EQUIPMENT SCHEDULE

1. PUMP CONTROL PANEL.

2. DISCONNECT: HEAVY DUTY, 3 POLE, SIZE PER APPLICATION.

3. TRANSIENT VOLTAGE SURGE SUPPRESSION DEVICE, PROTECTION MODES: L-N, L-L, N-G. UNEQUAL ALL SERIES OR EQUAL, SIZE PER APPLICATION. PROVIDE LED INDICATORS AND ALARM CONTROLS.

4. CURRENT TRANSFORMER.

5. FUSE, HIGH SPEED CLASS J, SHAWMAT OR BUSS SERIES.

6. CAPACITOR CONTRACTOR, NEMA RATED, SIZE PER APPLICATION.

7. FUSE, DUAL ELEMENT/TIME DELAY, CLASS RK1. SIZE PER APPLICATION.

8. POWER FACTOR CORRECTION CAPACITOR W/FUSES & FAILED CELL INDICATORS. SQUARE D CLASS 5810. SIZE PER APPLICATION. PROVIDE FOR PUMPS 7.5 HP AND LARGER.

9. REDUCED VOLTAGE MOTOR STARTER WITH LINE TRANSIENT VOLTAGE PROTECTION MODULE, ISOLATION CONTACTS, AND PUMP CONTROL. PROVIDE WITH DOOR MOUNTED HUMAN INTERFACE MODULE (HIM). ALLEN BRADLEY SMC-FLEX SERIES, NO SUBSTITUTIONS. SIZE PER APPLICATION.

10. CONDUIT WITH CABLES (MOTOR FEEDERS). SIZE PER APPLICATION.

11. CONDUIT WITH CABLE (MULTIRODE). SIZE PER APPLICATION.

12. CROUSE HINDS EYES CONDUIT SEAL THE WETWELL IS A CLASS 1, DIV 1 AREA.

13. STAINLESS STEEL NEMA 4X JUNCTION BOX. 12" X 12" X 6" MN. SIZE AS REQUIRED. SPICE CABLES ON POWER DISTRIBUTION BLOCKS IN J-BOX. SQUARE D CLASS 9080 TYPE LB WITH CLEAR COVERS. LABEL COVERS FOR EACH BOX AND MULTIRODE CABLE.

14. SPLIT CASE STYLE SEAL OFF. CROUSE HINDS EYSR SERIES.

15. SEWAGE LIFT PUMPS, SIZE PER APPLICATION.

16. COMBINATION METER/DISCONNECT. PROVIDE WITH TEST BYPASS SAFETY SOCKET AND MAIN CIRCUIT BREAKER. PROVIDE WITH A STAINLESS STEEL NEMA 3R ENCLOSURE. SIZE PER APPLICATION.

EQUIPMENT SCHEDULE - CONTINUED

17. SAFETY SWITCH, 3 POLE, NEUTRAL BUS, DOUBLE THROW. PROVIDE IN A STAINLESS STEEL ENCLOSURE. SIZE PER APPLICATION.

18. PORTABLE GENSET CIRCUIT BREAKER: MOLDED CASE CIRCUIT BREAKER IN STAINLESS STEEL NEMA 3R ENCLOSURE. SIZE PER APPLICATION.

19. PORTABLE GENERATOR RECEPTACLE, CROUSE HINDS AREA 2504126522. WITH BACK BOX, ANGLE ADAPTER, AND REVERSE SERVICE INSULATORS. SIZE PER APPLICATION.

20. PROVIDE A 480V, 3A, 4W SERVICE TO THE LIFT STATION. OTHER VOLTAGES MAY BE ALLOWED ONLY WITH WRITTEN PERMISSION FROM THE CBJ WASTEWATER DEPARTMENT COLLECTIONS SECTION.

21. SIZE ALL CONDUCTORS, CONDUIT, EQUIPMENT, ETC. PER APPLICATION. PERFORM ALL WORK PER THE NATIONAL ELECTRICAL CODE AND ALL APPLICABLE LOCAL, STATE, AND FEDERAL CODES.