

111 NASHVILLE HIGHWAY CONSTRUCTION DOCUMENTS

03/06/26

111 NASHVILLE HIGHWAY
COLUMBIA, TN 38401

BUILDING INFORMATION	
OWNER NAME	DEREK BELL
OWNER ADDRESS	5014 CENTENNIAL BLVD SUITE 200 NASHVILLE, TN 37209
OWNER PHONE	615-970-9611
SITE ADDRESS	111 NASHVILLE HIGHWAY COLUMBIA, TN 38401

DESCRIPTION	
RENOVATION OF AN EXISTING COMMERCIAL BUILDING INTO A WHITE-BOX FINISH-OUT FOR FUTURE TENANT USE.	

BUILDING CODES	
TITLE	EDITION
INTERNATIONAL BUILDING CODE	2024
INTERNATIONAL RESIDENTIAL CODE	2024
INTERNATIONAL ENERGY CONSERVATION CODE	2024
ICC/ANSI A-117.1 ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES	2017
INTERNATIONAL PLUMBING CODE	2024
INTERNATIONAL MECHANICAL CODE	2024
INTERNATIONAL FUEL GAS CODE	2024
INTERNATIONAL ELECTRICAL CODE	2024
INTERNATIONAL FIRE CODE	2024
LIFE SAFETY CODE (NFPA 101)	2024

GENERAL BUILDING HEIGHTS AND AREAS		
CONSTRUCTION TYPE	REQUIREMENTS	SECTION
TYPE VB		504
USE GROUP (EXISTING)	BUSINESS (B)	304.1
ALLOWABLE HEIGHT	40 FT / 2-STORY	TABLES 504.3 & 504.4
HEIGHT MODIFICATION	NO CHANGE	
ACTUAL HEIGHT	19'-3"	
ALLOWABLE AREA	9,000 SF	TABLE 506.2
ALLOWABLE AREA INCREASE FOR OPEN PERIMETER	N/A	
ACTUAL FLOOR AREA	4,903 SF	

EXISTING BUILDING CODE CLASSIFICATION & REQUIREMENTS		
BUILDING CHANGE OF USE (PREVIOUSLY B)	REQUIREMENTS	SECTION
	NO CHANGE	
CLASSIFICATION OF WORK	ALTERATION L-3	IEBC 604.1
MEANS OF EGRESS FOR CHANGE TO AN EQUAL OR LOWER-HAZARD CATEGORY	N/A	IEBC 1011.5.2
HEIGHT & AREA FOR CHANGE TO AN EQUAL OR LESSER-HAZARD CATEGORY	N/A	IEBC 1011.6.2
ACCESSIBILITY FOR EXISTING BUILDINGS ONLY WHERE TECHNICALLY FEASIBLE	NO ALTERATIONS TO PRIMARY FUNCTIONS	IEBC 306.7.1
ACCESSIBLE MEANS OF EGRESS	NOT REQUIRED	IEBC 306.7.2

TYPES OF CONSTRUCTION		
CONSTRUCTION TYPE	REQUIREMENTS	SECTION
VB		402.2
PRIMARY STRUCTURAL FRAME	0 HRS	TABLE 601
BEARING WALLS - EXTERIOR	0 HRS	
BEARING WALLS - INTERIOR	0 HRS	
NON-BEARING WALLS & PARTITIONS - EXTERIOR	0 HRS	TABLE 601
NON-BEARING WALLS & PARTITIONS - INTERIOR	0 HRS	
FLOOR CONSTRUCTION & ASSOC SECONDARY MEMBERS	0 HRS	
ROOF CONSTRUCTION & ASSOC SECONDARY MEMBERS	0 HRS	

INTERIOR FINISHES		
INTERIOR EXIT STAIRWAYS & RAMPS & EXIT PASSAGEWAYS	REQUIREMENTS	SECTION
CLASS A		TABLE 803.13
CORRIDORS & ENCLOSURE FOR EXIT ACCESS STAIRWAYS & RAMPS	CLASS B	
ROOMS & ENCLOSED SPACES	CLASS C	
FINISH FLOOR	CLASS II	804.4.2

FIRE PROTECTION SYSTEMS		
SPRINKLER AND STANDPIPE SYSTEMS	REQUIREMENTS	SECTION
NOT REQUIRED		SECTION 903
FIRE EXTINGUISHERS	REQUIRED, CLASS A	TABLE 906.3(1)
FIRE ALARM SYSTEM	75 FT	
FIRE COMMAND PANEL	11,250	
MANUAL FIRE ALARM SYSTEM	NOT REQUIRED	907.2.2

MEANS OF EGRESS		
MAX. FLOOR AREA ALLOWANCE PER OCCUPANT	REQUIREMENTS	SECTION
B-150		TABLE 1004.5
BUSINESS	4,903 SF / 150 = 32.68	
TOTAL OCCUPANTS	33 OCCUPANTS	
SPACES W/ ONE EXIT	49 MAX OCCUPANTS	TABLE 1006.2.1
COMMON PATH OF EGRESS	100 FT	TABLE 1006.2.1
EXIT ACCESS TRAVEL DISTANCE	200 FT	TABLE 1017.2

DOOR MIN. CLEAR OPENING	32" W X 80" H	1010.11
DIRECTION OF SWING	DIRECTION OF TRAVEL FOR + 50 OCCPS	1010.12.1
CORRIDORS		
EGRESS CAPACITY FACTOR	0.2 INCH PER OCCP	1005.3.2
FIRE RESISTANCE RATING	0 HRS	TABLE 1020.2
MINIMUM CORRIDOR WIDTH	36 INCHES	TABLE 1020.3
DEAD ENDS (B)	20 FT	1020.5

REQUIRED PLUMBING FIXTURES		
33 OCCUPANTS = 17 MALE & 17 FEMALE	REQUIREMENTS	SECTION
WATER CLOSETS	17/25 = 0.68 = 1M & 1F	TABLE 2902.1
LAVATORIES	17/40 = 0.43 = 1M & 1F	
WATER FOUNTAINS	33/100 = 0.33 = 1 REQUIRED	
SERVICE SINKS	1 REQUIRED	

ENERGY CODE		
BUILDING THERMAL ENVELOPE	REQUIREMENTS	SECTION
NO CHANGE TO BUILDING ENVELOPE		IECC C503.2.4, C505.2.1 EXCEPTION 2
EXPOSED WALL CAVITIES	FILL W/ CAVITY INSULATION PER C303.1.4	IECC C503.2.4, ITEM 1
ENERGY USE INTENSITIES	NOT REQUIRED, $-5,000\text{ SF}$	IECC C505.2 EXCEPTION 2



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CONSTRUCTION DOCUMENTS
DATE: 03/06/26
DRAWN BY: Author
PROJECT NO: 2554

GENERAL NOTES:

NOTE: SOME OF THE NOTES BELOW MAY NOT APPLY IF WORK IS NOT BEING PERFORMED IN THOSE AREAS. I.E. NEW DOORS.

- 1. THE "GENERAL CONDITIONS OF THE CONTRACT FOR CONSTRUCTION," AIA DOCUMENT A201, 1987 EDITION, GOVERNS THIS WORK, UNLESS OTHERWISE NOTED. MOST STRINGENT REQUIREMENTS PREVAIL.
2. INVESTIGATE FIELD CONDITIONS AND ASCERTAIN THAT WORK IS FEASIBLE AS SHOWN. NOTIFY THE ARCHITECT IMMEDIATELY OF ANY PROBLEMS WITH FIELD CONDITIONS PRIOR TO THE SUBMISSION OF A BID.
3. IMMEDIATELY ANALYZE CONTRACT DOCUMENTS AND REPORT IN WRITING ANY INCONSISTENCIES DISCOVERED THEREIN. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY INEFFECTIVE WORK CAUSED BY PROCEEDING WITH WORK WHERE INCONSISTENCIES OR DISCREPANCIES ON THE DRAWINGS OCCUR AND A CLARIFICATION FROM THE ARCHITECT IS NOT SOUGHT.
4. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS SHOWN ON DRAWINGS AT THE JOB SITE AND SHALL NOTIFY ARCHITECT OF ANY DISCREPANCIES, OMISSIONS, AND/OR CONFLICTS BEFORE PROCEEDING WITH THE JOB.
5. CONTRACTOR SHALL COMPLY WITH RULES AND REGULATIONS OF AGENCIES HAVING JURISDICTION AND SHALL CONFORM TO ALL CITY, COUNTY, STATE, AND FEDERAL CONSTRUCTION, SAFETY, AND SANITARY LAWS, CODES STATUTES, AND ORDINANCES. ALL FEES, TAXES, PERMITS, APPLICATIONS, AND CERTIFICATES OF INSPECTION, AND THE FILING OF ALL WORK WITH GOVERNMENTAL AGENCIES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
6. ALL WORK SHALL BE PERFORMED BY SKILLED AND QUALIFIED WORKERS IN ACCORDANCE WITH THE BEST PRACTICES OF THE TRADES INVOLVED, AND IN COMPLIANCE WITH BUILDING REGULATIONS AND/OR GOVERNMENTAL LAWS, STATUTES & ORDINANCES.
7. EACH TRADE WILL PROCEED IN A FASHION THAT WILL NOT DELAY THE TRADES FOLLOWING THEM. ANY TRADE PERFORMING WORK BASED ON SATISFACTORY COMPLETION OF WORK BY A PRIOR TRADE ACCEPTS RESPONSIBILITY FOR THE READINESS OF THE PRIOR WORK. EACH TRADE SHALL BE RESPONSIBLE FOR COORDINATING ANY EXISTING, HIDDEN AND/OR EXPOSED WORK WITH OTHER TRADES.
8. GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL OVERTIME COSTS.
9. CONTRACTORS SHALL BE RESPONSIBLE FOR THE DISTRIBUTION OF CURRENT DRAWINGS TO ALL TRADES UNDER THEIR JURISDICTION AND SHALL COORDINATE THE WORK INCLUDED IN THE APPLICABLE ARCHITECTURAL, CIVIL &/OR LANDSCAPE ARCHITECTURAL, STRUCTURAL, MECHANICAL, ELECTRICAL, PLUMBING, AND EQUIPMENT CONSTRUCTION DOCUMENTS WITH THE VARIOUS CONTRACTORS AND SUBCONTRACTORS INVOLVED.
10. ALL WORK SHALL BE ERECTED AND INSTALLED PLUMB, LEVEL, SQUARE, TRUE, AND/OR IN PROPER ALIGNMENT WITH EXISTING SURFACES.
11. ALL MATERIALS SHALL BE NEW, UNUSED, AND OF THE HIGHEST QUALITY IN EVERY RESPECT, UNLESS OTHERWISE NOTED. MANUFACTURED MATERIALS AND EQUIPMENT SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS AND INSTRUCTIONS. ALL PRODUCTS AND EQUIPMENT SHALL BE DELIVERED IN UNDamAGED CONDITION AND STORED IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS TO AVOID DISRUPTION OF THE WORK OR DAMAGE TO THE ITEMS. REPLACE DamAGED OR UNFIT MATERIALS AT NO COST TO THE OWNER.
12. THE COMPLETED BUILDING ENVELOPE, ROOF, WALLS, FLOORS, DOORS, WINDOWS, AND OTHER BUILDING ENVELOPE PENETRATIONS SHALL BE AIRTIGHT, DRY, AND FREE OF LEAKS. BUILDING ENVELOPE WEATHERPROOFING SYSTEMS SHALL BE INSTALLED IN A "SHINGLED" MANNER SO THAT ANY WATER THAT PENETRATES THE FINISH MATERIAL WILL BE DIRECTED TO AND WILL DRAIN TO THE OUTSIDE. JOINTS AND CRACKS SHALL BE AIR SEALED. IF THE CONTRACTOR HAS ANY QUESTIONS OR CONCERNS REGARDING THE FITNESS OF ANY MATERIAL OR SYSTEM SPECIFIED IN THE CONTRACT DOCUMENTS, THE ARCHITECT SHALL BE NOTIFIED PRIOR TO INSTALLATION OF THE SYSTEMS OR PRODUCTS IN QUESTION.
13. EXAMINE SPECIFIED PRODUCTS AND SUBMIT ANY WRITTEN EXCEPTION OR OBJECTIONS, OR BOTH, WITH ANALYSIS AND RECOMMENDATIONS WITH BID COSTS.
14. PROVIDE SHOP DRAWINGS, PRODUCT DATA, SAMPLES, ETC. FOR FINISHES, LIGHTING & PLUMBING FIXTURES, MILLWORK & HARDWARE ETC. REVIEW STAMP AND SIGN PRIOR TO SUBMISSION; FOR DRAWING SUBMITTALS, SUBMIT ONE LARGE - SCALE REPRODUCIBLE TRANSPARENT AND TWO PRINTS, CLEARLY SHOWING AND IDENTIFYING COMPONENTS AN THEIR ASSEMBLY; MINIMUM SHEET SIZE 12 X 24 INCHES; MAXIMUM SHEET SIZE 30 X 42 INCHES. ALLOW SPACE FOR ARCHITECT STAMP. ARCHITECT WILL NOT REVIEW SUBMITTALS NOT PREVIOUSLY REVIEWED AND STAMPED BY CONTRACTOR.
15. NO NOTE BY THE ARCHITECT ON A SHOP DRAWING OR SUBMITTAL SHALL BE CONSIDERED AS AN AUTHORIZATION FOR AN INCREASE IN CONTRACT AMOUNT. SHOULD THE CONTRACTOR OR SUPPLIER CONSIDER AN INCREASE WARRANTED, HE SHOULD NOTIFY THE ARCHITECT IN WRITING BEFORE PROCEEDING.
16. DO NOT LOAD STRUCTURES WITH UNUSUAL OR INCREASED LOADS FROM STORAGE OF MATERIALS DURING CONSTRUCTION.
17. CONTRACTOR WILL NOT BE RELIEVED OF RESPONSIBILITY FOR DEVIATIONS FROM REQUIREMENTS OF THE CONTRACT DOCUMENTS OR FOR ERRORS AND OMISSIONS BY ARCHITECTS APPROVAL OF SHOP DRAWINGS AND SUBMITTALS UNLESS THE CONTRACTOR HAS NOTIFIED THE ARCHITECT IN WRITING OF SUCH DEVIATIONS AT THE TIME OF SUBMISSION AND THE ARCHITECT HAS GIVEN WRITTEN APPROVAL TO THE SPECIFIC DEVIATIONS.
18. ANY CHANGE WHICH RESULTS IN EXTRA COST SHALL NOT PROCEED WITHOUT WRITTEN AUTHORIZATION BY OWNER.
19. THE ARCHITECT AND/OR OWNER SHALL BE INCLUDED IN ALL MEETINGS OR CORRESPONDENCE REGARDING COSTS OF THE PROJECT AND SHALL RECEIVE COPIES OF ALL COST PROPOSALS, CONTRACTS, OR CHANGE ORDERS.
20. WHERE A COMPLEX ASSEMBLY INVOLVING SEVERAL TRADES IS CALLED FOR ON THE DRAWINGS, SUBMIT A SHOP DRAWING SHOWING THE PROPOSED INTERACTION OF ALL THE RELATED ELEMENTS FOR THE ARCHITECTS REVIEW. THIS SHOULD INCLUDE REVISIONS TO EXISTING HVAC LAYOUT & EQUIPMENT. CONTRACTOR IS RESPONSIBLE FOR THE PROPER OPERATION OF ALL SYSTEMS.
21. PRICE, PROVIDE AND INSTALL ALL ITEMS AND LABOR ASSEMBLY, SUCH AS REQUIRED STRUCTURE, BRACING, ACCESS PANELS, JUNCTION BOXES, ITEMS CALLED FOR IN MANUFACTURER'S LITERATURE, ETC.
22. THERE SHALL BE NO SUBSTITUTION OF MATERIALS WHERE A MANUFACTURER IS SPECIFIED. WHERE THE TERMS "EQUAL TO" OR "APPROVED EQUAL" ARE USED, THE ARCHITECT SHALL DETERMINE EQUALITY BASED ON INFORMATION SUBMITTED BY THE CONTRACTOR.
23. THE BURDEN OF PROOF FOR THE ADEQUACY OF A PROPOSED SUBSTITUTION FALLS ON THE CONTRACTOR. SHOULD A SUBSTITUTED PRODUCT FAIL TO PERFORM FOR ANY REASON WHERE THE ORIGINALLY SPECIFIED PRODUCT WOULD HAVE SUFFICED, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY REQUIRED TESTING TO CERTIFY CONFORMANCE WITH PROJECT REQUIREMENTS AND SHALL PERFORM ALL THE NECESSARY WORK TO REINCORPORATE THE ORIGINAL PRODUCT AT NO ADDITIONAL CHARGE.
24. ALL MATERIALS SUCH AS CONCRETE, STEEL, STRUCTURAL WOOD FRAMING, ETC. SHALL BE PROVIDED AND INSTALLED IN ACCORDANCE WITH THEIR RESPECTIVE INDUSTRY QUALITY CONTROL STANDARDS SUCH AS ACI, APA, ETC.
25. CONTRACTOR SHALL BE RESPONSIBLE FOR CUTTING AND PATCHING REQUIRED FOR HIS WORK.
26. PROTECT THE BUILDING, ITS SYSTEMS, FINISHES, AND RELATED APPURTENANT ITEMS SO AS NOT TO CAUSE DAMAGE DERIVED FROM THE WORK, INCLUDING PROTECTING ADJACENT INTERIOR AND EXTERIOR AREAS FROM DUST AND DAMAGE.
27. CONTRACTOR SHALL AT ALL TIMES KEEP THE PREMISES FREE OF ACCUMULATION OF WASTE MATERIALS OR RUBBISH AND SHALL CLEAN UP AT THE END OF EACH WORK DAY. ALL RUBBISH SHALL BE REMOVED FROM THE SITE - COORDINATE WITH LANDLORD. AT THE COMPLETION OF WORK, LEAVE THE JOB SITE FREE OF ALL MATERIALS THEN DUSTED, BROOM SWEEP, VACUUMED AND MOPPED CLEANED, INCLUDING ALL FLOORS, WALLS, CEILINGS, TRIM MILLWORK, GLASS AND MIRRORS.
28. DO NOT SCALE DRAWINGS; DIMENSIONS GOVERN. LARGER SCALE DRAWINGS SHALL GOVERN SMALLER SCALE. WRITTEN WORD SHALL BE COMPLEMENTARY WITH DRAWINGS. CLARIFY ANY QUESTIONS PRIOR TO CONSTRUCTION AS SOON AS THEY BECOME APPARENT.
29. PROGRESS PAYMENTS WILL BE BASED ON MONTHLY VALUATION OF ACCEPTABLE WORK COMPLETED AND ACCEPTABLE MATERIAL SUITABLY STORED AT SITE.
30. NO PROGRESS PAYMENTS WILL BE DUE THE CONTRACTOR AFTER CONTRACT TIME HAS BEEN EXCEEDED UNTIL THE FINAL PAYMENT IS MADE.
31. INSURANCE SHALL BE MAINTAINED BY THE CONTRACTOR AS REQUIRED BY STATUTE AND BY THE OWNER AND/OR LANDLORD. PROVIDE CERTIFICATE OF INSURANCE SHOWING AT LEAST THE FOLLOWING MINIMUM COVERAGES FOR LIABILITY AND BODILY INJURY: EACH OCCURRENCE - \$1,000,000. AGGREGATE - \$2,000,000. PERSONAL INJURY - \$50,000 AND PROPERTY DAMAGE, FIRE, INSURANCE, THEFT AND VANDALISM TO COVER FULL REPLACEMENT VALUE. VERIFY WITH OWNER AND LANDLORD AMOUNTS AN TYPES.
32. CONTRACTOR SHALL INCLUDE IN THE CONTRACT SUM ALL ALLOWANCES ESTABLISHED WITH ARCHITECT. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO INCLUDE ANY ITEMS NOT SPECIFIED THAT NEED TO BE CONSIDERED WITHIN THE ALLOWANCE SECTION.
33. UPON COMPLETION OF WORK THE CONTRACTOR SHALL WALK THROUGH WITH ARCHITECT AND/OR OWNER AND COMPLE A "PUNCH LIST" OF CORRECTIONS AND UNSATISFACTORY AND/OR INCOMPLETE WORK. FINAL PAYMENT WILL BE CONTINGENT UPON THE COMPLETION OF THESE ITEMS. ANY COSTS FOR ARCHITECTURAL SERVICES REQUIRED FOR ADDITIONAL PUNCH LISTS DUE TO THE FAILURE OF THE CONTRACTOR TO SATISFACTORY COMPLETE ITEMS ON THE INITIAL LIST SHALL BE DEDUCTED FROM THE CONTRACT AMOUNT.
34. UPON COMPLETION OF CONSTRUCTION SUBMIT THE FOLLOWING CLOSE-OUT DOCUMENTS: MAINTENANCE AND OPERATIONS MANUAL FOR ALL EQUIPMENT, ETC. CONSENT OF SURETY TO FINAL PAYMENT, AIA FORM G107. CONTRACTORS AFFIDAVIT OF RELEASE OF LIEN, AIA FORM G706a. CONTRACTORS AFFIDAVIT OF PAYMENTS OF DEBTS AND CLAIMS, AIA FORM G706. RELEASE OF LIENS FROM ALL SUBCONTRACTORS AND SUPPLIERS WITH CONTRACT AMOUNT OF \$1000 OR MORE. ALL WARRANTIES AND GUARANTEES FOR A MINIMUM OF ONE (1) YEAR FROM THE DATE OF FINAL ACCEPTANCE OF THE WORK, EXCEPT IN THE CASE OF LONGER MANUFACTURERS' WARRANTIES. CERTIFICATE OF OCCUPANCY
35. *TYPICAL* MEANS IDENTICAL TO ALL SIMILAR CONDITIONS, UNLESS OTHERWISE NOTED.
36. *SIMILAR* MEANS COMPARABLE CHARACTERISTICS FOR THE CONDITIONS NOTED. VERIFY DIMENSIONS AND ORIENTATION ON PLANS AND ELEVATIONS

GENERAL NOTES (CONTINUED):

- 37. *ALIGN* MEANS TO ACCURATELY LOCATE FINISHED FACES IN SAME PLANE.
38. CONTRACTOR SHALL COMPLY WITH THE RULES AND REGULATIONS OF THE BUILDING, INCLUDING HOURS OF AVAILABILITY OF LOADING DOCKS AND ELEVATORS FOR THE PURPOSES OF DELIVERY, THE MANNER OF HANDLING MATERIALS, EQUIPMENT, AND DEBRIS TO AVOID COLLISION AND INTERFERENCE WITH NORMAL BUILDING OPERATIONS AND ANY OTHER GUIDELINES ESTABLISHING LANDLORDS TENANT CRITERIA.
39. FURNISH ALL TEMPORARY FACILITIES AND ALL TEMPORARY UTILITIES NEEDED TO PERFORM THE WORK AND TO MAINTAIN TEMPERATURE AND HUMIDITY LEVELS REQUIRED BY INDUSTRY AND/OR MANUFACTURER'S STANDARDS.
40. VERIFY IF THE OWNER OR THE OWNER'S SUBCONTRACTORS AND THE LANDLORD NEED TO OCCUPY PORTIONS OF THE PROJECT DURING CONSTRUCTION. COORDINATE AND COOPERATE WITH THE OWNER TO MINIMIZE CONFLICT AND FACILITATE THE OWNER'S OPERATION.
41. PROVIDE SECURITY FOR TOOLS AND UNINSTALLED MATERIALS. PROTECT THE WORK, STORED PRODUCTS, CONSTRUCTION EQUIPMENT AND OWNER'S PROPERTY FROM THEFT AND VANDALISM AND THE PREMISES FROM ENTRY BY UNAUTHORIZED PERSONNEL UNTIL FINAL ACCEPTANCE BY OWNER.
42. MAINTAIN ACTIVE FIRE EXTINGUISHERS AT THE PROJECT THROUGHOUT ALL PHASES OF CONSTRUCTION AND THAT WILL MEET SAME SPACINGS REQUIREMENTS FOR PERMANENT FIRE EXTINGUISHER LOCATIONS - SUCH THAT OCCUPANTS ARE ALWAYS WITHIN 75' OF AN EXTINGUISHER. INCLUDE COST OF RECESSED EXTINGUISHER CABINETS AND EXTINGUISHERS APPROVED BY NFPA FOR THIS OCCUPANCY CLASSIFICATION.
43. THE BUILDING ENVELOPE SHALL BE MAINTAINED IN A WATERTIGHT CONDITION AT ALL TIMES.
44. PRODUCTS MANUFACTURED BY GEORGIA PACIFIC, ANY OF ITS SUB-GROUPS OR SUBSIDIARIES ARE NOT ALLOWED UNLESS SPECIFICALLY APPROVED BY THE ARCHITECT.
45. ALL WORK DURING CONSTRUCTION OR DEMOLITION MUST COMPLY WITH CHAPTER 14 OF THE 2024 INTERNATIONAL FIRE CODE AND NFPA 241 2024 EDITION.
46. APPROVED SET OF PLANS TO BE KEPT ON JOB SITE AT ALL TIMES.
47. ANY CHANGES OR VARIANCES FROM APPROVED PLANS MUST BE SUBMITTED TO CITY OF NASHVILLE OFFICE FOR REVIEW AND APPROVAL, PRIOR TO ANY WORK COMMENCING. AFTER APPROVAL, ALL CHANGES TO BE FORWARDED TO GENERAL CONTRACTOR IN FIELD.
48. ALL EMERGENCY LIGHTING, EXIT SIGNS AND OTHER FIRE SAFETY EQUIPMENT SHALL COMPLY WITH REQUIREMENTS OF THE FIRE MARSHAL, 2024 INTERNATIONAL FIRE CODE & 2024 IBC.
49. ALL INTERIOR FINISHES, SMOKE DEVELOPMENT, FLAME SPREAD RATINGS, ETC., SHALL COMPLY WITH CHAPTER 8 OF THE 2024 INTERNATIONAL BUILDING CODE.
50. DOOR HARDWARE SHALL COMPLY WITH 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN.
51. ALL CONSTRUCTION ACTIVITIES SHALL BE COMPLETED IN FULL COMPLIANCE WITH AMERICANS WITH DISABILITIES ACT, ARCHITECTURAL AND TRANSPORTATION BARRIERS COMPLIANCE BOARD, FEDERAL REGISTER 34 CFR PARTS 1190 AND 1191 & ICC/ANSI ACCESSIBILITY GUIDELINES
52. ALL PENETRATIONS THROUGH FIRE WALLS MUST BE UL FIRE PROTECTED TO MAINTAIN RATING.
53. ALL BUILDING/PLUMBING/MECHANICAL & ELECTRICAL WORK REQUIRES PERMITS AND ALL PEOPLE DURING WORK, AS WELL AS SUBCONTRACTORS, WILL NEED TO BE PROPERLY LICENSED W/ THE STATE OF TENNESSEE.
54. BEFORE A CERTIFICATE OF OCCUPANCY CAN BE ISSUED FOR THE PROJECT, ALL FINAL INSPECTIONS MUST BE MADE AND APPROVED INCLUDING BUILDING, PLUMBING, GAS/MECHANICAL & REFRIGERATION, ZONING AND ELECTRICAL.
55. ALL SPRINKLER WORK TO BE PERFORMED BY A LICENSED SPRINKLER CONTRACTOR. ANY MODIFICATIONS TO SPRINKLER SYSTEM REQUIRE SHOP DRAWINGS FOR REVIEW.
56. ALL ELECTRICAL AND LOW VOLTAGE CABLE WORK PERFORMED IN OR ABOVE PLENUM CEILING MUST BE PLENUM RATED.
57. CONTRACTORS SHALL BE RESPONSIBLE FOR THE DISTRIBUTION OF CURRENT DRAWINGS TO ALL TRADES UNDER THEIR JURISDICTION AND SHALL COORDINATE THE WORK INCLUDED IN THE APPLICABLE ARCHITECTURAL, CIVIL &/OR LANDSCAPE ARCHITECTURAL, STRUCTURAL, MECHANICAL, ELECTRICAL, PLUMBING, AND EQUIPMENT CONSTRUCTION DOCUMENTS WITH THE VARIOUS CONTRACTORS AND SUBCONTRACTORS INVOLVED.
58. PER IBC SECTION - 1404.2 WATER-RESISTIVE BARRIER

A MINIMUM OF ONE LAYER OF NO.15 ASPHALT FELT, COMPLYING WITH ASTM D 226 FOR TYPE 1 FELT OR OTHER APPROVED MATERIALS, SHALL BE ATTACHED TO THE STUDS OR SHEATHING, WITH FLASHING AS DESCRIBED IN SECTION 1404.4, IN SUCH A MANNER AS TO PROVIDE A CONTINUOUS WATER-RESISTIVE BARRIER BEHIND THE EXTERIOR WALL VENEER.

FLASHING SHALL BE INSTALLED IN SUCH A MANNER SO AS TO PREVENT MOISTURE FROM ENTERING THE WALL OR TO REDIRECT IT TO THE EXTERIOR. FLASHING SHALL BE INSTALLED AT THE PERIMETERS OF EXTERIOR DOOR AND WINDOW ASSEMBLIES, PENETRATIONS AND TERMINATIONS OF EXTERIOR WALL ASSEMBLIES, EXTERIOR WALL INTERSECTIONS WITH ROOFS, CHIMNEYS, PORCHES, DECKS, BALCONIES AND SIMILAR PROJECTIONS AND AT BUILT-IN GUTTERS AND SIMILAR LOCATIONS WHERE MOISTURE COULD ENTER THE WALL. FLASHING WITH PROJECTING FLANGES SHALL BE INSTALLED ON BOTH SIDES AND THE ENDS OF COPINGS, UNDER SILLS AND CONTINUOUSLY ABOVE PROJECTING TRIM.

DEMO NOTES:

- 1. REMOVE EXISTING CONSTRUCTION AS NOTED. TYPICAL WALL REMOVAL INCLUDES FINISHES, DOORS, DOOR FRAMES, WINDOWS AND WINDOW FRAMES, CASEWORK AND FIXTURES AS REQUIRED.
2. REPAIR DAMAGE AND REPLACE REMOVED SURFACE MATERIALS TO MATCH ADJACENT SURFACES IN FLOORS, WALLS AND CEILINGS, ETC. TO REMAIN. PATCH ADJOINING WALLS, FLOOR AND DECK, AND PREPARE FOR NEW FINISH PER FINISH SCHEDULE OR PATCH TO MATCH EXISTING CONDITIONS.
3. DURING DEMOLITION, CONTRACTOR SHALL BRACE AND SUPPORT ALL EXISTING STRUCTURES AS NEEDED. JOB SITE SAFETY SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
4. CONTRACTOR SHALL NOT CUT STRUCTURAL WORK IN ANY MANNER WHICH RESULTS IN A REDUCTION OF LOAD CARRYING CAPACITY. NOTIFY ARCHITECT OF ALL STRUCTURAL CUTS PRIOR TO EXECUTION.
5. DEMOLISHED MATERIAL, NOT OTHERWISE DESIGNATED BY THE DRAWINGS OR OWNER'S REPRESENTATIVE, SHALL BE CONSIDERED PROPERTY OF THE CONTRACTOR AND SHALL BE COMPLETELY REMOVED FROM THE JOB SITE AND DISPOSED OF IN A LAWFUL MANNER.
6. IN THE EVENT OF DEMOLITION OF ITEMS NOT SCHEDULED TO BE DEMOLISHED, PROMPTLY REPLACE SUCH ITEMS AT NO ADDITIONAL COST TO THE OWNER.
7. WHEN REMOVING EXISTING FLOOR MATERIALS, CLEAN FLOOR TO SLAB. REMOVE ALL BLUE ETC. TO SLAB OR SUBFLOOR, EXCEPT AS NOTED. FULFILL MANUFACTURER'S SPECIFICATIONS FOR FLOOR PREP FOR INSTALLATION OF THEIR PRODUCT WHERE NEW MATERIALS ARE BEING INSTALLED.
8. NOTIFY THE ARCHITECT OF ANY UNFORESEEN CONDITIONS THAT ARE EXPOSED OR DISCOVERED AS EXISTING CONDITIONS ARE EXPOSED.
9. THESE DRAWINGS HAVE BEEN DEVELOPED FROM RECORD DRAWINGS AND MAY NOT REFLECT EXISTING FIELD CONDITIONS. THE CONTRACTOR SHALL VERIFY THESE DRAWINGS WITH FIELD CONDITIONS AND SHALL NOTIFY THE ARCHITECT IN WRITING OF ANY INCONSISTENCIES BETWEEN THE DRAWINGS AND ACTUAL CONDITIONS.
10. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT IN WRITING OF ANY WORK DESCRIBED IN THE CONTRACT DOCUMENTS WHICH CANNOT BE PERFORMED DUE TO EXISTING FIELD CONDITIONS, EVEN THOUGH THE EXISTING CONDITIONS ARE DRAWN CORRECTLY ON THE PLANS.
11. IF EXISTING FIREPROOFING OR FIRE ASSEMBLIES TO REMAIN ARE DAMAGED DURING DEMOLITION, THEY SHALL BE REPAIRED TO MEET ORIGINAL FIRE PROTECTION REQUIREMENTS.
12. DEMOLITION OF THE WORK SHALL BE EXECUTED IN CONFORMANCE WITH APPLICABLE BUILDING CODES AND REGULATIONS.
13. THE BUILDING ENVELOPE SHALL BE MAINTAINED IN A WATERTIGHT CONDITION AT ALL TIMES.
14. USE MEANS NECESSARY TO PREVENT DUST FROM BECOMING A NUISANCE TO THE PUBLIC, TO NEIGHBORS AND TO OTHER WORK BEING PERFORMED ON OR NEAR THE SITE.
15. CONTRACTOR SHALL COORDINATE THE UNAVOIDABLE DISRUPTION OF PLUMBING SERVICE WITH THE OWNER'S REPRESENTATIVE WHEN THE PIPING TO BE DEMOLISHED IS DISCONNECTED FROM THE EXISTING PLUMBING SERVICE LINES, WHICH SHALL REMAIN.
16. CONTRACTOR SHALL OBTAIN ALL PERMITS REQUIRED FOR EXECUTION OF THE WORK.
17. THESE DEMOLITION DOCUMENTS ANTICIPATE THAT NO ASBESTOS WILL BE ENCOUNTERED. IN THE EVENT ASBESTOS IS ENCOUNTERED, NOTIFY THE ARCHITECT IMMEDIATELY.
18. REPAIR DAMAGE AND REPLACE REMOVED SURFACE MATERIALS TO MATCH ADJACENT SURFACES IN FLOORS, WALLS AND CEILINGS, ETC. TO REMAIN. PATCH ADJOINING WALLS, FLOOR AND DECK, AND PREPARE FOR NEW FINISH PER FINISH SCHEDULE OR PATCH TO MATCH EXISTING CONDITIONS. CMU PATCH WORK SHALL MATCH EXISTING TYPE AND IS TO BE TOOTHED IN TO EXISTING CMU.

FINISH NOTES:

- 1. CONFIRM DELIVERY DATES OF ALL FINISH MATERIALS AS APPLICABLE; INFORM THE ARCHITECT IN WRITING OF ANY PROBLEM WITH SCHEDULE.
2. SUBMIT TO THE ARCHITECT FOR REVIEW PRIOR TO APPLICATION THREE APPROXIMATELY 8.5 X 11 INCH SAMPLES OF ALL FINISHES. APPLY FINISH SAMPLES TO SAME MATERIALS AS OCCUR IN FIELD.
3. SUBMIT EVIDENCE, WITH FINISH SAMPLES, OF THEIR COMPLIANCE WITH FIRE AND BUILDING CODES AND REGULATIONS IN RESPECT TO FLAME SPREAD, SMOKE AND OTHER RELATED SAFETY ISSUES; CONDUCT MATERIALS AND ASSEMBLIES TESTING AS APPLICABLE AND AS REQUIRED; AND ACQUIRE REGULATORY APPROVALS, AS APPLICABLE AND AS REQUIRED.
4. VERIFY COLORS WITH THE ARCHITECT IN FIELD PRIOR TO PAINT AND OTHER MATERIAL APPLICATION.
5. ALL WALL AND SOFFIT PAINT TO BE SATIN LATEX (OR EGGSHELL) FINISH. TRIM TO BE SEMI-GLOSS, CEILING TO BE FLAT FINISH, UNLESS OTHERWISE NOTED ON DRAWINGS.
6. TAPE AND SAND SMOOTH WITH NO VISIBLE JOINTS, EXISTING PARTITIONS AND OTHER VERTICAL AND HORIZONTAL SURFACES, AS APPLICABLE, SURFACES ARE TO BE FREE OF IMPERFECTIONS AND MARKINGS SUBJECT TO BLEED THROUGH.
7. REPAIR AND REFINISH EXISTING SURFACES TO REMAIN AS REQUIRED TO MATCH NEW CONSTRUCTION AND FINISHES, THIS INCLUDES, BUT IS NOT LIMITED TO, PARTITIONS, DOORS, FRAMES AND APPURTENANT AND RELATED ITEMS.
8. REPAIR, REFINISH AND PREPARE, AS APPLICABLE, EXISTING SURFACES TO RECEIVE NEW MATERIALS, THIS INCLUDES, BUT IS NOT LIMITED TO, FLOORING, BASE BUILDING PARTITIONS, FLOOR SLAB, CEILING, AND RELATED AND APPURTENANT ITEMS AS REQUIRED, UNLESS OTHERWISE NOTED.
9. INSTALL FLOORING PURSUANT TO MANUFACTURER'S INSTRUCTIONS. MOST STRINGENT REQUIREMENTS PREVAIL. PREPARE EXISTING FLOORING OR SLAB TO PREVENT TELEGRAPHING OF UNEVEN AREAS.
10. ALL EXPOSED SURFACES SHOULD BE FINISHED. WHERE FINISH IS MISSING OR UNCLEAR, VERIFY FINISH WITH ARCHITECT.
11. ALL SURFACES SHALL BE PROPERLY PREPARED PRIOR TO THE INSTALLATION OF PAINT; GWB WILL BE SPACKLED (MINIMUM THREE COATS) AND SANDED SMOOTH. APPLY USE FIRST COAT AT 1/4 GWB IN LIEU OF PRIMER.
12. PAINT SHALL BE APPLIED IN ACCORDANCE WITH MANUFACTURER'S DIRECTIONS OR PROPERLY PREPARED SURFACES, WITH A MINIMUM OF TWO FINISH COATS, UNLESS OTHERWISE RECOMMENDED BY MANUFACTURER'S SPECIFICATIONS. FINISH COAT SHALL ADEQUATELY COVER WITH NO STREAKING OR BLEEDING OF UNDERCOATS.
13. CLEAN ALL SURFACES TO BE PAINTED.
14. INSTALL LAMINATES ONLY WHEN RECEIVING SURFACES ARE IN SATISFACTORY CONDITION FOR INSTALLATION. REMOVE EXCESS ADHESIVE AND THEN CLEAN SURFACES USING MANUFACTURER'S RECOMMENDED SOLVENT AND CLEANING PROCEDURES. FILL IN ALL SEAMS WITH MANUFACTURER'S MATCHING SEAM COMPOUND.
15. USE ADHESIVES RECOMMENDED BY MANUFACTURER FOR THE PARTICULAR APPLICATION. INSTALL IN ACCORDANCE WITH MANUFACTURER'S MOST CURRENT PRINTED APPLICATION INSTRUCTION.
16. INSTALL WOODS AND PLASTICS IN CONFORMANCE WITH DETAILS AND MANUFACTURER'S WITH FOLLOWING REQUIREMENTS:

 - INSTALL ALL MATERIAL WITH TIGHT JOINTS.
 - MITER CASINGS AND MOLDINGS.
 - MAXIMUM RUNNING TRIM TO EXCEED TO 10'-0" MATCH GRAIN AND COLOR ADJACENT PIECES.
 - USE FINISH NAILS EXCEPT WHERE SCREWS ARE SPECIFICALLY CALLED FOR OR WHERE SCREWS ARE CONCEALED.
 - SET FASTENERS IN FINISHED WOOD SURFACES FOR PUTTING.
 - WHERE VISIBLE, SCREW ATTACHMENT IS REQUIRED, SPACE SCREWS AT EQUAL INTERVALS. SINK AND PUTTY IN FINISHED WOOD SURFACES.
 - SELECT AND CUT MATERIAL TO EXCLUDE DAMAGED AREAS.
 - FINISH EXPOSED SURFACES TO BE SMOOTH, FREE FROM TOOL AND MACHINE MARKS.

17. THINSET TILE ON TILE BACKER APPROVED BY THE TILE MANUFACTURER FOR USE IN ITS SPECIFIC APPLICATION.
18. INSTALL SCHLUTER SCHIENE EDGE AT EXPOSED TILE EDGES. INSTALL SCHLUTER KERDI SHOWER WATERPROOFING SYSTEMS AT SHOWERS INCLUDING SHOWER PAN LINER, PIPE SELLS, CORNER SEALS, KERDI BAND AND ALL OTHER SYSTEM COMPONENTS. APPROVED SUBSTITUTIONS ARE ALLOWED.
19. MAINTAIN MINIMUM TEMPERATURES NOT LESS THAN 50 DEGREES F (OR GREATER IF REQUIRED BY MANUFACTURER'S SPECIFICATIONS) DURING APPLICATION AND CURING PERIODS.
20. ALL INTERIOR FINISHES TO COMPLY WITH THE 2012 NFPA 101 LIFE SAFETY CODE IN REGARD TO SMOKE DEVELOPMENT & FLAME SPREAD RATINGS.

- REFLECTED CEILING PLAN/HVAC/PLUMBING NOTES:
1. PROVIDE APPROPRIATE CLEARANCES FOR FIXTURES, DUCTS, CEILING AND RELATED ITEMS NECESSARY TO MAINTAIN THE SPECIFIED FINISHED CEILING HEIGHT ABOVE THE FINISHED FLOOR SLAB.
2. INSTALL SWITCHES 4'-0" AFF TO BOTTOM OF PLATE; MOUNTED VERTICALLY LENGTHWISE, UNLESS OTHERWISE NOTED; QUANTITY OF SWITCHES AS APPLICABLE AND AS REQUIRED.
3. ARCHITECTURAL DRAWING DETERMINES LOCATION OF LIGHT SWITCHES, LUMINARIES AND OTHER CEILING ELEMENTS AS SHOWN ON ARCHITECTURAL DRAWINGS AND SUPERSEDES ALL OTHERS, UNLESS OTHERWISE NOTED.
4. VERIFY FIELD CONDITIONS AND LOCATIONS OF ALL PLUMBING, MECHANICAL DUCTS, STRUCTURAL ELEMENTS AND ANY AND ALL OTHER APPLICABLE ITEMS. INSTALL MECHANICAL, FANS, DUCTS, CONDUITS AND OTHER RELATED AND APPURTENANT ITEMS SO AS NOT TO CLUMBT WITH LUMINARIES AND ANY AND ALL FIELD CONDITIONS. CONTRACTOR IS RESPONSIBLE FOR COORDINATION OF THESE ELEMENTS.
5. VERIFY SPACE REQUIREMENTS AND COORDINATE INSTALLATION OF MPPE AND FIRE PROTECTION ITEMS WHICH ARE INDICATED, DETAILED OR IMPLIED DIMENSIONALLY ON DRAWINGS.
6. DO NOT CHANGE LUMINAIRE AND OTHER FIXTURE LOCATIONS AS SPECIFIED ON REFLECTED CEILING PLAN AND RELATED DOCUMENTS WITHOUT APPROVAL OF ARCHITECT; ANY AND ALL COSTS RESULTING FROM CHANGES INCURRED TO INSURE INTEGRITY OF REFLECTED CEILING PLAN LAYOUT SHALL BE BORNE BY CONTRACTOR.
7. INSTALL UNDERWRITER LABORATORIES (UL) LABELED DEVICES OR EUROPEAN EQUIVALENT.
8. INSTALL INCANDESCENT LUMINAIRES AND OTHER FIXTURES ON CENTER OF CEILING, UNLESS OTHERWISE NOTED. VERIFY RELATED CONDITIONS. ALL VISIBLE COMPONENTS(CONDUITS, ETC.) TO BE INSTALLED IN A NEAT AND ORGANIZED FASHION WITH FULL CONSIDERATION GIVEN TO THEIR VISUAL APPEARANCE.
9. LIGHTING SHALL COMPLY WITH THE 2024 IECC SECTION 405.2 FOR CONTROLS.
10. ALL ELECTRICAL AND LOW VOLTAGE CABLE WORK, PERFORMED IN OR ABOVE PLENUM CEILING MUST BE PLENUM RATED.
11. ELECTRICIAN TO PROVIDE EXIT SIGNS & EMERGENCY LIGHTING w/BATTERY BACKUP. COORDINATE SELECTION OF FIXTURES w/ARCHITECT & PROVIDE AT LOCATIONS REQUIRED BY CODE. ALL EMERGENCY LIGHTING, EXIT SIGNS AND OTHER FIRE SAFETY EQUIPMENT SHALL COMPLY WITH REQUIREMENTS OF THE FIRE MARSHAL AND 2017 ICC/ANSI A-117.1 ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES.
12. COORDINATE REWORKING OF EXISTING DUCTWORK TO CLEAR FIXTURE LAYOUT, IF APPLICABLE.
13. VERIFY LOCATIONS OF THERMOSTATS WITH LANDLORD AND/OR TENANT.
14. CONTRACTOR TO PROVIDE SMOKE DETECTORS, EXIT SIGNS AND EMERGENCY LIGHTING AS REQUIRED BY CODE.
15. PROVIDE LAMPING FOR ALL LIGHT FIXTURES, UNLESS OTHERWISE NOTED.
16. PROVIDE DIMMERS AT ALL INCANDESCENT FIXTURES. SIZE TO PREVENT HUM.
17. COVER PLATES, RECEPTACLES AND RELATED ITEMS ARE TO BE WHITE, EXCEPT AS OTHERWISE NOTED ON DRAWINGS.
18. SWITCH LIGHTS BY GROUPING WITHIN AN AREA AND LOCATE CONVENIENT TO DOORWAY.
19. OBTAIN OWNER'S OR ARCHITECT'S APPROVAL IN FIELD OF ALL OUTLET, SWITCH, EMERGENCY LIGHT, FIRE ALARM SYSTEM ITEMS, SPEAKERS, ETC. PRIOR TO INSTALLATION. ARCHITECT'S APPROVAL DOES NOT WAIVE CONTRACTOR'S COMPLIANCE WITH LATER REQUIREMENTS FROM INSPECTIONS BY CODES OFFICIALS.
20. PROVIDE STAMPED MECHANICAL DRAWINGS AS REQUIRED BY CODE.
21. PROVIDE 10#, ABC MULTIPURPOSE DRY CHEMICAL FIRE EXTINGUISHERS WITH PRESSURE INDICATING GAUGE IN FULLY RECESSED CABINETS. SUBMIT FINISHES FOR SELECTION BY ARCHITECT. VERIFY CONFORMANCE WITH NFPA REQUIREMENTS. 1 PER 3000 SF, NO POINT TO BE MORE THAN 75' FROM AN EXTINGUISHER.
FEC FIRE EXTINGUISHER AND SEMI-RECESSED CABINET EQUAL TO LARSEN SOLID S5 DOOR WITH VERT. ENGRAVED LETTERING AND SQUARE TRIM.
FE BRACKET MOUNTED FIRE EXTINGUISHER

SEE ACCESSIBILITY STANDARDS SHEET FOR MOUNTING HEIGHTS.

PARTITION, MILLWORK AND DOOR PLAN NOTES:

- 1. ALL WALLS TO BE METAL STUDS @ 16" O.C., W/ 5/8" 6WB EACH SIDE. PROVIDE TYPE "X" AT RATED WALLS AS SHOWN IN DETAILS AND /OR WALL TYPES.
2. INSTALL DRYWALL WITH IN ACCORDANCE WITH THE CURRENT VERSION OF UNITED STATES GYPSUM - GYPSUM CONSTRUCTION HANDBOOK, ASTM C445, ASTM C754, AND ASTM C840. MOST STRINGENT REQUIREMENTS PREVAIL. USE METAL FOR CORNER READS AND OTHER TYP EDE DETAILS. DOUBLE CHECK THAT 6WB FINISH IS COMPLETE AT ALL SWITCH PLATE AND ELECTRICAL OUTLET LOCATIONS, ETC.
3. INSTALL WATER-RESISTANT GYPSUM BOARD IN AREAS EXPOSED TO MOISTURE.
4. FABRICATE AND INSTALL MILLWORK PURSUANT TO THE AMERICAN WOODWORK INSTITUTE STANDARDS, CUSTOM GRADE, FLUSH OVERLAY CONSTRUCTION WITH EUROPEAN STYLE (INVISIBLE) SELF-CLOSING, 170-DEGREE OPENING, HEAVY DUTY HINGES, AND 100 POUND-RATED FULL-EXTENSION SIDE MOUNTED DRAWER SLIDES UNLESS OTHERWISE NOTED. 1/8" BETWEEN ALL DOOR/DOOR, DOOR/DRAWER, DRAWER/COUNTER, DRAWER/WALL ADJACENCES (IE NO MORE THAN 1/8" EXPOSED STILES, RAILS, LIGHT FASCIAS). CABINET PULLS TO BE FORMS + SURFACES HC225 3" NEOPRENE PULL, UNO. IF PROVIDED BY OTHERS, CONTRACTOR TO COORDINATE INSTALLATION.
5. PROVIDE MANUFACTURER'S REPRESENTATIVE TO SUPERVISE INSTALLATION OF MILLWORK ITEMS AND CERTIFY THAT MANUFACTURER'S SPECIFICATIONS WERE MET.
6. MILLWORK MUST CONFORM TO AIA STANDARDS FOR PREMIUM MILLWORK, DRAWINGS INDICATE MILL WORK DESIGN INTENT ONLY. ALL PARTICLE BOARD USED SHALL BE WOODSTALK BRAND FIBERBOARD BY DOW-BIOPRODUCTS, OR APPROVED EQUAL. FABRICATOR IS RESPONSIBLE FOR PROPER EXECUTION AND SHALL SUBMIT SHOP DRAWING FOR DESIGN APPROVAL.
7. VERIFY PARTITION THICKNESS FOR INTERNAL INCLUSIONS, SUCH AS PLUMBING, FOR CORRECT INSTALLATION OF PANELS, BOXES, ETC. VERIFY WITH THE ARCHITECT.
8. TO ENSURE PROPER AND ADEQUATE BLOCKING, ALL BLOCKING FOR CABINERY WILL BE THE RESPONSIBILITY OF THE CABINET CONTRACTOR. GENERAL CONTRACTOR SHALL PROVIDE BLOCKING REQUIREMENTS AS REQUIRED, FOR SECURE ATTACHMENT OF ANY WALL OR CEILING MOUNTED ITEMS, ACCESSORIES, EQUIPMENT AND FIXTURES, INCLUDING DOOR STOPS.
9. PARTITIONS ARE DIMENSIONED TO FACE OF STUDS.
10. DIMENSIONS TO EXTENSION PERIMETER WALLS ARE TO INSIDE FACE OF FINISHED WALL, UNLESS OTHERWISE NOTED.
11. DIMENSIONS ARE NOT ADJUSTABLE WITHOUT WRITTEN APPROVAL FROM THE ARCHITECT.
12. HEIGHTS ARE DIMENSIONED FROM TOP OF THE FINISHED FLOOR, UNLESS OTHERWISE NOTED.
13. VERIFY SIZE OF DOORS TO CLEAR TOP OF FINISHED FLOOR, INCLUDING BUT NOT LIMITED TO, CARPET, TILE, ETC., AS APPLICABLE BY "X" MAXIMUM, UNLESS OTHERWISE NOTED.
14. DOORS AND FRAMES SHALL BE SIZE AND TYPE AS INDICATED ON THE DOOR SCHEDULE. FIRE RATED DOORS SHALL BEAR MANUFACTURER'S LABEL STATING RATING FOR THAT DOOR. ALL CLOSURES, GASKETS, ETC. SHALL BE PROVIDED AT RATED OPENINGS TO MAINTAIN THE ASSEMBLY RATING REQUIRED.
15. HOLLOW METAL DOORS TO BE FABRICATED WITH THE FOLLOWING MATERIALS:

 - MIN. 18" GA. FOR FACE SHEETS OF INTERIOR DOORS
 - 16 GA. FOR EDGE CHANNELS
 - MIN. 22 GA. FOR FACE STRENGTHENERS
 - MIN. 16 GA. FOR INTERIOR FRAMES

16. HARDWARE REINFORCEMENT AND ANCHORS SHALL BE AS NEEDED FOR A SECURE INSTALLATION AND SHALL BE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS FOR THE SPECIFIED HARDWARE AND INTENDED USE.
17. AFTER INSTALLATION, DRESS, FILL AND SAND EXPOSED SURFACES. APPLY UNIFORM COAT OF MANUFACTURER'S RECOMMENDED PRIME COAT TO ALL EXPOSED SURFACES. LEAVE READY FOR FINISH PAINTING.
18. SECURE FLOOR ANCHORS TO FLOOR WITH APPROVED TYPE MECHANICAL FASTENINGS. ANCHOR FRAMES TO ADJOINING WALLS. BRACE FRAMES TO FLOOR POSITION AND CHECK ALIGNMENT DURING CONSTRUCTION OF ADJACENT WALLS. ADJUST FRAMES AS NEEDED WITH SHIMS BEFORE FINAL FASTENING.
19. ALL FINISH HARDWARE FOR COMPLETE WORK SHALL BE FURNISHED AND INSTALLED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS. PROVIDE ANY ITEMS NOT SPECIFICALLY MENTIONED BUT NECESSARY TO COMPLETE THE WORK, MATCHING IN QUALITY AND FINISH WITH THE ITEMS SPECIFIED.
20. PROVIDE HARDWARE FOR FIRE-RATED OPENINGS IN COMPLIANCE WITH NFPA REQUIREMENTS. THIS REQUIREMENT TAKES PRECEDENCE OVER OTHER REQUIREMENTS FOR SUCH HARDWARE.
21. HARDWARE SUPPLIER TO PROVIDE APPROVED SCHEDULE AND TEMPLATES TO VARIOUS OTHER SUPPLIERS FOR DOOR AND FRAME PREPARATION.
22. MAKE FINAL ADJUSTMENT AND CHECK OF HARDWARE DURING THE WEEK PRIOR TO OCCUPANCY. CLEAN AND LUBRICATE OPERATING ITEMS AS NECESSARY TO RESTORE PROPER FUNCTIONING AND FINISH OF HARDWARE AND DOORS. MAKE FINAL ADJUSTMENT OF LOCKSETS AND CLOSURES UNDER THE SUPERVISION OF MANUFACTURER'S REPRESENTATIVE.
23. TEST AND ADJUST DOORS FOR SMOOTH, QUIET OPERATION.
24. GLAZING TONG MARKS SHALL NOT BE VISIBLE.
25. CLEAN AND POLISH ALL GLASS AND MIRROR SURRO TO PROJECT DELIVERY.
26. FINISH BUILDING SURFACES AS REQUIRED SO THEY MATCH ADJACENT OR ABUTTING SURFACES WHEN INTERSECTING EXISTING SURFACES. ALL OTHER TOLERANCES ALLOWABLE TOLERANCES - UNLESS OTHERWISE NOTED OR INDICATED. THE FOLLOWING TOLERANCES SHALL APPLY TO ALL WORK:

 - A. ALL VERTICAL SURFACES SHALL BE PLUMB OR CONSTRUCTED TO THE EXACT SLOPES OR ANGLES INDICATED.
 - B. THE MAXIMUM DEVIATION FROM THE TRUE PLANE FOR VERTICAL AND HORIZONTAL SURFACES SHALL NOT BE GREATER THAN 1/8" IN 10'-0" AS MEASURED BY A STRAIGHT EDGE PLACED ANYWHERE ON THE SURFACE.
 - C. ALL HORIZONTAL SURFACES SHALL BE LEVEL OR CONSTRUCTED TO THE EXACT ANGLE INDICATED OR INTENDED.
 - D. WALL AND SOFFIT INTERSECTIONS SHALL BE 90 OR THE EXACT ANGLE INDICATED OR INTENDED.
 - E. ALL CORNERS AND EDGES SHALL BE STRAIGHT AND TRUE WITHOUT DENTS, WAVES OR BULGES OR OTHER BLEMISHES.
 - F. ALL JOINTS SHALL BE TIGHT, STRAIGHT, EVEN AND SMOOTH.
 - G. ALL OPERABLE ITEMS SHALL OPERATE SMOOTHLY WITHOUT STICKING OR BINDING AND WITHOUT EXCESSIVE "PLAY" OR LOOSENESS.
 - H. SECURE ATTACHMENT OF ANY WALL OR CEILING MOUNTED ITEMS, ACCESSORIES, EQUIPMENT AND FIXTURES.

27. CAULK GAPS WHERE INTERSECTION OF CONSTRUCTION ELEMENTS IS NOT CRISP AND CONSISTENT, UNLESS OTHERWISE NOTED. PROVIDE NON-SAG SEALANT COMPLYING WITH REQUIREMENTS OF FEDERAL SPECIFICATIONS TTS-1543 OR FS TS-5-230 TYPE "II", CLASS "A".
28. PROVIDE ACOUSTICAL SEALANT WHICH SHALL BE NON-HARDENING, NONDRYING SYNTHETIC RUBBER SEALING COMPOUND WITH MINIMUM 90% SOLIDS AT ALL INTERIOR JOINTS BETWEEN PLANES. AROUND DOOR AND WINDOW FRAMES PRIMER SHALL BE AS RECOMMENDED BY SEALANT MANUFACTURER FOR THE SPECIFIC CONDITIONS AND SUBSTRATES.
29. PROVIDE BACKING MATERIAL BY DOW "ETHAFDAM" OR APPROVED EQUAL. INSTALL SEALANT OVER BACKING TO UNIFORM THICKNESS CONTINUOUSLY FILLING ALL JOINTS AN VOIDS SOLID.
30. ALL SURFACES SHALL BE ADEQUATELY CLEANED AND PREPARED PER MANUFACTURER'S WRITTEN INSTRUCTIONS PRIOR TO INSTALLATION.
31. PROVIDE PROPER CLEARANCE FOR ALL MOVING PARTS OR FIXTURES.
32. VERIFY READINESS OF DOORS FOR NEW HARDWARE.
33. MOUNT DOOR HARDWARE PER ADA HEIGHT REQUIREMENTS.
34. PROVIDE TWO KEYS PER LOCK SET.
35. USE FINISH NAILS FOR EXPOSED WORK; USE TYPE "3" TRIM HEAD SCREWS FOR ATTACHMENT OR WOOD TRIM TO METAL STUDS, RUNNERS, OR FURRING.
36. AT WOOD TRIM, BACK KERF TRIM MORE THAN 5" WIDE AND BACK PRIME. EASE ALL EXTERNAL CORNERS WITH 1/8" MAXIMUM RADIUS.
37. PROTECT SURFACES FROM DAMAGE BY OTHER TRADES WORKING ADJACENT TO THE INSTALLATION. REPLACE DAMAGED SURFACES.
38. HOLLOW METAL DOORS TO BE FULLY WELDED, SEAMLESS CONSTRUCTION WITH VISIBLE SEAMS OR JOINTS ON FACES OR VERTICAL EDGES.
39. WALL MOUNTED DOORSTOPS TO BE FORMS + SURFACES HC280 NEOPRENE BUMP (3 1/16" LENGTH).
40. PROVIDE BATT INSULATION LAID ON TOP OF CEILING TILES TO 2'-0" EITHER SIDE OF PARTITIONS THAT DO NOT EXTEND TO DECK.
41. CLOSET RODS TO BE KNOPE & WGT STAINLESS STEEL TUBING WITH #224, 223 AND/OR 225 SUPPORTS, OR APPROVED EQUAL.

POWER AND COMMUNICATION NOTES:

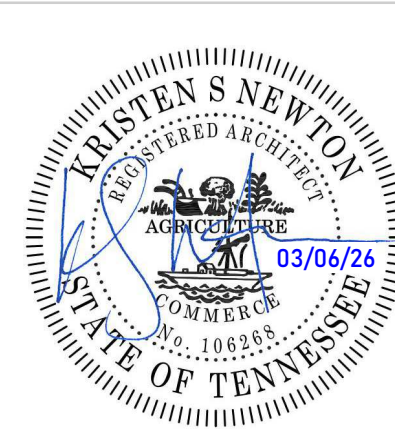
- 1. SURVEY FIELD CONDITIONS AND VERIFY THAT WORK IS FEASIBLE AS SHOWN. VERIFY LOCATION OF OUTLETS IN RELATION TO STRUCTURAL AND OTHER ELEMENTS. VERIFY THAT ELECTRICAL SERVICE IS ADEQUATE FOR LOADS.
2. ARCHITECTURAL DRAWING DETERMINES LOCATION OF OUTLETS AND OTHER RELATED POWER AND COMMUNICATIONS ELEMENTS, AND SUPERSEDES ALL OTHERS, UNLESS OTHERWISE NOTED.
3. COVER PLATES, RECEPTACLES AND RELATED ITEMS ARE TO BE WHITE, EXCEPT AS OTHERWISE NOTED ON DRAWINGS.
4. SUBMIT SAMPLE OF ALL VISIBLE ELECTRICAL, MECHANICAL, LIFE SAFETY, FIRE PROTECTION AND MISCELLANEOUS OTHER ELEMENTS FOR REVIEW BY ARCHITECT'S REVIEW. ALL VISIBLE COMPONENTS TO BE INSTALLED IN A NEAT AND ORGANIZED FASHION WITH FULL CONSIDERATION GIVEN TO THEIR VISUAL APPEARANCE.
5. PROVIDE AND INSTALL CONDUITS AND BOXES FOR TELEPHONES AND DATA CABLE. PULLING OF CABLE AND INSTALLATION OF COVER PLATES BY CONTRACTOR. PROVIDE DEDUCT ALTERNATE PRICE FOR INSTALLATION BY INSTALLATION.
6. ELECTRICAL MATERIALS, EQUIPMENT, DEVICES, OR APPLICATIONS SHALL BEAR A LABEL, SYMBOL OR OTHER IDENTIFYING MARK FROM INDEPENDENT TESTING LABORATORIES, CERTIFICATION BY INDEPENDENT TESTING AGENCY OR LABORATORY SHALL MEET A STANDARD WHICH PROVIDES AN ADEQUATE LEVEL OF SAFETY IF THE LABEL OR SYMBOLS IS APPROVED AS A CLASSIFIED IDENTIFYING MARK. PLEASE PROVIDE AN ENGINEERING DESIGN SHOWING HOW THIS PRODUCT IS TO BE INSTALLED PER ITS CLASSIFICATION.
7. ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR LABELING ALL AFFECTED CIRCUIT BREAKERS IN THE FUSE BOX WITH CIRCUIT LOCATION.
8. PROVIDE ALL NEW WORK INDICATED, SPECIFIED OR REQUIRED TO PRODUCE A FINISHED, OPERABLE AND LEGAL ELECTRICAL SYSTEM CONFORMING TO THE BEST STANDARD OF WORKMANSHIP AND CONFORMING TO ALL REGULATIONS HAVING JURISDICTION.
9. CONTRACTOR SHALL NOTIFY OWNER WHEN TELEPHONE AND DATA INSTALLERS ARE REQUIRED AT JOB SITE FOR WIRING OF TENANT EQUIPMENT.
10. DIMENSIONS ARE TO THE CENTER OF THE COVER PLATE; CLUSTERS OF OUTLETS ARE DIMENSIONED TO THE CENTER OF THE CLUSTER, UNLESS OTHERWISE NOTED. WHERE GANGING IN A SINGLE PLATE IS NOT POSSIBLE, MOUNT THE OUTLETS OR SWITCHES SIDE BY SIDE WITH EDGES TOUCHING.
11. INSTALL WALL MOUNTED OUTLETS PER ADA. MATCH EXISTING TYP.
12. ABOVE -COUNTER OUTLETS TO BE 1" INCH ABOVE COUNTER OR BACK SPLASH MEASURED FROM BOTTOM EDGE OF OUTLET FACE PLATE TO TOP OF CABINERY, UNLESS OTHERWISE NOTED. WHERE A CLUSTER OF OUTLETS OCCURS, MOUNT ALL OUTLETS IN CLUSTER ABOVE COUNTER, UNLESS OTHERWISE NOTED. OUTLETS AT WORKSTATIONS TO BE AT 20" AFF TO CENTERLINE.
13. BELOW COUNTER OUTLETS TO BE 1 1/2" BELOW LOWEST ELEMENT OF CABINERY MEASURED FROM TOP EDGE OF FACE PLATE TO BOTTOM OF CABINERY, UNLESS OTHERWISE NOTED. WHERE A CLUSTER OF OUTLETS OCCURS, MOUNT ALL OUTLETS IN CLUSTER BELOW COUNTER, UNLESS OTHERWISE NOTED. THE INTENT IS FOR OUTLETS NOT TO BE SEEN FROM THE SPACE WHERE EXCEPTIONS OCCUR AND OUTLETS WILL BE VISIBLE, VERIFY WITH ARCHITECT PRIOR TO INSTALLATION.
14. OUTLETS WITHIN 48 INCHES OF WATER SOURCES OR AS REQUIRED BY ELECTRICAL CODE, SHALL BE GROUND FAULT INTERRUPT (GFI).
15. PROVIDE NO MORE THAN THREE OUTLETS WITH DATA CONNECTION ADJACENT PER CIRCUIT.
16. SEPARATE OUTLETS IN BACK TO BACK SITION BY 1 STUD CAVITY.
17. COORDINATE AND PROVIDE POWER CONNECTION AND COORDINATE AND OR PROVIDE (TBD) DATA & COMMUNICATIONS CONNECTIONS WITH ANY FURNITURE SYSTEM.
18. COORDINATE INSTALLATION OF OWNER FURNISHED TELEPHONE, DATA AND SECURITY SYSTEMS, IF OWNER FURNISHED IN LIEU OF CONTRACTOR FURNISHED.
19. SEPARATE DATA CONDUIT FROM ELECTRICAL CONDUIT BY 18" MINIMUM.
20. ELECTRICAL CONTRACTOR SHALL SUBMIT CIRCUITRY DRAWINGS, STAMPED BY AN ELECTRICAL ENGINEER (IF REQUIRED PER PERMIT) TO THE ARCHITECT FOR APPROVAL PRIOR TO COMMENCING WORK.

ARCHITECTURE INTERIORS CIVIL SITE

111 NASHVILLE HIGHWAY

PROJECT TITLE

CONSULTANTS



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GENERAL NOTES

CONSTRUCTION DOCUMENTS

DATE: 03/06/26

DRAWN BY: Author

PROJECT NO.: 2554

SHEET NO.:

G001



Compliance Certificate

Project Information

Energy Code: 2024 IECC
 Project Title: 111 Nashville Highway
 Location: Columbia, Tennessee
 Climate Zone: 3a
 Project Type: Alteration
 Project No: 88397
 Project Sub Type: Initial Buildout
 Project Mechanical Type: With Central HVAC/SWH/Plant
 All Electric: false
 Is Renewable: false
 Has Battery: false
 Has Charger: false
 Has Heat Pump: false

Construction Site: 111 Nashville Highway
 Owner/Agent: Columbia, 38401
 Designer/Contractor:

Notes:

Renewable energy

Number of Floors: 1
 Area of Three Largest Floors: 4903
 Proposed Capacity: 0
 Required Capacity: 0
 Proposed Off-site Energy: 0
 Required Off-site Energy: 0
 Exception: Building effective floor area is less than 5,000 ft2

Renewables Pass: Exception: Building effective floor area is less than 5,000 ft2

Building Area

Description	Floor Area
1-Retail (Retail) - Nonresidential Tenant Space	4903



Project Information

Energy Code: 2024 IECC
 Project Title: 111 Nashville Highway
 Location: Columbia, Tennessee
 Climate Zone: 3a
 Project Type: Alteration
 Vertical Glazing / Wall Area: 0.001
 Project Sub Type: Initial Buildout
 Project Mechanical Type: With Central HVAC/SWH/Plant

Construction Site: 111 Nashville Highway
 Owner/Agent: Columbia, 38401
 Designer/Contractor:

Envelope Assemblies

Post-Alteration Assembly	Cavity R-Value	Cont. R-Value	Proposed U-Factor	Proposed SHGC	Max Allowed U-Factor	Max Allowed SHGC
Roof:Roof, [Bldg, Use 1 - Retail], Exemption: Framing cavity not exposed.	---	---	---	---	---	---
Floor:Floor, [Bldg, Use 1 - Retail]	---	0.00	0.730	---	0.730	---
NORTH						
Ext Wall:Ext Wall 1, Normal Density, Furring, Other, [Bldg, Use 1 - Retail], Exemption: Framing cavity not exposed.	---	---	---	---	---	---
Window:Window 1, Other, Fixed, Fixed, [Bldg, Use 1 - Retail]	---	---	0.380	0.25	0.380	0.25
Window:Window 2, Other, Fixed, Fixed, [Bldg, Use 1 - Retail]	---	---	0.380	0.25	0.380	0.25
Window:Window 3, Other, Fixed, Fixed, [Bldg, Use 1 - Retail]	---	---	0.380	0.25	0.380	0.25
Door:Door 1, Swinging, [Bldg, Use 1 - Retail]	---	---	0.370	---	0.370	---
EAST						
Ext Wall:Ext Wall, Normal Density, Furring, Other, [Bldg, Use 1 - Retail], Exemption: Framing cavity not exposed.	---	---	---	---	---	---
Window:Window 11, Other, Fixed, Fixed, [Bldg, Use 1 - Retail]	---	---	0.380	0.25	0.380	0.25
Window:Window 12, Other, Fixed, Fixed, [Bldg, Use 1 - Retail]	---	---	0.380	0.25	0.380	0.25
Window:Window 13, Other, Fixed, Fixed, [Bldg, Use 1 - Retail]	---	---	0.380	0.25	0.380	0.25
Window:Window 14, Other, Fixed, Fixed, [Bldg, Use 1 - Retail]	---	---	0.380	0.25	0.380	0.25
Window:Window 15, Other, Fixed, Fixed, [Bldg, Use 1 - Retail]	---	---	0.380	0.25	0.380	0.25
Window:Window 16, Other, Fixed, Fixed, [Bldg, Use 1 - Retail]	---	---	0.380	0.25	0.380	0.25
Door:Door, Entrance Door, Entrance Door, [Bldg, Use 1 - Retail]	---	---	0.370	0.28	0.680	0.40
SOUTH						

Post-Alteration Assembly	Cavity R-Value	Cont. R-Value	Proposed U-Factor	Proposed SHGC	Max Allowed U-Factor	Max Allowed SHGC
Ext Wall:Ext Wall 3, Normal Density, Furring, Other, [Bldg, Use 1 - Retail], Exemption: Framing cavity not exposed.	---	---	---	---	---	---
Window:Window, Clear, Fixed, Fixed, [Bldg, Use 1 - Retail]	---	---	0.380	0.25	0.380	0.25
Window:Window 4, Other, Fixed, Fixed, [Bldg, Use 1 - Retail]	---	---	0.380	0.25	0.380	0.25
Window:Window 5, Other, Fixed, Fixed, [Bldg, Use 1 - Retail]	---	---	0.380	0.25	0.380	0.25
WEST						
Ext Wall:Ext Wall 2, Normal Density, Furring, Other, [Bldg, Use 1 - Retail], Exemption: Framing cavity not exposed.	---	---	---	---	---	---
Window:Window 6, Other, Fixed, Fixed, [Bldg, Use 1 - Retail]	---	---	0.380	0.25	0.380	0.25
Window:Window 7, Other, Fixed, Fixed, [Bldg, Use 1 - Retail]	---	---	0.380	0.25	0.380	0.25
Window:Window 8, Other, Fixed, Fixed, [Bldg, Use 1 - Retail]	---	---	0.380	0.25	0.380	0.25
Window:Window 9, Other, Fixed, Fixed, [Bldg, Use 1 - Retail]	---	---	0.380	0.25	0.380	0.25
Window:Window 10, Other, Fixed, Fixed, [Bldg, Use 1 - Retail]	---	---	0.380	0.25	0.380	0.25

(a) Fenestration product performance must be certified in accordance with NFRC and requires supporting documentation.
 (b) Slab-On-Grade proposed and budget U-factors shown in table are F-factors.

Envelope PASSES

Envelope Compliance Statement

Compliance Statement: The proposed envelope design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed envelope systems have been designed to meet the 2024 IECC requirements in COMcheckWeb and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

Gunner Martin - Project Designer *Gunner Martin* 03/06/2026

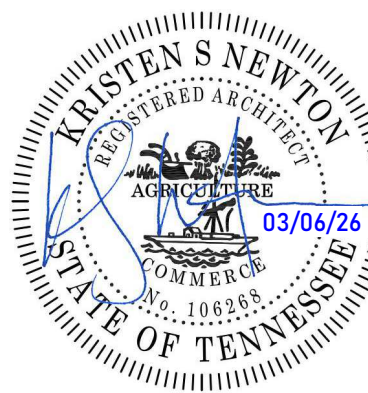
Name - Title	Signature	Date
Gunner Martin - Project Designer	<i>Gunner Martin</i>	03/06/2026



CONSULTANTS:

PROJECT TITLE: 111 NASHVILLE HIGHWAY

111 NASHVILLE HIGHWAY COLUMBIA, TN 38401



REVISIONS:

NO.	DATE	DESCRIPTION
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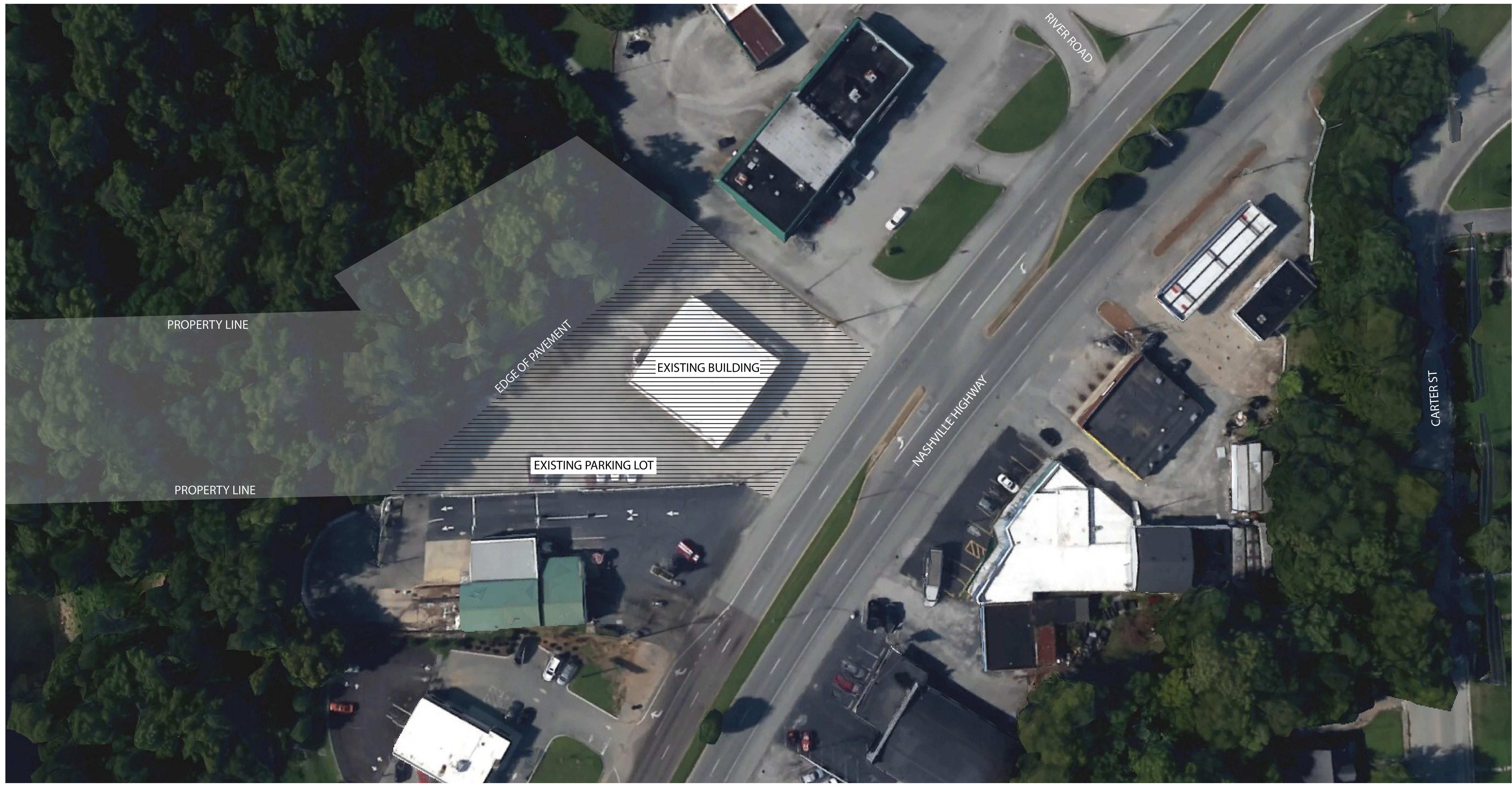
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CONSTRUCTION DOCUMENTS

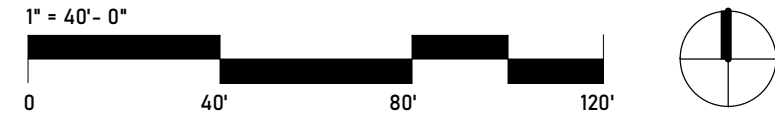
DATE: 03/06/26
 DRAWN BY: Author
 PROJECT NO.: 2554

SHEET NO.:

G003



SITE PLAN



CONSULTANTS:

PROJECT TITLE
111 NASHVILLE HIGHWAY

111 NASHVILLE HIGHWAY
COLUMBIA, TN 38401



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SHEET TITLE
SITE PLAN

CONSTRUCTION DOCUMENTS

DATE: 03/06/26

DRAWN BY: Author

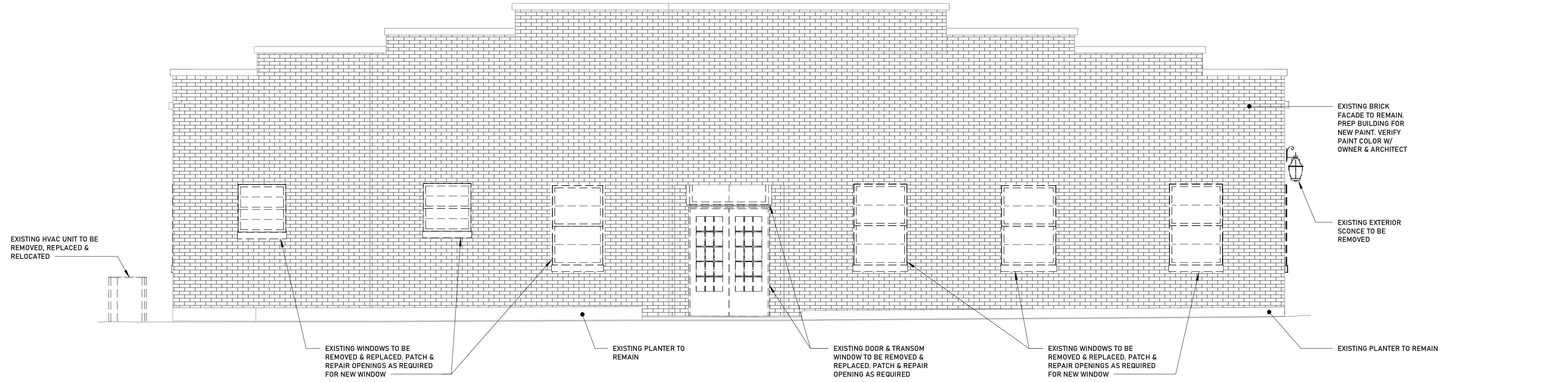
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SHEET NO.:

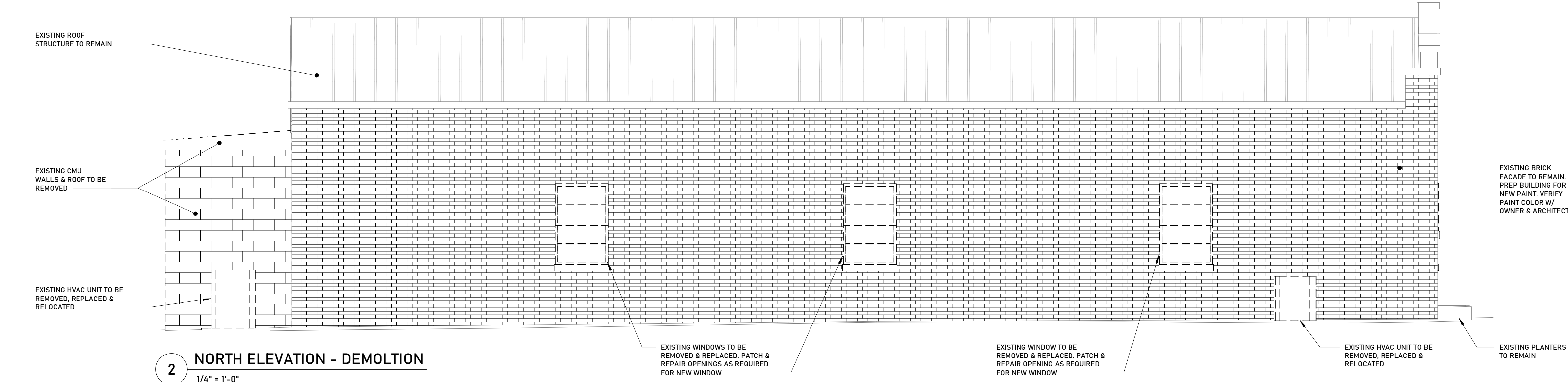
G004

GENERAL NOTES - DEMOLITION

- THESE DRAWINGS HAVE BEEN DEVELOPED FROM RECORD DRAWINGS AND SITE VISITS. THE CONTRACTOR SHALL VERIFY THESE DRAWINGS WITH FIELD CONDITIONS AND SHALL NOTIFY THE ARCHITECT IN WRITING OF ANY INCONSISTENCIES BETWEEN THE DRAWINGS AND ACTUAL CONDITIONS.
- THE CONTRACTOR SHALL NOTIFY THE ARCHITECT IN WRITING OF ANY WORK DESCRIBED IN THE CONTRACT DOCUMENTS WHICH CANNOT BE PERFORMED DUE TO EXISTING FIELD CONDITIONS, EVEN THOUGH THE EXISTING CONDITIONS ARE DRAWN CORRECTLY ON THE PLANS.
- IF EXISTING FIREPROOFING OR FIRE ASSEMBLIES TO REMAIN ARE DAMAGED DURING DEMOLITION, THEY SHALL BE REPAIRED TO MEET ORIGINAL FIRE PROTECTION REQUIREMENTS.
- REMOVE EXISTING CONSTRUCTION AS SHOWN. TYPICAL WALL REMOVAL INCLUDES FINISHES, DOORS, DOOR FRAMES, WINDOWS AND WINDOW FRAMES, CASEWORK AND FIXTURES AS REQUIRED. REPAIR HOLES IN FLOORS OR EXISTING WALLS TO REMAIN. PATCH ADJOINING WALLS, FLOOR, AND DECK, AND PREPARE TO RECEIVE NEW FINISH PER SCHEDULE OR PATCH TO MATCH EXISTING CONDITIONS. CMU PATCH WORK SHALL MATCH EXISTING TYPE AND IS TO BE TOOTHED IN TO EXISTING CMU.
- DEMOLITION OF THE WORK SHALL BE EXECUTED IN CONFORMANCE WITH APPLICABLE BUILDING CODES AND REGULATIONS.
- DURING DEMOLITION, THE CONTRACTOR SHALL BRACE AND SUPPORT ALL EXISTING STRUCTURES AS NEEDED. JOB SITE SAFETY SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- CONTRACTOR SHALL NOT CUT STRUCTURAL WORK IN A MANNER RESULTING IN A REDUCTION OF LOAD CARRYING CAPACITY. NOTIFY ARCHITECT OF ALL STRUCTURAL CUTS PRIOR TO EXECUTION.
- THE BUILDING ENVELOPE SHALL BE MAINTAINED IN A WATERTIGHT CONDITION AT ALL TIMES.
- USE MEANS NECESSARY TO PREVENT DUST FROM BECOMING A NUISANCE TO THE PUBLIC, TO NEIGHBORS AND TO OTHER WORK BEING PERFORMED ON OR NEAR THE SITE.
- IN THE EVENT OF DEMOLITION OF ITEMS NOT SCHEDULED TO BE DEMOLISHED, PROMPTLY REPLACE SUCH ITEMS TO THE APPROVAL OF THE ARCHITECT AND AT NO ADDITIONAL COST TO THE OWNER.
- CONTRACTOR SHALL COORDINATE THE UNAVOIDABLE DISRUPTION OF PLUMBING SERVICE WITH THE OWNER'S REPRESENTATIVE WHEN THE PIPING TO BE DEMOLISHED IS DISCONNECTED FROM THE EXISTING PLUMBING SERVICE LINES, WHICH SHALL REMAIN.
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- THESE DEMOLITION DOCUMENTS ANTICIPATE THAT NO ASBESTOS WILL BE ENCOUNTERED. IN THE EVENT ASBESTOS IS ENCOUNTERED, NOTIFY THE ARCHITECT IMMEDIATELY.
- REPAIR DAMAGE AND REPLACE REMOVED SURFACE MATERIALS TO MATCH ADJACENT SURFACES IN FLOORS, WALLS AND CEILINGS, ETC. TO REMAIN. PATCH ADJOINING WALLS, FLOOR AND DECK, AND PREPARE FOR NEW FINISH PER FINISH SCHEDULE OR PATCH TO MATCH EXISTING CONDITIONS. CMU PATCH WORK SHALL MATCH EXISTING TYPE AND IS TO BE TOOTHED IN TO EXISTING CMU.
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- WHEN REMOVING EXISTING FLOOR MATERIALS, CLEAN FLOOR TO SLAB, REMOVE ALL GLUE ETC. TO SLAB OR SUBFLOOR, EXCEPT AS NOTED. FUL-FILL MANUFACTURER'S SPECIFICATIONS FOR FLOOR PREP FOR INSTALLATION OF THEIR PRODUCT WHERE NEW MATERIALS ARE BEING INSTALLED.
- NOTIFY THE ARCHITECT OF ANY UNFORSEEN CONDITIONS THAT ARE EXPOSED OR DISCOVERED AS EXISTING CONDITIONS ARE EXPOSED.
- RECYCLE OR DONATE CONSTRUCTION MATERIAL, EQUIPMENT, OR CASEWORK BEING REMOVED FROM SITE AS MUCH AS IS REASONABLY POSSIBLE.



1 EAST ELEVATION - DEMOLITION
1/4" = 1'-0"



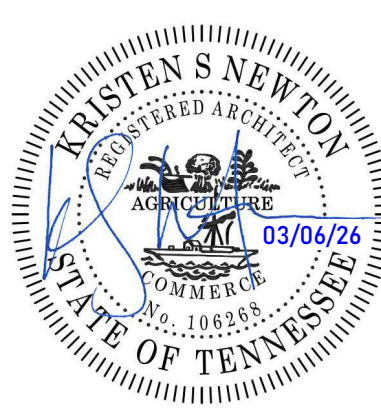
2 NORTH ELEVATION - DEMOLITION
1/4" = 1'-0"

ARCHITECTURE
INTERIORS
CIVIL SITE

TAC

111 NASHVILLE HIGHWAY
COLUMBIA, TN 38401

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COLUMBIA, TN 38401



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SHEET TITLE
DEMO ELEVATIONS

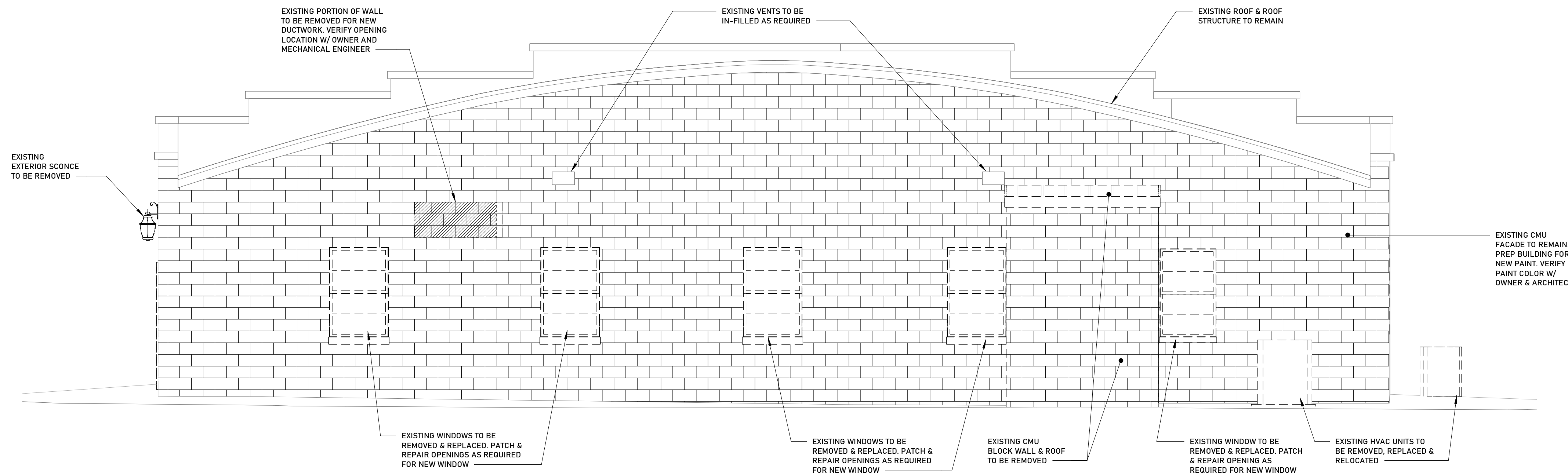
CONSTRUCTION DOCUMENTS
DATE: 03/06/26
DRAWN BY: Author
PROJECT NO.: 2554

SHEET NO.:

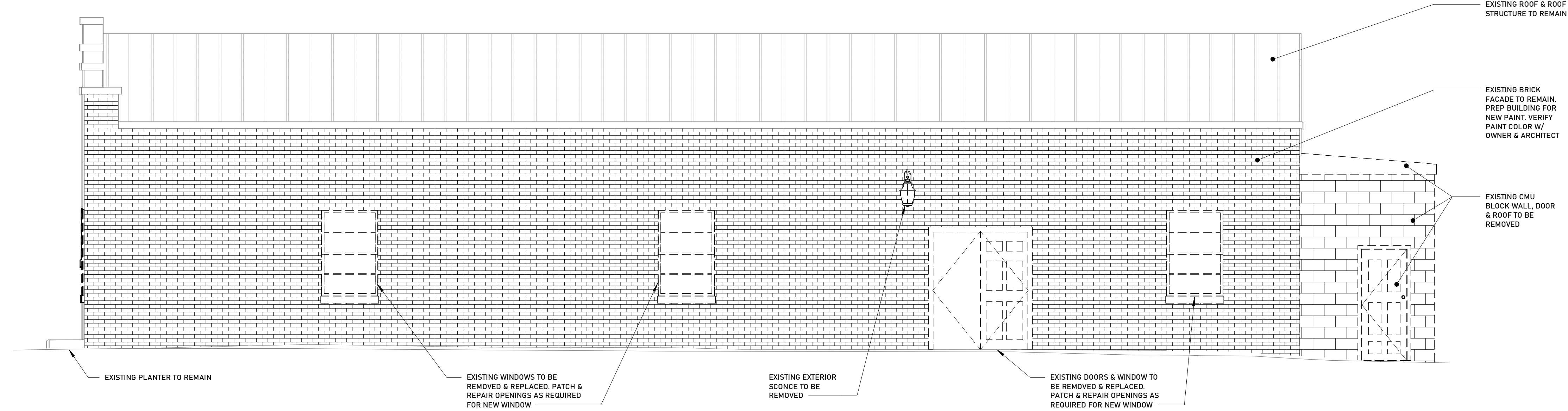
AD102

GENERAL NOTES - DEMOLITION

1. THESE DRAWINGS HAVE BEEN DEVELOPED FROM RECORD DRAWINGS AND SITE VISITS. THE CONTRACTOR SHALL VERIFY THESE DRAWINGS WITH FIELD CONDITIONS AND SHALL NOTIFY THE ARCHITECT IN WRITING OF ANY INCONSISTENCIES BETWEEN THE DRAWINGS AND ACTUAL CONDITIONS.
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16. WHEN REMOVING EXISTING FLOOR MATERIALS, CLEAN FLOOR TO SLAB, REMOVE ALL GLUE ETC. TO SLAB OR SUBFLOOR, EXCEPT AS NOTED. FULFILL MANUFACTURER'S SPECIFICATIONS FOR FLOOR PREP FOR INSTALLATION OF THEIR PRODUCT WHERE NEW MATERIALS ARE BEING INSTALLED.
17. NOTIFY THE ARCHITECT OF ANY UNFORSEEN CONDITIONS THAT ARE EXPOSED OR DISCOVERED AS EXISTING CONDITIONS ARE EXPOSED.
18. RECYCLE OR DONATE CONSTRUCTION MATERIAL, EQUIPMENT, OR CASEWORK BEING REMOVED FROM SITE AS MUCH AS IS REASONABLY POSSIBLE.

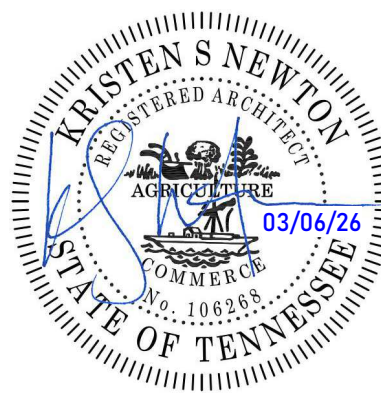


1 WEST ELEVATION - DEMOLITION
1/4" = 1'-0"



2 SOUTH ELEVATION - DEMOLITION
1/4" = 1'-0"

PROJECT TITLE
111 NASHVILLE HIGHWAY



REVISIONS:

NO.	DATE	DESCRIPTION

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SHEET TITLE
DEMO ELEVATIONS

CONSTRUCTION DOCUMENTS
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PROJECT NO.: 2554

SHEET NO.:

AD103

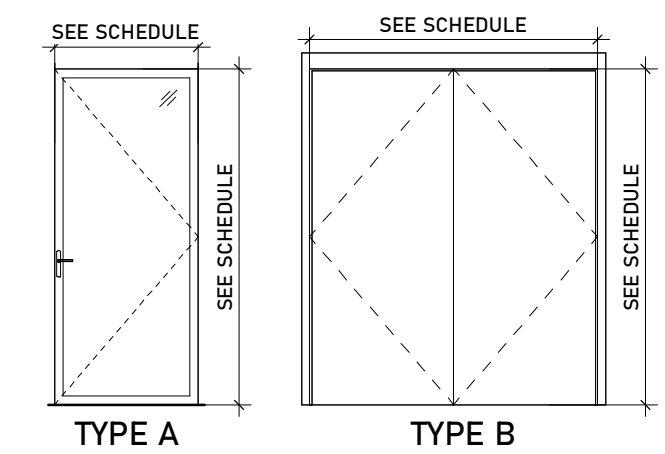
CONSULTANTS:

ARCHITECTURE
INTERIORS
CIVIL SITE
TKC
111 SOUTH MAIN ST. COLUMBIA, TN 38401 | 454.471.7277 | WWW.TKC-AE.COM

FLOOR PLAN GENERAL NOTES

- ALL DIMENSIONS ARE TO FACE OF STUD. ALL DIMENSIONS TO EXTERIOR STUD WALLS ARE TO EXTERIOR FACE OF STUD. ENLARGED RESTROOM PLANS PERTAINING TO ADA CLEARANCES ARE TO FACE OF FINISHED WALL.
 - SEE STRUCTURAL DRAWINGS FOR LOCATIONS OF ALL STEEL REINFORCING IN WALL & FLOOR CONSTRUCTION.
 - SEE ELEVATIONS AND STRUCTURAL DRAWINGS FOR LOCATIONS OF EXPANSION & CONTROL JOINTS. CONTRACTOR SHALL PROVIDE ADDITIONAL INTERIOR CONTROL JOINTS AS REQUIRED TO COMPLY WITH MAXIMUM SPACING REQUIREMENTS IN SPECIFICATIONS AND NATIONAL MASONRY INSTITUTE.
 - SEE CIVIL FOR FINAL ROOF DRAIN/DOWNSPOUT LOCATIONS & DAYLIGHTING.
 - MECHANICAL & ELECTRICAL EQUIPMENT SHALL BE ON HOUSEKEEPING PADS. PADS ARE TO BE PROVIDED BY THE TRADE SUPPLYING THE EQUIPMENT. WORK TO BE COORDINATED THROUGH THE GENERAL TRADES CONTRACTOR & VERIFIED WITH MECHANICAL AND ELECTRICAL SUBCONTRACTORS. PADS 4" MIN. 4" THICK W/W.V.F., UNLESS NOTED OTHERWISE).
 - COORDINATE ALL WINDOW AND DOOR SELECTIONS W/ OWNER AND ARCHITECT INCLUDING, BUT NOT LIMITED TO: MANUFACTURER, TYPE, STYLE, MATERIAL(S), FINISH, ENERGY EFFICIENCY, MUNTIN/LITE PATTERN AND HARDWARE. VERIFY AND COORDINATE ALL UNIT SIZES, HEAD AND SILL HEIGHTS, AND ROUGH OPENING DIMENSIONS. COORDINATE AND INSTALL BRICK MOLD, EXTERIOR CASING, INTERIOR TRIM, SHUTTERS, DECORATIVE ELEMENTS, ETC. AS APPLICABLE. SEE ELEVATIONS. COORDINATE REPLACEMENT AND/OR REFURBISHMENT OF EXISTING WINDOWS IN EXISTING OPENINGS AS APPLICABLE. VERIFY ALL SIZES. INSTALL AS PER MANUFACTURER'S REQUIREMENTS.
 - USE 1/2" MIN. WATER RESISTANT GYP. BD. ON ALL WET WALLS, UNO.
 - USE CEMENT BOARD FOR ALL WALLS TO RECEIVE CERAMIC TILE, UNO.
 - FIRE SAFE ALL JOINTS AND PENETRATIONS AT FIRE RATED PARTITIONS.
 - UL NUMBERS LISTED APPLY ONLY TO THE TESTED MANUFACTURERS. EQUAL MANUFACTURERS' EQUIVALENT ASSEMBLY INFORMATION MUST BE APPROVED BY ARCHITECT.
 - INSULATION MUST EXTEND FULL HEIGHT OF PARTITION. WHERE SOUND ATTENUATION BATTS ARE INDICATED IN PARTITIONS, INSTALL ACOUSTIC SEALANT AT BOTH SIDES, ALONG THE TOP AND BOTTOM, AND AT INTERSECTING PARTITIONS.
- INSULATION R-VALUES:**
INSULATION SELECTED PER IECC 2024
- CEILING: R-49
 - MASS WALL: R-20
 - FLOOR: R-19
 - SLAB (R-VALUE & DEPTH): R-10, 2 FT
- TYPE OF INSULATION TO BE INSTALLED SHALL BE VERIFIED BY CONTRACTOR AND ESTABLISHED PRIOR TO COMMENCEMENT OF WORK. ALL INSULATION IS TO BE INSTALLED IN ACCORDANCE W/ ALL MANUFACTURERS' REQUIREMENTS AND SHALL MEET OR EXCEED CODE REQUIREMENTS.

DOOR PANEL TYPE LEGEND



DOOR SCHEDULE

NUMBER	ROOM NAME	DOOR		MATERIAL	ELEV	FRAME		HDW SET	REMARKS
		WIDTH	HEIGHT			MATERIAL	HW SET		
101	TENANT SPACE	3'-0"	7'-0"	ANOD ALUM	A	ANOD ALUM	E, G, J, K		
102	TENANT SPACE	5'-8"	7'-0"	ANOD ALUM	B	ANOD ALUM	C, G, J		

DOOR AND HARDWARE LEGEND:

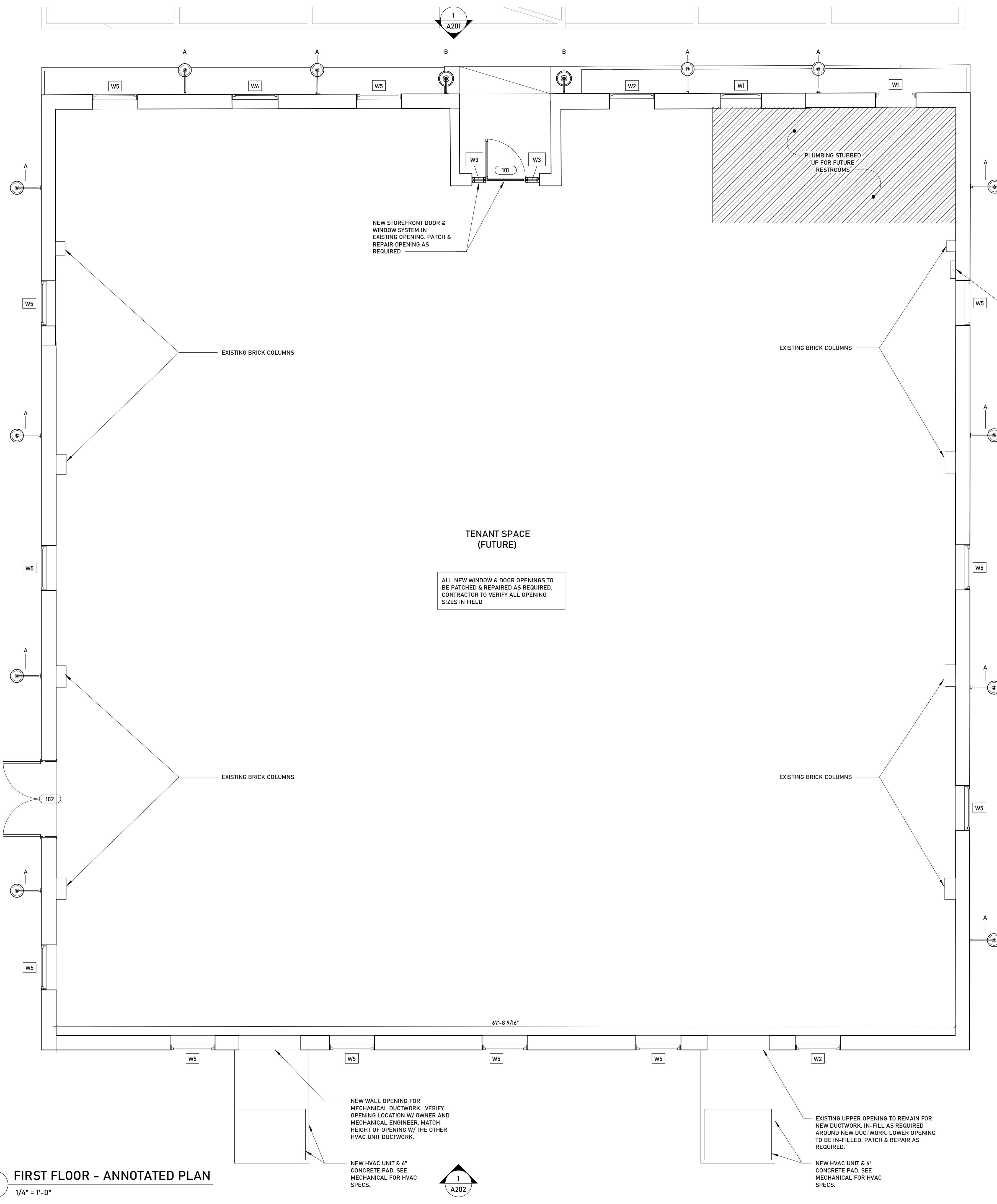
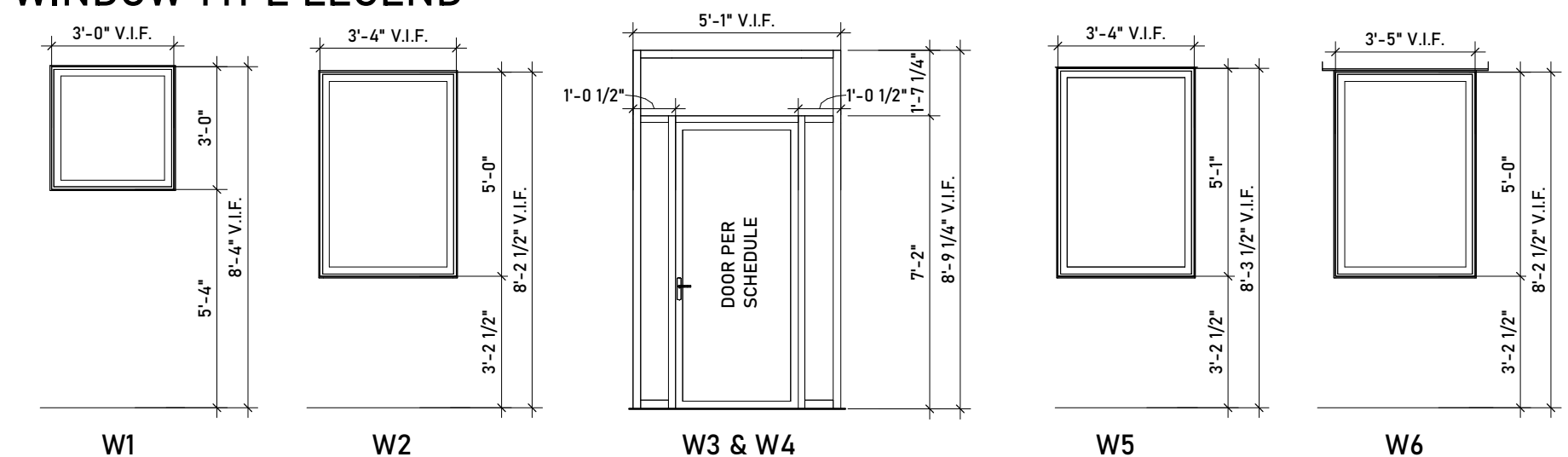
- A PASSAGE SET
 - B PRIVACY SET
 - C KEYED SET
 - D DUMMY SET
 - E ENTRANCE
 - F HARDWARE PER MANUF
 - G DEADBOLT
 - H POCKET CLOSER HARDWARE
 - J CLOSER
 - K PANIC HARDWARE
- 1 CARD READER
 - 2 CONCEALED HINGES
 - 3 ACCESS CONTROL
 - 4 HOLD OPEN DEVICES
 - 5 SMOKE ACTIVATED CLOSER PER IBC 716.5.9.3.
 - 6 EGRESS ONLY
 - 7 DOOR LEAF COORDINATOR
 - 8 FLUSH BOLTS
 - 9 SIGN THAT STATES: THIS DOOR IS TO REMAIN UNLOCKED WHEN THE BUILDING IS OCCUPIED.

NOTES:

- ALL HARDWARE SELECTIONS PER OWNER.
- a. SCWD: SOLID CORE WOOD DOORS, PAINTED.
 - b. PTD: INSULATED METAL: MIN 18GA STEEL SHEET DOOR, MODEL 1 FULL FLUSH EDGE, MANUF STANDARD CORE.
 - c. ALUM. STOREFRONT: 1" INSULATED, SAFETY GLASS. 2"x4 1/2" KAWNEER OR EQUIVALENT. FINISH - TBD.
 - d. PTD. MTL. FRAME: 18GA, WELDED, DOUBLE RABBETED, FIELD PAINTED HOLLOW METAL FRAME.
 - e. PROVIDE DOOR STOPS AS NEEDED.
 - f. PROVIDE WEATHER STRIPPING AT ALL EXTERIOR DOORS.
 - g. IF APPLICABLE, ACCESS CONTROL, CARD READERS AND OTHER ELECTRONIC LOCKING SYSTEMS WILL BE PROVIDED AND INSTALLED BY THE OWNER. COORDINATE INSTALLATION WITH THE OWNER'S VENDOR.
 - h. ALL DOOR HARDWARE TO BE LEVER TYPE & NO THUMB LOCKS ARE PERMITTED.
- COORDINATE ALL WINDOW AND DOOR SELECTIONS W/ OWNER AND/OR ARCHITECT INCLUDING, BUT NOT LIMITED TO: MANUFACTURER, TYPE, STYLE, MATERIAL(S), FINISH, ENERGY EFFICIENCY, MUNTIN/LITE PATTERN AND HARDWARE. VERIFY AND COORDINATE ALL UNIT SIZES, HEAD AND SILL HEIGHTS, AND ROUGH OPENING DIMENSIONS. COORDINATE AND INSTALL BRICK MOLD, EXTERIOR CASING, INTERIOR TRIM, SHUTTERS, DECORATIVE ELEMENTS, ETC. AS APPLICABLE. SEE ELEVATIONS. COORDINATE REPLACEMENT AND/OR REFURBISHMENT OF EXISTING WINDOWS IN EXISTING OPENINGS AS APPLICABLE. VERIFY ALL SIZES. INSTALL AS PER MANUFACTURER'S REQUIREMENTS. VERIFY THAT ALL APPLICABLE WINDOWS MEET CODE REQUIREMENTS FOR EGRESS. COORDINATE REQUIRED WINDOW SIZES IN FIELD BASED ON WINDOW MANUFACTURER, ETC. ALL SPECIFIED SIZES CORRESPOND TO STANDARD WINDOW UNITS AND ARE PROVIDED SOLELY FOR PLANNING, CLARITY, AND UNIFORMITY.

*T = TEMPERED GLAZING

WINDOW TYPE LEGEND



FIRST FLOOR - ANNOTATED PLAN

1/4" = 1'-0"



REVISIONS:

NO.	DATE	DESCRIPTION

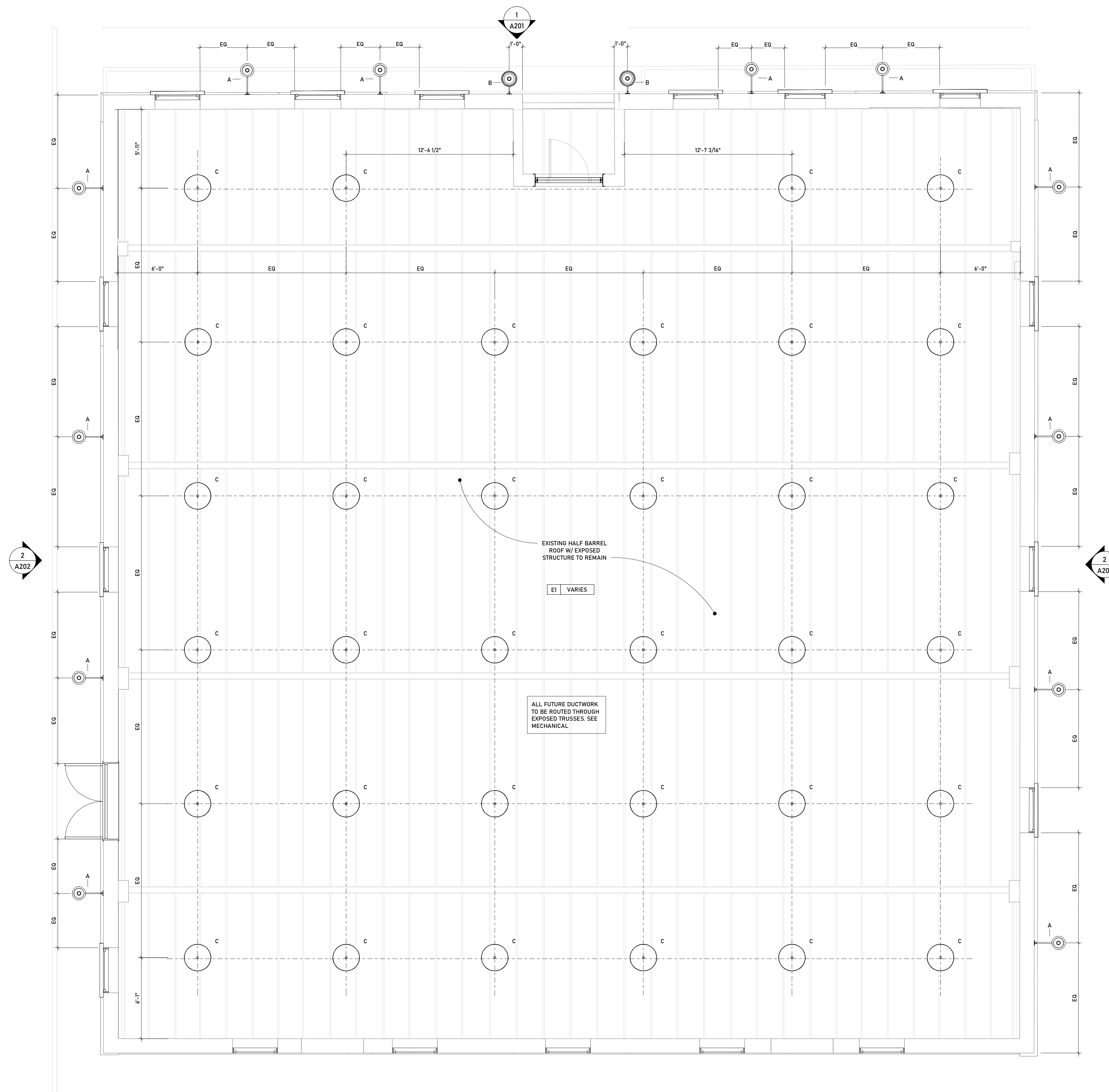
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CONSTRUCTION DOCUMENTS

DATE: 03/06/26
DRAWN BY: Author
PROJECT NO.: 2554

SHEET NO.:

A101



1 FIRST FLOOR - REFLECTED CEILING PLAN
1/4" = 1'-0"



RCP GENERAL NOTES

- PAINT DESIGNATED FOR EXPOSED OVERHEAD STRUCTURE IS TO INCLUDE ALL EXPOSED COMPONENTS INCLUDING (BUT NOT EXCLUSIVE TO) DECKING, STRUCTURAL MEMBERS, MECHANICAL AND ELECTRICAL DELIVERY SYSTEMS, FIRE PROTECTION SYSTEMS (EXCLUDING SPRINKLER HEADS), AND ALL OTHER MISCELLANEOUS BUILDING SYSTEMS LOCATED OVERHEAD. EACH OF THE AFOREMENTIONED CATEGORIES IS TO INCLUDE ANY AND ALL ASSOCIATED SUPPORTS, FASTENERS, HANGERS, STRUTS, BRACES, BRACKETS, ETC.
- LIGHT FIXTURES SHOWN TO INDICATE PROPOSED FIXTURES & GENERAL DESIGN INTENT.
- FINISHED CEILING HEIGHTS ARE MARKED FROM TOP OF FINISH FLOOR (UNLESS NOTED OTHERWISE).
- COORDINATE LOCATION OF FIXTURES WITH MECHANICAL, ELECTRICAL, PLUMBING, FIRE SUPPRESSION AND TECHNOLOGY DRAWINGS. NOTIFY ARCHITECT OF ANY CONFLICT BETWEEN TRADESPRIOR TO INSTALLATION.
- FACE OF BULKHEADS ARE TO ALIGN WITH FACE OF ADJACENT WALLS TO WHICH BULKHEADS ARE PARALLEL, UNLESS NOTED OTHERWISE OR DIMENSIONED.
- ALL GYPSUM BOARD SOFFITS & CEILINGS TO BE PAINTED FLAT CEILING WHITE (UNLESS NOTED OTHERWISE).
- ALL GYPSUM SOFFITS IN FOOD SERVICE AREAS TO BE PAINTED WITH A SATIN FINISH.
- PAINT DUCTWORK INSIDE AIR GRILLES FLAT BLACK.
- CEILING GRIDS ARE CENTERED ON ROOM, U.N.O. OR DIMENSIONED.
- WHERE EXIT SIGNS OCCUR OVER A DOOR OR PAIR OF DOORS, CENTER SIGN ON DOOR OPENING.

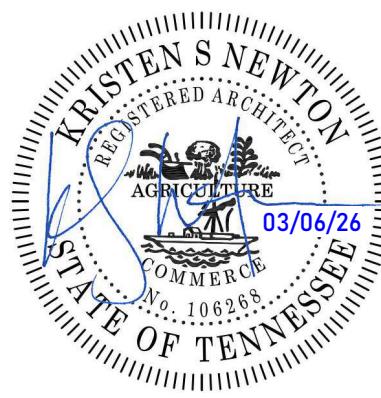
RCP LEGEND

	A1 ACOUSTIC CEILING TYPE 1: 2'x2' LAY-IN CEILING
	A2 ACOUSTIC CEILING TYPE 2: 2'x4' LAY-IN CEILING
	E1 EXPOSED STRUCTURE ABOVE
	G1 GYPSUM BOARD CEILING OR SOFFIT
	2x2 FLUORESCENT LIGHT FIXTURE (SHADING DENOTES EMERGENCY FIXTURE)
	2x4 FLUORESCENT LIGHT FIXTURE (SHADING DENOTES EMERGENCY FIXTURE)
	1x4 FLUORESCENT LIGHT FIXTURE (SHADING DENOTES EMERGENCY FIXTURE)
	1x8 FLUORESCENT LIGHT FIXTURE (SHADING DENOTES EMERGENCY FIXTURE)
	RECESSED CAN LIGHT
	SURFACE MOUNTED LIGHT
	LINEAR COVE LIGHT
	EXIT LIGHT WITH DIRECTIONAL ARROW
	EXIT LIGHT
	SUPPLY DIFFUSER
	LINEAR DIFFUSER
	EXHAUST/RETURN GRILLE
	SPEAKER
	CEILING TAG WITH HEIGHT

NOTE: COORDINATE ARCHITECTURAL REFLECTED CEILING PLANS WITH THE MECHANICAL AND ELECTRICAL DRAWINGS FOR NUMBER OF, AND LOCATIONS OF, AND TYPES OF FIXTURES AND GRILLES. NOT ALL ITEMS SHOWN ON LEGEND MAY BE PRESENT IN PROJECT.

PROJECT TITLE
111 NASHVILLE HIGHWAY

CONSULTANTS
111 NASHVILLE HIGHWAY
COLUMBIA, TN 38401



REVISIONS:

NO.	DATE	DESCRIPTION

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SHEET TITLE
FIRST FLOOR
RCP - OVERALL

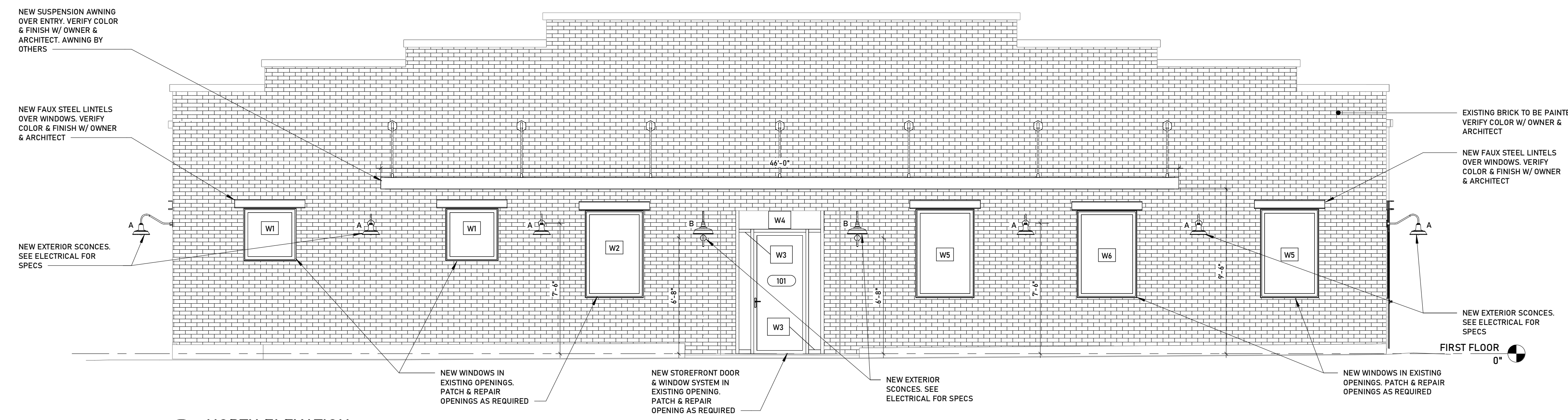
CONSTRUCTION DOCUMENTS
DATE: 03/06/26
DRAWN BY: Author
PROJECT NO.: 2554

SHEET NO.:

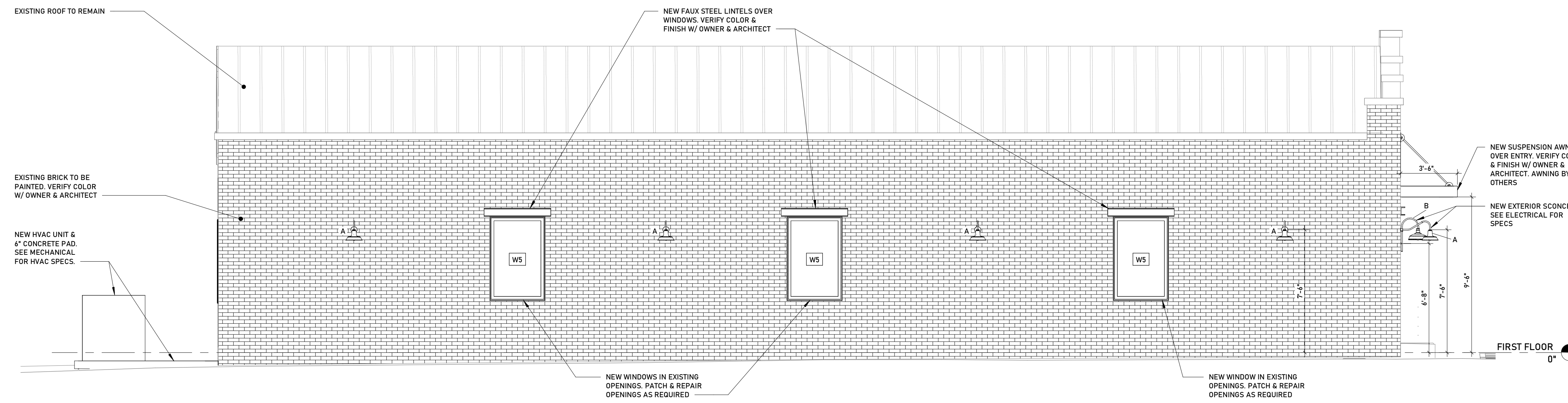
A110

GENERAL NOTES - EXT ELEVS

- EXTERIOR ELEVATIONS MAY NOT BE VISUALLY REPRESENTATIVE OF ACTUAL SITE CONDITIONS. VERIFY AND COORDINATE ALL DRAWINGS W/ GRADING IN FIELD.
- CONTRACTOR SHALL VERIFY AND/OR OBSERVE ALL DIMENSIONS AND EXISTING CONDITIONS AND EVALUATE OVERALL STRUCTURAL INTEGRITY PRIOR TO DEMOLITION OR NEW CONSTRUCTION. ALL WORK SHALL CONFORM TO THE DRAWINGS AND SPECIFICATIONS (IF PROVIDED). THE ARCHITECT SHALL BE NOTIFIED IMMEDIATELY OF ANY VARIANCES, INACCURACIES, DISCREPANCIES, INCONSISTENCIES, OR CONFLICTS. TOLERANCES SHALL BE ASSUMED TO APPLY TO ALL DIMENSIONS RELATING TO EXISTING CONDITIONS. ALL OTHER DIMENSIONS AND THE OVERALL DESIGN INTENT SHALL BE EVALUATED AND CONFIRMED BASED ON THE EXISTING STRUCTURE.
- ALL EAVES, FASCIA BOARDS, AND GUTTERS ARE TO ALIGN AS ILLUSTRATED ON EXTERIOR ELEVATIONS. OBSERVE AND COORDINATE FRAMING CONDITIONS PRIOR TO CONSTRUCTION. BEARING HEIGHTS AND FRAMING CONNECTIONS SHOULD BE COORDINATED TO FACILITATE EAVE ALIGNMENTS, ETC. STRUCTURAL ROOF FRAMING IS ASSUMED TO BE 2X DIMENSIONAL LUMBER UNLESS NOTED OTHERWISE OR DETAILS. ACTUAL CONDITIONS MAY DEVIATE SLIGHTLY FROM THE CALCULATED, ASSUMED, AND EXPRESSED EXTERIOR REPRESENTATIONS BASED ON ACTUAL FRAMING METHODS, LUMBER DIMENSIONS, AND BEARING HEIGHTS. EVALUATE CONDITIONS AT CRITICAL LOCATIONS PRIOR TO COMPLETION OF FRAMING. COORDINATE W/ OWNER AND/OR ARCHITECT.
- COORDINATE ALL WINDOW AND DOOR SELECTIONS W/ OWNER AND/OR ARCHITECT INCLUDING, BUT NOT LIMITED TO, MANUFACTURER, TYPE, STYLE, MATERIAL(S), FINISH, ENERGY EFFICIENCY, MUNTIN/LITE PATTERN AND HARDWARE. VERIFY AND COORDINATE ALL UNIT SIZES, HEAD AND SILL HEIGHTS, AND ROUGH OPENING DIMENSIONS. COORDINATE AND INSTALL BRICK MOLD, EXTERIOR CASING, INTERIOR TRIM, SHUTTERS, DECORATIVE ELEMENTS, ETC. AS APPLICABLE. SEE ELEVATIONS. COORDINATE REPLACEMENT AND/OR REFURBISHMENT OF EXISTING WINDOWS IN EXISTING OPENINGS AS APPLICABLE. VERIFY ALL SIZES. INSTALL AS PER MANUFACTURER'S REQUIREMENTS. COORDINATE REQUIRED WINDOW SIZES IN FIELD BASED ON WINDOW MANUFACTURER, ETC. ALL SPECIFIED SIZES CORRESPOND TO STANDARD WINDOW UNITS AND ARE PROVIDED SOLELY FOR PLANNING, CLARITY, AND UNIFORMITY.
- COORDINATE DRIVEWAY, SIDEWALKS, REQUIRED RETAINING WALLS, ALL LANDSCAPE AND HARDSCAPE ELEMENTS, AND ALL OTHER SITE IMPROVEMENTS W/ OWNER AND ARCHITECT. OBSERVE AND VERIFY ALL EXISTING SITE CONDITIONS AND COORDINATE GRADING IN FIELD BASED ON EXISTING AND PROPOSED ELEVATIONS. GRADES AND ALL SITE ELEMENTS ON ARCHITECTURAL PLANS ARE ONLY REPRESENTATIONAL.

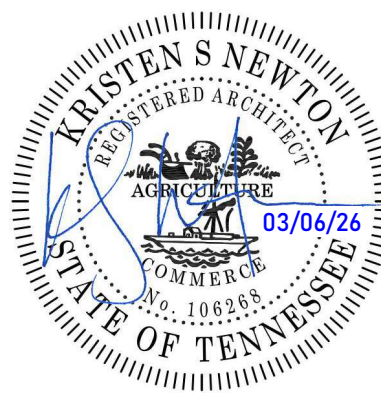


1 NORTH ELEVATION
1/4" = 1'-0"



2 EAST ELEVATION
1/4" = 1'-0"

PROJECT TITLE
111 NASHVILLE HIGHWAY



REVISIONS:

NO.	DATE	DESCRIPTION

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SHEET TITLE
EXTERIOR ELEVATIONS

CONSTRUCTION DOCUMENTS
DATE: 03/06/26
DRAWN BY: Author
PROJECT NO.: 2554

SHEET NO.:

A201

CONSULTANTS:

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COLUMBIA, TN 38401

ARCHITECTURE
INTERIORS
CIVIL SITE

118 SOUTH MAIN ST. COLUMBIA, TN 38401 | 615.477.7271 | WWW.TKC-AE.COM

GENERAL NOTES - EXT ELEVS

- EXTERIOR ELEVATIONS MAY NOT BE VISUALLY REPRESENTATIVE OF ACTUAL SITE CONDITIONS. VERIFY AND COORDINATE ALL DRAWINGS W/ GRADING IN FIELD.
- CONTRACTOR SHALL VERIFY AND/OR OBSERVE ALL DIMENSIONS AND EXISTING CONDITIONS AND EVALUATE OVERALL STRUCTURAL INTEGRITY PRIOR TO DEMOLITION OR NEW CONSTRUCTION. ALL WORK SHALL CONFORM TO THE DRAWINGS AND SPECIFICATIONS (IF PROVIDED). THE ARCHITECT SHALL BE NOTIFIED IMMEDIATELY OF ANY VARIANCES, INACCURACIES, DISCREPANCIES, INCONSISTENCIES, OR CONFLICTS. TOLERANCES SHALL BE ASSUMED TO APPLY TO ALL DIMENSIONS RELATING TO EXISTING CONDITIONS. ALL OTHER DIMENSIONS AND THE OVERALL DESIGN INTENT SHALL BE EVALUATED AND CONFIRMED BASED ON THE EXISTING STRUCTURE.
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ARCHITECTURE
INTERIORS
CIVIL SITE

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111 NASHVILLE HIGHWAY
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PROJECT TITLE

CONSULTANTS

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COLUMBIA, TN 38401



REVISIONS:

NO.	DATE	DESCRIPTION

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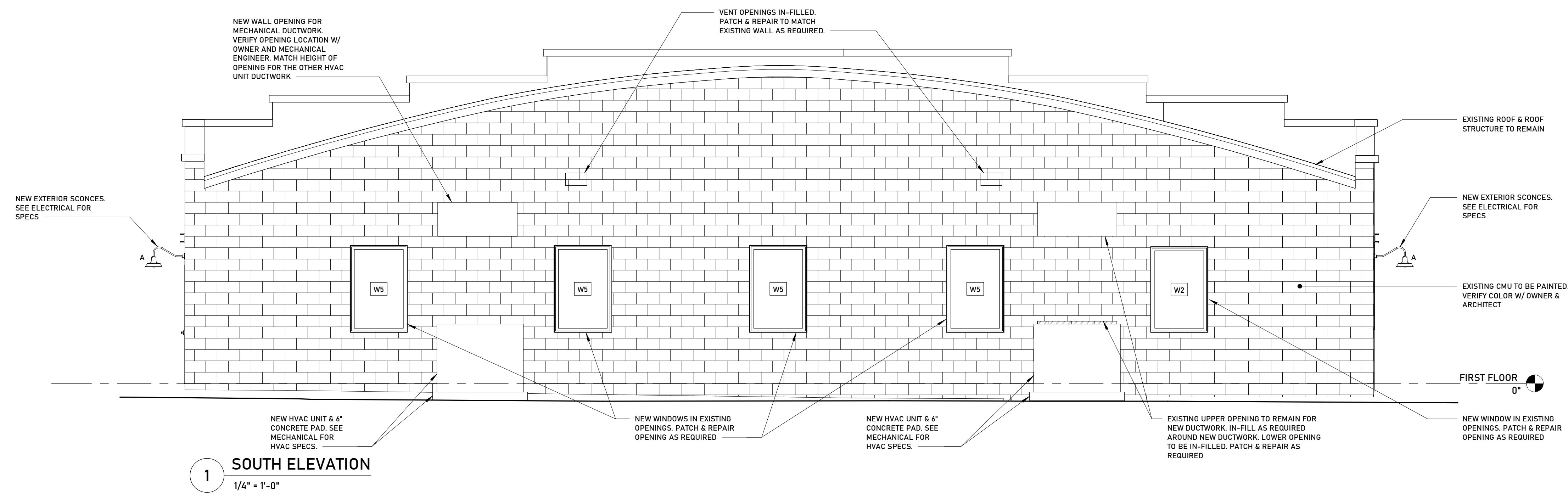
CONSTRUCTION DOCUMENTS

DATE: 03/06/26

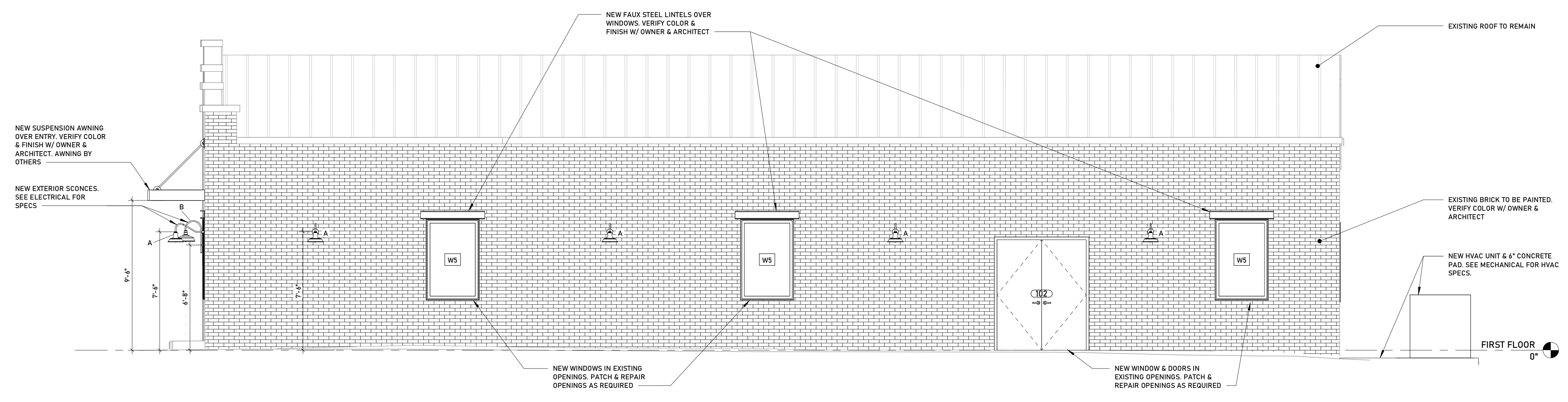
DRAWN BY: Author

PROJECT NO.: 2554

SHEET NO.: A202

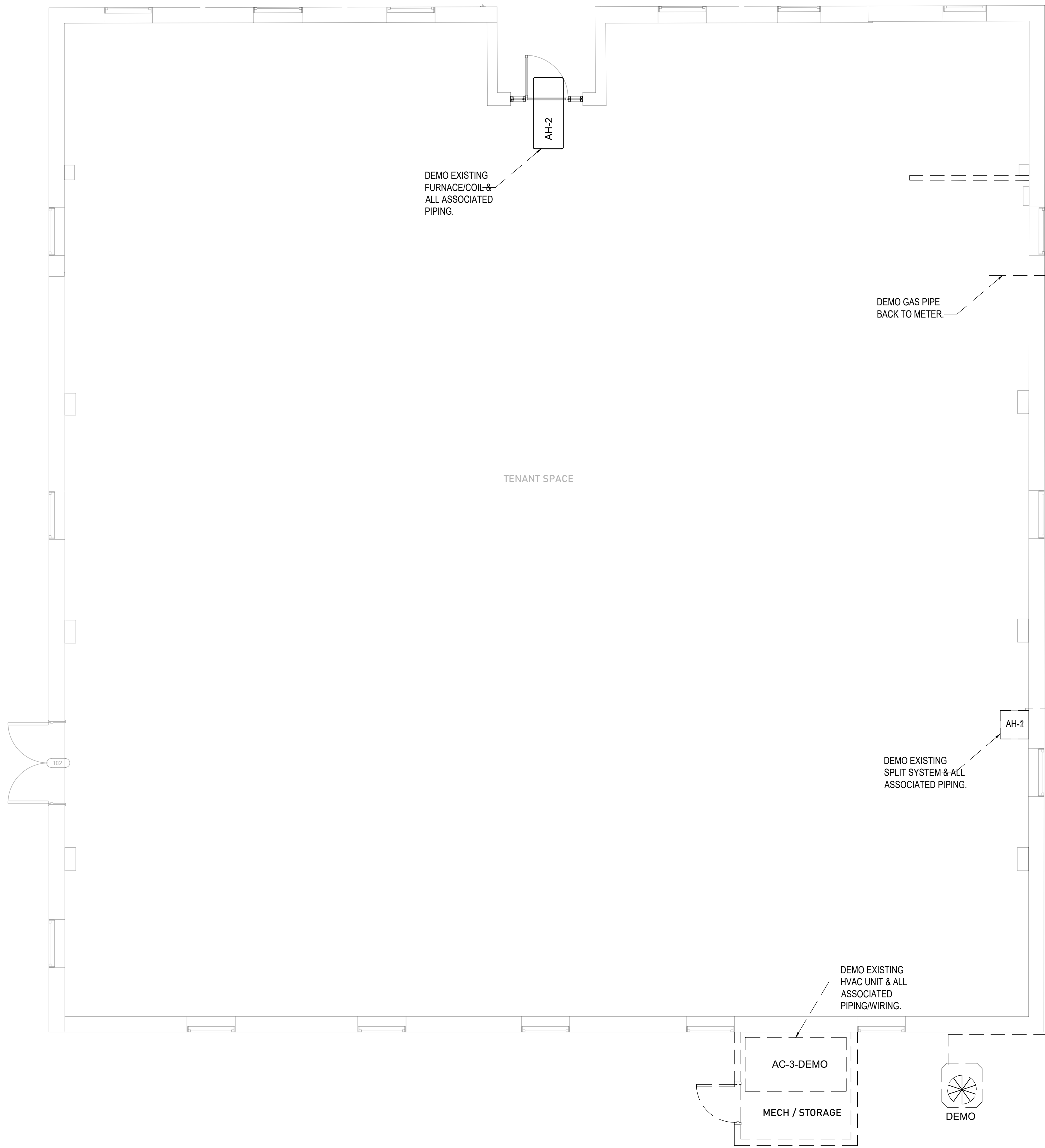


1 SOUTH ELEVATION
1/4" = 1'-0"



2 WEST ELEVATION
1/4" = 1'-0"

EXTERIOR
ELEVATIONS





- ### MECHANICAL DEMOLITION NOTES
1. CONTRACTOR SHALL VERIFY EXISTING SITE CONDITIONS INCLUDING, BUT NOT *PIPE SIZES AND ROUTING.
*DUCT SIZES AND ROUTING.
*EQUIPMENT CONNECTIONS AND LOCATIONS.
*CONTROLS.
 2. REMOVE ALL EQUIPMENT, DUCTWORK, PIPING, CONTROLS, AND APPURTENANCES SHOWN ON DEMOLITION SHEET UNLESS NOTED OTHERWISE.
 3. REMOVE EXISTING THERMOSTATS AND CONTROL DEVICES SERVING DEMOLISHED EQUIPMENT.
 4. EXISTING SYSTEMS AND INFORMATION SHOWN ON THESE PLANS WERE DEVELOPED USING EXISTING BUILDING DRAWINGS. CONTRACTOR SHALL VERIFY ALL EXISTING SYSTEMS AT SITE. REMOVE ALL PORTIONS OF DUCT AND PIPING SYSTEMS SHOWN ON DEMOLITION SHEET. CLOSELY COORDINATE NEW MECHANICAL WORK WITH PLUMBING AND ELECTRICAL CONTRACTORS. PROVIDE OFFSETS IN EXISTING AND NEW SYSTEMS AS REQUIRED TO AVOID CONFLICTS. IF MORE THAN ONE OFFSET IS REQUIRED IN A DUCT SYSTEM, APPROVAL IS REQUIRED BY ENGINEER.
 5. REMOVE ASSOCIATED DISCONNECTS, SUPPORTS, AND CONTROL WIRING SERVING REMOVED EQUIPMENT. REMOVE AND RELOCATE SMALL CONDUIT, CABLES, PIPES AND DUCT, PIPE, ETC. AS NECESSARY TO ACHIEVE A COMPLETE INSTALLED MECHANICAL SYSTEM AS SHOWN ON DRAWINGS.
 6. PATCH ALL WALLS, FLOORS, ROOFS AND CEILINGS TO MATCH EXISTING OR NEW (IF APPLIED) FOR ALL OPENINGS CREATED BY DEMOLITION WORK OF EQUIPMENT AND HVAC SERVICE PENETRATIONS.
 7. CONTRACTOR TO VERIFY OPERATION OF EXISTING GAS AND WATER METERS. EQUIPMENT BEING DEMOLISHED IS THE RESPONSIBILITY OF MECHANICAL CONTRACTOR.
 8. CONTRACTOR SHALL DISPOSE OF ALL DEMOLISHED MATERIALS OFF-SITE IN ACCORDANCE WITH REGULATIONS.
 9. REFER TO ELECTRICAL PLANS FOR EXTENT OF DEMOLITION WORK RELATING TO WIRING FOR SUPPORT OF HVAC EQUIPMENT REMOVED.
 10. DEMOLITION SHALL COMPLY WITH ALL APPLICABLE LOCAL CODES AND REGULATIONS.
 11. PROTECT EXISTING FINISHES, AND STRUCTURAL ELEMENTS THAT ARE TO REMAIN.
 12. RECOVER REFRIGERANT IN ACCORDANCE WITH EPA REQUIREMENTS PRIOR TO EQUIPMENT REMOVAL.

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APPLICABLE CODES & REGULATIONS

2024	INTERNATIONAL BUILDING CODE (IBC)
2024	INTERNATIONAL FUEL GAS CODE (IFGC)
2024	INTERNATIONAL MECHANICAL CODE (IMC)
2024	INTERNATIONAL PLUMBING CODE (IPC)
2024	INTERNATIONAL FIRE CODE (IFC)
2017	NATIONAL ELECTRICAL CODE (NEC)
2024	INTERNATIONAL ENERGY CONSERVATION CODE (IECC)
2024	INTERNATIONAL EXISTING BUILDING CODE

LEGEND

---	NATURAL GAS PIPING-EXISTING
---	DEMOLITION
	CONDENSER UNIT
	GAS FURNACE/ DX COIL/FAN COIL



REV:	DESCRIPTION:	BY:	DATE:



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 FLORENCE, AL. 35630
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 CLIENT:


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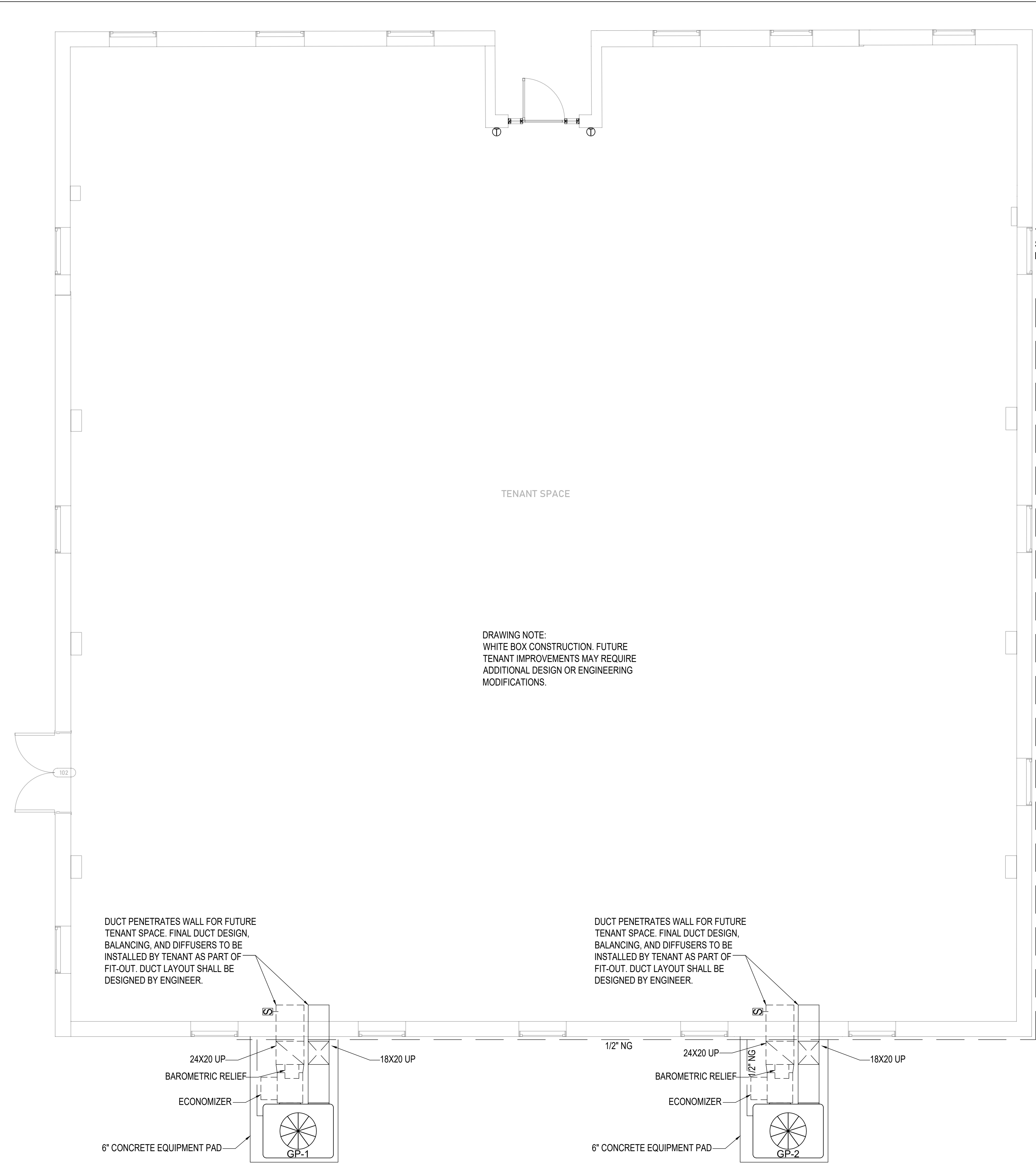
LOCATION:
 111 NASHVILLE HIGHWAY
 COLUMBIA, TN. 38401

TITLE:
 MECHANICAL DEMOLITION PLAN

SCALE: 1/4" = 1'-0" SIZE: ARCH D DATE: 03/06/2026 DRAWN: TJO

CHECKED BY: TJO PROJECT NO. 26013 ISSUED FOR: REVIEW SHEET: **M1.1** OF 5

 **MECHANICAL DEMOLITION PLAN**
SCALE: 1/4" = 1'-0"



MECHANICAL ABBREVIATIONS

AC - AIR CONDITIONING UNIT	HWC - HOT WATER CONVERTER
AD - ACCESS DOOR	HWP - HOT WATER PUMP
AFF - ABOVE FINISHED FLOOR	HWR - HEATING HOT WATER RETURN
AHU - AIR HANDLING UNIT	HWS - HEATING HOT WATER SUPPLY
AL - ACOUSTICAL LINING	HX - HEAT EXCHANGER
AP - ACCESS PANEL	HZ - HERTZ
B - BOILER	ID - INSIDE DIAMETER
BB - ELECTRIC BASEBOARD RADIATION	LAT - LEAVING AIR TEMPERATURE
BDD - BACKDRAFT DAMPER	LWT - LEAVING WATER TEMPERATUR
BFC - BELOW FINISHED CEILING	LD - LINEAR DIFFUSER
BOB - BOTTOM OF BEAM	LF - LINEAR FEET
BOD - BOTTOM OF DUCT	MBH - 1000 BTU PER HOUR
BOP - BOTTOM OF PIPE	MC - MECHANICAL CONTRACTOR
C - CHILLER	MTD - MOUNTED
CD - CEILING DIFFUSER	MOD - MOTOR OPERATED DAMPER
CFM - CUBIC FEET PER MINUTE	MUA - MAKE UP AIR UNIT
CHWP - CHILLED WATER PUMP	NC - NORMALLY CLOSED
CHWR - CHILLED WATER RETURN	NO - NORMALLY OPEN
CHWS - CHILLED WATER SUPPLY	NIC - NOT IN CONTRACT
CO - CLEAN OUT	NK - NECK
CP - CONDENSATE PUMP	OA - OUTSIDE AIR
CWR - CONDENSER WATER RETURN	OAI - OUTSIDE AIR INTAKE
CWS - CONDENSER WATER SUPPLY	OAT - OUTSIDE AIR TEMPERATURE
CT - COOLING TOWER	OC - ON CENTER
CU - CONDENSING UNIT	OD - OUTSIDE DIAMETER
CUH - CABINET UNIT HEATER	OBD - OPPOSED BLADE DAMPER
CVB - CONSTANT VOLUME BOX	PBD - PARALLEL BLADE DAMPER
CWP - CONDENSER WATER PUMP	PKGD - PACKAGED UNIT ON GROUND
DB - DRY BULB	PRV - PRESSURE REDUCING VALVE
DS - DUCT SILENCER	PTAC - PACKAGED TERMINAL AIR COND
DWP - DOMESTIC WATER PUMP	RA - RETURN AIR
EAT - ENTERING AIR TEMPERATURE	RAG - RETURN AIR GRILLE
EC - ELECTRICAL CONTRACTOR	RAR - RETURN AIR REGISTER
EF - EXHAUST FAN	RCP - REFLECTED CEILING PLAN
EJ - EXPANSION JOINT	RHC - REHEAT COIL
ER - EXHAUST REGISTER	RF - RETURN FAN
ESP - EXTERNAL STATIC PRESSURE	RTU - ROOFTOP PACKAGED UNIT
ET - EXPANSION TANK	SA - SUPPLY AIR
EWI - ENTERING WATER TEMPERATURE	SAR - SUPPLY AIR REGISTER
EWC - ELECTRIC WATER COOLER	SCG - SMOKE CONTROL GRILLE
FA - FREE AREA	SD - SMOKE DUCT DETECTOR
FX - FLEXIBLE CONNECTION	SEF - SMOKE EXHAUST FAN
FC - FURNACE COIL UNIT	SF - SUPPLY FAN
FCU - FAN COIL UNIT	SP - STATIC PRESSURE
FD - FIRE DAMPER	TEMP - TEMPERATURE
FLR - FLOOR	TSTAT - THERMOSTAT
FOB - FLAT ON BOTTOM	TG - TRANSFER GRILLE
FOT - FLAT ON TOP	TYP - TYPICAL
FP - FIRE PUMP	UH - UNIT HEATER
FPM - FEET PER MINUTE	UON - UNLESS OTHERWISE NOTED
FTR - FINNED TUBE RADIATION	VAV - VARIABLE AIR VOLUME UNIT
GC - GENERAL CONTRACTOR	VD - VOLUME DAMPER
GPH - GALLONS PER HOUR	VSD - VARIABLE SPEED DRIVE
GPM - GALLONS PER MINUTE	VTR - VENT THROUGH ROOF
HD - HAND DAMPER	VTW - VENT THROUGH WALL
HP - HEAT PUMP	WB - WET BULB
HV - HEATING AND VENTILATING UNIT	WMS - WIRE MESH SCREEN

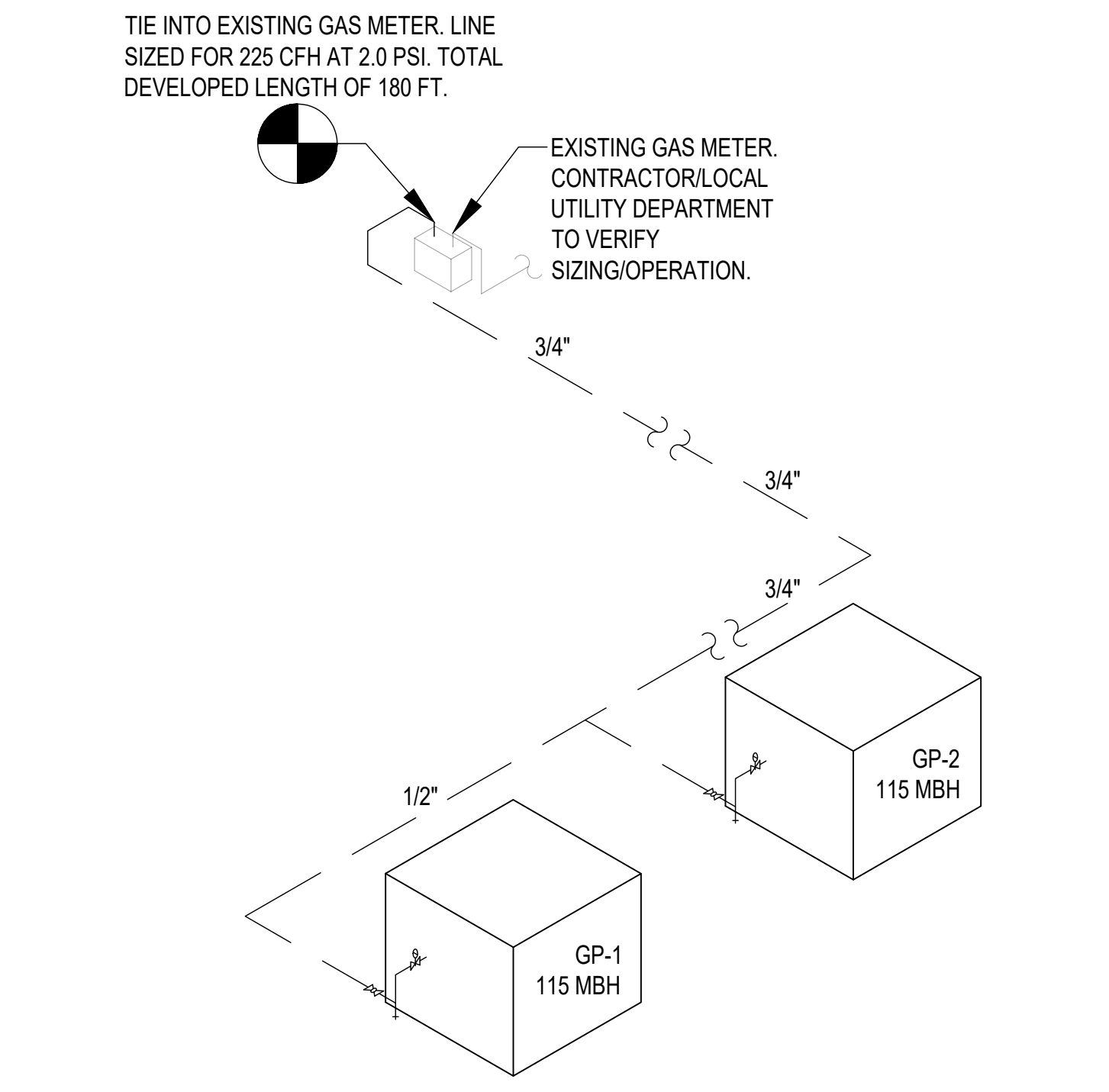
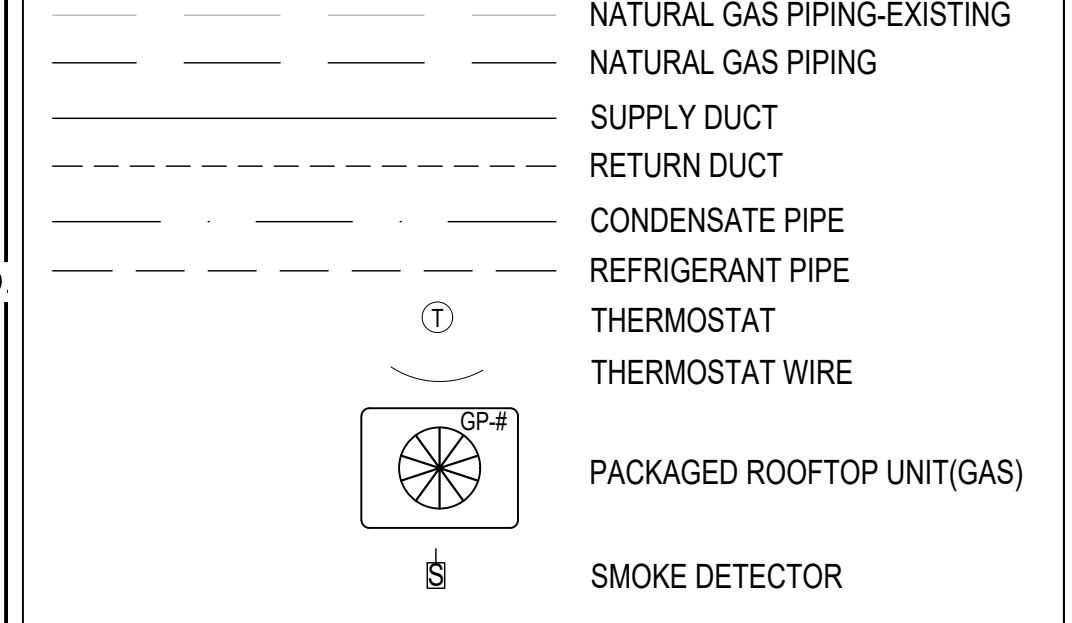
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APPLICABLE CODES & REGULATIONS

2024	INTERNATIONAL BUILDING CODE (IBC)
2024	INTERNATIONAL FUEL GAS CODE (IFGC)
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2017	NATIONAL ELECTRICAL CODE (NEC)
2024	INTERNATIONAL ENERGY CONSERVATION CODE (IECC)
2024	INTERNATIONAL EXISTING BUILDING CODE

LEGEND



GAS PIPING DIAGRAM
SCALE: N.T.S.

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

REV:	DESCRIPTION:	BY:	DATE:
------	--------------	-----	-------



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FLORENCE, AL. 35630
(256)577-1267
TANNER@STEADFASTSOLUTIONS-ENG.COM
CLIENT:

DEREK BELL

LOCATION:
111 NASHVILLE HIGHWAY
COLUMBIA, TN. 38401

TITLE:
MECHANICAL PLANS

SCALE: 1/4" = 1'-0"	SIZE: ARCH D	DATE: 03/06/2026	DRAWN: TJO
CHECKED BY: TJO	PROJECT NO. 26013	ISSUED FOR: REVIEW	SHEET: M1.2 OF 5

GAS PACKAGED AIR HANDLING UNIT SCHEDULE																										
TAG	LOCATION	AIRFLOW	OA CFM	INDOOR FAN					COMPRESSOR			COOLING		GAS HEAT				ELECTRICAL DATA			MANUFACTURER AND MODEL	SEER2 @AHRI	EER2 @AHRI	REMARKS		
				FAN TYPE	QTY.	TOTAL CFM	TSP (IN.WG)	ESP (IN.WG)	HP	REFRIG. TYPE	QTY.	TYPE	TOTAL (MBH)	SENS. (MBH)	INPUT (MBH)	OUTPUT (MBH)	NATURAL GAS SUPPLY PRESSURE (PSIG)	CONNECTION SIZE (IN)	THERMAL EFFICIENCY (%)	VOLTS/PH/Hz					MCA (AMPS)	MOP (AMPS)
GP-1	EXTERIOR	HORIZONTAL	160	DIRECT	1	2000	0.72	0.6	3/4	R-454B	1	SCROLL	59.4	44.9	115	93.2	0.18 - 0.47	3/4 NPT	81	230/1/60	41	60	TRANE 5YCC4060A1115	13.4	11	1,2,3,4,5,6
GP-2	EXTERIOR	HORIZONTAL	160	DIRECT	1	2000	0.72	0.6	3/4	R-454B	1	SCROLL	59.4	44.9	115	93.2	0.18 - 0.47	3/4 NPT	81	230/1/60	41	60	TRANE 5YCC4060A1115	13.4	11	1,2,3,4,5,6

1. ACCEPTABLE MANUFACTURERS: CARRIER, DAIKIN, RHEEM OR PRE-APPROVED EQUAL.
2. FIELD INSTALLED 1-2" FILTER FRAME MODEL # BAYFLTR201C.
3. FIELD INSTALLED HORIZONTAL ECONOMIZER WITH DRY BULB CONTROL MODEL # BAYECON206A.
4. FIELD INSTALLED BAROMETRIC RELIEF DAMPER WITH HOOD. PLENUMS OF FLORIDA, MODEL # 12BRS.
5. TRANE FACTORY CONTROLS.
6. PROVIDE & INSTALL WIRED, PROGRAMMABLE, DIGITAL THERMOSTAT. TRANE MODEL # XR202.

VENTILATION CALCULATION																
ROOM #	ROOM TYPE	ROOM AREA SF (Az)	OCCUPANT DENSITY (#/1000 SF)	ZONE POP (# OF PER) (Pz)	OUTDOOR AIR (CFM/PER) (Rp)	OUTDOOR AIR (CFM/SF) (Ra)	EXHAUST / RELIEF AIRFLOW RATE (CFM)	BREATHING ZONE OA FLOW (CFM) (Vbz)	ZONE DISTRIBUTION EFFECTIVENESS (Ez)	ZONE PRIMARY AIRFLOW (CFM) (Vpz)	ZONE OUTDOOR AIRFLOW RATE (CFM) (VoZ)	PRIMARY OUTDOOR AIR FRACTION (Zp)	SYSTEM VENTILATION EFFICIENCY (Ev)	OCCUPANT DIVERSITY FACTOR (D)	OUTDOOR AIR INTAKE FLOW RATE (Vot)	TOTAL OUTDOOR AIR INTAKE FLOW RATE PER UNIT
Tenant	BUSINESS	4672	5	33	5	0.06	-	445	1	4000	445	0.11	1.0	1	445	445

NOTES:
1 VENTILATION BASED ON BUSINESS/OFFICE OCCUPANCY. TENANT IMPROVEMENT TO VERIFY COMPLIANCE WITH ACTUAL OCCUPANCY

ROUND DUCT SYSTEM GAUGE						
ROUND DUCTWORK, GALVANIZED STEEL GAUGE SELECTION						
DUCT DIAMETER (INCHES)	MAX. 2-IN.WC STATIC PRESSURE (POSITIVE)		MAX. 10-IN.WC STATIC PRESSURE (POSITIVE)		MAX. 2-IN.WC STATIC PRESSURE (NEGATIVE)	
	SPIRAL SEAM (GAUGE)	LONGITUDINAL SEAM (GAUGE)	SPIRAL SEAM (GAUGE)	LONGITUDINAL SEAM (GAUGE)	SPIRAL SEAM (GAUGE)	LONGITUDINAL SEAM (GAUGE)
3-8	28	28	26	24	28	24
9-14	28	26	26	24	26	24
15-26	26	24	24	22	24	22
27-36	24	22	22	20	22	20

RECTANGULAR DUCT SYSTEM GAUGE			
RECTANGULAR DUCTWORK 1/2" IN-WC POSITIVE OR NEGATIVE STATIC PRESSURE. FROM 0-2000FPM DUCT VELOCITY, BASED ON PROPER REINFORCEMENT SPACED AT 10 FT INTERVALS.			
LARGEST DIMENSION (INCHES)	GALVANIZED STEEL (GAUGE)	ALUMINUM B&S (GAUGE)	COPPER B&S (GAUGE)
0-26	26	24	24
27-30	24	22	20
31-36	22	20	10
37-40	20	10	10

GAS PIPING NOTES:
1. APPLIANCES SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURERS SPECIFICATIONS AND IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL CODES.
2. PIPE, FITTINGS, VALVES, AND OTHER MATERIALS TO BE USED IN GAS SERVICE SHALL HAVE BEEN ASCERTAINED TO BE ADEQUATE FOR THE SERVICE INTENDED.
3. GAS PIPING MATERIALS: STEEL AND WROUGHT IRON PIPE SHALL BE AT LEAST SCHEDULE 40 WITH THREADED FITTINGS. ALUMINUM ALLOY PIPE SHALL NOT BE USED IN EXTERIOR LOCATIONS OR UNDERGROUND. CAST IRON SHALL NOT BE USED.
4. GAS PIPING SIZES ARE BASED ON A 2 PSIG SUPPLY GAS PRESSURE ON THE CUSTOMER SIDE OF METER.
5. PRIOR TO INITIAL OPERATION, ALL PIPING SHALL BE INSPECTED AND PRESSURE TESTED BY THE CONTRACTOR.
6. ANNULAR OPENINGS FOR PIPE PENETRATIONS SHALL BE GREATER THAN THE PIPE DIAMETER AND SHALL BE SLEEVED.
7. THE CONTRACTOR SHALL PROVIDE FOR PRESSURE REGULATORS TO MEET FURNACE DESIGN INLET PRESSURES. THE CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY ALL PRESSURES ARE COMPLIANT WITH MANUFACTURERS SPECIFICATIONS.
8. QUICK CLOSING VALVE IS TO BE INSTALLED DOWNSTREAM OF METER. LITTLE FIREFIGHTER. MODEL #AGV-125, RATED AT 5 PSI WITH A CV VALUE OF 48.1. EQUAL OR EQUIVALENT VALVES WILL BE ACCEPTED.
9. CONTRACTOR SHALL PROVIDE A SAFE AND CLEAN WORKING ENVIRONMENT, CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL DEBRIS TO APPROPRIATE LOCATIONS.
10. ALL GAS PIPING TO BE LABELED 6'-0" O.C.
11. SECURE ALL OVERHEAD PIPING TO STRUCTURE WITH U-BOLTS. SECURE ALL VERTICAL GAS PIPING TO WALLS WITH UNISTRUT & PIPE CLAMPS.
12. PROVIDE DRIP LEGS AT ALL CHANGES FROM HORIZONTAL TO VERTICAL. SEE GAS CONNECTION TO EQUIPMENT DETAIL.

GENERAL MECHANICAL NOTES:
1. DUCT SIZES ARE BASED ON FREE AREA OPENING. SUPPLY DUCTS LOCATED IN INTERIOR UNCONDITIONED SPACES SHALL HAVE AN INSULATION RATING OF R-8 OR GREATER. SUPPLY AND RETURN DUCTS LOCATED IN EXTERIOR AREAS SHALL HAVE AN INSULATION VALUE OF R-13 OR GREATER. EXTERIOR INSULATION (IF USED) SHALL BE 2" POLYSOCYANURATE INSULATION, INCLUDE A VAPOR BARRIER, AND BE WRAPPED IN ALUMINUM PER DETAIL. ALTERNATE METHODS REQUIRE ENGINEERS APPROVAL. CONTRACTOR WILL ADJUST ACCORDINGLY TO COMPENSATE FOR DUCT LINER (IF USED). ROUND AND RECTANGULAR EQUIVALENT DIMENSIONS ARE ALLOWABLE.
2. DIFFUSERS SHALL HAVE A NOISE CRITERIA OF NC 25 OR BELOW BASED UPON FLOW RATES. DIFFUSERS SHALL HAVE A THROW AND DROP PERFORMANCE TO PROVIDE APPROPRIATE COVERAGE TO THE CONDITIONED AREAS. ALL DIFFUSERS SHALL PROVIDE FOR ADJUSTABLE FLOWRATE. CONTRACTOR SHALL BE RESPONSIBLE FOR BALANCING TO DESIGN FLOWRATES PER DRAWING.
3. DUCT FITTINGS: * SUPPLY TAKE-OFF TO CEILING SUPPLY DIFFUSERS TO BE CONICAL TAP OR 45° SIDE TAP. * ALL DUCT RUN-OUTS TO HAVE LOCKING QUADRANT VOLUME DAMPERS. PROVIDE STAND-OFF BRACKET TO ACCOMMODATE INSULATION THICKNESS. * ALL 90° ROUND ELBOWS TO HAVE R/D=1.5 (UNLESS OTHERWISE NOTED). * ALL 90° RECTANGULAR ELBOWS TO HAVE DOUBLE WIDTH TURNING VANES (UNLESS OTHERWISE NOTED). * PROVIDE GARD ELBOW WHEN TRANSITIONING FROM RIGID TO FLEXIBLE DUCT WHEN CONNECTING TO AIR DEVICES. REFER TO DETAIL.
4. ALL DUCTWORK SHALL BE CONSTRUCTED FROM GALVANIZED STEEL IN CONFORMANCE WITH SMACNA "HVAC DUCT CONSTRUCTION STANDARDS," 2022.
5. MECHANICAL CONTRACTOR TO COORDINATE EXACT LOCATION OF DIFFUSERS AND GRILLES WITH GRID AND LIGHTS. CONNECT ALL DIFFUSERS AND GRILLES TO CEILING GRID OR STRUCTURE.
6. REFERENCE TO SPECIFIC MANUFACTURERS ARE USED TO ESTABLISH MINIMUM PERFORMANCE REQUIREMENTS AND QUALITY. EQUIVALENT MANUFACTURERS ARE ALLOWABLE.
7. ALL TAKE-OFFS SHALL BE EQUIPPED WITH MANUAL DAMPERS. BALANCE TO SPECIFIED FLOWRATES PER DRAWING.
8. VERIFY THERMOSTAT LOCATION WITH OWNER.
9. CONTRACTOR SHALL PROVIDE A SAFE AND CLEAN WORKING ENVIRONMENT, CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL DEBRIS TO APPROPRIATE LOCATIONS.
10. CONTRACTOR SHALL COMPLETELY INSULATE THE TOPS OF ALL CEILING DIFFUSERS.
11. MAINTAIN 10'-0" MINIMUM CLEARANCE BETWEEN OUTSIDE AIR INTAKES AND ALL EXHAUST FANS, FLUES, PLUMBING VENTS, ETC.
12. PROVIDE A FILTER BOX FOR EACH INDOOR UNIT.
13. OUTSIDE AIR DUCT SHALL CONNECT TO RETURN DUCT PRIOR TO FILTER BOX. EQUIP OUTSIDE AIR DUCT WITH AN AUTOMATIC DAMPER AND ADJUST TO SET AIRFLOW FOR EACH UNIT.
14. DUCTWORK LOCATED IN EXPOSED AREAS WITHIN THE CONDITIONED SPACE SHALL BE DOUBLE WALL. ROUND AND RECTANGULAR DUCT EQUIVALENT DIMENSIONS ARE ACCEPTABLE. FABRIC DUCT EQUIVALENTS ARE ACCEPTABLE.
15. AIR HANDLING UNITS OVER 2,000 CFM SHALL INCLUDE A DUCT SMOKE DETECTOR IN ITS RETURN DUCT BEFORE THE FIRST BRANCH RUN OUT. ALL DUCT DETECTORS LOCATED 10FT A.F.F. OR NOT READILY VISIBLE SHALL BE PROVIDED WITH A REMOTE TEST SWITCH. SMOKE DETECTORS SHALL BE TIED INTO EXISTING BUILDING FIRE ALARM SYSTEM AND INSTALLED ACCORDING TO NFPA 72 AND 90A. ACTIVATION OF DUCT SMOKE DETECTOR SHALL TRANSMIT SUPERVISORY/ALARM SIGNAL TO THE FIRE ALARM CONTROL PANEL. AUTOMATICALLY SHUT DOWN THE ASSOCIATED AIR HANDLING UNIT, AND CLOSE ASSOCIATED OUTDOOR/RETURN AIR DAMPERS WHERE PROVIDED.
16. ALL PENETRATIONS OF FIRE AND SMOKE RATED ASSEMBLIES SHALL BE APPROPRIATELY FIRE STOPPED PER AN APPROVED U.L. LISTED STANDARD. DUCTS PENETRATING WALLS OR PARTITIONS HAVING A FIRE RESISTANCE RATING OF 1 OR LESS THAN 3 HOURS SHALL INCLUDE FIRE DAMPERS AT THE PENETRATION. DAMPERS SHALL HAVE FIRE RESISTANCE RATING NO LESS THAN 1.5 HR. USE OF STATIC RATED DAMPERS IS ACCEPTABLE SINCE SYSTEM IS DESIGNED FOR AUTOMATIC SHUTDOWN IN CASE OF FIRE/SMOKE.
17. COORDINATE LOCATION OF DRAINS, THERMOSTATS, GAS OUTLETS, ETC. WITH ALL CASEWORK EQUIPMENT, MECHANICAL EQUIPMENT, ETC. PRIOR TO INSTALLATION. WORK NOT COORDINATED SHALL BE REMOVED AND PROPERLY INSTALLED AT THE CONTRACTORS EXPENSE.
18. THE CONTRACTOR SHALL NOT INTERRUPT EXISTING SERVICE UNLESS COORDINATED WITH OWNER, OWNERS REPRESENTATIVE, ARCHITECT. VERIFY ALL EXISTING UTILITIES LOCATION PRIOR TO COMMENCING WORK.
19. ALL WORK PERFORMED SHALL BE IN ACCORDANCE WITH ALL FEDERAL, STATE AND/OR LOCAL RULES, REGULATIONS, STANDARD AND SAFETY REQUIREMENTS. UTILITIES SHALL BE INSTALLED WITH THE APPLICABLE LOCAL UTILITIES STANDARDS. IN ALL CASES, THE MOST STRINGENT REQUIREMENT SHALL APPLY.
20. CONTRACTOR IS RESPONSIBLE FOR REMOVAL AND RE-INSTALLATION (OR REPLACEMENT, IF DAMAGED) OF ALL CEILING TILE, GRID MEMBERS, GYPSUM BOARD, ETC NECESSARY TO PERFORM WORK. ANY PATCHING OF CEILING OR WALLS SHALL MATCH EXISTING CEILING OR WALL.
21. ALL NEW WORK SHALL BE HUNG FROM STRUCTURE, NOT FROM WORK OF OTHER TRADES, WHETHER EXISTING OR NEW.
22. COORDINATE ALL WORK WITH ANY PHASING REQUIREMENTS.
23. CONTRACTOR SHALL BE AWARE OF ANY UN-SEEN PLUMBING, HVAC, AND ELECTRICAL WORK DURING DEMOLITION. IF ANY IS UNCOVERED DURING DEMOLITION, THEN FIELD VERIFY THE USE OF THE ITEM AND PLAN ALTERNATE ROUTE TO RUN THESE ITEMS. CONTACT ENGINEER TO REVIEW THE ROUTING.
24. LOCATIONS OF PIPING, DUCTS AND EQUIPMENT ARE APPROXIMATE AND SUBJECT TO MINOR ADJUSTMENTS IN THE FIELD. DO NOT SCALE DRAWINGS. DO NOT CONSTRUCT OR FABRICATE ANY DUCTWORK PRIOR TO VERIFYING DUCTWORK CAN BE INSTALLED IN FIELD.
25. ALL OFFSETS IN DUCTS AND PIPING ARE NOT NECESSARILY SHOWN. PROVIDE ADDITIONAL OFFSETS WHERE NECESSARY.
26. COORDINATE ALL WORK WITH ELECTRICAL, PLUMBING AND OTHER TRADES TO AVOID INTERFERENCE.
27. INSTALL ALL PIPING, DUCTWORK AND EQUIPMENT IN STRICT ACCORDANCE WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS. IF DESIGN DOCUMENTS ARE IN CONFLICT WITH MANUFACTURER, ADVISE ENGINEER PRIOR TO INSTALLATION FOR CLARIFICATION.
28. SEAL ALL PENETRATIONS THROUGH WALLS, FLOORS AND ROOF AIRTIGHT, PROVIDE FIRE STOPPING IN FIRE PARTITION.
29. ALL MOTOR DRIVEN EQUIPMENT SHALL BE INSTALLED WITH FLEXIBLE CONNECTIONS TO DUCTWORK, PIPING, ETC UNLESS OTHERWISE NOTED
30. WHERE MOUNTING HEIGHTS ARE NOT INDICATED OR ARE IN CONFLICT WITH ANY OTHER BUILDING SYSTEMS, CONTACT THE ENGINEER BEFORE INSTALLATION. REFER TO ARCHITECTURAL SHEETS FOR WALL INTERIOR AND EXTERIOR ELEVATIONS, CEILING HEIGHTS AND ALL OTHER DETAILS PERTAINING TO THIS PROJECT.
31. ANY VIBRATING, OSCILLATING OR OTHER NOISE OR MOTION PRODUCING EQUIPMENT SHALL BE ISOLATED FROM SURROUNDING SYSTEMS IN AN APPROVED MANNER. NOISY OR STRUCTURALLY DAMAGING INSTALLATIONS SHALL BE SATISFACTORILY REPLACED OR REPAIRED AT THE INSTALLING CONTRACTOR'S EXPENSE. THE FINAL DECISION ON THE INSTALLED PRODUCT SHALL BE THE ENGINEER'S.

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REV:	DESCRIPTION:	BY:	DATE:



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CLIENT:
DEREK BELL

LOCATION:
**111 NASHVILLE HIGHWAY
COLUMBIA, TN. 38401**

TITLE:
MECHANICAL SCHEDULES & NOTES

SCALE: 1/4" = 1'-0" SIZE: ARCH D DATE: 03/06/2026 DRAWN: TJO

CHECKED BY: TJO PROJECT NO. 26013 ISSUED FOR: REVIEW SHEET: **M2.1** OF 5

DIVISION 23 - HEATING, VENTILATING, AND AIR CONDITIONING (HVAC)

23 05 00 - COMMON WORK RESULTS FOR HVAC

PART 1 - GENERAL

- Provide all labor, materials, and equipment for complete HVAC systems.
- Coordinate layout, support, and clearances with other trades.
- Field verify dimensions prior to fabrication and installation.
- Comply with 2024 IMC, 2024 IFGC, 2021 IECC, NFPA 72, NFPA 90A, SMACNA, ASHRAE 62.1, and applicable local codes.

PART 2 - PRODUCTS

- Equipment identification and labeling per Section 23 05 53.
- Supports and fastening devices per SMACNA standards.
- Access panels and service clearances as required by code and manufacturer.

PART 3 - EXECUTION

- Install systems plumb, level, and properly supported.
- Protect materials from damage.
- Repair or replace damaged components prior to concealment or insulation.

23 05 29 - HANGERS AND SUPPORTS FOR HVAC PIPING AND DUCTWORK

PART 1 - GENERAL

- Provide hangers and support per ductwork and piping systems.
- Comply with IMC and SMACNA requirements.

PART 2 - PRODUCTS

- Galvanized or stainless-steel hangers.
- Threaded rod, trapeze hangers, anchors rated for load.
- Support spacing per SMACNA and manufacturer.

PART 3 - EXECUTION

- Install supports to maintain alignment and prevent sagging.
- Coordinate with structure and other trades.
- Do not suspend from other piping or equipment.

23 05 53 - IDENTIFICATION FOR HVAC PIPING AND EQUIPMENT

PART 1 - GENERAL

- Provide identification for all HVAC equipment, ductwork, and piping.

PART 2 - PRODUCTS

- Pre-printed pipe markers.
- Equipment nameplates.
- Flow arrows and pressure labeling for gas piping.
- Identification for duct smoke detectors and controls.

PART 3 - EXECUTION

- Install markers at accessible and visible locations.
- Label and color code at intervals per IMC and local code.

23 07 13 - DUCT INSULATION

PART 1 - GENERAL

- Provide insulation for duct systems and associated accessories.

PART 2 - PRODUCTS

- Supply/Return Duct: 2" Polyisocyanurate board, minimum R-13.
- Full vapor barrier.
- Exterior aluminum weatherproof jacketing, UV resistant.
- Sealants compatible with insulation system.

PART 3 - EXECUTION

- Install insulation continuous and tight.
- Seal all seams and joints.
- Provide flashing and sealing at duct penetrations through brick wall.
- Maintain vapor barrier integrity.

23 09 13 - INSTRUMENTATION AND CONTROL DEVICES FOR HVAC

PART 1 - GENERAL

- Provide all control devices required for complete HVAC control system.
- Coordinate with fire alarm contractor.
- Coordinate with Electrical Contractor.

PART 2 - PRODUCTS

- Wired thermostats and sensors.
- Duct smoke detector in return duct.
- Remote test/reset station where required.

PART 3 - EXECUTION

- Install factory controls per manufacturer instructions.
- Calibrate devices.
- Program and commission system.
- Interlock RTU shutdown with duct smoke detector and fire alarm.

23 09 13.43 - CONTROL DAMPERS

PART 1 - GENERAL

- Provide motorized control dampers where indicated.

PART 2 - PRODUCTS

- Low-leakage dampers.
- Actuators fail-safe as required.
- Damper construction per SMACNA and NFPA 90A.

PART 3 - EXECUTION

- Install square and plumb.
- Interlock to fire alarm and duct smoke detection.
- Verify full open and closed positions during commissioning.

23 09 93 - SEQUENCE OF OPERATIONS FOR HVAC CONTROLS

PART 1 - GENERAL

- Provide written sequence of operation for review.

PART 2 - PRODUCTS

- Not Used.

PART 3 - EXECUTION

- RTU startup and shutdown sequence.
- Economizer control sequence.
- Outdoor air damper modulation.
- Duct smoke detector shutdown and fire alarm signaling.
- Submit final approved sequence in O&M manual.

23 11 23 - FACILITY NATURAL GAS PIPING

PART 1 - GENERAL

- Provide all labor, materials, and equipment for complete natural gas piping system that connects Gas Packaged HVAC System to existing natural gas piping.
- Comply with 2024 IFGC, NFPA 54, and Local Gas Utility Requirements.

PART 2 - PRODUCTS

- Schedule 40 black steel pipe (ASTM A53).
- ASME/ANSI Approved threaded or welded fittings.
- Gas regulators per manufacturer and isolation ball valves.
- Identification markers per 23 05 53.

PART 3 - EXECUTION

- Install piping plumb and supported.
- Maintain required clearances.
- Perform pressure testing per 2024 IFGC.
- Label piping and verify leak-free operation.

23 31 13.13 - RECTANGULAR METAL DUCTS

PART 1 - GENERAL

- Fabrication and installation per SMACNA and IMC.

PART 2 - PRODUCTS

- Material: Galvanized steel, ASTM A653/A924, G90
- Fabrication: Pittsburgh seams or welded longitudinal; transverse seams drive cleat or snap lock

- Pressure Class: Low/Medium per SMACNA

- Insulation: 2" Polyiso (R-13), full vapor barrier, aluminum jacketing
- Penetrations: Provide metal lintel above brick opening, seal and flash per code

PART 3 - EXECUTION

- Install per SMACNA and IMC, plumb and level
- Seal all seams with UL 181-approved sealant
- Coordinate hangers, transitions, and support
- Ensure access doors and maintenance clearances

23 74 13 - PACKAGED, OUTDOOR, CENTRAL-STATION AIR-HANDLING UNITS

PART 1 - GENERAL

- Provide natural gas-fired packaged rooftop unit.
- Horizontal Airflow Configuration.
- Comply with 2024 IMC, 2021 IECC, NFPA 90A.
- Provide line pressure regulator at gas-fired unit. Regulator to reduce from 2 PSI to 7" w.c. Install upstream of equipment shutoff valve. Provide vent per IFGC.

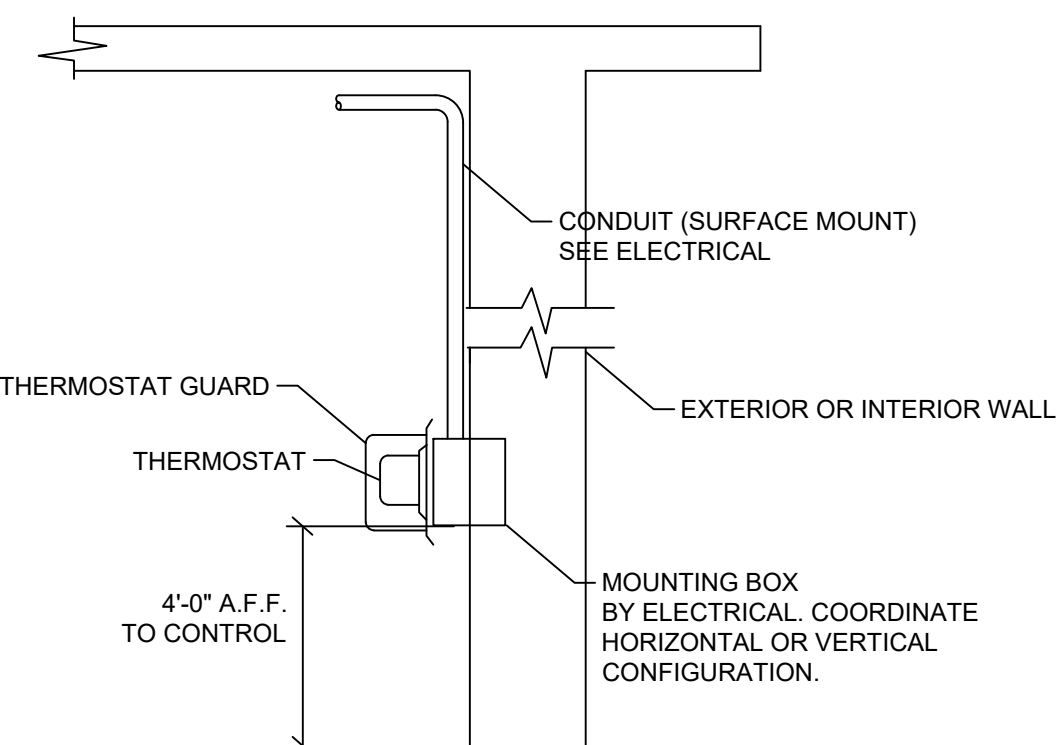
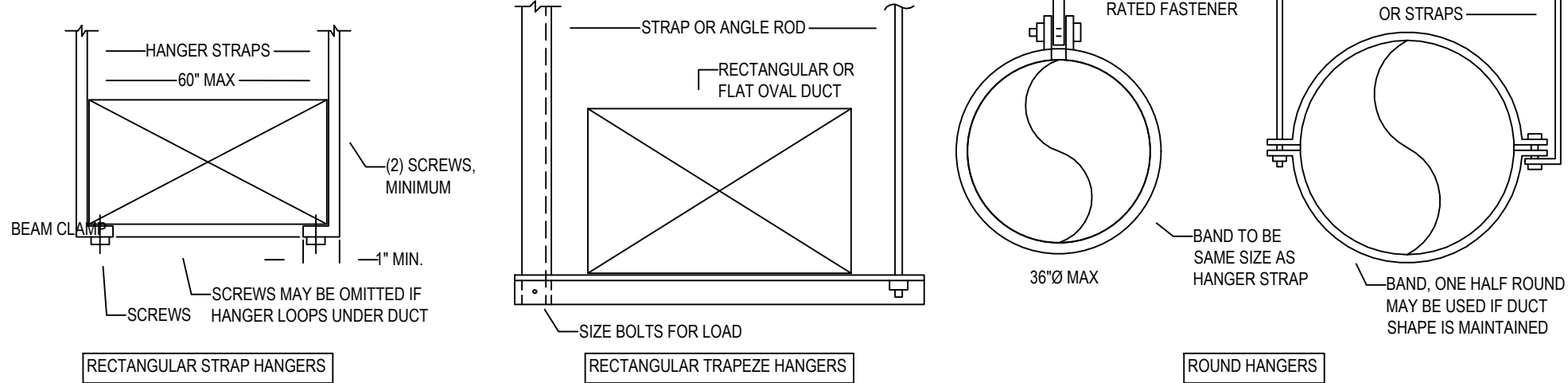
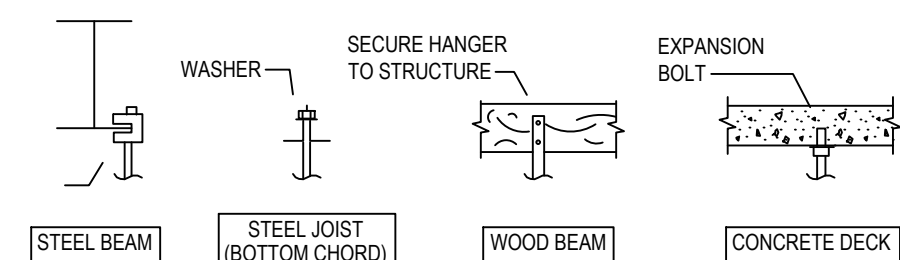
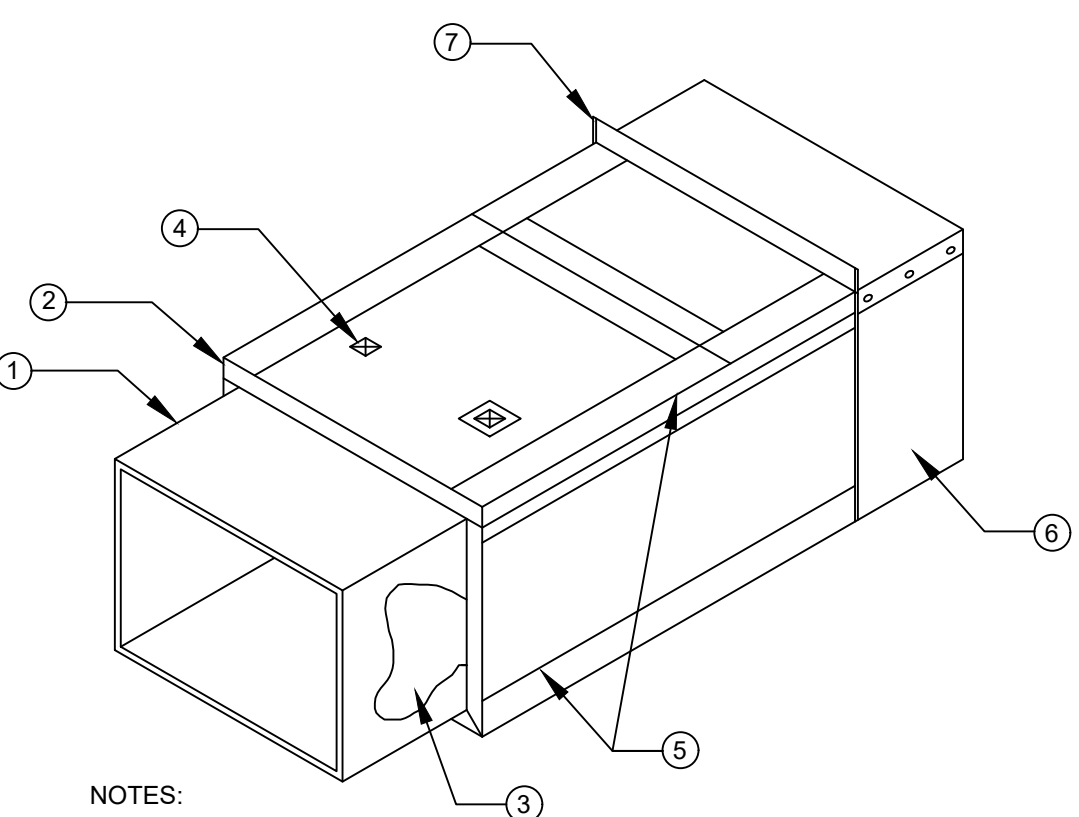
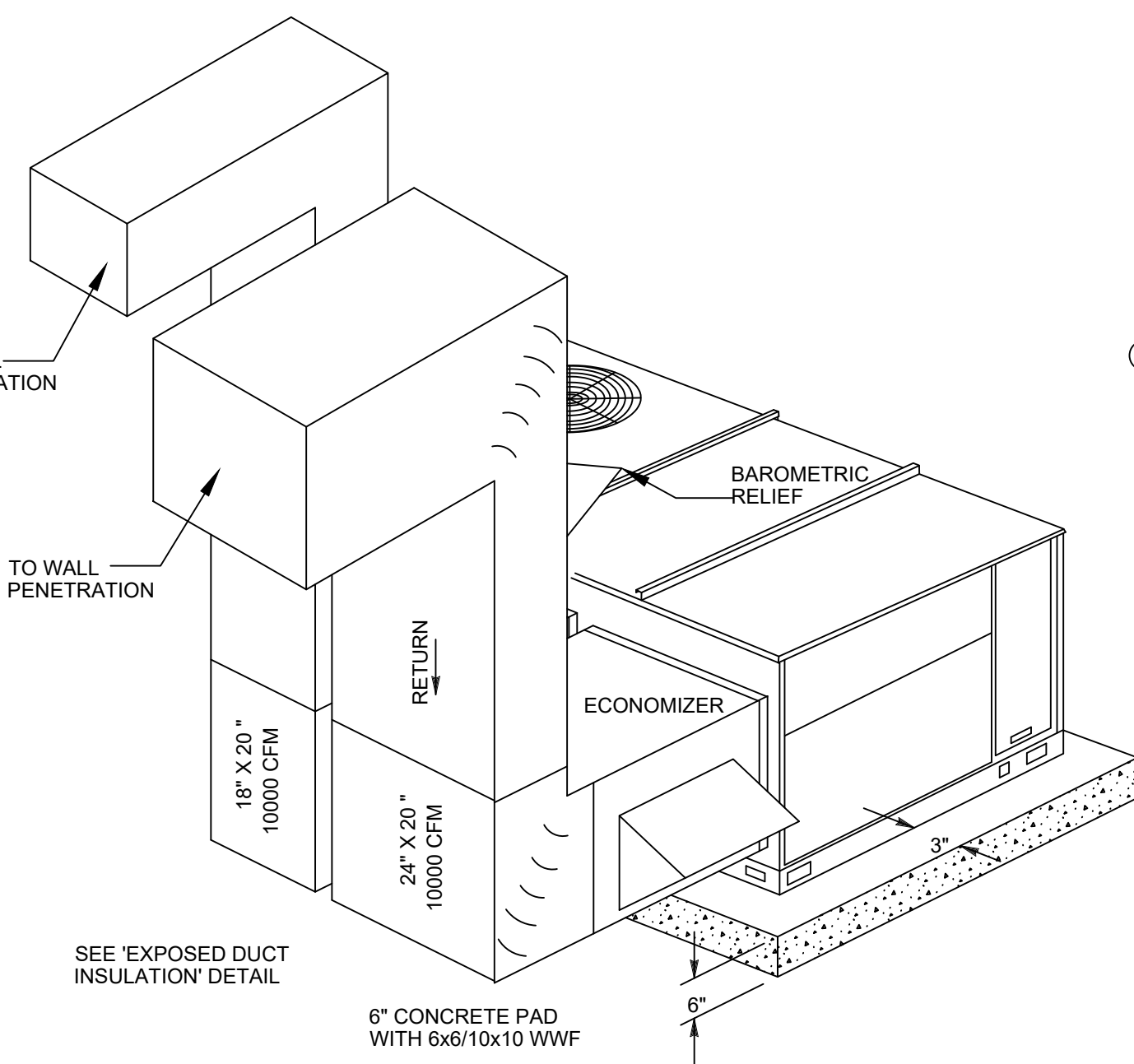
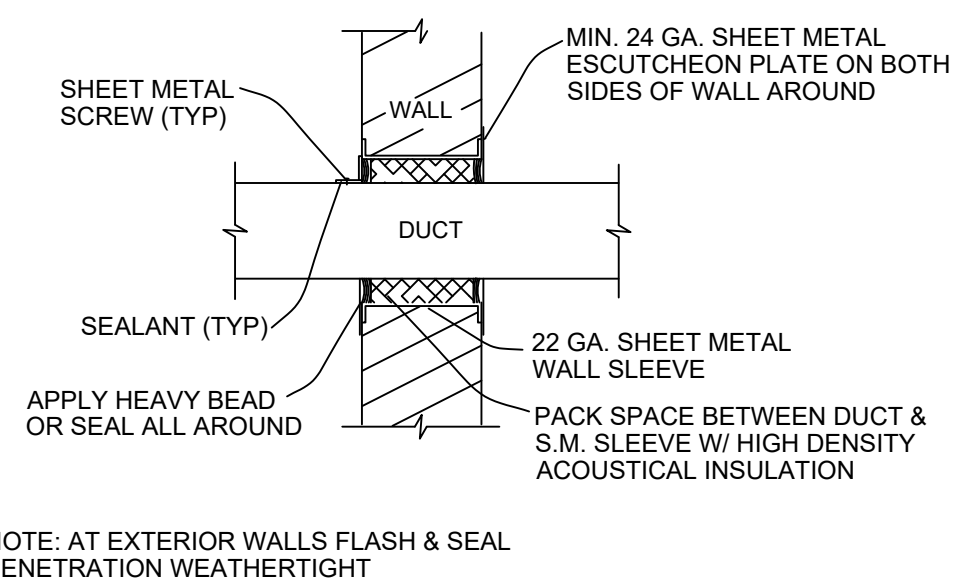
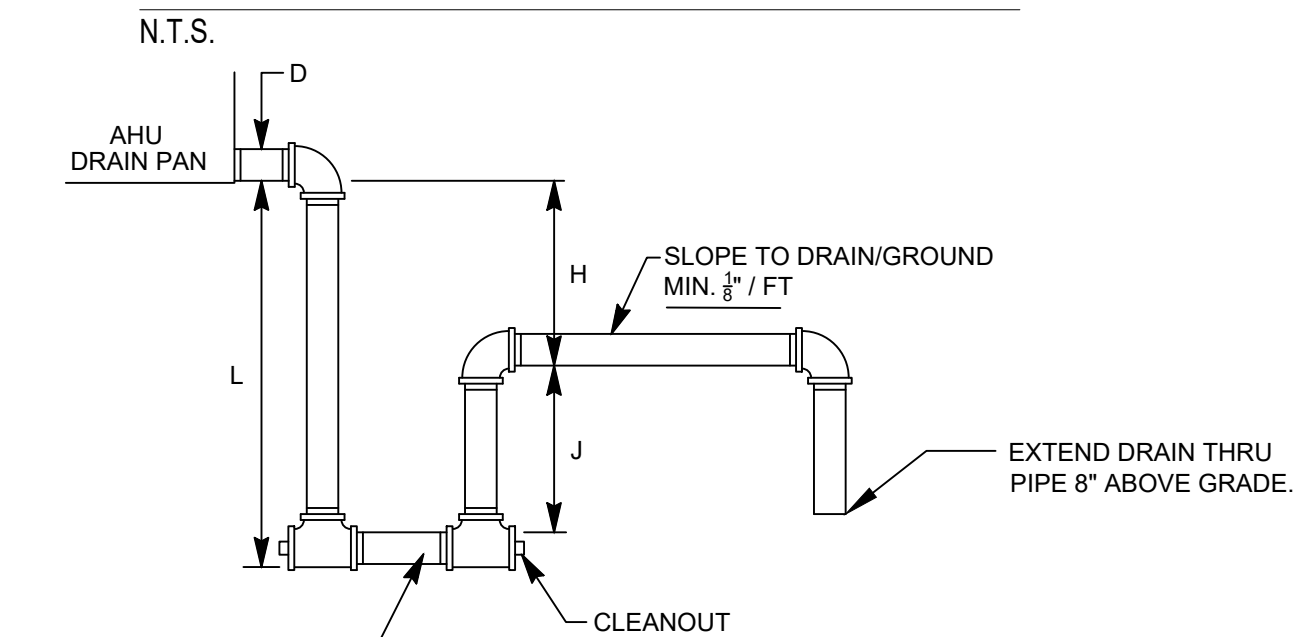
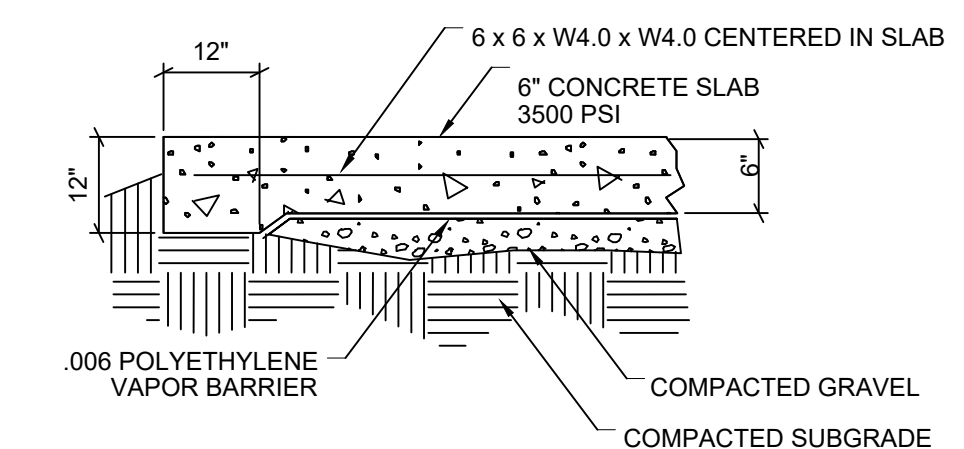
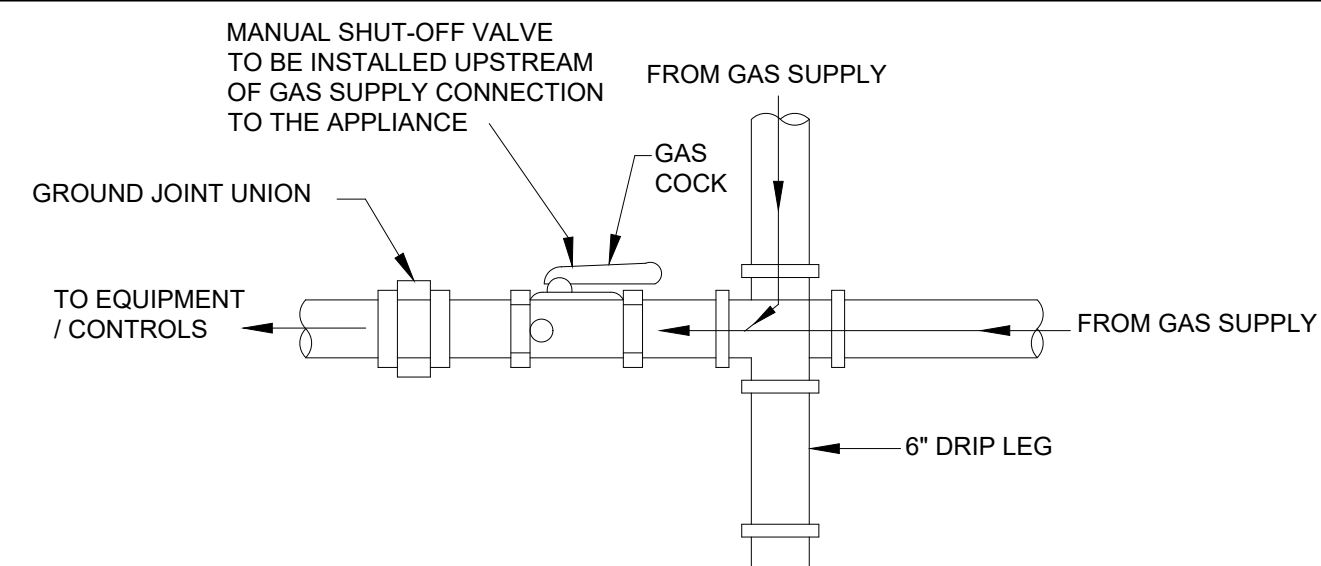
PART 2 - PRODUCTS

- Air-cooled RTU.
- Natural gas heat.
- Economizer and barometric relief.
- Duct smoke detector.
- Natural gas Regulator to reduce from 2 PSI to 7" w.c. at unit.

PART 3 - EXECUTION

- Install on concrete pad.
- Provide vibration isolation.
- Connect gas, duct, and controls.
- Provide O&M manuals.
- Install natural gas regulator upstream of equipment shutoff valve and vent per IFGC.

END OF SECTION 23 00 00



- NOTES:
1. DETAIL BASED ON SMACNA 1995, FIG. 4.4.
 2. DO NOT EXCEED SMACNA, CH.4, ALLOWABLE LOAD LIMITS.
 3. HANGERS MUST NOT DEFORM DUCT SHAPE.
 4. ROD DIMENSIONS AND ANCHORS TO BE SIZED PER MANUFACTURER'S RECOMMENDATIONS.
 5. COORDINATE EXACT MOUNTING METHOD OF DUCT HANGERS WITH FIELD CONDITIONS, AND WITH LANDLORD/OWNER.

DUCT HANGER & SUPPORT DETAIL
N.T.S.

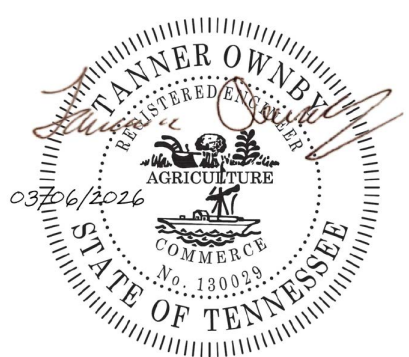
THERMOSTAT MOUNTING DETAIL
N.T.S.

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2024	INTERNATIONAL EXISTING BUILDING CODE



REV:	DESCRIPTION:	BY:	DATE:
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FLORENCE, AL 35630
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CLIENT: DEREK BELL

LOCATION: 111 NASHVILLE HIGHWAY
COLUMBIA, TN. 38401

TITLE: MECHANICAL SPECIFICATIONS & DETAILS

SCALE: 1/4" = 1'-0"	SIZE: ARCH D	DATE: 03/06/2026	DRAWN: TJO
CHECKED BY: TJO	PROJECT NO. 26013	ISSUED FOR: REVIEW	SHEET: M2.2 OF 5



Compliance Certificate

Project Information

Energy Code: 2024 IECC
 Project Title: 111 NASHVILLE HWY TENANT BUILD OUT
 Location: Columbia, Tennessee
 Climate Zone: 3a
 Project Type: Alteration
 Project No: 86380
 Project Sub Type: Other Alteration
 All Electric: false
 Is Renewable: false
 Has Battery: false
 Has Charger: false
 Has Heat Pump: false

Digitally signed by Tanner Ownby
 Date: 2026.03.06 12:20:58 -06'00'

Construction Site:
 111 Nashville Hwy
 Columbia, Tennessee 38401

Owner/Agent:
 Derek Bell
 Steadfast Solutions, LLC
 Brentwood, Tennessee 37027
 256-577-1267
 tanner@steadfastsolutions-eng.com

Designer/Contractor:
 Tanner Ownby
 Steadfast Solutions, LLC
 Florence, Alabama 35630
 256-577-1267
 tanner@steadfastsolutions-eng.com

Notes:
 Building renovation. White Box

Renewable energy

Number of Floors: 1
 Area of Three Largest Floors: 4996
 Proposed Capacity: 0
 Required Capacity: 0
 Proposed Off-site Energy: 0
 Required Off-site Energy: 0
 Exception: Building effective floor area is less than 5,000 ft²

Renewables Pass: Exception: Building effective floor area is less than 5,000 ft²

Building Area

Description	Floor Area
1-BUSINESS/OFFICE TENANT BUILD OUT (Office) : Nonresidential	4996



Project Information

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 Project Title: 111 NASHVILLE HWY TENANT BUILD OUT
 Location: Columbia, Tennessee
 Climate Zone: 3a
 Project Type: Alteration

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 111 Nashville Hwy
 Columbia, Tennessee 38401

Owner/Agent:
 Derek Bell
 Steadfast Solutions, LLC
 Brentwood, Tennessee 37027
 256-577-1267
 tanner@steadfastsolutions-eng.com

Designer/Contractor:
 Tanner Ownby
 Steadfast Solutions, LLC
 Florence, Alabama 35630
 256-577-1267
 tanner@steadfastsolutions-eng.com

Mechanical Systems List

Quantity	Component	Description
HVAC Systems		
2	GP-1 (Single Zone)	Heating: 1 each - Central Furnace (GP-1), Gas, Capacity = 115 kBtu/h Proposed Efficiency = 81.00% Et, Required Efficiency: 80.00 % Et or 80% AFUE Cooling: 1 each - Single Package DX Unit (GP-1), Capacity = 60 kBtu/h, Air-Cooled Condenser, Air Economizer Proposed Efficiency = 15.20, Required Efficiency = 0.00 Proposed Part Load Efficiency = 0.00 SEER2, Required Part Load Efficiency = 13.40 SEER2 Fan System: gp-1 Office Area -- Compliance (Motor nameplate HP and fan efficiency method) : Passes Fans: gp-1 Supply, Constant Volume, 2000 CFM, 0.8 motor nameplate hp, 1.00 fan energy index, fan exception: Part of code listed equipment

Mechanical Compliance Statement

Compliance Statement: The proposed mechanical design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed mechanical systems have been designed to meet the 2024 IECC requirements in COMcheckWeb and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

TANNER OWNBY-PROFESSIONAL ENGINEER *Tanner Ownby* 03/06/2026

Name - Title	Signature	Date
TANNER OWNBY-PROFESSIONAL ENGINEER	<i>Tanner Ownby</i>	03/06/2026

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NOTE: THIS PROJECT IS PERMITTED AS CORE AND SHELL (WHITE BOX) CONSTRUCTION. FINAL SYSTEM DESIGN FOR TENANT IMPROVEMENTS SHALL PROVIDE ENERGY COMPLIANCE DOCUMENTATION, INCLUDING COMCHECK REPORTS, DEMONSTRATING COMPLIANCE WITH THE APPLICABLE EDITION OF THE INTERNATIONAL ENERGY CONSERVATION CODE.

REV:	DESCRIPTION:	BY:	DATE:



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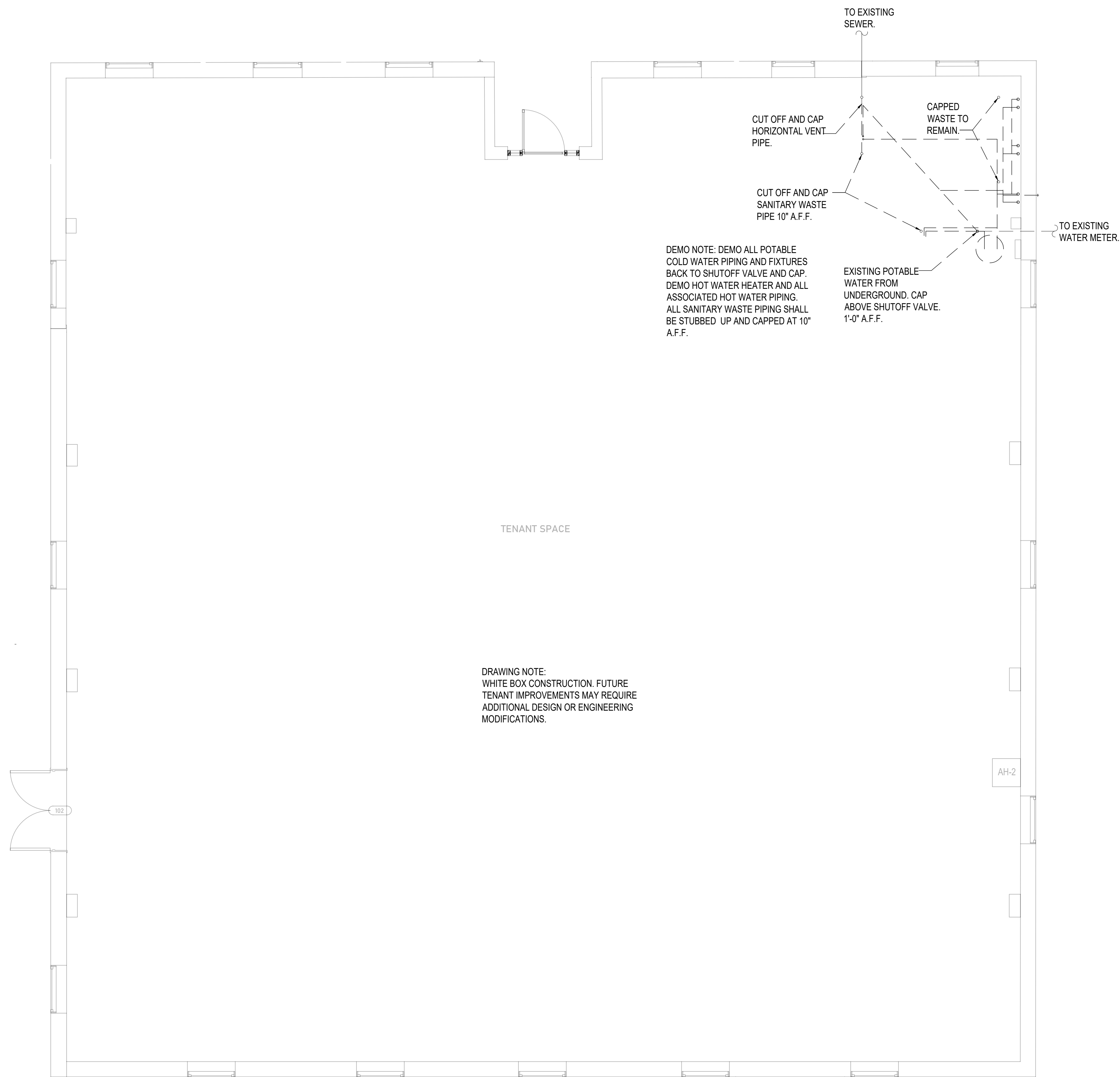
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TITLE:
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CHECKED BY: TJO PROJECT NO: 26013 ISSUED FOR: REVIEW SHEET: **M2.3** OF 5



PLUMBING DEMOLITION PLAN
SCALE: 1/4" = 1'-0"

NOTES:

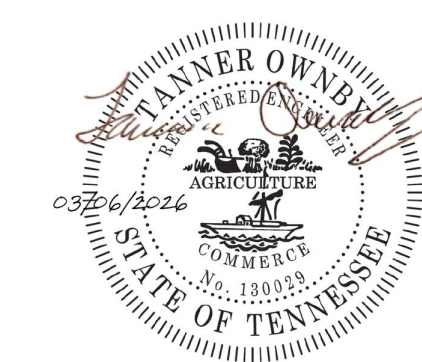
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2024	INTERNATIONAL MECHANICAL CODE (IMC)
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2024	INTERNATIONAL FIRE CODE (IFC)
2017	NATIONAL ELECTRICAL CODE (NEC)
2024	INTERNATIONAL ENERGY CONSERVATION CODE (IECC)
2024	INTERNATIONAL EXISTING BUILDING CODE

PLUMBING LEGEND

	DEMOLITION
	POTABLE COLD WATER SUPPLY
	POTABLE HOT WATER SUPPLY
	SANITARY SEWER
	SANITARY SEWER-EXISTING
	SANITARY VENT
	WATER HEATER



REV:	DESCRIPTION:	BY:	DATE:



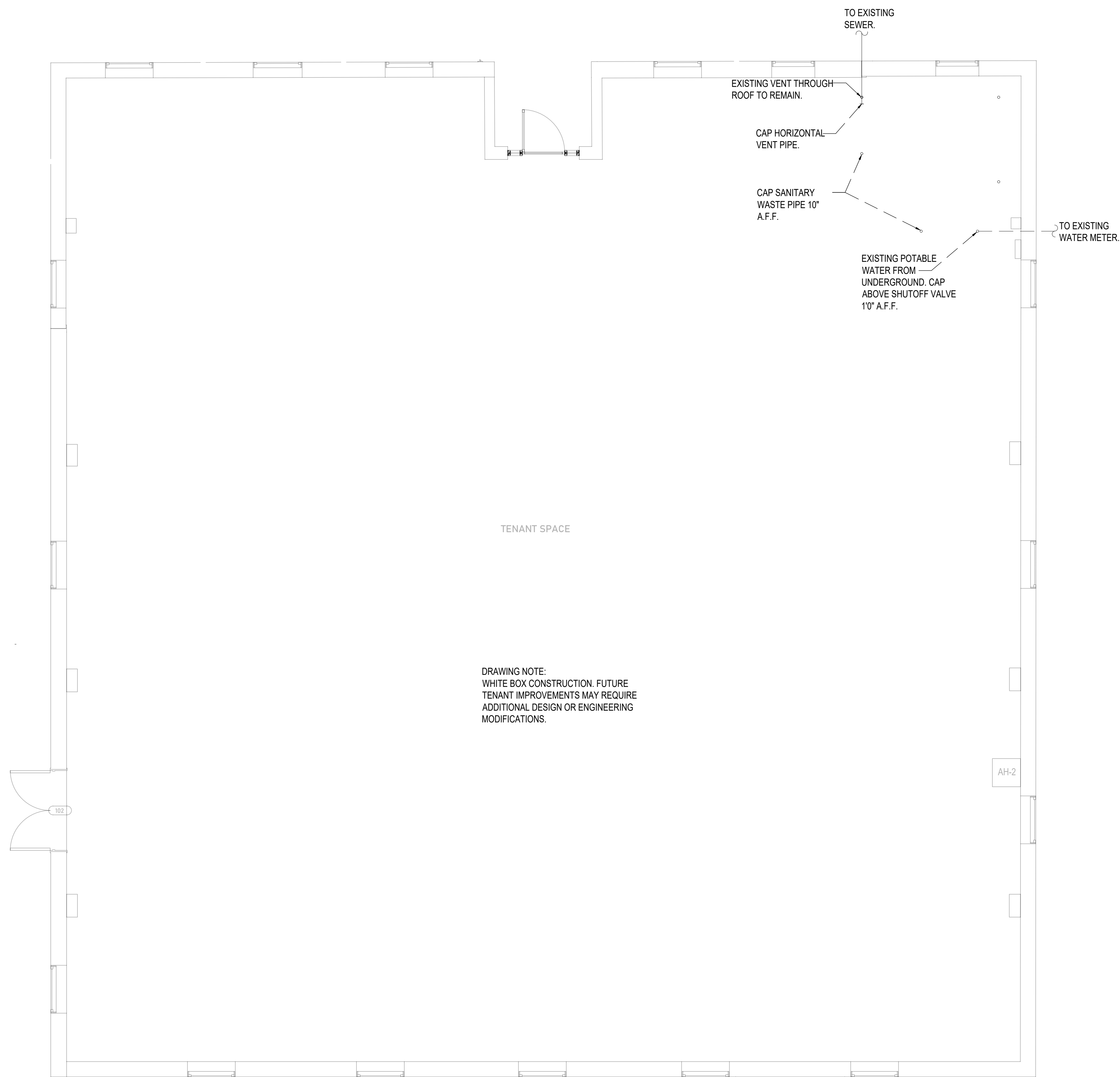
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CLIENT:
 DEREK BELL

LOCATION:
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 COLUMBIA, TN. 38401

TITLE:
 PLUMBING DEMOLITION PLAN

SCALE: 1/4" = 1'-0"	SIZE: ARCH D	DATE: 03/06/2026	DRAWN: TJO
CHECKED BY: TJO	PROJECT NO. 26013	ISSUED FOR: REVIEW	SHEET: P1.1 OF 2



DRAWING NOTE:
 WHITE BOX CONSTRUCTION. FUTURE
 TENANT IMPROVEMENTS MAY REQUIRE
 ADDITIONAL DESIGN OR ENGINEERING
 MODIFICATIONS.



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

PLUMBING NOTES

- EXISTING WATER METER WILL BE USED. CONTRACTOR/LOCAL UTILITIES RESPONSIBLE FOR VERIFYING OPERATIONS/SIZE.
- ALL PLUMBING VENTS SHALL HAVE A MINIMUM OF 10'-0" CLEARANCE FROM ALL OUTSIDE AIR INTAKES FROM MECHANICAL EQUIPMENT.
- ALL PLUMBING PIPES SHALL BE CAPPED FOR FUTURE TENANT BUILD OUT.
- ALL PIPING FOR POTABLE/SANITARY SEWER AND VENTING SHALL MEET REQUIREMENTS AS STATED IN 2024 IPC.
- ALL PIPING SHALL BE CAPPED AT OPEN ENDS, AND ALL CAPS SHALL MATCH THE PIPING MATERIAL. CAPS SHALL BE INSTALLED TO PROVIDE A SECURE, LEAK TIGHT SEAL SUITABLE FOR TESTING AND COMMISSIONING. NO TEMPORARY OR MISMATCHED MATERIALS SHALL BE USED.
- CONTRACTOR SHALL VERIFY OPERATION OF MAIN POTABLE WATER SHUTOFF VALVE AND REPLACE IF NECESSARY.

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2024	INTERNATIONAL EXISTING BUILDING CODE

PLUMBING LEGEND

- POTABLE COLD WATER SUPPLY (UNDERGROUND)
- - - POTABLE COLD WATER SUPPLY
- - - POTABLE HOT WATER SUPPLY
- SANITARY SEWER
- - - SANITARY VENT



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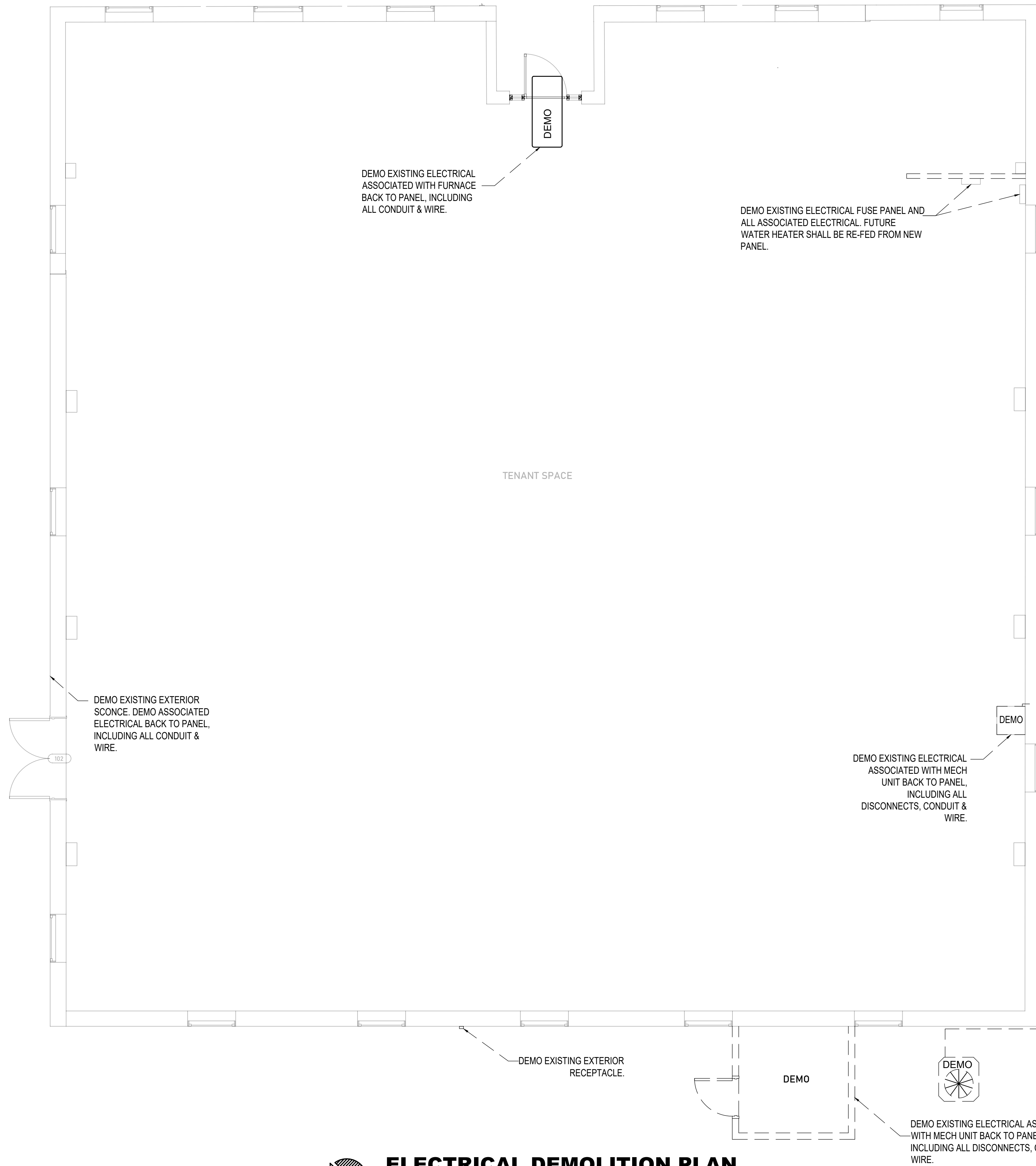
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 CLIENT:

DEREK BELL

LOCATION:
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TITLE:
 PLUMBING PLAN

SCALE: 1/4" = 1'-0"	SIZE: ARCH D	DATE: 03/06/2026	DRAWN: TJO
CHECKED BY: TJO	PROJECT NO. 26013	ISSUED FOR: REVIEW	SHEET: P1.2 OF 2



ELECTRICAL DEMOLITION NOTES:

1. CONTRACTOR SHALL VERIFY EXISTING SITE CONDITIONS INCLUDING, BUT NOT LIMITED TO:
 - INCOMING SERVICE
 - ELECTRICAL SERVICING MECHANICAL EQUIPMENT
 REMOVE ALL ELECTRICAL EQUIPMENT ASSOCIATED WITH REMOVED MECHANICAL UNITS UNLESS OTHERWISE NOTED.
2. REMOVE ALL ELECTRICAL IN BUILDING, INCLUDING ALL EXTERIOR LIGHTS, RECEPTACLES, CONDUITS, WIRES, FUSE BOX, DISCONNECTS, ETC. REMOVE ALL CONDUITS AND WIRE BACK TO EXISTING METER. EXISTING ELECTRICAL METER AND WEATHERHEAD TO REMAIN.
3. PROVIDE NECESSARY MODIFICATIONS TO EXISTING SYSTEMS TO FACILITATE THE INSTALLATION OF NEW ELECTRICAL SYSTEMS AND INTERFACE OF EXISTING AND NEW EQUIPMENT.
4. EXISTING SYSTEMS AND INFORMATION SHOWN ON THESE PLANS WERE DEVELOPED USING EXISTING BUILDING DRAWINGS. CONTRACTOR SHALL VERIFY ALL EXISTING SYSTEMS AT SITE. CLOSELY COORDINATE NEW WORK WITH EXISTING SYSTEMS. PROVIDE OFFSETS IN EXISTING AND NEW SYSTEMS AS REQUIRED TO AVOID CONFLICTS.
5. REMOVE AND RELOCATE SMALL CONDUITS, CABLES, ETC. AS NECESSARY TO ACHIEVE A COMPLETE INSTALLED ELECTRICAL SYSTEM AS SHOWN ON DRAWINGS.
6. PATCH ALL WALLS, FLOORS, ROOFS AND CEILINGS TO MATCH EXISTING OR NEW (IF APPLIED) FOR ALL OPENINGS CREATED BY DEMOLITION WORK OF ELECTRICAL PENETRATIONS.
7. CONTRACTOR SHALL DISPOSE OF ALL DEMOLISHED MATERIALS OFF-SITE IN ACCORDANCE WITH REGULATIONS.
8. DEMOLITION SHALL COMPLY WITH ALL APPLICABLE LOCAL CODES AND REGULATIONS.
9. PROTECT EXISTING SYSTEMS, FINISHES, AND STRUCTURAL ELEMENTS TO REMAIN.

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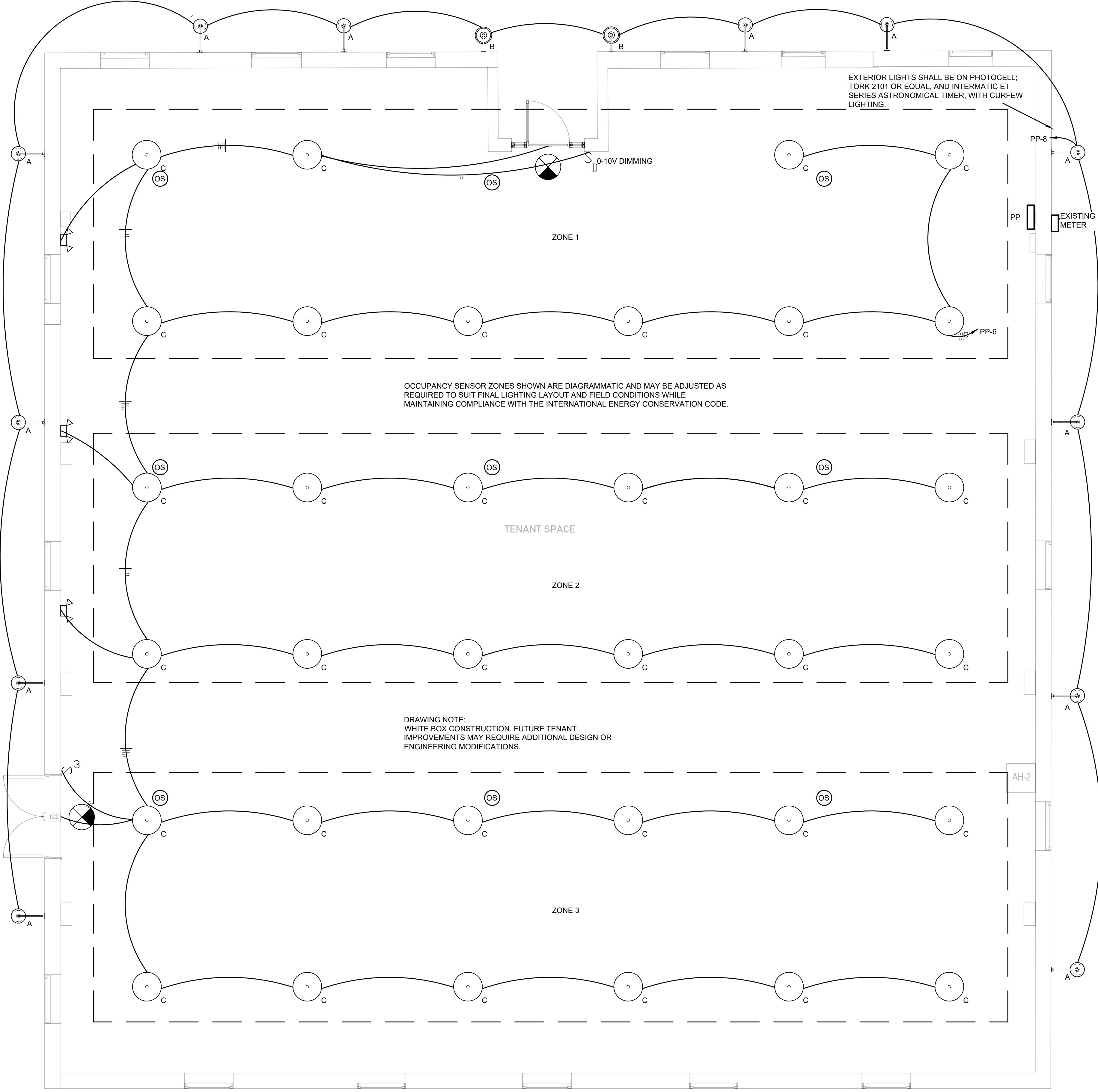
LOCATION:
 111 NASHVILLE HIGHWAY
 COLUMBIA, TN. 38401

TITLE:
 ELECTRICAL DEMOLITION PLAN

SCALE: 1/4" = 1'-0"	SIZE: ARCH D	DATE: 03/06/2026	DRAWN: KDH
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ELECTRICAL DEMOLITION PLAN
SCALE: 1/4" = 1'-0"



GENERAL LIGHTING CONTROL NOTES:

- ALL LIGHTING IN OPEN AREAS SHALL BE CONTROLLED BY CEILING-MOUNTED OCCUPANCY SENSORS. SENSORS SHALL TURN LIGHTING OFF WITHIN 20 MINUTES OF VACANCY. MULTIPLE SENSORS CONTROLLING THE SAME LIGHTING CIRCUIT SHALL BE WIRED IN PARALLEL.
- LIGHTING CONTROL SEQUENCE:
 - LIGHTING SHALL AUTOMATICALLY TURN ON UPON OCCUPANCY DETECTION.
 - LIGHTING SHALL TURN OFF WITHIN 20 MINUTES AFTER VACANCY.
 - MULTIPLE SENSORS SERVING THE SAME ZONE SHALL BE WIRED IN PARALLEL.
 - SENSORS SHALL BE ADJUSTABLE AND CALIBRATED DURING COMMISSIONING.
- EXTERIOR LIGHTING SHALL BE CONTROLLED BY A PHOTOCELL AND ASTRONOMICAL TIME CLOCK. THE PHOTOCELL SHALL ENABLE LIGHTING DURING NIGHTTIME HOURS ONLY. THE TIME CLOCK SHALL PROVIDE SCHEDULED CURFEW LIGHTING AND REDUCE EXTERIOR LIGHTING POWER BY NOT LESS THAN 50% OR TURN LIGHTING OFF DURING LATE-NIGHT HOURS IN ACCORDANCE WITH IECC REQUIREMENTS.

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2024	INTERNATIONAL EXISTING BUILDING CODE

LEGEND

- LIGHT FIXTURE, SEE SCHEDULE
- LIGHT FIXTURE, SEE SCHEDULE
- LIGHT FIXTURE, SEE SCHEDULE
- TOGGLE SWITCH, THREE WAY, 125/277V, 20A
- DIMMER, COORDINATE WITH FIXTURE, TYPE OF LAMP & CIRCUIT WATTAGE
- EXIT/EMERGENCY LIGHT COMBO, SEE SCHEDULE
- EMERGENCY LIGHT, SEE SCHEDULE
- OCCUPANCY SENSOR, CMR 9 OR APPROVED EQUAL



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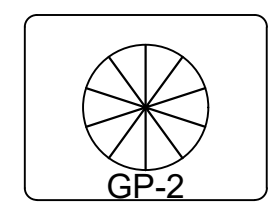
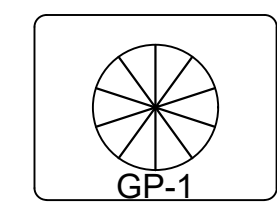
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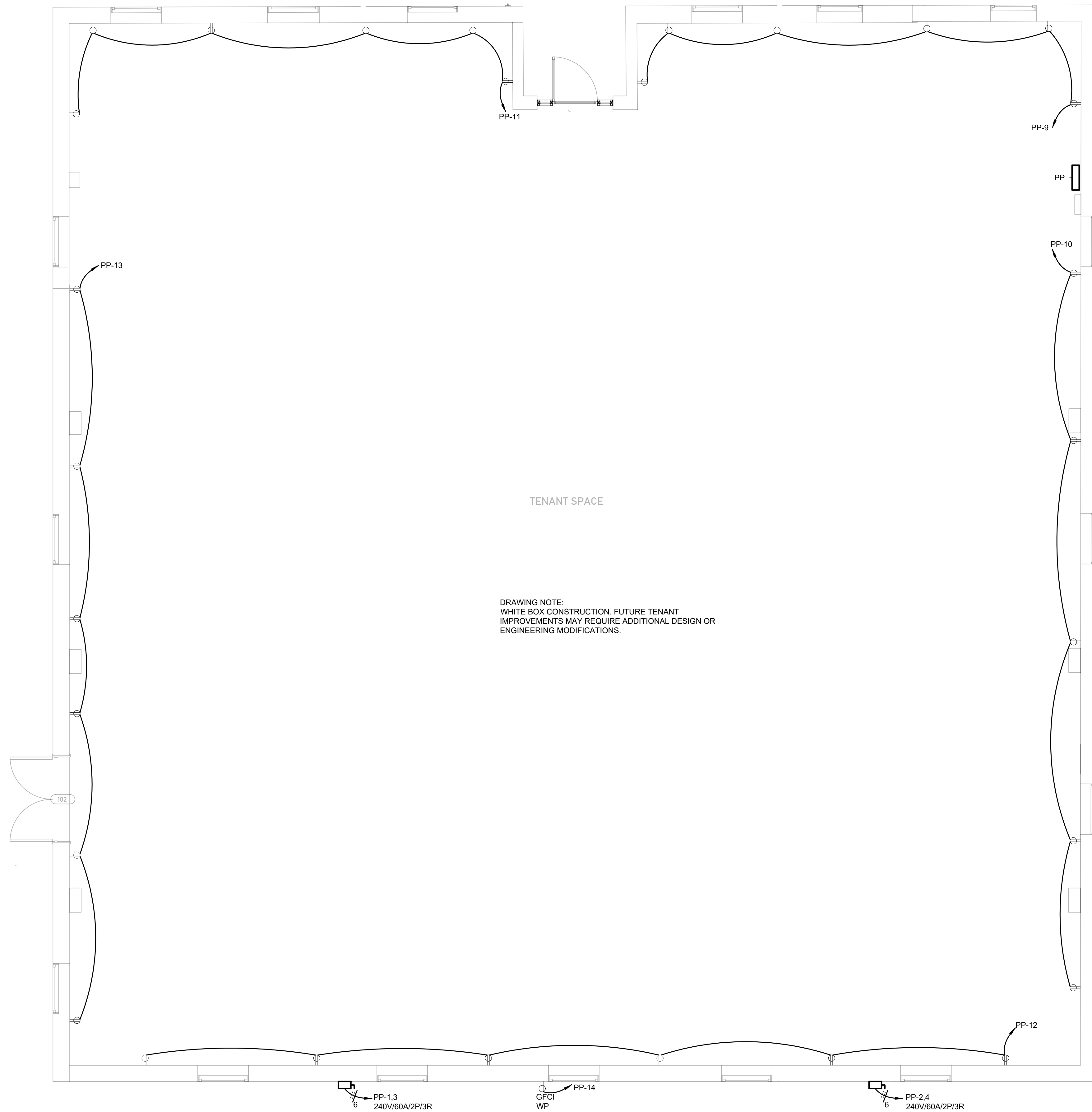
LOCATION:
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TITLE:
 ELECTRICAL LIGHTING PLAN

SCALE: 1/4" = 1'-0"	SIZE: ARCH D	DATE: 03/06/2026	DRAWN: KDH
CHECKED BY: TJO	PROJECT NO. 26013	ISSUED FOR: REVIEW	SHEET: E1.2 OF 5

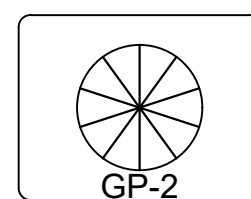
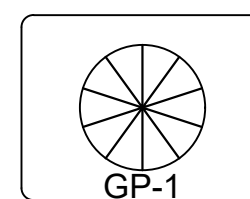


ELECTRICAL LIGHTING PLAN
SCALE: 1/4" = 1'-0"



DRAWING NOTE:
WHITE BOX CONSTRUCTION. FUTURE TENANT
IMPROVEMENTS MAY REQUIRE ADDITIONAL DESIGN OR
ENGINEERING MODIFICATIONS.

NOTE: ALL CONDUITS SHALL BE
RAN EXPOSED AND PAINTED TO
MATCH



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

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2024	INTERNATIONAL EXISTING BUILDING CODE

LEGEND

- DUPLEX RECEPTACLE, NEMA 5-15R, 125V
- DUPLEX RECEPTACLE, GFCI RATED, WEATHER PROOF, WITH WEATHER PROOF IN USE COVER, NEMA 5-15R, 125V
- NON FUSED DISCONNECT, HP OR AMP RATED, VERIFY WITH CONNECTED LOAD
- POWER PANEL, SEE PANEL SCHEDULE
- EXISTING METER



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TITLE:
ELECTRICAL POWER PLAN

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CHECKED BY: TJO	PROJECT NO. 26013	ISSUED FOR: REVIEW	SHEET: E1.3 OF 5

ELECTRICAL NOTES:

- THE CONTRACTOR SHALL FURNISH AND PAY FOR ALL LABOR, MATERIAL, EQUIPMENT, PERMITS & FEES REQUIRED FOR THE COMPLETE INSTALLATION OF ALL SYSTEMS IN THIS SECTION OF WORK.
- ALL ELECTRICAL & LIGHTING EQUIPMENT SHALL BE PROVIDED COMPLETE WITH ALL ACCESSORIES, HANGERS, SUPPORTS, CONTROLS, ETC FOR A FULLY FUNCTIONING SYSTEM REGARDLESS OF PRESENCE ON PLANS. ALL EQUIPMENT, ACCESSORIES, ETC SHALL BE NEW AND UN-USED UNLESS NOTED OTHERWISE.
- THE CONTRACTOR SHALL COMPLY WITH ALL REQUIREMENTS OF APPLICABLE FEDERAL, STATE AND LOCAL CODES, ORDINANCES AND REGULATIONS.
- LOCATION OF ELECTRICAL EQUIPMENT IS DIAGRAMMATIC AND SHOWS THE DESIGN INTENT ONLY. CONTRACTOR SHALL COORDINATE WITH PLANS OF ALL OTHER DISCIPLINES AND THEIR INSTALLERS FOR THE EXACT LOCATION OF ALL EQUIPMENT. THE DRAWINGS SHALL BE FOLLOWED AS CLOSELY AS BUILDING CONSTRUCTION AND ALL OTHER WORK WILL PERMIT.
- DO NOT SCALE DRAWINGS FOR MEASUREMENT.
- ALL EXISTING EQUIPMENT AND SYSTEMS ARE ASSUMED BY ENGINEER TO BE IN GOOD WORKING ORDER. BEFORE BEGINNING WORK E.C. IS TO ENSURE ANY EQUIPMENT & SYSTEMS TO REMAIN ARE PROPERLY FUNCTIONING. NOTIFY G.C. IMMEDIATELY IF PROBLEMS ARE DISCOVERED. E.C. SHALL BE RESPONSIBLE FOR ELECTRICAL POWER CONNECTIONS TO ALL OWNER FURNISHED FIXTURES OR EQUIPMENT, AND FIXTURES OR EQUIPMENT TO REMAIN.
- BEFORE BID, E.C. IS RESPONSIBLE FOR CLARIFYING WITH G.C. ANY CONFUSION IN REGARDS TO RESPONSIBILITY OF WORK TO BE PERFORMED OR MATERIALS TO BE PROVIDED. THE SUBMITTAL OF THE BID BY THE CONTRACTOR WILL BE HELD AS PROOF THAT THE CONTRACTOR UNDERSTANDS THOROUGHLY AND COMPLETELY THE SCOPE OF WORK INVOLVED, AND HAS INCLUDED ON THE BID ALL THE NECESSARY ITEMS TO CARRY OUT THIS SECTION OF WORK.
- ALL QUESTIONS MUST BE SUBMITTED IN RFI FORMAT TO THE ARCHITECT AND MUST BE ADDRESSED BY THE APPROPRIATE DESIGNER OF RECORD PRIOR TO BECOMING A PROPOSED CHANGE ORDER.
- E.C. IS TO REVIEW COMPLETE DRAWING SET. E.C. IS RESPONSIBLE FOR WORK EXPLICITLY SHOWN AND WORK IMPLIED. UNLESS OTHERWISE NOTED, FINAL ELECTRICAL CONNECTION TO ALL EQUIPMENT, APPLIANCES, AND FURNITURE IS THE RESPONSIBILITY OF THE E.C.
- AT THE TIME OF SHOP DRAWINGS SUBMITTAL CLEARLY MARK ALL DISCREPANCIES BETWEEN SHOP DRAWINGS AND BID DOCUMENTS.
- ALL LOW VOLTAGE WIRING RELATED TO MECHANICAL EQUIPMENT AND SYSTEMS IS THE RESPONSIBILITY OF THE MECHANICAL CONTRACTOR (ANY LOW VOLTAGE FIRE ALARM WIRING TO BE BY E.C.), ALL HIGH VOLTAGE CONNECTIONS TO MECHANICAL EQUIPMENT TO BE PROVIDED AND INSTALLED BY E.C.
- ELECTRICAL CONTRACTOR IS TO EMPLOY THE SERVICES OF THE G.C. FOR CUTTING AND PATCHING OF WALLS, FLOORS & CEILINGS RELATED TO THE INSTALLATION OF ELECTRICAL EQUIPMENT & SYSTEMS.
- G.C. RESPONSIBLE FOR PAINTING OF ANY EXPOSED CONDUIT, WIRE, BOXES ETC. E.C. RESPONSIBLE FOR CLEANING AND PREPARING ITEMS FOR PAINT, COORDINATE WITH G.C.
- E.C. TO COORDINATE WITH G.C. PRIOR TO BID REGARDING HIRING OF FIRE ALARM, DATA/TELE & SECURITY SUB CONTRACTORS, IF APPLICABLE.
- WIRING WHICH PENETRATES FIRE RESISTANT WALLS SHALL BE ENCLOSED IN ELECTRICAL METALLIC TUBING (EMT), UNLESS UL LISTED FOR USE IN THROUGH PENETRATION SYSTEMS. EMT SHALL BE FIRE STOPPED USING APPROVED SEALANTS, CAULKING MATERIALS OR FOAM TO MAINTAIN FIRE RESISTANCE RATING. SEAL ALL ROOF PENETRATIONS WEATHER TIGHT PER LOCAL CODE. REQUEST INSPECTION BEFORE AND AFTER ANY THROUGH FIRE WALL PENETRATIONS.
- METAL CLAD TYPE MC WIRING (WITH GALV. OR ALUMINUM ARMOR) MAY BE USED ABOVE CEILING AREAS PER N.E.C. ARTICLE 330.
- FITTINGS TO BE SET SCREW STEEL TYPE UTILIZING AN INSULATED THROAT.
- ALL MATERIALS INSTALLED IN RETURN PLENUM ARE TO BE PLENUM RATED.
- PROVIDE HANGERS & SUPPORTS APPROVED FOR USE BY NEC.
- ALL FIRE SEALANTS TO BE U.L. LISTED AND APPROVED FOR USE W/APPROPRIATE U.L. PENETRATION DETAIL.
- CONDUCTORS SHALL BE COPPER RATED AT NOT LESS THAN 600 VOLTS. MINIMUM SIZE SHALL BE #12 AWG UNLESS OTHERWISE NOTED ON THE DRAWINGS. ALL WIRE #8 AWG AND LARGER SHALL BE STRANDED. ALL CONDUCTORS #10 AND SMALLER MAY BE SOLID OR STRANDED, UNLESS OTHERWISE NOTED. CONDUCTOR INSULATION SHALL BE TYPE THIN UNLESS OTHERWISE NOTED. ALL EXTERIOR CABLE OR OTHER WIRE EXPOSED TO SUNLIGHT SHALL BE RATED FOR EXTERIOR USE & SUNLIGHT RESISTANT. ALL CIRCUITS TO INCLUDE GROUND WIRES.
- ALL WIRING SHALL BE INSTALLED IN INTERMEDIATE METAL CONDUIT, OR EMT, EXCEPT AS ALLOWED BELOW. EMT SHALL NOT BE USED IN OR UNDER CONCRETE SLABS, OR IN MASONRY WALLS. USE SCHEDULE 40 PVC OUTDOORS WHERE NOT SUBJECT TO PHYSICAL DAMAGE OR BELOW FLOOR SLAB. MINIMUM CONDUIT SIZE TO BE 1/2". TYPE MC, AC CABLE, AND NON-METALLIC SHEATHED MAYBE USED WHERE PERMISSIBLE BY NEC.
- RECESSED FIXTURES INSTALLED IN INSULATED CEILINGS OR WALLS TO BE 'IC RATED', AND MEET REQUIREMENTS OF ASTM E 283.
- PROVIDE CIRCUIT BREAKERS WITH UL LISTED INTERRUPTING RATINGS (RMS SYMMETRICAL AMPERES) GREATER THAN THE AVAILABLE FAULT CURRENT SHOWN ON ELECTRICAL ONE LINE DIAGRAM OR EQUAL RATING AS ELECTRICAL PANEL.
- E.C. TO FOLLOW MANUFACTURER'S INSTRUCTIONS WHEN INSTALLING ELECTRICAL EQUIPMENT. ENSURE REQUIRED MAINTENANCE ACCESS AND CLEARANCES ARE MAINTAINED. IF CONFLICT EXISTS BETWEEN THESE PLANS AND MFG INSTRUCTIONS CONTACT ENGINEER.
- A COMPLETE GROUNDING SYSTEM SHALL BE PROVIDED AND INSTALLED IN ACCORDANCE WITH ARTICLE 250 OF THE NEC, AND AS SHOWN ON THE DRAWINGS.
- PROVIDE A PULLWIRE IN ALL EMPTY CONDUITS, INCLUDING DATA/TELE.
- PROVIDE A TYPED DIRECTORY IN ALL PANELBOARDS CLEARLY DESCRIBING THE LOCATION OF AND TYPE OF LOAD BEING SERVED FOR ALL CIRCUITS. PROVIDE ENGRAVED PHENOLIC NAMEPLATES FOR ALL PANELBOARDS AND DISCONNECT SWITCHES, WHITE LETTERS ON BLACK BACKGROUND.
- ALL PENETRATIONS THROUGH EXTERIOR WALLS & ROOF SHALL BE FLASHED & COUNTER-FLASHED IN A WATERPROOF MANNER.
- SEAL ALL PENETRATIONS OF SMOKE PARTITIONS OR FIRE RATED WALLS, CEILING, FLOORS IN ACCORDANCE W/ APPROPRIATE U.L. PENETRATION DETAIL AND NC BUILDING CODE.
- PENETRATIONS OF NON-RATED WALLS, PARTITIONS AND FLOOR OF COMBUSTIBLE CONSTRUCTION SHALL BE FIRESTOPPED WITH MATERIALS EQUIVALENT TO TWO INCHES OF WOOD. FIRESTOPPING SHALL COMPLY WITH ASTM E-814.
- ANY NOTCHING, DRILLING, BORING OR OTHER ALTERATION TO BUILDING STRUCTURE SHALL BE PERFORMED IN A CODE APPROVED METHOD AND NOT THREATEN THE INTEGRITY OF THE BUILDING STRUCTURE.
- SUPPORT ALL CONDUIT AND EQUIPMENT IN ACCORDANCE W/NEC. ANY SUSPENDED MATERIALS SHALL BE DIRECTLY SUPPORTED BY THE BUILDING STRUCTURE.
- PENETRATIONS OF ALL EXTERIOR WALLS, FLOORS AND CEILINGS SHALL BE SEALED WEATHER & AIR TIGHT.
- THE E.C. SHALL BE RESPONSIBLE FOR PROTECTING ALL ELECTRICAL EQUIPMENT FROM FOREIGN MATERIAL DURING CONSTRUCTION (PAINT, SPACKLE, ETC.). UPON COMPLETION OF WORK THE E.C. SHALL CLEAN, WASH, ETC ALL ITEMS AND EQUIPMENT WITHIN HIS/HER SCOPE OF WORK AND LEAVE ALL ITEMS BRIGHT AND CLEAN.
- IN REQUIRED FIRE RATED WALLS AND PARTITIONS, OPENINGS FOR INSTALLATION OF BOXES THAT ARE GREATER THAN 16 SQUARE INCHES SHALL BE PROTECTED AS REQUIRED BY U.L.
- DEVICES INCLUDING GFCI PROTECTION MUST HAVE THEIR TESTING MEANS READILY ACCESSIBLE. PROVIDE REMOTE TESTING MEANS OR GFCI BREAKER FOR GFCI RECEPTACLES AND SIMILAR DEVICES WHICH ARE NOT READILY ACCESSIBLE (I.E. BEHIND EQUIPMENT, AT CEILING, ETC). (NEC 210.8).
- PROVIDE HEATING, AIR CONDITIONING, REFRIGERATION TYPE CIRCUIT BREAKERS FOR HVAC EQUIPMENT CIRCUITS.

200 AMP 240V PANEL

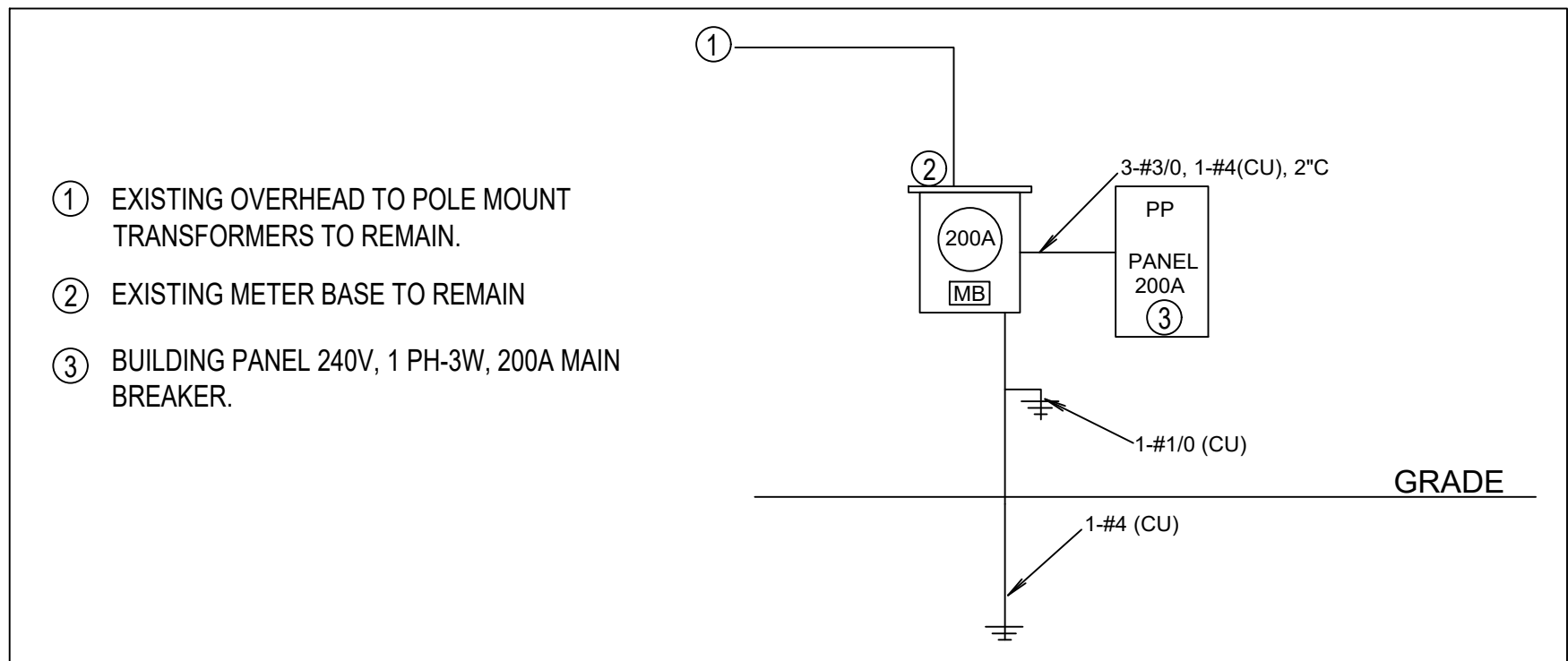
PANEL LABEL: PP		TOTAL CONNECTED LOAD			PANEL TYPE: MAIN BREAKER	
MAIN BUS (A): 225A		LIGHTING: 0.9	KVA	VOLTAGE: 240V SINGLE PHASE		
SERVING: MAIN PANEL		POWER: 6.48	KVA	RATING: NEMA 1		
CAT. NO.: SQUARE D NQO		HVAC: 19.6	KVA	A.I.C.: 22K		
		TOTALS: 26.98	KVA	MOUNT: SURFACE		

CKT. NO.	TRIP AMPS	LOAD SERVED	LOAD			LOAD			TRIP AMPS	CKT. NO.
			LIGHT S	POWE R	HVAC	LIGHT S	POWE R	HVAC		
1	60/2	AIR HANDLER, GP-1			4.9			4.9		2
3					4.9			4.9		4
5	25/2	FUTURE WATER HEATER					0.6			6
7							0.3			8
9	20/1	RECEPTACLES		1.08			1.08			10
11	20/1	RECEPTACLES		1.08			1.08			12
13	20/1	RECEPTACLES		1.08			1.08			14
15	20/1	SPARE								16
17	20/1	SPARE								18
19	20/1	SPARE								20
21	20/1	SPARE								22
23	20/1	SPARE								24
25	20/1	SPARE								26
27	20/1	SPARE								28
29	20/1	SPARE								30
31	20/1	SPARE								32
33	20/1	SPARE								34
35	20/1	SPARE								36
37	20/1	SPARE								38
39	20/1	SPARE								40
41	20/1	SPARE								42

LIGHTING FIXTURE SCHEDULE

MARK	MANUFACTURER	CATALOG NUMBER	LAMP DATA			VOLTS	INPUT WATTS	MOUNTING	DESCRIPTION
			TYPE	LUMENS	TEMP				
C	BOCK LIGHTING	520-EG8-IG8 / 630C-10FT-CBK-G8 LAMP: LAH02	LED	3300	3500K	120	43	SURFACE	20" STANDARD DOME WITH COVERT CANOPY & 10FT CORD; DARK BRONZE (G8) EXTERIOR SHADE, INTERIOR SHADE, & MOUNTING 1 FINISH; CBK STANDARD CORD BLACK.
B	BOCK LIGHTING	512-EG8-IG8 / GN20A-G8 LAMP: LAC02	LED	1500	3500K	120	23	WALL	12" STANDARD DOME WITH 20" STYLE A GOOSENECK; DARK BRONZE (G8) EXTERIOR SHADE, INTERIOR SHADE, & MOUNTING 1 FINISH
A	BOCK LIGHTING	SN514-EG8-IG8 / GNX-1004-G8 LAMP: LAC02	LED	1500	3500K	120	23	WALL	14" STEP NECK DOME WITH CUSTOM GOOSENECK; DARK BRONZE (G8) EXTERIOR SHADE, INTERIOR SHADE, AND MOUNTING 1 FINISH
	LITHONIA	EDG	LED	-	-	120	4.3	SURFACE	EXIT-EMERGENCY LIGHT COMBO, (2) ADJ. HEADS, BATTERY BACKUP, RED LETTERS
	LITHONIA	ELM2L	LED	-	-	120	4.3	SURFACE	EMERGENCY LIGHT, (2) ADJ. HEADS, BATTERY BACKUP

- NOTES:
- APPROVED EQUAL BY LITHONIA, COLUMBIA, COOPER, OR BELL & MCCOY.
 - COORDINATE ALL COLOR OPTIONS WITH OWNER & ARCHITECT. PRIOR TO ORDERING.
 - VERIFY EXACT MOUNTING REQUIREMENTS IN FIELD. COORDINATE WITH ARCHITECT & OWNER FOR EXACT ELEVATION PRIOR TO INSTALLATION.
 - VERIFY FINAL LOCATIONS OF LIGHT FIXTURES WITH OWNER PRIOR TO INSTALLATION.
 - COORDINATE LOCATION OF LIGHT FIXTURES WITH ALL TRADES AS REQUIRED.
 - EXIT AND EMERGENCY LIGHTING FIXTURES SHALL BE CIRCUITED TO AN UNSWITCHED LEG OF A NORMALLY ON LOCAL LIGHTING CIRCUIT (UNLESS NOTED OTHERWISE), INCLUDE 90 MINUTE BATTERY BACKUP & MEANS OF TESTING.
 - FIXTURES WITH A FACTORY STANDARD INSTALLED EMERGENCY OPTION SHOULD USE THAT WHERE 'EM' IS SHOWN.
 - ALL LAMPS OF A SINGLE FIXTURE TYPE INSTALLED IN AREA/ROOM/SPACE ARE TO BE OF THE SAME TEMPERATURE/COLOR.



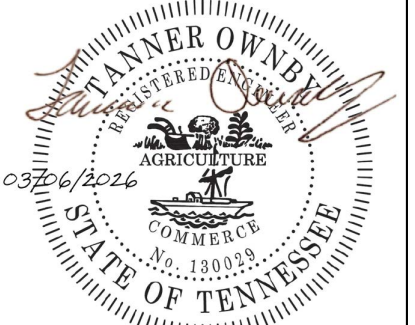
ELECTRICAL RISER DIAGRAM-TYPICAL
N.T.S.

NOTES:

- THIS DOCUMENT IS THE PROPERTY OF STEADFAST SOLUTIONS LLC. THE INFORMATION CONTAINED HEREIN IS CONSIDERED CONFIDENTIAL. THIS DOCUMENT IS NOT TO BE USED, REPRODUCED, OR DISCLOSED IN WHOLE OR IN PART WITHOUT PRIOR WRITTEN PERMISSION OF STEADFAST SOLUTIONS LLC. IN EACH INSTANCE.
- THE DRAWING IS TO BE USED IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS, SERVICE ENGINEERS, AND STEADFAST SOLUTIONS DRAWING SPECIFICATIONS.

APPLICABLE CODES & REGULATIONS

2024	INTERNATIONAL BUILDING CODE (IBC)
2024	INTERNATIONAL FUEL GAS CODE (IFGC)
2024	INTERNATIONAL MECHANICAL CODE (IMC)
2024	INTERNATIONAL PLUMBING CODE (IPC)
2024	INTERNATIONAL FIRE CODE (IFC)
2017	NATIONAL ELECTRICAL CODE (NEC)
2024	INTERNATIONAL ENERGY CONSERVATION CODE (IECC)
2024	INTERNATIONAL EXISTING BUILDING CODE



REV:	DESCRIPTION:	BY:	DATE:
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STEADFAST SOLUTIONS LLC
TANNER OWNBY, PE
420 S. PINE ST.
FLORENCE, AL. 35630
(256)577-1267
TANNER@STEADFASTSOLUTIONS-ENG.COM
CLIENT:

DEREK BELL

LOCATION:
**111 NASHVILLE HIGHWAY
COLUMBIA, TN. 38401**

TITLE:
ELECTRICAL SCHEDULES & NOTES

SCALE: 1/4" = 1'-0"	SIZE: ARCH D	DATE: 03/06/2026	DRAWN: KDH
CHECKED BY: TJO	PROJECT NO. 26013	ISSUED FOR: REVIEW	SHEET: E2.1 OF 5



Compliance Certificate

Project Information

Energy Code: 2024 IECC
 Project Title: 111 NASHVILLE HWY TENANT BUILD OUT
 Location: Columbia, Tennessee
 Climate Zone: 3a
 Project Type: Alteration
 Project Sub Type: Other Alteration
 All Electric: false
 Is Renewable: false
 Has Battery: false
 Has Charger: false
 Has Heat Pump: false

Digitally signed by Tanner Ownby
 Date: 2026.03.06 12:20:21 -06'00'

Construction Site: 111 Nashville Hwy, Columbia, Tennessee 38401
 Owner/Agent: Derek Bell, Steadfast Solutions, LLC
 Designer/Contractor: Tanner Ownby, Steadfast Solutions, LLC

Notes: Building renovation, White Box

Renewable energy

Number of Floors: 1
 Area of Three Largest Floors: 4996
 Proposed Capacity: 0
 Required Capacity: 0
 Proposed On-site Energy: 0
 Required On-site Energy: 0
 Exception: Building effective floor area is less than 5,000 ft²

Renewables Pass: Exception: Building effective floor area is less than 5,000 ft²

Building Area

Description	Floor Area
1-BUSINESS/OFFICE TENANT BUILD OUT (Office) - Nonresidential	4996

Interior Lighting Compliance Certificate

Project Information

Energy Code: 2024 IECC
 Project Title: 111 NASHVILLE HWY TENANT BUILD OUT
 Location: Columbia, Tennessee
 Climate Zone: 3a
 Project Type: Alteration

Construction Site: 111 Nashville Hwy, Columbia, Tennessee 38401
 Owner/Agent: Derek Bell, Steadfast Solutions, LLC
 Designer/Contractor: Tanner Ownby, Steadfast Solutions, LLC

Allowed Interior Lighting Power

A	B	C	D
Area Category	Floor Area (ft ²)	Allowed Watts / ft ²	Allowed Watts
1-Tenant (Common Space, Types Office - open plan)	4996	0.11	308
Total Allowed Watts:			

Proposed Interior Lighting Power

A	B	C	D
Fixture ID - Description / Lamp / Wattage Per Lamp / Ballast	# of Fixture	Fixture Watt.	(B X C)
1-Tenant (Common Space, Types Office - open plan)			
CEILING LIGHT: CEILING LIGHT: LED	34	43	1462
Total Proposed Watts:			

Proposed Interior Lighting Controls

Fixture	Lighting Control
1-Tenant (Common Space, Types Office - open plan)	Occupancy Sensor, Manual Control
CEILING LIGHT: CEILING LIGHT: LED	

Interior Lighting PASSES

Interior Lighting Compliance Statement

Compliance Statement: The proposed interior lighting design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed interior lighting systems have been designed to meet the 2024 IECC requirements in COMcheck Web and to comply with any applicable mandatory requirements listed in the Inspector Checklist.

TANNER OWNBY - PROFESSIONAL ENGINEER
 Name - Title: Tanner Ownby
 Signature: [Signature]
 Date: 03/06/2026

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- THE DRAWING IS TO BE USED IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS, SERVICE ENGINEERS, AND STEADFAST SOLUTIONS DRAWING SPECIFICATIONS.

APPLICABLE CODES & REGULATIONS

2024	INTERNATIONAL BUILDING CODE (IBC)
2024	INTERNATIONAL FUEL GAS CODE (IFGC)
2024	INTERNATIONAL MECHANICAL CODE (IMC)
2024	INTERNATIONAL PLUMBING CODE (IPC)
2024	INTERNATIONAL FIRE CODE (IFC)
2017	NATIONAL ELECTRICAL CODE (NEC)
2024	INTERNATIONAL ENERGY CONSERVATION CODE (IECC)
2024	INTERNATIONAL EXISTING BUILDING CODE

Exterior Lighting Compliance Certificate

Project Information

Energy Code: 2024 IECC
 Project Title: 111 NASHVILLE HWY TENANT BUILD OUT
 Location: Columbia, Tennessee
 Climate Zone: 3a
 Project Type: Alteration
 Exterior Lighting Zone: High activity metropolitan commercial district (L24)

Construction Site: 111 Nashville Hwy, Columbia, Tennessee 38401
 Owner/Agent: Derek Bell, Steadfast Solutions, LLC
 Designer/Contractor: Tanner Ownby, Steadfast Solutions, LLC

Allowed Exterior Lighting Power

A	B	C	D	E
Area/Surface Category	Quantity	Allowed Watts / ft ²	Tradable Wattage	Allowed Watts (B X C)
Ext Area (Illuminated area of facade wall or surface)	3456 ft ²	0.15	No	518.4
Total Tradable Watts (a):				
Base Site Allowance (b):				
Total Allowed Watts:				

(a) Wattage tradeoffs are only allowed between tradable areas/surfaces.
 (b) A base site allowance equal to 400 watts may be applied toward compliance of both non-tradable and tradable areas/surfaces.

Proposed Exterior Lighting Power

A	B	C	D	E
Fixture ID - Description / Lamp / Wattage Per Lamp / Ballast	Lamps/Fixture	# of Fixture	Fixture Watt.	(C X D)
Ext Area (Illuminated area of facade wall or surface 3456 ft ²): Tradable Wattage				
Wall Dome, Wall Dome: LED	0	2	23	46
Wall Step Neck Dome, Wall Step Neck Dome: LED	0	12	23	276
Total Tradable Proposed Watts:				

Proposed Exterior Lighting Controls

Fixture	Lighting Control
Ext Area (Illuminated area of facade wall or surface 3456 ft ²)	
Wall Dome, Wall Dome: LED	Daylight ShutOff, Facade or Landscape
Wall Step Neck Dome, Wall Step Neck Dome: LED	Daylight ShutOff, Facade or Landscape

Exterior Lighting PASSES

Exterior Lighting Compliance Statement

Compliance Statement: The proposed exterior lighting design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed exterior lighting systems have been designed to meet the 2024 IECC requirements in COMcheck Web and to comply with any applicable mandatory requirements listed in the Inspector Checklist.

TANNER OWNBY - PROFESSIONAL ENGINEER
 Name - Title: Tanner Ownby
 Signature: [Signature]
 Date: 03/06/2026

NOTE: THIS PROJECT IS PERMITTED AS CORE AND SHELL (WHITE BOX) CONSTRUCTION. FINAL SYSTEM DESIGN FOR TENANT IMPROVEMENTS SHALL PROVIDE ENERGY COMPLIANCE DOCUMENTATION, INCLUDING COMCHECK REPORTS, DEMONSTRATING COMPLIANCE WITH THE APPLICABLE EDITION OF THE INTERNATIONAL ENERGY CONSERVATION CODE.



REV:	DESCRIPTION:	BY:	DATE:



STEADFAST SOLUTIONS LLC
 TANNER OWNBY, PE
 420 S. PINE ST.
 FLORENCE, AL, 35630
 (256)577-1267
 TANNER@STEADFASTSOLUTIONS-ENG.COM
 CLIENT:

DEREK BELL

LOCATION:
 111 NASHVILLE HIGHWAY
 COLUMBIA, TN, 38401

TITLE:
 ELECTRICAL COMCHECK CERTIFICATES

SCALE: 1/4" = 1'-0"	SIZE: ARCH D	DATE: 03/06/2026	DRAWN: KDH
CHECKED BY: TJO	PROJECT NO: 26013	ISSUED FOR: REVIEW	SHEET: E2.2 OF 5