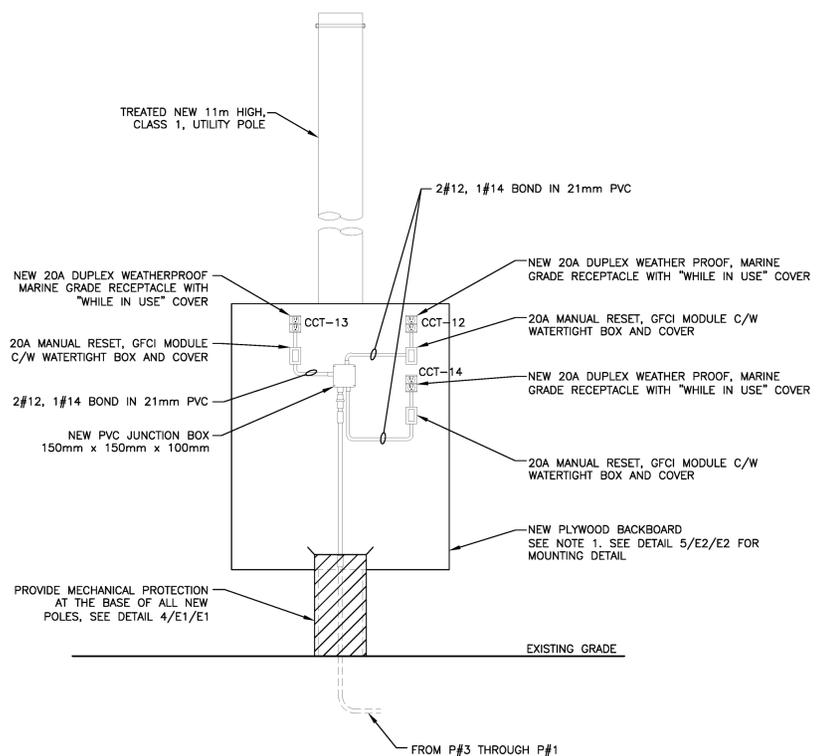


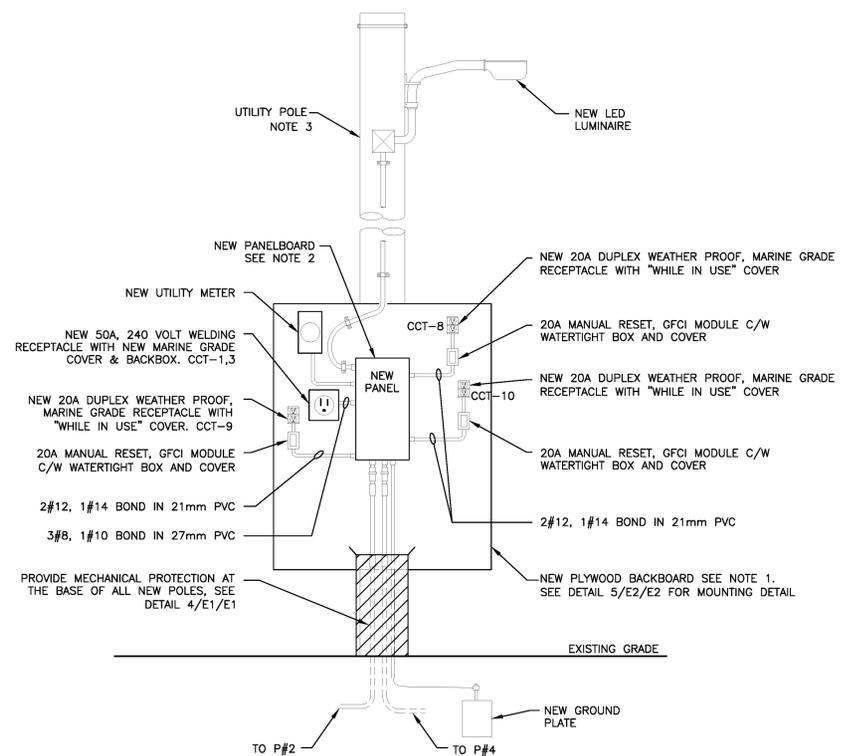


KEY PLAN
SCALE : N.T.S.

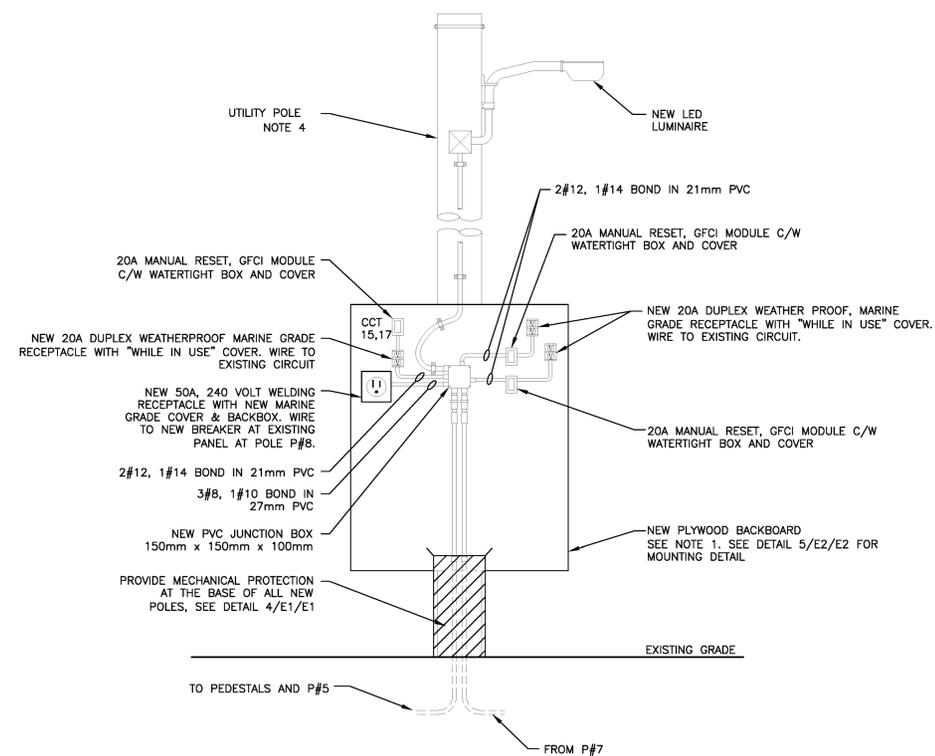
- NOTES:**
- SUPPLY AND INSTALL NEW PLYWOOD C/W TWO COATS OF MARINE GRADE GREY ENAMEL, FOR MOUNTING NEW ELECTRICAL EQUIPMENT. SIZE PLYWOOD TO SUIT EQUIPMENT. PROVIDE PROTECTION FOR CONDUITS AT THE BASE OF THE POLE.
 - REPLACE EXISTING LOADCENTER WITH NEW 100A MB, 120/240V, 1 PHASE, 3 WIRE, 24 CCT, NEMA 3R PANELBOARD C/W 14x 20A/1P, 1x 70A/2P AND 1x 50A/2P BOLT ON BREAKERS. THE 50A/2P BREAKER IS TO BE GFCI. CONNECT RECEPTACLES TO NEW PANELBOARD. ENCLOSE PANEL IN A NEW NEMA 4x 316L STAINLESS STEEL ENCLOSURE C/W HINGED DOORS, WEATHER-STRIPPING, DRAIN, BREATHER AND QUARTER TURN FASTENERS ON ALL SIDES. ALL HARDWARE (IE: NUTS, BOLTS AND FASTENERS) SHALL BE CONSTRUCTED FROM 304L STAINLESS STEEL. NAMEPLATES REQUIRED FOR PANEL CIRCUIT IDENTIFICATIONS. PANELBOARD EQUAL TO EATON PRL10, SIEMENS OR SQUARE D.
 - EXISTING POLE, LUMINAIRE, RECEPTACLES, UTILITY METER AND PANELBOARD TO BE REMOVED. DISCONNECT EXISTING OVERHEAD LINE. TURN EXISTING LUMINAIRE OVER TO THE HARBOUR AUTHORITY. INSTALL NEW 11m, CLASS 1, TREATED UTILITY POLE DURING THE CONSTRUCTION OF THE NEW DECK. REFER TO DRAWING M7 FOR MOUNTING DETAILS. INSTALL NEW LIGHT STANDARD, RECEPTACLES, UTILITY METER, AND PANELBOARD ON NEW POLE. RECONNECT EXISTING OVERHEAD LINE. RE-ESTABLISH GROUNDING FOR PANELBOARD. REFER TO DETAIL 2/E1/E2 FOR FURTHER DETAILS.
 - EXISTING POLE, LUMINAIRE AND RECEPTACLES TO BE REMOVED. TURN EXISTING LUMINAIRE OVER TO THE HARBOUR AUTHORITY. INSTALL NEW 11m, CLASS 1, TREATED UTILITY POLE DURING CONSTRUCTION OF THE NEW DECK. REFER TO DRAWING M7 FOR MOUNTING DETAILS. INSTALL NEW LIGHT STANDARD AND RECEPTACLES ON NEW POLE. REFER TO DETAILS 3/E1/E2 AND 4/E1/E2 FOR FURTHER DETAILS.



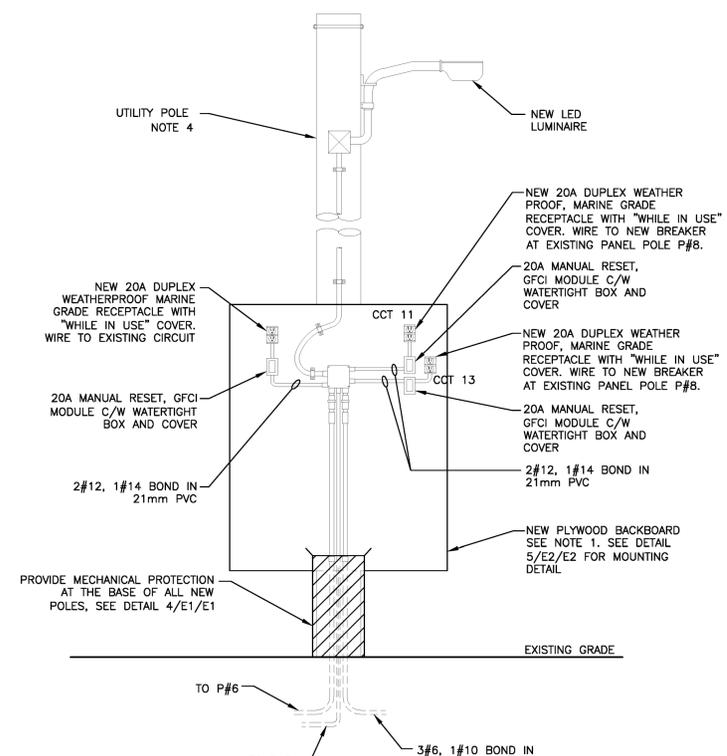
POLE P#2 DETAIL
SCALE : N.T.S.



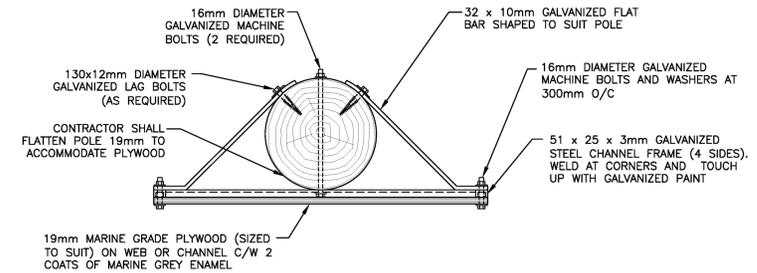
POLE P#3 DETAIL
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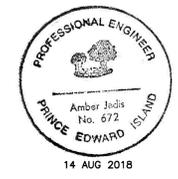
POLE P#6 DETAIL
SCALE : N.T.S.



POLE P#7 DETAIL
SCALE : N.T.S.



TYPICAL BACKBOARD MOUNTING
N.T.S.



0	ISSUED FOR TENDER	08/14 2018
revisions		date

project project
RECONSTRUCTION BOAT PEN 414A & 414B NORTH LAKE HARBOUR KING'S CO. PEI

drawing design
ELECTRICAL DETAILS

designed A.D.J., P.ENG	conçu
date	
drown M.E.M., C.E.T. A.E.M	dessiné
date Aug. 2018	
approved	approuvé
date	
Tender	Soumission
PWSC Project Manager Administrateur de projets TPSCG	
project number no. du projet	
R.094623.001	
drawing no. no. du dessin	
E2 OF 2	