7	9'-0	(8 Sets of 66)		
	TO 29'-5				TO 11'-7				
AC652	16'-5	264	1	1'-0	14'-7	1'-0	(4 Sets of 66)		
	TO 17'-10				TO 16'-0				
AC851	17'-2	52	1	1'-6	14'-4	1'-6			
AC1851	60'-10	168	STR						
AC1852	53'-4	84	STR						
AC1853	38'-0	84	STR						

NORTH ANCHOR PIER

Mark	Length	No. Reqd	Type	Detail Dimensions					
				A	B	C	D	E	F
BF651	16'-11	40	1	5'-6	6'-1	5'-6			
BF652	10'-10	20	1	1'-0	9'-0	1'-0			
BF851	10'-9	108	1	1'-6	7'-11	1'-6			
BF852	11'-0	144	1	1'-6	8'-2	1'-6			
BF853	26'-3	16	STR						
BF854	35'-3	8	STR						
BF855	37'-3	8	STR						
BF856	26'-4	74	STR						
BF951	35'-4	27	STR						
BF952	37'-4	27	STR						
BF1151	35'-4	53	STR						
BF1152	26'-4	73	STR						
BF1153	37'-4	53	STR						
BF1451	14'-6	120	3	12'-5	2'-3				
BC651	16'-0	268	1	5'-6	5'-2	5'-6	(4 Sets of 67)		
	TO 16'-11				TO 6'-1				
BC652	9'-5	134	1	1'-0	7'-7	1'-0	(2 Sets of 67)		
	TO 10'-10				TO 9'-0				
BC653	16'-0	256	1	5'-6	5'-2	5'-6	(4 Sets of 64)		
	TO 16'-10				TO 6'-0				
BC654	9'-6	128	1	1'-0	7'-8	1'-0	(2 Sets of 64)		
	TO 10'-9				TO 8'-11				
BC851	10'-2	28	1	1'-6	7'-4	1'-6			
BC1451	61'-9	60	STR						
BC1452	58'-9	60	STR						

DESIGN — L. Page
TRACE — M. Butler
CHECK — J. M. Ledoux

BRIDGE NO.
IN CHARGE OF — R. W. Christie

HARDESTY & HANOVER
CONSULTING ENGINEERS
NEW YORK, N. Y.

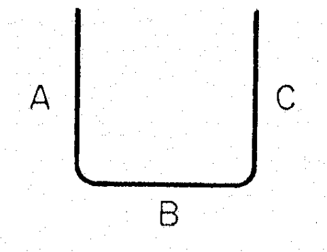
NEW HAMPSHIRE
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
AND
MAINE STATE HIGHWAY COMMISSION
INTERSTATE 95 BRIDGE
OVER
PISCATAQUA RIVER
BETWEEN
PORTSMOUTH, NEW HAMPSHIRE AND KITTERY, MAINE
RIVER BRIDGE

BAR LISTS I

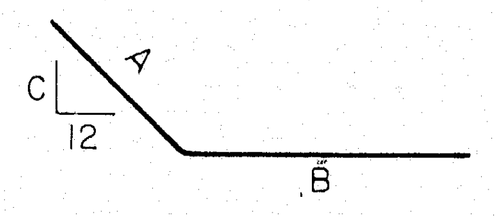
SHEET 60 OF 75

128-199

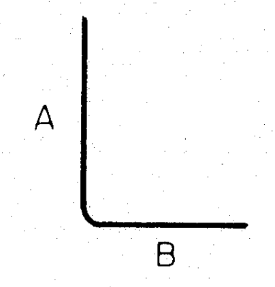
B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	1—95—1 (22)16	61	75



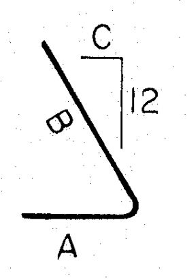
TYPE 1



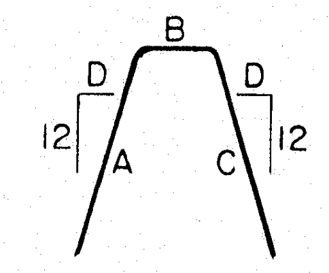
TYPE 2



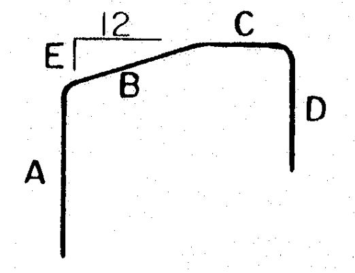
TYPE 3



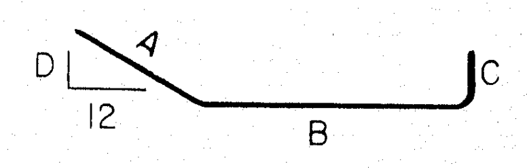
TYPE 4



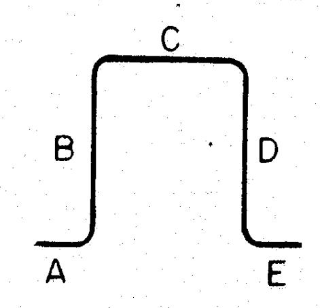
TYPE 5



TYPE 6



TYPE 7



TYPE 8

PIER 1N

MARK	LENGTH	No. REQD	TYPE	DETAIL DIMENSIONS A	B	C	D	E	F
CF950	16'-6	200	STR						
CF1450	12'-2	112	3	9'-4	3'-0				
CC650	9'-4 TO 11'-0	480	1	3'-2 TO 3'-6	3'-2 TO 4'-2	3'-2 TO 3'-6	(16 SETS OF 30)		
CC651	6'-2 TO 7'-0	240	1	0'-11 TO 0'-11	4'-6 TO 5'-4	0'-11 TO 0'-11	(8 SETS OF 30)		
CC652	11'-0 TO 12'-8	120	1	3'-6 TO 4'-0	4'-2 TO 4'-10	3'-6 TO 4'-0	(4 SETS OF 30)		
CC653	7'-0 TO 7'-10	60	1	0'-11 TO 0'-11	5'-4 TO 6'-2	0'-11 TO 0'-11	(2 SETS OF 30)		
CC654	11'-0 TO 12'-8	116	1	3'-6 TO 4'-0	4'-2 TO 4'-10	3'-6 TO 4'-0	(4 SETS OF 29)		
CC655	7'-0 TO 7'-10	58	1	0'-11 TO 0'-11	5'-4 TO 6'-2	0'-11 TO 0'-11	(2 SETS OF 29)		
CC656	11'-0 TO 12'-5	216	1	3'-6 TO 3'-11	4'-2 TO 4'-9	3'-6 TO 3'-11	(8 SETS OF 27)		
CC657	7'-0 TO 7'-9	108	1	0'-11 TO 0'-11	5'-4 TO 6'-1	0'-11 TO 0'-11	(4 SETS OF 27)		
CC1450	40'-0	80	STR						
CC1451	40'-0	28	STR						
CC1452	38'-0	28	STR						
CC1453	36'-0	56	STR						
CB450	5'-4	36	1	0'-8	4'-2	0'-8			
CB650	9'-0	448	1	3'-4	2'-6	3'-4			
CB651	7'-6	4	1	2'-7	2'-6	2'-7			
CB652	5'-6	4	1	1'-7	2'-6	1'-7			
CB653	40'-0	12	STR						
CB654	13'-4	12	STR						
CB1050	27'-6	40	STR						
CB1051	15'-4	20	STR						
CB1052	16'-0	20	STR						
CB1053	21'-0	20	STR						
CB1054	38'-0	24	STR						
CB1055	10'-0	12	STR						
CB1056	10'-1	12	2	2'-8	7'-6	1'-0			

PIER 2N

MARK	LENGTH	No. REQD	TYPE	DETAIL DIMENSIONS A	B	C	D	E	F
DF950	19'-6	288	STR						
DF1450	12'-0	112	3	9'-2	3'-0				
DC650	9'-4 TO 11'-0	480	1	3'-2 TO 3'-6	3'-2 TO 4'-2	3'-2 TO 3'-6	(16 SETS OF 30)		
DC651	6'-2 TO 7'-0	240	1	0'-11 TO 0'-11	4'-6 TO 5'-4	0'-11 TO 0'-11	(8 SETS OF 30)		
DC652	11'-0 TO 12'-2	300	1	3'-6 TO 3'-10	4'-2 TO 4'-8	3'-6 TO 3'-10	(12 SETS OF 25)		
DC653	7'-0 TO 7'-8	150	1	0'-11 TO 0'-11	5'-4 TO 6'-0	0'-11 TO 0'-11	(6 SETS OF 25)		
DC654	11'-0 TO 12'-2	96	1	3'-6 TO 3'-10	4'-2 TO 4'-8	3'-6 TO 3'-10	(4 SETS OF 24)		
DC655	7'-0 TO 7'-8	48	1	0'-11 TO 0'-11	5'-4 TO 6'-0	0'-11 TO 0'-11	(2 SETS OF 24)		
DC1450	40'-0	80	STR						
DC1451	31'-6	24	STR						
DC1452	33'-0	72	STR						
DC1453	35'-6	4	STR						
DC1454	36'-3	12	STR						
DB450	5'-4	36	1	0'-8	4'-2	0'-8			
DB650	9'-0	448	1	3'-4	2'-6	3'-4			
DB651	7'-6	4	1	2'-7	2'-6	2'-7			
DB652	5'-6	4	1	1'-7	2'-6	1'-7			
DB653	40'-0	12	STR						
DB654	13'-4	12	STR						
DB1050	27'-6	40	STR						
DB1051	15'-4	20	STR						
DB1052	16'-0	20	STR						
DB1053	21'-0	20	STR						
DB1054	38'-0	24	STR						
DB1055	10'-0	12	STR						
DB1056	10'-1	12	2	2'-8	7'-6	1'-0			

PIER 3N

MARK	LENGTH	No. REQD	TYPE	DETAIL DIMENSIONS A	B	C	D	E	F
EF950	19'-6	288	STR						
EF1450	11'-10	104	3	9'-0	3'-0				
EC650	9'-4 TO 11'-0	480	1	3'-2 TO 3'-6	3'-2 TO 4'-2	3'-2 TO 3'-6	(16 SETS OF 30)		
EC651	6'-2 TO 7'-0	240	1	0'-11 TO 0'-11	4'-6 TO 5'-4	0'-11 TO 0'-11	(8 SETS OF 30)		
EC652	11'-0 TO 12'-0	88	1	3'-6 TO 3'-9	4'-2 TO 4'-8	3'-6 TO 3'-9	(4 SETS OF 22)		
EC653	7'-0 TO 7'-7	44	1	0'-11 TO 0'-11	5'-4 TO 5'-11	0'-11 TO 0'-11	(2 SETS OF 22)		
EC654	11'-0 TO 12'-0	176	1	3'-6 TO 3'-9	4'-2 TO 4'-8	3'-6 TO 3'-9	(8 SETS OF 22)		
EC655	7'-0 TO 7'-7	88	1	0'-11 TO 0'-11	5'-4 TO 5'-11	0'-11 TO 0'-11	(4 SETS OF 22)		
EC656	11'-0 TO 12'-0	84	1	3'-6 TO 3'-9	4'-2 TO 4'-8	3'-6 TO 3'-9	(4 SETS OF 21)		
EC657	7'-0 TO 7'-7	42	1	0'-11 TO 0'-11	5'-4 TO 5'-11	0'-11 TO 0'-11	(2 SETS OF 21)		
EC1150	40'-0	16	STR						
EC1450	40'-0	72	STR						
EC1451	29'-0	22	STR						
EC1452	29'-6	44	STR						
EC1453	28'-0	22	STR						
EC1454	34'-6	4	STR						
EC1455	34'-9	8	STR						
EC1456	34'-0	4	STR						
EB450	5'-4	36	1	0'-8	4'-2	0'-8			
EB650	9'-0	448	1	3'-4	2'-6	3'-4			
EB651	7'-6	4	1	2'-7	2'-6	2'-7			
EB652	5'-6	4	1	1'-7	2'-6	1'-7			
EB653	40'-0	12	STR						
EB654	13'-4	12	STR						
EB1050	27'-6	40	STR						
EB1051	15'-4	20	STR						
EB1052	16'-0	20	STR						
EB1053	21'-0	20	STR						
EB1054	38'-0	24	STR						
EB1055	10'-0	12	STR						
EB1056	10'-1	12	2	2'-8	7'-6	1'-0			

PIER 4N

MARK	LENGTH	No. REQD	TYPE	DETAIL DIMENSIONS A	B	C	D	E	F
FF950	14'-6	204	STR						
FF1450	12'-0	104	3	9'-2	3'-0				
FC650	9'-7 TO 10'-10	480	1	3'-2 TO 3'-6	3'-5 TO 4'-0	3'-2 TO 3'-6	(16 SETS OF 30)		
FC651	6'-2 TO 7'-0	240	1	0'-11 TO 0'-11	4'-6 TO 5'-4	0'-11 TO 0'-11	(8 SETS OF 30)		
FC652	10'-10 TO 11'-9	72	1	3'-6 TO 3'-9	4'-0 TO 4'-5	3'-6 TO 3'-9	(4 SETS OF 18)		
FC653	7'-0 TO 7'-7	36	1	0'-11 TO 0'-11	5'-4 TO 5'-11	0'-11 TO 0'-11	(2 SETS OF 18)		
FC654	10'-10 TO 11'-9	228	1	3'-6 TO 3'-9	4'-0 TO 4'-5	3'-6 TO 3'-9	(12 SETS OF 19)		
FC655	7'-0 TO 7'-7	114	1	0'-11 TO 0'-11	5'-4 TO 5'-11	0'-11 TO 0'-11	(6 SETS OF 19)		
FC1150	40'-0	16	STR						
FC1450	40'-0	72	STR						
FC1451	24'-6	26	STR						
FC1452	25'-0	52	STR						
FC1453	26'-0	26	STR						
FB450	5'-4	36	1	0'-8	4'-2	0'-8			
FB650	9'-0	448	1	3'-4	2'-6	3'-4			
FB651	7'-6	4	1	2'-7	2'-6	2'-7			
FB652	5'-6	4	1	1'-7	2'-6	1'-7			
FB653	40'-0	12	STR						
FB654	13'-4	12	STR						
FB1050	27'-6	40	STR						
FB1051	15'-4	20	STR						
FB1052	16'-0	20	STR						
FB1053	21'-0	20	STR						
FB1054	38'-0	24	STR						
FB1055	10'-0	12	STR						
FB1056	10'-1	12	2	2'-8	7'-6	1'-0			

DESIGN – L. V.
TRACE – M. Bent
CHECK – J. M[illegible]

BRIDGE NO.
IN CHARGE OF – R. W. Christie

NEW HAMPSHIRE
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
AND
MAINE STATE HIGHWAY COMMISSION
INTERSTATE 95 BRIDGE
OVER
PISCATAQUA RIVER
BETWEEN
PORTSMOUTH, NEW HAMPSHIRE AND KITTERY, MAINE
MAINE APPROACH

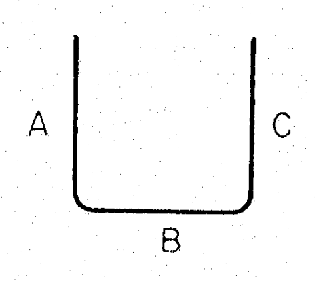
BAR LISTS I

SHEET 61 OF 75

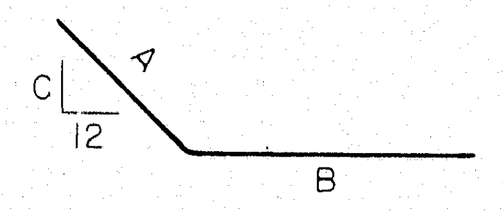
HARDESTY & HANOVER
CONSULTING ENGINEERS
NEW YORK, N. Y.

128-200

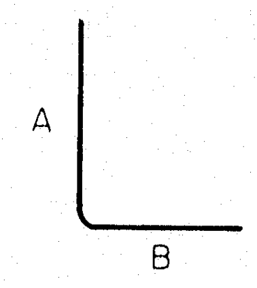
B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	1-95-1 (22)16	62	75



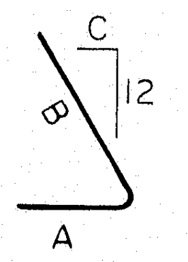
TYPE 1



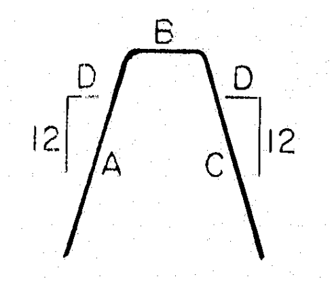
TYPE 2



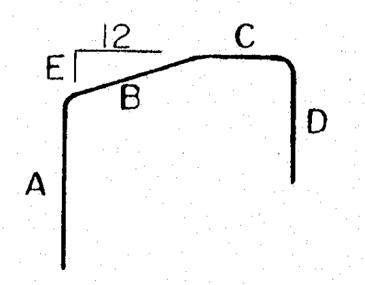
TYPE 3



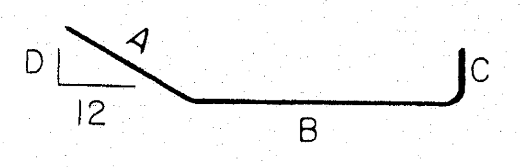
TYPE 4



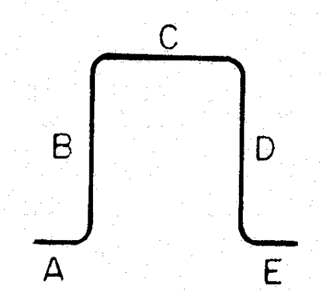
TYPE 5



TYPE 6



TYPE 7



TYPE 8

PIER 5N

MARK	LENGTH	No. REQD	TYPE	DETAIL DIMENSIONS A	B	C	D	E	F
GF950	19'-6	204	STR						
GF1450	12'-2	104	3						
GC650	9'-4 TO 11'-0	480	1	3'-2 TO 3'-6	3'-2 TO 4'-2	3'-2 TO 3'-6	(16 SETS OF 30)		
GC651	6'-2 TO 7'-0	240	1	0'-11 TO 0'-11	4'-6 TO 5'-4	0'-11 TO 0'-11	(8 SETS OF 30)		
GC652	11'-0 TO 11'-10	192	1	3'-6 TO 3'-9	4'-2 TO 4'-6	3'-6 TO 3'-9	(12 SETS OF 16)		
GC653	7'-0 TO 7'-6	96	1	0'-11 TO 0'-11	5'-4 TO 5'-10	0'-11 TO 0'-11	(6 SETS OF 16)		
GC654	11'-0 TO 11'-10	68	1	3'-6 TO 3'-9	4'-2 TO 4'-6	3'-6 TO 3'-9	(4 SETS OF 17)		
GC655	7'-0 TO 7'-6	34	1	0'-11 TO 0'-11	5'-4 TO 5'-10	0'-11 TO 0'-11	(2 SETS OF 17)		
GC1150	40'-0	16	STR						
GC1450	40'-0	72	STR						
GC1451	21'-0	44	STR						
GC1452	21'-6	22	STR						
GC1453	22'-6	22	STR						
GC1454	30'-3	8	STR						
GC1455	30'-6	4	STR						
GC1456	31'-0	4	STR						
GB450	5'-4	36	1	0'-8	4'-2	0'-8			
GB650	9'-0	448	1	3'-4	2'-6	3'-4			
GB651	7'-6	4	1	2'-7	2'-6	2'-7			
GB652	5'-6	4	1	1'-7	2'-6	1'07			
GB653	40'-0	12	STR						
GB654	13'-4	12	STR						
GB1050	27'-6	40	STR						
GB1051	15'-4	20	STR						
GB1052	16'-0	20	STR						
GB1053	21'-0	20	STR						
GB1054	38'-0	24	STR						
GB1055	10'-0	12	STR						
GB1056	10'-1	12	2	2'-8	7'-6	1'-0			

PIER 6N

MARK	LENGTH	No. REQD	TYPE	DETAIL DIMENSIONS A	B	C	D	E	F
HF950	19'-6	288	STR						
HF1450	12'-3	104	3	9'-5	3'-0				
HC650	9'-4 TO 11'-0	480	1	3'-2 TO 3'-6	3'-2 TO 4'-2	3'-2 TO 3'-6	(16 SETS OF 30)		
HC651	6'-2 TO 7'-0	240	1	0'-11 TO 0'-11	4'-6 TO 5'-4	0'-11 TO 0'-11	(8 SETS OF 30)		
HC652	11'-0 TO 11'-10	128	1	3'-6 TO 3'-9	4'-2 TO 4'-6	3'-6 TO 3'-9	(8 SETS OF 16)		
HC653	7'-0 TO 7'-5	64	1	0'-11 TO 0'-11	5'-4 TO 5'-9	0'-11 TO 0'-11	(4 SETS OF 16)		
HC654	11'-0 TO 11'-10	60	1	3'-6 TO 3'-9	4'-2 TO 4'-6	3'-6 TO 3'-9	(4 SETS OF 15)		
HC655	7'-0 TO 7'-5	30	1	0'-11 TO 0'-11	5'-4 TO 5'-9	0'-11 TO 0'-11	(2 SETS OF 15)		
HC656	11'-0 TO 11'-10	68	1	3'-6 TO 3'-9	4'-2 TO 4'-6	3'-6 TO 3'-9	(4 SETS OF 17)		
HC657	7'-0 TO 7'-5	34	1	0'-11 TO 0'-11	5'-4 TO 5'-9	0'-11 TO 0'-11	(2 SETS OF 17)		
HC1150	40'-0	16	STR						
HC1450	40'-0	72	STR						
HC1451	21'-0	22	STR						
HC1452	19'-6	22	STR						
HC1453	23'-0	22	STR						
HC1454	21'-6	22	STR						
HC1455	30'-0	4	STR						
HC1456	29'-3	4	STR						
HC1457	31'-0	4	STR						
HC1458	30'-3	4	STR						
HB450	5'-4	36	1	0'-8	4'-2	0'-8			
HB650	9'-0	448	1	3'-4	2'-6	3'-4			
HB651	7'-6	4	1	2'-7	2'-6	2'-7			
HB652	5'-6	4	1	1'-7	2'-6	1'-7			
HB653	40'-0	12	STR						
HB654	13'-4	12	STR						
HB1050	27'-6	40	STR						
HB1051	15'-4	20	STR						
HB1052	16'-0	20	STR						
HB1053	21'-0	20	STR						
HB1054	38'-0	24	STR						
HB1055	10'-0	12	STR						
HB1056	10'-1	12	2	2'-8	7'-6	1'-0			

PIER 7N

MARK	LENGTH	No. REQD	TYPE	DETAIL DIMENSIONS A	B	C	D	E	F
JF950	14'-6	204	STR						
JF1450	12'-4	104	3	9'-6	3'-0				
JC650	9'-7 TO 10'-10	480	1	3'-2 TO 3'-6	3'-5 TO 4'-0	3'-2 TO 3'-6	(16 SETS OF 30)		
JC651	6'-2 TO 7'-0	240	1	0'-11 TO 0'-11	4'-6 TO 5'-4	0'-11 TO 0'-11	(8 SETS OF 30)		
JC652	10'-10 TO 11'-8	264	1	3'-6 TO 3'-9	4'-0 TO 4'-4	3'-6 TO 3'-9	(4 SETS OF 16)		
JC653	7'-0 TO 7'-6	132	1	0'-11 TO 0'-11	5'-4 TO 5'-10	0'-11 TO 0'-11	(2 SETS OF 16)		
JC654	10'-10 TO 11'-11	68	1	3'-6 TO 3'-10	4'-0 TO 4'-5	3'-6 TO 3'-10	(4 SETS OF 17)		
JC655	7'-0 TO 7'-6	34	1	0'-11 TO 0'-11	5'-4 TO 5'-10	0'-11 TO 0'-11	(2 SETS OF 17)		
JC656	10'-10 TO 11'-11	72	1	3'-6 TO 3'-10	4'-0 TO 4'-5	3'-6 TO 3'-10	(4 SETS OF 18)		
JC657	7'-0 TO 7'-6	36	1	0'-11 TO 0'-11	5'-4 TO 5'-10	0'-11 TO 0'-11	(2 SETS OF 18)		
JC658	10'-10 TO 11'-11	76	1	3'-6 TO 3'-10	4'-0 TO 4'-5	3'-6 TO 3'-10	(4 SETS OF 19)		
JC659	7'-0 TO 7'-6	38	1	0'-11 TO 0'-11	5'-4 TO 5'-10	0'-11 TO 0'-11	(2 SETS OF 19)		
JC1150	40'-0	16	STR						
JC1450	40'-0	72	STR						
JC1451	21'-6	26	STR						
JC1452	23'-0	26	STR						
JC1453	24'-0	20	STR						
JC1454	25'-0	26	STR						
JB450	5'-4	36	1	0'-8	4'-2	0'-8			
JB650	9'-0	448	1	3'-4	2'-6	3'-4			
JB651	7'-6	4	1	2'-7	2'-6	2'-7			
JB652	5'-6	4	1	1'-7	2'-6	1'-7			
JB653	40'-0	12	STR						
JB654	13'-4	12	STR						
JB1050	27'-6	40	STR						
JB1051	15'-4	20	STR						
JB1052	16'-0	20	STR						
JB1053	21'-0	20	STR						
JB1054	38'-0	24	STR						
JB1055	10'-0	12	STR						
JB1056	10'-1	12	2	2'-8	7'-6	1'-0			

PIER 8N

MARK	LENGTH	No. REQD	TYPE	DETAIL DIMENSIONS A	B	C	D	E	F
KF950	14'-6	204	STR						
KF1450	12'-0	104	3	9'-2	3'-0				
KC650	9'-7 TO 10'-10	480	1	3'-2 TO 3'-6	3'-5 TO 4'-0	3'-2 TO 3'-6	(16 SETS OF 30)		
KC651	6'-2 TO 7'-0	240	1	0'-11 TO 0'-11	4'-6 TO 5'-4	0'-11 TO 0'-11	(8 SETS OF 30)		
KC652	10'-10 TO 11'-11	336	1	3'-6 TO 3'-10	4'-0 TO 4'-5	3'-6 TO 3'-10	(16 SETS OF 21)		
KC653	7'-0 TO 7'-7	168	1	0'-11 TO 0'-11	5'-4 TO 5'-11	0'-11 TO 0'-11	(8 SETS OF 21)		
KC1150	40'-0	16	STR						
KC1450	40'-0	72	STR						
KC1451	28'-0	78	STR						
KC1452	28'-6	26	STR						
KB450	5'-4	36	1	0'-8	4'-2	0'-8			
KB650	9'-0	448	1	3'-4	2'-6	3'-4			
KB651	7'-6	4	1	2'-7	2'-6	2'-7			
KB652	6'-0	4	1	1'-7	2'-6	1'-7			
KB653	40'-0	12	STR						
KB654	13'-4	12	STR						
KB1050	27'-6	40	STR						
KB1051	15'-4	20	STR						
KB1052	16'-0	20	STR						
KB1053	21'-0	20	STR						
KB1054	38'-0	24	STR						
KB1055	10'-0	12	STR						
KB1056	10'-1	12	2	2'-8	7'-6	1'-0			

DESIGN — [illegible]
TRACE — [illegible]
CHECK — [illegible]

BRIDGE NO.
IN CHARGE OF — R.W. Christie

NEW HAMPSHIRE
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
AND
MAINE STATE HIGHWAY COMMISSION

INTERSTATE 95 BRIDGE
OVER
PISCATAQUA RIVER
BETWEEN
PORTSMOUTH, NEW HAMPSHIRE AND KITTERY, MAINE
MAINE APPROACH

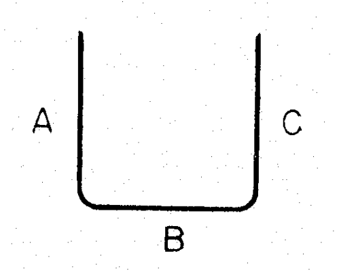
BAR LISTS II

SHEET 62 OF 75

HARDESTY & HANOVER
CONSULTING ENGINEERS
NEW YORK, N. Y.

129-1

B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	1-95-1 (22)16	63	75



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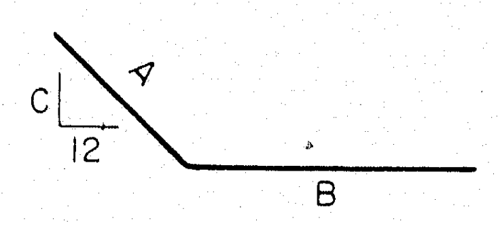
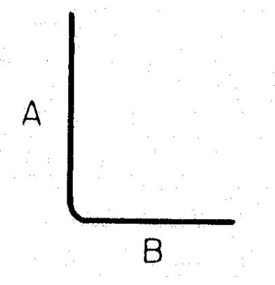
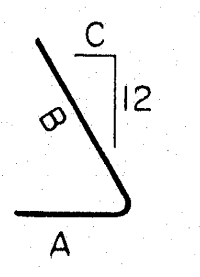


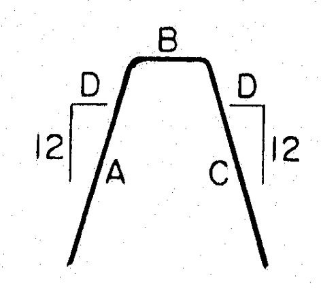
TYPE 2



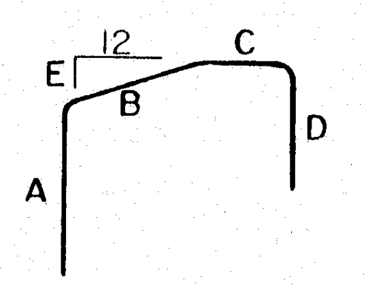
TYPE 3



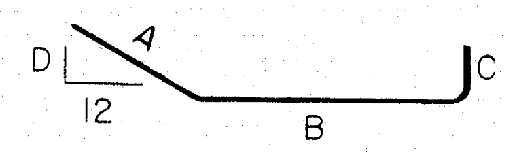
TYPE 4



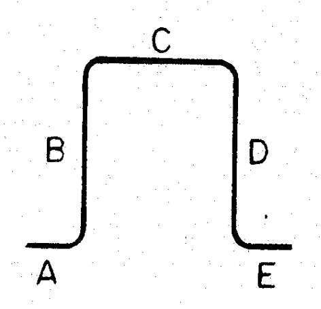
TYPE 5



TYPE 6



TYPE 7



TYPE 8

PIER 9N

Mark	Length	No. Reqd	Type	Detail Dimensions					
				A	B	C	D	E	F
LF950	19'-6	288	STR						
LF1450	12'-1	104	3	9'-3	3'-0				
LC650	9'-4 TO 11'-0	480	1	3'-2 TO 3'-6	3'-2 TO 4'-2	3'-2 TO 3'-6	(16 SETS OF 30)		
LC651	6'-2 TO 7'-0	240	1	0'-11 TO 0'-11	4'-6 TO 5'-4	0'-11 TO 0'-11	(8 SETS OF 30)		
LC652	11'-0 TO 11'-11	72	1	3'-6 TO 3'-9	4'-2 TO 4'-7	3'-6 TO 3'-9	(4 SETS OF 18)		
LC653	7'-0 TO 7'-6	36	1	0'-11 TO 0'-11	5'-4 TO 5'-10	0'-11 TO 0'-11	(2 SETS OF 18)		
LC654	11'-0 TO 11'-11	76	1	3'-6 TO 3'-9	4'-2 TO 4'-7	3'-6 TO 3'-9	(4 SETS OF 19)		
LC655	7'-0 TO 7'-6	38	1	0'-11 TO 0'-11	5'-4 TO 5'-10	0'-11 TO 0'-11	(2 SETS OF 19)		
LC656	11'-0 TO 12'-0	88	1	3'-6 TO 3'-9	4'-2 TO 4'-8	3'-6 TO 3'-9	(4 SETS OF 22)		
LC657	7'-0 TO 7'-8	44	1	0'-11 TO 0'-11	5'-4 TO 6'-0	0'-11 TO 0'-11	(2 SETS OF 22)		
LC658	11'-0 TO 11'-11	80	1	3'-6 TO 3'-9	4'-2 TO 4'-7	3'-6 TO 3'-9	(4 SETS OF 20)		
LC659	7'-0 TO 7'-6	40	1	0'-11 TO 0'-11	5'-4 TO 5'-10	0'-11 TO 0'-11	(2 SETS OF 20)		
LC1150	40'-0	16	STR						
LC1450	40'-0	72	STR						
LC1451	23'-6	22	STR						
LC1452	25'-0	22	STR						
LC1453	29'-6	22	STR						
LC1454	26'-0	22	STR						
LC1455	31'-6	4	STR						
LC1456	32'-3	4	STR						
LC1457	34'-6	4	STR						
LC1458	32'-9	4	STR						
LB450	5'-4	36	1	0'-8	4'-2	0'-8			
LB650	9'-0	448	1	3'-4	2'-6	3'-4			
LB651	7'-6	4	1	2'-7	2'-6	2'-7			
LB652	5'-6	4	1	1'-7	2'-6	1'-7			
LB653	40'-0	12	STR						
LB654	13'-4	12	STR						
LB1050	27'-6	40	STR						
LB1051	15'-4	20	STR						
LB1052	16'-0	20	STR						
LB1053	21'-0	20	STR						
LB1054	38'-0	24	STR						
LB1055	10'-0	12	STR						
LB1056	10'-1	12	2	2'-8	7'-6	1'-0			

PIER 10N

Mark	Length	No. Reqd	Type	Detail Dimensions					
				A	B	C	D	E	F
MF950	14'-6	204	STR						
MF1450	12'-0	104	3	9'-2	3'-0				
MC650	9'-7 TO 10'-10	480	1	3'-2 TO 3'-6	3'-5 TO 4'-0	3'-2 TO 3'-6	(16 SETS OF 30)		
MC651	6'-2 TO 7'-0	240	1	0'-11 TO 0'-11	4'-6 TO 5'-4	0'-11 TO 0'-11	(8 SETS OF 30)		
MC652	10'-10 TO 11'-11	240	1	3'-6 TO 3'-10	4'-0 TO 4'-5	3'-6 TO 3'-10	(12 SETS OF 20)		
MC653	7'-0 TO 7'-7	120	1	0'-11 TO 0'-11	5'-4 TO 5'-11	0'-11 TO 0'-11	(6 SETS OF 20)		
MC654	10'-10 TO 11'-11	84	1	3'-6 TO 3'-10	4'-0 TO 4'-5	3'-6 TO 3'-10	(4 SETS OF 21)		
MC655	7'-0 TO 7'-7	42	1	0'-11 TO 0'-11	5'-4 TO 5'-11	0'-11 TO 0'-11	(2 SETS OF 21)		
MC1150	40'-0	16	STR						
MC1450	40'-0	72	STR						
MC1451	27'-0	26	STR						
MC1452	26'-6	52	STR						
MC1453	27'-6	26	STR						
MB450	5'-4	36	1	0'-8	4'-2	0'-8			
MB650	9'-0	448	1	3'-4	2'-6	3'-4			
MB651	7'-6	4	1	2'-7	2'-6	2'-7			
MB652	5'-6	4	1	1'-7	2'-6	1'-7			
MB653	40'-0	12	STR						
MB654	13'-4	12	STR						
MB1050	27'-6	40	STR						
MB1051	15'-4	20	STR						
MB1052	16'-0	20	STR						
MB1053	21'-0	20	STR						
MB1054	38'-0	24	STR						
MB1055	10'-0	12	STR						
MB1056	10'-1	12	2	2'-8	7'-6	1'-0			

PIER 11N

Mark	Length	No. Reqd	Type	Detail Dimensions					
				A	B	C	D	E	F
NF950	14'-6	204	STR						
NF1450	12'-1	104	3	9'-3	3'-0				
NC650	9'-7 TO 10'-10	480	1	3'-2 TO 3'-6	3'-5 TO 4'-0	3'-2 TO 3'-6	(16 SETS OF 30)		
NC651	6'-2 TO 7'-0	140	1	0'-11 TO 0'-11	4'-6 TO 5'-4	0'-11 TO 0'-11	(8 SETS OF 30)		
NC652	10'-10 TO 11'-11	80	1	3'-6 TO 3'-10	4'-0 TO 4'-5	3'-6 TO 3'-10	(4 SETS OF 20)		
NC653	7'-0 TO 7'-6	40	1	0'-11 TO 0'-11	5'-4 TO 5'-10	0'-11 TO 0'-11	(2 SETS OF 20)		
NC654	10'-10 TO 11'-8	68	1	3'-6 TO 3'-9	4'-0 TO 4'-4	3'-6 TO 3'-9	(4 SETS OF 17)		
NC655	7'-0 TO 7'-6	34	1	0'-11 TO 0'-11	5'-4 TO 5'-10	0'-11 TO 0'-11	(2 SETS OF 17)		
NC656	10'-10 TO 11'-10	120	1	3'-6 TO 3'-10	4'-0 TO 4'-4	3'-6 TO 3'-10	(8 SETS OF 15)		
NC657	7'-0 TO 7'-5	60	1	0'-11 TO 0'-11	5'-4 TO 5'-9	0'-11 TO 0'-11	(4 SETS OF 15)		
NC1150	40'-0	16	STR						
NC1450	40'-0	72	STR						
NC1451	25'-6	26	STR						
NC1452	22'-0	26	STR						
NC1453	20'-0	52	STR						
NB450	5'-4	36	1	0'-8	4'-2	0'-8			
NB650	9'-0	448	1	3'-4	2'-6	3'-4			
NB651	7'-6	4	1	2'-7	2'-6	2'-7			
NB652	5'-6	4	1	1'-7	2'-6	1'-7			
NB653	40'-0	12	STR						
NB654	13'-4	12	STR						
NB1050	27'-6	40	STR						
NB1051	15'-4	20	STR						
NB1052	16'-0	20	STR						
NB1053	21'-0	20	STR						
NB1054	38'-0	24	STR						
NB1055	10'-0	12	STR						
NB1056	10'-1	12	2	2'-8	7'-6	1'-0			

PIER 12N

Mark	Length	No. Reqd	Type	Detail Dimensions					
				A	B	C	D	E	F
PF950	14'-6	204	STR						
PF1450	11'-11	104	3	9'-1	3'-0				
PC650	9'-7 TO 10'-10	480	1	3'-2 TO 3'-6	3'-5 TO 4'-0	3'-2 TO 3'-6	(16 SETS OF 30)		
PC651	6'-2 TO 7'-0	240	1	0'-11 TO 0'-11	4'-6 TO 5'-4	0'-11 TO 0'-11	(8 SETS OF 30)		
PC652	10'-10 TO 11'-8	64	1	3'-6 TO 3'-9	4'-0 TO 4'-4	3'-6 TO 3'-9	(4 SETS OF 16)		
PC653	7'-0 TO 7'-5	32	1	0'-11 TO 0'-11	5'-4 TO 5'-9	0'-11 TO 0'-11	(2 SETS OF 16)		
PC654	10'-10 TO 11'-5	56	1	3'-6 TO 3'-8	4'-0 TO 4'-3	3'-6 TO 3'-8	(4 SETS OF 14)		
PC655	7'-0 TO 7'-4	28	1	0'-11 TO 0'-11	5'-4 TO 5'-8	0'-11 TO 0'-11	(2 SETS OF 14)		
PC656	10'-10 TO 11'-5	52	1	3'-6 TO 3'-8	4'-0 TO 4'-3	3'-6 TO 3'-8	(4 SETS OF 13)		
PC657	7'-0 TO 7'-4	26	1	0'-11 TO 0'-11	5'-4 TO 5'-8	0'-11 TO 0'-11	(2 SETS OF 13)		
PC658	10'-10 TO 11'-2	40	1	3'-6 TO 3'-7	4'-0 TO 4'-2	3'-6 TO 3'-7	(4 SETS OF 10)		
PC659	7'-0 TO 7'-3	20	1	0'-11 TO 0'-11	5'-4 TO 5'-7	0'-11 TO 0'-11	(2 SETS OF 10)		
PC1150	40'-0	16	STR						
PC1450	40'-0	72	STR						
PC1451	22'-0	26	STR						
PC1452	19'-0	26	STR						
PC1453	17'-0	26	STR						
PC1454	13'-0	26	STR						
PB450	5'-6	36	1	0'-8	4'-2	0'-8			
PB650	9'-0	448	1	3'-4	2'-6	3'-4			
PB651	7'-6	4	1	2'-7	2'-6	2'-7			
PB652	5'-6	4	1	1'-7	2'-6	1'-7			
PB653	40'-0	12	STR						
PB654	13'-4	12	STR						
PB1050	27'-6	40	STR						
PB1051	15'-4	20	STR						
PB1052	16'-0	20	STR						
PB1053	21'-0	20	STR						
PB1054	38'-0	24	STR						
PB1055	10'-0	12	STR						
PB1056	10'-1	12	2	2'-8	7'-6	1'-0			

HARDESTY & HANOVER
CONSULTING ENGINEERS
NEW YORK, N. Y.

DESIGN —
TRACE —
CHECK —

BRIDGE NO.
IN CHARGE OF — R. W. Christie

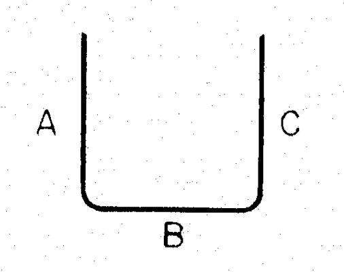
NEW HAMPSHIRE
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
AND
MAINE STATE HIGHWAY COMMISSION
INTERSTATE 95 BRIDGE
OVER
PISCATAQUA RIVER
BETWEEN
PORTSMOUTH, NEW HAMPSHIRE AND KITTERY, MAINE
MAINE APPROACH

BAR LISTS III

SHEET 63 OF 75

129-2

B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	1-95-1(22)16	64	75



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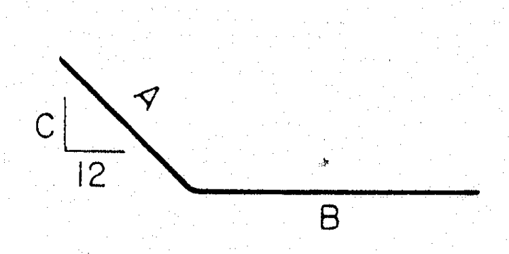

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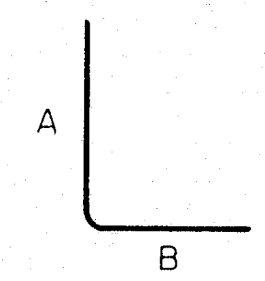

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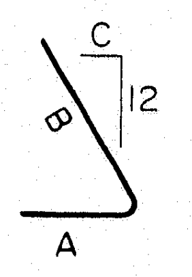

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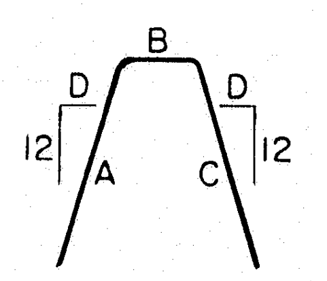

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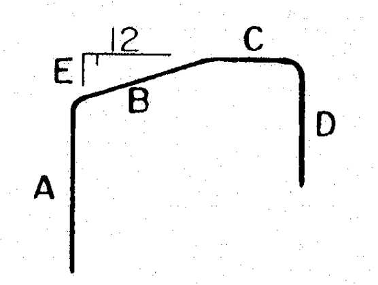

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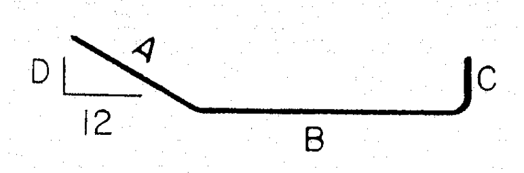

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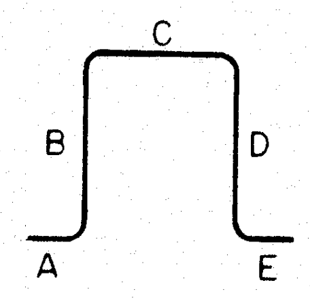


TYPE 8

PIER 13N

MARK	LENGTH	NO. REQD	TYPE	DETAIL DIMENSIONS					
				A	B	C	D	E	F
QF950	14'-6	204	STR						
QF1450	12'-0	66	3	9'-2	3'-0				
QF1451	17'-0	22	3	14'-2	3'-0				
QC650	9'-4 TO 10'-7	480	1	3'-2 TO 3'-6	3'-2 TO 3'-9	3'-2 TO 3'-6	(16 SETS OF 30)		
QC651	6'-2 TO 7'-0	240	1	0'-11 TO 0'-11	4'-6 TO 5'-4	0'-11 TO 0'-11	(8 SETS OF 30)		
QC652	10'-7 TO 10'-10	40	1	3'-6 TO 3'-7	3'-9 TO 3'-10	3'-6 TO 3'-7	(8 SETS OF 5)		
QC653	7'-0 TO 7'-2	20	1	0'-11 TO 0'-11	5'-4 TO 5'-6	0'-11 TO 0'-11	(4 SETS OF 5)		
QC654	10'-7 TO 10'-10	16	1	3'-6 TO 3'-7	3'-9 TO 3'-10	3'-6 TO 3'-7	(4 SETS OF 4)		
QC655	7'-0 TO 7'-2	8	1	0'-11 TO 0'-11	5'-4 TO 5'-6	0'-11 TO 0'-11	(2 SETS OF 4)		
QC656	10'-7 TO 10'-10	24	1	3'-6 TO 3'-7	3'-9 TO 3'-10	3'-6 TO 3'-7	(4 SETS OF 6)		
QC657	7'-0 TO 7'-2	12	1	0'-11 TO 0'-11	5'-4 TO 5'-6	0'-11 TO 0'-11	(2 SETS OF 6)		
QC1150	40'-0	16	STR						
QC1450	40'-0	72	STR						
QC1451	6'-0	44	STR						
QC1452	7'-0	22	STR						
QB450	5'-4	36	1	0'-8	4'-2	0'-8			
QB650	9'-0	448	1	3'-4	2'-6	3'-4			
QB651	7'-6	4	1	2'-7	2'-6	2'-7			
QB652	5'-6	4	1	1'-7	2'-6	1'-7			
QB653	40'-0	12	STR						
QB654	13'-4	12	STR						
QB1050	27'-6	40	STR						
QB1051	15'-4	20	STR						
QB1052	16'-0	20	STR						
QB1053	21'-0	20	STR						
QB1054	38'-0	24	STR						
QB1055	10'-0	12	STR						
QB1056	10'-1	12	2	2'-8	7'-6	1'-0			

NORTH ABUTMENT

MARK	LENGTH	NO. REQD	TYPE	DETAIL DIMENSIONS					
				A	B	C	D	E	F
RA550	3'-6	108	STR						
RA551	5'-4	194	3	2'-0	3'-6				
RA650	3'-6	32	STR						
RA651	4'-7	4	STR						
RA750	13'-0	44	STR						
RA850	8'-6	112	STR						
RA851	38'-9	60	STR						
RA950	8'-6	112	STR						
RA951	9'-6	22	STR						
RA1051	9'-6	22	STR						
RA1052	13'-2	58	4	2'-0	11'-3	1 1/2			
RB550	13'-6	40	STR						
RB551	6'-10	12	3	2'-0	5'-0				
RB552	9'-10 TO 17'-10	12	1	4'-6 TO 8'-6	1'-0	4'-6 TO 8'-6	(2 SETS OF 6)		
RB553	4'-9	10	STR					(GALV.)	
RB554	4'-4	46	1	1'-9	1'-0	1'-9		(GALV.)	
RB555	5'-4	10	3	2'-0	4'-6			(GALV.)	
RB556	4'-6	10	STR						
RB557	5'-0	12	STR					(GALV.)	
RB558	7'-9	2	STR						
RB559	3'-0	100	STR					(GALV.)	
RB560	10'-3	100	STR					(GALV.)	
RB561	7'-9	96	STR						
RB562	7'-6	108	STR						
RB563	9'-0	4	STR						
RB564	8'-0	100	6	2'-0	2'-3	1'-9	2'-0	0'-2	
RB565	29'-6	20	STR						
RB566	21'-6	20	STR						
RB650	14'-0	30	STR						
RB651	16'-4	4	4	4'-0	12'-0	0'-6			
RB652	22'-6	6	STR						
RB750	21'-6	10	STR						
RB751	29'-6	10	STR						
RB850	12'-0	12	STR						
RB851	9'-0	12	STR						
RB1050	8'-0	30	STR						

DESIGN — [illegible]
TRACE — [illegible]
CHECK — [illegible]

BRIDGE NO.
IN CHARGE
OF — R.W Christi

NEW HAMPSHIRE
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
AND
MAINE STATE HIGHWAY COMMISSION
INTERSTATE 95 BRIDGE
OVER
PISCATAQUA RIVER
BETWEEN
PORTSMOUTH, NEW HAMPSHIRE AND KITTERY, MAINE
MAINE APPROACH

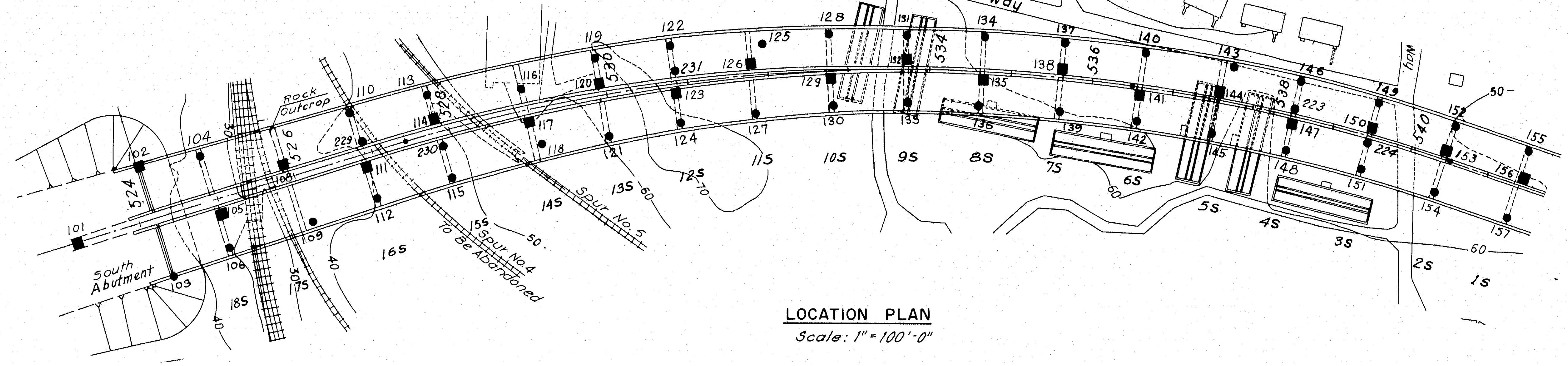
BAR LISTS IV

SHEET 64 OF 75

HARDESTY & HANOVER
CONSULTING ENGINEERS
NEW YORK, N. Y.

129-3

B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	1-95-1 (22)16	65	75



LOCATION PLAN

Scale: 1" = 100'-0"

LEGEND OF BORING LOG SYMBOLS AND ABBREVIATIONS

DEPTH IN FT.	BLOWS ON SPOON FOR 6 INCHES (ELEV. - FT.)	BLOWS/FT. ON CASING	SYMBOL	DESCRIPTION
DATE OF MEASUREMENT		5 10		SAND
	DRIVE SAMPLE 2,3,7	13 17 14		SILT
				GRAVEL
▼	WATER LEVEL			ORGANIC SILT
20	(ELEV) (-21.3)			CLAY
				TOPSOIL
				MISC. FILL
30				SHALE
	CORE SAMPLE			SLATE
40	RUN #1 90% REC.			SANDSTONE
				ARGILLACEOUS SANDSTONE
				PHYLLITE

ABBREVIATIONS

c.	coarse
m.	medium
f.	fine
sm.	some
tr.	trace
gy.	gray
gn.	green
br.	brown
bl.	black
or.	orange
ye.	yellow
blu.	blue
rd.	red
pk.	pink
wh.	white
mot.	mottled
dk.	dark
lt.	light
org.	organic
sh.	shells
frags.	fragments
ref.	refusal
ang.	angular
rnd.	round
pkts.	pockets
Pl	plastic
w.o.h.	weight of hammer
sf.	soft
hd.	hard
v.	very
w.	weathered
ws.	weathered seams
s.	seamy
B	Broken
p.	porous

DEFINITION OF TERMS

Cohesionless Soils

trace	0-10% by weight
some	10-20% by weight
adjective	20-35% by weight
and	35-50% by weight

Cohesive Soils

SILT	no plasticity
SILT, tr. clay	slight plasticity
clayey SILT	low plasticity
silty CLAY	medium plasticity
CLAY	high plasticity

NOTES

1. The subsurface information shown hereon is included for general information only. No warranty is given or implied that the information shown represents conditions between borings.
2. A combination of symbols indicates a combination of soils, the predominant soil is shown by the heavier weight of line.
3. Casing driven by 300 lbs. hammer with a free fall of 24 inches. Sampler is 2½ inch O.D. split spoon driven by 140 lbs. hammer with a free fall of 30 inches.
4. AX Rock Core obtained in 2½" holes. NX Rock Core obtained in 4" holes

HARDESTY & HANOVER
CONSULTING ENGINEERS
NEW YORK, N. Y.

BORING NO. 101

STA. 523+26.0, C.L.
GROUND ELEV. +47.3

DEPTH IN FT.	BLOWS ON SPOON FOR 6 INCHES (ELEV. ___ FT.)	BLOWS/FT. ON CASING	SYMBOL	DESCRIPTION
0	(49.8)	2		6in. TOPSOIL
	1,5,12 (48.8)	16		m. dense br. f-c SAND tr. c. Gravel
▼	3,3,6 (47.3) (45.5)	26 42 70/10		loose br. SILT and f. SAND, tr. m. Gravel
5 7-18-67	Run #1 60% REC. (40.5)	WS WS WS WS		hd. gy. PHYLLITE ROCK with weathered seams, bedding tilted 45°

BORING NO. 102

STA. 524+26.0, 68' LT.
GROUND ELEV. +42.4

DEPTH IN FT.	BLOWS ON SPOON FOR 6 INCHES (ELEV. ___ FT.)	BLOWS/FT. ON CASING	SYMBOL	DESCRIPTION
0	(42.2)	200		3in. TOPSOIL
7-18-67	1,2,12 (40.9) 21,65,90 (39.4)	FLUSH CAS'NG		br. f.-c. SAND and GRAVEL, tr. Silt.
5	RUN #1 67% REC. (34.4)	W P B		fractured and seamy hd. gy. PHYLLITE ROCK.

BORING NO. 103

STA. 524+26.0, 75' RT.
GROUND ELEV. +43.8

DEPTH IN FT.	BLOWS ON SPOON FOR 6 INCHES (ELEV. ___ FT.)	BLOWS/FT. ON CASING	SYMBOL	DESCRIPTION
0	(43.1)			8in. TOPSOIL
7-18-67 ▼ 5 7-19-67	1-2-2 4-8-9 (39.3) (35.8)			loose to m. dense br. f.-c. SAND sm. Silt.
10	RUN #1 85% REC. (30.8)			hd. gy PHYLLITE ROCK with some seams

BORING NO. 104

STA. 524+97.7, 55' LT.
GROUND ELEV. +38.7

DEPTH IN FT.	BLOWS ON SPOON FOR 6 INCHES (ELEV. ___ FT.)	BLOWS/FT. ON CASING	SYMBOL	DESCRIPTION
0	(38.0)	1		8in. TOPSOIL
7-17-67	2,3,3 (36.7)	4		v. loose br. SILT, tr. fine Sand
	3,4,5 (35.7)	8		m. stiff to stiff SILT, sm. Clay tr. c. Gravel
5 ▼	8,12,15 (32.7) 22,30,19 (30.2)	10 10 24 40 70		m. dense to dense f. SAND and SILT, some hd. gy. Gravel.
10 7-18-67 15	11,30,87/5" (22.2)	200 75 38 54 64 76 88 36		hd gy. GRAVEL and f. SAND tr. Silt.
20	RUN #1 52% REC. (17.2)	B		v. fractured and v. seamy hd. gy. PHYLLITE ROCK, with Quartz and Calcareous intrusions.

BORING NO. 105

STA. 525+02.7, 19' RT.
GROUND ELEV. +34.0

DEPTH IN FT.	BLOWS ON SPOON FOR 6 INCHES (ELEV. ___ FT.)	BLOWS/FT. ON CASING	SYMBOL	DESCRIPTION
0	(34.7)	6		3in. TOPSOIL
▼ 7-18-67	3,3,4 (34.0) (32.5)	9 14		m. stiff br. CLAY and SILT.
5	15,20,24 (27.0)	15 19 70 160 130		dense f.-c. GRAVEL, sm. Silt, sm. f.-c. Gravel
10 7-19-67	22,30,33 (22.0)	95 15 70 90 170		v. dense hd. gy. c. GRAVEL, sm f-c Sand, tr. SILT.
15	RUN #1 75% REC. (17.0)	W B B		v. hd. gy. PHYLLITE ROCK with nodular texture.

BORING NO. 106

STA. 524+97.7, 60' RT.
GROUND ELEV. +32.0

DEPTH IN FT.	BLOWS ON SPOON FOR 6 INCHES (ELEV. ___ FT.)	BLOWS/FT. ON CASING	SYMBOL	DESCRIPTION
0 ▲	(31.8)	2		3in. TOPSOIL
7-19-67	1,1,1	2 3 5 5		v. soft br. SILT sm. Clay tr. f. sand.
5	(27.0) 2,2,2	6 6 8 15 30 44		soft gy. SILT and CLAY tr. f. sand.
10 7-20-67	(22.0) 13,21,26 (20.0)	116		hd. gy. GRAVEL and br. f.-c. SAND
15	RUN #1 60% REC. (15.0)	S		hd. gy. sound PHYLLITE ROCK

BORING NO. 108

STA. 525+93.3, 18' LT.
GROUND ELEV. +31.7

DEPTH IN FT.	BLOWS ON SPOON FOR 6 INCHES (ELEV. ___ FT.)	BLOWS/FT. ON CASING	SYMBOL	DESCRIPTION
0	(31.4)	10		4in. TOPSOIL
▼	2,4,7 (29.2) (27.2)	19 12 17 12		misc. FILL, sm. Silt, tr. c. Sand
5 7-17-67	8,7,6 (23.2)	19 29 36		m. dense gy. SILT tr. Clay.
10	30,90 (21.7)	50 120		hd. gy. GRAVEL and f.-c. SAND tr. Silt.
15	RUN #1 52% REC. (16.7)	W W W B		slightly weathered hd. gy PHYLLITE ROCK with vertical seams.

BORING NO. 109

STA. 526+07.3, 60' RT.
GROUND ELEV. +41.5

DEPTH IN FT.	BLOWS ON SPOON FOR 6 INCHES (ELEV. ___ FT.)	BLOWS/FT. ON CASING	SYMBOL	DESCRIPTION
0	(41.0)	3		6in. TOPSOIL
	1,2,3 (37.5)	6 7 10		v. loose to loose br. f.-c. SAND tr. Silt.
5	5,6,6 (35.0)	12 8		stiff br. SILT and CLAY, tr. f. Sand.
7-18-67 10 ▼ 15	6,7,7 (30.5) 7,8,8 (21.5)	14 16 18 18 11 16 18 20 20 18 22 24 25 200		stiff br. Silty CLAY.
20 25	RUN #1 88% REC. (16.5)			hd gy. PHYLLITE ROCK with some seams.

BORING NO. 110

STA. 526+89.0, 51' LT.
GROUND ELEV. +40.1

DEPTH IN FT.	BLOWS ON SPOON FOR 6 INCHES (ELEV. ___ FT.)	BLOWS/FT. ON CASING	SYMBOL	DESCRIPTION
0	(39.8)	3		3in. TOPSOIL
7-13-67	1,1,1, (38.6)	8		misc. FILL
5 ▼	2,5,7 (34.1) (31.1)	6 5 8 13 15 16		m. dense br. f-c. SAND and SILT, tr. Clay
7-14-67 10	6,8,8 (28.1)	12 20 20 26		v. stiff br. CLAY and SILT, tr. f. Sand
15 20	22,3930 (19.1)	65 75 75 76 78 79 84 87 89		v dense br. f-c. SAND sm sf. Shale frags.
25	RUN #1 53% REC. (14.1)			hd. gy. sound PHYLLITE ROCK with vertical seams

BORING NO. 111

STA. 526+89.0, 18' RT.
GROUND ELEV. +39.8

DEPTH IN FT.	BLOWS ON SPOON FOR 6 INCHES (ELEV. ___ FT.)	BLOWS/FT. ON CASING	SYMBOL	DESCRIPTION
0	(39.7)			TOPSOIL
	1,3,4 (37.3)	3 6		soft to m. stiff br. SILT and CLAY
5	2,3,3, 6,7,8 (31.8)	15 14 16 10 18 24		m. stiff CLAY and SILT sm. f Sand
▼ 10 7-17-67	(30.8) 2,14,16 (28.3)	30 32		m. dense br. f. SAND and SILT sm Gravel tr. Clay
15	14,16,20 (20.8)	FLUSH CASING		dense br. c. SAND and hd. gy. GRAVEL tr. Silt
20	RUN #1 68% REC. (15.8)	BW WS B WS		slighty fractured hd. gy. PHYLLITE ROCK with 45° seams

BORING NO. 112

STA. 526+89.0, 58' RT.
GROUND ELEV. +40.9

DEPTH IN FT.	BLOWS ON SPOON FOR 6 INCHES (ELEV. ___ FT.)	BLOWS/FT. ON CASING	SYMBOL	DESCRIPTION
0	(40.8)	2		2in. TOPSOIL
	2,2,3 (37.9)	5 7		m. stiff br. SILT and CLAY, tr. f Sand
▼ 5 7-14-67	(35.9) 6,8,8 (34.4)	10 10 9 12		v. stiff br. CLAY and SILT, tr. f. Sand
10	8,11,12 (26.9)	16 16 20 17 28 30 100		m. dense br. f. SAND sm. Silt, tr. Clay, tr. Gravel
15	RUN #1 62% REC. (21.9)	B		slighty fractured hd gy. PHYLLITE ROCK with vertical seams

BORING NO. 113

STA. 527+84.7, 46' LT.
GROUND ELEV. +46.7

DEPTH IN FT.	BLOWS ON SPOON FOR 6 INCHES (ELEV. ___ FT.)	BLOWS/FT. ON CASING	SYMBOL	DESCRIPTION
0	(46.5)	2		3in. TOPSOIL
▼ 5	3,5,7 8,8,9 (42.2) (40.7)	7 19 23 28 55		stiff to v. stiff, br. SILT sm. Clay, tr. f. Sand.
7-13-67 10	RUN #1 89% REC. (35.7)			hd. gy. sound PHYLLITE ROCK with 45° seams

BORING NO. 114

STA. 527+84.7, 18' LT.
GROUND ELEV. +48.8

DEPTH IN FT.	BLOWS ON SPOON FOR 6 INCHES (ELEV. ___ FT.)	BLOWS/FT. ON CASING	SYMBOL	DESCRIPTION
0	(48.7)			2 in. TOPSOIL
	4,1,1, (47.3)			loose c. GRAVEL sm. misc. Rock Frags. tr. c. Sand.
5	9,10,10 (43.8)			m. dense br. SILT, tr. f. Sand, tr. Clay.
▼ 10 7-14-67	70/2" 12,9,13 (39.8) 7,10,20			m. dense to dense c. GRAVEL, and c. SAND.
15	(33.8) 30,23,80 (31.8)			v. dense br. f.-m. SAND and misc. ROCK Frags.
7-17-67 20	RUN #1 85% REC. (26.8)	WS WS WS		hd. gy sound PHYLLITE ROCK with inclined seams.

BORING NO. 115

STA. 527+84.7, 57' RT.
GROUND ELEV. +44.9

DEPTH IN FT.	BLOWS ON SPOON FOR 6 INCHES (ELEV. ___ FT.)	BLOWS/FT. ON CASING	SYMBOL	DESCRIPTION
0 ▼	2,5,5 (41.9) (39.9)	2 5 9 12 12		stiff br. SILT and CLAY.
5	6,7,8 (34.9)	8 16 23 28 100		stiff br. CLAY. tr. f. Sand, tr. Silt.
10 15	RUN #1 67% REC. (29.9)	B ms		hd. gy. PHYLLITE ROCK with sm fractures.

DESIGN —
TRACE — Watson
CHECK — [illegible]

BRIDGE NO.
IN CHARGE OF — R. W. Christie

NEW HAMPSHIRE
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
AND
MAINE STATE HIGHWAY COMMISSION

INTERSTATE 95 BRIDGE
OVER
PISCATAQUA RIVER
BETWEEN
PORTSMOUTH, NEW HAMPSHIRE AND KITTERY, MAINE

NEW HAMPSHIRE APPROACH

BORING LOGS I

SHEET 65 OF 75

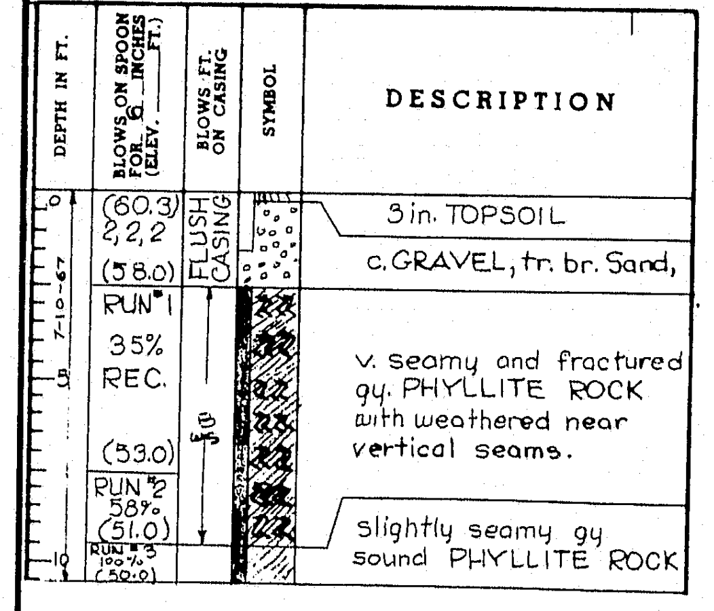
HARDESTY & HANOVER
CONSULTING ENGINEERS
NEW YORK, N. Y.

129-4

B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	1-95-1(22)16	66	75

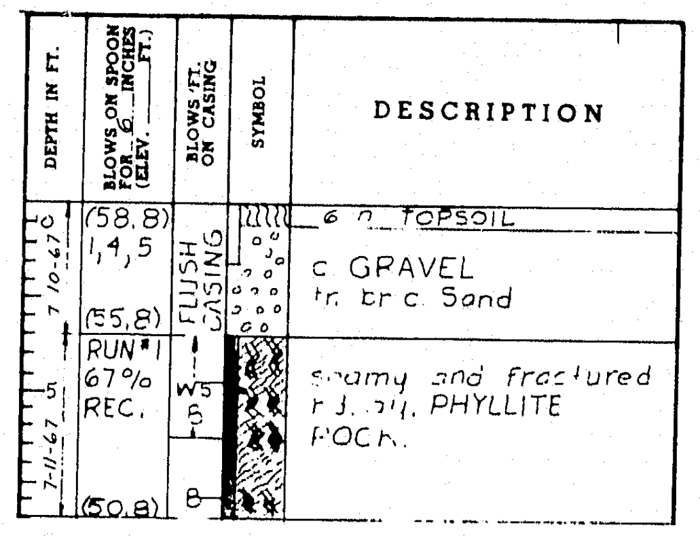
BORING NO. 116

STA. 528+96.7, 30' LT.
GROUND ELEV. +60.5



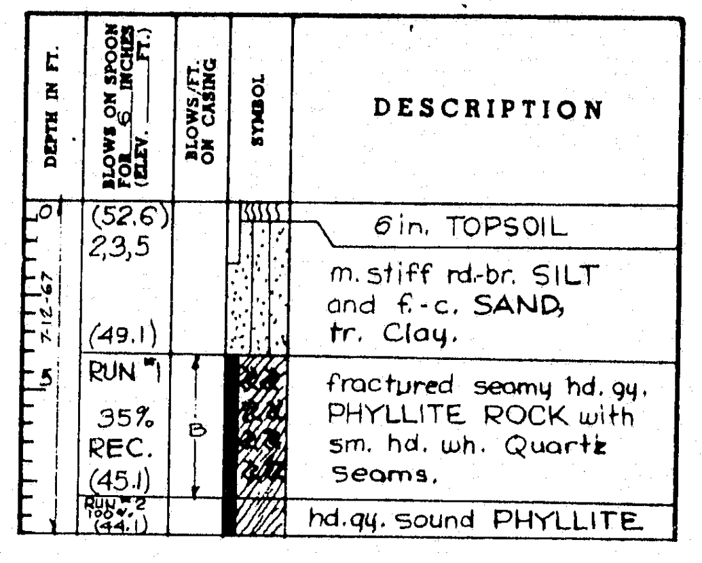
BORING NO. 117

STA. 528+96.7, 16' RT.
GROUND ELEV. +59.3



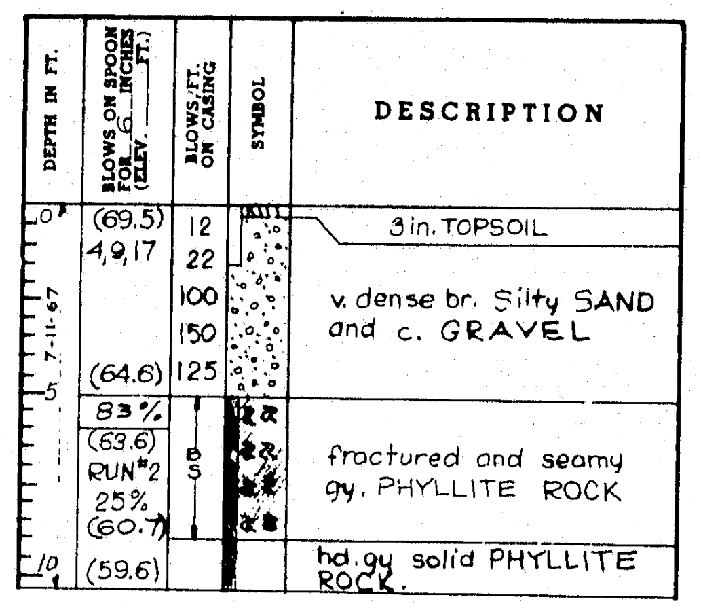
BORING NO. 118

STA. 529+0.7, 45' RT.
GROUND ELEV. +53.1


DEPTH IN FT.
BLOWS ON SPOON FOR 6 INCHES (ELEV. FT.)
BLOWS/FT. ON CASING
SYMBOL
DESCRIPTION
(52.6) 2,3,5 (49.1)
6 in. TOPSOIL
m. stiff rd.-br. SILT and f.-c. SAND, tr. Clay.
RUN #1 35% REC. (45.1)
fractured seamy hd. gy. PHYLLITE ROCK with sm. hd. wh. Quartz Seams.
RUN #2 100% (44.1)
hd. gy. sound PHYLLITE
7-12-67

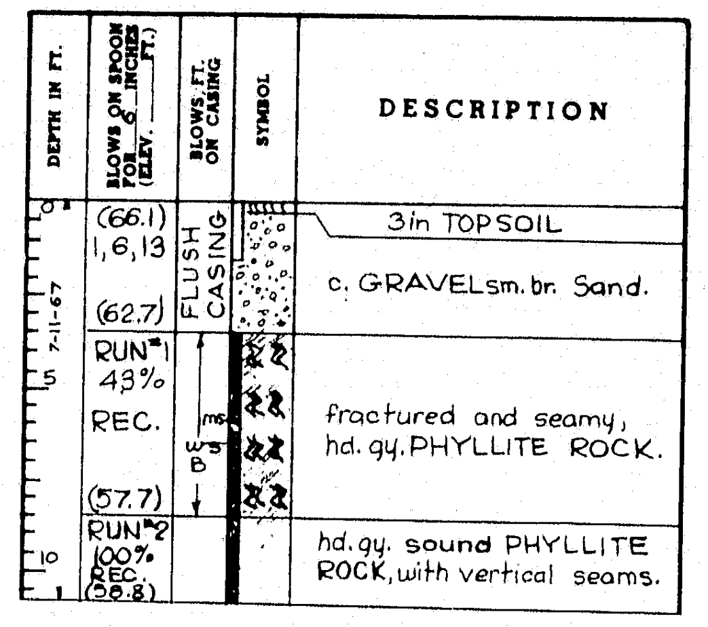
BORING NO. 119

STA. 529+92.3, 49' LT.
GROUND ELEV. +69.7


DEPTH IN FT.
BLOWS ON SPOON FOR 6 INCHES (ELEV. FT.)
BLOWS/FT. ON CASING
SYMBOL
DESCRIPTION
(69.5) 4,9,17 (64.6)
12 22 100 150 125
3 in. TOPSOIL
v. dense br. Silty SAND and c. GRAVEL
83% (63.6) RUN #2 25% (60.7)
fractured and seamy gy. PHYLLITE ROCK
(59.6)
hd. gy. solid PHYLLITE ROCK.
7-11-67

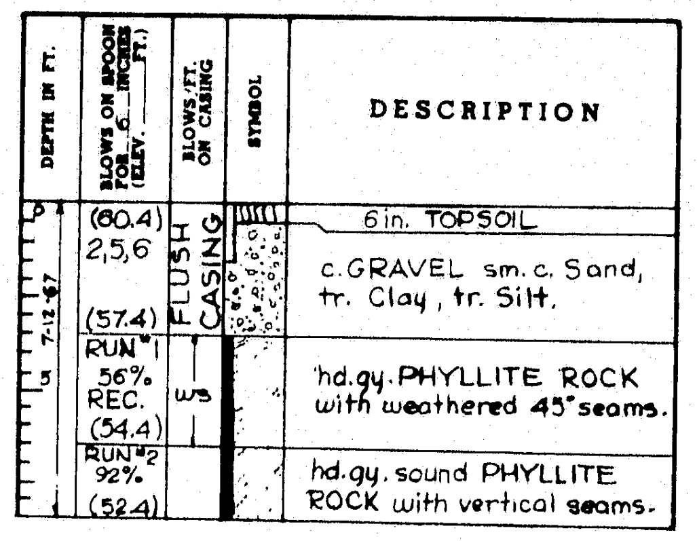
BORING NO. 120

STA. 529+92.3, 16' LT.
GROUND ELEV. +66.4



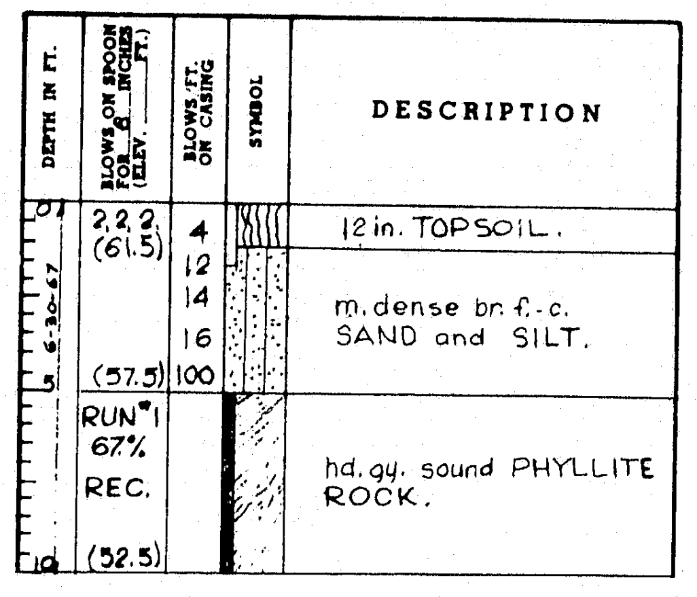
BORING NO. 121

STA. 529+92.3, 50' RT.
GROUND ELEV. +60.9


DEPTH IN FT.
BLOWS ON SPOON FOR 6 INCHES (ELEV. FT.)
BLOWS/FT. ON CASING
SYMBOL
DESCRIPTION
(60.4) 2,5,6 (57.4)
FLUSH CASING
6 in. TOPSOIL
c. GRAVEL sm. c. Sand, tr. Clay, tr. Silt.
RUN #1 56% REC. (54.4)
hd. gy. PHYLLITE ROCK with weathered 45° seams.
RUN #2 92% (52.4)
hd. gy. sound PHYLLITE ROCK with vertical seams.
7-12-67

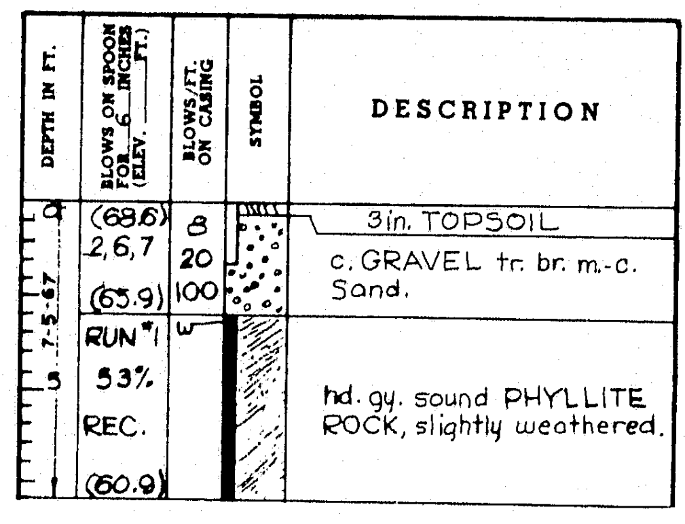
BORING NO. 122

STA. 530+88.0, 48' LT.
GROUND ELEV. +62.5



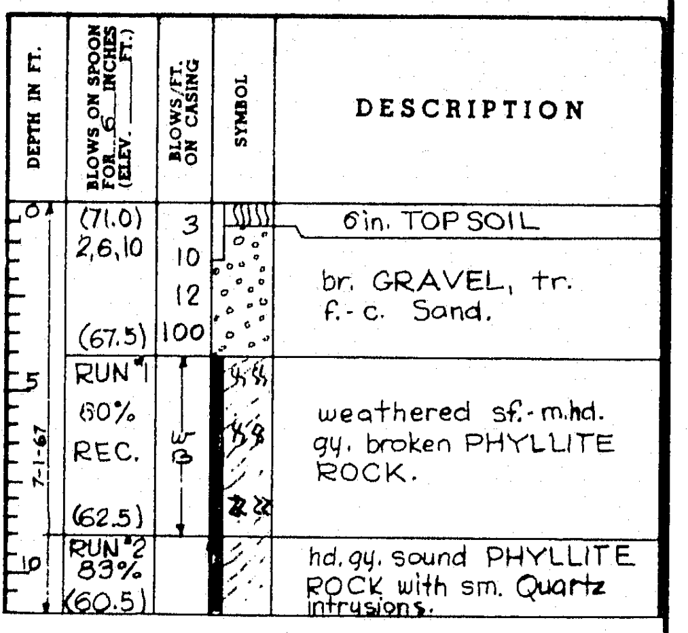
BORING NO. 123

STA. 530+88.0, 15' RT.
GROUND ELEV. +68.9


DEPTH IN FT.
BLOWS ON SPOON FOR 6 INCHES (ELEV. FT.)
BLOWS/FT. ON CASING
SYMBOL
DESCRIPTION
(68.6) 2,6,7 (65.9)
8 20 100
3 in. TOPSOIL
c. GRAVEL tr. br. m.-c. Sand.
RUN #1 53% REC. (60.9)
hd. gy. sound PHYLLITE ROCK, slightly weathered.
7-5-67

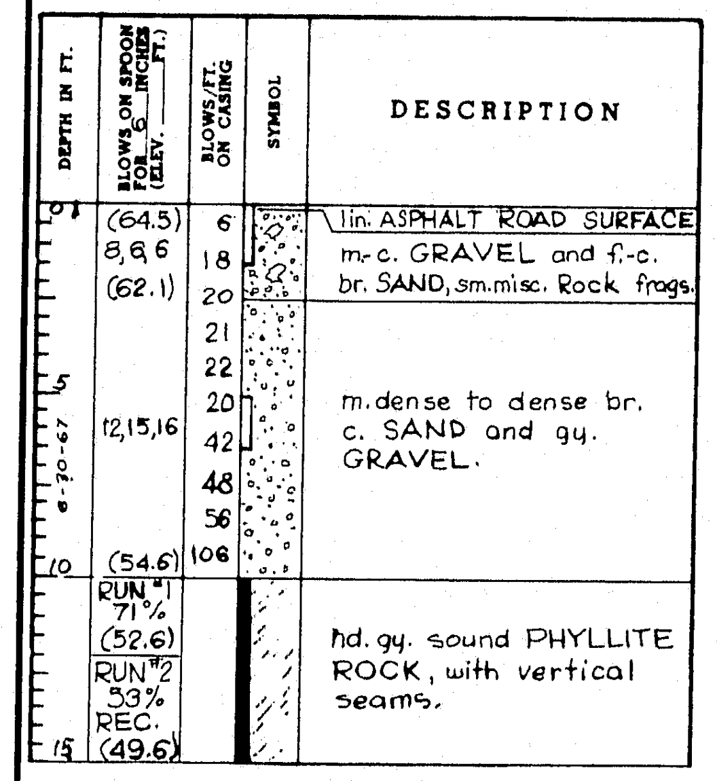
BORING NO. 124

STA. 530+88.0, 48' RT.
GROUND ELEV. +71.5


DEPTH IN FT.
BLOWS ON SPOON FOR 6 INCHES (ELEV. FT.)
BLOWS/FT. ON CASING
SYMBOL
DESCRIPTION
(71.0) 2,6,10 (67.5)
3 10 12 100
6 in. TOPSOIL
br. GRAVEL, tr. f.-c. Sand.
RUN #1 60% REC. (62.5)
weathered sf.-m. hd. gy. broken PHYLLITE ROCK.
RUN #2 83% (60.5)
hd. gy. sound PHYLLITE ROCK with sm. Quartz intrusions.
7-1-67

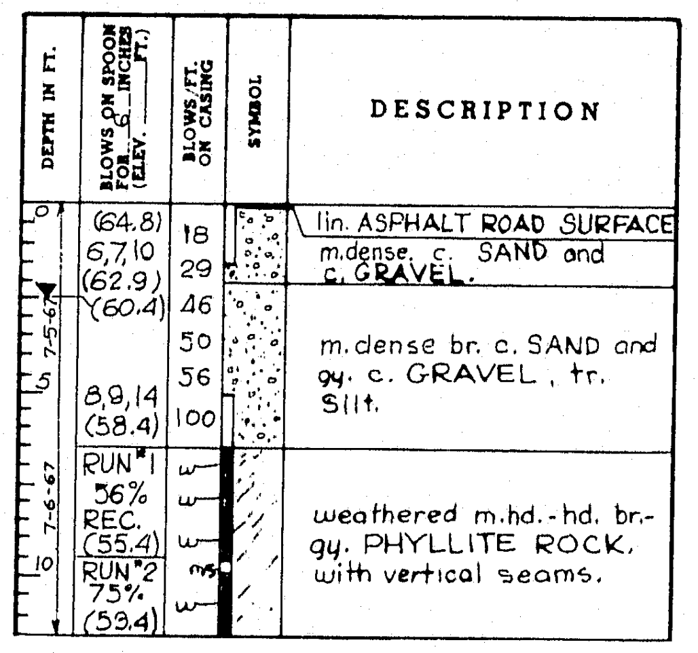
BORING NO. 125

STA. 531+90.8, 38.9' LT.
GROUND ELEV. +64.6


DEPTH IN FT.
BLOWS ON SPOON FOR 6 INCHES (ELEV. FT.)
BLOWS/FT. ON CASING
SYMBOL
DESCRIPTION
(64.5) 8,6,6 (62.1)
6 18 20 21 22 20 42 48 56 106
1 in. ASPHALT ROAD SURFACE
m.-c. GRAVEL and f.-c. br. SAND, sm. misc. Rock frags.
12,15,16 (54.6)
m. dense to dense br. c. SAND and gy. GRAVEL.
RUN #1 71% (52.6)
RUN #2 53% REC. (49.6)
hd. gy. sound PHYLLITE ROCK, with vertical seams.
6-30-67

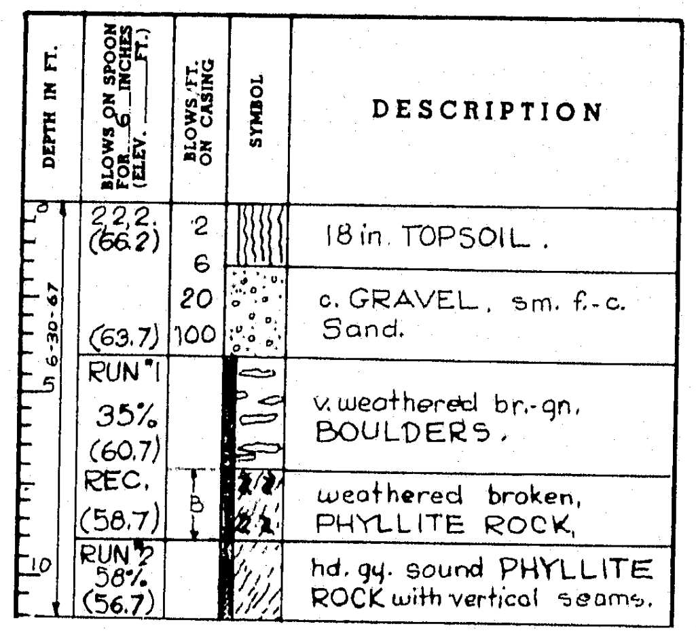
BORING NO. 126

STA. 531+83.7, 13' LT.
GROUND ELEV. +64.9


DEPTH IN FT.
BLOWS ON SPOON FOR 6 INCHES (ELEV. FT.)
BLOWS/FT. ON CASING
SYMBOL
DESCRIPTION
(64.8) 6,7,10 (62.9) (60.4)
18 29 46 50 56 100
1 in. ASPHALT ROAD SURFACE
m. dense c. SAND and c. GRAVEL.
8,9,14 (58.4)
m. dense br. c. SAND and gy. c. GRAVEL, tr. Silt.
RUN #1 56% REC. (55.4)
RUN #2 75% (53.4)
weathered m. hd.-hd. br.-gy. PHYLLITE ROCK, with vertical seams.
7-5-67
7-6-67

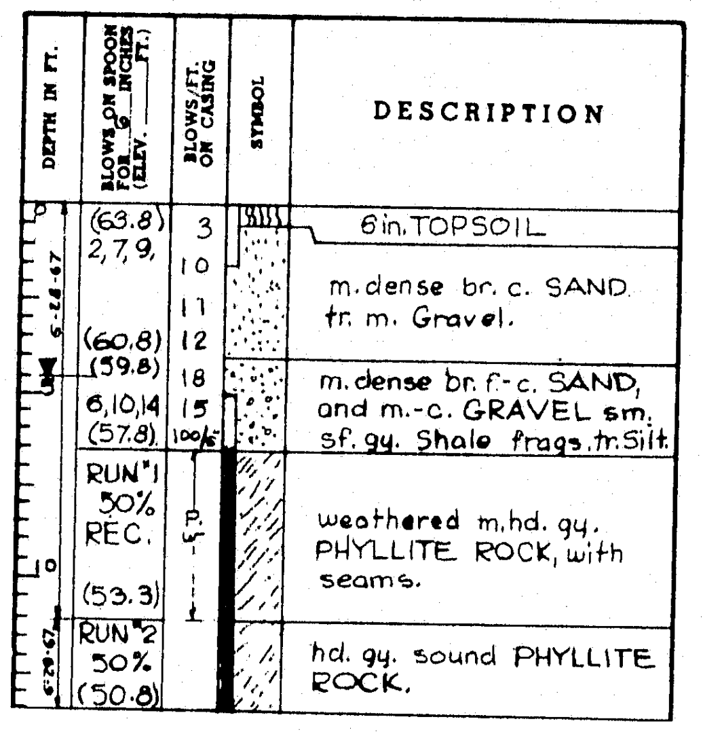
BORING NO. 127

STA. 531+83.7, 47' RT.
GROUND ELEV. +67.7


DEPTH IN FT.
BLOWS ON SPOON FOR 6 INCHES (ELEV. FT.)
BLOWS/FT. ON CASING
SYMBOL
DESCRIPTION
2,2,2 (66.2)
2 6 20 100
18 in. TOPSOIL.
(63.7)
c. GRAVEL, sm. f.-c. Sand.
RUN #1 35% (60.7) REC. (58.7)
v. weathered br.-gn. BOULDERS.
weathered broken, PHYLLITE ROCK,
RUN #2 58% (56.7)
hd. gy. sound PHYLLITE ROCK with vertical seams.
6-30-67

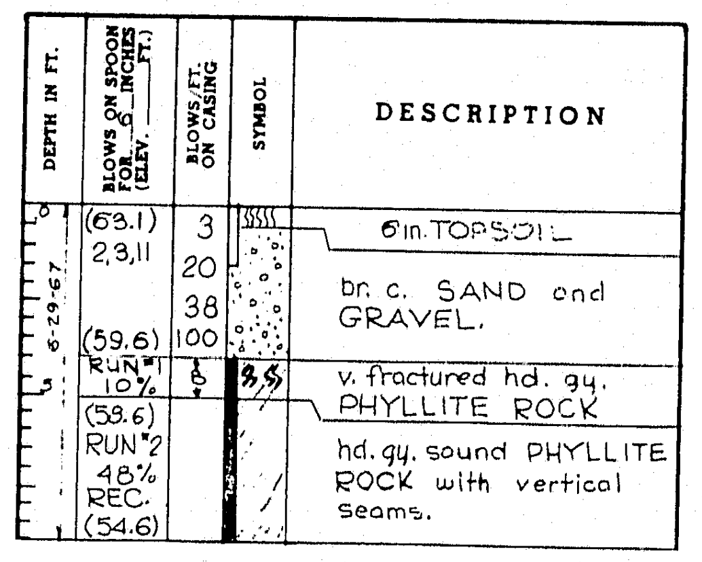
BORING NO. 128

STA. 532+79.3, 46' LT.
GROUND ELEV. +64.3


DEPTH IN FT.
BLOWS ON SPOON FOR 6 INCHES (ELEV. FT.)
BLOWS/FT. ON CASING
SYMBOL
DESCRIPTION
(63.8) 2,7,9, (60.8)
3 10 11 12 18 15 100
6 in. TOPSOIL
m. dense br. c. SAND tr. m. Gravel.
(59.8) 6,10,14 (57.8)
m. dense br. f.-c. SAND, and m.-c. GRAVEL sm. sf. gy. Shale frags. tr. Silt.
RUN #1 50% REC. (53.3)
weathered m. hd. gy. PHYLLITE ROCK, with seams.
RUN #2 50% (50.8)
hd. gy. sound PHYLLITE ROCK.
6-28-67
6-29-67

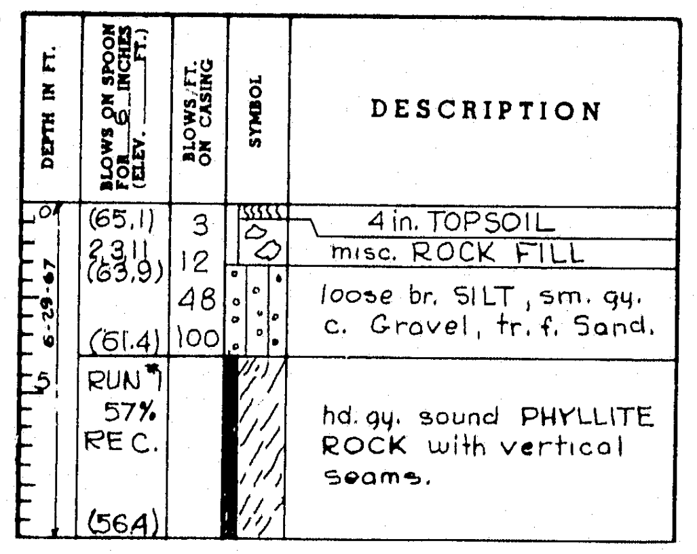
BORING NO. 129

STA. 532+79.3, 12' RT.
GROUND ELEV. +63.6


DEPTH IN FT.
BLOWS ON SPOON FOR 6 INCHES (ELEV. FT.)
BLOWS/FT. ON CASING
SYMBOL
DESCRIPTION
(63.1) 2,3,11 (59.6)
3 20 38 100
6 in. TOPSOIL
br. c. SAND and GRAVEL.
RUN #1 10%
v. fractured hd. gy. PHYLLITE ROCK
(58.6) RUN #2 48% REC. (54.6)
hd. gy. sound PHYLLITE ROCK with vertical seams.
6-29-67

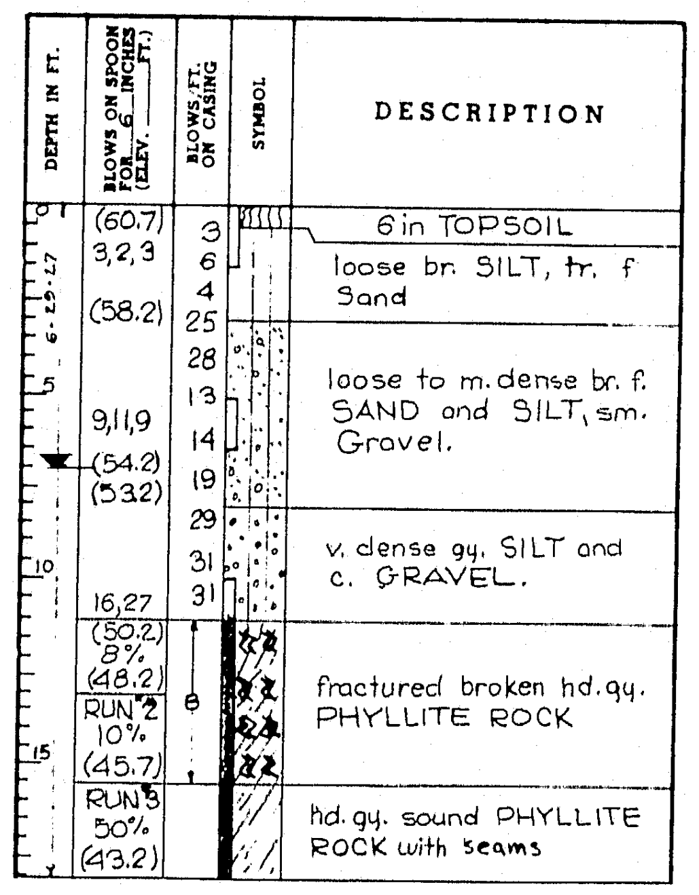
BORING NO. 130

STA. 532+79.3, 43' RT.
GROUND ELEV. +65.4



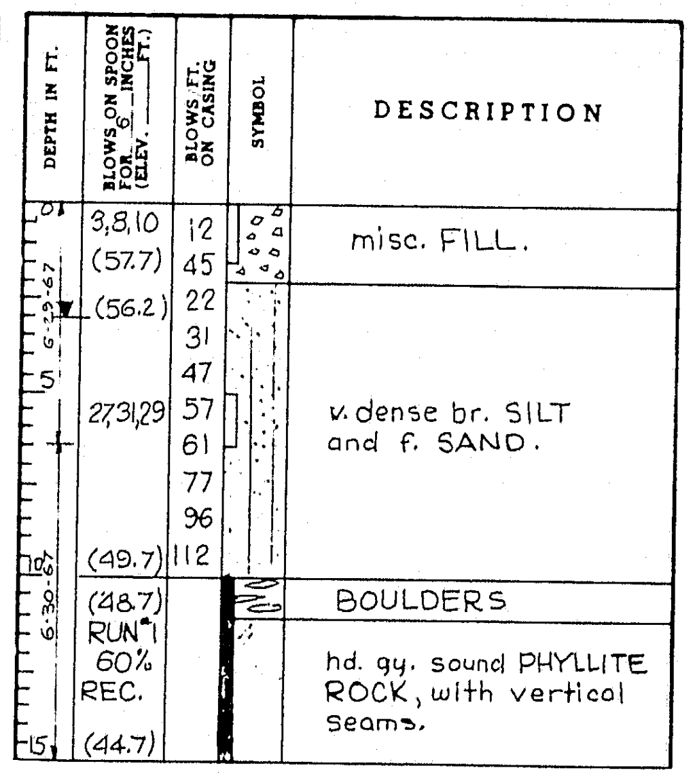
BORING NO. 131

STA. 533+75.0, 46' LT.
GROUND ELEV. +61.2


DEPTH IN FT.
BLOWS ON SPOON FOR 6 INCHES (ELEV. FT.)
BLOWS/FT. ON CASING
SYMBOL
DESCRIPTION
(60.7) 3,2,3 (58.2)
3 6 4 25 28 13 14 19 29 31 31
6 in TOPSOIL
loose br. SILT, tr. f Sand
9,11,9 (54.2) (53.2)
loose to m. dense br. f. SAND and SILT, sm. Gravel.
16,27
v. dense gy. SILT and c. GRAVEL.
(50.2) 8% (48.2)
RUN #2 10% (45.7)
fractured broken hd. gy. PHYLLITE ROCK
RUN #3 50% (43.2)
hd. gy. sound PHYLLITE ROCK with seams
6-29-67

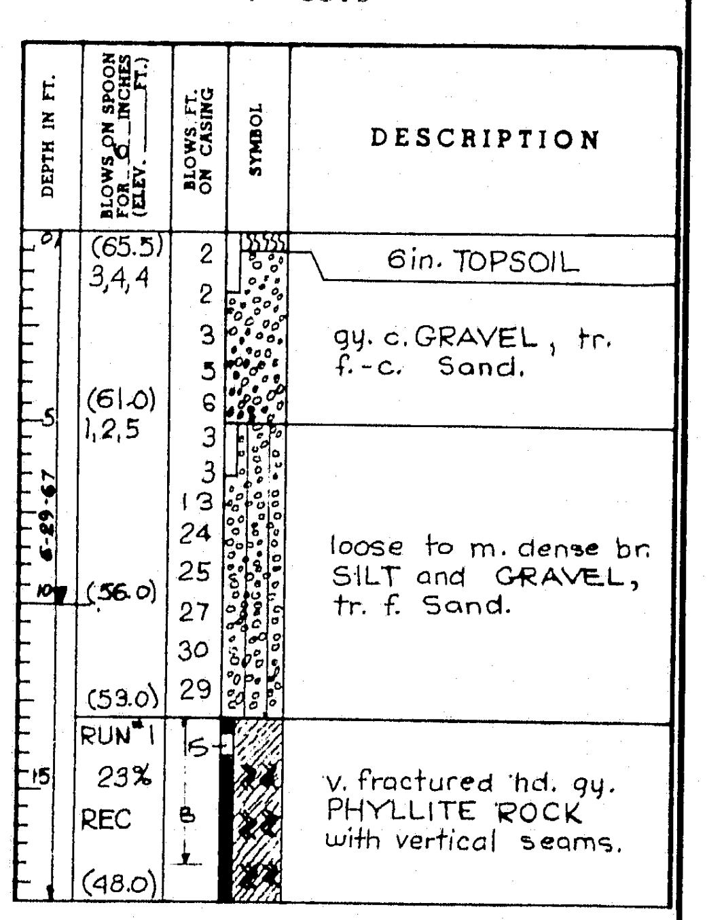
BORING NO. 132

STA. 533+75.0, 13' LT.
GROUND ELEV. +59.7



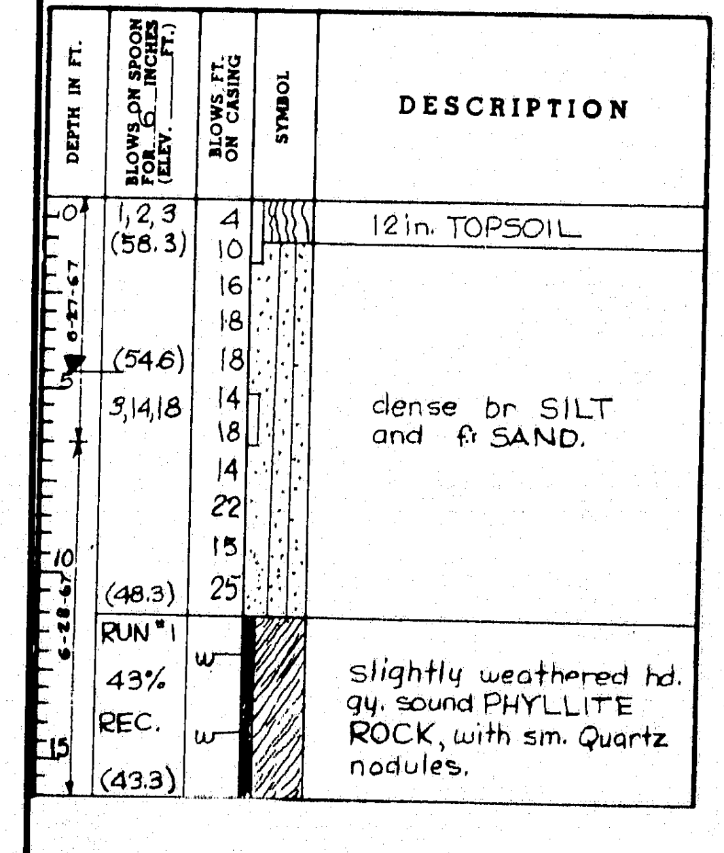
BORING NO. 133

STA. 533+75.0, 42' RT.
GROUND ELEV. +66.0


DEPTH IN FT.
BLOWS ON SPOON FOR 6 INCHES (ELEV. FT.)
BLOWS/FT. ON CASING
SYMBOL
DESCRIPTION
(65.5) 3,4,4
2 2 3 5 6 3 3 13 24 25 27 30 29
6 in. TOPSOIL
gy. c. GRAVEL, tr. f.-c. Sand.
(61.0) 1,2,5 (56.0) (53.0)
loose to m. dense br. SILT and GRAVEL, tr. f. Sand.
RUN #1 23% REC (48.0)
v. fractured hd. gy. PHYLLITE ROCK with vertical seams.
6-29-67

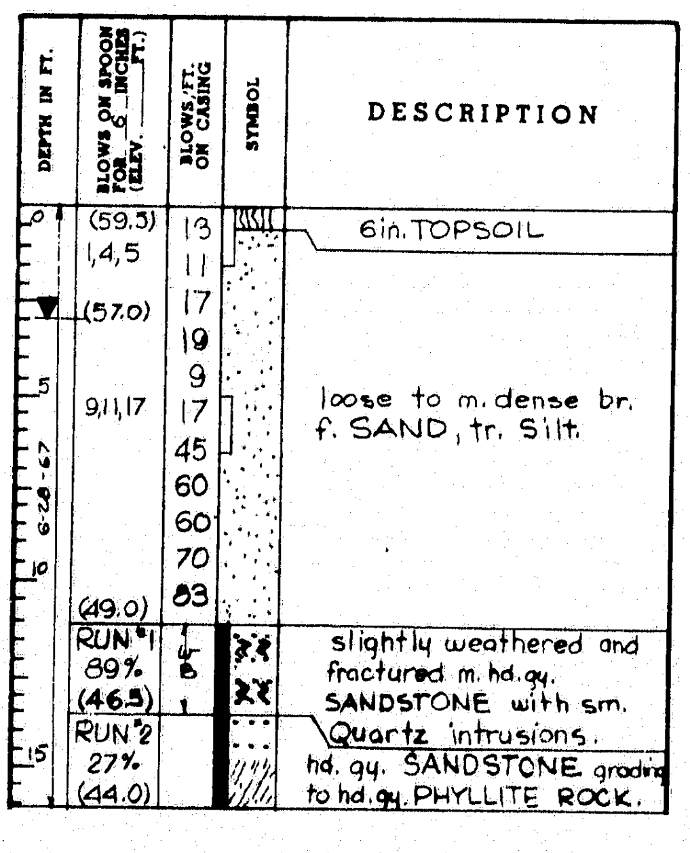
BORING NO. 134

STA. 534+70.7, 44' LT.
GROUND ELEV. +59.3



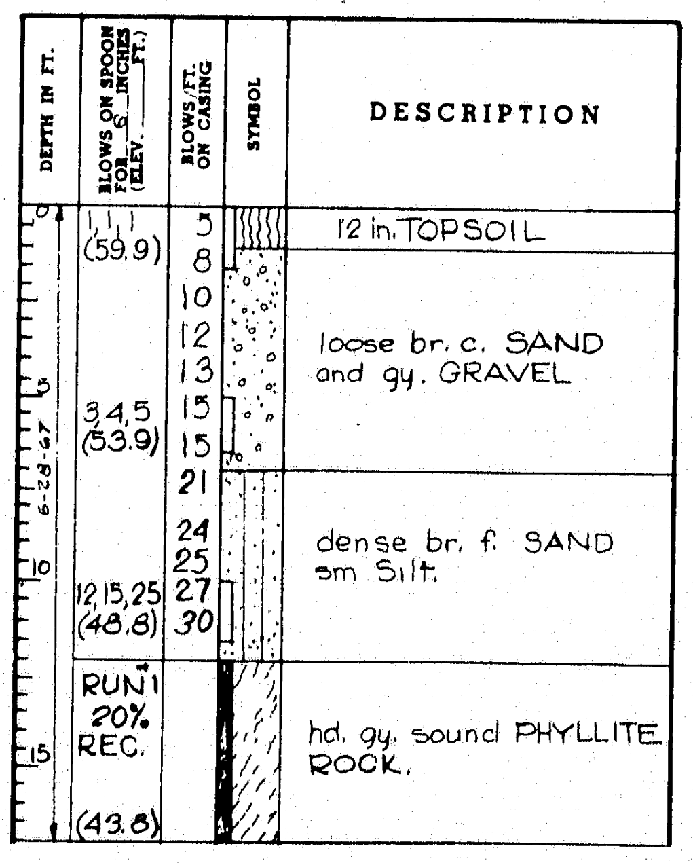
BORING NO. 135

STA. 534+70.7, 11' RT.
GROUND ELEV. +60.0


DEPTH IN FT.
BLOWS ON SPOON FOR 6 INCHES (ELEV. FT.)
BLOWS/FT. ON CASING
SYMBOL
DESCRIPTION
(59.5) 1,4,5 (57.0)
13 11 17 19 9 17 45 60 60 70 83
6 in. TOPSOIL
9,11,17 (49.0)
loose to m. dense br. f. SAND, tr. Silt.
RUN #1 89% (46.5)
slightly weathered and fractured m. hd. gy. SANDSTONE with sm. Quartz intrusions.
RUN #2 27% (44.0)
hd. gy. SANDSTONE grading to hd. gy. PHYLLITE ROCK.
6-28-67

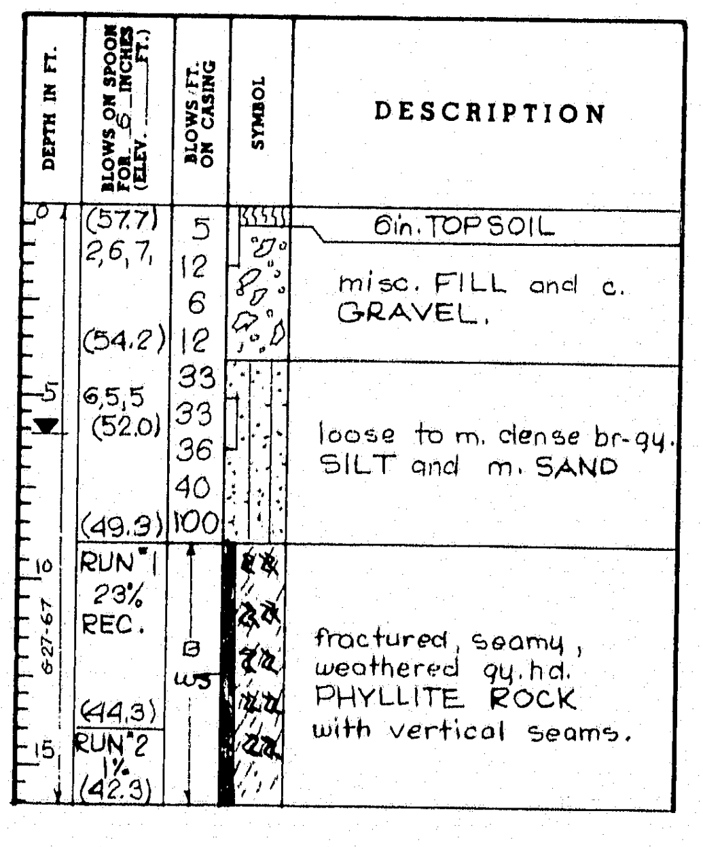
BORING NO. 136

STA. 534+65.7, 40' RT.
GROUND ELEV. +60.9



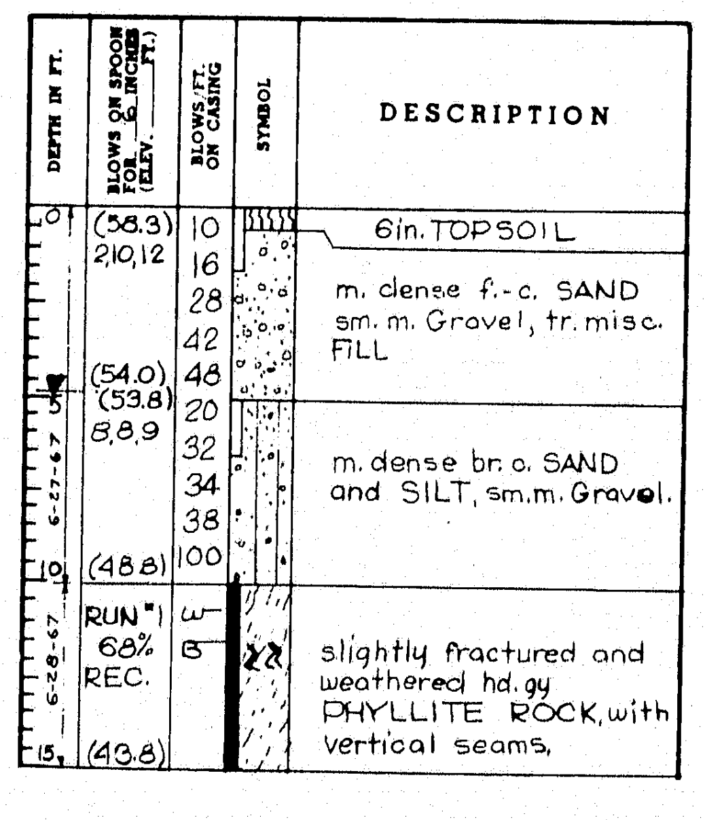
BORING NO. 137

STA. 535+66.3, 42' LT.
GROUND ELEV. +58.2


DEPTH IN FT.
BLOWS ON SPOON FOR 6 INCHES (ELEV. FT.)
BLOWS/FT. ON CASING
SYMBOL
DESCRIPTION
(57.7) 2,6,7, (54.2)
5 12 6 12 33 33 36 40 100
6 in. TOPSOIL
misc. FILL and c. GRAVEL.
6,5,5 (52.0) (49.3)
loose to m. dense br.-gy. SILT and m. SAND
RUN #1 23% REC. (44.3)
RUN #2 1% (42.3)
fractured, seamy, weathered gy. hd. PHYLLITE ROCK with vertical seams.
6-27-67

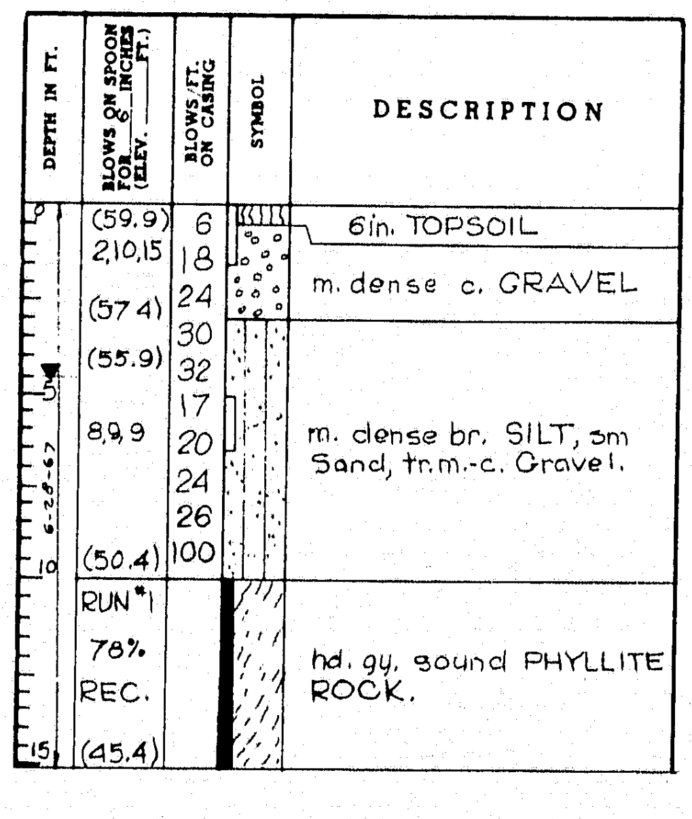
BORING NO. 138

STA. 535+66.3, 10' LT.
GROUND ELEV. +58.8


DEPTH IN FT.
BLOWS ON SPOON FOR 6 INCHES (ELEV. FT.)
BLOWS/FT. ON CASING
SYMBOL
DESCRIPTION
(58.3) 2,10,12
10 16 28 42 48 20 32 34 38 100
6 in. TOPSOIL
m. dense f.-c. SAND sm. m. Gravel, tr. misc. FILL
(54.0) (53.8) 8,8,9 (48.8)
m. dense br. c. SAND and SILT, sm. m. Gravel.
RUN #1 68% REC. (43.8)
slightly fractured and weathered hd. gy PHYLLITE ROCK, with vertical seams.
6-27-67
6-28-67

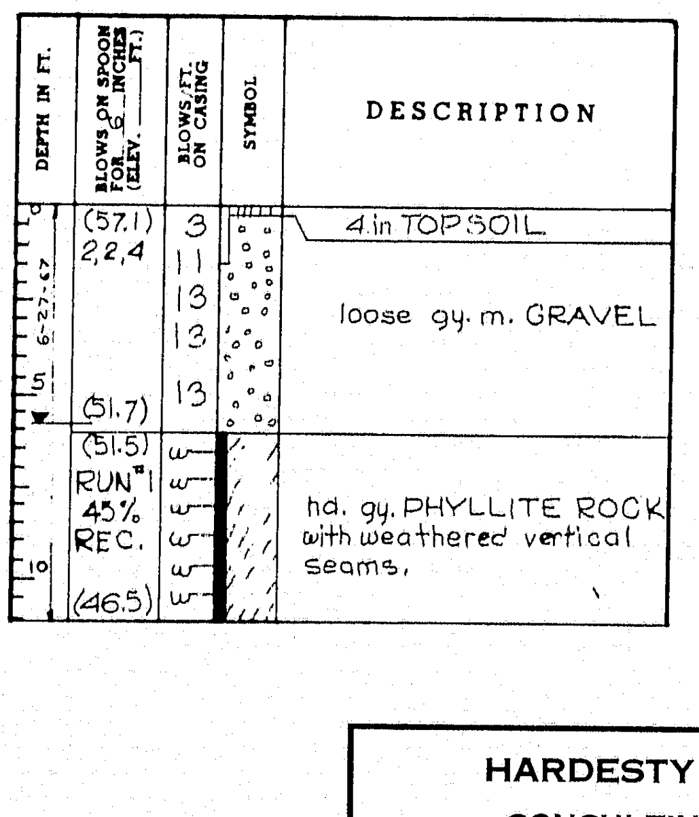
BORING NO. 139

STA. 535+66.3, 42' RT.
GROUND ELEV. +60.4



BORING NO. 140

STA. 536+62.0, 42' LT.
GROUND ELEV. +57.4


DEPTH IN FT.
BLOWS ON SPOON FOR 6 INCHES (ELEV. FT.)
BLOWS/FT. ON CASING
SYMBOL
DESCRIPTION
(57.1) 2,2,4 (51.7)
3 11 13 13 13
4 in TOPSOIL
loose gy. m. GRAVEL
(51.5) RUN #1 45% REC. (46.5)
hd. gy. PHYLLITE ROCK with weathered vertical seams.
6-27-67

HARDESTY & HANOVER
CONSULTING ENGINEERS
NEW YORK, N. Y.

DESIGN –
TRACE – V.V.Maltz
CHECK – E.A. Bund

BRIDGE NO.
IN CHARGE OF – R. W. Christie

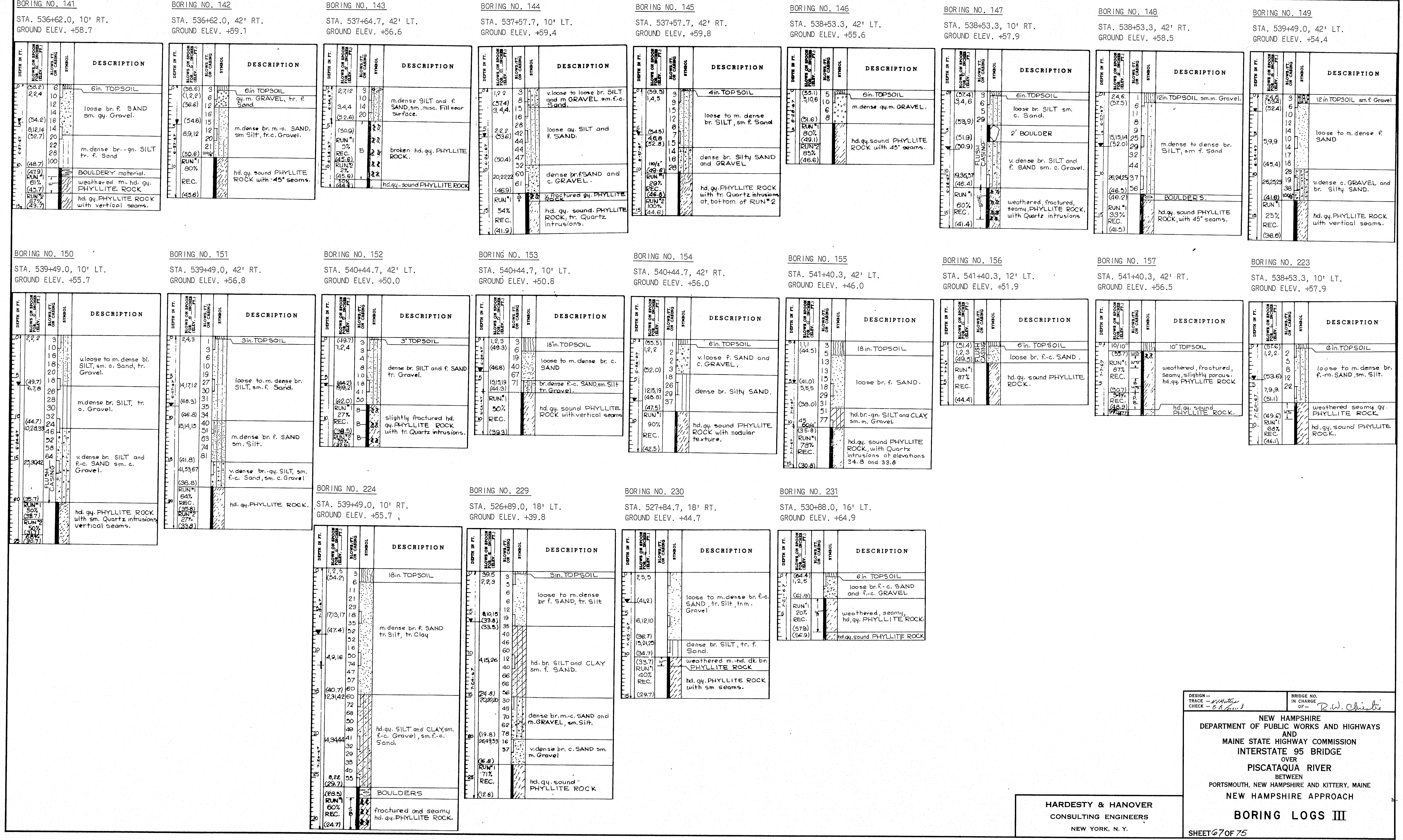
NEW HAMPSHIRE
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
AND
MAINE STATE HIGHWAY COMMISSION
INTERSTATE 95 BRIDGE
OVER
PISCATAQUA RIVER
BETWEEN
PORTSMOUTH, NEW HAMPSHIRE AND KITTERY, MAINE
NEW HAMPSHIRE APPROACH

BORING LOGS II

SHEET 66 OF 75

129-5

B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	1-95-1(22)16	67	75


BORING NO. 141
STA. 536+62.0, 10' RT.
GROUND ELEV. +58.7
DEPTH IN FT.
BLOWS ON SPOON FOR 6 INCHES (ELEV. FT.)
BLOWS/FT. ON CASING
SYMBOL
DESCRIPTION
6in. TOPSOIL
loose br. f. SAND sm. gy. Gravel.
m. dense br.-gn. SILT tr. f. Sand
BOULDERY material.
weathered m.-hd. gy. PHYLLITE ROCK
hd. gy. PHYLLITE ROCK with vertical seams.
BORING NO. 142
STA. 536+62.0, 42' RT.
GROUND ELEV. +59.1
6in TOPSOIL
gy. m. GRAVEL, tr. f. Sand.
m. dense br. m.-c. SAND, sm Silt, tr. c. Gravel.
hd. gy. sound PHYLLITE ROCK with 45° seams.
BORING NO. 143
STA. 537+64.7, 42' LT.
GROUND ELEV. +56.6
m. dense SILT and f. SAND, sm. misc. Fill near surface.
broken hd. gy. PHYLLITE ROCK.
hd. gy. sound PHYLLITE ROCK
BORING NO. 144
STA. 537+57.7, 10' LT.
GROUND ELEV. +59.4
v. loose to loose br. SILT and m GRAVEL sm. f.-c. Sand.
loose gy. SILT and f. SAND.
dense br. f. SAND and c. GRAVEL.
v. fractured gy. PHYLLITE ROCK
hd. gy. sound. PHYLLITE ROCK, tr. Quartz intrusions.
BORING NO. 145
STA. 537+57.7, 42' RT.
GROUND ELEV. +59.8
4in. TOPSOIL
loose to m. dense br. SILT, sm f. Sand
dense br. Silty SAND and GRAVEL
hd. gy. PHYLLITE ROCK with tr. Quartz intrusions at bottom of RUN #2
BORING NO. 146
STA. 538+53.3, 42' LT.
GROUND ELEV. +55.6
6in. TOPSOIL
m. dense gy. m. GRAVEL.
hd. gy. sound PHYLLITE ROCK with 45° seams.
BORING NO. 147
STA. 538+53.3, 10' RT.
GROUND ELEV. +57.9
6in. TOPSOIL
loose br. SILT sm. c. Sand.
2' BOULDER
v. dense br. SILT and f. SAND sm. c. Gravel.
weathered, fractured, seamy, PHYLLITE ROCK, with Quartz intrusions
FLUSH CASING
BORING NO. 148
STA. 538+53.3, 42' RT.
GROUND ELEV. +58.5
12in. TOPSOIL sm. m. Gravel.
m. dense to dense br. SILT, sm f. Sand
BOULDERS.
hd. gy. sound PHYLLITE ROCK, with 45° seams.
BORING NO. 149
STA. 539+49.0, 42' LT.
GROUND ELEV. +54.4
12 in TOPSOIL sm. f. Gravel
loose to m. dense f. SAND
v. dense c. GRAVEL and br. Silty SAND.
hd. gy. PHYLLITE ROCK with vertical seams.
BORING NO. 150
STA. 539+49.0, 10' LT.
GROUND ELEV. +55.7
v. loose to m. dense bl. SILT, sm. c. Sand, tr. Gravel.
m. dense br. SILT, tr. c. Gravel.
v. dense br. SILT and f.-c. SAND sm. c. Gravel.
FLUSH CASING
hd. gy. PHYLLITE ROCK with sm. Quartz intrusions vertical seams.
BORING NO. 151
STA. 539+49.0, 42' RT.
GROUND ELEV. +56.8
3in. TOPSOIL
loose to m. dense br. SILT, sm. f. Sand.
m. dense br. f. SAND sm. Silt.
v. dense br.-gy. SILT, sm. f.-c. Sand, sm. c. Gravel
hd. gy. PHYLLITE ROCK.
BORING NO. 152
STA. 540+44.7, 42' LT.
GROUND ELEV. +50.0
3" TOPSOIL
dense br. SILT and f. SAND tr. Gravel.
slightly fractured hd. gy. PHYLLITE ROCK with tr. Quartz intrusions.
BORING NO. 153
STA. 540+44.7, 10' LT.
GROUND ELEV. +50.8
18in. TOPSOIL
loose to m. dense br. c. SAND
br. dense f.-c. SAND, sm. Silt tr. Gravel.
hd. gy. sound PHYLLITE ROCK with vertical seams
BORING NO. 154
STA. 540+44.7, 42' RT.
GROUND ELEV. +56.0
6in. TOPSOIL
v. loose f. SAND and c. GRAVEL.
dense br. Silty SAND.
hd. gy. sound PHYLLITE ROCK with nodular texture.
BORING NO. 155
STA. 541+40.3, 42' LT.
GROUND ELEV. +46.0
18 in. TOPSOIL
loose br. f. SAND.
hd. br.-gn. SILT and CLAY, sm. m. Gravel.
hd. gy. sound PHYLLITE ROCK, with Quartz intrusions at elevations 34.8 and 33.8
BORING NO. 156
STA. 541+40.3, 12' LT.
GROUND ELEV. +51.9
6in. TOPSOIL
loose br. f.-c. SAND.
hd. gy. sound PHYLLITE ROCK.
FLUSH CASING
BORING NO. 157
STA. 541+40.3, 42' RT.
GROUND ELEV. +56.5
10" TOPSOIL
weathered, fractured, seamy, slightly porous, hd. gy. PHYLLITE ROCK
hd. gy. sound PHYLLITE ROCK.
BORING NO. 223
STA. 538+53.3, 10' LT.
GROUND ELEV. +57.9
6in. TOPSOIL
loose to m. dense br. f.-m. SAND, sm. Silt.
weathered seamy gy. PHYLLITE ROCK
hd. gy. sound PHYLLITE ROCK.
BORING NO. 224
STA. 539+49.0, 10' RT.
GROUND ELEV. +55.7
18in. TOPSOIL
m. dense br. f. SAND tr. Silt, tr. Clay
hd. gy. SILT and CLAY, sm. f.-c. Gravel, sm. f.-c. Sand.
BOULDERS
fractured and seamy hd. gy. PHYLLITE ROCK.
BORING NO. 229
STA. 526+89.0, 18' LT.
GROUND ELEV. +39.8
3in. TOPSOIL
loose to m. dense br f. SAND, tr. Silt
hd. br. SILT and CLAY sm. f. SAND.
dense br. m.-c. SAND and m. GRAVEL, sm. Silt.
v. dense br. c. SAND sm. m. Gravel
hd. gy. sound PHYLLITE ROCK
BORING NO. 230
STA. 527+84.7, 18' RT.
GROUND ELEV. +44.7
loose to m. dense br. f.-c. SAND, tr. Silt, tr. m. Gravel
dense br. SILT, tr. f. Sand.
weathered m.-hd. dk. br. PHYLLITE ROCK
hd. gy. PHYLLITE ROCK with sm. seams.
BORING NO. 231
STA. 530+88.0, 16' LT.
GROUND ELEV. +64.9
6in TOPSOIL
loose br. f.-c. SAND and f.-c. GRAVEL
weathered, seamy, hd. gy. PHYLLITE ROCK.
hd. gy. sound PHYLLITE ROCK

DESIGN —
TRACE — N. Matera
CHECK — B. A. [illegible]

BRIDGE NO.
IN CHARGE OF — R. W. Christie

HARDESTY & HANOVER
CONSULTING ENGINEERS
NEW YORK, N. Y.

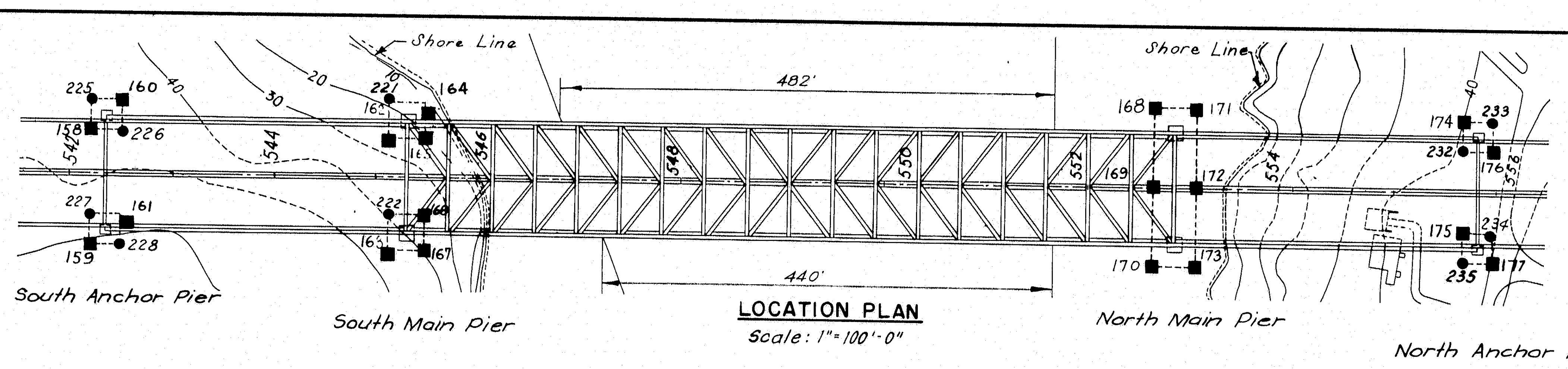
NEW HAMPSHIRE
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
AND
MAINE STATE HIGHWAY COMMISSION
INTERSTATE 95 BRIDGE
OVER
PISCATAQUA RIVER
BETWEEN
PORTSMOUTH, NEW HAMPSHIRE AND KITTERY, MAINE
NEW HAMPSHIRE APPROACH

BORING LOGS III

SHEET 67 OF 75

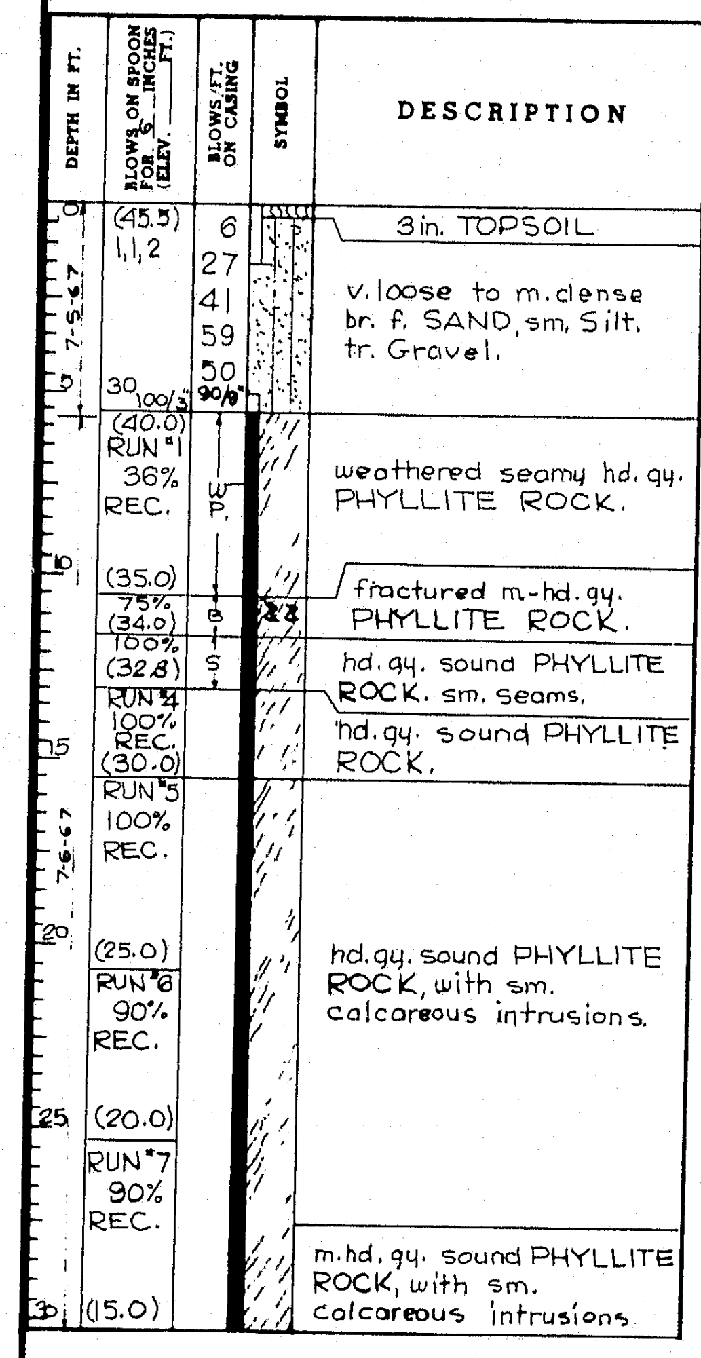
129-6

B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	1—95—1 (22) 16	68	75

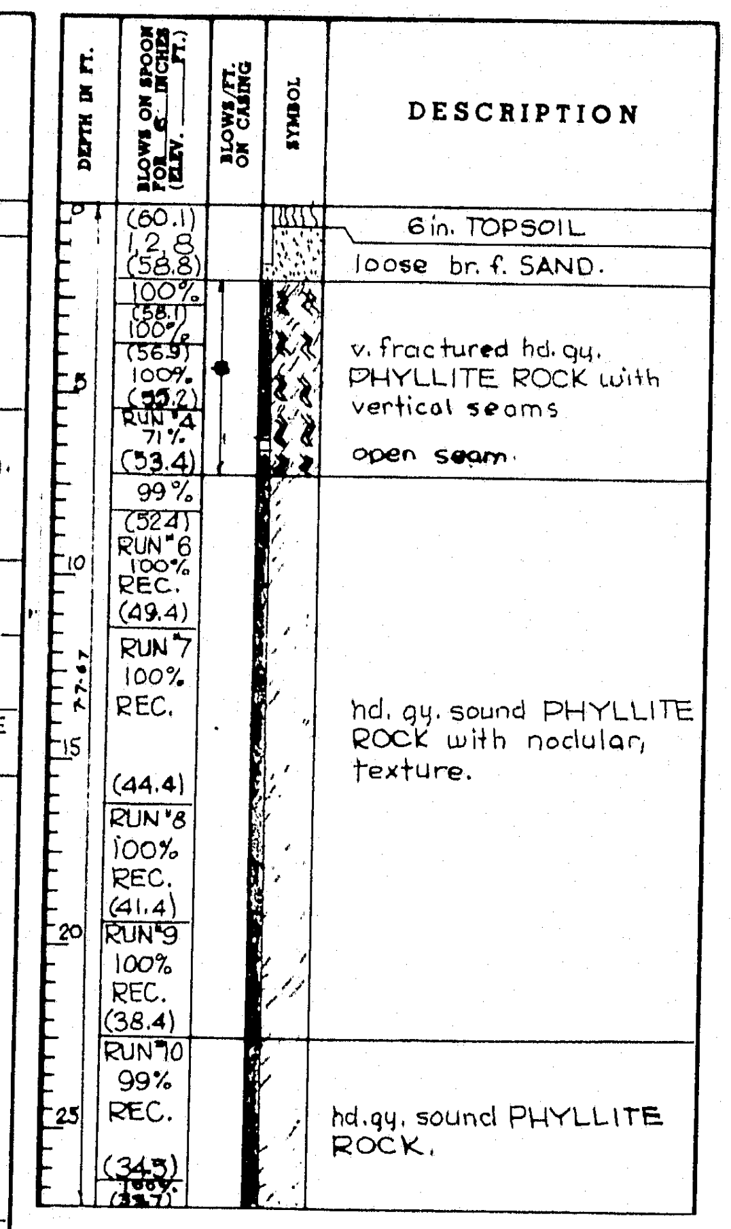


LOCATION PLAN
Scale: 1"=100'-0"

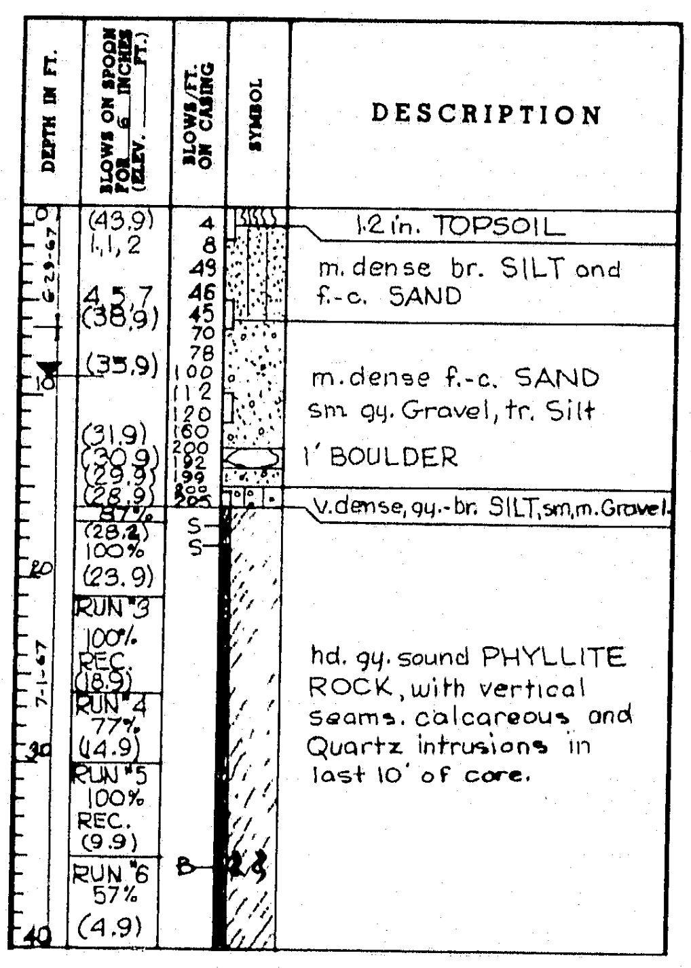
BORING NO. 158
STA. 542+21.0, 40' LT.
GROUND ELEV. +45.8


DEPTH IN FT.
BLOWS ON SPOON FOR 6 INCHES FT. (ELEV.)
BLOWS/FT. ON CASING
SYMBOL
DESCRIPTION
3in. TOPSOIL
v. loose to m. dense br. f. SAND, sm. Silt, tr. Gravel.
weathered seamy hd. gy. PHYLLITE ROCK.
fractured m-hd. gy. PHYLLITE ROCK.
hd. gy. sound PHYLLITE ROCK. sm. seams.
hd. gy. sound PHYLLITE ROCK.
hd. gy. sound PHYLLITE ROCK, with sm. calcareous intrusions.
m-hd. gy. sound PHYLLITE ROCK, with sm. calcareous intrusions

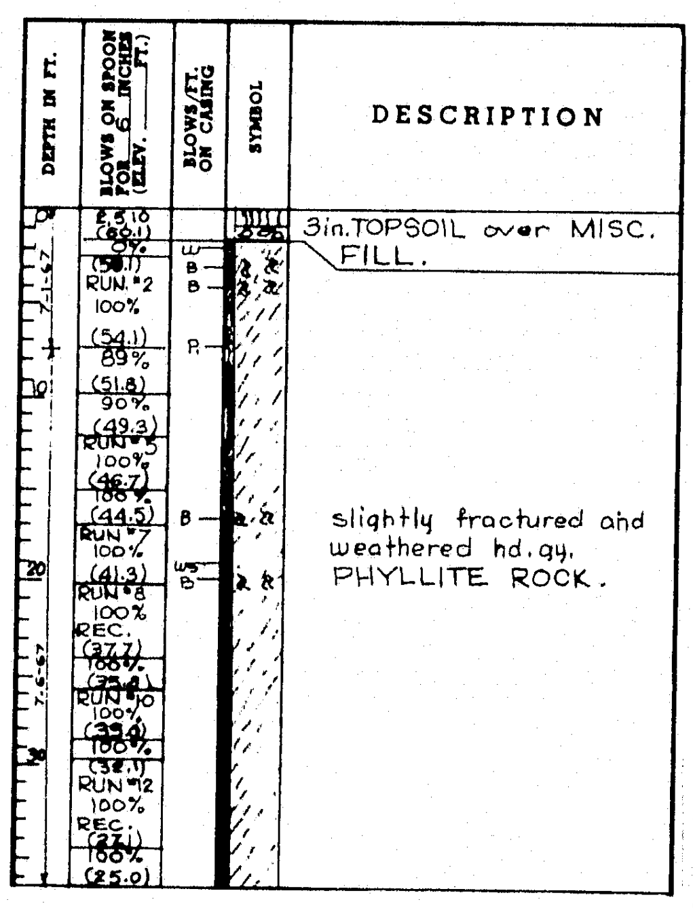
BORING NO. 159
STA. 542+21.0, 70' RT.
GROUND ELEV. +60.6


DESCRIPTION
6in. TOPSOIL
loose br. f. SAND.
v. fractured hd. gy. PHYLLITE ROCK with vertical seams
open seam.
hd. gy. sound PHYLLITE ROCK with nodular, texture.
hd. gy. sound PHYLLITE ROCK.

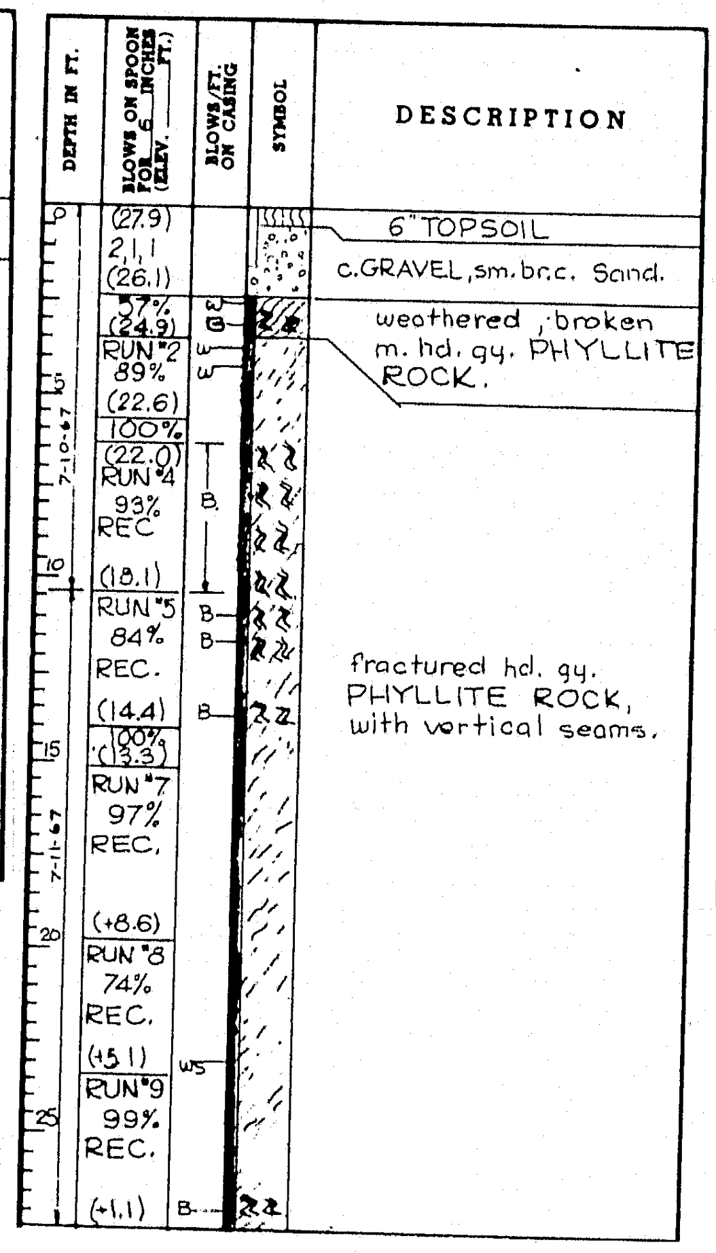
BORING NO. 160
STA. 542+51.0, 70' LT.
GROUND ELEV. +44.9


DESCRIPTION
1.2 in. TOPSOIL
m. dense br. SILT and f.-c. SAND
m. dense f.-c. SAND sm. gy. Gravel, tr. Silt
1' BOULDER
v. dense, gy.-br. SILT, sm. m. Gravel.
hd. gy. sound PHYLLITE ROCK, with vertical seams. calcareous and Quartz intrusions in last 10' of core.

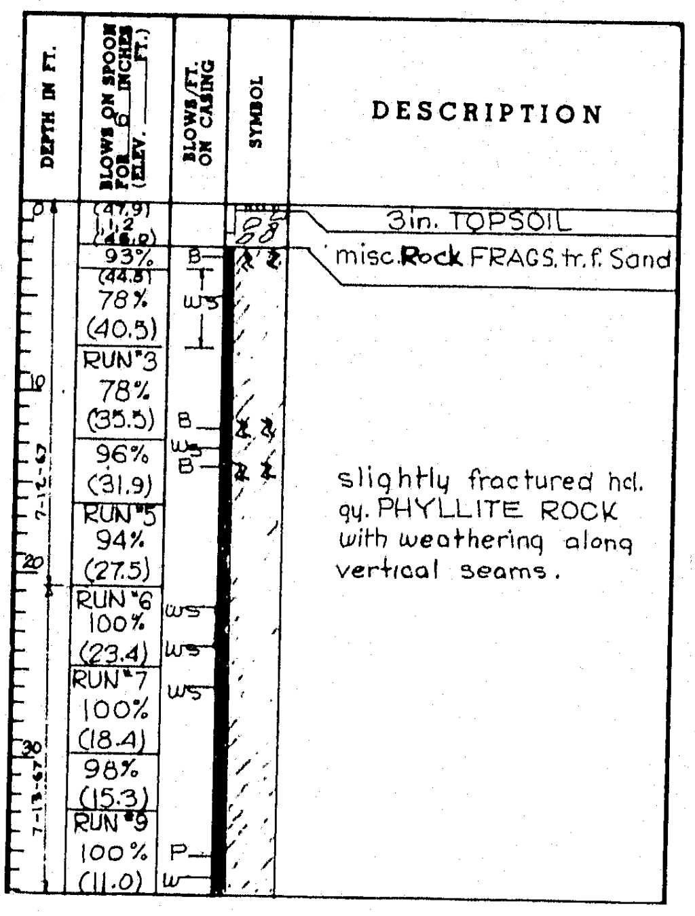
BORING NO. 161
STA. 542+58.1, 47.1' RT.
GROUND ELEV. +61.6


DESCRIPTION
3in. TOPSOIL over MISC. FILL.
slightly fractured and weathered hd. gy. PHYLLITE ROCK.

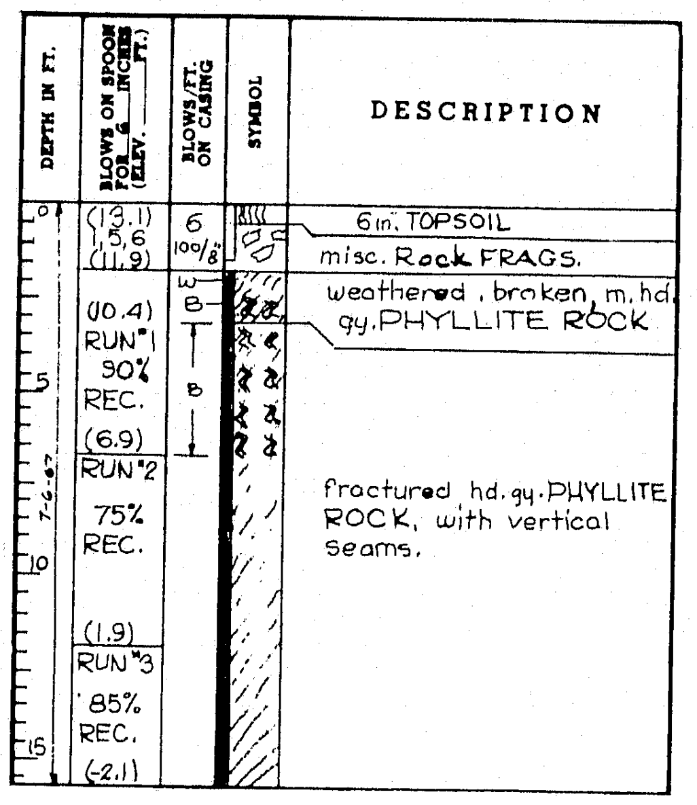
BORING NO. 162
STA. 545+11.0, 36' LT.
GROUND ELEV. +28.4


DESCRIPTION
6" TOPSOIL
c. GRAVEL, sm. br. c. Sand.
weathered, broken m. hd. gy. PHYLLITE ROCK.
fractured hd. gy. PHYLLITE ROCK, with vertical seams.

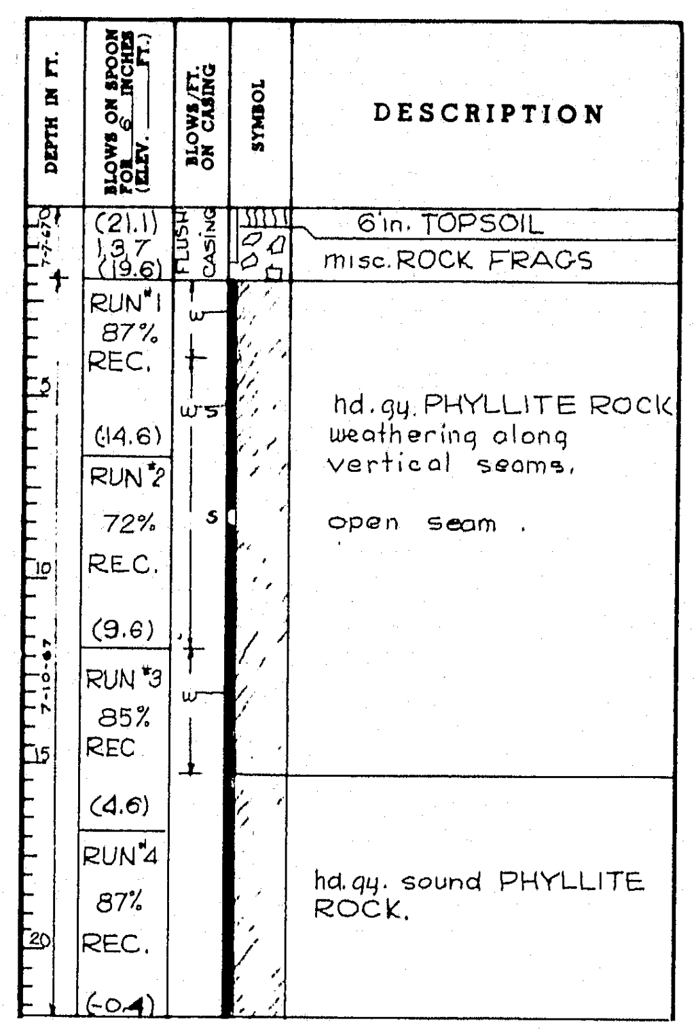
BORING NO. 163
STA. 545+11.0, 74' RT.
GROUND ELEV. +48.2


DESCRIPTION
3in. TOPSOIL
misc. Rock FRAGS. tr. f. Sand
slightly fractured hd. gy. PHYLLITE ROCK with weathering along vertical seams.

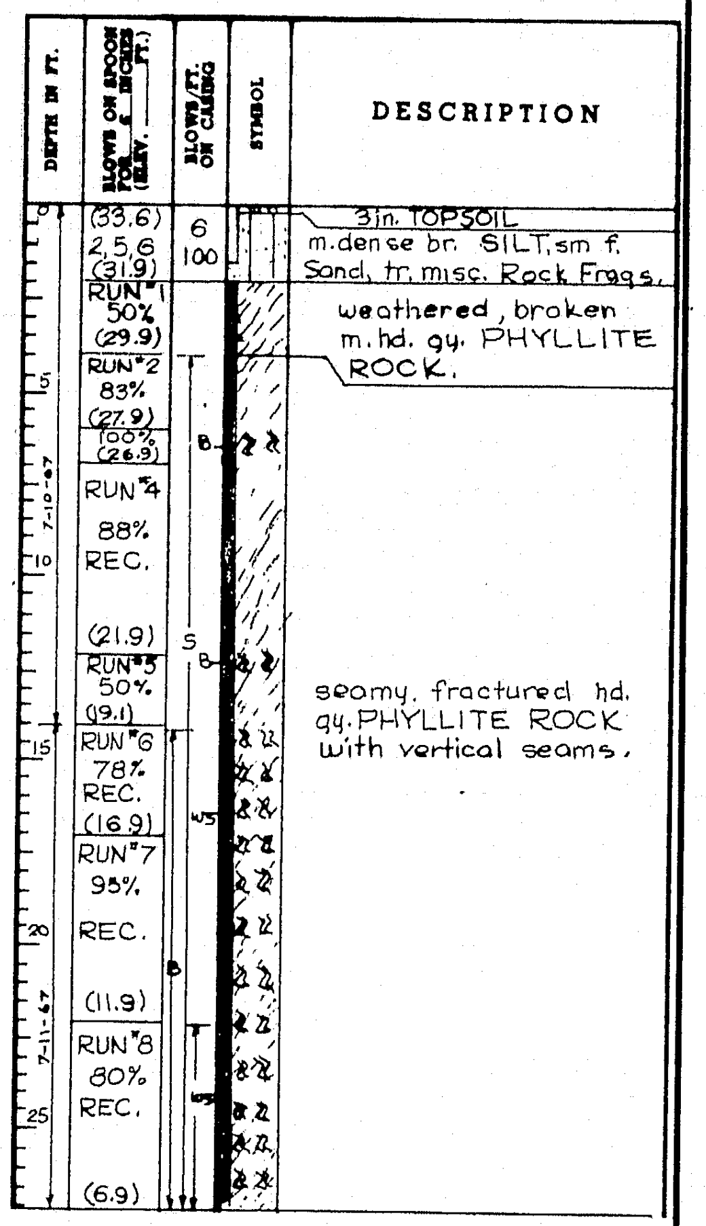
BORING NO. 164
STA. 545+49.0, 69' LT.
GROUND ELEV. + 13.6


DESCRIPTION
6in. TOPSOIL
misc. Rock FRAGS.
weathered, broken, m. hd. gy. PHYLLITE ROCK
fractured hd. gy. PHYLLITE ROCK, with vertical seams.

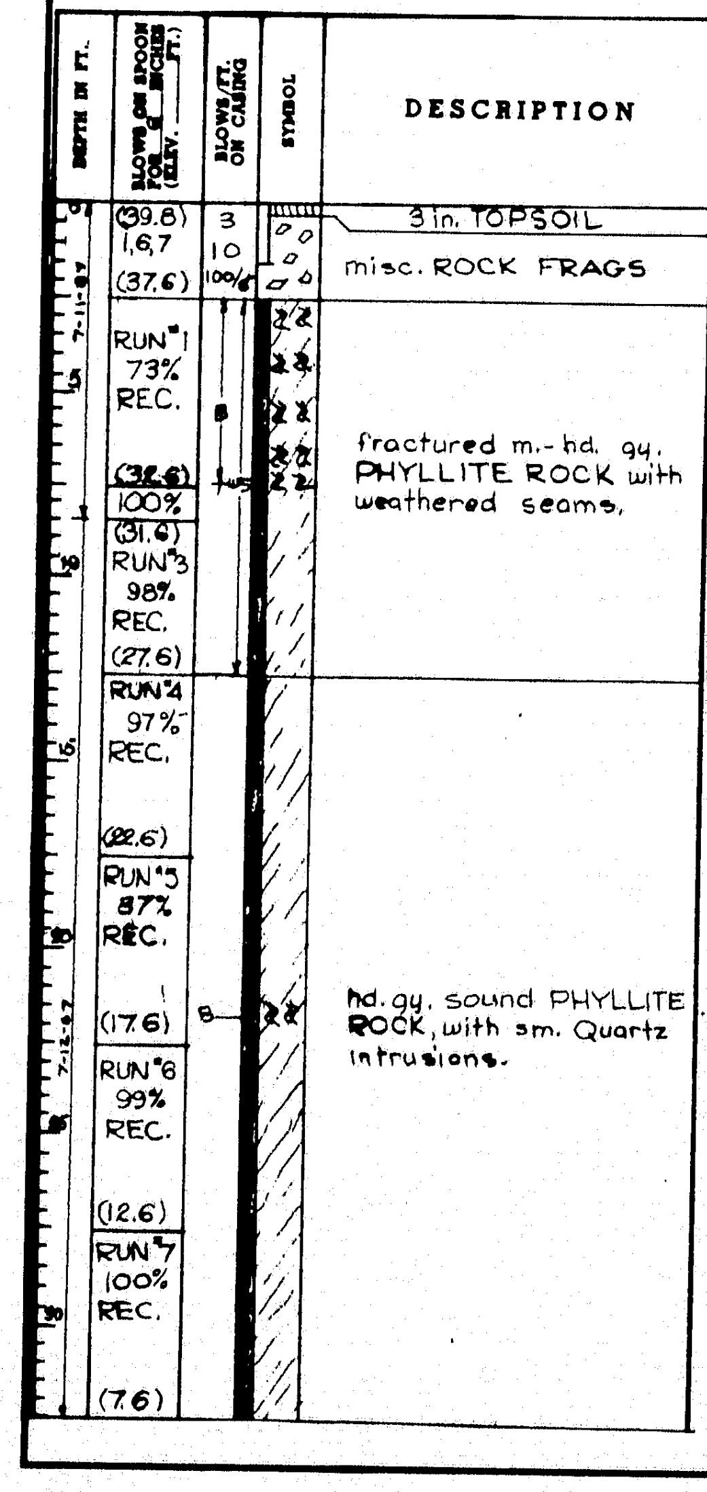
BORING NO. 165
STA. 545+49.0, 36' LT.
GROUND ELEV. +21.3


DESCRIPTION
FLUSH CASING
6in. TOPSOIL
misc. ROCK FRAGS
hd. gy. PHYLLITE ROCK weathering along vertical seams.
open seam.
hd. gy. sound PHYLLITE ROCK.

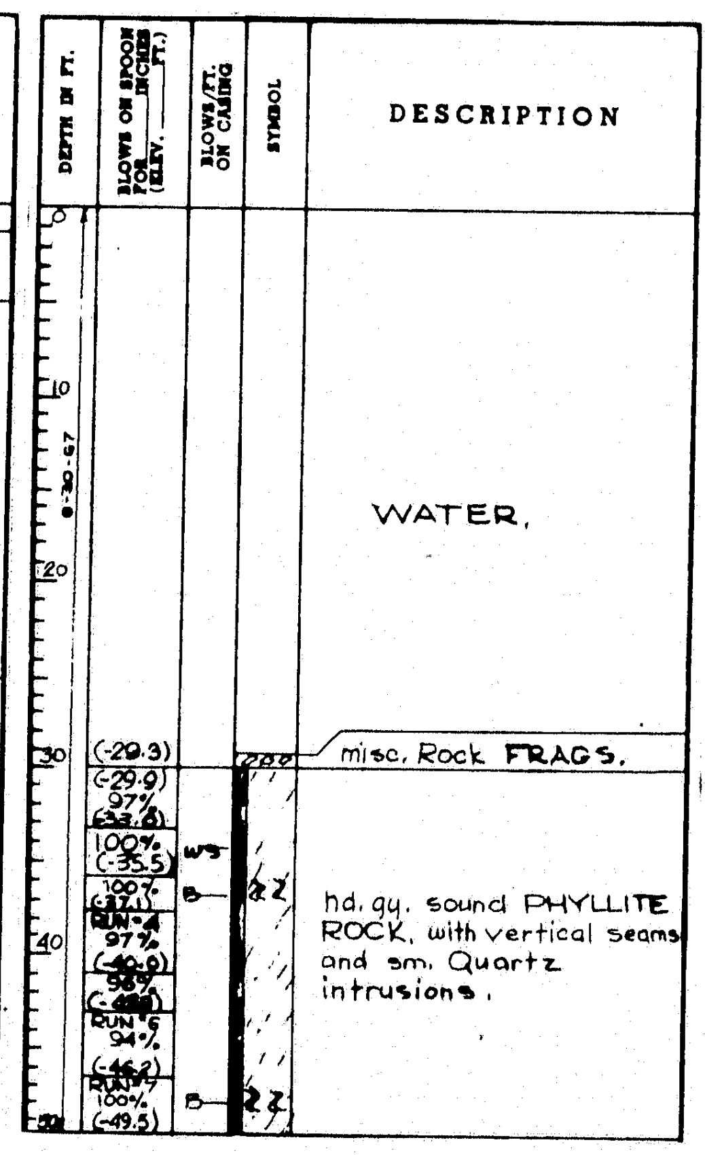
BORING NO. 166
STA. 545+49.0, 36' RT.
GROUND ELEV. +33.9


DESCRIPTION
3in. TOPSOIL
m. dense br. SILT, sm. f. Sand, tr. misc. Rock Frags.
weathered, broken m. hd. gy. PHYLLITE ROCK.
seamy. fractured hd. gy. PHYLLITE ROCK with vertical seams.

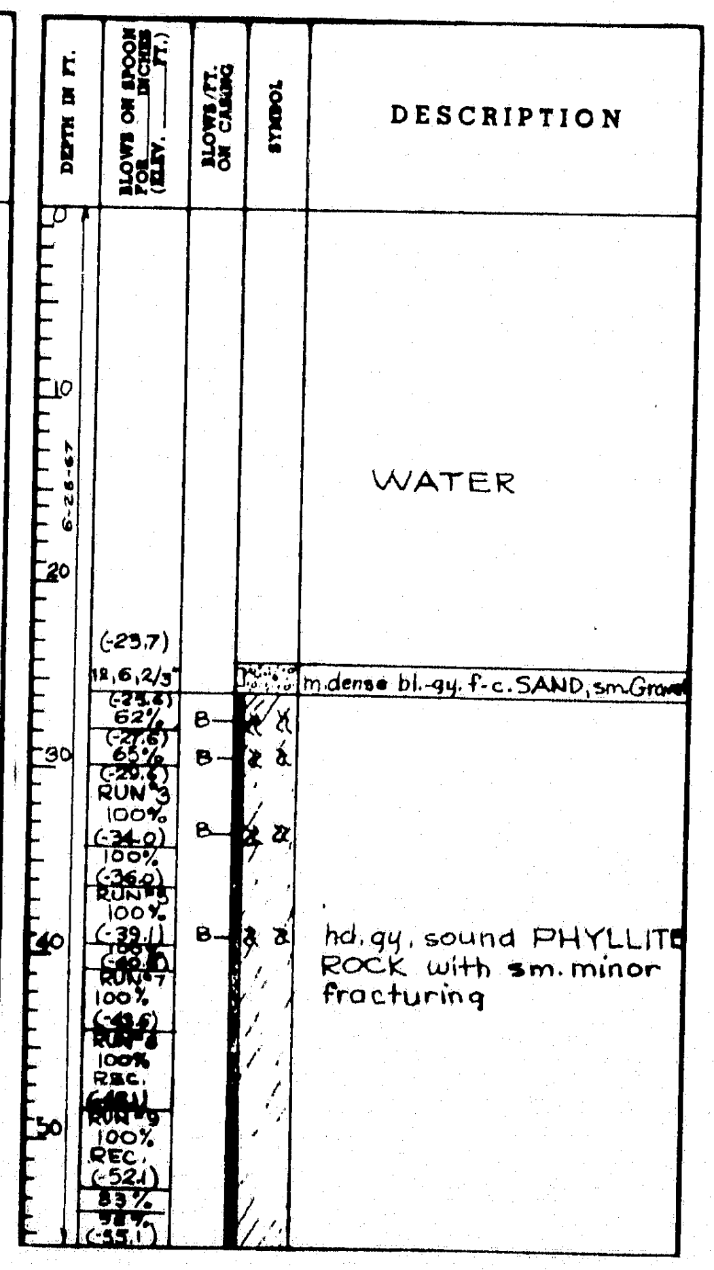
BORING NO. 167
STA. 545+49.0, 74' RT.
GROUND ELEV. +40.1


DESCRIPTION
3in. TOPSOIL
misc. ROCK FRAGS
fractured m.-hd. gy. PHYLLITE ROCK with weathered seams.
hd. gy. sound PHYLLITE ROCK, with sm. Quartz intrusions.

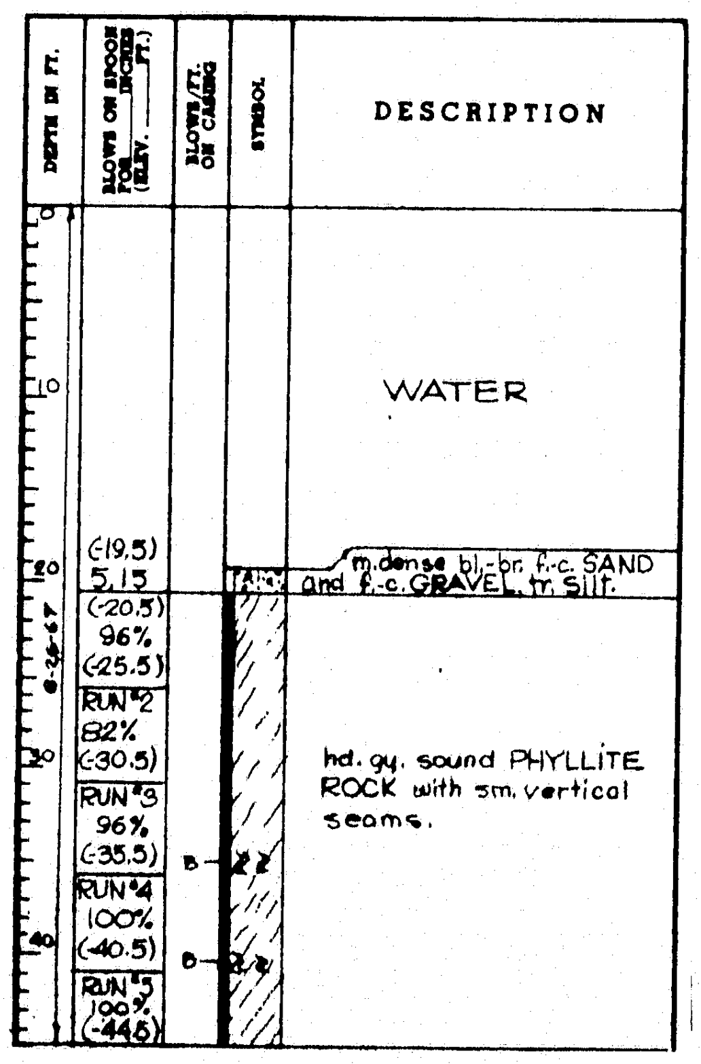
BORING NO. 168
STA. 552+65.0, 78.5' LT.
WATER HOLE


DESCRIPTION
WATER.
misc. Rock FRAGS.
hd. gy. sound PHYLLITE ROCK, with vertical seams and sm. Quartz intrusions.

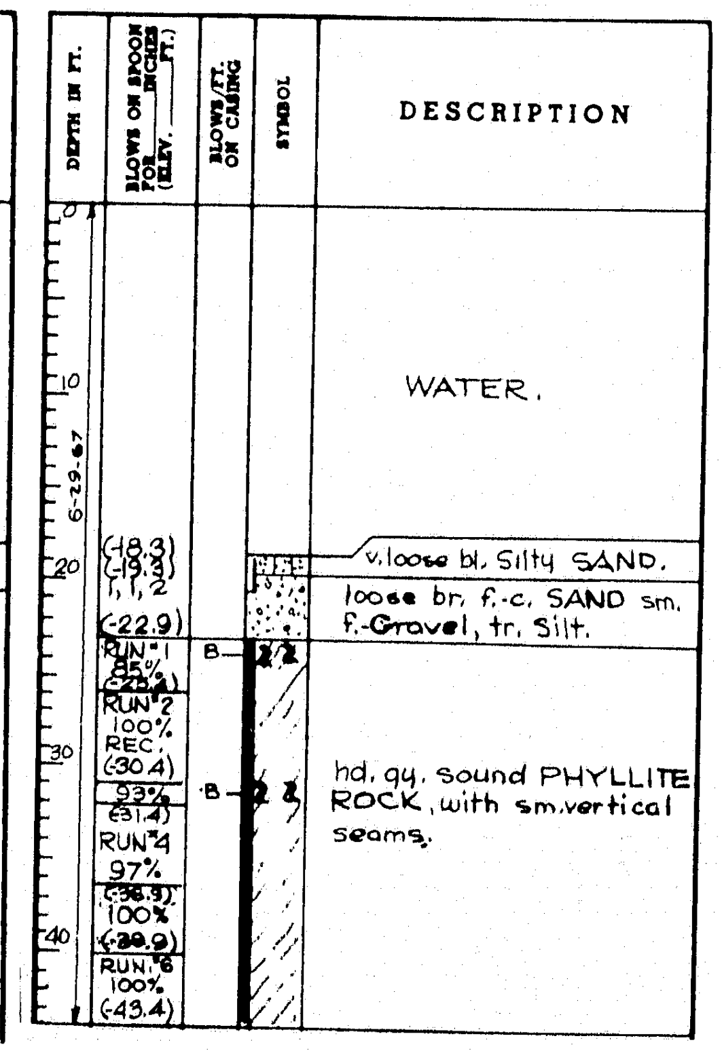
BORING NO. 169
STA. 552+65.0, C.L.
WATER HOLE


DESCRIPTION
WATER
m. dense bl.-gy. f-c. SAND, sm. Gravel
hd. gy. sound PHYLLITE ROCK with sm. minor fracturing

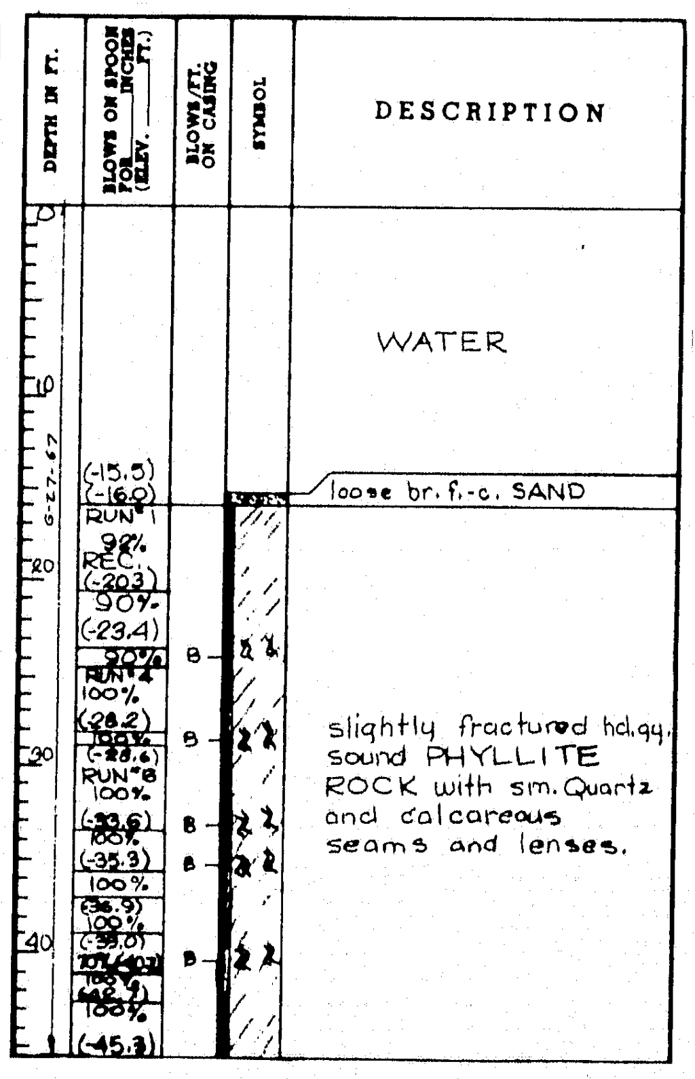
BORING NO. 170
STA. 552+65.0, 78.5' RT.
WATER HOLE


DESCRIPTION
WATER
m. dense bl.-br. f.-c. SAND and f.-c. GRAVEL, tr. Silt.
hd. gy. sound PHYLLITE ROCK with sm. vertical seams.

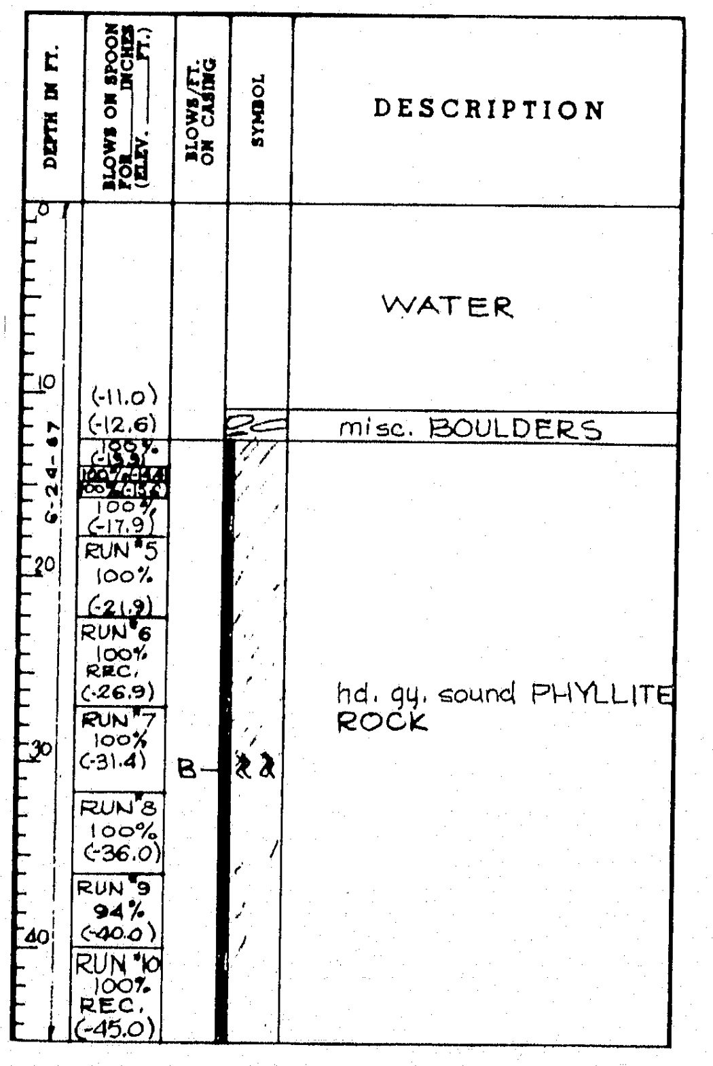
BORING NO. 171
STA. 553+07.0, 78.5' LT.
WATER HOLE


DESCRIPTION
WATER.
v. loose bl. Silty SAND.
loose br. f.-c. SAND sm. f.-Gravel, tr. Silt.
hd. gy. sound PHYLLITE ROCK, with sm. vertical seams.

BORING NO. 172
STA. 553+07.0, C.L.
WATER HOLE


DESCRIPTION
WATER
loose br. f.-c. SAND
slightly fractured hd. gy. sound PHYLLITE ROCK with sm. Quartz and calcareous seams and lenses.

BORING NO. 173
STA. 553+07.0, 78.5' RT.
WATER HOLE



HARDESTY & HANOVER
CONSULTING ENGINEERS
NEW YORK, N.Y.

DESIGN —
TRACE — N.V. Hatten
CHECK — B. A. Grand

BRIDGE NO.
IN CHARGE OF — R. W. Christie

NEW HAMPSHIRE
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
AND
MAINE STATE HIGHWAY COMMISSION
INTERSTATE 95 BRIDGE
OVER
PISCATAQUA RIVER
BETWEEN
PORTSMOUTH, NEW HAMPSHIRE AND KITTERY, MAINE
RIVER BRIDGE

BORING LOGS I

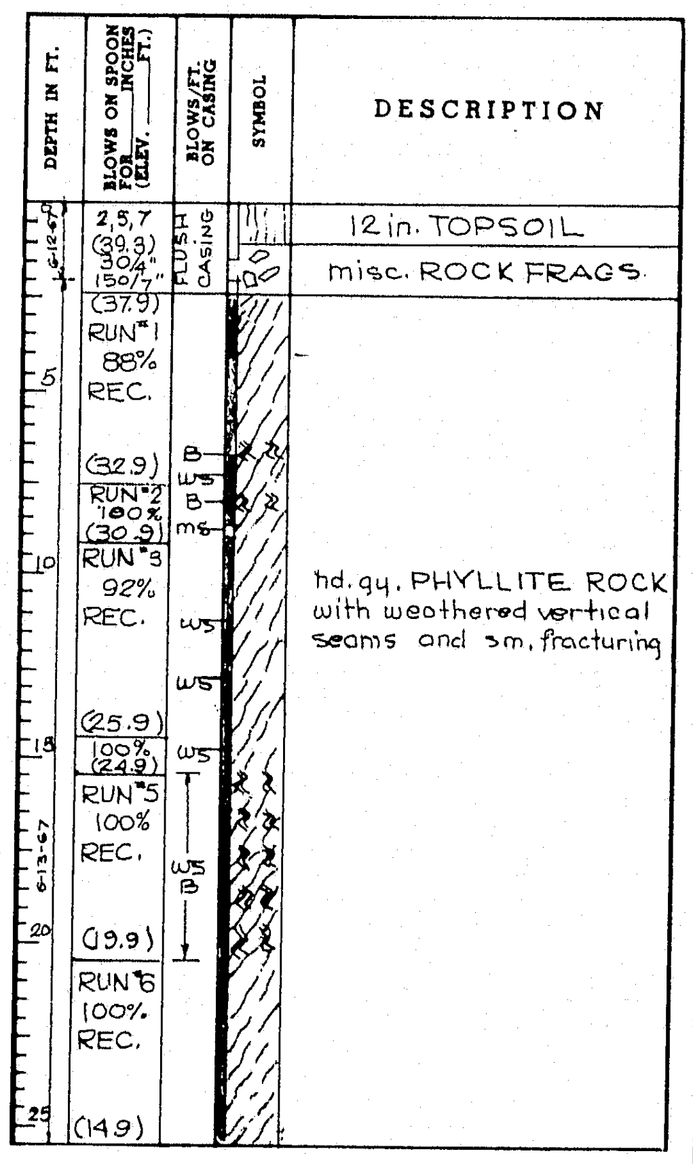
SHEET 68 OF 75

129-7

B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	1—95—1 (22)16	69	75

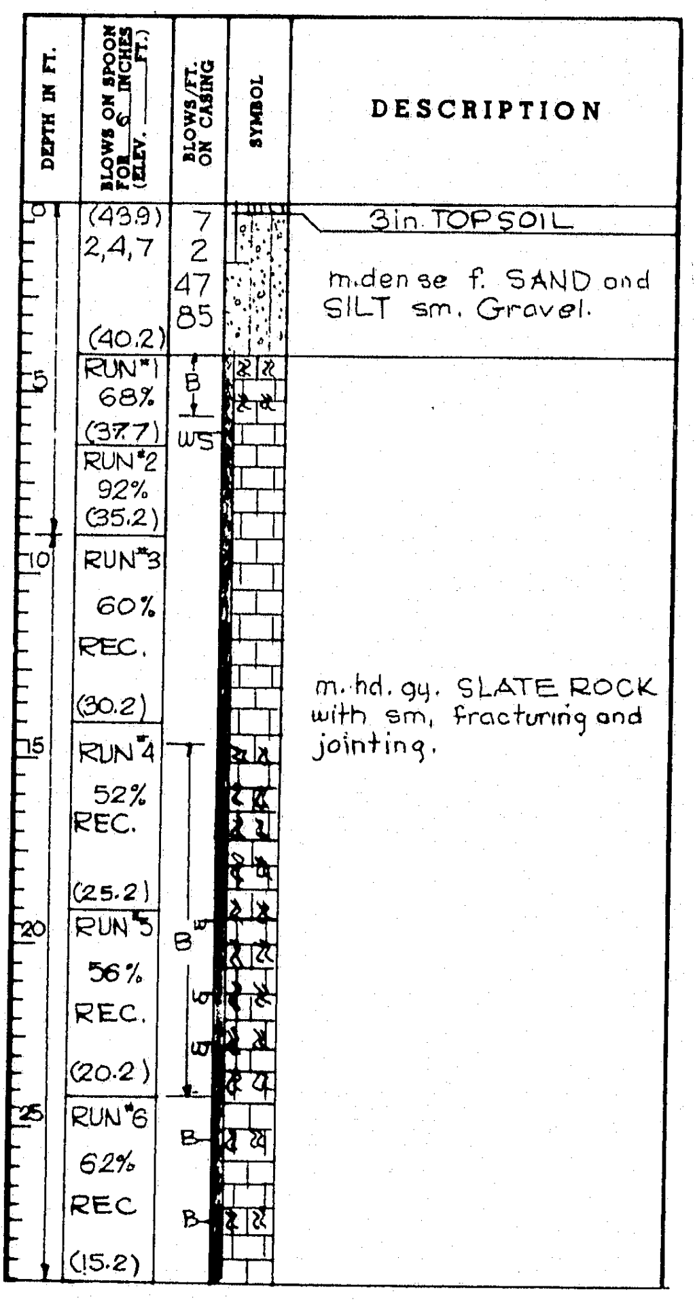
BORING NO. 174

STA. 555+65.0, 70' LT.
GROUND ELEV. +40.3



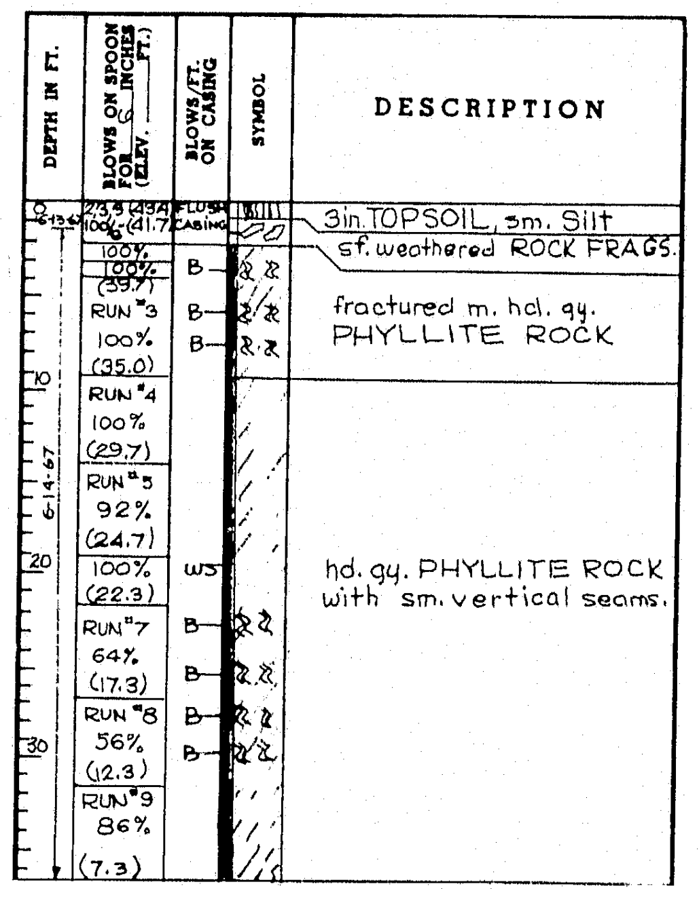
BORING NO. 175

STA. 555+65.0, 40' RT.
GROUND ELEV. +44.2



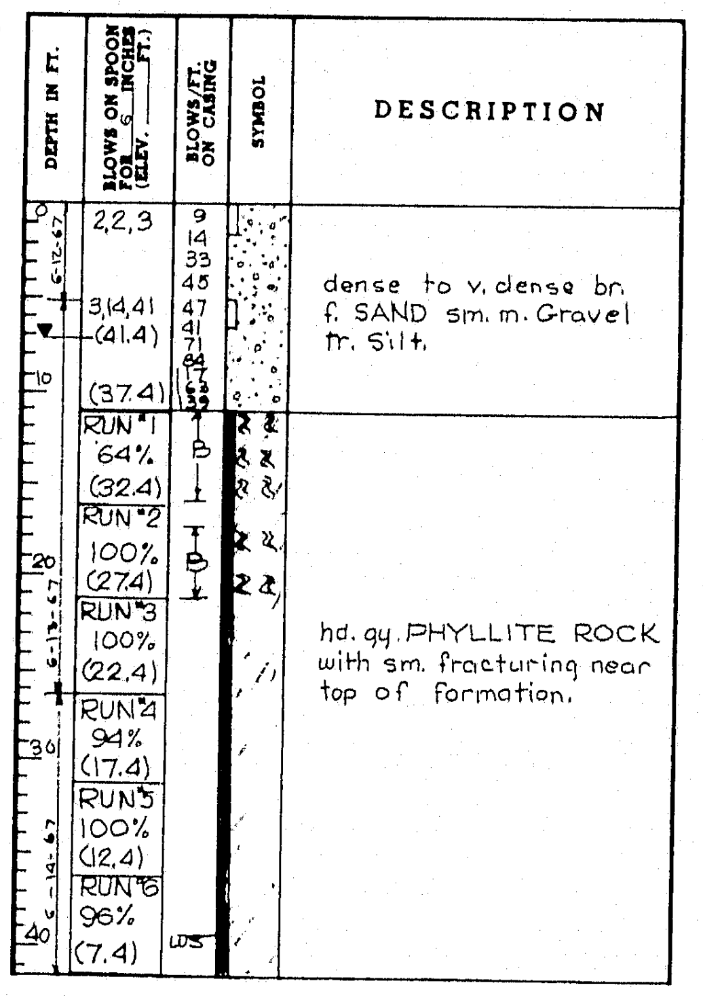
BORING NO. 176

STA. 555+95.0, 40' LT.
GROUND ELEV. +43.7



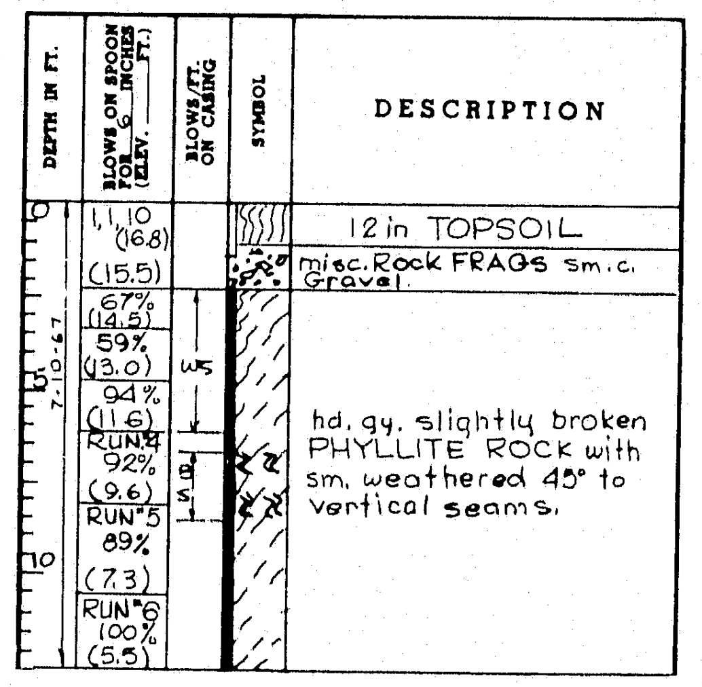
BORING NO. 177

STA. 555+95.0, 70' RT.
GROUND ELEV. +48.4



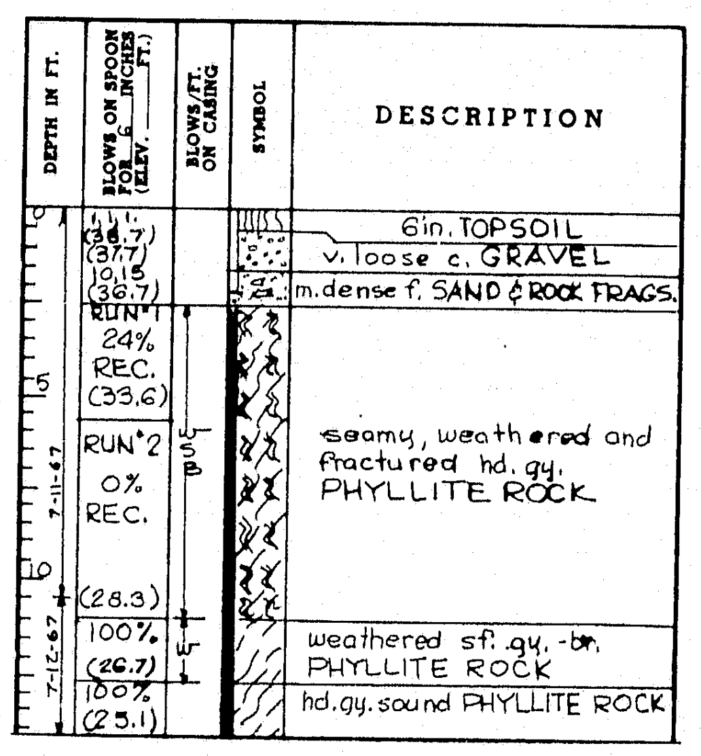
BORING NO. 221

STA. 545+11.0, 74' LT.
GROUND ELEV. +17.8



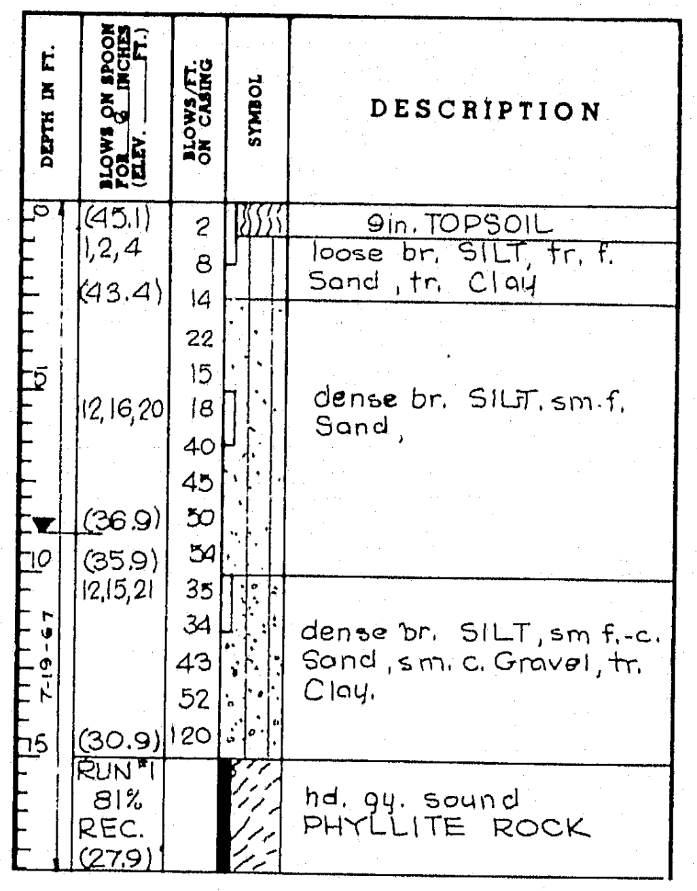
BORING NO. 222

STA. 545+11.0, 36' RT.
GROUND ELEV. +39.2



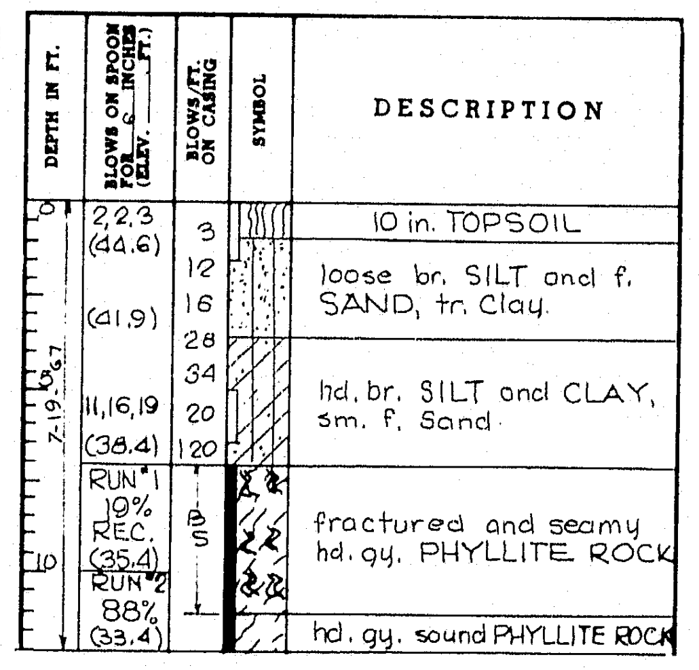
BORING NO. 225

STA. 542+21.0, 70' LT.
GROUND ELEV. +45.9



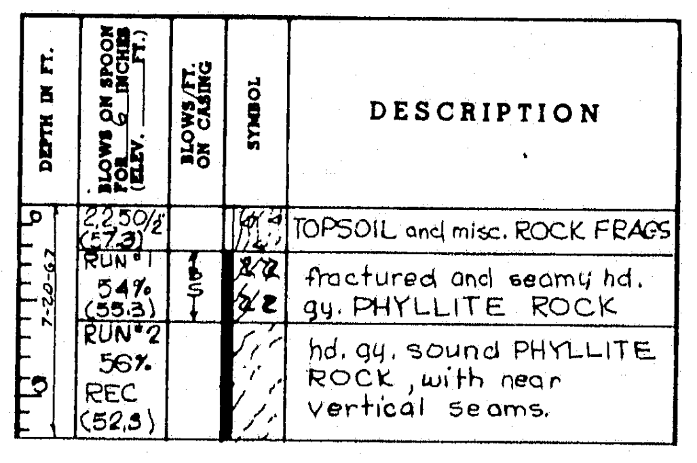
BORING NO. 226

STA. 542+51.0, 40' LT.
GROUND ELEV. +45.4


DEPTH IN FT.
BLOWS ON SPOON FOR 6 INCHES (ELEV. ___ FT.)
BLOWS/FT. ON CASING
SYMBOL
DESCRIPTION
2,2,3 (44.6)
3 12 16 28 34 20 120
10 in. TOPSOIL
(41.9)
loose br. SILT and f. SAND, tr. Clay.
7-19-67
11,16,19 (38.4)
hd. br. SILT and CLAY, sm. f. Sand
RUN #1 19% REC. (35.4)
S B
fractured and seamy hd. gy. PHYLLITE ROCK
RUN #2 88% (33.4)
hd. gy. sound PHYLLITE ROCK
5 10

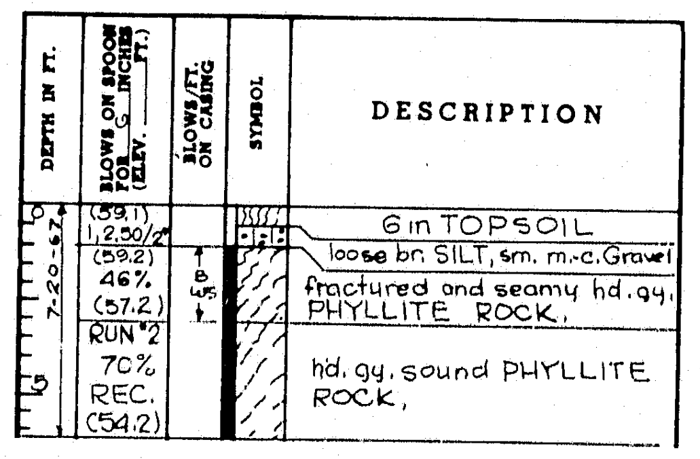
BORING NO. 227

STA. 542+21.0, 40' RT.
GROUND ELEV. +58.5


DEPTH IN FT.
BLOWS ON SPOON FOR 6 INCHES (ELEV. ___ FT.)
BLOWS/FT. ON CASING
SYMBOL
DESCRIPTION
7-20-67
2,2,50/2" (57.3)
TOPSOIL and misc. ROCK FRAGS
RUN #1 54% (55.3)
S B
fractured and seamy hd. gy. PHYLLITE ROCK
RUN #2 56% REC (52.3)
hd. gy. sound PHYLLITE ROCK, with near vertical seams.
5

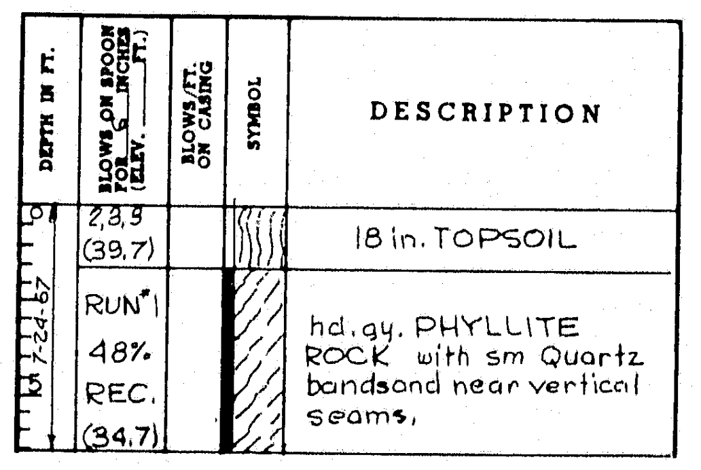
BORING NO. 228

STA. 542+51.0, 70' RT.
GROUND ELEV. +60.4


DEPTH IN FT.
BLOWS ON SPOON FOR 6 INCHES (ELEV. ___ FT.)
BLOWS/FT. ON CASING
SYMBOL
DESCRIPTION
7-20-67
(59.1) 1,2,50/2" (59.2)
6 in TOPSOIL
loose br. SILT, sm. m.-c. Gravel
46% (57.2)
B WS
fractured and seamy hd. gy. PHYLLITE ROCK.
RUN #2 70% REC. (54.2)
hd. gy. sound PHYLLITE ROCK,
5

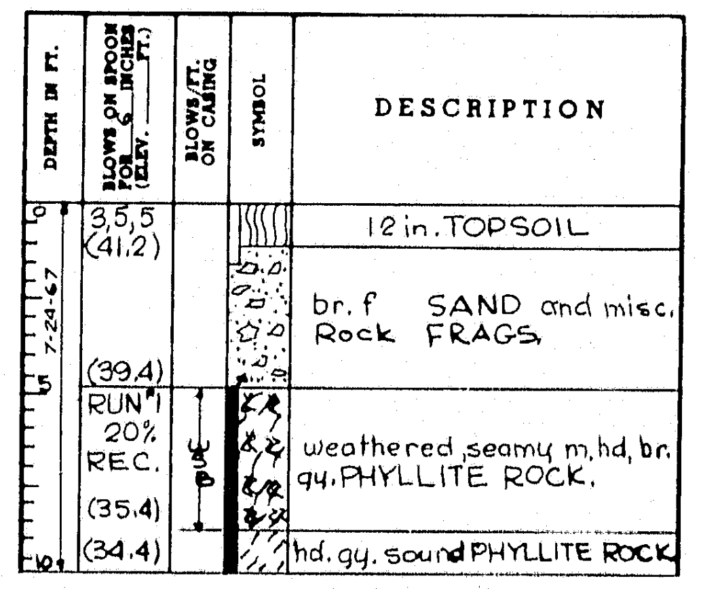
BORING NO. 232

STA. 555+65.0, 40' LT.
GROUND ELEV. +41.2


DEPTH IN FT.
BLOWS ON SPOON FOR 6 INCHES (ELEV. ___ FT.)
BLOWS/FT. ON CASING
SYMBOL
DESCRIPTION
7-24-67
2,3,9 (39.7)
18 in. TOPSOIL
RUN #1 48% REC. (34.7)
hd. gy. PHYLLITE ROCK with sm Quartz bandsand near vertical seams.
5

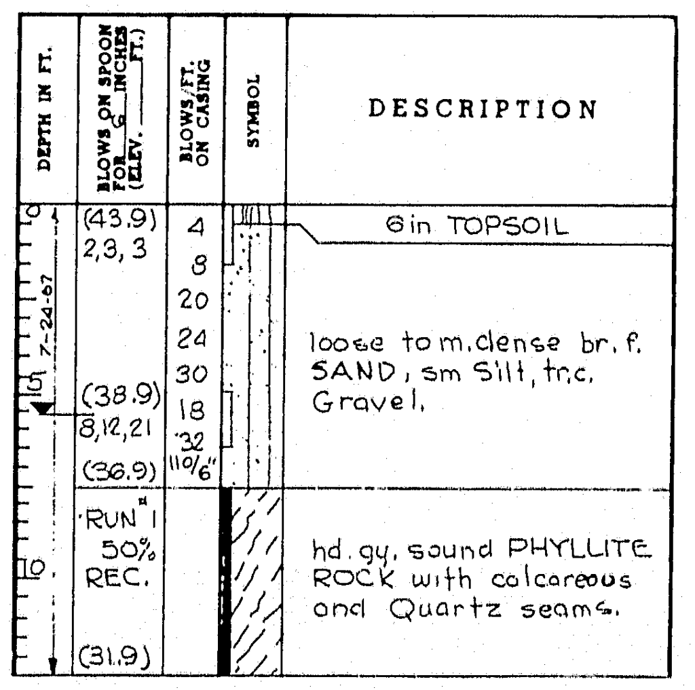
BORING NO. 233

STA. 555+95.0, 70' LT.
GROUND ELEV. +44.2


DEPTH IN FT.
BLOWS ON SPOON FOR 6 INCHES (ELEV. ___ FT.)
BLOWS/FT. ON CASING
SYMBOL
DESCRIPTION
7-24-67
3,5,5 (41.2)
12 in. TOPSOIL
br. f. SAND and misc. Rock FRAGS.
(39.4)
RUN #1 20% REC. (35.4)
S B
weathered, seamy m. hd. br. gy. PHYLLITE ROCK.
(34.4)
hd. gy. sound PHYLLITE ROCK
5 10

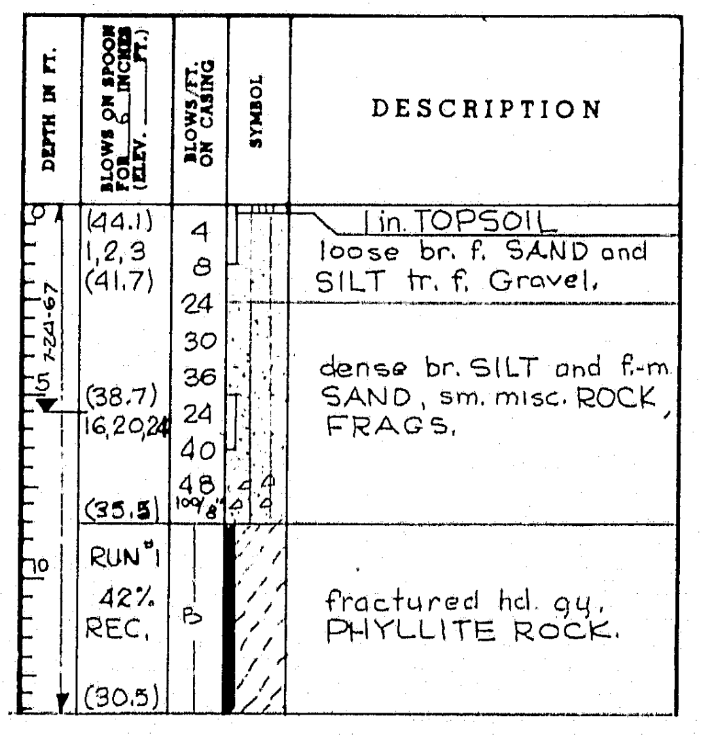
BORING NO. 234

STA. 555+95.0, 40' RT.
GROUND ELEV. +44.4


DEPTH IN FT.
BLOWS ON SPOON FOR 6 INCHES (ELEV. ___ FT.)
BLOWS/FT. ON CASING
SYMBOL
DESCRIPTION
(43.9) 2,3,3
4 8 20 24 30 18 32 110/6"
6 in TOPSOIL
7-24-67
loose to m. dense br. f. SAND, sm Silt, tr. c. Gravel.
(38.9) 8,12,21 (36.9)
RUN #1 50% REC. (31.9)
hd. gy. sound PHYLLITE ROCK with calcareous and Quartz seams.
5 10

BORING NO. 235

STA. 555+65.0, 70' RT.
GROUND ELEV. +44.2


DEPTH IN FT.
BLOWS ON SPOON FOR 6 INCHES (ELEV. ___ FT.)
BLOWS/FT. ON CASING
SYMBOL
DESCRIPTION
(44.1) 1,2,3 (41.7)
4 8 24 30 36 24 40 48 100/8"
1 in. TOPSOIL
loose br. f. SAND and SILT tr. f. Gravel.
7-24-67
(38.7) 16,20,24
dense br. SILT and f.-m. SAND, sm. misc. ROCK FRAGS.
(35.5)
RUN #1 42% REC. (30.5)
B
fractured hd. gy. PHYLLITE ROCK.
5 10

DESIGN —
TRACE — N. Multer
CHECK — B. G. Brand

BRIDGE NO.
IN CHARGE OF — R. W. Christie

NEW HAMPSHIRE
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
AND
MAINE STATE HIGHWAY COMMISSION
INTERSTATE 95 BRIDGE
OVER
PISCATAQUA RIVER
BETWEEN
PORTSMOUTH, NEW HAMPSHIRE AND KITTERY, MAINE
RIVER BRIDGE

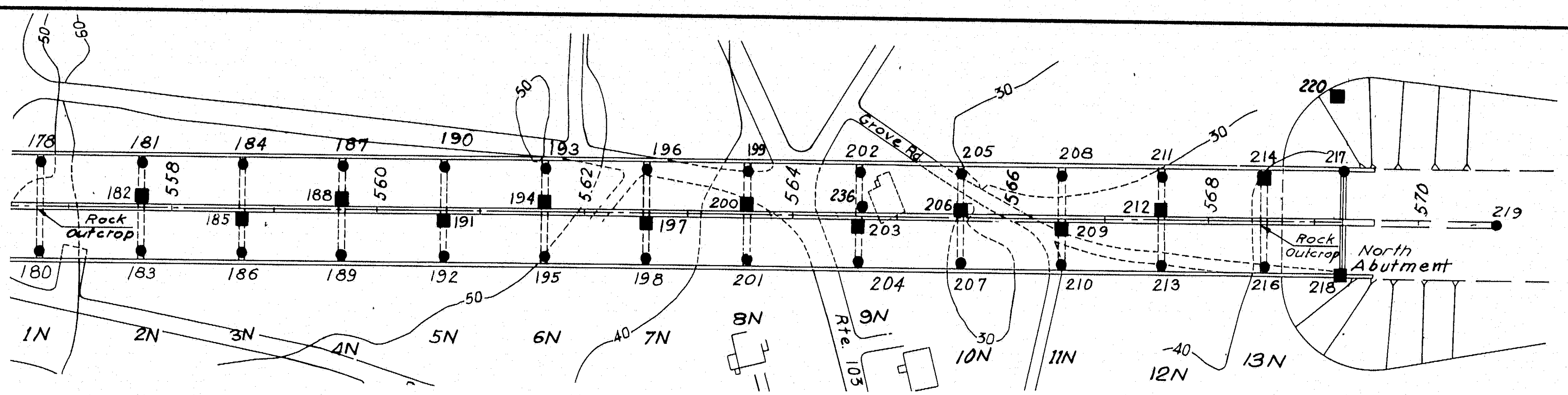
BORING LOGS II

SHEET 69 OF 75

HARDESTY & HANOVER
CONSULTING ENGINEERS
NEW YORK, N. Y.

129-8

B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	1—95—1 (22)16	70	75

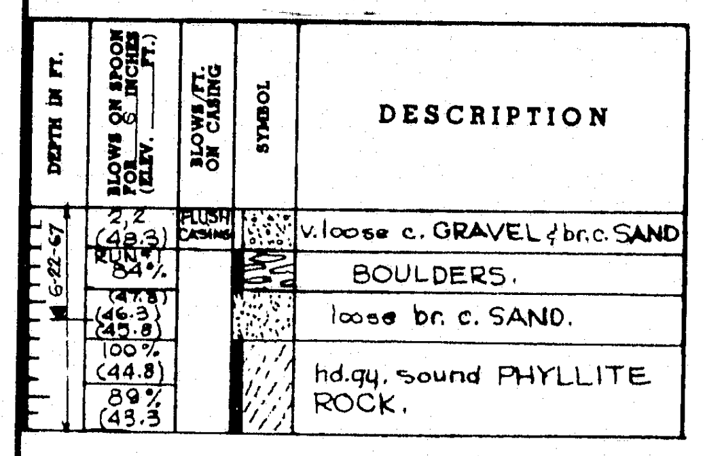


LOCATION PLAN

Scale: 1" = 100'-0"

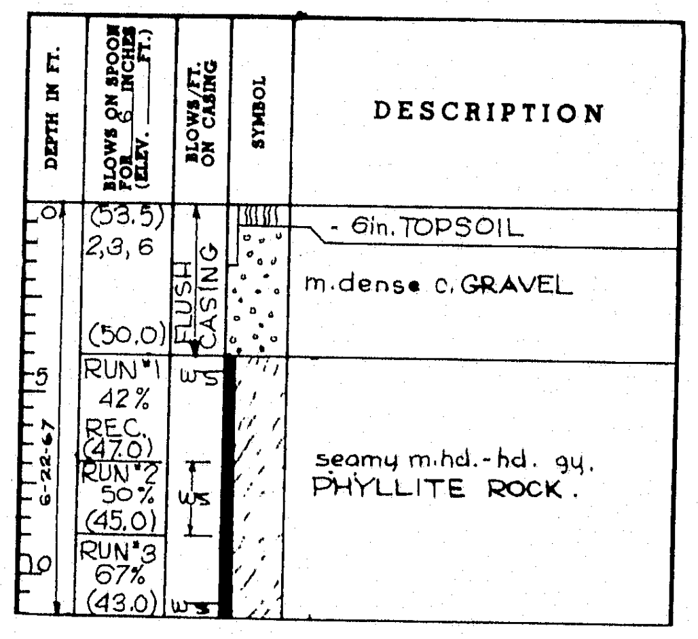
BORING NO. 178

STA. 556+77.0, 42' LT.
GROUND ELEV. +49.3



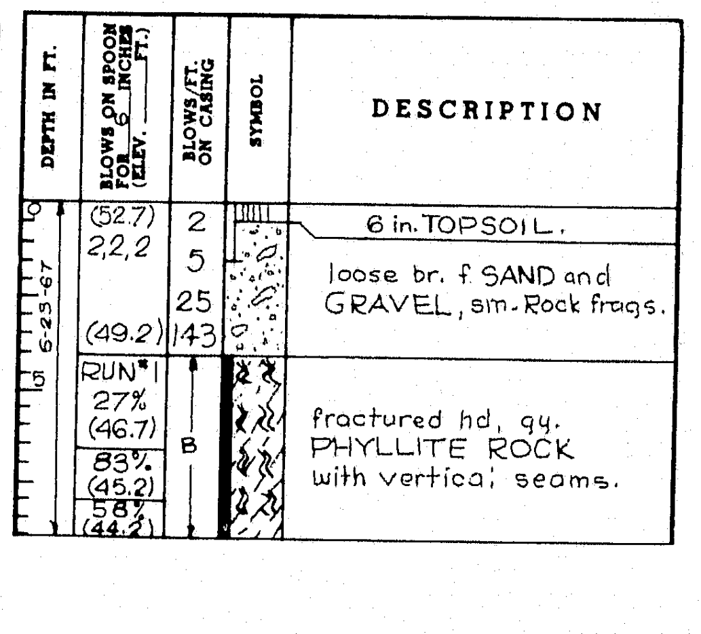
BORING NO. 180

STA. 556+77.0, 42' RT.
GROUND ELEV. +54.0



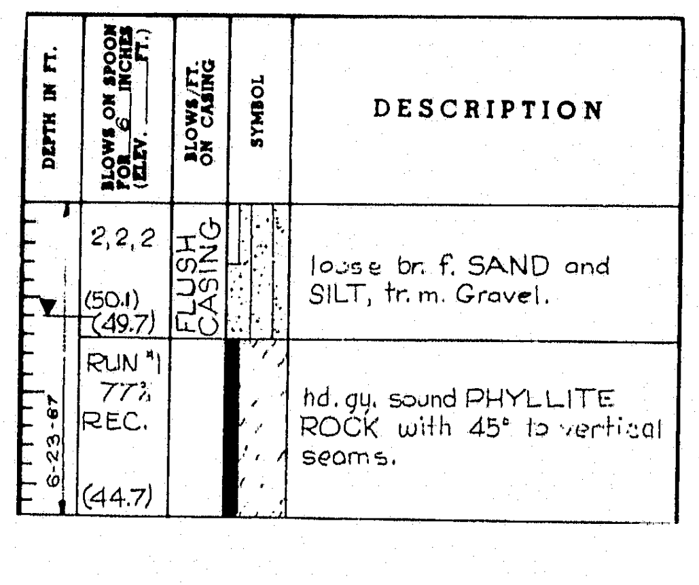
BORING NO. 181

STA. 557+74.0, 42' LT.
GROUND ELEV. +53.2


DEPTH IN FT.
BLOWS ON SPOON FOR 6 INCHES (ELEV. ___ FT.)
BLOWS/FT. ON CASING
SYMBOL
DESCRIPTION
0
5
6-23-67
(52.7)
2,2,2
(49.2)
RUN #1
27%
(46.7)
83%
(45.2)
58%
(44.2)
2
5
25
143
B
6 in. TOPSOIL.
loose br. f. SAND and GRAVEL, sm. Rock frags.
fractured hd. gy. PHYLLITE ROCK with vertical seams.

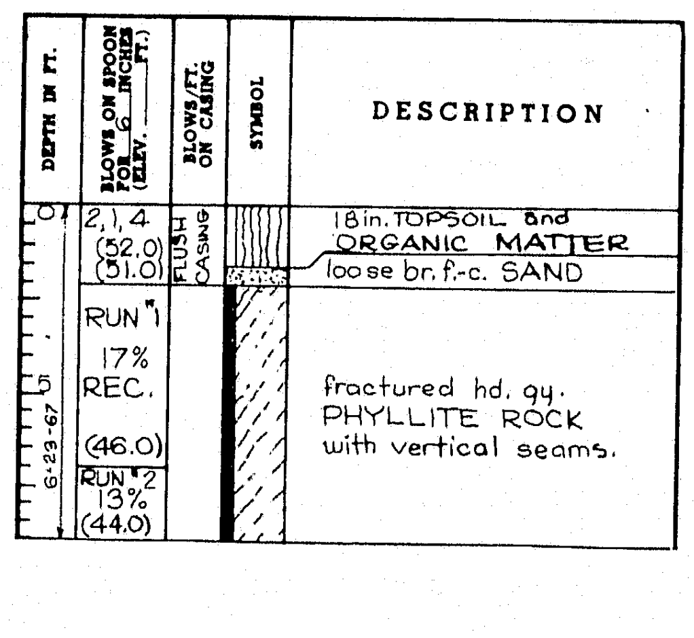
BORING NO. 182

STA. 557+74.0, 10' LT.
GROUND ELEV. +53.1


DEPTH IN FT.
BLOWS ON SPOON FOR 6 INCHES (ELEV. ___ FT.)
BLOWS/FT. ON CASING
SYMBOL
DESCRIPTION
6-23-67
2,2,2
(50.1)
(49.7)
RUN #1
77%
REC.
(44.7)
FLUSH CASING
loose br. f. SAND and SILT, tr. m. Gravel.
hd. gy. sound PHYLLITE ROCK with 45° to vertical seams.

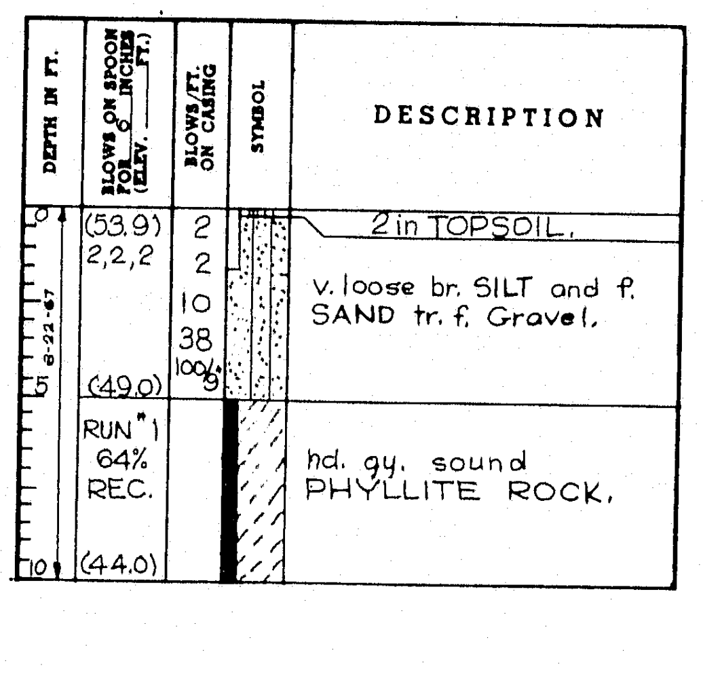
BORING NO. 183

STA. 557+74.0, 42' RT.
GROUND ELEV. +53.0



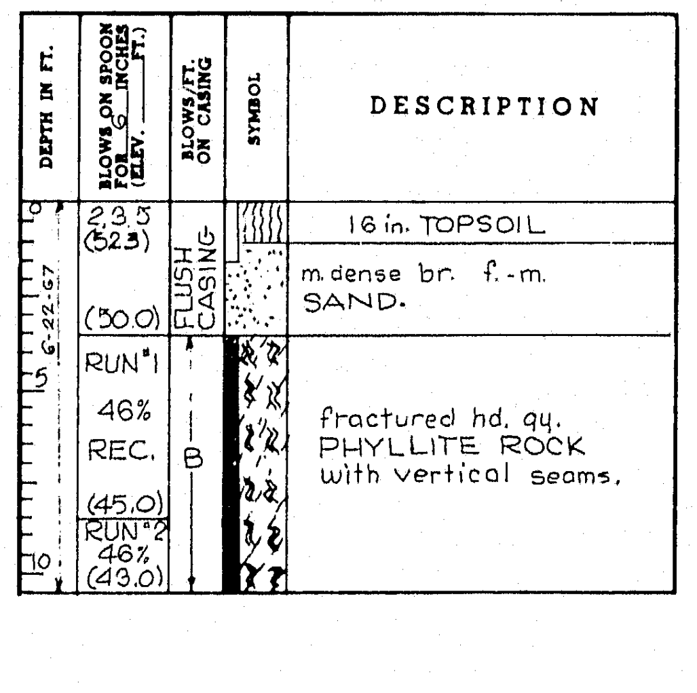
BORING NO. 184

STA. 558+71.0, 42' LT.
GROUND ELEV. +54.1



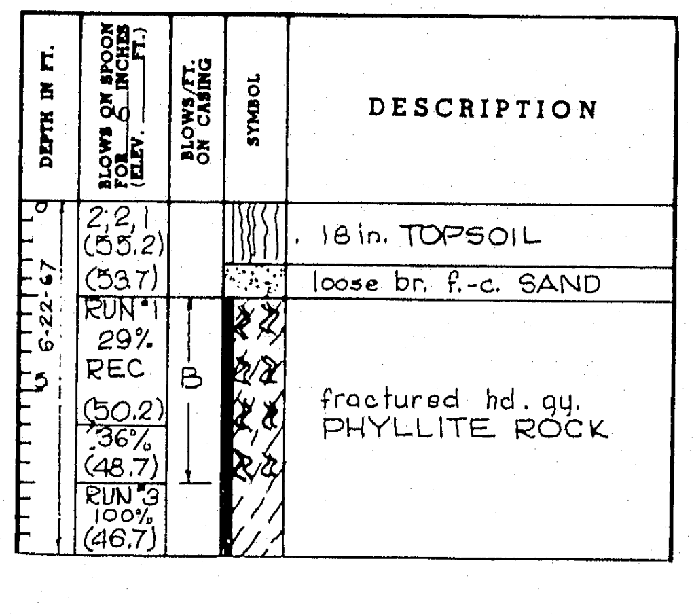
BORING NO. 185

STA. 558+71.0, 10' RT.
GROUND ELEV. +53.5



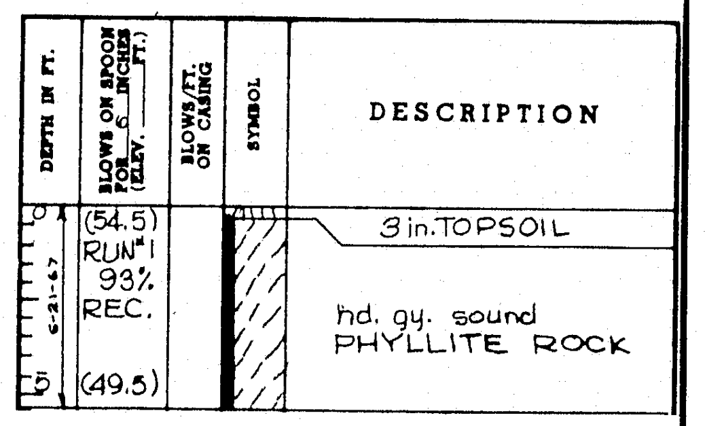
BORING NO. 186

STA. 558+71.0, 42' RT.
GROUND ELEV. +56.2



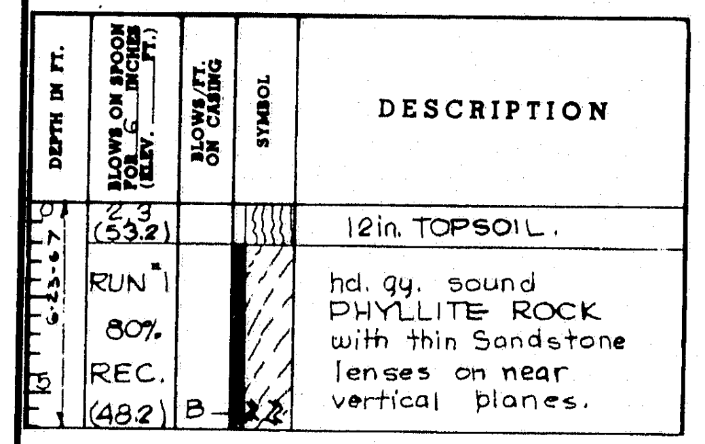
BORING NO. 187

STA. 559+68.0, 42' LT.
GROUND ELEV. +54.8



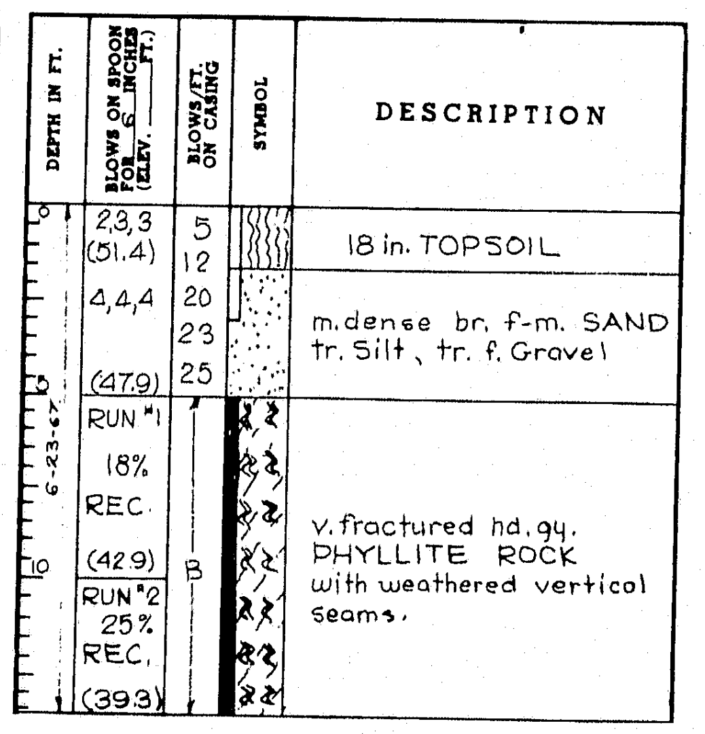
BORING NO. 188

STA. 559+68.0, 10' LT.
GROUND ELEV. +54.2


DEPTH IN FT.
BLOWS ON SPOON FOR 6 INCHES (ELEV. ___ FT.)
BLOWS/FT. ON CASING
SYMBOL
DESCRIPTION
0
5
6-23-67
2,3
(53.2)
RUN #1
80%
REC.
(48.2)
B
12in. TOPSOIL.
hd. gy. sound PHYLLITE ROCK with thin Sandstone lenses on near vertical planes.

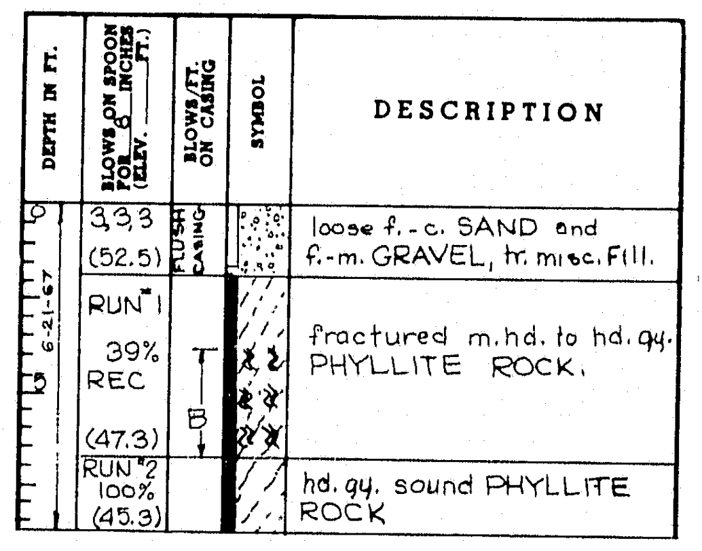
BORING NO. 189

STA. 559+68.0, 42' RT.
GROUND ELEV. +52.9


DEPTH IN FT.
BLOWS ON SPOON FOR 6 INCHES (ELEV. ___ FT.)
BLOWS/FT. ON CASING
SYMBOL
DESCRIPTION
0
5
10
6-23-67
2,3,3
(51.4)
4,4,4
(47.9)
RUN #1
18%
REC.
(42.9)
RUN #2
25%
REC.
(39.3)
5
12
20
23
25
B
18 in. TOPSOIL
m. dense br. f-m. SAND tr. Silt, tr. f. Gravel
v. fractured hd. gy. PHYLLITE ROCK with weathered vertical seams.

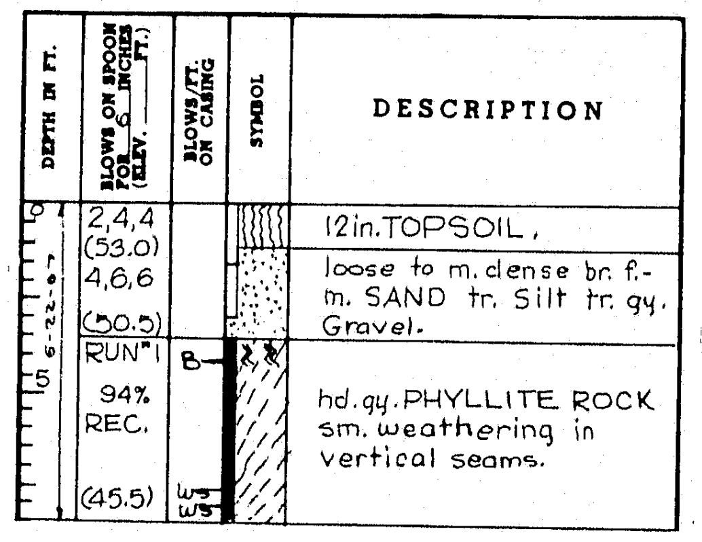
BORING NO. 190

STA. 560+65.0, 42' LT.
GROUND ELEV. +54.0


DEPTH IN FT.
BLOWS ON SPOON FOR 6 INCHES (ELEV. ___ FT.)
BLOWS/FT. ON CASING
SYMBOL
DESCRIPTION
0
5
6-21-67
3,3,3
(52.5)
RUN #1
39%
REC
(47.3)
RUN #2
100%
(45.3)
FLUSH CASING
B
loose f.-c. SAND and f.-m. GRAVEL, tr. misc. Fill.
fractured m. hd. to hd. gy. PHYLLITE ROCK.
hd. gy. sound PHYLLITE ROCK

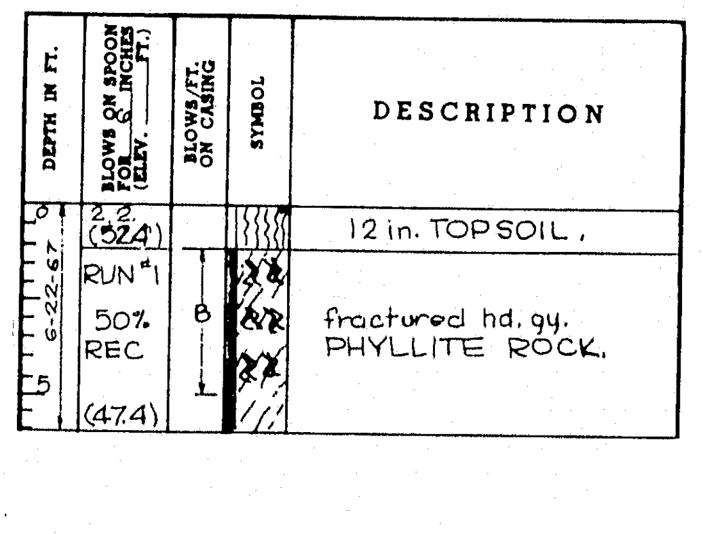
BORING NO. 191

STA. 560+65.0, 10' RT.
GROUND ELEV. +54.0


DEPTH IN FT.
BLOWS ON SPOON FOR 6 INCHES (ELEV. ___ FT.)
BLOWS/FT. ON CASING
SYMBOL
DESCRIPTION
0
5
6-22-67
2,4,4
(53.0)
4,6,6
(50.5)
RUN #1
94%
REC.
(45.5)
B
WS
WS
12in. TOPSOIL.
loose to m. dense br. f.-m. SAND tr. Silt tr. gy. Gravel.
hd. gy. PHYLLITE ROCK sm. weathering in vertical seams.

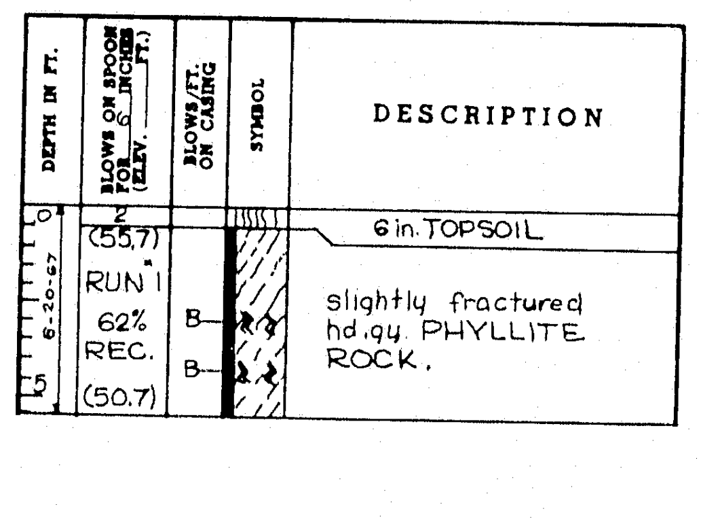
BORING NO. 192

STA. 560+65.0, 42' RT.
GROUND ELEV. +53.4



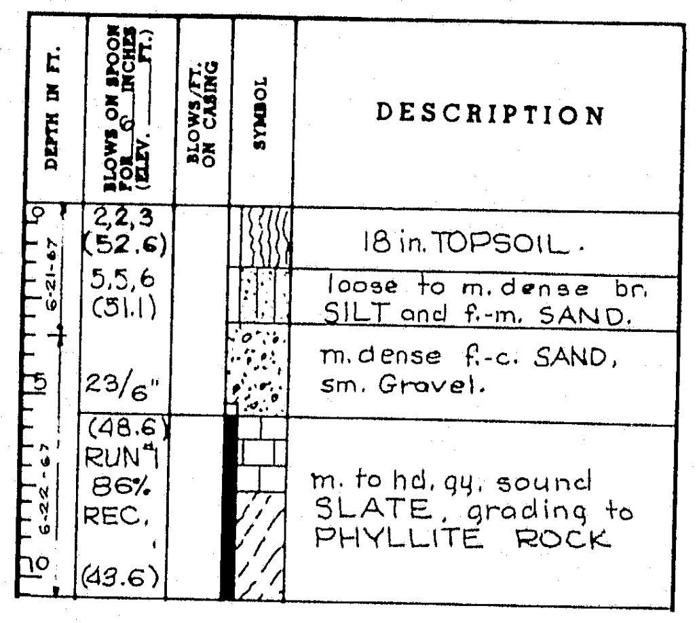
BORING NO. 193

STA. 561+62.0, 42' LT.
GROUND ELEV. +56.2



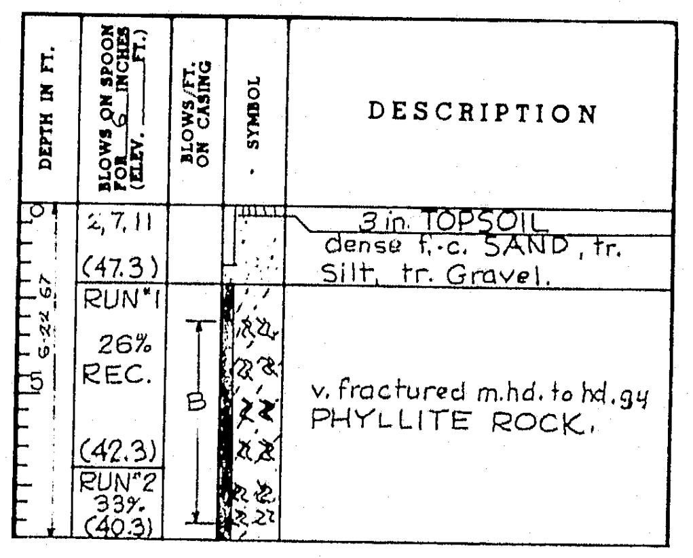
BORING NO. 194

STA. 561+62.0, 10' LT.
GROUND ELEV. +54.1


DEPTH IN FT.
BLOWS ON SPOON FOR 6 INCHES (ELEV. ___ FT.)
BLOWS/FT. ON CASING
SYMBOL
DESCRIPTION
0
5
10
6-21-67
6-22-67
2,2,3
(52.6)
5,5,6
(51.1)
23/6"
(48.6)
RUN #1
86%
REC.
(43.6)
18 in. TOPSOIL.
loose to m. dense br. SILT and f.-m. SAND.
m. dense f.-c. SAND, sm. Gravel.
m. to hd. gy. sound SLATE, grading to PHYLLITE ROCK

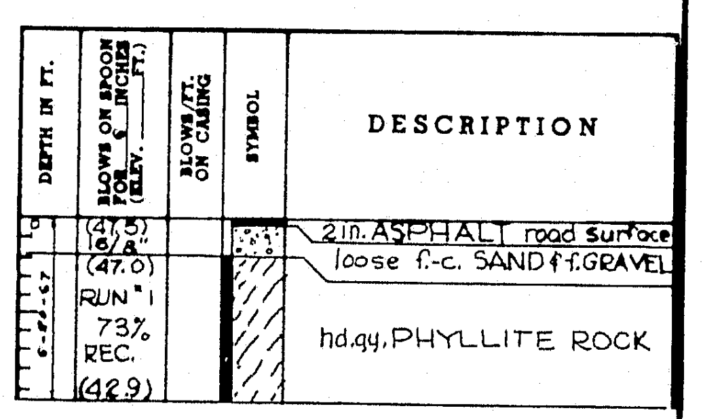
BORING NO. 195

STA. 561+62.0, 42' RT.
GROUND ELEV. +49.3


DEPTH IN FT.
BLOWS ON SPOON FOR 6 INCHES (ELEV. ___ FT.)
BLOWS/FT. ON CASING
SYMBOL
DESCRIPTION
0
5
6-22-67
2,7,11
(47.3)
RUN #1
26%
REC.
(42.3)
RUN #2
33%
(40.3)
B
3 in. TOPSOIL
dense f.-c. SAND, tr. Silt, tr. Gravel.
v. fractured m. hd. to hd. gy PHYLLITE ROCK.

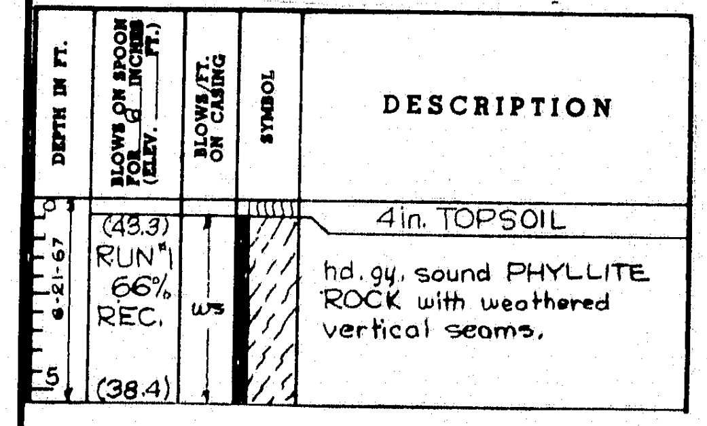
BORING NO. 196

STA. 562+59.0, 42' LT.
GROUND ELEV. +47.7



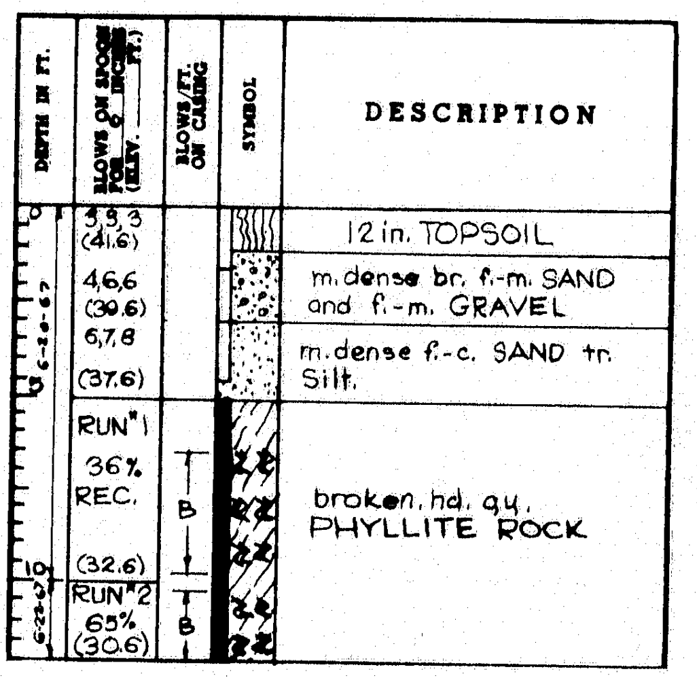
BORING NO. 197

STA. 562+59.0, 10' RT.
GROUND ELEV. +43.7


DEPTH IN FT.
BLOWS ON SPOON FOR 6 INCHES (ELEV. ___ FT.)
BLOWS/FT. ON CASING
SYMBOL
DESCRIPTION
0
5
6-21-67
(43.3)
RUN #1
66%
REC.
(38.4)
WS
4in. TOPSOIL
hd. gy. sound PHYLLITE ROCK with weathered vertical seams.

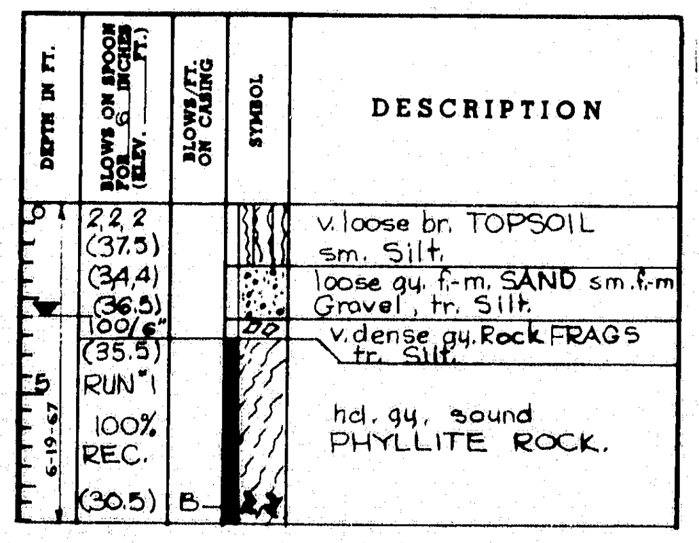
BORING NO. 198

STA. 562+59.0, 42' RT.
GROUND ELEV. +42.6



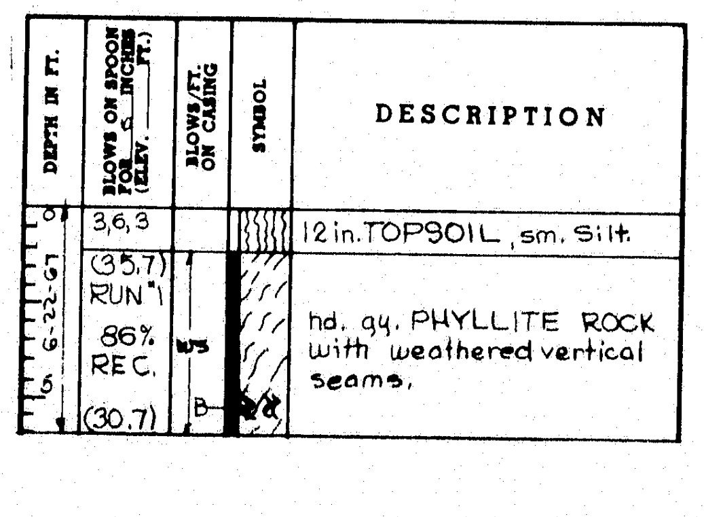
BORING NO. 199

STA. 563+56.0, 42' LT.
GROUND ELEV. +39.0


DEPTH IN FT.
BLOWS ON SPOON FOR 6 INCHES (ELEV. ___ FT.)
BLOWS/FT. ON CASING
SYMBOL
DESCRIPTION
0
5
6-19-67
2,2,2
(37.5)
(34.4)
(36.5)
100/6"
(35.5)
RUN #1
100%
REC.
(30.5)
B
v. loose br. TOPSOIL sm. Silt.
loose gy. f.-m. SAND sm. f.-m Gravel, tr. Silt.
v. dense gy. Rock FRAGS tr. Silt.
hd. gy. sound PHYLLITE ROCK.

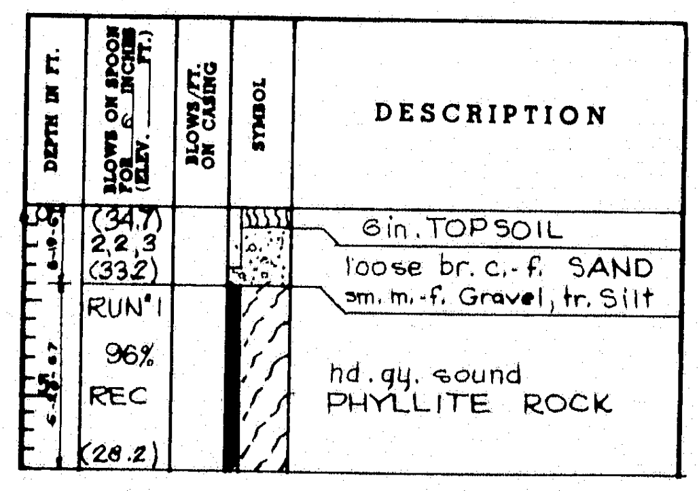
BORING NO. 200

STA. 563+56.0, 10' LT.
GROUND ELEV. +36.7


DEPTH IN FT.
BLOWS ON SPOON FOR 6 INCHES (ELEV. ___ FT.)
BLOWS/FT. ON CASING
SYMBOL
DESCRIPTION
0
5
6-22-67
3,6,3
(35.7)
RUN #1
86%
REC.
(30.7)
WS
B
12 in. TOPSOIL, sm. Silt.
hd. gy. PHYLLITE ROCK with weathered vertical seams.

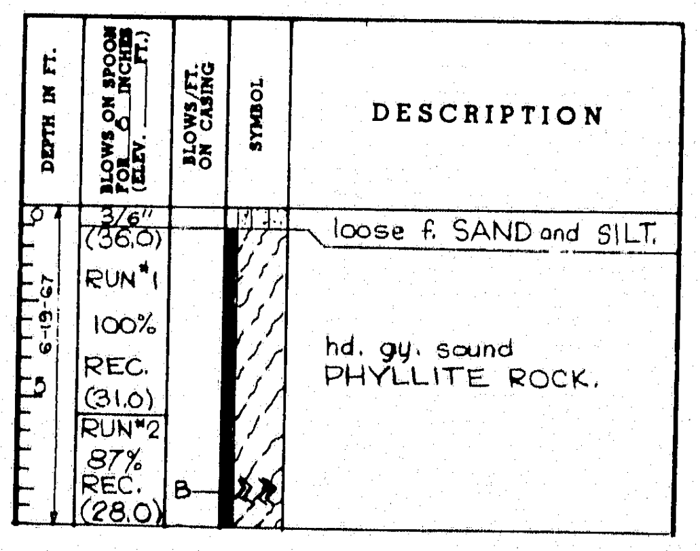
BORING NO. 201

STA. 563+56.0, 42' RT.
GROUND ELEV. +35.2


DEPTH IN FT.
BLOWS ON SPOON FOR 6 INCHES (ELEV. ___ FT.)
BLOWS/FT. ON CASING
SYMBOL
DESCRIPTION
0
5
6-19-67
(34.7)
2,2,3
(33.2)
RUN #1
96%
REC
(28.2)
6 in. TOPSOIL
loose br. c.-f. SAND sm. m.-f. Gravel, tr. Silt
hd. gy. sound PHYLLITE ROCK

BORING NO. 202

STA. 564+64.0, 42' LT.
GROUND ELEV. +36.6



DESIGN —
TRACE — N.J. Mattson
CHECK — B.A. Freund

BRIDGE NO.
IN CHARGE OF — R.W. Christie

NEW HAMPSHIRE
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
AND
MAINE STATE HIGHWAY COMMISSION
INTERSTATE 95 BRIDGE
OVER
PISCATAQUA RIVER
BETWEEN
PORTSMOUTH, NEW HAMPSHIRE AND KITTERY, MAINE
MAINE APPROACH

BORING LOGS I

SHEET 70 OF 75

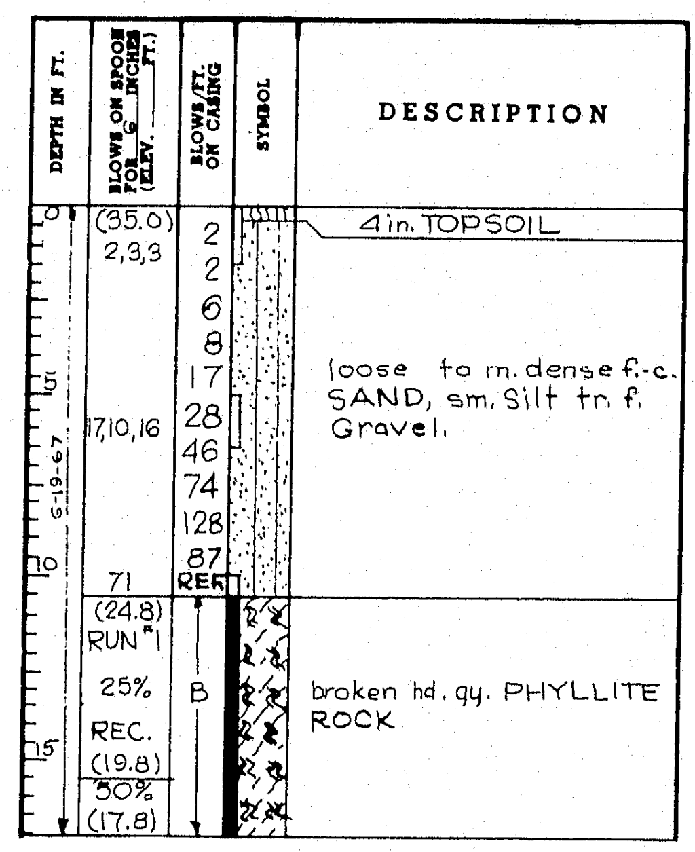
HARDESTY & HANOVER
CONSULTING ENGINEERS
NEW YORK, N. Y.

129-9

B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	1—95—1 (22)16	71	75

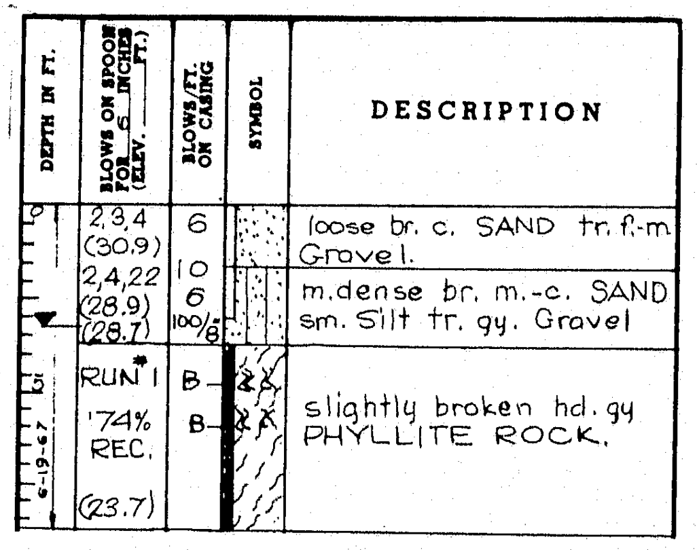
BORING NO. 203

STA. 564+64.0, 10' RT.
GROUND ELEV. +35.3



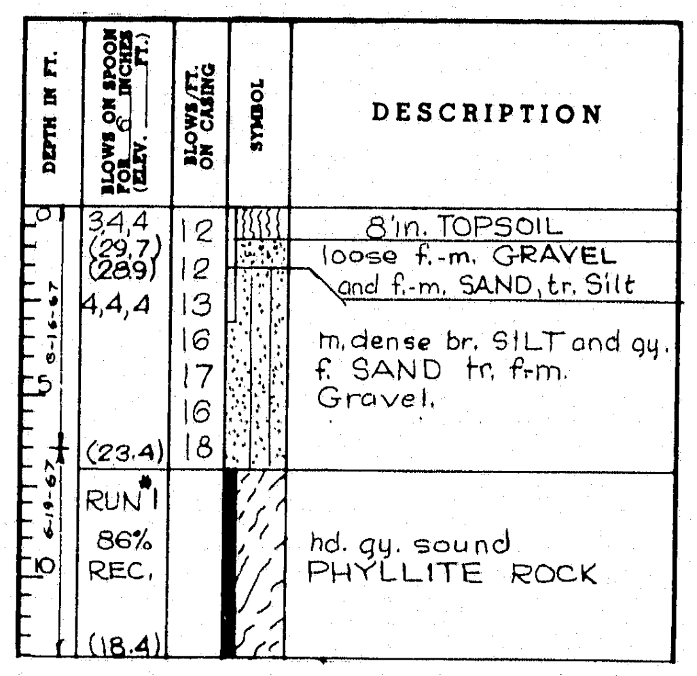
BORING NO. 204

STA. 564+64.0, 42' RT.
GROUND ELEV. +32.4


DEPTH IN FT.
BLOWS ON SPOON FOR 6 INCHES (ELEV. FT.)
BLOWS/FT. ON CASING
SYMBOL
DESCRIPTION
0
5
6-19-67
2,3,4
(30.9)
2,4,22
(28.9)
(28.7)
6
10
6
100/8"
loose br. c. SAND tr. f.-m. Gravel.
m. dense br. m.-c. SAND sm. Silt tr. gy. Gravel
RUN #1
74%
REC.
(23.7)
B
B
slightly broken hd. gy PHYLLITE ROCK.

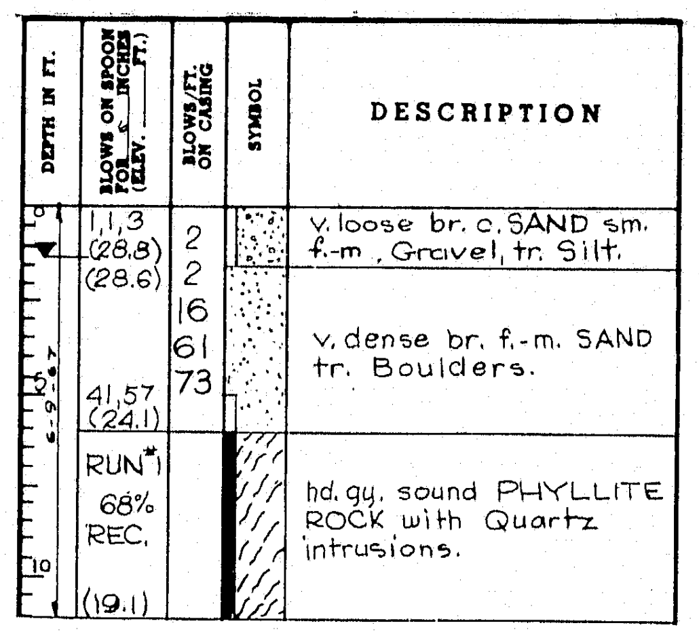
BORING NO. 205

STA. 565+61.0, 42' LT.
GROUND ELEV. +30.4


DEPTH IN FT.
BLOWS ON SPOON FOR 6 INCHES (ELEV. FT.)
BLOWS/FT. ON CASING
SYMBOL
DESCRIPTION
0
5
10
6-16-67
6-19-67
3,4,4
(29.7)
(28.9)
4,4,4
(23.4)
12
12
13
16
17
16
18
8 in. TOPSOIL
loose f.-m. GRAVEL and f.-m. SAND, tr. Silt
m. dense br. SILT and gy. f. SAND tr. f.-m. Gravel.
RUN #1
86%
REC.
(18.4)
hd. gy. sound PHYLLITE ROCK

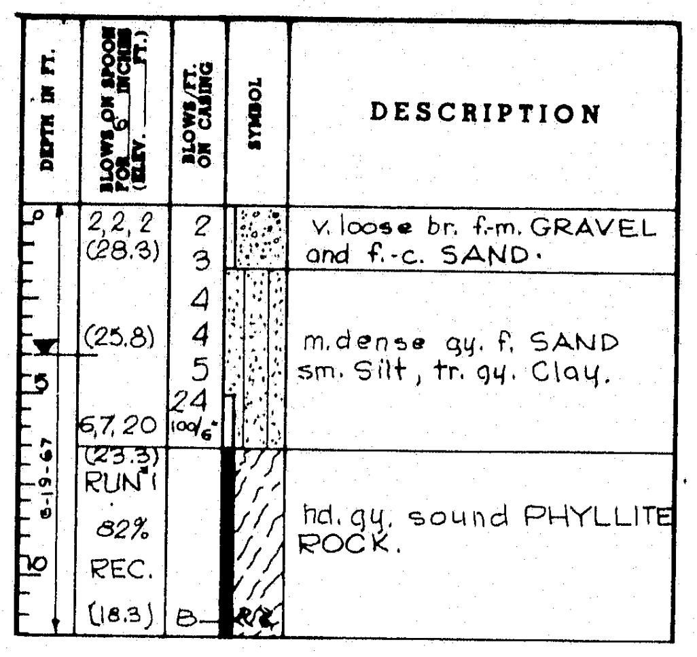
BORING NO. 206

STA. 565+61.0, 6' LT.
GROUND ELEV. +30.1


DEPTH IN FT.
BLOWS ON SPOON FOR 6 INCHES (ELEV. FT.)
BLOWS/FT. ON CASING
SYMBOL
DESCRIPTION
0
5
10
6-9-67
1,1,3
(28.8)
(28.6)
41,57
(24.1)
2
2
16
61
73
v. loose br. c. SAND sm. f.-m., Gravel, tr. Silt.
v. dense br. f.-m. SAND tr. Boulders.
RUN #1
68%
REC.
(19.1)
hd. gy. sound PHYLLITE ROCK with Quartz intrusions.

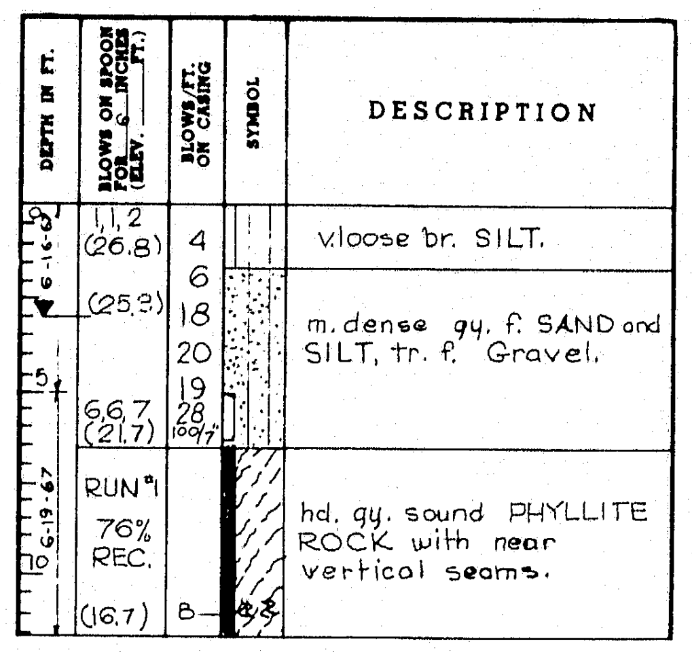
BORING NO. 207

STA. 565+61.0, 42' RT.
GROUND ELEV. +29.8


DEPTH IN FT.
BLOWS ON SPOON FOR 6 INCHES (ELEV. FT.)
BLOWS/FT. ON CASING
SYMBOL
DESCRIPTION
0
5
10
6-19-67
2,2,2
(28.3)
(25.8)
6,7,20
(23.3)
2
3
4
4
5
24
100/6"
v. loose br. f.-m. GRAVEL and f.-c. SAND.
m. dense gy. f. SAND sm. Silt, tr. gy. Clay.
RUN #1
82%
REC.
(18.3)
B
hd. gy. sound PHYLLITE ROCK.

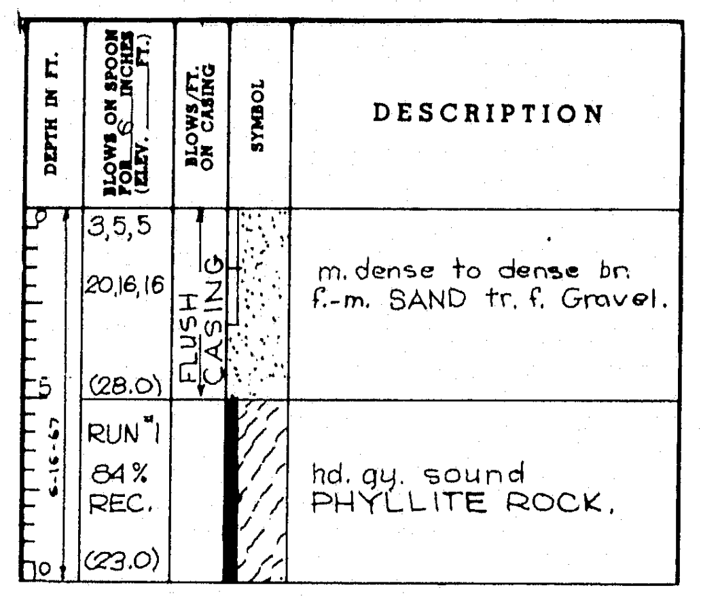
BORING NO. 208

STA. 566+58.0, 42' LT.
GROUND ELEV. +28.3



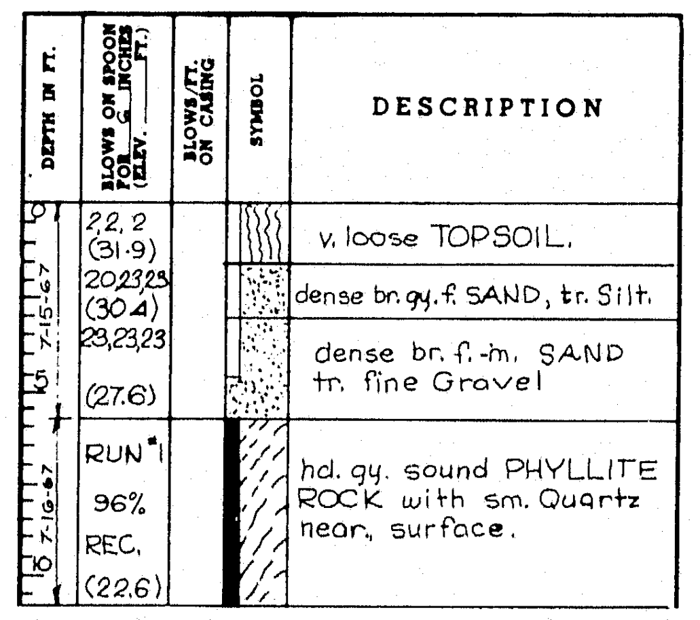
BORING NO. 209

STA. 566+58.0, 10' RT.
GROUND ELEV. +33.0


DEPTH IN FT.
BLOWS ON SPOON FOR 6 INCHES (ELEV. FT.)
BLOWS/FT. ON CASING
SYMBOL
DESCRIPTION
0
5
10
6-16-67
3,5,5
20,16,16
(28.0)
FLUSH CASING
m. dense to dense br. f.-m. SAND tr. f. Gravel.
RUN #1
84%
REC.
(23.0)
hd. gy. sound PHYLLITE ROCK.

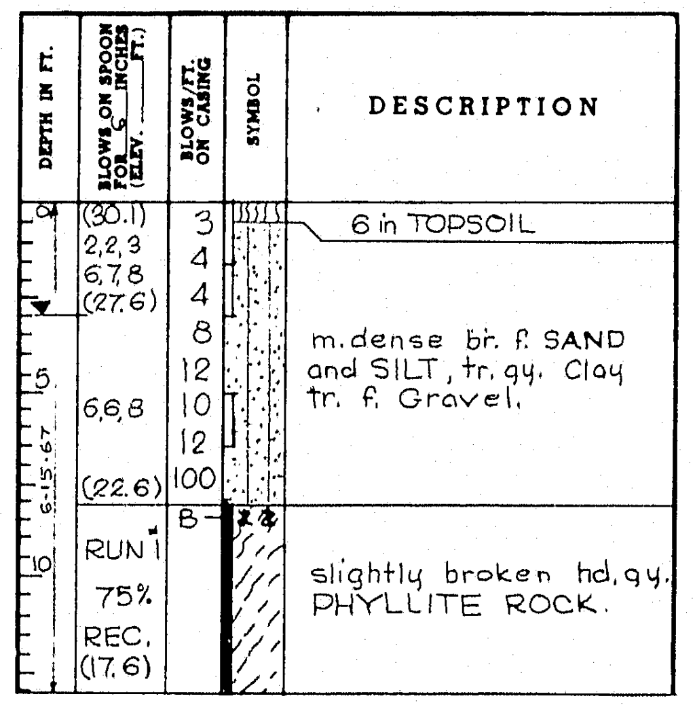
BORING NO. 210

STA. 566+58.0, 42' RT.
GROUND ELEV. +33.4


DEPTH IN FT.
BLOWS ON SPOON FOR 6 INCHES (ELEV. FT.)
BLOWS/FT. ON CASING
SYMBOL
DESCRIPTION
0
5
10
7-15-67
7-16-67
2,2,2
(31.9)
20,23,23
(30.4)
23,23,23
(27.6)
v. loose TOPSOIL.
dense br. gy. f. SAND, tr. Silt.
dense br. f.-m. SAND tr. fine Gravel
RUN #1
96%
REC.
(22.6)
hd. gy. sound PHYLLITE ROCK with sm. Quartz near, surface.

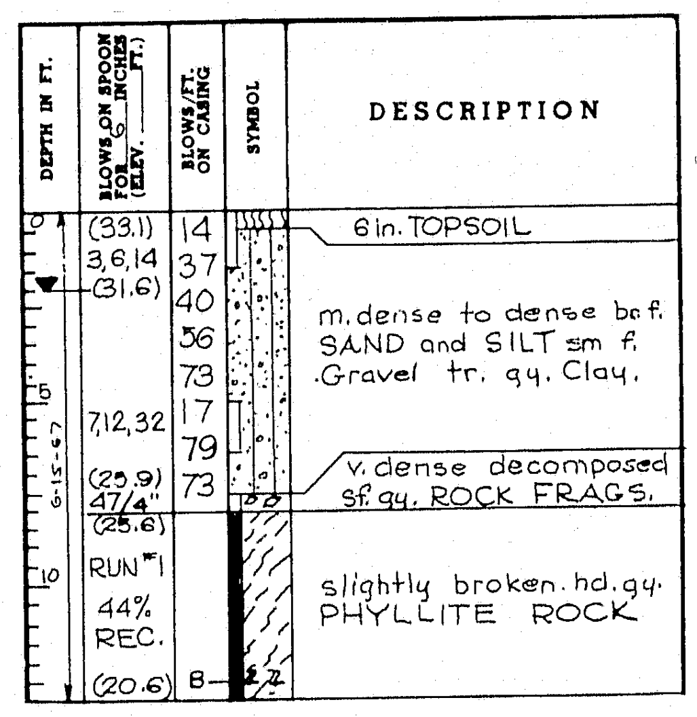
BORING NO. 211

STA. 567+55.0, 42' LT.
GROUND ELEV. +30.6



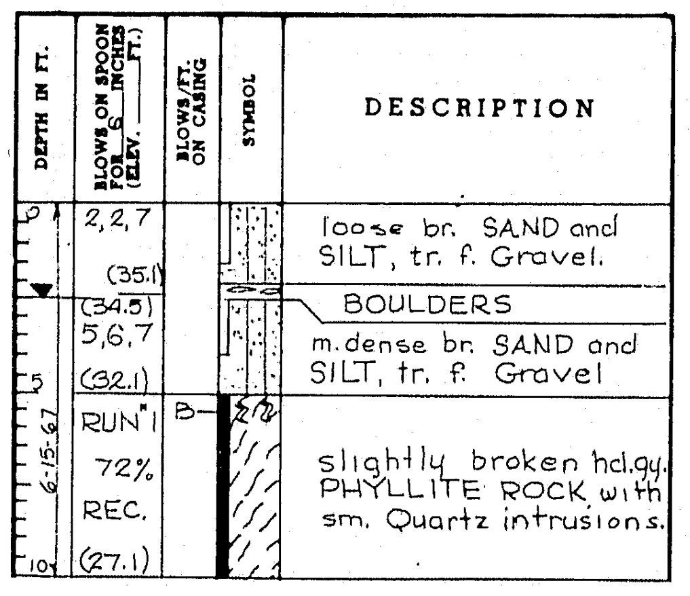
BORING NO. 212

STA. 567+55.0, 10' LT.
GROUND ELEV. +33.6


DEPTH IN FT.
BLOWS ON SPOON FOR 6 INCHES (ELEV. FT.)
BLOWS/FT. ON CASING
SYMBOL
DESCRIPTION
0
5
10
6-15-67
(33.1)
3,6,14
(31.6)
7,12,32
(25.9)
47/4"
(25.6)
14
37
40
56
73
17
79
73
6 in. TOPSOIL
m. dense to dense br. f. SAND and SILT sm f. Gravel tr. gy. Clay.
v. dense decomposed sf. gy. ROCK FRAGS.
RUN #1
44%
REC.
(20.6)
B
slightly broken. hd. gy. PHYLLITE ROCK

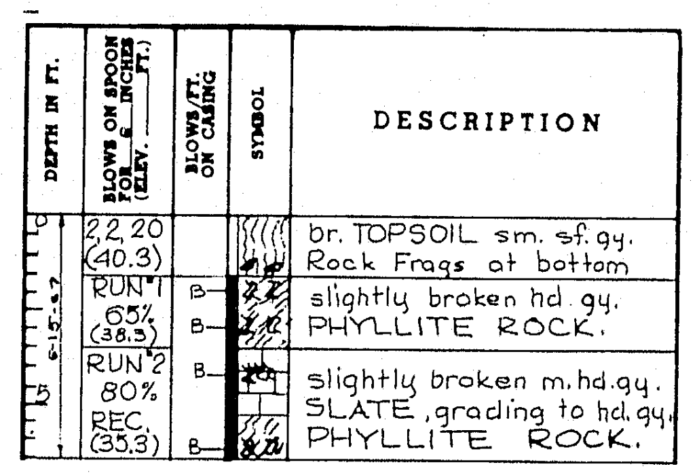
BORING NO. 213

STA. 567+55.0, 42' RT.
GROUND ELEV. +37.1


DEPTH IN FT.
BLOWS ON SPOON FOR 6 INCHES (ELEV. FT.)
BLOWS/FT. ON CASING
SYMBOL
DESCRIPTION
0
5
10
6-15-67
2,2,7
(35.1)
(34.5)
5,6,7
(32.1)
loose br. SAND and SILT, tr. f. Gravel.
BOULDERS
m. dense br. SAND and SILT, tr. f. Gravel
RUN #1
72%
REC.
(27.1)
B
slightly broken hd. gy. PHYLLITE ROCK with sm. Quartz intrusions.

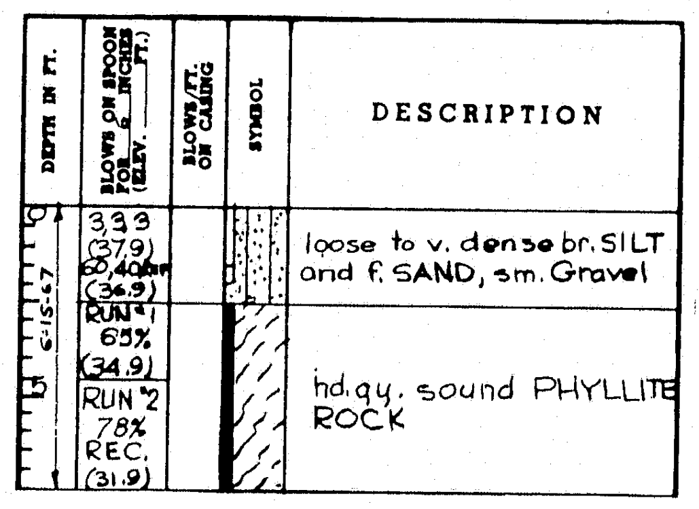
BORING NO. 214

STA. 568+52.0, 42' LT.
GROUND ELEV. +41.8


DEPTH IN FT.
BLOWS ON SPOON FOR 6 INCHES (ELEV. FT.)
BLOWS/FT. ON CASING
SYMBOL
DESCRIPTION
0
5
6-15-67
2,2,20
(40.3)
br. TOPSOIL sm. sf. gy. Rock Frags at bottom
RUN #1
65%
(38.3)
B
B
slightly broken hd. gy. PHYLLITE ROCK.
RUN #2
80%
REC.
(35.3)
B
B
slightly broken m. hd. gy. SLATE, grading to hd. gy. PHYLLITE ROCK.

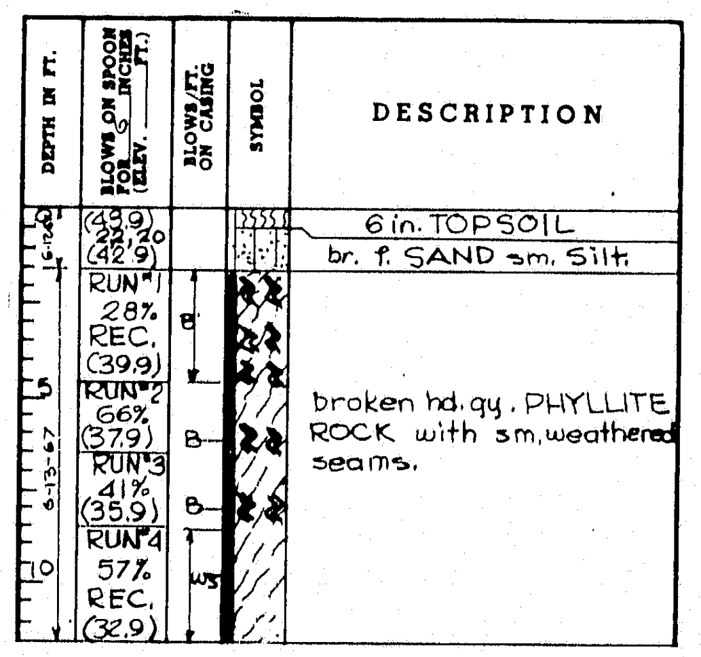
BORING NO. 216

STA. 568+52.0, 42' RT.
GROUND ELEV. +39.4


DEPTH IN FT.
BLOWS ON SPOON FOR 6 INCHES (ELEV. FT.)
BLOWS/FT. ON CASING
SYMBOL
DESCRIPTION
0
5
6-15-67
3,3,3
(37.9)
60,40
(36.9)
loose to v. dense br. SILT and f. SAND, sm. Gravel
RUN #1
65%
(34.9)
RUN #2
78%
REC.
(31.9)
hd. gy. sound PHYLLITE ROCK

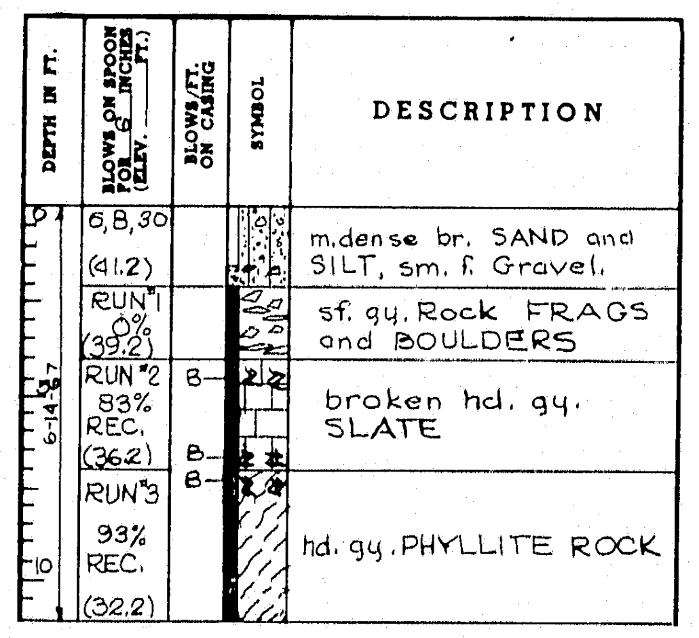
BORING NO. 217

STA. 569+24.0, 55' LT.
GROUND ELEV. +44.4



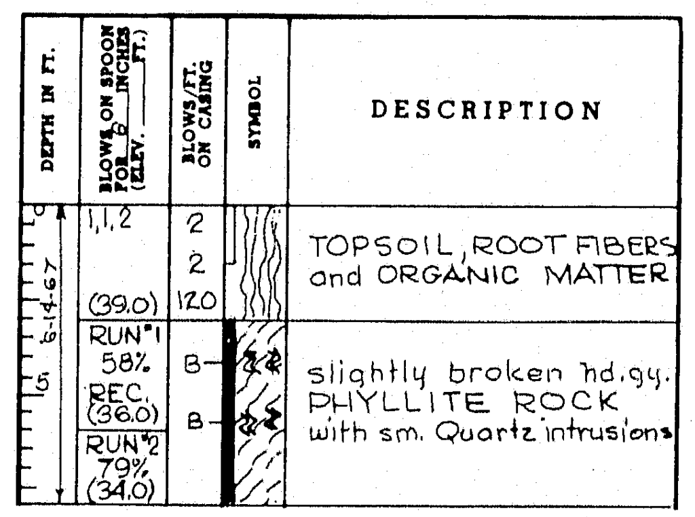
BORING NO. 218

STA. 569+24.0, 55' RT.
GROUND ELEV. +43.2



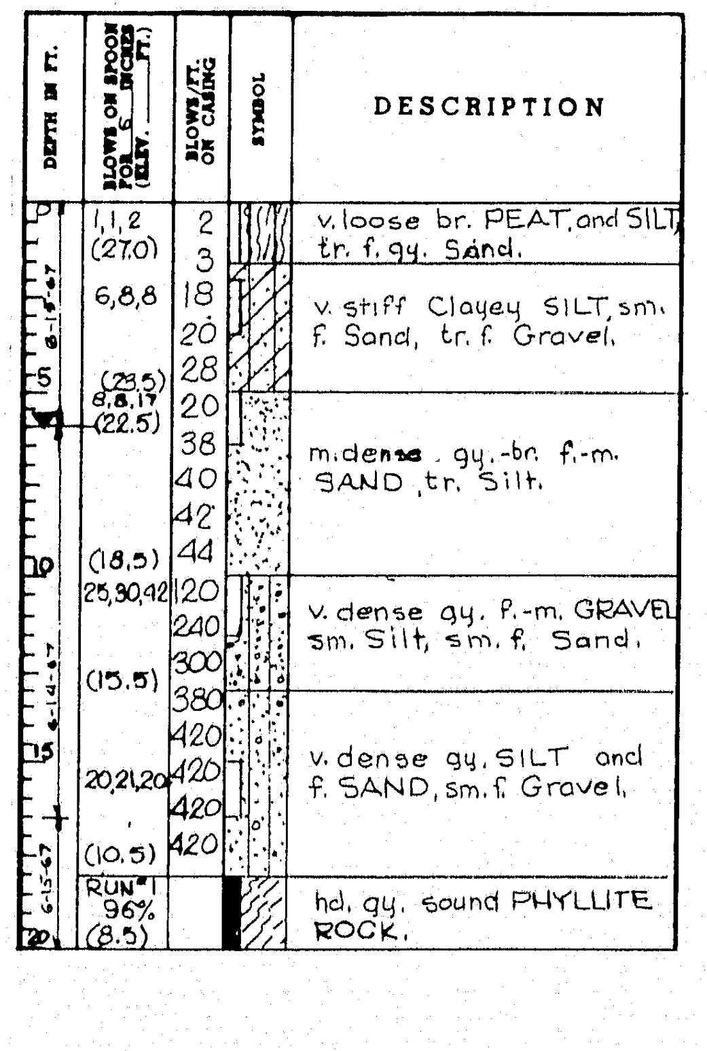
BORING NO. 219

STA. 570+74.0, C.L.
GROUND ELEV. +42.0


DEPTH IN FT.
BLOWS ON SPOON FOR 6 INCHES (ELEV. FT.)
BLOWS/FT. ON CASING
SYMBOL
DESCRIPTION
0
5
6-14-67
1,1,2
(39.0)
2
2
120
TOPSOIL, ROOT FIBERS and ORGANIC MATTER
RUN #1
58%
REC.
(36.0)
RUN #2
79%
(34.0)
B
B
slightly broken hd. gy. PHYLLITE ROCK with sm. Quartz intrusions

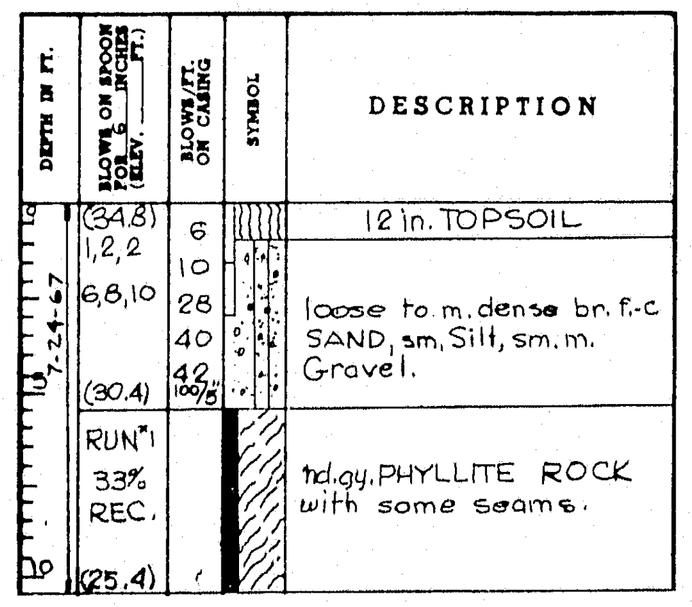
BORING NO. 220

STA. 569+19.5, 121' LT.
GROUND ELEV. +28.5


DEPTH IN FT.
BLOWS ON SPOON FOR 6 INCHES (ELEV. FT.)
BLOWS/FT. ON CASING
SYMBOL
DESCRIPTION
0
5
10
15
20
6-13-67
6-14-67
6-15-67
1,1,2
(27.0)
6,8,8
(23.5)
8,8,17
(22.5)
(18.5)
25,30,42
(15.5)
20,21,20
(10.5)
2
3
18
20
28
20
38
40
42
44
120
240
300
380
420
420
420
420
420
v. loose br. PEAT, and SILT tr. f. gy. Sand.
v. stiff Clayey SILT, sm. f. Sand, tr. f. Gravel.
m. dense gy.-br. f.-m. SAND, tr. Silt.
v. dense gy. f.-m. GRAVEL sm. Silt, sm. f. Sand.
v. dense gy. SILT and f. SAND, sm. f. Gravel.
RUN #1
96%
(8.5)
hd. gy. sound PHYLLITE ROCK.

BORING NO. 236

STA. 564+64.0, 10' LT.
GROUND ELEV. +35.8


DEPTH IN FT.
BLOWS ON SPOON FOR 6 INCHES (ELEV. FT.)
BLOWS/FT. ON CASING
SYMBOL
DESCRIPTION
0
10
7-24-67
(34.8)
1,2,2
6,8,10
(30.4)
6
10
28
40
42
100/5"
12 in. TOPSOIL
loose to m. dense br. f.-c SAND, sm. Silt, sm. m. Gravel.
RUN #1
33%
REC.
(25.4)
hd. gy. PHYLLITE ROCK with some seams.

HARDESTY & HANOVER
CONSULTING ENGINEERS
NEW YORK, N. Y.

DESIGN —
TRACE — W. Watson
CHECK — B. G. Brand

BRIDGE NO.
IN CHARGE OF — R. W. Christ

NEW HAMPSHIRE
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
AND
MAINE STATE HIGHWAY COMMISSION
INTERSTATE 95 BRIDGE
OVER
PISCATAQUA RIVER
BETWEEN
PORTSMOUTH, NEW HAMPSHIRE AND KITTERY, MAINE
MAINE APPROACH

BORING LOGS II

SHEET 71 OF 75

129-10

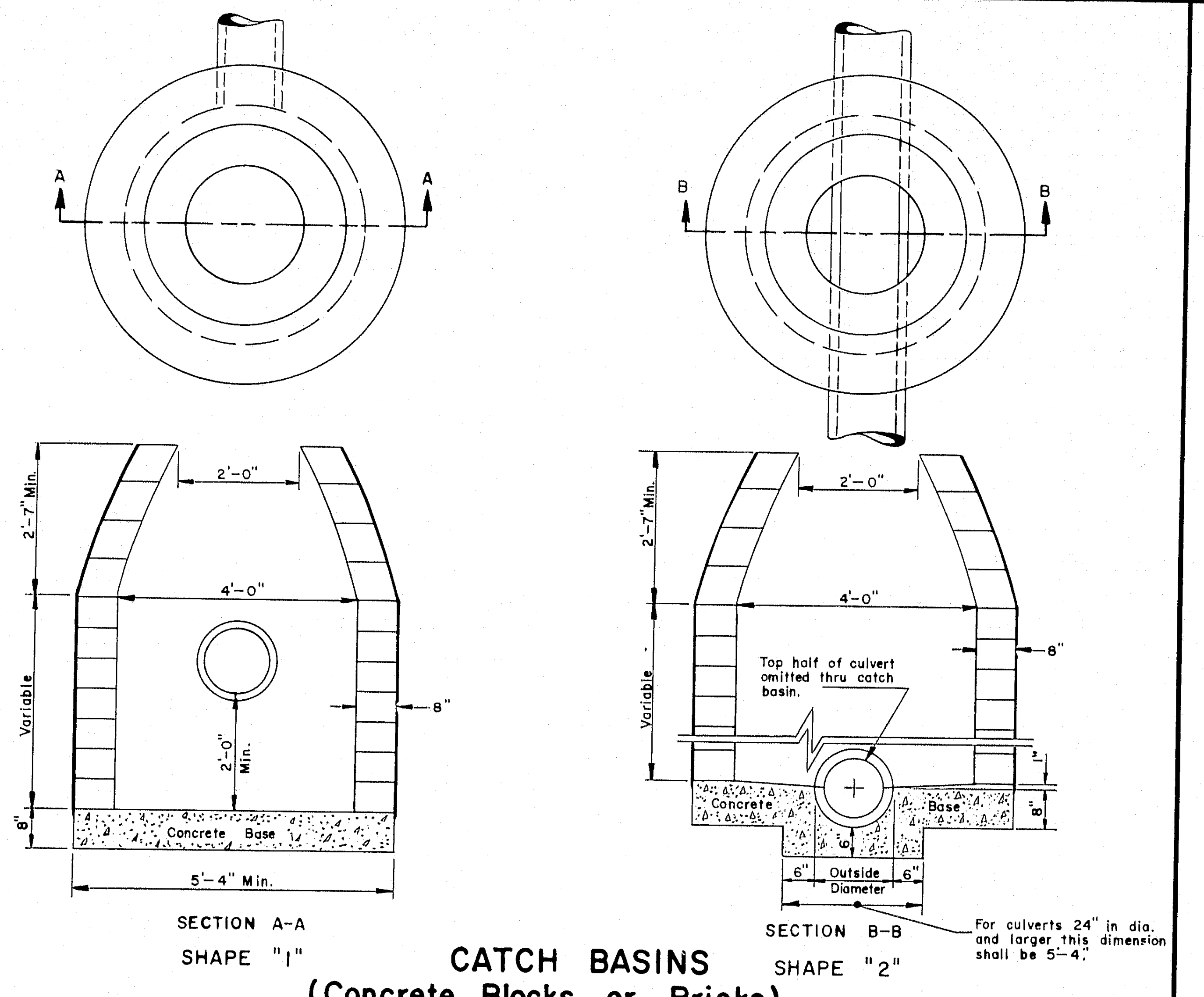
GENERAL NOTES — ALL CATCH BASINS AND MANHOLES

1. Any Catch Basin in excess of 8' in depth shall, if directed be provided with steps similar to those detailed for Manholes.
2. Frames, Grates & Covers shall be considered as part of the structure, and no separate payment shall be made.

GENERAL NOTES — PRECAST CATCH BASINS AND MANHOLES

1. Drain holes in precast sumps to be not over 3" in diameter, and shall be plugged with mortar when constructed.
2. All precast sections of less than 8" wall thickness shall have tongue and groove joints.
3. Cone and Ring sections wall thickness min. 4", max. 8".
4. Minimun wall thickness of sump may be 4" as specified in A.S.T.M. C-478, however, if concrete blocks are used around the inlet and outlet pipes, the wall thickness of sump shall be 8".
5. Wall around inlet and outlet pipes may be built of 8" concrete blocks or a precast ring with an opening 2" larger than the outside diameter of the pipe may be used.

B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO	TOTAL SHEETS
1	MAINE	I-95-1(22)16	72	75


A
A
B
B
2'-7" Min.
2'-0"
4'-0"
Variable
2'-0" Min.
8"
8"
Concrete Base
5'-4" Min.
Top half of culvert omitted thru catch basin.
Concrete
Base
6"
Outside Diameter
1"
For culverts 24" in dia. and larger this dimension shall be 5'-4".

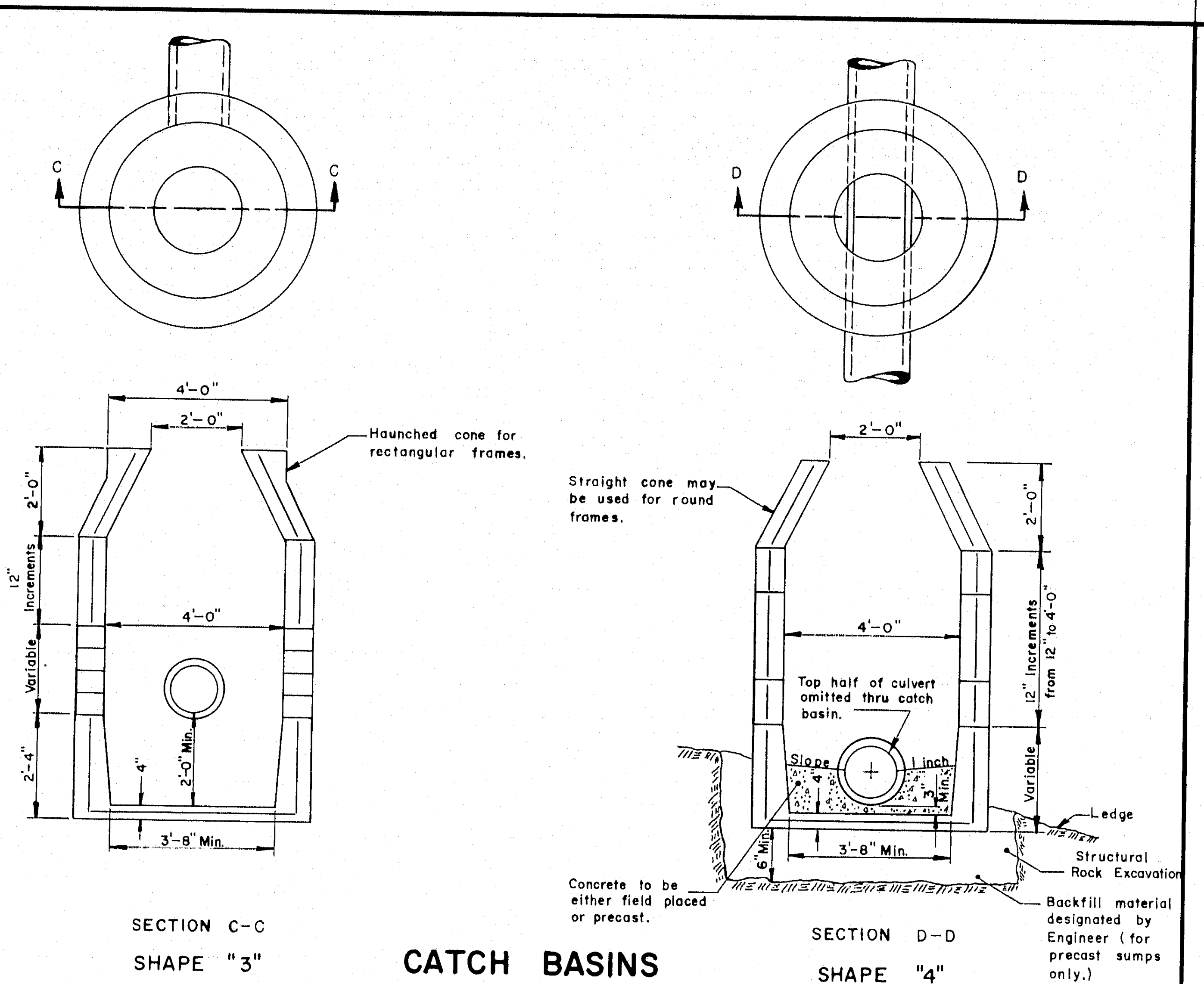
SECTION A-A

SHAPE "1"

SECTION B-B

SHAPE "2"

CATCH BASINS
(Concrete Blocks or Bricks)


C
C
D
D
4'-0"
2'-0"
Haunched cone for rectangular frames.
12" Increments
Variable
2'-4"
4'-0"
2'-0" Min.
4"
3'-8" Min.
Straight cone may be used for round frames.
Top half of culvert omitted thru catch basin.
Slope
1 inch
3" Min.
6" Min.
12" Increments from 12" to 4'-0"
Ledge
Structural Rock Excavation
Concrete to be either field placed or precast.
Backfill material designated by Engineer (for precast sumps only.)

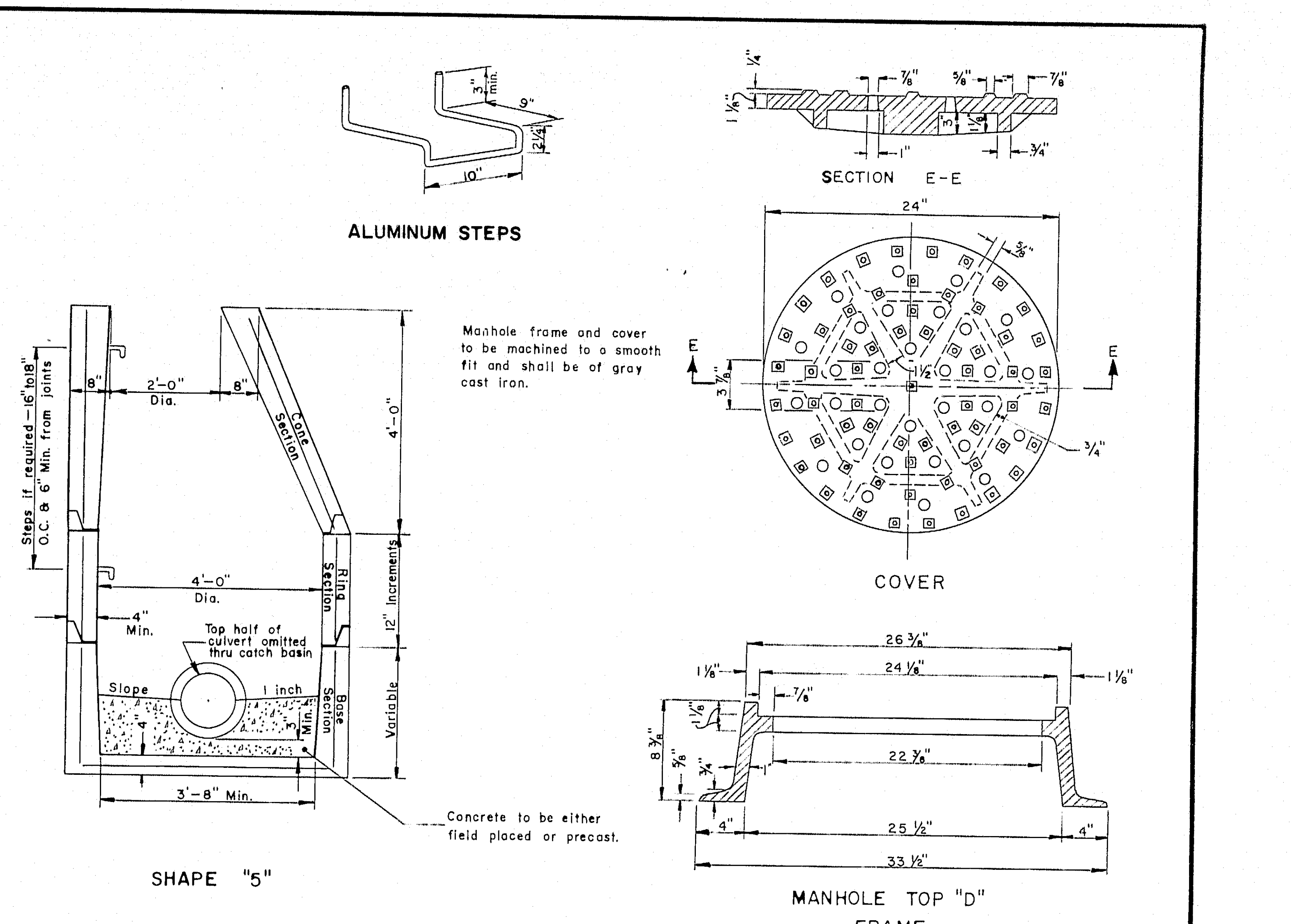
SECTION C-C

SHAPE "3"

SECTION D-D

SHAPE "4"

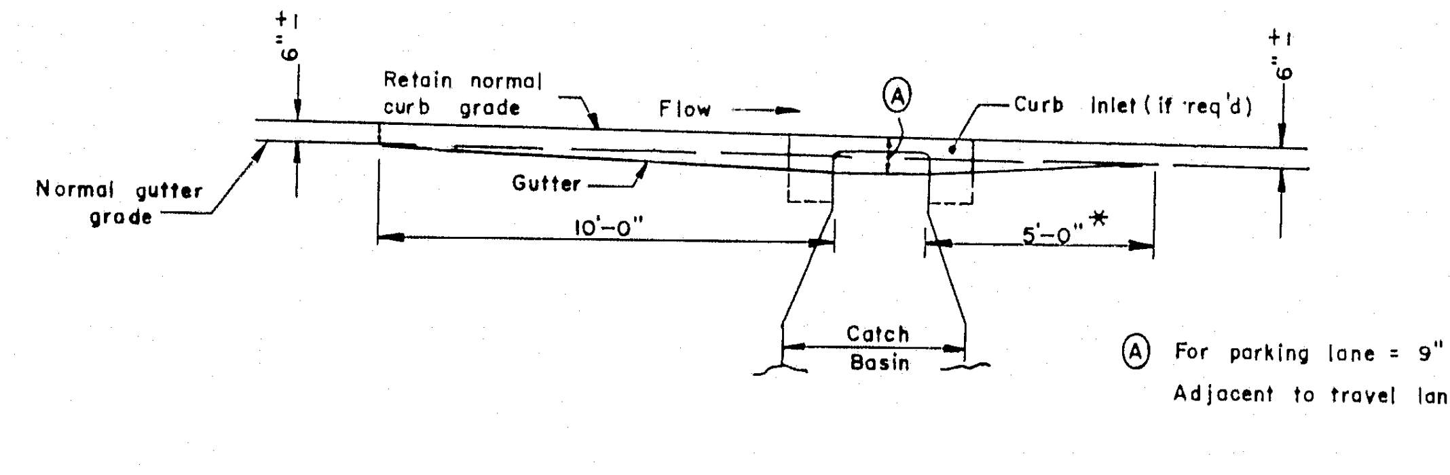
CATCH BASINS
(Precast Units)



SHAPE "5"

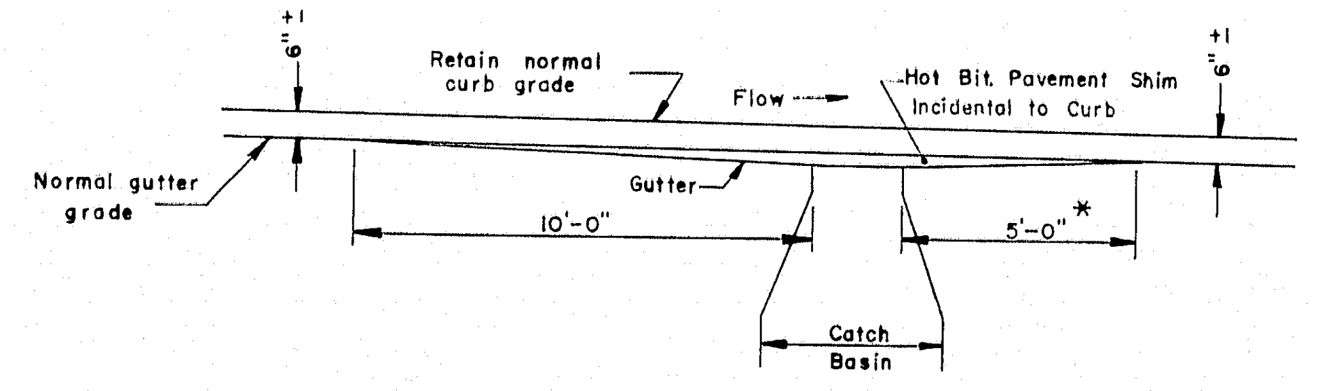
MANHOLE TOP "D"
FRAME

MANHOLE



Ⓐ For parking lane = 9"
Adjacent to travel lane = 7"

AT CURB INLETS

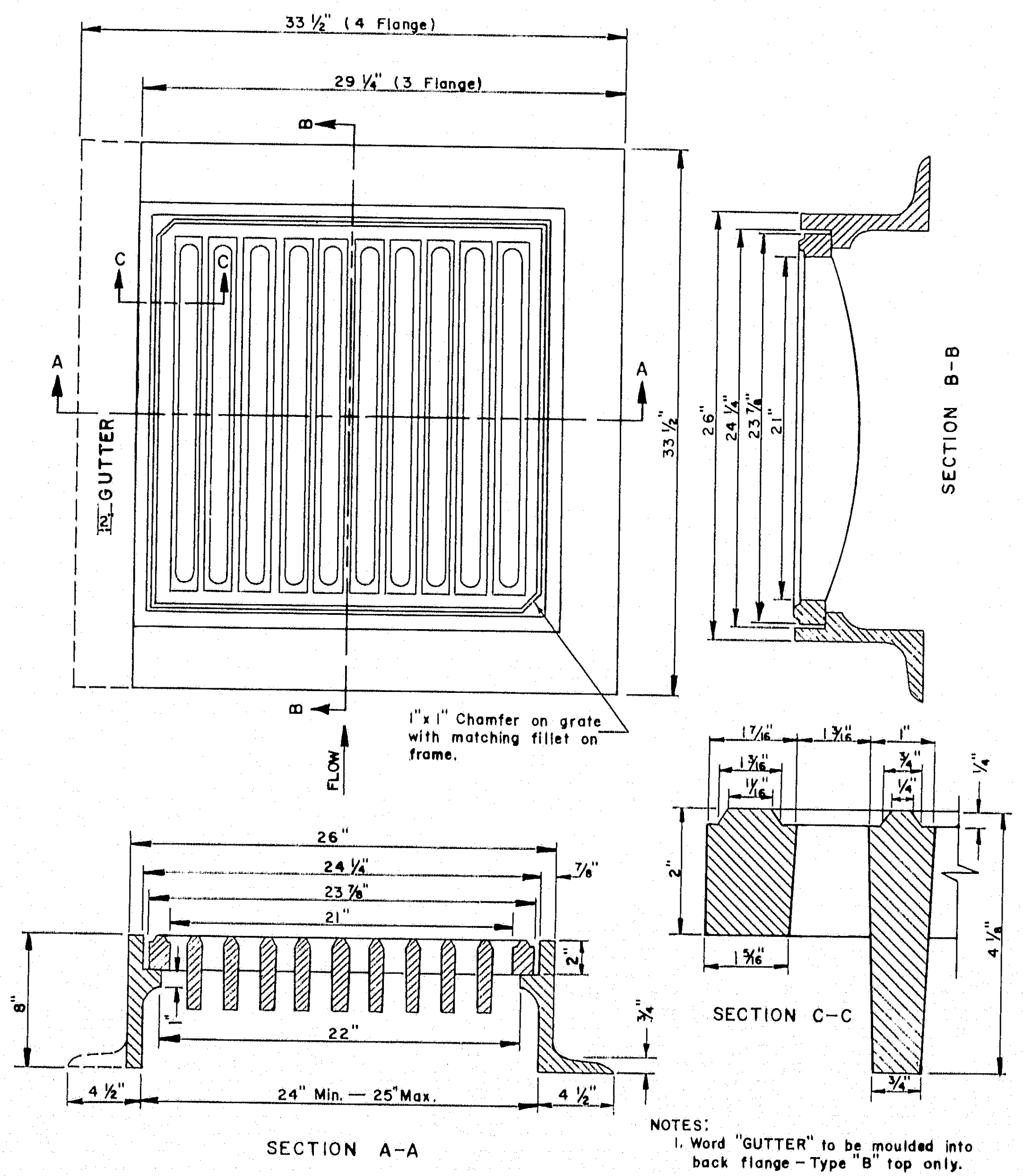


AT CURB WITHOUT INLET STONES

* If at bottom of sag, this dimension to be 10'-0."

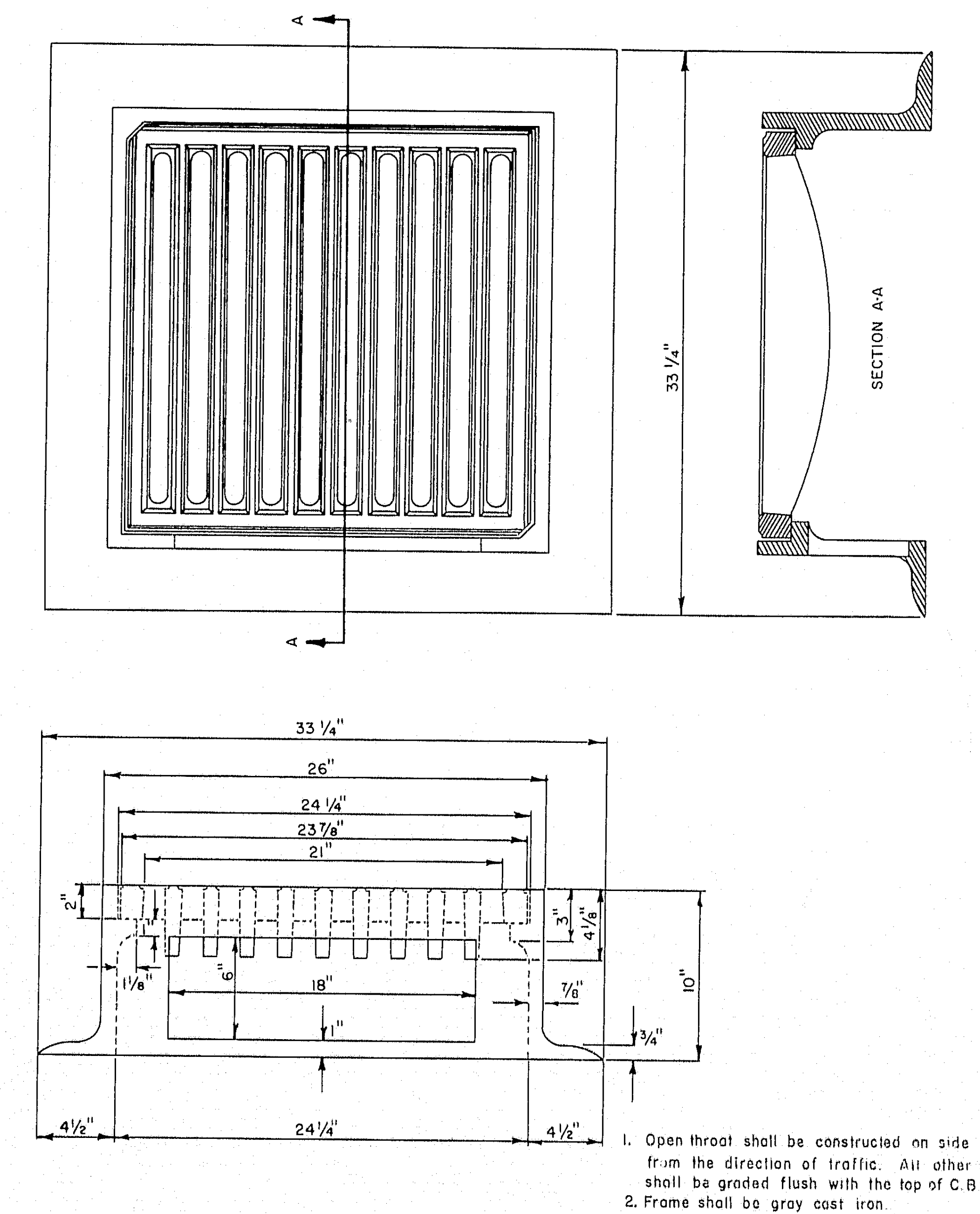
NOTE:
All grates shall be installed on a level grade. The grates shall be depressed 3" below the normal gutter grade unless this depression interferes with traffic.

GUTTER GRADE TRANSITION AT CATCH BASIN



NOTES:
1. Word "GUTTER" to be moulded into back flange — Type "B" top only.
2. Type "A" grate to have 3 flanges
3. Type "B" grate to have 4 flanges.
4. Frame and grate to be of gray cast iron.

TYPE "A" & "B" CATCH BASIN TOPS



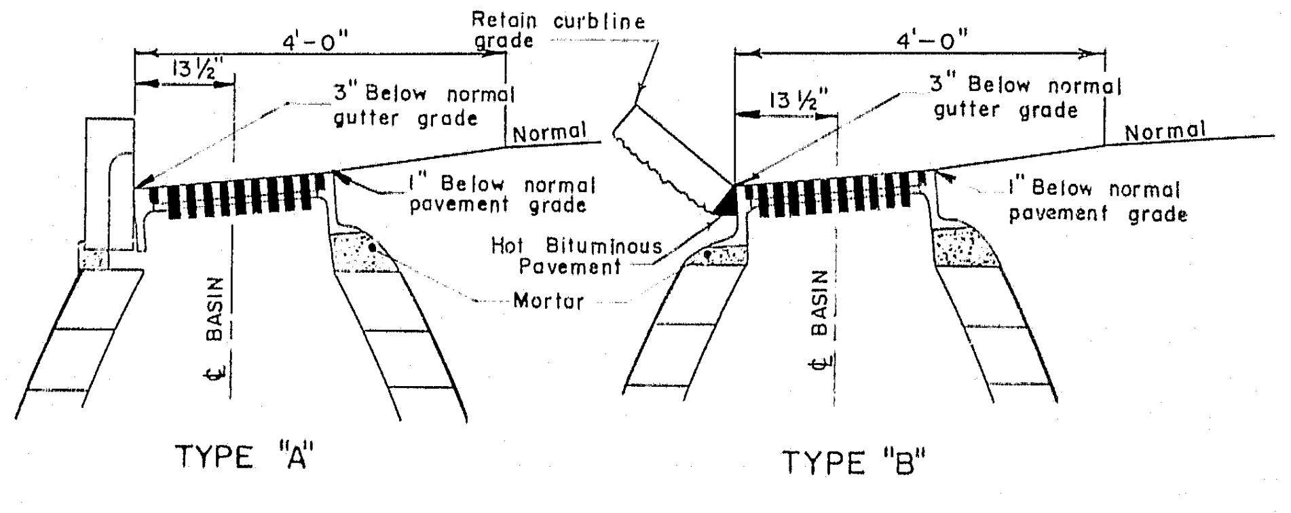
1. Open throat shall be constructed on side away from the direction of traffic. All other sides shall be graded flush with the top of C.B grate.
2. Frame shall be gray cast iron.
3. Grate shall be same as type "A" and "B".

TYPE "C" CATCH BASIN TOPS

STRUCTURE	TOP				SHAPE				
CATCH BASIN	A	B	C	D	1	2	3	4	5
Type A-1	X				X		X		
Type A-2	X					X		X	
Type B-1		X			X		X		
Type B-2		X				X		X	
Type C-1			X		X		X		
Type C-2			X			X		X	
MANHOLE				X		X		X	X

TABLE OF CATCH BASIN TYPES
(COMBINATION OF TOPS AND SHAPES)

For Type "E" Catch Basin See Sheet No. 3


4'-0"
13 1/2"
3" Below normal gutter grade
Normal
1" Below normal pavement grade
Retain curbline grade
Hot Bituminous Pavement
Mortar
BASIN
4'-0"
13 1/2"
3" Below normal gutter grade
Normal
1" Below normal pavement grade
BASIN

TYPE "A"

TYPE "B"

CATCH BASIN TOP INSTALLATION

REVISIONS	
MINOR REV.	MAY 1967

MAINE STATE HIGHWAY COMMISSION
AUGUSTA, MAINE

PISCATAQUA RIVER BRIDGE
STANDARD DETAILS

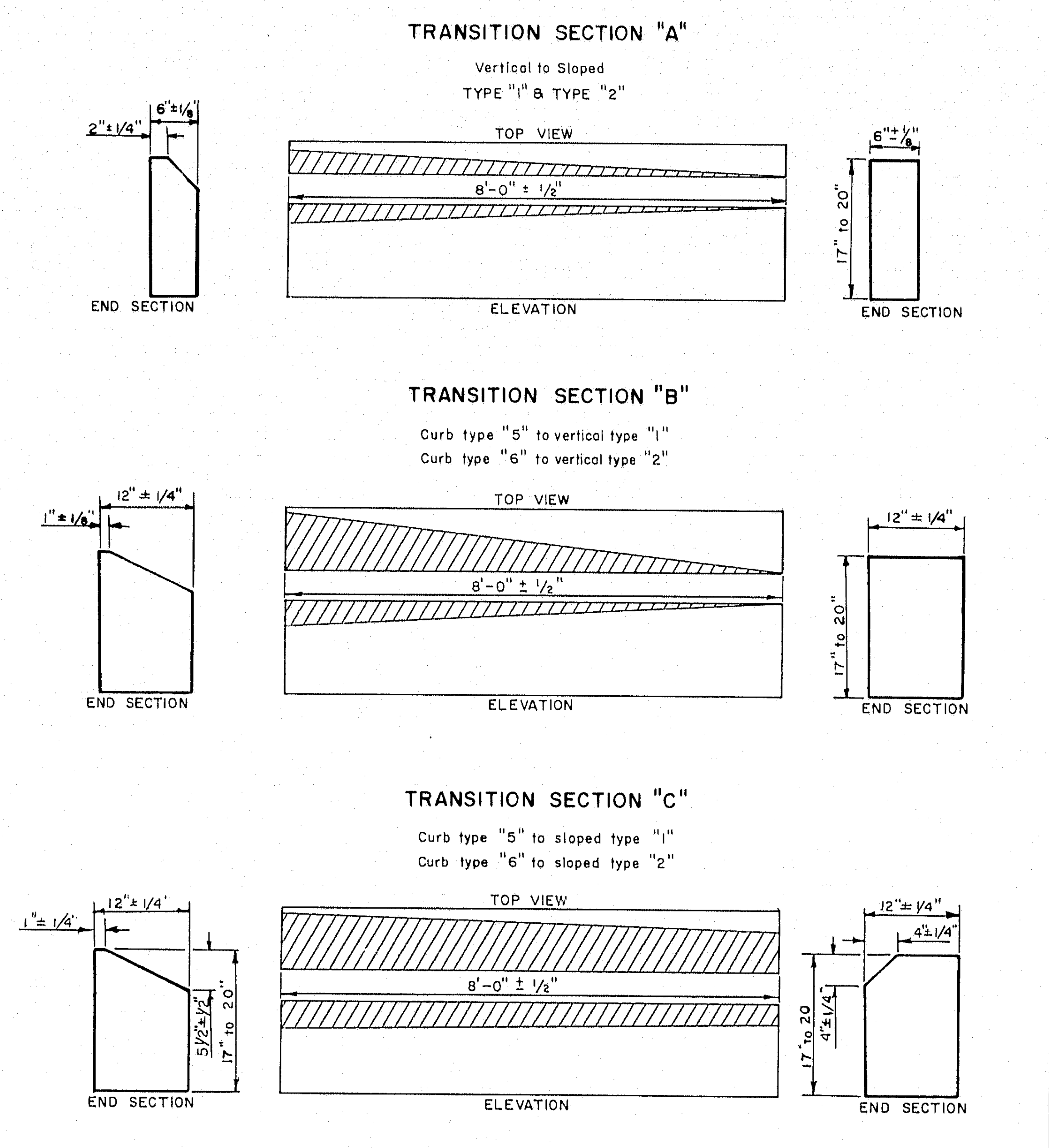
CATCH BASINS
AND
MANHOLES

SHEET 72 OF 75

DEC. 1966 ①

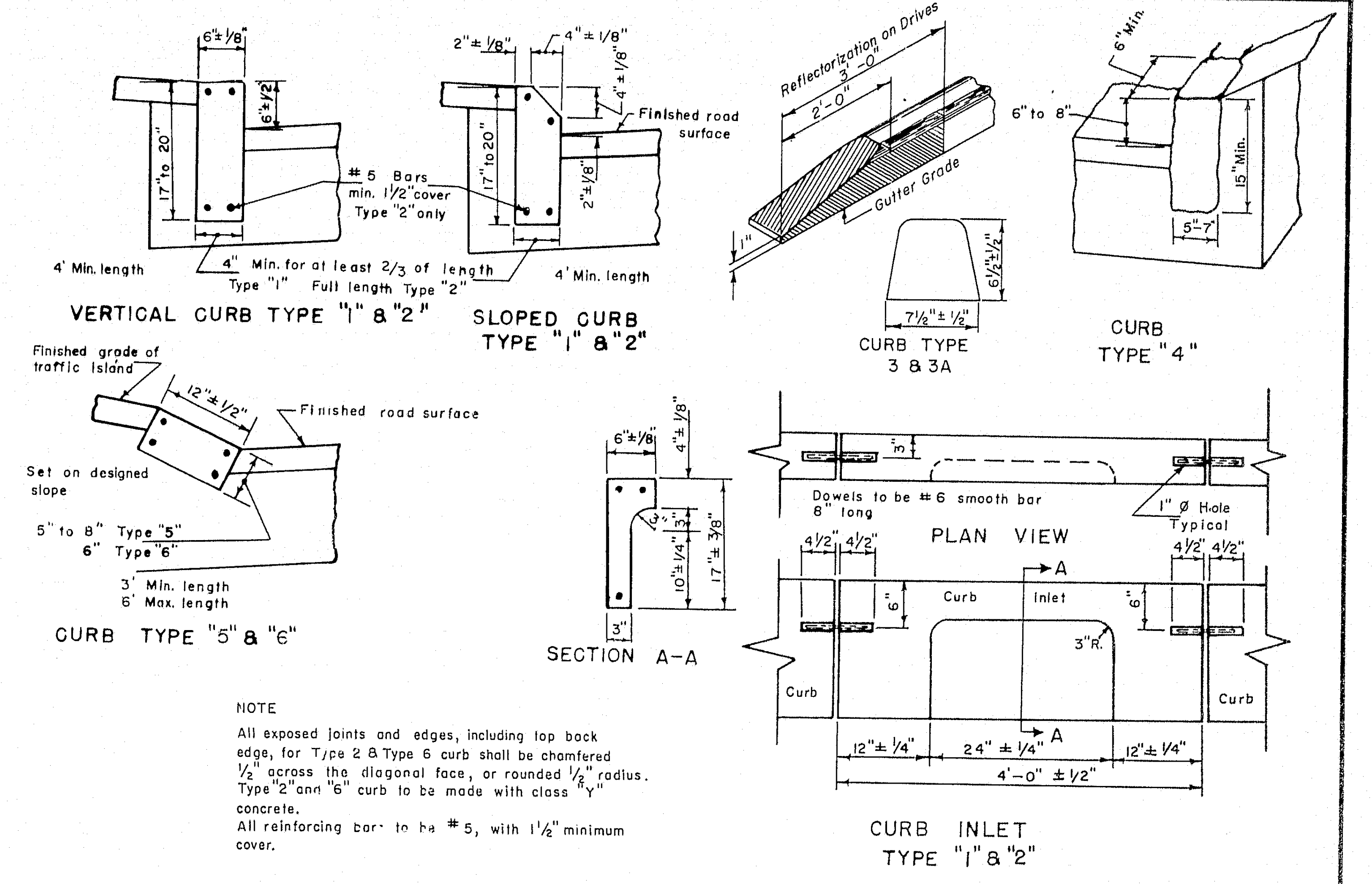
129-11

B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO	TOTAL SHEETS
1	MAINE	I-95-1(22)16	73	75



CURB TRANSITION

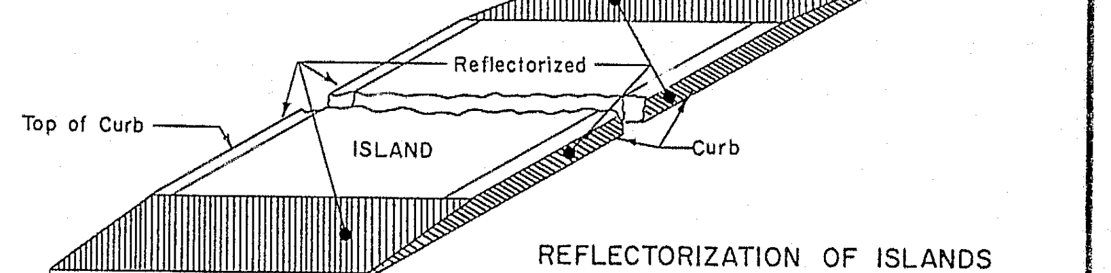
NOTE - TYPE 2 CURB
Precast concrete curb to be made with class "Y" concrete.
All reinf. bars to be # 5, 1½" min. cover.



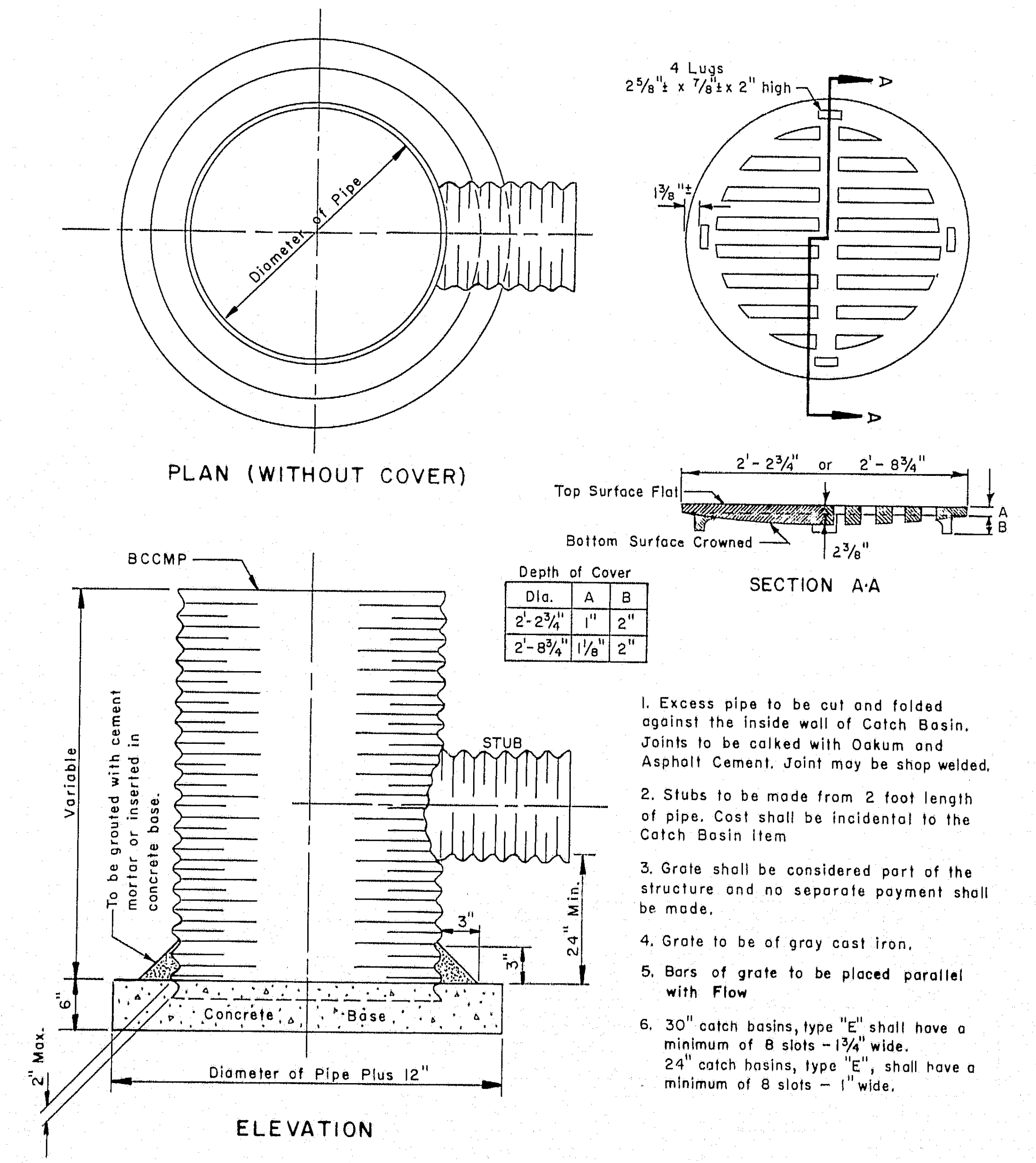
NOTE

All exposed joints and edges, including top back edge, for Type 2 & Type 6 curb shall be chamfered ½" across the diagonal face, or rounded ½" radius. Type "2" and "6" curb to be made with class "Y" concrete.
All reinforcing bars to be # 5, with 1½" minimum cover.

CURB



REFLECTORIZATION OF ISLANDS



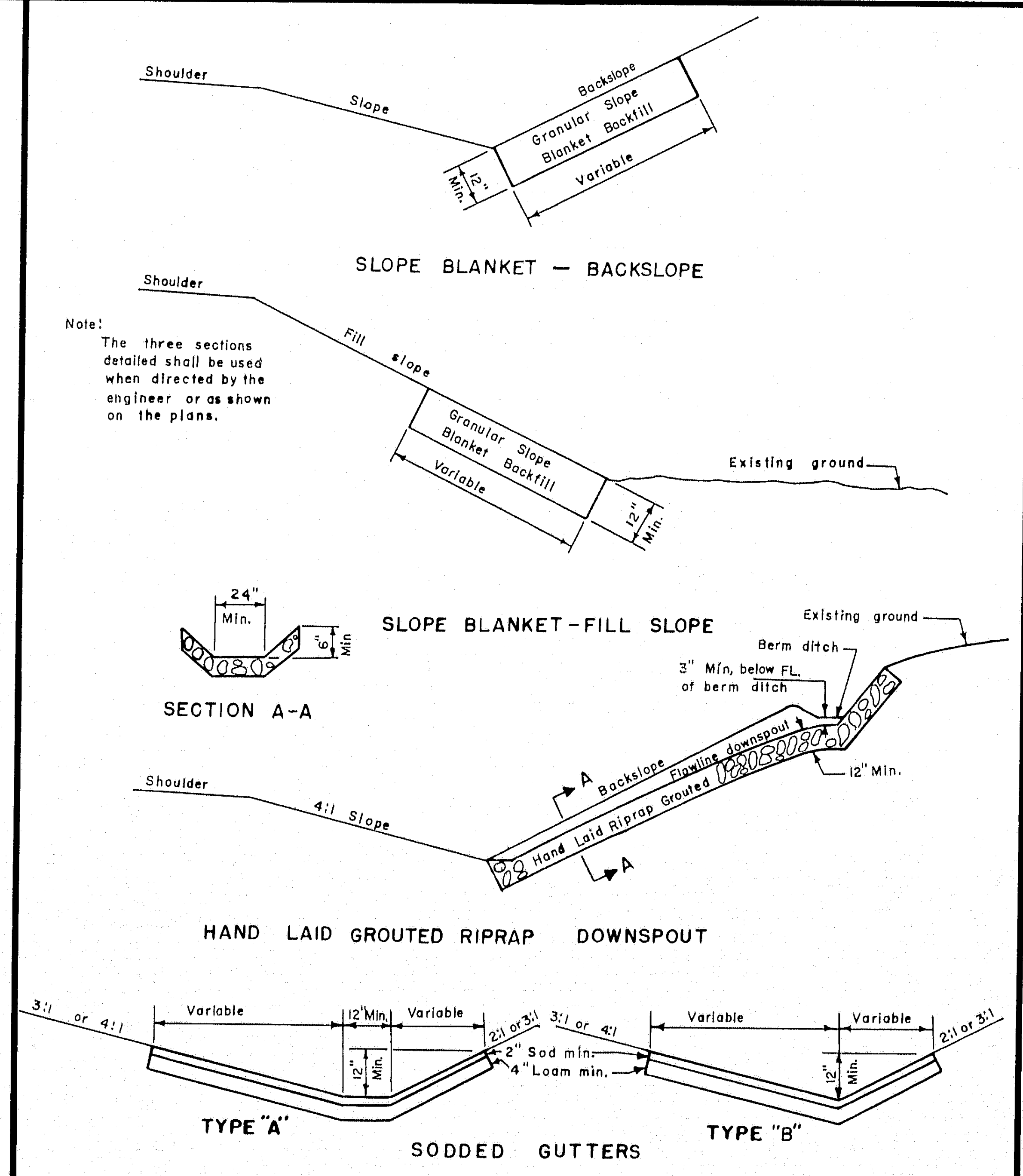
Depth of Cover

Dia.	A	B
2'-2¾"	1"	2"
2'-8¾"	1⅛"	2"

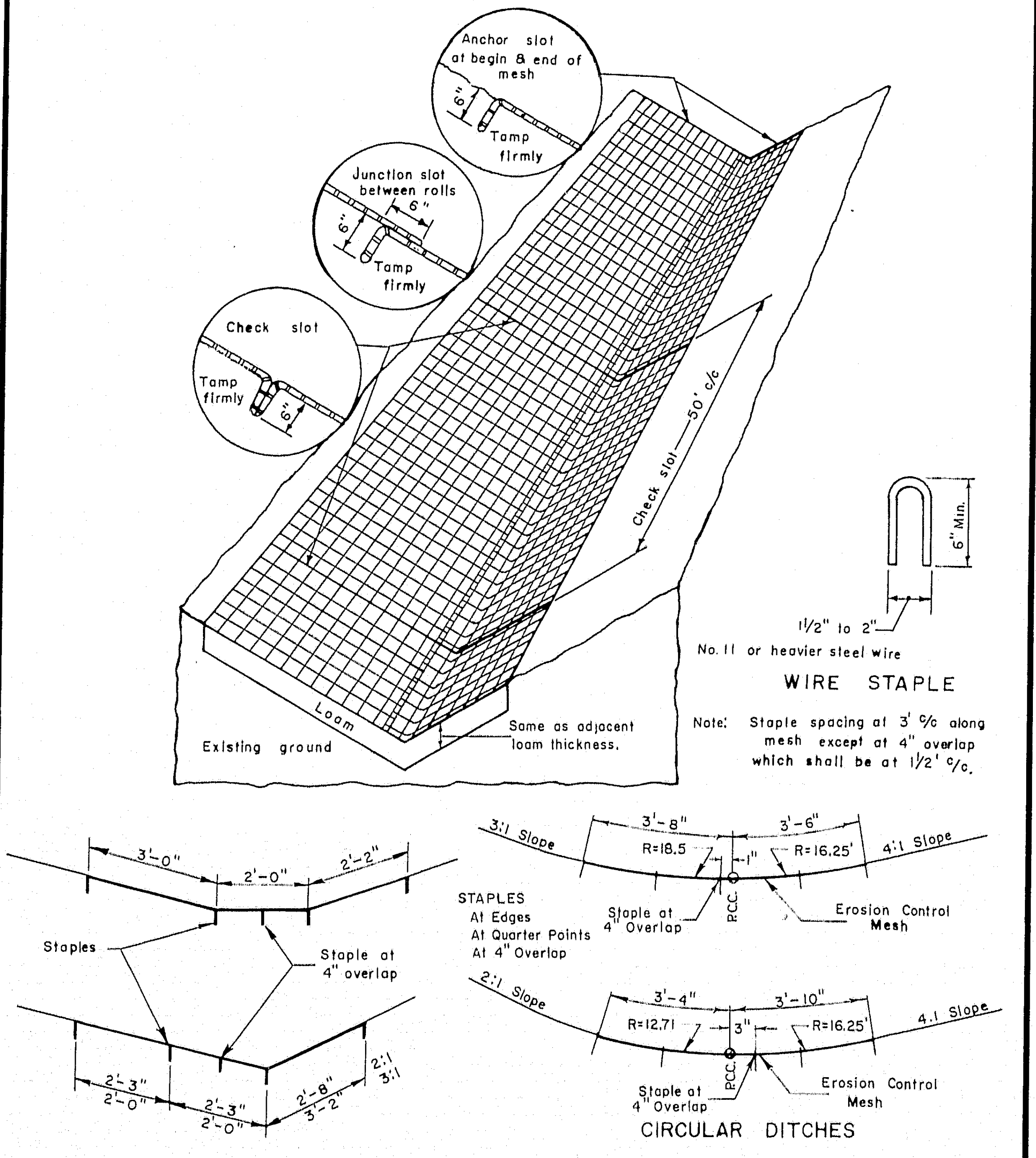
1. Excess pipe to be cut and folded against the inside wall of Catch Basin. Joints to be calked with Oakum and Asphalt Cement. Joint may be shop welded.
2. Stubs to be made from 2 foot length of pipe. Cost shall be incidental to the Catch Basin Item
3. Grate shall be considered part of the structure and no separate payment shall be made.
4. Grate to be of gray cast iron.
5. Bars of grate to be placed parallel with Flow
6. 30" catch basins, type "E" shall have a minimum of 8 slots - 1¾" wide.
   24" catch basins, type "E", shall have a minimum of 8 slots - 1" wide.

CATCH BASIN TYPE "E"

Note:
The three sections detailed shall be used when directed by the engineer or as shown on the plans.



DITCHES AND SLOPES

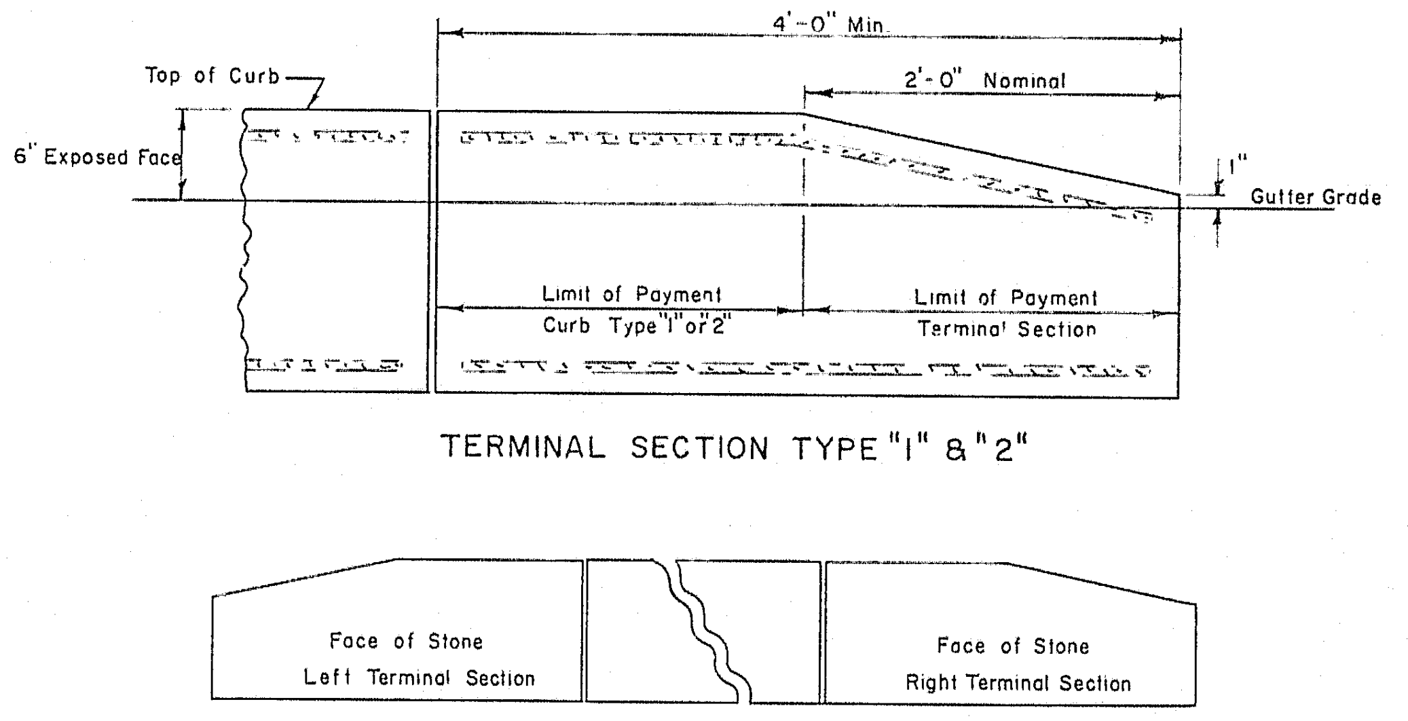


Note: Staple spacing at 3' c/c along mesh except at 4" overlap which shall be at 1½' c/c.

EROSION CONTROL MESH

CURB TYPES 5 AND 6 ON CURVES

RADIUS OF CURVE	LENGTH	PAID FOR AS	STONE IS CUT OR CAST
0' to 8' Incl.	2' min.	Circular	To Fit Curve
Over 8' to 30' Incl.	12" Min. Chord	Circular	Straight Pieces, Radial Ends
Over 30' and Under 160'	2' to 3'	Straight	Straight Pieces
160' and Over	3' to 6'	Straight	Straight Pieces


4'-0" Min.
2'-0" Nominal
Top of Curb
6" Exposed Face
1"
Gutter Grade
Limit of Payment Curb Type 1 or 2
Limit of Payment Terminal Section
TERMINAL SECTION TYPE "1" & "2"
Face of Stone Left Terminal Section
Face of Stone Right Terminal Section

TERMINAL CURB SECTION

REVISIONS

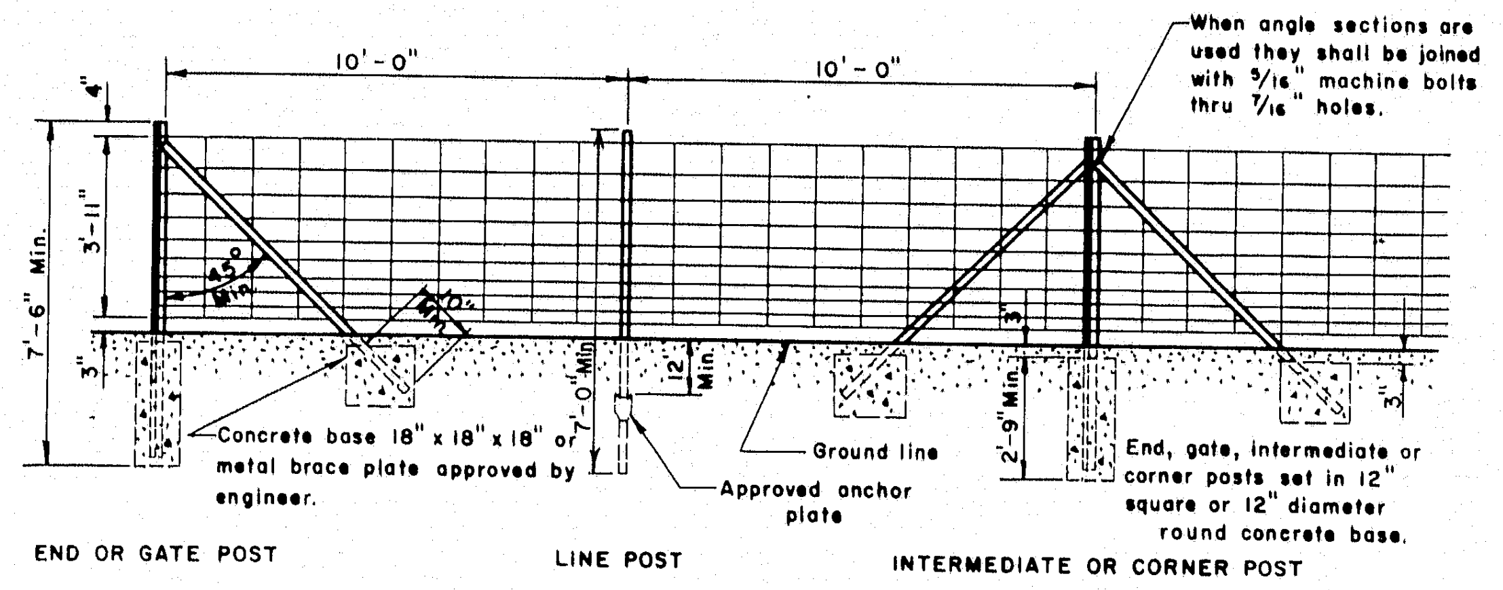
MAINE STATE HIGHWAY COMMISSION
AUGUSTA, MAINE

PISCATAQUA RIVER BRIDGE
STANDARD DETAILS
CURB, DITCHES AND
SLOPES, AND CATCH BASINS
TYPE "E"

SHEET 73 OF 75 DEC. 1966 ③

129-12

B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO	TOTAL SHEETS
1	MAINE	I-95-1(22)16	74	75


10'-0"
10'-0"
When angle sections are used they shall be joined with 5/16" machine bolts thru 7/16" holes.
4"
3'-11"
7'-6" Min.
45° Min.
10" Min.
3"
7'-0" Min.
12" Min.
3"
2'-9" Min.
3"
Concrete base 18" x 18" x 18" or metal brace plate approved by engineer.
Ground line
Approved anchor plate
End, gate, intermediate or corner posts set in 12" square or 12" diameter round concrete base.
END OR GATE POST
LINE POST
INTERMEDIATE OR CORNER POST

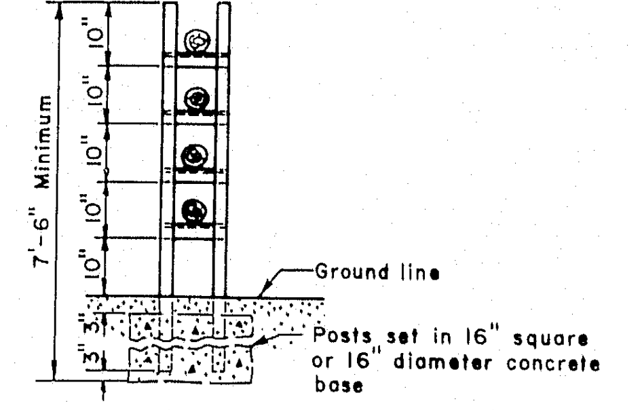
END, INTERMEDIATE AND CORNER POSTS – 2½" x 2½" x ¼" angle or nominal diameter 2" galvanized steel pipe minimum weight of 3.65 pounds per foot with approved top cap. Length 7'-6"

GATE POSTS – 3½" x 3½" x 5/16" rolled angle section, or nominal diameter 2½" galvanized steel pipe with minimum weight of 5.79 pounds per foot. Pipe shall be filled with concrete and have an approved top cap. Length 7'-6"

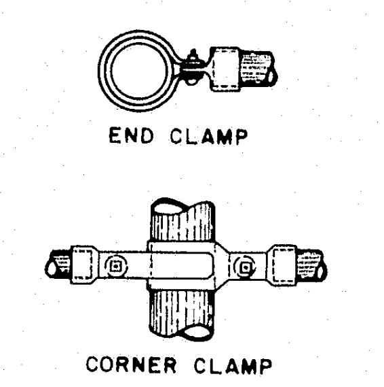
BRACES – 1¾" x 1¾" x ¼" rolled angle section, or nominal diameter 1¼" galvanized steel pipe with minimum weight of 2.27 pounds per foot.

LINE POSTS – Standard studded "T" post with minimum weight of 1.33 pounds per foot or standard lug "U" post with minimum weight of 1.12 pounds per foot. Length 7'-0"

WOVEN WIRE FENCING - METAL POSTS



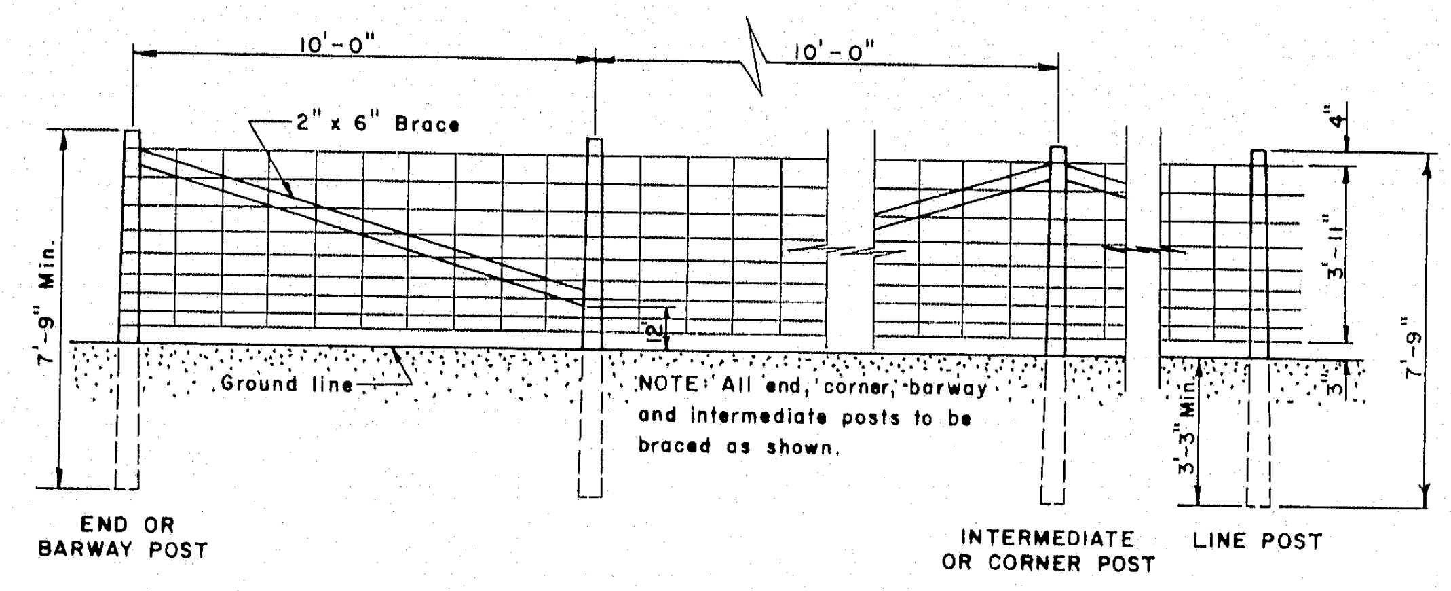
BARWAY



BRACE CLAMPS - PIPE POSTS

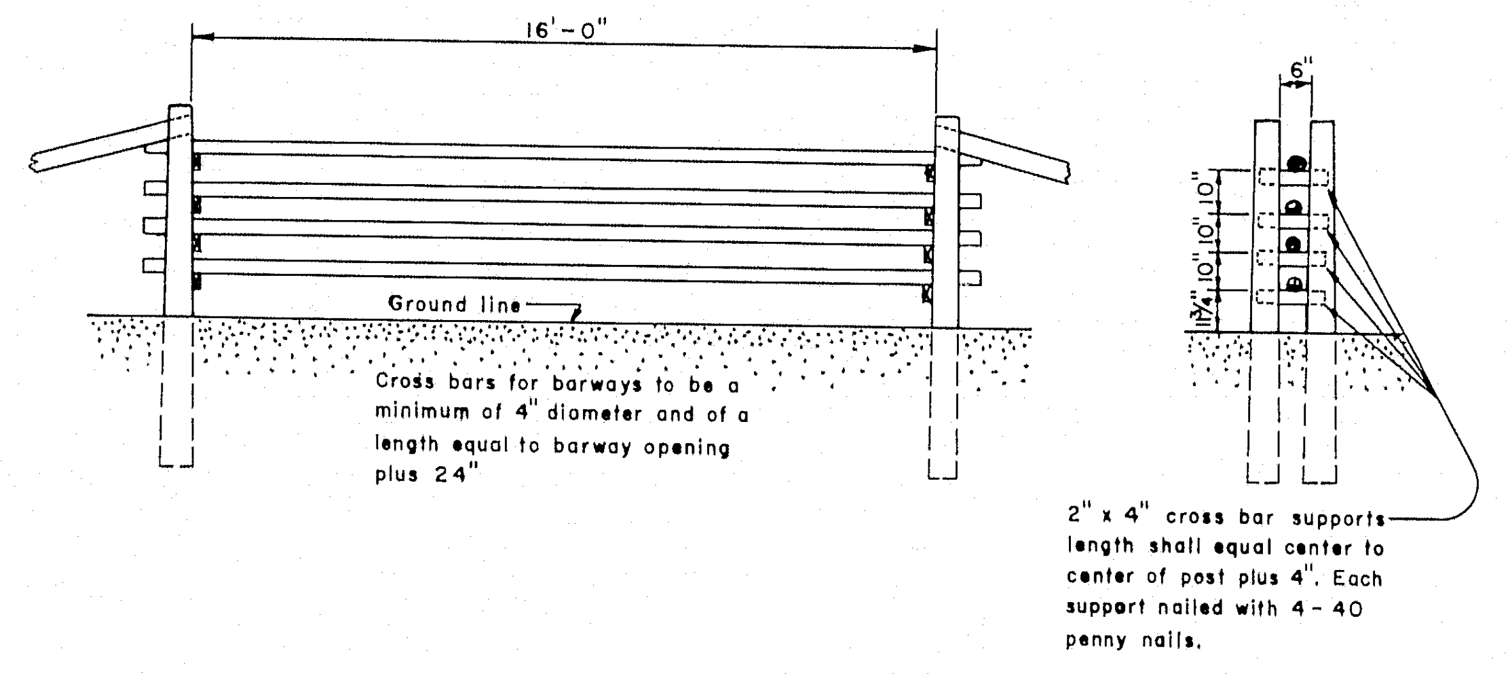
BARWAYS – Metal posts shall be installed for a 16'-0" opening. Barway posts and braces shall conform to requirements of "Gate Posts" and "Braces" under "Woven Wire Fencing – Metal Posts." Cross bar supports for barways shall be 1¾" x 1¾" x ¼" rolled angle section. When round gate posts are used, length of cross bar supports shall equal center to center of posts plus 2 inches and they shall be attached to the barway post with 5/16" x 4¼" machine bolts. When angle section gate posts are used, the length of cross bar supports shall be equal to the out to out dimensions of the angle sections and shall be attached with 5/16" x 1" machine bolts. All bracing shall conform to the requirements of "Woven Wire Fencing – Metal Posts." Cross bars shall be as required for "Barways – Wood Posts."

BARWAYS - METAL POSTS

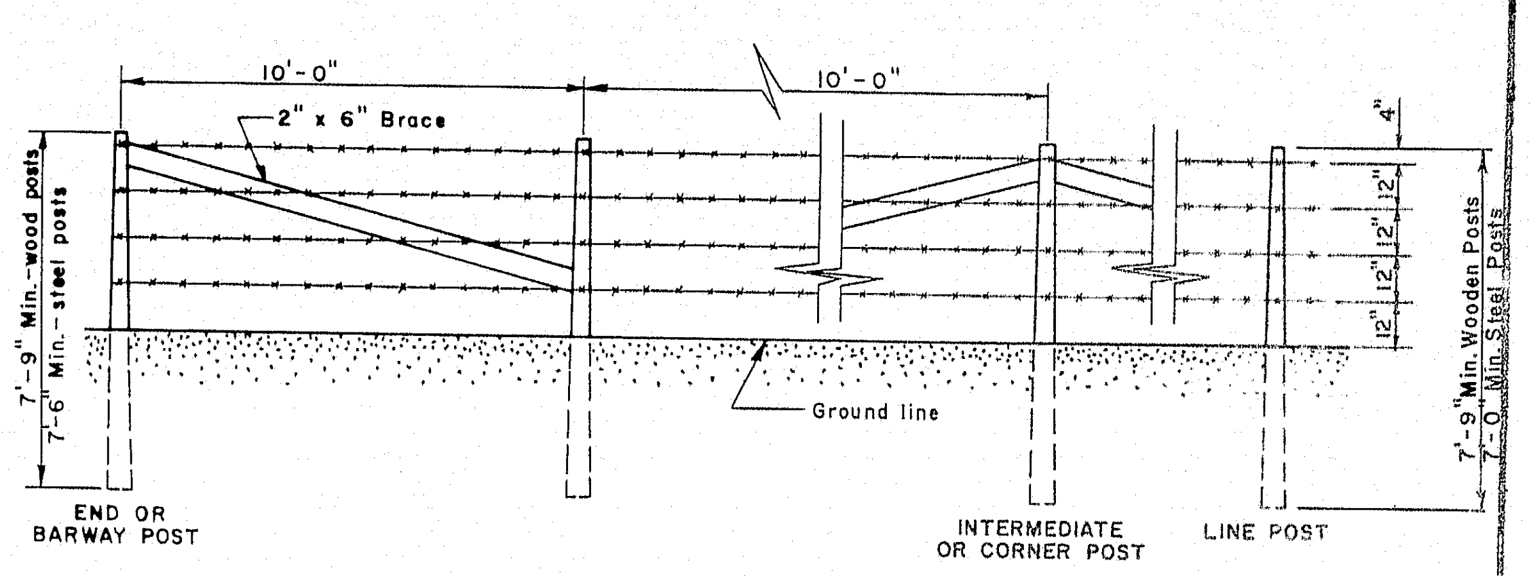

10'-0"
10'-0"
2" x 6" Brace
7'-9" Min.
12"
Ground line
NOTE: All end, corner, barway and intermediate posts to be braced as shown.
4"
3'-11"
7'-9"
3"
3'-3" Min.
END OR BARWAY POST
INTERMEDIATE OR CORNER POST
LINE POST

WOVEN WIRE FENCING - WOOD POSTS

Staples for wood posts to be 9 ga. 1½", placed according to the specifications.

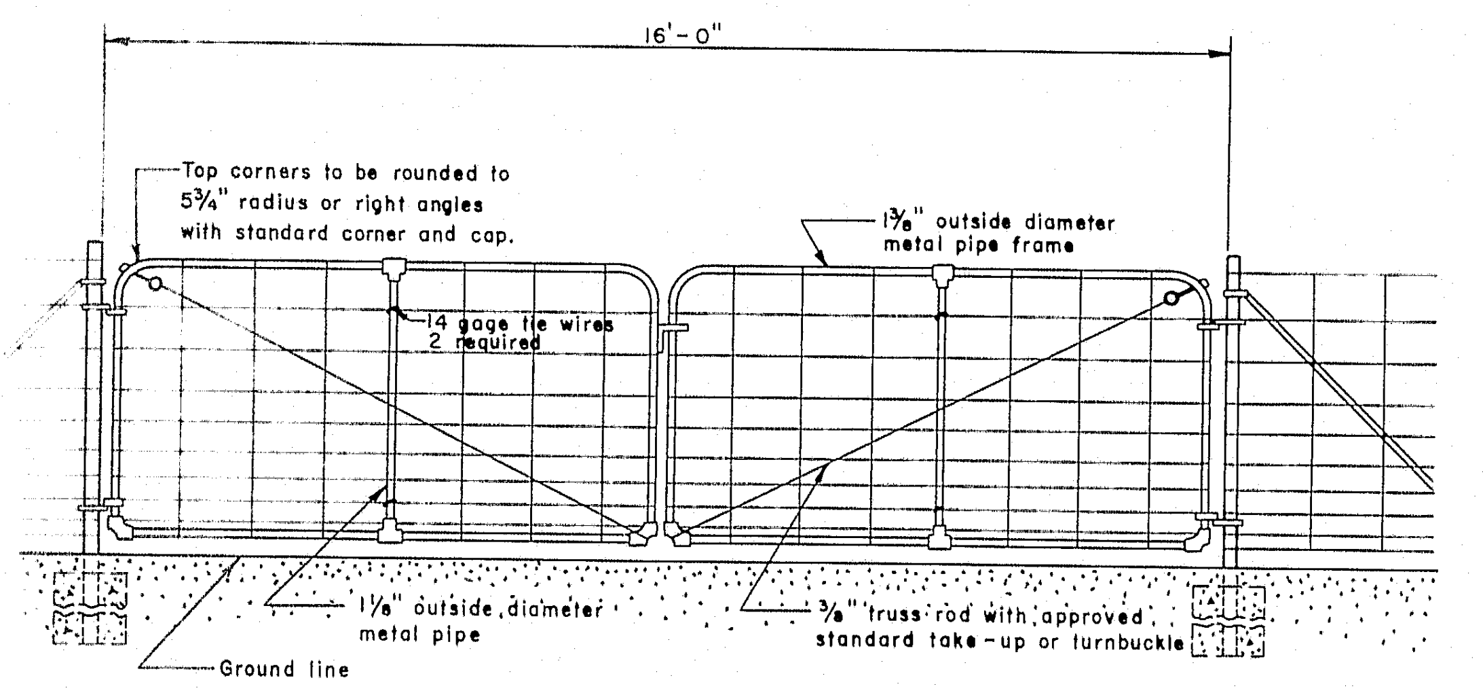

16'-0"
Ground line
Cross bars for barways to be a minimum of 4" diameter and of a length equal to barway opening plus 24"
6"
10"
10"
10"
10"
11¾"
2" x 4" cross bar supports length shall equal center to center of post plus 4". Each support nailed with 4 - 40 penny nails.

BARWAYS - WOOD POSTS



"Barbed Wire – Metal Posts" shall be constructed with the post and wire spacing shown above. Metal posts and braces shall conform to all the requirements noted and shown for "Woven Wire Fencing – Metal Posts," including concrete bases

BARBED WIRE FENCING - WOOD POSTS AND BARBED WIRE FENCING - METAL POSTS


16'-0"
Top corners to be rounded to 5¾" radius or right angles with standard corner and cap.
1⅝" outside diameter metal pipe frame
14 gage tie wires 2 required
1⅛" outside diameter metal pipe
⅜" truss rod with approved standard take-up or turnbuckle
Ground line

Gate posts, braces and anchorages to be as specified under "woven wire fencing – metal posts."

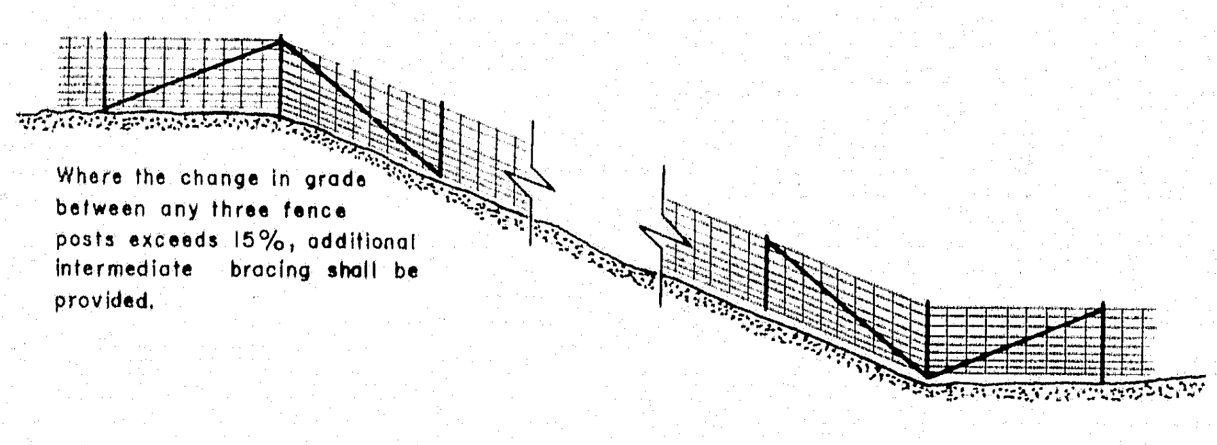
All gates shall be installed with the top hinge pin pointing down.

Wire for gates shall conform to A.S.T.M. A116, class 1, design no. 1047-12-11.

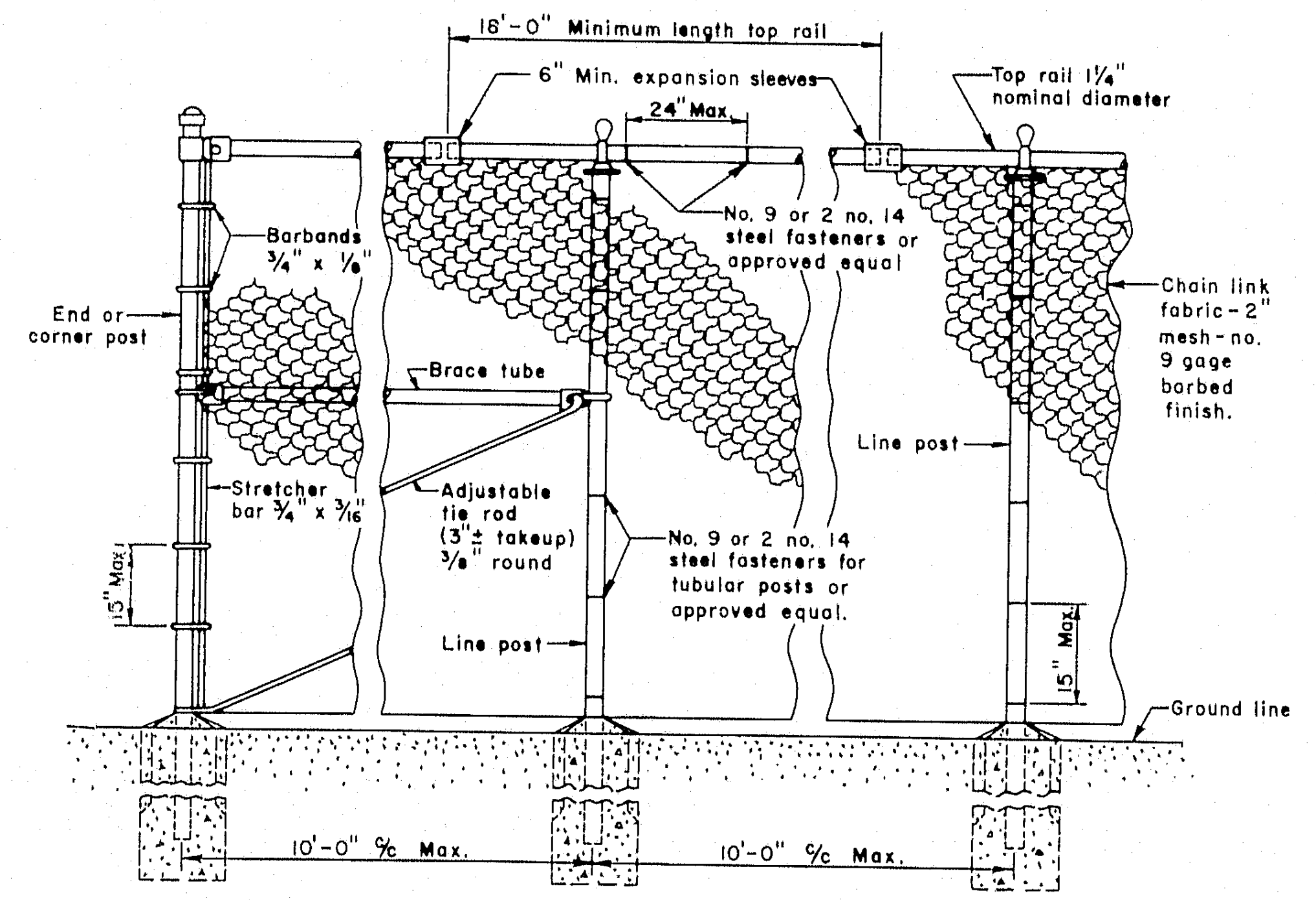
The required fittings for fence and gates shall be steel or malleable iron of approved standard type.

Gates shall be furnished with standard fork latch and one piece of 3/16" straight link, alloy steel chain, 24" long. One end shall be attached to gate frame and attached to the other end shall be a snap lock or other approved fastening device.

DRIVE GATEWAYS - 16 FEET


Where the change in grade between any three fence posts exceeds 15%, additional intermediate bracing shall be provided.

INTERMEDIATE BRACING

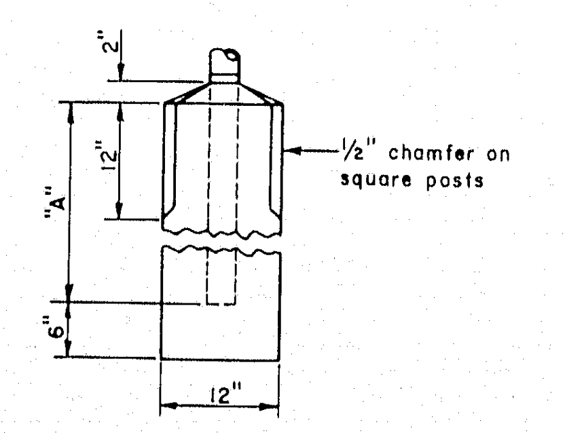

18'-0" Minimum length top rail
6" Min. expansion sleeves
24" Max.
Top rail 1¼" nominal diameter
Barbands ¾" x ⅛"
End or corner post
No. 9 or 2 no. 14 steel fasteners or approved equal
Chain link fabric - 2" mesh - no. 9 gage barbed finish.
Brace tube
Stretcher bar ¾" x 3/16"
Adjustable tie rod (3"± takeup) ⅜" round
No. 9 or 2 no. 14 steel fasteners for tubular posts or approved equal.
Line post
Line post
15" Max.
15" Max.
Ground line
10'-0" C/C Max.
10'-0" C/C Max.

END OR CORNER POSTS Nominal 2" diameter, galvanized steel pipe, minimum 3.65 pounds per linear foot or 2¼" x 2" "H" section. Minimum weight per linear foot = 4.10.

LINE POSTS: Nominal 1½" diameter, galvanized steel pipe, minimum weight 2.72 pounds per linear foot or 1⅞" x 1⅝" steel "H" section. Minimum weight per linear foot = 2.70.

BRACE TUBES: Nominal 1¼" diameter, galvanized steel pipe, minimum weight 2.27 pounds per linear foot.

STRETCHER BARS: Length to be 1" less than full height of fabric. One stretcher bar for each gate and end post, and two stretcher bars for corner and bracing.

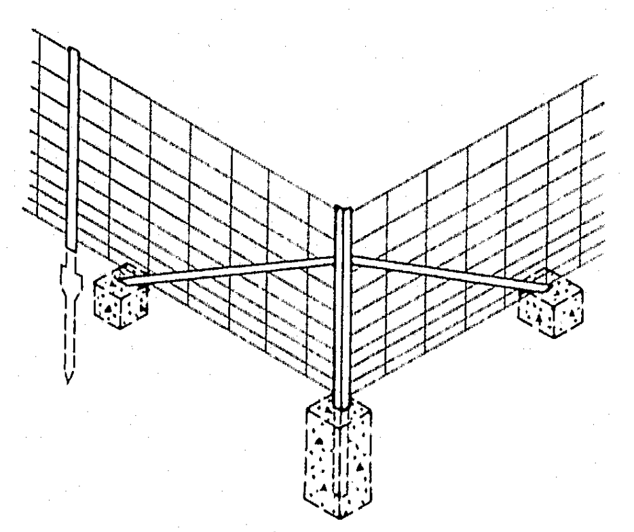


"A" = 2'-6" for 4' fence; 3'-0" for 6' fence and 5'-0" for all end and gate posts.

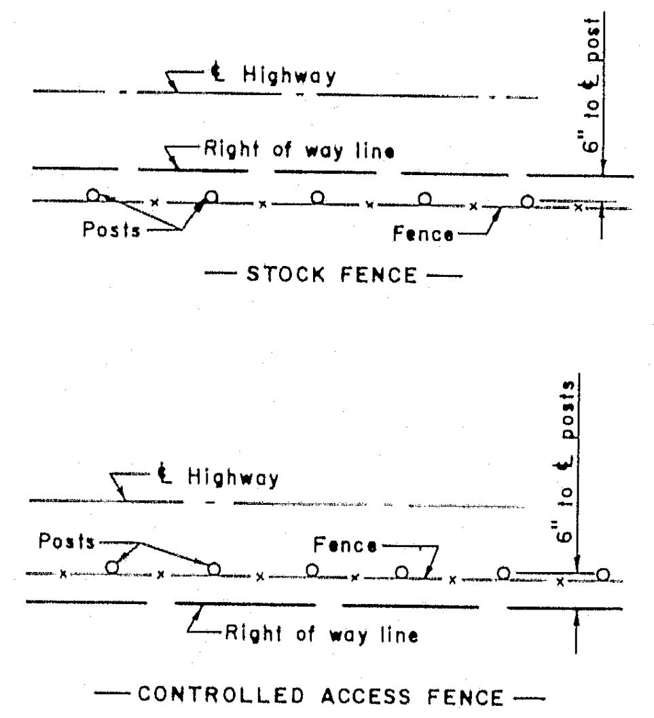
NOTE: Round bases may be substituted for the square bases shown by using fibre tubular forms.

LINE, GATE AND END POST BASE

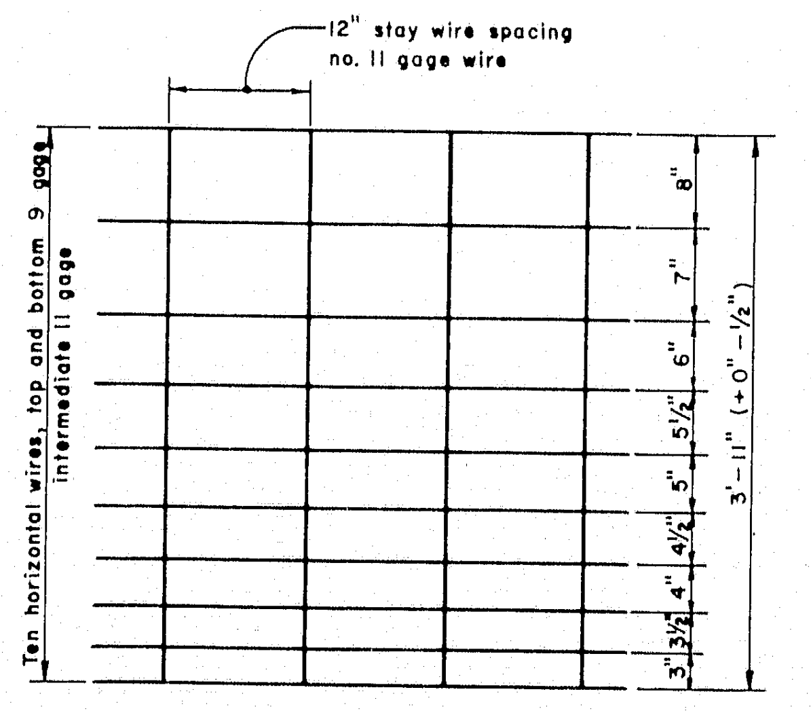
CHAIN LINK FENCE



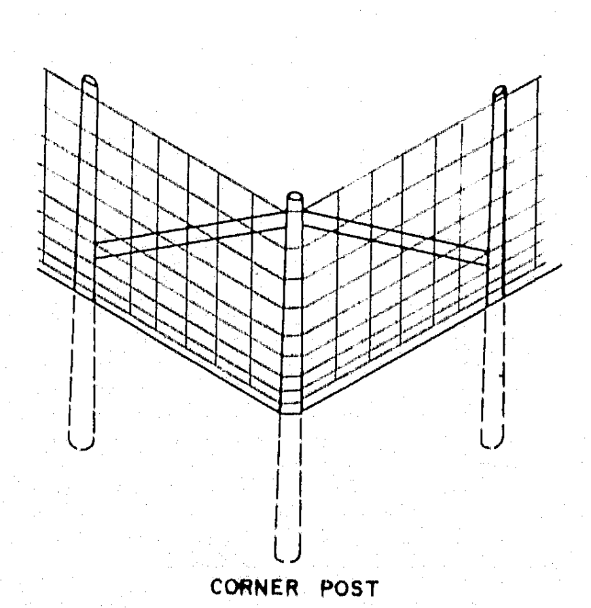
BRACING ASSEMBLY for METAL POST



FENCE LOCATION WITH RESPECT TO RIGHT OF WAY LINE


12" stay wire spacing no. 11 gage wire
Ten horizontal wires, top and bottom 9 gage intermediate 11 gage
8"
7"
6"
5½"
5"
4½"
4"
3½"
3"
3'-11" (+0" - ½")

WOVEN WIRE FENCE



BRACING ASSEMBY for WOOD POST

GENERAL NOTES: FENCING

1. When ledge is encountered, steel posts shall be set and grouted 12" deep unless the posts penetrate the ground to the depth indicated on the drawings.
2. Steel pipe used for posts, rails or bracing shall conform to ASTMA-53, galvanized.
3. When wood posts are used, braces shall be attached to posts with a minimum of 4, 40 penny nails per attachment.
4. When the word *"standard"* is used, it shall be interpreted as if it were followed by the expression *"to the fence industry"*.
5. Woven Wire and Barbed Wire Fencing shall be attached to wood posts with 9 gauge 1½" galvanized staples.
6. Concrete for post foundations shall be class B.

SPACING OF FENCE POSTS ON CURVES:

Radius of curve at fence location	Normal post spacing
Over 500 feet	10 feet
Over 200 feet to 500 feet	8 feet
Over 100 feet to 200 feet	6 feet
100 feet or less	5 feet

REVISIONS	
MINOR REV.	MAY 1967

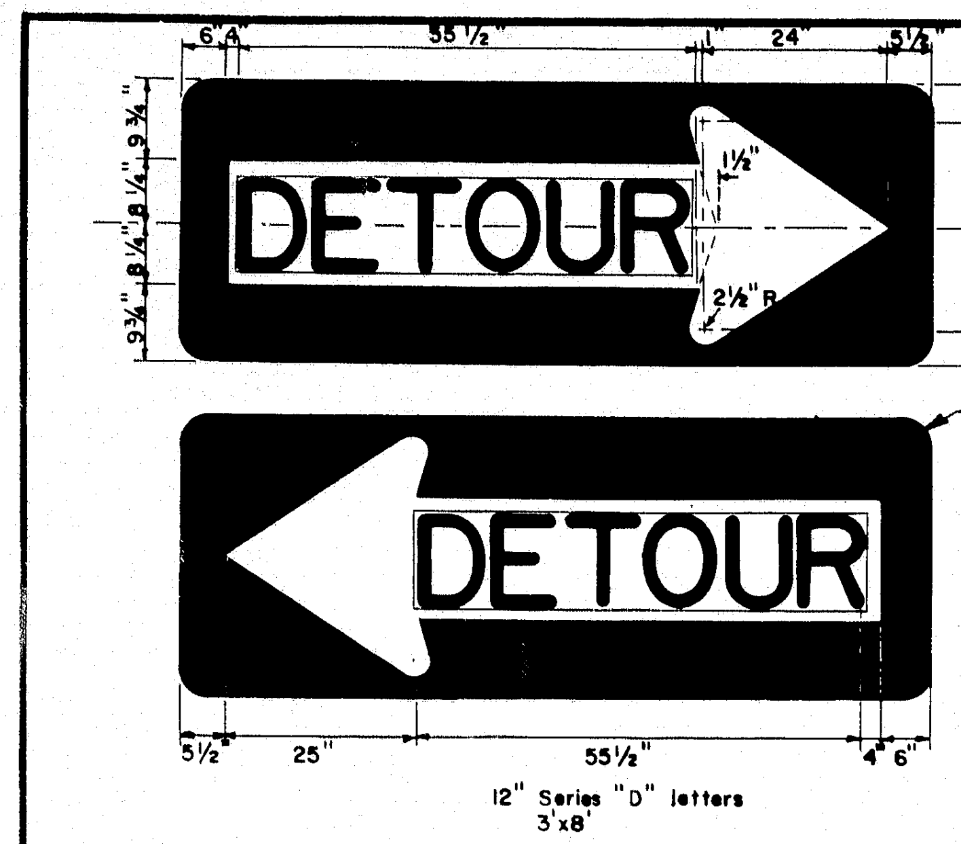
MAINE STATE HIGHWAY COMMISSION
AUGUSTA, MAINE

PISCATAQUA RIVER BRIDGE
STANDARD DETAILS

FENCING

SHEET 74 OF 75
DEC. 1966 (6)

129-13

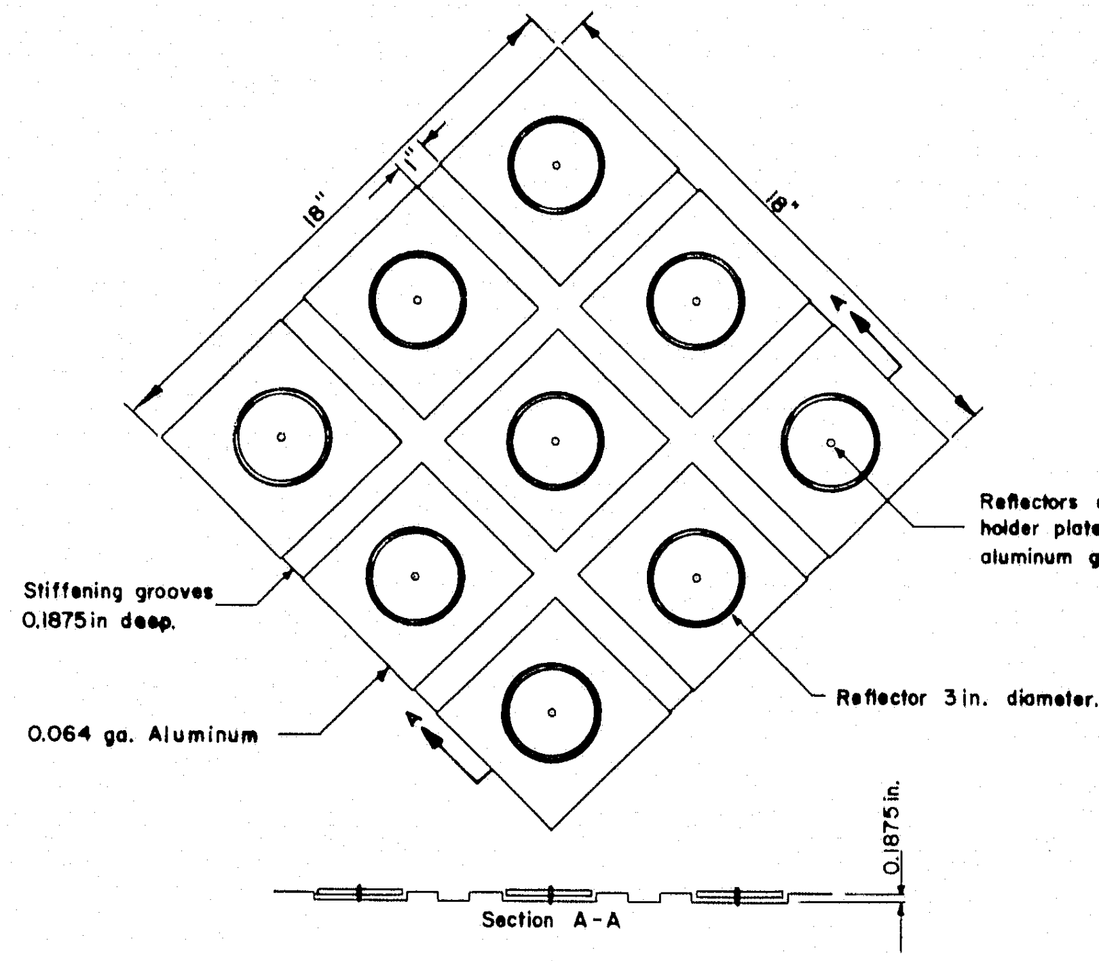


Detachable DETOUR message shall have 1" clearance from letters to edge on all sides.

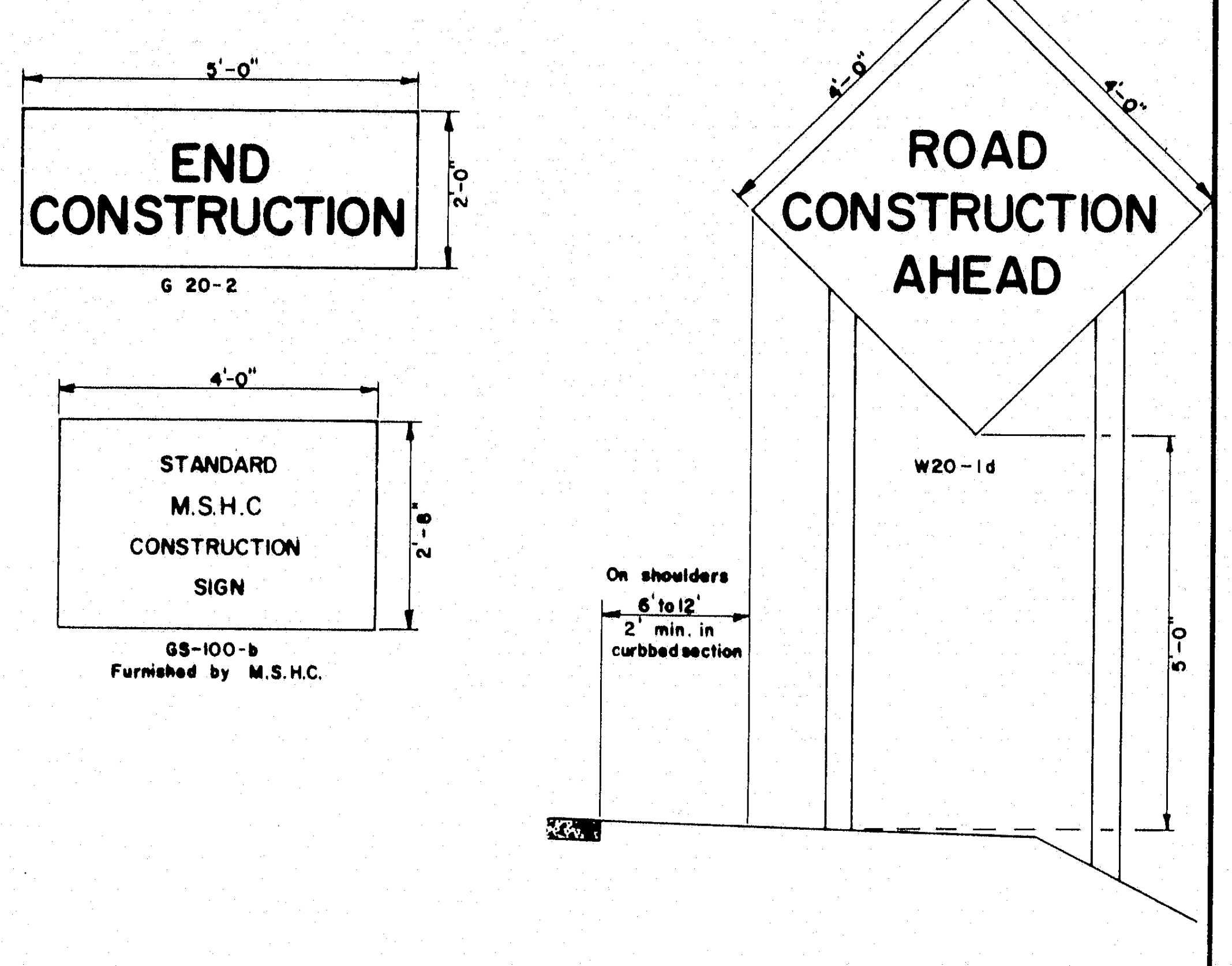
3 3/4" R. Typical

12" Series "D" letters
3'x8'

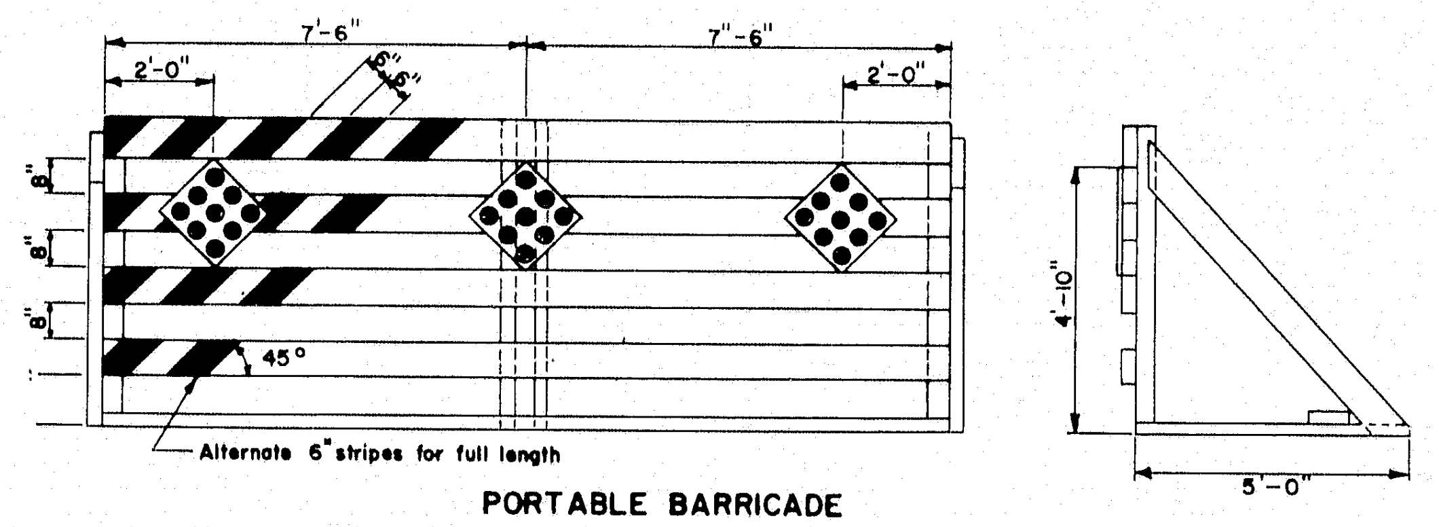
DETOUR SIGN


18"
18"
1"
A
A
Stiffening grooves 0.1875 in deep.
0.064 ga. Aluminum
Reflectors attached to holder plate by 3/16" I.D. aluminum grommet.
Reflector 3 in. diameter.
0.1875 in.
Section A-A

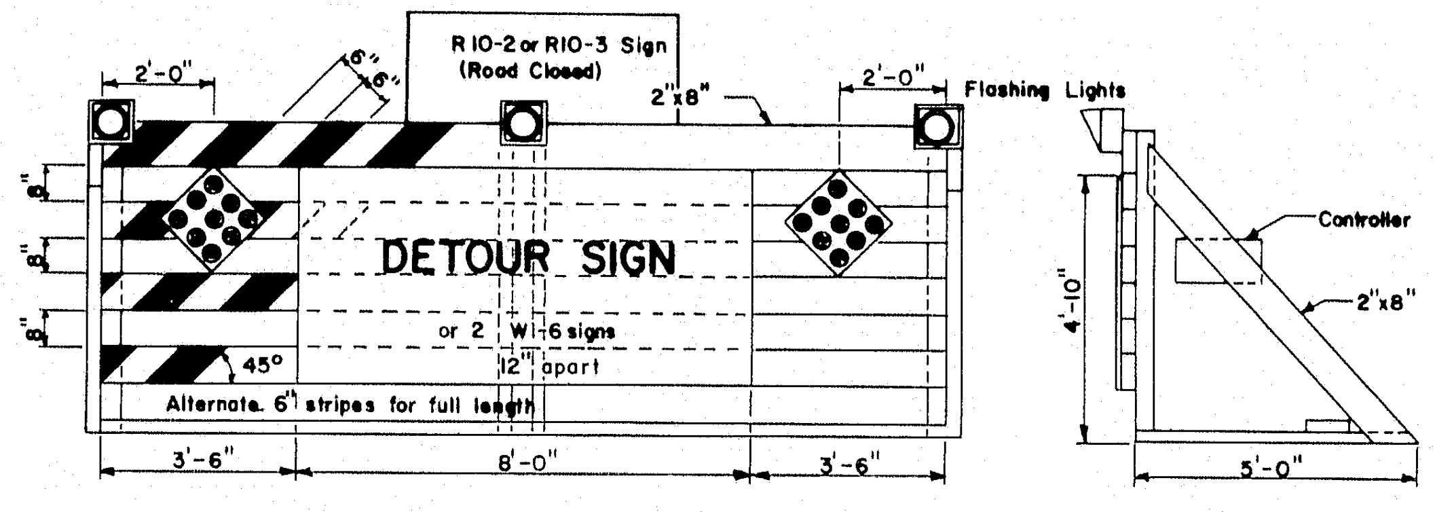
HAZARD MARKER



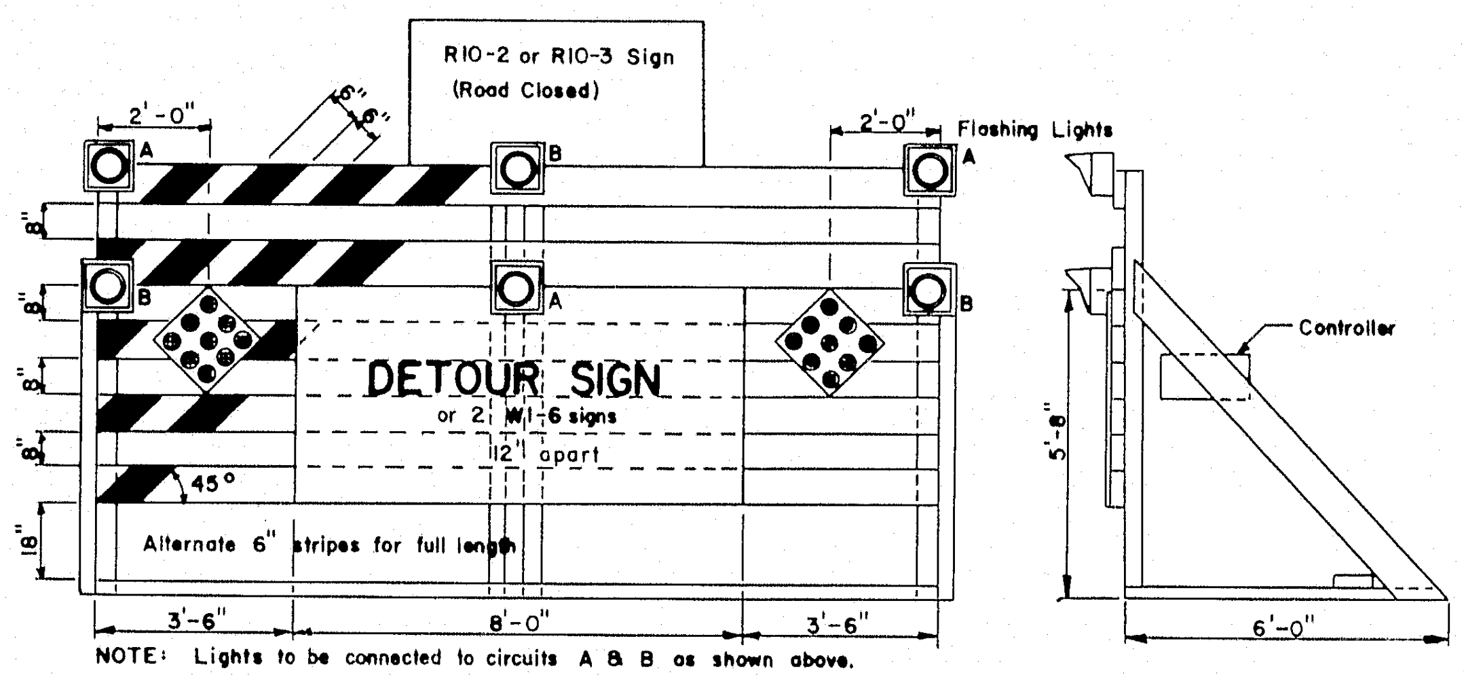
CONSTRUCTION SIGNS



PORTABLE BARRICADE



PORTABLE BARRICADE WITH FLASHING LIGHTS (NORMAL SIZE)



NOTE: Lights to be connected to circuits A & B as shown above.

OVERSIZED PORTABLE BARRICADE WITH FLASHING LIGHTS

BARRICADES

B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.
1	MAINE	I-95-1(22)16	75

GENERAL NOTES - BARRICADES

1. Unless otherwise designated, sign designation letters shall refer to the "Manual of Uniform Traffic Control Devices for Streets and Highways", published by the Department of Commerce, Bureau of Public Roads.
2. White stripes shall be of silver reflective sheeting bonded to 0.019 minimum gauge aluminum, 16 minimum gauge galvanized steel, or 1/4" plywood. Individual white sheets may be attached to a black painted background to form the black and white stripes. At the Contractor's option the reflective sheeting and backing may extend the full width of the barricade with an opaque film or paint applied to form the stripes.
3. All signs shall be of reflective sheeting on 5/8" thick plywood. The plywood shall conform to subsection 712.25, Maine State Highway Commission, Standard Specifications, June 1965.
4. Pressure sensitive reflective sheeting will be an acceptable alternate to the reflective sheeting required by Maine State Highway Commission, Standard Specifications, June 1965.

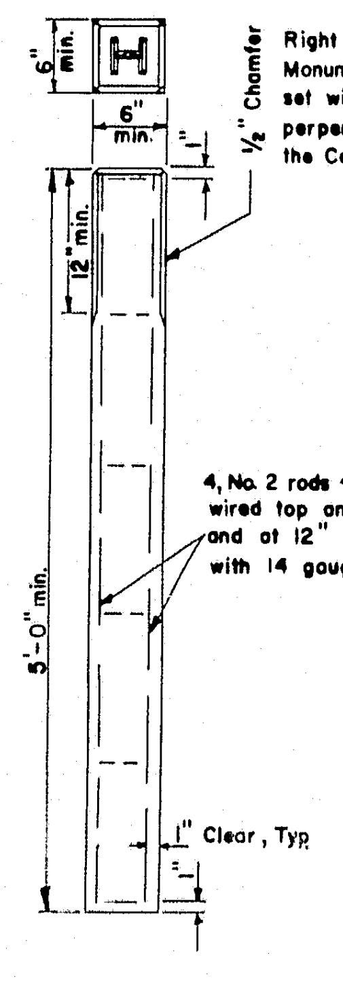
NOTES - PORTABLE BARRICADES

1. Lumber sizes for portable barricades shall be 2" x 8" except posts which shall be 4" x 4" (nominal sizes).
2. The detour sign shall be an oversized M5-7 sign with a demountable "DETOUR" message which shall be made of screened reflective sheeting on 1/4" plywood.
3. Hazard markers shall be attached to the barricade with a bolt assembly of steel cadmium plated 5/16" bolt, lock washer and vandal resistant nuts.
4. When two W1-6 signs are required, R10-2 or R10-3 signs shall be omitted.
5. Flashing lights housings shall be mounted to permit rotating in a vertical axis to allow for adjustment to face oncoming traffic.
6. Location of electric service and meter to be determined after the power source has been located.

NOTES-WING BARRICADES

1. Lumber sizes for wing barricades shall be 1" x 8" except posts which shall be 4" x 4" (nominal sizes).
2. Wing barricades will not be required unless specifically called for in the special provisions.
3. Location of signs and barricades will be determined by the Engineer.

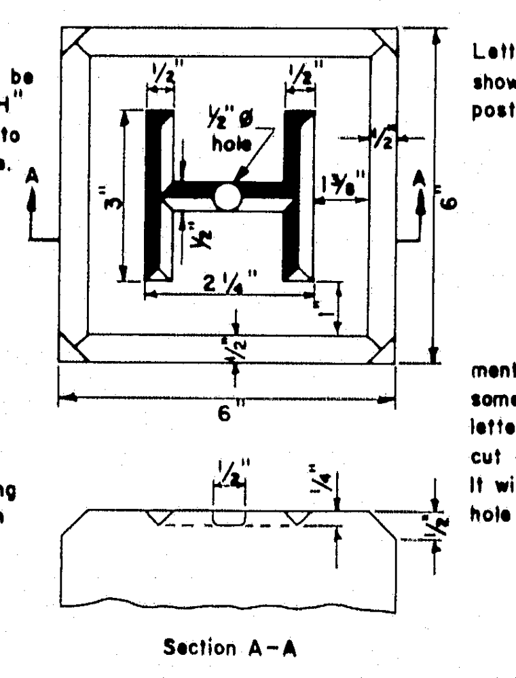
RIGHT OF WAY & SURVEY MONUMENTS



1/2" Chamfer

Right of Way Monuments will be set with the "H" perpendicular to the Center Line.

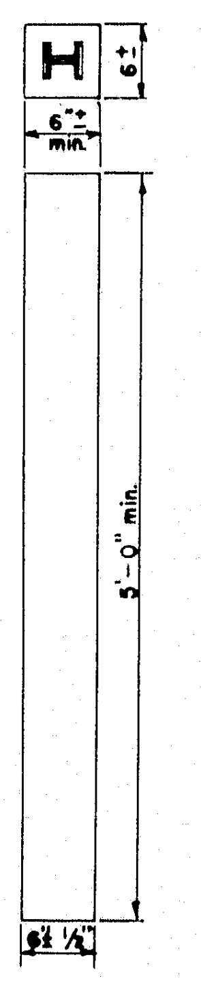
4, No. 2 rods 4'-10" long wired top and bottom and at 12" intervals with 14 gauge wire

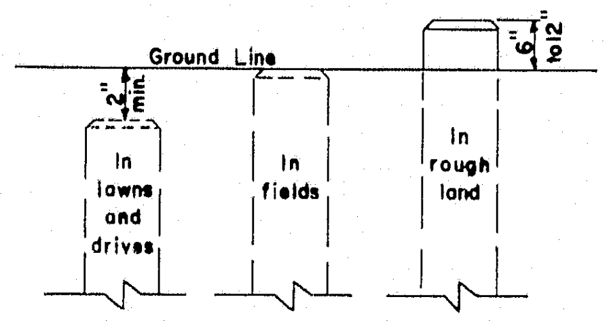


Section A-A

Letter will be as shown for concrete post.

Survey Monuments will be the same except that the letter "H" will not be cut or cast in the top. It will have a center hole only.

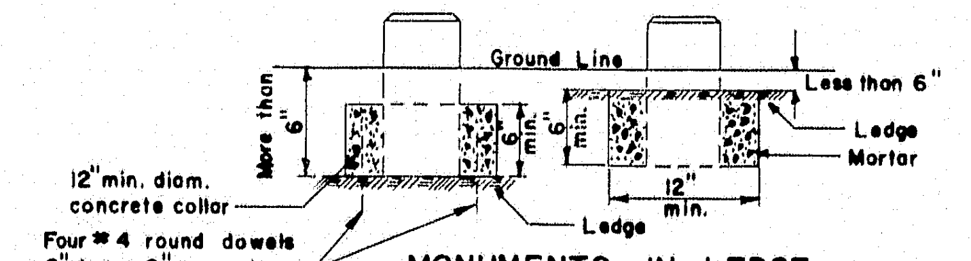




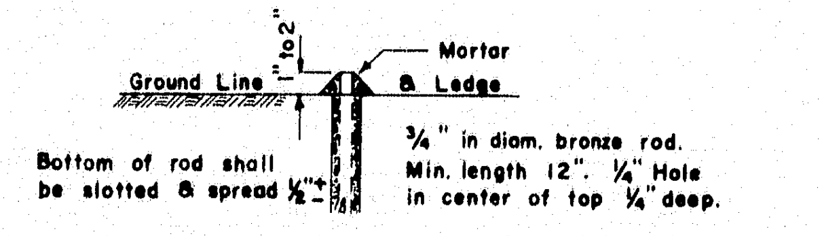
CONCRETE MONUMENT

MONUMENTS IN EARTH

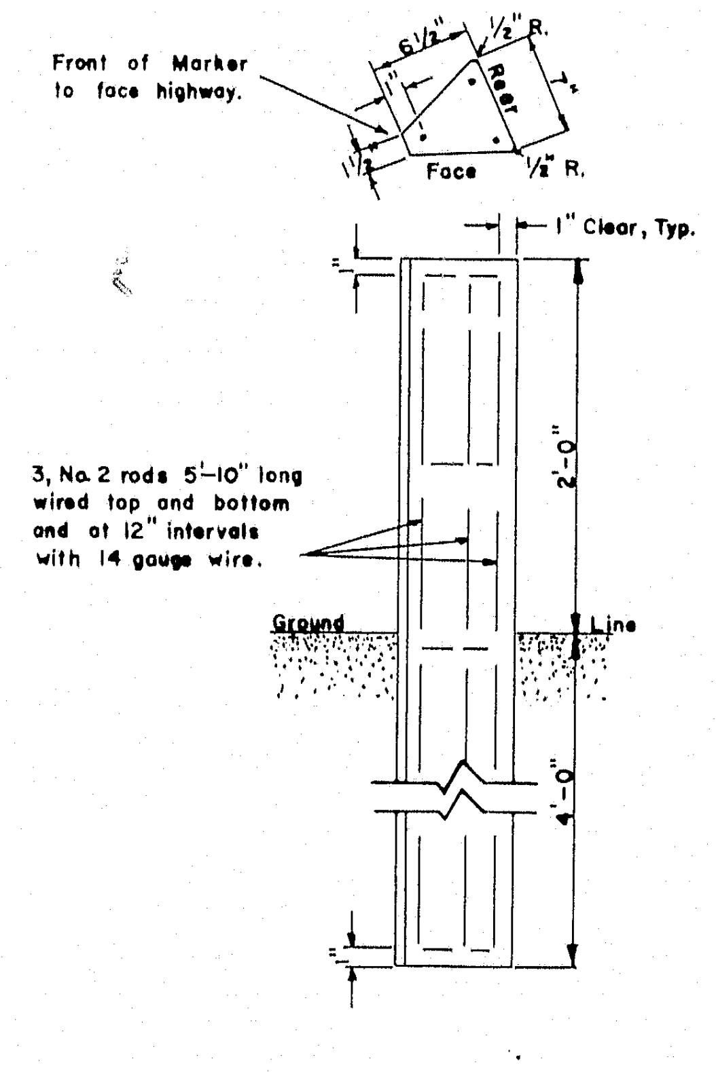
GRANITE MONUMENT


Ground Line
More than 6"
6" min.
6" min.
Less than 6"
Ledge
Mortar
12" min.
Ledge
12" min. diam. concrete collar
Four #4 round dowels 6" long, 9" on center extending 3" into ledge.

MONUMENTS IN LEDGE

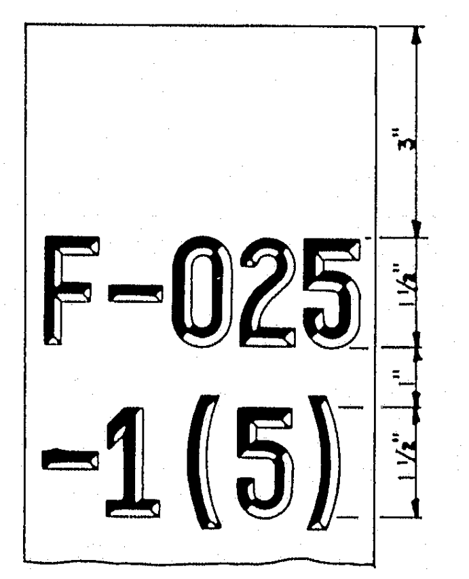

1" to 2"
Ground Line
Mortar & Ledge
Bottom of rod shall be slotted & spread 1/2"±
3/4" in diam. bronze rod. Min. length 12". 1/4" Hole in center of top 1/4" deep.

BRONZE PIN MARKERS

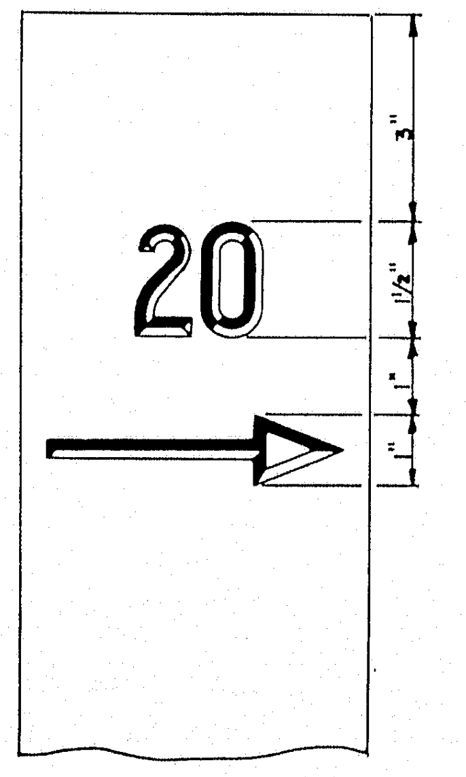

Front of Marker to face highway.
6 1/2"
1/2" R.
1"
Rear
7"
1 1/2"
Face
1/2" R.
1" Clear, Typ.
1"
2'-0"
3, No. 2 rods 5'-10" long wired top and bottom and at 12" intervals with 14 gauge wire.
Ground
Line
4'-0"
1"

NOTES

1. Distance from roadway depends on local conditions.
2. When posts cannot be set on the exact station, the front of the post shall be painted black from the top to 3" down, and the offset distance marked on rear with an arrow pointing in direction of beginning or end of project.
3. All markings to be 1/4" deep and 3/16" wide.



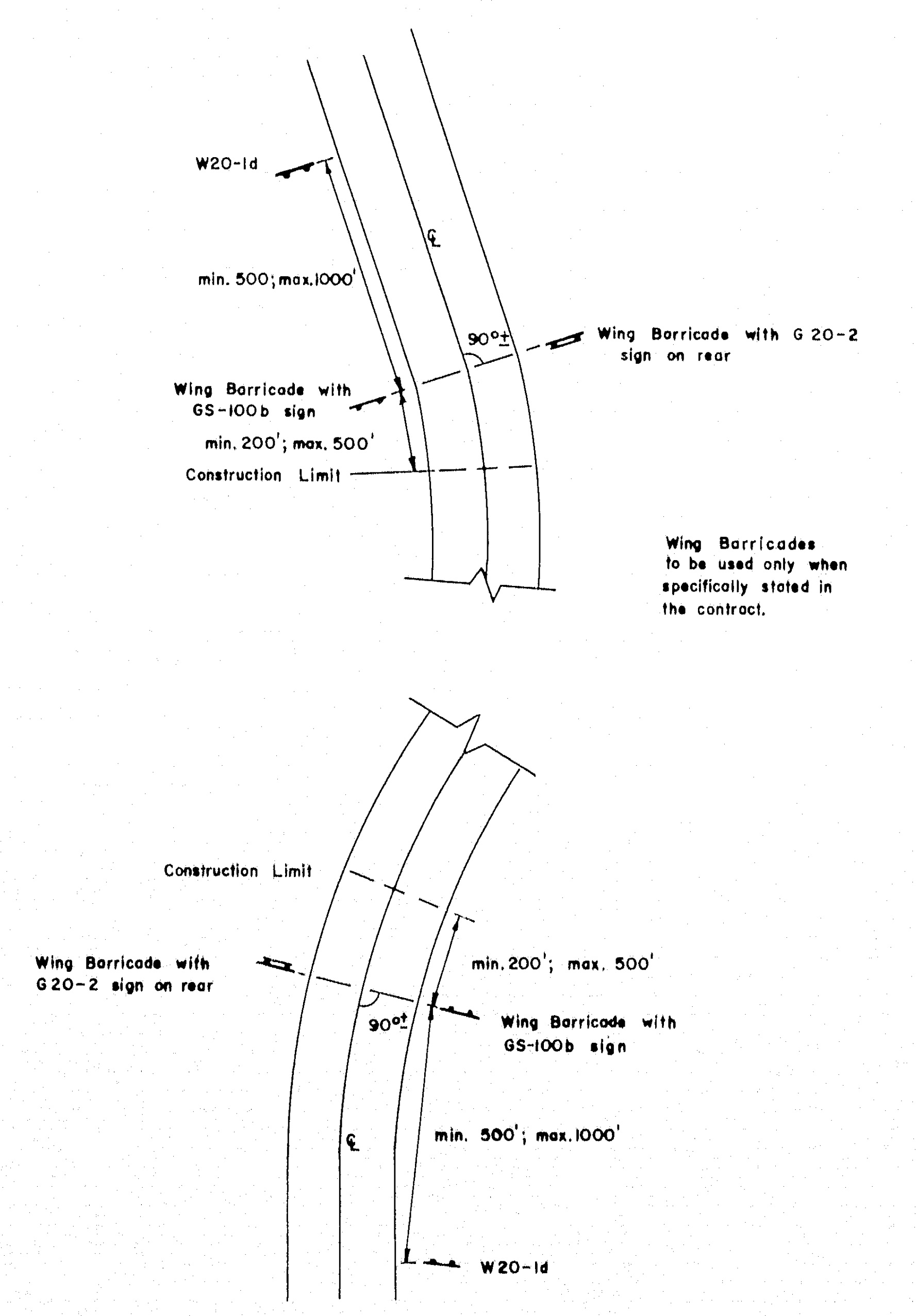
FACE VIEW



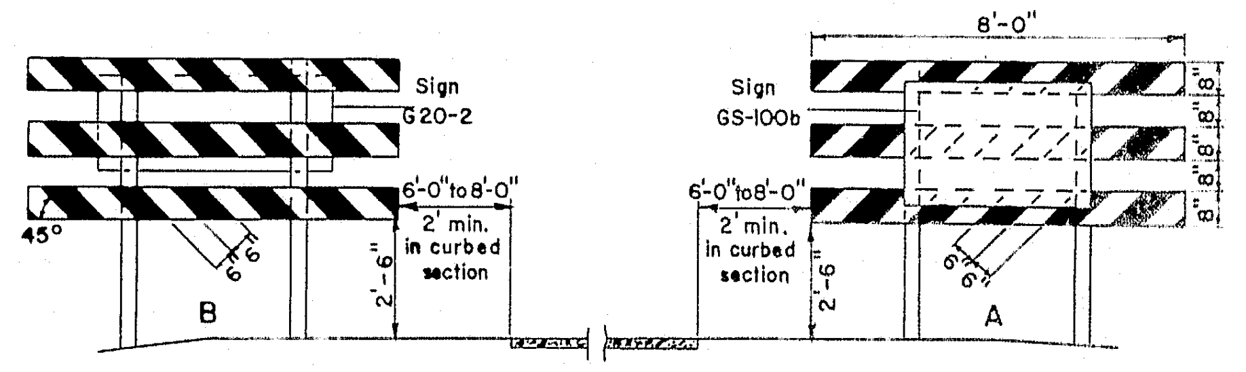
REAR VIEW

PROJECT MARKERS

STANDARD SIGN LOCATIONS


W20-1d
℄
min. 500; max. 1000'
90°±
Wing Barricade with G 20-2 sign on rear
Wing Barricade with GS-100b sign
min. 200'; max. 500'
Construction Limit
Construction Limit
Wing Barricade with G20-2 sign on rear
min. 200'; max. 500'
90°±
Wing Barricade with GS-100b sign
℄
min. 500'; max. 1000'
W20-1d

Wing Barricades to be used only when specifically stated in the contract.



WING BARRICADES

REVISION	

MAINE STATE HIGHWAY COMMISSION
AUGUSTA, MAINE

PISCATAQUA RIVER BRIDGE
BARRICADES
WARNING SIGNS
MONUMENTS
PROJECT MARKERS

SHEET 75 OF 75 DEC. 1966 ⑦

129-14