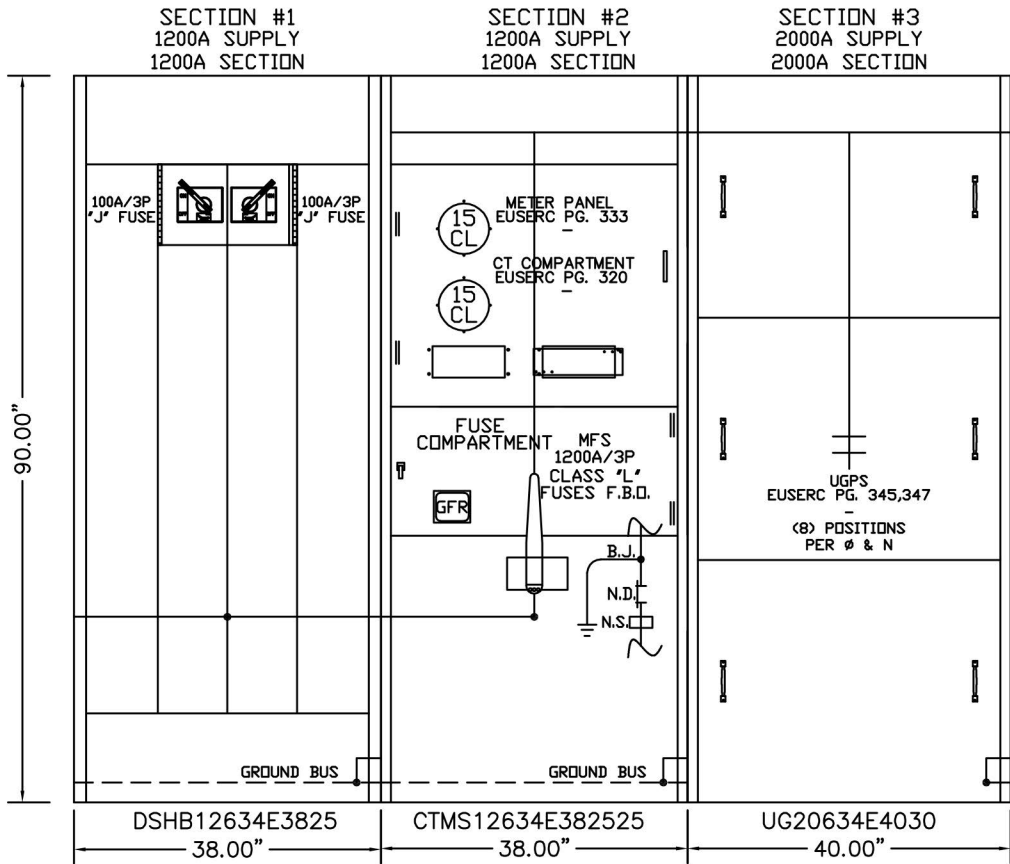
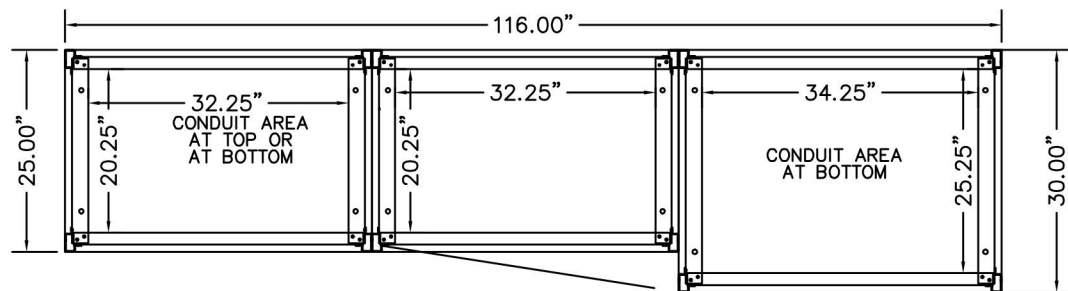


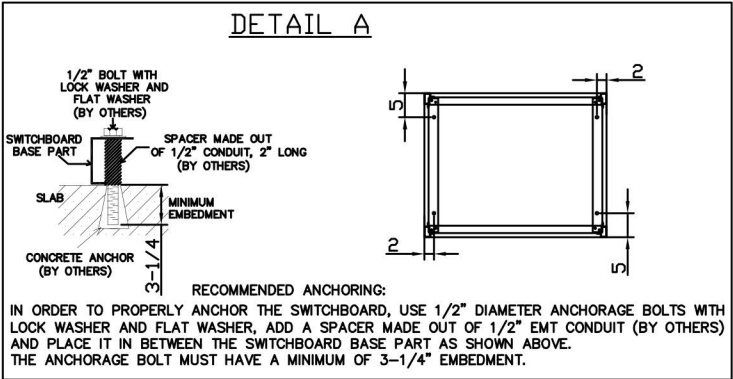


FRONT ELEVATION

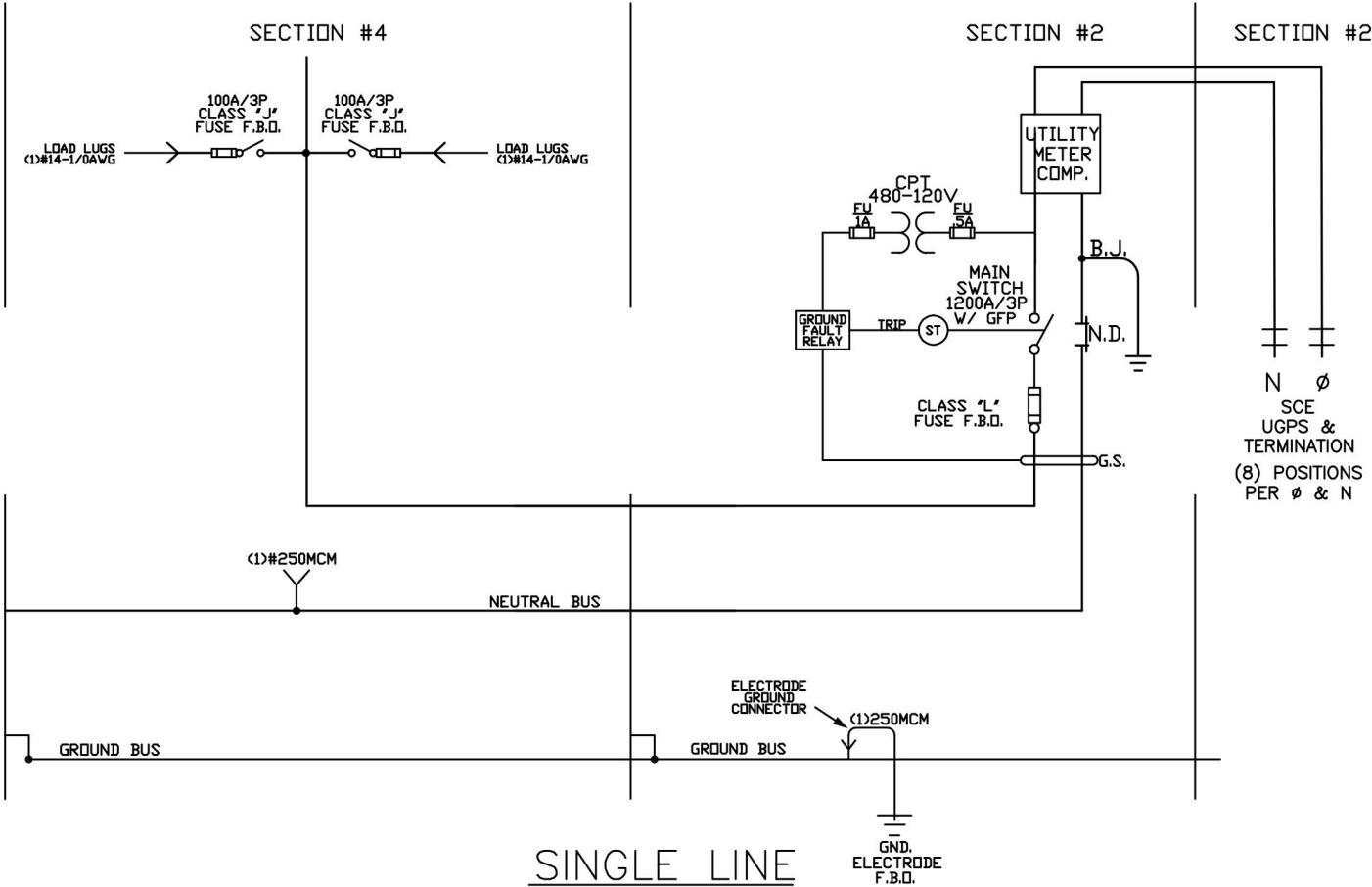


BASE PLAN

CAUTION: IF A SWITCHBOARD IS INSTALLED ON A HOUSEKEEPING PAD OR SLAB A METER HEIGHT PROBLEM COULD RESULT.



BUS: 2000A/1200A, 480Y/277VAC, 3PH, 4W, 100kAIC, ALUMINUM



SYSTEM

- 480Y/277V 3PH 4W □ 480V 3PH 3W
□ 240/120V 3PH 4W □ 240V 3PH 3W
□ 208Y/120V 3PH 4W □ 240/120V 1PH 3W
□ DC _____ VOLTS □ OTHER: _____

AMPACITY

BUS RATING 2000 AMPERES
AVAILABLE FAULT CURRENT 100K AMPERES
SHORT CIRCUIT CURRENT RATING 100KA RMS SYMMETRICAL
BUS BRACING: 100KA
BUS MATERIAL: ■ ALUMINUM □ COPPER
BUS PLATING: □ SILVER ■ TIN □ SPECIAL: _____
BUS CROSS SECTIONAL AREA BASED ON:
■ 65°C RISE OVER 40°C AMBIENT TEMPERATURE (STD.)
□ 750 AMPS. PER SQUARE INCH
□ 1000 AMPS. PER SQUARE INCH

CONSTRUCTION

ENCLOSURE TYPE: ■ TYPE 1 □ TYPE 3R □ OTHER _____
UTILITY SERVICE ENTRANCE LABEL: ■ YES □ NO
SWBD LIFTING DEV.: □ YES (2400 LBS LIMIT) ■ NO
REAR ACCESSIBILITY AVAILABLE: □ YES ■ NO
SIDE ACCESSIBILITY: □ LEFT □ RIGHT □ BOTH ■ NO
FINISH: ANSI 61 GRAY
CONSTRUCTION TO COMPLY WITH THE LATEST, UL, ANSI,
IEEE, NEMA AND ALL APPLICABLE INDUSTRY STANDARDS.
EQUIPMENT TO BEAR THE UL LABEL ■ YES □ NO (FILE:154286)
INCOMING FEED: □ TOP ■ BOTTOM □ BOTH SECTION No. 3
NUMBER OF CABLES AND SIZE PER PHASE:
(8), POSITIONS PER PHASE
OUTGOING FEEDERS EXIT: □ TOP ■ BOTTOM □ BOTH

UTILITY CO.

UTILITY COMPANY: SOUTHERN CALIFORNIA EDISON
□ UG SERVICE: PG. 6-14, --- 18 , EUSERC: 345,347
POSITIONS: QTY: _____, LUG SIZE: _____ PER PH & NEUTRAL.
□ OH SERVICE: PG. 6-13 , EUSERC: 347,348
POSITIONS: QTY: _____, LUG SIZE: _____ PER PH & NEUTRAL.
CT COMPARTMENT:
□ CT COMP. 0-1000A: PG. 6-19, --- 22 , EUSERC: 319,320
□ 1Ø, 3W □ 3Ø, 3W □ 3Ø, 4W
□ CT COMP. 1001-3000A: PG. 6-23,24 , EUSERC: 322
□ 1Ø, 3W □ 3Ø, 3W □ 3Ø, 4W
□ CT COMP. 3001-4000A: PG. 6-27,28 , EUSERC: 324
□ 3Ø, 3W □ 3Ø, 4W
□ OTHER _____
METER DOOR:
□ 15" METER DOORS: PG. 6-26 , EUSERC: 332
□ 30" METER DOOR: PG. 6-32 , EUSERC: 333
□ OTHER _____

WIRING

POTENTIAL CIRCUITS SHALL BE #14 STRANDED CU TYPE: SIS
CONTROL CIRCUITS SHALL BE #14 STRANDED CU TYPE: SIS
CURRENT CIRCUITS SHALL BE #12 STRANDED CU TYPE: SIS
SIGNAL CIRCUITS SHALL BE #18 STRANDED CU TYPE: SIS
WIRE TO BE TERMINATED WITH:
■ RING TYPE LUG □ LOCKABLE SPADE TYPE LUG
AND WIREMARKER AT BOTH ENDS WITH:
■ HEAT SHRINKABLE SLEEVES □ ADHESIVE TYPE

SWITCHBOARD BLDG 2
480Y/277VAC-3Ø-4W, 60Hz-100kA
ALUM BUS 2000A
TYPE 1 INDOOR

REV.	DATE	DESCRIPTION	BY	REV.	DATE	DESCRIPTION	BY
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-



PIONEER CEP
CUSTOM ELECTRICAL PRODUCTS

10640 Springdale Ave. Santa Fe Springs, CA 90670 www.pioneercep.com

DRAWN BY: RS	DATE: 9-10-16	TITLE: TYPE 1 2000A 480Y277VAC 3PH 4W 100K AL SES FRONT ELEVATION, BASE PLAN, SINGLE LINE
APPROVED BY: -	DATE: -	DISTRIBUTOR: CONTRACTOR: DWG. NO.
REVIEWED BY: -	DATE: -	CAD FILE: 51181 SCALE: NONE SHEET: 1 OF 1
PROJECT ENGINEER: -		REV.