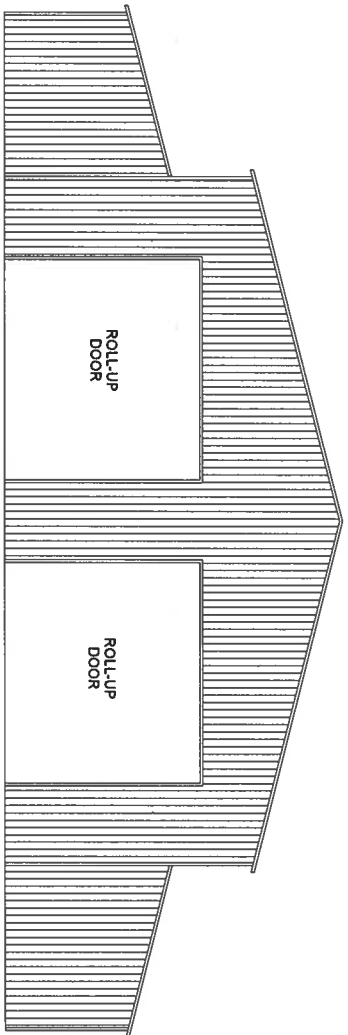
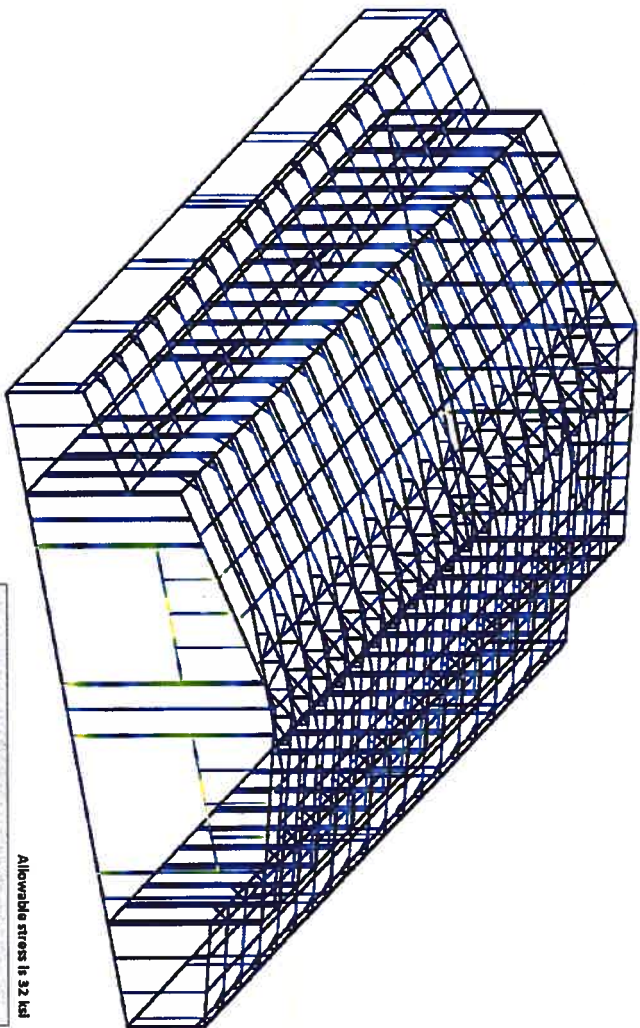


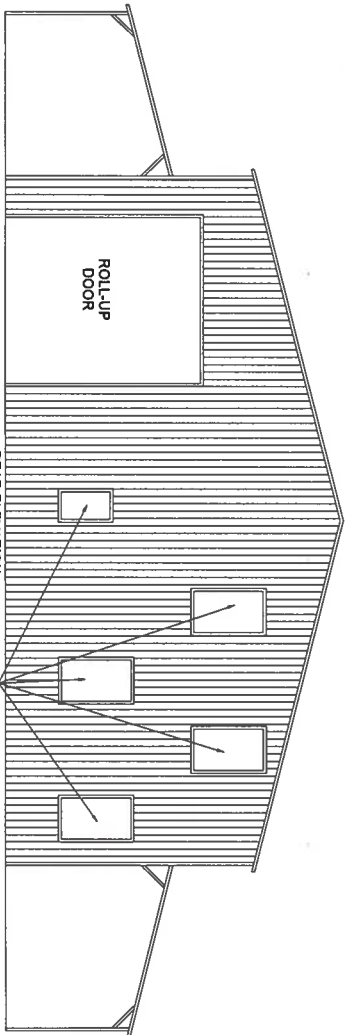
- GENERAL NOTES
0. APPLICABLE CODES, REGULATIONS, & STANDARDS
A. ASCE 7-16
B. 2018 FLORIDA BUILDING CODE, 7TH EDITION
C. ACI 318 CONCRETE REFERENCE MANUAL
 1. THESE PLANS BELONG EXCLUSIVELY TO THE STRUCTURE, INCLUDING MAIN WIND FORCE RESISTING SYSTEM (MFRS), COMPONENTS AND CLADDING (CC), AND BASE PAIL ANCHORAGE OR OTHER LOCAL ZONING REQUIREMENTS ARE THE LIABILITY OF OTHERS.
 2. THESE STRUCTURES ARE ENGINEERED AS RISK CATEGORY II, CAPABLE OF SUPPORTING DEAD LOAD OF THE STRUCTURE. THE STRUCTURE IS NOT TO BE USED FOR ANY OTHER PURPOSES. THE STRUCTURE IS NOT TO BE USED FOR ANY OTHER PURPOSES. THE STRUCTURE IS NOT TO BE USED FOR ANY OTHER PURPOSES.
 3. LOW ULTIMATE WIND SPEED 105 TO 140 MPH (NOMINAL WIND SPEED 81 TO 108 MPH). MAXIMUM RAFTERPOST AND END POST SPACING = 50 FEET.
 4. HIGH ULTIMATE WIND SPEED 141 TO 170 MPH (NOMINAL WIND SPEED 109 TO 132 MPH). MAXIMUM RAFTERPOST AND END POST SPACING = 40 FEET.
 5. ALL STEEL TUBING SHALL BE 30X3S GALVANIZED STEEL. ALL FASTENERS SHALL BE ZINC COATED HARDWARE.
 6. SPECIFICATIONS APPLICABLE TO 29 GAUGE METAL PANELS FASTENED DIRECTLY TO 2 1/2" x 2 1/2" - 14 GAUGE TUBE STEEL (TS) FRAMING MEMBERS FOR VERTICAL PANELS.
 7. FASTENERS CONSIST OF #12 14.4 KSI SELF-DRILLING FASTENER (SDP), USE CONTRA SEAL WASHER WITH EXTERIOR FASTENERS. SPECIFICATIONS APPLICABLE ONLY FOR MEAN ROOF HEIGHT OF 20 FEET OR LESS, AND ROOF SLOPES OF 14 (12/12 PITCH) OR LESS. SPACING REQUIREMENTS FOR OTHER ROOF HEIGHTS AND SLOPES MAY VARY.
 8. AVERAGE FASTENER SPACING ON-CENTERS ALONG RAFTERS OR PURLINS, AND POSTS, INTERIOR = 9" OR END = 6" (MAX).
 9. WIND FORCES GOVERN OVER SEISMIC FORCES. SEISMIC PARAMETERS ANALYZED ARE:
RISK CATEGORY II
SOL SITE CLASS = D
S₁ = 0.097 g
S₂ = 0.097 g
S₃ = 0.094 g

PRODUCT CATEGORY	SUB CATEGORY	MANUFACTURER	APPROVAL NO. & DATE
STRUCTURAL COMPONENTS	ROOF DECK	CAPITAL METAL SUPPLY, INC.	FL20147-2-R2
STRUCTURAL COMPONENTS	STRUCTURAL WALL	29 GA. CAPITAL RIB ROOF PANEL	10/13/20
EXTERIOR DOORS	ROLL-UP	CAPITAL METAL SUPPLY, INC.	FL20148-2-R2
EXTERIOR DOORS	ROLL-UP	29 GA. CAPITAL RIB WALL PANEL	10/13/20
EXTERIOR DOORS	ROLL-UP	JANUS INTERNATIONAL GROUP, LLC. SERIES 3662	FL14425-1-R5
EXTERIOR DOORS	ROLL-UP	JANUS INTERNATIONAL GROUP, LLC. SERIES 1100	FL21450-3-R6
EXTERIOR DOORS	SWINGING	PELLA CORPORATION 250 SERIES VINYL SLIDING PATIO DOOR	FL20146-3-R3
EXTERIOR DOORS	SWINGING	PELLA CORPORATION 250 SERIES SINGLE HUNG WINDOW	03/29/2021
WINDOWS	SINGLE HUNG	PELLA CORPORATION 250 SERIES SINGLE HUNG WINDOW	FL16812-4-R5
WINDOWS	SINGLE HUNG	PELLA CORPORATION 250 SERIES FIXED WINDOW	11/10/20
WINDOWS	SINGLE HUNG	PELLA CORPORATION 250 SERIES FIXED WINDOW	FL16811-3-R4
WINDOWS	SINGLE HUNG	PELLA CORPORATION 250 SERIES FIXED WINDOW	11/10/20

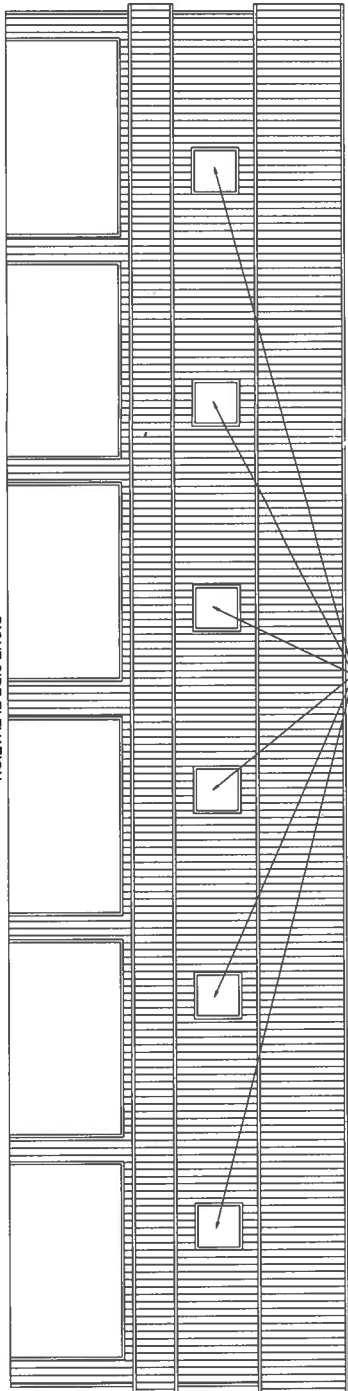
RISK CATEGORY:	II
ULTIMATE WIND SPEED (MPH):	110
NOMINAL DESIGN WIND SPEED (MPH):	85
WIND EXPOSURE CATEGORY:	C
BUILDING ENCLOSURE TYPE:	ENCLOSED
ROOF ANGLE (DEGREES):	14.0
MEAN ROOF HEIGHT (FEET):	21.125
DESIGN PRESSURES (PSF):	
MAIN BUILDING:	
WIND ZONE 1:	+9.8 / -15.6
WIND ZONE 2:	+9.8 / -27.2
WIND ZONE 3:	+9.8 / -40.2
WIND ZONE 4:	+9.8 / -21.4
WIND ZONE 5:	+17.0 / -18.5
WIND ZONE 6:	+17.0 / -22.8
WIND ZONE 7:	+17.0 / -19.4
DESIGN WALL PRESSURES:	
SWINGING DOOR:	+16.4 / -17.7
ROLL-UP DOOR:	+14.0 / -15.2
WINDOW:	+17.0 / -18.5
OPEN LEAN TO:	
WIND ZONE 1:	+20.5 / -21.7
WIND ZONE 2:	+30.8 / -33.1
WIND ZONE 3:	+30.8 / -33.1
WIND ZONE 4:	+30.5 / -32.8
DESIGN ROOF PRESSURES:	
OBSTRUCTED WIND FLOW:	
WIND ZONE 1:	+13.7 / -24.0
WIND ZONE 2:	+20.5 / -36.5
WIND ZONE 3:	+20.5 / -36.5
DESIGN ROOF PRESSURES:	
OBSTRUCTED WIND FLOW:	
WIND ZONE 1:	+20.2 / -36.2



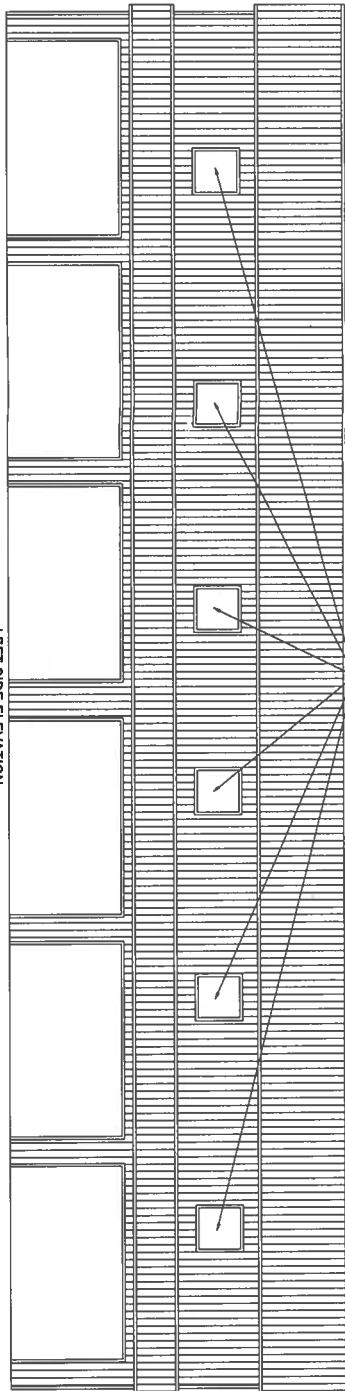
FRONT ELEVATION



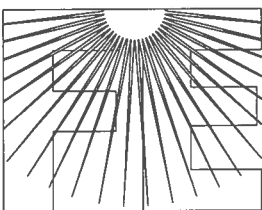
REAR ELEVATION



RIGHT SIDE ELEVATION



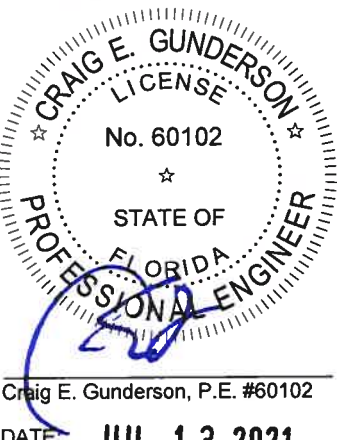
LEFT SIDE ELEVATION



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PROJECT NO. 2117983

CA CERT #30782



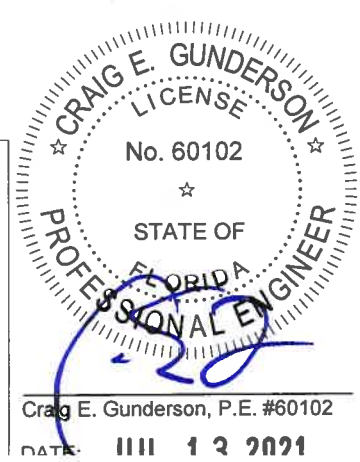
Craig E. Gunderson, P.E. #60102

DATE: IIII 12 2021

CONTRACTOR:
TUBULAR BUILDING SYSTEMS

PROJECT ADDRESS:
ELLIS
935 NW HUNTSVILLE CHURCH DR
LAKE CITY, FL

DESIGN DATE: 07/06/2021
REVISION 1: DATE
REVISION 2: DATE
DRAWN BY: NTS
SCALE: 0



GENERAL NOTES

CONCRETE:

CONCRETE SHALL HAVE A MINIMUM SPECIFIED COMPRESSIVE STRENGTH OF 3000 PSI AT 28 DAYS.
COVERAGE OF THE REINFORCED STEEL:

FOR FOUNDATIONS, MINIMUM CONCRETE COVER OVER REINFORCING BARS SHALL BE PER ACI 318.
3 INCHES WHERE THE CONCRETE IS POURED AGAINST AND TEMPORARY IN CONTACT WITH THE EARTH
OR UNPROTECTED FROM THE EARTH OR WEATHER, OTHERWISE 1-1/2 INCHES.

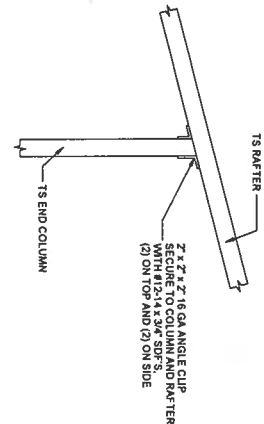
CONCRETE NOTE:

ALL OPEN AREAS OF CONCRETE OUTSIDE OF THE PROPOSED
STRUCTURE SHALL BE DESIGNED TO SLOPE AWAY FROM THE
REINFORCING STEEL.

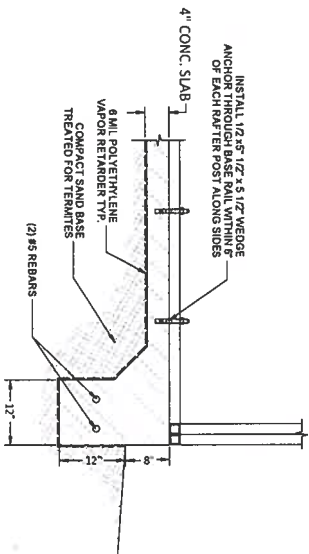
THE TURNDOWN REINFORCING STEEL SHALL BE ASTM A615 GRADE 60.
THE SLAB REINFORCEMENT SHALL BE WELDED WIRE FABRIC
MEETING ASTM A183 OR FIBERGLASS FIBER REINFORCEMENT.

REINFORCEMENT MAY BE BENT IN THE FIELD OR SHOP AS LONG AS:

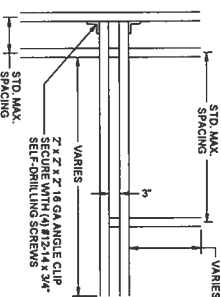
1. IT IS BENT COLD.
2. REINFORCEMENT PARTIALLY EMBEDDED IN CONCRETE SHALL NOT BE FIELD BENT.
3. THE DIAMETER OF THE BEND, MEASURED ON THE INSIDE OF THE BAR, IS NOT LESS THAN SIX-BAR DIAMETERS.



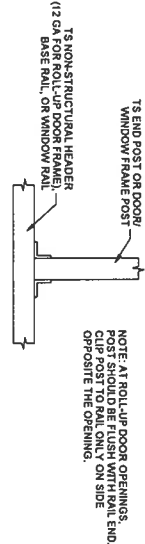
2 END POST/RAFTER
CONNECTION DETAIL
SCALE: NTS



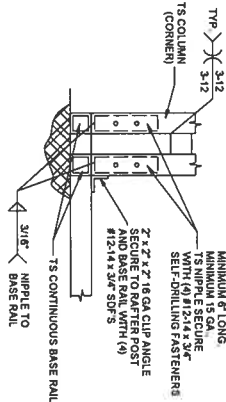
1 CONCRETE MONO SLAB BASE RAIL ANCHORAGE
SCALE: NTS



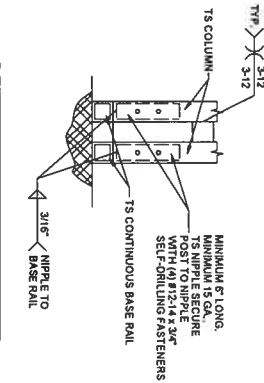
6 SIDE WALL ROLL-UP DOOR HEADER
CONNECTION DETAIL
SCALE: NTS



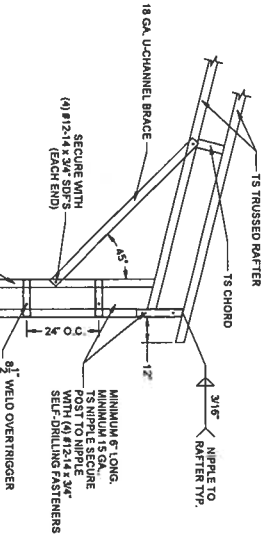
5 POST TO NON-STRUCTURAL HEADER, BASE
RAIL OR WINDOW RAIL CONNECTION DETAIL
SCALE: NTS



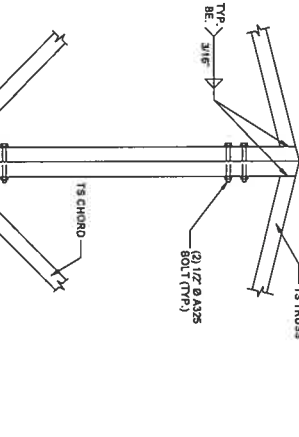
4 END POST/RAFTER
CONNECTION DETAIL
SCALE: NTS



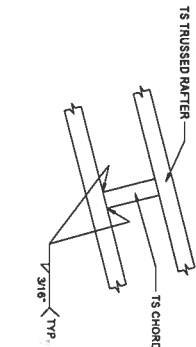
3 RAFTER POST/RAFTER
CONNECTION DETAIL
SCALE: NTS



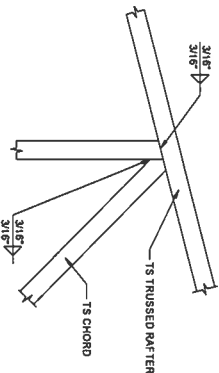
9 RAFTER/RAFTER ASSEMBLY
CONNECTION DETAIL
SCALE: NTS



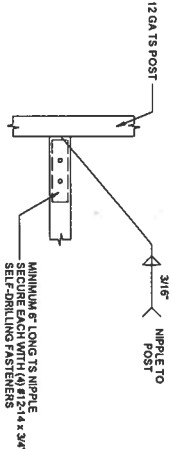
10 SPLICE
CONNECTION DETAIL
SCALE: NTS



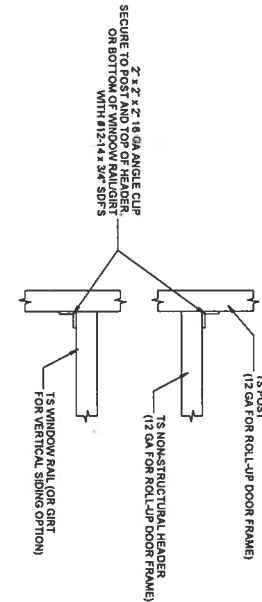
7 CHORD/RAFTER
CONNECTION DETAIL
SCALE: NTS



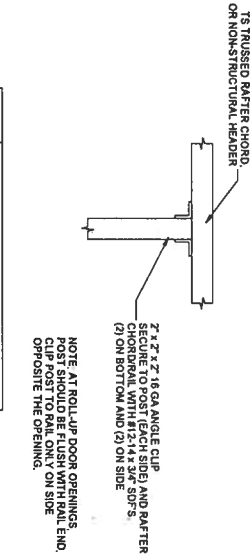
8 TRUSS POST AND CHORD
CONNECTION DETAIL
SCALE: NTS



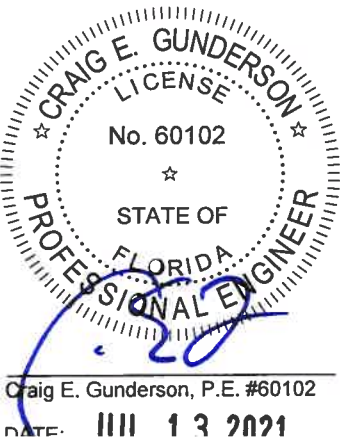
13 HEADER/POST
CONNECTION DETAIL
SCALE: NTS



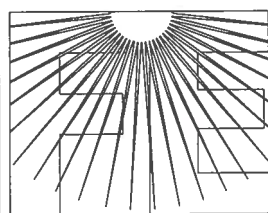
12 NON-STRUCTURAL HEADER OR WINDOW RAIL
TO POST CONNECTION DETAIL
SCALE: NTS



11 POST TO NON-STRUCTURAL HEADER, BASE
RAIL OR WINDOW RAIL CONNECTION DETAIL
SCALE: NTS



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