EQUIPMENT SUPPORT STRUCTURE

WELD CAP (TYP. FOR 2)

PUMP DISCONNECT SWITCH (TYP.)

1/8" THICK ALUMINUM PLATE

ALUMINUM CHANNEL, OR STAINLESS STEEL UNISTRUT FRAMING, 1-1/2" x 1-1/2" LENGTH AS REQUIRED (TYP. FOR 2). SECURE CHANNEL TO PIPE USING GALVANIZED PIPE STRAPS.

PUMP CABLE
2-1/2" GALVANIZED STEEL PIPE, OR STAINLESS STEEL UNISTRUT FRAMING (TYP.)
(1)-#8 GND TO GROUND LUG OF EQUIPMENT

18" MINIMUM

GROUND ROD 3/4" DIA. x 10'-0" LONG

2'-0" MINIMUM (EXACT HEIGHT TO SUIT EQUIPMENT)

JUNCTION BOX NEVA 4X, 316 STAINLESS STEEL

3'-0" MINIMUM (EXACT HEIGHT TO SUIT EQUIPMENT)

CABLE GRIP CROUSE-HINDS TYPE 'CSG' (TYP.)

1/2" - 13 GAUGE FLAT STAINLESS STEEL EXPANDED METAL SCREEN WITH TOP & 4 SIDES. INSTALL WITH ALL STAINLESS STEEL HARDWARE AND ANCHORS.

LEVEL TRANSDUCER CABLE PUMP FLOAT CABLE

PROVIDE CABLE SEAL - FITTING OZ-CEDINNE TYPE 'CSBG' ON EACH CONDUIT & MATCH TO CABLE SIDES.

CONCRETE SLAB

3" CONCRETE ALL AROUND (TYP.)

EQUIPMENT SUPPORT STRUCTURE

NO SCALE

1 PUMP #1 CONDUIT TO SERVICE ENCLOUSURE
2 PUMP #1 CONDUIT/CABLE TO WET WELL
3 PUMP #2 CONDUIT TO SERVICE ENCLOUSURE
4 PUMP #2 CONDUIT/CABLE TO WET WELL
5 TRANSDUCER CONDUIT TO SERVICE ENCLOUSURE
6 TRANSDUCER/PUMP FLOAT CABLE TO WET WELL

SUSSEX COUNTY ENGINEERING DEPARTMENT
APPROVED:

SUSSEX COUNTY ENGINEER

ELECTRICAL TERMINATORS AND CONDUITS AND BASES

DETAIL E-6
LAST REVISED: DEC 2021