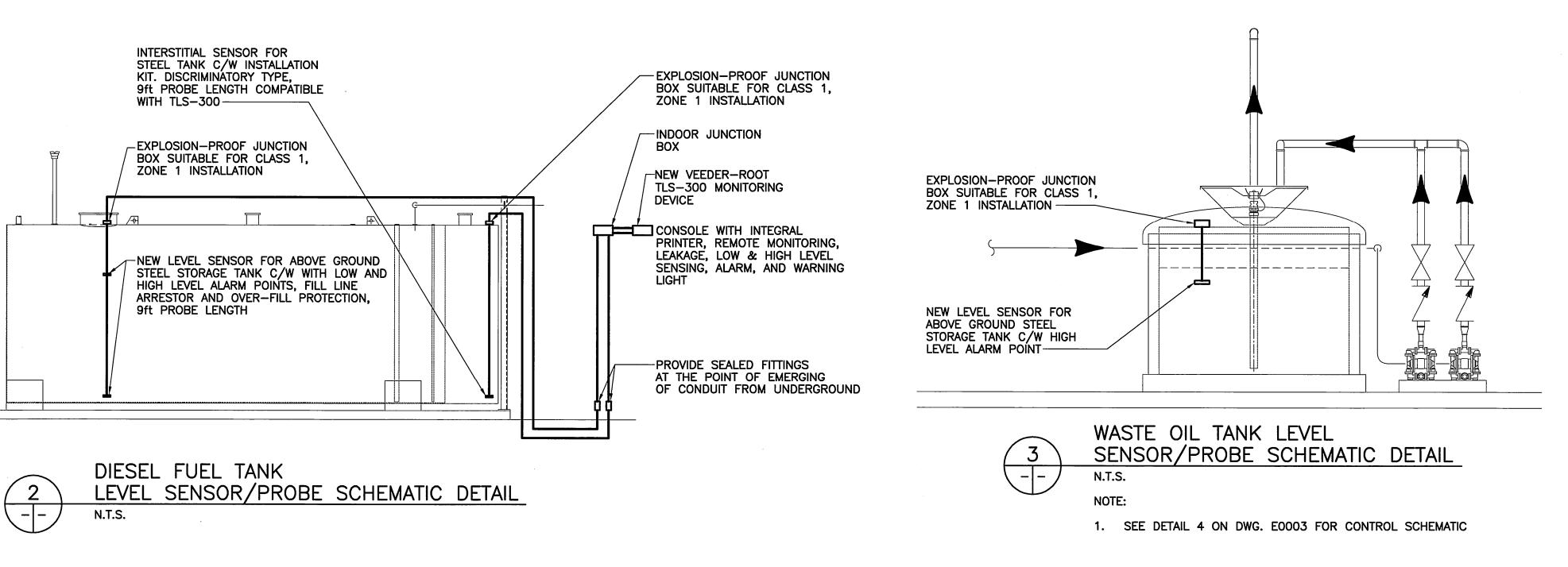
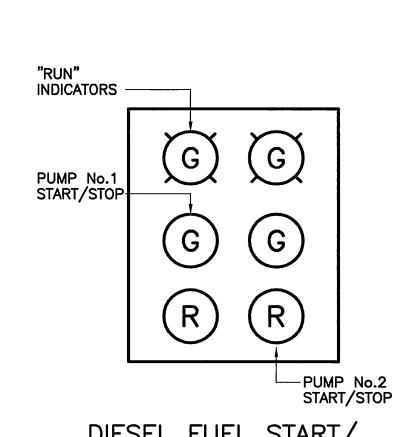


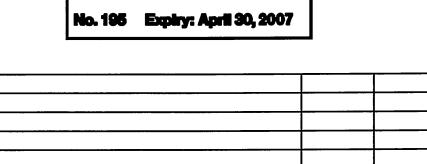
NOTE:

- TO MAINTAIN THE INTRINSICALLY SAFE INTEGRITY OF THE INSTALLED CONSOLE, SENSOR & PROBE CONDUIT CAN SHARE THE SAME TRENCHES WITH POWER CONDUITS.
- INSTALL CONDUIT FROM ALL PROBE AND SENSOR LOCATIONS TO THE CONSOLE'S LOCATION. KNOCKOUTS FOR CONDUIT ARE PROVIDED IN THE INTRINSICALLY SAFE AREA OF THE CONSOLE FOR PROBE AND SENSOR WIRING.
- THE RIGID METAL CONDUITS MUST BE THREADED AND PROPERLY SEALED IN ACCORDANCE WITH THE LATEST EDITION OF THE CANADIAN ELECTRICAL CODE, SECTION 18-HAZARDOUS LOCATIONS (I.E. CLASS I, ZONE 1 INSTALLATION).
- INTRINSICALLY SAFE WIRING: BONDED CONDUIT MEANS THAT THE METALLIC SECTIONS OF CONDUIT ARE PERMANENTLY JOINED TO FORM AN ELECTRICALLY CONDUCTIVE PATH THAT WILL ASSURE ELECTRICAL CONTINUITY AND THAT THE CONDUIT HAS THE CAPACITY TO CONDUCT SAFELY, ANY CURRENT LIKELY TO BE IMPOSED.
- BONDED AND NON-BONDED CONDUIT: THE WIRING BETWEEN THE MONITOR AND EACH PROBE/SENOR LOCATION MUST BE #16AWG.STRANDED COPPER WIRES WITHIN A SHIELDED CABLE.
- CONNECT THE BARRIER GROUND TO THE EARTH ROUND BUS AT THE CLOSEST POWER DISTRIBUTION PANEL WITH #12AWG (OR LARGER) CONDUCTOR.
- INTRINSICALLY SAFE WIRING SHALL BE INSTALLED IN ACCORDANCE WITH THE
- LATEST EDITION OF THE CANADIAN ELECTRICAL CODE. ELECTRICAL RATING POWER INPUT 120VAC 60HZ 100VA MAXIMUM FOR CONSOLE
- WITH INTEGRAL PRINTER. INSTALL BUILDING WIRES IN CONDUIT SYSTEMS IN ACCORDANCE WITH SECTION 16-133 - CONDUITS, CONDUIT FASTENINGS AND CONDUIT FITTINGS.
- TERMINATE CABLES IN ACCORDANCE WITH SECTION 16151-WIRE AND BOX CONNECTORS - 0 -1000 V.





DIESEL FUEL START/ STOP STATION DETAIL N.T.S.



APEGIN

Wardrop Engineering Inc.

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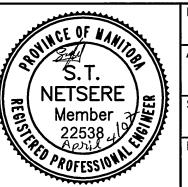
CITY OF WINNIPEG TRANSIT DEPARTMENT

WARDROP

Engineering Inc.

PROJECT NAME PETROLEUM STORAGE AND HANDLING SYSTEMS REPLACEMENT

ELECTRICAL EQUIPMENT LAYOUT AND SCHEMATIC DETAILS @ 1520 MAIN STREET FACILITY



CHECKED BY: H.P.C.C. S.N. APPROVED BY:

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