

REFERENCE NOTES

- 1 120/208V, 3ø, 4W MVA 1, 4000AMP 69KVA SERVICE ENTRANCE PADDED MAIN CIRCUIT BREAKER MOUNT ON 4" CONCRETE HOUSEKEEPING PAD SIZE PAD 6" LARGER OF FOOT PRINT IN ALL DIRECTIONS.
- 2 120/208V, 3ø, 4W MVA 1, 4000AMP SERVICE ENTRANCE PADDED DISTRIBUTION SECTION WITH INTERNAL TRANSIENT VOLTAGE SURGE SUPPRESSION MOUNT ON 4" CONCRETE HOUSEKEEPING PAD SIZE PAD 6" LARGER OF FOOT PRINT IN ALL DIRECTIONS.
- 3 NOT USED.
- 4 NOT USED.
- 5 NOT USED.
- 6 NOT USED.
- 7 NOT USED.
- 8 NOT USED.
- 9 CURRENT TRANSFORMER LOCATED IN TRANSFORMER.
- 10 PAD MOUNTED UTILITY TRANSFORMER WITH CONCRETE HOUSEKEEPING PAD CONSTRUCTED PER UTILITY COMPANY. FIELD VERIFY THE EXACT LOCATION PRIOR TO BIDDING. SECONDARY VOLTAGE IS 120/208V 3ø/4W.
- 11 WEATHERPROOF METER CAN MOUNTED ON CONCRETE PEDIestal.

WIRE AND CONDUIT SCHEDULE

SYMB	PER / PHASE	COPPER CONDUCTORS	ALUMINUM CONDUCTORS	GROUNDING	CONDUIT
1	#600 KCMIL x 5 SETS	#600 KCMIL x 5 SETS	---	---	4" x 5 SETS
2	#600 KCMIL x 4 SETS	#600 KCMIL x 4 SETS	---	---	4" x 4 SETS
3	#12 AWG	---	---	---	1 1/4" C
4	---	---	#4/0 AWG	---	1 1/4" C
5	#600 KCMIL	#600 KCMIL	#3 AWG	---	2" - 4" C
6	#350 KCMIL x 2 SETS	#350 KCMIL x 2 SETS	#1/0 AWG	---	2" - 4" C
7	#4/0 AWG	#4/0 AWG	#4 AWG	---	2 1/2" C
8	#600 KCMIL x 2 SETS	#600 KCMIL x 2 SETS	#3/0 AWG	---	4" x 2 SETS
9	#2 AWG	---	#6 AWG	---	1 1/2" C
10	#3/0 AWG	---	#8 AWG	---	2" C
11	#2 AWG	---	#8 AWG	---	S.E.R. CABLE
12	#10 AWG	#10 AWG	#10 AWG	---	3/4" C
13	#600 KCMIL	#600 KCMIL	#3 AWG	---	4" C
14	---	---	#1/0 AWG	---	1 1/4" C
15	#1 AWG	#1 AWG	#8 AWG	---	2" C

NOTE: THE USE OF EQUIVARIANT AMPACITY ALUMINUM CONDUCTORS TO THE SPECIFIED COPPER CONDUCTORS MAY BE UTILIZED FOR FEEDERS STEPS 100 AMPS AND LARGER CONDUCTORS SHALL COMPENSATE CONDUCTOR STEPS FOR VOLTAGE DROP AS REQUIRED PER NEC. WIRE SHALL BE 90°C PER THE ILL.

