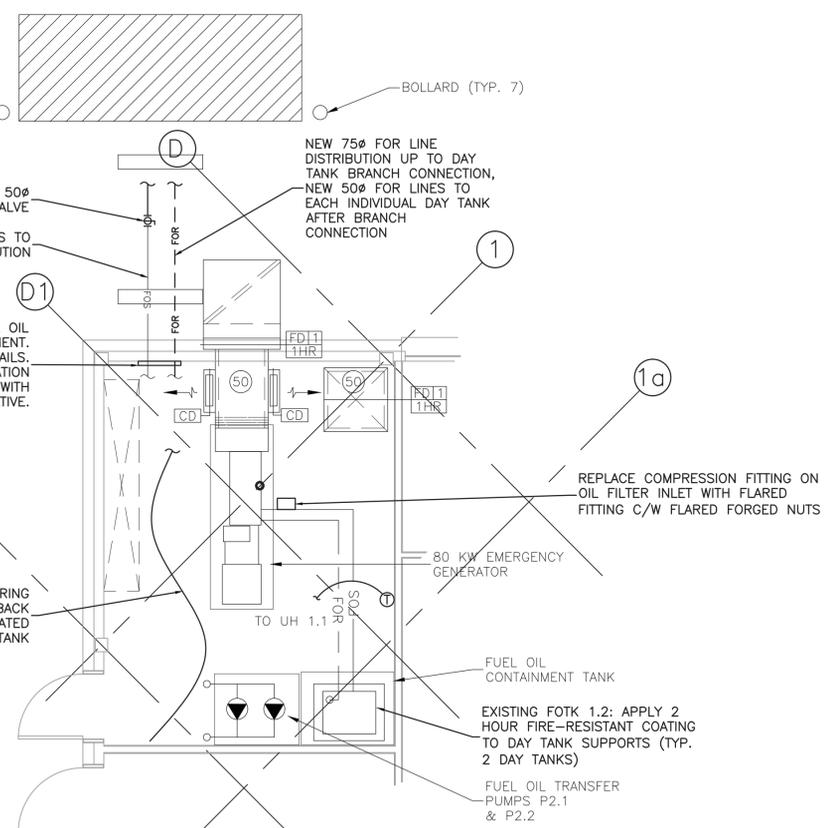
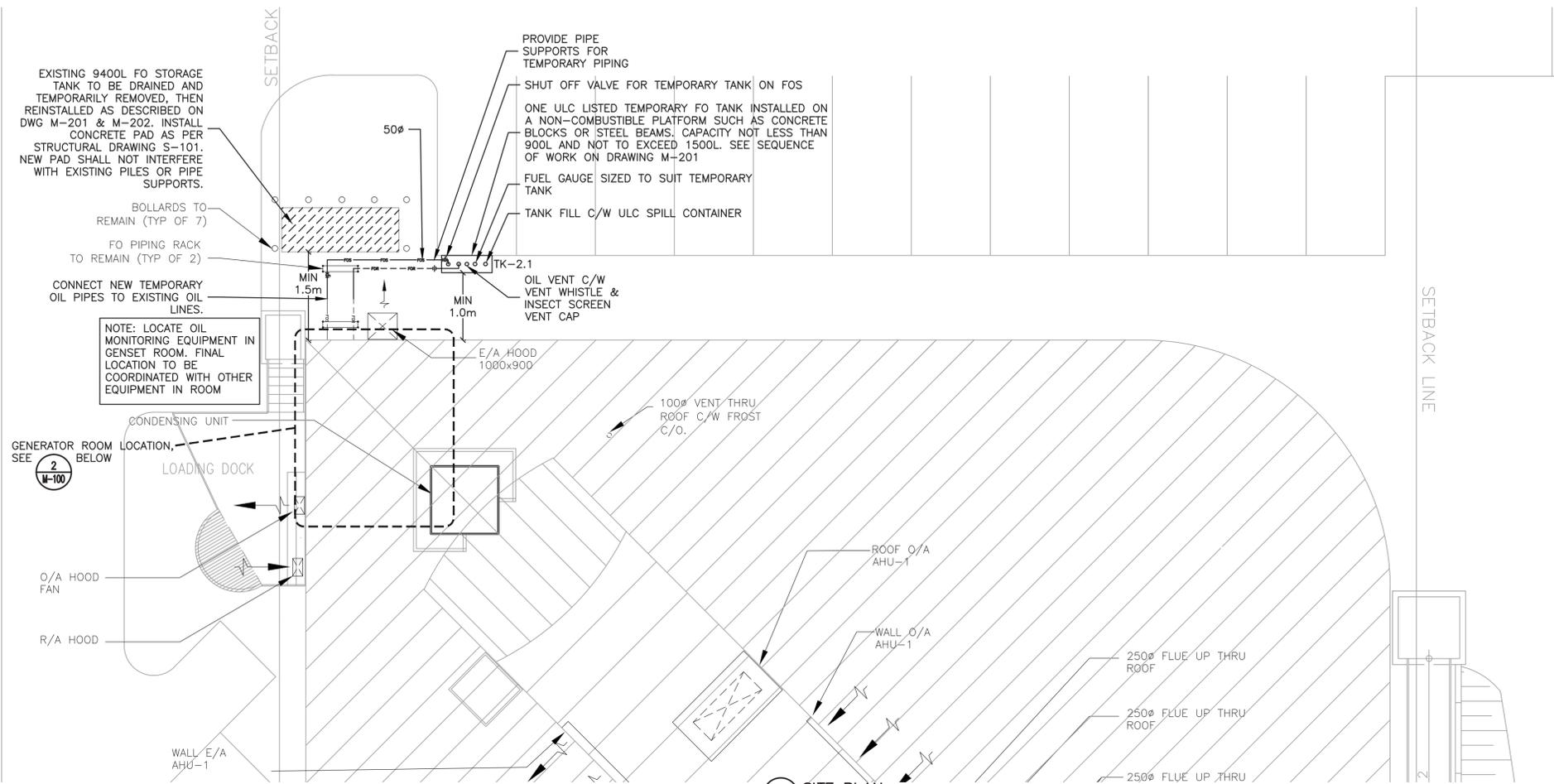


NOTE:
 LIGHT TEXT AND EQUIPMENT ARE
 EXISTING. DARK TEXT AND
 EQUIPMENT ARE NEW. ALL HATCHED
 OBJECTS TO BE REMOVED



PIPING IDENTIFICATION & SYMBOLS

| | |
|------------------------------------|--------------------------------|
| — FOR — | FUEL OIL RETURN |
| — FOS — | FUEL OIL SUPPLY |
| — VENT — | VENT |
| — PIPE CAP — | PIPE CAP |
| — PIPE BREAK — | PIPE BREAK |
| — RELIEF (R) OR SAFETY (S) VALVE — | RELIEF (R) OR SAFETY (S) VALVE |
| — PUMP — | PUMP |
| — SWING GATE CHECK VALVE — | SWING GATE CHECK VALVE |
| — BALL VALVE — | BALL VALVE |
| — Y STRAINER — | Y STRAINER |
| — UNION CONNECTION — | UNION CONNECTION |
| — FLEXIBLE CONNECTOR — | FLEXIBLE CONNECTOR |
| — OIL SAFETY (CHECK) VALVE — | OIL SAFETY (CHECK) VALVE |
| — OIL FILTER W/ DRIP PAN — | OIL FILTER W/ DRIP PAN |
| — PRESSURE GAGE — | PRESSURE GAGE |

MECHANICAL NOTES

- SYSTEMS TO BE INSTALLED AS PER:
 - CANADIAN ENVIRONMENTAL PROTECTION ACT, STORAGE TANK SYSTEMS FOR PETROLEUM PRODUCTS AND ALLIED PETROLEUM PRODUCTS REGULATIONS, SOR/2008-197.
 - CSA B139-15 INSTALLATION CODE FOR OIL BURNING EQUIPMENT 2015.
 - NATIONAL FIRE CODE OF CANADA, 2010.
 - CFME ENVIRONMENTAL CODE OF PRACTICE FOR ABOVEGROUND AND UNDERGROUND STORAGE TANK SYSTEMS CONTAINING PETROLEUM AND ALLIED PETROLEUM PRODUCTS, PN 1326.
 - THE "CANADIAN ELECTRICAL CODE"
 - ALL MANUFACTURER'S INSTRUCTIONS AND SPECIFICATIONS
 ALL CODES TO BE LATEST VERSION
- CONTRACTOR SHALL BE QUALIFIED TO CONDUCT ABOVEGROUND FUEL STORAGE TANK, PIPING AND RELATED SYSTEM ALTERATIONS, REPAIRS, INSTALLATION AND REMOVAL WORKS.
- PIPING LAYOUTS ILLUSTRATED ON DRAWINGS INDICATE THE GENERAL ROUTING AND ARRANGEMENT OF PIPE WORK AND DO NOT SHOW ALL PIPING, FITTINGS, EXPANSION LOOPS, COMPENSATORS, ANCHORS, GUIDES, SUPPORTS, OFFSETS AND OTHER DEVICES REQUIRED FOR THE COMPLETE INSTALLATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL PIPING, FITTINGS, EXPANSION LOOPS, COMPENSATORS, ANCHORS, GUIDES, SUPPORTS, OFFSETS AND OTHER DEVICES REQUIRED. ANY DEVIATION FROM THE NEAT ORGANIZED INTENT OF THE DESIGN MUST BE APPROVED BY THE DEPARTMENTAL REPRESENTATIVE IN ADVANCE.
- IF FURTHER CLARIFICATIONS ARE REQUIRED ON EQUIPMENT OR THE INSTALLATION OF EQUIPMENT, IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ISSUE A REQUEST FOR INFORMATION TO THE DEPARTMENTAL REPRESENTATIVE.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO RE-INSTATE SITE CONDITIONS TO MATCH THOSE THAT EXISTED PRIOR TO CONSTRUCTION. THE DEPARTMENTAL REPRESENTATIVE WILL CONDUCT A JOINT PHOTOGRAPHIC INVENTORY OF THE WORK SITE AND PERIPHERY PRIOR TO CONSTRUCTION TO ESTABLISH BASELINE CONDITIONS.
- DO NOT UNDERMINE OR COMPROMISE ANY BUILDING FOUNDATIONS OR EXISTING UNDERGROUND UTILITIES. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL UTILITY LOCATES, CLEARANCES AND PERMITS PRIOR TO ANY WORK.
- ALL FUEL PIPING SHALL BE SLOPED BACK TO DRAIN TOWARDS THE FUEL TANK WITH MIN. 1% SLOPE.
- ALL BUILDING WALL AND FLOOR PENETRATIONS TO BE SEALED WITH FIRE-PROOFING MATERIAL TO A MINIMUM FIRE RESISTANCE RATING OF 2 HOURS BY A CERTIFIED FIRE PROOFING CONTRACTOR.
- THREADS ON ALL PIPING PASSING THROUGH BUILDING WALLS AND FLOORS SHALL HAVE AT LEAST 25mm OF STRAIGHT PIPE ON BOTH SIDES OF THE WALL AND FLOOR.
- THE CONTRACTOR SHALL REMOVE AND DISPOSE OF EXISTING PIPING, EQUIPMENT, WASTE PRODUCT ETC. AS PER FEDERAL AND TERRITORIAL REGULATIONS.
- SCAN ALL FLOORS PRIOR TO CORING FOR NEW INSTALLATIONS. ADJUST LOCATIONS TO MISS REINFORCING STEEL, ELECTRICAL CONDUIT, ETC OR OBTAIN APPROVAL FROM DEPARTMENTAL REPRESENTATIVE IF RELOCATION IS NOT POSSIBLE.



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Legend

Notes

| Revision | By | Appd. | YY.MM.DD |
|----------|-----------------------|-------|----------------|
| B | ISSUED FOR TENDER | DB | IF 15.07.28 |
| A | ISSUED FOR PPM REVIEW | DB | IF 15.05.26 |
| Issued | | By | Appd. YY.MM.DD |

File Name: 14491910_Fuel Oil Mech.dwg
 Dwn. Chkd. Dsgn. YY.MM.DD

Permit-Seal



Client/Project
 GOVERNMENT OF CANADA

GOVERNMENT OF CANADA BUILDING
 OIL TANK UPGRADES
 IQALUIT, NU

Title
 OUTDOOR FUEL OIL SYSTEM
 DEMOLITION AND TEMPORARY WORKS

| | |
|--------------------------|-------------------|
| Project No. 163301865 | Scale AS SHOWN |
| Drawing No. M-100 | Sheet 2 of 5 |
| | Revision A |

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 2015/07/28 1:20 PM By: Cyprien.Walby