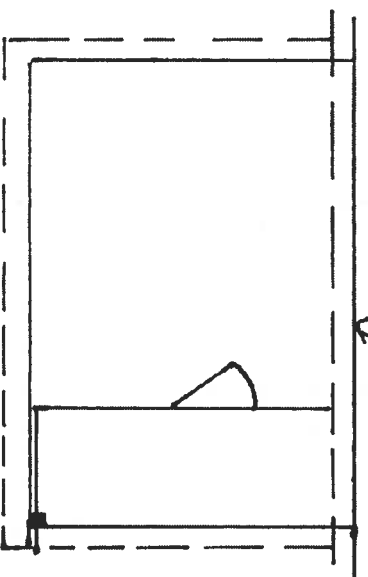


EXISTING HOME

8' o.c.

1	2	2
1	4	2
1	2	2



EXISTING DECK

ATTACH ROOF TO FASCIA BOARD

2	2	2	2	4
2	4	2	4	3x3
1	1	1	1	7

20'

2	1	2
2	4	2
2	1	1

14'

1 1/8" = 10"

EXISTING WOOD DECK

REPLACE STORM DAMAGED

SCREENED WALLS AND

ALUMINUM PATIO ROOF

PHOTO PANELS 12" X 3"

1 = 1 X 2 X .044

2 = 2 X 2 X .044

4 = 2 X 4 X .050

3 X 3 = 3 X 3 X .060 FURRED

KIM AMERSON

609 SE DIAMOND BACK GLEN

HIGH SPRINGS, FL. 32643

SAUER AND SONS CONSTRUCTION

4340 SE 95TH ST.

OCEATA, FL. 34480

CBC1255202

In the event of a conflict in member sizes shown on the plans and the general notes, the contractor must utilize the more stringent member size requirements.
Engineer: Michael Thompson, P.E. 47509/CA30930

Michael Thompson

ALUMINUM SCREEN DESIGN

ROLL FORM FASCIA IS ATTACHED TO 3" C CHANNEL IS ATTACHED TO FASCIA WITH #10 2" 6" FROM ENDS 24" O.C.
PAN ROOF WITH #10 1" 6" FROM ENDS 24" O.C. & TO 3" PAN ROOF WITH (3) #10 1" PER PANNEL INTO RAFTER TAILS
ENDS 24" O.C.

ROLL FORM GUTTER IS ATTACHED TO
3" PAN ROOF WITH #10 1" 6" FROM ENDS 24" O.C.

ROOF IS ATTACHED TO FRONT WALL
WITH (4) #10 1" PER PAN

2X2 FRONT WALL TOP PLATE

2X2 POST .046 OR GREATER

HINGE LOCATIONS

SCREEN DOOR FULL Z OR
DOOR JAM STANDARD DETAIL

2 HINGE DOOR

30" to 36"

EACH DOOR IS SCREWED INTO UPRIGHTS WITH #10 1" 6" FROM ENDS 24" O.C.

2X4 FRONT WALL

(OPTIONAL) KICK PLATE IS ATTACHED TO
STRUCTURE WITH #10 1" 6" FROM ENDS 18" O.C.

UPRIGHTS ARE ATTACHED WITH:
BLIND SCREWED WITH (3) #10 3",
CAPRI CLIPPED WITH (4) #10 1" PER CLIP
BLIND CLIPPED WITH (4) #10 1" PER CLIP

1X2 IS ATTACHED TO FRONT WALL
WITH #10 2" 6" FROM ENDS 24" O.C.

CHAIR RAIL IS ATTACHED TO UPRIGHTS
WITH EITHER:
BLIND SCREWED WITH (3) #10 3" OR,
CAPRI CLIPPED WITH (4) #10 1" PER CLIP OR
BLIND CLIPPED WITH (4) #10 1" PER CLIP

UPRIGHTS ARE ATTACHED WITH:
BLIND SCREWED WITH (3) #10 2" OR,
CAPRI CLIPPED WITH (4) #10 1" PER CLIP &
BLIND CLIPPED WITH (4) #10 1" PER CLIP

3" PAN ROOF IS ATTACHED TO
ALUMINUM STRUCTURE WITH #10 1"
6" FROM ENDS 24" O.C.

2X2 SIDE WALL TOP PLATE

1X2 IS ATTACHED TO BLOCK STRUCTURE
WITH 2-1/4" X 1/4" TAPCONS 6" FROM
ENDS 24" O.C.

2X4 SIDE WALL UPRIGHTS

2" X 2" X 1/8" ANGLE IS ATTACHED TO
UPRIGHT W/ (2) #10 1" & INTO CONCRETE
W/ 2-1/4" X 1/4" TAPCON

2X2 CHAIR RAIL

1X2 IS ATTACHED TO CONCRETE WITH:
2-1/4" X 1/4" TAPCONS OR 5" X 1/4" IF THRU PAVERS
OR #10 2" IF TO WOOD DECK 6" FROM ENDS 24" O.C.

ALUMINUMSCREENDESIGN.COM

ALUMINUMSCREENDESIGN

@YAHOO.COM

PHONE: 407-734-1470

FAX: 407-734-1790

DESIGN STATEMENT

METAL IS .046 THICKNESS OR GREATER. ALLOY IS 6005-T5

ALL TAPCONS SHALL PROVIDE MINIMUM OF 1 1/8" CONCRETE EMBEDMENT DEPTH

THIS STRUCTURE HAS BEEN DESIGNED IN ACCORDANCE TO MEET THE REQUIREMENTS OF THE 2017 (6TH EDITION)
FLORIDA BUILDING CODE FOR OPEN AND SEMI-OPEN STRUCTURES AND SHALL WITH STAND ULTIMATE WIND SPEEDS OF 130 MPH
(FOR 3 SECOND GUSTS) NOMINAL SPEED 101.4 MPH UP TO A 15FT ROOF HEIGHT. FACTOR OF 1.0, AND EXPOSURE C, RISK CATEGORY 1.
CONTRACTOR SHALL FIELD VERIFY ALL PLANS DIMENSIONS PRIOR TO MATERIAL PURCHASE. FABRICATION AND CONSTRUCTION
CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY SHOULD SITE CONDITIONS DIFFER FROM CONSTRUCTION PLANS

MICHAEL THOMPSON

4401 VINELAND ROAD

SUITE A6

ORLANDO, FL 32811

P.E. # 47509

CA#30930

ALUMINUM SCREEN DESIGN

3" C CHANNEL IS ATTACHED TO FASCIA WITH #10 2" INTO RAFTER TAILS
6" FROM ENDS 24" O.C. & TO 3" PAN ROOF WITH (3) #10 1" PER PANNEL

ROLL FORM GUTTER IS ATTACHED TO
3" PAN ROOF WITH #10 1" 6" FROM ENDS 24" O.C.

ROOF IS ATTACHED TO SUPPORT
BEAM WITH (4) #10 1" PER PAN

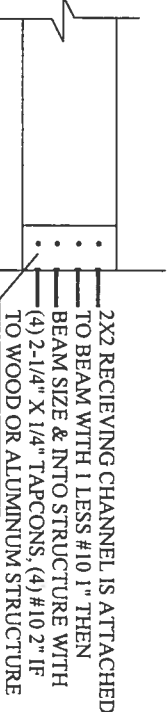
ROLL FORM FASCIA IS
ATTACHED TO PAN ROOF
WITH #10 1" 6" FROM
ENDS 24" O.C.

3X3 POSTS ARE ATTACHED
TO 2X4 BEAM (2) 3/8" X 3 1/2"
CARRIAGE BOLTS TYP.

BRACKET FROM 3X3 IS ATTACHED
TO CONCRETE WITH (2) 1/4" X 2"
TAPCONS TYP. (2) 1/4" X 5"
TAPCONS IF THRU PAVERS)
(2) #10 2" IF TO WOOD DECK)

3X3 POST IS ATTACHED TO
BRACKET WITH (2) 3/8" X 3
1/2" CARRIAGE BOLTS

(OPTIONAL) BEAM TO WALL CONNECTION



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