

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:
-	4-1-13	NEW DRAWING [CT31187]	BTW	X.XX ± 0.25
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' MAX.

KOHLER CO. METRIC PRO-E
 POWER SYSTEMS, KOHLER, WI 53044 U.S.A.
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TITLE: **DIMENSION PRINT**

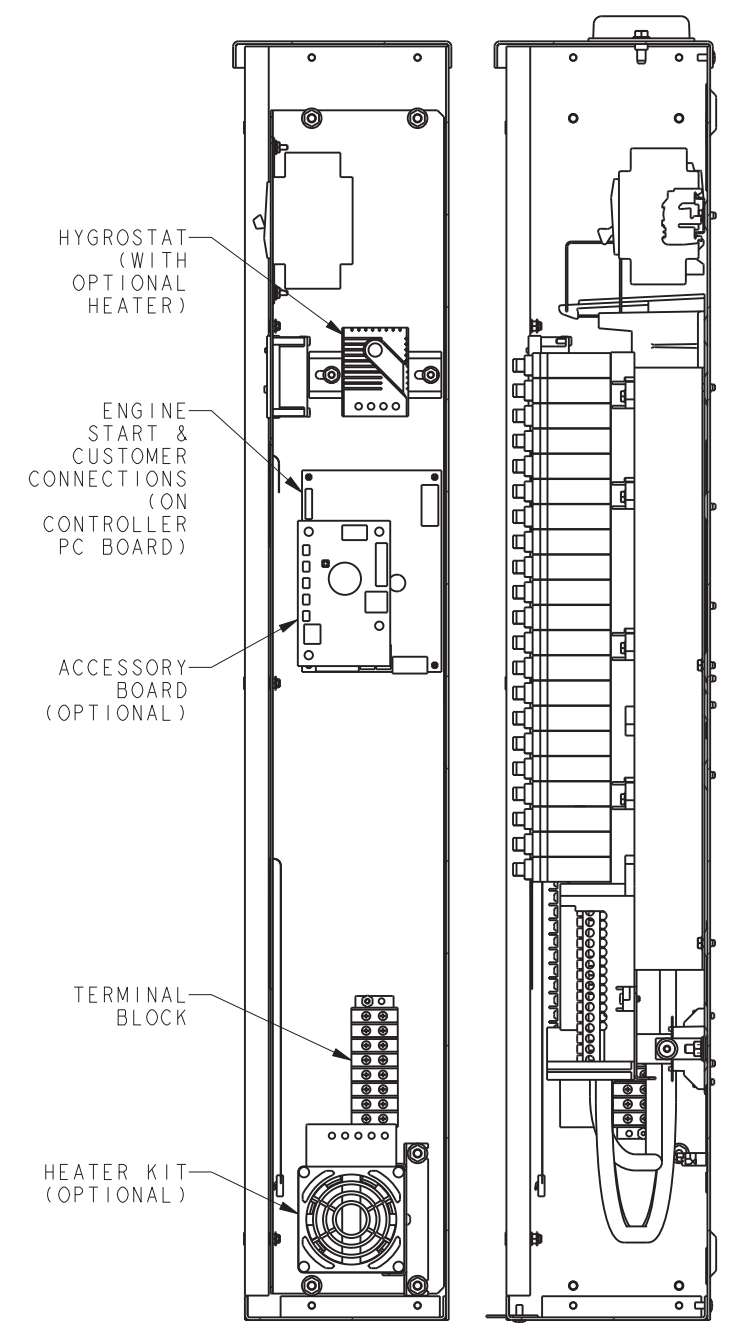
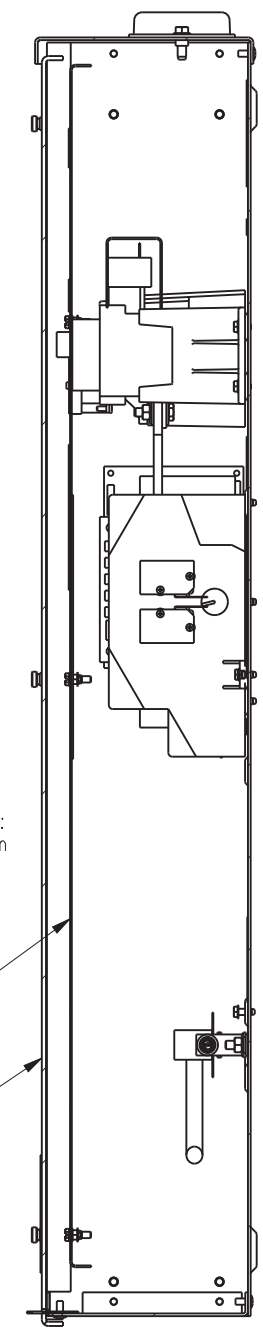
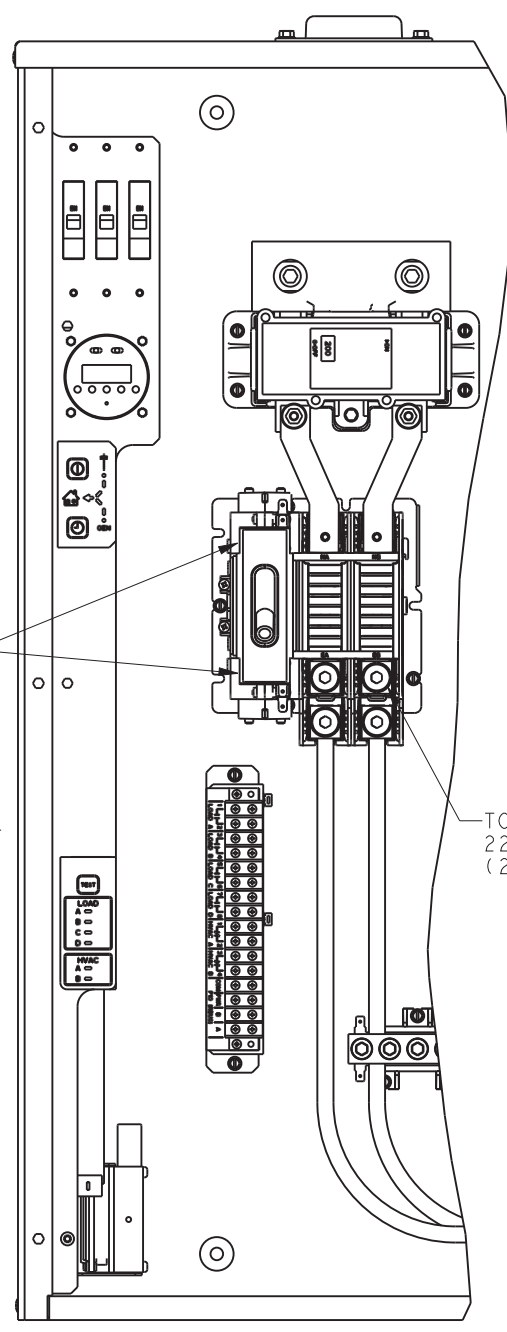
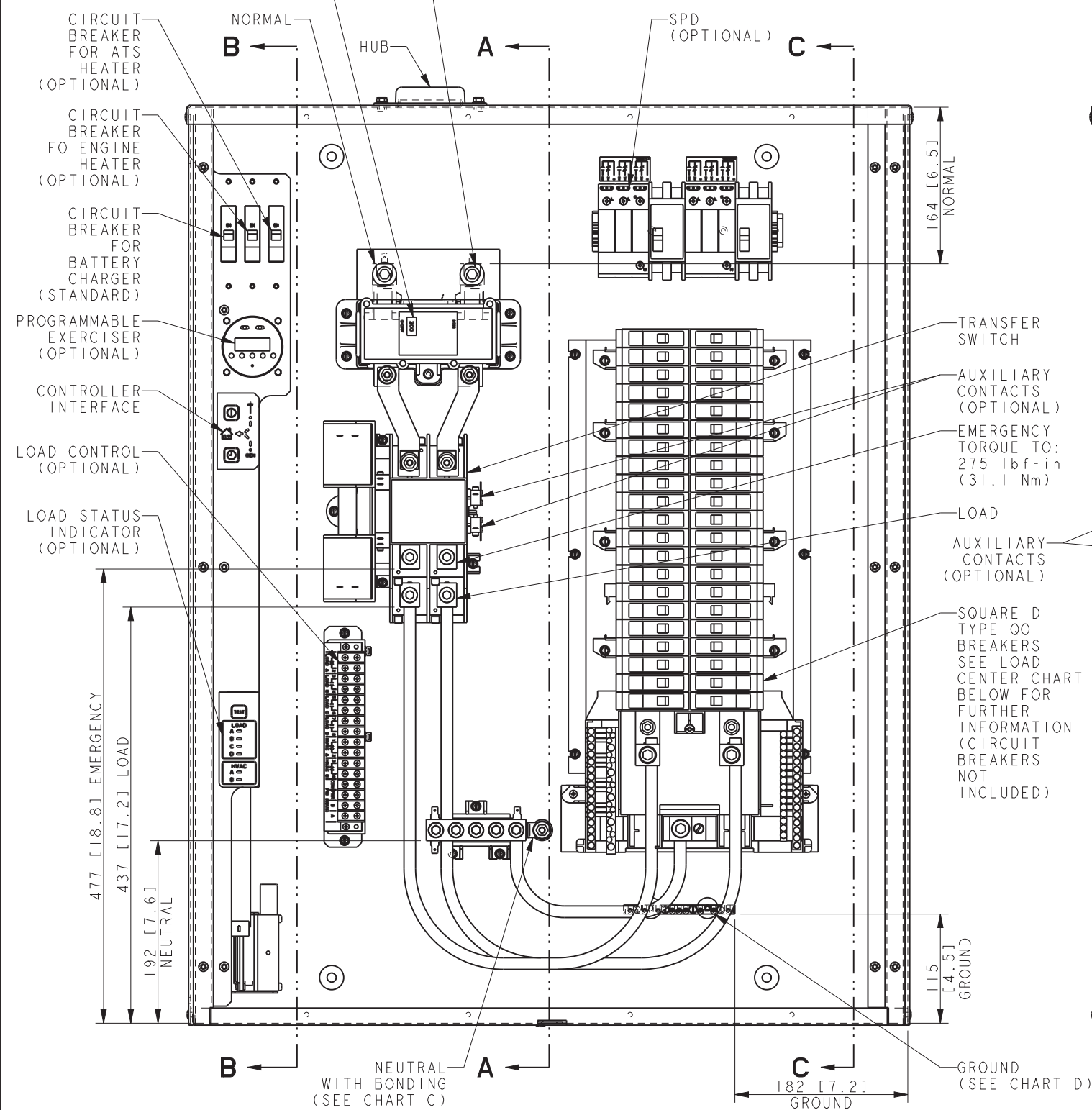
SCALE: 0.30 CAD NO. SHEET 1 of 3
 DWG NO. **ADV-8540** **D**

APPROVALS	DATE
DRAWN BTW	4-1-13
CHECKED BTW	4-1-13
APPROVED MTL	4-1-13

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

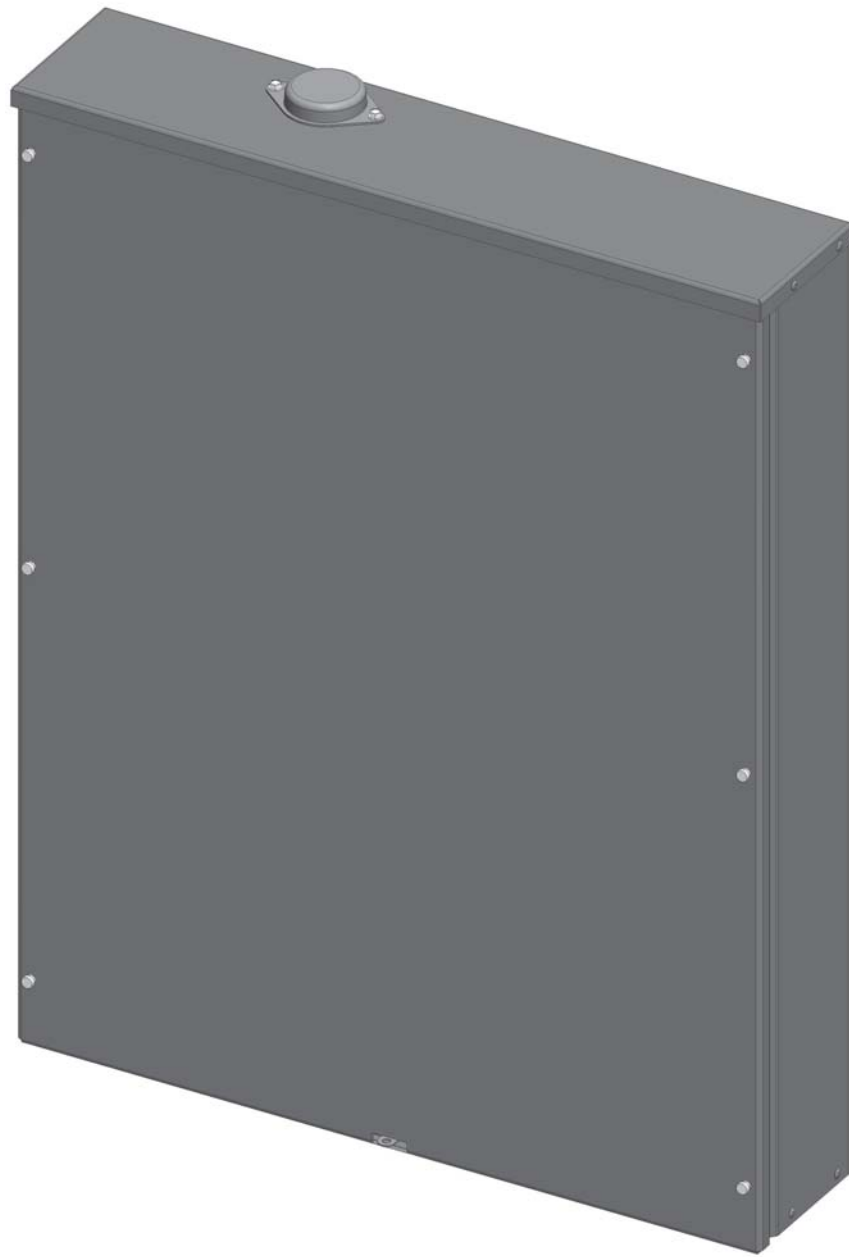
REV	DATE	ON COMPOSITE DWGS. SEE PART NO. FOR REVISION LEVEL	BY
-	4-1-13	NEW DRAWING [CT31187]	BTW
A	6-7-16	LOGO & DECALS REMOVED; [CT148955]	BTW
B	10-11-17	ALTERNATE CONTACTOR VIEW ADDED; (A-6) NEUTRAL: QTY (4) WAS (3) (2 PLACES); (A-5) GROUND: (9) #14 TO #6 AWG WAS (4) #14 TO 1/0 AWG; (4) 1/0 TO #14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

UNLESS OTHERWISE SPECIFIED -
1) DIMENSIONS ARE IN MILLIMETERS
2) TOLERANCES ARE:
X.XX ± 0.25
X.X ± 1.0
X ± 1.5
ANGLES ± 0° 30'

APPROVALS: DATE
DRAWN BTW 4-1-13
CHECKED BTW 4-1-13
APPROVED MTL 4-1-13

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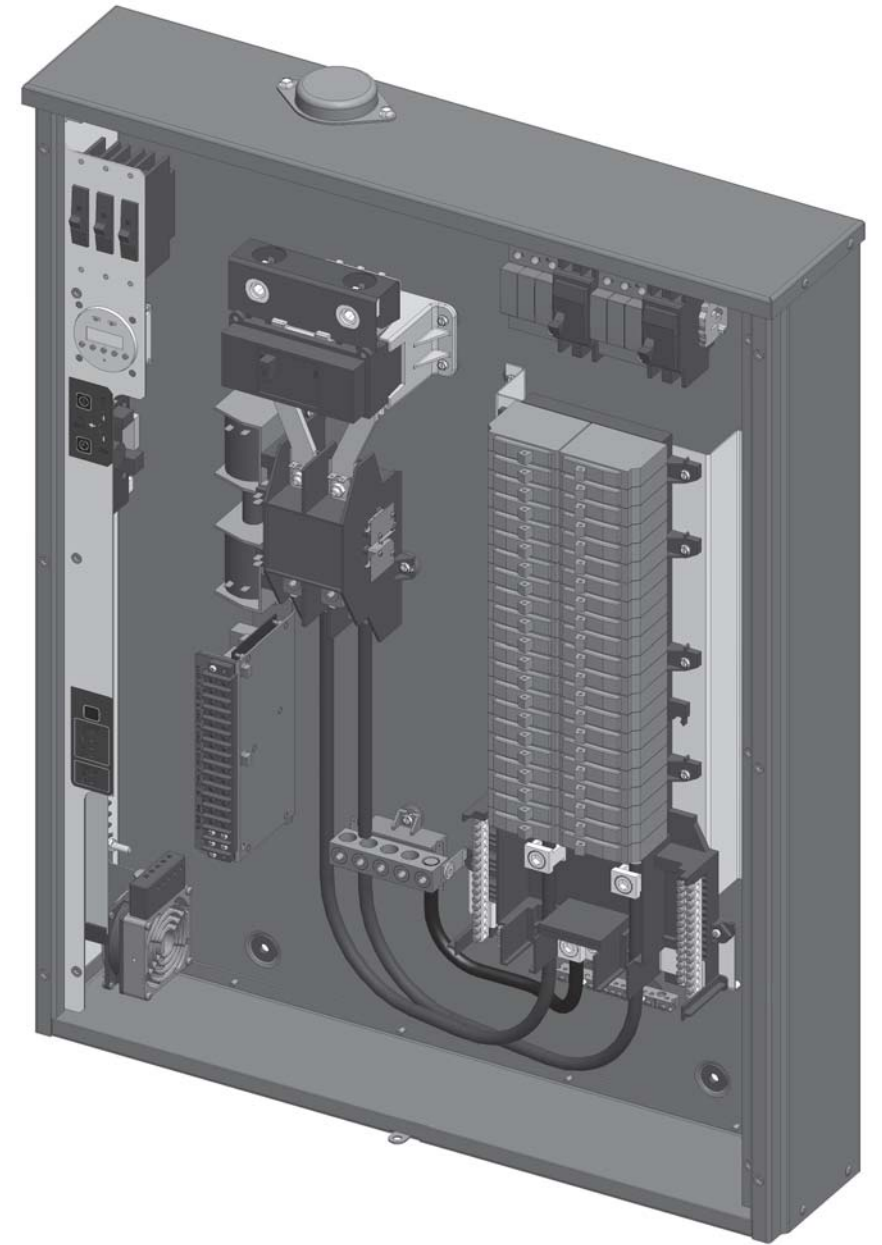
TITLE: **DIMENSION PRINT**
SCALE: 0.35 CAD NO. SHEET 2 of 3
DWG NO. **ADV-8540**



ENCLOSURE WITH COVER SHOWN



INNER PANEL SHOWN



COVER & INNER PANEL REMOVED

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

REV	DATE	ON COMPOSITE DWGS. SEE PART NO. FOR REVISION LEVEL	BY	UNLESS OTHERWISE SPECIFIED - 1) DIMENSIONS ARE IN MILLIMETERS 2) TOLERANCES ARE:
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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**