

BUILDING PLANS

Austin Gardner Office

2265 BENSON ROAD

HARNETT COUNTY, NORTH CAROLINA

PREPARED FOR

Austin Gardner Office
OLD STAGE ROAD
HARNETT COUNTY, NORTH CAROLINA
TELEPHONE 919-669-1106

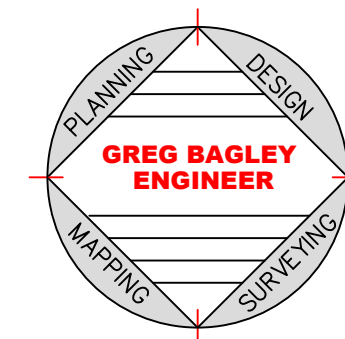
ENGINEER

C. GREGORY BAGLEY
805 COKESBURY ROAD
FUQUAY VARINA, NC 27526
PHONE: (919) 552-1600

SHEET INDEX

COVER SHEET
BC1-OF-1....APPENDIX B / BUILDING CODE SUMMARY
SP1.....SITE PLAN/UTILITY PLAN/LANDSCAPE PLAN
FP1-OF-1....FLOOR PLAN
ELEV1-OF1....ELEVATIONS
FND1-OF-1...FOUNDATION PLAN
P1-OF-1....PLUMBING PLAN
M1-OF-1....MECHANICAL PLAN
E1-OF-1....ELECTRICAL PLAN

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



**2018 APPENDIX B
BUILDING CODE SUMMARY
FOR ALL COMMERCIAL PROJECTS
(EXCEPT 1 AND 2-FAMILY DWELLINGS AND TOWNHOUSES)
(Reproduce the following data on the building plans sheet 1 or 2)**

Name of Project: Austin Gardner Office
 Address: 2265 BENSON ROAD Zip Code: 28312
 Proposed Use: C. GREGORY BAGLEY 919-609-0300
 Owner/Authorized Agent: GREG BAGLEY Phone # (919) 609 - 0300 E-Mail: PDB.GREG@GMAIL.COM
 Owned By: City/County Private State
 Code Enforcement Jurisdiction: City County State
HARNETT COUNTY

LEAD DESIGN PROFESSIONAL: Greg Bagley
 DESIGNER FIRM NAME LICENSE # TELEPHONE # E-MAIL
 Architectural C. Gregory Bagley, Engineer Greg Bagley 12276 (919-909-0300) GDB.GREG@GMAIL.COM
 Civil C. Gregory Bagley, Engineer Greg Bagley 12276 (919-909-0300) GDB.GREG@GMAIL.COM
 Electrical C. Gregory Bagley, Engineer Greg Bagley 12276 (919-909-0300) GDB.GREG@GMAIL.COM
 Fire Alarm C. Gregory Bagley, Engineer Greg Bagley 12276 (919-909-0300) GDB.GREG@GMAIL.COM
 Plumbing C. Gregory Bagley, Engineer Greg Bagley 12276 (919-909-0300) GDB.GREG@GMAIL.COM
 Mechanical C. Gregory Bagley, Engineer Greg Bagley 12276 (919-909-0300) GDB.GREG@GMAIL.COM
 Sprinkler-Standpipe C. Gregory Bagley, Engineer Greg Bagley 12276 (919-909-0300) GDB.GREG@GMAIL.COM
 Structural C. Gregory Bagley, Engineer Greg Bagley 12276 (919-909-0300) GDB.GREG@GMAIL.COM
 Retaining Walls >5' High C. Gregory Bagley, Engineer Greg Bagley 12276 (919-909-0300) GDB.GREG@GMAIL.COM
 Other C. Gregory Bagley, Engineer Greg Bagley 12276 (919-909-0300) GDB.GREG@GMAIL.COM

2012 EDITION OF NC CODE FOR: New Construction Addition Upfit
 EXISTING: Reconstruction Alteration Repair Renovation
 CONSTRUCTED: (date) ORIGINAL USE(S) (Ch. 3): VACANT LOT
 RENOVATED: (date) CURRENT USE(S) (Ch. 3):
 PROPOSED USE(S) (Ch. 3): CORPORATE OFFICE

BASIC BUILDING DATA
 Construction Type: I-A II-A III-A IV V-A
 (check all that apply) I-B II-B III-B V-B
 Sprinklers: No Partial Yes NFPA 13 NFPA 13R NFPA 13D
 Standpipes: No Yes Class I II III Wet Dry
 Fire District: No Yes (Primary) Flood Hazard Area: No Yes
 Building Height: (feet)
Gross Building Area:
 FLOOR EXISTING (SQ FT) NEW (SQ FT) SUB-TOTAL
 6th Floor
 5th Floor
 4th Floor
 3rd Floor
 2nd Floor
 Mezzanine
 1st Floor 11640 11,640
 Basement
 TOTAL 11,640

ALLOWABLE AREA

FLOOR	EXISTING (SQ FT)	NEW (SQ FT)	SUB-TOTAL
6 th Floor			
5 th Floor			
4 th Floor			
3 rd Floor			
2 nd Floor			
Mezzanine			
1 st Floor		11640	11,640
Basement			
TOTAL			11,640

Occupancy:
 Assembly A-1 A-2 A-3 A-4 A-5
 Business B
 Educational E
 Factory F-1 Moderate F-2 Low
 Hazardous H-1 Detonate H-2 Deflagrate H-3 Combust H-4 Health H-5 HPM
 Institutional I-1 I-2 I-3 I-4
 I-3 Condition 1 2 3 4 5
 Mercantile M
 Residential R-1 R-2 R-3 R-4
 Storage S-1 Moderate S-2 Low High-piled
 Parking Garage Open Enclosed Repair Garage
 Utility and Miscellaneous

Accessory Occupancies:
 Assembly A-1 A-2 A-3 A-4 A-5
 Business B
 Educational E
 Factory F-1 Moderate F-2 Low
 Hazardous H-1 Detonate H-2 Deflagrate H-3 Combust H-4 Health H-5 HPM
 Institutional I-1 I-2 I-3 I-4
 I-3 Condition 1 2 3 4 5
 Mercantile M
 Residential R-1 R-2 R-3 R-4
 Storage S-1 Moderate S-2 Low High-piled
 Parking Garage Open Enclosed Repair Garage
 Utility and Miscellaneous

Incidental Uses (Table 508.2.5):
 Furnace room where any piece of equipment is over 400,000 Btu per hour input
 Rooms with boilers where the largest piece of equipment is over 15 psi and 10 horsepower
 Refrigerant machine room
 Hydrogen cutoff rooms, not classified as Group H
 Incinerator rooms
 Paint shops, not classified as Group H, located in occupancies other than Group F
 Laboratories and vocational shops, not classified as Group H, located in a Group E or I-2 occupancy
 Laundry rooms over 100 square feet
 Group I-3 cells equipped with padded surfaces
 Group I-2 waste and linen collection rooms
 Waste and linen collection rooms over 100 square feet
 Stationary storage battery systems having a liquid electrolyte capacity of more than 50 gallons, or a lithium-ion capacity of 1,000 pounds used for facility standby power, emergency power or uninterrupted power supplies
 Rooms containing fire pumps
 Group I-2 storage rooms over 100 square feet
 Group I-2 commercial kitchens
 Group I-2 laundries equal to or less than 100 square feet
 Group I-2 rooms or spaces that contain fuel-fired heating equipment
Special Uses: 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427
Special Provisions: 509.2 509.3 509.4 509.5 509.6 509.7 509.8 509.9
Mixed Occupancy: No Yes Separation: 2 Hr. Exception:
 Incidental Use Separation (508.2.5)
 This separation is not exempt as a Non-Separated Use (see exceptions).

This separation is not exempt as a Non-Separated Use (see exceptions).
 Non-Separated Use (508.3)
 The required type of construction for the building shall be determined by applying the height and area limitations for each of the applicable occupancies to the entire building. The most restrictive type of construction, so determined, shall apply to the entire building.
 Separated Use (508.4) - See below for area calculations
 For each story, the area of the occupancy shall be such that the sum of the ratios of the actual floor area of each use divided by the allowable floor area for each use shall not exceed 1.

$$\frac{\text{Actual Area of Occupancy A}}{\text{Allowable Area of Occupancy A}} + \frac{\text{Actual Area of Occupancy B}}{\text{Allowable Area of Occupancy B}} \leq 1$$

$$\frac{4745}{40250} + \frac{8100}{42500} + \dots = .308 \leq 1.00$$

STORY NO.	DESCRIPTION AND USE	(A) BLDG AREA PER STORY (ACTUAL)	(B) TABLE 503 ¹ AREA	(C) AREA FOR FRONTAGE INCREASE ¹	(D) AREA FOR SPRINKLER INCREASE ²	(E) ALLOWABLE AREA OR UNLIMITED ³	(F) MAXIMUM BUILDING AREA ⁴
1	BUSINESS OFF	3266	23000	17250	0		40250
1	S-2	8734	8734	19500	0		42500

¹ Frontage area increases from Section 506.2 are computed thus:
 a. Perimeter which fronts a public way or open space having 20 feet minimum width = 556 (F)
 b. Total Building Perimeter = 556 (P)
 c. Ratio (F/P) = 1 (F/P)
 d. W = Minimum width of public way = 50 (W)
 e. Percent of frontage increase $I_1 = 100 [F/P - 0.25] \times W/30 = 75 (%)$
² The sprinkler increase per Section 506.3 is as follows:
 a. Multi-story building $I_1 = 200$ percent
 b. Single story building $I_1 = 300$ percent
³ Unlimited area applicable under conditions of Section 507.
⁴ Maximum Building Area = total number of stories in the building x E (506.4).
⁵ The maximum area of open parking garages must comply with Table 406.3.5. The maximum area of air traffic control towers must comply with Table 412.1.2.

ALLOWABLE HEIGHT

	ALLOWABLE (TABLE 503)	INCREASE FOR SPRINKLERS	SHOWN ON PLANS	CODE REFERENCE
Type of Construction	Type <u>II-B</u>		Type <u>II-B</u>	
Building Height in Feet	<u>14'</u>	Feet = H + 20' = <u>26'</u>		
Building Height in Stories	<u>1</u>	Stories + 1 = <u>2</u>		

FIRE PROTECTION REQUIREMENTS NR = Not Required

BUILDING ELEMENT	FIRE SEPARATION DISTANCE (FEET)	RATING PROVIDED (W/REDUCTION)	DETAIL # AND SHEET #	DESIGN # FOR RATED ASSEMBLY	DESIGN # FOR RATED PENETRATION	DESIGN # FOR RATED JOINTS
Structural Frame, including columns, girders, trusses	10	0	0004	NR		
Bearing Walls	0	0	0004	NR		
Exterior			0004	NR		
North	0	0	0004	NR		
East	0	0	0004	NR		
West	0	0	0004	NR		
South	0	0	0004	NR		
Interior						
Nonbearing Walls and Partitions	0	0	0004	NR		
Exterior walls	0	0	0004	NR		
North	0	0	0004	NR		
East	0	0	0004	NR		
West	0	0	0004	NR		
South	0	0	0004	NR		
Interior walls and partitions						
Floor Construction including supporting beams and joists	0	0	0004	NR		
Roof Construction including supporting beams and joists	0	0	0004	NR		
Shaft Enclosures - Exit						
Shaft Enclosures - Other						
Corridor Separation						
Occupancy Separation						
Party/Fire Wall Separation						
Smoke Barrier Separation						
Tenant Separation						
Incidental Use Separation						

* Indicate section number permitting reduction

LIFE SAFETY SYSTEM REQUIREMENTS

Emergency Lighting: No Yes
 Exit Signs: No Yes
 Fire Alarm: No Yes
 Smoke Detection Systems: No Yes Partial
 Panic Hardware: No Yes

LIFE SAFETY PLAN REQUIREMENTS
 Life Safety Plan Sheet #: CODE SHEET
 Fire and/or smoke rated wall locations (Chapter 7)
 Assumed and real property line locations
 Exterior wall opening area with respect to distance to assumed property lines (705.8)
 Existing structures within 30' of the proposed building
 Occupancy types for each area as it relates to occupant load calculation (Table 1004.1.1)
 Occupant loads for each area
 Exit access travel distances (1016)
 Common paths of travel distances (1014.3 & 1028.8)
 Dead end lengths (1018.4)
 Clear exit widths for each exit door
 Maximum calculated occupant load capacity each exit door can accommodate based on egress width (1005.1)
 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 (1008.1.10)
 Location of doors with delayed egress locks and the amount of delay (1008.1.9.7)
 Location of doors with electromagnetic egress locks (1008.1.9.8)
 Location of doors equipped with hold-open devices
 Location of emergency escape windows (1029)
 The square footage of each fire area (902)
 The square footage of each smoke compartment (407.4)
 Note any code exceptions or table notes that may have been utilized regarding the items above

ACCESSIBLE DWELLING UNITS (SECTION 1107)

TOTAL UNITS	ACCESSIBLE UNITS REQUIRED	ACCESSIBLE UNITS PROVIDED	TYPE A UNITS REQUIRED	TYPE A UNITS PROVIDED	TYPE B UNITS REQUIRED	TYPE B UNITS PROVIDED	TOTAL ACCESSIBLE UNITS PROVIDED
0							

ACCESSIBLE PARKING (SECTION 1106)

LOT OR PARKING AREA	TOTAL # OF PARKING SPACES REQUIRED	PROVIDED	# OF ACCESSIBLE SPACES PROVIDED			TOTAL # ACCESSIBLE PROVIDED
			REGULAR WITH 5' ACCESS AISLE	132' ACCESS AISLE	8' ACCESS AISLE	
Main Parking	25	27	1		1	1
TOTAL						

DESIGN LOADS:
Importance Factors: Wind (I_w) .87
 Snow (I_s) .8
 Seismic (I_e) 1
Live Loads: Roof 20 psf
 Mezzanine psf
 Floor 125 psf
Ground Snow Load: 10 psf
Wind Load: Basic Wind Speed 110 mph (ASCE-7)
 Exposure Category C
 Wind Base Shears (for MWFRS) V_x = -8.77 V_y = -7.38

SEISMIC DESIGN CATEGORY: A B C D
 Provide the following Seismic Design Parameters:
 Occupancy Category (Table 1604.5) I II III IV
 Spectral Response Acceleration S_s = 2.7 %g S₁ = 3.7 %g
 Site Classification (Table 1613.5.2) A B C D E F
 Data Source: Field Test Presumptive Historical Data
Basic structural system (check one)
 Bearing Wall Dual w/Special Moment Frame
 Building Frame Dual w/Intermediate R/C or Special Steel
 Moment Frame Inverted Pendulum
Seismic base shear: V_x = V_y =
Analysis Procedure: Simplified Equivalent Lateral Force Dynamic
Architectural, Mechanical, Components anchored? Yes No

LATERAL DESIGN CONTROL: Earthquake Wind
SOIL BEARING CAPACITIES:
 Field Test (provide copy of test report) psf
 Presumptive Bearing capacity 2000 psf
 Pile size, type, and capacity
SPECIAL INSPECTIONS REQUIRED: Yes No

PLUMBING FIXTURE REQUIREMENTS (TABLE 2902.1)

USE	WATERCLOSETS		URINALS	LAVATORIES		SHOWERS/TUBS	DRINKING FOUNTAINS	
	MALE	FEMALE		MALE	FEMALE		REGULAR	ACCESSIBLE
SPACE EXISTING								
NEW	1	1	0	1	1	0	0	0
REQUIRED	1	1	0	1	1	0	0	0

SPECIAL APPROVALS

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

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 plan data sheet. If performance method, state the annual energy cost for the standard reference design vs annual energy cost for the proposed design.
Climate Zone: 3 4 5
Method of Compliance:
 Prescriptive (Energy Code)
 Performance (Energy Code)
 Prescriptive (ASHRAE 90.1)
 Performance (ASHRAE 90.1)

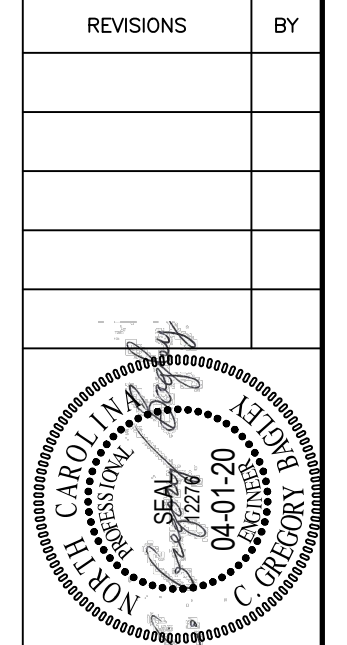
THERMAL ENVELOPE
Roof/ceiling Assembly (each assembly)
 Description of assembly: METAL and Underlayment
 U-Value of total assembly:
 R-Value of insulation: N/A
 Skylights in each assembly:
 U-Value of skylight:
 total square footage of skylights in each assembly:
Exterior Walls (each assembly)
 Description of assembly: METAL SIDING
 U-Value of total assembly:
 R-Value of insulation: R-15
 Openings (windows or doors with glazing)
 U-Value of assembly: N/A
 Solar heat gain coefficient:
 projection factor:
 Door R-Values: N/A

Walls below grade (each assembly) N/A
 Description of assembly:
 U-Value of total assembly:
 R-Value of insulation:
Floors over unconditioned space (each assembly)
 Description of assembly: N/A
 U-Value of total assembly:
 R-Value of insulation:
 Horizontal/vertical requirement:
 slab heated:
Floors slab on grade
 Description of assembly: CONCRETE
 U-Value of total assembly:
 R-Value of insulation:
 Horizontal/vertical requirement:
 slab heated:

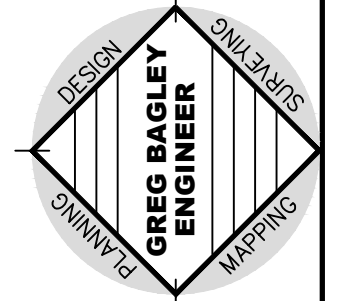
MECHANICAL SUMMARY
MECHANICAL SYSTEMS, SERVICE SYSTEMS AND EQUIPMENT
Thermal Zone
 winter dry bulb: N/A
 summer dry bulb: N/A
Interior design conditions
 winter dry bulb: 16
 summer dry bulb: 92
 relative humidity: 70
Building heating load: 46409
Building cooling load: 56705
Mechanical Spacing Conditioning System
 Unitary
 description of unit: COOLING/HEAT PUMP (3-3 TON)
 heating efficiency: 14 SEER
 cooling efficiency: 42
 size category of unit: 58000
 Boiler
 Size category. If oversized, state reason: N/A
 Chiller
 Size category. If oversized, state reason: N/A
List equipment efficiencies: 44 %

ELECTRICAL SUMMARY
ELECTRICAL SYSTEM AND EQUIPMENT
Method of Compliance:
 Energy Code: Prescriptive Performance
 ASHRAE 90.1: Prescriptive Performance
Lighting schedule (each fixture type)
1-g lamp type required in fixture
4 number of lamps in fixture
F96TB ballast type used in the fixture
1 number of ballasts in fixture
40-60 total wattage per fixture
.48 vs .40 total interior wattage specified vs. allowed (whole building or space by space)
2500 total exterior wattage specified vs. allowed
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 Heating
 506.2.5 On-Site Supply of Renewable Energy
 506.2.6 Automatic Daylighting Control Systems

Reviewed For Code Compliance By:
D. Banks Wallace
 Chief Deputy Fire Marshal
 01/05/2021 1:10:05 PM



805 COBESBURY ROAD
 FUQUAY VARRIN, NC 27526
 PHONE: (919) 552-1600
 FAX: (919) 552-6325



CODE SUMMARY

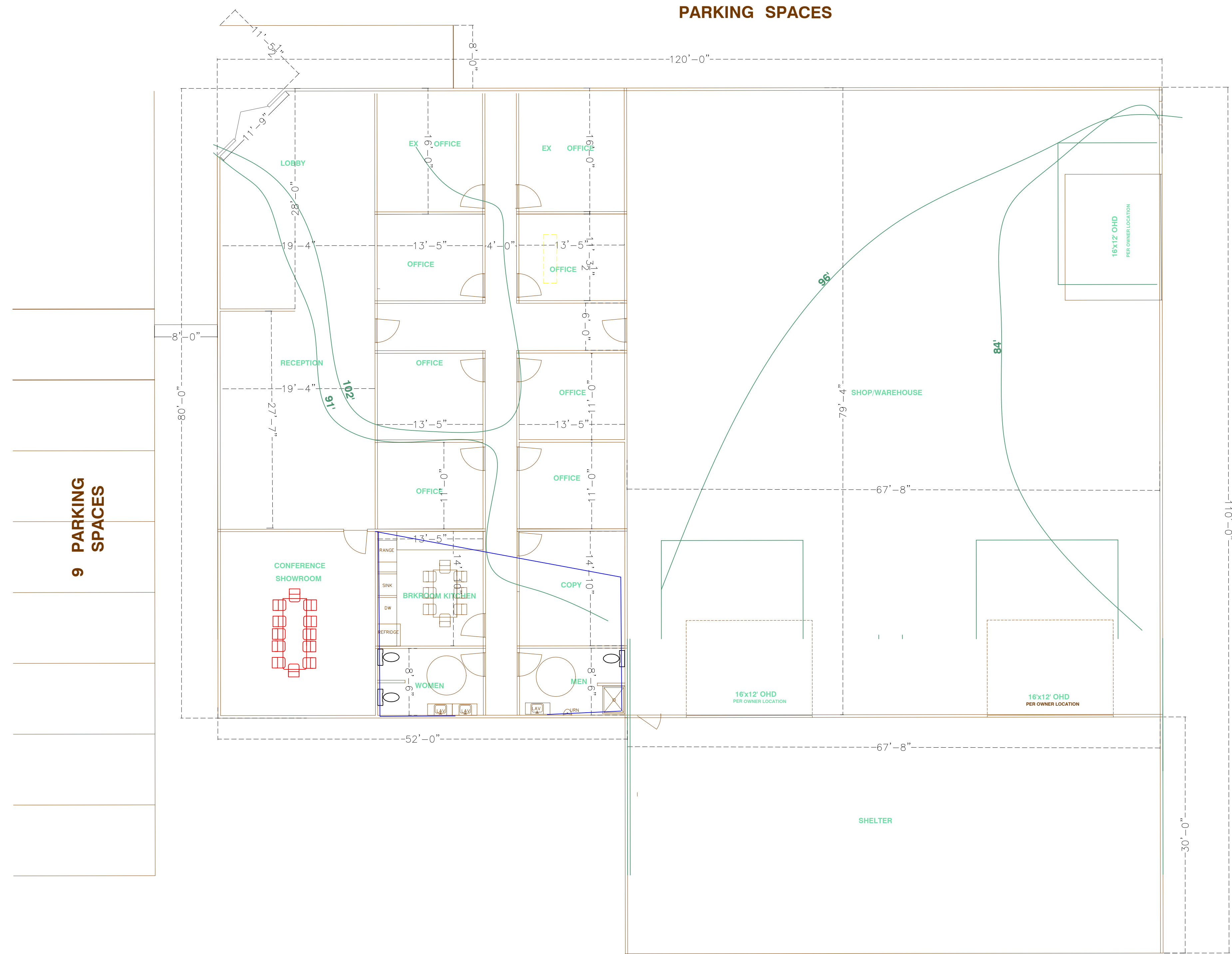
Austin Gardner Office
 NEW BUILDING
 2265 BENSON ROAD
 HARNETT COUNTY N.C.

DATE: 11-19-19
 SCALE:
 DESIGNED BY: CGB
 DRAWN BY:
 SHEET:
CODE 1 CODE

LIFE SAFETY PLAN REQUIREMENTS

Life Safety Plan Sheet #: CODE SHEET

- Fire and/or smoke rated wall locations (Chapter 7)
- Assumed and real property line locations
- Exterior wall opening area with respect to distance to assumed property lines (705.8)
- Existing structures within 30' of the proposed building
- Occupancy types for each area as it relates to occupant load calculation (Table 1004.1.1)
- Occupant loads for each area
- Exit access travel distances (1016)
- Common path of travel distances (1014.3 & 1028.8)
- Dead end lengths (1018.4)
- Clear exit widths for each exit door
- Maximum calculated occupant load capacity each exit door can accommodate based on egress width (1005.1)
- Actual occupant load for each exit door

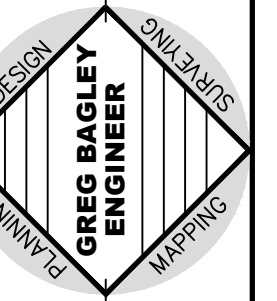


LIFE SAFETY

1/8" = 1'-0"

REVISIONS	BY

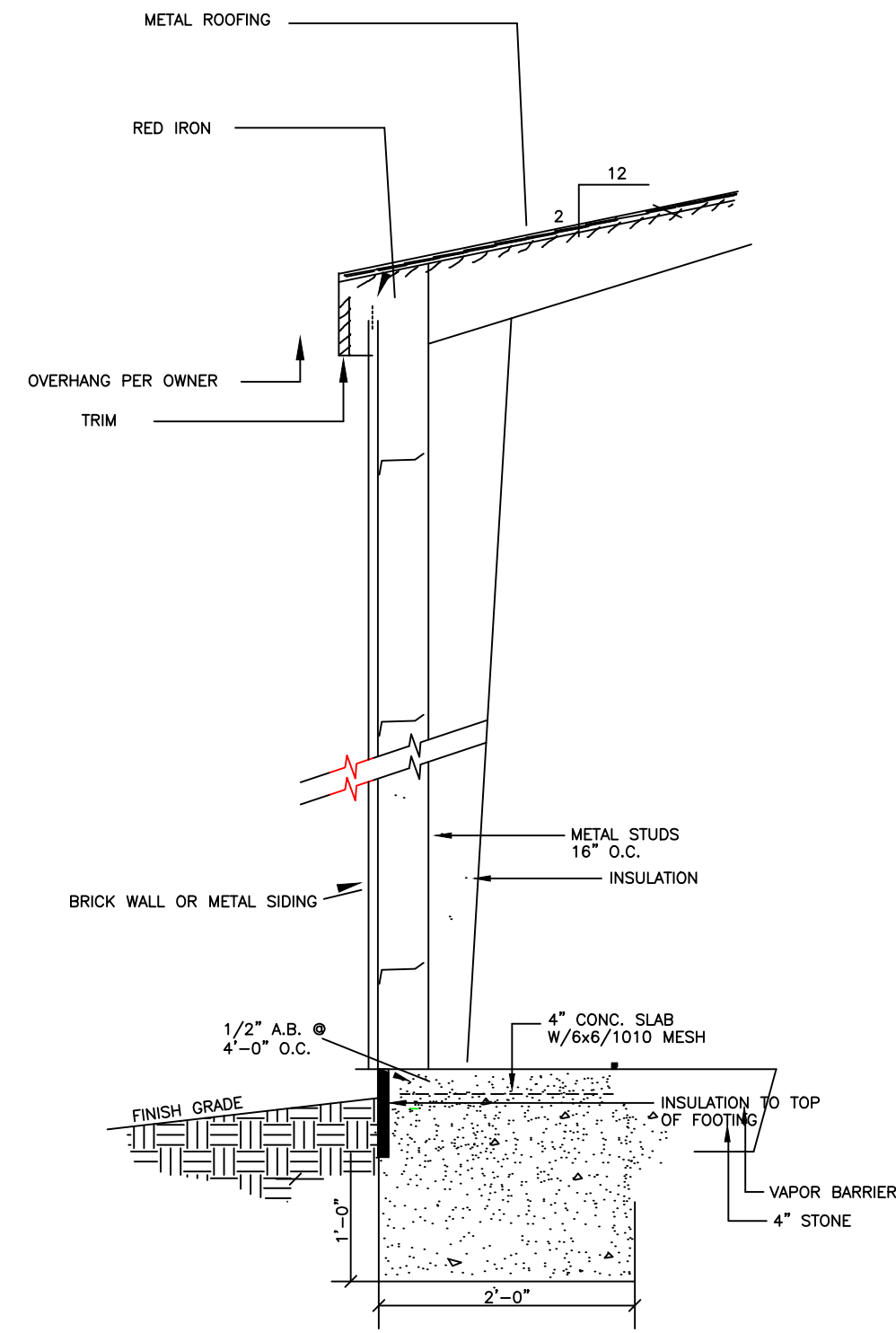
805 COKEBURY ROAD
 FLOUJAY VARIANA, NC 27526
 PHONE: (919) 552-1600
 FAX: (919) 552-6325



CODE SUMMARY

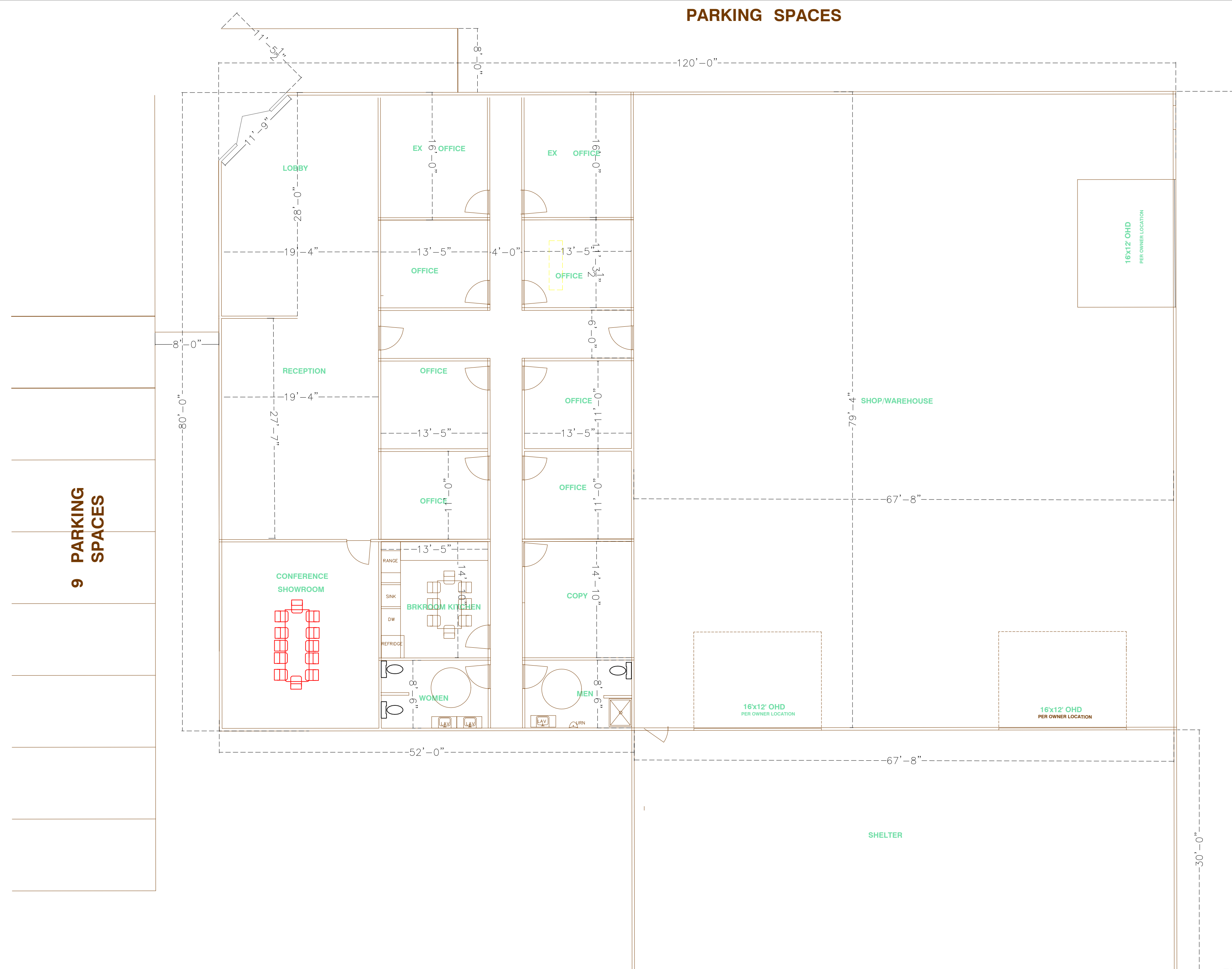
Austin Gardner Office
 NEW BUILDING
 2265 BENSON ROAD
 HARNETT COUNTY N.C.

DATE	11-19-19
SCALE	
DESIGNED BY	CGB
DRAWN BY	
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	LIFE SAFETY



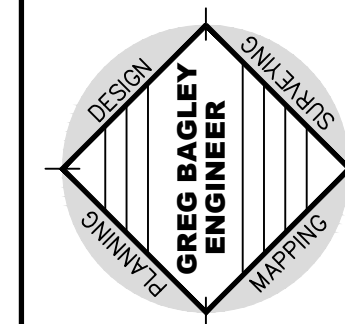
EXTERIOR WALL SECTION OPTION 1
NO SCALE

FLOOR PLAN
SCALE: 1/4" = 1'



REVISIONS	BY

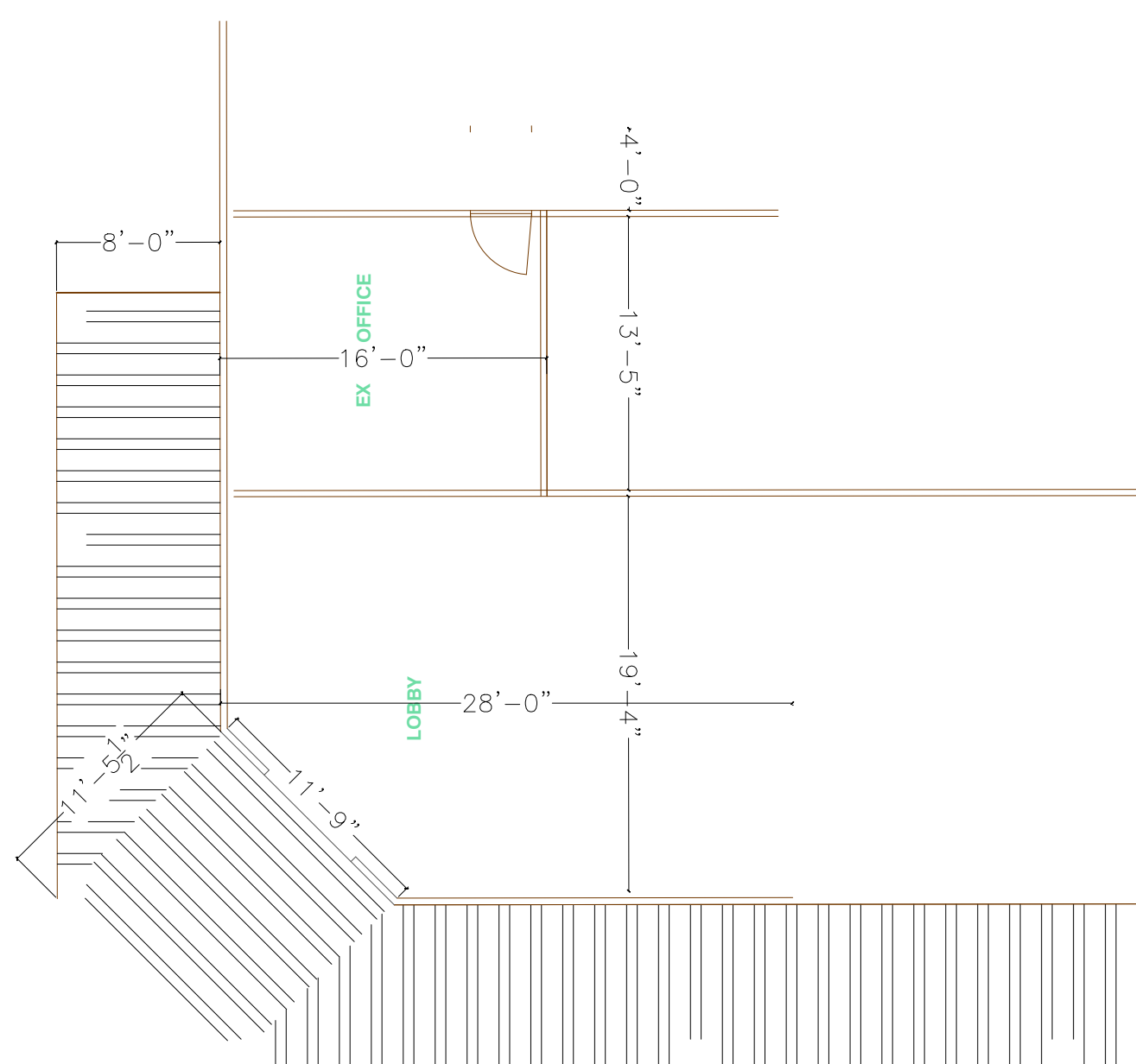
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FLOUAY VARINA, NC 27526
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FAX: (919) 552-6325



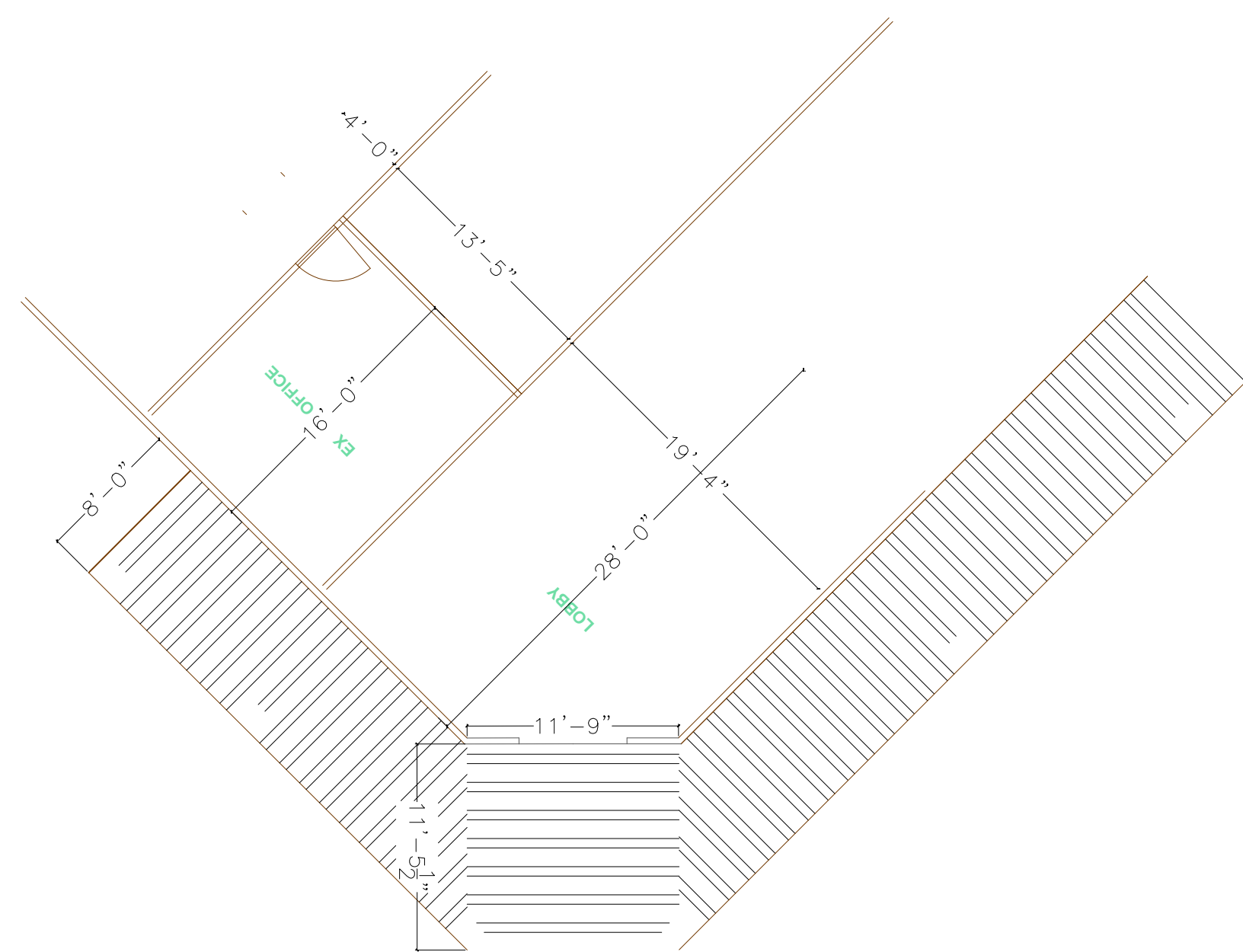
FLOOR PLAN

Austin Gardner Office
NEW BUILDING
2266 BENSON ROAD
HARNETT CO. NORTH CAROLINA

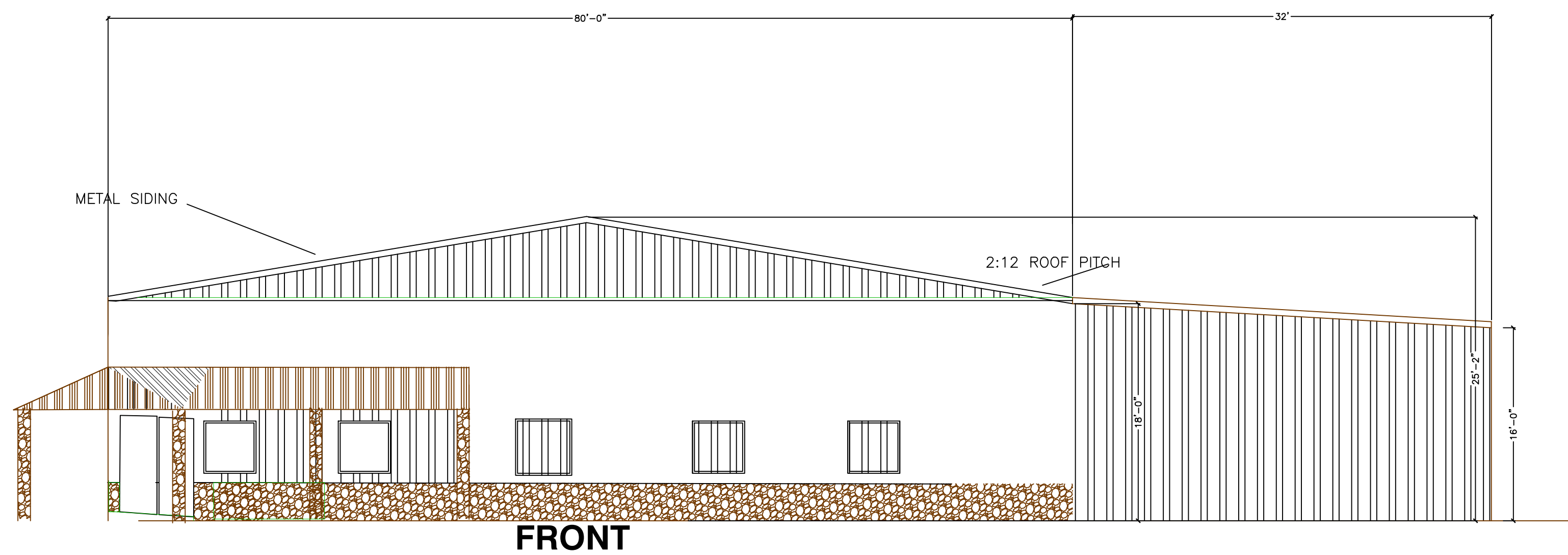
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DESIGNED BY	CCB
DRAWN BY	
SHEET	FP1



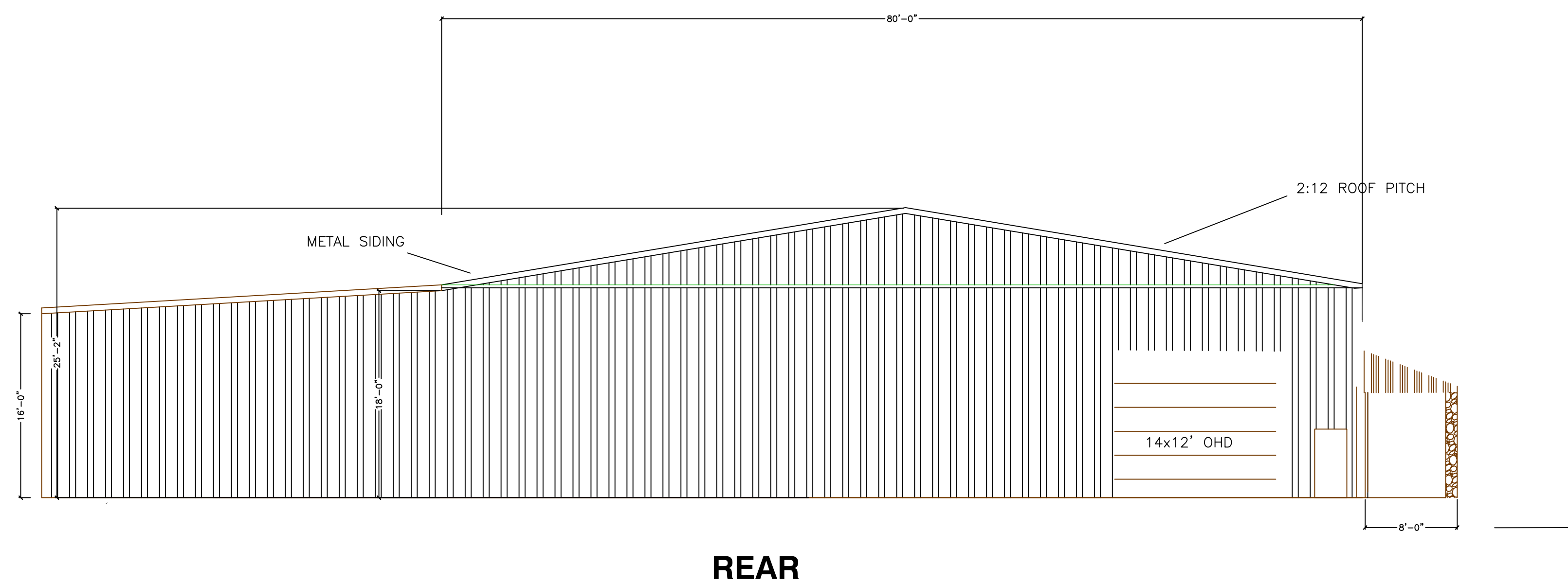
TOP VIEW AT FRONT



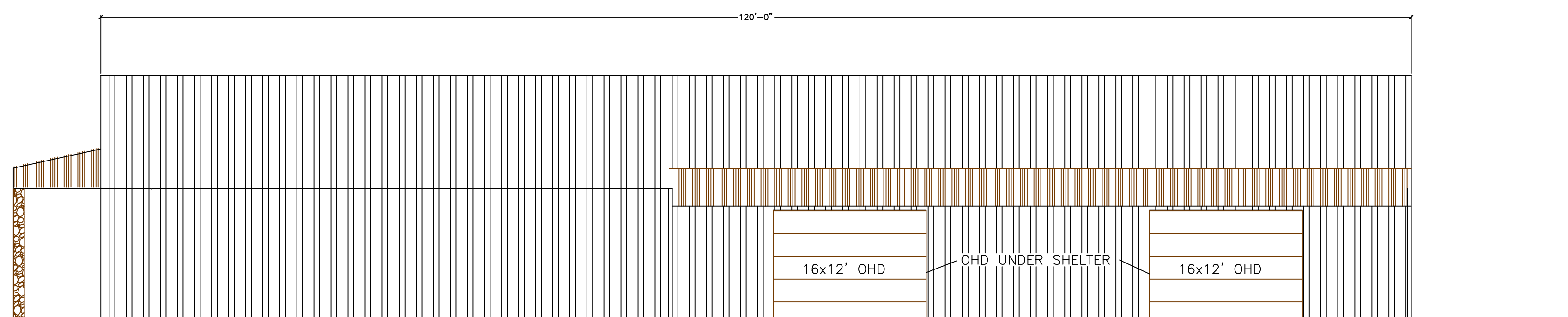
TOP VIEW FACING DOOR



FRONT



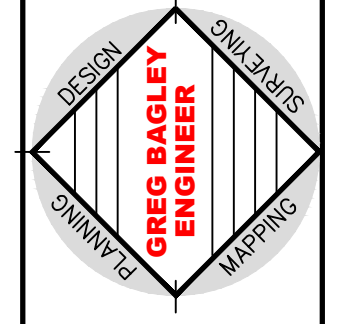
REAR



SIDE

REVISIONS	BY

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 FUGUAY VARIANA, NC 27526
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ELEVATIONS

Austin Gardner Office
 NEW BUILDING
 2265 BENSON ROAD
 HARNETT CO. NORTH CAROLINA

DATE	11-15-19
SCALE	1/8:1
DESIGNED BY	CGB
DRAWN BY	
SHEET	ELV 1
	ELEVATION

GENERAL NOTES

- 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.
- ENGINEER'S SEAL APPLIES TO STRUCTURAL COMPONENTS ONLY.
- REACTIONS PROVIDED BY DESIGN BUILD COMPANY (MESCO).
- SEE BUILDINGS DRAWINGS FOR COLUMN AND BASE PLATE SIZES.
- ANCHOR BOLT DESIGN PROVIDED BY BUILDING DESIGNER.
- UNLESS OTHERWISE NOTED, ALL CONCRETE SHALL HAVE THE FOLLOWING STRENGTH AND SLUMP REQUIREMENTS: 3000 PSI 28 DAY 6" SLUMP
- REINFORCING STEEL SHALL BE PER ASTM A-615 GRADE 60

FOUNDATION REACTION SCHEDULE PER METAL BUILDING MANUFACTURER

FOOTING SCHEDULE

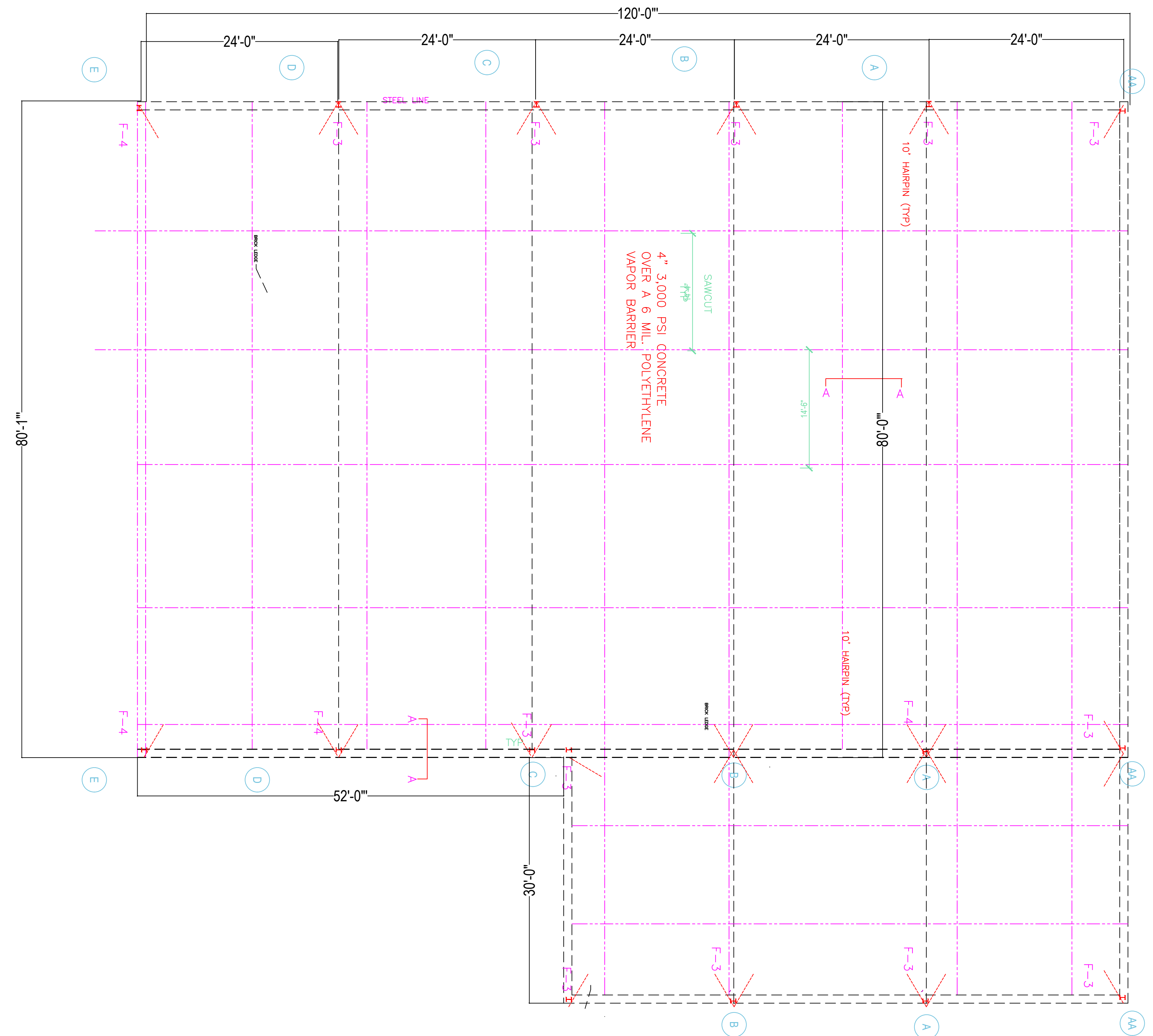
SYMBOL	SIZE	DEPTH	STEEL REINF.
F-1	2.5'x2.5'	24"	4 No. 5 E.W. BTM.
F-3	3'x3'	24"	5 No. 5 E.W. BTM.
F-4	4'x4'	20"	5 No. 5 E.W. BTM.
F-5	5'x5'	20"	6 No. 5 E.W. BTM.

ANCHOR BOLT SCHEDULE

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

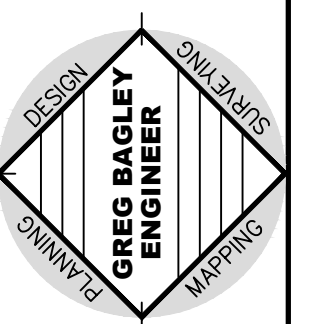
LINTEL SCHEDULE

LOCATION	SIZE
STORE FRONT OPENING	4" x 6" x 5/8"



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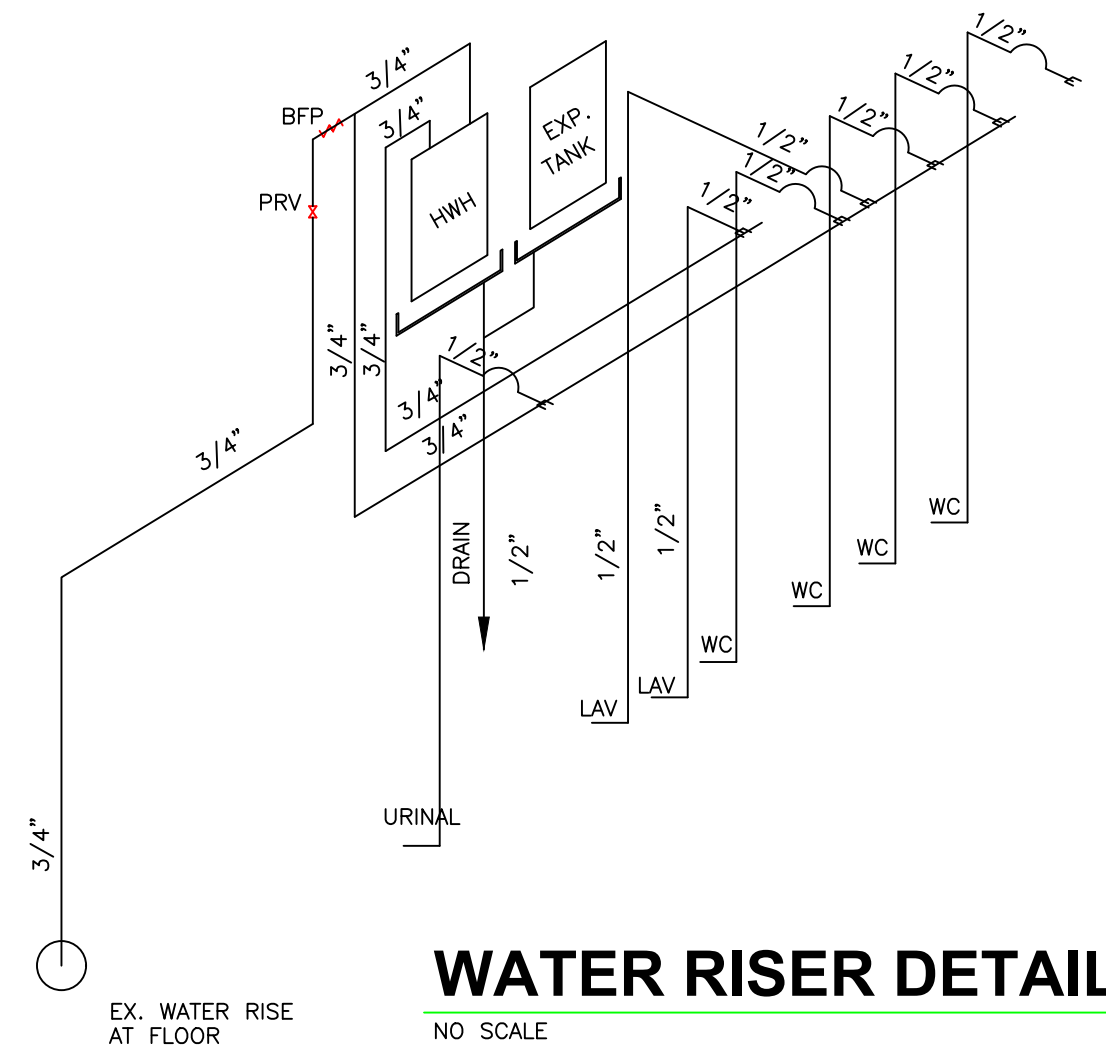
FOUNDATION

Austin Gardner Office
NEW BUILDING
2265 BENSON ROAD
COUNTY, N.C.

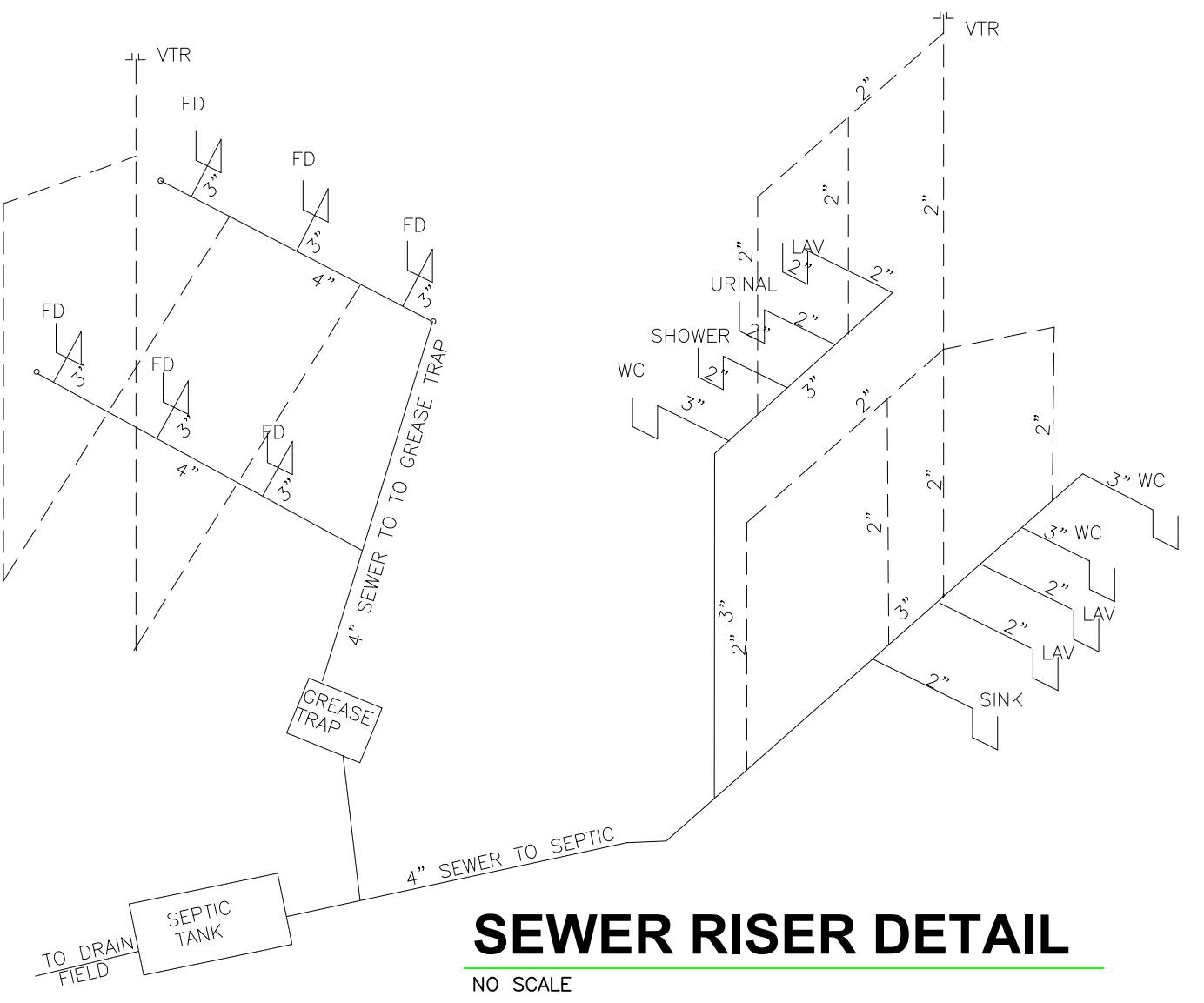
HARNETT

DATE 11-19-19
SCALE 1/4"=1'
DESIGNED BY CGB
DRAWN BY

SHEET
FND
FOUNDATION



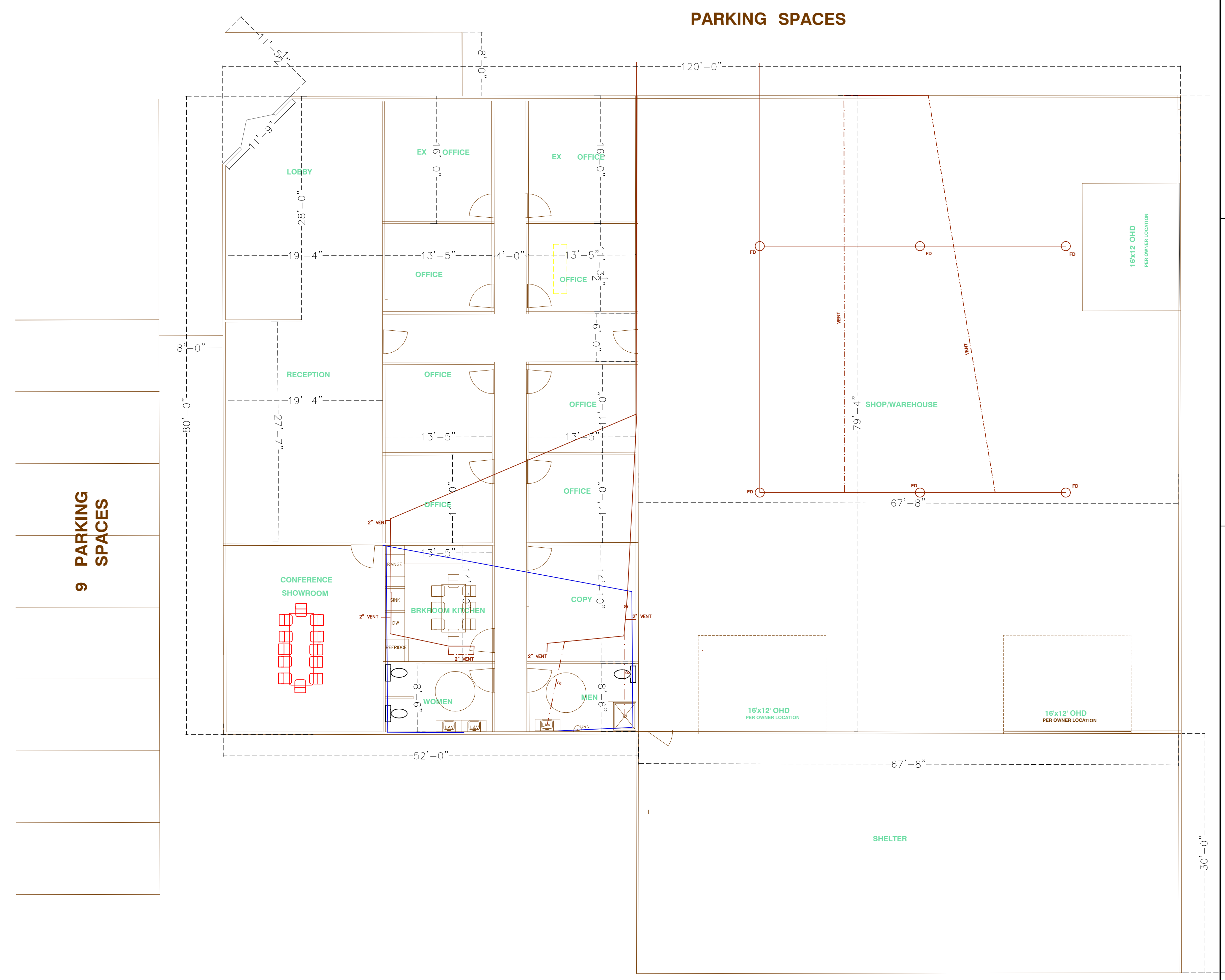
WATER RISER DETAIL
NO SCALE



SEWER RISER DETAIL
NO SCALE

FIXTURE SCHEDULE

- KITCHEN
2 COMPARTMENT SINK 18"x32"
- WOMENS
2 TOILETS
1 LAV
- MENS
1 TOILET
1 LAV
- UTILITY
1 100 GAL GAS WATER HEATER

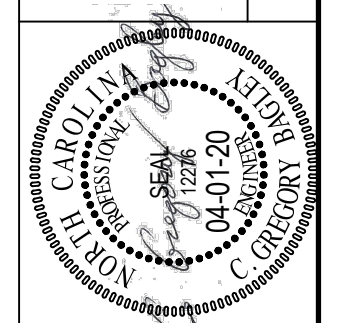


NOTES:

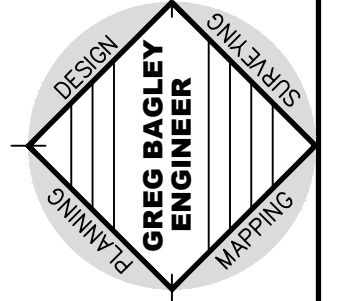
1. SEWER AND WATER TO BE TIED TO EXISTING PIPING AS REQUIRED BY CODE.
2. BATHROOMS PER CODE.
3. ALL PLUMBING TO BE INSTALLED BY LICENSED PLUMBING CONTRACTOR.

PLUMBING PLAN
SCALE: 1/4" = 1'

REVISIONS	BY



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



PLUMBING PLAN

Austin Gardner Office
NEW BUILDING
2266 BENSON ROAD
COUNTY, N.C.
HARNETT

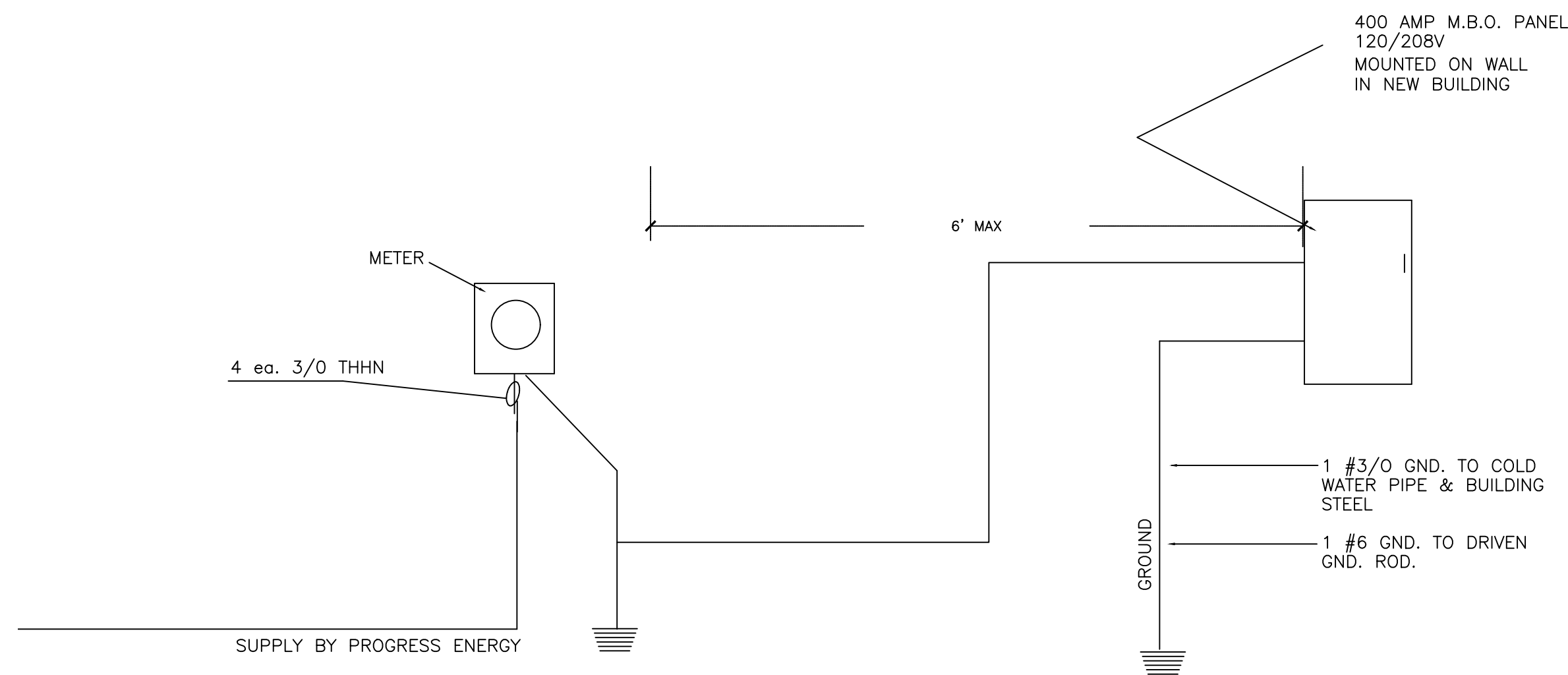
DATE	11-19-19
SCALE	1/4":1'
DESIGNED BY	CCB
DRAWN BY	
SHEET	P1
	PLUMBING

ELECTRICAL PANEL A

VOLTAGE 400/208/120V 1 PHASE : 4 WIRE									
DEVICE	BRANCH CIRCUIT	PHASE			BRANCH CIRCUIT	DEVICE			
AMPS TRIP	DESCRIPTION	PHASE A	PHASE B	PHASE C	DESCRIPTION	AMPS TRIP			
20	LIGHTING	1			2 LIGHTING	1 20			
20	LIGHTING	3			4 RECP.T.	1 20			
20	RECP.T.	5			6 RECP.T. GFI	1 20			
20	RECP.T.	7			8 RECP.T. GFI	1 20			
40	HVAC	9			10 AIR HANDLER	1 40			
40	HVAC	11			12 AIR HANDLER	1 40			
40	HVAC	13			14 AIR HANDLER	1 40			
20	RECP.T.	15			16 LIGHTING	1 20			
30	LWH	17			18 RECP.T.	1 20			
20	PARKING LOT LITES	19			20 RECP.T.	1 20			
20	LIGHTING	21			22 LIGHTING	1 20			
20	LIGHTING	23			24 LIGHTING	1 20			

LIGHT SCHEDULE

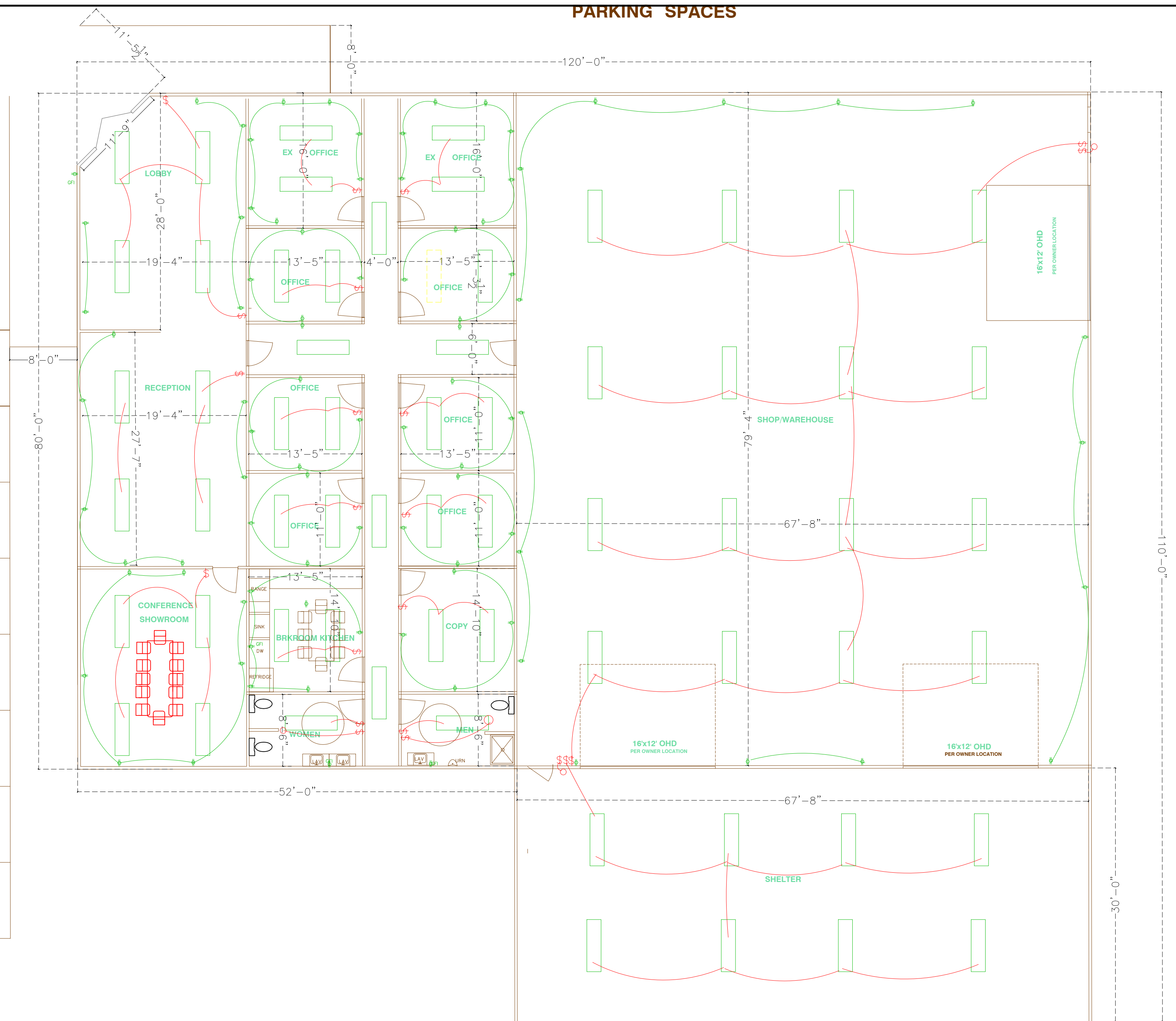
- LED LIGHT PER OWNER
- EXIT LIGHTS
- EMERGENCY EXIT COMBO LIGHTS
W/ BATTERY BACK-UP
- EMERGENCY LIGHTS
W/ BATTERY BACK-UP
- INCANDESCENT FIXTURE PER OWNER
- LED FIXTURE PER OWNER
- EXISTING STROBE AND HORN ALARM
TO BE REMOVED



ELECTRICAL DIAGRAM

NOT TO SCALE

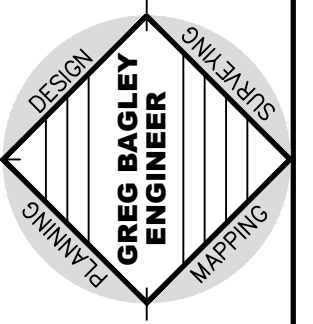
9 PARKING SPACES



ELECTRICAL PLAN
SCALE: 1/4" = 1'

REVISIONS	BY

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FLOUJAY VARINA, NC 27526
PHONE: (919) 552-1600
FAX: (919) 552-6325



ELECTRICAL DESIGNS

Austin Gardner Office
NEW BUILDING
2265 BENSON ROAD
HARNETT COUNTY, N.C.

DATE 11-19-19
SCALE 1/4":1
DESIGNED BY CGB
DRAWN BY
SHEET **E1**
ELECTRICAL