## GENERAL NOTES SECTIONS

#### A. CONCRETE & FOUNDATION DESIGN:

- 1. ALL CONCRETE AND FOUNDATIONS ATTACHED TO THE HOST STRUCTURE SHALL HAVE A PRE
- 2. ALL CONCRETE GRADE BEAMS AND FOOTINGS SHALL BE 3000 PSI MINIMUM.
- 3. ALL CONCRETE FILLED SUPPORTED SLABS SHALL BE 2500 PSI MINIMUM, 3 1/2" NOMINAL THICKNESS.
- 4. FIBERMESH (3/4" PER CUBIC YARD MIN.) MEETING APPROPRIATE ACI AND ASTM REQUIREMENTS MAY BE USED IN LIEU OF WELDED WIRE MESH
- 5. ALL SLABS ON GRADE SHALL BE A MINIMUM OF 4" THICK WITH FIBERMESH.
- 6. ALL REINFORCING SHALL CONFORM TO ASTM A615, BE GRADE 60 (60 KSI MIN.) DEFORMED BARS, #3 BARS MAY BE GRADE 40
- 7. ALL OVER POUR CONCRETE FILLED SUPPORTED SLABS SHALL BE 3000 PSI MIN., 2" MINIMUM. THICKNESS.
- 8. SOIL BEARING PRESSURE SHALL BE A MINIMUM OF
- 9. THE CONCRETE SHALL CONFORM TO ASTM C94 FOR THE FOLLOWING:
- 9.1. OPC (PORTLAND CEMENT TYPE 1,- ASTM C 150).
- 9.2. AGGREGATES #6 STONE, ASTM C 33 SIZE NO. 67 LESS THAN 3/4".
- 9.3. AIR ENTRAINING +/- 1% ASTM C 260.
- 9.4. WATER REDUCING AGENT ASTM C 494.
- 9.5. CLEAN POTABLE WATER.
- 9.6. OTHER ADMIXTURES SHALL NOT BE PERMITTED.
- 10. METAL WELDED WIRE SHALL CONFORM TO ASTM A
- 11. PREPARE & PLACE CONCRETE ACCORDING TO AMERICAN CONCRETE INSTITUTE MANUAL STANDARD PRACTICE, PART 1, 2, & 3 ALONG WITH HOT WEATHER CONDITIONS RECOMMENDATIONS.
- 12. IF UTILIZING EXISTING CONCRETE FOR FOUNDATION, CONCRETE SHALL BE A MINIMUM OF 4" IN THICKNESS, VISIBLY FREE OF ANY STRUCTURAL EXCESSIVE CRACKING, SPALLING OR OTHER DETERIORATION.

## . MASONRY:

- 1. CONCRETE MASONRY UNITS (CMU) SHALL BE STANDARD HOLLOW UNITS AND SHALL BE 2000 PSI MINIMUM BASED ON TYPE M OR S MORTAR.
- 2. ALL MORTAR SHALL BE OF TYPE M OR S.
- 3. ALL GROUT SHALL BE 2000 PSI MINIMUM AND HAVE MAXIMUM COARSE AGGREGATE SIZE OF 3/8".
- 4. PROVIDE CLEAN-OUTS FOR REINFORCED CELLS CONTAINING REINFORCEMENT WHEN GROUT POUR EXCEEDS 5'-0" IN HEIGHT.

## C. ALUMINUM:

- 1. ALL STRUCTURAL ALUMINUM SHALL CONFORM TO THE MINIMUM REQUIREMENTS OF 6005-T5 FOR ALLOY WITH A MINIMUM THICKNESS OF 0.040" FOR SUPPORTING MEMBERS.
- 2. WHERE KICK PLATES ARE USED A MINIMUM THICKNESS OF 0.024" SHALL APPLY.
- 3. STRUCTURAL ALUMINUM DESIGN CONFORMS TO "PART 1-A - SPECIFICATIONS FOR ALUMINUM STRUCTURES - ALLOWABLE STRESS DESIGN" OR "PART 1-B - SPECIFICATIONS FOR ALUMINUM STRUCTURES - BUILDING LOAD AND RESISTANCE FACTOR DESIGN" OF THE ALUMINUM DESIGN MANUAL PREPARED BY THE ALUMINUM ASSOCIATION, INC.WASHINGTON D.C. THE FLORIDA BUILDING CODE 8TH EDITION (CHAPTER 16 STRUCTURAL DESIGN & CHAPTER 20 ALUMINUM).
- 4. WHERE ALUMINUM COMES INTO CONTACT WITH STEEL, OR PRESSURE TREATED LUMBER PROVIDE DIELECTRIC SEPARATION.
- 5. ALUMINUM MEMBERS SHALL BE STITCHED WITH NO LESS THAN #10 SMS 6" FROM THE ENDS AND 12" ON CENTER, IF USING #12 SPACING MAY BE 24" ON
- 6. VINYL AND ACRYLIC PANELS SHALL BE REMOVABLE THEY SHALL BE IDENTIFIED WITH A DECAL ESSENTIALLY STATING "REMOVABLE PANEL SHALL BE REMOVED WHEN WIND SPEEDS EXCEED 75 MPH" DECAL SHALL BE PLACED SO IT IS VISIBLE WHEN PANEL IS INSTALLED. VINYL AND ACRYLIC PANELS MAY NOT BE USED IN FLOOD ZONE A.

7. 1"X2"X0.045" NON-STRUCTURAL MEMBERS SHALL BE ATTACHED TO HOST WITH 1/4"Ø X 1-3/4" EMBEDMENT & 24" O.C. MASONRY SCREW FOR CONCRETE & EQUIVALENT SIZE WOOD SCREW WHEN IN WOOD & #10X 1/2" EMBEDMENT SMS OR TEK SCREWS IN ALUMINUM MEMBERS TYPICAL.

## D. FASTENERS:

- ALL LAG BOLTS SHALL CONFORM TO STAINLESS STEEL TYPE 300 18-8, WITH STANDARD FLAT WASHER UNLESS MANUFACTURER GALVANIZES BOLTS SPECIFIES FOR USE WITH ACQ PRESSURE TREATED WOOD.
- HEX BOLTS HAS TO BE ASTM A 325, PLATED WITH STANDARD FLAT WASHERS AND NUTS.
- ALL CONCRETE SCREWS SHALL BE, SIMPSON, HILTI, RAWL, TAPCON, REDHEAD, DYNABOLT, PORTECT OR APPROVED EQUAL.
- ALL METAL TIES AND ASSOCIATED ACCESSORIES SHALL BE HOT DIPPED GALVANIZED.
- ALL LAG BOLTS SHALL HAVE A MINIMUM EMBEDMENT OF 8X BOLT DIAMETER INTO STRUCTURAL FRAMING (G=.42 MIN.).
- 6. LAG BOLTS AND SCREWS INTO WOOD FRAMING SHALL BE PROVIDED WITH PILOT HOLES HAVING A DIAMETER NOT GREATER THAN 70 PERCENT OF THE THREAD DIAMETER OF THE BOLT OR SCREW, ALL LAG BOLTS AND SCREWS SHALL BE INSERTED IN PILOT HOLES BY TURNING AND UNDER NO CIRCUMSTANCES BY DRIVING WITH A HAMMER.
- 7. ALL EXPANSION ANCHORS SHALL BE DESIGNED IN ACCORDANCE WITH THE SPECIFIC MANUFACTURER'S REQUIREMENTS AND ALLOWABLE LOADS AND SHALL ONLY BE APPLIED IN CONDITIONS ACCEPTABLE TO MANUFACTURER. FASTENERS SHALL BE A MINIMUM OF SAE GRADE #5 OR BETTER ZINC PLATED.
- 8. ALL FASTENERS CONNECTING ALUMINUM COMPONENTS OR PRESSURE TREATED LUMBER ARE STAINLESS STEEL TYPE 300 18-8. UNLESS MANUFACTURER GALVANIZED BOLTS SPECIFIES FOR USE WITH ACQ PRESSURE TREATED WOOD, OR OTHERWISE NOTED ON PLANS.
- 9. ALL FASTENERS SHALL COMPLY WITH ASTM A153.
- 10. ALL CONNECTORS SHALL COMPLY WITH ASTM A653 CLASS G-185
- 11. FOR SMS, THE MINIMUM CENTER-TO-CENTER SPACING SHALL BE 3/4" AND MINIMUM CENTER-TO-EDGE SHALL BE 1/2" UNLESS NOTED OTHER WISE.

### E. REFERENCE STANDARDS: (CURRENT EDITIONS OF)

#### ASTM E 119

**ASTM E 1300** 

ASCE 7

ALUMINUM DESIGN MANUAL-AA ASM35, AND SPEC. FOR ALUMINUM PART 1-A, & 1-B

ASTM C94

ASTM C150

ASTM C33

ASTM C260 ASTM C494

ASTM A615

ASTM A185

THE FLORIDA BUILDING CODE 8TH EDITION

(CHAPTERS 16, 20 & 23).

## F. ABBREVIATIONS:

THE FOLLOWING LIST OF ABBREVIATIONS IS NOT INTENDED TO REPRESENT ALL THOSE USED ON THESE DRAWINGS, BUT TO SUPPLEMENT THE MORE COMMON ABBREVIATIONS.

- 1. TYP -- TYPICAL
- 2. SIM -- SIMILAR
- UON -- UNLESS OTHERWISE NOTED
- 4. CONT -- CONTINUOUS
- 5. VIF -- VERIFY IN FIELD

#### G. RESPONSIBILITY:

- ALL SITE WORK SHALL BE PERFORMED BY A LICENSED CONTRACTOR IN ACCORDANCE WITH APPLICABLE BUILDING CODES, LOCAL ORDINANCES,
- 2. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND DETAILS, NOTIFYING ENGINEER OF ANY DISCREPANCIES BETWEEN DRAWINGS, FABRICATED ITEMS, OR ACTUAL FIELD CONDITIONS.
- THESE DRAWINGS REPRESENT THE ACCEPTABILITY OF THE 'SUNROOM' ROOM ADDITION ELEMENTS AS PROVIDED BY THE CONTRACTOR.

- 4. ALL DETAILS ON THESE DRAWINGS ARE ENGINEERED BASED ON INFORMATION PROVIDED BY THE CONTRACTOR AND MANUFACTURER.
- 5. ANY DETAILS NOT SHOWN ARE TO BE ENGINEERED BY A LICENSED P.E. IN ACCORDANCE WITH STANDARD ENGINEERING PRACTICES.
- 6. WHEN ATTACHING TO FASCIA, THE HOST STRUCTURE SHALL HAVE AT LEAST A 2"X4" FASCIA AND ROOF TRUSS SYSTEM. CONTRACTOR SHALL VERIFY THIS AND IF SMALLER, CONTRACTOR SHALL BRING STRUCTURE UP TO A 2"X4" FASCIA AND ENSURE LESS THAN A 2'-0" OVERHANG.
- 7. FBC PLANS & ENGINEERING SERVICES INC. DOES NOT WARRANT, EITHER EXPRESSLY OR IMPLIED, THE QUALITY OF THE CONSTRUCTION, AND IS NOT RESPONSIBLE FOR THE INTERPRETATION OF DESIGNS AND END USE BY THE CLIENT/CONTRACTOR.
- 8. CONTRACTOR TO VERIFY FEMA FLOOD ZONE OF THE PROPOSED STRUCTURE LOCATION TO ENSURE STRUCTURE IS NOT WITHIN SPECIAL FLOOD HAZARD

#### H. MISCELLANEOUS:

- 1. ALUMINUM ADDITIONS ARE NOT TO BE INSTALLED ON A MANUFACTURED HOME, TRAILER HOME, OR PRE-FAB HOME. IF THE EXISTING STRUCTURE IS ONE OF THESE, A SEPARATE 4TH WALL SUPPORT SYSTEM MUST BE ENGINEERED SO THAT NO ADDITIONAL LOADING IS PLACED ON THE MANUFACTURED HOME.
- 2. IF ENCLOSURE CONTAINS A SWIMMING POOL OR SPA, THE ENCLOSURE SHALL COMPLY WITH RESIDENTIAL SWIMMING BARRIER REQUIREMENTS OF THE FLORIDA BUILDING CODE 8TH EDITION RESIDENTIAL R 4501.17 IN ITS ENTIRETY.
- 3. DOOR LOCATIONS MAY BE DETERMINED IN THE FIELD BY CONTRACTOR.
- 4. IF PAVERS ARE UNDER ALUMINUM MEMBERS THEY SHALL HAVE EPOXY ADHESIVE TO CONCRETE OR IF USING GROUT. ENSURE BONDING AGENT IS USED FIRST AND ADHERED WITH MINIMUM 3000 PSI GROUT.
- 5. SCREENING MATERIAL SHALL BE 18X14X0.013 OR EQUIVALENT DENSITY SCREEN MESH ONLY UNLESS NOTED ON DRAWING S-2.
- 6. ALL STRUCTURAL POST SHALL BE ANCHORED TO AN EXISTING/PROPOSED CONCRETE FOUNDATION FOR UPLIFT PURPOSES.
- 7. TORNADO CODE NOT APPLICABLE TO RISK CATEGORY 1 AND RISK CATEGORY 2 STRUCTURES
- 7.1. ASCE/SEI STANDARD 7-22, FIGS. 32.5-1, 32.5-2, AND G.2-1 THROUGH -4



Plans

Reviewed

SCREEN ENCLOSURE

# **DESIGN DATA: (SITE SPECIFIC DESIGN INFORMATION)**

NOMINAL DESIGN WIND SPEED Vasd: 93 MPH 2. RISK CATEGORY: 3. WIND EXPOSURE: C 4. WIND LOADS:

SCREEN ROOF: 8 PSF SCREEN WALLS (WINDWARD): 28 PSF SCREEN WALLS (LEEWARD): 22 PSF

5. FACTOR APPLIED TO SCREEN WIND LOADS FOR 18X14X0.013

9. SOLID ROOF TYPE: N/A

0. EXISTING FOOTING (MIN. 12"X 12" LINEAL FOOTING) MEETS THE REQUIREMENTS TO RESIST THE UPLOADS FOR THE PROPOSED STRUCTURE.

# 120 MPH 1. ULTIMATE DESIGN WIND SPEED Vult, (3 SECOND GUST):

SOLID ROOF: N/A

OR EQUIVALENT DENSITY SCREEN MESH: 0.88 6. FACTOR APPLIED TO SCREEN WIND LOADS FOR ALLOWABLE STRESS DESIGN: 7. LIVE LOAD:

300 lb. VERTICAL DOWNLOAD ON PRIMARY SCREEN ENCLOSURE MEMBERS. 200 lb. VERTICAL DOWNLOAD ON SCREEN ENCLOSURE PURLINS. 10 PSF VERTICAL DOWNLOAD ON SOLID ROOF.

SCREEN ROOF TYPE: HIPPED GABLE

# **ALUMINUM STRUCTURAL MEMBERS**

#### **HOLLOW SECTIONS** --2" X 2" X 0.044" -2" X 3" X 0.050" S-2 --2" X 4" X 0.050" --2" X 5" X 0.050" 2 X 5: ---2" X 5" X 0.050" S-3

**OPEN BACK SECTIONS** -1" X 2" X 0.040" -1" X 3" X 0.045" 1 X 3:-

**SNAP SECTIONS** 2 X 2 SMS: 2 X 3 SMS: -2" X 3" X 0.072 2 X 4 SMS: -2" X 4" X 0.045 3 X 3 SMS: -3" X 3" X 0.090

**SELF MATING (SMB)** 

2 X 5 SMB -2" X 5" X 0.050" X 0.118" 2 X 6 SMB: --2" X 6" X 0.050" X 0.120 2 X 7 SMR---2" X 7" X 0 057" X 0 120' 2 X 8 SMB: --2" X 8" X 0.072" X 0.224 2 X 9 SMB---2" X 9" X 0 072" X 0 224" 2 X 10 SMB: --2" X 10" X 0.092" X 0.374"

2 X 4 SMB:

**TUBE SECTIONS** \_ --2" X 2" X 0.090'

-2" X 4" X 0.044" X 0.100"

# **INDEX**

**NOTES DRAWING DETAILS** 

**DETAILS** 

ENGINEERING ADDRESS: Ø **PLANS** FBC PLANS SERVICES, 1

1. FOSTER

No. 93654

STATE OF

LORIOF

ESSIONAL.

Digitally signed by Ian J Foster

'Date: 2024.07.08 14:32:56 -04'00

PROFESSIONAL ENGINEER SEAL

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THOMAS L. HANSON

FL 70667

JOEL FALARDEAU

IAN J. I

signature must be verified on any

PROJECT
KELLER
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FORT WHITE, FL 32038

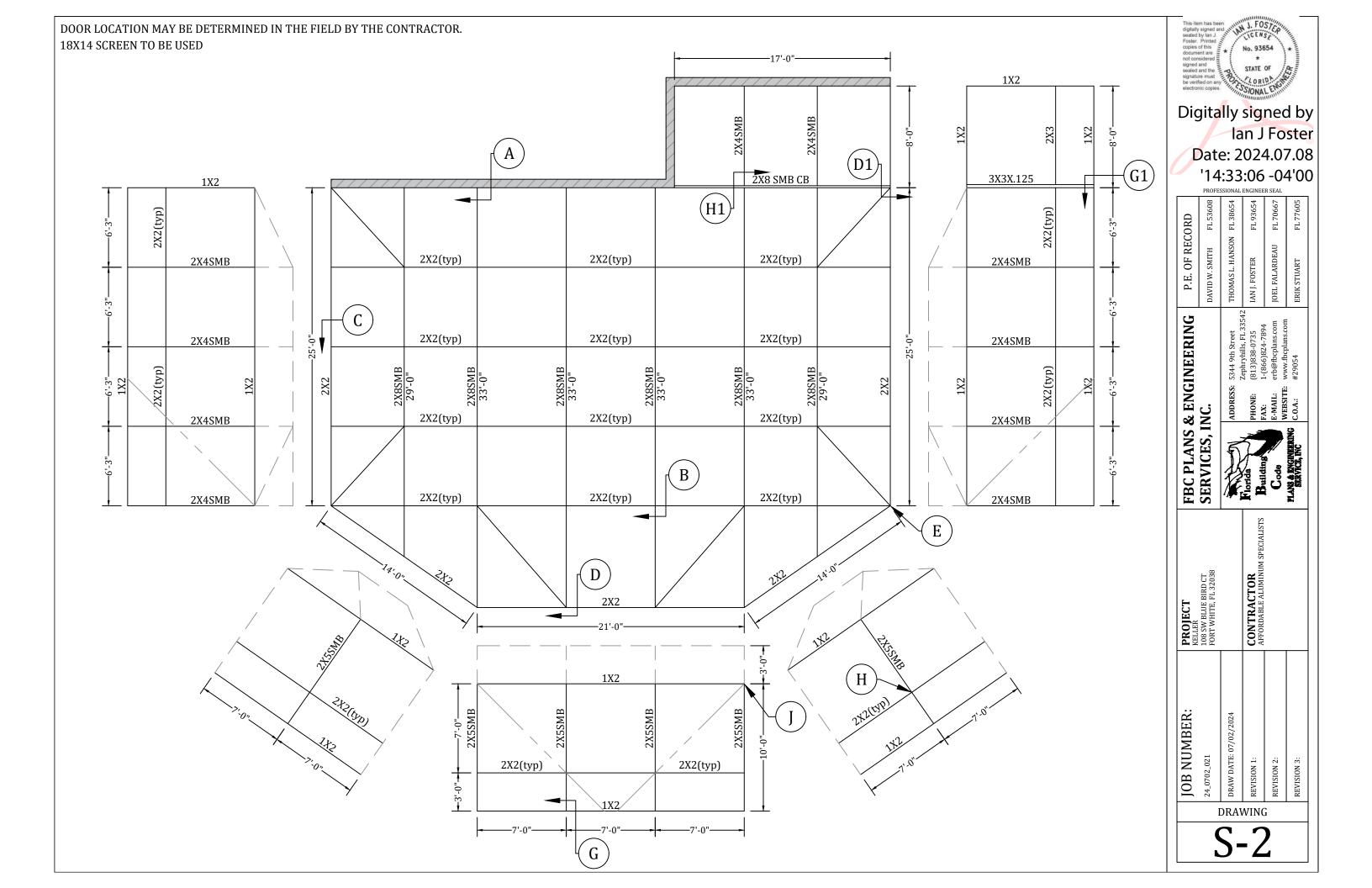
CONTRACTOR
AFFORDABLE ALUMIN

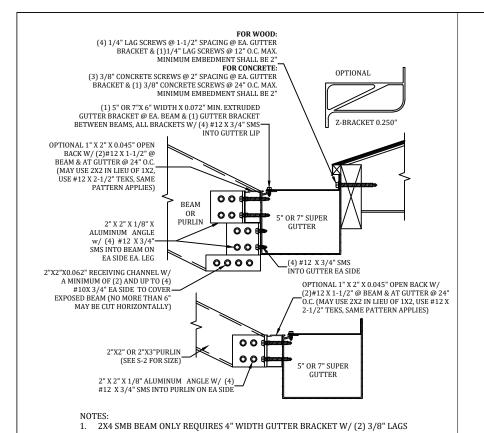
NUMBER

JOB

DRAW DATE: NOTES

REVISION 2:





**GUTTER BRACKET & BEAM ATTACHMENT DETAIL** 

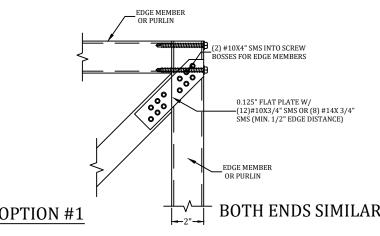
ALUMINUM GUSSET PLATE (SEE 2" X \_PURLINS (SEE S-2 FOR SIZE) -CHARTS FOR SMS SIZE, QTY, AND ATTACHED TO BEAM w/MIN (4)-#10 X 1 1/2" SMS OTY. (B) #SMS

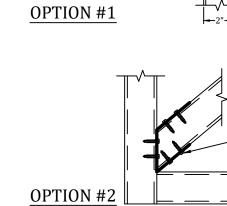
- 1. TOTAL NUMBER OF SCREWS PER JOINT EQUALS 4 TIMES "B".
- 2. PLATE WIDTH SHALL BE DETERMINED FROM ANGLE OF BEAM AND MINIMUM SPACE REQUIRED."S3" IS MINIMUM PLATE WIDTH
- 3. GUSSET PLATES CAN EXTERNAL OR INTERNAL 4. INTERNAL SCREWS FOR PURLIN CONNECTION MAY BE INCLUDED IN TOTAL NUMBER OF
- SCREWS. 5. ALL SPLICES WILL HAVE THE SAME PATTERN.
- 6. ALL SCREWS SHALL BE SPACED EQUALLY.
- 7. DETAIL SHOWS 2X6SMB WITH 1 ALUMINUM GUSSET PLATE AS AN EXAMPLE.

1	BEAM	GUSSET PLATE	SMS	"B"	"S3"
	2X4	1/8"	#12	9/18/36	16"
	2X5	1/8"	#12	9/18/36	16"
	2X6	1/8"	#12	9/18/36	16"
	2X7	1/8"	#12	10/20/40	18"
	2X8	3/16"	#12	14/28/56	18"
	2X8	3/16"	#14	12/24/48	18"
	2X9	3/16"	#14	14/28/56	20"
	2X10	3/16"	#14	15/30/60	20"

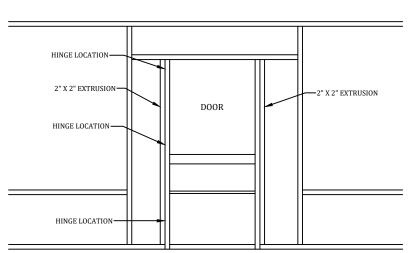


#### BEAM SPLICE GUSSET DETAIL SCALE: N.T.S





ROOF BRACING CONNECTION DETAIL SCALE: N.T.S.



UPRIGHT WEB LAPPED OVER PURLIN

0 - o

ALUMINUM

UPRIGHT

NOTE: 2"X3" SPECIAL MAY BE USED IN LIEU OF 2"X2" W/1"X2" COMBO

SLOPED OR FLAT PURLIN UPRIGHT LAP DETAIL

SCALE: N.T.S.

2" X 2" X 0.045" EAVE RAIL MEMBER (UNLESS OTHERWISE NOTED ON S-2) ATTACHED TO PURLIN-

1" X 2" X 0.045" OPEN BACK ATTACHED TO PURLIN W/ (2) #10 X 1-1/2" SMS— INTO SCREW BOSS

PURLIN ATTACHED TO EAVE RAIL W/2"X2"X0.125" INTERNAL RECEIVING

2"X3" EAVE RAIL-

CHANNEL OR EXTERNAL 0.125" ANGLE CLIP ATTACHED W/(3) #12X3/4" SMS EA. LEG

FASTEN RECEIVING CHANNEL

TO BOTTOM OF EAVE RAIL

W/(4) #12X3/4" SMS

1-1/2"X6"X0.125" FLAT BAR W/ 6

#12X3/4" SMS-(3) @ EAVE RAIL & (3) @ POST

1" X 2" X 0.045" OPEN BACK ATTACHED TO 2" X 2"

X 0.045" EAVE RAIL MEMBER #10 X 1-1/2" SMS @-12" O.C

W/ (2) #10 X 4" SMS THRU SCREW BOSS

W/ (4) #10 X 3/4" SMS EACH SIDE

AS NEEDED

OPTION #1

UPRIGHT

0.060" RECEIVING CHANNEL (1"X2" X POST SIZE)

W/(3) #12X3/4" SMS EA. SIDE

USE 2"X2"X0.125" ALUMINUM ANGLE BOTH SIDES OF POST ATTACHED W/(3) #12X3/4" SMS EACH LEG.

OPTION #2

ATTACHED TO POST

#### NOTES:

- HINGES SHALL BE ATTACHED TO STRUCTURE W/ (4) #10 X 5/8" SMS MINIMUM. DOOR SHALL BE ATTACHED TO ENCLOSURE W/(2) HINGES MINIMUM.
- HINGES SHALL BE ATTACHED TO DOOR WITH (4)#10 X 5/8" SMS. FASTEN A 1" X 2" X 0.044" TO UPRIGHT W/#12 X 1" SMS @ 12" O.C. AND WITHIN 3" FROM END OF THE UPRIGHT



TYPICAL SCREEN DOOR CONNECTION DETAIL SCALE: N.T.S.



lan J Foster Date: 2024.07.08

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	PROFE	SSIONAL	ENGINEE	R SEAL	
ORD	FL 53608	FL 38654	FL 93654	FL 70667	FL 77605
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ENG

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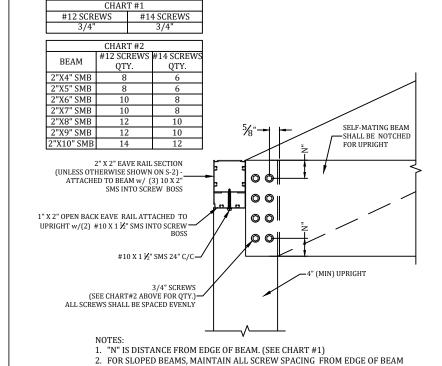
**PLANS** 

FBC PLAN SERVICES

PROJECT
KELLER
108 SW BLUE BIRD CT
FORT WHITE, FL 32038 CONTRACTOR

NUMBER DRAW DATE: REVISION 2: JOB

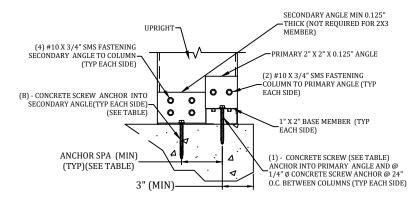
**DETAILS** 



UPRIGHT TO BEAMCONNECTION - ALL WIND ZONES

SCALE: N.T.S.

**BOTH ENDS SIMILAR** 2" X 2" X PURLIN DEPTH RECEIVING CHANNEL W/ (4) #10X3/4" EA. LEG ATTACHING PURLIN TO BEAM OR EAVE MEMBER (.060 REC. CHANNEL MIN.)



#### NOTES:

DECK IS PRESENT.

2" X 3" OR LARGER UPRIGHT TO CONCRETE W/WO PAVER

**DETAILS** SCALE: N.T.S

COLUMN	1/4" AND 3/8" Ø CONCRETE SCREW ANCHOR			
SIZE	"B"	MINIMUM SPACING		
2X3-1/4"	0	0"		
2X4-1/4"	1	3"	3.	
2X5-1/4"	1	3"		
2X6-3/8"	1	4"	4.	
2X7-3/8"	1	5"	5.	
2VQ_2 /Q"	2	2"	1	

2

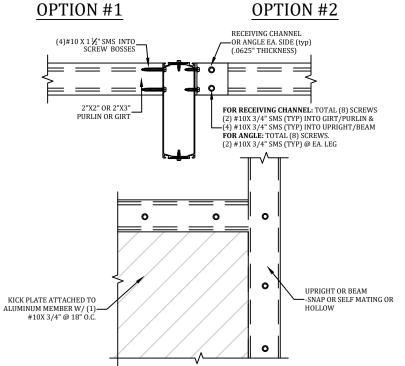
4"

4.5"

2X9-3/8"

2X10-3/8'

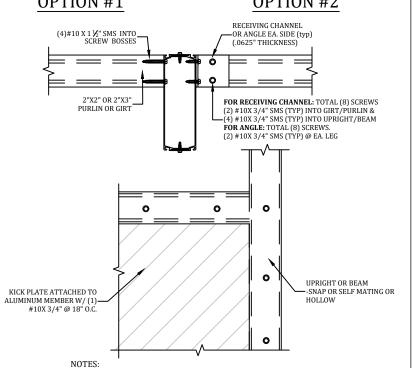
- 1. NUMBER OF ANCHORS "B" IS EACH SIDE INTO THE SECONDARY ANGLE AND DOES NOT INCLUDE THE ANCHOR INTO THE 1X2. MINIMUM EMBEDMENT OF ANCHORS INTO CONCRETE FOOTING SHALL BE 2-3/4" AT ALL UPRIGHT LOCATIONS. ALL SCREW LENGTHS AT UPRIGHT CONNECTIONS SHALL BE OF SUFFICIENT LENGTH FOR REQUIRED EMBEDMENT INTO CONCRETE FOOTING WHEN A PAVER
- CONCRETE SCREW ANCHOR DESIGNS ARE BASED ON THOSE LISTED ON S-1, D. FASTENERS, OTHER BRAND & TYPE SHALL BE APPROVED
- 2X3W/1X2 CORNER POST SHALL REQUIRE SAME BASE
- CONNECTIONS AS 2X4 SHOWN IN TABLE. IF FOR AN IN-FILL, TOP OF COLUMN CONNECTION SIMILAR IF
- CONCRETE LINTEL . IF WOOD LINTEL/DECK, DOUBLE LEDGE REQUIRED (MIN. 3 % ") MAY SUBSTITUTE LAG SCREW FOR LDT FOR BOTH PRIMARY &
- SECONDARY ANGLES. 7. 2X2X.045 DOOR JAMB MEMBER SHALL CONNECT SIMILAR TO 2X3



1. KICK PLATE TO BE APPLIED TO UPRIGHT CHAIRRAIL OR GIRT IF APPLICABLE



PURLIN OR GIRT TO BEAM OR POST DETAIL



BEAM & PURLIN TO CARRIER BEAM CONNECTION DETAIL

OPTION #1

PURLIN (SEE SHEET

S-2 FOR SIZE)

2" X 2" X 0.125" ANGLE EACH

OPTION #2

SIDE OF BEAM W/(4) #12 X

CARRIER BEAM FLAT OR

SLOPPED (SEE SHEET S-2 – FOR SIZE)

(4)#10 X 1 ½" SMS INTO\_

2"X2" OR 2"X3"\_\_

PURLIN OR GIRT

PHRLIN:

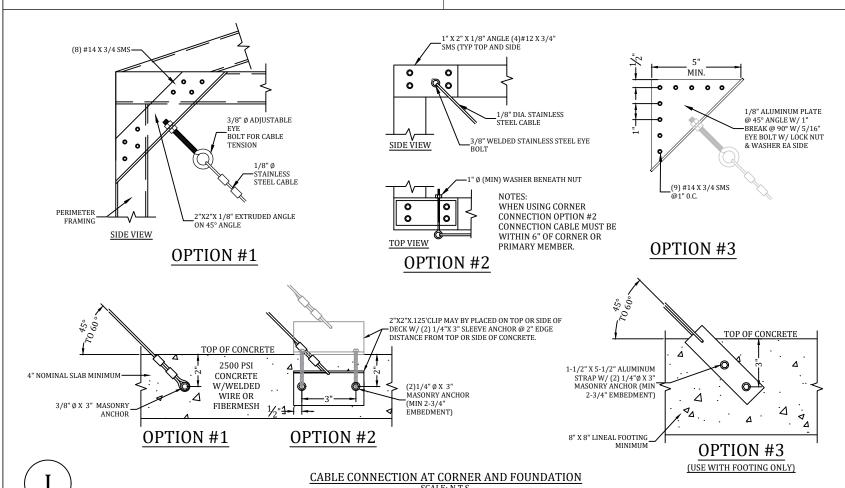
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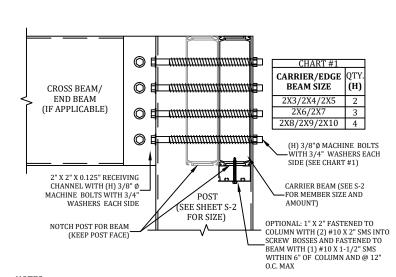
ROOF BEAM

(SEE SHEET <

S-2 FOR SIZE)

2"X2"X0.125" ANGLE W/ # 14 X 3/4" SMS (QTY. IS (1) LESS THAN BEAM DEPTH) EA LEG





1. EDGE BEAM MAY BE NOTCHED IN CENTER OR FRONT OF UPRIGHT WHEN APPLICABLE



CARRIER BEAM TO POST CONNECTION DETAIL

WAY J. FOSTES digitally aigned and scaled by lan J. 3 copies of this No. 93654 STATE OF S/ONAL EN

Digitally signed by lan J Foster

Date: 2024.07.08 '14:33:20 -04'00

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3C PLANS	& ENG	3C PLANS & ENGINEERING	P.E. OF RECORD	ORD	
ERVICES, INC.	NC.		DAVID W. SMITH	FL 53608	PROFE
5	ADDRESS:	ADDRESS: 5344 9th Street	THOMAS L. HANSON FL 38654	FL 38654	SSIONAL
lorida	PHONE:	(813)838-0735	IAN J. FOSTER	FL 93654	ENGINEE
Code	E-MAIL:	erb@fbcplans.com	JOEL FALARDEAU	FL 70667	R SEAL
ANS & ENGINEERING	C.O.A.:	#29054	EDIK CTIIADT	EI 7760E	

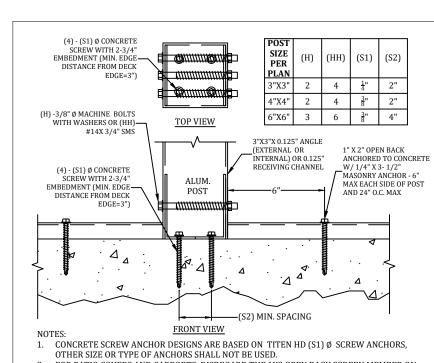
FB SE ₹ PROJECT
KELLER
108 SW BLUE BIRD CT
FORT WHITE, FL 32038 CONTRACTOR

AFFORDABLE ALLIMIN NUMBER

DRAW DATE: **DETAILS** 

JOB

REVISION 2: REVISION 3:



- 2. FOR PATIO COVERS AND CARPORTS: DISREGARD THE 1X2 OPEN BACK SCREEN MEMBER ON THE FOUNDATION TYP.
- 3. MINIMUM EMBEDMENT OF ANCHORS INTO CONCRETE FOOTING SHALL BE 2-3/4" AT ALL POST LOCATIONS. ALL SCREW LENGTHS AT POST CONNECTIONS SHALL BE OF SUFFICIENT LENGTH FOR REQUIRED EMBEDMENT INTO CONCRETE FOOTING WHEN A PAVER DECK IS PRESENT.
- MINIMUM EMBEDMENT OF ANCHORS INTO CONCRETE FOOTING SHALL BE 2-3/4" AT AT ALL UPRIGHT LOCATIONS. ALL SCREW LENGTHS AT UPRIGHT CONNECTIONS SHALL BE OF SUFFICIENT LENGTH FOR REQUIRED EMBEDMENT INTO CONCRETE FOOTING WHEN A PAVER
- 5. DETAIL MAY BE FLIPPED AS NEEDED
  5.1. USE 1/4" X 3" LAG SCREWS IN LIEU OF CONCRETE SCREWS FOR WOOD HEADERS

G1

ALUM. POST CONNECTION DETAIL SCALE: N.T.S.

No. 93654 not considered and the search and th

Digitally signed by lan J Foster Date: 2024.07.08 '14:33:30 -04'00

PROFESSIONAL ENGINEER SEAL

	P.E. OF RECO	DAVID W. SMITH	THOMAS L. HANSON	IAN J. FOSTER	JOEL FALARDEAU	ERIK STUART
	FBC PLANS & ENGINEERING	IC.	ADDRESS: 5344 9th Street	Lepniymus, FL 55542 PHONE: (813)838-0735 FAX: 1-(866)824-7894		C.O.A.: #29054
	FBC PLANS &	SERVICES, INC.	5		Code	PLANS & ENGINEERING C.O.A.:
	PROJECT KELLER	108 SW BLUE BIRD CT FORT WHITE, FL 32038		CONTRACTOR AFFORDABLE ALUMINUM SPECIALISTS		
	JOB NUMBER:	24_0702_021	DRAW DATE: 07/02/2024	REVISION 1:	REVISION 2:	REVISION 3:
			DET	AILS		