

APPLICABLE CODES AND STANDARDS

- 2023 FLORIDA BUILDING CODE (8TH EDITION)
- 2021 INTERNATIONAL BUILDING CODE
- ASCE 7-16: MINIMUM DESIGN LOADS ON BUILDINGS AND OTHER STRUCTURES
- AISC STEEL CONSTRUCTION MANUAL (15TH EDITION)
- ACI 318-14: BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE
- TMS 402-16: BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES
- AWS D1.1: STRUCTURAL WELDING

INSTALLATION NOTES AND SPECIFICATIONS

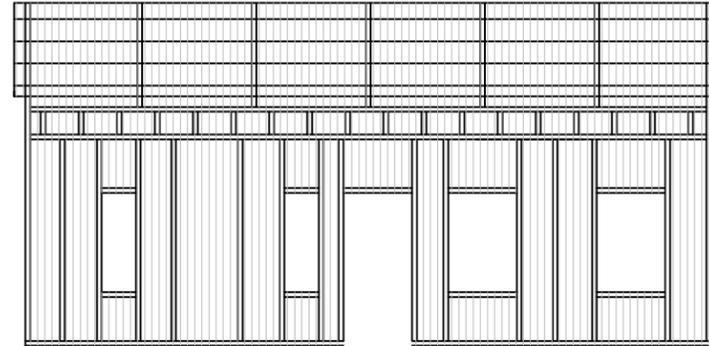
- MAXIMUM ROOF PITCH 4:12
- END WALL COLUMNS (POST) AND SIDE WALL COLUMNS ARE IDENTICAL, U.N.O.
- 29 GA METAL PANELS SHALL BE FASTENED DIRECTLY TO 2.5" x 2.5" x 14 GA TUBE STEEL (TS) FRAMING MEMBERS FOR VERTICAL PANELS. 29 GA METAL PANELS SHALL BE FASTENED DIRECTLY TO 18 GA HAT CHANNELS, U.N.O.
- FASTENER SPACING ALONG RAFTERS OR PURLINS, AND POSTS SHALL BE AS FOLLOWS: INTERIOR - 9" O.C., END - 6" O.C.
- FASTENERS SHALL BE #12-14 x 3/4" SELF-DRILLING SCREWS (SDS). USE CONTROL SEAL WASHER WITH EXTERIOR FASTENERS. APPLICABLE ONLY FOR MEAN ROOF HEIGHT OF 20'-0" OR LESS AND ROOF SLOPES OF 14" (3:12 PITCH) OR LESS. SPACING REQUIREMENTS FOR OTHER ROOF HEIGHTS/SLOPES MAY VARY.
- ANCHORS SHALL BE INSTALLED THROUGH THE BASE RAIL WITHIN 6" OF EACH RAFTER COLUMN ALONG SIDES AND ENDS.
- STANDARD GROUND ANCHORS (SOIL NAILS) CONSISTING OF 30" LONG #4 REBAR WITH WELDED NUT MAY BE USED IN SUITABLE SOILS AND WIND SPEEDS LESS THAN OR EQUAL TO 145 MPH.

DESIGN LOADS

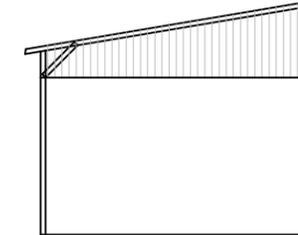
DEAD LOAD	15 PSF
LIVE LOAD	20 PSF
NOMINAL WIND SPEED	108 MPH
ULTIMATE WIND SPEED	140 MPH
WIND EXPOSURE	B
RISK CATEGORY	II
ENCLOSURE CLASSIFICATION	ENCLOSED
OCCUPANCY CLASSIFICATION	S-2

MEMBER	PRODUCT APPROVAL NUMBER	MAX WIND DESIGN PRESSURES
ROOF PANELS	FL39466.1/FL39466.2	+12.1 PSF / -40.2 PSF
WALL PANELS	FL39594.1/FL39466.2	+16.8 PSF / -21.3 PSF
GARAGE DOOR	CTP	+16.8 PSF / -21.3 PSF
WALK-IN DOOR	CTP	+16.8 PSF / -21.3 PSF

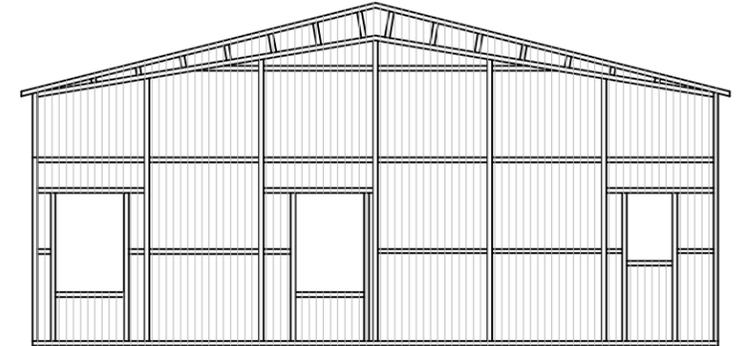
ENCLOSED METAL BUILDING
 30FT WIDE x 30FT LONG x 11FT EAVE HT.
 12FT WIDE x 30 LONG x 8FT HT. (FRONT LEAN-TO)



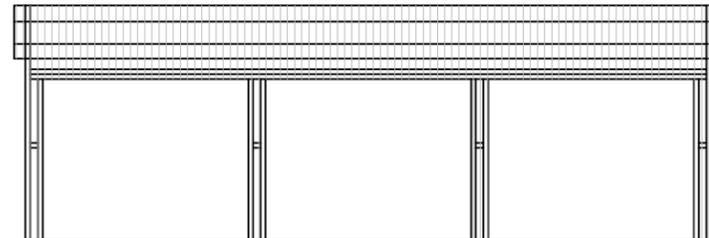
FRONT ELEVATION



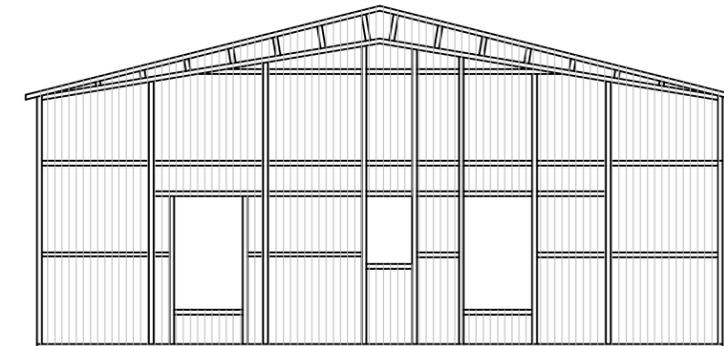
RIGHT LEAN-TO ELEVATION



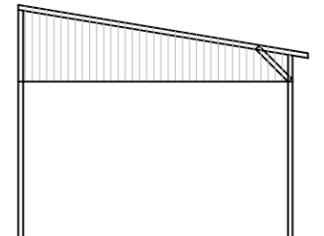
RIGHT ELEVATION



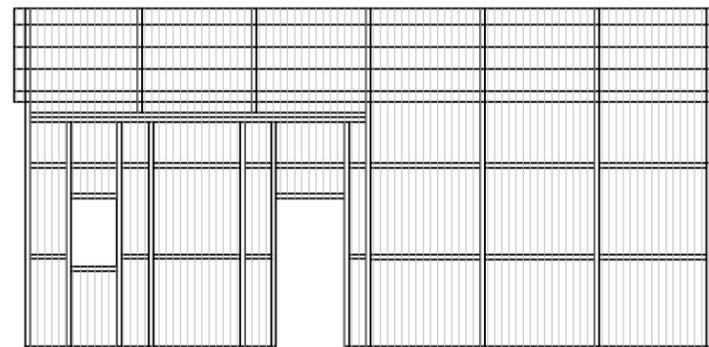
FRONT LEAN-TO ELEVATION



LEFT ELEVATION



LEFT LEAN-TO ELEVATION



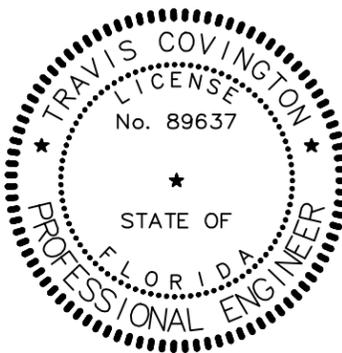
REAR ELEVATION

DRAWING INDEX

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S.4	FRAMING LAYOUT (2 OF 2)
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S.5	CONNECTION DETAILS (2 OF 2)
S.6	WALL & CEILING DETAILS

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GENERAL NOTES & SPECIFICATIONS

SCALE: AS NOTED
 SHEET NO: S.1

REVISIONS

NO.	DESCRIPTION	DATE

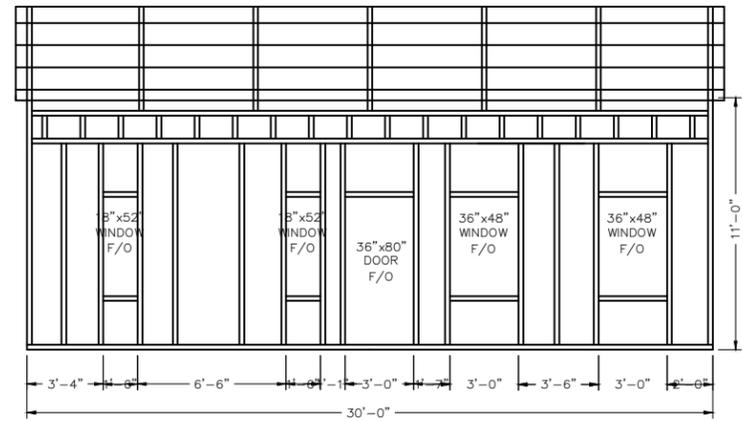
COVINGTON ENGINEERING SERVICES
 272 NW COUNTRY LAKE DR, LAKE CITY, FL 32055
 813.770.9470
 TRAVIS@COVINGTONENG.COM

PROJECT: DEESE RESIDENCE

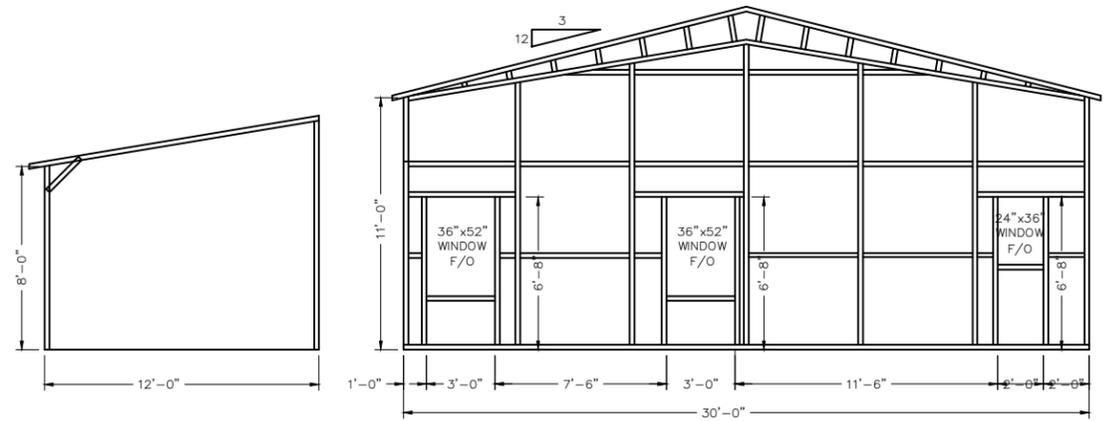
CLIENT: MICHAEL DEESE

LOCATION: 807 STEEDLEY DR, LAKE CITY, FL

JOB NO: E119

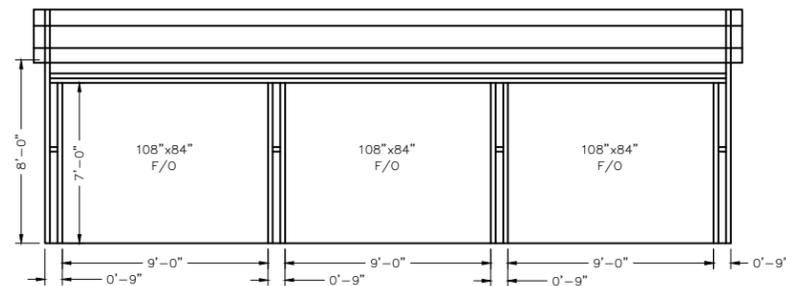


FRONT ELEVATION

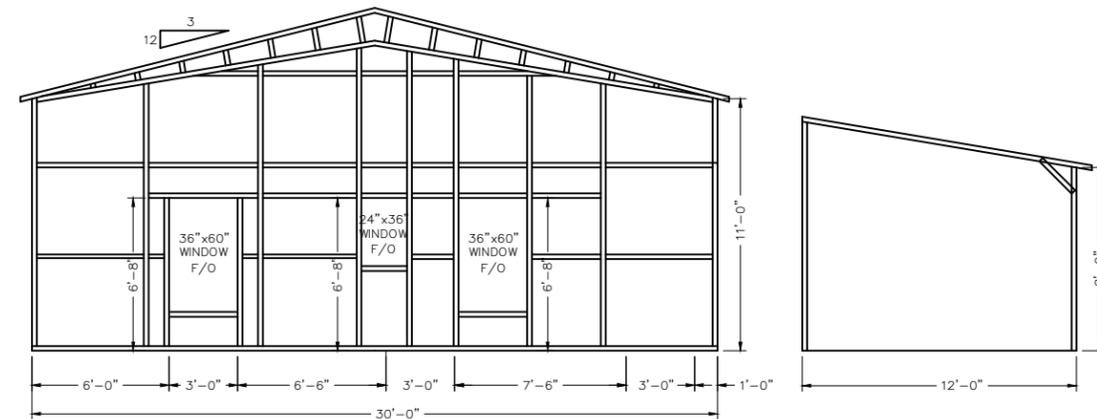


RIGHT LEAN-TO ELEVATION

RIGHT ELEVATION

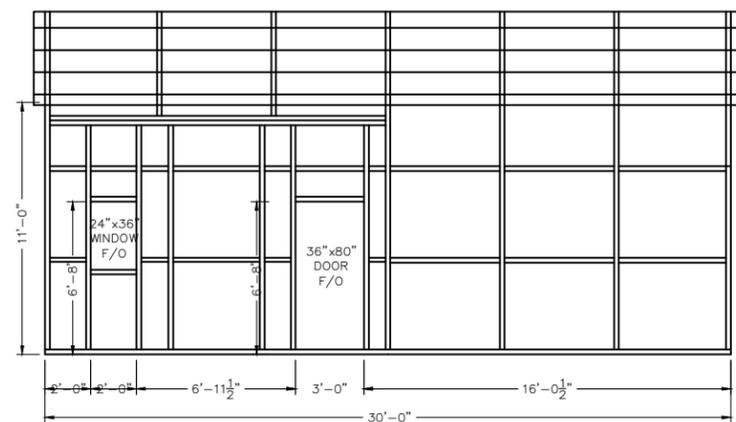


FRONT LEAN-TO ELEVATION



LEFT ELEVATION

LEFT LEAN-TO ELEVATION



REAR ELEVATION

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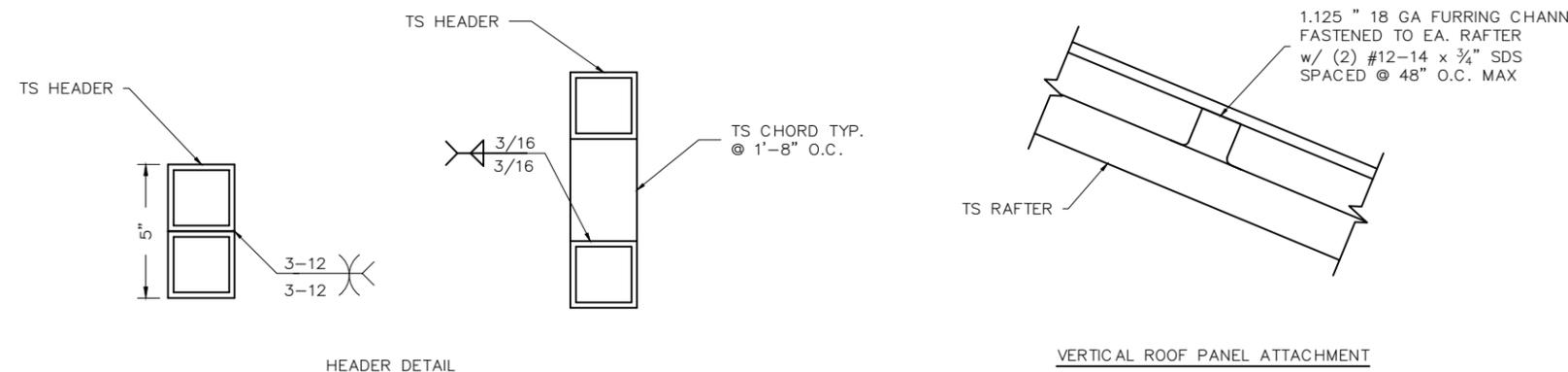
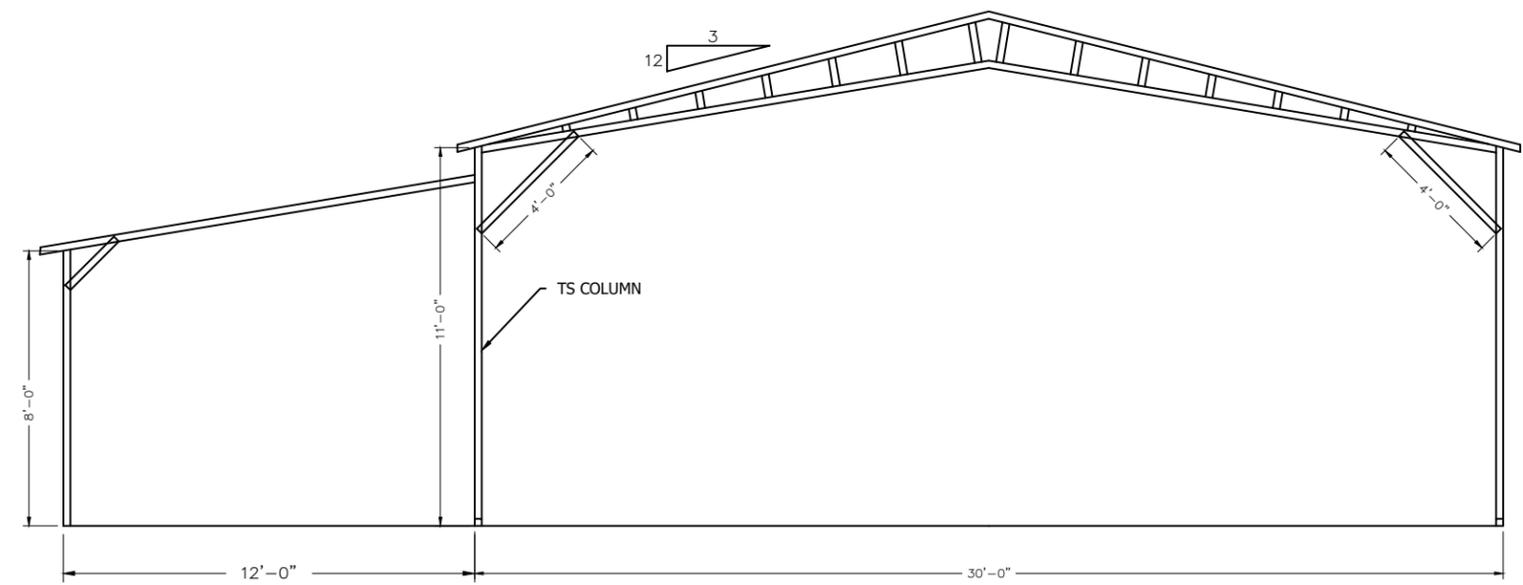
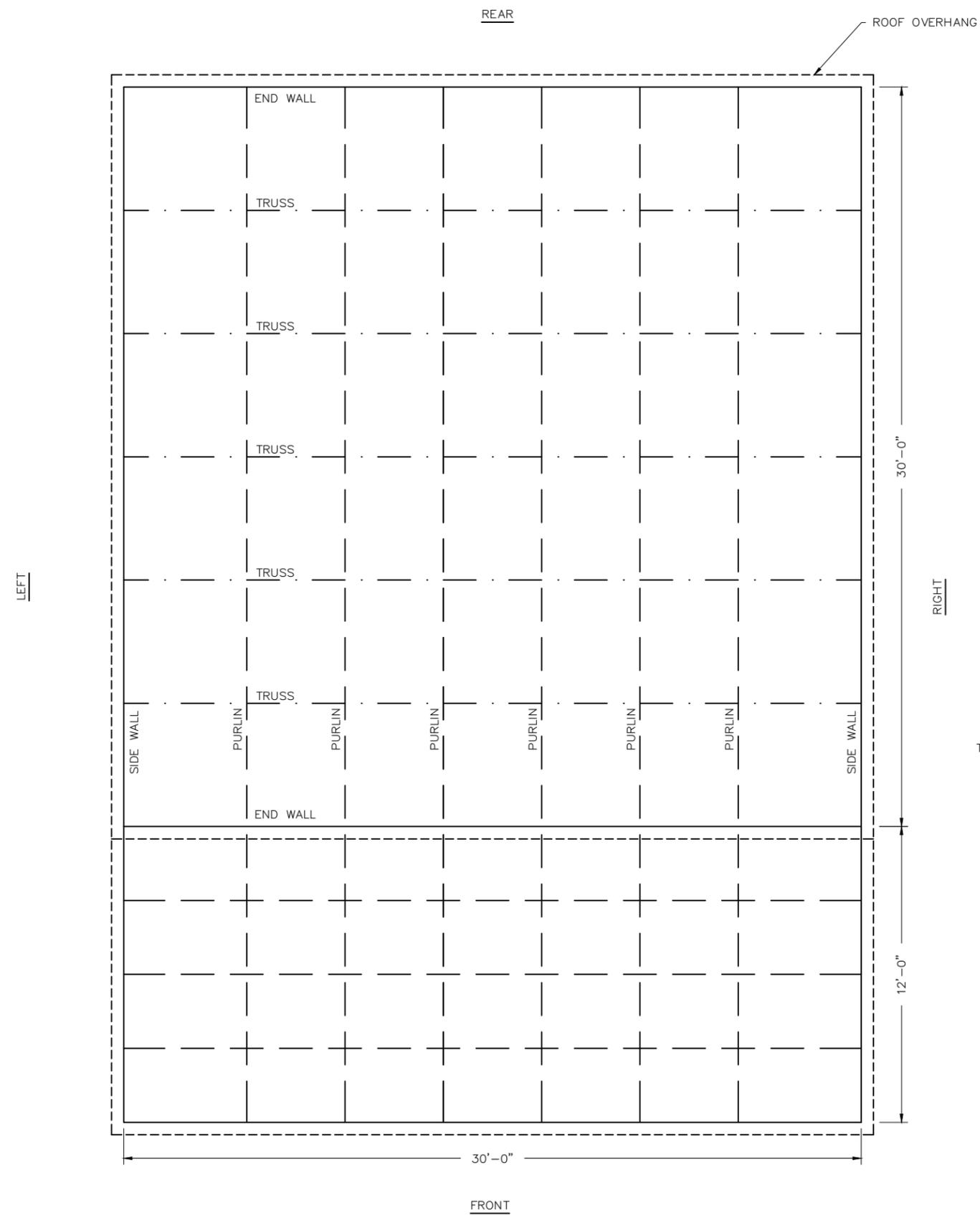
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JOB NO: E119

FRAMING LAYOUT (1 OF 2)

SCALE: AS NOTED

SHEET NO: S.2



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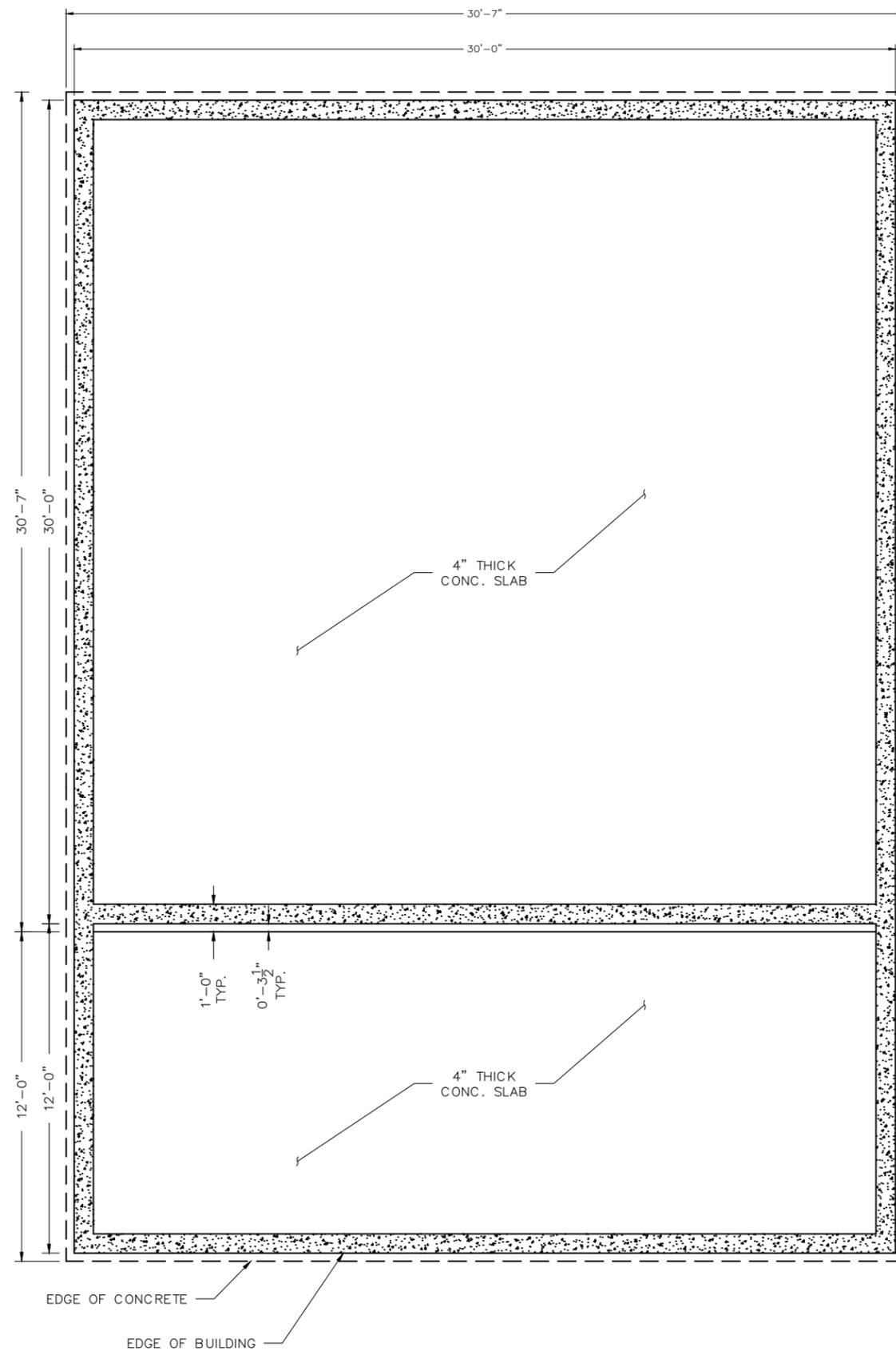
TRAVIS COVINGTON
 LICENSE
 No. 89637
 STATE OF
 FLORIDA
 PROFESSIONAL ENGINEER

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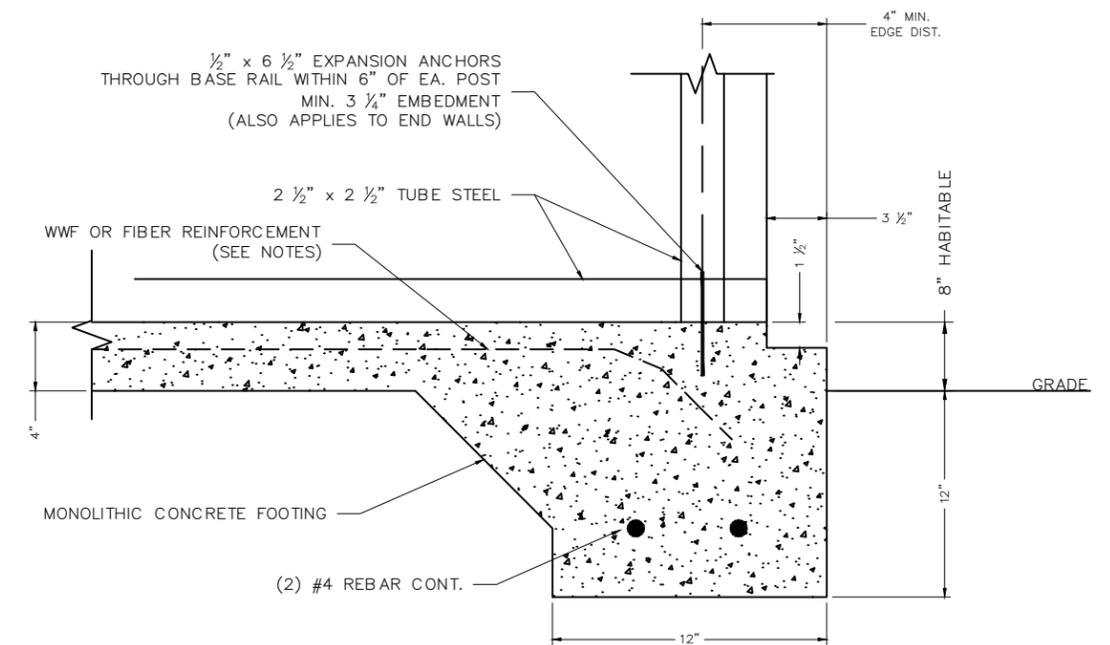
PROJECT:	DEESE RESIDENCE
CLIENT:	MICHAEL DEESE
LOCATION:	807 STEEDLEY DR, LAKE CITY, FL
JOB NO:	E119

FRAMING LAYOUT (2 OF 2)	
SCALE:	SHEET NO:
AS NOTED	S.2



REINFORCING STEEL NOTES

1. REBAR SHALL BE ASTM A615 GRADE 60
2. SLAB REINFORCEMENT SHALL BE WELDED WIRE FABRIC PER ASTM A185 OR FIBERGLASS FIBER REINFORCEMENT
3. CONCRETE COVER SHALL BE 3" WHERE CONCRETE IS EXPOSED TO SOIL OR WATER; 2" EVERYWHERE ELSE
4. REBAR SHALL BE BENT WITHOUT HEATING; MINIMUM BEND LENGTH = 6 x BAR DIAMETER
5. REINFORCEMENT PARTIALLY EMBEDDED IN CONCRETE SHALL NOT BE FIELD BENT



A BASE RAIL ANCHORAGE
CONCRETE MONOLITHIC SLAB
SCALE: NTS

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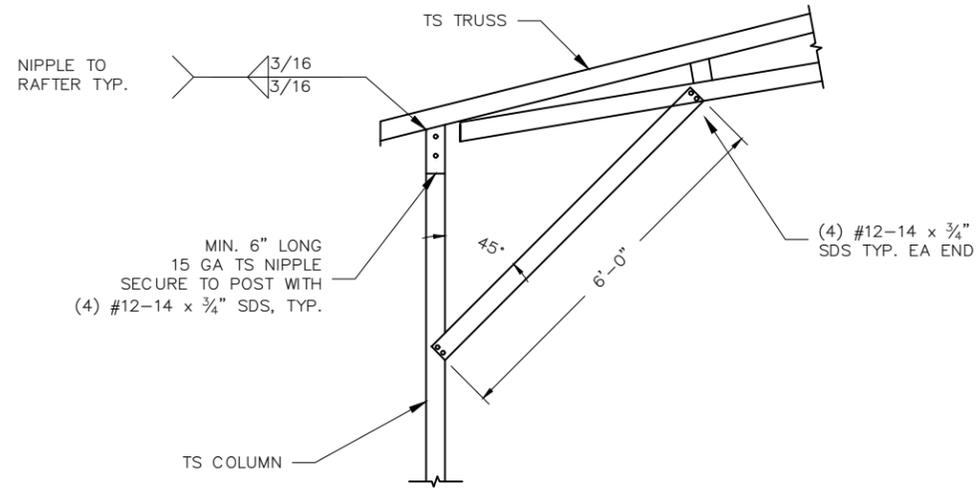
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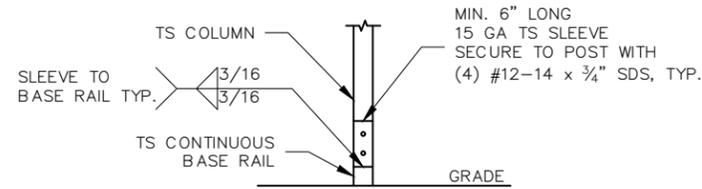
FOUNDATION PLAN & DETAILS

SCALE: AS NOTED

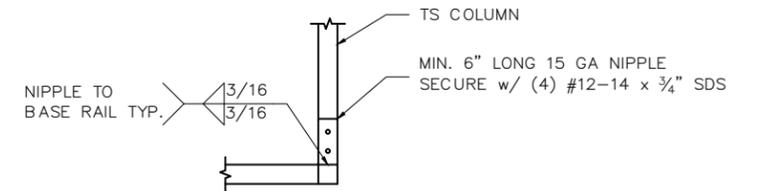
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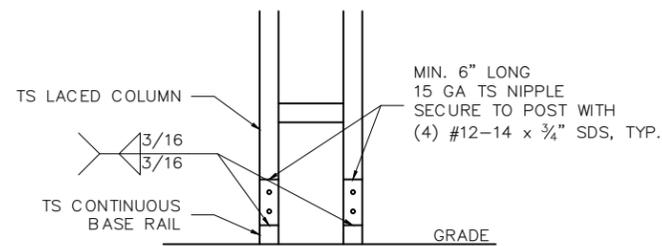
BOX EAVE RAFTER/CORNER POST CONNECTION
SCALE: NTS



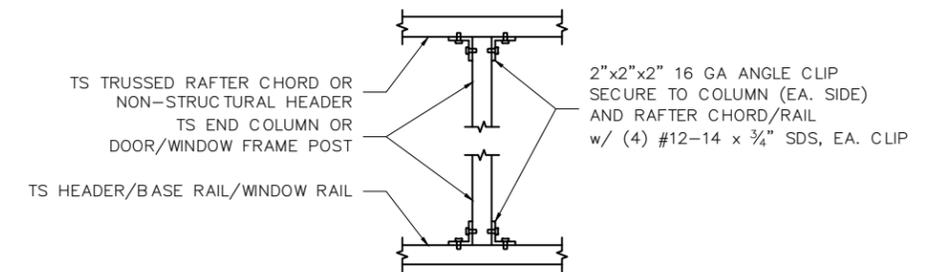
POST/BASE RAIL CONNECTION
SINGLE COLUMN
SCALE: NTS



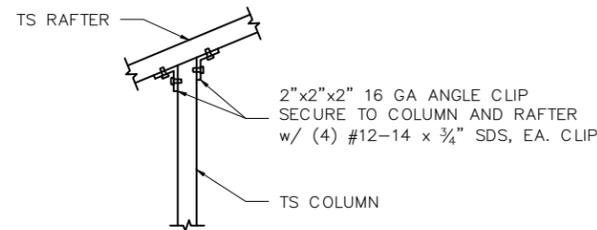
POST/BASE RAIL CONNECTION
END WALL FRAMING
SCALE: NTS



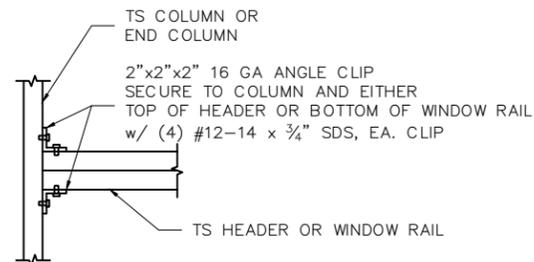
POST/BASE RAIL CONNECTION
LACED COLUMN
SCALE: NTS



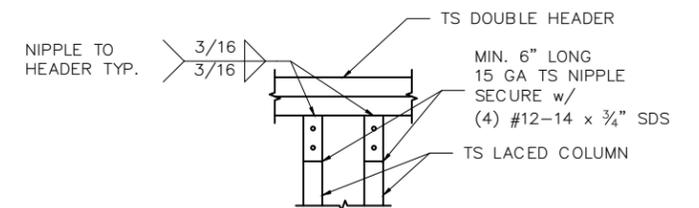
POST TO HEADER, BASE RAIL, OR WINDOW
RAIL CONNECTION
SCALE: NTS



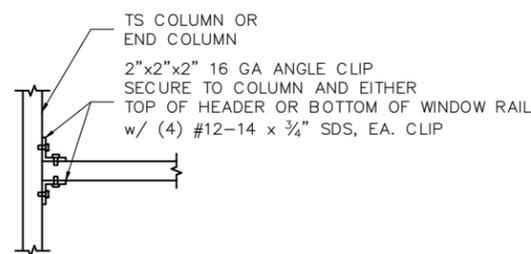
TYPICAL POST RAFTER CONNECTION
END WALL FRAMING
SCALE: NTS



DOUBLE HEADER TO POST
HORIZONTAL CONNECTION
SCALE: NTS



DOUBLE HEADER TO
LACED COLUMN CONNECTION
SCALE: NTS



HEADER TO POST CONNECTION
SCALE: NTS

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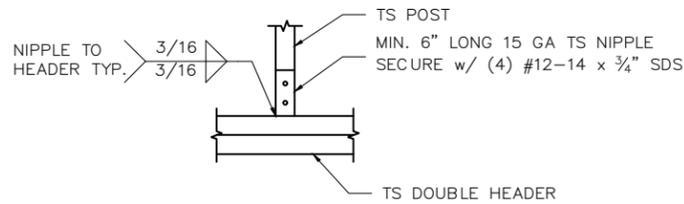
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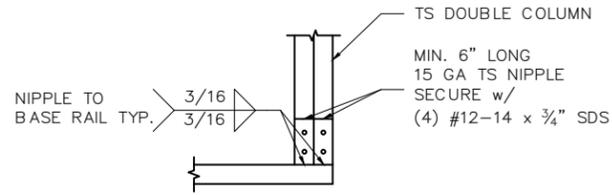
CONNECTION DETAILS (1 OF 2)

SCALE:	SHEET NO:
AS NOTED	S.4



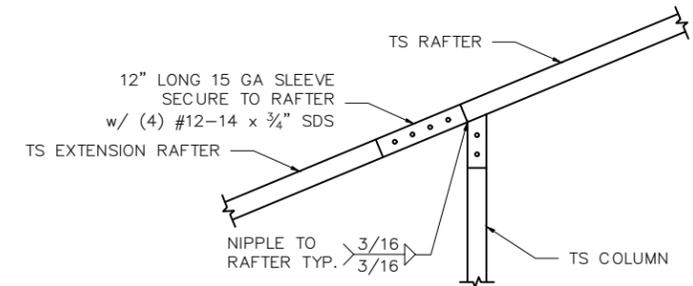
DOUBLE HEADER TO POST
VERTICAL CONNECTION

SCALE: NTS



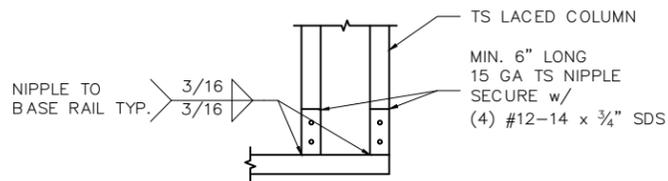
DOUBLE COLUMN TO BASE RAIL CONNECTION

SCALE: NTS



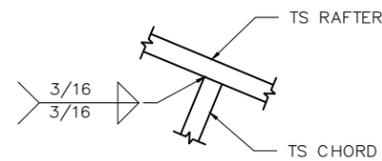
SIDE EXTENSION RAFTER/POST CONNECTION
RAFTER SPAN LESS THAN 12'-0"

SCALE: NTS



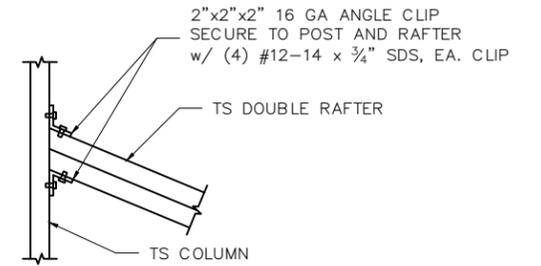
LACED COLUMN TO BASE RAIL CONNECTION

SCALE: NTS



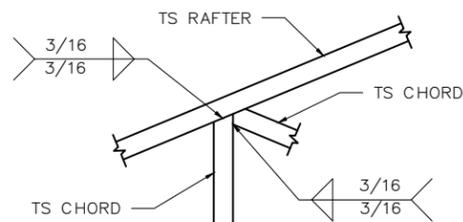
RAFTER TO CHORD CONNECTION

SCALE: NTS



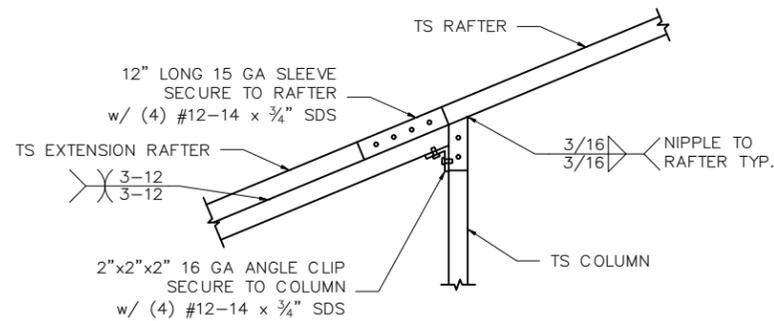
LEAN-TO RAFTER/COLUMN CONNECTION
RAFTER SPAN BETWEEN 12'-0" AND 16'-0"

SCALE: NTS



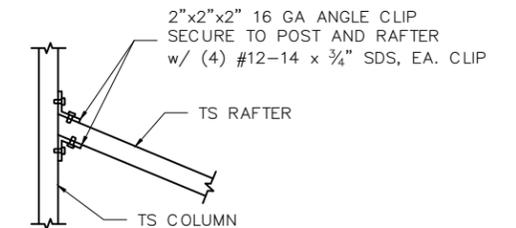
RAFTER TO CHORD CONNECTION

SCALE: NTS



SIDE EXTENSION RAFTER/POST CONNECTION
RAFTER SPAN BETWEEN 12'-0" AND 16'0"

SCALE: NTS



LEAN-TO RAFTER/COLUMN CONNECTION
RAFTER SPAN LESS THAN 12'-0"

SCALE: NTS

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CONNECTION DETAILS (2 OF 2)

SCALE:
AS NOTED

SHEET NO:
S.5