



**NOTES:**

1. PROVIDE CUSTOM LIQUID GREASE COLLECTION SYSTEM WITH STAND ALONE PUMP STATION, STORAGE TANK, CONTROLS, WIRING PIPE AND FITTINGS, VALVES AND ACCESSORIES, AS INDICATED ON THE DRAWINGS AND AS SPECIFIED IN SECTION 221319. 2. BASIS OF DESIGN: FRONTLINE INTERNATIONAL MODEL 4280-NA, LIQUID GREASE COLLECTION SYSTEM.

**KEY NOTES:**

- (1) SEISMIC ANCHORS: PROVIDE PER REQUIREMENTS OF SECTION 220545.
- (2) HEAT TRACE CABLE FOR LIQUID GREASE FLOW MAINTENANCE: PROVIDE PER REQUIREMENTS OF SECTION 220520, ARTICLE 2.3 AND 3.3.
- (3) PRIMARY LIQUID LEVEL SENSOR AND OVERFLOW FLOAT SWITCH: MOUNT INDEPENDENTLY OF OTHER ELECTRICAL DEVICES, CONDUIT AND WIRING. PROVIDE MEANS FOR QUICK DISCONNECT OF LIQUID LEVEL SENSOR AND FLOAT SWITCH AND REMOVAL OF LIQUID LEVEL SENSOR AND FLOAT SWITCH, WITHOUT DISCONNECTION OR RELOCATION OF OTHER ELECTRICAL DEVICES AND WIRING.
- (4) TANK CONTROL PANEL: MOUNT IN WEATHERPROOF NEMA ENCLOSURE ON EXTERIOR OF TANK. PROVIDE TANK CONTROL PANEL WITH "POWER", "CALL FOR PICKUP", "TANK FULL" AND "EMERGENCY LOCKOUT" INDICATION LIGHTS.
- (5) HOUSEKEEPING PAD: PROVIDE PER PDX TECHNICAL GUIDELINE SPECIFICATIONS AND STANDARD DETAILS.
- (6) BOLLARD (BOLT-IN-PLACE): PROVIDE PER PDX TECHNICAL GUIDELINE SPECIFICATIONS AND STANDARD DETAILS.
- (7) PIPE INSULATION AND JACKETING: PROVIDE PER REQUIREMENTS OF SECTIONS 221319 AND 220719.
- (8) PUMP CONTROL PANEL: PROVIDE WITH PUMP ON/OFF SWITCH, PUMP "POWER" INDICATION LIGHT, AND TANK REMOTE "CALL FOR PICKUP" AND "TANK FULL" INDICATION LIGHTS.
- (9) TANK ELECTRICAL DISCONNECT: WALL MOUNT ADJACENT TO TANK IN WEATHERPROOF NEMA ENCLOSURE.
- (10) PROVIDE ECCENTRIC REDUCERS AT REDUCTIONS IN PIPE SIZE.