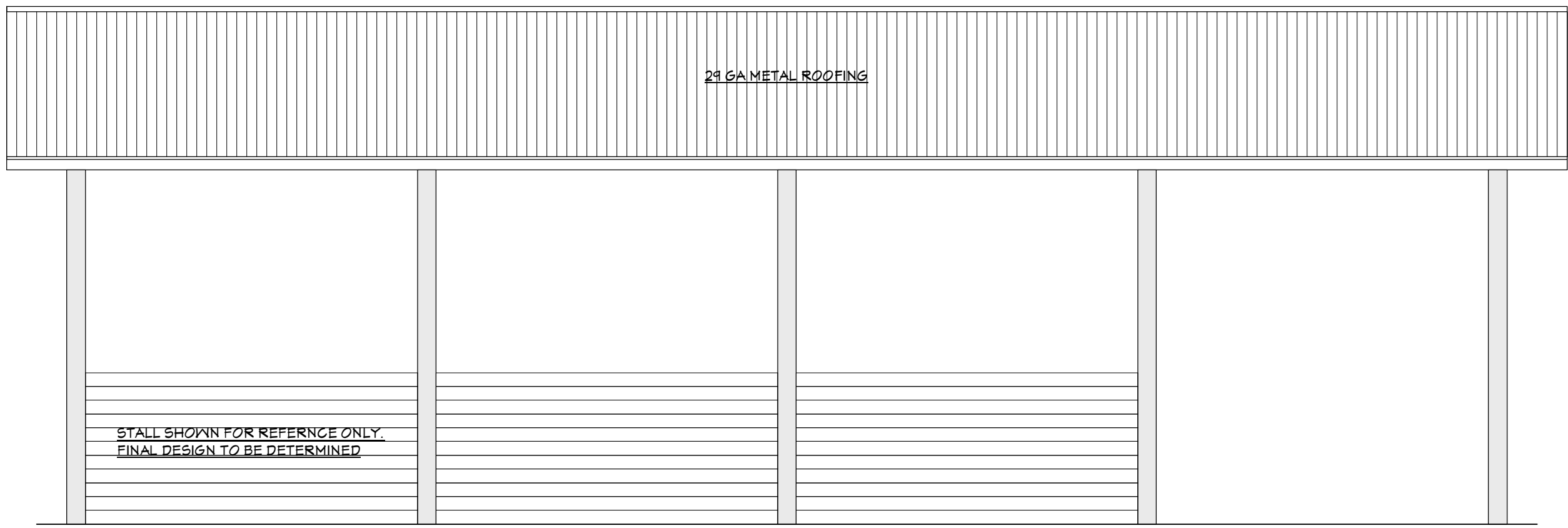
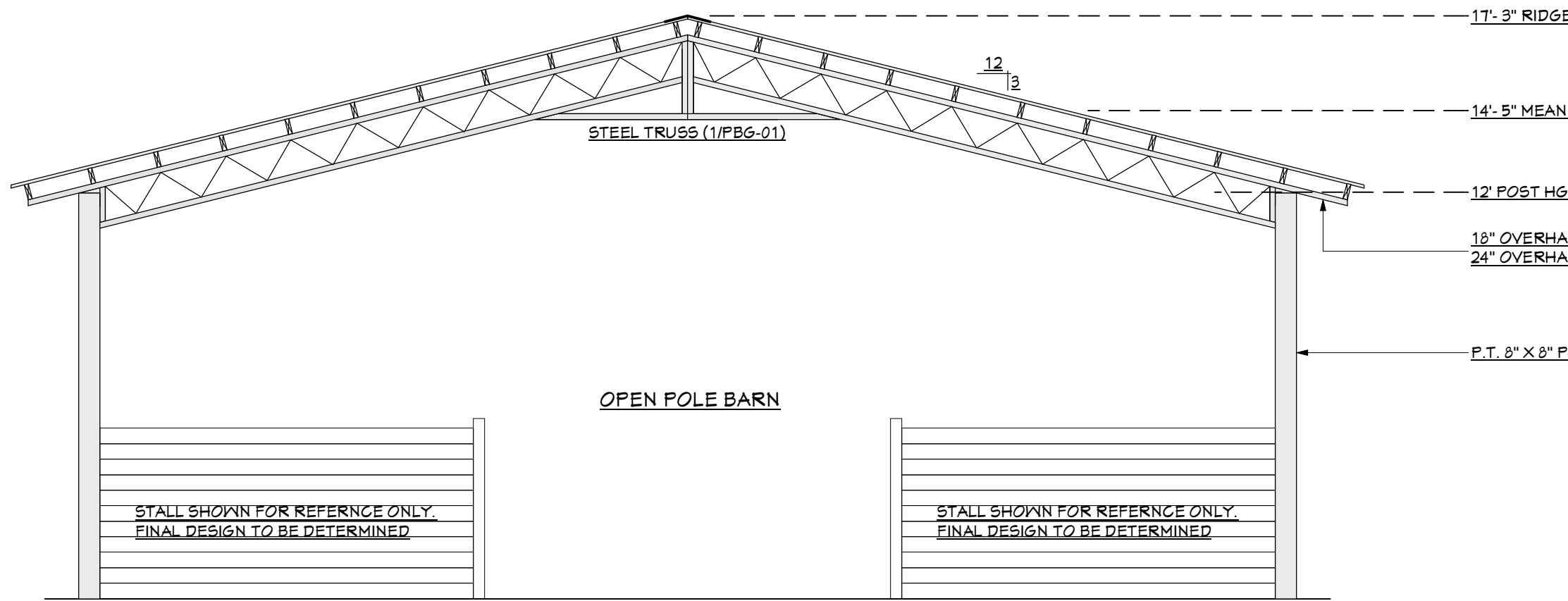




TYP. SIDE ELEVATION
SCALE 1/4" = 1'- 0"



TYP. END ELEVATION
SCALE 1/4" = 1'- 0"

GENERAL NOTES:
THIS BUILDING HAS BEEN DESIGNED TO CONOFRM WITH THE 2023 FLORIDA BUILDING CODE AND THE 2023 FLORIDA BUILDING CODE, AND NEC 2020.
THE BUILDING, INCLUDING ALL COMPONENTS AND CLADDING SHALL BE DESIGNED FOR THE FOLLOWING LOADS:
ROOF:
LIVE LOAD - 12.5 P.S.F.
DEAD LOAD- 2.5 P.S.F.
WIND:
THIS BUILDING IS DESIGNED TO CONFORM TO ACSE 7-22, CHAPTERS 26 THROUGH 31, PER THE 2023 FLORIDA BUILDING CODE, SECTIONS R301.2 AND SECTION 1609.1.1.
WIND DESIGN ASSUMPTIONS:
WIND DESIGN CRITERIA: LATERAL WIND FORCES 150 MPH ASCE-7-22 EXOSURE "B"
2023, 8TH EDITION FBC, 301.2.1.2.1 - WIND ZONE 1- 150 MPH
BUILDING EXPOSURE B
BUILDING CATEGORY RISK- 1
MEAN ROOF HGT. 30' OR LESS
HEIGHT AND EXPOSURE ADJUSTMENT COEFFICIENT = 1.0
OPEN BUILDING

COMPONENT AND CLADDING WIND LOAD "WORST CASE LOADING SHOWN"

ZONE 1			ROOF PRESSURE FOR C&C ZONE		
			PSF		
10	22.2	-40.8	1	+10.0	-21.0
20	20.3	-34.6	2	+10.0	-35.0
50	17.8	-26.4	3	+10.0	-53.0
100	15.9	-20.2			
ZONE 2					
10	22.2	-44.9	GARAGE DOOR 150MPH		
20	20.3	-40.1	9' X 7'	21.3	-24.1
50	17.8	-33.8	16' X 7'	20.4	-22.7
100	15.9	-29.0	GARAGE DOOR 160MPH		
ZONE 3			9' X 7'	24.3	-27.5
10	22.2	-55.2	16' X 7'	23.3	-26.0
20	20.3	-48.0			
50	17.8	-38.6			
100	15.9	-31.4			
ZONE 4 WALLS			ZONE 5 WALLS		
10	24.3	-26.3	10	24.3	-32.5
20	23.2	-25.2	20	23.2	-30.3
50	21.7	-23.8	50	21.7	-27.4
100	20.7	-22.7	100	20.7	-25.2

ALL STRUCTURAL ELEMENTS, EXTERIOR WALLS, AND INTERIOR WALLS SHALL BE TYPR V CONSTRUCTION PER PBS, 602.5.
SOIL AND BEARING COMPACTION:
THESE PLANS WERE DRAWN UPON AN ALLOWBLE SOIL BEARING CAPACITY OF 2,000 P.S.F. (MINIMUM). THE CONTRACTOR AND/OR PROPERTY OWNER ARE RESPONSIBLE FOR VERIFYING THAT THE SOIL ON THE SITE IS PROPERLY PREPARED AND COMPACTED SUCH THAT IT CAN SUPPORT A 2,000 P.S.F. FOUNDATION LOAD.

FOUNDATIONS AND SLAB ON- GRADE:
THE BUILDING SITE MUST BE SCRAPPED TO REMOVE ALL ORGANIC MATERIALS WITHIN THE BUILDING AREA. AND ADDITIONAL FILL PLACED ON THE AREA SHALL BE COMPACTED SUCH THAT IT CAN ADEQUATELY SUPPORT A 2,000 P.S.F FOUNDATION LOAD. THE SLAB SHALL BE PLACED OVER A 6 MIL VAPOR BARRIER ON A CLEAN AND ADEQUATELY COMPACTED AND TERMITE TREATED SOIL. THE CONCRETE UTILIZED IN THE FOUNDATION SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 3,000 P.S.I. REINFORCING STEEL SHALL BE A GRADE 40 MINIMUM AND IDENTIFIED IN ACCORDANCE WITH ASTM A-615. LAP SPLICES WHERE REQUIRED SHALL BE A MINIMUM OF 25" FOR # 5 RE-BAR, 30" FOR #6 RE-BAR AND 35" FOR #7 RE-BAR.

TIMBER SPECIFICATIONS:
POST WILL BE #2 P.T. PINE AND THE RAFTERS WILL BE #2 SYP OR BETTER

SOIL TREATMENT:
TERMITE PROTECTION SHALL BE PROVIDED BY A REGISTERED TERMICIDES INCLUDING PESTICIDES APPLIED TO THE SOIL, WOOD, BAITING SYSTEMS, OR OTHER APPROVED PROTECTION LABELED FOR USE AS A PREVENTATIVE TREATMET TO NEW CONSTRUCTION. A CERTIFICATE IF COMPLIANCE SHALL BE ISSUED TO THE BUILDING DEPARTMENT BY A LICENSED PEST CONTROL COMPANY BEFORE A CERTIFICATE OF OCCUPANCY WILL BE ISSUED. THE CERTIFICATE SHALL STATE:
"THE BUILDING HAS RECEIVED A COMPLETE TREATMENT FOR THE PREVENTION OF SUBTERRANEAN TERMITES. THE TREATMNET IS IN ACCORDANCE WITH THE RULES AND LAWS OF THE FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES." INITIAL SOIL POISONING TREATMENT SHALL BE DONE AFTER ALL EXCAVATION, BACKFILLING AND COMPACTION ARE COMPLETED. ANY SOIL DISTURBED AFTER THE INITIAL TREATMNET SHALL BE RE-TREATED INCLUDING AND BOXED OR FORMED AREAS. BOXED AREAS IN THE CONCRETE SLAB FOR INSTALLATION OF TRAPS SHALL BE MAKSE WITH PERMANENT METAL OF PLASTIC FORMS. PERMANENT FORMS MUST BE OF AN ADEQUATE SIZE AD DEPTH TO ELJMINATE ANY DISTURBANCE OF THE SOIL AFTER INITIAL TREATMENT. A MINIMUM OF 6 MIL VAPOR BARRIER MUST BE INSTALLED TO PROTECT AGAINST RAINFALL DILUTION. IF RAINFALL OCCURS BEFORE VAPOR BARRIER PALCEMENT, RE-TREAT SHALL BE REQUIRED.
ANY CONCRETE OVERPOUR, MORTAR OR STUCCO MATERIALS ALONG THE FOUNDATION PERIMETER MUST BE REMOVED PRIOR TO EXTERBAL SOIL TREATMENT. EXTERIOR SOIL TREATMENT MUST BE APPLIED UNDER ALL EXTERIOR CONCRETE OR GRADE WITHING 12" OF THE STRUCTURE SIDE WALLS.

- APPLICABLE CODES:
1. 2023 FLORIDA BUILDING CODE, 8TH EDITION
 2. 2023 FLORIDA BUILDING CODE, ACCESSIBILITY, 8TH EDITION
 3. 2023 FLORIDA BUILDING CODE, ENERGY CONSERVATION, 8TH EDITION
 4. 2023 FLORIDA BUILDING CODE, MECHANICAL, 8TH EDITION
 5. 2023 FLORIDA BUILDING CODE, PLUMBING, 8TH EDITION
 6. 2023 FLORIDA BUILDING CODE, FUEL GAS, 8TH EDITION
 7. 2020 NATIONAL ELECTRICAL CODE
 8. 2023 FLORIDA FIRE PREVENTION CODE, 8TH EDITION & NFPA1 AND 101, 2021 EDITION.

POLE BARN PLAN FOR:

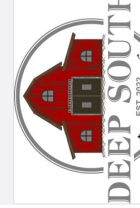
JACKIE AUTREY
667 SW WLM CHURCH ROAD
FORT WHITE, FL 32038

House Plans
Plans by:
Jamie Grant
Residential & Commercial
Remodels & Additions
850.634.8146

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SHEET INDEX	NET INK AND SEALED OR DIGITALLY SIGNED
1. ELEVATIONS & GENERAL NOTES 2. POST LAYOUT & ROOF PLAN STRUCTURAL DETAIL SHEET FBG-01	4D ENGINEERING, LLC CAREY L. WILKINSON, P.E. 1074 S. FLORIDA AVENUE, SUITE 201 LAKELAND, FLORIDA 33803 (888) 497-1449
CAREY L. WILKINSON	DATE STATE OF FLORIDA / LICENSE # 80472 FL CERTIFICATE OF AUTHORIZATION # 31557

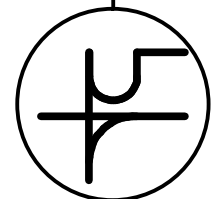
A NEW PLAN FOR:
DEEP SOUTH POLE BARNS
106 MASTERS RD.
EAST PALATKA, FL 32113
(386)-222-4254



TO THE BEST OF MY KNOWLEDGE THESE PLANS ARE DRAWN WITH THE OWNER'S AND/OR BUILDERS SPECIFICATIONS AND ANY CHANGES MADE TO THE PLANS ARE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND ENCLOSED DRAWINGS MEET THE HOME DESIGNS. I AM NOT LIABLE FOR ANY DAMAGE OR INJURY TO PERSONS OR PROPERTY ARISING FROM THE USE OF THESE PLANS. I HAVE MADE IN THE PREPARATION OF THIS PLAN TO AVOID THIS PAPER. THE MAKER OF THIS PAPER IS NOT A PROFESSIONAL ENGINEER. THE CONTRACTOR OF THE JOB SHALL OBTAIN THE NECESSARY LICENSES AND INSURANCE. THE CONTRACTOR AND BE SOLELY RESPONSIBLE THEREAFTER.

SHEET CONTENTS:
ELEVATIONS
GENERAL NOTES

PLANS BY JAMIE GRANT
183 HEWLOCK PT., ST. AUGUSTINE, FL 32086
(950) 694-8146
E-MAIL: LTJAMIE04@GMAIL.COM

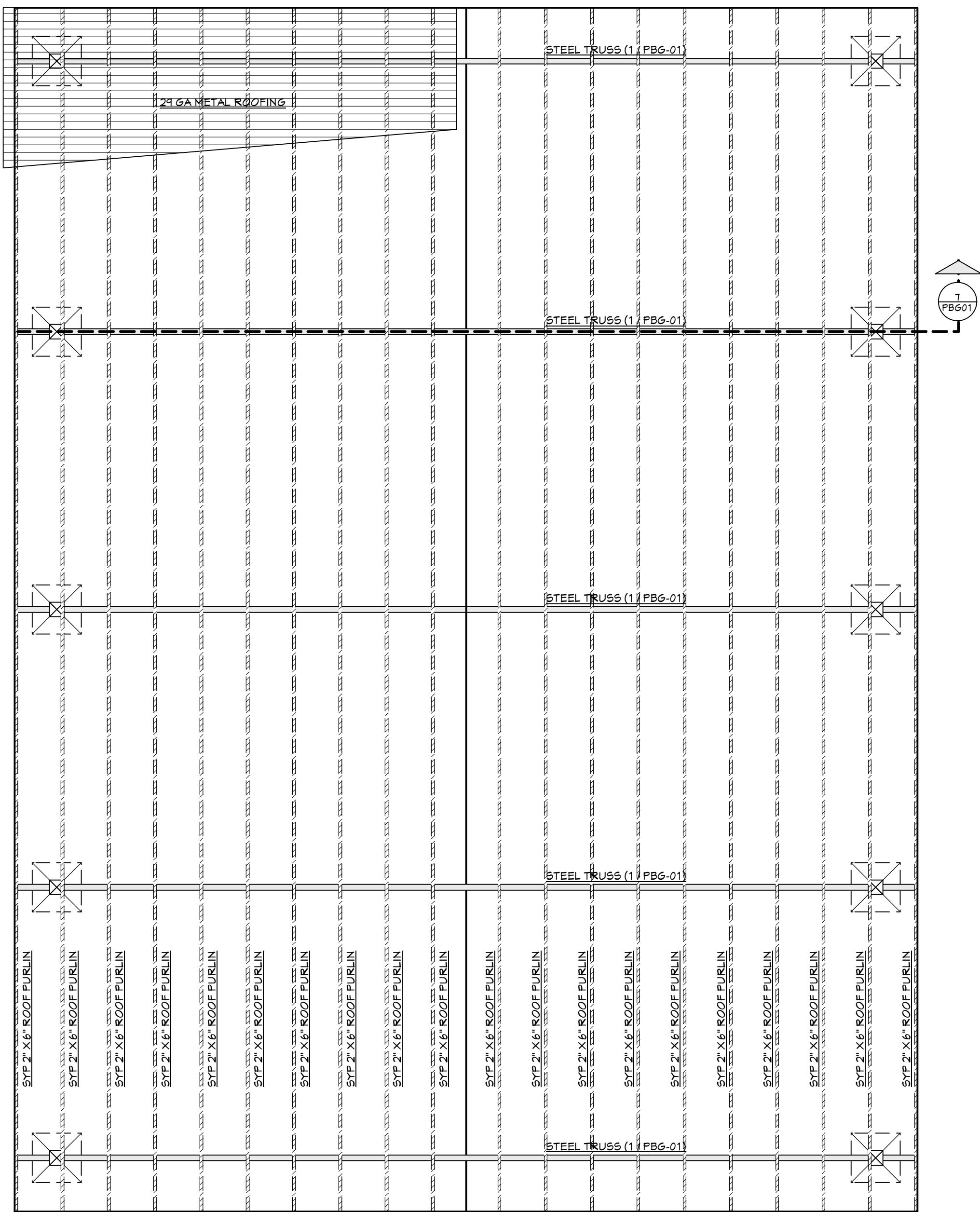


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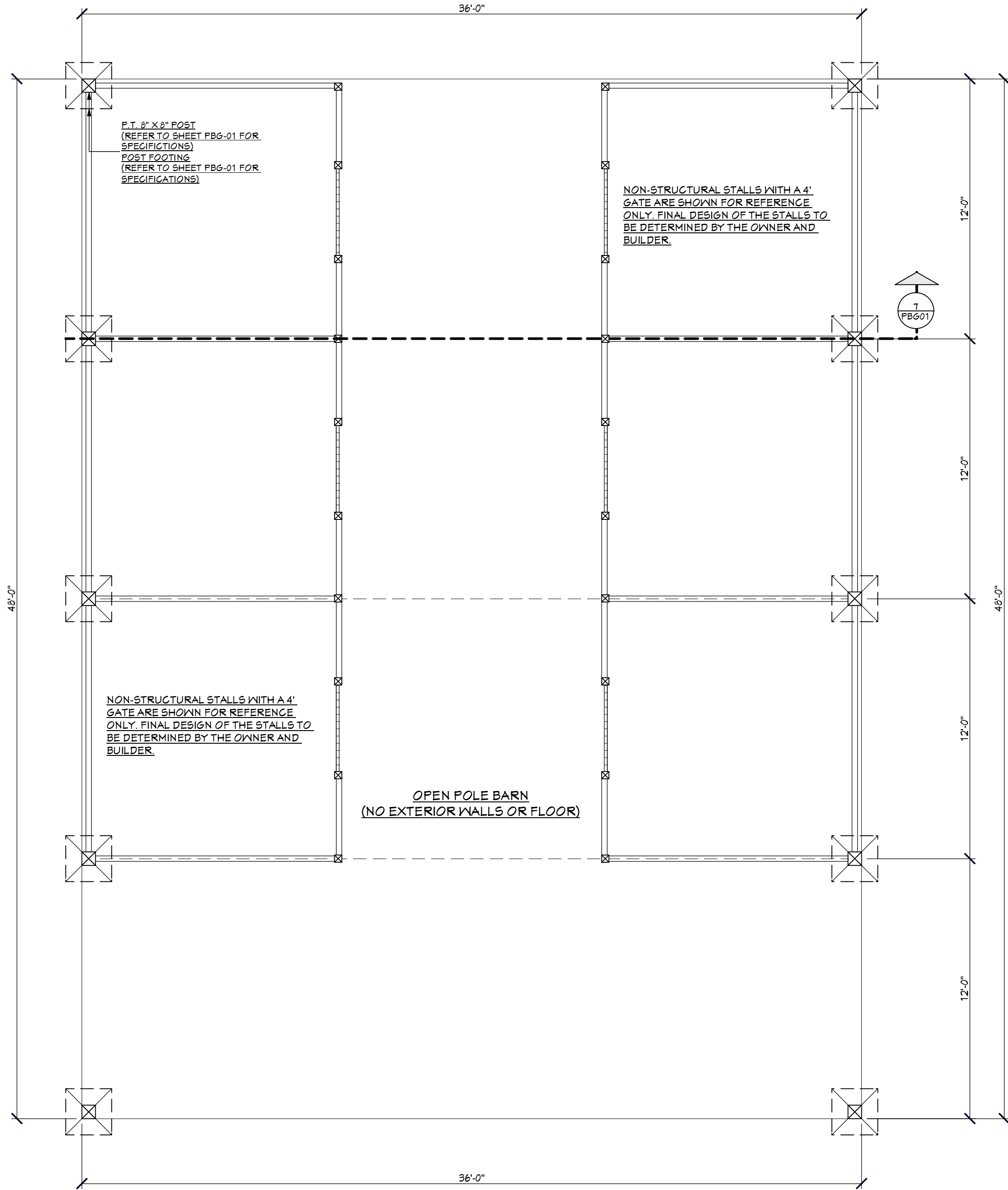
PLAN NUMBER
082425-01
SHEET NUMBER
1



This item has been electronically signed and sealed by Carey Wilkinson, PE using a Digital Signature and seal. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies. CAREY L. WILKINSON, PROFESSIONAL ENGINEER STATE OF FLORIDA PE 80472



ROOF FRAMING PLAN
SCALE 1/4" = 1'-0"



POST LAYOUT PLAN
SCALE 1/4" = 1'-0"

POLE BARN PLAN FOR:

JACKIE AUTREY
667 SW WLM CHURCH ROAD
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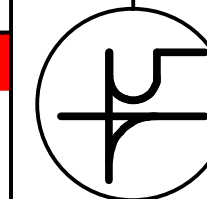
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INET INK AND SEALED OR DIGITALLY SIGNED

4D ENGINEERING, LLC
CAREY L. WILKINSON, P.E.
1074 S. FLORIDA AVENUE, SUITE 201
LAKELAND, FLORIDA 33803
(888) 481-1449

CAREY L. WILKINSON DATE
STATE OF FLORIDA / LICENSE # 80412
FL CERTIFICATE OF AUTHORIZATION # 31557

PLANS BY JAMIE GRANT
183 HEWLOCK PT., ST. AUGUSTINE, FL 32086
(950) 694-8146
E-MAIL: LTJAMIE04@GMAIL.COM



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PLAN NUMBER
082425-01

SHEET NUMBER
2

SHEET CONTENTS:

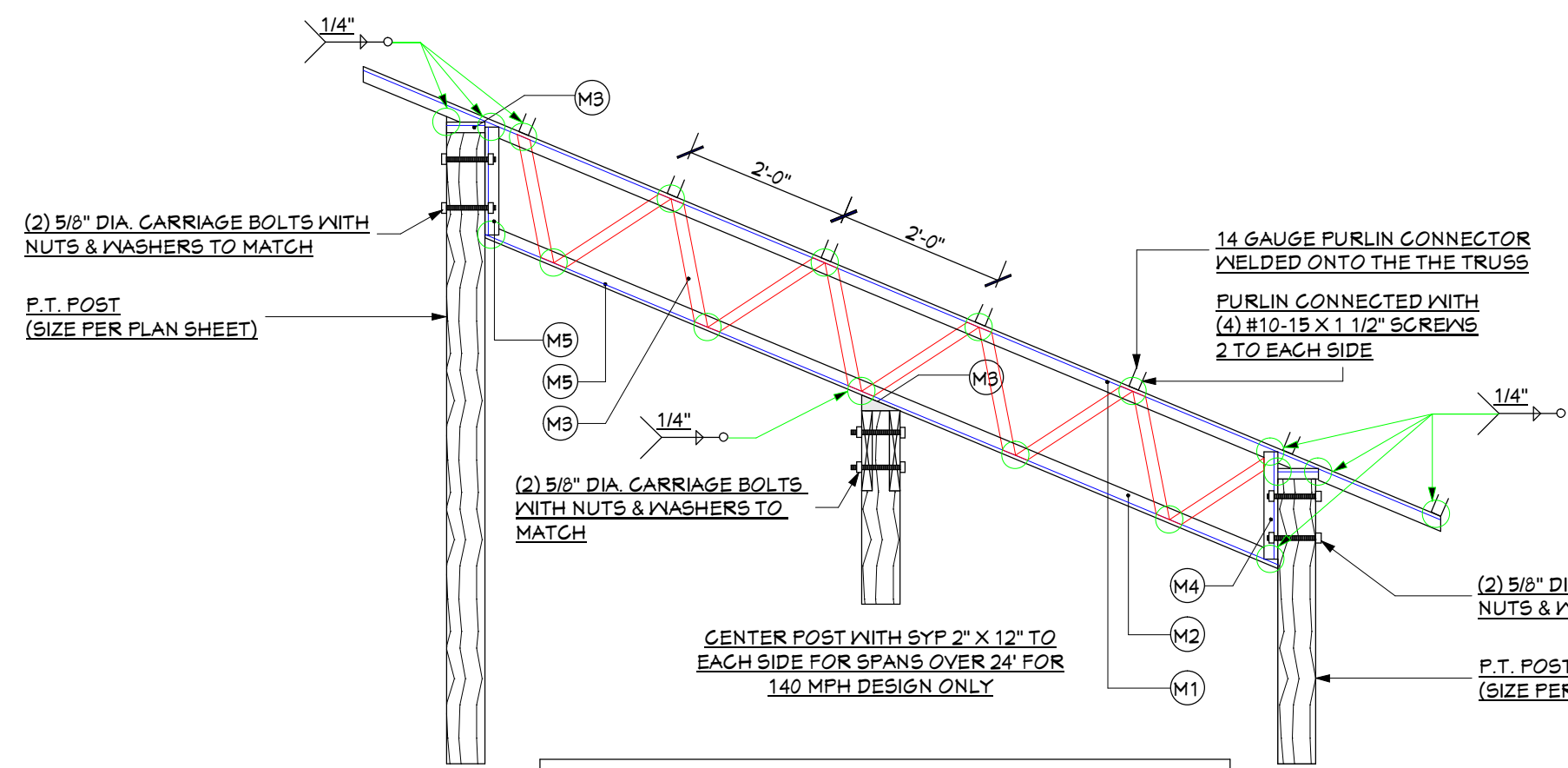
POST LAYOUT PLAN
ROOF FRAMING PLAN

A NEW PLAN FOR:



DEEP SOUTH POLE BARNS
106 MASTERS RD.
EAST PALATKA, FL 32131
(386) 222-4284

TO THE BEST OF MY KNOWLEDGE, THESE PLANS ARE DRAWN WITH THE OWNER'S AND/OR BUILDER'S SPECIFICATIONS AND ANY CHANGES MADE TO THE PLANS ARE THE RESPONSIBILITY OF THE OWNER AND/OR BUILDER. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND ENCLOSURE DRAWINGS. THESE PLANS ARE NOT VALID UNLESS THEY ARE SIGNED AND SEALED BY THE ARCHITECT/ENGINEER. THE ARCHITECT/ENGINEER'S FINGERPRINT OR OTHER MEANS OF VERIFICATION IS REQUIRED. THE ARCHITECT/ENGINEER'S FINGERPRINT OR OTHER MEANS OF VERIFICATION IS REQUIRED. THE ARCHITECT/ENGINEER'S FINGERPRINT OR OTHER MEANS OF VERIFICATION IS REQUIRED.



WELDING NOTES: WELD POINTS INDICATED BY GREEN CIRCLES

1. ALL COMPONENT ATTACHMENT LOCATIONS WILL BE WELDED TO FORM A SOLID CONNECTION. ALL POINTS OF COMPONENT TO COMPONENT WILL RECEIVE A WELD FOR ITS ENTIRETY. 2. MINIMUM "MIG WELDING MATERIAL" WASHINGTON ALLOY COMPANY ERT05-6 (OR EQUAL) .035 DIAMETER MATERIAL ANSAS, ASME SFA5.18.

CONNECTOR SCHEDULE (140MPH DESIGN)

NO. ELEMENT	DESCRIPTION
M1 TOP CORD	1 1/2" X 1 1/2" X 3/16"
M2 BOTTOM CORD	1 1/2" X 1 1/2" X 3/16"
M3 WEBS	1 1/4" X 1 1/4" X 1/8"
M4 CONNECTIONS	2" X 2" X 3/16"
M5 CROSS MEMBER	1 1/2" X 1 1/2" X 3/16"

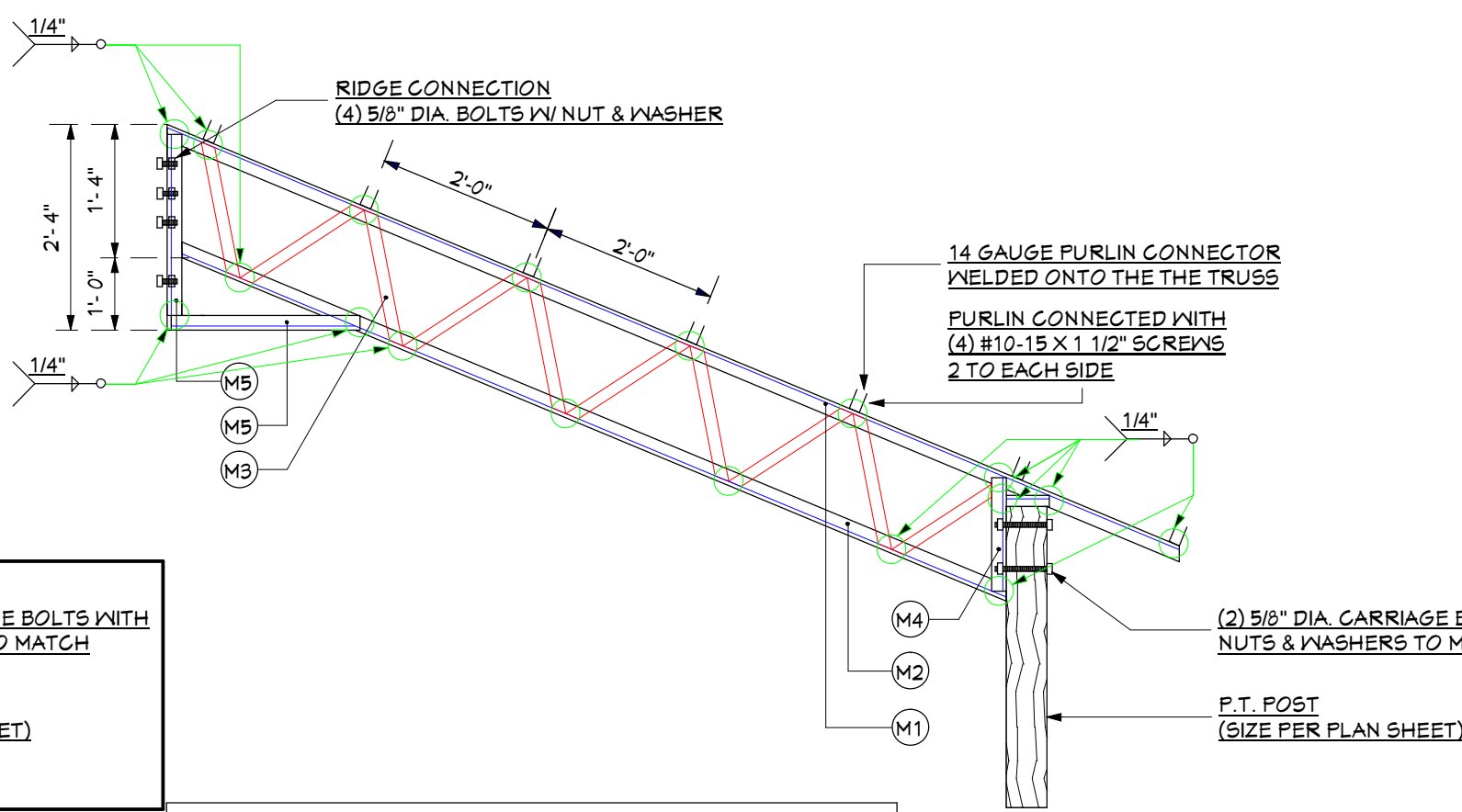
CONNECTOR SCHEDULE (150MPH DESIGN)

NO. ELEMENT	DESCRIPTION
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M2 BOTTOM CORD	2" X 2" X 3/16"
M3 WEBS	1 1/4" X 1 1/4" X 1/8"
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WELDING NOTES:

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MONO-SLOPE TRUSS DETAIL MAX. SPAN 30' 10.



WELDING NOTES: WELD POINTS INDICATED BY GREEN CIRCLES

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CONNECTOR SCHEDULE (140MPH DESIGN)

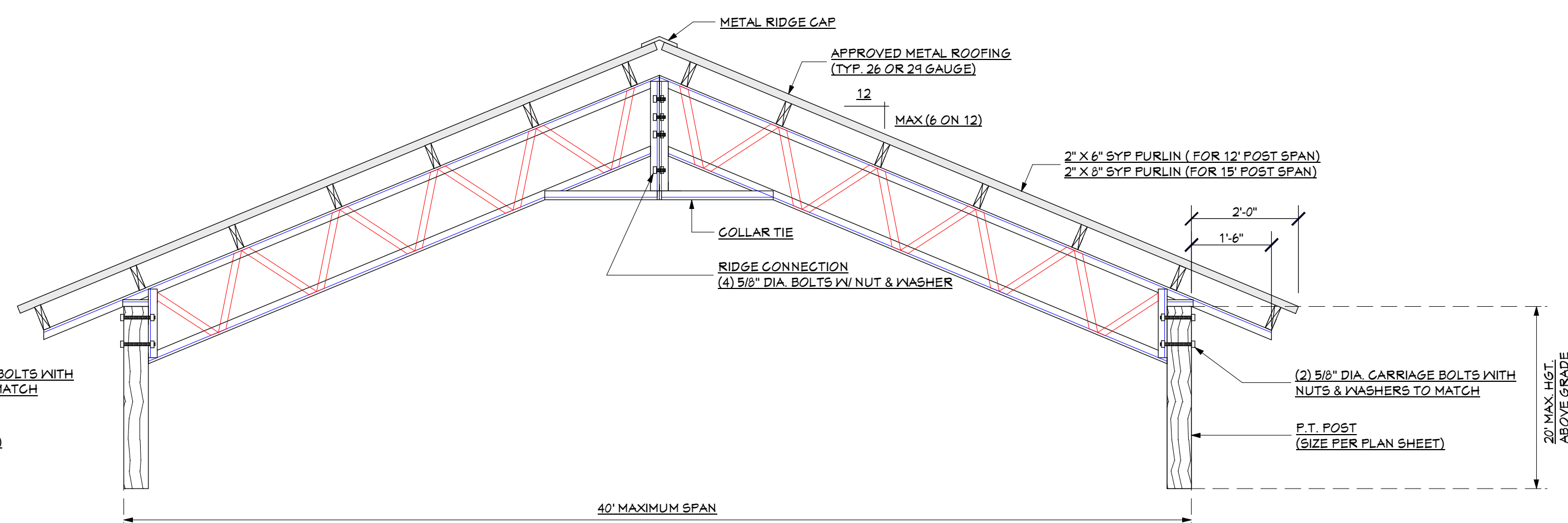
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CONNECTOR SCHEDULE (150MPH DESIGN)

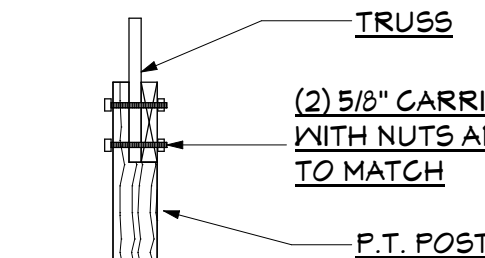
NO. ELEMENT	DESCRIPTION
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WELDING NOTES:

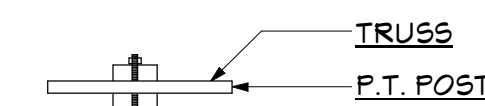
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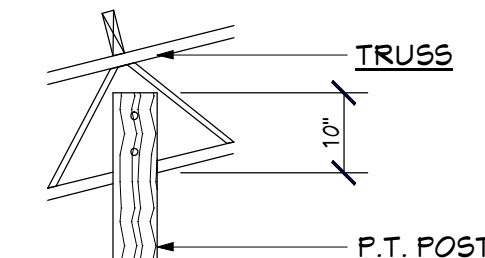
GABLE TRUSS DETAIL - MAXIMUM SPAN 40' 1.



SIDE VIEW

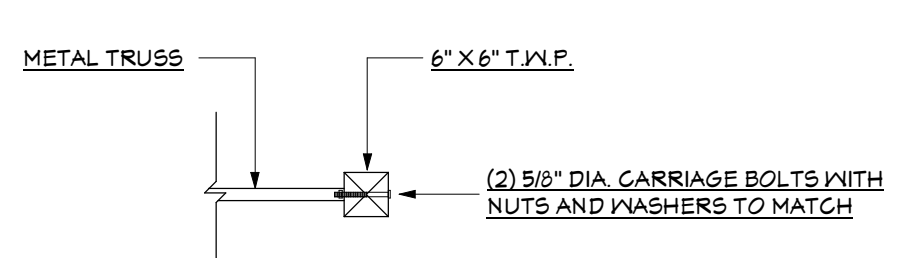


TOP VIEW

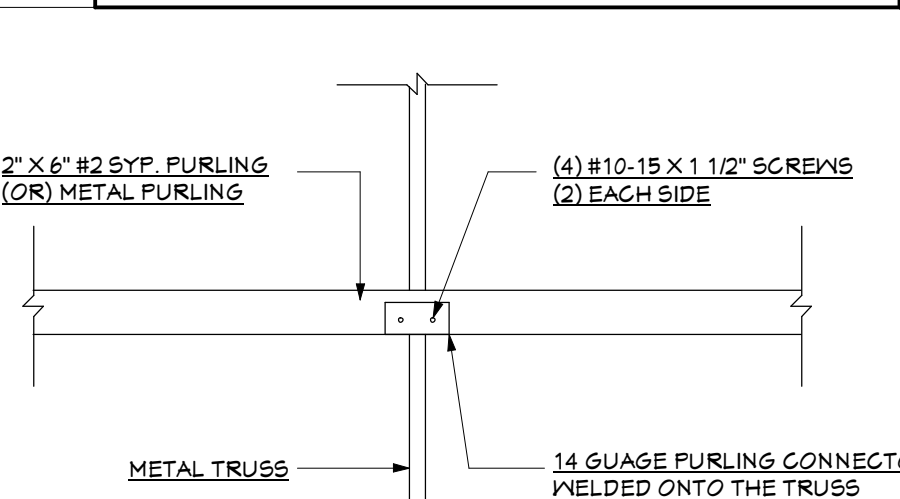


END VIEW

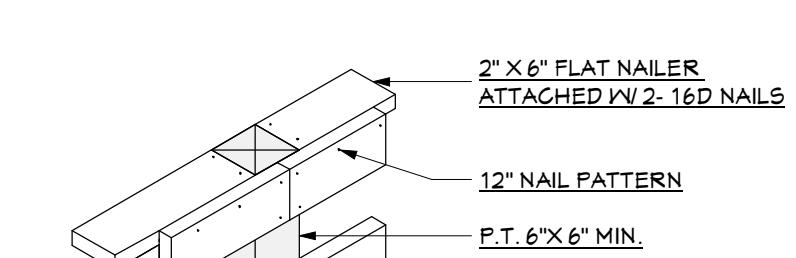
OPT. GABLE END POST DETAIL 2.



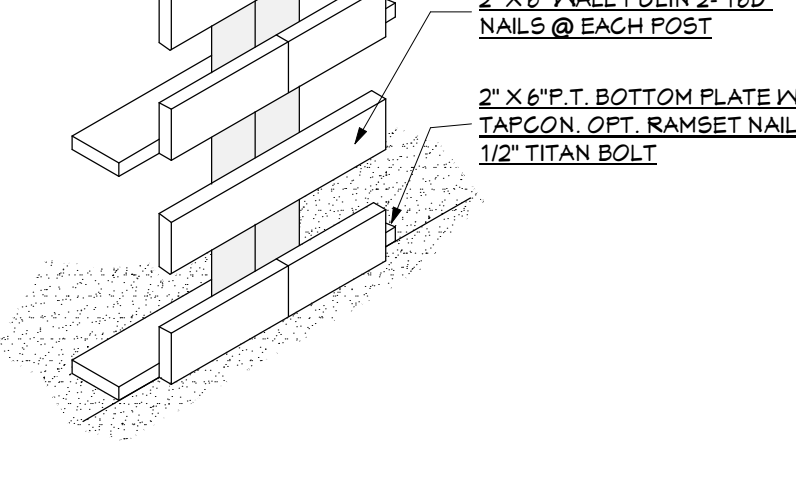
TRUSS TO POST CONNECTION 3.



PURIN TO TRUSS CONNECTION 4.



WALL PURLIN 13.

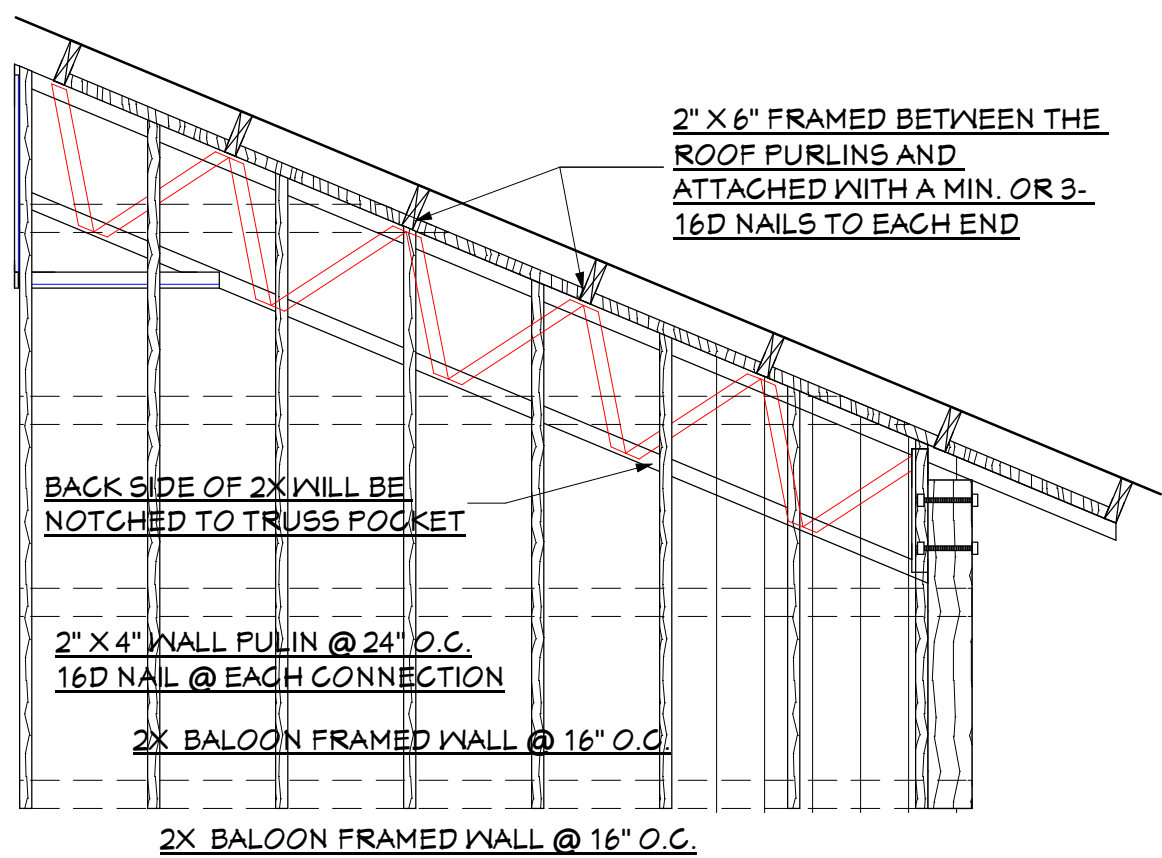


HEADER DETAIL 12.

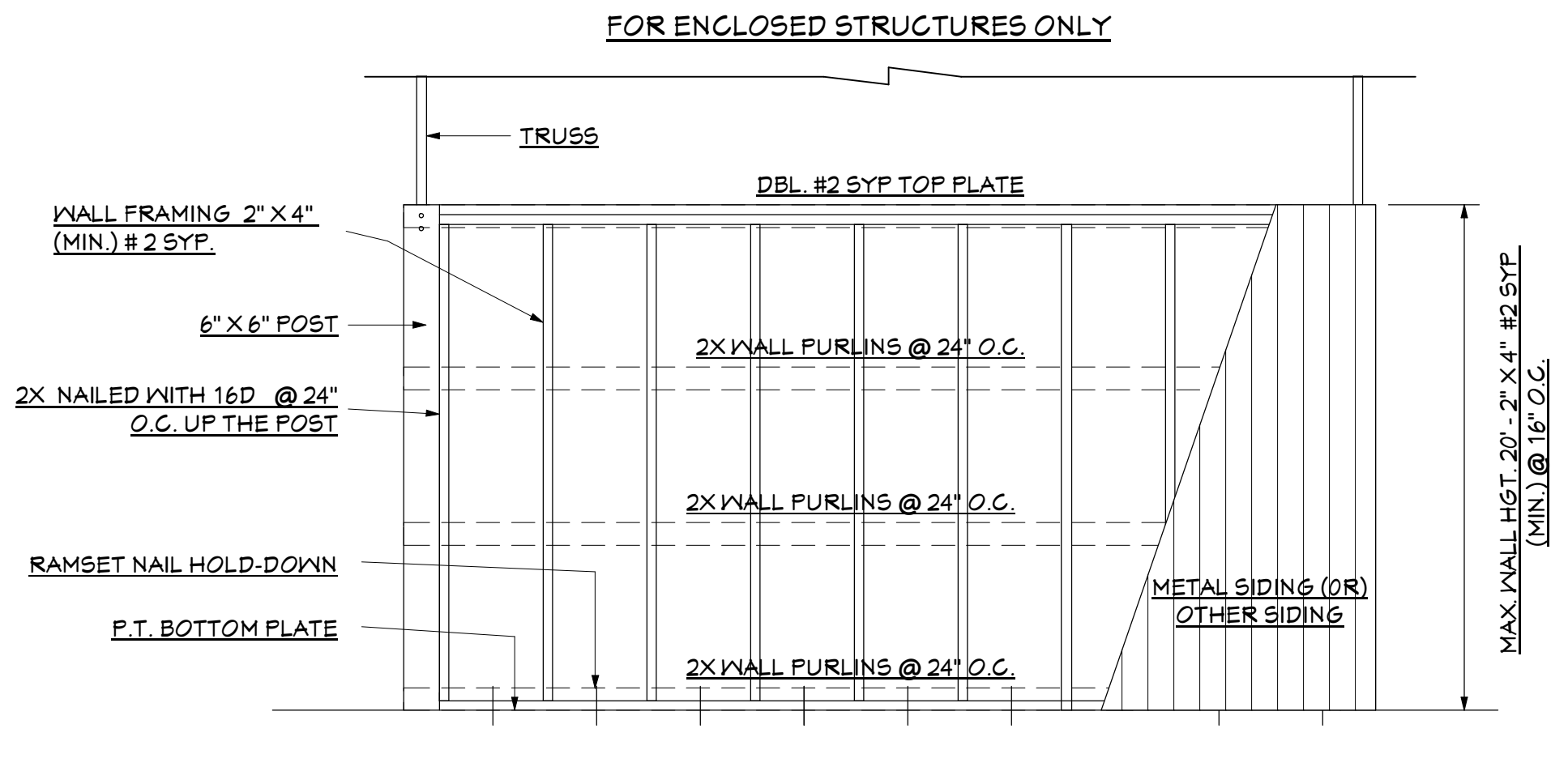
SLAB & POST DETAIL (OPTION) 8.

POST TO GROUND ATTACHMENT 7.

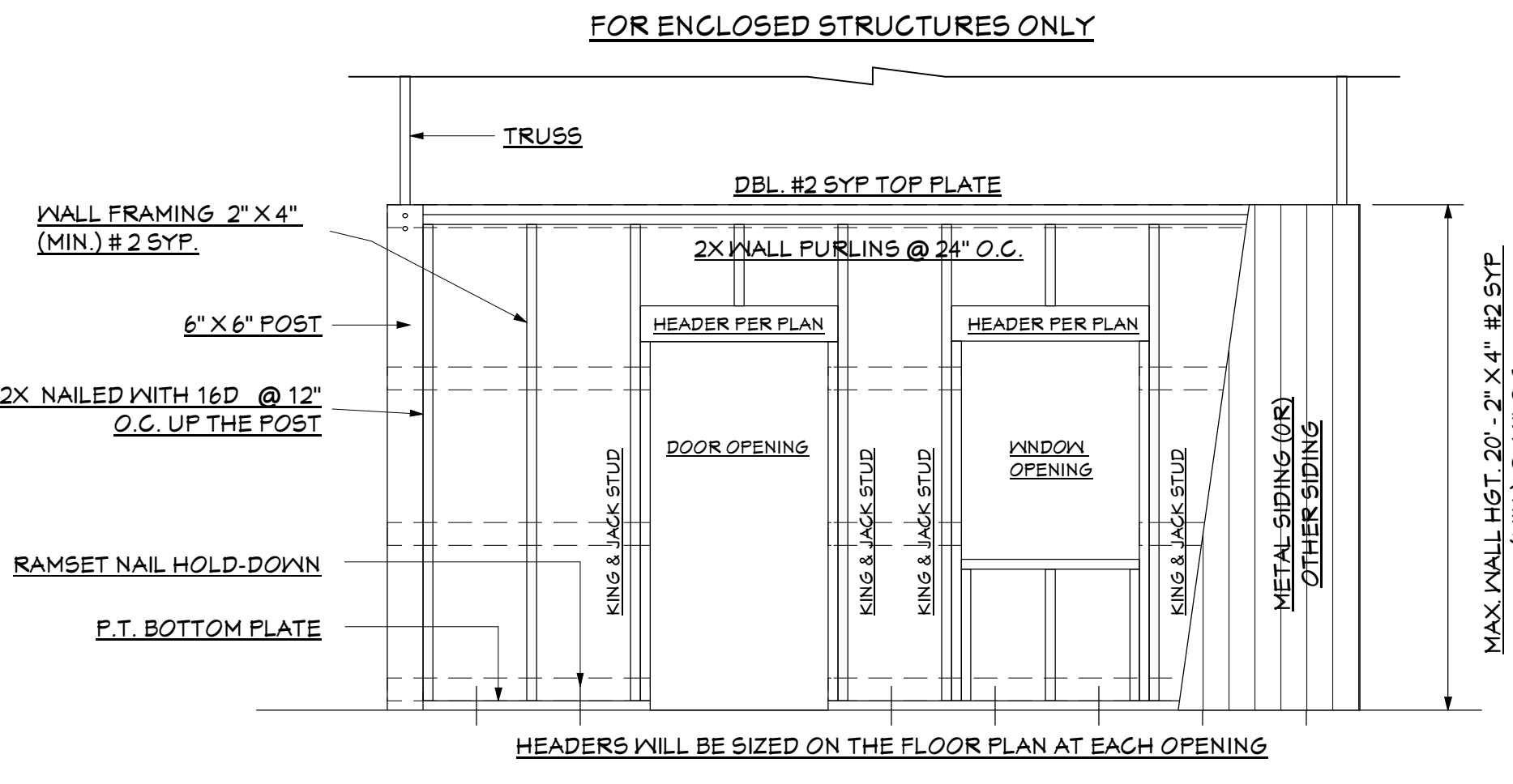
METAL TO PURLIN 6.



GABLE END WALL FRAMING DETAIL 9.



OPT. WALL FRAMING DETAIL 5.



WALL OPENING DETAIL 11.

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