

NOTES:
DIMENSIONS IN [] ARE INCHES.
FINISH: ANSI 49 GRAY
REFER TO OPERATOR MANUAL PRIOR TO INSTALATION AND OPERATION OF UNIT.
APPROXIMATE WEIGHT: 32 Kg (70 LBS)
SERVICE DISCONNECT BREAKER IS 200A 80% RATED. CONTINUOUS LOAD CURRENT IS NOT TO EXCEED 80% OF BREAKER RATING.

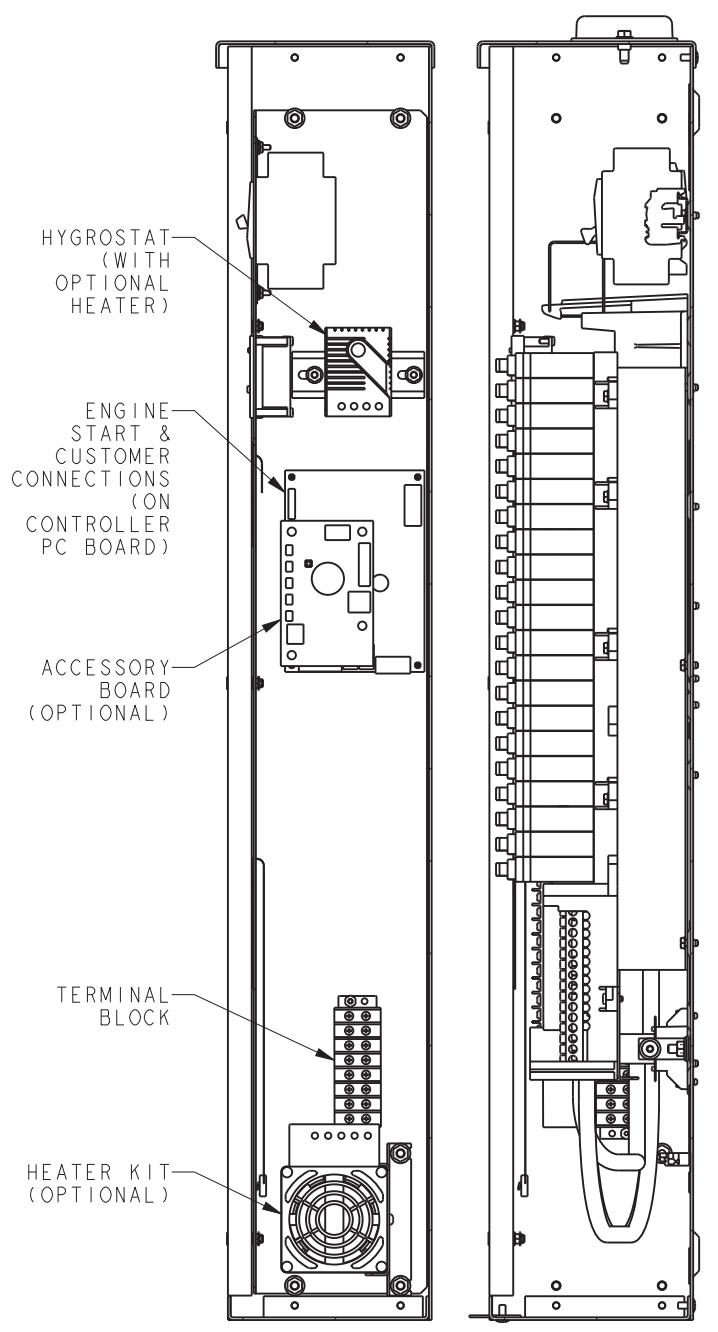
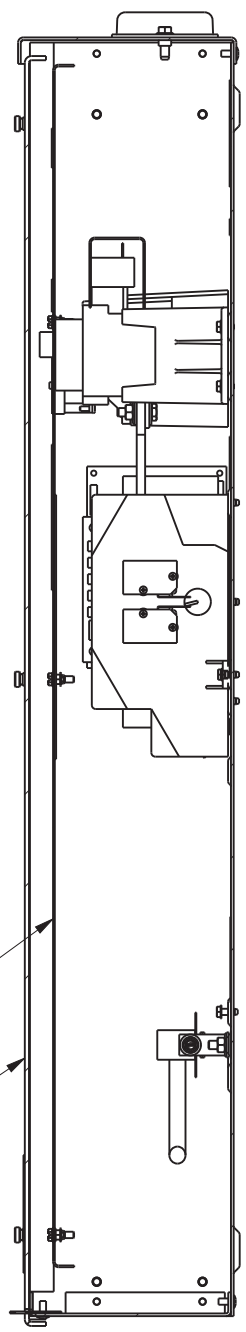
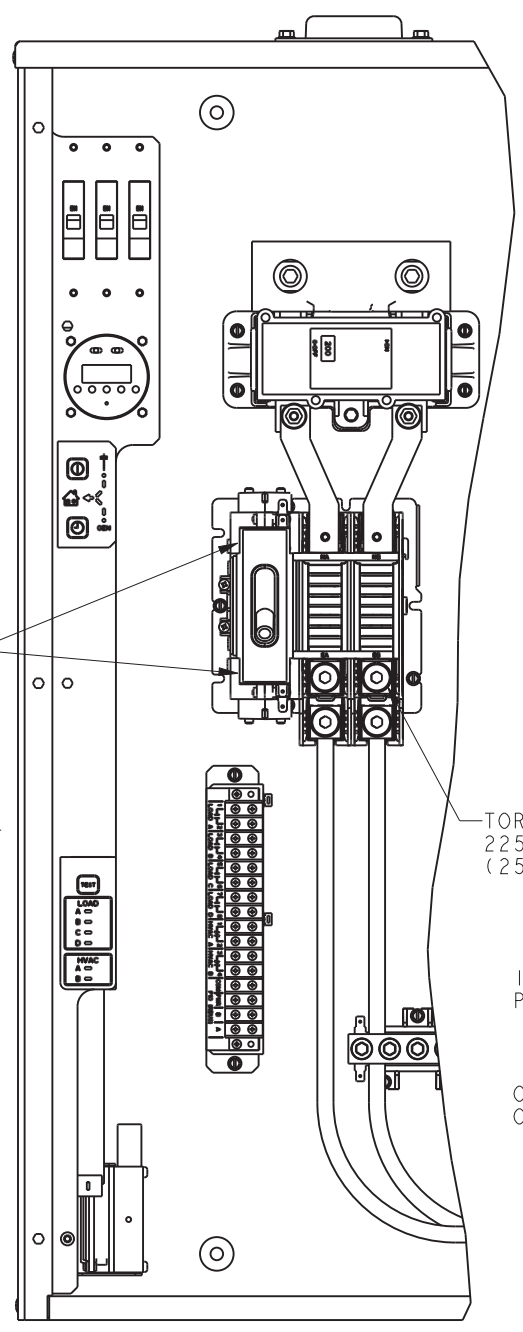
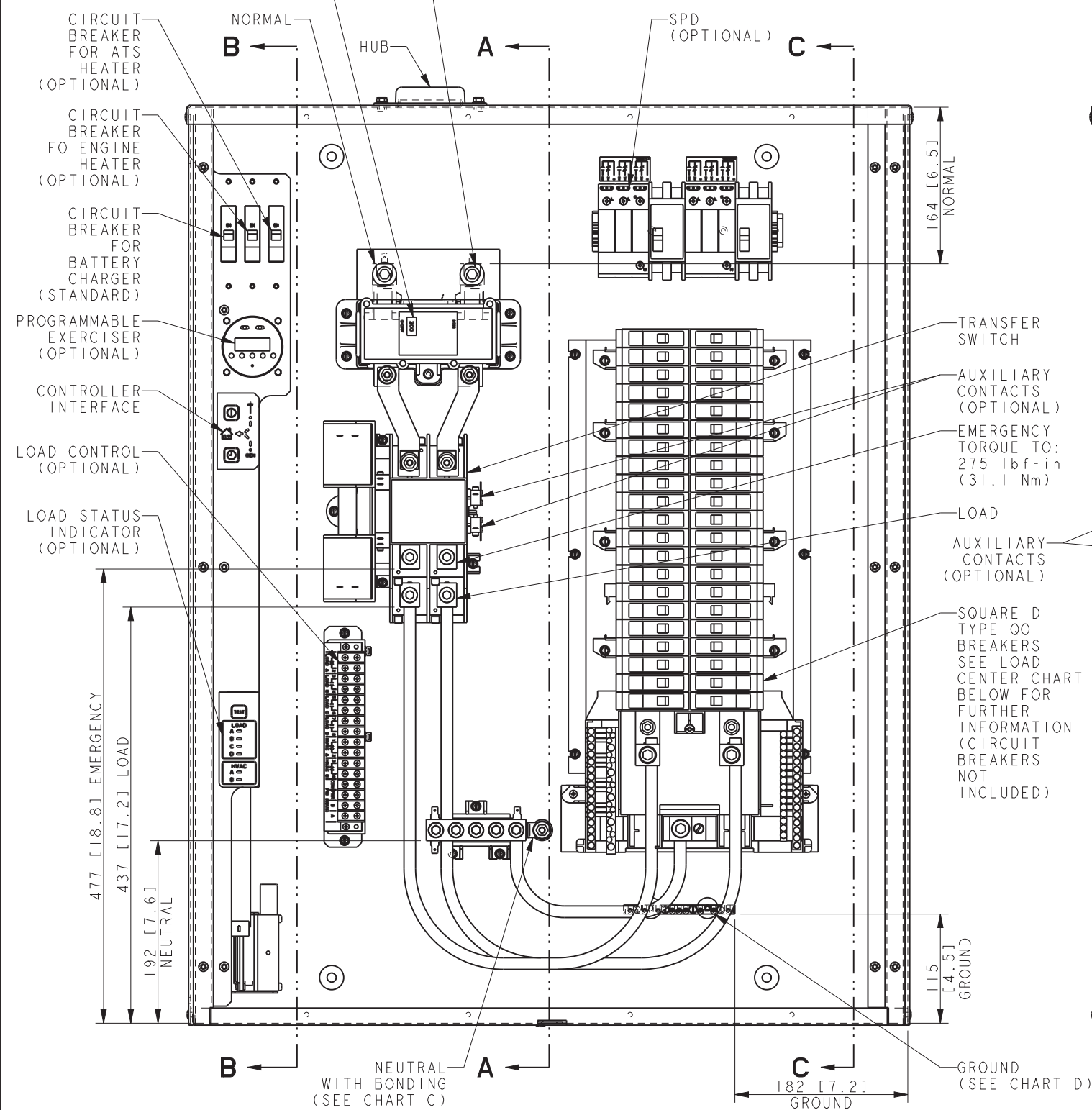
200A SERVICE ENTRANCE
WITH LOADCENTER
MPAC 500 CONTROLLER
NEMA 3R ENCLOSURE

REV	DATE	ON COMPOSITE DWGS. SEE PART NO. FOR REVISION LEVEL	BY	UNLESS OTHERWISE SPECIFIED - 1) DIMENSIONS ARE IN MILLIMETERS 2) TOLERANCES ARE:	SURFACE FINISH		KOHLER CO. METRIC PRO-E POWER SYSTEMS, KOHLER, WI 53044 U.S.A. THIS DRAWING IN DESIGN AND DETAIL IS KOHLER CO. PROPERTY AND MUST NOT BE USED EXCEPT IN CONNECTION WITH KOHLER CO. WORK. ALL RIGHTS OF DESIGN OR INVENTION ARE RESERVED.
-	4-1-13	NEW DRAWING [CT31187]	BTW	X.XX ± 0.25	MAX.		
A	6-7-16	LOGO & DECALS REMOVED; [CT148955]	BTW	X.X ± 1.0			
B	10-11-17	SEE SHEETS 2 [CT181683]	BTW	X ± 1.5			
C	4-10-18	SEE SHEET 2 [CT186584]	RMJ	ANGLES ± 0° 30'			
				THIRD ANGLE PROJECTION		TITLE	
				APPROVALS		DATE	
				DRAWN		4-1-13	
				CHECKED		4-1-13	
				APPROVED		4-1-13	
SCALE 0.30 CAD NO. SHEET 1 of 3							DWG NO. ADV-8540

B: LOAD CENTER CHART INFORMATION				
SPACES	MAXIMUM NUMBER OF SINGLE POLE CIRCUITS	MAXIMUM NUMBER OF TANDEM CIRCUIT BREAKERS	MAIN TERMINAL SIZE AWG	
			Al	Cu
42	42	0	4-300	MCM
				55

C: NEUTRAL TORQUE	
#14-10 AWG	60 lbf-in (6.8 Nm)
#8-3 AWG	120 lbf-in (13.6 Nm)
#2-2/0 AWG	240 lbf-in (27.1 Nm)
3/0-250 KCMIL	275 lbf-in (31.1 Nm)

D: GROUND TORQUE		
	LARGE HOLE	SMALL HOLE
#14-10 AWG	35 lbf-in (4 Nm)	#14-10 AWG 15 lbf-in (1.7 Nm)
#8 AWG	40 lbf-in (4.5 Nm)	
#6-4 AWG	45 lbf-in (5.1 Nm)	
#2-1/0	50 lbf-in (5.6 Nm)	#8-6 AWG 25 lbf-in (2.8 Nm)



A: SCREW TYPE TERMINALS FOR EXTERNAL POWER CONNECTIONS				
SWITCH RATING (AMPS)	RANGE OF AL-CU WIRE SIZES			
	NORMAL SOURCE DISCONNECT BREAKER (PER PHASE)	CONTACTOR (PER PHASE)	NEUTRAL	GROUND
200	#4 AWG TO 300 KCMIL	(1) #6 AWG TO 250 KCMIL	(4) #12 - 250 KCMIL (Cu) OR (4) #10 - 250 KCMIL (Al)	(9) #14 TO #6 AWG (4) 1/0 TO #14 AWG

200A SERVICE ENTRANCE WITH LOADCENTER MPAC 500 CONTROLLER NEMA 3R ENCLOSURE

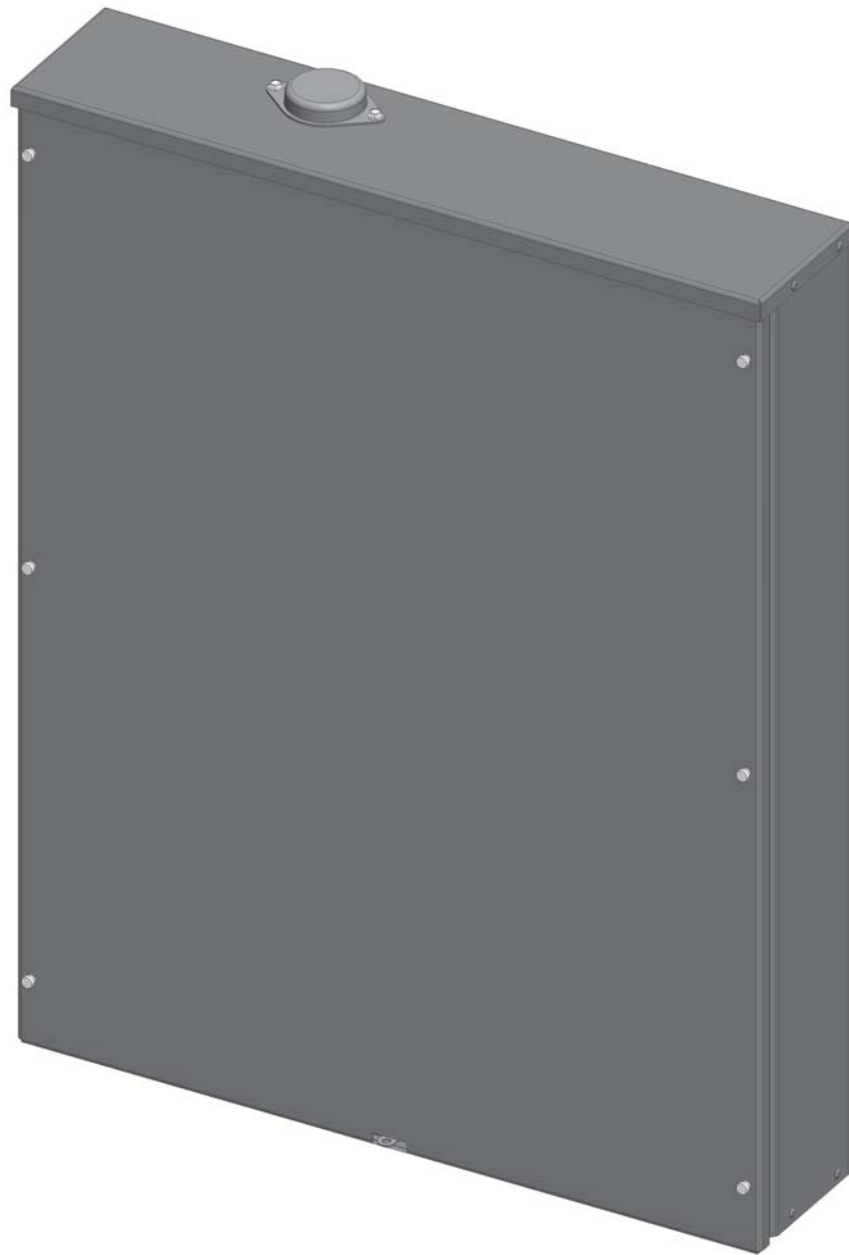
REV	DATE	ON COMPOSITE DWGS. SEE PART NO. FOR REVISION LEVEL	BY
-	4-1-13	NEW DRAWING [CT31187]	BTW
A	6-7-16	LOGO & DECALS REMOVED; [CT148955]	BTW
B	10-11-17	ALTERNATE CONTACTOR VIEW ADDED; (A-6) NEUTRAL: QTY (4) WAS (3) (2 PLACES); (A-5) GROUND: (9) #14 TO #6 AWG WAS (4) #14 TO 1/0 AWG; (4) 1/0 TO #14 AWG ADDED; [CT181683]	BTW
C	4-10-18	(D-2,3) TABLE C & D ADDED (A-5,7, B-3,C-5,D-7) NOTES & TABLES ADDED & UPDATED [CT186584]	RMJ

APPROVALS	DATE
BTW	4-1-13
BTW	4-1-13
MTL	4-1-13

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 POWER SYSTEMS, KOHLER, WI 53044 U.S.A.
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DIMENSION PRINT

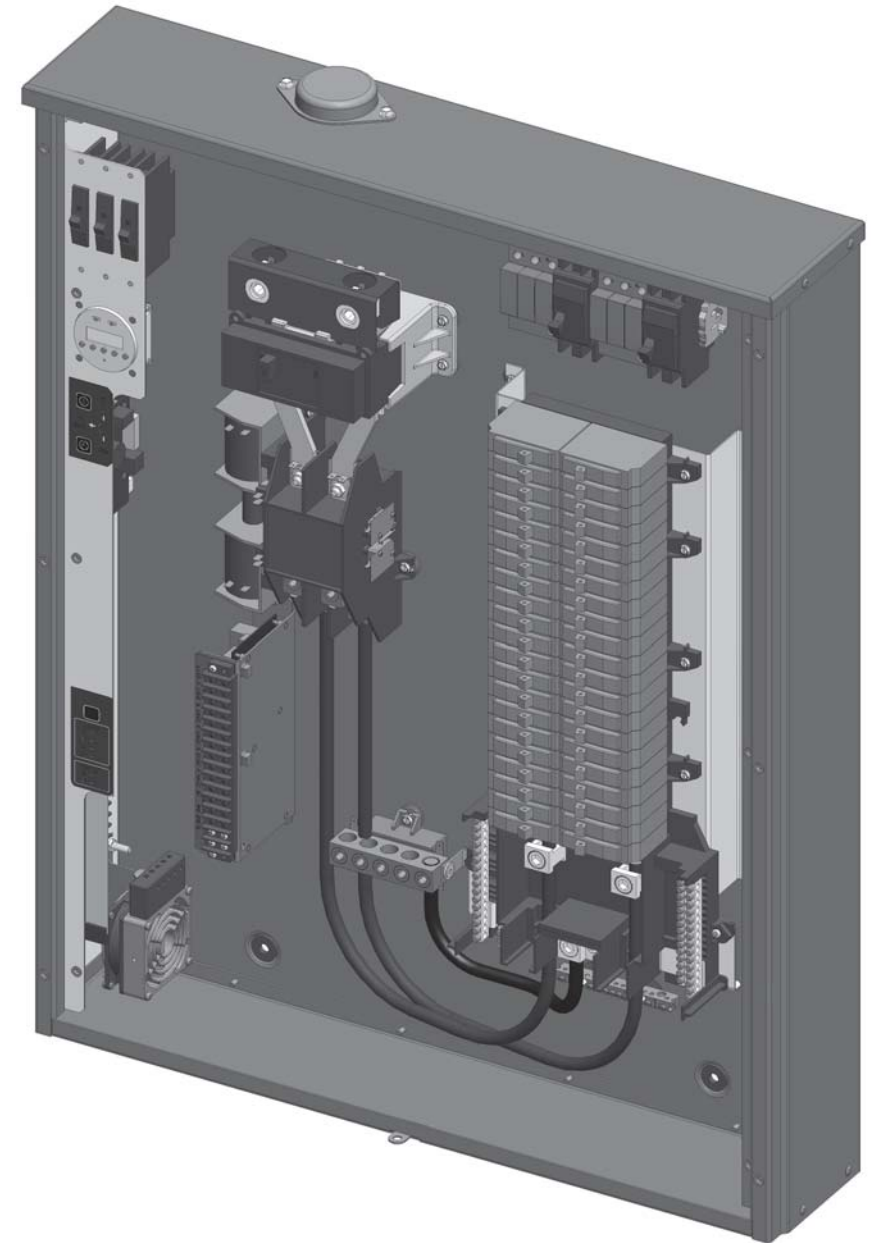
SCALE 0.35 CAD NO. SHEET 2 of 3
 DWG NO. **ADV-8540**



ENCLOSURE WITH COVER SHOWN



INNER PANEL SHOWN



COVER & INNER PANEL REMOVED

200A SERVICE ENTRANCE
WITH LOADCENTER
MPAC 500 CONTROLLER
NEMA 3R ENCLOSURE

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A	6-7-16	LOGO & DECALS REMOVED; [CT148955]	BTW	X.X ± 1.0
B	10-11-17	SEE SHEET 2 [CT181683]	BTW	X ± 1.5
C	4-10-18	SEE SHEET 2 [CT186584]	RMJ	ANGLES ± 0° 30' MAX.
				THIRD ANGLE PROJECTION
				APPROVALS
				DATE
				DRAWN BTW 4-1-13
				CHECKED BTW 4-1-13
				APPROVED MTL 4-1-13

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TITLE: **DIMENSION PRINT**

SCALE: 0.30 CAD NO. SHEET 3 of 3
DWG NO. **ADV-8540** D