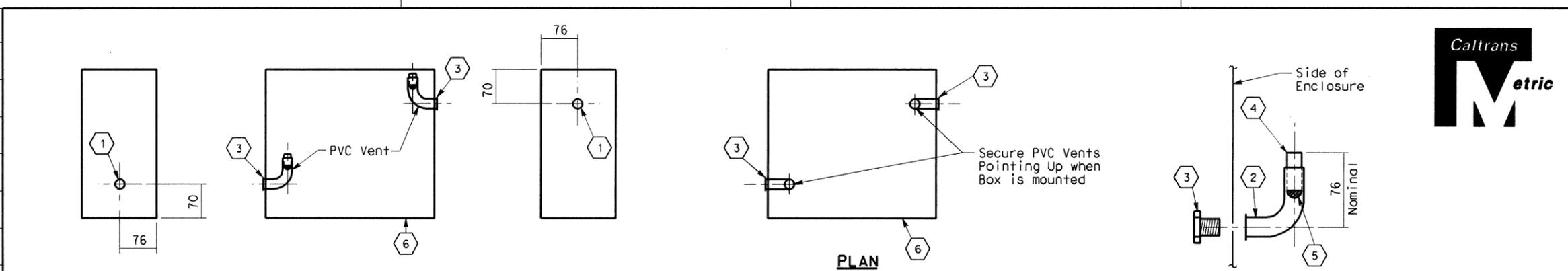


STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans**  
 DESIGN OVERSIGHT  
 BEHZAD GOLEMOHAMMADI



**Caltrans**  
**Metric**

DIST 04 COUNTY SF ROUTE 80 KILOMETER TOTAL PROJECT 13.2/13.9 SHEET No 344R1 TOTAL SHEETS 1204

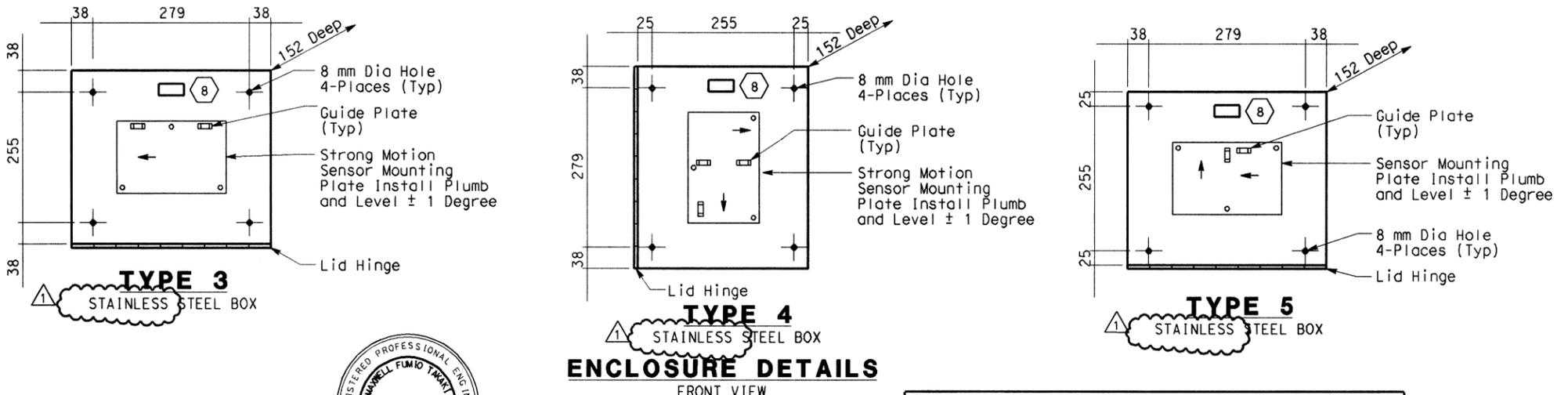
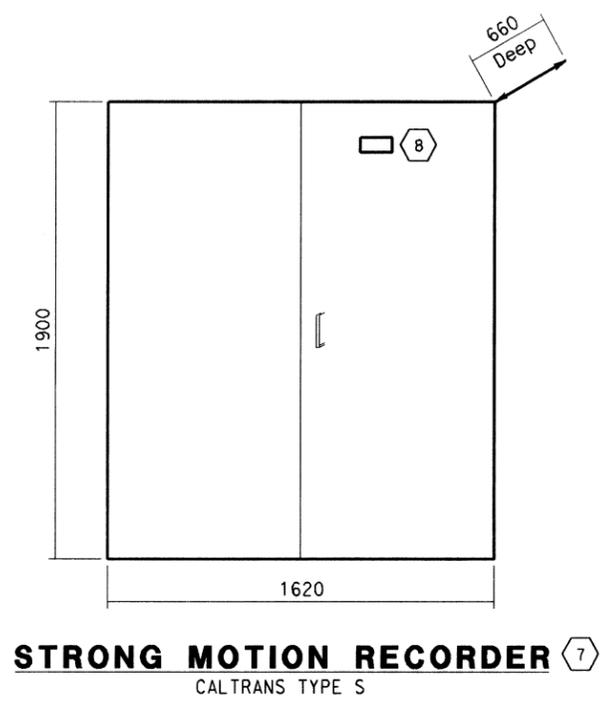
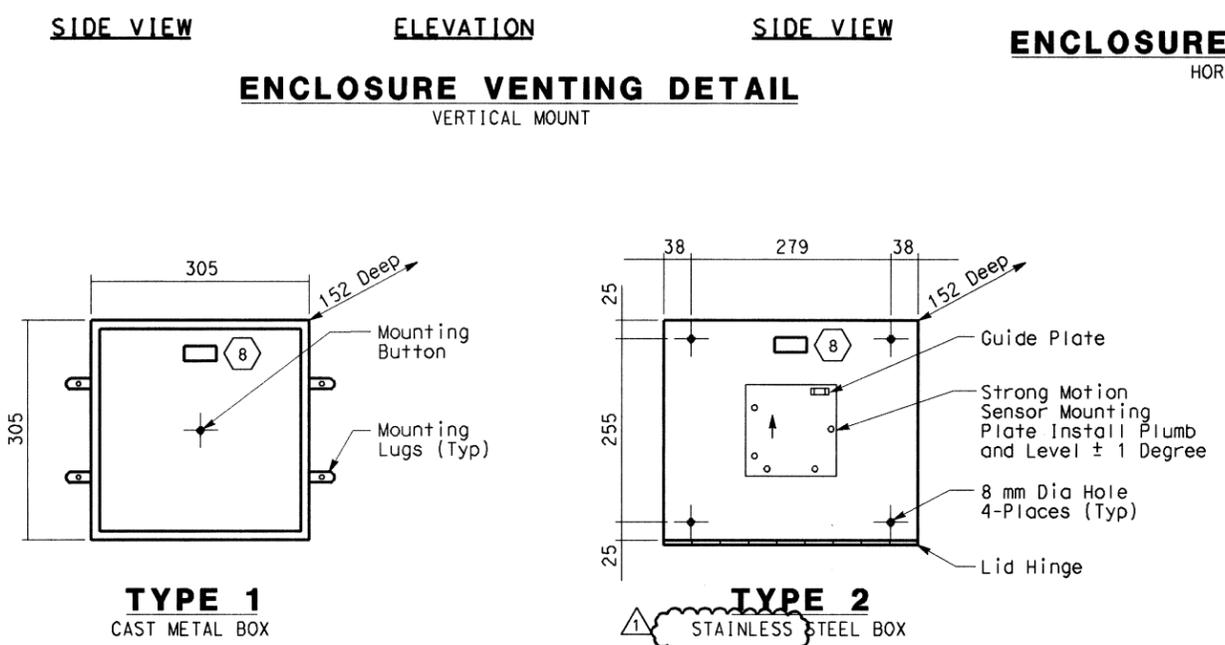
REGISTERED ELECTRICAL ENGINEER DATE 12/19/02  
 JENS ERLINGSSON No. 8249 Exp. 9/30/06

12-6-04 PLANS APPROVAL DATE

PB POWER, Inc.  
 A Parsons Brinckerhoff Company  
 303 Second St., Suite 700N  
 San Francisco, CA 94107-1317

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Caltrans now has a web site! To get to the web site, go to <http://www.dot.ca.gov>



- SHEET NOTES:**
- 1 Punch hole for 27C.
  - 2 27C, schedule 40 PVC, 90° elbow (female threaded-female slip).
  - 3 27 chase nipple, zinc.
  - 4 27C, schedule 40 PVC. Secure item in place with PVC cement (length as required, cut after installation).
  - 5 Hose screen, Stainless steel screen material (used in washing machine).
  - 6 3.2 mm diameter drain hole. Drill at the lowest point of the box to drain any moisture.
  - 7 Enclosures for Strong Motion Recorders #3 and #2 shall be Caltrans Type S, corrosion resistant without shelves or police panels.
  - 8 See nameplate schedule for engravings and materials.

- NOTES:**
1. The high and low vent sides shall be selected as required to facilitate conduit entrances and mounting location.
  2. Strong motion sensor enclosures and mounting plates shall be installed level, plumb, parallel and perpendicular to the structure unless otherwise noted.
  3. Strong motion enclosures shall be mounted to concrete wall with concrete fasteners, 6.35 dia, 40 mm depth embedment and allowable working load of tension at 1.223 kN and shear 2.91 kN. Enclosures mounted on structural steel shall be drilled and top. The strong motion sensor mounting plate shall be bolted through the enclosure to the structural steel. All hardware except fasteners shall be stainless steel.
  4. For Downhole Enclosures details, see Sheet E-379.

REGISTERED PROFESSIONAL ENGINEER  
 MARSHALL FUMIO TAKAY  
 No. E 8651  
 Exp. 9/30/2008  
 ELECTRICAL  
 STATE OF CALIFORNIA

*M. J. Sakal*  
 FOR REVISION ONLY

REQUEST FOR INFORMATION NOT ADDRESSED IN THIS CCO REMAIN IN FORCE

△	02/19/08	ELECTRICAL MODIFICATIONS	MP	RR	42
MARK	DATE	DESCRIPTIONS	BY	CH'D	CCO#
		REVISIONS			

CONTRACT CHANGE ORDER NO. \_\_\_\_\_  
 SHEET \_\_\_\_\_ OF \_\_\_\_\_  
 ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN.

**DETAILS**  
**STRONG MOTION DETECTION SYSTEM**  
**SENSOR AND RECORDER ENCLOSURES**  
 NO SCALE