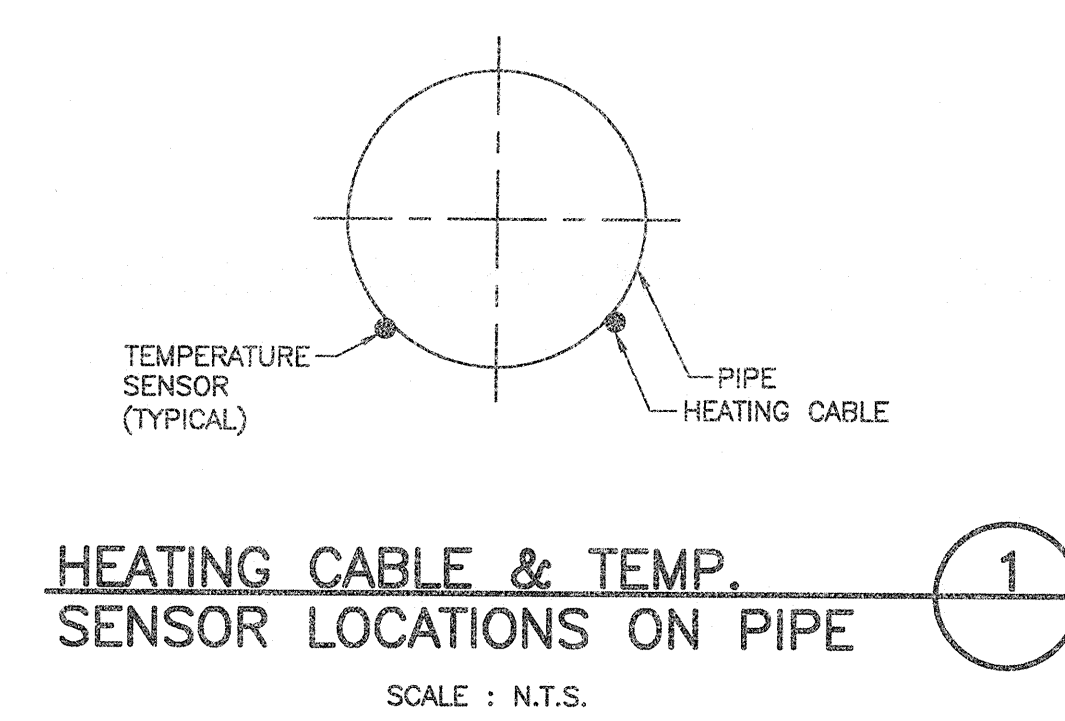
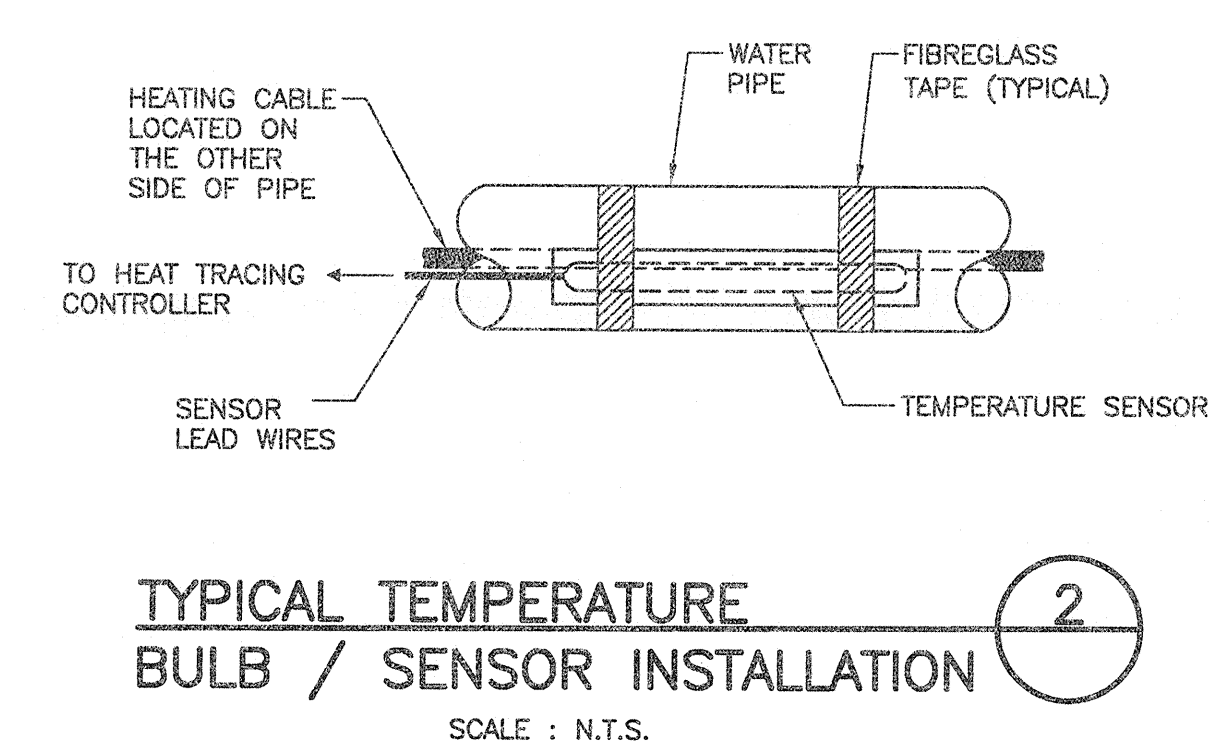


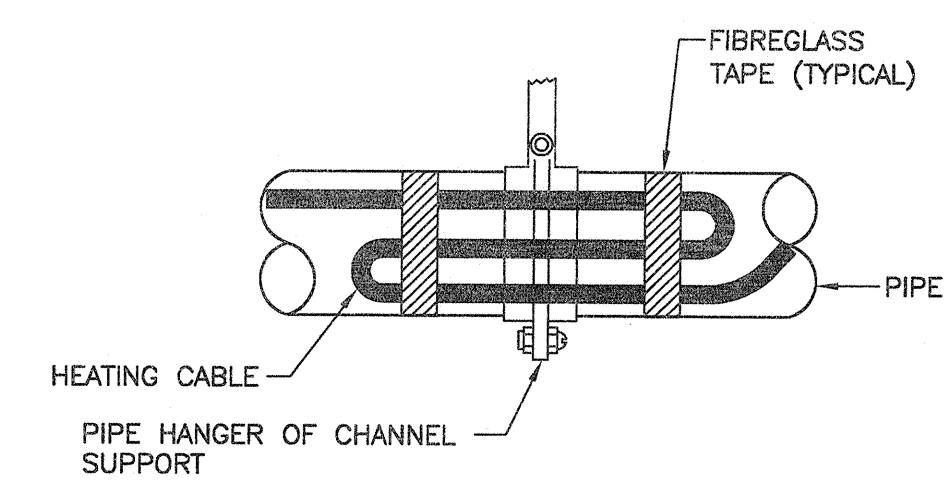
**ELECTRICAL SITE PLAN**  
SCALE: 1:250



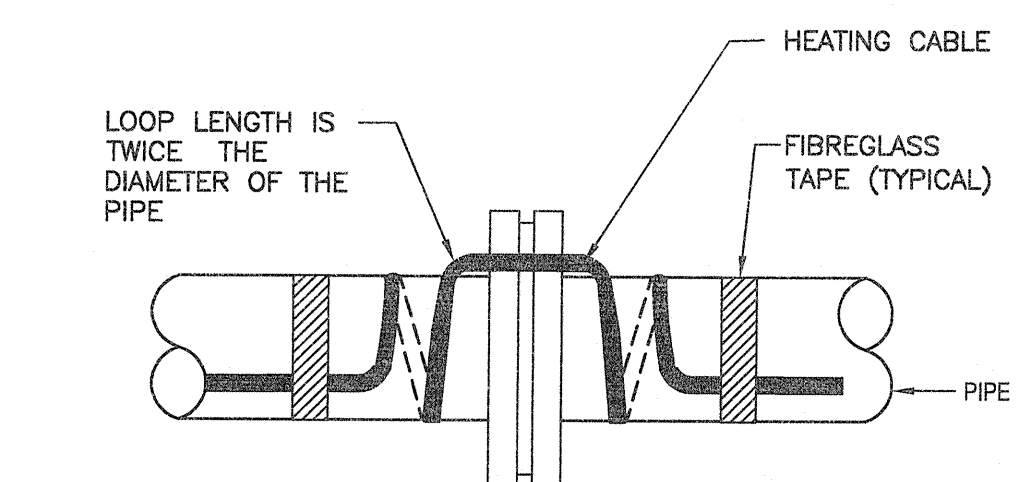
**HEATING CABLE & TEMP. SENSOR LOCATIONS ON PIPE**  
SCALE: N.T.S.



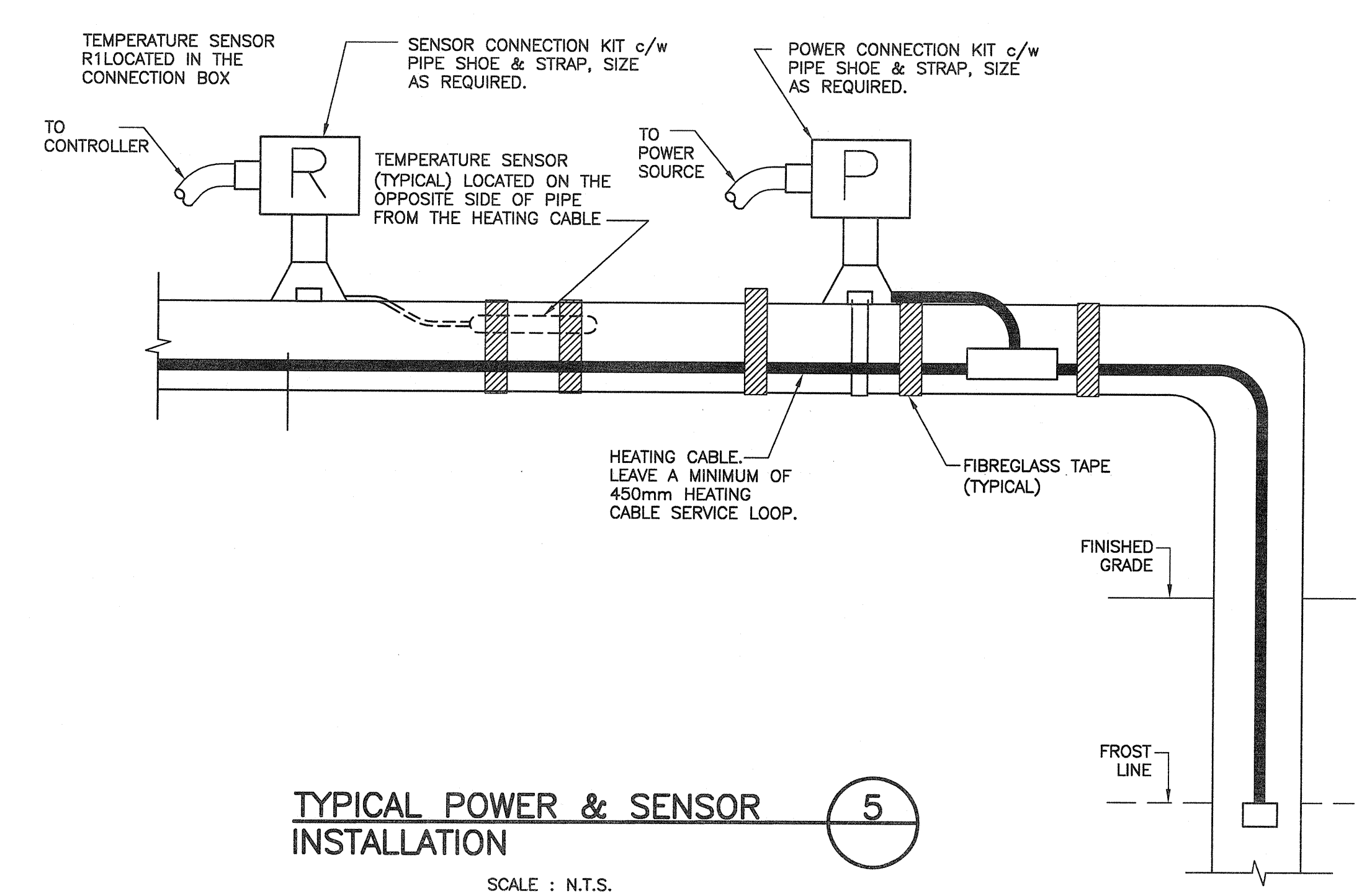
**TYPICAL TEMPERATURE BULB / SENSOR INSTALLATION**  
SCALE: N.T.S.



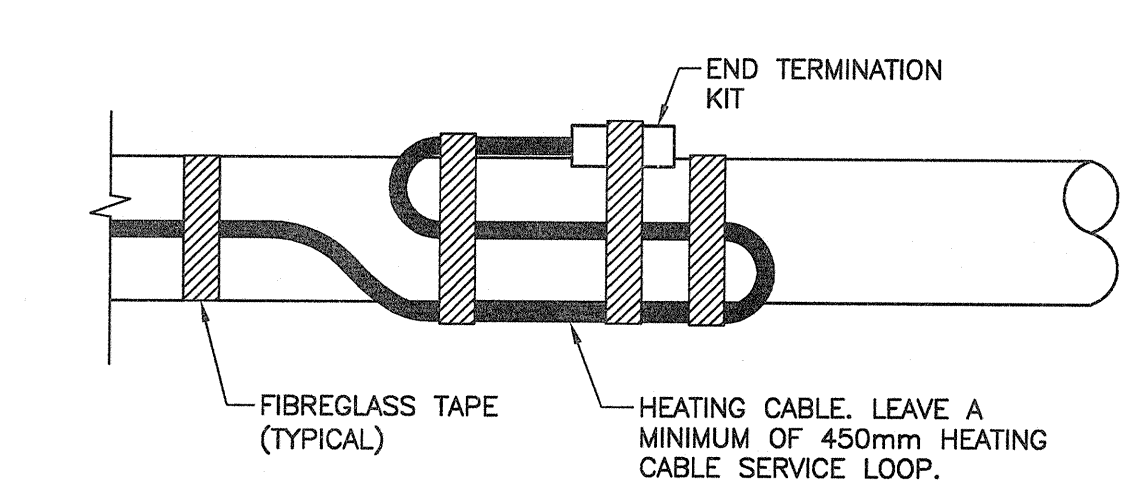
**TYPICAL HEATING CABLE MINIMUM COVERAGE OVER PIPE HANGERS AND SUPPORT CHANNELS**  
SCALE: N.T.S.



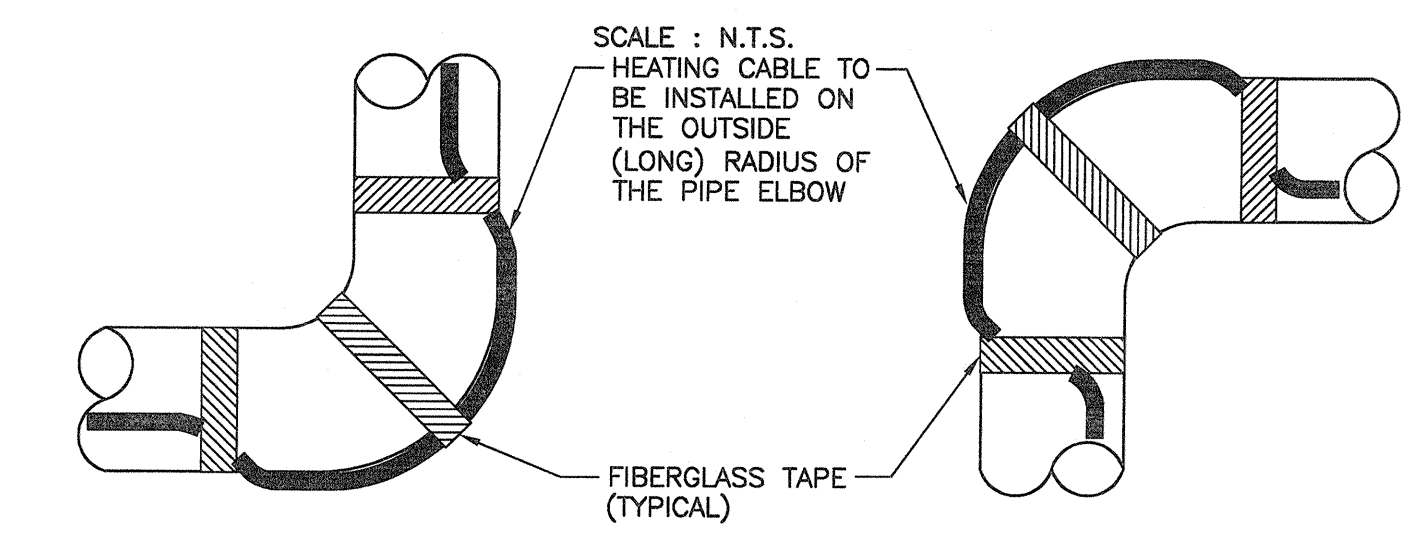
**TYPICAL HEATING CABLE MINIMUM COVERAGE OVER PIPE FLANGE**



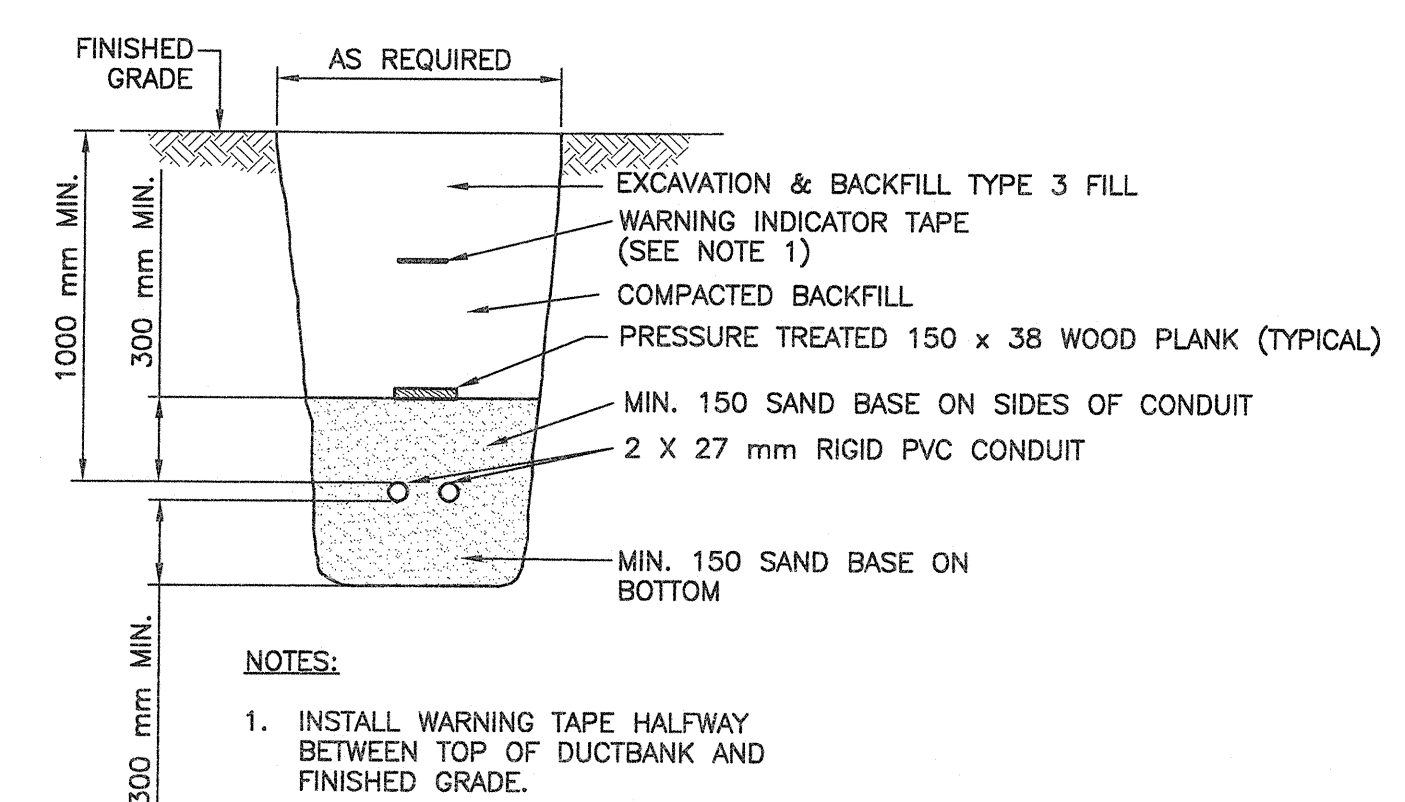
**TYPICAL POWER & SENSOR INSTALLATION**  
SCALE: N.T.S.



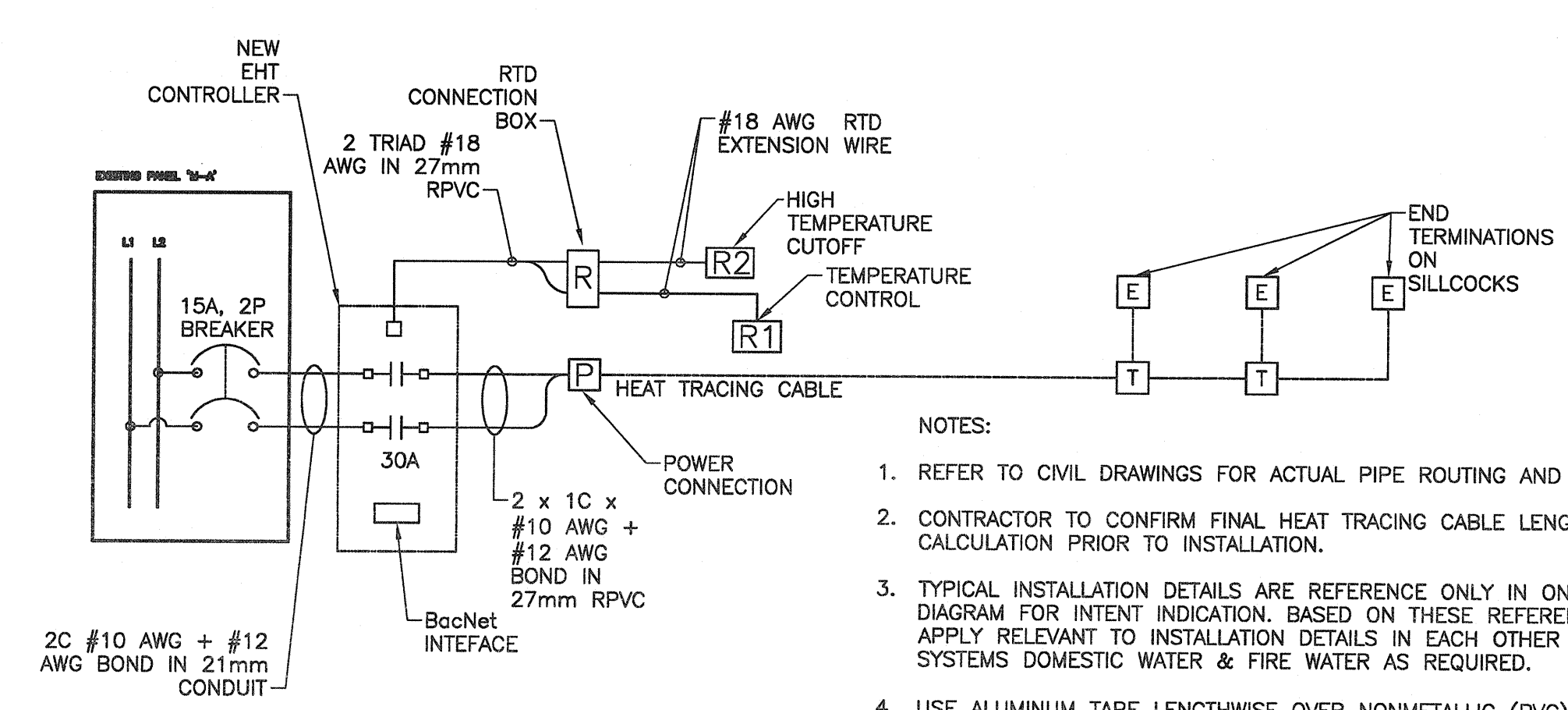
**TYPICAL HEATING CABLE END TERMINATION KIT INSTALLATION**  
SCALE: N.T.S.



**TYPICAL HEATING CABLE INSTALLATION AT PIPE ELBOW**  
SCALE: N.T.S.

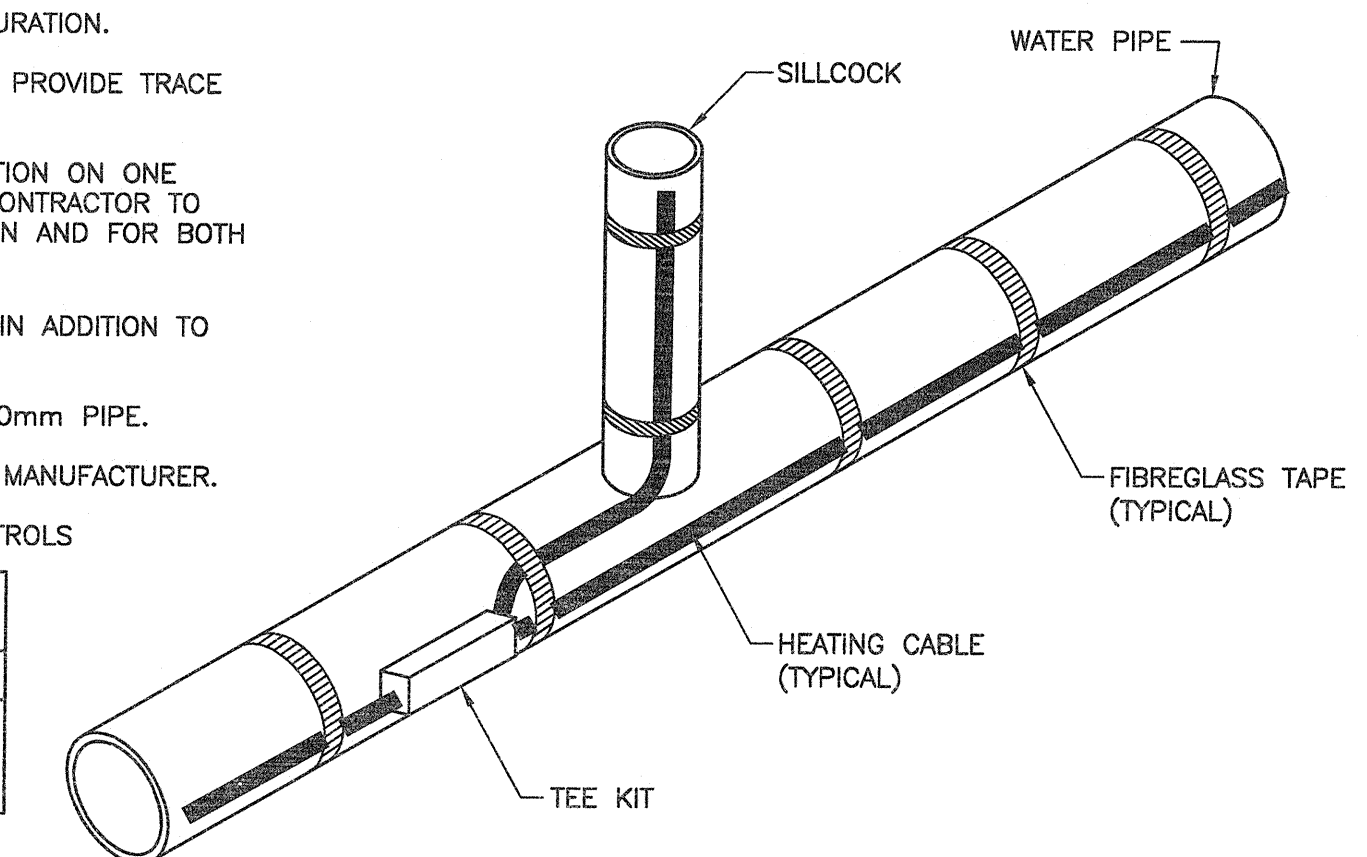


**TRENCH SECTION FOR CABLE IN DIRECT BURIED DUCTS**  
SCALE: N.T.S.

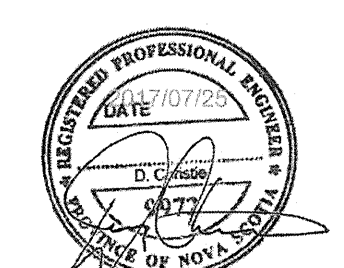


| HEAT TRACE CABLE |                    |   |
|------------------|--------------------|---|
| PIPE SIZE (mm)   | APPROX. LENGTH (m) | DESCRIPTION   |
| 50               | 55                 | SELF REGULATING HEAT TRACING CABLE RATED AT 16W/m AT 5°C; TRACE RATIO 1 |
| 25               | 3                  |   |

**SCHEMATIC - HEAT TRACE**  
SCALE: N.T.S.



**TYPICAL HEATING CABLE TEE INSTALLATION**  
SCALE: N.T.S.



|           |                   |      |         |
|-----------|-------------------|------|---------|
| C01       | ISSUED FOR TENDER | admc | JULY 24 |
| revisions |                   |      | date    |

project  
**BEDFORD INSTITUTE OF OCEANOGRAPHY WATER UPGRADES DARTMOUTH, NOVA SCOTIA**

drawing  
**ELECTRICAL SITE PLAN AND DETAILS**

|                       |                                |
|-----------------------|--------------------------------|
| designed D.C.         | conçu                          |
| date                  |                                |
| drawn S.M.            | dessiné                        |
| date                  |                                |
| approved              | approuvé                       |
| date                  |                                |
| Tender                | Soumission                     |
| PWGSC Project Manager | Administrateur de projets TPSC |
| project number        | no. du projet                  |
| <b>R.0812155.001</b>  |                                |
| drawing no.           | no. du dessin                  |
| <b>E01</b>            |                                |