

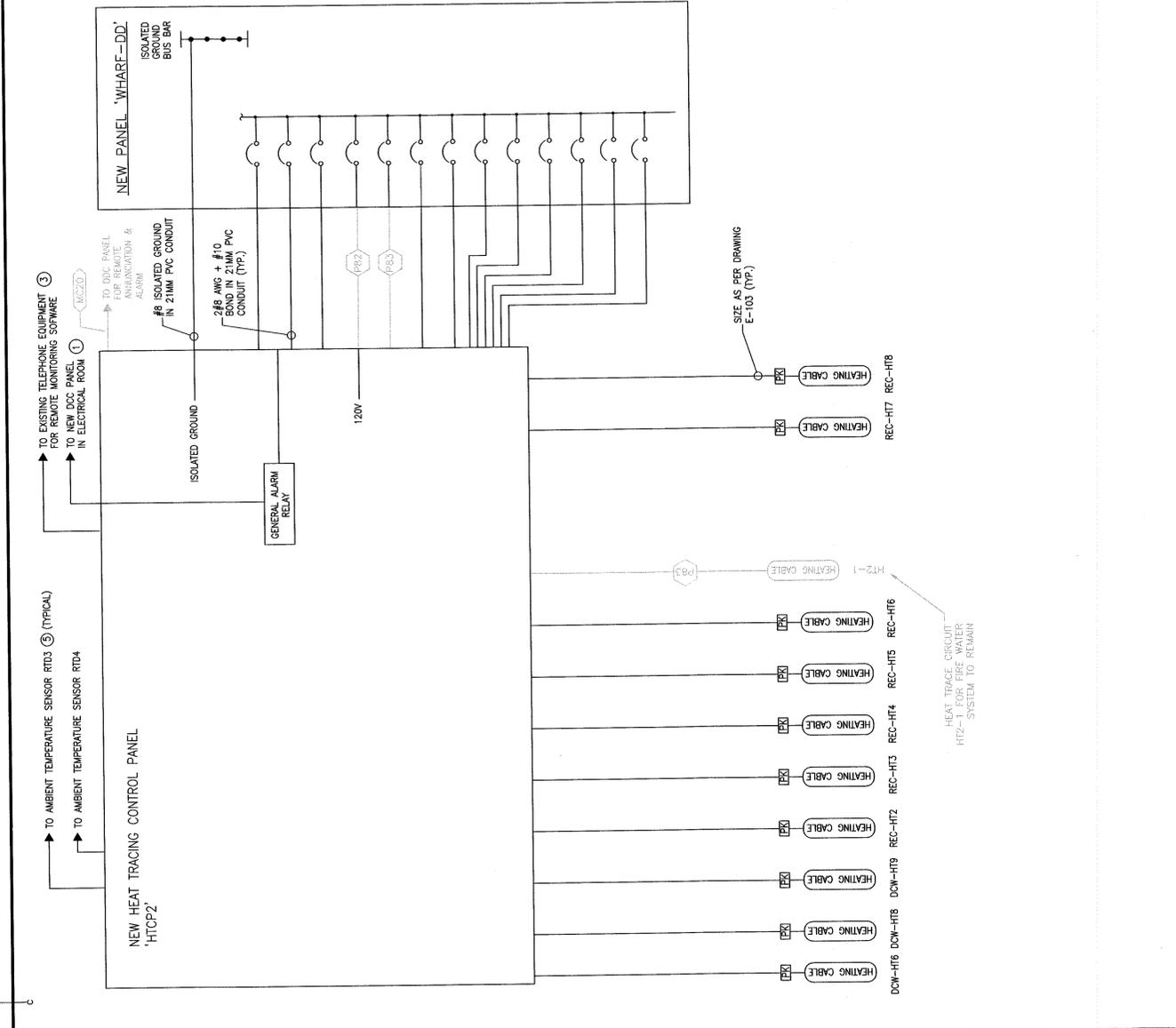
- NOTES:**
- CONNECT HEAT TRACE CONTROL PANELS HTCP1 AND HTCP2 TO DCC (BAS) SYSTEM COORDINATE WITH CONTROLS CONTRACTOR.
  - UPGRADE EXISTING HARDWARE AND SOFTWARE FOR EXISTING CONTROL PANEL HTCP1 AND HTCP2. THE EXISTING CONTROL PANEL SHALL BE CAPABLE OF COMMUNICATING WITH A REMOTE CONTROL SOFTWARE THROUGH ETHERNET AND ISSUING A GENERAL ALARM TO THE DCC SYSTEM.
  - CONFIRM REMOTE MONITORING SOFTWARE WORKSTATION LOCATION WITH THE DEPARTMENTAL REPRESENTATIVE.
  - WHEN AN ALARM OCCURS, EACH CONTROL PANEL SHALL BE CAPABLE OF:
    - NOTIFY THE DCC PANEL.
    - INDICATE THE SPECIFIC ALARM TYPE TO THE REMOTE MONITORING SOFTWARE.
    - DISPLAY THE SPECIFIC ALARM TYPE.
  - EACH RTD SHALL BE PROGRAMMED AS FOLLOWS:
    - RTD 1: CONTROL ON/OFF ALL NEW FOR HTCP1.
    - RTD 2: CONTROL ON/OFF ALL NEW AMBIENT TEMPERATURE SIGNAL RECEIVED FROM HTCP1.
    - RTD 3: CONTROL ON/OFF ALL NEW AND EXISTING HEAT TRACING CIRCUITS FOR HTCP2.
    - RTD 4: CONTROL TO HTCP2 THE EXISTING TEMPERATURE SIGNAL RECEIVED FROM RTD3.



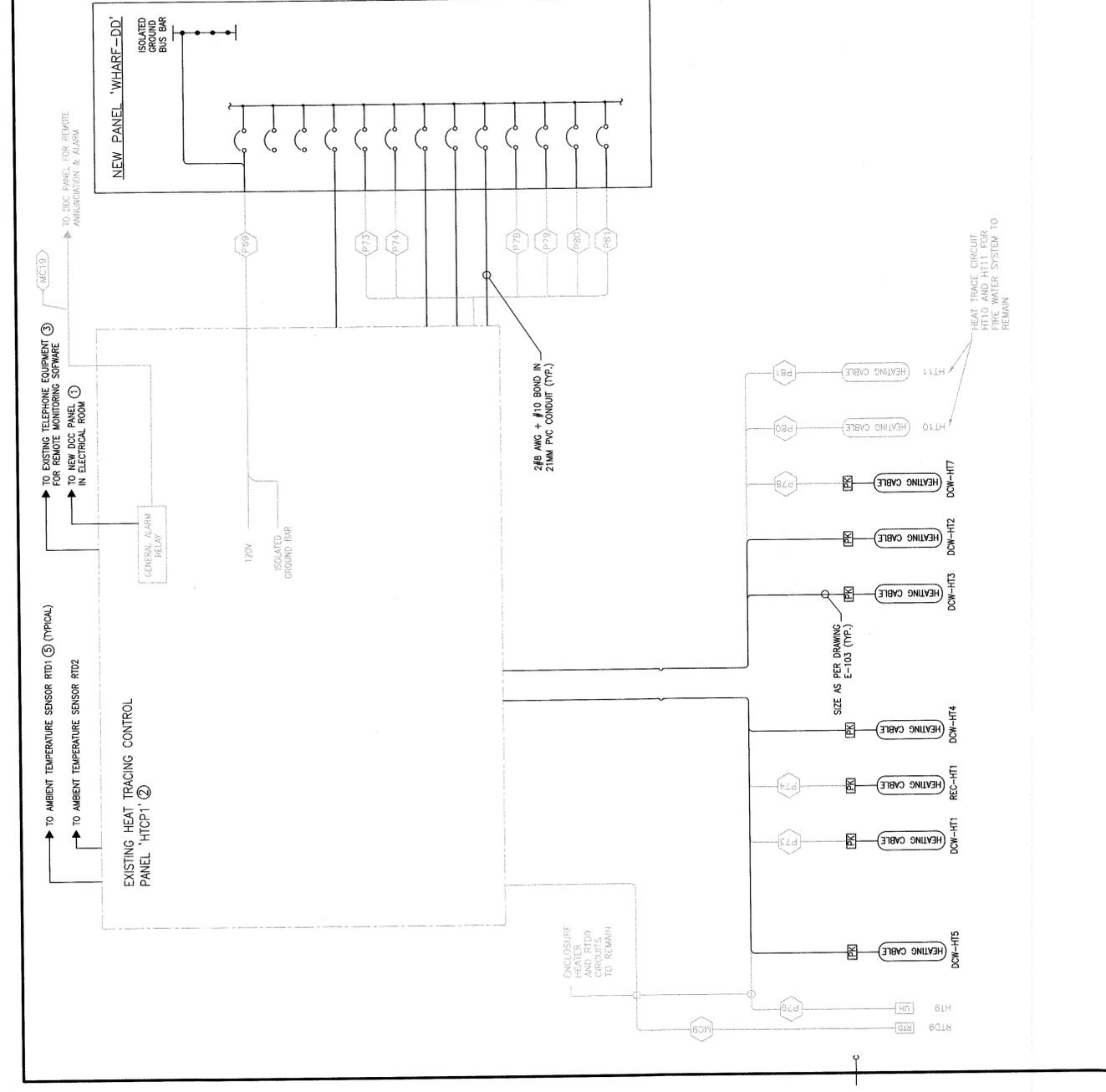
|       |                      |
|-------|----------------------|
| 11/10 | RE-ISSUED FOR TENDER |
| 07/03 |                      |
| 07/05 | ISSUED FOR TENDER    |
| 07/05 |                      |
|       | DATE                 |

project  
**JETTY WATER LINE  
REPLACEMENT  
BIO, DARTMOUTH NS**

|                               |      |                          |  |
|-------------------------------|------|--------------------------|--|
| drawing                       |      | design                   |  |
| <b>NEW HEAT TRACING RISER</b> |      |                          |  |
| designed                      | H.B. | checked                  |  |
| drawn                         |      | designed                 |  |
| date                          |      | approved                 |  |
| approved                      | H.B. | date                     |  |
| Submitted                     |      | Submission               |  |
| Project Manager               |      | Administrateur de projet |  |
| Project No.                   |      | no. de projet            |  |
| drawing no.                   |      | no. de dessin            |  |
| <b>R.078019.001</b>           |      | <b>E-105</b>             |  |



**NEW HEAT TRACING SYSTEM RISER FOR CONTROL PANEL HTCP-2**  
SCALE: N.T.S.



**NEW HEAT TRACING SYSTEM RISER FOR CONTROL PANEL HTCP-1**  
SCALE: N.T.S.