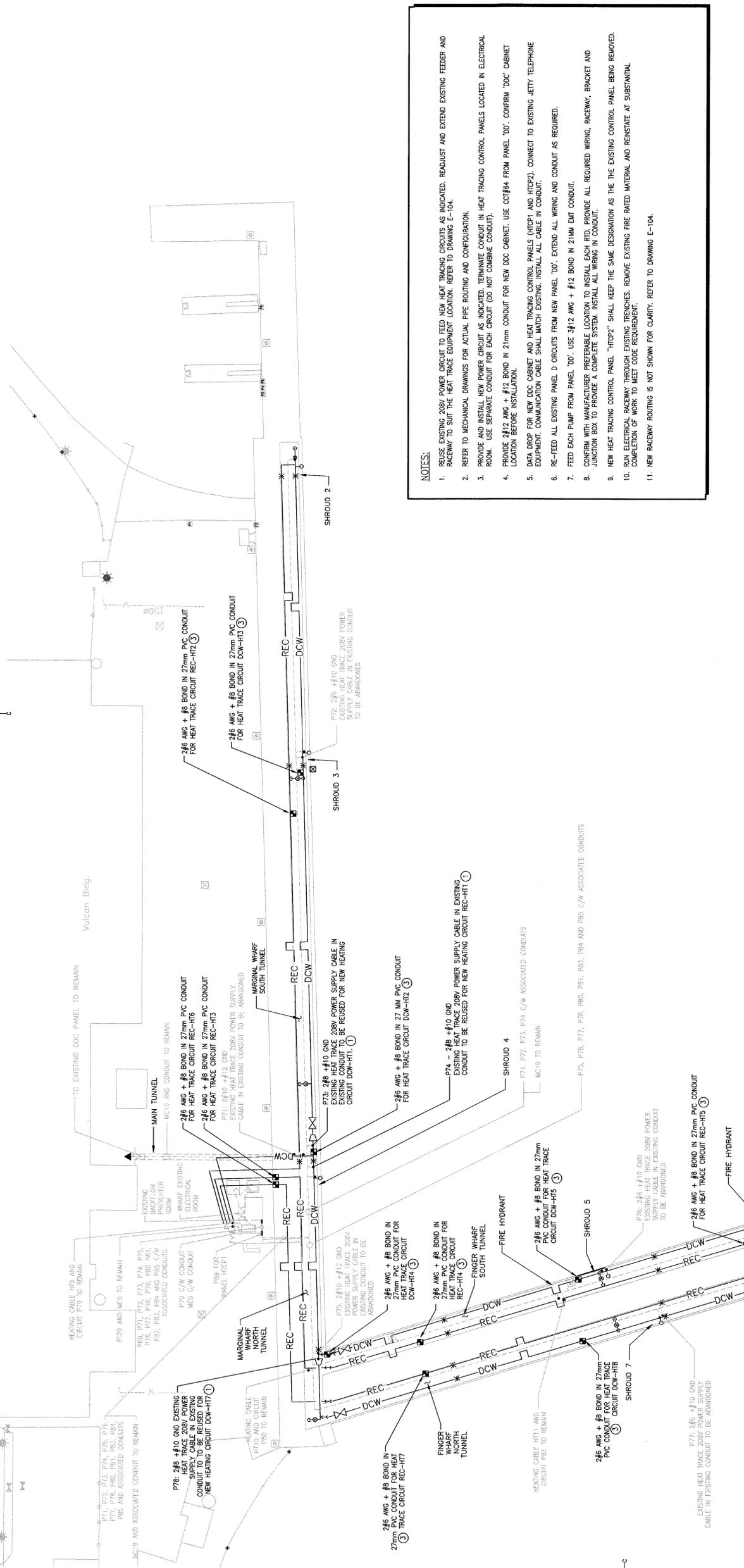


revisions	date	project
2	11/07/2015	RE-ISSUED FOR TENDER
1	11/04/2015	ISSUED FOR TENDER

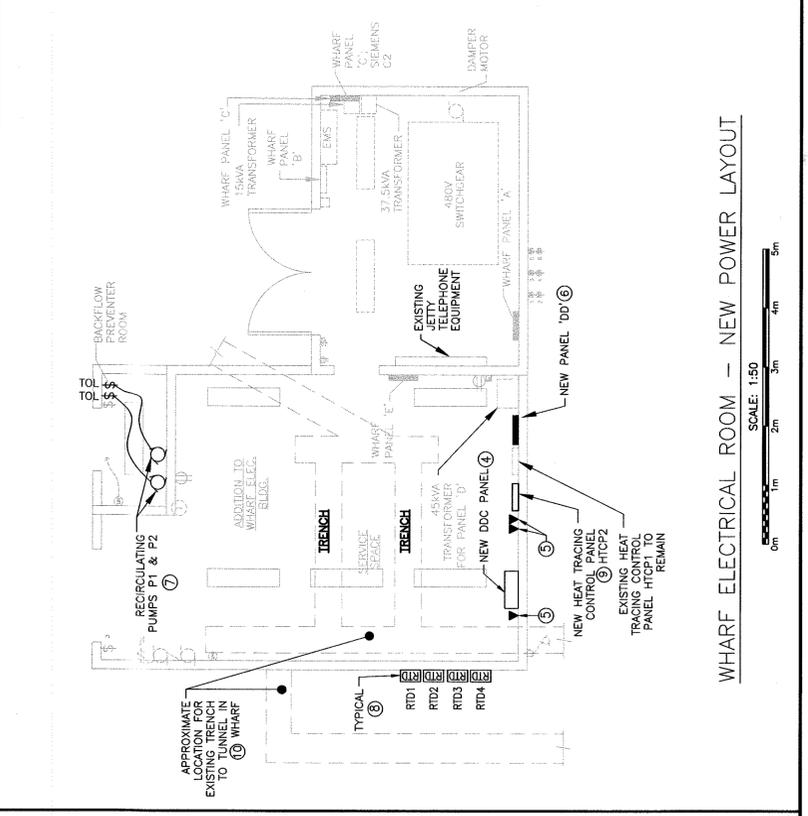
JETTY WATER LINE REPLACEMENT
 BIO, DARTMOUTH NS

design
 drawing
 NEW SITE PLAN & ELECTRICAL ROOM LAYOUT

designed	checked	approved	approved
H.B.			
drawn			
date			
H.B.			
H.B.			
Project Manager			
Project number	R.078019.001		
no. du projet			
no. du dessin	E-103		



- NOTES:**
1. REUSE EXISTING 208V POWER CIRCUIT TO FEED NEW HEAT TRACING CIRCUITS AS INDICATED. RE-ADJUST AND EXTEND EXISTING FEEDER AND RACEWAY TO SUIT THE NEW TRACING EQUIPMENT LOCATION. REFER TO DRAWING E-104.
 2. REFER TO MECHANICAL DRAWINGS FOR ACTUAL PIPE ROUTING AND CONFIGURATION.
 3. PROVIDE AND INSTALL NEW POWER CIRCUIT AS INDICATED. TERMINATE CONDUIT IN HEAT TRACING CONTROL PANELS LOCATED IN ELECTRICAL ROOM. USE SEPARATE CONDUIT FOR EACH CIRCUIT (DO NOT COMBINE CONDUIT).
 4. PROVIDE 2#12 AWG + #12 BOND IN 21mm CONDUIT FOR NEW DDC CABINET. USE COT#64 FROM PANEL 'DD'. CONFIRM 'DDC' CABINET LOCATION BEFORE INSTALLATION.
 5. DATA DROP FOR NEW DDC CABINET AND HEAT TRACING CONTROL PANELS (HTCP1 AND HTCP2). CONNECT TO EXISTING JETTY TELEPHONE EQUIPMENT. COMMUNICATION CABLE SHALL MATCH EXISTING. INSTALL ALL CABLE IN CONDUIT.
 6. RE-FEED ALL EXISTING PANEL D CIRCUITS FROM NEW PANEL 'DD'. EXTEND ALL WIRING AND CONDUIT AS REQUIRED.
 7. FEED EACH PUMP FROM PANEL 'DD'. USE 3#12 AWG + #12 BOND IN 21mm EMT CONDUIT.
 8. CONFIRM WITH MANUFACTURER PREFERRED LOCATION TO INSTALL EACH RTD. PROVIDE ALL REQUIRED WIRING, RACEWAY, BRACKET AND JUNCTION BOX TO PROVIDE A COMPLETE SYSTEM. INSTALL ALL WIRING IN CONDUIT.
 9. NEW HEAT TRACING CONTROL PANEL "HTCP2" SHALL KEEP THE SAME DESIGNATION AS THE EXISTING CONTROL PANEL BEING REMOVED.
 10. RUN ELECTRICAL RACEWAY THROUGH EXISTING TRENCHES. REMOVE EXISTING FIRE RATED MATERIAL AND REINSTATE AT SUBSTANTIAL COMPLETION OF WORK TO MEET CODE REQUIREMENT.
 11. NEW RACEWAY ROUTING IS NOT SHOWN FOR CLARITY. REFER TO DRAWING E-104.



WHARF ELECTRICAL ROOM - NEW POWER LAYOUT

PARTIAL NEW ELECTRICAL SITE PLAN

