

Valley

$R \cdot R \quad \omega^u \text{ butter}$

(34') 3" Head to 6" Fascia w/ Flashing

3rd Rec w/ Trans-Flash

Roof Span 12'
1/2" slope (6")
3-fan beams
6" gutter system

16^u K:P

2 - doors

3x2 Top Plate

 2×2
$$kx \geq$$
 $6x =$

外二

$$Ax =$$

bxz

6-2'

$$2 \times 2(a_{11})$$
 $x_2(\text{all})$

35'

110,2
1178

110,2
1178

1.1

$$\underline{2 \times 2}$$
 2×4

1

147

3x2 Top Plate

2x2

2x1

7/22

7/22

Job : Burnsed

General Notes

A. CONCRETE & FOUNDATION DESIGN:

1. ALL CONCRETE GRADE BEAMS AND FOOTINGS SHALL BE 3000 PSI MINIMUM.
2. ALL CONCRETE FILLING SUPPORTED SLABS SHALL BE 2500 PSI MINIMUM.
3. FIBERMESH (3/4" PER CUBIC YARD MIN) MEETING APPROPRIATE ACI AND ASTM REQUIREMENTS MAY BE USED IN LIEU OF WELDED WIRE MESH.
4. ALL SLABS ON GRADE SHALL BE 4" THICK WITH FIBERMESH.
5. ALL REINFORCING SHALL CONFORM TO ASTM A615, BE GRADE 40.
6. ALL REINFORCING SHALL BE 1/2" DIA. UNLESS OTHERWISE NOTED.
7. SOIL BEARING PRESSURE SHALL BE A MINIMUM OF 1500 PSF.
8. THE CONCRETE SHALL CONFORM TO ASTM C94 FOR THE FOLLOWING:
O/C (PORTLAND CEMENT TYPE 1, ASTM C 150),
AGGREGATES - #6 STONE, ASTM C 33 SIZE NO. 67 LESS THAN 3/4",
EXTRA FINE, 1/2" - 1/4", ASTM C 200,
WATER REDUCING AGENT - ASTM C 494,
CLEAN POTABLE WATER.
9. OTHER ADMIXTURES SHALL NOT BE PERMITTED.
10. PREPARE & PLACE CONCRETE ACCORDING TO AMERICAN CONCRETE INSTITUTE MANUAL STANDARD PRACTICE, PART 1, 2 & 3 ALONG WITH HOT WEATHER CONDITIONS.
11. RECOMMENDATIONS:
CONCRETE SHALL BE 28 DAYS CURED FOR FOUNDATION.
CONCRETE SHALL BE A MINIMUM OF 4" IN THICKNESS, VISIBLY FREE OF ANY STRUCTURAL EXCESSIVE CRACKING, SPALLING OR OTHER DETERIORATION.

B. MASONRY:

1. CONCRETE MASONRY UNITS (CMU) SHALL BE STANDARD HOLLOW UNITS AND SHALL BE 1600 PSI MINIMUM BASED ON TYPE M OR S MORTAR.
2. ALL MORTAR SHALL BE OF TYPE M OR S.
3. ALL MORTAR SHALL BE 2800 PSI MINIMUM AND HAVE MAXIMUM 10% WATER.
4. PROVIDE CLEAN-OUTS FOR REINFORCED CELLS CONTAINING REINFORCEMENT WHEN GROUT POUR EXCEEDS 5' IN HEIGHT.

C. ALUMINUM:

1. ALL STRUCTURAL ALUMINUM SHALL CONFORM TO THE MINIMUM REQUIREMENTS OF 6061-T6 FOR ALLOY WITH A MINIMUM THICKNESS OF 0.040" FOR SUPPORTING MEMBERS, WHERE RICK PLATES ARE USED A MINIMUM THICKNESS OF 0.024" SHALL APPLY.
2. ALL 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 7TH EDITION (CHAPTER 16 STRUCTURAL DESIGN & CHAPTER 20 ALUMINUM).
3. ALL ALUMINUM COMES INTO CONTACT WITH STEEL, OR PRESSURE TREATED LUMBER PROVIDE DIELECTRIC SEPARATION.
4. 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 CENTER.
5. VINYL AND ACRYLIC PANELS SHALL BE REMOVABLE. THEY SHALL BE IDENTIFIED WITH A DECAL ESSENTIALLY STATING "THIS PANEL IS REMOVABLE WHEN WIND SPEEDS EXCEED 75 MPH". DECALS SHALL BE PLACED SO IT IS VISIBLE WHEN PANEL IS INSTALLED.
6. 1"x2"x0.065" NON-STRUCTURAL MEMBERS SHALL BE ATTACHED TO HOST WITH 1/4"x9 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:

1. ALL LAG BOLTS SHALL CONFORM TO STAINLESS STEEL TYPE 304, 316, WITH STANDARD FLAT WASHER UNLESS OTHERWISE NOTED.
2. MANUFACTURER'S SPECIFICATIONS FOR USE WITH ACQ PRESURE TREATED WOOD.

H. MISCELLANEOUS:

1. ALL MANUFACTURER'S ADDITIONS ARE NOT TO BE INSTALLED ON A STRUCTURE UNLESS THEY COMPLY WITH THE SPECIFICATIONS OF 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 IRC 7TH EDITION R 4501.17 IN ITS ENTIRETY.
3. IF ANY ADDITIONAL LOADS 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. THROUGH POST SHALL BE ANCHORED TO AN EXISTING PROPOSED CONCRETE FOUNDATION FOR UPLIFT PURPOSES.

DESIGN DATA:

1. ULTIMATE DESIGN WIND SPEED V_{ult} (3 SECOND GUST): 130 MPH
2. MINIMUM DESIGN WIND SPEED V_{min}: 101 MPH
3. WIND CATEGORY: I
4. WIND LOADS: B
5. SCREEN ROOF: N/A
6. SCREEN WALLS (WINDWARD): 21 PSF
7. SCREEN WALLS (LEEWARD): 20 PSF
8. SOLID ROOF (SCREEN WALL): 20 PSF
9. FACTOR APPLIED TO SCREEN WIND LOADS FOR 18X14X0.013 OR EQUIVALENT DENSITY SCREEN MESH: 0.88
10. FACTOR APPLIED TO SCREEN WIND LOADS FOR ALLOWABLE STRESS DESIGN: 0.66
11. LIVE LOAD: 300 LB. VERTICAL DOWNLOAD ON PRIMARY SCREEN ENCLOSURE MEMBERS.
12. 10 PSF VERTICAL DOWNLOAD ON SOLID ROOF.
13. PROPOSED FOUNDATION (SEE S-2 FOR SIZE AND LOCATION) SHALL BE ADEQUATE TO RESIST THE UPLIFTS FOR THE PROPOSED STRUCTURE.
14. SCREEN ROOF TYPE: N/A
15. SOLID ROOF TYPE: 3"x4"x0.024" ELITE EPS COMPOSITE PANEL ROOF 1lb FOAM DENSITY, FLORIDA PRODUCT APPROVAL FL 7561-RS.

ALUMINUM STRUCTURAL MEMBERS

HOLLOW SECTIONS

- | | |
|--------|------------------|
| 2 x 2: | 2" x 2" x 0.044" |
| 2 x 3: | 2" x 3" x 0.050" |
| 2 x 4: | 2" x 4" x 0.050" |
| 2 x 5: | 2" x 5" x 0.050" |
| 3 x 3: | 3" x 3" x 0.125" |

OPEN BACK SECTIONS

- | | |
|--------|------------------|
| 1 x 2: | 1" x 2" x 0.040" |
| 1 x 3: | 1" x 3" x 0.045" |

SNAP SECTIONS

- | | |
|------------|------------------|
| 2 x 2 SMS: | 2" x 2" x 0.045" |
| 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 4 SMB: | 2" x 4" x 0.044" x 0.100" |
| 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 SMB: | 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" |

TUBE SECTIONS

- | | |
|--------|------------------|
| 2 x 2: | 2" x 2" x 0.090" |
|--------|------------------|

INDEX:

- S-1 GENERAL NOTES
- S-2 DRAWING
- S-3 DETAILS
- S-4 DETAILS

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C.O.A. #29054

DATE: 08/29/2022

DRAWN BY: ST

REVISION: DATE:

RO 1

RO 2

RO 3

RO 4

Job# 22.0829.406

PROJECT ADDRESS:

MCCANN

1752 SE CR 340

MAYO, FL 32066

CONTRACTOR:

RICHARDSON ALUMINUM, LLC.

692 SW ARLINGTON BLVD

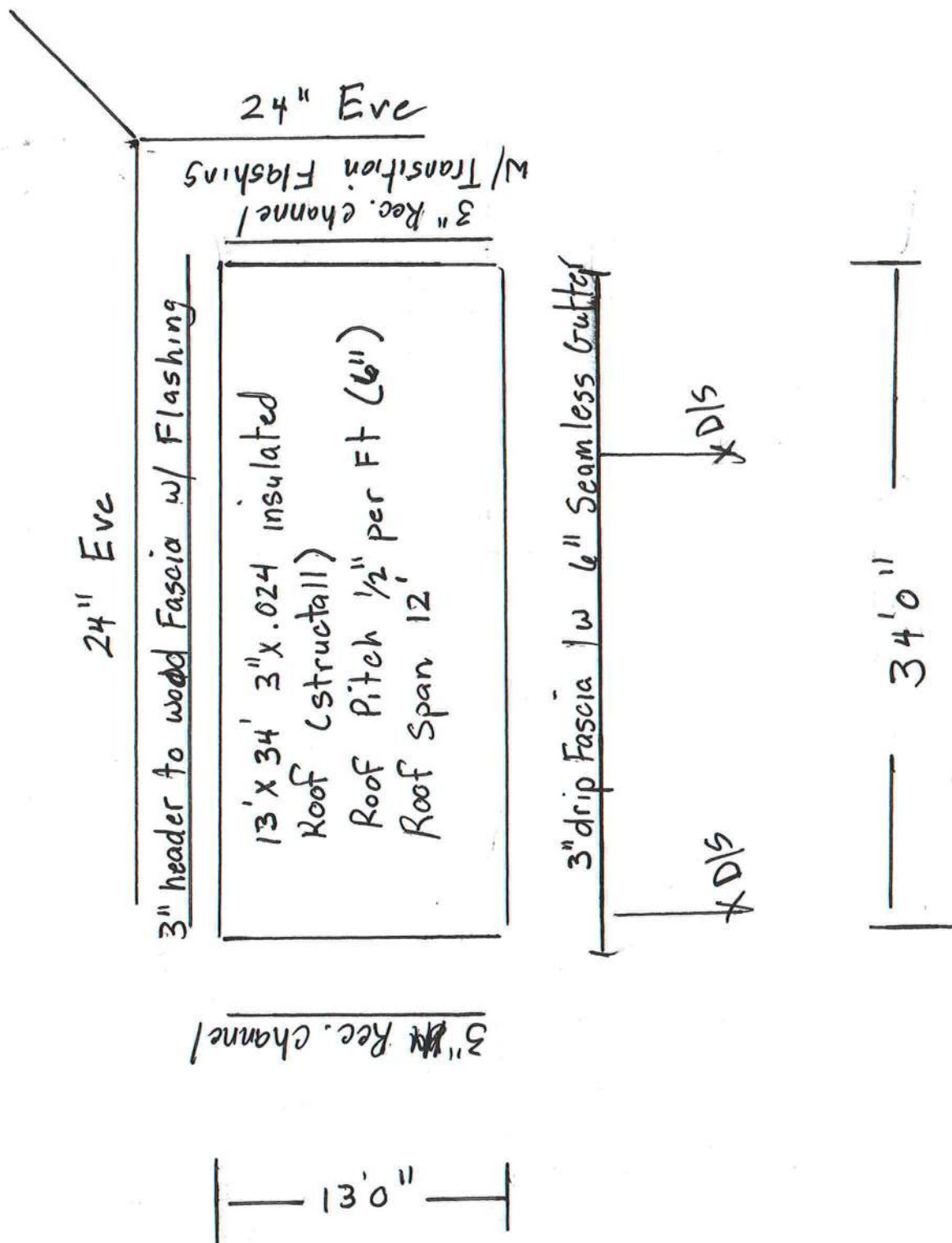
LAKE CITY, FL 32025

NOTES

S-1

S

Job: Burnsed



Header height 90"

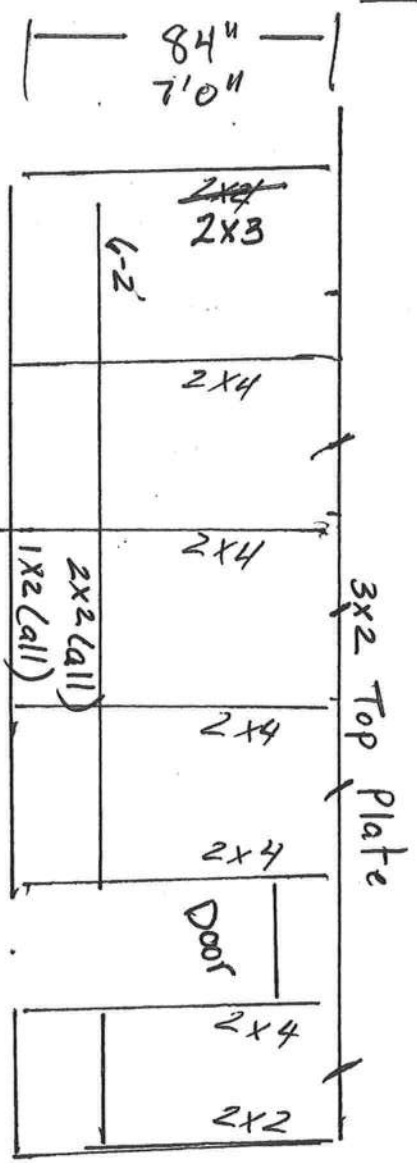
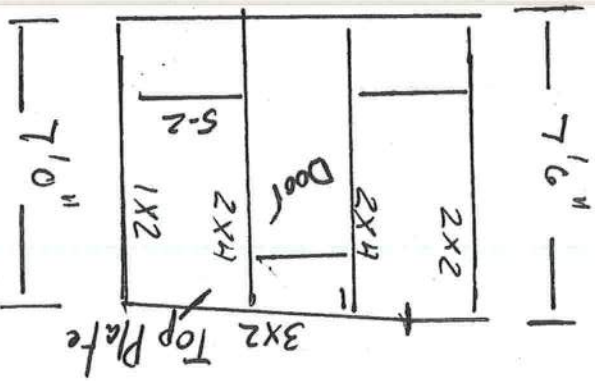
R/R 6" gutter

(34') 3" Head to 6" Fascia w/ Flashing

Valley

Roof Span 12'
1/2" slope (6")
3-fan beams
6" gutter system
16" KP
2-doors

3" Rec w/ Trags Flash



Job: Burnsed

Job - Burnsea

24" Eve

3" header to wood Fascia w/ Flashing

13' x 34' 3" x .024 insulated
Roof (structural)
Roof Pitch $\frac{1}{2}$ " per Ft (6")
Roof Span 12'

3" Rec. channel
w/ Transition Flashing

24" Eve

3" ~~Rec.~~ Rec. channel

13'0"

3" drip Fascia w 6" Seamless gutter

X D/S

X D/S

34'0"

