

# 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

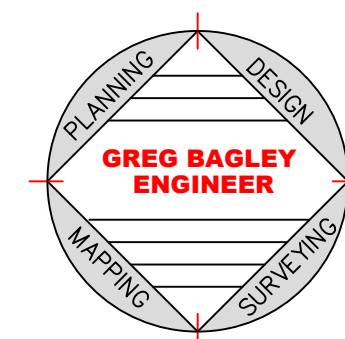
### ENGINEER

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.

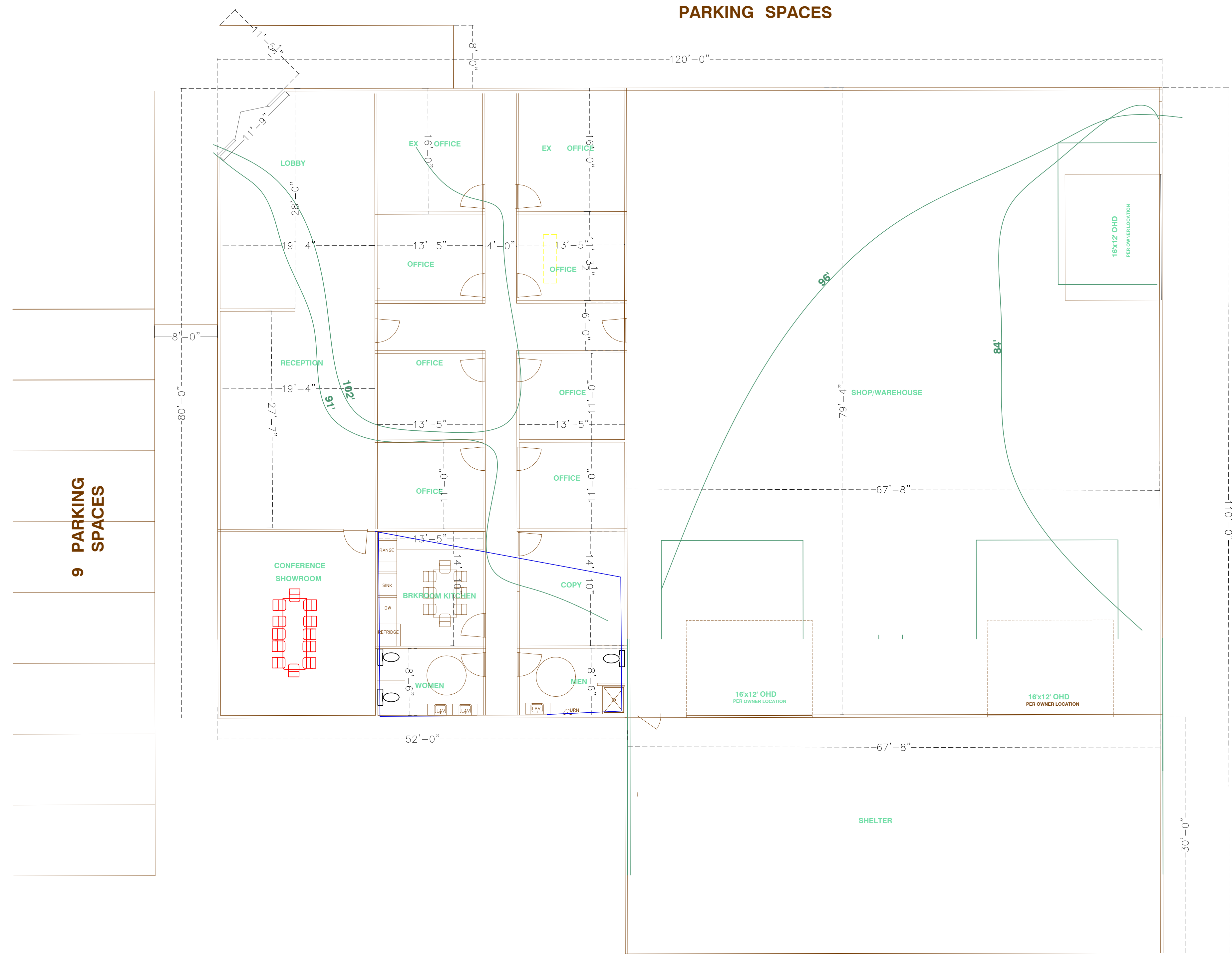




**LIFE SAFETY PLAN REQUIREMENTS**

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

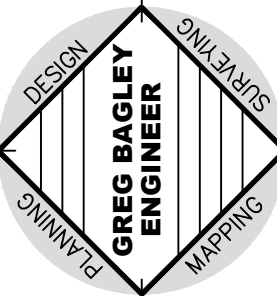


**LIFE SAFETY**

1/8" = 1'-0"

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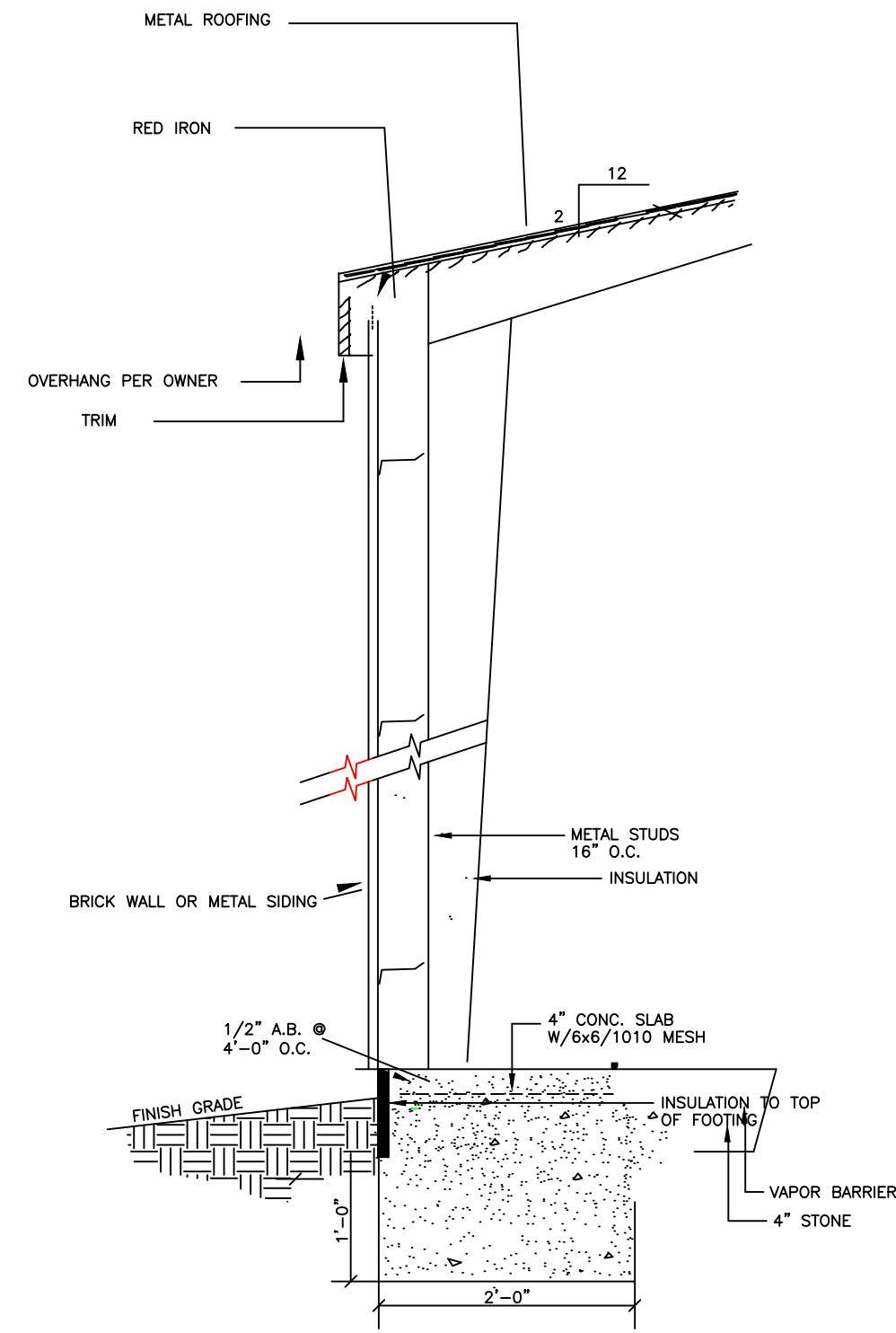


**CODE SUMMARY**

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

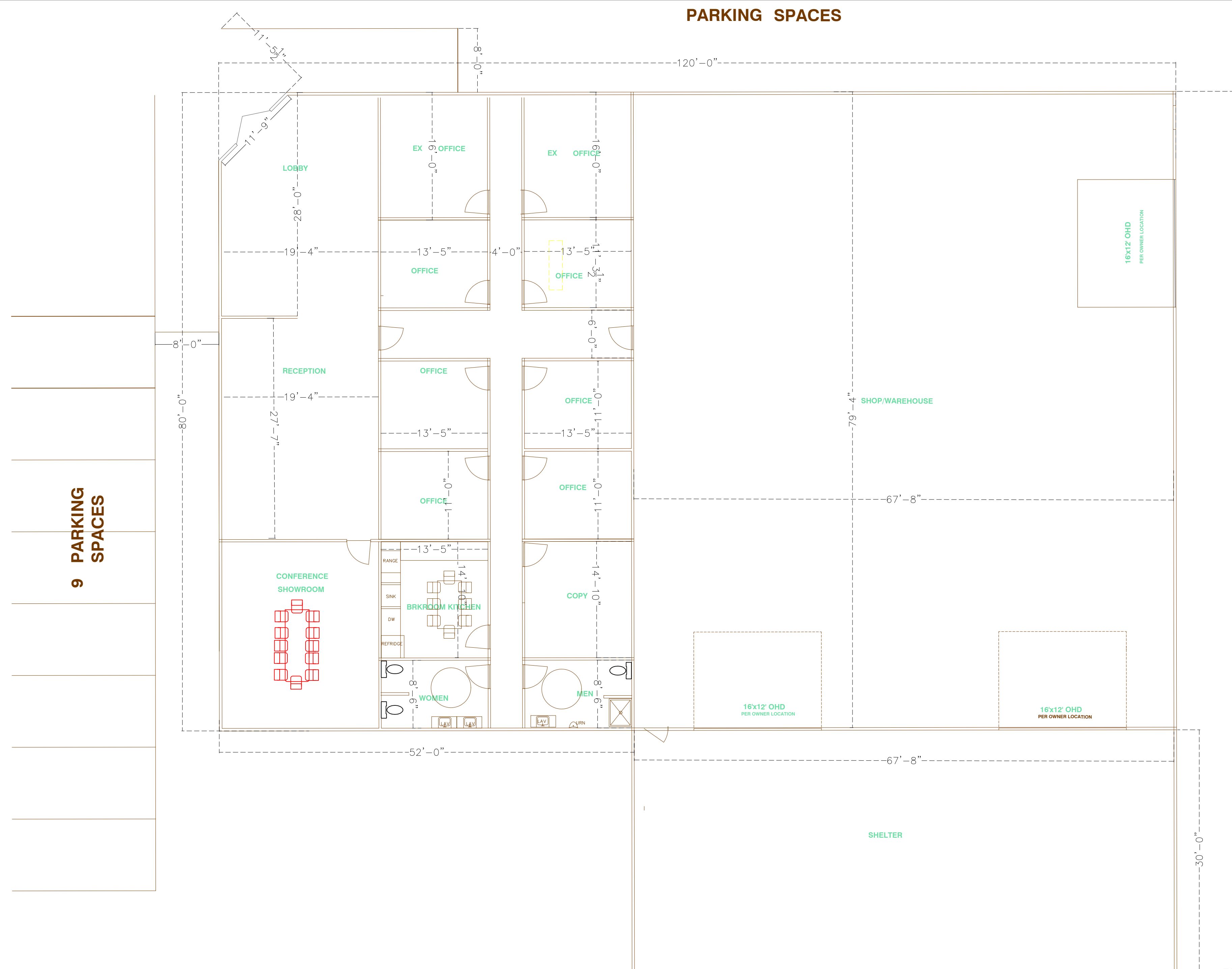
DATE	11-19-19
SCALE	
DESIGNED BY	CGB
DRAWN BY	
SHEET	LS
	LIFE SAFETY



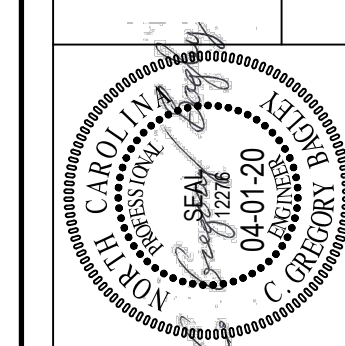


**EXTERIOR WALL SECTION OPTION 1**  
NO SCALE

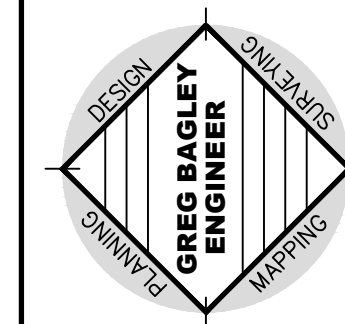
**FLOOR PLAN**  
SCALE: 1/4" = 1'



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**FLOOR PLAN**

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

DATE	11-15-19
SCALE	1/8":1
DESIGNED BY	CCB
DRAWN BY	

SHEET  
**FP1**  
**FLOOR PLAN**



## 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

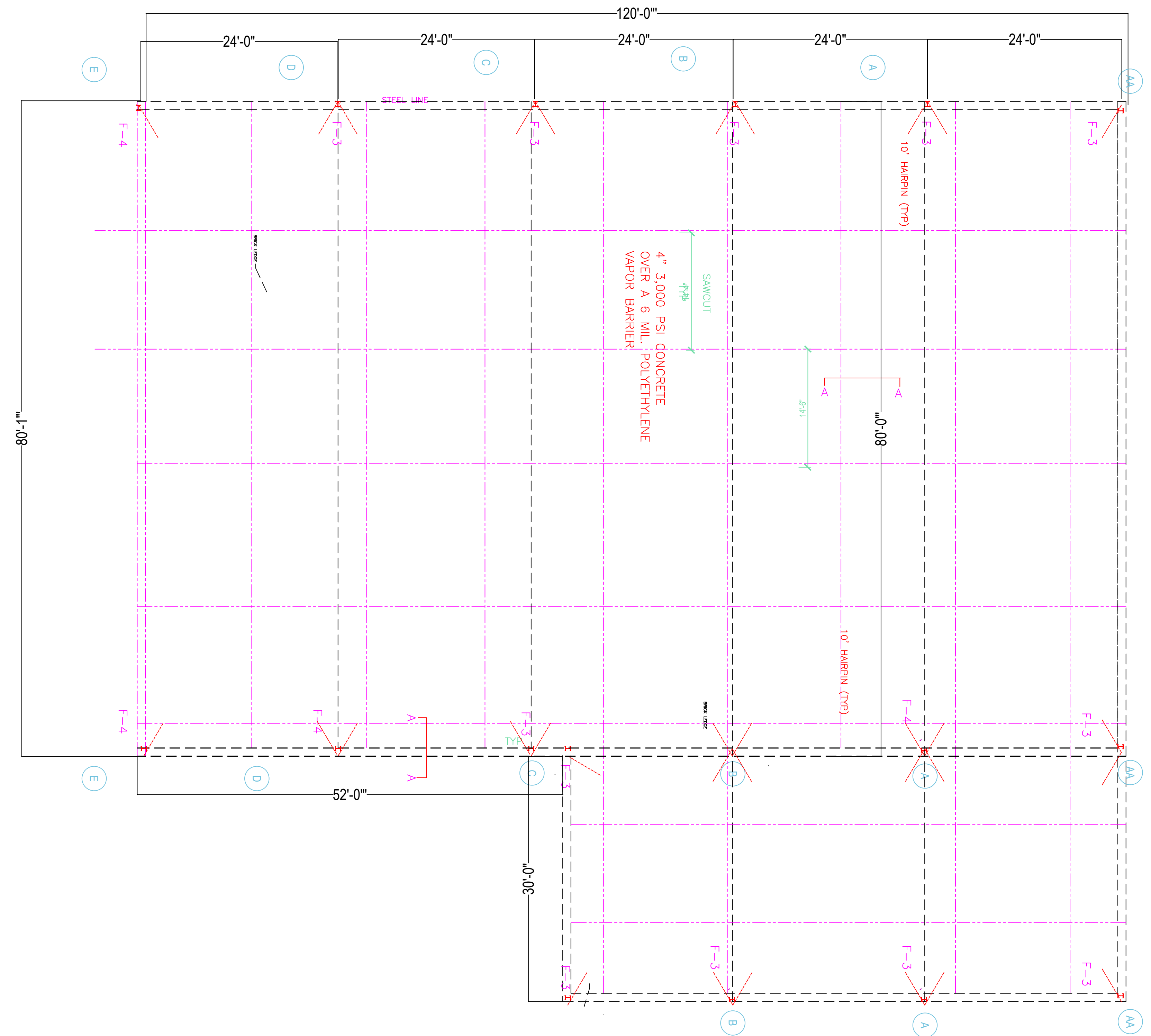
SYMBOL	SIZE	DEPTH	STEEL REINF.
F-1	2.5'x2.5'	24"	4 No. 5 E.W. BTM.
F-3	3'x3'	24"	5 No. 5 E.W. BTM.
F-4	4'x4'	20"	5 No. 5 E.W. BTM.
F-5	5'x5'	20"	6 No. 5 E.W. BTM.

#### ANCHOR BOLT SCHEDULE

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

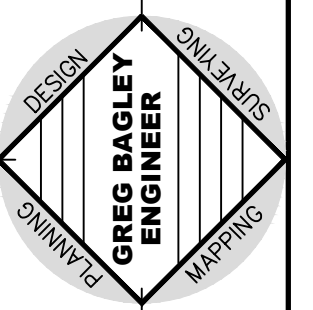
#### LINTEL SCHEDULE

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



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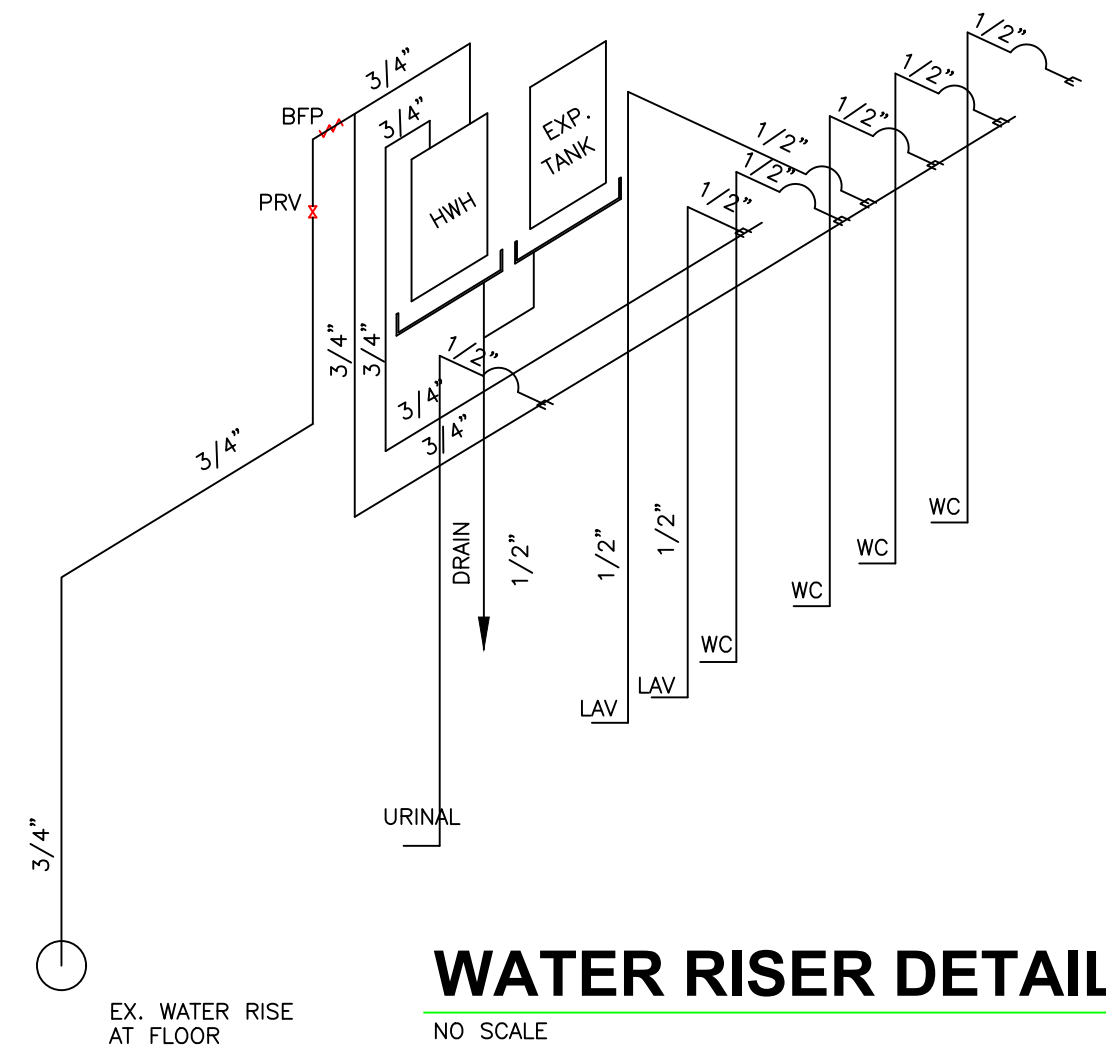
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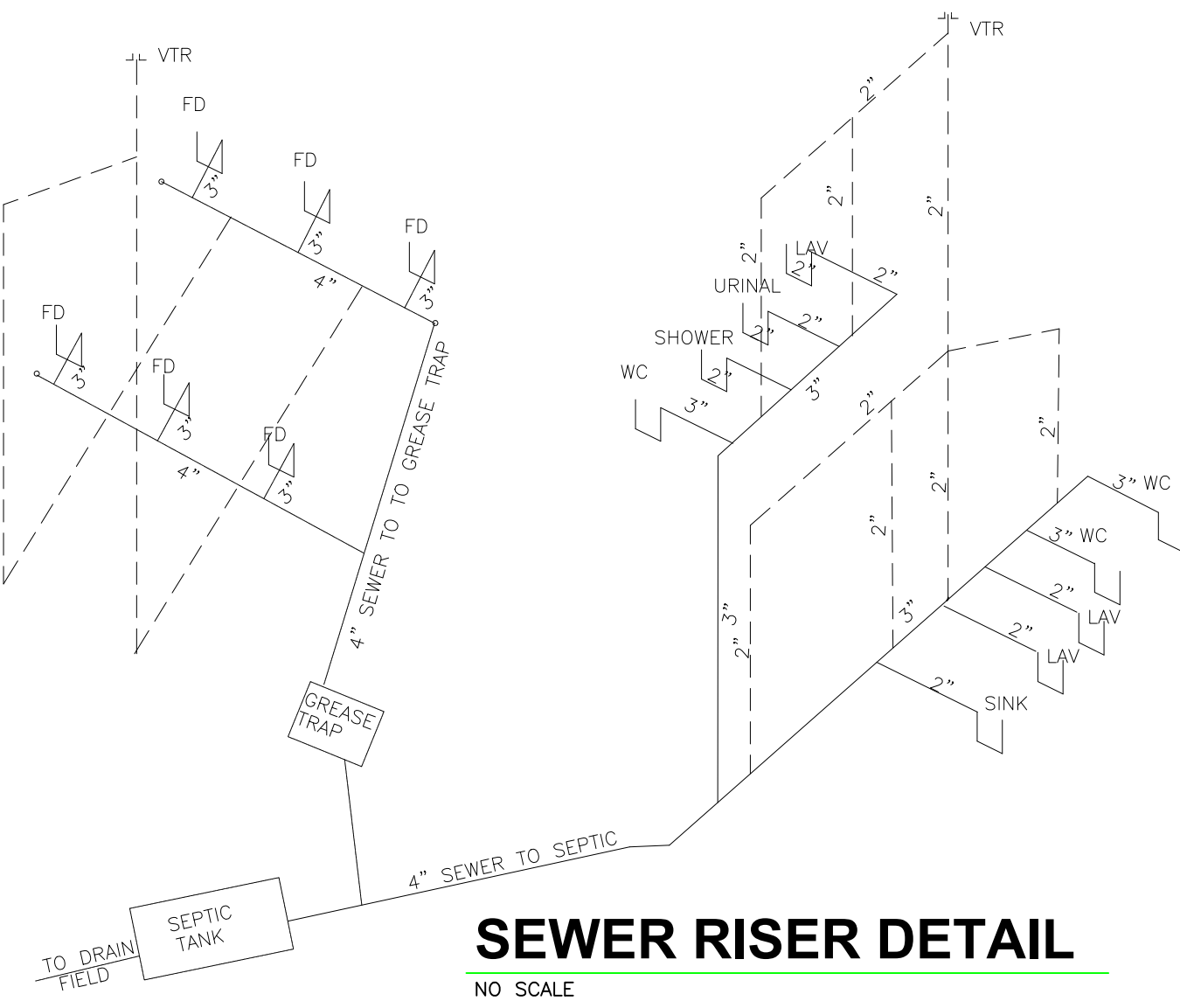
## FOUNDATION

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

DATE	11-19-19
SCALE	1/4":1
DESIGNED BY	CGB
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SHEET	<b>FND</b> FOUNDATION

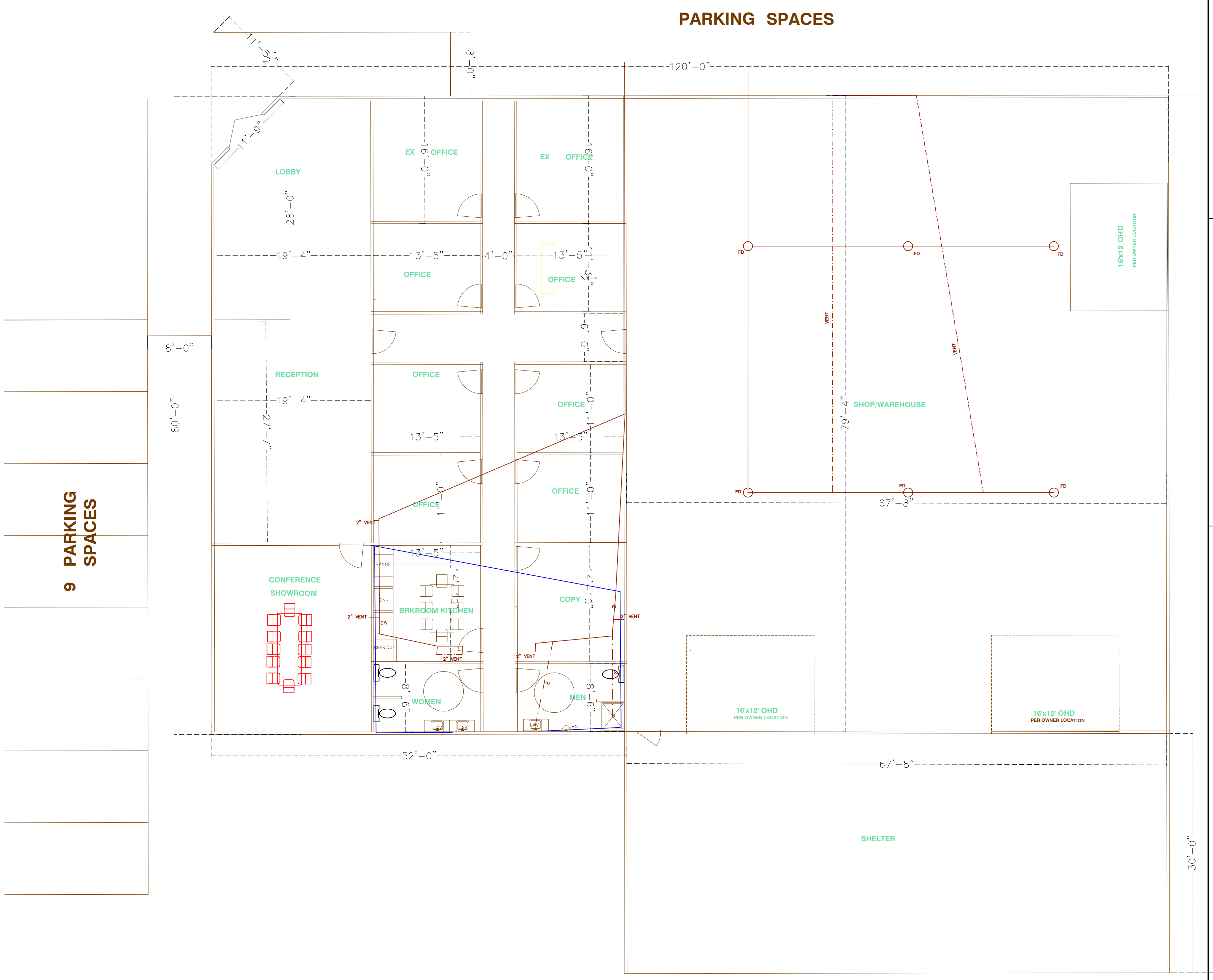


**WATER RISER DETAIL**  
NO SCALE



**SEWER RISER DETAIL**  
NO SCALE

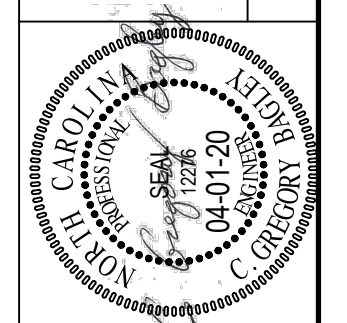
- FIXTURE SCHEDULE
- KITCHEN  
2 COMPARTMENT SINK 18"x32"
- WOMENS  
2 TOILETS  
1 LAV
- MENS  
1 TOILET  
1 LAV
- UTILITY  
1 100 GAL GAS WATER HEATER



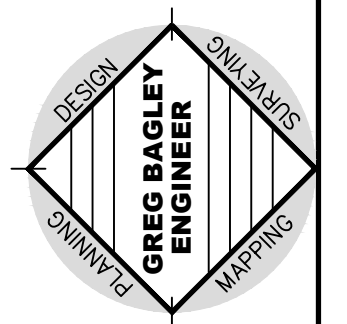
- NOTES:**
1. SEWER AND WATER TO BE TIED TO EXISTING PIPING AS REQUIRED BY CODE.
  2. BATHROOMS PER CODE.
  3. ALL PLUMBING TO BE INSTALLED BY LICENSED PLUMBING CONTRACTOR.

**PLUMBING PLAN**  
SCALE: 1/4" = 1'

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**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	<b>P1</b>
<b>PLUMBING</b>	



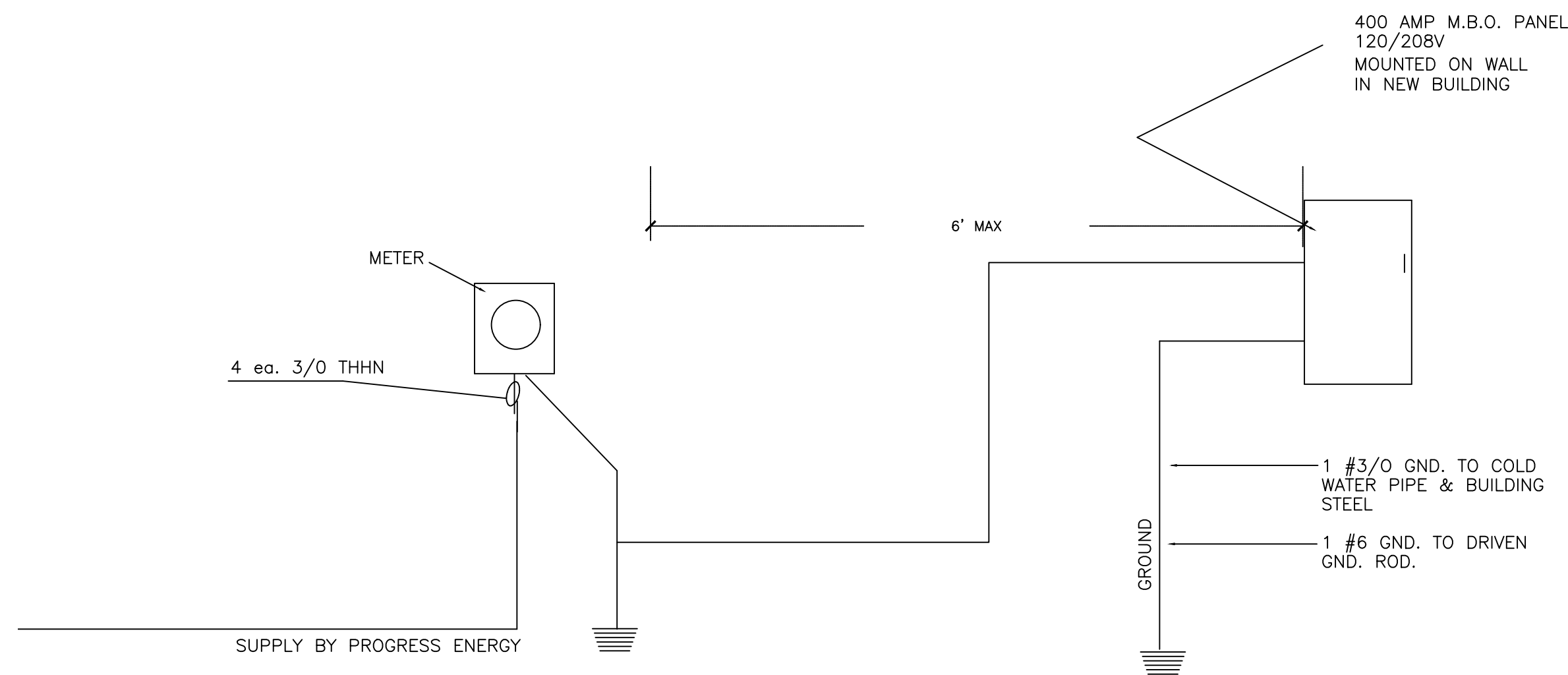


**ELECTRICAL PANEL A**

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 RECEPT.	1 20			
20	RECEPT.	5			6 RECEPT. GFI	1 20			
20	RECEPT.	7			8 RECEPT. 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	RECEPT.	15			16 LIGHTING	1 20			
30	LWH	17			18 RECEPT.	1 20			
20	PARKING LOT LITES	19			20 RECEPT.	1 20			
20	LIGHTING	21			22 LIGHTING	1 20			
20	LIGHTING	23			24 LIGHTING	1 20			

**LIGHT SCHEDULE**

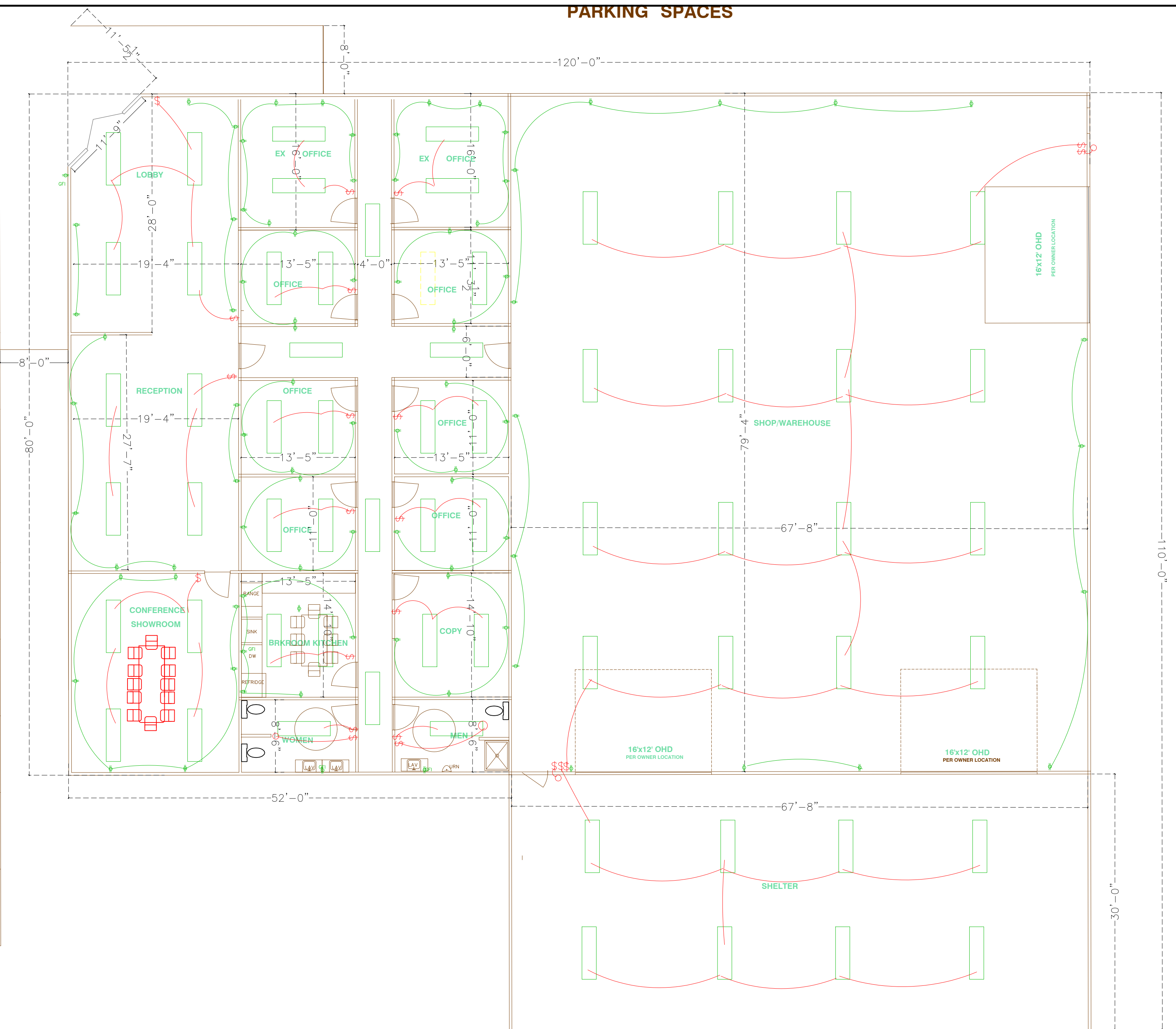
- LED LIGHT PER OWNER
- EXIT LIGHTS
- EMERGENCY EXIT COMBO LIGHTS  
W/ BATTERY BACK-UP
- EMERGENCY LIGHTS  
W/ BATTERY BACK-UP
- INCANDESCENT FIXTURE PER OWNER
- LED FIXTURE PER OWNER
- EXISTING STROBE AND HORN ALARM  
TO BE REMOVED



**ELECTRICAL DIAGRAM**

NOT TO SCALE

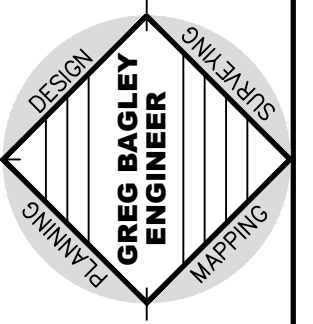
**9 PARKING SPACES**



**ELECTRICAL PLAN**  
SCALE: 1/4" = 1'

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**ELECTRICAL DESIGNS**

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