



BUILDING PLAN

N.T.S.

MATERIAL AND EQUIPMENT LIST

1. MASONRY BLOCK BUILDING WITH WOOD ROOF. SIZE AS REQUIRED FOR EQUIPMENT FURNISHED.
2. ELECTRICAL SERVICE SECTION AND MAIN PER ELECTRICITY UTILITY REQUIREMENTS. MOUNT TO CONCRETE PAD WITH ST. STL. WEDGE ANCHORS.
3. MOTOR CONTROL CENTER, MOUNT TO CONCRETE PAD.
4. EMERGENCY STANDBY GENERATOR WITH VIBRATION ISOLATORS. MOUNT TO GENERATOR FOUNDATION WITH CAST IN PLACE OR DRILLED AND EPOXY ANCHOR BOLTS.
5. GRAVITY INTAKE LOUVER WITH AUTOMATIC SHUTTERS AND INTAKE SCREEN.
6. FIXED INTAKE LOUVER WITH INTAKE SCREEN, MOUNT FLUSH WITH EXTERIOR WALL.
7. EXHAUST VENTILATOR OPERATED BY ADJUSTABLE THERMOSTAT AND 24-HOUR TIMER. SIZE FOR MINIMUM OF 15 AIR CHANGES PER HOUR.
8. ENAMELED CAST IRON CLEANUP SINK 22" X 18" X 12".
9. PACKAGED AERATION BLOWER UNIT IF REQUIRED WITH INLET AND EXHAUST SILENCER, WEIGHTED AIR RELIEF VALVE, BALL VALVE, CHECK VALVE, AND APPURTENANCES.
10. CONCRETE PAD.
11. WASH WATER WITH 3/4" HOSE BIBS.
12. HOLLOW METAL DOOR.
13. EXHAUST LOUVER WITH GRAVITY AUTOMATIC SHUTTERS AND SCREEN. SIZE PER GENERATOR MANUFACTURER AND TO ALLOW REMOVAL OF GENERATOR THROUGH THE WALL OPENING.
14. SMALL GENERATOR 5,000-6500 WATT COULD BE USED AS POWER LIGHTING AND SCADA (PROPANE)

NOTE

THESE PLANS ARE CONSIDERED GUIDELINES ONLY. THE DESIGN ENGINEER SHALL PREPARE PLANS SPECIFIC TO EACH LIFT STATION, BASED ON SITE SPECIFIC DATA, WESTERN'S GUIDELINES AND OTHER INDUSTRY STANDARDS AS REQUIRED.



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LIFT STATION GUIDELINES
CONTROL BUILDING
PLAN

STD. DWG.
NO.

LS-4