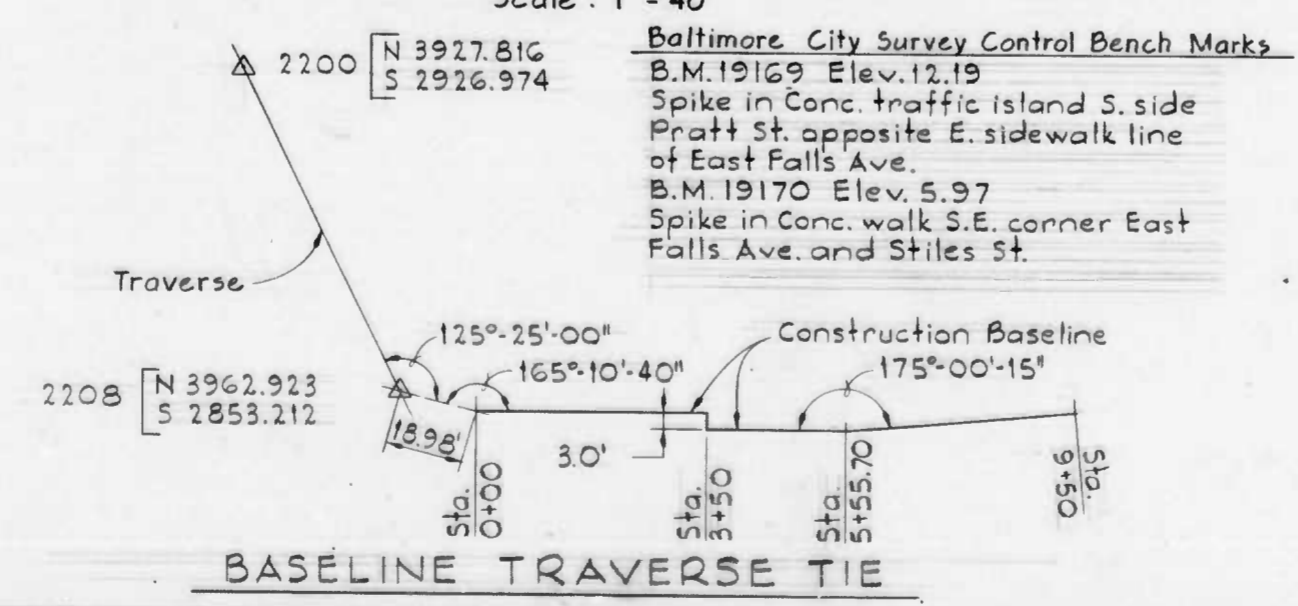


REVISIONS			
NO.	DESCRIPTION	DATE	BY

- NOTES**
- The Contractor is advised that the existing bulkhead edges are deteriorated and may not support heavy loading within 10'± of the edge.
 - See specification requirements for salvage, reuse, storage or disposal of items demolished or removed.
 - Reference drawings for the Pedestrian Bridge are available from the City upon request. (File Ref. Contract No. 2594)
 - For General Notes see Drawing 53.
 - During the prosecution of this Contract, the Contractor will maintain access at all times to Piers 5 and 6 by use of crusher run material and bituminous concrete as directed by the Engineer.

DEMOLITION PLAN

Scale: 1" = 40'



LEGEND

- ◆ Existing light to be removed by others
- ◇ Existing light to remain in place
- Existing 4'-0" high fence line to be removed
- Existing water surface
- Project limits

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EXAMINED BY JCB

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ENGINEERS
BALTIMORE MARYLAND

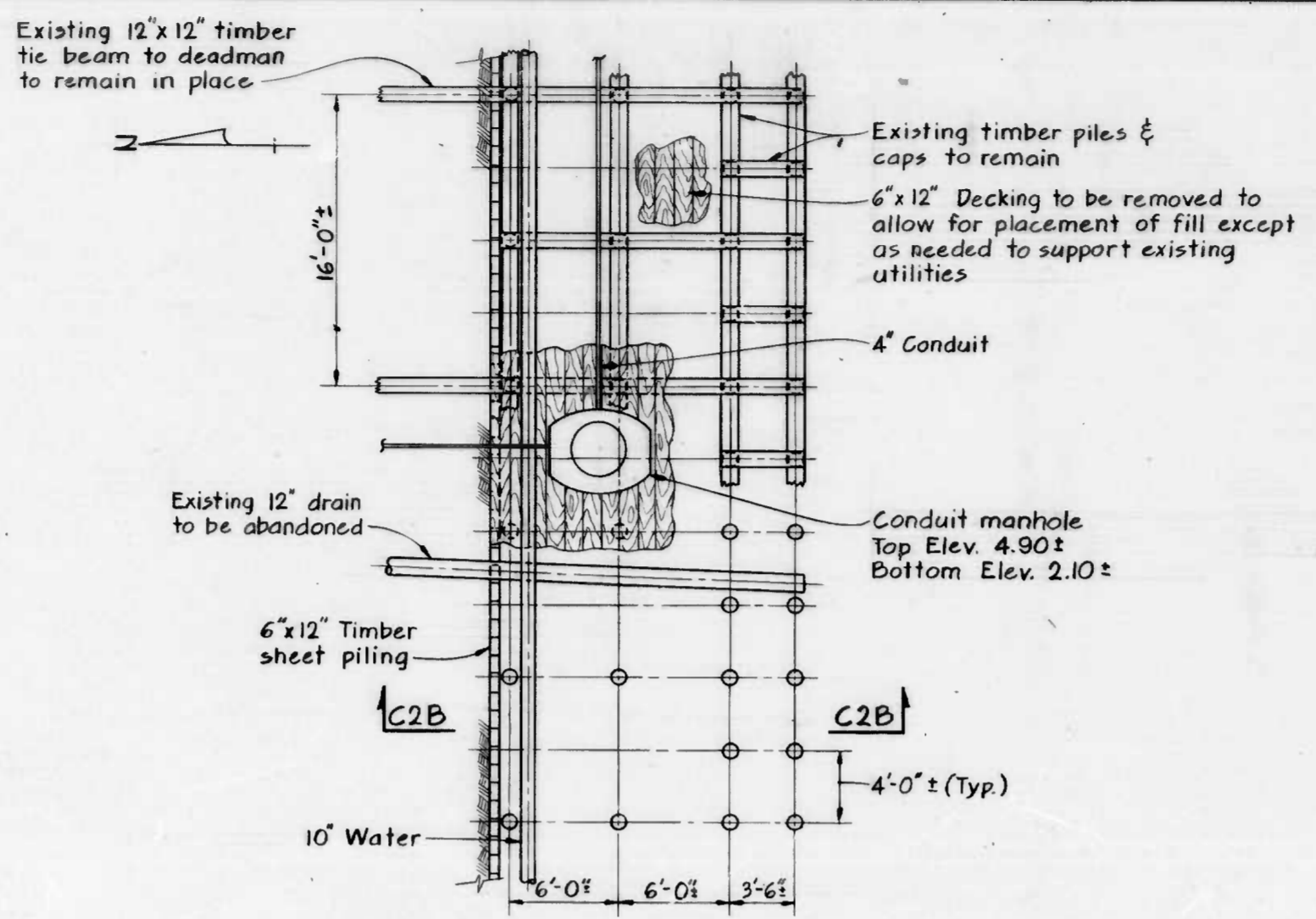
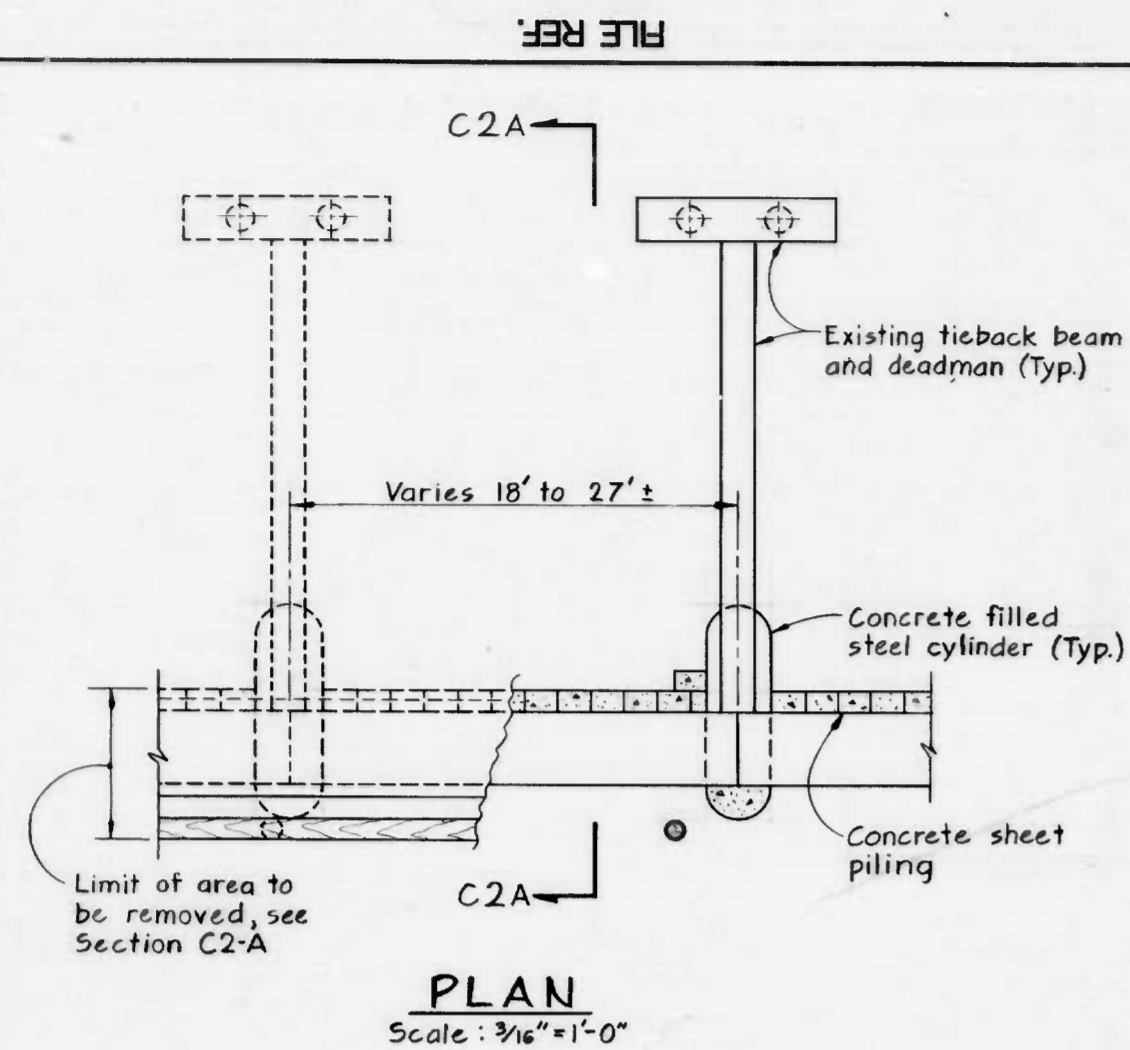
CITY OF BALTIMORE
DEPARTMENT OF PUBLIC WORKS
BUREAU OF HIGHWAYS

CONTRACT NO. 3007

PIERS 5 AND 6 - DREDGE AND FILL

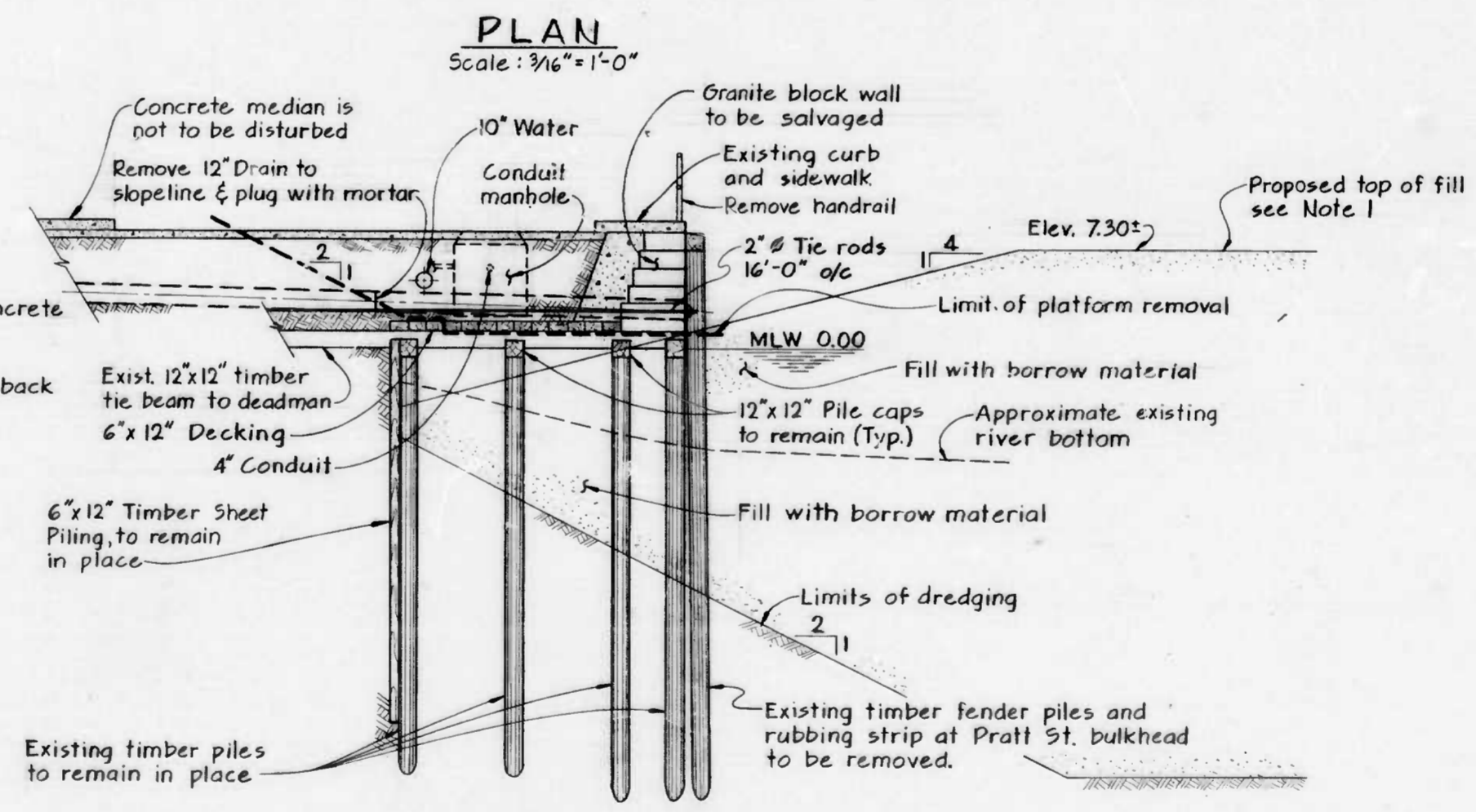
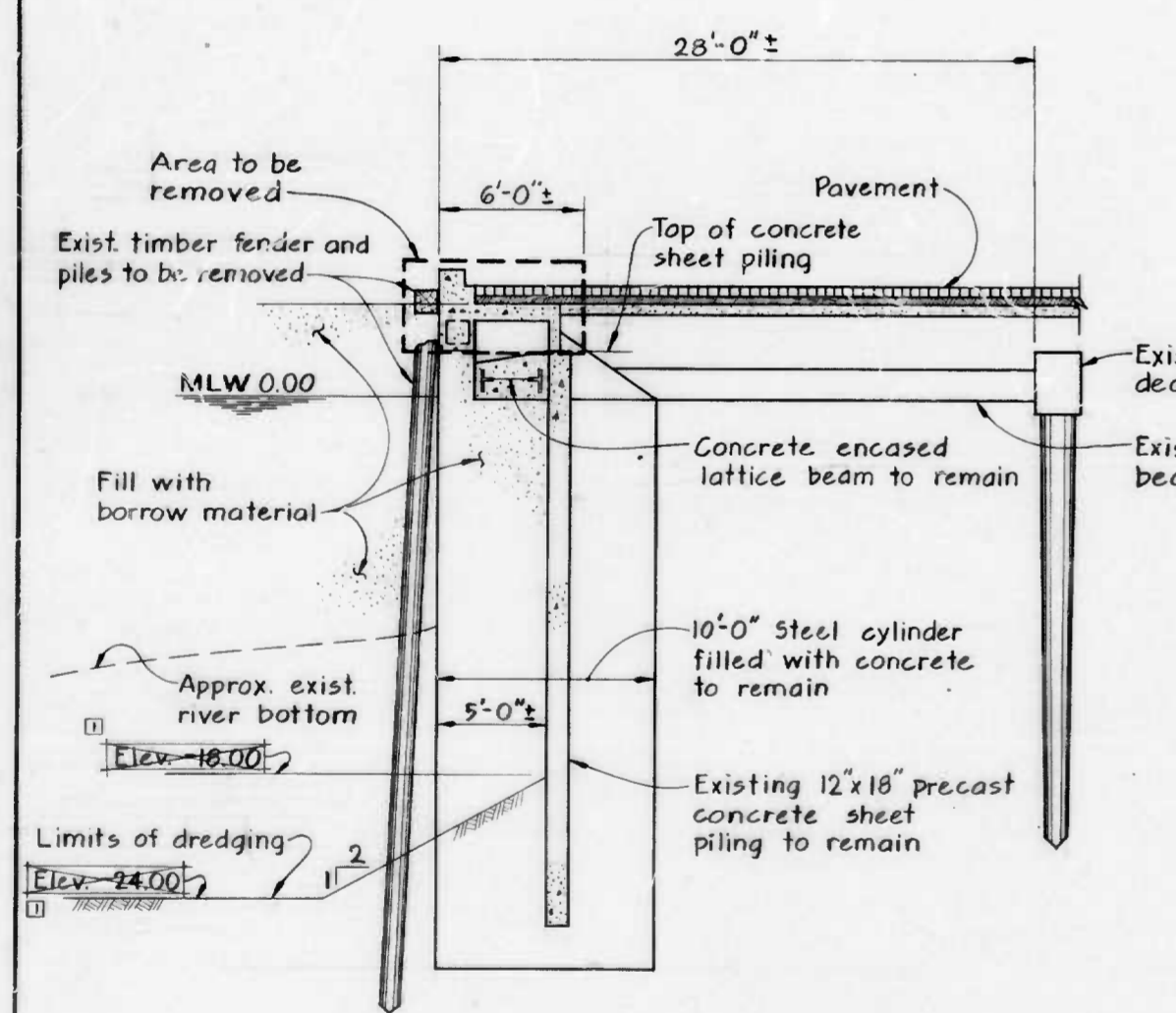
DEMOLITION PLAN

SCALE AS SHOWN DATE OCT. 15, 1984
DRAWING: C1 SHEET 2 OF 17



REVISIONS			
NO.	DESCRIPTION	DATE	BY
1	Addendum #1	10/25/84	

- NOTES**
1. Fill at Pratt St. is to be placed at the steepest natural angle of repose.
 2. Fill is to be placed under the existing Pratt St. relieving platform to the highest elevation possible back to the face of the existing timber sheet piling prior to removal of granite block wall and tie rods.
 3. Existing conduit system and water system to be maintained in service throughout the contract duration. Submit existing utility support system to the Engineer for approval prior to the start of demolition at Pratt Street.
 4. Provide freeze protection to exposed water lines.



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EXAMINED BY
KUPPELBERGER 9-902
W.O. 80162

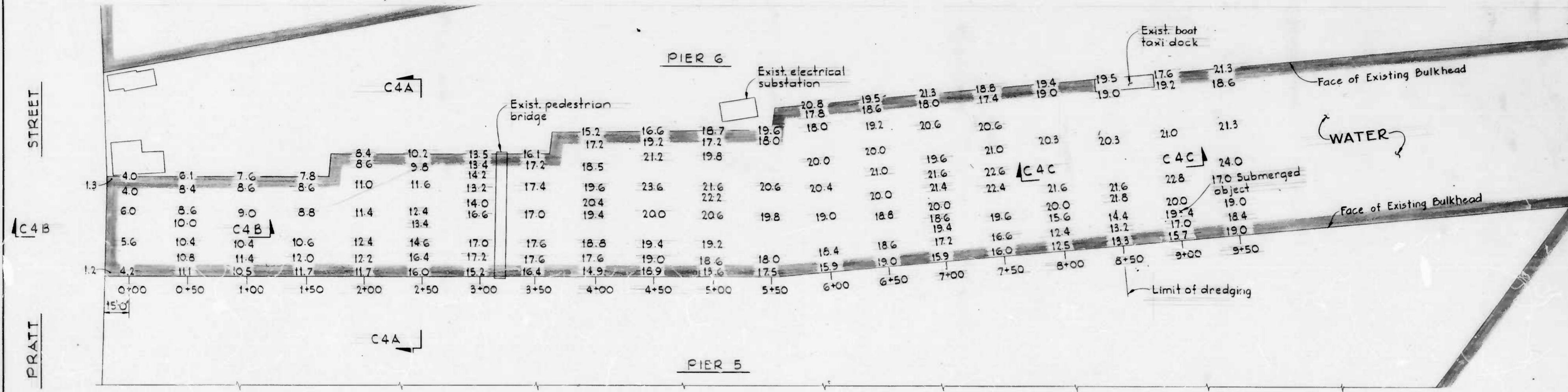
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DEPARTMENT OF PUBLIC WORKS
BUREAU OF HIGHWAYS
CONTRACT NO. 3007
PIERS 5 AND 6 - DREDGE AND FILL
DEMOLITION AND REMOVAL DETAILS
SCALE AS SHOWN DATE OCT. 15, 1984
DRAWING: C2 SHEET 3 OF 17

FILE REF.

FILE REF.

REVISIONS			
NO.	DESCRIPTION	DATE	BY



SOUNDING PLAN
Scale: 1" = 40'

NOTES

1. Soundings are to the river bottom.
2. Soundings are in feet below Elev. 0.00 where the reference elevation (Elev. 0.00) is based on Baltimore City Bench Mark No. 19169 (Elev. 12.191).
3. Soundings were taken June, 1984.
4. The decimal point denotes the location at which the sounding was taken.
5. See Drawing C4 for Dredging Sections.

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EXAMINED BY *CSN*
W.O. 80162

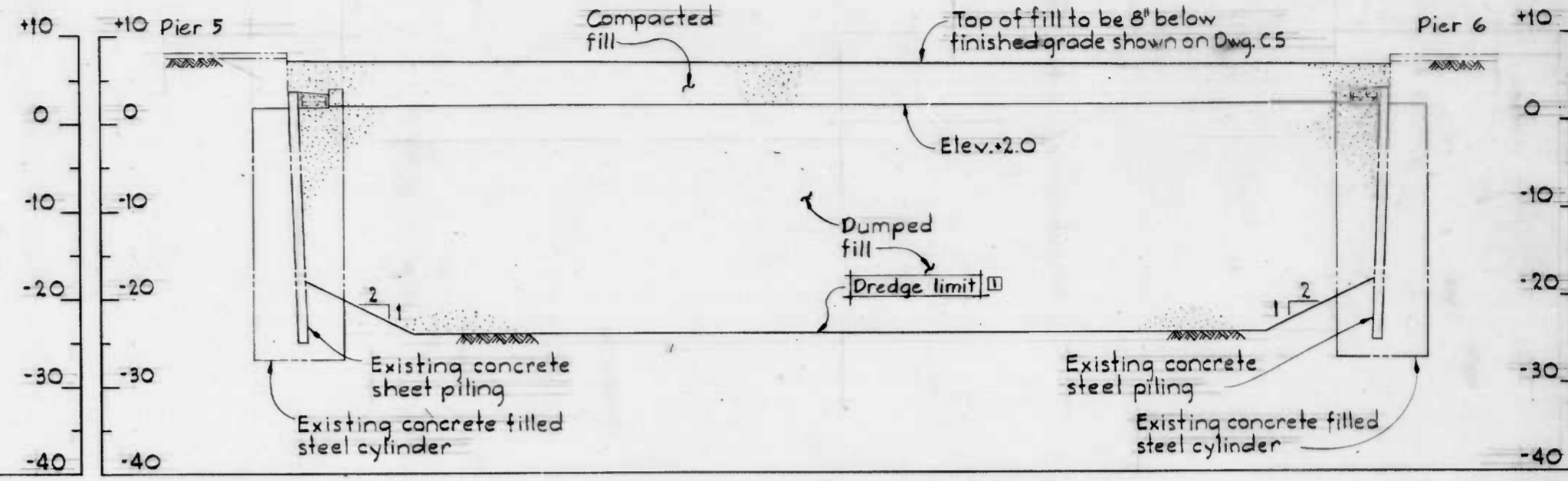
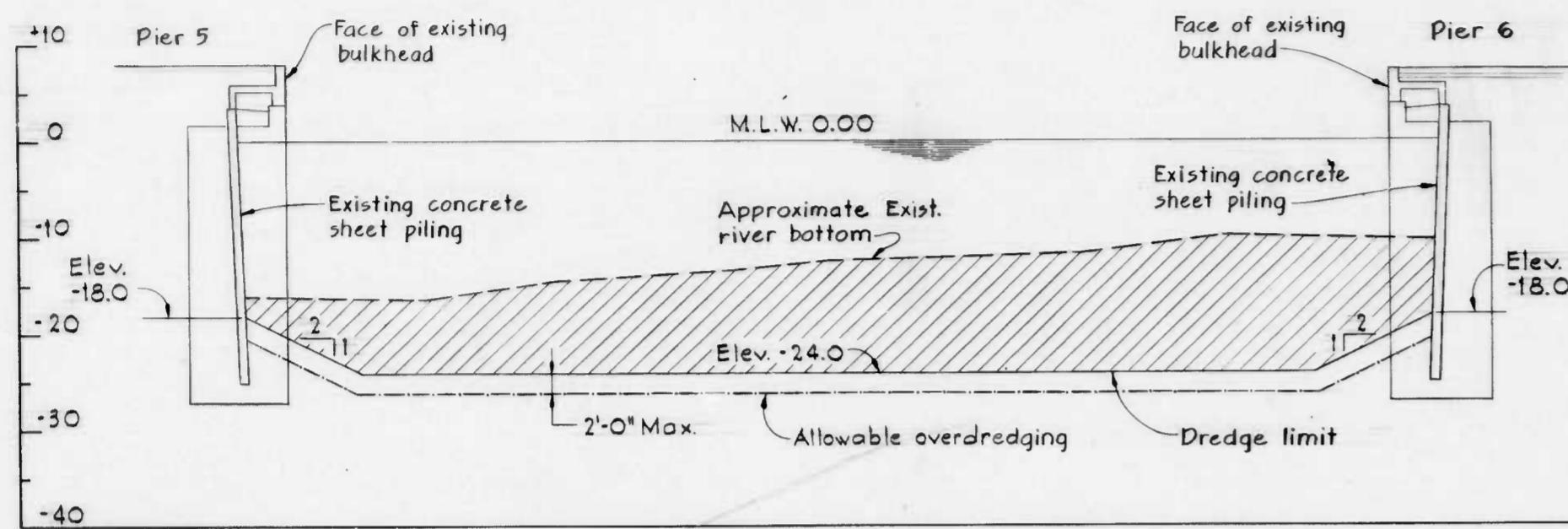
WHITMAN, REQUARDT AND ASSOCIATES
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DEPARTMENT OF PUBLIC WORKS
BUREAU OF HIGHWAYS
CONTRACT NO. 3007
PIERS 5 AND 6 - DREDGE AND FILL
SOUNDING PLAN
SCALE AS SHOWN DATE: OCT 15, 1984
DRAWING: C3 SHEET 4 OF 17

FILE REF.

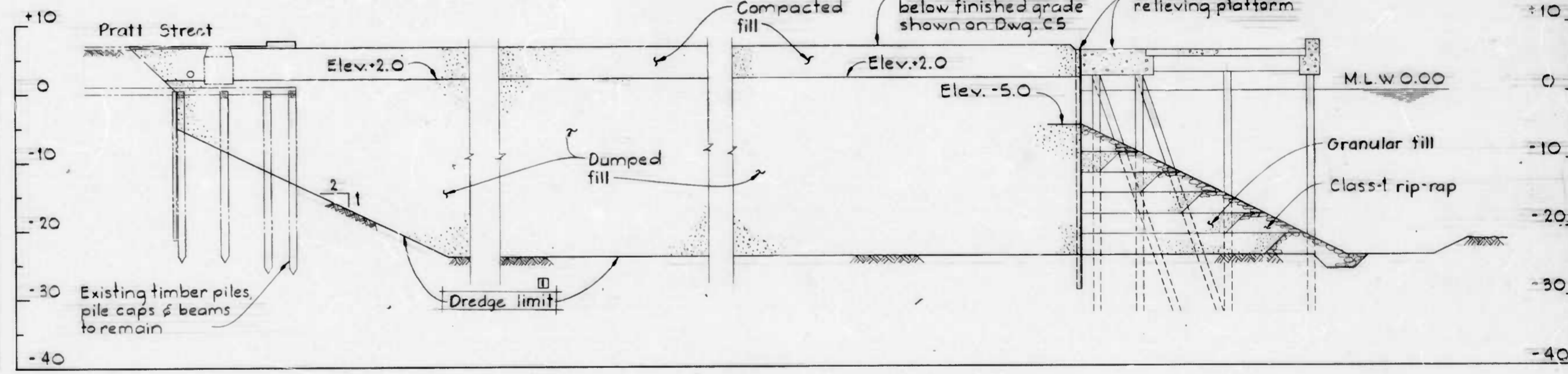
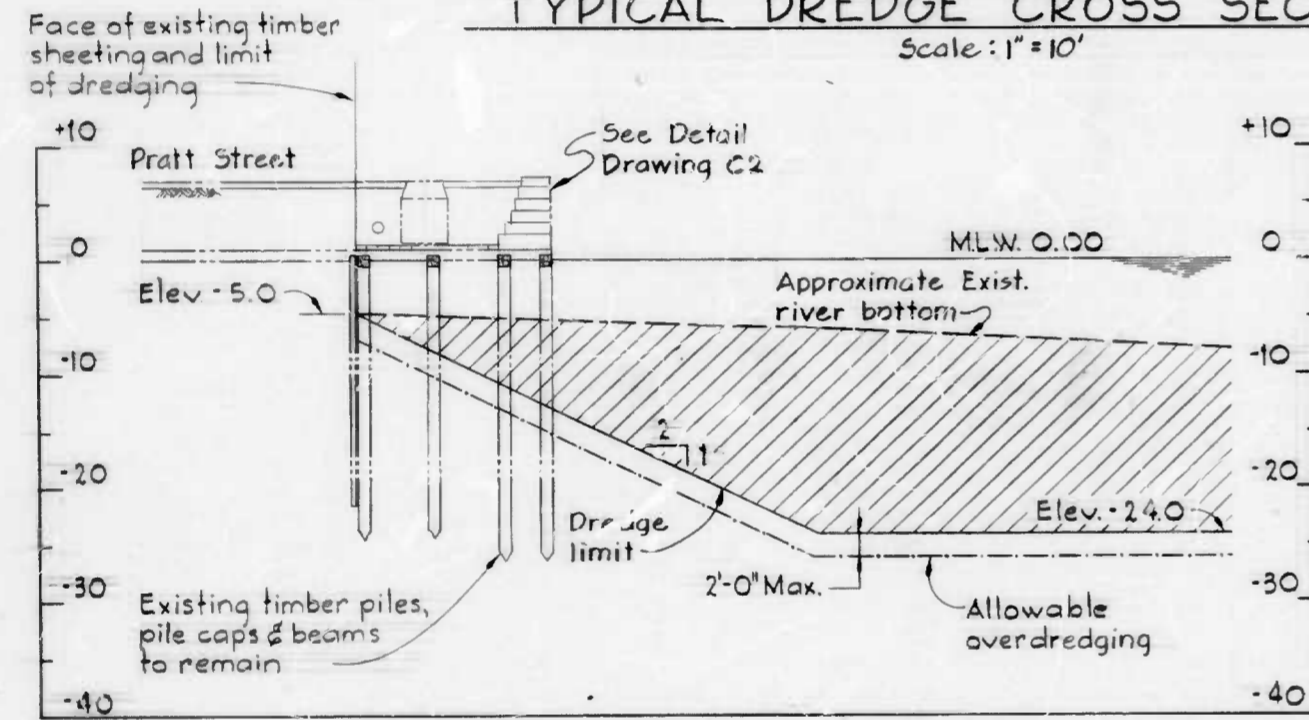
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REVISIONS			
NO.	DESCRIPTION	DATE	BY
1	Addendum #1	10/2/84	



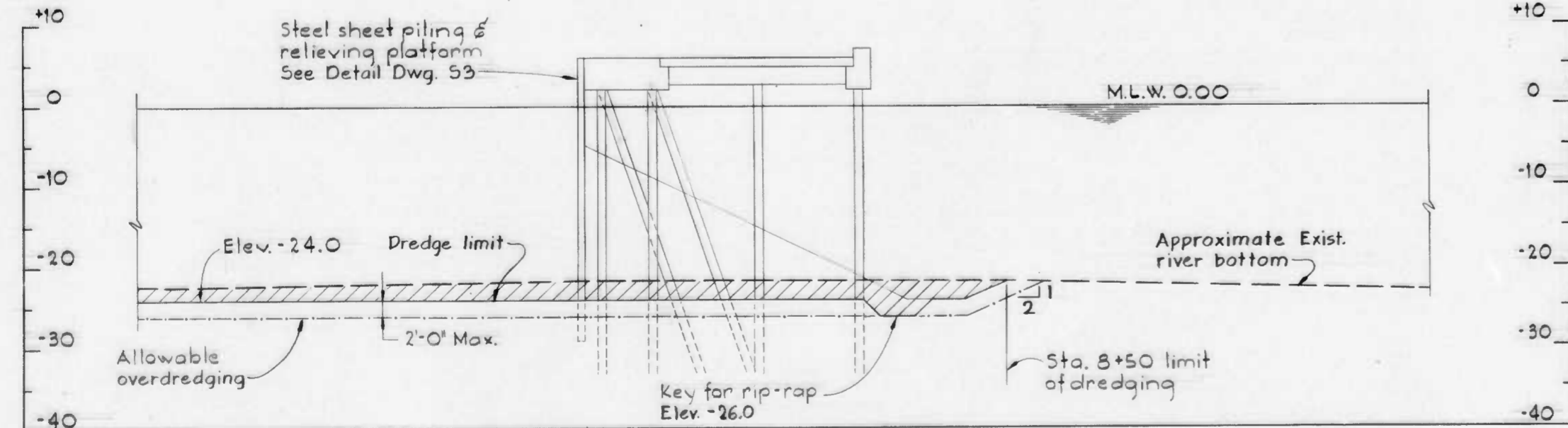
SECTION C4A/C3
TYPICAL DREDGE CROSS SECTION
Scale: 1"=10'

SECTION C4A/C3
TYPICAL FILL CROSS SECTION
Scale: 1"=10'



SECTION C4B/C3
Scale: 1"=10'

LONGITUDINAL FILL SECTION
Scale: 1"=10'



SECTION C4C/C3
Scale: 1"=10'

LEGEND

- Approximate Exist. river bottom
- - - Dredge limit
- Allowable overdredging
- ▨ Area to be dredged

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EXAMINED BY [Signature]
W.O. 80162

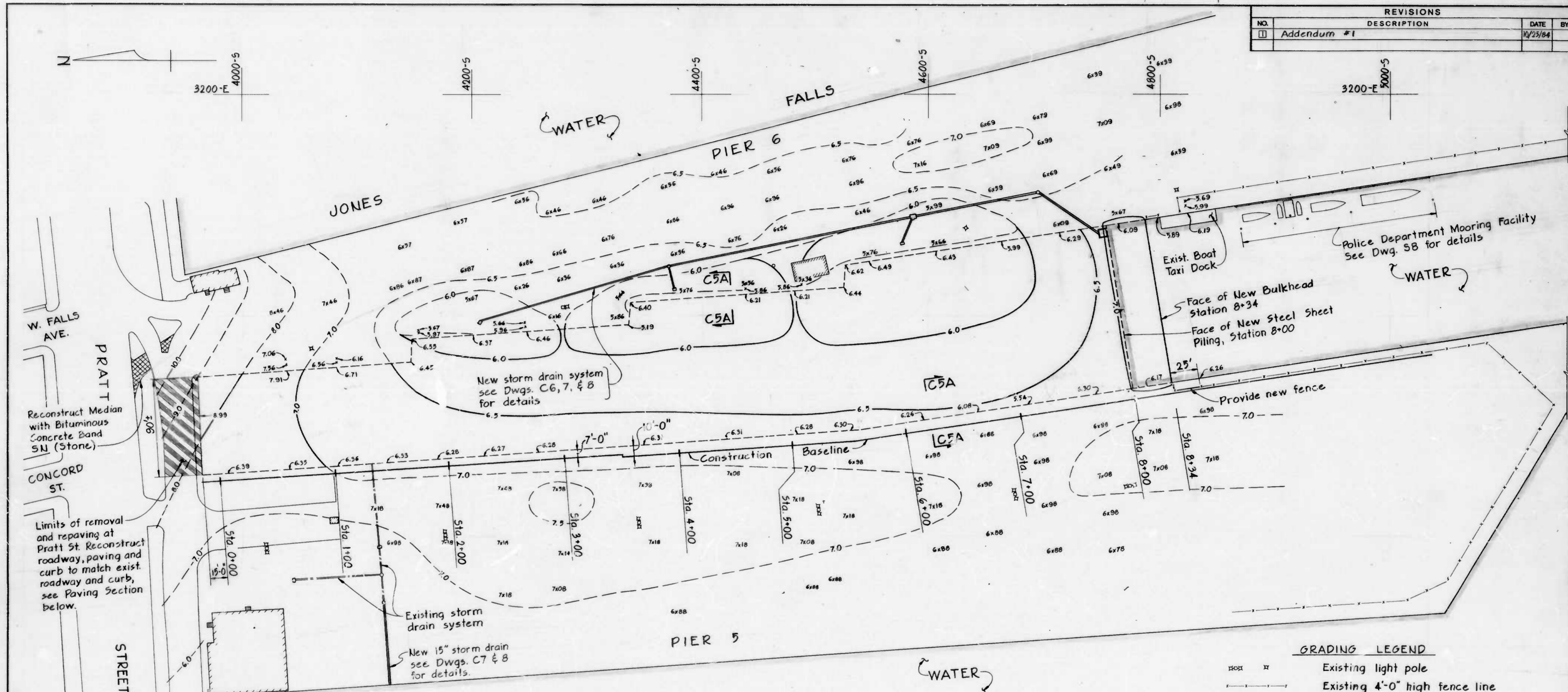
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DEPARTMENT OF PUBLIC WORKS
BUREAU OF HIGHWAYS
CONTRACT NO. 3007
PIERS 5 AND 6 - DREDGE AND FILL
DREDGE AND FILL SECTIONS
SCALE: AS SHOWN DATE: OCT. 15, 1984
DRAWING: C4 SHEET 5 OF 17

FILE REF.

FILE REF.

REVISIONS			
NO.	DESCRIPTION	DATE	BY
1	Addendum #1	11/25/84	



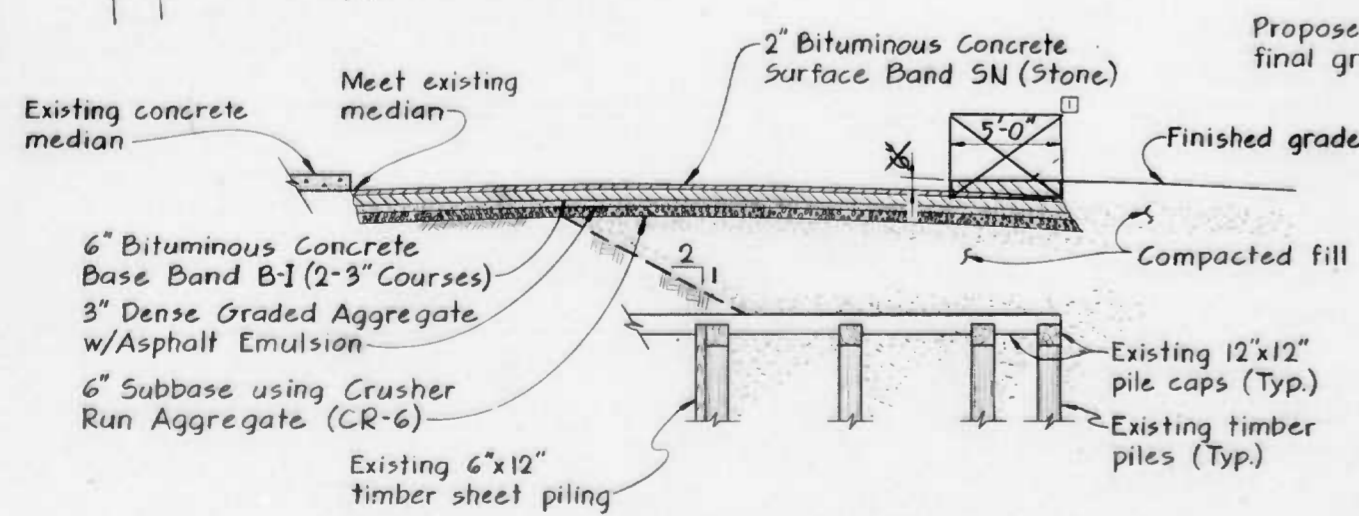
GRADING PLAN

Scale: 1" = 40'

GRADING LEGEND

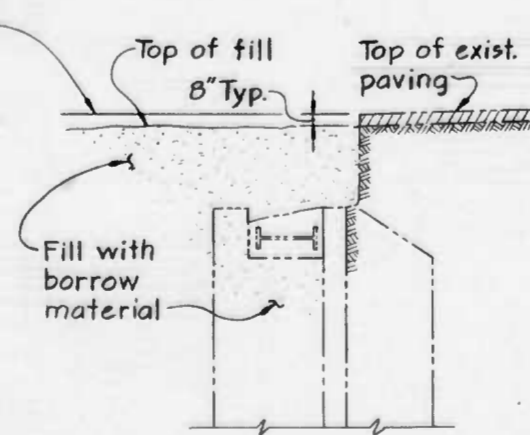
- Existing light pole
- Existing 4'-0" high fence line
- New storm drain system
- Limit of water surface
- Existing structure
- Existing grade
- Proposed finished grade (Top of pavement)
- Area to be repaved
- Existing spot elevations

Note: This grading plan shows the proposed final grade elevations at the top of finished pavement. The top of fill in this contract will be to 8 inches below finished grade, unless noted otherwise.



SECTION C5A/C5 TYPICAL FILL DETAIL AT PIERS 5 AND 6

Scale: 3/16" = 1'-0"



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EXAMINED BY BWS
W.O. 80162

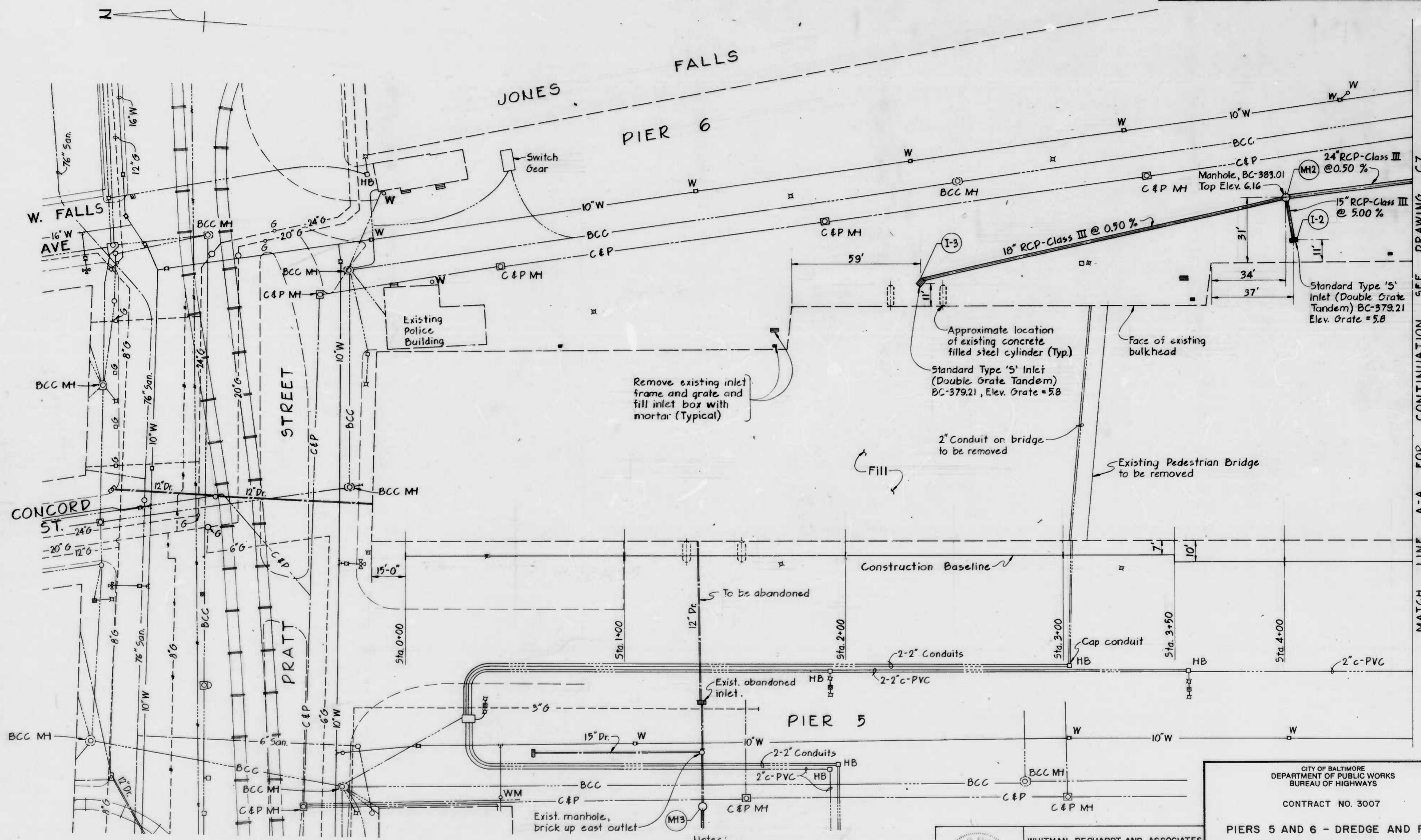
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DEPARTMENT OF PUBLIC WORKS
BUREAU OF HIGHWAYS
CONTRACT NO. 3007
PIERS 5 AND 6 - DREDGE AND FILL
GRADING PLAN
SCALE: AS SHOWN
DRAWING: C5
DATE: OCT. 15, 1984
SHEET 6r OF 17

FILE REF.

FILE REF.

REVISIONS			
NO.	DESCRIPTION	DATE	BY



MATCH LINE A-A FOR CONTINUATION SEE DRAWING C7

UTILITY PLAN
Scale: 1" = 20'

- Notes:
1. For Utility Plan Legend see Dwg. C7
 2. See Dwg. C7 for storm drainage on Pier 5.



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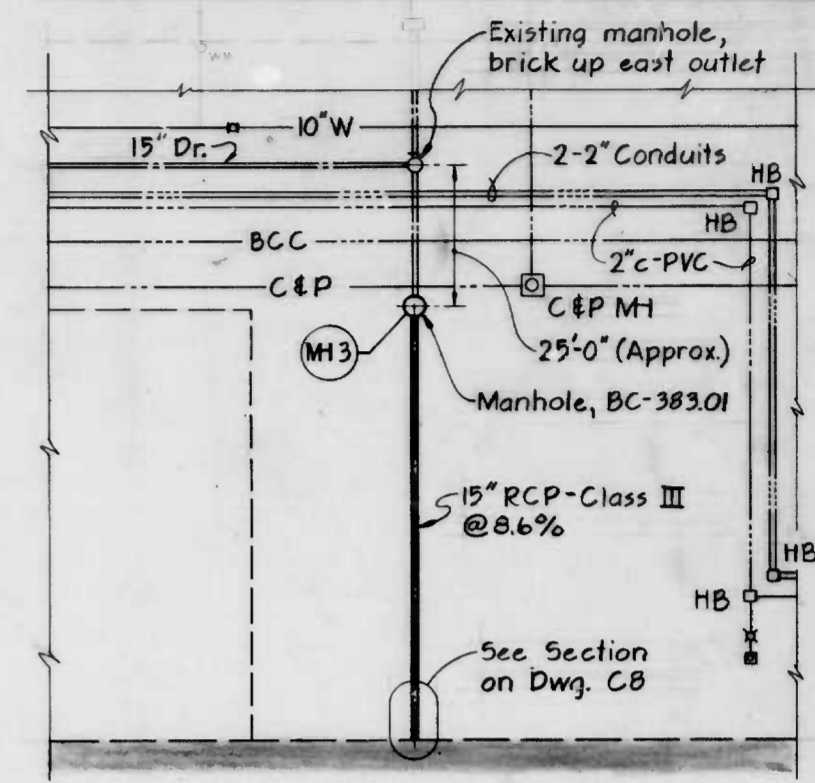
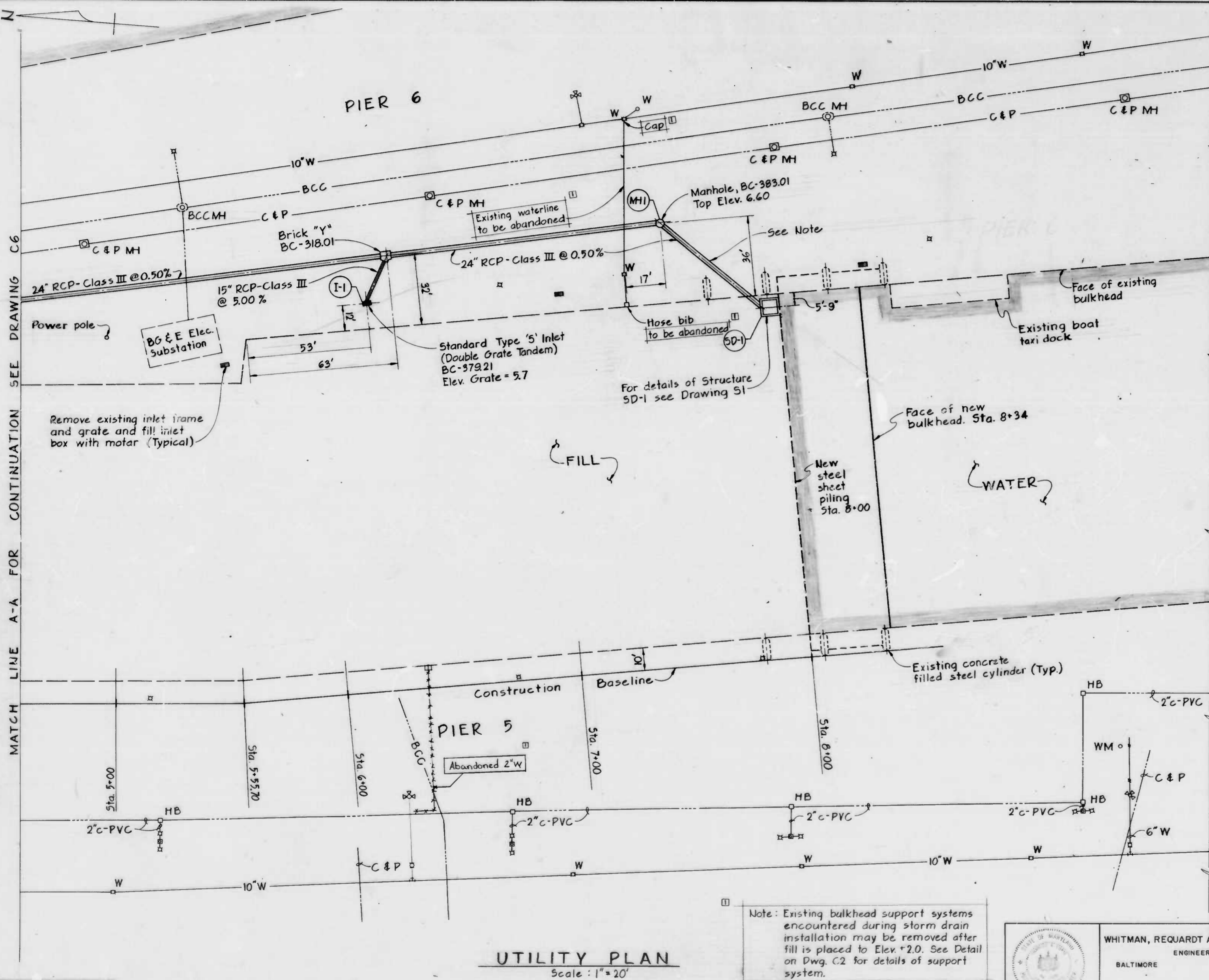
CITY OF BALTIMORE
DEPARTMENT OF PUBLIC WORKS
BUREAU OF HIGHWAYS
CONTRACT NO. 3007
PIERS 5 AND 6 - DREDGE AND FILL
UTILITY PLAN
SCALE: AS SHOWN DATE: OCT. 15, 1984
DRAWING: C6 SHEET 7 OF 17

DRAWN BY JCB
EXAMINED BY [Signature]
W.O. 80162

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FILE REF.

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PART PLAN - PIER 5
Scale: 1" = 20'

LEGEND-UTILITY PLAN		
EXISTING		PROPOSED
	Storm drain & inlets	
	Storm drain manhole	
	10" W Water main	
	Water valve	
	Water meter	
	Fire hydrant	
	BCC MH Baltimore City Conduit & Manhole	
	C&P MH C&P Telephone and manhole	
	Light pole	
	Light pole (2 luminaires)	
	Hand box	
	Gas main	
	Sanitary sewer and manhole	
	Existing building or face of pier	
	Existing water surface	

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DEPARTMENT OF PUBLIC WORKS
BUREAU OF HIGHWAYS

CONTRACT NO. 3007

PIERS 5 AND 6 - DREDGE AND FILL

UTILITY PLAN

SCALE AS SHOWN DATE OCT. 15, 1984
DRAWING: C7 SHEET 8 OF 17

Note: Existing bulkhead support systems encountered during storm drain installation may be removed after fill is placed to Elev. +2.0. See Detail on Dwg. C2 for details of support system.

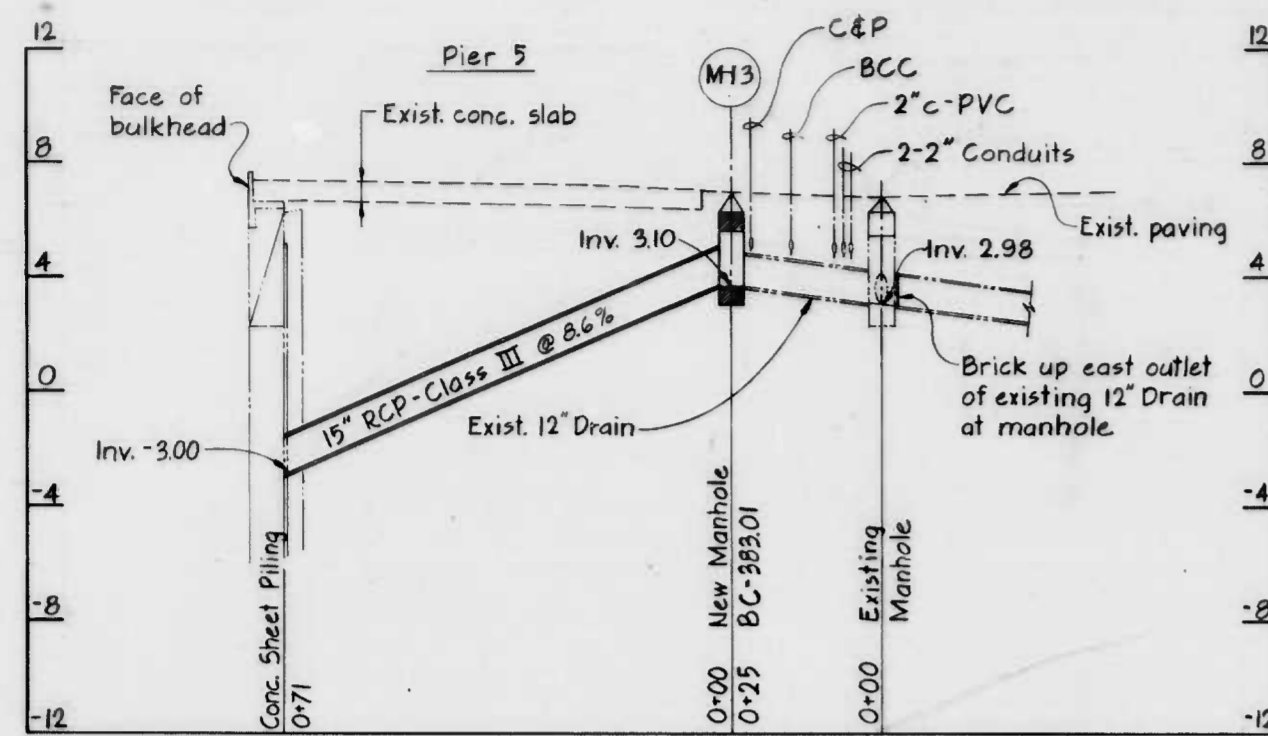
WHITMAN, REQUARDT AND ASSOCIATES
ENGINEERS
BALTIMORE MARYLAND

DRAWN BY *LCB*
EXAMINED BY *BCW*

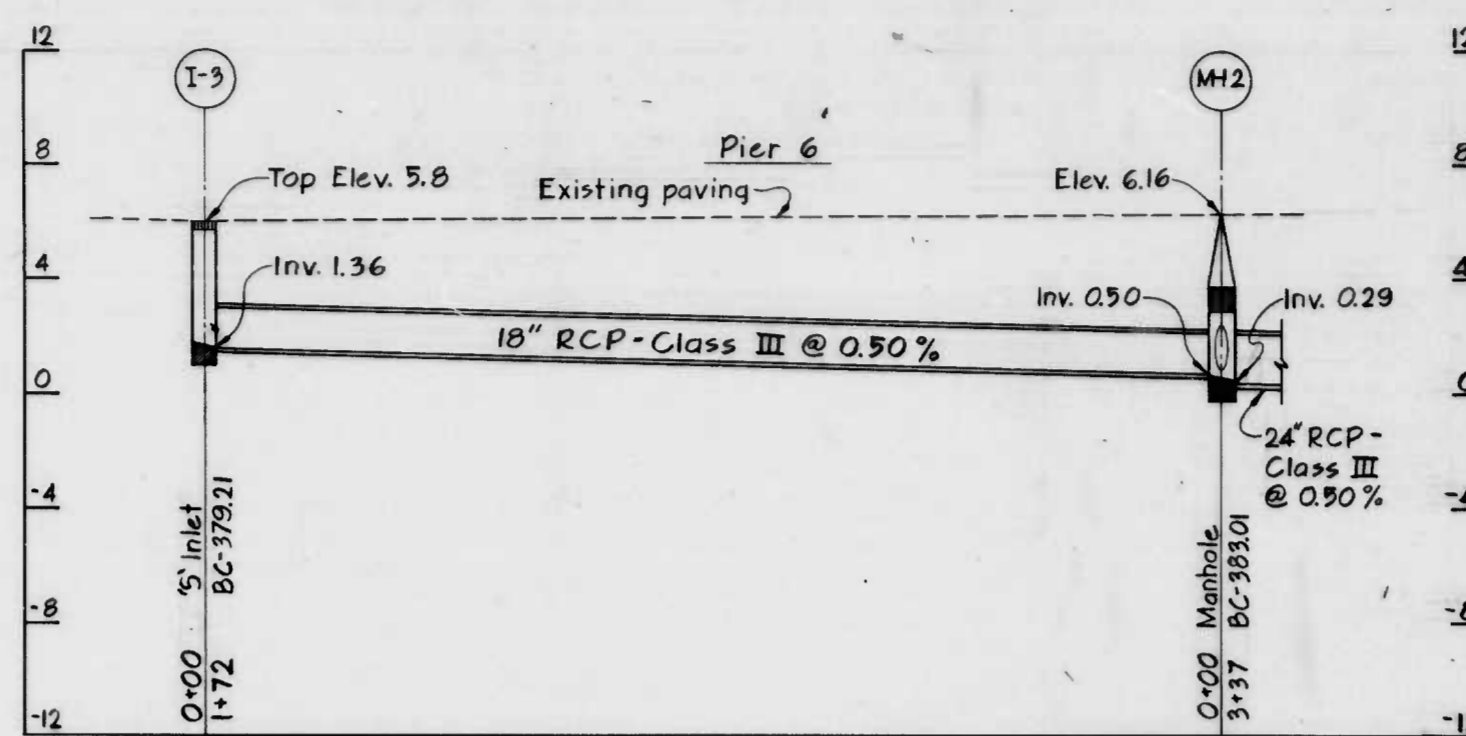
W.O. 80162

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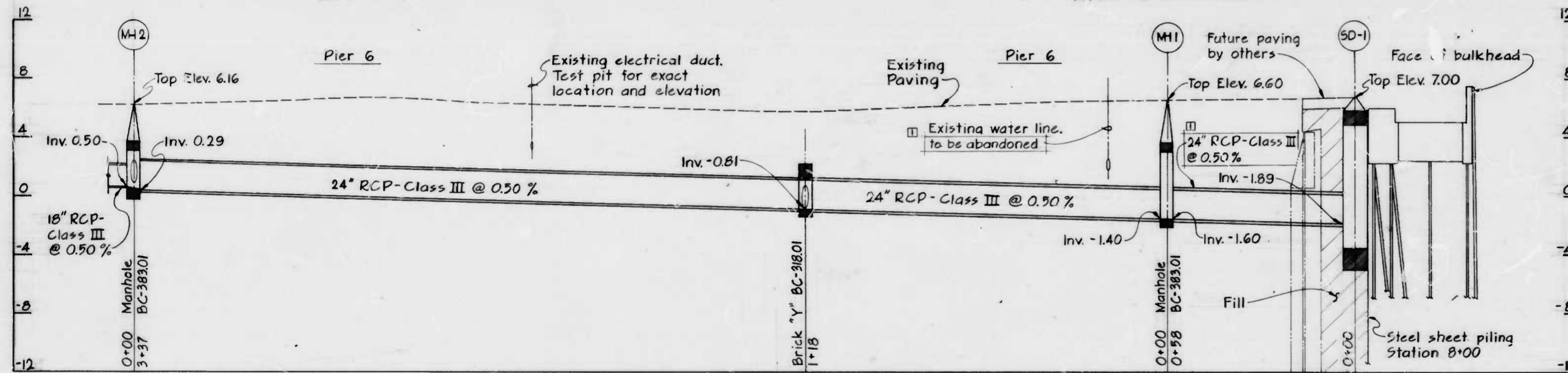
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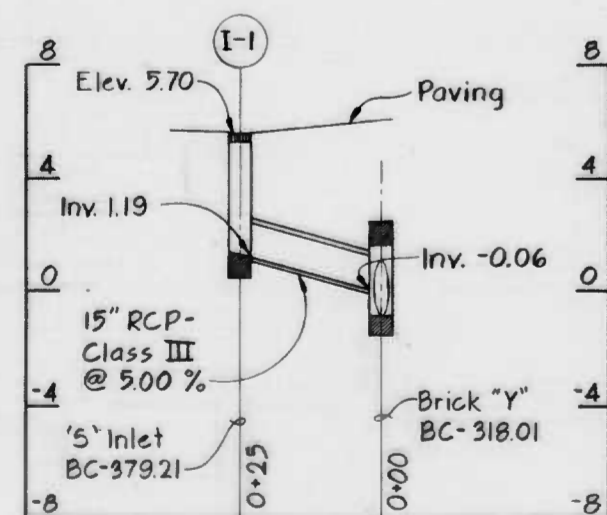
PROFILE-PIER 5 STORM DRAIN
Scale: Horiz: 1"=20'
Vert: 1"=4'



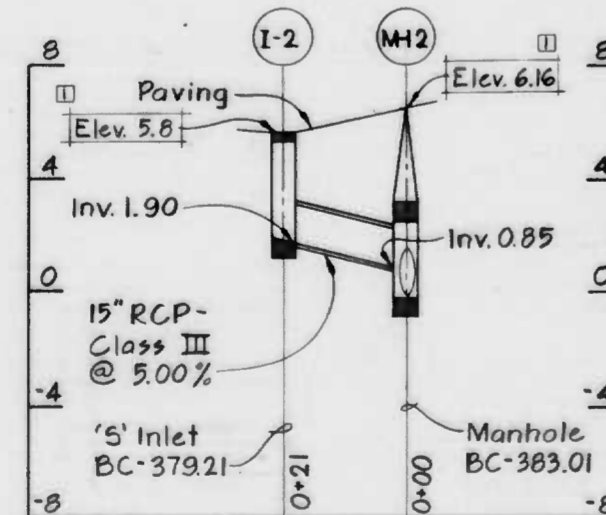
PROFILE-18" STORM DRAIN
Scale: Horiz: 1"=20'
Vert: 1"=4'



PROFILE-24" STORM DRAINS
Scale: Horiz: 1"=20'
Vert: 1"=4'

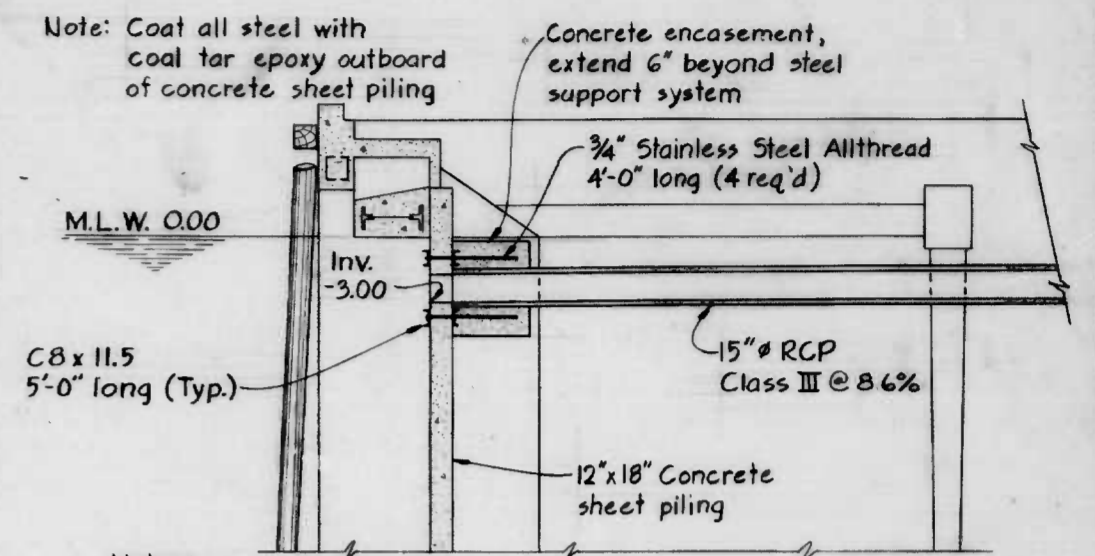


PROFILE-INLET I-1
Scale: Horiz: 1"=20'
Vert: 1"=4'



PROFILE-INLET I-2
Scale: Horiz: 1"=20'
Vert: 1"=4'

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1	Addendum #1	10/23/84	



- Notes:
- See Section C2A for details of existing bulkhead.
 - The Contractor is advised that the use of a cofferdam may be required for the proposed installation.

SECTION AT 15" STORM DRAIN
Scale: 3/4"=1'-0"

DRAWN BY: ZCB
EXAMINED BY: [Signature]
KUPFFELSSER #551
W.O. 80162



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BUREAU OF HIGHWAYS
CONTRACT NO. 3007
PIERS 5 AND 6 - DREDGE AND FILL
STORM DRAIN PROFILES
SCALE AS SHOWN
DRAWING: CB
DATE: OCT. 15, 1984
SHEET 9 OF 17

FILE REF.

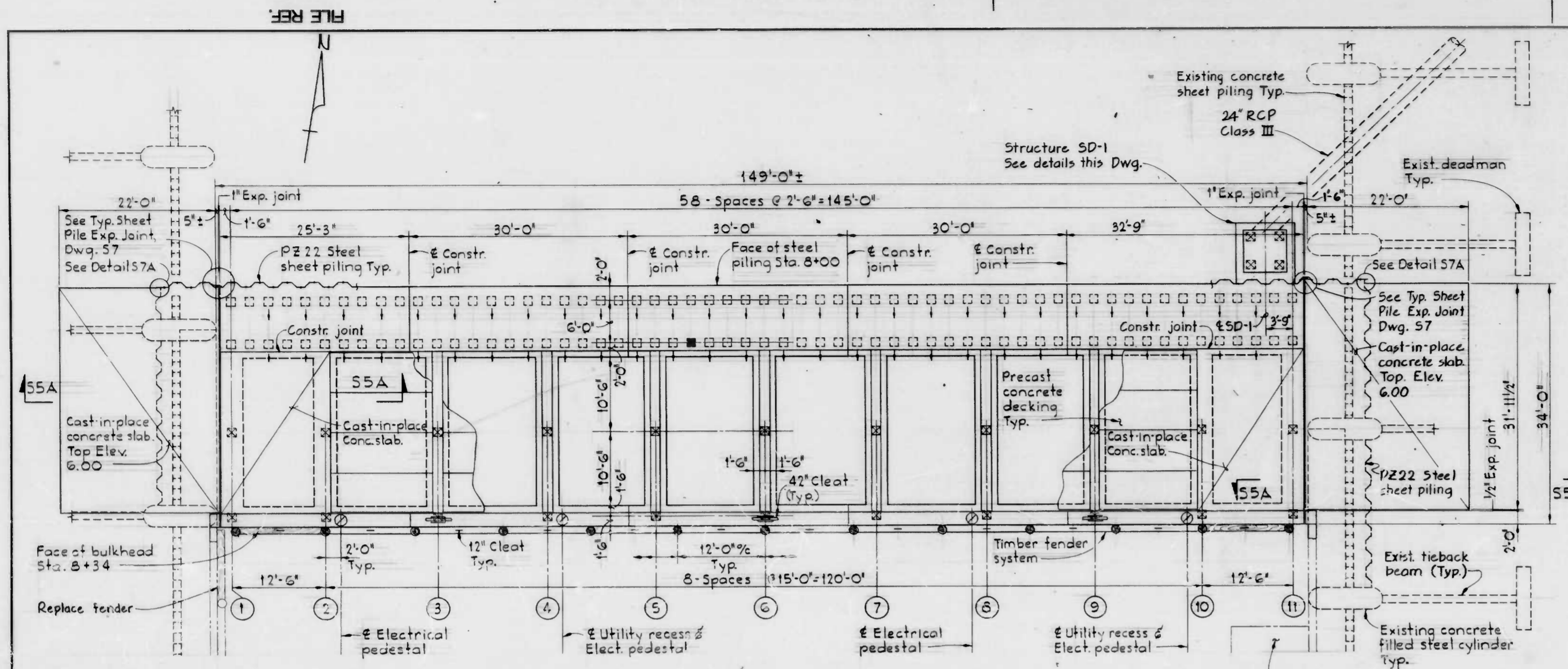
REVISIONS			
NO.	DESCRIPTION	DATE	BY
1	Addendum #1	10/25/84	

NOTES

1. For General Notes and Structural Notes see Dwg. S3.
2. For Typical Details see Dwg. S7.
3. For Prestressed Concrete Pile Details see Dwg. S7.
4. For Part Plans at East and West ends of New Bulkhead see Dwg. S2.
5. For Typical Section through New Bulkhead see Dwg. S3.
6. For Fender System Details see Dwg. S7.
7. For Precast Concrete Decking Details see Dwg. S6.
8. For 42 inch Cleat Details see Dwg. S7.

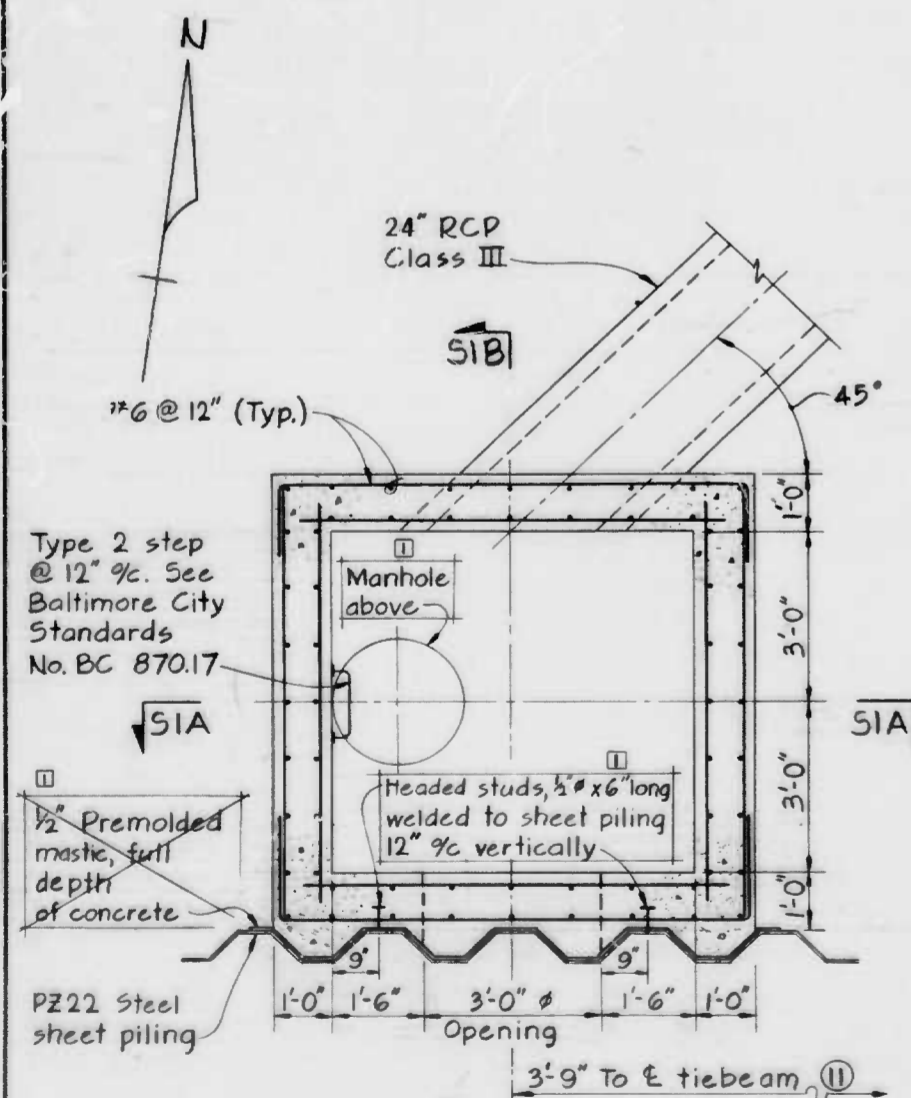
LEGEND

- ⊠ Prestressed plumb piles - 14" square
- ⊡ Prestressed plumb tension piles - 14" square
- ⊣ Prestressed battered piles (4:12) - 14" square
- Prestressed pile to be test loaded (tension)
- ⊞ 42" Cleat (Relocated)
- ⊙ Electrical outlet pedestal
- Ⓜ Tiebeam number

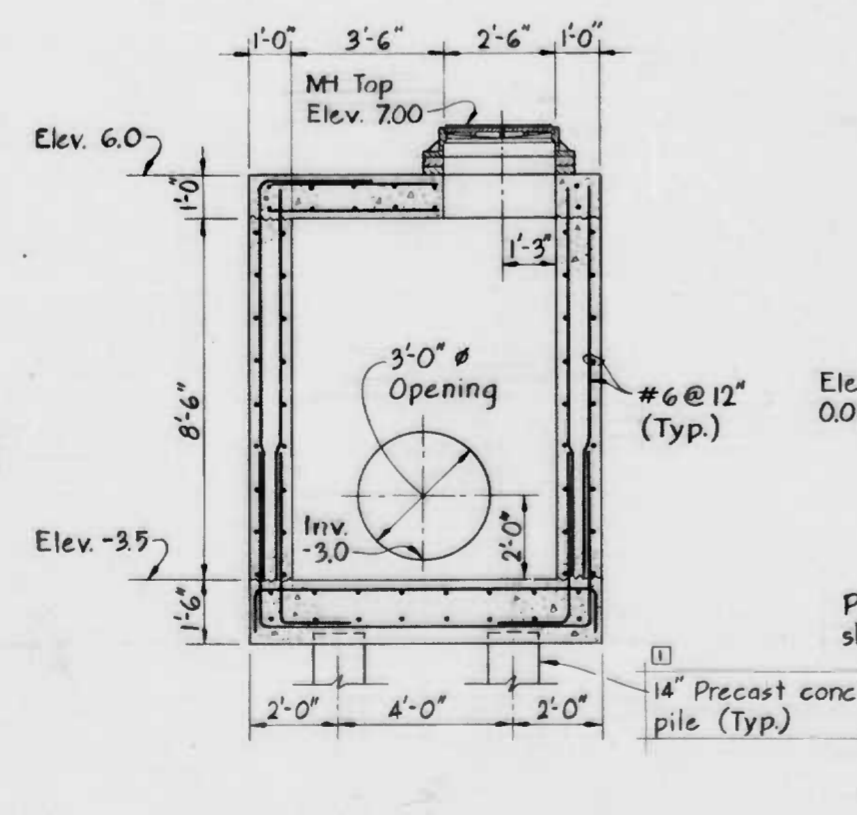


BULKHEAD - PILE AND FRAMING PLAN

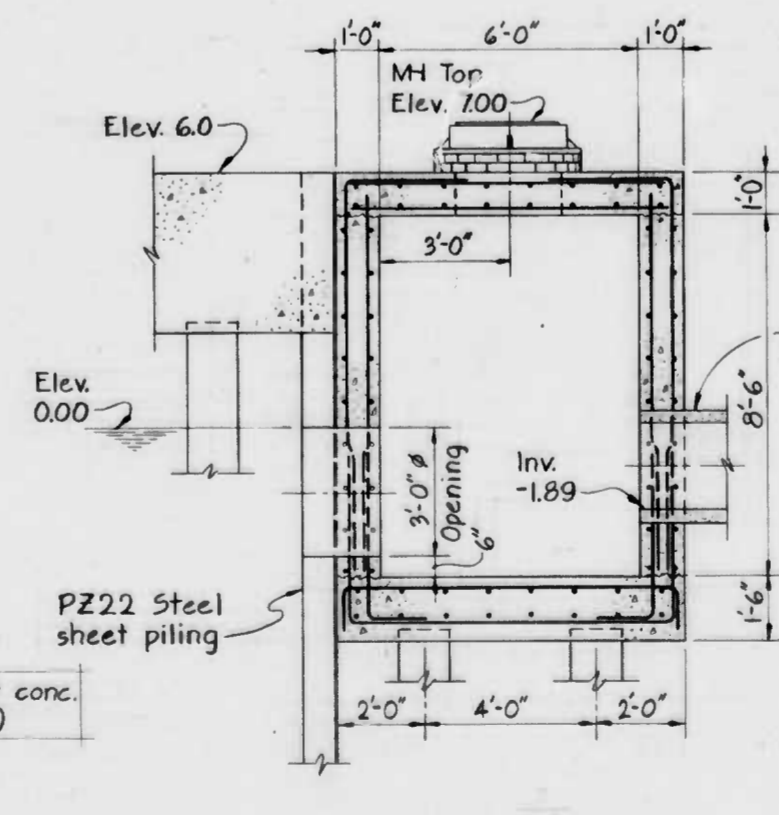
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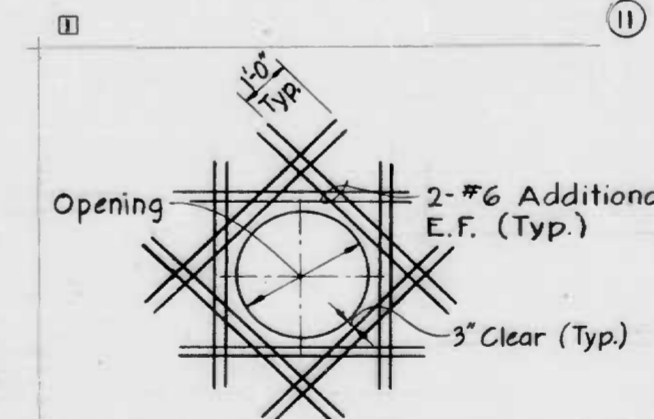
STRUCTURE SD-1
Scale: 1/2" = 1'-0"



SECTION S1A/S1
Scale: 3/8" = 1'-0"



SECTION S1B/S1
Scale: 3/8" = 1'-0"



ADDITIONAL REINFORCEMENT AROUND OPENINGS
No Scale

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BUREAU OF HIGHWAYS

CONTRACT NO. 3007

PIERS 5 AND 6 - DREDGE AND FILL

NEW BULKHEAD PLAN

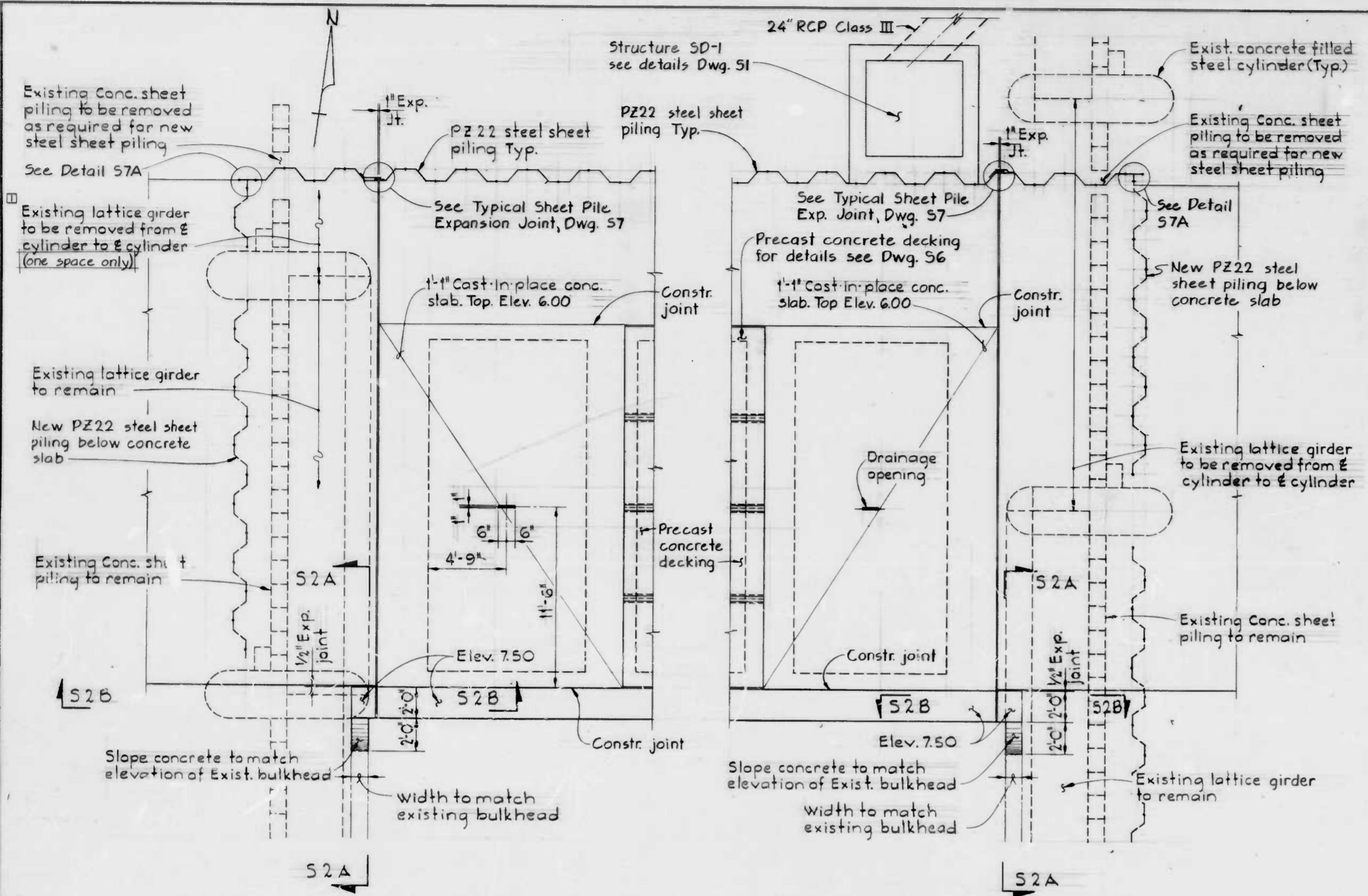
SCALE AS SHOWN DATE OCT. 15, 1984
DRAWING: S1 SHEET 10 OF 17

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EXAMINED BY: [Signature]
W.O. 80162

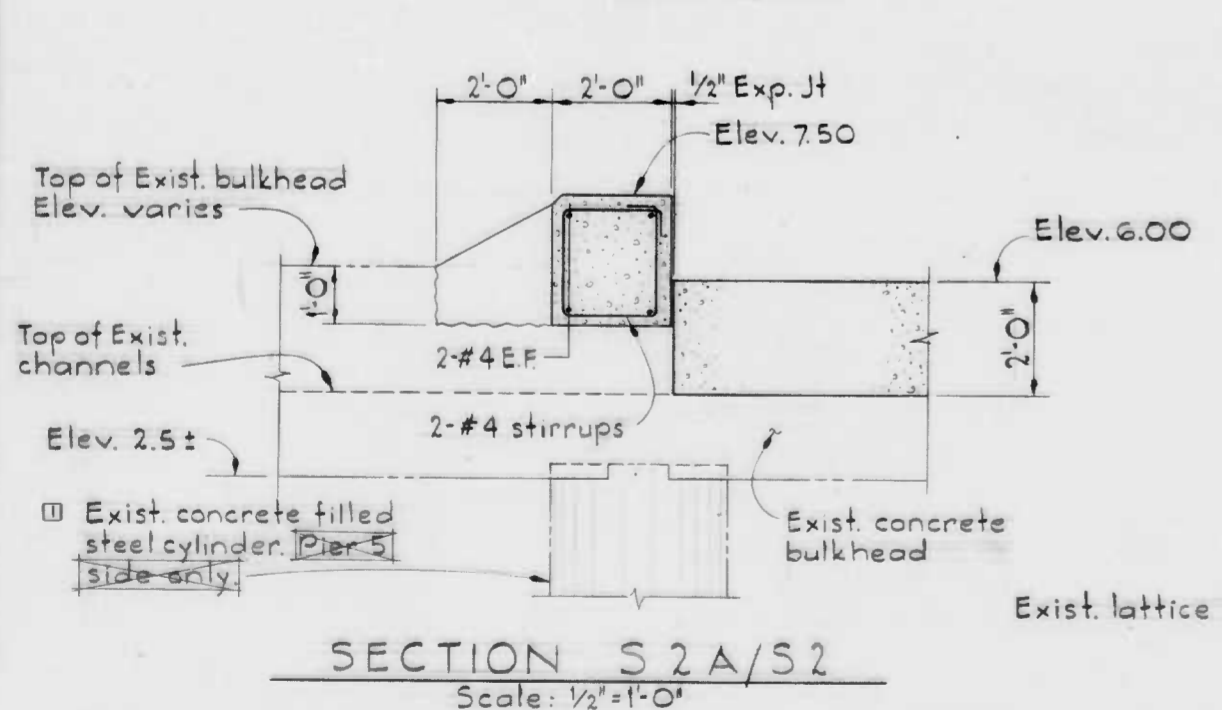
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NO.	DESCRIPTION	DATE	BY
1	Addendum #1	10/25/84	

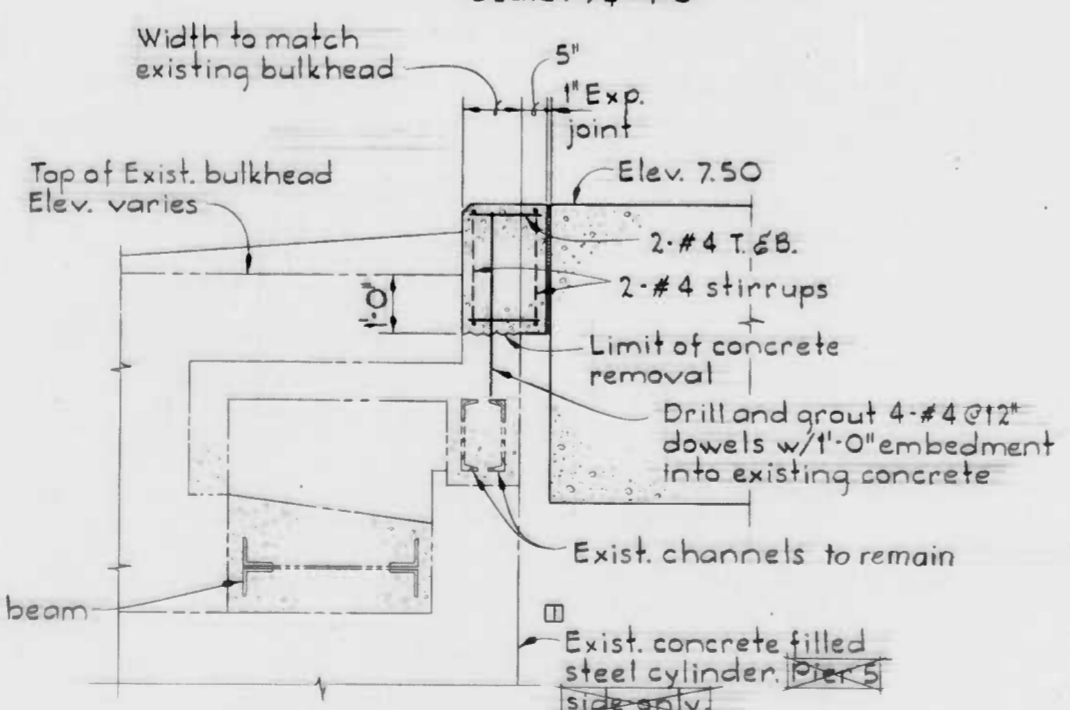


PART PLAN - WEST END
Scale: 1/4" = 1'-0"

PART PLAN - EAST END
Scale: 1/4" = 1'-0"



SECTION S2A/S2
Scale: 1/2" = 1'-0"



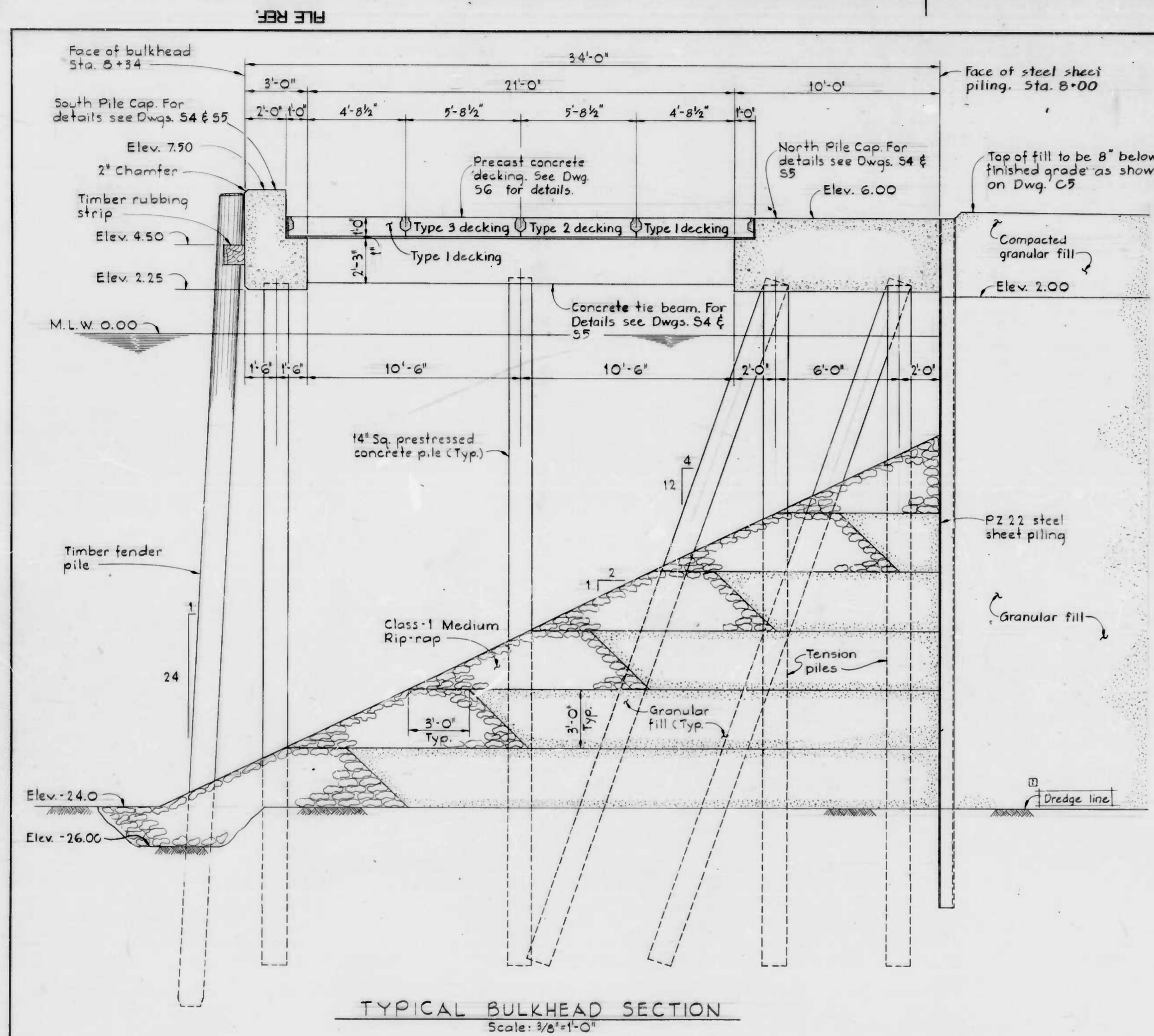
SECTION S2B/S2
Scale: 1/2" = 1'-0"

DRAWN BY: CSA / J.A.R.
EXAMINED BY: J.W.B.
W.D. 80162

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BUREAU OF HIGHWAYS
CONTRACT NO. 3007
PIERS 5 AND 6 - DREDGE AND FILL
PART PLANS AND SECTIONS
SCALE AS SHOWN DATE OCT. 15, 1984
DRAWING: 32 SHEET 11 OF 17

FILE REF.



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NO.	DESCRIPTION	DATE BY
1	Addendum #1	10/25/84

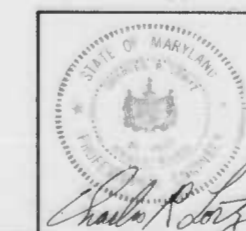
GENERAL NOTES

- Existing piers and other structures shown on these drawings are for the convenience of the Contractor and there is no warranty or guarantee of the correctness or completeness of the information shown. The Contractor shall verify the size and location of all existing structures to his own satisfaction.
- All dimensions to existing structures shall be verified by the Contractor prior to construction.
- Care shall be taken in both removal work and new construction to prevent damage to existing bulkhead to remain.
- For location of Police Mooring Facility see Dwg. 58.

STRUCTURAL NOTES

- CAST-IN-PLACE CONCRETE**
- All cast-in-place concrete shall have a minimum compressive strength of 4,000 psi at 28 days.
 - Reinforced concrete is designed and shall be detailed and constructed in accordance with the current specification ACI 318-83.
 - All reinforcing shall conform to ASTM A615-82 Grade 60 except Grade 40 for stirrups and ties.
 - Unless noted otherwise, concrete cover for reinforcement shall be as follows:
 - Bottom and sides of beams and slabs - 3 inches.
 - Top of beams and slabs - 2 inches.
 - All exposed concrete edges shall be chamfered 3/4 inches unless noted otherwise.
 - Construction and expansion joints shall be located as shown on the drawings. No additional joints shall be used nor shall any joints be omitted except by written authorization of the Engineer.
 - All splices and embedments for reinforcing bars not dimensioned on the drawings shall be detailed as Class "C" Splices.

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 EXAMINED BY [Signature]
 W.O. 80162



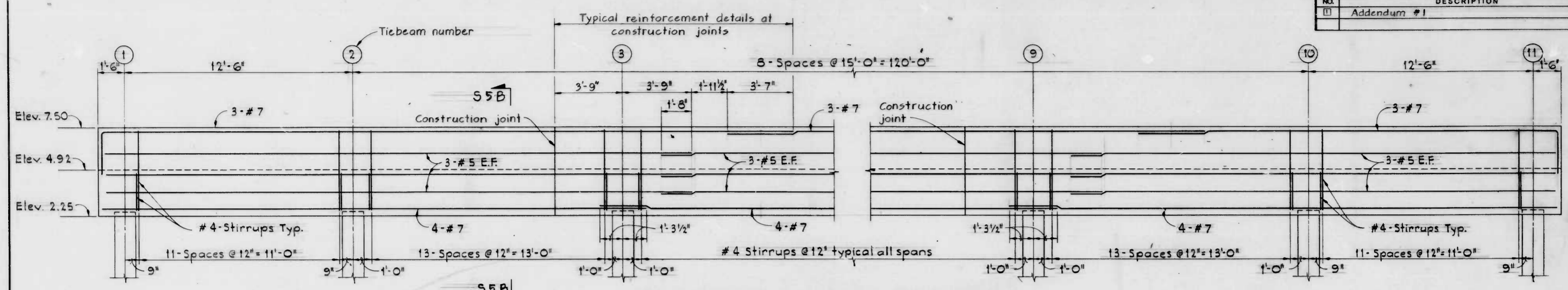
WHITMAN, REQUARDT AND ASSOCIATES
 ENGINEERS
 BALTIMORE MARYLAND

CITY OF BALTIMORE
 DEPARTMENT OF PUBLIC WORKS
 BUREAU OF HIGHWAYS
 CONTRACT NO. 3007
 PIERS 5 AND 6 - DREDGE AND FILL
NEW BULKHEAD SECTIONS
 SCALE AS SHOWN DATE: OCT 15, 1984
 DRAWING: S3 SHEET 12 OF 17

FILE REF.

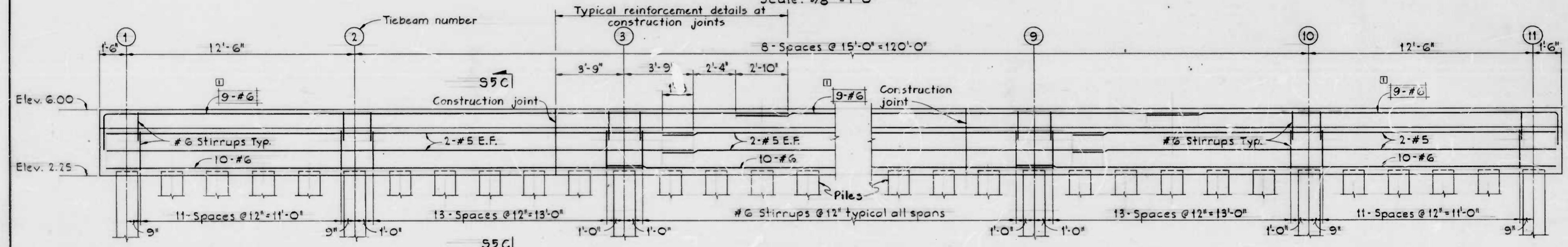
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REVISIONS			
NO.	DESCRIPTION	DATE	BY
1	Addendum #1	10/25/84	



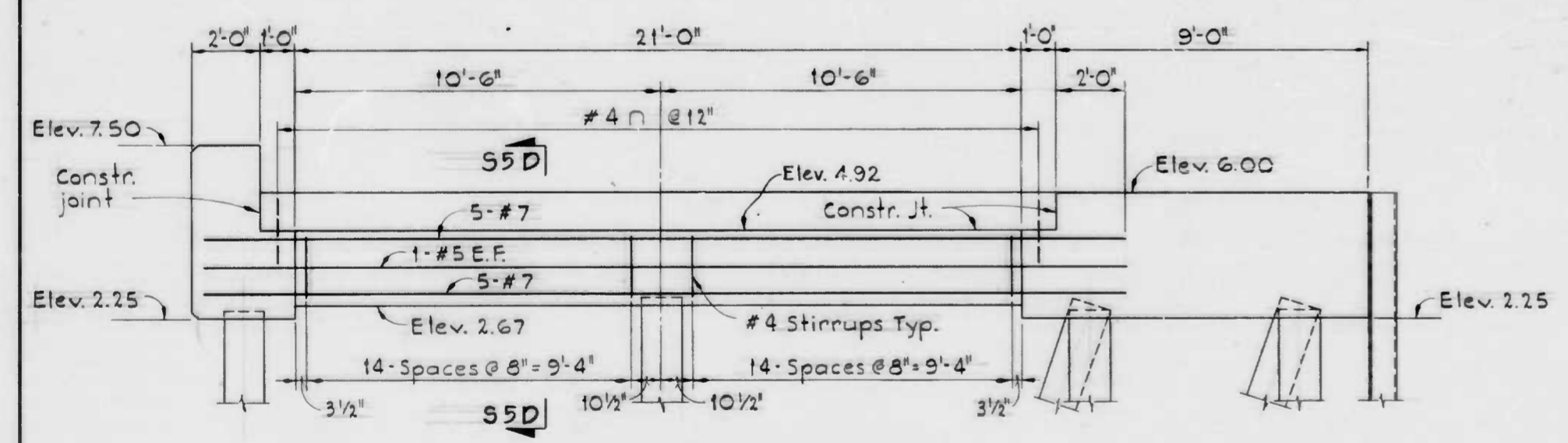
ELEVATION - SOUTH PILE CAP

Scale: 3/8" = 1'-0"



ELEVATION - NORTH PILE CAP

Scale: 3/8" = 1'-0"



ELEVATION - TYPICAL TIE BEAM

Scale: 3/8" = 1'-0"

Note:
Intermediate construction joints shall be spaced at 30'-0". See New Bulkhead Plan, Dwg. S1.

DRAWN BY CSN / J.G.R.
EXAMINED BY [Signature]
KUPFERLEDER #400
W.O. 80162



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DEPARTMENT OF PUBLIC WORKS
BUREAU OF HIGHWAYS

CONTRACT NO. 3007

PIERS 5 AND 6 - DREDGE AND FILL

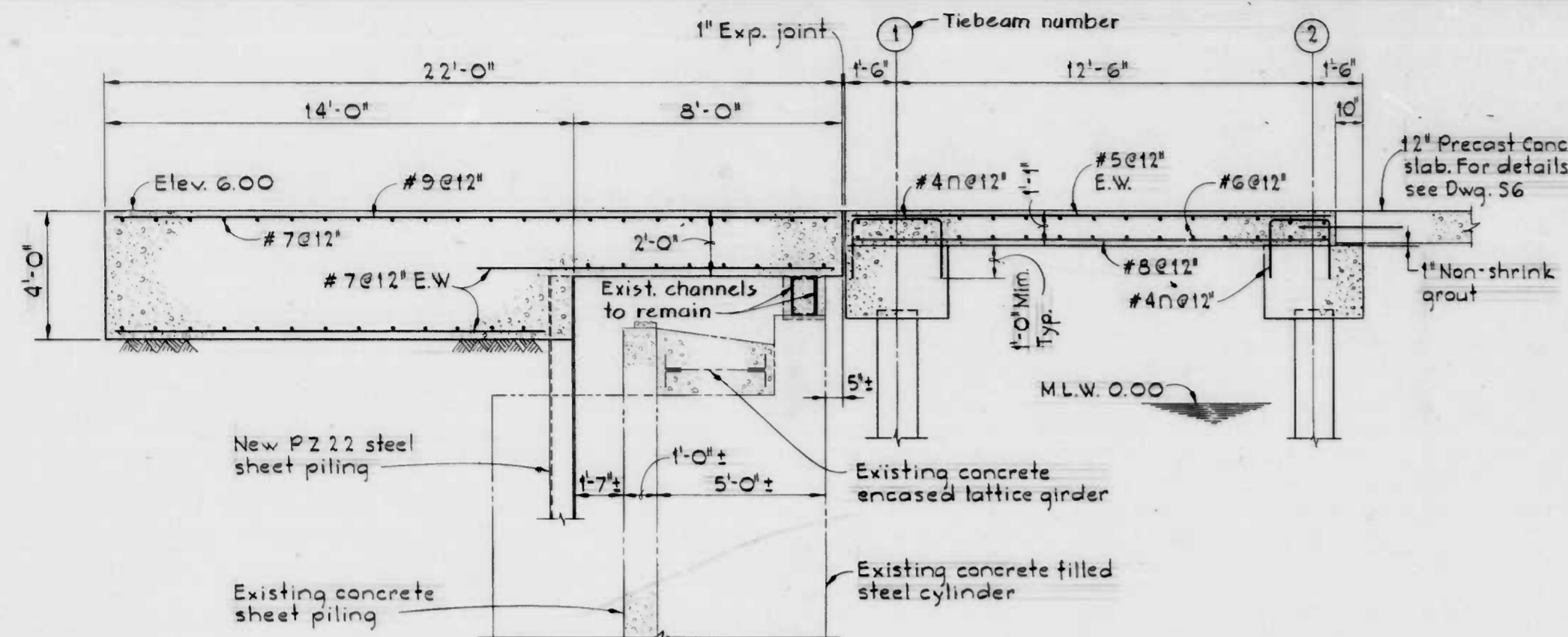
**PILE CAPS AND BEAMS-
ELEVATIONS**

SCALE AS SHOWN
DRAWING: S4

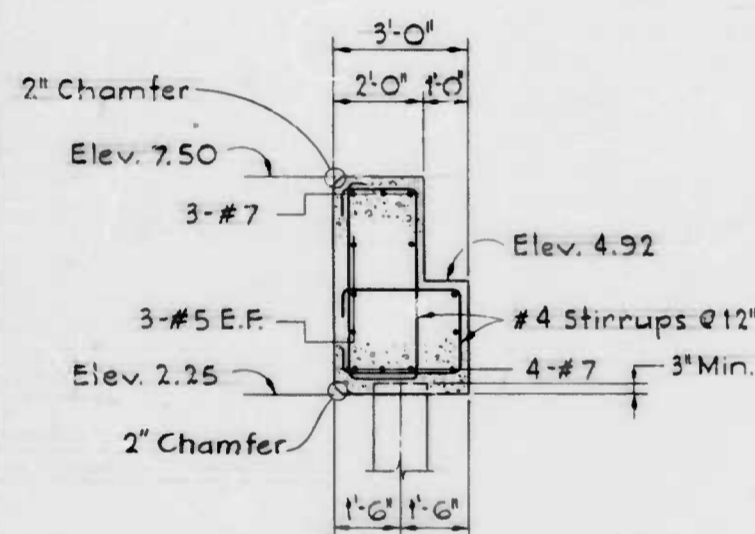
DATE: OCT. 15, 1984
SHEET 13 OF 17

FILE REF.

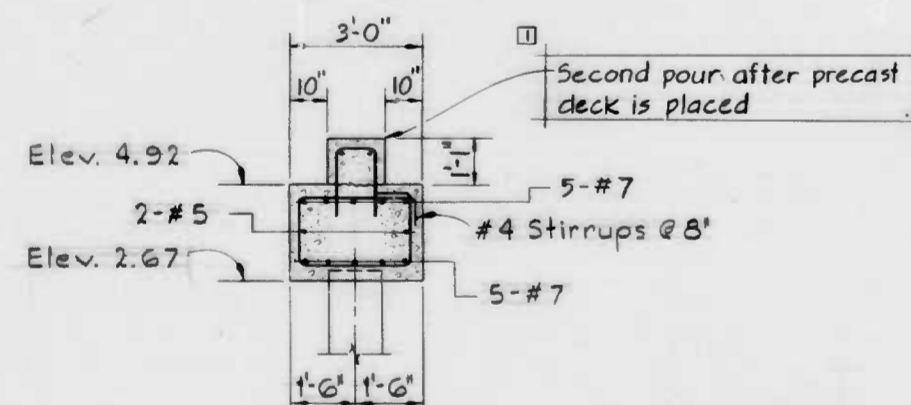
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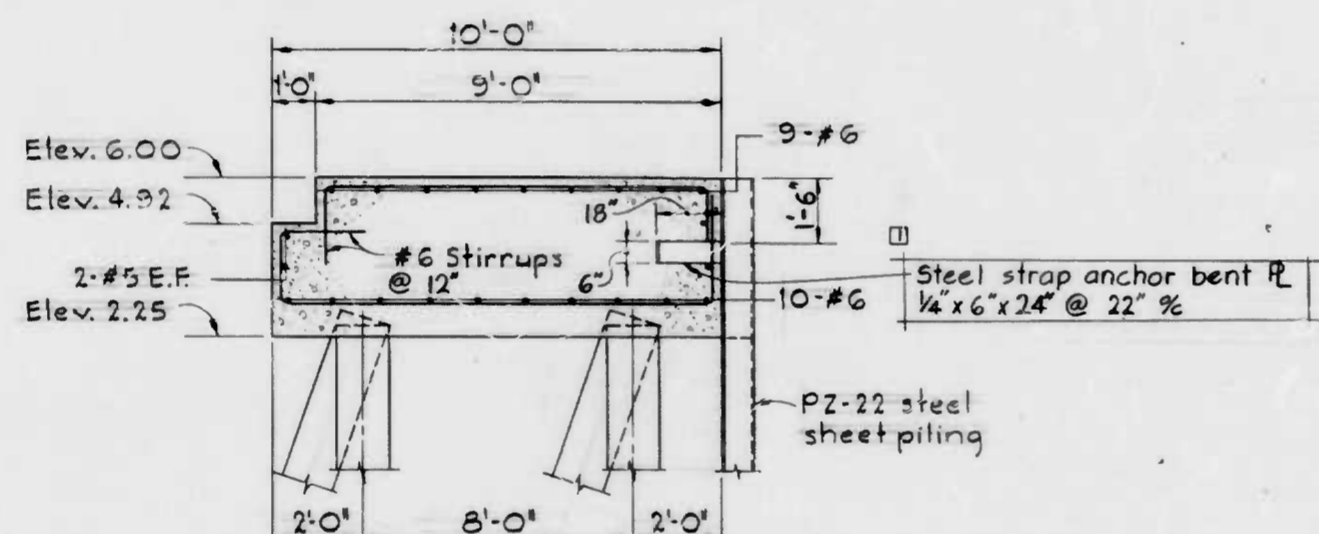
SECTION S5A/S1
Scale: 3/8"=1'-0"



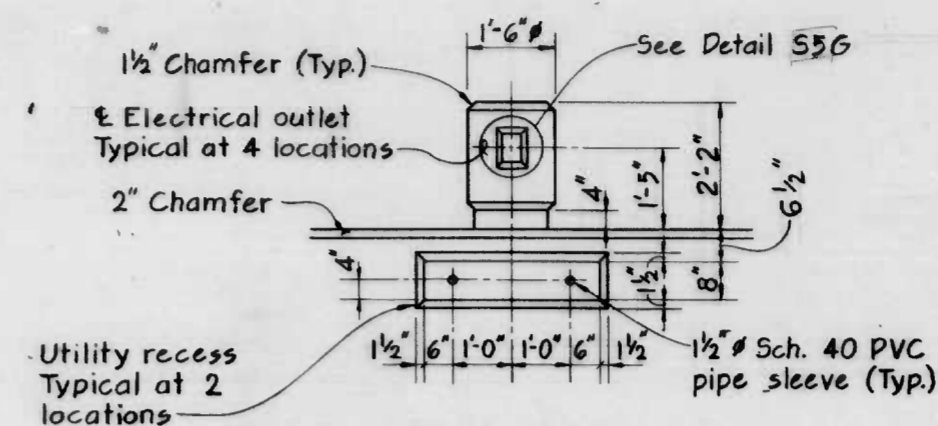
SECTION S5B/S4
Scale: 3/8"=1'-0"



SECTION S5D/S4
Scale: 3/8"=1'-0"

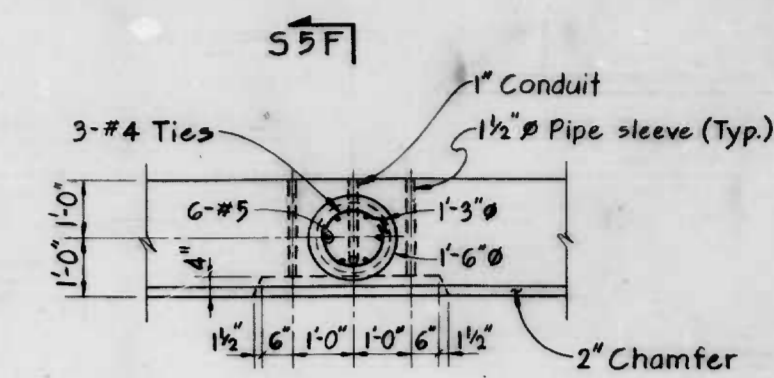


SECTION S5C/S4
Scale: 3/8"=1'-0"

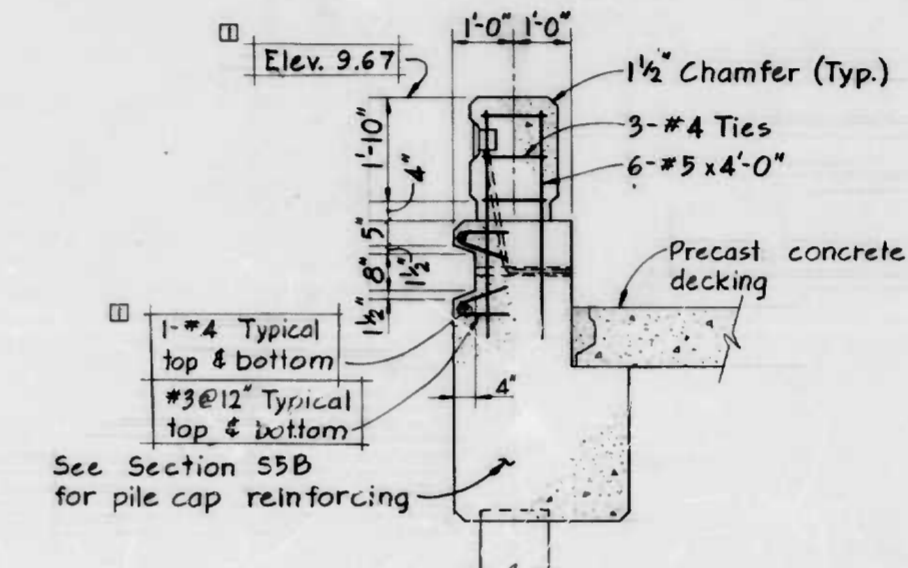


ELEVATION
Scale: 1/2"=1'-0"

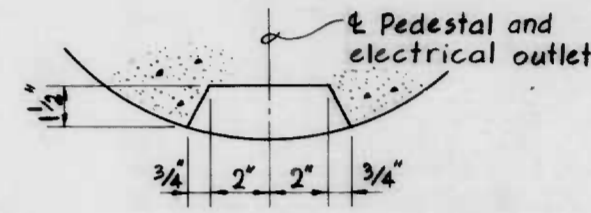
REVISIONS			
NO.	DESCRIPTION	DATE	BY
1	Addendum #1	10/25/84	



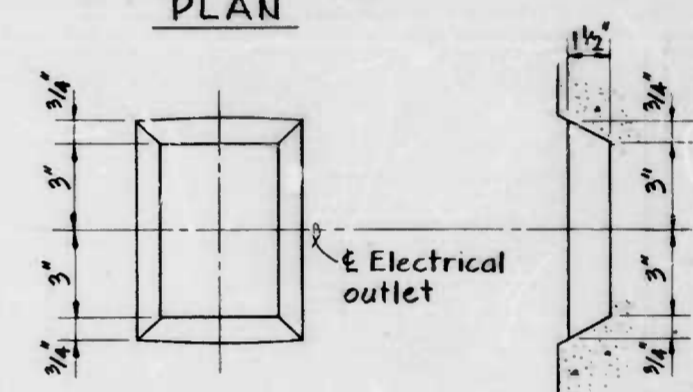
PART PLAN
Scale: 1/2"=1'-0"



SECTION S5F/S5
Scale: 1/2"=1'-0"



PLAN



ELEVATION SECTION

DETAIL S5G/S5
Scale: 3"=1'-0"

UTILITY RECESS AND ELECTRICAL
OUTLET PEDESTAL DETAILS

DRAWN BY CSN/ZLO
EXAMINED BY [Signature]
KRIFFEL & GIBSON 8-9302
W.D. 80162

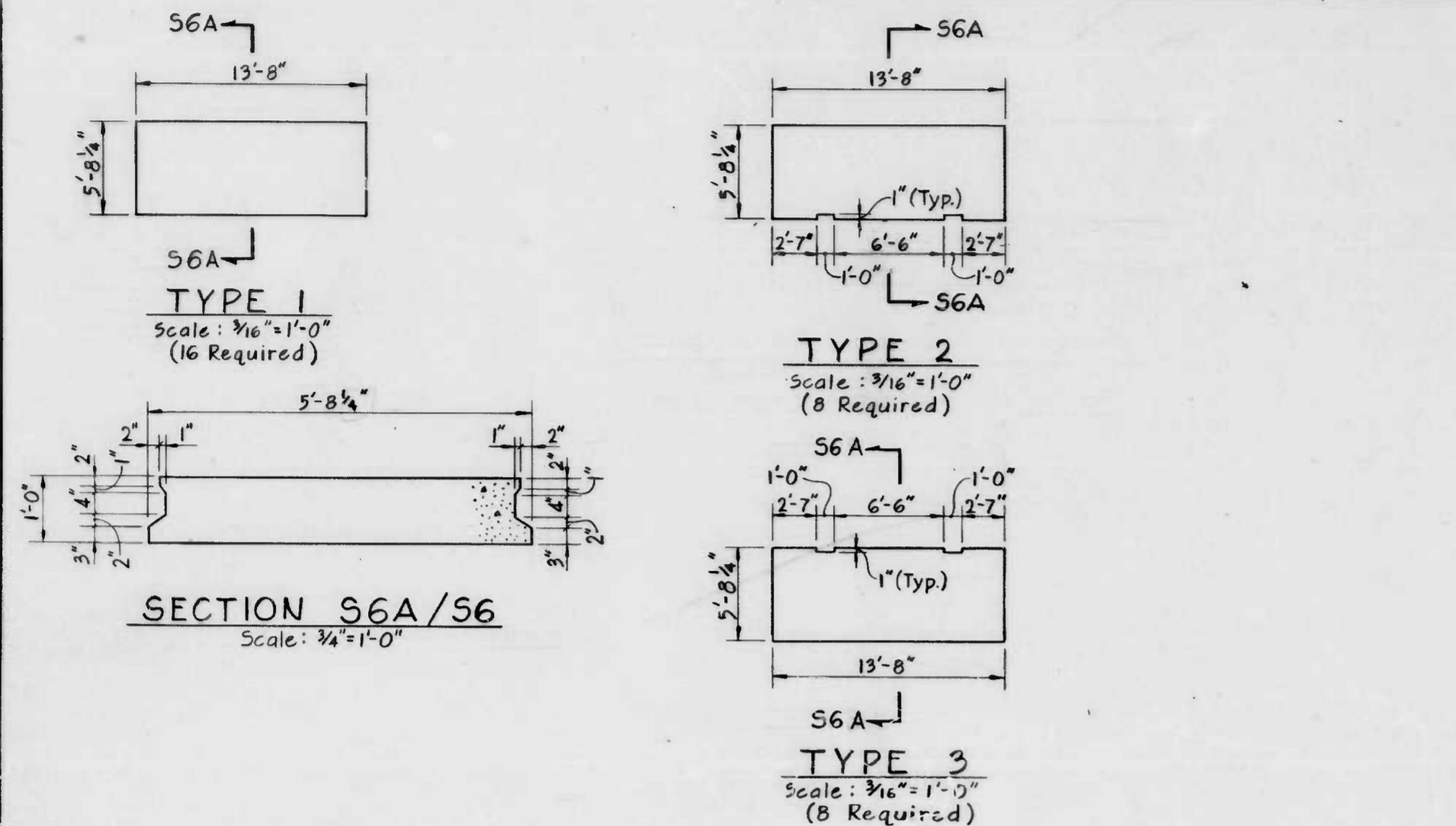
WHITMAN, REQUARDT AND ASSOCIATES
ENGINEERS
BALTIMORE MARYLAND

CITY OF BALTIMORE
DEPARTMENT OF PUBLIC WORKS
BUREAU OF HIGHWAYS
CONTRACT NO. 3007
PIERS 5 AND 6 - DREDGE AND FILL
PILE CAPS AND BEAMS-
SECTIONS AND DETAILS
SCALE: AS SHOWN DATE: OCT. 15, 1984
DRAWING: S5 SHEET 14- OF 17

FILE REF.

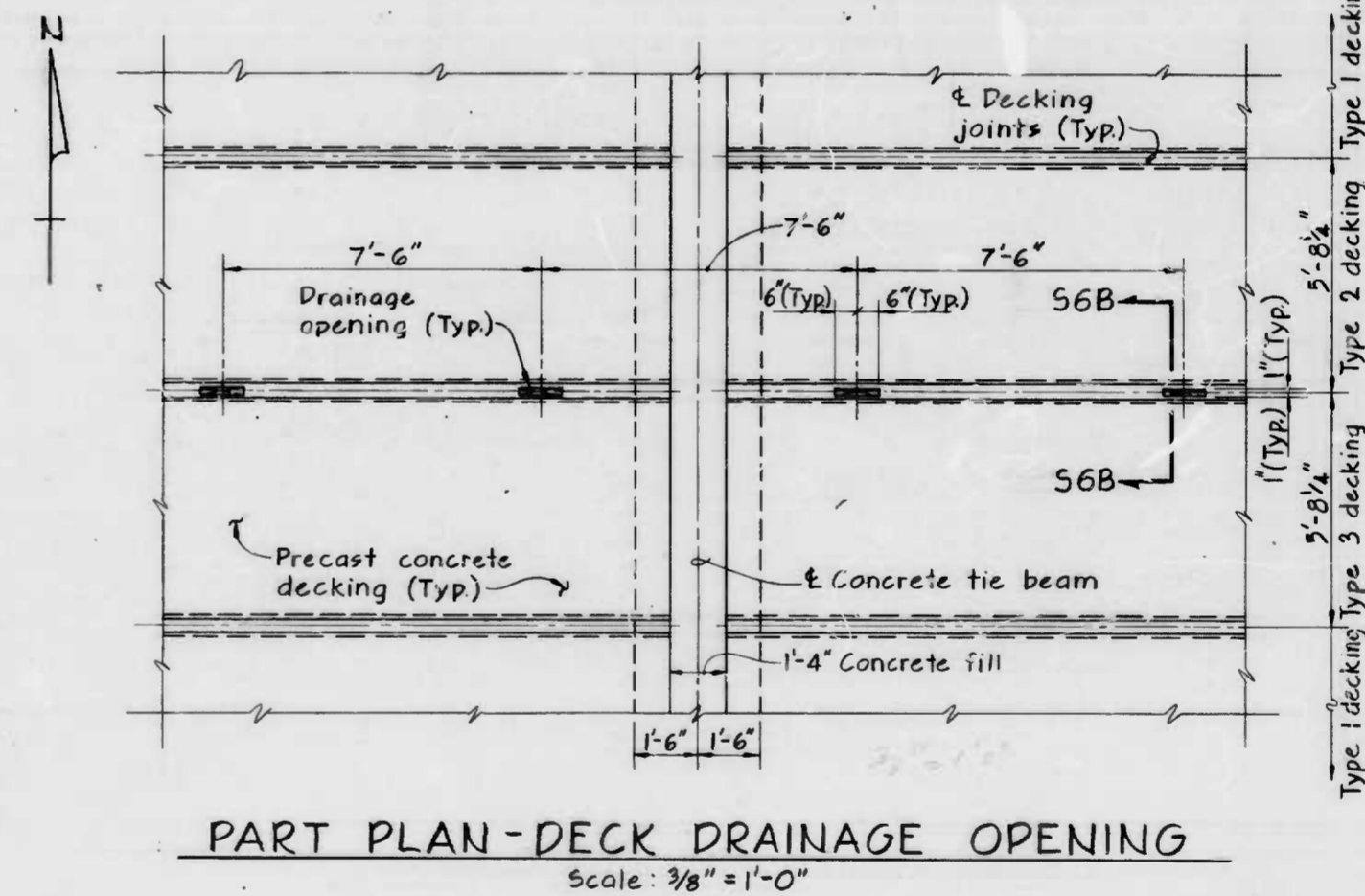
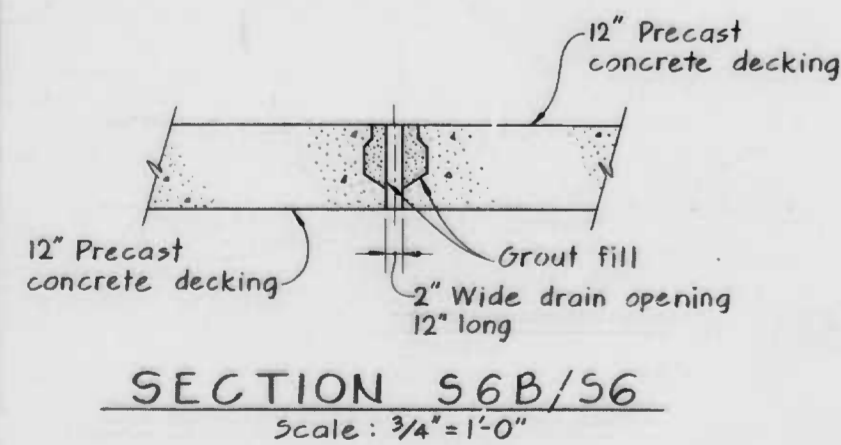
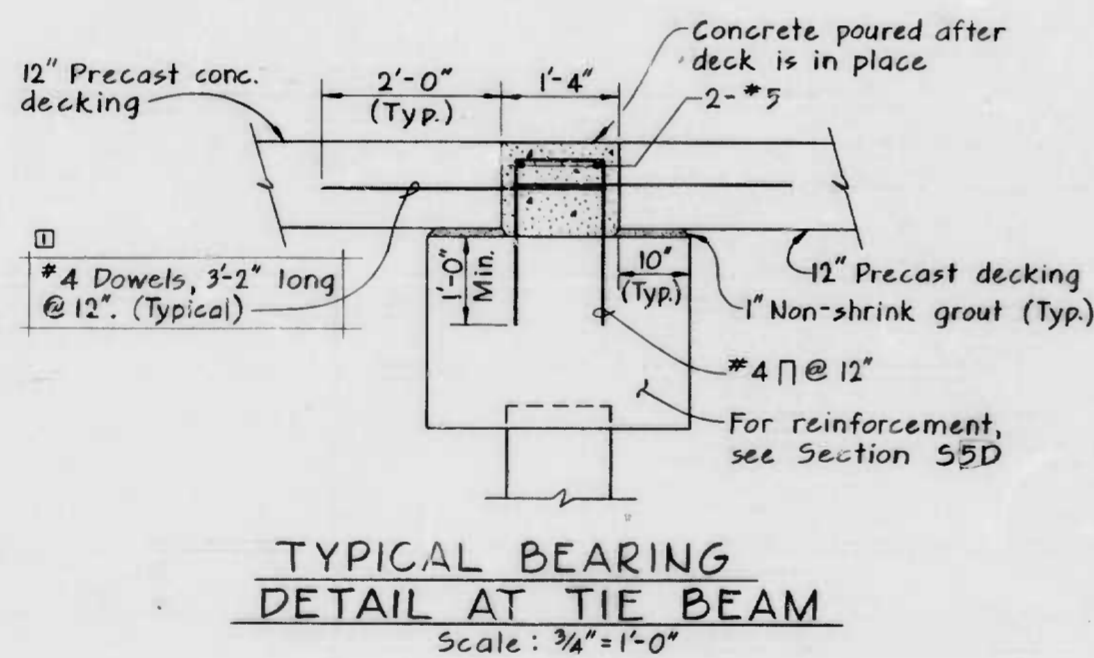
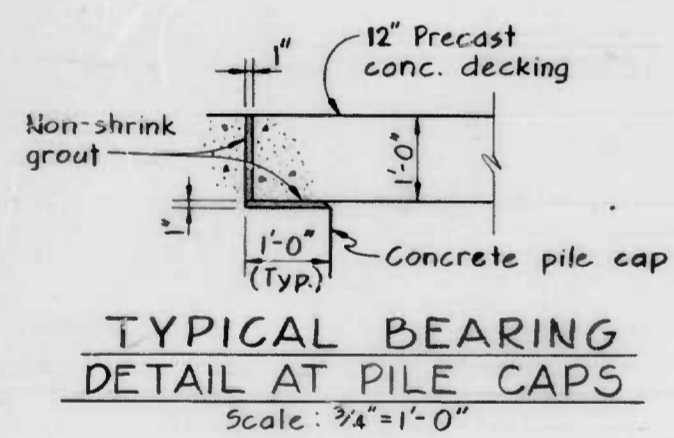
FILE REF.

REVISIONS			
NO.	DESCRIPTION	DATE	BY
1	Addendum #1	10/25/84	



- PRESTRESSED DECKING NOTES**
1. Prestressed decking sections shall be designed for the superimposed dead loads of 100 psf and a live load of 200 psf or an HS20-44 truck.
 2. Decking concrete shall have a minimum compressive strength of 5,000 psi at 28 days. For strands and other requirements, see specifications.
 3. Provide a grout bed under decking at supports to insure full and uniform bearing. After decking is in place grout the joint between the decking and the face at the supports and between decking joints as indicated on the drawings.
 4. Concrete cover for reinforcement shall be 2 inches.
 5. Precast decking unit widths provided allow for an average joint width between the sides of adjacent units of 1/4 inch. The number of decking units required is shown only for the convenience of the Contractor. The Contractor shall verify the number of each type required and shall verify the panel width and spacing required to satisfactorily complete the job.

DECKING DETAILS



DRAWN BY CSN / JLB
EXAMINED BY [Signature]
W.D. 80162

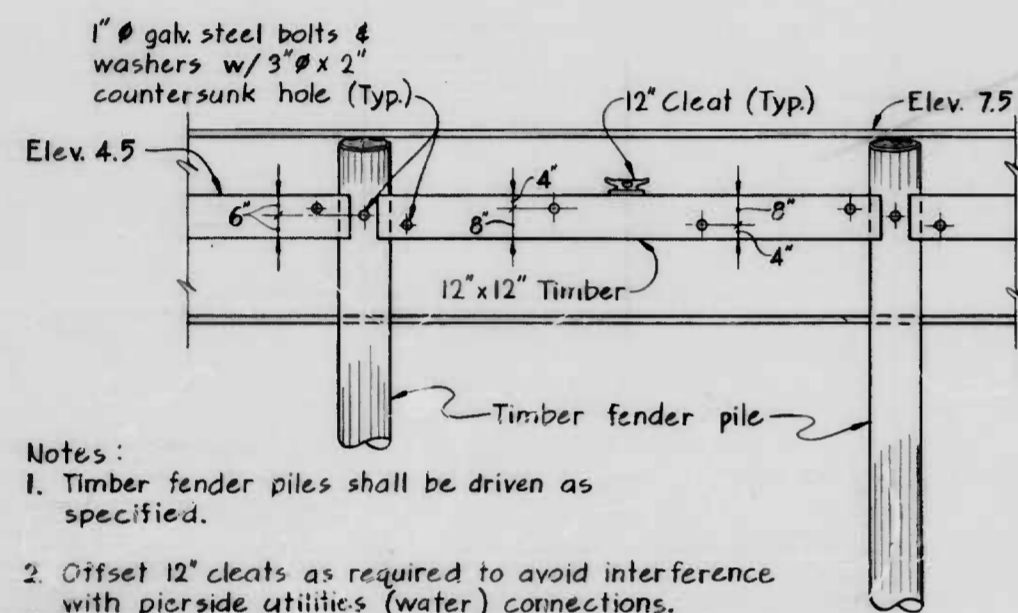
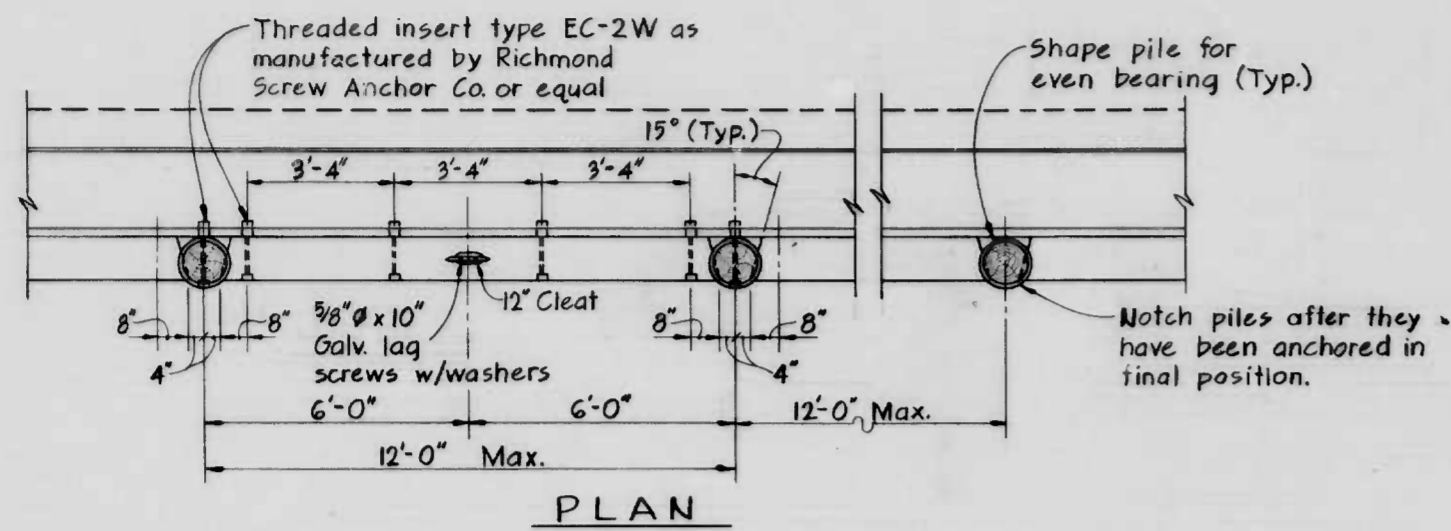
WHITMAN, REQUARDT AND ASSOCIATES
ENGINEERS
BALTIMORE MARYLAND

CITY OF BALTIMORE
DEPARTMENT OF PUBLIC WORKS
BUREAU OF HIGHWAYS
CONTRACT NO. 3007
PIERS 5 AND 6 - DREDGE AND FILL
PRECAST DECKING DETAILS
SCALE: AS SHOWN DATE: OCT. 15, 1984
DRAWING: S6 SHEET 15 OF 17

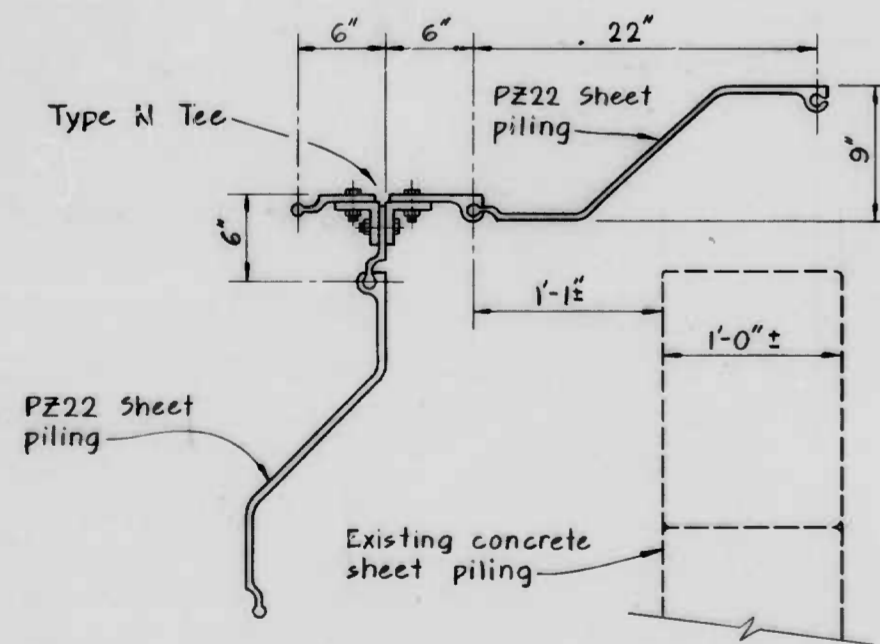
FILE REF.

FILE REF.

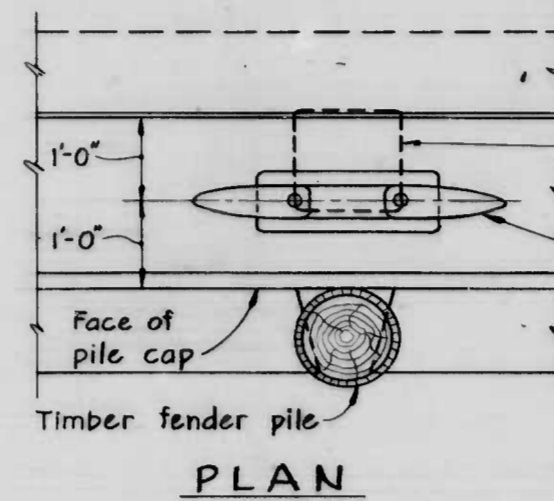
REVISIONS			
NO.	DESCRIPTION	DATE	BY
1	Addendum #1	10/25/84	



TYPICAL FENDER SYSTEM

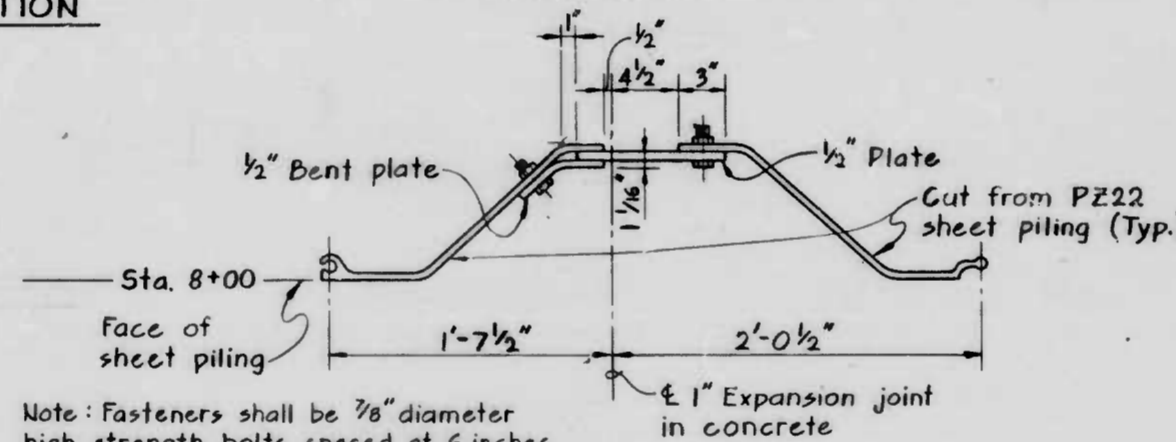


DETAIL 57A/S1, S2



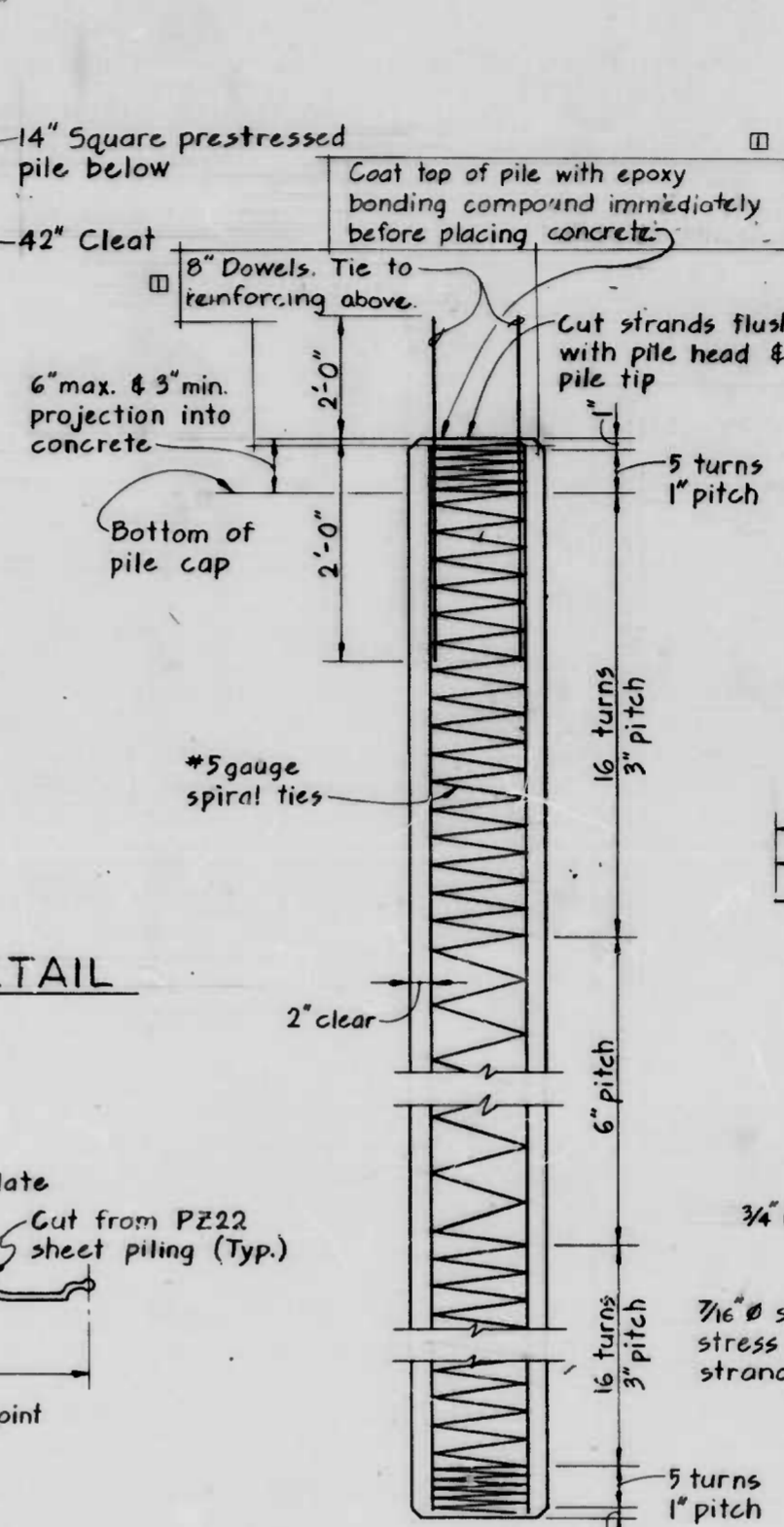
RELOCATED 42" CLEAT DETAIL

Scale: 3/4" = 1'-0"



TYPICAL SHEET PILE EXPANSION JOINT

Scale: 1 1/2" = 1'-0"



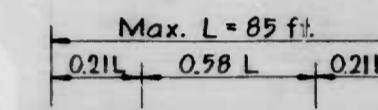
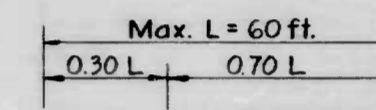
ELEVATION

PRESTRESSED CONCRETE PILE DETAILS

Scale: 1" = 1'-0"

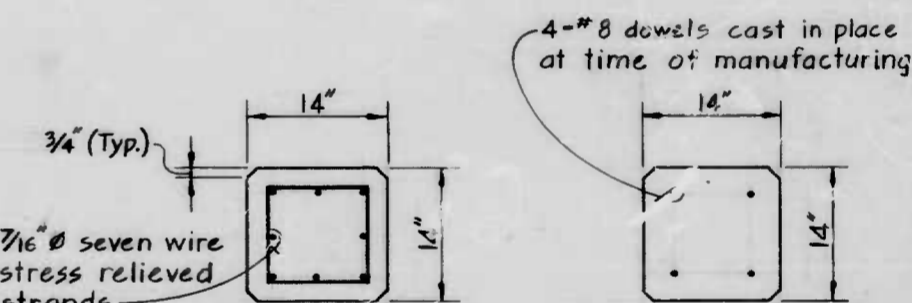
PRESTRESSED PILE NOTES

- Design Loads:
 - All piles shall have a capacity of 75 tons bearing plus a moment of 25 Kip-feet, or stresses due to handling, whichever is greater.
 - In addition, piles noted as tension piles should have a tension load capacity of 18 tons.
- A pile load test shall be performed at the location indicated on Dwg. S1 in accordance with ASTM D3689-83 in tension. The test load shall be twice the design load.
- Pile splices will not be permitted.
- Pile concrete shall have a minimum compressive strength of 5000 psi at 28 days. Dowels shall conform to ASTM A615-82, Grade 60.
- All pick up points shall be plainly marked on all piles after removal of the forms and all lifting shall be done at these points, unless otherwise directed by the Engineer. The Engineer reserves the right to shorten the maximum pick up lengths shown.



PILE PICK-UP DATA

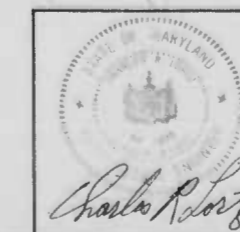
Not to Scale



TYPICAL SECTION

TOP PLAN

DRAWN BY CSN/CEB
EXAMINED BY [Signature]



WHITMAN, REQUARDT AND ASSOCIATES
ENGINEERS
BALTIMORE MARYLAND

CITY OF BALTIMORE
DEPARTMENT OF PUBLIC WORKS
BUREAU OF HIGHWAYS

CONTRACT NO. 3007

PIERS 5 AND 6 - DREDGE AND FILL

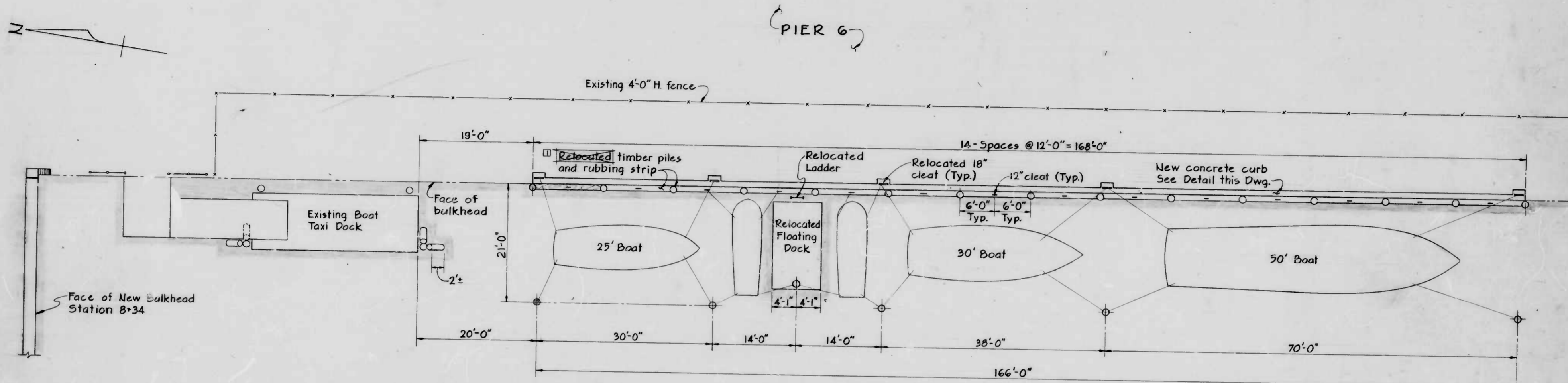
TYPICAL DETAILS

SCALE AS SHOWN DATE OCT 15, 1984
DRAWING: S7 SHEET 16 OF 17

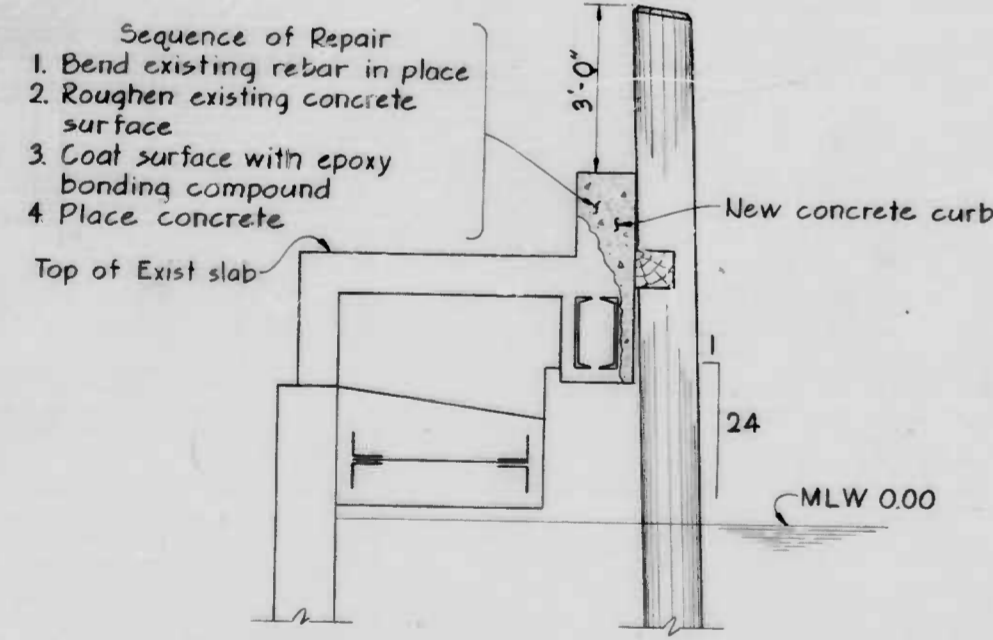
FILE REF.

FILE REF.

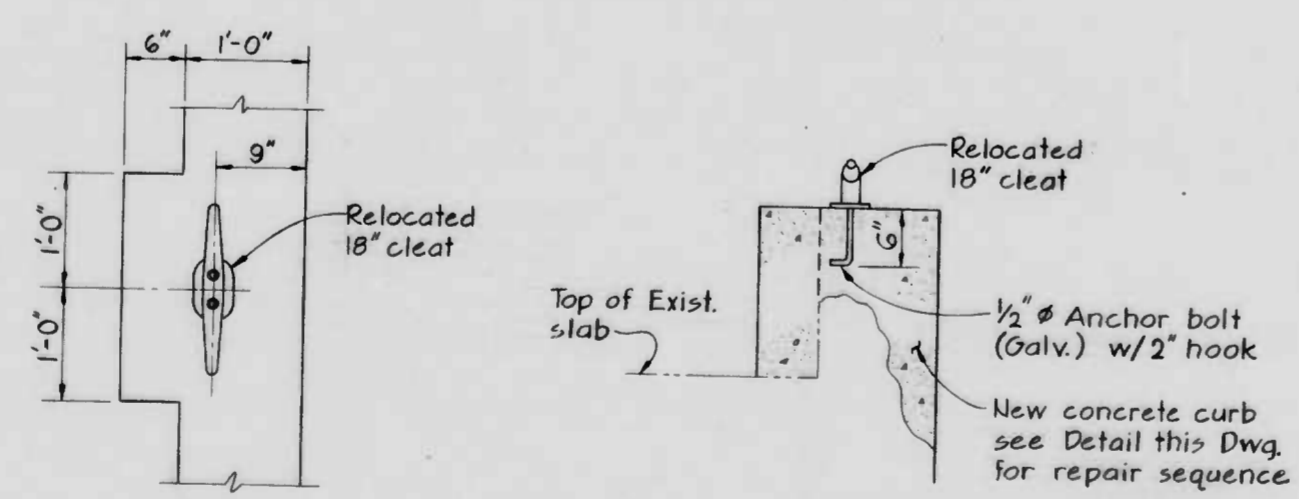
REVISIONS			
NO.	DESCRIPTION	DATE	BY
1	Adendum #1	10/17/84	



POLICE DEPARTMENT MOORING FACILITY
Scale: 1/8" = 1'-0"



CURBING DETAIL
Scale: 1/2" = 1'-0"



RELOCATED 18" CLEAT
Scale: 1" = 1'-0"

LEGEND
Existing water surface

DRAWN BY C-W/ACB
EXAMINED BY JLB
W.O. 80162

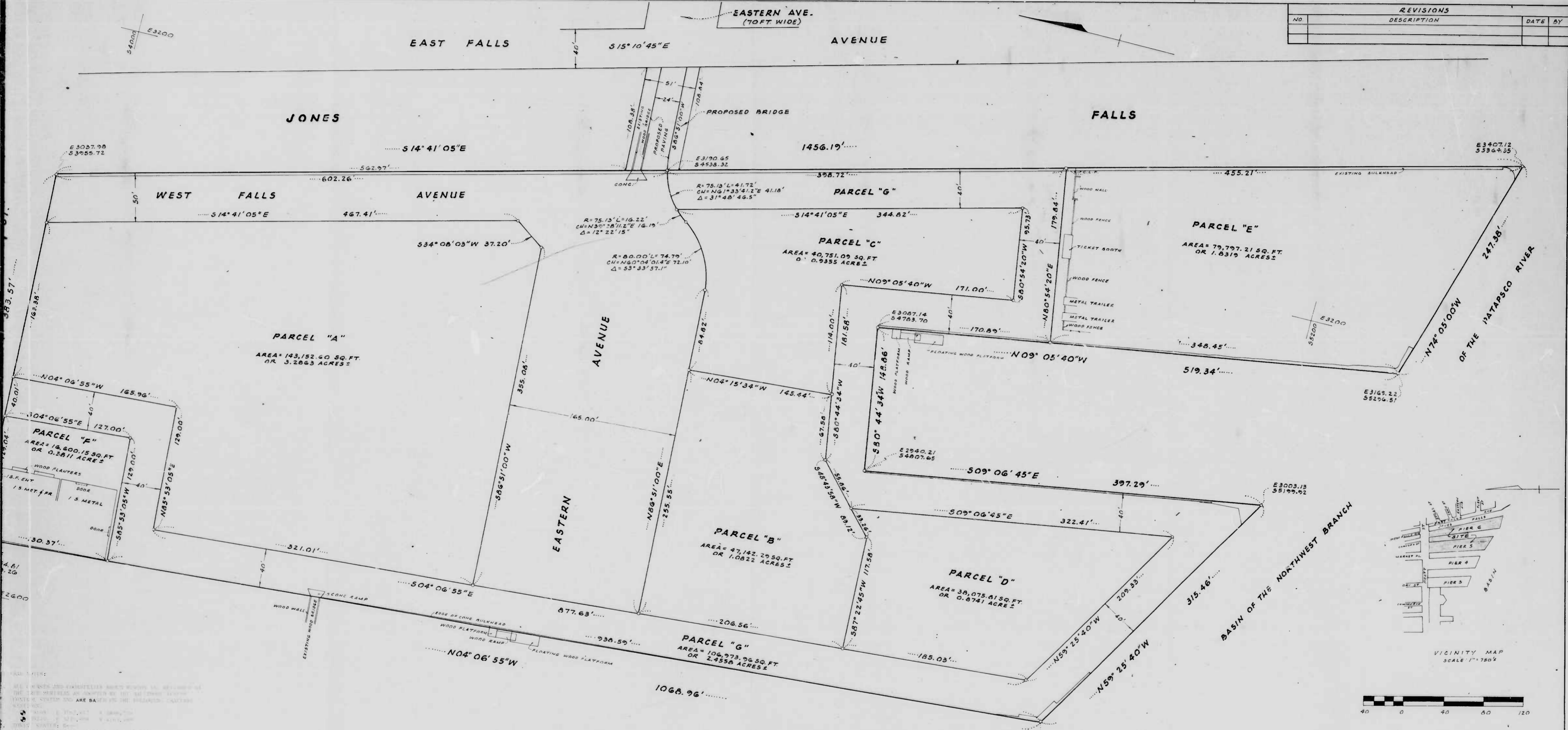
WHITMAN, REQUARDT AND ASSOCIATES
ENGINEERS
BALTIMORE MARYLAND

CITY OF BALTIMORE
DEPARTMENT OF PUBLIC WORKS
BUREAU OF HIGHWAYS
CONTRACT NO. 3007
PIERS 5 AND 6 - DREDGE AND FILL
**POLICE DEPARTMENT
MOORING FACILITY**
SCALE: AS SHOWN DATE: OCT 15, 1984
DRAWING: S8 SHEET 17 OF 17

FILE REF.

FILE REF.

REVISIONS		
NO.	DESCRIPTION	DATE BY



ALL CURVES AND UNDEVELOPED AREAS SHOWN ON THIS PLAN ARE THE PROPERTY OF THE CITY OF BALTIMORE AND ARE NOT TO BE CONSIDERED AS PART OF THIS SUBDIVISION. THE CITY OF BALTIMORE IS NOT RESPONSIBLE FOR THE ACCURACY OF THE INFORMATION CONTAINED HEREIN.

OWNER'S CERTIFICATE

THE UNDERSIGNED OWNER OF THE LAND SHOWN ON THIS PLAN HEREBY CERTIFIES THAT TO THE BEST OF HIS OR HER KNOWLEDGE THE REQUIREMENTS OF SECTION 3-108 OF THE REAL PROPERTY ARTICLE OF THE ANNOTATED CODE OF MARYLAND AND ANY AND ALL AMENDMENTS THEREOF, HAVE BEEN COMPLIED WITH INsofar AS THE SAME CONCERN THE MAKING OF THE PLAN AND THE SETTING OF THE MARKERS.

Marion W. Pines
 MARION W. PINES, NEIGHBORHOOD PROGRESS ADMIN./D.H.C.D. DATE 5/7/85

SURVEYOR'S CERTIFICATE

THE UNDERSIGNED, A REGISTERED SURVEYOR OF THE STATE OF MARYLAND, DOES HEREBY CERTIFY THAT THE LAND SHOWN HEREON HAS BEEN LAID OUT, AND THE PLAN THEREOF PREPARED IN COMPLIANCE WITH SECTION 3-108 OF THE REAL PROPERTY ARTICLE OF THE ANNOTATED CODE OF MARYLAND, AND ANY AND ALL AMENDMENTS THEREOF, AS ENACTED PERTAINING TO THE PREPARATION OF RECORDS PLATS.

Joseph F. Mellock, Jr.
 JOSEPH F. MELOCK, JR., REGISTERED SURVEYOR DATE 5/7/85

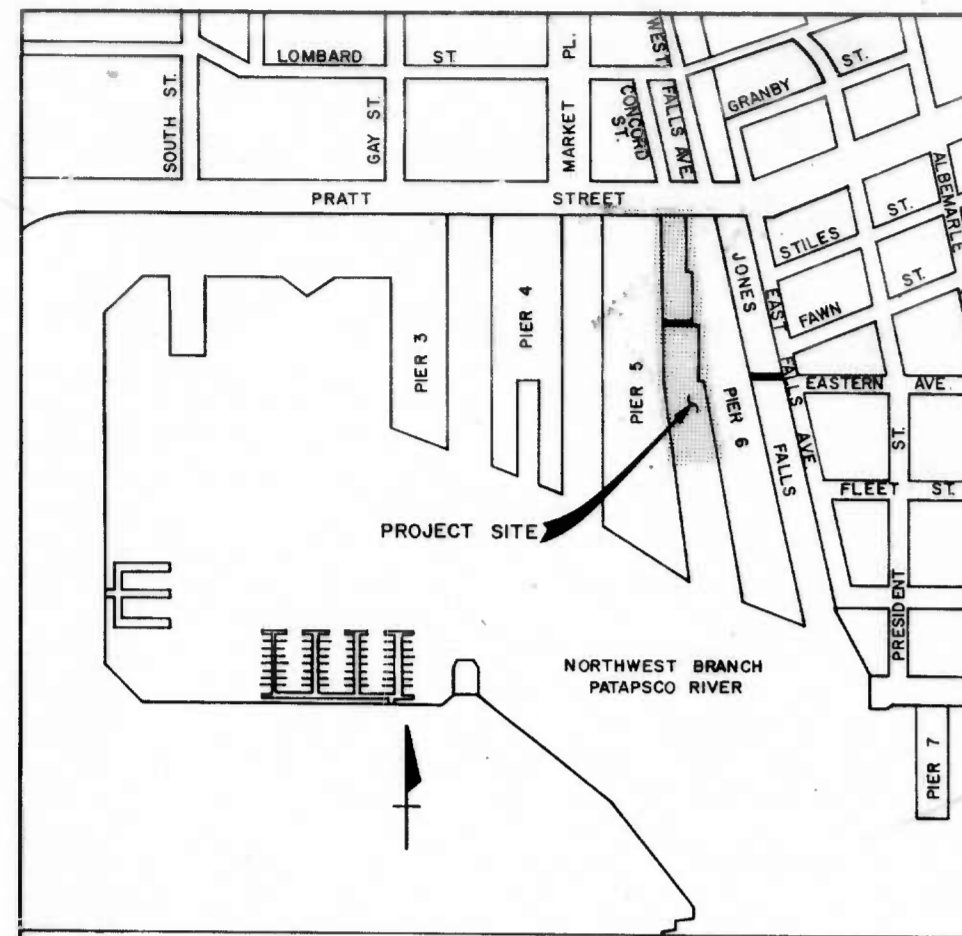
Joseph W. Light
 BUREAU OF CONSTRUCTION MGMT. DIRECTOR OF PUBLIC WORKS

CITY OF BALTIMORE
 DEPARTMENT OF PUBLIC WORKS
 BUREAU OF CONSTRUCTION MANAGEMENT

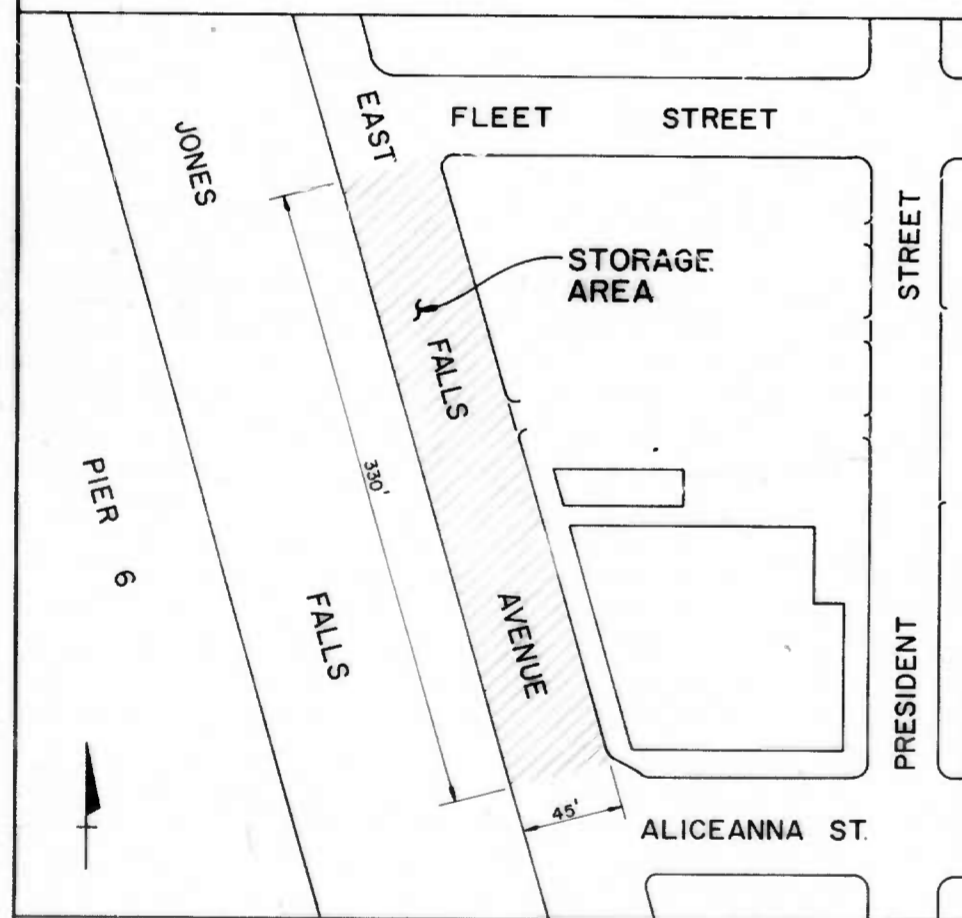
FINAL SUBDIVISION
PIERS 5 AND 6

SCALE: 1"=40' DATE: MAY 7, 1985
 SURVEYS & RECORDS DIV. SHEET 1 OF 1

FILE REF. 114-A-13B



LOCATION PLAN
SCALE IN FEET
0 200 400 600 800



STORAGE AREA
SCALE IN FEET
0 50 100

CITY OF BALTIMORE
DEPARTMENT OF PUBLIC WORKS
BUREAU OF HIGHWAYS



CONTRACT NO. 3007

PIERS 5 AND 6 -
DREDGE AND FILL

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SHEET NO.	DWG. NO.	
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CIVIL		
2	C1	DEMOLITION PLAN
3r	C2	DEMOLITION AND REMOVAL DETAILS
4	C3	SOUNDING PLAN
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6r	C5	GRADING PLAN
7	C6	UTILITY PLAN
8r	C7	UTILITY PLAN
9r	C8	STORM DRAIN PROFILES
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10r	S1	NEW BULKHEAD PLAN
11r	S2	PART PLANS AND SECTIONS
12r	S3	NEW BULKHEAD SECTIONS
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14r	S5	PILE CAPS AND BEAMS - SECTIONS AND DETAILS
15r	S6	PRECAST DECKING DETAILS
16r	S7	TYPICAL DETAILS
17r	S8	POLICE DEPARTMENT MOORING FACILITY

FIELD BOOK #6752 TOPOGRAPHY AND CONTROLS

DEPARTMENT OF PUBLIC WORKS

BUREAU OF HIGHWAYS

APPROVED *Raymond A. Hanel*
CHIEF, HIGHWAY ENGINEERING DIVISION

APPROVED *Fredrick M. Mace*
CHIEF, ENVIRONMENTAL SERVICES DIVISION

BUREAU OF WATER AND WASTE WATER

APPROVED *Jay S. Hooper*
HEAD, BUREAU OF WATER AND WASTE WATER

APPROVED *Samuel R. Kretschmer*
CHIEF, WATER ENGINEERING DIVISION

APPROVED *Michael G. Kelly*
CHIEF, WASTE WATER ENGINEERING DIVISION

BUREAU OF CONSTRUCTION MANAGEMENT

APPROVED *Robert J. ...*
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APPROVED *Paul M. ...*
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APPROVED

Thomas W. Heubler
DIRECTOR OF PUBLIC WORKS

APPROVED

Thomas P. ...
HEAD, BUREAU OF HIGHWAYS

WHITMAN, REQUARDT & ASSOCIATES
ENGINEERS
2315 ST. PAUL STREET
BALTIMORE, MARYLAND

October 15, 1984
DATE

Charles R. ...

B OF H REVIEW	R / W RELEASE	GRADE EST	HIGHWAY DESIGN	STRUCTURAL	DRAINAGE	LIGHTING	CONDUIT
DATE	10/10/84		10/3/84	10/11/84	10/11/84	10-11-84	10-10-84

William C. ...
RIGHT OF WAYS
Fredrick M. Mace
SEDIMENT CONTROL REPRESENTATIVE

