

Drawing File: H:\2025\Tirado Truck-Harnett Co. Proj 2025-04-02\DWG\Q-Trade PBMB-20 June 2025.dwg  
Plotting Date: 06/10/2025 - 10:33am

1'-4" 8" 4" 2'-0" 0 1'-0" 6" 2'-8" 0 1'-4" 8" 0 4' 2' 1' 0 8' 4' 2' 10'-8" 0 2'-8" 5'-4" 16' 0 4' 8" 0 4' 8" 0 1'-0" SCALE: 1/8" = 1'-0"

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PROJECT:

TIRADO TRUCK REPAIR GARAGE

US 421 SOUTH, HARNETT COUNTY, NC

PROJECT TEAM:

BUILDING DEPARTMENT:

HARNETT COUNTY  
PLANNING & INSPECTIONS DEPARTMENT  
420 MCKINNEY PARKWAY  
LILLINGTON, NC 27546  
910-893-7525

BUILDING OWNER

LUIS TIRADO  
3577 OLD US 421  
LILLINGTON, NC 27546  
919-648-3999

CODE REVIEW:

APPLICABLE CODES INCLUDE BUT ARE NOT LIMITED TO THE FOLLOWING:		
BUILDING	2018 NC BUILDING CODE	
PLUMBING	2018 NC PLUMBING CODE	
MECHANICAL	2018 NC MECHANICAL CODE	
ELECTRICAL	2020 NATIONAL ELECTRICAL CODE (NFPA-70)	
FIRE PREVENTION	2018 NC FIRE CODE	
ENERGY	2018 NC ENERGY CONSERVATION CODE	
ACCESSIBILITY	ICC A117.1-2009 AND THE AMERICANS WITH DISABILITIES ACT (ADAAG) 2018 NC BUILDING CODE CHAPTER 11	

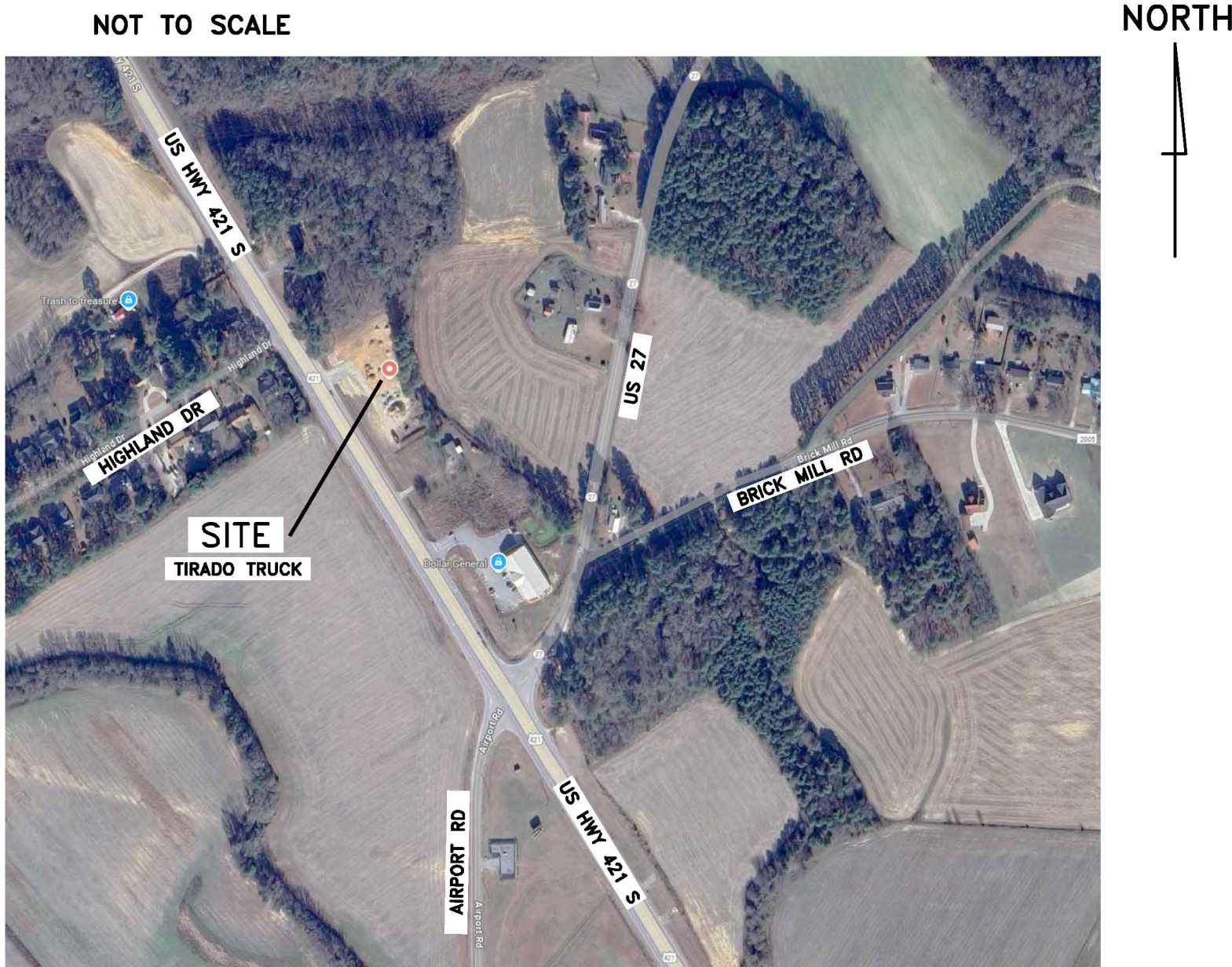
PROJECT DESIGNER:

JENKINS CONSULTING ENGINEERS, P.A.  
OFFICE in EUREKA SPRINGS, NC  
KELLY J. DODSON  
BUDDY JENKINS  
1606 MCARTHUR ROAD  
FAYETTEVILLE, NC 28311-1002  
910-822-1724

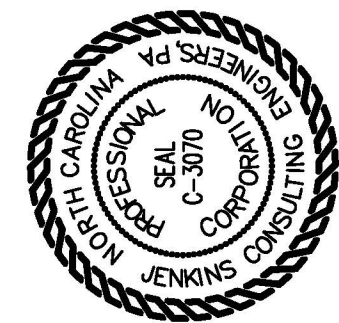
CONSTRUCTION MANAGEMENT:

TBD

VICINITY PLAN



BUILDING DATA:  
THE PROJECT SCOPE IS TO CONSTRUCT A NEW BUILDING TO BE USED AS A REPAIR GARAGE.



**JENKINS**  
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OFFICE in EUREKA SPRINGS, NORTH CAROLINA  
1606 MCARTHUR RD. FAYETTEVILLE, NC 28311-1002  
910.822.1724



10 JULY 2025

DESIGNED / CHECKED BY:	KJD	BT	PROJECT #:	2025-04-02.2	DATE:	10 JULY 2025
DRAWN BY:						

FINAL DRAWING <input type="checkbox"/> FOR REVIEW PURPOSES ONLY	OWNER/TENANT:	CONTRACTOR/BUILDER:
PRELIMINARY <input type="checkbox"/> FOR DESIGN DEVELOPMENT ONLY	LUIS TIRADO	TBD
FINAL DRAWING <input checked="" type="checkbox"/> FOR CONSTRUCTION	3577 OLD US 421 LILLINGTON, NC 27546	TBD

REVISIONS:		
REV	DATE	DESCRIPTION
Δ	07/10/25	FINAL FOR CON

PROJECT: **TIRADO TRUCK SHOP**  
US 421 SOUTH, HARNETT COUNTY, NC

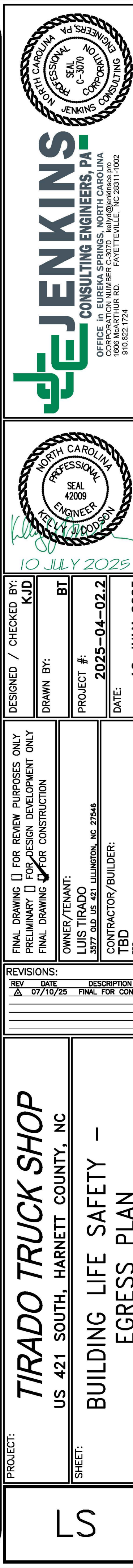
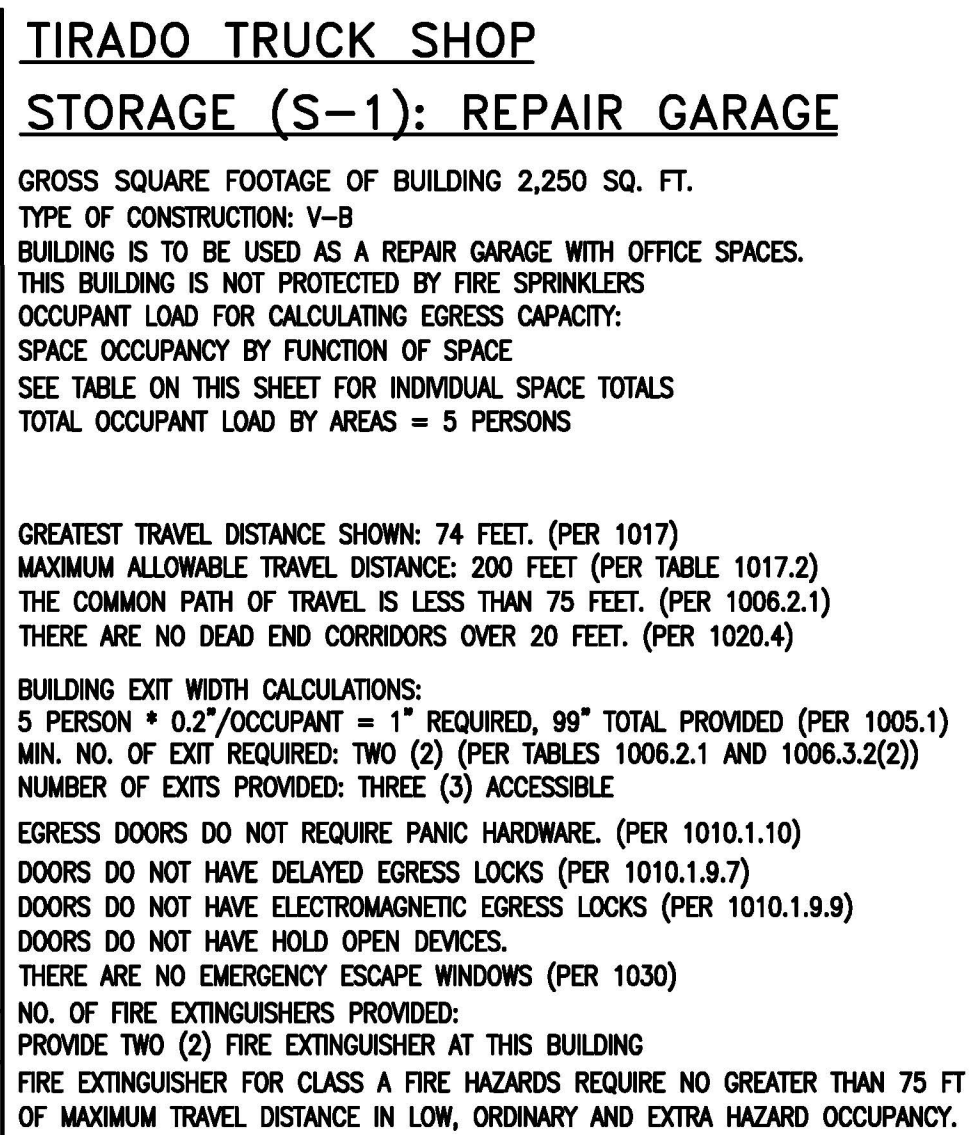
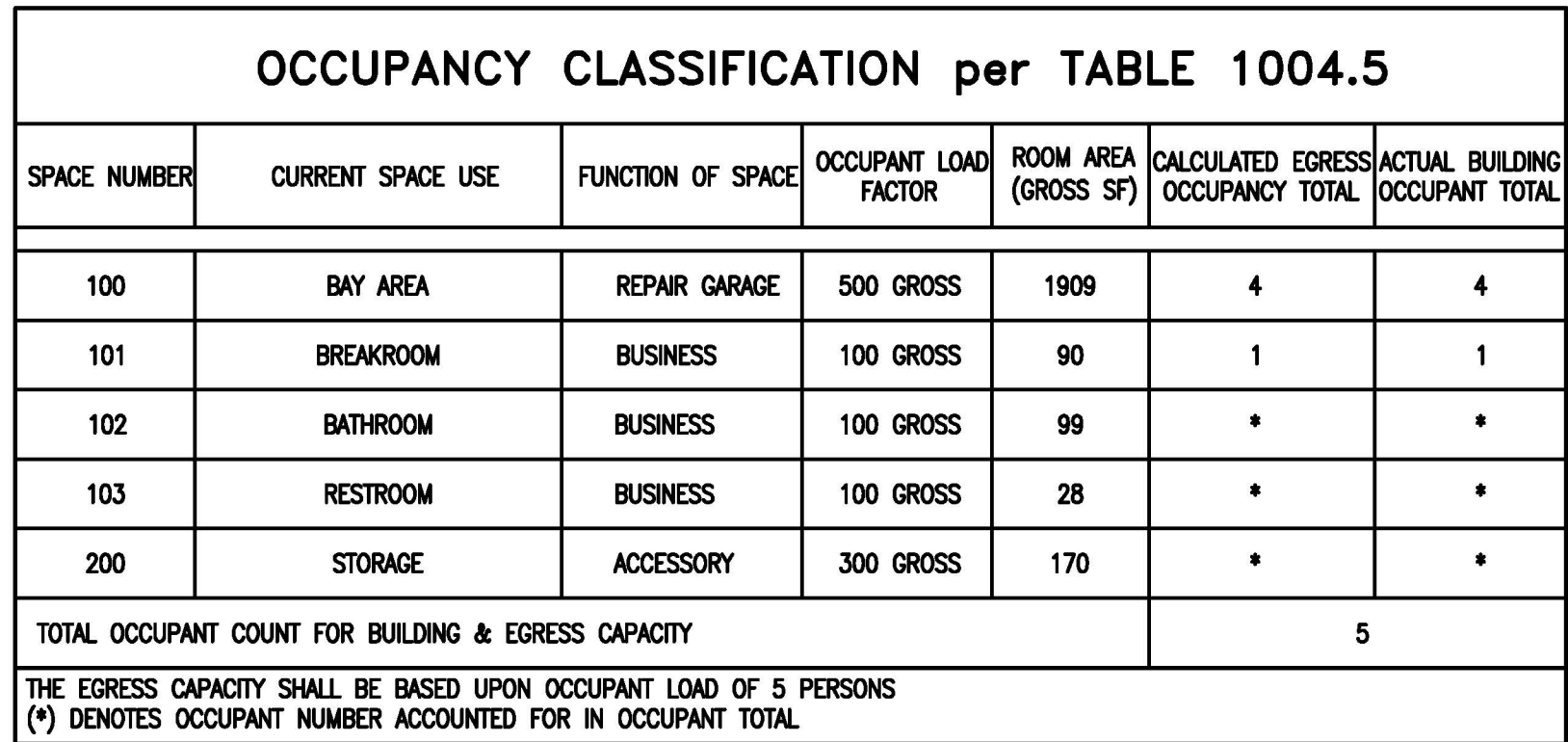
SHEET: **COVER & INDEX TO DRAWINGS**

CS

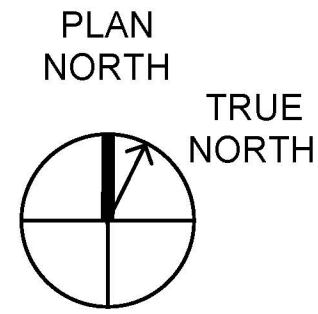
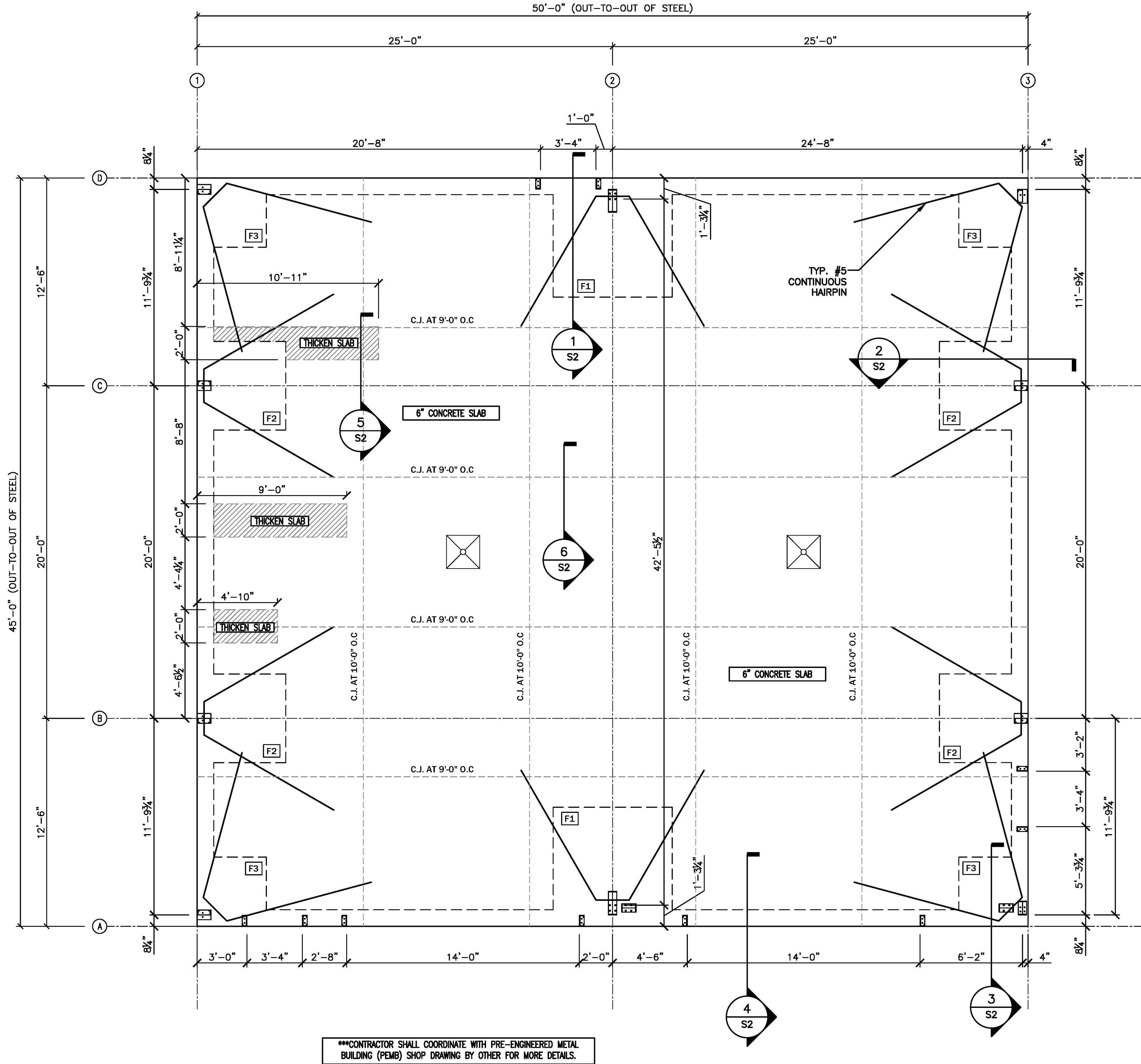
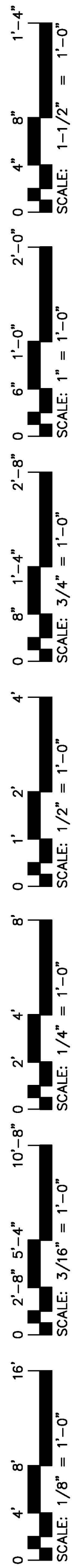


BCS

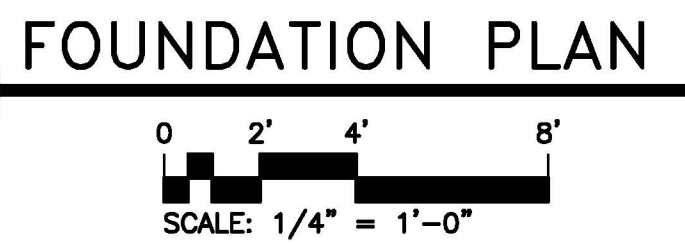








1  
S1



FOOTING SCHEDULE				
TAG	LENGTH	WIDTH	DEPTH	REINFORCING
F1	7'-2"	7'-2"	2'-0"	(8) #6 ALONG LENGTH T & B (8) #6 ALONG WIDTH T & B
F2	5'-4"	5'-4"	2'-0"	(6) #6 ALONG LENGTH T & B (6) #6 ALONG WIDTH T & B
F3	4'-2"	4'-2"	2'-0"	(5) #6 ALONG LENGTH T & B (5) #6 ALONG WIDTH T & B

PROJECT: **TIRADO TRUCK SHOP**  
US 421 SOUTH, HARNETT COUNTY, NC

SHEET: **FOUNDATION PLAN**

S1

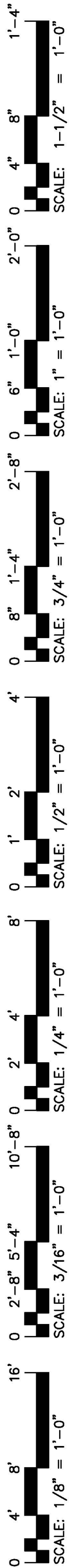
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PRELIMINARY ☐ FOR DESIGN DEVELOPMENT ONLY  
FINAL DRAWING ☒ FOR CONSTRUCTION  
OWNER/TENANT:  
LUIS TIRADO  
3077 OLD US 421 LILLINGTON, NC 27446  
CONTRACTOR/BUILDER:  
TBD  
105

DESIGNED / CHECKED BY: **KJD**  
DRAWN BY: **BT**  
PROJECT #: **2025-04-02.2**  
DATE: **10 JULY 2025**

10 JULY 2025  
KELLY WOODSON  
NORTH CAROLINA  
PROFESSIONAL  
SEAL  
42009  
ENGINEER

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ENGINEERS, PA  
JENKINS CONSULTING





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PRE-ENGINEERED BUILDING:

1. MATERIALS	ASTM DESIGNATION	
STRUCTURAL STEEL PLATE	A529 OR A572 OR A570 OR A607	GRADE 50
COLD FORMED LIGHT GA. SHAPES	A570 OR A607	GRADE 55
BRACE RODS	A572	GRADE 65, U.O.N.
HOT ROLLED MILL SHAPES	A36 OR A572	Fy=36KSI OR GRADE 50
ROOF AND WALL SHEETS	A653 OR A792	GRADE 50
BOLTS	A307 AND A325	A307, U.O.N.

2. A325 BOLT TIGHTENING REQUIREMENTS:

ALL HIGH STRENGTH BOLTS ARE A325-N UNLESS SPECIFICALLY NOTED OTHERWISE. STRUCTURAL BOLTS SHALL BE TIGHTENED TO THE TURN-OF-THE-NUT METHOD IN ACCORDANCE WITH THE NINTH EDITION, AISC USPECIFICATION FOR STRUCTURAL UNITS USING ASTM A325 OR A490 BOLTS\*. PER SECTION &D.I, A325 BOLTS MAY BE INSTALLED HILTHOUT HASHERS INHEN TIGHTENED BY THE TURN-OF-THE-NUT METHOD. ALL HIGH STRENGTH BOLTS, EXCEPT AS NOTED OTHERWISE, ARE SUBJECT TO DIRECT TENSION AND MAY REQUIRE INSPECTION AS DEFINED BY THE APPLICABLE BUILDING CODE OR STANDARD. IT IS THE RESPONSIBILITY OF THE ERECTOR TO ASSURE PROPER TIGHTNESS.

3. THE BUILDING REACTION DATA REPORTS THE LOADS WHICH THIS BUILDING PLACES ON THE FOUNDATION.

4. ANCHOR BOLTS SHALL BE ACCURATELY SET TO A TOLERANCE OF  $\pm 1/8"$  IN BOTH ELEVATION AND LOCATION.

5. COLUMN BASE PLATES ARE DESIGNED NOT TO EXCEED A BEARING PRESSURE OF 1125 POUNDS PER SQUARE INCH.

6. ALL SHOP DRAWINGS SHALL BE REVIEWED BY THE DESIGN ENGINEER AT JENKINS CONSULTING ENGINEERS. THIS REVIEW IS FOR DESIGN CONTENT ONLY AND DOES NOT REMOVE RESPONSIBILITY FOR THE FABRICATOR OR THE ERECTOR TO PROVIDE MATERIAL IN ACCORDANCE WITH THESE PLANS.

STRUCTURAL DESIGN

DESIGN LOADS:

Importance Factors:	Snow (ls) <u>1.00</u>	
	Seismic (le) <u>1.00</u>	
Live Loads:	Roof <u>20</u> psf	
	Mezzanine <u>100</u> psf	
	Floor <u>N/A</u> psf	
Ground Snow Load:	<u>15</u> psf	
Wind Load:	Ultimate Wind Speed <u>118</u> mph (ASCE-7)	
	Exposure Category <u>C</u>	

SEISMIC DESIGN CATEGORY:

☐ A ☒ B ☐ C ☐ D

Provide the following Seismic Design Parameters:

Risk Category (Table 1604.5) ☐ I ☒ II ☐ III ☐ IV  
Spectral Response Acceleration SS 18.5 %g S1 8.7 %g

Site Classification (ASCE 7)

☐ A ☐ B ☐ C ☒ D ☐ E ☐ F

Data Source:

☐ Field Test ☒ Presumptive ☐ Historical Data

Basic structural system

☐ Bearing Wall ☐ Dual w/Special Moment Frame  
☒ Building Frame ☐ Dual w/Intermediate R/C or Special Steel  
☐ Moment Frame ☐ Inverted Pendulum

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) N/A psf  
Presumptive Bearing capacity 2,000 psf  
Pile size, type, and capacity N/A

REINFORCING STEEL

ALL REINFORCING STEEL SHALL BE DEFORMED STEEL BARS CONFORMING TO A.S.T.M. A615, GRADE 60. ALL REINFORCING STEEL SHALL BE MANUFACTURED, DETAILED, FABRICATED AND PLACED IN ACCORDANCE WITH A.C.I. 315R, 318R AND A.C.I. SP 66. WELDED WIRE FABRIC SHALL CONFORM TO A.S.T.M. A185, IN AS LONG A LENGTH AS IS PRACTICAL. WELDED WIRE FABRIC SHALL BE LAPPED AT LEAST ONE GRID WIDTH PLUS 2". REINFORCEMENT SHALL BE BENT COLD AND SHALL NOT BE WELDED.

SPICES: REINFORCEMENT IN CONCRETE AND MASONRY SHALL HAVE LAP LENGTHS AS FOLLOWS, UNLESS OTHERWISE SPECIFIED ON DRAWINGS:

BAR SIZE:	IN CONCRETE:	IN MASONRY:
#3	1'-6"	2'-0"
#4	2'-0"	2'-6"
#5	2'-6"	3'-0"

PLACEMENT:

REINFORCEMENT SHALL BE ACCURATELY PLACED AND SUPPORTED BY CONCRETE, METAL, OR OTHER APPROVED CHAIRS, SPACERS OR TIES, AND SECURED AGAINST DISPLACEMENT DURING CONCRETE OR GROUT PLACEMENT.

EXCEPT WHERE OTHERWISE NOTED, REINFORCEMENT SHALL HAVE CONCRETE COVER AS FOLLOWS:

CONCRETE DEPOSITED AGAINST EARTH	3"
FORMED CONCRETE AGAINST EARTH	2"
EXTERIOR FACES OF WALLS	1"
TO TOP OF SLABS-ON-GRADE	3/4"

ALL SCALES, LOOSE RUST, GREASE OR DIRT SHALL BE REMOVED FROM THE REINFORCING BEFORE IT IS PLACED. PROVIDE #5 "HAIRPIN" X 20' LONG AT EXTERIOR COLUMN LINES. ANCHOR BOLTS SHALL BE (A-3077) HIGH STRENGTH.

SOIL TREATMENT: ADMINISTRATION AS ACCEPTABLE

GENERAL CONDITIONS

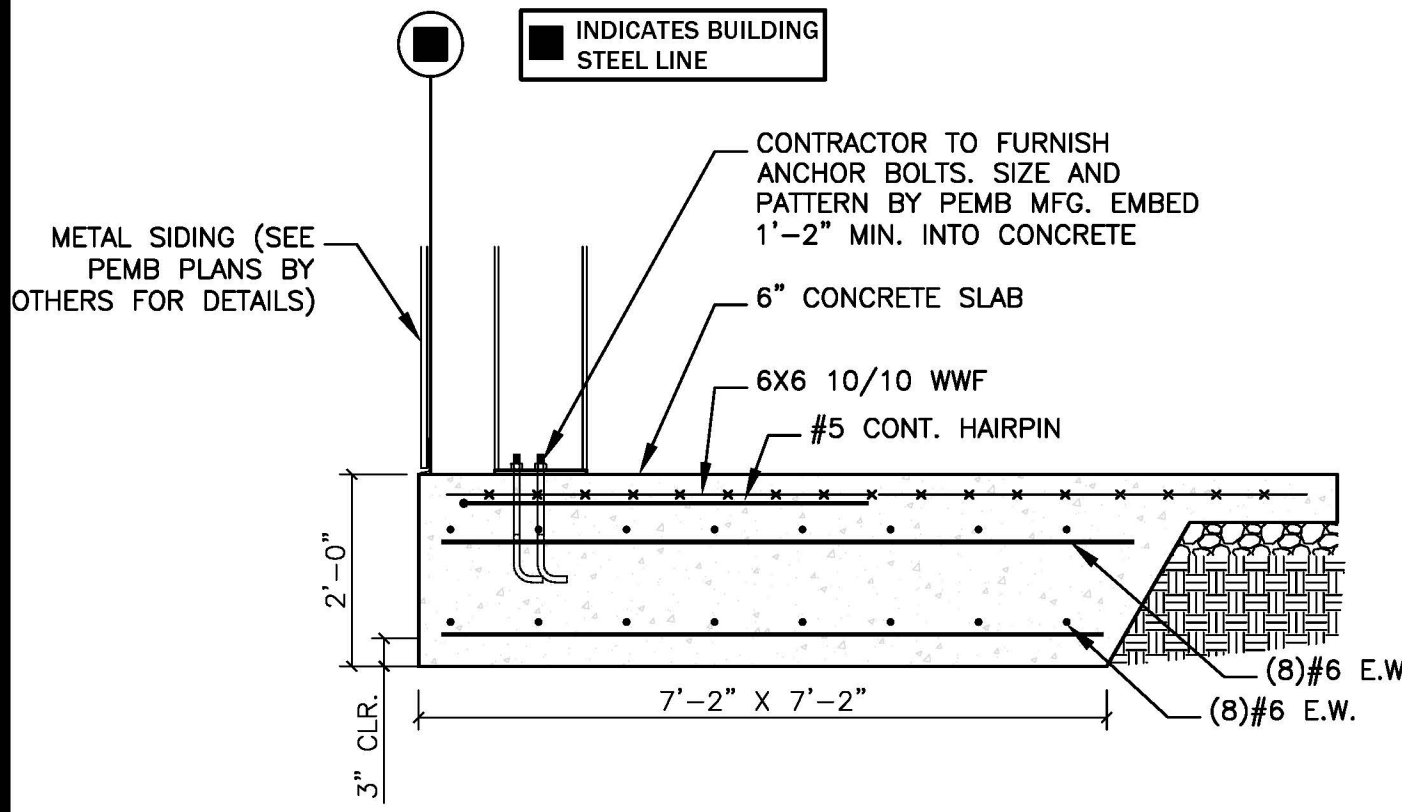
THE GENERAL CONTRACTOR SHALL MAKE ADEQUATE SANITARY PROVISIONS. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR JOB SAFETY AND COMPLIANCE WITH THE REQUIREMENTS OF THE OCCUPATIONAL SAFETY AND HEALTH ACT AS IT MAY REGARD ANY PHASE OF THE WORK ON THIS PROJECT.

SOIL COMPACTION AND TESTING

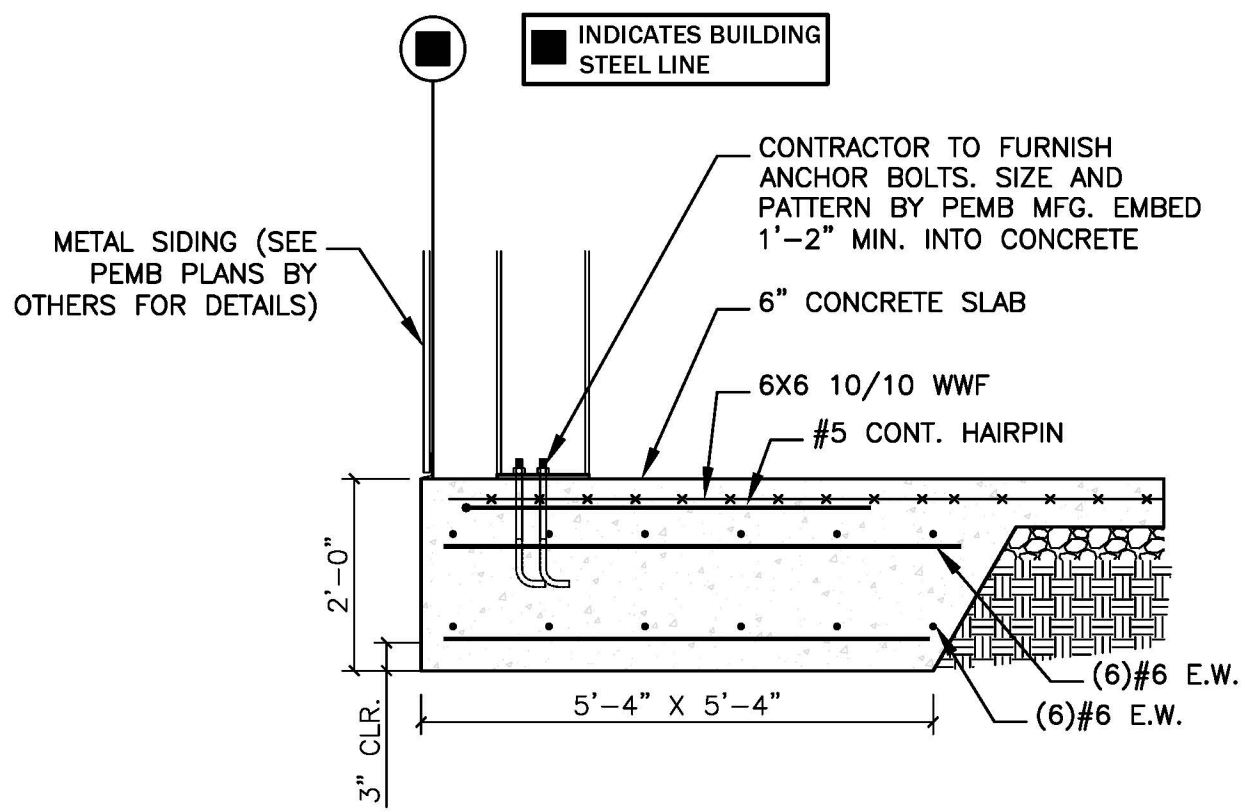
THE GENERAL CONTRACTOR SHALL OBTAIN THE SERVICES OF A TESTING LABORATORY, SUCH AS S&ME OR LAW ENGINEERING FOR THE PURPOSE OF DETERMINING THE SUITABILITY OF THE SUBSURFACE CONDITIONS AND THE BEARING CAPACITIES OF ALL AREAS BELOW CONCRETE (2000psf ASSUMED).. THE SOIL AND BEARING REPORT SHALL BE SUBMITTED PRIOR TO EXCAVATING, WHERE POSSIBLE, BUT PRIOR TO PLACEMENT OF ANY REINFORCING AND CONCRETE.

CONCRETE WORK

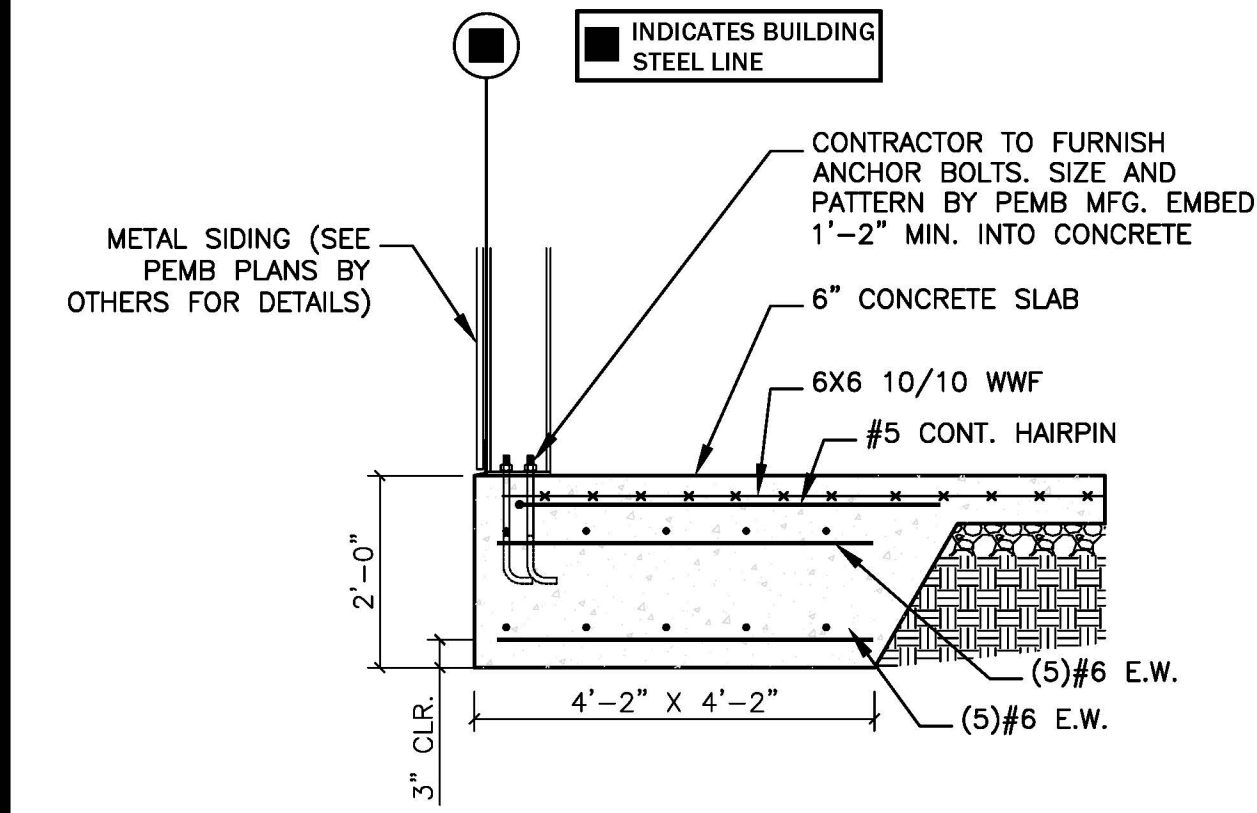
- ALL CONCRETE FOR THE PROJECT SHALL BE "READY MIX" AND SHALL COMPLY WITH ASTM C-94. ALL SECTIONS OF THE CONCRETE WORK SHALL COMPLY WITH ALL A.S.T.M. AND A.C.I. REQUIREMENTS.
- FORM WORK - ALL FORMS TO BE CAREFULLY BUILT AND SECURED IN PLACE IN SUCH A MANNER AS TO HAVE SUFFICIENT STRENGTH TO CARRY THE DEAD WEIGHT OF THE CONSTRUCTION AS A LIQUID, WITHOUT DEFLECTION OR VIBRATION. FORMS TO BE BUILT TIGHT, TRUE TO POSITION AND DIRECTION, THOROUGHLY BRACED, WIRED AND SPIKED OR OTHERWISE FASTENED TOGETHER.
- CONCRETE - MINIMUM OF 3,000 PSI COMPRESSIVE STRENGTH AT 28 DAYS. MINIMUM OF FIVE SACKS OF CEMENT PER CUBIC YARD OF CONCRETE, MAXIMUM OF 4" SLUMP. 3 POUNDS OF FORTA-FERRO FIBER PER CUBIC YARD MAY BE SUBSTITUTED FOR 6X6 10 WWF.
- FINISHING - IN ACCORDANCE WITH THE LATEST A.C.I. CODE, PLUMB, LEVEL, TRUE IN LINE, FREE OF HONEYCOMB. BUILDING SLAB SHALL HAVE A HARD STEEL TROWEL FINISH. WALKS SHALL HAVE BROOMED FINISH AND EXPANSION JOINTS AT APPROXIMATELY 50'-0" O.C. AND DUMMY JOINTS AS SHOWN ON THE SITE PLAN. REMOVAL OF FORMS - FORMS SHALL BE CAREFULLY REMOVED SO AS NOT TO IMPAIR THE FACE OF THE CONCRETE. IMMEDIATELY AFTER THE FORMS ARE REMOVED ALL DAMAGE OF IMPERFECT WORK SHALL BE PATCHED IN A NEAT AND WORKMANLIKE MANNER OR IF BADLY DAMAGED, IN THE OPINION OF THE OWNER, THE WORK SHALL BE REBUILT. THE MINIMUM TIME BEFORE ANY FORMS CAN BE REMOVED IS SEVEN (7) DAYS FOR SUCH MEMBERS AS ARE SUBJECT TO BENDING STRESSES, SUCH AS SLABS.
- CURING - USE MEMBRANE CURING METHOD. USE MFG. RATE, SPRAY IMMEDIATELY FOLLOWING FINISHING. PROTECT FROM FREEZING WEATHER, CURE A TOTAL OF 28 DAYS USING A.C.I. METHODS.



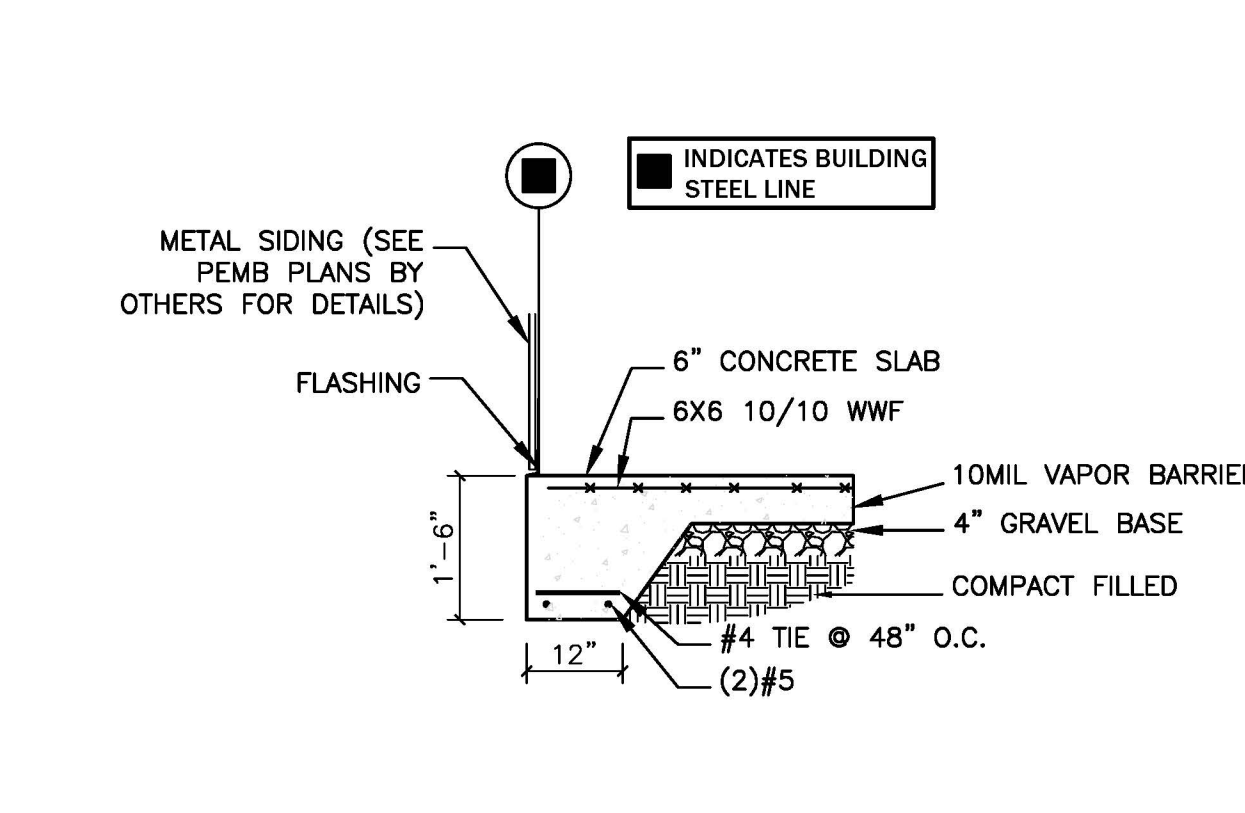
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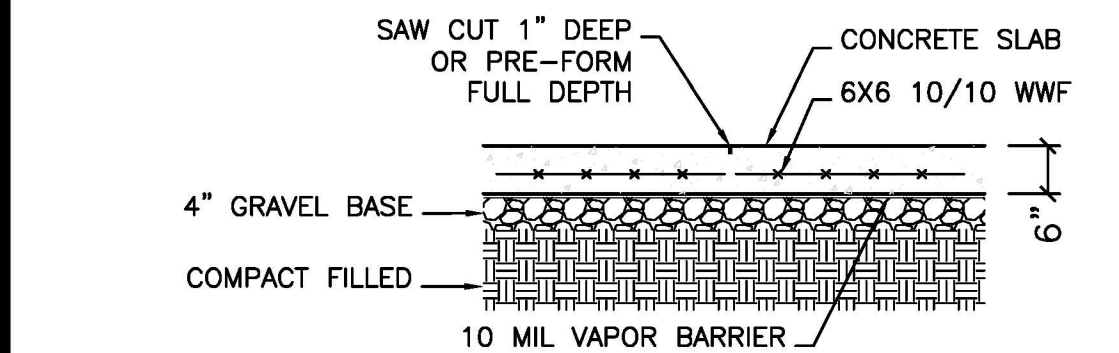
2 FOOTING DETAIL (F2)  
S2 N.T.S.



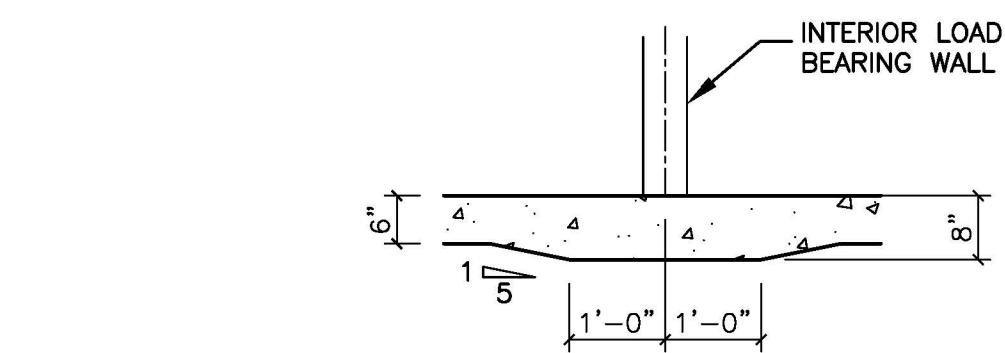
3 FOOTING DETAIL (F3)  
S2 N.T.S.



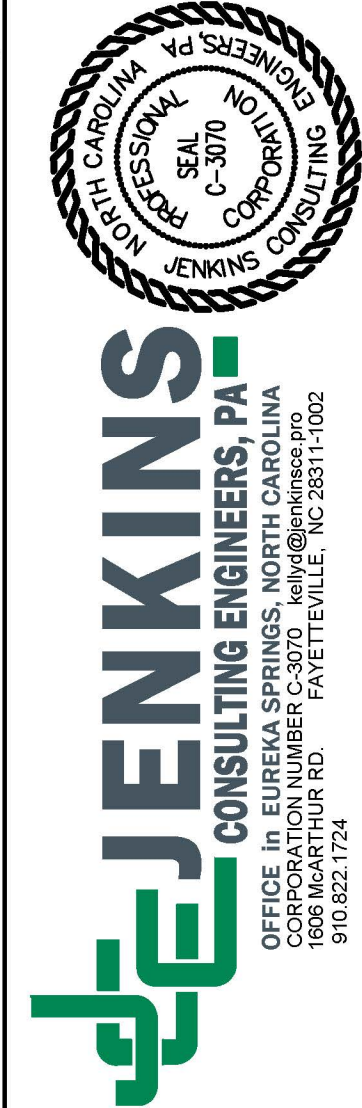
4 FOOTING DETAIL (PERIMETER)  
S2 N.T.S.



5 CONTROL JOINT DETAIL  
S2 N.T.S.



6 THICKENED SLAB DETAIL  
S2 N.T.S.



DESIGNED / CHECKED BY: KJD	BT	PROJECT #: 2025-04-02.2	DATE: 10 JULY 2025
DRAWN BY: BT			

FINAL DRAWING <input type="checkbox"/> FOR REVIEW PURPOSES ONLY PRELIMINARY <input type="checkbox"/> FOR DESIGN DEVELOPMENT ONLY FINAL DRAWING <input checked="" type="checkbox"/> FOR CONSTRUCTION	OWNER/TENANT: LUIS TIRADO 3077 OLD US 41, LILLINGTON, NC 27446	CONTRACTOR/BUILDER: TBD
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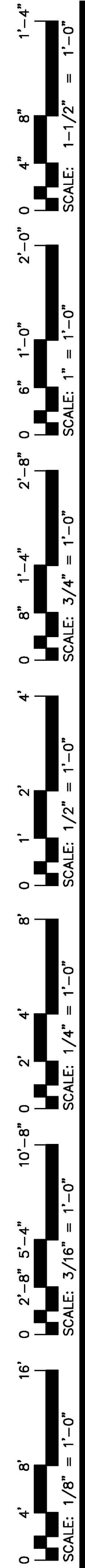
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PROJECT: TIRADO TRUCK SHOP US 421 SOUTH, HARNETT COUNTY, NC	SHEET: 1
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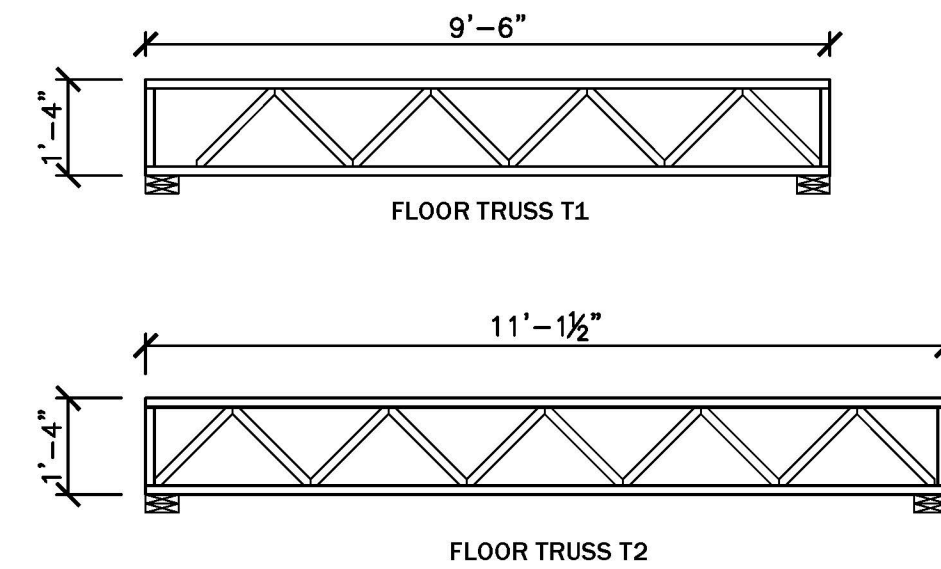
NOTES & FOOTING DETAILS

S2





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 Plotted by: boad  
 Plotted Date: Jul 10, 2025 - 10:58am



\*\*\*NOTE: THESE TRUSS PROFILES ARE ONLY DIAGRAMMATIC, ONLY FOR BASIS OF DESIGN. CONTRACTOR SHALL COORDINATE WITH TRUSS MANUFACTURER SHOP DRAWING FOR SPECIFIC TRUSS PROFILE AND MANUFACTURER'S REQUIREMENT.

Diagram illustrating the components of a vertical formwork assembly:

- DOUBLE TOP PLATE
- CRIPPLE STUD
- NON-LOAD BEARING HEADER
- KING STUD
- JACK STUD
- PER PLAN
- P.T. 2X4 BOTTOM PLATE WITH 3" POWDER ACTUATED FASTENER TO CONCRETE @ 48" O.C.



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PROFESSIONAL ENGINEER  
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STATE SEAL  
C-3070  
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01/01/2000



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LUIS TIRADO  
3577 OLD US 421 LILLINGTON, NC 27546

CONTRACTOR/BUILDER:  
TBD

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△	07/10/25	FINAL FOR COI

PROJECT:

TIRADO TRUCK SHOP

US 421 SOUTH, HARNETT COUNTY, NC

SHEET:

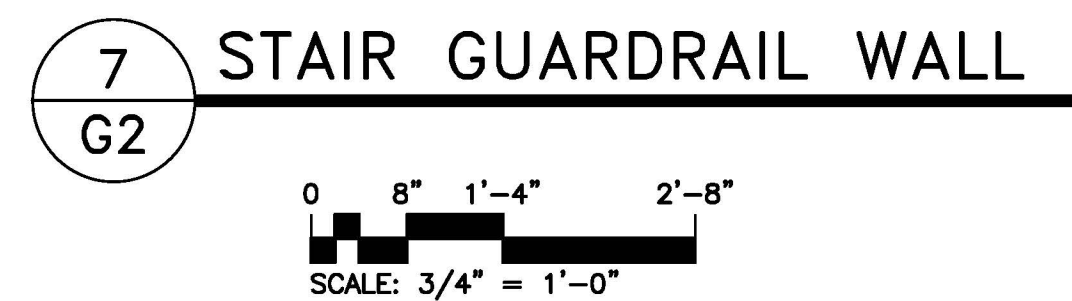
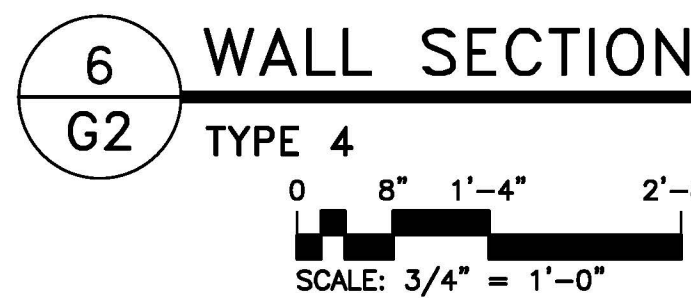
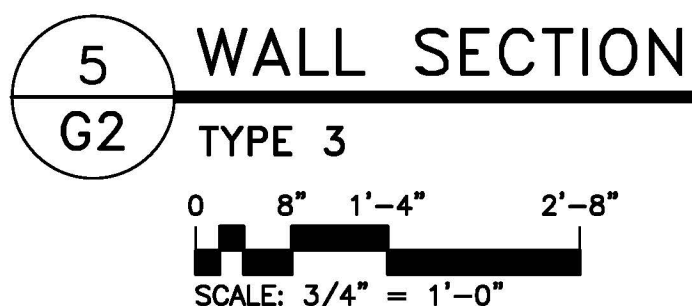
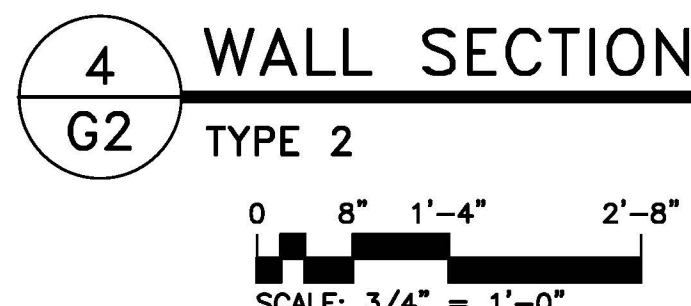
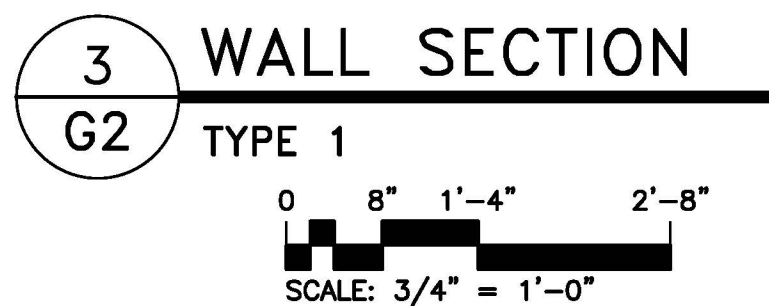
FRAMING PLAN AND DETAILS

S3

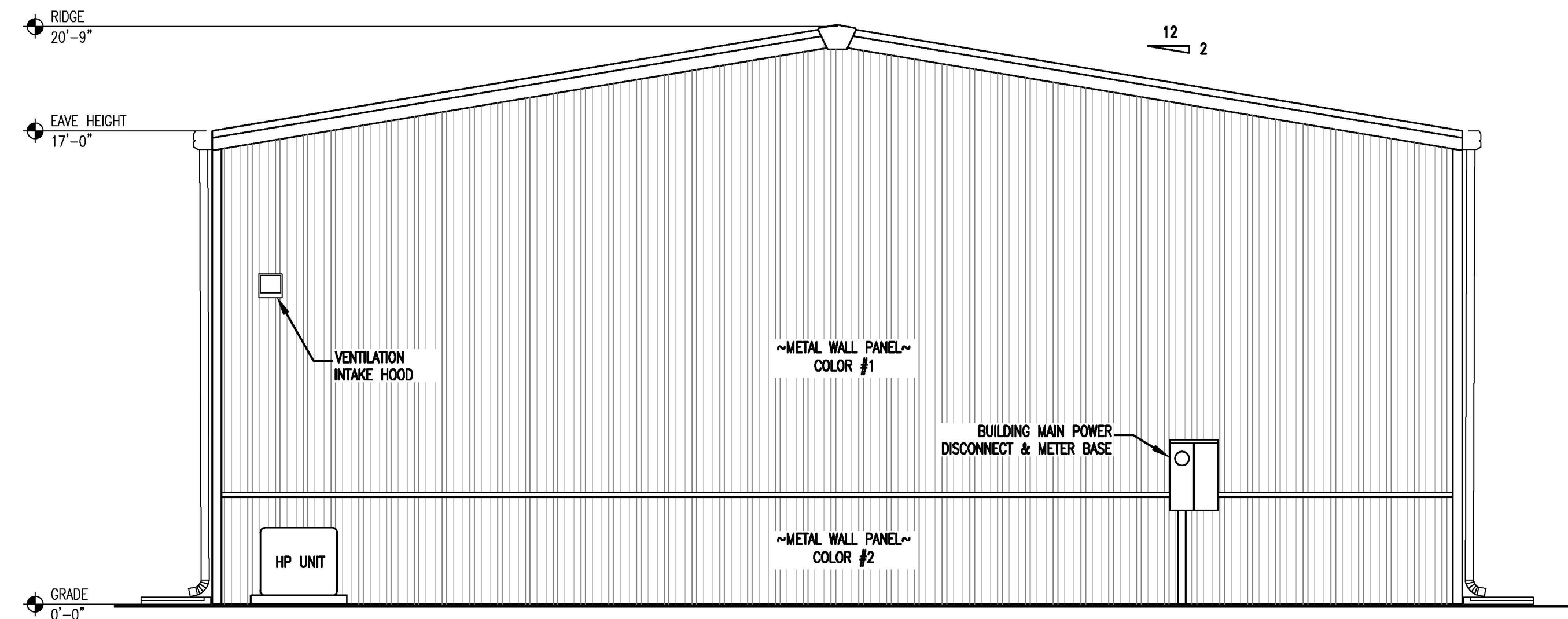
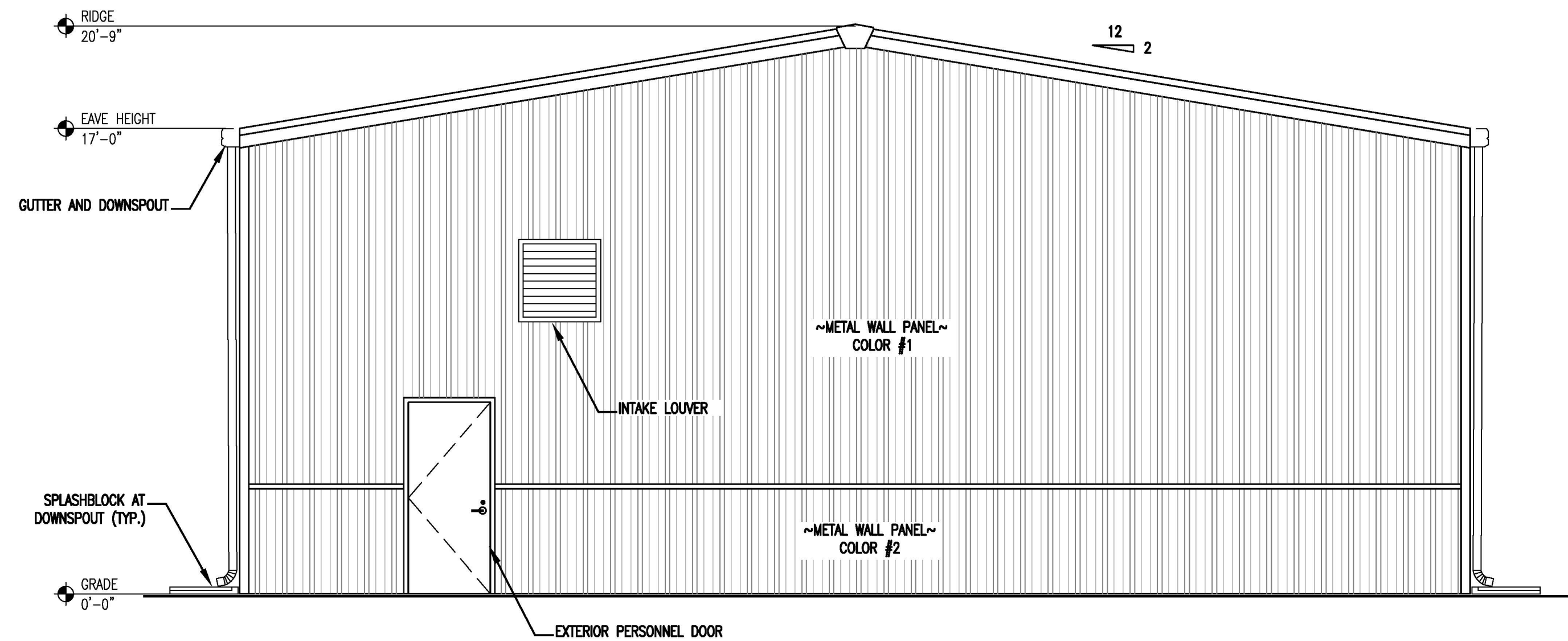
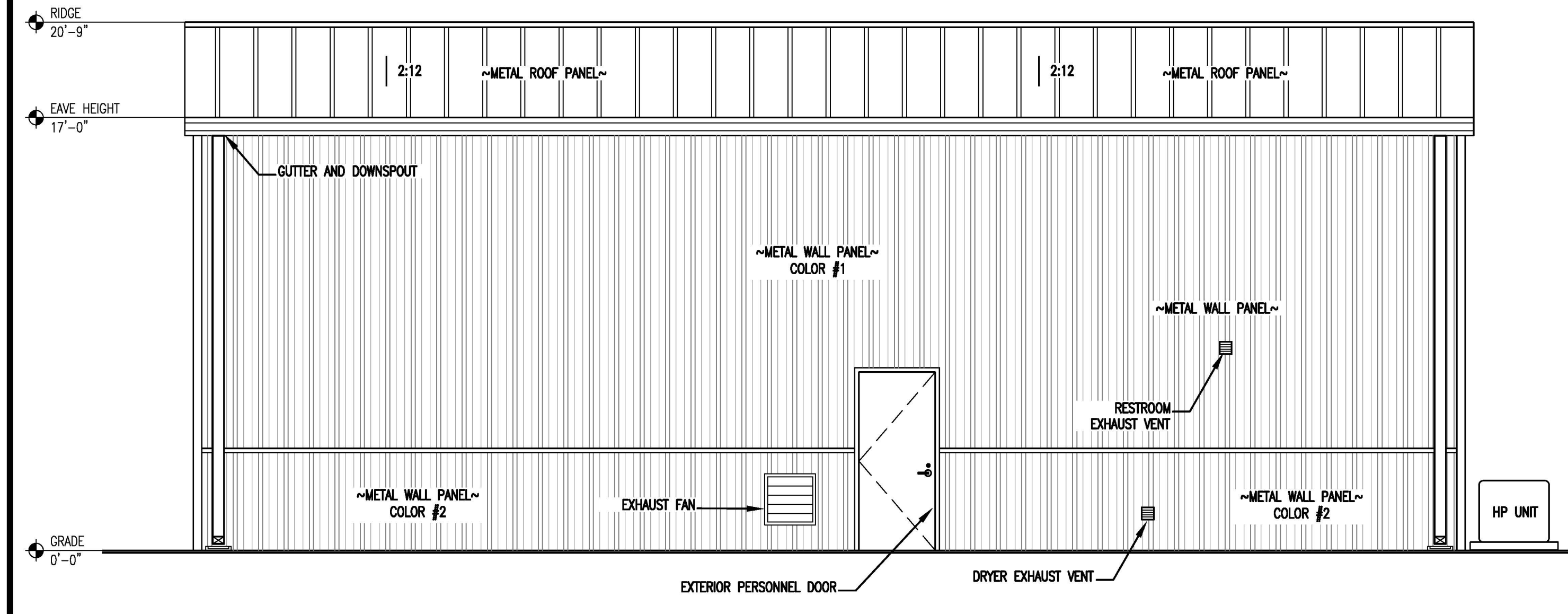
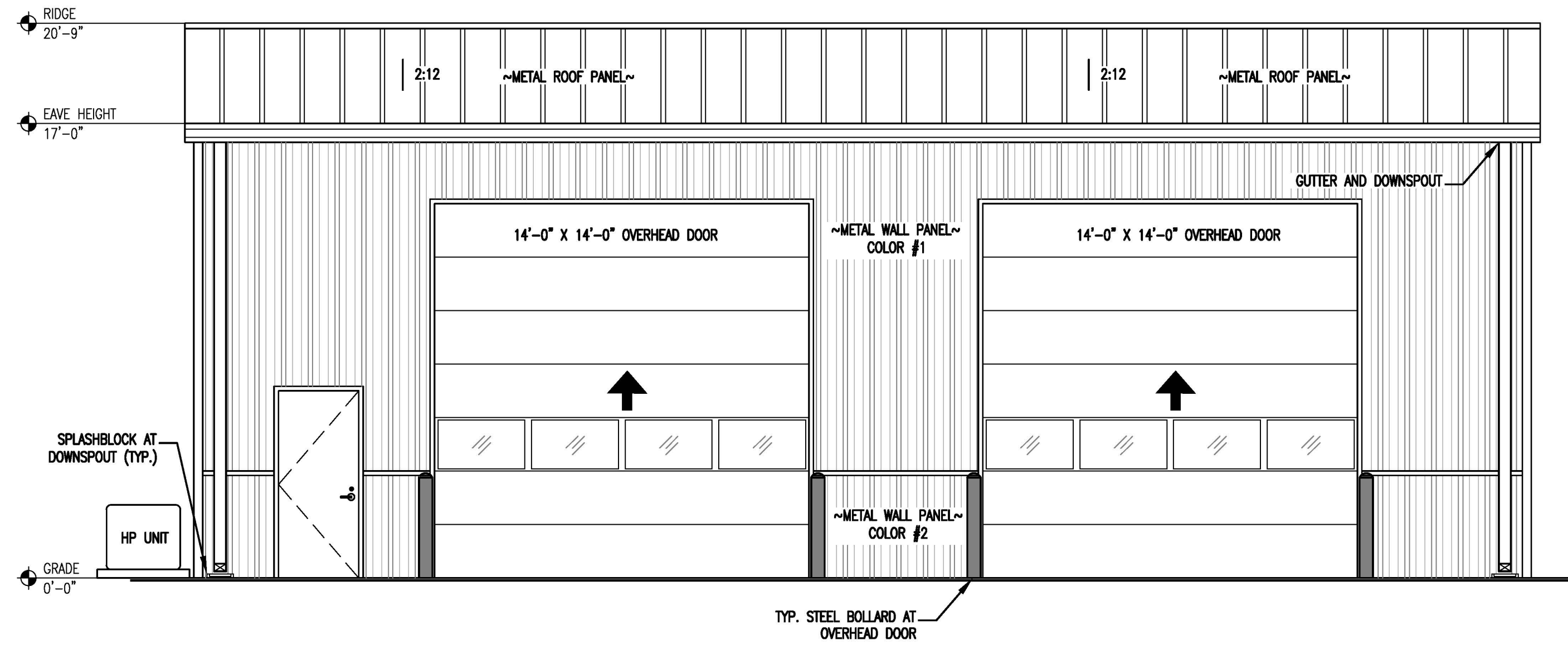












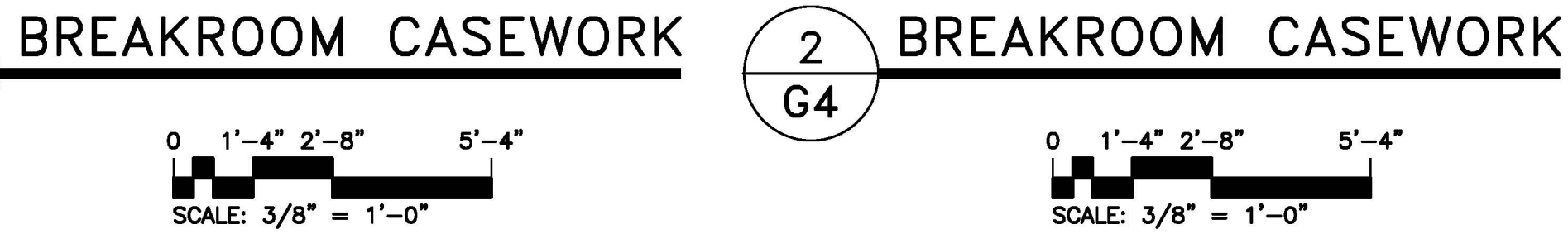
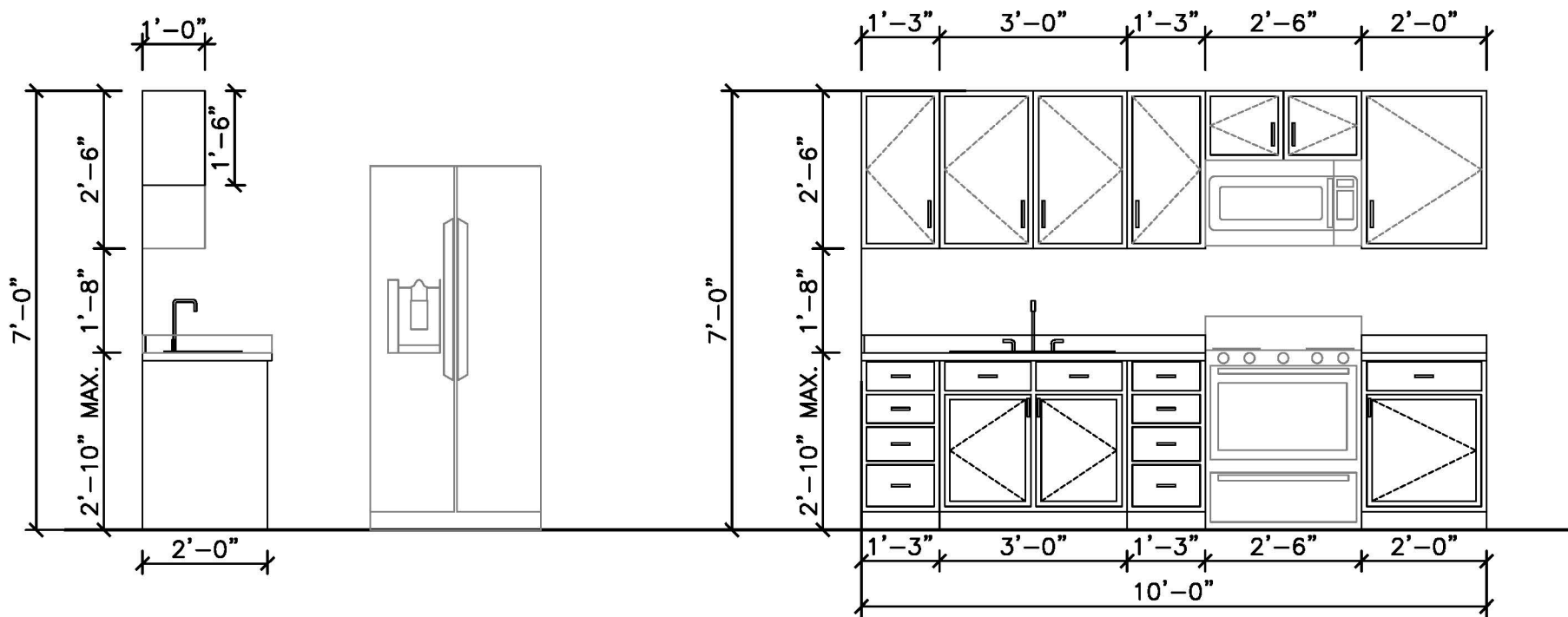
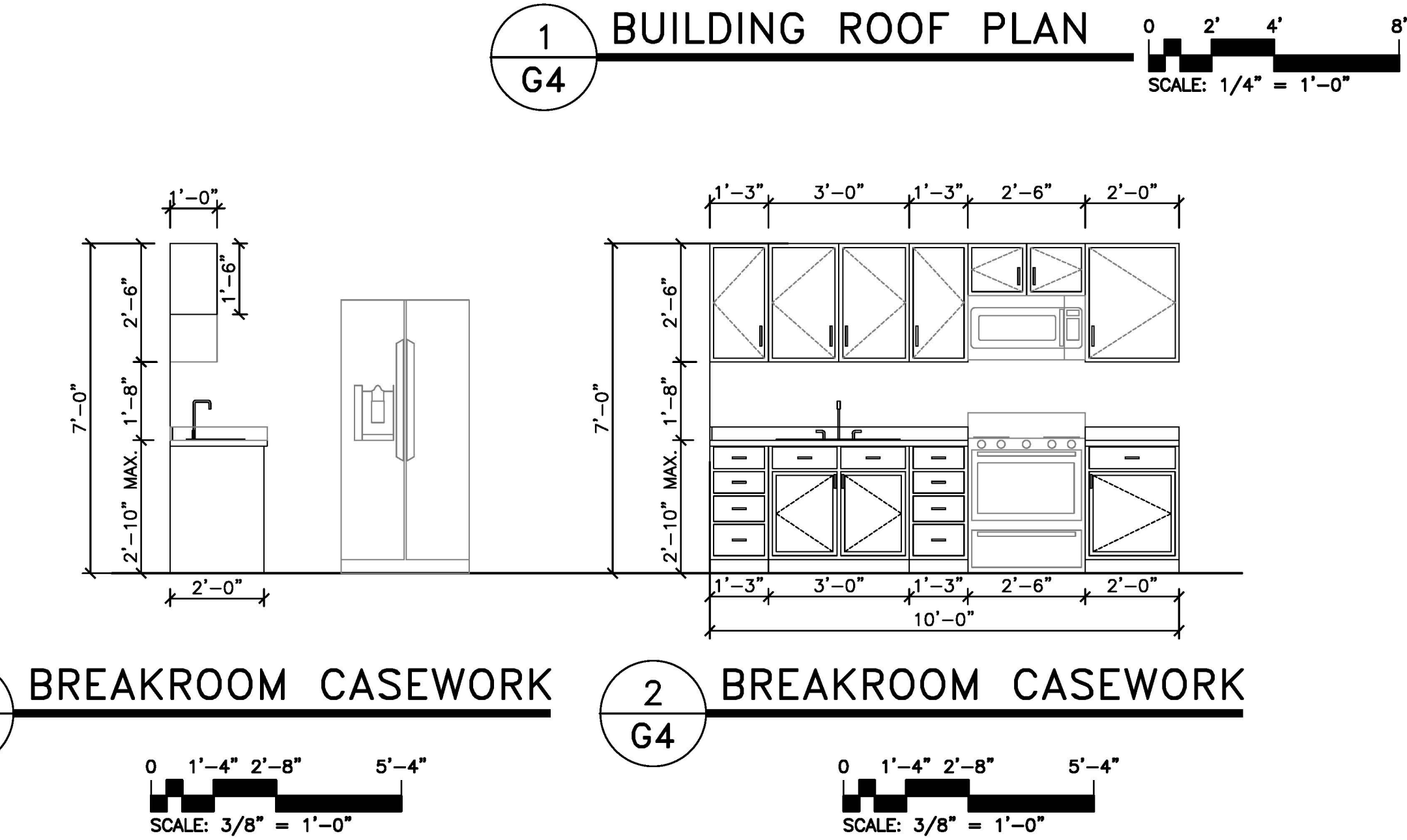
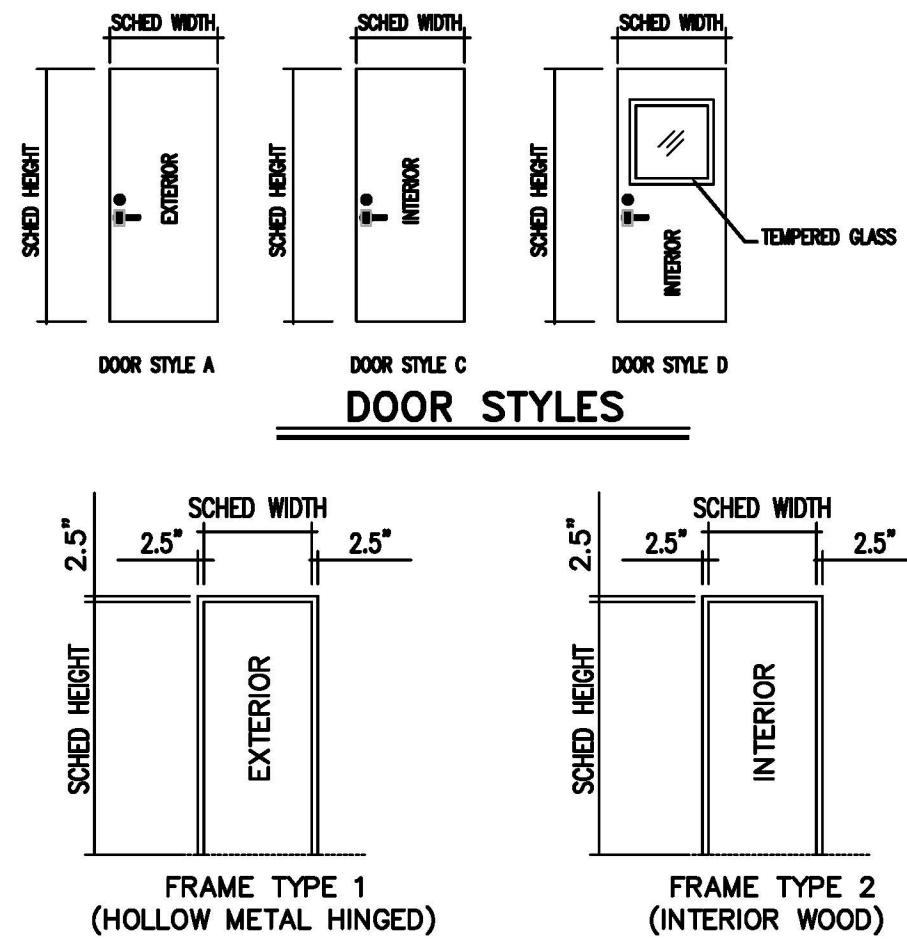




### FINISH GENERAL NOTES

1. FINISH SCHEDULE DESCRIBES ONLY THE BASIC SURFACE FINISH.
2. CASEWORK FINISHES ARE NOT SHOWN IN THE DRAWING. REFER TO SPECIFICATIONS FOR MATERIALS AND FINISHES.
3. PROVIDE CORNER GUARDS AS SHOWN ON FINISHES DRAWING.
4. F.R.P. WALL PANEL SHALL BE 51" TALL A.F.F.

DOOR SCHEDULE LEGEND			
H	HEIGHT	HM	HOLLOW METAL KNOCK-DOWN
W	WIDE	P	PAINT
ALUM	ALUMINUM	S	STAIN
WD	WOOD-SOLID CORE	M	METAL
T	THICKNESS	WI	WROUGHT IRON
		VA/B	VERIFY ANODIZED OR BRONZE



FINAL DRAWING <input type="checkbox"/> FOR REVIEW PURPOSES ONLY PRELIMINARY <input type="checkbox"/> FOR DESIGN DEVELOPMENT ONLY FINAL DRAWING <input checked="" type="checkbox"/> FOR CONSTRUCTION	DESIGNED / CHECKED BY: <b>KJD</b>
OWNER/TENANT: <b>LUIS TIRADO</b> 3527 OLD US 421 LILLINGTON, NC 27446	DRAWN BY: <b>BT</b>
CONTRACTOR/BUILDER: <b>TBD</b>	PROJECT #: <b>2025-04-02.2</b>
	DATE: <b>10 JULY 2025</b>

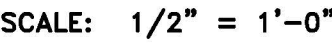
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REV	DATE	DESCRIPTION
Δ	07/10/25	FINAL FOR CONS.

***TIRADO TRUCK SHOP***  
US 421 SOUTH, HARNETT COUNTY, NC

**SCHEDULE & ROOF PLAN**

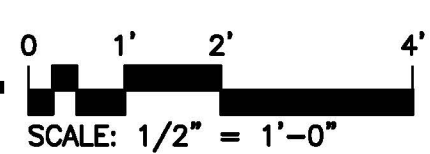
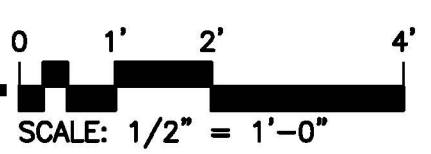
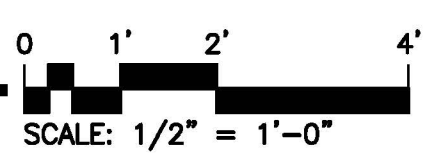
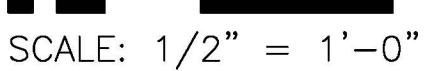
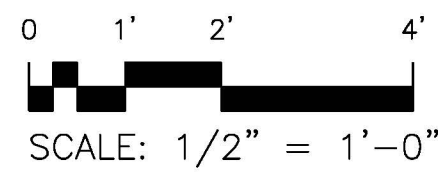
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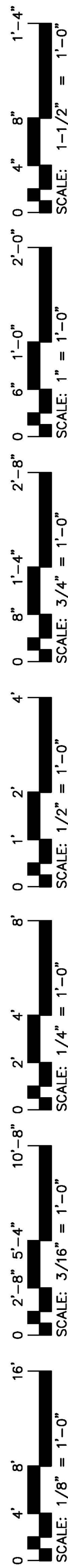


SEE SHEET P1 FOR PLUMBING FIXTURE SCHEDULE.

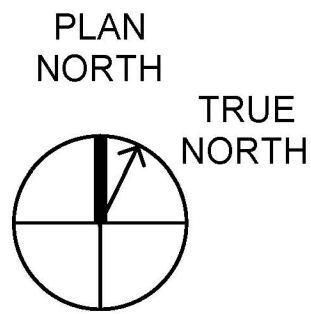
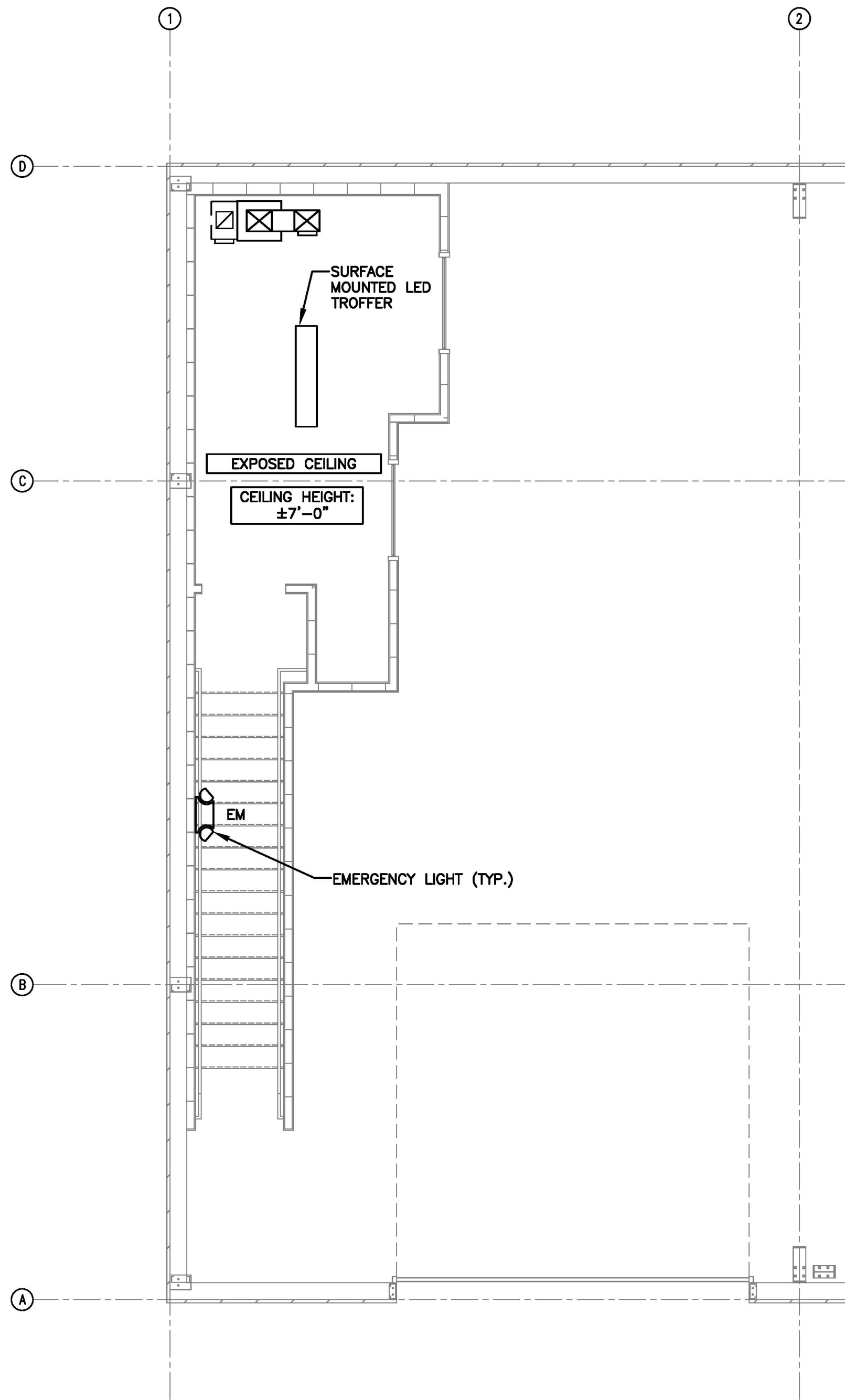
GYPSUM WALL BOARD SHALL BE MOISTURE RESISTANT IN RESTROOM
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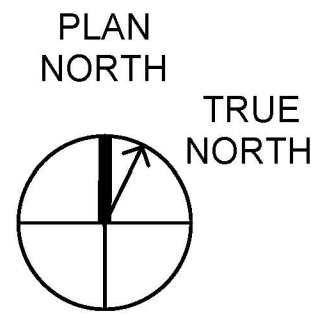
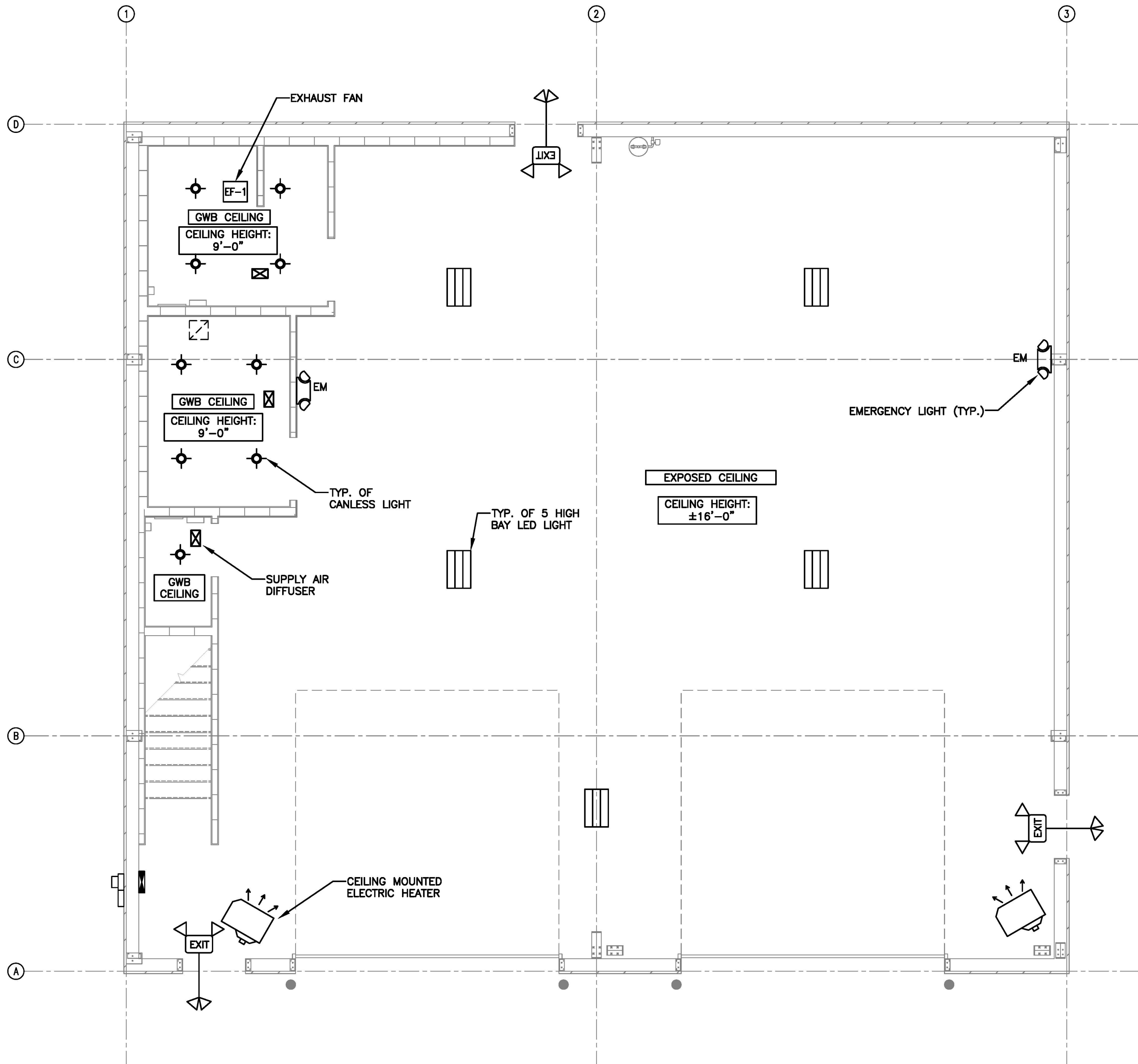
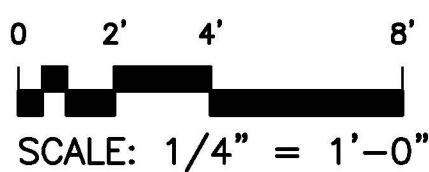




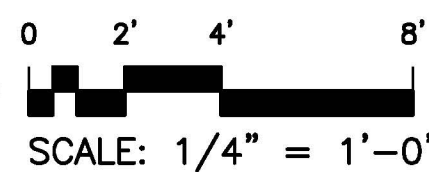
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Project Name: Tirado Truck Shop  
Project No.: 2025-04-02.3  
Project Date: 06/10/2025 - 10:33am



2 REFLECTED CEILING PLAN  
G6 MEZZANINE



1 REFLECTED CEILING PLAN  
G6 FIRST FLOOR



PERMITTING STAMP

PROJECT: **TIRADO TRUCK SHOP**  
US 421 SOUTH, HARNETT COUNTY, NC

SHEET: **REFLECTED CEILING PLAN**

G6

FINAL DRAWING ☐ FOR REVIEW PURPOSES ONLY  
PRELIMINARY ☐ FOR DESIGN DEVELOPMENT ONLY  
FINAL DRAWING ☒ FOR CONSTRUCTION

OWNER/TENANT:  
LUIS TIRADO

CONTRACTOR/BUILDER:  
TBD

DESIGNED / CHECKED BY: **BJ**

DRAWN BY: **BT**

PROJECT #: **2025-04-02.2**

DATE: **10 JULY 2025**



10 JULY 2025

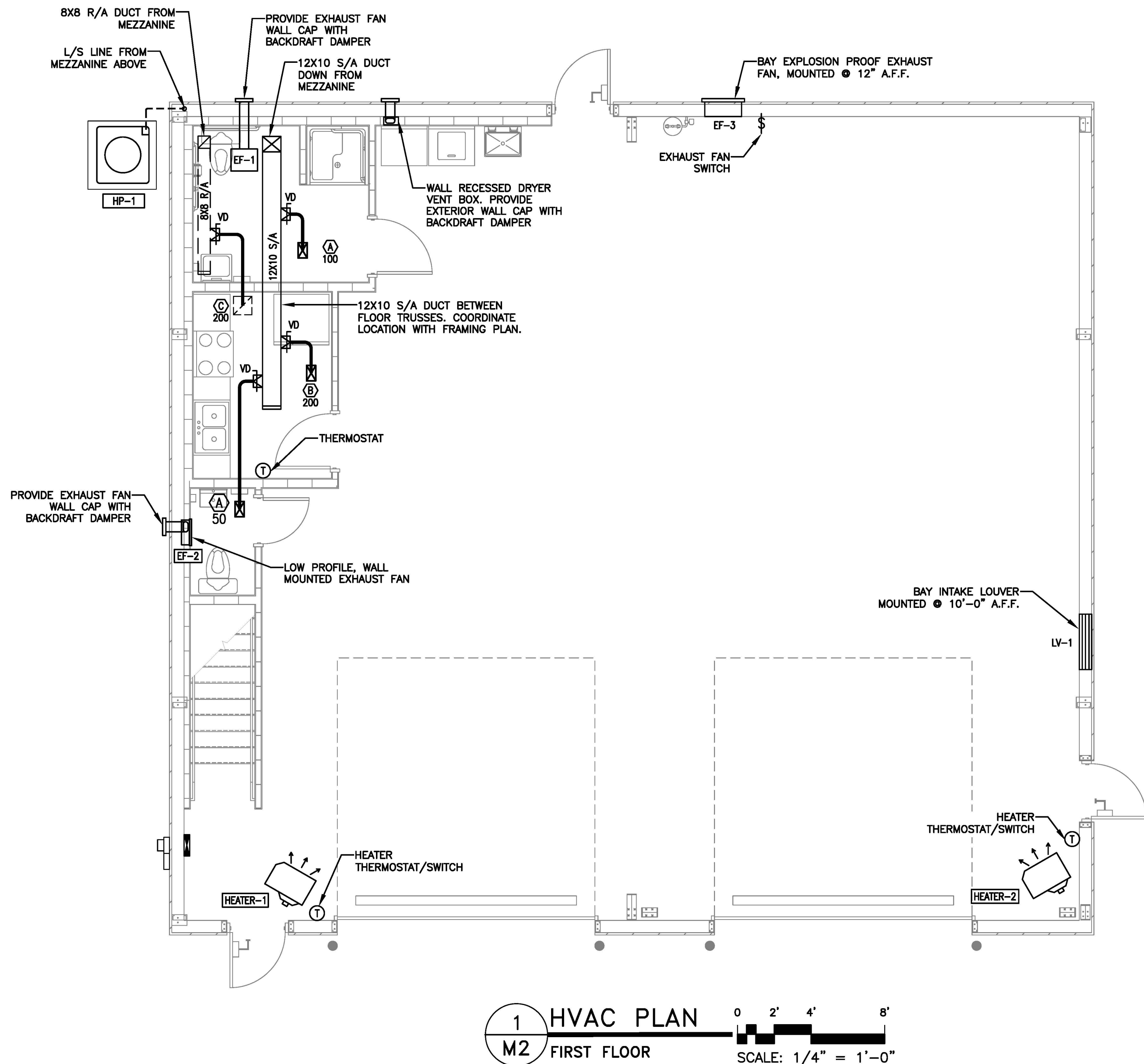
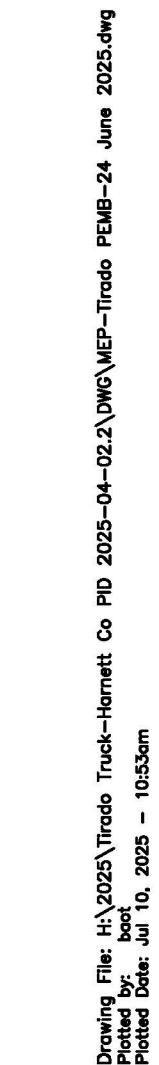


**JENKINS**  
CONSULTING ENGINEERS, PA  
OFFICE in EUREKA SPRINGS, NORTH CAROLINA  
1608 MARTIN RD. FAYETTEVILLE, NC 28311-1002  
910.822.1724



## M 1





MECHANICAL CONTRACTOR MAY USE EITHER ROUND OR RECTANGULAR DUCTWORK FOR HVAC SYSTEM, DEPENDING ON THE BUILDING OWNER'S PREFERENCE.

NEW HEAT PUMP/ COOLING UNIT SCHEDULE																							
EQUIPMENT INFO			COOLING CAPACITIES					HEATING CAPACITIES		COMPRESSOR/CONDENSER SECTION						ELECTRICAL INFORMATION				MISCELLANEOUS INFORMATION			
TAG	TYPE	LOCATION	NOM. TONS	TOTAL COOLING	MIN. IEER	MIN. IEER	MIN. SEER2	MIN. COP	UNIT CAPACITY	MIN. HSPF2	NO. OF COMPR.	COMPRESSOR AMPS RLA	CONDENSER FAN AMPS FLA	NO. OF FANS	FAN HP	UNIT VOLTS	UNIT PHASE	MCA	MOCP	WIRE SIZE (CU. 75 C)	MANUFACTURER/MODEL	UNIT SIZE (H)(X)(W)(D)	UNIT WEIGHT
HP-1	SPLIT-SYSTEM HEAT PUMP	OUTDOOR PAD	1.5	18,000	N/A	N/A	15.2	N/A	18.0	7.8	1	8.2	0.95	1	1/8	240	1	11.2	20	#12	GOODMAN/GLZS4BA1810	33"x29"x29"	150 LBS
***BASIS OF DESIGN: GOODMAN EQUIPMENT. SIMILAR AND EQUAL EQUIPMENT BY TRANE, CARRIER, AND ICP MAY BE SUBSTITUTED FOR THE CARRIER EQUIPMENT. SUBMIT MANUFACTURERS LITERATURE TO ENGINEER FOR APPROVAL BEFORE SUBSTITUTING EQUIPMENT.																							

\*\*\* RESTROOM EXHAUST FAN SHALL CONTROLLED WITH RESTROOM LIGHT SWITCH.  
\*\*\* BAY AREA EXHAUST FAN SHALL BE OPERATE AT ALL TIME WHEN THE BUILDING IS OCCUPIED.

① FACTORY THERMOSTAT ② FACTORY CEILING SUSPENSION KIT

\*\*\*BASIS OF DESIGN: GOODMAN EQUIPMENT. SIMILAR AND EQUAL EQUIPMENT BY TRANE, CARRIER, AND ICP MAY BE SUBSTITUTED FOR THE CARRIER EQUIPMENT. SUBMIT MANUFACTURERS LITERATURE TO ENGINEER FOR APPROVAL BEFORE SUBSTITUTING EQUIPMENT.

PERMITTING STAMP



1'-4" 8" 4" 2'-0" 0 4" 2'-8" 0 6" 1'-0" 2'-0" 0 8" 1'-4" 4' 0 8" 1'-0" 2'-8" 0 2' 0 1' 1'-0" 8' 0 4' 1'-0" 10'-8" 0 2' 4' 1'-0" 16' 0 2'-8" 5'-4" 0 4' 8" 1'-0" SCALE: 1/8" = 1'-0" 3/16" = 1'-0" 1/4" = 1'-0" 1/2" = 1'-0" 3/4" = 1'-0" 1" = 1'-0" 2" = 1'-0" 4" = 1'-0" 8" = 1'-0" 1'-4" = 1'-0" 2'-0" = 1'-0" 2'-8" = 1'-0" 4' = 1'-0" 8' = 1'-0" 16' = 1'-0" SCALE: 1/8" = 1'-0" 3/16" = 1'-0" 1/4" = 1'-0" 1/2" = 1'-0" 3/4" = 1'-0" 1" = 1'-0" 2" = 1'-0" 4" = 1'-0" 8" = 1'-0" 1'-4" = 1'-0" 2'-0" = 1'-0" 2'-8" = 1'-0" 4' = 1'-0" 8' = 1'-0" 16' = 1'-0"

Drawing File: H:\2025\Tirado Truck-Harnett Co. P10 2025-04-02\DWG\MEP-Tirado P10-24 June 2025.dwg  
Printed Date: 10/10/2025 10:33am

ELECTRICAL LEGEND	
	DUPLEX RECEPTACLE; MOUNT AT 18" A.F.F.
	DUPLEX RECEPTACLE; MOUNT AT 18" A.F.F.; TAMPER RESISTANT
	DUPLEX RECEPTACLE; GROUND FAULT CIRCUIT INTERRUPTER
	DUPLEX RECEPTACLE; WEATHERPROOF GROUND FAULT CIRCUIT INTERRUPTER
	QUAD RECEPTACLE; MOUNT AT 18" A.F.F.
	2 POLE 208/240V RECEPTACLE
	CEILING MOUNTED DUPLEX RECEPTACLE
	FLOOR MOUNTED RECEPTACLE
	SINGLE POLE POWER/LIGHTING HOMERUN
	2-POLE POWER HOMERUN
	3-POLE POWER HOMERUN (3 PHASE)
	WALL MOUNTED DATA OUTLET
	WALL MOUNTED VOICE (TELEPHONE) OUTLET
	WALL MOUNTED VOICE/DATA OUTLET
	TIMECLOCK
	TELEVISION OUTLET
	DISCONNECT
	JUNCTION BOX
	POWER PANEL
	SWITCH
	3-WAY SWITCH
	SWITCH WITH DIMMER
	OCCUPANCY SENSOR WITH MANUAL OVERRIDE
	LAY-IN/SURFACE MOUNTED LED LIGHT FIXTURE
	LAY-IN/SURFACE MOUNTED LED; NIGHT LIGHT
	PENDANT LIGHT
	CAN LIGHT
	EMERGENCY LIGHT
	EXIT/EMERGENCY COMBO
	EXIT LIGHT
	REMOTE HEAD FOR EXIT LIGHTING
	EXTERIOR MOUNTED WALL PACK

**ELECTRICAL NOTES:**  
ALL WORK SHALL BE IN ACCORDANCE WITH 2020 NEC.

WIRE AND CABLE SHALL BE INSULATED, TYPE THHN, 600 VOLTS, WITH COPPER CONDUCTORS. CONDUCTOR SIZES NO. 8 AWG AND LARGER MAY BE STRANDED. CONDUCTOR SIZES NO. 10 AWG AND SMALLER MAY BE SOLID OR STRANDED.

ROMEX CAN NOT BE USED IN THIS PROJECT. MC CAN BE USED.

EMT SHALL BE GALVANIZED STEEL TUBING 1/2-INCH MINIMUM SIZE, EQUAL TO ELECTRUMITE BRAND OR APPROVED AND USED ONLY WITH HEXAGONAL ALL STEEL COMPRESSION FITTINGS. MC CABLE MAY BE SUBSTITUTED FOR CONDUIT BACKWAYS WHERE PERMITTED BY THE CODE, AND APPROVED BY OWNER.

PLASTIC CONDUIT SHALL BE RIGID, 3/4-INCH MINIMUM, NONMETALLIC, HEAVY DUTY, POLYVINYLCHLORIDE (PVC), TYPE I WILL BE USED FOR CONCRETE ENGAGEMENT, FITTINGS SHALL BE THE SAME MATERIALS AND MANUFACTURER AS THE PLASTIC CONDUIT.

FLEXIBLE METAL CONDUIT SHALL BE 1/2-INCH MINIMUM SINGLE STRIP, STEEL, HOT DIPPED GALVANIZED INSIDE AND OUTSIDE, MAXIMUM LENGTH OF 72 INCHES FOR LIGHTING, AND 36 INCHES FOR MOTORS. FLEXIBLE METAL CONDUIT SHALL BE LIQUID TIGHT OR WATER TIGHT WITH PVC JACKET WHERE USED IN DAMP, WET, OR OUTSIDE AREAS, AND LIQUID TIGHT OR WATER TIGHT CONNECTORS SHALL BE USED.

NO RECEPTACLES OR TELEPHONE OUTLETS ARE TO BE MOUNTED BACK TO BACK, KEEP AT LEAST 1 1/2 INCHES BETWEEN RECEPTACLES AND TELEPHONE OUTLETS.

ALL CONDUCTORS SHALL BE COPPER WITH A MINIMUM SIZE OF #12 AWG EXCEPT FOR FIRE ALARM. THESE CONDUCTORS SHOULD COMPLY WITH NFPA REQUIREMENTS.

THE ELECTRICAL CONTRACTOR SHALL ALIGN ALL FIXTURES, SMOKE DETECTORS, CEILING DIFFUSERS, ETC. AS REQUIRED TO PROVIDE A UNIFORM PRESENTATION. FOLLOW THE REFLECTED CEILING PLAN IF PROVIDED.

CIRCUIT BREAKERS AND WIRE ARE SIZED FOR SPECIFIC EQUIPMENT. BEFORE ORDERING WIRE, BREAKERS, FIXTURES, CONDUIT, AND ETC. FOR THIS PROJECT, THE ELECTRICAL CONTRACTOR SHALL COORDINATE WITH THE OTHER CONTRACTORS ON THE JOB AND VERIFY THE ELECTRICAL DATA FOR THE EQUIPMENT THAT WILL BE ACTUALLY INSTALLED, RECOMPUTE WIRE AND BREAKER SIZES IF REQUIRED BY THE NEC.

THE MOUNTING HEIGHTS AND LOCATIONS OF ALL WALL MOUNTED OUTLETS AND JUNCTION BOXES SHALL BE REVIEWED AND COORDINATED WITH THE GENERAL CONTRACTOR AND OWNER PRIOR TO INSTALLATION FOR USE WITH ACTUAL EQUIPMENT.

ALL LIGHT SWITCHES, RECEPTACLES, WALL PLATES, TELEPHONE/COMPUTER OUTLET BOXES, AND CABLE OUTLET BOXES SHALL BE WHITE.

EACH CONTRACTOR WILL PROVIDE HIS OWN SUPPORT OF ALL DEVICES AND EQUIPMENT PROVIDED IN HIS CONTRACT AND SHALL SUPPORT SUCH EQUIPMENT PER APPROVED COVERING CODES. UNACCEPTABLE WORKMANSHIP OR MATERIALS SHALL BE REPLACED AT THE ELECTRICAL CONTRACTORS EXPENSE.

THE ELECTRICAL CONTRACTOR SHALL REFER TO THE DRAWINGS FOR FLOOR PLAN AND BUILDING ELEVATION DIMENSIONS.

THE ELECTRICAL CONTRACTOR SHALL COORDINATE WITH OTHER TRADES INVOLVED IN THIS PROJECT PRIOR TO INSTALLATION OF HIS EQUIPMENT, SO AS TO AVOID CONFLICTS DURING CONSTRUCTION AND ALLOW FOR OPTIMUM WORKING SPACE AND MAINTENANCE. THINK OF OTHER CONTRACTORS AND THEIR REQUIREMENTS IN VERTICAL CHASES AND WALL MOUNT SPACE. ALL CONTRACTORS TO FOLLOW THIS ORDER OF PRIORITY:

1. STORM AND SANITARY SEWER LINES
2. DUCTWORK AND HVAC SYSTEMS
3. HOT AND COLD WATER LINES
4. RIGID CONDUIT
5. CABLE

THE ELECTRICAL CONTRACTOR TO ORGANIZE HIS CONDUIT, WIRE, AND CABLE RUNS IN ATTIC SPACES AND ABOVE CEILINGS, MAKE RUNS PARALLEL, PERPENDICULAR, AND GROUPED TOGETHER WHERE POSSIBLE. LOCATE MAJOR GROUPINGS OVER HALLWAYS AND AREAS OF PUBLIC ACCESS. FREE RUNS OF PHONE, TELEVISION, SECURITY, ALARM, AND OTHER CABLES IS NOT ACCEPTABLE.

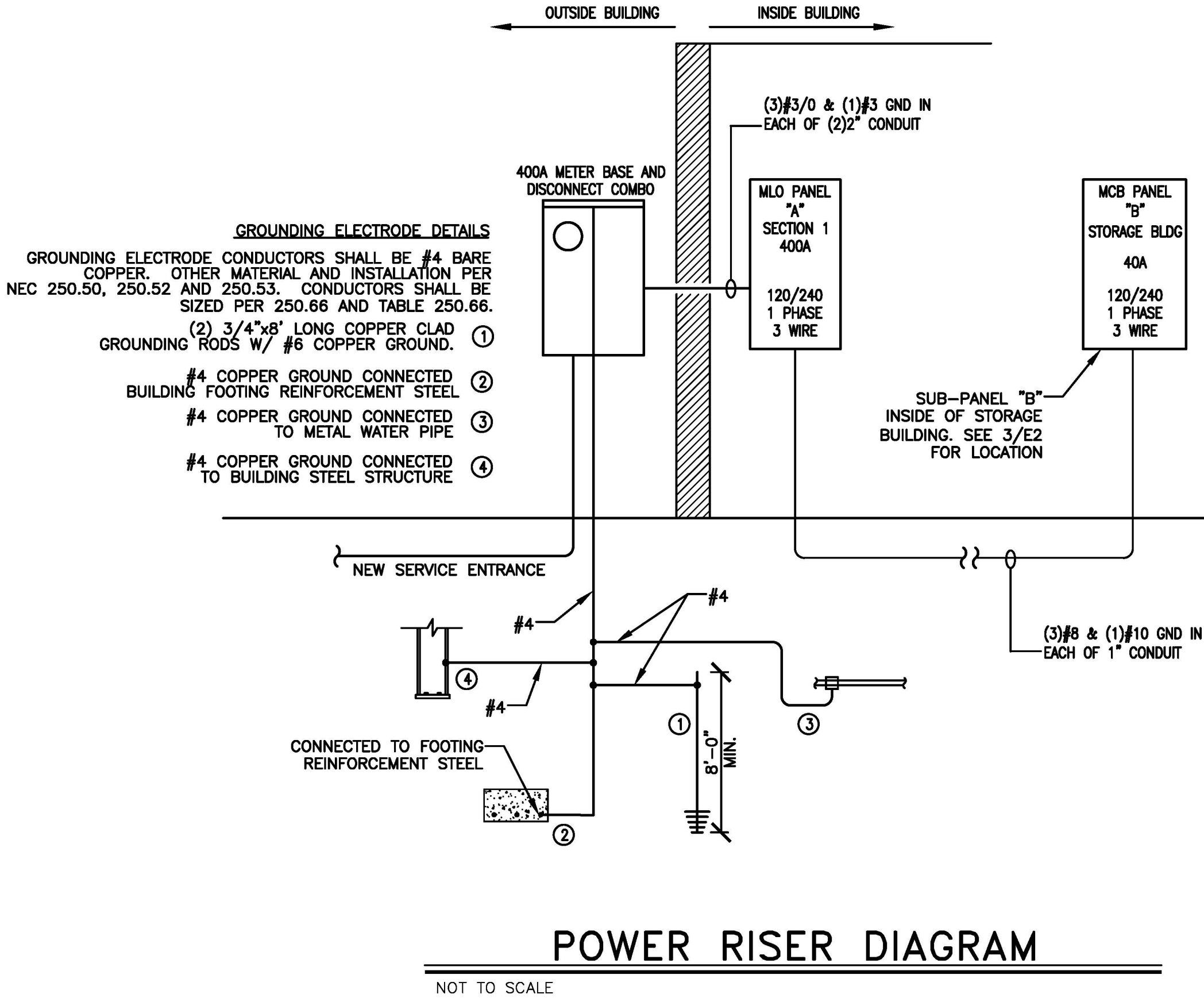
ALL DISCONNECT SWITCHES AND BREAKER SIZES SHOWN FOR MECHANICAL EQUIPMENT, KITCHEN EQUIPMENT, AND ETC. SHALL BE VERIFIED BEFORE PURCHASE AND INSTALLATION OF SAID EQUIPMENT WITH THE EQUIPMENT SUPPLIER AND MECHANICAL CONTRACTOR. WHERE EQUIPMENT PENETRATES EXTERIOR WALLS OR ROOF, THEY SHALL BE PROPERLY SEALED.

EXHAUST FANS ARE TO BE PROVIDED AND INSTALLED BY THE MECHANICAL CONTRACTOR, AND ELECTRICAL WIRING BY THE ELECTRICAL CONTRACTOR.

THE ELECTRICAL CONTRACTOR SHALL PROVIDE NAMEPLATES FOR IDENTIFICATION OF ALL EQUIPMENT, SWITCHES, PANELS, ETC. THE NAMEPLATES SHALL BE LAMINATED PHENOLIC PLASTIC, BLACK FRONT AND BACK WITH WHITE CORE, WHITE ENGRAVED LETTERS (1/4 INCH MINIMUM) FITCHED INTO THE WHITE CORE. NAME TAGS TO BE MOUNTED WITH SELF-TAPPING SHEET METAL SCREWS.

THE ELECTRICAL CONTRACTOR IS NOT TO SCALE THE DRAWINGS FOR RECEPTACLES AND LIGHT FIXTURES TO BE INSTALLED. THE DRAWINGS ARE FOR DIAGRAMMATIC PURPOSES ONLY TO SHOW GENERAL LOCATION. THE ELECTRICAL CONTRACTOR TO COORDINATE EXACT LOCATION OF RECEPTACLES AND LIGHT FIXTURES WITH THE GENERAL CONTRACTOR AND/OR CASEWORK DRAWINGS.

ALL LIGHT SWITCHES AND RECEPTACLES SHALL BE RATED FOR 20 AMP UNLESS NOTED OTHERWISE.



PANEL "A"				PHASE: 1				WIRE: 3				VOLTS: 240/120				MAIN: 400A MLO											
TYPE: NEMA 1				MOUNTING: RECESSED				ENCLOSURE: TYPE 1																			
SHORT CIRCUIT RATING: 22 KA				RMS SYM.																							
X				GROUND TERMINAL BAR				X				NEUTRAL TERMINAL BAR															
PHASE LOADING		DESCRIPTION		WIRE SIZE		CKT. BKR. TRIP		CKT. NO.		A		B		CKT. NO.		CKT. BKR. TRIP		WIRE SIZE		DESCRIPTION		PHASE LOADING					
A	B																			A	B						
0.60			REFRIGERATOR	#12	20/1	GFCI	1							2	20/1	#12				RECEPT-RESTROOMS GFCI		0.55					
	0.55		RECEPT- BREAKROOM COUNTER	#12	20/1		3							4	20/1	#12				WASHER		0.85					
1.00			MICROWAVE	#12	20/1		5							6	20/1	#12				RECEPT- LEFT WALL		0.37					
	4.00													8	20/1	#12				RECEPT - BACK WALL		0.55					
4.00			RANGE	#8	50/2		7							10	20/1	#12				RECEPT - RIGHT WALL		0.55					
	1.34		GARAGE DOOR	#12	20/1		11							12	30/2							2.50					
1.34			GARAGE DOOR	#12	20/1		13							14	GFCI					CLOTHES DRYER		2.50					
	0.18		LIGHTING - BREAK, RESTROOMS	#12	20/1		15							16	20/1	#12				EMERGENCY LIGHTS		0.10					
0.83			LIGHTING - BAY AREA	#12	20/1		17							18	20/1	#12				EXTERIOR WALL PACK		0.14					
	0.10		LIGHT - MEZZANINE	#12	20/1		19							20	20/1	#12				BAY AREA EXHAUST FAN		0.80					
-			-	-	-		21							22	-	-				-		-					
-			-	-	-		23							24	-	-				-		-					
-			-	-	-		25							26	-	-				-		-					
-			-	-	-		27							28	-	-				-		-					
-			-	-	-		29							30	-	-				-		-					
-			-	-	-		31							32								0.50					
-			-	-	-		33							34	40/2	#8				STORAGE BUILDING SUB-PANEL "B"		0.10					
2.53							35							36	30/2	#10						2.25					
2.53			AIR COMPRESSOR	#10	30/2		37							38						WATER HEATER		2.25					
	2.50						39							40	30/2							2.50					
2.50			RECEPT- EQUIPMENT	#10	30/2	GFCI	41							42	GFCI	#10				RECEPT- EQUIPMENT		2.50					
	2.50						43							44	30/2							2.50					
2.50			RECEPT- EQUIPMENT	#10	30/2	GFCI	45							46	GFCI	#10				RECEPT- EQUIPMENT		2.50					
	4.99						47							48								4.99					
4.99			BAY HEATER 1	#6	55/2		49							50	55/2	#6				BAY HEATER 2		4.99					
	2.57						51							52								1.34					
2.57			AHU-1	#8	35/2		53							54	20/2	#12				HP-1		1.34					
22.86	21.26	----- SUB-TOTAL (kVA)				(kVA)				SUB-TOTAL (kVA)				-----				17.79				18.88					
																								TOTAL CONNECTED LOAD = 80.79 KVA			
																								TOTAL AMPS = 336.625 AMP			
																								TOTAL OF: 54 SPACES			

AVAILABLE FAULT CURRENT	
UTILITY FAULT @ 240 VOLTS = 100 KVA XFMR 27,800 AMPS	
(2 RUNS) #250 KCMIL AL @ 200 FEET TO DISCONNECT AT SERVICE ENTRANCE	
L-L FAULT CURRENT = 9,925 AMPS	
L-N FAULT CURRENT = 6,512 AMPS	
3/0 COPPER @ 5 FEET TO PANEL (SHORTEST RUN)	
L-L FAULT CURRENT = 9,767 AMPS	
L-N FAULT CURRENT = 6,377 AMPS	

TOTAL CONNECTED LOAD SUMMARY			
ITEM	CONNECTED LOAD (kva)		ESTIMATED LOAD (kva)
HVAC	27.78	● 100%	= 27.78
LIGHTING	1.35	● 125%	= 1.68
RECEPTACLES	2.57	(T-10.00*60+10.00)	= 2.57
MISC. EQUIPMENT	49.09	● 60%	= 29.45
TOTAL CONNECTED	80.79 KVA	336.625 AMPS	
ESTIMATED DEMAND	61.48 KVA	255.16 AMPS	

## APPENDIX B ELECTRICAL DESIGN 2018 BUILDING CODE SUMMARY

PROJECT NAME: TIRADO TRUCK REPAIR GARAGE

### ELECTRICAL SUMMARY

#### ELECTRICAL SYSTEM AND EQUIPMENT

##### METHOD OF COMPLIANCE:

ENERGY CODE: X PRESCRIPTIVE PERFORMANCE  
ASHRAE 90.1: PRESCRIPTIVE PERFORMANCE

#### LIGHTING SCHEDULE (EACH FIXTURE TYPE)

LAMP TYPE REQUIRED IN FIXTURE LED  
NUMBER OF LAMPS IN FIXTURE (SEE FIXTURE SCHEDULE)  
BALLAST TYPE USED IN THE FIXTURE ELECTRONIC  
NUMBER OF BALLASTS IN FIXTURE 1  
TOTAL WATTAGE PER FIXTURE VARIES PER FIXTURE  
TOTAL INTERIOR WATTAGE SPECIFIED VERSUS ALLOWED (WHOLE BUILDING) 1,507 ALLOWED - 1,350 SPECIFIED  
TOTAL EXTERIOR WATTAGE SPECIFIED VERSUS ALLOWED N/A

#### SECTION C406 ADDITIONAL EFFICIENCY PACKAGE OPTIONS

C406.1 BUILDINGS SHALL HAVE AT LEAST ONE OF THE FOLLOWING PRESCRIPTIVE COMPLIANCE (REQUIRED FOR NEW BUILDINGS, OPTIONAL FOR EXISTING BUILDINGS)

1. MORE EFFICIENT MECHANICAL EQUIPMENT PER C406.2
2. REDUCED LIGHTING POWER DENSITY PER C406.3
3. ENHANCED LIGHTING CONTROL SYSTEMS PER C406.4
4. ON-SITE SUPPLY OF RENEWABLE ENERGY PER C406.5
5. DEDICATED OUTDOOR AIR SYSTEM PER C406.6
6. HIGHER EFFICIENCY SERVICE WATER HEATING PER C406.7

DESIGNER STATEMENT:  
TO THE BEST OF MY KNOWLEDGE AND BELIEF, THE DESIGN OF THIS BUILDING COMPLIES WITH THE ELECTRICAL SYSTEM AND EQUIPMENT REQUIREMENTS OF THE 2018 NC ENERGY CONSERVATION CODE.

SIGNED: Buddy Jenkins  
NAME: BUDDY JENKINS  
TITLE: PROFESSIONAL ENGINEER

PERMITTING STAMP



10 JULY 2025

DESIGNED / CHECKED BY: BJ  
DRAWN BY: BT  
PROJECT #: 2025-04-02  
DATE: 10 JULY 2025

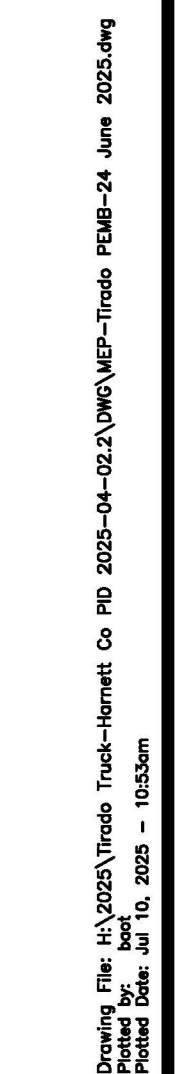
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PRELIMINARY [ ] FOR DESIGN DEVELOPMENT ONLY  
FINAL DRAWING [X] FOR CONSTRUCTION  
OWNER/TENANT: LUIS TIRADO  
3077 OLD US 421 LILLINGTON, NC 27446  
CONTRACTOR/BUILDER: TBD

REVISIONS:  
REV DATE DESCRIPTION  
1 07/10/25 FINAL FOR CONS.

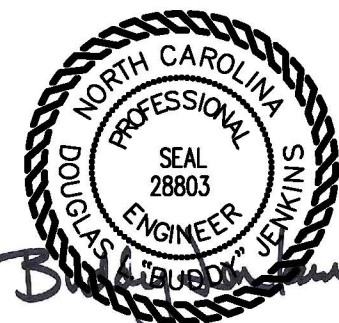
PROJECT: TIRADO TRUCK SHOP  
US 421 SOUTH, HARNETT COUNTY, NC  
SHEET: ELECTRICAL RISERS & NOTES

E1





PERMITTING STAMP



10 JULY 2025

DESIGNED / CHECKED BY:	BJ
DRAWN BY:	BT
PROJECT #:	2025-04-02.2
DATE:	

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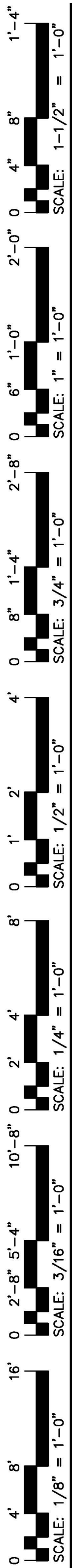
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A	07/10/25	FINAL FOR CON

***TIRADO TRUCK SHOP***  
US 421 SOUTH, HARNETT COUNTY, NC  
ELECTRICAL -- POWER PLAN

SHEET:

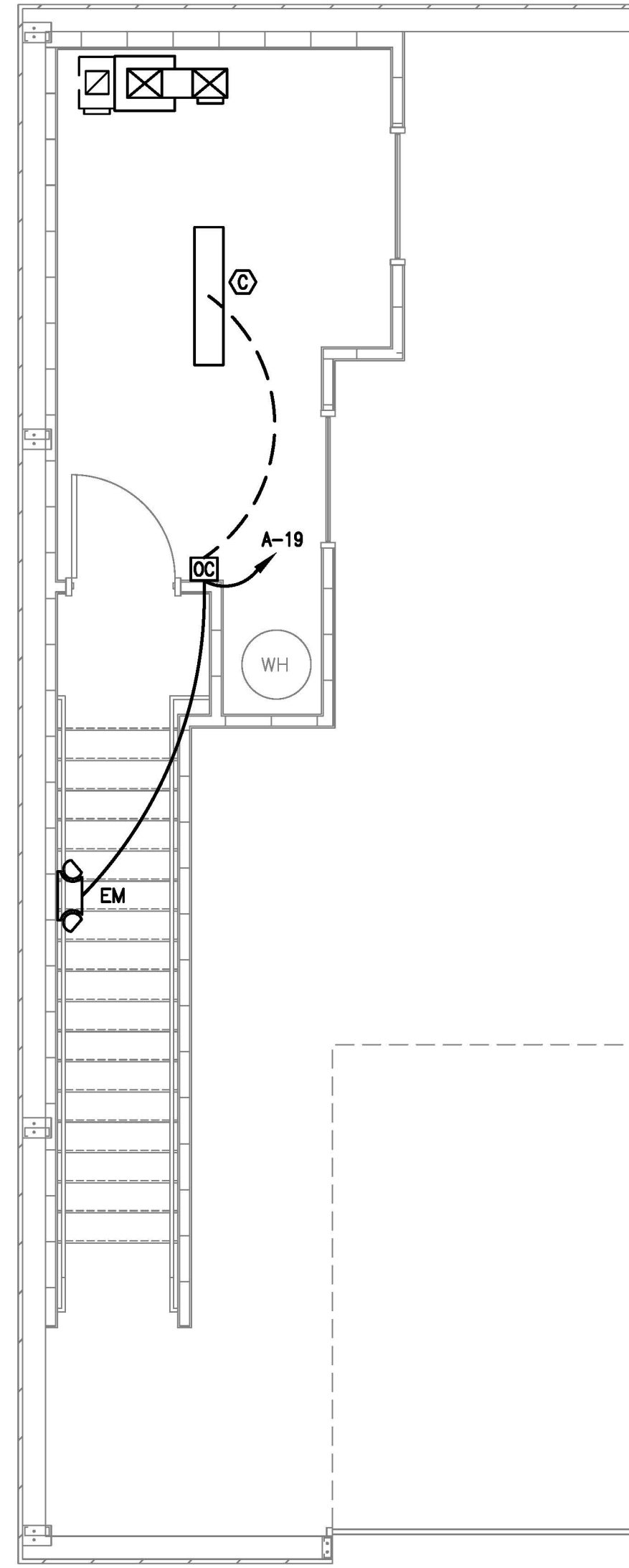
## E2



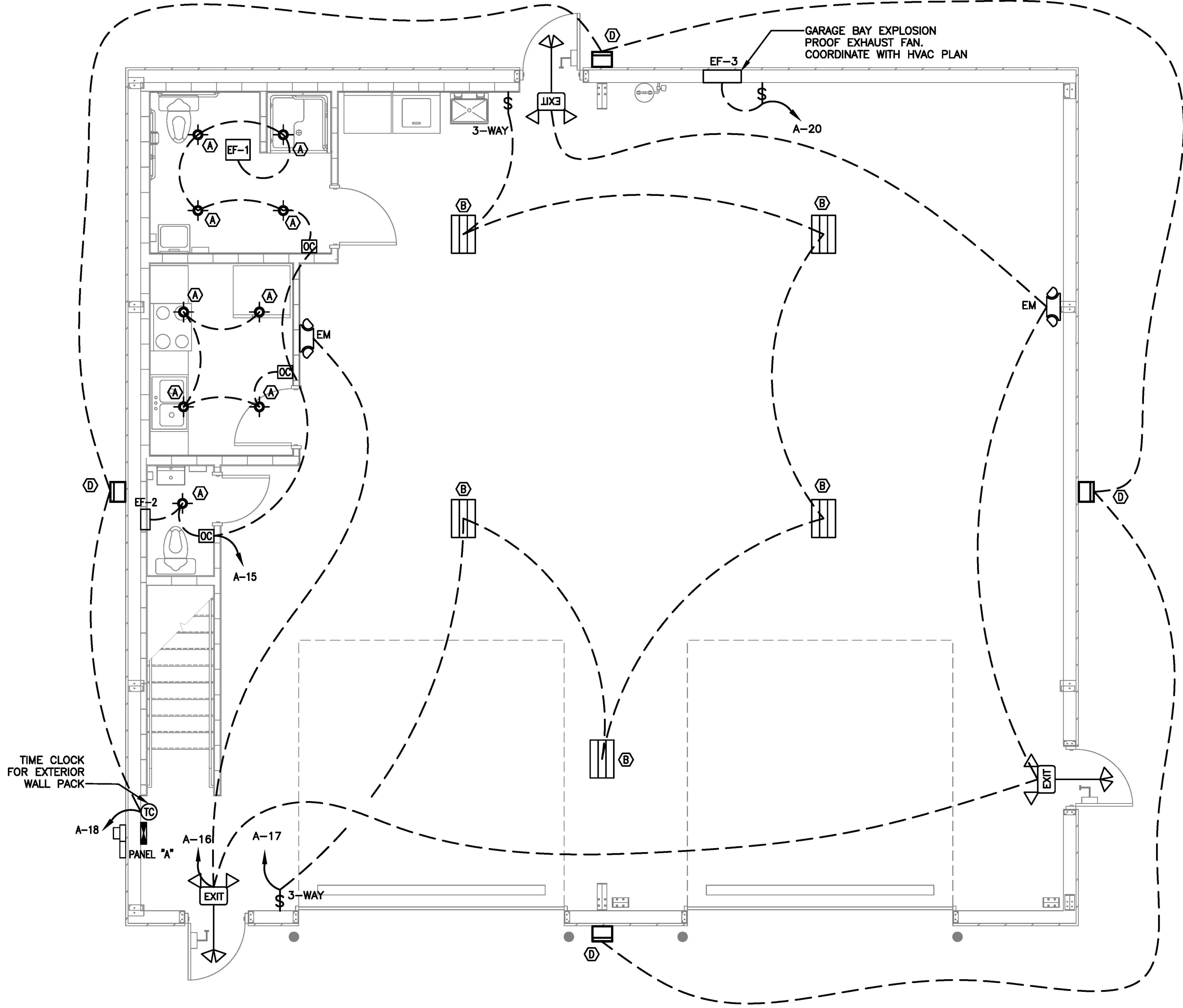


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Project Name: Tirado Truck Shop  
Project Date: 06/10/2025 - 10:33am

2 LIGHTING PLAN  
E3 MEZZANINE  
SCALE: 1/4" = 1'-0"



1 LIGHTING PLAN  
E3 FIRST FLOOR  
SCALE: 1/4" = 1'-0"



LIGHT FIXTURE SCHEDULE													
TAG	DESCRIPTION	SIZE	MOUNTING	LENS	COLOR	LUMENS	BULB	BALLAST TYPE	HOUSING	VOLTAGE	WATTAGE	MANU/MODEL NUMBER	REMARKS
A	LED RECESSED DOWNLIGHT	6"	RECESSED	N/A	5000 K	1210	LED	LED DRIVER	STEEL	120	14.3	LITHONIA NO. WF8 LED 50K MVOLT 90CRI OR EQUAL	
B	LED HIGH BAY LIGHT	24"x18"	SURFACE	N/A	5000 K	22000	LED	LED DRIVER	STEEL	120	165	LITHONIA NO. IBE L24 22000LM ATC MD 50K 80CRI OR EQUAL	
C	LED TROFFER	48"x12"	SURFACE	N/A	5000 K	4000	LED	LED DRIVER	STEEL	120	165	LITHONIA NO. SBL4 4000LM 80CRI 40K OR EQUAL	
D	EXTERIOR LED WALL PACK	13" X 9"	SURFACE	N/A	4000 K	5300	LED	LED DRIVER	STEEL	120	36	LITHONIA NO. TWR1 LED ALO SHW2 UVOLT PE DDBTXD OR EQUAL	
EM	EMERGENCY	N/A	WALL	N/A	N/A	N/A	(2) LAMPS	ELECTRONIC	POLYCARBONATE	120/240		LITHONIA NO. EU2L M12 OR EQUAL	6 VOLT NICAD BATTERY TEST SWITCH, POWER INDICATOR
EX	EXIT SIGN/EMERGENCY LIGHT COMBO	N/A	WALL	SINGLE	N/A	N/A	LED LIGHT	LED DRIVER	POLYCARBONATE	120/240		LITHONIA NO. LHQM LED R HO M6 OR EQUAL	6 VOLT NICAD BATTERY, (2) REMOTE HEADS

PERMITTING STAMP

PROJECT: TIRADO TRUCK SHOP  
US 421 SOUTH, HARNETT COUNTY, NC

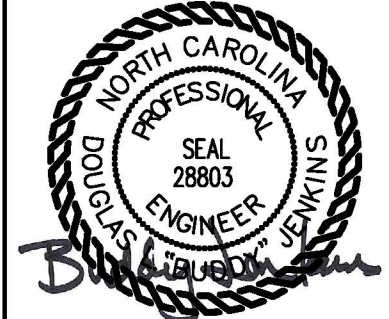
SHEET: ELECTRICAL - LIGHTING PLAN

E3

DESIGNED / CHECKED BY: BJ  
DRAWN BY: BT  
PROJECT #: 2025-04-02.2  
DATE: 10 JULY 2025

FINAL DRAWING ☐ FOR REVIEW PURPOSES ONLY  
PRELIMINARY ☐ FOR DESIGN DEVELOPMENT ONLY  
FINAL DRAWING ☒ FOR CONSTRUCTION  
OWNER/TENANT:  
LUIS TIRADO  
307 OLD US 421 LILINGTON, NC 27148  
CONTRACTOR/BUILDER:  
TBD

REVISIONS:  
REV DATE DESCRIPTION  
A 07/10/25 FINAL FOR CONSTRUCTION



10 JULY 2025



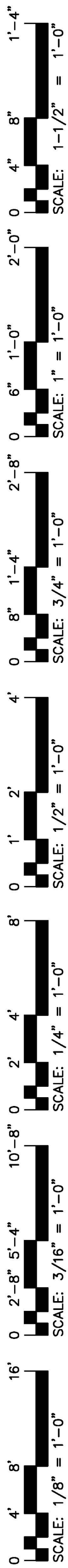


SERVICE AREA:	1,900 SQ.FT.
ANTICIPATED FLOW RATE:	25 GPM
<u>OIL SEPARATOR SIZING</u>	
6.0 CU.FT. FOR FIRST 100 SQ.FT. OF DRAINAGE AREA:	6 CU.FT.
1.0 CU.FT. FOR EACH ADDITIONAL 100 SQ.FT. OF DRAINAGE AREA:	18 CU.FT.
CU.FT. REQUIREMENT:	24 CU.FT.
GAL. REQUIREMENT:	180 GAL
SIZING METHODOLOGY COMPLIES WITH UPC SECTION 1017.2 AND IPC 1003.4.2.2.	

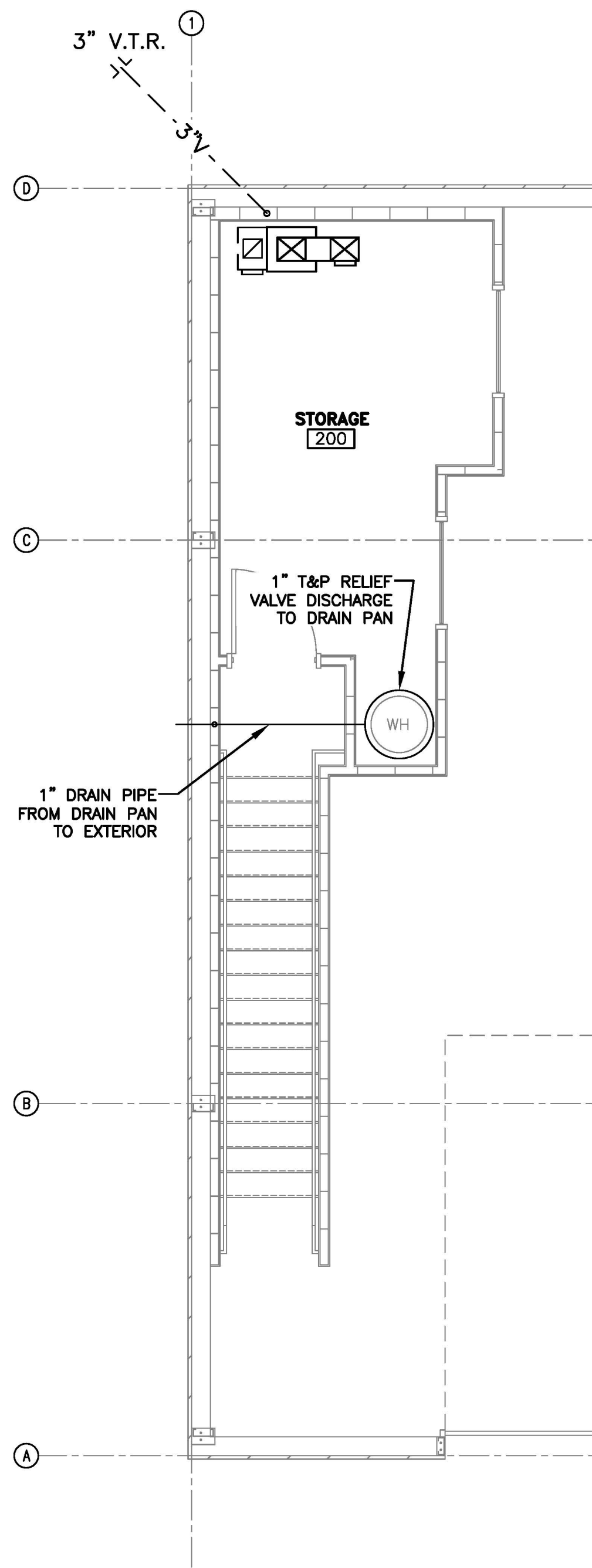


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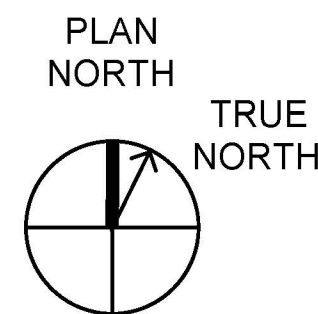
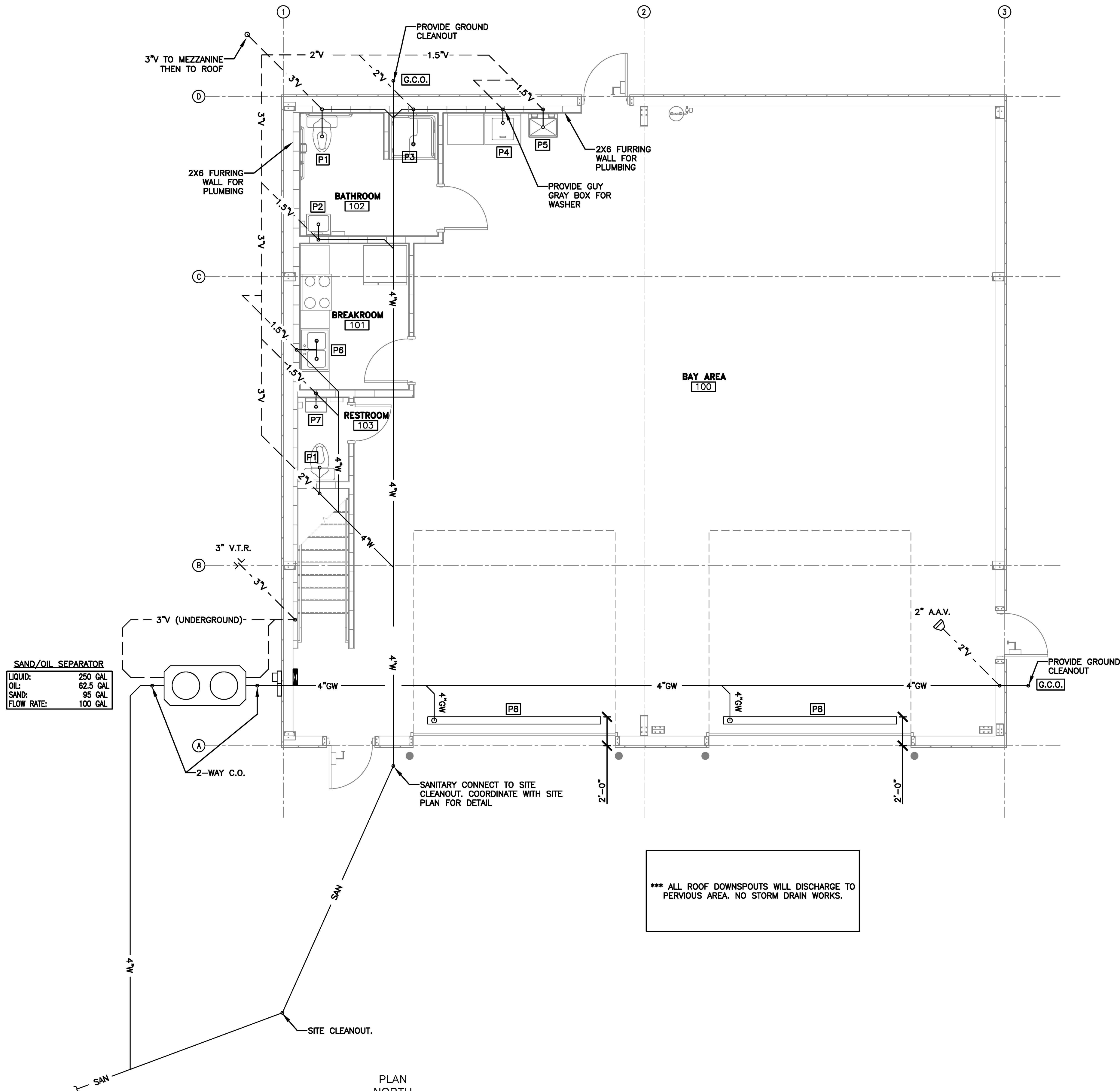




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Printed Date: 06/10/2025 - 10:35am



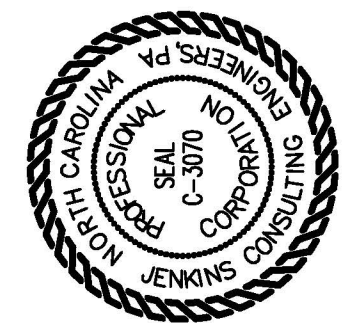
2 WASTE & VENT PLAN  
MEZZANINE  
SCALE: 1/4" = 1'-0"



1 WASTE & VENT PLAN  
SCALE: 1/4" = 1'-0"

\*\*\* ALL ROOF DOWNSPOUTS WILL DISCHARGE TO PERVIOUS AREA. NO STORM DRAIN WORKS.

PERMITTING STAMP



**JENKINS**  
CONSULTING ENGINEERS, PA  
OFFICE in EUREKA SPRINGS, NORTH CAROLINA  
1628 MARTIN RD. FAYETTEVILLE, NC 28411-1002  
910.822.1724



10 JULY 2025

DESIGNED / CHECKED BY:	BJ
DRAWN BY:	BT
PROJECT #:	2025-04-02.2
DATE:	10 JULY 2025

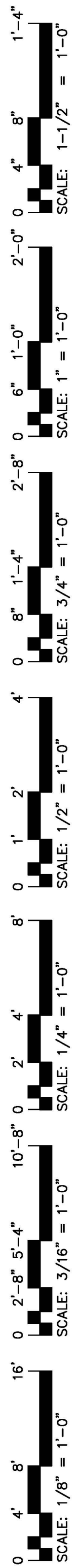
FINAL DRAWING [ ] FOR REVIEW PURPOSES ONLY	OWNER/TENANT:
PRELIMINARY [ ] FOR DESIGN DEVELOPMENT ONLY	LUIS TIRADO
FINAL DRAWING [ ] FOR CONSTRUCTION	3077 OLD US 421 LILINGTON, NC 27148
CONTRACTOR/BUILDER:	
IBD	

REV	DATE	DESCRIPTION
1	07/10/25	FINAL FOR CONS.

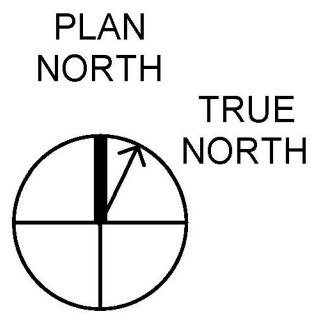
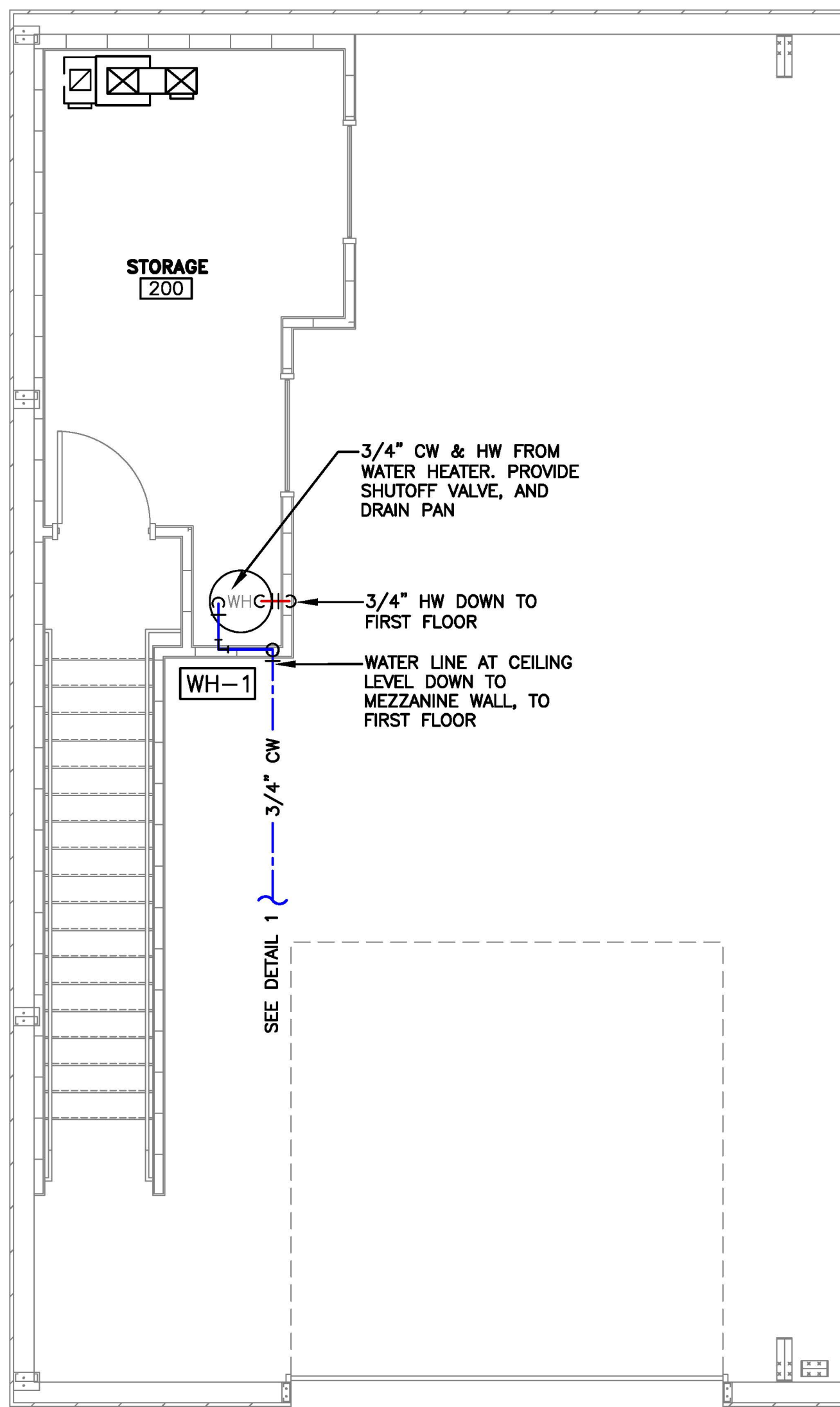
PROJECT: **TIRADO TRUCK SHOP**  
US 421 SOUTH, HARNETT COUNTY, NC  
SHEET: **PLUMBING - WASTE & VENT PLAN**

P2

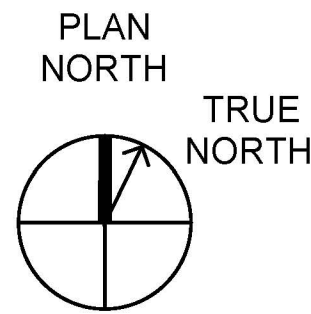
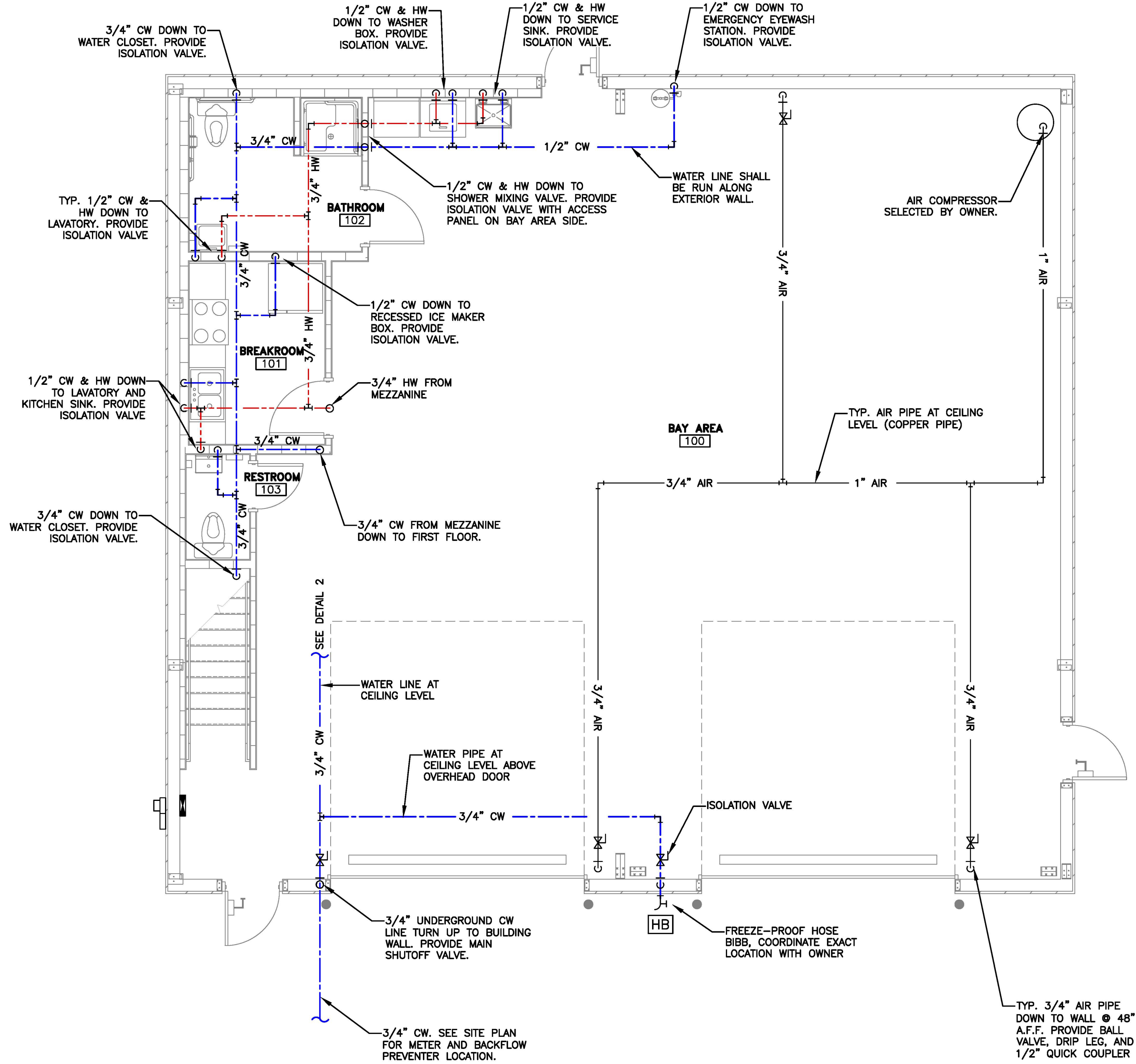
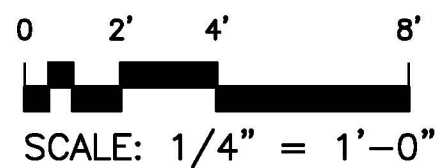




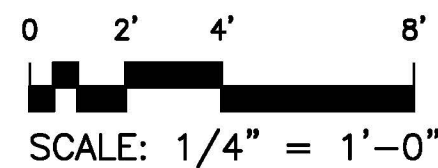
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Printed Date: Jun 11, 2025 - 1:33pm



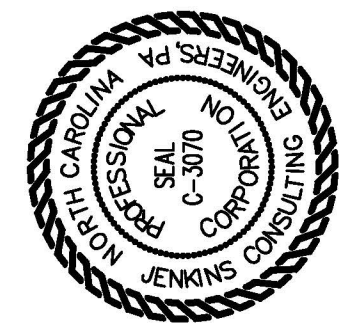
2 WATER PLAN  
P3 MEZZANINE



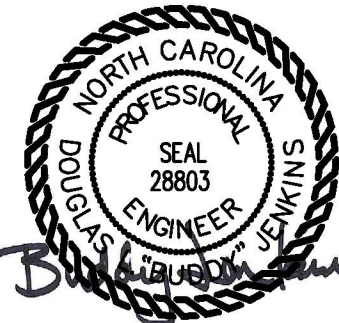
1 WATER & AIR PLAN  
P3 FIRST FLOOR



PERMITTING STAMP



**J. JENKINS**  
CONSULTING ENGINEERS, P.A.  
OFFICE IN EUREKA SPRINGS, NORTH CAROLINA  
1608 MARTIN RD. FAYETTEVILLE, NC 28411-1002  
910.822.1724



10 JULY 2025

DESIGNED / CHECKED BY:	BJ
DRAWN BY:	BT
PROJECT #:	2025-04-02.2
DATE:	10 JULY 2025

FINAL DRAWING <input type="checkbox"/> FOR REVIEW PURPOSES ONLY	OWNER/TENANT:
PRELIMINARY <input type="checkbox"/> FOR DESIGN DEVELOPMENT ONLY	LUIS TIRADO
FINAL DRAWING <input checked="" type="checkbox"/> FOR CONSTRUCTION	3077 OLD US 421 LILINGTON, NC 27446
CONTRACTOR/BUILDER:	
TBD	

REV	DATE	DESCRIPTION
1	07/10/25	FINAL FOR CONSTRUCTION

PROJECT: **TIRADO TRUCK SHOP**  
US 421 SOUTH, HARNETT COUNTY, NC

SHEET: **PLUMBING - WATER & AIR PLAN**

P3