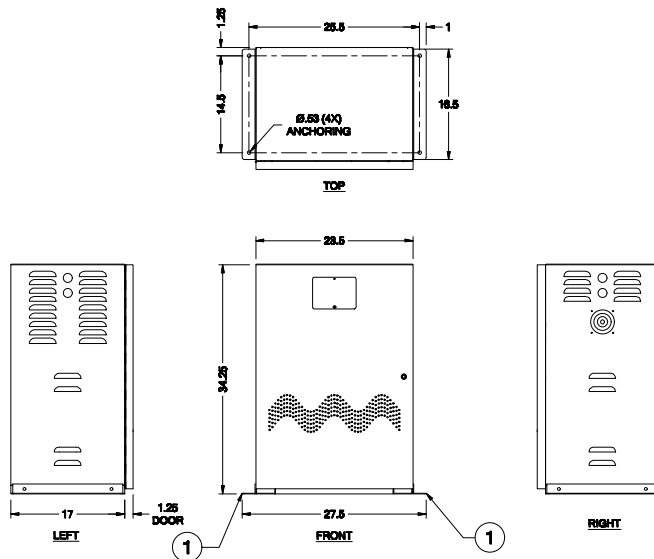
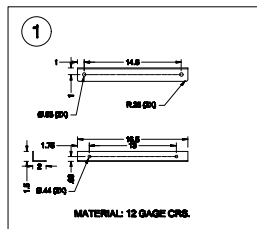
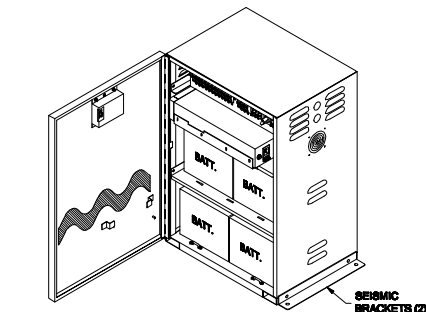


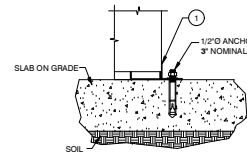
PROPRIETARY  
CONFIDENTIAL INFORMATION

REV		REVISION			DATE	APPROVED
XI	NA	PRELIMINARY				



- NOTES: (UNLESS OTHERWISE SPECIFIED)
- 1) ALL DIMENSIONS SHOWN ARE APPROXIMATE.
  - 2) ENCLOSURE: INDOOR NEMA TYPE 1, COLOR BLACK.
  - 3) DRAWING SHOWN WITH OPTIONAL SEISMIC.
  - 4) RATING: FROM 800 W. TO 2100 W.
  - 5) WEIGHT: FROM 265 LBS UP TO 780 LBS (WITH BATTERIES).

<p>UNLESS OTHERWISE SPECIFIED: DIMENSIONS AND UNITS: MILLIMETERS AND METERS. TOLERANCES: ±0.150 ±0.100 ±0.075 ±0.050 ±0.025 ±0.020 ±0.015 ±0.010 ±0.005 ±0.003 ±0.002 ±0.001 ±0.0005 ±0.0002 ±0.0001</p>	<p>TITLE <b>INVERTER</b></p>
<p>DESIGNER: S.S. DESPTO</p>	<p>REV. DATE</p>
<p>CHECK: W.S.P. DESPTO</p>	<p>REV. DATE</p>
<p>APPROV: G.S. DESPTO</p>	<p>REV. DATE</p>
<p>SCALE: 1"=1'-0"</p>	<p>SHEET NO. 0001-276</p>
<p>DATE: 12-31-2025</p>	<p>REV. NO. XI</p>
<p>APP'D: [Signature]</p>	<p>DATE: 12-31-2025</p>
<p>SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE</p>	



2 ANCHOR DETAIL

LOADS & DISTRIBUTION: MINI POWER WAVE

ANALYSIS BASED ON SECTION 23.3 OF THE ASCE 7.16 SPECIFICATION REFERENCED IN CHAPTER 16 OF THE 2021 IBC/2022 CBC/2023 LABC

Fp (13.3-1) = 0.4 x ad x Scp x Wp / (Rp x Ip)	0.234 x Wp	SHALL NOT BE GREATER THAN
Fp (13.3-2) = 1.6 x Scp x Ip x Wp	2.336 x Wp	
Fp (13.3-3) = 0.3 x Scp x Ip x Wp	0.438 x Wp	SHALL NOT BE LESS THAN

SITE CLASS = D

Fa = 1.2

Ss = 1.83

Sp = 1.66

Ip = 1.00

Rp = 2.5

wp = 1

ASCE 7-16 Table 13.5-1

ASCE 7-16 Table 13.5-1

Wp = 760 LB

$$0.77p = 0.7 \times 760 \times 0.38 = 203.16 \text{ LB}$$

$$= 233 \text{ LB}$$

OVERTURNING ANALYSIS:

CABINET HEIGHT, Hc = 34.0 IN

ANCHORS SPACING, D = 14.0 IN

$$M_{ot} = W_{net} \times H_c / 2 = 233 \text{ LB} \times 34 \text{ IN} / 2 = 3961 \text{ IN} \cdot \text{LB}$$

$$M_{ot} = W_p \times D / 2 = 760 \text{ LB} \times 14 \text{ IN} / 2 = 5320 \text{ IN} \cdot \text{LB}$$

$$P_{uallft} = (M_{ot} - 0.6 \times M_{ot}) / D = (3961 \text{ IN} \cdot \text{LB} - 0.6 \times 5320 \text{ IN} \cdot \text{LB}) / 14 \text{ IN} = 55 \text{ LB} \ll \text{UP/LIFT}$$

ANCHORS

ALLOWABLE CAPACITY PER ICC REPORT AND ACI 318-14 CHAPTER 17

PULLOUT: 1170 LB  $T_{nominal,100}$

ANCHORS: 2390 LB  $V_{nominal,100}$

COMBINED STRESS =  $(55 \text{ LB} / 2390 \text{ LB}) + (233 \text{ LB} / 9560 \text{ LB}) = 0.05 \ll 1.2 \text{ OK}$

USE 1/2" Ø x 3" MIN. EMBED. HILTI KB-T22 (ICC ESR-4266) OR APPROVED EQUAL [4] PER CABINET

- NOTES:
1. DESIGNED PER THE 2021 IBC / 2022 CBC / 2023 LABC.
  - Fa = 1.2 & Ss = 1.82
  2. STORAGE CAPACITY: 780# MAX. WEIGHT.
  3. ANCHORS: HILTI KWIK BOLT T22.
  - ICC # ESR-4266 W/ LABC SUPPLEMENT
  4. CONCRETE: 8" THICK x 2,800 PSI.
  5. SOIL BEARING PRESSURE: 600 PSF. (MIN. REQ'D).
  6. EVALUATION BASED ON NORTHRIDGE LOCATION (ONE OF THE HIGHEST LA FAULT AREAS) WITH THE FOLLOWING CALCULATION AS A TYPICAL EXAMPLE. (ASSUMED GROUND FLOOR INSTALLATION)

POWER COMPANY  
NORTHBRIDGE, CA 91924

REV.	DATE	BY	DESCRIPTION



DRAWN BY: M.V. J.T.C.  
DATE: 01/25/24  
JOB REV. BY:  
REV. DATE:  
TYPE:  
SCALE: N.T.S.  
APPROV BY: SALE PERSON



12-31-2025

DESCRIPTION:  
CABINET  
DETAILS

DRAWING NUMBER:  
24-0186-E

CALCULATIONS