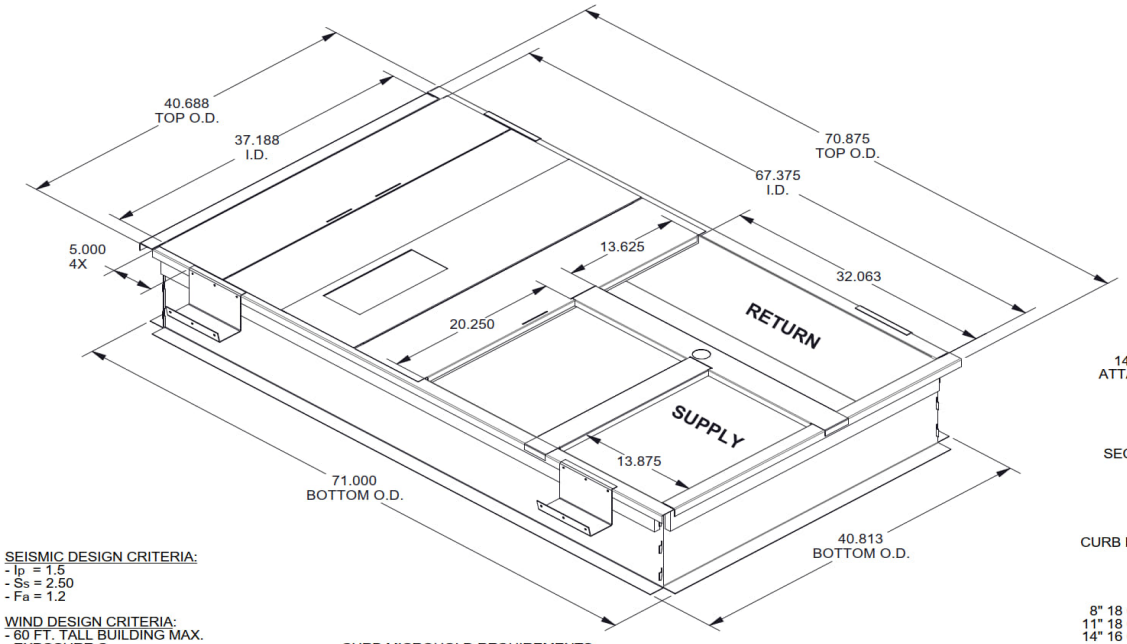
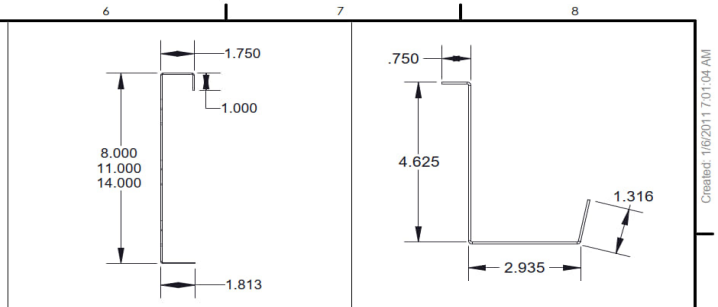
| MicroMetl | Date: | Weight: 98lbs (US) 44.45kg (Metric) | Part Number: CRBK-SRT12HA-1411 |
|---|---|---|---|
| | RTU: | | |
| Submitted to: | | Approved by: | Notes: |

Knockdown Structurally Calculated Curb - 14 Inches Tall Non Insulated Full Perimeter Knockdown Structurally Calculated Curb, California State Standard, High Seismic Criteria, Includes Hold-Down Brackets. "Structurally" Stamped By A Professional Engineer, Without Pitch, Insulated Deck Pan If Applicable, Includes Wood Nailer & Hold Down Brackets. Meets Seismic Requirements for 2022 CBC & 2021 IBC. Wind Design Criteria: 60 Foot Tall Building Maximum, Exposure C, 155 MPH - 3 Second Gust Speed, Risk Category III & IV.

FORM NO.: _____



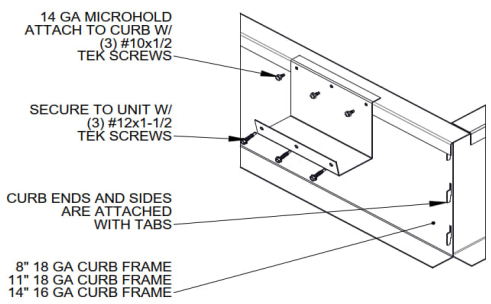



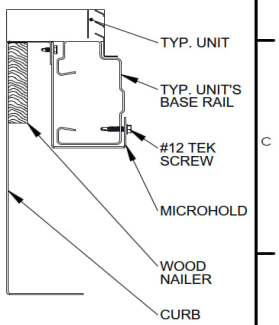

CURB END DETAIL

MICROHOLD DETAIL

KNOCK DOWN CURB CORNER DETAIL

UNIT TO CURB ATTACHMENT DETAIL




SEISMIC DESIGN CRITERIA:
- Ip = 1.5
- Ss = 2.50
- Fa = 1.2

WIND DESIGN CRITERIA:
- 60 FT. TALL BUILDING MAX.
- EXPOSURE C
- 155 MPH, 3-SECOND GUST WIND SPEED
- RISK CATEGORY III & IV

CURB MICROHOLD REQUIREMENTS:
- (2) MICROHOLDS PER LONG SIDE
- (0) MICROHOLDS PER SHORT SIDE

THE STANDARD PRODUCT DOES NOT INCLUDE THROUGH THE SIDE SERVICE HOLES

Created: 1/6/2011 7:01:04 AM

## MicroMetl Corporation

| | | |
|---|---|---|
| CRBK-SRT12HA-08 Series | 08" TALL | 69 LBS. |
| CRBK-SRT12HA-11 Series | 11" TALL | 87 LBS. |
| CRBK-SRT12HA-14 Series | 14" TALL | 98 LBS. |

STRUCTURALLY CALCULATED KNOCK DOWN CURB

MAX UNIT WEIGHT 1099 lbs.


Indianapolis, IN. : (800) 662-4822
Sparks, NV. (800) 884-4662
Longview, TX. (903) 248-4800


DRAWN BY: IR | DATE 08/24/2022

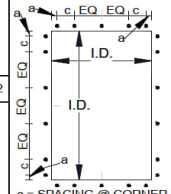
MEETS SEISMIC REQUIREMENTS FOR 2022 CBC & 2021 IBC

MEETS REQUIREMENTS FOR 155 MPH, 60' BUILDING HEIGHT MAX. 3 SEC. GUST, EXP C

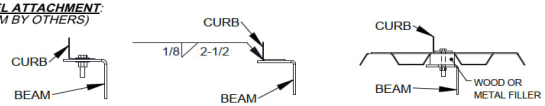
### ANCHORAGE DETAILS TO ROOF:

ALL DETAILS ARE CALCULATED USING THE SEISMIC DESIGN CRITERIA INDICATED ABOVE. FOR ANY OTHER TYPE OF ANCHORAGE THE EOR HAS THE OPTION TO CALCULATE THE ANCHORAGE USING SITE SPECIFIC PARAMETERS AND LOADS.

**TYPICAL PLAN VIEW**




***STEEL ATTACHMENT:***
*(BEAM BY OTHERS)*



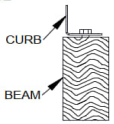

(12) A307 1/2" DIA. BOLTS, W/ WASHER CENTERED ON FLANGE
(1) EACH LONG SIDE
(1) EACH SHORT SIDE
(2) EACH CORNER
a = 2"
c = 6"

WELD OPTION:
(2.5") LONG 1/8" FILLET WELDS ARE PERMITTED TO BE USED IN PLACE OF EACH BOLT INDICATED BY THE STEEL ATTACHMENT DETAIL, EQUALLY SPACED

(12) A307 1/2" DIA. BOLTS, W/ WASHER CENTERED ON FLANGE
(1) EACH LONG SIDE
(1) EACH SHORT SIDE
(2) EACH CORNER
a = 2"
c = 6"

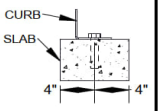
***WOOD ATTACHMENT:***
*(REF: DOUGLAS FIR)*

(36) 1/4" x 3" SIMPSON SDS W/ WASHER, CENTERED ON CURB FLANGE
(7) EACH LONG SIDE
(3) EACH SHORT SIDE
(4) EACH CORNER
a = 1"
c = 3"




***CONCRETE ATTACHMENT:***
*(3000 PSI MINIMUM, 6" MINIMUM THICKNESS)*
*(4" MIN EDGE DISTANCE, 3-3/4" EMBEDDED)*

(12) 1/2" SIMPSON TITEN HD CENTERED ON CURB FLANGE, 8" MINIMUM SPACING
(1) EACH LONG SIDE
(1) EACH SHORT SIDE
(2) EACH CORNER
a = 3"
c = 8"




REGISTERED PROFESSIONAL ENGINEER
CLIFFORD H. JOHNSON
No. 2602
Exp. 6-30-25
STRUCTURAL
STATE OF CALIFORNIA

7/6/23

BJG# 20220039

PRINTED: 8/24/2022


THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF MICROMETL CORPORATION. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF MICROMETL CORPORATION IS PROHIBITED.


ENGS03A


This Document Is The Property Of MicroMetl Corporation And Is Delivered Upon The Express Condition That The Contents Will Not Be Disclosed Or Used Without MicroMetl's Written Consent. MicroMetl Reserves The Right To Discontinue, Or Change At Any Time, Specifications & Designs Without Any Notice Incurring Obligations.


Master Revision 0001A

Page Revision 0001A