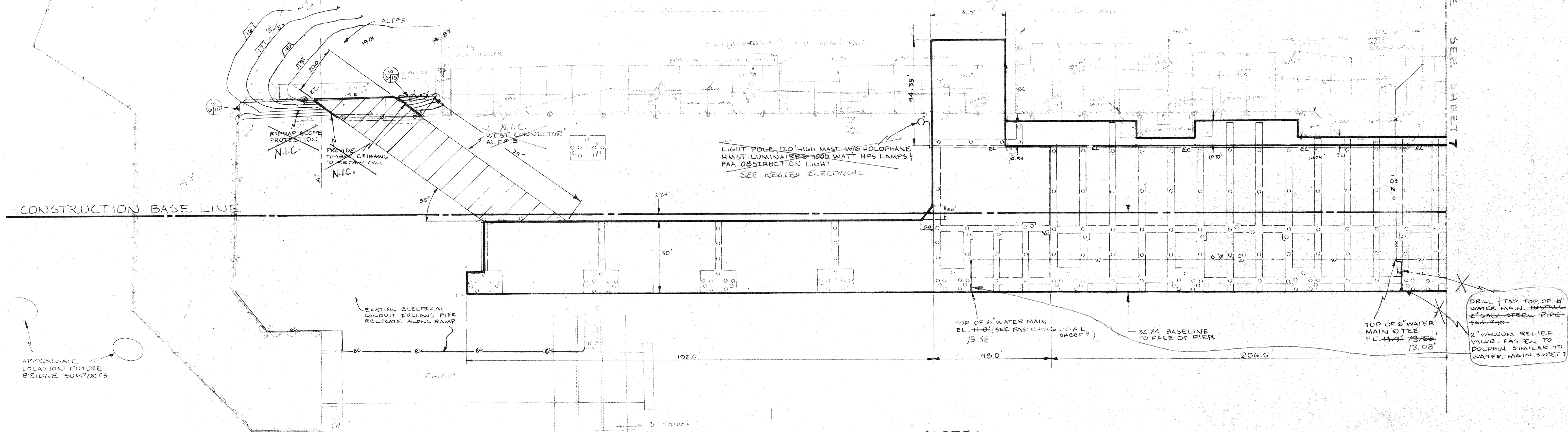


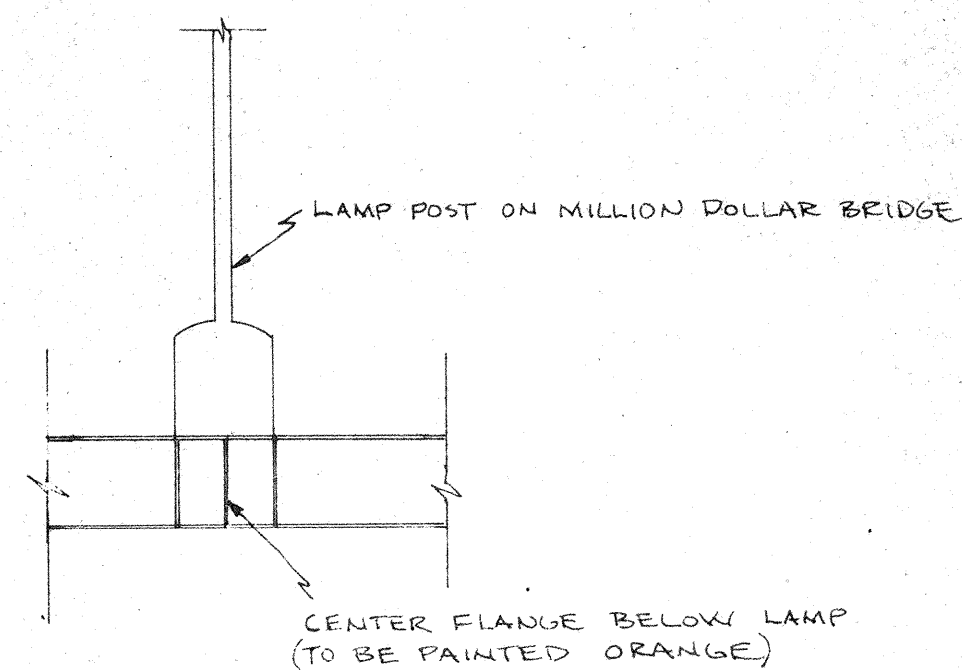
- LEGEND-**
- SURVEY CONTROL POINT Δ
 - GRID INTERSECTIONS +
 - WIDE FLANGE BEAM (BELOW DECK) I
 - WIDE FLANGE BEAM (ABOVE DECK) @
 - STONE SEA WALL ---
 - METAL FENCE ---
 - GAS MAIN G
 - ELECTRICAL CONDUIT EC
 - BORING B
 - WATER MAIN W
 - FUEL LINE F
 - GATE VALVE V
 - BOLLARD O
 - ELEVATION BELOW PIER (19.90)
 - ELEVATION ABOVE PIER 10.90
 - GUARD RAIL ---



-NOTES-

§ ELEVATIONS BASED ON MVDY DISK IN RET WALL;
N.W. CORNER OF EXISTING CONCRETE PIER EL 19.41' MVDY

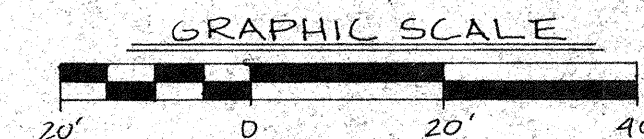
IMT AS-BUILTS
REED & REED
1993



CONSTRUCTION BASELINE TARGET

FORE RIVER

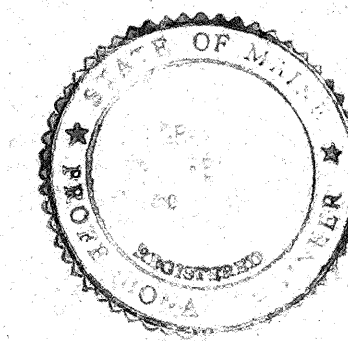
FLOOD S EBB



SCALE: 1" = 20'

RECORD DRAWING
LAYOUT UTILITIES

INTERNATIONAL FERRY
TERMINAL RECONSTRUCTION
CITY OF PORTLAND, PORTLAND
ME.

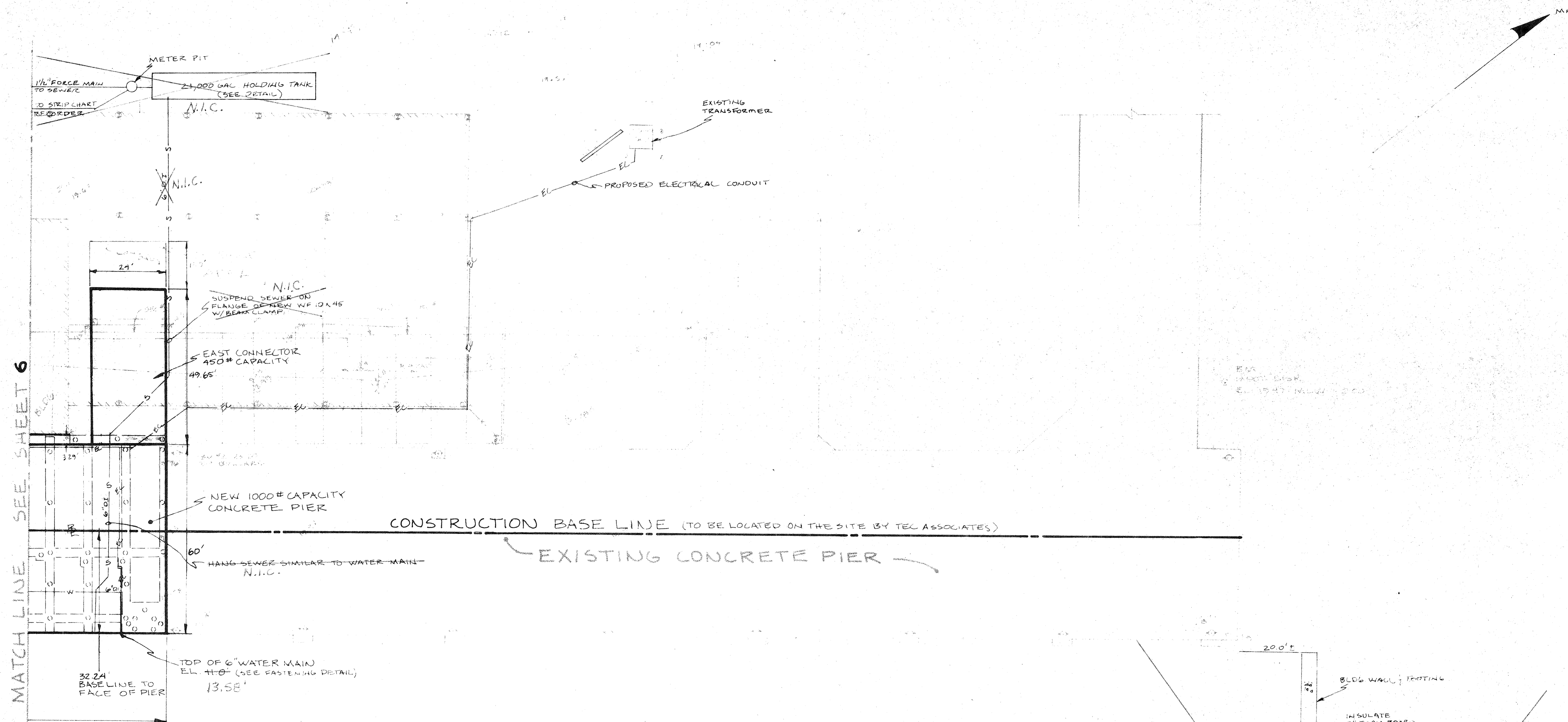


TEC ASSOCIATES CONSULTING
ENGINEERS
169 Front Street South Portland, Maine 04106

SCALE AS NOTED DATE 9/12/92

JOB NO 9213 DRAWN BY J.P.C. REV NO 6

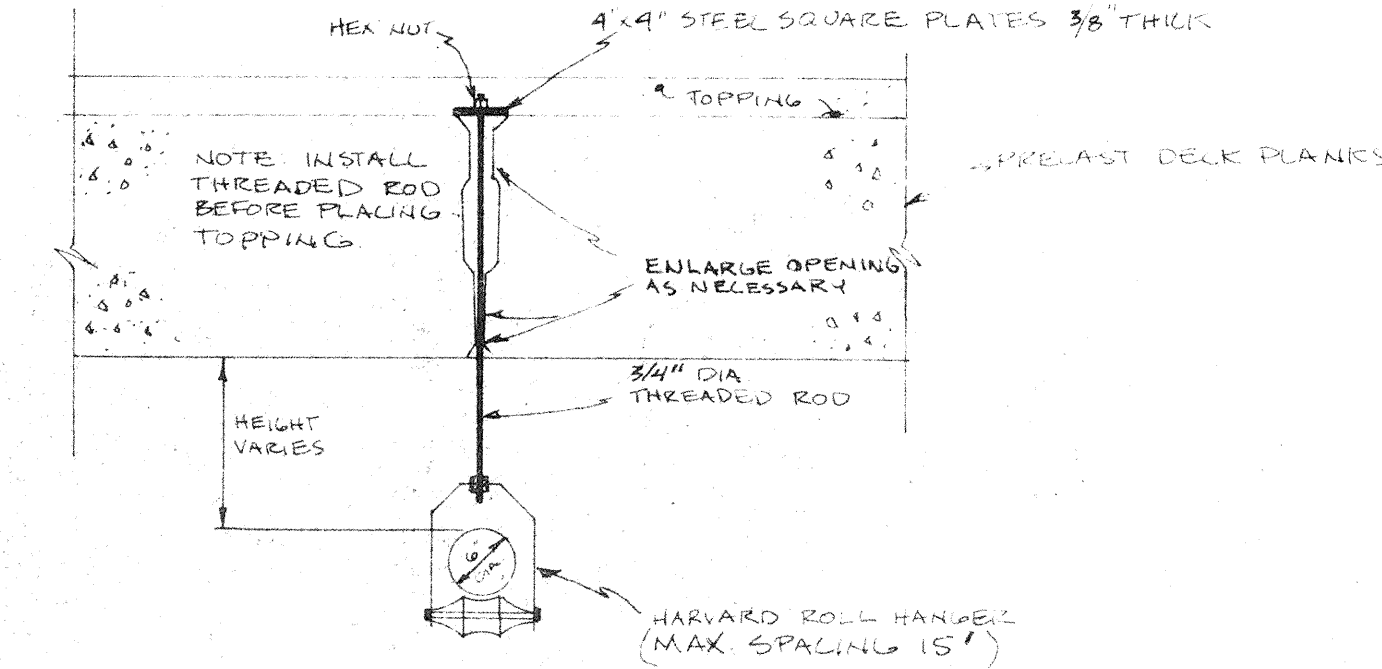
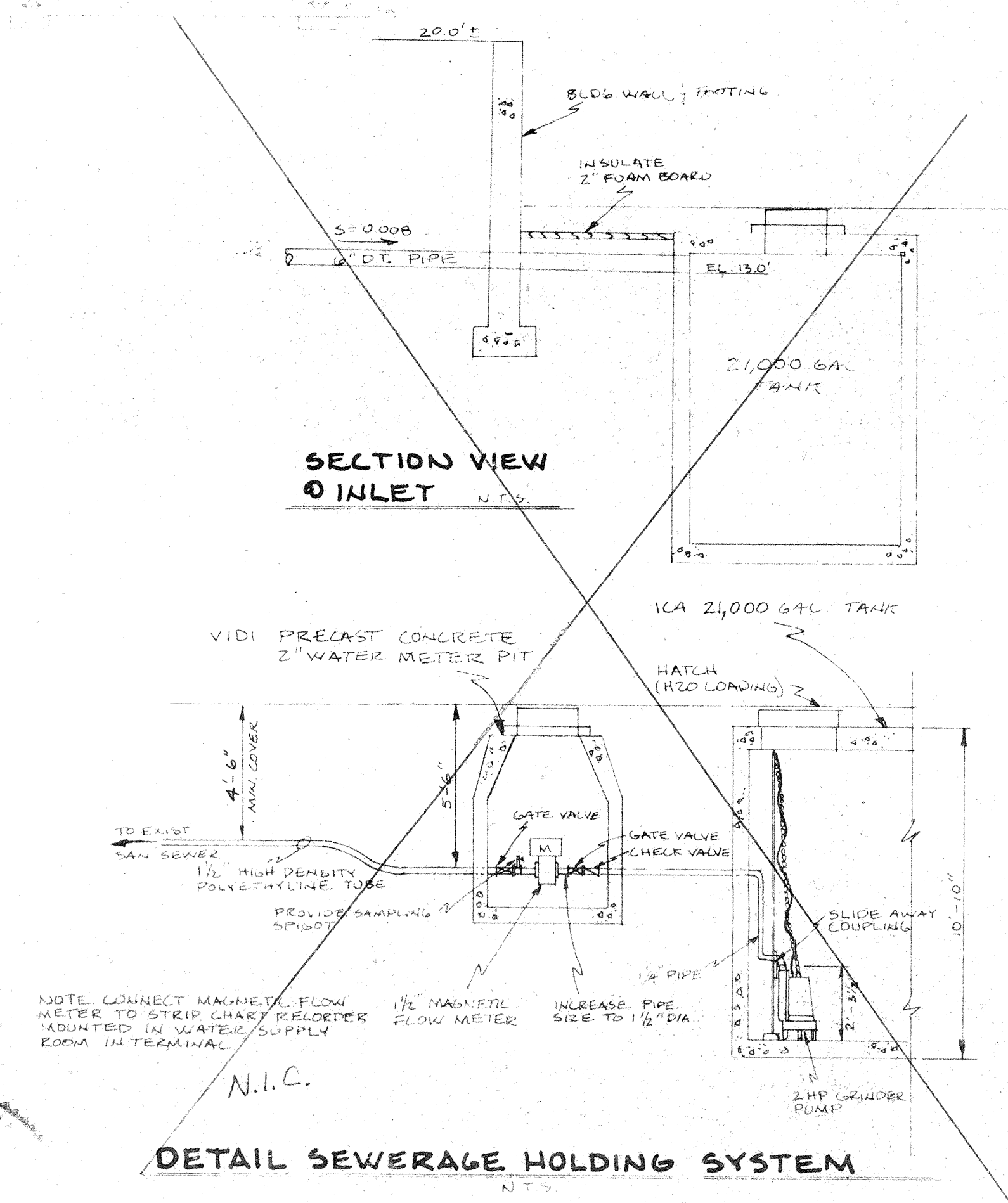
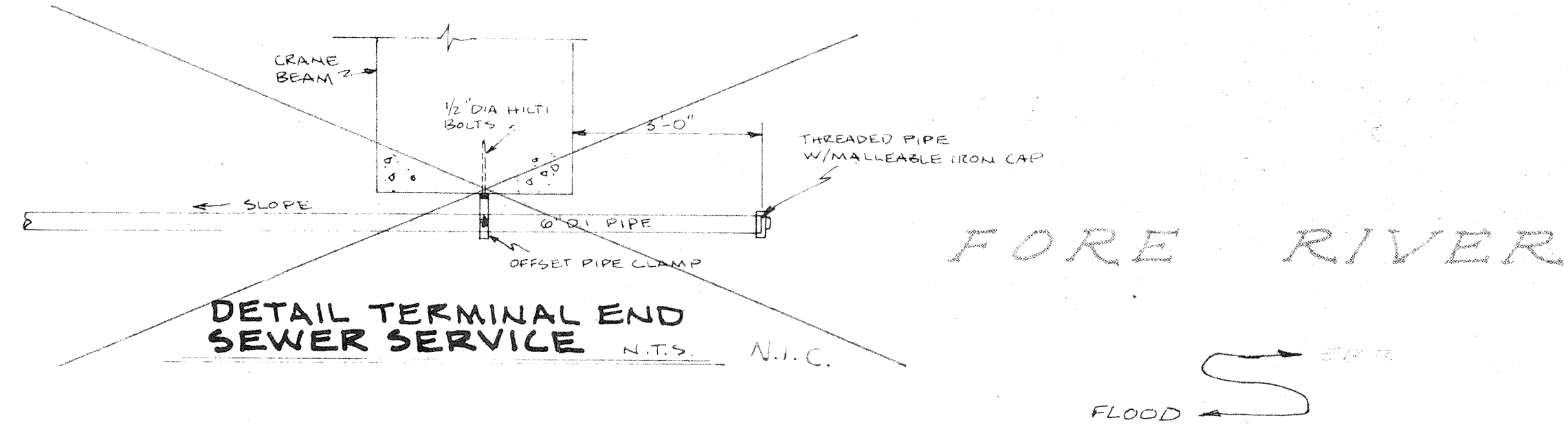
NOTE:
Contractor shall verify all dimensions



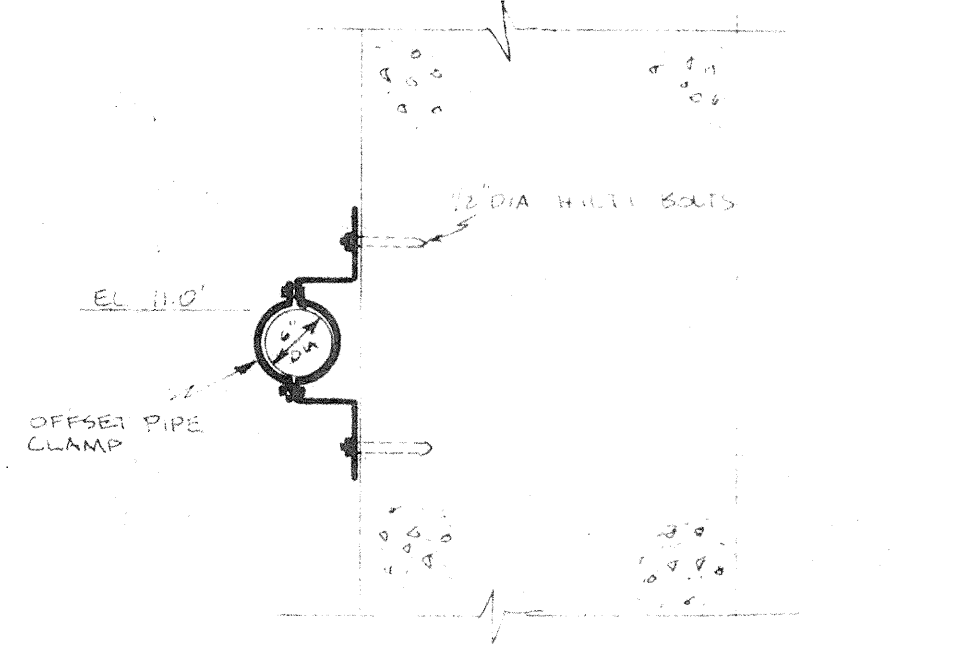
-LEGEND-

SURVEY CONTROL POINT	△ "N"
GRID INTERSECTIONS	+
WIDE FLANGE BEAM (BELOW DECK)	I
WIDE FLANGE BEAM (ABOVE DECK)	⊕
STONE SEA WALL	—
METAL FENCE	— X —
GAS MAIN	G
ELECTRICAL CONDUIT	EC
BORING	⊙
WATER MAIN	W
FUEL LINE	F
GATE VALVE	⊗
BOLLARD	⊙
ELEVATION BELOW PIER	(19.90)
ELEVATION ABOVE PIER	19.90
GUARD RAIL	—

- NOTES -
1. ELEVATIONS BASED ON M.D.O.T. DISK IN RET. WALL, NW CORNER OF EXISTING CONCRETE PIER EL. 19.97' MLW = 0.0'

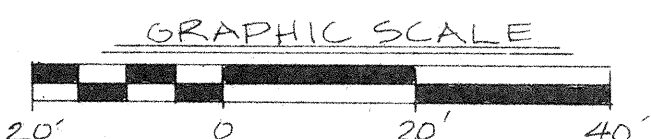


WATER MAIN HANGER DETAIL
N.T.S.



WATER MAIN FASTENING DETAIL
N.T.S.

DETAIL SEWERAGE HOLDING SYSTEM
N.T.S.



SCALE: 1" = 20'

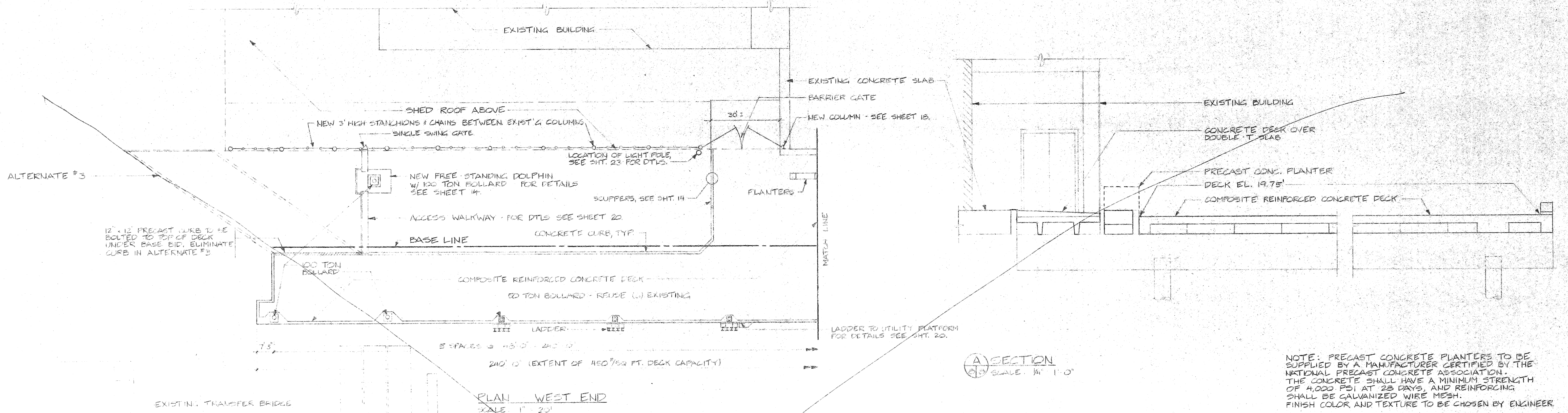
RECORD DRAWING
LAYOUT & UTILITIES

INTERNATIONAL FERRY
TERMINAL RECONSTRUCTION

CITY OF PORTLAND, PORTLAND ME.

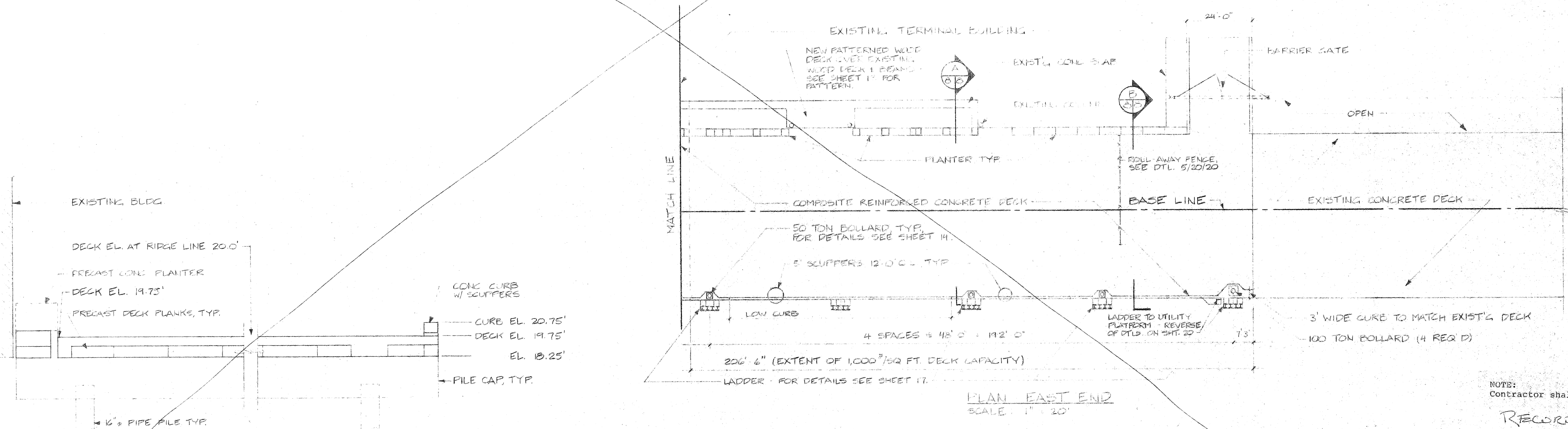
TEC ASSOCIATES CONSULTING ENGINEERS
150 Front Street South Portland, Maine 04106

SCALE AS NOTED	DATE 8.28.92
JOB NO. 9273	DRAWN BY J.D.
REV NO.	REV NO.
DRAWN BY	DRAWN BY



NOTE: PRECAST CONCRETE PLANTERS TO BE SUPPLIED BY A MANUFACTURER CERTIFIED BY THE NATIONAL PRECAST CONCRETE ASSOCIATION. THE CONCRETE SHALL HAVE A MINIMUM STRENGTH OF 4,000 PSI AT 28 DAYS, AND REINFORCING SHALL BE GALVANIZED WIRE MESH. FINISH COLOR AND TEXTURE TO BE CHOSEN BY ENGINEER.

NOTE: CONTRACTOR SHALL SUBMIT SHOP DRAWINGS OF GATES AND ROLL-AWAY FENCE FOR APPROVAL.



NOTE: Contractor shall verify all dimensions.

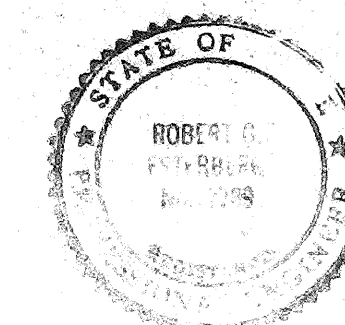
RECORD DRAWING
BASE BID
GENERAL ARRANGEMENT

INTERNATIONAL FERRY
TERMINAL RECONSTRUCTION
CITY OF PORTLAND, PORTLAND ME.

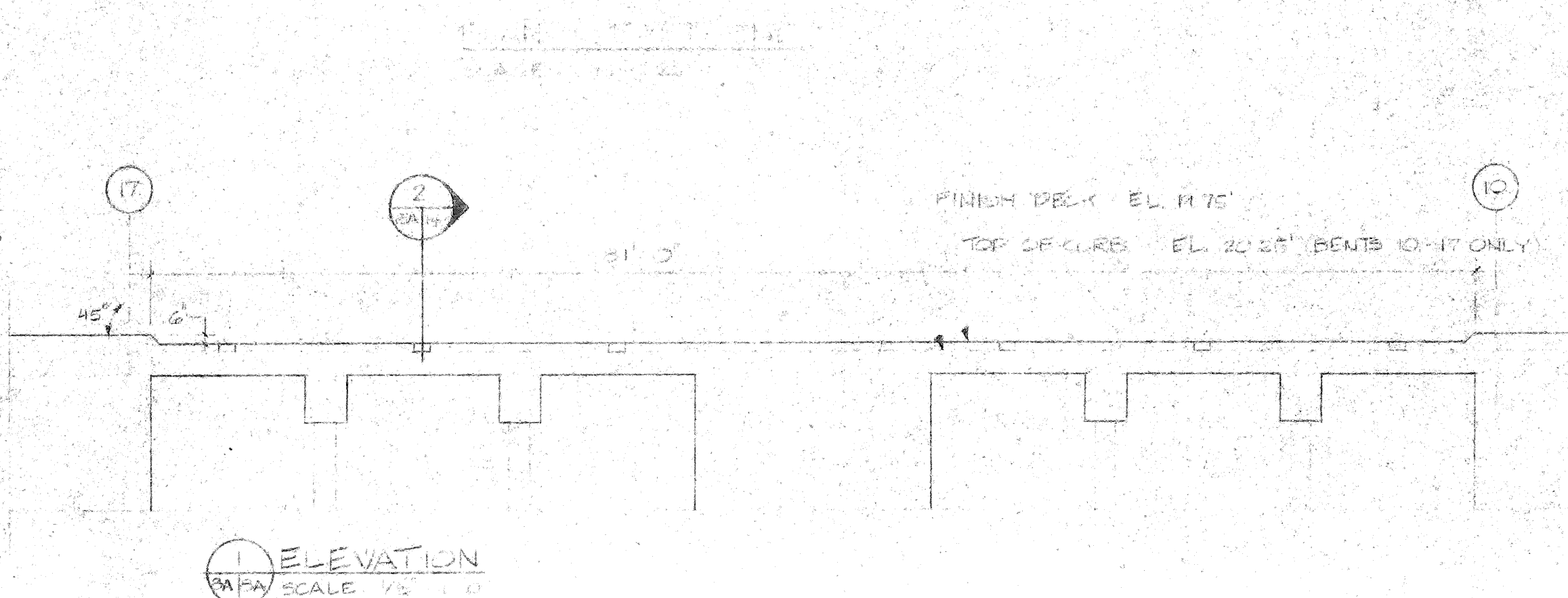
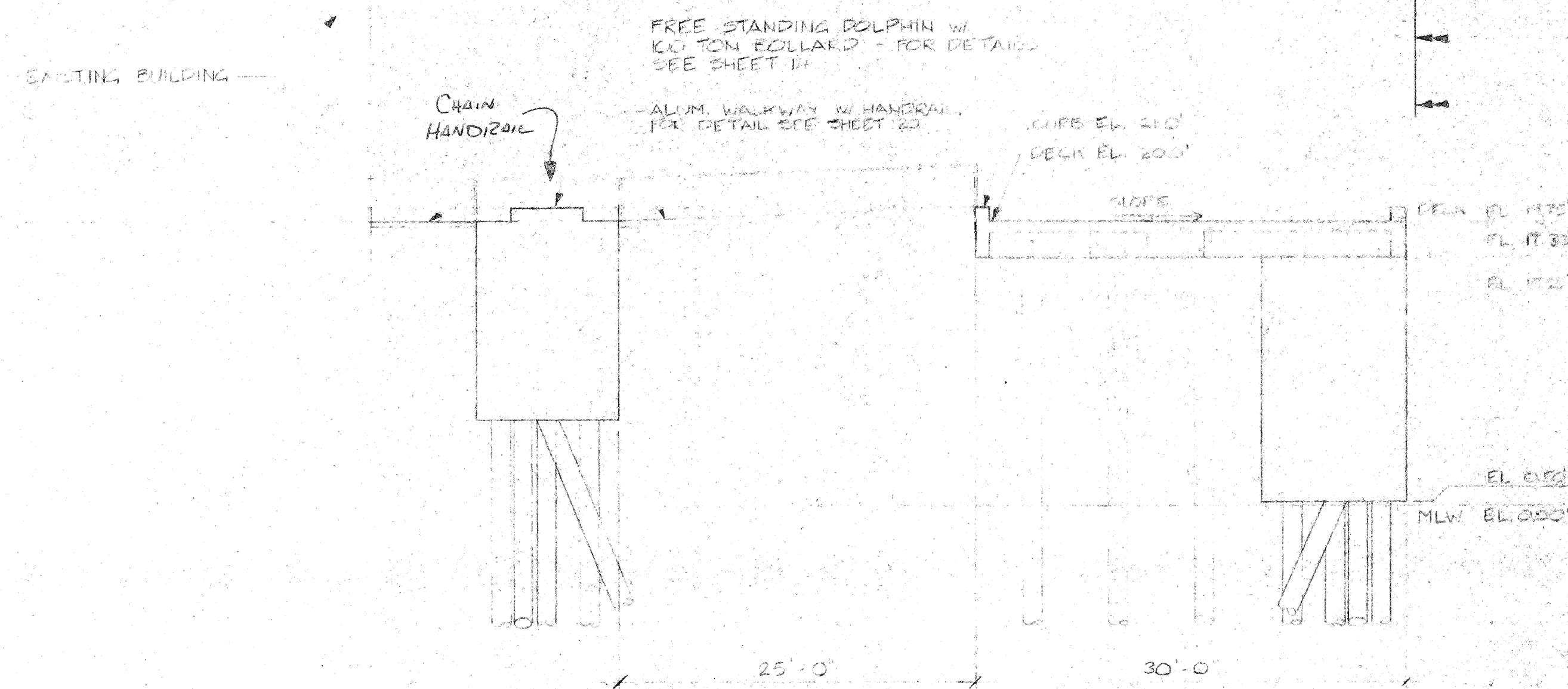
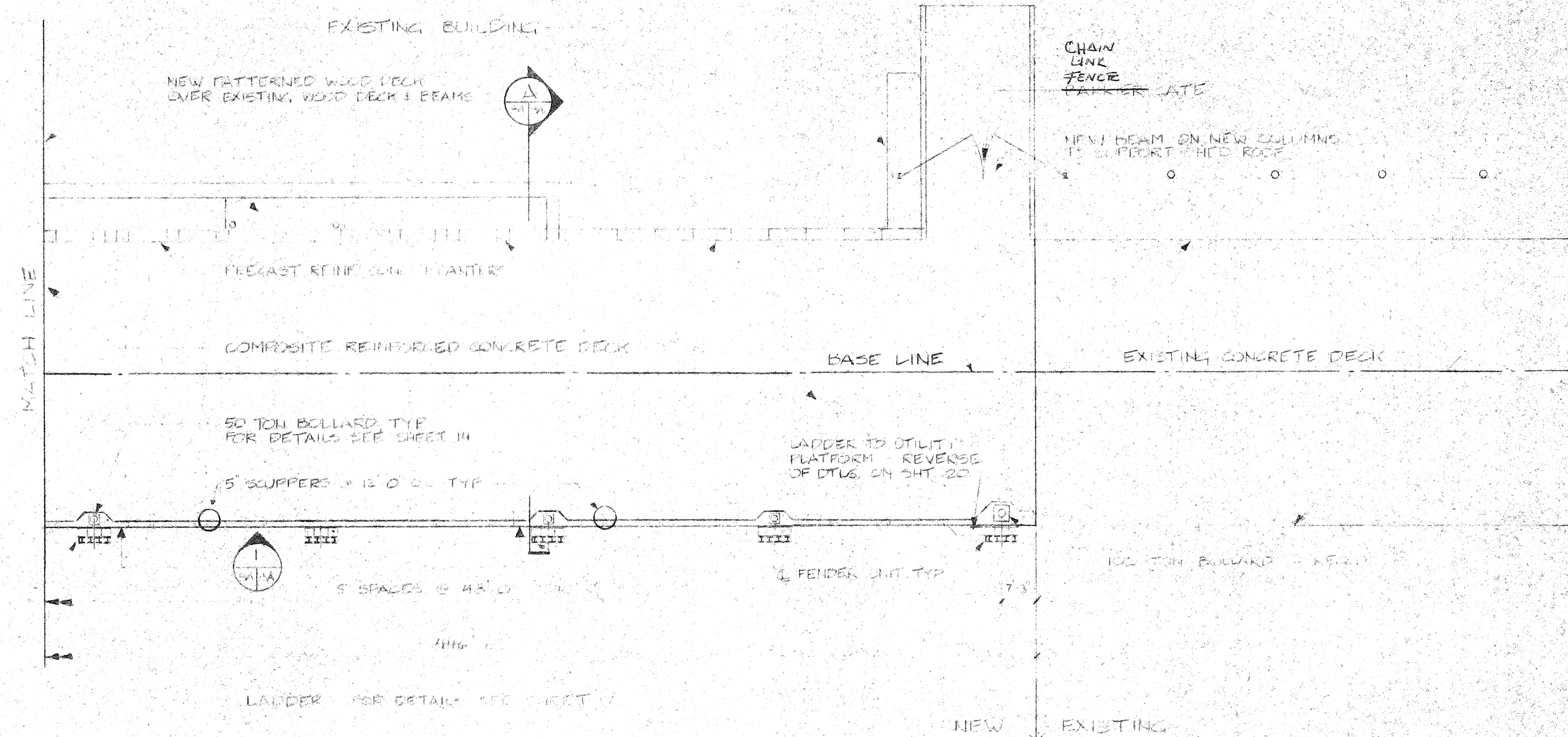
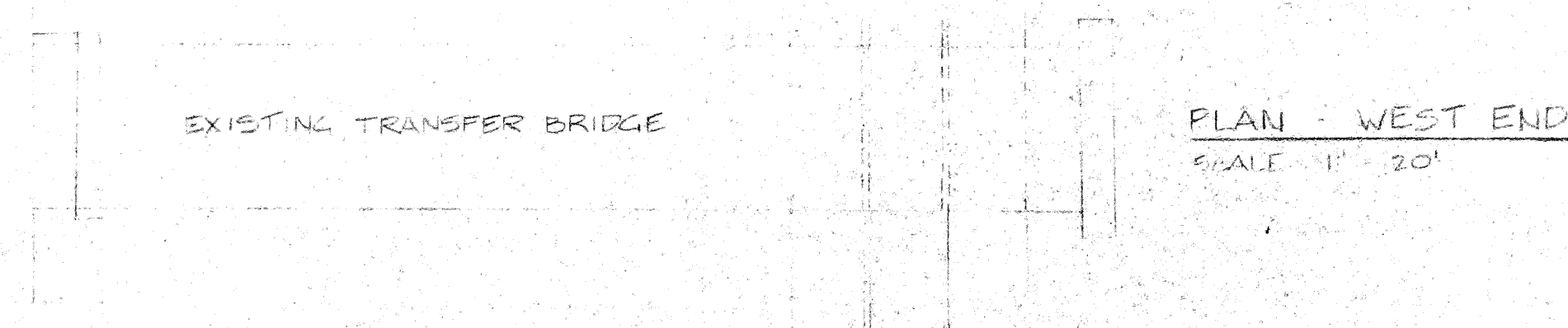
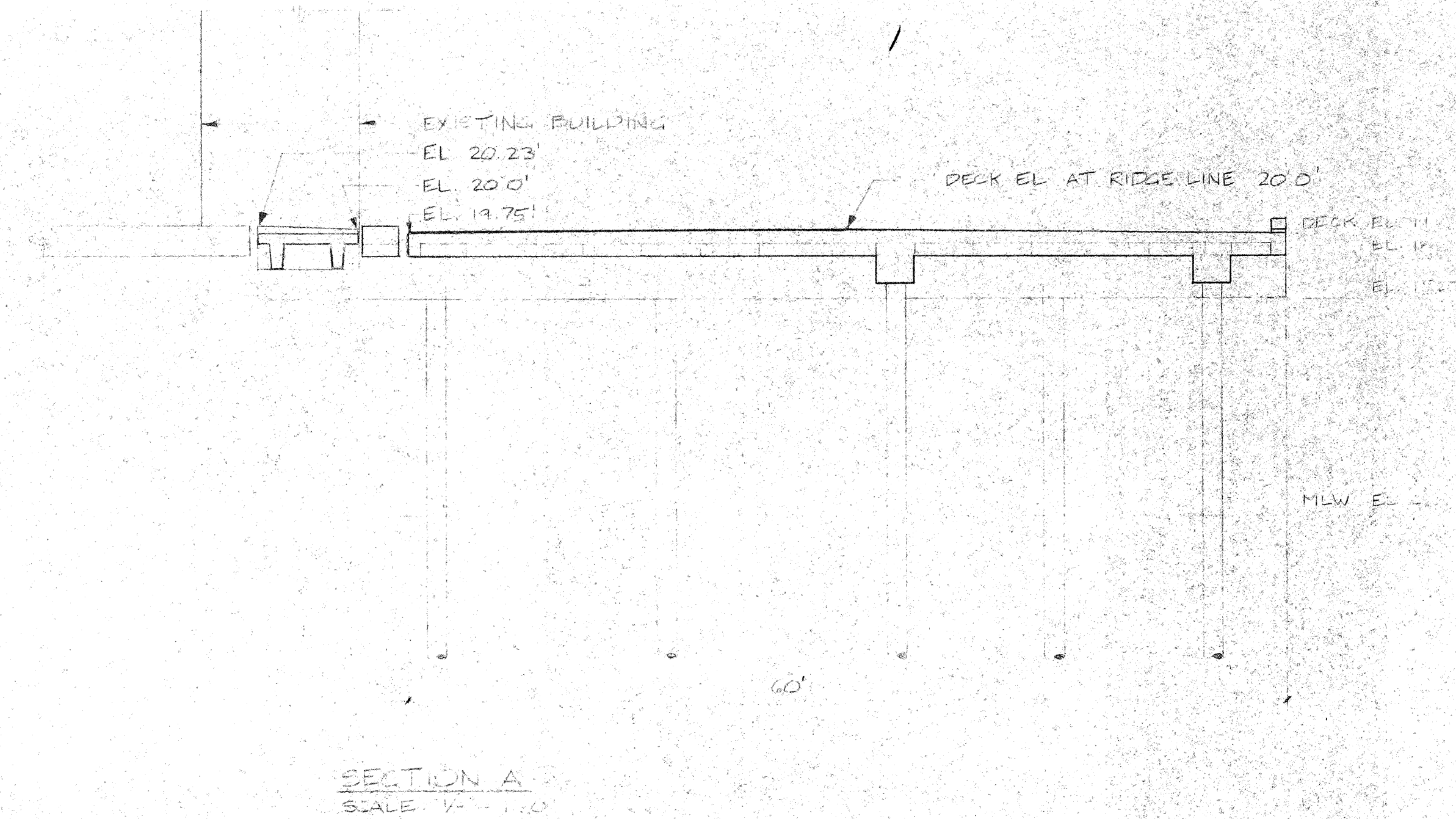
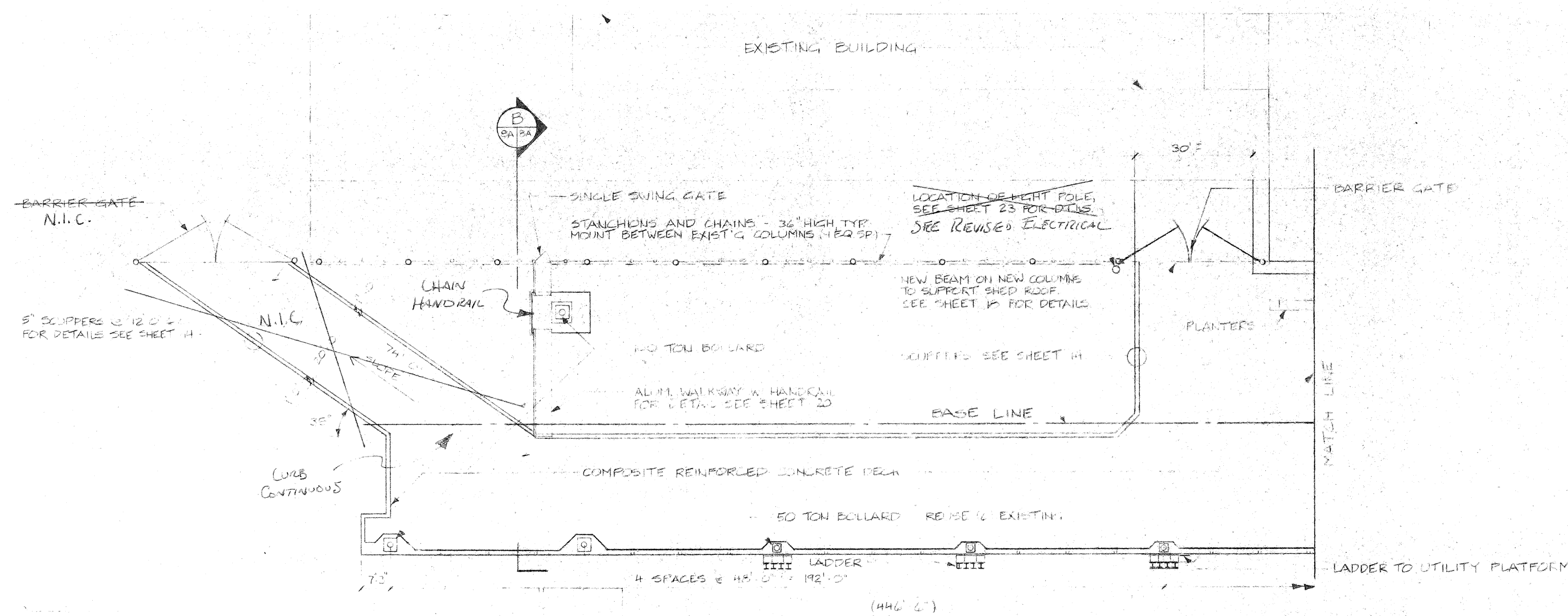
TEC ASSOCIATES CONSULTING ENGINEERS
169 Front Street South Portland, Maine 04106

SCALE AS NOTED DATE 7/18/92

JOB NO. 9213 DRAWN BY JS REV. NO. 8 DRWG NO.



NOT USED



NOTE:
Contractor shall verify all dimensions

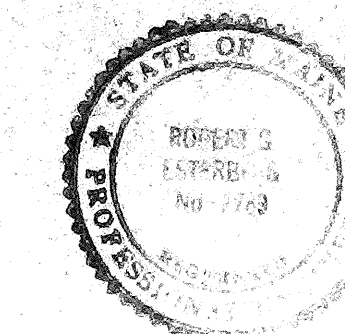
RECORD DRAWING
ALTERNATES 1 & 2
GENERAL ARRANGEMENT

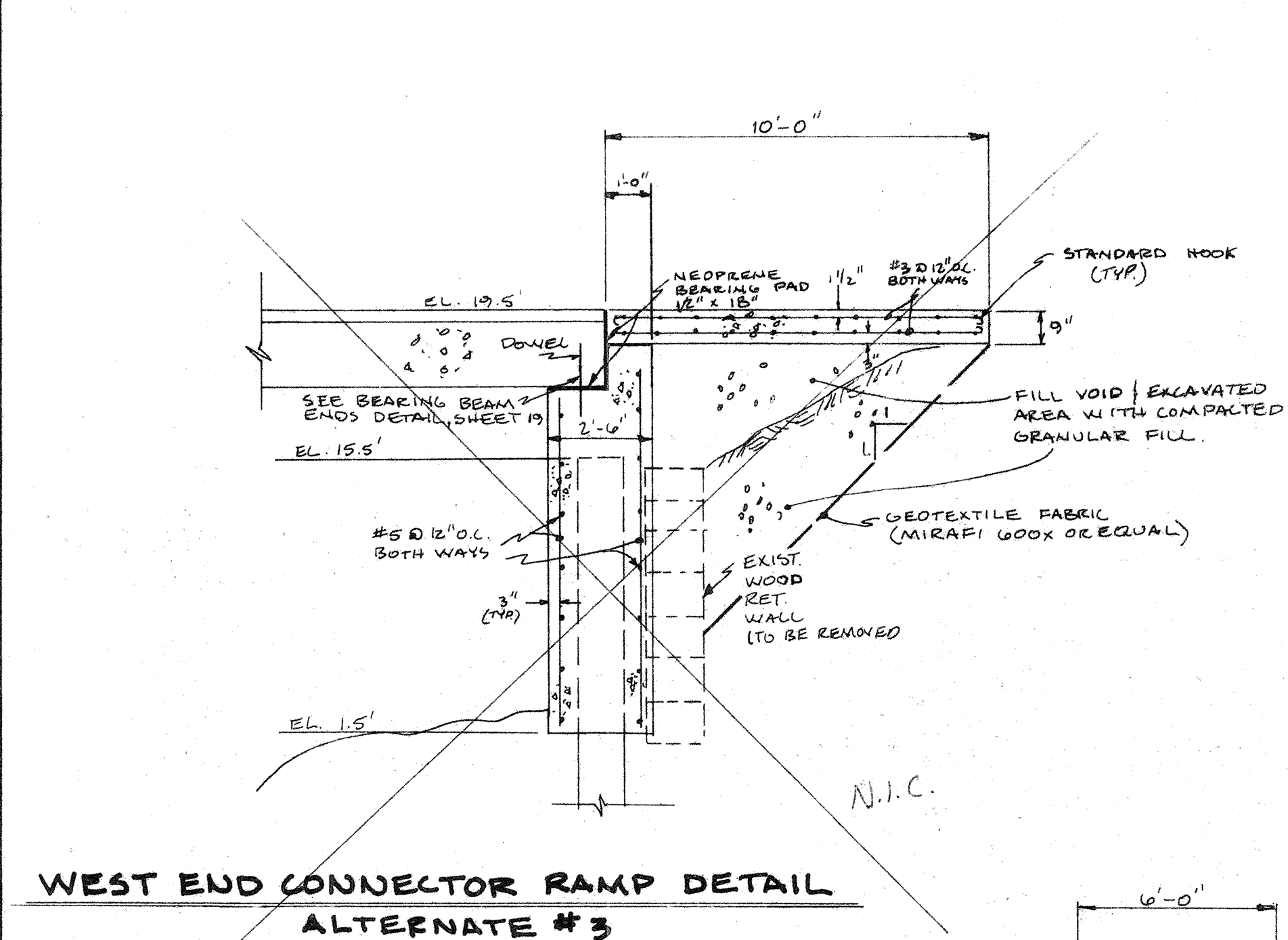
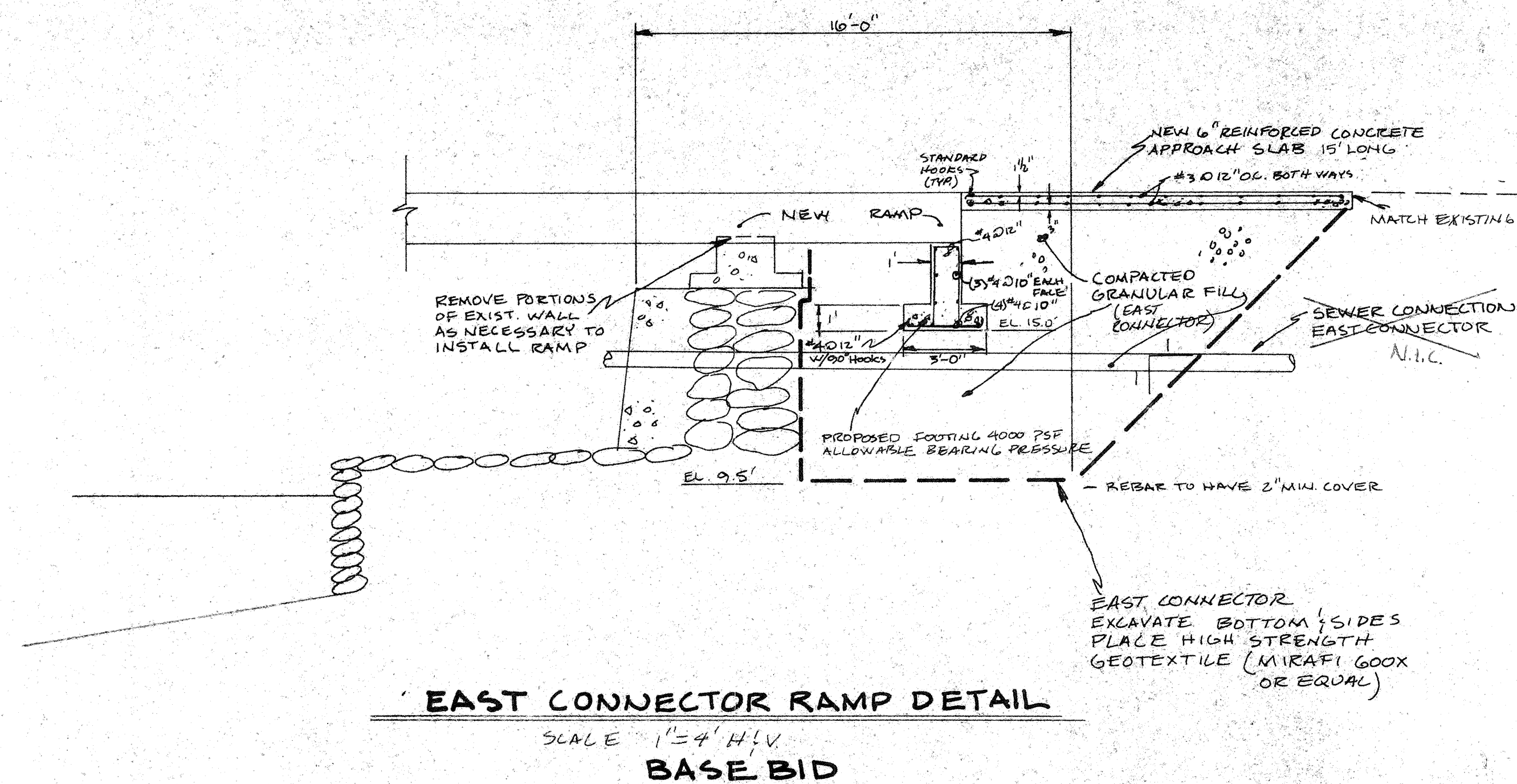
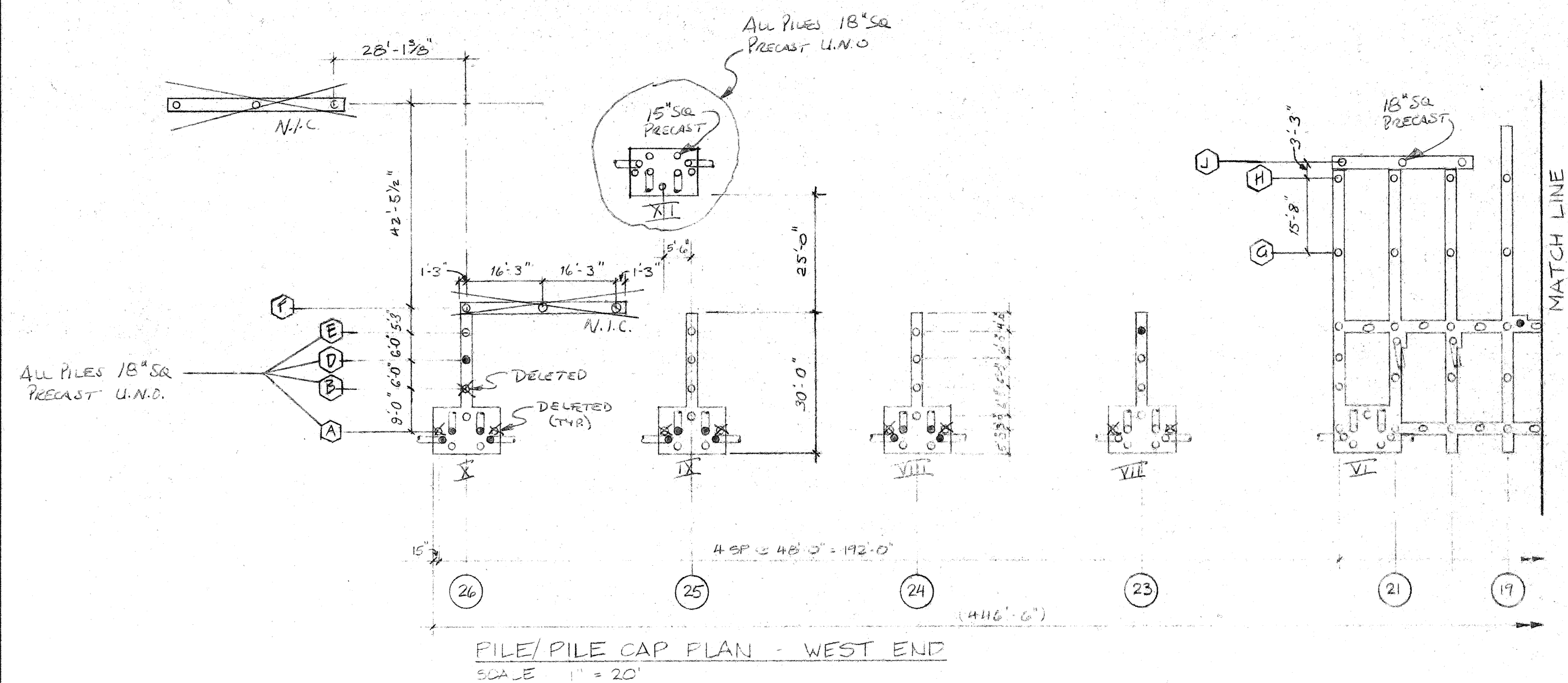
INTERNATIONAL FERRY
TERMINAL RECONSTRUCTION
CITY OF PORTLAND, PORTLAND ME

TEC ASSOCIATES CONSULTING ENGINEERS
169 Front Street South Portland, Maine 04106

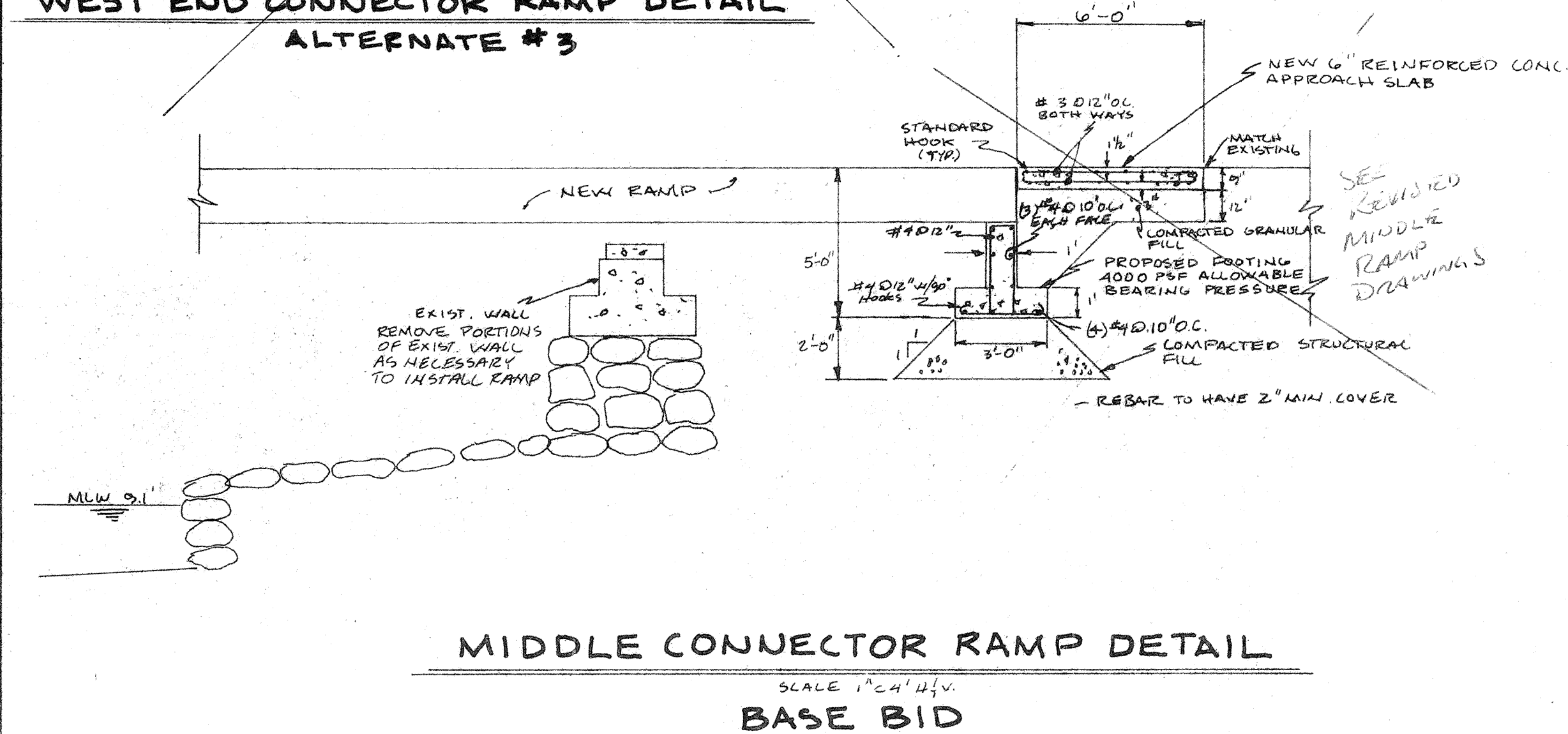
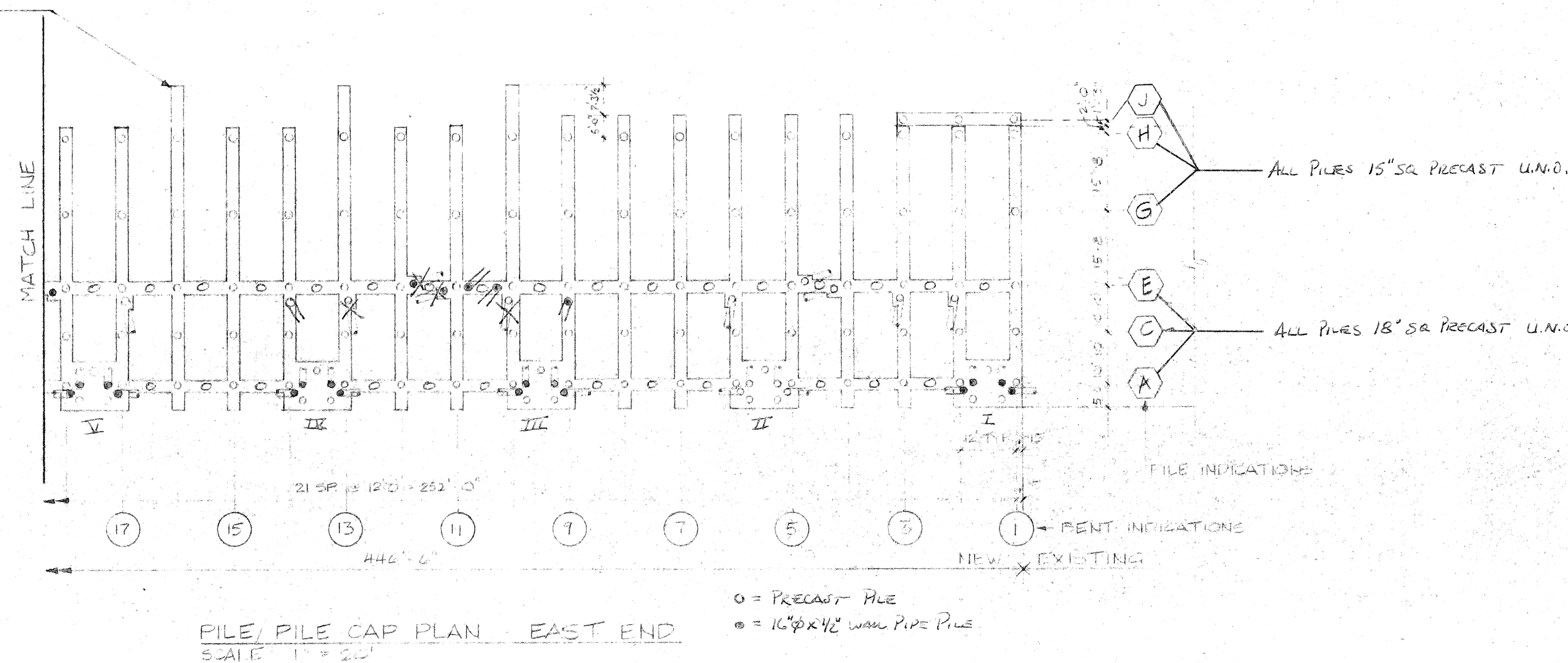
SCALE AS NOTED DATE 9/15/92

JOB NO. 0213 DRAWN BY JF REV NO. 3A





CONCRETE PILE CAP, TYP FOR DETAILS SEE SHT. 10



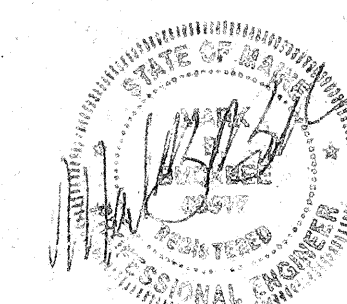
○ = PRECAST PILE
● = 16" x 4" WALL PIPE PILE

RECORD DRAWING
ALTERNATES 1 & 3
PILE/PILE CAP PLAN

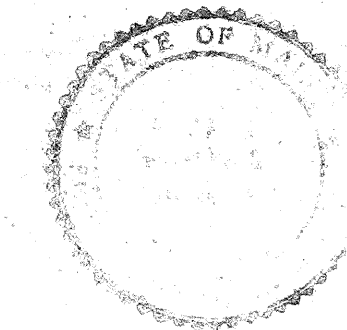
INTERNATIONAL FERRY
TERMINAL RECONSTRUCTION
CITY OF PORTLAND, PORTLAND ME

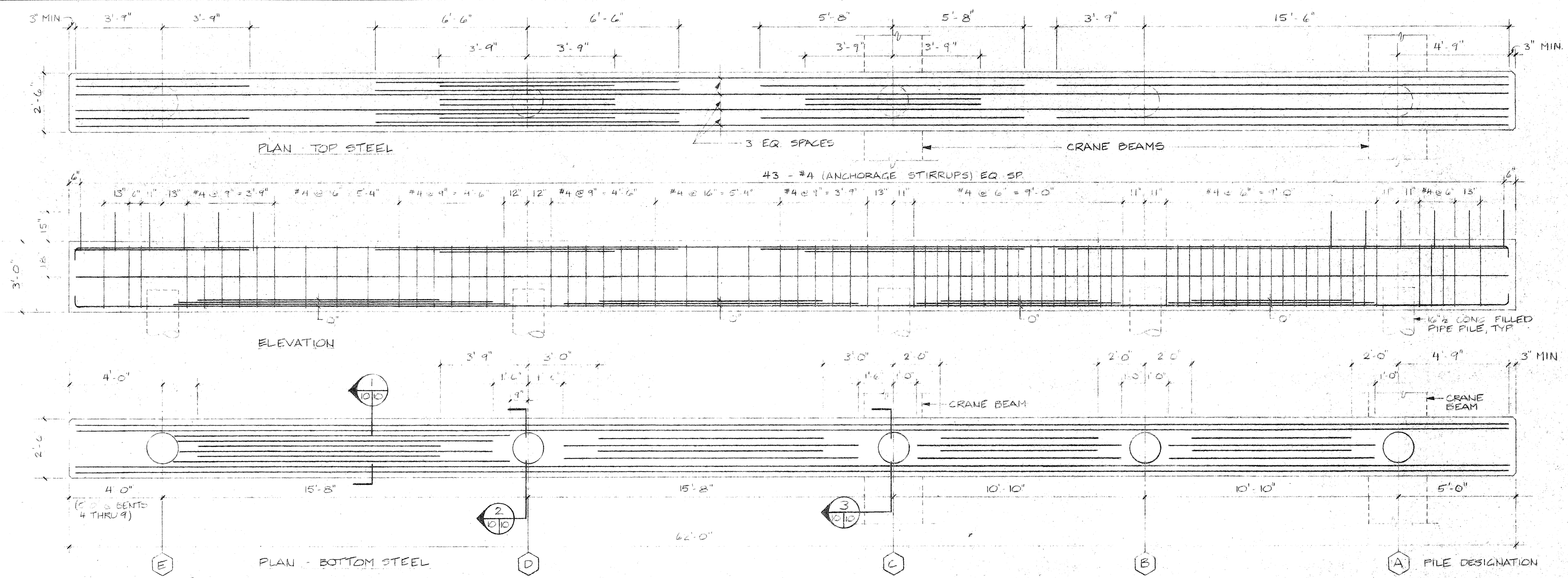
TEC ASSOCIATES CONSULTING ENGINEERS
169 Front Street South Portland, Maine 04106

SCALE AS NOTED	DATE 9/13/92
JOB NO. 9213	DRWN BY 10
REV. NO.	DRWG NO. 2A

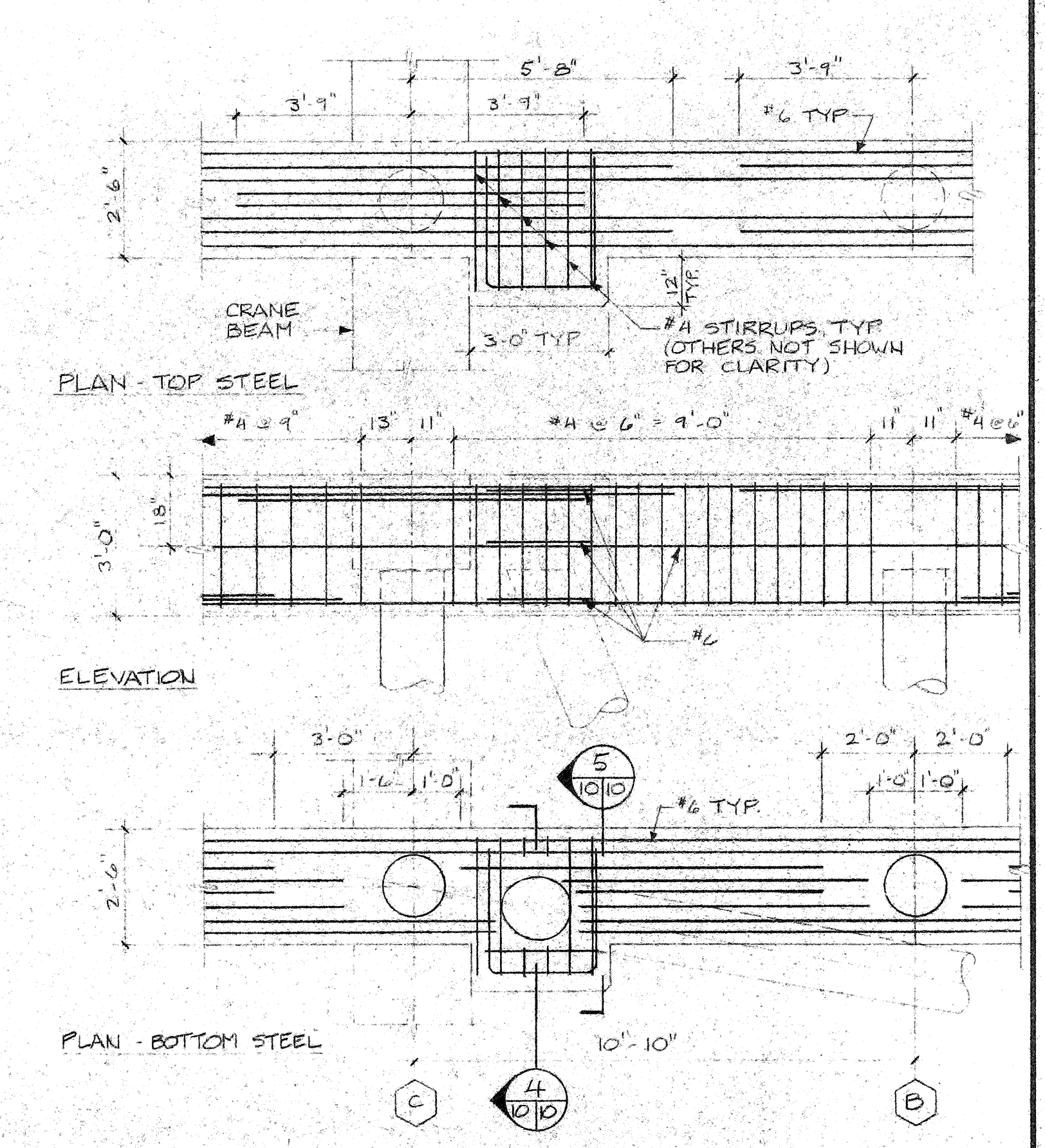
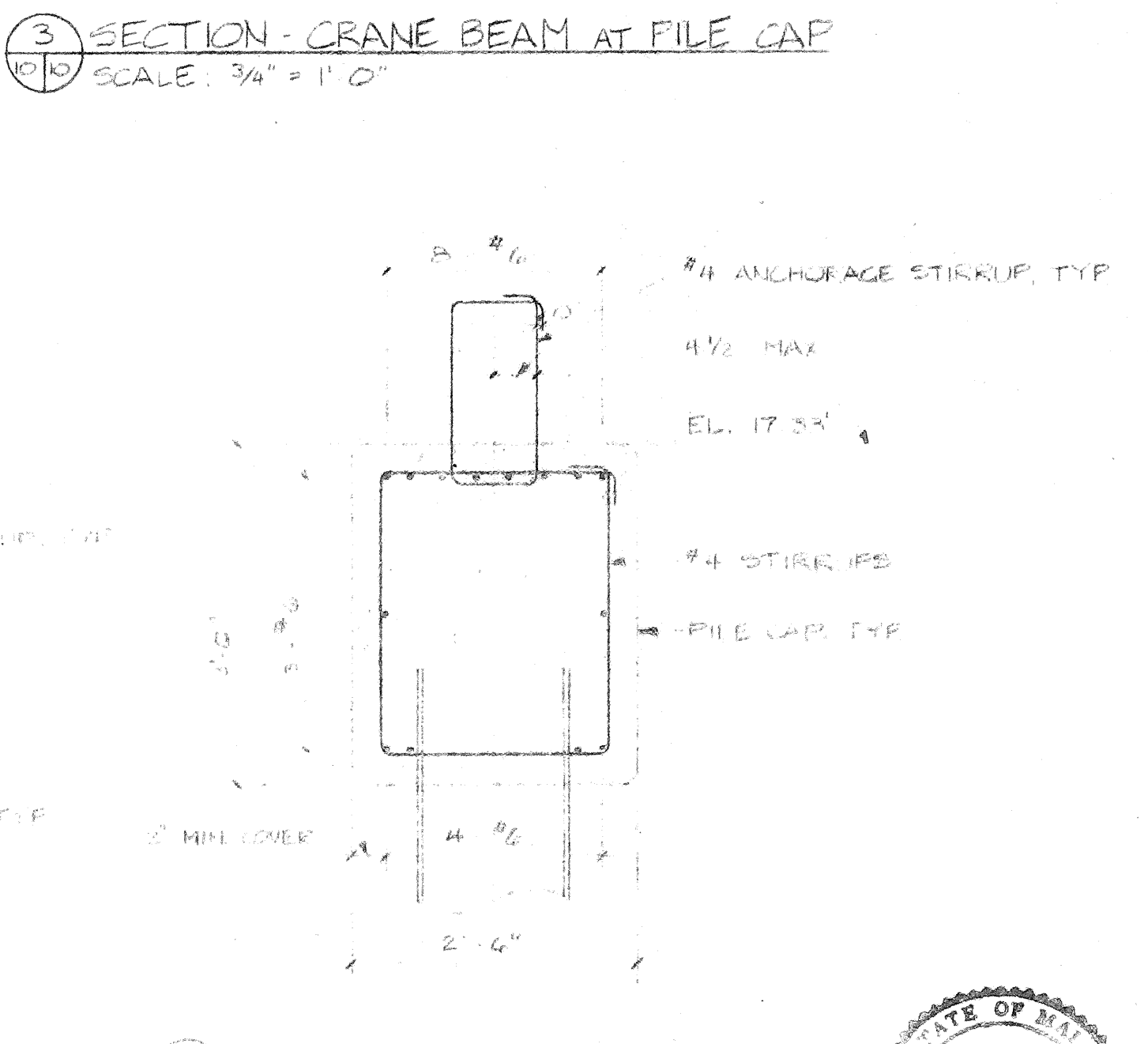
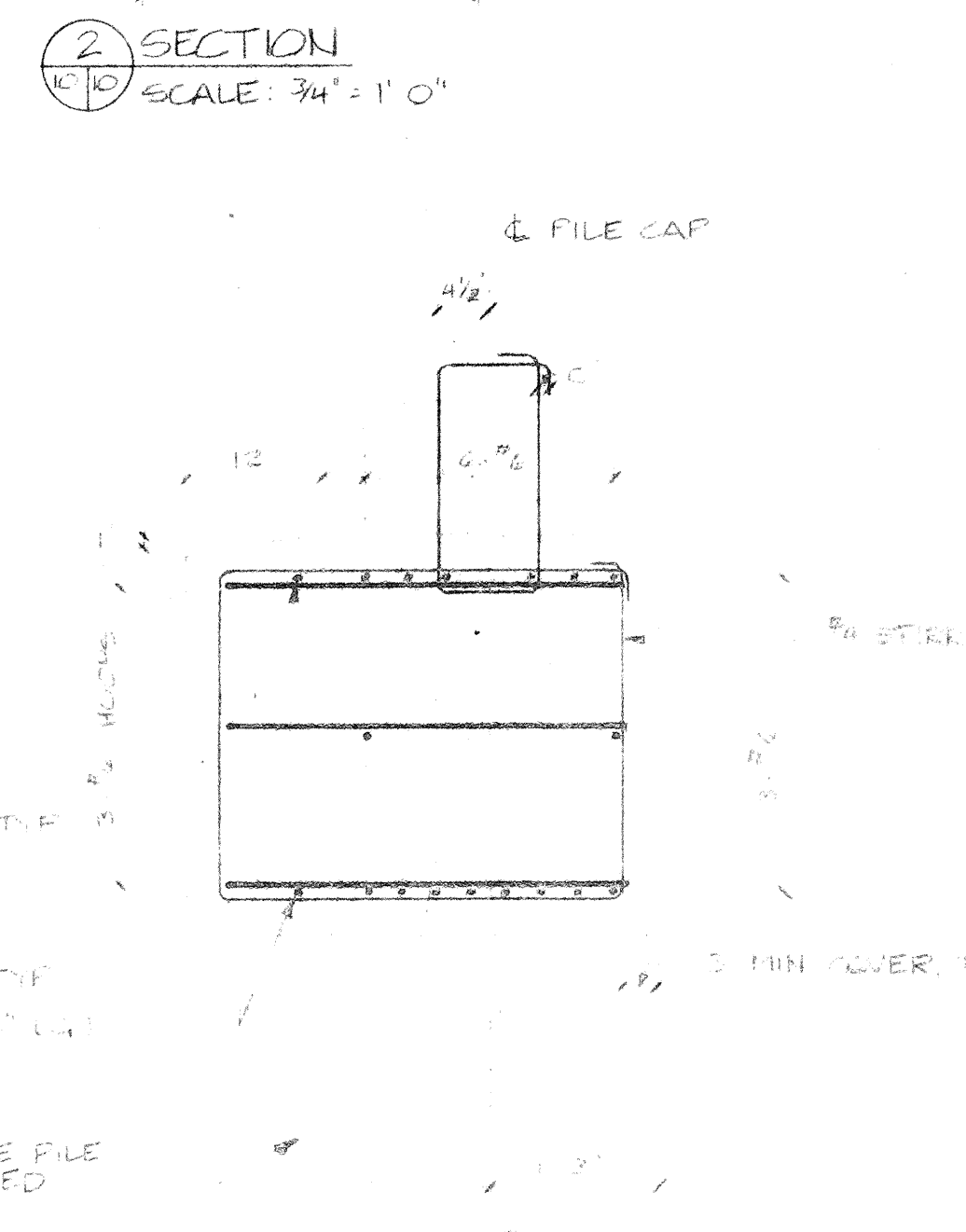
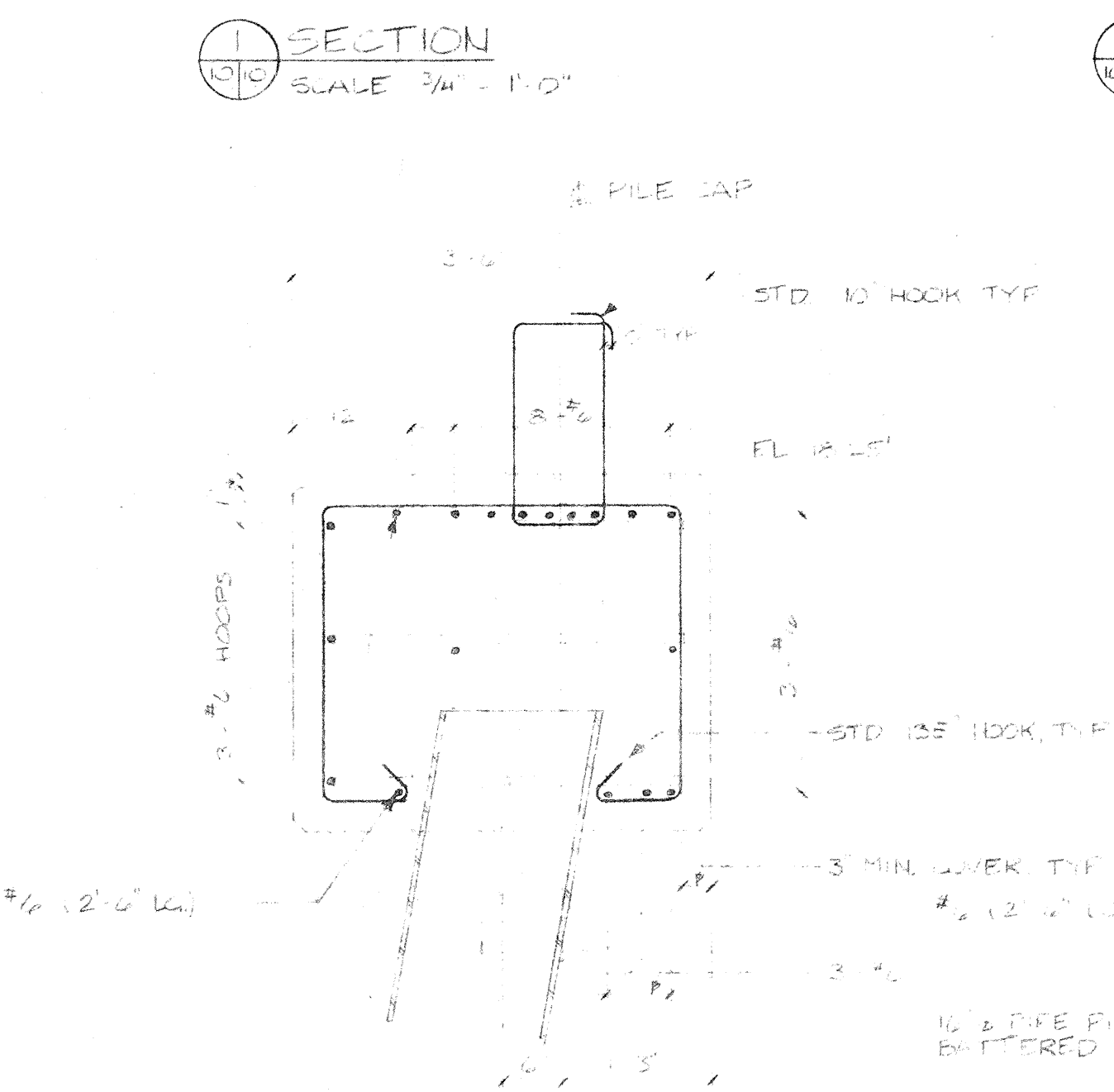
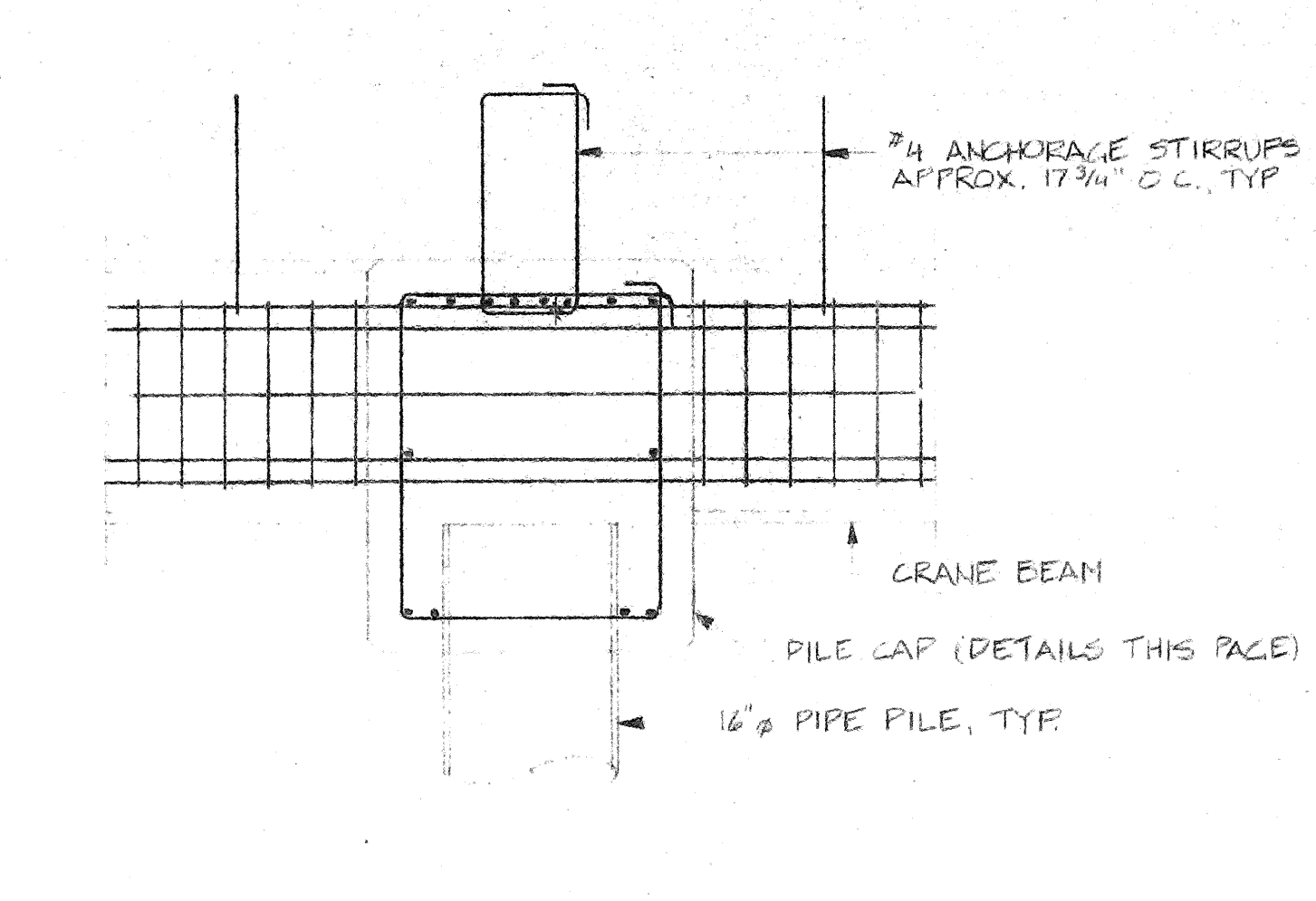
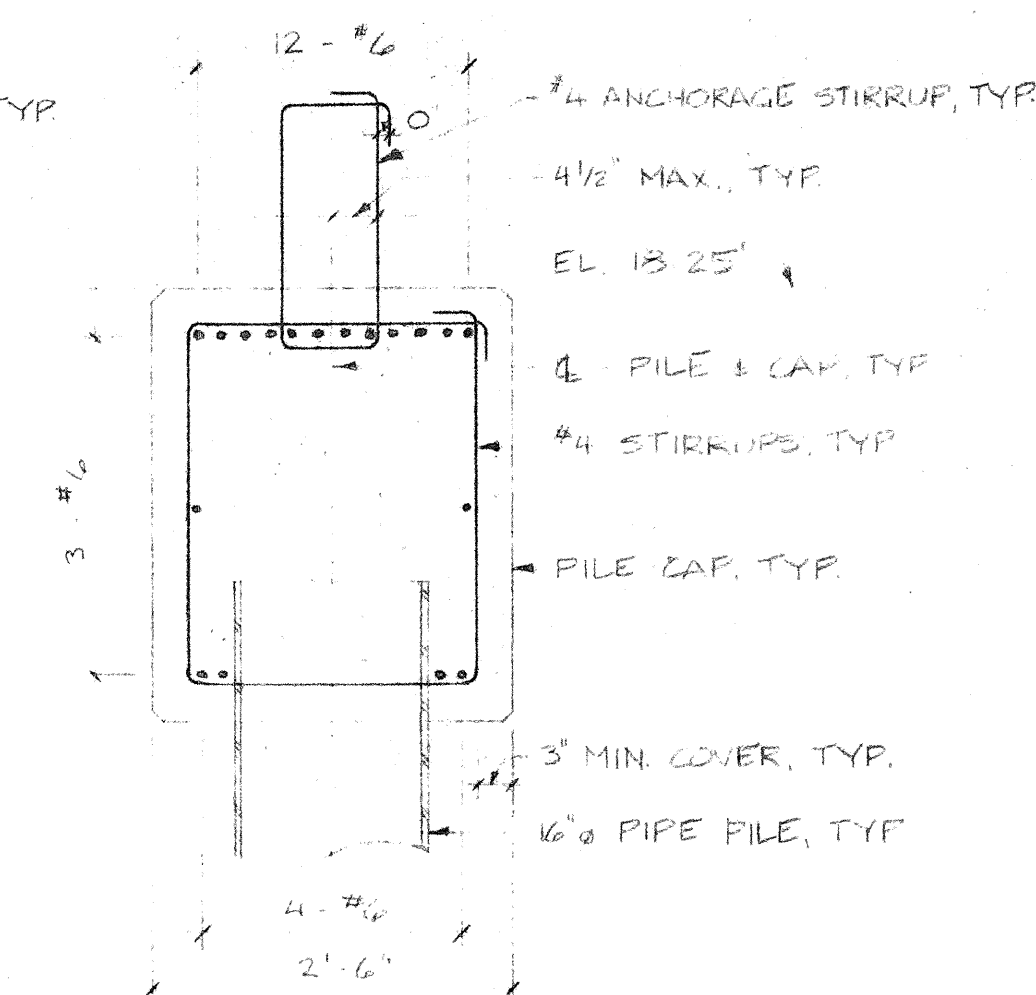
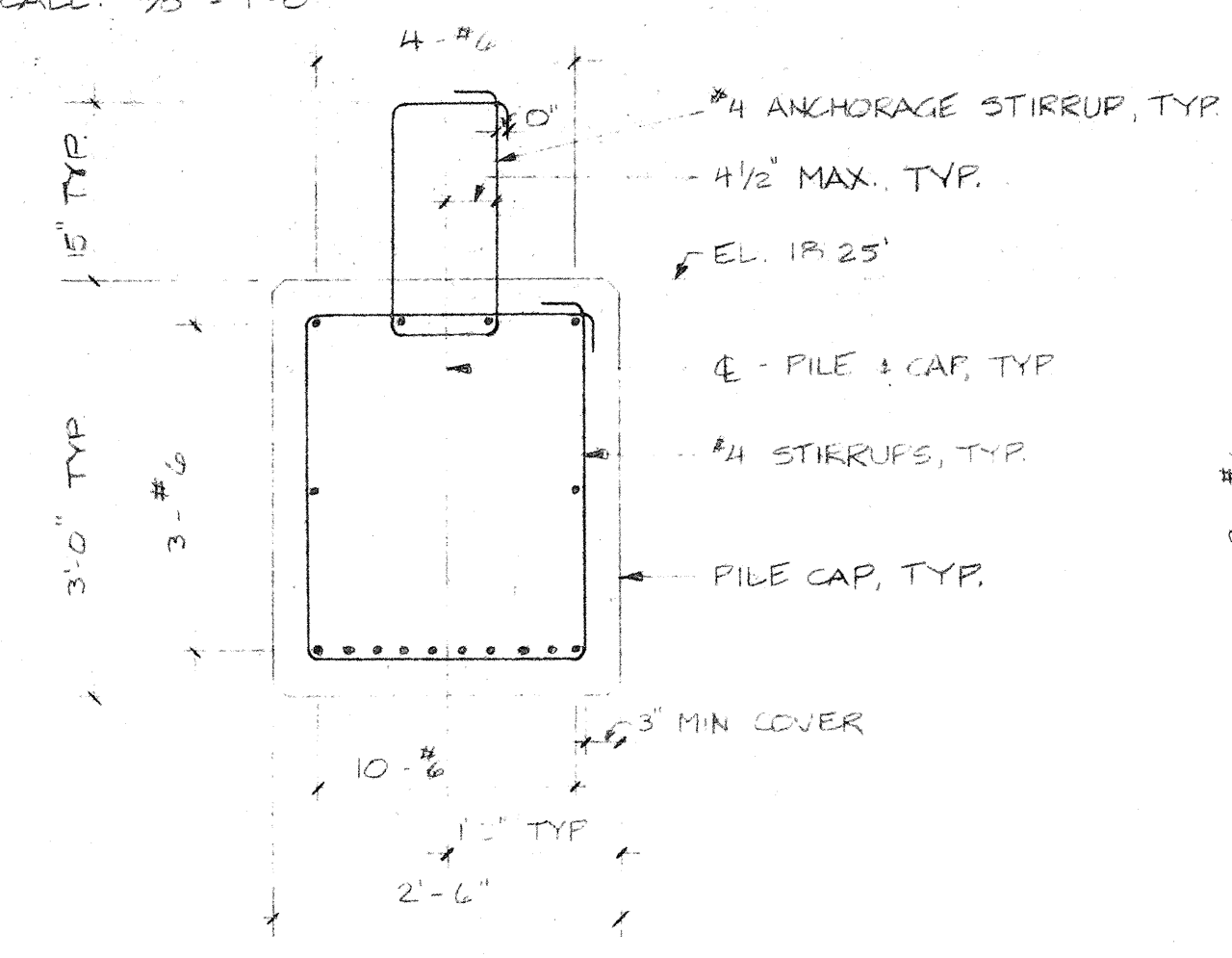


FOR AS-BUILT
PILE LOCATION
ONLY

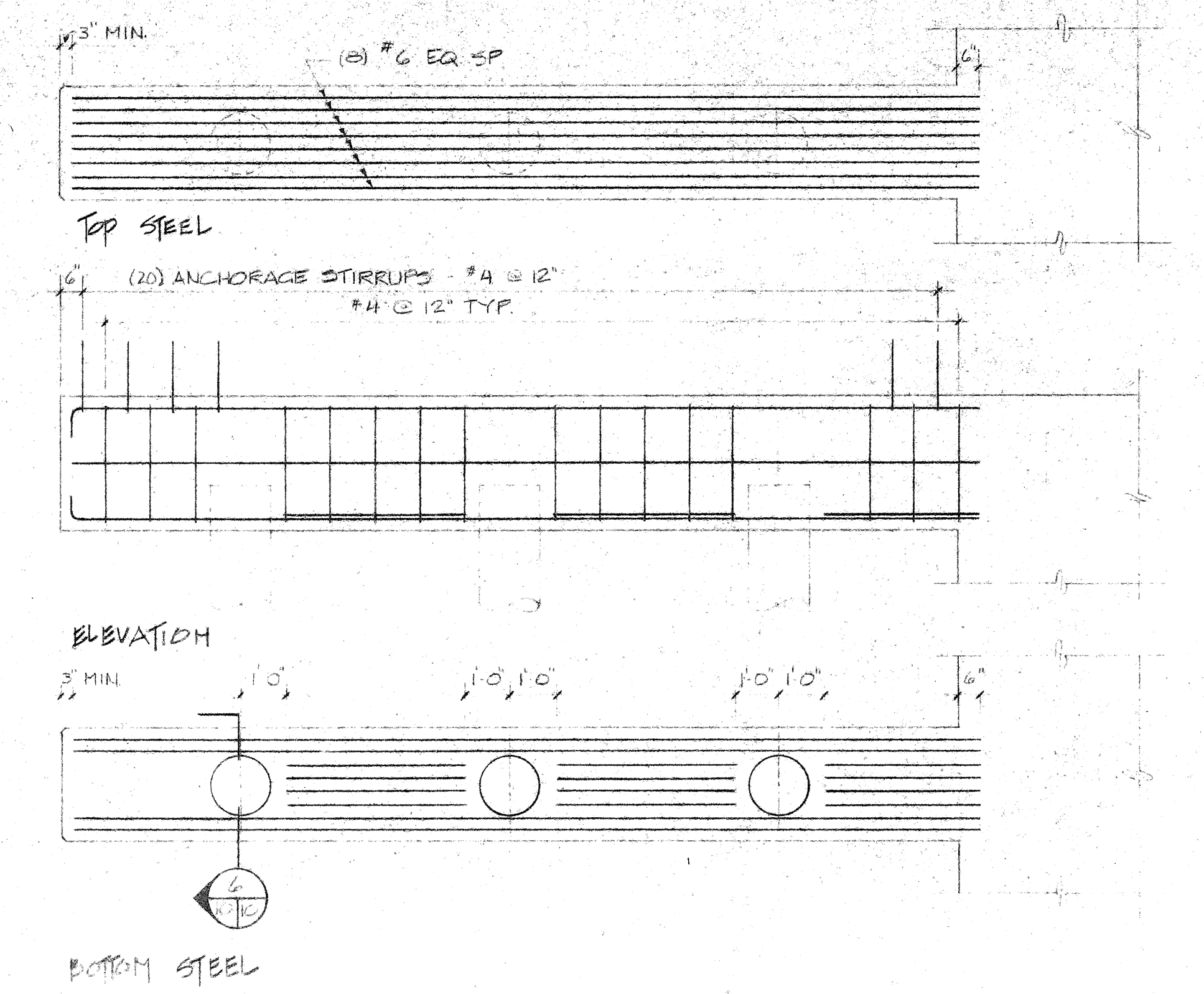




FILE CAP DETAILS - EAST END
SCALE: 3/8" = 1'-0"



PILE CAP AT BATTER - DETAILS
SCALE: 3/8" = 1'-0"



FILE CAP DETAILS - WEST END
SCALE: 3/8" = 1'-0"

- Note:
- 1) Piles shall be A252 Grade B steel seamless or ERW with fusion bonded epoxy coating and concrete fill.
 - 2) Concrete shall have a compressive strength of 4000 psi @ 28 days.
 - 3) Reinforcing shall be grade 60 epoxy coated and conform to ASTM A615 and A775.
 - 4) Chamfer all edges 1" @ 45° except where noted.
 - 5) Minimum concrete coverage over reinforcing shall be 3".
 - 6) Splicing of reinforcement: #6 bars - 24" #4 bars - 12"

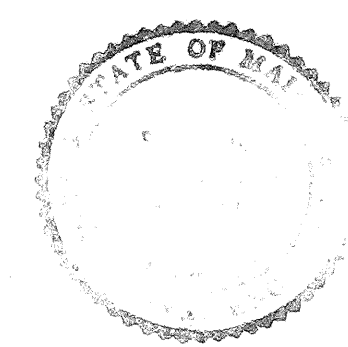
NOTE:
Contractor shall verify all dimensions

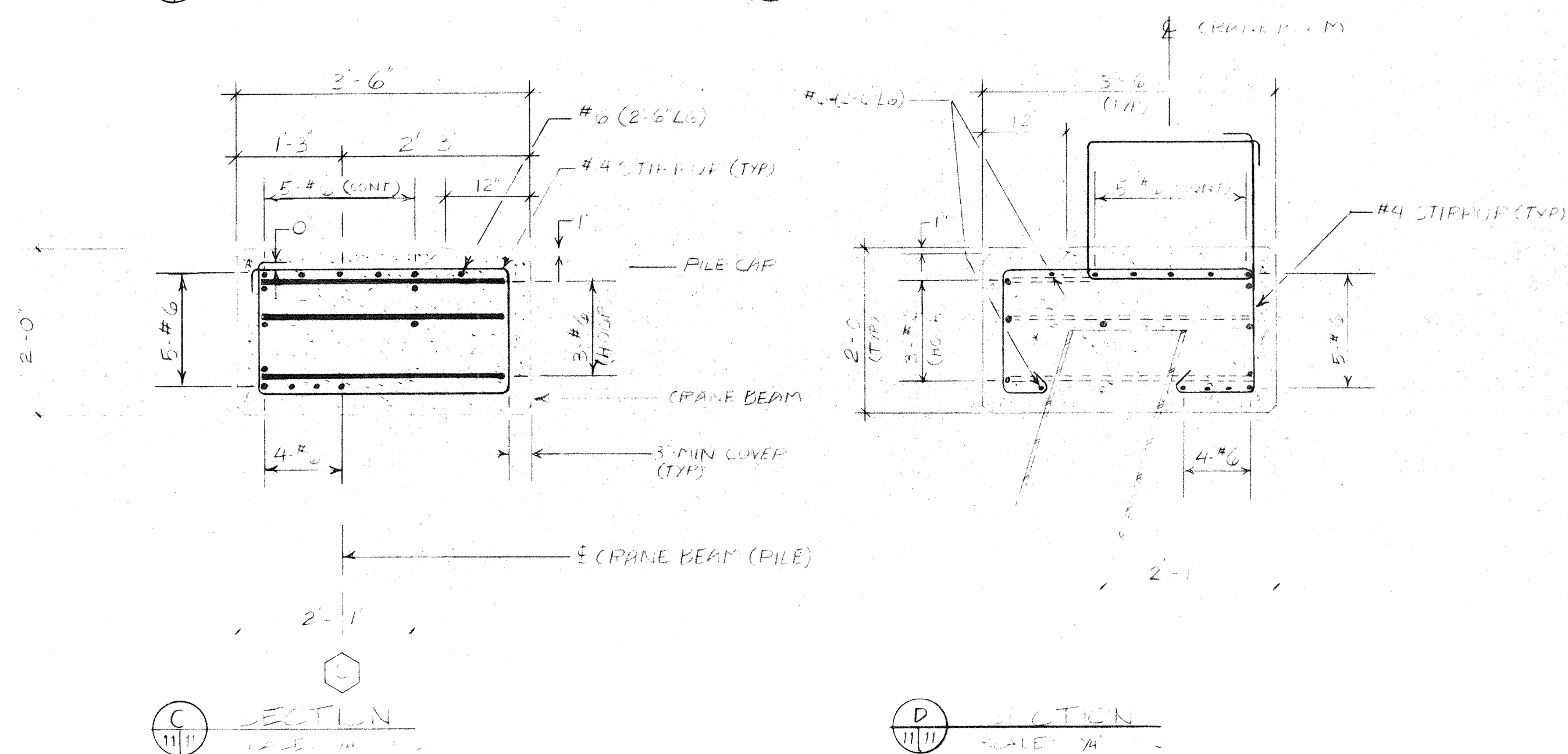
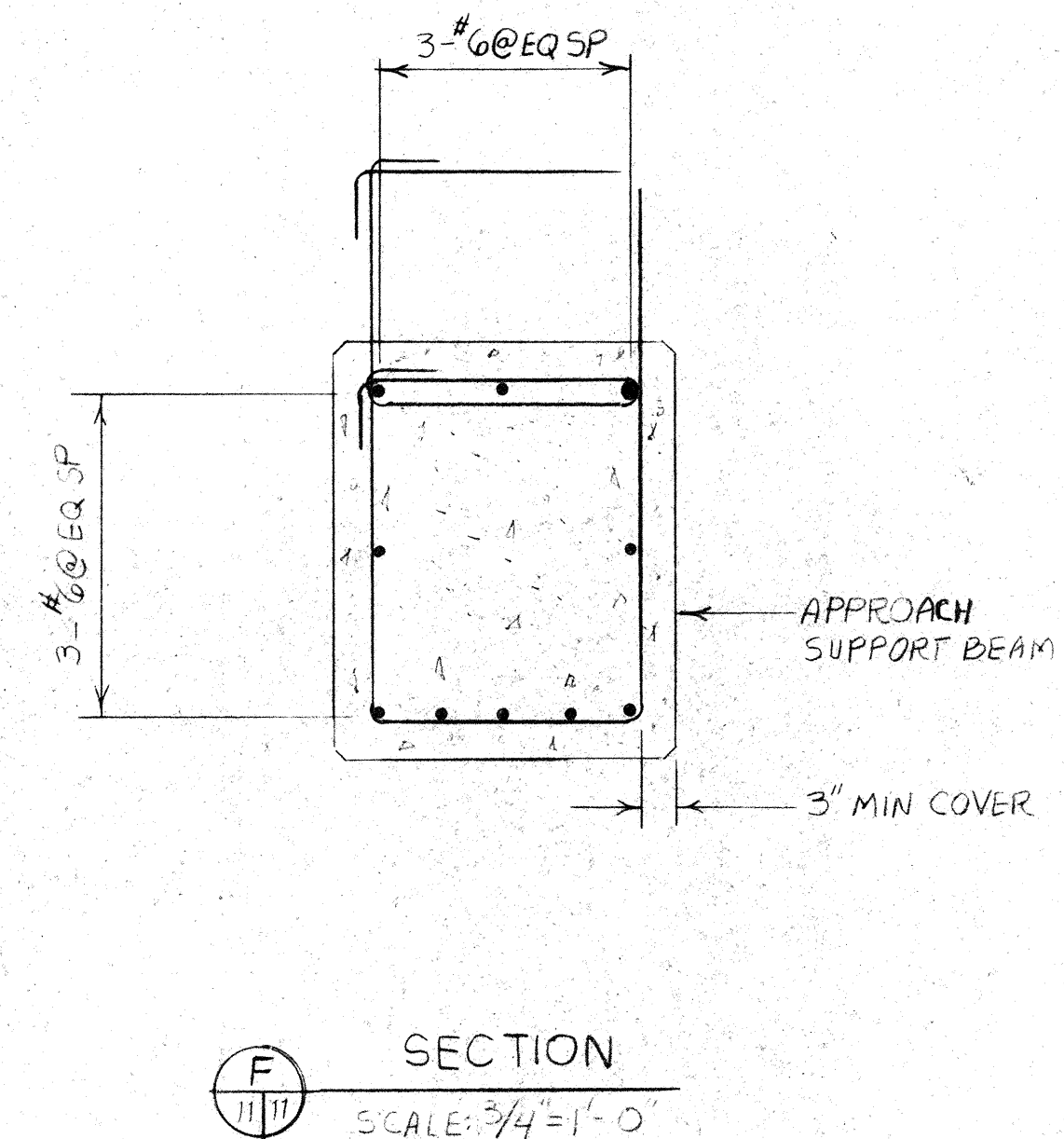
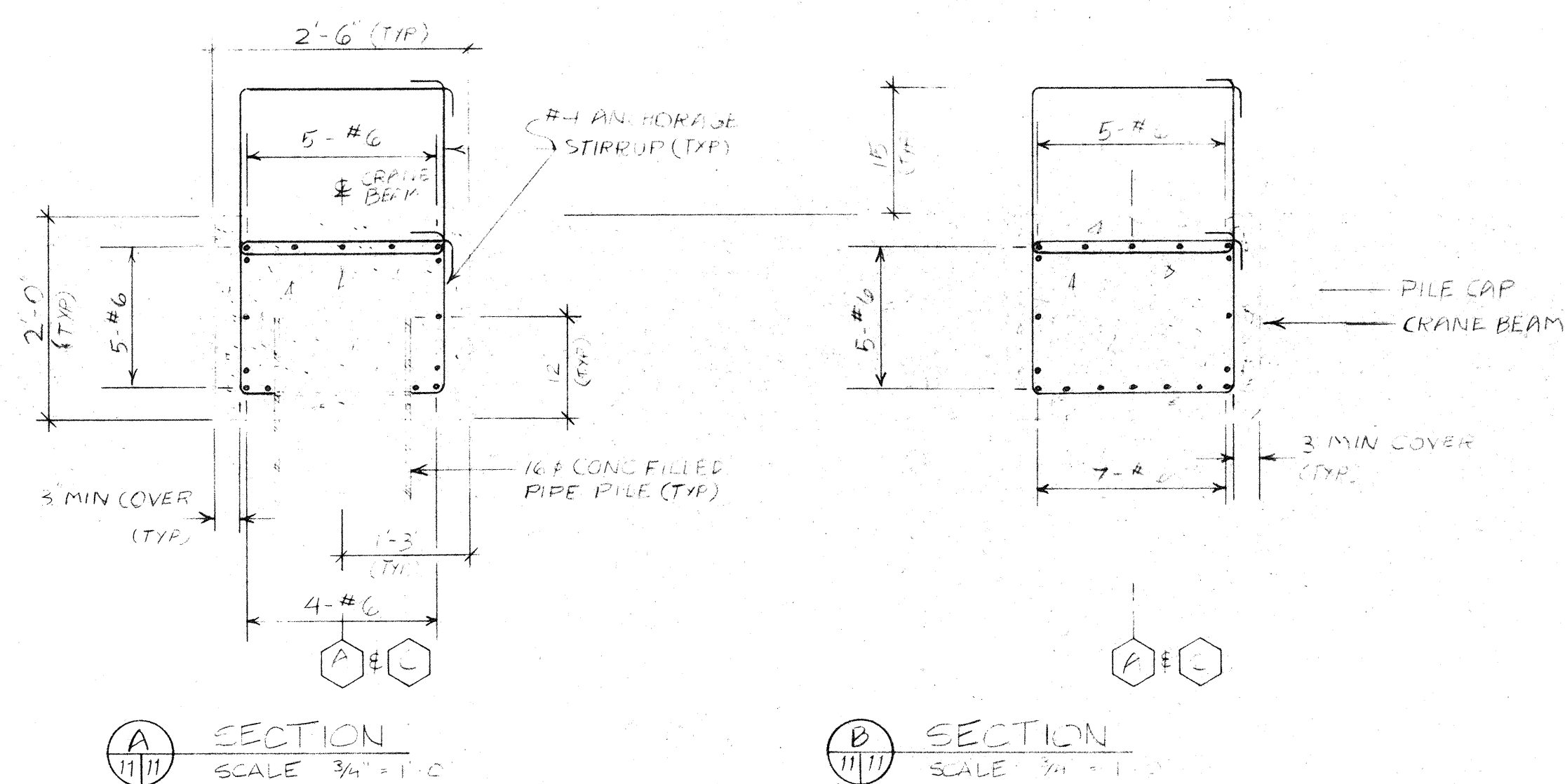
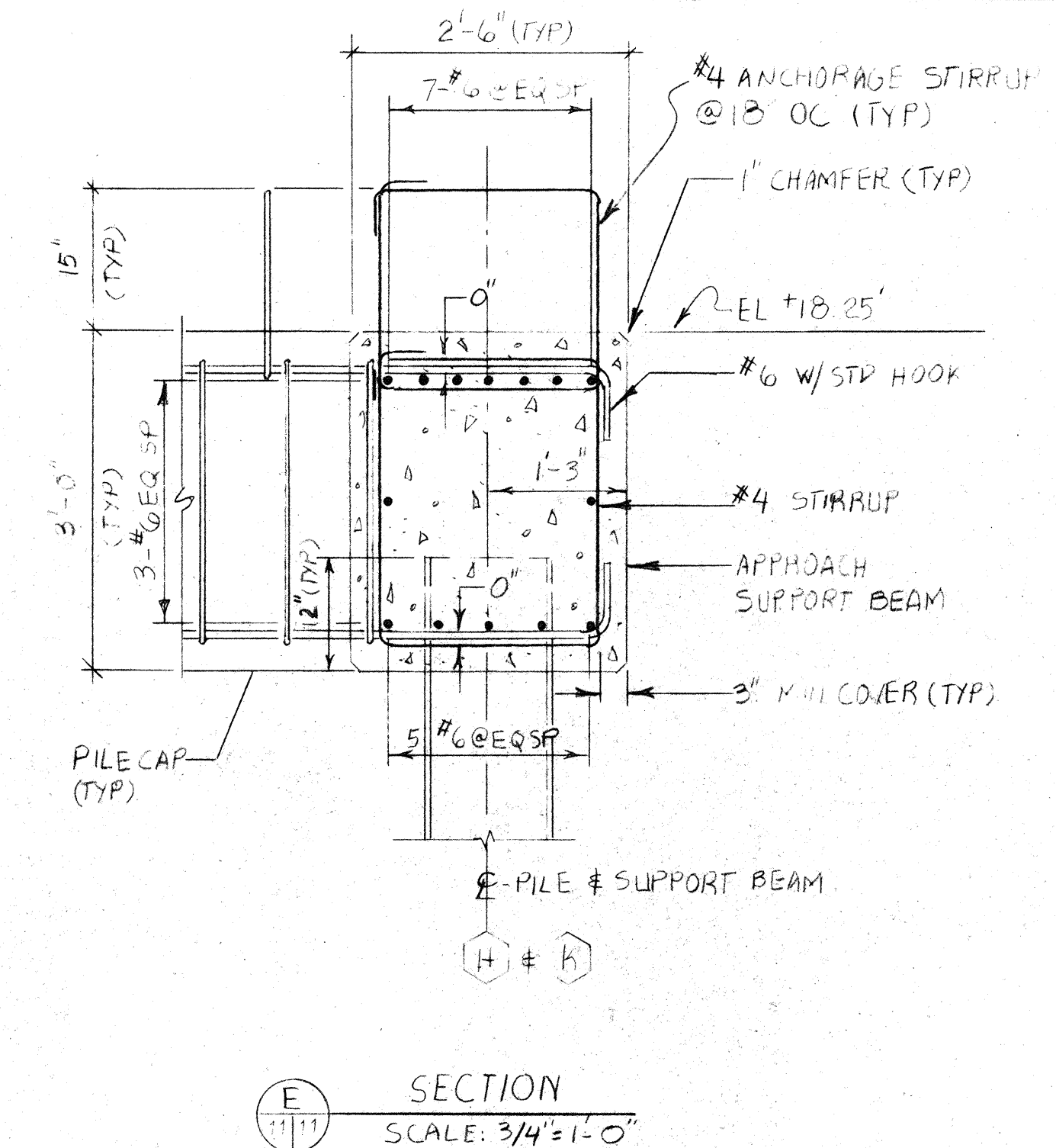
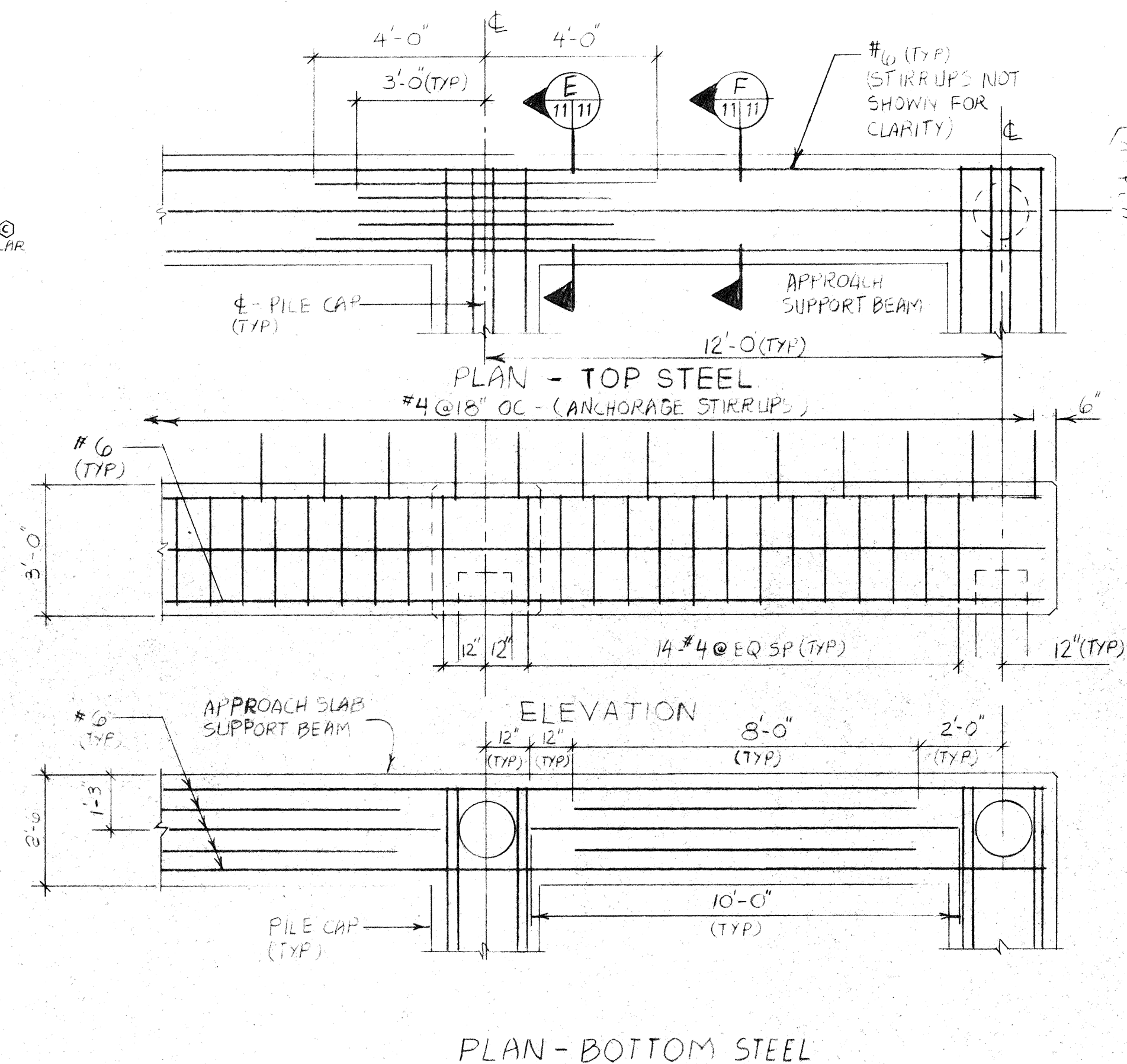
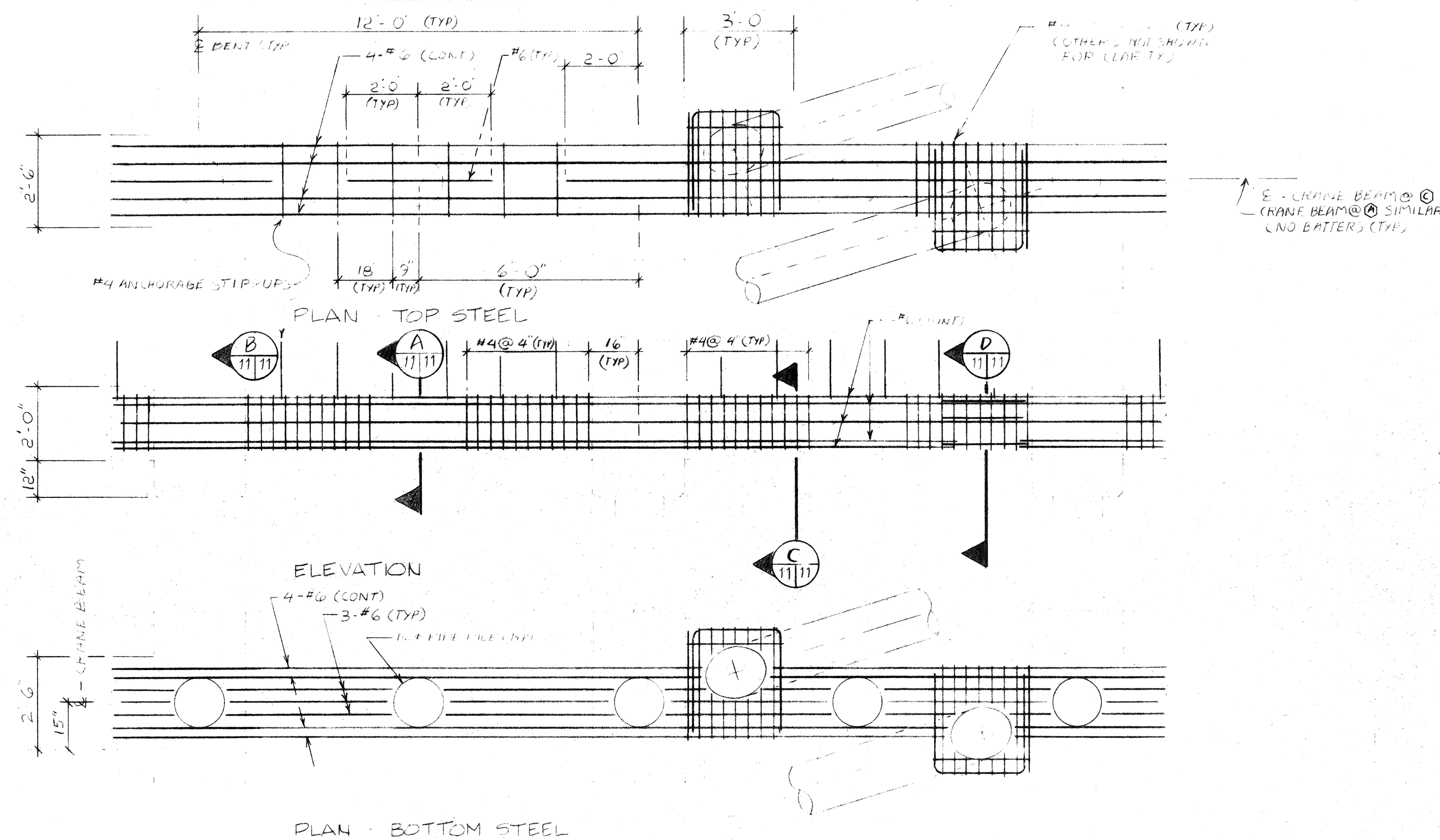
RECORD DRAWING
PILE CAP DETAILS

INTERNATIONAL FERRY
TERMINAL RECONSTRUCTION
CITY OF PORTLAND, PORTLAND ME.

TEC ASSOCIATES CONSULTING ENGINEERS
169 Front Street South Portland, Maine 04106

SCALE AS NOTED	DATE 9/18/92
JOB NO 9213	DRWN BY JS
REV. NO.	DRWG NO 10





NOTE:
Contractor shall verify all dimensions

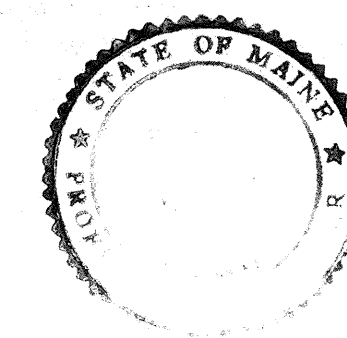
RECORD DRAWING
CRANE BEAM DETAILS

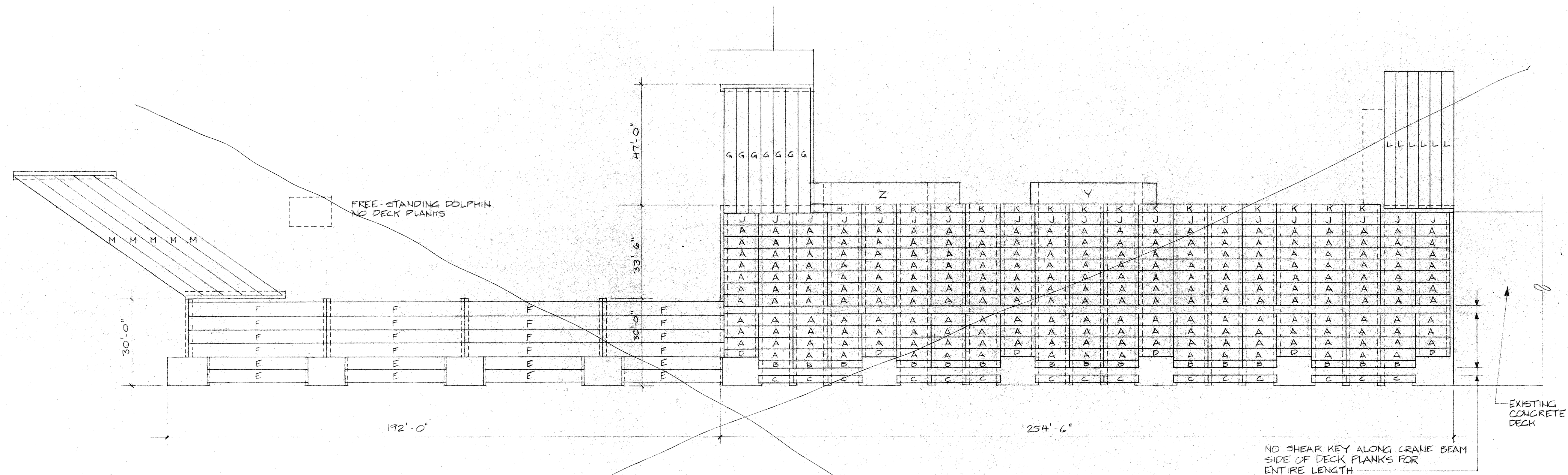
**INTERNATIONAL FERRY
TERMINAL RECONSTRUCTION**

CITY OF PORTLAND, PORTLAND ME.

TEC ASSOCIATES CONSULTING ENGINEERS
164 Front Street South Portland, Maine 04106

SCALE AS NOTED	DATE 9/18/92
JOB NO. 92/13	REV. NO. 11
DRAWN BY BW	DRWG NO.





DECK PLANK PLAN / DOUBLE T PLAN
SCALE: 1" = 20'

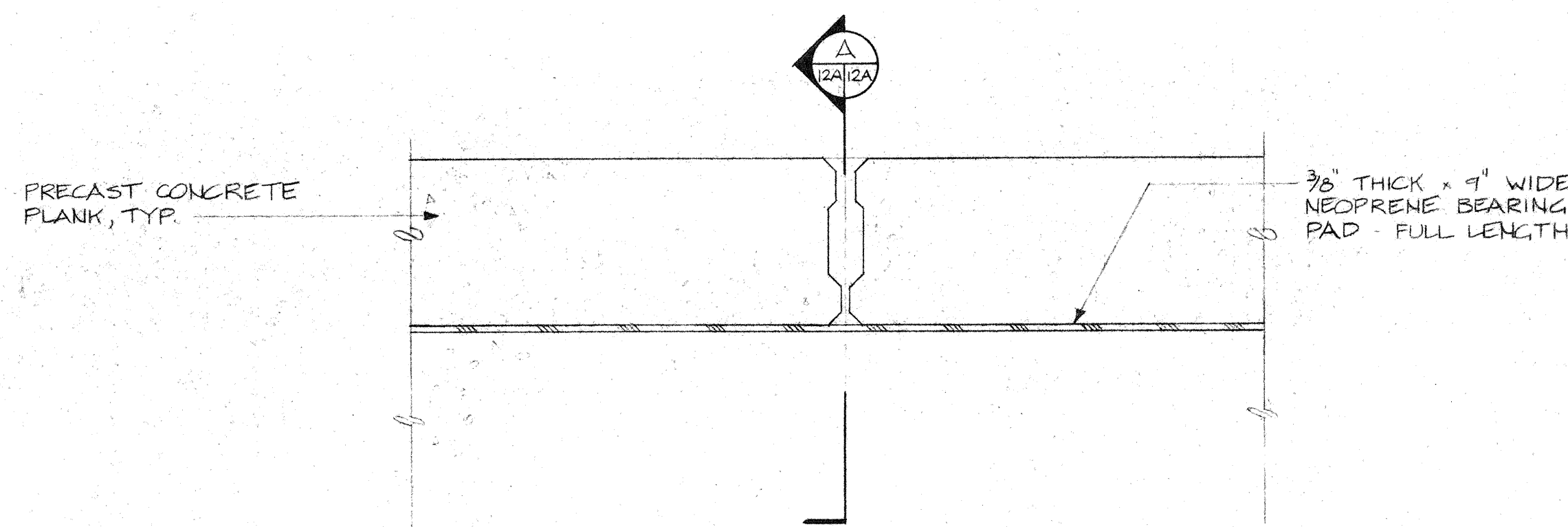
NOT
USED

SYMBOL	DIMENSIONS		
	W	L	D
Y	7'-0"	43'-0"	1'-6"
Z	7'-0"	54'-0"	1'-6"

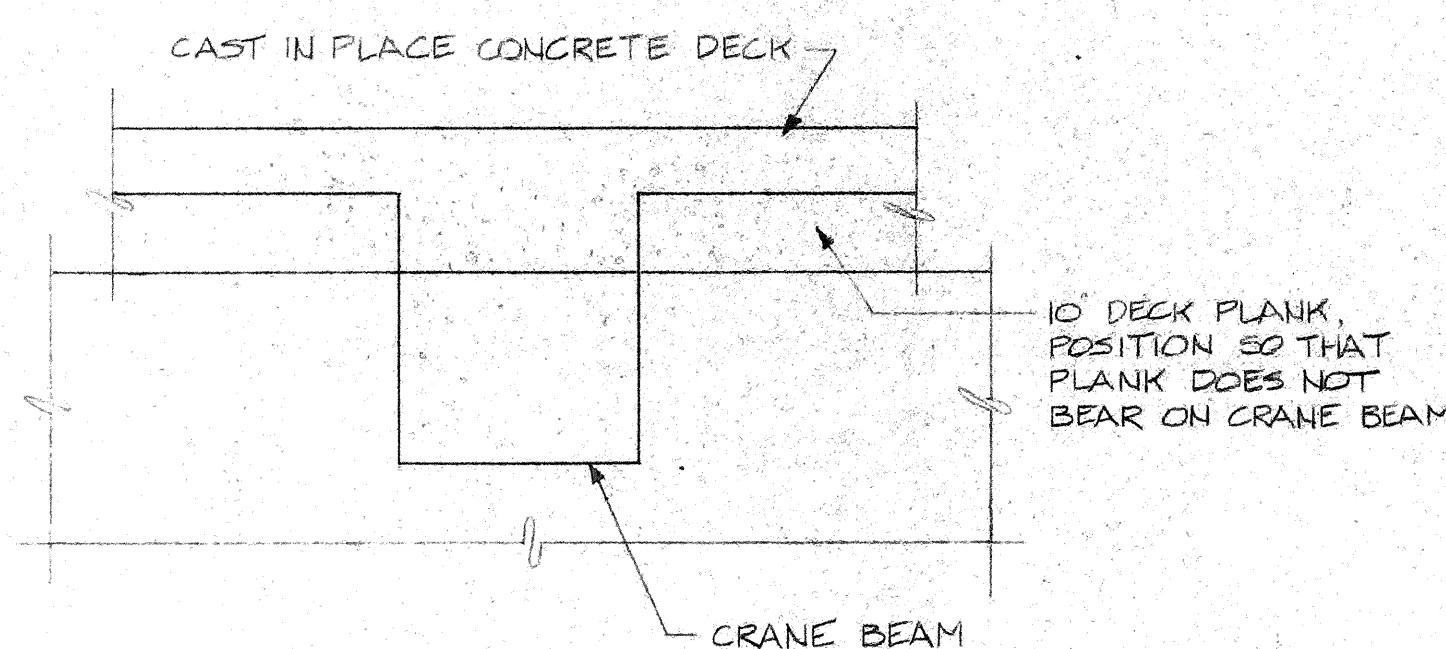
DECK PLANK SCHEDULE

SYMBOL	DIMENSIONS			QTY
	W	L	D	
A	4'-0" x 11'-0" x 0'-10"			225
B	3'-2" x 11'-0" x 0'-10"			15
C	2'-9" x 11'-0" x 0'-10"			15
D	3'-5" x 11'-0" x 0'-10"			6
E	4'-6" x 35'-0" x 1'-9"			8
F	4'-8" x 47'-0" x 1'-9"			16
G	4'-3 1/2" x 43'-0" x 1'-9"			7
H	3'-0" x 16'-0" x 0'-10"			1
J	3'-1" x 11'-0" x 0'-10"			21
K	3'-0" x 11'-0" x 0'-10"			15
L	4'-0" x 48'-0" x 1'-9"			6
M	4'-0" x 74'-0" x 1'-9"			5

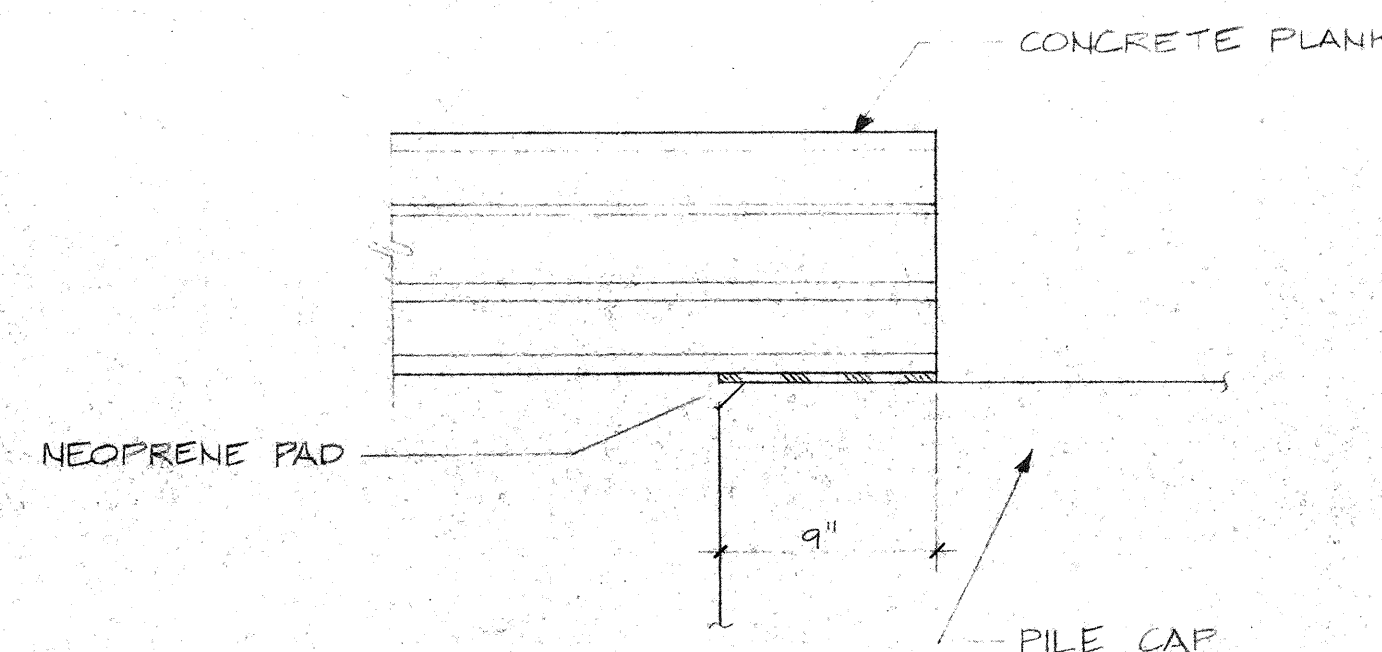
ALTERNATE #3



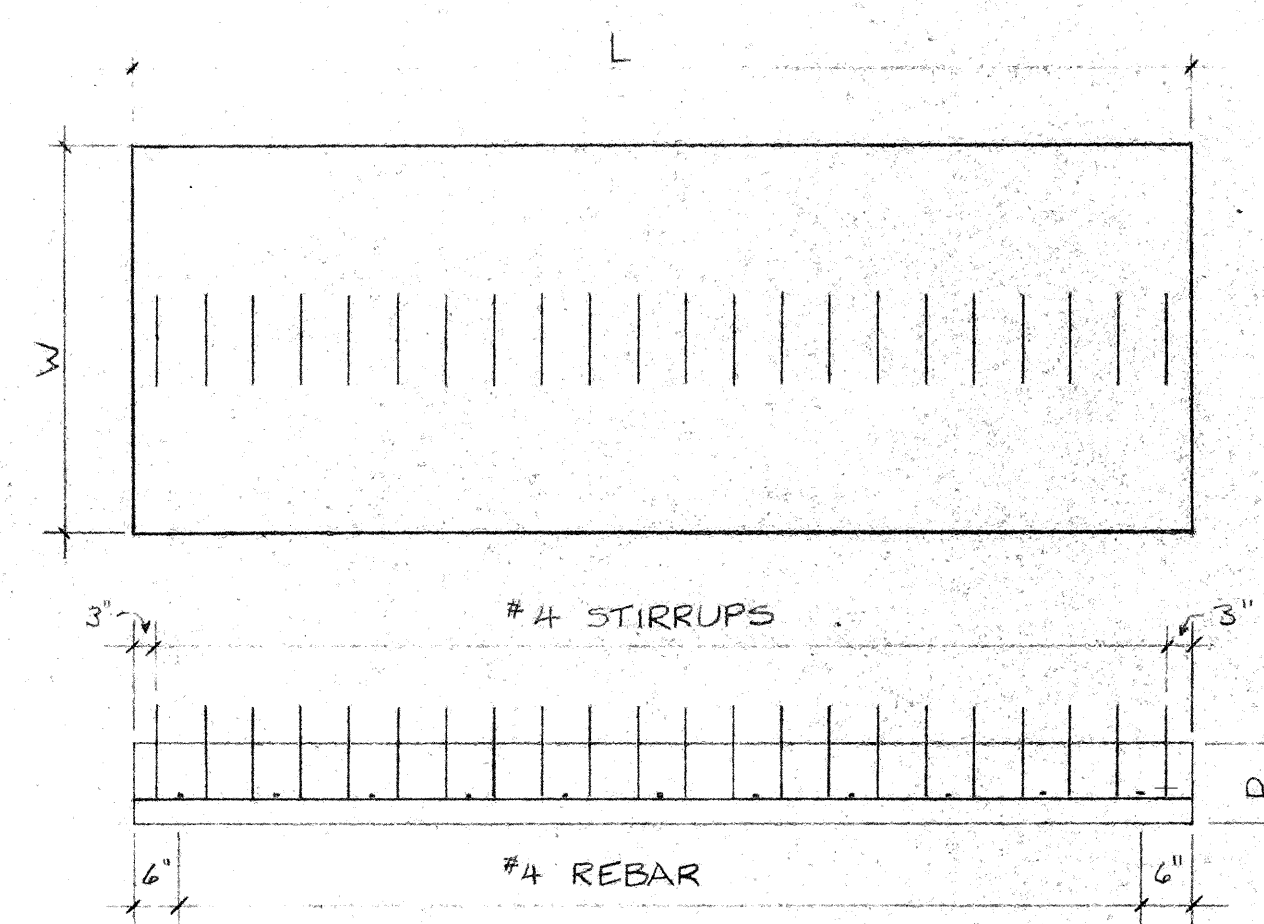
DECK PLANK ASSEMBLY
SCALE: 1 1/2" = 1'-0"



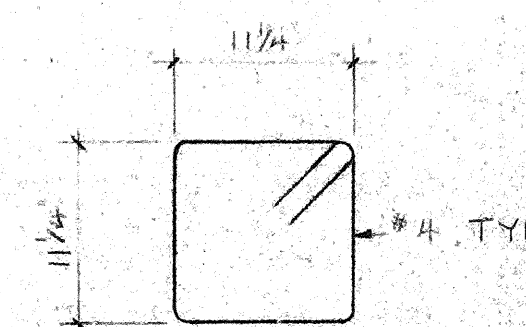
DECK PLANK ASSEMBLY AT CRANE BEAM
SCALE: 1/2" = 1'-0"



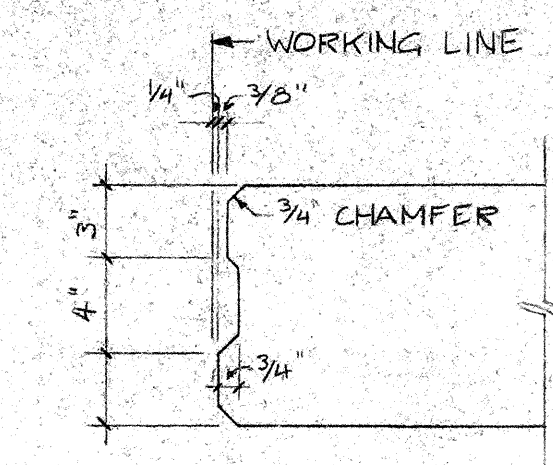
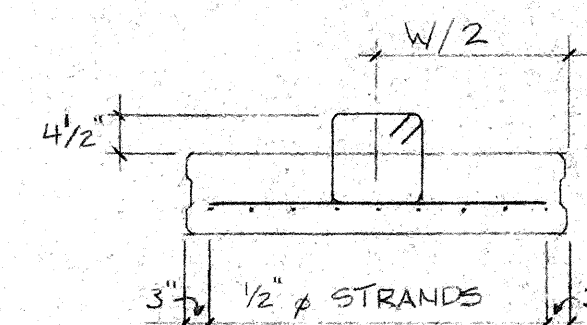
DETAIL A
SCALE: 1 1/2" = 1'-0"



TYP. PRESTRESSED SLAB DETAILS
SCALE: 1/2" = 1'-0"



STIRRUP DETAIL



SHEAR KEY DETAIL

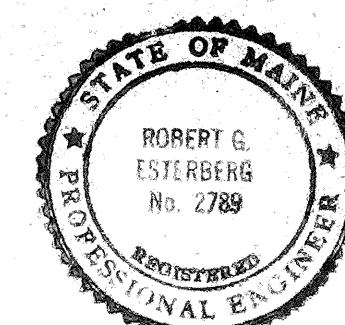
NOTE:
Contractor shall verify all dimensions

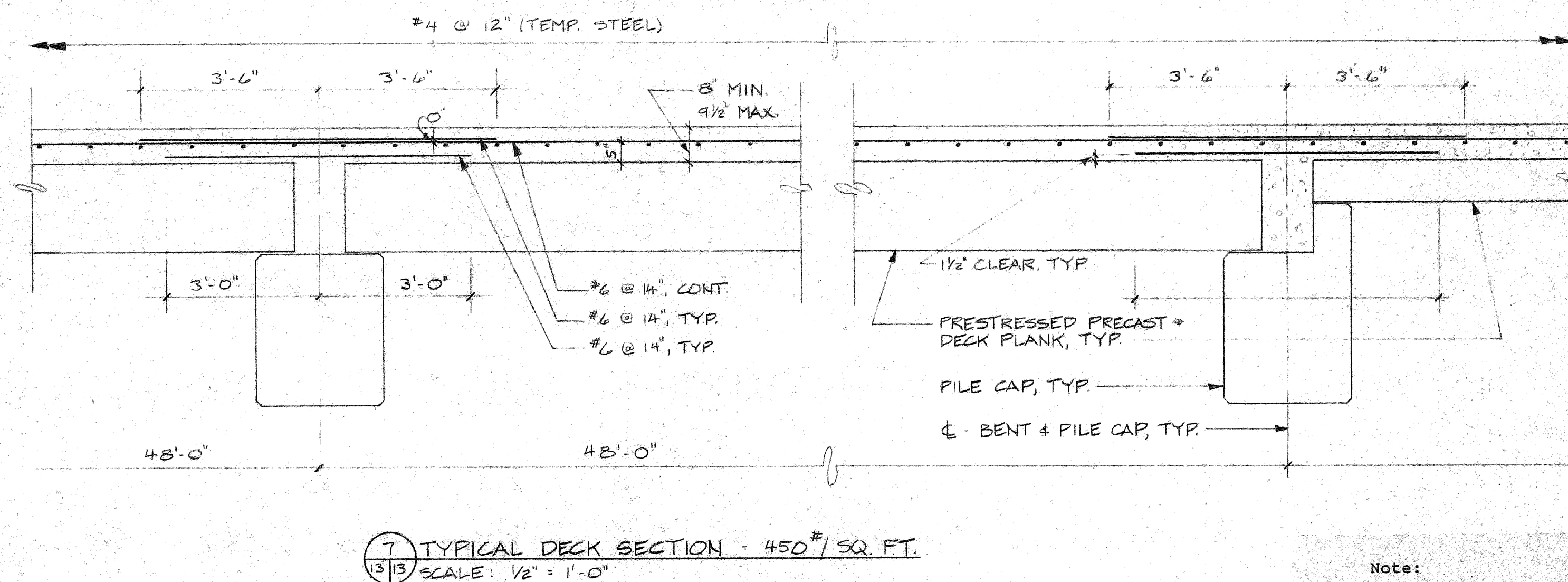
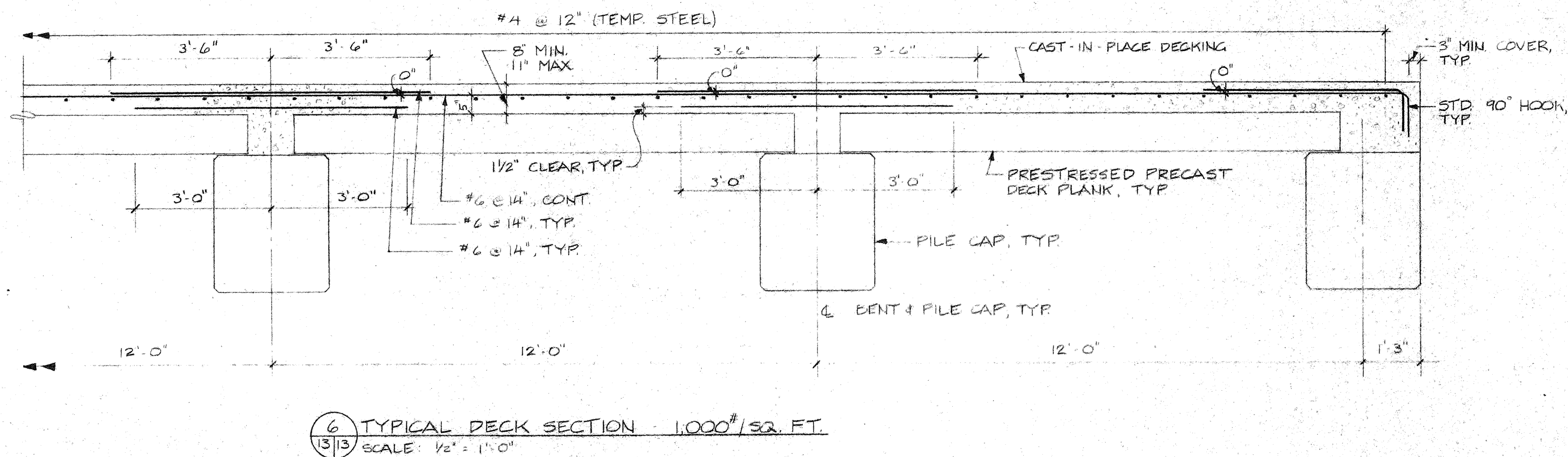
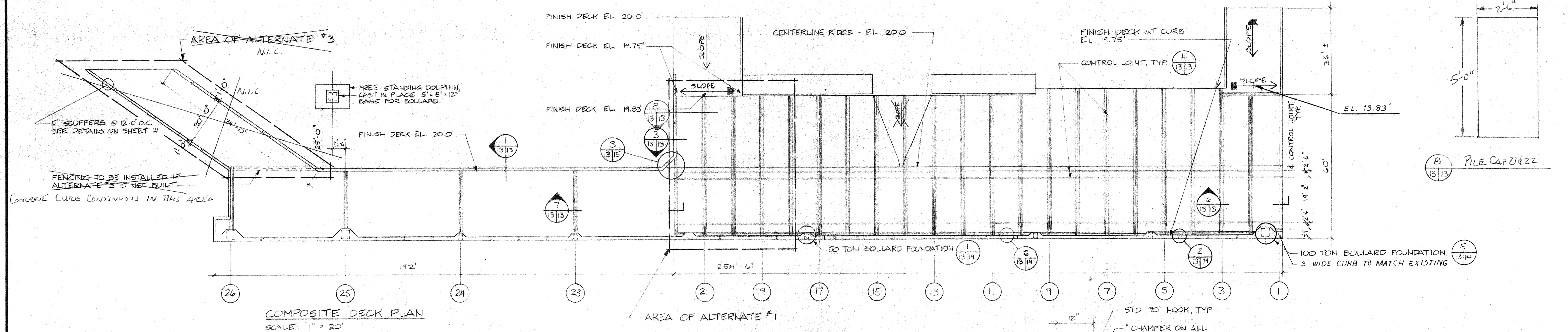
RECORD DRAWING
ALTERNATES 1 & 3
PRECAST DECK PLANKS

INTERNATIONAL FERRY
TERMINAL RECONSTRUCTION
CITY OF PORTLAND, PORTLAND
ME.

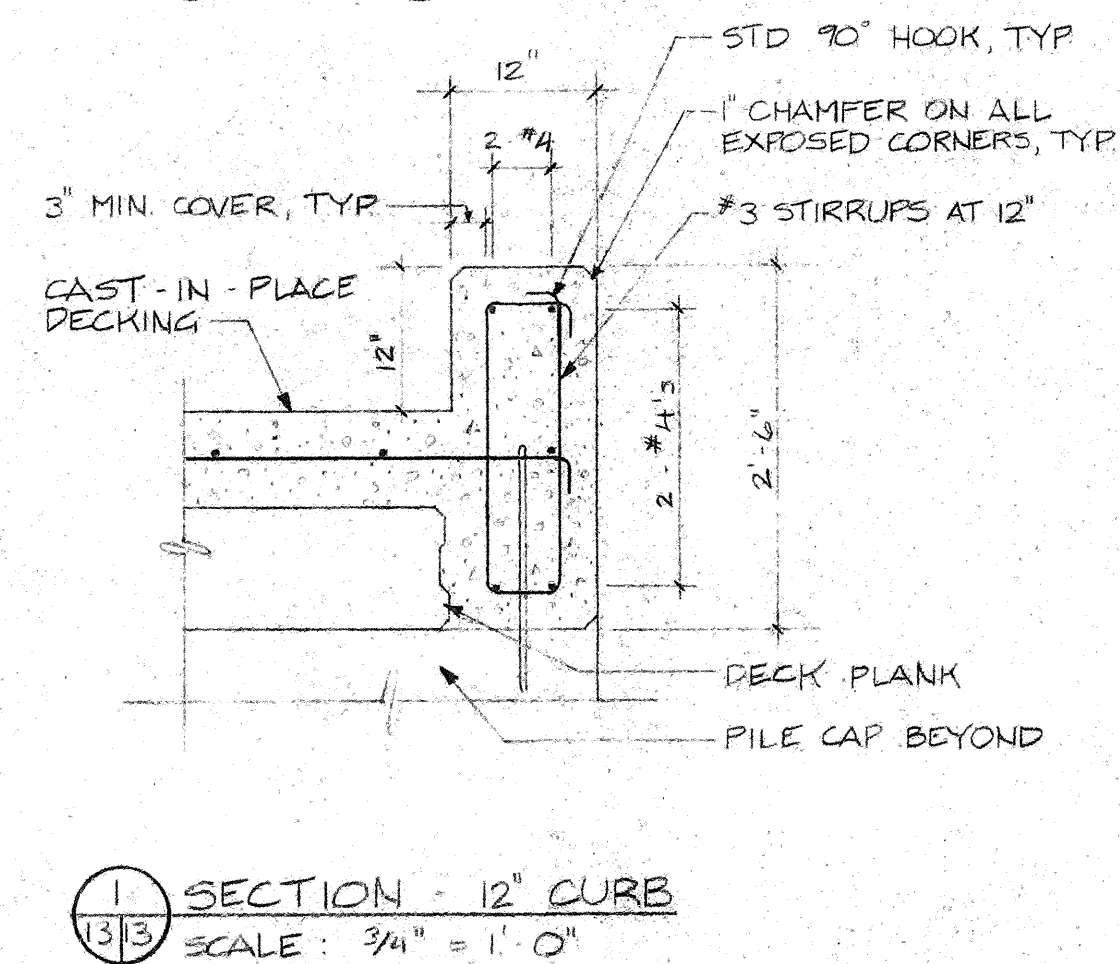
TEC ASSOCIATES CONSULTING ENGINEERS
169 Front Street South Portland, Maine 04106

SCALE AS NOTED DATE 9/18/92
JOB NO. 9213 DRAWN BY JS REV. NO. 12A

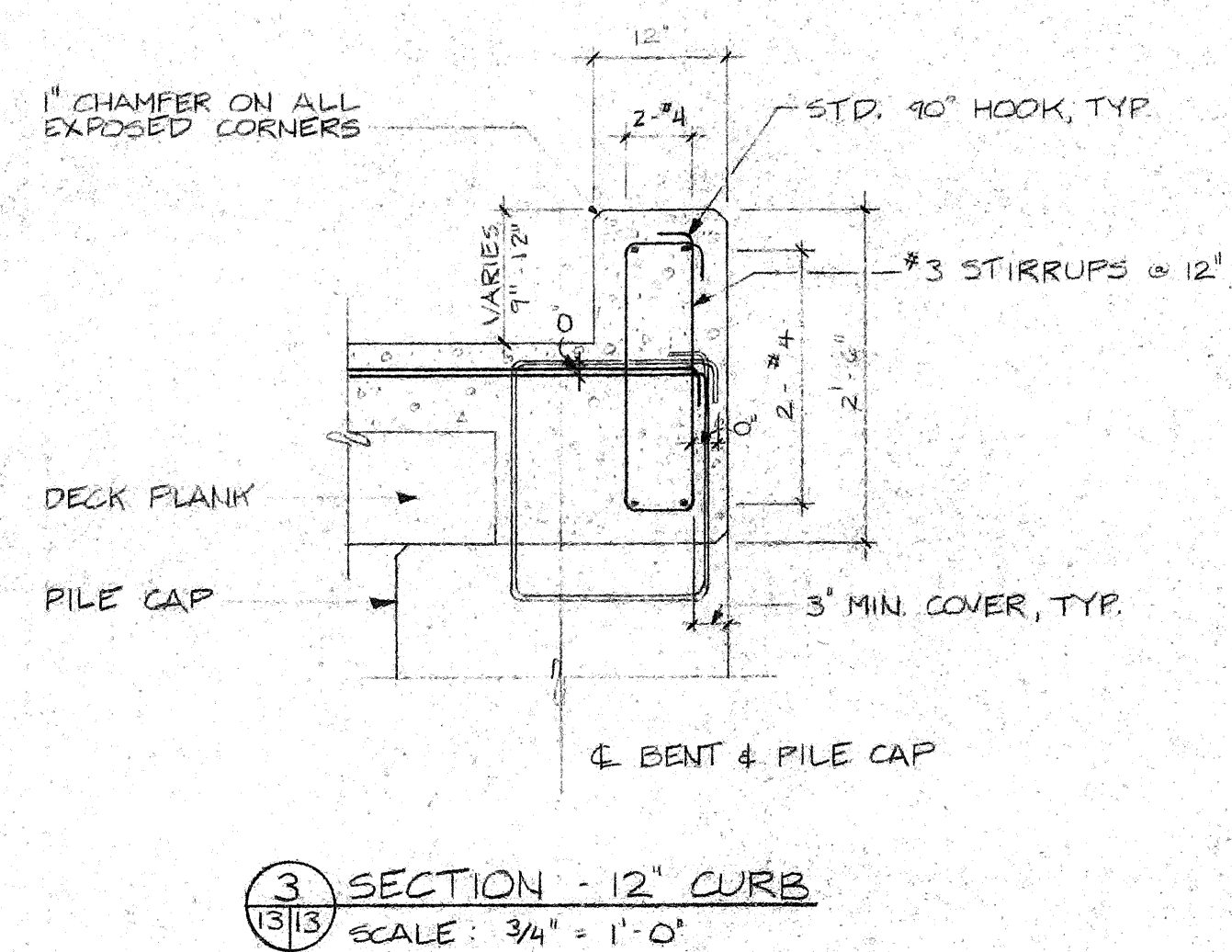




- Note:
- Concrete shall have a compressive strength of 4000 psi @ 28 days.
 - Reinforcing shall be grade 60 epoxy coated and conform to ASTM A615 and A775.
 - Chamfer all edges 1" @ 45° except where noted.
 - Minimum concrete coverage over reinforcing shall be 3".
 - Splicing of reinforcement: #6 bars - 24"
#4 bars - 12"
 - CONTRACTOR SHALL VERIFY ALL DIMENSIONS.

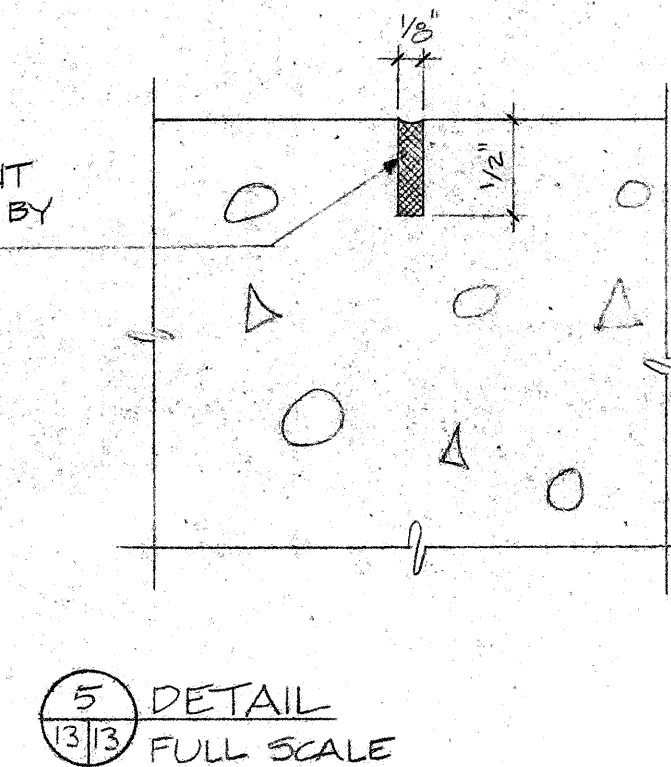


HERRINGBONE PATTERN
SCALE 1/4" = 1'-0"



SECTION - CONTROL JOINT, TYP.
SCALE: 3/4" = 1'-0"

JOINT SEALANT
AS APPROVED BY
ENGINEER

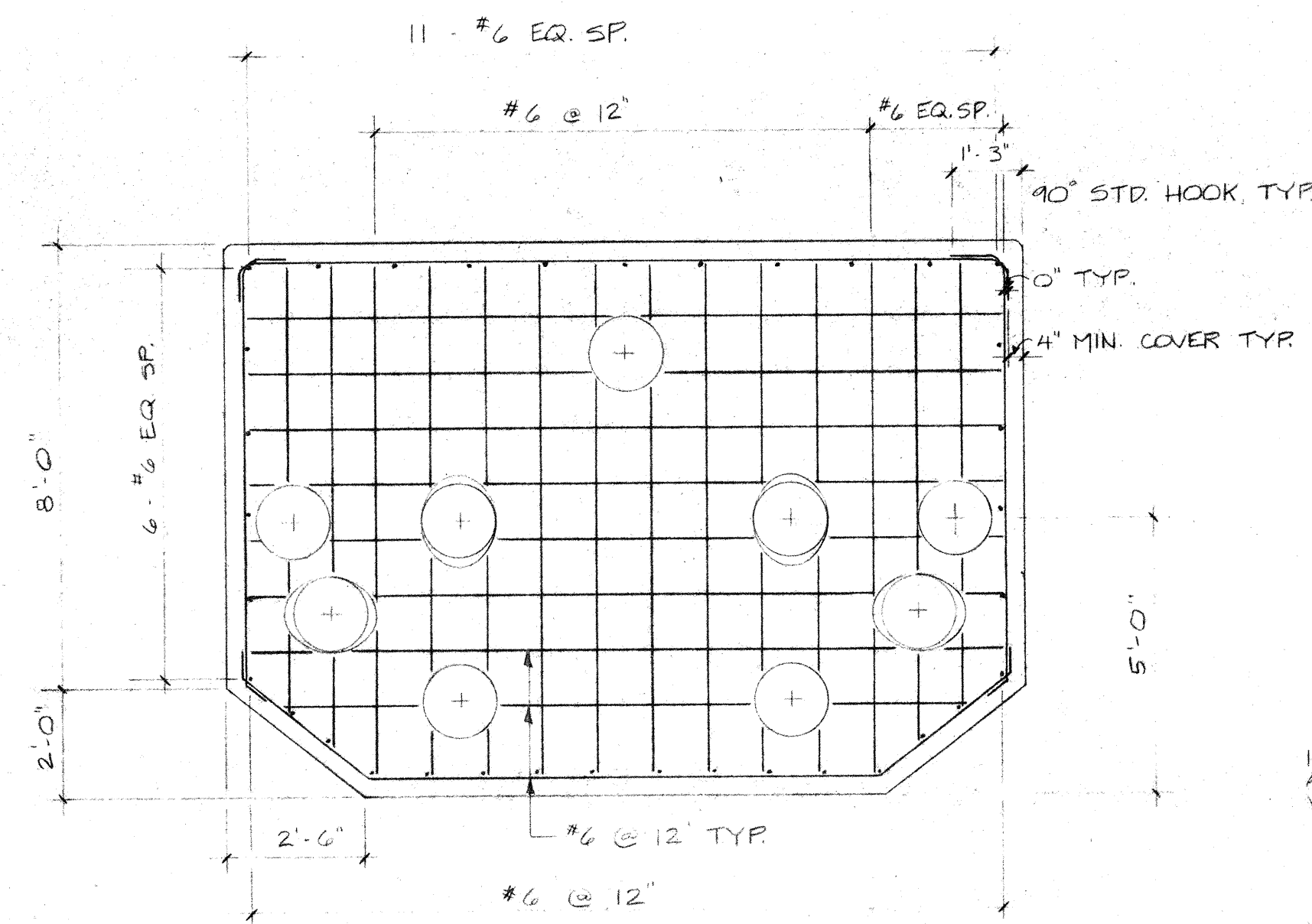


RECORD DRAWING
CAST-IN-PLACE DECK

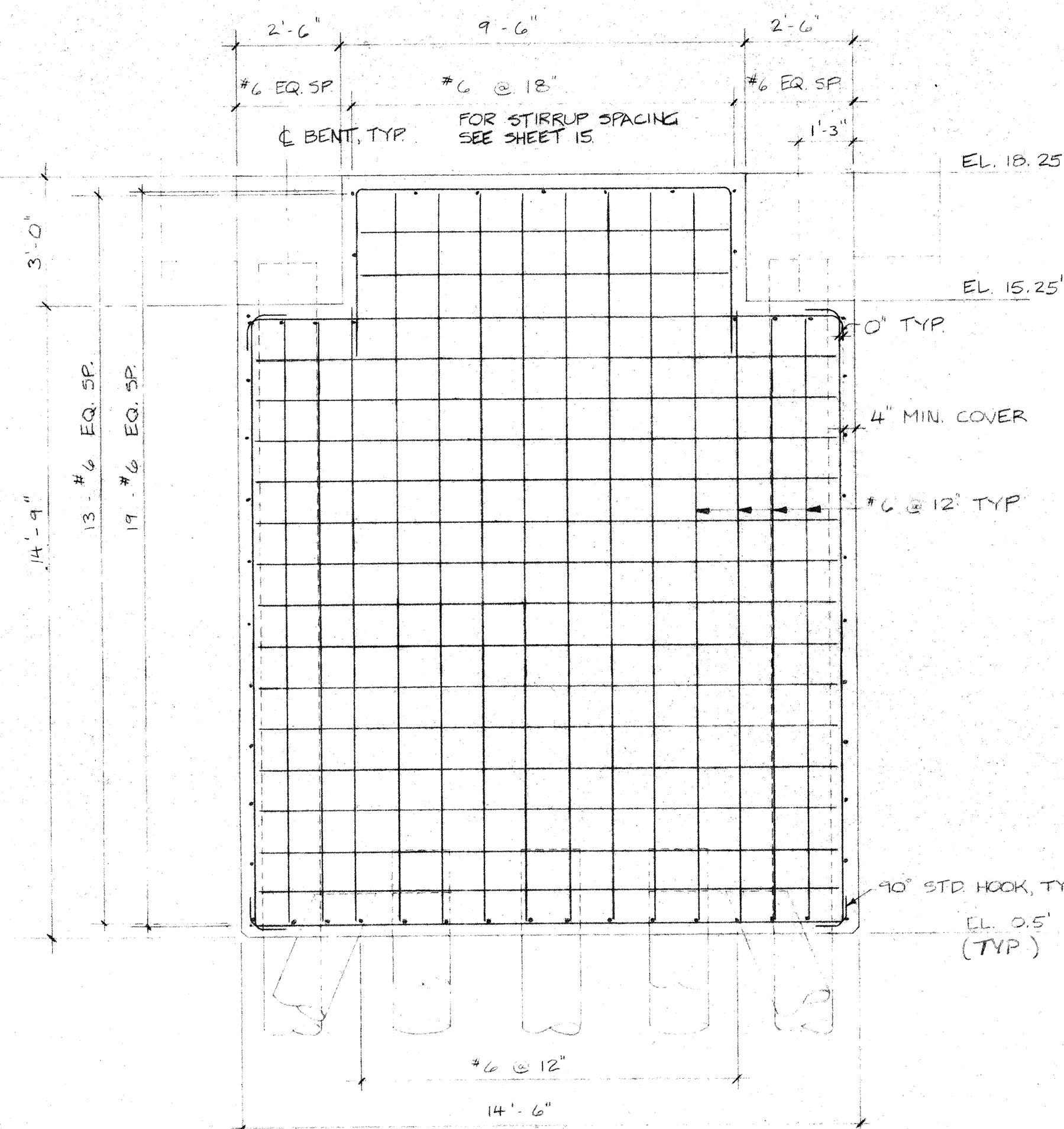
INTERNATIONAL FERRY
TERMINAL RECONSTRUCTION
CITY OF PORTLAND, PORTLAND
ME.

TEC ASSOCIATES CONSULTING
ENGINEERS
169 Front Street South Portland, Maine 04106

SCALE AS NOTED	DATE 9/18/92
JOB NO. 9213	REV. NO. 13
DRWN BY JS	DRWG NO.

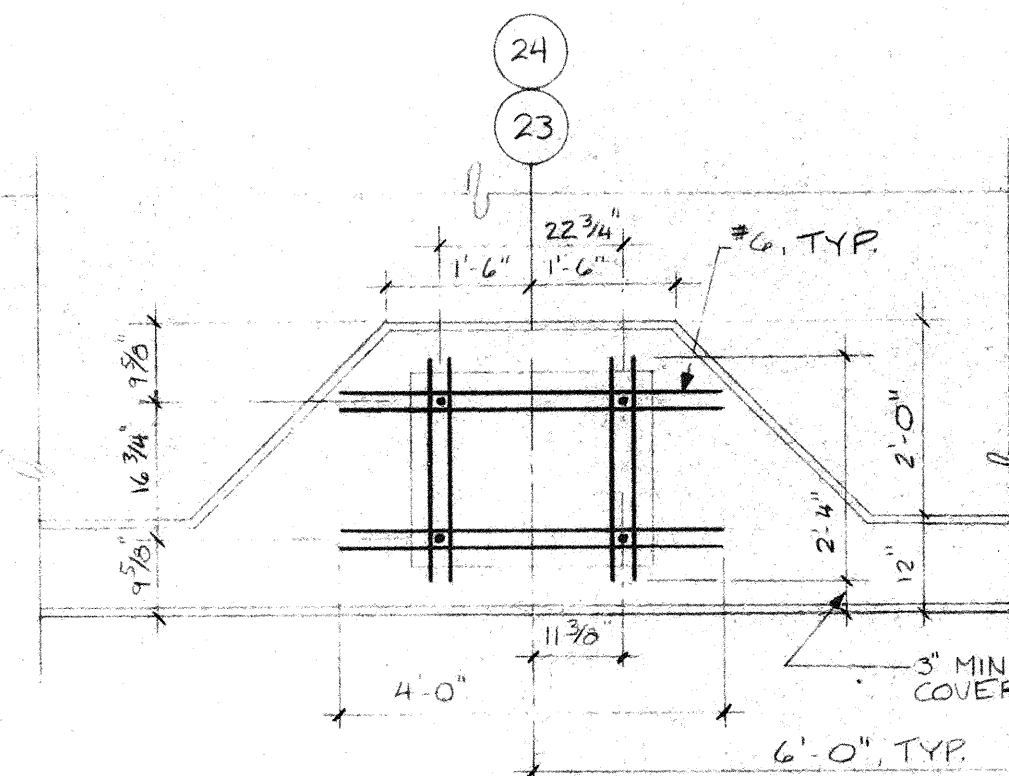


FENDER DOLPHIN - PLAN AT EL. 0.83'
SCALE: 3/8" = 1'-0"

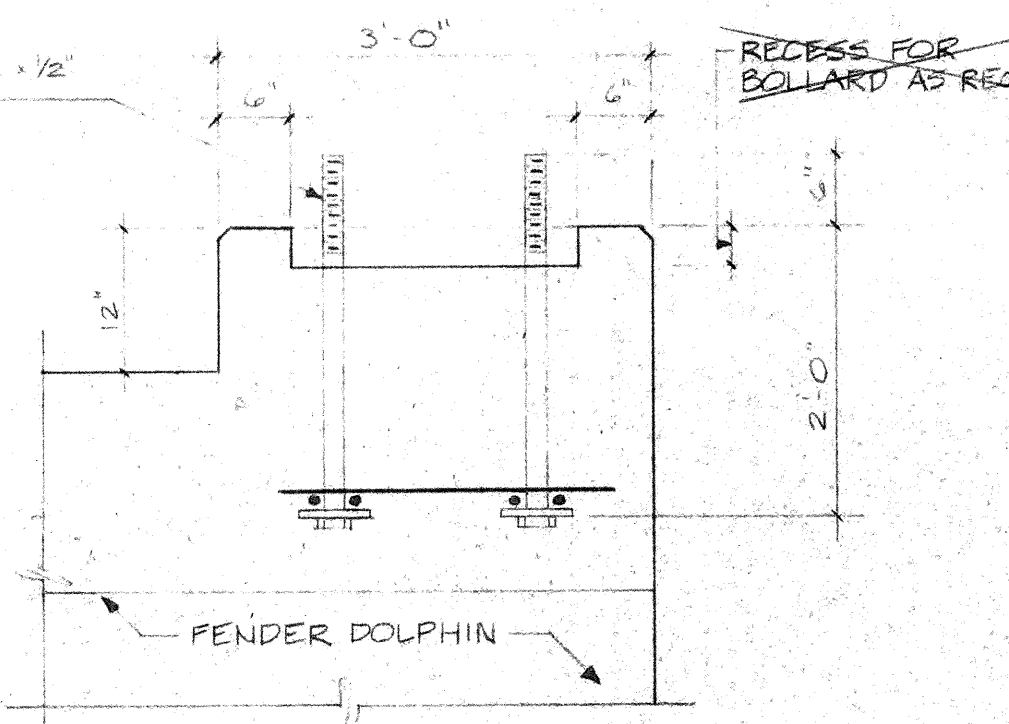


FENDER DOLPHIN - SECTION
SCALE: 3/8" = 1'-0"

NOTE: SCUPPERS LOCATED AT MID-SPAN
BETWEEN PILE CAPS, 12'-0" O.C., TYP.
AND AT 12'-0" INTERVALS BETWEEN
DOLPHINS AS INDICATED IN PIER PLAN

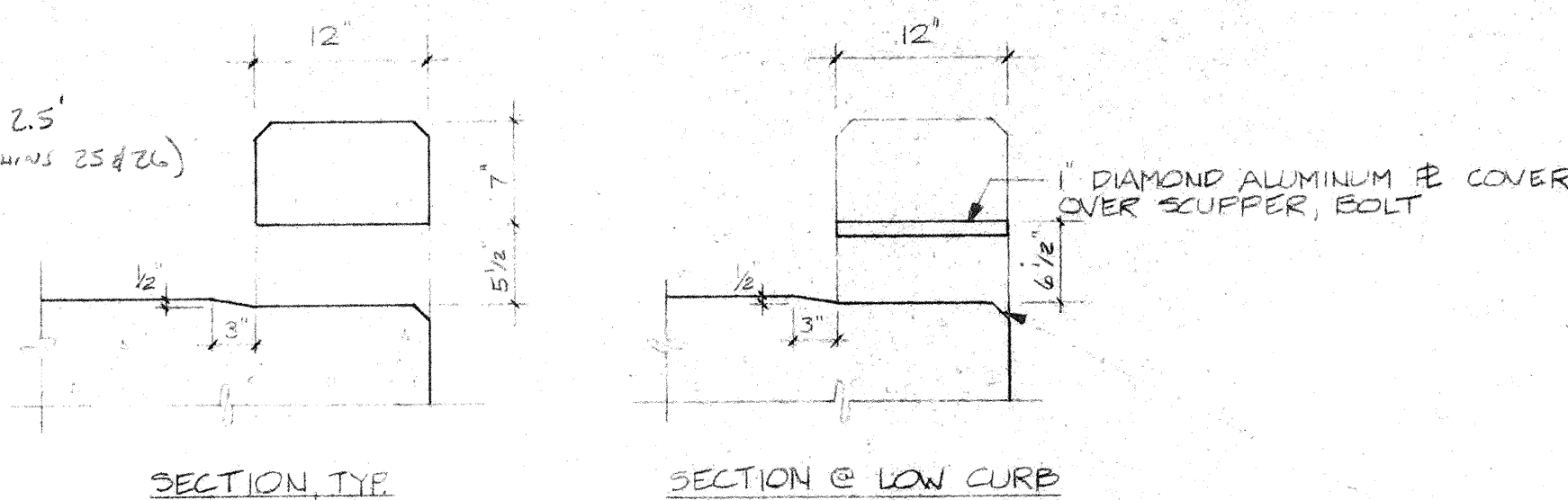


1 3/4" x 30" LG. GALV.
ANCHOR BOLT W/ 6" EQ. 1/2"
WASHER P. GALV.

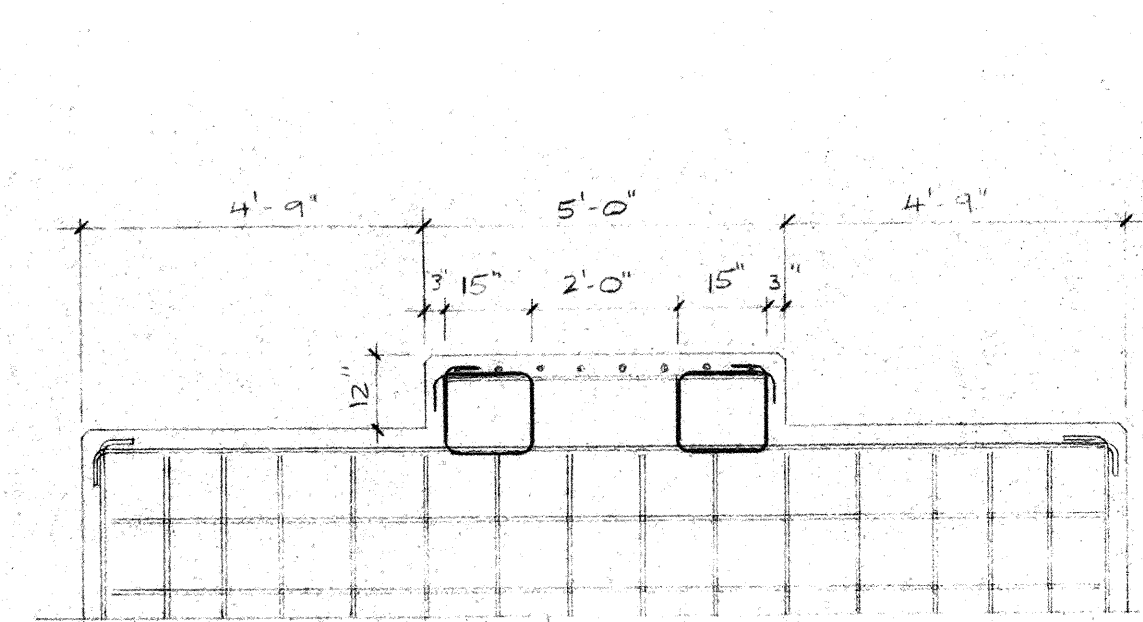


50 TON BOLLARD REINFORCING
SCALE: 3/4" = 1'-0"

- Note:
- 1) All bollard anchor bolts shall be galvanized high strength bolts (ASTM A449).
 - 2) All bollard anchor bolts shall be cut flush to the bolt nut after bollard installation. All countersunk holes shall be filled with an approved sealant.
 - 3) All bollards shall be set onto a bed of high strength non-shrink grout. Depth of grout shall be as required for complete bearing.

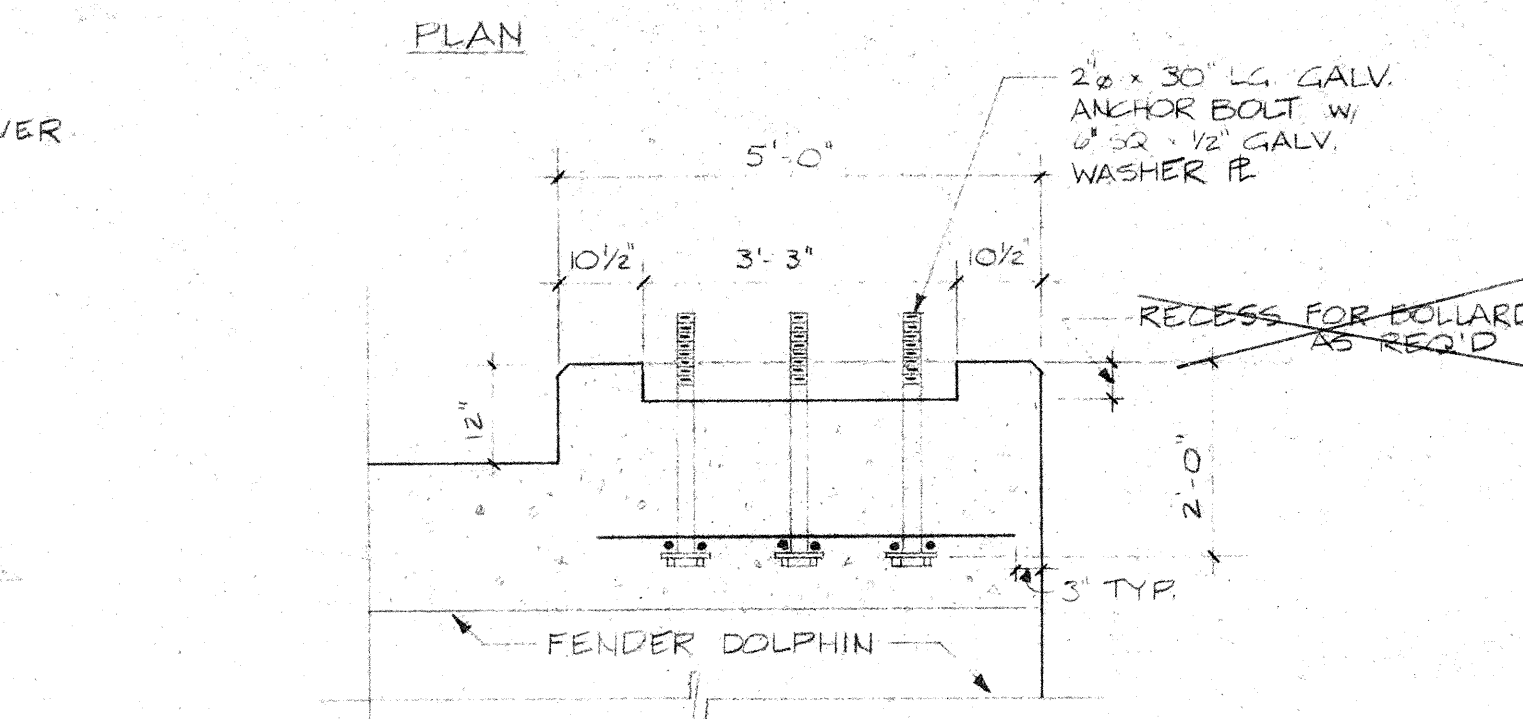
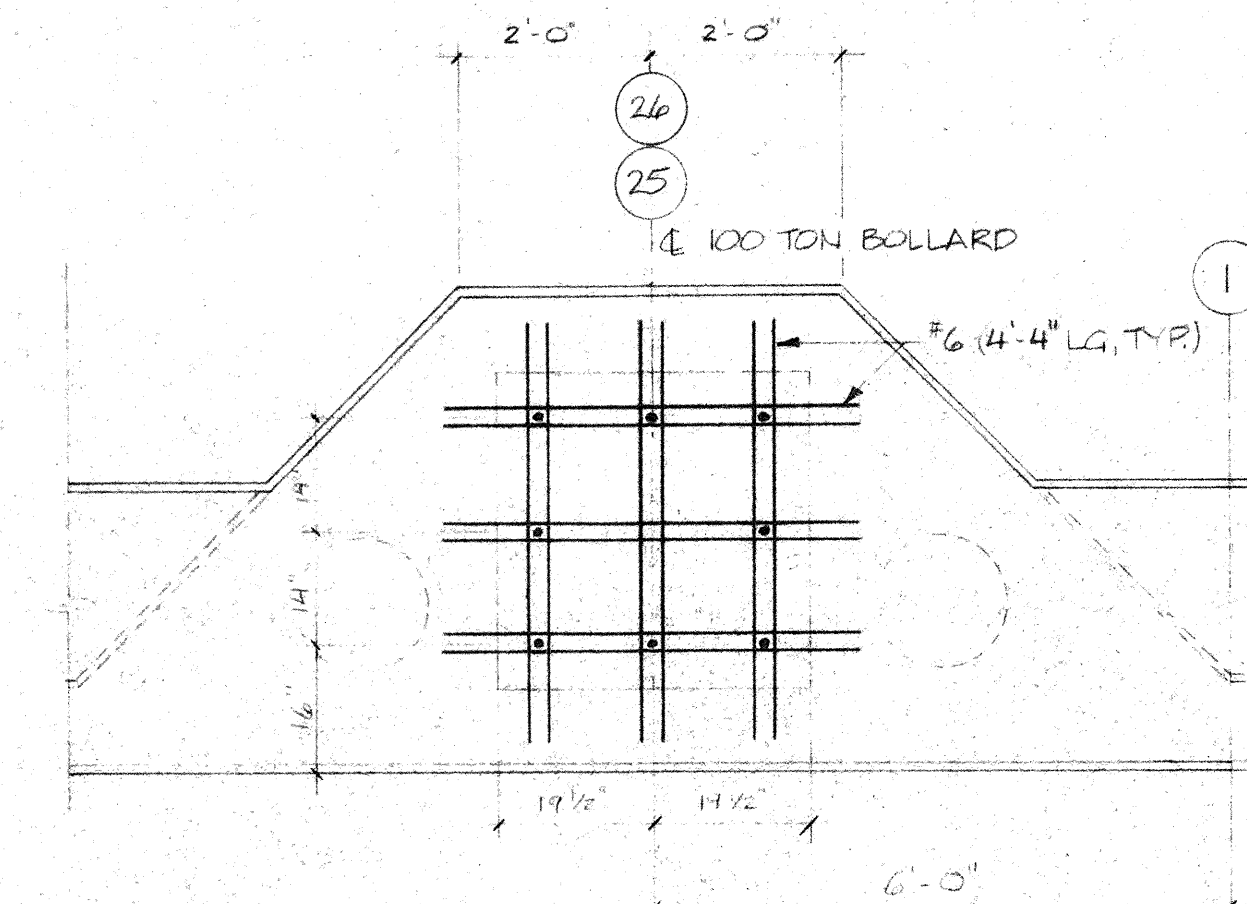


SCUPPER DETAILS
SCALE: 1" = 1'-0"

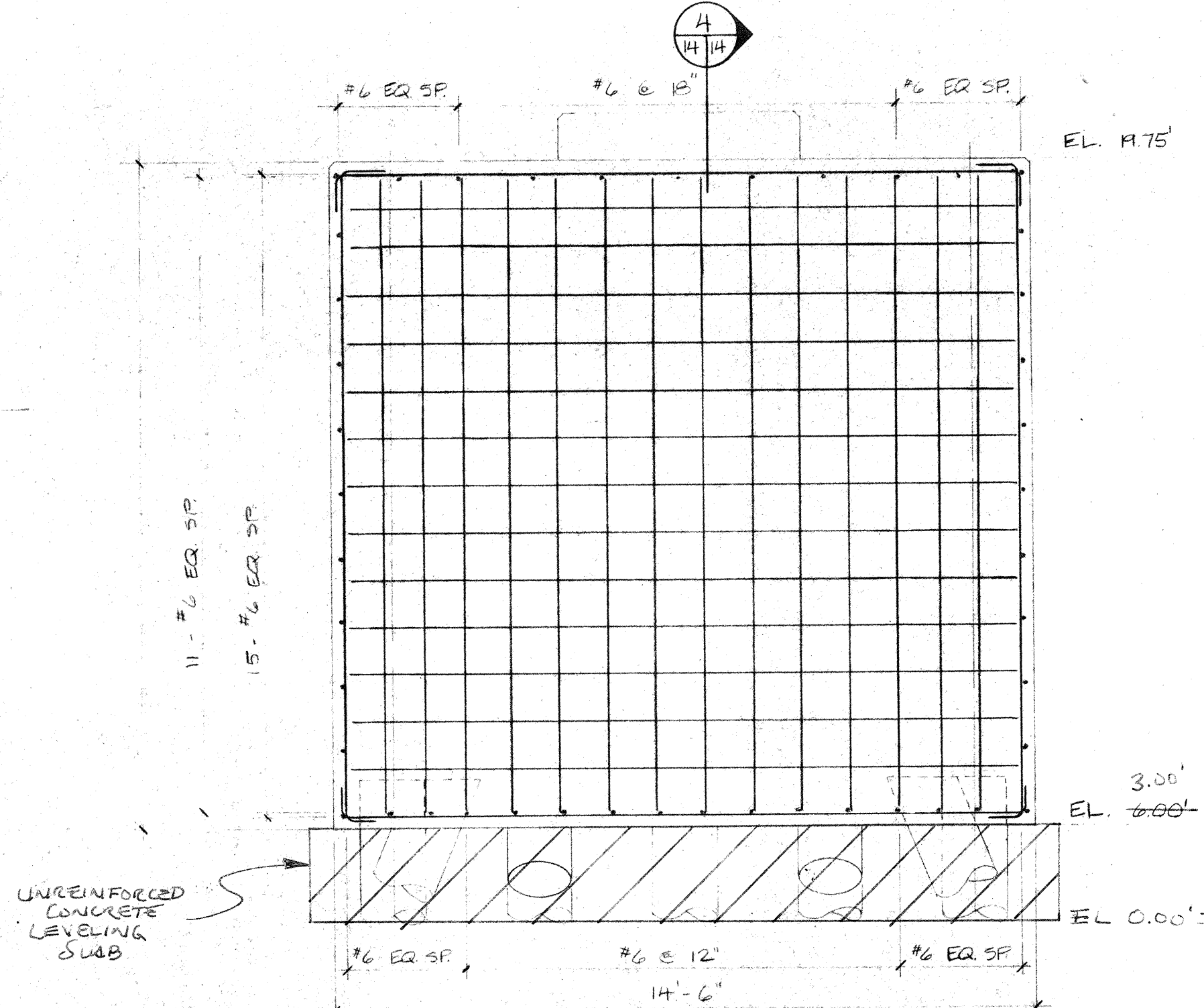


DOLPHIN STIRRUPS
SCALE: 3/8" = 1'-0"

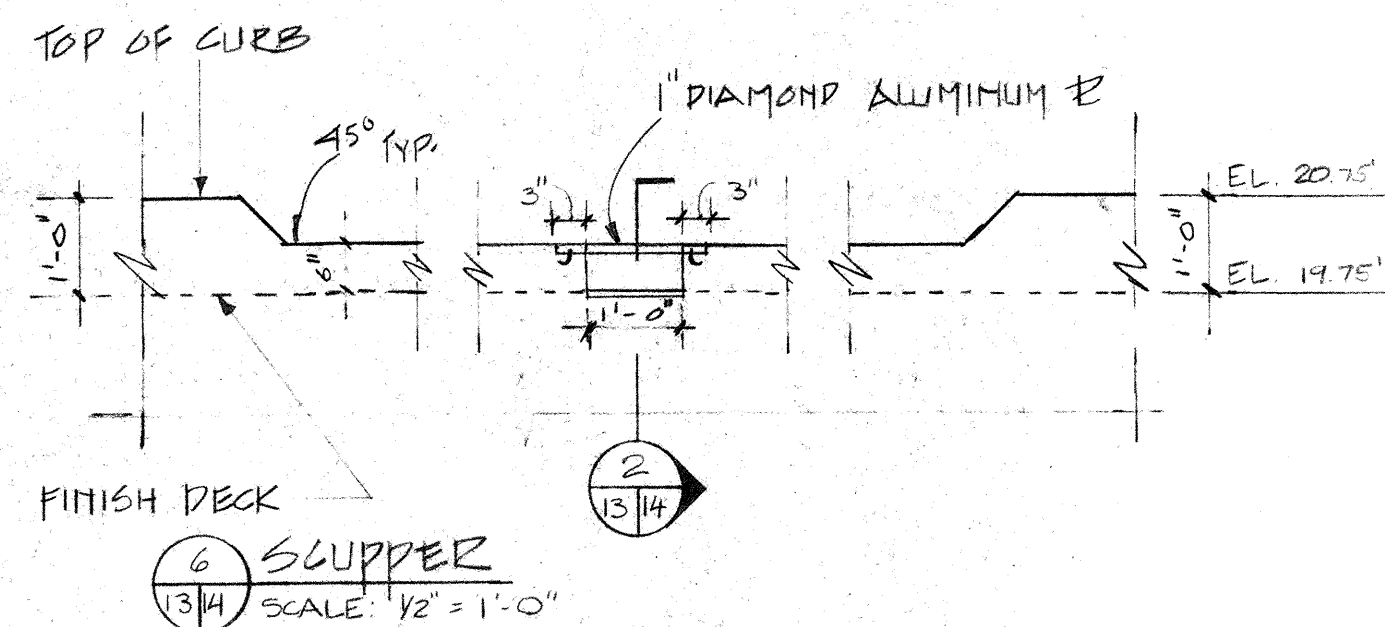
DOLPHIN STIRRUPS
SCALE: 3/8" = 1'-0"



100 TON BOLLARD REINFORCING
SCALE: 1/2" = 1'-0"



- Note:
- 1) Piles shall be A252 Grade B steel seamless or ERW with fusion bonded epoxy coating and concrete fill.
 - 2) Concrete shall have a compressive strength of 4000 psi @ 28 days.
 - 3) Reinforcing shall be grade 60 epoxy coated and conform to ASTM A615 and A775.
 - 4) Chamfer all edges 1" @ 45° except where noted.
 - 5) Minimum concrete coverage over reinforcing shall be 3".
 - 6) Splicing of reinforcement: #6 bars - 24"
#4 bars - 12"



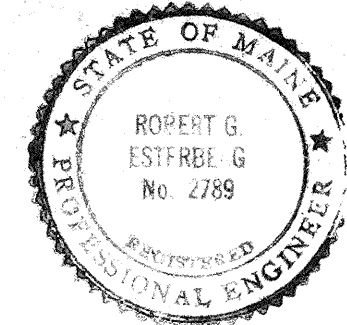
NOTE:
Contractor shall verify all dimensions

RECORD DRAWING
REINFORCING DETAILS

INTERNATIONAL FERRY
TERMINAL RECONSTRUCTION
CITY OF PORTLAND, PORTLAND
ME.

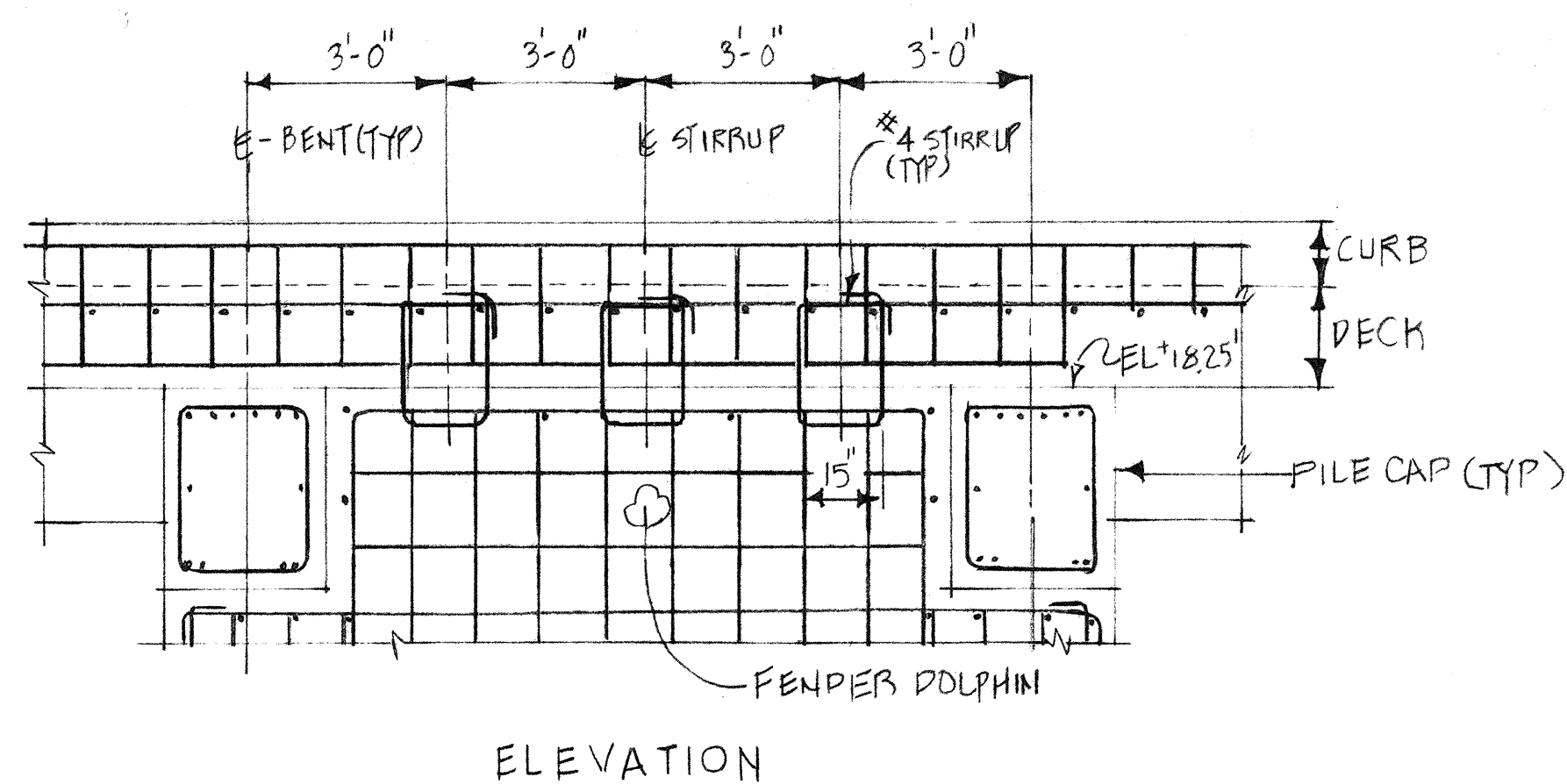
TEC ASSOCIATES CONSULTING
ENGINEERS
169 Front Street South Portland, Maine 04106

SCALE AS NOTED DATE 9/18/92
JOB NO 9213 DRWN BY REV NO 14 DRWG NO



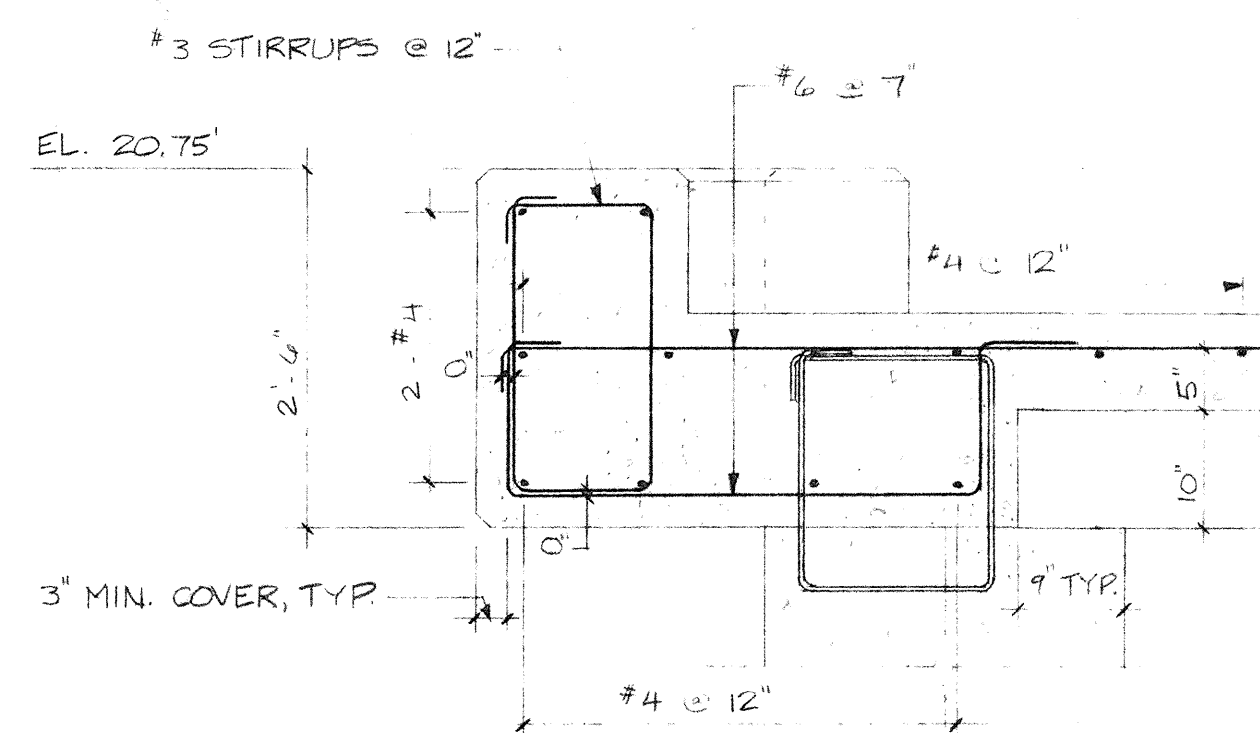
SECTION AT 5'-0" CURB

SECTION AT 3'-0" CURB

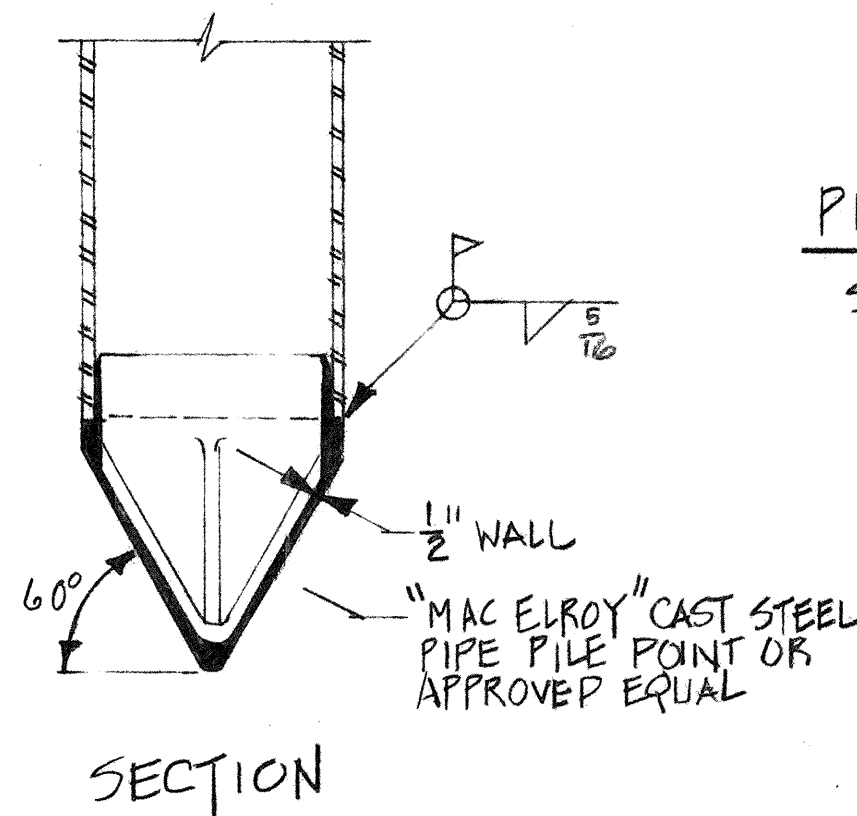


ELEVATION

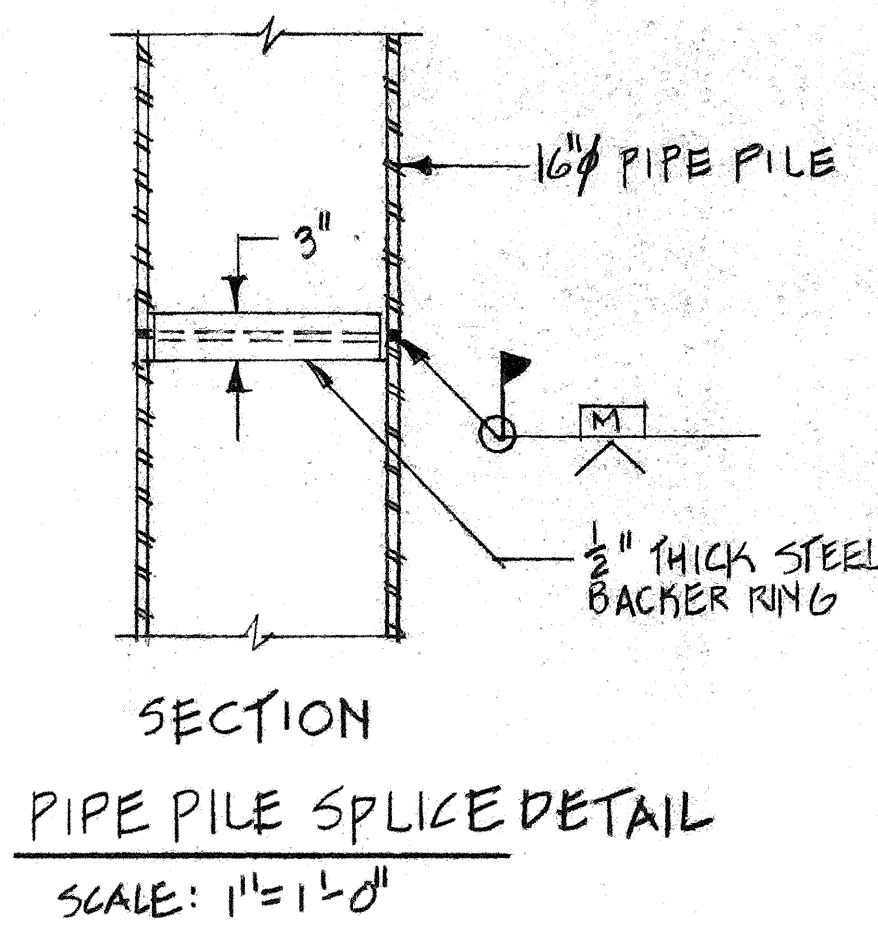
DOLPHIN/DECK STIRRUP PLACEMENT DETAILS
SCALE: $\frac{3}{8}" = 1'-0"$



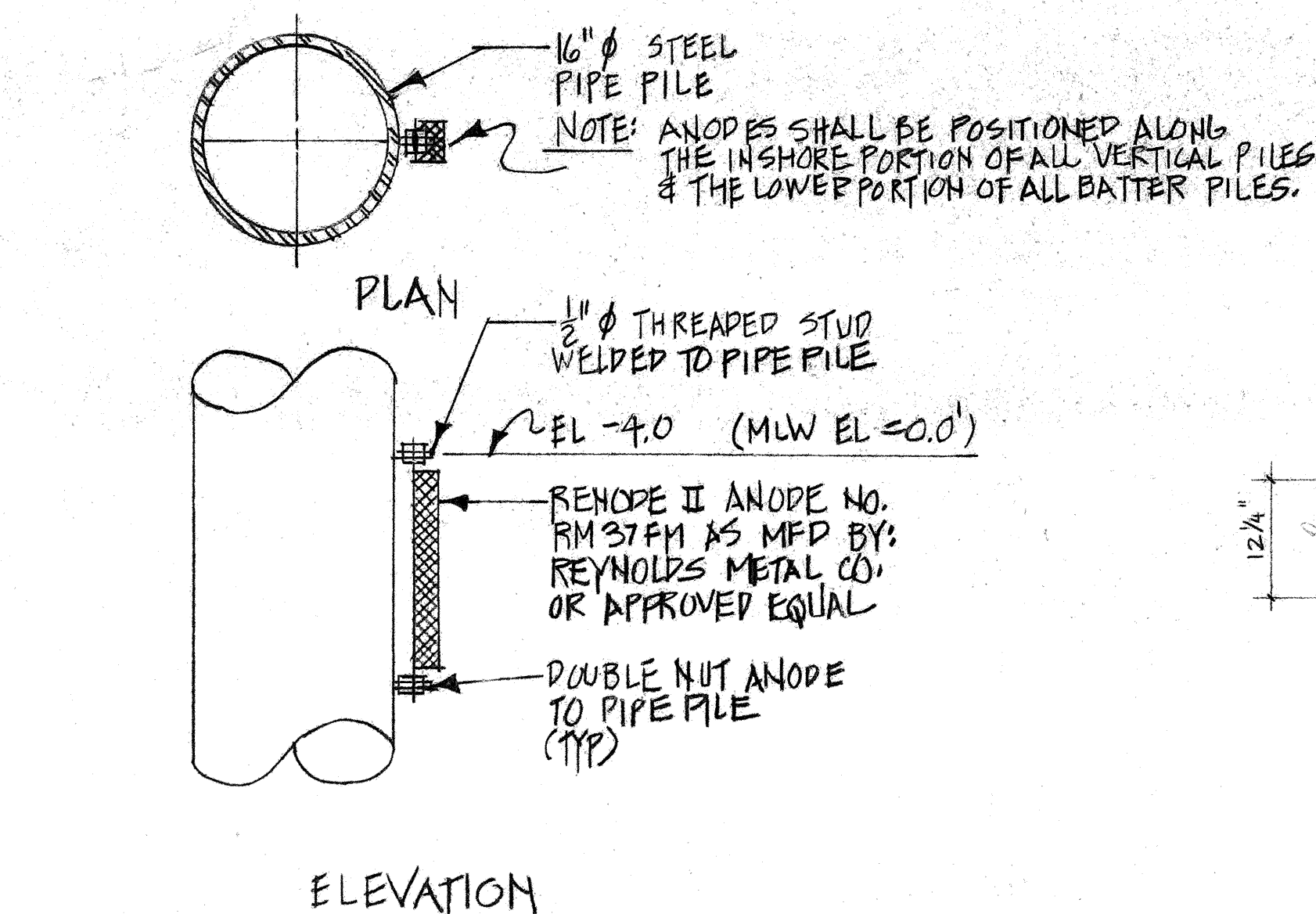
2 SECTION - CORNER AT ALTERNATE #1
1515 SCALE: $\frac{3}{4}" = 1'-0"$



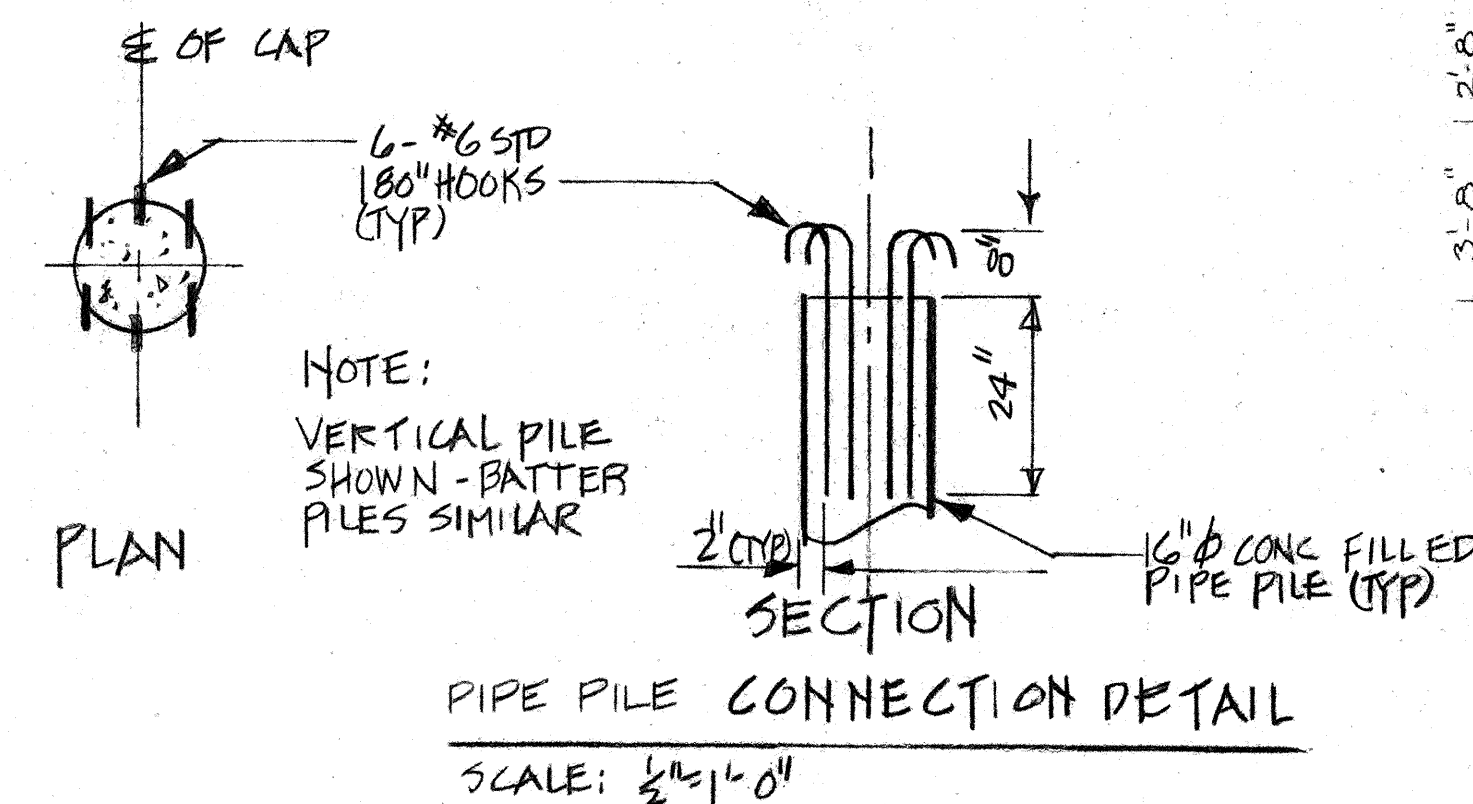
PIPE PILE POINT
SCALE: 1" = 1'-0"



SECTION
PIPE PILE SPLICE DETAIL
SCALE: 1" = 1'-0"

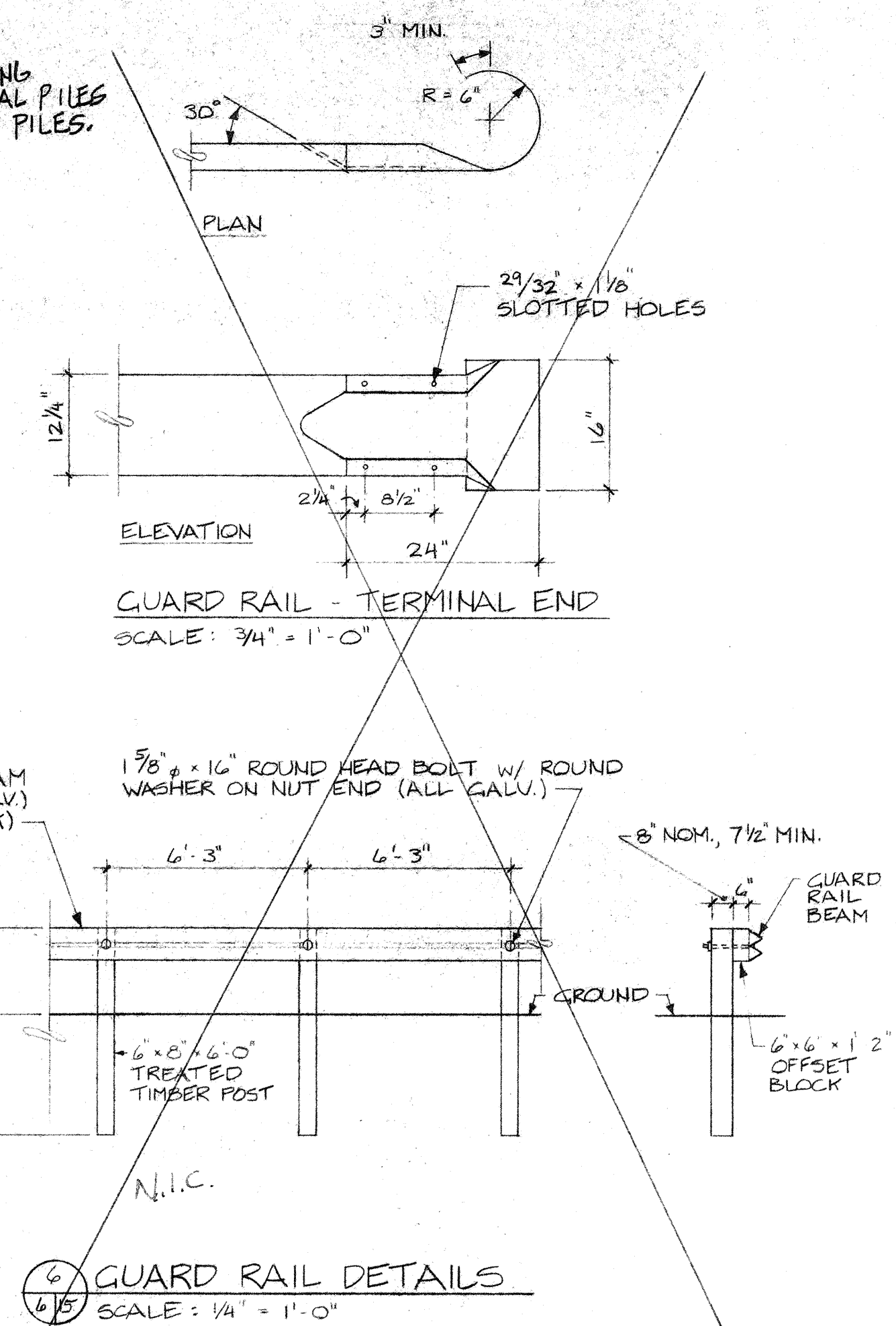


CATHODIC PROTECTION - PIPE PILES
NOT TO SCALE

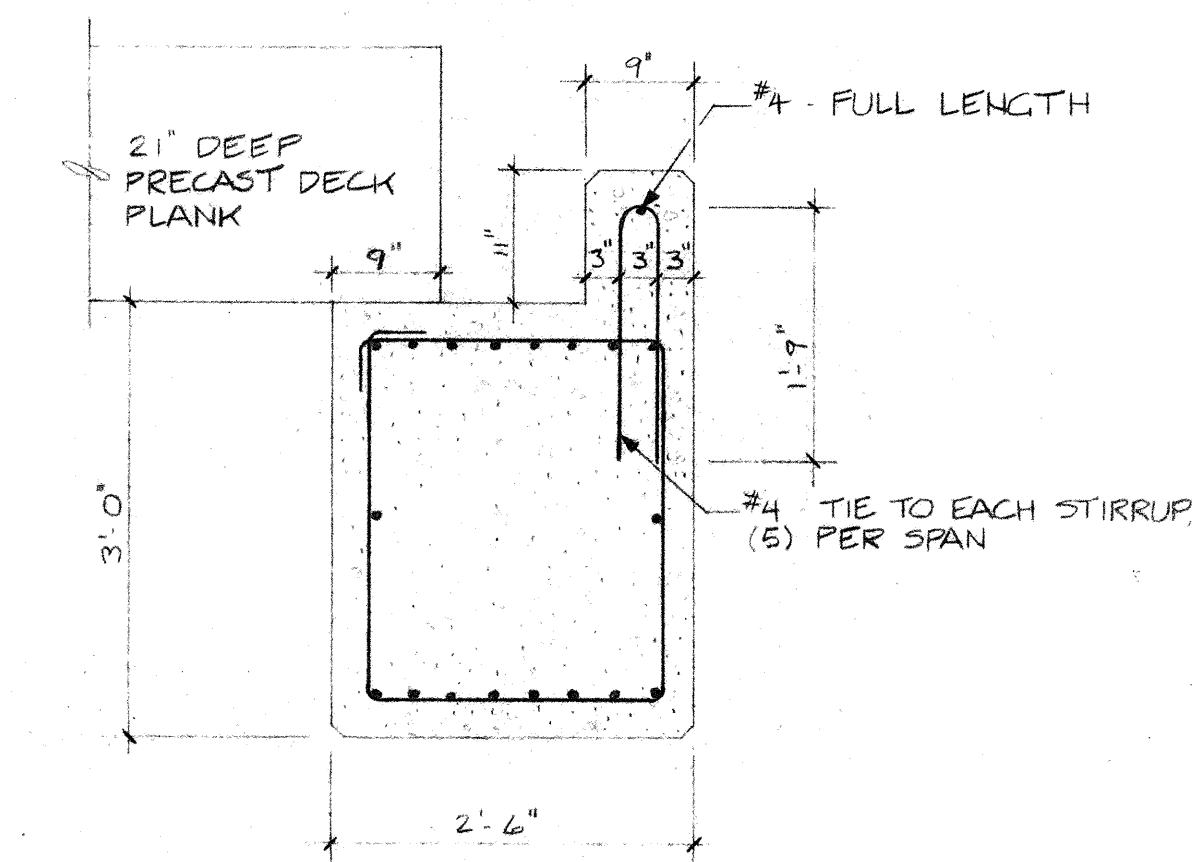


PIPE PILE CONNECTION DETAIL

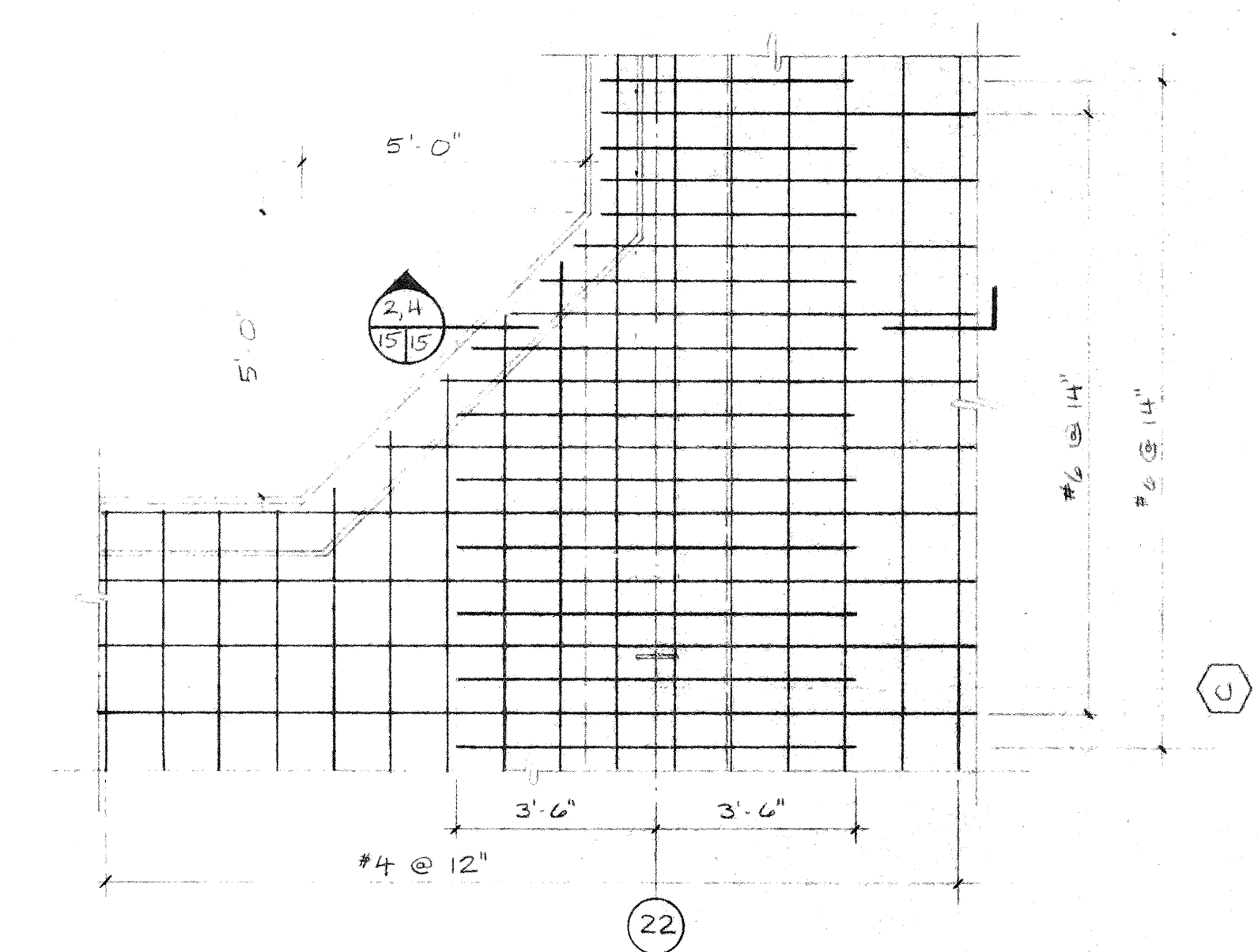
SCALE: $\frac{1}{2}" = 1'-0"$



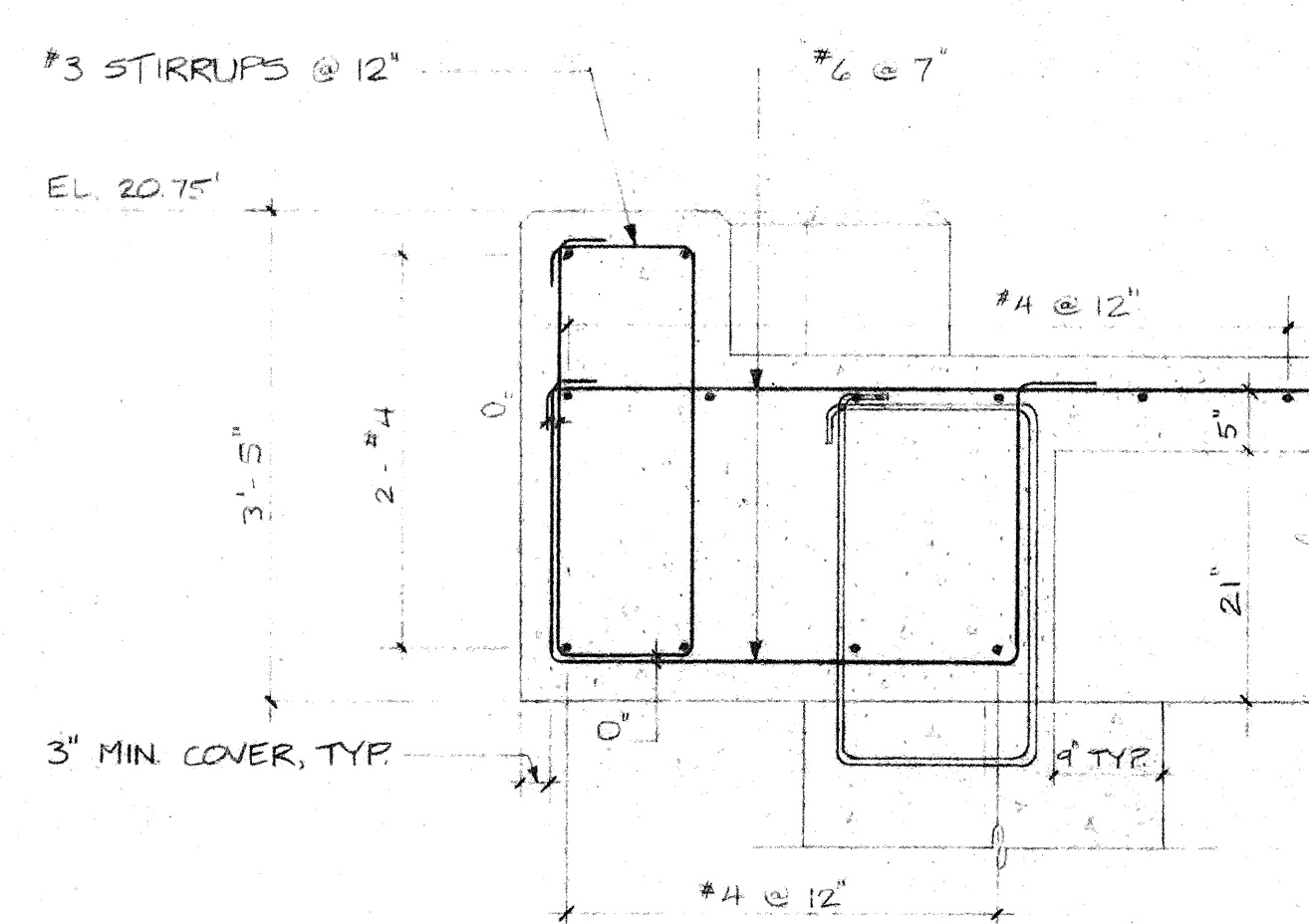
6 GUARD RAIL DETAILS
6/15 SCALE: 1/4" = 1'-0"



5 SECTION - 450[#]/1000[#] TRANSITION
13/5 SCALE: 3/4" = 1' - 0"

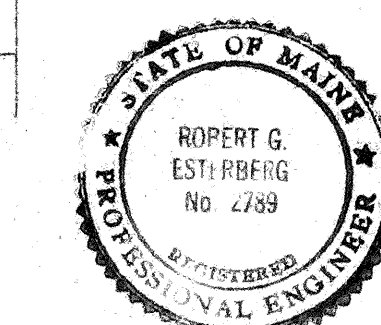


3 CORNER DECK & CURB DETAIL
13/15 SCALE: 3/8" = 1'-0"



4 SECTION - CORNER AT BASE BID
1515 SCALE: $\frac{3}{4}" = 1'-0"$

- Note:
- 1) Piles shall be A252 Grade B steel seamless or ERW with fusion bonded epoxy coating and concrete fill.
 - 2) Concrete shall have a compressive strength of 4000 psi @ 28 days.
 - 3) Reinforcing shall be grade 60 epoxy coated and conform to ASTM A615 and A775.
 - 4) Chamfer all edges 1" @ 45° except where noted.
 - 5) Minimum concrete coverage over reinforcing shall be 3".
 - 6) Splicing of reinforcement: #6 bars - 24"
#4 bars - 12"
 - 7) CONTRACTOR SHALL VERIFY ALL DIMENSIONS.
 - 8) DESIGN DRIVING CAPACITY OF PILES SHALL BE 135 TONS.



RECORD DRAWING

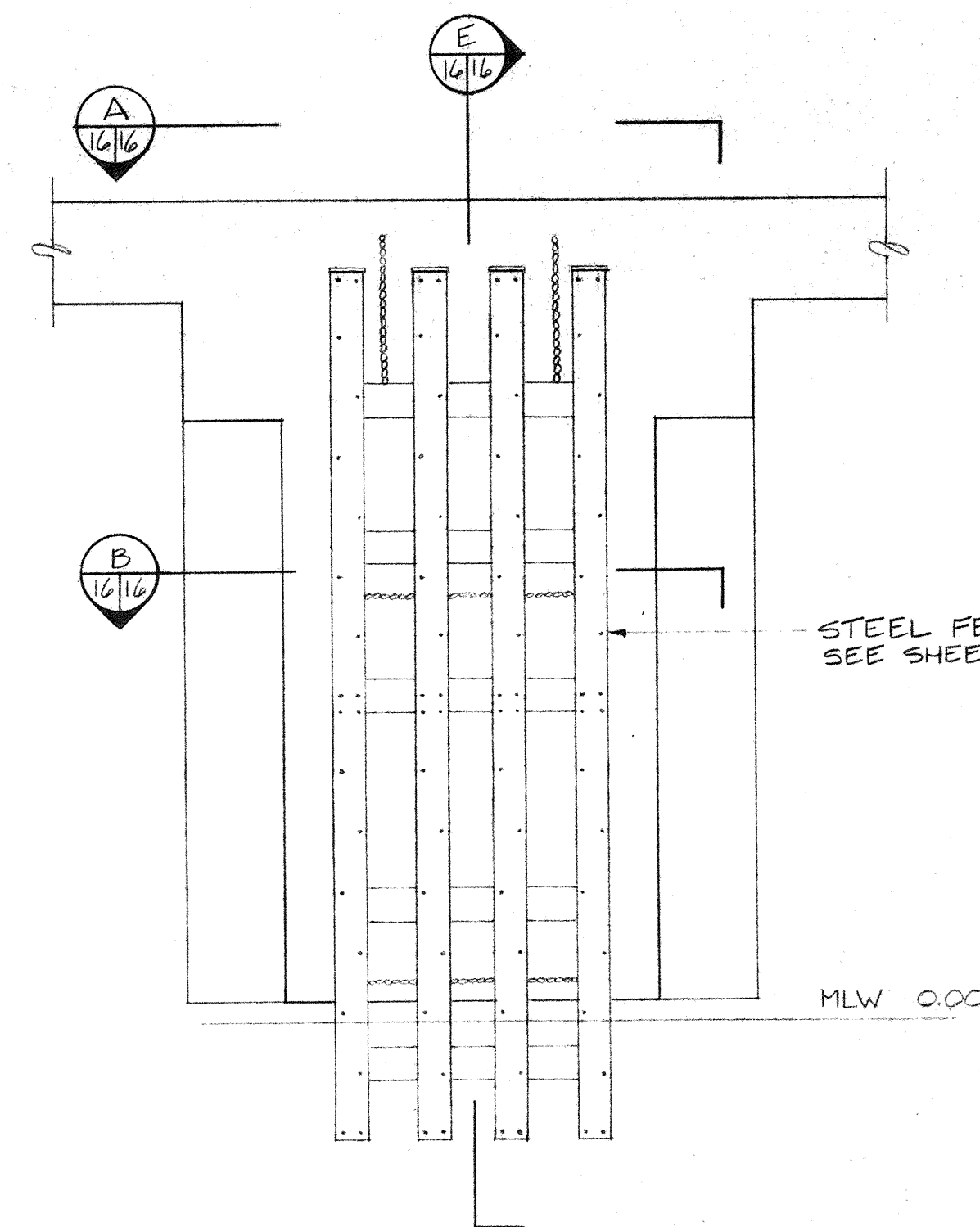
MISCELLANEOUS
STRUCTURAL DETAILS

INTERNATIONAL FERRY TERMINAL RECONSTRUCTION

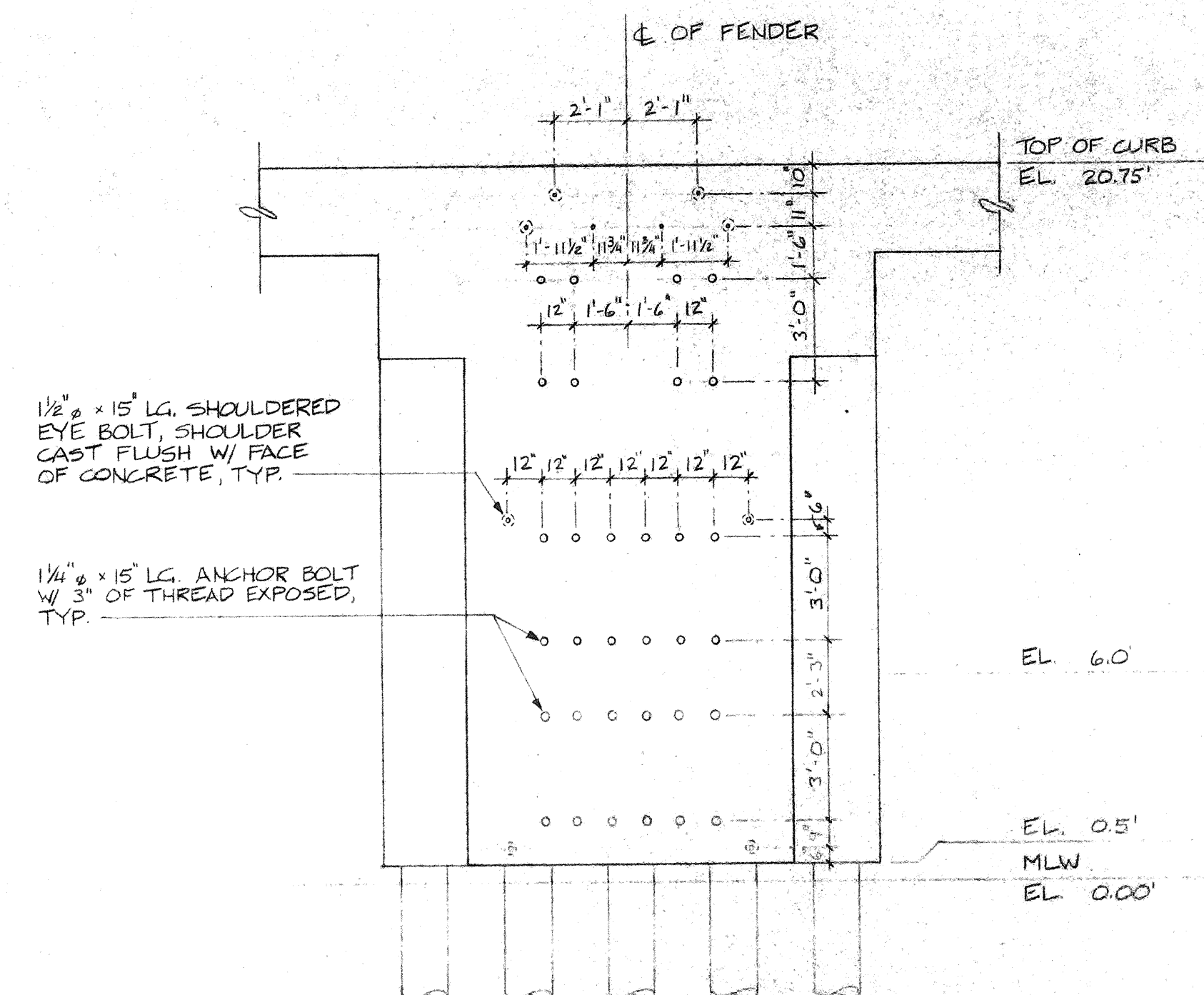
CITY OF PORTLAND, PORTLAND
ME.

TEC ASSOCIATES CONSULTING ENGINEERS
169 Front Street South Portland, Maine 04106

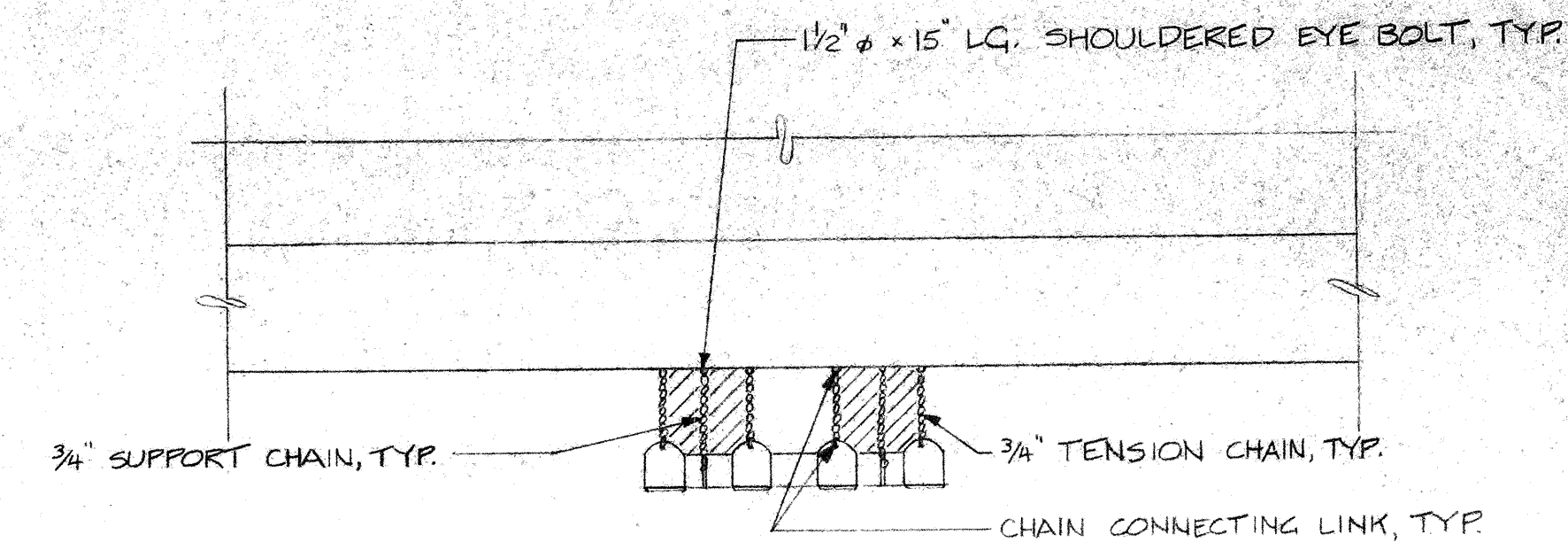
SCALE AS NOTED		DATE 9/18/92	
JOB NO 9713	DRWN BY RE	REV. NO.	DRWG NO. 15



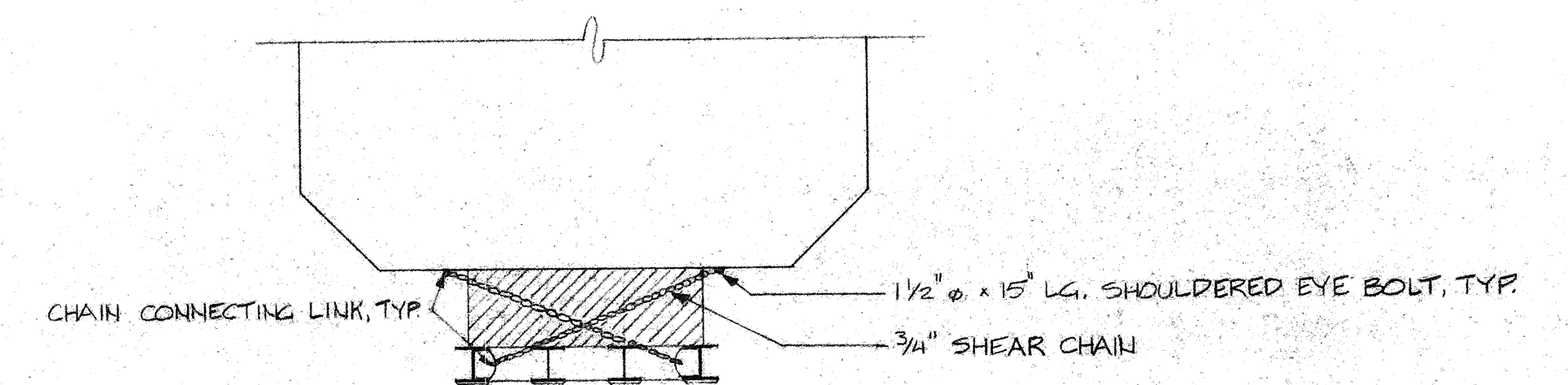
FENDER ASSEMBLY - ELEVATION
SCALE: 1/4" = 1'-0"



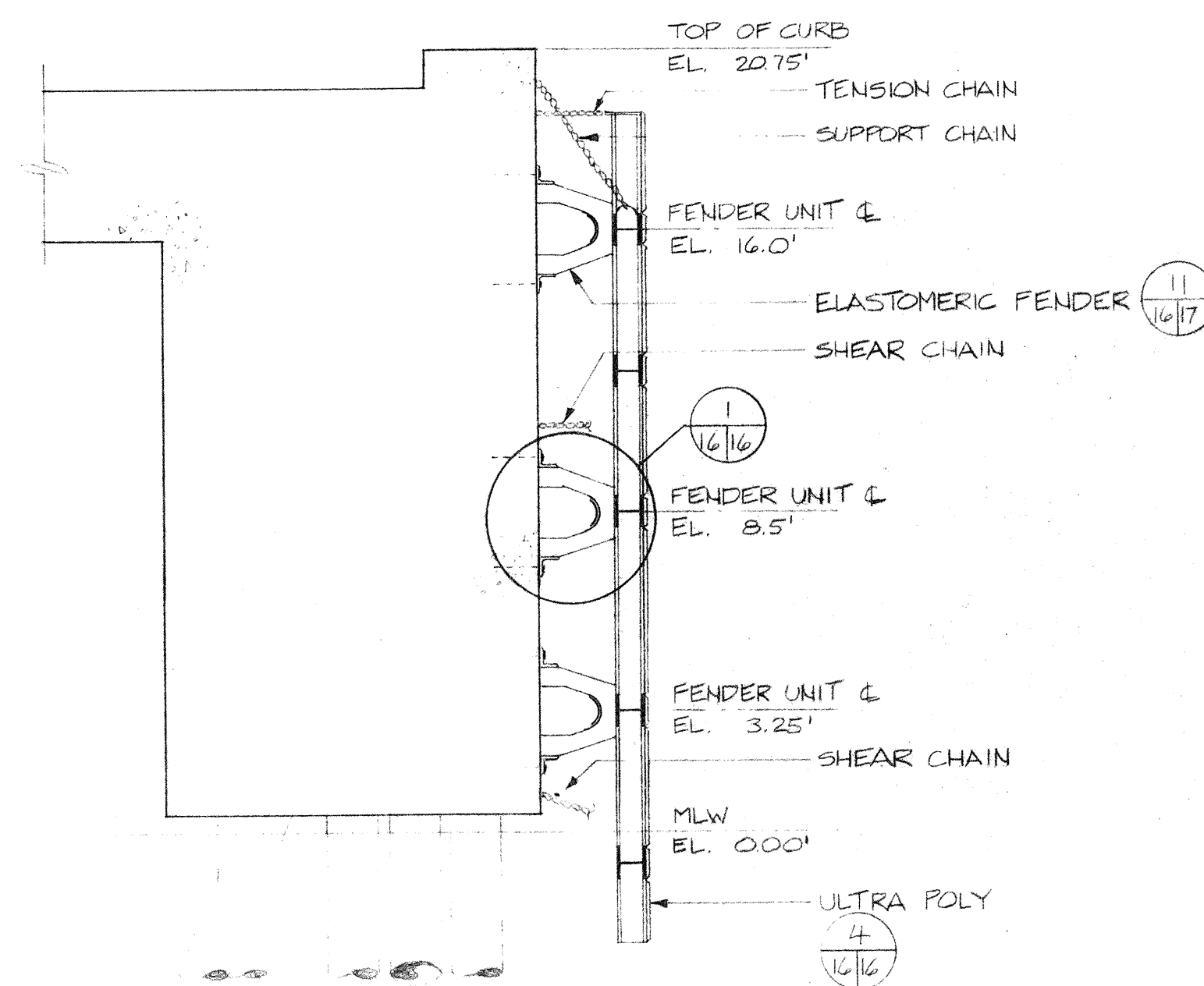
FENDER BOLTING PATTERN - ELEVATION
SCALE: 1/4" = 1'-0"



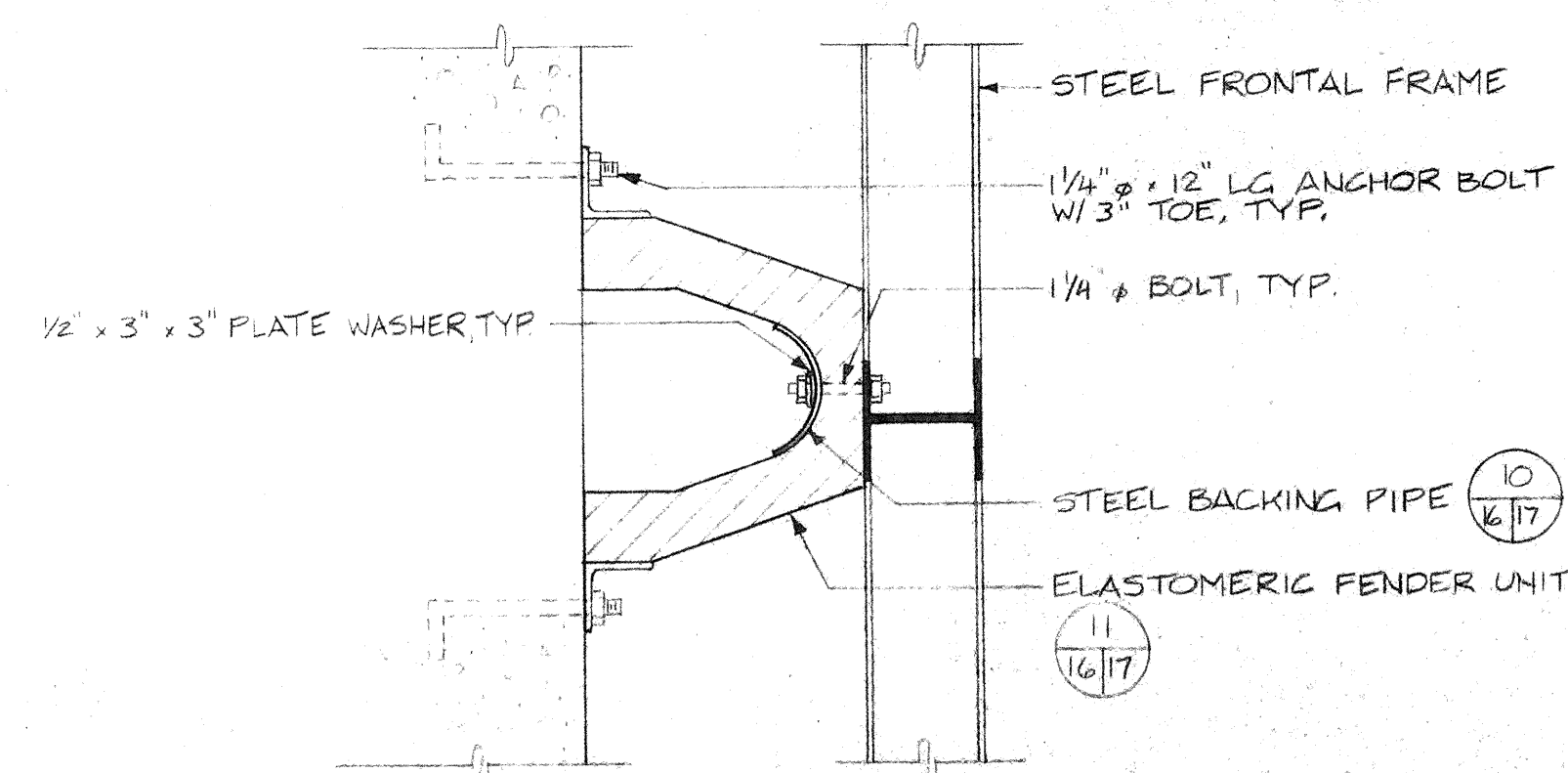
A FENDER CHAIN INSTALLATION
SCALE: 1/4" = 1'-0"



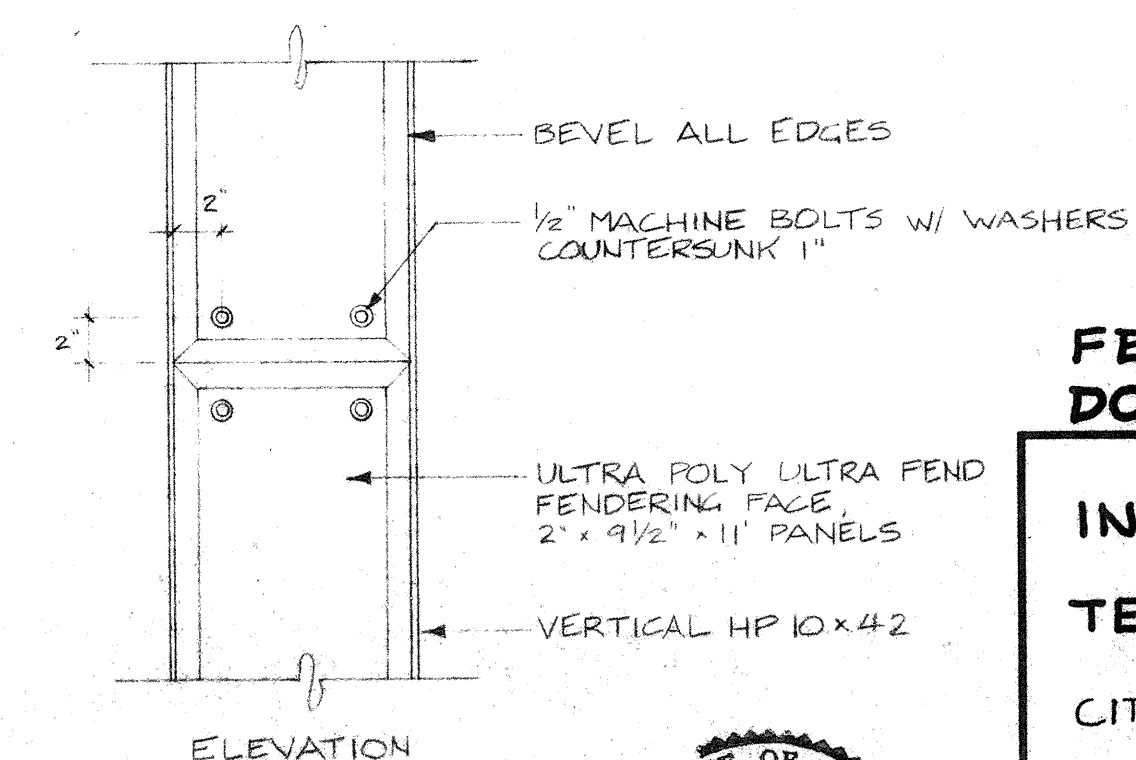
B FENDER CHAIN INSTALLATION
SCALE: 1/4" = 1'-0"



E FENDER ASSEMBLY - SECTION
SCALE: 1/4" = 1'-0"



1 ELASTOMERIC FENDER ATTACHMENT
SCALE: 3/4" = 1'-0"



4 ULTRA POLY DETAIL
SCALE: 1/2" = 1'-0"

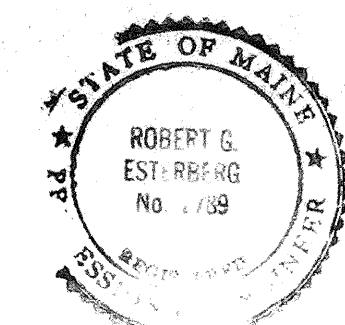
NOTE:
ALL FASTENERS SHALL BE GALVANIZED
CONTRACTOR SHALL VERIFY ALL DIMENSIONS.

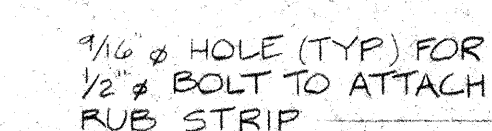
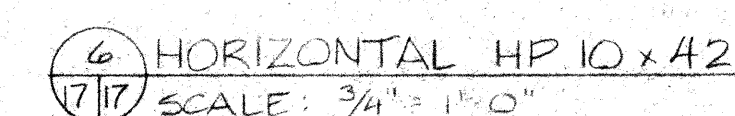
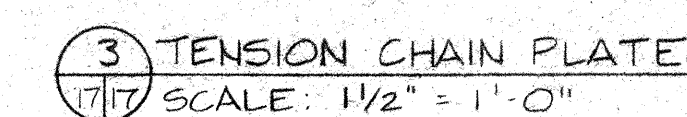
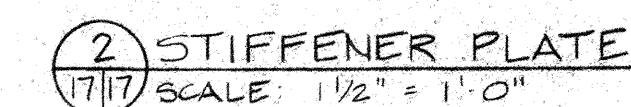
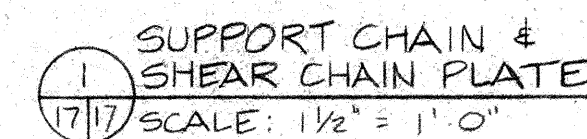
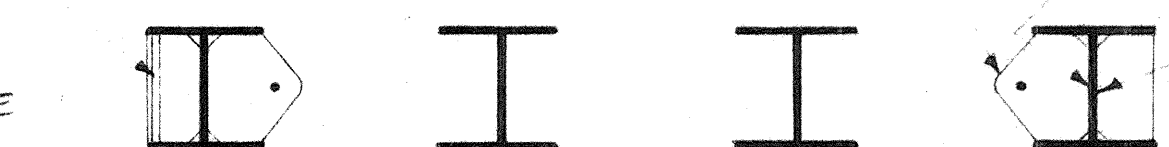
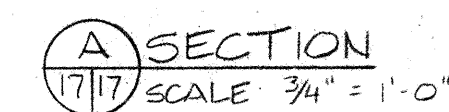
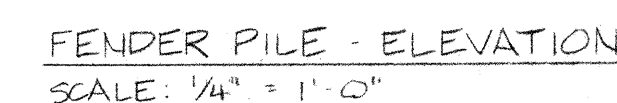
RECORD DRAWING
FENDER
DOLPHIN ASSEMBLY

INTERNATIONAL FERRY
TERMINAL RECONSTRUCTION
CITY OF PORTLAND, PORTLAND ME.

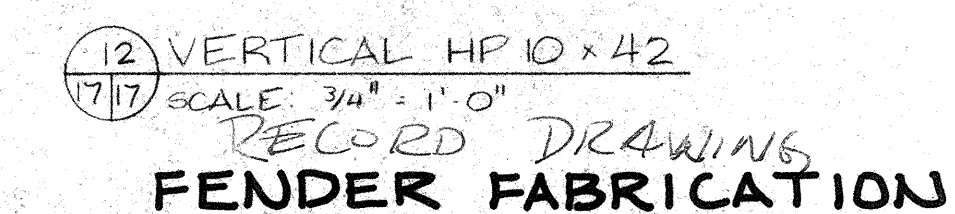
TEC ASSOCIATES CONSULTING ENGINEERS
169 Front Street South Portland, Maine 04106

SCALE AS NOTED	DATE 9/18/92
JOB NO 9213	DRWN BY REV NO
	DRWG NO 16





NOTE:
CONTRACTOR SHALL VERIFY ALL DIMENSIONS

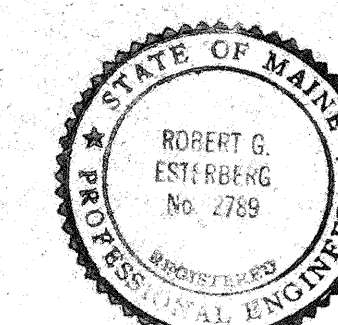


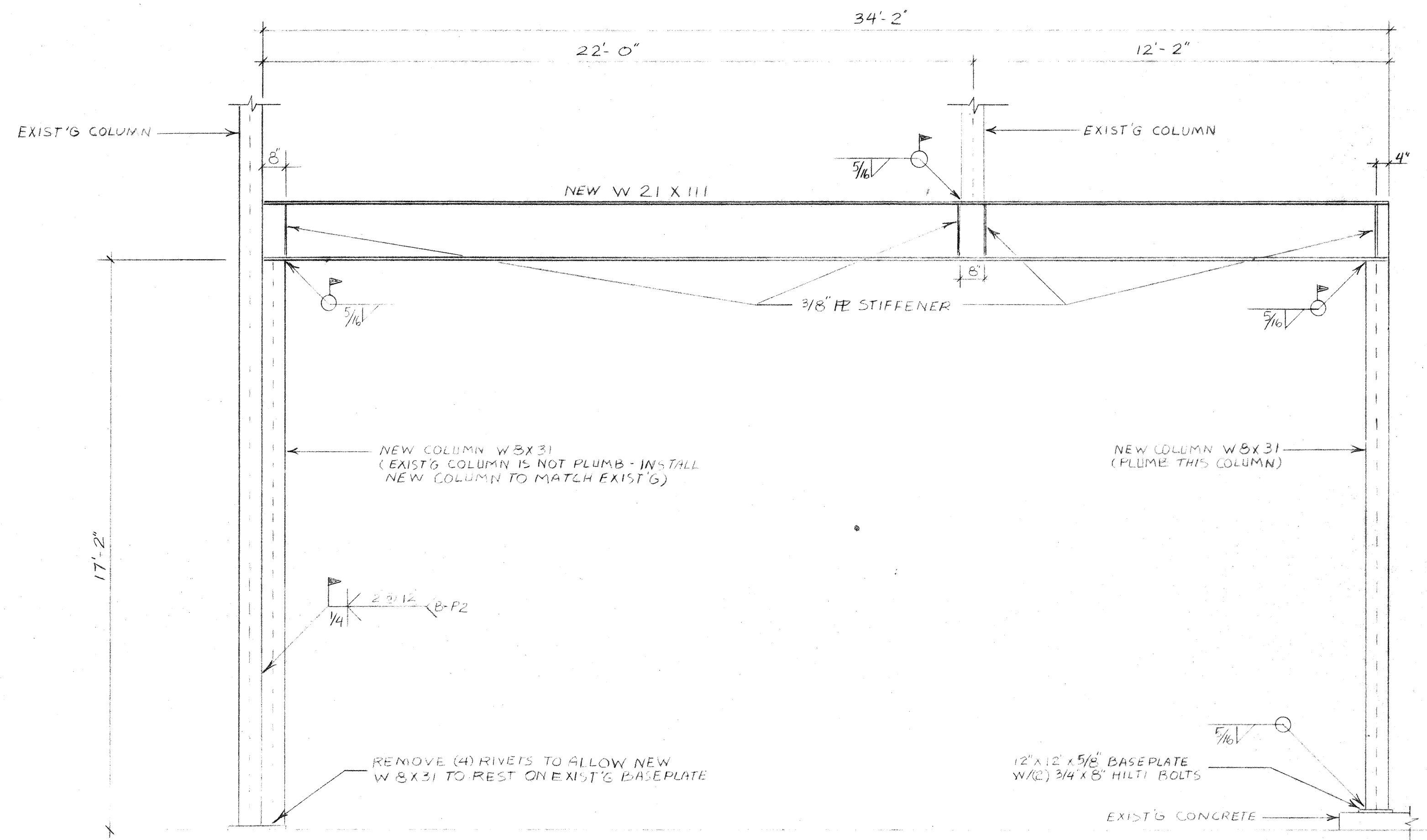
INTERNATIONAL FERRY
TERMINAL RECONSTRUCTION
CITY OF PORTLAND, PORTLAND
ME.

TEC ASSOCIATES CONSULTING ENGINEERS
169 Front Street South Portland, Maine 04106

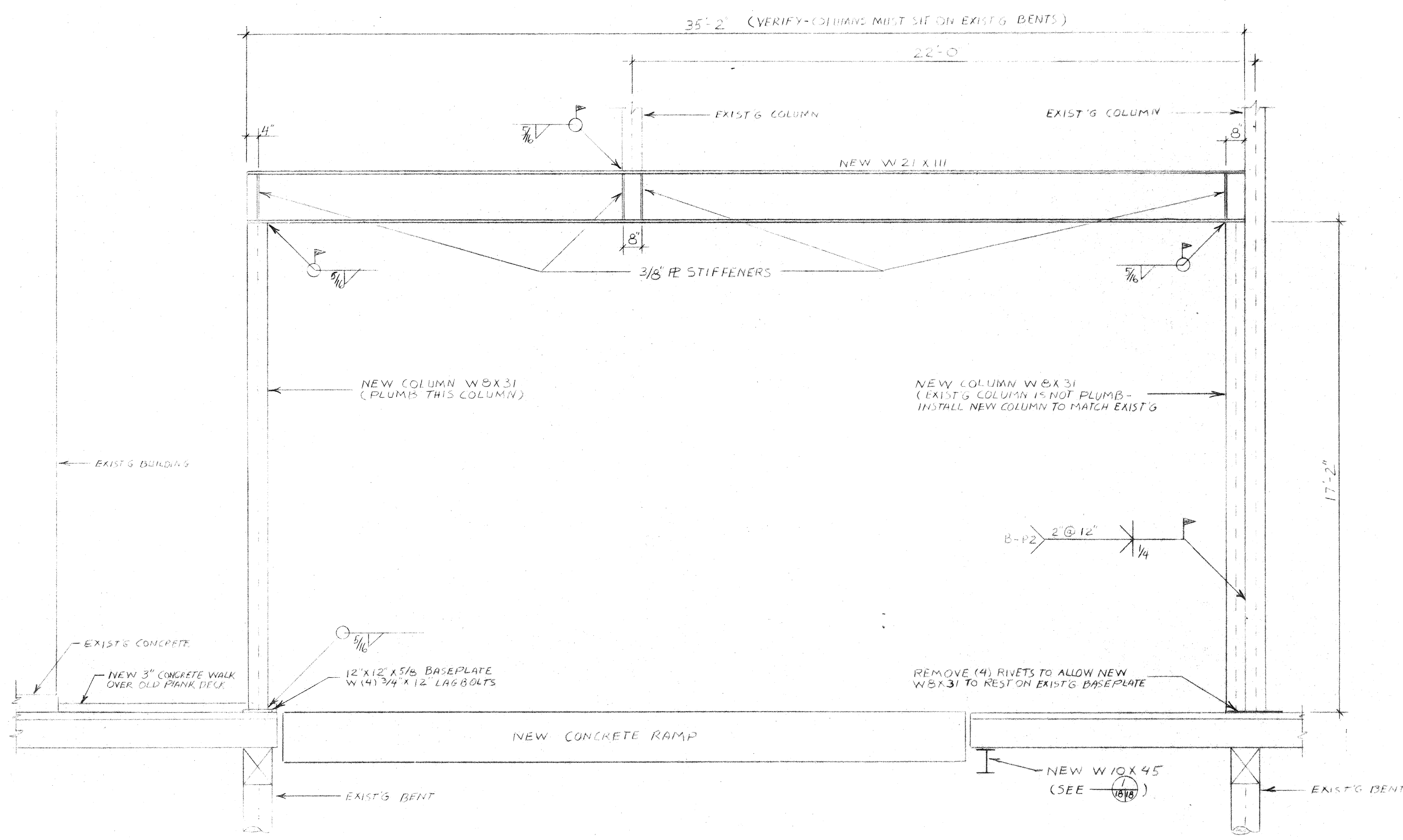
SCALE AS NOTED	DATE 9/18/92
----------------	--------------

JOB NO 9213	DRWN BY JS	REV. NO.	DRWG NO 17
----------------	---------------	----------	---------------

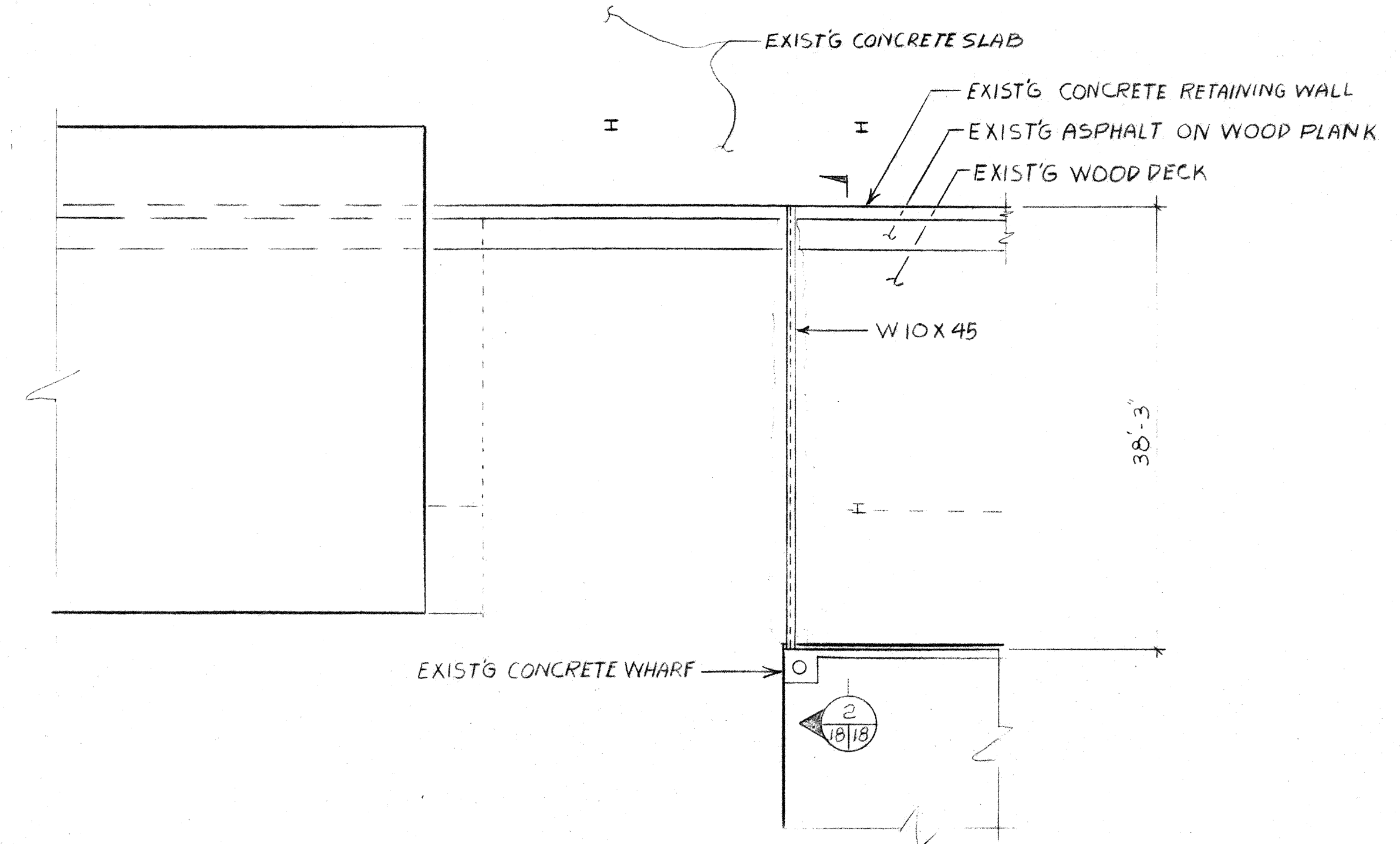




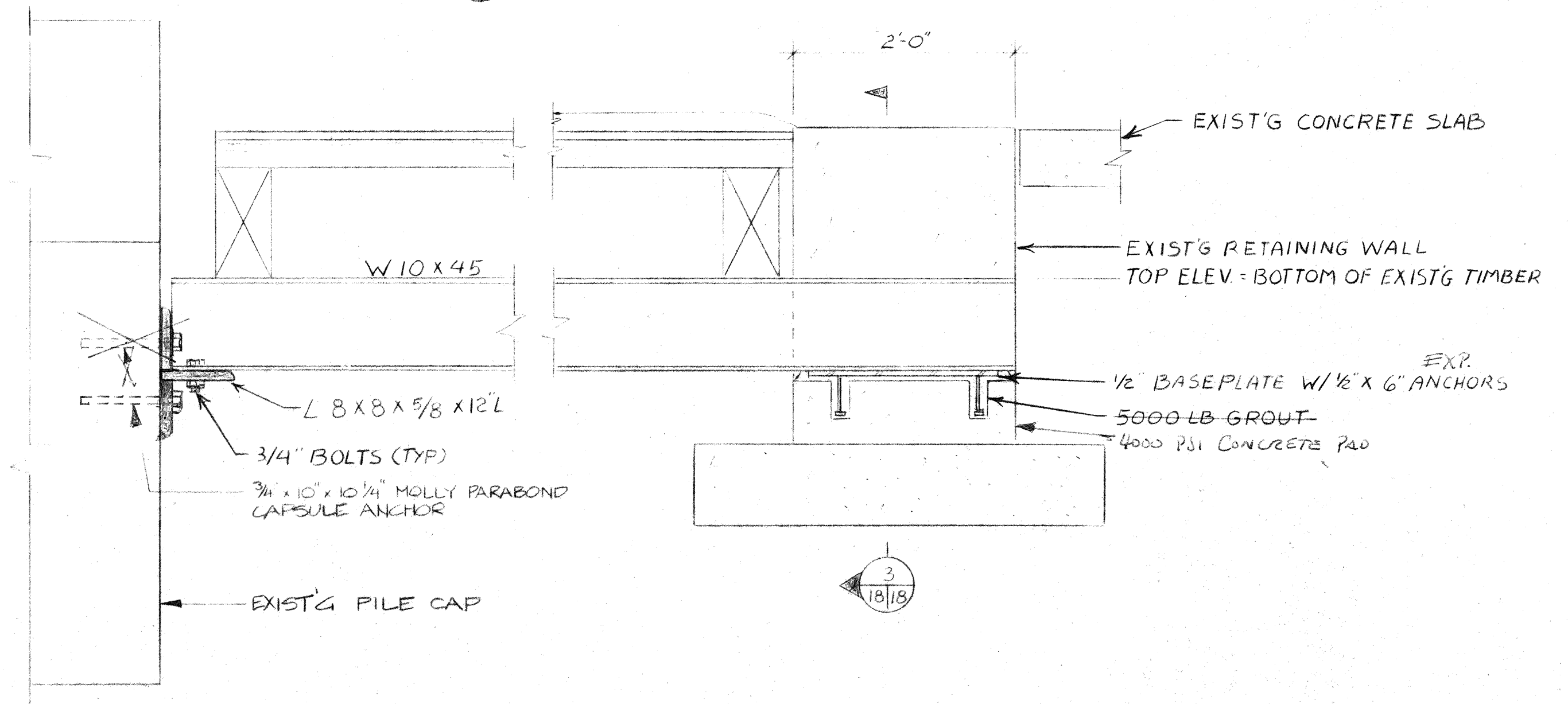
ELEVATION - MIDDLE RAMP AREA
SCALE: 3/8" = 1'-0"



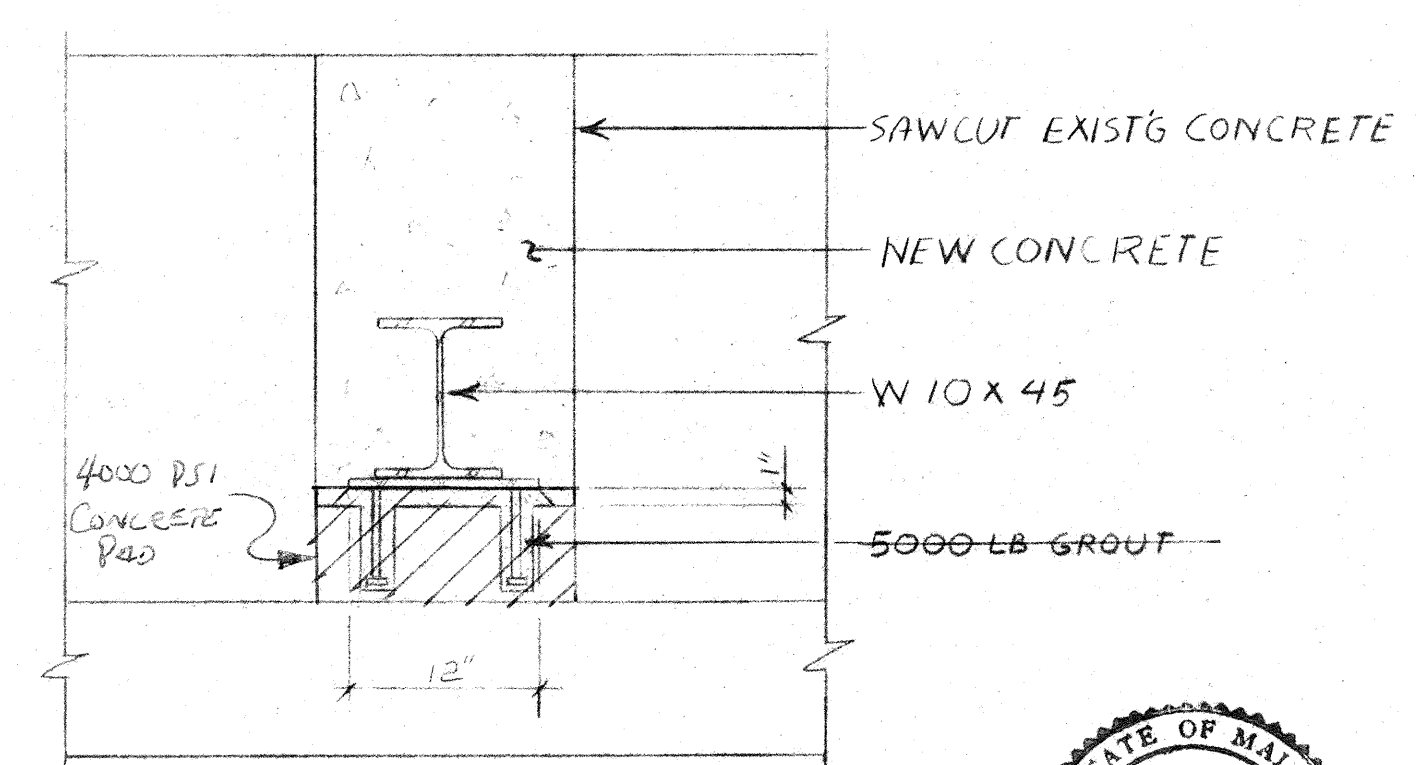
ELEVATION - EAST RAMP AREA
SCALE: 3/8" = 1'-0"



PLAN
SCALE: 1" = 10'



SECTION
SCALE: 1" = 1'-0"

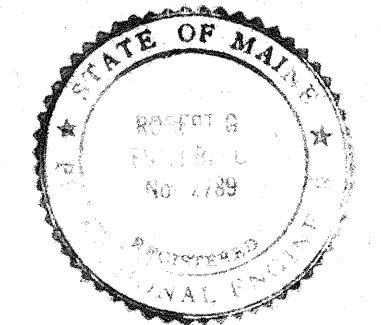


SECTION
SCALE: 1" = 1'-0"

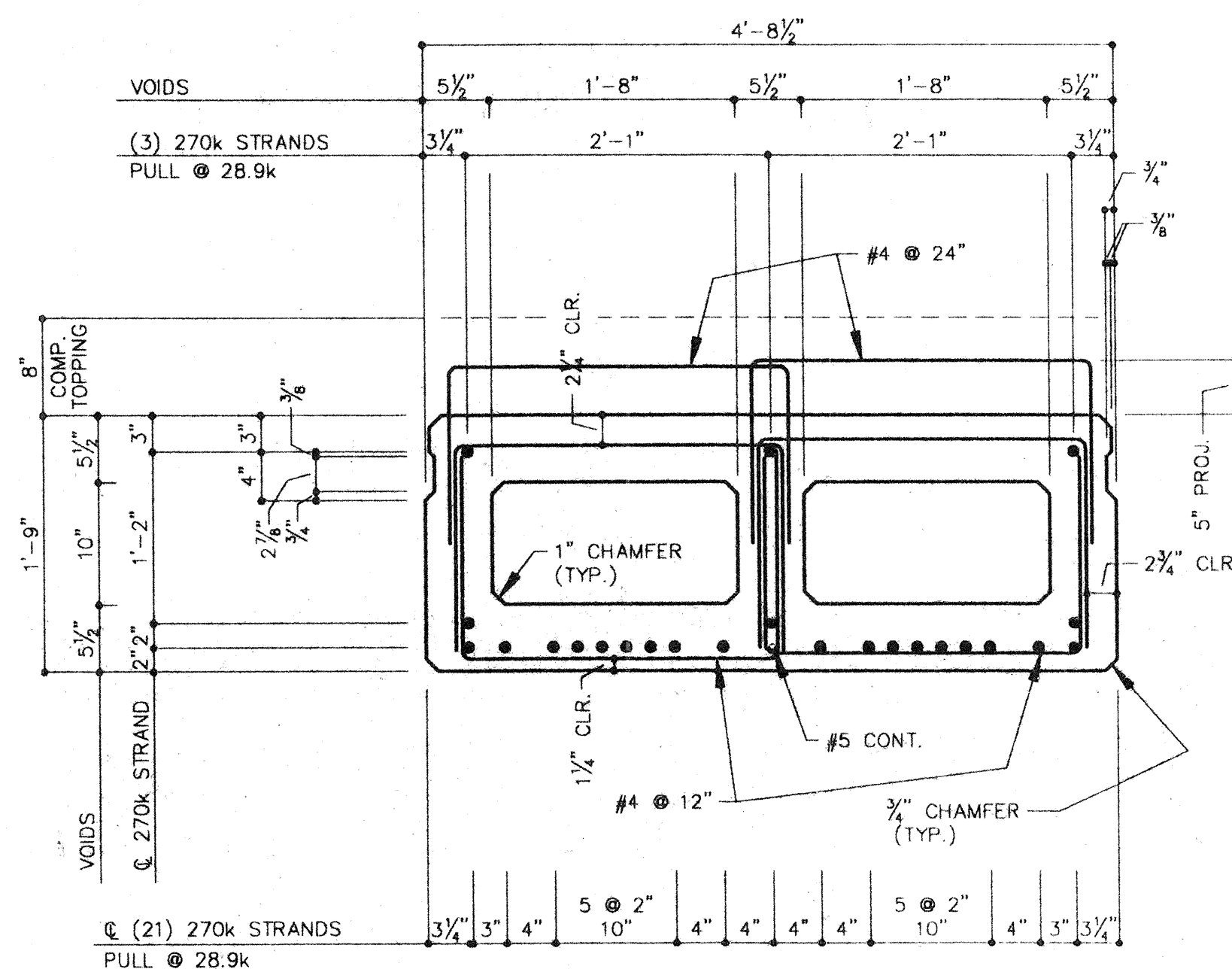
NOTE:
Contractor shall verify all dimensions.

RECORD DRAWING
MISCELLANEOUS DETAILS

INTERNATIONAL FERRY
TERMINAL RECONSTRUCTION
CITY OF PORTLAND, PORTLAND
ME.



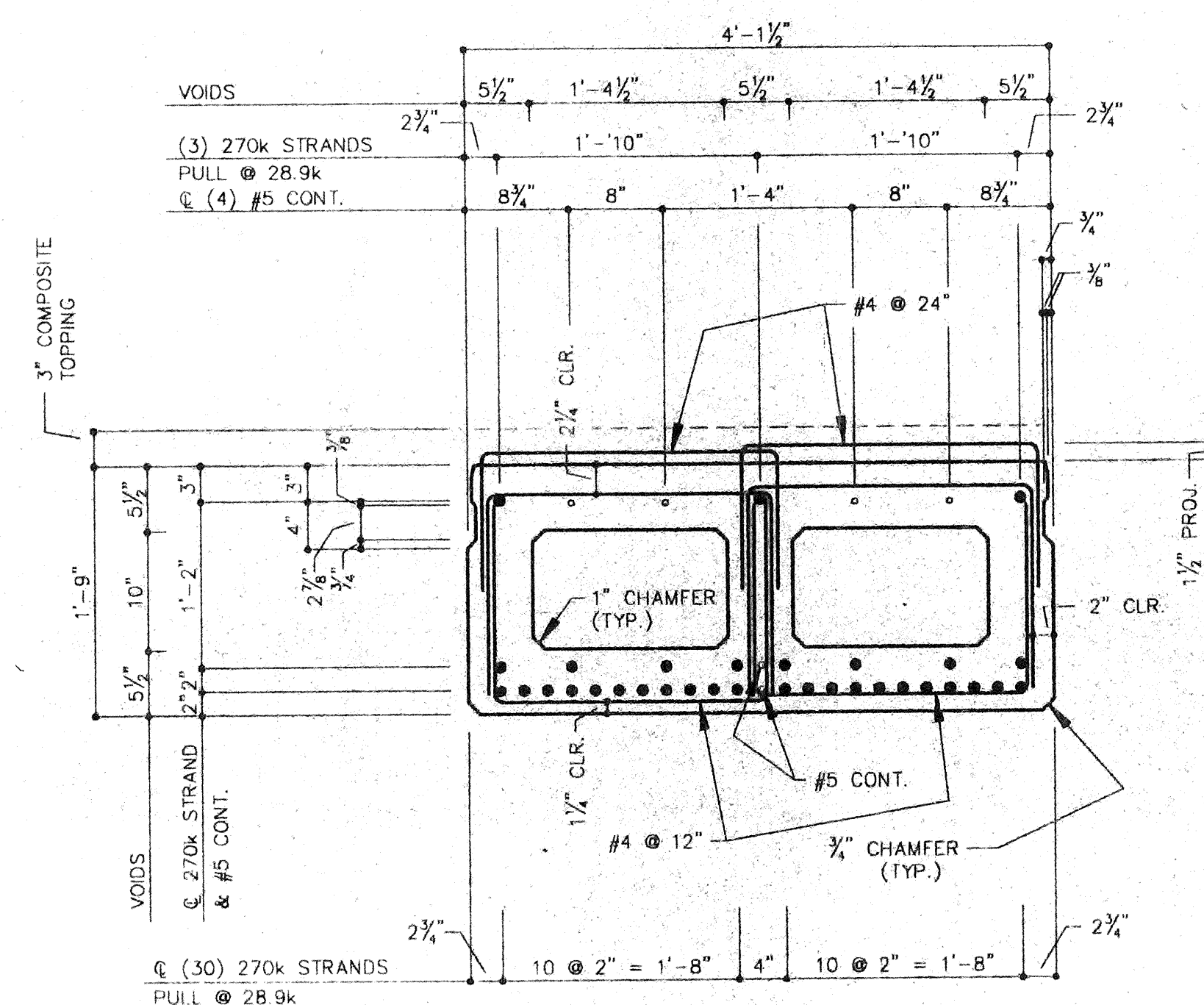
TEC ASSOCIATES CONSULTING ENGINEERS		169 Front Street South Portland, Maine 04106	
SCALE AS NOTED	DATE	9/18/92	
JOB NO. 92/3	DRAWN BY BW	REV. NO.	18
		DRWG NO.	



$f'_{ci} = 4,000 \text{ PSI}$
 $f'_c = 6,000 \text{ PSI}$

NO LATERAL POST-TENSIONING
 EXTEND STRANDS 11" @ INTERIOR SUPPORTS FOR COMPOSITE POUR

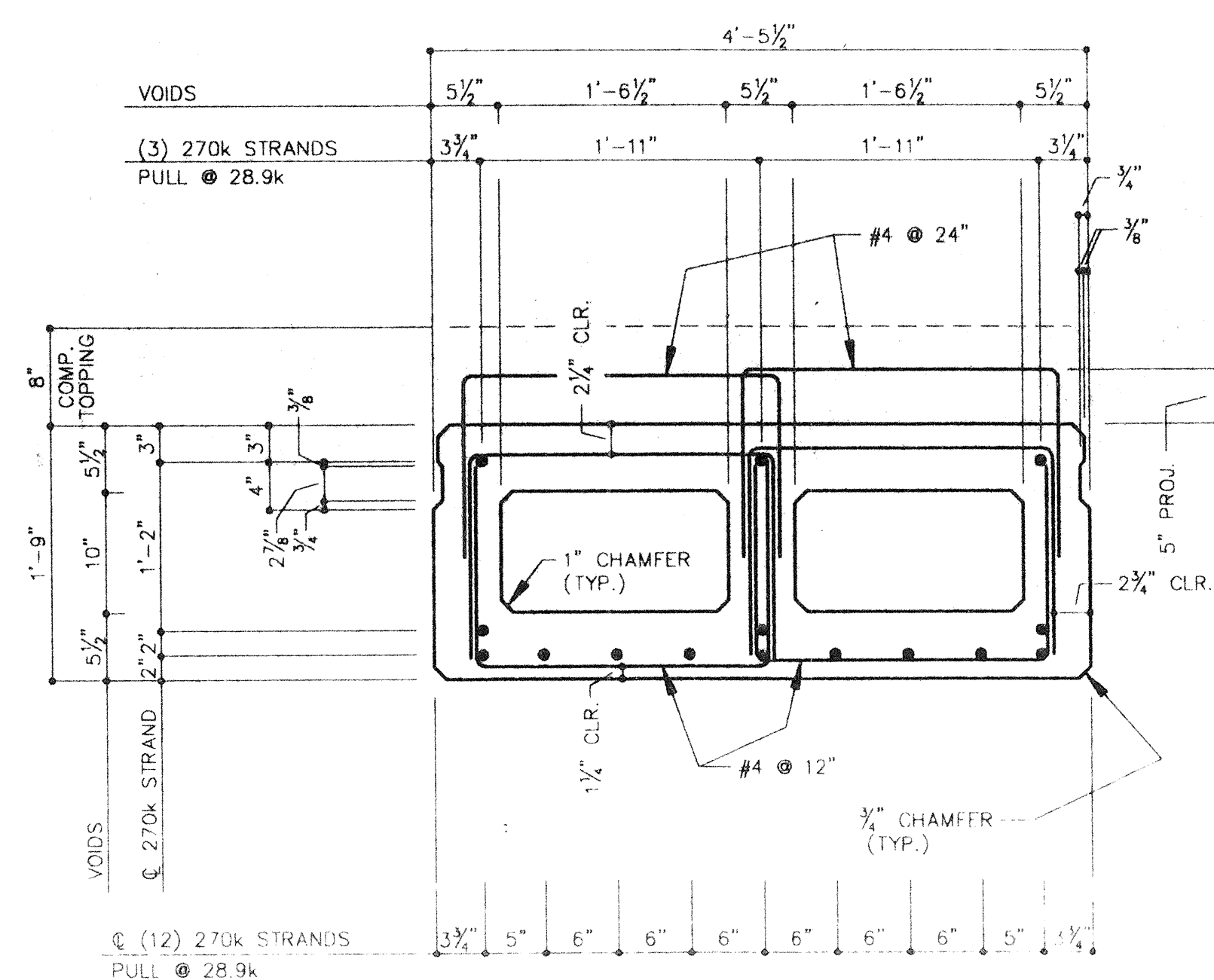
47'-0" BEAM



$f'_{ci} = 4,600 \text{ PSI}$
 $f'_c = 6,000 \text{ PSI}$

POST-TENSION LATERALLY W/(3) 1/2" POLYSTANDS @ 10 k EACH

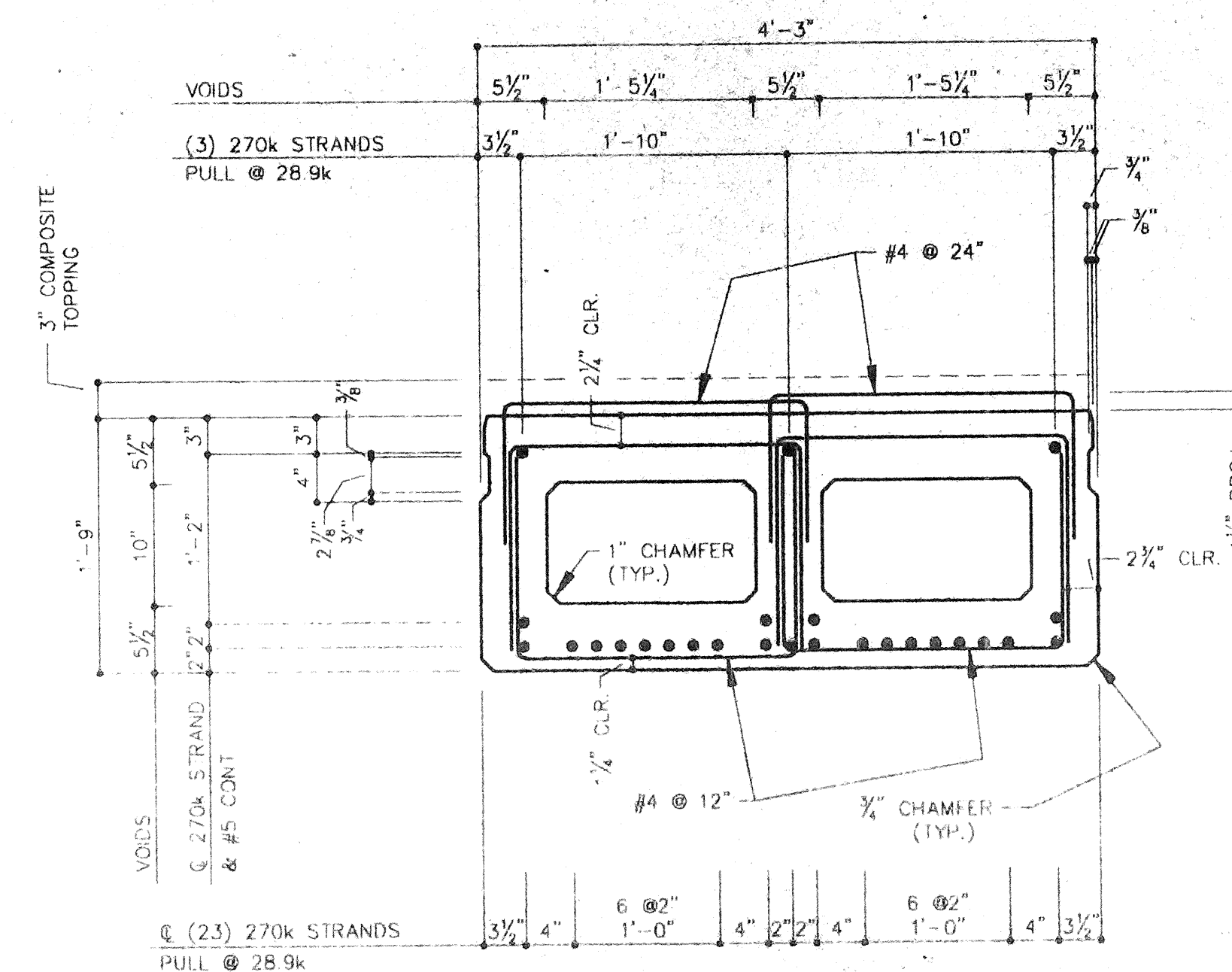
EAST RAMP



$f'_{ci} = 4,000 \text{ PSI}$
 $f'_c = 6,000 \text{ PSI}$

NO LATERAL POST-TENSIONING

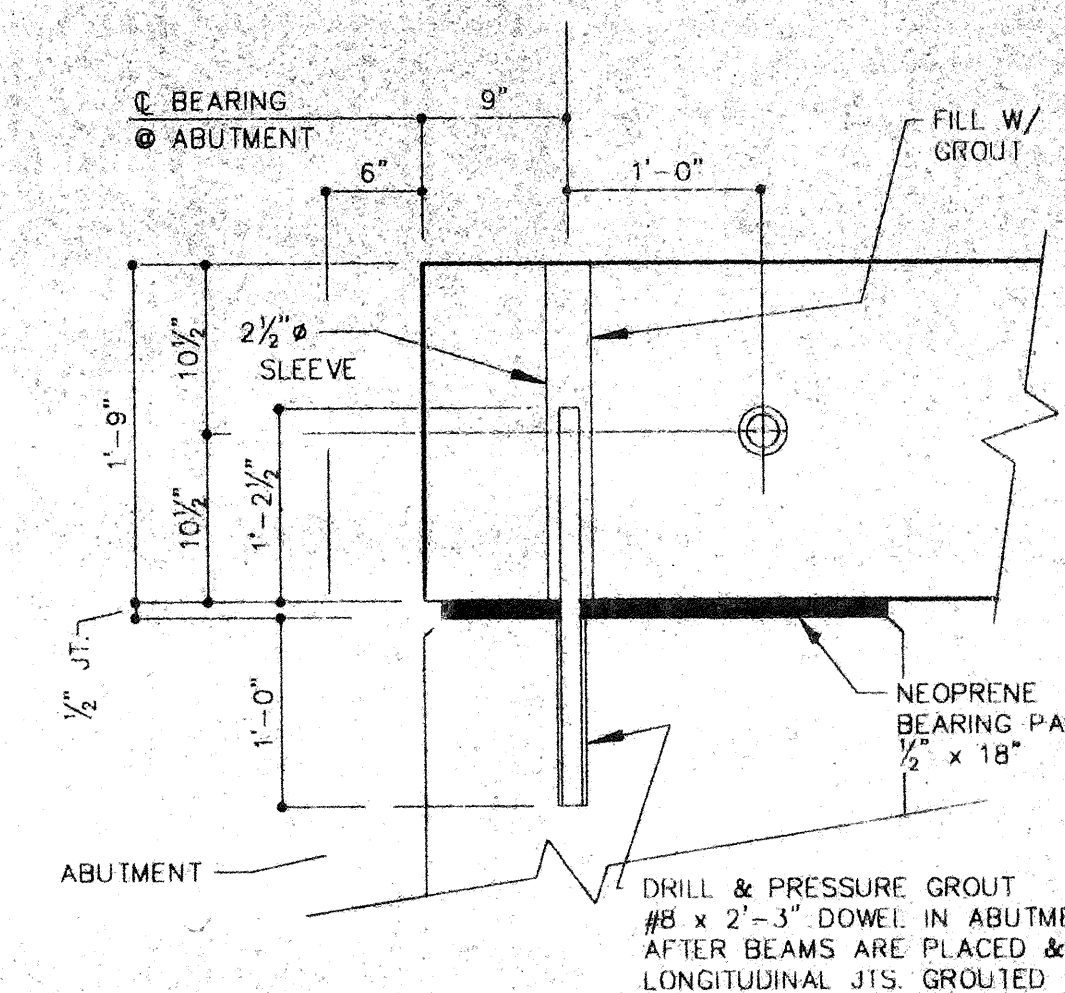
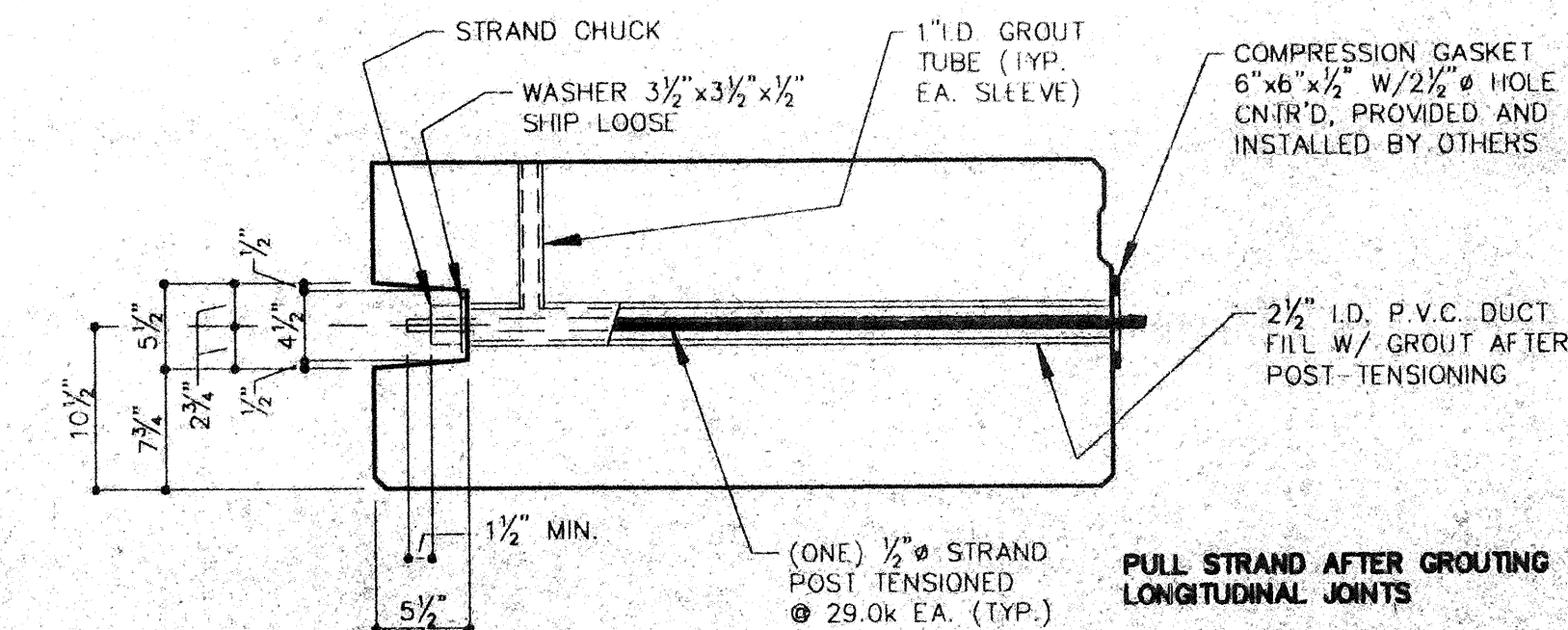
35'-0" BEAM



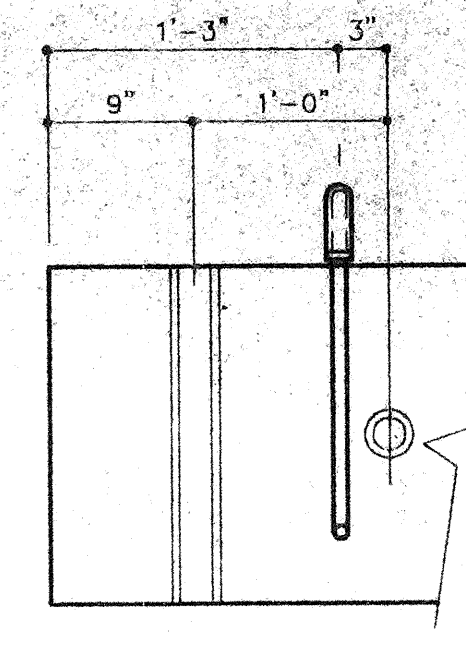
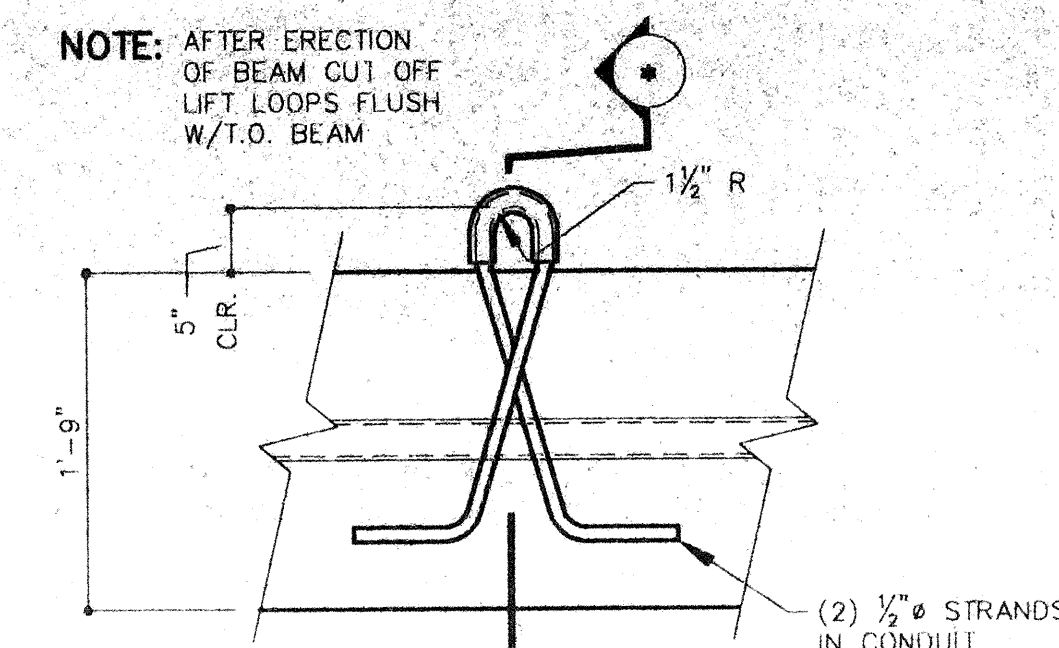
$f'_{ci} = 4,000 \text{ PSI}$
 $f'_c = 6,000 \text{ PSI}$

POST-TENSION LATERALLY W/(3) 1/2" POLYSTANDS @ 10 k EACH

MIDDLE RAMP



BEARING @ BEAM ENDS
 (SIMILAR @ INTERIOR SUPPORTS)



SECTION

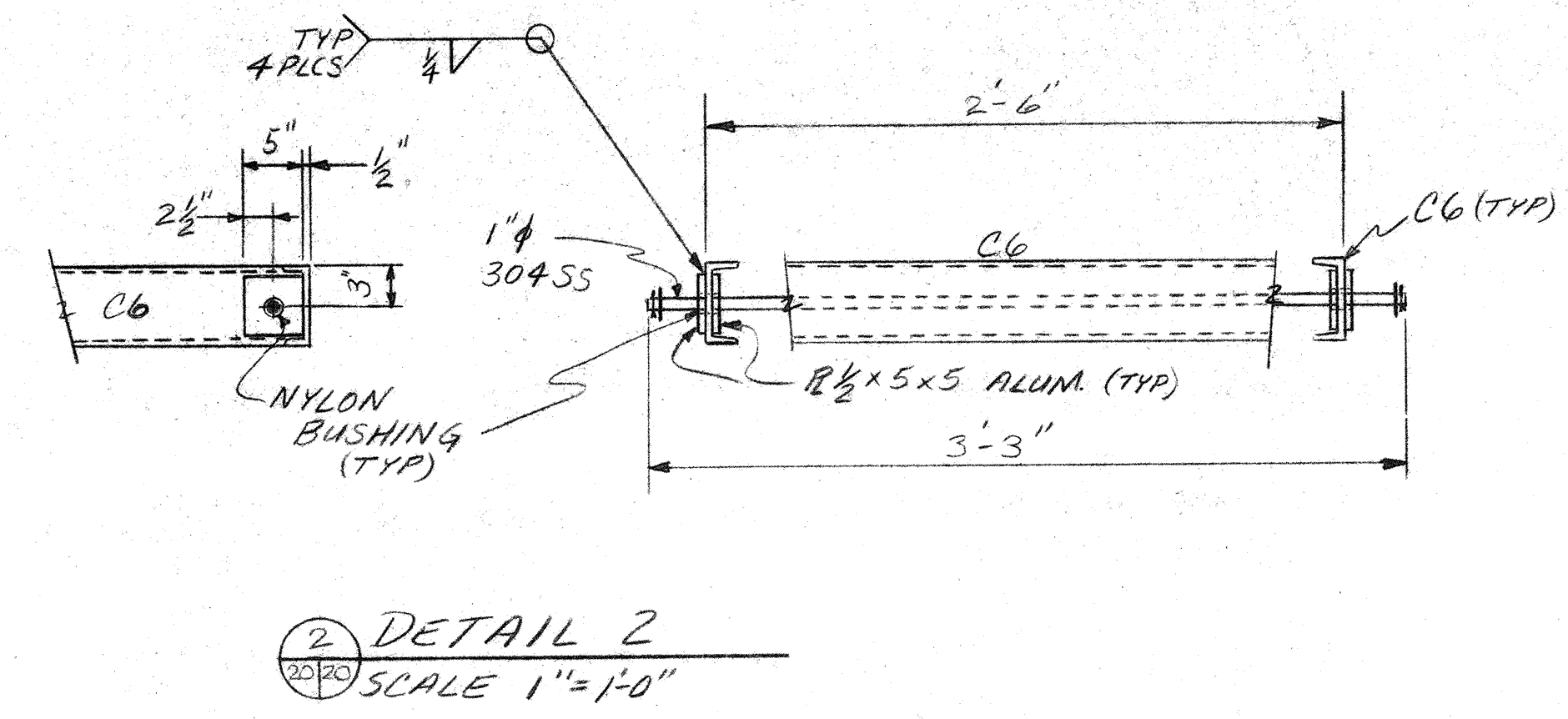
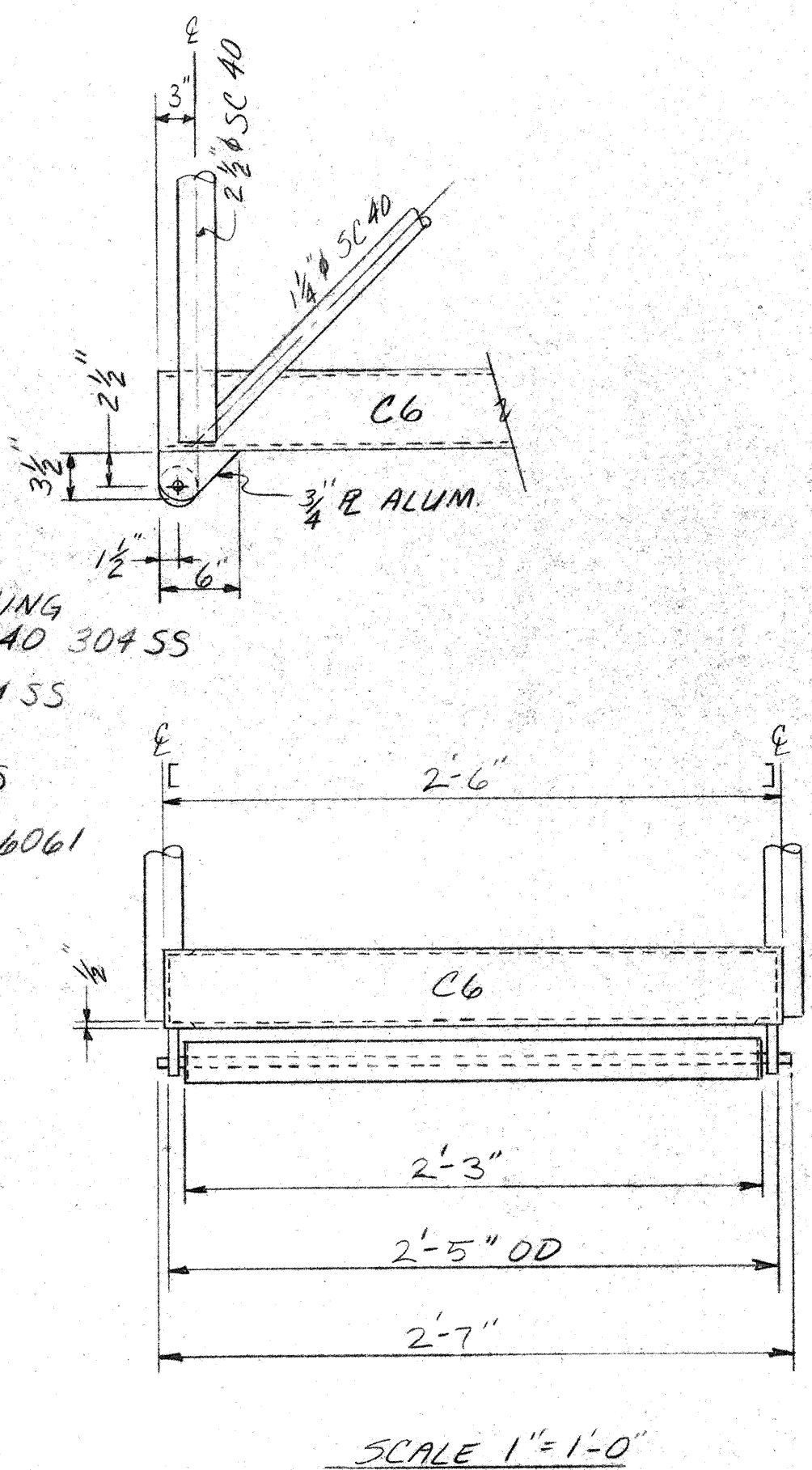
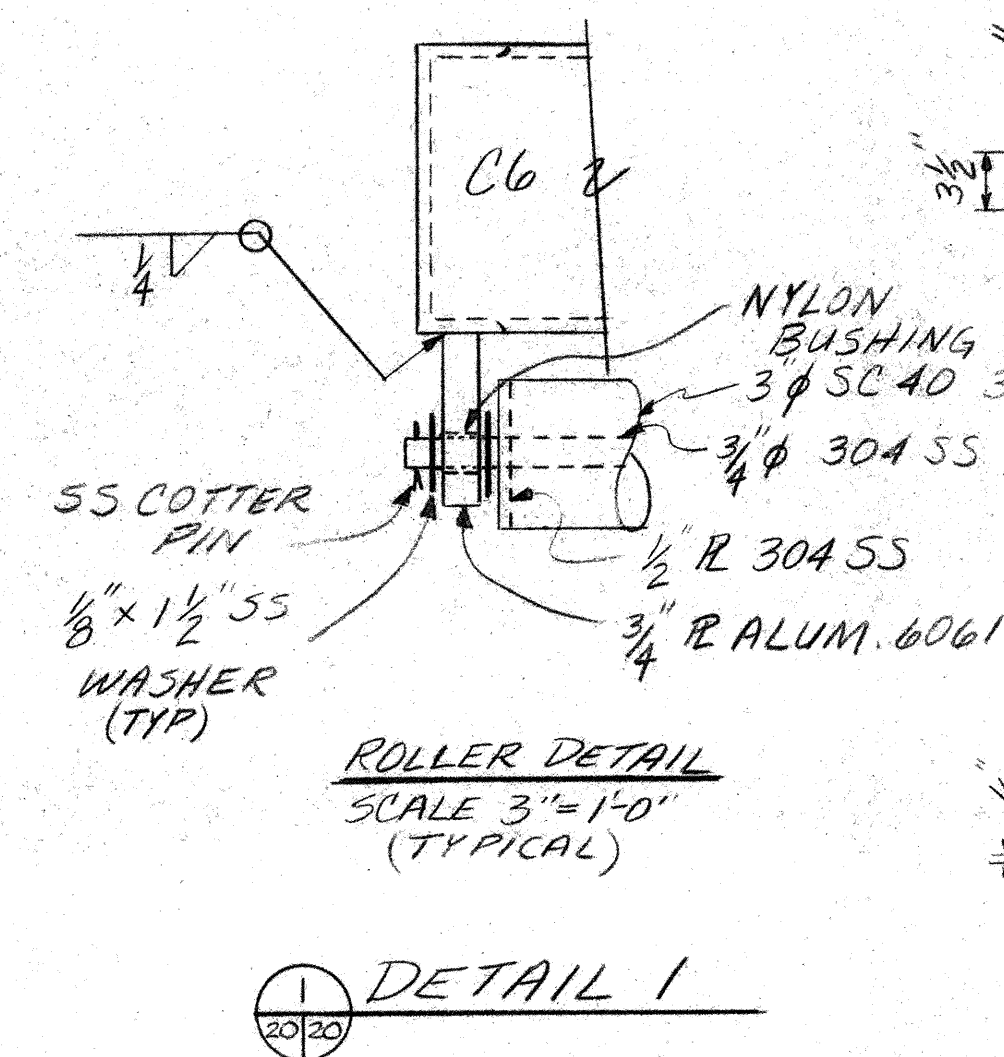
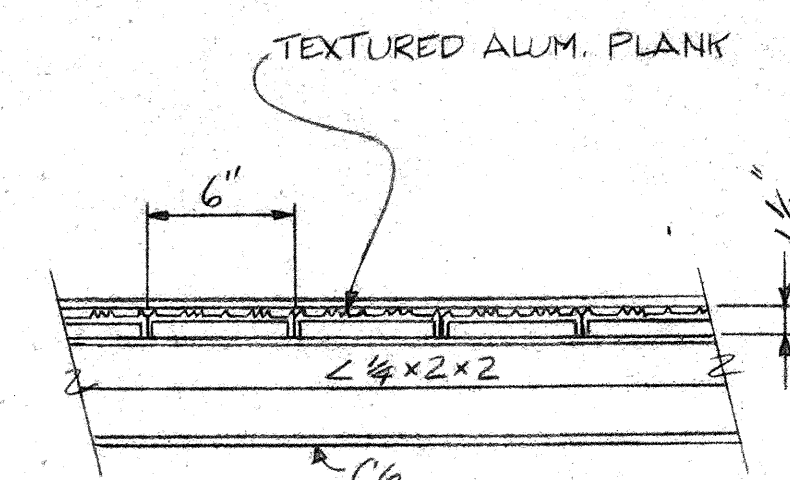
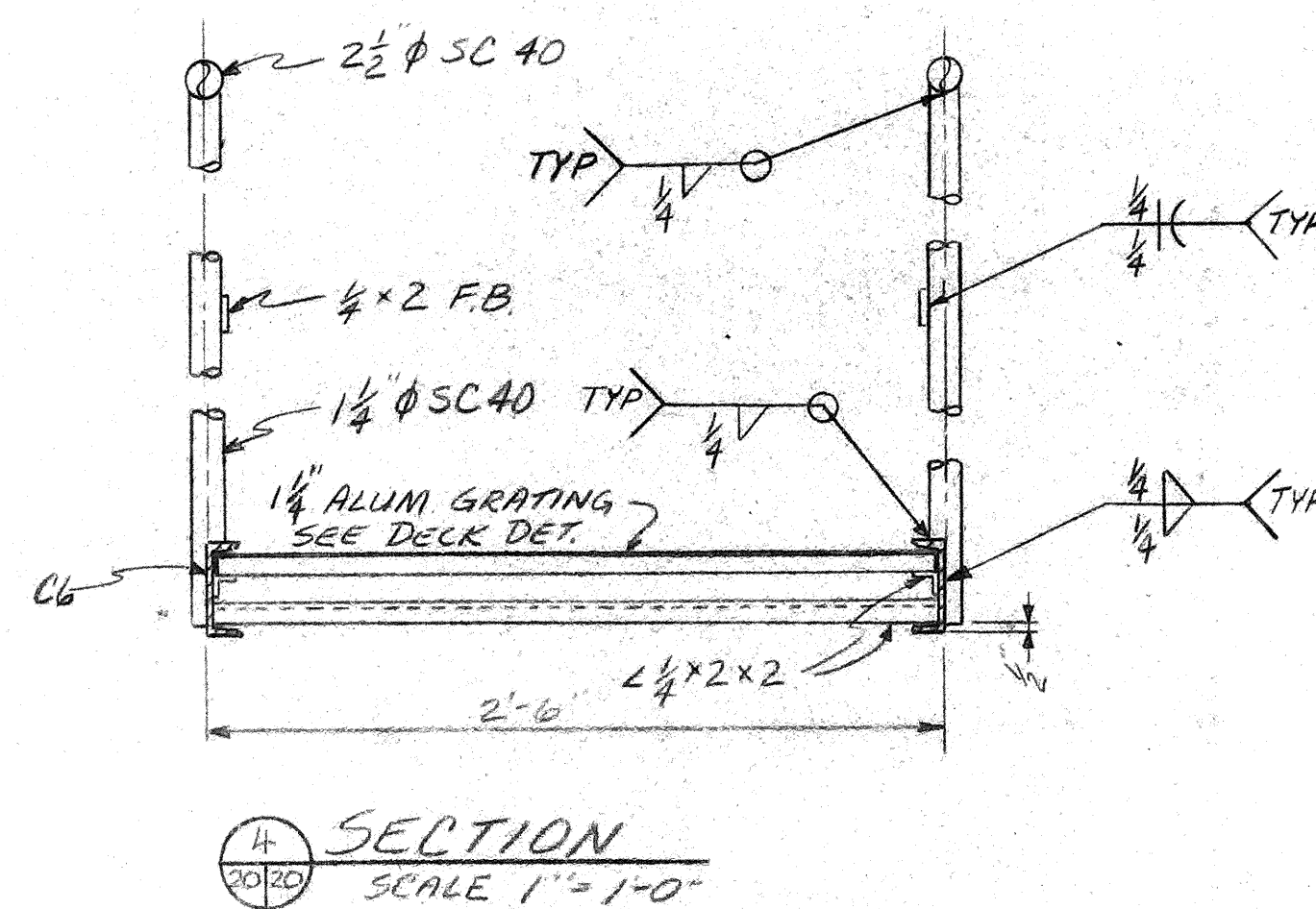
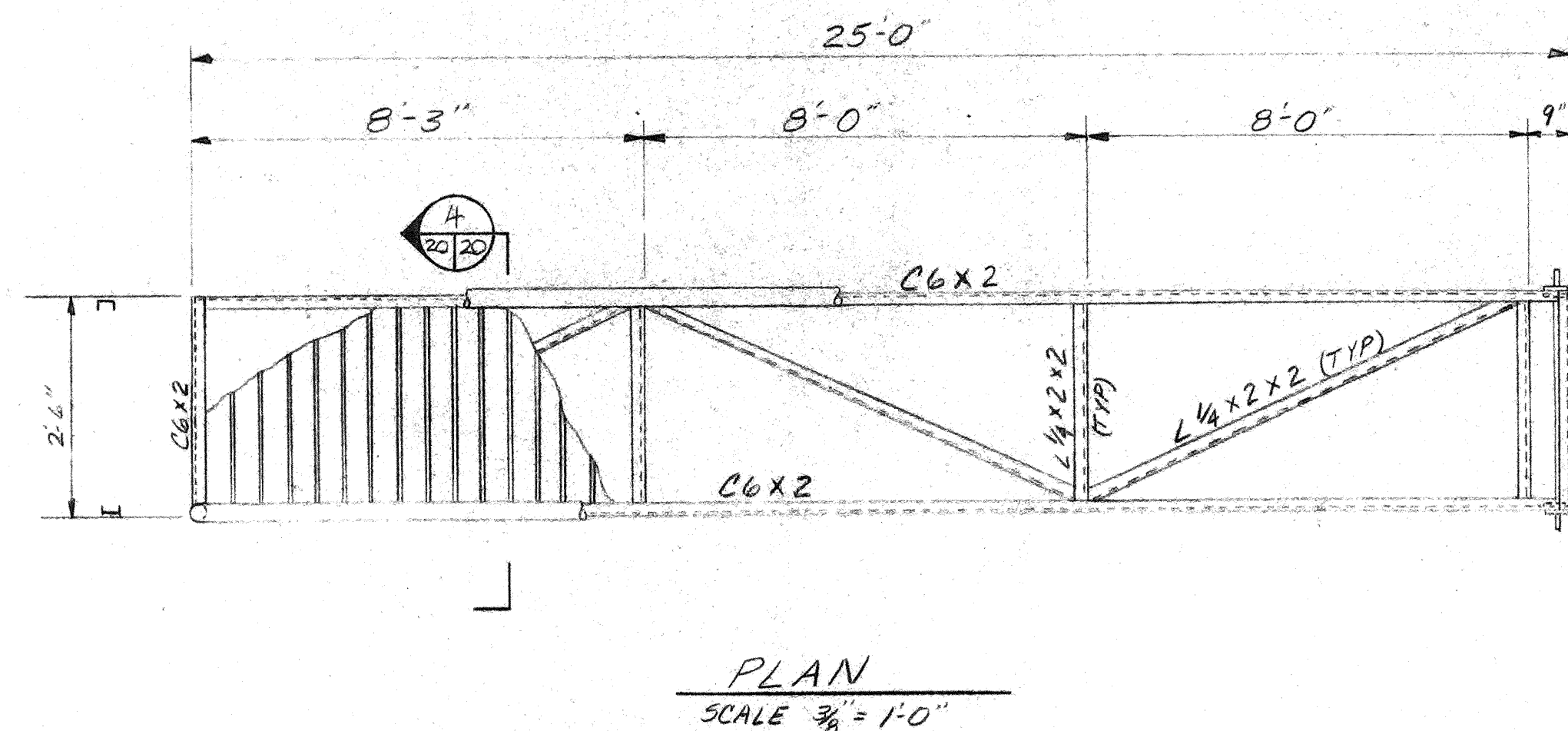
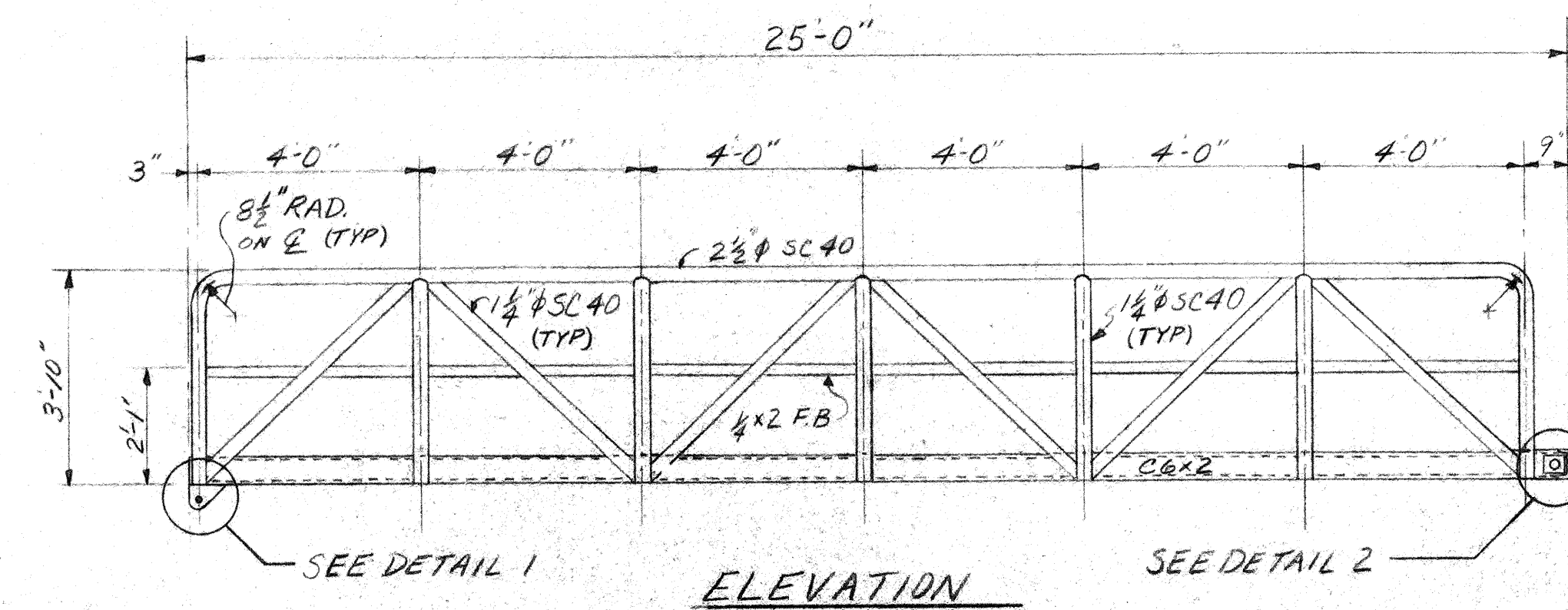
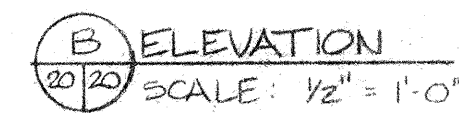
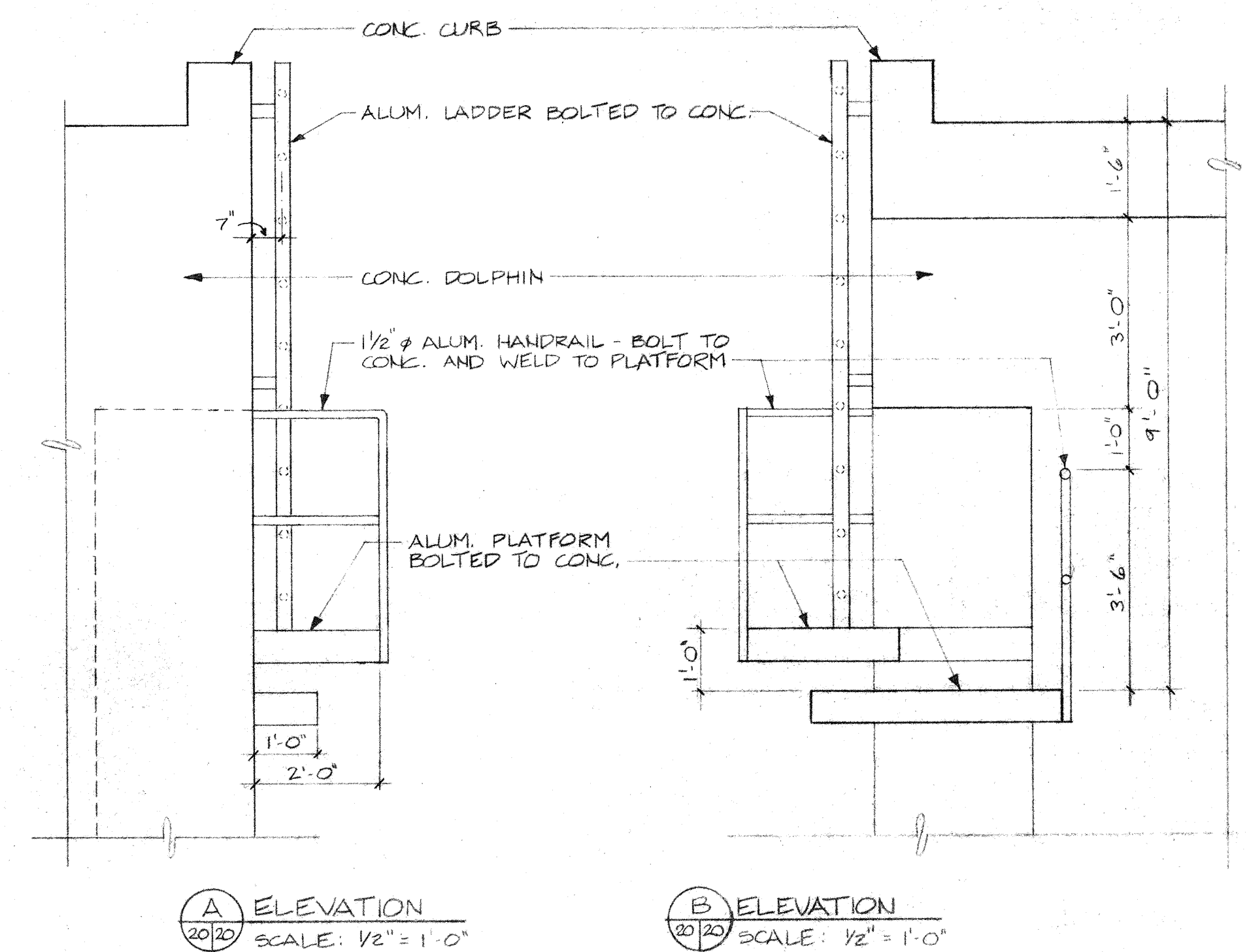
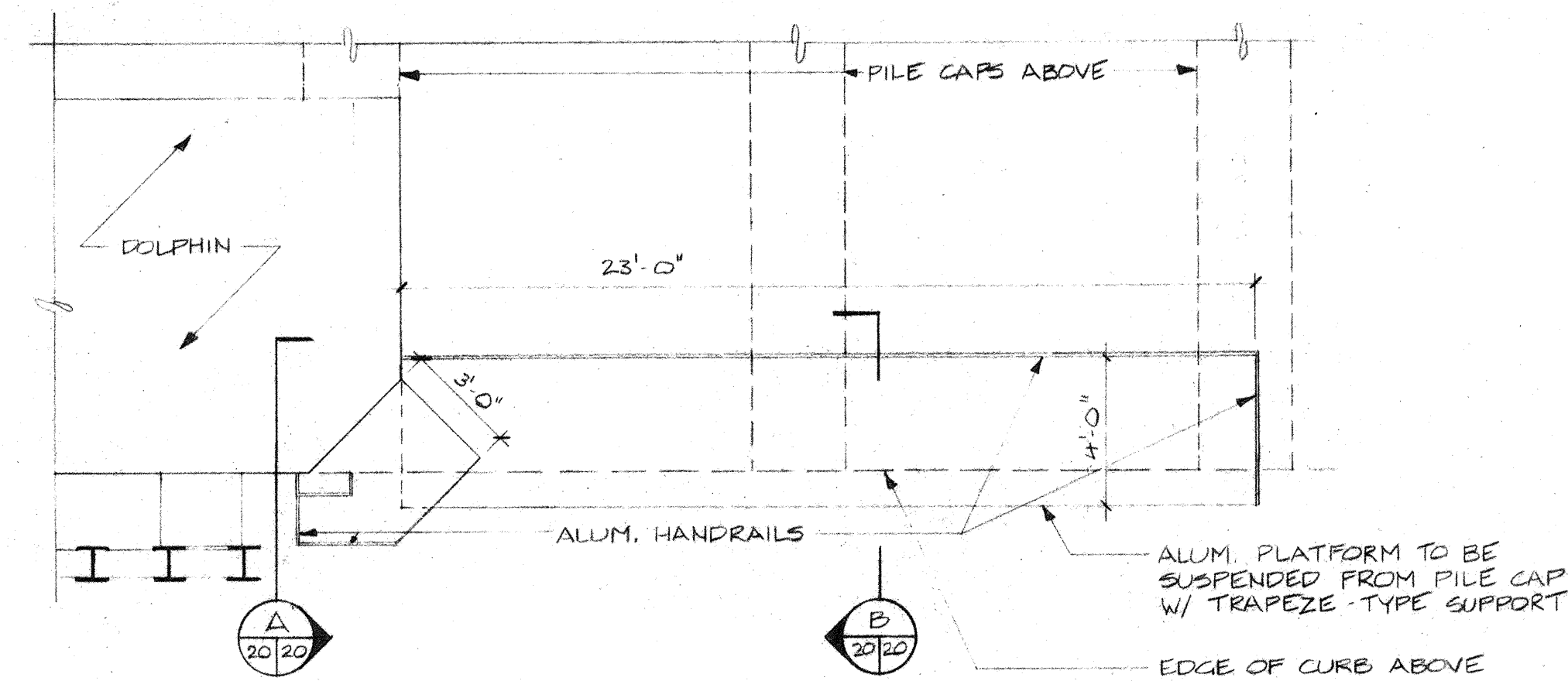
NOTE:
 Contractor shall verify all dimensions

RECORD DRAWING
 RAMP DETAILS

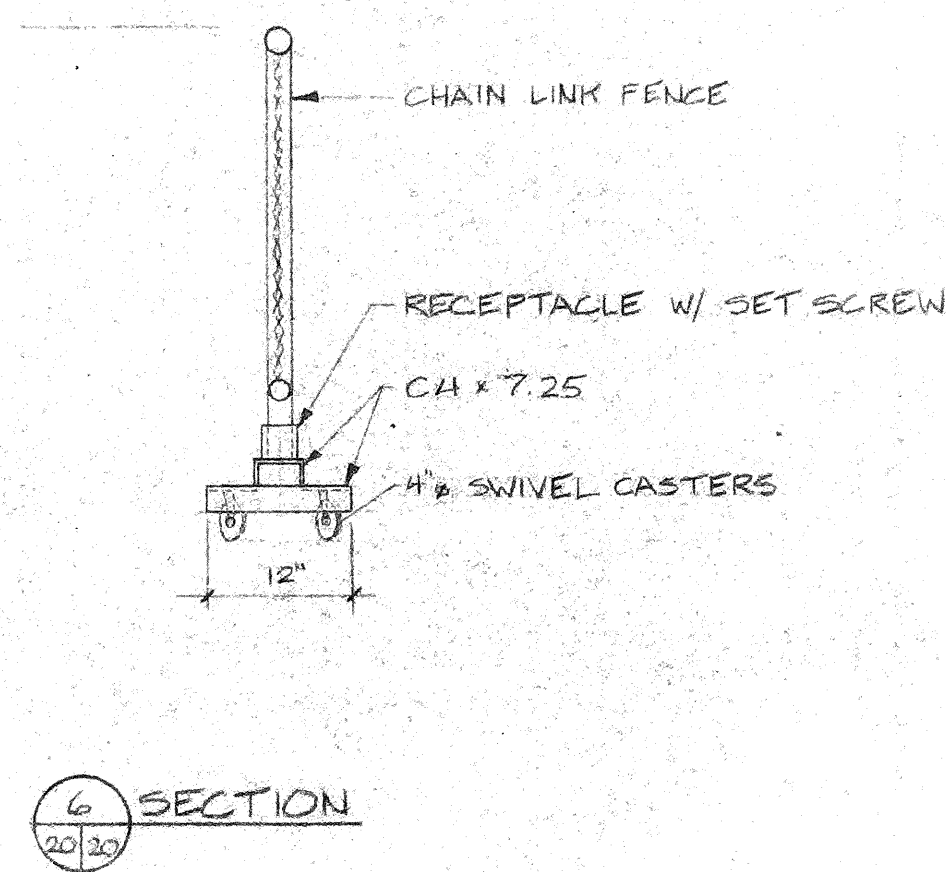
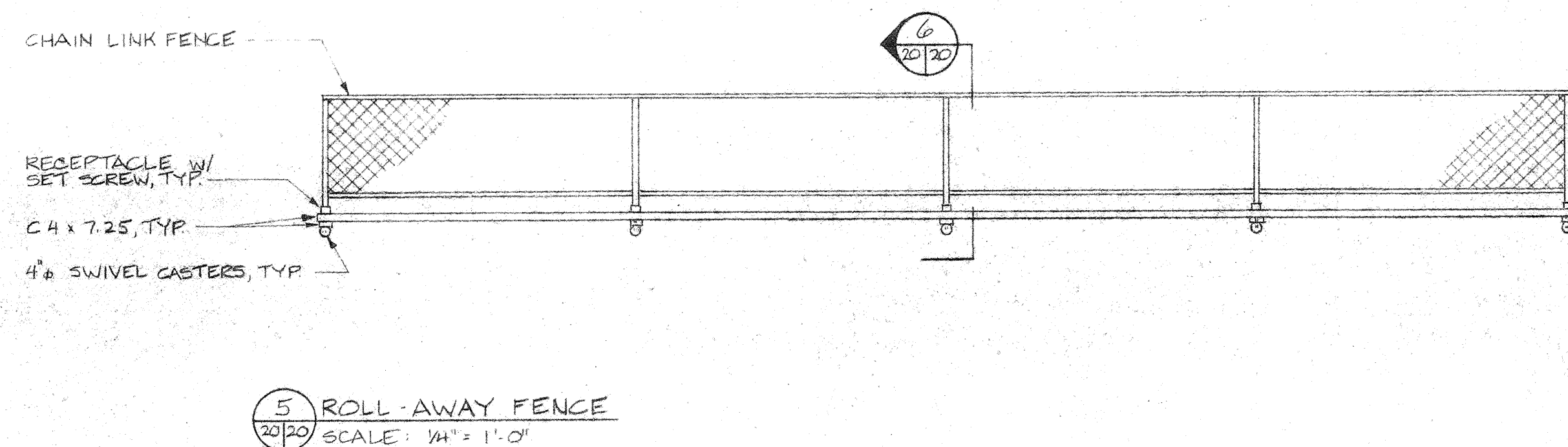
INTERNATIONAL FERRY
 TERMINAL RECONSTRUCTION
 CITY OF PORTLAND, PORTLAND
 ME.

TEC ASSOCIATES CONSULTING
 ENGINEERS
 169 Front Street South Portland, Maine 04106

SCALE 1" = 1'-0"
 DATE 9/18/92
 JOB NO. 9213
 DRAWN BY
 REV. NO.
 DWG NO. 1



NOTE:
Contractor shall verify all dimensions

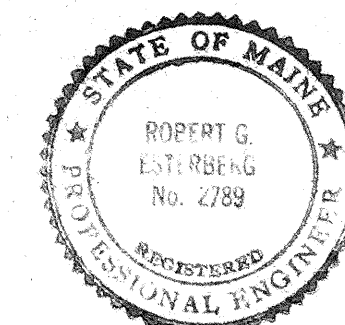


RECORD DRAWING
MISCELLANEOUS DETAILS

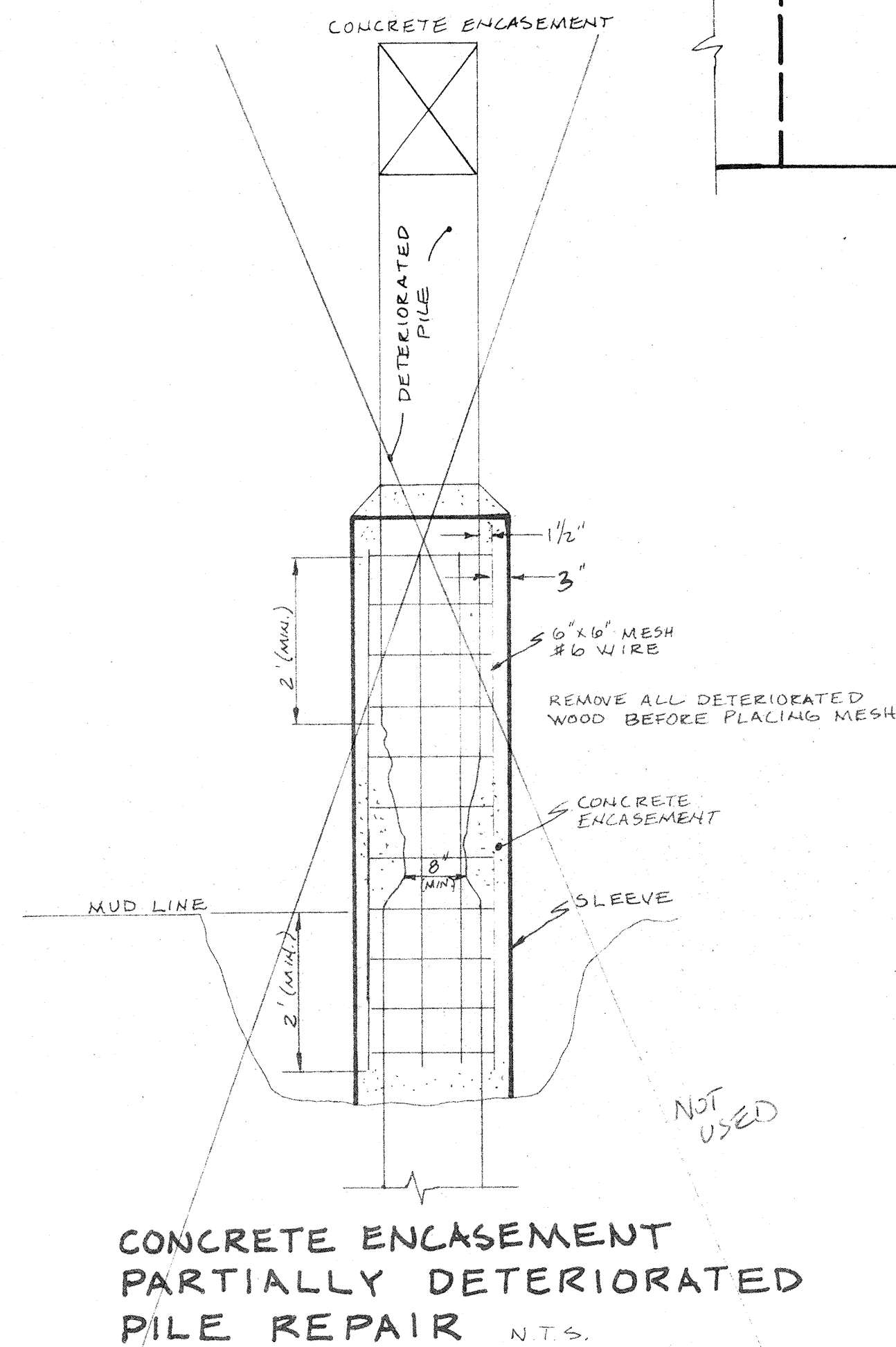
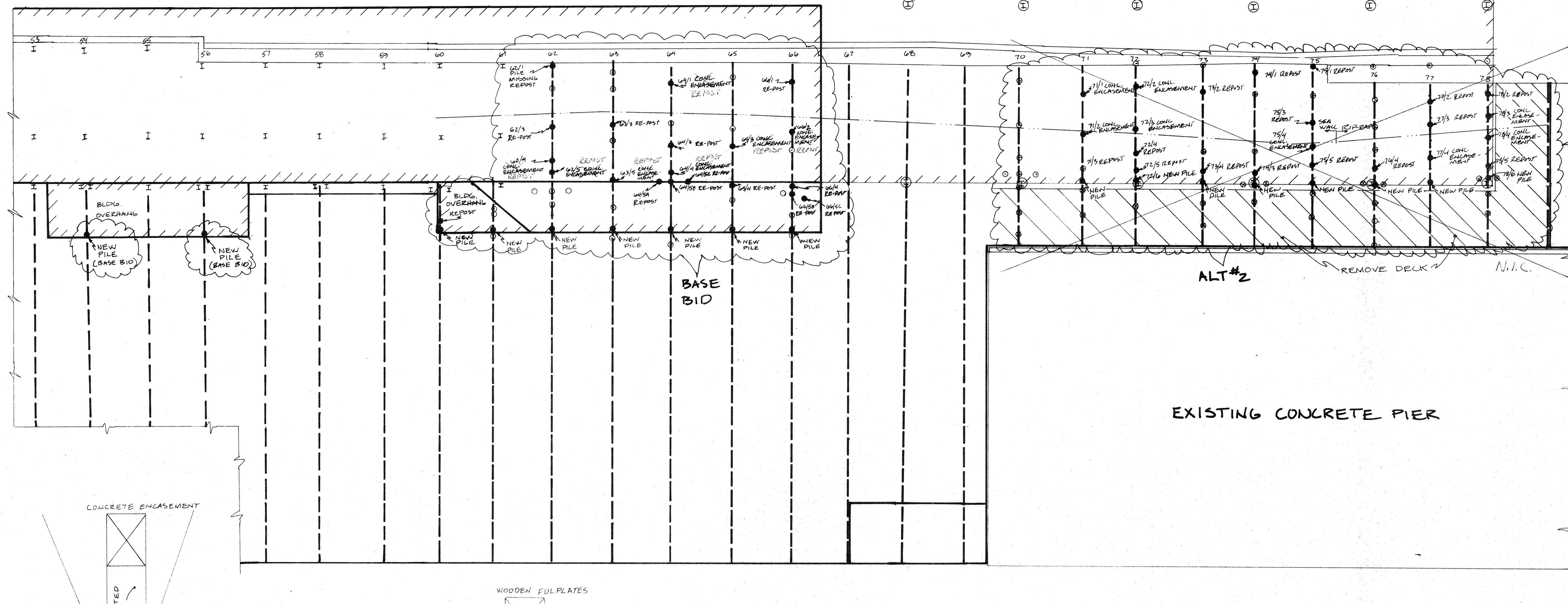
INTERNATIONAL FERRY
TERMINAL RECONSTRUCTION
CITY OF PORTLAND, PORTLAND
ME.

TEC ASSOCIATES CONSULTING ENGINEERS
169 Front Street South Portland, Maine 04106

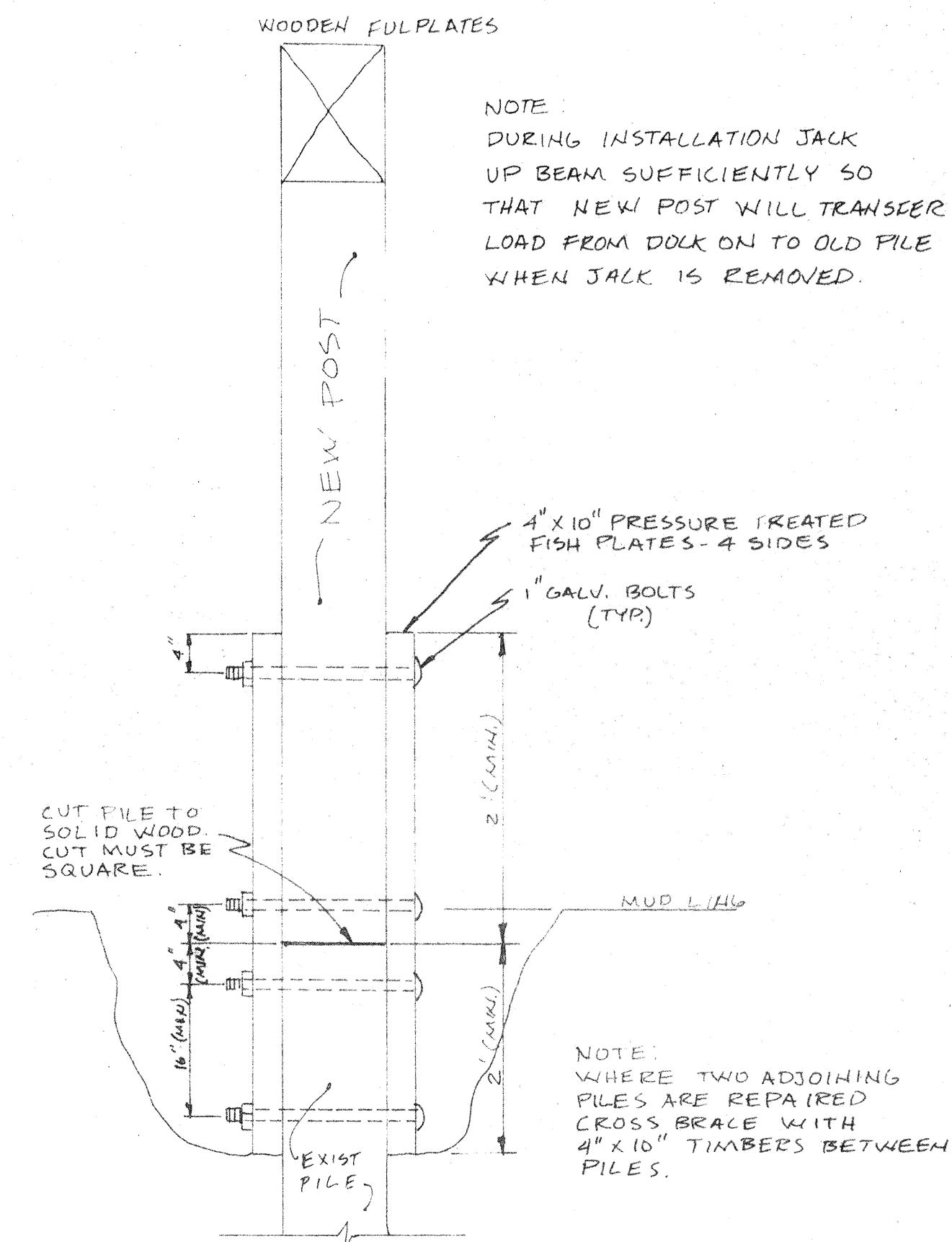
SCALE AS NOTED		DATE 9/18/92	
JOB NO. 9213	DRWN BY KK	REV. NO.	DRWG NO. 20



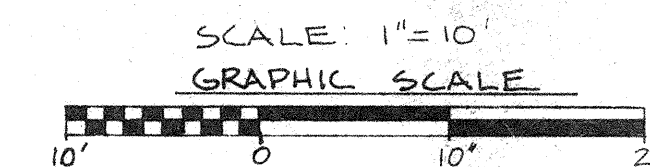
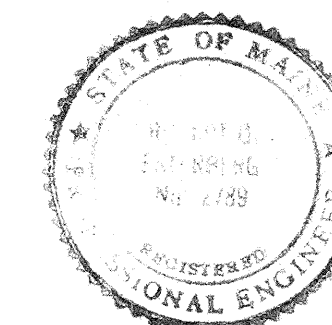
- LEGEND -
 PILE TO BE REPAIRED OR ADDED . . . ●
 EXISTING PILE IN GOOD CONDITION . . . ○
 EXISTING COLUMN ABOVE . . . ⊙



NOTE: APPLY TWO HEAVY COATS OF CUPRINOL TO ALL CUT SURFACES OF TREATED TIMBERS AND TREATED TIMBER PILES.



FULLY DETERIORATED PILE REPAIR N.T.S.



NOTE: Contractor shall verify all dimensions

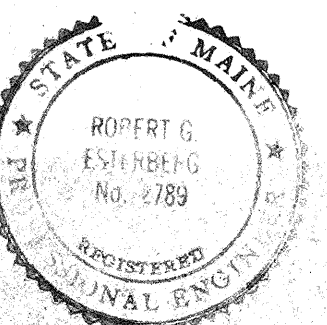
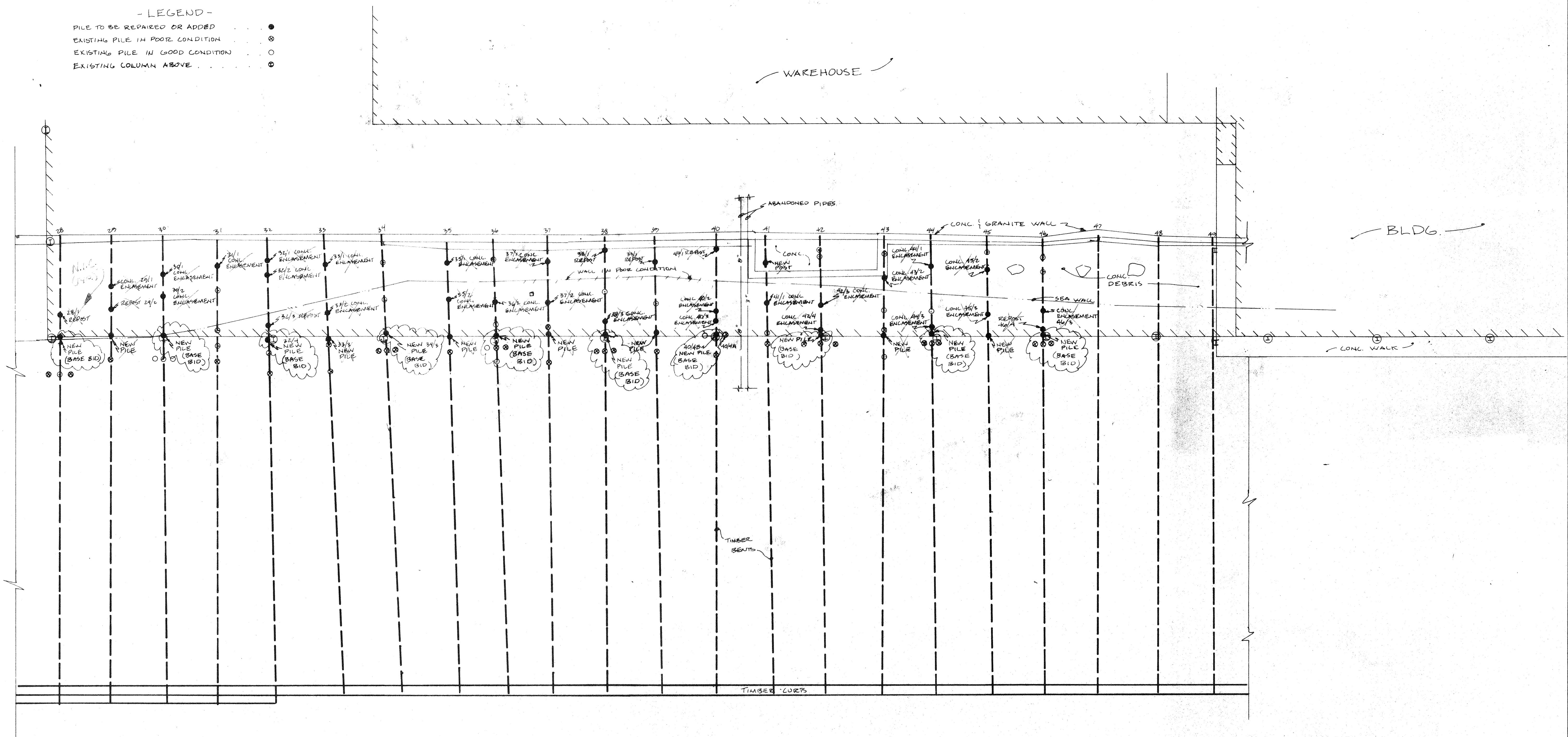
RECORD DRAWING
 BASE BID &
 ALTERNATE #2 N.I.C.
 PILE REPAIR

INTERNATIONAL FERRY
 TERMINAL RECONSTRUCTION
 CITY OF PORTLAND, PORTLAND
 ME.

TEC ASSOCIATES CONSULTING
 169 Front Street South Portland, Maine 04106

SCALE AS NOTED	DATE 10/09/92
JOB NO. 9213	REV. NO. 21
DRAWN BY J.D.	

- LEGEND -
- PILE TO BE REPAIRED OR ADDED
 - ⊗ EXISTING PILE IN POOR CONDITION
 - EXISTING PILE IN GOOD CONDITION
 - ⊙ EXISTING COLUMN ABOVE

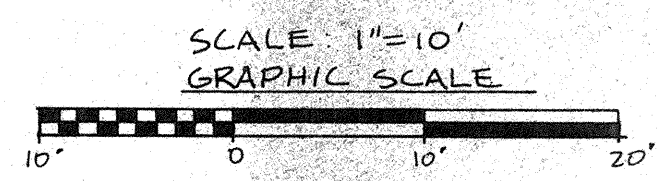


RECORD DRAWING
ALTERNATE II N.I.C.
**BASE BID WHERE NOTED
 PILE REPAIR**

**INTERNATIONAL FERRY
 TERMINAL RECONSTRUCTION**
 CITY OF PORTLAND, PORTLAND
 ME.

TEC ASSOCIATES CONSULTING ENGINEERS
 169 Front Street South Portland, Maine 04106

SCALE AS NOTED	DATE 2/28/92
JOB NO. 9213	REV. NO.
DRAWN BY JDL	DRWG NO. 22



NOTE: APPLY TWO HEAVY COATS OF CUPRINOL TO ALL CUT SURFACES OF TREATED TIMBERS AND TREATED TIMBER PILES.