

PRINT

CLEAR



**Marion County
Board of County Commissioners**

Building Safety

2710 E. Silver Springs Blvd.
Ocala, FL 34470
Phone: 352-438-2400

EMERGENCY PERMIT
"Requires Building Official's Approval"
Tue 6/25/2024 2:49 PM

PERMIT # ~~82208888~~ 2024-06-4201

Date 6/27/24 Code FBC 8th ED
 ARN 131614 Rep JCVICIO Residential Commercial

Parcel ID 3578-017-030 Project # / Related Permit / Code Case _____
 10320 Sw 42nd Ave, Ocala

Project Address _____
30 17 27 16 21 Ocala Waterway Estate
 Lot Blk Unit Sec Twp Rge Subdivision / MH Park

Property Owner Ocala Freedom Investments LLC
 Address 1911 Morning Dr, Orlando FL 32837

Phone 407-223-2109 E-mail: ordonezconstruction@adanordonezp.com

- | | | |
|---|---|--|
| <input checked="" type="checkbox"/> Accessory Structure | <input type="checkbox"/> Electric | <input type="checkbox"/> Residential (Add. / Alt.) |
| <input type="checkbox"/> Aluminum | <input type="checkbox"/> Fence / Wall | <input type="checkbox"/> Re- Roof |
| <input type="checkbox"/> Above Ground Pool | <input type="checkbox"/> Exterior Door / Window | <input type="checkbox"/> Solar |
| <input type="checkbox"/> Commercial (New) | <input type="checkbox"/> Fire | <input type="checkbox"/> Swimming Pool / Spa |
| <input type="checkbox"/> Commercial (Add. / Alt.) | <input type="checkbox"/> Mechanical / Gas / HVAC | <input type="checkbox"/> Tent / Temp Use |
| <input type="checkbox"/> Concrete | <input type="checkbox"/> Mobile Home | <input type="checkbox"/> Waterfront Structure |
| <input type="checkbox"/> Demolition | <input type="checkbox"/> Plumbing | <input type="checkbox"/> Window /Exterior Door |
| <input type="checkbox"/> DCA - Modular Building | <input checked="" type="checkbox"/> Residential (New) | <input type="checkbox"/> Other: _____ |

Description of Work PRE- MANUFACTURED METAL BUILDING

Cost of Construction \$ 16,000

Product Approval Numbers Approved Master File

Was This Building Damaged by Fire, Flood, or Other? Yes No Damage Assessment Report # _____

BUILDING: New sqft _____ Added sqft _____ Alteration/Renovation sqft _____ Temp Power Pole? Yes No
 Stories N/A Bedrooms N/A Bathrooms N/A Under A/C _____ sqft No A/C _____ sqft
 Water: Existing Well New Well Replacement Well Central Water Irrigation: Yes No Existing

CONTRACTOR'S Business Name BEST BETAL BUILDING LLC

Contractor's Name Tommy Belton State Lic CBC1265438 County Cert _____

Address 484 Nw Turner Ave, Lake City FL 32055

Contact Phone 386-7542177 E-mail contact@bestmetalbldgs.com

SUBCONTRACTORS:	Qualifier Name	County Cert #	State License #	E-mail
MECHANICAL	<u>Gabriel Mantecon</u>	<u>21005</u>	<u>CAC1817928</u>	<u>gemdb@icloud.com</u>
ELECTRIC	<u>Ivan Torres</u>		<u>EC0002434</u>	<u>alfredogoicolea1994@gmail.com</u>
PLUMBING	<u>Jhon Calero</u>	<u>20337</u>	<u>CFC1427311</u>	<u>hplumbing@gmail.com</u>
GAS				
ROOFING	<u>Adan Ordonez</u>		<u>CCC1335054</u>	<u>ordonezconstruction@adanordonezp.com</u>
IRRIGATION				
OTHER				

PLEASE SIGN BELOW

Application is hereby made to obtain a permit to do the work and installations as indicated. All work will be performed in accordance with the standards of all laws and ordinances regulating construction in Marion County, Florida, whether specified herein or not. I understand that subcontractors may be required to perform certain work under this permit. I further certify that I have read and examined this application and know the same to be correct, that all work shall be in compliance with all applicable laws regulating construction and zoning, and that the building permit may be revoked in the case of a false statement or misrepresentation in the application and/or plans on which the permit was approved.

It shall also be agreed that the owner has been advised of and understands the applicability of the Construction Lien Law (FSS 713.135) and that Impact Fees shall be determined with the application for a building permit and shall be due before Final Inspection. Permit Fees shall be payable at issuance of a building permit.

WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. A NOTICE OF COMMENCEMENT MUST BE RECORDED AND POSTED ON THE JOB SITE BEFORE THE FIRST INSPECTION.

IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR AN ATTORNEY BEFORE COMMENCING WORK OR RECORDING YOUR NOTICE OF COMMENCEMENT.

Owner's Signature [Signature]
Print Name ADAN ORDONEZ

Contractor's Signature [Signature]
Print Name Tommy Belton

Date: _____

OR
Authorized Agent's Signature _____
Print Name _____

Date: _____

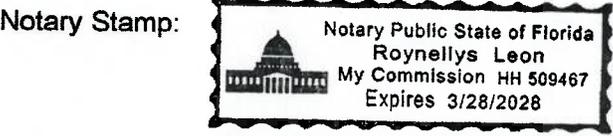
STATE OF FLORIDA, COUNTY OF MARION

Sworn to (or affirmed) and subscribed before me by means of physical presence or online notarization,

this 25 day of June 2024

By Adan Ordenez
 Personally Known or Produced Identification
ID: FDL

Notary Signature: [Signature]



STATE OF FLORIDA, COUNTY OF MARION

Sworn to (or affirmed) and subscribed before me by means of physical presence or online notarization, this 25th day of June 2024

By Tommy Belton
 Personally Known or Produced Identification
ID: FDL

Notary Signature [Signature]



Pursuant to Florida Statute 713.135(7) all signatures must be notarized



**Marion County
Board of County Commissioners**

Building Safety

2710 E. Silver Springs Blvd.
Ocala, FL 34470
Phone: 352-438-2400

Construction Lien Law Affidavit

I/We will make all necessary attempts to provide a copy of the Construction Lien Law, Florida Statute Chapter 713, to the property owners(s) of the real property to which improvements are to be constructed.

Parcel ID: 3578-017-030

10320 Sw 42nd Ave, Ocala

Project Address

<u>30</u>	<u>17</u>	<u>27</u>	<u>16</u>	<u>21</u>	<u>Ocala Waterway Estate</u>
<u>Lot</u>	<u>Blk</u>	<u>Unit</u>	<u>Sec</u>	<u>Twp</u>	<u>Rge</u>
					<u>Subdivision / MH Park</u>

Property Owner Ocala Freedom Investments LLC

Form shall be signed by only ONE of the following individuals:

Owner's Signature: [Signature]

Contractor's Signature: [Signature]

Print Name: ADAN ORDONEZ

Print Name: Tommy Belton

DATE: 06/25/24

DATE: 06/25/24

or

Authorized Agent's Signature: _____

Print Name: _____

DATE: _____

PRINT

APPLICABLE CODES
1. 2023 FLORIDA BUILDING CODE

- APPLICABLE STANDARDS**
- ASCE 7-22: MINIMUM DESIGN LOADS ON BUILDINGS AND OTHER STRUCTURES
 - AISC STEEL CONSTRUCTION MANUAL (17TH EDITION)
 - ACI 318-19: BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE
 - TMS 402-16: BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES
 - AWS D1.1: STRUCTURAL WELDING

- DESIGN LOADS**
- DEAD LOAD = 1.5 PSF
 - ROOF LIVE LOAD = 12 PSF
 - WIND LOAD
 - RISK CATEGORY = II
 - WIND EXPOSURE CATEGORY = C
 - ULTIMATE WIND SPEED = 130 MPH
NOMINAL WIND SPEED = 102 MPH

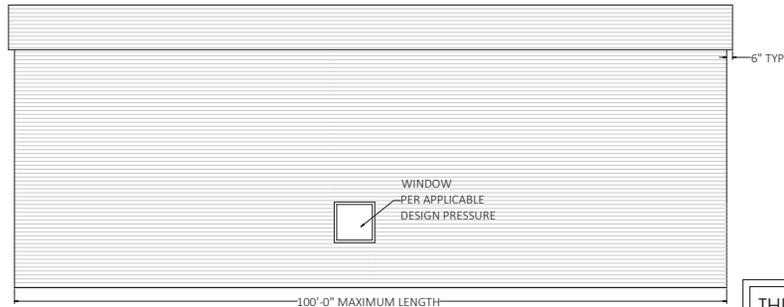
INSTALLATION NOTES AND SPECIFICATIONS

- THESE PLANS BELONG EXCLUSIVELY TO THE STRUCTURE, INCLUDING MAIN WIND FORCE RESISTING SYSTEM (MWFRS), COMPONENTS AND CLADDING (C&C), AND BASE RAIL ANCHORAGE. OTHER DESIGN ISSUES, INCLUDING BUT NOT LIMITED TO PROPERTY SET-BACKS, ELECTRICAL, PLUMBING, INGRESS/EGRESS, FINISH FLOOR SLOPES AND ELEVATIONS, OR OTHER LOCAL ZONING REQUIREMENTS ARE THE LIABILITY OF OTHERS.
- THESE STRUCTURES ARE ENGINEERED AS CAPABLE OF SUPPORTING DEAD LOAD OF THE STRUCTURE AND LIVE AND WIND LOADS. UPGRADES NOT SPECIFICALLY ADDRESSED HEREIN, SUCH AS WINDOWS, DOORS, OR ANOTHER COMPONENT NOT LISTED IN THE BUILDING CODE APPROVED PRODUCT LIST, AND NOT PROVIDED AND INSTALLED BY THE CONTRACTOR, WHICH CAUSE ADDITIONAL LOADS ON THE STRUCTURE SHALL BE AT THE OWNER'S RISK. THE ENGINEER SHALL NOT BE RESPONSIBLE FOR FAILURE OR STRUCTURAL DAMAGE DUE TO THE EXTRA LOAD.
- ALL STEEL TUBING SHALL BE 50 KSI GALVANIZED STEEL WITH MINIMUM YIELD STRENGTH OF 54 KSI. ALL FASTENERS SHALL BE ZINC COATED HARDWARE.
- END WALL COLUMNS (POST) AND SIDE WALL COLUMNS ARE EQUIVALENT IN SIZE AND SPACING U.N.O.
- SPECIFICATIONS APPLICABLE TO 29 GA METAL PANELS FASTENED DIRECTLY TO 2.5"x2.5"x14 GA/2.5"x2.5"x12GA TUBE STEEL (TS) FRAMING MEMBERS FOR VERTICAL PANELS. 29 GA METAL PANELS SHALL BE FASTENED DIRECTLY TO 18 GA HAT CHANNELS U.N.O.
- AVERAGE FASTENER SPACING ON-CENTERS ALONG RAFTERS OR PURLINS, AND POSTS, INTERIOR = 9" AND END = 6" MAX.
- FASTENERS CONSIST OF #12-14x3/4" SELF-DRILLING SCREWS (SDS), USE CONTROL SEAL WASHER WITH EXTERIOR FASTENERS. SPECIFICATIONS 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 AND/OR 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) CONSIST OF #4 REBARS WITH WELDED NUT X 36" LONG AND MAY BE USED IN SUITABLE SOILS. OPTIONAL ANCHORAGE MAY BE USED IN SUITABLE SOILS AND MUST BE USED IN UNSUITABLE SOILS AS NOTED. SOIL NAILS MAY BE USED FOR WIND SPEEDS LESS THAN OR EQUAL TO 145 MPH.
- MAXIMUM RAFTER SPACING IS 5'-0"
 - FOR WIND SPEEDS BETWEEN 110 MPH AND 140 MPH
 - FOR BUILDING SPAN LESS THAN 50'-0"
- MAXIMUM RAFTER SPACING IS 4'-0"
 - FOR WIND SPEEDS BETWEEN 141 MPH AND 170 MPH
 - FOR BUILDING SPAN GREATER THAN OR EQUAL TO 50'-0"
- WIND FORCES GOVERN OVER SEISMIC FORCES. SEISMIC PARAMETERS ANALYZED ARE:
SOIL SITE CLASS = D
RISK CATEGORY II
R = 3.25 Ie = 1.0 Sds = 0.075 g V = CsW Sd1 = 0.051 g

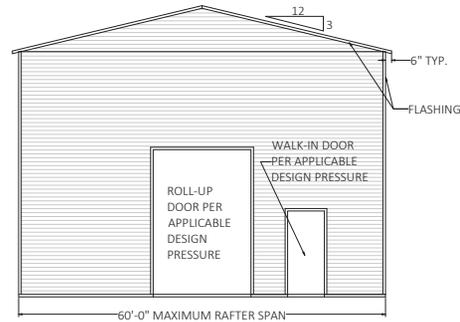
DRAWING INDEX

PAGE NO.	DESCRIPTION
1	TITLE PAGE WITH INDEX
2	TRUSS DESIGN FOR RAFTER SPAN
3	CONNECTION DETAILS (1-2)
4	BASE RAIL AND FOUNDATION ANCHORAGE
5	RAFTER END WALL, SIDE WALL AND OPENING FRAMING
6	CONNECTION DETAILS (4-16)
7	BOX EAVE RAFTER LEAN-TO OPTIONS
8	CONNECTION DETAILS (18-20)
9	BOX EAVE RAFTER VERTICAL ROOF/SIDING OPTION
10	OPTIONAL HELICAL ANCHORING ON GRADE DETAIL

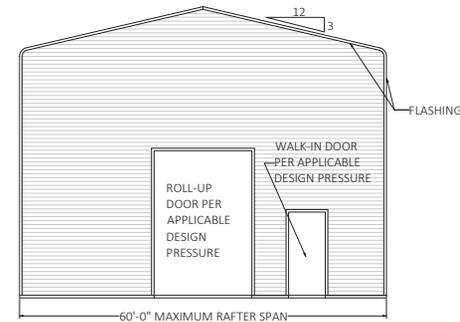
ENCLOSED METAL BUILDING DESIGN
MAXIMUM 60'-0" WIDE X 100'-0" LONG X 20'-0" HIGH (EAVE)
BOX EAVE FRAME / BOW EAVE FRAME



TYPICAL SIDE ELEVATION - HORIZONTAL ROOF



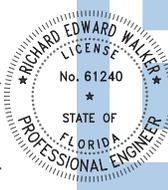
TYPICAL END ELEVATION - BOX EAVE



TYPICAL END ELEVATION - BOW EAVE

THE ENGINEERING ON THESE PLANS IS SITE SPECIFIC FOR (1) STRUCTURE ONLY AT THE PROVIDED ADDRESS(ES).

This item has been digitally signed and sealed by Richard E. Walker, P.E. on the date adjacent to the seal. Printed copies of this document are not considered signed and sealed and the signatures have not been verified on any electronic copies.



Digitally signed by Richard E Walker
Date: 2024.06.13 14:46:47-04'00'

FLORIDA ENGINEERING LLC
4161 TAMiami TRAIL, UNIT 101
PORT CHARLOTTE, FLORIDA 33952
(941) 391-5980
FLEng.com
Orders@FLEng.com



LICENSE #30782

PROJECT NO. 2416352-2

2024-06-4201

STRUCTURAL APPROVAL
BY REX D. BROWN
PX4054
MARION COUNTY PLANS EXAMINER
(SEAL VERIFIED BY OTHERS)

CONTRACTOR:
BEST METAL BUILDINGS LLC
484 NW TURNER AVE
LAKE CITY FL 32055

PROJECT ADDRESS:
OCALA FREEDOM INVESTMENTS LLC
10320 SW 42ND ST
OCALA FL 34476

DESIGN DATE: 06/12/2024

REVISION 1: DATE 06/13/2024

REVISION 2: DATE

DRAWN BY: JS

SCALE: NTS

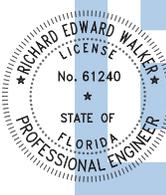
SHEET: 1 OF 10

MEMBER LEGEND:

1. TS COLUMN = 2.5X2.5X14 GA U.N.O.
2. TRUSS MEMBERS = 2.5X2.5X14 GA U.N.O.
3. KNEE-BRACE = 2.5"X2"X18GA CHANNEL
4. PURLIN = 1.125"X18GA HAT CHANNEL
5. TS BRACE = 2.5"X2.5"X14GA TUBE
6. END WALL COLUMN = (2)2.5X2.5X14GA U.N.O.

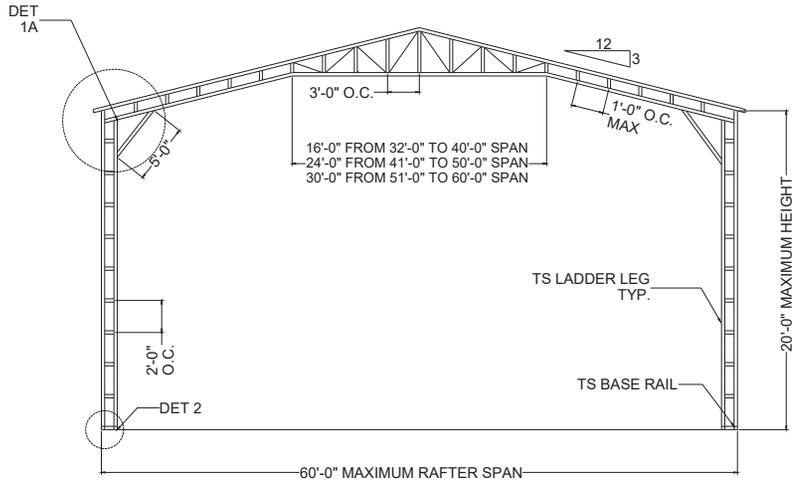
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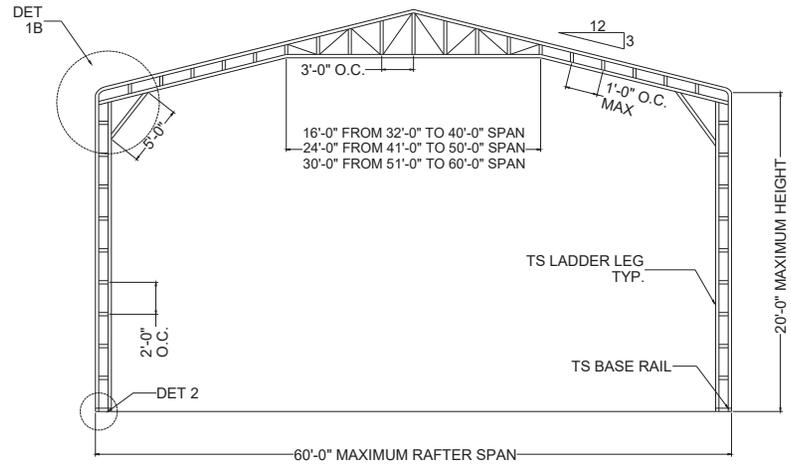


Digitally signed
 by Richard E
 Walker
 Date:
 2024.06.13
 14:46:48-04'00'

TRUSS LAYOUT- BOX EAVE



TRUSS LAYOUT- BOW EAVE



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 10320 SW 42ND ST
 OCALA FL 34476

DESIGN DATE: 06/12/2024

REVISION 1: 06/13/2024

REVISION 2: DATE SHEET:

DRAWN BY: JS

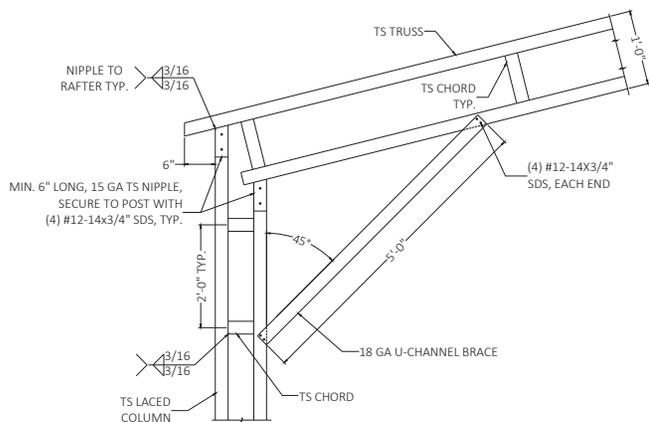
SCALE: NTS 2 OF 10

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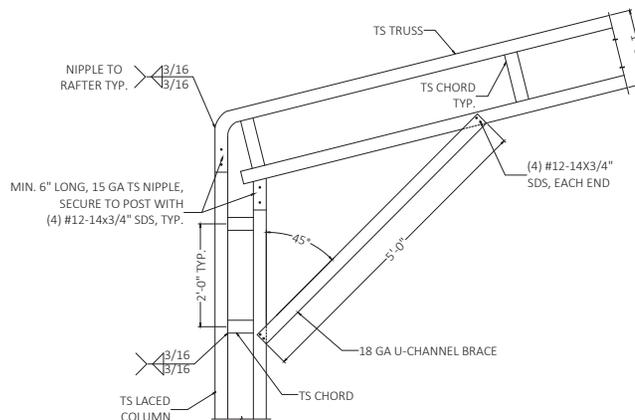
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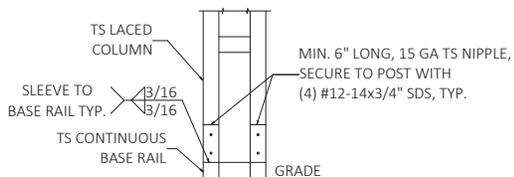
Digitally signed by Richard E Walker
Date: 2024.06.13 14:46:50-04'00'



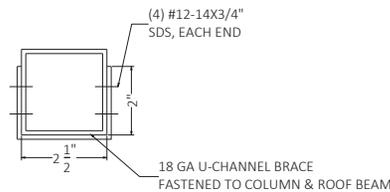
DETAIL 1A
BOX EAVE RAFTER/CORNER POST CONNECTION
60'(MAX.)W X 20'H(MAX.)



DETAIL 1B
BOW EAVE RAFTER/CORNER POST CONNECTION
60'(MAX.)W X 20'H(MAX.)



DETAIL 2
POST/BASE RAIL CONNECTION



BRACE SECTION

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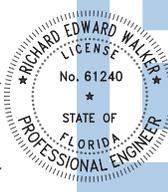
DESIGN DATE: 06/12/2024
REVISION 1: 06/13/2024
REVISION 2: DATE
DRAWN BY: JS
SCALE: NTS

SHEET: 3 OF 10

**STRUCTURAL APPROVAL
BY REX D. BROWN**

**PX4054
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Digitally signed by Richard E Walker
Date: 2024.06.13 14:46:52-04'00'

GENERAL NOTES

CONCRETE MONOLITHIC SLAB DESIGN IS BASED ON A MINIMUM SOIL BEARING CAPACITY OF 2500 PSF.

CONCRETE

MINIMUM 28-DAY SPECIFIED COMPRESSIVE STRENGTH = 3000 PSI

REINFORCING STEEL

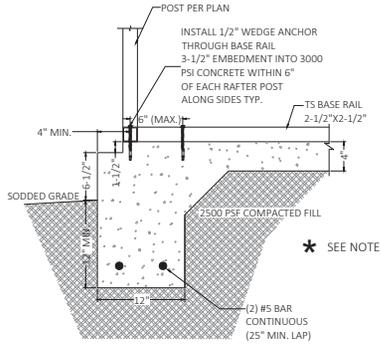
1. TURNDOWN REINFORCING STEEL = ASTM A615 GRADE 60
2. SLAB REINFORCEMENT = WELDED WIRE FABRIC PER ASTM A185 OR FIBERGLASS FIBER REINFORCEMENT
3. REINFORCING STEEL COVER = 3" WHERE CASE AGAINST AND PERMANENTLY EXPOSED TO SOIL OR WATER, 1.5" EVERYWHERE ELSE.
4. REINFORCEMENT IS BENT COLD.
5. MINIMUM INSIDE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

HELIX ANCHOR NOTES

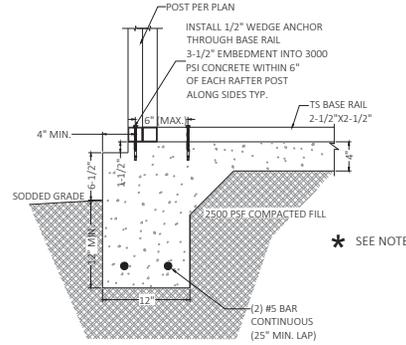
1. FOR VERY DENSE AND/OR CEMENTED SANDS, COARSE GRAVEL AND COBBLES, CALICHE, PRELOADED SILTS AND CLAYS, CORALS, MEDIUM DENSE COARSE SANDS, SANDY GRAVELS, VERY STIFF SILTS AND CLAYS, USE MINIMUM (2) 4" HELICES WITH MINIMUM 30" EMBEDMENT EVERY 10'.
2. FOR MEDIUM TO VERY LOOSE DENSE SANDS, FIRM TO STIFF CLAYS AND SILTS, ALLUVIAL FILL, USE MINIMUM (2) 4" HELICES WITH MINIMUM 30" EMBEDMENT EVERY 5' OR EVERY POST (LEG).
3. THE UPLIFT/BEARING CAPACITY OF EACH ANCHOR MUST BE EQUAL TO OR GREATER THAN 8.5 KIPS.

HP 9 BARBED DRIVE ANCHOR NOTES

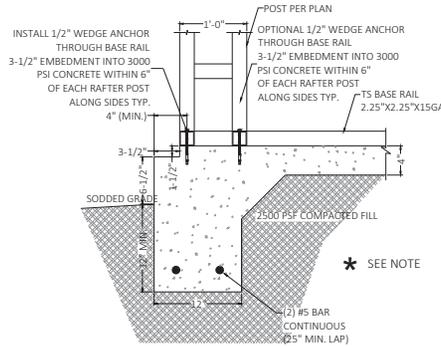
1. ANCHOR TO BE 3/4" DIA (A529 GRADE 50) WITH 30" MIN. EMBEDMENT & (4) MIN. BARBS AS SHOWN IN DETAIL 3C.
2. FOR VERY DENSE AND/OR CEMENTED SANDS, COARSE GRAVEL AND COBBLES, CALICHE, PRELOADED SILTS AND CLAYS, CORALS, MEDIUM DENSE COARSE SANDS, SANDY GRAVELS, VERY STIFF SILTS AND CLAYS, MAXIMUM SPACING TO BE 10'.
2. FOR MEDIUM TO VERY LOOSE DENSE SANDS, FIRM TO STIFF CLAYS AND SILTS, ALLUVIAL FILL, MAX. SPACING TO BE 5' OR EVERY POST (LEG).
3. THE UPLIFT/BEARING CAPACITY OF EACH ANCHOR MUST BE EQUAL TO OR GREATER THAN 8.5 KIPS.



DETAIL 3A-I
CONCRETE MONOLITHIC SLAB BASE RAIL ANCHORAGE

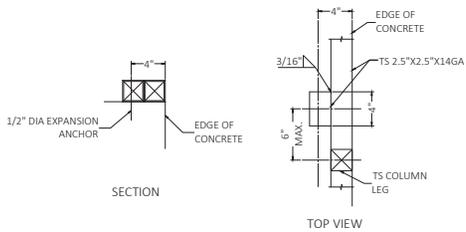


DETAIL 3A-II
CONCRETE MONOLITHIC SLAB BASE RAIL ANCHORAGE

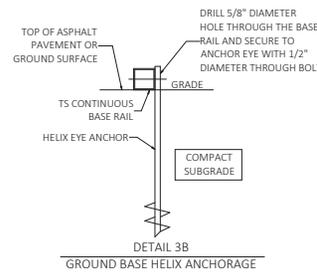


DETAIL 3A-III
CONCRETE MONOLITHIC SLAB BASE RAIL ANCHORAGE

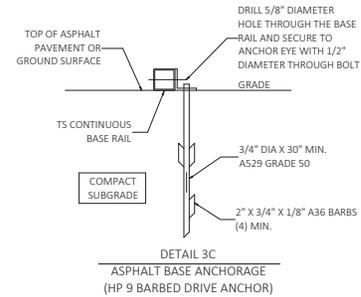
* = COORDINATE WITH LOCAL BUILDING CODE AND/OR BUILDING OFFICIAL REGARDING REQUIRED FOOTING DEPTH BASED ON FROST LINE DEPTH.



TYPICAL ANCHOR DETAIL WHEN BASE RAIL IS NEAR EDGE OF CONCRETE
BASE RAIL ANCHORAGE OPTION



DETAIL 3B
GROUND BASE HELIX ANCHORAGE



DETAIL 3C
ASPHALT BASE ANCHORAGE
(HP 9 BARBED DRIVE ANCHOR)

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LICENSE #30782

PROJECT NO. 2416352-2

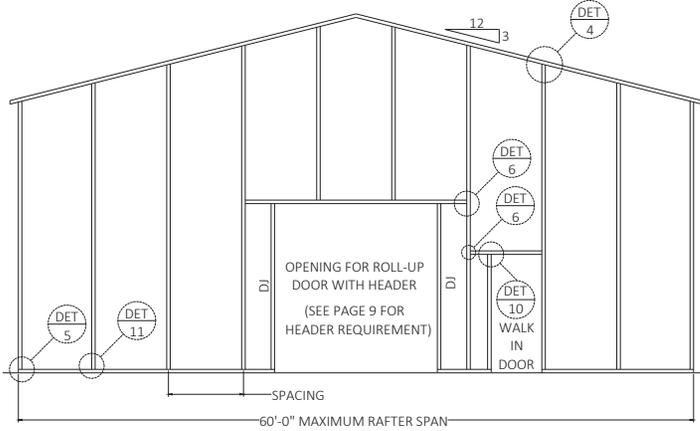
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10320 SW 42ND ST
OCALA FL 34476

DESIGN DATE:	06/12/2024
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REVISION 2:	DATE
DRAWN BY:	JS
SCALE:	NTS

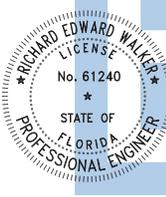
SHEET:
4 OF 10



TYPICAL BOX EAVE RAFTER END WALL FRAMING SECTION

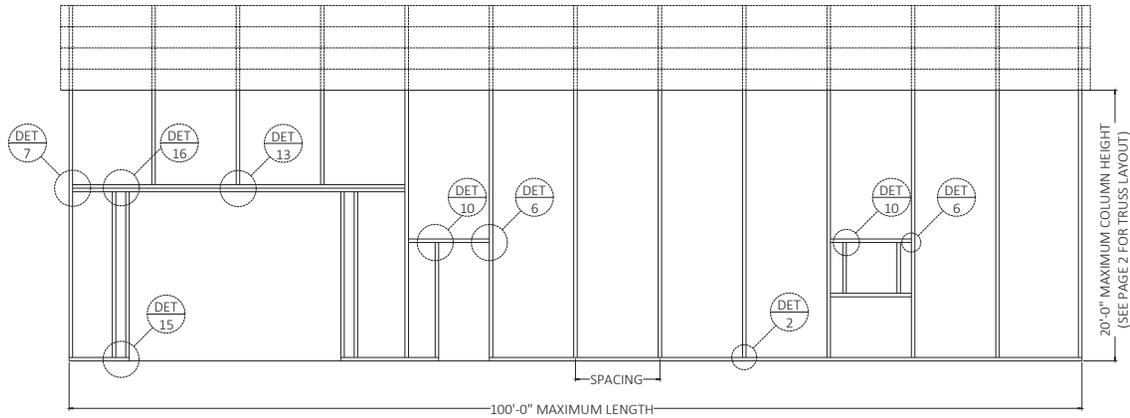
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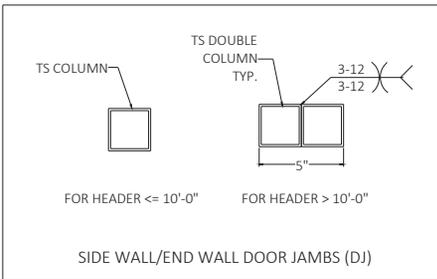
Digitally signed by Richard E Walker
 Date: 2024.06.13 14:46:54-04'00'

SPACING = 5'-0"	I) FOR WIND SPEEDS BETWEEN 110 MPH AND 140 MPH II) FOR BUILDING SPAN LESS THAN 50'-0"
SPACING = 4'-0"	I) FOR WIND SPEEDS BETWEEN 141 MPH AND 170 MPH II) FOR BUILDING SPAN GREATER THAN 50'-0"



TYPICAL BOX EAVE RAFTER SIDE WALL FRAMING SECTION

SPACING = 5'-0"	I) FOR WIND SPEEDS BETWEEN 110 MPH AND 140 MPH II) FOR BUILDING SPAN LESS THAN 50'-0"
SPACING = 4'-0"	I) FOR WIND SPEEDS BETWEEN 141 MPH AND 170 MPH II) FOR BUILDING SPAN GREATER THAN 50'-0"



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 LICENSE #30782

BEST METAL BUILDINGS LLC
 484 NW TURNER AVE
 LAKE CITY FL 32055

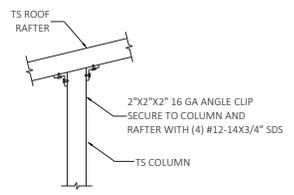
OCALA FREEDOM INVESTMENTS LLC
 10320 SW 42ND ST
 OCALA FL 34476

PROJECT NO. 2416352-2

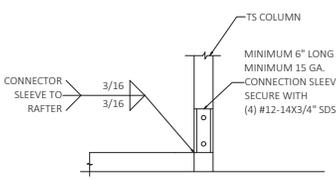
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DESIGN DATE:	06/12/2024
REVISION 1:	DATE 06/13/2024
REVISION 2:	DATE
DRAWN BY:	JS
SCALE:	NTS

SHEET: 5 OF 10

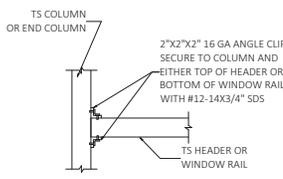
CONNECTION DETAILS



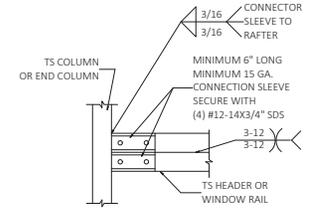
DETAIL 4
END COLUMN/RAFTER CONNECTION



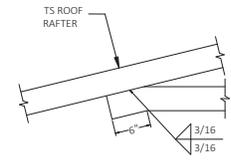
DETAIL 5
END POST/BASE RAIL CONNECTION



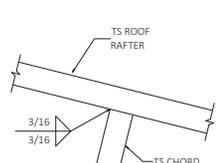
DETAIL 6
HEADER TO COLUMN CONNECTION



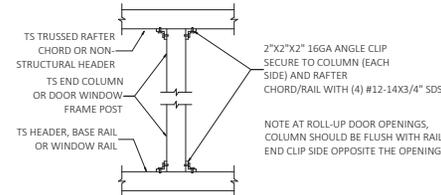
DETAIL 7
DOUBLE HEADER TO COLUMN CONNECTION



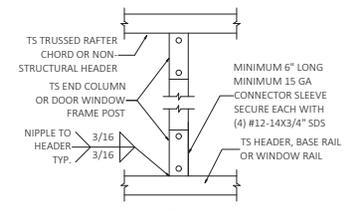
DETAIL 8
COLLAR TIE CONNECTION



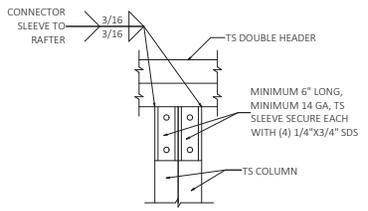
DETAIL 9
RAFTER TO CHORD CONNECTION



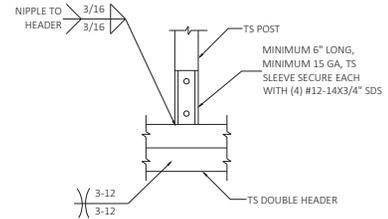
DETAIL 10
POST TO HEADER, BASE RAIL OR WINDOW RAIL CONNECTION
(OPTION-1)



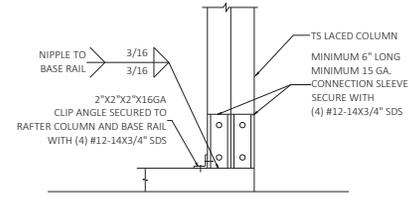
DETAIL 11
POST TO HEADER, BASE RAIL CONNECTION
(OPTION-2)



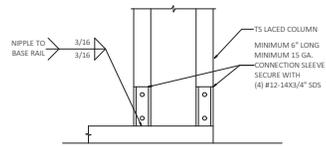
DETAIL 12
DOUBLE HEADER TO COLUMN CONNECTION



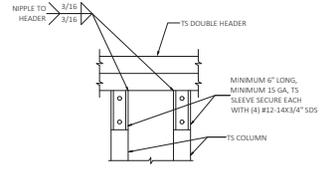
DETAIL 13
POST/DOUBLE HEADER CONNECTION



DETAIL 14
POST/BASE RAIL CONNECTION



DETAIL 15
POST/BASE RAIL CONNECTION



DETAIL 16
POST/BASE RAIL CONNECTION

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PROJECT NO. 2416352-2



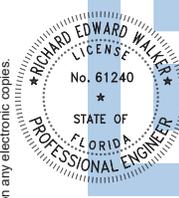
CONTRACTOR:
BEST METAL BUILDINGS LLC
484 NW TURNER AVE
LAKE CITY FL 32055

PROJECT ADDRESS:
OCALA FREEDOM INVESTMENTS LLC
10320 SW 42ND ST
OCALA FL 34476

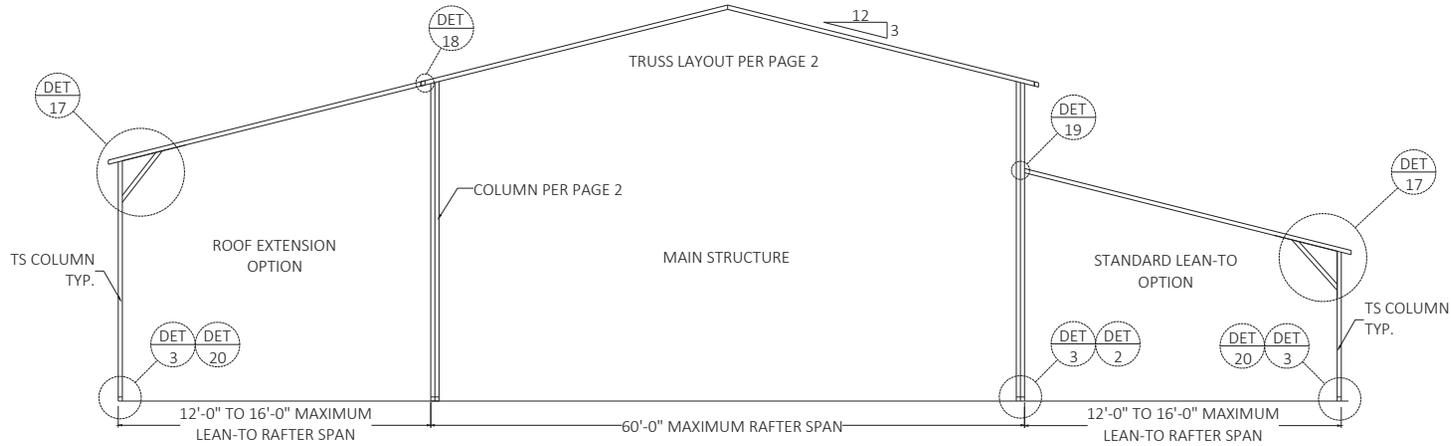
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REVISION 1:	DATE: 06/13/2024	
DRAWN BY:	JS	6 OF 10
SCALE:	NTS	

STRUCTURAL APPROVAL
BY REX D. BROWN
PX4054
MARION COUNTY PLANS EXAMINER
(SEAL VERIFIED BY OTHERS)

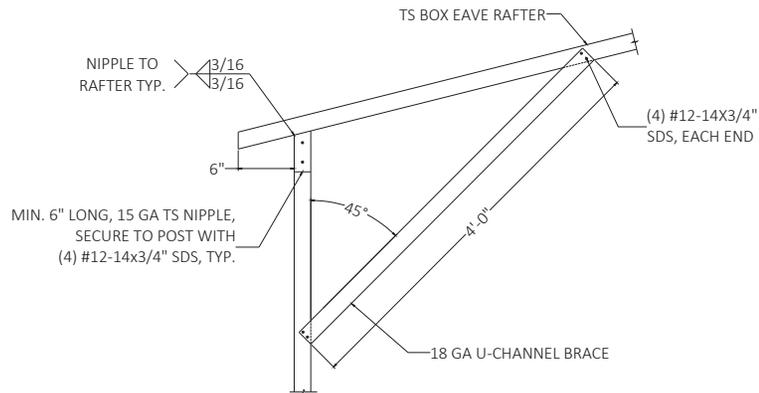
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TYPICAL BOX EAVE RAFTER LEAN-TO OPTIONS FRAMING SECTION



DETAIL 17
 LEAN-TO RAFTER/CORNER POST CONNECTION

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 OCALA FL 34476

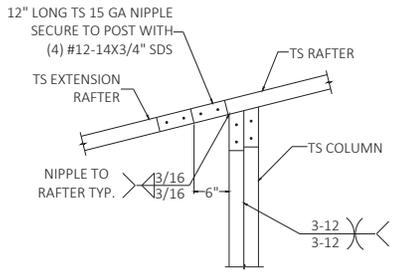
PROJECT NO. 2416352-2

CONTRACTOR:	BEST METAL BUILDINGS LLC	
DESIGN DATE:	06/12/2024	
REVISION 1:	DATE 06/13/2024	
REVISION 2:	DATE	SHEET:
DRAWN BY:	JS	7
SCALE:	NTS	OF 10

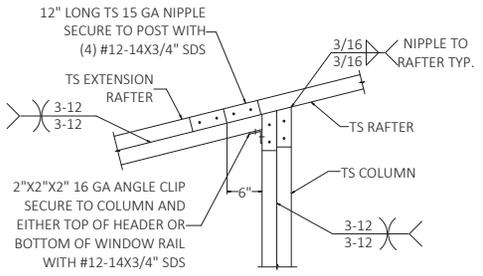
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BY REX D. BROWN**

**PX4054
MARION COUNTY PLANS EXAMINER
(SEAL VERIFIED BY OTHERS)**

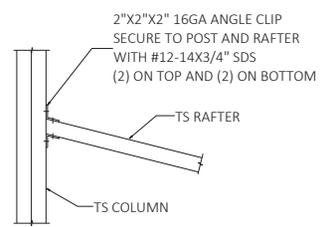
CONNECTION DETAILS



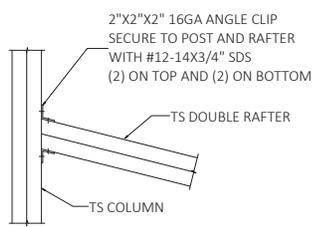
DETAIL 18A
SIDE EXTENSION RAFTER/COLUMN CONNECTION
FOR RAFTER SPANS LESS THAN 12'-0"



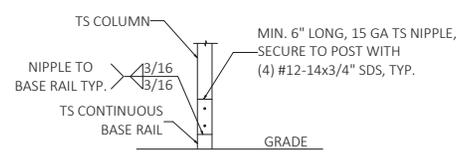
DETAIL 18B
SIDE EXTENSION RAFTER/COLUMN CONNECTION
FOR RAFTER SPANS BETWEEN 12'-0" AND 16'-0"



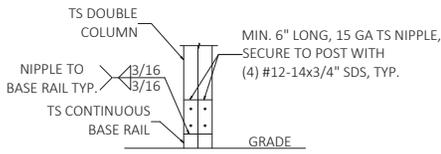
DETAIL 19A
LEAN TO RAFTER/COLUMN CONNECTION
FOR RAFTER SPANS LESS THAN 12'-0"



DETAIL 19B
LEAN TO RAFTER/COLUMN CONNECTION
FOR RAFTER SPANS BETWEEN 12'-0" AND 16'-0"

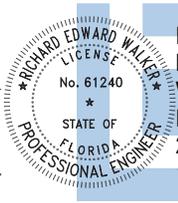


DETAIL 20A
LEAN-TO POST CONNECTION



DETAIL 20B
LEAN-TO DOUBLE POST CONNECTION

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Orders@FLEng.com
LICENSE #30782



PROJECT NO. 2416352-2

CONTRACTOR: BEST METAL BUILDINGS LLC
484 NW TURNER AVE
LAKE CITY FL 32055

PROJECT ADDRESS: OCALA FREEDOM INVESTMENTS LLC
10320 SW 42ND ST
OCALA FL 34476

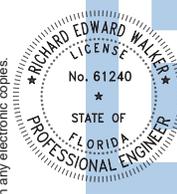
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SHEET: 8 OF 10

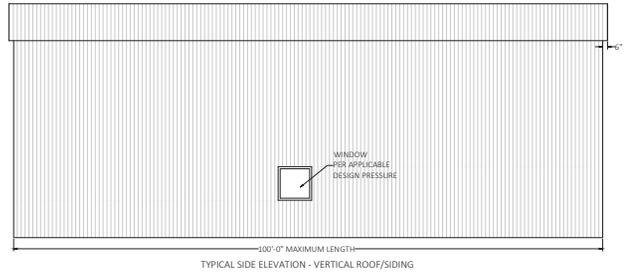
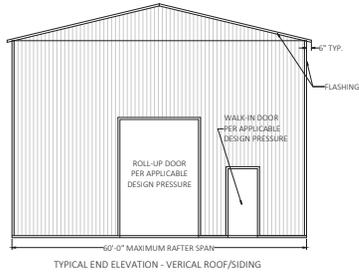
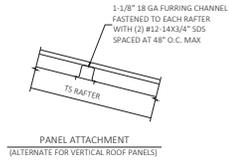
**STRUCTURAL APPROVAL
BY REX D. BROWN**

**PX4054
MARION COUNTY PLANS EXAMINER
(SEAL VERIFIED BY OTHERS)**

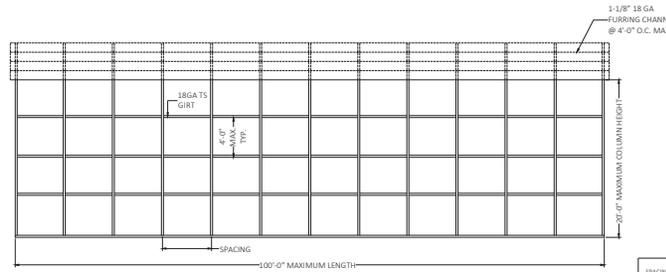
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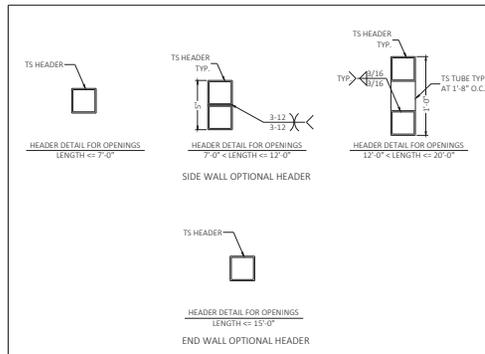


BOX EAVE FRAME RAFTER ENCLOSED BUILDING



TYPICAL RAFTER/POST SIDE FRAME SECTION

SPACING = 5'-0"	I) FOR WIND SPEEDS BETWEEN 110 MPH AND 140 MPH II) FOR BUILDING SPAN LESS THAN 50'-0"
SPACING = 4'-0"	I) FOR WIND SPEEDS BETWEEN 84 MPH AND 130 MPH II) FOR BUILDING SPAN GREATER THAN 50'-0"



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484 NW TURNER AVE
LAKE CITY FL 32055

OCALA FREEDOM INVESTMENTS LLC
10320 SW 42ND ST
OCALA FL 34476

CONTRACTOR: BEST METAL BUILDINGS LLC
DESIGN DATE: 06/12/2024
REVISION 1: DATE 06/13/2024
REVISION 2: DATE
DRAWN BY: JS
SCALE: NTS

PROJECT ADDRESS: Ocala Freedom Investments LLC
10320 SW 42nd St
Ocala FL 34476

PROJECT NO. 2416352-2

**ATTACHMENT F
STRUCTURAL APPROVAL
BY REX D. BROWN
PX4054**

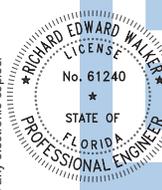
**MARION COUNTY PLANS EXAMINER
(SEAL VERIFIED BY OTHERS)**

OPTIONAL HELICAL ANCHORING ON GRADE DETAIL

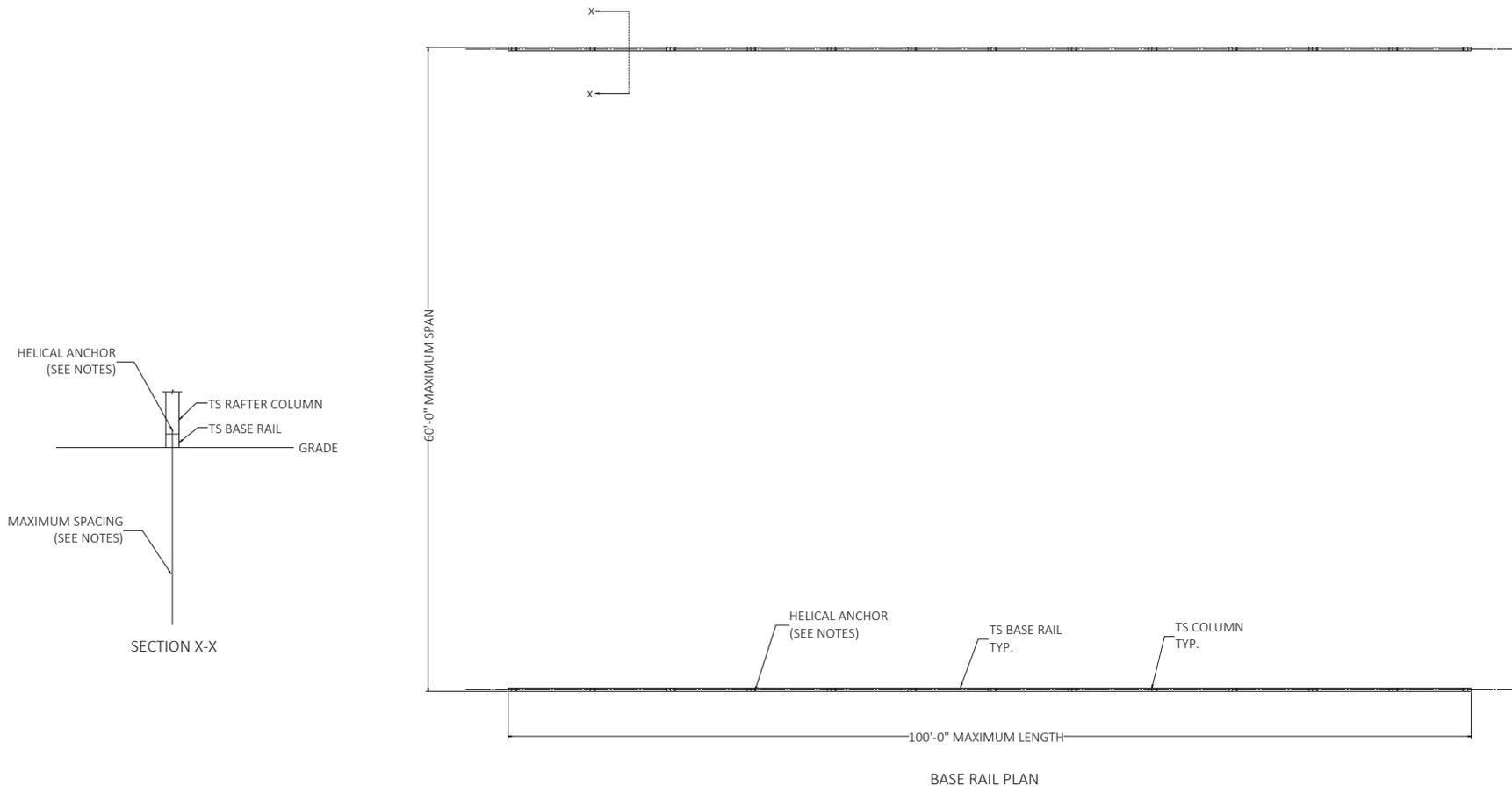
HELIX ANCHOR NOTES

1. FOR VERY DENSE AND/OR CEMENTED SANDS, COARSE GRAVEL AND COBBLES, CALICHE, PRELOADED SILTS AND CLAYS, CORALS, MEDIUM DENSE COARSE SANDS, SANDY GRAVELS, VERY STIFF SILTS AND CLAYS, USE MINIMUM (2) 4" HELICES WITH MINIMUM 30" EMBEDMENT EVERY 10'.
2. FOR MEDIUM TO VERY LOOSE DENSE SANDS, FIRM TO STIFF CLAYS AND SILTS, ALLUVIAL FILL, USE MINIMUM (2) 4" HELICES WITH MINIMUM 30" EMBEDMENT EVERY 5' OR EVERY POST (LEG).
3. THE UPLIFT/BEARING CAPACITY OF EACH ANCHOR MUST BE EQUAL TO OR GREATER THAN 8.5 KIPS.

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PROJECT NO. 2416352-2

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REVISION 1: 06/13/2024
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Best Metal Buildings

Product Approval Form Rev 3/24

STRUCTURAL APPROVAL

BY REX D. BROWN

PX4054

MARION COUNTY PLANS EXAMINER

(SEAL VERIFIED BY OTHERS)

Type	Manufacturer	Model #/Series	Florida Approval #
Swinging Doors	Elixir	100 DD	FL12903_R8
Overhead Doors	DBCI	402	FL17996_R3
Single Hung	PAC	100 VS	FL_12940_R9
Metal Roof	Steel Buildings	3/4 Hi Rib	FL22561_R4
Metal Wall	Steel Buildings	3/4 Hi Rib	FL22562_R4