CALCULATED VIBRATION ISOLATION ROOF CURBS SUNCHOICE UNITS

AV 28, AD 28, AE 18-23, AW 18-23, AH 25, AL 25, HV 25

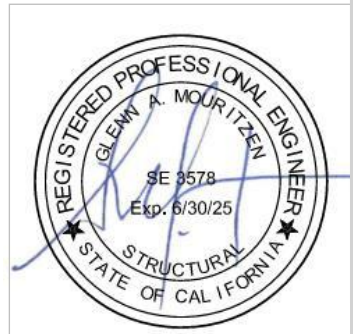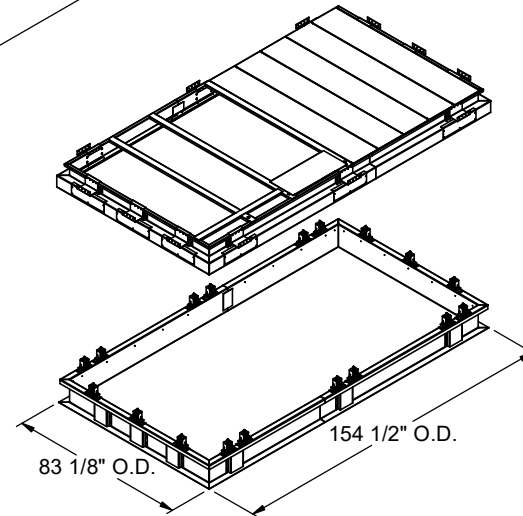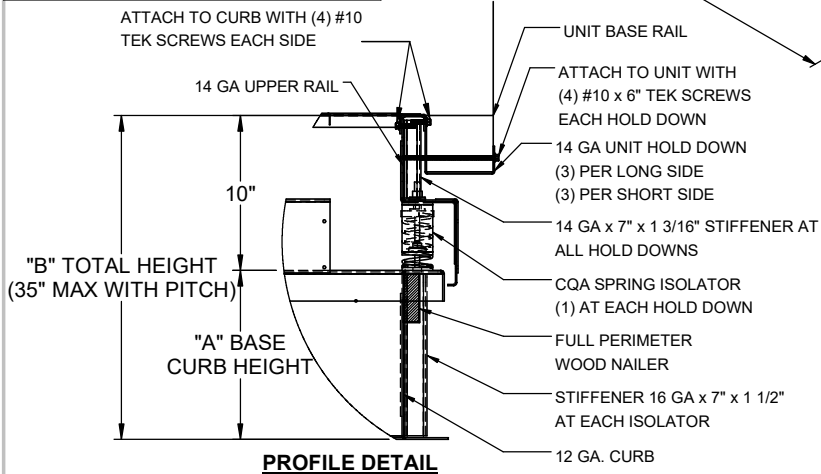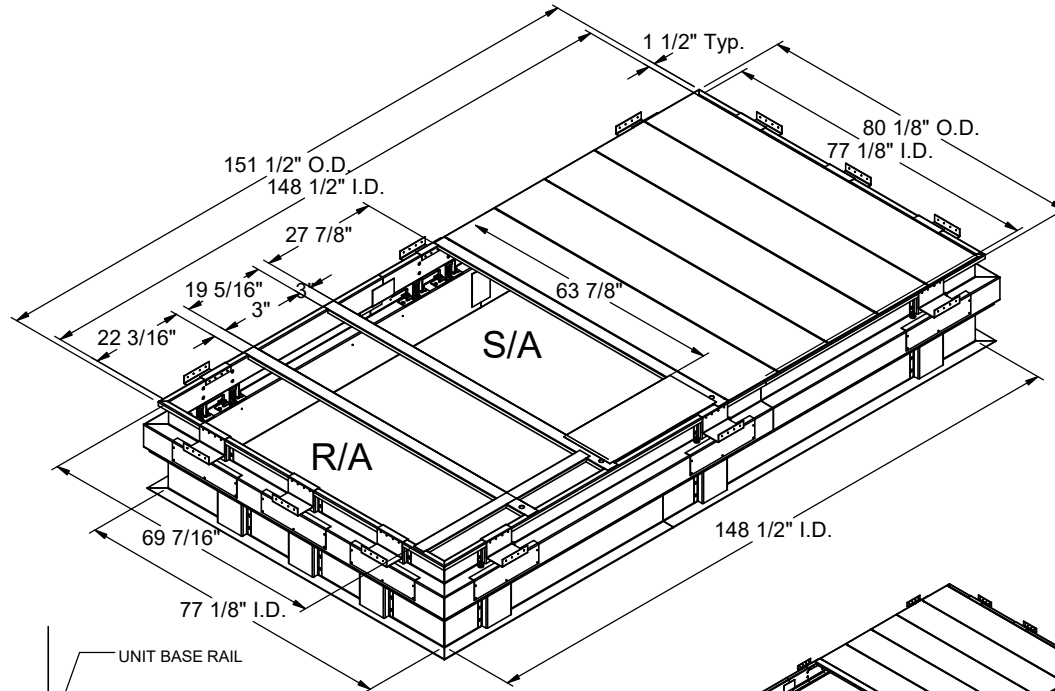| PROVENT P/N	A	B	EST. WEIGHT
CBISCSAV2818**	8"	18"	653 Lbs
CBISCSAV2821**	11"	21"	698 Lbs
CBISCSAV2824**	14"	24"	748 Lbs

**Note: Spring configuration must be added to part number at time of order

Weight of upper portion supported by spring isolators= 365 Lbs.

Meets seismic requirements for the following codes:
CBC 2022
IBC 2021

For wood, concrete and steel attachment see Roof Anchorage Detail, Form No. CB-62.

Welded Isolation springs housingare standard. For bolted spring housing, neoprene pads and spring cups see Weldment and Bolting Detail, Form No. CB-61

FEATURES

- Roof curb base 12 ga.
- Roof curb upper rail 14 ga.
- Fully welded construction.
- Gasketing package provided.
- Heat treated wood nailer provided.
- insulated deck pans provided.
- Pitched curbs and taller curbs are available.
- CalDyn OSHPd pre-approved seismic restraints. (OPM-0401-13), (CQA).

NOTES

- Attach ductwork to roof curb. Flanges of duct rest on top of the curb, Support ductwork below the curb.
- Thru the curb utillities are available. Contact you York distributor or Provent directly.

Dimensions shown: 151 1/2" O.D., 148 1/2" I.D., 27 7/8", 19 5/16", 3", 22 3/16", 3", 1 1/2" Typ., 80 1/8" O.D., 77 1/8" I.D., 63 7/8", S/A, R/A, 69 7/16", 148 1/2" I.D., 77 1/8" I.D., 154 1/2" O.D., 83 1/8" O.D.

PROFILE DETAIL

- ATTACH TO CURB WITH (4) #10 TEK SCREWS EACH SIDE
- 14 GA UPPER RAIL
- UNIT BASE RAIL
- ATTACH TO UNIT WITH (4) #10 x 6" TEK SCREWS EACH HOLD DOWN
- 14 GA UNIT HOLD DOWN (3) PER LONG SIDE (3) PER SHORT SIDE
- 14 GA x 7" x 1 3/16" STIFFENER AT ALL HOLD DOWNS
- CQA SPRING ISOLATOR (1) AT EACH HOLD DOWN
- FULL PERIMETER WOOD NAILER
- STIFFENER 16 GA x 7" x 1 1/2" AT EACH ISOLATOR
- 12 GA. CURB
- "B" TOTAL HEIGHT (35" MAX WITH PITCH)
- 10"
- "A" BASE CURB HEIGHT

Seal: REGISTERED PROFESSIONAL ENGINEER GLENN A. MOURITZEN SE 3578 Exp. 6/30/25 STRUCTURAL STATE OF CALIFORNIA

SUBMITED TO: _____
COMPANY: _____
JOB NAME: _____
EQUIPMENT: _____
NOTES: _____

FORM NO:	PART NUMBER:
CBISC-14	CBISCSAV28 SERIES

DATE:	REV:	DRAWN BY:
8/16/2023	2	FMM