

EXISTING AND DEMOLITION HEAT TRACING SYSTEM RISER

SCALE: N.T.S.

LEGEND:

—	INDICATE EXISTING TO REMAIN.
- - -	INDICATE EXISTING TO BE REMOVED
—	INDICATE NEW
HEATING CABLE	HEAT TRACING SELF REGULATED CABLE.
RTD	RESISTANCE TEMPERATURE DETECTOR
■	NEW POWER FEEDER AND CONDUIT
④	INDICATES NOTE
UH	INDICATES UNIT HEATER
MC2-3	HEAT TRACING RTD CIRCUIT C/W ASSOCIATED WIRING AND CONDUIT
	MC2-3 INDICATES EXISTING DESIGNATION.
P77	HEAT TRACING POWER CIRCUIT C/W ASSOCIATED WIRING AND CONDUIT
	P77 INDICATES EXISTING DESIGNATION.
■	PANELBOARD
▼	COMMUNICATION DATA DROP
○	THREE PHASE MOTOR
\$	MANUAL STARTER
TOL	

DEFINITION

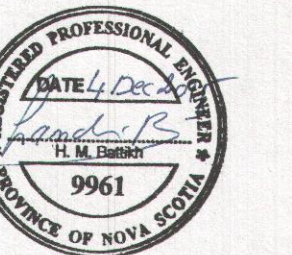
TYP.	INDICATES TYPICAL
REC-PK1	INDICATES RECIRCULATING WATER PIPE POWER CONNECTION KIT FOR HEAT TRACING CIRCUIT 1
REC-ES1	INDICATES RECIRCULATING WATER PIPE END SEAL FOR HEAT TRACING CIRCUIT 1
DCW-PK1	INDICATES DOMESTIC COLD WATER PIPE POWER CONNECTION KIT FOR HEAT TRACING CIRCUIT 1
DCW-ES1	INDICATES RECIRCULATING WATER PIPE END SEAL KIT FOR HEAT TRACING CIRCUIT 1
REC-HT1	INDICATES RECIRCULATING WATER HEAT TRACING CIRCUIT 1
DCW-HT1	INDICATES DOMESTIC COLD WATER HEAT TRACING CIRCUIT 1

GENERAL NOTES:

- PRIOR TO INSTALL PIPES INSULATION, THE DEPARTMENTAL REPRESENTATIVE SHALL REVIEW AND APPROVE THE HEAT TRACE INSTALLATION. CONTRACTOR SHALL RECEIVE THE DEPARTMENTAL REPRESENTATIVE OFFICIAL APPROVAL IN ORDER TO PROCEED WITH INSTALLING ANY PIPES INSULATION.
- HEAT TRACING EXISTING INFORMATION IS TAKEN FROM AS-BUILT DRAWINGS (2002 AND 2009) PROVIDED BY THE OWNER. ALL EXISTING INFORMATION SHALL BE CONFIRMED ON SITE BEFORE STARTING.
- NOT ALL EXISTING INFORMATION ARE SHOWN. VERIFY EXISTING INSTALLATION PRIOR TO ANY DEMOLITION, RELOCATION OR NEW INSTALLATION.
- COORDINATE THE ELECTRICAL INSTALLATION WITH THE OWNER PRIOR TO STARTING THE PROJECT.
- PROVIDE ALL REQUIRED CUTTING, PATCHING, AND PAINTING TO MATCH EXISTING EXISTING CONDITION.
- REMOVE FROM SITE ALL DEMOLISHED MATERIALS AND ELECTRICAL EQUIPMENT MADE REDUNDANT.
- CLEAN ABOVE GROUND JETTY AREA AND TUNNEL AREA (BELOW GROUND) FROM ANY DERBIES.

NOTES:

- POWER CONNECTION KITS AREN'T SHOWN AND SHALL BE REMOVED FOR THE FOLLOWING CIRCUITS: HT1, HT2, HT3, HT4, HT5, HT6, HT7, HT8, HT2-2 AND HT2-3.
- EXISTING POWER FEEDER P73, P74 AND P78 C/W CONDUITS TO REMAIN AND REUSED FOR NEW HEAT TRACING CIRCUITS.
- EXISTING FEEDER P71, P72, P75, P76, P77, P84 AND P85 C/W CONDUITS TO BE ABANDONED.
- EXISTING HTCP1 IS A THERMON MODEL T1818A. THE INTENT IS TO INSTALL THE NEW CONTROLLER ON THE SAME CABINET AS HTCP1. IT WILL BE CONTRACTOR'S RESPONSIBILITY TO VERIFY WITH THERMON REPRESENTATIVE THE CONDITION OF AND COMPATIBILITY WITH HTCP1. IF THE EXISTING CABINET COULDN'T ACCOMMODATE THE ADDITION OF THE NEW CONTROLLER, A SEPARATE NEW CABINET SHALL BE PROVIDED FOR THE NEW CONTROLLER.



3	RE-ISSUED FOR TENDER	12/04/2015
2	RE-ISSUED FOR TENDER	11/10/2015
1	ISSUED FOR TENDER	11/04/2015
revisions		date

project JETTY WATER LINE REPLACEMENT BIO, DARTMOUTH NS

drawing design

EXISTING AND DEMOLITION HEAT TRACE RISER AND LEGEND

designed H.B.	congru
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date	
approved H.B.	approuvé
date	
Tender	Submission
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