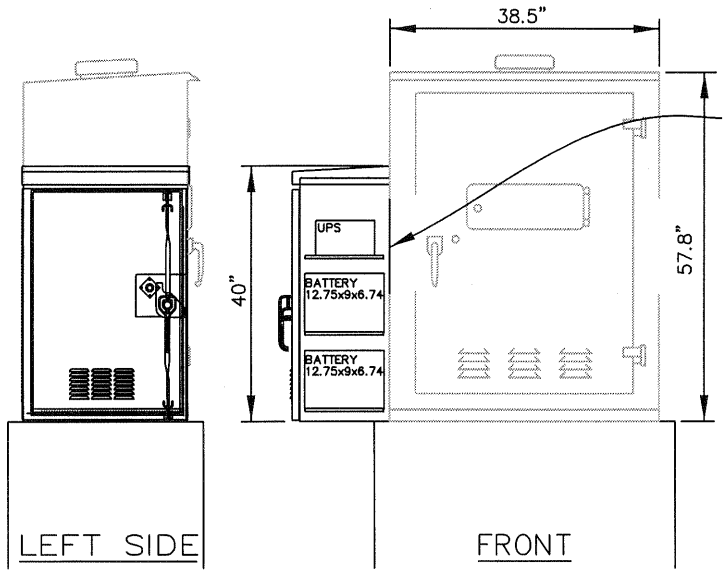
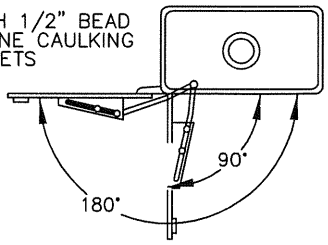
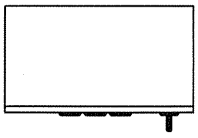


'P' CABINET INSTALLATION

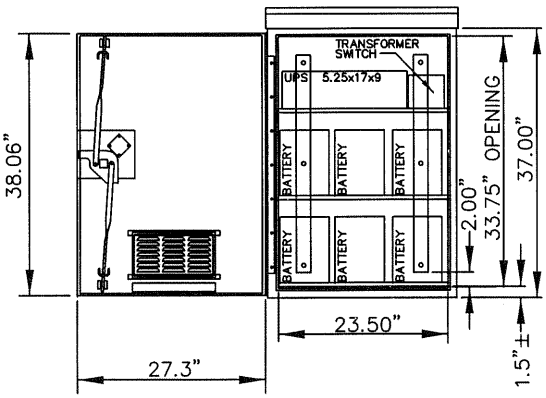


PLAN VIEW

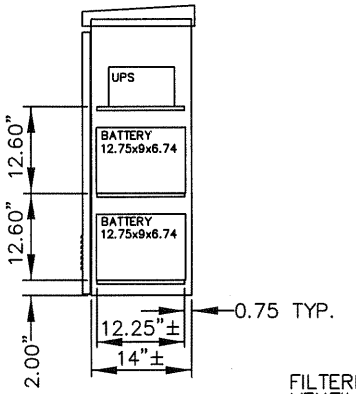
DOOR STOP DETAIL
(2 POSITIONS)



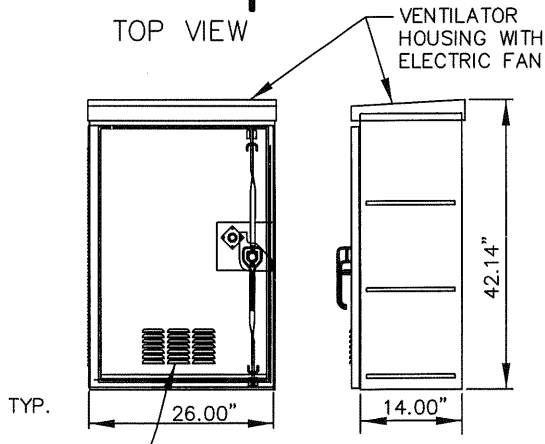
TOP VIEW



FRONT VIEW
DOOR OPEN



SECTION A–A



FRONT VIEW

RIGHT SIDE

LIST OF MATERIALS

MATERIAL – ALUMINUM ALLOY .125 THICK 5032–H32, SURFACE SHALL HAVE A NATURAL ALUMINUM FINISH.

PAINT – NONE

DOORS AND LOCKS – DOORS ARE NEMA 3R CONSTRUCTION WITH NEOPRENE GASKET, RAIN TIGHT CONTINUOUS HINGE .075 THICK ALUMINUM WITH STAINLESS STEEL PIN, SECURED BY 1/4–20 SS CARRIAGE BOLTS, STANDARD EQUIPMENT INCLUDES A 3 POINT LOCKING SYSTEM WHICH SECURES DOOR AT TOP, BOTTOM AND CENTER WITH A #2 CORBIN LOCK, DOOR RODS 1/2"X3/4" ALUMINUM BAR W/1" NYLON ROLLERS, MAIN DOOR HANDLE STEEL, BRUSH ZINC PLATED.

SHELVES – FULL WIDTH SHELVES ARE FURNISHED WITH EACH CABINET, SHELF IS 13 1/2" DEEP WELDED IN PLACE.

VENTILATION – A VENT PATTERN IS PROVIDED ON THE UNDERSIDE OF THE COVER OVERHANG, LOUVER SLOTS ARE FORMED IN THE LOWER PART OF THE MAIN DOOR. THIS CREATES A NATURAL MOVEMENT OF AIR ANS HAS A COOLING AFFECT ON ELECTRICAL EQUIPMENTS.
EXHAUST FAN PER SPECIAL PROVISIONS. THE INTAKE AND EXHAUST IS RAIN TIGHT AND WILL NOT DRAIN WATER INTO THE CABINET.

HARDWARE KIT – INCUDES AS FOLLOWS
- 6 X 1/2 – 13 X 1 1/4" SS BOLT
- 6 X 1/2 – SS KEPT NUT
- 2 X 2" X 30" ALUMINUM STRAP 1/8" THICK W/ 3 HOLES EACH MOUNTING PATTERN
- 6 X 1/2" X 1 1/2" SS WASHER

NOTES: UNLESS OTHERWISE SPECIFIED

REGISTERED PROFESSIONAL ENGINEER
JOHN P. SULLIVAN
No. 24079
Exp. 12-31-07
CIVIL
STATE OF CALIFORNIA

APPROVED BY:				
JOHN P. SULLIVAN CITY ENGINEER	24079 RCE			8/08/06 DATE
RECOMMENDED:				
TRAFFIC/TRANSPORTATION MANAGER	2013 TE			8/07/06 DATE
REV	DESCRIPTION	BY	APP'D	DATE

CITY OF ONTARIO

TRAFFIC SIGNAL BATTERY BACK-UP CABINET

STANDARD DRAWING NUMBER

5202