

SHEET SCHEDULE

SHEET
NUMBER
SHEET NAME
REVISION
REVISION DATE
S-001
ROOF FRAMING PLAN
0
4/7/24
S-002
SECTION VIEWS AND NOTES
0
4/7/24

Revision Schedule

Revision Number Revision Description Revision Date

0 ISSUED FOR PERMIT 4/7/24

4/8/202/arering Services, Inc.

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LAKE CITY REPORTER ROOF FRAMING MOD.

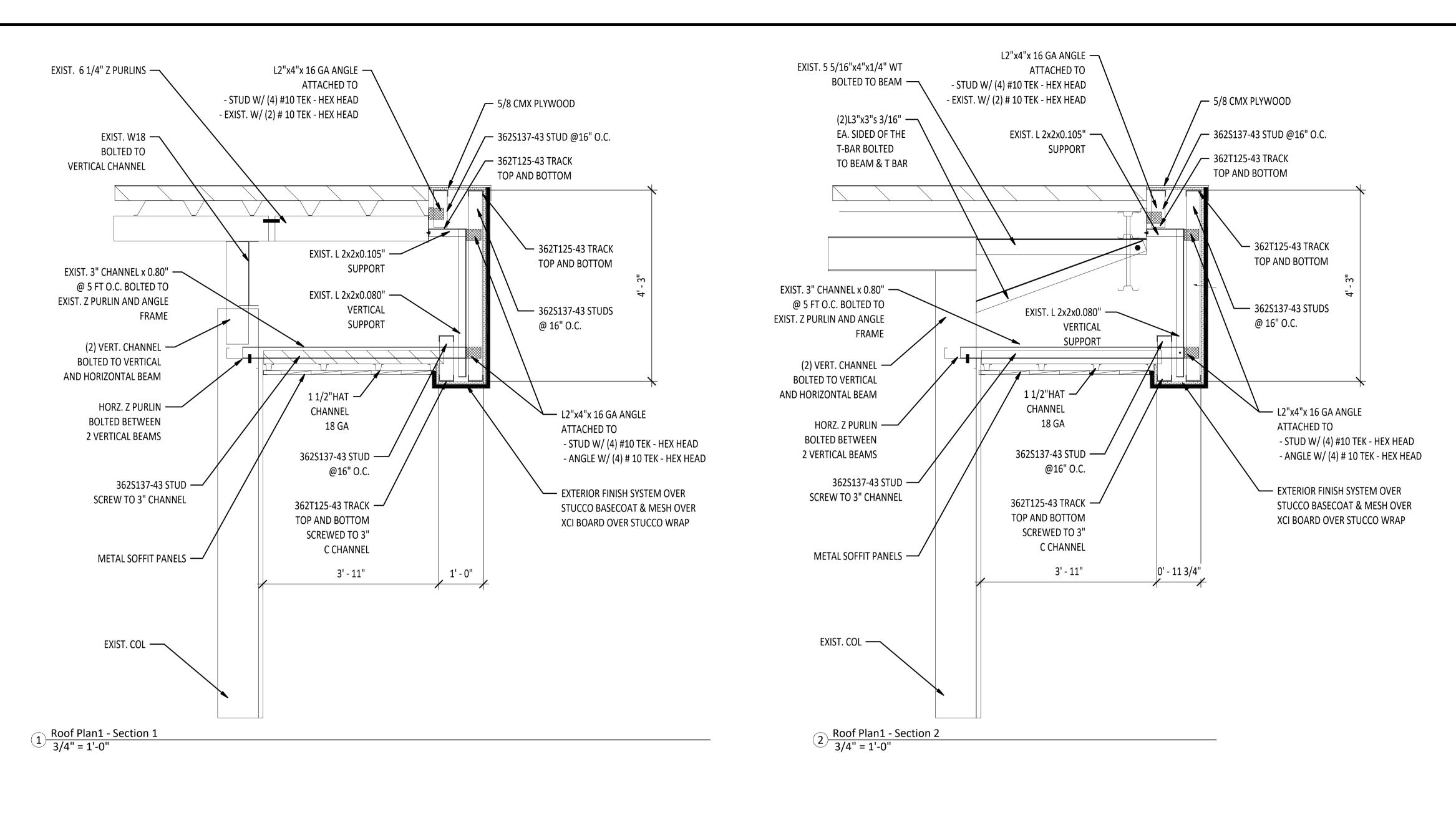
LAKE CITY, FL

O'NEAL ROOFING

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ROOF FRAMING PLAN

PROJECT #: S-001 REV #: 0



GENERAL NOTES:

- 1. ALL CONSTRUCTION AND DESIGN SHALL CONFORM TO THE 2023 FBC (8TH ED)
- `2. THE STRUCTURAL DRAWINGS SHALL BE UTILIZED IN CONJUNCTION WITH OTHER CONSULTANTS' DRAWINGS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE THE REQUIREMENTS OF THE AWNINGS INTO THEIR SHOP DRAWINGS AND CONSTRUCTION.
- 3. THE STRUCTURAL DRAWINGS ARE INTENDED FOR THE STRUCTURE TO ACT AS WHOLE ONCE CONSTRUCTION IS COMPLETE. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE SAFETY AND STABILITY (I,E, TEMPORARY BRACING IF REQUIRED) DURING CONSTRUCTION AS A RESULT OF CONSTRUCTIONS METHODS AND SEQUENCES.
- 4. THE CONTRACTOR SHALL FIELD VERITY ALL EXISTING STRUCTURES. THE ENGINEER SHALL BE NOTIFIED ON ANY DISCREPANCY BETWEEN THE EXISTING CONDITIONS AND CONSTRUCTION DOCUMENTS.
- 5. <u>DESIGN CRITERIA</u>
 - A. CODE: 2023 FBC (8TH ED)
 - B. LOADS AND DESIGN CRITERIA: THE FOLLOWING LOADS AND CRITERIA WERE USED IN ADDITION T THE DEAD LOAD OF THE STRUCTURE.

LIVE LOADS: ROOF	20 PSF
WIND CRITERIA:	
WIND SPEED:	130 MPH (3-SECOND GUST)
CATEGORY:	II
EXPOSURE	В
INTERNAL PRESSURES:	=/- 0.18
CLADDING AND COMPONENTS	
ZONE 1	21.3 / -34.15 PSF
ZONE 2	21.5 / -59.45 PSF
ZONE 3	21.5 / -69.75 PSF
ZONE 4	37.32 / -40.48 PSF
ZONE 5	37.32 / 49.96 PSF
	WIND CRITERIA: WIND SPEED: CATEGORY: EXPOSURE INTERNAL PRESSURES: CLADDING AND COMPONENTS ZONE 1 ZONE 2 ZONE 3 ZONE 4

LIGHT GAUGE METAL STUD FRAMING WALL CONSTRUCTION:

- 1. MATERIALS
 - A. ALL STUDS AND OR JOISTS AND ACCESSORIES SHALL BE MADE OF THE TYPE, SIZE, GAUGE, AND SPACING SHOWN ON THE DRAWING
 - B. ALL STUDS, JOISTS, TRACK, AND BRIDGING SHALL BE FORMED FROM STEEL THAT CORRESPONDS TO THE MINIMUM REQUIREMENTS OF ASTM A446 GRADE "A" WITH A MINIMUM YIELD STRENGTH OF 33,000 AND HAVE A G-40 GALVANIZED COATING MEETING THE REQUIREMENTS OF ASTM A525.
- 2. FABRICATION AND INSTALLATION
 - A. ALL FRAMING COMPONENTS SHALL BE CUT SQUARELY FOR ATTACHMENT TO PERPENDICULAR MEMBERS
 - OR AS REQUIRED FOR ANGULAR FIT AGAINST ABUTTING MEMBERS.
 - B. ALL FRAMING MEMBERS SHALL BE PLUMBED, ALIGNED, AND LEVELED.
 - C. ALL WALL OPENINGS ARE TO HAVE A MINIMUM OF TWO STUDS SECTIONS AT JAMBS AND BE CONTINUOUS
 - FROM LATERAL SUPPORT LOCATIONS. ALL WALL OPENINGS ARE TO HAVE DOUBLE JOISTS SECTION HEADERS, FRAMED INTO JAMB STUDS.
 - D. FASTENING OF COMPONENTS SHALL BE WITH TYPE S-12, SELF TAPPING CORROSION RESISTANT SCREWS EXCEPT FOR FLOOR TRACK IS TO BE FASTENED TO CONCRETE WITH HILTI KWIK CON 11+ (OR EQUAL). FASTENERS AND WALL STUDS ARE TO BE CONNECTED TO STRUCTURAL STEEL MEMBERS USING HILTI X ZF .145 SHANK (OR EQUAL) POWDER ACTUATED FASTENERS.
 - E. WALL STUDS ARE TO BE FASTENED SO THE ENDS ARE POSITION AGAINST THE INSIDE OF THE RUNNER TRACK WEB PRIOR TO FASTENING AND SHALL BE ATTACHED TO UPPER AND LOWER RUNNER TRACK FLANGES USING (2) S-10 SCREWS
 - F. SPLICES IN FRAMING COMPONENTS OTHER THAN TRACK SHALL NOT BE PERMITTED.
 - G. TEMPORARY BRACING, WHERE REQUIRED, SHALL BE PROVIDED UNTIL ERECTION IS COMPLETE.
 - H. LATERAL BRACING SHALL BE PROVIDED AT A MAXIMUM OF 4'-0" INTERVALS CONSISTING OF 16 GA. ROLLED ANGLES THROUGH THE WEB HOLES AND 1 1/2"X 1 1/2"x16 GA CLIP ANGLE
 - SCREWED TO STUDS USING (2) #10-16 SCREWS PER CONNECTION.

 I. BUTT WELD JOINTS IN TRACKS OR SPLICE WITH STUD INSERTS.
 - J. PROVIDE RELIEF OR SLIDE CLIP CONNECTIONS FOR STUDS EXTENDING FULL HEIGHT BETWEEN FLOOR AND ROOF TO ALLOW MINIMUM 3/4" STRUCTURAL FRAME VERTICAL MOVEMENT BETWEEN LEVELS.

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