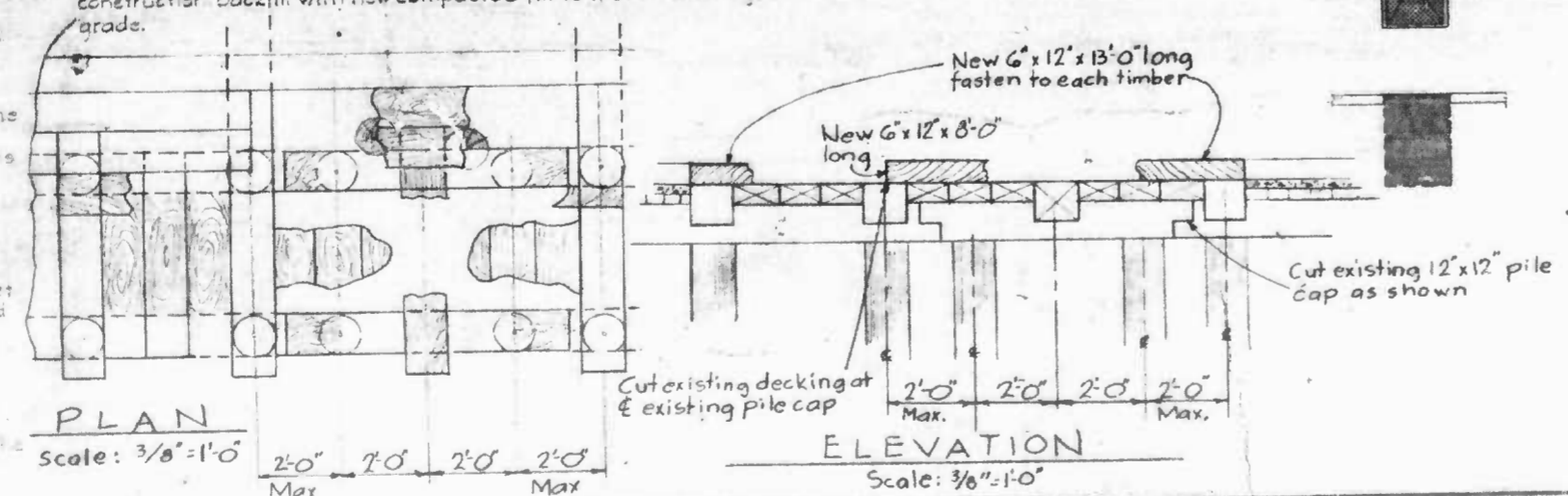
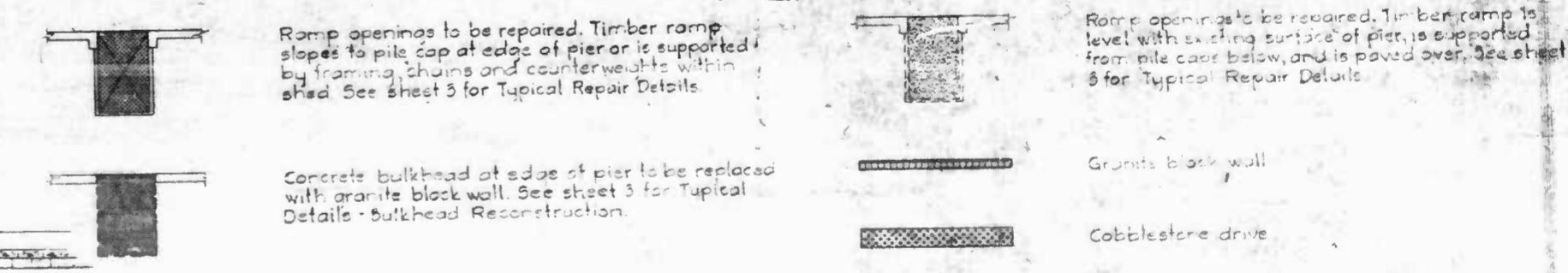


PLAN - PIER 3
Scale: 1" = 20'
(Showing repairs and improvements)

SCOPE OF WORK

- Remove all obstructions in the water within 50 feet of the edge of the pier. This shall include those obstructions shown on sheet 2 and all others found by the contractor. See the specifications for requirements.
- Remove the existing fender system, including all fender piles, all rubber airies, all connecting bolts, all 3 pile dolphins, and the two 10 pile dolphins at the south corners of the pier.
- Repair the seven existing ramp openings as detailed on sheets 3 and 4. Approximate locations of the openings are shown on the Plan. Detailed dimensions are to be determined by the contractor in the field.
- Replace the eight existing sections of concrete bulkhead at the edge of the pier with granite blocks as detailed on sheet 3. Approximate locations are shown on the Plan. Detailed dimensions are to be determined by the contractor in the field.
- Remove the 3 broken cleats shown on the Plan, and relocate 2 additional cleats to locations shown in Plan.
- Replace the broken granite capstone shown in Plan on the east side of the pier with a new granite stone cut to suit and grouted in place. Grout all loose capstones.
- Install a new fender system around the pier face of the pier as detailed on sheet 4, including new 12" cleats.
- Install the new 3 pile and 10 pile dolphins at the south end of the pier where shown in plan and as detailed on sheet 4.
- Remove the boardwalk covering the granite capstones at the south end of the pier where shown in plan.
- The contractor shall be responsible for disposing of all items removed which are not to be reused.
- Remove existing granite wall between elevation 4.5 and the top. Additional removal below elevation 4.5 permitted at contractor's option to obtain granite block for bulkhead reconstruction. Backfill with new compacted fill to match existing grade.

LEGEND



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

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

AS BUILT DRAWINGS



PIER 3 INNER HARBOR EAST
DEPARTMENT OF HOUSING AND COMMUNITY DEVELOPMENT
CHARLES CENTER - INNER HARBOR MANAGEMENT INC.

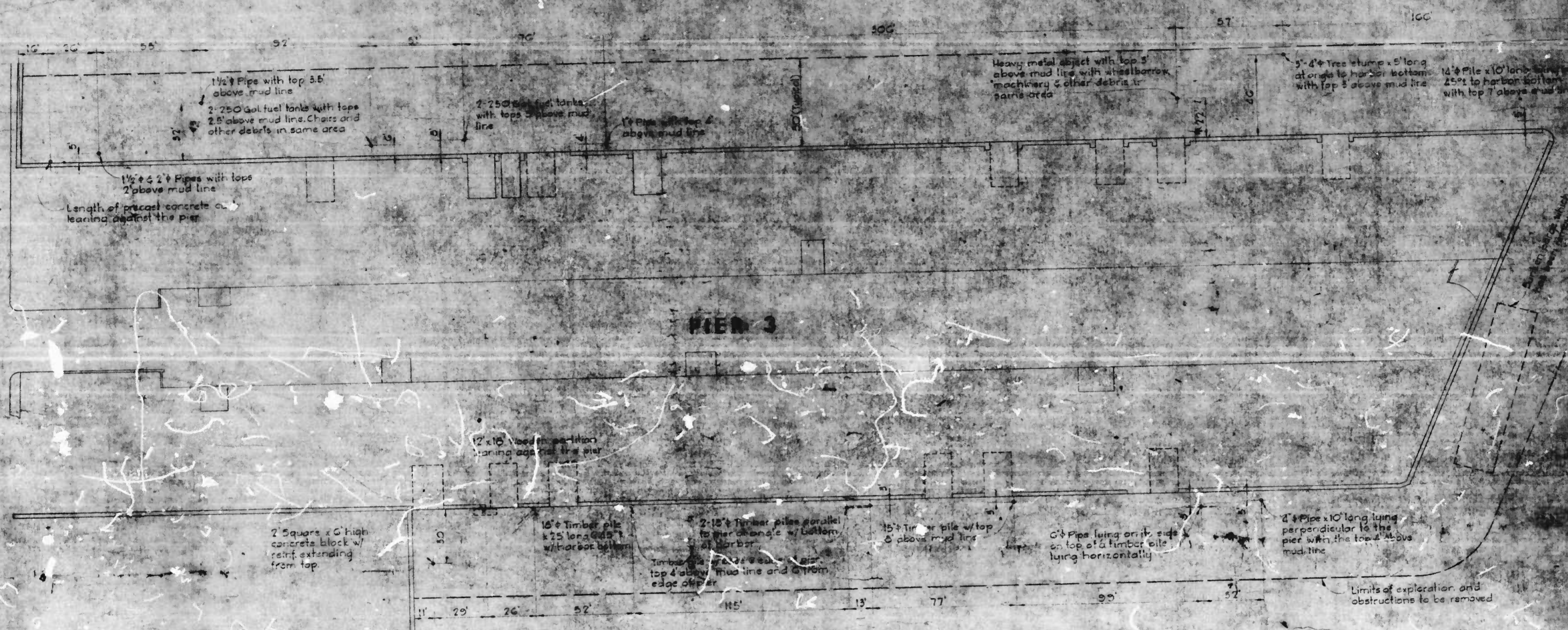
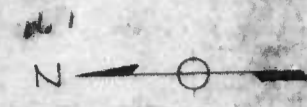
Whitman, Reardon and Associates
Engineers
1304 St. Paul Street
Baltimore, Maryland 21202

PLAN PIER 3
REPAIRS AND
IMPROVEMENTS

1

Scale: AS NOTED Date: 4/15/75

Revisions



PLAN PIER 3
Scale: 1" = 30'
(Showing obstructions to be removed)

NOTES

1. The information shown on this sheet was taken from the sheet "Inner Harbor - Pier 3 Obstructions prepared for Charles Center Inner Harbor Management by Whitman, Reardon and Assoc. in August, 1974. Data was supplied by Tidewater Diving Service, Inc. on August 6, 7, 9, 10, 1974.
2. Locations of obstructions are approximate and are dimensioned to the point where the object intersects the mud line.
3. The sunken bases at the south end of the pier have been removed, but there may be debris remaining in the area which is to be removed.
4. In addition to the objects shown the contractor shall be responsible for locating, removing and disposing of any other obstructions within 50 feet of the edge of the pier.
5. The existing fender piles to be removed as part of this contract are not shown on this drawing.

AS BUILT DRAWINGS



Charles R. Vogt

PIER 3 INNER HARBOR EAST
DEPARTMENT OF HOUSING AND COMMUNITY DEVELOPMENT
CHARLES CENTER - INNER HARBOR MANAGEMENT INC.

Whitman, Reardon And Associates
Engineers
1304 St. Paul Street
Baltimore, Maryland 21202

**PLAN PIER 3
OBSTRUCTIONS TO
BE REMOVED**

2

Scale: AS NOTED Date: 8/10/74 Project No. 20-15

Revisions

PIER 3

PIER EDGE IMPROVEMENTS

JOB NUMBER 20-75

BALTIMORE CITY
DEPARTMENT OF HOUSING & COMMUNITY DEVELOPMENT
CHARLES CENTER/INNER HARBOR MANAGEMENT, INC.

PIER 3 - INNER HARBOR EAST

DRAWINGS No: 14-75 DATED: 4/13 1975

Index To Sheets

1. PLAN PIER 3 - REPAIRS AND IMPROVEMENTS
2. PLAN PIER 3 - OBSTRUCTIONS TO BE REMOVED
3. TYPICAL DETAILS - RAMP OPENING REPAIRS AND BULKHEAD RECONSTRUCTION
4. TYPICAL DETAILS - FENDER SYSTEM AND DOLPHINS

Whitman, Requardt And Associates
Engineers
1304 St. Paul Street
Baltimore, Maryland 21202

Thomas H. Sultz
DIRECTOR, DEPARTMENT OF PUBLIC WORKS
CITY OF BALTIMORE

Ottavio F. Grande
DIRECTOR, CONSTRUCTION & BUILDINGS INSPECTION
DEPARTMENT OF HOUSING & COMMUNITY DEVELOPMENT

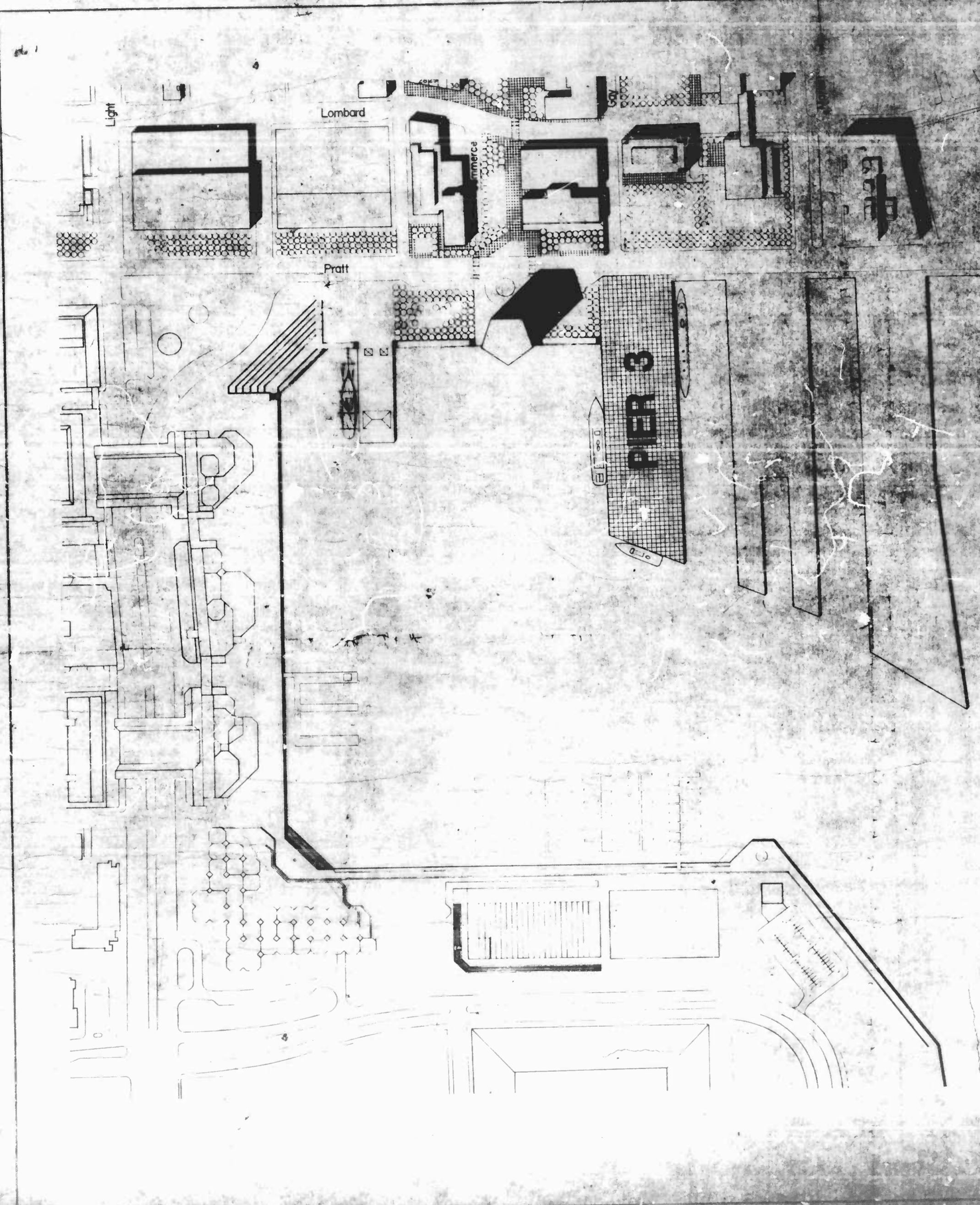
William P. P.
HEAD, BUREAU OF ENGINEERING
DEPARTMENT OF PUBLIC WORKS

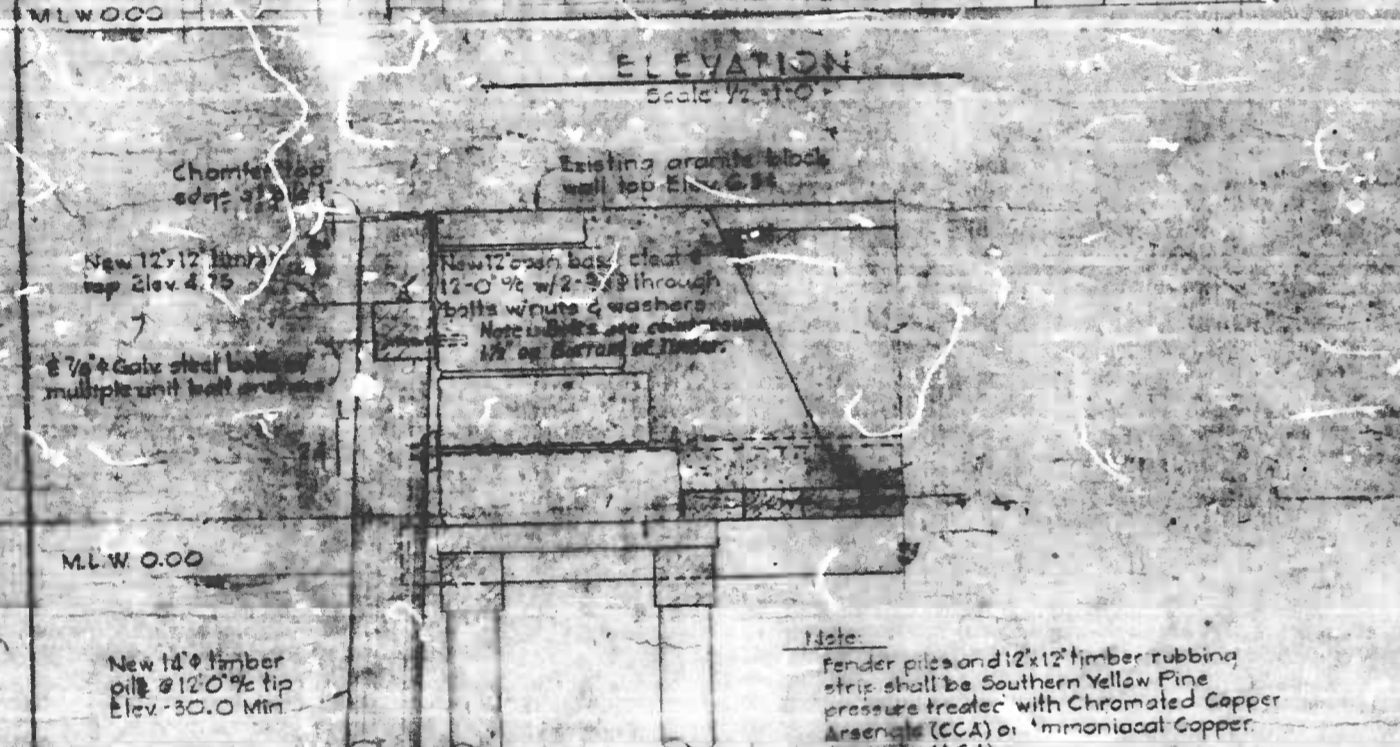
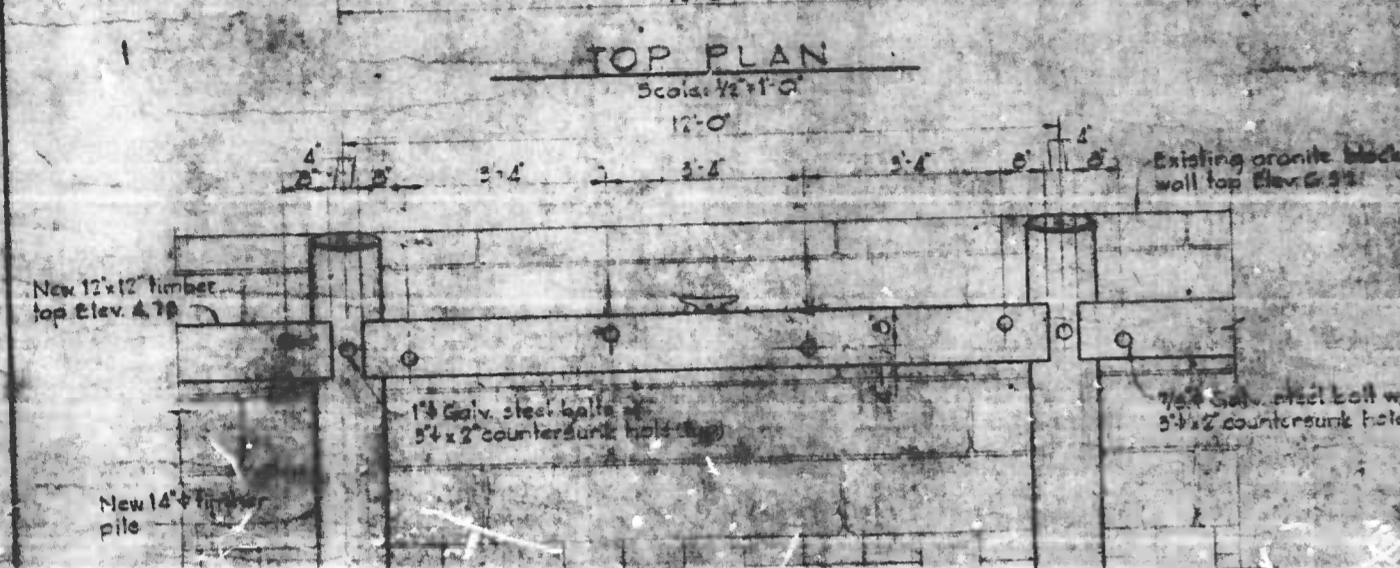
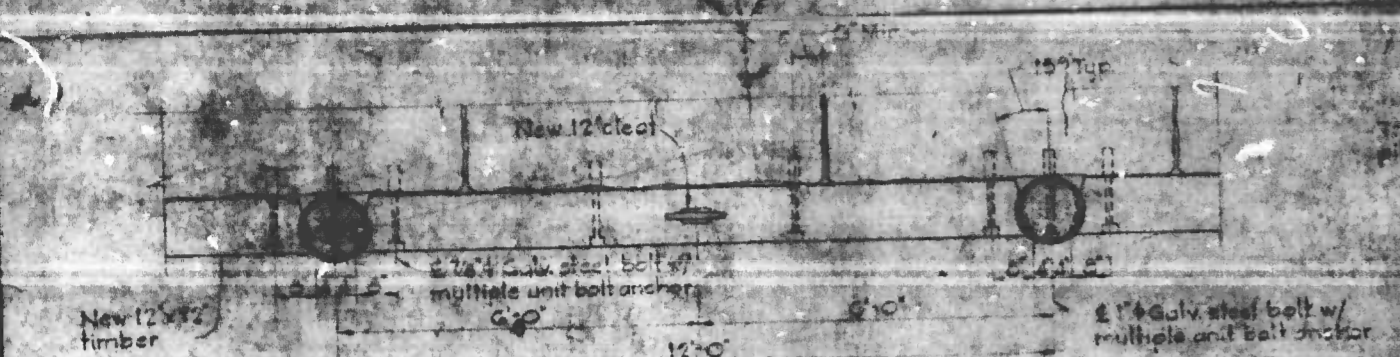
M. J. B.
DEPUTY COMMISSIONER
DEPARTMENT OF HOUSING & COMMUNITY DEVELOPMENT

J. H.
COMMISSIONER
DEPARTMENT OF HOUSING & COMMUNITY DEVELOPMENT

Gene F.
HEAD, BUREAU OF OPERATIONS
DEPARTMENT OF PUBLIC WORKS

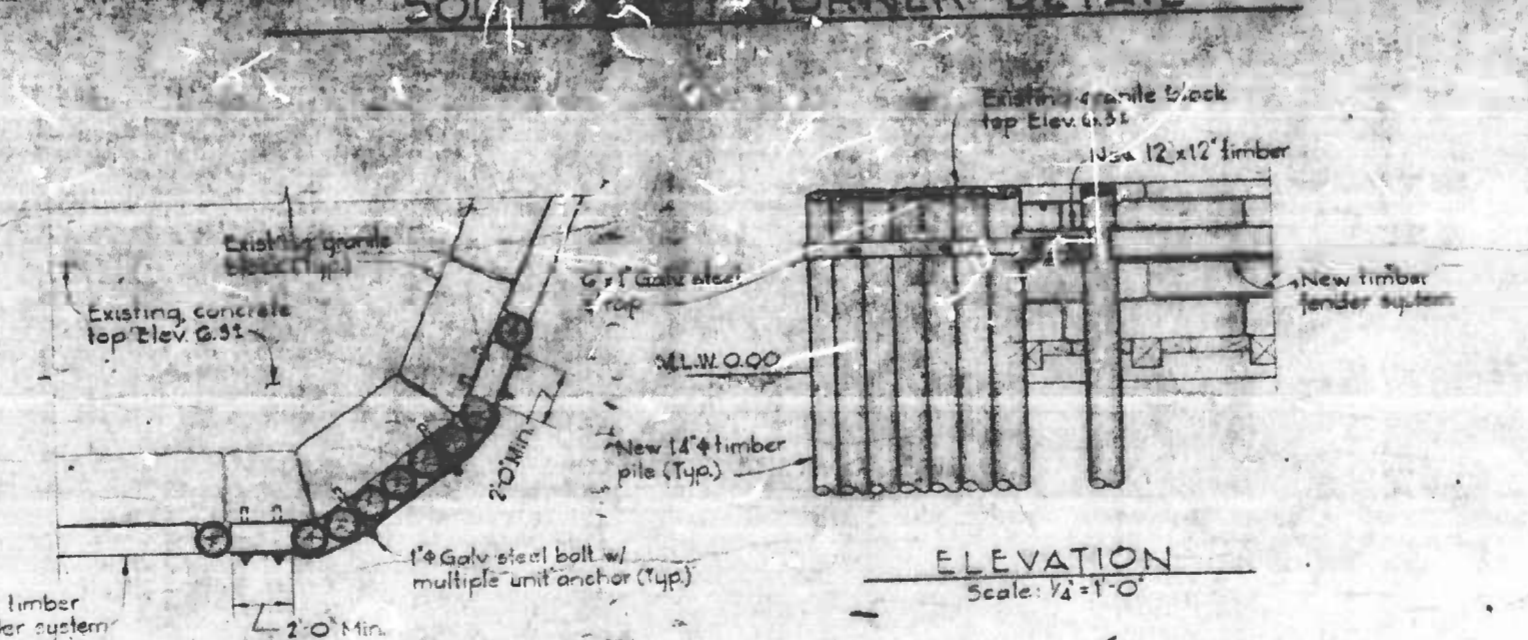
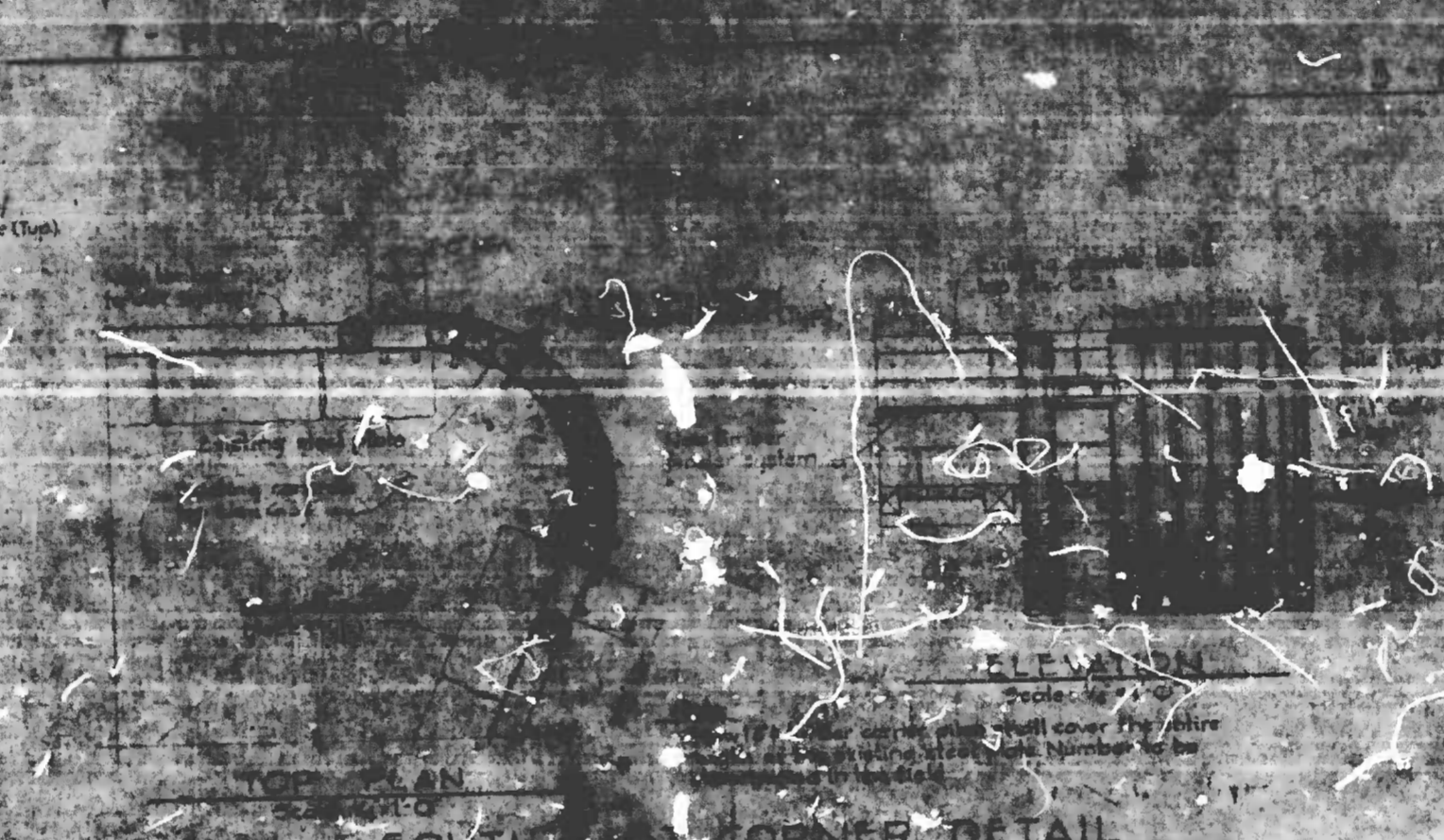
AS BUILT DRAWINGS



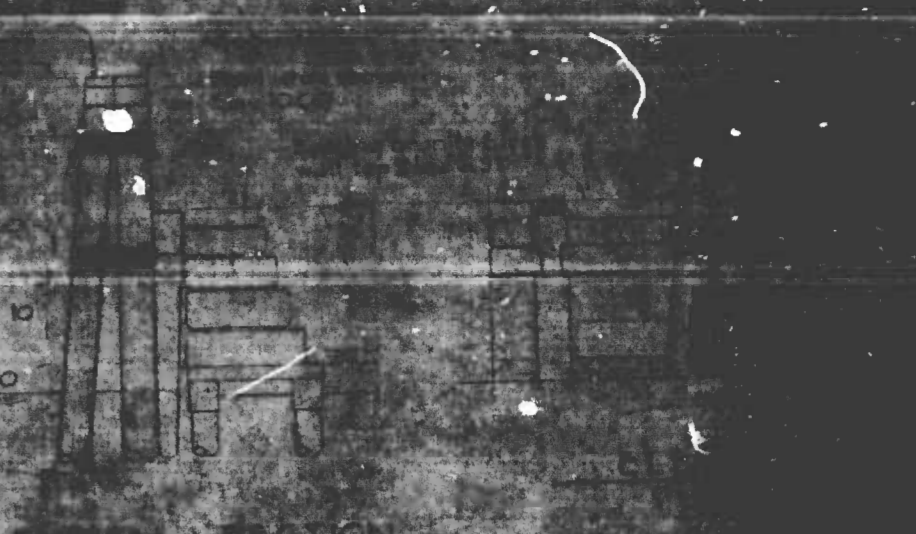


TYPICAL FENDER SYSTEM

Note:
Fender piles and 12x12 timber rubbing strip shall be Southern Yellow Pine pressure treated with Chromated Copper Arsenate (CCA) or Ammoniacal Copper Arsenate (ACA).



SOUTH WEST CORNER DETAIL



PIER 3 CORNER DETAIL

RAMP OPENING REPAIR PROCEDURE

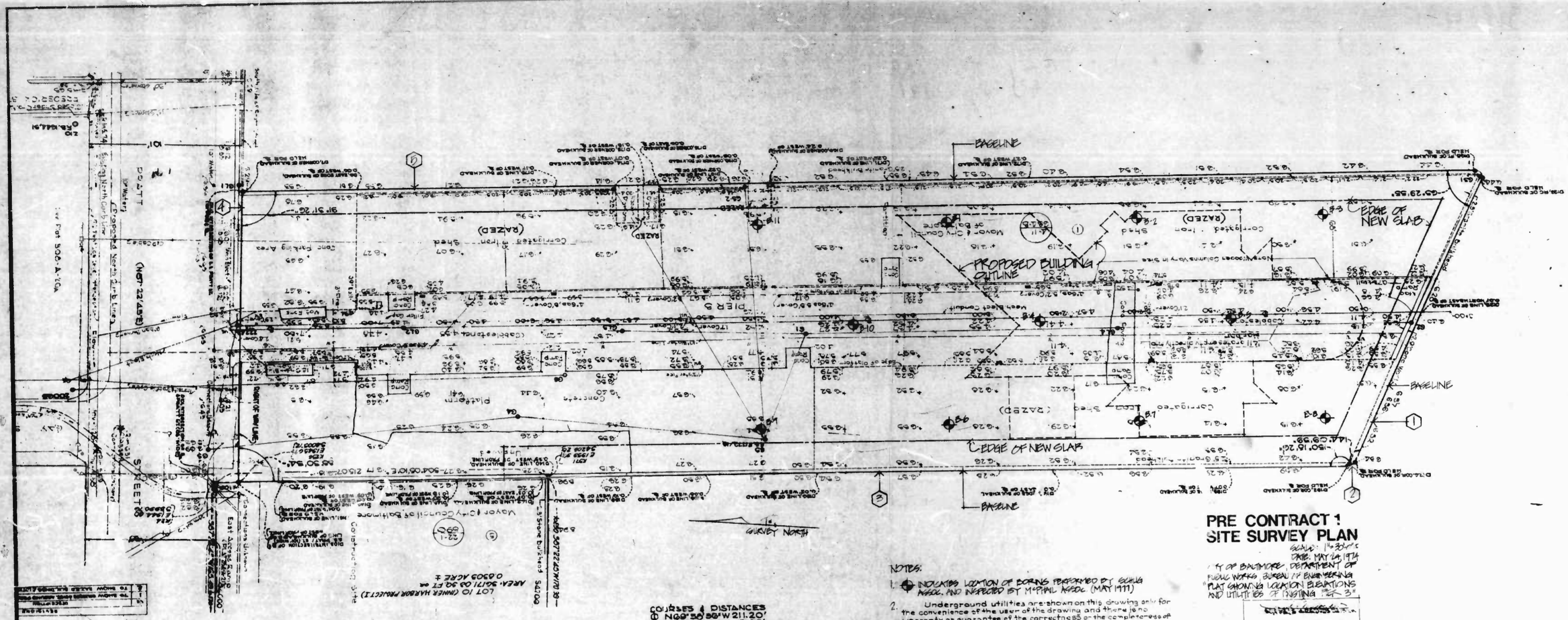
1. Remove the existing timber fender system shown in plan and elevation.
2. At the pier ramp openings under the existing steel immediately adjacent to one side of each opening, fenders must be temporarily supported and braced until the repairs are completed. See specifications.
3. Remove the concrete slab and excavate behind the each side of the openings to the limits shown.
4. Remove the concrete walls and timber below to the limits shown.
5. Remove the existing granite blocks at each side of the opening and a running board when the block wall is constructed.
6. Cut the existing timber jacking at the limits shown at the opening.
7. Replace any existing timber piles, pile caps or decking that missing, and securely fasten any loose members.
8. Add new 12x12x5'-0" long timbers where shown in the field.
9. Add new 6x12x4'-0" long timber decking and new 12x12x5'-0" long timbers where shown at each opening.
10. Build new granite block wall with concrete fill behind block wall as shown in Elevation.
11. Backfill behind the new wall to the level of the existing ground.

AS BUILT DRAWINGS

PIER 3 INNER HARBOR EAST
DEPARTMENT OF HOUSING AND COMMUNITY DEVELOPMENT
CHARLES CENTER - INNER HARBOR MANAGEMENT

William Ferguson and Associates
Engineers
1204 St. Paul Street
Baltimore, Maryland 21202

TYPICAL DETAILS
FENDER SYSTEM
AND DOLPHINS



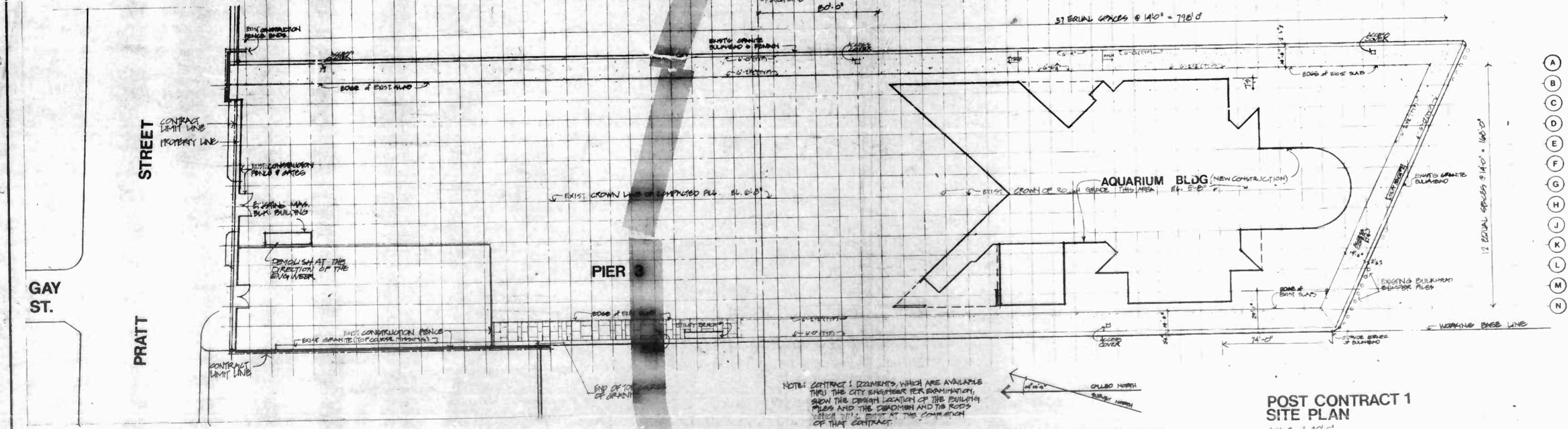
**PRE CONTRACT 1
SITE SURVEY PLAN**

- NOTES:**
1. INDICATES LOCATION OF BENCHMARKS REFERENCED BY BENCH MARKS AND REFLECTED BY METAL NAILS (MAY 1971)
 2. Underground utilities are shown on this drawing only for the convenience of the user of the drawing and there is no liability on the part of the contractor for the completeness of the information given. The user of the drawing must verify all such information to his own satisfaction.
 3. The elevations shown hereon are all referred to Mean Sea Tide as adopted by the Baltimore Survey Control System. All utilities were not located by field survey, but were taken from Water Works Division #12.
 4. BENCHMARK SURVEYS AND RECORD DIVISIONS, PER 3 SITE SURVEY FILE # 310-A-12
 5. BENCHMARK LOCATED BY OWNER

COURSES & DISTANCES

00 N69°50'50"W 211.20'
 01 N55°20'10"W 5.55'
 02 N55°20'10"W 173.84'
 03 N27°22'45"E 198.14'
 04 S04°05'41"E 808.24'

31 30 29 28 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1



**POST CONTRACT 1
SITE PLAN**

- NOTES:** CONTRACT DOCUMENTS, WHICH ARE AVAILABLE THROUGH THE CITY ENGINEER PER PERMISSION, SHOW THE CORRECT LOCATION OF THE BUILDING PILES AND THE DIMENSIONS AND THE ROSES THERE TO BE INSTALLED AT THE COMPLETION OF THAT CONTRACT.
- NOTE:** INSTALLATION OF PILING AROUND THE PIER PROVIDED BY WATER OR FOR ANY SPECIAL BUILDINGS. OTHER THAN WHAT IS SHOWN SHOULD BE THE CONTRACTOR'S RESPONSIBILITY.

Cambridge Seven Associates, Inc.

Cambridge Seven Associates, Inc.
 Architects
 Exhibit Designers
 1000 Massachusetts Ave.
 Cambridge, Mass. 02138

Job number: 7427-08 Sheet 3 of 250
 Drawn by: E.D.
 Checked by: J.L.
 Date of original: 22 MAR 78
 Revised:

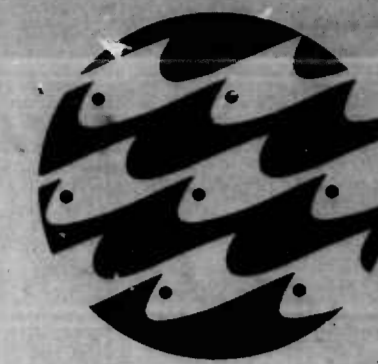
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Baltimore Aquarium

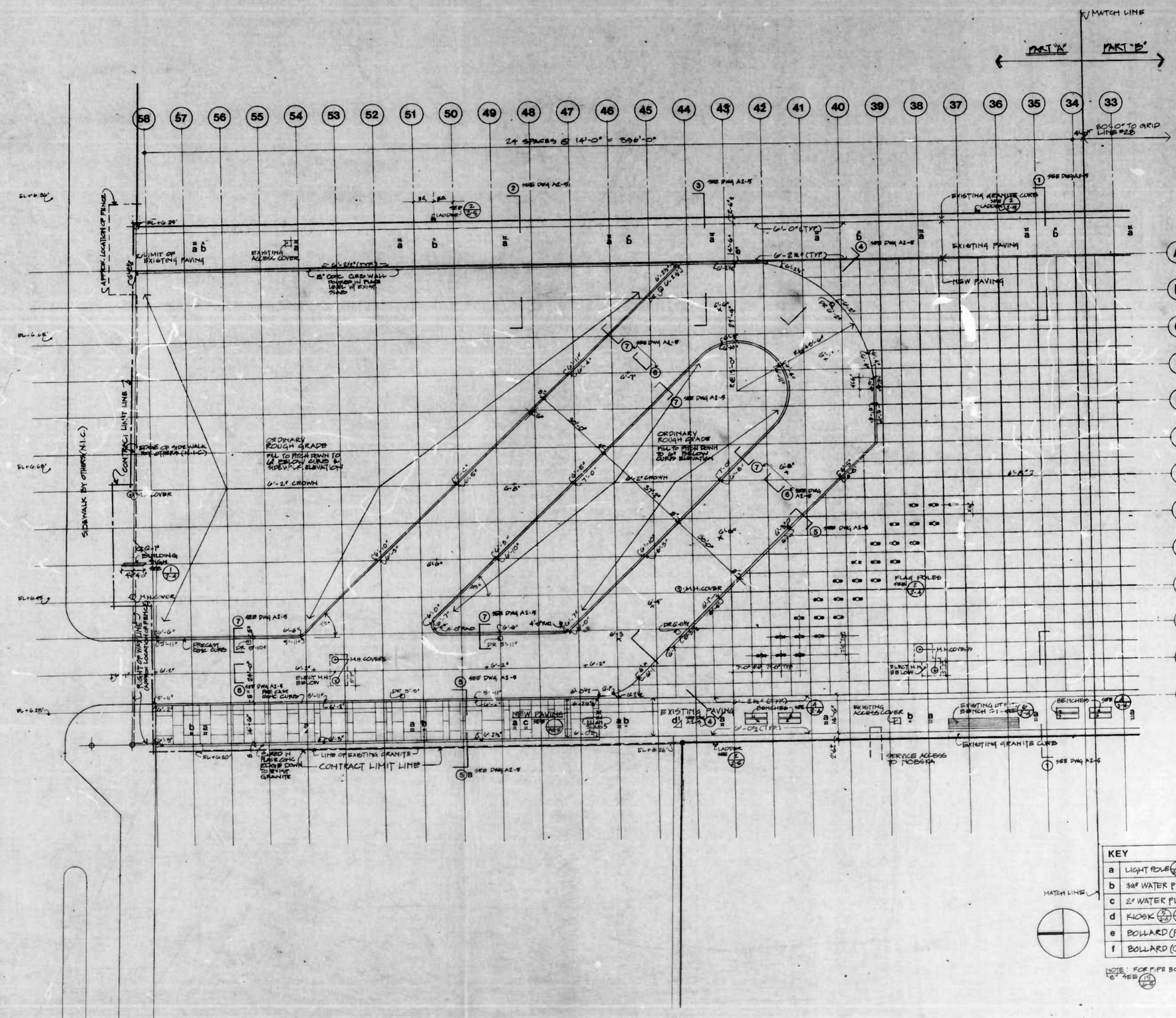
Contract 2
Existing Site Drawings



A2-1



PRATT STREET



KEY

a	LIGHT POLE
b	36" WATER PLATE
c	24" WATER PLATE
d	FLAG
e	BOLLARD (PIPE)
f	BOLLARD (CONC)

NOTE: FOR PIPE BOLLARD SEE DETAIL

Cambridge Seven Associates, Inc.

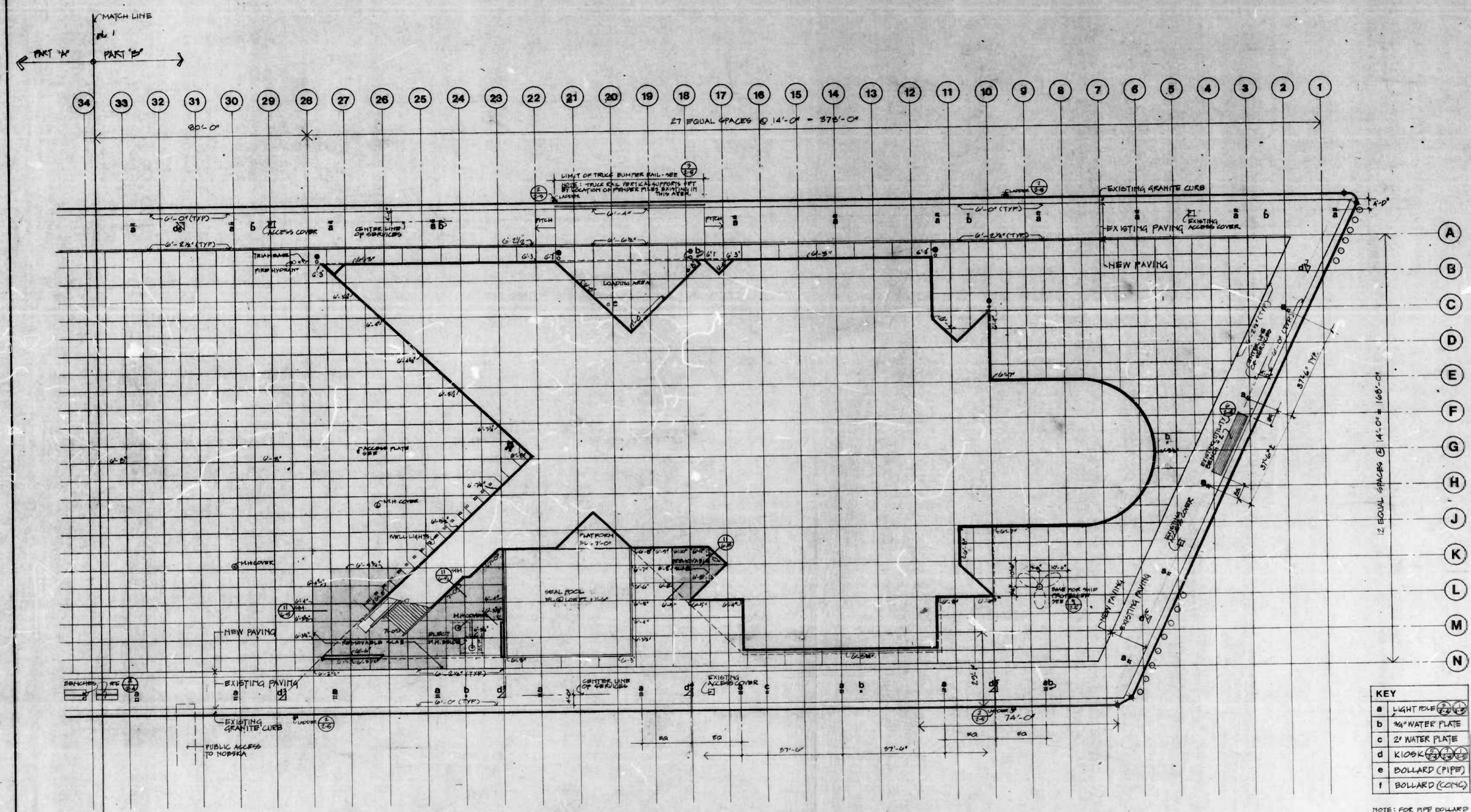
Cambridge Seven Associates, Inc.
 Architects
 Exhibit Designers
 100 Massachusetts Ave.
 Cambridge, Mass. 02138

Job number: 7427-06 Sheet 4 of 250
 Drawn by: J. BING
 Checked by: J. J.
 Date of original: 22 MAR 75
 Revised:

Baltimore Aquarium Contract 2

Site Plan Part 'A'

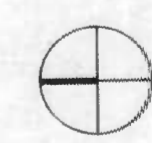




KEY

a	LIGHT RAIL
b	3/4" WATER PLATE
c	2" WATER PLATE
d	KIDOK (PIPE)
e	BOLLARD (PIPE)
f	BOLLARD (CONC)

NOTE: FOR PIPE BOLLARD
 "e" SEE DET.



Cambridge Seven Associates, Inc.

Cambridge Seven Associates, Inc. Architects Exhibit Designers 1000 Massachusetts Ave. Cambridge, Mass. 02138

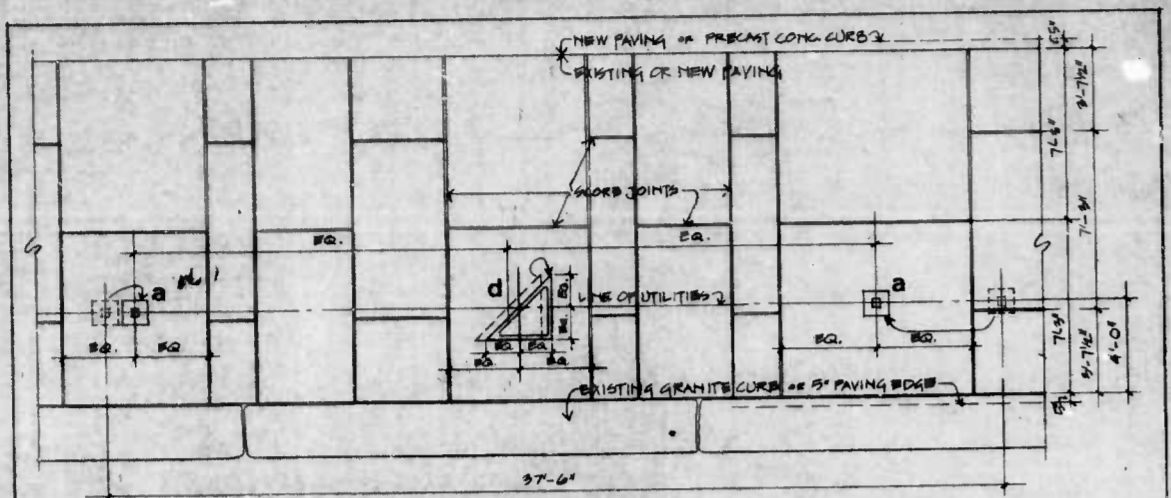
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 Drawn by: J. BINGE
 Checked by: J.J.
 Date of original: 22 MAR 76
 Revised:

Scale: 1/4" = 1'-0"
Baltimore Aquarium
 Contract 2

Site Plan Part 'B'



A2-3



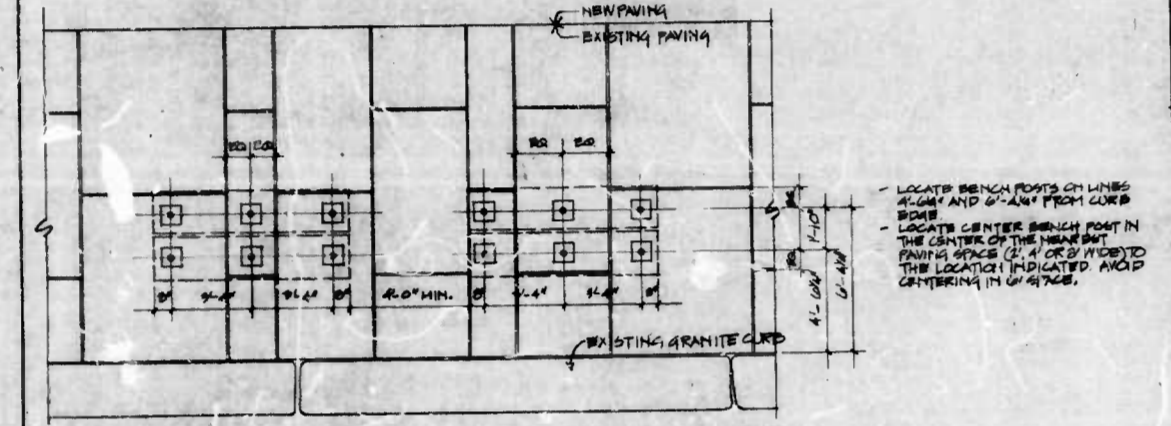
PLAN OF PAVING WITH LIGHT POLE AND KIOSK LOCATIONS
 FOR LOCATIONS AS DOTTED ABOVE. SEE SITE PLAN DWGS A2-2, A2-3

LOCATE LIGHT POLES AND KIOSKS ON LINE OF UTILITIES AND CENTER IN PAVING SQUARES WITH SQUARE SIDES TO 5' FROM CURB EDGE. AVOID SPACES WITH SQUARE SIDES 3'-7 1/2" FROM CURB EDGE.

THE ASSUMED DISTANCE BETWEEN TWO LIGHT POLES SHALL BE NO LESS THAN 30'-0" AND NO GREATER THAN 44'-0".

LOCATE THE KIOSKS 1'-0" WITHIN MIDPOINT BETWEEN THE TWO ADJACENT CURB EDGES AND CENTERED BETWEEN CURB JOINTS 7'-0" FROM CURB EDGE. AVOID CENTERING IN 3' SPACE.

NOTE - A FINAL LAYOUT SHALL BE PREPARED BASED ON THE LOCATION PROCEDURES DEVELOPED AND ADMITTED FOR APPROVAL.

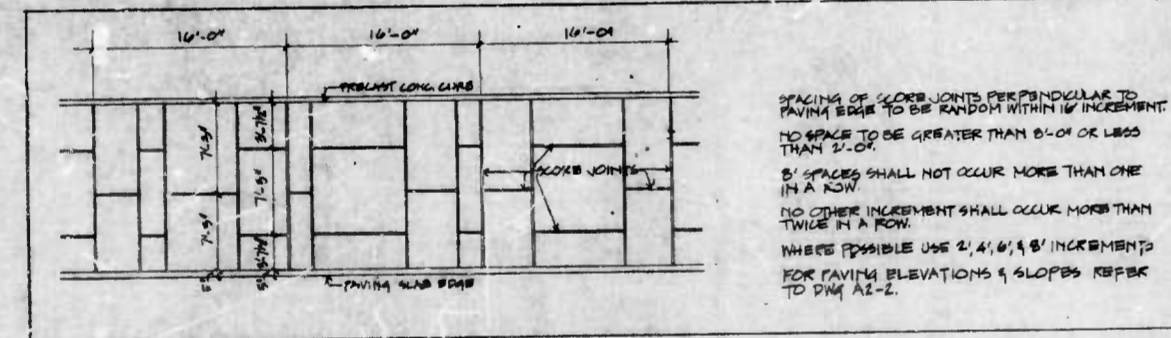


PLAN OF PAVING WITH BENCH LOCATIONS
 ADJUST LOCATIONS TO APPROXIMATE POSITIONS INDICATED ON SITE DWGS A2-2, A2-3

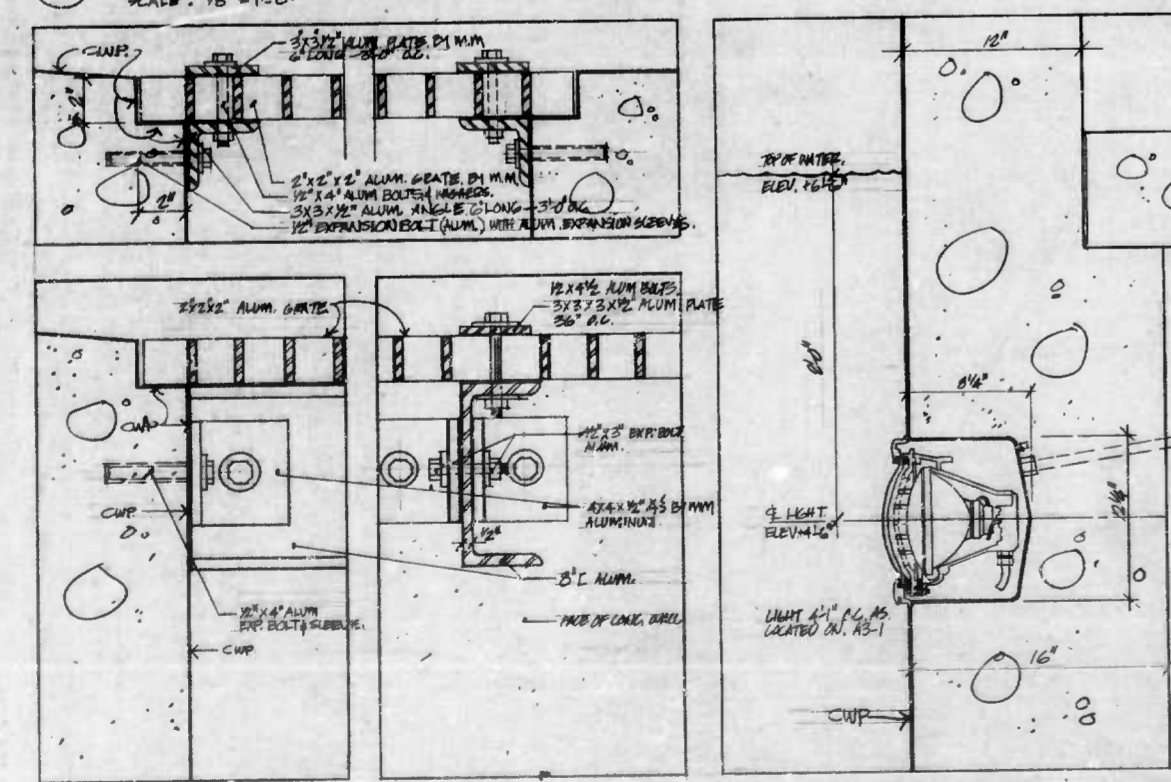
LOCATE BENCH POINTS ON LINE OF UTILITIES AND CENTER IN PAVING SQUARES WITH SQUARE SIDES TO 5' FROM CURB EDGE.

LOCATE CENTER BENCH POINT IN THE CENTER OF THE PAVING SQUARE WITHIN 2'-0" OF CURB EDGE AND CENTERED BETWEEN CURB JOINTS 7'-0" FROM CURB EDGE.

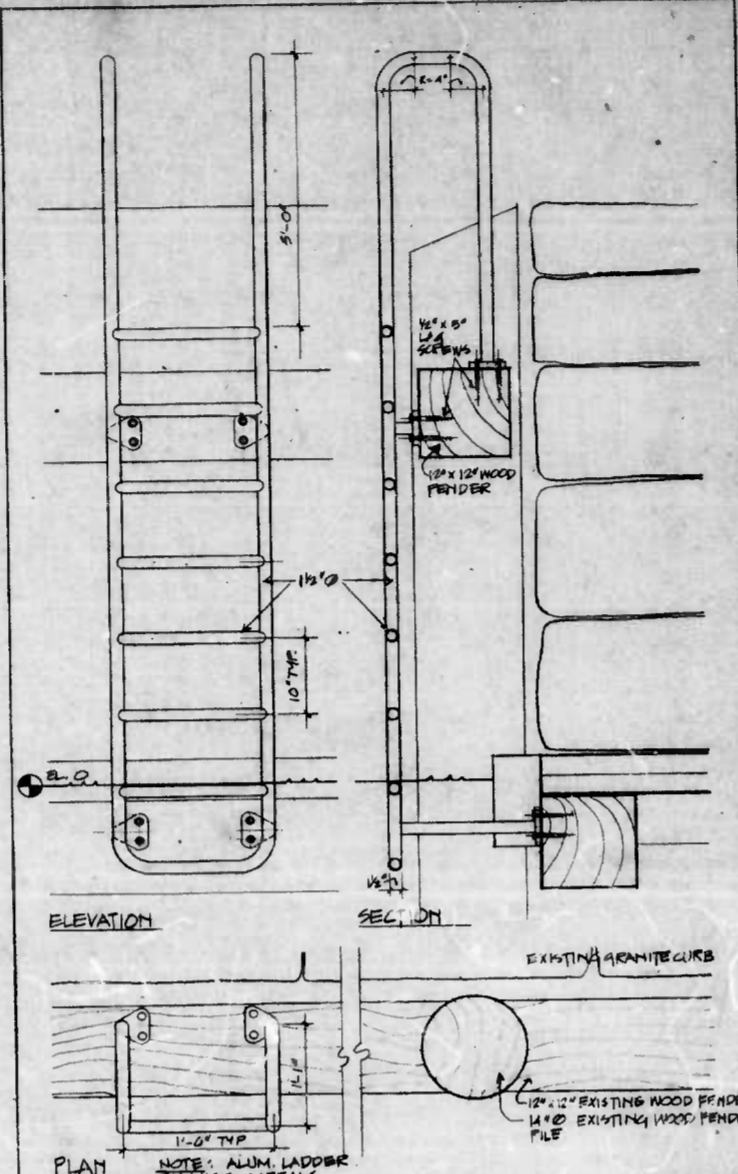
1 LIGHT POLE, KIOSK & BENCH LOCATIONS
 SCALE: 1/4" = 1'-0"



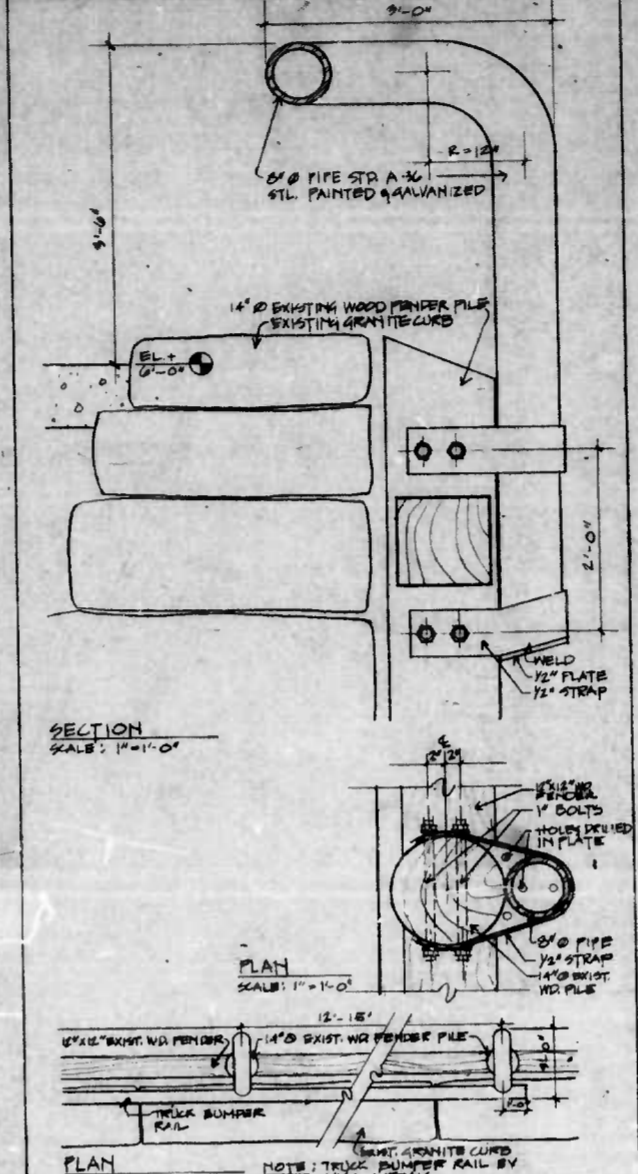
4 TYPICAL PAVING FOR NEW WALKWAY EXTENSION
 SCALE: 1/8" = 1'-0"



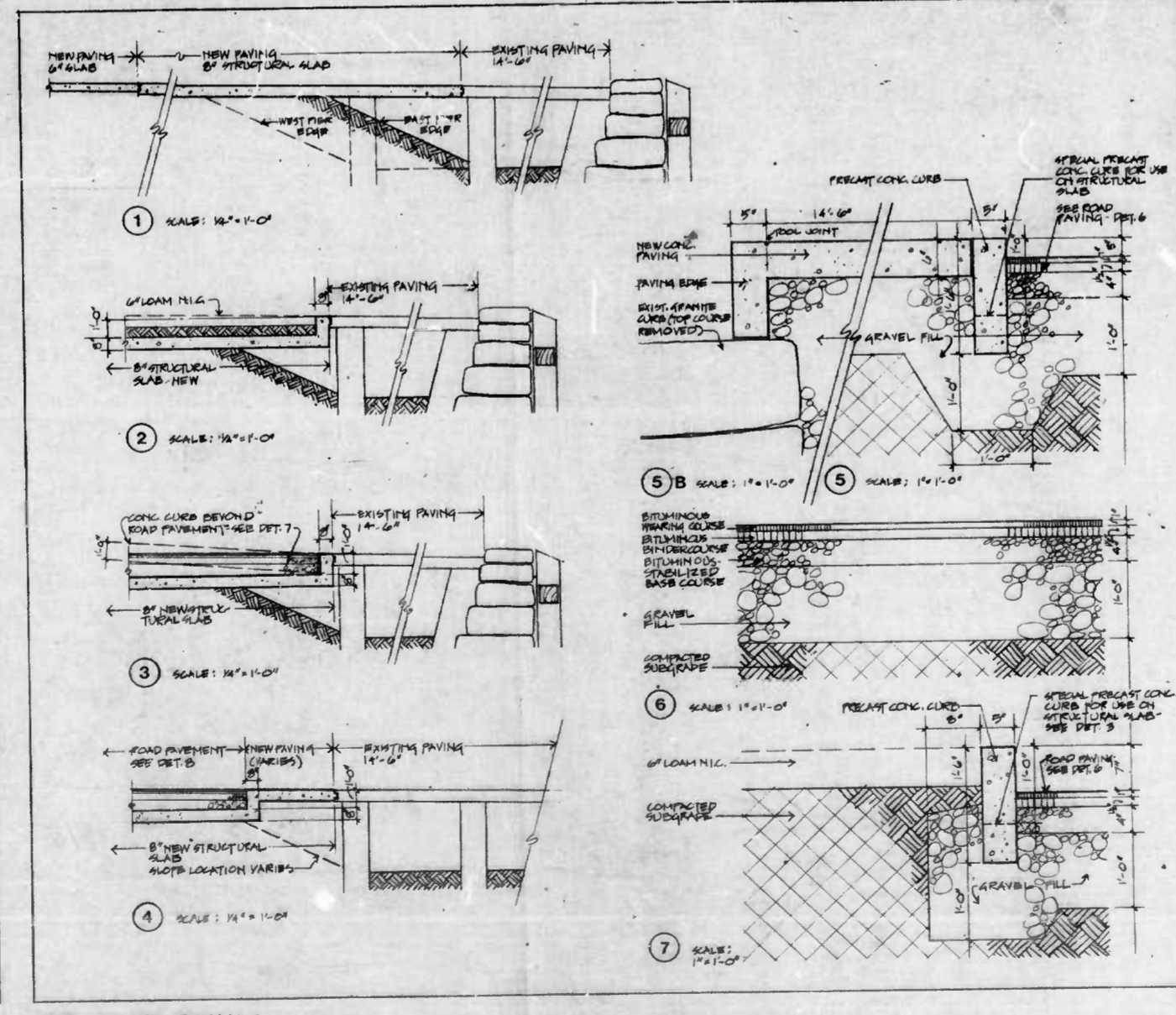
5 ALUMINUM GRATE DETAIL @ SEAL POOL
 SCALE: 3/8" = 1'-0"



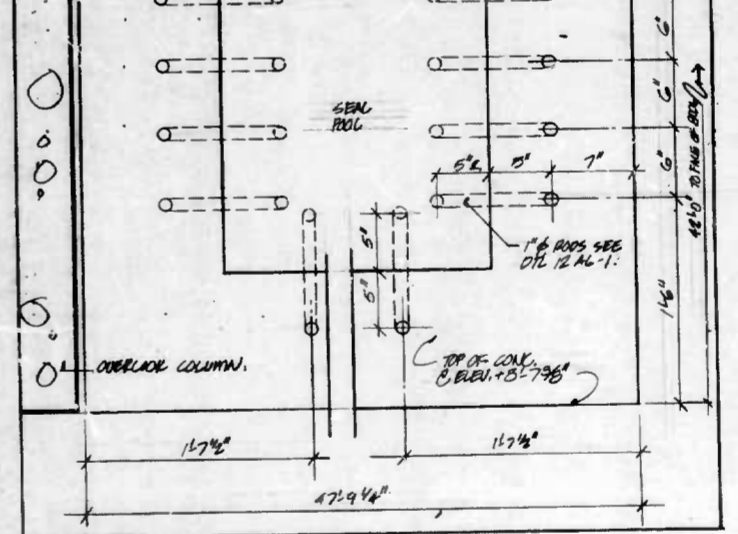
2 ALUMINUM LADDER
 SCALE: 1" = 1'-0"



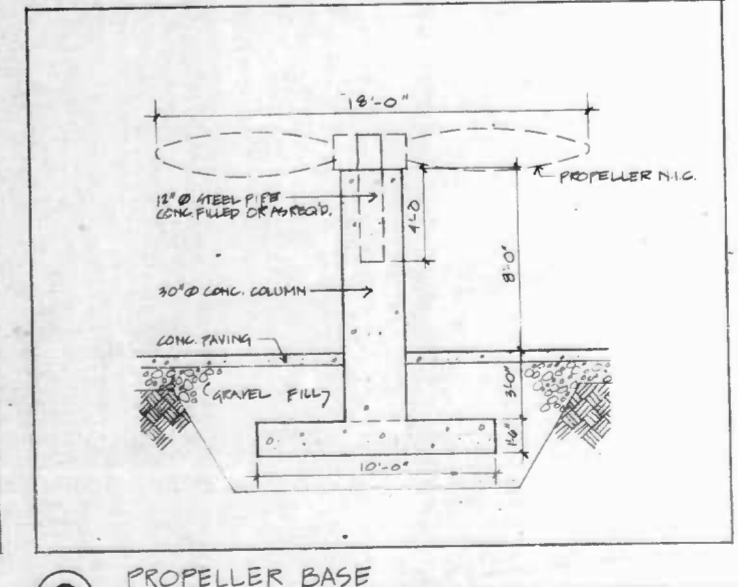
3 TRUCK BUMPER RAIL
 SCALE: AS NOTED



7 SITE DETAILS
 SCALE: AS NOTED



8 SEAL POOL RODS
 SCALE: 7/8" = 1'-0"



9 PROPELLER BASE
 SCALE: 1/4" = 1'-0"

Cambridge Seven Associates, Inc.

Cambridge Seven Associates, Inc.
 Architects
 Exhibit Designers
 1050 Massachusetts Ave.
 Cambridge, Mass. 02138

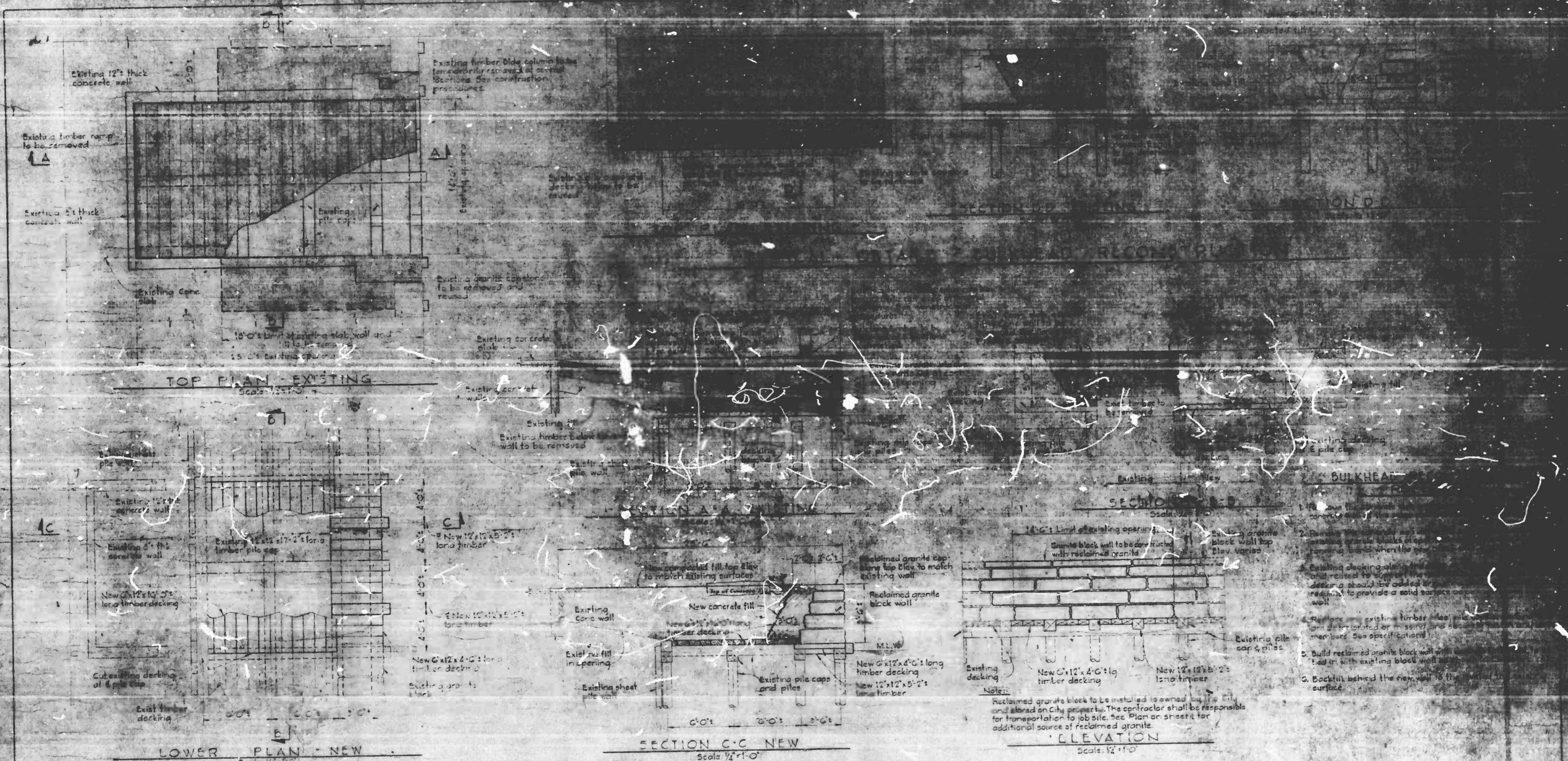
Job number: 7427-08 Sheet 7 of 250
 Drawn by: JSH/ML
 Checked by: JJI
 Date of original: 22 MAR 78
 Revised:

Scale: AS NOTED
Baltimore Aquarium

Site Details

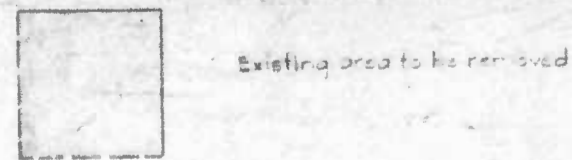


A2-5



TYPICAL DETAILS - RAMP OPENING REPAIRS

LEGEND



Notes:
 Reclaimed granite block to be installed is owned by the City and stored on City property. The contractor shall be responsible for transportation to job site. See Plan or sheets for additional source of reclaimed granite.

- BULKHEAD**
1. Remove existing concrete bulkhead wall.
 2. Remove existing timber decking and pile caps.
 3. Existing decking shall be removed and replaced with new decking. Existing decking should be added in places necessary to provide a solid surface over well.
 4. Replace existing timber pile caps and members. See specifications.
 5. Build reclaimed granite block wall with tie in with existing block wall.
 6. Backfill behind the new wall to the surface.

PIER 3 INNER HARBOR EAST
 DEPARTMENT OF HOUSING AND COMMUNITY DEVELOPMENT
 CHARLES CENTER - INNER HARBOR MANAGEMENT INC.

Whitman, Requardt And Associates
 Engineers
 1304 St. Paul Street
 Baltimore, Maryland 21202

AS BUILT DRAWINGS



TYPICAL DETAILS
 RAMP OPENING REPAIRS
 AND BULKHEAD
 RECONSTRUCTION