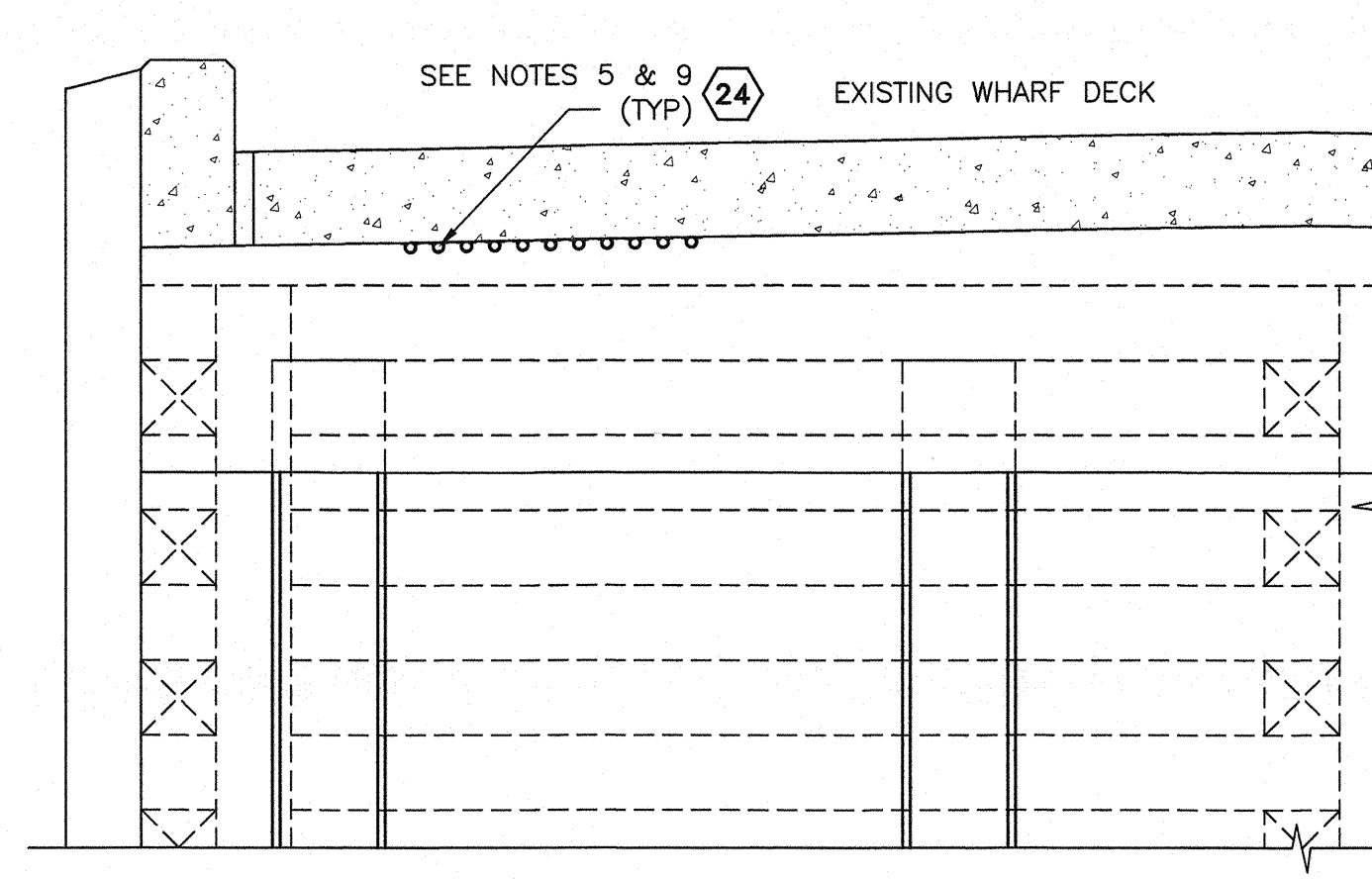


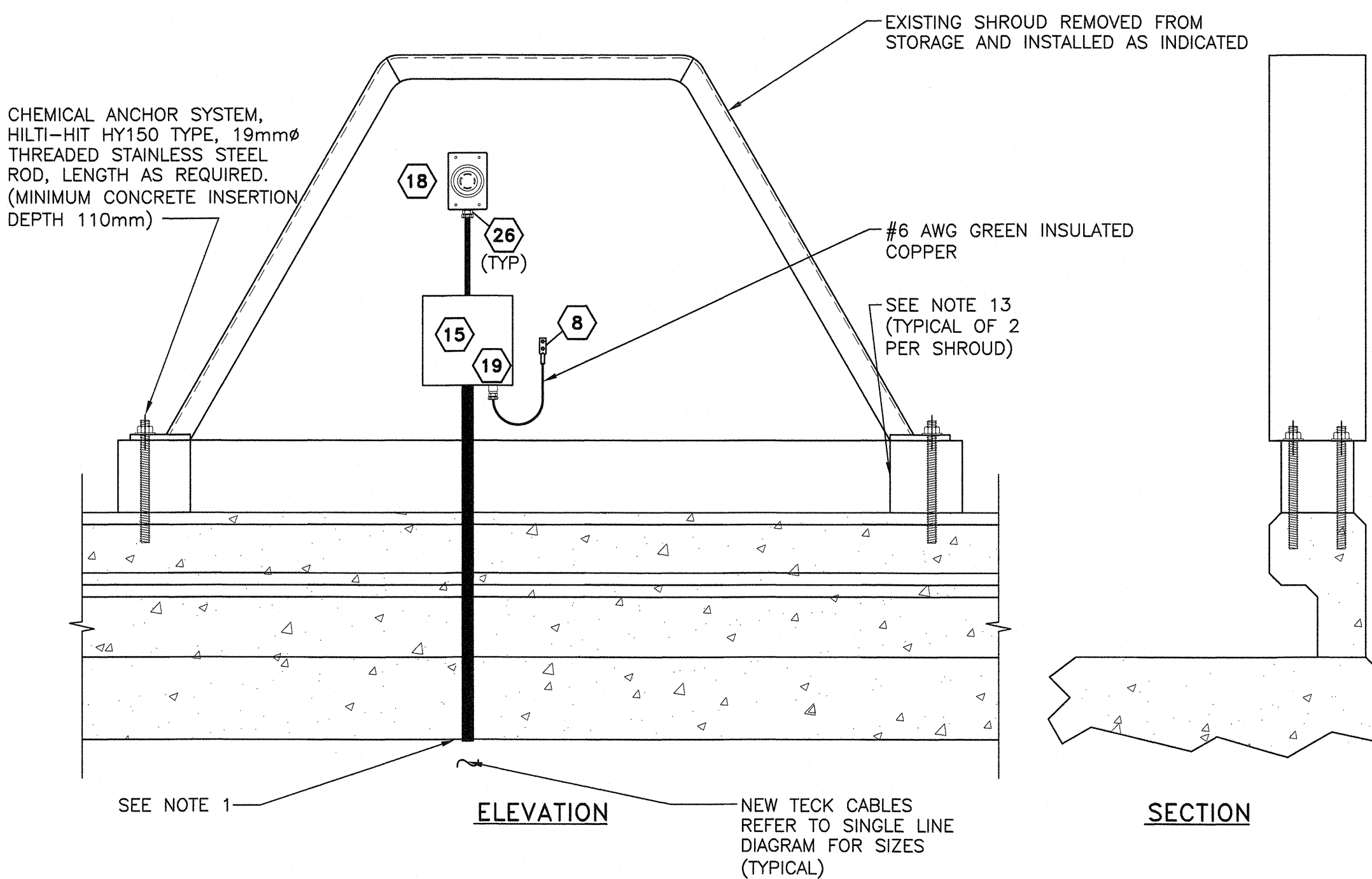
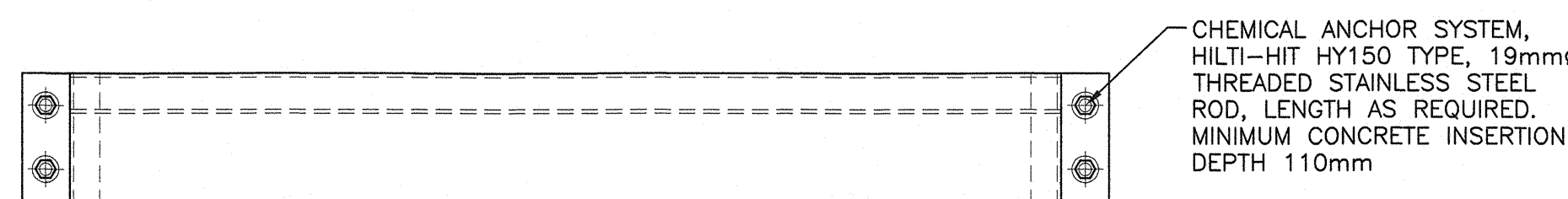
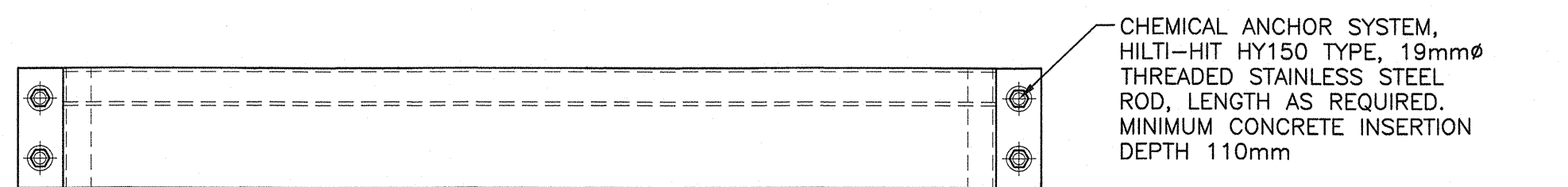
UNDERGROUND CONCRETE ENCASED DUCT BANK LAYOUT

SCALE : 1:10



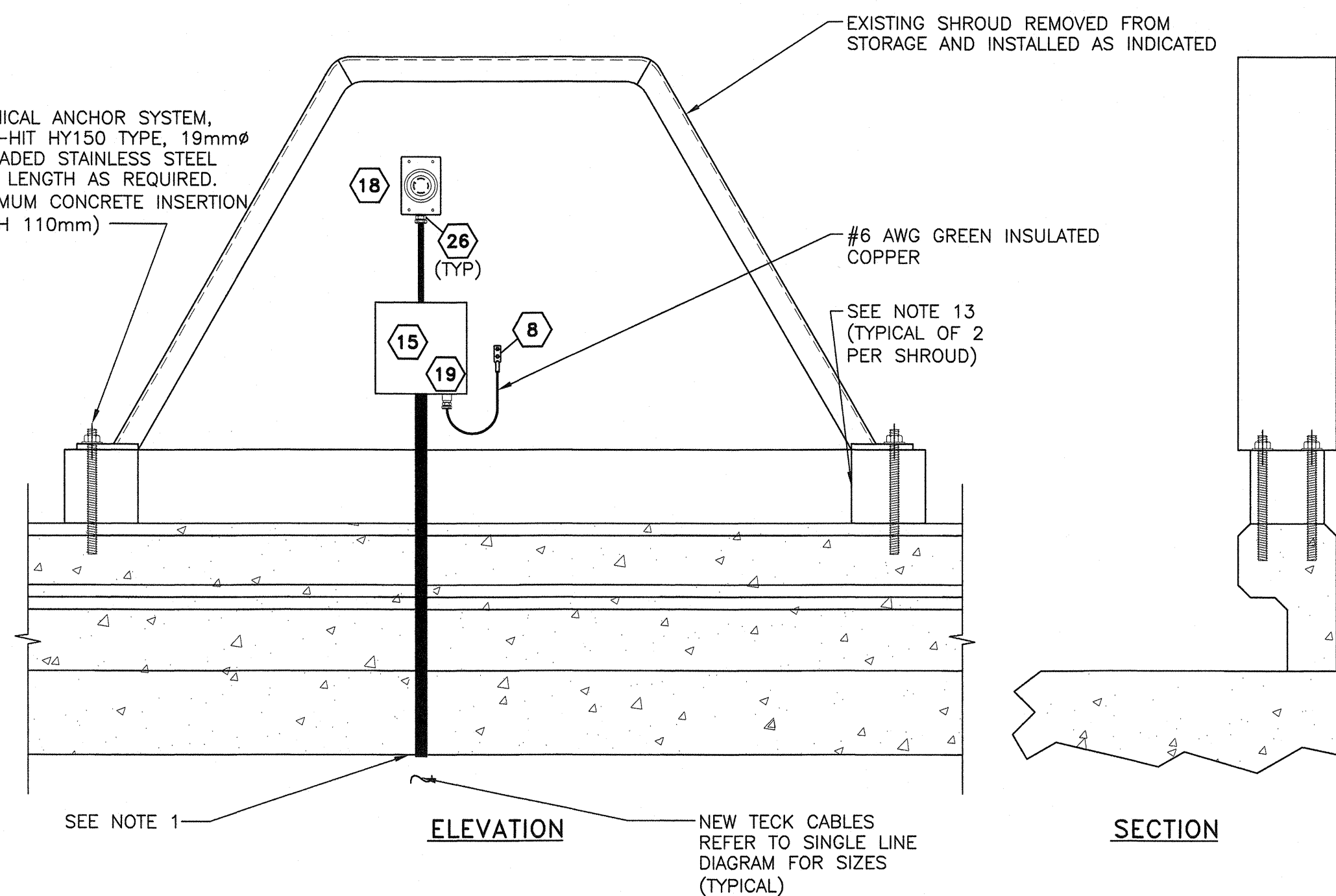
TECK CABLE MOUNTING BETWEEN PILE CAPS

SCALE : 1:20



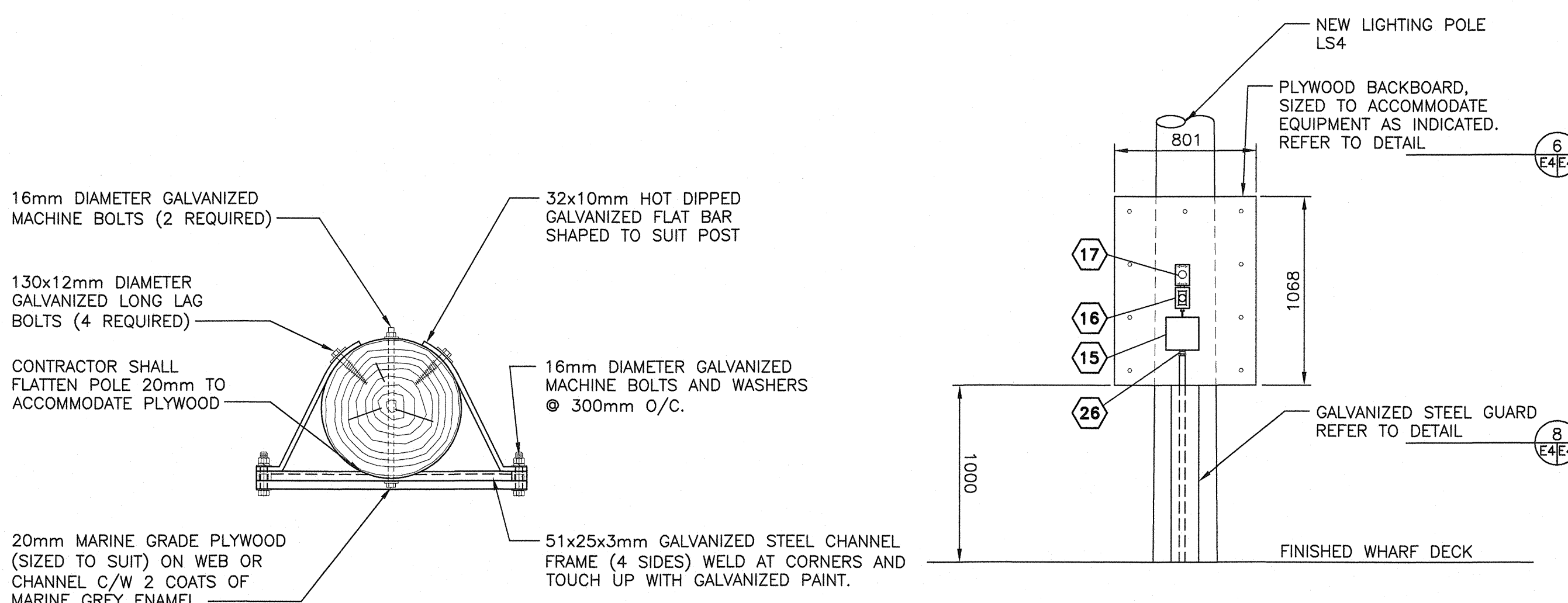
RECEPTACLES IN SHROUD "A"

SCALE : 1:10



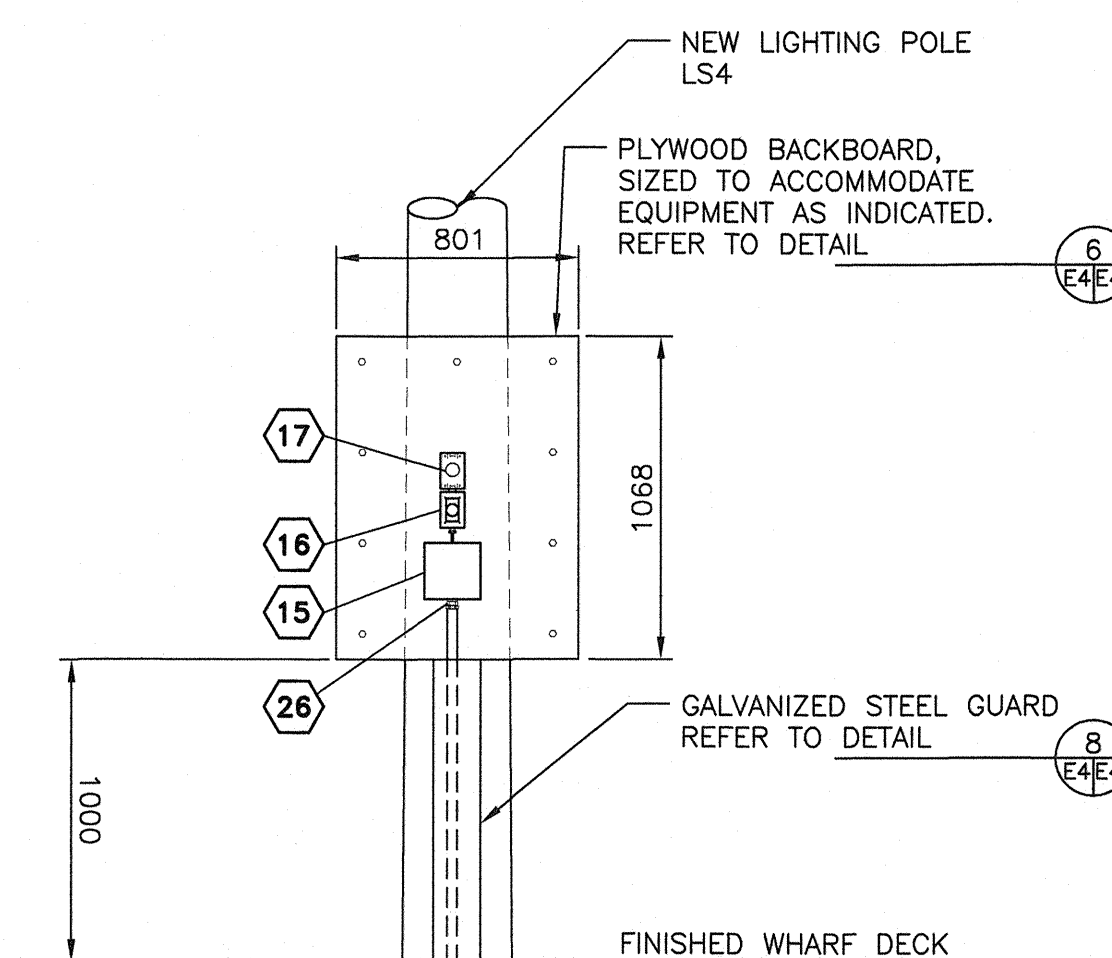
RECEPTACLES IN SHROUD "B"

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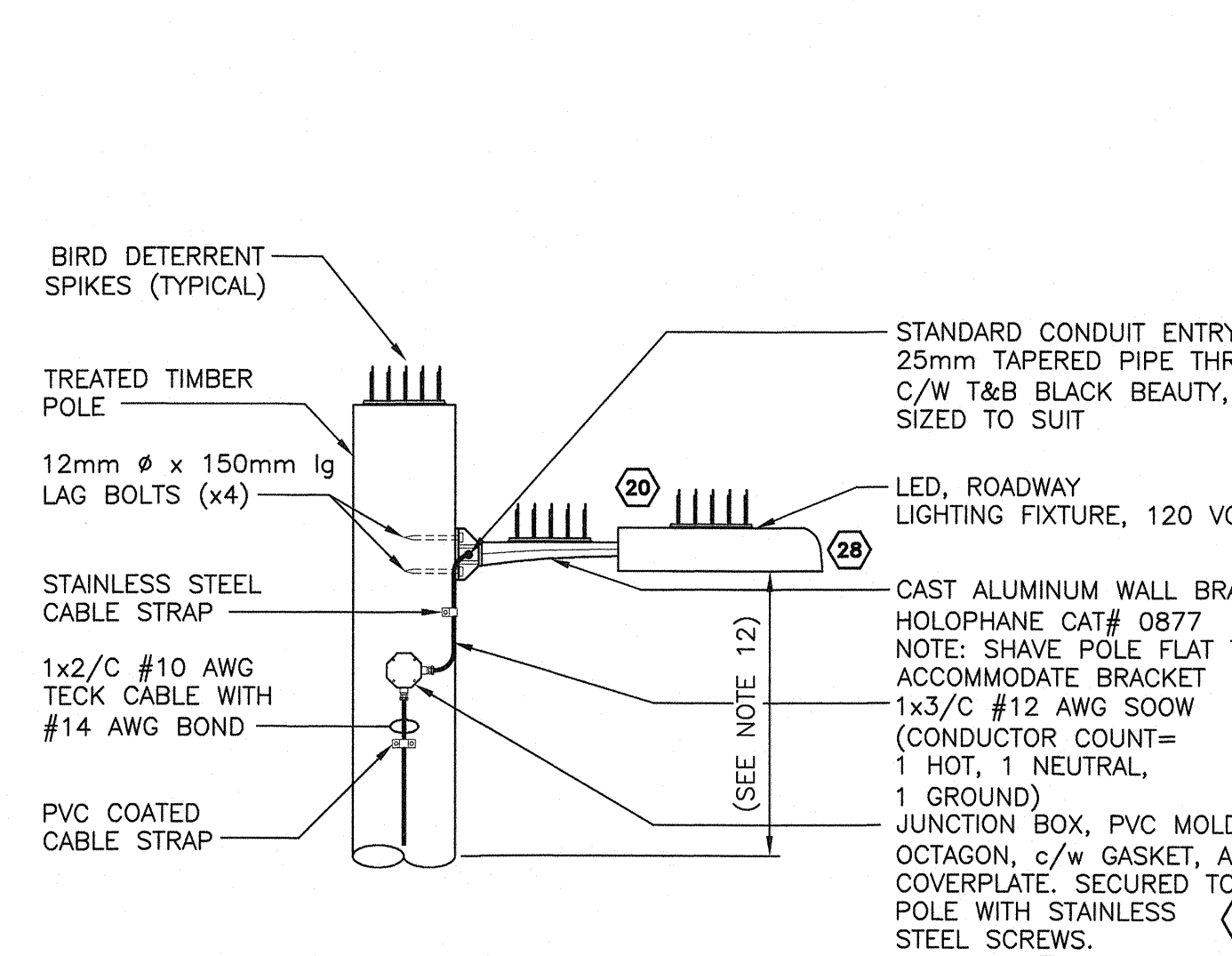
EQUIPMENT BACKBOARD MOUNTING

SCALE : 1:10



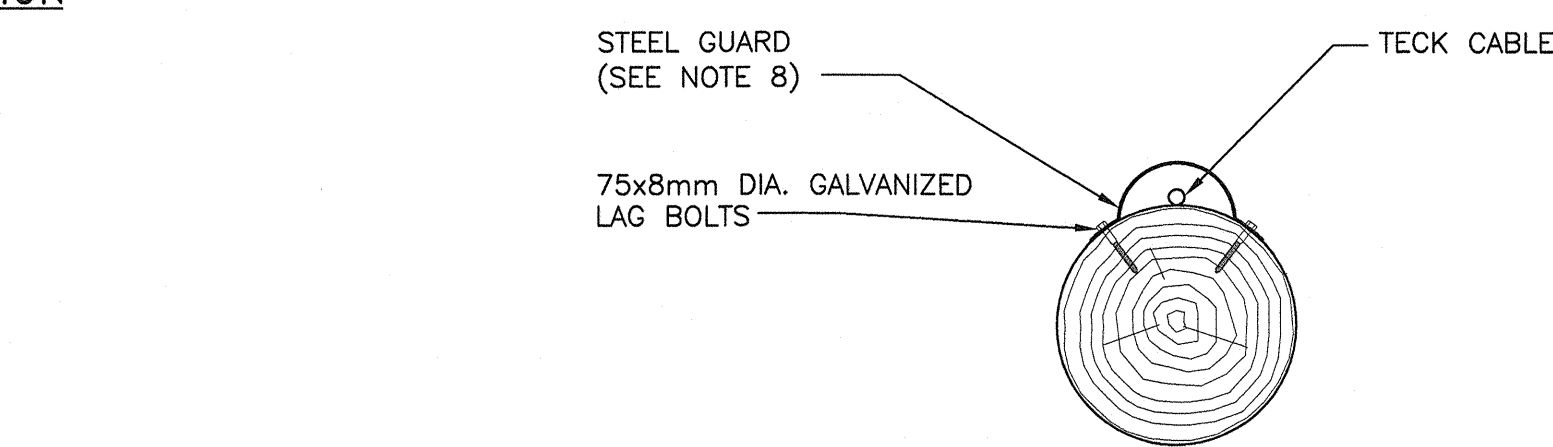
LIGHT POLE LS4

SCALE : 1:25



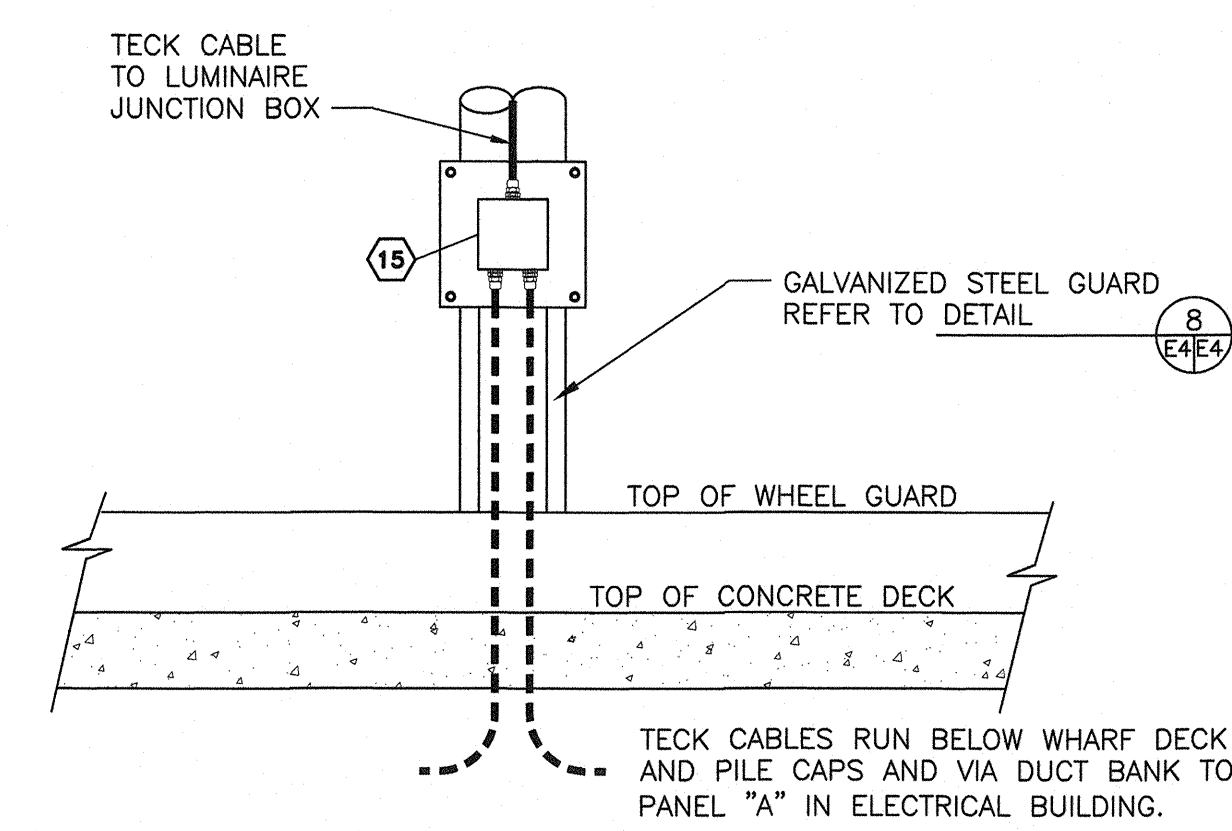
LUMINAIRE MOUNTING

SCALE : 1:20



GALVANIZED STEEL CONDUIT GUARD

SCALE/ÉCHELLE: 1:10



WHARF SIDE ELEVATION

SCALE : 1:20

## NOTES:

- CONTRACTOR SHALL ROUTE NEW CABLES BEHIND THE EXISTING WHEELGUARD AND UNDER THE SHROUD BACKING TO FEED THE NEW SHROUD.
- SECURE TECK CABLE WITH STAINLESS STEEL MOUNTING BRACKETS AND STAINLESS STEEL OR GALVANIZED STEEL HARDWARE, 300mm FROM ALL EQUIPMENT AND NOT MORE THAN 600mm CENTRE TO CENTRE.
- ALL TECK CABLE OR METALLIC CONDUIT TERMINATED ON FIBREGLASS OR PVC BOXES SHALL UTILIZE BONDING LOCKNUTS. ALL BONDING LOCKNUTS SHALL BE CONNECTED TO GROUND USING A #14 AWG GREEN INSULATED CONDUCTOR.
- CONTRACTOR SHALL SUPPLY AND INSTALL STRAIN RELIEF CONNECTORS, SIZED TO SUIT, FOR ALL SOOW CABLES.
- CONTRACTOR SHALL SUPPLY AND INSTALL NEW STAINLESS STEEL PIPE STRAPS TO SUPPORT CABLES TO UNDERSIDE OF WHARF DECK. CABLE SHALL BE SUPPORTED AT NOT MORE THAN 1000mm SPANS ALONG UNDERSIDE OF WHARF DECK. CABLE SIZES ARE INDICATED ON SINGLE LINE DIAGRAM, PIPE STRAPS SIZED PER CABLE.
- CONTRACTOR SHALL SUPPLY AND INSTALL PVC COATED TECK CONNECTORS FOR ALL TECK CABLE TERMINATIONS.
- CONTRACTOR SHALL SUPPLY AND INSTALL PVC FEMALE ADAPTERS TO TERMINATE TECK CABLES BELOW ELECTRICAL ENCLOSURE. CONTRACTOR SHALL EXTEND PVC CONDUIT TO PANELBOARD INSIDE ELECTRICAL ENCLOSURE.
- THE CONTRACTOR SHALL SUPPLY AND INSTALL A SCHEDULE 40 GALVANIZED STEEL CABLE GUARD. SECURE TO POLE USING GALVANIZED STEEL LAG BOLTS.
- CONTRACTOR SHALL USE EXISTING SLEEVES THROUGH EXISTING PILE CAPS TO ACCOMMODATE NEW TECK CABLE ROUTING.
- WHERE TRENCHING IS REQUIRED FOR NEW CONCRETE ENCASED DUCTBANK, THE CONTRACTOR SHALL EXCAVATE AND RESTORE SURFACE TO 'AS FOUND' CONDITIONS.
- NEW TIMBERS FOR PANELBOARD SUPPORTS SHALL BE SECURED TO EXISTING TIMBERS WITH 25mm $\varnothing$  GALVANIZED STEEL MACHINE BOLTS LENGTH TO SUIT.
- CONTRACTOR SHALL MOUNT ALL NEW LIGHTING FIXTURES AT 7600mm ABOVE FINISHED WHARF DECKING.
- CONTRACTOR SHALL FABRICATE, SUPPLY AND INSTALL NEW 150mm x 150mm x 10mm (THICK) STEEL CUBE PREDRILLED AND HOT DIPPED GALVANIZED.

1	CAD REVISION	SEPT 2 2017
0	ISSUED FOR TENDER	SEPT 8 2017
revisions		date

project		project
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ELECTRICAL SYSTEM UPGRADE  
LARRYS RIVER  
GUYSBOROUGH COUNTY  
NOVA SCOTIA

drawing dessin

ELECTRICAL BUILDING & MISC. DETAILS

designed F. FAHEY	conçu
date JULY 2017	
drawn J. THIBAUT	dessiné
date JULY 2017	
approved M. WILSON 25 sept/17	approuvé
date	
Tender	Submission
PWOSC Project Manager	Administrateur de projets TPSCC
project number	no. du projet
R.094341.001	
drawing no.	no. du dessin
E4	

