





GENERAL NOTES:

1. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS.
2. SUPERVISION FOR INSTALLATION, STARTING AND TESTING TO BE PROVIDED BY THE MANUFACTURER'S REPRESENTATIVE AS PART OF THE EQUIPMENT CONTRACT.
3. CONCRETE SHALL BE PORTLAND CEMENT CONCRETE AND SHALL DEVELOP A MINIMUM COMPRESSIVE STRENGTH OF 3000 P.S.I. AT 28 DAYS.
4. ALL FITTINGS AND VALVES SHALL BE INSTALLED CLASS 125 CAST IRON & D.I. MAN.
5. ALL ELECTRICAL WIRING AND EQUIPMENT INSTALLED IN THE "WET WELL" SECTION MUST COMPLY WITH ARTICLE 68 OF THE ELECTRICAL SAFETY ORDERS FOR CLASS 1, DIVISION 1, HAZARDOUS LOCATIONS, THE PROVISIONS OF THE NATIONAL ELECTRICAL CODE AND ALL APPLICABLE LOCAL CODES.
6. ALL CONDUITS TO BE GALVANIZED STEEL, WRAPPED OR PVC COATED. WIRE TO BE ENCL. OR TRUNK CONDUIT CONDUITS.
7. ALL PRACTICES AND PROCEDURES, MATERIALS AND PLACEMENT OF MATERIALS SHALL CONFORM IN EVERY RESPECT TO THE STANDARD PLANS & SPECIFICATIONS OF THE COUNTY OF LOS ANGELES.
8. FLOOR OF WET WELL TO BE SMOOTH AND LEVEL.
9. HOSE TO BE CUT TO LENGTH AND INSTALLED TAUT.
10. MOTORS SHALL EXCESS AMPS. IF RUNNING BACKWARDS.
11. ALL UNDERGROUND CONDUITS MUST BE WRAPPED OR PVC COATED.
12. ESSCO PANEL CONTROL SYSTEM.
13. PUMP CASES COATED WITH 500M COPPERS EPXY, INCLUDING AIR VENT PIPES.
14. SPARE COMP SHALL BE INCLUDED IN PANEL.
15. ALL CONDUITS BETWEEN MOTORS AND CONTROLS SHALL BE CONTINUOUS WITH NO SPLICES.

ESSCO PUMP AGENTS
 4935 TELEGRAPH ROAD
 LOS ANGELES, CALIF.
 (213) 261-8101

PUMP CAPACITY - 50 G.P.M. 16" T.D.H.
 140 R.P.M. - 6 1/2" DIA IMPELLER

NO.	REVISION	REVISED BY	APPROVED BY	DATE
1	REVISE DESCRIPTION UNIT & CHANGE TO SINGLE PHASE	UNAPPROVED	Robert P. Shaw	3-21-79

SEWAGE PUMP STATION AND FORCE MAIN
 CHECKED: Robert P. Shaw 9-24-79
 R.C.E. 20352 DATE
 APPROVED: George D. Smith 9/24/79
 DATE

NO.	DESCRIPTION	QUANTITY
1	SUBMERSIBLE PUMP AND MOTOR ESSED 3" ST TORQUE FLUID, INV. CLOS.	2
2	8" RECESSED IMPELLER, RELIANCE DOUBLE SEAL, OIL BUOYER FORM, 140 R.P.M. 2 1/2" MOTOR WITH WARNING DEVICE OR EQUAL, U.L. WITH "COOL AGENT"	2
3	3" LEVER AND SPRING CHECK VALVE FULL OPENING BRONZE MOUNTED FLANGE ENDS, KENNEDY 1/2" S.D. OF ESSCO INSORT OF EQUAL	2
4	3" HOMESEAD BALL COUPLER FULL FLOW 1/2" TURN UNLV FIN-1522 OF GATE VALVE	2
5	3" FLANGED CAST IRON PIPE FLG. X PE	2
6	3" FLANGED COUPLING ADAPTER S.S. # 316 OR BAKER #601	2
7	3" LEVER AND SPRING CHECK VALVE FULL OPENING BRONZE MOUNTED FLANGE ENDS, KENNEDY 1/2" S.D. OF ESSCO INSORT OF EQUAL	2
8	3" HOMESEAD BALL COUPLER FULL FLOW 1/2" TURN UNLV FIN-1522 OF GATE VALVE	2
9	3" FLANGED 45° CAST IRON BENDS	2
10	3" FLANGED CAST IRON TRUE WYE WITH 1/2" TAP	2
11	POWER SUPPLY ASSEMBLY FURNISHED WITH POINT TO POINT CABLE # 18 TROMMEL, 18 GROUND 0.75" DIA. EACH PUMP	2
12	3" LEVER AND SPRING CHECK VALVE FULL OPENING BRONZE MOUNTED FLANGE ENDS, KENNEDY 1/2" S.D. OF ESSCO INSORT OF EQUAL	2
13	ALTERNATING RELAY, 120V, 1 R.D.T.	2
14	COMBINATION CIRCUIT BREAKER, STARTER WITH 3 QUICK TRIP OVERLOADS, 120V. COIL AND EXTERNAL RESET BUTTON.	2
15	3" LEVER AND SPRING CHECK VALVE FULL OPENING BRONZE MOUNTED FLANGE ENDS, KENNEDY 1/2" S.D. OF ESSCO INSORT OF EQUAL	2
16	COMPRESSOR DIAPHRAGM TYPE, 120V, 1/2 HP, ESSCO L.A. CITY TEST LAB APP'D.	2
17	3/4" x 1/2" GALV. STEEL STEPS	L.S.
18	PRESSURE SWITCH #8 - LOW AIR TRANSFER FROM HYDROVANE TO ESSCO	3
19	3/8" DIA. AIR LINE IN STAINLESS STEEL BRACKETS & NYLON HARNESS TIES	1
20	ONE 8" DIA. RIGID - GANGE, 1/2" DIA. SCHEDULE 40 THREADED BODY CONNECTIVE WITH 1/2" x 1/2" COUPLER 3/4" DIA. ENDS WITH COUPLER PIN SIZES IN 1/4" DIA.	1
21	STAINLESS STEEL CABLE HARNESSES 1/4" x 1/2" NYLON COVERED 6300 # TENSILE STRENGTH WITH 1/2" x 1/2" CAD PLATED EYE BOLT & S.S. HOOK.	2
22	CAST IRON BLIND FLANGE 3"	1
23	HOMESTEAD NO. 1522 FLANGE VALVE 3" OR GATE VALVE	1
24	CAST IRON FLANGED TEE 3"	1
25	THROTTLE UNIT TO 50 L.B. # RUN CONTINUOUSLY	1
26	1/2" GALV. PIPE DIPPED & WRAPPED	1
27	DRESSER COUPLING 3" D.I. TO D.I.	3
28	HYDROVANE 6" PUMP COMPRESSOR 60 C.M. D 100 P.S.I.	1
29	REGULATOR 1/2"	1