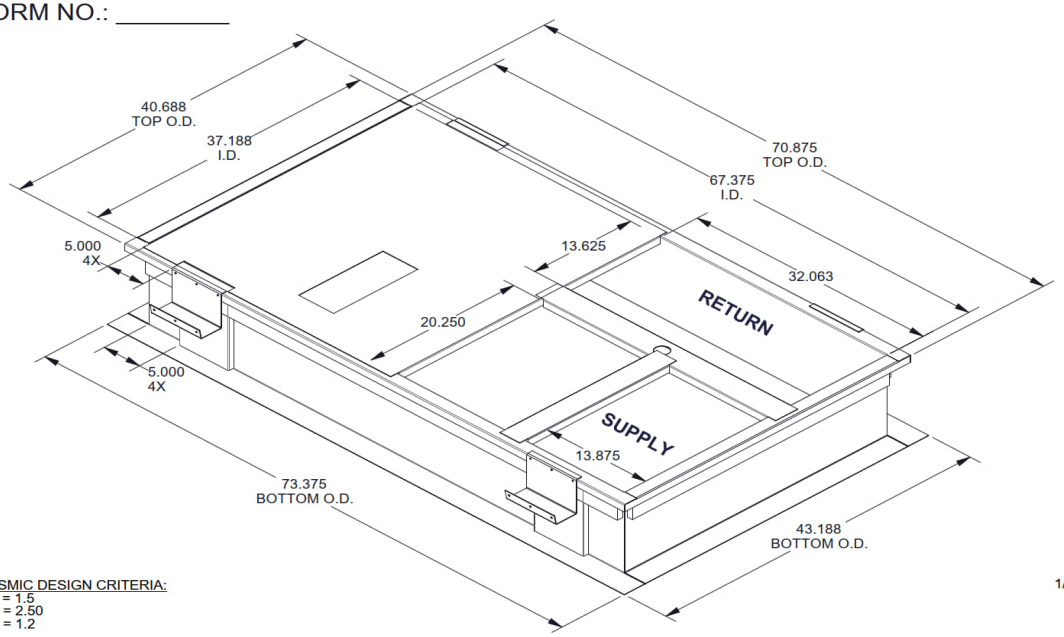
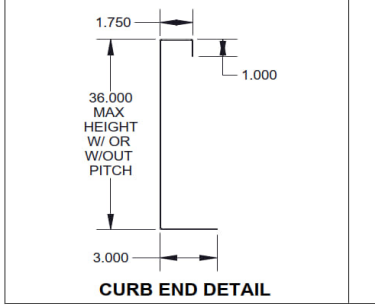
MicroMetl	Date:	Weight: 105lbs (US) 47.63kg (Metric)	Part Number: CRBW-SRT12HA-1411
	RTU:		
Submitted to:		Approved by:	Notes:

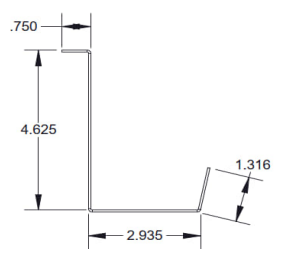
Welded Structurally Calculated Curb - 14 Inches Tall Non Insulated Full Perimeter Welded Structurally Calculated Curb Curb, California State Standard, Standard Seismic Criteria, "Structurally" Stamped By A Professional Engineer, Without Pitch, Insulated Deck Pan If Applicable, Includes Wood Nailer &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

FORM NO.: _____





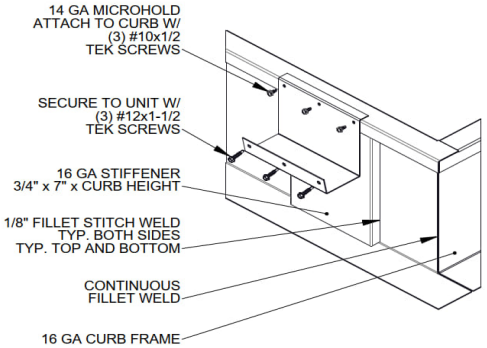
CURB END DETAIL

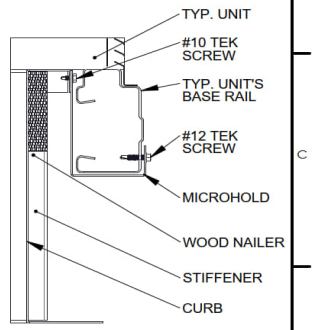


MICROHOLD DETAIL

WELDED 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 STIFFENER REQUIREMENTS:
- STIFFENERS ARE REQUIRED ON ALL CURBS OVER 16" TALL
- (2) STIFFENERS, (2) MICROHOLDS PER LONG SIDE
- (0) STIFFENERS, (0) MICROHOLDS PER SHORT SIDE

THE STANDARD PRODUCT DOES NOT INCLUDE THROUGH THE SIDE SERVICE HOLES

MicroMetl Corporation

CRBW-SRT12HA-08 Series	08" TALL	84 LBS.
CRBW-SRT12HA-11 Series	11" TALL	95 LBS.
CRBW-SRT12HA-14 Series	14" TALL	105 LBS.
CRBW-SRT12HA-24 Series	24" TALL	153 LBS.
CRBW-SRT12HA-36 Series	36" TALL	202 LBS.

STRUCTURALLY CALCULATED WELDED 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

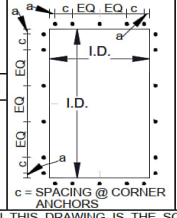
MEETS SEISMIC REQUIREMENTS FOR 2022 CBC & 2021 IBC

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

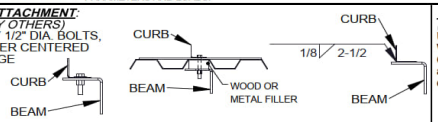
ANCHORAGE DETAILS TO ROOF:

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



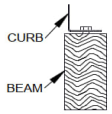
STEEL ATTACHMENT:
(BEAM BY OTHERS)
USE A307 1/2" DIA. BOLTS, W/ WASHER CENTERED ON FLANGE
a = 2"
c = 6"



CURB HEIGHT	QTY OF ANCHORS: EA. LONG SIDE	EA. SHORT SIDE	EA. CORNER	TOTL
UP TO 14"	1	1	2	12
UP TO 24"	1	1	2	12
UP TO 36"	1	1	4	20

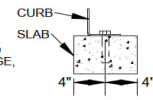
WELD OPTION:
(2.5") LONG 1/8" FILLET WELDS ARE PERMITTED TO BE USED IN PLACE OF EACH BOLT INDICATED BY THE STEEL ATTACHMENT DETAIL, EQUALLY SPACED

WOOD ATTACHMENT:
(REF. DOUGLAS FIR)
USE 1/4" x 3" SIMPSON SDS W/ WASHER, CENTERED ON CURB FLANGE
a = 1"
c = 3"



CURB HEIGHT	QTY OF ANCHORS: EA. LONG SIDE	EA. SHORT SIDE	EA. CORNER	TOTL
UP TO 14"	6	2	4	32
UP TO 24"	6	3	4	34
UP TO 36"	8	3	6	46

CONCRETE ATTACHMENT:
(3000 PSI MINIMUM, 6" MINIMUM THICKNESS) (4" MIN EDGE DISTANCE, 3-3/4" EMBEDDED)
USE 1/2" SIMPSON TITEN HD CENTERED ON CURB FLANGE, 8" MIN. SPACING
a = 3"
c = 8"



CURB HEIGHT	QTY OF ANCHORS: EA. LONG SIDE	EA. SHORT SIDE	EA. CORNER	TOTL
UP TO 14"	1	1	2	12
UP TO 24"	1	1	2	12
UP TO 36"	2	1	2	14

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

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Master Revision 0001A

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