



182 GRANITE STREET, SUITE 101, CORONA, CA 92879

PHONE: (951)278-1830 FAX: (951)278-8444 www.canfab.com canfab@canfab.com

FOR: GROUP B

TEMPSTAR 6 - 12 1/2 TON

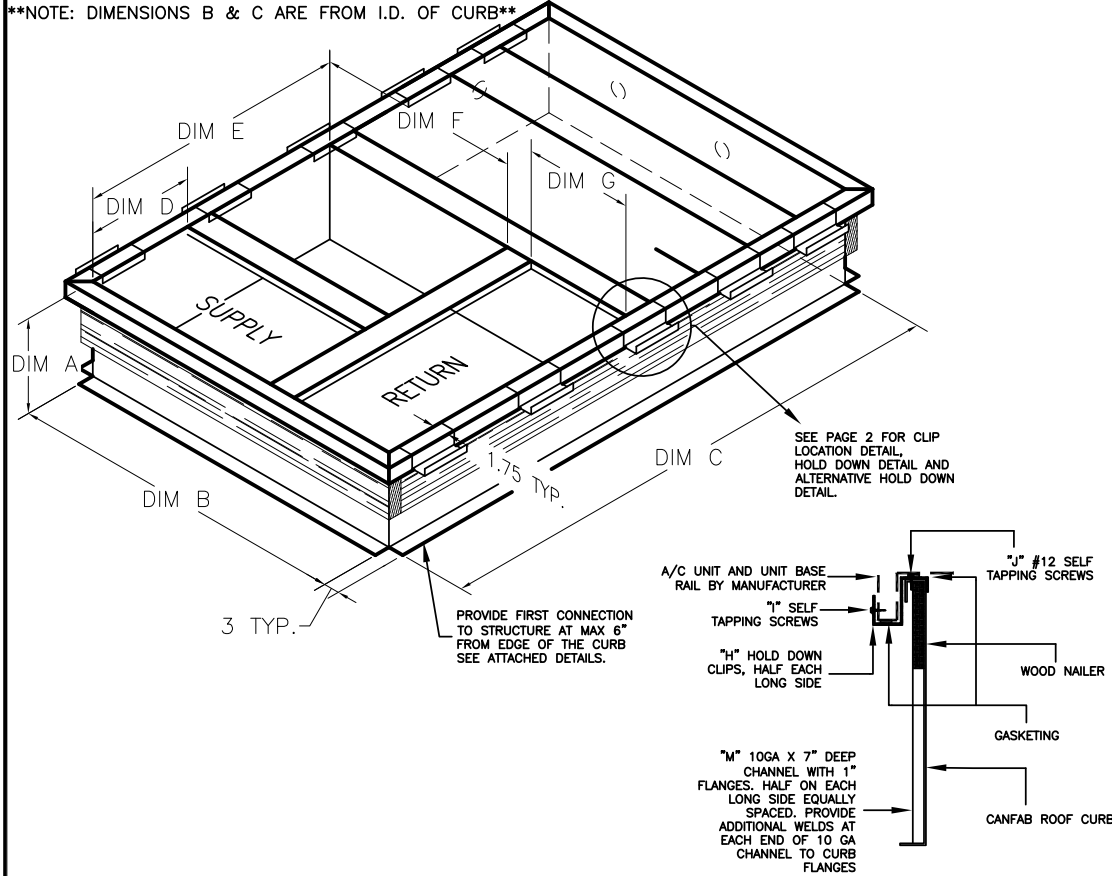
RAH 72-120, RAS 90-150, RGH 72-120, RGS

90-150, RHH 72-102, RHS 90-120

PART NO: 1007-CB

DIM A	DIM B	DIM C	DIM D	DIM E	DIM F	DIM G	DIM H
VARIES MAX 36" SEE TABLE 3	50"	78.25"	16.0625"	40.125"	31.375"	15.625"	N/A

NOTE: DIMENSIONS B & C ARE FROM I.D. OF CURB



ALL WORK SHALL CONFORM TO THE STANDARD OF 2018 INTERNATIONAL BUILDING CODE & 2019 CALIFORNIA BUILDING CODE.

SEISMIC DESIGN CRITERIA

-SDS = 1.5 ap = 2.5
-I = 1.5 Rp = 6.0

WIND DESIGN CRITERIA

-MAX 60 FT TALL BUILDING
-EXPOSURE C
-175 MPH, 3 SECOND GUST WIND

NOTE:

INSTALLER TO VERIFY WITH A LICENSED STRUCTURAL ENGINEER IN THE CORRESPONDING STATE THE ADEQUACY OF THE STRUCTURE FOR LOADS IMPOSED BY THE UNIT AND THE CURB IN ADDITION TO ALL OTHER LOADS.
-INSTALLER TO VERIFY WITH A LICENSED STRUCTURAL ENGINEER IN THE CORRESPONDING STATE THAT THE SEISMIC AND WIND DESIGN CRITERIA NOTED ON THIS DRAWING ARE ADEQUATE FOR THE SITE SPECIFIC VALUES. OTHERWISE, CONTACT CANNON FABRICATION FOR A SITE SPECIFIC ANALYSIS AND DRAWINGS.

CURB CONSTRUCTION

1) WELDED
2) BOLTED
3) FINGERLOCK
-ALL WELDING CONSTRUCTION CERTIFIED TO ANSI/AWS D1.3 STRUCTURAL WELDING CODE-SHEET METAL
-SELF-DRILLING SCREW SHALL MEET ASTM C1513 SPECIFICATION AND INSTALLED PER AISI-S100
-NO GAP IS ALLOWED BETWEEN TWO METAL SHEET SURFACES WHERE SHEET METAL SCREW IS CONNECTED

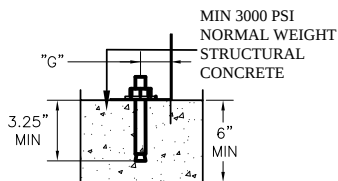
CURB AND UNIT INFORMATION

"A" GAUGE GALVANIZED STEEL CURB

-SEE TABLE 3 FOR ALLOWABLE CURB AND UNIT DIMENSIONAL AND WEIGHT

-SEE TABLE 4 FOR TABULATED CURB AND ANCHORAGE INFORMATION PER VARYING CURB HEIGHT

-ALPHA DESIGNATIONS "A" THRU "M", CAN BE FOUND ON TABLE 4, PAGE 3

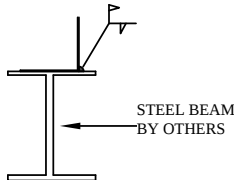


ATTACHMENT TO STRUCTURAL CONCRETE

"B" 1/2" HILTI KWIK BOLT TZ SS 304, HALF EACH LONG SIDE.
"C" 1/2" HILTI KWIK BOLT TZ SS 304, HALF EACH SHORT SIDE.

NOTE:

-MIN 5" AWAY FROM THE NEAREST CONCRETE EDGE (INSTALL PER ICC-ES ESR-1917).
-STRUCTURALLY ACCEPTABLE TO SUBSTITUTE HILTI KBTZ STAINLESS STEEL BOLTS WITH HILTI KBTZ CARBON STEEL BOLTS ONLY IF ALL THE BOLTS ARE COMPLETELY WATERPROOFED AND PROTECTED AGAINST THE WEATHER.
-BOLTS SHALL BE EQUALLY SPACED

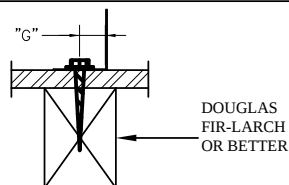


ATTACHMENT TO STRUCTURAL STEEL

1/8" FILLET WELD, 2" LONG, "D" ON CENTER.

NOTE:

-PROVIDE MIN 2 CONNECTIONS WHERE THE CURB SIDE IS SHORTER THAN THE WELD SPACING.
-PROVIDE WELDS ON ALL SIDES



ATTACHMENT TO WOOD

"E" 3/8"x4" LAG SCREWS, HALF EACH LONG SIDE.
"F" 3/8"x4" LAG SCREWS, HALF EACH SHORT SIDE.

NOTE:

-SCREWS SHALL BE EQUALLY SPACED.

STRUCTURAL REVIEW BY:

MARTIN & associates

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950 South Grand Ave., 4th Floor
Los Angeles, California 90015
Phone (213) 483 6490
Fax (213) 483 3084
Job No.: 13001



12/7/2018

PROJECT: IBC 2018/ CBC 2019 UPDATE

DATE: 11.30.18

ENGINEER: LD

DISTRIBUTOR:

DRAWING NUMBER: GROUP_B.DWG

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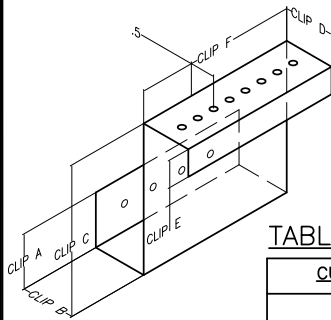
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FOR: GROUP B

PART NO: SEE BELOW

HOLD DOWN DETAIL



NOTE:

SEE TABLE 1 FOR DESIGNATED HOLD DOWN CLIP PER CURB

TABLE 1 HOLD DOWN CLIP PER CURB

CURB	CLIP	GAUGE	CLIP A [IN]	CLIP B [IN]	CLIP C [IN]	CLIP D [IN]	CLIP E [IN]	CLIP F [IN]
1007	1909-SHD8-12	12 GA	1.5	2.625	4.5625	1.875	1.0	9.0
3011	3901-SHD8-12	12 GA	1.0	4.81	3.875	2.125	1.0	9.0
4027S	4901-SHD8-12	12 GA	2.0	3.0625	4.625	1.875	1.0	9.0
6041	6907-SHD8-12	12 GA	2.0	2.0	3.25	1.875	1.0	9.0
6041S	6907-SHD8-12	12 GA	2.0	2.0	3.25	1.875	1.0	9.0

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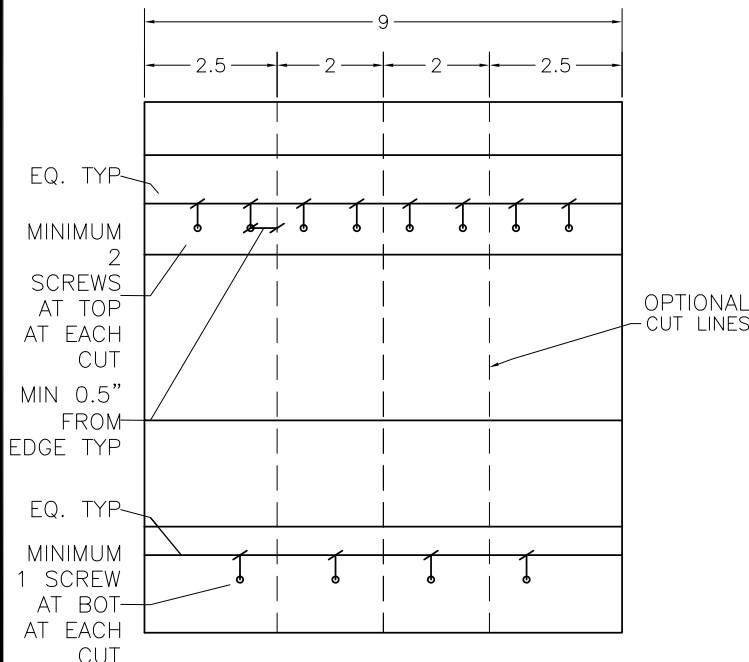
12/7/2018

ALTERNATIVE HOLD DOWN DETAIL

NOTE:

APPLICABLE ONLY FOR 9" LONG HOLD DOWN WITH (8) SCREWS AT TOP AND (4) SCREWS AT BOT EQUALLY SPACED

1. INFORMATION SHOWN ON THE STAMPED CANFAB CURB DRAWING IS THE MINIMUM REQUIREMENTS FOR THE CURB CONSTRUCTION AND INSTALLATION. NO STRUCTURAL OBJECTION TO THE USE OF LARGER SIZE SCREWS AND THICKER GAUGE SHEET METAL THAN THE INFORMATION SHOWN ON THE STAMPED CANFAB CURB DRAWING.
2. NO STRUCTURAL OBJECTION TO SHIFTING THE ATTACHMENT CLIPS ALONG THE CURB. FIRST AND LAST CLIP IN THE SERIES OF CLIPS SHALL BE LOCATED PER CLIP LOCATION DETAIL PER STAMPED CANFAB CURB DRAWING. DISTANCE SHIFTED SHALL NOT BE LARGER THAN THE LENGTH OF THE CLIP.
3. NO STRUCTURAL OBJECTION TO CUTTING THE ATTACHMENT CLIPS PER REQUIREMENTS AS SHOWN ON BELOW SKETCH.



CLIP LOCATION DETAIL

NOTE:

SEE TABLE 2 FOR CLIP LOCATION

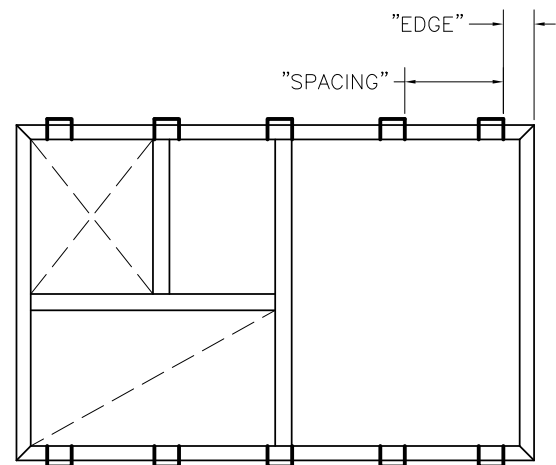


TABLE 2 CLIP LOCATION

CURB	EDGE [IN]	SPACING [IN]
1007	7.75	16.56
3011	7.75	13.09
4027S	7.75	25.70
6041	7.75	17.125
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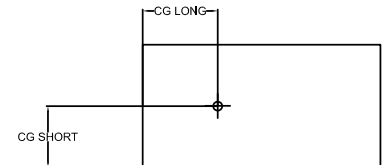
PART NO: SEE BELOW

TABLE 3 ALLOWABLE CURB AND UNIT DIMENSION AND WEIGHT

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RELATED CURBS	LCURB [IN]	WCURB [IN]	HCURB [IN]	WTCURB [LBS]	LUNIT [IN]	WUNIT [IN]	HUNIT [IN]	WTUNIT [LBS]	CG LONG [IN]	CG SHORT [IN]	CG HEIGHT [IN]
1007	SEE PAGE 1	SEE PAGE 1	MIN 8	MIN 157	88.125	59.5	47	MAX 2028	53.875	9.125	23.75
			11	179							
			14	204							
			18	235							
			24	356							
			MAX 36	MAX 479							
3011	SEE PAGE 1	SEE PAGE 1	MIN 8	MIN 148	89	59	50.75	MAX 1589	49.75	35.5	HUNIT/2
			11	169							
			14	189							
			18	216							
			24	331							
			MAX 36	MAX 442							
4027S	SEE PAGE 1	SEE PAGE 1	MIN 8	MIN 102	98.25	47	46.875	MAX 1316	47	22	HUNIT/2
			11	123							
			14	144							
			18	172							
			24	291							
			MAX 36	MAX 407							
6041	SEE PAGE 1	SEE PAGE 1	MIN 8	MIN 144	88.625	53.25	46.875	MAX 1565	49	24	HUNIT/2
			11	165							
			14	185							
			18	213							
			24	331							
			MAX 36	MAX 446							
6041S	SEE PAGE 1	SEE PAGE 1	MIN 8	MIN 150	99.688	63.188	50.875	MAX 1916	54	27	HUNIT/2
			11	173							
			14	195							
			18	225							
			24	352							
			MAX 36	MAX 475							

TABLE 4 TABULATED CURB AND ANCHORAGE INFORMATION PER VARYING HEIGHT

		0 < H ≤ 18"	18" < H ≤ 22"	22" < H ≤ 30"	30" < H ≤ 36"
A	CURB THICKNESS	14 GA	14 GA	12 GA	12 GA
B	EXP. ANCHOR	6	6	8	8
C	EXP. ANCHOR	4	4	6	6
D	WELD	36"	36"	36"	24"
E	SCREWS	18	20	24	28
F	SCREWS	12	14	16	16
G	DISTANCE	MAX 0.75"	MAX 0.75"	MAX 0.75"	MAX 0.75"
H	NO. OF CLIPS	10	10	10	10
I	CLIP SMS	(4) #12	(4) #12	(4) #12	(4) #12
J	CLIP SMS	(8) #12	(8) #12	(8) #12	(8) #12
K	ISO RAIL	N/A	N/A	N/A	N/A
L	NO. OF ISOLATORS	N/A	N/A	N/A	N/A
M	NO. OF STIFFENERS	N/A	N/A	N/A	(6)

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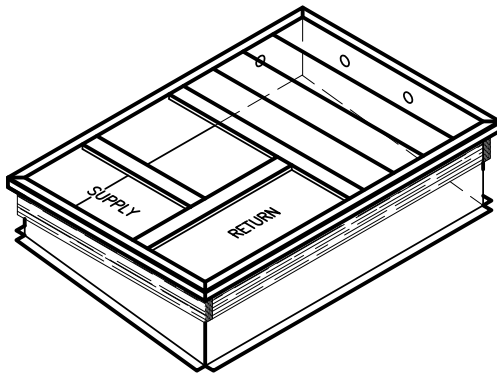
PART NO:

PITCHED ROOF CURB

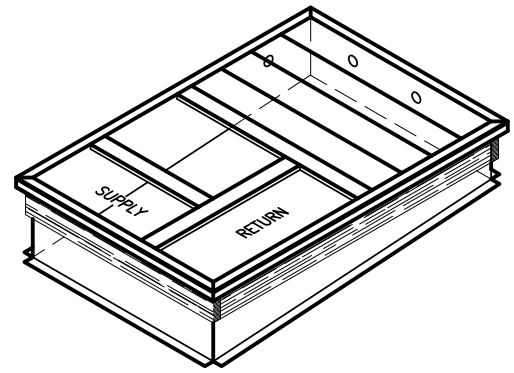
DRAWING MUST ACCOMPANY ALL PITCHED CURB ORDERS

APPLIES TO STANDARD AND ISOLATION CURBS

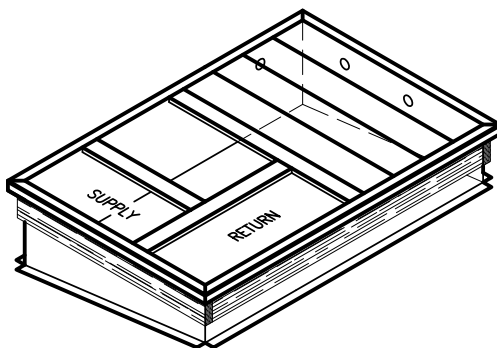
(A)



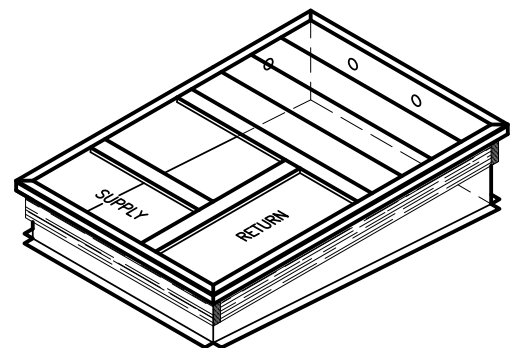
(B)



(C)



(D)



_____ ON 12"

(CIRCLE A, B, C OR D TO SPECIFY DUCT PLACEMENT)

PROJECT:

DATE: 01.08.19

ENGINEER:

DISTRIBUTOR:

DRAWING NUMBER: