

GIRT FASTENED INTERNALLY AT EACH END w/ #10x1.5" EACH SCREW GROOVE. FASTEN TO BEAM w/ 2"x2"x1/8" ANGLE (2) #12 SMS INTO BEAM & (2) #10x1.5 THRU ANGLE INTO GUTTER WHERE NO GIRT IS PRESENT, ATTACH ANGLE DIRECTLY TO GUTTER

1"x5"x2" WIDTH EXTRUDED GUTTER BRACKET (THICKNESS OF LEG @ WOOD SCREW SHALL BE 0.125" MIN., LONG LEG SHALL BE 0.072" MIN.) @ EACH BEAM w/(2) #10x3/4" SMS @ 1" SPACING INTO GUTTER LIP. FOR BEAMS ABOVE 2x8 INSTALL GUTTER BRACE AT MIDPOINT BETWEEN BEAMS & INCLUDE 2" GUTTER BRACE AT EACH BEAM LOCATION.

2"x2"x1/8" ANGLE w/(2) #10 SMS EACH LEG

CLOSE BOTTOM OF BEAM WHEN TRIMMED .044 RECEIVING CHANNEL, FASTEN w/(2) #12 SMS EACH SIDE OF BEAM

FOR BEAM OVER 2x5 .044 RECEIVING CHANNEL FASTEN TO STRUCTURAL GUTTER INTERNALLY w/(2) #10 SMS ALTERNATELY 2x2x1/8" ANGLE BELOW GIRT, (2) #14 SMS INTO BEAM & (2) #10 SMS INTO STRUCTURAL GUTTER

EXISTING HOST STRUCTURE (DESIGNED BY OTHERS)

(2) #14 WOOD SCREWS @ 1" SPACING @ EACH GUTTER BRACKET & (1) @ 18" O.C. MAX. MIN. EMBEDMENT SHALL BE 2"

SIDE VIEW

#10 SMS WITHIN 6" & @ 24" O.C. MAX.

FASTEN GUTTER TO FASCIA w/ #14x2" WOOD SCREW 18" O.C.

(2) #10 SMS

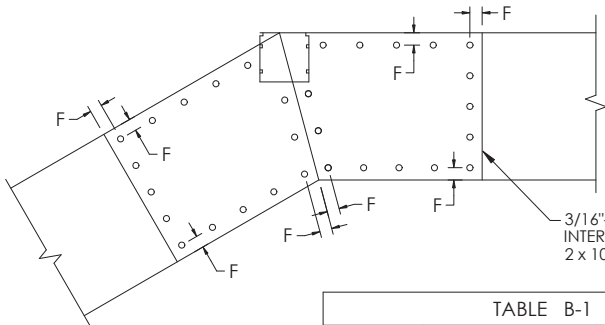
(2) #14x2" WOOD SCREW

FASCIA (2"x6" MIN. EXISTING)

STRUCTURAL GUTTER

TOP VIEW

DETAIL "H" BEAM TO GUTTER CONNECTION SCALE: NTS



3/16"-5052-H32 GUSSET INTERNAL OR EXTERNAL 2 x 10 SMB ILLUSTRATED

NOTE F  
INSTALL FASTENERS ALONG PERIMETER OF GUSSET -BEAM JOINT 3/8" MIN. FROM EDGE. FASTENERS MAY BE STAGGERED TO INSURE PROPER QUANTITY PER TABLE B-1

FASTENER PATTERN MAY APPEAR DIFFERENT FROM ILLUSTRATION. MAINTAIN 1/2" SEPARATION BETWEEN FASTENERS. MAINTAIN 3/8" MIN. FASTENER SEPARATION FROM BEAM JOINT OR EDGE OF BEAM LAP. FASTENERS MAY BE EVENLY SPACED AROUND EDGE OF GUSSET WITHIN 3/8" OF BEAM JOINT. FASTENERS MAY BE STAGGERED TO INSURE PROPER QUANTITY PER TABLE B-1

DETAIL "K" GUSSET CONNECTION SCALE: NTS

TABLE B-1		
BEAM SIZE	COL. TO BEAM QTY SMS/ SIDE OF COL.	BEAM TO BEAM QTY SMS/ EA. FACE/SIDE
2 x 4	(8) #10	(13) #10
2 x 5	(8) #10	(13) #10
2 x 6	(11) #10	(13) #10
2 x 7	(15) #10	(15) #10
2 x 8	(13) #12	(15) #12
2 x 9	(21) #12	(21) #12
2 x 10	(23) #12	(22) #12

.050" GUTTER STIFFNER FASTEN TO FASCIA w/(2) #12x2" WOOD SCREW FASTEN TO GUTTER w/(2) #10 SMS

GUTTER BRACE

WHEN BEAM & PURLIN HIT ON CORNER - FASTEN OUTSIDE OF BEAM & PURLIN w/ 1/8"x2"x2" ANGLE & (4) #10 SMS EACH LEG

FASTEN INSIDE CORNER (BEAM TO PURLIN) w/ 1/8"x2"x2" ANGLE w/(2) #10 SMS INTO EA. MEMBER (BEAM & PURLIN)

DETAIL "M" BEAM & PURLIN TO GUTTER CONNECTION SCALE: NTS

2"x2"x1/8" ANGLE w/(2) #10 SMS EA. LEG

(2) #10 SMS

(2) #14 WOOD SCREWS INTO FASCIA

GIRT

SMB

1/8"x2"x4" STRAP (2) #10 SMS INTO BEAM (2) #10 SMS INTO GUTTER

SIDE VIEW

STRUCTURAL GUTTER

2"x2"x1/8" ANGLE w/(2) #10 SMS EA. LEG

GIRT

FASCIA

GUTTER BRACE

(2) GUTTER BRACES EACH w/(2) #10 SMS INTO GUTTER & (2) #14 WOOD SCREWS INTO FASCIA

(2) #12 SMS

GIRT

TOP VIEW

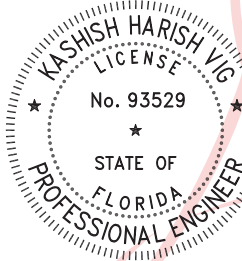
DETAIL "L" CORNER CONNECTION SCALE: NTS

1/8"x2"x4" STRAP (2) #10 SMS INTO BEAM (2) #10 SMS INTO GUTTER

STRUCTURAL GUTTER



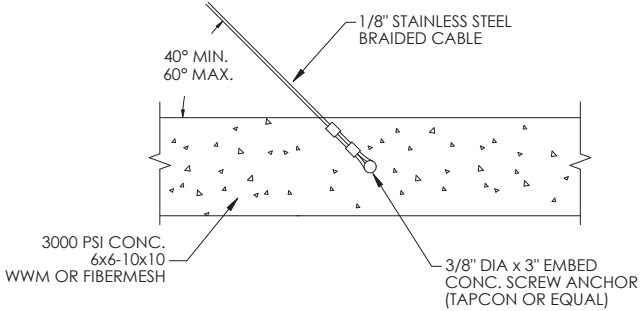
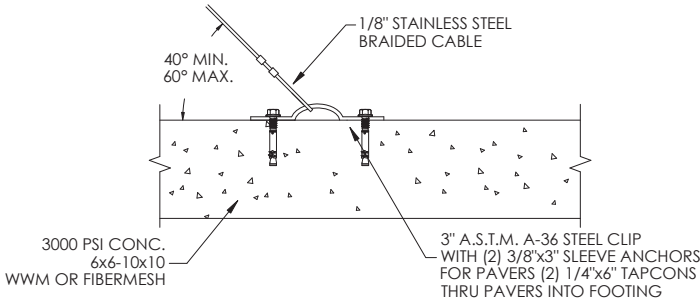
This item has been electronically signed and sealed by Kashish H. Vig, P.E. on date below using a Digital Signature. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.



Digitally signed by Kashish Harish Vig  
Date: 2022.09.16 10:32:34 -04'00'

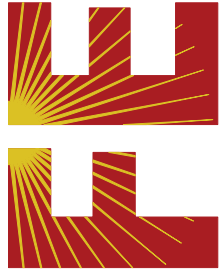
(9) #12x3/4" SMS  
1/8" PLATE ON 45° ANGLE OR 1/8"x2"x2" ANGLE w/(4) #12 SMS INTO EACH INTERSECTING MEMBER

DETAIL "I-2" CABLE CONNECTION AT CORNER SCALE: NTS



DETAIL "I-1" CABLE CONNECTION AT FOUNDATION SCALE: NTS

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CA CERT. #30782

PROJECT NO. 2225554

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DESIGN DATE: 09/13/2022

REVISION 1: DATE

REVISION 2: DATE

DRAWN BY: MBG

SCALE: NTS

SHEET:

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