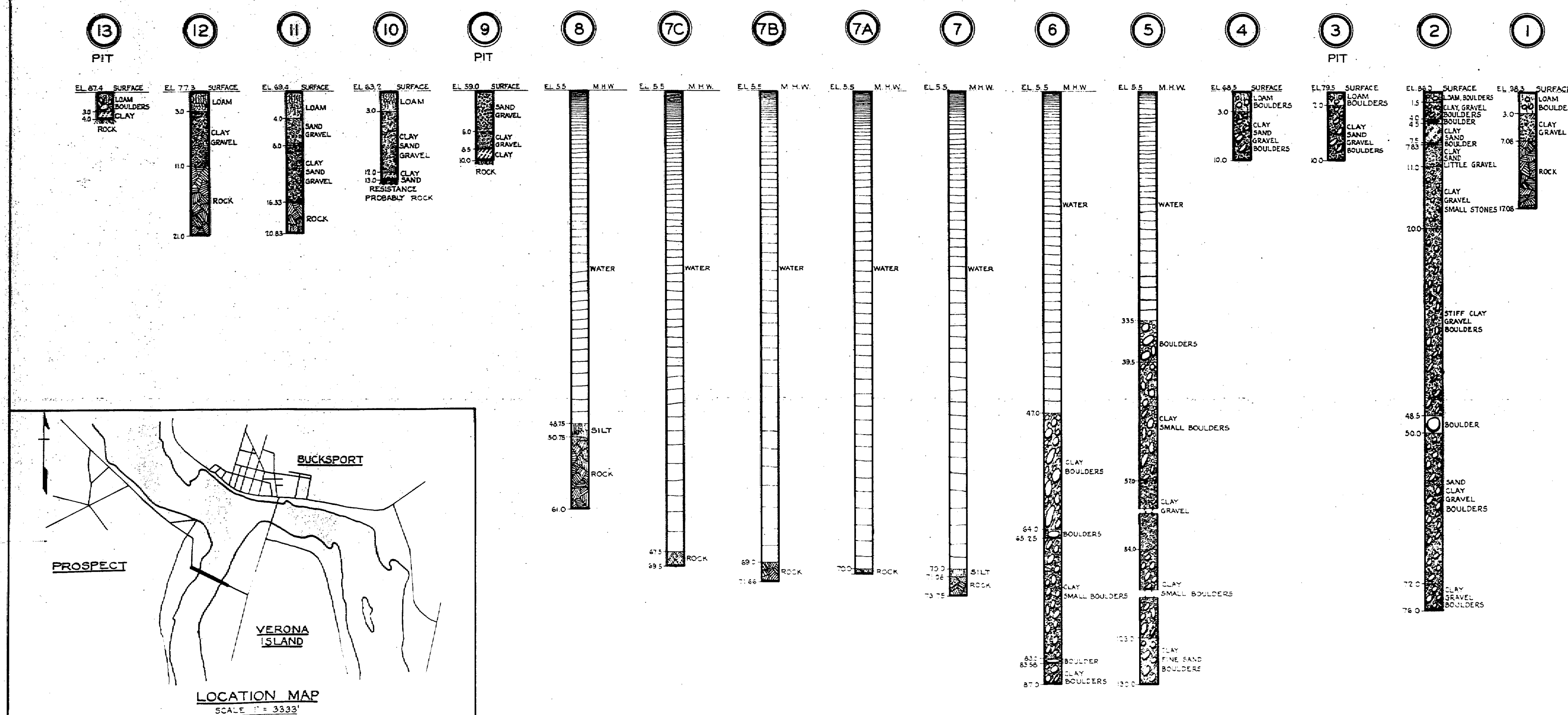
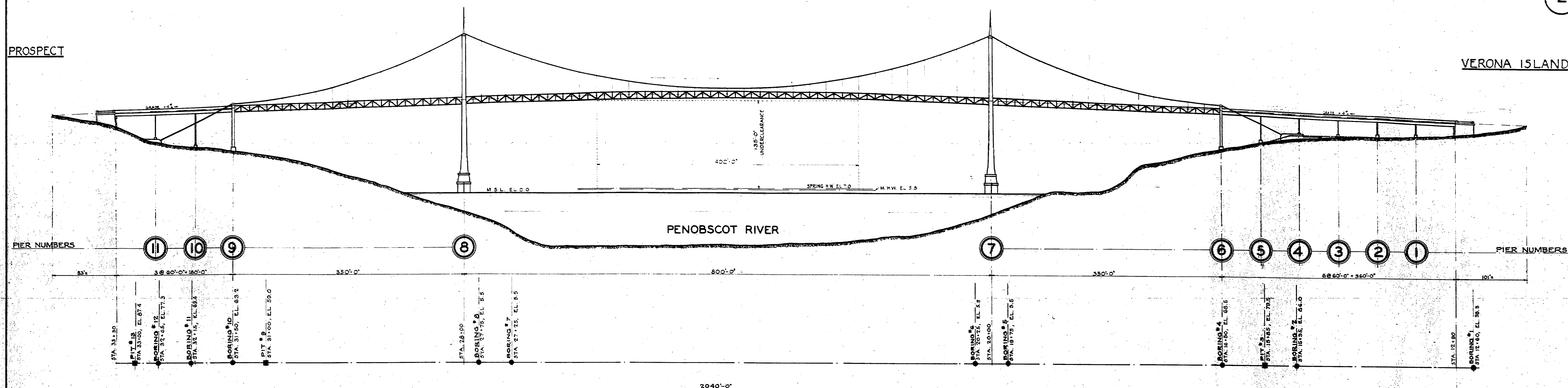


C75





NOTE- THE FORMATIONS ENCOUNTERED IN ALL BORINGS ON LAND AND WATER ARE SO CLOSE AND COMPACT AND CONTAIN SO MANY BOULDERS, THAT THE CASING COULD NOT BE ADVANCED. UNTIL CORE DRILLING WAS DONE BENEATH IT. IN MOST INSTANCES NO PROGRESS COULD BE MADE, EVEN AFTER CORE DRILL WAS EMPLOYED, UNTIL DYNAMITE WAS USED TO BLOW BOULDERS OUT OF THE WAY. THE BOULDERS RANGE FROM 3" TO 3' IN DIAMETER.

DEPTHS OF BORINGS ARE SHOWN IN FEET BELOW GROUND LINE FOR LAND BORINGS, AND BELOW M.W. (EL. +5.3) FOR BORINGS IN WATER.

BORINGS TA 7B AND TC WERE UNCOMPLETED ATTEMPTS TO OBTAIN BORINGS AT THE SITE OF BORING 7.

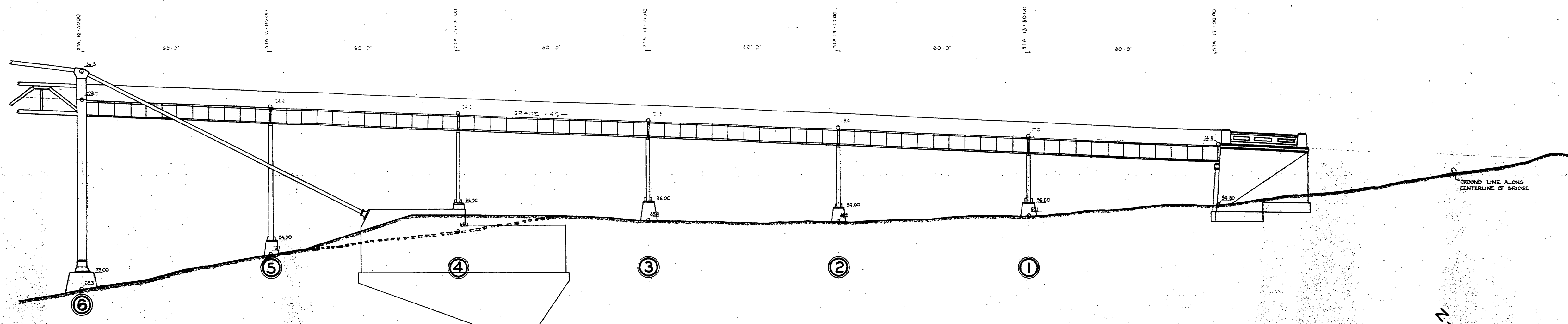
APPROVED Holten D. Robinson  
D. B. Steinhilber  
CONSULTING ENGINEERS

WALDO-HANCOCK BRIDGE  
OVER  
PENOBSCOT RIVER NEAR BUCKSPORT, MAINE

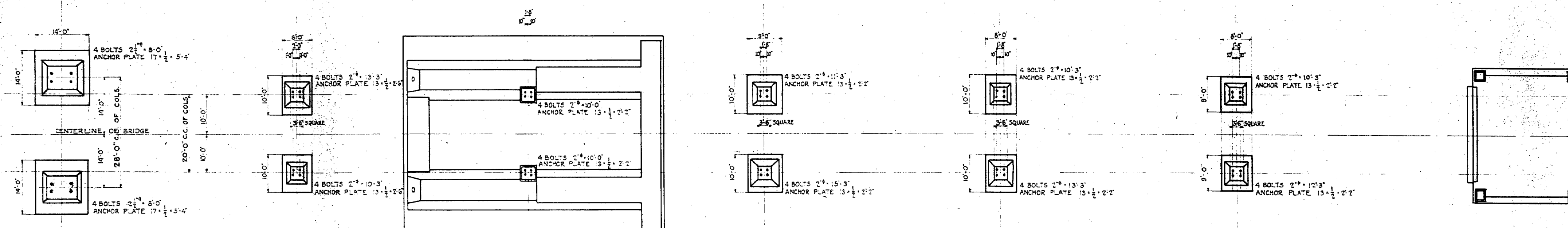
## GENERAL PROFILE AND BORINGS

SCALE 1"=70', 1"=10'

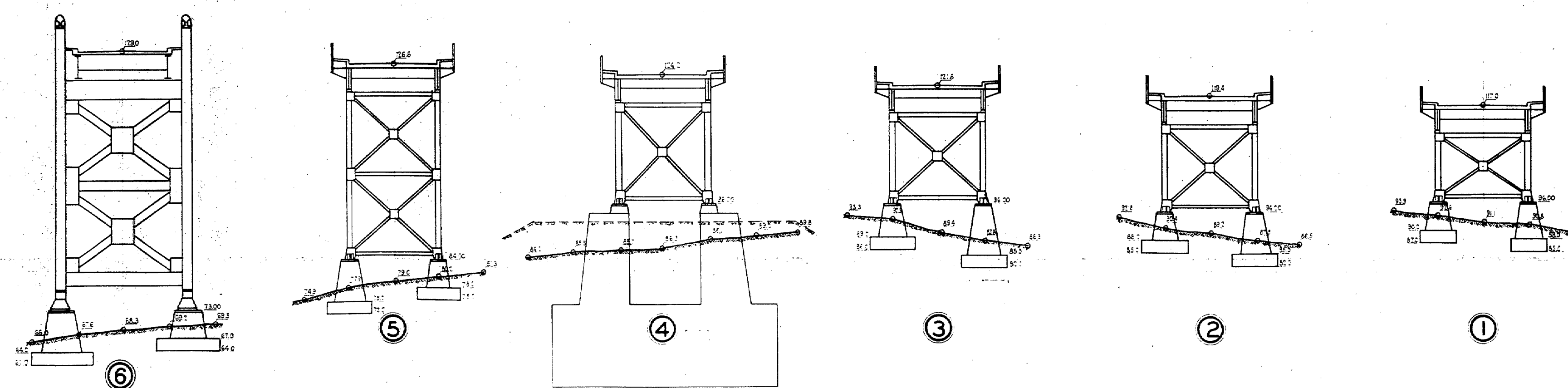
<u>ROBINSON AND STEINMAN</u> <u>CONSULTING ENGINEERS</u> NEW YORK — BUCKSPORT	<u>DRAWING NUMBER</u> <b>RS2922 — 2</b>
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ELEVATION



PLAN

SECTIONS AT BENTS  
LOOKING EAST

ESTIMATED QUANTITIES

CONCRETE	703 CUYDS
PIERS 1, 2, 3, 5 & 6 REINFORCING STEEL	8300 POUNDS
EARTH EXCAVATION	210 CUYDS
APPROACH FILL, EARTH	1000 CUYDS

APPROVED *Walter D. Robinson*  
*D. B. Steinman*  
CONSULTING ENGINEERS

GENERAL NOTES  
FOR TYPICAL SECTIONS OF APPROACH FILL AND PIERS 1, 2, 3, 5 AND 6 SEE SHEET NO. 4  
FOR DETAIL OF ANCHORAGE SEE SHEET NO. 7  
FOR DETAIL OF ABUTMENT SEE SHEET NO. 5  
CONCRETE FOR PIERS 1, 2, 3, 5 AND 6 SHALL BE GRADE B  
FOR BILL OF REINFORCING FOR PIERS 1, 2, 3, 5 AND 6 SEE SHEET 4

**WALDO-HANCOCK BRIDGE**  
OVER  
PENOBSCOT RIVER NEAR BUCKSPORT, MAINE

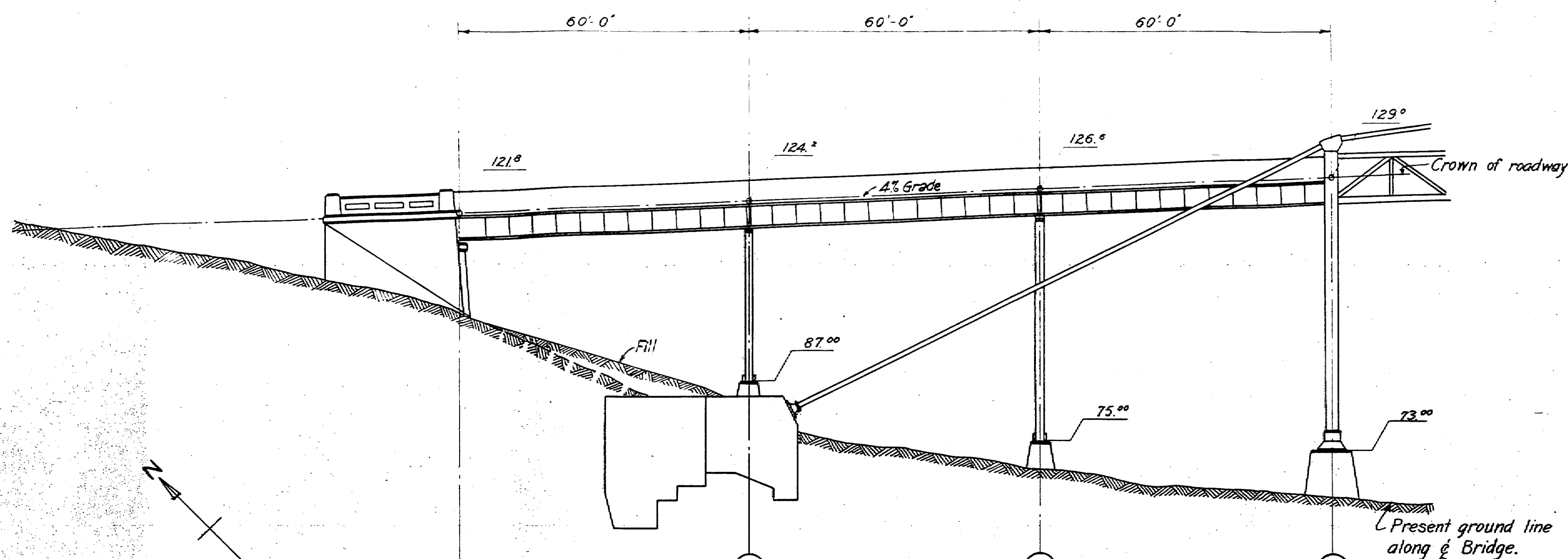
**EAST VIADUCT**  
**PIERS 1, 2, 3, 5 AND 6**

SCALE 1" = 10'

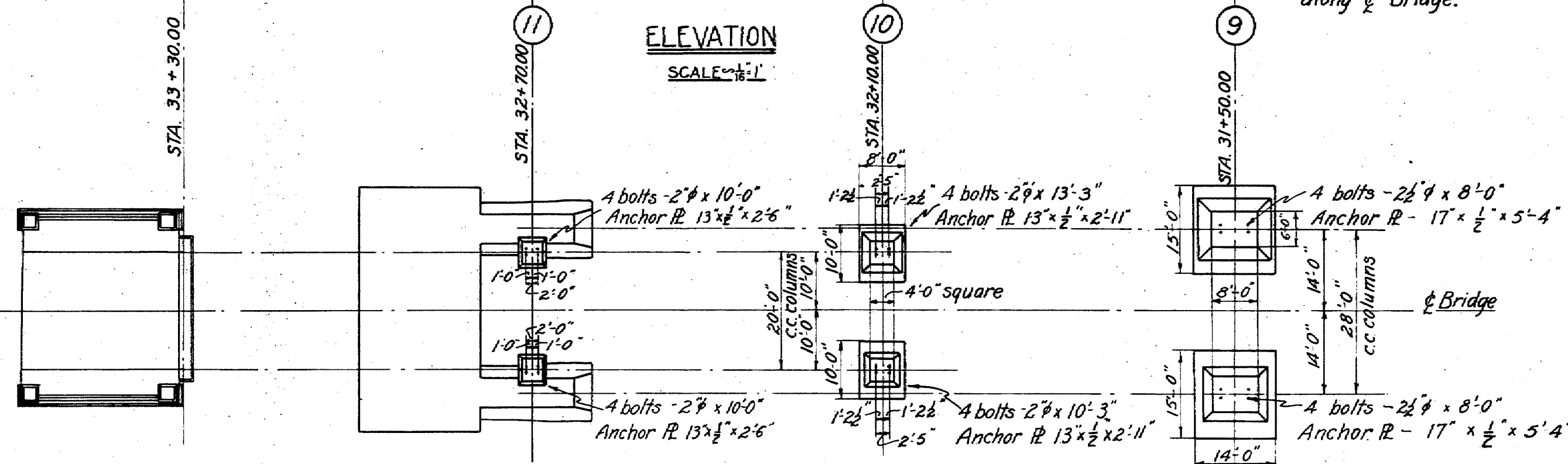
ROBINSON AND STEINMAN  
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NEW YORK — BUCKSPORT

DRAWING NUMBER  
RS 2922 — 3

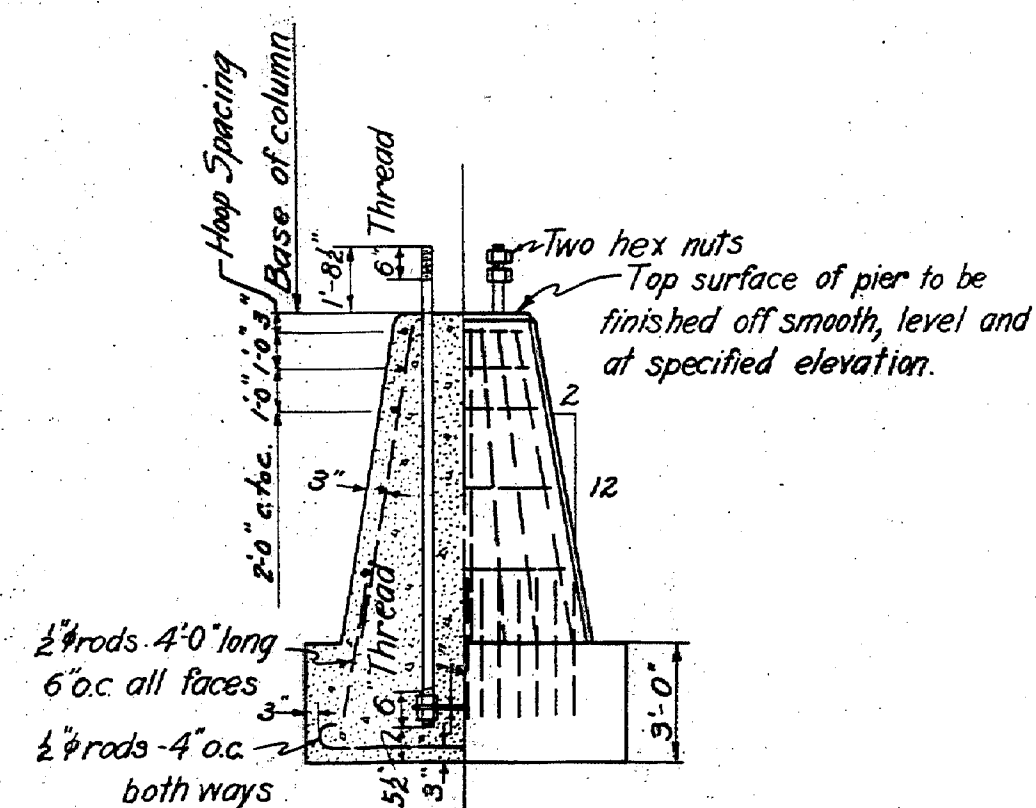




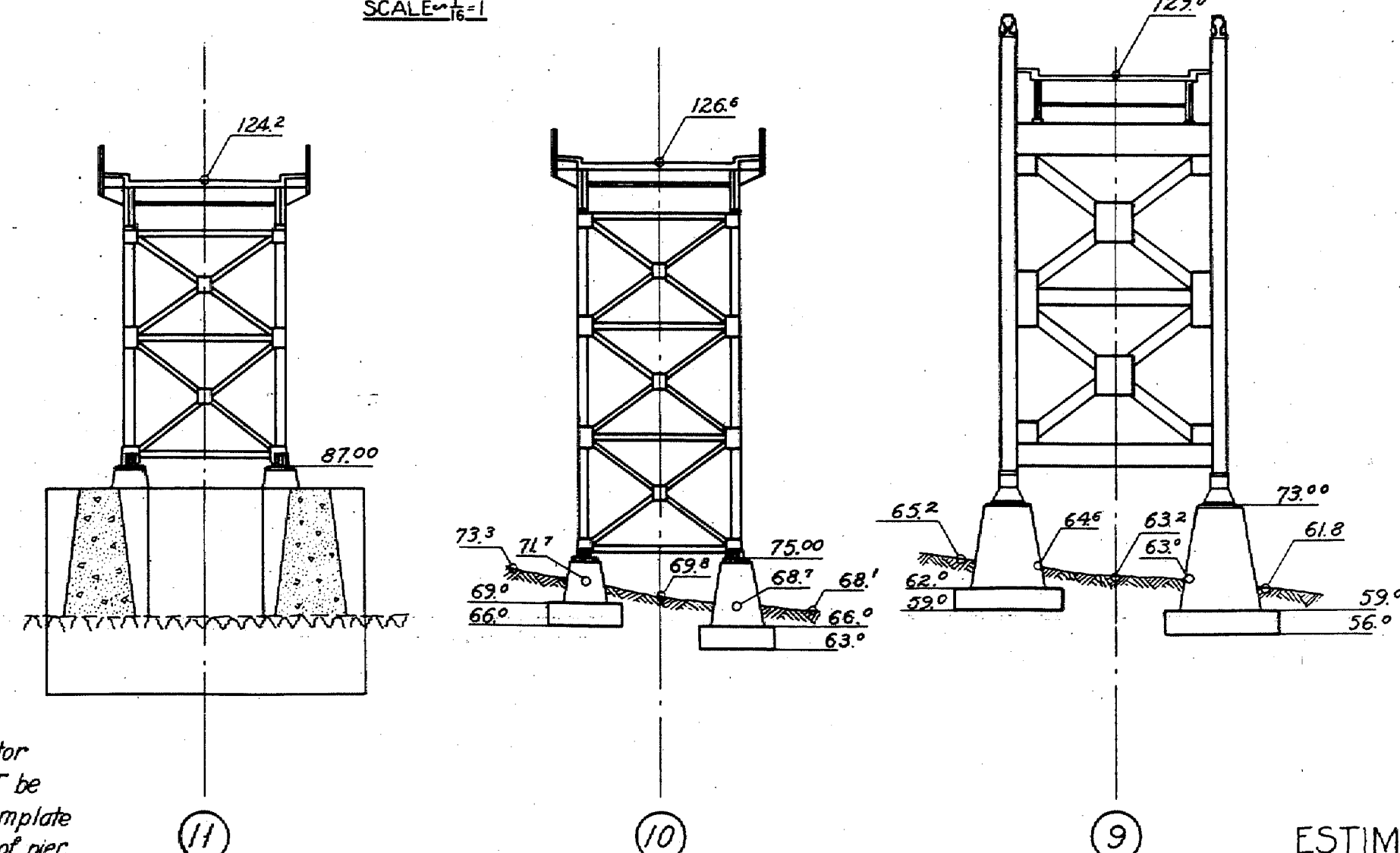
ELEVATION  
SCALE 1/4" = 1'



PLAN  
SCALE 1/8" = 1'

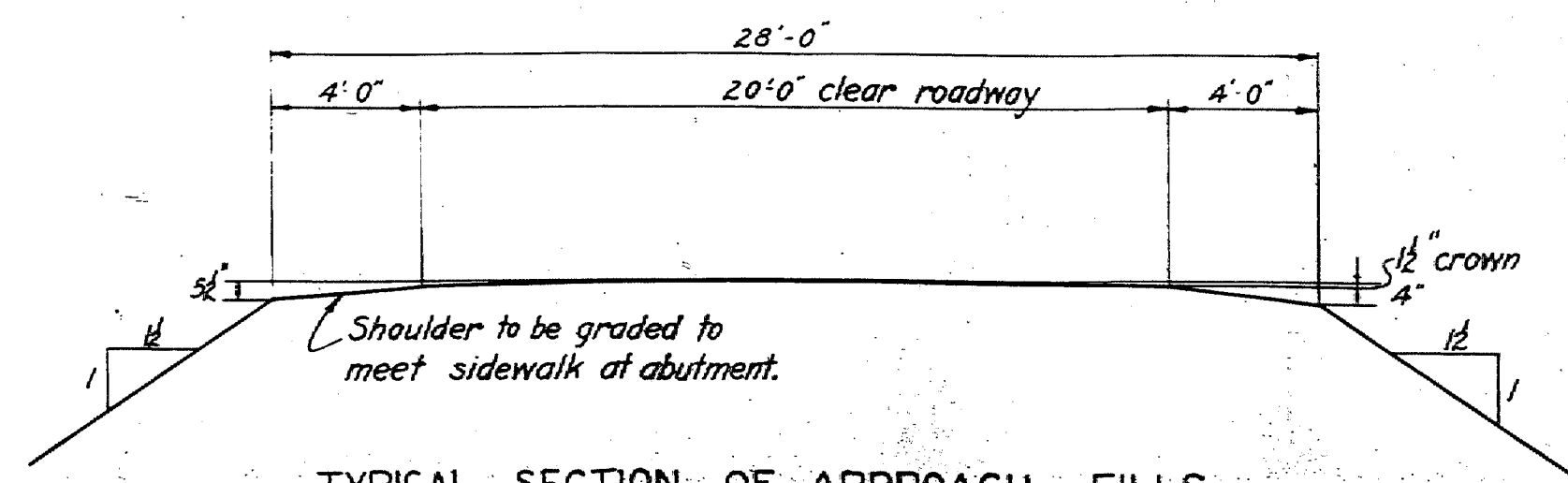


TYPICAL PIER FOR BENTS 1, 2, 3, 5 & 10  
NOT TO SCALE



SECTIONS AT BENTS  
LOOKING WEST  
SCALE 1/8" = 1'

ESTIMATED QUANTITIES  
Concrete - 172 cu yd  
Reinforcing Steel - 5500 lb.  
Earth Excavation - 130 cu yd  
APPROACH FILL - Earth - 650 cu yd

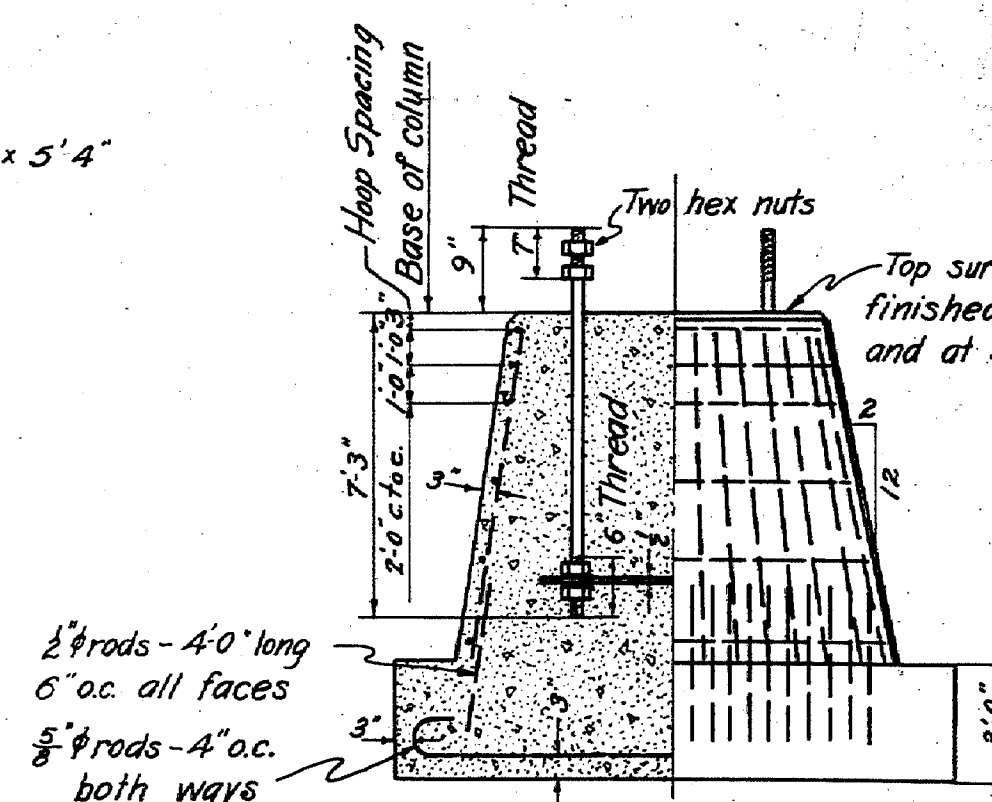


TYPICAL SECTION OF APPROACH FILLS  
SCALE 1/4" = 1'

BENT NO.		BASE				BASE				SHAFT			DOWELS			HOOPS	
		NO.	SIZE	Q	LENGTH	NO.	SIZE	Q	LENGTH	NO.	SIZE	LENGTH	NO.	SIZE	LENGTH	NO.	SIZE
1	NORTH	23	1/2"	8'-6"	9'-6"	25	1/2"	7'-6"	8'-6"	24	1/2"	5'-9"	36	1/2"	4'-0"	4	1/2"
	SOUTH	23	1/2"	8'-6"	9'-6"	26	1/2"	7'-6"	8'-6"	24	1/2"	7'-9"	40	1/2"	11"	5	1/2"
2	NORTH	29	1/2"	7'-6"	8'-6"	23	1/2"	9'-6"	10'-6"	24	1/2"	5'-9"	36	1/2"	11"	4	1/2"
	SOUTH	29	1/2"	7'-6"	8'-6"	23	1/2"	9'-6"	10'-6"	24	1/2"	8'-9"	44	1/2"	11"	6	1/2"
3	NORTH	29	1/2"	8'-6"	9'-6"	26	1/2"	9'-6"	10'-6"	24	1/2"	6'-9"	40	1/2"	11"	5	1/2"
	SOUTH	29	1/2"	8'-6"	9'-6"	26	1/2"	9'-6"	10'-6"	24	1/2"	10'-9"	52	1/2"	11"	7	1/2"
5	NORTH	29	1/2"	7'-6"	8'-6"	23	1/2"	9'-6"	10'-6"	24	1/2"	8'-9"	44	1/2"	11"	6	1/2"
	SOUTH	29	1/2"	7'-6"	8'-6"	23	1/2"	9'-6"	10'-6"	24	1/2"	5'-9"	36	1/2"	11"	4	1/2"
6	NORTH	84	5/8"	13'-6"	14'-6"	—	—	—	—	52	1/2"	8'-9"	76	1/2"	11"	6	1/2"
	SOUTH	84	5/8"	13'-6"	14'-6"	—	—	—	—	52	1/2"	5'-9"	68	1/2"	11"	4	1/2"
9	NORTH	45	1/2"	13'-6"	14'-6"	42	3/4"	14'-6"	15'-6"	52	1/2"	13'-9"	88	1/2"	11"	8	1/2"
	SOUTH	42	1/2"	14'-6"	15'-6"	45	1/2"	13'-6"	14'-6"	52	1/2"	10'-9"	80	1/2"	11"	7	1/2"
10	NORTH	23	1/2"	9'-6"	10'-6"	29	1/2"	7'-6"	8'-6"	28	1/2"	8'-9"	52	1/2"	11"	6	1/2"
	SOUTH	23	1/2"	9'-6"	10'-6"	29	1/2"	7'-6"	8'-6"	28	1/2"	5'-9"	44	1/2"	11"	4	1/2"

GENERAL NOTES

For detail of Anchorage see Sheet 8.  
For detail of Abutment see Sheet 6.  
Concrete for Piers 9 & 10 shall be grade B.



TYPICAL PIER FOR BENTS 6 & 9  
NOT TO SCALE

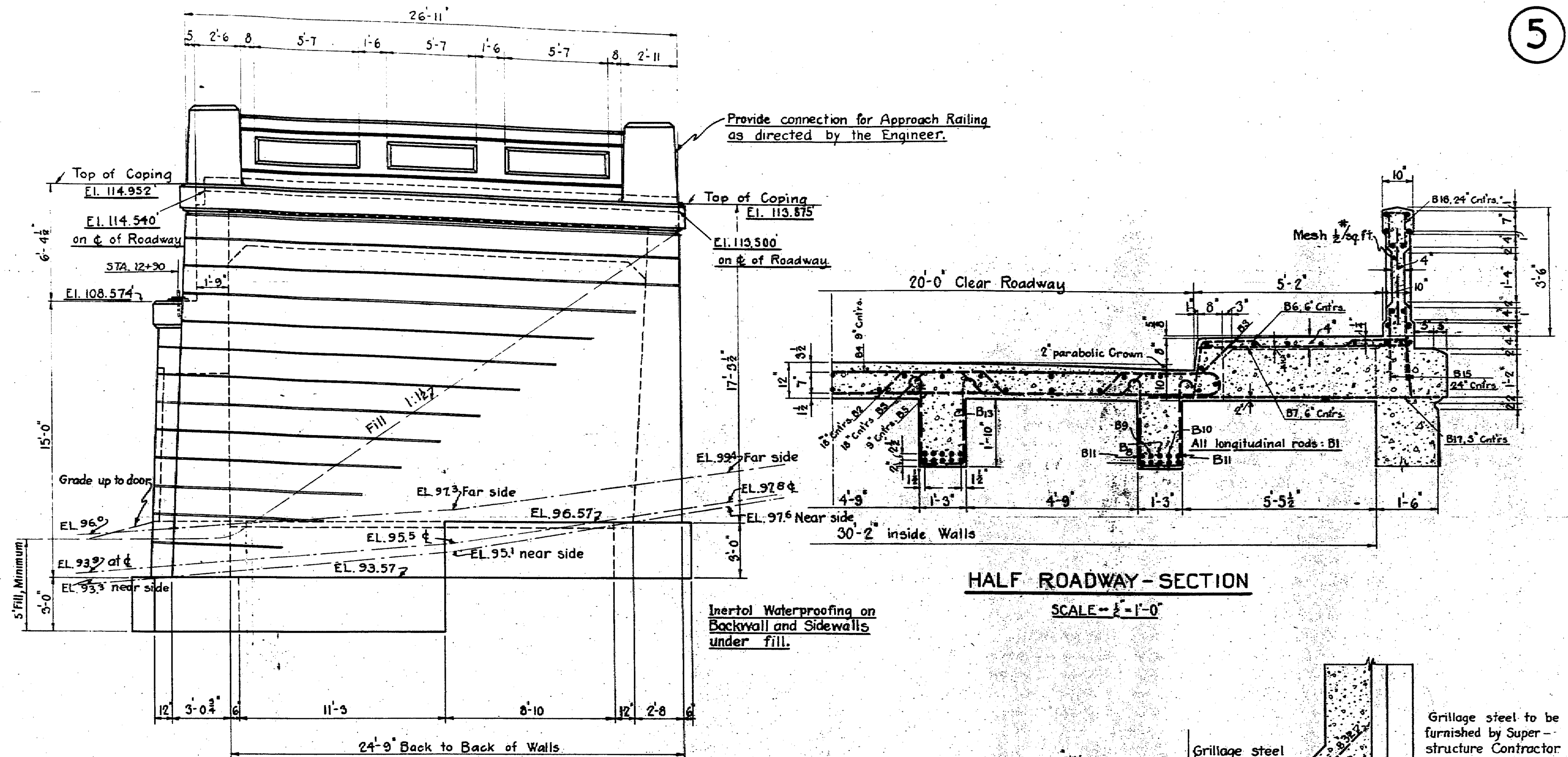
APPROVED  
Robinson & Steinman  
CONSULTING ENGINEERS

WALDO-HANCOCK BRIDGE  
OVER  
PENOBSCOT RIVER NEAR BUCKSPORT, MAINE

WEST VIADUCT - PIERS 9 & 10

SCALE: As Noted  
ROBINSON AND STEINMAN  
CONSULTING ENGINEERS  
NEW YORK - BUCKSPORT  
DRAWING NUMBER  
RS2922 - 4  
July 8, 1930

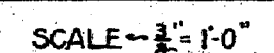




FOR BILL OF RODS SEE SHEET #6

### ESTIMATED QUANTITIES

Foundation Concrete	57	cu. yd.
Other Concrete	2.22	cu. yd. exclusive of Hand Rail.
Reinforcing Steel	21,500	lb.
Earth Excavation	80	cu. yd.
Waterproofing	1,200	sq. ft.
Hand Rail	54	lin. ft.
1-Kalamein Steel Door		



SECTION B-B

WALDO-HANCOCK BRIDGE  
OVER

PENOBSCOT RIVER NEAR BUCKSPORT, MAINE

EAST ABUTMENT

SCALE  $\frac{1}{4}$ ,  $\frac{3}{8}$ ,  $\frac{1}{2}$  = 1'-0"

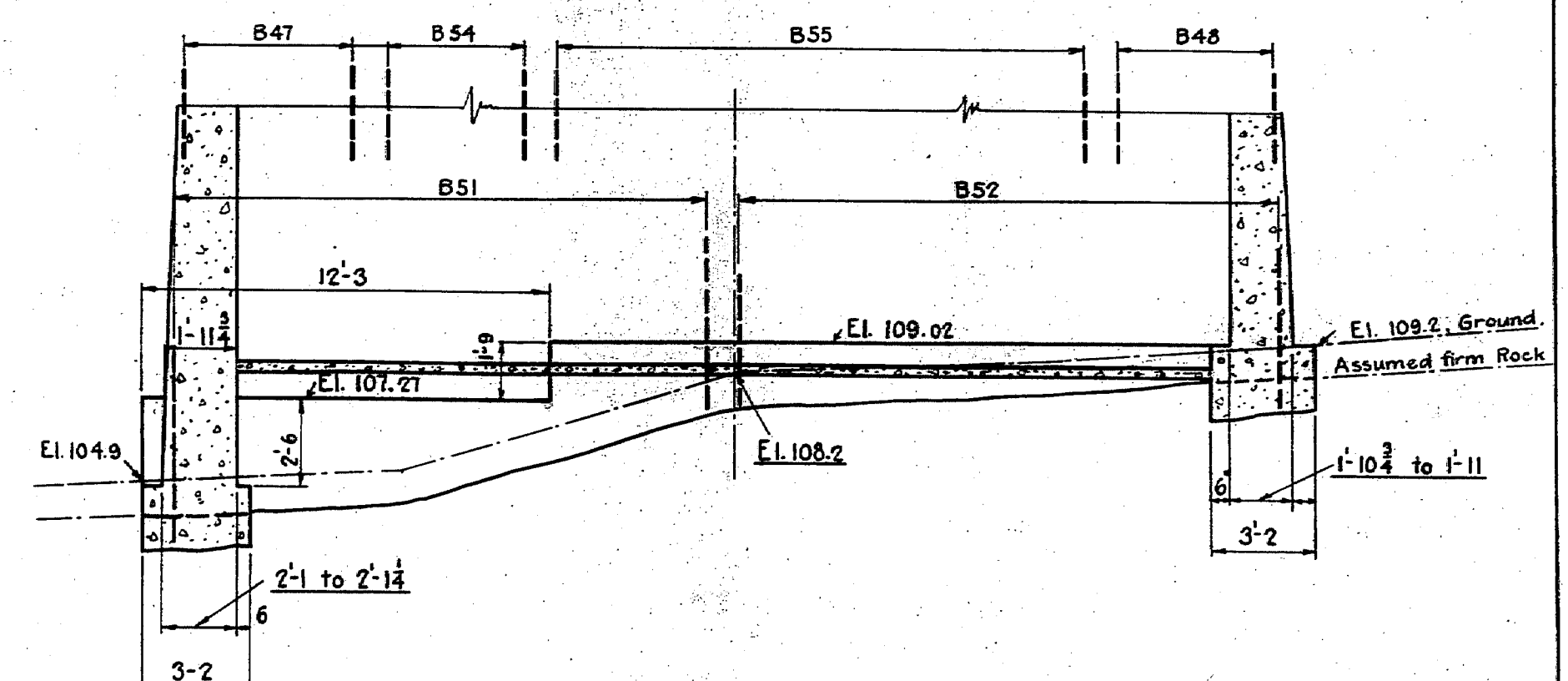
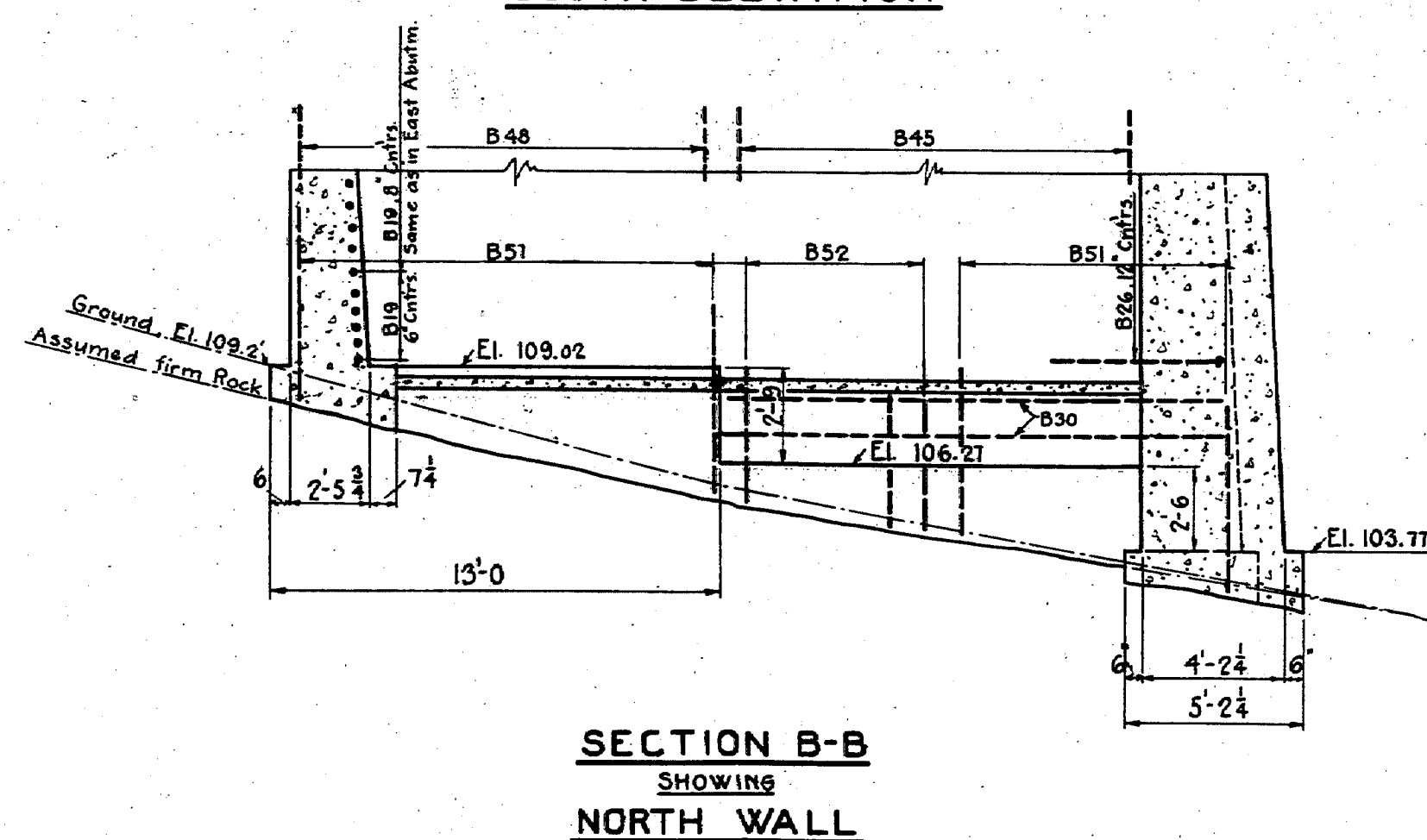
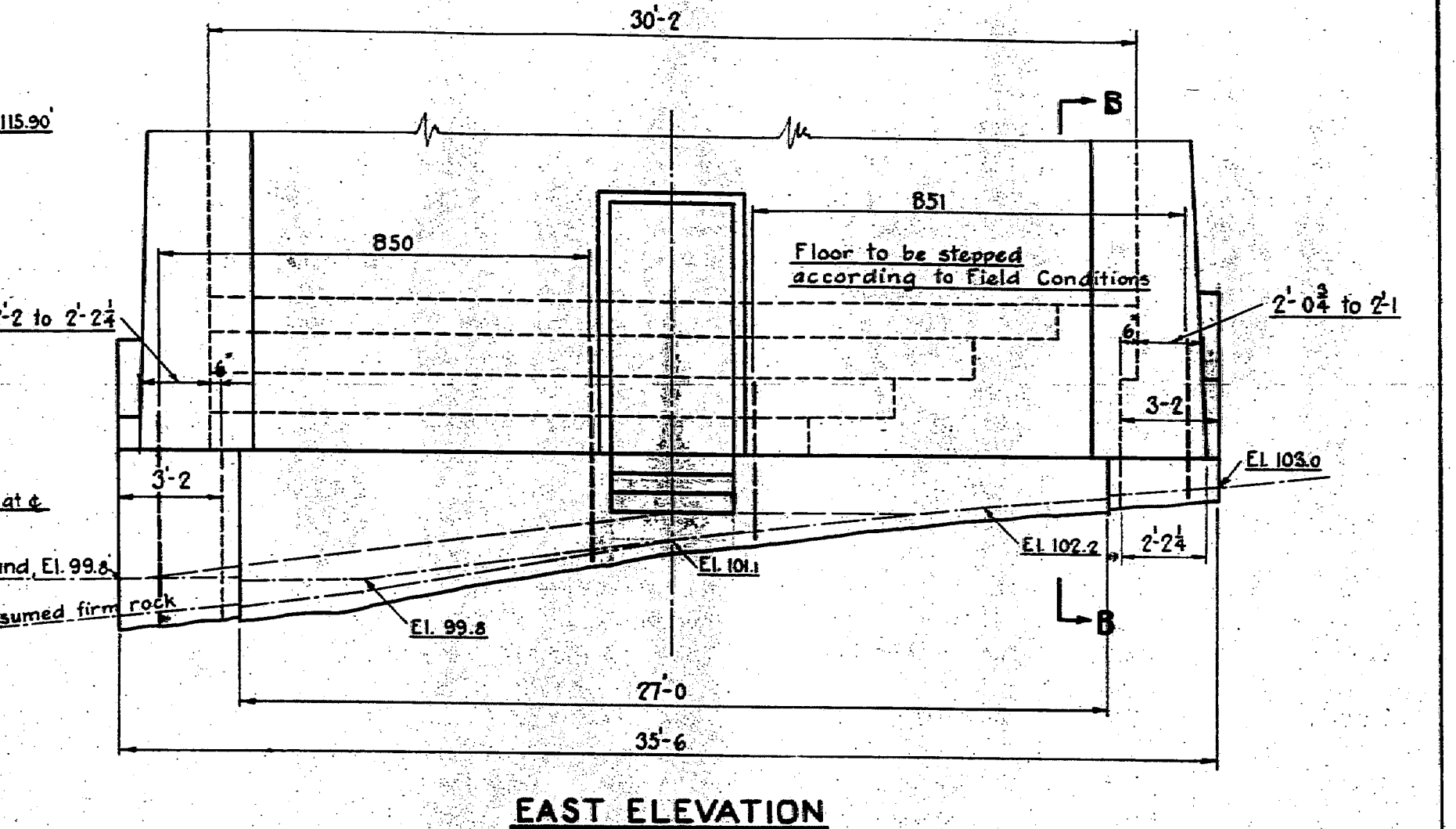
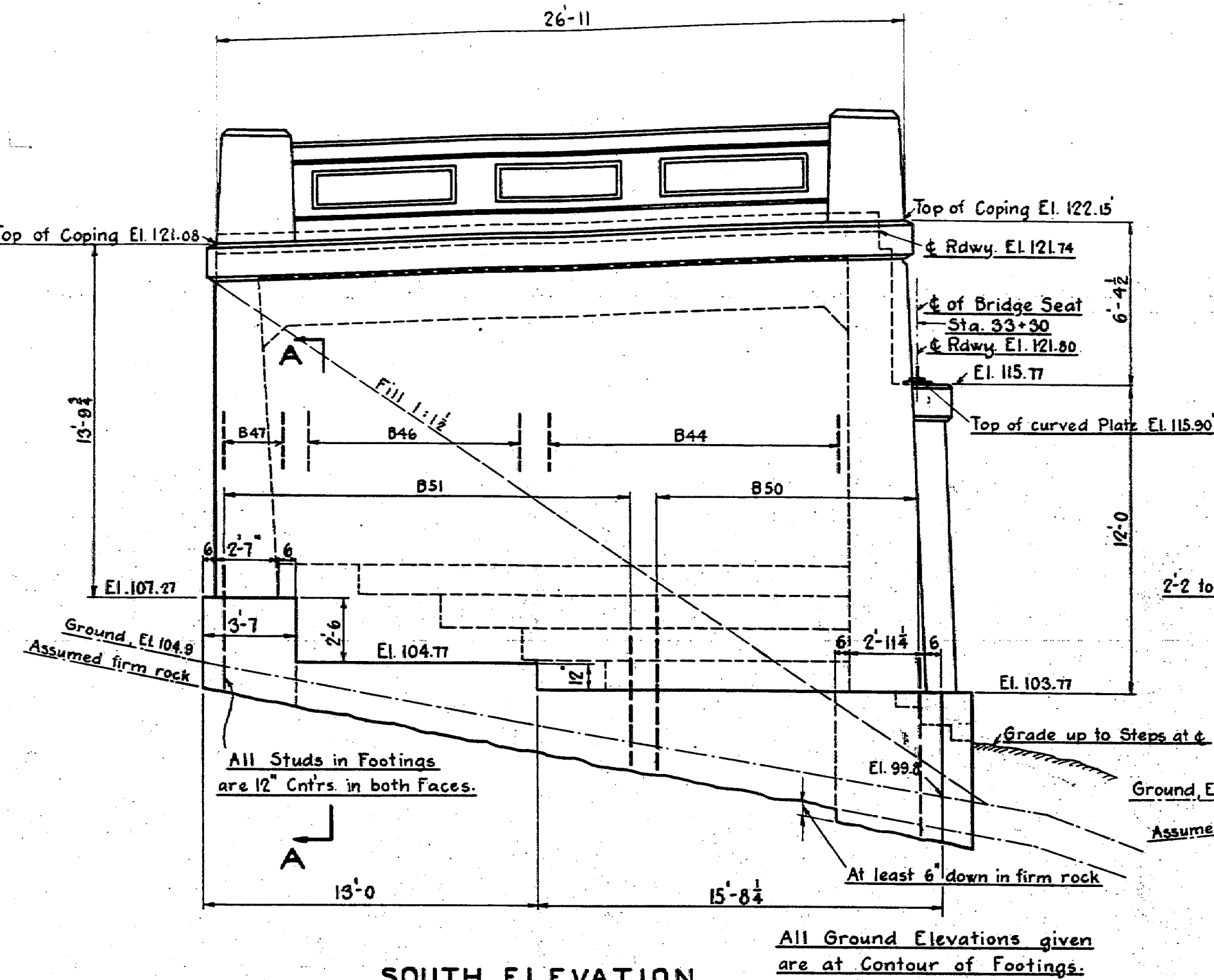
**ROBINSON AND STEINMAN  
CONSULTING ENGINEERS  
NEW YORK — BUCKSPORT**

DRAWING NUMBER  
**RS2922 - 5**  
July 8 - 1930

Note : All exposed Corners  
chamfered  $1\frac{1}{2}$ " except otherwise shown.



REINFORCING SCHEDULE FOR EAST- AND WEST ABUTMENTS									
NUMBER			MARK	SIZE	SHAPE	LENGTH	LOCATION		
EAST	WEST	BOTH							
62	62	124	B 1	3/8"	Straight	25'-6"	Floor Rail.	Horz.	
16	16	32	B 2	1/2"		24'-6"	Roadway	"	
15	15	30	B 3	"		24'-2"	"	"	
35	35	70	B 4	"		23'-0"	"	"	
35	35	70	B 5	"	Same as B 4	23'-0"	"	"	
104	104	208	B 6	3/8"		8'-8"	Sidewalk	"	
102	102	204	B 7	"	Straight	5'-8"	"	"	
4	4	8	B 8	1"		29'-7"	Stringers	"	
4	4	8	B 9	"		"	"	"	
4	4	8	B 10	"		"	"	"	
8	8	16	B 11	"		"	"	"	
20	20	40	B 12	"		28'-5"	"	"	
60	60	120	B 13	1/2"		7'-1"	"	Ver.	
242	242	B 14	"	"	Straight	4'-6"	Footing	"	
48	48	96	B 15	"	"	2'-0"	Hand Rail	"	
32	32	64	B 16	3/4"	"	6'-0"	Posts	"	
24	24	48	B 17	1/2"	"	8'-0"	Tie Beams	Horz.	
24	24	48	B 18	"		2'-5"	Hand Rail	Ver.	
34	20	54	B 19	1"	Straight	32'-2"	Front Wall	Horz.	
14	10	24	B 20	1/2"	"	32'-2"	Front Wall	"	
40		40	B 21	"	"	20'-6"	"	Ver.	
7	3	10	B 22	"		33'-4"	"	Horz.	
22	22	B 23	"	"	Straight	14'-10"	"	Ver.	
44	44	B 24	"	"	"	20'-6"	Side Walls	"	
64	64	B 25	"	"	"	17'-1"	Rear Walls Side	"	
42	32	76	B 26	"		11'-0"	Front Wall	Horz.	
14	14	28	B 27	"	Straight	14'-0"	"	"	
14	14	28	B 28	"		14'-4"	"	"	
72	54	126	B 29	"	Straight	26'-7"	Side Walls	"	
12	6	18	B 30	"	"	14'-6"	"	"	
32	22	54	B 31	"		22'-6"	Rear Wall	"	
2	2	4	B 32	1"		37'-9"	Bridge Seat	Horz.	
2	2	4	B 33	"		37'-0"	"	"	
2	2	4	B 34	"		29'-9"	"	"	
2	2	4	B 35	"		35'-7"	"	"	
2	2	4	B 36	"		37'-2"	"	"	
2	2	4	B 37	"		37'-2"	"	"	
8	8	16	B 38	1/2"	<				



NOTE: THIS ABUTMENT SAME  
AS EAST ABUTMENT, EXCEPT  
AS SHOWN AND NOTED

### ESTIMATED QUANTITIES

Foundation Concrete	46 cu yd.
Other Concrete	190 cu yd. (excl. Hand Rail)
Reinforcing	19,600*
Earth Excavation	10 cu yd.
Rock " "	10 cu yd.
Waterproofing	800 sq. ft.
Hand Rail	54 lin. ft.
1-Kalamain Steel Door	

APPROVED Kotton D. Robinson  
D. B. Steensen  
CONSULTING ENGINEERS

WALDO-HANCOCK BRIDGE  
OVER  
PENOBSCOT RIVER NEAR BUCKSPORT, MAINE

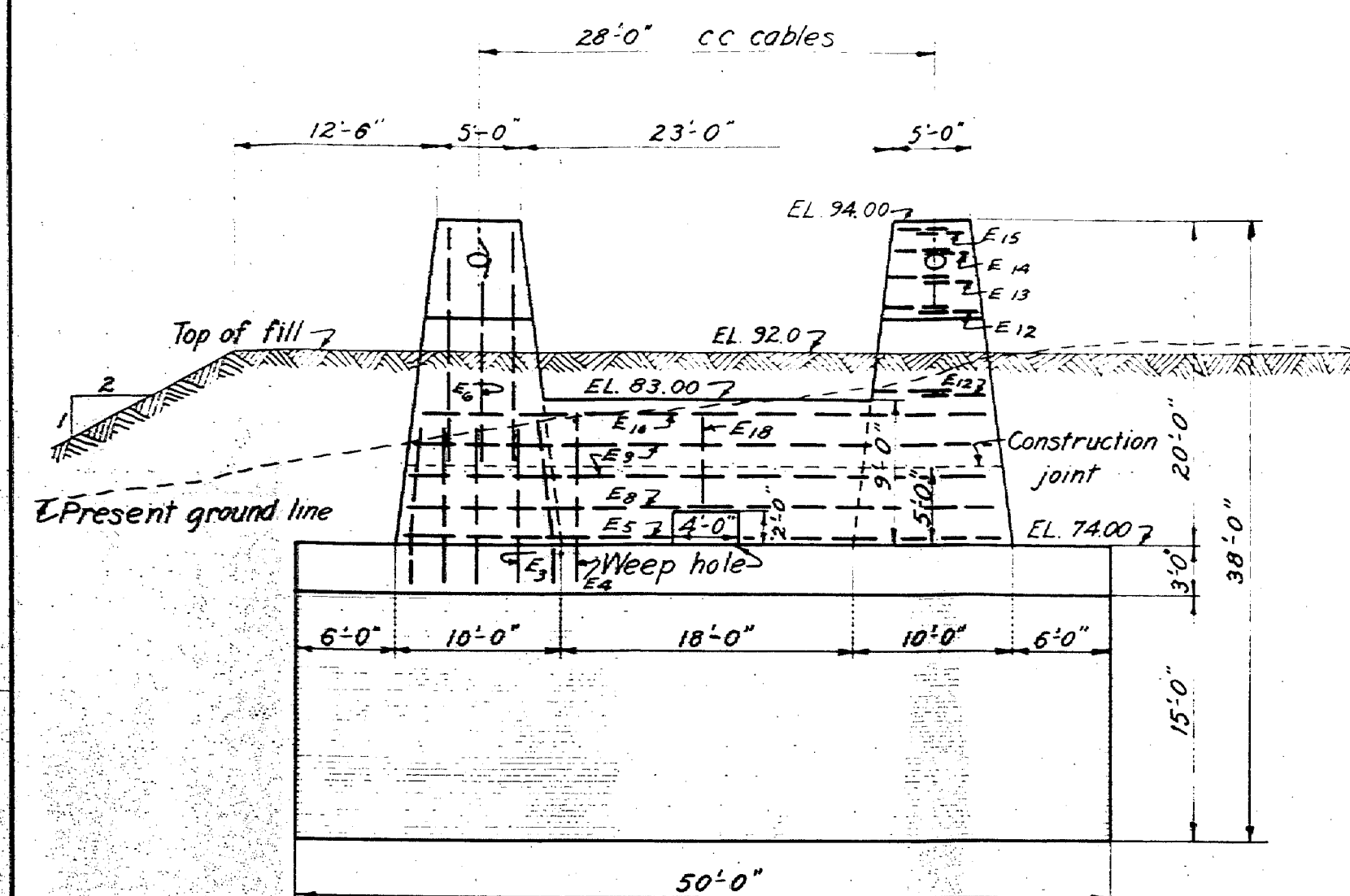
## WEST ABUTMENT

SCALE  $\frac{1}{4}'' = 1'-0''$

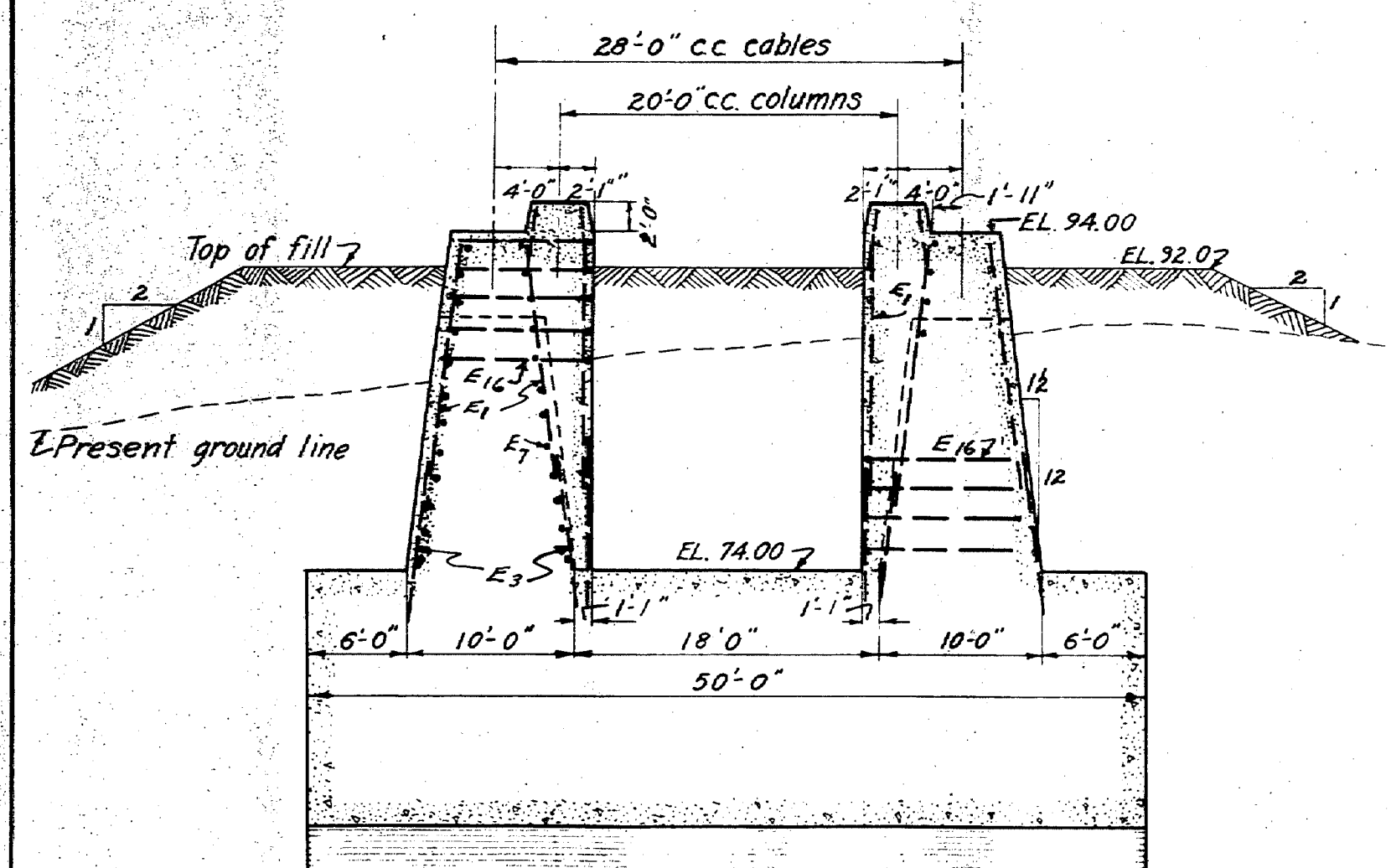
ROBINSON AND STEINMAN  
CONSULTING ENGINEERS  
NEW YORK — BUCKSPORT

DRAWING NUMBER  
RS2922 - 6  
July 8-1930

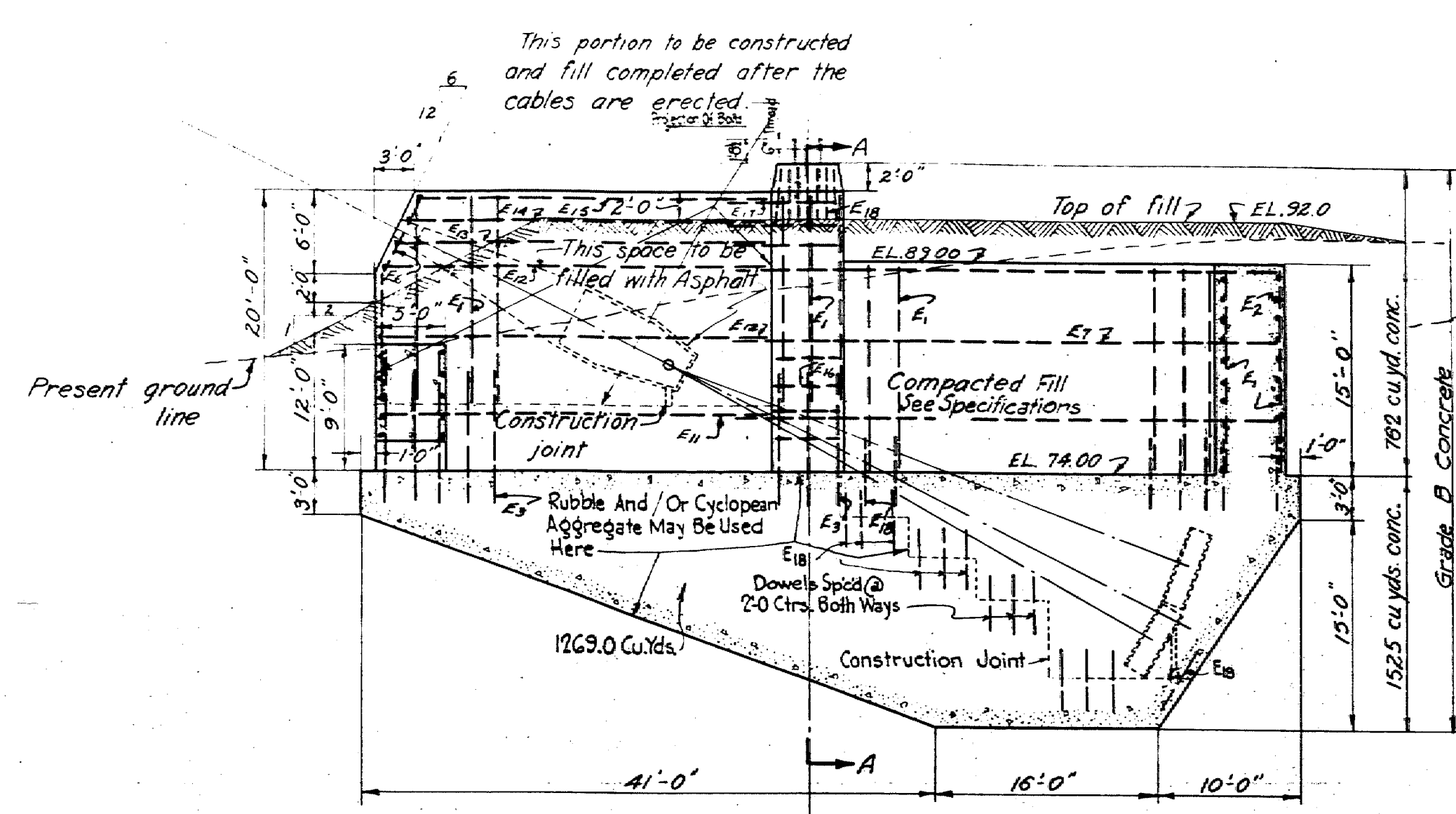




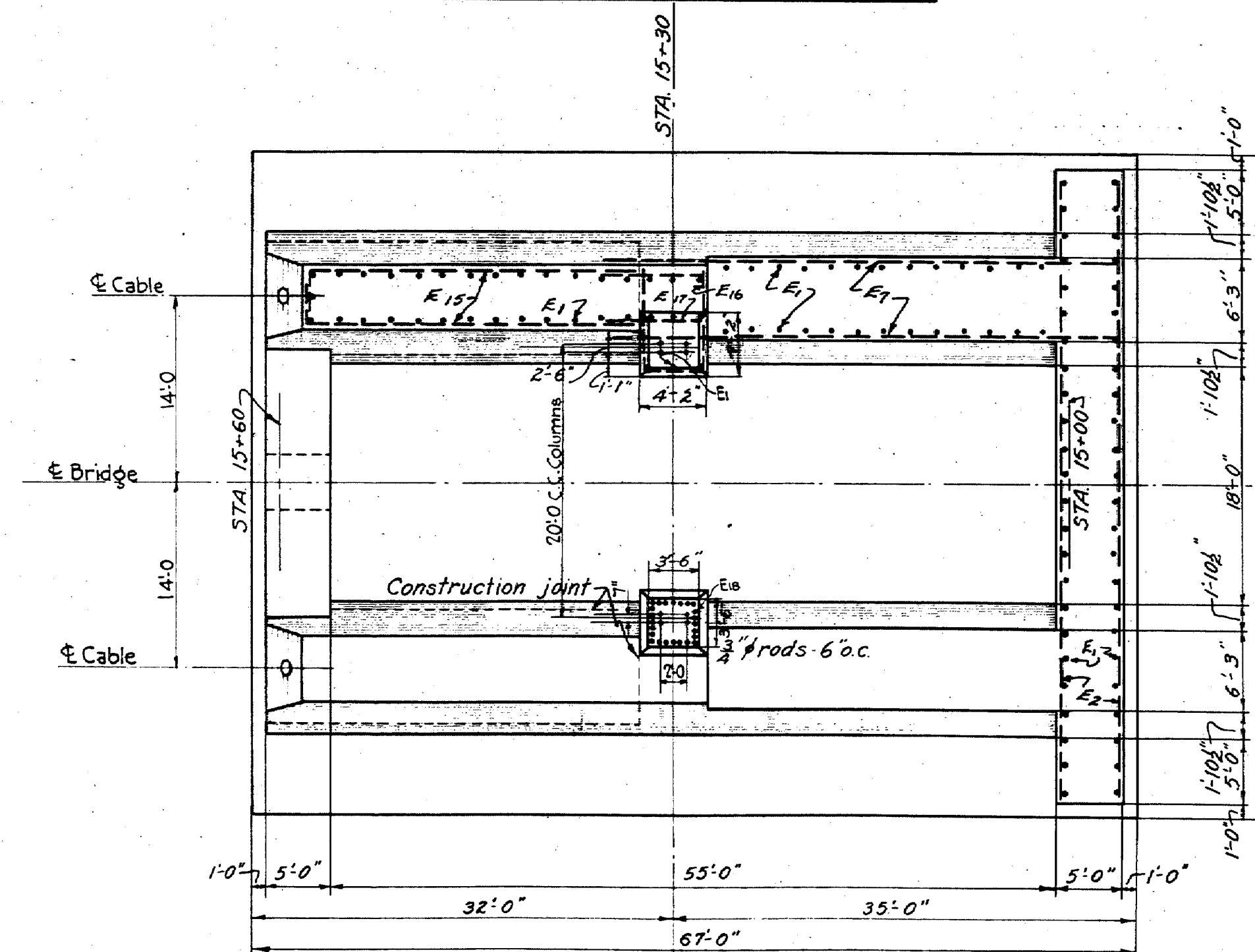
WEST ELEVATION



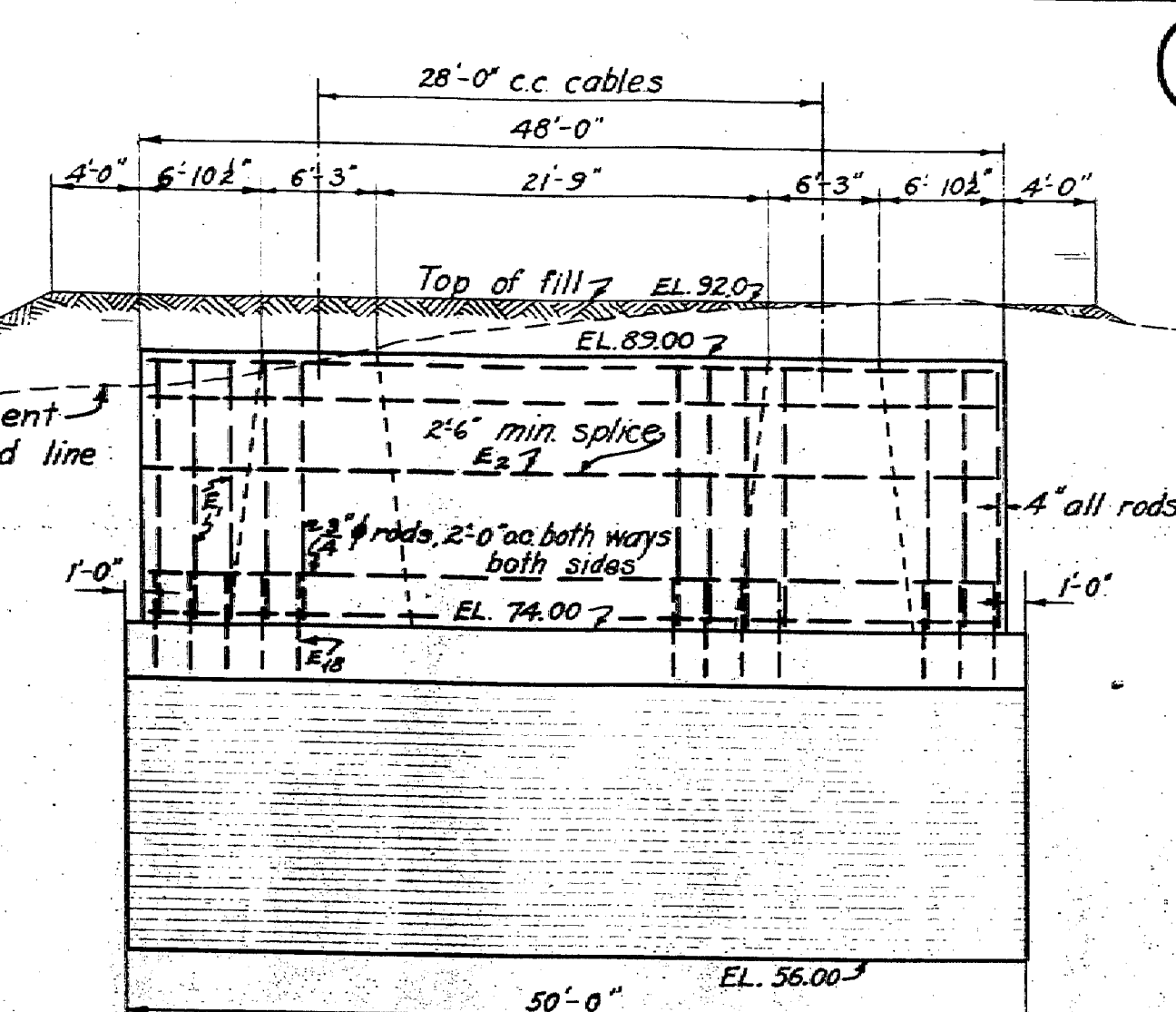
SECTION 'A-A'



LONGITUDINAL SECTION ON &



PLAN



EAST ELEVATION

REINFORCING SCHEDULE					
NO.	MARK	SIZE	DETAIL	UNIT	LOCATION
170	E1	3/4"	STRAIGHT	14'-8"	SIDE & BACK WALLS
32	E2	1/2"	1/2"	25'-0"	BACK WALL
80	E3	1/2"	1/2"	10'-0"	SIDE & FRONT WALLS
18	E4	1/2"	1/2"	11'-2"	FRONT WALL
4	E5	1/2"	1/2"	16'-4"	1/2"
6	E6	1/2"	1/2"	15'-6"	1/2"
32	E7	1/2"	STRAIGHT	39'-0"	SIDE WALLS
2	E8	1/2"	1/2"	37'-2"	FRONT WALL
4	E9	1/2"	1/2"	36'-0"	1/2"
2	E10	1/2"	1/2"	35'-3"	1/2"
20	E11	1/2"	1/2"	28'-2"	SIDE WALLS
12	E12	1/2"	1/2"	33'-2"	1/2"
4	E13	1/2"	1/2"	31'-0"	1/2"
4	E14	1/2"	1/2"	29'-6"	1/2"
4	E15	1/2"	1/2"	28'-0"	1/2"
20	E16	1/2"	1/2"	19'-8"	COLUMN PEDESTALS
12	E17	3/4"	STRAIGHT	7'-6"	SIDE WALLS
475	E18	1/2"	1/2"	5'-0"	SIDE, BACK, FRONT

All rods 2'-0" on centers except as noted.

General Notes:  
For Detail Of Anchorage Steel, See Sheet 11.  
All Exposed Corners Of Concrete To Be Chamfered 1/2".

ESTIMATED QUANTITIES  
Rubble And/Or Cyclopean Concrete: 1269.0 Cu.Yds.  
Other Concrete: 1018.0 Cu.Yds.  
Reinforcing Steel: 15000 Pounds  
Asphalt: 23.0 Cu.Yds.  
Earth Excavation: 3130.0 Cu.Yds.  
Fill And Grading: 1930.0 Cu.Yds.  
Pacing Anchorage Steel (Furnished By Others): 70000 Pounds

APPROVED

*Horton D. Steinhilber*  
*A. B. Steinman*  
CONSULTING ENGINEERS

**WALDO-HANCOCK BRIDGE**  
OVER  
PENOBSCOT RIVER NEAR BUCKSPORT, MAINE

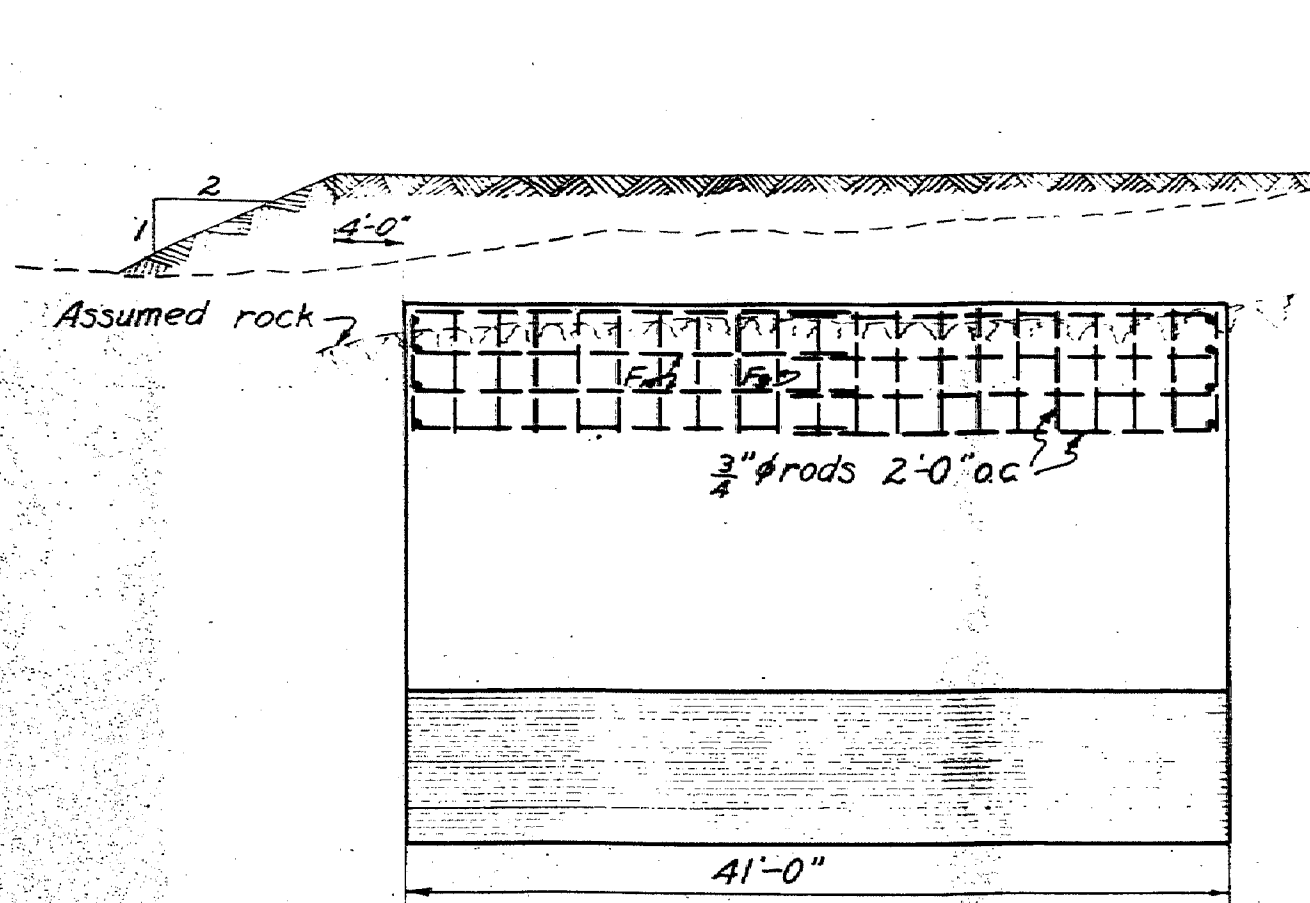
**EAST ANCHORAGE - PIER 4**

SCALE 1/4"=1'-0"

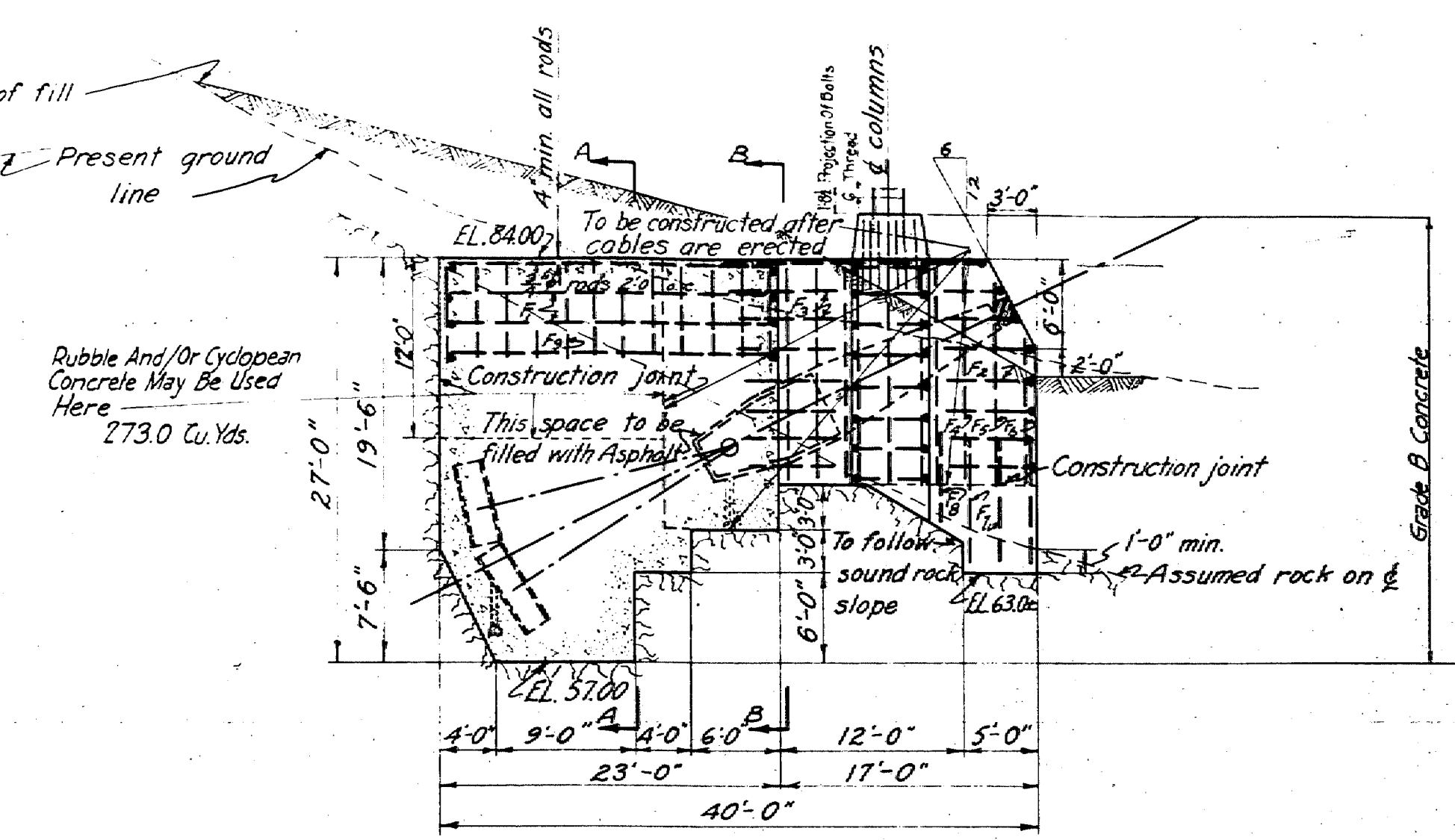
ROBINSON AND STEINMAN  
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NEW YORK - BUCKSPORT

DRAWING NUMBER  
**RS 2922 - 7**  
July 8, 1930

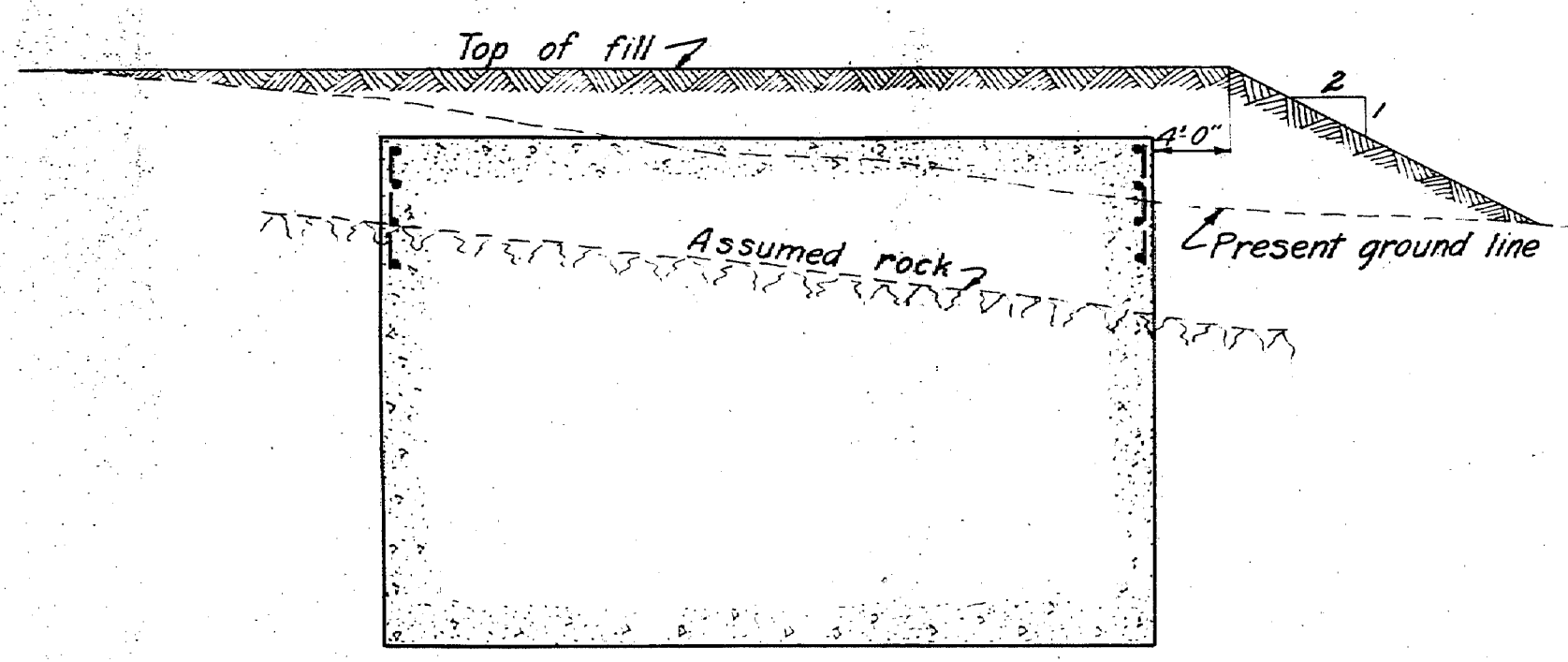




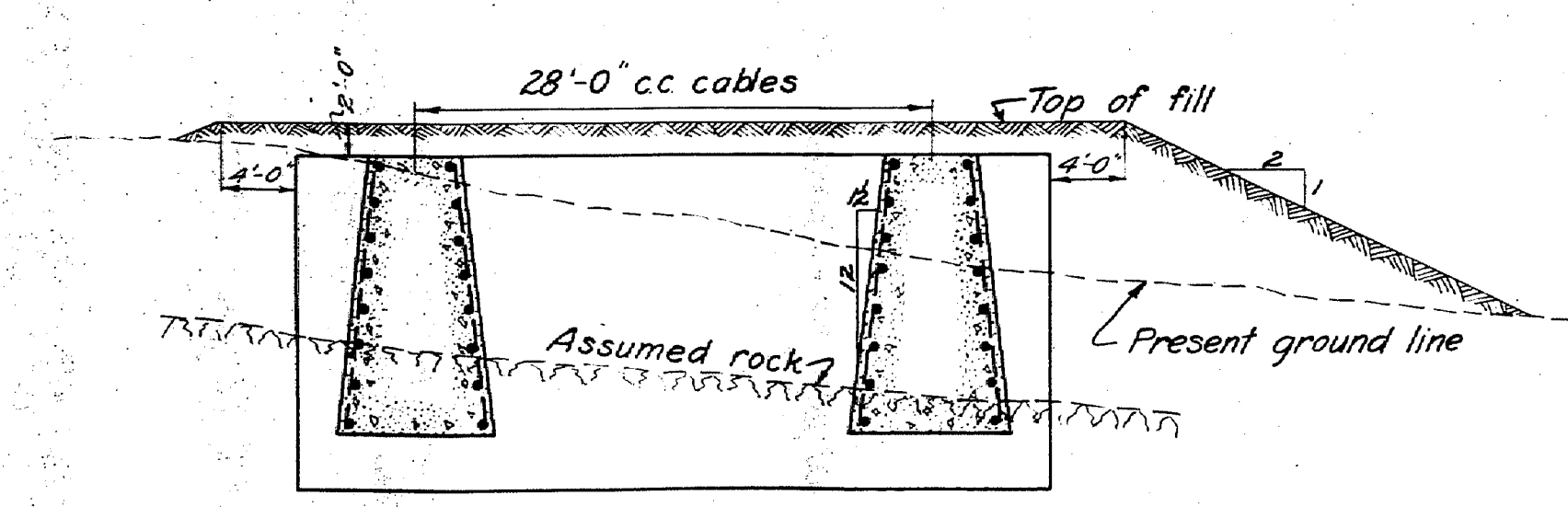
WEST ELEVATION



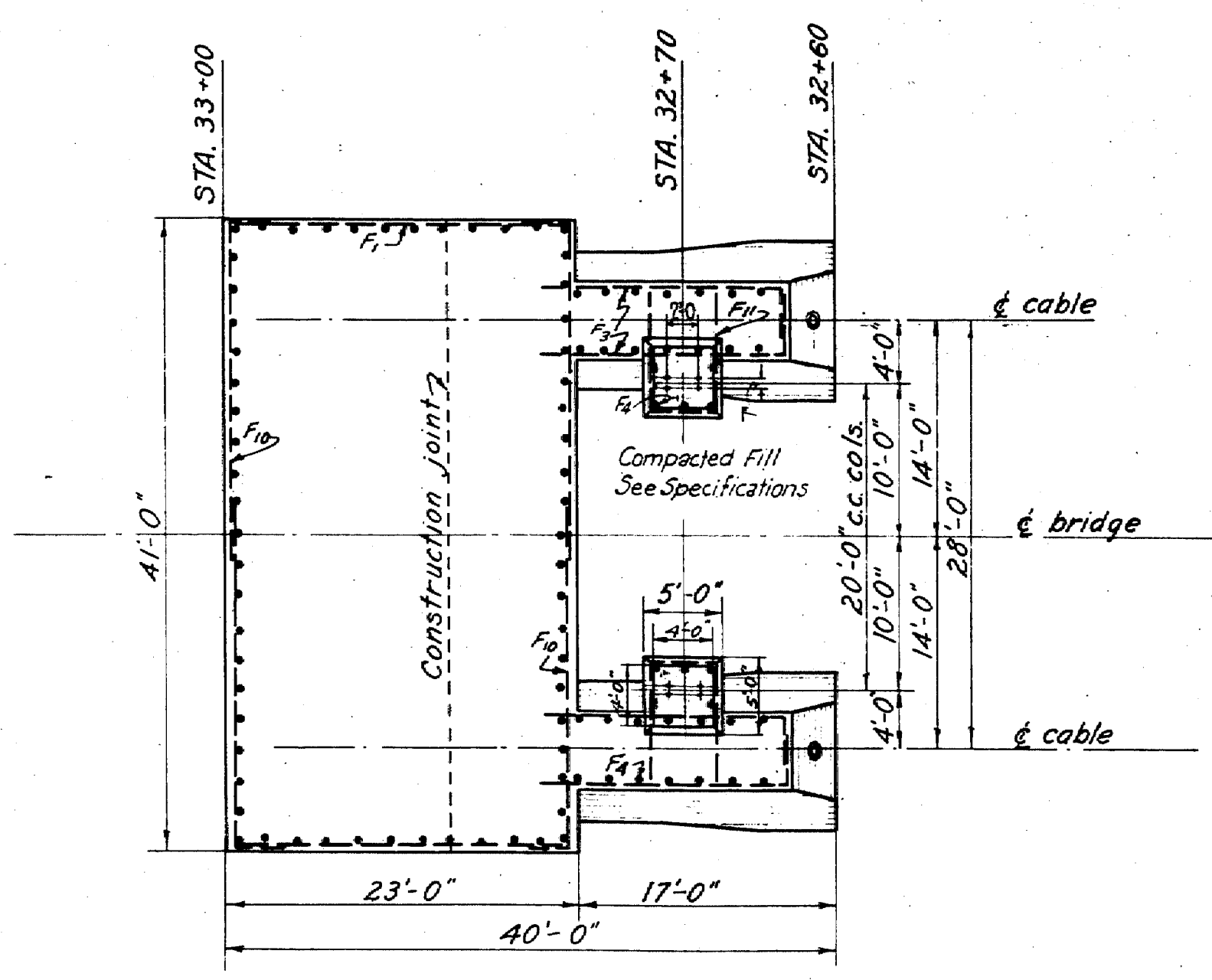
SECTION ON C



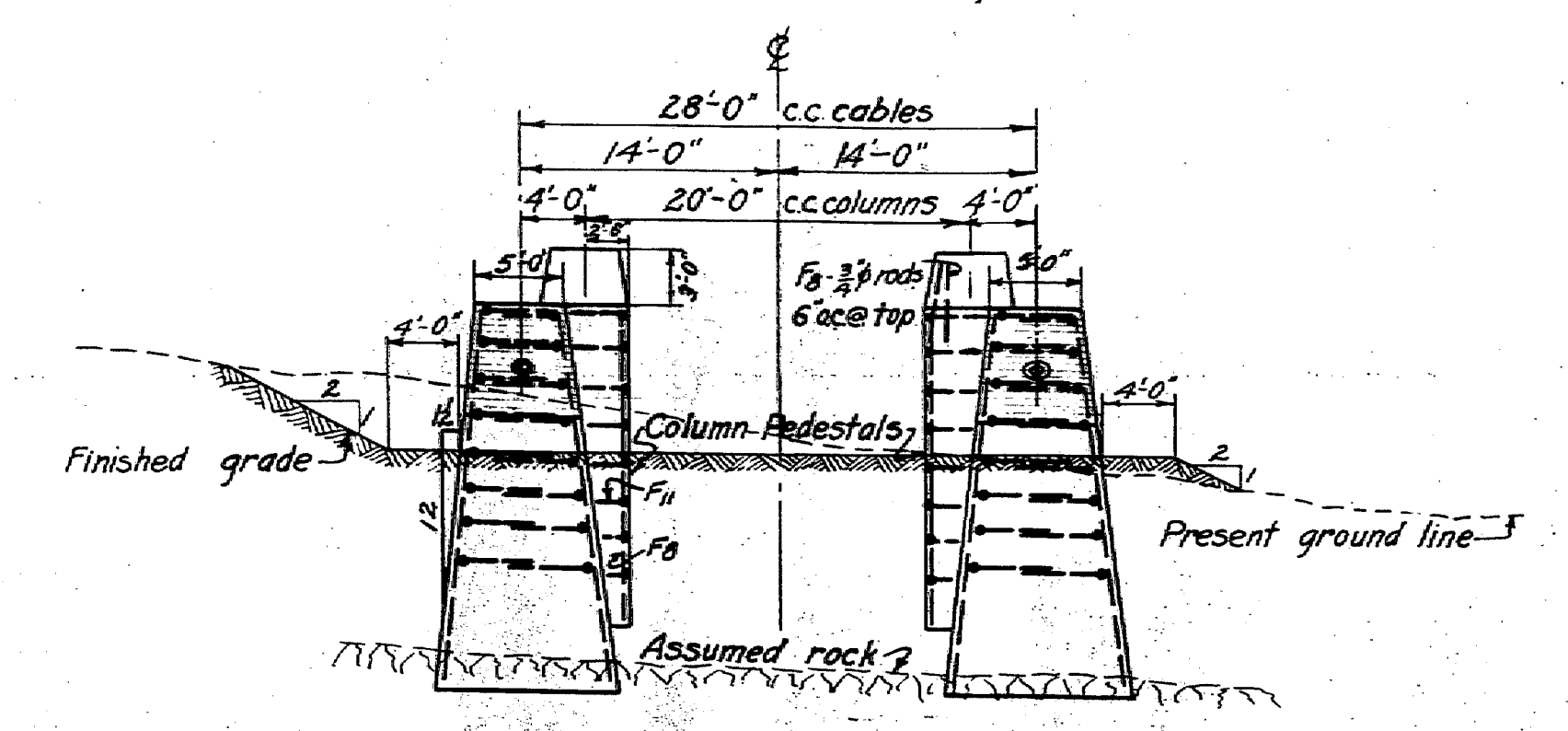
SECTION A-A



SECTION B-B



PLAN



EAST ELEVATION

REINFORCING SCHEDULE				
NO.	MARK	SIZE	DETAIL	LOCATION
8	F1	3/4"	STRAIGHT	SIDES
20	F2	"	19'-2"	SIDE OF WINGS-HOR.
12	F3	"	18'-0"	" " " "
34	F4	"	STRAIGHT	VERT.
4	F5	"	"	" " " "
4	F6	"	"	" " " "
12	F7	"	"	" " " "
68	F8	"	"	" " " "
62	F9	"	"	WEST FACE & SIDES
16	F10	"	22'-0"	EAST & WEST FACES
16	F11	1/2"	19'-8"	COLUMN PEDESTALS

General Notes :-  
 For Detail Of Anchorage Steel See Sheet II.  
 The Anchorage Site Shall Be Excavated Carefully  
 In Order Not To Start Cracks Or Seams.  
 Before Concrete Is Poured, The Walls Of The  
 Anchorage Shall Be Gone Over With Picks  
 To Remove Any Pieces Of Rock That May  
 Have Cracked Off The Ledge Rock And The  
 Anchorage Pit Shall Be Thoroughly Cleaned  
 Of All Dirt And Loose Rock.  
 All Exposed Corners Of Concrete To Be  
 Chamfered 1/2".

ESTIMATED QUANTITIES	
Rubble And /Or Cyclopean Concrete :	273.0 Cu.Yds.
Other Concrete :	682.0 Cu.Yds.
Reinforcing Steel :	4280 Pounds
Asphalt :	23.0 Cu.Yds.
Earth Excavation :	280.0 Cu.Yds.
Rock Excavation :	475.0 Cu.Yds.
Fill And Grading :	370.0 Cu.Yds.
Placing Anchorage Steel (Furnished By Others) :	46000 Pounds

APPROVED  
 Walter S. Robinson  
 CONSULTING ENGINEERS

**WALDO-HANCOCK BRIDGE**  
 OVER  
 PENOBSCOT RIVER NEAR BUCKSPORT, MAINE

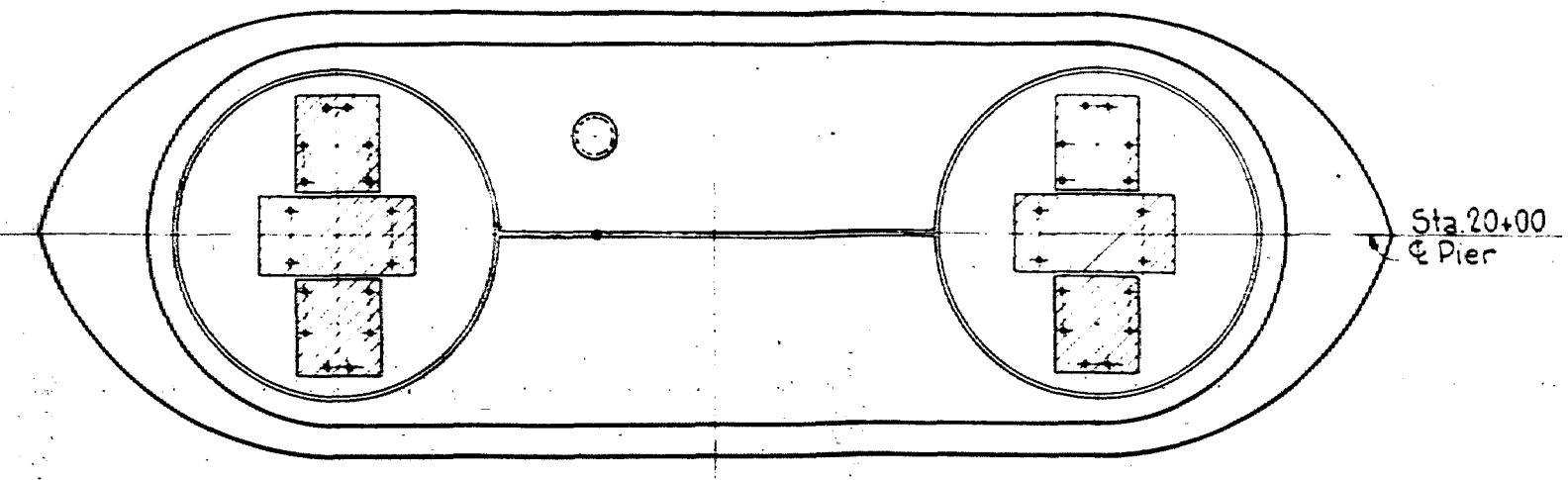
**WEST ANCHORAGE- PIER II**

SCALE 1" = 10'

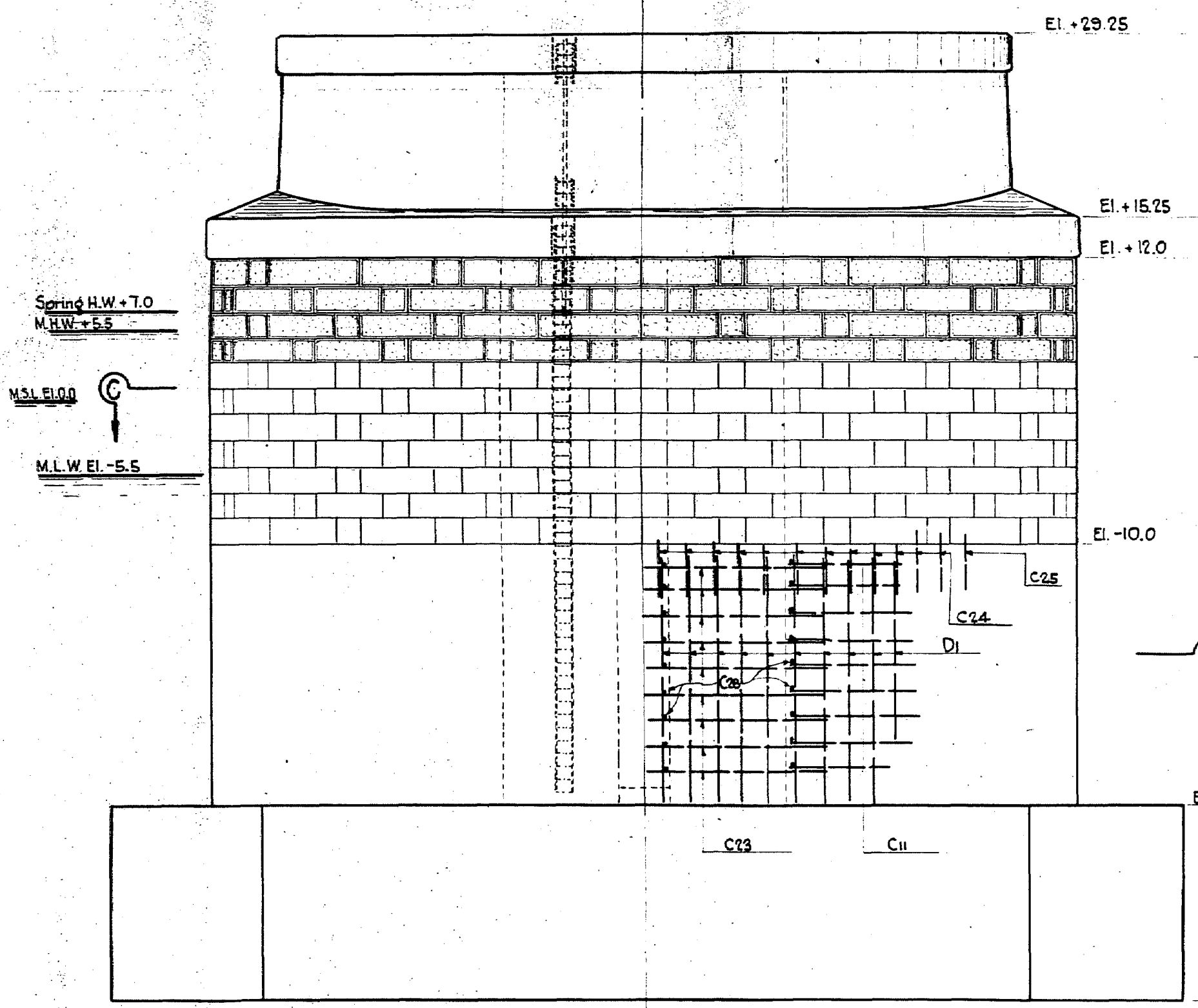
ROBINSON AND STEINMAN  
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 NEW YORK - BUCKSPORT

DRAWING NUMBER  
**RS2922 - 8**  
 July 8, 1930

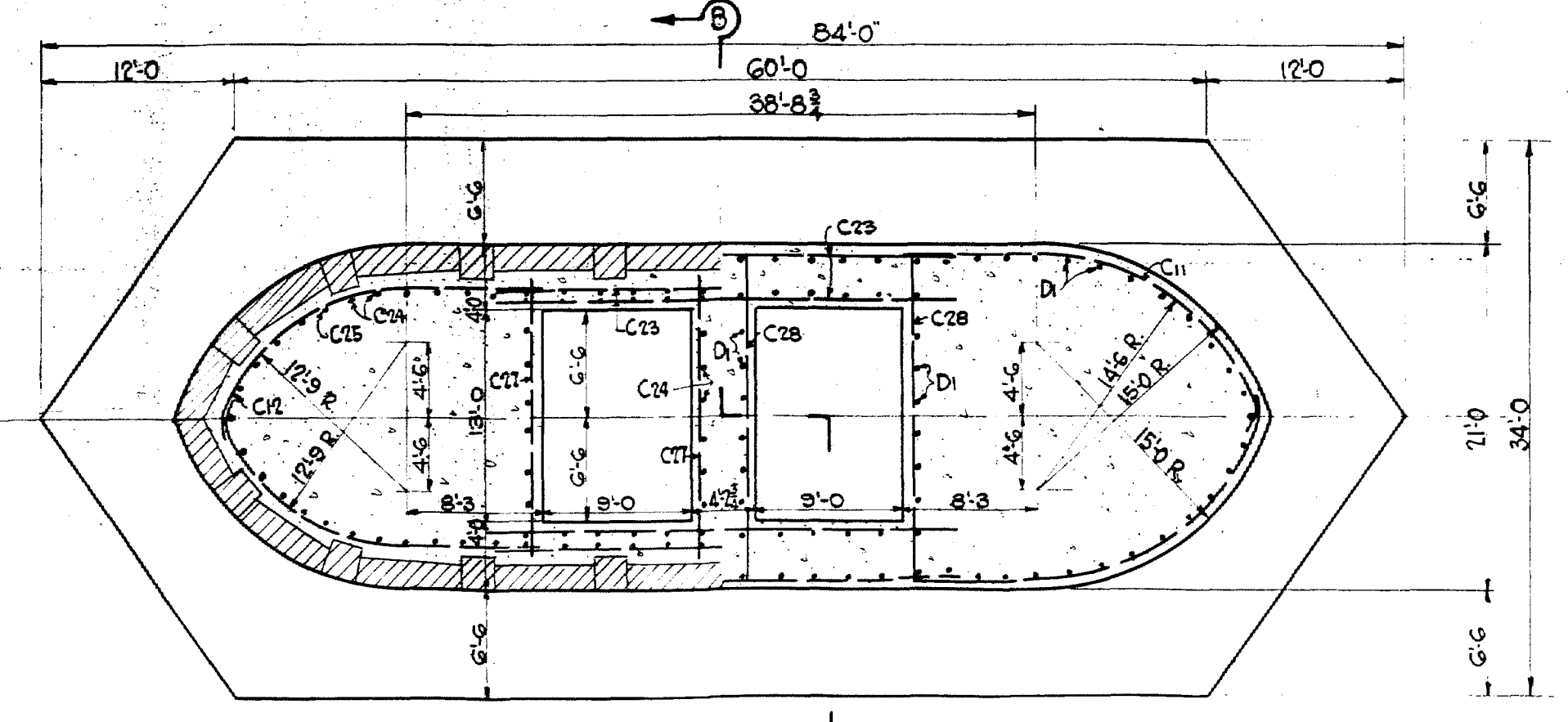




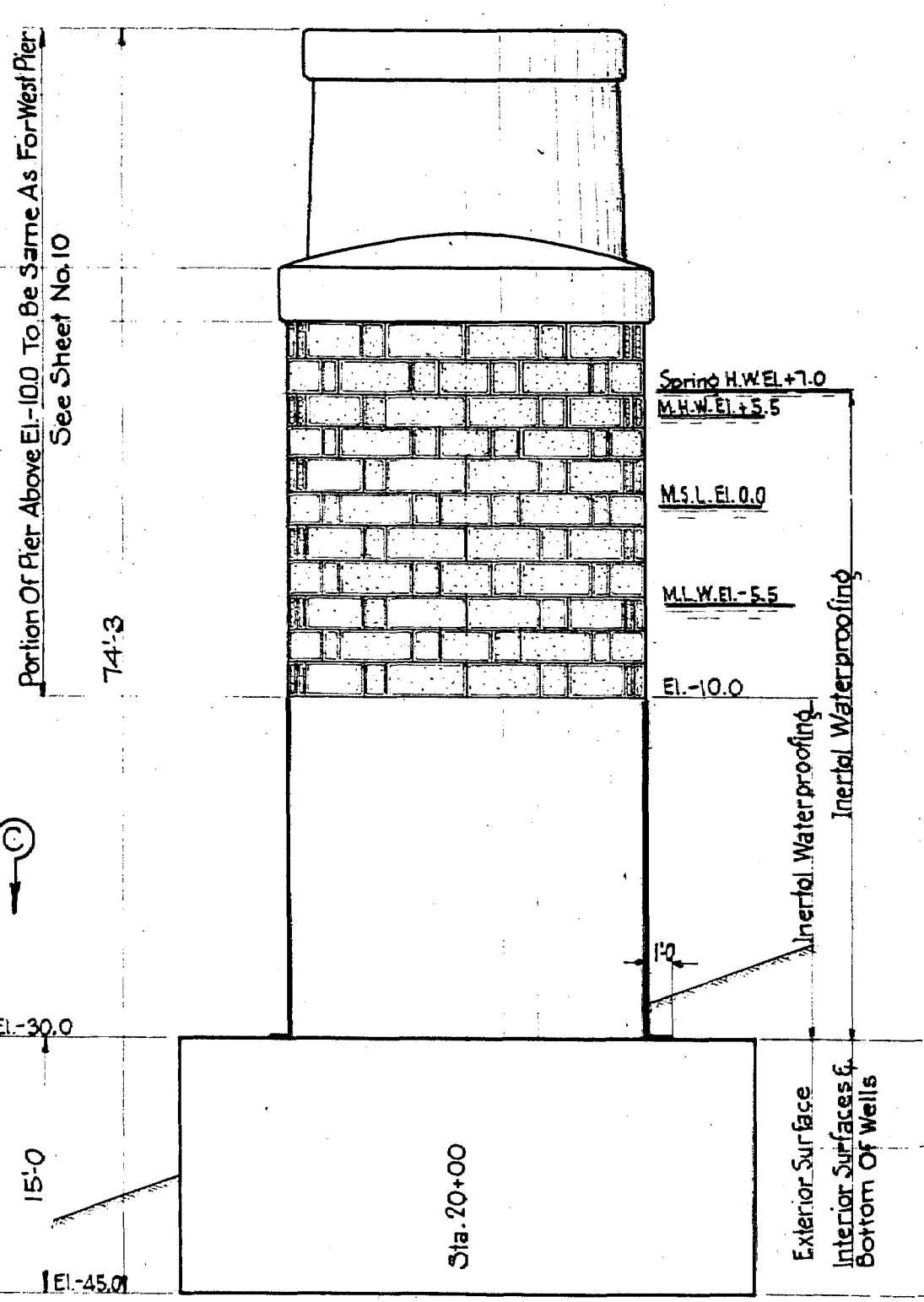
TOP PLAN



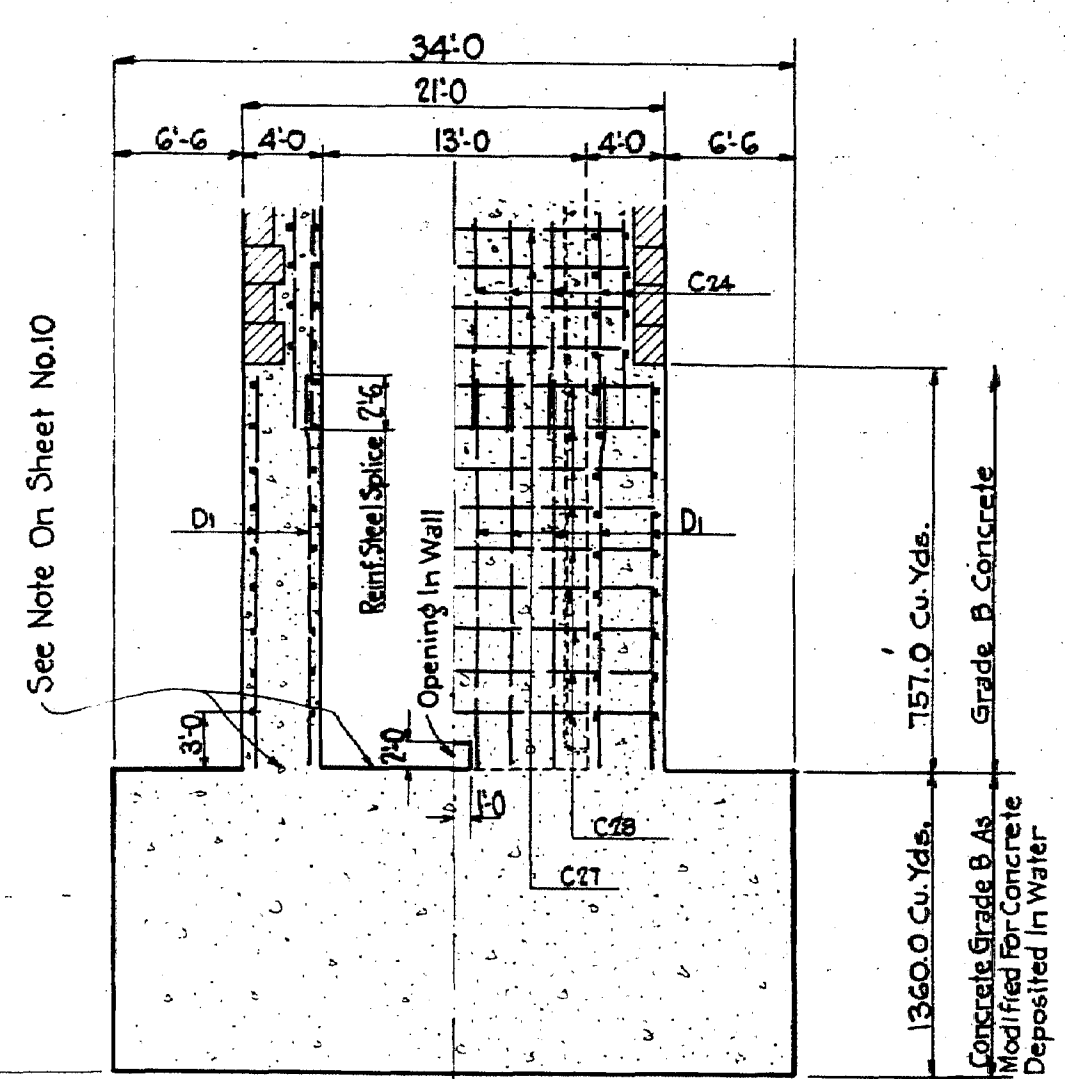
FRONT ELEVATION SHOWING PART REINFORCING



SECTION 'A-A'



END ELEVATION

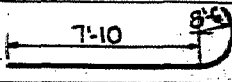
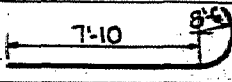
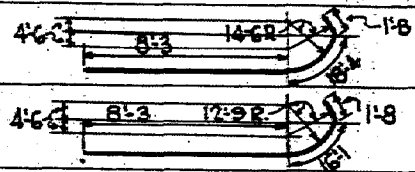
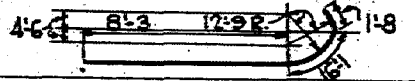


PART SECTION 'B-B'

ESTIMATED QUANTITIES

Concrete Deposited In Water:	1360.0 Cu.Yds.
Concrete Deposited In Dry:	1959.0 Cu.Yds.
Granite Facing:	197.0 Cu.Yds.
Reinforcing Steel:	34030 Pounds
Earth Excavation:	1156.0 Cu.Yds.
Waterproofing:	6370.0 Sq.Ft.
Manholes:	2
One Ladder:	12 Lin.Ft.
One Ladder:	43 Lin.Ft.
3" CI Pipe Drain:	30 Lin.Ft.
Anchor Bolts:	32. To Be Furnished By Superstructure Contractor & Placed By Substructure Contractor.

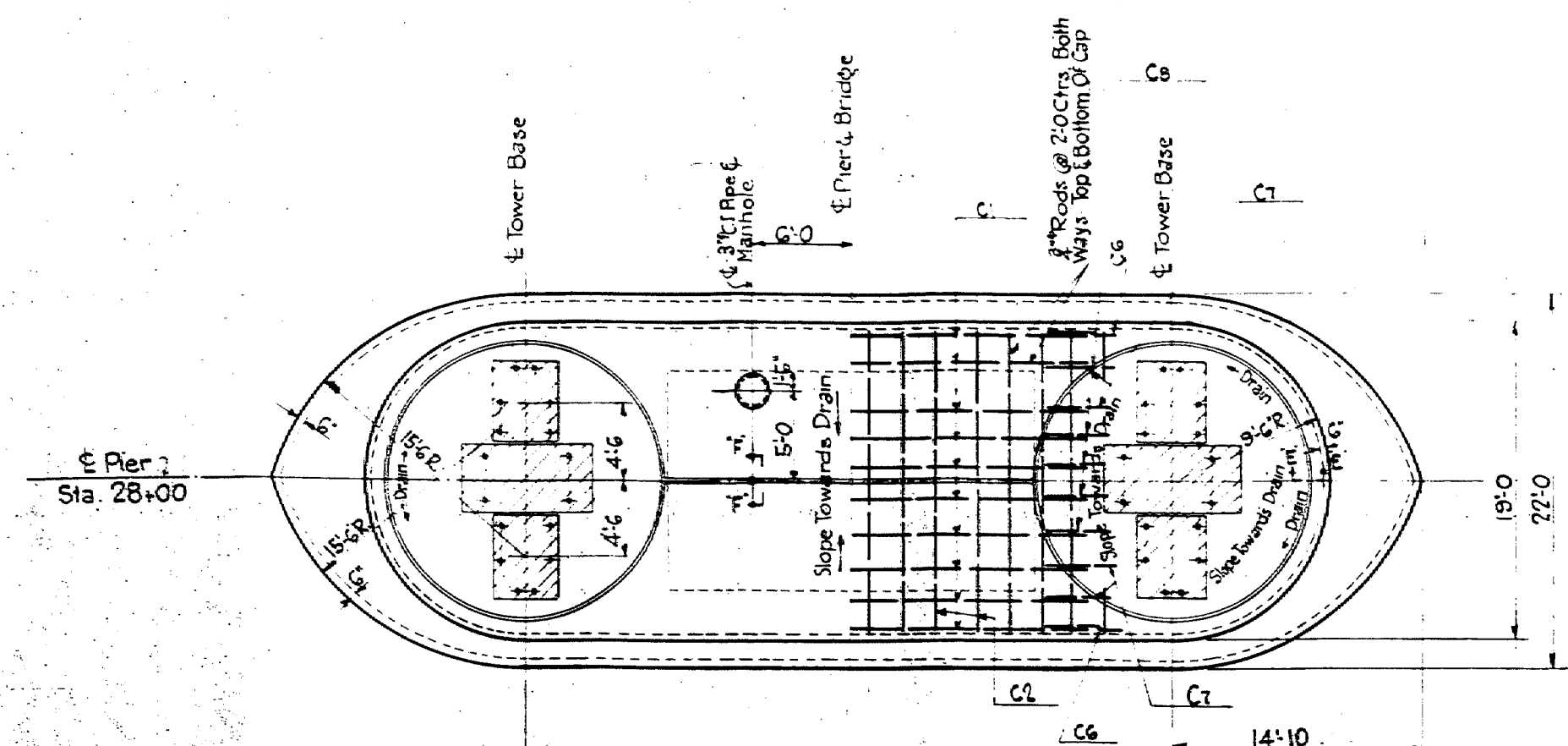
APPROVED *Kurtin D. Robinson*  
*D.B. Steinman*  
 CONSULTING ENGINEERS

REINFORCING SCHEDULE FOR EAST AND WEST PIERS								
NO. OF RODS			MARK	SIZE	DETAILS	UNIT LENGTH	LOCATION	
EAST PIER	WEST PIER	TOTAL						
40	40	80	C <sub>1</sub>	3/4"		28'-0"	Upper Shaft & Upper Cap	
44	40	84	C <sub>2</sub>	"	"	18'-0"	Upper Cap	
4	4	8	C <sub>3</sub>	"	"	16'-6"	"	
4	4	8	C <sub>4</sub>	"	"	14'-0"	"	
4	4	8	C <sub>5</sub>	"	"	9'-6"	"	
28	28	56	C <sub>6</sub>	"		22'-6"	Upper Cap And Upper Shaft	
16	16	32	C <sub>7</sub>	"	Straight	14'-0"	Upper Cap	
16	16	32	C <sub>8</sub>	"	"	16'-6"	"	
102	102	204	C <sub>9</sub>	"	"	13'-6"	Vertical Upper Shaft	
14	14	28	C <sub>10</sub>	"	"	5'-0"	Lower Cap To Upper Shaft	
44	36	80	C <sub>11</sub>	"		28'-3"	Bottom Of Lower Shaft	
44	44	88	C <sub>12</sub>	"		27'-0"	Top Of Lower Shaft	
40	40	80	C <sub>13</sub>	"	Straight	21'-0"	Transverse Lower Cap	
8	8	16	C <sub>14</sub>	"	"	20'-0"	"	
8	8	16	C <sub>15</sub>	"	"	17'-0"	"	
4	4	8	C <sub>16</sub>	"	"	14'-0"	"	
4	4	8	C <sub>17</sub>	"	"	10'-0"	"	
24	24	48	C <sub>18</sub>	"	"	28'-0"	Longitudinal Lower Cap	
8	8	16	C <sub>19</sub>	"	"	15'-0"	"	
8	8	16	C <sub>20</sub>	"	"	18'-0"	"	
16	16	32	C <sub>21</sub>	"	"	19'-6"	"	
8	8	16	C <sub>22</sub>	"	"	22'-0"	"	
80	72	152	C <sub>23</sub>	1"	"	29'-0"	Horizontal Lower Shaft	
96	96	192	C <sub>24</sub>	3/4"	"	30'-9"	Vertical Lower Shaft	
22	22	44	C <sub>25</sub>	"	"	28'-0"	Vertical Top Of Lower Shaft	
122	122	244	C <sub>26</sub>	"	"	14'-6"	Vertical Bottom Of Lower Shaft	
58	58	116	C <sub>27</sub>	"	"	17'-6"	Transverse Top Of Lower Shaft	
36	24	60	C <sub>28</sub>	"	"	20'-0"	Transverse Bottom Of Lower Shaft	
122	122	244	D <sub>1</sub>	"	"	19'-6"	Vertical Bottom Of Lower Shaft	

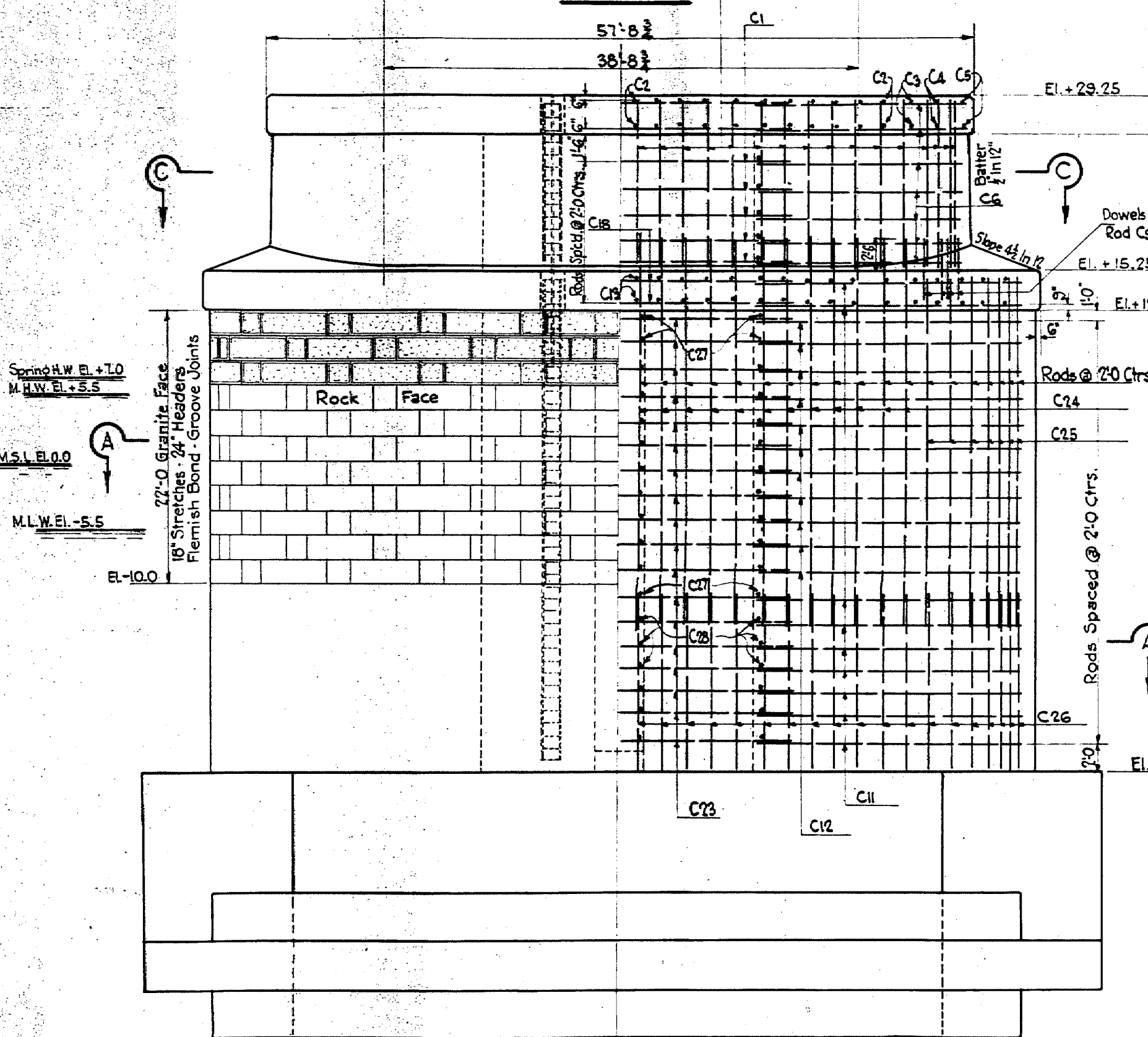
Note: For Details Not Shown On This Sheet, See Sheet 10

**WALDO-HANCOCK BRIDGE**  
 OVER  
 PENOBSCOT RIVER NEAR BUCKSPORT, MAINE  
**EAST MAIN PIER NO.7**  
 SCALE 1/4" = 1'-0"  
 ROBINSON AND STEINMAN  
 CONSULTING ENGINEERS  
 NEW YORK - BUCKSPORT  
 DRAWING NUMBER  
**RS2922-9**  
 July 8, 1930

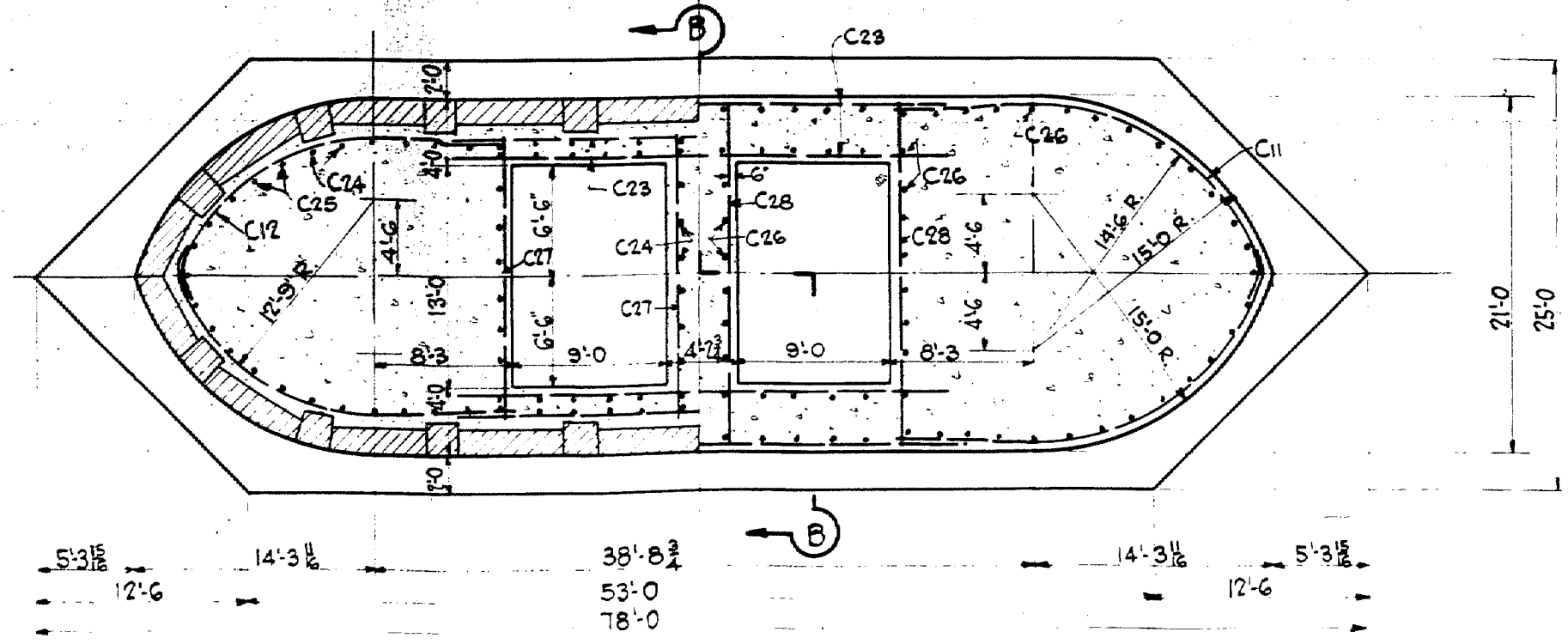




TOP PLAN

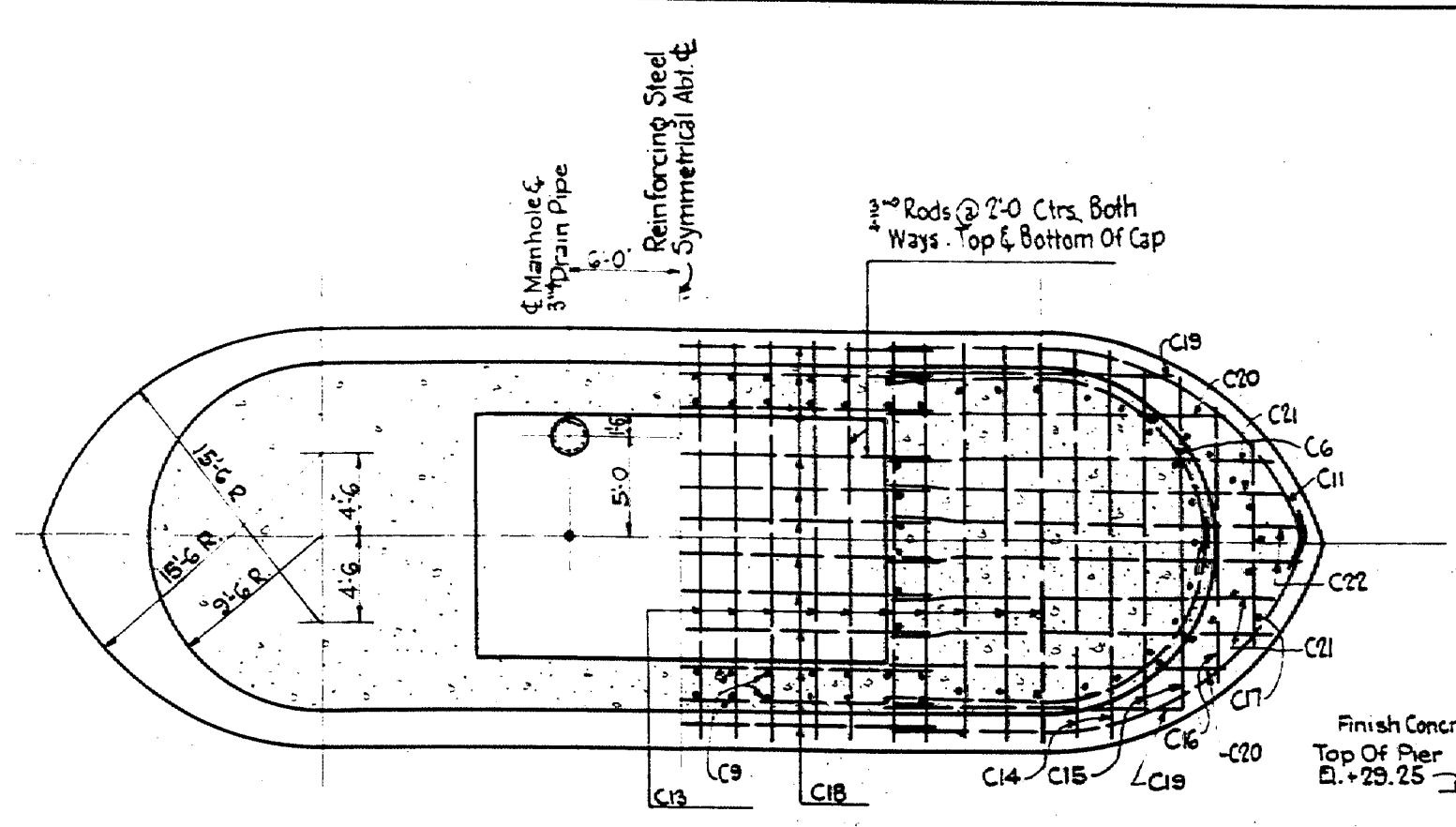


HALF FRONT ELEVATION-GRANITE FACING HALF FRONT ELEVATION-REINFORCING

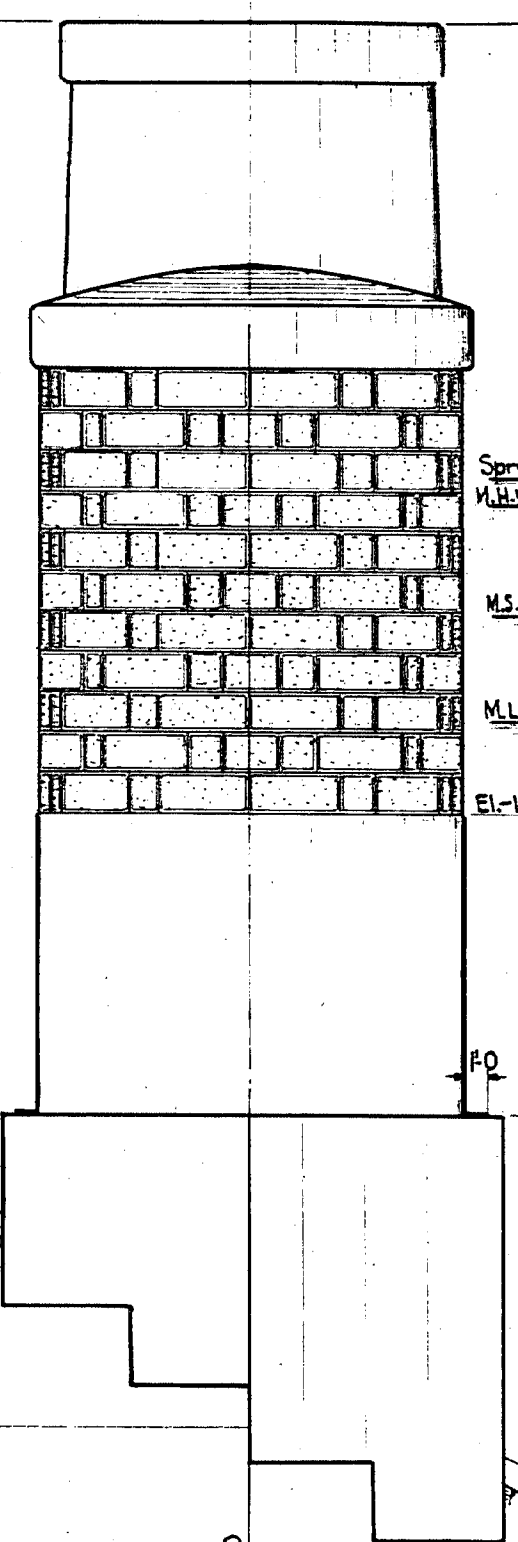


SECTION A-A

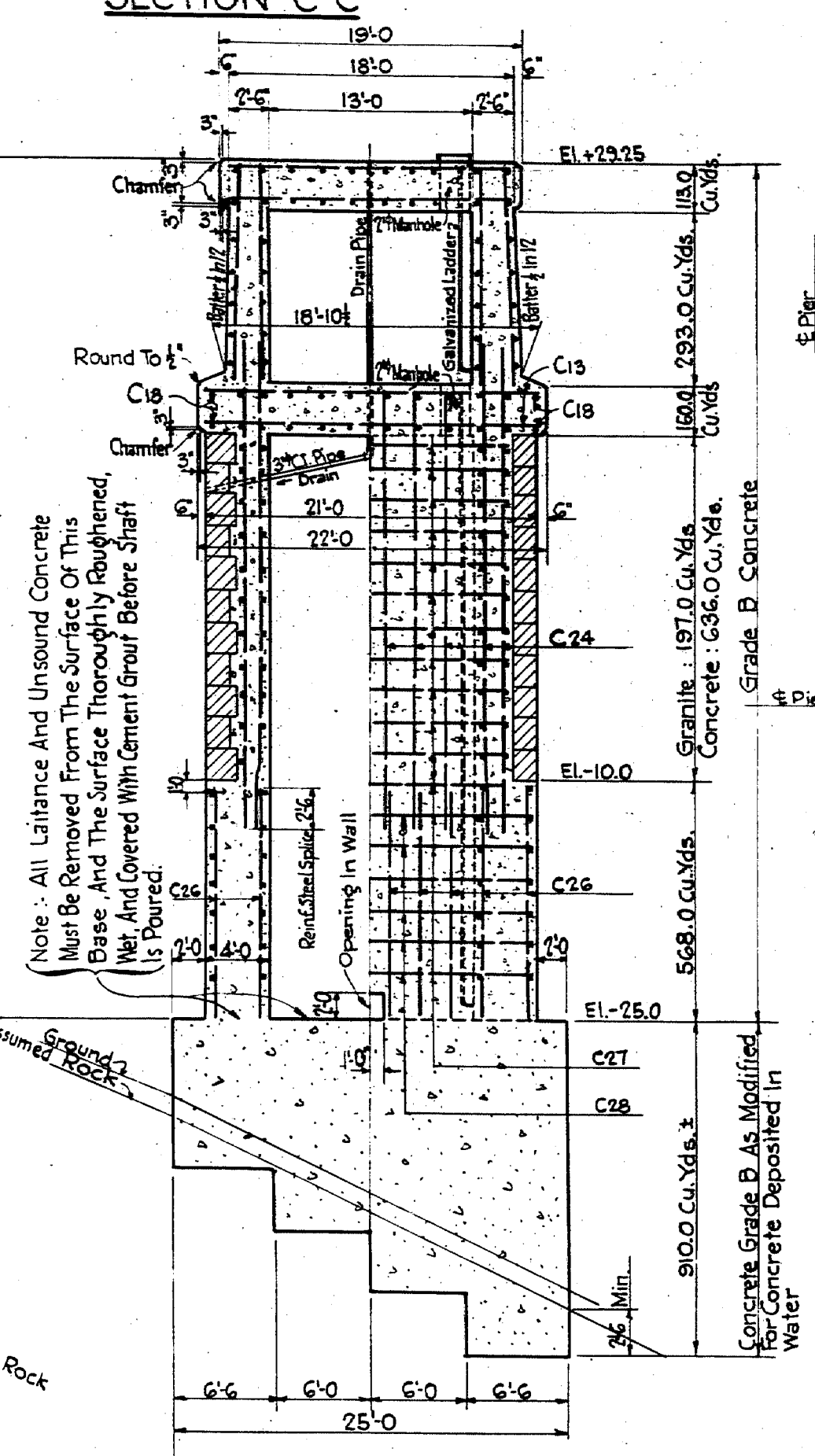
SECTIONS 'E-E' & 'F-F'



SECTION 'C-C'



END ELEVATION

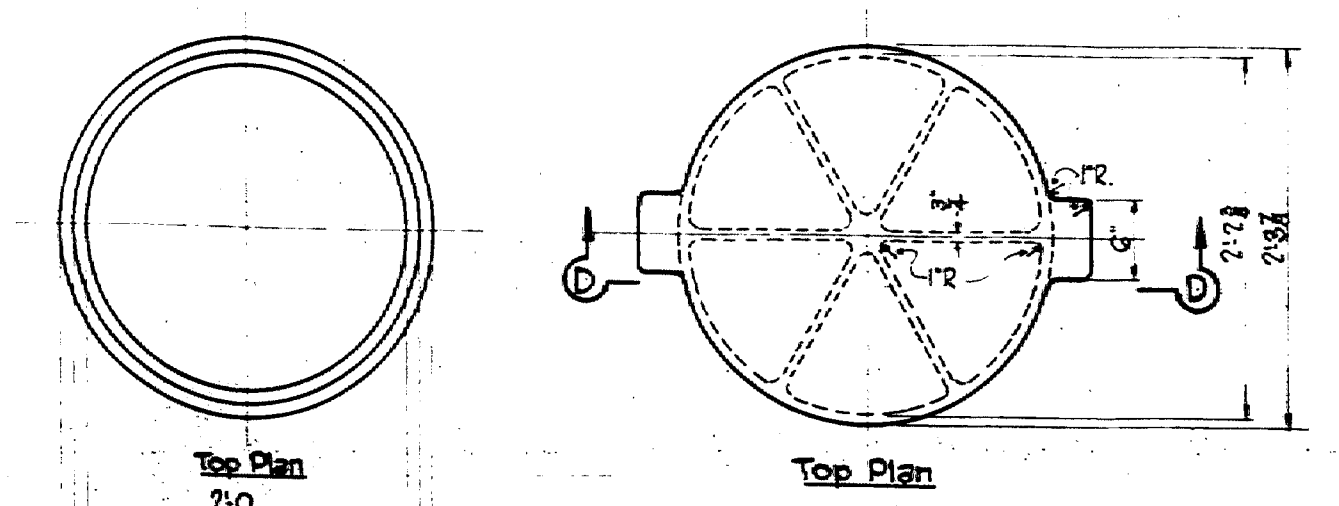


SECTION 'B-B'

Entire Base To Be In Solid Rock. At Least 2'-6" If Necessary Carry Deeper Than Shown Here. Location & Dimensions Of Steps May Be Varied If Necessary.

ESTIMATED QUANTITIES

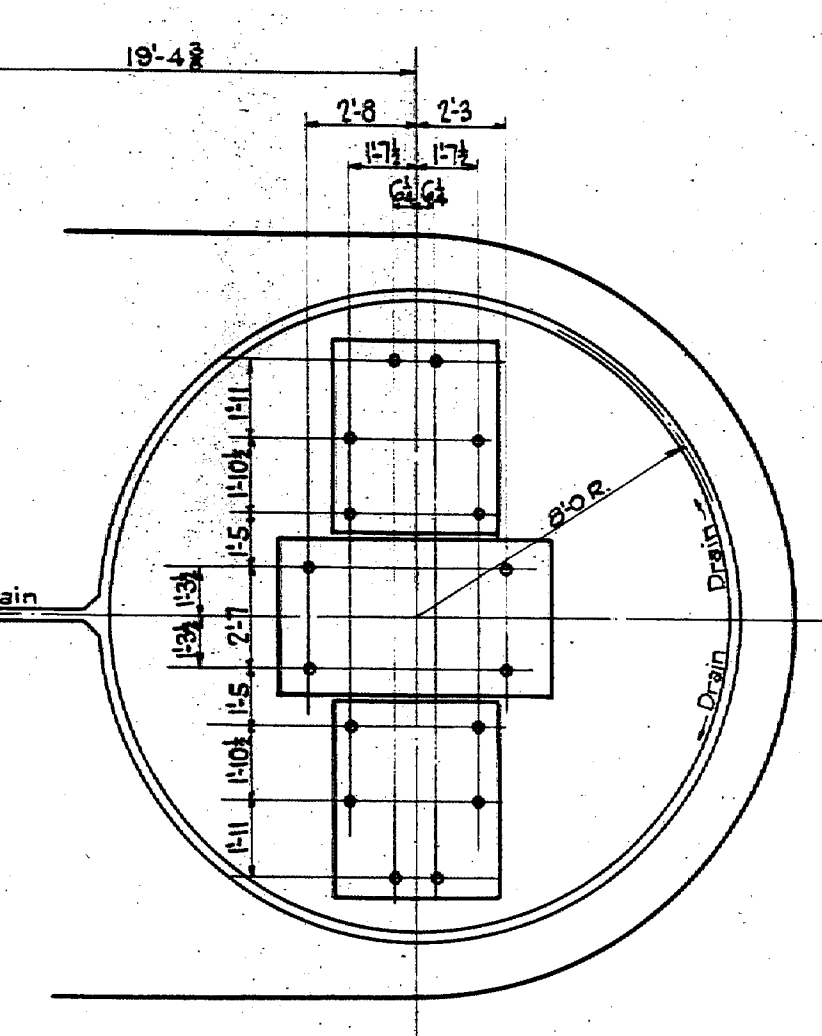
Concrete Deposited In Water	910.0 Cu.Yds.
Concrete Deposited In Dry	1770.0 Cu.Yds.
Granite Facing	197.0 Cu.Yds.
Reinforcing Steel	31520 Pounds
Earth Excavation	67.0 Cu.Yds.
Rock Excavation	188.0 Cu.Yds.
Waterproofing	5580.0 Sq.Ft.
Manholes	2
One Ladder	12 Lin. Ft.
One Ladder	38 Lin. Ft.
3" C.I. Pipe Drain	30 Lin. Ft.
Anchor Bolts - 32	To Be Furnished By Superstructure Contractor & Placed By Substructure Contractor.



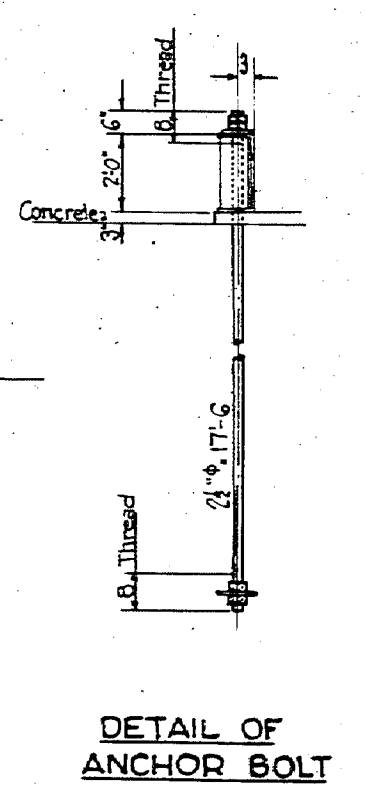
Section On C

Section 'D-D'

MANHOLE BASE - C.I. Or Approved Equal  
2 REQUIRED  
MANHOLE COVER - C.I. Or Approved Equal  
2 REQUIRED  
Scale 1"=1'-0"



ENLARGED PART VIEW OF CAP SHOWING LOCATION OF ANCHOR BOLTS  
Scale 1/4"=1'-0"



DETAIL OF ANCHOR BOLT

Note:  
For Schedule Of Reinforcing Steel See Sheet 9

APPROVED  
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**WALDO-HANCOCK BRIDGE**  
OVER  
PENOBSCOT RIVER NEAR BUCKSPORT, MAINE

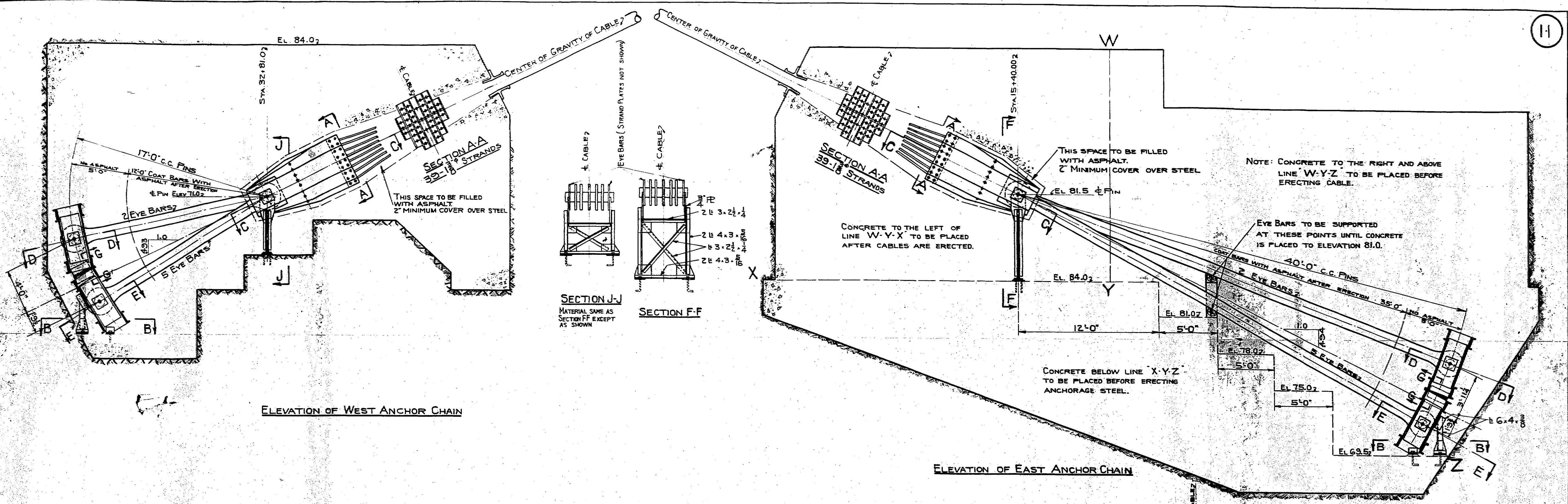
**WEST MAIN PIER NO. 8**

SCALES 1/4"=1'-0"

ROBINSON AND STEINMAN  
CONSULTING ENGINEERS  
NEW YORK - BUCKSPORT

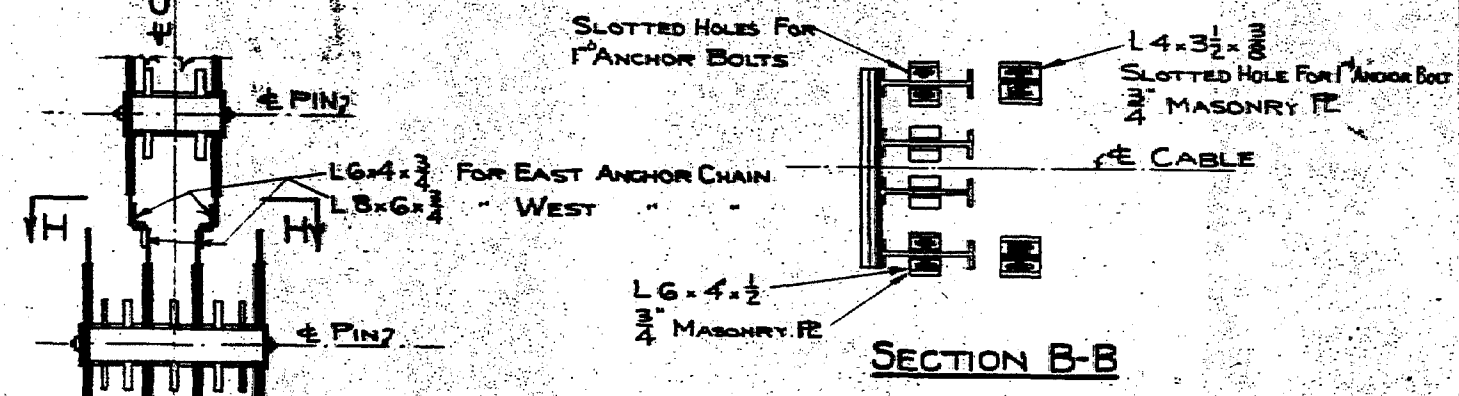
DRAWING NUMBER  
**RS2922 - 10**  
July 8, 1930





**SECTION J-J**  
MATERIAL SAME AS SECTION FF EXCEPT AS SHOWN

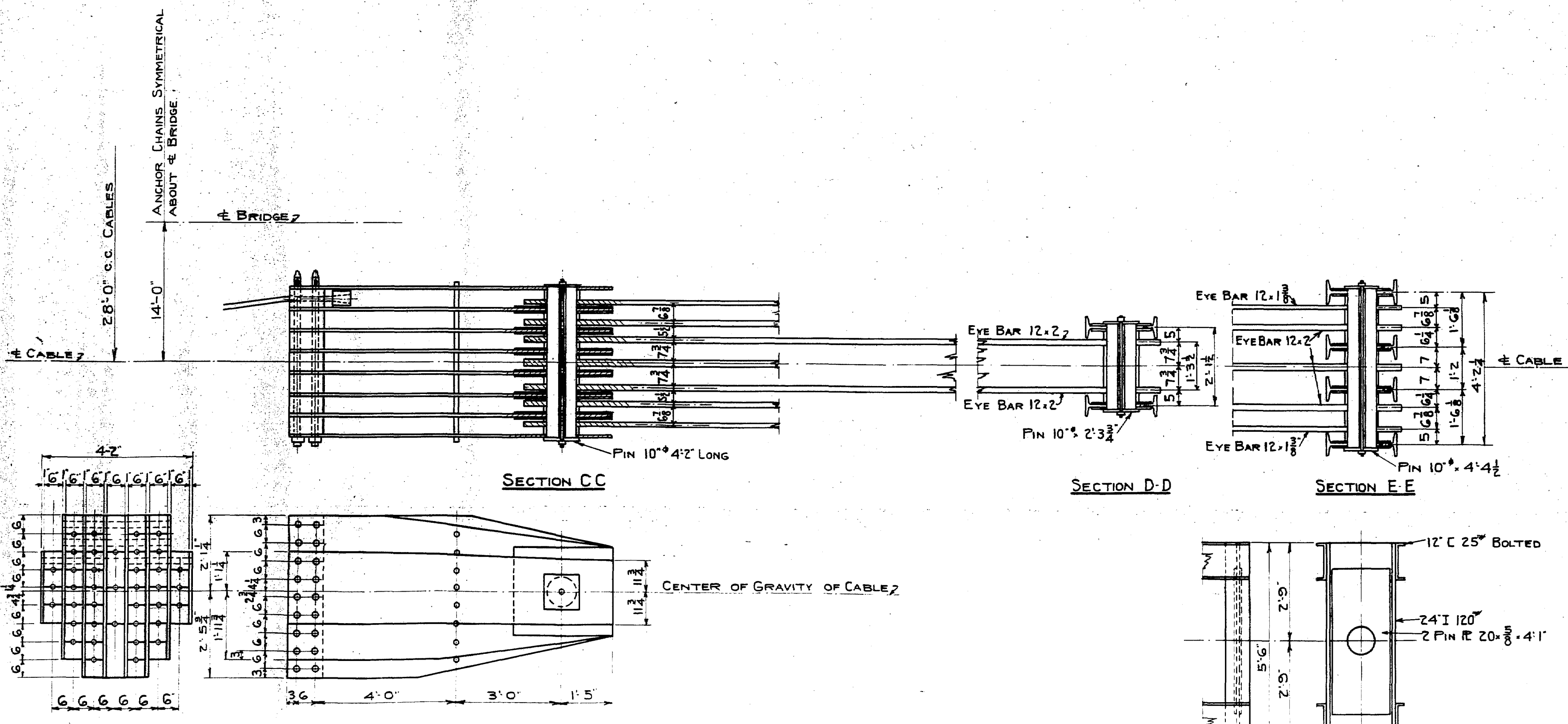
**SECTION F-F**



**SECTION G-G**

**SECTION H-H**

ALL ANCHORAGE STEEL TO BE FURNISHED BY SUPERSTRUCTURE CONTRACTOR.  
EYE BARS, GIRDERS AND SUPPORTING STEEL TO BE ERECTED BY SUBSTRUCTURE CONTRACTOR.  
THE SUPERSTRUCTURE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY INFRINGEMENT OF PATENTS IN THE INDICATED DESIGN OF THE CONNECTION OF THE STRANDS TO THE ANCHORAGE STEEL. OTHER DESIGNS AND DETAILS FOR THIS CONNECTION MAY BE SUBSTITUTED BY THE SUPERSTRUCTURE CONTRACTOR, SUBJECT TO THE APPROVAL OF THE ENGINEERS.  
ALL ANCHORAGE STEEL SHALL HAVE ONE SHOP COAT OF RED LEAD PAINT.  
ALL ASPHALT USED FOR PAINTING EYE BARS AND ENCASEING STRANDS SHALL CONFORM TO THE A.S.T.M. SPECIFICATIONS, SERIAL DESIGNATION D144-25.



APPROVED *Robert D. Robinson*  
*D.B. Steinman*  
CONSULTING ENGINEERS

**WALDO-HANCOCK BRIDGE**  
OVER  
PENOBSCOT RIVER NEAR BUCKSPORT, MAINE

**ANCHORAGE STEEL**

SCALE 1/4" = 1'-0"

ROBINSON AND STEINMAN  
CONSULTING ENGINEERS  
NEW YORK - BUCKSPORT

DRAWING NUMBER  
**RS 2922-11**  
July 8, 1930