KEY NOTES

1. NON-METALLIC TERMINAL JUNCTION BOX. HIGH-IMPACT STRENGTH, FIBERGLASS ENCLOSURE & COVER WITH STAINLESS STEEL (S.S.) COVER SCREWS. INCLUDES HIGH-TEMPERATURE SILICON GASKET. PROVIDE WITH PLATED STEEL BACK PANEL. HOFFMAN EXE SERIES ENCLOSURE OR EQUAL. #9081LB3303 OR EQUAL. PROVIDE TERMINAL BLOCKS WITH FINGER SAFE COVERS. SQ D #9081LB3303 OR EQUAL. MOUNT TERMINAL BLOCKS IN CENTER OF BOX AS MUCH AS PRACTICAL TO ALLOW FOR CONDUCTOR BENDS AND TERMINATIONS.

2. TYPE XHHW COPPER CONDUCTORS. MINIMUM 2#8, 1#10G BETWEEN VAULTS. MINIMUM 2#6, 1#12G FROM TERMINAL BLOCKS TO NEXT VAULT OR PANEL. SEE NOTE 12.

3. POWER DISTRIBUTION BLOCKS. MOUNT TO BACK PANEL OF ENCLOSURE WITH STAINLESS STEEL HARDWARE. LINE SIDE TERMINALS SUITABLE FOR TWO EACH #4-2/0 CONDUCTORS, LOAD SIDE TERMINALS SUITABLE FOR SIX EACH #4-4 CONDUCTORS. SQ D #9081LB3308 OR EQUAL. PROVIDE TERMINAL BLOCKS AS REQUIRED TO MATCH SPECIFIC VAULT CONDITIONS.

4. PVC COATED 1-1/2" RMC MYERS HUB. NEMA 4X HUB WITH HIGH TEMPERATURE MOLDED PVC GASKET, O-RING GASKET, AND SEALING SLEEVE. INCLUDES 40 MIL PVC EXTERIOR COATING AND 2 MIL URETHANE INTERIOR COATING. PLASTI-BOND #PRUNF505 OR EQUAL. QUANTITY & SIZES OF UNIONS AS REQUIRED TO MATCH SPECIFIC VAULT CONDITIONS.

5. PVC COATED 3/4" RMC CONDUIT. INCLUDES 40 MIL PVC EXTERIOR COATING AND 2 MIL URETHANE INTERIOR COATING. PLASTI-BOND #PRHCONDUIT-3/4 OR EQUAL. QUANTITY AS REQUIRED TO MATCH SPECIFIC VAULT CONDITIONS.

6. ALUMINUM 'CAP-OFF' DEVICE WITH GASKET. COOPER CROUSE-HINDS MODEL #STAC2 OR EQUAL.

7. Documentation for non-metallc enclosures is shown in the detail. Specific enclosure size will be determined on a vault-by-vault basis. MOUNT TO UNISTRUT (SEE NOTE 12).

8. NON-METALLIC TERMINAL JUNCTION BOX. HIGH-IMPACT STRENGTH, FIBERGLASS ENCLOSURE & COVER WITH STAINLESS STEEL (S.S.) COVER SCREWS. INCLUDES HIGH-TEMPERATURE SILICON GASKET. PROVIDE WITH PLATED STEEL BACK PANEL. HOFFMAN EXE SERIES ENCLOSURE OR EQUAL. 6"X6"X4" ENCLOSURE (MODEL #EXE616505), WITH BACK PANEL (MODEL #A916165P) IS DEPICTED IN THE DETAIL. SPECIFIC ENCLOSURE SIZE WILL BE DETERMINED ON A VAULT-BY-VAULT BASIS.

9. CONNECT PUMP CABLE INDIVIDUAL CONDUCTORS TO DIST. BLOCKS IN 4 X 4 J-BOX.

10. PVC COATED 1-1/2" RMC CONDUIT. INCLUDES 40 MIL PVC EXTERIOR COATING AND 2 MIL URETHANE INTERIOR COATING. PLASTI-BOND #PRHCONDUIT-1-1/2 OR EQUAL. CONDUIT SIZE & QUANTITY AS REQUIRED TO MATCH SPECIFIC VAULT CONDITIONS.

11. PROVIDE TERMINAL BLOCKS WITH FINGER SAFE COVERS, SQ D #9080LBA363206 OR EQUAL. PROVIDE TERMINAL BLOCKS WITH FINGER SAFE COVERS, SQ D #9080LB3303 OR EQUAL. PROVIDE TERMINAL BLOCKS WITH FINGER SAFE COVERS, SQ D #9081LB3308 OR EQUAL. PROVIDE TERMINAL BLOCKS WITH FINGER SAFE COVERS, SQ D #9081LB3303 OR EQUAL.

12. MECHANICALLY-INTERLOCKED, WATERTIGHT, NON-FUSED, SHROUDED SAFETY SWITCH. NEMA 4X, NON-METALLIC ENCLOSURE SWITCH RATED FOR 600V, IP66 RATED. PROVIDE HUBBELL #HBLDS3 OR EQUAL. FIELD SPRAY ALL CUT METAL WITH GALVANIZING PAINT TO PREVENT CORROSION.

13. MECHANICALLY-INTERLOCKED, WATERTIGHT, NON-FUSED, SHROUDED SAFETY SWITCH. NEMA 4X, NON-METALLIC ENCLOSURE SWITCH RATED FOR 600V, IP66 RATED. PROVIDE HUBBELL #HBLDS3 OR EQUAL. FIELD SPRAY ALL CUT METAL WITH GALVANIZING PAINT TO PREVENT CORROSION.

14. PVDF COATED 3/4" RMC UNION. NEMA 4X UNION WITH HIGH TEMPERATURE MOLDED PVC GASKET AND SEALING SLEEVE. INCLUDES 40 MIL PVC EXTERIOR COATING AND 2 MIL URETHANE INTERIOR COATING. PLASTI-BOND #PRUNF505 OR EQUAL. QUANTITY & SIZES OF HUBS AS REQUIRED TO MATCH SPECIFIC VAULT CONDITIONS.

15. PVDF COATED 1-1/2" RMC UNION. NEMA 4X UNION WITH HIGH TEMPERATURE MOLDED PVC GASKET AND SEALING SLEEVE. INCLUDES 40 MIL PVC EXTERIOR COATING AND 2 MIL URETHANE INTERIOR COATING. PLASTI-BOND #PRHCONDUIT-3/4 OR EQUAL. QUANTITY AS REQUIRED TO MATCH SPECIFIC VAULT CONDITIONS.

16. BENDERS AND OTHER TOOLS APPROVED FOR PVC COATED RIGID METAL CONDUIT APPLICATIONS. COATED CONDUIT SO AS NOT TO DAMAGE THE PVC COATING. UTILIZE CONDUIT BENDERS AND OTHER TOOLS APPROVED FOR PVC COATED CONDUIT APPLICATIONS.