

REVISION HISTORY							
ZONE	REV	DESCRIPTION	EDN#	REV'D	CHK'D	DATE	APPROVED

120/125 VOLT SYSTEM (60) AT-29P CELLS

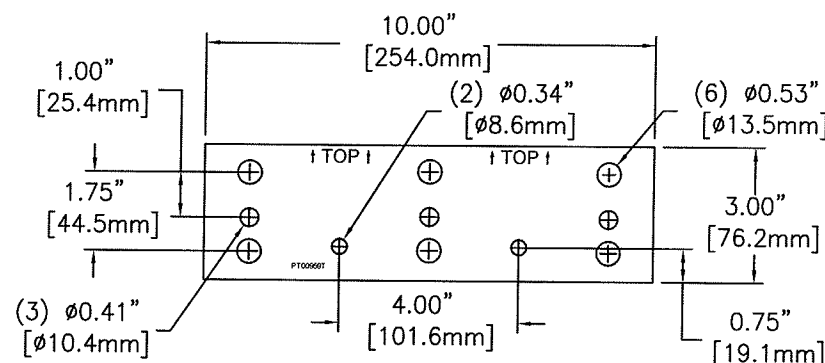
APPROX. SYSTEM WEIGHT: 15,535 LBS. [7,046.6 kg]
FLOOR CONTACT AREA: 222.75 SQ. IN. [143,709 mm²]

m-s-endur^{II}

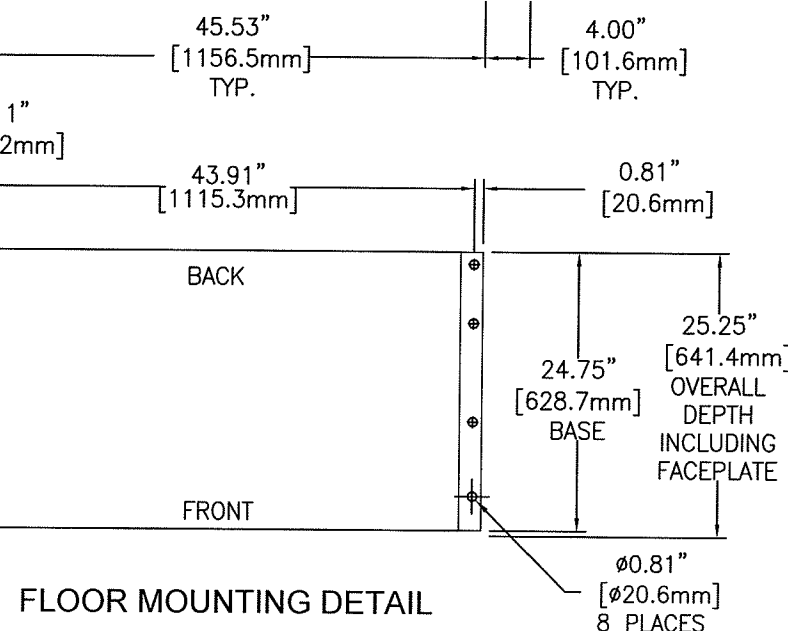
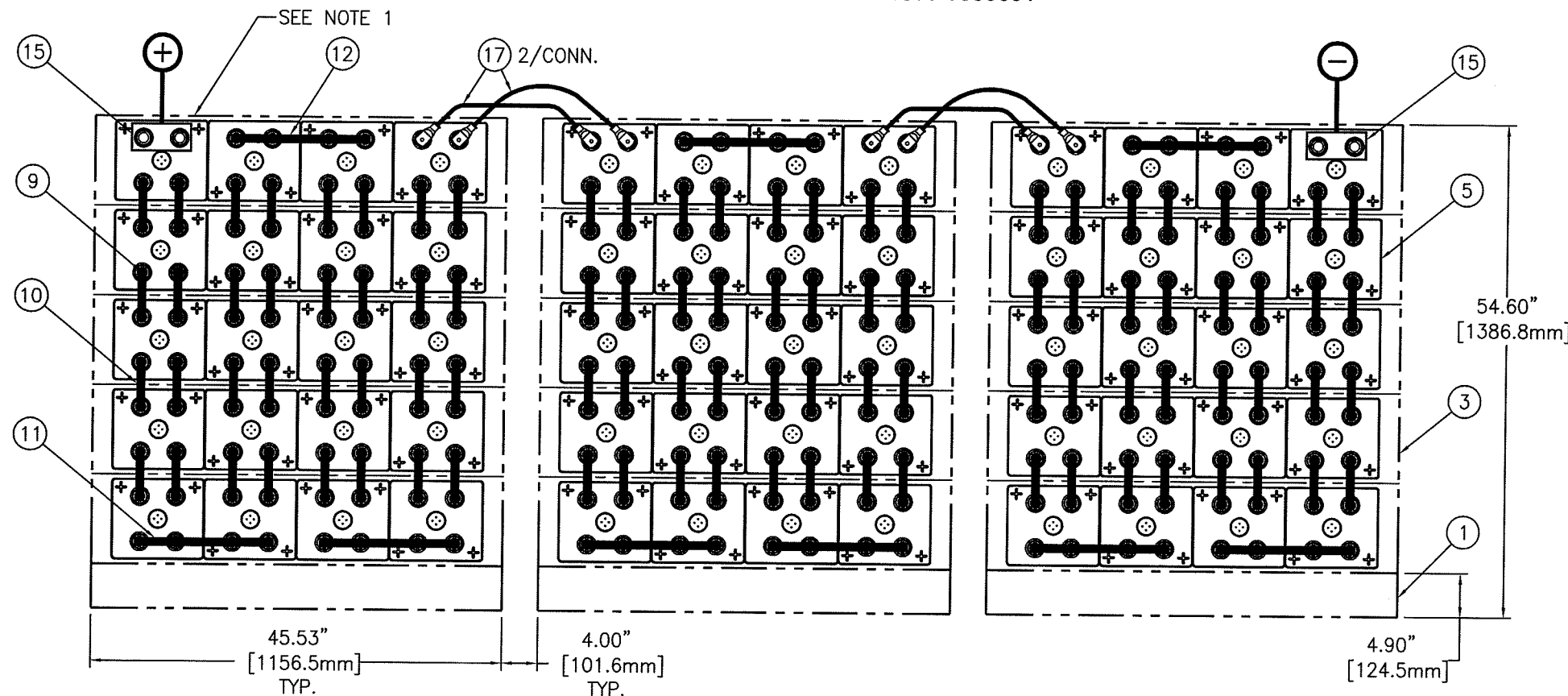
SYSTEM NO. E2945060CE01

20	1	RE04455-60	ACCESSORY KIT (J29537)
19			
18			
17	8	RA02250-21	4/0 CABLE 21" LONG
16			
15	2	PT00959T	TERMINAL PLATE (M15923)
14			
13			
12	3	PK04291T	CONNECTOR 2.00 x 15.45 x 0.25
11	6	PK04290T	CONNECTOR 2.00 x 15.25 x 0.25
10	96	PK04097T	CONNECTOR 1.50 x 5.86 x 0.13
9	10	HDWR-R11	HARDWARE KIT, CONNECTOR
9.1	240	PB00327	BOLT, HEX 5/16-18 x 1.25 S.S.
9.2	240	PH01700	WASHER, FLAT S.S.
8	15	PH04006-45	FACEPLATE (K11056)
7	18	HDWR-R13	HARDWARE KIT, FACEPLATE (J29535)
5	60	CW18152	CELL (N03375)
3	15	RD04496-45G	MODULE ASSEMBLY KIT (M14111)
1	3	RD04407-45A	BASE ASSEMBLY KIT (M14028)
ITEM	QTY	PART NO.	DESCRIPTION

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES & TOLERANCES ARE:		DRAWN BY: STOCK	DATE: 3/7/11
XXX	XXX	XXX	XXX
12"	12"	12"	12"
THIRD ANGLE PROJECTION		APPROVED	3/17/11
SEE BOM ABOVE			
PER:	SPEC:	FILE: E2945060CE01	SCALE NTS
		ALL SHEETS ARE THE SAME REVISION STATUS	
		CAD TECHNOLOGIES, INC.	
		1400 UNION MEETING, BLUE BELL, PA 19422-0588	
		www.cadtechno.com	
		TITLE: CONNECTION DIAGRAM 120/125V 4X5 AT-29P	
		SIZE: D CASE CODE: E2945060CE01 REVISION: 0	
		SHEET 1 OF 1	



TERMINAL PLATE DETAIL
PART NO. PT00959T



NOTES:

1. LOCATE POLARITY OF BATTERIES FOR PROPER ORIENTATION DURING INSTALLATION.
2. FLOOR MOUNTING (ANCHOR) BOLTS ARE NOT FURNISHED.
3. INSTALLATION ANCHOR BOLT SIZE AND TYPE ARE TO BE DETERMINED BY USER IN ACCORDANCE WITH BUILDING CODES APPLICABLE TO THE ARRANGEMENT DESCRIBED ON THIS DRAWING.
4. REFERENCE INSTALLATION MANUAL RS02044 FOR: CONNECTOR TORQUE VALUES, MODULE TO MODULE CONNECTIONS & FACEPLATE MOUNTING DETAILS.
5. CONNECTORS AND CABLES ARE SIZED TO THE 1 MIN. RATE TO 1.75 FINAL VPC AT 1850.8 AMPS. CONNECTORS RESULT IN <30mV DROP AND CABLES RESULT IN 100mV DROP.