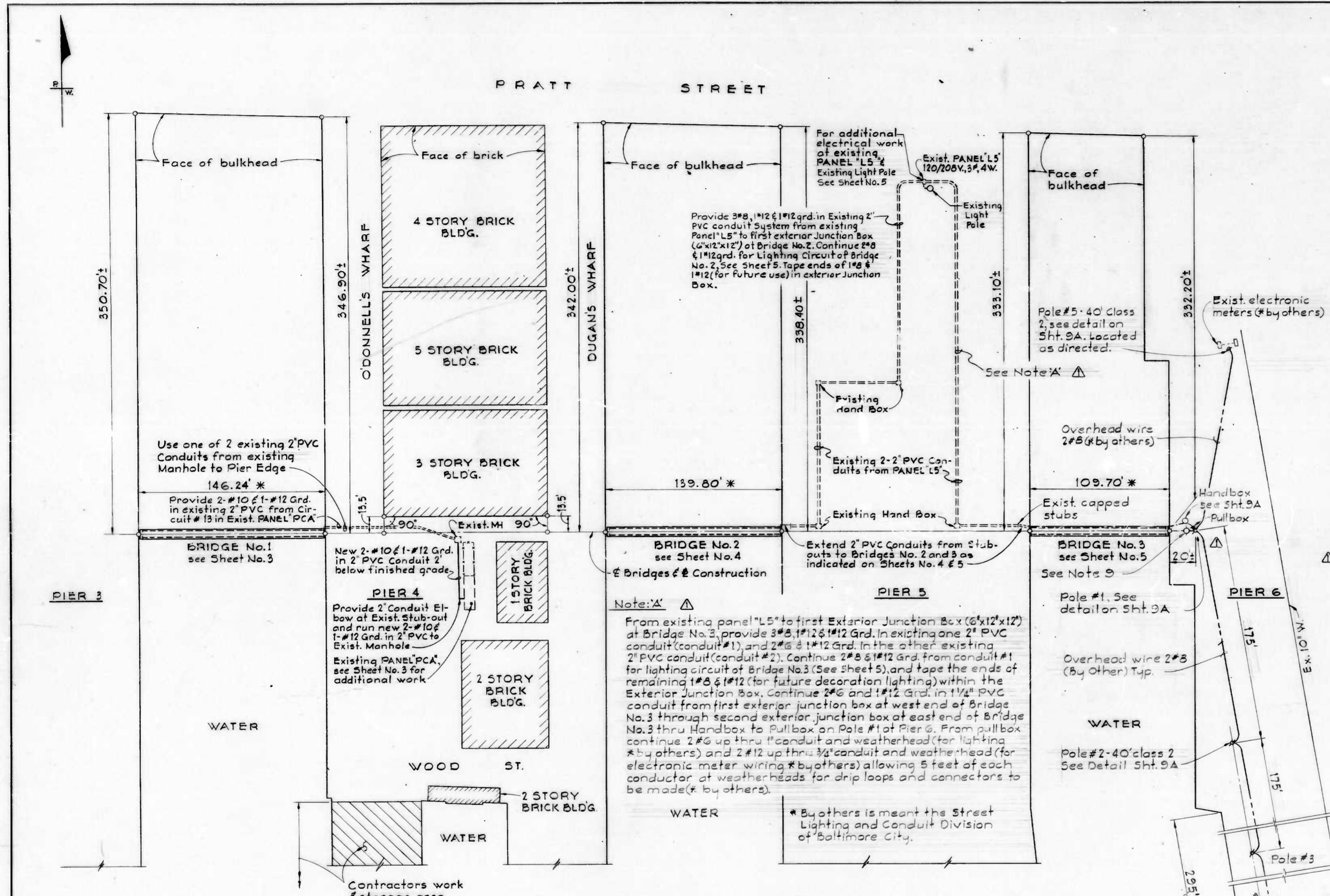


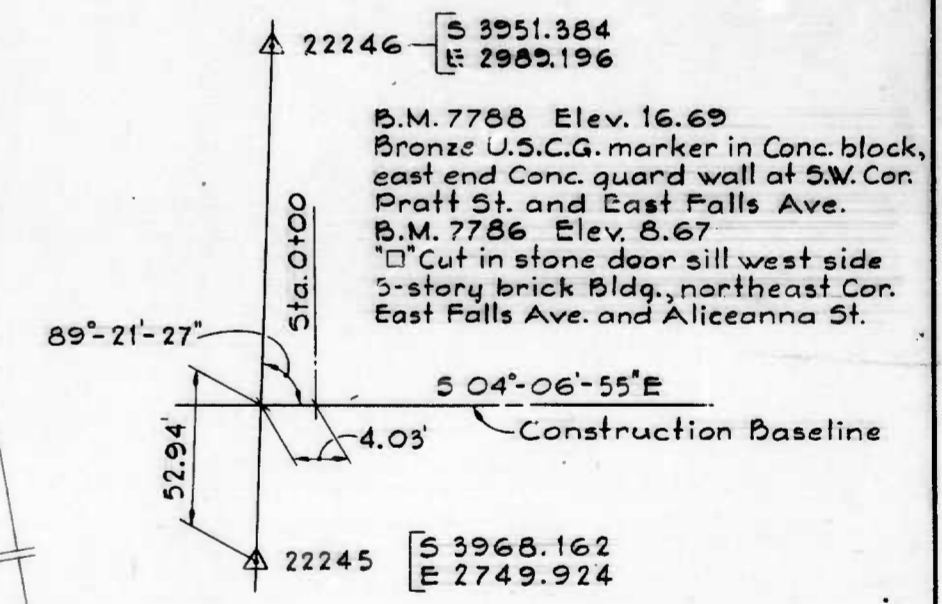
FILE REF

REVISIONS			
NO.	DESCRIPTION	DATE	BY
1	Added Light Poles & Conduits On Pier 6		



GENERAL NOTES:

- Piers 3, 4 and 5 are currently in use for parking, public access and various other activities. The Contractor must limit his work to the immediate vicinity of the bridge proper. No storage of equipment or materials will be allowed except in the area designated for the Contractor's use. This area is the west finger of Pier 4 south of Wood Street.
- Areas disturbed by this work shall be restored to a condition equal to that which existed prior to beginning work.
- The elevations shown on these drawings are all referred to Mean Low Tide as adopted by the Baltimore Survey Control System. Vertical control shall be from bench marks 7788 and 7786.
- Borings within the area of this project were taken in 1973. Copies of these with their plan location are bound in the specifications.
- The Contractor shall establish the centerline of bridge and baseline of construction from corners of the existing buildings as shown.
- Dimensions marked thus (146.24*) are to be verified by the Contractor before beginning fabrication.
- The edges of the existing piers are in various stages of deterioration. The Contractor is cautioned that he uses the piers at his own risk.
- All lighting fixtures Type 'A' shall be field adjusted and aimed in the field as directed by the Engineer.
- Luminaire, bracket arm and overhead wiring, provided by others.



PLAN
SCALE: 1" = 40'

- NOTES:**
- Existing topography, elevations and utilities are based on "PLAT SHOWING THE PHYSICAL OUTLINE TOPOGRAPHY AND UTILITIES OF PIER 5 LOCATED ON THE SOUTH SIDE OF PRATT STREET" dated October 27, 1977, prepared by the City of Baltimore, Department of Public Works, Bureau of Engineering, Surveys and Records Division.
 - The Contractor shall protect all existing Baltimore City Topographic Traverse Points and Bench Marks until the Construction Baseline and Construction Bench Marks are established and referenced by the Contractor.

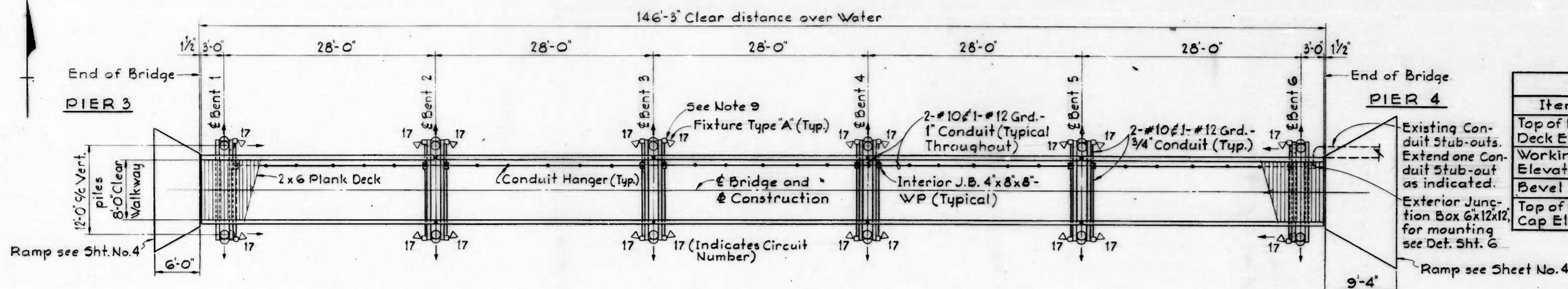
DRAWN BY: *J.P. Moran*
EXAMINED BY: *C. R. [Signature]*

WHITMAN, REQUART & ASSOCIATES
ENGINEERS
BALTIMORE, MARYLAND
BY: *Charles J. [Signature]*

CITY OF BALTIMORE
DEPARTMENT OF PUBLIC WORKS
BUREAU OF ENGINEERING
CONTRACT NO. 2594
PEDESTRIAN BRIDGES
INNER HARBOR EAST
ELECTRICAL PLAN &
CONSTRUCTION STAKEOUT
SCALE: AS SHOWN
DATE: DEC. 13, 1979
SHEET 2 OF 9

FILE REF.

REVISIONS			
NO.	DESCRIPTION	DATE	BY

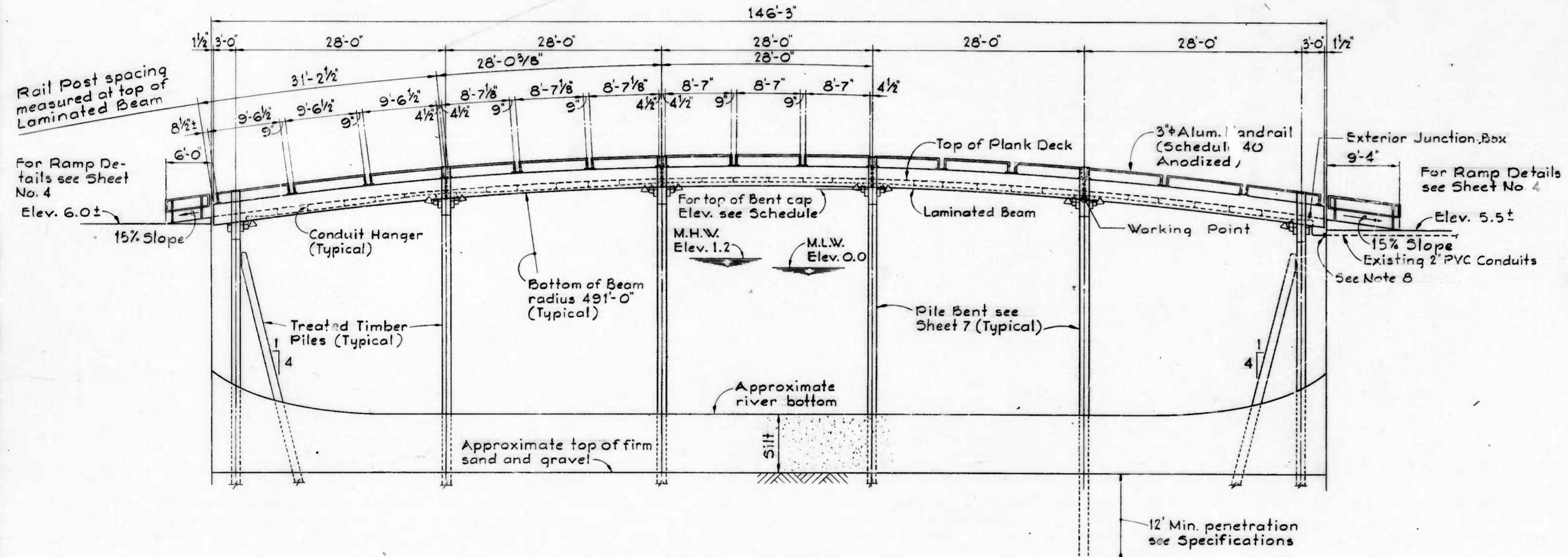


PLAN
SCALE: 1/8" = 1'-0"

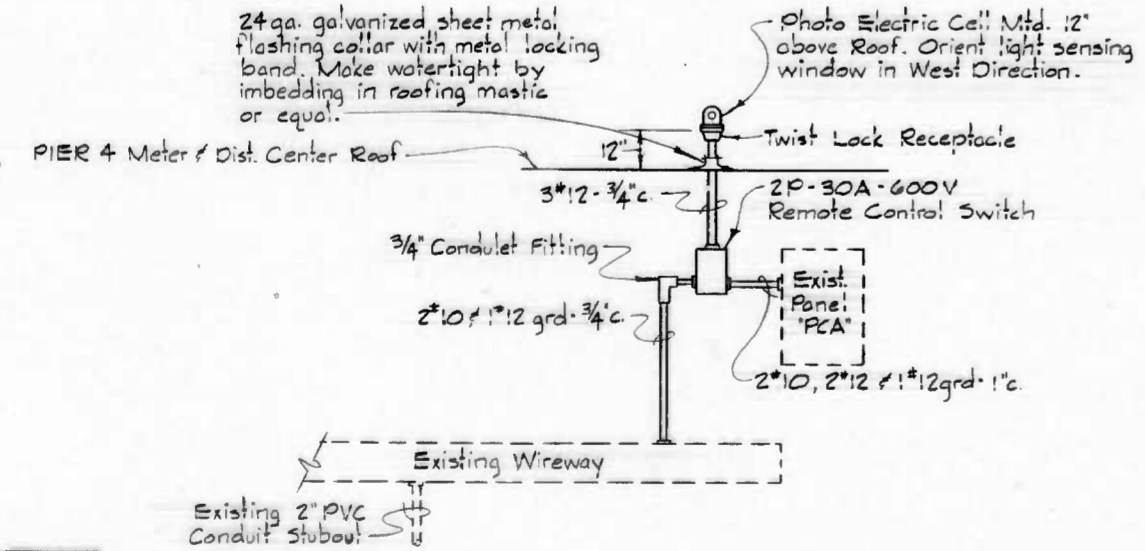
Item	Ends of Bridge	Bent 1	Bent 2	Bent 3	Structure
Top of Plank Deck Elev.	6.90	7.35	10.55	12.15	12.35
Working Pt. Elevation	—	6.20	9.40	11.00	11.20
Bevel	1 1/2:12	1 3/32:12	1:12	1 1/32:12	0
Top of Bent Cap Elev.	—	5.93	9.19	10.85	—

BRIDGE NOTES:
(TYPICAL ALL BRIDGES)

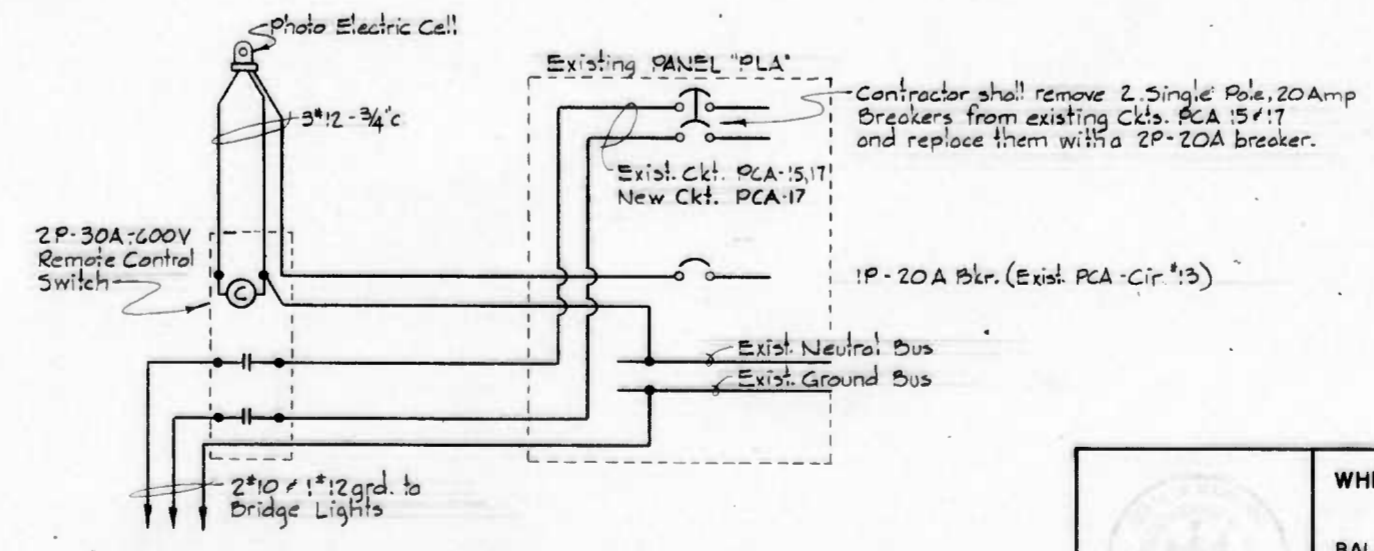
- Design Live Load = 85 p.s.f.
- The general conditions and elevation of the existing pier edges at the bridge ends are shown on Sheets 3, 4 and 5. The Contractor shall familiarize himself with the exact conditions by visiting the project site.
- Washers shall be provided at head and nut end of bolts. For superstructure connections use standard washers and for substructure connections use New York Dock Washers.
- All ferrous metal hardware, except stainless steel, shall be hot-dipped galvanized.
- All timber shall be treated as specified.
- All bolts holes shall be drilled prior to treatment except for those holes specifically noted to be field drilled (F.D.). All field drilled holes, field cut timber and cut piles shall be brush coated with preservative treatment as specified. Bolt holes shall be treated by means of an approved pressure bolt hole treater.
- Holes for lag bolts shall be pre-drilled.
- Contractor shall locate existing 2" PVC conduits and extend one 2" conduit to new exterior junction box as indicated.
- For Typical Electrical Details, see Sheets 6 and 7.
- For typical framing, cross sections and superstructure details, see sheets 6 and 7.



ELEVATION
SCALE: 1/8" = 1'-0"



PARTIAL ELEVATION - PIER 4 - EXIST. METER / DIST. CENTER
No Scale



BRIDGE NO. 1 LIGHTING ONE LINE DIAGRAM
No Scale

DRAWN BY: J. J. McLaughlin
EXAMINED BY: C. B. Kelly

WHITMAN, REQUARDT & ASSOCIATES
ENGINEERS
BALTIMORE, MARYLAND

CITY OF BALTIMORE
DEPARTMENT OF PUBLIC WORKS
BUREAU OF ENGINEERING

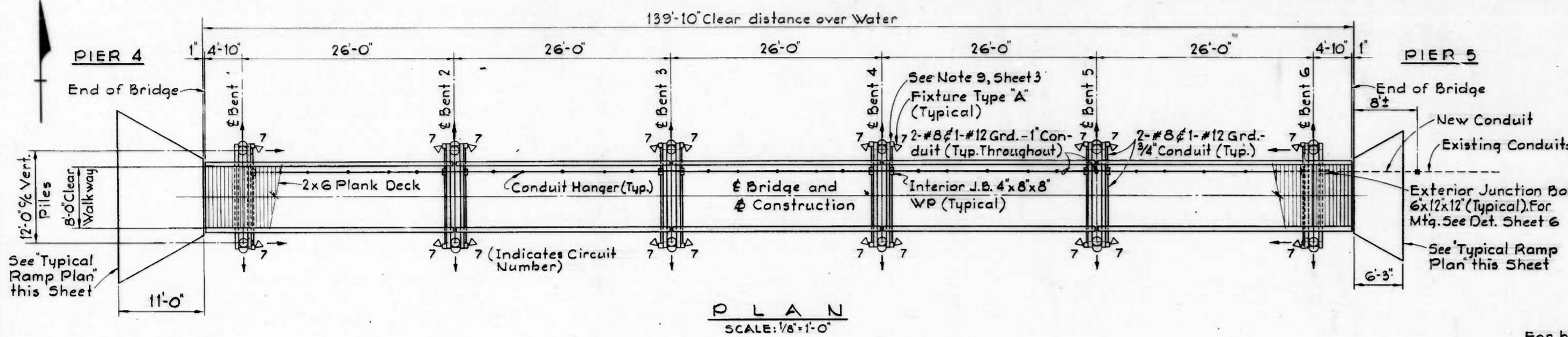
CONTRACT NO. 2594

PEDESTRIAN BRIDGES
INNER HARBOR EAST
BRIDGE NO. 1
PLAN AND ELEVATION

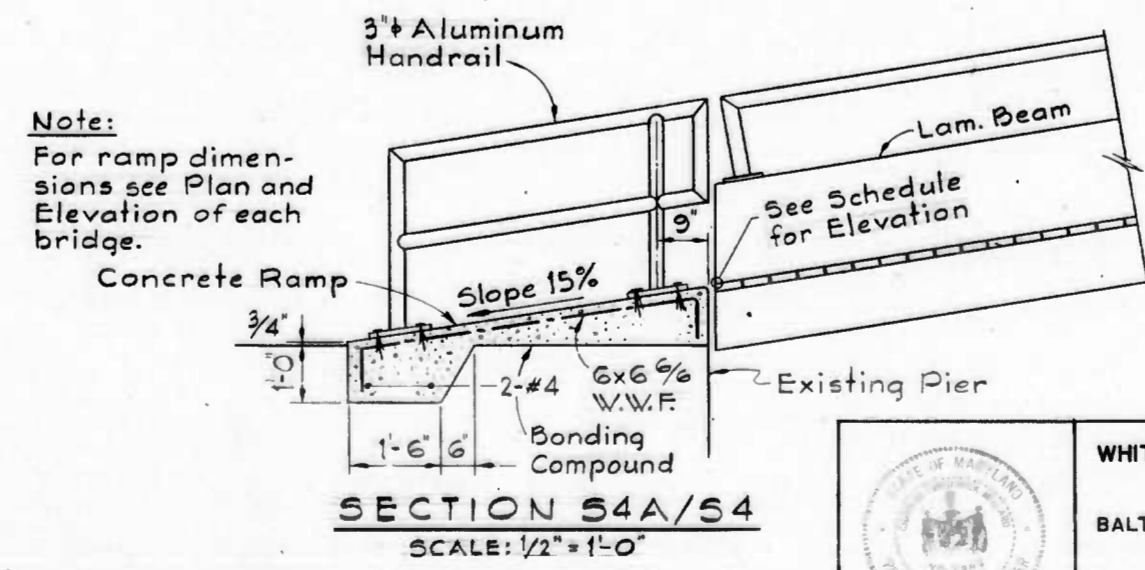
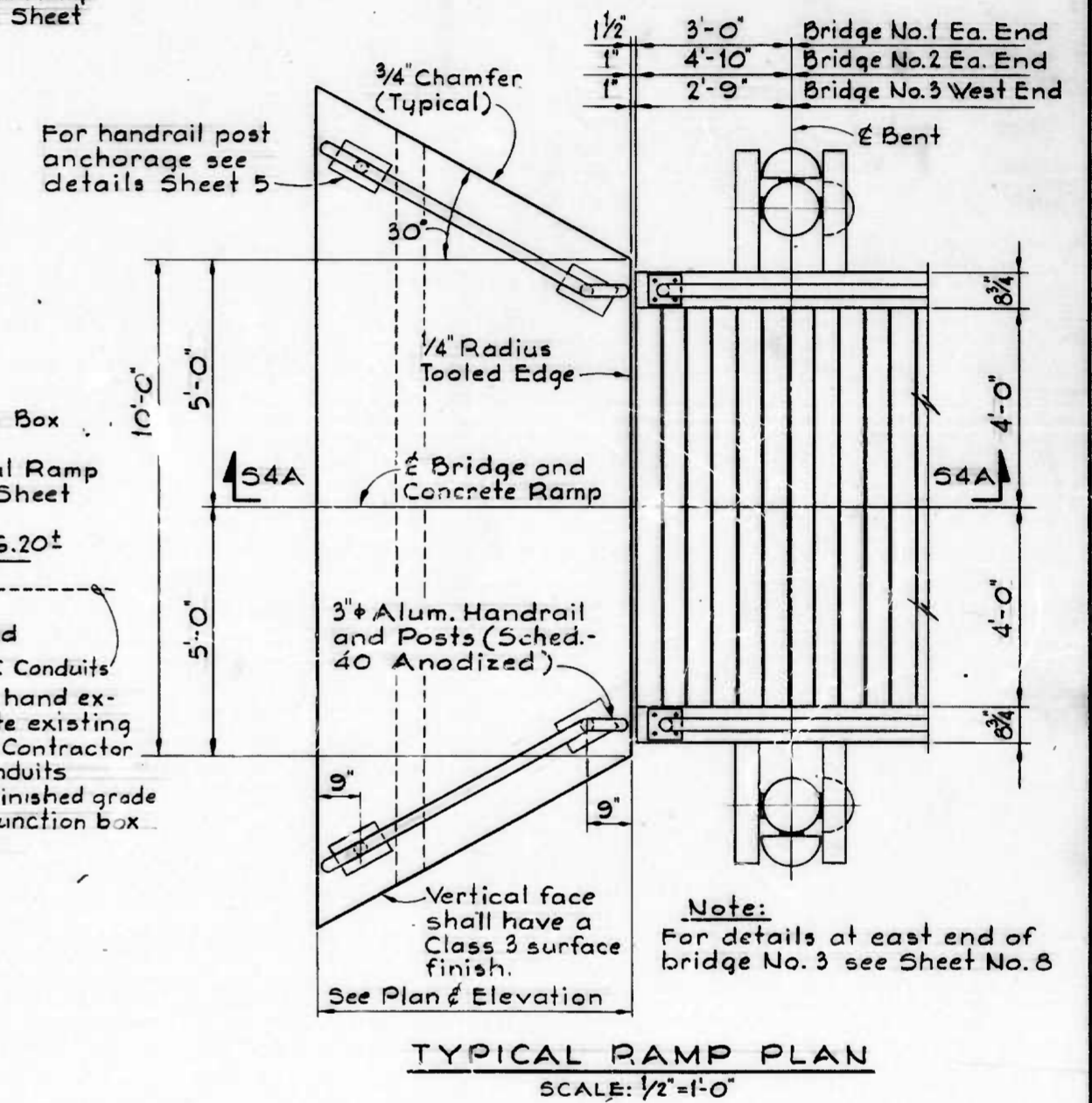
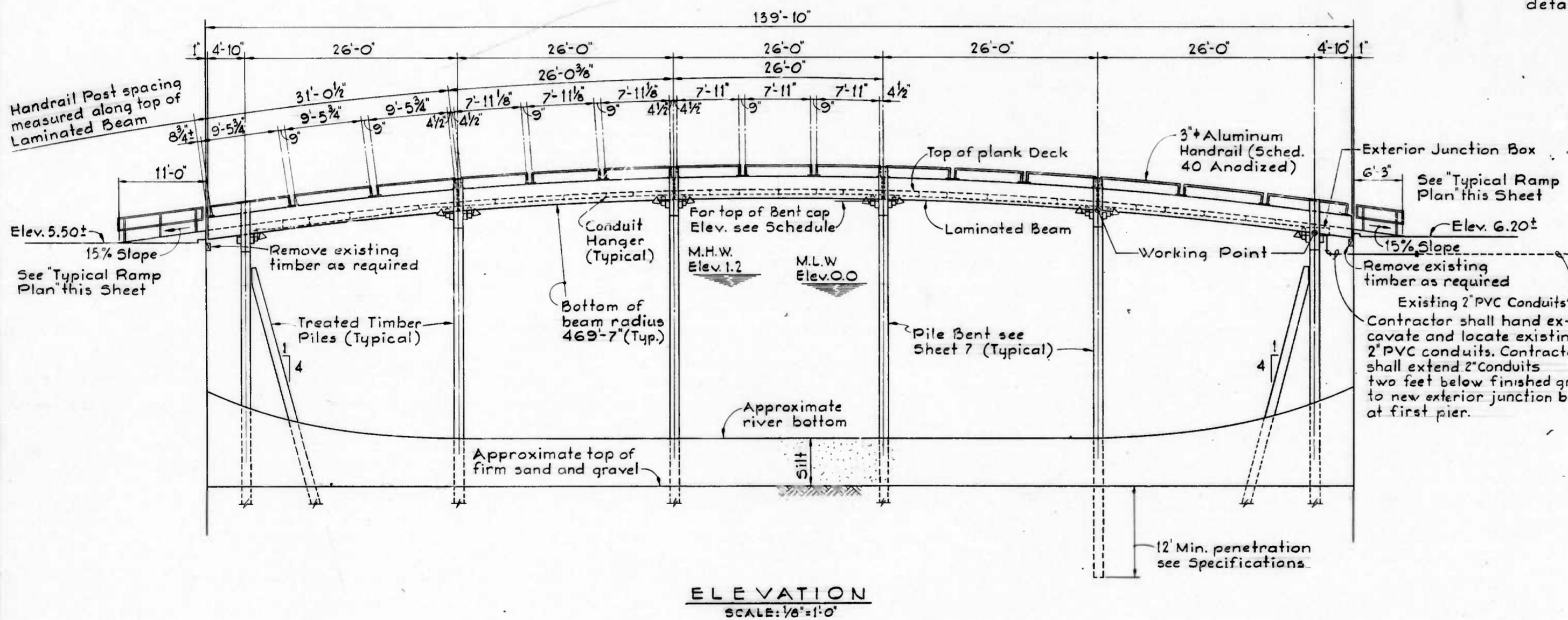
SCALE: AS SHOWN
DATE: DEC. 13, 1979
SHEET 3 OF 9

FILE REF

REVISIONS			
NO.	DESCRIPTION	DATE	BY



GEOMETRIC SCHEDULE BRIDGE NO. 2					
Item	Ends of Bridge	EBent 1&6	EBent 2&5	EBent 3&4	E Structures
Top of Plank Deck Elev.	7.14	7.84	10.73	12.17	12.35
Working Pt. Elevation	—	6.69	9.58	11.02	11.20
Bevel	1 13/16": 12"	1 1/16": 12"	1": 12"	1 1/32": 12"	0
Top of Bent Cap Elev.	—	6.43	9.37	10.87	—



DRAWN BY: *J. L. Schmitt*
EXAMINED BY: *C. P. Hart*

W.O. 7471-2



WHITMAN, REARDON & ASSOCIATES
ENGINEERS
BALTIMORE, MARYLAND
BY: *Charles F. Quilley*

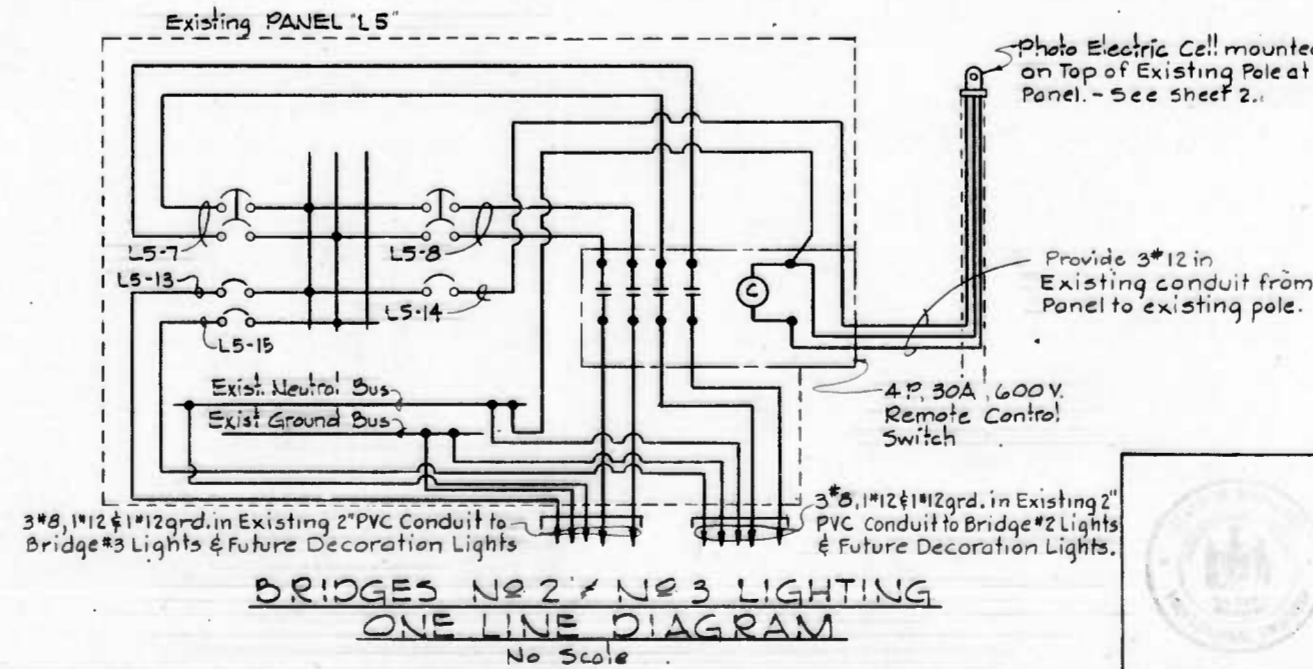
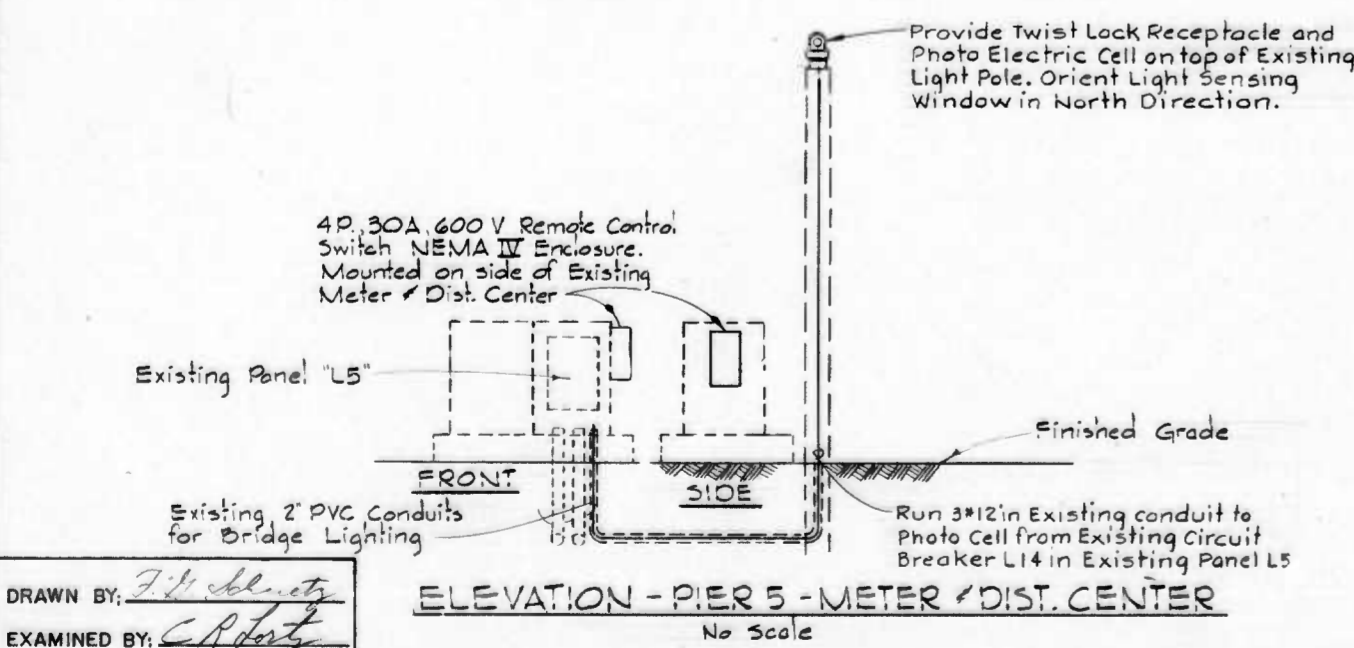
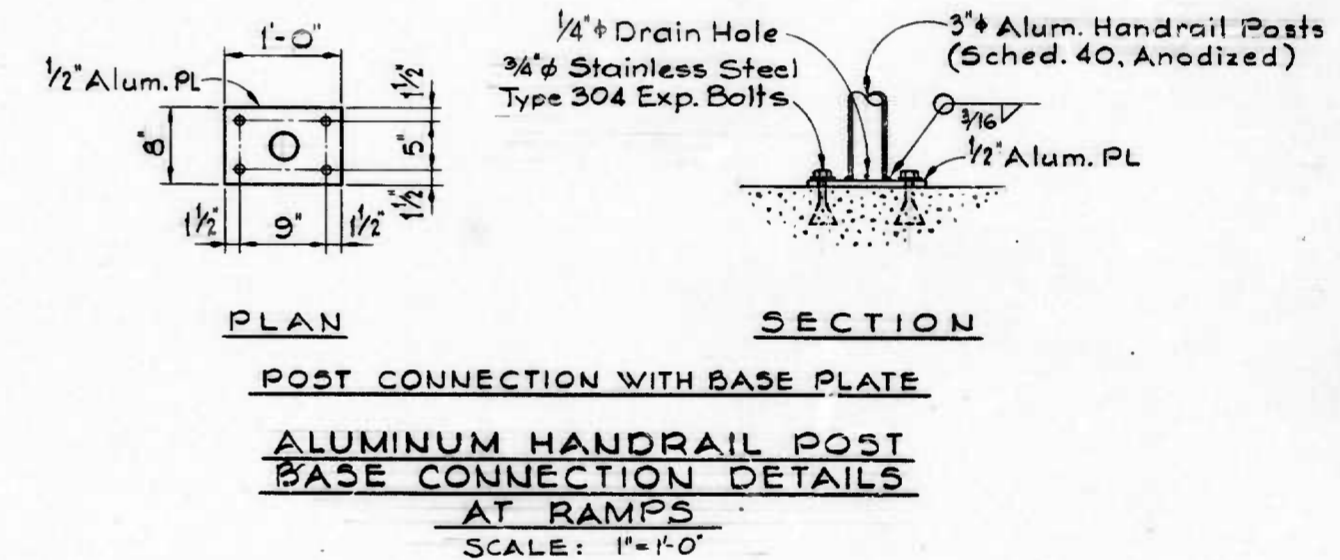
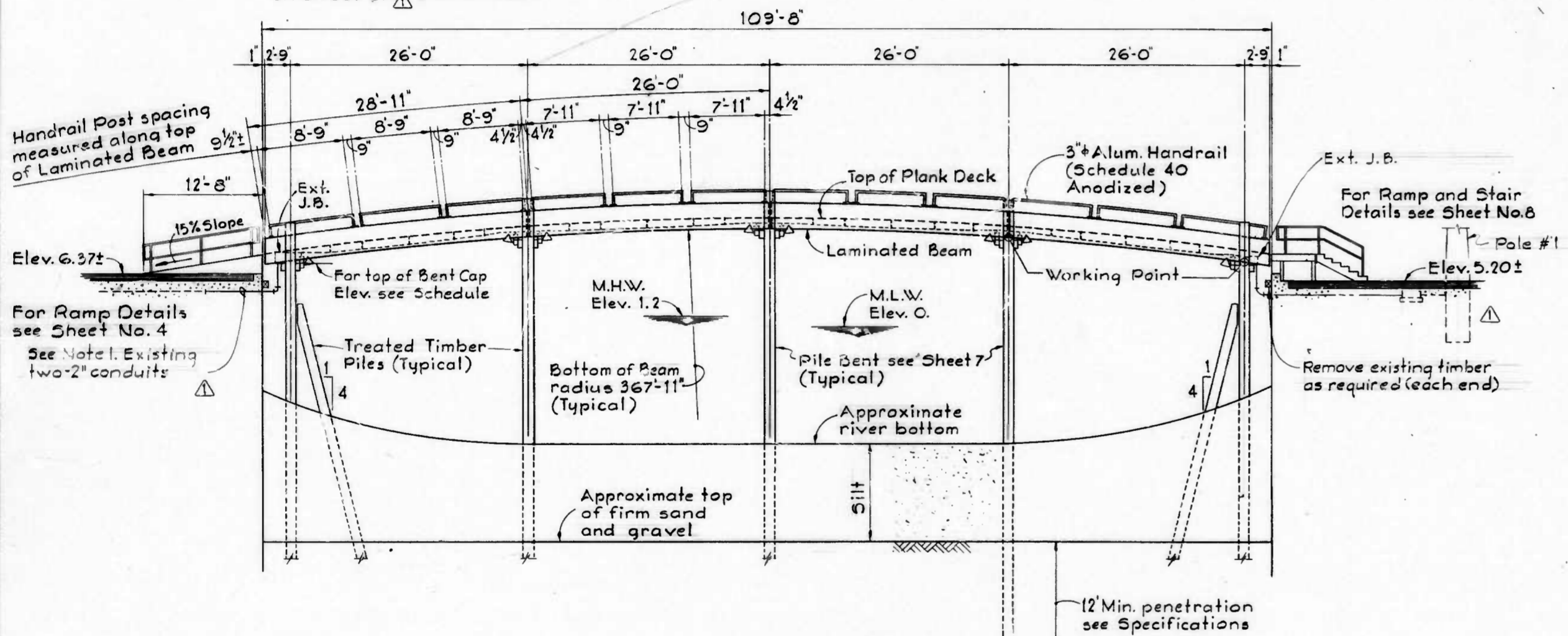
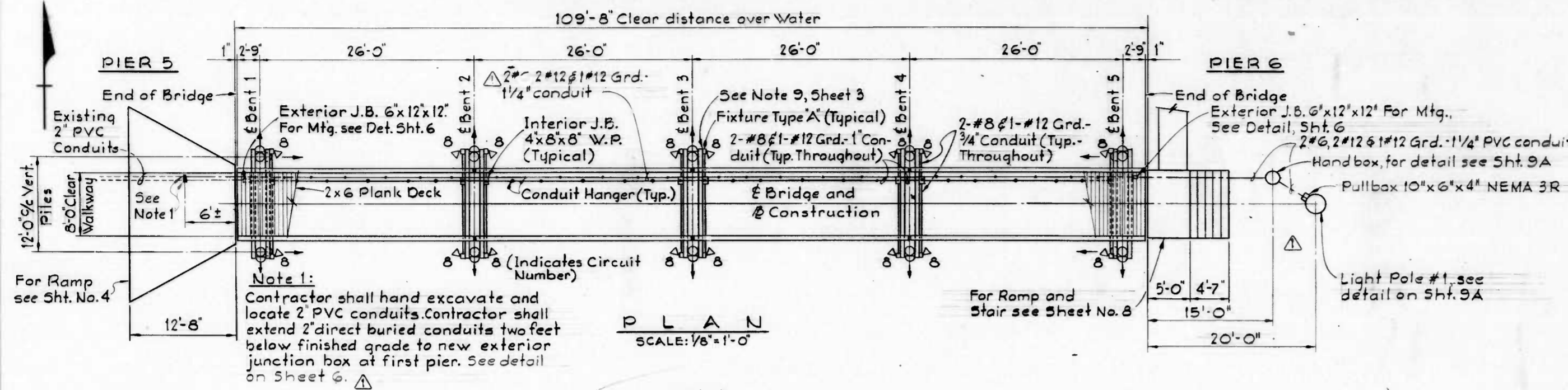
CITY OF BALTIMORE
DEPARTMENT OF PUBLIC WORKS
BUREAU OF ENGINEERING
CONTRACT NO. 2594
PEDESTRIAN BRIDGES
INNER HARBOR EAST
BRIDGE NO. 2
PLAN AND ELEVATION
SCALE: AS SHOWN
DATE: DEC. 13, 1979
SHEET 4 OF 9

FILE REF

FILE REF

REVISIONS			
NO.	DESCRIPTION	DATE	BY
1	Added Light Pole & Conduits		

GEOMETRIC SCHEDULE BRIDGE No. 3				
Item	Ends of Bridge	E Bent 1&5	E Bent 2&4	E Bent 3&6 Structure
Top of Plank Deck Elev.	8.27	8.67	11.43	12.35
Working Pt. Elevation		7.52	10.25	11.20
Bevel	1 13/16 : 12"	1 11/32 : 12"	27/32 : 12"	0
Top of Bent Cap Elev.		7.25	10.08	11.08

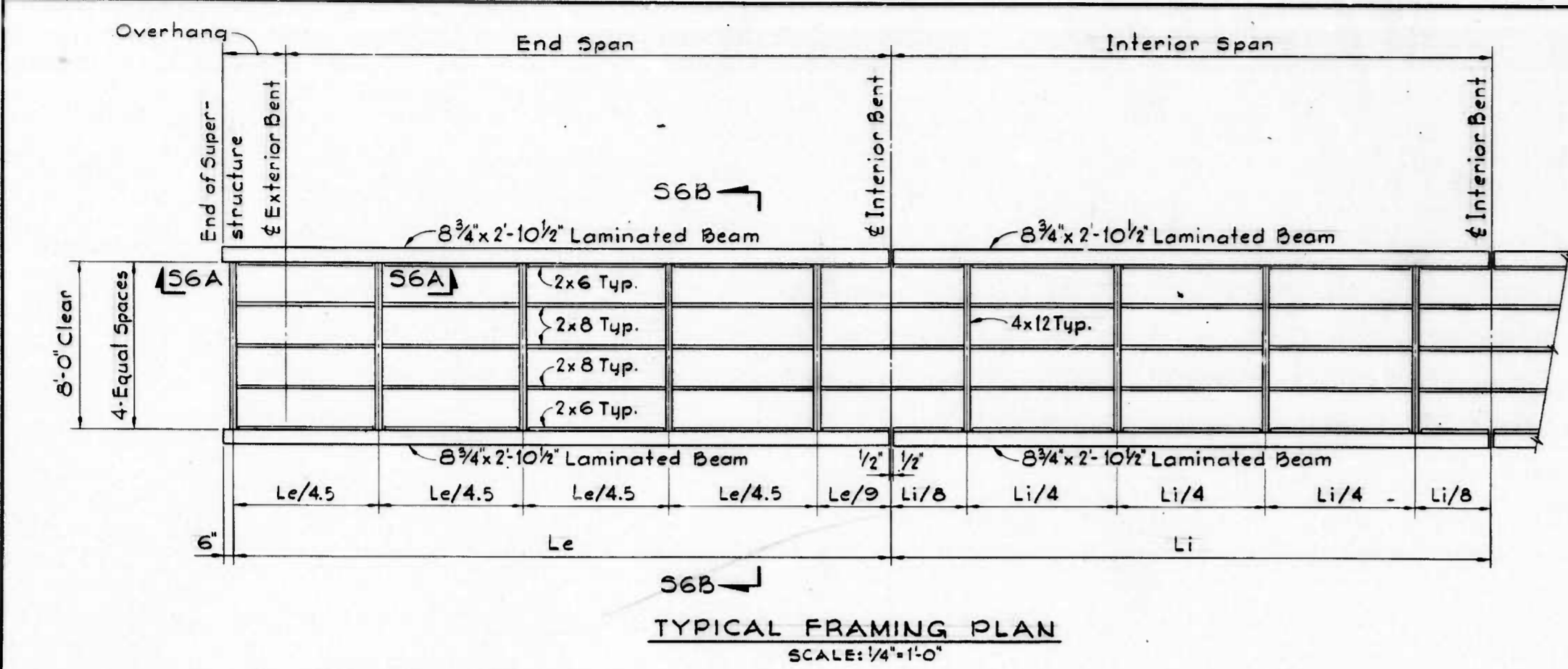


DRAWN BY: *[Signature]*
EXAMINED BY: *[Signature]*

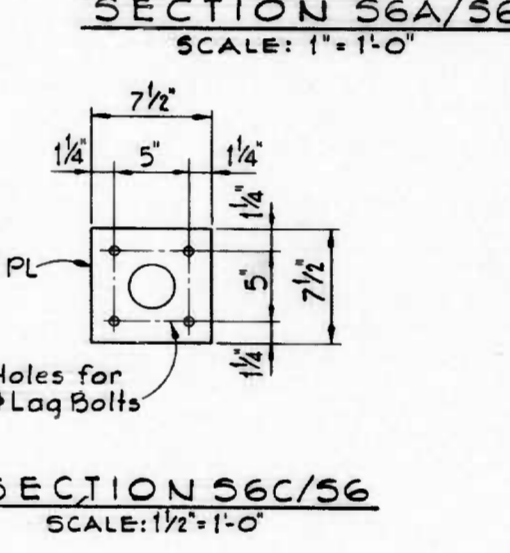
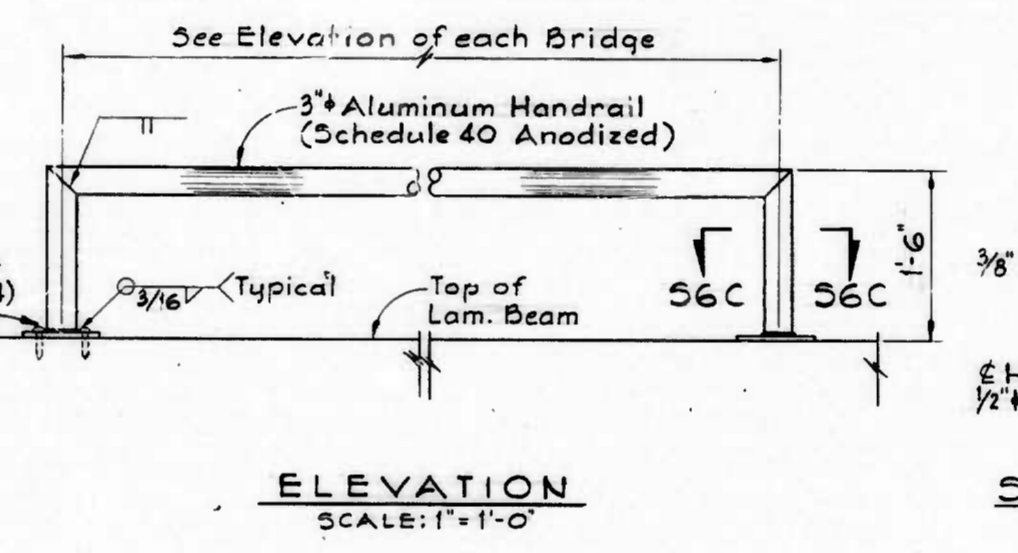
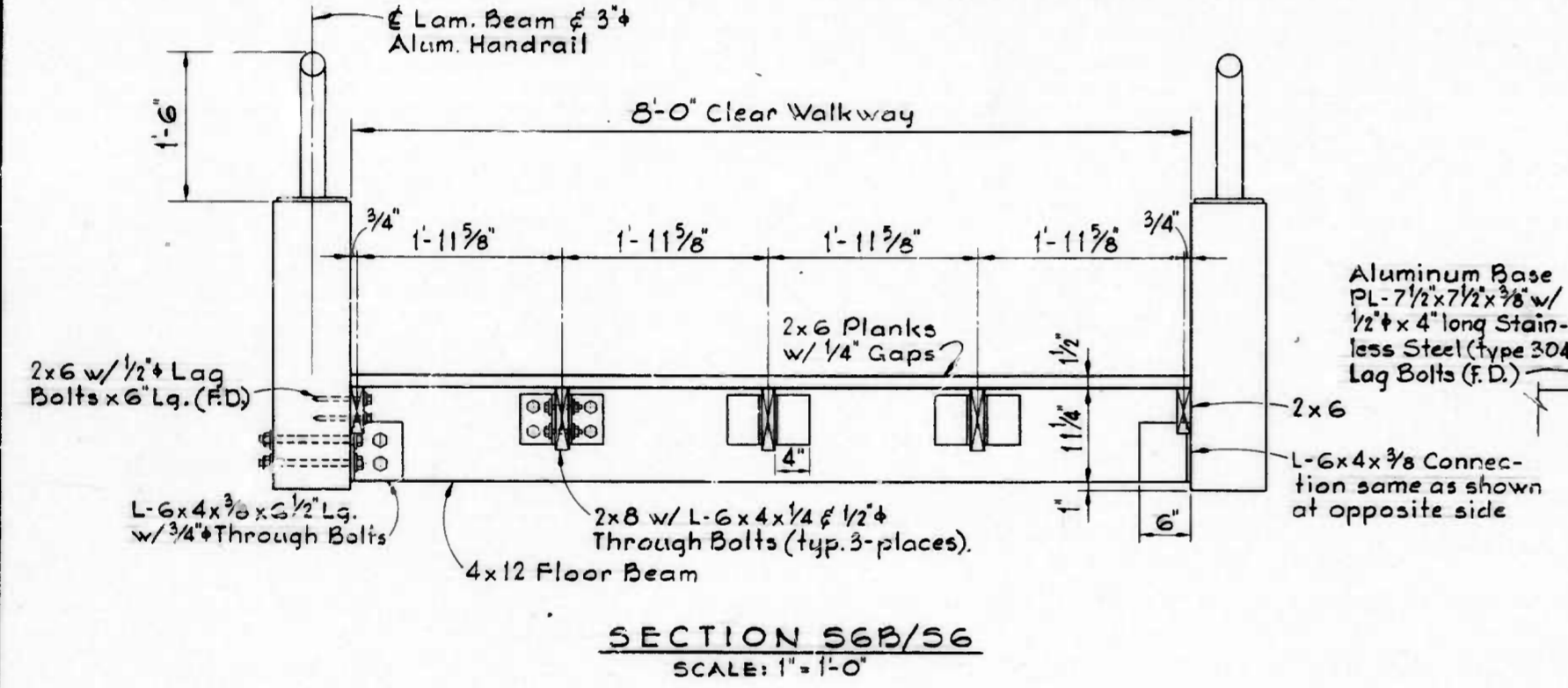
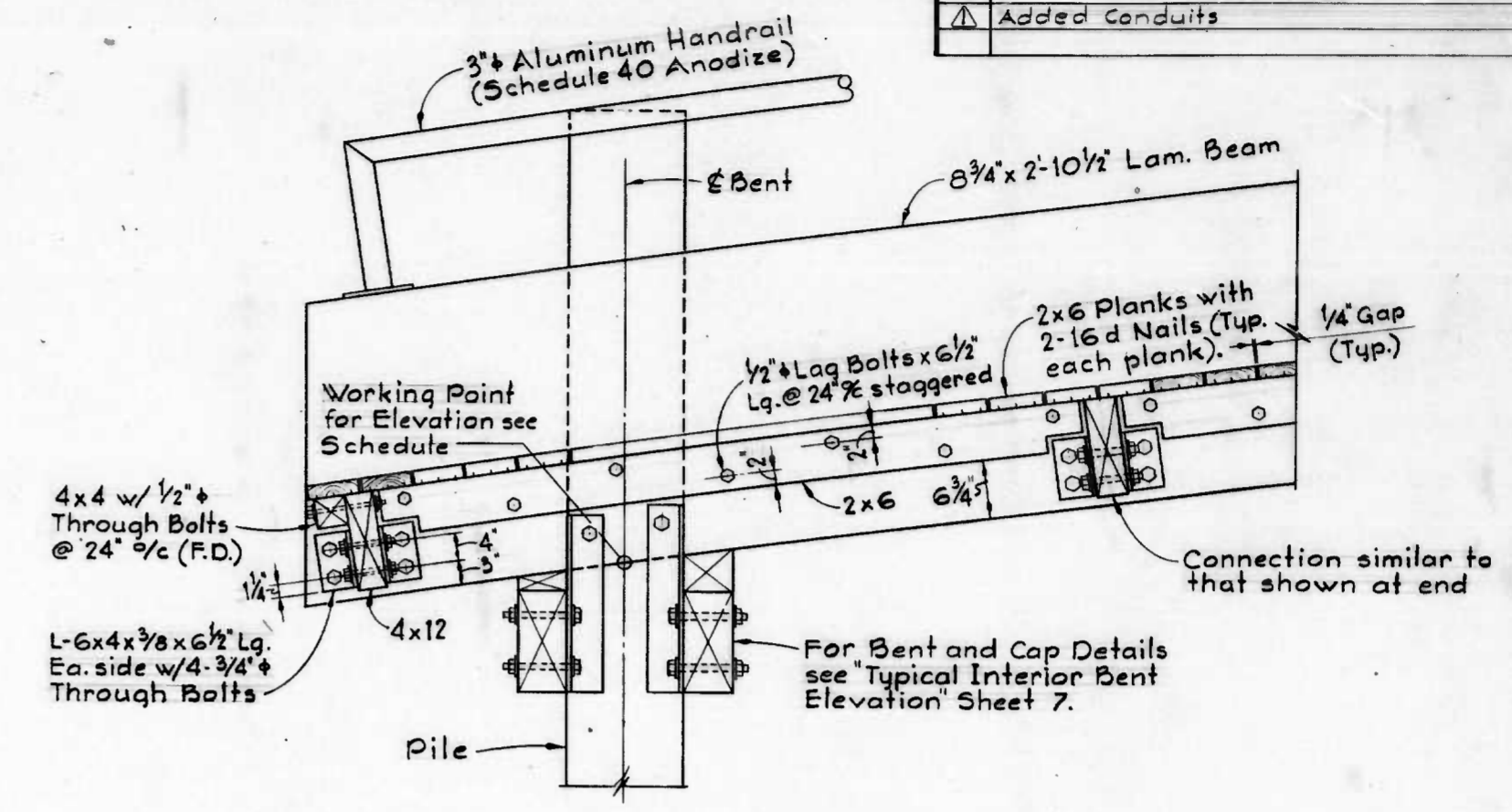
WHITMAN, REQUARDT & ASSOCIATES
ENGINEERS
BALTIMORE, MARYLAND
BY: *[Signature]*

CITY OF BALTIMORE
DEPARTMENT OF PUBLIC WORKS
BUREAU OF ENGINEERING
CONTRACT NO. 2594
PEDESTRIAN BRIDGES
INNER HARBOR EAST
BRIDGE NO. 3
PLAN AND ELEVATION
SCALE: AS SHOWN
DATE: DEC. 13, 1979
SHEET 5 OF 9

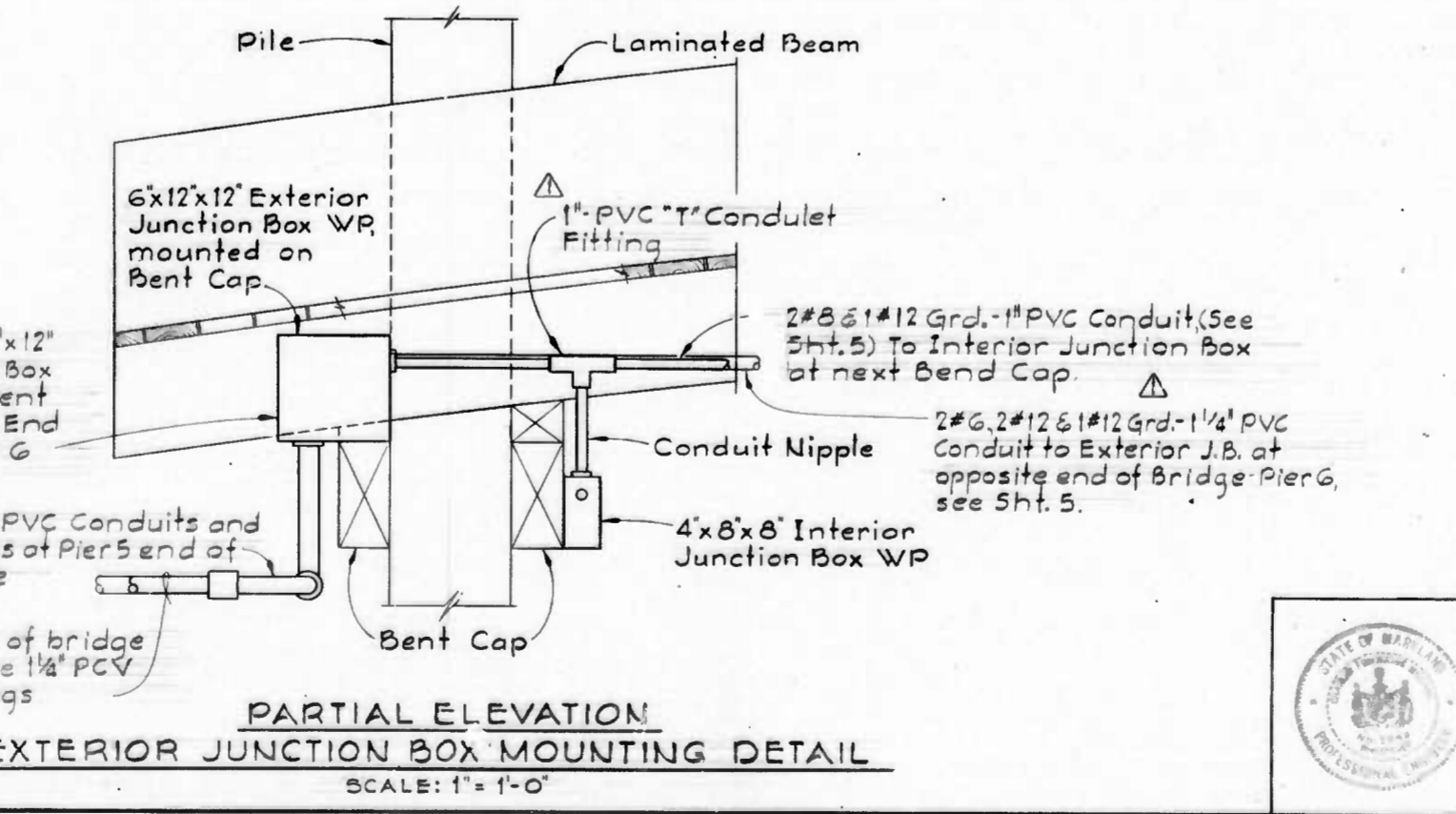
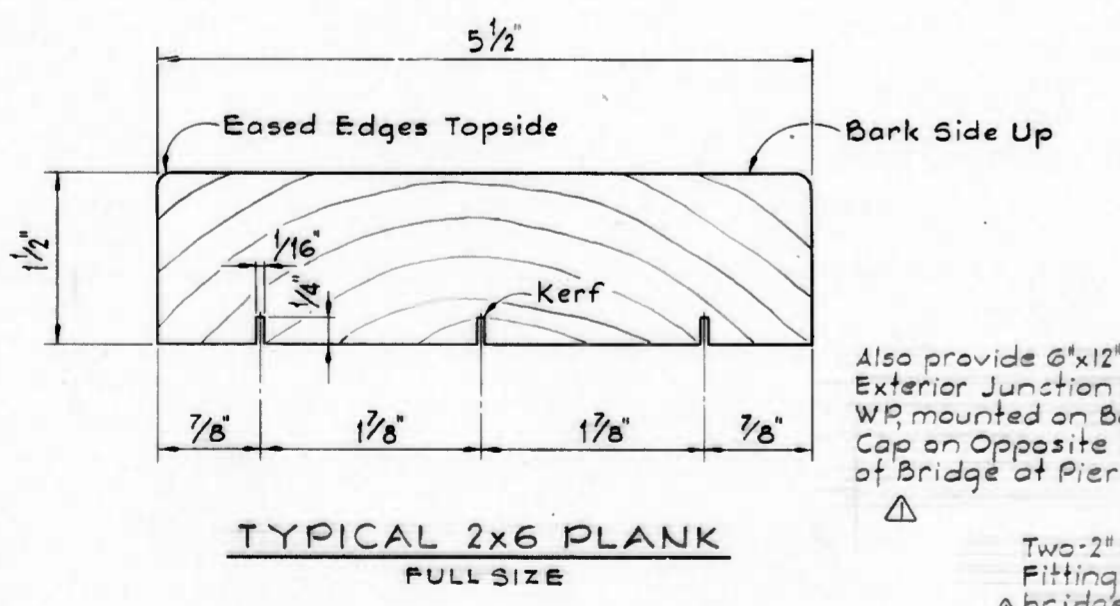
FILE REF.



REVISIONS			
NO.	DESCRIPTION	DATE	BY
1	Added Conduits		



BRIDGE RAILING DETAILS



DRAWN BY: J. D. Morgan
EXAMINED BY: C. A. [Signature]

W.O. 7471-2

WHITMAN, REQUARDT & ASSOCIATES
ENGINEERS
BALTIMORE, MARYLAND
By: Charles F. Dickland

CITY OF BALTIMORE
DEPARTMENT OF PUBLIC WORKS
BUREAU OF ENGINEERING

CONTRACT NO. 2594

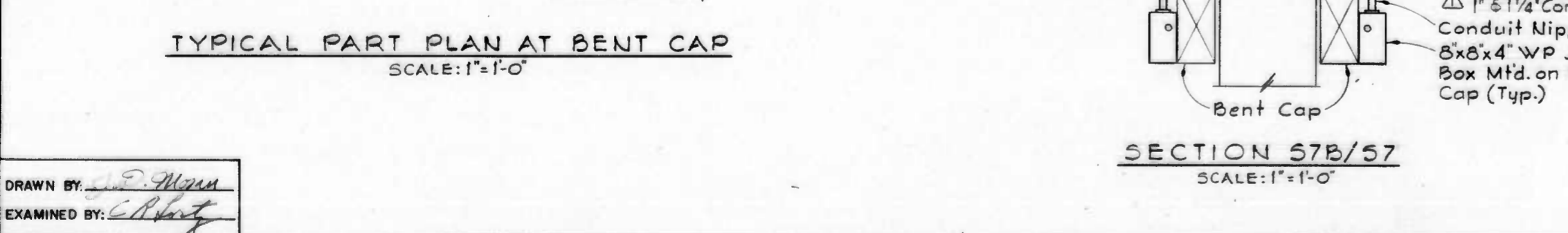
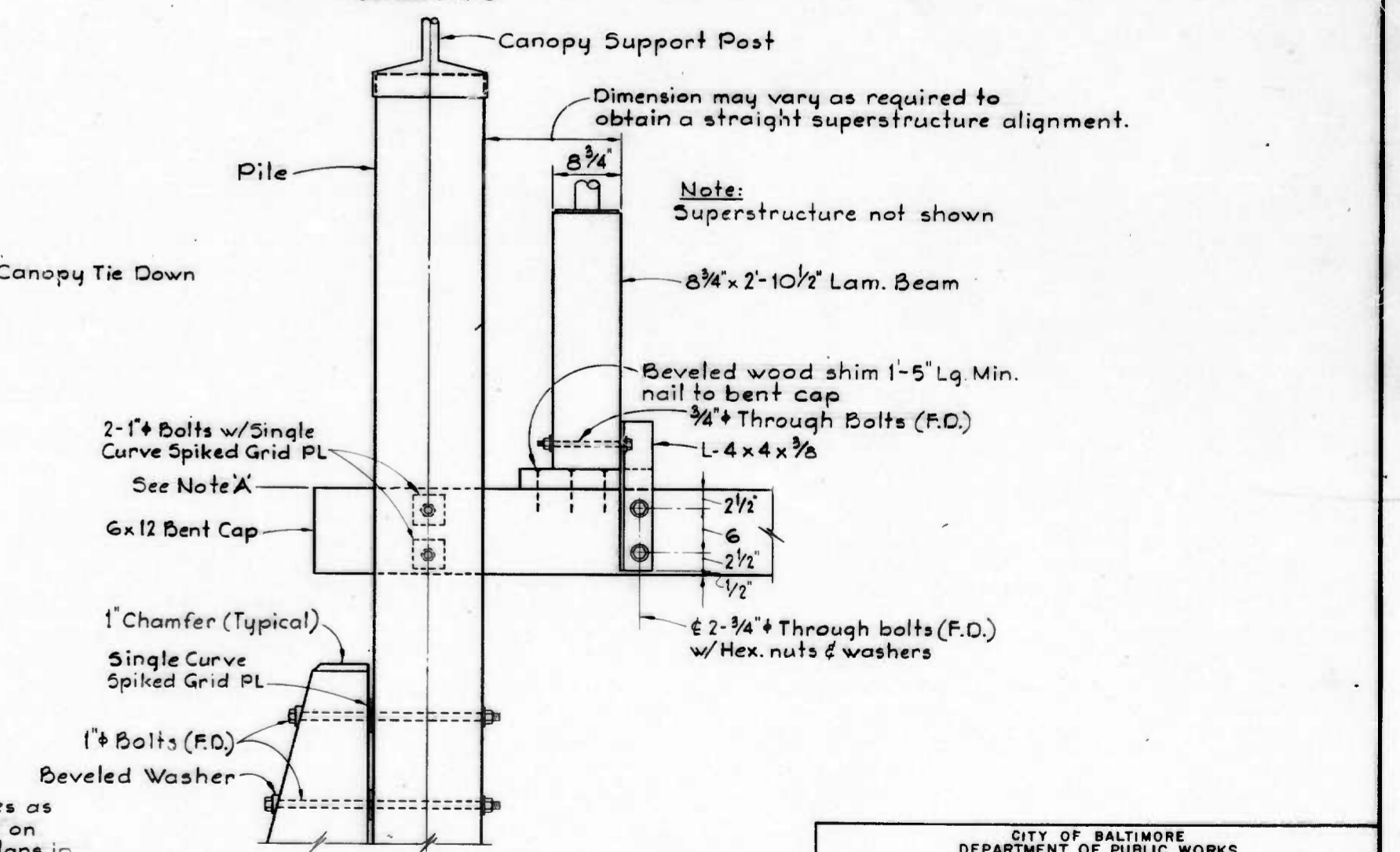
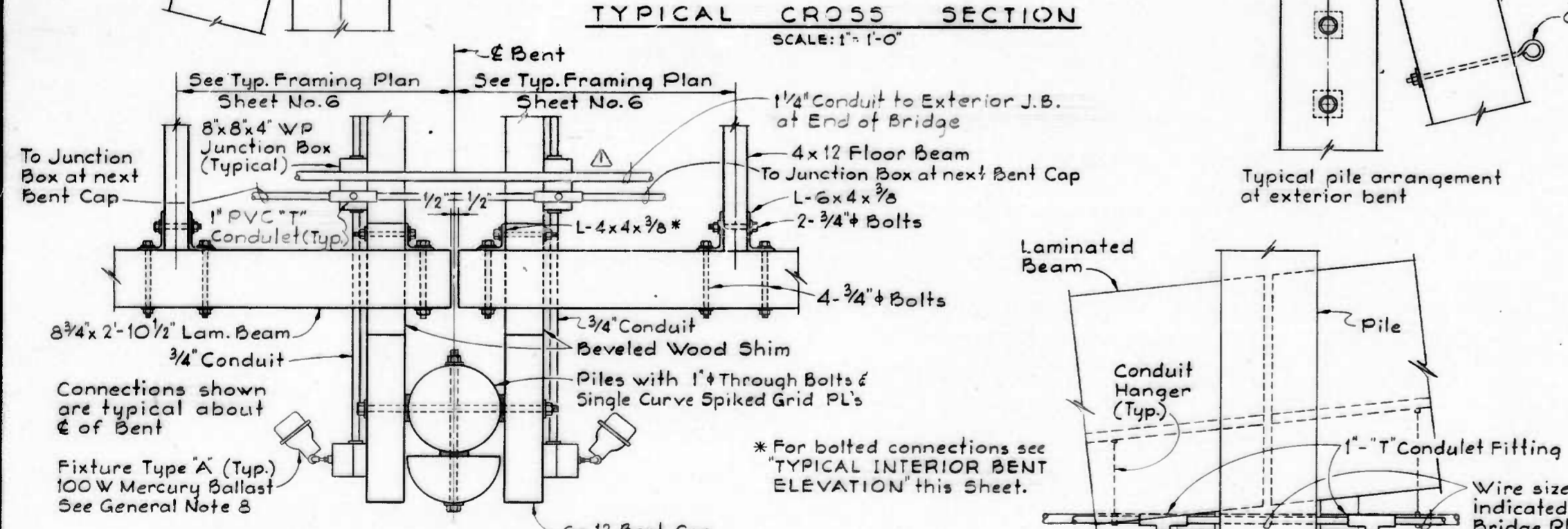
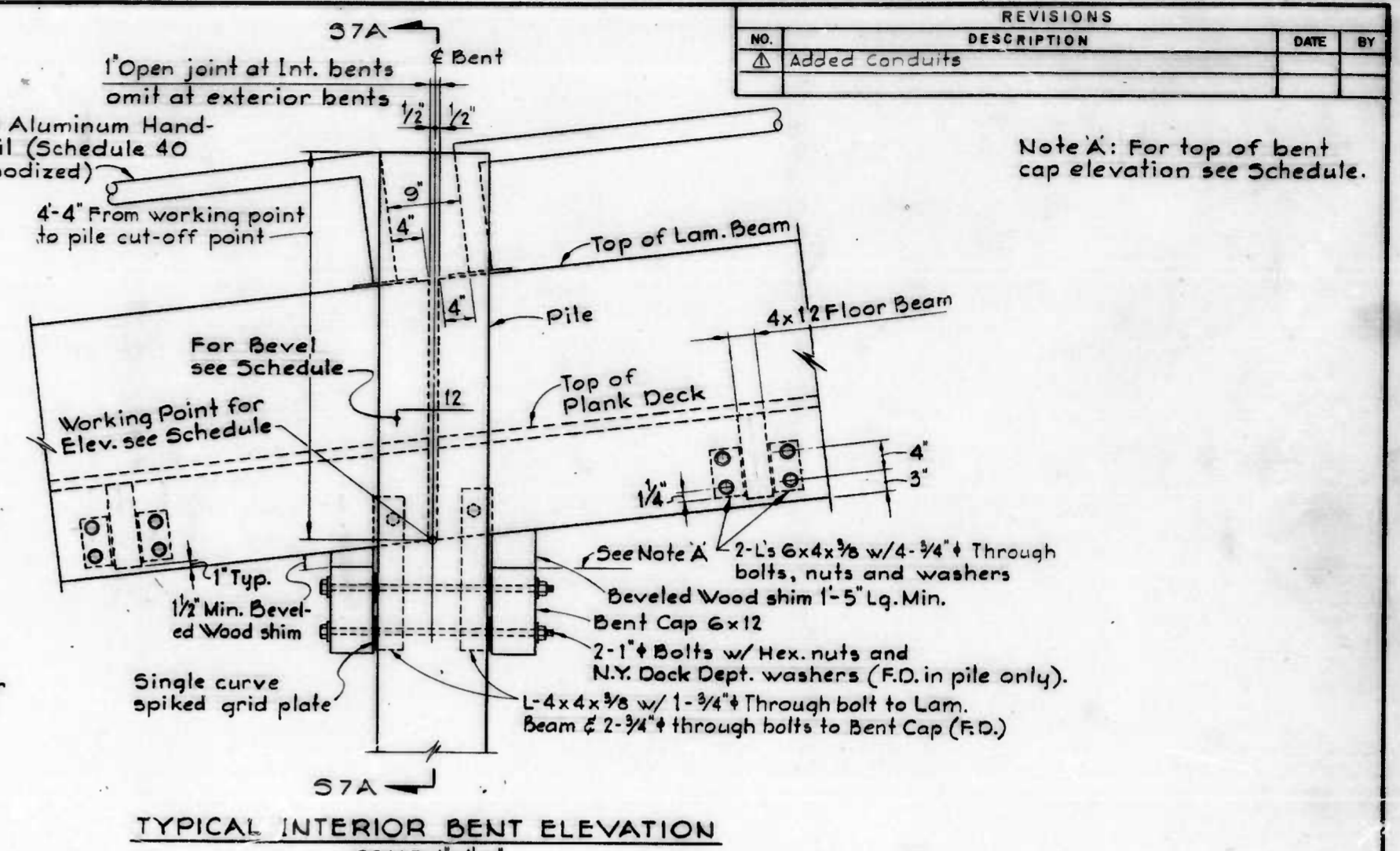
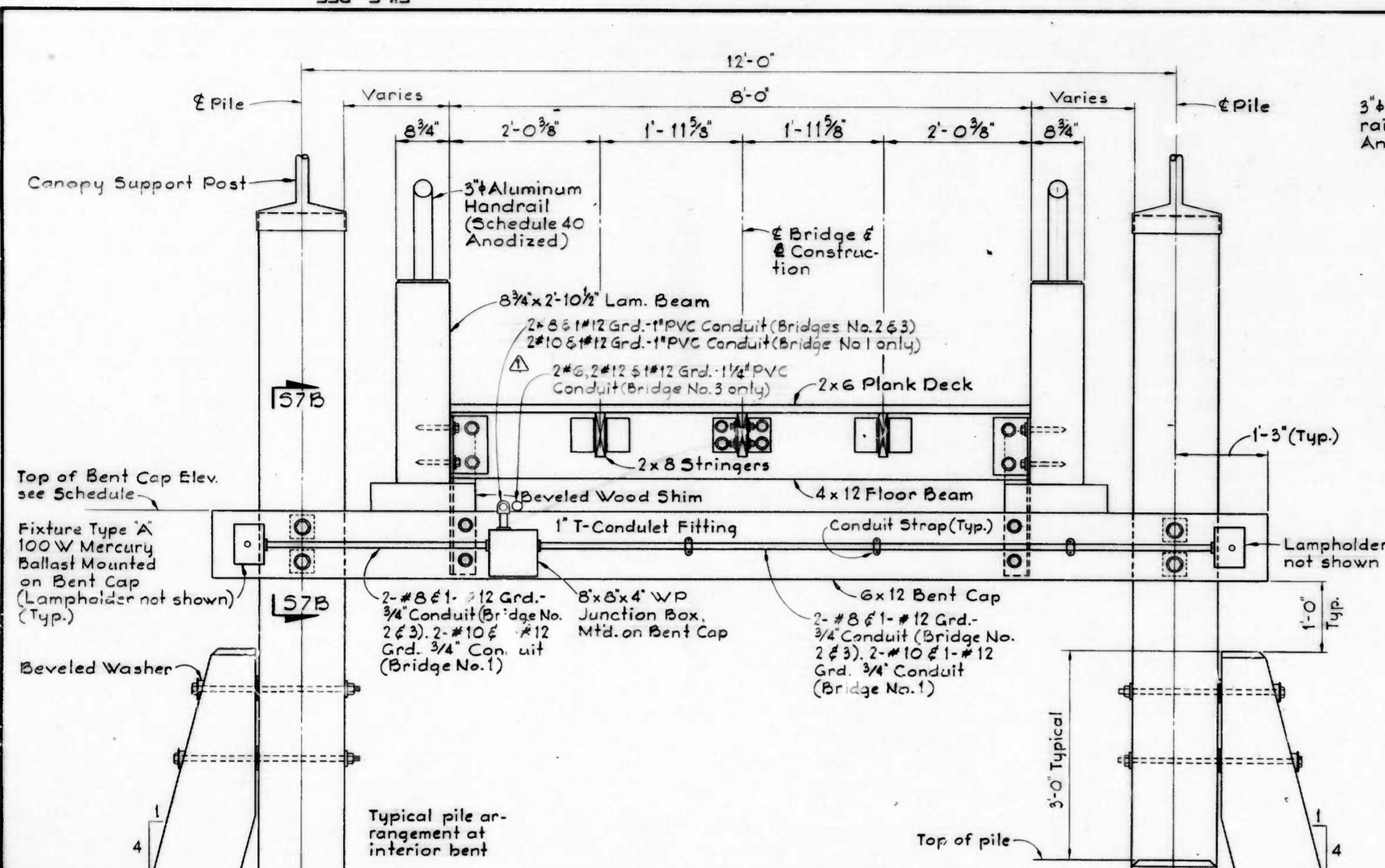
PEDESTRIAN BRIDGES
INNER HARBOR EAST
SUPERSTRUCTURE
DETAILS

SCALE AS SHOWN DATE DEC. 13, 1979
SHEET 6 OF 9

FILE REF.

FILE REF

REVISIONS			
NO.	DESCRIPTION	DATE	BY
1	Added Conduits		



DRAWN BY: J.P. Myers
EXAMINED BY: [Signature]

W.O. 7471-2

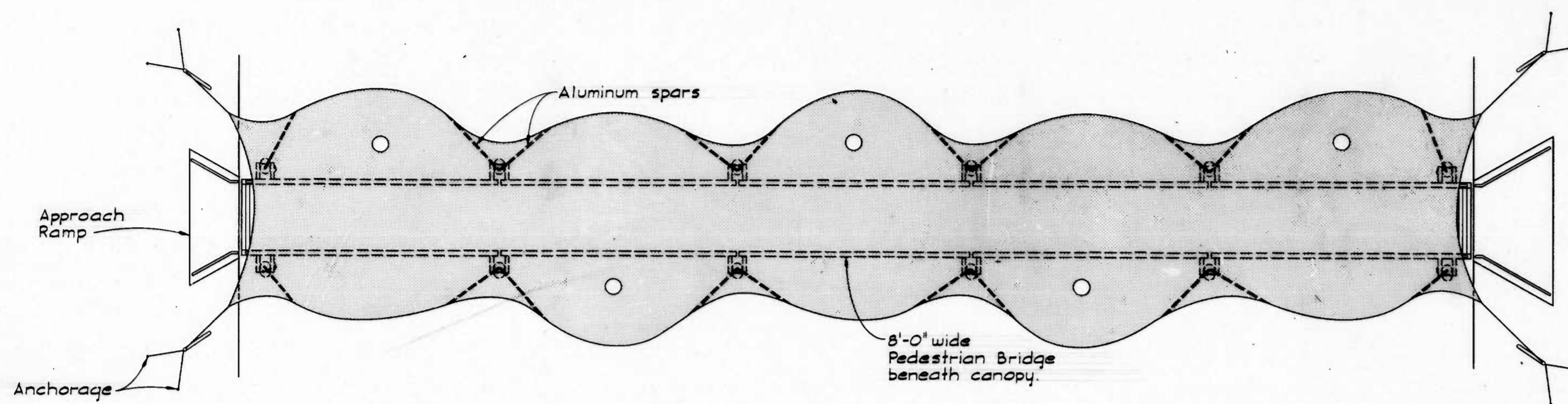
WHITMAN, REQUARDT & ASSOCIATES
ENGINEERS
BALTIMORE, MARYLAND

CITY OF BALTIMORE
DEPARTMENT OF PUBLIC WORKS
BUREAU OF ENGINEERING
CONTRACT NO. 2594
PEDESTRIAN BRIDGES
INNER HARBOR EAST
PILE BENT DETAILS
SCALE: AS SHOWN
DATE: DEC. 13, 1979
SHEET 7 OF 9

FILE REF.

FILE REF.

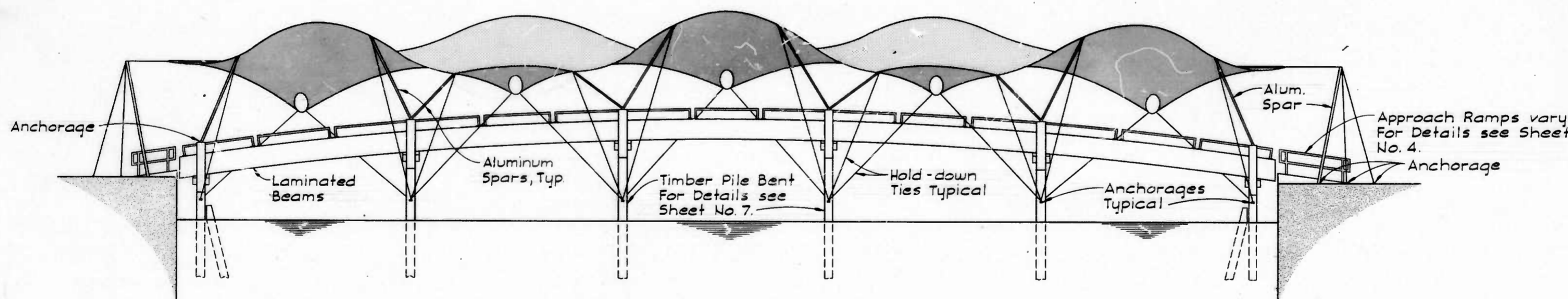
REVISIONS			
NO.	DESCRIPTION	DATE	BY



PLAN

NOTES:

1. Loads: Canopy shall be designed for a snow load of 40 psf and for forces due to wind at 120 miles per hour.
2. Contractor shall be responsible for the design, furnishing and erection of a canopy over each of the 3 bridges, as shown on this sheet.
3. Canopies over the bridges shall be prestressed membrane structures, supported on aluminum spars, as shown. Membrane skin edges shall be fiberglass arches. Membrane structure shall be anchored by cables to the timber pile bents and to the ground at the ends of the bridges.
4. The design and erection of the anchorages at the pile bents and in the ground at the end of the bridges shall be the responsibility of the Contractor.
5. Canopy shall be polyester coated fabric equivalent to Shelter - Rite FR7/2B (see specs).
6. Spars shall be 6061-T6 Aluminium alloy.
7. Tie downs shall be zinc coated steel wire rope conforming to ASTM A603-70.
8. All patterns shall be turned over to the City. See Specifications.
9. See Specifications for additional requirements including minimum clearances.



ELEVATION

DRAWN BY: *E.C. Rupp*
 EXAMINED BY: *C.P. Katz*

WO 7471-2



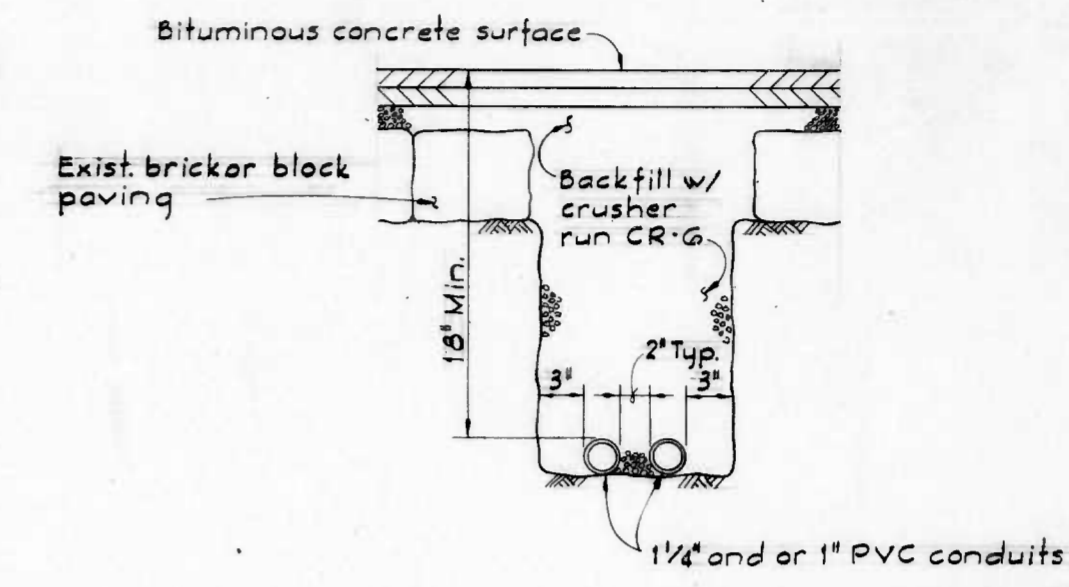
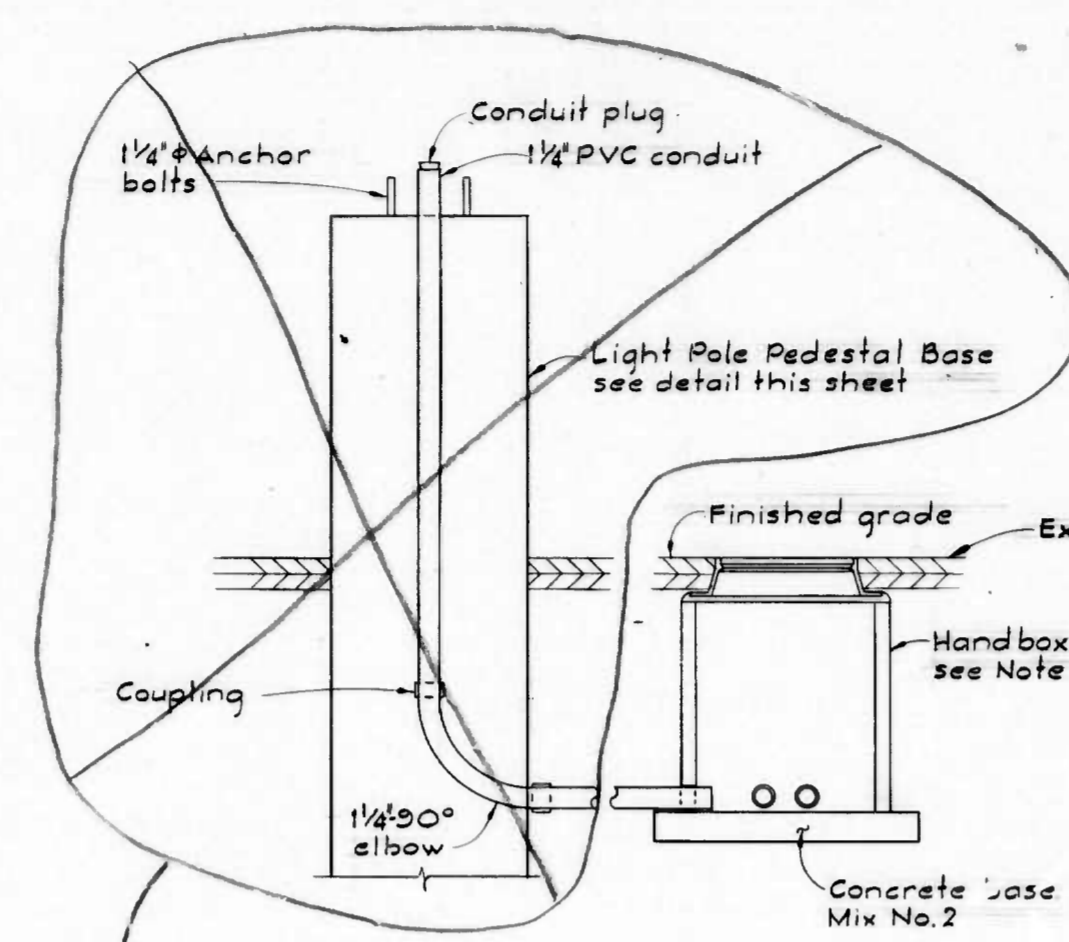
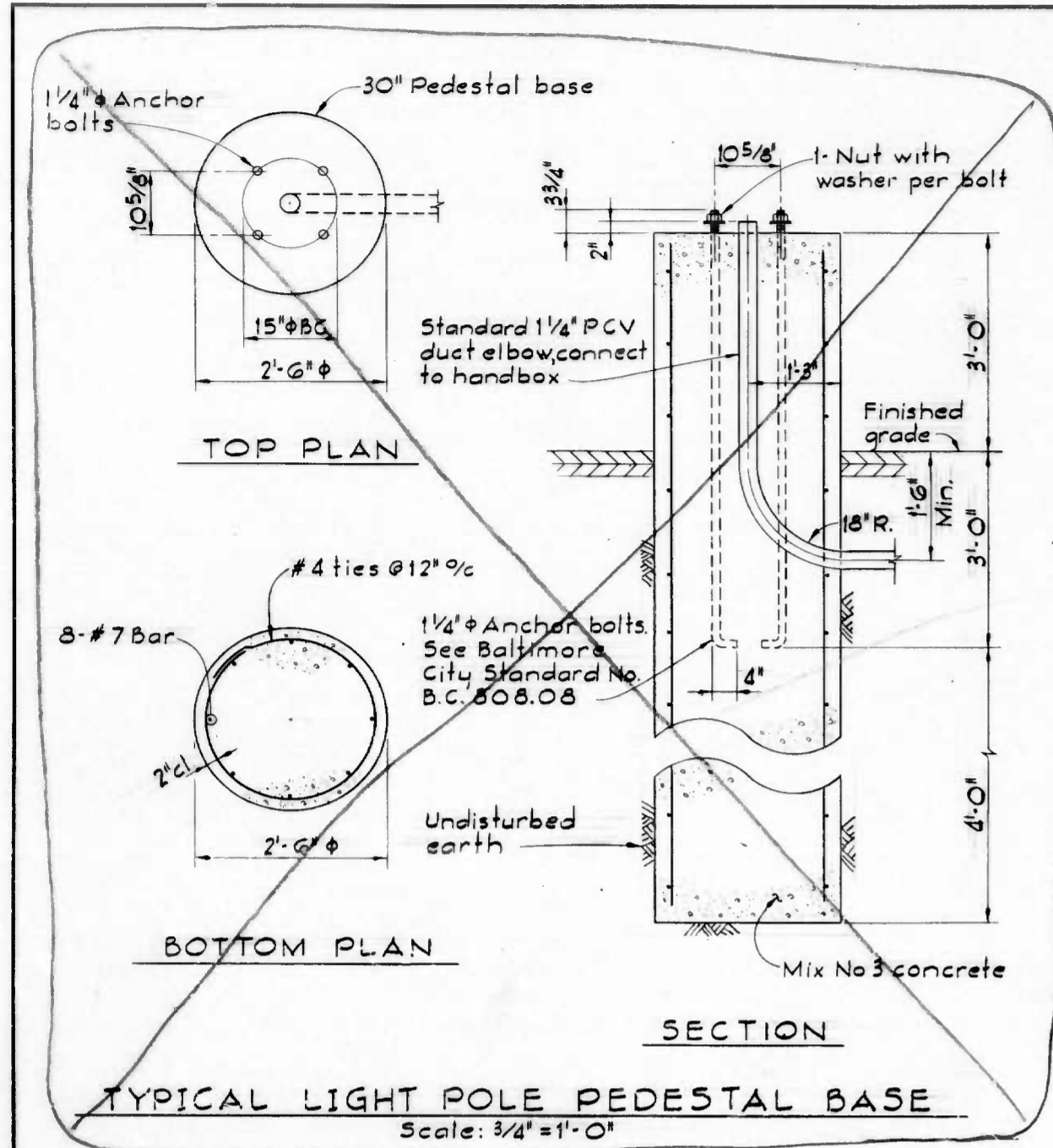
WHITMAN, REQUARDT & ASSOCIATES
 ENGINEERS
 BALTIMORE, MARYLAND
 BY: *Charles F. Miland*

CITY OF BALTIMORE
 DEPARTMENT OF PUBLIC WORKS
 BUREAU OF ENGINEERING
 CONTRACT NO. 2594
 PEDESTRIAN BRIDGES
 INNER HARBOR EAST
 BRIDGE
 CANOPIES
 SCALE 1/8" = 1'-0"
 DATE: DEC. 13, 1979
 SHEET 9 OF 9

FILE REF.

FILE REF.

REVISIONS			
NO.	DESCRIPTION	DATE	BY
1	Added Entire Sheet		

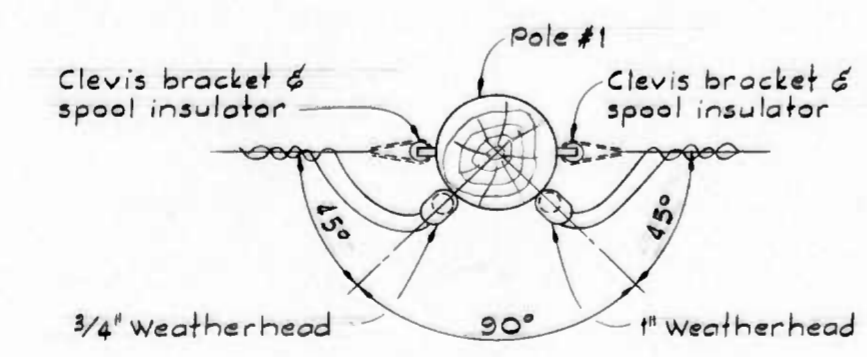


TYPICAL HANDBOX SECTION
No Scale:

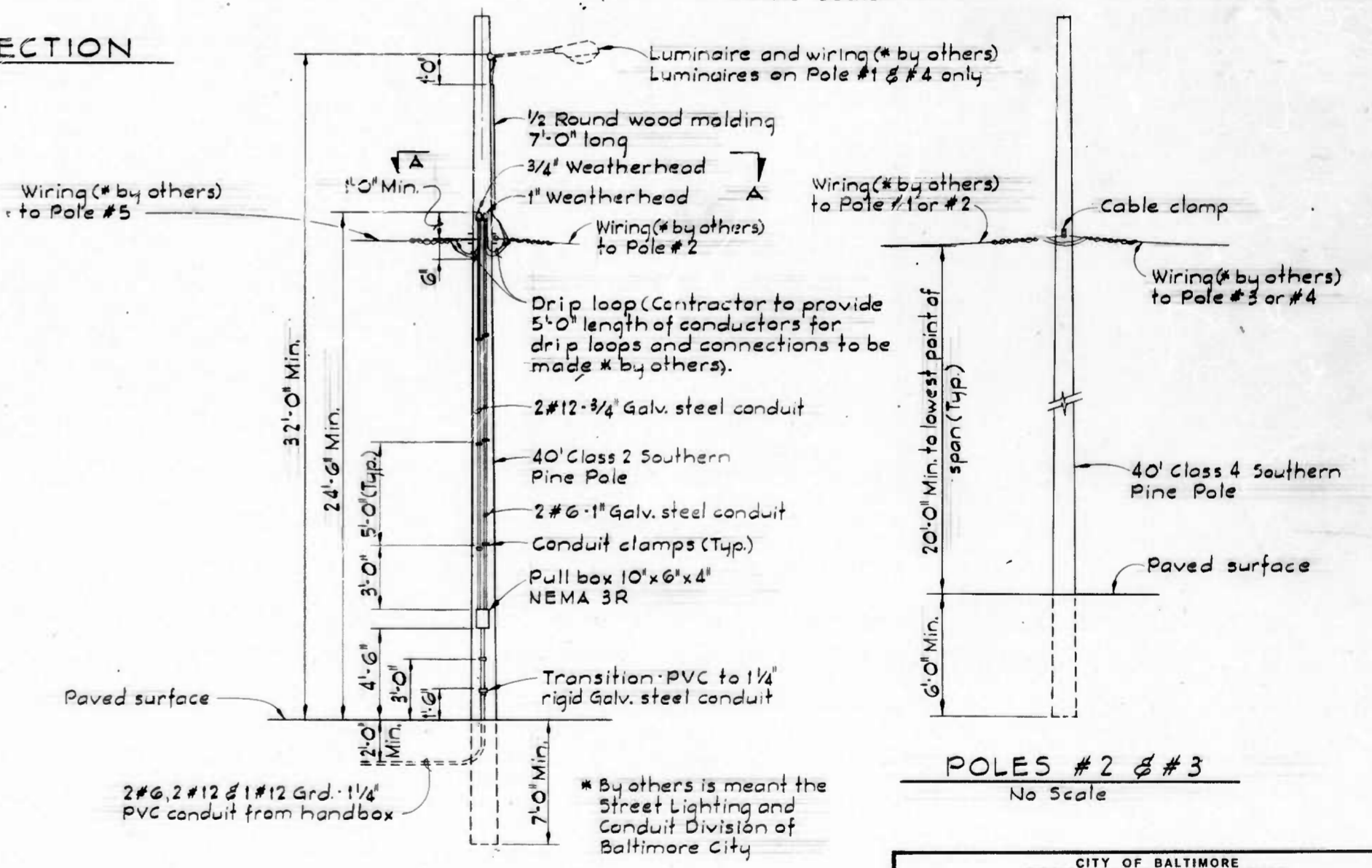
TYPICAL CONDUIT SECTION
No Scale:

GENERAL NOTES

- All utility work shall be done in accordance with the City of Baltimore Department of Public Works, Bureau of Engineering "Book of Standards" unless otherwise shown on the drawings.
- Existing utilities are shown in accordance with "Plat Showing The Physical Outline, Topography And Utilities Of Pier 6 Located On The South Side Of Pratt Street" dated October 27, 1977, prepared by the City of Baltimore, Department of Public Works, Bureau of Engineering, Surveys and Records Division. The City does not warrant or guarantee the correctness or the completeness of the information shown. The Contractor shall verify all such information to his own satisfaction before working in the area of existing utilities.
- Notify the Bureau of Operations at 396-0320 at least three (3) days before starting work.
- Notify "Miss Utility" at 559-0100 at least three (3) days prior to starting work, stating: (1) Nature of work, (2) Location of job and Contract Number, and (3) Time and Date for starting work so that The Baltimore Gas and Electric Company can mark its facilities.
- The Contractor shall observe extreme caution when working over or near existing water facilities.
- Hand boxes and covers shall be in accordance with Baltimore City Dept. of Public Works & Bureau of Engineering Standards No. BC-804.01, modified as required and No. BC-804.03 thru BC-804.08.
- Concrete work shall be done in accordance with Article 34.08 of the Standard Specifications. Concrete shall be Mix No. 3 air entrained.
- Existing pavement disturbed by the installation of underground conduit shall be repaired as shown and in accordance with Article 35.10 of the Standard Specifications.



SECTION A-A
No Scale



POLE # 1
No Scale
Poles # 2 & # 3 same, except for pullbox, conduits and weatherheads

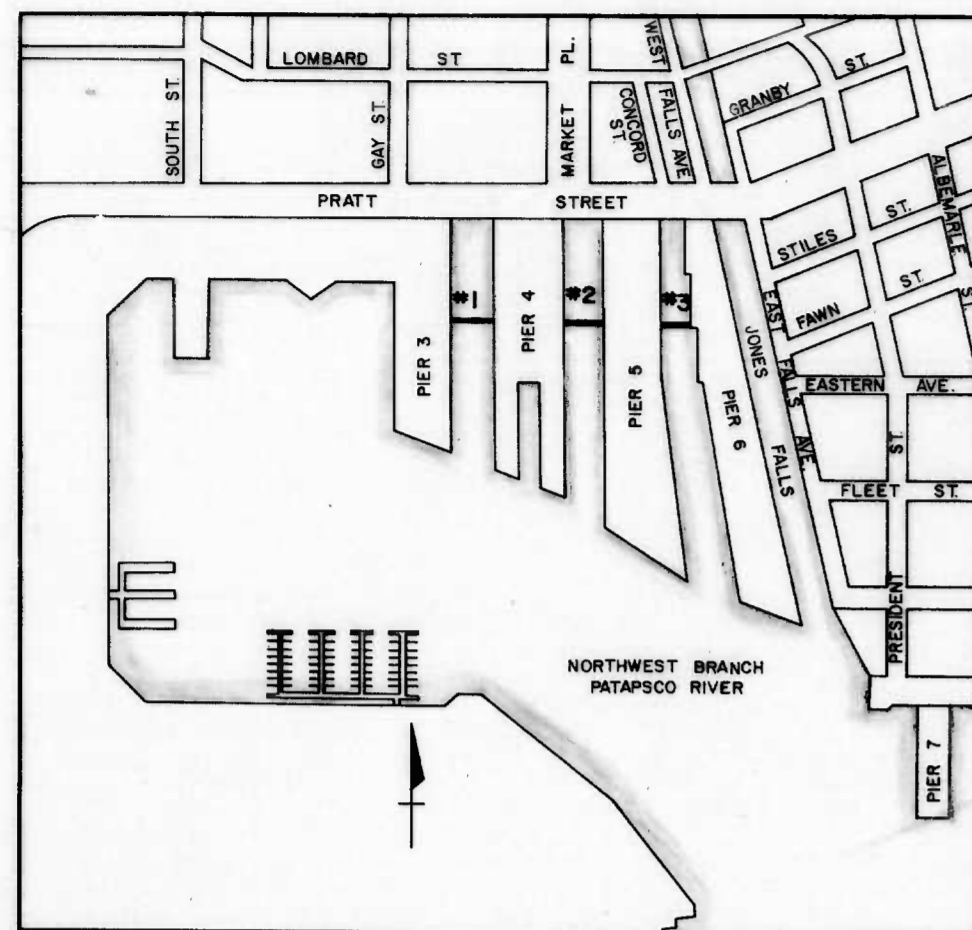
POLES # 2 & # 3
No Scale

DRAWN BY *L.R. Retund*
EXAMINED BY *W.R. M... ..*

WHITMAN, REQUARDT & ASSOCIATES
ENGINEERS
BALTIMORE, MARYLAND

CITY OF BALTIMORE
DEPARTMENT OF PUBLIC WORKS
BUREAU OF ENGINEERING
CONTRACT NO. 2594
PEDESTRIAN BRIDGES
INNER HARBOR EAST
MISCELLANEOUS
DETAILS
SCALE: AS SHOWN
DATE: _____
SHEET 9A OF 9

FILE REF.



LOCATION PLAN
SCALE IN FEET
200 0 200 400 600 800

CITY OF BALTIMORE
DEPARTMENT OF PUBLIC WORKS
BUREAU OF ENGINEERING



CONTRACT NO. 2594

PEDESTRIAN BRIDGES
INNER HARBOR EAST

INDEX OF DRAWINGS

SHEET NO.	TITLE
1 OF 9	TITLE SHEET
2 OF 9	ELECTRICAL PLAN & CONSTRUCTION STAKEOUT
3 OF 9	BRIDGE NO.1 PLAN & ELEVATION
4 OF 9	BRIDGE NO.2 PLAN & ELEVATION
5 OF 9	BRIDGE NO.3 PLAN & ELEVATION
6 OF 9	SUPERSTRUCTURE DETAILS
7 OF 9	PILE BENT DETAILS
8 OF 9	APPROACH RAMP DETAILS
9 OF 9	BRIDGE CANOPIES
9A OF 9	MISCELLANEOUS DETAILS

	<p>WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1111 NORTH CHARLES STREET BALTIMORE, MARYLAND</p>	<p><i>November 13 1977</i> DATE <i>Charles F. Millard</i> REG. NO. 2289</p>	<p><i>Ernie W. Kuntz</i> DIRECTOR OF PUBLIC WORKS <i>Walter E. Jones</i> COMMISSIONER, TRANSIT AND TRAFFIC</p>	<p><i>William E. Ray</i> HEAD, BUREAU OF ENGINEERING <i>John J. Hargan</i> DIRECTOR, CONSTRUCTION AND BUILDING INSPECTION</p>	<p><i>W. B. White</i> COMMISSIONER, HOUSING AND COMMUNITY DEVELOPMENT</p>
--	---	---	--	---	---