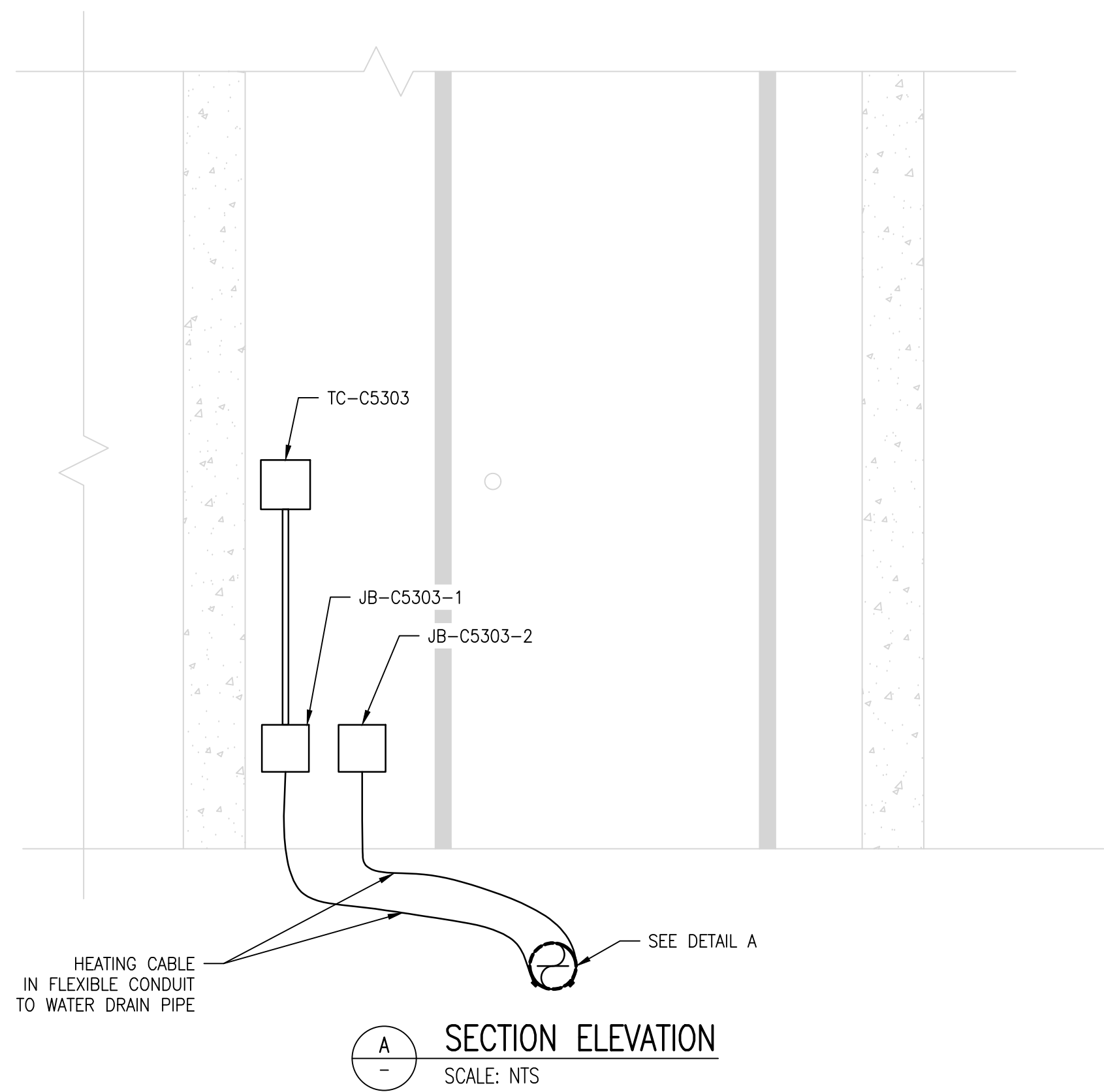
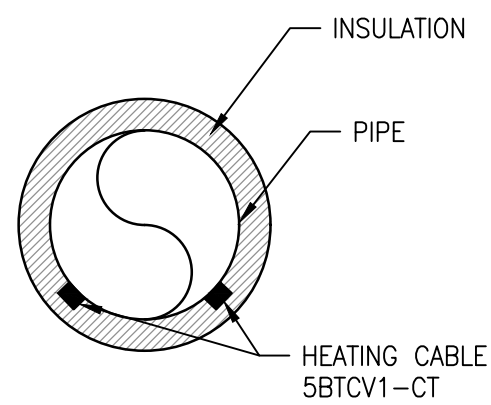


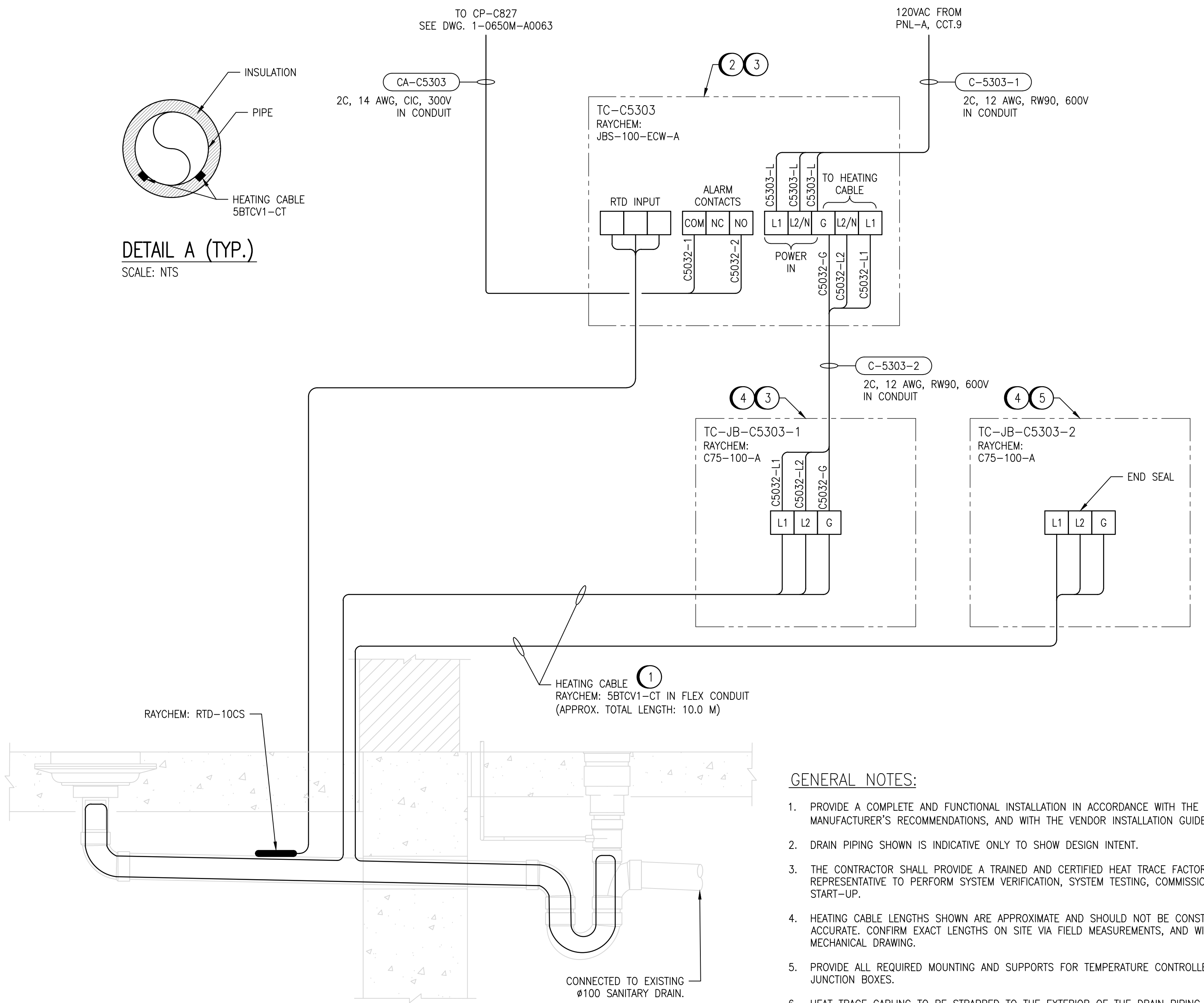
CHLORINE TONNER ROOM VESTIBULE 2  
SCALE: 1 : 20



SECTION ELEVATION  
SCALE: NTS





DETAIL A (TYP.)  
SCALE: NTS



SECTION PIPE ELEVATION  
SCALE: NTS

- GENERAL NOTES:**
1. PROVIDE A COMPLETE AND FUNCTIONAL INSTALLATION IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS, AND WITH THE VENDOR INSTALLATION GUIDE.
  2. DRAIN PIPING SHOWN IS INDICATIVE ONLY TO SHOW DESIGN INTENT.
  3. THE CONTRACTOR SHALL PROVIDE A TRAINED AND CERTIFIED HEAT TRACE FACTORY REPRESENTATIVE TO PERFORM SYSTEM VERIFICATION, SYSTEM TESTING, COMMISSIONING AND START-UP.
  4. HEATING CABLE LENGTHS SHOWN ARE APPROXIMATE AND SHOULD NOT BE CONSTRUED AS ACCURATE. CONFIRM EXACT LENGTHS ON SITE VIA FIELD MEASUREMENTS, AND WITH THE MECHANICAL DRAWING.
  5. PROVIDE ALL REQUIRED MOUNTING AND SUPPORTS FOR TEMPERATURE CONTROLLER AND JUNCTION BOXES.
  6. HEAT TRACE CABLE TO BE STRAPPED TO THE EXTERIOR OF THE DRAIN PIPING IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. DO NOT APPLY POWER CABLE ON OTHER SIDE OF TERMINALS.
  7. NOT ALL EQUIPMENT FOR A COMPLETE HEAT TRACING SYSTEM IS SHOWN.

- SPECIFIC NOTES:**
- 1 HEAT TRACE CABLE TO BE RUN TWICE ALONG THE UNDERSIDE OF THE DRAIN PIPING. PROVIDE ONE INCH INSULATION AROUND PIPE. PROVIDE HEAT TRACE CABLE PIPE STRAPS.
  - 2 SET TEMPERATURE CONTROLLER TO HAVE A MAINTAIN TEMP. OF 5°C FOR FREEZE PROTECTION.
  - 3 LOCATION OF TEMPERATURE CONTROLLER AND JUNCTION BOX ARE APPROXIMATE ONLY. REFER TO DRAWING 1-0650M-EXX2-001 FOR OTHER EQUIPMENT BEING INSTALLED IN VESTIBULE.
  - 4 RAYCHEM C75-100-A IS A HEATING CABLE GLAND KIT TO TRANSFER FROM POWER TO HEATING CABLE. KIT DOES NOT COME WITH ENCLOSURE. CONTRACTOR TO PROVIDE SEPARATE JUNCTION BOX TO HOUSE GLAND KIT EQUIPMENT. PROVIDE HAMMOND NEMA 4X, 6 in X 6 in X 4 in (152 MM X 152 MM X 102 MM), STAINLESS STEEL JUNCTION BOX C/W TERMINAL BLOCKS. PART NUMBER C4XSC664SS
  - 5 PROVIDE ANOTHER RAYCHEM C75-100-A IN A CONTRACTOR SUPPLIED JUNCTION BOX TO ACT AS AN ABOVE GROUND CABLE SEAL. DO NOT INSTALL POWER CABLES IN THIS JUNCTION BOX. PROVIDE ANY ADDITIONAL EQUIPMENT AS REQUIRED BY THE MANUFACTURER TO ACT AS A CABLE END SEAL.
  - 6 COORDINATE WITH STRUCTURAL CONTRACTOR TO ACCOMMODATE HEAT TRACE EQUIPMENT IN STRUCTURAL FLOOR.

					 <b>AtkinsRéalis</b> 148 Nature Park Way, Winnipeg, Manitoba Canada R3P 0X7 204-786-8080		ENGINEER'S SEAL		 <b>THE CITY OF WINNIPEG</b> WATER AND WASTE DEPARTMENT									
					DESIGNED BY: V. ELIMBAN		CHECKED BY: V. ELIMBAN		HURST PUMPING STATION CHLORINE SYSTEM UPGRADES ELECTRICAL – WIRING DIAGRAM CHLORINE BUILDING DRAIN PIPING HEAT TRACE, TEMP. CONTROLLER TC-C5303									
					DRAWN BY: J. GRACASIN		APPROVED BY: V. ELIMBAN											
					SCALE: NTS		ISSUED FOR CONSTRUCTION BY: M. SKINNER											
					DATE: 2024/03/20		DATE: 2025/04/30											
					CONSULTANT NO.:													
00 ISSUED FOR TENDER AND CONSTRUCTION					2025/04/30		VE		VE		CITY DRAWING NUMBER		SHEET		REV.		SIZE	
NO. REVISIONS					DATE		DESIGN		CHECK		1-0650M-E0047		001		00		A1	