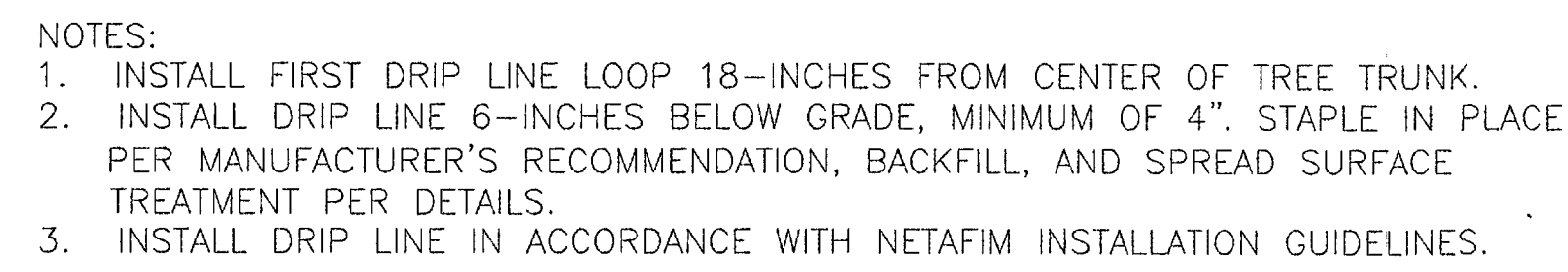


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N.T.S.



- ① PREFABRICATED 10 HP BOOSTER PUMP WITH VFD DRIVE: PUMP TO PROVIDE BOOST OF 35 PSI AT A FLOW OF 215 GPM. ASSUME INLET PRESSURE OF 50. DISCHARGE PRESSURE OF 85 PSI
- ② 4-INCH PVC CL200 PVC INLET PIPE
- ③ 4-INCH FLANGED SCH 40 STEEL EL (1 OF 5)
- ④ DUCTILE IRON PIPE (LENGTH AS REQUIRED)
- ⑤ PRESSURE GAUGE (0-200 PSI) (1 OF 2)
- ⑥ 4-INCH ISOLATION GATE VALVE
- ⑦ 4-INCH STEEL PRESSURIZED DISCHARGE PIPE FROM PUMP
- ⑧ 4-INCH CHECK VALVE
- ⑨ FLOW SENSOR/SWITCH
- ⑩ FAN THERMOSTAT
- ⑪ 4-INCH TRANSITION FITTING TO PVC
- ⑫ 4-INCH MJ x MJ DUCTILE IRON EL WITH MEGALUG, GASKETS AND JOINT RESTRAINTS (1 OF 2)
- ⑬ 4-INCH CLASS 200 PVC PIPE TO IRRIGATION MAINLINE
- ⑭ CONTROL PANEL, REQUIRES 48-INCHES OF CLEARANCE WHEN DOORS OPEN.
- ⑮ VARIABLE FREQUENCY DRIVE CONTROLS
- ⑯ POWER CABLE TO ELECTRIC BALL VALVE

- (17) CONCENTRIC REDUCER, 4-INCH TO 3-INCH (1 OF 2)
- (18) EXHAUST FAN. INCLUDE EXTERIOR VANDALISM PROTECTION.
- (19) THRUST BLOCK
- (20) PUMP ENCLOSURE: MARINE GRADE ALUMINUM ENCLOSURE WITH HINGED AND LOCKABLE COVER. OPENS FROM FRONT WITH SELF-SUPPORTING LIFT LID.
- (21) CONCRETE MOUNTING PAD, 6-INCH THICK WITH #5 REBAR 12-INCHES O.C. BOTH DIRECTIONS. USE 3000 PSI CONCRETE.
- (22) PRESSURE TRANSDUCER
- (23) 3-INCH DUCTILE IRON (FL x PE) SPOOL PIECE- LENGTH AS REQUIRED
- (24) 4-INCH MINIMUM DEPTH 3/4-INCH WASHED GRAVEL
- (25) UNEXCAVATED SUBGRADE OR 95% COMPACTED S.P.D.
- (26) 2-INCH THREAD-O-LET AND THREADED CAP
- (27) DISCHARGE PRESSURE GAUGE
- (28) ECCENTRIC REDUCER (SIZE TO MATCH PUMP SUCTION AND INLET PIPE)
- (29) ELECTRONIC BUTTERFLY VALVE (EBV) (1 OF 3)
- (30) SLEEVE PIPE PENETRATIONS (TYP.)
- (31) FINISH GRADE
- (32) 3-INCH TEE
- (33) BUTTERFLY VALVE
- (34) 3-INCH TEE



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