



SUBMITTAL SUMMARY REPORT Waiver STA-000893-2026

PLAN NAME: Replacement Building from Previous fire	LOCATION: 24700 SE HWY 42 UMATILLA,
APPLICATION DATE: 06/09/2026	PARCEL: 51149-002-00
DESCRIPTION: proposed condition is substantially similar	

CONTACTS	NAME	COMPANY
Applicant	Krystal Cady	Tri County Permits 4U
Applicant	MICHAEL POWELL	IAM CONSTRUCTION LLC
Contractor	MICHAEL POWELL	IAM CONSTRUCTION LLC

SUBMITTAL	STARTED	DUE	COMPLETE	STATUS
OCE: Waiver Request to Major Site Plan v.1	06/09/2026	06/18/2026	06/19/2026	Approved

SUBMITTAL DETAILS

OCE: Waiver Request to Major Site Plan v.1

ITEM REVIEW NAME (DEPARTMENT)	ASSIGNED TO	DUE	COMPLETE	STATUS
Fire Marshal (Plans) (Fire)	Roxanna Coleman	06/18/2026	06/09/2026	Approved
Growth Services Planning & Zoning (DR) (GS Planning and Zoning)	Erik Kramer	06/18/2026	06/18/2026	Informational

Comments

Waiver form does not specify whether the request is to provide a minor site plan in lieu of major site plan or to go straight to building permits. Growth Services requires a minor site plan, at a minimum, due to new impervious surface being added. Relating to impervious surfaces, the applicant needs to clarify what is happening with the existing building foundation - to be removed or to remain.

If a waiver from major to minor site plan is approved, Growth requests front page requirements are provided from LDC Sec. 2.12.4. Staff also notes an environmental assessment or exemption letter as described in Division 6.5 would be required, regardless of a major or minor site plan. Site design, including landscaping buffers, would need to be brought up to today's code, regardless of a major or minor site plan.

OCE Stormwater (Permits & Plans) (Office of the County Engineer)	Alexander Turnipseed	06/18/2026	06/10/2026	Informational
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Comments

CONDITIONAL APPROVAL subject to working with Stormwater staff under the following conditions: 1) The applicant must provide stormwater control of the additional runoff from the impervious coverage at the 100-year, 24-hour storm from the total impervious coverage on the property. 2) A CO Hold will be in effect until: a) Stormwater staff conducts a final inspection. Please note that stormwater controls and all disturbed areas must have vegetative cover established at time of final inspection. b) The applicant must provide a final sketch, noting the horizontal extents and volume capacity of the stormwater controls.

The applicant owns a 2.1 -acre parcel (51149-002-00) and according to the MCPA, there is approximately 33,719 sf existing impervious area on-site. The applicant is proposing to add 2,126 sf for a new warehouse. The total existing and proposed impervious area is 35,845 sf. The site will be approximately 6,349 sf over the allowed 29,496 sf per AR 20591. There is a Flood Prone Area on the property. Staff recommends approval with conditions.

OCE Traffic (Permits & Plans) (Office of the County Engineer)	Chris Zeigler	06/18/2026	06/10/2026	Informational
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Comments

This development will not generate enough traffic to require a major site plan; however, a minor site plan is still needed to address cross access and driveway spacing. This parcel has access to CR 42 through two commercial driveways which don't meet spacing requirements. There is a cross access easement on the Dollar General property allowing access through that driveway on the east side of this parcel. This development has no need for two driveways. The western driveway will need to be removed to meet current standards. Additionally a 24' wide paved public cross access easement will need to be provided through the site parallel to CR 42.

Utilities (OCE Plans) (Utilities)	Heather Proctor	06/18/2026	06/09/2026	Approved
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Comments

Parcel 51149-002-00 is within the Marion County Utilities service area, but outside of connection to central water and sewer at this time. MCU has no objection to the waiver.



**Marion County
Board of County Commissioners**

Office of the County Engineer

412 SE 25th Ave.
Ocala, FL 34471
Phone: 352-671-8686
Fax: 352-671-8687

Development Review Committee Waiver Request Form

Waiver Request to Major Site Plan

Per Section 2.10.1. of the Land Development Code: The Development Review Committee (DRC) may waive certain code requirements when not applicable to the proposed type of development or where alternative standards may promote flexibility, economical flexibility, and environmental soundness in layout and design.

Waiver requests and required documentation may be submitted through Civic Access. Waiver requests will not be processed without required information and applicable fees paid.

Please be specific in the reason/justification for the request below.

Section Number & Title of Code: LDC 2.21.1.A(1) - Major Site Plan

Details from Code:

CODE states a Major Site Plan shall be submitted for review and approval prior to the issuance of a Building Permit or prior to the construction of site improvements when proposed improvements exceed any of the following thresholds (select all that are applicable):

- (1) Collectively, all existing and proposed impervious ground coverage equals or exceeds 35 percent of the gross site area or 9,000 square feet.
- (2) The combined driveway trip generation meets or exceeds 50 peak hour vehicle trips.
- (3) A 24-inch diameter pipe, its equivalent, or larger, is utilized to discharge stormwater runoff from the project area.

Reason/Justification for Request:

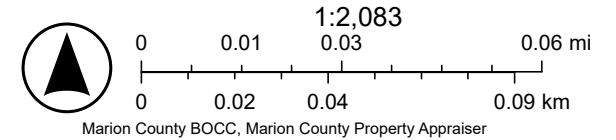
proposed condition is substantially similar, we are replacing a building that had burnt down.

ArcGIS Web Map



6/22/2026, 2:44:59 PM

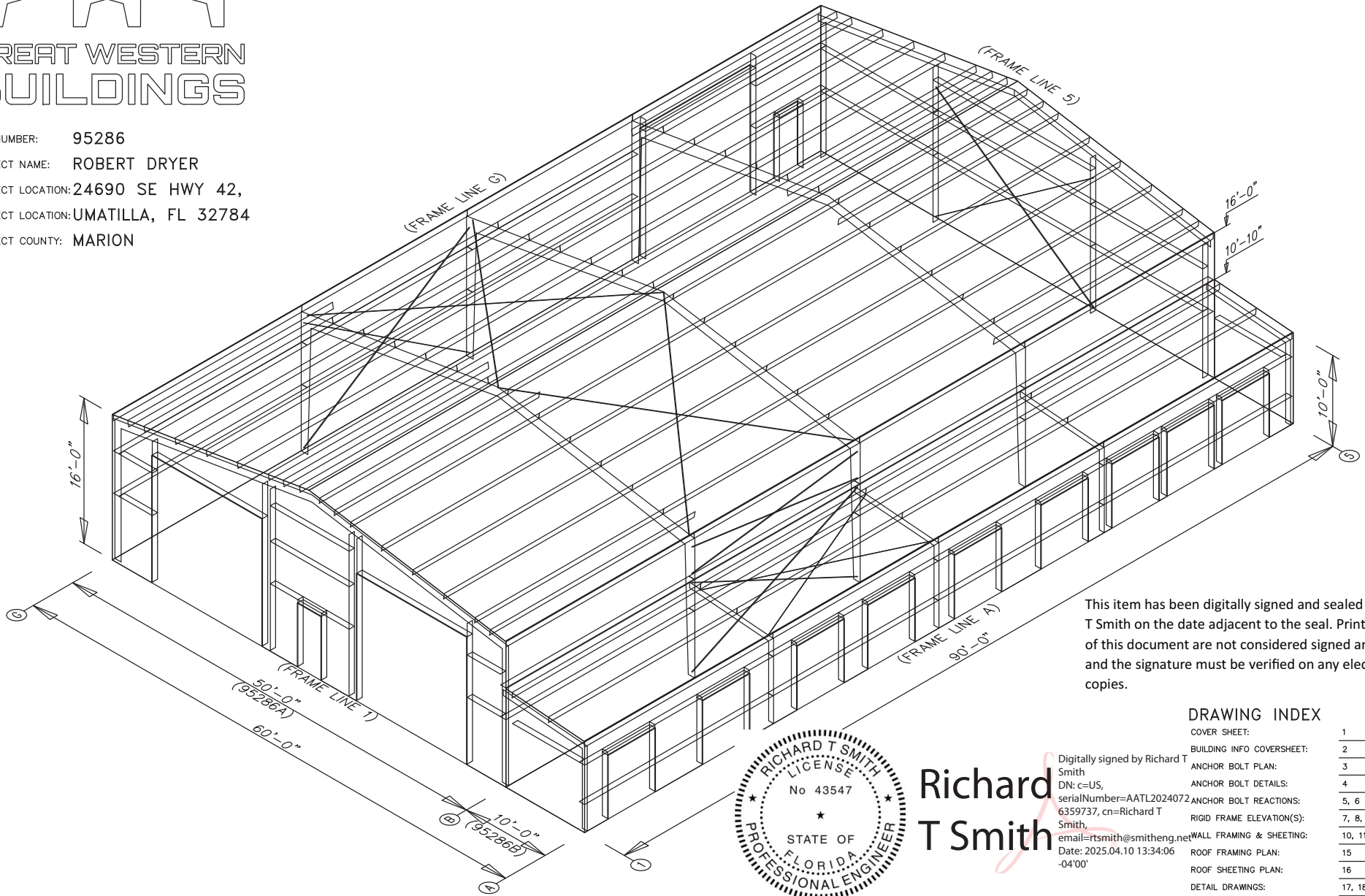
- Marion County
- Streets
- Green: Band_2
- Parcels
- Aerial 2024
- Blue: Band_3
- Red: Band_1





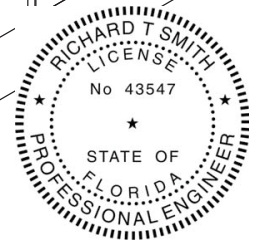
GREAT WESTERN BUILDINGS

JOB NUMBER: 95286
 PROJECT NAME: ROBERT DRYER
 PROJECT LOCATION: 24690 SE HWY 42,
 PROJECT LOCATION: UMATILLA, FL 32784
 PROJECT COUNTY: MARION



This item has been digitally signed and sealed by Richard T Smith on the date adjacent to the seal. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

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Richard T Smith

Digitally signed by Richard T Smith
 DN: c=US, serialNumber=AATL20240726359737, cn=Richard T Smith,
 email=rtsmith@smitheng.net
 Date: 2025.04.10 13:34:06 -04'00'

GENERAL NOTES

- 1.1 FABRICATION SHALL BE IN ACCORDANCE WITH METAL BUILDING SUPPLIER, STANDARD PRACTICES IN COMPLIANCE WITH THE APPLICABLE SECTIONS, RELATING TO DESIGN REQUIREMENTS AND ALLOWABLE STRESSES OF THE LATEST EDITION OF THE "AWS STRUCTURAL WELDING CODE D1.1 AND D1.3".
- 1.2 **MATERIALS**
- | ASTM DESIGNATION | MIN. YIELD STRENGTH |
|-------------------------------------|---------------------|
| HOT ROLLED STEEL SHAPES (W & C) | Fy = 50 KSI |
| HOT ROLLED STEEL ANGLES (L) | Fy = 36 KSI |
| STEEL PIPES | Fy = 42 KSI |
| STRUCTURAL TUBING | Fy = 42 KSI |
| STRUCTURAL STEEL WEB PLATE | Fy = 50 KSI |
| STRUCTURAL STEEL FLANGE PLATES/BARS | Fy = 55 KSI |
| COLD FORMED LIGHT GAGE | Fy = 55 KSI |
| ROOF & WALL SHEETS | Fy = 50, 80 KSI |
| CABLE BRACE | EXTRA HIGH STRENGTH |
| ROD BRACE | Fy = 36 KSI |
- MIN. TENSILE STRENGTH
- | | |
|--|--------------|
| MACHINE BOLTS & NUTS | Fu = 60 KSI |
| HIGH STRENGTH BOLTS (1" & LESS) | Fu = 120 KSI |
| HIGH STRENGTH BOLTS (1 1/2" TO 1 3/4") | Fu = 105 KSI |
| ANCHOR BOLTS (NOT SUPPLIED BY M.B.S.) | Fu = 60 KSI |
- 1.3 **PRIMER**
SHOP PRIMER PAINT IS A RUST INHIBITIVE PRIMER WHICH MEETS THE END PERFORMANCE OF FEDERAL SPECIFICATION SSPC NO. 15 AND IS GRAY OXIDE IN COLOR. THIS PAINT IS NOT INTENDED FOR LONG TERM EXPOSURE TO THE ELEMENTS. METAL BUILDING SUPPLIER IS NOT RESPONSIBLE FOR ANY DETERIORATION OF THE SHOP PRIMER PAINT AS A RESULT OF IMPROPER HANDLING AND/OR JOBSITE STORAGE. METAL BUILDING SUPPLIER SHALL NOT BE RESPONSIBLE FOR ANY FIELD APPLIED PAINT AND/OR COATINGS.
(AISC CODE OF STANDARD PRACTICE, LATEST EDITION).
NOMINAL THICKNESS OF PRIMER WILL BE 1 MIL UNLESS OTHERWISE SPECIFIED IN CONTRACT DOCUMENTS.
- 1.4 **GALVANIZED OR SPECIAL COATINGS:**
SEE CONTRACT DOCUMENTS
- 1.5 **ALL BOLTS ARE 1/2" x 0'-1 1/4" A307 EXCEPT:**
A) ENDWALL RAFTER SPICES = 5/8" x 0'-1 3/4" A325-N
B) ENDWALL COLUMN TO RAFTER CONNECTION - (SEE WALL ELEVATION)
C) MAIN FRAME CONNECTIONS - SEE CROSS SECTION
D) FLANGE BRACE CONNECTIONS - 1/2" x 0'-1 1/4" A325
NOTE: WASHERS ARE NOT SUPPLIED UNLESS NOTED OTHERWISE ON DRAWING
- 1.6 **A325 BOLT TIGHTENING REQUIREMENTS**
ALL HIGH STRENGTH BOLTS ARE A325-N UNLESS SPECIFICALLY NOTED OTHERWISE. NUTS ARE NOT SLOTTED AND DESIGN IS BEARING CONNECTION.
STRUCTURAL BOLTS SHALL BE TIGHTENED BY THE "TURN-OF-THE-NUT" METHOD IN ACCORDANCE WITH THE LATEST EDITION AISC SPECIFICATION FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS, WHEN SPECIFICALLY REQUIRED. A325-N BOLTS ARE SUPPLIED WITHOUT WASHER UNLESS OTHERWISE NOTED ON THE DRAWINGS.
ALL BOLTED CONNECTIONS UNLESS NOTED ARE DESIGNED AS BEARING TYPE CONNECTIONS WITH BOLT THREADS NOT EXCLUDED FROM THE SHEAR PLANE.
BUILDINGS IN SEISMIC DESIGN CATEGORY C OR LOWER AND/OR WITH CRANE SYSTEMS TO TONS OR LESS DO NOT REQUIRE TURN OF THE NUT PRE TENSIONING
- 1.7 **CLOSURE STRIPS ARE FURNISHED (IF ORDERED) FOR APPLICATION:**
INSIDE - UNDER ROOF PANELS & BASE OF WALL PANELS
OUTSIDE - BETWEEN ROOF PANELS & ROOF CAP
- BETWEEN WALL PANELS & EAVE/GABLE TRIM
- 1.8 **FIELD NOTE:**
ALL BRACING, STRAPPING, & BRIDGING SHOWN AND PROVIDED BY M.B.S. FOR THIS BUILDING IS REQUIRED AND SHALL BE INSTALLED BY THE ERECTOR AS A PERMANENT PART OF THE STRUCTURE. IF ADDITIONAL BRACING IS REQUIRED FOR STABILITY DURING ERECTION, IT SHALL BE THE ERECTOR'S RESPONSIBILITY TO DETERMINE THE AMOUNT OF SUCH BRACING AND TO PROCURE AND INSTALL AS NEEDED.
- 1.9 **ERECTION AND UNLOADING NOT BY G.W.B.**
- 1.10 **SHORTAGES**
ANY CLAIMS OR SHORTAGES BY BUYER MUST BE MADE TO M.B.S. WITHIN FIVE (5) WORKING DAYS AFTER DELIVERY, OR SUCH CLAIMS WILL BE CONSIDERED TO HAVE BEEN WAIVED BY THE CUSTOMER AND DISALLOWED.
- 1.11 **CORRECTIONS OF ERRORS AND REPAIRS (M.B.M. 6.10)**
CLAIMS FOR CORRECTION OF ALLEGED MISPTS WILL BE DISALLOWED UNLESS M.B.S. SHALL HAVE RECEIVED PRIOR NOTICE THEREOF AND ALLOWED REASONABLE INSPECTION OF SUCH MISPTS. THE CORRECTION OF MINOR MISPTS BY THE USE OF DRIFT PINS TO DRAW THE COMPONENTS INTO LINE, MODERATE AMOUNTS OF REAMING, CHIPPING AND CUTTING, AND THE REPLACEMENT OF MINOR SHORTAGES OF MATERIAL ARE A NORMAL PART OF ERECTION AND ARE NOT SUBJECT TO CLAIM. NO PART OF THE BUILDING MAY BE RETURNED FOR ALLEGED MISPTS WITHOUT THE PRIOR APPROVAL OF M.B.S.
- BUYER/END USE CUSTOMER RESPONSIBILITIES**
- 2.1 IT IS THE RESPONSIBILITY OF THE BUYER/END USE CUSTOMER TO OBTAIN APPROPRIATE APPROVALS AND SECURE NECESSARY PERMITS FROM CITY, COUNTY, STATE, OR FEDERAL AGENCIES AS REQUIRED, AND TO ADVISE/RELEASE M.B.S. TO FABRICATE UPON RECEIVING SUCH.
- 2.2 METAL BUILDING SUPPLIER (HEREAFTER REFERRED TO AS M.B.S.) STANDARD SPECIFICATIONS APPLY UNLESS STIPULATED OTHERWISE IN THE CONTRACT DOCUMENTS. M.B.S. DESIGN, FABRICATION, QUALITY CRITERIA, STANDARDS, PRACTICE, METHODS AND TOLERANCES SHALL GOVERN THE WORK WITH ANY OTHER INTERPRETATIONS TO THE CONTRARY NOTWITHSTANDING. IT IS UNDERSTOOD BY BOTH PARTIES THAT THE BUYER/END USE CUSTOMER IS RESPONSIBLE FOR CLARIFICATION OF INCLUSIONS OR EXCLUSIONS FROM THE ARCHITECTURAL PLANS AND/OR SPECIFICATIONS.
- 2.3 IN CASE OF DISCREPANCIES BETWEEN M.B.S. STRUCTURAL STEEL PLANS AND PLANS FOR OTHER TRADES, M.B.S. PLANS SHALL GOVERN. (SECTION 3 AISC CODE OF STANDARD PRACTICES, LATEST EDITION)
- 2.4 APPROVAL OF M.B.S. DRAWINGS AND CALCULATIONS INDICATE THE M.B.S. HAS CORRECTLY INTERPRETED AND APPLIED THE CONTRACT DOCUMENTS. THIS APPROVAL CONSTITUTES THE CONTRACTOR/OWNER'S ACCEPTANCE OF THE M.B.S. DESIGN CONCEPTS, ASSUMPTIONS, AND LOADING. (SECTION 4 AISC CODE AND MBMA 3.3.3.)
- 2.5 ONCE THE BUYER/END USE CUSTOMER HAS SIGNED M.B.S. APPROVAL PACKAGE AND THE PROJECT IS RELEASED FOR FABRICATION, CHANGES SHALL BE BILLED TO THE BUYER/END USE CUSTOMER INCLUDING MATERIAL, ENGINEERING AND OTHER COSTS. AN ADDITIONAL FEE MAY BE CHARGED IF THE PROJECT MUST BE MOVED FROM THE FABRICATION AND SHIPPING SCHEDULE.


- 2.6 THE BUYER/END USE CUSTOMER IS RESPONSIBLE FOR OVERALL PROJECT COORDINATION. ALL INTERFACE, COMPATIBILITY, AND DESIGN CONSIDERATIONS CONCERNING ANY MATERIALS NOT FURNISHED BY M.B.S. AND M.B.S. STEEL SYSTEM ARE TO BE CONSIDERED AND COORDINATED BY THE BUYER/END USE CUSTOMER. SPECIFIC DESIGN CRITERIA CONCERNING THIS INTERFACE BETWEEN MATERIALS MUST BE FURNISHED BEFORE RELEASE FOR FABRICATION OR M.B.S. ASSUMPTIONS WILL GOVERN (AISC CODE OF STANDARD PRACTICE, LATEST EDITION)
- 2.7 IT IS THE RESPONSIBILITY OF THE BUYER/END USE CUSTOMER TO INSURE THAT M.B.S. PLANS COMPLY WITH THE APPLICABLE REQUIREMENTS OF ANY GOVERNING BUILDING AUTHORITIES. THE SUPPLYING OF SEALED ENGINEERING DATA AND DRAWINGS FOR THE METAL BUILDING SYSTEM DOES NOT IMPLY OR CONSTITUTE AN AGREEMENT TO M.B.S. THAT M.B.S. ENGINEERS ARE ACTING AS THE ENGINEER OF RECORD OR DESIGN PROFESSIONAL FOR A CONSTRUCTION PROJECT. THESE DRAWINGS ARE SEALED ONLY TO CERTIFY THE DESIGN OF THE STRUCTURAL COMPONENTS FURNISHED BY M.B.S.
- 2.8 THE BUYER/END USE CUSTOMER IS RESPONSIBLE FOR SETTING OF ANCHOR BOLTS AND ERECTION OF STEEL IN ACCORDANCE WITH M.B.S. "FOR ERECTION" DRAWINGS ONLY. TEMPORARY SUPPORTS SUCH AS CUTS, BRACES, FALSE WORK, OR OTHER ELEMENTS REQUIRED FOR THE ERECTION OPERATION SHALL BE DETERMINED, FURNISHED AND INSTALLED BY THE ERECTOR. NO ITEMS SHOULD BE PURCHASED FROM A PRELIMINARY SET OF DRAWINGS, INCLUDING ANCHOR BOLTS. USE ONLY FINAL "FOR ERECTION" DRAWINGS FOR THIS USE. (AISC CODE OF STANDARD PRACTICE, LATEST EDITION).
- 2.9 METAL BUILDING SUPPLIER IS RESPONSIBLE FOR THE DESIGN OF THE ANCHOR BOLTS TO PERMIT THE TRANSFER OF FORCES BETWEEN THE BASE PLATE AND THE ANCHOR BOLT IN SHEAR, BEARING AND TENSION, BUT IT IS NOT RESPONSIBLE FOR THE TRANSFER OF ANCHOR BOLT FORCES TO THE CONCRETE OR THE ADEQUACY OF THE ANCHOR BOLT IN RELATION TO THE CONCRETE.
UNLESS OTHERWISE NOTED PROVIDED IN THE ORDER DOCUMENTS, M.B.S. DOES NOT DESIGN AND IS NOT RESPONSIBLE FOR THE DESIGN, MATERIAL AND CONSTRUCTION OF THE FOUNDATION OR FOUNDATION EMBLEMENTS. THE END USER CUSTOMER SHOULD BE ASSURE HIMSELF THAT ADEQUATE PROVISIONS ARE MADE IN THE FOUNDATION DESIGN FOR LOADS IMPOSED BY COLUMN REACTIONS OF THE BUILDING, OTHER IMPOSED LOADS, AND BEARING CAPACITY OF THE SOIL AND OTHER CONDITIONS OF THE BUILDING SITE. IT IS RECOMMENDED THAT THE ANCHORAGE AND ERECTION OF THE BUILDING BE DESIGNED BY A REGISTERED PROFESSIONAL ENGINEER EXPERIENCED IN THE DESIGN OF SUCH STRUCTURES. (LATEST MBMA LOW RISE BUILDING SYSTEMS MANUAL)
- 2.10 NORMAL ERECTION OPERATIONS INCLUDE THE CORRECTIONS OF MINOR MISPTS BY MODERATE AMOUNTS OF REAMING, CHIPPING, WELDING OR CUTTING, AND THE DRAWING OF ELEMENTS INTO LINE THROUGH THE USE OF DRIFT PINS. ERRORS WHICH CANNOT BE CORRECTED BY THE FOREGOING MEANS OR WHICH REQUIRE MAJOR CHANGES IN MEMBER CONFIGURATION ARE TO BE REPORTED IMMEDIATELY TO M.B.S. BY THE BUYER/END USE CUSTOMER, TO ENABLE WHOEVER IS RESPONSIBLE EITHER TO CORRECT THE ERROR OR TO APPROVE THE MOST EFFICIENT AND ECONOMIC METHOD OF CORRECTION TO BE USED BY OTHERS. (AISC CODE OF STANDARD PRACTICE LATEST EDITION)
- 2.11 NEITHER THE FABRICATOR NOR THE BUYER/END USE CUSTOMER WILL CUT, DRILL OR OTHERWISE ALTER HIS WORK, OR THE WORK OF OTHER TRADES, TO ACCOMMODATE OTHER TRADES, UNLESS SUCH WORK IS CLEARLY SPECIFIED IN THE CONTRACT DOCUMENTS. WHENEVER SUCH WORK IS SPECIFIED, THE BUYER/END USE CUSTOMER IS RESPONSIBLE FOR FURNISHING COMPLETE INFORMATION AS TO MATERIALS, SIZE, LOCATION AND NUMBER OF ALTERATIONS PRIOR TO PREPARATION OF SHOP DRAWINGS. (AISC CODE OF STANDARD PRACTICE LATEST EDITION)
- 2.12 **WARNING:** IN NO CASE SHOULD GALVALUME STEEL PANELS BE USED IN CONJUNCTION WITH LEAD OR COPPER. BOTH LEAD AND COPPER HAVE HARMFUL CORROSIVE EFFECTS ON THE GALVALUME ALLOY COATING WHEN THEY ARE IN CONTACT WITH GALVALUME STEEL PANELS, EVEN RUN-OFF FROM COPPER FLASHING, WIRING, OR TUBING ONTO GALVALUME SHOULD BE AVOIDED.
- 2.13 **SAFETY COMMITMENT:** METAL BUILDING SUPPLIER HAS A COMMITMENT TO MANUFACTURE QUALITY BUILDING COMPONENTS THAT CAN BE SAFELY ERECTED. HOWEVER, THE SAFETY COMMITMENT AND JOB SITE PRACTICES OF THE ERECTOR ARE BEYOND THE CONTROL OF M.B.S. IT IS STRONGLY RECOMMENDED THAT SAFE WORKING CONDITIONS AND ACCIDENT PREVENTION PRACTICES BE THE TOP PRIORITY OF ANY JOB SITE. LOCAL, STATE, AND FEDERAL SAFETY AND HEALTH STANDARDS SHOULD ALWAYS BE FOLLOWED TO HELP INSURE WORKERS SAFETY. MAKE CERTAIN ALL EMPLOYEES KNOW THE SAFEST AND MOST PRODUCTIVE WAY OF ERECTING A BUILDING. EMERGENCY PROCEDURES SHOULD BE KNOWN TO ALL EMPLOYEES. DAILY MEETINGS HIGHLIGHTING SAFETY PROCEDURES ARE ALSO RECOMMENDED. THE USE OF HARD HATS, RUBBER SOLE SHOES FOR ROOF WORK, PROPER EQUIPMENT FOR HANDLING MATERIAL, AND SAFETY NETS WHEN APPLICABLE, ARE RECOMMENDED.
- 2.14 ROOF DRAINAGE SYSTEMS (GUTTER, DOWNSPOUTS, ETC.) MUST BE FREE OF ANY OBSTRUCTION TO ENSURE SMOOTH OPERATION AT ANY GIVEN TIME.
- 2.15 IT IS RECOMMENDED BY FACTORY MUTUAL (REFERENCE B2.44) THAT ROOFS BE CLEARED OF SNOW WHEN HALF OF THE MAXIMUM SNOW DEPTH IS REACHED. THE MAXIMUM SNOW DEPTH CAN BE ESTIMATED BASED ON THE DESIGN SNOW LOAD AND THE DENSITY OF SNOW AND/OR ICE BUILDUP. SEE TABLE BELOW.
- | ROOF SNOW LOAD (IN PSF) | EQUIVALENT SNOW HEIGHT AT ROOF (IN INCHES) | RECOMMENDED SNOW HEIGHT WHEN SNOW REMOVAL SHOULD START (IN INCHES) |
|-------------------------|--|--|
| 20 | 16.60 | 8.30 |
| 25 | 20.75 | 10.38 |
| 30 | 24.90 | 12.45 |
| 35 | 29.05 | 14.53 |
| 40 | 33.20 | 16.60 |
| 45 | 37.35 | 18.68 |
| 50 | 41.50 | 20.75 |
| 55 | 45.65 | 22.83 |
| 60 | 49.80 | 24.90 |
| 65 | 53.95 | 26.98 |
| 70 | 58.10 | 29.05 |
| 75 | 62.25 | 31.13 |
| 80 | 66.40 | 33.20 |
- NOTE:
FOR SNOW/ICE REMOVAL PROCEDURE, REFER TO METAL BUILDING SYSTEM MANUAL 2002 EDITION, SECTION A8.4, PAGE XI-A8-2

BUILDING LOADS

THIS STRUCTURE HAS BEEN DESIGNED IN ACCORDANCE WITH THE FOLLOWING AS INDICATED:

DESIGN LOADS:	95286A;	95286B(LEAN-TO);
DESIGN CODE / WIND CODE	: FBC-23/IBC-24	: FBC-23/IBC-24
OCCUPANCY / RISK CATEGORY	: II-Normal	: II-Normal
ENCLOSURE	: Enclosed	: Enclosed
ROOF DEAD LOAD (D) (PSF)	: 2.00	: 2.06
ROOF COLLATERAL LOAD (C) (PSF)	: 1.00	: 1.00
WIND LOAD		
ULTIMATE WIND SPEED, (VULT) (MPH)	: 135.00	: 163.00
WIND EXPOSURE CATEGORY	: C	: C
INTERNAL PRESSURE COEFFICIENT, (Gcpi)	: 0.18/-0.18	: 0.18/-0.18
WALL PANEL DESIGN WIND PRESSURE (PSF)	: 36.83/-39.90	: 36.41/-39.44
WIND ENCLOSURE CLASSIFICATION	: Enclosed	: Enclosed
LIVE LOAD		
PRIMARY FRAMING (PSF)	: 20.00	: 20.00
TRIB. AREA REDUCTION	: No	: No
SECONDARY FRAMING (PSF)	: 20.00	: 20.00
SNOW LOAD		
GROUND SNOW LOAD, (Pg) (PSF)	: 0.00	: 0.00
ROOF SNOW LOAD, (P _r) (PSF)	: 0.00	: 0.00
SNOW EXPOSURE FACTOR, (Ce)	: 1.10	: 1.10
SNOW IMPORTANCE FACTOR, (Is)	: 1.00	: 1.00
THERMAL FACTOR, (Ct)	: 1.20	: 1.20
SEISMIC LOAD		
SEISMIC IMPORTANCE FACTOR, (Ie)	: 1.00	
SITE CLASSIFICATION	: D	
SPECTRAL RESPONSE ACCELERATION	: Ss = 0.095 :S1 = 0.039	
SPECTRAL RESPONSE COEFFICIENTS	: Sds = 0.087 :Sd1 = 0.055	
SEISMIC DESIGN CATEGORY	: A	
BASIC SEISMIC FORCE RESISTING SYSTEM	: STEEL SYSTEM NOT SPECIFICALLY DETAILED FOR RESISTANCE	
TOTAL DESIGN BASE SHEAR, (V) (KIPS)		
RESPONSE MODIFICATION FACTORS, (R)		
SEISMIC RESPONSE COEFFICIENTS, (Cs)		
ANALYSIS PROCEDURE USED		
OTHER LOADS/REQUIREMENTS		

ENG. CHK. RTS	
MEZ RTS	
CAE RTS	
DATE DWG. ISSUED	
DATE DWG. APPROVAL	
DATE DWG. PERMIT	



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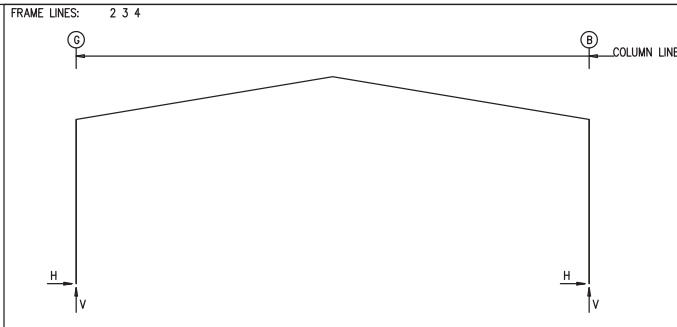
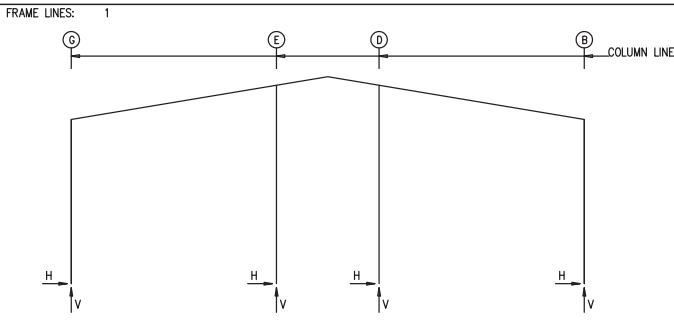
CUSTOMER NAME	ROBERT DRYER
PROJECT NAME	ROBERT DRYER
PROJECT LOCATION	4690 SE HWY 42, LIMATULA, FL 32784
PROJECT COUNTY	WABSON
PROJECT ONE USE	COMMERCIAL
CUSTOMER PHONE NUMBER	915.981.6516
CUSTOMER EMAIL	ROBERT@DRYERINDUSTRIES.COM
SCALE	N.T.S.

SHEET NUMBER	2 OF 22
JOB NUMBER	95286

BUILDING INFO COVERSHEET

THIS SEAL PERTAINS ONLY TO THE MATERIALS DESIGNED AND SUPPLIED BY GREAT WESTERN BUILDINGS. THE DRAWINGS AND THE METAL BUILDING WHICH THEY REPRESENT ARE THE PRODUCT OF GREAT WESTERN BUILDINGS. THE REGISTERED PROFESSIONAL ENGINEER WHOSE SEAL AND SIGNATURE APPEARS ON THESE DRAWINGS IS EMPLOYED BY GREAT WESTERN BUILDINGS AND DOES NOT SERVE AS OR REPRESENT THE OVERALL PROJECT ENGINEER OF RECORD AND SHALL NOT BE CONSTRUED AS SUCH.

BUILDING DESCRIPTION:	95286A;	95286B(LEAN-TO);
WIDTH (FT)	: 50.00	: 10.00
LENGTH (FT)	: 90.00	: 90.00
EAVE HEIGHT AT BSW (FT)	: 16.00	: 10.00
EAVE HEIGHT AT FSW (FT)	: 16.00	: 10.83
ROOF SLOPE AT BSW	: 2.0:12	: 1.0:12
ROOF SLOPE AT FSW	: 2.0:12	: N/A
BAY SPACING (FT)	: 1 AT 24, 2 AT 21, 1 AT 24	: 1 AT 24, 2 AT 21, 1 AT 24
COVERING AND TRIMS:		
ROOF PANELS & TRIMS		
PANEL TYPE	: 26 GA. PBR	: 26 GA. PBR
PANEL COLOR	: AZTEC GOLD	: AZTEC GOLD
TRIM COLORS		
GABLE/EAVE	: COAL BLACK	: COAL BLACK
EAVE GUTTER	: COAL BLACK	: COAL BLACK
WALL PANELS & TRIMS		
PANEL TYPE	: 26 GA. PBR	: 26 GA. PBR
PANEL COLOR	: HAWAIIAN BLUE	: HAWAIIAN BLUE
TRIM COLORS		
CORNER	: COAL BLACK	: COAL BLACK
FRAMED OPENING	: COAL BLACK	: COAL BLACK
DOWNSPOUTS	: COAL BLACK	: COAL BLACK
BASE	: HAWAIIAN BLUE	: HAWAIIAN BLUE
INSULATION		
ROOF INSULATION	: 6" (R-19) WMP-VR	: N/A
WALL INSULATION	: 4" (R-13) WMP-VR	: N/A



RIGID FRAME: MAXIMUM REACTIONS, ANCHOR BOLTS, & BASE PLATES

Frm Line	Col Line	Column_Reactions(k)						Bolt(in)		Base_Plate(in)			Grout (in)
		Load Id	Hmax H	V Vmax	Load Id	Hmin H	V Vmin	QTY	DIA	Width	Length	Thick	
1	G	3	1.4	-0.4	10	-1.9	-1.6	4	0.750	6.000	10.00	0.375	0.0
		1	0.4	3.1	8	-1.7	-3.0						
1	B	11	2.3	-2.2	2	-1.8	-0.7	4	0.750	6.000	10.00	0.375	0.0
		1	-0.4	4.5	9	1.5	-3.6						
1	E	6	2.6	-4.6	4	-2.4	-4.3	4	0.750	6.000	8.000	0.375	0.0
		1	0.0	4.5	9	0.0	-2.9						
1	D	7	2.6	-4.6	5	-2.4	-4.3	4	0.750	6.000	8.000	0.375	0.0
		1	0.0	4.5	14	0.0	-3.7						

RIGID FRAME: MAXIMUM REACTIONS, ANCHOR BOLTS, & BASE PLATES

Frm Line	Col Line	Column_Reactions(k)						Bolt(in)		Base_Plate(in)			Grout (in)
		Load Id	Hmax H	V Vmax	Load Id	Hmin H	V Vmin	QTY	DIA	Width	Length	Thick	
2*	G	11	6.6	13.6	8	-6.1	-9.1	4	0.750	6.000	10.75	0.500	0.0
		12	-1.5	-10.6									
2*	B	11	5.8	-6.0	1	-6.5	16.2	4	0.750	6.000	10.75	0.500	0.0
		1	-6.5	16.2	13	-0.6	-11.8						

2* FRAME lines: 2 3 4

ENDWALL COLUMN: BASIC COLUMN REACTIONS (k)

Frm Line	Col Line	Dead		Collat		Wind_Left1		Wind_Right1		Wind_Left2		Wind_Right2		Wind Suct
		Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert		
5	B	0.5	0.1	2.6	0.0	-4.3	0.0	-3.7	0.0	-2.0	0.0	-1.4	-2.6	2.9
5	C	0.8	0.2	4.6	-1.4	-9.1	0.0	-3.3	-2.4	-8.0	0.0	-2.2	-4.4	4.8
5	F	0.9	0.2	4.8	0.0	-4.4	2.6	-11.0	0.0	-0.9	1.6	-7.5	-4.4	4.8
5	G	0.3	0.1	1.4	0.0	-2.0	0.0	-2.5	0.0	-0.8	0.0	-1.4	-2.6	2.9

ENDWALL COLUMN: MAXIMUM REACTIONS, ANCHOR BOLTS, & BASE PLATES

Frm Line	Col Line	Column_Reactions(k)						Bolt(in)		Base_Plate(in)			Grout (in)
		Load Id	Hmax H	V Vmax	Load Id	Hmin H	V Vmin	QTY	DIA	Width	Length	Thick	
5	B	15	1.7	-2.3	16	-1.6	-1.6	4	0.750	6.000	8.000	0.375	0.0
		1	0.0	3.3	15	1.7	-2.3						
5	C	15	2.9	-4.9	16	-2.6	-4.0	4	0.750	6.000	8.000	0.375	0.0
		1	0.0	5.7	15	2.9	-4.9						
5	F	17	2.9	-6.1	18	-2.6	-3.9	4	0.750	6.000	8.000	0.375	0.0
		1	0.0	5.9	17	2.9	-6.1						
5	G	19	1.7	-1.7	18	-1.6	-1.7	4	0.750	6.000	8.000	0.375	0.0
		1	0.0	1.8	19	1.7	-1.7						

RIGID FRAME: BASIC COLUMN REACTIONS (k)

FRAME Line	Column Line	Dead		Collateral		Live		Wind_Left1		Wind_Right1		Wind_Left2	
		Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert
1	G	0.1	0.5	0.0	0.1	0.3	2.5	-2.9	-5.5	2.3	-1.5	-3.3	-3.1
1	B	0.0	0.7	0.0	0.2	-0.3	3.6	-3.0	-2.3	2.5	-6.7	-1.6	0.1
1	E	0.0	0.7	0.0	0.2	0.0	3.6	0.0	-1.9	0.0	-5.6	0.0	-1.0
1	D	0.0	0.7	0.0	0.2	0.0	3.6	0.0	-6.2	0.0	-2.9	0.0	-3.8
2*	G	0.8	1.8	0.3	0.6	5.5	11.2	-10.9	-17.0	-1.5	-11.2	-9.3	-9.7
2*	B	-0.7	2.1	-0.3	0.7	-5.5	13.4	0.0	-12.5	10.3	-19.8	0.2	-4.9

RIGID FRAME: Seismic Reactions

FRAME Line	Column Line	Wind_Right2		Wind_Press		Wind_Suct		Wind_Long1		Wind_Long2		Seismic_Left	
		Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert
1	G	1.9	0.9	0.0	0.0	0.0	0.0	0.8	-4.4	-4.4	-0.1	-0.1	
1	B	3.8	-4.4	0.0	0.0	0.0	0.0	-2.1	-4.6	-2.6	-5.1	-0.1	0.1
1	E	0.0	-4.6	-4.0	0.0	4.4	0.0	0.0	-4.1	0.0	0.1	0.0	0.2
1	D	0.0	-0.5	-4.0	0.0	4.4	0.0	0.0	-2.7	0.0	-6.9	0.0	-0.1
2*	G	0.1	-3.9	0.0	0.0	0.0	0.0	-3.2	-19.5	-4.2	-17.1	-0.1	-0.1
2*	B	10.5	-12.1	0.0	0.0	0.0	0.0	0.8	-19.4	-0.2	-21.7	-0.1	0.1

2* FRAME lines: 2 3 4
a - Out-Of-Plane Horizontal Load

NOTES FOR REACTIONS

Building reactions are based on the following building data:

- Width (ft) = 50.00
- Length (ft) = 90.00
- Eave Height (ft) = 16.00/16.00
- Roof Slope (rise/12) = 2.0/12/2.0/12
- Dead Load (psf) = 2.00
- Collateral Load (psf) = 1.00
- Live Load (psf) = 20.00
- Snow Load (psf) = 0.00
- Ultimate Wind Speed (mph) = 135.00
- Wind Code = FBC-23/IBC-24
- Exposure = C
- Closed/Open = Enclosed
- Importance Wind = 1.00
- Importance Seismic = 1.00
- Seismic Zone = A
- Seismic Coeff (Fa/Ss) = 0.13

BUILDING BRACING REACTIONS

Loc	Wall Line	Col Line	± Reactions(k)				Panel_Shear (lb/ft)		Note
			Horz	Vert	Horz	Vert	Wind	Seis	
L_EW	1								(h)
F_SW	B	2,3	7.4	4.8	0.6	0.4			
R_EW	5	C,F	2.5	2.2	0.1	0.1			
B_SW	G	3,2	5.8	4.0	0.4	0.3			

(h) Rigid frame at endwall
Reactions for seismic represent shear force, Eh
Reaction values shown are unfactored

ANCHOR BOLT SUMMARY

QTY	LOCATE	DIA (in)	TYPE
○ 12	JAMB	5/8"	A307
⊗ 24	ENDWALL	3/4"	A307
⊗ 32	FRAME	3/4"	A307

ISSUE	APPROVAL	PERMIT	DATE	DWNL	CHK.	ENG.
NO.	BY	NO.	MM/YY	MM/YY	MEZ	RTS

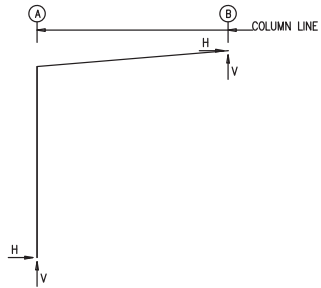
GREAT WESTERN BUILDINGS

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PHONE: (800)-497-2135
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CUSTOMER NAME: ROBERT DRYER	PROJECT NAME: ROBERT DRYER	PROJECT LOCATION: 44890 SE HWY 42, JIMATHILA, FL 32784
PROJECT COUNTY: MARION	PROJECT DISTRICT: COLMERCIAL	CUSTOMER PHONE NUMBER: 815.861.6516
CUSTOMER EMAIL: ROBERT@DRYERINDUSTRIES.COM	SCALE: N.T.S.	SHEET NUMBER: 5 OF 22
		JOB NUMBER: 95286
		SHEET TITLE: ANCHOR BOLT REACTIONS FOR 95286A

THIS SEAL PERTAINS ONLY TO THE MATERIALS DESIGNED AND SUPPLIED BY GREAT WESTERN BUILDINGS. THE DRAWINGS AND THE METAL BUILDING WHICH THEY REPRESENT ARE THE PRODUCT OF GREAT WESTERN BUILDINGS. THE REGISTERED PROFESSIONAL ENGINEER WHOSE SEAL AND SIGNATURE APPEARS ON THESE DRAWINGS IS EMPLOYED BY GREAT WESTERN BUILDINGS AND DOES NOT SERVE AS OR REPRESENT THE OVERALL PROJECT ENGINEER OF RECORD AND SHALL NOT BE CONSTRUED AS SUCH.

FRAME LINES: 5 4 3 2 1



NOTES FOR REACTIONS

Building reactions are based on the following building data:

- Width (ft) = 10.00
- Length (ft) = 90.00
- Eave Height (ft) = 10.00/10.83
- Roof Slope (rise/12) = 1.0/12
- Dead Load (psf) = 2.06
- Collateral Load (psf) = 1.00
- Live Load (psf) = 20.00
- Snow Load (psf) = 0.00
- Ultimate Wind Speed (mph) = 135.00
- Wind Code = FBC-23/IBC-24
- Exposure = C
- Closed/Open = Enclosed
- Importance Wind = 1.00
- Importance Seismic = 1.00
- Seismic Zone = A
- Seismic Coeff (Fa*Se) = 0.13

ID Description

- 1 Dead+Collateral+Live
- 2 0.6Dead+0.6Wind_Left1
- 3 0.6Dead+0.6Wind_Left2
- 4 0.6Dead+0.6Wind_Long1R
- 5 0.6Dead+0.6Wind_Long2R

RIGID FRAME: MAXIMUM REACTIONS, ANCHOR BOLTS, & BASE PLATES

Frm Line	Col Line	Column_Reactions(k)						Bolt(in)		Base_Plate(in)			Grout (in)
		Load Id	Hmax	V Vmax	Load Id	Hmin	V Vmin	QTY	DIA	Width	Length	Thick	
5	A	5	0.7	-0.6	3	-0.7	-0.4	4	0.750	6.000	8.000	0.375	0.0
		1	0.0	1.6	4	0.7	-1.0						
5	B	4	1.1	-0.8	3	-0.7	-0.6	1	0.0	1.4	2	-0.1	-0.9
		1	0.0	1.4	2	-0.1	-0.9						

RIGID FRAME: MAXIMUM REACTIONS, ANCHOR BOLTS, & BASE PLATES

Frm Line	Col Line	Column_Reactions(k)						Bolt(in)		Base_Plate(in)			Grout (in)
		Load Id	Hmax	V Vmax	Load Id	Hmin	V Vmin	QTY	DIA	Width	Length	Thick	
4*	A	5	1.2	-1.2	3	-1.2	-0.9	4	0.750	6.000	8.000	0.375	0.0
		1	0.1	2.9	4	-2.0	-2.0						
4*	B	5	2.1	-0.9	3	-1.2	-1.1	1	0.0	1.4	2	-0.2	-1.8
		1	-0.1	2.5	2	-0.2	-1.8						

4* FRAME lines: 4 3 2

RIGID FRAME: MAXIMUM REACTIONS, ANCHOR BOLTS, & BASE PLATES

Frm Line	Col Line	Column_Reactions(k)						Bolt(in)		Base_Plate(in)			Grout (in)
		Load Id	Hmax	V Vmax	Load Id	Hmin	V Vmin	QTY	DIA	Width	Length	Thick	
1	A	5	0.7	-0.6	3	-0.7	-0.4	4	0.750	6.000	8.000	0.375	0.0
		1	0.0	1.6	4	0.7	-1.0						
1	B	4	1.1	-0.8	3	-0.7	-0.6	1	0.0	1.4	2	-0.1	-0.9
		1	0.0	1.4	2	-0.1	-0.9						

RIGID FRAME: BASIC COLUMN REACTIONS (k)

FRAME Line	Column Line	Dead		Collateral		Live		Wind_Left1		Wind_Right1		Wind_Left2	
		Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert
5	A	0.0	0.3	0.0	0.1	0.0	1.3	-0.5	-1.8	0.8	-1.3	-1.1	-1.0
5	B	0.0	0.2	0.0	0.1	0.0	-0.1	-1.7	1.3	-1.0	-1.1	-1.1	-1.1
4*	A	0.0	0.4	0.0	0.1	0.1	2.4	-0.8	-3.4	1.5	-2.4	-2.0	-1.8
4*	B	0.0	0.3	0.0	0.1	-0.1	2.1	-0.3	-3.2	2.4	-1.8	-2.1	-2.0
1	A	0.0	0.3	0.0	0.1	0.0	1.3	-0.5	-1.8	0.8	-1.3	-1.1	-1.0
1	B	0.0	0.2	0.0	0.1	0.0	1.2	-0.1	-1.7	1.3	-1.0	-1.1	-1.1

FRAME Line	Column Line	Wind_Right2		Wind_Long1		Wind_Long2		Seismic_Left		Seismic_Right		Seismic_Long1	
		Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert
5	A	0.2	-0.4	1.1	-2.0	1.1	-1.3	0.0	0.0	0.0	0.0	0.0	0.0
5	B	0.3	-0.3	1.8	-1.6	1.7	-0.9	0.0	0.0	0.0	0.0	0.0	0.0
4*	A	0.3	-0.8	2.0	-3.7	2.1	-2.4	0.0	0.0	0.0	0.0	0.0	0.0
4*	B	0.6	-0.6	2.9	-2.9	3.4	-1.7	0.0	0.0	0.0	0.0	-0.1	0.0
1	A	0.2	-0.4	1.1	-2.0	1.1	-1.3	0.0	0.0	0.0	0.0	0.0	0.0
1	B	0.3	-0.3	1.8	-1.6	1.7	-0.9	0.0	0.0	0.0	0.0	0.0	0.0

FRAME Line	Column Line	Seismic_Long2	
		Horz	Vert
5	A	0.0	0.0
5	B	0.0	0.0
4*	A	0.0	0.0
4*	B	0.1	0.0
1	A	0.0	0.0
1	B	0.0	0.0

4* FRAME lines: 4 3 2

BUILDING BRACING REACTIONS

Loc	Wall Line	Col Line	± Reactions(k)				Panel Shear (lb/ft)		Note
			Wind Horz	Wind Vert	Seismic Horz	Seismic Vert	Wind	Seis	
L_EW	5							(h)	
F_SW	B							(e)	
R_EW	1							(h)	
B_SW	A		Torsional Bracing Used						

(e) Bracing loads must be applied to supporting building
(h) Rigid frame at endwall

Reactions for seismic represent shear force, Eh
Reaction values shown are unfactored

ANCHOR BOLT SUMMARY

QTY	LOCATE	DIA (in)	TYPE
20	FRAME	3/4"	A307

ISSUE	APPROVAL	PERMIT	DATE	DWN	CHK.	ENG.
			MM/YY	MM/YY	MEZ	RTS
					CAF	

GREAT WESTERN BUILDINGS
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CUSTOMER NAME: ROBERT DRYER	PROJECT NAME: ROBERT DRYER
PROJECT LOCATION: 74690 SE HWY 42, LIMATULLA, FL 32784	PROJECT COUNTY: MARION
PROJECT ENG USE: COMMERCIAL	CUSTOMER PHONE NUMBER: 615-861-6516
CUSTOMER EMAIL: ROBERT@DRYERINDUSTRIES.COM	SCALE: N.T.S.
SHEET NUMBER: 6 OF 22	SHEET TITLE: ANCHOR BOLT REACTIONS FOR 95286

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SPLICE BOLT TABLE						CAP PLATE BOLTS					
Mark	Qty Top	Qty Bot	Int	Type	Dia	Length	Mark	Qty	Type	Dia	Length
SP1	4	4	0	A325	5/8"	1 3/4"	EC-1	4	A325	5/8"	1 1/2"
SP4	4	0	0	A325	5/8"	1 3/4"	EC-2	4	A325	5/8"	1 1/2"

MEMBER SIZE TABLE		
MARK	MEMBER	LENGTH
RF1-1	W10X12	15'-3 5/8"
RF1-2	W10X12	24'-5 15/16"
RF1-3	W10X12	15'-3 5/8"
EC-1	W8X10	17'-9 15/16"
EC-2	W8X10	17'-9 15/16"
RF3-100	W8X10	9'-3 3/4"
RF3-101	W8X10	9'-4 5/16"

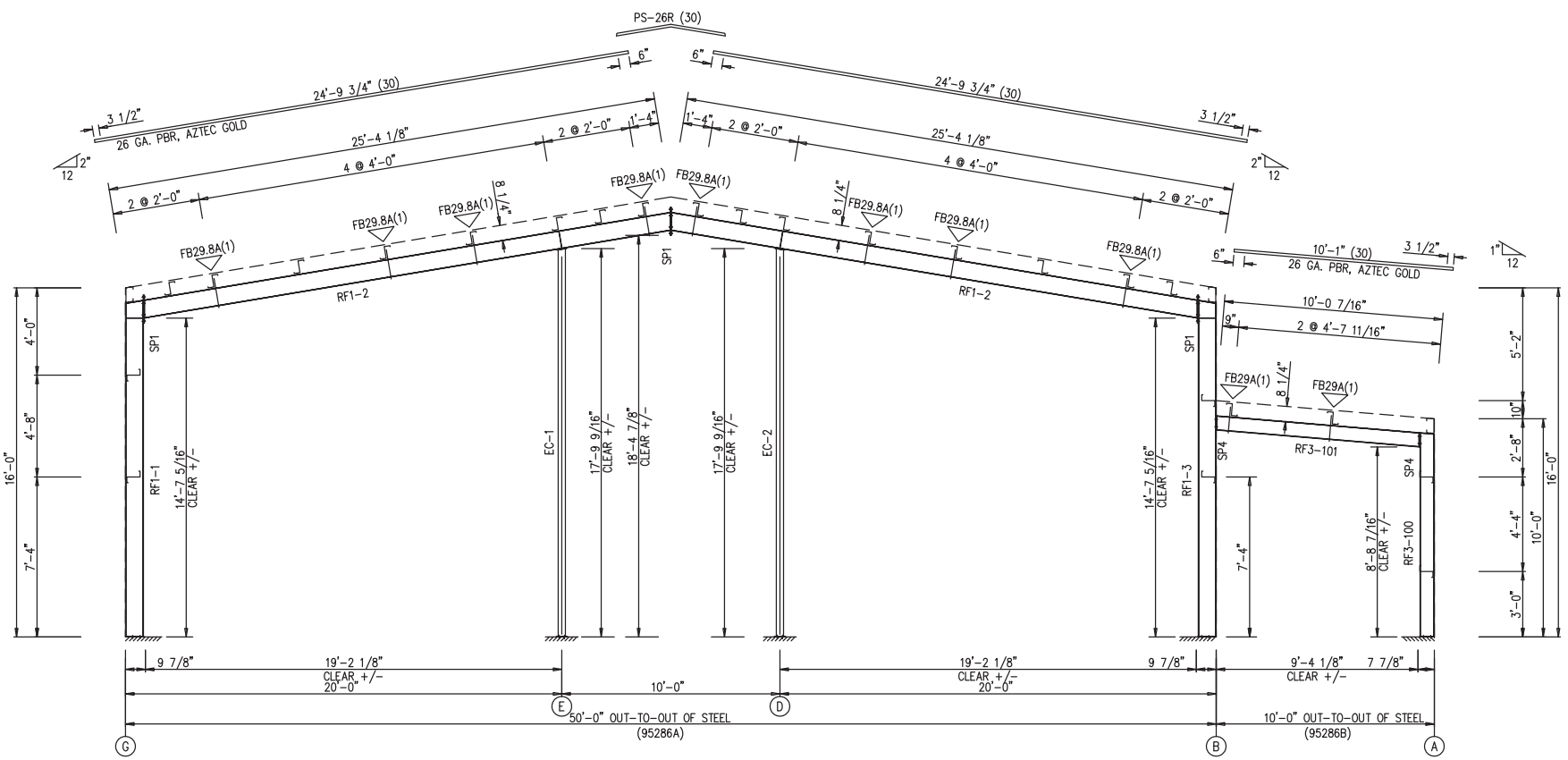
ISSUE	DATE	ISSUED BY	CHKD BY	ENG.
APPROVAL				
PERMIT				

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CUSTOMER NAME: ROBERT DRYER	PROJECT NAME: ROBERT DRYER
PROJECT LOCATION: 24690 SE HWY 42, JIMATILLA, FL 32784	PROJECT COUNTY: MARION
PROJECT END USE: COMMERCIAL	CUSTOMER PHONE NUMBER: 015-861.6516
CUSTOMER EMAIL: ROBERT@DRYERINDUSTRIES.COM	SCALE: N.T.S.
SHEET NUMBER: 7 OF 22	DWG NUMBER: 95286
SHEET TITLE: RIGID FRAME ELEVATION	

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▽ FLANGE BRACES: FBxx (1 or 2)
 xx=length(in)
 (1) One Side; (2) Two Sides
 A - 2X2X14Ga



RIGID FRAME ELEVATION: FRAME LINE 1

SPLICE BOLT TABLE						
Mark	Qty Top	Qty Bot	Int	Type	Dia	Length
SP1	4	4	0	A325	3/4"	2 1/4"
SP2	4	4	0	A325	5/8"	2"
SP3	4	0	0	A325	5/8"	1 3/4"

▽ FLANGE BRACES: FBxx (1 or 2)
 xx=length(in)
 (1) One Side; (2) Two Sides
 A - 2X2X14Ga

MEMBER TABLE						
Mark	Web Depth		Web Plate		Outside Flange	Inside Flange
	Start/End	Thick	Length	Length	W x Thk x Length	W x Thk x Length
RF2-1	10.0/14.9	0.135	13'-6 1/8"	6 x 1 1/4" x 15'-2 7/8"	6 x 3/8" x 13'-9 3/16"	
	14.9/15.0	0.250	1'-11 5/16"	6 x 1/4" x 1'-3 7/16"		
RF2-2	17.0/12.8	0.135	20'-0"	5 x 1/4" x 23'-10 7/8"	5 x 3/8" x 9'-5 3/4"	
	12.8/12.0	0.135	4'-1 3/4"		5 x 1/4" x 14'-6"	
RF2-3	12.0/12.8	0.135	4'-1 5/8"	5 x 1/4" x 23'-10 3/4"	5 x 1/4" x 14'-6"	
	12.8/17.0	0.135	20'-0"		5 x 3/8" x 9'-5 5/8"	
RF2-4	15.0/14.9	0.250	1'-11 5/16"	6 x 1/4" x 1'-3 9/16"	6 x 3/8" x 13'-9 3/16"	
	14.9/10.0	0.135	13'-6 1/8"	6 x 1/4" x 5'-1 11/16"	6 x 1/4" x 9'-5 1/4"	

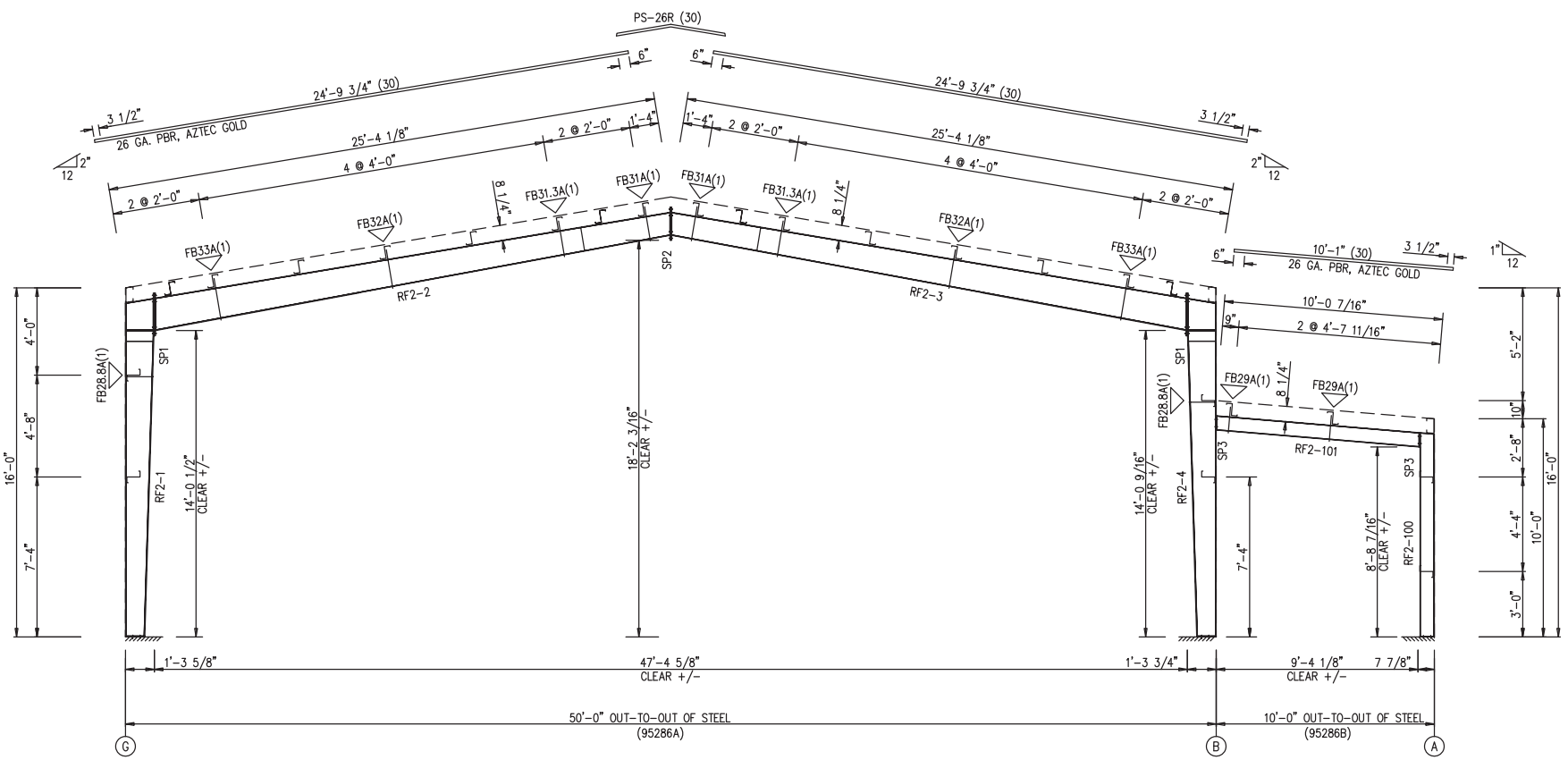
MEMBER SIZE TABLE		
MARK	MEMBER	LENGTH
RF2-100	WBX10	9'-3 3/4"
RF2-101	WBX10	9'-4 5/16"

ISSUE	APPROVAL	PERMIT	DATE	DWNL	CHK	ENG.
NO.	BY	NO.	MM/YY	NO.	MEZ	RTS

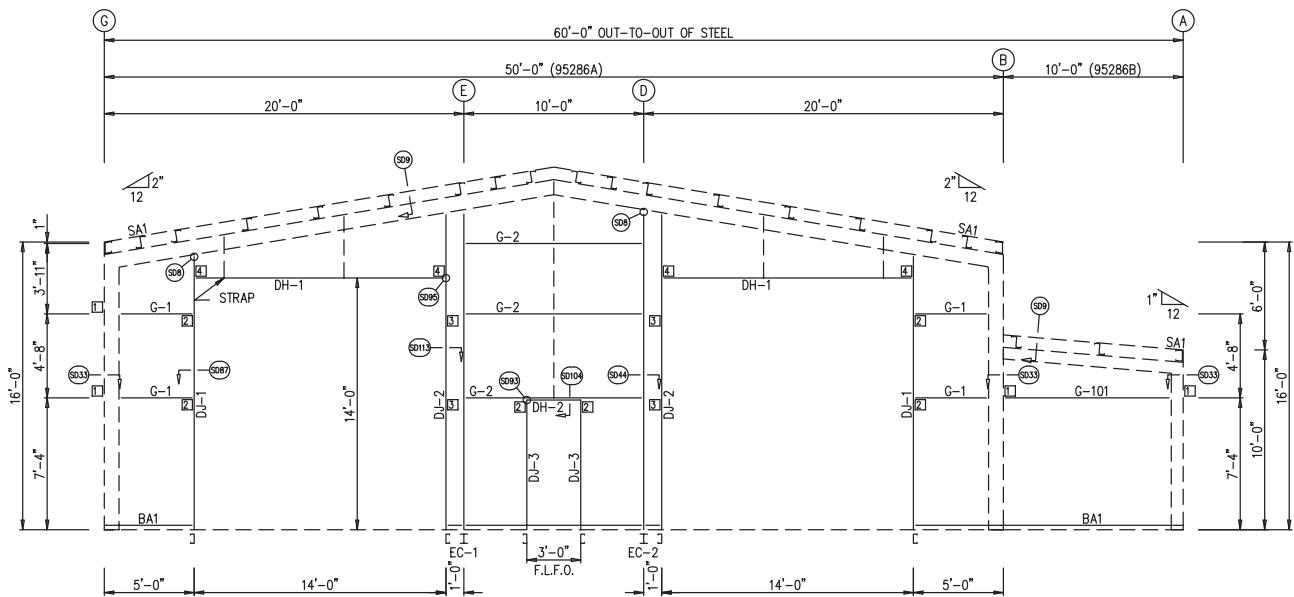
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CUSTOMER NAME: ROBERT DRYER	PROJECT NAME: ROBERT DRYER
PROJECT LOCATION: 24690 SE HWY 42, LIMATULLA, FL 32784	PROJECT COUNTY: MARION
PROJECT END USE: COMMERCIAL	CUSTOMER PHONE NUMBER: 815-861-6516
CUSTOMER EMAIL: ROBERT@DRYERINDUSTRIES.COM	SCALE: N.T.S.
SHEET NUMBER: 8 OF 22	JOB NUMBER: 95286
SHEET TITLE: RIGID FRAME ELEVATION	

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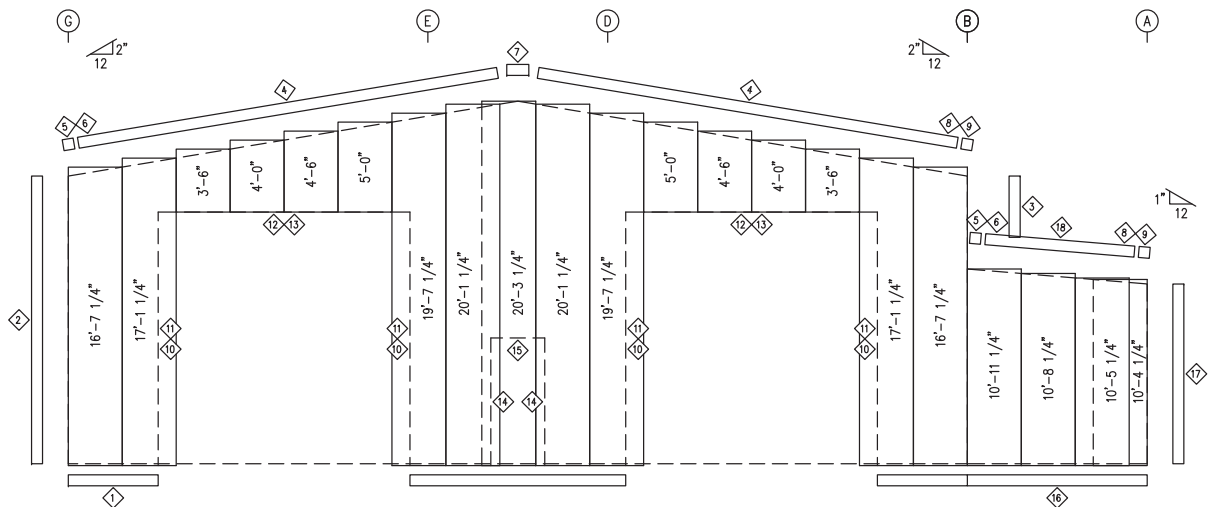


RIGID FRAME ELEVATION: FRAME LINES 2 3 4



ENDWALL FRAMING: FRAME LINE 1

NOTE: F.L.F.O. = FIELD LOCATED FRAMED OPENING



ENDWALL SHEETING & TRIM: FRAME LINE 1

PANELS: 26 GA. PBR - HAWAIIAN BLUE

TRIM TABLE FRAME LINE 1				
ID	QUAN	PART	LENGTH	DETAIL
1	3	FL-60	10'-2"	TD74
2	1	FL-10	16'-0"	TD40
3	1	FL-10	5'-2"	TD40
4	4	FL-21	7'-10"	TD35
5	2	FL-21L	11'-2"	TD85
6	2	FL-328L	9 1/2"	TD13
7	1	FL-23	1'-4"	
8	2	FL-21R	11'-2"	TD85
9	2	FL-328R	9 1/2"	TD13
10	4	FL-55	14'-2"	TD51
11	4	FL-48	14'-2"	TD51
12	2	FL-55	14'-7"	TD52
13	2	FL-52	14'-4"	TD52
14	2	FL-48	7'-2"	TD51
15	1	FL-52	3'-4"	TD52
16	1	FL-60	10'-2"	TD74
17	1	FL-502	10'-0"	TD40
18	1	FL-21	1"	TD35

BOLT TABLE FRAME LINE 1				
LOCATION	QUAN	TYPE	DIA	LENGTH
COLUMNS/RAFTER	4	A325	5/8"	1 1/2"
JAMBS/RAFTER	2	A325	5/8"	1 1/2"

MEMBER TABLE FRAME LINE 1				
QUAN	MARK	PART	LENGTH	
1	EC-1	W8X10	17'-9	15/16"
1	EC-2	W8X10	17'-9	15/16"
2	DJ-1	8X35C14	15'-2	7/8"
2	DJ-2	8X35C14	17'-6	7/8"
2	DJ-3	8X25C16	7'-0"	
2	DH-1	8X25C16	13'-11	1/2"
1	DH-2	GH-1	3'-0"	
4	G-1	8X25Z16	3'-9	13/16"
3	G-2	8X25Z16	9'-3	13/16"
1	G-101	8X25Z16	9'-3	5/8"

CONNECTION PLATES FRAME LINE 1		
ID	QUAN	MARK
1	4	4" ZEE
2	6	CL-103
3	4	GW-500
4	4	CL-100

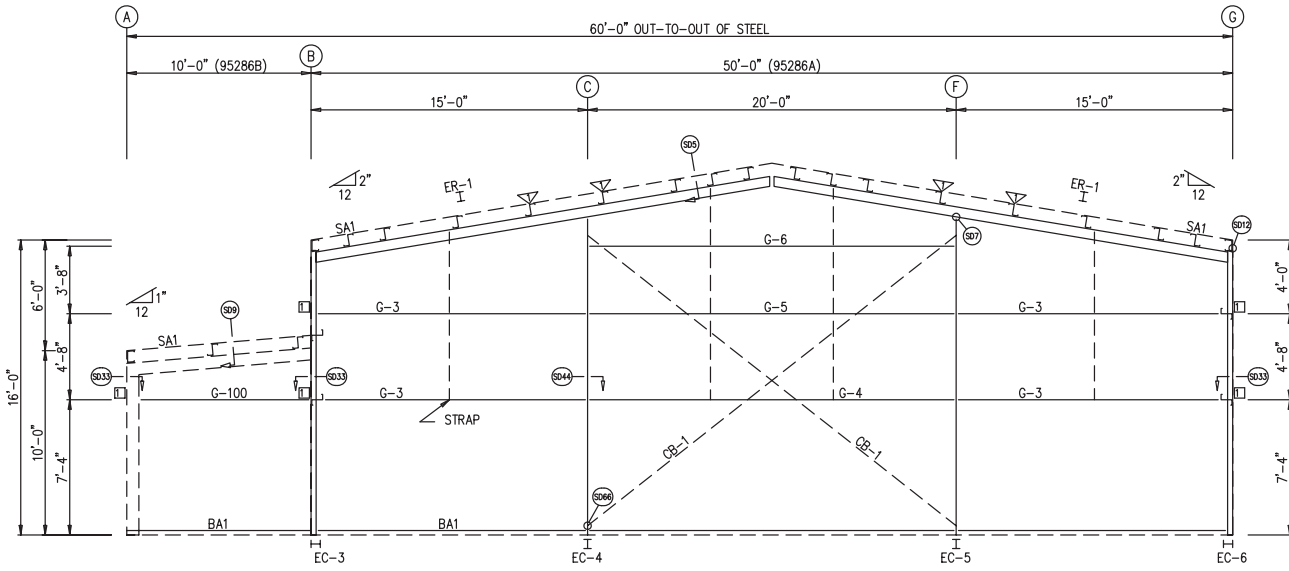
ENG.	CHK.	RTS	MEZ	CAF	DATE	ISSUE	APPROVAL	PERMIT

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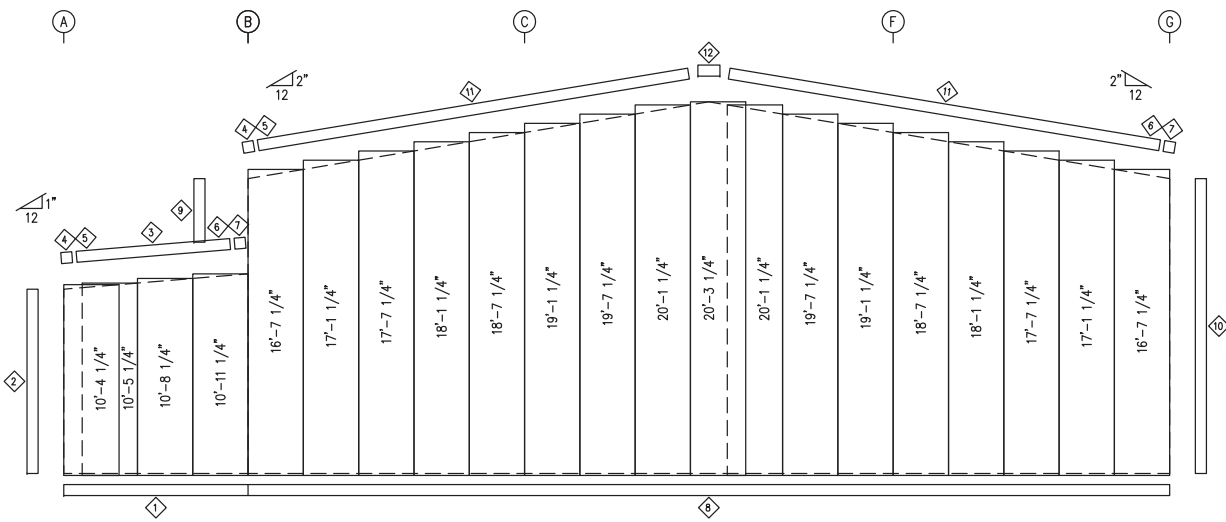
CUSTOMER NAME: ROBERT DRYER
PROJECT NAME: ROBERT DRYER
PROJECT LOCATION: 74690 SE HWY 42, LIMATULLA, FL 32784
PROJECT COUNTY: MARION
PROJECT ENG USE: COMMERCIAL
CUSTOMER PHONE NUMBER: 615.861.6516
CUSTOMER EMAIL: ROBERT@DRYERINDUSTRIES.COM
SCALE: N.T.S.

SHEET NUMBER: 10 OF 22
JOB NUMBER: 95286
SHEET TITLE: WALL FRAMING & SHEETING

THIS SEAL PERTAINS ONLY TO THE MATERIALS DESIGNED AND SUPPLIED BY GREAT WESTERN BUILDINGS. THE DRAWINGS AND THE METAL BUILDING WHICH THEY REPRESENT ARE THE PRODUCT OF GREAT WESTERN BUILDINGS. THE REGISTERED PROFESSIONAL ENGINEER WHOSE SEAL AND SIGNATURE APPEARS ON THESE DRAWINGS IS EMPLOYED BY GREAT WESTERN BUILDINGS AND DOES NOT SERVE AS OR REPRESENT THE OVERALL PROJECT ENGINEER OF RECORD AND SHALL NOT BE CONSTRUED AS SUCH.



ENDWALL FRAMING: FRAME LINE 5



ENDWALL SHEETING & TRIM: FRAME LINE 5
PANELS: 26 GA. PBR - HAWAIIAN BLUE

TRIM TABLE FRAME LINE 5				
∅/ID	QUAN	PART	LENGTH	DETAIL
1	1	FL-60	10'-2"	TD74
2	1	FL-502	10'-0"	TD40
3	1	FL-21	1"	TD35
4	2	FL-21L	11'-2"	TD85
5	2	FL-328L	9 1/2"	TD13
6	2	FL-21R	11'-2"	TD85
7	2	FL-328R	9 1/2"	TD13
8	5	FL-60	10'-2"	TD74
9	1	FL-10	5'-2"	TD40
10	1	FL-10	16'-0"	TD40
11	4	FL-21	7'-10"	TD35
12	1	FL-23	1'-4"	

BOLT TABLE FRAME LINE 5				
LOCATION	QUAN	TYPE	DIA	LENGTH
COR_COLUMN/RAFTER	4	A325	5/8"	1 1/2"
ER-1/ER-1	8	A325	5/8"	1 1/2"
INT_COLUMN/RAFTER	2	A325	5/8"	1 1/2"

MEMBER TABLE FRAME LINE 5				
QUAN	MARK	PART	LENGTH	
1	EC-3	W8X10	15'-4	15 1/16"
1	EC-4	W8X10	17'-0	7 7/8"
1	EC-5	W8X10	17'-0	7 7/8"
1	EC-6	W8X10	15'-4	15 1/16"
2	ER-1	W8X10	24'-9	7 1/16"
4	G-3	8X25Z16	13'-11	3 3/4"
1	G-4	8X25Z12	19'-3	13 1/16"
1	G-5	8X35Z16	19'-3	13 1/16"
1	G-6	8X25Z16	19'-3	13 1/16"
2	CB-1	CB0250	26'-1	1 1/4"
1	G-100	8X25Z16	9'-3	5 7/8"

CONNECTION PLATES FRAME LINE 5			
∅/ID	QUAN	MARK	
1	5	4" ZEE	

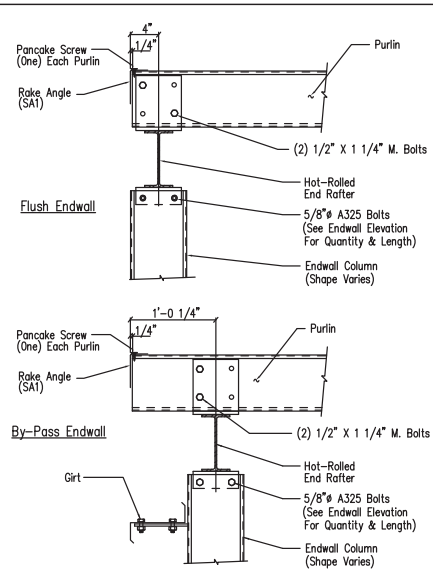
FLANGE BRACE TABLE FRAME LINE 5		
∇/ID	QUAN	MARK
1	4	FB29A

ISSUE	APPROVAL	PERMIT	DATE	DWNL	CHK.	ENG.
NO.	BY	NO.	MM/YY	MM/YY	MEZ	RTS

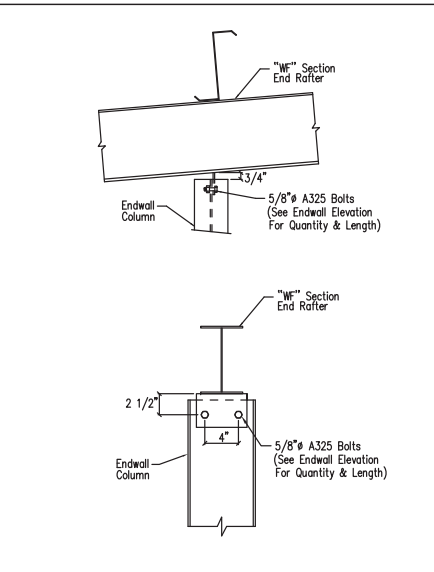
GREAT WESTERN BUILDINGS
1101 3RD AVE
GRAND JUNCTION, CO 81501
PHONE: (800)-497-2135
WWW.GREATWESTERNBUILDINGS.COM

CUSTOMER NAME: ROBERT DRYER	PROJECT LOCATION: 24690 SE HWY 42, LIMATULLA, FL 32784
PROJECT COUNTY: MARION	PROJECT ENG USE: COMMERCIAL
CUSTOMER PHONE NUMBER: 615.861.6516	CUSTOMER EMAIL: ROBERT@DRYERINDUSTRIES.COM
SCALE: N.T.S.	SHEET NUMBER: 11 OF 22
	DWG NUMBER: 95286
	SHEET TITLE: WALL FRAMING & SHEETING

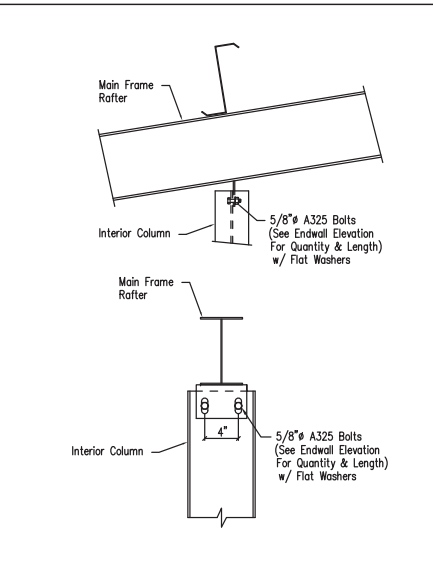
THIS SEAL PERTAINS ONLY TO THE MATERIALS DESIGNED AND SUPPLIED BY GREAT WESTERN BUILDINGS. THE DRAWINGS AND THE METAL BUILDING WHICH THEY REPRESENT ARE THE PRODUCT OF GREAT WESTERN BUILDINGS. THE REGISTERED PROFESSIONAL ENGINEER WHOSE SEAL AND SIGNATURE APPEARS ON THESE DRAWINGS IS EMPLOYED BY GREAT WESTERN BUILDINGS AND DOES NOT SERVE AS OR REPRESENT THE OVERALL PROJECT ENGINEER OF RECORD AND SHALL NOT BE CONSTRUED AS SUCH.



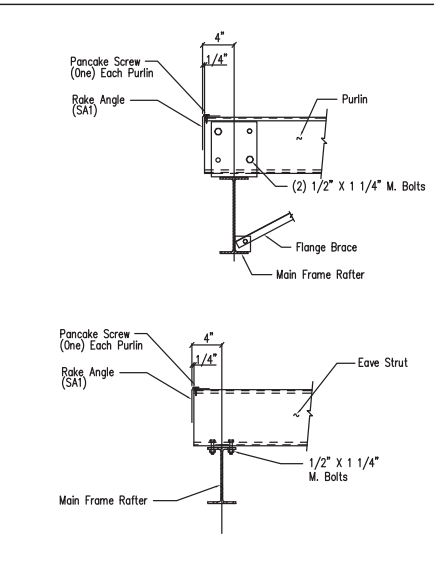
DRAWING NO. SD5



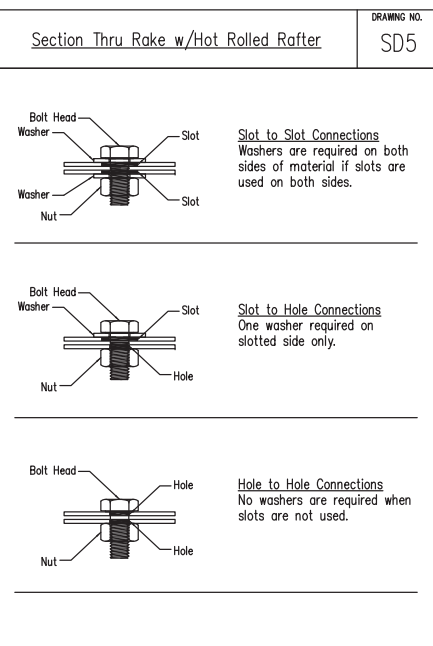
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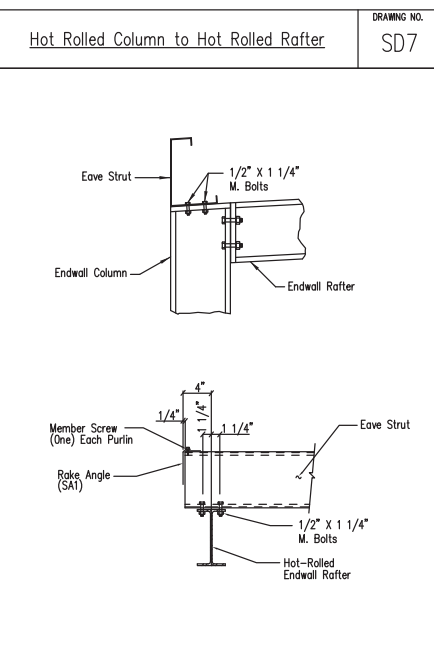
DRAWING NO. SD8



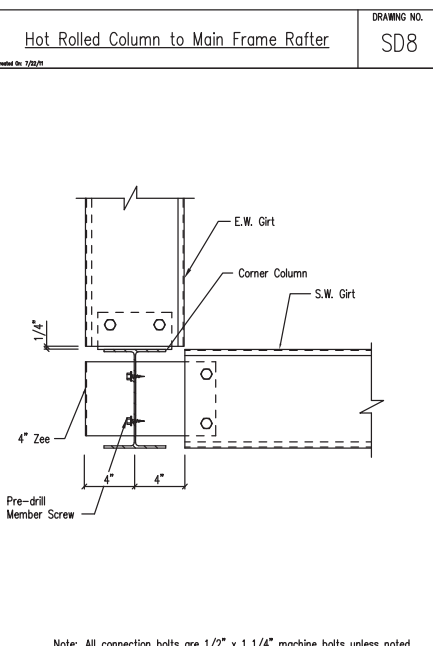
DRAWING NO. SD9



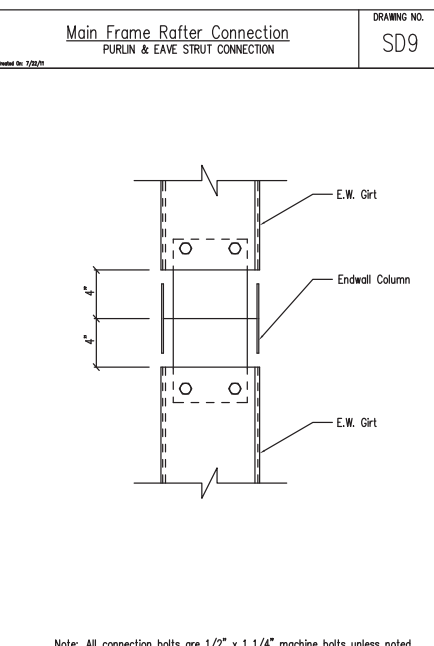
DRAWING NO. SD11



DRAWING NO. SD12



DRAWING NO. SD33



DRAWING NO. SD44

ISSUE	APPROVAL	PERMIT	DATE	DWNL	CHK.	ENG.
			3/25	MEZ	MEZ	RTS
			MM/25	AA	CAF	RTS

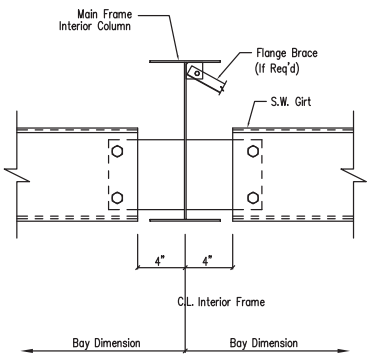
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 GRAND JUNCTION, CO 81501
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CUSTOMER NAME: ROBERT DRYER
 PROJECT NAME: ROBERT DRYER
 PROJECT LOCATION: 24690 SE HWY 42, LIMATULA, FL 32784
 PROJECT COUNTY: MARION
 PROJECT ENG USE: COMMERCIAL
 CUSTOMER PHONE NUMBER: 615-861-6516
 CUSTOMER EMAIL: ROBERT@DRYERINDUSTRIES.COM
 SCALE: N.T.S.

SHEET NUMBER: 17 OF 22
 JOB NUMBER: 95286
 SHEET TITLE: DETAIL DRAWINGS

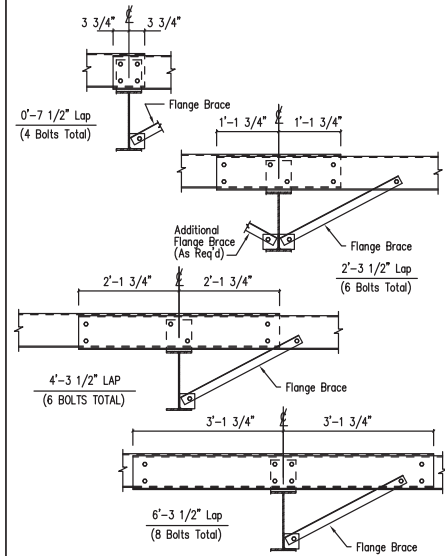
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Note: All connection bolts are 1/2" x 1 1/4" machine bolts unless noted.

Section at Interior MF Column
Flush Sidewall

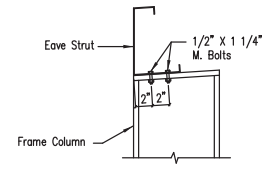
DRAWING NO.
SD49



Note: All connection bolts are 1/2" x 1 1/4" machine bolts unless noted.

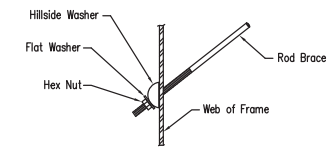
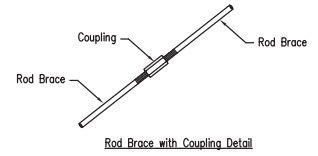
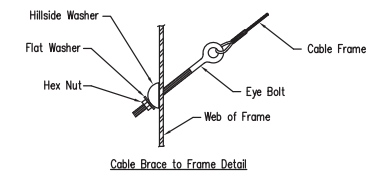
Interior Bay Purlin Framing

DRAWING NO.
SD50



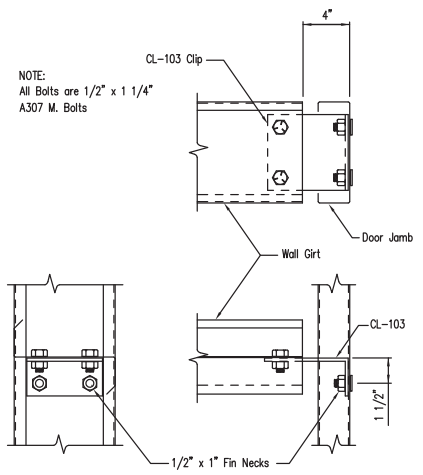
Eave Strut at Interior Column
Flush Sidewall

DRAWING NO.
SD58



Cable or Rod Brace to Frame Connection

DRAWING NO.
SD66

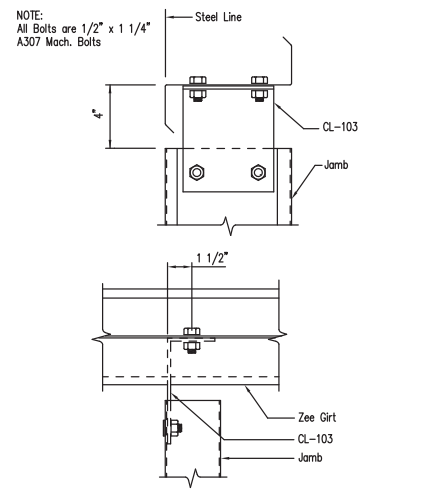


NOTE:
All Bolts are 1/2" x 1 1/4"
A307 M. Bolts

ERECTOR NOTE: IF CLIP BOXES ON BUILDING ELEVATION VIEW(S) ARE BELOW THE INTENDED GIRT LINE, THE CLIP(S) IN REFERENCE ARE TOED DOWN. IF ABOVE THE GIRT LINE, THEN TOED UP. THE DRAWINGS ABOVE ARE TOED DOWN FOR REFERENCE.

Girt to Jamb (Bolted Clips)

DRAWING NO.
SD87

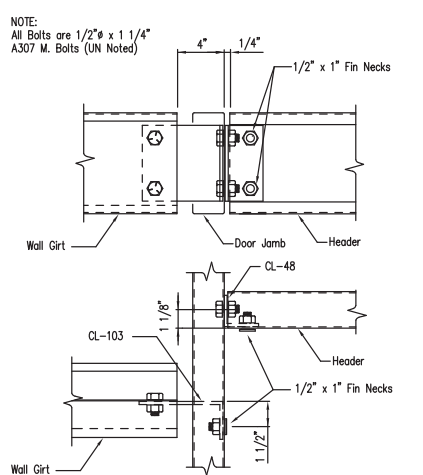


NOTE:
All Bolts are 1/2" x 1 1/4"
A307 Mach. Bolts

ERECTOR NOTE: IF CLIP BOXES ON BUILDING ELEVATION VIEW(S) ARE LEFT OF THE INTENDED JAMB LINE, THE CLIP(S) IN REFERENCE ARE TOED LEFT. IF RIGHT OF THE JAMB LINE, THEN TOED RIGHT. THE DRAWINGS ABOVE ARE TOED LEFT FOR REFERENCE.

Jamb to Girt

DRAWING NO.
SD93

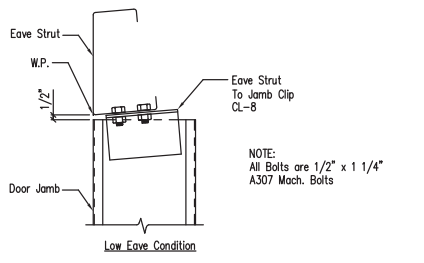


NOTE:
All Bolts are 1/2" x 1 1/4"
A307 M. Bolts (UN Noted)

ERECTOR NOTE: IF CLIP BOXES ON BUILDING ELEVATION VIEW(S) ARE BELOW THE INTENDED GIRT LINE, THE CLIP(S) IN REFERENCE ARE TOED DOWN. IF ABOVE THE GIRT LINE, THEN TOED UP. THE DRAWINGS ABOVE ARE TOED DOWN FOR REFERENCE.

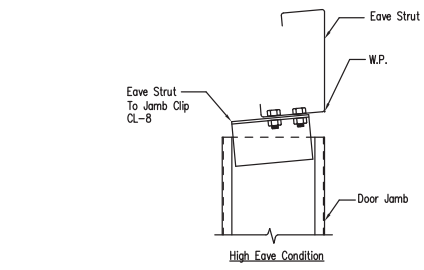
Girt/Header to Jamb

DRAWING NO.
SD95



NOTE:
All Bolts are 1/2" x 1 1/4"
A307 Mach. Bolts

Low Eave Condition



High Eave Condition

Jamb To Eave Strut
2:12 Roof Pitch and Higher

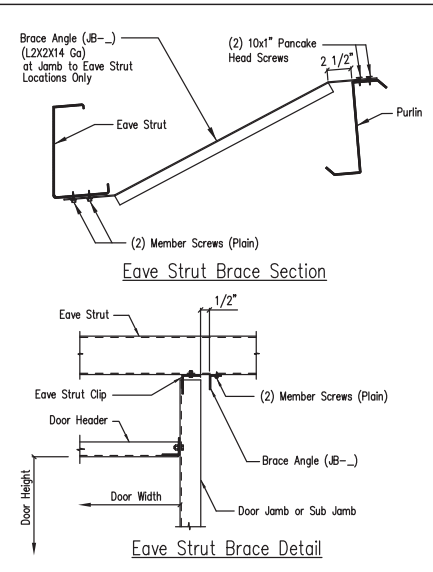
DRAWING NO.
SD97

ISSUE	APPROVAL	PERMIT	DATE	BY	CHK.	ENG.
			3/15/25	MEZ	RTS	
			MM/25	AA	CAF	

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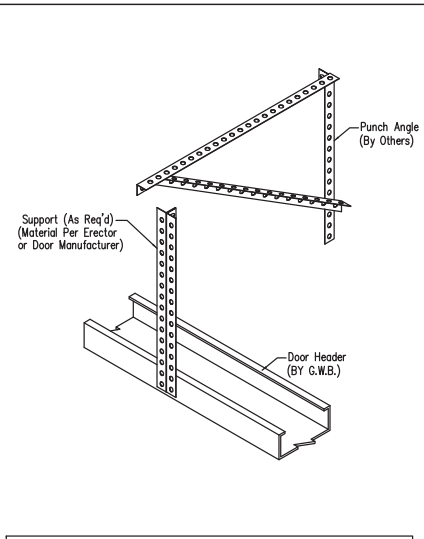
CUSTOMER NAME: ROBERT DRYER	PROJECT NAME: ROBERT DRYER
PROJECT LOCATION: 74690 SE HWY 42, LIMATULA, FL 32784	PROJECT COUNTY: MARION
PROJECT ENG USE: COMMERCIAL	CUSTOMER PHONE NUMBER: 615-861-6516
CUSTOMER EMAIL: ROBERT@DRYERINDUSTRIES.COM	SCALE: N.T.S.
SHEET NUMBER: 18 OF 22	SHEET TITLE: DETAIL DRAWINGS
JOB NUMBER: 95286	

THIS SEAL PERTAINS ONLY TO THE MATERIALS DESIGNED AND SUPPLIED BY GREAT WESTERN BUILDINGS. THE DRAWINGS AND THE METAL BUILDING WHICH THEY REPRESENT ARE THE PRODUCT OF GREAT WESTERN BUILDINGS. THE REGISTERED PROFESSIONAL ENGINEER WHOSE SEAL AND SIGNATURE APPEARS ON THESE DRAWINGS IS EMPLOYED BY GREAT WESTERN BUILDINGS AND DOES NOT SERVE AS OR REPRESENT THE OVERALL PROJECT ENGINEER OF RECORD AND SHALL NOT BE CONSTRUED AS SUCH.



Framed Opening Jamb Brace Angle Detail

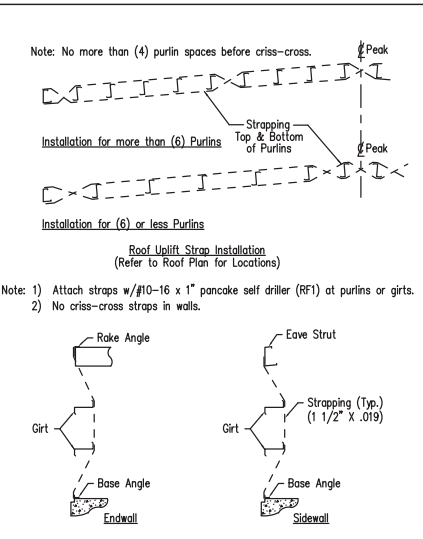
DRAWING NO. SD99



ERECTOR NOTE: ALL MATERIAL BY OTHERS (U.N.)
FIELD FABRICATE & ASSEMBLE AS REQ'D.
CONNECTION TO MEMBER ABOVE SIMILAR TO HEADER CONNECTION.

Overhead Door Torsion Bar Bearing Connection

DRAWING NO. SD101

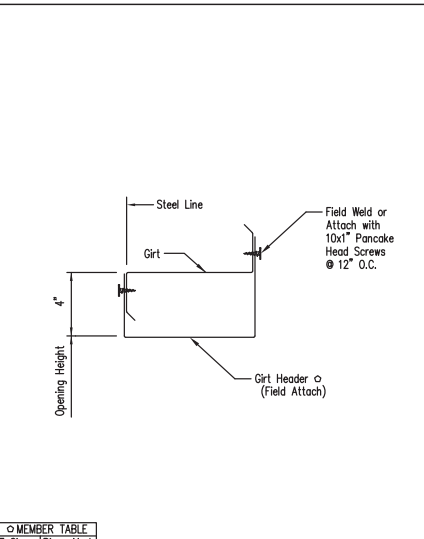


Roof Uplift Strap Installation
(Refer to Roof Plan for Locations)

Wall Suction Strap Installation
(Refer to Wall Elevations for Location)

Roof Uplift and Wall Suction Strap Details

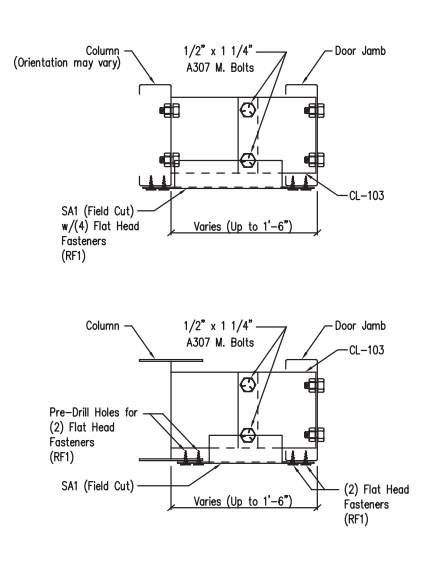
DRAWING NO. SD102



MEMBER TABLE		
ZEE Size	Piece	Mark
8"	GH-1	
10"	GH-2	
12"	GH-3	

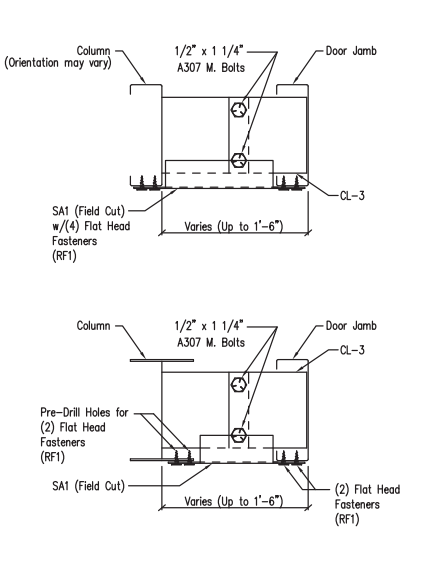
Framed Opening w/ Girt Header

DRAWING NO. SD104



Column to Door Jamb Clip Attachment

DRAWING NO. SD113



Column to Door Jamb Clip Attachment

DRAWING NO. SD114

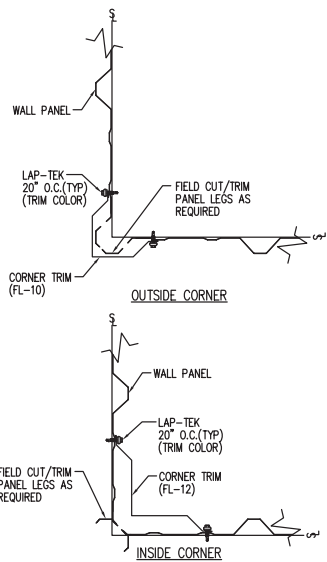
ENG.	CHK.	DATE	DWN.	APPROVAL	ISSUE
MEZ	RTS	3/15/12	3/15/12	MEZ	PERMIT
AA	CAF	MM/12	AA	AA	CA

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CUSTOMER NAME: ROBERT DRYER
PROJECT NAME: ROBERT DRYER
PROJECT LOCATION: 24690 SE HWY 42, LIMATILLA, FL 32784
PROJECT COUNTY: MARION
PROJECT ENG USE: COMMERCIAL
CUSTOMER PHONE NUMBER: 615-861-6516
CUSTOMER EMAIL: ROBERT@DRYERINDUSTRIES.COM
SCALE: N.T.S.

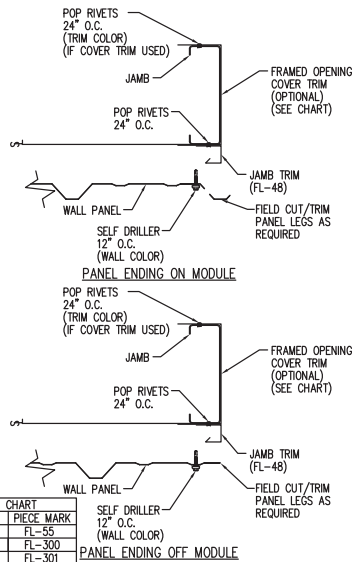
SHEET NUMBER: 19 OF 22
JOB NUMBER: 95286
SHEET TITLE: DETAIL DRAWINGS

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Section at Corner Detail - PBR

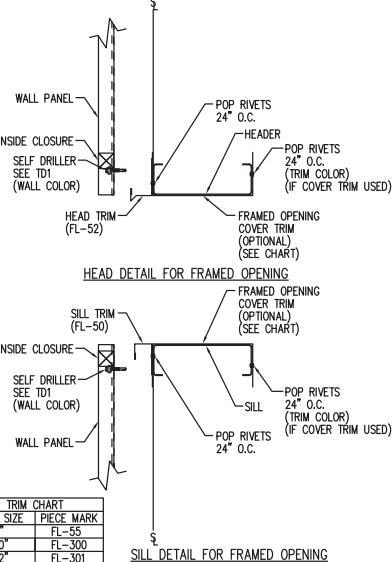
DRAWING NO. TD40



Framed Opening Jamb Detail - PBR

DRAWING NO. TD51

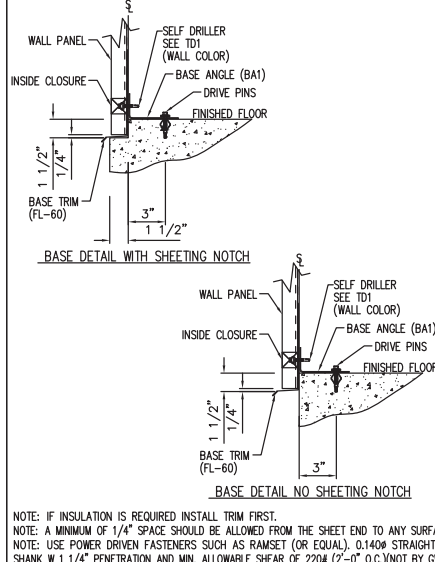
TRIM CHART	GIRT SIZE	PIECE MARK
	8"	FL-55
	10"	FL-300
	12"	FL-301



Framed Opening Head and Sill Details - PBR

DRAWING NO. TD52

TRIM CHART	GIRT SIZE	PIECE MARK
	8"	FL-55
	10"	FL-300
	12"	FL-301



Base Angle w/Trim Details

DRAWING NO. TD74

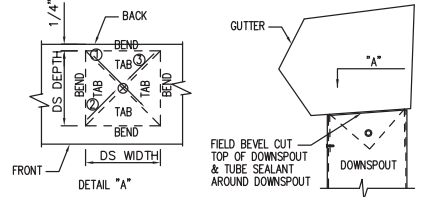
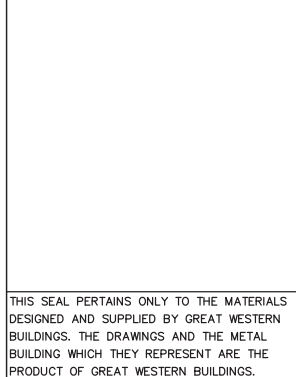
NOTE: IF INSULATION IS REQUIRED INSTALL TRIM FIRST.
NOTE: A MINIMUM OF 1/4" SPACE SHOULD BE ALLOWED FROM THE SHEET END TO ANY SURFACE.
NOTE: USE POWER DRIVEN FASTENERS SUCH AS RAMSET (OR EQUAL), 0.140x STRAIGHT SHANK W 1 1/4" PENETRATION AND MIN. ALLOWABLE SHEAR OF 220# (2-0" O.C.) (NOT BY G.W.B.)

ISSUE	APPROVAL	PERMIT	DATE	DWG. NO.	CHK.	ENG.

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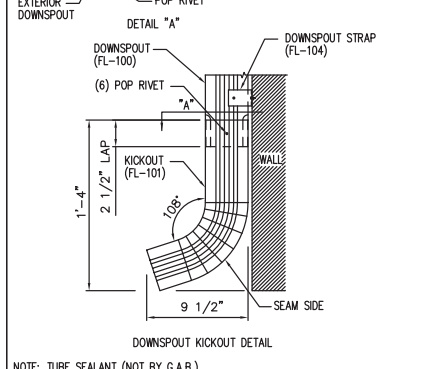
CUSTOMER NAME: ROBERT DRYER	PROJECT NAME: ROBERT DRYER
PROJECT LOCATION: 74890 SE HWY 42, JIMATILLA, FL 32784	PROJECT COUNTY: MARION
PROJECT ENG. USER: G.W.B./G.F.A.	CUSTOMER PHONE NUMBER: 015-861-6516
CUSTOMER EMAIL: RODRYER@DRYERINDUSTRIES.COM	SCALE: N.T.S.
SHEET NUMBER: 21 OF 22	JOB NUMBER: 95286
SHEET TITLE: DETAIL DRAWINGS	



- REFER TO THE BUILDING ERECTIO DRAWINGS FOR THE LOCATION AND SPACING OF THE DOWNSPOUTS.
- LOCATE ALL DOWNSPOUTS OVER A MAJOR PANEL RIB IF POSSIBLE.
- MAKE A CARBOARD TEMPLATE OF THE DOWNSPOUT SHAPE. PLACE THE TEMPLATE ON THE BOTTOM OF THE GUTTER AND TRACE THE OUTLINE. REMOVE THE TEMPLATE AND DRAW A LINE FROM CORNER TO CORNER, FORMING AN "X" PATTERN.
- DRILL A HOLE AT THE CENTER OF THE "X". USING TIN SNIPS, CUT ALONG THE LINES OF THE "X" ONLY. DO NOT CUT ALONG THE OUTSIDE LINES OF THE DOWNSPOUT SQUARE.
- BEND EACH TRIANGULAR TAB DOWN TOWARD THE GROUND, 90° TO THE BOTTOM OF THE GUTTER.
- POSITION THE TOP OF THE DOWNSPOUT UNDER THE GUTTER. MAKE SURE ALL FOUR GUTTER TABS ARE ON THE INSIDE OF THE DOWNSPOUT.
- INSTALL POP RIVETS THROUGH THE DOWNSPOUT INTO THE GUTTER TAB. ONLY THE TWO SIDES AND THE FRONT OF THE DOWNSPOUT WILL RECEIVE POP RIVETS.

Downspout to Gutter Attachment Detail

DRAWING NO. TD95

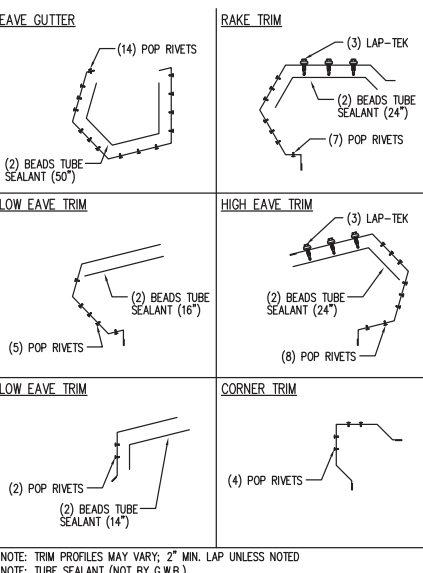


Downspout Kickout and Splice Detail

DRAWING NO. TD96

NOTE: TUBE SEALANT (NOT BY G.A.B.)

THIS SEAL PERTAINS ONLY TO THE MATERIALS DESIGNED AND SUPPLIED BY GREAT WESTERN BUILDINGS. THE DRAWINGS AND THE METAL BUILDING WHICH THEY REPRESENT ARE THE PRODUCT OF GREAT WESTERN BUILDINGS. THE REGISTERED PROFESSIONAL ENGINEER WHOSE SEAL AND SIGNATURE APPEARS ON THESE DRAWINGS IS EMPLOYED BY GREAT WESTERN BUILDINGS AND DOES NOT SERVE AS OR REPRESENT THE OVERALL PROJECT ENGINEER OF RECORD AND SHALL NOT BE CONSTRUED AS SUCH.



Trim Laps - PBR Sculptured

DRAWING NO. TD85



Downspout Elevation

DRAWING NO. TD90

3 1/2" x 5 3/8" Roll-Form

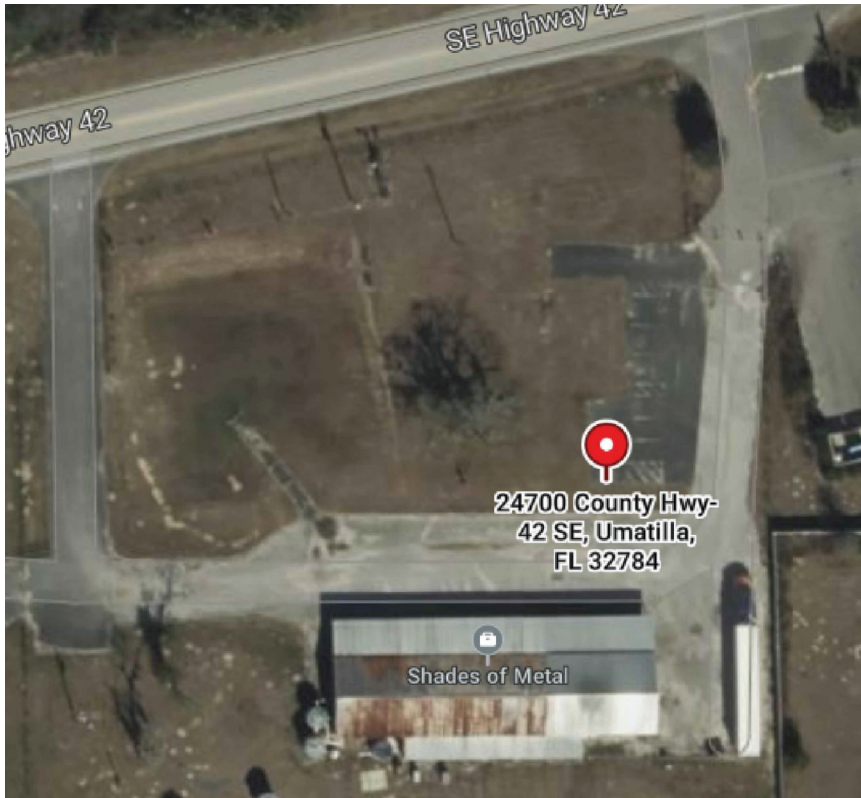
NOTE: TRIM PROFILES MAY VARY; 2" MIN. LAP UNLESS NOTED
NOTE: TUBE SEALANT (NOT BY G.W.B.)

NOTE: REFERENCE DETAIL TD96 FOR SPLICE DETAIL

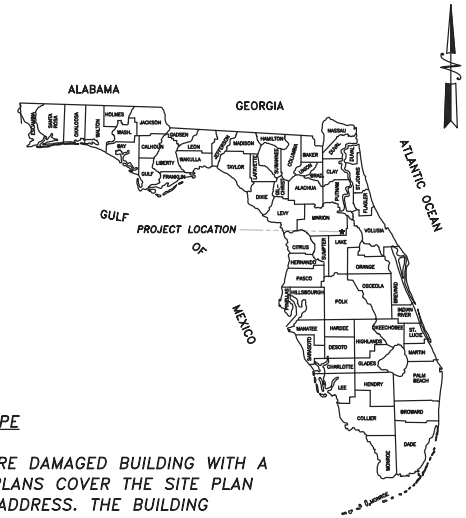
Revised On: 04/17/07
Created On: 02/02/07

SHADES OF METAL SHOP

OCCUPANCY GROUP S-1
 NEW CONSTRUCTION (FIRE DAMAGE REPLACEMENT)
 24700 SE HWY 42 UMATILLA, FL 32784



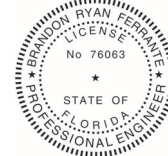
PROJECT LOCATION AERIAL



PLAN-SET SCOPE

THIS PLAN SUBMITTAL IS TO REPLACE A FIRE DAMAGED BUILDING WITH A METAL BUILDING OF SIMILAR SIZE. THESE PLANS COVER THE SITE PLAN AND ASSOCIATED IMPACTS OF THE ABOVE ADDRESS. THE BUILDING STRUCTURE WAS DESIGNED AND PERMITTED BY OTHERS.

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY:



Brandon R Ferrante
 2026.05.20
 16:00:09-04'00'

ON THE DATE ADJACENT TO THE SEAL.

PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH 61G15-23.004, F.A.C.

SHEETS

- CS-1
- NS-1
- SVY-1
- SITE-1
- LND-1
- TFC 1-2
- FIRE-1-2
- ENV-1-2
- GEO-1
- ZN-1
- ELE-1

DESCRIPTION

- COVER SHEET
- GENERAL PLAN NOTES
- SURVEY (INCORPORATED BY REFERENCE)
- GENERAL SITE LAYOUT, SETBACKS & DRAINAGE
- LANDSCAPING PLANS
- TRAFFIC PLANS AND INFORMATION
- EMERGENCY RESPONSE, HYDRANT PROXIMITY & LIFE SAFETY PLAN
- ENVIRONMENTAL IMPACTS FROM PROPOSED DEVELOPMENT
- SITE SOIL SURVEY INFORMATION
- ZONING INFORMATION
- ELECTRICAL SEC RISER AND LIGHTING PLAN

Merak Alliance LLC
 PO BOX 649 MCINTOSH, FL 32664

ROBERT DRYER
 24700 SE COUNTY HWY 42, UMATILLA, FL 32784

REVISIONS

NO.	DATE	DESCRIPTION

05/01/2026

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GENERAL

- IF ANY ERRORS OR OMISSIONS APPEAR IN THE DRAWINGS, SPECIFICATIONS, OR OTHER DOCUMENTS THE CONTRACTOR SHALL NOTIFY THE ENGINEER IN WRITING OF SUCH ERRORS OR OMISSIONS PRIOR TO PROCEEDING WITH ANY WORK WHICH APPEARS IN QUESTION.
- THE EOR RESERVES THE RIGHT TO RECTIFY SAID ERRORS OR OMISSIONS. THIRD PARTY BACK-BILLING IS IN VIOLATION OF CONTRACT TERMS.
- IN THE EVENT OF FAILURE OF THE CONTRACTOR TO GIVE SUCH NOTICE, THEY SHALL BE HELD RESPONSIBLE FOR THE RESULTS OF ANY SUCH ERRORS OR OMISSIONS AND THE COST OF RECTIFYING THE SAME.
- ANY DETAILS LABELED TYPICAL OR TYP. APPLY TO ALL SITUATIONS THAT ARE THE SAME OR SUBSTANTIALLY SIMILAR TO THOSE SPECIFICALLY REFERENCED.
- THERE SHALL BE NO DEVIATION FROM THESE DESIGN DOCUMENTS, IF ANY MATERIAL CHANGES ARE PROPOSED BY THE CONTRACTOR, THEY SHALL BE CLEARLY INDICATED, AND SIGNED AND SEALED BY THE RESPONSIBLE PROFESSIONAL.
- ANY REVISIONS REQUIRE ACCEPTANCE IN WRITING FROM THE EOR AND SHALL BE BILLED AT TYPICAL INDUSTRY RATES. VERBAL ACCEPTANCE, EXPRESSED OR IMPLIED IS NOT LEGALLY BINDING.
- INTERIOR WALLS ARE NOT PART OF MWFRS UNO.
- WOOD PROTECTION MEASURES BY OTHERS.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY ALL INSPECTIONS REQUIRED BY THE AHJ.
- MECHANICAL ENGINEERING, INCLUDING BUT NOT LIMITED TO ENERGY CALCULATIONS, HVAC, PLUMBING AND ELECTRICAL SIZING, ETC., ARE NOT THE RESPONSIBILITY OF THE STRUCTURAL EOR UNO.
- REFERENCING INFORMATION IN THESE PLANS THAT WAS PRODUCED BY OTHERS, SIGNED AND SEALED OR NOT, IS NOT ADOPTION OF WORK AS DEFINED IN FAC 61G15.27. THAT INFORMATION IS ONLY INCORPORATED FOR REFERENCE ONLY.
- DEFERRED SUBMITTALS ARE PORTIONS OF THE DESIGN WHICH ARE NOT SUBMITTED WITH THE INITIAL APPLICATION BUT ARE REQUIRED BEFORE COMPLETION OR EARLIER AS DEFINED BY AHJ. ALL DEFERRED SUBMITTALS SHALL BE REVIEW AND SIGNED BY CONTRACTOR BEFORE SUBMITTED TO THE EOR/SER FOR REVIEW AND ACCEPTANCE. AFTER ACCEPTANCE BY EOR/SER, THE CONTRACTOR SHALL FORWARD STAMPED DOCUMENTS TO AHJ FOR FURTHER ACCEPTANCE. ONLY THEN MAY DESIGNATED ENGINEERING BE IMPLEMENTED INTO PROJECT.
- OPTIONS, IF LISTED ARE SO THE CONTRACTOR CAN OFFER ECONOMIC DECISIONS TO OWNER. OTHER CHANGES DRIVEN BY CONTRACTOR ARE NOT PART OF THE ORIGINAL AGREEMENT FOR THE EOR/SER TO EVALUATE BUT REQUIRE EOR/SER APPROVAL. CONTRACTOR SHALL BE RESPONSIBLE FOR THESE ALTERNATES.

UTILITIES

- THE LOCATIONS OF THE UTILITIES SHOWN IN THE PLANS, IF ANY, ARE BASED ON LIMITED INVESTIGATION TECHNIQUES OR REFERENCED FROM OTHER PLANS AND SHOULD BE CONSIDERED APPROXIMATE AT BEST.
- UTILITY LOCATION AND AVOIDANCE OR PROTECTION AS NECESSARY IS THE RESPONSIBILITY OF THE CONTRACTOR.
- UTILITY LOCATE SERVICES LIKE 811 OR SIMILAR ARE REQUIRED PRIOR TO EXCAVATION.

SURVEY

- ALL PUBLIC LAND CORNERS OR BENCHMARKS WITHIN THE LIMITS OF CONSTRUCTION ARE TO BE PROTECTED FROM DAMAGE AND DISPLACEMENT.
- THE VERTICAL DATUM, IF REFERENCED IN THESE PLANS IS BASED ON THE NORTH AMERICAN VERTICAL DATUM, 1988 (NAVD 88).
- ELEVATION CERTIFICATES PROVIDED BY LICENSED SURVEYORS MAY BE REPRODUCED AS PART OF SITE PLANNING.

HAZARDOUS MATERIALS

- HAZARDOUS MATERIAL IDENTIFICATION IS NOT CONSIDERED PART OF THESE PLANS AND IT IS THE RESPONSIBILITY OF THE CONTRACTOR.
- ANY KNOWN OR SUSPECTED HAZARDOUS MATERIAL FOUND ON THE PROJECT BY THE CONTRACTOR SHALL BE IMMEDIATELY REPORTED TO THE PROPER AUTHORITIES.
- THE CONTRACTOR SHALL NOT RETURN TO THE AREA OF CONTAMINATION UNTIL APPROVED BY THE AHJ.

STANDARD ABBREVIATIONS

- AHJ - AUTHORITY HAVING JURISDICTION
- TYP. - TYPICAL
- EOR - ENGINEER OF RECORD
- SER - STRUCTURAL ENGINEER OF RECORD
- SST - SIMPSON STRONG-TIE
- UNO - UNLESS NOTED OTHERWISE
- CC OR C/C - CLEAR COVER
- WDO - WOOD DESTROYING ORGANISM
- MWFRS - MAIN WIND FORCE RESISTING SYSTEM
- H_{ef} - EFFECTIVE EMBEDMENT DEPTH OF ANCHORS
- F_c - COMPRESSIVE STRENGTH OF CONCRETE
- FAC - FLORIDA ADMINISTRATIVE CODE
- FS - FLORIDA STATUTE(S)
- SS - STAINLESS STEEL
- HDG - HOT DIPPED GALVANIZED
- FBC 8 - FLORIDA BUILDING CODE 8TH EDITION
- E/F/T - EDGE / FIELD
- RSRS - ROOF SHEATHING RING SHANK
- STP - SOUTHWEST YELLOW PINE
- SPR - SPRUCE PINE FIR
- SFA - SUB FLOOR ADHESIVE
- CS - COLD FORMED STEEL
- A/F - ABOVE FINISHED FLOOR

GEOTECHNICAL

- SOIL USED TO SUPPORT CONCRETE FOUNDATIONS, FOOTINGS, OR SUPPORT STRUCTURES SHALL BE SOUND MINERAL BASED SOIL THAT IS FREE OF ALL ORGANIC MATERIAL.
- ANY SOIL THAT IS OVER EXCAVATED SHALL NOT BE REPLACED IN THE EXCAVATION UNLESS COMPACTED. ANY SOIL USED AS FILL SHALL NOT BE PLACED ON ORGANIC MATERIAL.
- ANY FILL MATERIALS SHALL BE COMPACTED TO EXCEED 8 INCHES.
- GEOTECHNICAL PROPERTIES AND ASSUMPTIONS HAVE BEEN DERIVED FROM EXISTING SOIL DATA AND NOT FROM SPECIFIC GEOTECHNICAL TESTS OR EXPOSURE.
- IT IS THE RESPONSIBILITY OF THE OWNERS AND CONTRACTORS TO BRING DIFFERENT CONDITIONS TO THE ATTENTION OF THE EOR IN A TIMELY MANNER IF UNCOVERED OR OBSERVED.
- FOLLOW BACKFILL SPECIFICATIONS FOR COMPACTION. REFER TO FOUNDATION PLAN FOR MANDATORY COMPACTION REQUIREMENTS.

MEANS AND METHODS

- THE CONTRACTOR IS RESPONSIBLE FOR THE SPECIFIC MEANS AND METHODS NECESSARY TO ACCOMPLISH THE CONSTRUCTION AS SHOWN IN THESE PLANS.
- AS A MINIMUM, THE CONTRACTOR SHALL CONSIDER LOADS AND LOAD COMBINATIONS APPROPRIATE FOR THE GIVEN TIME FRAME OF USE.
- LATERAL STABILITY AND UPLIFT SHALL BE GIVEN SPECIAL CONSIDERATION IN CONTRACTORS TEMPORARY WORKS WHERE APPROPRIATE.
- THE DESIGN OF TEMPORARY STRUCTURES AS NEEDED IS NOT THE RESPONSIBILITY OF THE EOR, IF SHOWN THEY ARE FOR REFERENCE ONLY.
- IF, PER CONTRACT, THE EOR OF THE CONSTRUCTION PLANS IS PROVIDING THE DESIGN OF TEMPORARY WORKS, THEY ARE WHOLLY CONTAINED IN ANOTHER PLANSET.
- THE STRUCTURAL DESIGN PLANS ARE REPRESENTATIVE OF THE PERFORMANCE OF THE COMPLETE AND FINISHED STRUCTURE. THE CONTRACTOR IS RESPONSIBLE FOR ALL THE INTERMEDIATE CONDITIONS DURING CONSTRUCTION. THE EOR/SER IS NOT RESPONSIBLE FOR THE MEANS, METHODS, TECHNIQUES, STAGING, OPERATION SEQUENCE, SAFETY METHODS, ETC.
- SITE VISITS BY EOR/SER DO NOT CONSTITUTE INSPECTIONS.
- ALL RESPONSIBILITY FOR INSPECTIONS, IF ANY IS WHOLLY CONTAINED IN A SEPARATE CONTRACT.

EROSION CONTROL

- EROSION CONTROL AND ENVIRONMENTAL CONTAMINATION IS THE RESPONSIBILITY OF THE CONTRACTOR.
- THE CONTRACTOR IS TO COMPLY WITH ALL FEDERAL, STATE, AND LOCAL REGULATIONS.
- THE CONTRACTOR IS ULTIMATELY RESPONSIBLE FOR OBTAINING PERMIT COVERAGE AND IMPLEMENTING APPROPRIATE POLLUTION PREVENTION TECHNIQUES TO MINIMIZE EROSION AND SEDIMENTATION FROM STORMWATER DISCHARGES.
- SITES OVER ONE ACRE REQUIRE A NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT AND A STORMWATER POLLUTION PREVENTION PLAN (SWPPP).
- INSTALL SILT FENCES PRIOR TO LAND DISTURBANCE, ENSURING THE BOTTOM 8 INCHES OF FABRIC IS BURIED, NOT JUST LAIN ON THE GROUND.
- PROTECT ALL STORM DRAIN INLETS WITH BLOCK-AND-GRAVEL OR FABRIC DROP INLET SEDIMENT FILTERS.
- INSTALL A STABILIZED CONSTRUCTION ENTRANCE (CRUSHED ROCK OVER GEOTEXTILE) TO PREVENT SEDIMENT TRACKING ONTO PAVED ROADS.
- INSPECT ALL MEASURES WEEKLY AND AFTER EVERY 0.5-INCH RAIN EVENT, REPAIRING BREACHES WITHIN 24 HOURS.
- CONTRACTOR SHALL CERTIFY FINAL STABILIZATION OF DISTURBED AREAS TO OWNER SUCH THAT ALL SOIL DISTURBING ACTIVITIES AT THE SITE HAVE BEEN COMPLETED, AND THAT A UNIFORM PERENNIAL VEGETATIVE COVER WITH A DENSITY OF AT LEAST 70% FOR ALL UNPAVED AREAS AND AREAS NOT COVERED BY PERMANENT STRUCTURES HAS BEEN ESTABLISHED OR EQUIVALENT PERMANENT STABILIZATION MEASURES HAVE BEEN EMPLOYED.
- BEST MANAGEMENT PRACTICES (BMP) CONTAINED IN THESE PLANS ARE ONLY AN ESTIMATE OF WHAT NEEDS TO BE DONE ON THE CONSTRUCTION SITE. DRAWINGS ARE SUBJECT TO ADDITIONAL, NEW AND ALTERNATIVE BMPS AS NEEDED.
- SEDIMENT CONTROL MEASURES ARE CONSIDERED SECONDARY TO EROSION CONTROL MEASURES.
- DEWATERING OPERATIONS REQUIRE, AND MUST COMPLY WITH, APPLICABLE LOCAL AND FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION (DEP), AND WATER MANAGEMENT DISTRICT (WMD) REGULATORY REQUIREMENTS, FOR DISCHARGES PRODUCED FROM GROUND WATER AND FROM A NON-CONTAMINATED SITE ACTIVITY A FDP GENERIC PERMIT IS REQUIRED.
- DEWATERING OPERATIONS CANNOT BE STARTED WITHOUT PRIOR NOTICE TO AND APPROVAL FROM FDP AND LOCAL WATER MANAGEMENT DISTRICTS. DEWATERING DISCHARGES MUST NOT CAUSE EROSION AT THE DISCHARGE POINT.
- DISCHARGE WATERS FROM STORMWATER MANAGEMENT OR DEWATERING SHALL NOT BE DISCHARGED TO ANY PUBLIC OR PRIVATE WATERWAY WHEN NTU'S ARE GREATER THAN 1100X OF RECEIVING WATERS. MORE STRINGENT REQUIREMENTS MAY BE REQUIRED ON SPECIFIC PERMIT.
- UNDER NO CIRCUMSTANCES SHALL STORMWATER MANAGEMENT OR DEWATERING DISCHARGES BE DIRECTLY INTO RECEIVING WATER BODIES. A DETENTION SYSTEM CAPABLE OF 5 MINUTES OF DISCHARGE DETENTION IS REQUIRED FOR MONITORING.

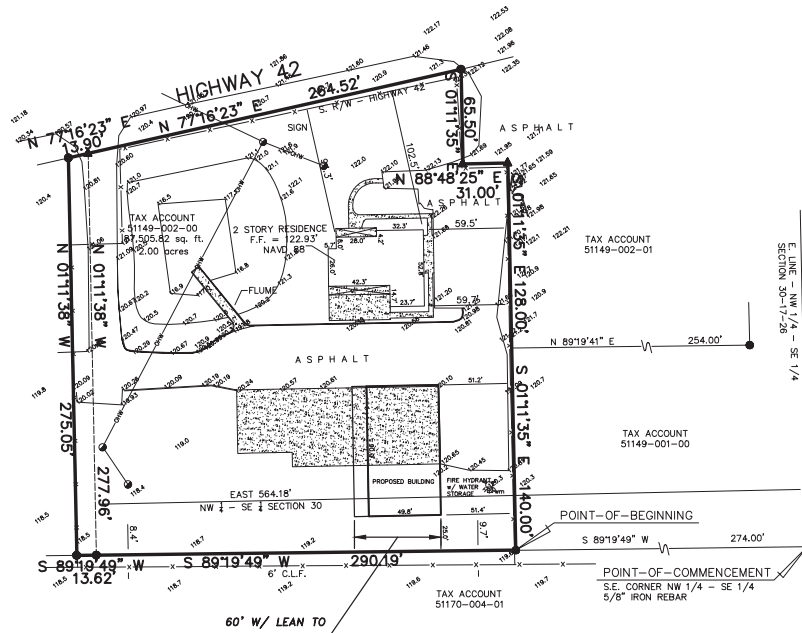
Merak Alliance LLC
PO BOX 649 MCINTOSH, FL 32664

ROBERT DRYER
24700 SE COUNTY HWY 42, UMATILLA, FL 32784

REVISIONS

05/01/2026

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SITE DATA:
 SITE AREA: 91,272 S.F.
 IMPERVIOUS AREA: 35, 915 S.F.
 PEROVIOUS AREA: 53,357 S.F.

- SURVEYORS' NOTES:**
- UNLESS OTHERWISE NOTED ONLY PLATTED EASEMENTS ARE SHOWN HEREON.
 - NO UNDERGROUND UTILITIES OR IMPROVEMENTS WERE LOCATED UNLESS OTHERWISE SHOWN.
 - UNLESS OTHERWISE NOTED, ANY ELEVATIONS SHOWN ARE BASED ON ASSUMED DATUM.
 - BEARINGS SHOWN HEREON ARE BASED ON THE G.S. LINE OF RANGE.
 - THE ACCURACY OF FIELD-MEASUREMENT FOR THIS SURVEY MEETS AND/OR EXCEEDS 1" IN 10,000 FEET.
 - ADDITIONS OR DELETIONS TO THIS SKETCH OF SURVEY BY OTHER THAN THE SIGNING PARTY IS PROHIBITED WITHOUT WRITTEN CONSENT OF THE SIGNING PARTY.
 - UNLESS THIS SKETCH OF SURVEY BEARS THE SIGNATURE AND PRESSED SEAL OF DONALD E. BLEVINS, JR., P.S.M. #1711, IT IS FOR INFORMATION PURPOSES ONLY AND IS NOT A VALID SURVEY.
 - THIS SURVEY IS ENDORSED AND CERTIFIED FOR THE EXCLUSIVE USE OF THE CLIENT NAMED HEREON.
 - CERTIFIED TO:
 Dryer Industries, LLC
 United Southern Bank
 Clayton H. Blanchard, Jr. P.A.
 Old Republic National Title Insurance Company

- LEGEND:**
- | | |
|--|--|
| <ul style="list-style-type: none"> A.S.A. = ALSO KNOWN AS (CALC) = CALCULATED CB = CONCRETE BLOCK C.B.S. = CONCRETE BLOCK STRUCTURE CS = CONCRETE CURB C.L.F. = CHAIN LINK FENCE CONC. = CONCRETE (C) = CEED DB = DEED BOOK ELEV. = ELEVATION FF = FINISH FLOOR IB = IRON BOLT LEAS. = LEASE MB = MEASURED BUSINESS N.O.V.D. = NATIONAL ORIGINATED VERTICAL DATUM OR = OFFICIAL RECORDS BOOK ORIS = ORIGINATED IRON (P) = PLAT PROJ. = PROJECTIONS P.O.B. = POINT OF BEGINNING P.O.C. = POINT OF COMMENCEMENT E.E. = EASEMENT P.U.E. = PUBLIC UTILITY EASEMENT P.U. & D.E. = PUBLIC UTILITY AND DRAINAGE EASEMENT P.L.S. = PROFESSIONAL LAND SURVEYOR | <ul style="list-style-type: none"> PG = PAGE RB = REAR BOUNDARY R/W = RIGHT-OF-WAY RL = ROAD S.P. = SCREEN PORCH WF = WOOD FENCE WM = WATER METER WV = WATER VALVE <p>SURVEY SYMBOLS</p> <ul style="list-style-type: none"> ○ = MORE OR LESS ⊙ = POWER POLE ⊕ = GUY WIRE L = ARC LENGTH R = RADIUS Δ = DELTA □ = COVERED AREA — = CENTER LINE --- = EASEMENT — = FOUND 5/8" IRON REBAR — = FOUND 3/4" IRON DISK □ = FOUND CONCRETE MONUMENT ○ = SET 5/8" IRON ROD "BLEVINS LS 6171" Δ = SET NAIL & DISK "BLEVINS LS 6171" |
|--|--|

THE SURVEY DEPICTED HERE IS NOT COVERED BY PROFESSIONAL LIABILITY INSURANCE.

DRAWN BY: E.B.
 CHECKED BY: D.E.B.
 SCALE: 1" = 50'
 SURVEY DATE: 2/1/26
 PROJECT # 24690 HWY 42

4459 SW 90th Ct
 Bell Fl 32619
 CELL: 352.740.3252
 EMAIL: nfsurveys@gmail.com

DONALD E. BLEVINS, JR. PSM 6171

SHEET 1 OF 1

PROPERTY SURVEY
 BY REFERENCE; NTS

Merak Alliance LLC
 PO BOX 649 MCINTOSH, FL 32664

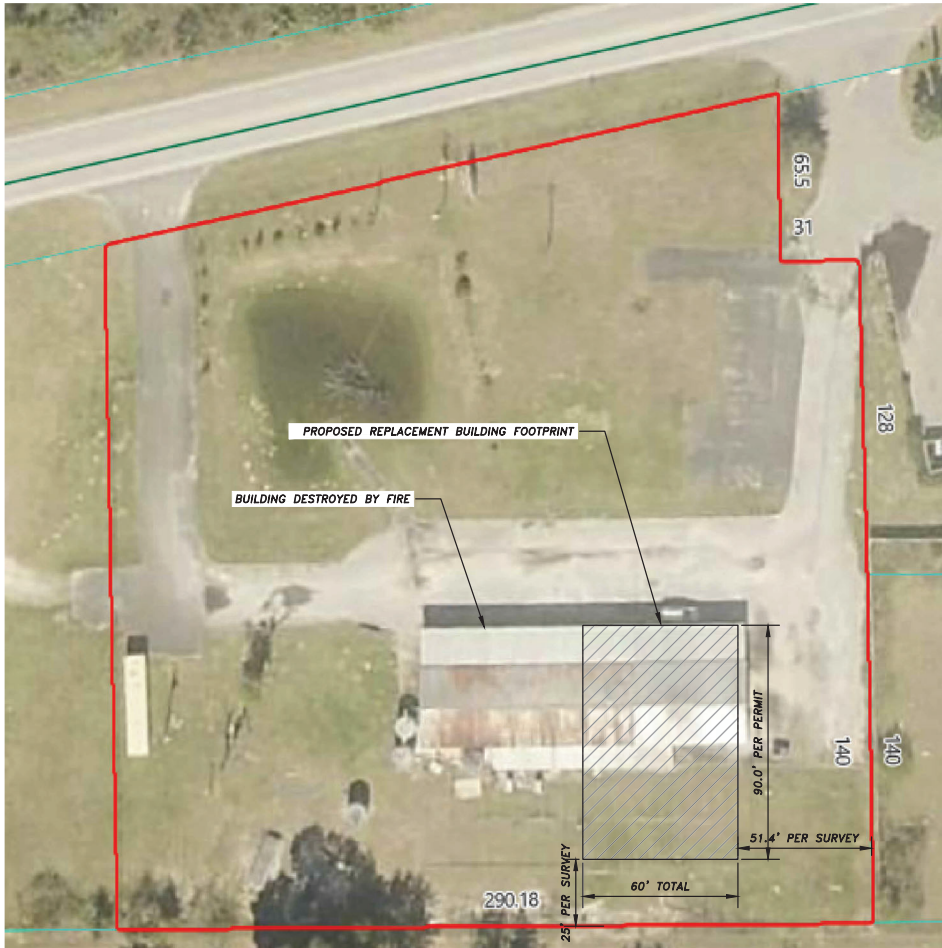
ROBERT DRYER
 24700 SE COUNTY HWY 42, UMATILLA, FL 32784

REVISIONS

NO.	DATE	DESCRIPTION

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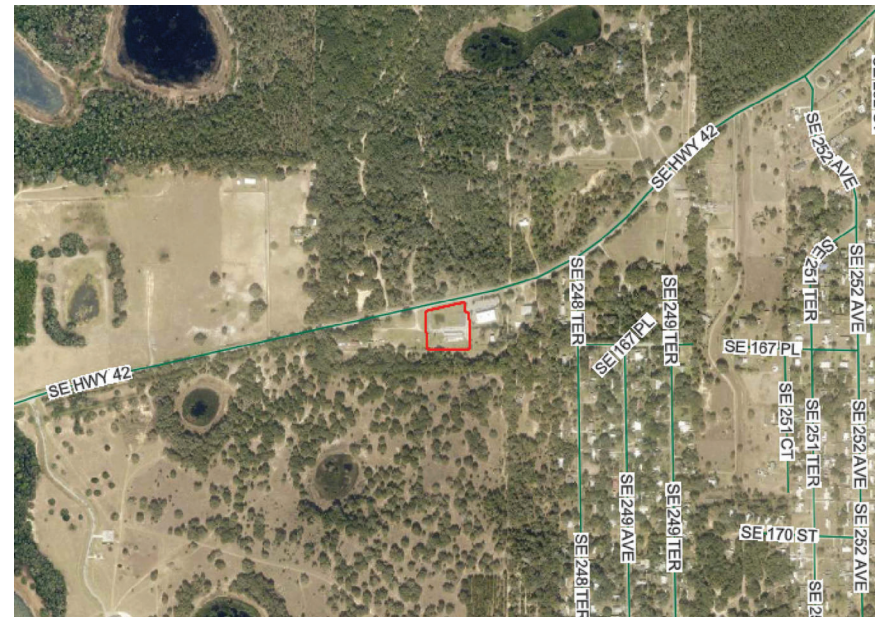


TAX PARCEL WITH SETBACKS & EXISTING FOOTPRINT
2.1 ACRES

Parcel Information	
PARCEL	51149-002-00
PC	01 - IMPROVED RESIDENTIAL
NAME	DRYER ROBERT
ADD_1	DRYER MARY
ADD_2	24700 SE HWY 42
ADD_3	UMATILLA FL 32784 8724
ADD_4	
ACRES	2.100000
Map Number	405

SITE NOTES

1. PROPOSED 5400 FT2 BUILDING PARTIALLY SET OVER REMAINING FOUNDATION FROM BUILDING FIRE
2. DISTANCE FROM WELL TO SEPTIC >>100' SEE SURVEY
3. SETBACKS SHOWN ON SURVEY & REITERATED IN PART BELOW

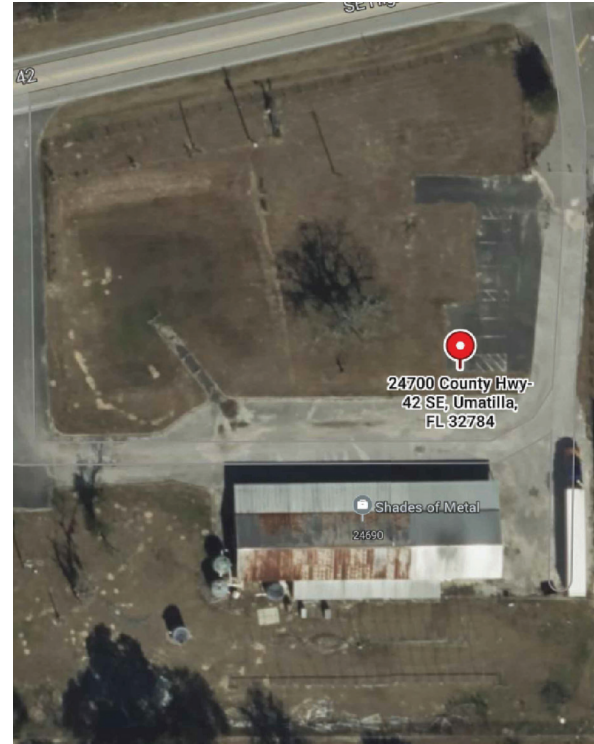


1 MILE EXTENDED PROXIMITY PLAN VIEW





LANDSCAPE PLAN
2.1 ACRES



LANDSCAPE PLAN

LANDSCAPING NOTES

1. EXISTING SHRUBS AND TREES TO REMAIN UNDISTURBED EXCEPT LIGHT MAINTENANCE AS NEEDED.
2. APPROXIMATELY 2000 FT2 OF GRASS TO BE UNDER PROPOSED BUILDING FOOTPRINT.
3. SEE ENVIRONMENTAL PLAN FOR ISR AND RAINFALL DATA
4. FLOWER BEDS NEAR STRUCTURE WILL BE SEASONALLY UPDATED AS NEEDED.
5. SEE DETAILS FOR TREE PROTECTION DURING CONSTRUCTION

REVISIONS

NO.	DESCRIPTION	DATE

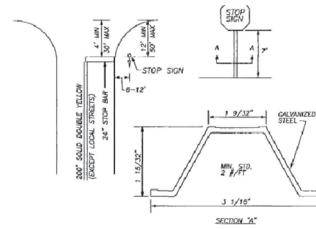
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TRAFFIC NOTES

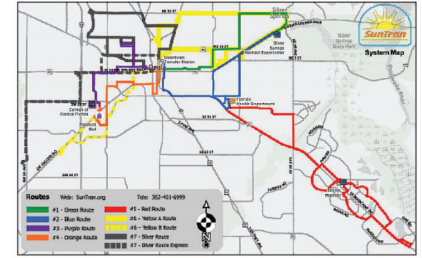
1. NO INTERNAL PROPERTY TRAFFIC IS IMPACTED BY THE PROPOSED USE, EXISTING INTERNAL TRAFFIC PATTERNS TO REMAIN UNALTERED.
2. BUILDING TO USE SHARED EXISTING DRIVEWAYS WITH EAST AND WEST PROPERTIES ALREADY PERMITTED.
3. A TOTAL OF THREE PROPERTIES WILL USE EXISTING PERMITTED DRIVES.

PEDESTRIAN NOTES

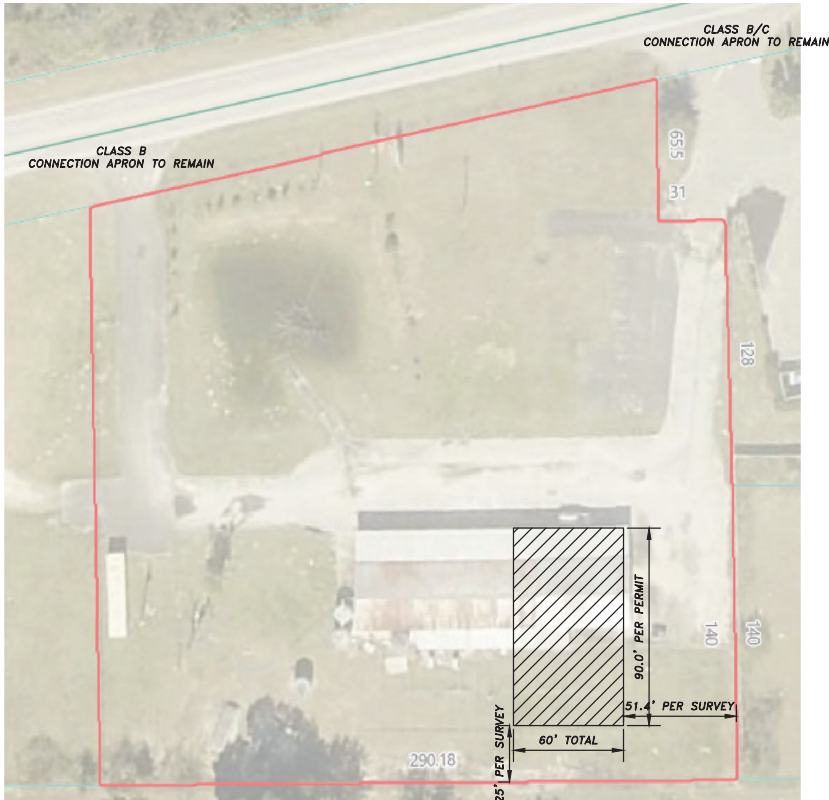
1. PEDESTRIAN TRAFFIC ENTERING AND LEAVING SITE IS PROJECTED TO BE MINIMAL AND IS NOT PROJECTED TO IMPACT ROADWAY INFRASTRUCTURE.
2. NO SIDEWALKS OR BIKE LANES ARE CURRENTLY AVAILABLE ALONG SE HWY 42 TO SUPPORT PEDESTRIAN TRAFFIC, NONE ARE PROPOSED.
3. MASS TRANSIT ROUTES ARE NOT AVAILABLE WITHIN PROXIMITY OF DEVELOPMENT. MASS TRANSIT INFRASTRUCTURE IS NOT RECOMMENDED AT THIS TIME.



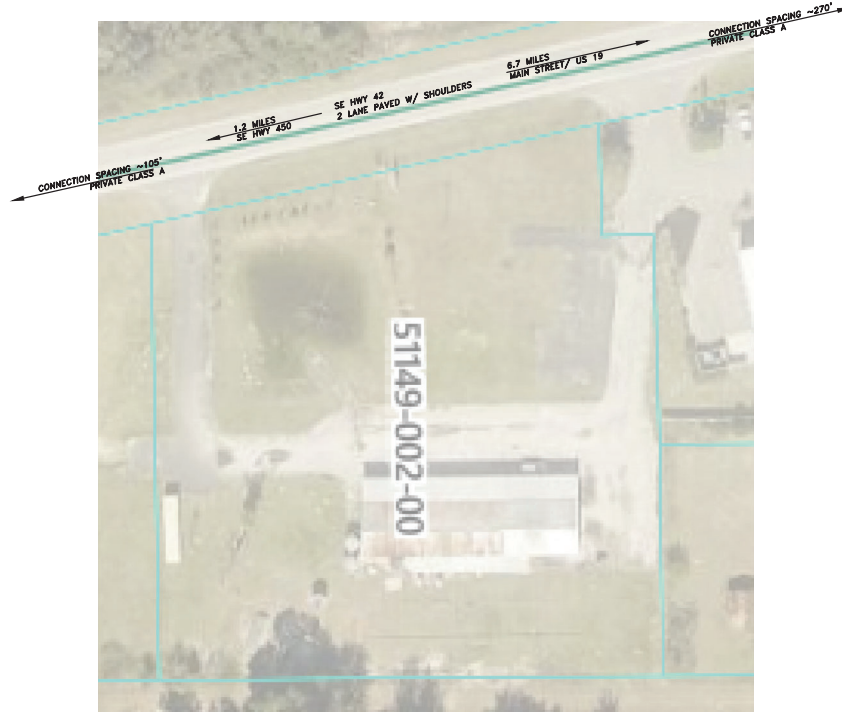
SIGN DETAIL
N.T.S.
EXCERPT FROM AS-BUILT PLANS
(TO REMAIN)



MASS TRANSIT- NO ROUTES



OVERALL PARCEL TRAFFIC IMPACT



SITE INGRESS / EGRESS PLAN

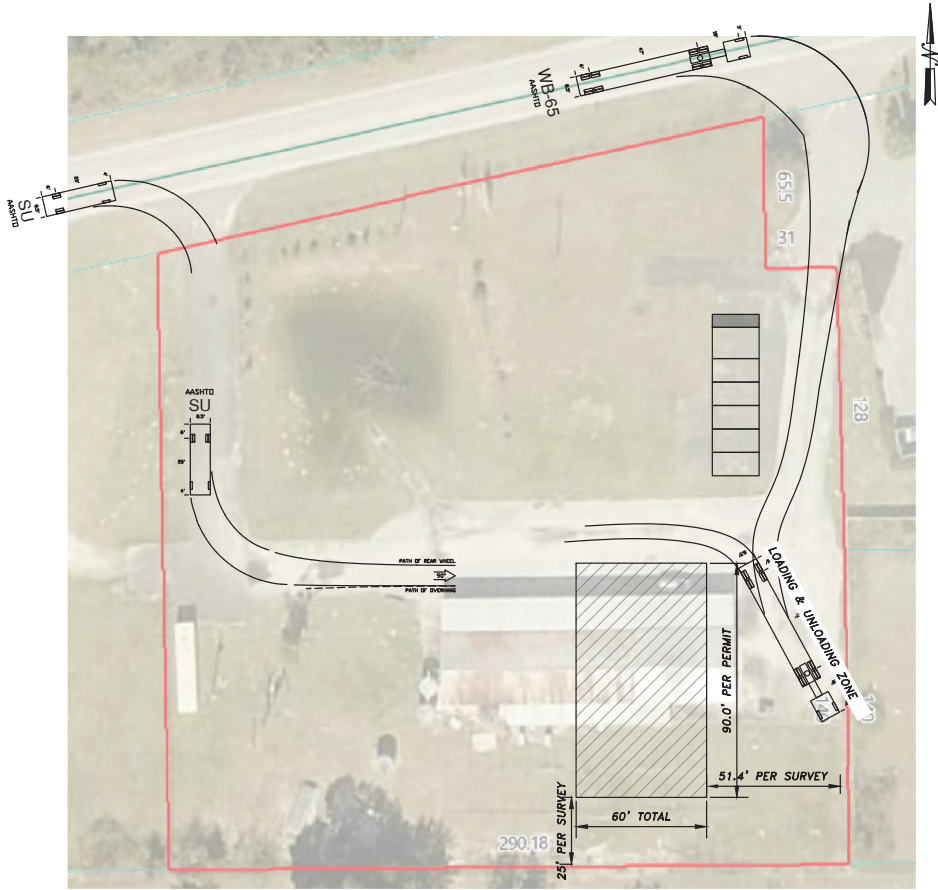
Merak Alliance LLC
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REVISIONS

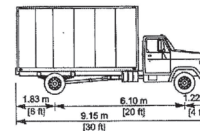
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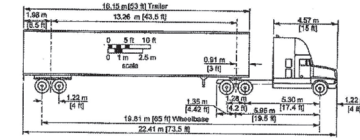


TRAFFIC NOTES

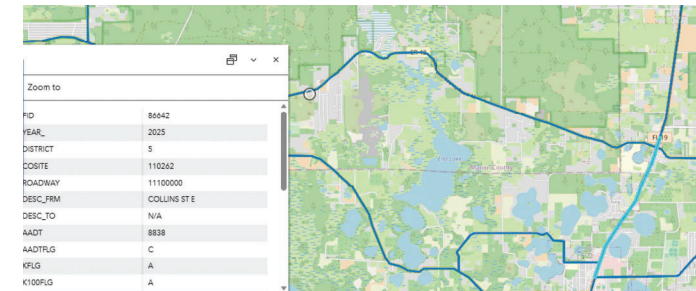
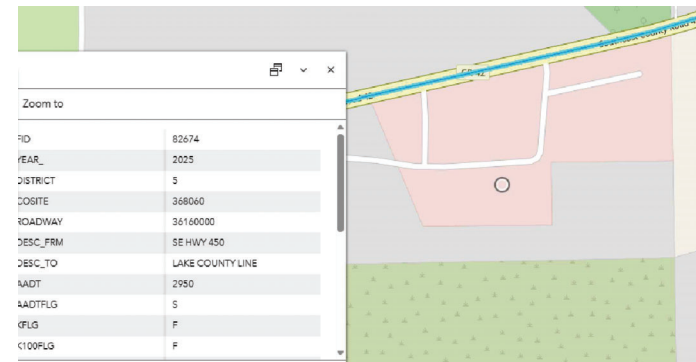
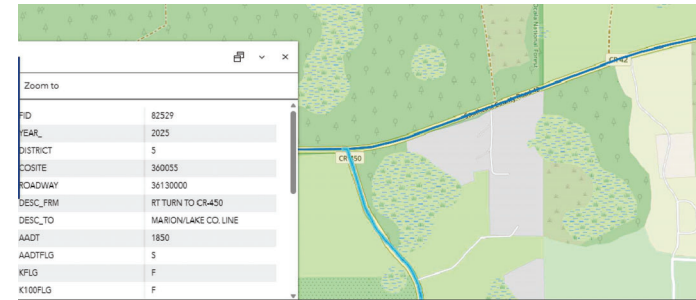
1. PASSENGER VEHICLES AND MOVEMENTS NOT SHOWN. SITE IS ABLE TO ACCOMMODATE SMALLER VEHICLES WHERE SU & WB-67 ARE SHOWN
2. ITE LAND USE CODE 110 - GENERAL LIGHT INDUSTRIAL:
 - 2.1. ~4 TOTAL TRIPS
 - 2.1.1. ~2 TRIPS EXITING
 - 2.1.2. ~2 TRIPS ENTERING
3. FBC 8TH OCCUPANT LOAD: (5400 FT2 GROSS AREA):
 - 3.1. STORAGE, STOCK OR SHIPPING AREAS ($\frac{5400}{300}$) GROSS = 18 OCCUPANTS
 - 3.2. FABRICATION OR MANUFACTURING ($\frac{5400}{200}$) GROSS = 27 OCCUPANTS <-- CONTROLS
4. PARKING SPACES: LOW TRAFFIC, 1/1000H2
 - 4.1. 5 PARKING SPACES REQUIRED
 - 4.2. 1 HANDICAP SPACE REQUIRED
 - 4.2.1. 12"x18" RETRO-REFLECTIVE SIGNS REQ. 60" HIGH --"PARKING BY DISABLED PERMIT ONLY"
 - 4.3. HANDICAP SPACES MEASURE 18'X12' WITH 5' ISLE
 - 4.4. OTHER SPACES MEASURE 18'X9'
5. NO LIGHTING FOR PARKING IS EXISTING OR PROPOSED
6. PAVED PARKING AREAS PROPOSED TO REMAIN AS IS



AASHTO SU



AASHTO WB65



AADT DATA

Merak Alliance LLC
PO BOX 649 MCINTOSH, FL 32664

ROBERT DRYER
24700 SE COUNTY HWY 42, UMATILLA, FL 32784

REVISIONS

05/01/2026

SUNLAKE ESTATES VOLUNTEER FIRE
 SUNLAKE ESTATES VOLUNTEER FIRE
 1101 ST LAWRENCE DR
 GRAND ISLAND, FL 32735
 (352) 669-1667

MARION COUNTY FIRE RESCUE
 STATION 6
 MARION COUNTY FIRE RESCUE
 15490 SE 182ND AVE RD
 UMATILLA, FL 32784
 (352) 438-2906

FOR BUILDING DATA REFER TO PLANS S&S ON
 04/10/25 BY RICHARD T SMITH PE#43547

UMATILLA FIRE DEPARTMENT
 UMATILLA FIRE DEPARTMENT
 1 CASSADY ST
 UMATILLA, FL 32784
 (352) 669-1711

HYDRANT PROXIMITY DATA
 1. HYDRANT ON PROPERTY PER SURVEY
 WITH WATER STORAGE (PER SURVEY)
 2. HYDRANT ID 06-014
 4710 SE HWY 42
 PRIVATE D/H

PER ASCC HAZARD TOOL ARIAL:
 MCFR ROLLING WOODS VOLUNTEER ST 29
 24798 SE HWY 42
 UMATILLA, FL 32784
 (352) 291-8000

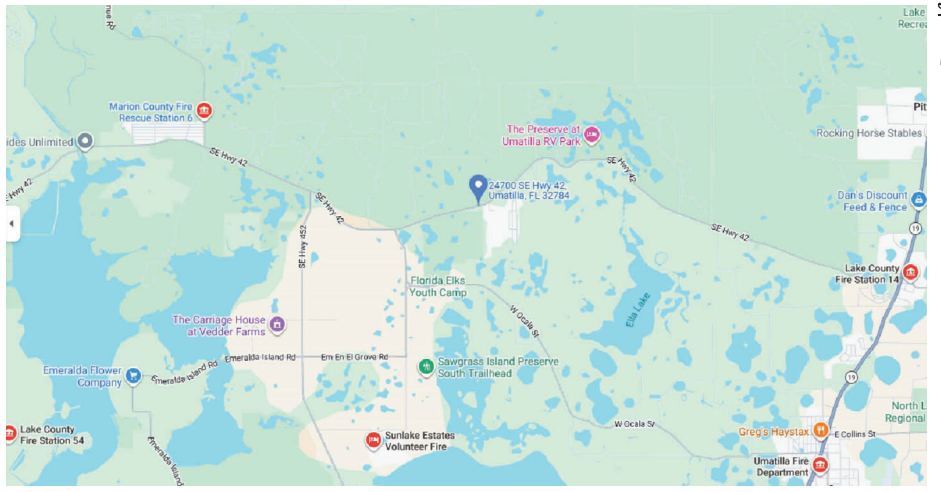


ACTUAL DRY HYDRANT LOCATION

HYDRANT MAP



EMERGENCY RESPONSE PROXIMITY PLAN



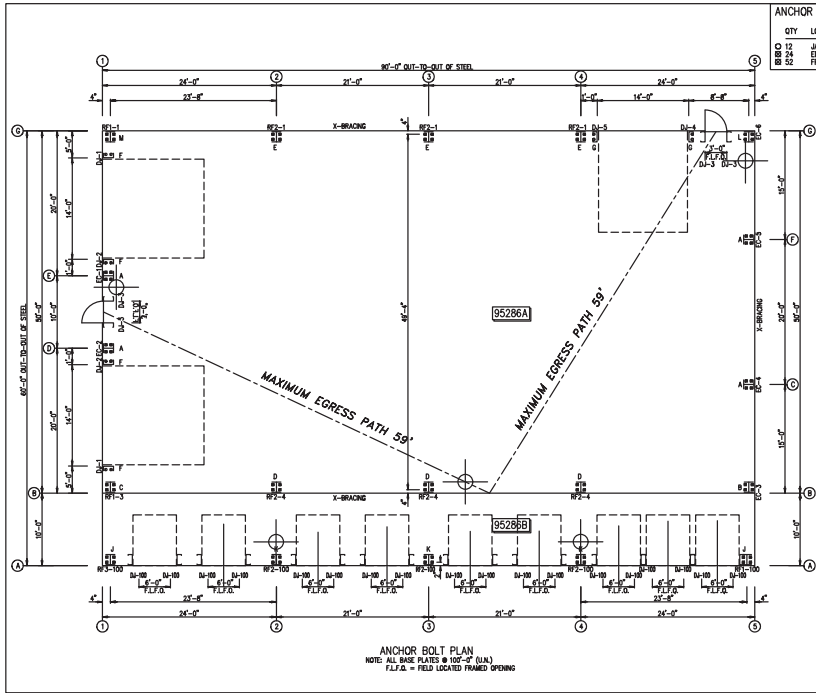
FIRE DEPARTMENT MAP

Merak Alliance LLC
 PO BOX 649 MCINTOSH, FL 32664

ROBERT DRYER
 24700 SE COUNTY HWY 42, UMATILLA, FL 32784

REVISIONS

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 FIRE - 1
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BUILDING FLOOR PLAN
(REFERENCED FROM OTHERS, EMPHASIS ADDED TO DOORS FOR CLARITY)


ANCHOR BOLT SUMMARY

QTY	LOCATE	ØA	ØB	TYPE
08	12	JAMB	5/8"	A307
24	24	ENDWALL	5/8"	A307
24	24	FRAME	5/8"	A307

DESIGNED BY	ROBERT DRYER
CHECKED BY	ROBERT DRYER
DATE	05/01/2026
PROJECT	24700 SE COUNTY HWY 42, UMATILLA, FL 32784
CLIENT	Merak Alliance LLC
ADDRESS	1101 3RD AVE
CITY	GRAND JUNCTION, CO 81501
STATE	CO
PHONE	970.243.1111
WWW	WWW.GREATWESTERNBUILDINGS.COM
SCALE	3 OF 22
PROJECT NO.	95286
DATE	05/01/2026
PROJECT	ANCHOR BOLT PLAN

THIS SEAL PERTAINS ONLY TO THE MATERIALS DESIGNED AND SUPPLIED BY GREAT WESTERN BUILDINGS. THE DRAWINGS AND THE METAL BUILDING WHICH THEY REPRESENT ARE THE PRODUCT OF GREAT WESTERN BUILDINGS. THE REGISTERED PROFESSIONAL ENGINEER WHOSE SEAL AND SIGNATURE APPEARS ON THESE DRAWINGS IS EMPLOYED BY GREAT WESTERN BUILDINGS AND DOES NOT SERVE AS OR REPRESENT THE ORIGINAL PROJECT ENGINEER OF RECORD AND SHALL NOT BE CONSIDERED AS SUCH.

LIFE SAFETY NOTES

- EXIT SIGNS ABOVE BOTH WALK THROUGH DOORS TO COMPLY WITH NFPA 101, FBC-B 2023 & FLORIDA FIRE PREVENTION CODE.
 - USE [HTTPS://WWW.EXITLIGHTCO.COM/PRODUCT/COMBOLG-R.HTML](https://www.EXITLIGHTCO.COM/PRODUCT/COMBOLG-R.HTML) OR EQUAL
- ENTIRE FLOOR AREA IS UN-SPRINKLED PER NFPA13.
 - PORTABLE FIRE EXTINGUISHERS ARE REQUIRED AS SHOWN ON THESE PLANS; MARK = 
 - FIVE-20 LBS. ABC DRY CHEMICAL FIRE EXTINGUISHER (10-A:120-B:C)
 - MOUNT AT 48" AFF
 - AFFIX SIGN ABOVE: [HTTPS://WWW.HOMEDEPOT.COM/PEP/EVERBILT-4-IN-X-18-IN-REFLECTIVE-FIRE-EXTINGUISHER-SIGN-31494/303972757](https://www.HOMEDEPOT.COM/PEP/EVERBILT-4-IN-X-18-IN-REFLECTIVE-FIRE-EXTINGUISHER-SIGN-31494/303972757) OR EQUAL
- THE MAXIMUM PATH OF EGRESS TRAVEL IS 59' TO THE EXTERIOR OF THE BUILDING.
- MOTOR VEHICLES, EXCEPT PROPANE FORKLIFTS ARE NOT PERMITTED TO BE DRIVEN OR OTHERWISE OPERATED INSIDE BUILDING.

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FIRE-2
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Location
24700 Se Hwy 42, Umatilla, Florida, 32784

Elevation: 120 ft with respect to North American Vertical Datum of 1988 (NAVD 88)

Lat: 28.979473

Long: -81.745519

Standard: ASCE/SEI 7-22

Risk Category: II

Soil Class: Default

Wind Overlay
131 Vmph **DETAILS**

Rain Overlay
15 min: 7.77 in./h
60 min: 3.99 in./h **DETAILS**

Flood Overlay
Zone: X (unshaded) **DETAILS**

ASCE 7-22 SITE DESIGN CRITERIA

SITE AREA DISTRIBUTION

1. PER MARION COUNTY PROPERTY APPRAISER
 - 1.1. TOTAL ACREAGE 2.10
 - 1.2. GCSF ZONING B5 87,555.60 FT2
 - 1.3. GCSF ZONING A1 3,766.00 FT2
 - 1.4. CONCRETE PAVING SURFACE 7,422 FT2
 - 1.5. ASPHALT PAVING SURFACE 22,481 FT2
 - 1.6. TOTAL FOR RESIDENCE: 4,511 FT2
2. PER SURVEY
 - 1.1. SITE AREA 91,272 FT2
 - 1.2. IMPERVIOUS AREA 35,915 FT2
 - 1.3. PERVIOUS AREA 53,357 FT2

SITE ENVIRONMENTAL NOTES

1. AN ENVIRONMENTAL IMPACT SCREENING WAS CONDUCTED FOR THE SUBJECT PROPERTY INCLUDING:
 - 1.1. LAND USE - A1/B5
 - 1.2. HUMAN HEALTH HAZARD - NOT SIGNIFICANT
 - 1.3. AIR QUALITY - NOT SIGNIFICANT
 - 1.4. SOIL SUITABILITY - MINIMAL CHANGE OVER PREVIOUS USE
 - 1.5. WETLAND CONTAMINATION - NOT SIGNIFICANT
2. IT WAS DETERMINED THAT THERE IS NO SIGNIFICANT ENVIRONMENTAL IMPACT OF THE PROPOSED USE

Drainage Calculations
24700 SE Hwy42, Umatilla, FL32784

Lot / Parcel Area 91272 ft2

Description	Existing	Proposed	Change
Existing House	Area 1 = 4511 ft2	4511 ft2	0 ft2
Proposed Building	Area 2= 0 ft2	2100 ft2	2100 ft2
Concrete Paving Surface	Area 3 = 7422 ft2	7422 ft2	0 ft2
Asphalt Paving Surface	Area 4 = 22481 ft2	22481 ft2	0 ft2
	Area 5 = 0 ft2	0 ft2	0 ft2
	Area 6= 0 ft2	0 ft2	0 ft2
	Area 7 = 0 ft2	0 ft2	0 ft2
Component Totals =	34414 ft2	36514 ft2	2100 ft2
	Existing ISR = 38%		
	proposed ISR = 40%		

EXISTING / PROPOSED ISR



FLOOD ZONE BOUNDARIES
ENTIRE IMPACTED AREA FLOOD ZONE X

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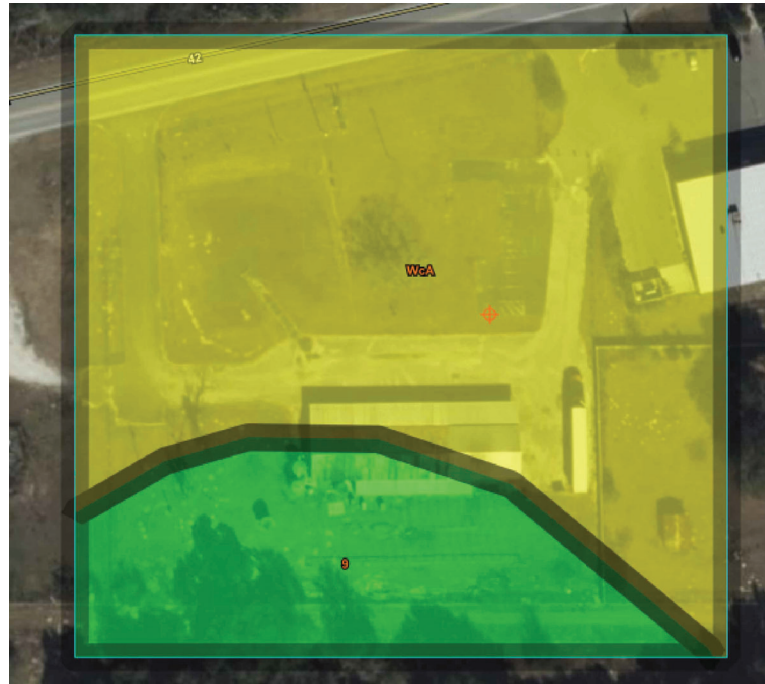
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NO.	DESCRIPTION	DATE

05/01/2026



USGS SOIL DATA AOI

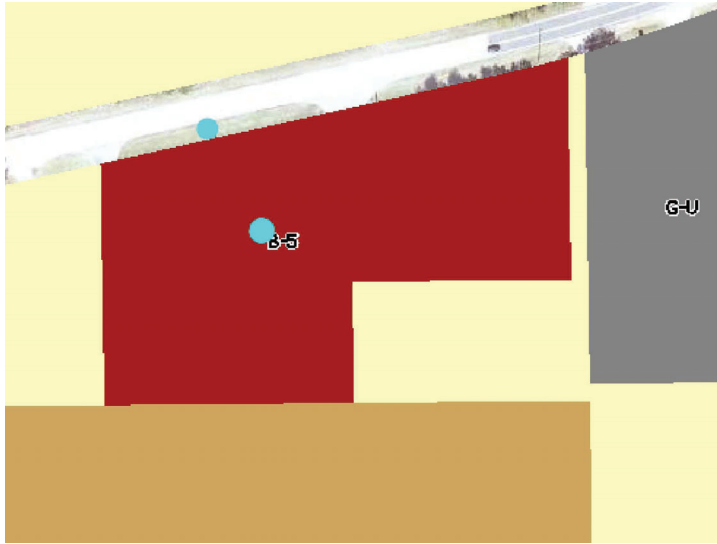


USGS SOIL DATA AOI

Map Unit Legend			
Ocala National Forest Area, Florida (FL609)			
Ocala National Forest Area, Florida (FL609)			
Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
9	Astatula sand, fire regime, 0 to 5 percent slopes	0.9	25.9%
WcA	Wicksburg sand, 0 to 5 percent slopes	2.7	74.1%
Totals for Area of Interest		3.6	100.0%

SITE GEOTECHNICAL NOTES

1. SOILS SUSCEPTIBILITY TO COMPACTION- LOW. A LOW RATING, PER USGS, INDICATES THAT THE POTENTIAL FOR COMPACTION IS INSIGNIFICANT. BOTH SOIL TYPES ARE ABLE TO SUPPORT STANDARD EQUIPMENT WITH MINIMAL COMPACTION AND EXHIBIT ONLY SMALL CHANGES IN DENSITY (SWELL POTENTIAL) WITH CHANGING MOISTURE CONTENT.
2. THE IN-SITU SOILS (ASTATULA SAND & WICKSBURG SAND) ABILITY TO MAINTAIN LAWNS AND LANDSCAPING UNDER LIGHT VEHICLE AND HEAVY FOOT TRAFFIC IS VERY LIMITED. SPECIAL ATTENTION TO MAINTAIN TURF MAY BE REQUIRED DEPENDING ON FREQUENCY OF USE. TRAFFIC AS PROPOSED IN THIS PLAN IS INTENDED TO REMAIN ON PAVED SURFACES EXCEPT MAINTENANCE.
3. BOTH SOILS HAVE A MODERATE HAZARD OF SURFACE RUT FORMATION AND IS NOT LIKELY TO SUPPORT TRAFFIC WELL.
4. SOIL IS MOSTLY MODERATELY DROUGHT VULNERABLE WHICH MEANS THAT THE SOIL AND SITE PROPERTIES ARE SUCH THAT SOME WATER STRESS MAY OCCUR, BUT IN A GOOD YEAR, PLANT AVAILABLE WATER IS GENERALLY ADEQUATE. ATTENTION SHOULD BE MADE BY GENERAL CONTRACTOR TO ESTABLISH GRASS WHERE DISTURBED FOR A PERIOD OF 3 MONTHS.
5. ABILITY OF WICKSBURG SAND TO CONVEY SURFACE WATER ACROSS LANDSCAPE IS SOMEWHAT LIMITED. THIS INDICATES THAT THE SOIL HAS FEATURES THAT ARE MODERATELY FAVORABLE FOR PERMEABILITY. THE PERMEABILITY CAN BE ENHANCED BY SHRUB AND MULCHED AREAS IF DESIRED. FAIR PERFORMANCE AND MODERATE MAINTENANCE CAN BE EXPECTED.



ZONING INFORMATION FROM MARION COUNTY GIS

Land Data - Warning: Verify Zoning

Use	CUse	Front	Depth	Zoning	Units	Type	Rate
GCSF	1000	.0	.0	B5	87,555.60	SF	
GCSF	0100	.0	.0	A1	3,766.00	SF	

Neighborhood 9996
Mkt: 2 70

ZONING INFORMATION FROM MARION COUNTY PROPERTY APPRAISER

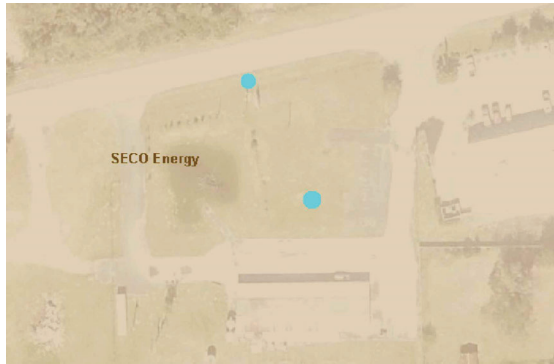
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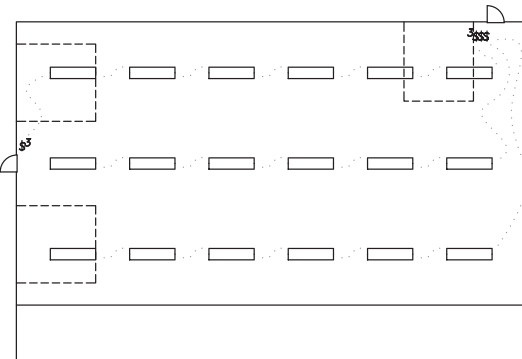
Permit Number	Date Issued	Date Completed	Description
2024031367	5/1/2024	5/1/2024	UPGRADE FOR 200A TO 400A 3 PHASE ON 1 STORY BUILDING ON BAC

ELECTRIC SERVICE PERMIT

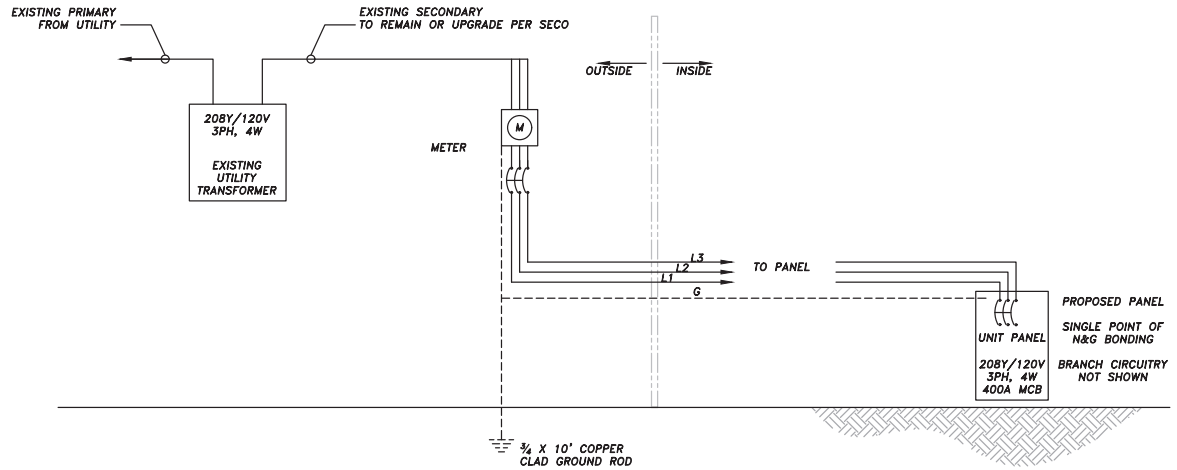


SECO Energy

ELECTRIC SERVICE PROVIDER



LIGHTING PLAN



ELECTRICAL RISER DIAGRAM

LIGHTING NOTES

- ELECTRICAL COMPONENT INSTALLATION SHALL COMPLY WITH FBC 8TH EDITION, MANUFACTURERS INSTRUCTIONS AND NFPA 70.
- MAIN PANEL WITH SEC CONNECTION:
 - SERVICE = 208Y/120V 3-PHASE
- ARC FAULT CIRCUIT INTERRUPTION PROTECTION REQUIRED ON ALL 120V BRANCH CIRCUITS.
- AMBIENT TEMPERATURE IN SERVICE IS NOT EXPECTED TO EXCEED 104°F.
- COORDINATE WITH OWNER FOR SPECIFIC TYPE, MANUFACTURER, GEOMETRY, ETC OF ELECTRICAL COMPONENTS.
- WIRING THAT IS EXPOSED SHALL BE RUN IN ONE OF THE APPROVED CONDUIT TYPES PER FBC 8TH AND NFPA 70.
- LIGHT SWITCHES SHALL HAVE AUTOMATIC SHUT OFF FUNCTION PER FBC
- LIGHTS SHOWN MAY BE LED, FLUORESCENT OR LPS AS EQUAL. COORDINATE WITH OWNER

ELECTRICAL UTILITY NOTES

- SEC SUPPLY ROUTING AND BUILDING ELECTRICAL PLAN NOT PART OF THIS PERMIT
- CONTRACTOR TO VERIFY EXISTING OVERHEAD ELECTRIC WIRE CROSSING DRIVEWAY PROVIDES 16" VERTICAL CLEARANCE.
 - CONTACT UTILITY OWNER (SECO) BEFORE ANY OPERATIONS WITHIN 25' OF OVERHEAD ELECTRIC LINES.
- ELECTRIC SERVICE TO BE 208Y/120V THREE PHASE.

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