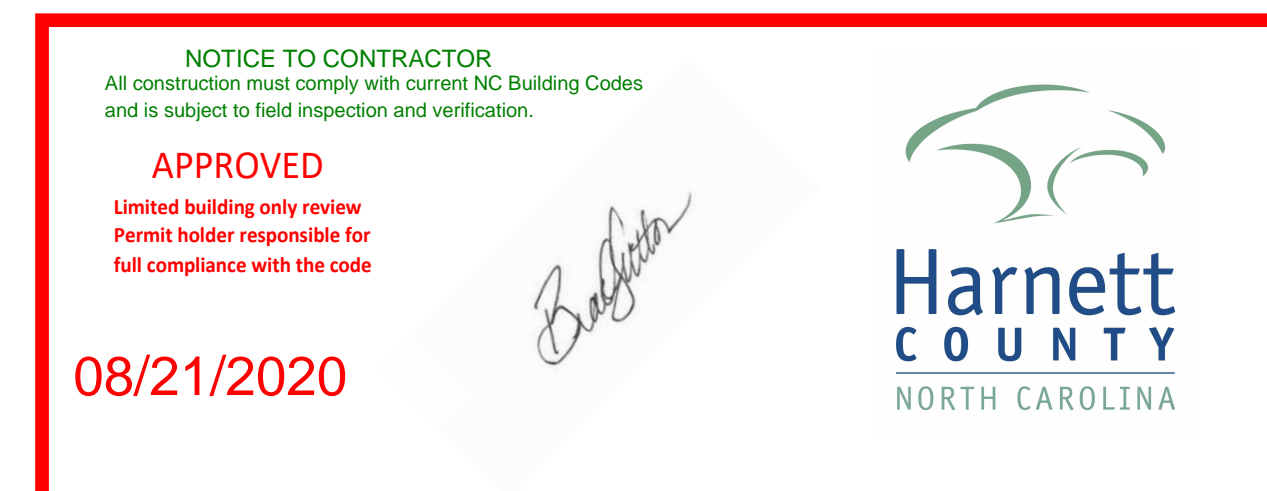


BUILDING PLANS

J&M GSO FV LLC

4792 Rawls Church Rd

HARNETT COUNTY, NORTH CAROLINA



PREPARED FOR

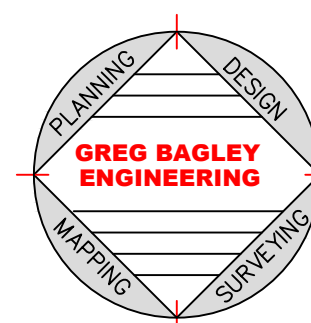
MIKE FREEMAN
J&M GSO FV LLC
4792 RAWLS CHURCH RD
FUQUAY VARINA, NC
TELEPHONE (919) 577-0746

ENGINEER

GREG BAGLEY
805 COKESBURY ROAD
FUQUAY VARINA, NC
PHONE: (919) 552-1600

SHEET INDEX

0000....COVER SHEET
0001....APPENDIX B / BUILDING CODE SUMMARY
0002...SITE PLAN
0003....FLOOR PLAN
0004....ELEVATIONS
0005...FOUNDATION
0006...PLUMBING
0007....ELECTRICAL



NOTE:
ALL CONSTRUCTION TO BE IN ACCORDANCE
WITH HARNETT COUNTY NC.

1972 CONSTRUCTION FOR THIS FACILITY

2018 APPENDIX B BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS

Name of Project: J&M GSO FV LLC
Address: 4792 RAWLS CHURCH RD, HARNETT COUNTY, NC, Zip Code 27558
Owner/Authorized Agent: C. Gregory Bagley, P.E. Phone # (919) 609-0300 E-Mail: cgb@gregbagley.com

Table with columns: DESIGNER, FIRM, NAME, LICENSE #, TELEPHONE #, E-MAIL. Lists various engineering disciplines like Architectural, Civil, Electrical, etc.

2018 NC EXISTING BUILDING CODE: Select one
CONSTRUCTED (date):
RENOVATED: (date) PROPOSED OCCUPANCY(S) (Ch. 3):

BASIC BUILDING DATA
Construction Type: Select one
Sprinklers: Select one
Standpipes: Select one
Primary Fire District: Select one
Special Inspections Required: Select one

Table: Gross Building Area Table. Columns: FLOOR, EXISTING (SQ FT), NEW (SQ FT), SUB-TOTAL. Rows: 3rd Floor, 2nd Floor, Mezzanine, 1st Floor, Basement, TOTAL.

2018 NC Administrative Code and Policies

ALLOWABLE AREA

Primary Occupancy Classification(s): Select one
Accessory Occupancy Classification(s):
Special Uses (Chapter 4 - List Code Sections):
Special Provisions: (Chapter 6 - List Code Sections):

Table: STORY, NO., DESCRIPTION AND USE, BLDG AREA PER STORY (ACTUAL), AREA, ALLOWABLE AREA PER STORY OR UNLIMITED, 3. Row 1: STORAGE, 11650, 21,000, N/A, 21,000.

- 1 Frontage area increases from Section 506.3 are computed thus:
a. Perimeter which fronts a public way or open space having 20 feet minimum width = N/A (F)
b. Total Building Perimeter = N/A (P)
c. Ratio (F/P) = N/A (F/P)
d. W = Minimum width of public way = N/A (W)
e. Percent of frontage increase F = 100(F/P - 0.25) x W/30 = N/A (%)

ALLOWABLE HEIGHT

Table: Building Height in Feet (Table 504.3) 2, Building Height in Stories (Table 504.3) 3. Columns: ALLOWABLE, SHOWN ON PLANS, CODE REFERENCE 1.

- 1 Provide code reference if the "Shown on Plans" quantity is not based on Table 504.3 or 504.4.
2 The maximum height of air traffic control towers must comply with Table 412.3.1.
3 The maximum height of open parking garages must comply with Table 406.5.4.

2018 NC Administrative Code and Policies

FIRE PROTECTION REQUIREMENTS

Table: FIRE PROTECTION REQUIREMENTS. Columns: BUILDING ELEMENT, FIRE SEPARATION DISTANCE (FEET), RATIO, DETAIL #, DESIGN #, SHEET # FOR RATED PENETRATION, SHEET # FOR RATED JOINTS. Rows: Structural Frame, Exterior walls, Interior walls, etc.

2018 NC Administrative Code and Policies

PERCENTAGE OF WALL OPENING CALCULATIONS

Table: PERCENTAGE OF WALL OPENING CALCULATIONS. Columns: FIRE SEPARATION DISTANCE (FEET) FROM PROPERTY LINES, DEGREE OF OPENINGS PROTECTION (TABLE 705.6), ALLOWABLE AREA (%), ACTUAL SHOWN ON PLANS (%). Row 1: 30', UL-5, 70%, 70%.

LIFE SAFETY SYSTEM REQUIREMENTS

Emergency Lighting: Select one
Exit Signs: Select one
Fire Alarm: Select one
Smoke Detection Systems: Select one
Carbon Monoxide Detection: Select one

LIFE SAFETY PLAN REQUIREMENTS

- Life Safety Plan Sheet #:
Fire and/or smoke rated wall locations (Chapter 7)
Assumed and real property line locations (if not on the site plan)
Exterior wall opening area with respect to distance to assumed property lines (705.6)
Occupancy Use for each area as it relates to occupant load calculation (Table 1004.1.2)
Occupant loads for each area
Exit access travel distances (1017)
Common path of travel distances (Tables 1006.2.1 & 1006.3.2(1))
Dead end lengths (1020.4)
Clear exit widths for each exit door
Maximum calculated occupant load capacity each exit door can accommodate based on egress width (1005.3)
Actual occupant load for each exit door
A separate schematic plan indicating where fire rated floor/ceiling and/or roof structure is provided for purposes of occupancy separation
Location of doors with panic hardware (1010.1.10)
Location of doors with delayed egress locks and the amount of delay (1010.1.9.7)
Location of doors with electromagnetic egress locks (1010.1.9.9)
Location of doors equipped with hold-open devices
Location of emergency escape windows (1030)
The square footage of each fire area (202)
The square footage of each smoke compartment for Occupancy Classification I-2 (407.5)
Note any code exceptions or table notes that may have been utilized regarding the items above

2018 NC Administrative Code and Policies

ACCESSIBLE DWELLING UNITS

Table: ACCESSIBLE DWELLING UNITS (SECTION 1107). Columns: TOTAL UNITS, ACCESSIBLE UNITS, TYPE A UNITS, TYPE B UNITS, TOTAL ACCESSIBLE UNITS. Row 1: 8, 1, 1, 1, 1.

ACCESSIBLE PARKING

Table: ACCESSIBLE PARKING (SECTION 1107). Columns: LOT OR PARKING AREA, TOTAL # OF PARKING SPACES, # OF ACCESSIBLE SPACES PROVIDED, TOTAL # ACCESSIBLE PROVIDED. Row 1: 16, 18, 2, 2.

PLUMBING FIXTURE REQUIREMENTS

Table: PLUMBING FIXTURE REQUIREMENTS (TABLE 2902.1). Columns: USE, WATERCLOSETS, URINALS, LAVATORIES, SHOWERS, DRINKING FOUNTAINS. Row 1: NEW, 1, 1, 1, 1.

SPECIAL APPROVALS

Special approval: (Local Jurisdiction, Department of Insurance, OSC, DPI, DHHS, etc., describe below)

2018 NC Administrative Code and Policies

ENERGY SUMMARY

ENERGY REQUIREMENTS: The following data shall be considered minimum and any special attribute required to meet the energy code shall also be provided. Each Designer shall furnish the required portions of the project information for the proposed design.

Existing building envelope complies with code: Select one

Exempt Building: Select one Provide code or statutory reference:

Climate Zone: 4

Method of Compliance: Select one (If "Other" specify source here) PERSCRIPTIVE

THERMAL ENVELOPE (Prescriptive method only)

Roof/ceiling Assembly (each assembly)
Description of assembly:
U-Value of total assembly:
Skylights in each assembly:
U-Value of skylight:
total square footage of skylights in each assembly:

Exterior Walls (each assembly)

Description of assembly:
U-Value of total assembly:
R-Value of insulation:
Openings (windows or doors with glazing)
U-Value of assembly:
Solar heat gain coefficient:
projection factor:
Door R-Values:

Walls below grade (each assembly)

Description of assembly:
U-Value of total assembly:
R-Value of insulation:

Floors over unconditioned space (each assembly)

Description of assembly:
U-Value of total assembly:
R-Value of insulation:

Floors slab on grade

Description of assembly:
U-Value of total assembly:
R-Value of insulation:
Horizontal/vertical requirement:
slab heated:

2018 NC Administrative Code and Policies

2018 APPENDIX B BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS

DESIGN LOADS:
Importance Factors: Snow (IS) Select one .87, Seismic (IE) Select one 4
Live Loads: Roof 20 psf, Mezzanine 20 psf, Floor 50 psf, 100 PSF FOR COMMON PORCHES
Ground Snow Load: 15 psf
Wind Load: Ultimate Wind Speed 110 mph (ASCE-7), Exposure Category Select one C

SEISMIC DESIGN CATEGORY: Select one

Risk Category (Table 1604.5) Select one 1
Spectral Response Acceleration Ss 0.2 %g S1 3.7 %g
Site Classification (ASCE 7) Select one E
Data Source Select one PRESUMPTIVE
Basic structural system Select one BUILDING FRAME
Analysis Procedure Select one SIMPLIFIED
Architectural, Mechanical, Components anchored? Select one

LATERAL DESIGN CONTROL: Select one

SOIL BEARING CAPACITIES:
Select one 2000 psf
File size, type, and capacity

2018 NC Administrative Code and Policies

2018 APPENDIX B BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS

MECHANICAL DESIGN (PROVIDE ON THE MECHANICAL SHEETS IF APPLICABLE)

MECHANICAL SYSTEMS, SERVICE SYSTEMS AND EQUIPMENT

Thermal Zone winter dry bulb: summer dry bulb:

Interior design conditions winter dry bulb: summer dry bulb: relative humidity:

Building heating load:
Building cooling load:

Mechanical Spacing Conditioning System

Unitary description of unit: heating efficiency: cooling efficiency: size category of unit:
Boiler Size category, if oversized, state reason:
Chiller Size category, if oversized, state reason:

List equipment efficiencies:

2018 NC Administrative Code and Policies

2018 APPENDIX B 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: Select one PERSCRIPTIVE

Lighting schedule (each fixture type) PER DRAWINGS

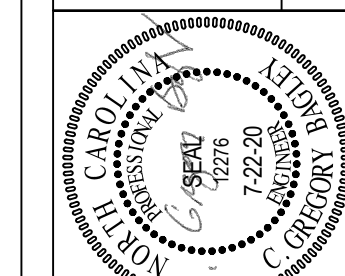
lamp type required in fixture
number of lamps in fixture
ballast type used in the fixture
number of ballasts in fixture
total wattage per fixture
total interior wattage specified vs. allowed (whole building or space by space)
total exterior wattage specified vs. allowed

Additional Efficiency Package Options

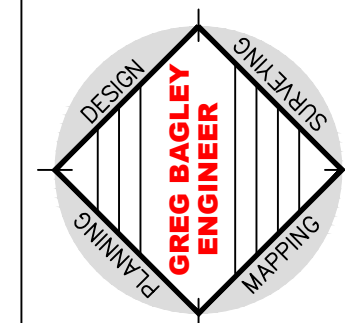
- (When using the 2018 NCECC; not required for ASHRAE 90.1)
C406.2 More Efficient HVAC Equipment Performance
C406.3 Reduced Lighting Power Density
C406.4 Enhanced Digital Lighting Controls
C406.5 On-Site Renewable Energy
C406.6 Dedicated Outdoor Air System
C406.7 Reduced Energy Use in Service Water Heating

2018 NC Administrative Code and Policies

Table: REVISIONS. Columns: NO., DESCRIPTION, BY.



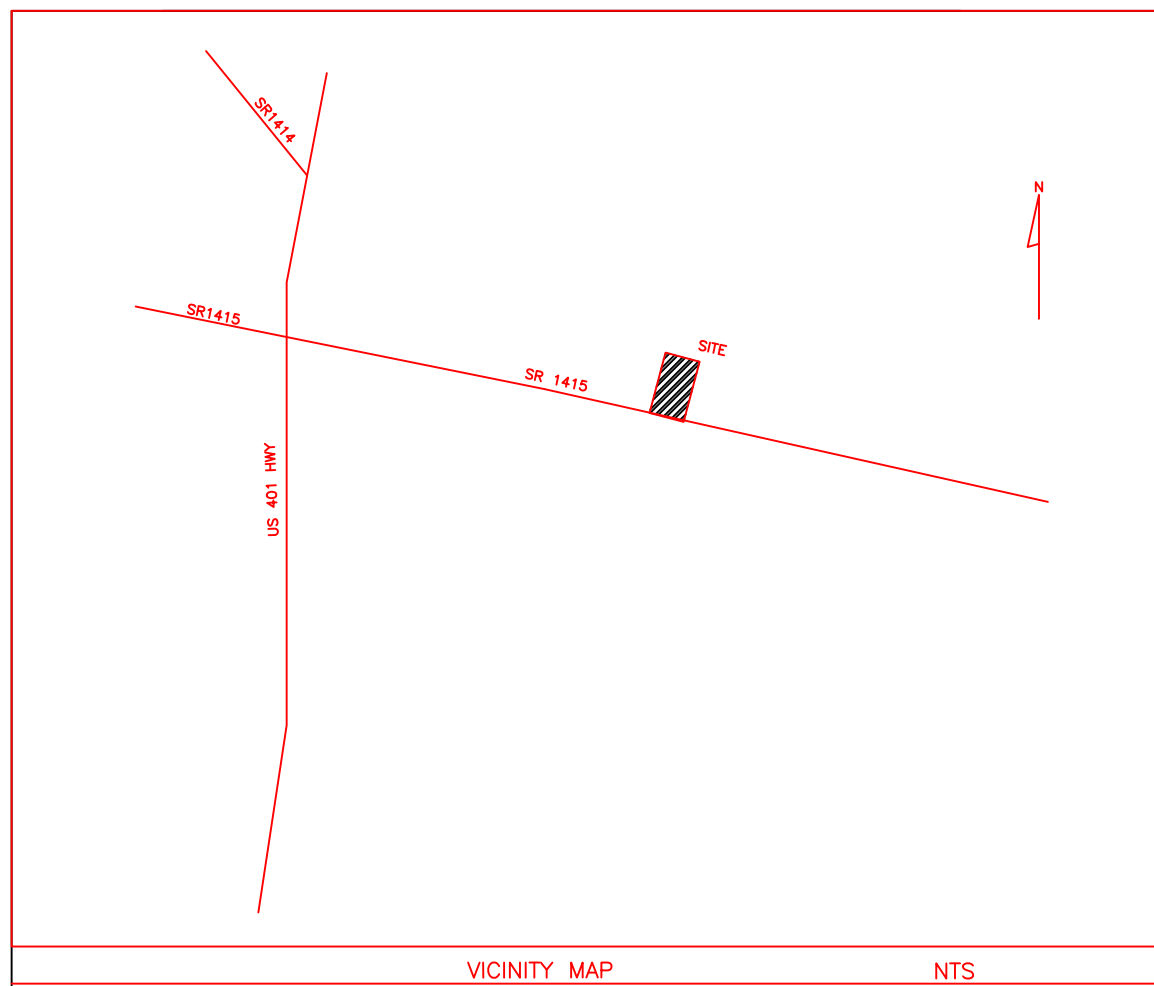
805 COKEBURY ROAD
NORTH CAROLINA, NC 27526
PHONE: (919) 552-1600
FAX: (919) 552-6325



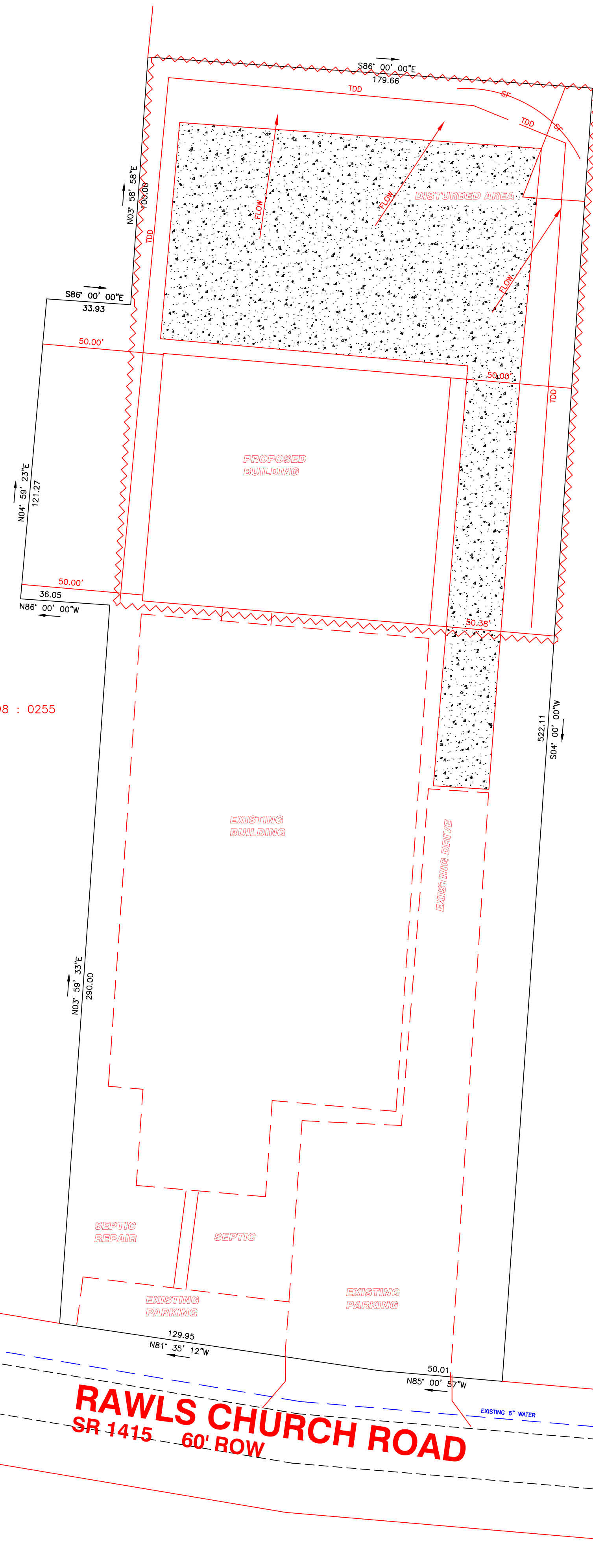
FLOOR PLAN

J&M GSO FV LLC
LOCATED
4792 RAWLS CHURCH ROAD
NORTH CAROLINA
HARNETT COUNTY

DATE 5/7/20
SCALE 3/16:1
DESIGNED BY CGB
DRAWN BY
SHEET CD1-OF-1 CODE



VICINITY MAP NTS



REVELS JOSEPH KENT
Deed Book and Page - 2298 : 0255
PIN - 0654-69-8606.000

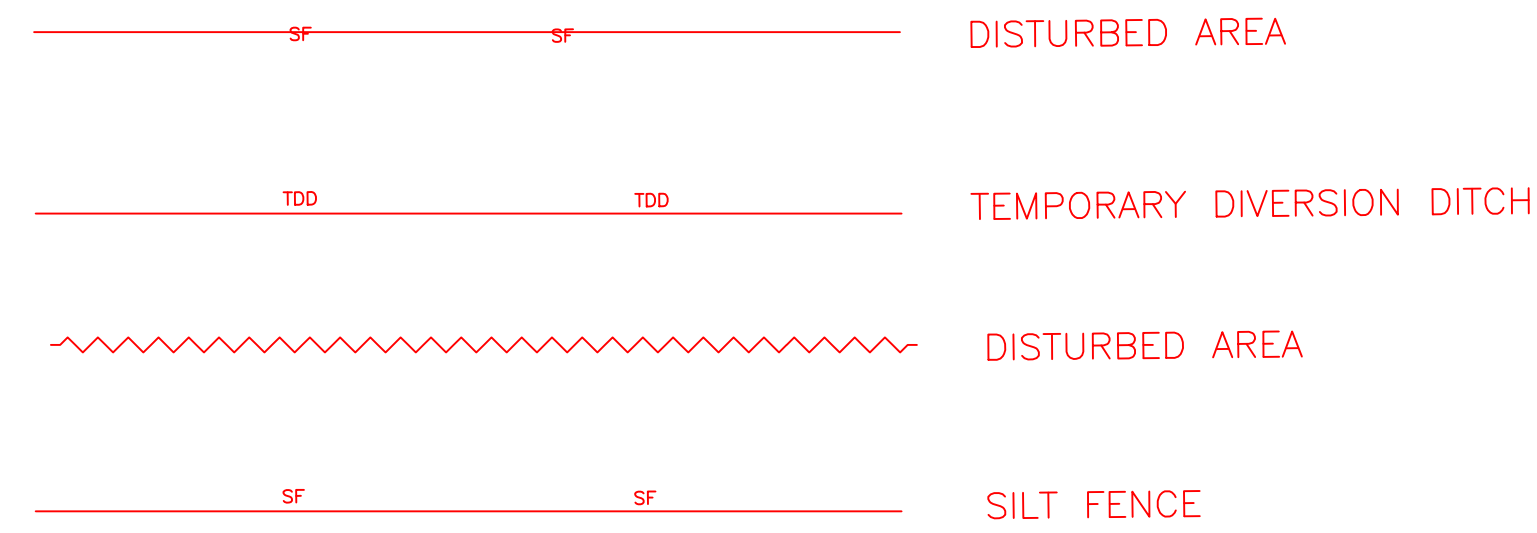
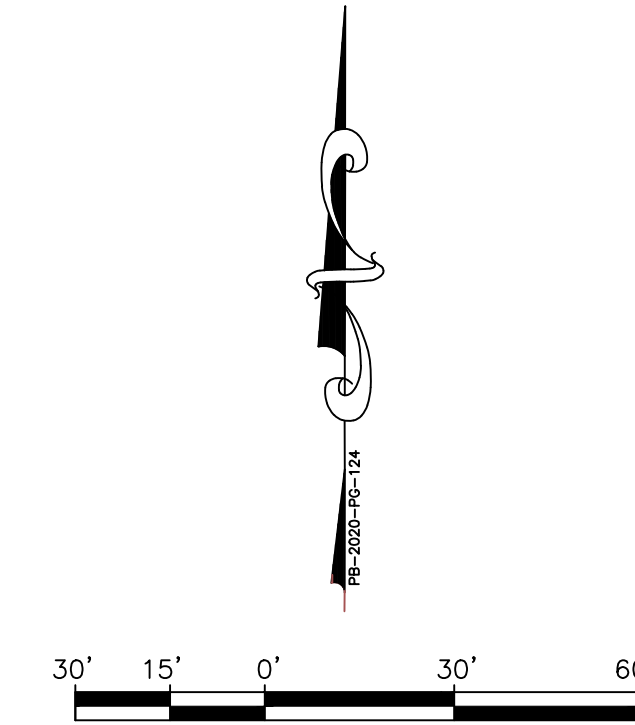
ROGERS LYDIA ANNETTE
DEED BOOK AND PAGE - 486 : 0026
PIN - 0655-80-1442.000

LANDSCAPE REQUIREMENTS

- Landscape buffer required along the side & rear property lines; show existing landscaped if applicable.
- o Type A & D landscaping buffer is required.
- o In addition to the A & D, all buffer areas shall include at least:
 1. A staggered row of large maturing trees, spaced not more than 30' apart; and
 2. Low-growing evergreen shrubs or mulch covering the balance of the buffer area.
- A. Type A Buffer
 1. Minimum width of 15' (applies to side and rear property lines)
 2. Option 1
A row of evergreen shrubs placed not more than 4'-6' apart which will grow to form a continuous hedge of at least 6' in height within 2 years of planting; or
 3. Option 2
A masonry wall located within the required buffer area; such wall shall be a minimum height of 6' (above finished grade); and, if a block wall, it shall be painted on all sides; or an opaque fence 6' in height; or
 4. Option 3
A berm: 3:1 max slope, with stabilizing groundcover and above noted plantings
- B. Type D Buffer
 1. Minimum width of 15' (applies to property lines adjacent to public right-of-way or as otherwise noted within this Ordinance)
 2. Option 1
A row of evergreen shrubs, 10 shrubs for every required large maturing tree, placed not more than 4' apart which will grow to form a continuous hedge of at least 6' in height within 2 years of planting; or
 3. Option 2
An opaque fence located within the required buffer area; such fence shall be a minimum height of 6' in height.

GENERAL NOTES

This property is within the WS-IV district. Note previous impervious & proposed impervious amounts. Since existing bldg. was before Zoning, that area is excluded.
All mechanical areas located on, beside, or adjacent to any building or developments shall be screened from the views of streets and adjacent property.
"Land Use Classification = Employment Mixed Use"
"This development is within one mile of a Voluntary Agricultural District."
Owner will be responsible for maintenance of the parking area and landscape buffering.
All existing & proposed utilities shown on plan.
No lighting added per this new construction
No signs to be changed or added per this construction
No dumpster added per this construction.
A new DW permit is not needed per Earl Locklear. He is providing a letter to that affect.



As the owner of record, I hereby formally consent to the proposed development shown on this site plan and all regulations and requirements of the Harnett County ordinances.

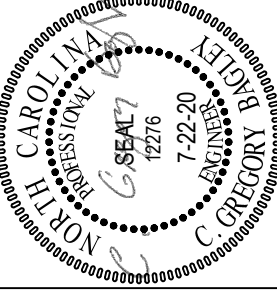
MIKE FREEMAN, OWNER

SITE DATA

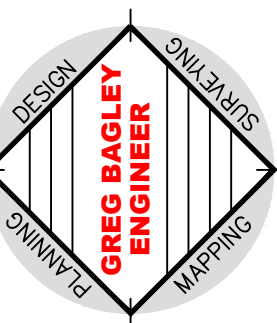
SITE	2.32 ACRES TOTAL
PIN NO	PIN - 0655-70-5277.000
EXISTING BUILDING	IND 24220 SQ FT
PROPOSED BUILDING	WAREHOUSE 11625 SQ FT
ZONING	IND
PARKING REQUIRED	5 SPACES
IMPERVIOUS AREA	64.7%
IMPERVIOUS AREA	64.7%
INDUSTRIAL SETBACKS	(FRONT = 50', SIDE = 50', REAR = 50')
HOURS OF OPERATION	7:00am TO 6:00pm

BEFORE DIGGING CALL 811
FOR LOCATE REQUESTS DIAL 811 OR 1-800-632-4949

REVISIONS	BY



805 COKEBURY ROAD
NORTH CAROLINA, NC 27526
PHONE: (919) 552-1600
FAX: (919) 552-6325



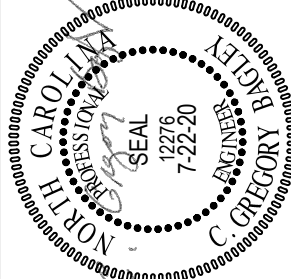
SITE PLAN

J&M GSO FV LLC
LOCATED
4702 RAWLS CHURCH ROAD
NORTH CAROLINA
HARNETT COUNTY

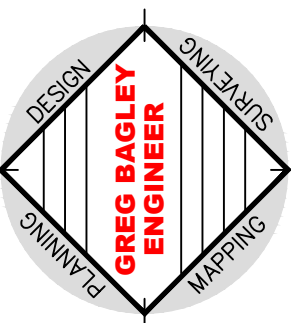
DATE	5/7/20
SCALE	1/4"=1'
DESIGNED BY	CGB
DRAWN BY	

SHEET
SP1-OF-1
SITE PLAN

REVISIONS	BY



805 COKEBURY ROAD
NORTH CAROLINA, NC 27526
PHONE: (919) 552-1600
FAX: (919) 552-6325



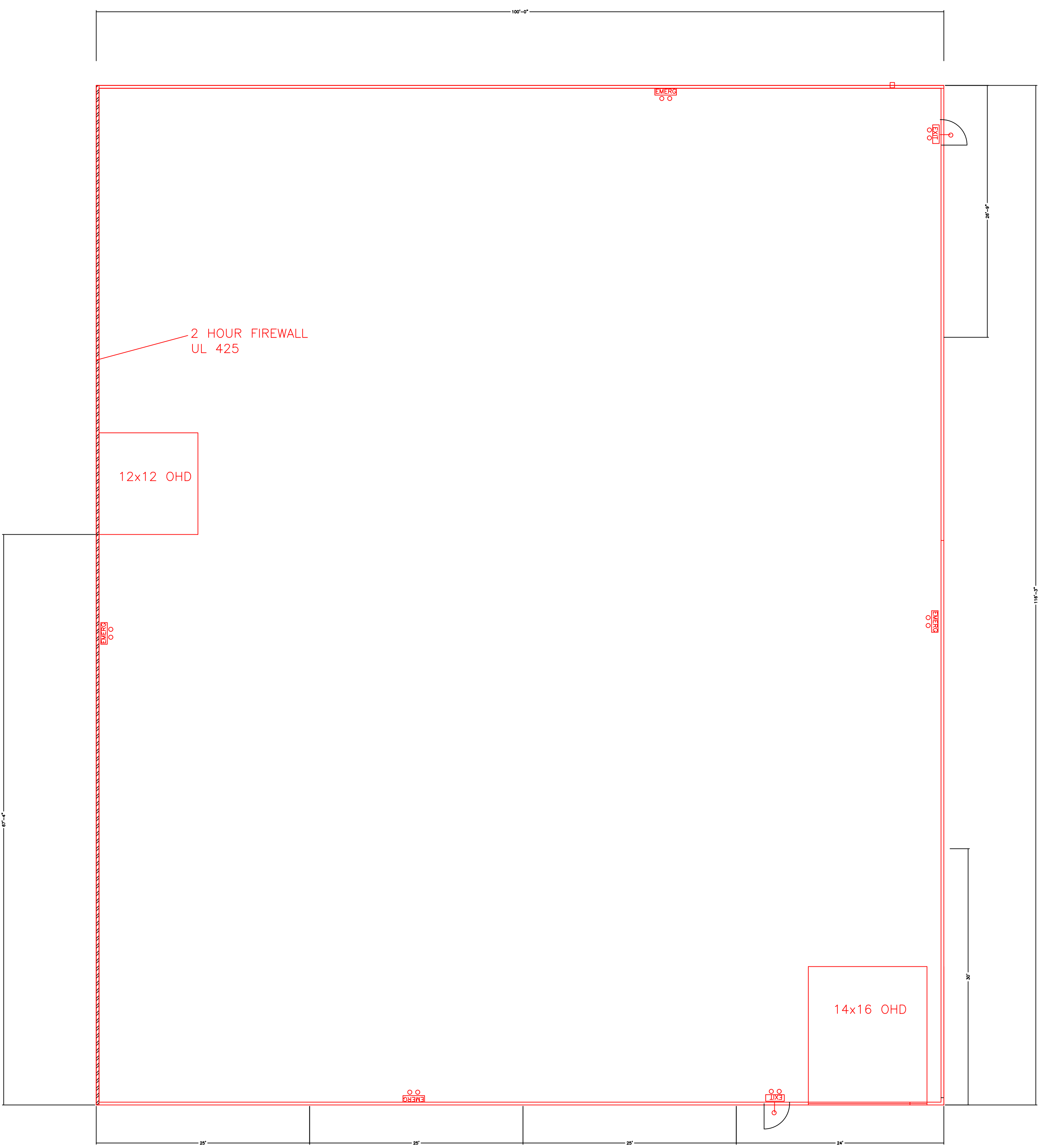
FLOOR PLAN

NORTH CAROLINA

J&M GSO FV LLC
LOCATED
4702 RAWLS CHURCH ROAD
NORTH CAROLINA

HARNETT COUNTY

DATE	5/7/20
SCALE	1/4"=1'
DESIGNED BY	CGB
DRAWN BY	
SHEET	FP1-OF-1
FLOOR PLAN	



6/29/2016 BXUV/U425 - Fire-resistance Ratings - ANSI/UL 263

ONLINE CERTIFICATIONS DIRECTORY

**Design No. U425
Design No. U425
BXUV/U425
Fire-resistance Ratings - ANSI/UL 263**

Page Bottom

Design/System/Construction/Assembly Usage Disclaimer

- Authorities Having Jurisdiction should be consulted in all cases as to the particular requirements covering the installation and use of UL Certified products, equipment, system, devices, and materials.
- Authorities Having Jurisdiction should be consulted before construction.
- Fire resistance assemblies and products are developed by the design submitter and have been investigated by UL for compliance with applicable requirements. The published information cannot address every construction nuance encountered in the field.
- When field issues arise, it is recommended the first contact for assistance be the technical service staff provided by the product manufacturer noted for the design. Users of fire resistance assemblies are advised to consult the general Guide Information for each product category and each group of assemblies. The Guide Information includes specifics concerning alternate materials and alternate methods of construction.
- Only products which bear UL's Mark are considered Certified.

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BXUV - Fire Resistance Ratings - ANSI/UL 263

BXUV7 - Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada

See General Information for Fire-resistance Ratings - ANSI/UL 263
See General Information for Fire-resistance Ratings - CAN/ULC-S101 Certified for Canada

Design No. U425

June 06, 2016

(For Exterior Walls, Ratings Applicable)

For Exposure To Fire On Interior Face Only.

(See Items 4 and 5)

Bearing Wall Rating - 45 Min., 1, 1-1/2 or 2 HR.

(See Items 2 and 4)

This design was evaluated using a load design method other than the Limit States Design Method (e.g., Working Stress Design Method). For jurisdictions employing the Limit States Design Method, such as Canada, a load restriction factor shall be used - See Guide BXUV or BXUV7.

* Indicates such products shall bear the UL or ULC Certification Mark for jurisdictions employing the UL or ULC Certification (such as Canada), respectively.

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6/29/2016 BXUV/U425 - Fire-resistance Ratings - ANSI/UL 263

INTERIOR WALL

HORIZONTAL SECTION

EXTERIOR WALL

HORIZONTAL SECTION

INTERIOR (FIRE) SIDE

1. **Floor and Ceiling Tracks** - (Not Shown) - Top and bottom tracks of wall assemblies shall consist of steel members, min. No. 20 MSG (0.029 in., min bare metal thickness) steel or min. No. 20 MSG (0.036 in. thick) galv steel or No. 20 MSG (0.031 in. thick) primed steel, that provide a rigid structural connection between steel studs, and to adjacent assemblies such as a floor, ceiling, and/or other walls. Attached to floor and ceiling assemblies with steel fasteners spaced not greater than 24 in. O.C.

2. **Steel Studs** - Min. 3-1/2 in. wide, No. 20 MSG (0.029 in., min bare metal thickness) corrosion protected cold formed steel studs designed in accordance with the current edition of the Specification for the Design of Cold-Formed Steel Structural Members by the American Iron and Steel Institute. All design details enhancing the structural integrity of the wall assembly, including the axial design load of the studs, shall be as specified by the steel stud designer and/or producer, and shall meet the requirements of all applicable local code agencies. The max stud spacing of wall assemblies shall not exceed 24 in. O.C. (or 16 in. O.C. when Item 5b is used). Studs attached to floor and ceiling tracks with 1/2 in. long Type S-12 steel screws on both sides of studs or by welded or bolted connections designed in accordance with the AISI specifications.

3. **Framing Members - Steel Studs** - In lieu of Item 2 - Min. 3-1/2 in. wide, No. 20 MSG (0.029 in., min bare metal thickness) corrosion protected cold formed steel studs designed in accordance with the current edition of the Specification for the Design of Cold-Formed Steel Structural Members by the American Iron and Steel Institute. All design details enhancing the structural integrity of the wall assembly, including the axial design load of the studs, shall be as specified by the steel stud designer and/or producer, and shall meet the requirements of all applicable local code agencies. The max stud spacing of wall assemblies shall not exceed 24 in. O.C. (or 16 in. O.C. when Item 5b is used). Studs attached to floor and ceiling tracks with 1/2 in. long Type S-12 steel screws on both sides of studs or by welded or bolted connections designed in accordance with the AISI specifications.

4. **EB METAL INC - EB Stud**

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6/29/2016 BXUV/U425 - Fire-resistance Ratings - ANSI/UL 263

20. **Framing Members - Steel Studs** - In lieu of Item 2 - Min. 3-5/8 in. wide, No. 20 MSG (0.036 in. min. thickness) corrosion protected cold formed steel studs designed in accordance with the current edition of the Specification for the Design of Cold-Formed Steel Structural Members by the American Iron and Steel Institute. All design details enhancing the structural integrity of the wall assembly, including the axial design load of the studs, shall be as specified by the steel stud designer and/or producer, and shall meet the requirements of all applicable local code agencies. The max stud spacing of wall assemblies shall not exceed 24 in. O.C. (or 16 in. O.C. when Item 5b is used). Studs attached to floor and ceiling tracks with 1/2 in. long Type S-12 steel screws on both sides of studs or by welded or bolted connections designed in accordance with the AISI specifications.

BAILLET METAL PRODUCTS LTD

3. **Lateral Support Members** - (Not Shown) - Where required for lateral support of studs, support may be provided by means of steel straps, channels or other similar means as specified in the design of a particular steel stud wall system.

4. **Gypsum Board** - Any 1/2 in. thick UL Classified Gypsum Board that is eligible for use in Design No. X515. Any 5/8 in. thick UL Classified Gypsum Board that is eligible for use in Design Nos. X512, X513 or X516. Gypsum board bearing the UL Classification Marking as to Fire Resistance. Applied vertically with joints between layers staggered. Outer layer of 3 layer construction may be applied horizontally unless specified below. The thickness and number of layers and percent of design load for the 45 min., 1 hr., 1-1/2 hr and 2 hr ratings are as follows:

Interior Walls		
Rating	Wallboard Protection Both Sides of Wall - No. of Layers & Thickness of Board In. Each Layer	% of Design Load
45 min	*1 layer, 1/2 in. thick	100
1 hr	*1 layer, 5/8 in. thick	100
1-1/2 hr	*2 layers, 1/2 in. thick	100
2 hr	*2 layers, 5/8 in. thick or *3 layers, 1/2 in. thick	100
	*3 layers, 1/2 in. thick	100
	*2 layers, 3/4 in. thick	100

* Ratings applicable to assemblies serving as exterior walls where classified fire resistive gypsum sheathing type wallboard is substituted on the exterior face.

Exterior Walls		
Rating	Wallboard Protection on Exterior Side of Wall - No. of Layers & Thickness of Board In. Each Layer	% of Design Load
45 min	1 layer, 5/8 in. thick	100
1 hr	2 layers, 1/2 in. thick	100
1-1/2 hr	2 layers, 5/8 in. thick	100
2 hr	3 layers, 1/2 in. thick	100
	2 layers, 3/4 in. thick	100

ACADIA DRYWALL SUPPLIES LTD (View Classification) - CNXK-R25370

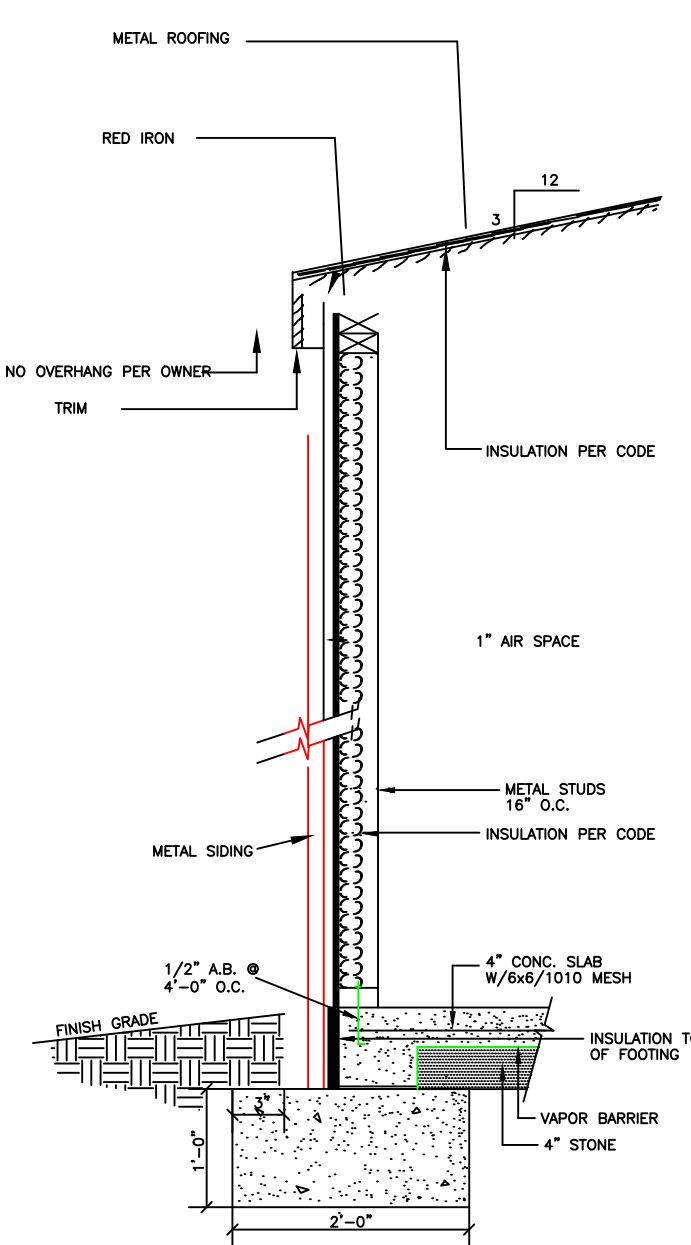
AMERICAN GYPSUM CO (View Classification) - CNXK-R14195

BEITING NEW BUILDING MATERIALS PUBLIC LTD CO (View Classification) - CNXK-R19374

CERTAINTEED GYPSUM INC (View Classification) - CNXK-R3660

GCC INC (View Classification) - CNXK-R19751

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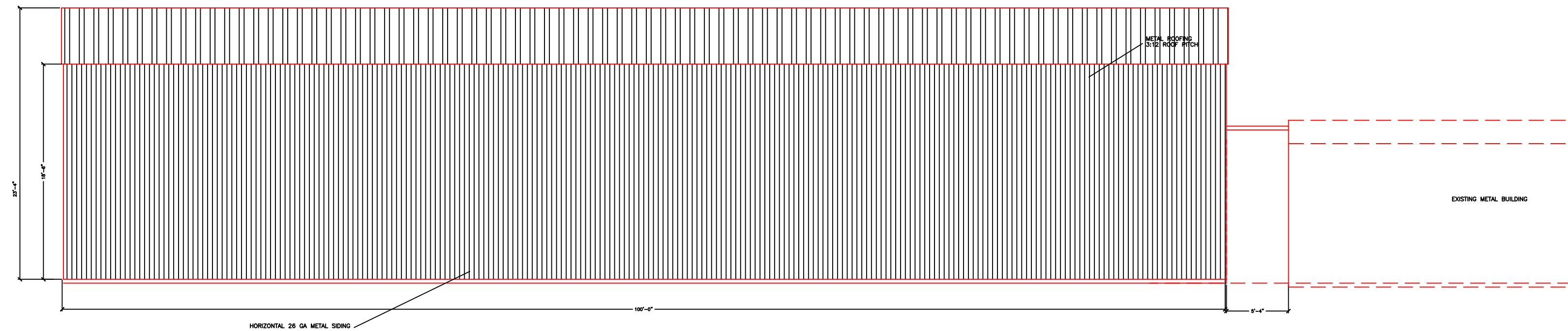


EXTERIOR WALL SECTION OPTION 1
NO SCALE

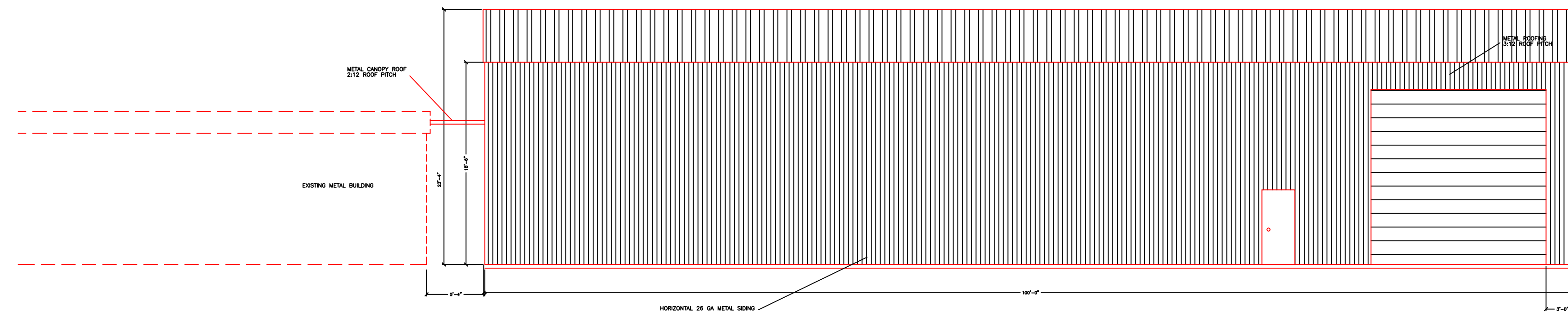
GENERAL CONSTRUCTION NOTES

1. PROVIDE AND INSTALL FIRE EXTINGUISHERS AS REQUIRED PER CODE.

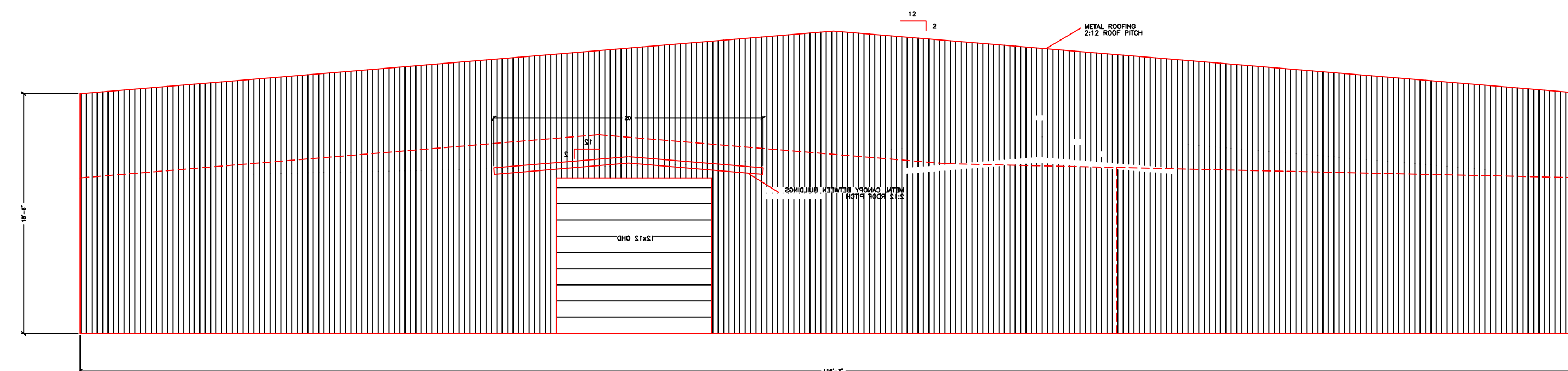
FLOOR PLAN
SCALE: 1/4" = 1'



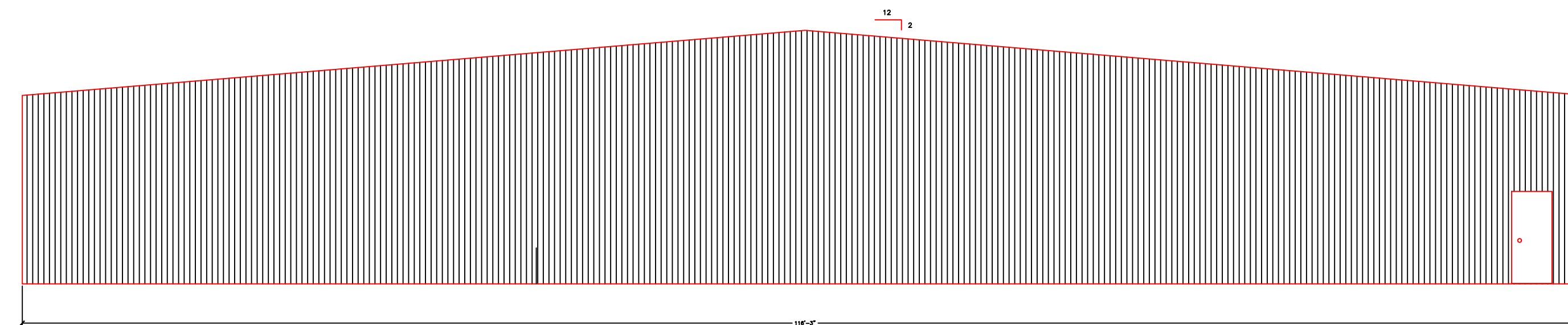
LEFT SIDE



RIGHT SIDE

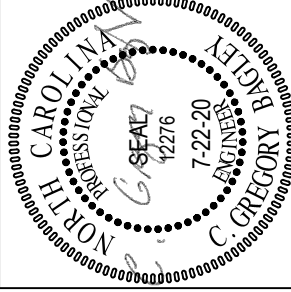


FRONT

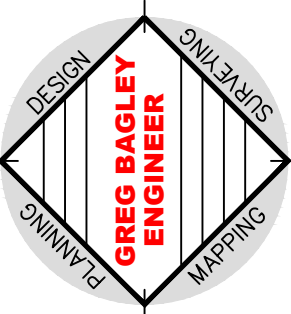


REAR

REVISIONS	BY



805 COKEBURY ROAD
 NORTH CAROLINA, NC 27526
 PHONE: (919) 552-1600
 FAX: (919) 552-6325

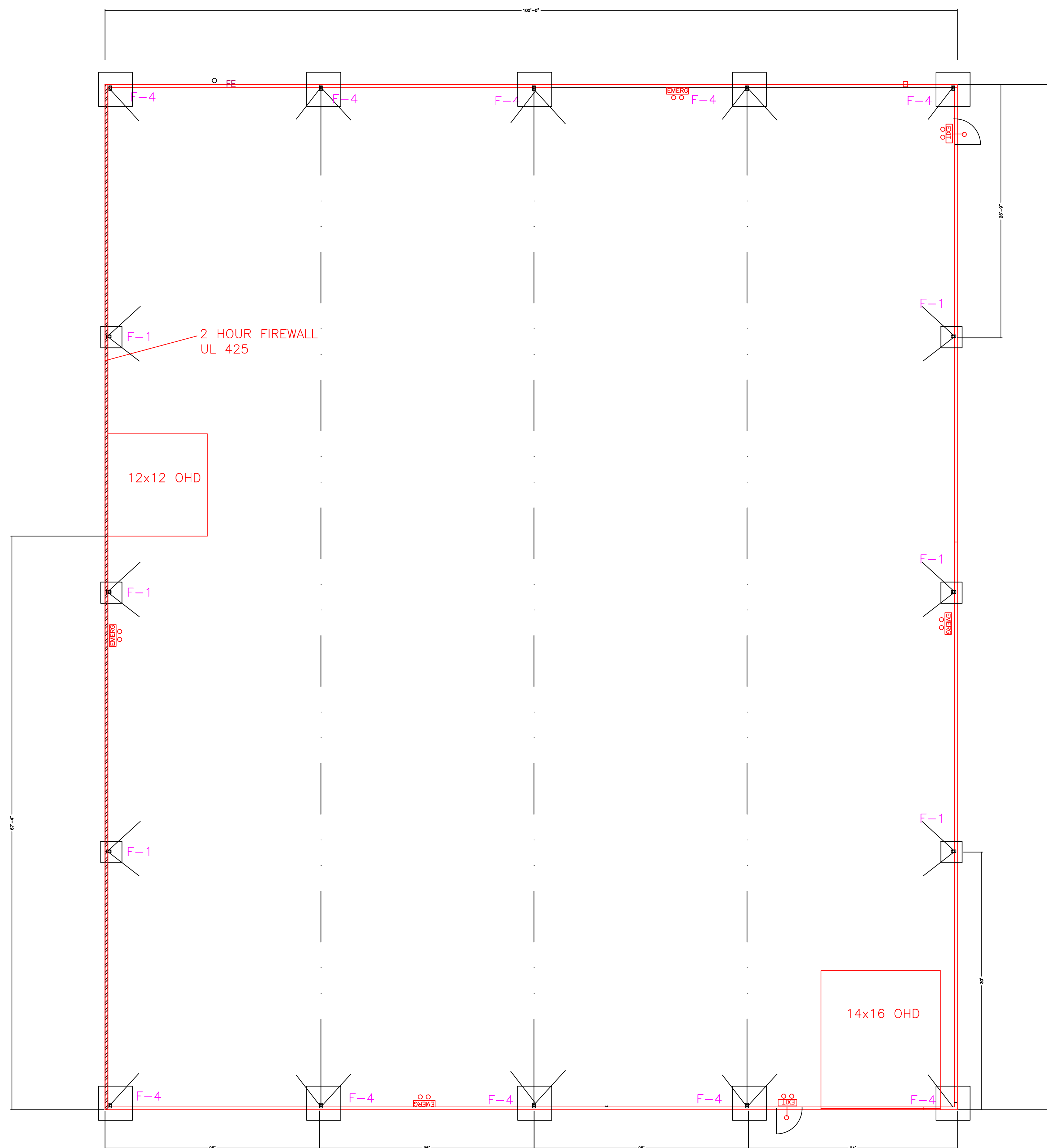


ELEVATIONS

J&M GSO FV LLC
 LOCATED
 4702 RAWLS CHURCH ROAD
 HARNETT COUNTY
 NORTH CAROLINA

DATE: 5/7/20
 SCALE: 1/8"=1'
 DESIGNED BY: CGB
 DRAWN BY:

SHEET
 EL1-OF-1
 ELEVATION

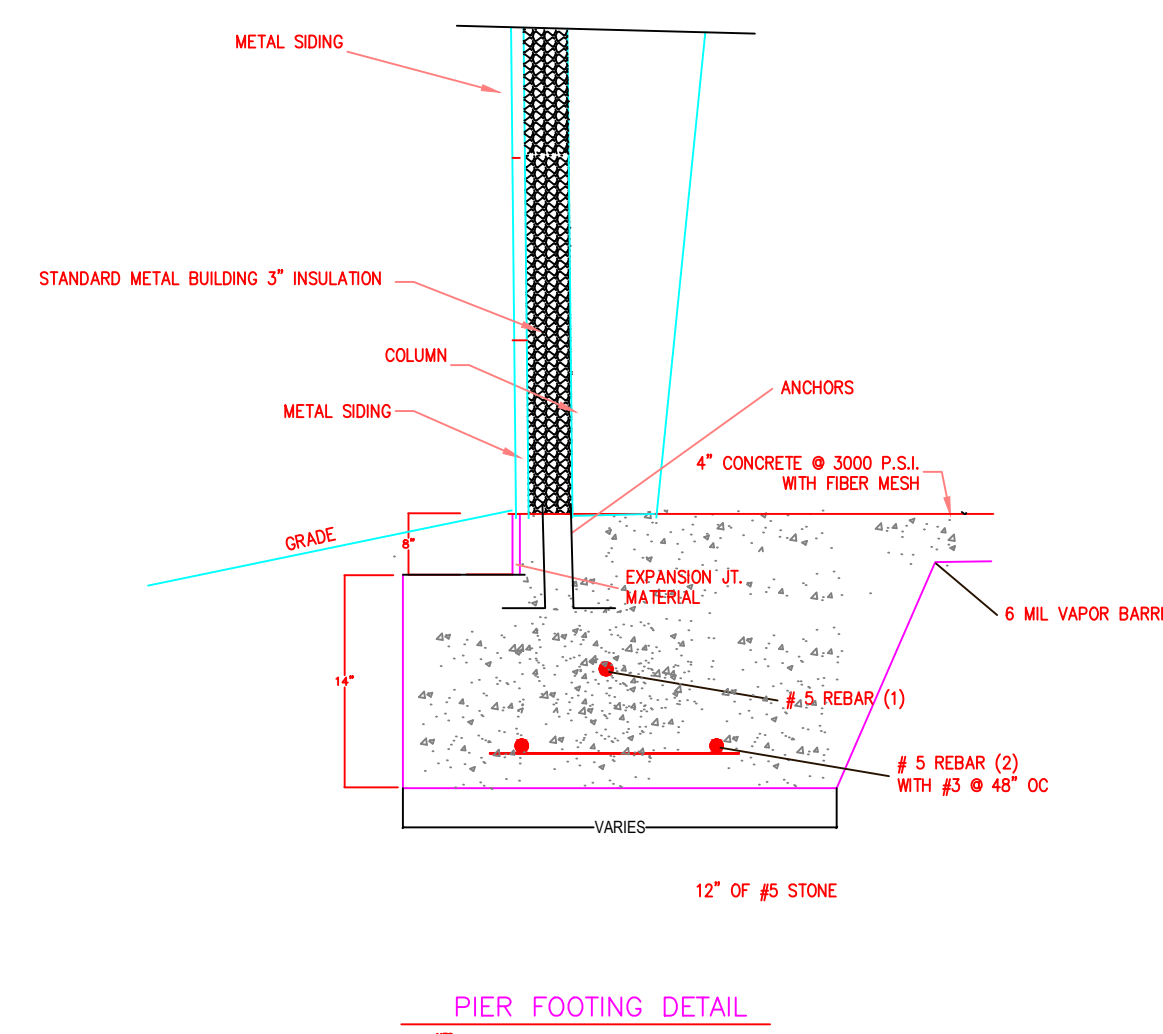
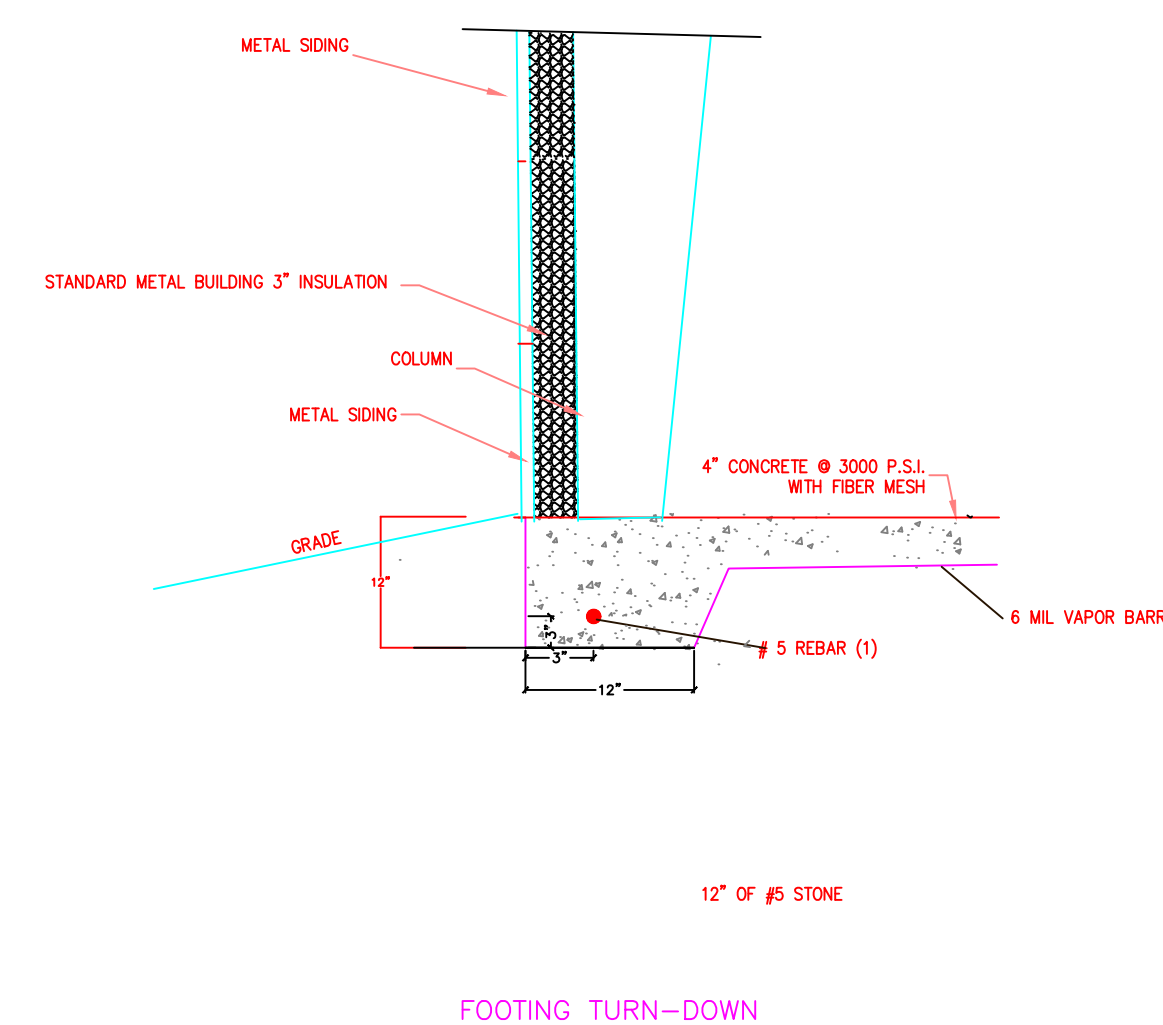
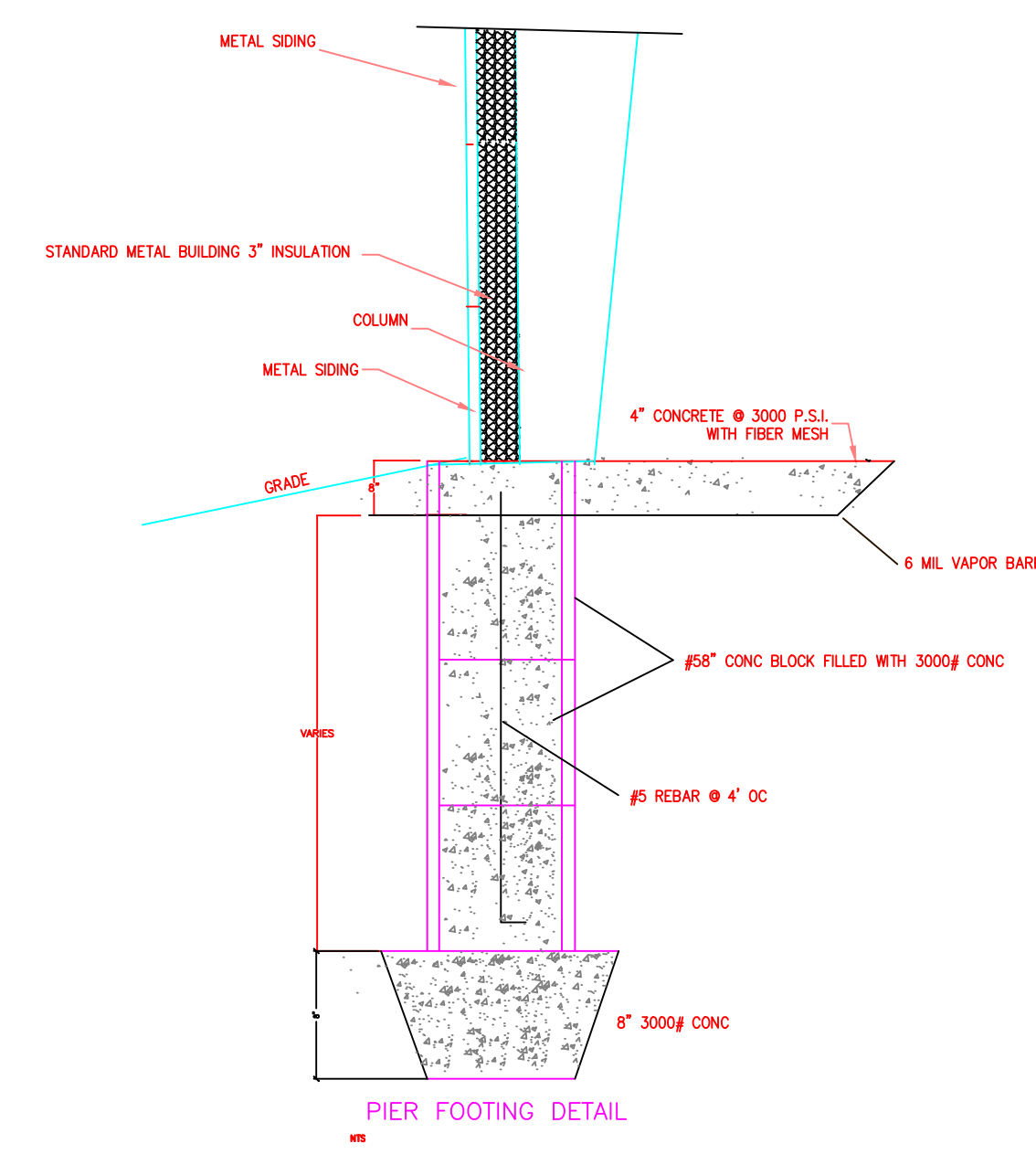


GENERAL NOTES

1. REQUIRED CODE JURISDICTION
NORTH CAROLINA BUILDING CODE, 2006 EDITION
ACI BUILDING CODE REQUIREMENT CONCRETE STRUCTURES (ACI 318-99)
ASCE 7-98 MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES.
2. ENGINEER'S SEAL APPLIES TO STRUCTURAL COMPONENTS ONLY.
3. REACTIONS PROVIDED BY DESIGN BUILD COMPANY (MESCO).
4. SEE BUILDINGS DRAWINGS FOR COLUMN AND BASE PLATE SIZES.
5. ANCHOR BOLT DESIGN PROVIDED BY BUILDING DESIGNER.
6. UNLESS OTHERWISE NOTED, ALL CONCRETE SHALL HAVE THE FOLLOWING STRENGTH AND SLUMP REQUIREMENTS: 3000 PSI 28 DAY 6" SLUMP
7. REINFORCING STEEL SHALL BE PER ASTM A-615 GRADE 60

FOOTING SCHEDULE			
SYMBOL	SIZE	DEPTH	STEEL REINF.
F-1	2.5'x2.5' 18"		4 No. 5 E.W. BTM.
F-4	4'x4'	20"	5 No. 5 E.W. BTM.

ANCHOR BOLT SCHEDULE	
SYMBOL	SIZE
A-1	3/4" x 12"
A-2	3/4" x 18"

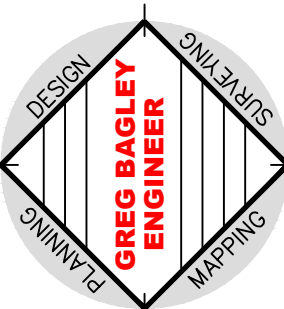


FOUNDATION PLAN
SCALE: 1/4" = 1'

REVISIONS	BY



805 COKEBURY ROAD
NORTH CAROLINA, NC 27526
PHONE: (919) 552-1600
FAX: (919) 552-6325

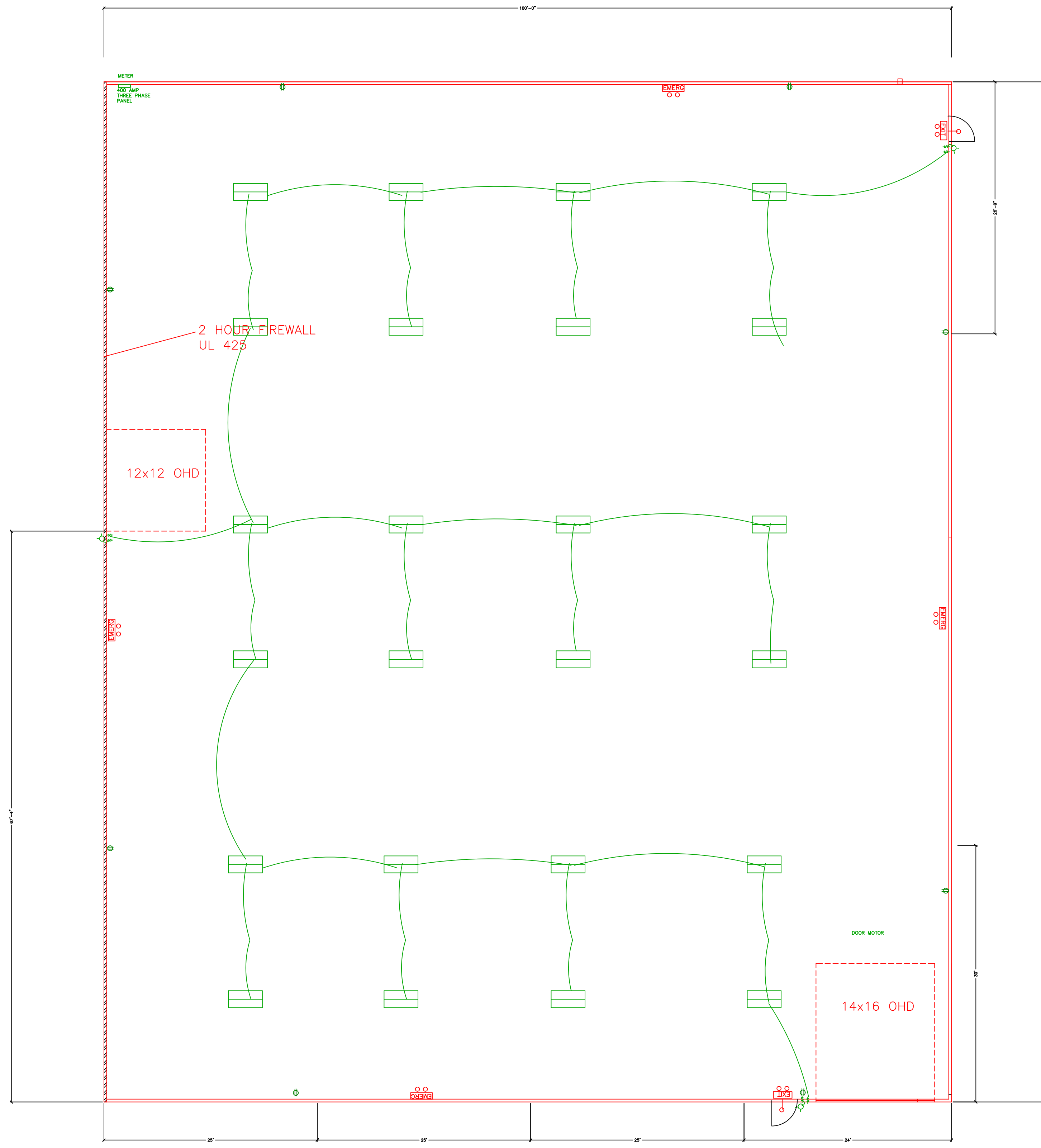


FOUNDATION PLAN

J&M GSO FV LLC
LOCATED
4702 RAWLS CHURCH ROAD
NORTH CAROLINA

HARNETT COUNTY

DATE	5/7/20
SCALE	1/4":1'
DESIGNED BY	CGB
DRAWN BY	
SHEET	FND1-OF-1
FOUNDATION	

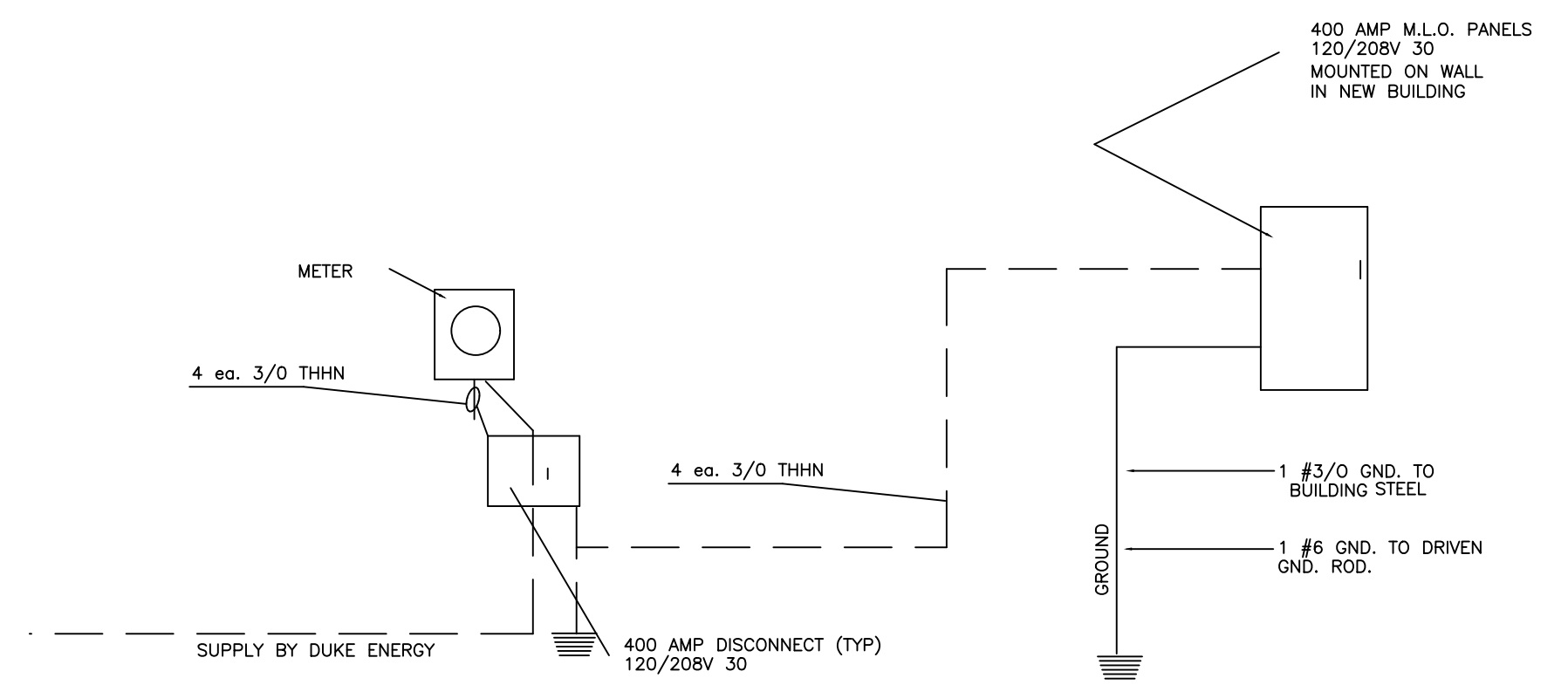


ELECTRICAL PLAN
SCALE: 1/4" = 1'-0"

ELECTRICAL

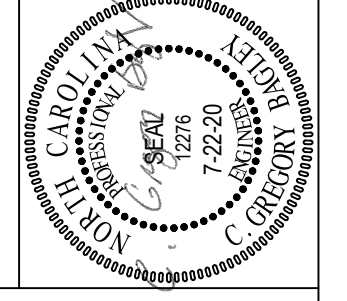
WAREHOUSE 400 AMP SERVICE
VOLTAGE 220/110V 3 PHASE : 3 WIRE

DEVICE	BRANCH CIRCUIT			BRANCH CIRCUIT			DEVICE
	AMPS TRIP	POLES	DESCRIPTION	PHASE A	PHASE B	PHASE C	
20	2	LIGHTING	1				20
20	2	LIGHTING	3				20
20	1	LIGHTING	5				20
20	1	LIGHTING	7				20
25	2	EMERGENCY LIGHTS	9				25
40	2	OUTDOOR LIGHTS	11				40
			12				
			13				
			14				
			15				
			16				
			17				
			18				
			19				
			20				
			21				
			22				
			23				
			24				

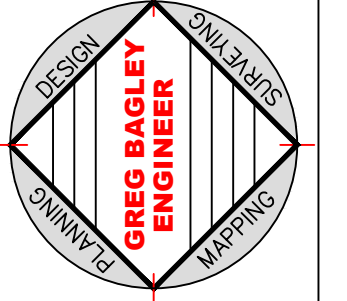


ELECTRICAL DIAGRAM
NOT TO SCALE

REVISIONS	BY



805 COKEBURY ROAD
NORTH CAROLINA, NC 27526
PHONE: (919) 552-1600
FAX: (919) 552-6325



ELECTRICAL PLAN

J&M GSO FV LLC
LOCATED
4792 Rawlins Church Rd
HARNETT COUNTY
NORTH CAROLINA

DATE	6-5-17
SCALE	1/4" = 1'-0"
DESIGNED BY	CGB
DRAWN BY	
SHEET	E1-OF-1

ELECTRICAL

ANCHOR BOLT SUMMARY

Qty	Locate	Dia (in)	Type	Proj (in)
64	Endwall	3/4"	F1554	3.00
36	Frame	3/4"	F1554	3.00

DATE	ISSUE	BY	CHK	ENR	PE
05/29/2020		JDB			
05/29/2020		JDB			

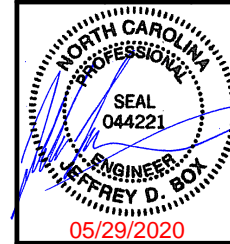
ANCHOR BOLT PLAN

GENERAL NOTES

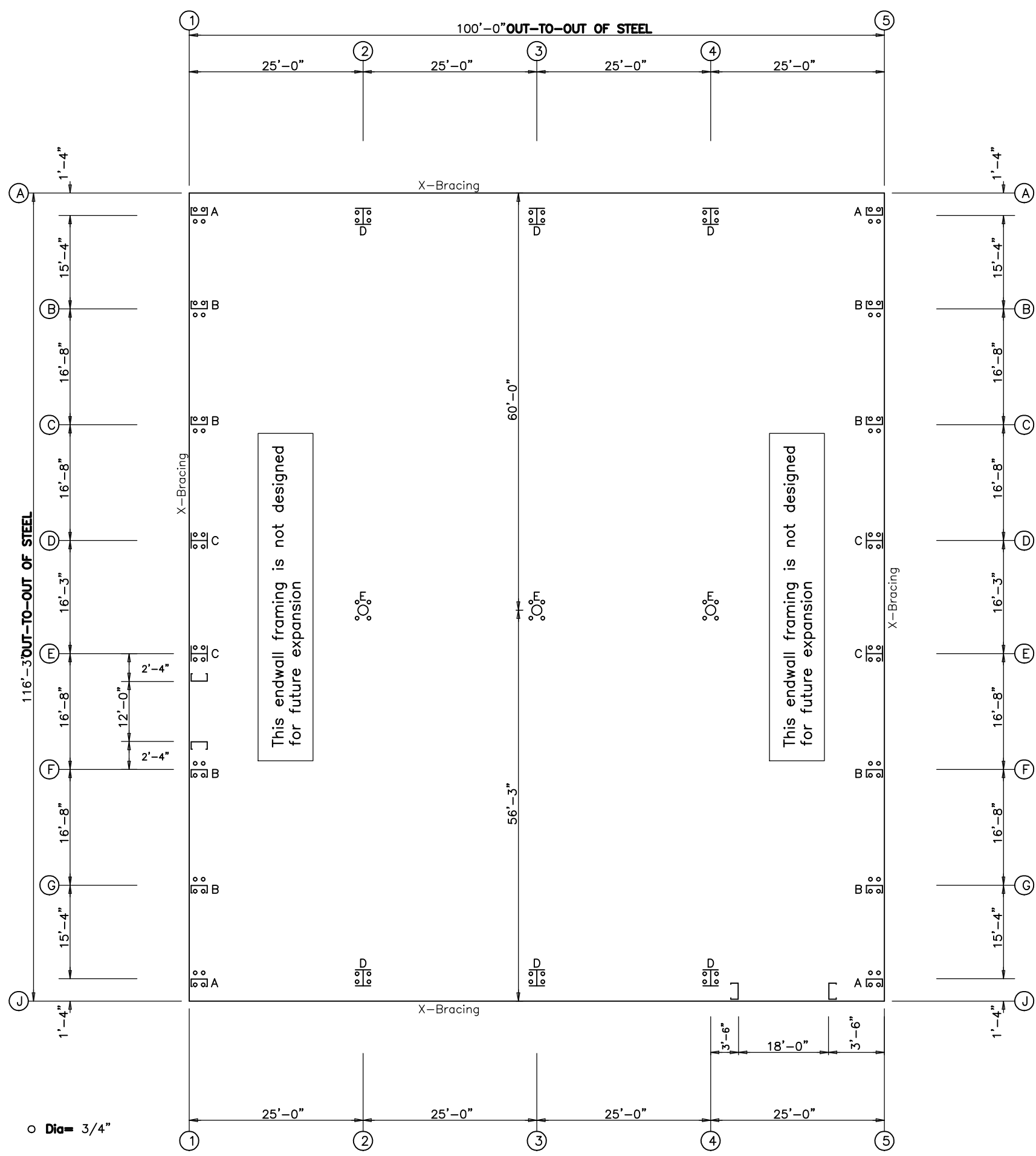
1. THE SPECIFIED ANCHOR ROD DIAMETER ASSUMES F1554 GRADE 36 UNLESS NOTED OTHERWISE. ANCHOR ROD MATERIAL OF EQUAL DIAMETER MEETING OR EXCEEDING THE STRENGTH REQUIREMENTS SET FORTH ON THESE DRAWINGS MAY BE UTILIZED AT THE DISCRETION OF THE FOUNDATION DESIGN ENGINEER. ANCHOR ROD EMBEDMENT LENGTH SHALL BE DETERMINED BY THE FOUNDATION DESIGN ENGINEER.
2. METAL BUILDING MANUFACTURER IS NOT RESPONSIBLE FOR PROJECT FOUNDATION DESIGN. THE FOUNDATION DESIGN IS THE RESPONSIBILITY OF A REGISTERED PROFESSIONAL ENGINEER, FAMILIAR WITH LOCAL SITE CONDITIONS.
3. ALL ANCHOR RODS, FLAT WASHERS FOR ANCHOR RODS, EXPANSION BOLTS, AS WELL AS ALL CONCRETE/MASONRY EMBEDMENT PLATES ARE NOT BY METAL BUILDING MANUFACTURER.
4. THIS DRAWING IS NOT TO SCALE.
5. FINISHED FLOOR ELEVATION = 100'-0" UNLESS NOTED OTHERWISE.
6. "SINGLE" CEE COLUMNS SHALL BE ORIENTED WITH THE "TOES" TOWARD THE LOW EAVE UNLESS NOTED OTHERWISE.
7. ANCHOR RODS ARE REQUIRED ONLY IN THE QUANTITIES SPECIFIED. BASEPLATES MAY BE FABRICATED WITH MORE HOLES THAN NEEDED FOR THIS PROJECT.
8. THE ANCHOR BOLT LOCATIONS PROVIDED BY METAL BUILDING MANUFACTURER SATISFY PERTINENT REQUIREMENTS FOR THE DESIGN OF THE MATERIALS SUPPLIED BY THE METAL BUILDING MANUFACTURER. PLEASE NOTE THAT THESE REQUIREMENTS MAY NOT SATISFY ALL ANCHOR BOLT CONCRETE EDGE DISTANCE REQUIREMENTS DEPENDING ON THE DETAILS OF THE FOUNDATION DESIGN. BECAUSE FOUNDATION DESIGN IS NOT WITHIN THE METAL BUILDING MANUFACTURER'S SCOPE OF WORK, IT IS THE RESPONSIBILITY OF THE QUALIFIED PROFESSIONAL DESIGNING THE FOUNDATION TO MAKE CERTAIN THAT SUFFICIENT CONCRETE EDGE DISTANCE IS PROVIDED FOR THE ANCHOR BOLTS IN THE DETAILS OF THE FOUNDATION DESIGN.

RENEGADE STEEL BUILDINGS, INC.
 60 EAST JEFFERSON ST.
 HOSCHTON, GA 30548
 PHONE: (877) 363-4233
 FAX: (706) 654-3104

PROJECT NAME: DANIEL VUNCANNON
 4792 RAWLS CHURCH RD, FUQUAY VARINA, NC 27526
 CUSTOMER NAME: VUNCANNON CONTRACTING
 FUQUAY VARINA, NC 27526
 JOB NUMBER: S2008195A
 SHEET TITLE:

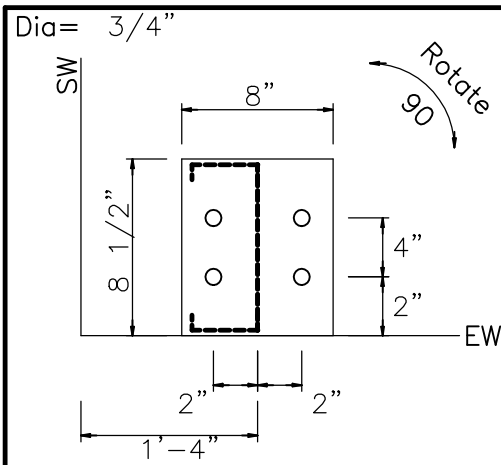


SEAL 044221
 05/29/2020
 SHEET F1 of 2

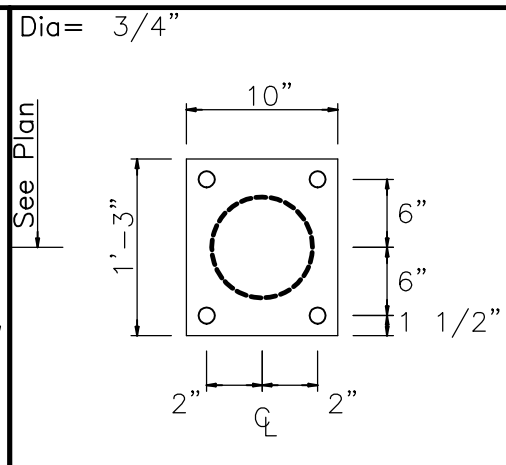


ANCHOR BOLT PLAN
 NOTE: All Base Plates @ 100'-0" (U.N.)

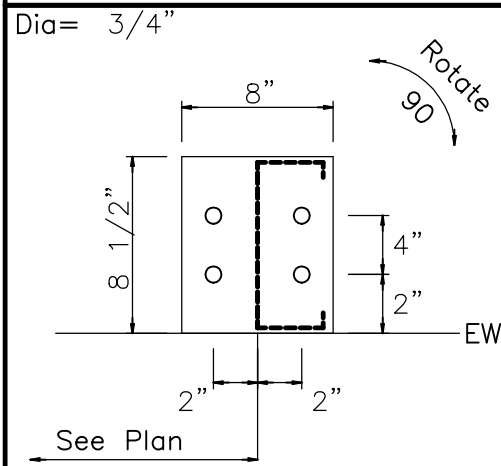
o Dia = 3/4"



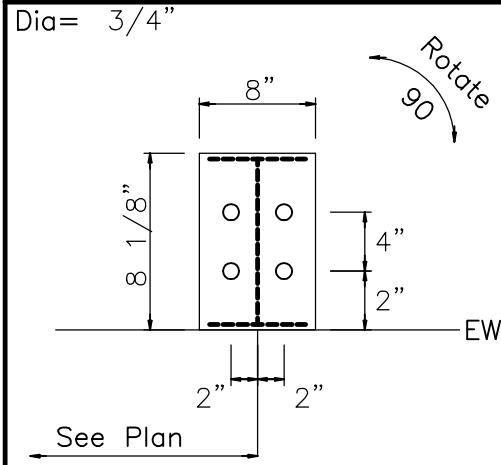
DETAIL A



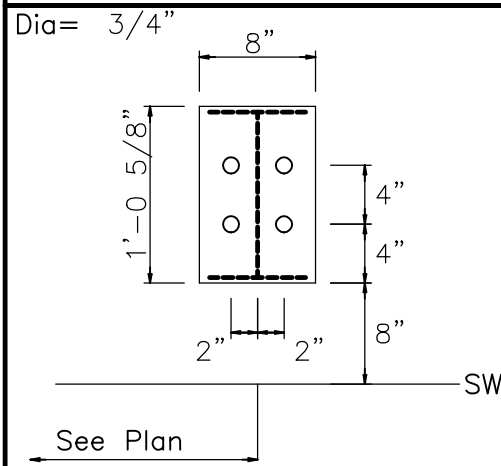
DETAIL E



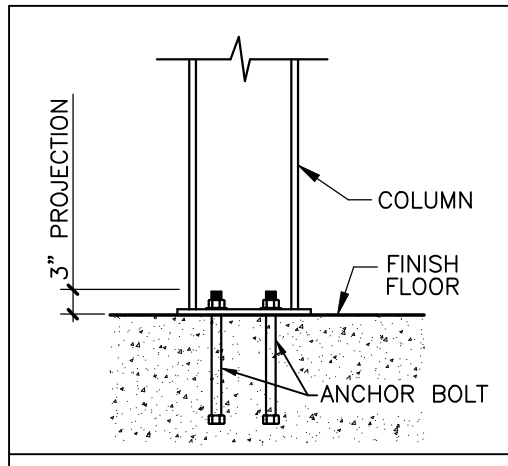
DETAIL B



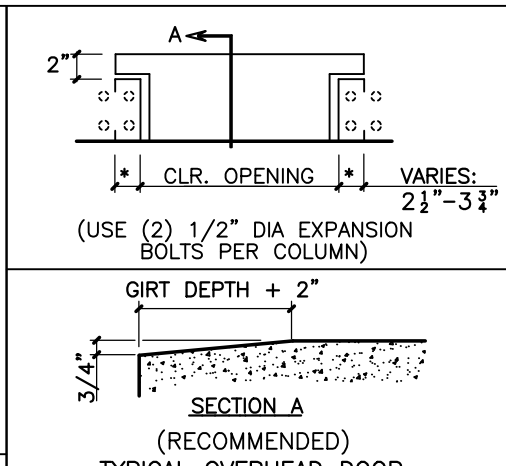
DETAIL C



DETAIL D



TYPICAL COLUMN BASE PLATE DETAIL



TYPICAL OVERHEAD DOOR FRAMED OPENING

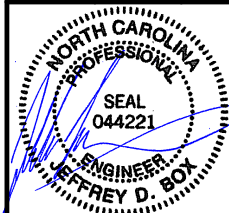
FOUNDATION DESIGN NOTES:

1. THE ORIENTATION OF THE ANCHOR BOLT DETAILS SHOWN ON THIS PAGE MAY NOT COINCIDE WITH THE ACTUAL COLUMN ORIENTATION SHOWN ON THE ANCHOR BOLT DRAWING. PLEASE REFERENCE THE SIDEWALL (SW) AND ENDWALL (EW) STEEL LINES SHOWN ON THE ANCHOR BOLT DETAILS WITH THE ANCHOR BOLT PLAN DURING LAYOUT OF COLUMN AND ANCHOR BOLT LOCATIONS.
2. COLUMN BASE PLATES MAY HAVE MORE HOLES THAN ARE REQUIRED DUE TO PRODUCTION LIMITATIONS. PLEASE FOLLOW ANCHOR BOLT DETAILS FOR QUANTITY OF ANCHOR BOLTS REQUIRED. EXTRA BASE PLATE HOLES DO NOT NEED INFILLED PER THE MBS DESIGN SPECIFICATIONS.

ISSUE	DATE	BY	CHK	ENGR	PE
ANCHOR BOLTS	05/29/2020	JDB	JDB	ACB	JDB
PERMITS	05/29/2020	JDB	JDB	ACB	JDB

RENEGADE STEEL BUILDINGS, INC.
 60 EAST JEFFERSON ST.
 HOSCHTON, GA 30548
 PHONE: (877) 363-4233
 FAX: (706) 684-3104

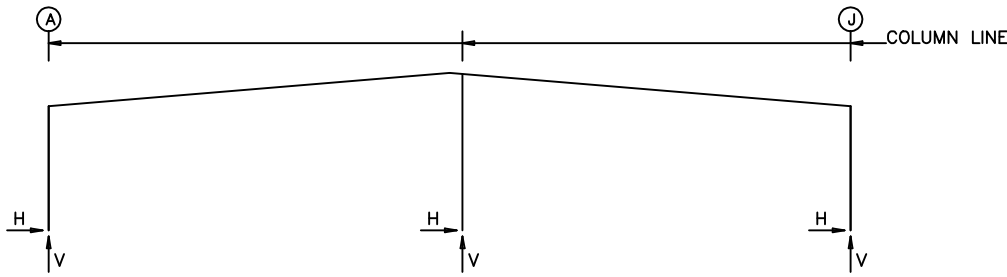
DANIEL VUNCANNON
 4792 RAWLS CHURCH RD, FUQUAY VARINA, NC 27526
VUNCANNON CONTRACTING
 FUQUAY VARINA, NC 27526
 SHEET TITLE: S2008195A



This seal certifies only the individual designee and is not to be used for any other purpose. The drawings and the metal buildings which they represent are the product of the Metal Building Manufacturer. The registered professional engineer whose seal appears on these drawings is employed by the Metal Building Manufacturer and does not serve as or represent the project engineer of record and shall not be construed as such.

SHEET
F2 of 2

FRAME LINES: 2 3 4



RIGID FRAME: ANCHOR BOLTS & BASE PLATES

Frm Line	Col Line	Anc. Bolt Qty	Bolt Dia	Base Plate Width	Base Plate Length	Base Plate Thick	Elev. (in)
2*	A	4	0.750	8.000	12.63	0.375	0.0
2*	J	4	0.750	8.000	12.63	0.375	0.0
2*	⊙60.0	4	0.750	10.00	15.00	0.625	0.0

2* Frame lines: 2 3 4

ENDWALL COLUMN: ANCHOR BOLTS & BASE PLATES

Frm Line	Col Line	Anc. Bolt Qty	Bolt Dia	Base Plate Width	Base Plate Length	Base Plate Thick	Elev. (in)
1	A	4	0.750	8.000	8.500	0.375	0.0
1	B	4	0.750	8.000	8.500	0.375	0.0
1	C	4	0.750	8.000	8.500	0.375	0.0
1	D	4	0.750	8.000	8.125	0.375	0.0
1	E	4	0.750	8.000	8.125	0.375	0.0
1	F	4	0.750	8.000	8.500	0.375	0.0
1	G	4	0.750	8.000	8.500	0.375	0.0
1	J	4	0.750	8.000	8.500	0.375	0.0
5	J	4	0.750	8.000	8.500	0.375	0.0
5	G	4	0.750	8.000	8.500	0.375	0.0
5	F	4	0.750	8.000	8.500	0.375	0.0
5	E	4	0.750	8.000	8.125	0.375	0.0
5	D	4	0.750	8.000	8.125	0.375	0.0
5	C	4	0.750	8.000	8.500	0.375	0.0
5	B	4	0.750	8.000	8.500	0.375	0.0
5	A	4	0.750	8.000	8.500	0.375	0.0

GENERAL NOTES

- ALL LOADING CONDITIONS ARE EXAMINED. THE MAXIMUM AND MINIMUM HORIZONTAL (H) AND VERTICAL (V) REACTIONS AND THE CORRESPONDING VERTICAL (V) OR HORIZONTAL (H) REACTIONS ARE REPORTED.
- REACTIONS ARE PROVIDED BY LOAD CASE IN ORDER TO AID THE FOUNDATION ENGINEER IN DETERMINING THE APPROPRIATE LOAD FACTORS AND COMBINATION TO BE USED WITH EITHER WORKING STRESS OR ULTIMATE STRENGTH DESIGN METHODS. WIND LOAD CASES ARE GIVEN FOR EACH PRIMARY WIND DIRECTION.
- FOR ASCE7-10 AND LATER BASED BUILDING CODES THE UNFACTORED LOAD CASE REACTIONS DUE TO WIND ARE GENERATED USING ULTIMATE DESIGN WIND SPEEDS (Vult).
- POSITIVE (+) REACTIONS ARE AS SHOWN ABOVE. FOUNDATION LOADS ARE IN OPPOSITE DIRECTIONS.
- BRACING REACTIONS ARE IN THE PLANE OF THE BRACE WITH THE HORIZONTAL REACTION (H) ACTING AWAY FROM THE BRACED BAY AND THE VERTICAL REACTION (V) ACTING DOWNWARD.

***** RIGID FRAME LOAD CASE ABBREVIATIONS: *****

Wind_L1/Wind_R1: LATERAL WIND FROM THE LEFT/RIGHT, CASE 1
 Wind_L2/Wind_R2: LATERAL WIND FROM THE LEFT/RIGHT, CASE 2
 Wind_Ln1/Wind_Ln2: LONGITUDINAL WIND, CASE 1/2
 Seismic_L/Seismic_R: LATERAL SEISMIC LOAD FROM LEFT/RIGHT
 LWIND#_L/E/LWIND#_R#: LONGITUDINAL WIND EDGE ZONES
 F#UNB_SL_L/F#UNB_SL_R: UNBALANCED ROOF SNOW WITH WIND FROM LEFT/RIGHT
 F#PAT_LL #/F#PAT_SL #: PARTIAL LIVE/SNOW LOADING FOR CONTINUOUS BEAM SYSTEMS

***** ENDWALL COLUMN LOAD CASE ABBREVIATIONS: *****

Collat: COLLATERAL LOAD
 Rafter Wind_L/Rafter Wind_R: LATERAL WIND FROM THE LEFT/RIGHT
 Brace Wind_L/Brace Wind_R: LATERAL WIND FROM THE LEFT/RIGHT
 Wind_P/Wind_S: LONGITUDINAL WIND PRESSURE/SUCTION ON COLUMNS
 Wind_Ln: LONGITUDINAL WIND SUCTION ON ROOF
 Seis_L/Seis_R: LATERAL SEISMIC LOAD FROM LEFT/RIGHT
 E#UNB_SL_L/E#UNB_SL_R: UNBALANCED ROOF SNOW WITH WIND FROM LEFT/RIGHT
 E#PAT_LL #/E#PAT_SL #: PARTIAL LIVE/SNOW LOADING FOR CONTINUOUS BEAM SYSTEMS

RIGID FRAME: BASIC COLUMN REACTIONS (k)

Frame Line	Column Line	Dead		Collateral		Live		Snow		Wind_Left1		Wind_Right1	
		Horiz	Vert	Horiz	Vert	Horiz	Vert	Horiz	Vert	Horiz	Vert	Horiz	Vert
2*	A	0.6	2.7	0.1	0.3	1.7	7.4	1.5	6.5	-5.8	-12.4	3.0	-6.2
2*	J	-0.6	2.7	-0.1	0.3	-1.7	7.4	-1.5	6.5	-3.0	-6.2	5.8	-12.4
2*	⊙60.0	0.0	7.3	0.0	0.9	0.0	21.8	0.0	19.1	0.0	-24.2	0.0	-24.2

Frame Line	Column Line	Wind_Left2		Wind_Right2		Wind_Long1		Wind_Long2		Seismic_Left		Seismic_Right	
		Horiz	Vert	Horiz	Vert	Horiz	Vert	Horiz	Vert	Horiz	Vert	Horiz	Vert
2*	A	-6.7	-7.4	2.0	-1.2	0.8	-12.1	0.0	-7.2	-0.6	-0.2	0.6	0.2
2*	J	-2.0	-1.2	6.7	-7.4	0.0	-7.2	-0.8	-12.1	-0.6	0.2	0.6	-0.2
2*	⊙60.0	0.0	-11.4	0.0	-11.4	0.0	-25.8	0.0	-25.8	0.0	0.0	0.0	0.0

Frame Line	Column Line	MIN_SNOW		F1PAT_LL_1		F1PAT_LL_2		F1UNB_SL_L		F1UNB_SL_R	
		Horiz	Vert	Horiz	Vert	Horiz	Vert	Horiz	Vert	Horiz	Vert
2*	A	2.1	9.3	0.8	8.4	0.9	-0.9	1.0	7.7	1.0	1.0
2*	J	-2.1	9.3	-0.9	-0.9	-0.8	8.4	-1.0	1.0	-1.0	7.7
2*	⊙60.0	0.0	27.2	0.0	11.5	0.0	10.3	0.0	17.7	0.0	17.7

2* Frame lines: 2 3 4

ENDWALL COLUMN: BASIC COLUMN REACTIONS (k)

Frm Line	Col Line	Dead Vert	Collat Vert	Live Vert	Snow Vert	Wind Left1 Vert	Wind Right1 Vert	Wind Left2 Vert	Wind Right2 Vert	Wind Press Horiz	Wind Suct Horiz	Wind Long1 Vert	Wind Long2 Vert
1	A	0.4	0.1	1.8	1.0	-2.2	-1.5	-1.4	-0.7	-1.4	1.7	-2.3	-1.3
1	B	1.0	0.1	4.9	2.6	-6.1	-3.5	-4.2	-1.7	-2.8	3.1	-6.1	-3.6
1	C	0.8	0.1	4.0	2.1	-5.4	-2.8	-3.8	-1.1	-3.1	3.4	-5.1	-2.9
1	D	1.1	0.1	4.6	2.4	-3.8	-3.1	-2.1	-1.6	-3.3	3.6	-5.4	-3.4
1	E	1.1	0.1	4.6	2.4	-2.8	-3.8	-1.3	-2.2	-3.3	3.6	-3.4	-5.3
1	F	0.9	0.1	4.0	2.1	-3.2	-5.3	-1.5	-3.6	-3.1	3.4	-2.9	-5.2
1	G	1.0	0.1	4.9	2.6	-3.5	-6.1	-1.6	-4.2	-2.8	3.1	-3.6	-6.1
1	J	0.4	0.1	1.8	1.0	-1.5	-2.2	-0.7	-1.4	-1.4	1.7	-1.3	-2.3

Frm Line	Col Line	Seis Left Vert	Seis Right Vert	-MIN_SNOW Horiz	-MIN_SNOW Vert	E1UNB_SL_L Horiz	E1UNB_SL_L Vert	E1UNB_SL_R Horiz	E1UNB_SL_R Vert	E1PAT_LL_1 Horiz	E1PAT_LL_1 Vert	E1PAT_LL_2 Horiz	E1PAT_LL_2 Vert
1	A	0.0	0.0	0.0	1.4	0.0	1.0	0.0	0.3	0.0	2.1	0.0	-0.3
1	B	0.0	0.0	0.0	3.7	0.0	2.5	0.0	0.8	0.0	2.3	0.0	2.7
1	C	0.0	0.1	0.0	2.9	0.0	2.7	0.0	0.5	0.0	2.5	0.0	1.6
1	D	0.0	-0.1	0.0	3.5	0.0	4.5	0.0	1.1	0.0	2.0	0.0	2.6
1	E	0.0	0.0	0.0	3.5	0.0	1.1	0.0	4.5	0.0	2.0	0.0	2.6
1	F	0.0	0.0	0.0	2.9	0.0	0.5	0.0	2.7	0.0	2.5	0.0	1.6
1	G	0.0	0.0	0.0	3.7	0.0	0.8	0.0	2.5	0.0	2.3	0.0	2.7
1	J	0.0	0.0	0.0	1.4	0.0	0.3	0.0	1.0	0.0	2.1	0.0	-0.3

Frm Line	Col Line	E1PAT_LL_3 Horiz	E1PAT_LL_3 Vert	E1PAT_LL_4 Horiz	E1PAT_LL_4 Vert	E1PAT_LL_5 Horiz	E1PAT_LL_5 Vert	E1PAT_LL_6 Horiz	E1PAT_LL_6 Vert	E1PAT_LL_7 Horiz	E1PAT_LL_7 Vert	E1PAT_LL_8 Horiz	E1PAT_LL_8 Vert
1	A	0.0	1.7	0.0	-0.2	0.0	2.0	0.0	-0.3	0.0	2.1	0.0	-0.3
1	B	0.0	5.4	0.0	2.0	0.0	2.6	0.0	2.6	0.0	2.3	0.0	2.6
1	C	0.0	1.2	0.0	5.4	0.0	1.3	0.0	1.9	0.0	2.4	0.0	1.6
1	D	0.0	2.7	0.0	1.5	0.0	5.5	0.0	1.9	0.0	2.2	0.0	2.6
1	E	0.0	2.6	0.0	2.2	0.0	1.9	0.0	5.5	0.0	1.5	0.0	2.7
1	F	0.0	1.6	0.0	2.4	0.0	1.9	0.0	1.3	0.0	5.4	0.0	1.2
1	G	0.0	2.6	0.0	2.3	0.0	2.6	0.0	2.6	0.0	2.0	0.0	5.4
1	J	0.0	-0.3	0.0	2.1	0.0	-0.3	0.0	2.0	0.0	-0.2	0.0	1.7

Frm Line	Col Line	Dead Vert	Collat Vert	Live Vert	Snow Vert	Wind Left1 Vert	Wind Right1 Vert	Wind Left2 Vert	Wind Right2 Vert	Wind Press Horiz	Wind Suct Horiz	Wind Long1 Vert	Wind Long2 Vert
5	J	0.4	0.1	1.8	1.0	-2.2	-1.5	-1.4	-0.7	-1.4	1.7	-2.3	-1.3
5	G	1.0	0.1	4.9	2.6	-6.1	-3.5	-4.2	-1.7	-2.8	3.1	-6.1	-3.6
5	F	0.9	0.1	4.0	2.1	-5.3	-3.0	-3.6	-1.3	-3.1	3.4	-5.2	-2.9
5	E	1.1	0.1	4.6	2.4	-3.8	-2.9	-2.2	-1.4	-3.3	3.6	-5.3	-3.4
5	D	1.1	0.1	4.6	2.4	-2.9	-3.8	-1.4	-2.2	-3.3	3.6	-3.4	-5.3
5	C	0.9	0.1	4.0	2.1	-3.0	-5.3	-1.3	-3.6	-3.1	3.4	-2.9	-5.2
5	B	1.0	0.1	4.9	2.6	-3.5	-6.1	-1.7	-4.2	-2.8	3.1	-3.6	-6.1
5	A	0.4	0.1	1.8	1.0	-1.5	-2.2	-0.7	-1.4	-1.4	1.7	-1.3	-2.3

Frm Line	Col Line	Seis Left Vert	Seis Right Vert	-MIN_SNOW Horiz	-MIN_SNOW Vert	E2UNB_SL_L Horiz	E2UNB_SL_L Vert	E2UNB_SL_R Horiz	E2UNB_SL_R Vert	E2PAT_LL_1 Horiz	E2PAT_LL_1 Vert	E2PAT_LL_2 Horiz	E2PAT_LL_2 Vert
5	J	0.0	0.0	0.0	1.4	0.0	1.0	0.0	0.3	0.0	2.1	0.0	-0.3
5	G	0.0	0.0	0.0	3.7	0.0	2.5	0.0	0.8	0.0	2.3	0.0	2.7
5	F	0.0	0.0	0.0	2.9	0.0	2.6	0.0	0.5	0.0	2.5	0.0	1.6
5	E	0.0	0.0	0.0	3.5	0.0	4.5	0.0	1.1	0.0	2.0	0.0	2.6
5	D	0.0	0.0	0.0	3.5	0.0	1.1	0.0	4.5	0.0	2.0	0.0	2.6
5	C	0.0	0.0	0.0	2.9	0.0	0.5	0.0	2.6	0.0	2.5	0.0	1.6
5	B	0.0	0.0	0.0	3.7	0.0	0.8	0.0	2.5	0.0	2.3	0.0	2.7
5	A	0.0	0.0	0.0	1.4	0.0	0.3	0.0	1.0	0.0	2.1	0.0	-0.3

Frm Line	Col Line	E2PAT_LL_3 Horiz	E2PAT_LL_3 Vert	E2PAT_LL_4 Horiz	E2PAT_LL_4 Vert	E2PAT_LL_5 Horiz	E2PAT_LL_5 Vert	E2PAT_LL_6 Horiz	E2PAT_LL_6 Vert	E2PAT_LL_7 Horiz	E2PAT_LL_7 Vert	E2PAT_LL_8 Horiz	E2PAT_LL_8 Vert
5	J	0.0	1.7	0.0	-0.2	0.0	2.0	0.0	-0.3	0.0	2.1	0.0	-0.3
5	G	0.0	5.4	0.0	2.0	0.0	2.6	0.0	2.6	0.0	2.3	0.0	2.6
5	F	0.0	1.2	0.0	5.4	0.0	1.3	0.0	1.9	0.0	2.4	0.0	1.6
5	E	0.0	2.7	0.0	1.5	0.0	5.5	0.0	1.9	0.0	2.2	0.0	2.6
5	D	0.0	2.6	0.0	2.2	0.0	1.9	0.0	5.5	0.0	1.5	0.0	2.7
5	C	0.0	1.6	0.0	2.4	0.0	1.9	0.0	1.3	0.0	5.4	0.0	1.2
5	B	0.0	2.6	0.0	2.3	0.0	2.6	0.0	2.6	0.0	2.0	0.0	5.4
5	A	0.0	-0.3	0.0	2.1	0.0	-0.3	0.0	2.0	0.0	-0.2	0.0	1.7

BUILDING BRACING REACTIONS

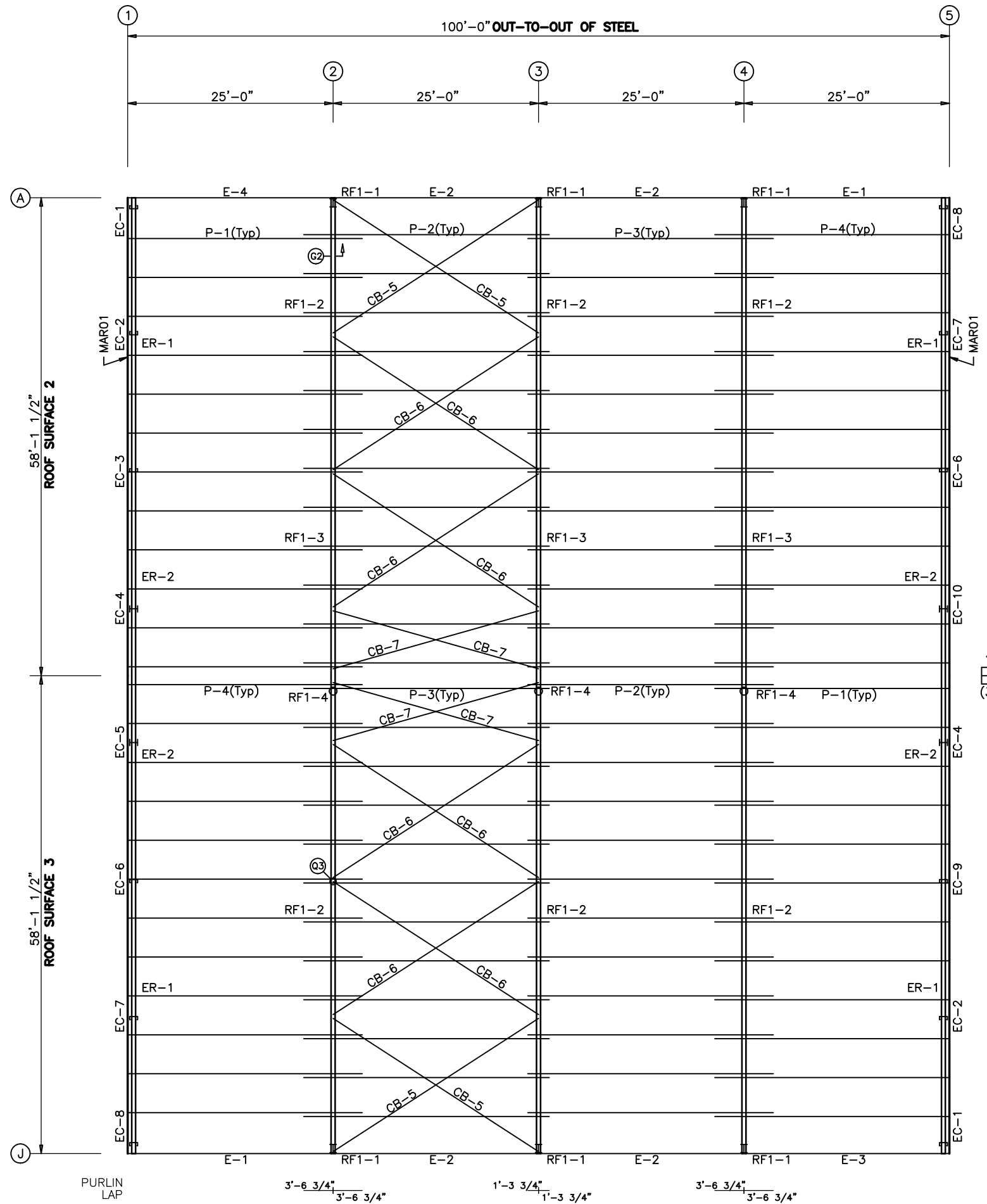
Wall Loc	Col Line	± Reactions(k)	Panel Shear (lb/ft)			
		Wind Horiz	Seismic Horiz	Wind Seis		
L_EW	J	2.6	3.3	0.8	1.0	
F_SW	J	2.3	9.5	6.1	2.5	1.6
R_EW	5	2.6	3.3	0.8	1.0	
B_SW	A	3.2	9.5	6.1	2.5	1.6

DATE	ISSUE	BY	CHK	APP
05/29/2020	JDB	JDB	JDB	JDB
05/29/2020	JDB	JDB	JDB	JDB

RENEGADE STEEL BUILDINGS, INC.
 60 EAST JEFFERSON ST.
 HOUGHTON, GA 30548
 PHONE: (877) 363-4233
 FAX: (706) 684-3104

DANIEL VUNCANNON
 4792 RAWLS CHURCH RD, FUQUAY VARINA, NC 27526
 CUSTOMER NAME
FUNCANNON CONTRACTING
 FUQUAY VARINA, NC 27526
 JOB NUMBER: S2008195A

PROFESSIONAL ENGINEER
 NORTH CAROLINA
 SEAL
 044221
JEFFREY D. BOY
 05/29/2020

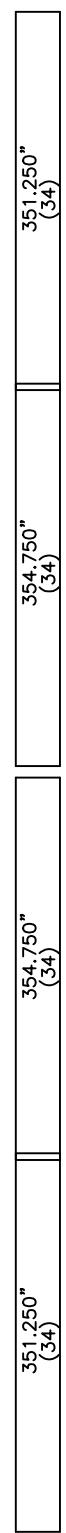


ROOF FRAMING PLAN

ROOF SHEETING
 PANELS: 26 Ga. CR Galvalume Plus

TRIM TABLE			
ROOF PLAN			
ID	PART	LENGTH	DETAIL
1	RGA05	36.000	TRIM_3

MEMBER TABLE		
ROOF PLAN		
MARK	PART	LENGTH
P-1	08Z060	342.500
P-2	08Z060	358.500
P-3	08Z060	358.500
P-4	08Z060	342.500
E-1	08E060	299.625
E-2	08E060	299.750
E-3	08E099	299.625
E-4	08E060	299.625
CB-5	RDB-	350.000
CB-6	RDB-	358.000
CB-7	RDB-	318.000



ROOF FRAMING PLAN

GENERAL NOTES

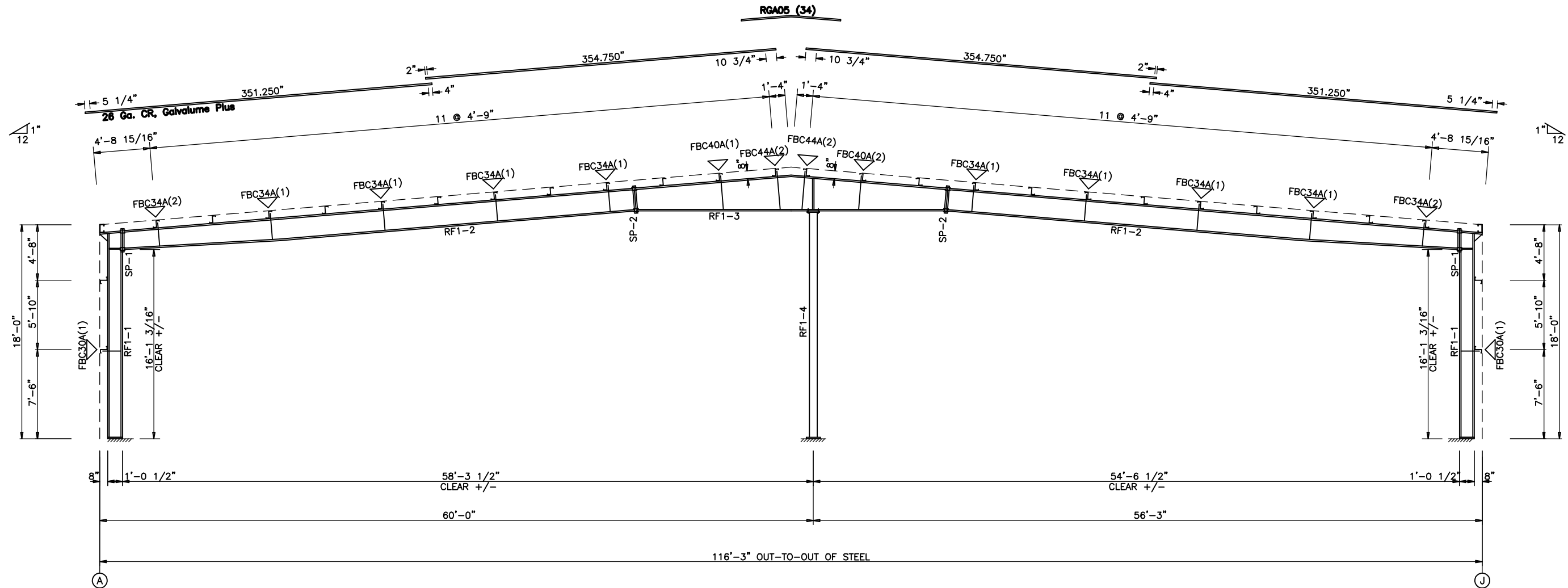
- PLACE TAGGED END OF RAFTERS TOWARDS THE LOW EAVE.
- STD. ROD/CABLE SIZES PER PART PREFIX ARE:

ROD	CABLE
RDB- = 5/8" ROD	CAA- = 1/4" CABLE
RDC- = 3/4" ROD	CAB- = 3/8" CABLE
RDD- = 7/8" ROD	CAC- = 1/2" CABLE
RDE- = 1" ROD	
RDF- = 1 1/8" ROD	
RDG- = 1 1/4" ROD	
- PURLIN AND EAVE STRUT CONNECTIONS UTILIZE BOTH A307 AND A325 BOLTS. REFER TO THE DETAILS FOR SPECIFIC USAGE REQUIREMENTS.
- THIS DRAWING IS NOT TO SCALE.

PROJECT NAME DANIEL VUNCANNON 4792 RAWLS CHURCH RD, FUQUAY VARINA, NC 27526	CUSTOMER NAME VUNCANNON CONTRACTING FUQUAY VARINA, NC 27526	PROJECT NO. 27526	SHEET NUMBER S2008195A	DATE 05/29/2020	REVENUE 05/29/2020
RENEGADE STEEL BUILDINGS, INC. 60 EAST JEFFERSON ST. HOSCHTON, GA 30548 PHONE: (877) 363-4233 FAX: (706) 654-3104					
This seal certifies that the registrant is a duly licensed professional engineer in the State of North Carolina. The registrant's name and the name of the firm are those appearing on the public record of the State of North Carolina. The registrant's license number and expiration date are those appearing on the public record of the State of North Carolina. The registrant's seal is the property of the State of North Carolina and shall not be loaned, sold, or otherwise disposed of.					

SPLICE PLATE & BOLT TABLE							CAP PLATE BOLTS							
Mark	Qty Top	Qty Bot	Int Type	Dia	Length	Width	Thick	Length	Mark	Qty	Type	Dia	Length	
SP-1	4	4	0	A325	0.625	2.25	6"	3/8"	1'-10 1/8"	RF1-4	4	A325	0.625	2.25
SP-2	4	4	0	A325	0.625	2.25	6"	1/2"	2'-2 1/4"					

Mark	Web Depth		Web Plate		Outside Flange			Inside Flange			
	Start	End	Thick	Length	W x Thk	x Length	W x Thk	x Length			
RF1-1	12.0	12.0	0.150	209.0	5 x 1/4"	x 208.0	5 x 1/4"	x 190.0			
RF1-2	16.0	20.0	0.150	160.9	5 x 1/4"	x 159.6	5 x 1/4"	x 161.0			
	20.0	20.0	0.150	264.0	5 x 1/4"	x 20.0	5 x 1/4"	x 360.0			
	20.0	20.0	0.150	96.0	5 x 3/8"	x 360.0					
RF1-3	20.0	33.1	0.220	315.4	6 x 1/4"	x 158.3	6 x 5/16"	x 312.0			
					6 x 1/4"	x 158.2					
RF1-4	P6x134										



RIGID FRAME ELEVATION: FRAME LINE 2 3 4

GENERAL NOTES

- ▽ INDICATES FLANGE BRACING LOCATIONS. (1) = ONE SIDE; (2) = TWO SIDES.
- IF FLANGE BRACING IS REQUIRED ON BOTH SIDES OF AN EXPANDABLE RIGID FRAME, THE OPPOSITE SIDE FLANGE BRACES WILL HAVE TO BE INSTALLED AT THE TIME OF FUTURE EXPANSION. THESE FLANGE BRACES HAVE BEEN PROVIDED, AS REQUIRED, FOR THIS FUTURE CONDITION.
- RIGID FRAMES SHALL HAVE 50% OF THEIR BOLTS INSTALLED AND TIGHTENED ON BOTH SIDES OF THE WEB ADJACENT TO EACH FLANGE BEFORE THE HOISTING EQUIPMENT IS RELEASED.
- INTERIOR COLUMN METAL TAG IS ORIENTED TOWARD THE LOW EAVE OF THE BUILDING.

DATE	ISSUE	BY	CHK	APP
05/29/2020	PERMITS	JDB	ACB	JDB
05/29/2020	ANCHOR BOLTS	JDB	ACB	JDB

RENEGADE STEEL BUILDINGS, INC.

60 EAST JEFFERSON ST.
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DANIEL VUNCANNON
4792 RAWLS CHURCH RD, FUQUAY VARINA, NC 27526

VUNCANNON CONTRACTING
FUQUAY VARINA, NC 27526

SHEET TITLE

JOB NUMBER
S2008195A



05/29/2020

SEAL 044221

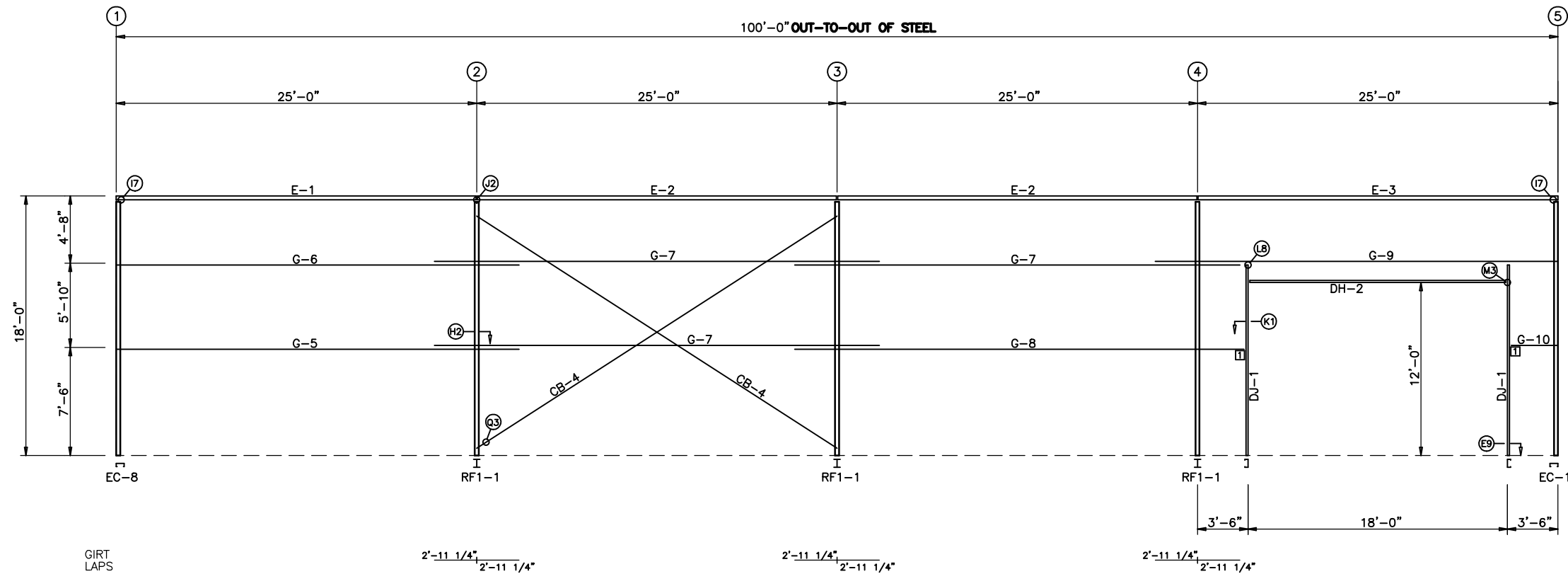
JEFFREY D. BOX

ENGINEER

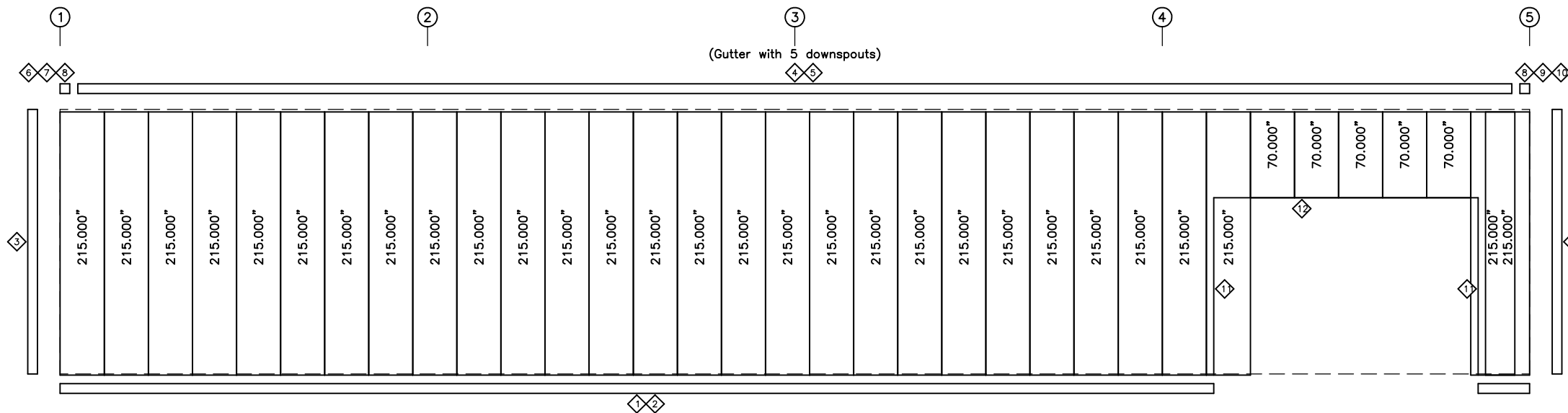
NORTH CAROLINA PROFESSIONAL ENGINEER

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SHEET
E2 of 6



SIDEWALL FRAMING: FRAME LINE J



SIDEWALL SHEETING & TRIM: FRAME LINE J
PANELS: 26 Ga. CW - Sandstone SP

ID	PART	LENGTH	DETAIL
1	BSA01	121.000	TRIM_304
2	BSA02	242.000	TRIM_304
3	OCA01	242.000	TRIM_79
4	GTA01	121.000	TRIM_1
5	GTA02	242.000	TRIM_1
6	H4000	5.000	TRIM_21
7	RCA01	9.250	
8	GRA01	8.000	
9	H4000	5.000	
10	RCA02	9.250	
11	JTA145	145.000	TRIM_98
12	HTA220	220.000	TRIM_98

MARK	PART	LENGTH
DJ-1	J08C060	160.000
DH-2	J08C060	216.000
E-1	08E060	299.625
E-2	08E060	299.750
E-3	08E099	299.625
G-5	08Z060	335.000
G-6	08Z054	335.000
G-7	08Z054	370.500
G-8	08Z054	374.000
G-9	08Z060	335.000
G-10	08Z054	38.500
CB-4	RDB-	366.000

ID	MARK/PART
1	a1

SIDEWALL FRAMING PLAN

GENERAL NOTES

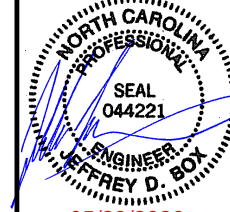
- STD. ROD/CABLE SIZES PER PART PREFIX ARE:

ROD	CABLE
RDB- = 5/8" ROD	CAA- = 1/4" CABLE
RDC- = 3/4" ROD	CAB- = 3/8" CABLE
RDD- = 7/8" ROD	CAC- = 1/2" CABLE
RDE- = 1" ROD	
RDF- = 1 1/8" ROD	
RDG- = 1 1/4" ROD	
- ROD/CABLE BRACING THAT OCCURS IN FLUSH OR INSET GIRTS WILL REQUIRE FIELD SLOTTING OF GIRT WEBS TO ALLOW FOR BRACING.
- FRAMED OPENINGS WHICH ARE FIELD LOCATED WILL REQUIRE FIELD CUTTING OF GIRTS AND SHEETING.
- THIS DRAWING IS NOT TO SCALE.

DATE	ISSUE
05/29/2020	PERMITS
05/29/2020	ANCHOR BOLTS

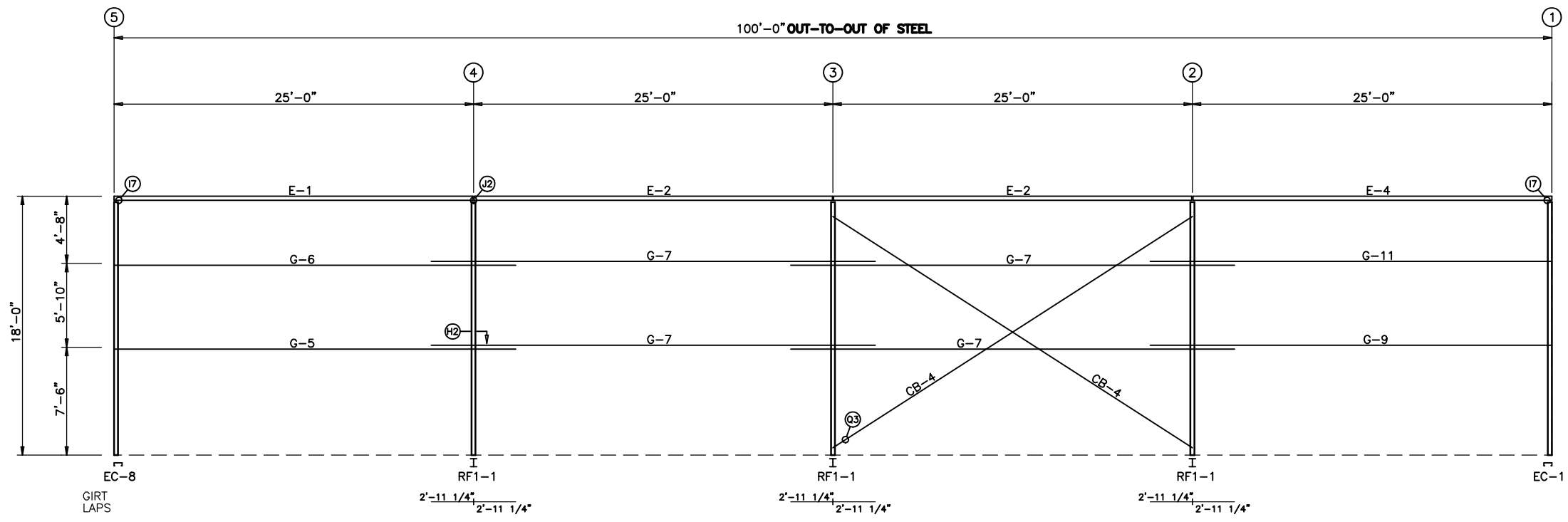
RENEGADE STEEL BUILDINGS, INC.
 60 EAST JEFFERSON ST.
 HOSCHTON, GA 30548
 PHONE: (877) 363-4233
 FAX: (706) 654-3104

PROJECT NAME: DANIEL VUNCANNON
 4792 RAWLS CHURCH RD, FUQUAY VARINA, NC 27526
 CUSTOMER NAME: VUNCANNON CONTRACTING
 FUQUAY VARINA, NC 27526
 JOB NUMBER: S2008195A
 SHEET TITLE: SIDEWALL FRAMING PLAN

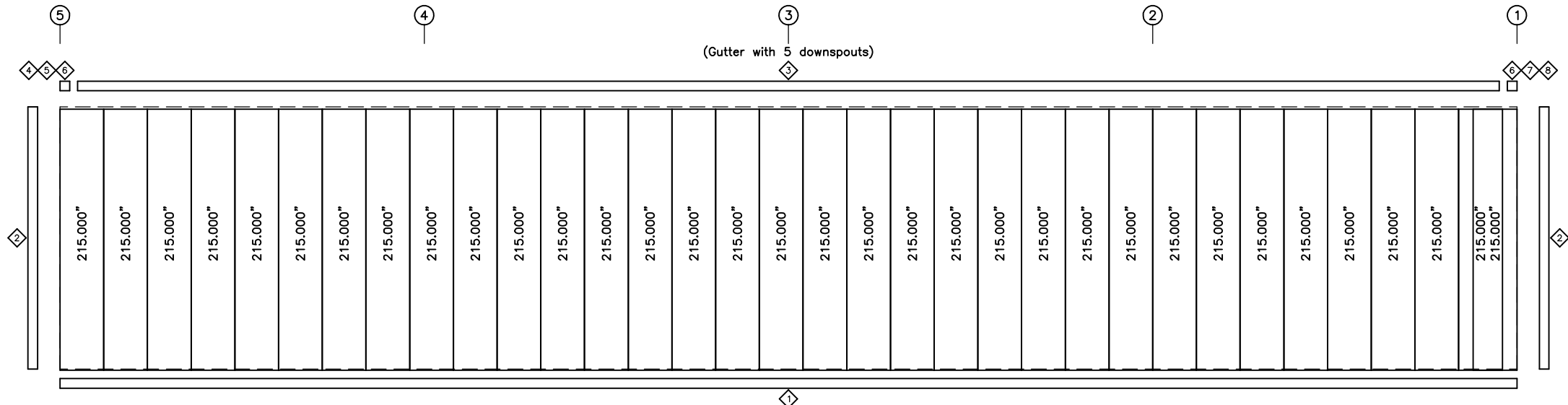


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 SHEET E3 of 6

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SIDEWALL FRAMING: FRAME LINE A



SIDEWALL SHEETING & TRIM: FRAME LINE A
PANELS: 26 Ga. CW - Sandatone SP

TRIM TABLE FRAME LINE A			
ID	PART	LENGTH	DETAIL
1	BSA02	242.000	TRIM_304
2	OCA01	242.000	TRIM_79
3	GTA02	242.000	TRIM_1
4	H4000	5.000	TRIM_21
5	RCA01	9.250	
6	GRA01	8.000	
7	H4000	5.000	
8	RCA02	9.250	

MEMBER TABLE FRAME LINE A		
MARK	PART	LENGTH
E-1	08E060	299.625
E-2	08E060	299.750
E-4	08E060	299.625
G-5	08Z060	335.000
G-6	08Z054	335.000
G-7	08Z054	370.500
G-9	08Z060	335.000
G-11	08Z054	335.000
CB-4	RDB-	366.000

SIDEWALL FRAMING PLAN

GENERAL NOTES

- STD. ROD/CABLE SIZES PER PART PREFIX ARE:

ROD	CABLE
RDB- = 5/8" ROD	CAA- = 1/4" CABLE
RDC- = 3/4" ROD	CAB- = 3/8" CABLE
RDD- = 7/8" ROD	CAC- = 1/2" CABLE
RDE- = 1" ROD	
RDF- = 1 1/8" ROD	
RDG- = 1 1/4" ROD	
- ROD/CABLE BRACING THAT OCCURS IN FLUSH OR INSET GIRTS WILL REQUIRE FIELD SLOTTING OF GIRT WEBS TO ALLOW FOR BRACING.
- FRAMED OPENINGS WHICH ARE FIELD LOCATED WILL REQUIRE FIELD CUTTING OF GIRTS AND SHEETING.
- THIS DRAWING IS NOT TO SCALE.

DATE	ISSUE
05/29/2020	PERMITS
05/29/2020	ANCHOR BOLTS

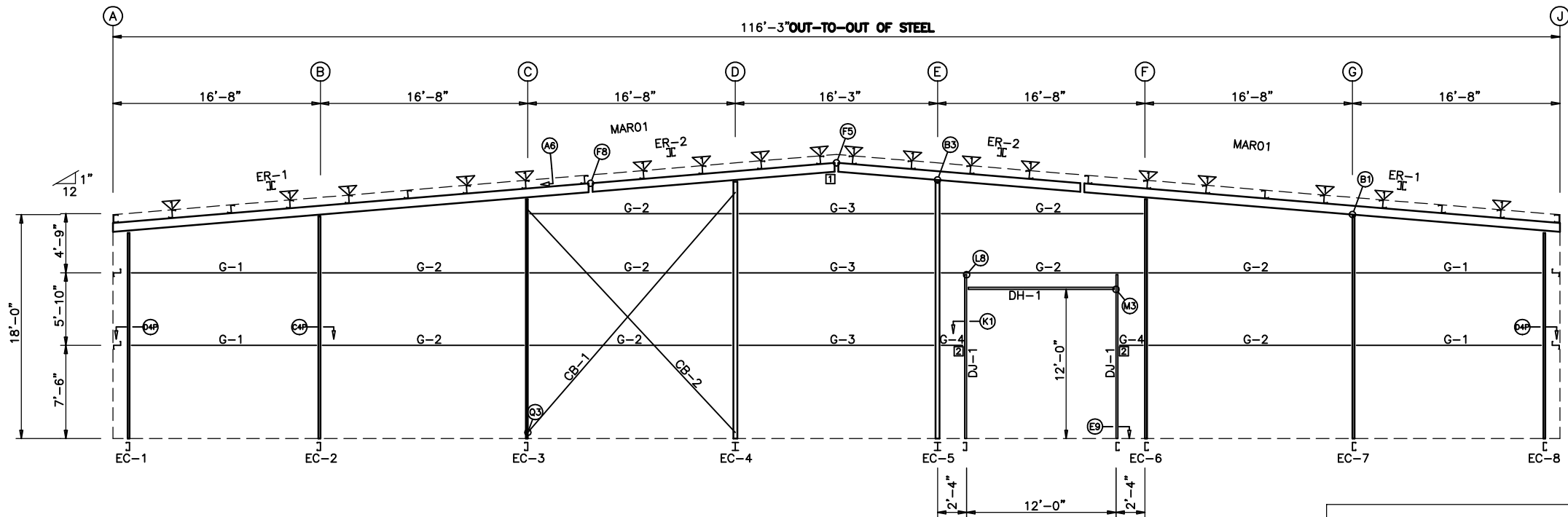
RENEGADE STEEL BUILDINGS, INC.
 60 EAST JEFFERSON ST.
 HOSCHTON, GA 30548
 PHONE: (877) 363-4233
 FAX: (706) 654-3104

PROJECT NAME: DANIEL VUNCANNON
 4792 RAWLS CHURCH RD, FUQUAY VARINA, NC 27526
 CUSTOMER NAME: VUNCANNON CONTRACTING
 FUQUAY VARINA, NC 27526
 JOB NUMBER: S2008195A
 SHEET TITLE: SHEET



05/29/2020
 SHEET E4 of 6

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ENDWALL FRAMING: FRAME LINE 1

This endwall framing is not designed for future expansion

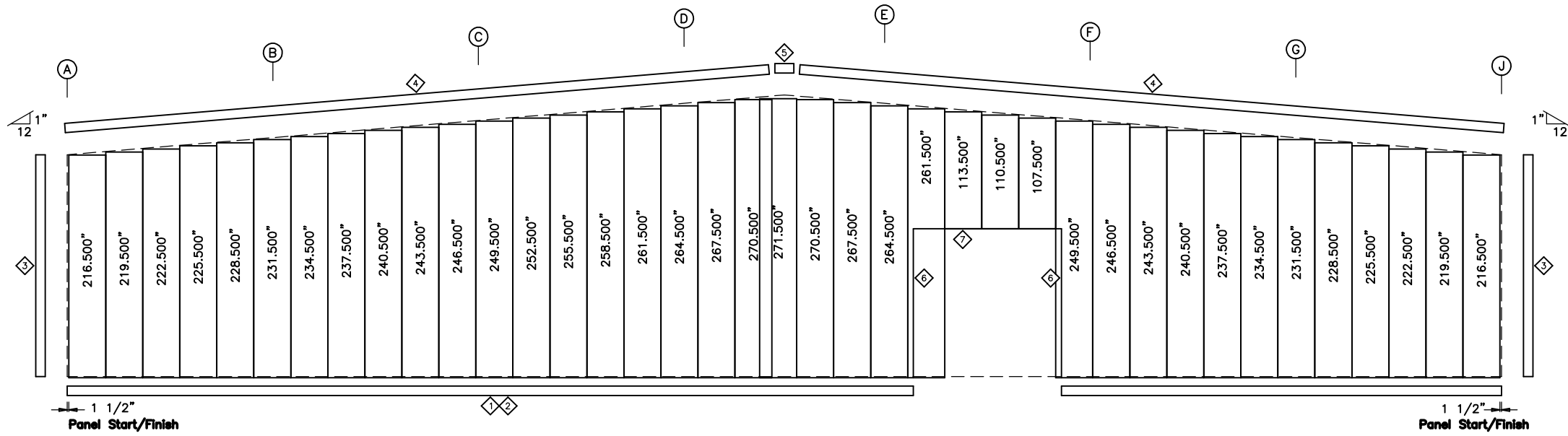
BOLT TABLE FRAME LINE 1				
LOCATION	QUAN	TYPE	DIA	LENGTH
ER-1/ER-2	8	A325	5/8"	2 1/4"
ER-2/ER-2	4	A325	1/2"	2"
Cor_Column/Raf	6	A325	1/2"	2"
EC-2/ER-1	6	A325	1/2"	2"
EC-3/ER-1	6	A325	1/2"	2"
EC-4/ER-2	4	A325	1/2"	2"
EC-5/ER-2	4	A325	1/2"	2"
EC-6/ER-1	6	A325	1/2"	2"
EC-7/ER-1	6	A325	1/2"	2"

TRIM TABLE FRAME LINE 1			
ID	PART	LENGTH	DETAIL
1	BSA01	121.000	TRIM_304
2	BSA02	242.000	TRIM_304
3	OCA01	242.000	TRIM_79
4	RTA02	242.000	TRIM_2
5	MPB01	26.440	
6	JTA145	145.000	TRIM_98
7	HTA148	148.000	TRIM_98

MEMBER TABLE FRAME LINE 1		
MARK	PART	LENGTH
EC-1	W08S075	201.250
EC-2	W08S089	216.625
EC-3	W08S105	233.250
EC-4	W8x10	250.125
EC-5	W8x10	250.125
EC-6	W08S099	233.250
EC-7	W08S089	216.625
EC-8	W08S075	201.250
ER-1	W08SD089	462.313
ER-2	W08SD089	236.438
DJ-1	J08C060	160.000
DH-1	J08C060	144.000
G-1	08Z054	175.500
G-2	08Z054	191.500
G-3	08Z054	186.500
G-4	08Z054	20.500
CB-1	RDB-	316.000
CB-2	RDB-	303.000

FLANGE BRACE TABLE FRAME LINE 1			
ID	#	MARK	CLIP
1	1	FBE01	

CONNECTION PLATES FRAME LINE 1	
ID	MARK/PART
1	NCR03
2	a1



ENDWALL SHEETING & TRIM: FRAME LINE 1
PANELS: 26 Ga. CW - Sandstone SP

ENDWALL FRAMING PLAN

GENERAL NOTES

- STD. ROD/CABLE SIZES PER PART PREFIX ARE:

ROD	CABLE
RDB- = 5/8" ROD	CAA- = 1/4" CABLE
RDC- = 3/4" ROD	CAB- = 3/8" CABLE
RDD- = 7/8" ROD	CAC- = 1/2" CABLE
RDE- = 1" ROD	
RDF- = 1 1/8" ROD	
RDG- = 1 1/4" ROD	
- ROD/CABLE BRACING THAT OCCURS IN FLUSH OR INSET GIRT CONDITIONS WILL REQUIRE FIELD SLOTTING OF GIRT WEBS TO ALLOW FOR BRACING.
- FRAMED OPENINGS WHICH ARE FIELD LOCATED WILL REQUIRE FIELD CUTTING OF GIRTS AND SHEETING.
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PROJECT NAME: DANIEL VUNCANNON
 4792 RAWLS CHURCH RD, FUQUAY VARINA, NC 27526
 CUSTOMER NAME: VUNCANNON CONTRACTING
 FUQUAY VARINA, NC 27526
 JOB NUMBER: S2008195A
 SHEET TITLE: SHEET

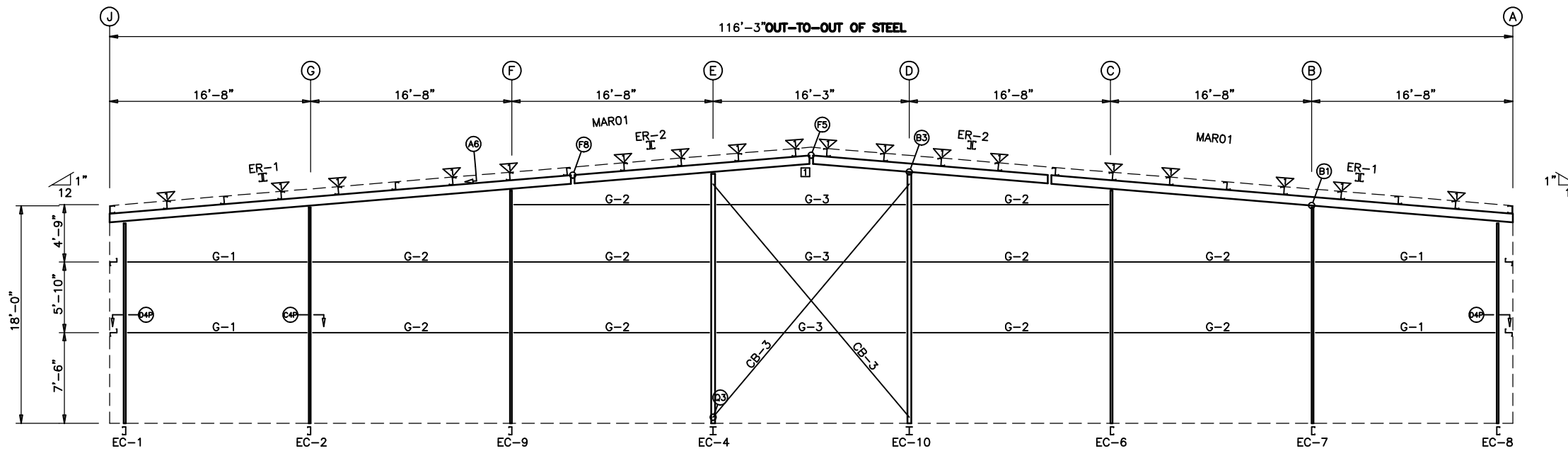
RENEGADE STEEL BUILDINGS, INC.
 60 EAST JEFFERSON ST.
 HOSCHTON, GA 30548
 PHONE: (877) 363-4233
 FAX: (706) 684-3104

DATE: 05/29/2020
 DRAWN: MBS
 CHECKED: JMW
 DESIGNED: JMW
 IN CHARGE: JMW
 PERMITS: JMW

SEAL: 044221
 ENGINEER: JEFFREY D. BOY
 05/29/2020

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E5 of 6



ENDWALL FRAMING: FRAME LINE 5

This endwall framing is not designed for future expansion

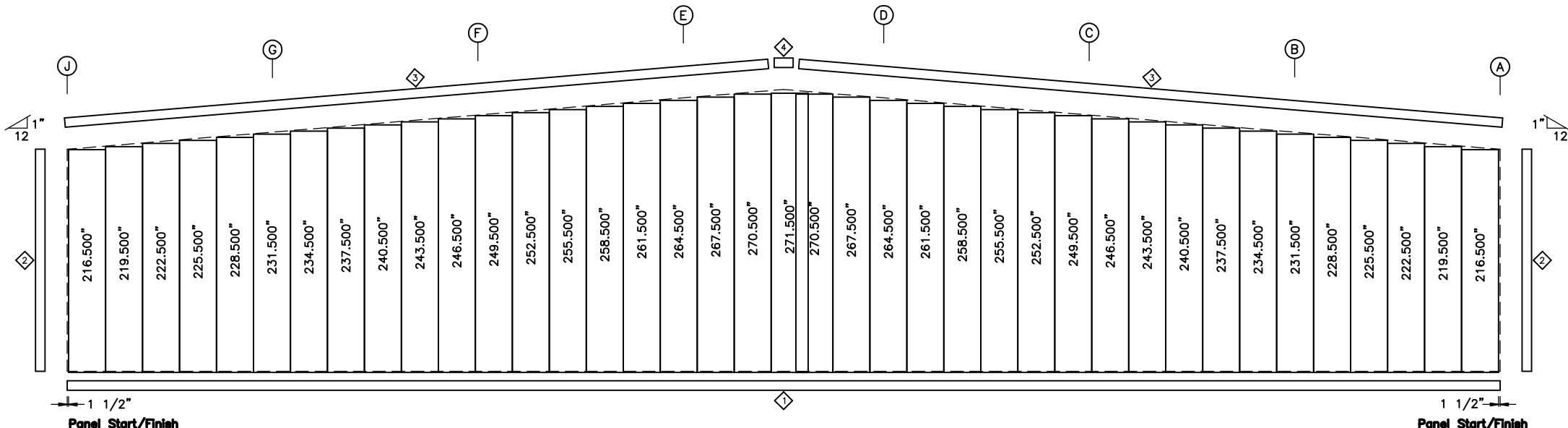
BOLT TABLE FRAME LINE 5				
LOCATION	QUAN	TYPE	DIA	LENGTH
ER-1/ER-2	8	A325	5/8"	2 1/4"
ER-2/ER-2	4	A325	1/2"	2"
Cor_Column/Raf	6	A325	1/2"	2"
EC-2/ER-1	6	A325	1/2"	2"
EC-9/ER-1	6	A325	1/2"	2"
EC-4/ER-2	4	A325	1/2"	2"
EC-10/ER-2	4	A325	1/2"	2"
EC-6/ER-1	6	A325	1/2"	2"
EC-7/ER-1	6	A325	1/2"	2"

TRIM TABLE FRAME LINE 5			
ID	PART	LENGTH	DETAIL
1	BSA02	242.000	TRIM_304
2	OCA01	242.000	TRIM_79
3	RTA02	242.000	TRIM_2
4	MPB01	26.440	

MEMBER TABLE FRAME LINE 5		
MARK	PART	LENGTH
EC-1	W08S075	201.250
EC-2	W08S089	216.625
EC-4	W8x10	250.125
EC-6	W08S099	233.250
EC-7	W08S089	216.625
EC-8	W08S075	201.250
EC-9	W08S099	233.250
EC-10	W8x10	250.125
ER-1	W08SD089	462.313
ER-2	W08SD089	236.438
G-1	08Z054	175.500
G-2	08Z054	191.500
G-3	08Z054	186.500
CB-3	RDB-	312.000

FLANGE BRACE TABLE FRAME LINE 5			
ID	#	MARK	CLIP
1	1	FBE01	

CONNECTION PLATES FRAME LINE 5	
ID	MARK/PART
1	NCR03



ENDWALL SHEETING & TRIM: FRAME LINE 5
PANELS: 26 Ga. CW - Sandstone SP

ENDWALL FRAMING PLAN

GENERAL NOTES

- STD. ROD/CABLE SIZES PER PART PREFIX ARE:

ROD	CABLE
RDB- = 5/8" ROD	CAA- = 1/4" CABLE
RDC- = 3/4" ROD	CAB- = 3/8" CABLE
RDD- = 7/8" ROD	CAC- = 1/2" CABLE
RDE- = 1" ROD	
RDF- = 1 1/8" ROD	
RDG- = 1 1/4" ROD	
- ROD/CABLE BRACING THAT OCCURS IN FLUSH OR INSET GIRT CONDITIONS WILL REQUIRE FIELD SLOTTING OF GIRT WEBS TO ALLOW FOR BRACING.
- FRAMED OPENINGS WHICH ARE FIELD LOCATED WILL REQUIRE FIELD CUTTING OF GIRTS AND SHEETING.
- THIS DRAWING IS NOT TO SCALE.

DATE	ISSUE
05/29/2020	JDB
05/29/2020	ACB
05/29/2020	JMW
05/29/2020	JMW
05/29/2020	MBS
05/29/2020	MBS

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 CUSTOMER NAME
VUNCANNON CONTRACTING
 FUQUAY VARINA, NC 27526
 JOB NUMBER
S2008195A



05/29/2020
 SHEET
E6 of 6