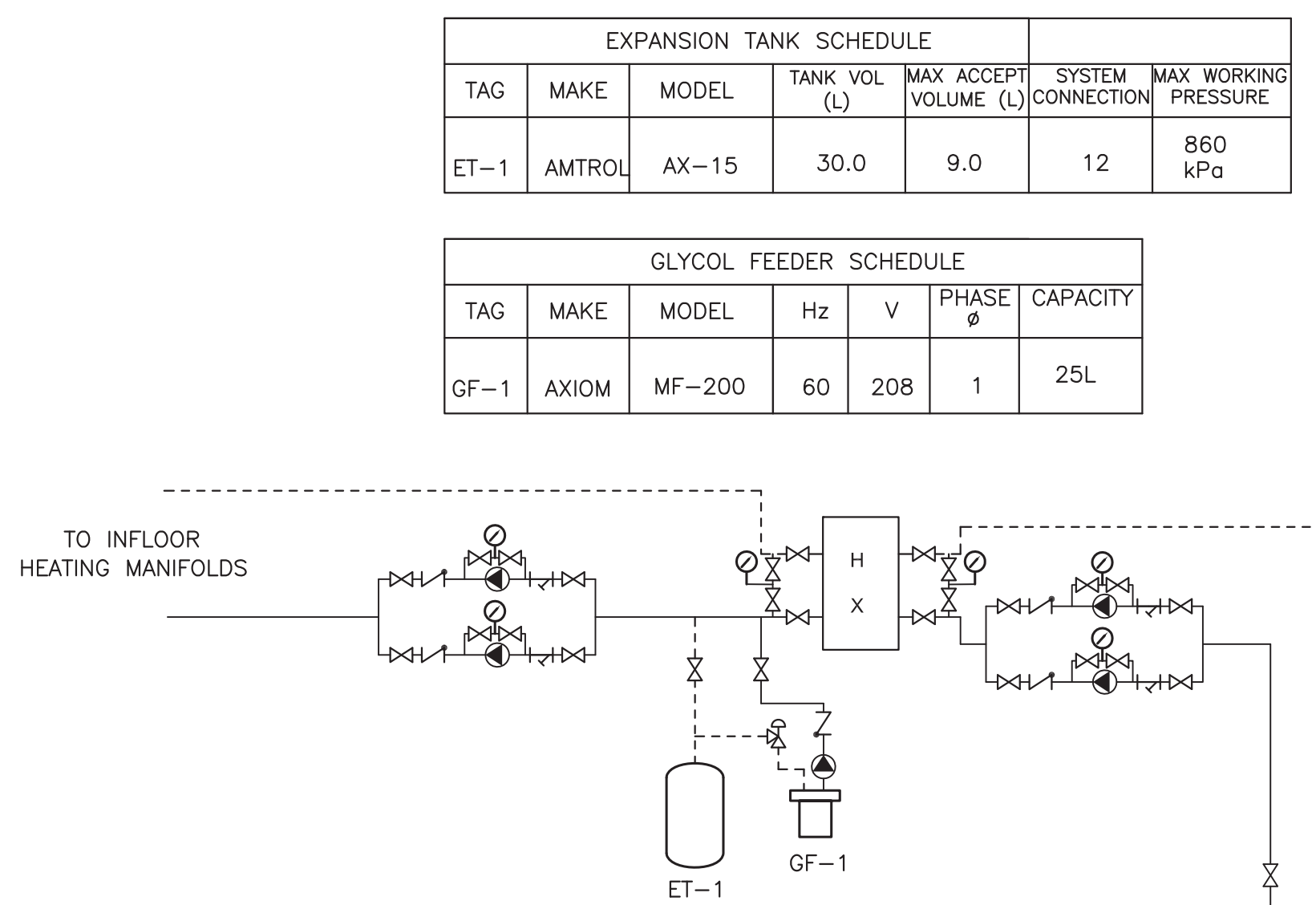


REFER TO SCHEDULE FOR NUMBER OF LOOPS

DETAIL - INFLOOR MANIFOLD

N.T.S.

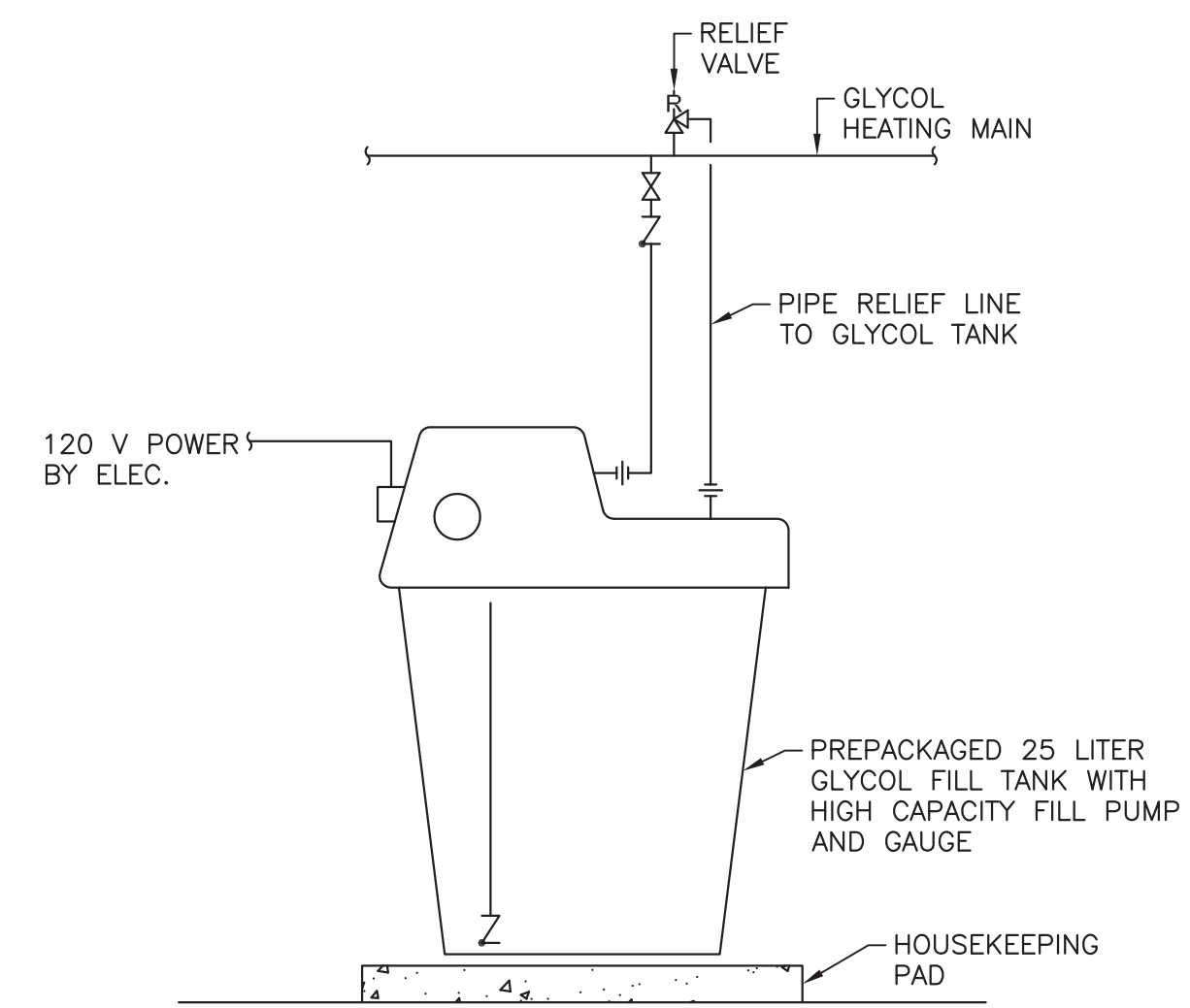
3
M-804/M-804



DETAIL - HEAT EXCHANGER

N.T.S.

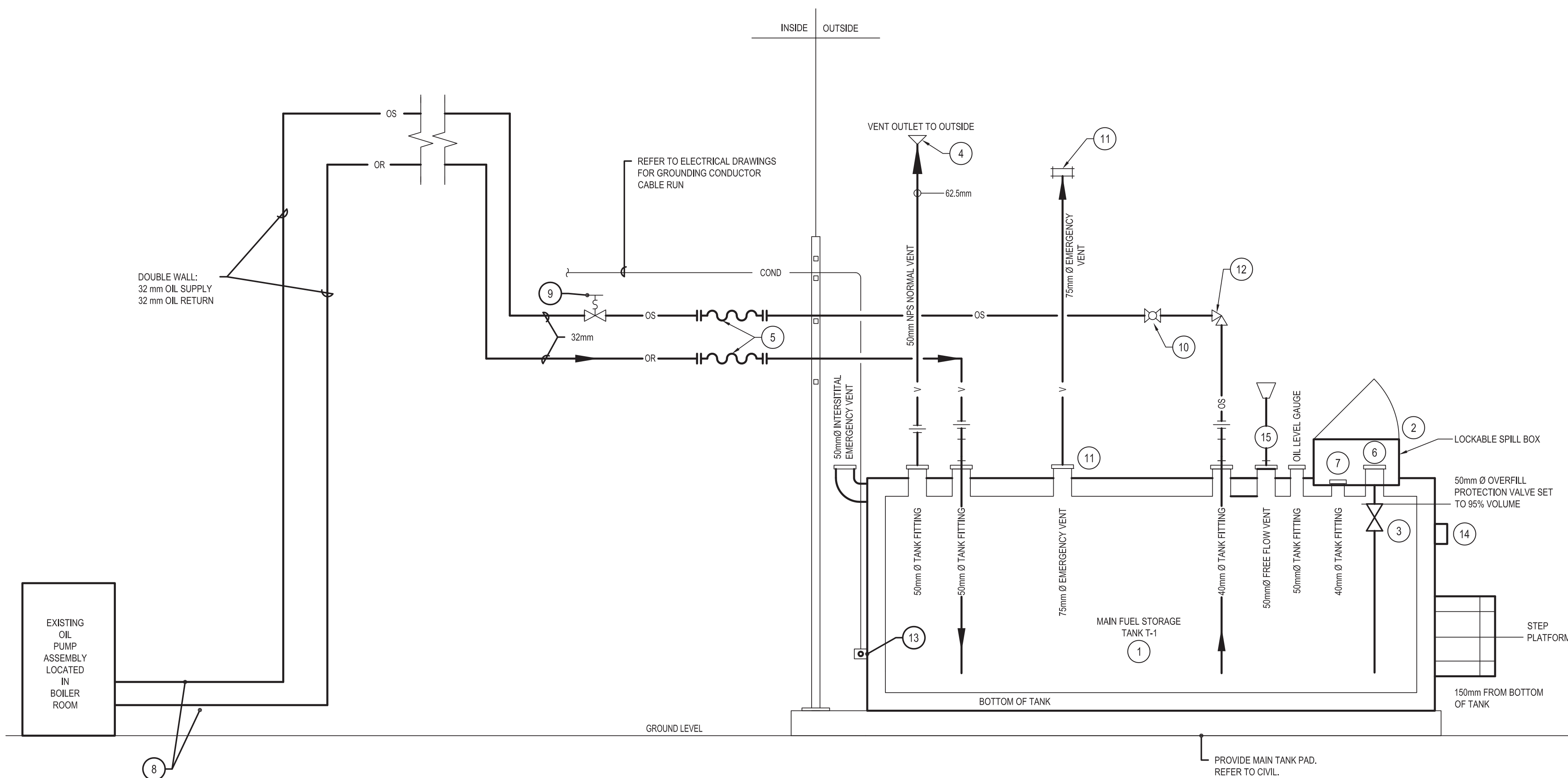
2
M-804/M-804



DETAIL - GLYCOL FEED TANK

N.T.S.

1
M-804/M-804



DETAIL - OIL TANK

N.T.S.

4
M-804/M-804

1. MAIN FUEL STORAGE TANK (T-1), ULC-S671 (LATEST EDITION), ABOVEGROUND DOUBLE WALL VERTICAL, 360" DOUBLE WALL CONTAINED, ASTM A1011 STEEL FOR INNER AND OUTER WALLS
2. INTEGRATED FUEL SPILL COLLECTOR, CARBON STEEL CONSTRUCTION, PROVIDED WITH 12 MM LOW POINT DRAIN CONNECTION.
3. ABOVE GROUND STORAGE TANK OVERFILL PREVENTION VALVE, ULC APPROVED, 50 MM VALVE ASSEMBLY FOR INSTALLATION INTO 100 MM NOZZLE. VALVE MATERIAL TO BE ALUMINUM WITH STAINLESS STEEL TRIM AND POLYETHYLENE FLOATS. WORKING PRESSURE 0-700 KPA, FLOW RATE 12.6 L/S @ 140 PSIG. VALVE TO SHUT FUEL FLOW AT 95% TANK VOLUME. STANDARD OF ACCEPTANCE, EBW - WARDEN ASTD MODEL NO. 709-420-01, OR EQUIVALENT.
4. 50 MM TANK VENT TO BE A MINIMUM OF 2.13 M ABOVE FINISHED GRADE, STANDARD OF ACCEPTANCE: FRANKLIN FUELING SYSTEMS MODEL 800 TANK VENT
5. FLEXIBLE CONNECTOR FOR FLAMMABLE LIQUIDS SERVICE, CONFORMING TO ULC536.
6. 50mm MALE QUICK CONNECT ADAPTOR COUPLER WITH BOSS INSTALLED ACROSS INLET TO PROHIBIT OPEN FILLING, AND FEMALE QUICK CONNECT DUST CAP, CHAINED TO MALE ADAPTOR. MATERIAL ALUMINUM. STANDARD OF ACCEPTANCE: OPW MODEL NO. 633AST SERIES, OR EQUIVALENT.
7. 12mm LOCKABLE DIP PORT AND LOW POINT DRAIN
8. CONNECT NEW OIL SUPPLY AND RETURN LINES TO EXISTING OIL PUMPS LOCATED IN BOILER ROOM.
9. FIRE SAFETY VALVE C/W CASING CAPABLE OF WITHSTANDING 540°C AND A FUSIBLE LINK TEMPERATURE RATING NOT EXCEEDING 177°C CONFORMING TO CAN/ULC-S651 "EMERGENCY VALVES FOR FLAMMABLE AND COMBUSTIBLE LIQUIDS".
10. SHUT-OFF VALVE PER ULC/ORD-C842-84 "MHZ" DESIGNATION
11. EMERGENCY PRESSURE VENT, STANDARD OF ACCEPTANCE: PROTECTOSEAL SERIES 7800
12. ANTI-SIPHON VALVE APPROVED FOR FUEL USE, ULC APPROVED, STANDARD OF ACCEPTANCE: EBW MODEL NO. 606-300-ZZ.
13. GROUND CONNECTOR, STANDARD OF ACCEPTANCE: BURNDY TYPE GC2626
14. INTEGRAL VACUUM MONITORING BOX C/W GAUGE AND PROTECTIVE COVER
15. HIGH FLOW RATE TANK WHISTLE ALARM. GRANBY E550-999M LONG STEM RED

prime consultant:

ARCHITECTURE 49

sub consultant:



GENERAL NOTES:

1. CONTRACTOR TO VERIFY ALL DIMENSIONS & EXISTING CONDITIONS ON SITE. ANY DISCREPANCIES OR UNSATISFACTORY CONDITIONS TO BE REPORTED TO THE OWNER'S REPRESENTATIVE BEFORE PROCEEDING WITH THE WORK.
2. COORDINATE ALL MECHANICAL WORK INCLUDING REMOVAL OF EXISTING MECHANICAL EQUIPMENT ON SITE WITH THE GENERAL CONTRACTOR, OTHER TRADES AND THE OWNER'S REPRESENTATIVE.
3. INFORMATION PERTAINING TO EXISTING MECHANICAL EQUIPMENT SHOWN ON THE DRAWINGS IS BASED ON AS-BUILT INFORMATION PROVIDED BY THE OWNER. THESE DRAWINGS MAY NOT FULLY OR ACCURATELY REFLECT THE EXISTING CONDITIONS. EQUIPMENT AND SERVICES MAY NOT BE IN THE EXACT LOCATION SHOWN. CONFIRM ALL EXISTING CONDITIONS IN FIELD. REFER TO ARCHITECTURAL DRAWINGS FOR EXTENT OF ARCHITECTURAL WORK.
4. WHERE MECHANICAL SERVICES (PIPING, DUCT, ELECTRICAL AND CONTROLS) ARE CALLED UP TO BE REMOVED COMPLETE, ALL REDUNDANT SERVICES TO BE CAPPED CONCEALED IN CEILING, WALLS OR BELOW FLOOR. CAP REDUNDANT SERVICES BACK WITHIN 150mm OF PIPE MAIN, DUCT MAIN, JUNCTION BOX, PANEL, ETC
5. TEST ADJUST AND BALANCE ALL AIR SYSTEMS TO VALUES SHOWN ON DRAWINGS AND AS DETAILED IN ACCORDANCE WITH THE CONTROL SEQUENCE. INCLUDE ALL MODES OF OPERATION IN THE TAB. COORDINATE THE SAME WITH THE TAB CONTRACTOR. TAB CONTRACTOR SHALL BE NEBB CERTIFIED.
6. ALL DEMOLITION TO BE CARRIED OUT IN ACCORDANCE WITH THE ARCHITECTURAL PHASING DRAWINGS. REFER TO ARCHITECTURAL DRAWINGS A-104 TO A-107.
7. MECHANICAL COMMISSIONING TO BE COMPLETED IN ACCORDANCE WITH THE ARCHITECTURAL PHASING DRAWINGS. REFER TO ARCHITECTURAL DRAWINGS A-104 TO A-107. MECHANICAL CONTRACTOR IS RESPONSIBLE TO COORDINATE COMMISSIONING SCHEDULE WITH COMMISSIONING AGENT.

0	ISSUED FOR TENDER	MAR 30, 2017
revisions		date

project
WABUSH ATB RENOVATION
WABUSH AIRPORT
WABUSH, NL

drawing
HEATING DETAILS

designed TG conçu

date

drawn KK dessiné

date APRIL 2016

approved approuvé

date

Tender Soumission

PWOSC Project Manager Administrateur de projets TPSGC

project number no. du projet

R.076412.001

drawing no. no. du dessin

M-804