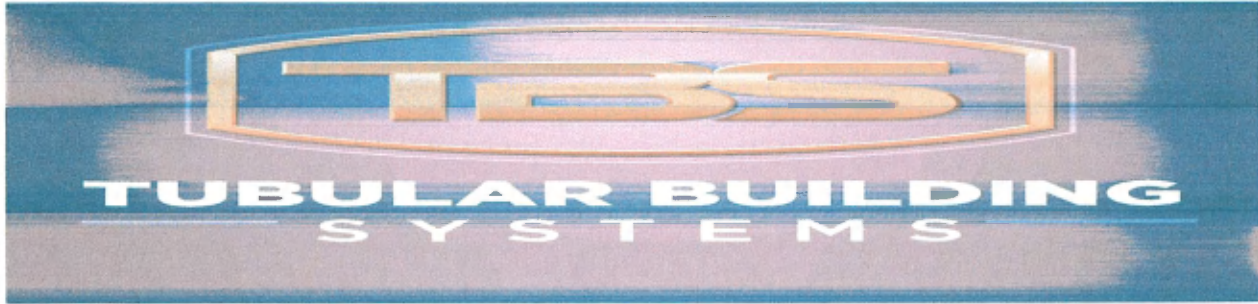


68980



## Florida Product Approval Codes

### Roof Deck:

Capital Metal Supply Inc. Ag Panel: 20147.2

EXP 03/04/2025

### Wall Panel:

Capital Metal Supply Inc. Ag Panel: 20148.2

EXP 03/04/2025

### Window:

Wintech Window Technology: 30750.1

EXP 12/14/2031

### Walk-In Door:

Elixir Door & Metal Company blank (no window): 17996.5

EXP 08/19/2025

### Roll-Up Doors:

Janus International Corporation Model 3652: 21450.6

EXP 12/31/2025

If you have any questions on concern, please contact Donald Little at  
386-961-0006 or at [tubularbuildingsystems@gmail.com](mailto:tubularbuildingsystems@gmail.com).

REGINALD GARY TERRY  
582 S.W. Bluff Dr.  
Ft. White, FLA 32038  
(239) 450.4087  
TERRYdeo@gmail.com

Outside measurement of foundation  
Equals Basic Building Dimension  
plus Seven (7) inches

60'7"

Basic Building  
Dimension  
to outside of Base Rail

60'

BUILDING SLAB

See Corner  
Detail Sheet 3

Building  
Base Rail

3-1/2" wide x 1-1/2" high Notch  
in Concrete outside  
of basic building  
dimensions

30'  
Basic Building  
Dimension  
to outside of Base Rail

30'7"

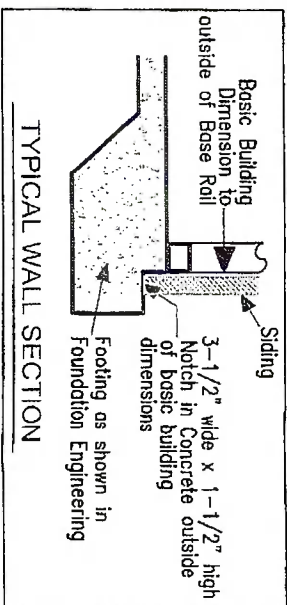
Outside measurement of foundation  
Equals Basic Building Dimension  
plus Seven (7) inches

## IMPORTANT - NOTES

Record Measurements  
in these spaces provided

All basic building dimensions  
are to the outside of the  
frame Base Rail and DO NOT  
INCLUDE the 3-1/2" x 1-1/2"  
notch in the concrete footing

See Sheet 3 of 3  
for Detail of Building  
corner configuration



TYPICAL WALL SECTION



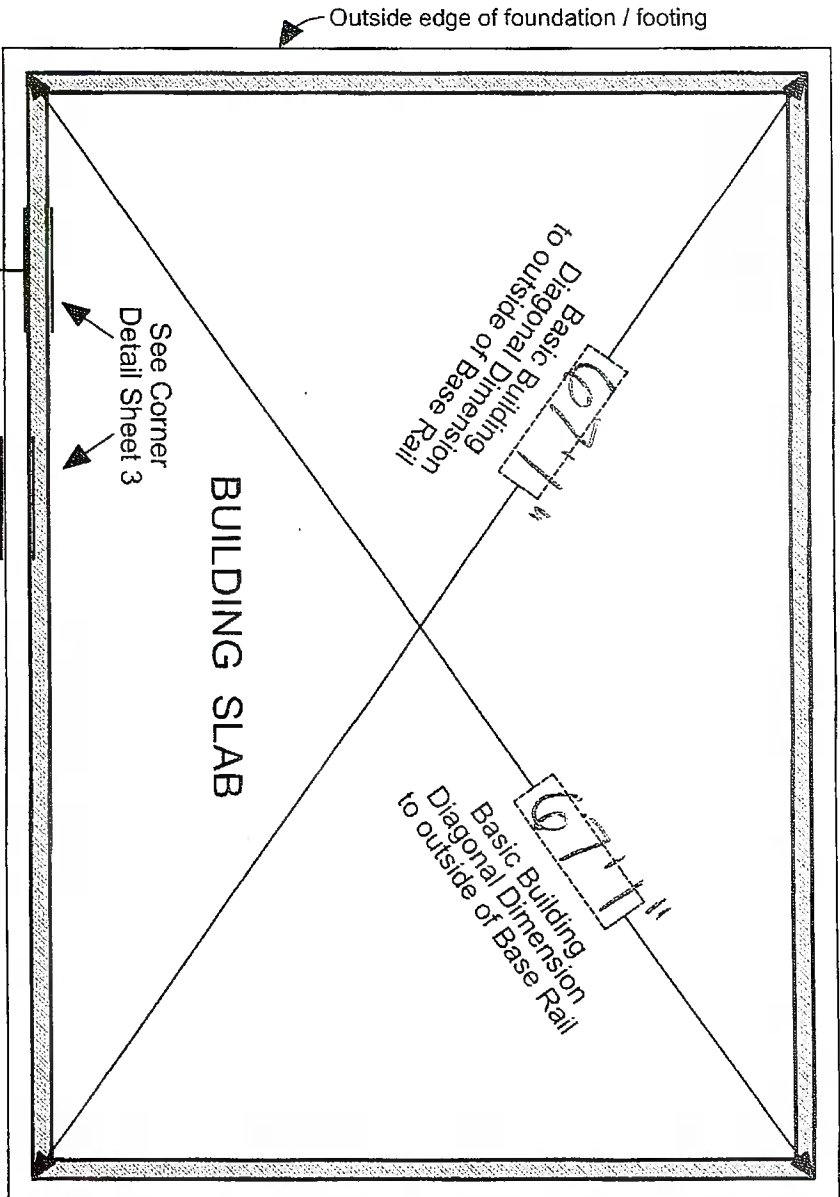
## TYPICAL BUILDING FOUNDATION MEASUREMENTS

## IMPORTANT - NOTES

Record Measurements  
in these spaces provided

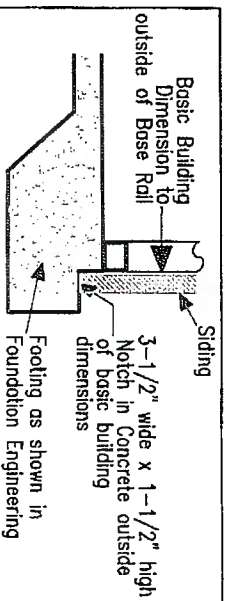
All basic building diagonal dimensions  
are to the outside corner of the  
frame Base Rail and DO NOT  
INCLUDE the 3-1/2" x 1-1/2"  
notch in the concrete footing

See Sheet 3 of 3  
for Detail of Building  
corner configuration



Building  
Base Rail

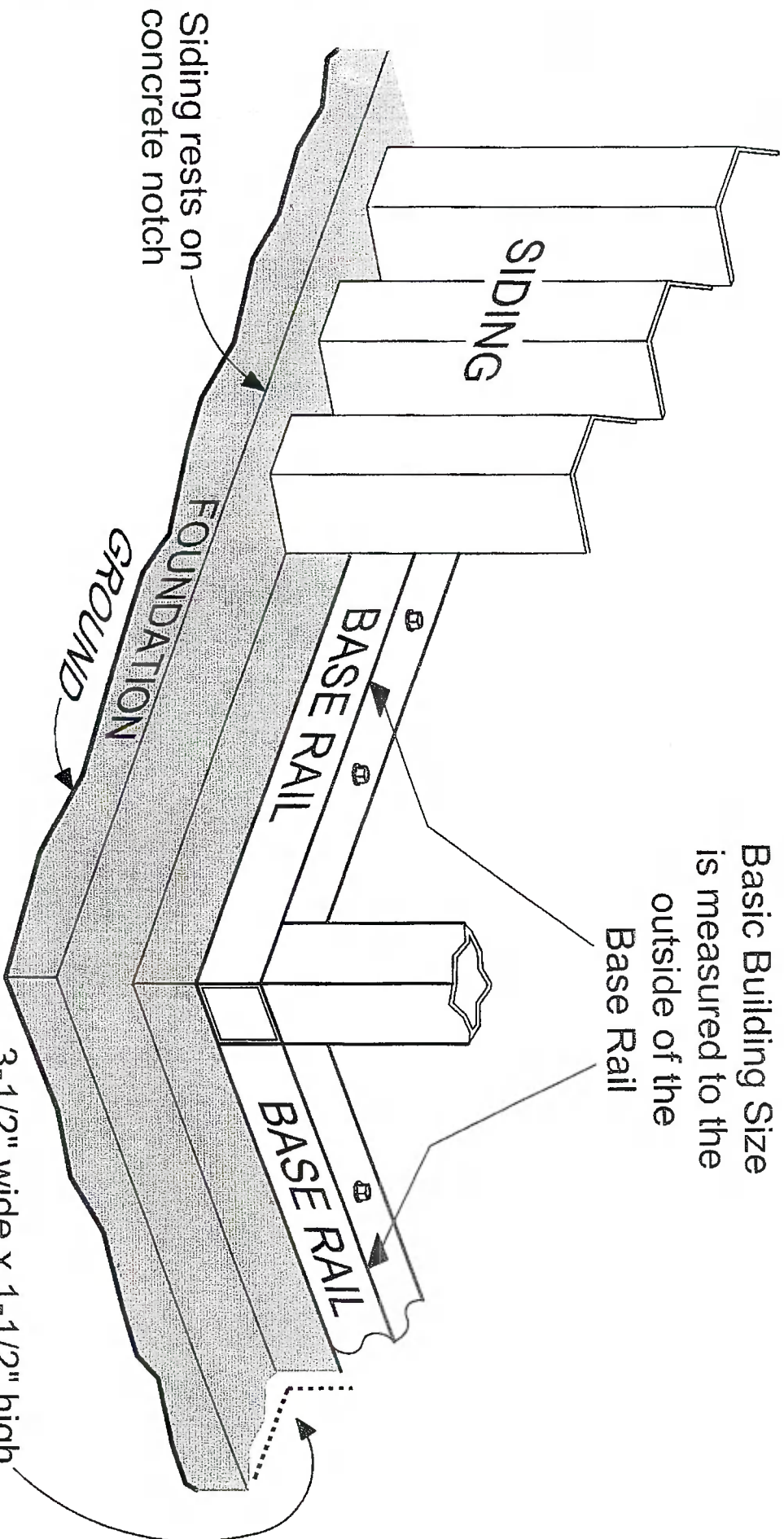
3-1/2" wide x 1-1/2" high Notch  
in Concrete outside  
of basic building  
dimensions



TYPICAL WALL SECTION



## TYPICAL BUILDING FOUNDATION MEASUREMENTS DIAGONALS



## TYPICAL BUILDING

CORNER DETAIL



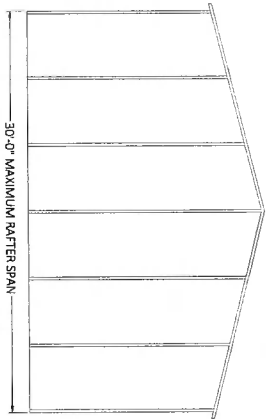
# GENERAL NOTES

- DESIGN IS FOR MAXIMUM 30'-0" WIDE X 20'-0" EAVE HEIGHT FULLY ENCLOSED STRUCTURES
- APPLICABLE CODES, REGULATIONS, & STANDARDS:
  - 2021 INTERNATIONAL BUILDING CODE
  - 2021 INTERNATIONAL RESIDENTIAL CODE
  - ASCE 7-22 MINIMUM DESIGN LOADS ON BUILDINGS AND OTHER STRUCTURES
  - ASCE STEEL CONSTRUCTION MANUAL (15TH EDITION)
  - ACI 318-19 BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE
  - TMS 402-16 BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES
  - AWS D1.1 STRUCTURAL WELDING
- MSK CATEGORY: I
- EXPOSURE CATEGORY: C  
LOW ULTIMATE WIND SPEED: 105 TO 150 MPH (NOMINAL WIND SPEED 81 TO 116 MPH); MAXIMUM RAFTER/POST AND END POST SPACING = 5.0 FEET;  
HIGH ULTIMATE WIND SPEED 151 TO 180 MPH (NOMINAL WIND SPEED 117 TO 139 MPH); MAXIMUM RAFTER/POST AND END POST SPACING = 4.0 FEET
- DEAD LOAD = 10 PSF
- LIVE LOAD = 10 PSF
- 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. 29 GAUGE METAL PANELS SHALL BE FASTENED TO 18 GAUGE HAT CHANNELS (UNLESS OTHERWISE NOTED).
- OPTIONAL BASE RAIL ANCHORAGE MAY BE USED FOR LOW AND MUST BE USED FOR HIGH WIND SPEEDS.
- FASTENER CONSIST OF #13-14, 3/4" - 6.6" DRILLING FASTENER (DFP), USE CONTROL SEAL WASHER WITH EXTERIOR FASTENERS SPECIFICATIONS APPLICABLE ONLY FOR MEAN ROOF HEIGHT OF 20 FEET OR LESS, AND ROOF SLOPES OF 1:4 TO 1:12 PITCH OR LESS SPACING REQUIREMENTS FOR OTHER ROOF HEIGHTS AND/OR SLOPES MAY VARY.
- AVERAGE FASTENER SPACING ON CENTERS ALONG RAFTERS OR PURLINS, AND POSTS, INTERIOR = 9" OR END = 6" (MAX.).
- WIND FORCES GOVERN OVER SEISMIC FORCES. SEISMIC PARAMETERS ANALYZED ARE:  
SOIL SITE CLASS = D  
SEISMIC DESIGN SPECTRA (SDS) = 0.110  
R = 3.35  
SDS = 0.087 g V = CLW  
SdI = 0.084 g
- GROUND ANCHORS SHALL BE INSTALLED THROUGH BASE RAIL WITHIN 6" OF EACH RAFTER COLUMN ALONG SIDES.
- GROUND ANCHOR (SOIL WALL) CONSIST OF #6 REBAR W/ WEDGED NUT X 30" LONG IN SUITABLE SOIL. ANCHORS SHALL BE INSTALLED IN 18" DIA. HOLES AND SPACES ONLY. OPTIONAL ANCHORAGE MAY BE USED IN SUITABLE SOILS AND MUST BE USED IN UNSUITABLE SOILS AS NOTED.
- MIN. LAP REQUIREMENT FOR REBAR IN FOOTER IS 25".
- SOIL TO BE COMPACTED TO 95% OF ITS MAXIMUM DRY DENSITY, AT OPTIMUM MOISTURE CONTENT, IN ACCORDANCE WITH ASTM D1557-93
- MIN. LAP REQUIREMENT FOR REBAR IN FOOTER IS 25".
- PATCH TO PLACING CONCRETE, TREAT THE ENTIRE SUBSURFACE AREA FOR TENSILES IN COMPLIANCE WITH THE FBC.
- A LANDING OF MIN. 36" WIDTH IN THE DIRECTION OF TRAVEL SHALL BE PROVIDED AT THE EXTERIOR DOORS, SLOPE OF LANDING NOT TO EXCEED 1:48-1. LANDING LEVEL NOT TO BE LOWER THAN 1:1/2" (FOR EGRESS DOORS) & 7:3/4" (FOR OTHER EXTERIOR DOORS) BELOW THE TOP OF THRESHOLD.

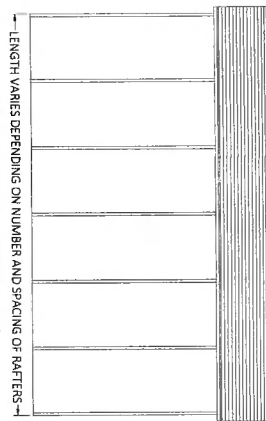
## DRAWING INDEX

PAGE NO.	NOTES AND SPECIFICATIONS
1	BOX EAVE FRAME RAFTER ENCLOSED BUILDING
2	BOX EAVE FRAME RAFTER ENCLOSED BUILDING
3	BOX EAVE FRAME RAFTER ENCLOSED BUILDING
4	BOX EAVE FRAME RAFTER ENCLOSED BUILDING
5	BOX EAVE FRAME RAFTER ENCLOSED BUILDING
6	BOX EAVE FRAME RAFTER ENCLOSED BUILDING
7	BOX EAVE FRAME RAFTER ENCLOSED BUILDING
8	BOX EAVE FRAME RAFTER ENCLOSED BUILDING
9	OPTIONAL CONCRETE STRIP FOOTING

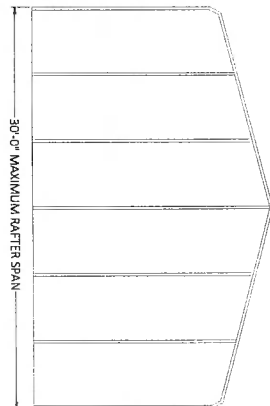
## ENCLOSED METAL BUILDING DESIGN MAXIMUM 30'-0" WIDE X 20'-0" EAVE HEIGHT BOX/BOW EAVE FRAME



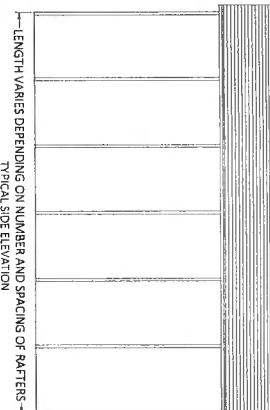
30'-0" MAXIMUM RAFTER SPAN  
TYPICAL END ELEVATION - HORIZONTAL ROOF



LENGTH VARIES DEPENDING ON NUMBER AND SPACING OF RAFTERS  
TYPICAL SIDE ELEVATION - HORIZONTAL ROOF



30'-0" MAXIMUM RAFTER SPAN  
TYPICAL END ELEVATION



LENGTH VARIES DEPENDING ON NUMBER AND SPACING OF RAFTERS  
TYPICAL SIDE ELEVATION

### BOW FRAME RAFTER ENCLOSED BUILDING

PRODUCT CATEGORY	SUB CATEGORY	MANUFACTURER	APPROVAL NO. & DATE
STRUCTURAL COMPONENTS	ROOF DECK	CAPITAL METAL SUPPLY, INC. 29 GA. CAPITAL RIB ROOF PANEL	FL20147-2-48 12/13/2023
STRUCTURAL COMPONENTS	STRUCTURAL WALL	CAPITAL METAL SUPPLY, INC. 29 GA. CAPITAL RIB WALL PANEL	FL20148-2-48 12/13/2023
DOORS	ROLL-UP	JANUS INTERNATIONAL GROUP, LLC. SERIES 3652	FL14475-1-16 12/15/21
DOORS	ROLL-UP	JANUS INTERNATIONAL GROUP, LLC. SERIES 750	FL1450-10-R11 10/17/23
DOORS	ROLL-UP	JANUS INTERNATIONAL GROUP, LLC. SERIES 3100	FL1785-5-46 10/17/20
DOORS	SWINGING	ELIMIN DOOR AND METAL COMPANY SERIES 407	FL1796-5-48 12/16/23
WINDOWS	SINGLE HUNG	KIRINO, INC. 9750 SH	FL1993-4-19 11/01/23
WINDOWS	VERTICAL SLIDING	KIRINO, INC. 1800CHVS	FL993-8-419 11/01/23

DIGITAL CERTIFICATION NOTES:  
1. THIS DOCUMENT HAS BEEN DIGITALLY SIGNED AND SHALL REMAIN IN DIGITAL FORMAT. SHALL BE VERIFIED BY ELECTRONIC MEANS & PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED.  
2. THIS DOCUMENT HAS BEEN CREATED BY FLORIDA ENGINEERING LLC FOR TUBULAR BUILDING SYSTEMS. ONLY IT SHALL BE THE RESPONSIBILITY OF FLORIDA ENGINEERING LLC TO OBTAIN THE NECESSARY PERMITS AND APPROVALS FROM THE FLORIDA DEPARTMENT OF REVENUE AND THE FLORIDA DEPARTMENT OF REVENUE.  
3. ALTERATIONS, ADDITIONS OR OTHER MARKINGS TO THIS DOCUMENT ARE NOT PERMITTED AND INVALIDATE FLORIDA ENGINEERING LLC'S CERTIFICATION.  
4. THESE PLANS ARE GENERAL AND DO NOT PROVIDE INFORMATION FOR A SITE SPECIFIC PROJECT WHERE THE SITE CONDITIONS DEVIATE FROM WHAT HAS BEEN CALLED OUT IN THESE PLANS.  
5. CONTRACTOR MUST NOT DEVIATE FROM THE CONDITIONS DETAIL ON THESE PLANS.  
6. CONSTRUCTION SAFETY AT THE SITE IS THE CONTRACTOR'S RESPONSIBILITY.

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**FLORIDA ENGINEERING LLC**  
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PORT CHARLOTTE, FLORIDA 33952  
(941) 391-5980  
FLEng.com  
Orders@FLEng.com

PROJECT NO. 2322771-30-E

CA CERT. #30782

CONTRACTOR:

**TUBULAR BUILDING SYSTEMS**  
631 SE INDUSTRIAL CIRCLE,  
LAKE CITY, FL 32025

PROJECT DESCRIPTION:

30' WIDE X 20' HIGH  
ENCLOSED STRUCTURE

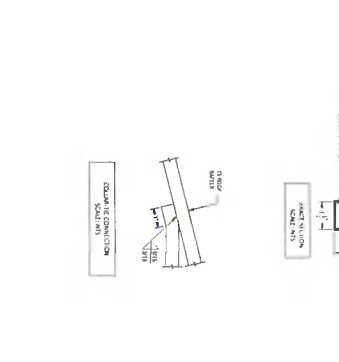
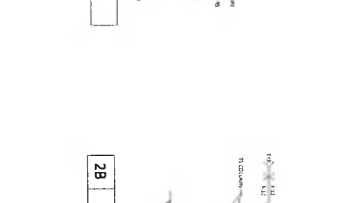
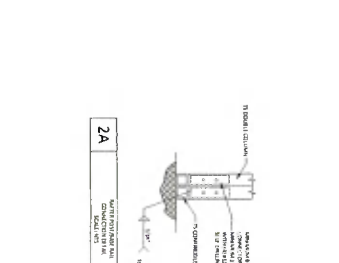
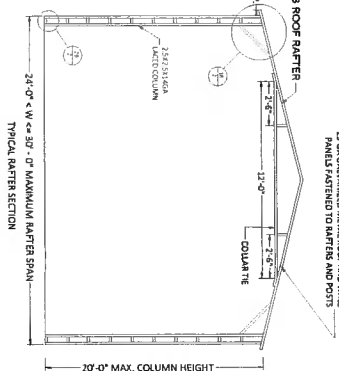
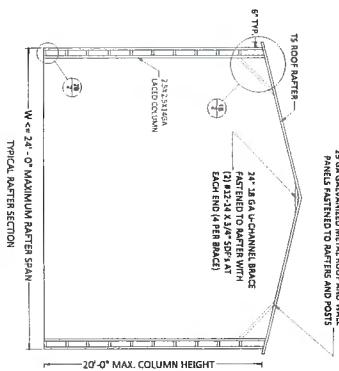
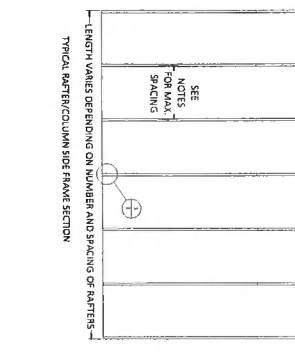
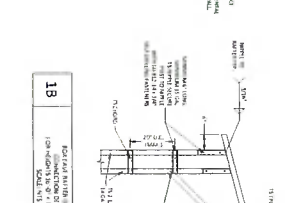
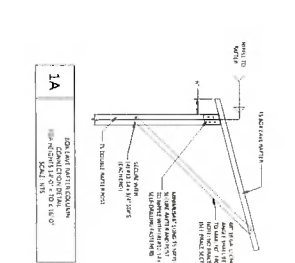
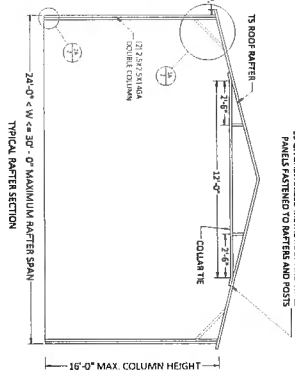
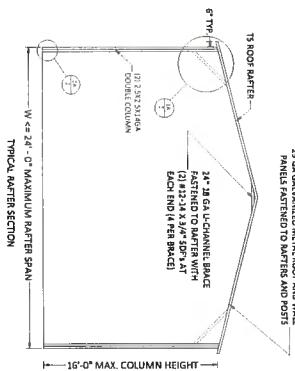
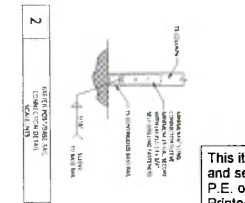
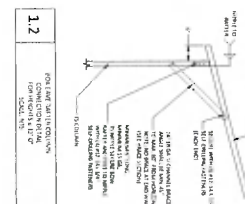
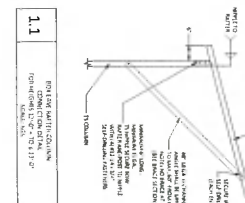
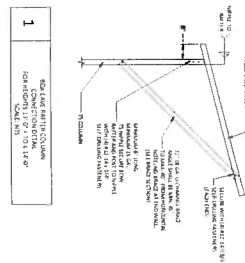
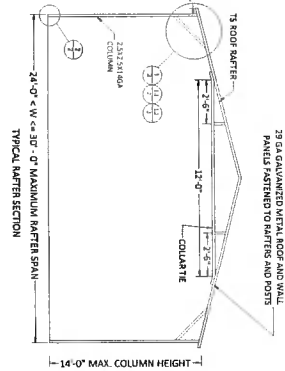
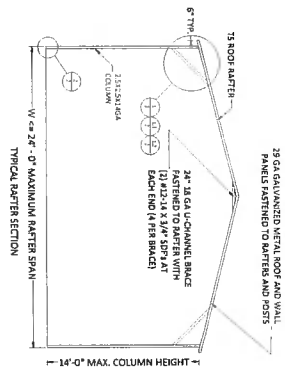
DESIGN DATE: 12/14/2023

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PROJECT NO. 2322771-30-E

CA CERT. #30782

CONTRACTOR:

**TUBULAR BUILDING SYSTEMS**  
631 SE INDUSTRIAL CIRCLE,  
LAKE CITY, FL 32025

PROJECT DESCRIPTION:

**30' WIDE X 20' HIGH  
ENCLOSED STRUCTURE**

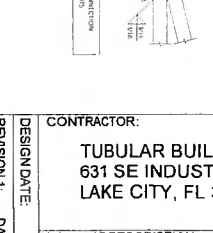
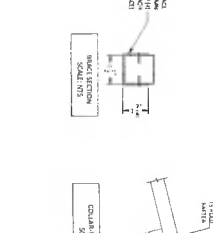
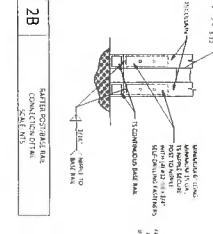
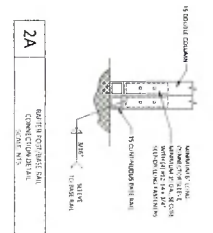
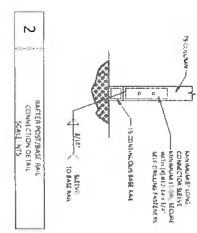
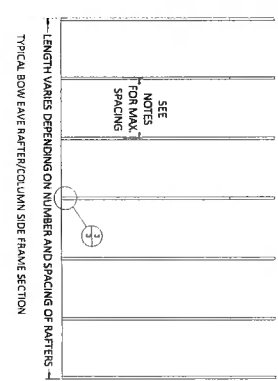
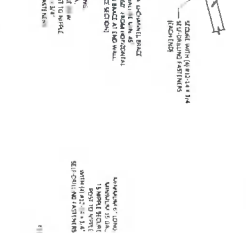
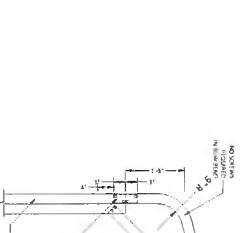
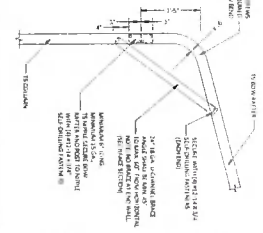
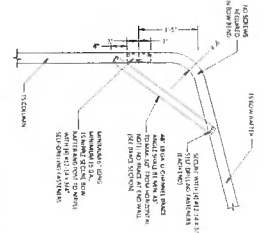
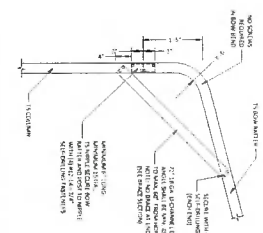
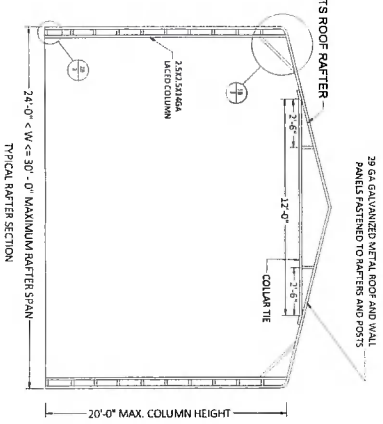
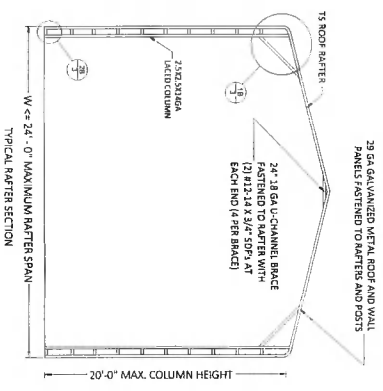
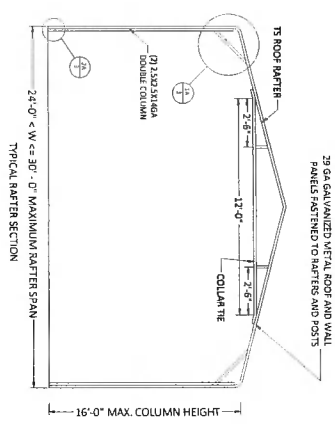
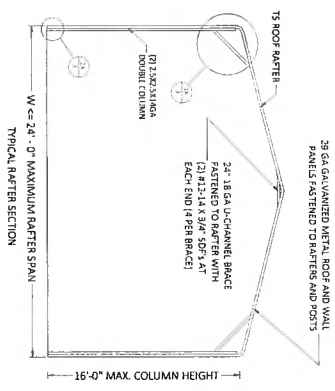
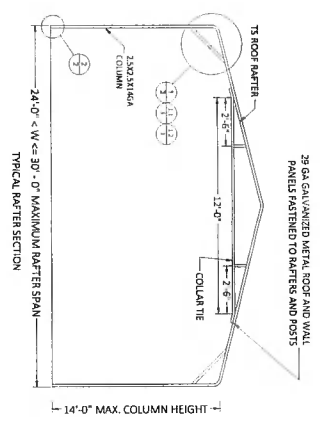
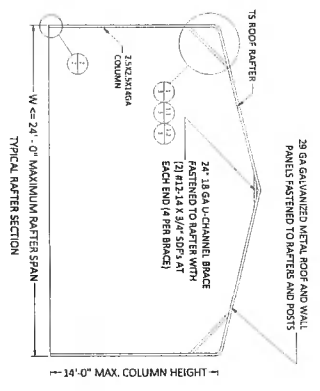
DESIGN DATE: 12/14/2023

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2



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PORT CHARLOTTE, FLORIDA 33952  
(941) 391-5980  
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PROJECT NO. 2322771-30-E

CA CERT. #30782

CONTRACTOR:  
**TUBULAR BUILDING SYSTEMS**  
631 SE INDUSTRIAL CIRCLE,  
LAKE CITY, FL 32025

PROJECT DESCRIPTION:  
**30' WIDE X 20' HIGH  
ENCLOSED STRUCTURE**

DESIGN DATE: 12/14/2023  
REVISION 1: DATE  
REVISION 2: DATE  
SCALE: NTS  
PAGE: 3

# BASE RAIL ANCHORAGE OPTIONS FOR LOW AND HIGH WIND SPEED

## GENERAL NOTES

### CONCRETE

1. CONCRETE SHALL HAVE A MINIMUM SPECIFIED COMPRESSIVE STRENGTH OF 3000 PSI AT 28 DAYS.
2. PRIOR TO PLACING CONCRETE, TREAT THE ENTIRE SUBSURFACE AREA FOR TENDENCY IN COMPLIANCE WITH THE FRC.
3. MINIMUM SOIL BEARING CAPACITY OF COMPACTED GRADES- 2000 PSF

### COVER 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 RAIN OR WEATHER, OTHERWISE 1-1/2 INCHES.

### REINFORCING STEEL

THE TURNDOWN, REINFORCING STEEL, SHALL BE ASTM A615 GRADE 60. THE SLAB REINFORCEMENT SHALL BE WELDED WIRE FABRIC MEETING ASTM A185 OR EQUIVALENT FIBER REINFORCEMENT.

### REINFORCEMENT MAY BE SET IN THE FIELD OR SHOP AS LONG AS:

1. IT IS BENT COOL.
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 8 TIMES THE BAR DIAMETER.
4. MINIMUM REQUIRED LAP LENGTH SHALL NOT BE LESS THAN 57 BAR DIAMETERS.

## HELIX ANCHOR NOTES

1. FOR VERY DENSE AND/OR CEMENTED SANDS, COARSE GRAVEL AND COBBLES, CALCIE, PRELOADED SILTS AND CLAYS USE MINIMUM (2) 4" HELICES WITH MINIMUM 30 INCH EMBEDMENT.
2. FOR COAL USE MINIMUM (2) 4" HELICES WITH MINIMUM 30 INCH EMBEDMENT.
3. FOR MEDIUM DENSE COARSE SANDS, SANDY GRAVELS, VERY STIFF SILTS AND CLAYS USE MINIMUM (2) 4" HELICES WITH MINIMUM 30 INCH EMBEDMENT.
4. FOR LOOSE TO MEDIUM DENSE COARSE SANDS, FIRM TO STIFF CLAYS AND SILTS, ALLUVAL FILL USE MINIMUM (2) 8" HELICES WITH MINIMUM 30 INCH EMBEDMENT.
5. FOR VERY LOOSE TO MEDIUM DENSE SANDS, FIRM TO STIFFEN CLAYS AND SILTS, ALLUVAL FILL USE MINIMUM (2) 8" HELICES WITH MINIMUM 30 INCH EMBEDMENT.

INSTALL 1/2" x 6 3/4" EXPANSION ANCHOR THROUGH BASE RAIL WITHIN 8" OF EACH POST

ANCHOR EDGE DISTANCE = 4"

1" x 12" FOR NON-AMBIENT 1" IN 1" x 12" FOR AMBIENT 1" IN

MONOLITHIC CONC. FOOTING (3000 PSI MIN.) REINFORCED WITH (2) #5 CONTINUOUS

3A1 CONCRETE MONOLITHIC SLAB BASE RAIL ANCHORAGE SCALE: NTS

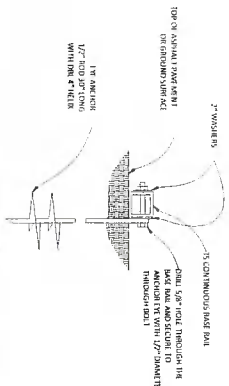
1/2" CAST-IN ANCHORS ASTM F1554 GR 36 MIN. EDGE DISTANCE = 1.5"

WIND SPEED	WALL THICKNESS	MIN. ANCHOR EMBEDMENT
UP TO 100 MPH	16" TO 20"	5.00"
101 TO 120 MPH	16" TO 20"	5.00"
121 TO 140 MPH	16" TO 20"	5.00"
141 TO 160 MPH	16" TO 20"	5.00"
161 TO 180 MPH	16" TO 20"	5.00"
181 TO 200 MPH	16" TO 20"	5.00"
201 TO 220 MPH	16" TO 20"	5.00"
221 TO 240 MPH	16" TO 20"	5.00"
241 TO 260 MPH	16" TO 20"	5.00"
261 TO 280 MPH	16" TO 20"	5.00"
281 TO 300 MPH	16" TO 20"	5.00"

1" x 12" FOR NON-AMBIENT 1" IN 1" x 12" FOR AMBIENT 1" IN

MONOLITHIC CONC. FOOTING (3000 PSI MIN.) REINFORCED WITH (2) #5 CONTINUOUS

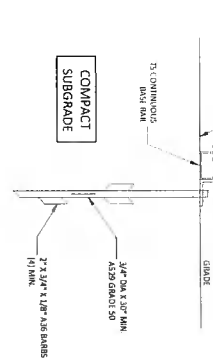
3A2 CONCRETE MONOLITHIC SLAB BASE RAIL ANCHORAGE SCALE: NTS



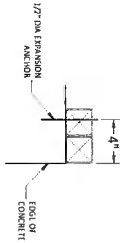
3B GROUND BASE HELIX ANCHORAGE SCALE: NTS

TOP 1/2" EXPANSION ANCHOR 1" x 12" FOR NON-AMBIENT 1" IN 1" x 12" FOR AMBIENT 1" IN

COMPACT SUBGRADE



3C ASPHALT BASE ANCHORAGE (1/2" BARBED DRIVE ANCHOR) SCALE: NTS



3D TYPICAL ANCHOR DETAIL WHEN BASE RAIL IS NEAR EDGE OF CONCRETE SCALE: NTS

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PROJECT NO. 2322771-30-E

CA CERT. #30782

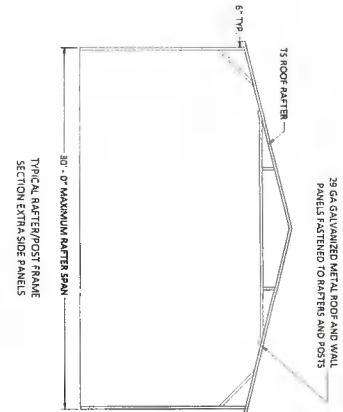
CONTRACTOR:  
TUBULAR BUILDING SYSTEMS  
631 SE INDUSTRIAL CIRCLE,  
LAKE CITY, FL 32025

PROJECT DESCRIPTION:  
30' WIDE X 20' HIGH  
ENCLOSED STRUCTURE

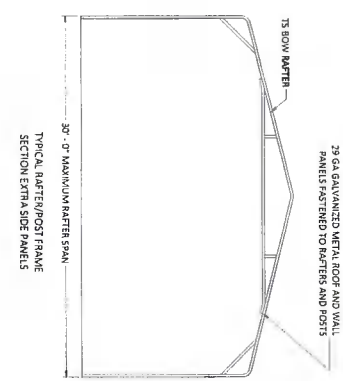
DESIGN DATE: 12/14/2023  
REVISION 1: DATE  
REVISION 2: DATE  
SCALE: NTS  
PAGE: 4



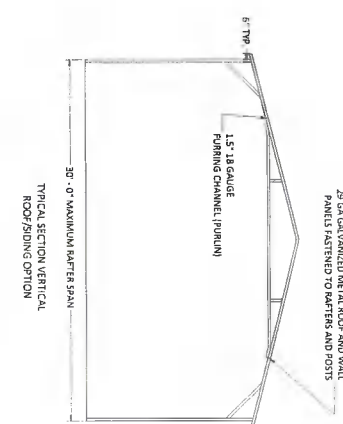
BOX EAVE RAFTER-HORIZONTAL SIDE PANEL OPTION



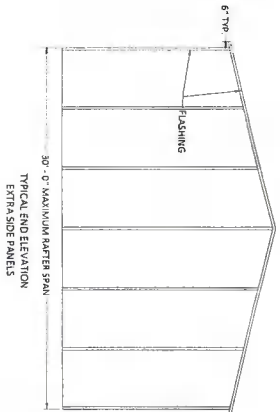
BOX RAFTER GABLE END OPTION



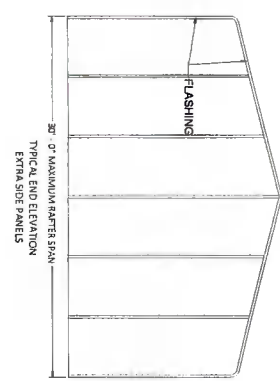
BOX EAVE RAFTER VERTICAL ROOF OPTION



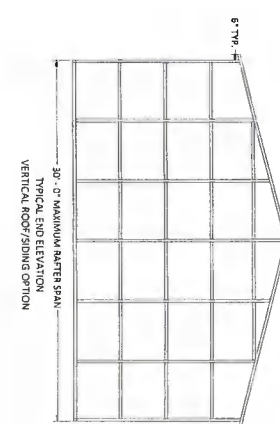
TYPICAL RAFTER/POST FRAME SECTION EXTRA SIDE PANELS



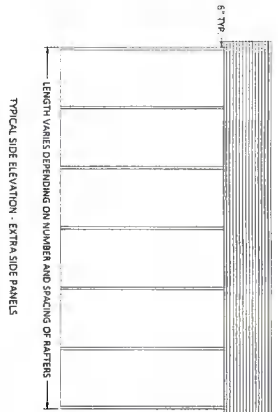
TYPICAL END ELEVATION EXTRA SIDE PANELS



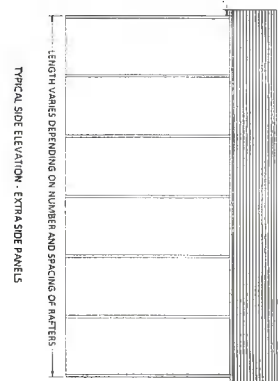
TYPICAL END ELEVATION VERTICAL ROOF/SIDING OPTION



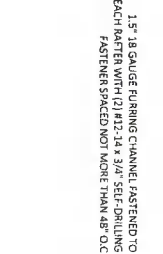
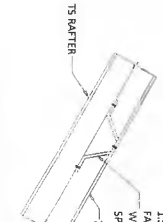
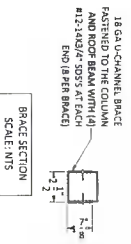
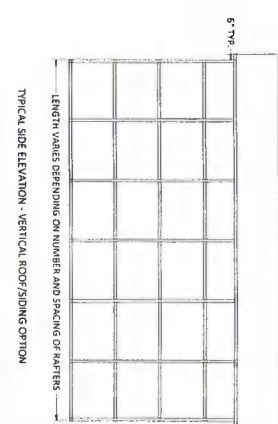
TYPICAL SIDE ELEVATION - EXTRA SIDE PANELS



TYPICAL SIDE ELEVATION - EXTRA SIDE PANELS



TYPICAL SIDE ELEVATION - VERTICAL ROOF/SIDING OPTION



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PROJECT NO. 2322771-30-E

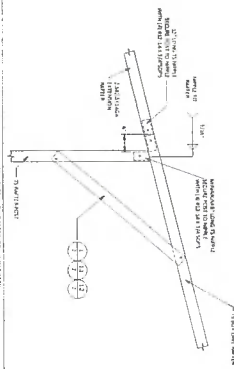
CA CERT. #30782

CONTRACTOR:  
**TUBULAR BUILDING SYSTEMS**  
 631 SE INDUSTRIAL CIRCLE,  
 LAKE CITY, FL 32025

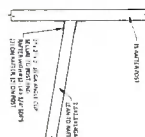
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 30' WIDE X 20' HIGH  
 ENCLOSED STRUCTURE

DESIGN DATE: 12/14/2023  
 REVISION 1: DATE  
 REVISION 2: DATE  
 SCALE: NTS

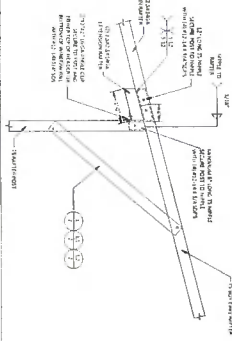
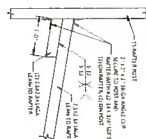
TYPICAL BOW RAFTER LEAN-TO OPTIONS FRAMING SECTION



FOR INFORMATION OF THE SENATE, THE SENATE COMMITTEE ON THE JUDICIARY HAS CONSIDERED THE REPORT OF THE SENATE JUDICIARY COMMITTEE ON THE JUDICIARY, AND HAS ADVISED THE SENATE OF ITS ACTION THEREON.

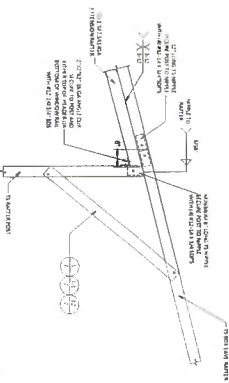
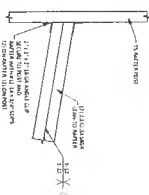
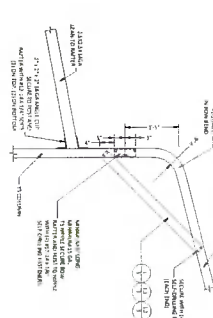
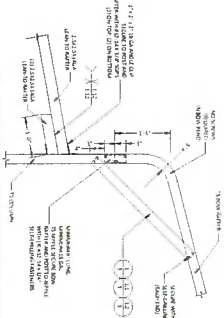


6A

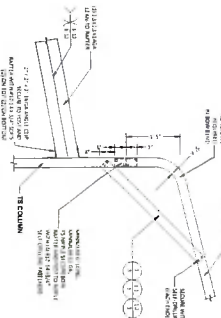
[illegible]

1. On 10/10/00, the following coordinates were used for the location of the study area:

Point	Latitude	Longitude
1	10° 10' 10" N	75° 00' 00" W
2	10° 10' 10" N	75° 00' 00" W
3	10° 10' 10" N	75° 00' 00" W
4	10° 10' 10" N	75° 00' 00" W
5	10° 10' 10" N	75° 00' 00" W
6	10° 10' 10" N	75° 00' 00" W
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88	10° 10' 10" N	75° 00' 00" W
89	10° 10' 10" N	75° 00' 00" W
90	10° 10' 10" N	75° 00' 0

[illegible][illegible][illegible]

FOR THE NATIONAL SPACE SCIENCE BOARD OF THE WHITE HOUSE  
SCIENCE ADVISORY BOARD



7C

FOR INFORMATION ON THE STATUS OF THE CASE, CONTACT THE NEW YORK STATE DEPARTMENT OF CORRECTIONS, 91 WEST STREET, ALBANY, NY 12242. TEL: 518/462-2200. FAX: 518/462-2201. WWW: WWW.CORRECTIONS.STATE.NY.US

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Date: 2024.01.16 10:25:58-0500

PROJECT DESCRIPTION:

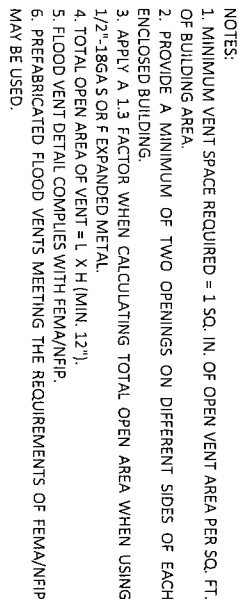
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ENCLOSED STRUCTURE

PROJECT NO. 2322771-30-E

CA CERT. #30782

DESIGN DATE:	12/14/2023	
REVISION 1:	DATE	PAGE
REVISION 2:	DATE	
SCALE:	NTS	6





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# GENERAL NOTES

CONCRETE MONOLITHIC SLAB DESIGN IS BASED ON A MINIMUM SOIL BEARING CAPACITY OF 1500 PSF.

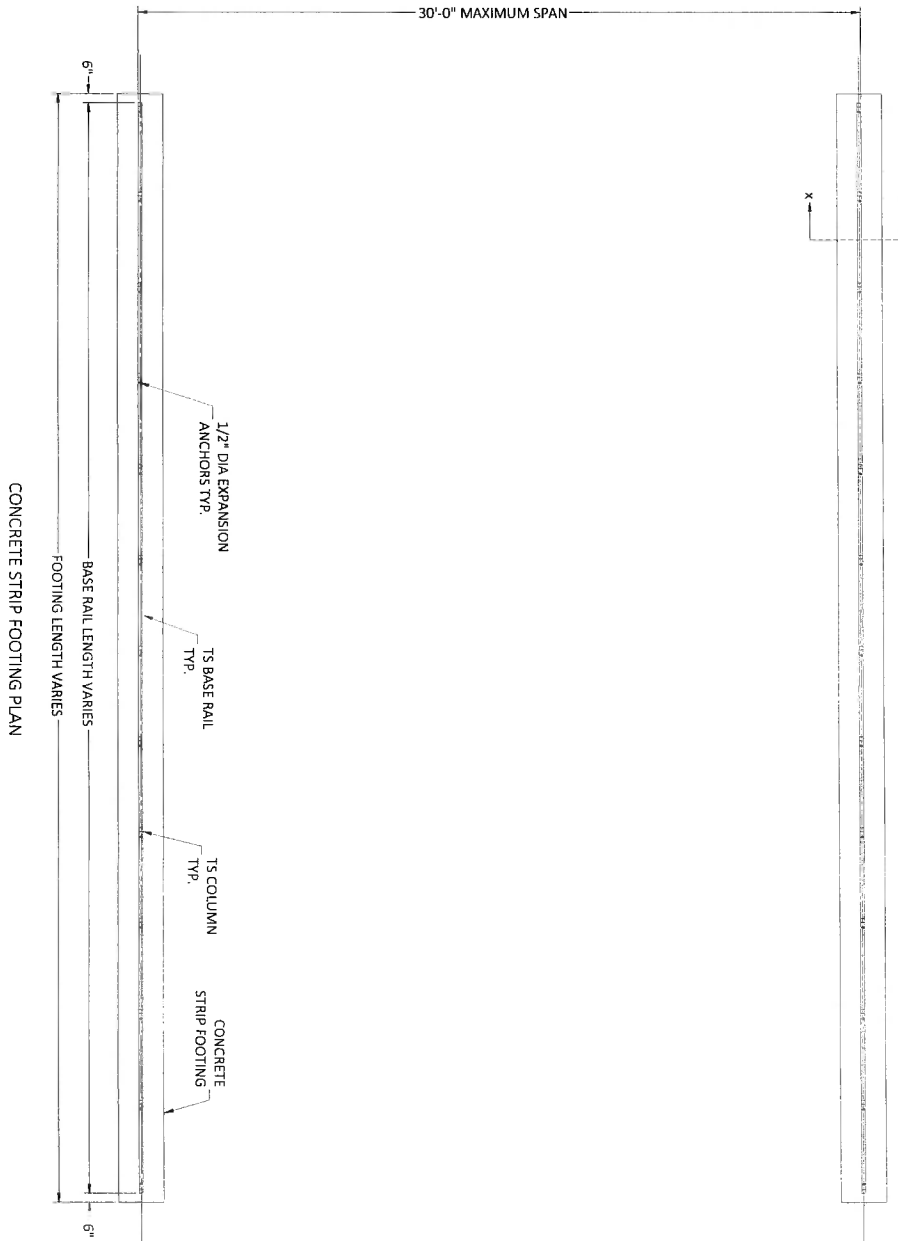
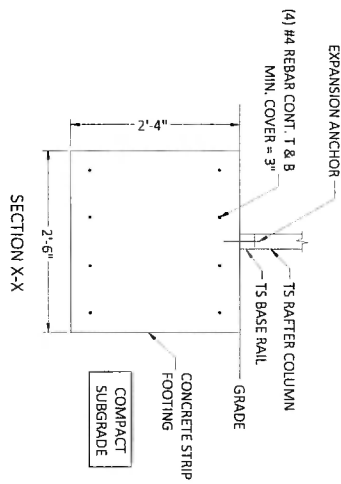
## CONCRETE

MINIMUM 28-DAY SPECIFIED COMPRESSIVE STRENGTH = 3000 PSI

## REINFORCING STEEL

1. TURNDOWN REINFORCING STEEL = ASTM A615 GRADE 60
2. SLAB REINFORCEMENT = WELDED WIRE FABRIC PER ASTM A185 OR FIBERGLASS FIBER REINFORCEMENT
3. REINFORCING STEEL COVER = 3" WHERE CASE AGAINST AND PERMANENTLY EXPOSED TO SOIL OR WATER, 1.5" EVERYWHERE ELSE.
4. REINFORCEMENT IS BENT COLD.
5. MINIMUM INSIDE DIAMETER OF BEND = (6) BAR DIAMETERS
6. REINFORCEMENT PARTIALLY EMBEDDED IN CONCRETE SHALL NOT BE FIELD BENT.

## OPTIONAL CONCRETE STRIP FOOTING



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### CONTRACTOR:

TUBULAR BUILDING SYSTEMS  
631 SE INDUSTRIAL CIRCLE,  
LAKE CITY, FL 32025

### PROJECT DESCRIPTION:

30' WIDE X 20' HIGH  
ENCLOSED STRUCTURE



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