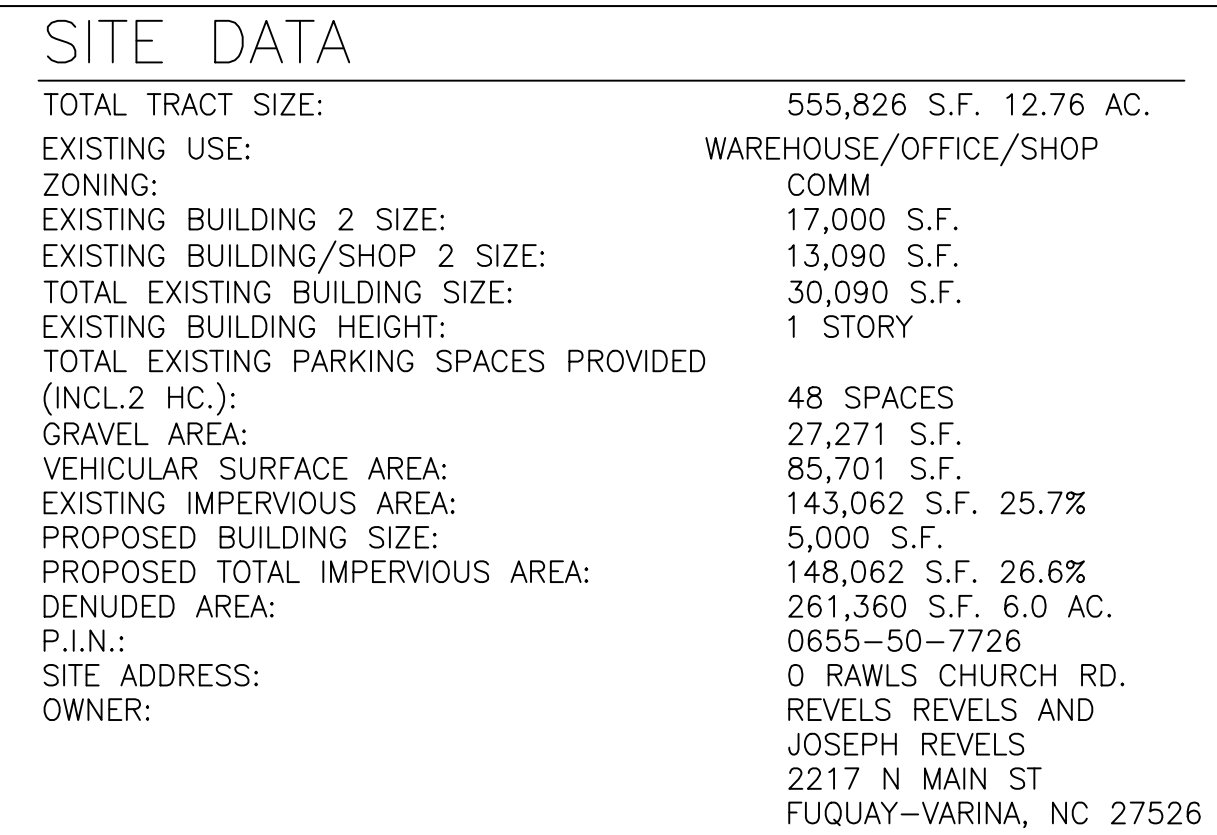


[illegible]

STEWART - PROCTOR
 ENGINEERING AND SURVEYING P-0148
SP 319 CHAPANOKE ROAD
 Raleigh, North Carolina 27603
 Phone (919) 779-1855 Fax (919) 779-1661

PREPARED FOR :	REVELS TURF AND TRACTOR 2217 N MAIN STREET FUFUQUAY-VARINA, NC 27526
DATE :	12-13-22
PROJECT ENGINEER:	MIKE STEWART
PROJECT CADD DESIGNER:	JOHN A. TEEL
PROJECT NUMBER:	

REVELS TURF AND TRACTOR

HARNETT COUNTY, NORTH CAROLINA

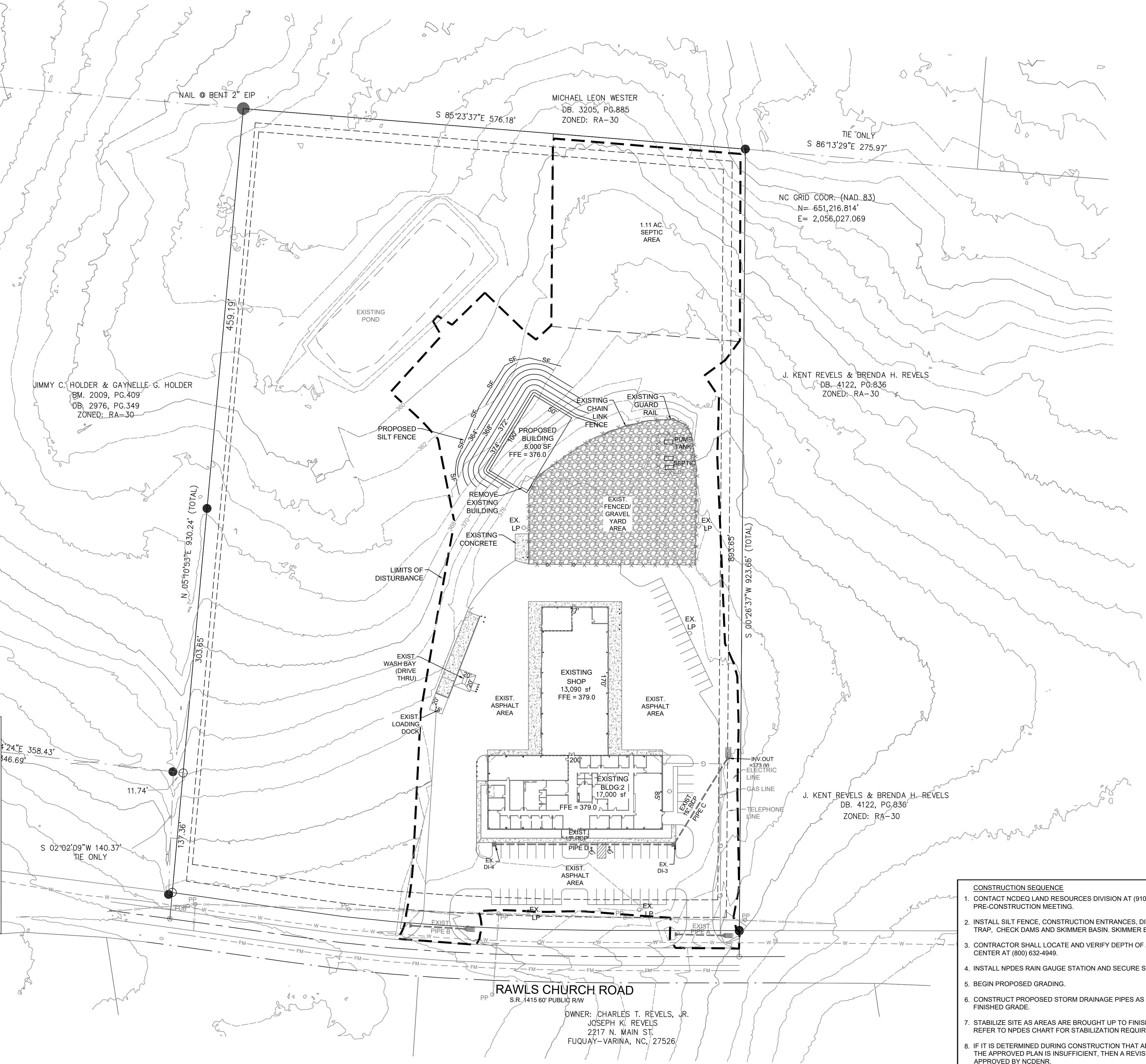
SITE PLAN

DRAWING
SHEET
C-3

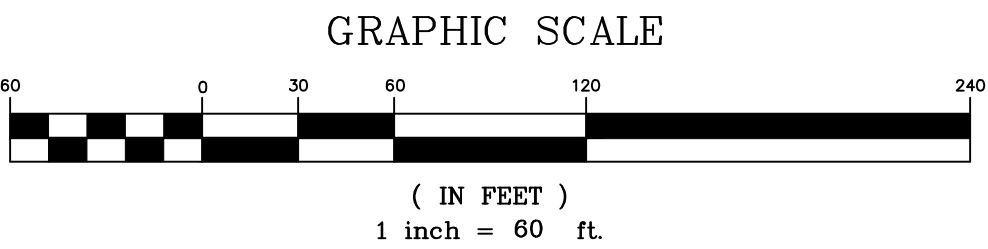


NEW STABILIZATION TIMEFRAMES (Effective Aug. 3, 2011)		
SITE AREA DESCRIPTION	STABILIZATION	TIMEFRAME EXCEPTIONS
Perimeter dikes, swales, ditches, slopes	7 days	None
High Quality Water (HQW) Zones	7 days	None
Slopes steeper than 3:1	7 days	If slopes are 10' or less in length and are not steeper than 2:1, 14 days are allowed.
Slopes 3:1 or flatter	14 days	7 days for slopes greater than 50' in length.
All other areas with slopes flatter than 4:1	14 days	None, except for perimeters and HQW Zones.

GENERAL SITE NOTES:
1. SITE CURRENTLY IS FALLOW AND VACANT.
2. ALL CONSTRUCTION SHALL CONFORM TO HARNETT CONTY DESIGN AND CONSTRUCTION STANDARDS.
3. ALL NECESSARY APPROVALS, STATE AND LOCAL, SHALL BE OBTAINED PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION.
4. ALL NECESSARY ENCROACHMENT AGREEMENTS SHALL BE OBTAINED PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION.
5. CONSTRUCTION DRAWING APPROVAL IS REQUIRED BEFORE CONSTRUCTION OF THIS PROJECT CAN BEGIN. ALSO, ALL DEVELOPMENT FEES (ACREAGE, FEE-IN-LIEU OF ASSESSMENT, AND INSPECTION FEES) ARE DUE PRIOR TO FINAL CONSTRUCTION DRAWING APPROVAL.
6. CONTRACTOR SHALL VERIFY THE ABOVE AND BELOW GROUND LOCATION OF ALL EXISTING UTILITIES PRIOR TO THE START OF CONSTRUCTION.
7. CONTRACTOR SHALL COORDINATE THE RELOCATION OF ANY CONFLICTING UTILITIES WITH THE APPROPRIATE UTILITY COMPANY AND/OR AUTHORITY CONTRACTOR SHALL VERIFY ALL EXISTING SITE CONDITIONS PRIOR CONTRACTOR SHALL VERIFY ALL EXISTING SITE CONDITIONS PRIOR.
8. CONTRACTOR SHALL VERIFY ALL EXISTING SITE CONDITIONS PRIOR TO THE START OF CONSTRUCTION NOTE - A SIGN PERMIT IS REQUIRED PRIOR TO INSTALLATION.



FOR REVIEW ONLY-
NOT FOR CONSTRUCTION
PLAN IS SUBJECT TO REVISIONS DURING
THE CONSTRUCTION APPROVAL PROCESS



- CONSTRUCTION SEQUENCE
1. CONTACT NCDEQ LAND RESOURCES DIVISION AT (910) 433-3300 TO SCHEDULE A PRE-CONSTRUCTION MEETING.
 2. INSTALL SILT FENCE, CONSTRUCTION ENTRANCES, DIVERSION DITCHES, TEMPORARY SEDIMENT TRAP, CHECK DAMS AND SKIMMER BASIN. SKIMMER BASIN TO BE GRADED AS WET POND.
 3. CONTRACTOR SHALL LOCATE AND VERIFY DEPTH OF ALL EXISTING UTILITIES. NC ONE CALL CENTER AT (800) 632-4949.
 4. INSTALL NPDES RAIN GAUGE STATION AND SECURE STATION FROM TAMPERING.
 5. BEGIN PROPOSED GRADING.
 6. CONSTRUCT PROPOSED STORM DRAINAGE PIPES AS GRADED AREAS ARE BROUGHT UP TO FINISHED GRADE.
 7. STABILIZE SITE AS AREAS ARE BROUGHT UP TO FINISH GRADE WITH VEGETATION, PAVING, ETC. REFER TO NPDES CHART FOR STABILIZATION REQUIREMENTS.
 8. IF IT IS DETERMINED DURING CONSTRUCTION THAT ADDITIONAL MEASURES ARE NEEDED AND/OR THE APPROVED PLAN IS INSUFFICIENT, THEN A REVISED PLAN MUST BE SUBMITTED TO AND APPROVED BY NCDENR.
 9. INSPECT AND MAINTAIN THE EROSION CONTROL DEVICES SO THEY CONTINUE TO FUNCTION PROPERLY. SILT FENCING SHALL BE INSPECTED AND CLEANED OF SEDIMENT AFTER EACH RAINFALL. ALL DEWATERING SHALL BE DONE THROUGH A SEDIMENTATION BAG.
 10. COMPLETE FINAL GRADING OF BUILDING AREAS AND STABILIZE WITH GRAVEL AND PAVEMENT.
 11. COMPLETE FINAL GRADING OF ALL SLOPES AND PERMANENTLY VEGETATE WITHIN 7 DAYS.
 12. IF SITE IS APPROVED, REMOVE BASIN, SILT FENCE, ETC.

NO. REVISION DATE

SEAL: NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 22024 MICHAEL L. STEWART

STEWART - PROCTOR

ENGINEERING AND SURVEYING P-0148

319 CHAPANOKE ROAD

Raleigh, North Carolina 27603

Phone (919) 779-1855 Fax (919) 779-1661

PREPARED FOR: REVELS TURF AND TRACTOR 2217 N. MAIN STREET FUQUAY-VARINA, NC 27526

DATE: 12-13-22

PROJECT ENGINEER: MIKE STEWART

PROJECT CAD DESIGNER: JOHN A. TEEL

PROJECT NUMBER:

REVELS TURF AND TRACTOR

HARNETT COUNTY, NORTH CAROLINA

EROSION CONTROL, DRAINAGE AND GRADING PLAN

DRAWING SHEET

C-5

EGRESS REQ. & CODE REF.
COMMON PATH OF TRAVEL = 75' MAX. MAX. TRAVEL DIST. = 200' DOORS TO HAVE 32" MIN. CLR. PER 404.2.2 OF ANSI A117.1 THE CLEAR WIDTH OF INTERIOR ACCESSIBLE ROUTE IS 36" MIN. PER 403.5 OF ANSI A117.1

COMMON PATH OF TRAVEL = 75' MAX.
MAX. TRAVEL DIST. = 200'
DOORS TO HAVE 32" MIN. CLR. PER 404.2.2 OF ANSI A117.1
THE CLEAR WIDTH OF INTERIOR ACCESSIBLE ROUTE IS 36" MIN. PER 403.5 OF ANSI A117.1

LEGEND

	EGRESS PATH
	ABC FIRE EXTINGUISHER
FE	SURFACE MOUNTED HANDLE OF EXT. 48" AFF MAX VERIFY LOC. W/ FIRE MARSHALL

-----> EGRESS PATH

 FE ABC FIRE EXTINGUISHER
SURFACE MOUNTED
HANDLE OF EXT. 48" AFF MAX
VERIFY LOC. W/ FIRE MARSHALL

DOOR SCHEDULE							
DOOR				FRAME		HDWR SET NO.	REMARKS
MARK	SIZE	MAT'L	TYPE	TYPE	DETAILS		
①	3'-0" x 7'-0" x 1-3/4"	INSUL. HM.	---	---	---	1	---
②	12'-0" x 12'-0"	INSUL. STL.	---	---	---	---	OH DOOR W/ LITES
③	3'-0" x 7'-0" x 1-3/4"	INSUL. HM.	---	---	---	1	---

NOTES:

COORDINATE KEYING OF HARDWARE WITH OWNER
DOOR HANDLES TO BE LEVER HANDLE
ALL DOORS TO MEET NCSBC SECTION 1609.1.2

HARDWARE SETS

1. ENTRY LOCKSET WITH CLOSER

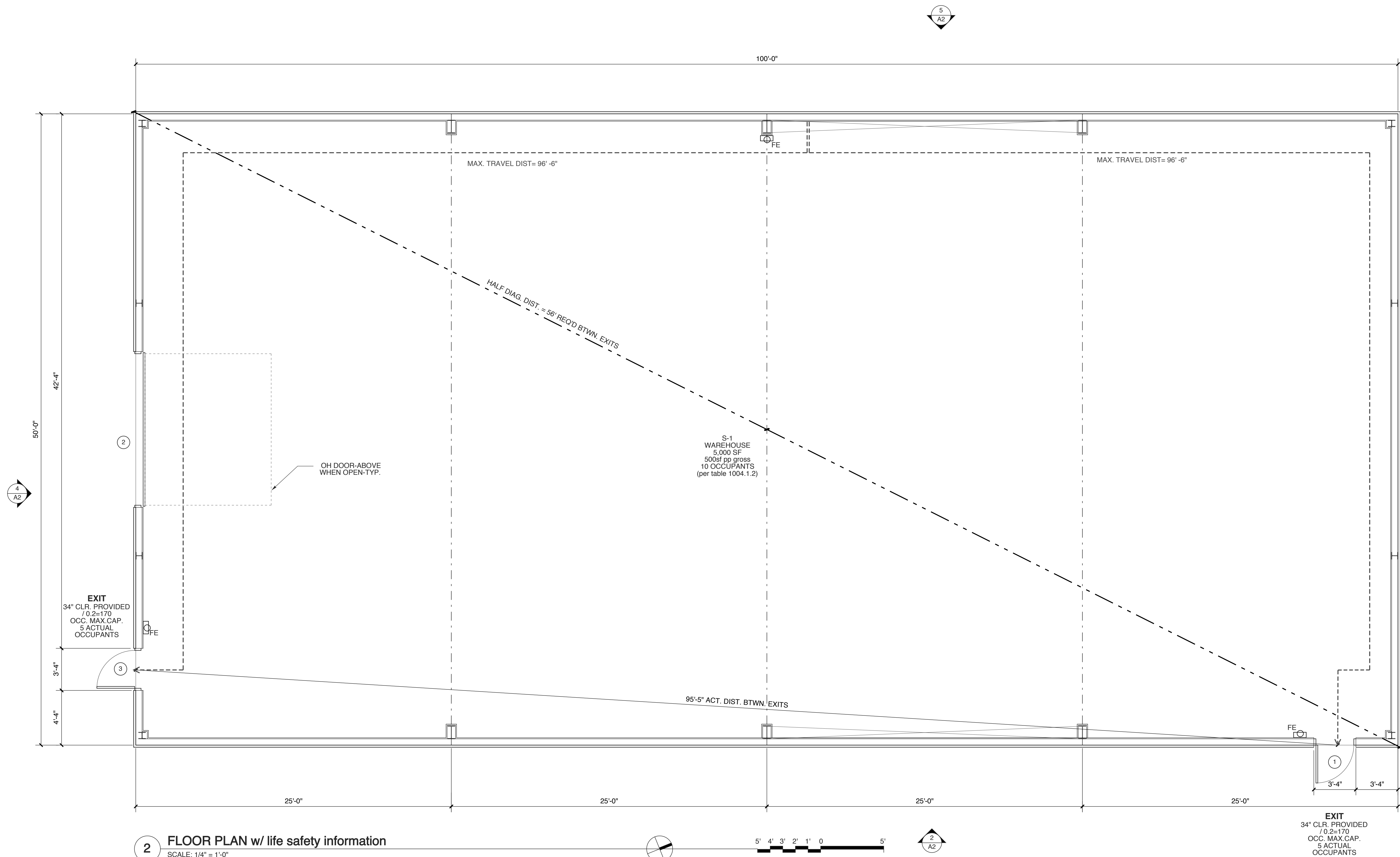
	DOOR			FRAME			
MARK	SIZE	MAT'L	TYPE	TYPE	DETAILS	HDWR SET NO.	REMARKS
①	3'-0" x 7'-0" x 1-3/4"	INSUL. HM.	---	---	---	1	---
②	12'-0" x 12'-0"	INSUL. STL.	---	---	---	---	OH DOOR W/ LITES
③	3'-0" x 7'-0" x 1-3/4"	INSUL. HM.	---	---	---	1	---

NOTES:

- COORDINATE KEYING OF HARDWARE WITH OWNER
- DOOR HANDLES TO BE LEVER HANDLE
- ALL DOORS TO MEET NCSBC SECTION 1609.1.2

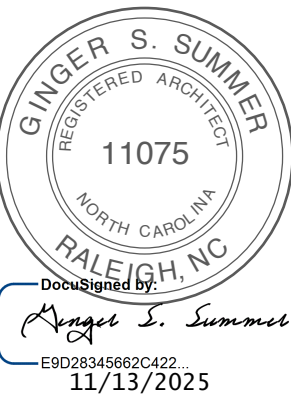
HARDWARE SETS

1. ENTRY LOCKSET WITH CLOSER



WS
ARCHITECTS

W. S. ARCHITECTS, PA
3305-109 Durham Drive
Raleigh, North Carolina 27603
919.779.9797
www.wsarchitectspa.com



PROJECT TITLE
**REVELS
STORAGE BLDG.**
5118 RAWLS CHURCH ROAD
FUQUAY-VARINA, NC

PROJECT NO
2525

DRAWING TITLE
PLANS

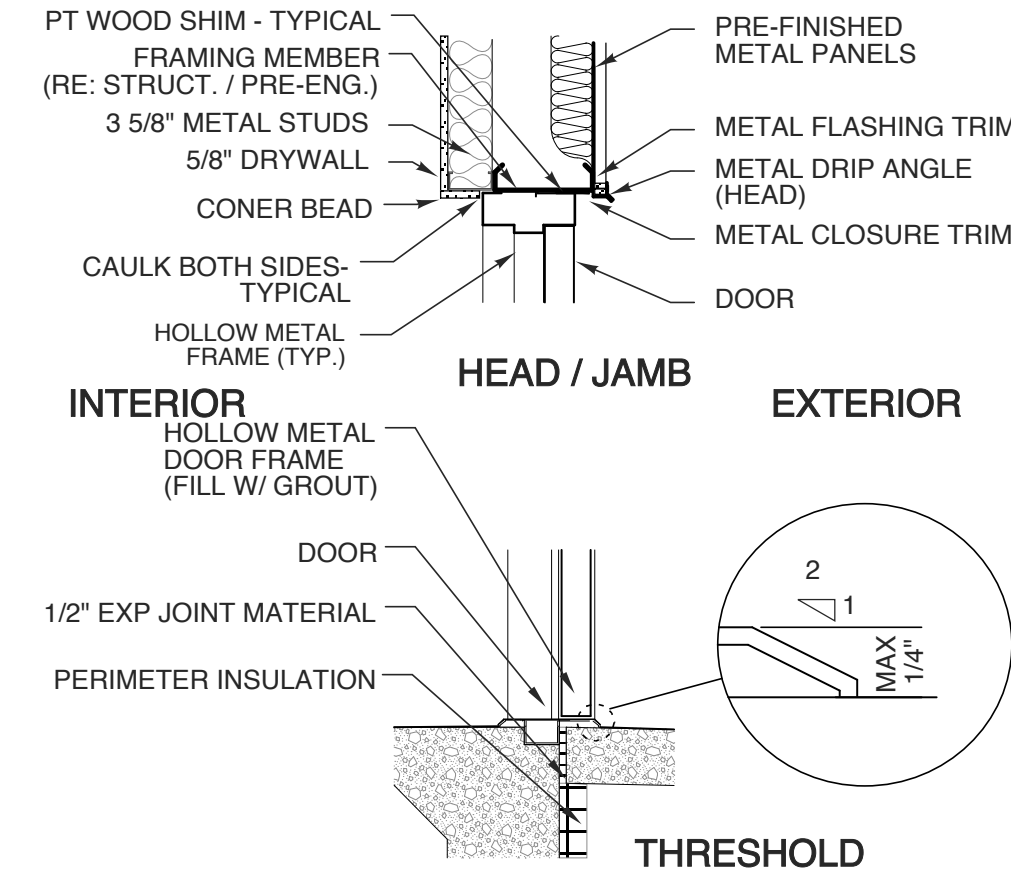
SHEET 2 OF 3

A1

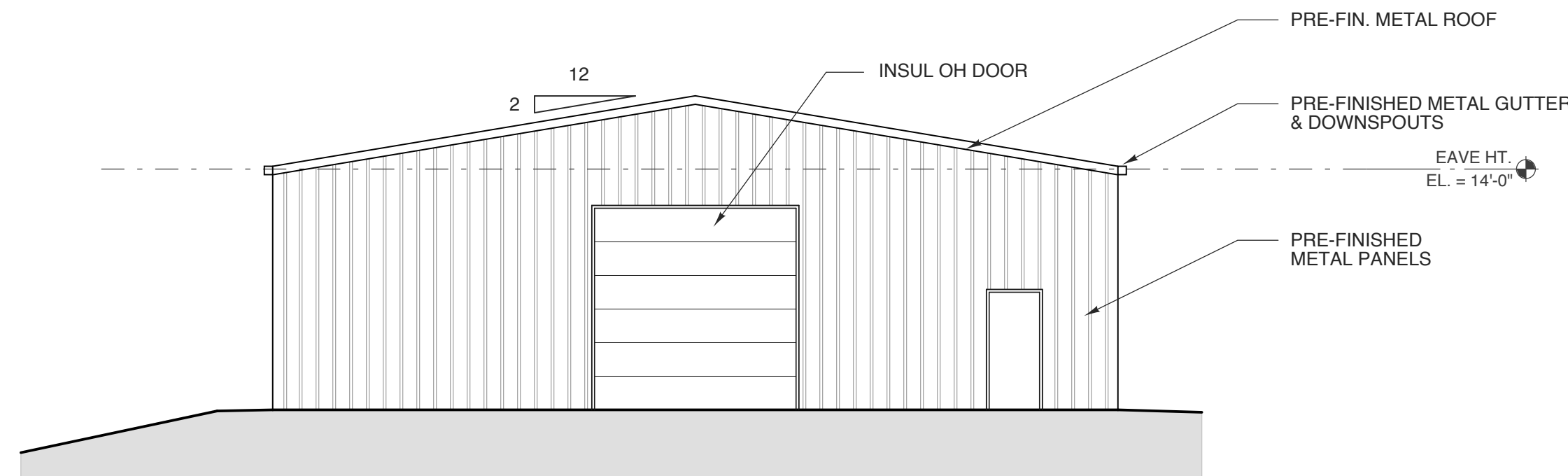
PLOT DATE	11/13/25
REVISION	---

This original sheet is 24" x 36"; other dimensions indicate it has been altered.

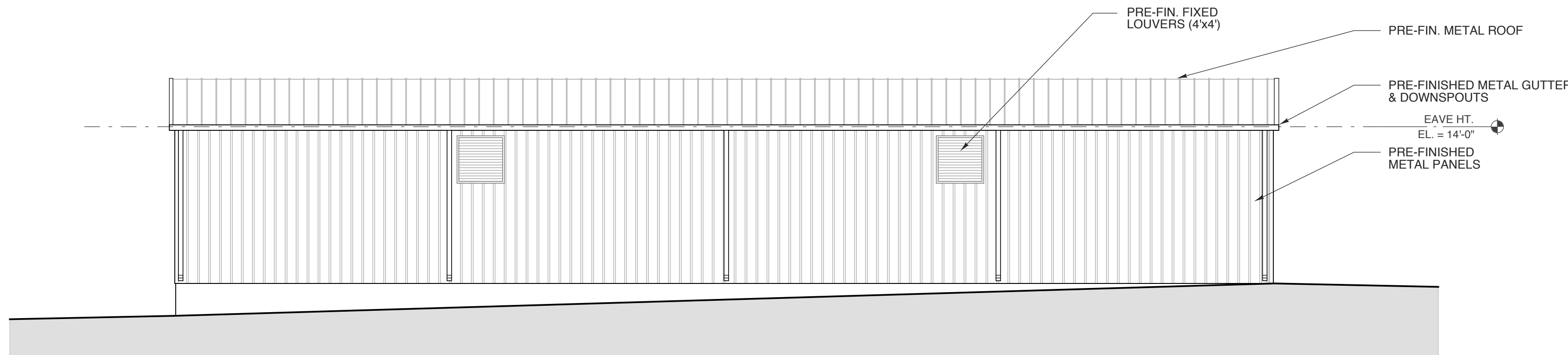
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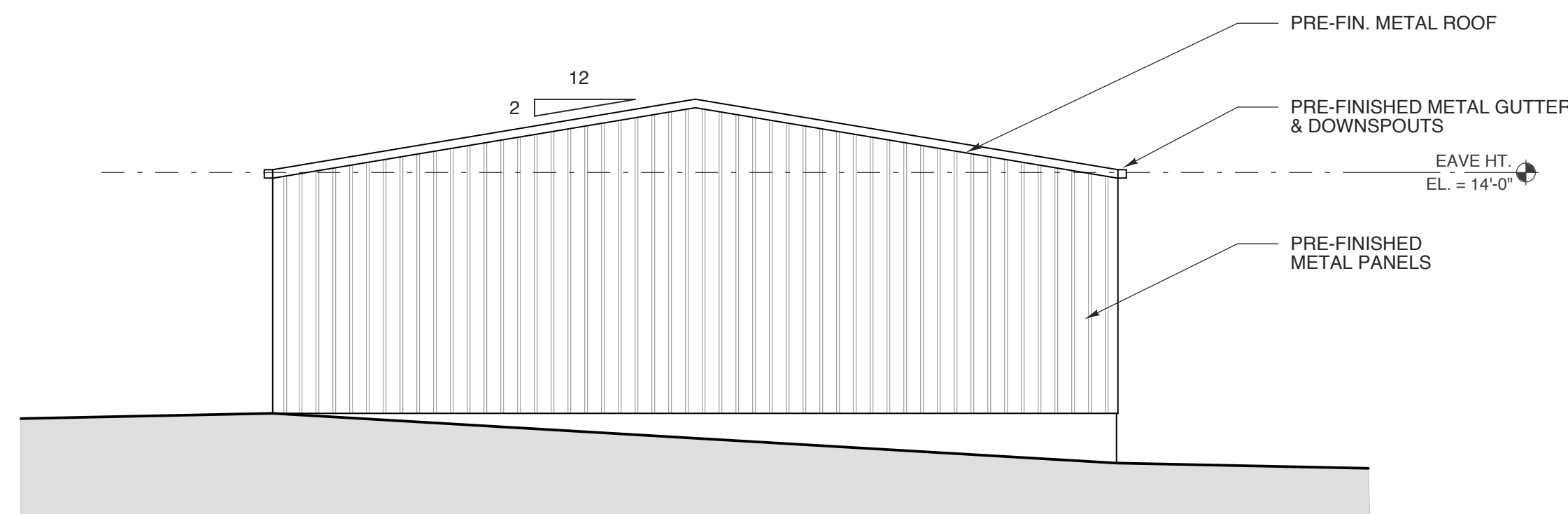
6 HM DOOR @ MTL. PANEL
SCALE: 3/4" = 1'-0"



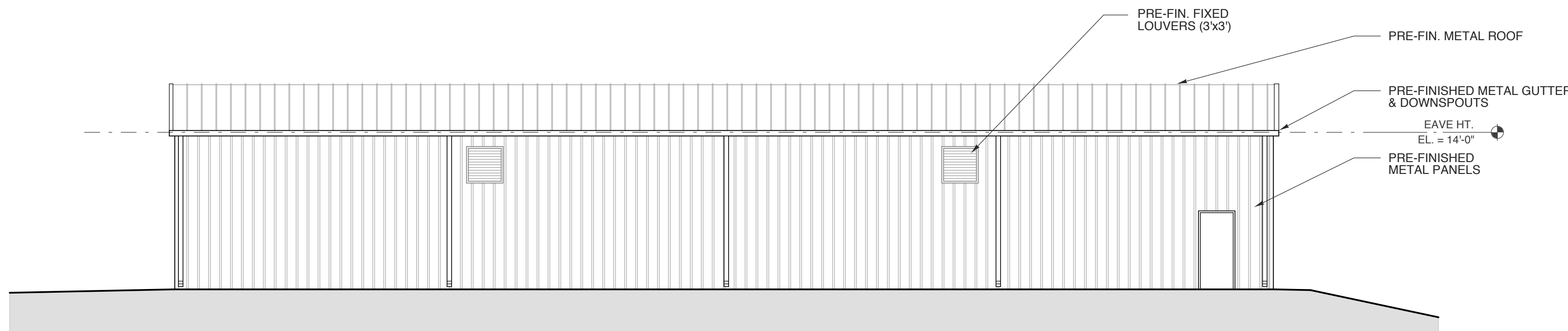
4 SOUTH ELEVATION
SCALE: 1/8" = 1'-0"



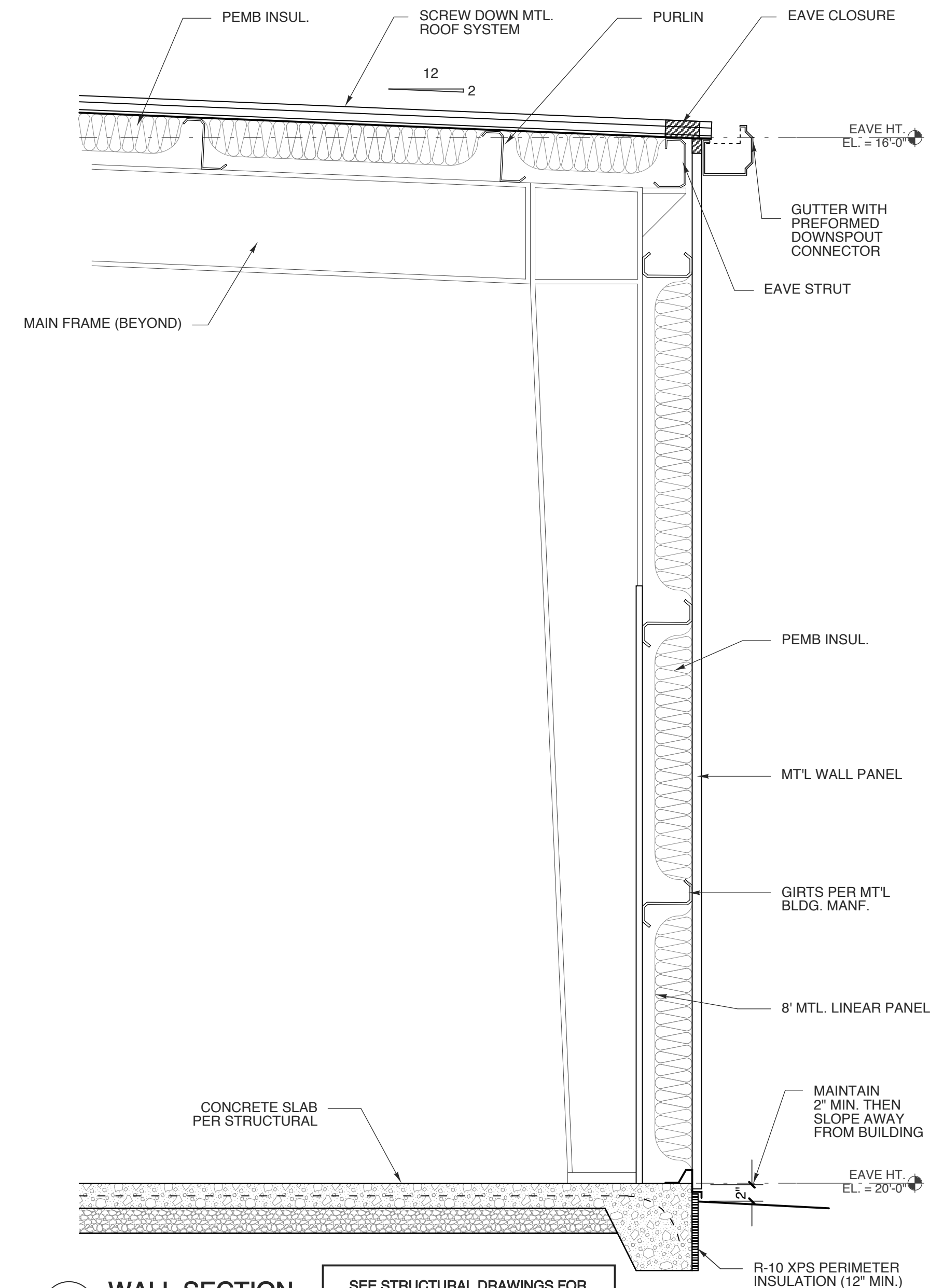
5 WEST ELEVATION
SCALE: 1/8" = 1'-0"



3 NORTH ELEVATION
SCALE: 1/8" = 1'-0"

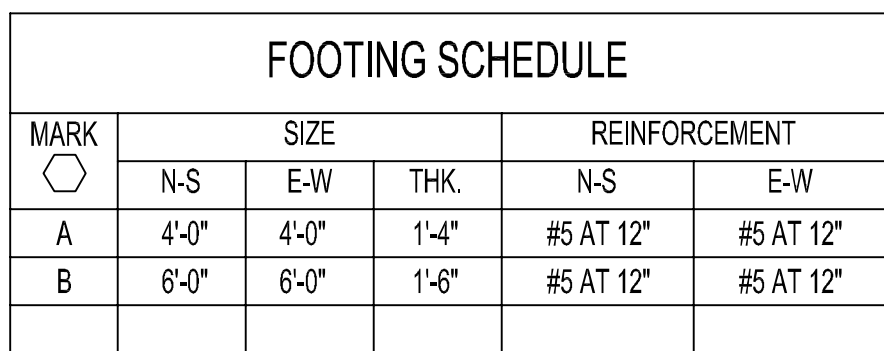


2 EAST ELEVATION
SCALE: 1/8" = 1'-0"



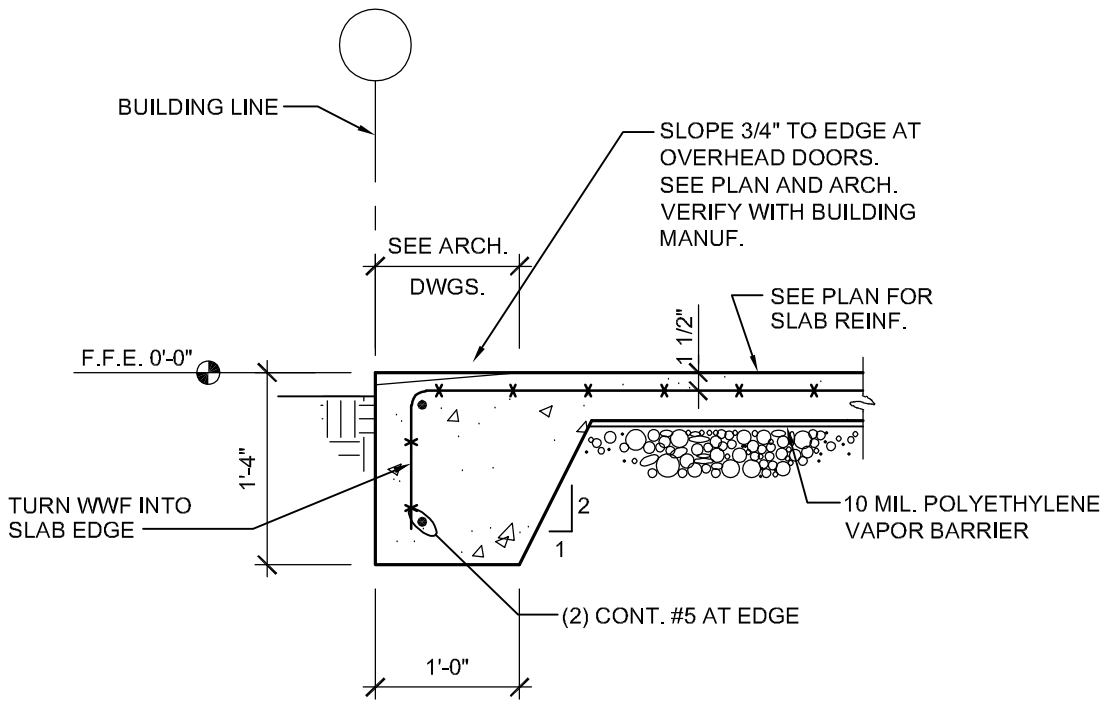
1 WALL SECTION
SCALE: 3/4" = 1'-0"

SEE STRUCTURAL DRAWINGS FOR
FOUNDATION AND FRAMING
INFORMATION

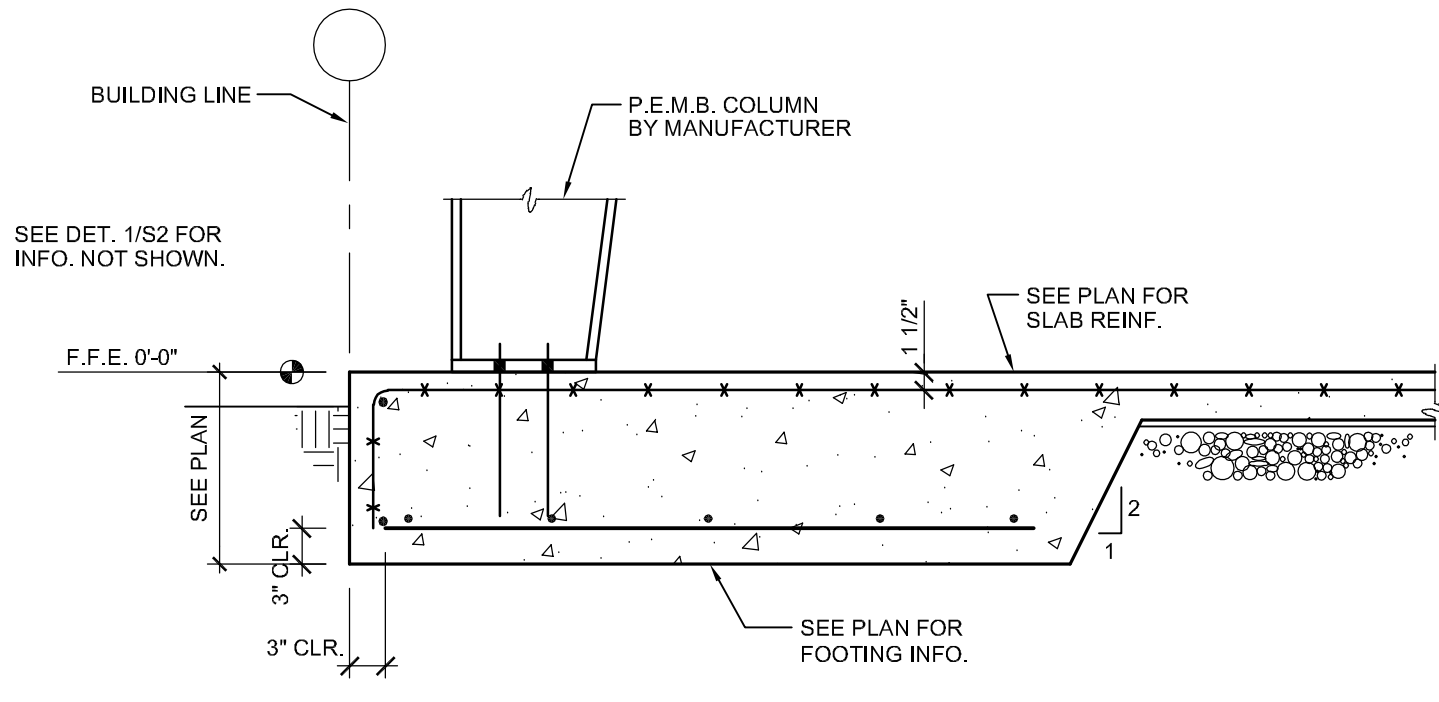


- STRUCTURAL NOTES
- I. GENERAL
1. DESIGN CODES
- NORTH CAROLINA BUILDING CODE, 2018 EDITION
(AMENDED 2015 INTERNATIONAL BUILDING CODE)
- ACI BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE
(ACI 318-14)
- AISC MANUAL OF STEEL CONSTRUCTION - ALLOWABLE STRESS DESIGN
NINTH EDITION
- ASCE 7-10 MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER
STRUCTURES
2. DESIGN LOADS
- LIVE LOADS: FLOOR: 100 PSF
ROOF: 20 PSF
- ULTIMATE DESIGN WIND SPEED: 105 MPH (RISK CATEGORY I)
- GROUND SNOW LOAD: 15 PSF
- SITE CLASS D
S_s = 0.173
S₁ = 0.083
SEISMIC DESIGN CATEGORY B
- SEE PRE-ENGINEERING METAL BUILDING DRAWINGS BY OTHERS FOR FULL
STRUCTURAL DESIGN LOAD SUMMARY USED FOR BUILDING DESIGN.
3. ALL ELEVATIONS ARE REFERENCED FROM FINISHED FLOOR ELEVATION OF 0'-0".
4. BUILDING DESIGN AND MAXIMUM FOUNDATION REACTIONS PROVIDED BY
VP BUILDINGS, JOB NUMBER 25-026052-01, DATED 30 OCTOBER 2025. FOUNDATION
DESIGN IS BASED ON MAXIMUM AND MINIMUM LOADING CONDITIONS PROVIDED BY
THE BUILDING DESIGNER.
5. SEE BUILDING DRAWINGS FOR COLUMN AND BASE PLATE SIZES AND
LOCATIONS.
6. ANCHOR BOLT DESIGN PROVIDED BY BUILDING DESIGNER. ANCHOR BOLT
EMBEDMENT ONLY IS PROVIDED ON DRAWING S2.
7. ENGINEER'S SEAL APPLIES TO STRUCTURAL COMPONENTS ONLY AND DOES
NOT CERTIFY ARCHITECTURAL LAYOUT OR DIMENSIONAL ACCURACY.
8. ROSS LINDEN ENGINEERS PC ASSUMES NO LIABILITY FOR CHANGES OR
MODIFICATIONS MADE TO THESE DRAWINGS BY OTHERS, OR FOR CONSTRUCTION
METHODS, OR FOR ANY DEVIATION FROM THESE DRAWINGS.

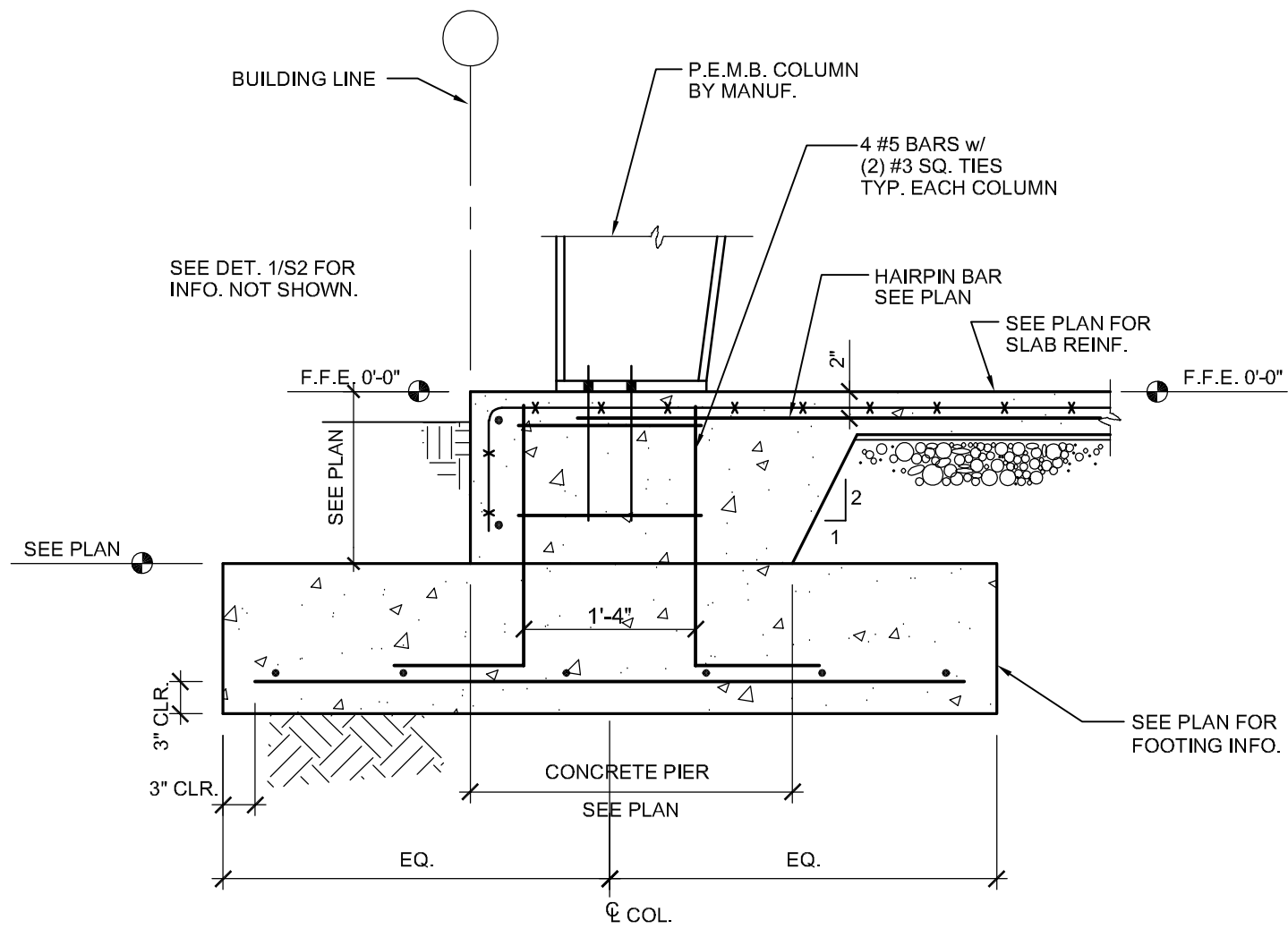
- II. CONCRETE
1. UNLESS OTHERWISE NOTED, ALL CONCRETE SHALL HAVE THE FOLLOWING
STRENGTH AND SLUMP REQUIREMENTS:
4,000 PSI 28-DAY COMPRESSIVE STRENGTH, MAX. 5" SLUMP.
2. ALL CONCRETE SHALL BE MOIST CURED PER ACI 301 OR CURED WITH AN
APPROVED CURING COMPOUND. CONTRACTOR SHALL VERIFY THAT THE CURING
COMPOUND IS COMPATIBLE WITH FLOOR COVERING ADHESIVES, COATINGS, OR
TOPPINGS TO BE USED. CONCRETE SHALL BE CURED FOR A MINIMUM OF 7 DAYS.
3. UNLESS OTHERWISE NOTED, ALL REINFORCING STEEL SHALL BE NEW BILLET
STEEL, CONFORMING TO ASTM A-615, GRADE 60, DEFORMED.
4. UNLESS OTHERWISE NOTED, ALL DETAILING, FABRICATION, AND PLACING OF
REINFORCING STEEL SHALL CONFORM TO THE MANUAL OF STANDARD PRACTICE
FOR DETAILING REINFORCED CONCRETE STRUCTURES. (ACI 315)
5. ALL BAR SPLICES SHALL BE CLASS "B" TENSION SPLICES PER ACI 318-08,
UNLESS OTHERWISE SHOWN.
6. ANCHOR BOLTS TO BE ASTM A36 OR A307.
7. CONTRACTOR SHALL REFER TO DRAWINGS OF OTHER TRADES AND VENDOR
DRAWINGS FOR EMBEDDED ITEMS AND RECESSES NOT SHOWN ON THE
STRUCTURAL DRAWINGS.
8. ALL SPREAD FOOTINGS BEARING ON NATIVE SOIL OR STRUCTURAL FILL ARE
DESIGNED FOR AN ASSUMED ALLOWABLE BEARING PRESSURE OF 2,500 PSF. A
GEOTECHNICAL REPRESENTATIVE SHALL INSPECT ALL FOOTING EXCAVATIONS
TO CONFIRM ALLOWABLE BEARING PRESSURES.
9. CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING, PROTECTING, AND
RELOCATING AS REQUIRED ALL SERVICE AND UTILITY LINES IN VICINITY OF THE
WORK SITE.
10. CONTRACTOR SHALL VERIFY ALL SIZES AND LOCATIONS OF ALL MECHANICAL
AND ELECTRICAL OPENINGS AND EQUIPMENT PADS WITH THE MECHANICAL AND
ELECTRICAL DETAILS AND SHOP DRAWINGS BY OTHERS. IT SHALL BE THE
RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE ALL OPENINGS AND SLEEVES
FOR PROPER DISTRIBUTION FOR ALL UTILITIES THROUGHOUT THE BUILDING.
11. ALL DOWELS WHICH ARE TO BE DRILLED AND GROUTED INTO EXISTING
CONCRETE SHALL BE DONE WITH AN EPOXY GROUT. DRILL HOLE WITH
DIAMETER 1/8" LARGER THAN DOWEL OR AS RECOMMENDED BY GROUT
SUPPLIER. USE HIT-RE 500 V3 BY HILTI OR APPROVED EQUAL.



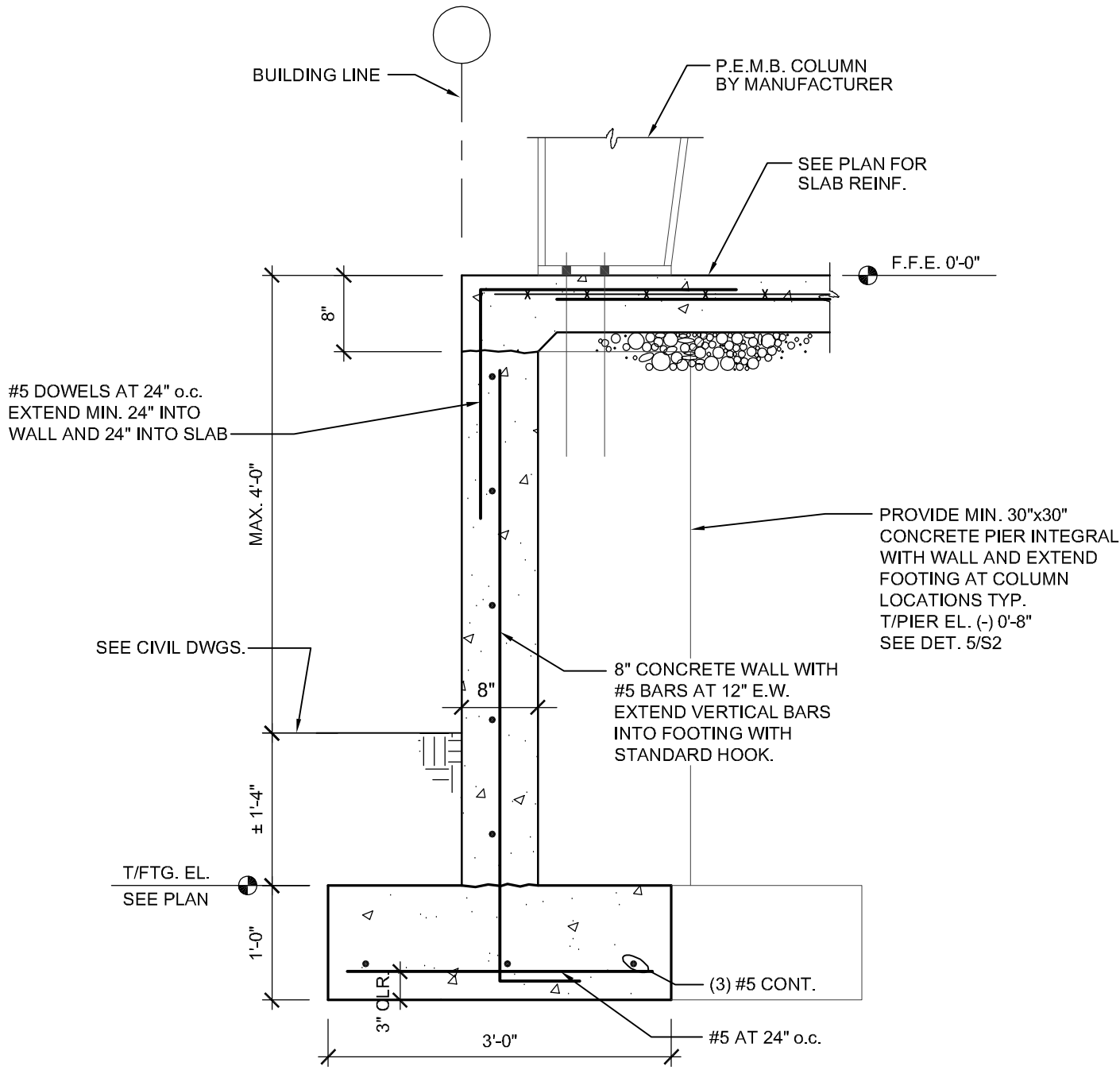
1 DETAIL - TYP. SLAB EDGE
S2 3/4" = 1'-0"



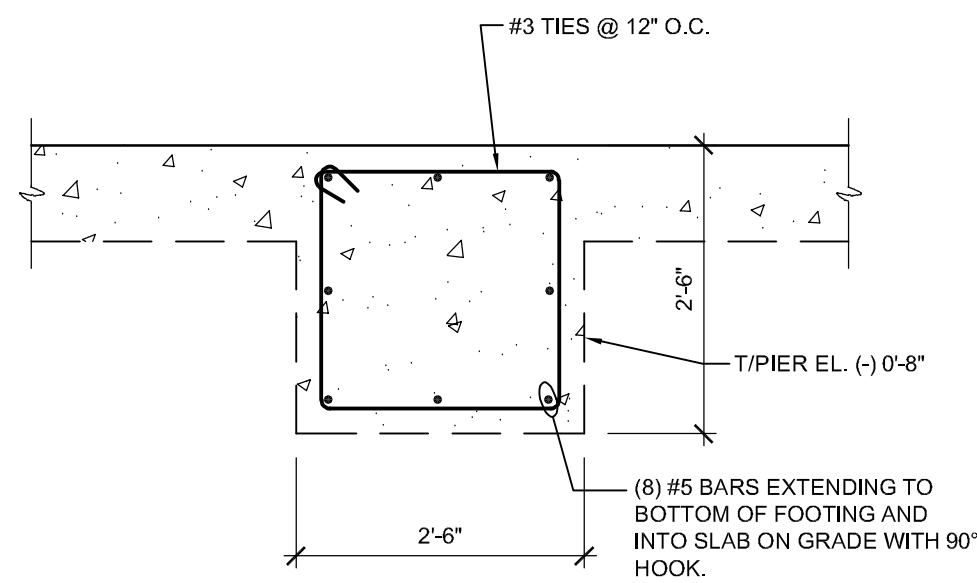
2 SECTION - THICKENED SLAB AT COLUMN
S2 3/4" = 1'-0" GRID LINES 1 AND 5 (SEE PLAN)



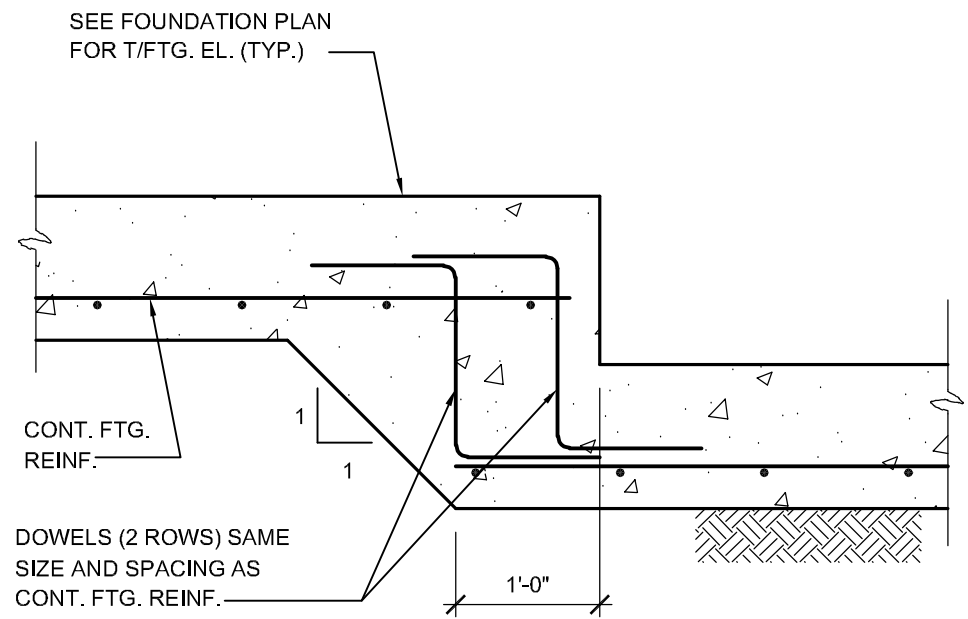
3 SECTION - COLUMN FOOTING
S2 3/4" = 1'-0" GRID LINES 2-4



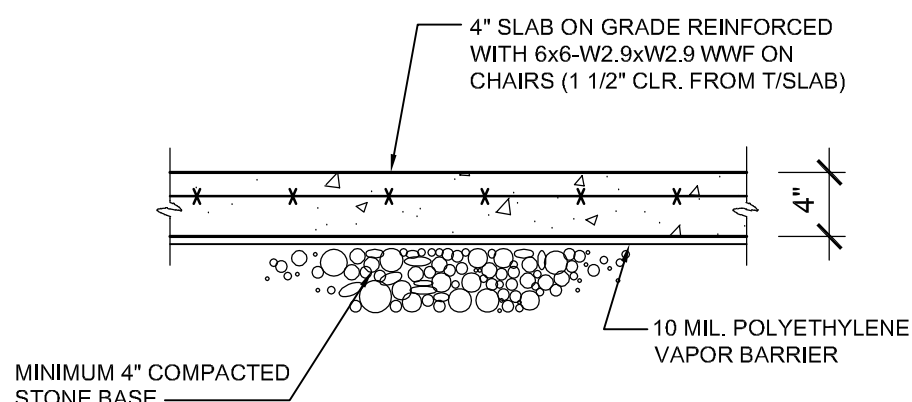
4 SECTION - FOUNDATION WALL
S2 3/4" = 1'-0"



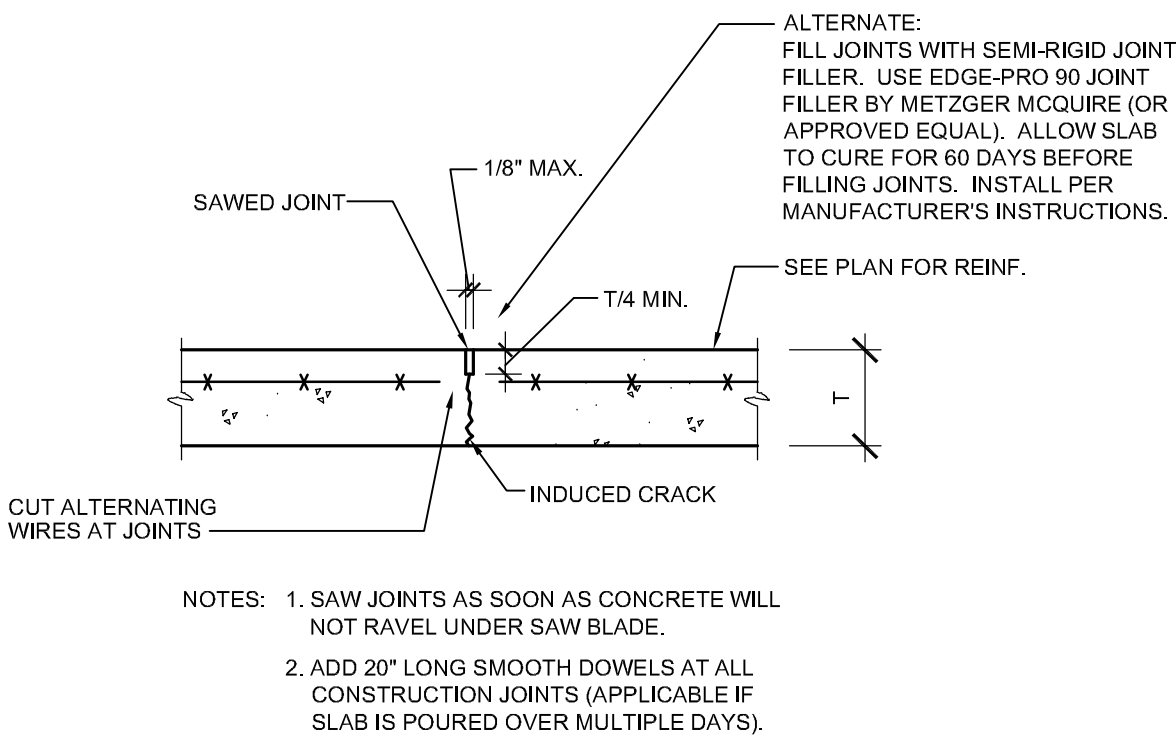
5 SECTION AT PIER
S2 3/4" = 1'-0"



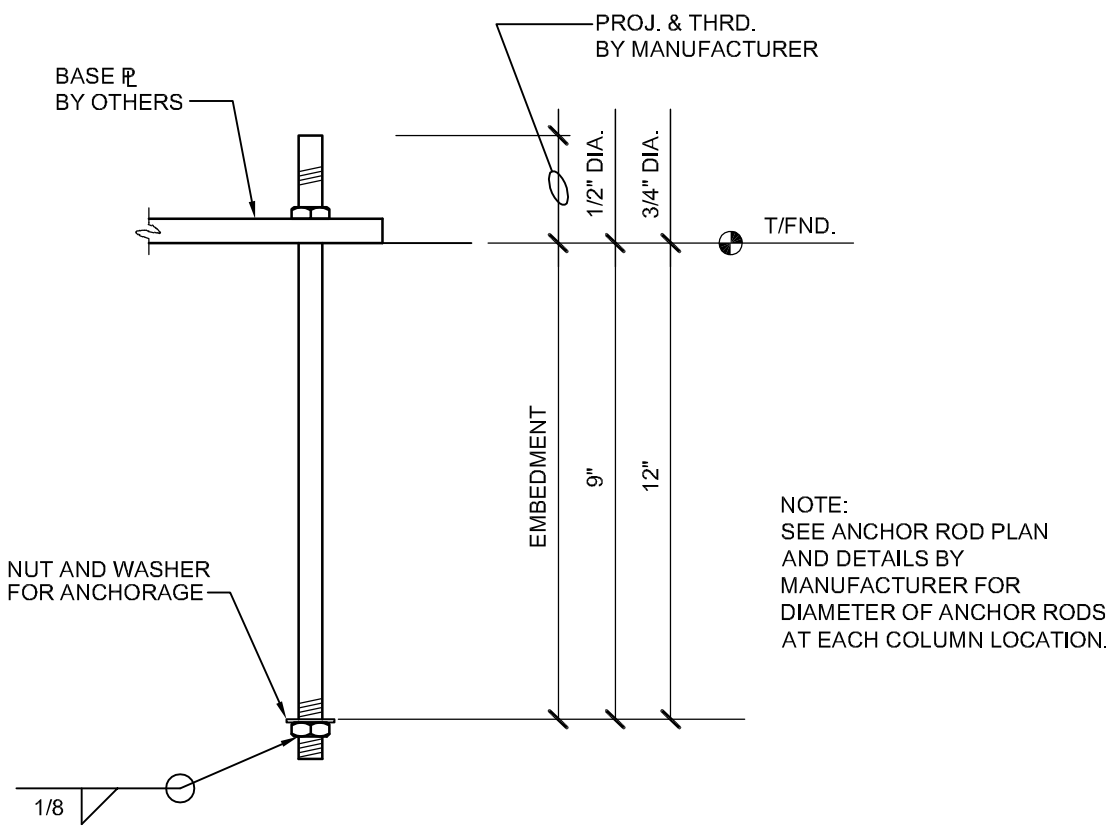
6 DETAIL - TYP. STEPPED FOOTING
S2 3/4" = 1'-0"



7 TYP. SLAB DETAIL
S2 1" = 1'-0"



8 DETAIL - TYP. SLAB CONTROL JOINT
S2 1" = 1'-0"



9 TYP. ANCHOR ROD DETAIL
S2 NO SCALE

PROJECT TITLE
**REVELS
STORAGE BLDG.**
5118 RAWLS CHURCH RD.
FUQUAY-VARINA, NC

PROJECT NO.
C251005

DRAWING TITLE
**STRUCTURAL NOTES
AND DETAILS**

SHEET 0 OF 0

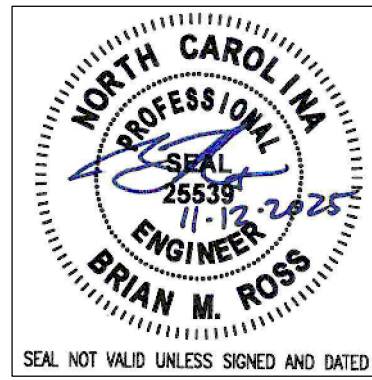
S2

PLOT DATE 11/12/2025
REVISION

WS **WEEKS
SUMMER
ARCHITECTS**

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ENGINEERS PC
709 W. JONES STREET RALEIGH, NC 27603
TEL 919.832.5680 WWW.ROSSLINDEN.COM
NC LICENSE NO. C-2364



DIVISION 16 -- ELECTRICAL

PART 1 -- GENERAL

1.1 DESCRIPTION OF THE WORK

A. Work under this section includes, but is not necessarily limited to, furnishing and installing the following:

1. Electrical service and service equipment.
2. Lighting and power distribution system.
3. Provide lighting fixtures selected by owner with lamps to match.
4. Wiring devices, boxes, cover plates, etc.
5. Source of power for all items of equipment.
6. Grounding.
7. Other requirements and/or systems where shown.

B. All work shall be complete and items, equipment, etc., shall be electrically connected for proper and correct operation.

C. All work under this contract shall be installed in accordance with the latest edition of the following codes and standards insofar as they apply:

1. The 2020 National Electrical Code.
2. The National Electrical Safety Code.
3. Underwriter's Laboratories, Inc., Standards and approved listings.
4. Electrical Testing Laboratories standards.
5. North Carolina Building Code, Latest Edition and Revisions.
6. All local codes and ordinances.

D. The Electrical Contractor shall be licensed in the State of North Carolina and have all local licenses required for the work.

E. Obtain all permits, licenses, inspections, etc., required for the work and pay for the same. Furnish final certificate of inspection and approval from the electrical inspector having jurisdiction prior to acceptance of the work.

F. All work shall be done by skilled mechanics and shall present a neat, trim, workmanlike condition when complete.

1.2 INTENT

A. The intent of these specifications and the accompanying drawings is to convey as reasonably as possible the requirements for a complete job ready for the building to operate. The Electrical Contractor shall take this into consideration and include in his base bid allowance for contingencies as will allow him to provide minor pieces of equipment and labor not specifically indicated but required for the job to operate properly, at no additional cost to the Owner.

1.3 COORDINATION

A. Coordinate work with other contractors. Notify Architect of apparent conflicts early to expedite construction. If structural damage appears imminent, stop work and notify Architect for a decision before resuming operations.

B. Locations shown are approximate. The drawings do not give exact details as to elevations and locations of various pipes, fittings, ducts, conduit, etc., and do not show all offsets and other installation details which may be required. Coordinate all locations with architect before any rough-in.

1.4 SHOP DRAWINGS

A. Shop drawings shall be submitted for panels and service equipment, lighting, wiring devices, and cover plates. These may consist of the manufacturer's standard catalog or tear sheets and shall have the exact items being offered clearly identified.

PART 2 -- PRODUCTS AND MATERIALS

2.1 GENERAL

A. All material shall be new and shall bear the manufacturer's name, trade name, and UL label where such standard has been established for the particular material. Materials shall be the standard products of manufacturer's regularly engaged in the manufacturer of the required type of equipment and the manufacturer's latest approved design.

1. Boxes installed in concealed locations shall be set flush with the finished surfaces.
2. Provide rated boxes in all fire barriers & walls installed per code.

2.2 NOT USED

2.3 CONDUCTORS

A. Conductors shall be color coded, sizes #8 and larger may be color taped on the job. Color coding shall be: Standard Practice.

B. Conductors shall be manufactured by Dodge, Southwire or approved equal. Conductors shall meet the latest requirements of NEMA and IPECA and shall be UL approved.

C. Metallic sheathed "MC" cable may be used where allowed by N.E.C.

D. Conductors shall be spliced and taped as follows:

1. Size #10 and #12, use Ideal "Wing Nuts" or T&B "Pluggy" connectors. Connectors shall be rated for 150 degrees C for use in recessed lighting fixtures.
2. Size #8 and larger shall be solderless screw and screw-clamping type, smoothly covered and shaped with rubber gum type with final cover vinyl plastic electrical type. In lieu of rubber gum and vinyl plastic type, factory fabricated approved preformed insulating covers may be used. All connectors shall be UL approved.
3. No split-bolt type connectors may be used.

E. All branch wire and connections shall be copper and sized per National Electric Code.

F. All conductors shall be continuous without splice between junction, outlet, device boxes, etc. No splicing will be permitted in panelboard cabinets, safety switches, etc.

G. All wiring in mechanical spaces shall be plenum rated.

H. Provide GFI protection within 6'-0" of any sink.

I. All multi-wire branch circuits shall comply with 2020 NEC, 210.4(B).

J. All wiring at medical facilities shall comply with 2020 NEC, 517.1.

2.4 PANELBOARDS, SAFETY SWITCHES

A. Panelboards shall comply with NEMA Standard PB 1 - Latest Edition and as manufactured by Square D or ITE-Siemens.

B. The contractor shall be responsible for correctly phasing the circuits in the panelboards.

C. Safety switches shall be general duty type, size and rating as required for load service. Safety switches shall be fused or unfused as shown and/or as required. Safety switches serving motor loads shall be horsepower rated for load served.

2.5 NOT USED

2.6 WIRING DEVICES

A. Wiring devices shall be commercial grade by Bryant, Leviton, or approved equal. With matching cover. Color by Architect.

B. Wiring devices installed under a Kitchen Hood shall have stainless steel covers.

C. Wiring devices installed over counters shall comply with ANSI A117.1.

2.7 NOT USED

2.8 CONDUIT

A. PVC conduit will be allowed where N.E.C. approved.

B. All service conduit shall be rigid where exposed below 8'-0" AFF or exposed to the elements or hazardous conditions.

PART 3 -- EXECUTION

3.1 CIRCUIT GROUNDING

A. All circuits shall contain an insulated, green, copper grounding conductor, sized in accordance with Table 250-95 of the NEC. Grounding conductors shall be connected to equipment grounding bus in panelboard and securely attached and grounded to the device or enclosure at the other end.

3.2 GROUNDING TYPE CONVENIENCE OUTLETS AND SWITCHES

A. Outlets and switches shall be solidly grounded to equipment grounding system with a green colored insulated conductor. Electrical connections shall be continuous from equipment ground bus in panelboard to the hex nut on the convenience outlet or switch.

3.3 MOTORS

A. All motors shall be connected to conduit system with short length (minimum length 24" and maximum length 36") of flexible liquidtight conduit.

3.4 NOT USED

3.5 EQUIPMENT LABELING

A. Provide permanent name plates for all panelboards, safety switches, wiring troughs, etc., for identification of equipment controlled, services, etc. Nameplates shall be securely and permanently attached to equipment with stainless steel screws. Nameplates shall include the name of the equipment and where it is fed from.

B. All switch plates, receptacle plates and outlet covers shall be labeled with machine printed vinyl labels identifying the circuit(s) within.

C. All empty conduit runs shall be identified and indicated where they terminate.

D. Provide typewritten directory in each panelboard to clearly identify each circuit, service, etc.

3.6 NOT USED

3.7 NOT USED

3.8 JUNCTION AND/OR PULL BOXES

A. Boxes shall be installed where necessary to avoid excessive runs and/or too many bends between outlets.

3.9 PULL WIRE

A. Leave pull wire in each empty conduit run.

3.10 NOT USED

3.11 GROUNDING

A. All grounding shall be in accordance with Article 250 of the NEC. In addition, the following requirements shall be met:

1. Grounding conductors shall be installed as to permit the shortest and most direct path from equipment to ground. All connections to grounding conductors shall be accessible.
2. Equipment ground continuity shall be maintained through flexible metal conduit.
3. All wiring devices equipped with grounding connection shall be solidly grounded to ground system with grounding conductors.
4. The frame of all lighting fixtures shall be securely grounded to the equipment ground system with grounding conductors.
5. All equipment enclosures, and non-current-carrying metallic parts of electrical equipment, raceway systems, etc., shall be effectively and adequately bonded to ground.
6. All equipment enclosures, and non-current-carrying metallic parts of electrical equipment, raceway systems, etc., shall be effectively and adequately bonded to ground.

3.12 ELECTRICAL WORK IN CONNECTION WITH OTHER WORK

A. PLUMBING WORK: The Electrical Contractor shall furnish and install switches and devices as shown and electrically connect electric water heaters, etc. All other electrical work required will be performed by the PLUMBING CONTRACTOR.

B. HEATING AND AIR CONDITIONING WORK: The Electrical Contractor shall provide all disconnect switches, starters, and associated hardware for the equipment furnished including all line and load side wiring and conduit. Final connections to the equipment will be by the HVAC contractor. All control wiring will be accomplished by the HVAC contractor. Coordinate all work associated with the HVAC contractor.

3.13 CLEAN UP

A. During construction, keep the site clean of debris. Upon completion, and before final inspection, clean up the premises to remove all evidence of work. In addition upon completion of construction leave equipment clean.

3.14 GUARANTEE

A. Guarantee all materials and labor included in the electrical work for a period of one year from date of final acceptance by the Owner. Any part or parts of the work or equipment which prove to be defective during the guarantee period shall be replaced at no additional cost to the Owner.

GENERAL NOTES

1 ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE AND ALL LOCAL CODES HAVING JURISDICTION.

2 ALL BRANCH CIRCUIT CONDUCTORS TO BE COPPER (SERVICE CONDUCTORS MAY BE ALUMINUM WITH SAME AMPACITY AS COPPER CONDUCTORS. RE-SIZE CONDUCTORS AND CONDUIT PER NEC.)

3 ALL CIRCUITS TO BE 2 #12, 1 #12 GND IN 1/2" EMT CONDUIT AS A MINIMUM. PROVIDE WIRING FOR LARGER CIRCUITS AS REQUIRED BY NEC. RIGID CONDUIT IS REQUIRED WHERE EXPOSED BELOW 8'-0" A.F.F.

4 ALL EMPTY CONDUIT RUNS IN EXCESS OF 10 FEET SHALL BE PROVIDED WITH A PULL WIRE OR FISH TAPE/CORD.

5 CONTRACTOR SHALL VERIFY THAT ALL DOOR SWINGS ARE CORRECT BEFORE INSTALLING LIGHT SWITCH OUTLETS.

6 ALL BRANCH CIRCUIT CONDUCTORS FROM THE PANEL TO THE FIRST OUTLET SHALL BE INCREASED TO THE NEXT LARGER SIZE WHERE THE LENGTH OF THE HOME RUN EXCEEDS 120 FEET ON 120V AND 208V CIRCUITS.

7 THE CORRECT NUMBER OF WIRES MAY NOT BE INDICATED FOR ALL CIRCUITS, ONLY THOSE WHERE CLARIFICATION IS NECESSARY. THE ELECTRICAL CONTRACTOR SHALL PROVIDE ALL WIRES NECESSARY FOR THE PROPER FUNCTION OF THE SYSTEM WHETHER INDICATED ON DRAWINGS OR NOT.

8 THE CONTRACTOR SHALL BE RESPONSIBLE FOR CORRECTLY PHASING THE CIRCUITS IN THE PANELBOARDS.

9 THE ELECTRICAL CONTRACTOR SHALL VERIFY THE TYPE OF CEILING SYSTEM WITH THE GENERAL CONTRACTOR TO INSURE THAT ALL LIGHTING FIXTURES ARE COMPATIBLE WITH THE CEILING SYSTEM BEING INSTALLED. LIGHTING FIXTURES SHOULD NOT BE ORDERED UNTIL TYPE OF CEILING HAS BEEN VERIFIED.

10 ELECTRICAL REQUIREMENTS INDICATED ON DRAWINGS MAY DIFFER FROM ACTUAL EQUIPMENT FURNISHED. IF FURNISHED EQUIPMENT DIFFERS FROM RATINGS ON DRAWINGS CONTRACTOR SHALL NOTIFY ARCHITECT/ENGINEER FOR APPROPRIATE ACTION TO BE TAKEN.

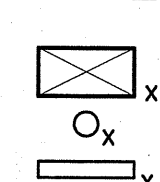
11 IT SHALL BE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR TO COORDINATE EXACT BREAKER REQUIREMENTS FOR ALL EQUIPMENT PRIOR TO ORDERING PANEL. ADJUST BREAKER AND WIRE SIZES AS REQUIRED.

12 PROVIDE BOXES, JACKS, WIRING AND CONDUIT FROM LOCATIONS SHOWN TO MTP LOCATION. VERIFY EXACT REQUIREMENTS WITH OWNER.

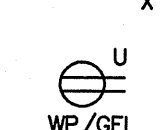
13 ELECTRICAL CONTRACTOR SHALL PROVIDE ALL DISCONNECTS FOR MECHANICAL & PLUMBING EQUIPMENT. DISCONNECTS SHALL BE PER MANUFACTURERS RECOMMENDATIONS AND FUSED PER NAME PLATE. PROVIDE NEMA 3R ENCLOSURES ON EXTERIOR. COORDINATE FUSE SIZES.

14 THE EC SHALL MEET WITH THE ARCHITECT AND TENANT PRIOR TO INSTALLING OUTLET BOXES TO VERIFY LOCATIONS AND MOUNTING HEIGHTS OF RECEPTACLES AND TELEPHONE OUTLETS.

ELECTRICAL LEGEND



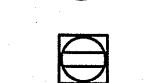
LIGHT FIXTURE: LETTER DENOTES FIXTURE TYPE (REFER TO LIGHTING PLAN AND FIXTURE SCHEDULE).
NL = NIGHT LIGHT (NOT SWITCHED/ALWAYS ON)



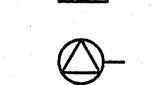
DUPLEX RECEPTACLE - 120V; MOUNT 18" TO CENTER AFF UNLESS NOTED OTHERWISE; "WP" INDICATES WEATHER PROOF, "GFI" INDICATES GROUND FAULT CURRENT INTERRUPTER PROTECTED.
'U' INDICATES RECEPTACLE WITH (2) USB PORTS.



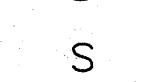
QUADRAPLEX RECEPTACLE - 120V



FLOOR OR CEILING OUTLET (AS NOTED) - 120V



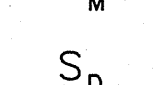
SPECIAL PURPOSE RECEPTACLE - REFER TO POWER PLAN AND PANEL SCHEDULE



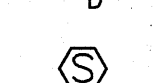
LIGHT SWITCH



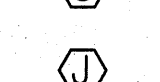
SWITCH WITH INTEGRAL PIR/US MOTION SENSOR FOR AUTOMATIC SHUT-OFF WITH UP TO 2 HOUR ADJUSTABLE DELAY.



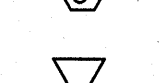
DIMMABLE LIGHT SWITCH



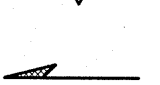
MOTOR RATED SWITCH



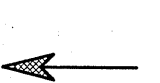
JUNCTION BOX



TELE/DATE OUTLET - PROVIDE JUNCTION BOX WITH CONDUIT BACK TO MTP. PROVIDE (1) TELEPHONE JACK AND (1) CAT 5 DATA JACK



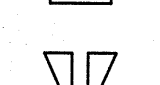
SINGLE-POLE HOMERUN TO PANELBOARD



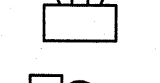
TWO-POLE OR 3-POLE HOMERUN TO PANELBOARD



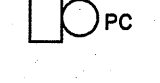
EXIT LIGHT



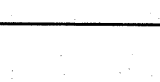
EMERGENCY EGRESS FIXTURE



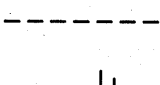
PHOTOCELL (LED COMPLIANT)



BRANCH CIRCUIT WIRING



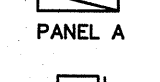
SWITCH LEG



GROUND CONNECTION



DISTRIBUTION PANELBOARD



DISCONNECTING MEANS AS REQUIRED BY CODE

APPENDIX B 2018 BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS

ELECTRICAL DESIGN
(PROVIDE ON THE ELECTRICAL SHEETS IF APPLICABLE)
ELECTRICAL SUMMARY

ELECTRICAL SYSTEM AND EQUIPMENT

Method of Compliance

Energy Code: Prescriptive ☒ Energy Cost Budget ☐

ASHRAE 90.1: Prescriptive ☒ Energy Cost Budget ☐

Lighting Schedule

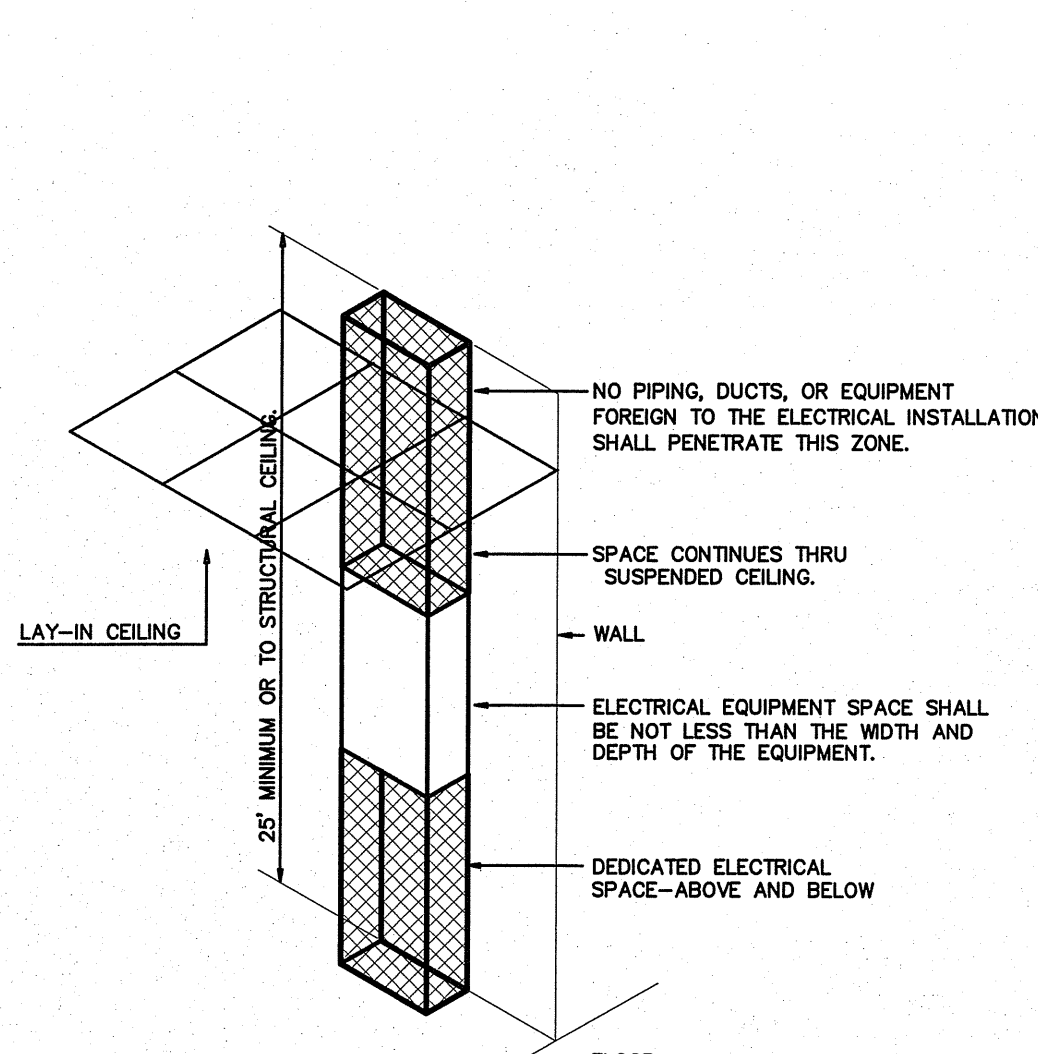
lamp type required in fixture
number of lamps in fixture
ballast type used in fixture
number of ballasts in fixture
total wattage in fixture
total interior wattage specified vs. allowed
total exterior wattage specified vs. allowed

See Light
Fixture Schedule

3000VA / 3333VA
34VA / 500VA

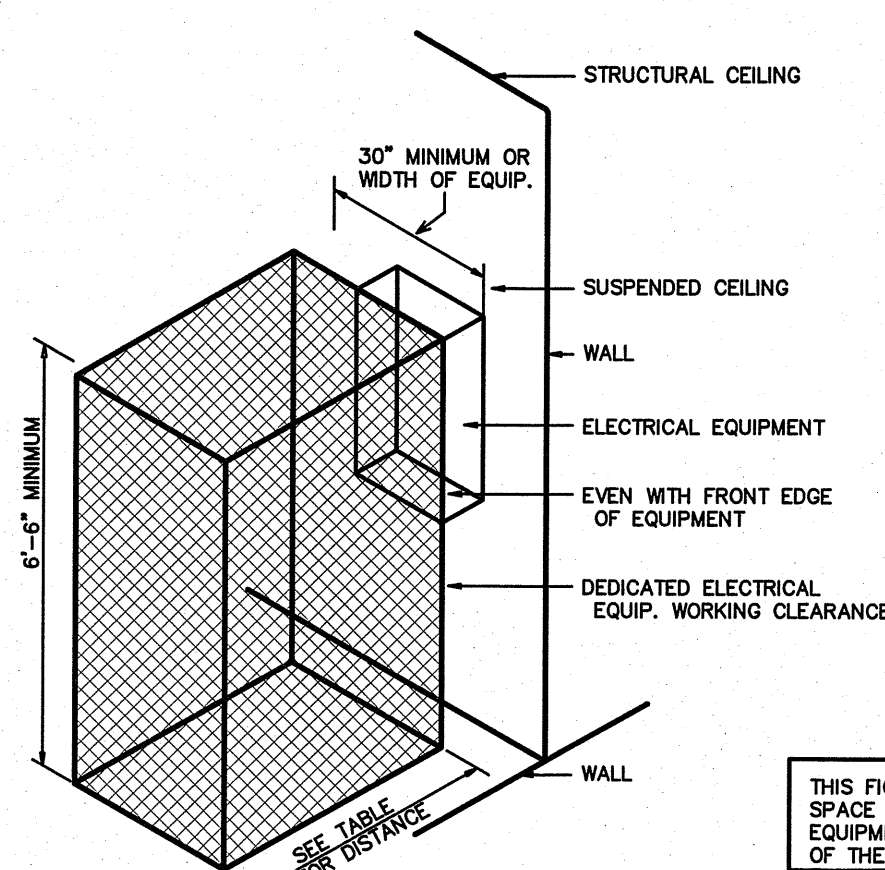
Additional Prescriptive Compliance

- ☒ 506.2.1 More Efficient Mechanical Equipment
- ☒ 506.2.2 Reduced Lighting Power Density
- ☒ 506.2.3 Energy Recovery Ventilation Systems
- ☒ 506.2.4 Higher Efficiency Service Water Heater
- ☒ 506.2.5 On-Site Supply of Renewable Energy
- ☒ 506.2.6 automatic Daylighting Control System



ELECTRICAL EQUIPMENT DEDICATED SPACE
PER ARTICLE 110.26.F.1 OF N.E.C.

1 DEDICATED SPACE
SCALE: NTS



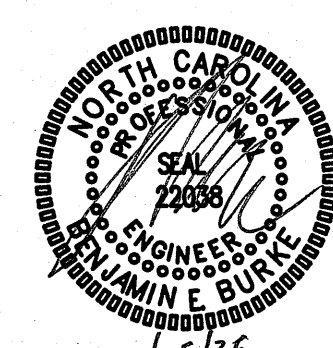
ELECTRICAL EQUIPMENT WORKING CLEARANCE
PER ARTICLE 110-26 OF N.E.C.

WORKING CLEARANCES			
VOLTAGE TO GROUND NOMINAL	MIN. CLEAR DISTANCE IN FEET	CONDITION	
0-150	1	2	3
151-600	3	3-1/2	4

2 ELECTRICAL CLEARANCES
SCALE: NTS

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Corp. License # C-2652



PROJECT TITLE REVELS STORAGE BUILDING

5118 RAWLS CHURCH ROAD
FUQUAY VARINA, NORTH CAROLINA

PROJECT NO.
23-018589-01

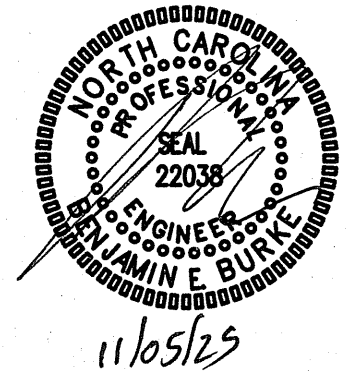
DRAWING TITLE
ELECTRICAL SPECS

E1

PLOT DATE 11/05/2025

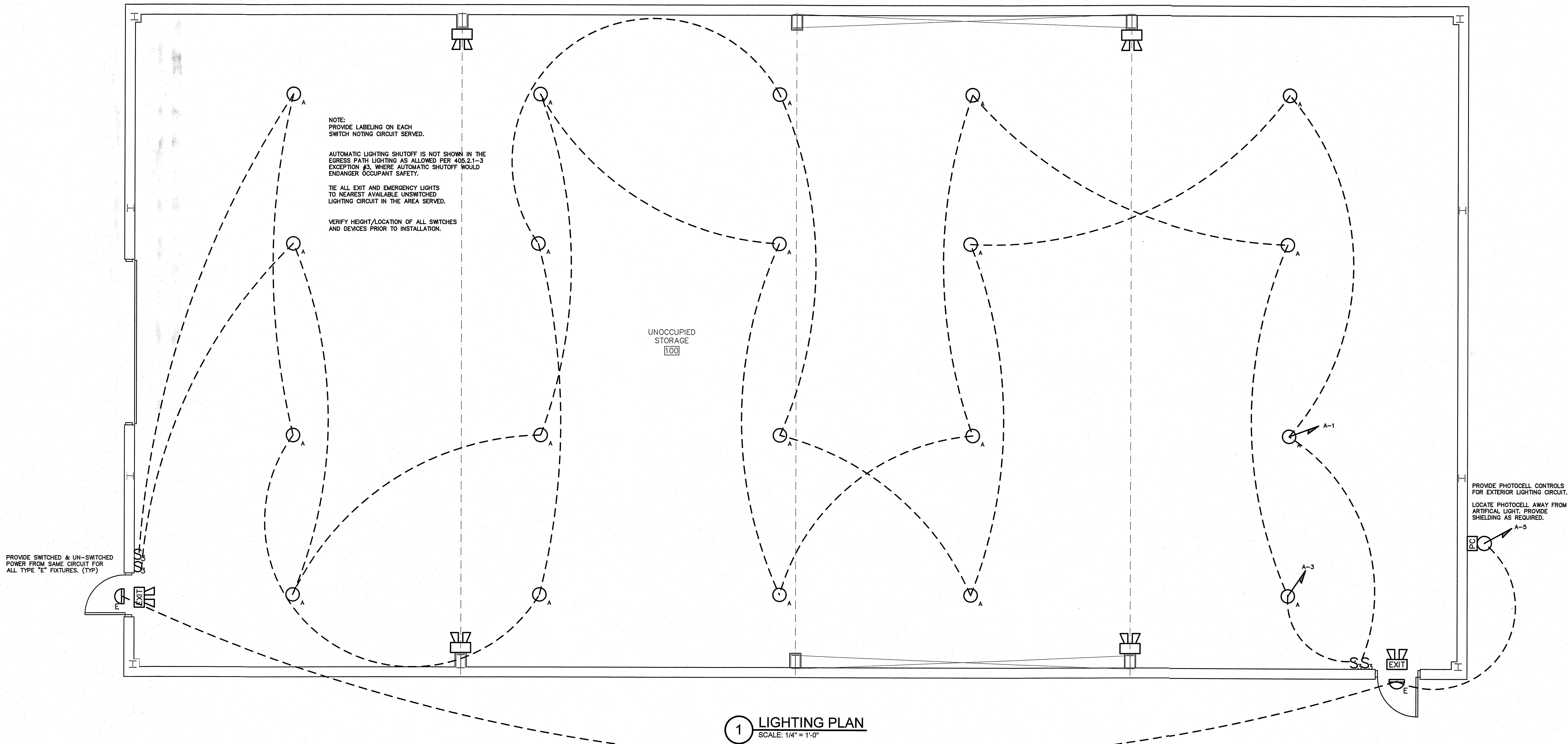
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LIGHTING SCHEDULE *									
MARK	MANUFACTURER	CATALOG NO.	VOLT.	LAMPS NO.	LAMPS TYPE	W	BALLAST TYPE	W/FIXTURE	REMARKS
A	SUNCO	HB_UFO-150W-5K-1PK	120	-	LED	-	-	150	UFO STYLE HIGH BAY LED *
E	COMPASS	CUSO	120	-	LED	-	-	17	EXTERIOR NORMAL/EMERGENCY LIGHT FIXTURE- COLOR BY ARCH *
EXIT	COMPASS	CCR	120	-	LED	-	-	4	COMBINATION EMERGENCY (TUNGSTEN)/ EXIT (LED) LIGHT *
EXIT	COMPASS	CU2HL	120	-	LED	-	-	10	EMERGENCY LIGHT, BATTERY BACKUP, BATTERY DIAGNOSTICS, COLOR BY ARCH *

* OR APPROVED EQUAL. PROVIDE CUT SHEETS FOR OWNER APPROVAL PRIOR TO ORDERING FIXTURES.
CATALOG NUMBERS ARE FOR REFERENCE ONLY, ACTUAL NUMBERS MAY VARY.
THE EMERGENCY LIGHTS AND EXIT SIGNS MUST HAVE INTEGRAL BATTERIES, CHARGERS AND TEST SWITCHES.



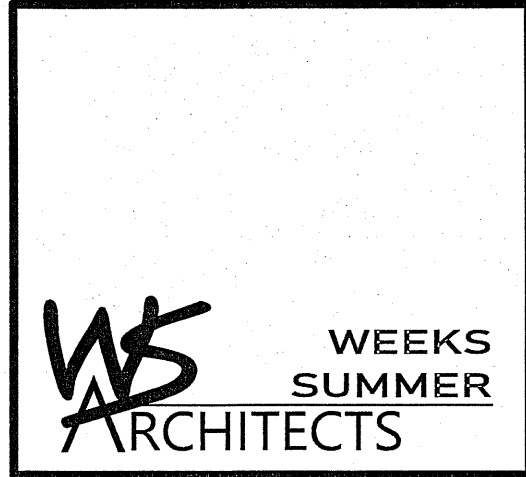
PROJECT TITLE
REVELS STORAGE BUILDING

5118 RAWLS CHURCH ROAD
FUQUAY VARINA, NORTH CAROLINA

PROJECT NO.
23-018589-01
DRAWING TITLE
LIGHTING PLAN

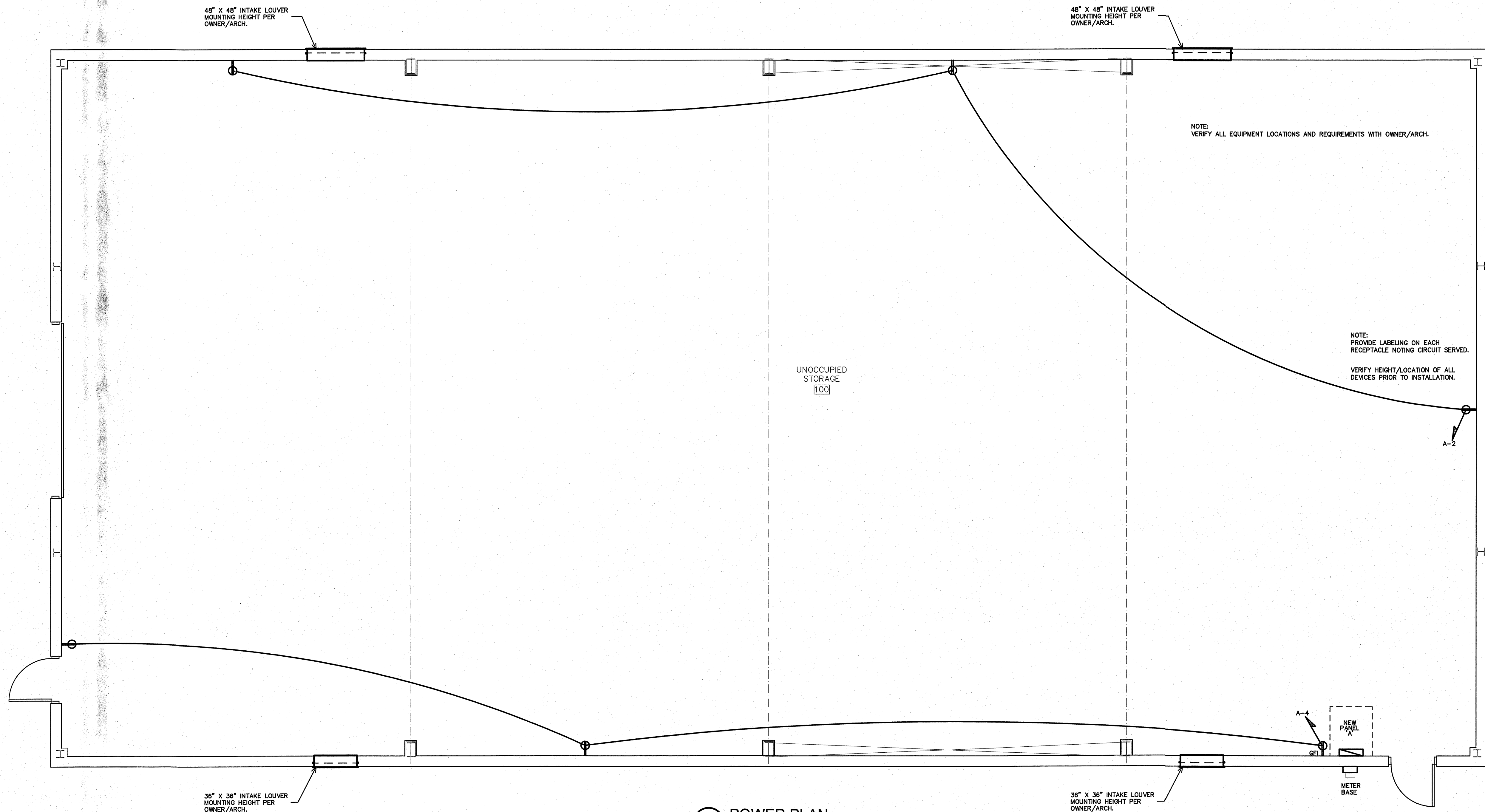
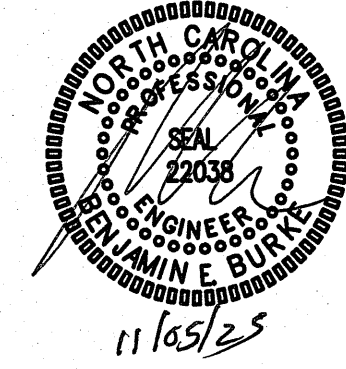
E2

PLOT DATE 11/05/2025



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Corp. License # C-2652



1 POWER PLAN
SCALE: 1/4" = 1'-0"

PROJECT TITLE
REVELS STORAGE BUILDING
5118 RAWLS CHURCH ROAD
FUQUAY VARINA, NORTH CAROLINA

PROJECT NO.
23-018589-01
DRAWING TITLE
POWER PLAN

E3

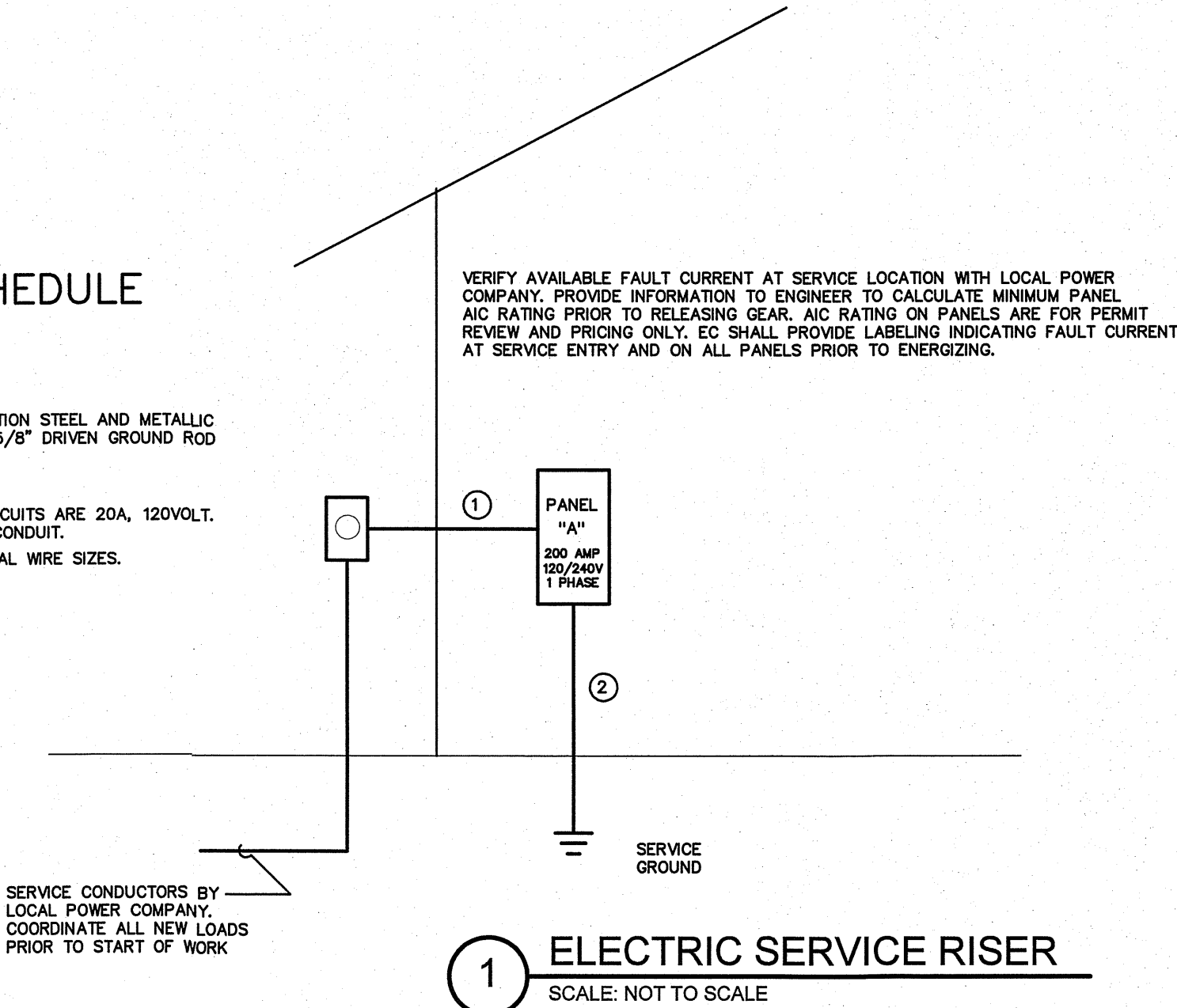
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NEW PANEL- 'A'	MAKE: EATON		RATING: 120/240 1 PHASE 3 WIRE			200A MAIN CIRCUIT BREAKER			
	TYPE: CH LOAD CENTER		MOUNTING: SURFACE			EQUIPMENT GROUND BUS ☒ YES ☐ NO SERVICE ENTRY RATED ☒ YES ☐ NO			
LOAD SERVICE	CKT BRKR	WATTS PER PHASE A B	CKT NO	NEUTRAL A B	CKT NO	WATTS PER PHASE A B	CKT BRKR	LOAD SERVICE	
LTS- HIGH BAYS	20A	1500	1		2	540	20A	REC- GENERAL	
LTS- HIGH BAYS	20A		3		4		540	20A REC- GENERAL	
LTS- EXTERIOR	20A	34	5		6			20A SPARE	
SPARE	20A		7		8			20A SPARE	
SPARE	20A		9		10			20A SPARE	
SPARE	20A		11		12			20A SPARE	
SPARE	20A		13		14			20A SPARE	
SPARE	20A		15		16			20A SPARE	
SPARE	20A		17		18			20A SPARE	
SPACE			19		20			SPACE	
SPACE			21		22			SPACE	
SPACE			23		24			SPACE	
SPACE			25		26			SPACE	
SPACE			27		28			SPACE	
SPACE			29		30			SPACE	
NOTES	SUB-TOTALS 'b'		1534	1500	200A BUS	540	540	SUB-TOTALS 'A'	
					200A LUGS	1534	1500	SUB-TOTALS 'b'	
					200A FEED	2074	2040	GRAND TOTAL	
					VERIFY	SIZE	17A	17A	AMPS/PHASE
NEC ALLOWABLE DEMAND FACTORS				DIVERSIFIED LOAD SUMMARY					
① DEMAND FACTORS PER NEC 220 ② LARGEST OF: NEC TABLE 220.12 OR CONNECTED LOAD ③ NEC TABLE 220.56 ④ NEC 220.51 ⑤ NEC 220.43A, 200 VA/LINEAR FT ⑥ NON-COINCIDENT LOADS, LARGEST OF THE TWO LOADS IS COUNTED				LOAD TYPE		DEMAND FACTOR	A	B	TOTAL DIVERSIFIED LOAD
				GENERAL LIGHTING		125%	1918	1875	3793
				TRACK LIGHTING		125%			
				GENERAL USE RECEPTACLES		≤10KVA/100K	540	540	1080
				MOTORS AND EQUIPMENT		LARGEST 100% ALL OTHERS 100%			
				WATER HEATERS		125%			
				KITCHEN EQUIPMENT		100%			
				FIX. ELEC. SPACE HEAT.		100%			
				SHOW WINDOW LIGHTS		125%			
				SIGN		125%			
				MISC		100%			
				PHASE (TOTAL VA)			2458	2415	4873
				TOTAL AMPS			20A	20A	VOLT AMPS = 20A

RISER WIRING SCHEDULE

- ① 200A: 3-#3/0 IN 2" CONDUIT
- ② #6 CU GND TO BUILDING STEEL, FOUNDATION STEEL AND METALLIC WATER MAIN AND #6 CU GND TO 10' X 5/8" DRIVEN GROUND ROD
- NOTE:
UNLESS OTHERWISE NOTED ALL OTHER CIRCUITS ARE 20A, 120VOLT.
PROVIDE 2-#12, 1-#12 CU GND IN 1/2" CONDUIT.
SEE EQUIPMENT SCHEDULES FOR ADDITIONAL WIRE SIZES.



PROJECT TITLE
REVELS STORAGE BUILDING

5118 RAWLS CHURCH ROAD
FUQUAY VARINA, NORTH CAROLINA

PROJECT NO.
23-018589-01
DRAWING TITLE
PANEL AND RISER

E4

PLOT DATE 11/05/2025

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WS ARCHITECTS

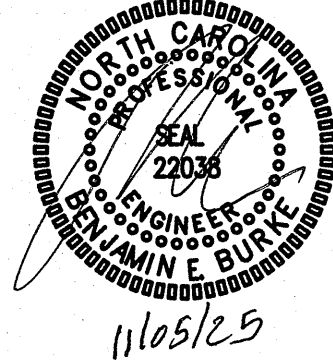
WEEKS SUMMER

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ENGINEER

BDG

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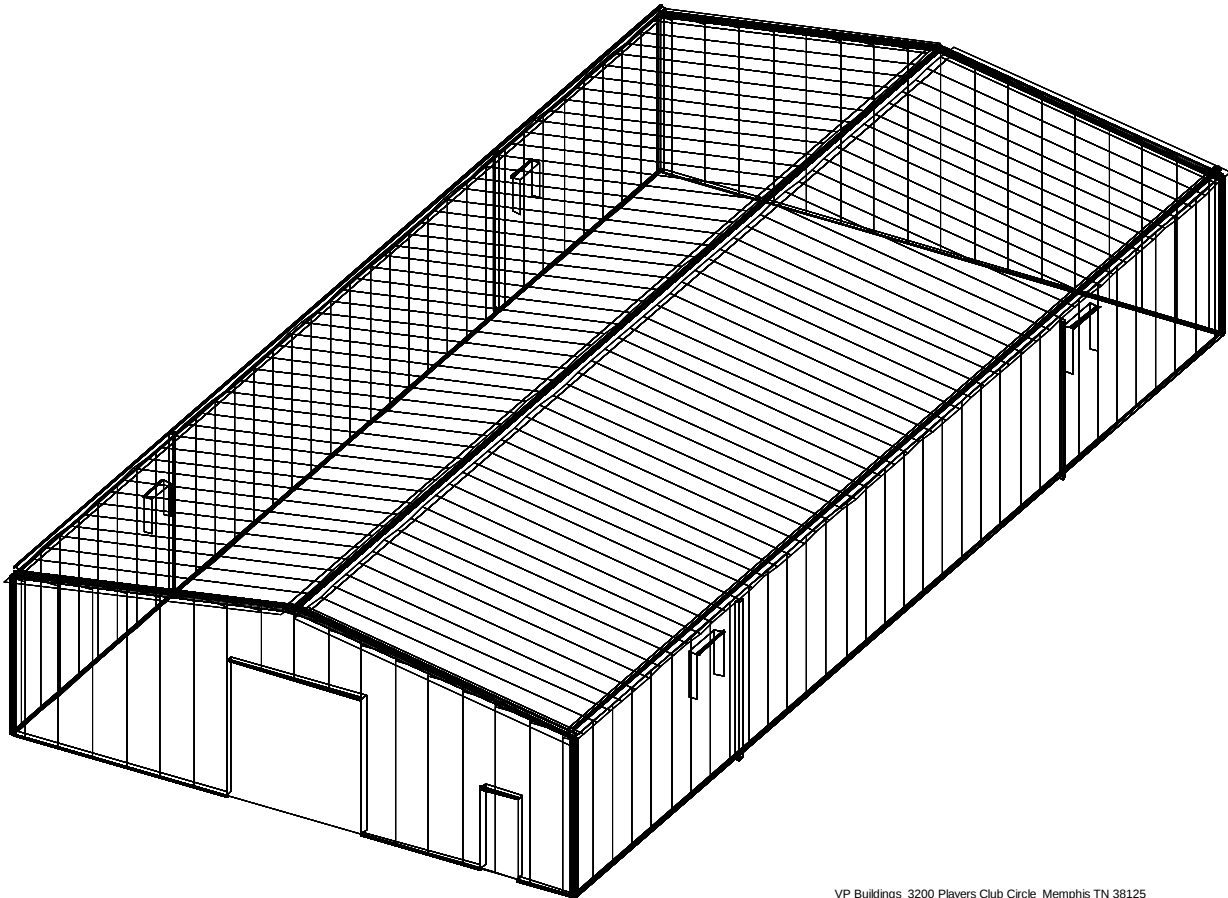


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Drawing Index	
Drawing Title	Pages
Cover Sheet	1
Codes and Loads	2
Notes	3
Anchor Rod Plan	4
Primary Structural	5-11
Secondary Structural	12-20
Covering	21-32
Special Drawings	
Standard Erection Details	
Planograph Details	33-36

Drawing Release History		
Type	Date	Description
Anchor Rod Drawings Rev 0	10/29/2025	FOR CONSTRUCTION
Erection Drawings Rev 0	11/07/2025	FOR CONSTRUCTION

- BASIC ERECTION GUIDE 4001
- SSR ROOF PANEL ERECTION GUIDE 4005
- BASIC PANELS AND ACCESSORIES ERECTION GUIDE 4003



VP Buildings 3200 Players Club Circle Memphis TN 38125

General Notes

Materials

3 Plate Welded Sections
Cold Formed Light Gage Shapes
Brace Rods
Hot Rolled Mill Shapes
Hot Rolled Angles
Hollow Structural Section (HSS)
Cladding

ASTM Designation

A529, A572, A1011, A1018
A653, A1011
A572, A510
A36, A529, A572, A588, A992
A529, A572, A588, A992
A500
A653, A792

Grade 55
Grade 60
Grade 50
Grade 36 or 50
Grade 50
Grade B
Grade 50 or Grade 80

High Strength Bolt Tightening Requirements

It is the responsibility of the erector to ensure proper bolt tightness in accordance with applicable regulations. See RCSC specification for structural joints using high strength bolts for more information. See erection guide for bolt tightening instructions. The following criteria may be used to determine the bolt tightness (i.e.-snug tight or pre-tension) unless required otherwise by local jurisdiction or contract.

All A490 bolts shall be "pre-tensioned". A325 bolts in primary framing and bracing connections may be "snug-tight" except as follows;

Pre-tension A325 bolts if building supports a crane greater than 5 ton capacity.

Pre-tension A325 bolts if building supports machinery that creates vibration, impact, or stress reversals on connections.

Pre-tension A325 bolts if located in high seismic areas. For IBC based codes; high seismic is design category D, E or F. See codes and loads section below for details.

Pre-tension any connection with designation A325-SC. Slip critical (SC) connections must be free of paint, oil or other materials that reduce friction at contact surfaces. Galvanized or lightly rusted surfaces are acceptable.

In Canada, all A325 and A490 bolts shall be "pre-tensioned", except for secondary members and flange braces.

Secondary members and flange brace connections are always "snug tight", unless indicated otherwise in erection drawing details.

Inspection and Testing

Special inspections and testing required by Authority Having Jurisdiction (AHJ) during construction and/or steel fabrication is the responsibility of the owner or owners authorized agent. When required, the owner shall employ a Quality Assurance Agency (QAA) approved by the AHJ. The builder is responsible to coordinate between the QAA firm and BBNA Fabrication Facilities. The type and extent of special inspections and NDT weld testing must be specifically stipulated in contract documents or BBNA will assume special inspections and/or NDT testing are waived as permitted by the building code based on BBNA facilities IAS AC472 accreditation.

NOTES:

THIS BUILDING WAS DESIGNED WITH AN ENCLOSED WIND ENCLOSURE CONDITION. OPEN WALLS, APERTURES OR HOLES HAVE TO BE CLOSED DURING HIGH WIND EVENTS.

COLLATERAL LOADS SHOULD BE UNIFORMLY DISTRIBUTED ON PRIMARY AND SECONDARY MEMBERS. THE RECOMMENDED METHOD OF LOAD ATTACHMENT TO A PURLIN'S WEB OR FLANGE CAN BE FOUND ON B-081465 PLANOGRAPH.

THIS BUILDING IS NOT DESIGNED FOR ANY CONCENTRATED ROOF LOADS BIGGER THAN 250 LB OR SPRINKLER PIPES WITH DIAMETER BIGGER THAN 4" (UNLESS THEY ARE CALLED OUT IN THE ROOF SECONDARY PLAN). VP ENGINEERING APPROVAL WILL BE REQUIRED IF THESE PARAMETERS ARE EXCEEDED.



11/6/2025 RV REVIEWED PAGES 1-20

11/10/2025

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The general contractor and/or erector is solely responsible for accurate good quality workmanship in erecting this building in accordance with this drawing, details referenced in this drawing, all applicable VP Buildings erection guides, and industry standards pertaining to proper erection, including the correct use of temporary bracing.

B COVER SHEET

Builder	GREGORY DEVELOPMENT, LLC
Customer	Matt Johnson
Location	Fuquay Varina, North Carolina
Project	Revels Tractor Storage Shed
Builders PO#	



VPC Version: 25.2.0

Job #	25-026052-01
Date	11/07/2025
Drawn / Check	FRP AOC
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Codes and Loads
WHEN MULTIPLE BUILDINGS ARE INVOLVED, SPECIFIC LOAD FACTORS FOR DIFFERING OCCUPANCIES, BUILDING DIMENSIONS, HEIGHTS, FRAMING SYSTEMS, ROOF SLOPES, ETC., MAY RESULT IN DIFFERENT LOAD APPLICATION FACTORS THAN INDICATED BELOW. SEE CALCULATIONS FOR FURTHER DETAILS. WIND LOADS ARE APPLIED TO OVERALL BUILDING ENVELOPE. COMMON WALLS BETWEEN CONNECTED SHAPES ARE NOT SUBJECT TO EXTERNAL WIND LOADS.
City: Fuquay Varina County: Wake State: North Carolina Country: United States

Building Code
Building Code: 2024 North Carolina State Building Code Structural: 16AISC - ASD Rainfall: I: 8.00 inches per hour
Based on Building Code: 2021 International Building Code Cold Form: 16AISI - ASD f'c: 3000.00 psi Concrete
Building Risk/Occupancy Category: I (Low Hazard: Agricultural)

Dead and Collateral Loads Material Dead Weight Roof Live Load
Collateral Gravity: 5.00 psf Roof Covering + Second. Dead Load: 2.27 psf Roof Live Load: 20.00 psf Reducible
Collateral Uplift: 0.00 psf Frame Weight (assumed for seismic)2.50 psf

Wind Load Snow Load Seismic Load
Wind Speed: Vult: 108.00 (Vasd: 83.66) mph Ground Snow Load: pg: 15.00 psf Lateral Force Resisting Systems using Equivalent Force Procedure
The 'Envelope Procedure' is Used Flat Roof Snow: pf: 9.24 psf Mapped MCE Acceleration: Ss: 12.80 %g
Primaries Wind Exposure: C - Kz: 0.849 Design Snow (Sloped): ps: 9.24 psf Mapped MCE Acceleration: S1: 6.40 %g
Parts Wind Exposure Factor: 0.849 Rain Surcharge: 0.00 psf Site Class: Stiff soil (D) - Default
Wind Enclosure: Enclosed Specified Minimum Roof Snow: 12.00 psf (Code) Seismic Importance: Ie: 1.0000
Topographic Factor: Kzt: 1.0000 Exposure Factor: 2 Partially Exposed - Ce: 1.00 Design Acceleration Parameter: Sds: 0.1365
Ground Elevation Factor: Ke: 0.9864 Snow Importance: Is: 0.800 Design Acceleration Parameter: Sd1: 0.1024
NOT Windborne Debris Region Thermal Factor: Kept just above freezing - Ct: 1.0 Seismic Design Category: B
Base Elevation: 0/0/0 Ground / Roof Conversion: 0.70 Seismic Snow Load: 0.00 psf
Site Elevation: 377.6 ft Unobstructed, Slippery % Snow Used in Seismic: 0.00
Primary Zone Strip Width: 2a: 10/0/0 Diaphragm Condition: Flexible
Parts / Portions Zone Strip Width: a: 5/0/0 Fundamental Period Height Used: 16/1/0
Velocity Pressure: qz: 21.25, (C&C) 21.25 psf

SMS NOTE:

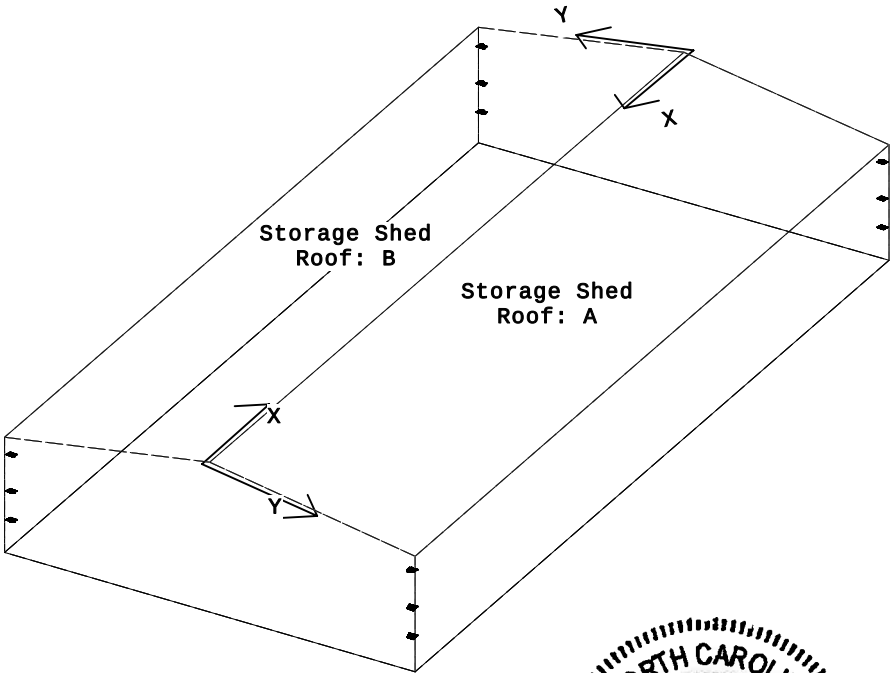
- SPECIFIED MINIMUM ROOF SNOW (SMS) WILL BE APPLIED AS A SEPARATED ROOF LOAD CHECK, COMBINED WITH DEAD LOADS ONLY.

- SMS IS CONSIDERED THE NET SLOPED ROOF LOAD, i.e., NONE OF THE OTHER SNOW LOAD RELATED FACTORS SUCH AS IMPORTANCE, THERMAL, UNOBSTRUCTED SLIPPERY, EXPOSURE, ETC., WILL APPLY.

- SMS IS NOT CONSIDERED IN CONJUNCTION WITH THE BRACING SECOND ORDER EFFECTS.

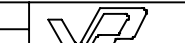
Snow Buildup Shape	Surface	Description	X Location	Y Location	Magnitude
Storage Shed	Roof: A	Unbalanced Snow Load 1, Shifted Left : Roof: A	0.0 ft	7.7 ft	7.6 psf
			0.0 ft	0.0 ft	7.6 psf
			100.0 ft	0.0 ft	7.6 psf
			100.0 ft	7.7 ft	7.6 psf
Storage Shed	Roof: B	Unbalanced Snow Load 1, Shifted Right : Roof: B	0.0 ft	7.7 ft	7.6 psf
			0.0 ft	0.0 ft	7.6 psf
			100.0 ft	0.0 ft	7.6 psf
			100.0 ft	7.7 ft	7.6 psf

1. The Snow Buildup loading shown is in addition to the flat or sloped roof snow.
2. The X and Y Location dimensions are from the point of origin of each surface.



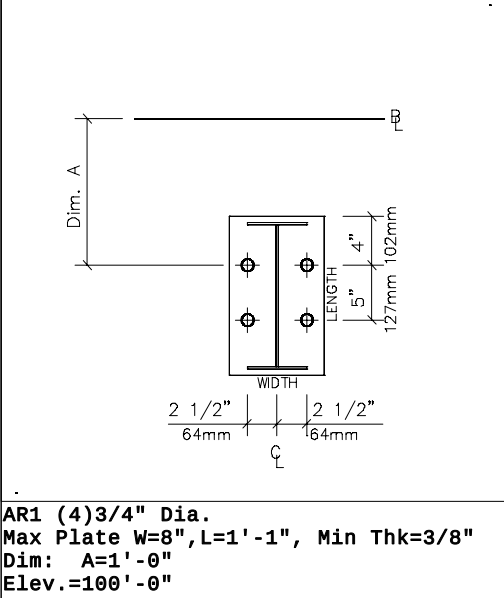
11/10/2025

FOR CONSTRUCTION

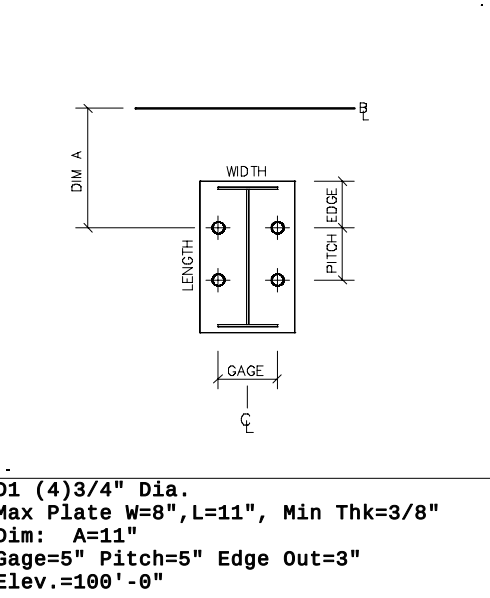
	The VP Engineer's seal applies only to the work product of VP and design and performance requirements specified by VP. The VP Engineer's seal does not apply to the performance or design of any other product or component furnished by VP except to any design or performance requirements specified by VP.	This drawing, including the information hereon, remains the property of VP Buildings. It is provided solely for erecting the building described in the applicable purchase order and may be reproduced only for that purpose. It shall not be modified, reproduced or used for any other purpose without prior written approval of VP Buildings. The general contractor and/or erector is solely responsible for accurate good quality workmanship in erecting this building in accordance with this drawing, details referenced in this drawing, all applicable VP Buildings erection guides, and industry standards pertaining to proper erection, including the correct use of temporary bracing.	B	VP Buildings 3200 Players Club Circle Memphis TN 38125				CODES AND LOADS				 VP BUILDINGS VARCO PRUDEN VPC Version: 25.2.0	Job # 25-026052-01 Date 10/14/2025 Drawn/Check RV LC Page 2
				Rev	Date	By	Description	Builder	GREGORY DEVELOPMENT, LLC				
								Customer	Matt Johnson				
								Location	Fuquay Varina, North Carolina				
								Project	Revels Tractor Storage Shed				
								Builder's PO#					
				NTS									

BUILDER/CONTRACTOR RESPONSIBILITIES			SIGNAGE			SKYLIGHTS		
VP Buildings follows the guidelines as outlined in the AISC and MBMA Codes of Standard Practice. VP Buildings standard product specifications, design, fabrication, quality criteria shall govern all work unless stipulated otherwise in the contract documents. In case of discrepancies between VP Buildings structural plans and plans for other trades, VP Buildings structural plans shall govern.			The Builder is responsible for furnishing signs as required by Code and the Building Department, including but not limited to, exits, occupancy limits, floor loading limits, and bulk storage limits. Floor loading signs shall clearly indicate maximum floor live load permitted. Bulk storage facilities shall have signs clearly posted on all loaded walls indicating the type of commodity stored and the maximum storage height. Signs shall be clearly visible when building is fully loaded to design level. Overloading of floors or walls may result in failure.			Local building departments may require added fall restraint due to conditions that may affect the skylight structural integrity. It is the responsibility of the builder to determine and provide any added fall restraint under the skylight as may be required by your building department.		
It is the responsibility of the Builder to obtain approvals and permits from all governing agencies and jurisdictions as required. Approval of VP Buildings drawings constitutes the builders acceptance of VP interpretation of the contract purchase order. Unless specific design criteria concerning interface design and details are furnished as part of the contract, VP Buildings design assumptions shall govern.			Claims for damage or shorts MUST be noted on the Bill-of-Lading or delivery receipt and filed against the carrier by the consignee as per VP's Terms of Sales (F.O.B. Plant) under the Uniform Commercial Code. It is critical that damages or shorts be noted on the Bill-of-Lading or you have little recourse with the carrier. Immediately upon delivery of material, material quantities are verified by the Builder against quantities billed on the shipping document. Neither the Manufacturer nor the carrier is responsible for material shortages against quantities billed on the shipping document if such shortages are not noted on the shipping documents upon delivery of material and acknowledged by the carriers agent. For materials concealed in bundles, boxes, or crates, shortages must be reported immediately upon unpacking. Should products get wet, bundled and crated materials must be unpacked and unbundled immediately to provide drainage of trapped moisture. See Erection Guide for proper job site storage procedure.			Drainage systems must be designed by the project professional to comply with code requirements. VP is not responsible for drainage designs, overflow scuppers, down piping, etc. The project professional and contractor are responsible to ensure that primary drains and overflow devices such as scuppers and auxiliary drains are provided as required for the required rain intensity at the building perimeter and at valley conditions to prevent ponding.		
VP engineers are not Project Engineers or Engineer of Record for the overall project. VP engineering supply sealed engineering design data and drawings for VP supplied material as part of the overall project for use by others to obtain permits, approvals, and coordinate with other trades. All interface and/or compatibility of any materials not furnished by VP are to be considered and coordinated by the builder or A/E firm.			SEALANTS			STEEL SHOP COAT		
CONSTRUCTION & ERECTION RESPONSIBILITY			Sealants shall be applied in strict accordance with VP details or weather tightness will be compromised. Sealant must be applied in temperatures and weather conditions consistent with labeling.			The purpose of VP's shop coat is to provide protection for the steel members during transportation, during temporary job site storage and during erection. Standard shop formulation is not designed to perform as a finish coat when exposed to environmental conditions. Members shall be kept free of the ground and properly drained during job site storage. It is the Builder's responsibility to ensure that if a finish coat is being applied over VP shop coat that the painting contractor verifies compatibility between his finish coat and VP's shop coat.		
The Builder is responsible for construction in strict accordance with VP Buildings "FOR CONSTRUCTION" drawings and all applicable product installation guides. VP is not responsible for work done from any other VP drawings that are not marked "FOR CONSTRUCTION", nor any drawings prepared by others.			SEALANT			VP BUILDINGS ACCREDITATIONS AND APPROVALS		
As erected field assemblies of members shall be as specified in MBMA Code of Standard Practice (in Canada - CSA S16), which require L/500 tolerance of installed members. Occasional field work including shimming, cutting, coping, and drilling for final fit-up are considered part of erection. Specified field work and field welding conditions indicated on these drawings shall also be included in the erectors scope of work. See Erection Guide for shimming procedure. For building with top riding bridge cranes see Crane Data drawing for column plumb tolerance.			INDEPENDENT MEZZANINES			Fabricator Approvals		
The building erector shall be properly licensed and experienced in erecting metal building systems. The Builder is responsible for having knowledge of, and shall comply with, all OSHA requirements and all other governing site safety criteria. The builder is responsible for designing, supplying, locating and installing temporary supports and bracing during erection of the building. VP bracing is designed for code required loads after building completion and shall not be considered as adequate erection bracing. See Erection Guide.			Independent mezzanines must be designed by a professional engineer. The engineer must ensure that proper isolation from the VP building has been provided to avoid structural damage due to differential movements, or inadvertently apply loads to the VP structure. VP accepts no responsibility for the design of the independent mezzanine.			IAS AC472 Approvals: (www.iasonline.org/services/metal-building-inspection) Listed under BlueScope Buildings North America, Inc. City of Los Angeles, CA #FB00031; City of Houston, TX 767 & 429; City of Phoenix, AZ C19-02008; Clark County, NV 43 & 833, San Bernardino County, CA 289 State of Utah, City of Richmond, CA.		
Shimming of steel buildings during erection may be required to accomodate allowable tolerances during fabrication and erection. Special care should be taken by the building erector to shim connections where key dimensions must be maintained for building performance as even small tolerances can have a significant impact on critical dimensions such as height, clearances and plumbness, especially as the size of the member or building increases. Conditions where shimming should be expected can include but are not limited to large door openings, critical clear height requirements, cranes, buildings greater than 45 feet in height, clear spans greater than 125 feet and adjacent frames with different characteristics (like clear span frames adjacent to an endwall or modular frame). Shims are normally provided by the erector, but may be ordered upon request by contacting your Project Manager.			FIRE CODE COMPLIANCE			Design Approvals		
EXISTING STRUCTURES			It is the responsibility of the project design professional and builder to comply with local fire code regulations including consideration of, but not limited to, building use and occupancy, all building construction materials, separation requirements, egress requirements, fire protection systems, etc. Builder shall advise VP of any special requirements to be furnished by VP.			IAS AC472 Approvals: (www.iasonline.org/services/metal-building-inspection) Listed under Varco Pruden Buildings, a Division of BlueScope Buildings North America, Inc.		
VP must be advised of any structure that is within 20 ft. of VP's building. Load effects from snow drifting, wind effects, and seismic separation must be considered for both the new and existing structures. VP has designed the new VP building for these effects. The owner/builder are responsible for employing a Professional Engineer to review and verify the existing structure for all load effects from the adjacent VP building.			FIELD MODIFICATIONS			Canadian CSA A660 Certifications (www.cwbgroup.org) Listed under BlueScope Buildings North America, Inc.		
BRACING			Modifications to this building from details and instructions contained on these drawings must be approved in writing by VP Buildings engineers, or other licensed structural engineer. This includes, but is not limited to, removal of roof or wall cladding, removing or moving any flange braces or rod braces, cutting of openings for doors, windows or RTU's, correction of fabrication errors, etc. The owner shall not impose loads to this structure beyond what is specified for this building in the contract documents. VP Buildings accepts no responsibility for the consequences of any unauthorized additions, alterations, or added loads to this structure.			Engineering Certifications of Authorization USA--AL#CA-5589-E; AZ#22225-0; AR#576; FL#30427; GA#PEF007551; ID#C-2470; IL#184-002649; KS#E-29; KY#4490; LA#EF6722; MS#E-0592; MO#E-2010007736; NC#F-0998; ND#1579PE; NJ#24GA28318900; NV#20437; OH#05898; OK#CA4170PE; RI#9838; SC#6206; SD#C-1787; TX#F4828; VA#0411001520; WA#0411001518; WA#4119; WV#C03059-00 CAN--AB#P08900; NB#F0951; NL#D0044; NS#30123; NT#P062; ON#100148796; and YT#PP134		
Tension brace rods work in pairs to balance forces caused by initial tensioning. Care must be taken while tightening brace rods so as not to cause accidental or misalignment of components. All rods must be installed loose and then tightened. Rods should not exhibit excessive sag. For long or heavy rods, or angles it may be necessary to support the rods at mid-bay by suspending them from secondary members.			PANELS			ICC Evaluation Reports (www.icc-es.org) SSR Roof System - #ESR-2527		
Bracing for seismic or wind loading of objects or equipment that are not a part of the VP structure must be designed by a qualified professional to deliver lateral loads to primary frames and rod bracing struts. Equipment bracing and suspension connections must not impose torsion or minor axis loads, or cause local distortion in any VP components. VP accepts no responsibility for design or installation of bracing systems not furnished by VP.			Oil canning is an inherent characteristic of cold formed steel panels. It is the result of several factors that include induced stresses in the raw material delivered to VP, fabrication methods, installation procedures, and post installation thermal forces. Thru fastened panels will exhibit some dimpling when installed, especially when insulation is installed between panels and secondary supports. Dimpling can be minimized by careful installation, taking care not to over drive fasteners.			State of Florida Product Approvals (www.floridabuilding.org) Approved Products Listed Under VP Buildings, Inc. VP TextureClad - See Transamerican Structuroc, Inc.		
FIELD WELDING			Roof rumble is a phenomenon that is caused by wind gusts lifting up on the roof panels and then springing back into place. All panels experience this action to some degree, especially with concealed clip Standing Seam panels. Roof rumble noise may be minimized by providing a layer of blanket insulation between the panels and any hard support surface such as steel secondary members, substrates such as plywood, steel decking, or rigid board insulation. A minimum of 3 inch thick blanket is recommended over steel secondary members, or 2 inch over substrates.			Dade Co. Product Approval (www.miamidade.gov/buildingcode) Approved Products Listed Under Varco Pruden Buildings, Inc. VP TextureClad - See Transamerican Structuroc, Inc.		
DELIVERIES			Oil canning, dimpling, and roof rumble do not affect the structural integrity or weather tightness of the panels and is not grounds for rejection of panels.			Underwriter's Laboratory Approvals (Available only when specified in contract) SSR Roof-UL#TGKX-113; SSR Composite Roof Class 90-UL#TGKX-113A; SSR Roof w/Super Block; Class 90-UL#TGKX-328; Panel Rib Roof UL Class 60-UL#TGKX-60; Panel Rib Roof UL Class 90-UL#TGKX-64; VP SLR II Roof Class 90-UL#TGKX-90, -180, -435, -435A, -176, -238, -238A, -238B		
It is the responsibility of the builder to have adequate equipment available at the job site to unload trucks in a safe and timely manner. The Builder will be responsible for all retention charges from carriers as a result of job site unloading delays.			The Standing Seam joint detail is designed with an interlocking feature for ease of installation. However, it is imperative that installed Standing Seam panels be secured to the secondary structural members and properly seamed prior to departure from the job site each day.			Factory Mutual Approved Assemblies (Available only when specified in contract) SSR Roof Systems are approved in various type applications and listed in FM Approval Guide. 24 Ga SSR (0.0227" Nominal), is available in Class 1-60, 1-75, 1-90. 22Ga SSR (0.0277" Nominal), is available in Class 1-75, 1-90-, 1-120. SLR II Roof Systems are approved in various type applications and listed in FM Approval Guide. 24 Ga SLR II (0.0227" Nominal), is available in Class 1-75 and 1-120.		

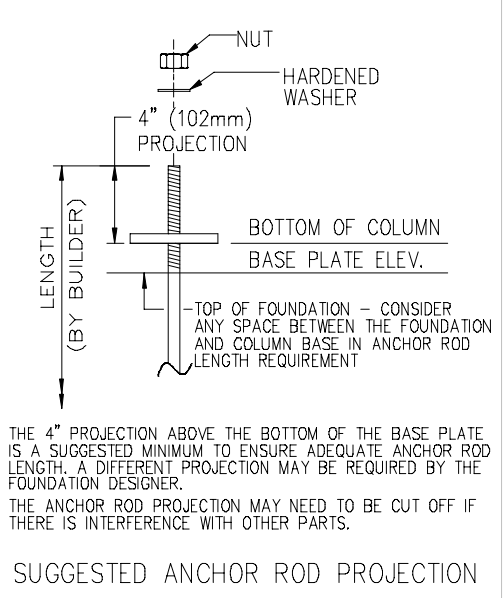
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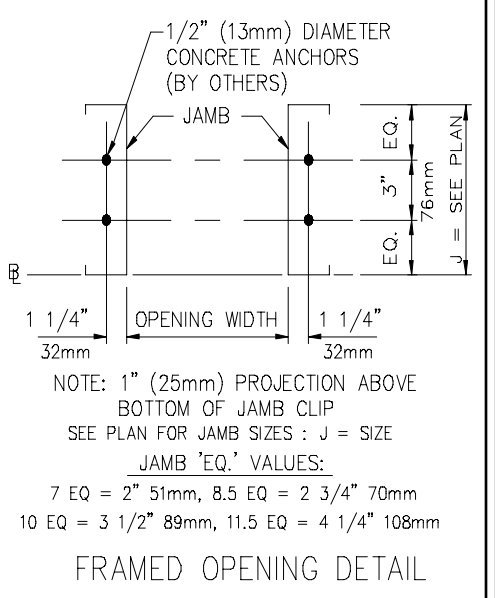
AR1 (4)3/4" Dia.
Max Plate W=8",L=1'-1", Min Thk=3/8"
Dim: A=1'-0"
Elev.=100'-0"



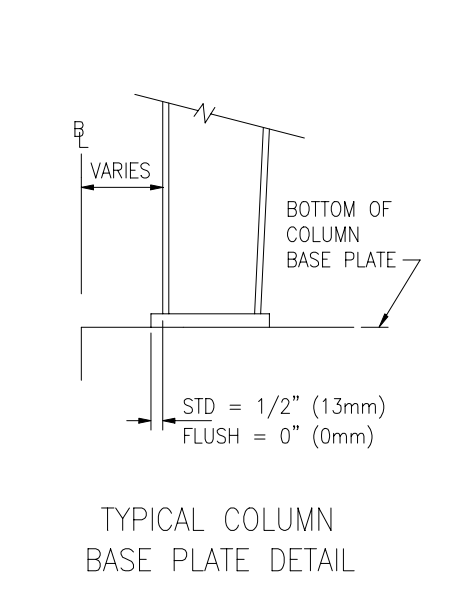
D1 (4)3/4" Dia.
Max Plate W=8",L=11", Min Thk=3/8"
Dim: A=11"
Gage=5" Pitch=5" Edge Out=3"
Elev.=100'-0"



THE 4" PROJECTION ABOVE THE BOTTOM OF THE BASE PLATE IS A SUGGESTED MINIMUM TO ENSURE ADEQUATE ANCHOR ROD LENGTH. A DIFFERENT PROJECTION MAY BE REQUIRED BY THE FOUNDATION DESIGNER.
THE ANCHOR ROD PROJECTION MAY NEED TO BE CUT OFF IF THERE IS INTERFERENCE WITH OTHER PARTS.
SUGGESTED ANCHOR ROD PROJECTION

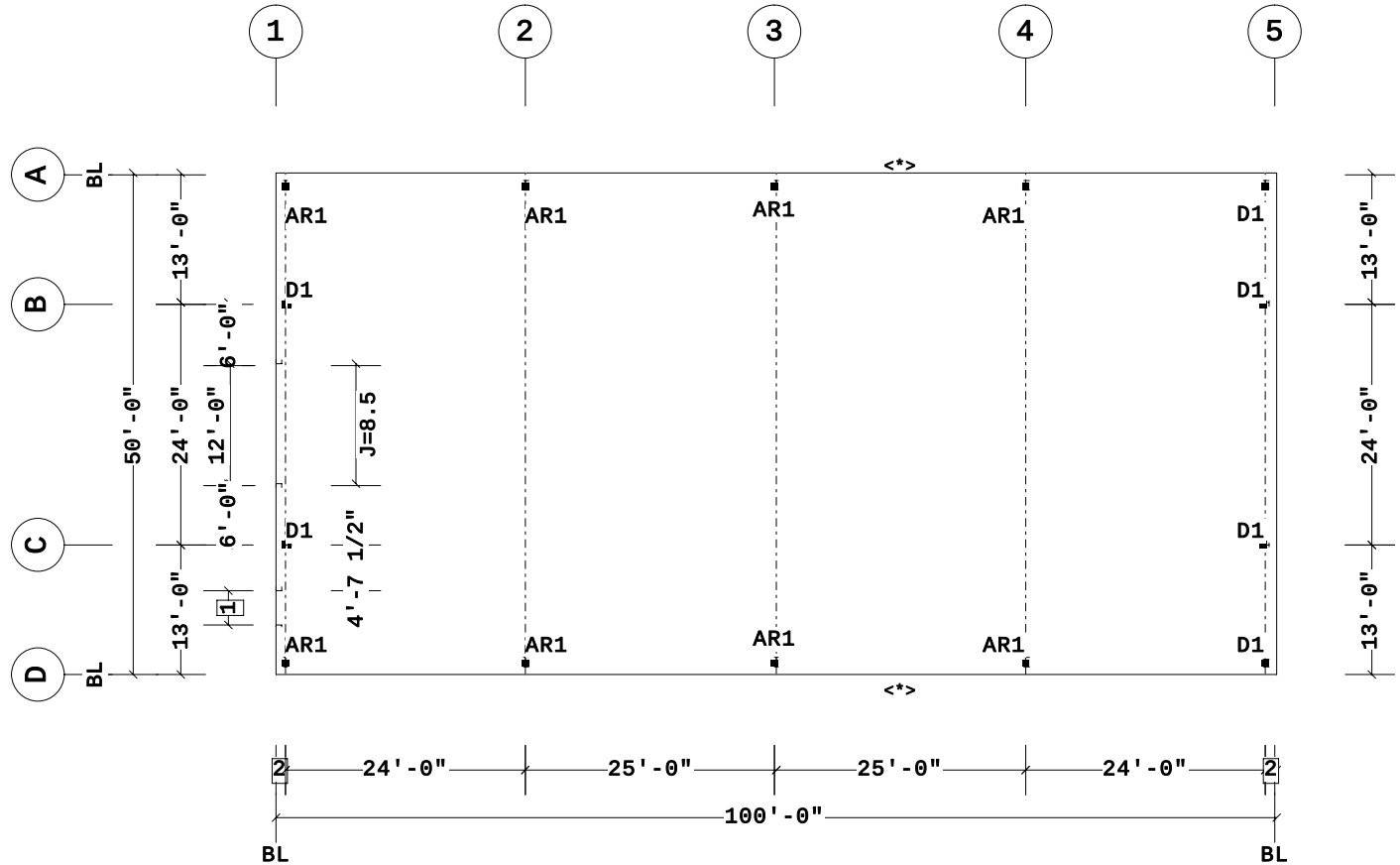


NOTE: 1" (25mm) PROJECTION ABOVE BOTTOM OF JAMB CLIP
SEE PLAN FOR JAMB SIZES : J = SIZE
JAMB 'EQ.' VALUES:
7 EQ = 2" 51mm, 8.5 EQ = 2 3/4" 70mm
10 EQ = 3 1/2" 89mm, 11.5 EQ = 4 1/4" 108mm
FRAMED OPENING DETAIL



TYPICAL COLUMN
BASE PLATE DETAIL

1. ANCHOR RODS, NUTS, HARDENED WASHERS AND ANY OTHER EMBEDDED ITEMS ARE TO BE FURNISHED BY CONTRACTOR.
2. ANCHOR ROD DIAMETERS WERE DETERMINED BY ALLOWABLE SHEAR AND TENSION PER AISC SPECIFICATIONS (FY=36KSI). (ASTM F1554 GRADE 36) ANCHOR ROD LENGTH, EFFECTS OF EMBEDDED ANCHOR ROD EDGE DIMENSIONS AND METHOD OF TRANSFERRING FORCES FROM ANCHOR RODS TO FOOTINGS ARE TO BE DETERMINED BY OTHERS.
3. UNLESS OTHERWISE SPECIFIED, ANCHOR RODS ARE DESIGNED AND DETAILED AS "CAST-IN-PLACE" ANCHOR RODS WITH "SNUG TIGHT" CONNECTIONS.
4. FOUNDATION MUST BE LEVEL, SQUARE AND SMOOTH. ANCHOR RODS MUST BE ACCURATELY PLACED AS SHOWN ON THIS DRAWING OR STEEL WILL NOT FIT. THE BUILDER IS RESPONSIBLE FOR ACCURATE SETTING OF ANCHOR RODS PER AISC CODE OF STANDARD PRACTICE, SEC 7.5 VARIATIONS ARE SUMMARIZED BELOW;
 - a. CENTERS OF ANY TWO AR'S WITHIN A COLUMN BASE GROUP; +-1/8"
 - b. CENTERS OF ADJACENT AR GROUPS; +-1/4"
 - c. TOPS OF AR'S; +-1/2"
 - d. ACCUMULATED DIM BETWEEN CENTERS OF AR GROUPS ALONG COLUMN LINE; +-1/4" PER 100FT., NOT TO EXCEED 1" TOTAL.
 - e. DIM FROM CENTER OF ANY AR GROUP FROM COLUMN LINE; +-1/4"
5. DESIGN LOADS AND REACTIONS ARE FURNISHED IN THE REACTIONS REPORT.



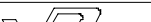
ANCHOR ROD PLAN

2 1'-0"
1 3'-4 1/2" J=8.5
☐ Dimension Key

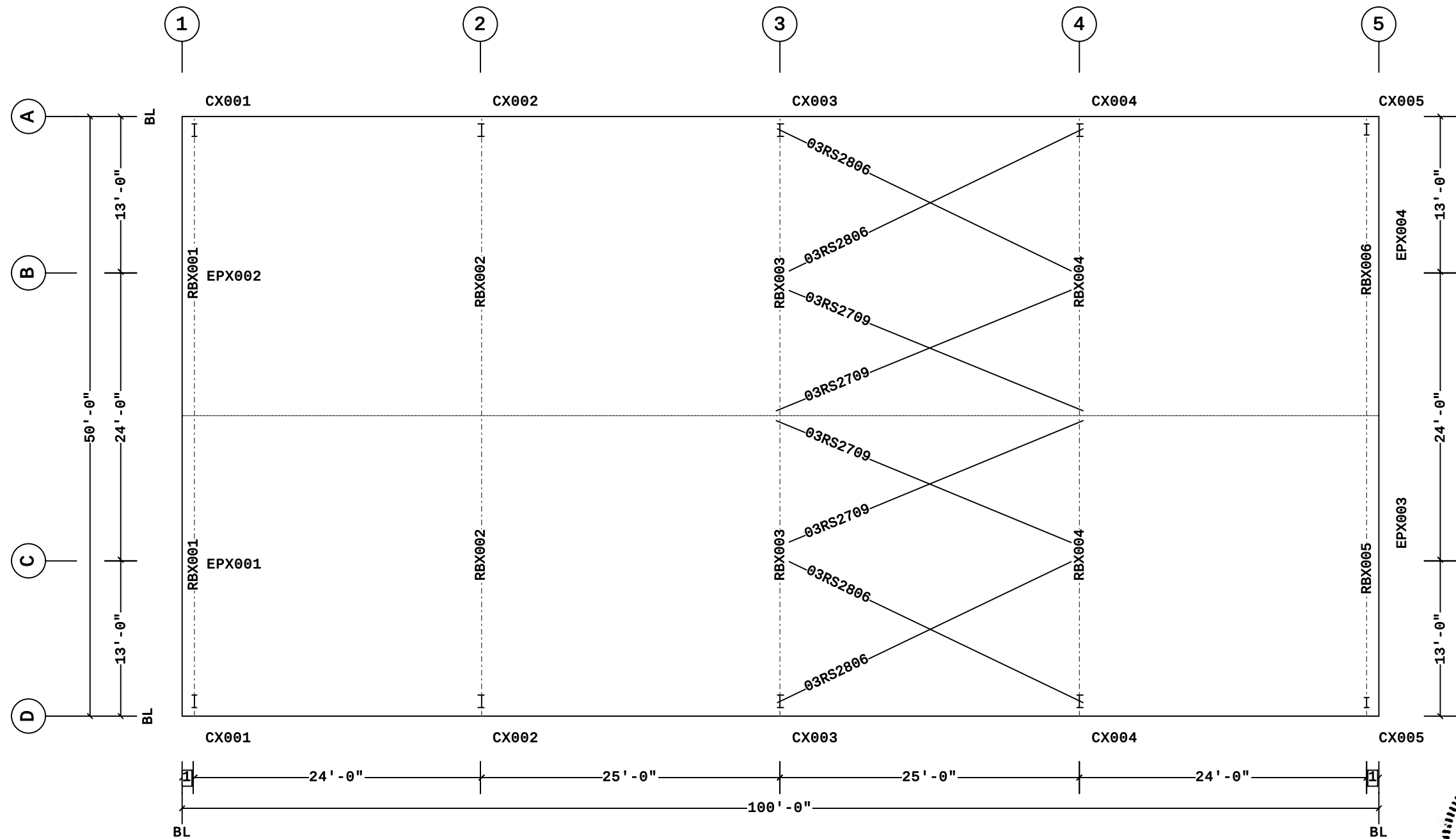


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FOR CONSTRUCTION

<*> The building is designed with bracing diagonals in the designated bays. Column base reactions, base plates and anchor rods are affected by this bracing and diagonals may not be relocated without consulting the building suppliers engineer.	The VP Engineer's seal applies only to the work product of VP and design and performance requirements specified by VP. The VP Engineer's seal does not apply to the performance or design of any other product or component furnished by VP except to any design or performance requirements specified by VP.	This drawing, including the information hereon, remains the property of VP Buildings. It is provided solely for erecting the building described in the applicable purchase order and may be reproduced only for that purpose. It shall not be modified, reproduced or used for any other purpose without prior written approval of VP Buildings.	The general contractor and/or erector is solely responsible for accurate good quality workmanship in erecting this building in accordance with this drawing, details referenced in this drawing, all applicable VP Buildings erection guides, and industry standards pertaining to proper erection, including the correct use of temporary bracing.	B	VP Buildings 3200 Players Club Circle Memphis TN 38125		ANCHOR ROD PLAN		 VP BUILDINGS VARCO PRUDEN VP Version: 25.2.0	Job # 25-026052-01 Date 10/14/2025 Drawn/Check RV LC Page 4		
					Rev	Date	By	Description			Builder	GREGORY DEVELOPMENT , LLC
											Customer	Matt Johnson
											Location	Fuquay Varina, North Carolina
											Project	Revels Tractor Storage Shed
					NTS						Builder's PO#	

Bracing Part Schedule			
Part	Qty	Length	Detail
03RS2709	4	27' - 9"	BR01G2
03RS2806	4	28' - 6"	BR01G2



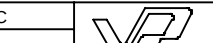
PRIMARY AND ROOF BRACING PLAN



11/10/2025

1 1' - 0"
Dimension Key

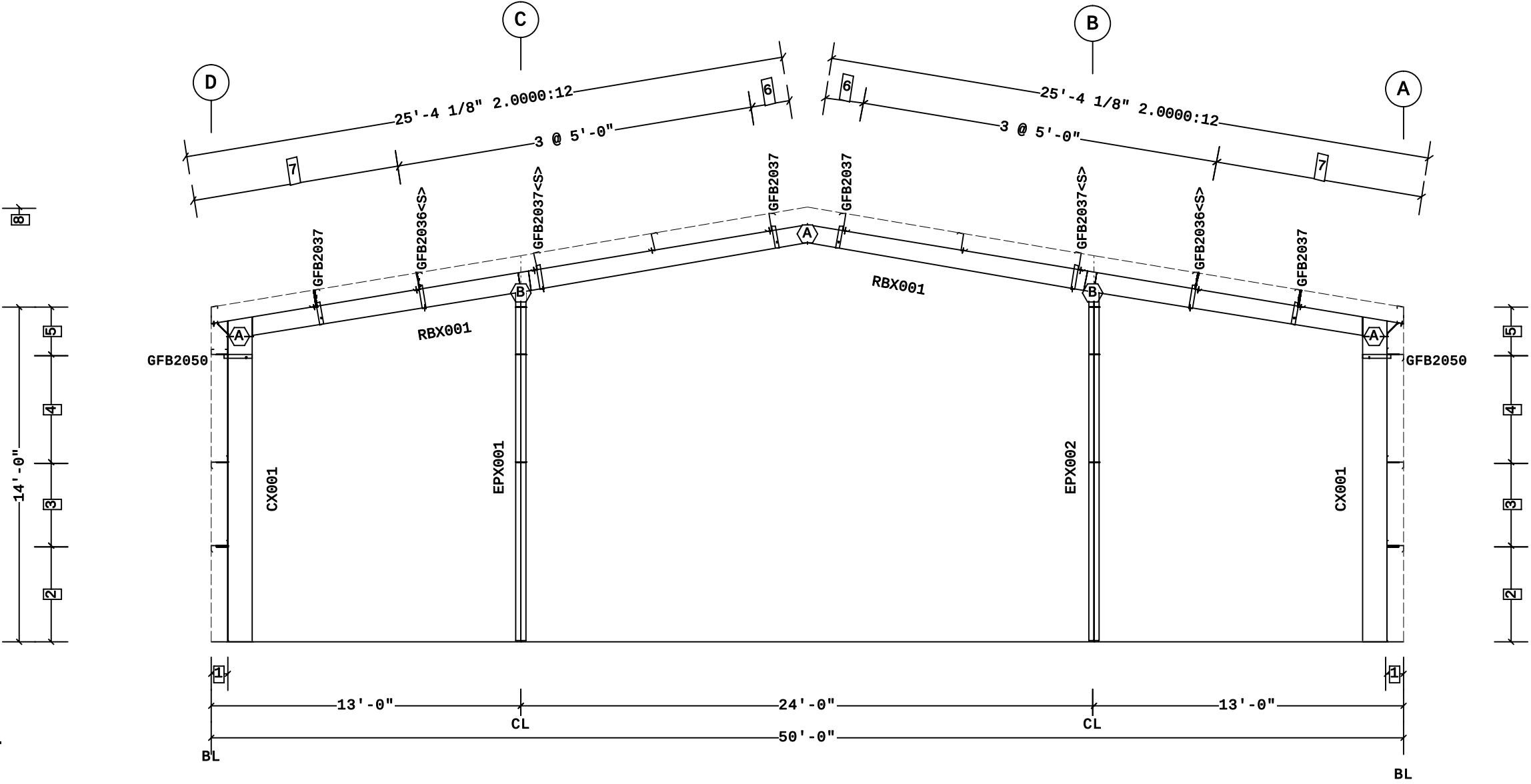
FOR CONSTRUCTION

1. Use 1/2 x 1 1/2 A325T Bolt (49080) and Nut (47120) w/o washers. Snug tighten bolts for all secondary connections, secondary clip connections, and flange brace connections, unless noted otherwise. 2. Slot reinforcement plates need not be located on the same side of the web as the hillside washer.	The VP Engineer's seal applies only to the work product of VP and design and performance requirements specified by VP. The VP Engineer's seal does not apply to the performance or design of any other product or component furnished by VP except to any design or performance requirements specified by VP.	This drawing, including the information hereon, remains the property of VP Buildings. It is provided solely for erecting the building described in the applicable purchase order and may be reproduced only for that purpose. It shall not be modified, reproduced or used for any other purpose without prior written approval of VP Buildings. The general contractor and/or erector is solely responsible for accurate good quality workmanship in erecting this building in accordance with this drawing, details referenced in this drawing, all applicable VP Buildings erection guides, and industry standards pertaining to proper erection, including the correct use of temporary bracing.	B	VP Buildings 3200 Players Club Circle Memphis TN 38125		PRIMARY AND ROOF BRACING PLAN						
				Rev	Date	By	Description	Builder	GREGORY DEVELOPMENT, LLC		 VPC Version: 25.2.0	Job # 25-026052-01 Date 11/07/2025 Drawn/Check FRP AOC Page 5
								Customer	Matt Johnson			
								Location	Fuquay Varina, North Carolina			
								Project	Revels Tractor Storage Shed			
								Builder's PO#				
NTS												

Frame Member Schedule									
Part	Mem	Width	Thick	WebThk.	Depth1	Depth2	Approx.Lgth	Approx.Weight	Detail
CX001	1	5.0000	.1345	.1345	1'-0"	1'-0"	12'-9 7/16"	149#	
RBX001	2	5.0000	.1345	.1345	9"	10"	25'-3 7/8"	244#	
	3	5.0000	.1345	.1345	10"	9"			
RBX001	4	5.0000	.1345	.1345	9"	10"	25'-3 7/8"	244#	
	5	5.0000	.1345	.1345	10"	9"			
CX001	6	5.0000	.1345	.1345	1'-0"	1'-0"	12'-9 7/16"	149#	
EPX001	7	5.0000	.1345	.1345	10"	10"	14'-7 11/16"	151#	BR25CA
EPX002	8	5.0000	.1345	.1345	10"	10"	14'-7 11/16"	151#	BR25CA

Frame Clearances
Horiz. Clearance between members 1(CX001) and 6(CX001): 46'-7"
Vert. Clearance at member 1(CX001): 12'-9 7/16"
Vert. Clearance at member 6(CX001): 12'-9 7/16"
Vert. Clearance at member 7(EPX001): 14'-7 1/4"
Vert. Clearance at member 8(EPX002): 14'-7 1/4"
Finished Floor Elevation = 100'-0" (Unless Noted Otherwise)

Bolt Connection & Plate Schedule								
Id	Qty	Grade	Bolt Dia.	Bolt Length	Plate Thick.	Rows Out	Rows In	PartNo
A	4	A325	3/4"	2 1/2"	3/8"	1	1	0097284
B	4	A325	1/2"	1 1/2"	3/8"	1	1	49080
<S> - (2) Washers (095872) req'd at Flange Brace to Secondary.								



- 8 18'-2" Ridge Ht.
- 7 2 @ 4'-4 3/8"
- 6 1'-7 7/16"
- 5 2'-0"
- 4 4'-6"
- 3 3'-6"
- 2 4'-0"
- 1 8 1/2"

Dimension Key

FRAME CROSS SECTION AT FRAME LINE(S) 1



11/10/2025

FOR CONSTRUCTION

Shape Name = Storage Shed Wall 4, Frame 1

- 1. Use 1/2 x 1 1/2 A325T Bolt (49080) and Nut (47120) w/o washers. Snug tighten bolts for all secondary connections, secondary clip connections, and flange brace connections, unless noted otherwise.
- 2. Slot reinforcement plates need not be located on the same side of the web as the hillside washer.

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VP Buildings
3200 Players Club Circle Memphis TN 38125

Rev	Date	By	Description
NTS			

FRAME CROSS SECTION AT FRAME LINE(S) 1

Builder	GREGORY DEVELOPMENT, LLC
Customer	Matt Johnson
Location	Fuquay Varina, North Carolina
Project	Revels Tractor Storage Shed
Builder's PO#	



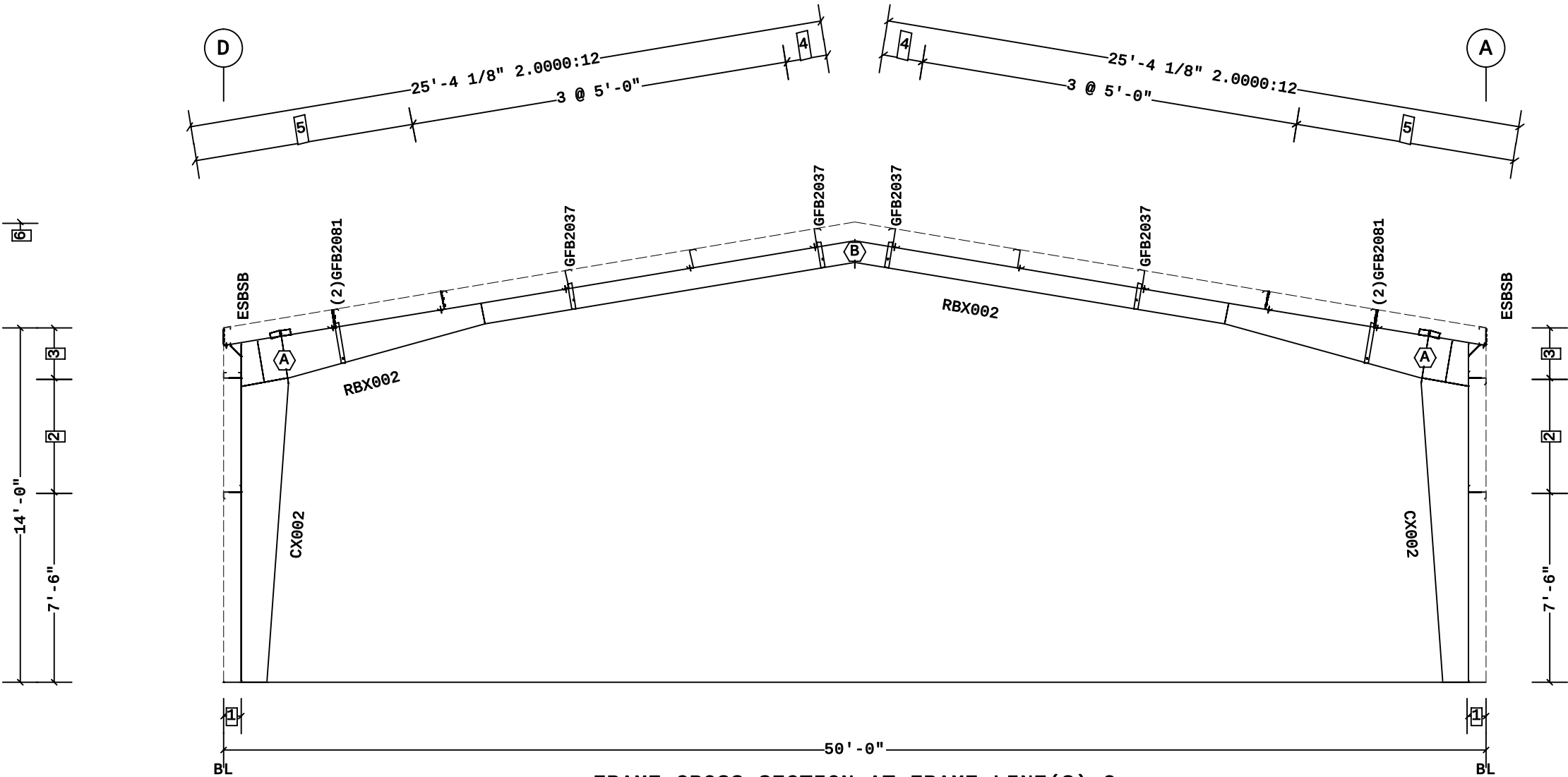
VPC Version: 25.2.0

Job #	25-026052-01
Date	11/07/2025
Drawn/Check	FRP AOC
Page	6

Frame Member Schedule								
Part	Mem	Width	Thick	WebThk.	Depth1	Depth2	Approx.Lgth	Approx.Weight
CX002	1	6.0000	.2500	.1345	1'-0"	1'-10"	13'-7 13/16"	291#
RBX002	2	5.0000	.2500	.1345	1'-8"	10"	23'-0 3/8"	314#
	3	5.0000	.1875	.1345	10"	10"		
RBX002	4	5.0000	.1875	.1345	10"	10"	23'-0 3/8"	314#
	5	5.0000	.2500	.1345	10"	1'-8"		
CX002	6	6.0000	.2500	.1345	1'-0"	1'-10"	13'-7 13/16"	291#

Frame Clearances
Horiz. Clearance between members 1(CX002) and 6(CX002): 44'-10 3/16"
Vert. Clearance at member 1(CX002): 11'-9 3/4"
Vert. Clearance at member 6(CX002): 11'-9 3/4"
Finished Floor Elevation = 100'-0" (Unless Noted Otherwise)

Bolt Connection & Plate Schedule								
Id	Qty	Grade	Bolt Dia.	Bolt Length	Plate Thick.	Rows Out	Rows In	PartNo
A	8	A325	3/4"	2 1/2"	3/8"	2	2	0097284
B	6	A325	3/4"	2 1/2"	3/8"	1	2	0097284



- 6 18'-2" Ridge Ht.
5 2 @ 4'-4 3/8"
4 1'-7 7/16"
3 2'-0"
2 4'-6"
1 8 1/2"

Dimension Key



11/10/2025

FOR CONSTRUCTION

Shape Name = Storage Shed Wall 4, Frame 2

1. Use 1/2 x 1 1/2 A325T Bolt (49080) and Nut (47120) w/o washers. Snug tighten bolts for all secondary connections, secondary clip connections, and flange brace connections, unless noted otherwise.
2. Slot reinforcement plates need not be located on the same side of the web as the hillside washer.

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B

VP Buildings
3200 Players Club Circle Memphis TN 38125

FRAME CROSS SECTION AT FRAME LINE(S) 2

Rev	Date	By	Description
NTS			

Builder	GREGORY DEVELOPMENT, LLC
Customer	Matt Johnson
Location	Fuquay Varina, North Carolina
Project	Revels Tractor Storage Shed
Builder's PO#	



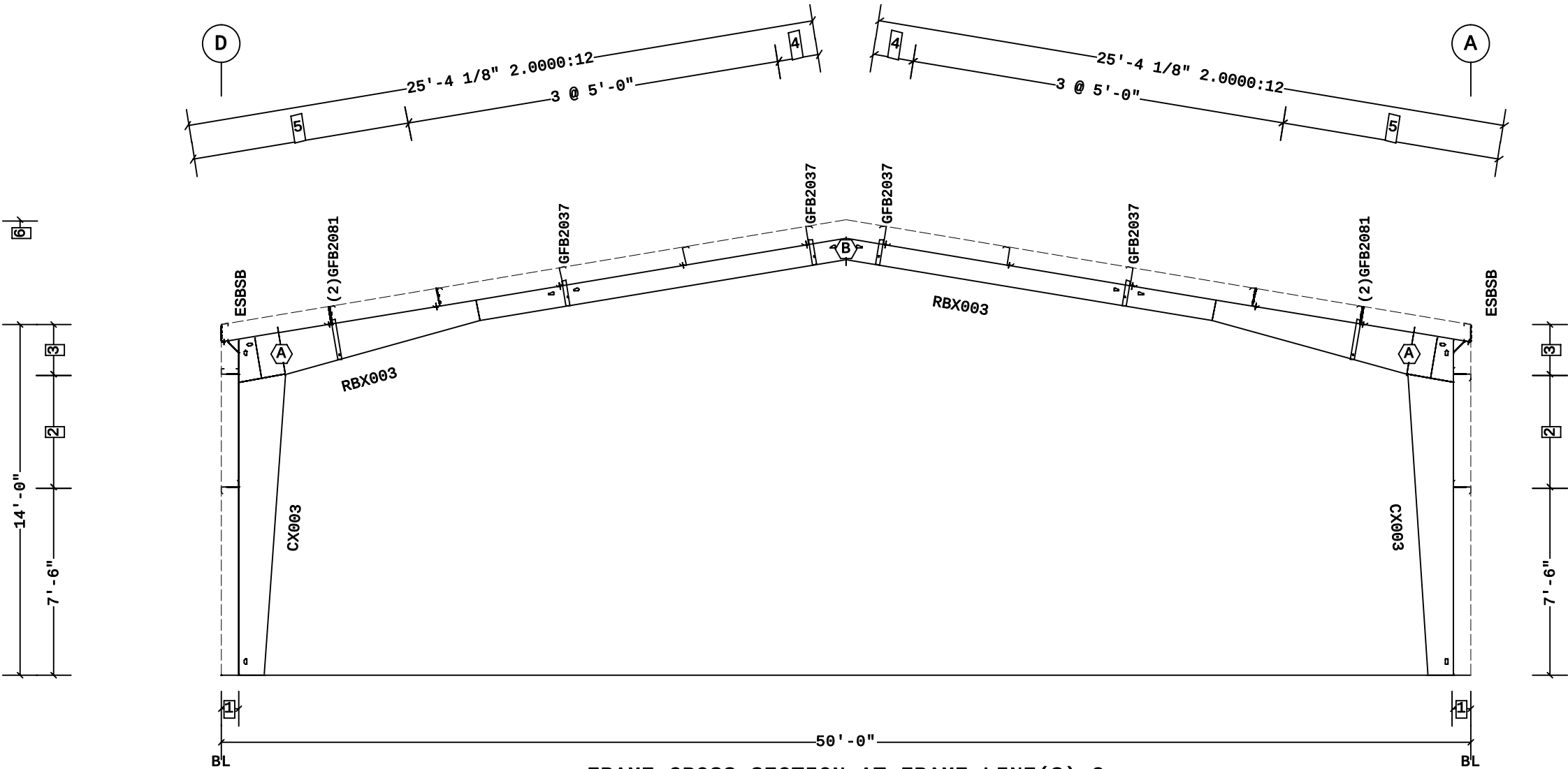
VPC Version: 25.2.0

Job #	25-026052-01
Date	11/07/2025
Drawn/Check	FRP AOC
Page	7

Frame Member Schedule								
Part	Mem	Width	Thick	WebThk.	Depth1	Depth2	Approx.Lgth	Approx.Weight
CX003	1	6.0000	.2500	.1345	1'-0"	1'-10"	13'-7 13/16"	293#
RBX003	2	5.0000	.2500	.1644	1'-8"	10"	23'-0 1/4"	329#
	3	5.0000	.1875	.1345	10"	10"		
RBX003	4	5.0000	.1875	.1345	10"	10"	23'-0 1/4"	329#
	5	5.0000	.2500	.1644	10"	1'-8"		
CX003	6	6.0000	.2500	.1345	1'-0"	1'-10"	13'-7 13/16"	293#

Frame Clearances
Horiz. Clearance between members 1(CX003) and 6(CX003): 44'-10 13/16"
Vert. Clearance at member 1(CX003): 11'-11 11/16"
Vert. Clearance at member 6(CX003): 11'-11 11/16"
Finished Floor Elevation = 100'-0" (Unless Noted Otherwise)

Bolt Connection & Plate Schedule								
Id	Qty	Grade	Bolt Dia.	Bolt Length	Plate Thick.	Rows Out	Rows In	PartNo
A	6	A325	3/4"	2 1/2"	1/2"	2	1	0097284
B	6	A325	3/4"	2 1/2"	3/8"	1	2	0097284



- 6 18'-2" Ridge Ht.
5 2 @ 4'-4 3/8"
4 1'-7 7/16"
3 2'-0"
2 4'-6"
1 8 1/2"

Dimension Key



11/10/2025

FOR CONSTRUCTION

Shape Name = Storage Shed Wall 4, Frame 3

1. Use 1/2 x 1 1/2 A325T Bolt (49080) and Nut (47120) w/o washers. Snug tighten bolts for all secondary connections, secondary clip connections, and flange brace connections, unless noted otherwise.
2. Slot reinforcement plates need not be located on the same side of the web as the hillside washer.

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B

VP Buildings
3200 Players Club Circle Memphis TN 38125

FRAME CROSS SECTION AT FRAME LINE(S) 3

Rev	Date	By	Description
NTS			

Builder	GREGORY DEVELOPMENT, LLC
Customer	Matt Johnson
Location	Fuquay Varina, North Carolina
Project	Revels Tractor Storage Shed
Builder's PO#	



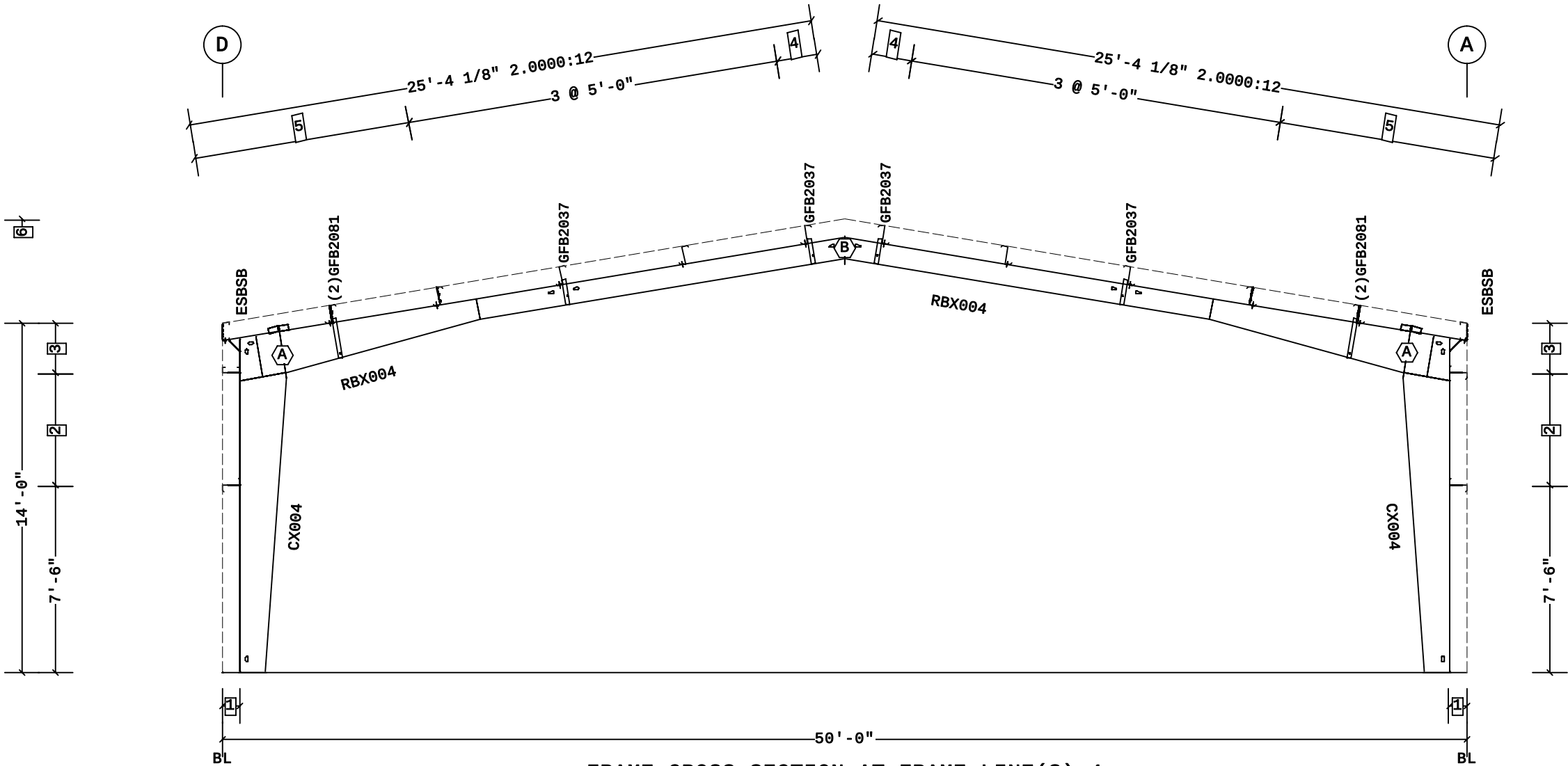
VPC Version: 25.2.0

Job #	25-026052-01
Date	11/07/2025
Drawn/Check	FRP AOC
Page	8

Frame Member Schedule								
Part	Mem	Width	Thick	WebThk.	Depth1	Depth2	Approx.Lgth	Approx.Weight
CX004	1	6.0000	.2500	.1345	1'-0"	1'-10"	13'-7 13/16"	291#
RBX004	2	5.0000	.2500	.1345	1'-8"	10"	23'-0 3/8"	314#
	3	5.0000	.1875	.1345	10"	10"		
RBX004	4	5.0000	.1875	.1345	10"	10"	23'-0 3/8"	314#
	5	5.0000	.2500	.1345	10"	1'-8"		
CX004	6	6.0000	.2500	.1345	1'-0"	1'-10"	13'-7 13/16"	291#

Frame Clearances
Horiz. Clearance between members 1(CX004) and 6(CX004): 44'-10 3/16"
Vert. Clearance at member 1(CX004): 11'-9 3/4"
Vert. Clearance at member 6(CX004): 11'-9 3/4"
Finished Floor Elevation = 100'-0" (Unless Noted Otherwise)

Bolt Connection & Plate Schedule								
Id	Qty	Grade	Bolt Dia.	Bolt Length	Plate Thick.	Rows Out	Rows In	PartNo
A	8	A325	3/4"	2 1/2"	3/8"	2	2	0097284
B	6	A325	3/4"	2 1/2"	3/8"	1	2	0097284



FRAME CROSS SECTION AT FRAME LINE(S) 4

- 6 18'-2" Ridge Ht.
5 2 @ 4'-4 3/8"
4 1'-7 7/16"
3 2'-0"
2 4'-6"
1 8 1/2"

Dimension Key



11/10/2025

FOR CONSTRUCTION

Shape Name = Storage Shed Wall 4, Frame 4

1. Use 1/2 x 1 1/2 A325T Bolt (49080) and Nut (47120) w/o washers. Snug tighten bolts for all secondary connections, secondary clip connections, and flange brace connections, unless noted otherwise.
2. Slot reinforcement plates need not be located on the same side of the web as the hillside washer.

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B

VP Buildings
3200 Players Club Circle Memphis TN 38125

FRAME CROSS SECTION AT FRAME LINE(S) 4

Rev	Date	By	Description
NTS			

Builder	GREGORY DEVELOPMENT, LLC
Customer	Matt Johnson
Location	Fuquay Varina, North Carolina
Project	Revels Tractor Storage Shed
Builder's PO#	



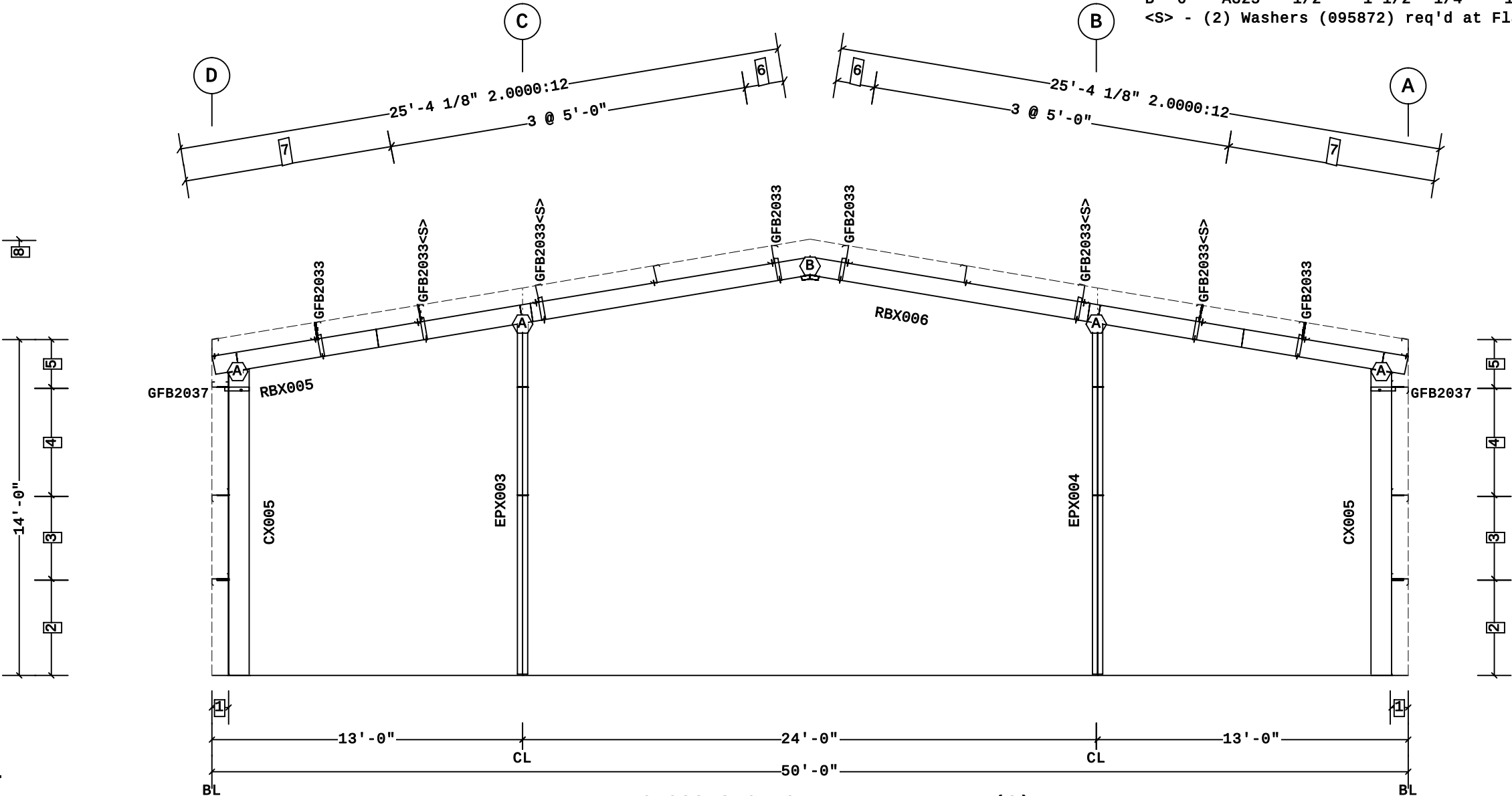
VPC Version: 25.2.0

Job #	25-026052-01
Date	11/07/2025
Drawn/Check	FRP AOC
Page	9

Frame Member Schedule									
Part	Mem	Width	Thick	WebThk.	Depth1	Depth2	Approx.Lgth	Approx.Weight	Detail
CX005	1	5.0000	.1875	.1345	10"	10"	12'-9 1/4"	156#	
RBX005	2-4	5.0000	.1875	.1345	9"	9"	25'-3 7/8"	277#	
RBX006	5-7	5.0000	.1875	.1345	9"	9"	25'-3 7/8"	277#	
CX005	8	5.0000	.1875	.1345	10"	10"	12'-9 1/4"	156#	
EPX003	9	5.0000	.1875	.1345	10"	10"	14'-8 11/16"	177#	BR25CA
EPX004	10	5.0000	.1875	.1345	10"	10"	14'-8 11/16"	177#	BR25CA

Frame Clearances
Horiz. Clearance between members 1(CX005) and 8(CX005): 46'-11"
Vert. Clearance at member 1(CX005): 12'-9 5/16"
Vert. Clearance at member 8(CX005): 12'-9 5/16"
Vert. Clearance at member 9(EPX003): 14'-8 1/4"
Vert. Clearance at member 10(EPX004): 14'-8 1/4"
Finished Floor Elevation = 100'-0" (Unless Noted Otherwise)

Bolt Connection & Plate Schedule								
Id	Qty	Grade	Bolt Dia.	Bolt Length	Plate Thick.	Rows Out	Rows In	PartNo
A	4	A325	1/2"	1 1/2"	3/8"	1	1	49080
B	6	A325	1/2"	1 1/2"	1/4"	1	2	49080
<S> - (2) Washers (095872) req'd at Flange Brace to Secondary.								



- 8 18'-2" Ridge Ht.
- 7 2 @ 4'-4 3/8"
- 6 1'-7 7/16"
- 5 2'-0"
- 4 4'-6"
- 3 3'-6"
- 2 4'-0"
- 1 8 1/2"

Dimension Key



11/10/2025

FRAME CROSS SECTION AT FRAME LINE(S) 5

FOR CONSTRUCTION

Shape Name = Storage Shed Wall 4, Frame 5

- 1. Use 1/2 x 1 1/2 A325T Bolt (49080) and Nut (47120) w/o washers. Snug tighten bolts for all secondary connections, secondary clip connections, and flange brace connections, unless noted otherwise.
- 2. Slot reinforcement plates need not be located on the same side of the web as the hillside washer.

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B

VP Buildings
3200 Players Club Circle Memphis TN 38125

Rev	Date	By	Description
NTS			

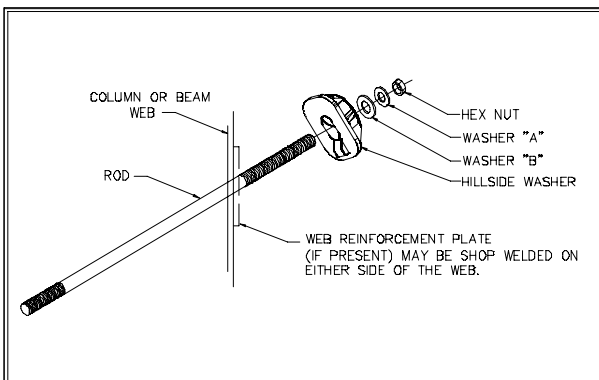
FRAME CROSS SECTION AT FRAME LINE(S) 5

Builder	GREGORY DEVELOPMENT, LLC
Customer	Matt Johnson
Location	Fuquay Varina, North Carolina
Project	Revels Tractor Storage Shed
Builder's PO#	



VPC Version: 25.2.0

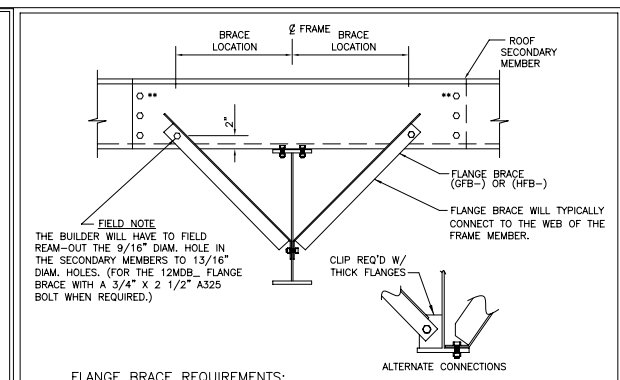
Job #	25-026052-01
Date	11/07/2025
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DESCRIPTION / PART NO				
ROD DIAM	NUT	HARD STEEL ROUND WASHER A	HARD STEEL WASHER B	HILLSIDE WASHER
3/8"	95321	3/8" FLAT WASHER (96408)	1/2" BEVEL SQUARE WASHER (46040)	
1/2"	95230	1/2" FLAT WASHER (95872)	3/4" FLAT ROUND WASHER (95946)	543334
5/8"	95233	5/8" FLAT WASHER (95945)		
3/4"	95235	3/4" FLAT WASHER (95946)	1" FLAT ROUND WASHER (95948)	543335
7/8"	95237	7/8" FLAT WASHER (95947)		
1"	95238	1" FLAT WASHER (95948)	1 1/8" FLAT ROUND WASHER (95949)	543336
1 1/8"	95239	1 1/8" FLAT WASHER (95949)		

REV. DATE:06/02/17 REV. NO. 04
BR01G2

ROD BRACE
WEB SLOT ASSEMBLY



FLANGE BRACE REQUIREMENTS:

RULE#1- ALL FLANGE BRACES ON CROSS SECTIONS MUST BE INSTALLED.

RULE#2- SINGLE FLANGE BRACES ARE REQUIRED WHEN PART MARK ON CROSS SECTION IS NOT ACCOMPANIED BY (2).

RULE#3- FLANGE BRACES ARE REQUIRED BOTH SIDES OF THE FRAME WEB WHEN PART MARK IS ACCOMPANIED BY (2).

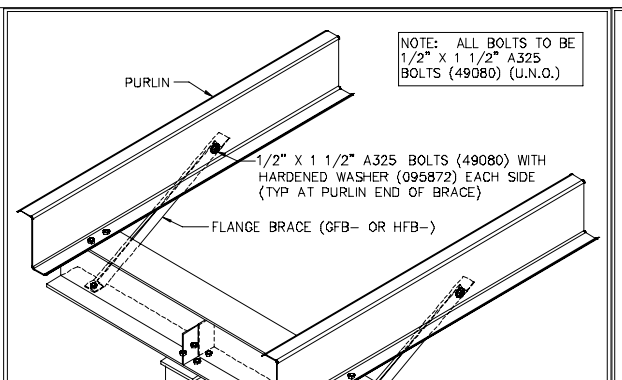
RULE#4- WHENEVER POSSIBLE, PLACE SINGLE BRACES TOWARD THE CENTER OF THE BUILDING.

RULE#5- WHENEVER POSSIBLE, PLACE ALL SINGLE BRACES ON THE SAME SIDE OF THE FRAME WEB.

** 10" & 11 1/2" PURLINS REQUIRE 3 BOLTS AT EACH END OF PURLIN LAP.

REV. DATE:06/06/16 REV. NO. 02
BR06AE

TYPICAL FLANGE BRACE CONNECTIONS
CONT. PURLIN LAP SHOWN, CONT. GIRT & SIMPLE PURLIN



NOTE: ALL BOLTS TO BE 1/2" X 1 1/2" A325 BOLTS (49080) (U.N.O.)

1/2" X 1 1/2" A325 BOLTS (49080) WITH HARDENED WASHER (095872) EACH SIDE (TYP AT PURLIN END OF BRACE)

FLANGE BRACE (GFB- OR HFB-)

ENDPOST

RAKE BEAM

REV. DATE:11/16/15 REV. NO. 03
BR25CA

ENDPOST TOP BETWEEN PURLINS
NO CAP CHANNEL - BRACED TO PURLINS ONLY

F = FEET G = GAGE
I = INCHES O = OPERATION
E = EIGHTHS C = FIN/COLOR

PANEL/COVERING
W 1 3 1 1 7 2 6 1 K T D
* F F I I E G G O C C C
LENGTH CODE

INSULATION
I B 1 3 0 1 0 3 6 0 3 0 W V
* * F F F I I I I I E C C
LENGTH WIDTH THK CODE

SECONDARY (STANDARD)
O B Z 1 9 1 1 4 1 7 - - - -
* * * * F F I I E G G * * * * *

SECONDARY (SPECIAL)
O 0 1 0 8 Z 1 9 1 1 4 1 7 - - -
* * * * * F F I I E G G * * * *

COUNTER DEPTH & LENGTH SHAPE GAGE ADJUST.CODES

ROD BRACING
O 3 R S 2 5 1 0
I E * * F F I I
DIA LENGTH

RS = THREADS BOTH ENDS
RT = THREADS ONE END - CLEVIS ONE END
RU = CLEVIS BOTH ENDS
RP = THREAD BOTH ENDS - NO HILLSIDES

CX*** = COLUMN (PLATE)
CGX*** = COLUMN (GAGE)
WCX*** = COLUMN (HOTROLL)

RBX*** = RAFTER (PLATE)
BCX*** = RAFTER (GAGE)
WRX*** = RAFTER (HOTROLL)
TRX*** = TRUSS RAFTER

ICX*** = INTERIOR COLUMN
PCX*** = PIPE COLUMN
TCX*** = TUBE COLUMN

EPX*** = ENDPOST (PLATE)
EGX*** = ENDPOST (GAGE)

CBX*** = CANOPY (PLATE)
CBX*** = PIGGYBACK CANOPY

DCC*** = 8 1/2" GAGE POST
DCE*** = 10" GAGE POST

REV. DATE:06/29/12 REV. NO. 01
EN50B1

MARK NUMBER KEY
COMMON GENERATED MARK NUMBERS

BASIC ERECTION GUIDE REQUIRED FOR THIS PROJECT:

REFER TO:

VARCO PRUDEN BUILDINGS

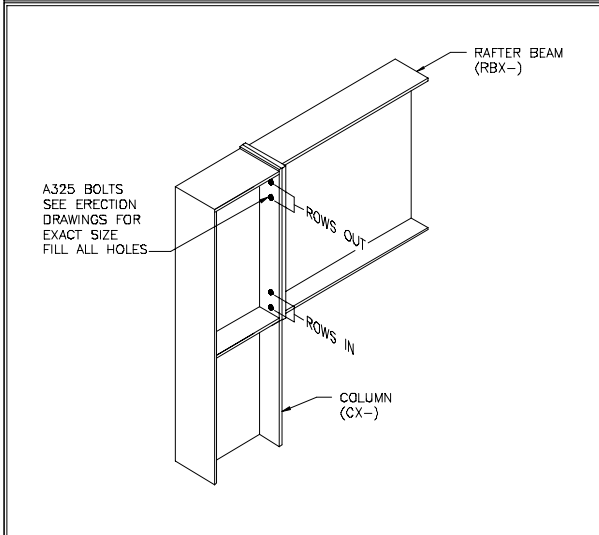
BASIC ERECTION GUIDE

The Field Guide for correctly storing and erecting Varco Pruden Metal Building Systems

BACK COVER: 4001 BASIC ERECTION GUIDE

REV. DATE:01/30/14 REV. NO. 00
ENV002

BASIC ERECTION GUIDE - STRUCTURAL



A325 BOLTS SEE ERECTION DRAWINGS FOR EXACT SIZE. FILL ALL HOLES.

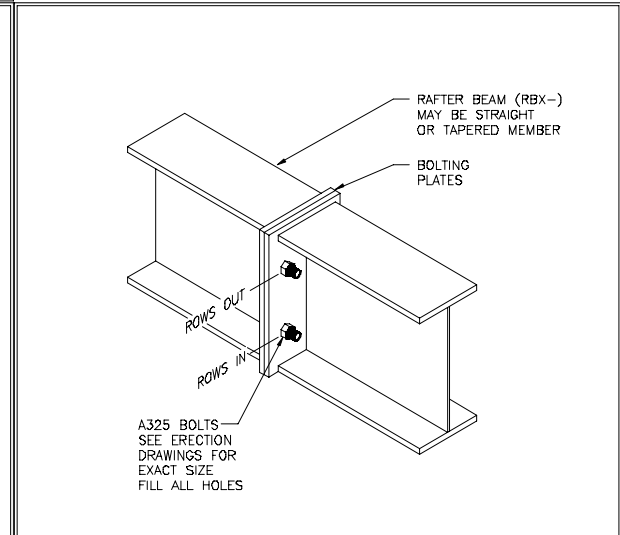
ROWS OUT

ROWS IN

COLUMN (CX-)

REV. DATE:07/01/09 REV. NO. 00
PF01A2

HAUNCH TO COLUMN CONNECTION
FACE/VERTICAL BOLTED COLUMN



RAFTER BEAM (RBX-) MAY BE STRAIGHT OR TAPERED MEMBER

BOLTING PLATES

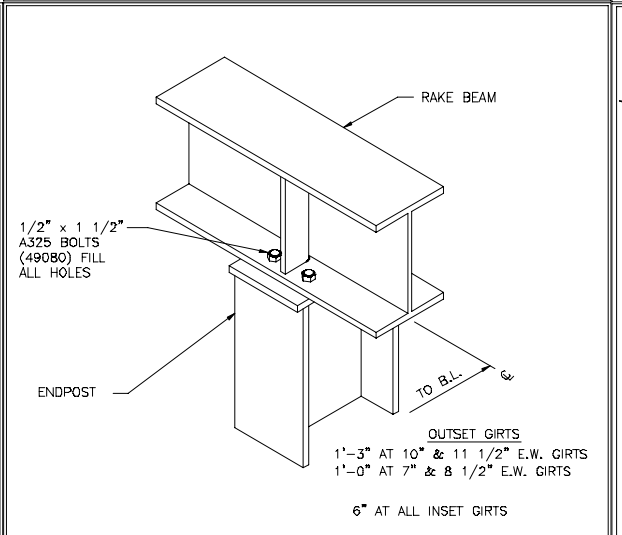
ROWS OUT

ROWS IN

A325 BOLTS SEE ERECTION DRAWINGS FOR EXACT SIZE. FILL ALL HOLES

REV. DATE:07/01/09 REV. NO. 00
PF03A1

RAFTER BEAM CONNECTION
RAKE BEAM OR FULL FRAME



RAKE BEAM

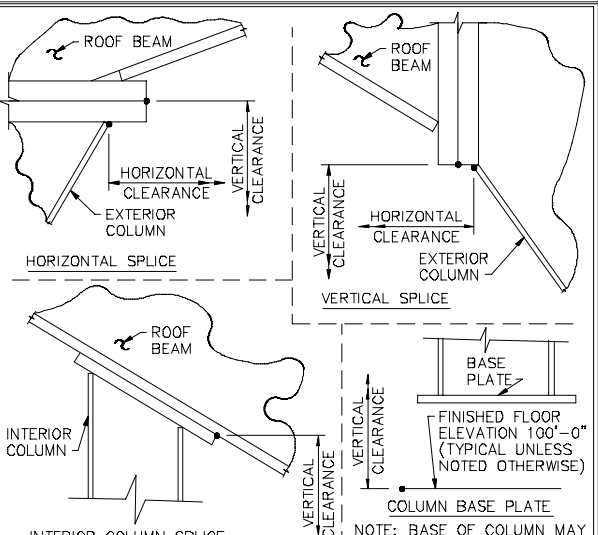
1/2" x 1 1/2" A325 BOLTS (49080) FILL ALL HOLES

ENDPOST

OUTSET GIRTS
1'-3" AT 10" & 11 1/2" E.W. GIRTS
1'-0" AT 7" & 8 1/2" E.W. GIRTS
6" AT ALL INSET GIRTS

REV. DATE:07/01/09 REV. NO. 00
PF10C2

RAKE BEAM CONNECTION
TO ENDPOST



ROOF BEAM

EXTERIOR COLUMN

INTERIOR COLUMN

HORIZONTAL SPlice

VERTICAL SPlice

HORIZONTAL CLEARANCE

VERTICAL CLEARANCE

COLUMN BASE PLATE

NOTE: BASE OF COLUMN MAY NOT BE AT FINISHED FLOOR

FINISHED FLOOR ELEVATION 100'-0" (TYPICAL UNLESS NOTED OTHERWISE)

BASE PLATE

REV. DATE:06/12/16 REV. NO. 00
PFR007

CLEAR HEIGHT DIMENSION WORK POINTS
AS SHOWN ON FRAME CROSS SECTION DRAWINGS

1. Use 1/2 x 1 1/2 A325T Bolt (49080) and Nut (47120) w/o washers. Snug tighten bolts for all secondary connections, secondary clip connections, and flange brace connections, unless noted otherwise.

2. Slot reinforcement plates need not be located on the same side of the web as the hillside washer.

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B

VP Buildings
3200 Players Club Circle Memphis TN 38125

Rev	Date	By	Description
NTS			

11/3/2025 SEDSheet 13:06:33

PRIMARY BRACING SED'S

Builder	GREGORY DEVELOPMENT, LLC
Customer	Matt Johnson
Location	Fuquay Varina, North Carolina
Project	Revels Tractor Storage Shed
Builder's PO#	



VP BUILDINGS
VARCO PRUDEN

VPC Version: 25.2.0

Job #	25-026052-01
Date	11/07/2025
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Filename: 2176-26-0239_Revels Tractor Storage Shed

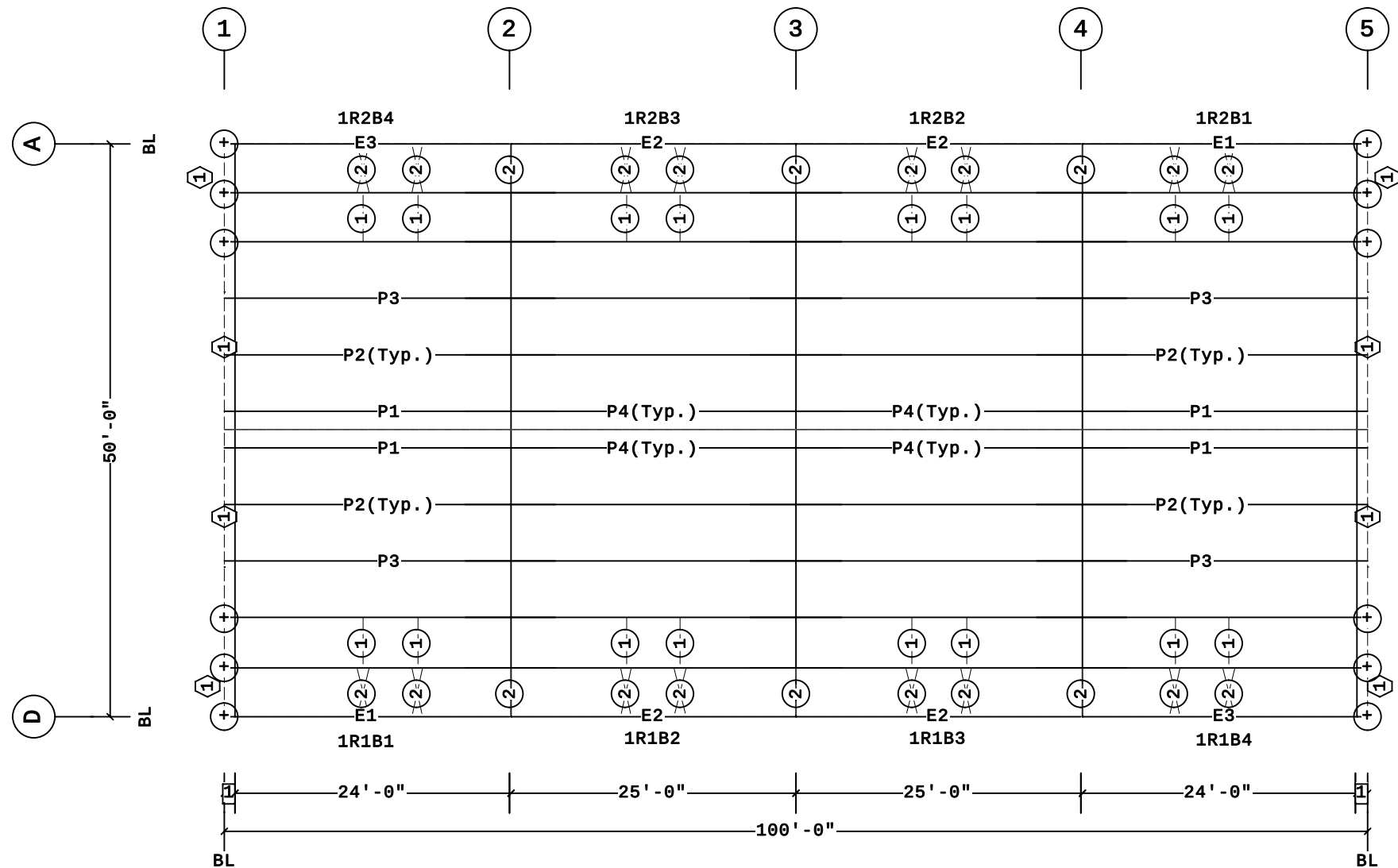
11/10/2025

FOR CONSTRUCTION

Mark	Part	Thick.	Depth	Lap	Detail
E1	00108ES2411417B02	0.0600	8 1/2"		RS12PH, RS12PA
E2	08E2411417DDB02	0.0600	8 1/2"		RS12PA
E3	00208ES2411417B02	0.0600	8 1/2"		RS12PH, RS12PA
P1	08Z2811414A5B0	0.0790	8 1/2"	3' -10 1/2"	RS02T1, RS01T1
P2	08Z2811413A5B0	0.0880	8 1/2"	3' -10 1/2"	RS02T1, RS01T1, RS03J1
P3	08Z2811412A5B0	0.0980	8 1/2"	3' -10 1/2"	RS02T1, RS01T1
P4	08Z321141755B0	0.0600	8 1/2"	3' -10 1/2"	RS01T1

Id	Qty	Mark No	Spacing
1	16	CPBB040514(Typ.)	4' -4 3/8"
2	38	PBA0408	4' -4 3/8"

BR09JH, BR09JG, BR09JR, BR09RY, BR09RZ
BR09K5, BR09K2



1	1'-0"	1	RKC15
☐	Dimension Key	(+)	SSR Fixed Clip Location

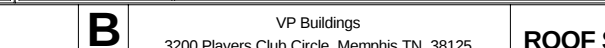
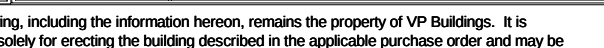
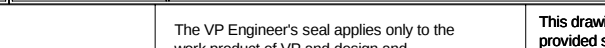
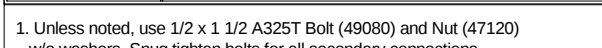
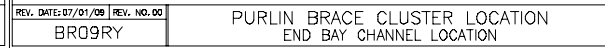
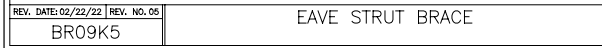
Shape Name = Storage Shed

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Rev	Date	By	Description
NTS			

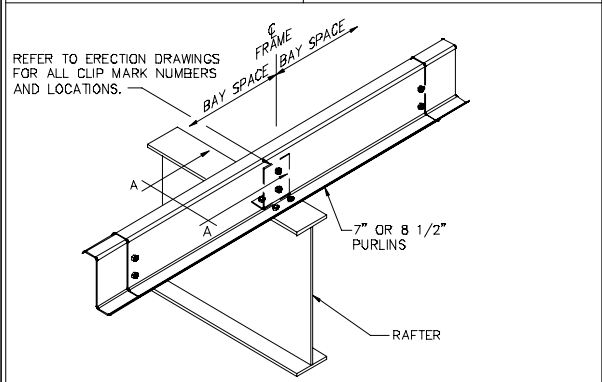
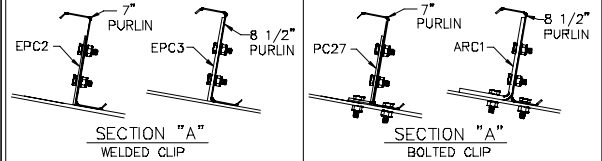
Job #
25-026052-01
Date
11/07/2025
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FRP AC
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Filename: 2176-26-0239 Revels Tractor Storage Shed-1



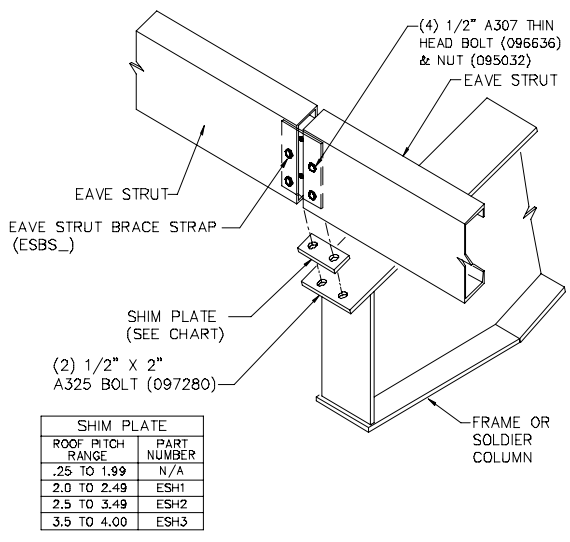
FOR CONSTRUCTION

Filename: 2176-26-0239_Revels Tractor Storage Shed-F



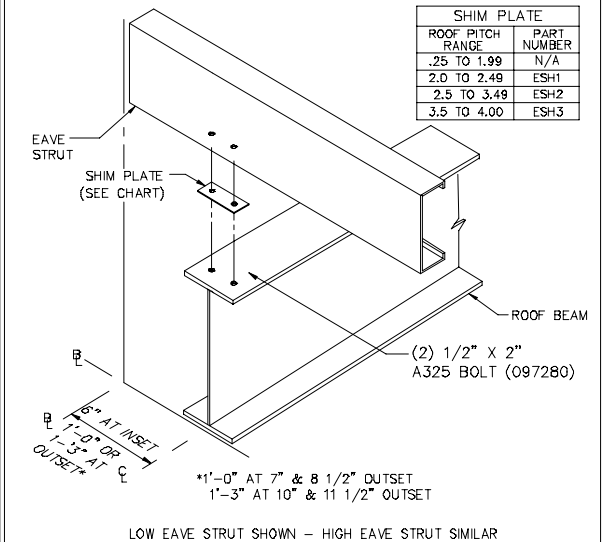
REV. DATE:06/11/14 REV. NO.04
RS03J1

ANTI-ROLL PURLIN CLIPS
WHEN REQUIRED BY DESIGN



REV. DATE:07/20/16 REV. NO.03
RS12PA

EAVE STRUT CONNECTION
AT INTERIOR FRAME



REV. DATE:03/26/15 REV. NO.01
RS12PH

EAVE STRUT CONNECTION
AT END FRAME



11/10/2025

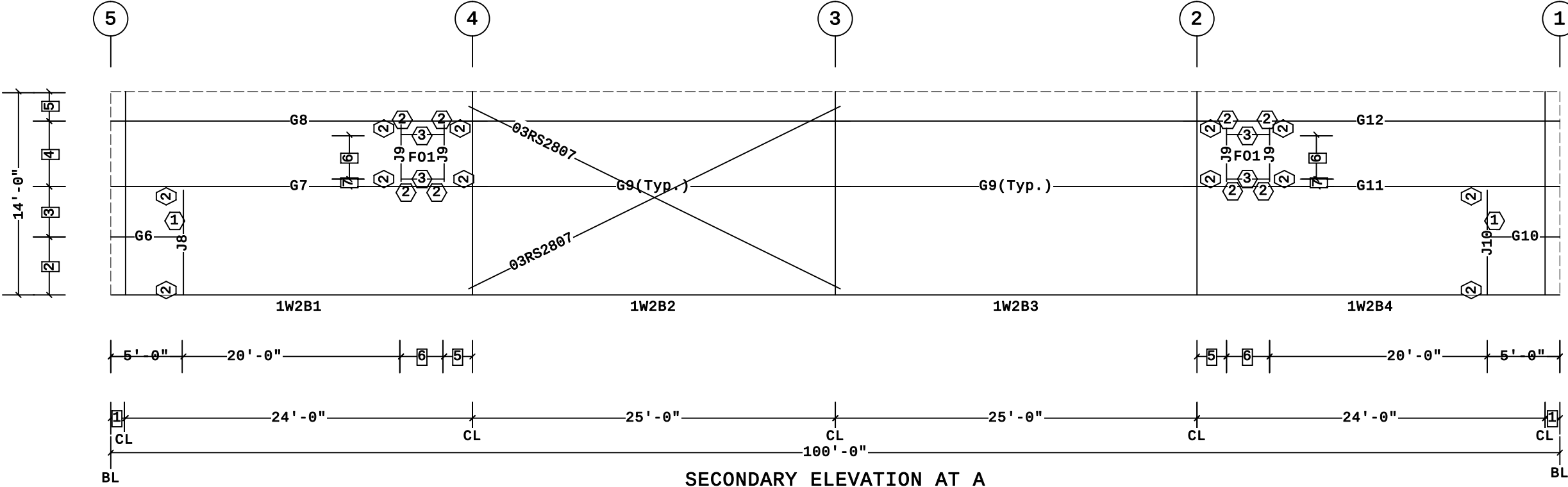
FOR CONSTRUCTION

1. Unless noted, use 1/2 x 1 1/2 A325T Bolt (49080) and Nut (47120) w/o washers. Snug tighten bolts for all secondary connections. 2. Flange Braces are an integral part of the stability of the structural system and must be properly installed prior to erection of wall and roof sheets. 3. Removal or alteration of any component is prohibited.	The VP Engineer's seal applies only to the work product of VP and design and performance requirements specified by VP. The VP Engineer's seal does not apply to the performance or design of any other product or component furnished by VP except to any design or performance requirements specified by VP.	This drawing, including the information hereon, remains the property of VP Buildings. It is provided solely for erecting the building described in the applicable purchase order and may be reproduced only for that purpose. It shall not be modified, reproduced or used for any other purpose without prior written approval of VP Buildings. The general contractor and/or erector is solely responsible for accurate good quality workmanship in erecting this building in accordance with this drawing, details referenced in this drawing, all applicable VP Buildings erection guides, and industry standards pertaining to proper erection, including the correct use of temporary bracing.	B VP Buildings 3200 Players Club Circle Memphis TN 38125	ROOF SECONDARY SED'S (b)			
				Builder	GREGORY DEVELOPMENT, LLC		
				Customer	Matt Johnson		
				Location	Fuquay Varina, North Carolina		
				Project	Revels Tractor Storage Shed		
Builder's PO#				 VPC Version: 25.2.0	Job # 25-026052-01 Date 11/07/2025 Drawn/Check FRP AOC Page 14		
NTS							
11/3/2025 SEDSheet 13:06:37							
Filename:				2176-26-0239_Revels Tractor Storage Shed			

Secondary Part Schedule					Detail
Mark	Part	Thick.	Depth	Lap	
G6	00508ZS040841700	0.0600	8 1/2"		WS12A2, BR10F5, WS20F2
G7	00608ZS251141700	0.0600	8 1/2"	10 1/2"	WS12A2, WSR065, WS01G3
G8	00708ZS251141700	0.0600	8 1/2"	10 1/2"	WS12A2, WSR065, WS01G3
G9	08Z26114171100	0.0600	8 1/2"	10 1/2"	WSR065, WS01G3
G10	00808ZS040841700	0.0600	8 1/2"		WS12A2, BR10F5, WS20F2
G11	00908ZS251141700	0.0600	8 1/2"	10 1/2"	WS12A2, BR10F5, WSR065, WS01G3
G12	01008ZS251141700	0.0600	8 1/2"	10 1/2"	WS12A2, WSR065, WS01G3
H3	01108JS0300017	0.0600	8 1/2"		WS20F9, WS20FB
J8	00908JS0702217	0.0600	8 1/2"		BR10F5, WS20B2, WS20B8
J9	01008JS0310417	0.0600	8 1/2"		WS20FB, WS20F9, WS20B2, WS20H2
J10	01208JS0702217	0.0600	8 1/2"		BR10F5, WS20B2, WS20B8

Framed Opening Locations							
Id	Width	Height	Sill Ht.	Frame	To	Dimen.	Description
F01	3'-0"	3'-0"	8'-0"	1	Jamb-L	19'-0"	3x3 Louver
F01	3'-0"	3'-0"	8'-0"	4	Jamb-L	2'-0"	3x3 Louver

Bracing Part Schedule				Detail
Part	Qty	Length		
03RS2807	2	28'-7"		BR01G2



NOTE:
- CLIPS FOR (J9) JAMBS AND (H3) SILLS USE THE SAME HOLE FOR CONNECTION.

7	6"		
6	3'-0"		
5	2'-0"		
4	4'-6"		
3	3'-6"	3	H3
2	4'-0"	2	PG1
1	1'-0"	1	JTG1
Dimension Key		Part Mark Key	



Shape Name = Storage Shed, Wall = 2

FOR CONSTRUCTION

1. Unless noted, use 1/2 x 1 1/2 A325T Bolt (49080) and Nut (47120) w/o washers. Snug tighten bolts for all secondary connections.
2. Flange Braces are an integral part of the stability of the structural system and must be properly installed prior to erection of wall and roof sheets.
3. Removal or alteration of any component is prohibited.

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VP Buildings			
3200 Players Club Circle Memphis TN 38125			
Rev	Date	By	Description
NTS			

SECONDARY ELEVATION AT A

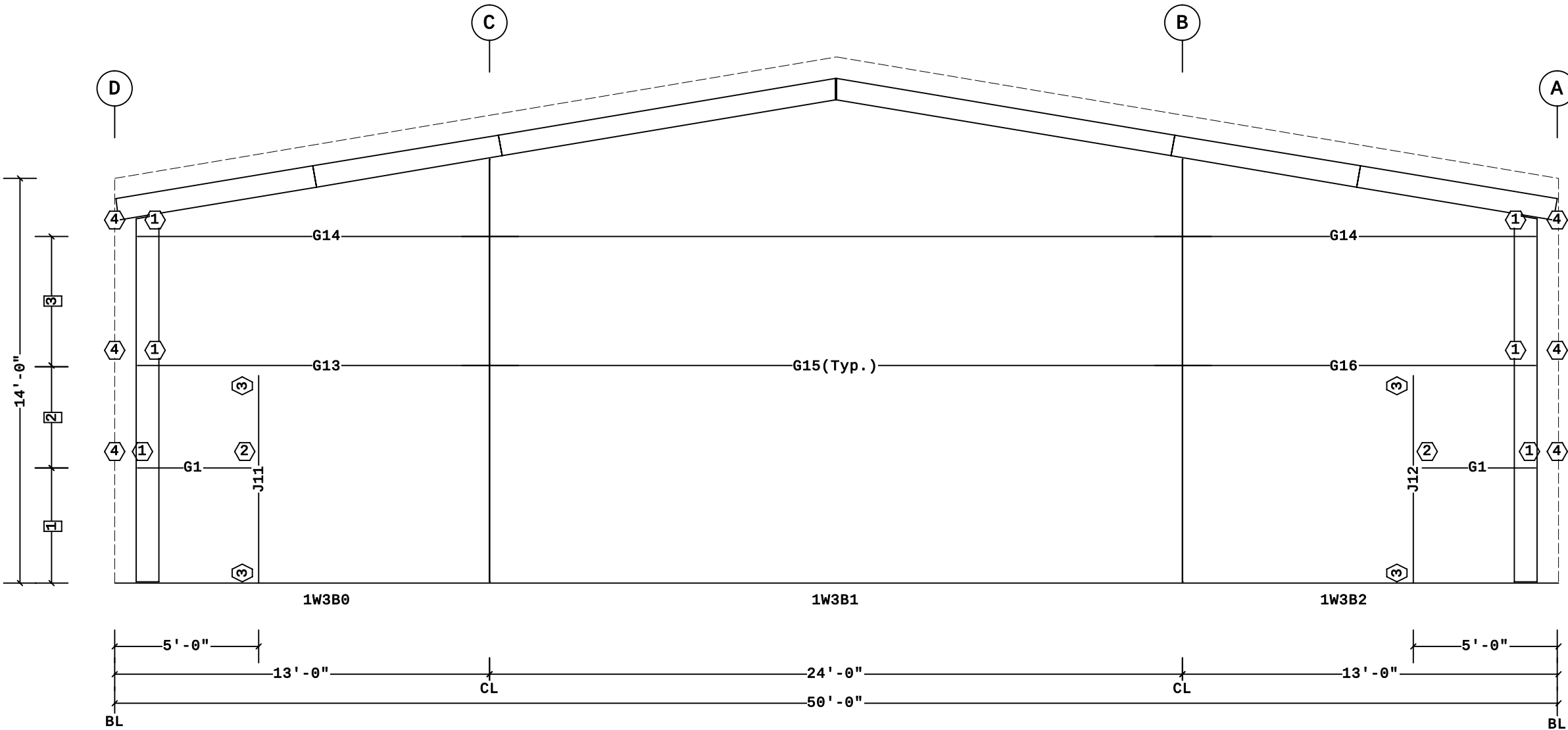
Builder	GREGORY DEVELOPMENT, LLC
Customer	Matt Johnson
Location	Fuquay Varina, North Carolina
Project	Revels Tractor Storage Shed
Builder's PO#	



VPC Version: 25.2.0

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Secondary Part Schedule					
Mark	Part	Thick.	Depth	Lap	Detail
G1	00108ZS031141700	0.0600	8 1/2"		WS12A2, BR10F5, WS20F2
G13	01108ZS130241700	0.0600	8 1/2"	10 1/2"	WS12A2, BR10F5, WSR065, WS01G3
G14	08Z1302417Q100	0.0600	8 1/2"	10 1/2"	WS12A2, WSR065, WS01G3
G15	08Z25114171100	0.0600	8 1/2"	10 1/2"	WSR065, WS01G3
G16	01208ZS130241700	0.0600	8 1/2"	10 1/2"	WS12A2, BR10F5, WSR065, WS01G3
J11	01308JS0702217	0.0600	8 1/2"		BR10F5, WS20B2, WS20B8
J12	01408JS0702217	0.0600	8 1/2"		BR10F5, WS20B2, WS20B8



SECONDARY ELEVATION AT 5

- 3

4'-6"
- 2

3'-6"
- 1

4'-0"
- Dimension Key
- 4

GFA106
- 3

PG1
- 2

JTG1
- 1

VCC07003090
- Part Mark Key



11/10/2025

Shape Name = Storage Shed, Wall = 3

FOR CONSTRUCTION

1. Unless noted, use 1/2 x 1 1/2 A325T Bolt (49080) and Nut (47120) w/o washers. Snug tighten bolts for all secondary connections.
2. Flange Braces are an integral part of the stability of the structural system and must be properly installed prior to erection of wall and roof sheets.
3. Removal or alteration of any component is prohibited.

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B

VP Buildings
3200 Players Club Circle Memphis TN 38125

SECONDARY ELEVATION AT 5

Rev	Date	By	Description
NTS			

Builder	GREGORY DEVELOPMENT, LLC
Customer	Matt Johnson
Location	Fuquay Varina, North Carolina
Project	Revels Tractor Storage Shed
Builder's PO#	



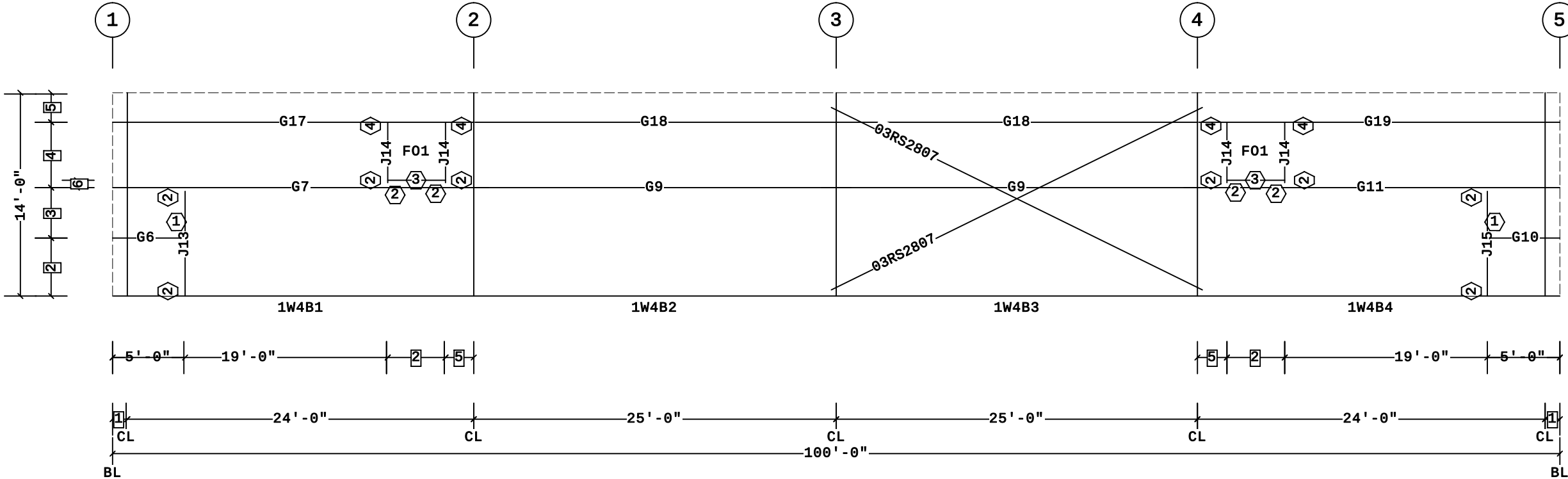
VPC Version: 25.2.0

Job #	25-026052-01
Date	11/07/2025
Drawn/Check	FRP AOC
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Secondary Part Schedule					
Mark	Part	Thick.	Depth	Lap	Detail
G6	00508ZS040841700	0.0600	8 1/2"		WS12A2, BR10F5, WS20F2
G7	00608ZS251141700	0.0600	8 1/2"	10 1/2"	WS12A2, WSR065, WS01G3
G9	08Z26114171100	0.0600	8 1/2"	10 1/2"	WSR065, WS01G3
G10	00808ZS040841700	0.0600	8 1/2"		WS12A2, BR10F5, WS20F2
G11	00908ZS251141700	0.0600	8 1/2"	10 1/2"	WS12A2, BR10F5, WSR065, WS01G3
G17	00108CS241141700	0.0600	8 1/2"		WS12A2, WSR065, WS01G2
G18	08C2411417DD00	0.0600	8 1/2"		WSR065, WS01G2
G19	00208CS241141700	0.0600	8 1/2"		WS12A2, WSR065, WS01G2
H4	01708JS0400017	0.0600	8 1/2"		WS20F9
J13	01508JS0702217	0.0600	8 1/2"		BR10F5, WS20B2, WS20B8
J14	01608JS0402017	0.0600	8 1/2"		WS20FB, WS20B1, WS20H2
J15	01808JS0702217	0.0600	8 1/2"		BR10F5, WS20B2, WS20B8

Framed Opening Locations								
Id	Width	Height	Sill Ht.	Frame	To	Dimen.	Description	
F01	4'-0"	4'-0"	8'-0"	1	Jamb-L	18'-0"	4x4 Louver	
F01	4'-0"	4'-0"	8'-0"	4	Jamb-L	2'-0"	4x4 Louver	

Bracing Part Schedule			
Part	Qty	Length	Detail
03RS2807	2	28'-7"	BR01G2



SECONDARY ELEVATION AT D

NOTE:
- CLIPS FOR (J14) JAMBS AND (H4) SILLS USE THE SAME HOLE FOR CONNECTION.

- 66"

52'-0"

44'-6"

33'-6"

24'-0"

11'-0"

Dimension Key
- 4GC5

3H4

2PG1

1JTG1

Part Mark Key



11/10/2025

FOR CONSTRUCTION

1. Unless noted, use 1/2 x 1 1/2 A325T Bolt (49080) and Nut (47120) w/o washers. Snug tighten bolts for all secondary connections.
2. Flange Braces are an integral part of the stability of the structural system and must be properly installed prior to erection of wall and roof sheets.
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B VP Buildings
3200 Players Club Circle Memphis TN 38125

Rev	Date	By	Description

NTS

SECONDARY ELEVATION AT D

Builder	GREGORY DEVELOPMENT, LLC
Customer	Matt Johnson
Location	Fuquay Varina, North Carolina
Project	Revels Tractor Storage Shed
Builder's PO#	



VPC Version: 25.2.0

Job #	25-026052-01
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Diagram showing the assembly of a rod brace web slot. Components include: COLUMN OR BEAM WEB, HEX NUT, WASHER "A", WASHER "B", HILLSIDE WASHER, ROD, and WEB REINFORCEMENT PLATE (IF PRESENT) MAY BE SHOP WELDED ON EITHER SIDE OF THE WEB.

DESCRIPTION/PART NO				
ROD DIAM	NUT	HARD STEEL ROUND WASHER A	HARD STEEL WASHER B	HILLSIDE WASHER
3/8"	95321	3/8" FLAT WASHER (95408)	1/2" BEVEL SQUARE WASHER (46040)	543334
1/2"	95230	1/2" FLAT WASHER (95872)	3/4" FLAT ROUND WASHER (95946)	
5/8"	95233	5/8" FLAT WASHER (95945)		
3/4"	95235	3/4" FLAT WASHER (95946)		
7/8"	95237	7/8" FLAT WASHER (95947)	1" FLAT ROUND WASHER (95948)	543335
1"	95238	1" FLAT WASHER (95948)		
1 1/8"	95239	1 1/8" FLAT WASHER (95949)	1 1/8" FLAT ROUND WASHER (95949)	543336

REV. DATE:06/02/17 REV. NO. 04
BR01G2 ROD BRACE WEB SLOT ASSEMBLY

Diagram showing typical flange brace connections. Components include: BRACE LOCATION, FRAME LOCATION, ROOF SECONDARY MEMBER, FLANGE BRACE (GFB-) OR (HFB-), CLIP REQ'D W/ THICK FLANGES, and ALTERNATE CONNECTIONS.

FIELD NOTE: THE BUILDER WILL HAVE TO FIELD REAM-OUT THE 9/16" DIA. HOLE IN THE SECONDARY MEMBERS TO 13/16" DIA. HOLES. (FOR THE 12MBD FLANGE BRACE WITH A 3/4" X 2 1/2" A325 BOLT WHEN REQUIRED.)

FLANGE BRACE REQUIREMENTS:

- RULE#1- ALL FLANGE BRACES ON CROSS SECTIONS MUST BE INSTALLED.
- RULE#2- SINGLE FLANGE BRACES ARE REQUIRED WHEN PART MARK ON CROSS SECTION IS NOT ACCOMPANIED BY (2).
- RULE#3- FLANGE BRACES ARE REQUIRED BOTH SIDES OF THE FRAME WEB WHEN PART MARK IS ACCOMPANIED BY (2).
- RULE#4- WHENEVER POSSIBLE, PLACE SINGLE BRACES TOWARD THE CENTER OF THE BUILDING.
- RULE#5- WHENEVER POSSIBLE, PLACE ALL SINGLE BRACES ON THE SAME SIDE OF THE FRAME WEB.

** 10" & 11 1/2" PURLINS REQUIRE 3 BOLTS AT EACH END OF PURLIN LAP.

REV. DATE:06/06/16 REV. NO. 02
BR06AE TYPICAL FLANGE BRACE CONNECTIONS CONT. PURLIN LAP SHOWN, CONT. GIRT & SIMPLE PURLIN

Diagram showing corner zone bracing wall plan view (jamb support). Components include: STANDARD GIRT, CORNER POST, SUB GIRT, SUB JAMB (TYPICAL), CLIP (PG1) W/ (4) 1/2" A325 BOLTS (49080) TYPICAL, and SUB JAMB LOCATION PER DESIGN.

WALL PANEL MUST BE ATTACHED TO SUB GIRTS WITH STRUCTURAL FASTENERS AT STANDARD LOCATIONS (WALL PANEL DOES NOT ATTACH TO SUB JAMB).

SUB GIRT TO SUB JAMB CLIP		SUB JAMB DEPTH	
7"	JTG3	8 1/2"	JTG6
8 1/2"	JTG1	10"	JTG5
10"			JTG4
11 1/2"			JTG2

SECTION 'A'

REV. DATE:07/10/24 REV. NO. 03
BR10F5 CORNER ZONE BRACING WALL PLAN VIEW (JAMB SUPPORT)

Diagram showing secondary part mark number common generated mark numbers. Components include: ADJUST. CODES, GAGE, EIGHTHS INCHES, LENGTH FEET (millimeters), SHAPE, and DEPTH.

DEPTH	SHAPE	GAGE
07 = 7"	Z = ZEE	11 = 0.113
08 = 8 1/2"	C = CEE	12 = 0.098
10 = 10"	E = LOW EAVE STRUT	13 = 0.088
11 = 11 1/2"	H = HIGH EAVE STRUT	14 = 0.079
		15 = 0.073
		16 = 0.068
		17 = 0.060

REV. DATE:07/01/09 REV. NO. 02
EN51B1 SECONDARY PART MARK NUMBER COMMON GENERATED MARK NUMBERS

Diagram showing special secondary part mark key common generated mark numbers. Components include: ADJUST. CODES, GAGE, EIGHTHS INCHES, LENGTH FEET (millimeters), SHAPE, DEPTH, and COUNTER.

DEPTH	SHAPE	GAGE
07 = 7"	ZS = ZEE	11 = 0.113
08 = 8 1/2"	CS = CEE	12 = 0.098
10 = 10"	ES = LOW EAVE STRUT	13 = 0.088
11 = 11 1/2"	HS = HIGH EAVE STRUT	14 = 0.079
	BB = BACK TO BACK CEE	15 = 0.073
	FB = FACE TO BACK CEE	16 = 0.068
	FF = FACE TO FACE CEE	17 = 0.060

REV. DATE:07/01/09 REV. NO. 03
EN51B2 SPECIAL SECONDARY PART MARK KEY COMMON GENERATED MARK NUMBERS

Diagram showing erection drawing part mark. Components include: BAY NUMBER, CANOPY (C)/PARTITION(P)/ROOF(R)/WALL(W) NUMBER, and BUILDING SHAPE.

THE BAY/BUNDLE CODE IDENTIFIES THE BUILDING CANOPY/PARTITION/ROOF/WALL PLANE AND BAY

REV. DATE:01/31/13 REV. NO. 01
EN51B3 SECONDARY BUNDLE LOCATION KEY ALL SECONDARY DEPTHS

Diagram showing purlin and girt sizes. Components include: 2 1/2", 2 5/8", 8 1/2", and 48" LIP.

REV. DATE:07/01/09 REV. NO. 00
EN53F1 PURLIN AND GIRT SIZES 8 1/2" 216mm

Diagram showing girt connection at column outset simple girts. Components include: ZEE GIRT SHOWN, CEE GIRT SIMILAR, 7" & 8 1/2" GIRT CLIP (PG1), 10" & 11 1/2" GIRT CLIP (GCD-), and MAY BE SHOP WELDED (GC1 OR GCA-).

REV. DATE:07/01/09 REV. NO. 00
WS01G2 GIRT CONN. AT COLUMN OUTSET SIMPLE GIRTS

Diagram showing girt connection at column outset continuous girt. Components include: ZEE GIRT, GIRT CLIP (PG1) MAY BE SHOP WELDED (GC1 OR GCA-), and 7" & 8 1/2" GIRT.

REV. DATE:01/20/11 REV. NO. 01
WS01G3 GIRT CONN. AT COLUMN OUTSET CONTINUOUS GIRT

Diagram showing girt connection at corner column any outset girt at ew, any girt at sw. Components include: CORNER COLUMN, ENDWALL GIRT, CORNER GIRT CLIP (VCC-), GIRT CLIP (BOLTED) (PG1) (GC1) AT 7" GIRT, GIRT CLIP (PG1) (GC1) AT 8 1/2" GIRT, GIRT CLIP (GCD-) (GCA-) AT 10" GIRT, GIRT CLIP (GCD-) (GCA-) AT 11 1/2" GIRT, DIM A, DIM A: 1'-0" AT 7" & 8 1/2" GIRTS, 1'-3" AT 10" & 11 1/2" GIRTS OR GREATER FOR SPECIAL FRAME SETBACKS, and NOTE: FIELD NOTCH ENDWALL GIRT FLANGE WHEN CORNER COLUMN FLANGE INTERFERES WITH ENDWALL GIRTS.

REV. DATE:04/05/17 REV. NO. 03
WS12A2 GIRT CONN. AT CORNER COLUMN ANY OUTSET GIRT AT EW, ANY GIRT AT SW

Diagram showing jamb to girt connection. Components include: OPTION FOR FDS UP TO 9' X 9' USE (3) 1/4"-14 X 1 1/4" SDS (55307) LOCATED APPROX AS SHOWN, NO CLOSER THAN 3/8" FROM EDGE OF CLIP OR HOLES, SCREW SPACING NOT LESS THAN 3/4" APART, FIELD LOCATE AND DRILL (2) 9/16" DIAMETER HOLES IN ZEE GIRT TO ATTACH JAMB (2) 1/2" X 1 1/2" A325 BOLT (49080), CEE GIRT (JAMB SUPPORT GIRT), CLIP (GC5), SECOND CEE ON A DOUBLE JAMB IS HELD BACK 6" FROM EACH END OF MAIN JAMB, JAMB, SINGLE OR DOUBLE, JAMB CAN BE 1 1/2" DEEPER THAN THE JAMB SUPPORT GIRT. (ONLY EXCEPTION: 11 1/2" JAMB CAN BE USED W/ 8 1/2" GIRT) ALIGN JAMB AND GIRT AT BL, and DOUBLE JAMB CONNECTION.

REV. DATE:02/15/24 REV. NO. 05
WS20B1 JAMB TO GIRT ANY JAMB, ANY CEE GIRT

Diagram showing jamb to girt connection. Components include: OPTION FOR FDS UP TO 9' X 9' USE (3) 1/4"-14 X 1 1/4" SDS (55307) LOCATED APPROX AS SHOWN, NO CLOSER THAN 3/8" FROM EDGE OF CLIP OR HOLES, SCREW SPACING NOT LESS THAN 3/4" APART, FIELD LOCATE AND DRILL (2) 9/16" DIAMETER HOLES IN ZEE GIRT TO ATTACH JAMB (2) 1/2" X 1 1/2" A325 BOLT (49080), ZEE GIRT (JAMB SUPPORT GIRT), (2) 1/2" A307 THIN HEAD BOLT (096636) & NUT (095032), JAMB, SINGLE OR DOUBLE, JAMB CAN BE 1 1/2" DEEPER THAN THE JAMB SUPPORT GIRT. (ONLY EXCEPTION: 11 1/2" JAMB CAN BE USED W/ 8 1/2" GIRT) ALIGN JAMB AND GIRT AT BL, PG1 CLIP = 3 3/4" AT 7", 8 1/2", 10" GIRTS, and PGV1067 CLIP = 4 3/4" AT 11 1/2" GIRTS.

REV. DATE:02/15/24 REV. NO. 04
WS20B2 JAMB TO GIRT SINGLE OR DOUBLE JAMB, ANY ZEE GIRT

Diagram showing jamb to rake beam connection. Components include: FIELD LOCATE AND DRILL (2) 9/16" DIAMETER HOLES IN RAKE BEAM TO ATTACH (DJC1-), SECOND CEE ON A DOUBLE JAMB IS HELD BACK 6" FROM EACH END OF MAIN JAMB, DOOR JAMB CLIP (DJC1-), GIRT ELEVATION SEE SECTION BELOW, JAMB, SINGLE OR DOUBLE, JAMB CAN BE 1 1/2" DEEPER THAN THE JAMB SUPPORT GIRT. (ONLY EXCEPTION: 11 1/2" JAMB CAN BE USED W/ 8 1/2" GIRT) ALIGN JAMB AND GIRT AT BL, and PGV1067 CLIP = 4 3/4" AT 11 1/2" GIRTS.

REV. DATE:07/01/09 REV. NO. 00
WS20B5 JAMB TO RAKE BEAM ANY JAMB, OUTSET ENDWALL

Diagram showing jamb base attachment. Components include: JAMB, SINGLE OR DOUBLE, JAMB BASE CLIP (PG1), 1/2" ANCHOR RODS WITH HARDENED WASHER, CONCRETE FSNR AT 24" O.C. (BY BUILDER), BASE MEMBER, JAMB CAN BE 1 1/2" DEEPER THAN THE JAMB SUPPORT GIRT ALIGN JAMB AND GIRT AT BL, and SECTION A-A.

REV. DATE:07/01/09 REV. NO. 00
WS20B8 JAMB BASE ATTACHMENT SINGLE OR DOUBLE JAMB

Diagram showing jamb base attachment. Components include: JAMB, SINGLE OR DOUBLE, JAMB BASE CLIP (PG1), 1/2" ANCHOR RODS WITH HARDENED WASHER, CONCRETE FSNR AT 24" O.C. (BY BUILDER), BASE MEMBER, JAMB CAN BE 1 1/2" DEEPER THAN THE JAMB SUPPORT GIRT ALIGN JAMB AND GIRT AT BL, and SECTION A-A.

REV. DATE:07/01/09 REV. NO. 00
WS20B8 JAMB BASE ATTACHMENT SINGLE OR DOUBLE JAMB

- Unless noted, use 1/2 x 1 1/2 A325T Bolt (49080) and Nut (47120) w/o washers. Snug tighten bolts for all secondary connections.
- Flange Braces are an integral part of the stability of the structural system and must be properly installed prior to erection of wall and roof sheets.
- Removal or alteration of any component is prohibited.

The VP Engineer's seal applies only to the work product of VP and design and performance requirements specified by VP. The VP Engineer's seal does not apply to the performance or design of any other product or component furnished by VP except to any design or performance requirements specified by VP.

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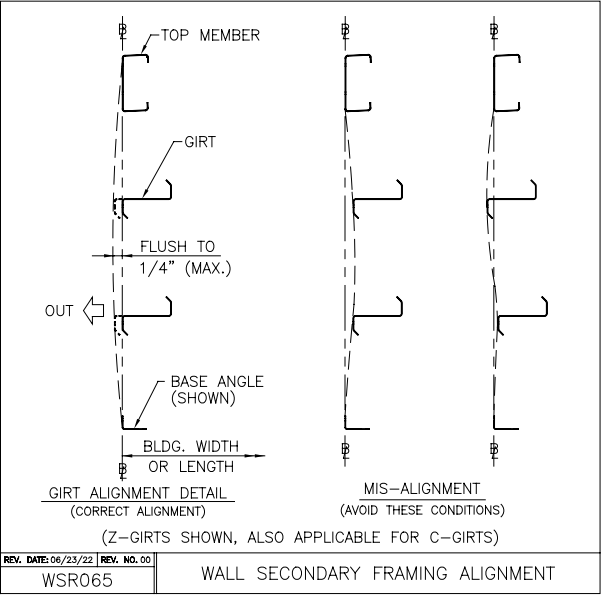
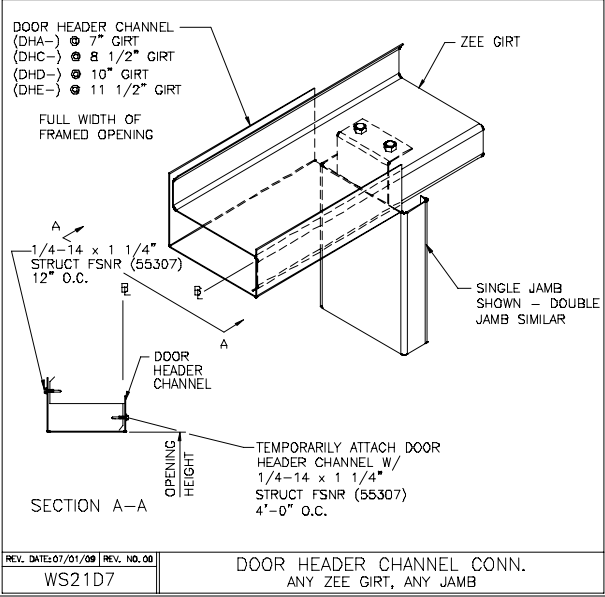
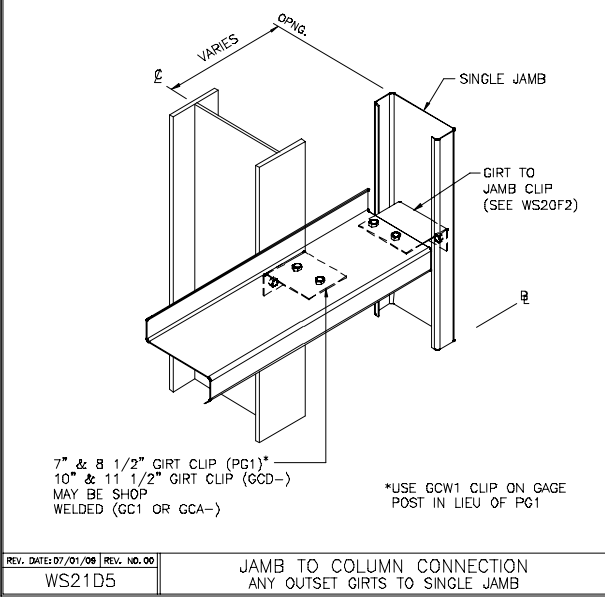
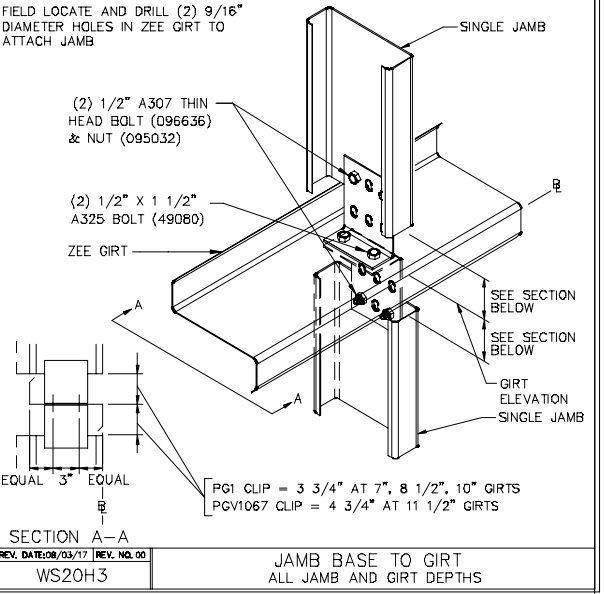
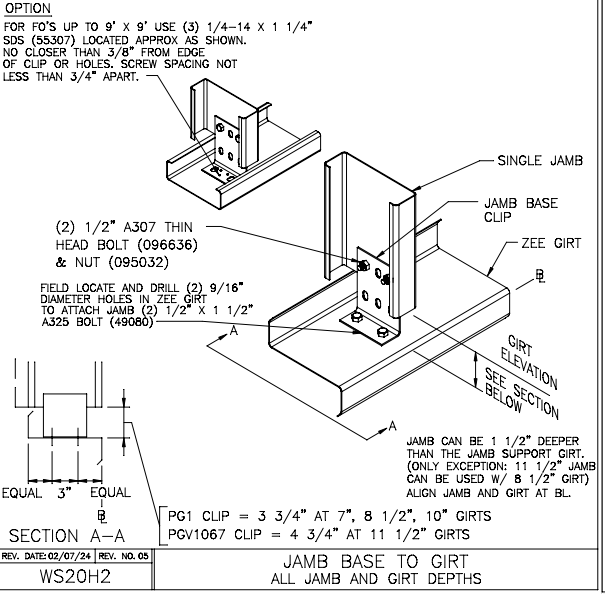
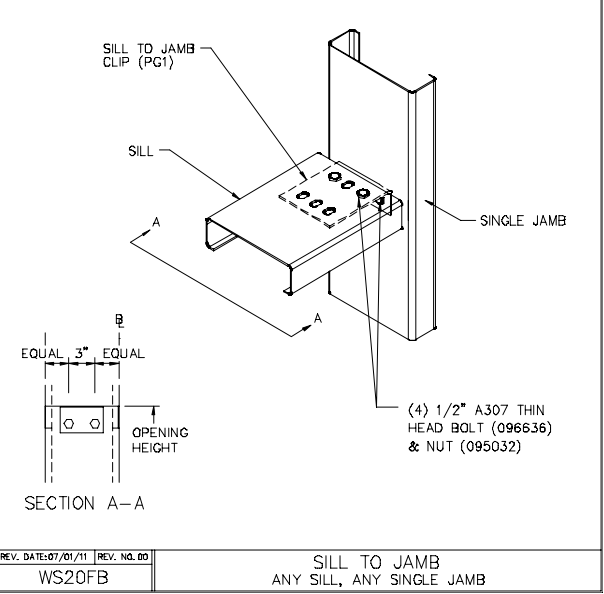
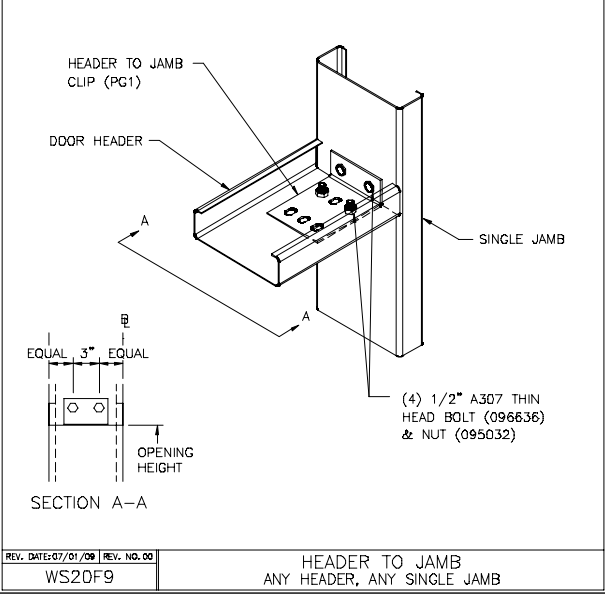
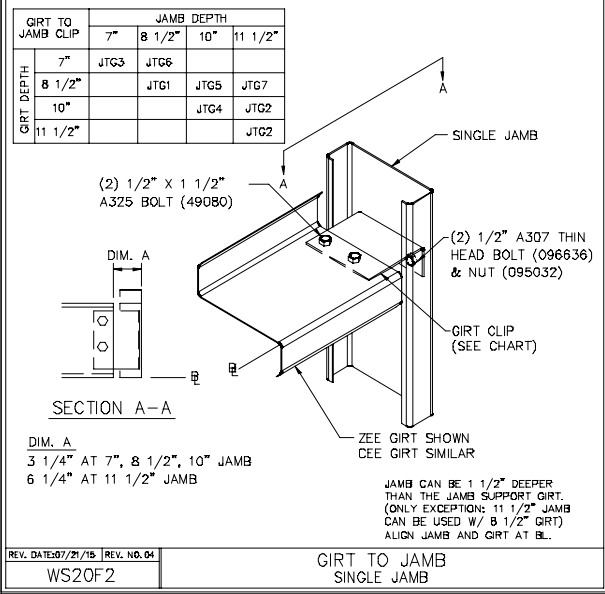
The general contractor and/or erector is solely responsible for accurate good quality workmanship in erecting this building in accordance with this drawing, details referenced in this drawing, all applicable VP Buildings erection guides, and industry standards pertaining to proper erection, including the correct use of temporary bracing.

B				VP Buildings		WALL SECONDARY SED'S (a)	
3200 Players Club Circle Memphis TN 38125				25-026052-01		11/07/2025	
Rev	Date	By	Description	Builder	GREGORY DEVELOPMENT, LLC	Customer	Matt Johnson
				Location	Fuquay Varina, North Carolina	Project	Revels Tractor Storage Shed
				Builder's PO#			
NTS				VPC Version:	25.2.0	Page	19

FOR CONSTRUCTION

11/10/2025

North Carolina Professional Engineer Seal 21119 Tracy W. McCrary



11/10/2025

FOR CONSTRUCTION

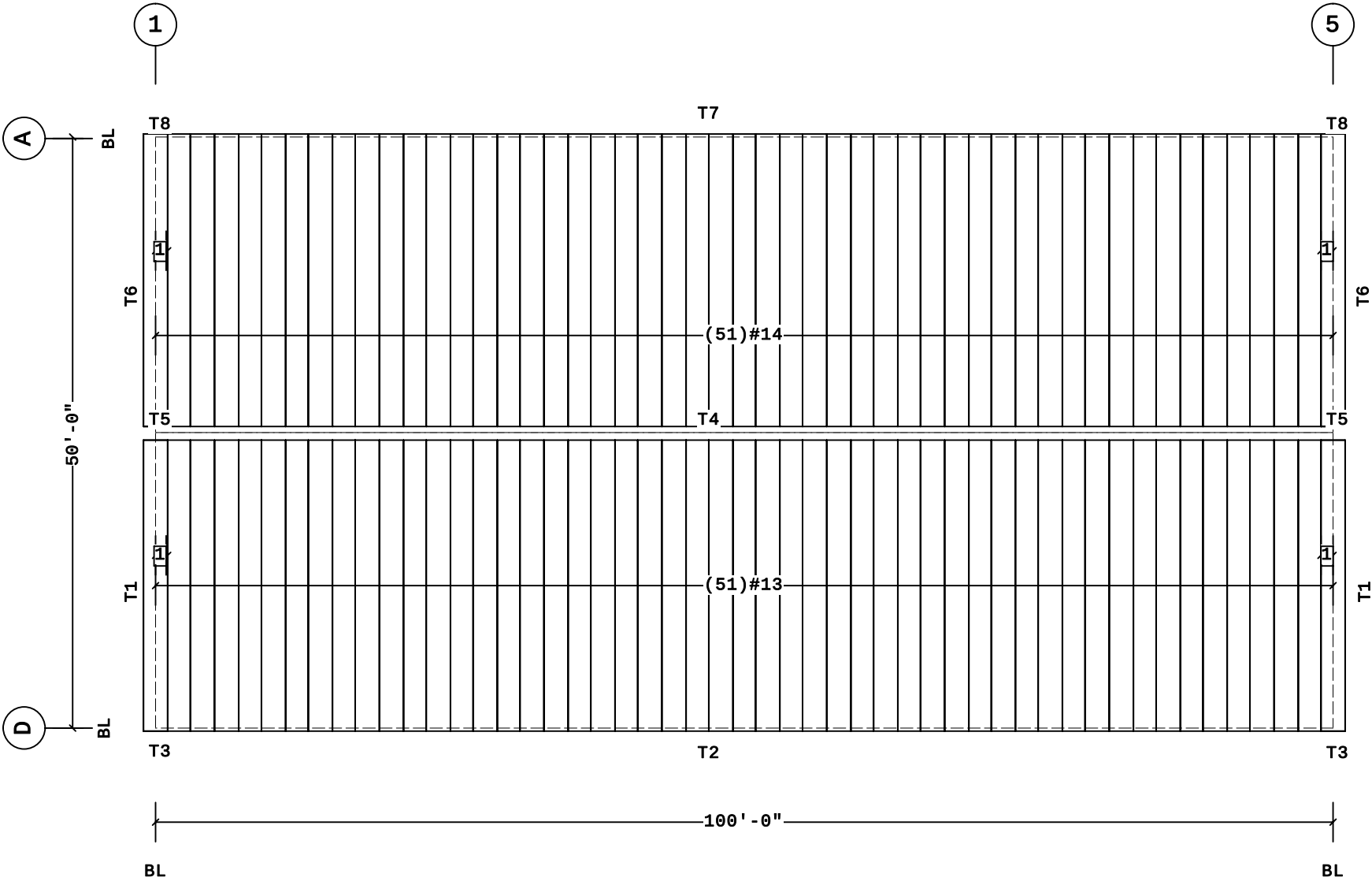
1. Unless noted, use 1/2 x 1 1/2 A325T Bolt (49080) and Nut (47120) w/o washers. Snug tighten bolts for all secondary connections. 2. Flange Braces are an integral part of the stability of the structural system and must be properly installed prior to erection of wall and roof sheets. 3. Removal or alteration of any component is prohibited.			The VP Engineer's seal applies only to the work product of VP and design and performance requirements specified by VP. The VP Engineer's seal does not apply to the performance or design of any other product or component furnished by VP except to any design or performance requirements specified by VP.			This drawing, including the information hereon, remains the property of VP Buildings. It is provided solely for erecting the building described in the applicable purchase order and may be reproduced only for that purpose. It shall not be modified, reproduced or used for any other purpose without prior written approval of VP Buildings. The general contractor and/or erector is solely responsible for accurate good quality workmanship in erecting this building in accordance with this drawing, details referenced in this drawing, all applicable VP Buildings erection guides, and industry standards pertaining to proper erection, including the correct use of temporary bracing.			B VP Buildings 3200 Players Club Circle Memphis TN 38125 <table><tr><th>Rev</th><th>Date</th><th>By</th><th>Description</th></tr><tr><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td></tr></table> NTS 11/3/2025 SEDSheet 13:06:44			Rev	Date	By	Description																	WALL SECONDARY SED'S (b) <table><tr><td>Builder</td><td>GREGORY DEVELOPMENT, LLC</td></tr><tr><td>Customer</td><td>Matt Johnson</td></tr><tr><td>Location</td><td>Fuquay Varina, North Carolina</td></tr><tr><td>Project</td><td>Revels Tractor Storage Shed</td></tr><tr><td>Builder's PO#</td><td> </td></tr></table> VPC Version: 25.2.0 VP BUILDINGS VARCO PRUDEN Job # 25-026052-01 Date 11/07/2025 Drawn/Check FRP AOC Page 20 Filename: 2176-26-0239_Revels Tractor Storage Shed Sheet 1 of 1			Builder	GREGORY DEVELOPMENT, LLC	Customer	Matt Johnson	Location	Fuquay Varina, North Carolina	Project	Revels Tractor Storage Shed	Builder's PO#	
Rev	Date	By	Description																																									
Builder	GREGORY DEVELOPMENT, LLC																																											
Customer	Matt Johnson																																											
Location	Fuquay Varina, North Carolina																																											
Project	Revels Tractor Storage Shed																																											
Builder's PO#																																												

Covering Mark Schedule			
Id	Qty	Start Panel	Direction
#13	51	S25005242KGL	Left to Right
#14	51	S25005242KGL	Right to Left

Covering Schedule								
Id	Qty	Length	Type	Gage	OP	Fin.	Color	Direction
#13	51	25'-0 5/8"	SSR	24	2	K	GL	Left to Right
#14	51	25'-0 5/8"	SSR	24	2	K	GL	Right to Left
Oper. Code:2=SQ,SQ								
Finish:K=KXL (Kynar)								
Color:GL=Cool Leaf Green								

Trim Schedule	
Id	Parts
T1	(3)RFR10-130,RKF16,RKF10,(3)RSB10,(3)RSC10
T2	(5)EG202,(10)PCA10A,(26)STR4
T3	BS1,FPRF1,GGC2,MCC1
T4	SRCF06,(10)SRCF10,SRCM06,(10)SRCM10
T5	SPC20,SRR2
T6	(3)RFR10-130,RKF16,RKF10,(3)RSB10,(3)RSC10
T7	(5)EG202,(10)PCA10A,(26)STR4
T8	BS1,FPRF1,GGC2,MCC1

Color		Details
Cool	Leaf Green	RC10A2,RC30A1,RS10L5
Cool	Leaf Green	RC32A1,RC38E1,RCV324,RCV536,WC04G1,WC11F1
Cool	Leaf Green	RC38N1
Cool	Leaf Green	RCV418,RCV419,RCV420,RCV421,RCV531
Cool	Leaf Green	RCV501,RCV502
Cool	Leaf Green	RC10A2,RC30A1,RS10L5
Cool	Leaf Green	RC32A1,RC38E1,RCV324,RCV536,WC04G1,WC11F1
Cool	Leaf Green	RC38N1



Dimension Key
1 1'-0" Starter Panel (Cut Dim. = 1'-1")

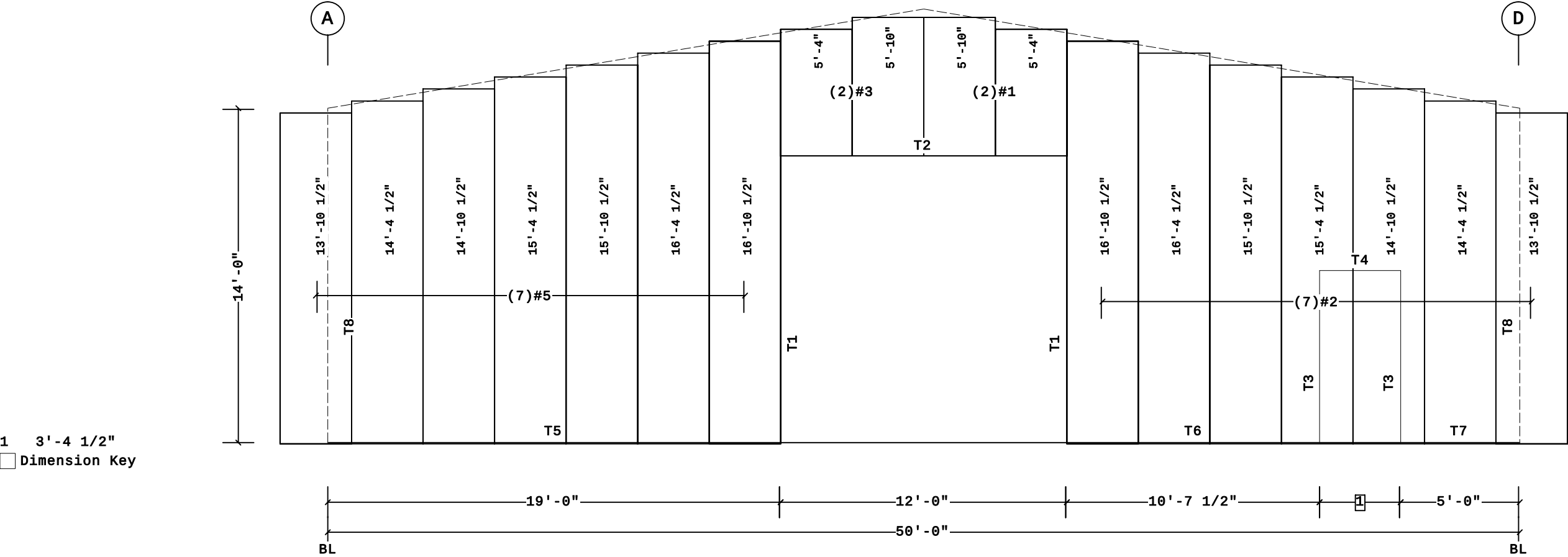


11/10/2025

FOR CONSTRUCTION

1. Pre-drilling 1/8 diameter holes for structural fasteners may be required for heavy gage nested zee's and/or fasteners to structural beams 2. Steel panels are an integral part of the structural system. removal or alteration without prior authorization is prohibited. 3. Due to manufacturing limitations short panels may require field cutting, see the covering schedule for cut lengths. 4. See job details for covering and trim fastener specification.	The VP Engineer's seal applies only to the work product of VP and design and performance requirements specified by VP. The VP Engineer's seal does not apply to the performance or design of any other product or component furnished by VP except to any design or performance requirements specified by VP.	This drawing, including the information hereon, remains the property of VP Buildings. It is provided solely for erecting the building described in the applicable purchase order and may be reproduced only for that purpose. It shall not be modified, reproduced or used for any other purpose without prior written approval of VP Buildings. The general contractor and/or erector is solely responsible for accurate good quality workmanship in erecting this building in accordance with this drawing, details referenced in this drawing, all applicable VP Buildings erection guides, and industry standards pertaining to proper erection, including the correct use of temporary bracing.	B VP Buildings 3200 Players Club Circle Memphis TN 38125	ROOF COVERING PLAN						
				Rev	Date	By	Description	Builder	GREGORY DEVELOPMENT, LLC	
								Customer	Matt Johnson	
								Location	Fuquay Varina, North Carolina	
								Project	Revels Tractor Storage Shed	
								Builder's PO#		
				NTS						
				VPC Version: 25.2.0						

Covering Mark Schedule										Trim Schedule				Color		Details	
Id	Qty	Start Panel	Last Panel	Increment	Direction			Start Dim.	Id	Parts							
#1	2	W05100261KWA	W05040261KWA	-6"	Left to Right from Peak			0'-0"	T1	DFT12, JT12			Cool Arctic White		WC24A1		
#2	7	W16104261KWA	W13104261KWA	-6"	Left to Right from Peak			6'-0"	T2	DFT12, HTS12			Cool Arctic White		WC24A2		
#3	2	W05100261KWA	W05040261KWA	-6"	Right to Left from Peak			0'-0"	T3	DFT10, JT07			Cool Arctic White		WC24A1		
#5	7	W16104261KWA	W13104261KWA	-6"	Right to Left from Peak			6'-0"	T4	DFT05, HTS05			Cool Arctic White		WC24A2		
Covering Schedule										T5	(1.3)BG2415, (2)BT10			Cool Arctic White		EN52A1, ENV003, RC00A1, WC01AB, WC04G1, WS27B2, WS27D2, WSR065	
Id	Qty	Type	Start Length	Gage	OP	Fin.	Color	Increment	Direction	T6	(0.7)BG2415, (2)BT10			Cool Arctic White		EN52A1, ENV003, RC00A1, WC01AB, WC04G1, WS27B2, WS27D2, WSR065	
#1	2	PR	5'-10"	26	1	K	WA	-6"	Left to Right from Peak	T7	(0.3)BG2415, BT10			Cool Arctic White		EN52A1, ENV003, RC00A1, WC01AB, WC04G1, WS27B2, WS27D2, WSR065	
#2	7	PR	16'-10 1/2"	26	1	K	WA	-6"	Left to Right from Peak	T8	CT16			Cool Arctic White		WC20A1	
#3	2	PR	5'-10"	26	1	K	WA	-6"	Right to Left from Peak								
#5	7	PR	16'-10 1/2"	26	1	K	WA	-6"	Right to Left from Peak								
Oper. Code:1=SQ, SQ																	
Finish:K=KXL (Kynar)																	
Color:WA=Cool Arctic White																	



Fastener Schedule		
Part	Color	Description
0097584-100	Cool Arctic White	(T-2) #12-14 x 1 1/4", 5/16" Hex Hd, SS Cap w/Washer (Panel to Structural)
0097581-100	Cool Arctic White	(T-1) 1/4-14 x 7/8", 5/16" Hex Hd, SS Cap w/Washer (Panel to Panel)



11/10/2025

Shape Name = Storage Shed, Wall = 1

FOR CONSTRUCTION

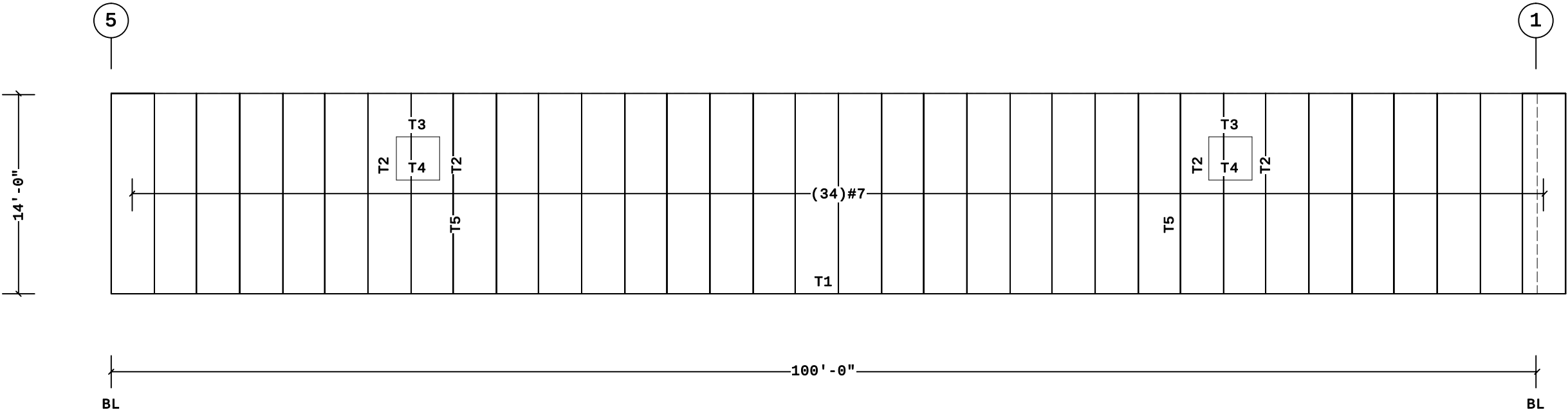
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				Rev	Date	By	Description	Builder	GREGORY DEVELOPMENT, LLC	VP BUILDINGS VARCO PRUDEN VPC Version: 25.2.0 Page 22	
								Customer	Matt Johnson		
								Location	Fuquay Varina, North Carolina		
								Project	Revels Tractor Storage Shed		
								Builder's PO#			
				NTS						VP Version: 25.2.0	Page 22
				11/3/2025		13:06:48		Filename: 2176-26-0239_Revels Tractor Storage Shed.dwg			
				Copyright © 2025 BlueScope Buildings North America, Inc.							

Covering Mark Schedule			
Id	Qty	Start Panel	Direction
#7	34	W14006261KWA	Left to Right

Covering Schedule							
Id	Qty	Type	Start Length	Gage	OP	Fin.	Color
#7	34	PR	14'-0 3/4"	26	1	K	WA
Direction: Left to Right							
Oper. Code:1=SQ,SQ							
Finish:K=KXL (Kynar)							
Color:WA=Cool Arctic White							

Trim Schedule	
Id	Parts
T1	(6.7)BG2415,(10)BT10
T2	DFT05, JT05
T3	DFT05, HTS03
T4	TDFH03
T5	5CE75,(1.5)CP510,DN1,(3)DST1

Color	Details
Cool Arctic White	EN52A1, ENV003, RC00A1, WC01AB, WC04G1, WS27B2, WS27D2, WSR065
Cool Arctic White	WC24A1
Cool Arctic White	WC24A2
Cool Arctic White	WC24A4
Cool Arctic White	RC38P1



COVERING ELEVATION AT A

Fastener Schedule		
Part	Color	Description
0097584-100	Cool Arctic White	(T-2) #12-14 x 1 1/4", 5/16" Hex Hd, SS Cap w/Washer (Panel to Structural)
0097581-100	Cool Arctic White	(T-1) 1/4-14 x 7/8", 5/16" Hex Hd, SS Cap w/Washer (Panel to Panel)

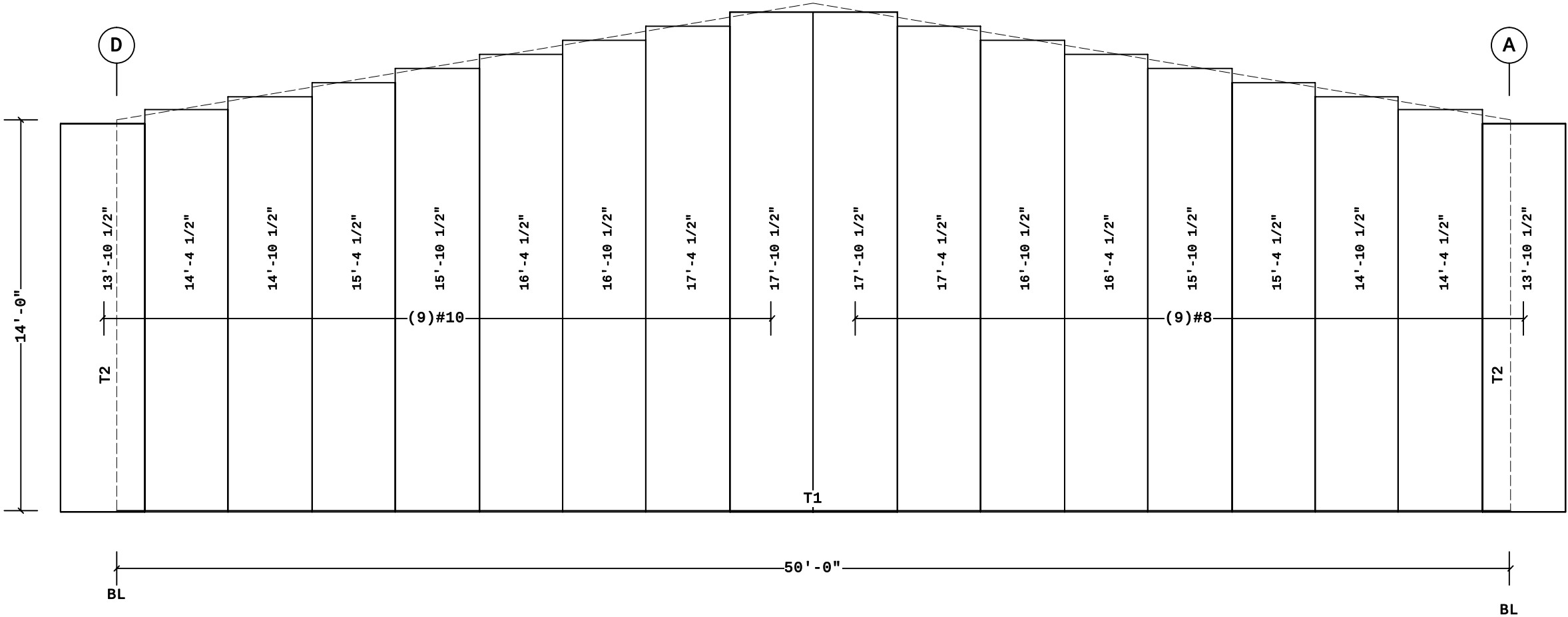


11/10/2025

FOR CONSTRUCTION

1. Pre-drilling 1/8 diameter holes for structural fasteners may be required for heavy gage nested zee's and/or fasteners to structural beams 2. Steel panels are an integral part of the structural system. removal or alteration without prior authorization is prohibited. 3. Due to manufacturing limitations short panels may require field cutting, see the covering schedule for cut lengths. 4. See job details for covering and trim fastener specification.	The VP Engineer's seal applies only to the work product of VP and design and performance requirements specified by VP. The VP Engineer's seal does not apply to the performance or design of any other product or component furnished by VP except to any design or performance requirements specified by VP.	This drawing, including the information hereon, remains the property of VP Buildings. It is provided solely for erecting the building described in the applicable purchase order and may be reproduced only for that purpose. It shall not be modified, reproduced or used for any other purpose without prior written approval of VP Buildings.	B VP Buildings 3200 Players Club Circle Memphis TN 38125	COVERING ELEVATION AT A						
		Rev		Date	By	Description	Builder	GREGORY DEVELOPMENT, LLC	 VP BUILDINGS VARCO PRUDEN VPC Version: 25.2.0	Job # 25-026052-01 Date 11/07/2025 Drawn/Check FRP AOC
							Customer	Matt Johnson		
							Location	Fuquay Varina, North Carolina		
							Project	Revels Tractor Storage Shed		
		NTS				Builder's PO#				
		The general contractor and/or erector is solely responsible for accurate good quality workmanship in erecting this building in accordance with this drawing, details referenced in this drawing, all applicable VP Buildings erection guides, and industry standards pertaining to proper erection, including the correct use of temporary bracing.								

Covering Mark Schedule										Trim Schedule			
Id	Qty	Start Panel	Last Panel	Increment	Direction	Start Dim.	Id	Parts	Color	Details			
#8	9	W17104261KWA	W13104261KWA	-6"	Left to Right from Peak	0'-0"	T1	(3.3)BG2415,(5)BT10	Cool Arctic White	EN52A1,ENV003,RC00A1,WC01AB,WC04G1,WS27B2,WS27D2,WSR065			
#10	9	W17104261KWA	W13104261KWA	-6"	Right to Left from Peak	0'-0"	T2	CT16	Cool Arctic White	WC20A1			
Covering Schedule													
Id	Qty	Type	Start Length	Gage	OP	Fin.	Color	Increment	Direction				
#8	9	PR	17'-10 1/2"	26	1	K	WA	-6"	Left to Right from Peak				
#10	9	PR	17'-10 1/2"	26	1	K	WA	-6"	Right to Left from Peak				
Oper. Code:1=SQ,SQ													
Finish:K=KXL (Kynar)													
Color:WA=Cool Arctic White													
NOTE:													
THIS ENDWALL HAS BEEN DESIGNED UTILIZING SHEAR DIAPHRAGM ACTION OF PANEL RIB SHEETING AS BRACING. REMOVAL OF WALL SHEETING OR SEGMENTS THEREOF (I.E. FIELD LOCATED OPENINGS, ETC.) IS PROHIBITED .													



COVERING ELEVATION AT 5

Fastener Schedule		
Part	Color	Description
0097584-100	Cool Arctic White	(T-2) #12-14 x 1 1/4", 5/16" Hex Hd, SS Cap w/Washer (Panel to Structural)
0097581-100	Cool Arctic White	(T-1) 1/4-14 x 7/8", 5/16" Hex Hd, SS Cap w/Washer (Panel to Panel)



11/10/2025

FOR CONSTRUCTION

1. Pre-drilling 1/8 diameter holes for structural fasteners may be required for heavy gage nested zee's and/or fasteners to structural beams 2. Steel panels are an integral part of the structural system. removal or alteration without prior authorization is prohibited. 3. Due to manufacturing limitations short panels may require field cutting, see the covering schedule for cut lengths. 4. See job details for covering and trim fastener specification.	The VP Engineer's seal applies only to the work product of VP and design and performance requirements specified by VP. The VP Engineer's seal does not apply to the performance or design of any other product or component furnished by VP except to any design or performance requirements specified by VP.	This drawing, including the information hereon, remains the property of VP Buildings. It is provided solely for erecting the building described in the applicable purchase order and may be reproduced only for that purpose. It shall not be modified, reproduced or used for any other purpose without prior written approval of VP Buildings. The general contractor and/or erector is solely responsible for accurate good quality workmanship in erecting this building in accordance with this drawing, details referenced in this drawing, all applicable VP Buildings erection guides, and industry standards pertaining to proper erection, including the correct use of temporary bracing.	B VP Buildings 3200 Players Club Circle Memphis TN 38125	COVERING ELEVATION AT 5					
				Rev	Date	By	Description	Builder	GREGORY DEVELOPMENT, LLC
								Customer	Matt Johnson
								Location	Fuquay Varina, North Carolina
								Project	Revels Tractor Storage Shed
								Builder's PO#	
			NTS		VPC Version: 25.2.0				
11/3/2025			13:06:51		Filename: 2176-26-0239_Revels Tractor Storage Shed				

VP BUILDINGS

VARCO PRUDEN

Job # 25-026052-01

Date 11/07/2025

Drawn/Check FRP AOC

Page 24

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Covering Mark Schedule

Id	Qty	Start Panel	Direction	Start Dim.
#12	34	W14006261KWA	Left to Right	0'-0"

Covering Schedule

Id	Qty	Type	Start Length	Gage	OP	Fin.	Color	Direction
#12	34	PR	14'-0 3/4"	26	1	K	WA	Left to Right

Oper. Code:1=SQ,SQ
Finish:K=KXL (Kynar)
Color:WA=Cool Arctic White

Trim Schedule

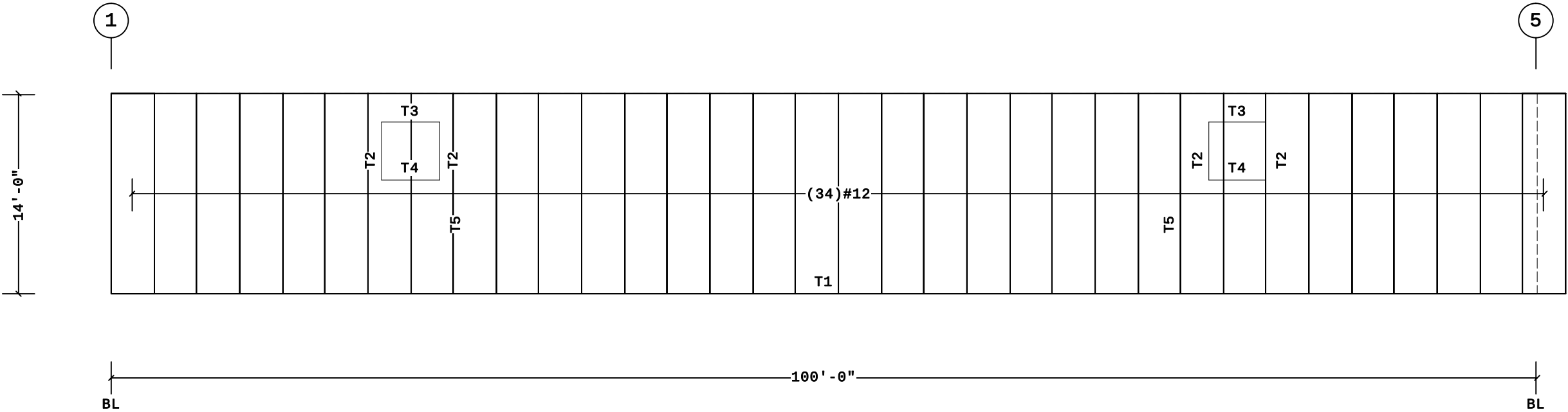
Id	Parts
T1	(6.7)BG2415, (10)BT10
T2	DFT05, JT05
T3	DFT05, HTS05
T4	TDFH05
T5	5CE75, (1.5)CP510, DN1, (3)DST1

Color

Cool Arctic White
Cool Arctic White
Cool Arctic White
Cool Arctic White
Cool Arctic White

Details

EN52A1, ENV003, RC00A1, WC01AB, WC04G1, WS27B2, WS27D2, WSR065
WC24A1
WC24A2
WC24A4
RC38P1



Fastener Schedule

Part	Color	Description
0097584-100	Cool Arctic White	(T-2) #12-14 x 1 1/4", 5/16" Hex Hd, SS Cap w/Washer (Panel to Structural)
0097581-100	Cool Arctic White	(T-1) 1/4-14 x 7/8", 5/16" Hex Hd, SS Cap w/Washer (Panel to Panel)



11/10/2025

Shape Name = Storage Shed, Wall = 4

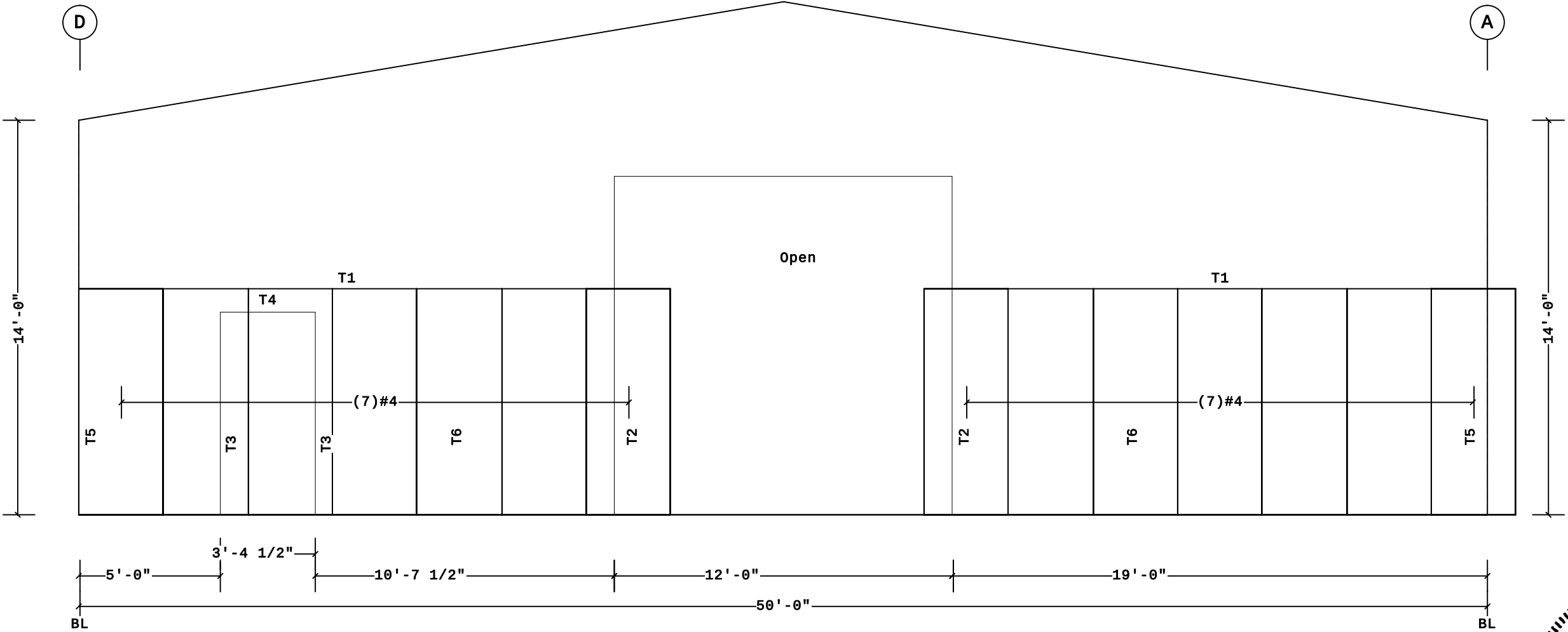
FOR CONSTRUCTION

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		Rev		Date	By	Description	Builder	GREGORY DEVELOPMENT, LLC
							Customer	Matt Johnson
							Location	Fuquay Varina, North Carolina
							Project	Revels Tractor Storage Shed
		NTS				Builder's PO#		
		The general contractor and/or erector is solely responsible for accurate good quality workmanship in erecting this building in accordance with this drawing, details referenced in this drawing, all applicable VP Buildings erection guides, and industry standards pertaining to proper erection, including the correct use of temporary bracing.						
VP BUILDINGS VARCO PRUDEN VPC Version: 25.2.0		Job # 25-026052-01 Date 11/07/2025 Drawn/Check FRP AOC Page 25						

Wall Liner Mark Schedule				
Id	Qty	Start Panel	Direction	Start Dim.
#4	14	W08000261KOW	Left to Right	0' - 0", 30' - 0"

Wall Liner Schedule								
Id	Qty	Type	Length	Gage	OP	Finish	Color	Direction
#4	14	PR	8' - 0"	26	1	K	OW	Left to Right
Oper. Code:1=SQ,SQ								
Finish:K=KXL (Kynar)								
Color:OW=Cool Cotton White								

Trim Schedule			Color	Details
Id	Parts			
T1	(2)LTA10		Cool Cotton White	WC61A7,WCV060
T2	JT10		Cool Cotton White	WC24A1,WCV060
T3	JT07		Cool Cotton White	WC24A1,WCV060
T4	HT05		Cool Cotton White	WCV060,WLV029
T5	(2)JT10		Cool Cotton White	WC61A9
T6	(2)JT10		Cool Cotton White	WC61A9



WALL LINER ELEVATION AT 1
(View from inside Building)

Fastener Schedule		
Part	Color	Description
0097584-102	Cool Cotton White	(T-2) #12-14 x 1 1/4", 5/16" Hex Hd, SS Cap w/Washer (Panel to Structural)
0097581-102	Cool Cotton White	(T-1) 1/4-14 x 7/8", 5/16" Hex Hd, SS Cap w/Washer (Panel to Panel)

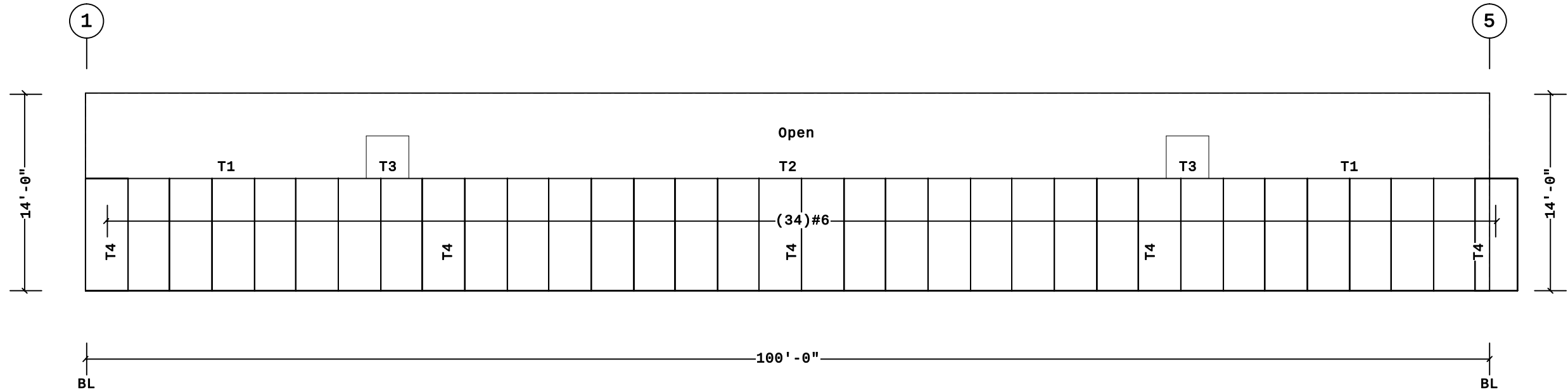


11/10/2025

FOR CONSTRUCTION

1. Pre-drilling 1/8 diameter holes for structural fasteners may be required for heavy gage nested zee's and/or fasteners to structural beams 2. Steel panels are an integral part of the structural system. removal or alteration without prior authorization is prohibited. 3. Due to manufacturing limitations short panels may require field cutting, see the covering schedule for cut lengths. 4. See job details for covering and trim fastener specification.	The VP Engineer's seal applies only to the work product of VP and design and performance requirements specified by VP. The VP Engineer's seal does not apply to the performance or design of any other product or component furnished by VP except to any design or performance requirements specified by VP.	This drawing, including the information hereon, remains the property of VP Buildings. It is provided solely for erecting the building described in the applicable purchase order and may be reproduced only for that purpose. It shall not be modified, reproduced or used for any other purpose without prior written approval of VP Buildings. The general contractor and/or erector is solely responsible for accurate good quality workmanship in erecting this building in accordance with this drawing, details referenced in this drawing, all applicable VP Buildings erection guides, and industry standards pertaining to proper erection, including the correct use of temporary bracing.	B VP Buildings 3200 Players Club Circle Memphis TN 38125 <table><tr><th>Rev</th><th>Date</th><th>By</th><th>Description</th></tr><tr><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td></tr><tr><td colspan="4">NTS</td></tr></table>	Rev	Date	By	Description																	NTS				WALL LINER ELEVATION AT 1	
				Rev	Date	By	Description																						
				NTS																									
Builder GREGORY DEVELOPMENT, LLC		 VP BUILDINGS VARCO PRUDEN VPC Version: 25.2.0	Job # 25-026052-01																										
Customer Matt Johnson			Date 11/07/2025																										
Location Fuquay Varina, North Carolina			Drawn/Check FRP AOC																										
Project Revels Tractor Storage Shed			Page 26																										
Builder's PO#																													

Wall Liner Mark Schedule									Trim Schedule			
Id	Qty	Start Panel	Direction			Start Dim.			Id	Parts	Color	Details
#6	34	W08000261KOW	Left to Right			0'-0"			T1	(2)LTA10	Cool Cotton White	WC61A7,WCV060
Wall Liner Schedule									T2	(5)LTA10,LTA05	Cool Cotton White	WC61A7,WCV060
Id	Qty	Type	Length	Gage	OP	Finish	Color	Direction	T3	HT05	Cool Cotton White	WC31A3
#6	34	PR	8'-0"	26	1	K	OW	Left to Right	T4	(2)JT10	Cool Cotton White	WC61A9
Oper. Code:1=SQ,SQ												
Finish:K=KXL (Kynar)												
Color:OW=Cool Cotton White												



WALL LINER ELEVATION AT A
(View from inside Building)

NOTE:
- FITTING WORK WILL BE NEEDED BETWEEN THE TOP LINER TRIM AND SILL TRIM.



11/10/2025

Fastener Schedule		
Part	Color	Description
0097584-102	Cool Cotton White	(T-2) #12-14 x 1 1/4", 5/16" Hex Hd, SS Cap w/Washer (Panel to Structural)
0097581-102	Cool Cotton White	(T-1) 1/4-14 x 7/8", 5/16" Hex Hd, SS Cap w/Washer (Panel to Panel)

FOR CONSTRUCTION

1. Pre-drilling 1/8 diameter holes for structural fasteners may be required for heavy gage nested zee's and/or fasteners to structural beams 2. Steel panels are an integral part of the structural system. removal or alteration without prior authorization is prohibited. 3. Due to manufacturing limitations short panels may require field cutting, see the covering schedule for cut lengths. 4. See job details for covering and trim fastener specification.	The VP Engineer's seal applies only to the work product of VP and design and performance requirements specified by VP. The VP Engineer's seal does not apply to the performance or design of any other product or component furnished by VP except to any design or performance requirements specified by VP.	This drawing, including the information hereon, remains the property of VP Buildings. It is provided solely for erecting the building described in the applicable purchase order and may be reproduced only for that purpose. It shall not be modified, reproduced or used for any other purpose without prior written approval of VP Buildings. The general contractor and/or erector is solely responsible for accurate good quality workmanship in erecting this building in accordance with this drawing, details referenced in this drawing, all applicable VP Buildings erection guides, and industry standards pertaining to proper erection, including the correct use of temporary bracing.	B VP Buildings 3200 Players Club Circle Memphis TN 38125	WALL LINER ELEVATION AT A						
				Rev	Date	By	Description	Builder	GREGORY DEVELOPMENT, LLC	
								Customer	Matt Johnson	
								Location	Fuquay Varina, North Carolina	
								Project	Revels Tractor Storage Shed	
				NTS				Builder's PO#		
								VPC Version:	25.2.0	
								Page	27	

Id	Qty	Start Panel	Direction	Start Dim.
#9	17	W08000261KOW	Left to Right	0' - 0"

Wall Liner Schedule

Id	Qty	Type	Length	Gage	OP	Finish	Color	Direction
#9	17	PR	8' - 0"	26	1	K	OW	Left to Right

Oper. Code:1=SQ,SQ

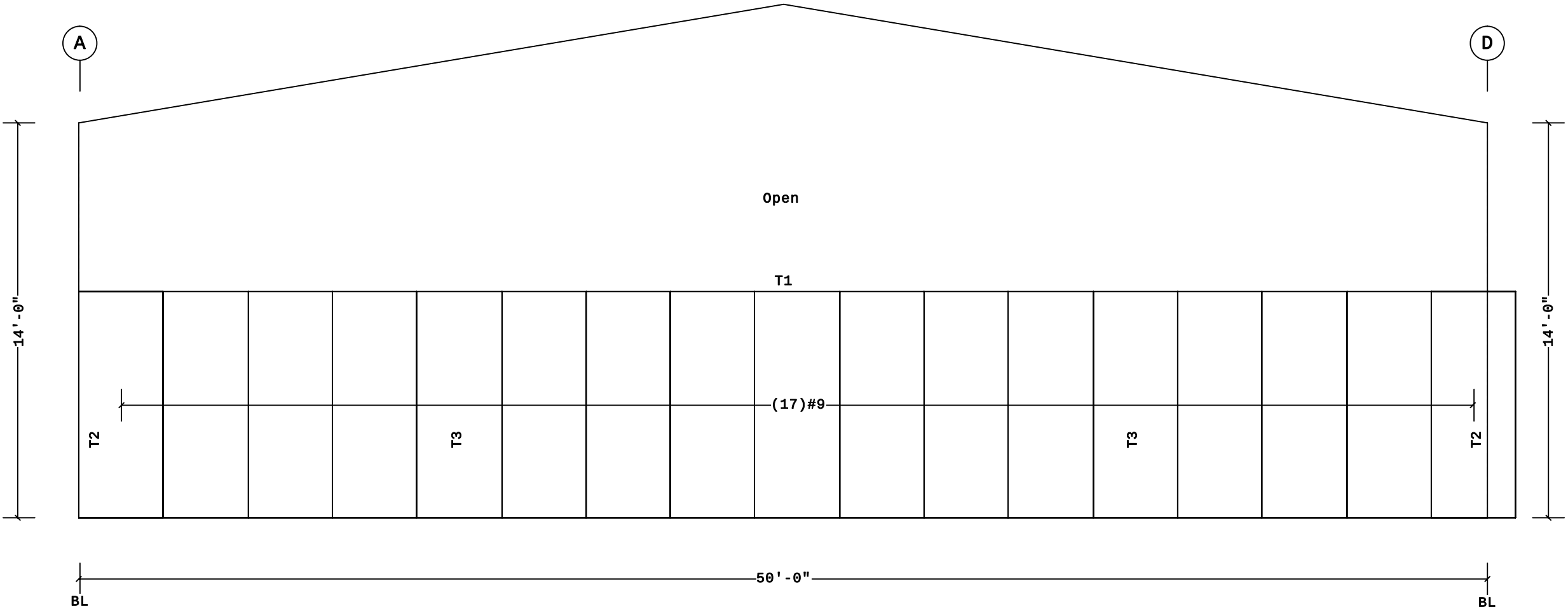
Finish:K=KXL (Kynar)

Color:OW=Cool Cotton White

Id	Parts
T1	(5)LTA10
T2	(2)JT10
T3	(2)JT10

Trim Schedule

Color	Details
Cool Cotton White	WC61A7,WCV060
Cool Cotton White	WC61A9
Cool Cotton White	WC61A9



WALL LINER ELEVATION AT 5
(View from inside Building)

Part	Color	Description
0097584-102	Cool Cotton White	(T-2) #12-14 x 1 1/4", 5/16" Hex Hd, SS Cap w/Washer (Panel to Structural)
0097581-102	Cool Cotton White	(T-1) 1/4-14 x 7/8", 5/16" Hex Hd, SS Cap w/Washer (Panel to Panel)

Fastener Schedule

Shape Name = Storage Shed, Wall = 3

FOR CONSTRUCTION



11/10/2025

1. Pre-drilling 1/8 diameter holes for structural fasteners may be required for heavy gage nested zee's and/or fasteners to structural beams
2. Steel panels are an integral part of the structural system. removal or alteration without prior authorization is prohibited.
3. Due to manufacturing limitations short panels may require field cutting, see the covering schedule for cut lengths.
4. See job details for covering and trim fastener specification.

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Rev	Date	By	Description

B

VP Buildings
3200 Players Club Circle Memphis TN 38125

Builder	GREGORY DEVELOPMENT, LLC
Customer	Matt Johnson
Location	Fuquay Varina, North Carolina
Project	Revels Tractor Storage Shed
Builder's PO#	

WALL LINER ELEVATION AT 5



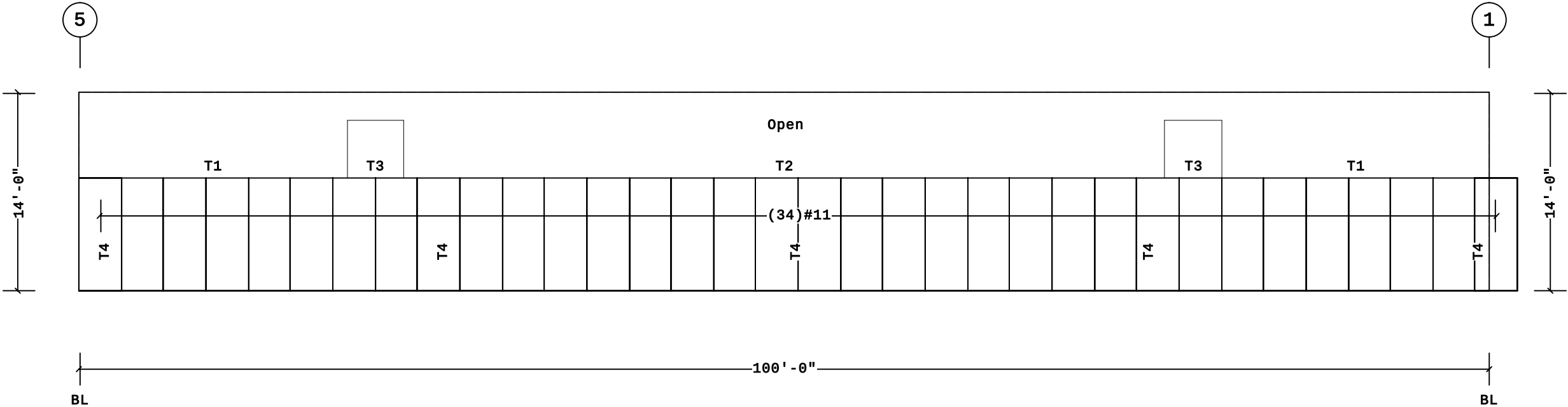
Job #	25-026052-01
Date	11/07/2025
Drawn/Check	FRP AOC
Page	28

VPC Version: 25.2.0

Wall Liner Mark Schedule				
Id	Qty	Start Panel	Direction	Start Dim.
#11	34	W08000261KOW	Left to Right	0' - 0"

Wall Liner Schedule								
Id	Qty	Type	Length	Gage	OP	Finish	Color	Direction
#11	34	PR	8' - 0"	26	1	K	OW	Left to Right
Oper. Code:1=SQ,SQ								
Finish:K=KXL (Kynar)								
Color:OW=Cool Cotton White								

Trim Schedule			Color	Details
Id	Parts			
T1	(2)LTA10		Cool Cotton White	WC61A7,WCV060
T2	(5)LTA10,LTA05		Cool Cotton White	WC61A7,WCV060
T3	HT05		Cool Cotton White	WC31A3
T4	(2)JT10		Cool Cotton White	WC61A9



WALL LINER ELEVATION AT D
(View from inside Building)

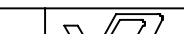
NOTE:
- FITTING WORK WILL BE NEEDED BETWEEN THE TOP LINER TRIM AND SILL TRIM.

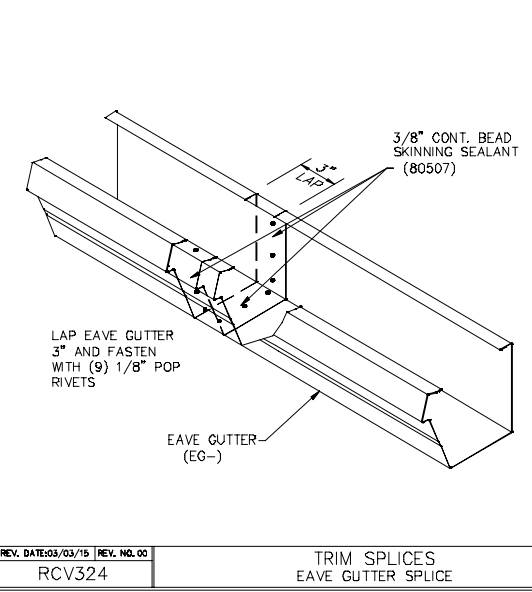
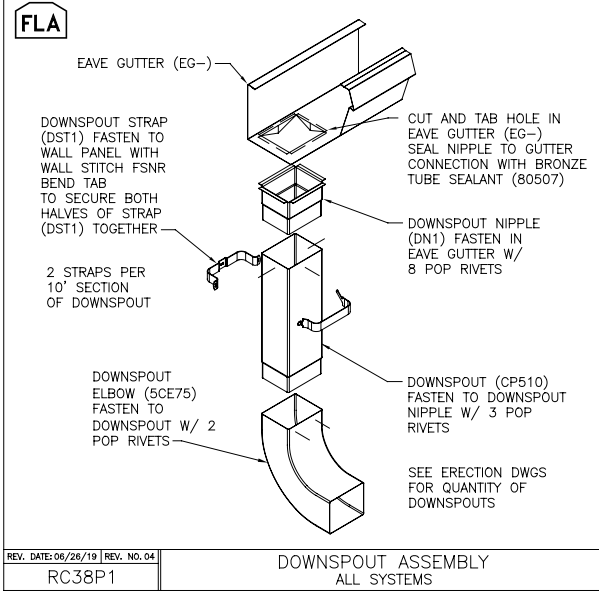
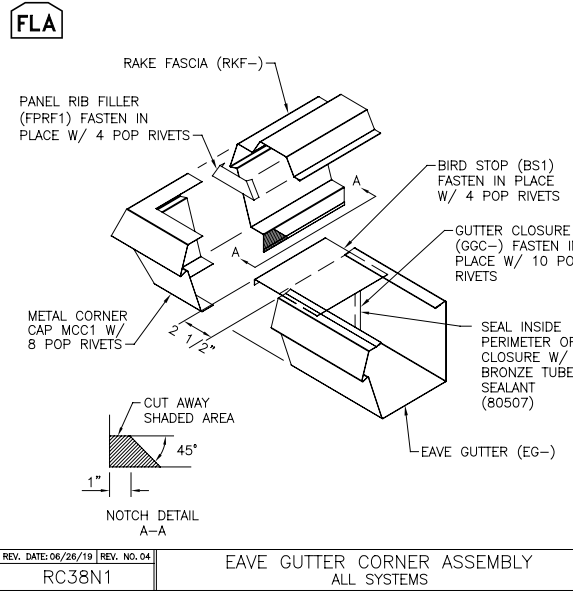
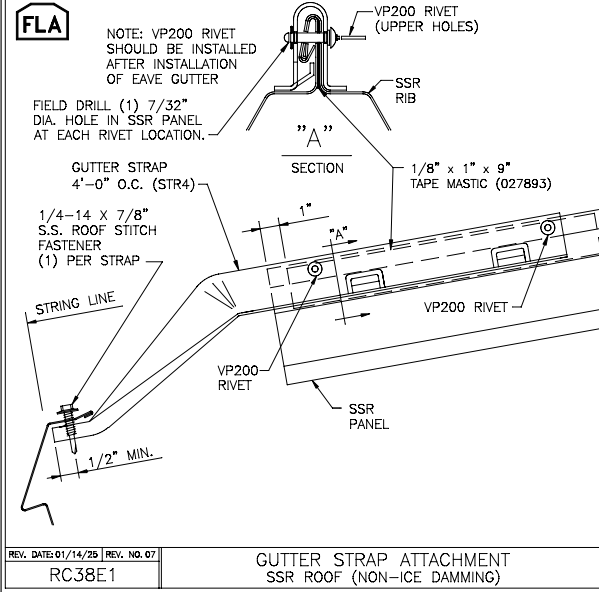
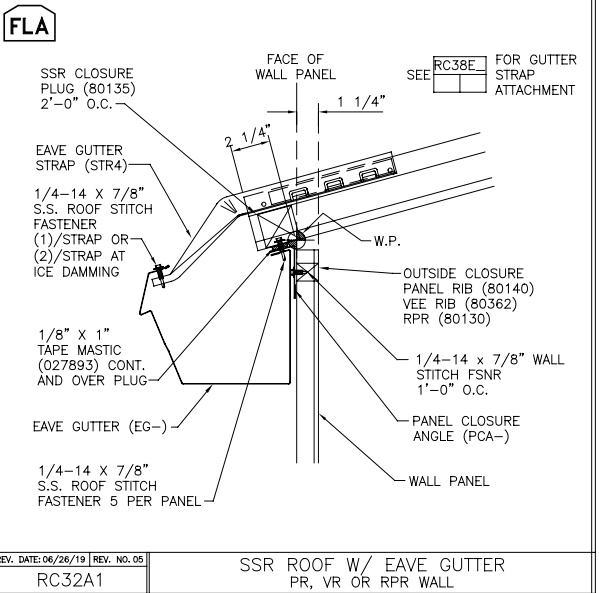
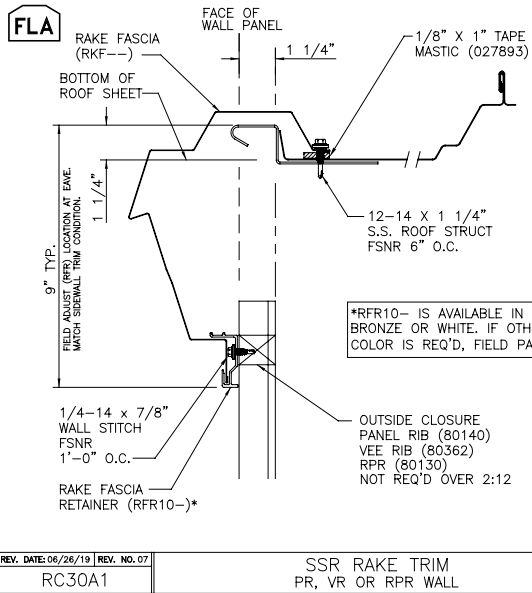
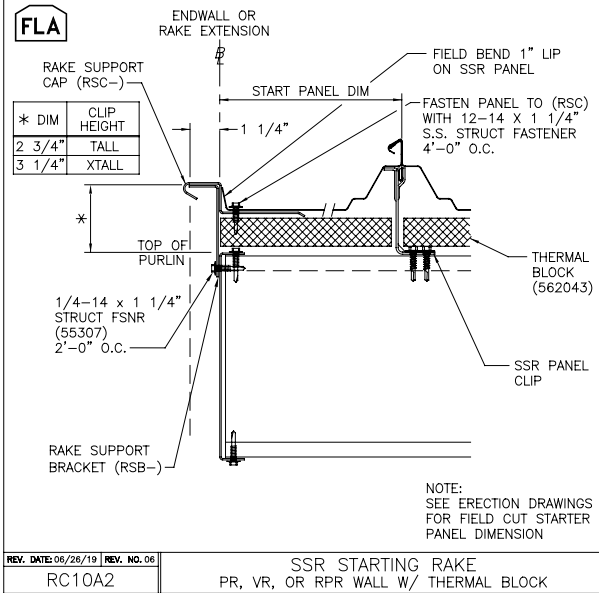
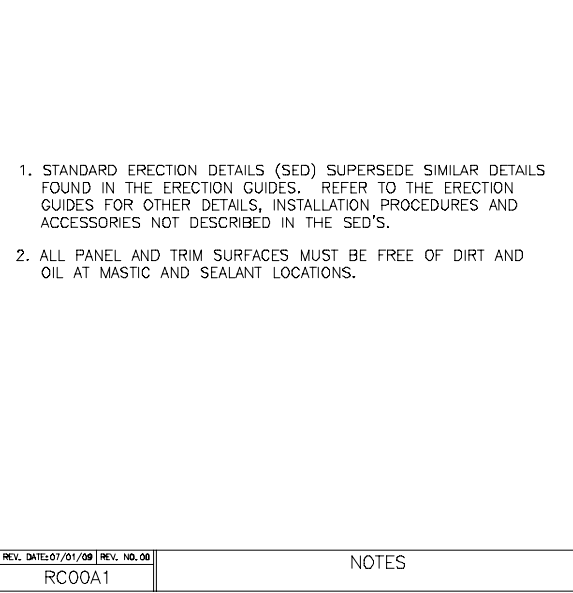
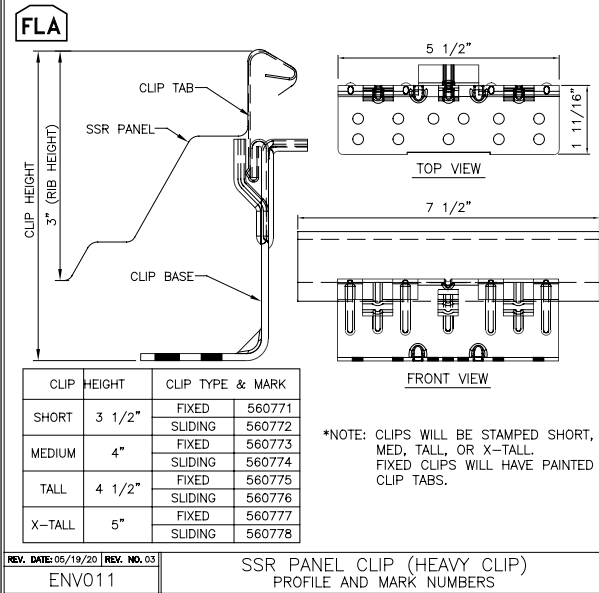
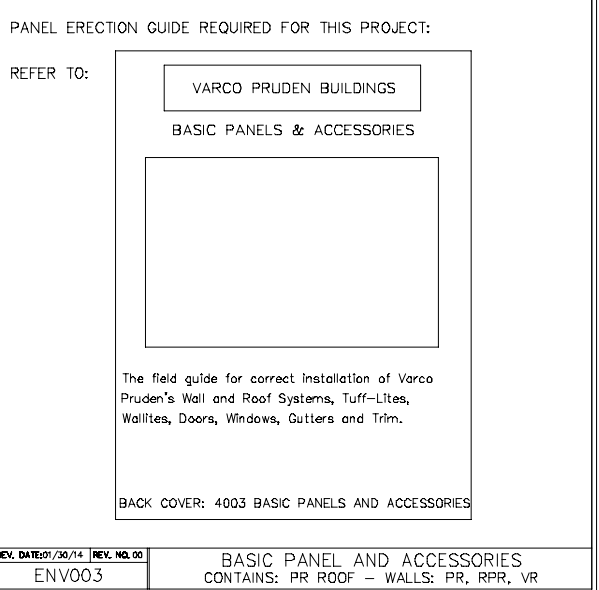
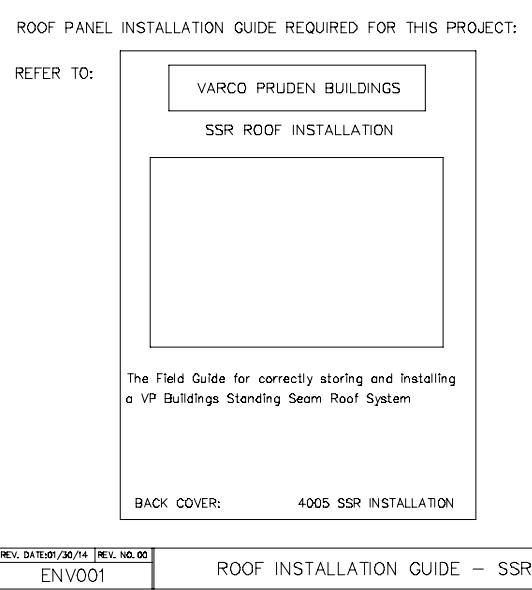
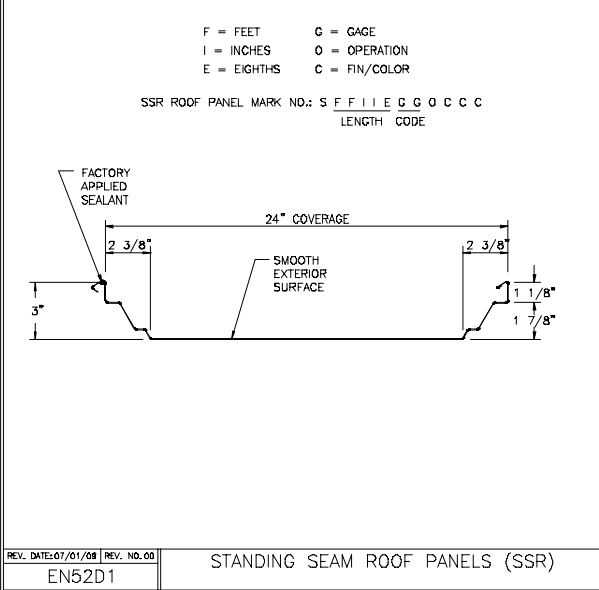
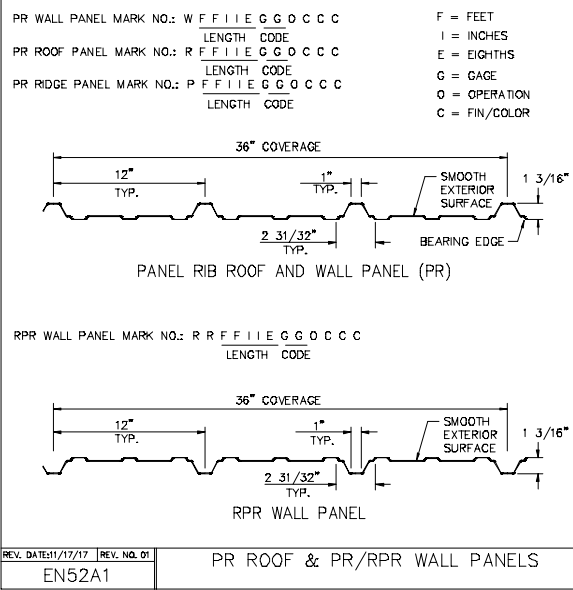
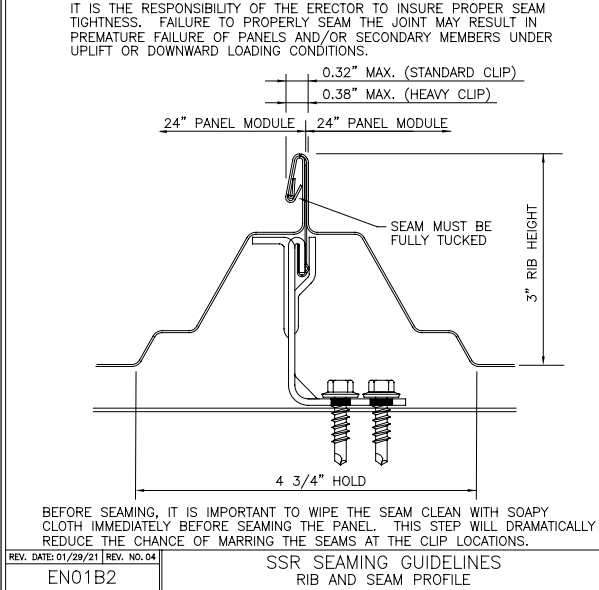
Fastener Schedule		
Part	Color	Description
0097584-102	Cool Cotton White	(T-2) #12-14 x 1 1/4", 5/16" Hex Hd, SS Cap w/Washer (Panel to Structural)
0097581-102	Cool Cotton White	(T-1) 1/4-14 x 7/8", 5/16" Hex Hd, SS Cap w/Washer (Panel to Panel)



11/10/2025

FOR CONSTRUCTION

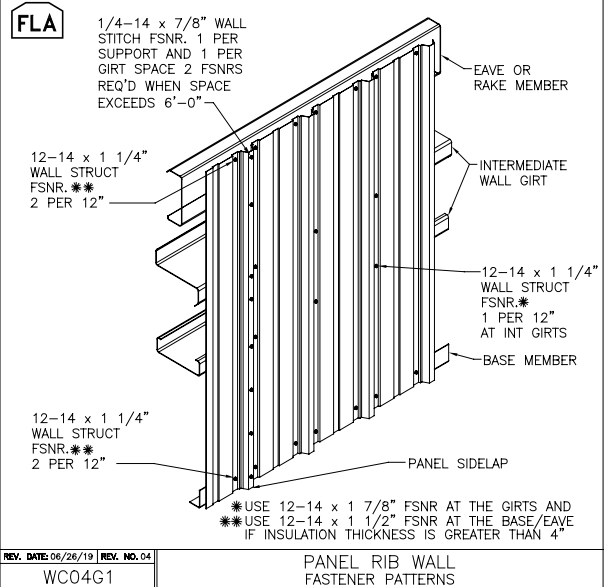
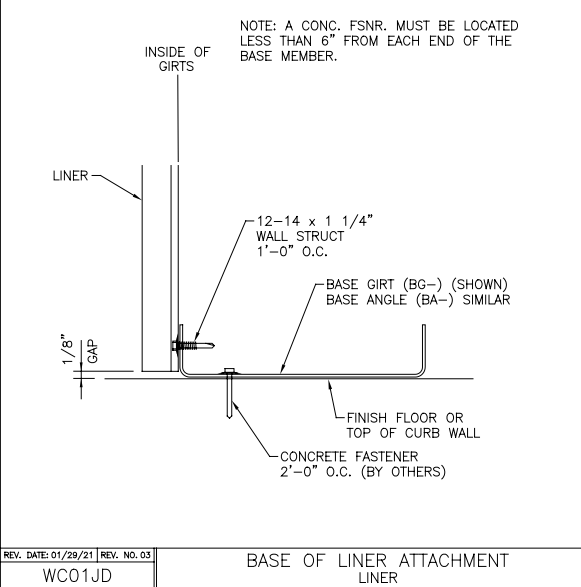
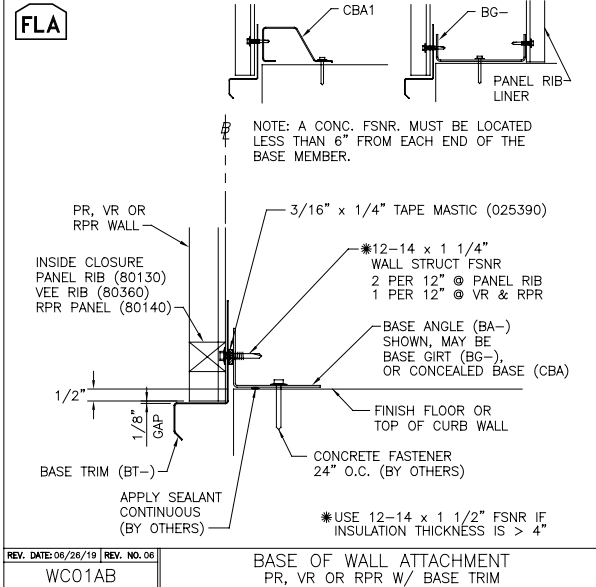
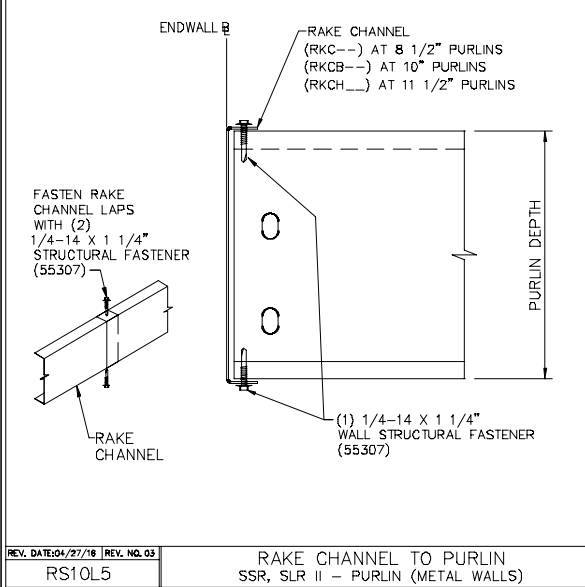
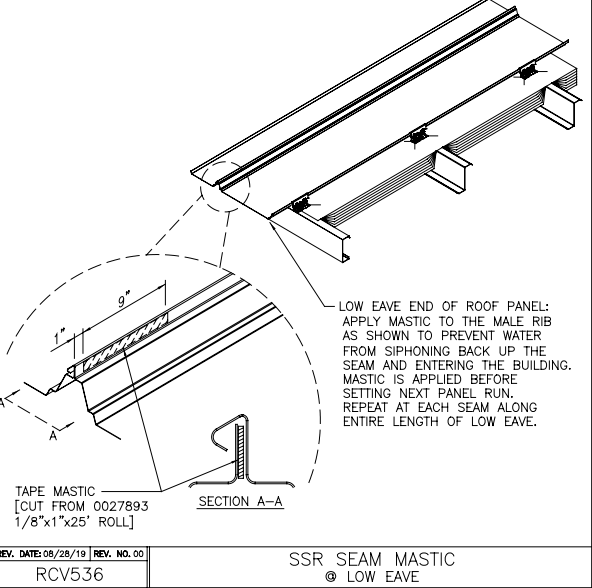
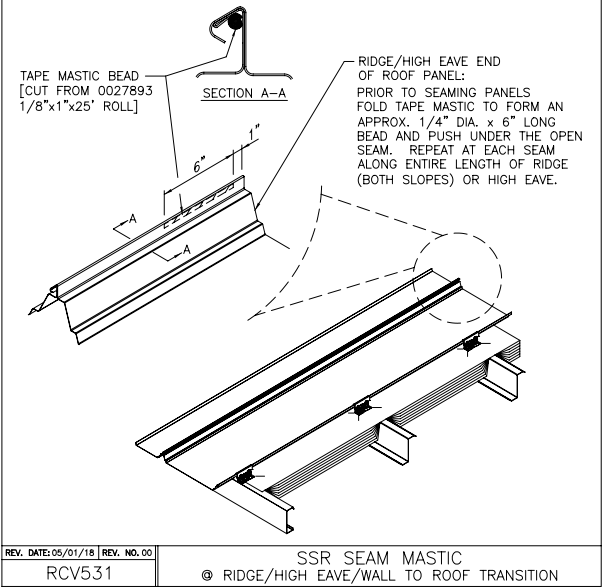
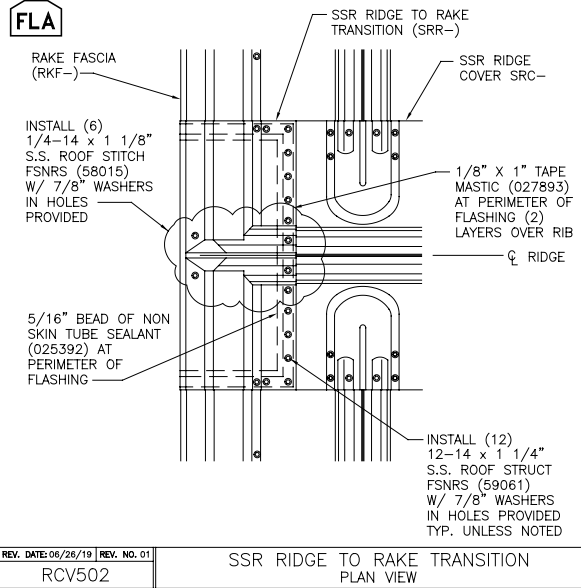
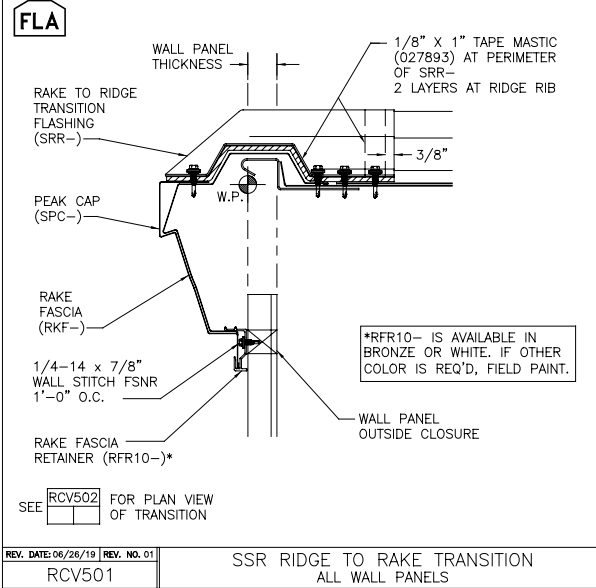
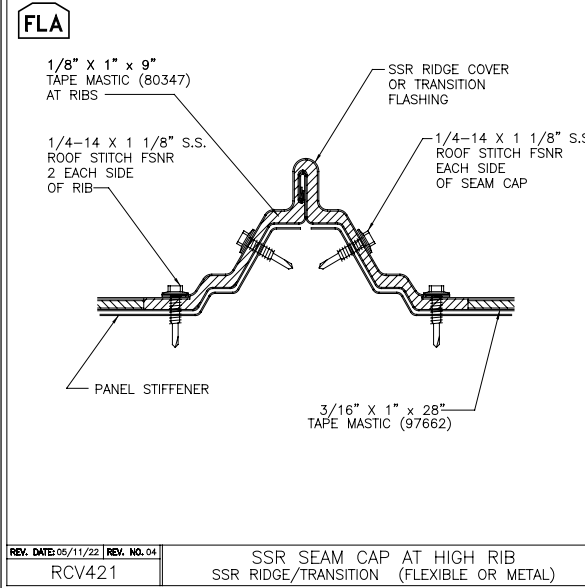
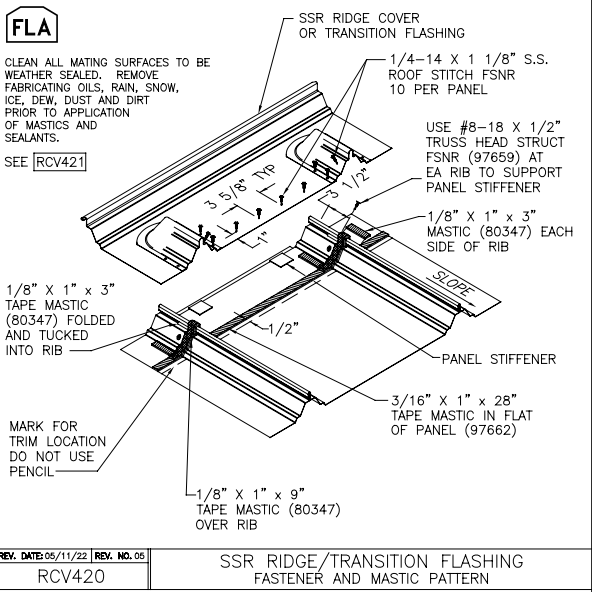
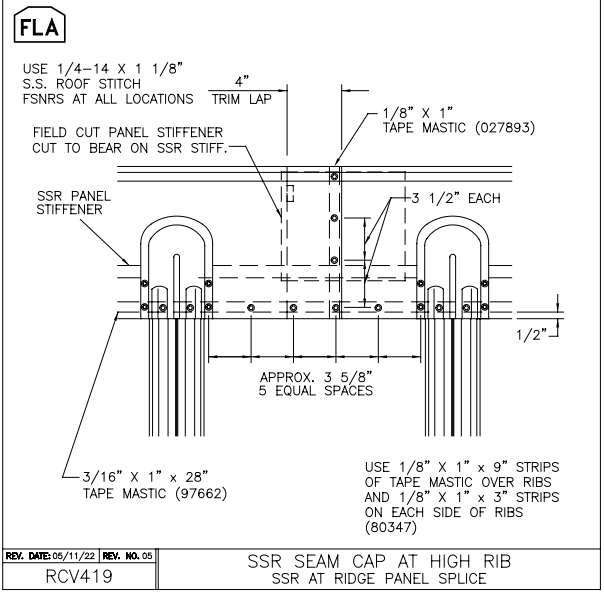
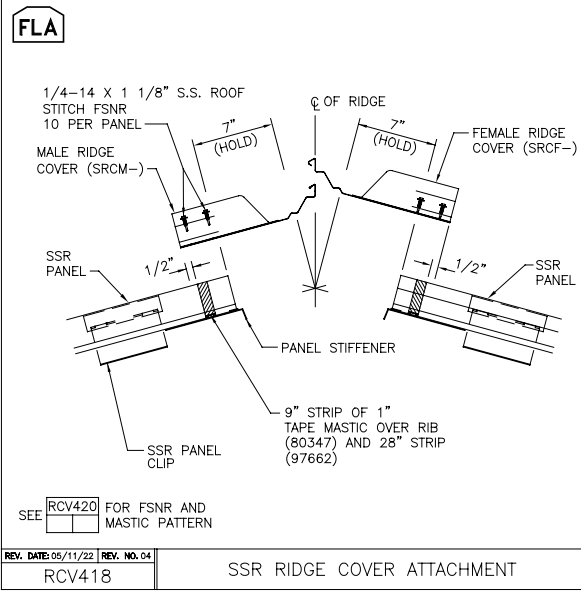
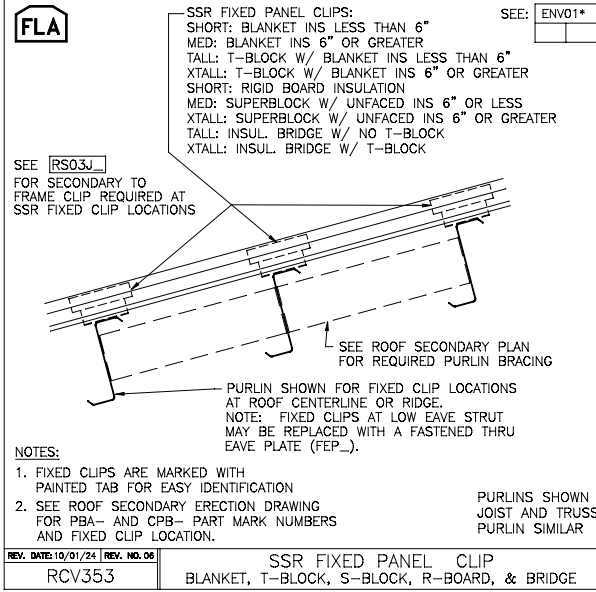
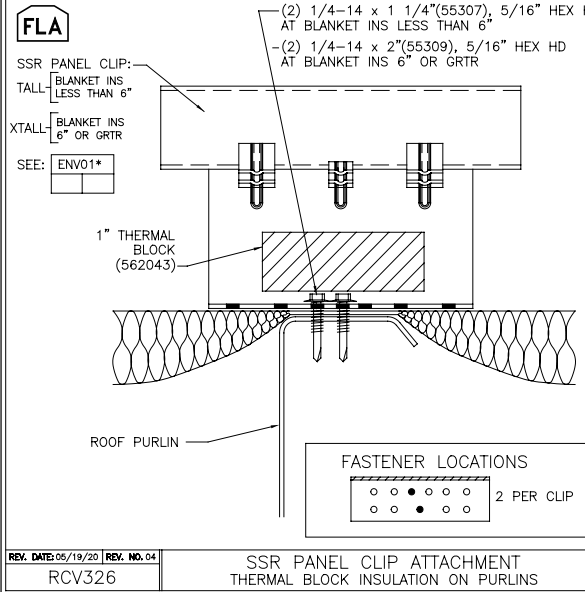
1. Pre-drilling 1/8 diameter holes for structural fasteners may be required for heavy gage nested zee's and/or fasteners to structural beams 2. Steel panels are an integral part of the structural system. removal or alteration without prior authorization is prohibited. 3. Due to manufacturing limitations short panels may require field cutting, see the covering schedule for cut lengths. 4. See job details for covering and trim fastener specification.	The VP Engineer's seal applies only to the work product of VP and design and performance requirements specified by VP. The VP Engineer's seal does not apply to the performance or design of any other product or component furnished by VP except to any design or performance requirements specified by VP.	This drawing, including the information hereon, remains the property of VP Buildings. It is provided solely for erecting the building described in the applicable purchase order and may be reproduced only for that purpose. It shall not be modified, reproduced or used for any other purpose without prior written approval of VP Buildings. The general contractor and/or erector is solely responsible for accurate good quality workmanship in erecting this building in accordance with this drawing, details referenced in this drawing, all applicable VP Buildings erection guides, and industry standards pertaining to proper erection, including the correct use of temporary bracing.	B VP Buildings 3200 Players Club Circle Memphis TN 38125	WALL LINER ELEVATION AT D				
				Rev	Date	By	Description	Builder GREGORY DEVELOPMENT, LLC
								Customer Matt Johnson
								Location Fuquay Varina, North Carolina
								Project Revels Tractor Storage Shed
				Builder's PO#				
				NTS				
				11/3/2025				13:06:56
				Filename:				2176-26-0239_Revels Tractor Storage Shed.dwg
				 VPC Version: 25.2.0 Page 29 Division of BlueScope Buildings North America, Inc.				



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	Rev	Date	By	Description	Builder	GREGORY DEVELOPMENT, LLC	VP BUILDINGS VARCO PRUDEN VPC Version: 25.2.0	Job #	25-026052-01
					Customer	Matt Johnson		Date	11/07/2025
					Location	Fuquay Varina, North Carolina		Drawn/Check	FRP AOC
					Project	Revels Tractor Storage Shed		Page	30
					Builder's PO#		Filename: 2176-26-0239_Revels Tractor Storage Shed.dwg		
	NTS						Copyright © BlueScope Buildings North America, Inc.		
11/3/2025 SEDSheet				13:06:57					



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B VP Buildings
3200 Players Club Circle Memphis TN 38125

Rev	Date	By	Description
NTS			

COVERING & TRIM SED'S (b)

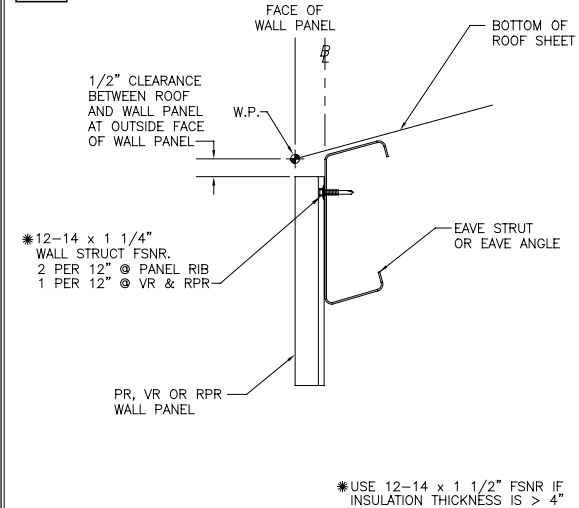
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Customer	Matt Johnson
Location	Fuquay Varina, North Carolina
Project	Revels Tractor Storage Shed
Builder's PO#	



VPC Version: 25.2.0

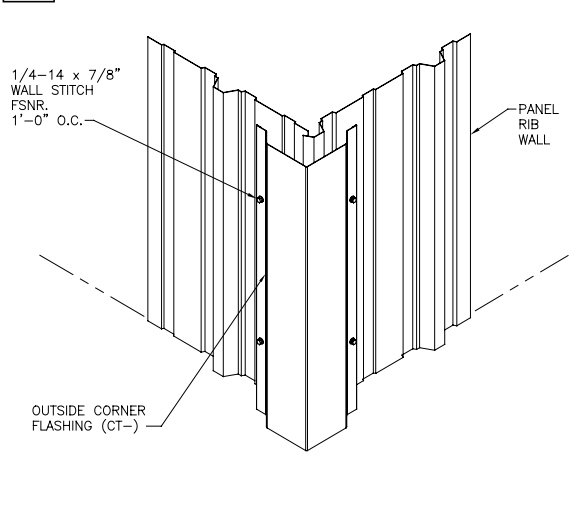
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Date	11/07/2025
Drawn/Check	FRP AOC
Page	31

FLA

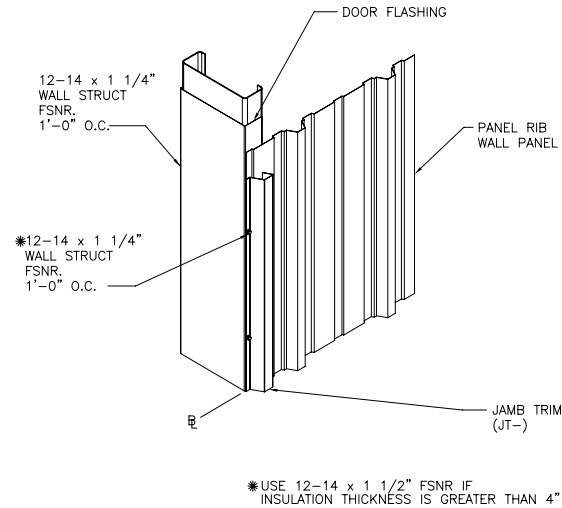


REV. DATE:06/26/19 | REV. NO. 04
WC11F1 | PR, VR & RPR WALL AT EAVE
STANDARD EAVE MEMBER

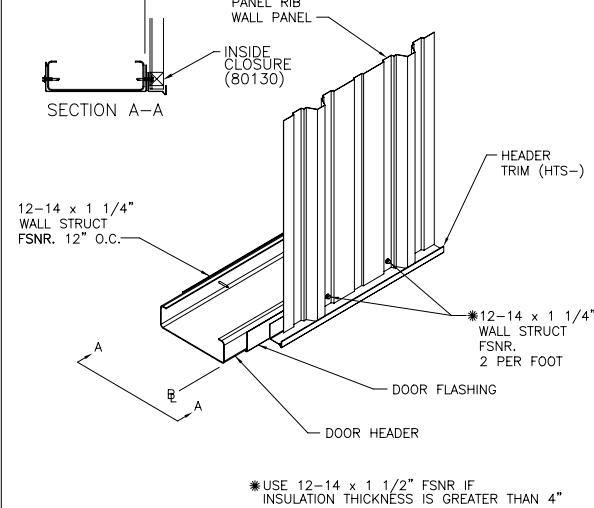
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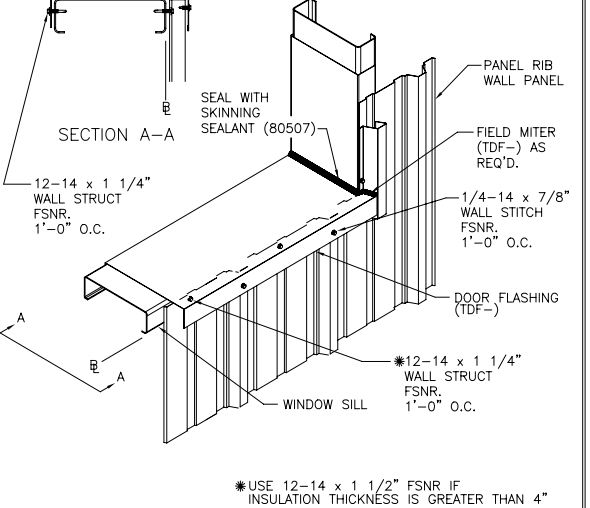
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WC20A1 | OUTSIDE CORNER TRIM
PANEL RIB WALL



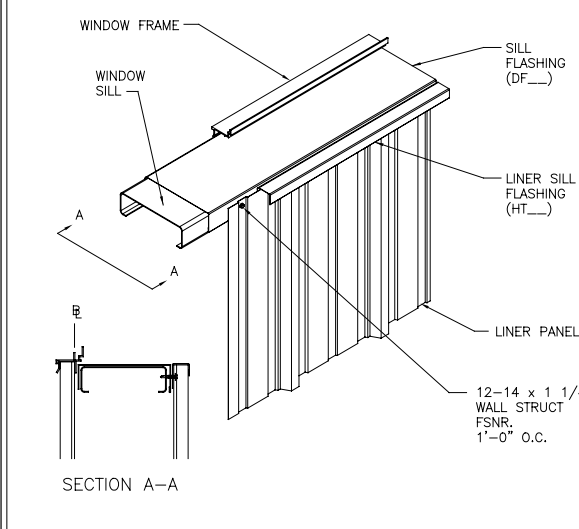
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WC24A1 | JAMB TRIM AT OVERHEAD DOOR
PANEL RIB WALL



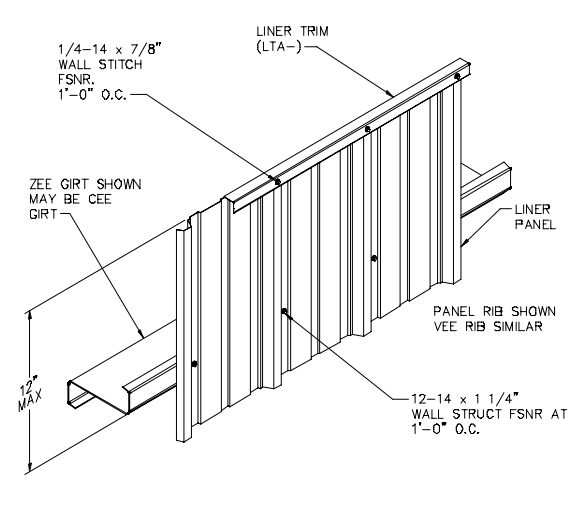
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WC24A2 | WALL TRIM AT DOOR HEAD
OVERHEAD DOOR OPENING



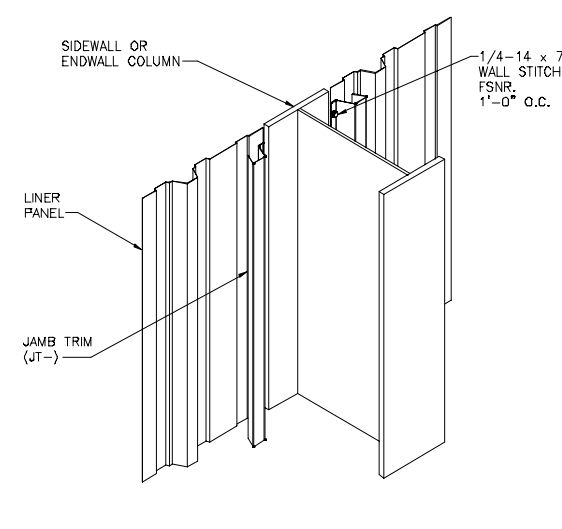
REV. DATE:05/21/18 | REV. NO. 01
WC24A4 | SILL TRIM
FRAMED OPENING (PANEL RIB)



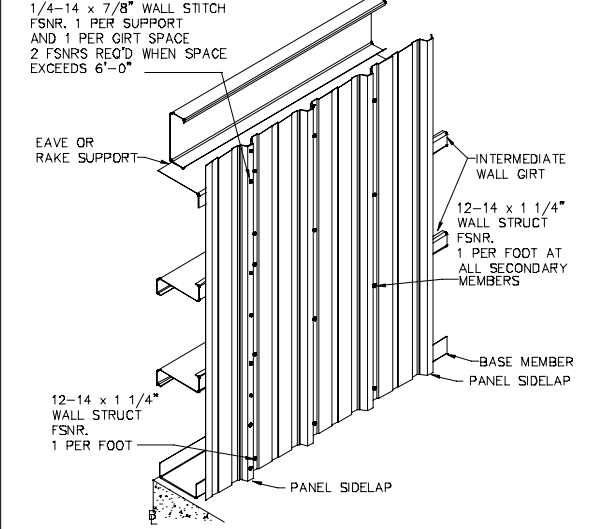
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WC31A3 | LINER TRIM AT WINDOW SILL
WITH STANDARD WINDOWS



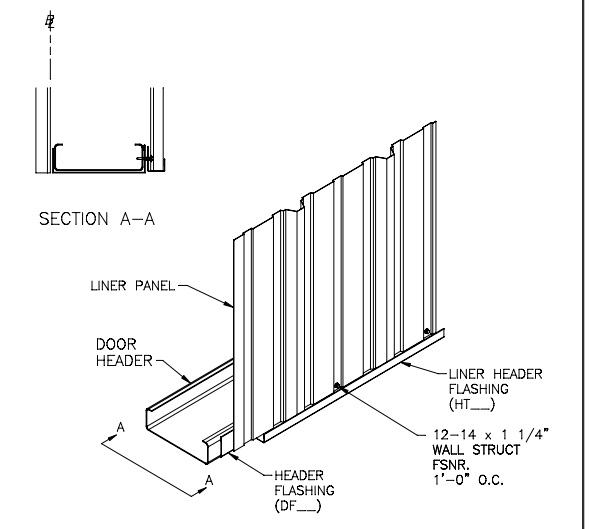
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WC61A7 | LINER PANEL ATTACHMENT
PARTIAL HEIGHT LINER



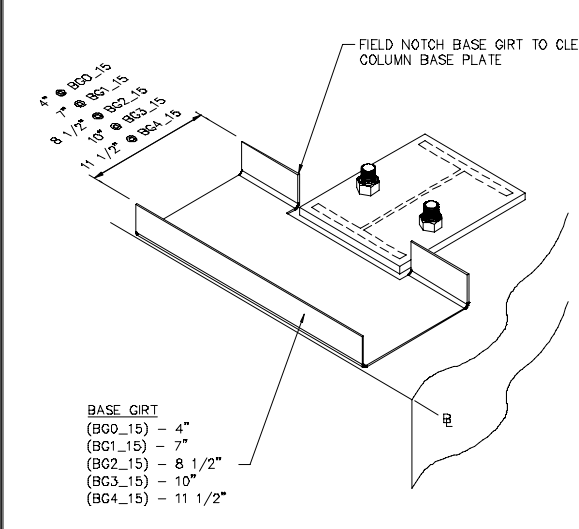
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WC61A9 | LINER PANEL ATTACHMENT
TRIM AT COLUMN; OUTSET WALL



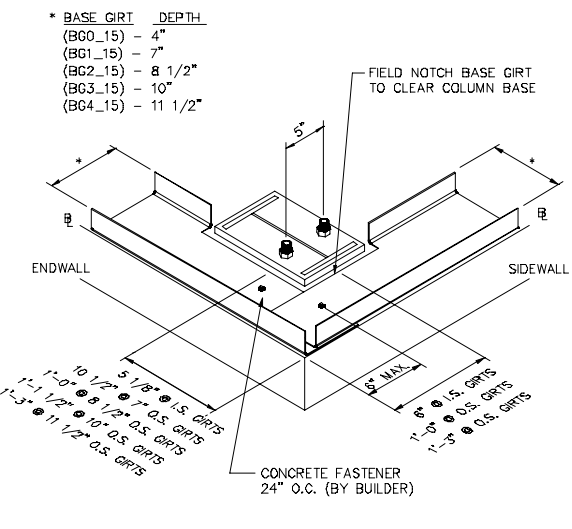
REV. DATE:06/19/18 | REV. NO. 00
WCV060 | PANEL RIB LINER
FASTENER PATTERNS



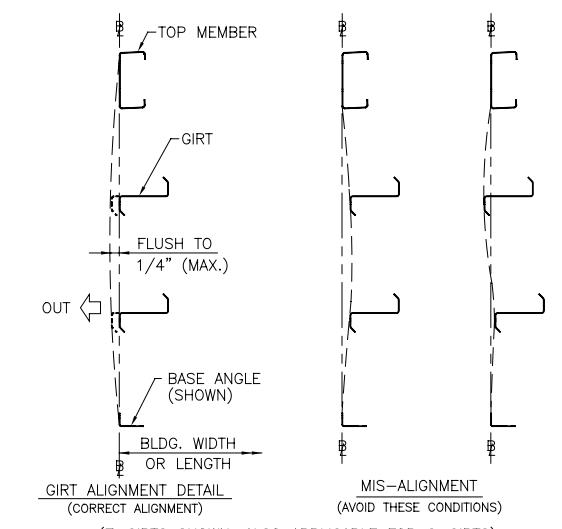
REV. DATE:10/09/23 | REV. NO. 00
WLV029 | LINER TRIM AT DOOR HEADER
WITH STANDARD HEADER



REV. DATE:08/11/13 | REV. NO. 01
WS27B2 | BASE GIRT AT COLUMN
ALL BASE GIRT DEPTHS



REV. DATE:06/13/13 | REV. NO. 01
WS27D2 | BASE GIRT AT CORNER COLUMN
ALL BASE GIRT DEPTHS

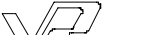


REV. DATE:06/23/22 | REV. NO. 00
WSR065 | WALL SECONDARY FRAMING ALIGNMENT



11/10/2025

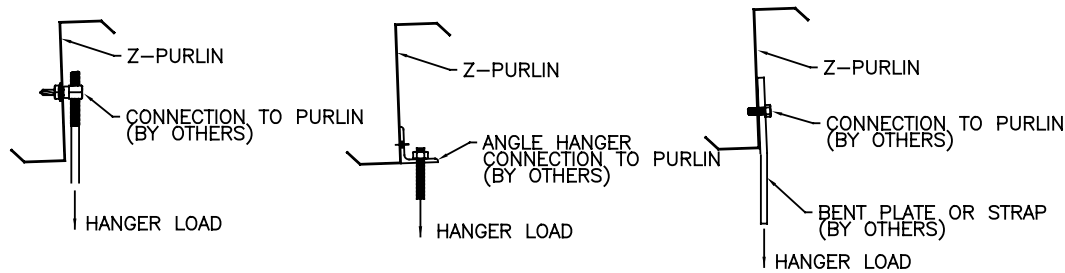
FOR CONSTRUCTION

B	VP Buildings 3200 Players Club Circle Memphis TN 38125			COVERING & TRIM SED'S (c)									
	Rev	Date	By	Description	Builder	GREGORY DEVELOPMENT, LLC		 VP BUILDINGS VARCO PRUDEN	Job #	25-026052-01			
					Customer	Matt Johnson			Date	11/07/2025			
					Location	Fuquay Varina, North Carolina			Drawn/Check	FRP	AOC		
					Project	Revels Tractor Storage Shed							
NTS				Builder's PO#			VPC Version:	25.2.0		Page	32		
11/3/2025 SEDSheet 13:07:00				Filename:	2176-26-0239_Revels Tractor Storage Shed							© 2025 BlueScope Buildings North America, Inc.	

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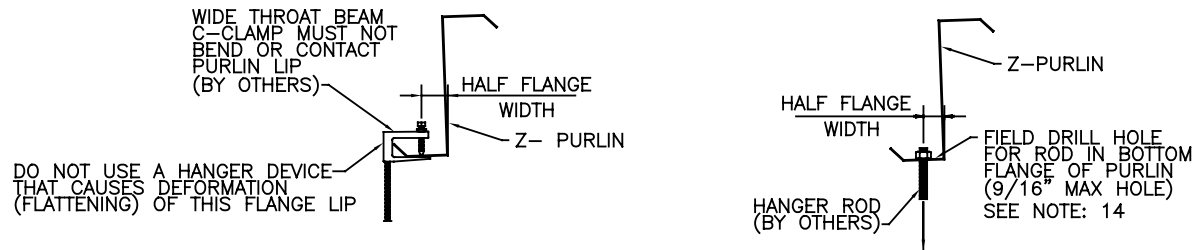
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WEB HANGERS

FOR 1/2" DIAM. BOLT TO PURLIN CONNECTION-- MAX HANGER LOAD=1500lbs
PURLIN MUST BE SPECIFICALLY DESIGNED FOR LOADS GREATER THAN 500 LB. SEE NOTE: 2.



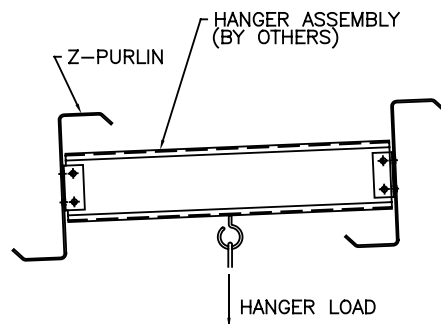
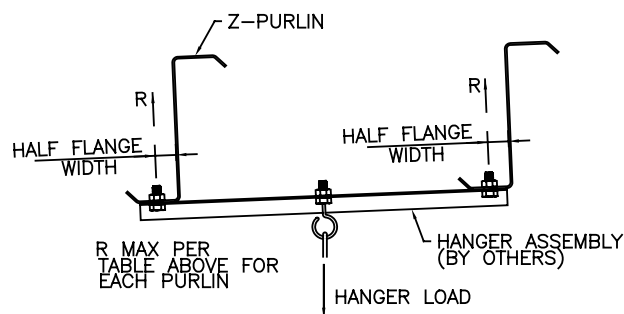
VERIFY OVERALL PURLIN DESIGN CAN TAKE APPLIED LOADS. SEE NOTE: 2

MAXIMUM LOAD SUSPENDED FROM BOTTOM FLANGE (LOCATED AT HALF-FLANGE WIDTH)			
THICKNESS	MAX LOAD	THICKNESS	MAX LOAD
0.060"	110lbs	0.088"	200lbs
0.068"	120lbs		
0.073"	140lbs	0.098"	250lbs
0.079"	180lbs	0.113"	250lbs

FOR LOADS LOCATED MORE THAN HALF FLANGE WIDTH
FROM WEB, USE HALF OF THE LOADS SHOWN ABOVE.

BOTTOM FLANGE CLAMP HANGER (TOP FLANGE SIMILAR)

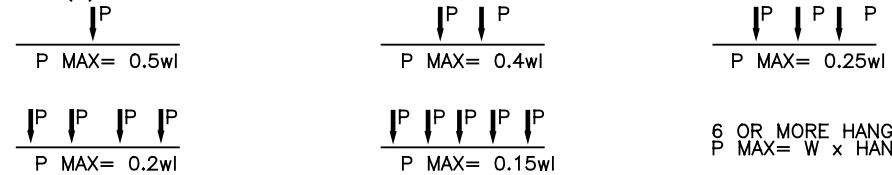
DO NOT USE ANY OF THE DETAILS ABOVE IF ROOF SLOPE IS GREATER THAN 4:12



DOUBLE PURLIN HANGERS
VERIFY OVERALL PURLIN DESIGN CAN SUPPORT APPLIED LOADS.

GENERAL NOTES

- CONCENTRATED LOADS GREATER THAN 500lbs ON ANY SINGLE PURLIN MUST BE EXPLICITLY LOCATED AND DESIGNED FOR DURING DESIGN OF BUILDING SYSTEM.
- SPECIFIED COLLATERAL LOADS MAY BE CONVERTED TO SAFE CONCENTRATED LOADS AS FOLLOWS, WHERE P = MAX CONCENTRATED LOAD(lbs); W = UNIFORM COLLATERAL LOAD (PSF) x PURLIN SPACING (ft) = lbs/ft; L = PURLIN SPAN (ft). HANGERS SHOULD BE SPACED APPROX. EQUAL.



6 OR MORE HANGERS PER PURLIN
P MAX= W x HANGER SPACING

EXAMPLE: A PIPE IS SUSPENDED FROM A PURLIN AT 3 LOCATIONS EQUALLY SPACED
BAY SPACING = 24'-0"
SPECIFIED COLLATERAL LOAD = 5 PSF
W = 5 PSF x 5' = 25 PLF L = 24'-0"
P MAX = 0.25 x 25 PLF x 24'-0" = 150 LBS AT EACH LOCATION
THE PURLIN CAN SUPPORT 3 LOADS UP TO 150 LBS EACH. PICK A HANGER CONNECTION CAPABLE OF SUPPORTING ACTUAL APPLIED LOADS.

- FOR LOADS GREATER THAN 250 lbs, PURLINS MUST BE "BLOCKED" AT LOCATION OF LOAD TO PREVENT PURLIN ROTATION.
- EQUIPMENT LOADS SHOULD BE OBTAINED FROM CERTIFIED EQUIPMENT DRAWINGS AND MANUFACTURER'S DATA.
- Z-PURLINS WILL DEFLECT UNDER SNOW AND WIND LOADS. ITEMS THAT MAY BE DAMAGED DUE TO DEFLECTIONS, (EX. GAS LINES), VERIFY THAT PIPES OR SUSPENDED EQUIPMENT ARE COMPATIBLE WITH EXPECTED DEFLECTION RANGES ($\pm L/180$).
- THE NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) REQUIRES SPRINKLER HANGERS TO BE DESIGNED FOR A MINIMUM LOAD OF FIVE TIMES THE WEIGHT OF THE WATER-FILLED PIPE PLUS 250 POUNDS. THE HANGER ITSELF MUST BE ABLE TO SUPPORT THIS LOADING. IT IS NOT NECESSARY TO DESIGN THE SUPPORTING MEMBER FOR THIS LOAD IN COMBINATION WITH THE DESIGN LOADS.
- SUSPENDED LOADS WILL NEED TO BE BRACED (TO THE PRIMARY FORCE RESISTING SYSTEM) FOR LATERAL STABILITY DUE TO EARTHQUAKES.
- HANGER DESIGN IS NOT THE RESPONSIBILITY OF BLUESCOPE.
- TOP FLANGE HANGERS SHOULD BE AVOIDED ON BUILDINGS WITHOUT INSULATION SPACER BLOCKS ON TOP OF THE TOP FLANGE. IF TOP FLANGE HANGERS ARE REQUIRED, PLACE THE HANGERS AT THE ROOF PANEL MAJOR CORRUGATION LOCATION TO AVOID DAMAGING THE ROOF PANEL WITH THE HANGER WHEN THE ROOF PANEL IS LOADED OR WALKED ON.
- WHEN BEAM C-CLAMPS OR OTHER ROD HANGERS ARE USED ON THE TOP FLANGE, THE ROD SHOULD NOT EXTEND ABOVE THE TOP OF THE CLAMP TO AVOID DAMAGING THE ROOF PANEL WITH THE ROD WHEN THE ROOF PANEL IS LOADED OR WALKED ON.
- DO NOT HANG ANY TYPE OF CRANE, HOIST, CONVEYOR OR ANY MOVING LOADS FROM THE Z-PURLINS.
- DO NOT HANG ANY LOAD FROM BBNA SUPPLIED PURLIN BRACES OR BRIDGING.
- DO NOT WELD ANY PART OF THE Z-PURLIN.
- HOLES MUST NOT EXCEED 9/16" DIAMETER UNLESS AUTHORIZED BY BBNA ENGINEER. DRILL OR REAM HOLES WHEN REQUIRED-- DO NOT FLAME CUT



CONCENTRATED LOADS ON ROOF Z-PURLIN HANGER DETAILS			
DRAWN BY REVERITT	CHECKED BY RBENTON	GROUP NUMBER: 80-054-01	
FIRST RELEASE DATE 02/26/10	REVISION DATE 02/26/20	B	B-081465 09

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				Rev	Date	By	Description	Builder	GREGORY DEVELOPMENT, LLC		
								Customer	Matt Johnson		
								Location	Fuquay Varina, North Carolina		
								Project	Revels Tractor Storage Shed		
								Builder's PO#			
				NTS							
				11/4/2025 SEDSheet 8:34:09			Filename: 2176-26-0239 Revels Tractor Storage Shed				

VP BUILDINGS

VARCO PRUDEN

Job #

25-026052-01

Date

11/07/2025

Drawn/Check

FRP AOC

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VPC Version:

25.2.0

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ANTI-ROLL CLIP ARC1	DOOR JAMB CLIP (OUTSET) DJC1-	DOOR JAMB CLIP (INSET) DJC2-	DOOR JAMB CLIP (INSET) DJC4L-	DOOR JAMB CLIP (INSET) DJC4R-	EAVE ATTACHMENT PLATE EAP1	ENDFRAME EAVE ATTACHMENT PLATE EAP2	EAVE STRUT BRACE STRAP ESBS-
EAVE STRUT SHIM PLATE ESH-	BOLTED FULL FRAME CLIP FFC-	GIRT CLIP TO RAFTER GC18-	INSET GIRT CLIP TO RAFTER LEFT / RIGHT GC19 1/2R	GIRT / JAMB CLIP GC5	INSET GIRT TO GAGE COLUMN FLG. CLIP GC53	VARIABLE LEG CLIP & 5 GIRTS GC71-	CORNER COLUMN TO RAKE CHANNEL CLIP GC9
GIRT CLIP GAGE ENDWALL GC91 A/B	VARIABLE OUTSET GIRT CLIP GCD	VARIABLE INSET GIRT CLIP GCE	GAGE POST GIRT CLIP GCW1	11.5 INSET GIRT CLIP GCZZ	GIRT FILLER ANGLE GFA	JAMB TO COLUMN MISC. PLATE JC-	JAMB TO GIRT CLIP 8.5 - 8.5 JTG1
JAMB TO GIRT CLIP 11.5 - 10 / 11.5 JTG2	JAMB TO GIRT CLIP 7 - 7 JTG3	JAMB TO GIRT CLIP 10 - 10 JTG4	SIMPLE SAVER FB CLIP KMA1	GUSSETED PURLIN GIRT CLIP PC4/PC5	ANTI-ROLL PURLIN CLIP PC27	PURLIN / GIRT CLIP PG1	VARIABLE PURLIN GIRT CLIP PGV-
VARIABLE OUTSET GIRT CORNER CLIP VCC-	CLIP WBBC2	FLAT WIDTH BEND LOC BEND LOC HIP FRAME CONNECTION CLIP 02H-	FLAT WIDTH BEND LOC BEND LOC HIP FRAME CONNECTION CLIP 06H-	FLAT WIDTH BEND LOC BEND LOC HIP FRAME CONNECTION CLIP 10H-			



11/10/2025

BENT CLIPS			
DRAWN BY NF	CHECKED BY RJR	GROUP NUMBER: - -	
FIRST RELEASE DATE 01/28/13	REVISION DATE 07/21/16	B	B-081765 04

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ROOF/WALL STRUCTURAL FASTENER
(T-2) #12-14 x 1 1/4", 5/16" HEX HD, SS CAP W/WASHER
MARK
NUMBER COLOR
097584_____ SEE COLOR SUFFIX CHART BELOW

ROOF/WALL STRUCTURAL FASTENER
(T-2) #12-14 x 1 1/2", 5/16" HEX HD, SS CAP W/WASHER
MARK
NUMBER COLOR
097585_____ SEE COLOR SUFFIX CHART BELOW

WALL STRUCTURAL FASTENER
(T-2) #17/#12-14 x 1 7/8", STAND OFF 5/16" HEX HD, SS CAP W/WASHER
MARK
NUMBER COLOR
097597_____ SEE COLOR SUFFIX CHART BELOW

ROOF STITCH FASTENER
(T-1) 1/4-14 x 1 1/8", 5/16" HEX HD, SS CAP W/WASHER
MARK
NUMBER COLOR
097582_____ SEE COLOR SUFFIX CHART BELOW

ROOF/WALL STITCH FASTENER
(T-1) 1/4-14 x 7/8", 5/16" HEX HD, SS CAP W/WASHER
MARK
NUMBER COLOR
097581_____ SEE COLOR SUFFIX CHART BELOW

COLOR SUFFIX CHART

SUFFIX	COLOR	SUFFIX	COLOR
100 =	COOL ARCTIC WHITE	112 =	COOL GRANITE GRAY
101 =	COOL EGYPTIAN WHITE	113 =	COOL SIERRA TAN
102 =	COOL COTTON WHITE	115 =	COOL COLBALT BLUE
103 =	COOL COLONIAL RED	116 =	COOL ZINC GRAY
104 =	COOL STRAW GOLD	117 =	COOL COPPER PENNY
105 =	COOL DARK BRONZE	118 =	COOL METALLIC SILVER
106 =	COOL WEATHERED COPPER	119 =	COOL JADE GREEN
107 =	COOL BERMUDA GREEN	120 =	COOL BRIGHT RED
108 =	COOL HEMLOCK GREEN	121 =	COOL PARCHMENT
109 =	COOL LEAF GREEN	122 =	COOL OLD TOWN GRAY
110 =	COOL EBONY	UNPNTD =	UN PAINTED
111 =	COOL IMPERIAL BLUE	SPR =	SPECIAL REQUEST

MISC. STRUCTURAL FASTENERS
MARK
NUMBER
55307 (T-3) 1/4-14 x 1 1/4", 5/16" HEX HD
55309 (T-3) 1/4-14 x 2", 5/16" HEX HD
55310 (T-3) 1/4-14 x 3", 3/8" HEX HD
55311 (T-3) 1/4-14 x 4", 3/8" HEX HD
56104 (T-5) #12-24 x 1 1/2", 5/16" HEX HD
59227 (T-5) 1/4-28 x 3", 5/16" HEX HD
59228 (T-5) 1/4-28 x 4", 5/16" HEX HD
55308 (T-AB) #17-14 x 1", 5/16" HEX HD, SS CAP W/WASHER (BAG of 50)
58015 (T-1) 1/4-14 x 1 1/8", 5/16" HEX HD, SS CAP W/ 7/8" WASHER

RIVETS
BULB TITE STRUCTURAL BLIND RIVET
MARK
NUMBER DESCRIPTION COLOR
55160 VP200 RIVET (RV6604-6-8W OLYMPIC BULB TITE) ALUMINUM
55181 VP205 RIVET (RV6604-6-4W OLYMPIC BULB TITE) COOL ARCTIC WHITE
55185 VP205 RIVET (RV6604-6-4W OLYMPIC BULB TITE) COOL DARK BRONZE

SEALANT
MARK
NUMBER DESCRIPTION
016688 GRAY SKINNING
025392 GRAY NON-SKINNING
80507 BRONZE SKINNING
80531 FLEXIBLE FLASHING
 SILICONE ADHESIVE (GRAY)

TAPE MASTIC
MARK
NUMBER DESCRIPTION
97663 3/16" X 1 1/2" X 40' ROLL
97662 3/16" X 1" X 28" BOX OF 100
 200 LINEAL FEET OF COVERAGE PER BOX
80347 1/8" X 1" X 9" (50) AND 3" (150) BOX
 100 LINEAR FEET OF COVERAGE PER BOX
027893 1/8" X 1" X 25' ROLL
025390 3/16" X 1/4" X 40' ROLL

PANEL CLOSURES
MARK
NUMBER DESCRIPTION
80130 PANEL RIB 3' INSIDE CLOSURE
80140 PANEL RIB 3' OUTSIDE CLOSURE
80360 VEE RIB 3' INSIDE CLOSURE
80362 VEE RIB 3' OUTSIDE CLOSURE
80140 RPR 3' INSIDE PANEL CLOSURE
80130 RPR 3' OUTSIDE PANEL CLOSURE
80135 SSR FOAM INSIDE CLOSURE
80136 SSR HARD RUBBER INSIDE CLOSURE

POP RIVETS
POP RIVET 1/8 x 3/8"
MARK
NUMBER COLOR
097580_____ SEE COLOR SUFFIX CHART BELOW

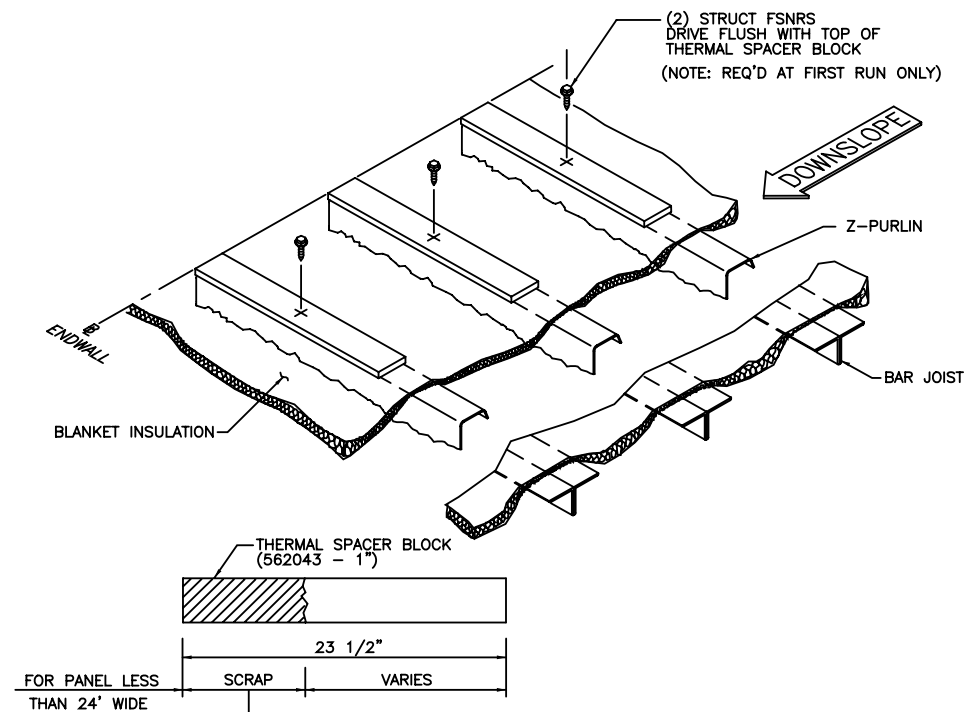


11/10/2025

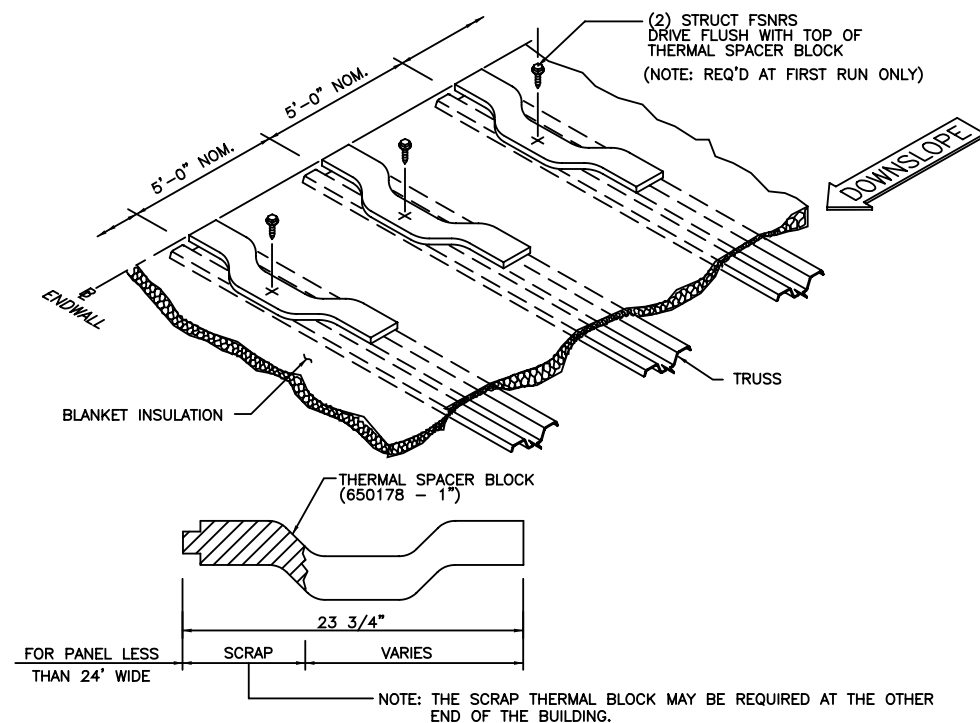
VP COMMON WAREHOUSE PARTS			
DRAWN BY BJW	CHECKED BY RJR	GROUP NUMBER:	
FIRST RELEASE DATE 01/22/13	REVISION DATE 06/24/22	B	S-081767 08

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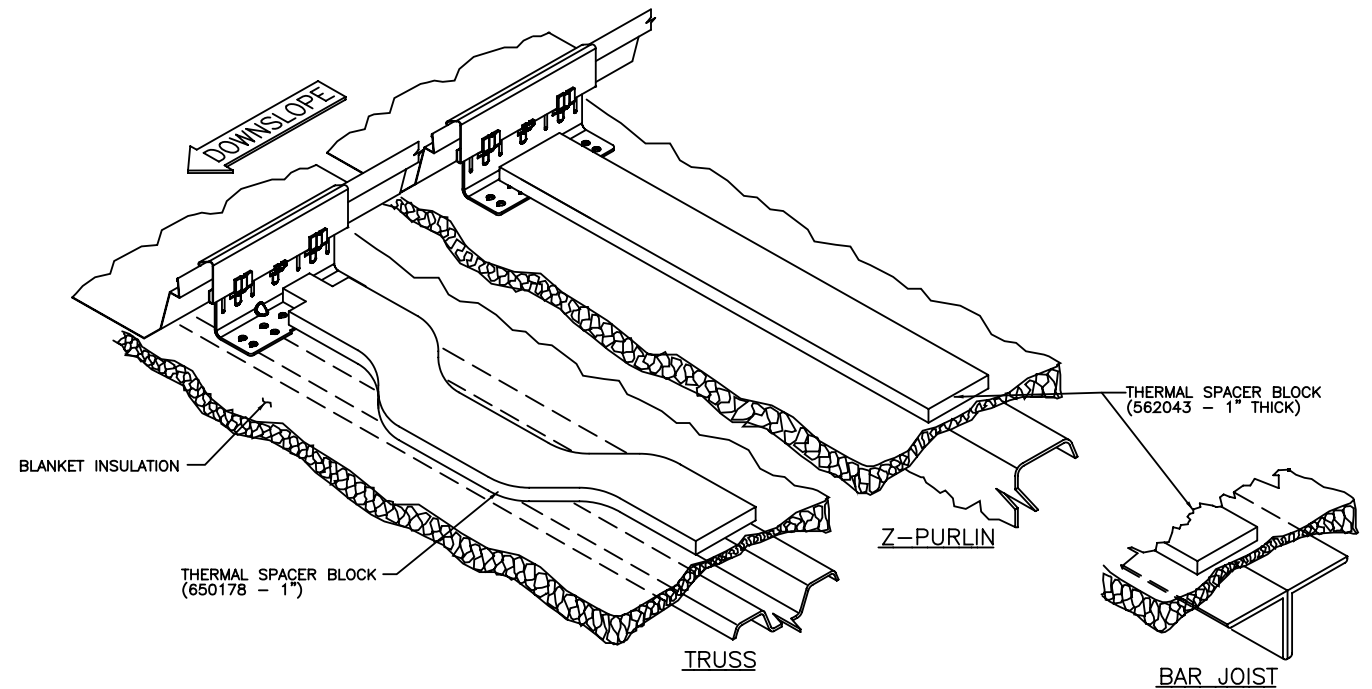
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				Rev	Date	By	Description			Builder	GREGORY DEVELOPMENT, LLC
										Customer	Matt Johnson
										Location	Fuquay Varina, North Carolina
										Project	Revels Tractor Storage Shed
										Builder's PO#	
				NTS							
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Z-PURLIN (or BAR JOIST) DETAIL 1



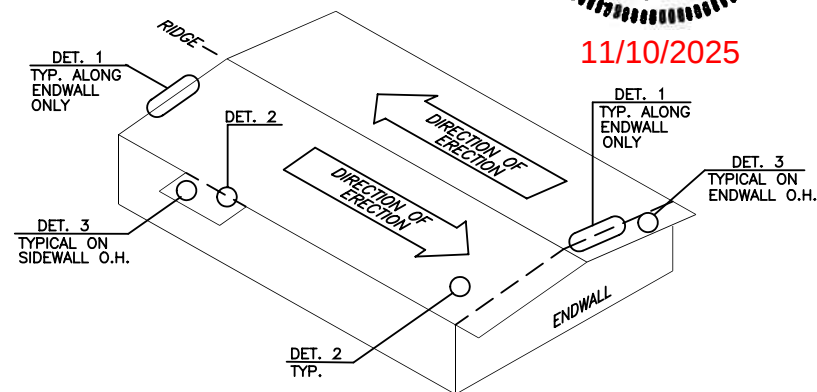
TRUSS PURLIN DETAIL 1



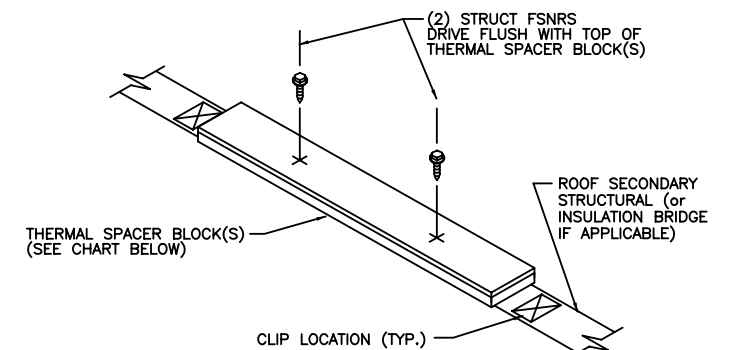
THERMAL SPACER BLOCK - DETAIL 2



11/10/2025



BUILDING KEY



NOTE: IT IS RECOMMENDED THAT OPEN AREAS HAVE A MINIMUM OF
2" FACED INSULATION TO REDUCE CONDENSATION IN
THESE AREAS.
- IN OPEN AREAS WITH NO BLANKET INSULATION MORE THAN ONE
THERMAL BLOCK MAY BE REQUIRED TO FILL VOID FOR PANEL SUPPORT.
SEE CHART BELOW:

THERMAL BLOCKS AT OPEN AREAS	
CLIP HEIGHT - GAP:	THERMAL BLOCKS:
SHORT - 1/2"	650179
MEDIUM - 1"	562043
TALL - 1 1/2"	650179, 562043
X-TALL - 2"	(2) 562043

THERMAL BLOCK AT OPEN AREAS - DETAIL 3

SSR THERMAL BLOCK INSTALLATION			
DRAWN BY BPB	CHECKED BY RJR	GROUP NUMBER: 00 00 00	
FIRST RELEASE DATE 01/19/16	REVISION DATE 06/29/18	B	S-090028 02

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VP Buildings			
3200 Players Club Circle Memphis TN 38125			
Rev	Date	By	Description
NTS			

S-090028	
Builder	GREGORY DEVELOPMENT, LLC
Customer	Matt Johnson
Location	Fuquay Varina, North Carolina
Project	Revels Tractor Storage Shed
Builder's PO#	



VPC Version: 25.2.0

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