CAUTION: IF THIS SHEET IS NOT 24"x36" IT IS A REDUCED PRINT. SCALE ACCORDINGLY.

REV	DESCRIPTION	BY	DATE
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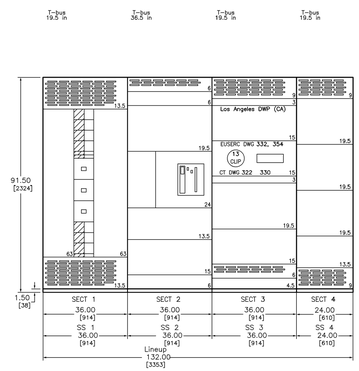


SWITCHBOARD GENERAL NOTES

PRODUCT DESCRIPTION & RATINGS

Power System Data
480Y/277V 3Ph 4W 60Hz / 3 Phase Wye
Solidly Grounded
System Short Circuit Current Rating: 65kA RMS
Incoming Section 4 Cable Through the Bottom Right of Lineup

Bus System Data
2000A Silver Plated Copper Main Bus
(4) .25x1.50 IN/6x38 mm Cu Bus Bar Per Phase/Neutral
(1) .25x.875 IN/6x22 mm Cu Ground Bus

Enclosure Data
Type 3R Free Standing
Exterior Paint Color: ANSI 49
Front Accessibility Only Required
Rodent barriers
1.5H Corrosion Resist Base Channels
Equipment Nameplate: White Surface/Black Letters
Strip Heater w. Thermostat
Device Nameplate: White Surface / Black Letters

Estimated Shipping Weight
Shipping Split 1 1521.00 lbs / 553.85 kgs
Shipping Split 2 1181.00 lbs / 535.70 kgs
Shipping Split 3 1131.00 lbs / 513.01 kgs
Shipping Split 4 720.00 lbs / 326.59 kgs
Complete Lineup 4253.00 lbs / 1929.15 kgs

Code Standards
U.L. Deadfront and suitable for use as Service Entrance when not more than six (6) disconnecting means are provided.

Rating Nameplates
ST1- Deadfront- Section Bus 2000A
ST2- Service Entrance - Section Bus 2000A
ST3- Deadfront- Section Bus 2000A
ST3- Deadfront- Section Bus 2000A

PRODUCT INFORMATION

Wiring
All wiring to be Machine Tool Wire type

Instruction Bulletins
Reference 80043-055 For Handling, Installation, Anchoring, Inspection And Maintenance Information

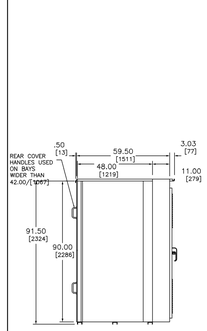
Product Accessories/Options
Seismic Qualified
24V Trip Unit Display Power

5 DB-FC

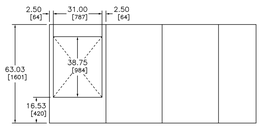
FINISH DIMENSIONS: INCHES

JOB NAME:	CBS TV STUDIOS FUEL CELL INSTALL	EQUIPMENT DESIGNATION:	DB-FC
JOB LOCATION:	LOS ANGELES CA	EQUIPMENT TYPE:	NON-SEGMENTED
DRAWN BY:	(QZC)	DRAWING TYPE:	ELEVATION VIEW
ENGR:			DRAWING #
DATE:	August 16 2012		
DRAWING STATUS: QUOTE	NOT FOR CONSTRUCTION	DWG#	F31889486-01

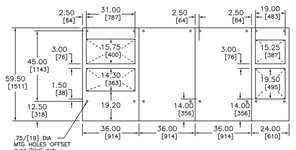
FG 1 OF 2 REV --



LEFT SIDE VIEW



TOP VIEW - FRONT



FLOOR PLAN - FRONT

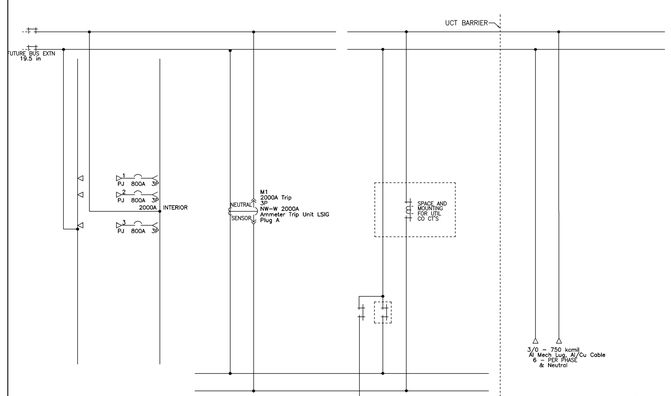
NOTE:
A MINIMUM OF 2.00/[51] CLEARANCE BEHIND THE SWITCHBOARD IS REQUIRED FOR TOP COVER OVERHANG.

5 DB-FC

FINISH DIMENSIONS: INCHES

JOB NAME:	CBS TV STUDIOS FUEL CELL INSTALL	EQUIPMENT DESIGNATION:	DB-FC
JOB LOCATION:	LOS ANGELES CA	EQUIPMENT TYPE:	NON-SEGMENTED
DRAWN BY:	(QZC)	DRAWING TYPE:	SEE TOP VIEW & FLOOR PLAN
ENGR:			DRAWING #
DATE:	August 16 2012		
DRAWING STATUS: QUOTE	NOT FOR CONSTRUCTION	DWG#	F31889486-01

FG 2 OF 2 REV --



5 DB-FC

JOB NAME:	CBS TV STUDIOS FUEL CELL INSTALL	EQUIPMENT DESIGNATION:	DB-FC
JOB LOCATION:	LOS ANGELES CA	EQUIPMENT TYPE:	NON-SEGMENTED
DRAWN BY:	(QZC)	DRAWING TYPE:	ONE LINE
ENGR:			DRAWING #
DATE:	August 16 2012		
DRAWING STATUS: QUOTE		DWG#	F31889486-01

FG 1 OF 2 REV --

POWER STYLE QED-2 SWITCHBOARD

SECT NO	CKT NO	CMD HEIGHT	DEVICE/FRAME RATING	TRIP AMP	FUSE/ TRIP	#P	DESIGNATION	N/P	LUG INFORMATION QTY	PHASE WIRE RANGE	QTY	NEUT. WIRE RANGE	ACCESSORIES
1	--	--	Strip heater	--	--	--	--	--	--	--	--	--	SHR
1	1	9 in	PJ 800A Plug A	800A	A-LSI	3P	FUEL CELL FC-2	Yes	3	3/0 - 500 kcmil	3	3/0 - 500kcmil	COM,PLA
1	2	9 in	PJ 800A Plug A	800A	A-LSI	3P	FUEL CELL FC-3	Yes	3	3/0 - 500 kcmil	3	3/0 - 500kcmil	COM,PLA
1	3	9 in	PJ 800A Plug A	800A	A-LSI	3P	FUEL CELL FC-1	Yes	3	3/0 - 500 kcmil	3	3/0 - 500kcmil	COM,PLA
1	--	--	CPT/PS in Intr Comp	--	--	--	--	--	--	--	--	--	CPT,PS
2	M1	--	NW 2000A Plug A	2000A	A--LSIG	3P	T-FCH	Yes	--	--	--	--	SHR,GF,COM,SDE1,OF4,MCH,MX1,XF,CCKK,CCPS,PLA
3	UCT	--	2000A	--	--	--	Los Angeles DWP (CA)	No	--	--	--	--	
4	--	--	Incoming Connection	--	--	--	--	--	6	3/0 - 750 kcmil	6	3/0 - 750 kcmil	

LEGEND	
CCKK	Cradle Cell Key Kit
CCPS	Cradle Cell Position Switch
COM	Communications
GF	Ground Fault
MCH	Spring Charging Motor
MX1	Shunt Trip
OF4	4 Form C Breaker Aux Contacts
PLA	Padlock Attachment-Fixed
SDE1	Over Current Trip Switch
SHR	Strip Heater
XF	Closing Coil

5 DB-FC

JOB NAME:	CBS TV STUDIOS FUEL CELL INSTALL	EQUIPMENT DESIGNATION:	DB-FC
JOB LOCATION:	LOS ANGELES CA	EQUIPMENT TYPE:	NON-SEGMENTED
DRAWN BY:	(QZC)	DRAWING TYPE:	SCHEDULE
ENGR:			DRAWING #
DATE:	August 16 2012		
DRAWING STATUS: QUOTE		DWG#	F31889486-01

FG 2 OF 2 REV --

[NOTE:
REQUIRED ARRANGEMENT OF SWITCHBOARD SECTIONS SHALL BE REVERSED FROM LEFT-TO-RIGHT FRONT VIEW SHOWN - COORDINATE REQUIREMENTS WITH SINGLE LINE DIAGRAM E0.11 AND E2.11 EQUIPMENT PLAN]

1 / E4.02 MANUFACTURERS DETAILS - DISTRIBUTION BOARD "DB-FC" 5

SCALE: NONE

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CBS TELEVISION CITY
FUEL CELL INSTALLATION PROJECT

7800 BEVERLY BLVD.
LOS ANGELES, CALIFORNIA 90036

ENLARGED PLANS AND DETAILS

ID	DATE	REMARKS
1	7/02/12	PRELIMINARY DESIGN REVIEW
2	8/20/12	PLAN CHECK
3	9/4/12	BID CLARIFICATIONS
4	9/19/12	UTC RECOMMENDED CORRECTIONS
5	10/18/12	UTC REV. PLAN CHECK CORRECTIONS

ENGR:	
DRWN BY:	TEAM 1
CHCK'D BY:	RLL
DATE:	9/19/12
JOB NO.:	12-010
SCALE:	AS NOTED

REGISTERED PROFESSIONAL ENGINEER ROY L. LOPEZ No. 13442 Exp. 09/30/14 ELECTRICAL STATE OF CALIFORNIA

SHEET
E4.02

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