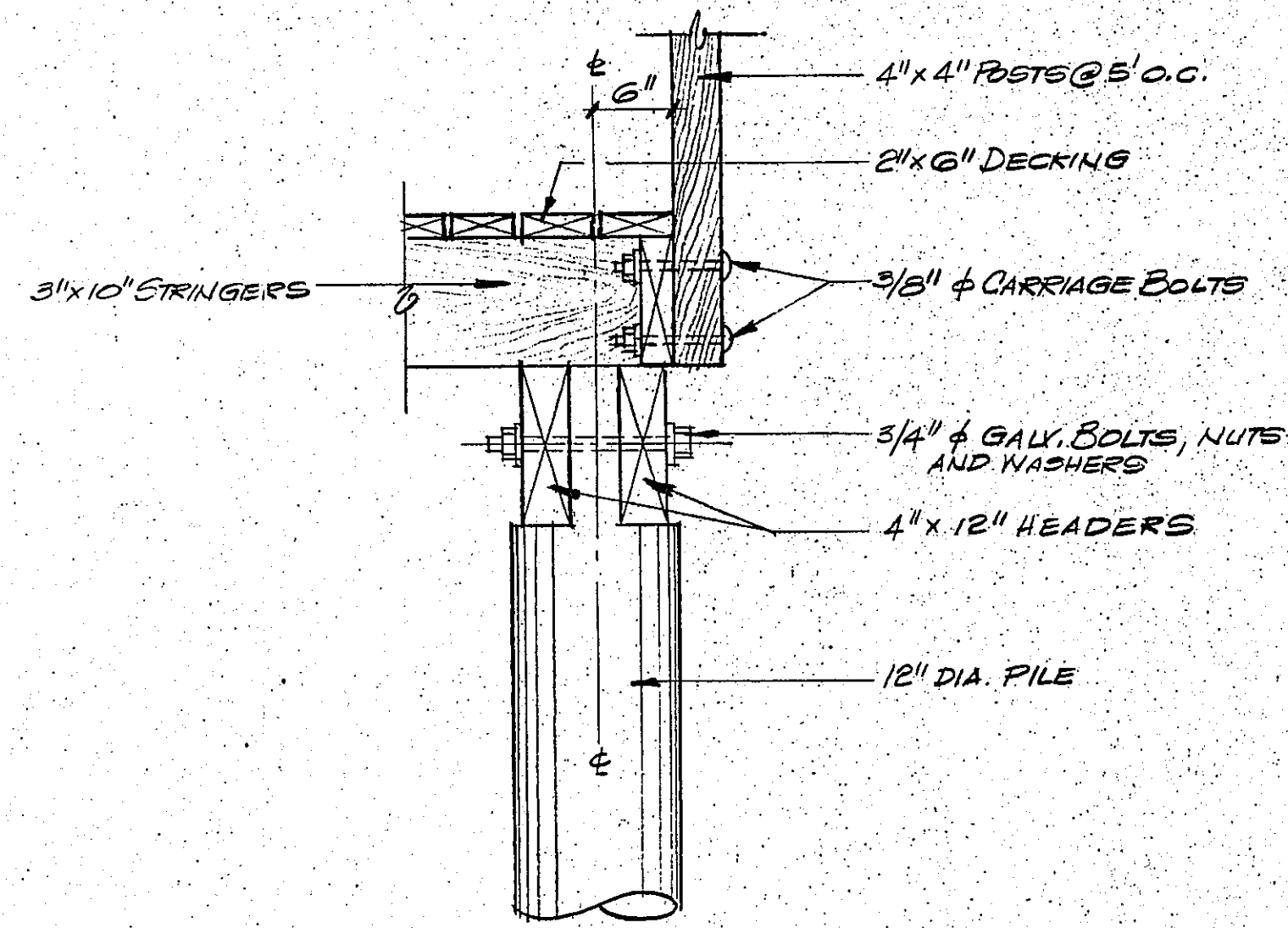
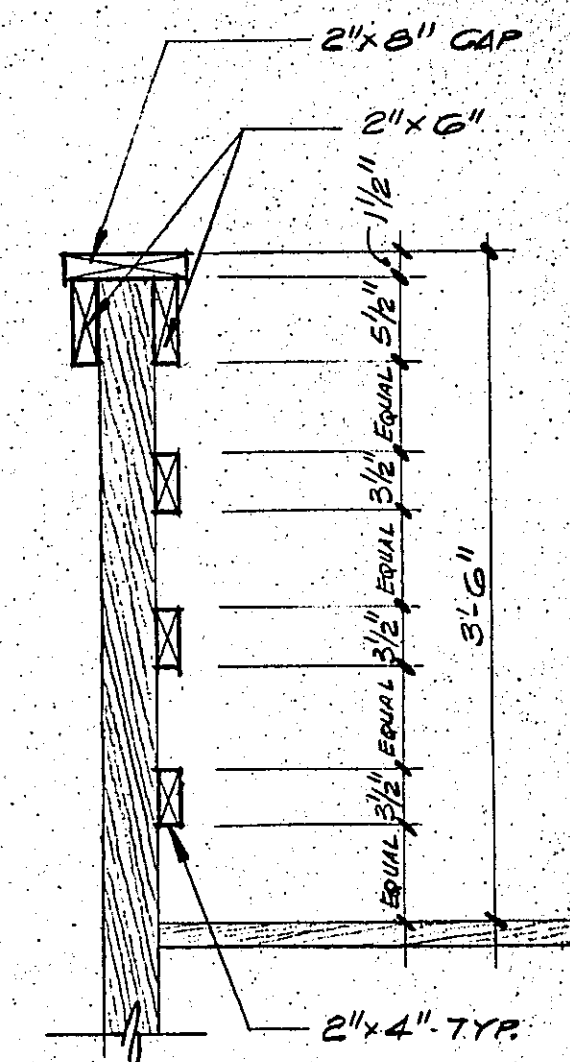


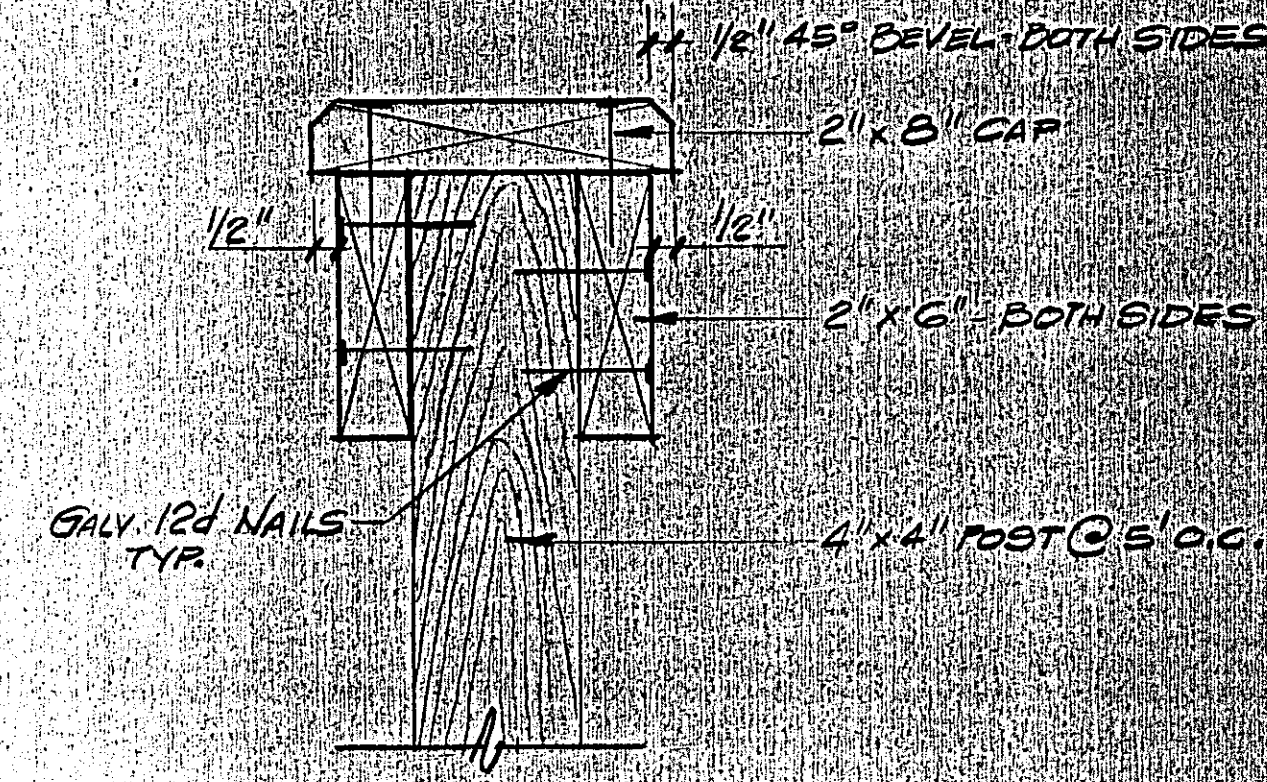
Post Connection Detail  
SCALE: 1"=1'-0"



Intermediate Connection Detail  
SCALE: 1"=1'-0"



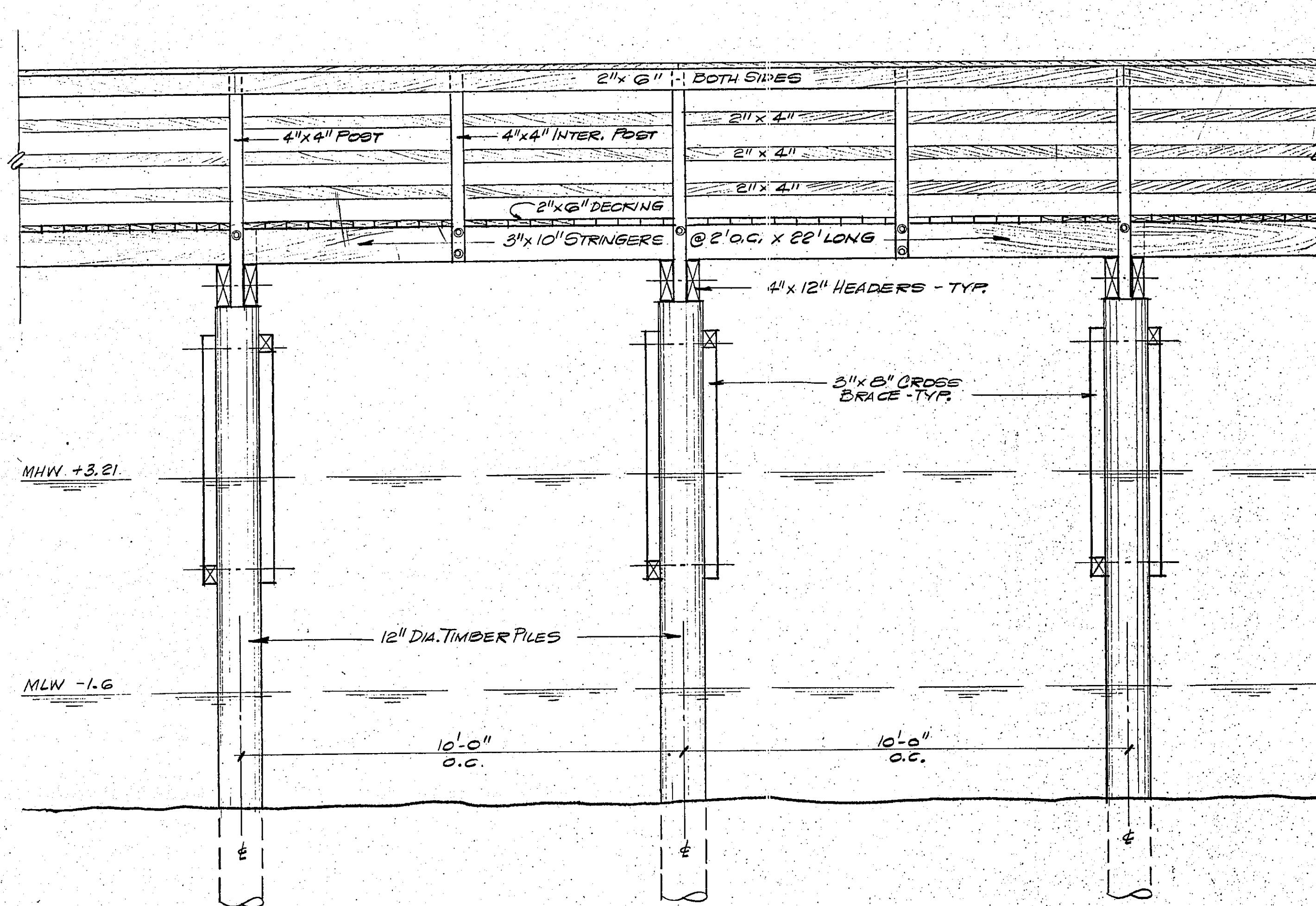
Post Detail  
SCALE: 1"=1'-0"



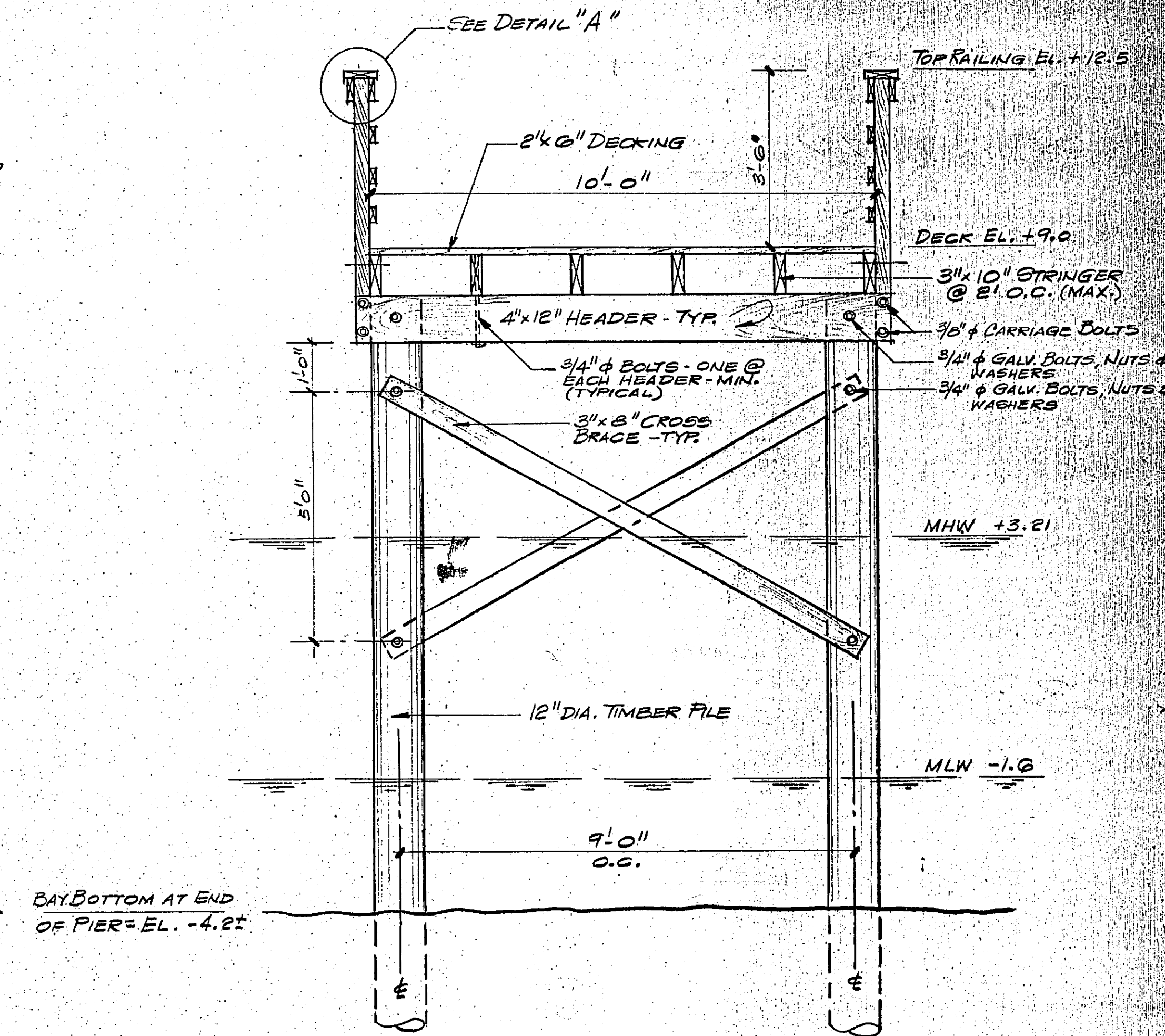
DETAIL "A"  
SCALE: 3/4"=1'-0"

GENERAL NOTES:

1. ALL BOLTS, NUTS, WASHERS AND NAILS SHALL BE HOT-DIPPED GALVANIZED AFTER FABRICATION.
2. ALL NAILS SHALL BE DRIVEN SO HEADS ARE SET FLUSH WITH SURFACE OF LUMBER.
3. ALL FRAMING LUMBER INCLUDING HEADERS, STRINGERS, DECKING, STAIRS AND RAILING MEMBERS SHALL BE C.C.A. PRESSURE TREATED LUMBER AT A RATE OF 0.40 LBS./CU.FT. RETENTION.
4. PILES SHALL BE SOUTHERN YELLOW PINE AND C.C.A. PRESSURE TREATED AT A RATE OF 1.00 LBS./CU.FT. RETENTION.
5. 2" x 6" DECKING SHALL BE NAILED TO STRINGERS USING 16d HOT-DIPPED GALVANIZED COMMON NAILS USING THREE (3) NAILS AT ENDS AND BUTT JOINTS AND TWO (2) NAILS AT INTERMEDIATE LOCATIONS. NAILS TO BE SET FLUSH WITH FINISHED DECKING. ALL JOINTS TO BE STAGGERED. PROVIDE 1/2" SPACE BETWEEN 2" x 6" DECKING.
6. 3" x 10" STRINGERS TO BE SET AT 2'-0" O.C. x 22' LONG. STAGGER AND LAP 12" MIN. AT PILES.



Pier Elevation  
SCALE: 1/2"=1'-0"



Pier Typical Section  
SCALE: 1/2"=1'-0"

GREEN ACRES TRUST FUND NO. 1331-88-051

NO.	DATE	DESCRIPTION	BY	APP'D
REVISIONS				
DESIGNED BY	DRAWN BY	CHKD. BY	FILE LOC.	FILE BK. NO.
F.F.D.	F.F.D.	V.Z.R.		

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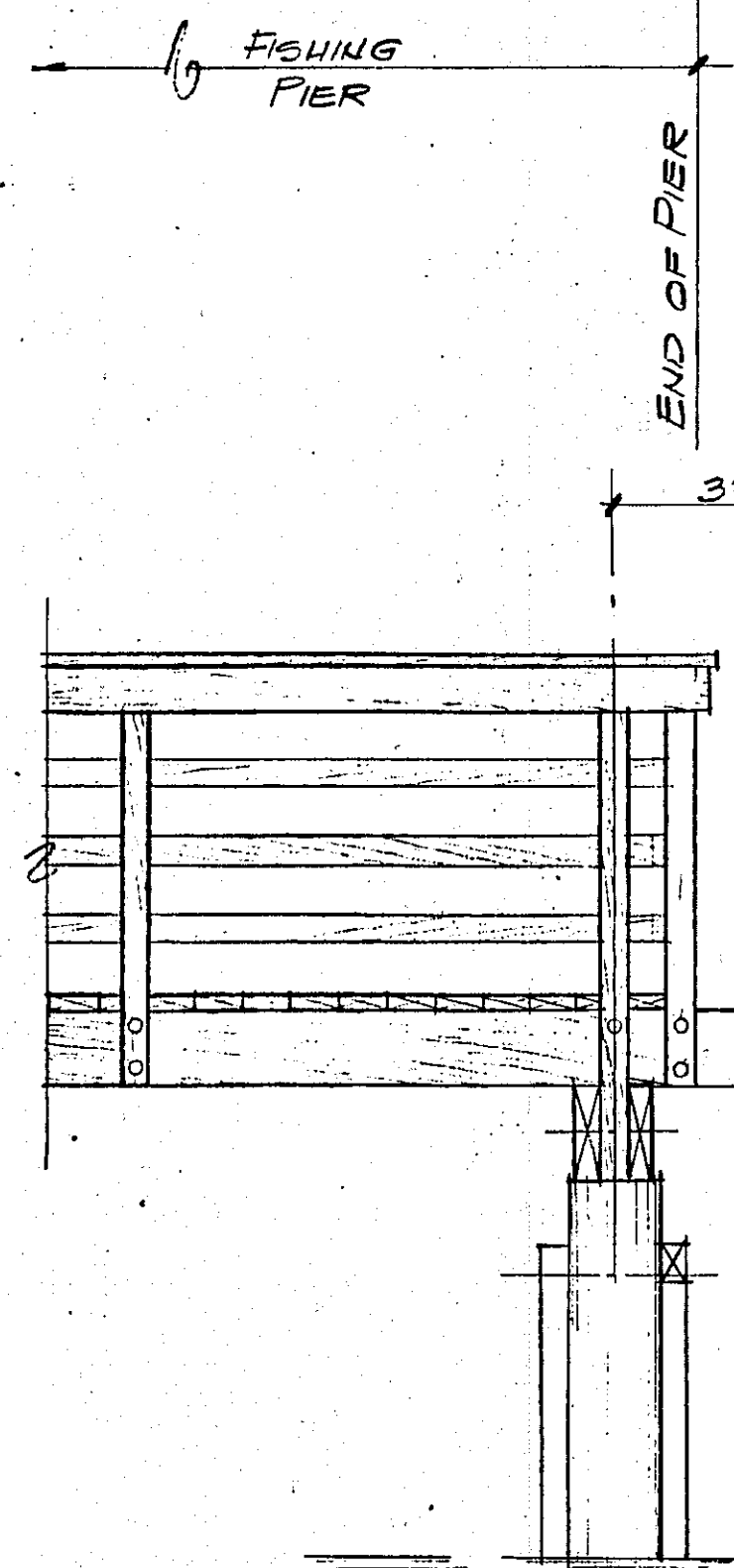
**WILLIAM P. FARRELL, JR., P.E.**  
 ACTING MIDDLETOWN TOWNSHIP ENGINEER  
*William P. Farrell, Jr.* 10/7/91  
 REGISTERED PROFESSIONAL ENGINEER AND LAND SURVEYOR  
 LICENSE NO. 15528 STATE N.J.

MIDDLETOWN TOWNSHIP  
 MONMOUTH COUNTY  
 NEW JERSEY

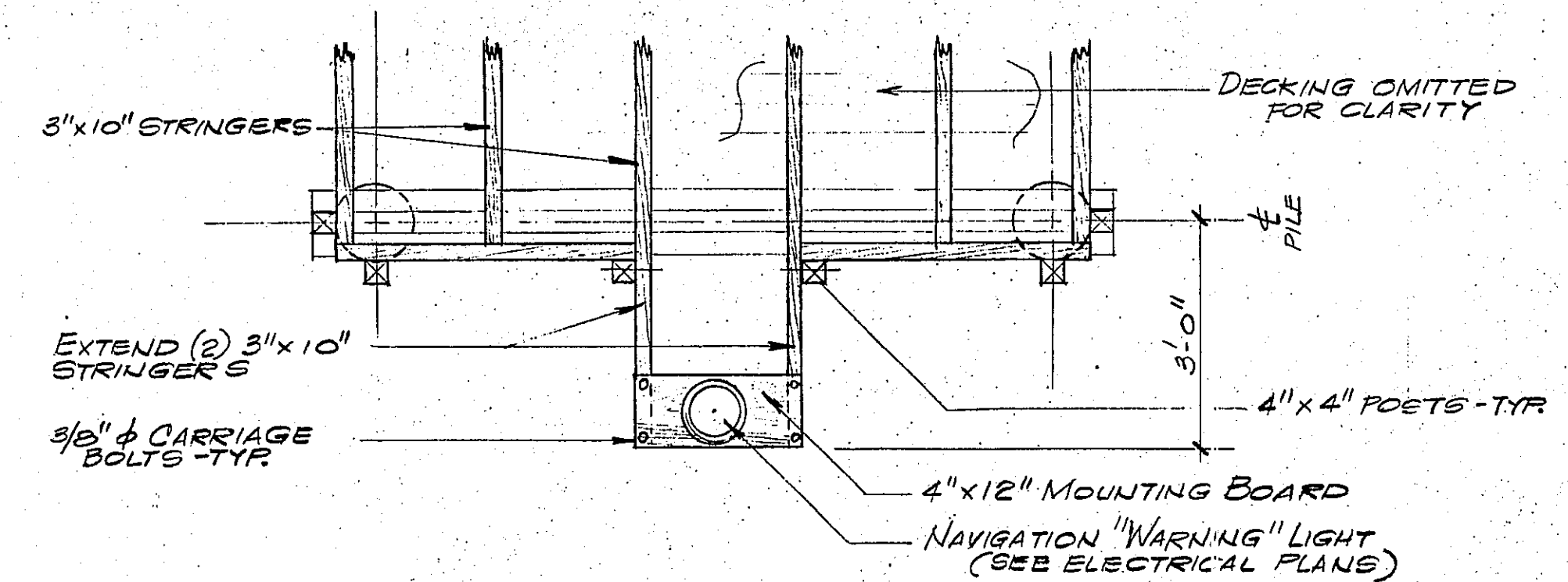
PORT MONMOUTH BEACH IMPROVEMENTS

FISHING PIER  
 TYPICAL SECTION & DETAILS

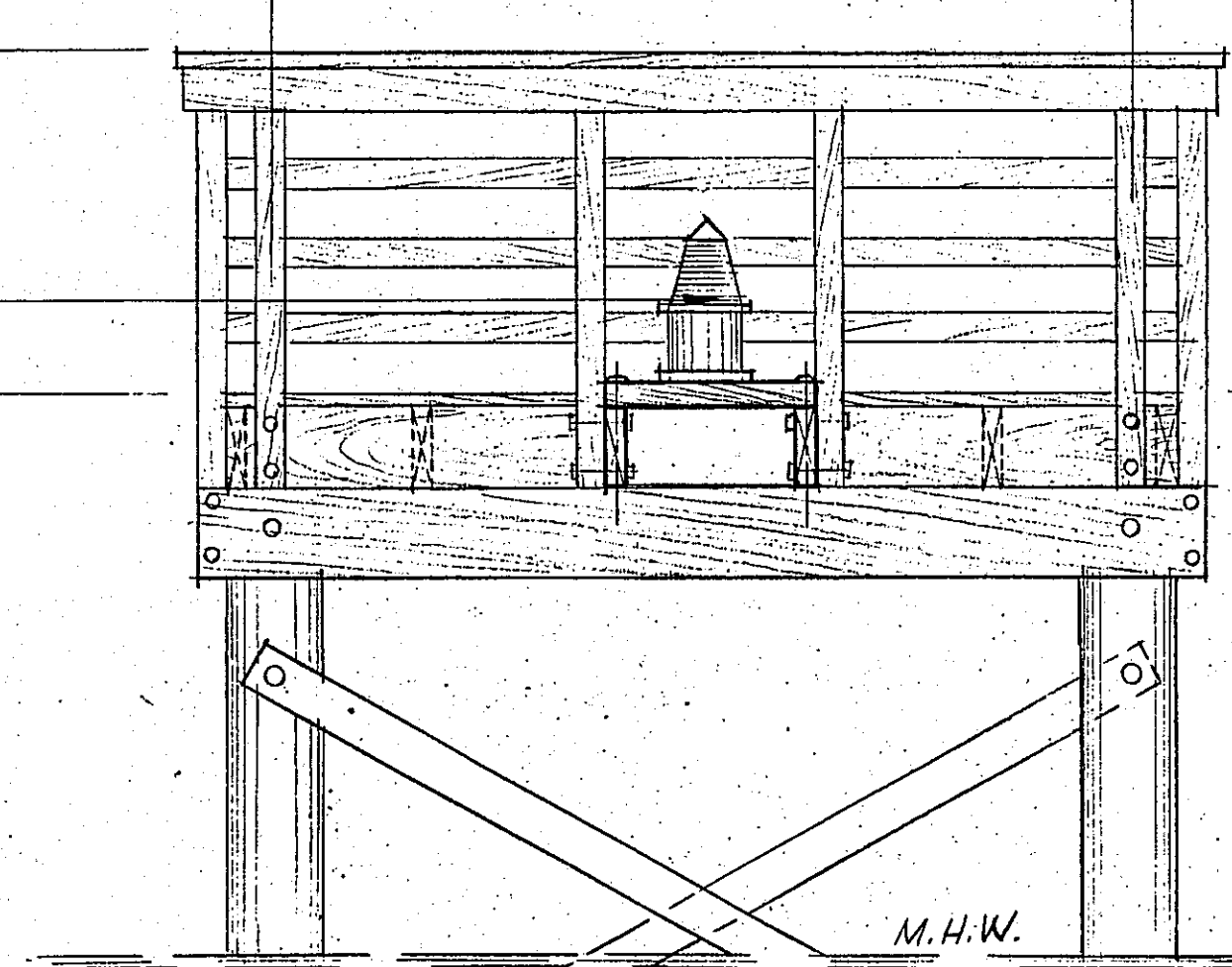
DWG. NO. MDD.0703.00010  
 SHEET NO. 12  
 OF 18



SIDE VIEW

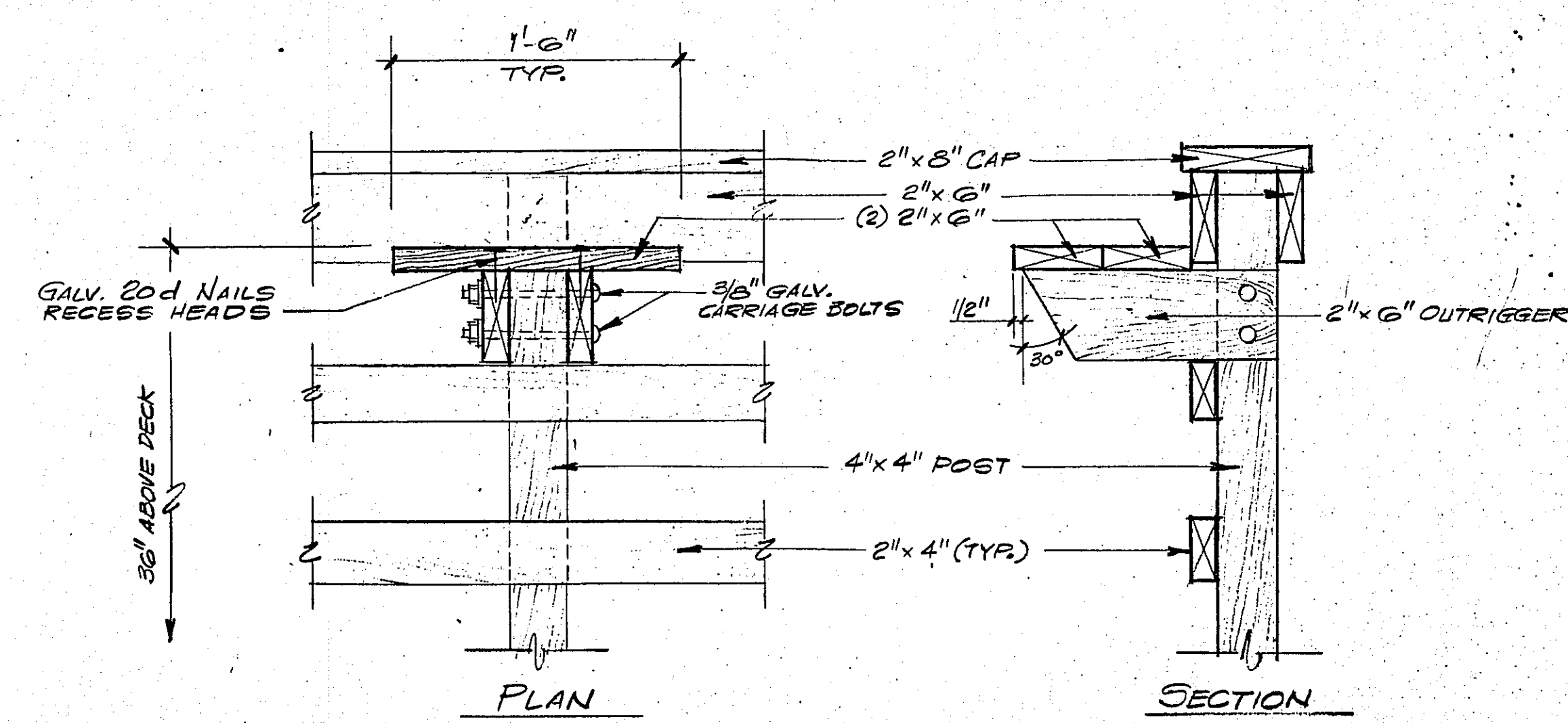


PLAN



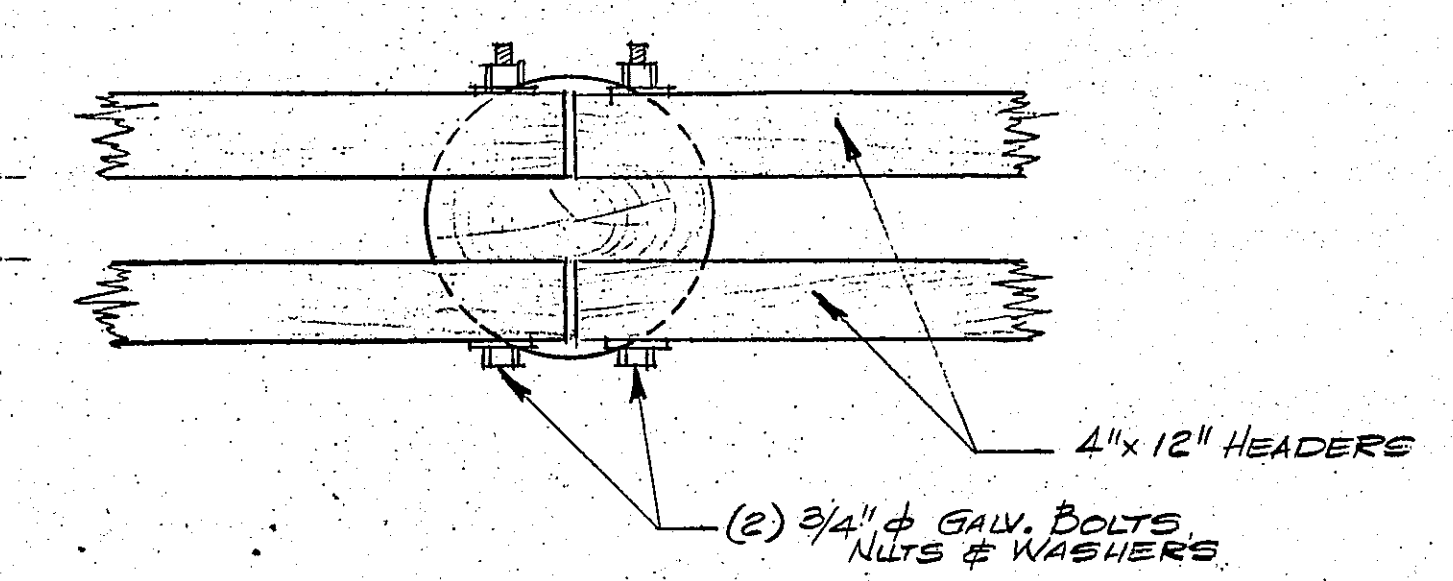
END VIEW

"WARNING" LIGHT MOUNT DETAILS  
SCALE: 1/2" = 1'-0"

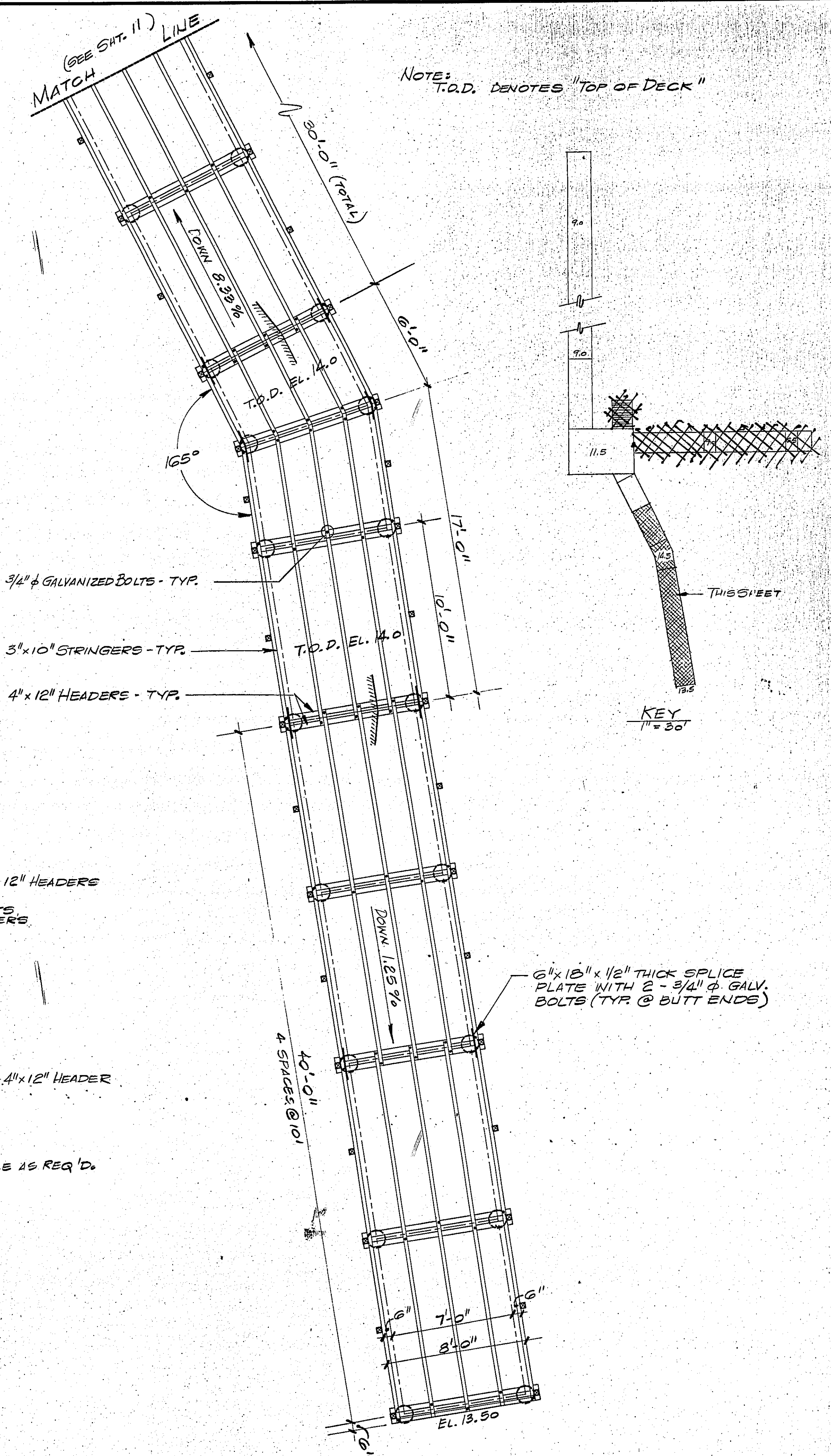


DETAIL - BAIT CUTTING BOARDS  
SCALE: 1/2" = 1'-0"

NOTE:  
CONSTRUCT EIGHT (8) BAIT CUTTING BOARDS  
AT 25' O.C. STAGGERED FROM END OF FISHING  
PIER TOWARDS THE SHORELINE.



HEADER TO PILE  
CONNECTION DETAIL  
SCALE: 1/2" = 1'-0"



NOTE:  
T.O.D. DENOTES "TOP OF DECK"

KEY  
1" = 30'

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GREEN TRUST FUND NO. 1331 - 88 - 051

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F.F.D.	F.F.D.	V.Z.R.		N/A

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**WILLIAM P. FARRELL, JR., P.E.**

*William P. Farrell, Jr.* 10/7/91

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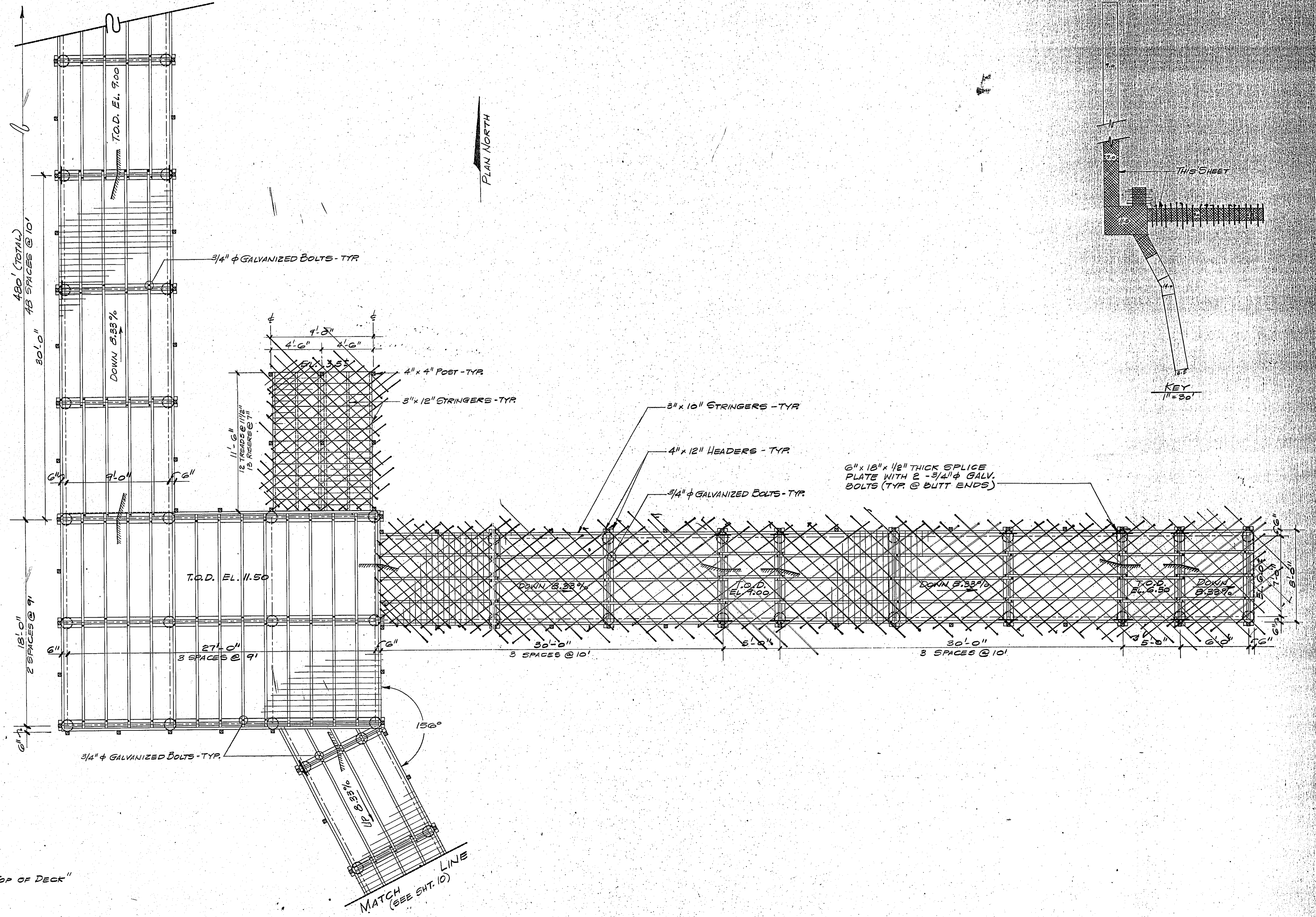
MIDDLETOWN TOWNSHIP  
 MONMOUTH COUNTY  
 NEW JERSEY

PORT MONMOUTH BEACH IMPROVEMENTS

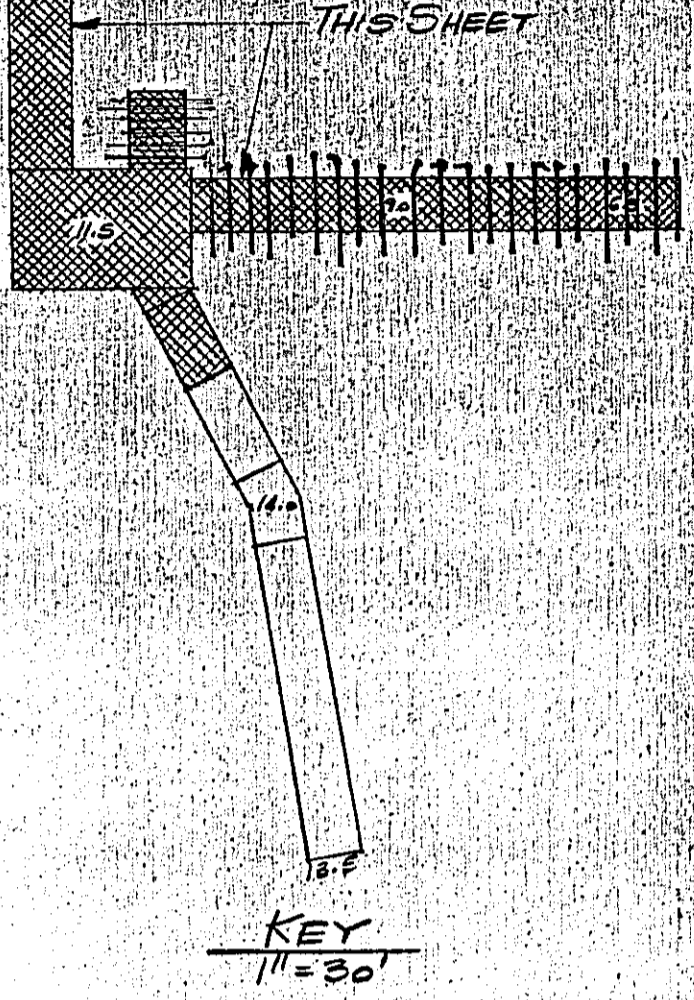
FISHING PIER  
 PLAN AND DETAILS

DWG. NO.  
 MIDD 0703 00010

SHEET NO.  
**10**  
 OF 18



PLAN NORTH



NOTE: T.O.D. DENOTES "TOP OF DECK"

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GREEN TRUST FUND NO. 1331-88-051

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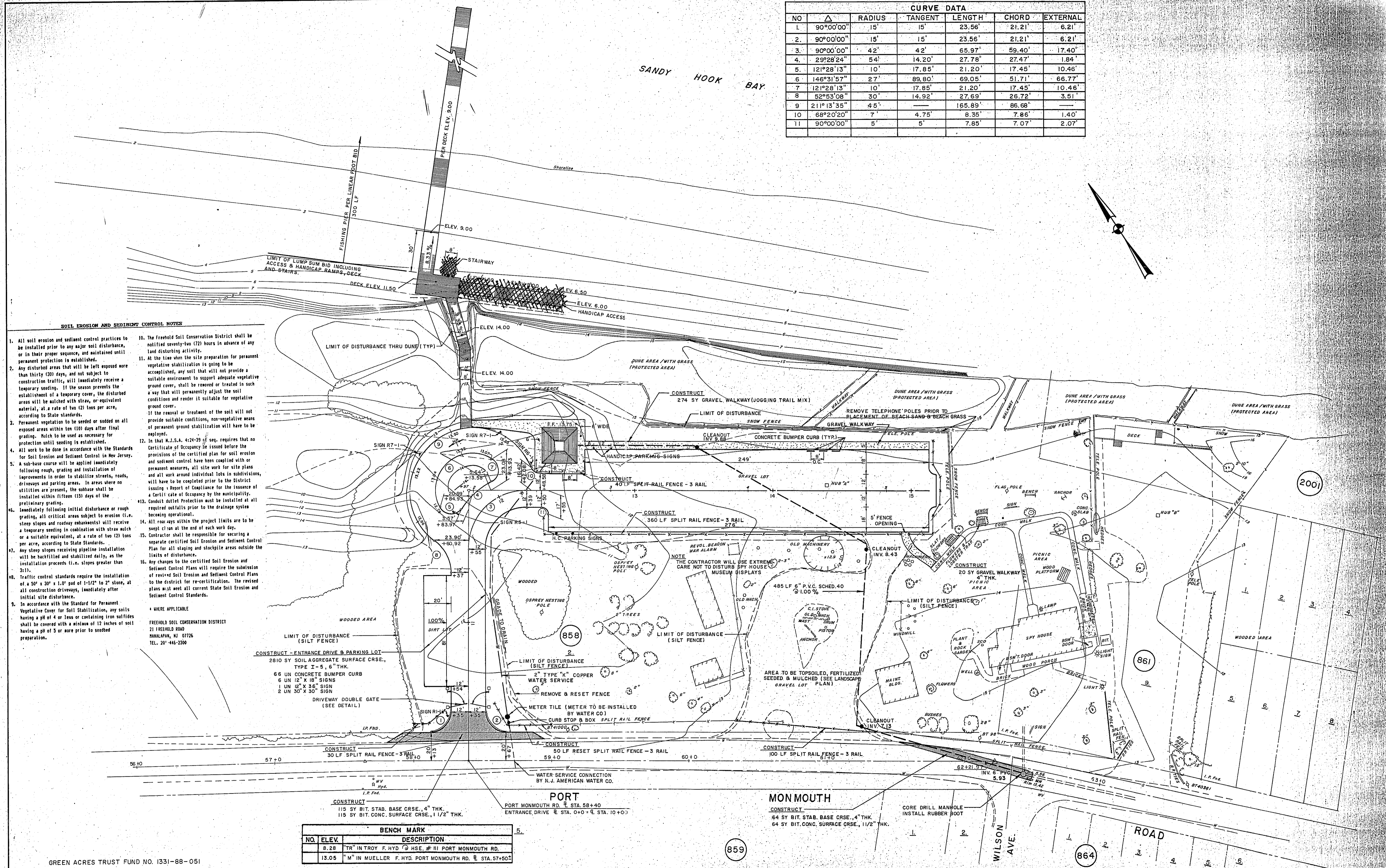
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MIDDLETOWN TOWNSHIP  
 MONMOUTH COUNTY  
 NEW JERSEY

PORT MONMOUTH BEACH IMPROVEMENTS  
 FISHING PIER  
 PLAN AND DETAILS

DWG. NO.  
 MIDD 0783 00010  
 SHEET NO.  
 11  
 OF 18

CURVE DATA						
NO	Δ	RADIUS	TANGENT	LENGTH	CHORD	EXTERNAL
1.	90°00'00"	15'	15'	23.56'	21.21'	6.21'
2.	90°00'00"	15'	15'	23.56'	21.21'	6.21'
3.	90°00'00"	42'	42'	65.97'	59.40'	17.40'
4.	29°28'24"	54'	14.20'	27.78'	27.47'	1.84'
5.	121°28'13"	10'	17.85'	21.20'	17.45'	10.46'
6.	146°31'57"	27'	89.80'	69.05'	51.71'	66.77'
7.	121°28'13"	10'	17.85'	21.20'	17.45'	10.46'
8.	52°53'08"	30'	14.92'	27.69'	26.72'	3.51'
9.	211°13'35"	45'	—	165.89'	86.68'	—
10.	68°20'20"	7'	4.75'	8.35'	7.86'	1.40'
11.	90°00'00"	5'	5'	7.85'	7.07'	2.07'



- SOIL EROSION AND SEDIMENT CONTROL NOTES**
- All soil erosion and sediment control practices to be installed prior to any major soil disturbance, or in their proper sequence, and maintained until permanent protection is established.
  - Any disturbed areas that will be left exposed more than thirty (30) days, and not subject to construction traffic, will immediately receive a temporary seeding. If the season prevents the establishment of a temporary cover, the disturbed areas will be mulched with straw, or equivalent material, at a rate of two (2) tons per acre, according to State standards.
  - Permanent vegetation to be seeded or sodded on all exposed areas within ten (10) days after final grading. Mulch to be used as necessary for protection until seeding is established.
  - All work to be done in accordance with the Standards for Soil Erosion and Sediment Control in New Jersey.
  - A sub-base course will be applied immediately following rough grading and installation of improvements in order to stabilize streets, roads, driveways and parking areas. In areas where no utilities are present, the subbase shall be installed within fifteen (15) days of the preliminary grading.
  - Immediately following initial disturbance or rough grading, all critical areas subject to erosion (i.e. steep slopes and roadway embankments) will receive a temporary seeding in combination with straw mulch or a suitable equivalent, at a rate of two (2) tons per acre, according to State Standards.
  - Any steep slopes receiving pipeline installation will be backfilled and stabilized daily, as the installation proceeds (i.e. slopes greater than 3:1).
  - Traffic control standards require the installation of a 50' x 20' x 1.0' pad of 1-1/2" to 2" stone, at all construction driveways, immediately after initial site disturbance.
  - In accordance with the Standard for Permanent Vegetative Cover for Soil Stabilization, any soils having a pH of 4 or less or containing iron sulfides shall be covered with a minimum of 12 inches of soil having a pH of 5 or more prior to seeding preparation.
  - The Freehold Soil Conservation District shall be notified seventy-two (72) hours in advance of any land disturbing activity.
  - At the time when the site preparation for permanent vegetative stabilization is going to be accomplished, any soil that will not provide a suitable environment to support adequate vegetative ground cover, shall be removed or treated in such a way that will permanently adjust the soil conditions and render it suitable for vegetative ground cover. If the removal or treatment of the soil will not provide suitable conditions, non-vegetative means of permanent ground stabilization will have to be employed.
  - In that N.J.S.A. 4:24-39 et seq. requires that no Certificate of Occupancy be issued before the provisions of the certified plan for soil erosion and sediment control have been complied with or permanent measures, all site work for site plans and all work around individual lots in subdivisions, will have to be completed prior to the District issuing a Report of Compliance for the issuance of a Certificate of Occupancy by the municipality.
  - Conduit Outlet Protection must be installed at all required outfalls prior to the drainage system becoming operational.
  - All row signs within the project limits are to be swept clean at the end of each work day.
  - Contractor shall be responsible for securing a separate certified Soil Erosion and Sediment Control Plan for all staging and stockpile areas outside the limits of disturbance.
  - Any changes to the certified Soil Erosion and Sediment Control Plans will require the submission of revised Soil Erosion and Sediment Control Plans to the district for re-certification. The revised plans must meet all current State Soil Erosion and Sediment Control Standards.
- WHERE APPLICABLE  
 FREEHOLD SOIL CONSERVATION DISTRICT  
 21 FREEHOLD ROAD  
 MANALAPAN, NJ 07726  
 TEL. 201-446-2300

BENCH MARK		
NO.	ELEV.	DESCRIPTION
8.28	TR IN TROY F. HYD. HSE. # III PORT MONMOUTH RD.	
13.05	M IN MUELLER F. HYD. PORT MONMOUTH RD. STA. 57+50.2	

GREEN ACRES TRUST FUND NO. I331-88-051

NO.	DATE	DESCRIPTION	BY	APPD.
REVISIONS				
DESIGNED BY	DRAWN BY	CHK. BY	FILE LOC.	FLD. BK. NO.

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*William P. Farrell, Jr.* 10/7/91  
 (SIGNATURE) (DATE)

REGISTERED PROFESSIONAL ENGINEER AND LAND SURVEYOR  
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**MIDDLETOWN TOWNSHIP**  
**MONMOUTH COUNTY**  
**NEW JERSEY**

**PORT MONMOUTH BEACH IMPROVEMENTS**

**CONSTRUCTION PLAN**  
**SOIL EROSION & SEDIMENT CONTROL PLAN**

SCALE: 1" = 30'

DWG. NO. MIDD 0703.00010  
 SHEET NO. **3**  
 OF 18