



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 ISO

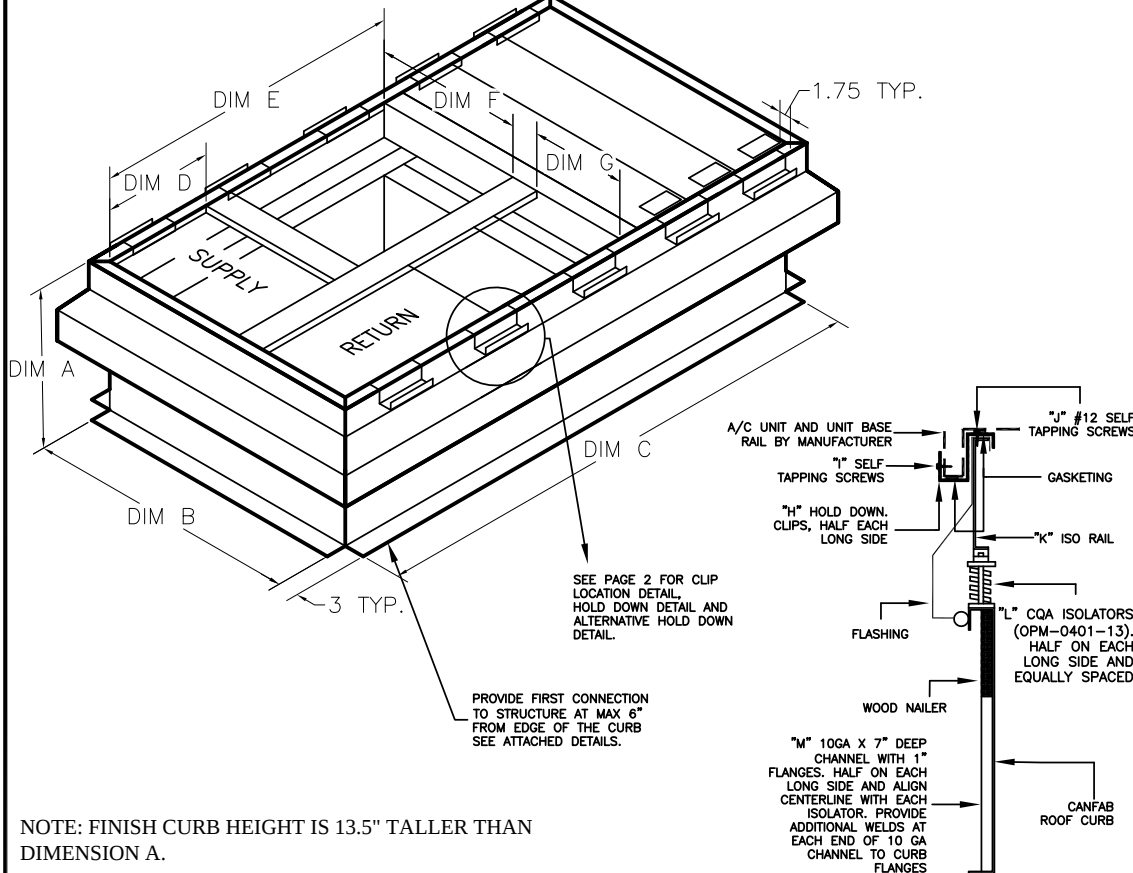
TEMPSTAR 6 - 12 1/2 TON

RAH 72-120, RAS 90-150, RGH 72-120, RGS
90-150, RHH 72-102, RHS 90-120

PART NO: 1008-XIC

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 = 2.0

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

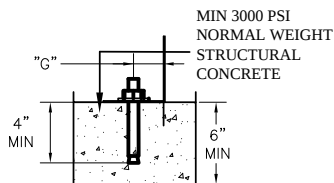
"A" GAUGE GALVANIZED STEEL CURB

-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

NOTE: FINISH CURB HEIGHT IS 13.5" TALLER THAN DIMENSION A.

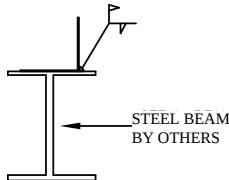


ATTACHMENT TO STRUCTURAL CONCRETE

"B" 5/8" HILTI KWIK BOLT TZ SS 304, HALF EACH LONG SIDE.
"C" 5/8" 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

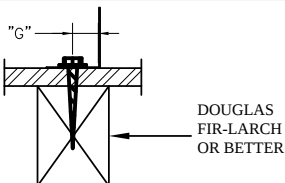


ATTACHMENT TO STRUCTURAL STEEL

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:

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Job No.: 13001



12/7/2018

PROJECT: IBC 2018/ CBC 2019 UPDATE

DATE: 11.30.18

ENGINEER: LD

DISTRIBUTOR:

DRAWING NUMBER: GROUP_B_ISO.DWG

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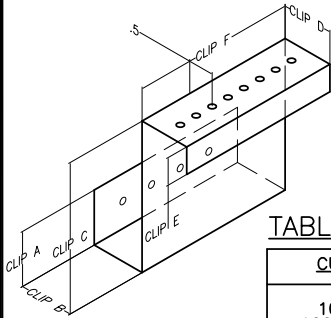
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FOR: GROUP B ISO

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	GUAGE	CLIP A [IN]	CLIP B [IN]	CLIP C [IN]	CLIP D [IN]	CLIP E [IN]	CLIP F [IN]
1008 1008-XIC	1909-SHD8-12	12 GA	1.5	2.625	4.5625	1.875	1.0	9.0
3012	3901-SHD8-12	12 GA	1.0	4.81	3.875	2.125	1.0	9.0
4028S	4901-SHD8-12	12 GA	2.0	3.0625	4.625	1.875	1.0	9.0
6042	6907-SHD8-12	12 GA	2.0	2.0	3.25	1.875	1.0	9.0
6042S	6907-SHD8-12	12 GA	2.0	2.0	3.25	1.875	1.0	9.0

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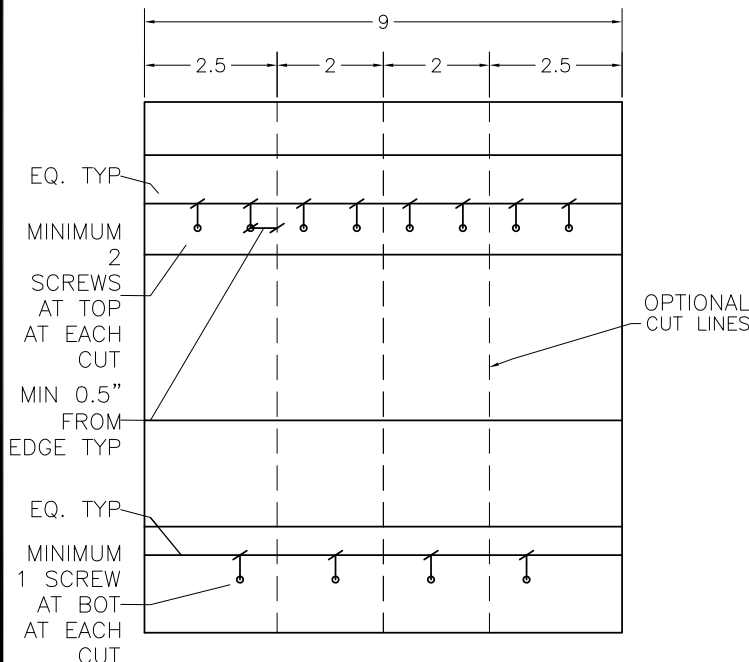
12/7/2018

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

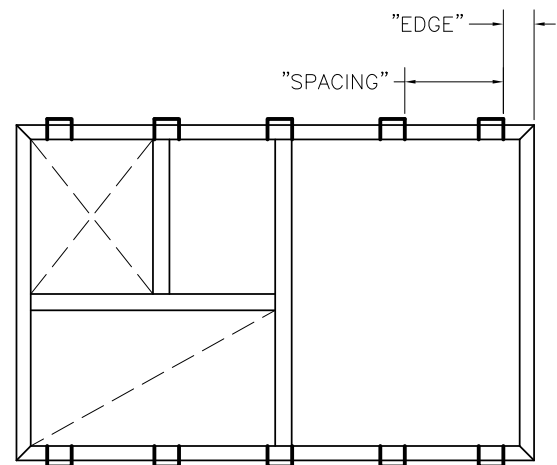


TABLE 2 CLIP LOCATION

CURB	EDGE [IN]	SPACING [IN]
1008, 1008-XIC	7.75	16.56
3012	7.75	13.09
4028S	7.75	25.70
6042	7.75	17.125
6042S	7.75	17.125

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TABLE 3 ALLOWABLE CURB AND UNIT DIMENSION AND WEIGHT

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]
1008 1008-XIC	SEE PAGE 1	SEE PAGE 1	MIN 8	MIN 405,408	88.125	59.5	47	MAX 2028 FOR 1008 MAX 2186 FOR 1008-XIC	53.875	9.125	23.75
			11	438, 441							
			14	474, 477							
			18	519, 522							
			24	662, 665							
			MAX 36	MAX 828,831							
3012	SEE PAGE 1	SEE PAGE 1	MIN 8	MIN 406	89	59	50.75	MAX 1589	49.75	35.5	HUNIT/2
			11	438							
			14	469							
			18	510							
			24	647							
			MAX 36	MAX 801							
4028S	SEE PAGE 1	SEE PAGE 1	MIN 8	MIN 327	98.25	47	46.875	MAX 1316	47	22	HUNIT/2
			11	359							
			14	391							
			18	433							
			24	574							
			MAX 36	MAX 733							
6042	SEE PAGE 1	SEE PAGE 1	MIN 8	MIN 442	88.625	53.25	46.875	MAX 1565	49	24	HUNIT/2
			11	474							
			14	505							
			18	547							
			24	687							
			MAX 36	MAX 845							
6042S	SEE PAGE 1	SEE PAGE 1	MIN 8	MIN 473	99.688	63.188	50.875	MAX 1916	54	27	HUNIT/2
			11	507							
			14	540							
			18	584							
			24	733							
			MAX 36	MAX 899							

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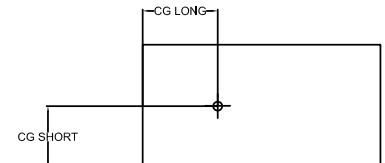


TABLE 4 TABULATED CURB AND ANCHORAGE INFORMATION PER VARYING HEIGHT

		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	8	8	10	10
C	EXP. ANCHOR	6	6	8	8
D	WELD	18"	18"	18"	18"
E	SCREWS	36	38	38	40
F	SCREWS	24	24	24	24
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) #14	(4) #14	(4) #14	(4) #14
J	CLIP SMS	(8) #14	(8) #14	(8) #14	(8) #14
K	ISO RAIL	10 GA 7.5" DEEP X 1" FLANGES			
L	NO. OF ISOLATORS	8 FOR 3012 AND 4028S, 10 FOR 1008, 6042 AND 6042S & 11 FOR 1008 XIC			
M	NO. OF STIFFENERS	8 FOR 3012 AND 4028S, 10 FOR 1008, 6042 AND 6042S & 11 FOR 1008 XIC			

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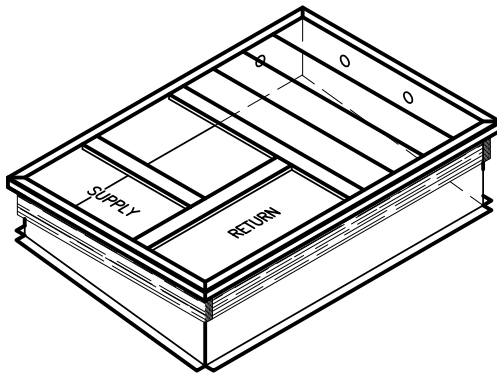
PART NO:

PITCHED ROOF CURB

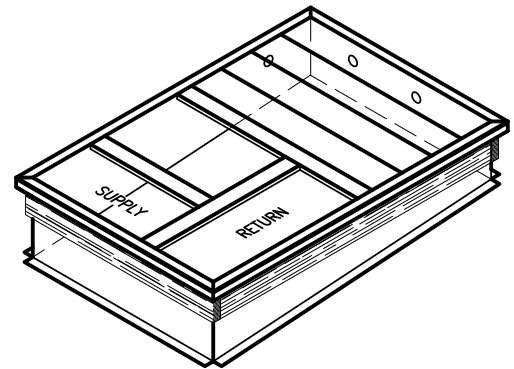
DRAWING MUST ACCOMPANY ALL PITCHED CURB ORDERS

APPLIES TO STANDARD AND ISOLATION CURBS

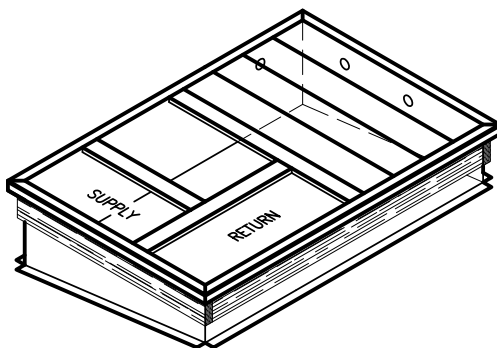
(A)



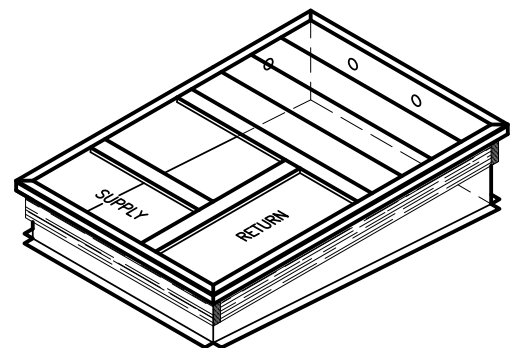
(B)



(C)



(D)



_____ ON 12"

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

PROJECT:

DATE: 01.08.19

ENGINEER:

DISTRIBUTOR:

DRAWING NUMBER: