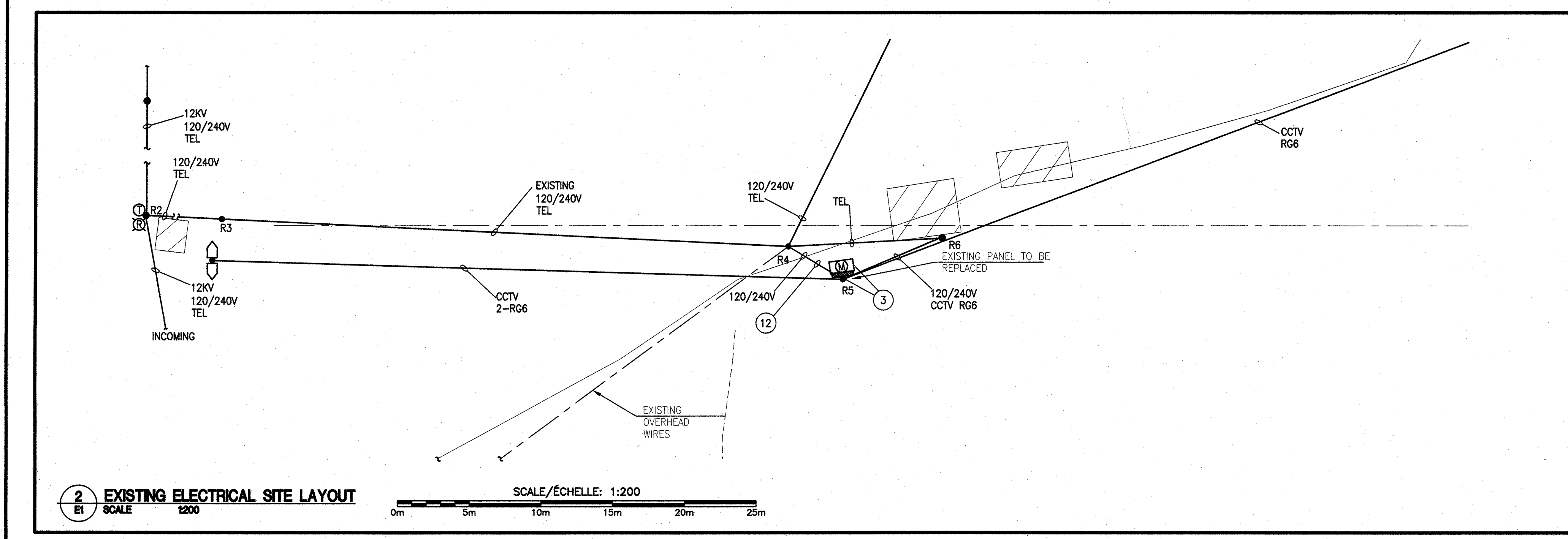
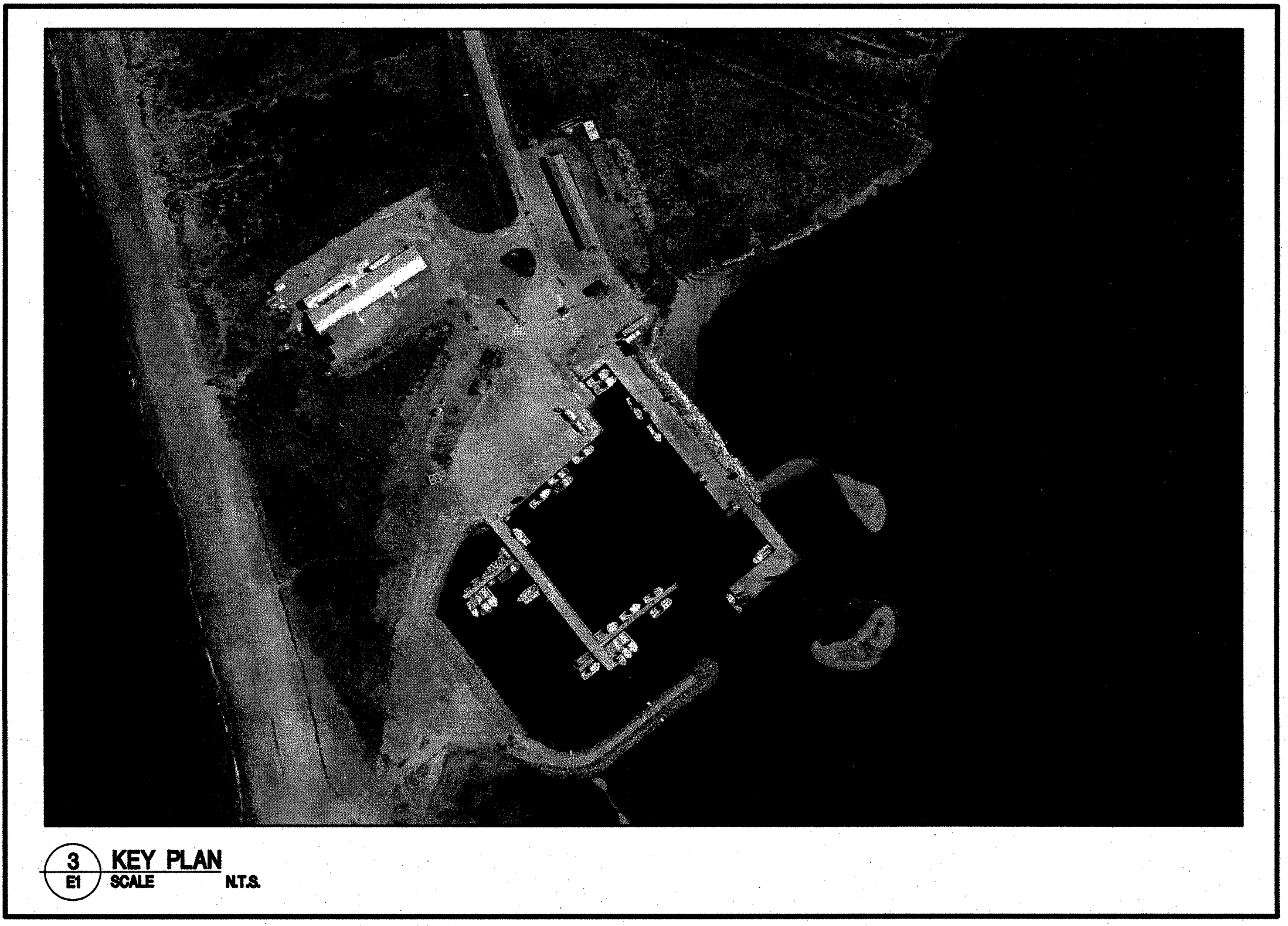
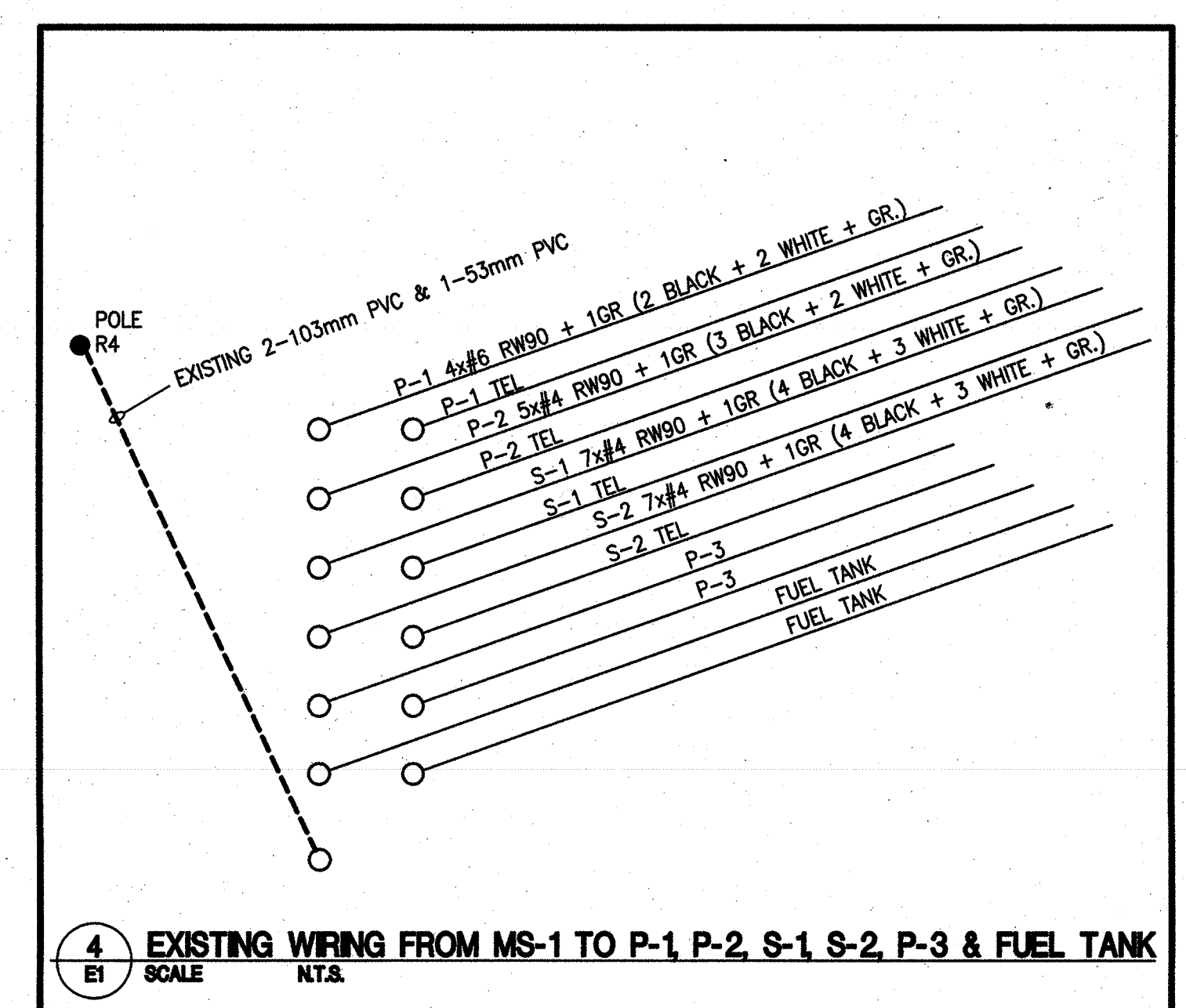


1 ELECTRICAL SITE LAYOUT
SCALE 1:200



2 EXISTING ELECTRICAL SITE LAYOUT
SCALE 1:200

- ### NOTES
- ARRANGE FOR NB POWER TO UPGRADE POWER LINE TO 7200V, 14 AND INSTALL 25KVA 7200V-120/240V 14.3W TRANSFORMER AND SERVICE ON POLE R4.
 - NEW 400A, 120/240V, 14 FUSIBLE DISCONNECT, 400A NB POWER METER, METER SOCKET AND ALUMINUM ENCLOSURE C/W 400A 120/240V, 14, 3W ELECTRICAL PANEL MOUNTED ON PLYWOOD BACK BOARD ON THREE (3) 200x200 PRESSURE TREATED POSTS.
 - EXISTING METER C/W SOCKET AND POLE MOUNTED LOAD CENTER TO BE REMOVED FROM WOOD POLE.
 - EXISTING WOOD POLE C/W ROADWAY LIGHT FIXTURE AND GUYS/GUY ANCHORS TO BE REMOVED. CUT GUY ANCHORS OFF 100mm BELOW GRADE.
 - EXISTING EMERGENCY STOP BUTTON TO REMAIN. EMERGENCY STOP BUTTON WIRED BACK TO GAS BOY 1000 PAYSTATION. CONTRACTOR TO INSTALL NEW EMERGENCY STOP AT SERVICE MS-1 AND WIRE IT TO GAS BOY PAYSTATION IN PARREL WITH EXISTING EMERGENCY STOP BUTTONS C/W EYS FITTINGS.
 - TWO (2) 20A, 120V TWISTLOCK RECEPTACLES AND ONE (1) TELEPHONE MOUNTED ON LIGHT POLE BASE. REFER TO DETAIL 5 & 6 ON E2.
 - TWO (2) 20A, 120V TWISTLOCK, ONE (1) TELEPHONE, AND ONE (1) 50A, 240V BUYER WINCH RECEPTACLE MOUNTED ON LIGHT POLE BASE. REFER TO DETAIL 5 & 6 ON E2.
 - ALUMINUM SHROUD C/W TWO (2) 20A, 120V TWISTLOCK RECEPTACLES, ONE (1) 50A, 240V BUYER WINCH RECEPTACLE, AND ONE (1) TELEPHONE OUTLET.
 - NEW 3/500MCM + 1/3/0 GND IN EXISTING 103mm PVC; 1-103mm EXISTING PVC SPARE, 1-53mm EXISTING PVC FOR TELEPHONE. RUN POWER WIRES UP POLE TO TRANSFORMER. NB POWER TO PROVIDE GALVANIZED CABLE GUARD UP POLE. PROVIDE 53mm GALVANIZED CONDUIT UP POLE TO WEATHERHEAD FOR TELEPHONE.
 - RELOCATE EXISTING WOOD POLE AND 2 EXISTING ROADWAY LIGHT FIXTURES TO NEW H-PILE AND FASTEN TO WHARF WITH 3-25mm BOLTS WELDED TO H-PILE, C/W WASHERS, LOCK WASHERS AND NUTS.
 - EXISTING OVERHEAD WIRES TO BE REMOVED.
 - EXISTING 120/240V OVERHEAD POWER FEED TO HARBOUR AUTHORITY FROM POLE R4 TO POLE P5 TO BE DISCONNECTED AND RE-FED UNDERGROUND FROM PANEL 'A' BY NEW 3/6 + G - NEW 53mm PVC.
 - EXISTING OVERHEAD WIRING AND LIGHTING.
 - CONTRACTOR TO RUN ONE (1) EXTRA WIRE WITH CIRCUITS #A-6, A-20 AND A-22 FOR FUTURE CCTV CAMERA CONNECTIONS AT TOP OF POLE INDICATED.
 - EXISTING GAS BOY PAY STATION AND FUEL DISPENSER.
 - CONTRACTOR TO REMOVE TEMPORARY POWER CONNECTION TO FUEL PUMP AND DISPENSER AND RE-FEED FROM MS-1. CONTRACTOR TO USE EYS FITTINGS AND RIGID STEEL GALVANIZED CONDUIT ON CONDUIT FEEDS TO FUEL PUMP.
 - SEE SPECIFICATION SECTION 01.00.50 FOR WORK PREVIOUSLY COMPLETED.
 - SUPPLY AND INSTALL A 900 x 900 x 6mm GALVANIZED STEEL PLATE OVER EXISTING SURFACE CONDUITS ON WHARF DECK ASSOCIATED WITH FUEL PUMP SYSTEM. FASTEN PLATE TO DECK WITH 12-16mm DIAMETER GALVANIZED ADHESIVE ANCHORS. EMBED 250mm INTO HOLES DRILLED INTO CONCRETE.



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| revisions | description | date |
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| project | description | project |
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| ELECTRICAL REPAIRS | STRUCTURE 402 PIGEON HILL, NB COMTÉ DE GLOUCESTER COUNTY | |

| drawing | no. du projet | no. du dessin |
|-----------------------------------|---------------|---------------|
| ELECTRICAL SITE LAYOUTS & DETAILS | R.067938.001 | E1 of/de E3 |

| designed | date | drawn | date | approved | date | submitted | date |
|--------------------|------------|---------------|------------|--------------------|------------|-----------|------|
| RALPH SMITH, P.ENG | 2014.02.05 | GERALD FANJOY | 2014.02.05 | RALPH SMITH, P.ENG | 2014.02.05 | | |

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 no. du projet:
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 1215