



7.16.24



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GENERAL NOTES

- THE CONTRACT DOCUMENTS DEFINE THE DESIGN INTENT AND SCOPE OF THE WORK AND SHALL BE CONSIDERED AS A WHOLE IN DEFINING THE PROJECT. THOUGH PORTIONS OF THE WORK HAVE BEEN DIVIDED INTO DIFFERENT TRADES AS IS CUSTOMARY, REQUIREMENTS FOR EACH TRADE MAY HAVE INFORMATION PERTINENT TO THAT TRADE IN OTHER PORTIONS OF THE CONTRACT DOCUMENTS.
- THESE NOTES APPLY TO THE CONTRACT DOCUMENTS. REFER TO ARCHITECTURAL AND OTHER CONTRACT DOCUMENTS FOR ADDITIONAL GENERAL NOTES, SCOPE, ABBREVIATIONS AND SYMBOLS.
- IN CASE OF CONFLICT BETWEEN ARCHITECT'S AND ENGINEER'S DRAWINGS IN LOCATION OF MATERIALS OR EQUIPMENT, THE ARCHITECTURAL DRAWINGS SHALL GOVERN, BUT GC SHALL VERIFY WITH ARCHITECT PRIOR TO WORK.
- DRAWINGS OF BASE BUILDING CONDITIONS ARE BASED ON EXISTING BUILDING DRAWINGS AND ON LIMITED FIELD OBSERVATION BY ARCHITECT. ACTUAL CONDITIONS MAY DIFFER FROM THOSE SHOWN. IF DISCREPANCIES ARE FOUND BETWEEN THE DOCUMENTS AND ACTUAL CONDITIONS AT THE SITE, NOTIFY ARCHITECT IMMEDIATELY.
- IF DOCUMENTS ARE AT VARIANCE WITH ONE ANOTHER ON A PARTICULAR ITEM OR ITEMS, THE BETTER QUALITY OR MORE EXPENSIVE OF THE CONDITIONS SHALL GOVERN. ITEMS OR EQUIPMENT SPECIFIED UNDER ONE TRADE SHALL BE BINDING AS IF SPECIFIED UNDER ALL APPLICABLE TRADES.
- WORK SHALL CONFORM TO LOCAL BUILDING CODES AND ORDINANCES AND OTHER AGENCIES HAVING JURISDICTION. ADHERE TO OSHA RULES AND REGULATIONS.
- MAINTAIN FOR ENTIRE LENGTH OF THE WORK EXITS, EXIT LIGHTING, FIRE PROTECTIVE DEVICES AND ALARMS TO CONFORM TO LOCAL BUILDING CODE REQUIREMENTS.
- PROVIDE BRACING AND PROTECT EXISTING WORK DURING CONSTRUCTION AGAINST DAMAGE, BREAKAGE, COLLAPSE, DISTORTION, AND/OR MISALIGNMENT IN ACCORDANCE WITH APPLICABLE CODES, STANDARDS, AND GOOD PRACTICE.
- PERFORM WORK SO AS TO NOT UNDERMINE THE STRUCTURAL INTEGRITY OF THE BUILDING.
- PROVIDE INTERIOR FINISH MATERIALS PER CODE REQUIREMENTS FOR FLAME SPREAD / SMOKE DEVELOPED PER LIMITS NOTED ON CODE ANALYSIS BASED ON ASTM E-84 TEST METHOD. COMPLETELY COVER FOAMED PLASTIC INSULATION (URETHANE, POLYSTYRENE, POLYISOCYANURATE OR OTHER TYPE) WITH A MINIMUM 1/2 INCH THICKNESS OF GYPSUM WALLBOARD. PROVIDE CEILINGS AND INSULATION ABOVE CEILINGS THAT ARE NON-COMBUSTIBLE.
- PROVIDE WOOD MATERIALS TO MEET APPLICABLE CODES. BLOCKING SHALL BE FIRE RETARDANT TREATED WOOD WHERE REQUIRED IN ACCORDANCE WITH LOCAL BUILDING CODES.
- PATCH ANY SURFACES WHERE DAMAGED IN THE PERFORMANCE OF WORK IN A MANNER SUITABLE TO RECEIVE SCHEDULED FINISHES AND TO MATCH ADJACENT NON-DAMAGED SURFACES, AND TO NOT BE APPARENT FROM WITHIN 3' OF SURFACE.

- ISOLATE DISSIMILAR METALS FROM EACH OTHER TO AVOID MOLECULAR BREAKDOWN.
- PROVIDE STIFFENERS, BRACINGS, BACKING PLATES AND SUPPORTING BRACKETS REQUIRED FOR THE PROPER INSTALLATION OF CASEWORK, AS WELL AS WALL-MOUNTED OR SUSPENDED MECHANICAL, ELECTRICAL AND/OR MISCELLANEOUS EQUIPMENT WHETHER SHOWN OR NOTED.
- WHETHER OR NOT EXPLICITLY INDICATED, PROVIDE SAFETY GLAZING WHEN GLAZING IS WITHIN 18' OF FLOOR OR WITHIN 3'-0" HORIZONTAL DISTANCE FROM ANY DOOR. SUPPLY A CERTIFICATE TO ACCOMPANY GLAZING PRODUCTS STATING THAT PRODUCTS CONFORM TO APPLICABLE CONSUMER PRODUCT SAFETY STANDARDS. COORDINATE LOCATION OF PERMANENT STAMPS ON GLASS WITH ARCHITECT.
- APPLY, INSTALL, CONNECT, ERECT, CLEAN, AND CONDITION MANUFACTURED ARTICLES, MATERIALS, AND EQUIPMENT PER MANUFACTURER'S INSTRUCTIONS. IN CASE OF CONFLICT BETWEEN MANUFACTURER'S INSTRUCTIONS AND CONTRACT DOCUMENTS, OBTAIN WRITTEN CLARIFICATION FROM ARCHITECT BEFORE PROCEEDING.
- ANY WORK NOTED "BY OTHERS" OR "NIC" WILL BE PROVIDED BY OWNER OR UNDER SEPARATE CONTRACT. COORDINATE AND SCHEDULE THIS WORK WITH OWNER AND OWNER'S SEPARATE CONTRACTORS TO ASSURE ORDERLY SEQUENCE OF INSTALLATION.
- DRAWINGS AT A LARGER SCALE TAKE PRECEDENCE OVER DRAWINGS AT SMALLER SCALE. WHERE INCONSISTENCIES ARE FOUND IN THE DRAWINGS, REQUEST CLARIFICATION FROM ARCHITECT PRIOR TO PROCEEDING.
- DETAILS NOT SHOWN ARE SIMILAR IN CHARACTER TO THOSE SHOWN. WHERE SPECIFIC DIMENSIONS, DETAILS OR DESIGN INTENT CANNOT BE DETERMINED, NOTIFY ARCHITECT OF REQUIRED CLARIFICATION BEFORE PROCEEDING WITH THE WORK.
- FINISH FLOOR ELEVATIONS ARE TO TOP OF FINISH, UNLESS OTHERWISE NOTED.
- PRIOR TO FINAL FINISHING, PATCH AND REPAIR PARTITIONS TO A SMOOTH CONDITION.
- PROVIDE METAL BACKING PLATES OR SOLID WOOD BLOCKING (FIRE TREATED) IN PARTITIONS FOR MILLWORK AND WALL ATTACHED ITEMS. COORDINATE PLACEMENT OF BLOCKING FOR MILLWORK PRIOR TO CLOSING WALLS.
- GC SHALL PROVIDE INTERIOR SIGNAGE FOR ALL REQUIRED ROOMS WITHIN PROJECT SCOPE.
- GC SHALL PROVIDE FIRE EXTINGUISHERS AT LOCATIONS DESIGNATED BY LOCAL FIRE OFFICIAL.

GENERAL FINISH NOTES

- LOCATE FLOOR FINISH TRANSITIONS AT CENTERLINE OF DOOR, UNLESS OTHERWISE NOTED. NOTE TRANSITIONS INDICATED ON FINISH PLANS.
- PAINT REVEALS AND FILLER STRIPS TO MATCH ADJACENT PARTITION FINISH, UNLESS OTHERWISE NOTED.
- WHERE NEW PAINTED SURFACES ADJOIN EXISTING SURFACES, ADEQUATELY MASK EXISTING SURFACES TO PREVENT OVER-PAINT.
- WHERE EXISTING PARTITIONS ARE AFFECTED BY NEW WORK, REFINISH GYPSUM WALLBOARD TO MATCH ADJACENT NON-AFFECTED WORK. EXTEND REFINISHING FROM CORNER OF WALL TO CORNER OF WALL FULL HEIGHT. PROVIDE NEW BASE AND WALL FINISHES TO MATCH. COORDINATE WITH BUILDING MANAGEMENT FOR ATTIC STOCK. WHERE FLOOR FINISHES ARE AFFECTED, PROVIDE NEW FLOORING TO MATCH EXISTING FLOORING TO REMAIN. PATCHING SHALL NOT BE EVIDENT WHEN REVIEWED FROM A STANDING POSITION.
- PROVIDE THE FOLLOWING PAINT SHEENS:
GYPSUM WALLBOARD CEILINGS: FLAT
GYPSUM WALLBOARD PARTITIONS: EGGSHELL
WOOD TRIM, FRAMES AND DOORS: WHICH SHALL BE AS SPECIFIED AND BLIND DOORS WHICH SHALL MATCH ADJACENT PARTITION, WHERE APPLICABLE.
- USE PRIMER COMPATIBLE WITH SUBSTRATE TO BE PAINTED AND APPLY FINAL FINISH COAT AS RECOMMENDED BY MANUFACTURER TO MATCH ARCHITECT SPECIFIED FINISH. TINT PRIME COAT TOWARD FINAL COLOR.
- ROLL APPLY PAINT TO GYPSUM BOARD. SPRAY APPLICATION IS NOT ACCEPTABLE.
- SPRAY-APPLY PAINT TO METAL SURFACES UNLESS OTHERWISE NOTED OR APPROVED BY ARCHITECT.
- PAINT AND FINISH EXPOSED SURFACES UNLESS OTHERWISE NOTED. PAINT SURFACES BEHIND REMOVABLE EQUIPMENT/ FURNITURE. PAINT BEHIND NON-REMOVABLE ITEMS WITH PRIME COAT ONLY.
- UNLESS OTHERWISE NOTED, LAY RESILIENT TILE FROM CENTER MARKS ESTABLISHED WITH PRINCIPAL WALLS, DISCOUNTING MINOR OFFSETS, SO THAT TILE AT OPPOSITE EDGES OF THE ROOM ARE EQUAL WIDTH. ADJUST AS NECESSARY TO AVOID USE OF CUT WIDTHS LESS THAN 3" WIDE AT ROOM PERIMETERS. LAY TILE SQUARE TO HALLWAY AXES, UNLESS OTHERWISE NOTED.
- MATCH RESILIENT TILES FOR COLOR AND PATTERN BY USING TILE FROM CARTONS IN SAME SEQUENCE AS MANUFACTURED AND PACKAGED. BROKEN, CRACKED, CHIPPED OR DEFORMED TILE WILL NOT BE ACCEPTABLE.
- LAY RESILIENT TILE DIRECTIONAL GRAIN PATTERN AS DIRECTED BY ARCHITECT.
- GRILLES, PLATES, DIFFUSERS, AND OTHER ITEMS OCCURRING IN WALLS OR CEILING SHALL BE PAINTED TO MATCH SURFACES ON WHICH THEY OCCUR UNLESS OTHERWISE NOTED.
- PRIME METAL SURFACES PRIOR TO PAINTING.
- DO NOT SEAM WALLCOVERING IN MIDDLE OF WALLS OR COLUMNS.
- LEVEL FLOOR THAT EXCEEDS 1/4" VARIANCE IN A 10'-0" RADIUS.

SUBMITTALS FOR ARCHITECT AND OWNER'S REVIEW

DOORS, DOOR HARWARE, WINDOWS, PLUMBING FIXTURES, TOILET ROOM ACCESSORIES, FLOORING, & VINYL BASE

SCOPE OF WORK

SCOPE OF WORK INVOLVES THE ENCLOSURE OF AN EXISTING COVERED PATIO WHICH IS ATTACHED TO THE REAR SIDE OF A COMMUNITY CENTER BUILDING. THE ADDITION ADDS 336 SF OF CONDITIONED SQUARE FOOTAGE TO THE EXISTING BUILDING, BRINGING THE TOTAL CONDITIONED SQUARE FOOTAGE OF THE BUILDING TO 3,091 SF.
AN ADD ALTERNATE PROPOSES TO ADD AN ADDITIONAL OFF THE COVERED PATIO ENCLOSURE OF 93 SF OF CONDITIONED SQUARE FEET

ABBREVIATIONS

AFF	ABOVE FINISHED FLOOR
BO	BOTTOM OF
DN	DOWN
DS	DOWNSPOUT
EQ	EQUAL
EXIST	EXISTING
FIN. FL.	FINISHED FLOOR
GB	GRAB BAR
GWB	GYPSUM WALLBOARD
MC	MEDICINE CABINET
OC	OWNER FURNISHED, CONTRACTOR INSTALLED
PKT	POCKET DOOR
PT	PRESSURE TREATED
PTD	PAINTED
RO	ROUGH OPENING
SIM	SIMILAR
STD	STAINED
TBD	TO BE DETERMINED
TME	TO MATCH EXISTING
TO	TOP OF
TYP	TYPICAL
UNO	UNLESS NOTED OTHERWISE
VIF	VERIFY IN FIELD

DOOR SCHEDULE

NO.	DOOR SIZE (W x H)	THICKNESS	MATERIAL	TYPE	Frame	HARDWR	REMARKS
1	Pair 3'-0" x 6'-8"	1 3/4"	Wood/Glass	Full-lite	Metal	See remarks	Tempered glass. Ball bearing hinges. Push pull plates with 8" on center pulls. Kick plates. Door closers
2	3'-0" x 6'-8"	1 3/4"	Metal	Full-lite	Metal	See remarks	Ball bearing hinges. Door closer (non-hold open). Rim panic bar x outside lever passage (no key)
3	Pair 3'-0" x 6'-8"	1 3/4"	Solid Core Wood	Flush	Wood		
4	+/- 2'-0" x +/- 2'-4"	Exist.	Exist.	Exist.	Wood		Existing door. Rehang in new opening.
5	+/- 3'-0" x +/- 6'-8"	Exist.	Exist.	Exist.	Wood		Existing door. Rehang in existing opening. Rebuild frame as needed.
Add-Alternate Doors							
6	Pair 2'-0" x +/- 5'-0"	1 3/4"	Solid Core Wood	Flush	Wood		Confirm in field that height of doors will work in opening
7	Pair 3'-0" x 6'-8"	1 3/4"	Wood/Glass	Full-lite	Metal	See remarks	Tempered glass. Ball bearing hinges. Push pull plates with 8" on center pulls. Kick plates. Door closers

NOTES:

- Hardware finish to match existing.
- Doors and doorways shall be ADA compliant and comply with ANSI A117.1-2009 section 404.
- The difference in finished floor elevation on one side of a door and another must be no more than 1/2". A 1/4" difference is preferred. Changes in elevation greater than 1/4" and not more than 1/2" max. Shall be beveled with a slope not steeper than 1:2. Per ANSI A117.1-2009
- Door handles, pulls, latches, locks, and other operating devices on doors shall not require tight grasping, tight pinching or twisting of the wrist to operate. Provide lever handle hardware unless noted otherwise. Per ANSI A117.1-2009 section 404.2.6

WINDOW SCHEDULE

Mark	Mfr. & Model #	Frame Size W x H	Exterior Finish	Interior Finish	Glazing	Misc.
A	Marvin Elevate Double Hung ELDH 3464	2'-9 1/2" x 5'-3 3/4"	White	Painted White	Low-E	White hardware, screen, no exterior trim

Covered Patio Enclosure Renovation

Efland Cheeks Community Center

Efland Cheeks Community Center

Covered Patio Enclosure Renovation

117 Richmond Road
Mebane, NC 27302

Bid Documents

For Construction

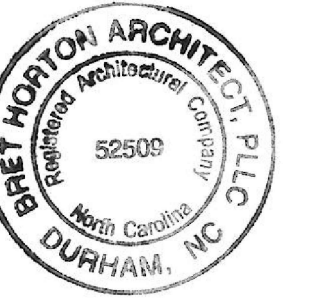
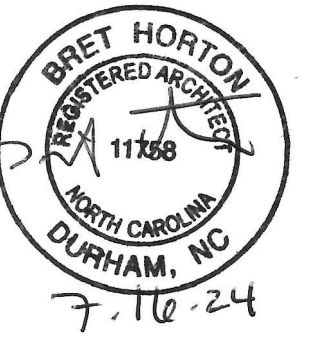
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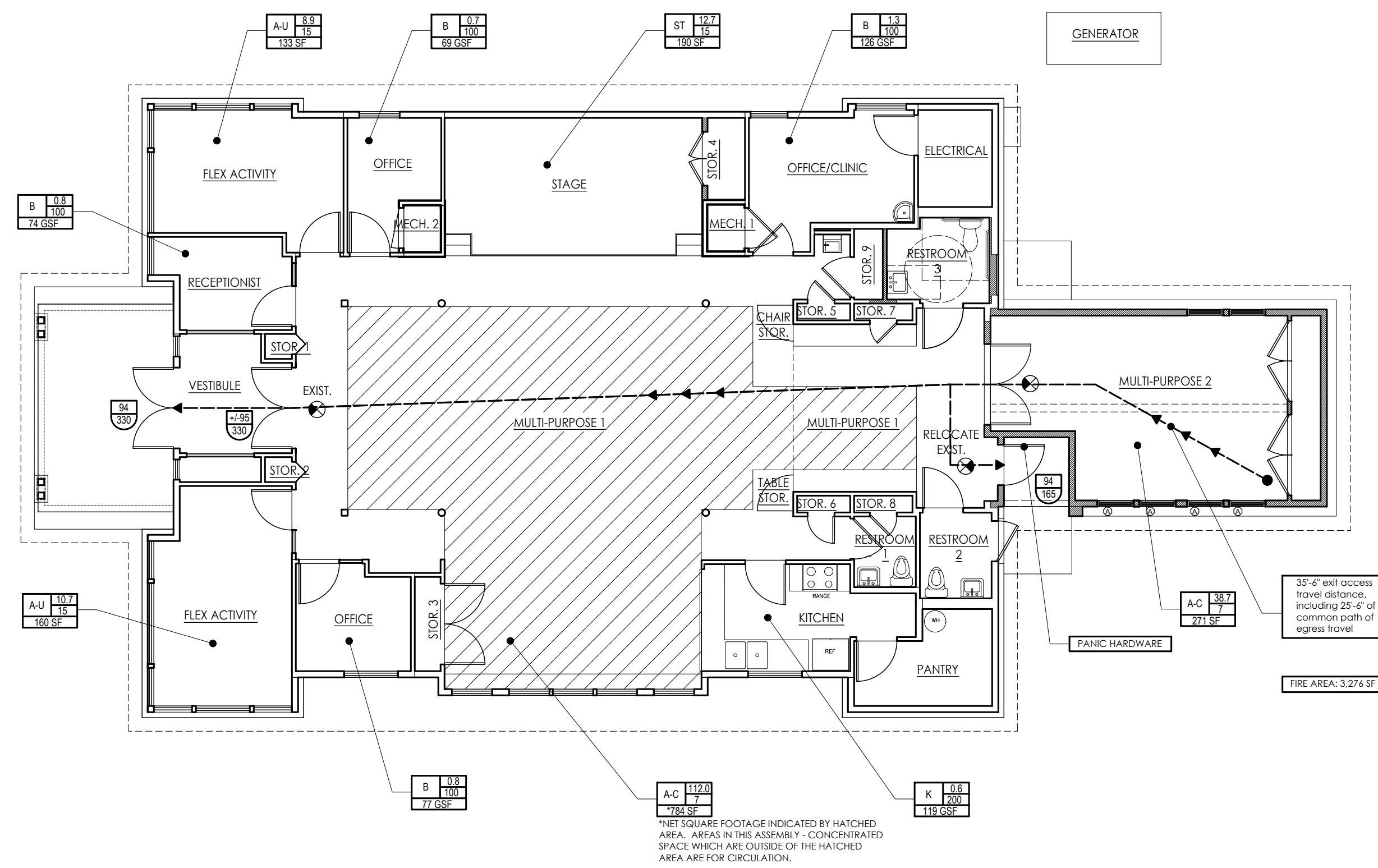
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COVER SHEET

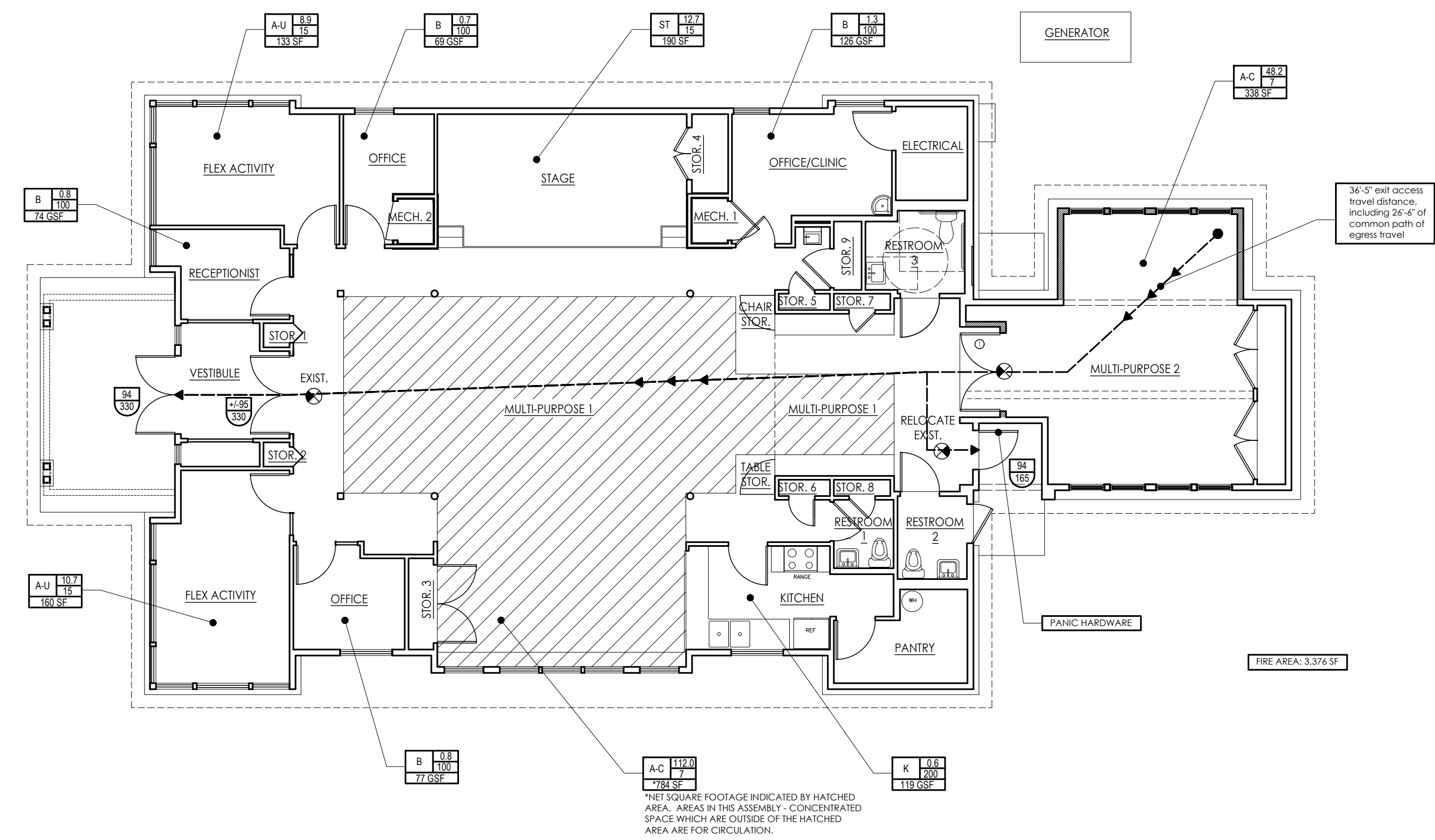
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DRAWN	BH		
PROJECT NUMBER			



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1 LIFE SAFETY PLAN
A1
1/8" = 1'-0"



2 LIFE SAFETY PLAN - FOR ADD ALTERNATE ADDITION
A1
1/8" = 1'-0"

LIFE SAFETY LEGEND - FUNCTION OF SPACE/EGRESS	
FUNCTION OF SPACE LEGEND:	
B	BUSINESS AREAS
A-C	ASSEMBLY - CONCENTRATED (CHAIRS ONLY - NOT FIXED)
A-U	ASSEMBLY - UNCONCENTRATED (TABLES AND CHAIRS)
K	KITCHENS
ST	STAGES AND PLATFORMS
EGRESS DOOR SYMBOL	
	ACTUAL OCCUPANT LOAD OF OPENING
	ALLOWABLE OCCUPANT LOAD OF OPENING. NOTE: CLEAR OPENING ASSUMED TO BE 3" LESS THAN DOOR WIDTH
ROOM OCCUPANCY SYMBOL	
	FUNCTION OF SPACE
	OCCUPANT LOAD
	ALLOWABLE AREA PER OCCUPANT
	AREA
FIRE EXTINGUISHER CABINET	
	F.E.C.
EXIT SIGN (HATCHED TRIANGLE INDICATES DIRECTION OF DIRECTIONAL INDICATORS FOR SIGN)	
MAXIMUM TRAVEL DISTANCE (MEASURED IN FEET)	
PATH OF EGRESS	

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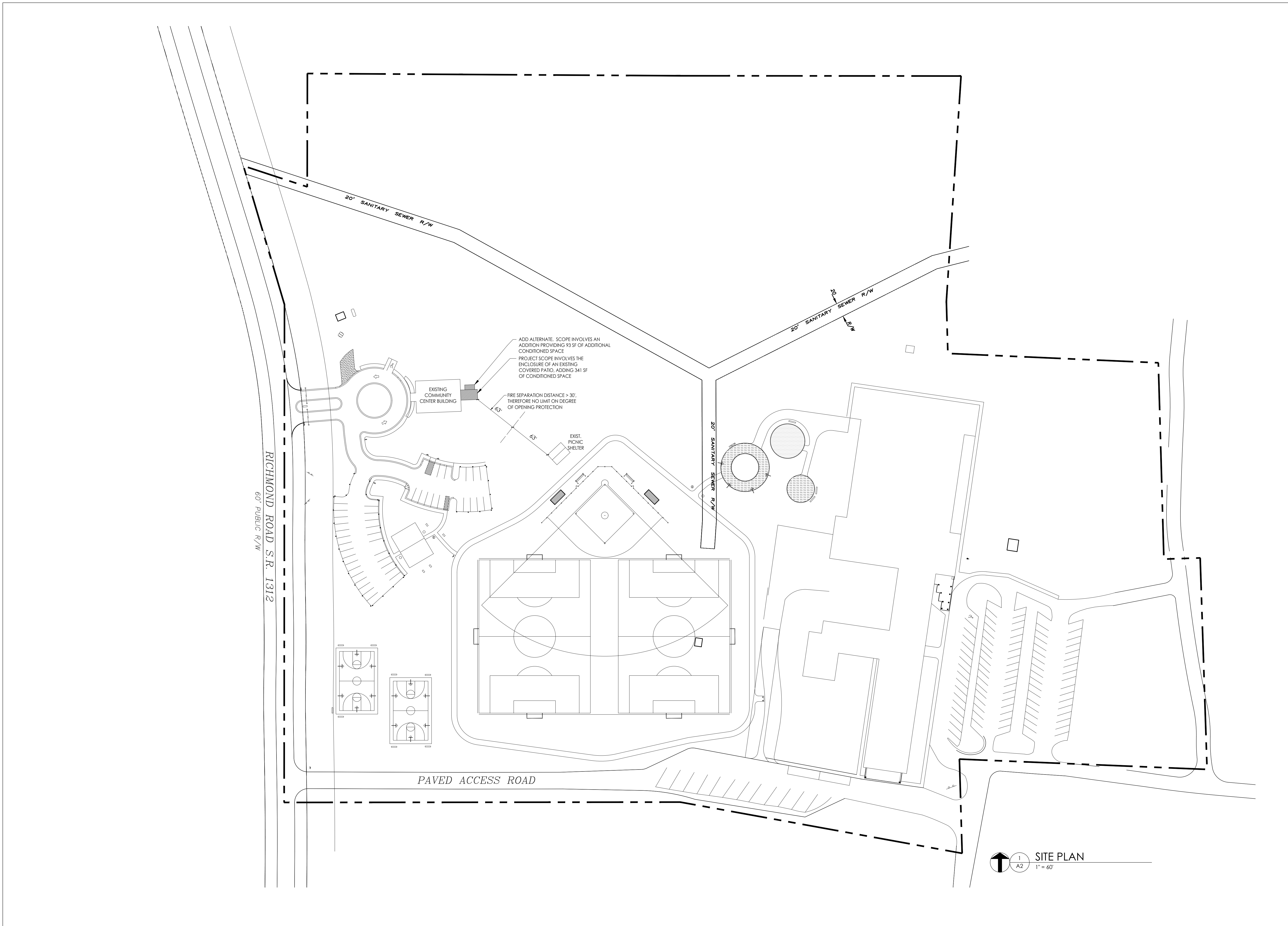
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LIFE SAFETY PLANS

DATE	SHEET
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DRAWN	BH
PROJECT NUMBER	

A1

PROJECT NUMBER



Bret Horton Architect

1308 Broad Street
 Durham, NC 27705
 919.619.2258



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SITE PLAN

DATE	7.16.24	SHEET
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DRAWN	BH	
PROJECT NUMBER		

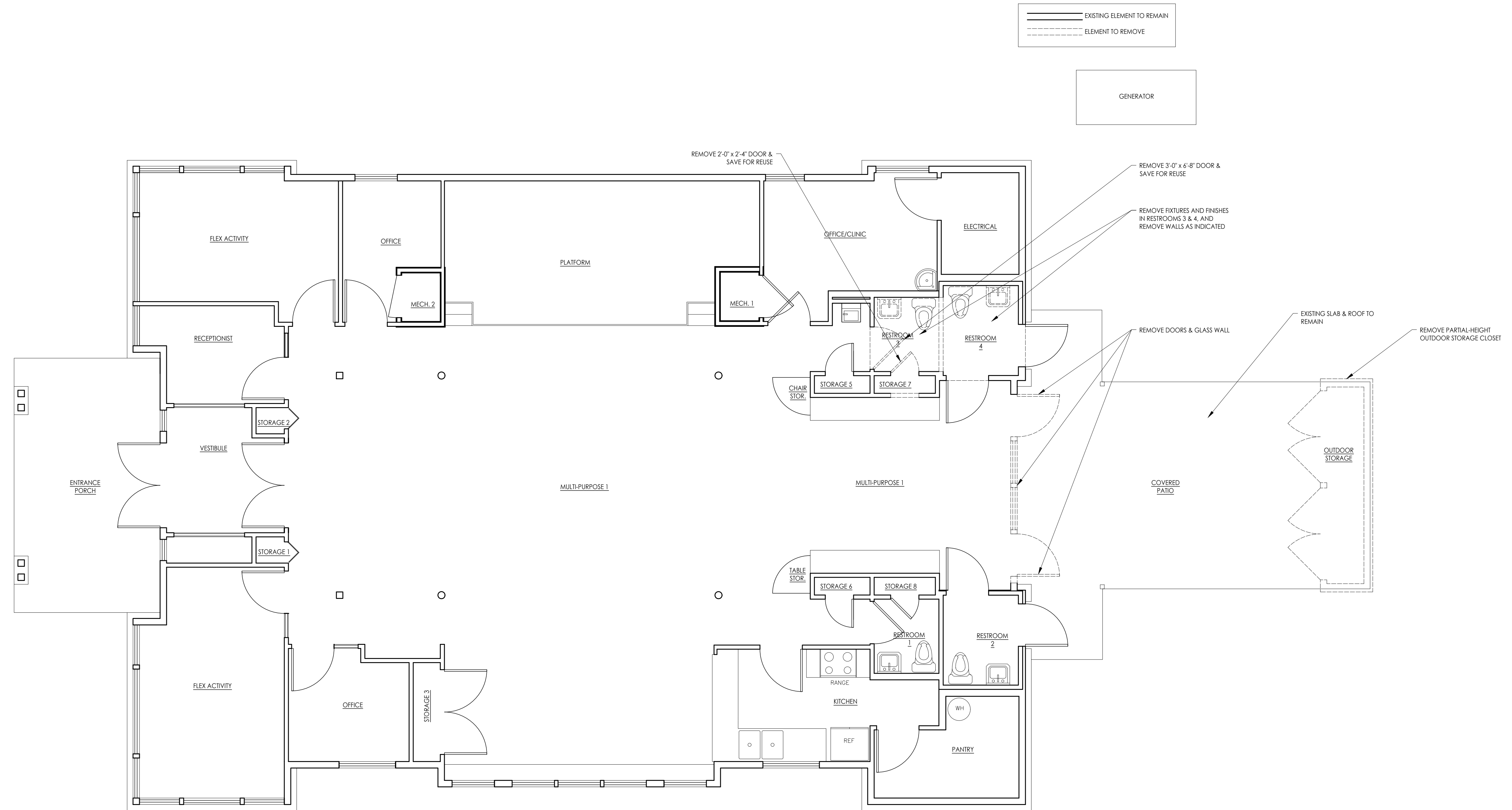
A2

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JPO032511.125WG



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1
A3
DEMOLITION PLAN
1/4" = 1'-0"

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Mebane, NC 27302

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NO.	DATE
NO.	DATE
NO.	DATE
NO.	DATE
NO.	DATE

**DEMOLITION
PLAN**

DATE	SHEET
7.16.24	
SCALE	AS NOTED
DRAWN	BH
PROJECT NUMBER	

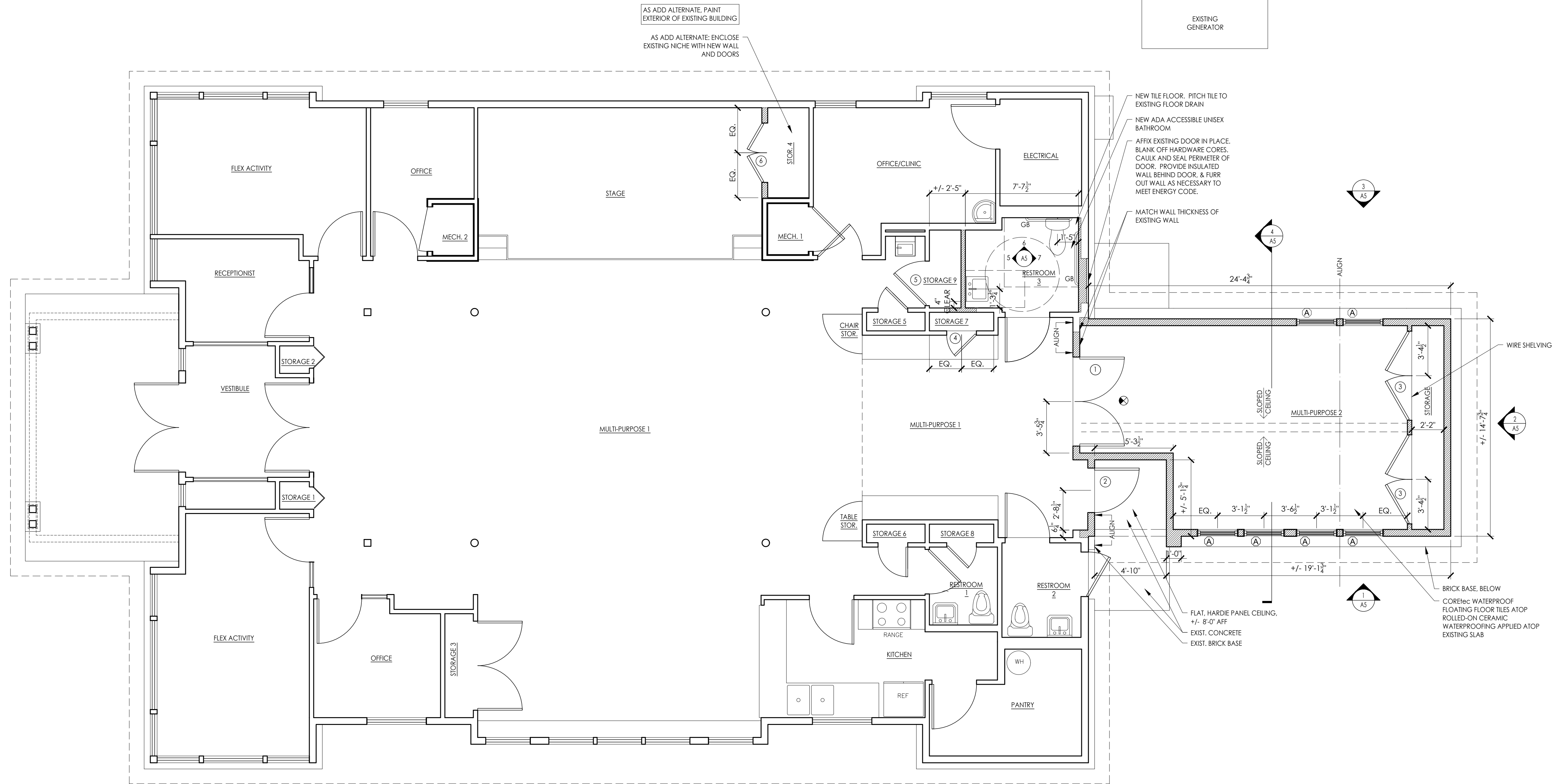
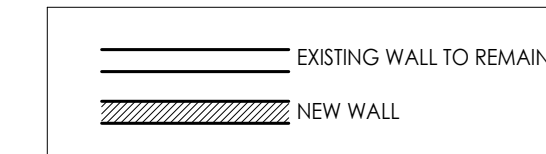
A3

PROJECT NUMBER

SHEET

DIMENSION & FRAMING NOTES

- DO NOT SCALE DRAWINGS. CONTACT ARCHITECT CONCERNING DISCREPANCIES IMMEDIATELY WHEN THEY OCCUR.
- ALL PLAN DIMENSIONS ARE GIVEN TO FACE OF FRAMING UNLESS NOTED OTHERWISE. DOORS AND WINDOWS ARE DIMENSIONED TO CENTER LINE, UNLESS NOTED OTHERWISE.
- EXTERIOR WALLS TO BE 2x6 FRAMING AND INTERIOR WALLS TO BE 2x4 FRAMING, UNLESS NOTED OTHERWISE.
- WOOD IN CONTACT WITH MASONRY, CONCRETE, AND STEEL SHALL BE PRESSURE-TREATED, GROUND CONTACT APPROVED.
- INSTALL FIRE BLOCKING AS REQUIRED BY CODE.
- INSTALL BLOCKING FOR CABINETS, MILLWORK, RAILINGS, SHELVING, AS REQUIRED.
- TAPE ALL SHEATHING SEAMS.



FLOOR PLAN
1
A4
1/4" = 1'-0"

Bret Horton Architect

1308 Broad Street
Durham, NC 27705
919.619.2258



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FLOOR PLAN

DATE 7.16.24 SHEET

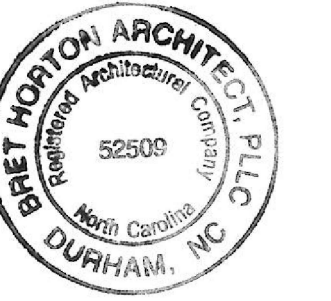
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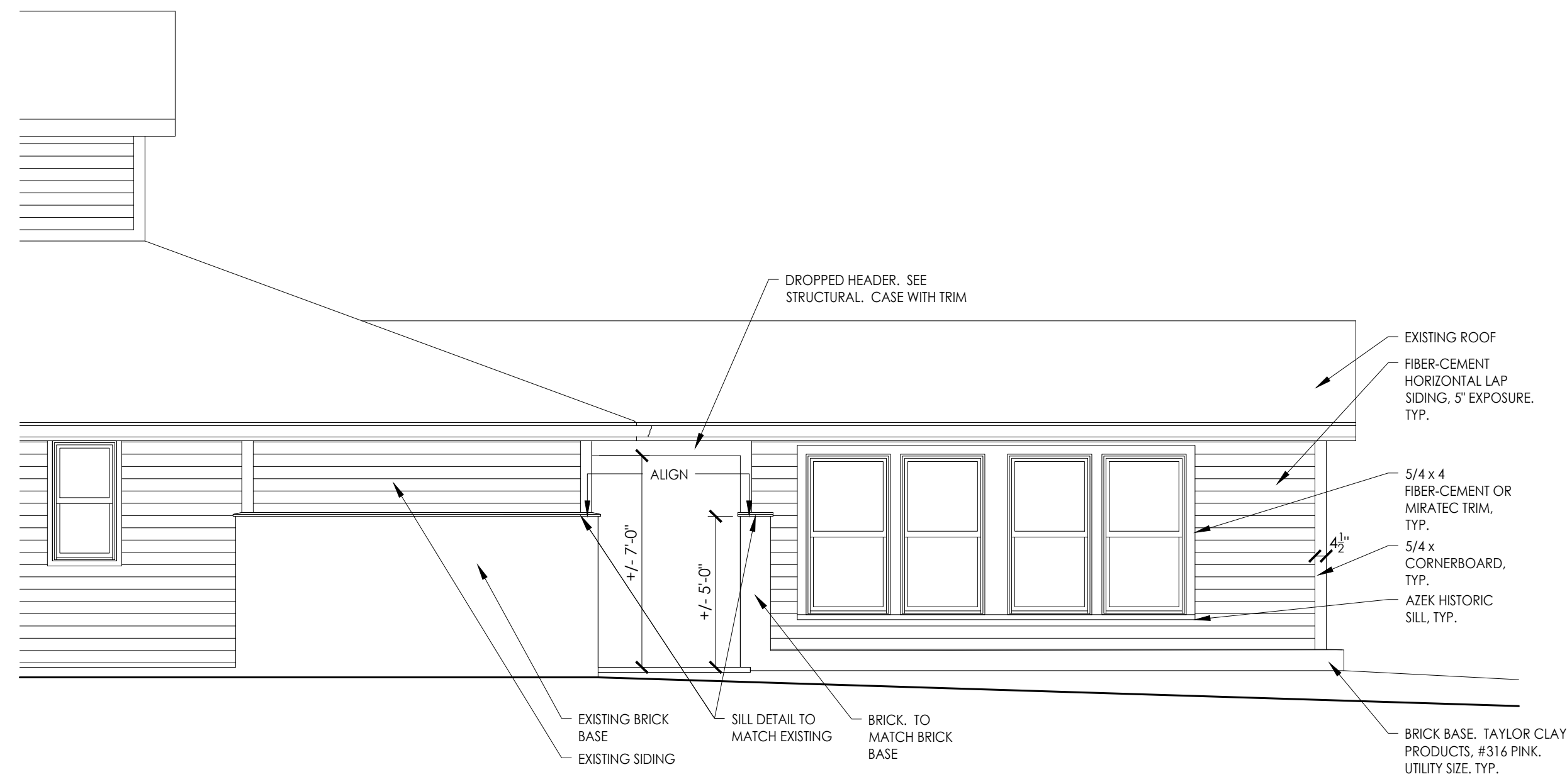
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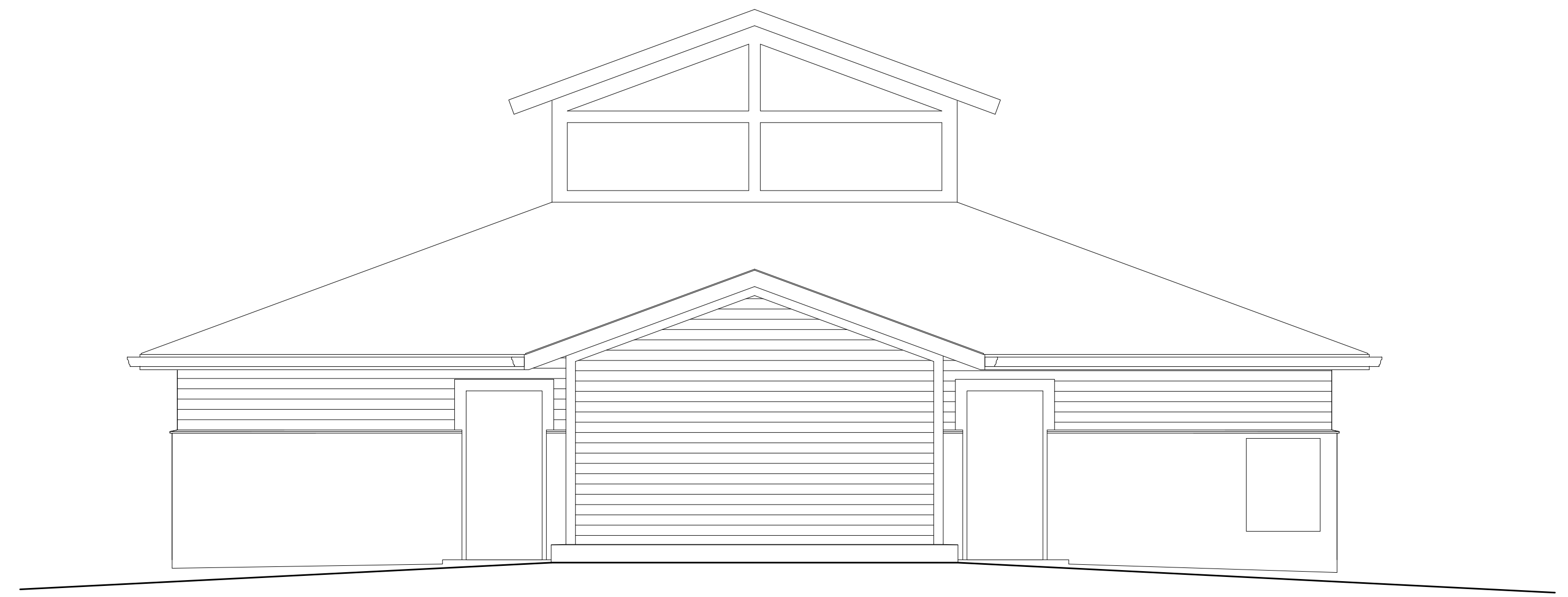
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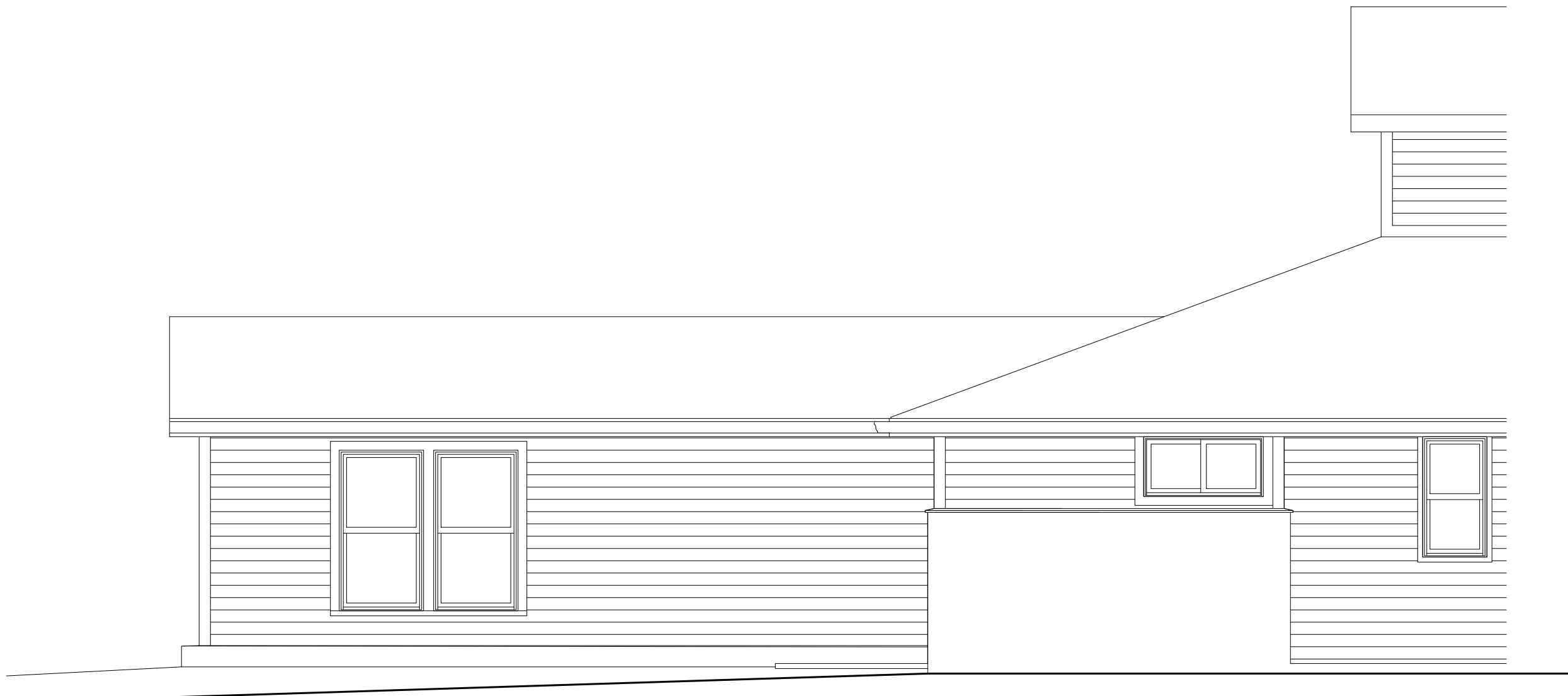
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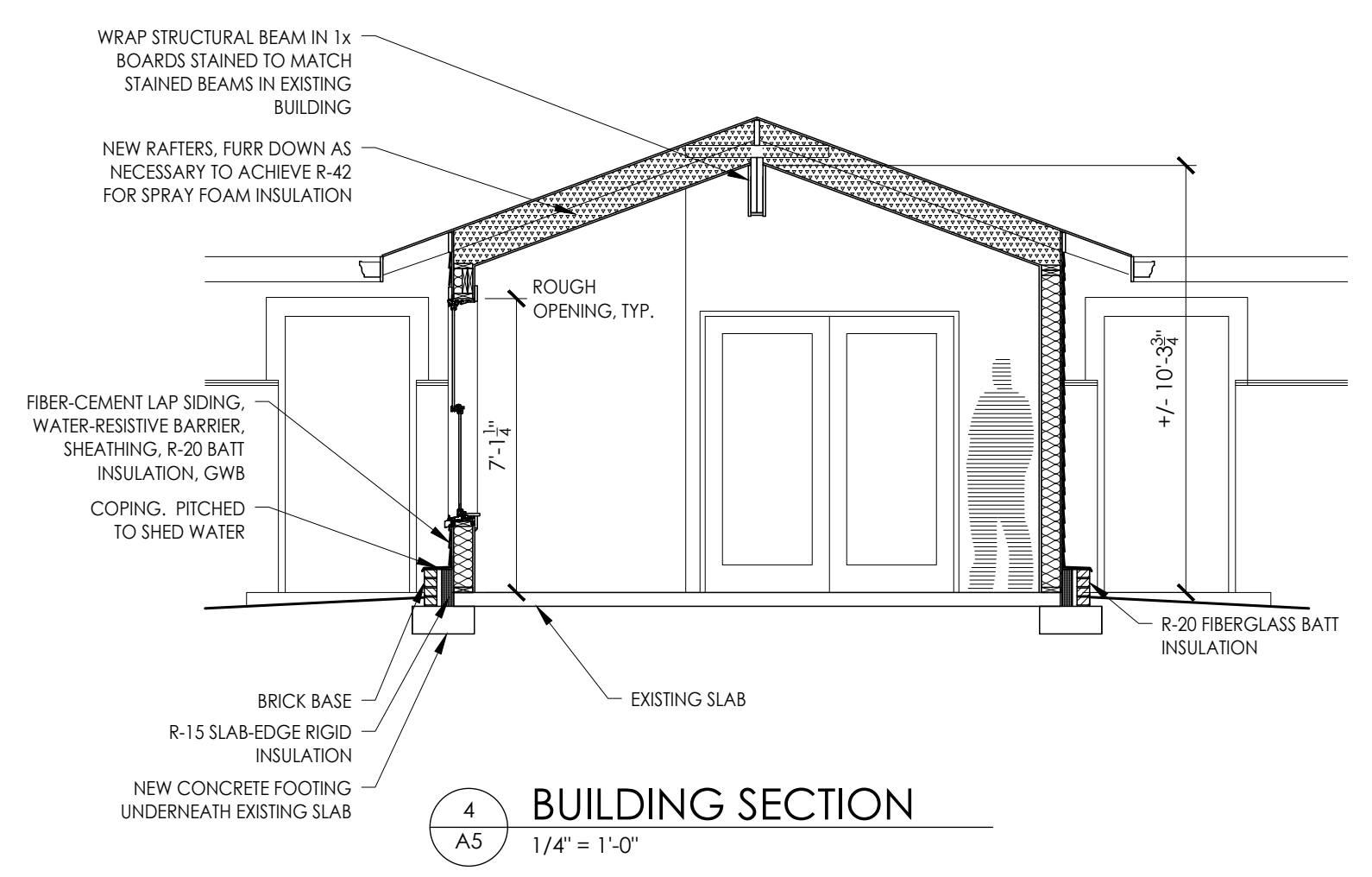
1 SOUTH ELEVATION
A5 1/4" = 1'-0"



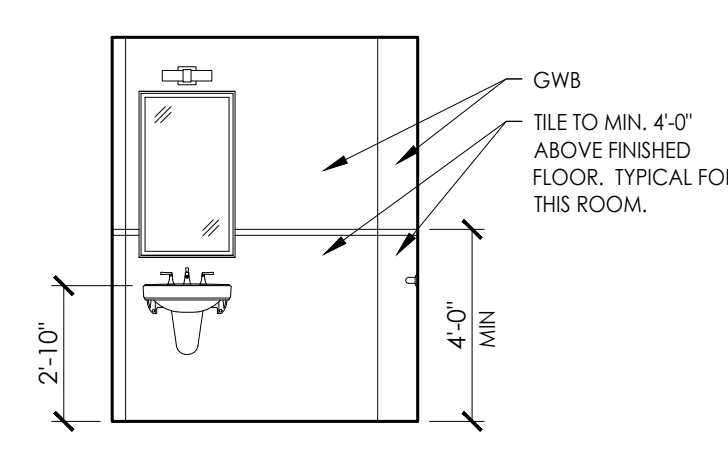
2 EAST ELEVATION
A5 1/4" = 1'-0"



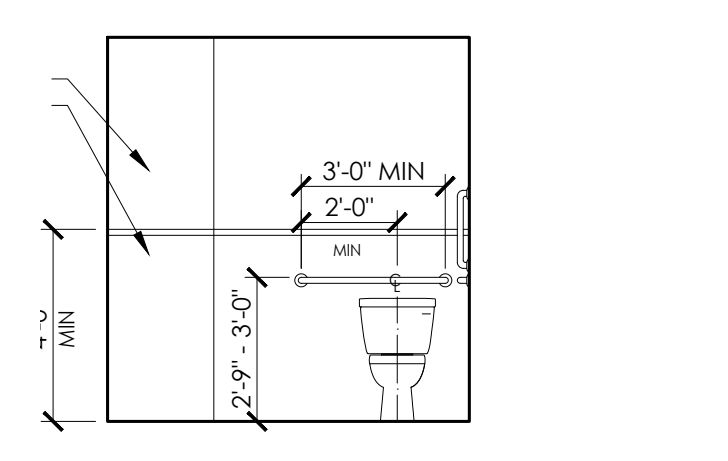
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A5 1/4" = 1'-0"



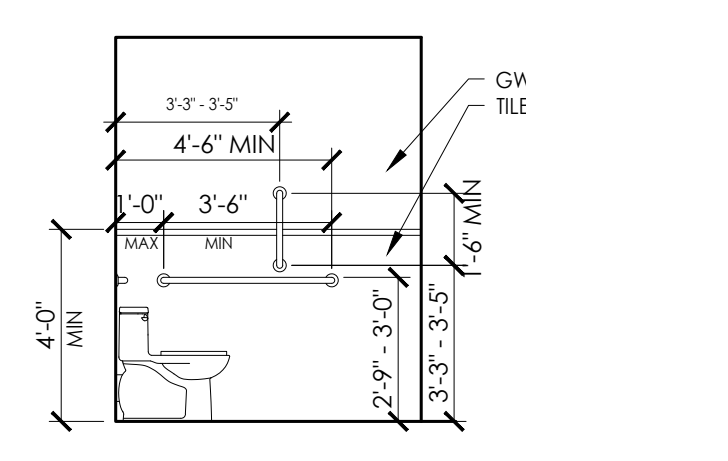
4 BUILDING SECTION
A5 1/4" = 1'-0"



4 INTERIOR ELEVATION
A5 1/4" = 1'-0"



4 INTERIOR ELEVATION
A5 1/4" = 1'-0"



4 INTERIOR ELEVATION
A5 1/4" = 1'-0"

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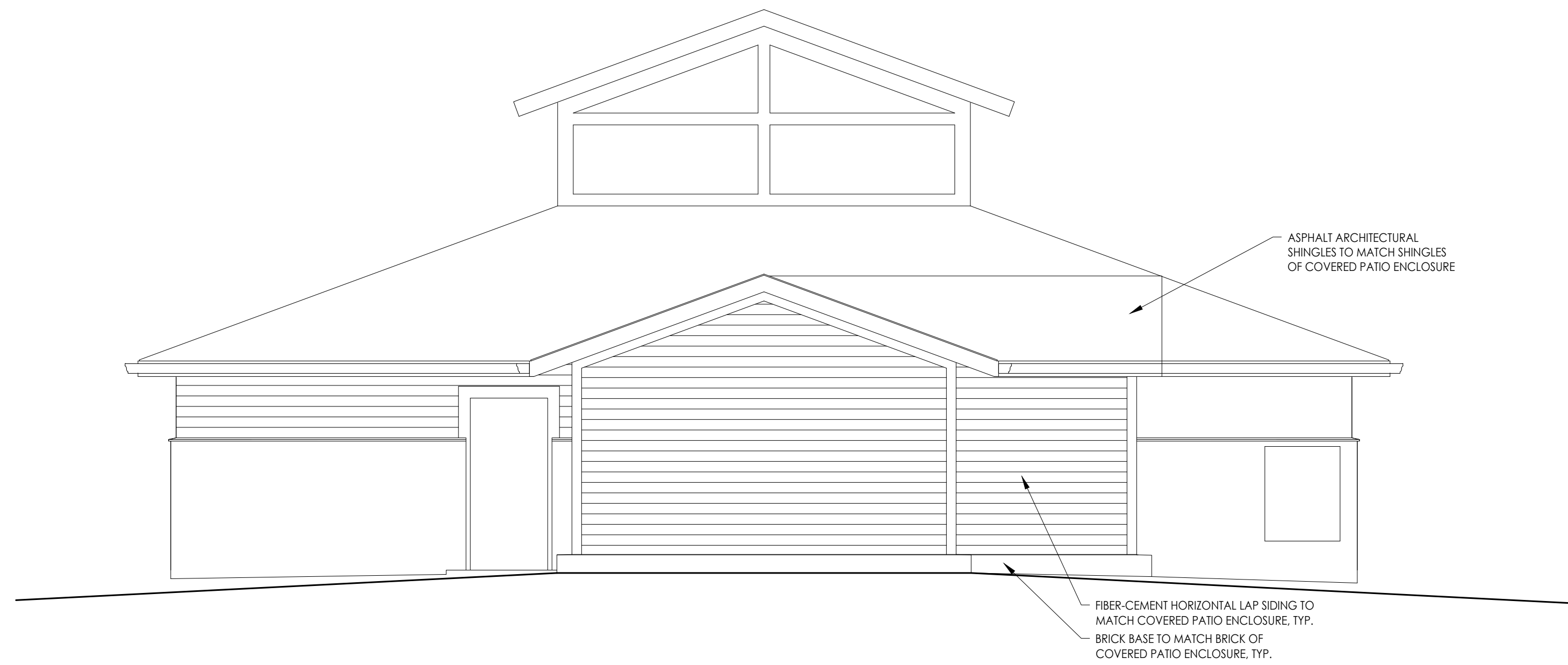
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EXTERIOR &
INTERIOR
ELEVATIONS

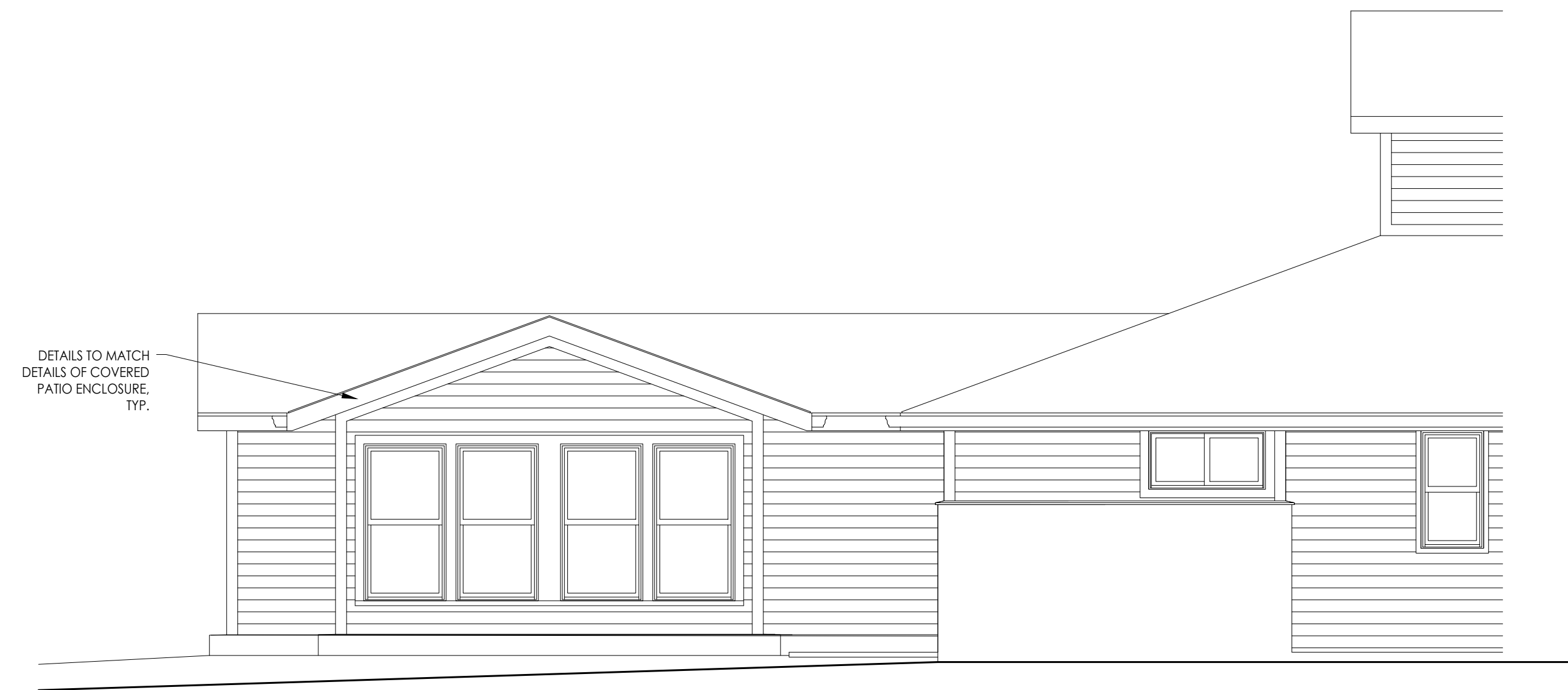
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PROJECT NUMBER



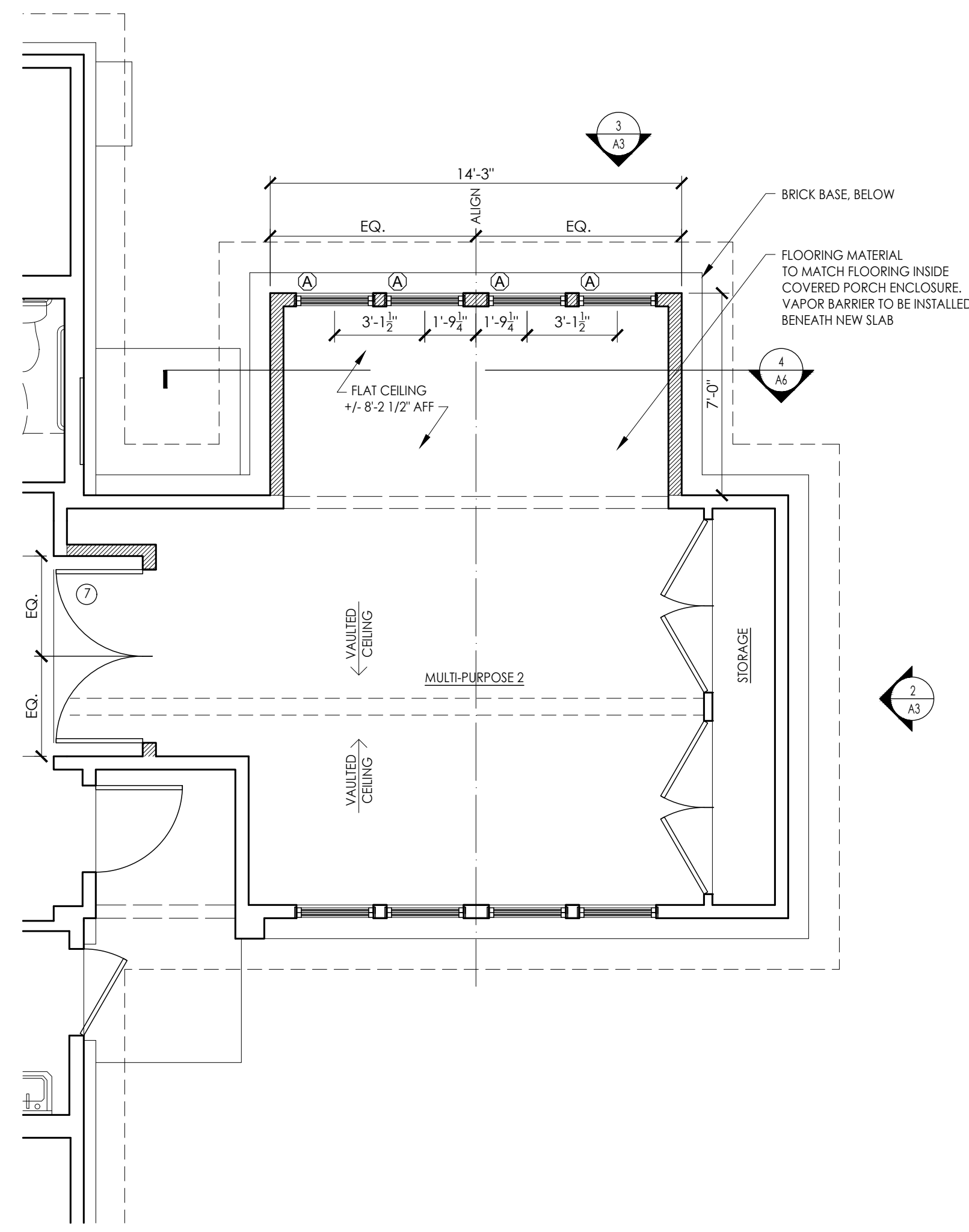
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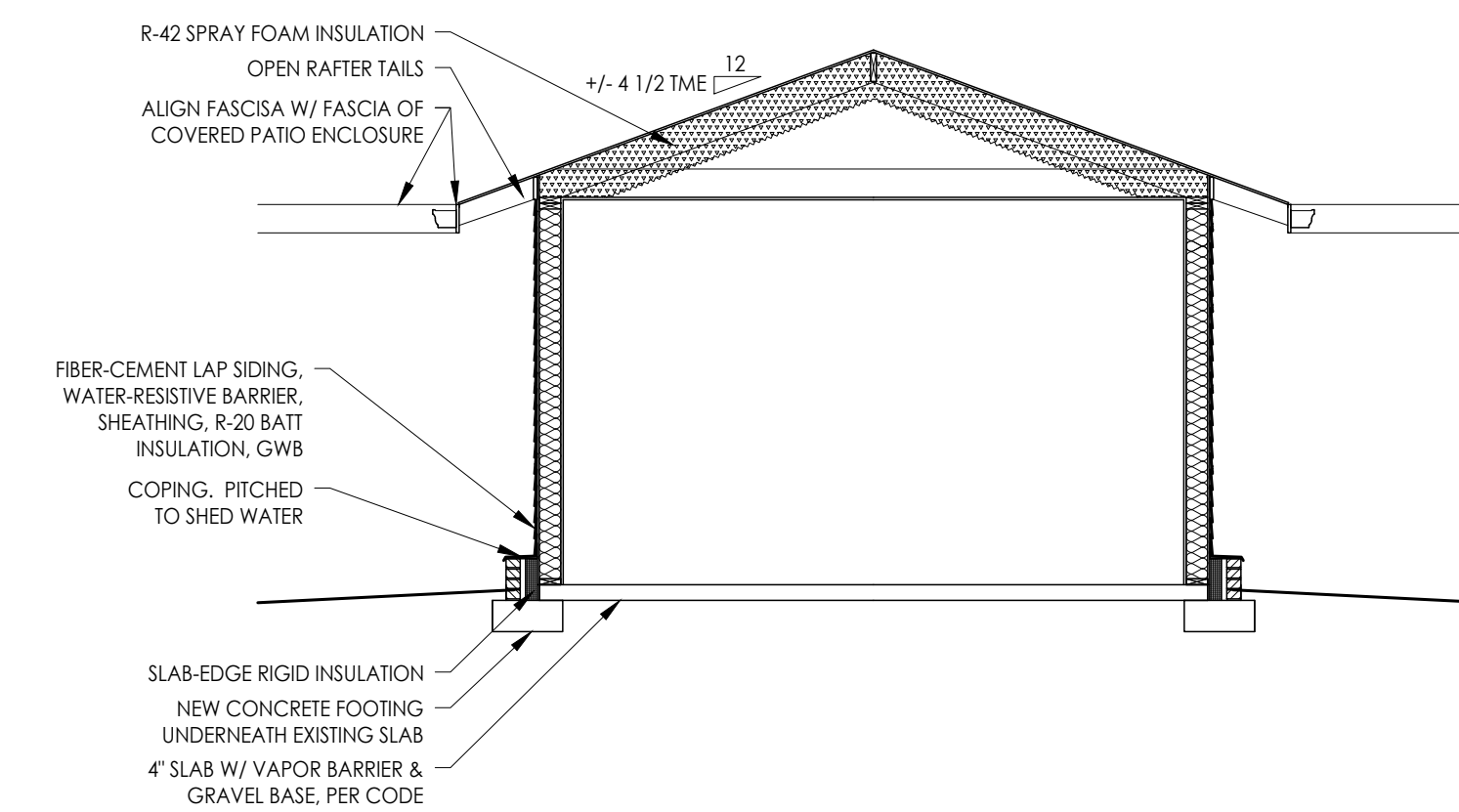
2 ADD-ALTERNATE EAST ELEVATION
A6 1/4" = 1'-0"



3 ADD-ALTERNATE NORTH ELEVATION
A6 1/4" = 1'-0"



1 ADD-ALTERNATE FLOOR PLAN
A6 1/4" = 1'-0"



4 ADD-ALTERNATE BUILDING SECTION
A6 1/4" = 1'-0"

DIMENSION & FRAMING NOTES

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ADD-ALTERATE
ADDITION

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A6

**2018 APPENDIX B
BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS
STRUCTURAL DESIGN**

(PROVIDE ON THE STRUCTURAL SHEETS IF APPLICABLE)

DESIGN LOADS:

Importance Factors:	Snow (Is)	1.0
	Seismic (Ie)	1.0
Live Loads:	Roof	20 psf
	Mezzanine	N/A psf
	Floor	100 psf
Ground Snow Load:		15 psf
Wind Load:	Ultimate Wind Speed	115 mph (ASCE-7)
	Exposure Category	B

SEISMIC DESIGN CATEGORY: A B C D

Provide the following Seismic Design Parameters:

Risk Category (Table 1604.5) I II III IV

Spectral Response Acceleration S_s 12.5 %g S_1 6.1 %g

Site Classification (ASCE 7) A B C D E F

Data Source: Field Test Presumptive Historical Data

Basic structural system Bearing Wall Dual w/Special Moment Frame

Building Frame Dual w/Intermediate R/C or Special Steel

Moment Frame Inverted Pendulum

Analysis Procedure: Simplified Equivalent Lateral Force Dynamic

Architectural, Mechanical, Components anchored? Yes No

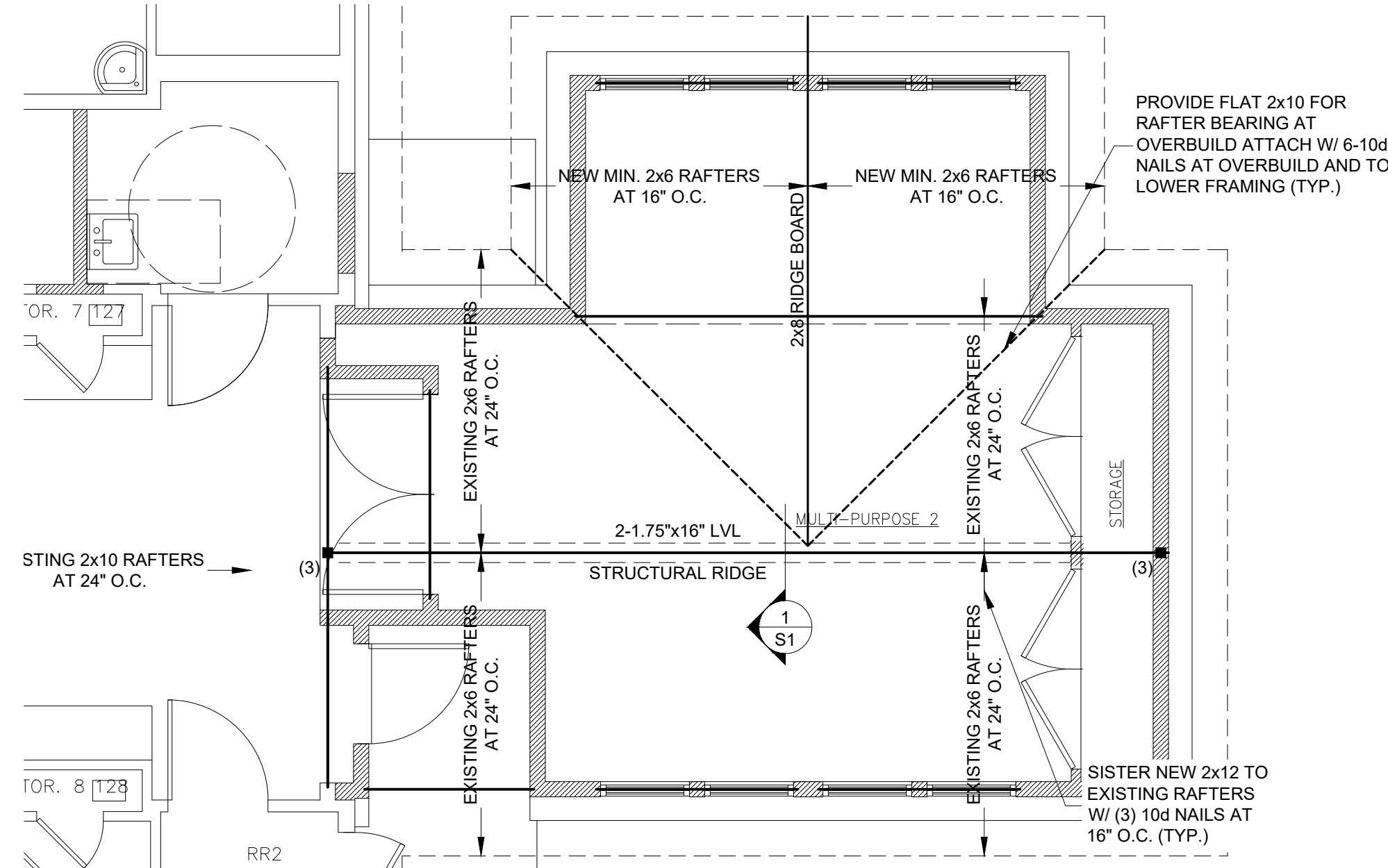
LATERAL DESIGN CONTROL: Earthquake Wind

SOIL BEARING CAPACITIES:

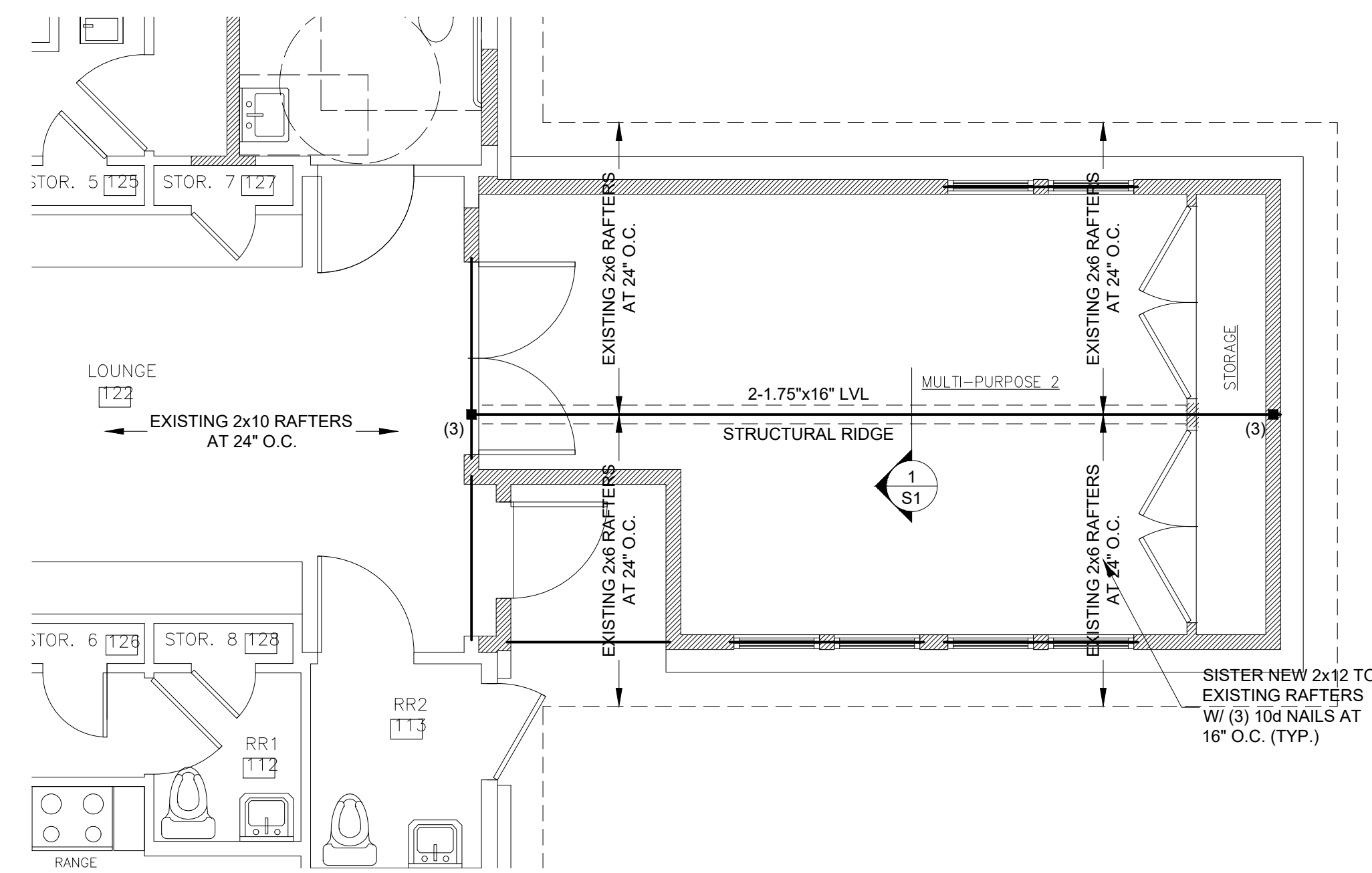
Field Test (provide copy of test report) N/A psf

Presumptive Bearing capacity 2,000 psf

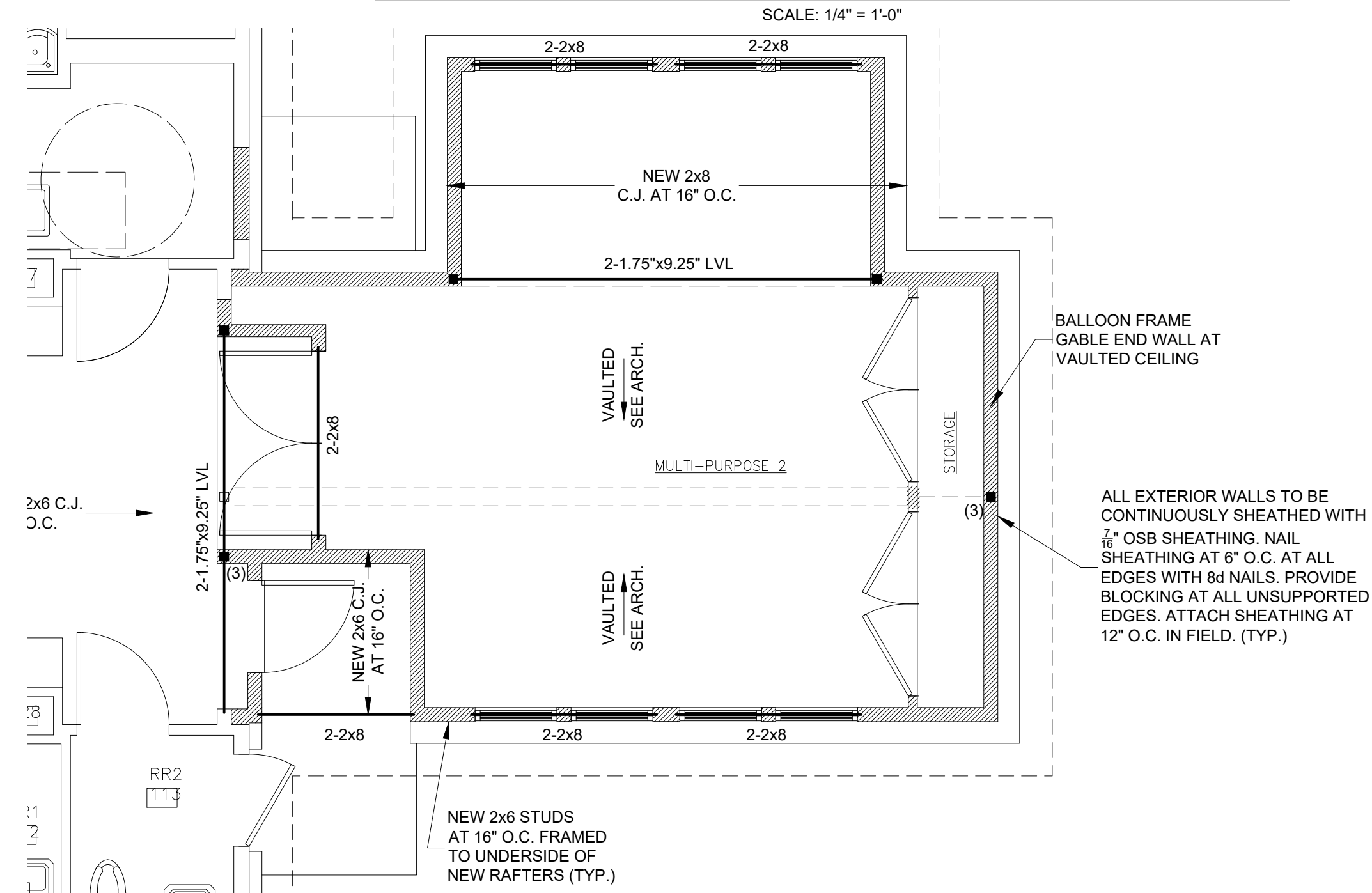
File size, type, and capacity N/A



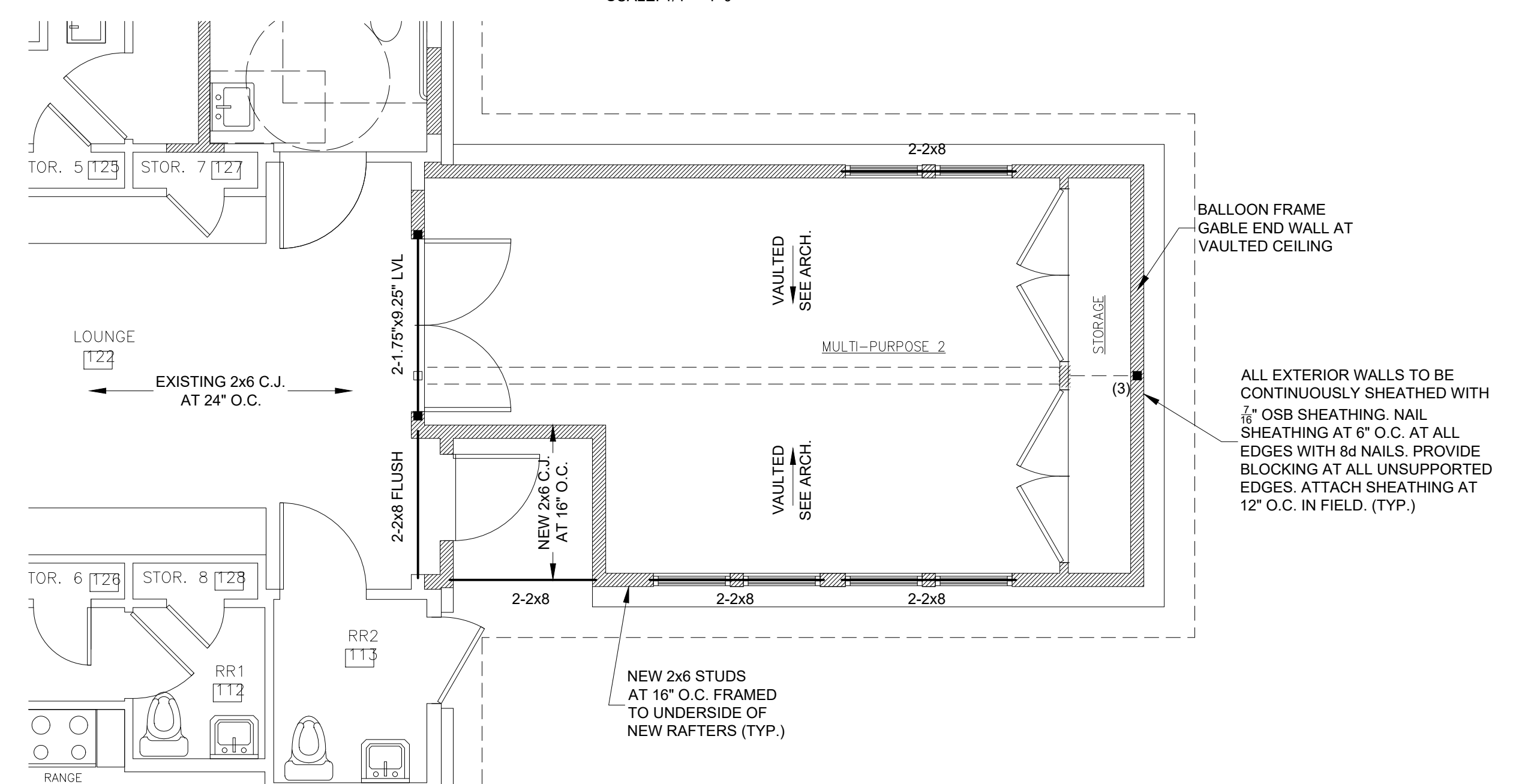
NEW ROOF FRAMING PLAN - ALTERNATIVE



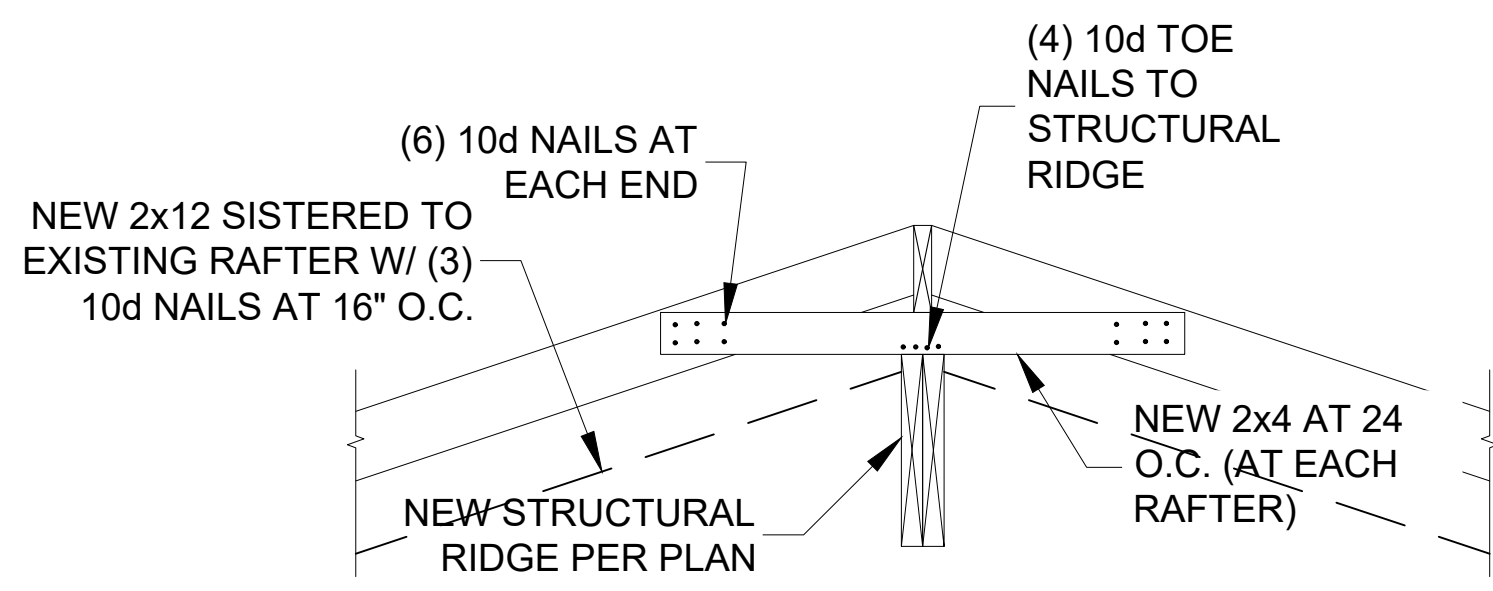
NEW ROOF FRAMING PLAN



NEW CEILING FRAMING PLAN - ALTERNATIVE

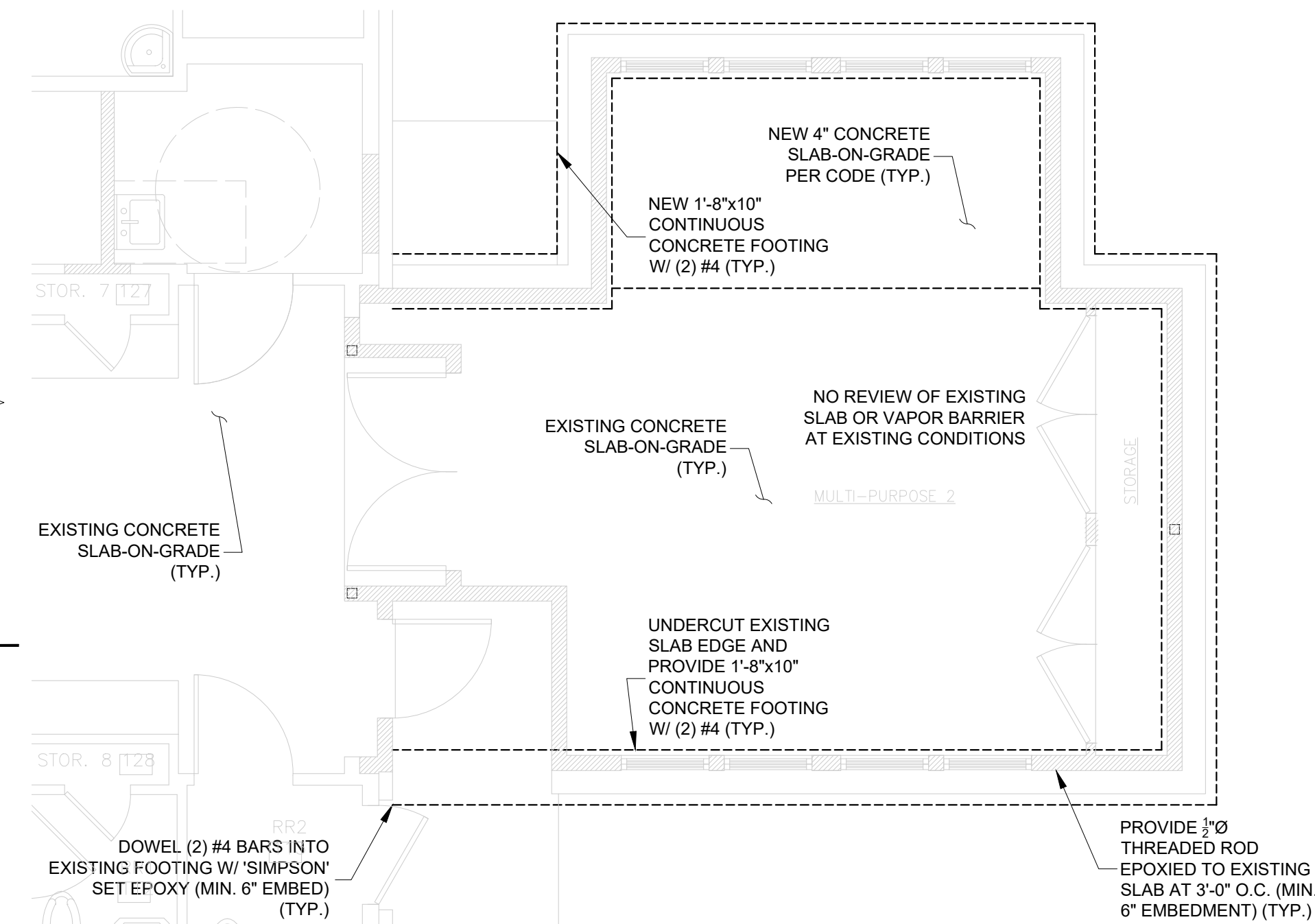


NEW CEILING FRAMING PLAN

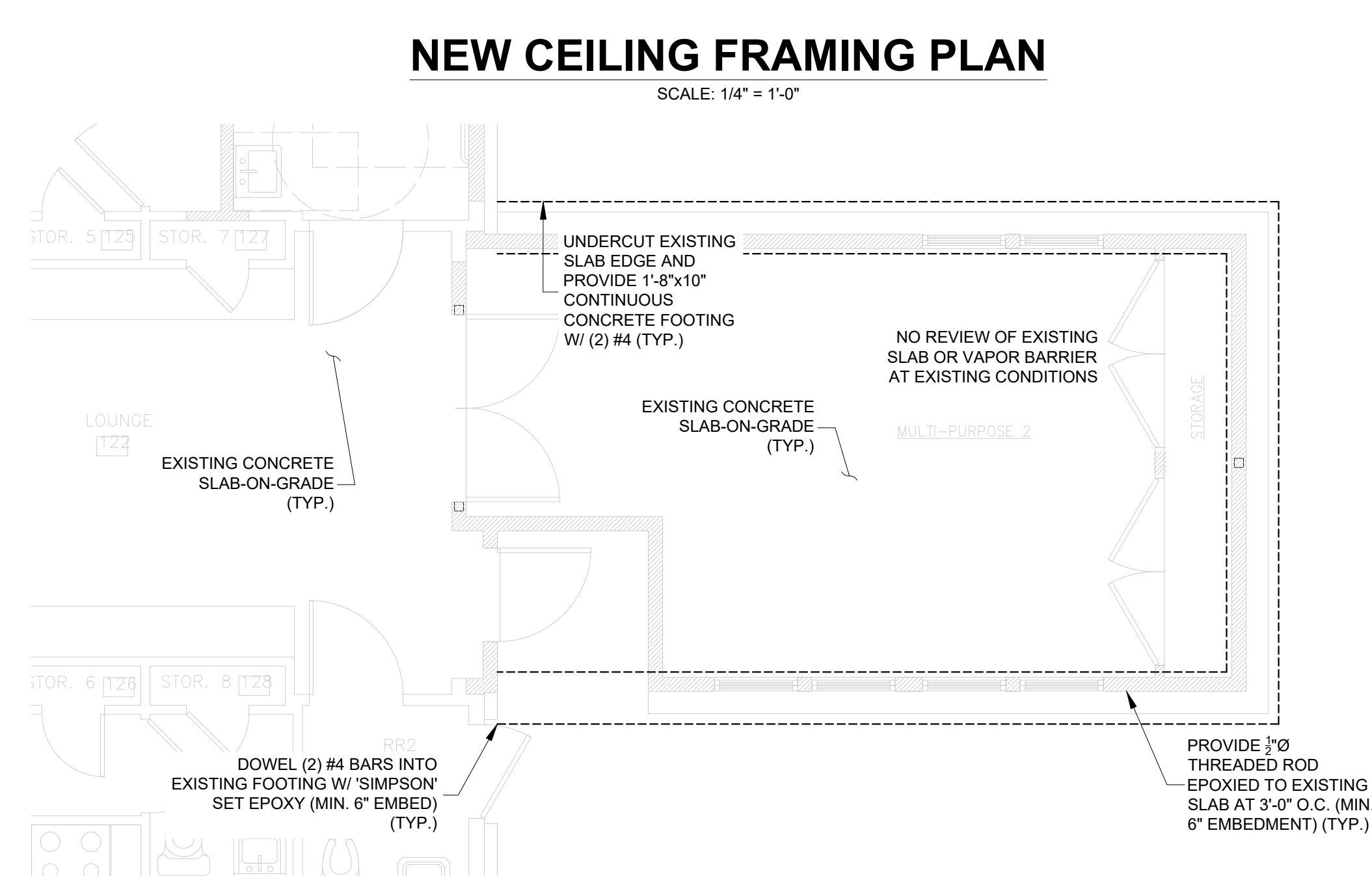


1 S1 STRUCTURAL RIDGE DETAIL

SCALE: N.T.S.



NEW FDN. PLAN - ALTERNATIVE



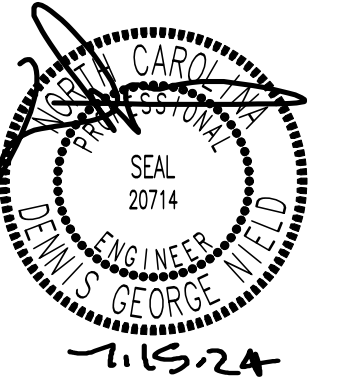
NEW FDN. PLAN

NOTES:
 (X) = NUMBER OF 2x4 JACK STUDS. IF NO NUMBER LISTED, USE TWO STUDS REFER TO THE 2018 NCBC FOR DETAILS AND CONSTRUCTION NOT SPECIFICALLY SHOWN CONTRACTOR RESPONSIBLE FOR MEANS & METHODS OF CONSTRUCTION AND JOBSITE SAFETY VERIFY ALL DIMENSIONS. DO NOT SCALE DRAWING.
 UNLESS PREVIOUSLY NEGOTIATED IN WRITING, THIS PROJECT DOES NOT INCLUDE JOBSITE OBSERVATION SERVICES.
 ENGINEER'S SEAL APPLIES TO NEW STRUCTURAL COMPONENTS ONLY.
 THE SCOPE OF THIS PROJECT IS CONTAINED IN THIS DRAWING AND WAS PERFORMED HOURLY U.N.O.
 EXCEL ENGINEERING'S PROFESSIONAL LIABILITY FOR THIS PROJECT IS LIMITED TO 10 TIMES FEES COLLECTED.
 FOUNDATION COMPONENTS NOT SPECIFIED ON THESE DRAWINGS ARE OUTSIDE THE SCOPE OF THE REVIEW.
 ALL POSTS SHALL BE ATTACHED WITH AN ADEQUATELY SIZED SIMPSON POST BASE/CAP OR EQUIVALENT.
 PRESUMPTIVE SOIL BEARING CAPACITY IS 2000 PSF
 PROVIDE SOLID BLOCKING BELOW ALL POSTS AND JACK STUDS.
 PROVIDE NEW DOUBLE FLOOR JOIST BELOW PARALLEL WALL FRAMING LOCATIONS.
 ALL FRAMING TO BE SPF#2 OR BETTER
 LVL MEMBERS MUST BE EQUAL TO Fv=285 PSI, Fb=2,900 PSI, E = 2,000,000 PSI.

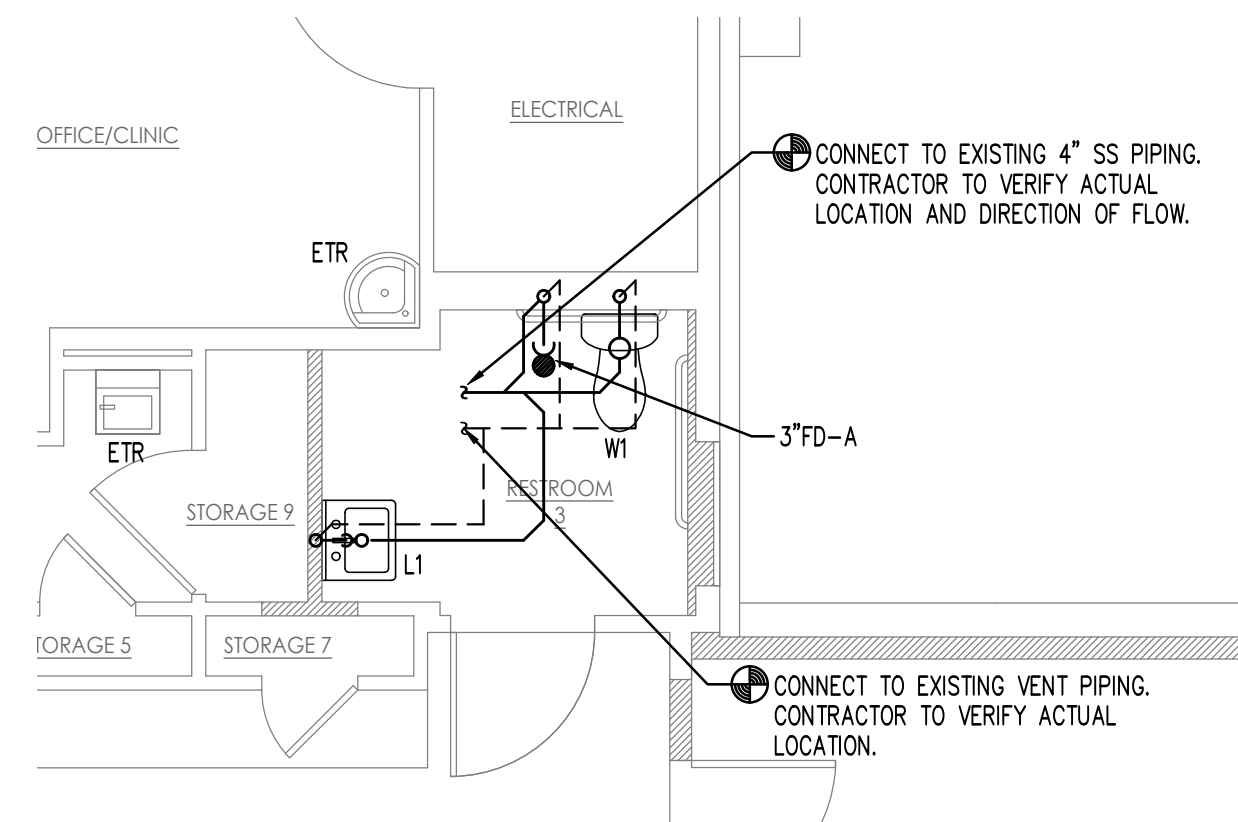
Excel Engineering PLLC
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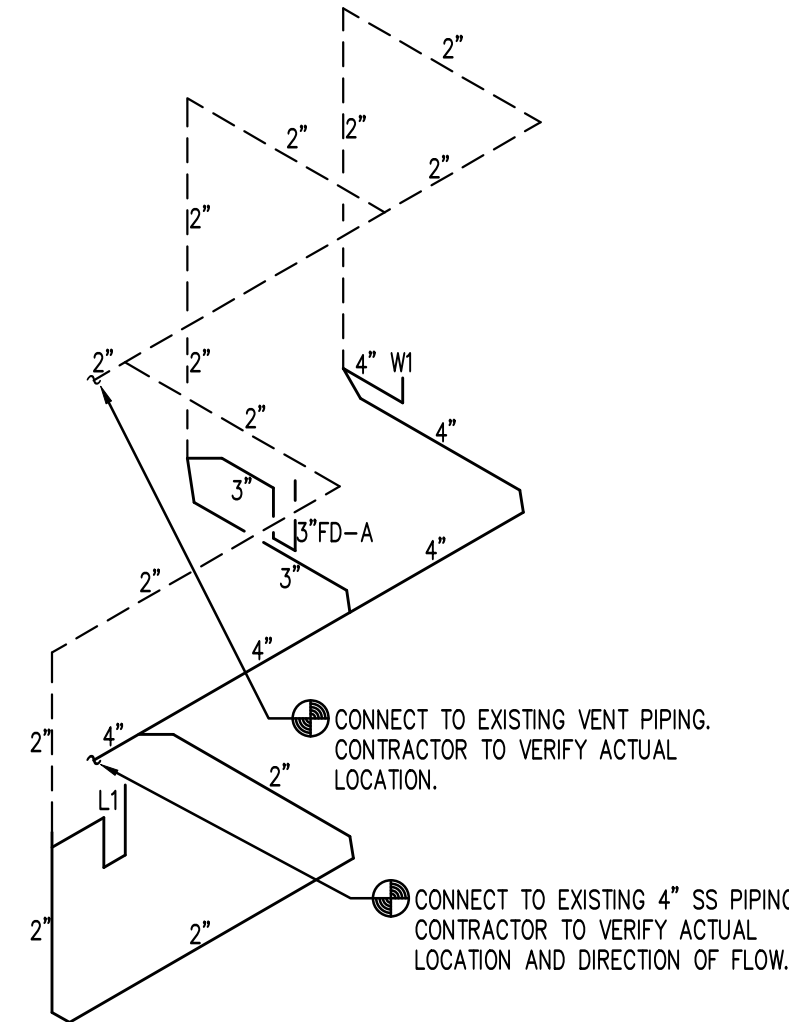
Revisions	
EFLAND CHEEKS COMMUNITY CENTER	
117 RICHMOND ROAD	
MEBANE, NC 27302	
Scale:	As Noted
Date:	07-15-2024
S1	OF 1



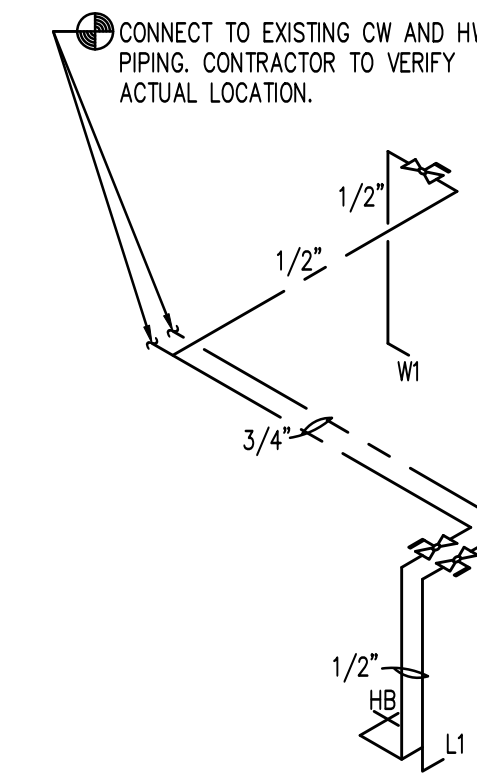
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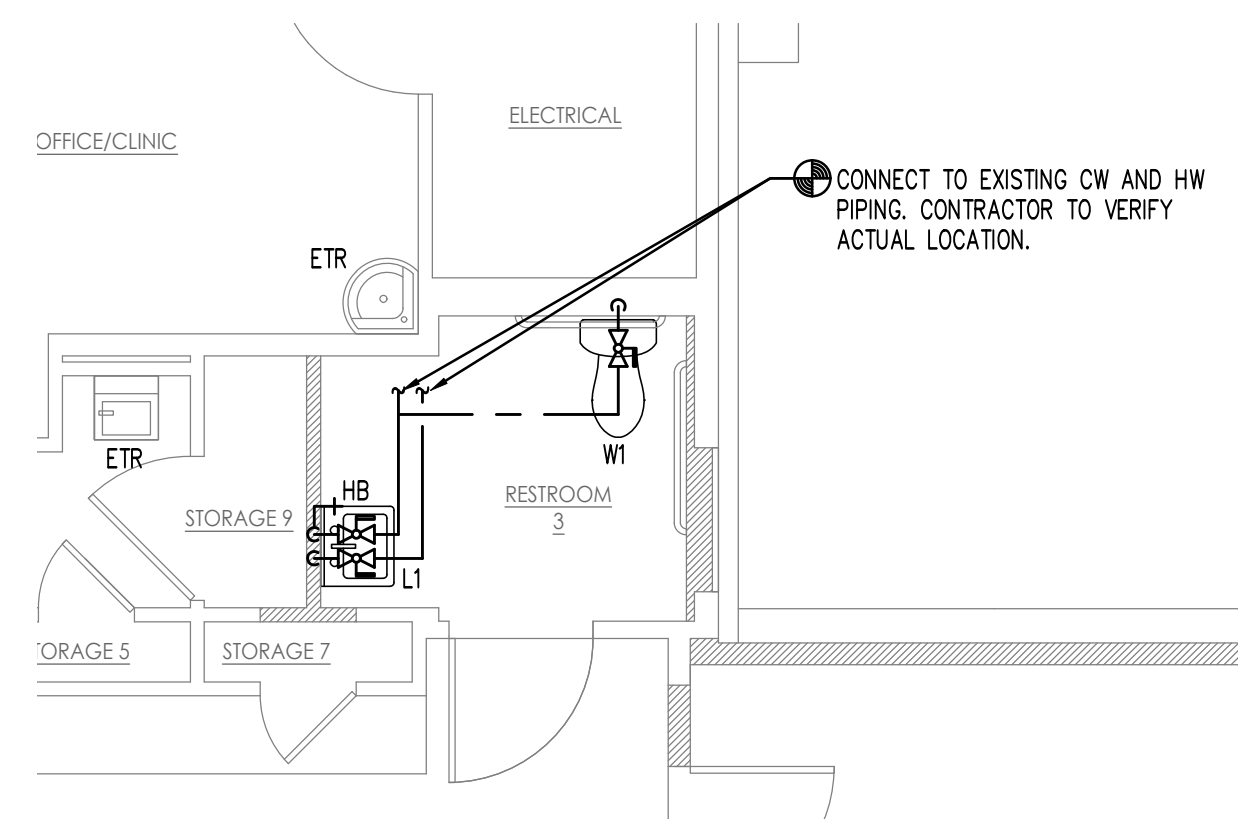
1 FLOOR PLAN - S,W, + V
P1 SCALE: 1/4" = 1' - 0"



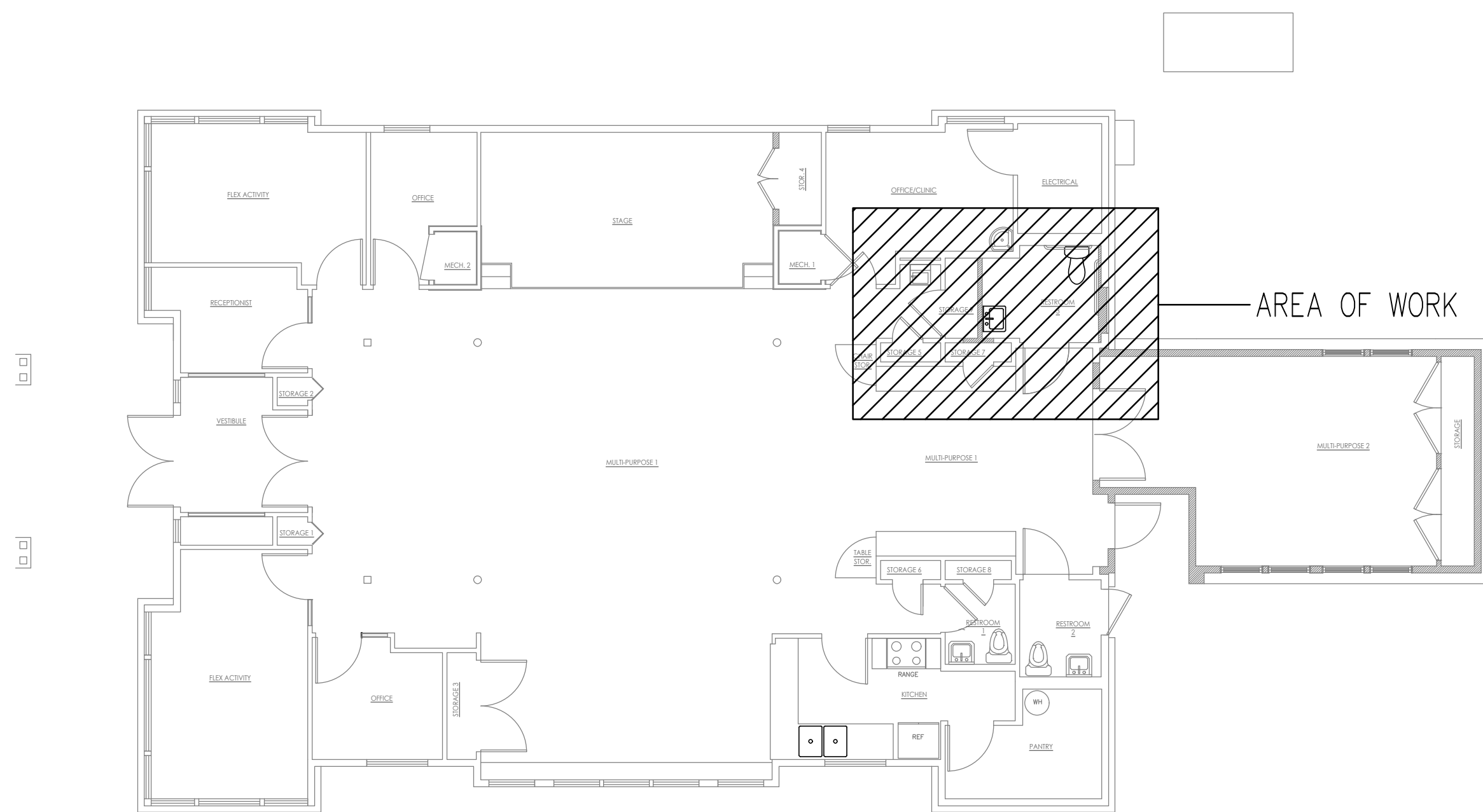
3 RISER - S,W, + V
P1 SCALE: NO SCALE



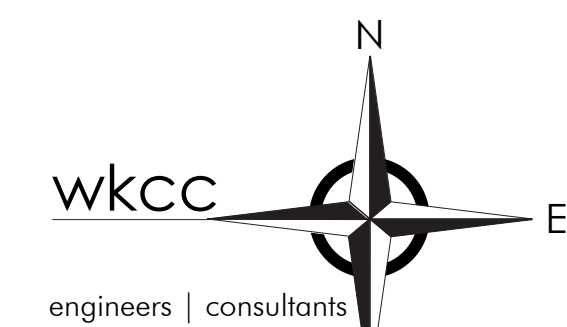
4 RISER - WATER
P1 SCALE: NO SCALE



2 FLOOR PLAN - WATER
P1 SCALE: 1/4" = 1' - 0"



5 KEY PLAN
P1 SCALE: NO SCALE



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Efland Cheeks
Community Center

Covered Patio
Enclosure Renovation

117 Richmond Road
Mebane, NC 27302

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REVISIONS

NO.	DATE

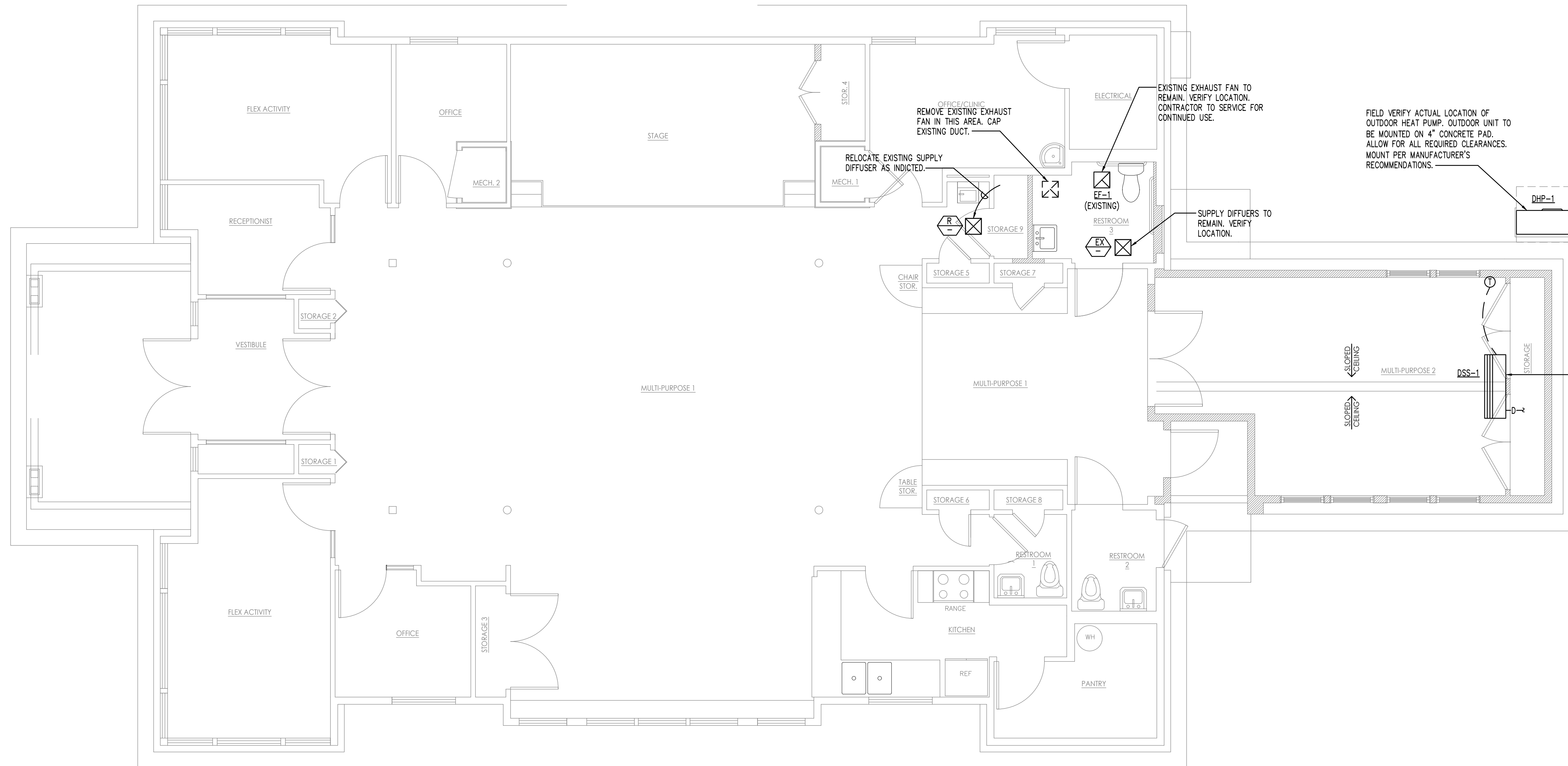
PLUMBING
FLOORPLANS
AND RISERS

DATE 07.15.24 SHEET

SCALE

DRAWN **P1**

PROJECT NUMBER



HVAC LEGEND

- CEILING LOUVERED SUPPLY DIFFUSER
- CEILING RETURN GRILLE
- CEILING EXHAUST GRILLE/FAN
- THERMOSTAT
- DIFFUSER MARK
- DIFFUSER CFM
- EXHAUST FAN MARK
- DUCTLESS SPLIT SYSTEM AIR HANDLING UNIT
- DUCTLESS SPLIT SYSTEM CONDENSING UNIT
- CONNECT TO EXISTING

1 FLOOR PLAN - HVAC
 MI SCALE: 1/4" = 1' - 0"

DUCTLESS MINI-SPLIT SYSTEM HEAT PUMP UNIT SCHEDULE																								
INDOOR UNIT										OUTDOOR UNIT														
MARK	SERVICE	SIZE	MITSUBISHI MODEL NO.	TYPE	OFM	ESP	FAN HP	EAT DB/WB	LAT DB/WB	OUTSIDE DESIGN SUMMER/WINTER	VOLT/PH	MCA	MOCOP	REMARKS	MARK	MITSUBISHI MODEL NO.	TOTAL COOLING	SENSIBLE COOLING	ARI HEATING	SEER	MCA	MOCOP	VOLT/PH	REMARKS
DSS-1	MULTI-PURPOSE	2 TONS	PKA-A24KA7	HEAT PUMP	775	-	-	80.0F/67.0F	52.0F/51.0F	92.0F/16.0F	-	1.0	-	(1)	DHP-1	PUZ-HA24NH1	24.0 MBH	- MBH	28.0 MBH	19.0	18.0	25	208/1	(1)

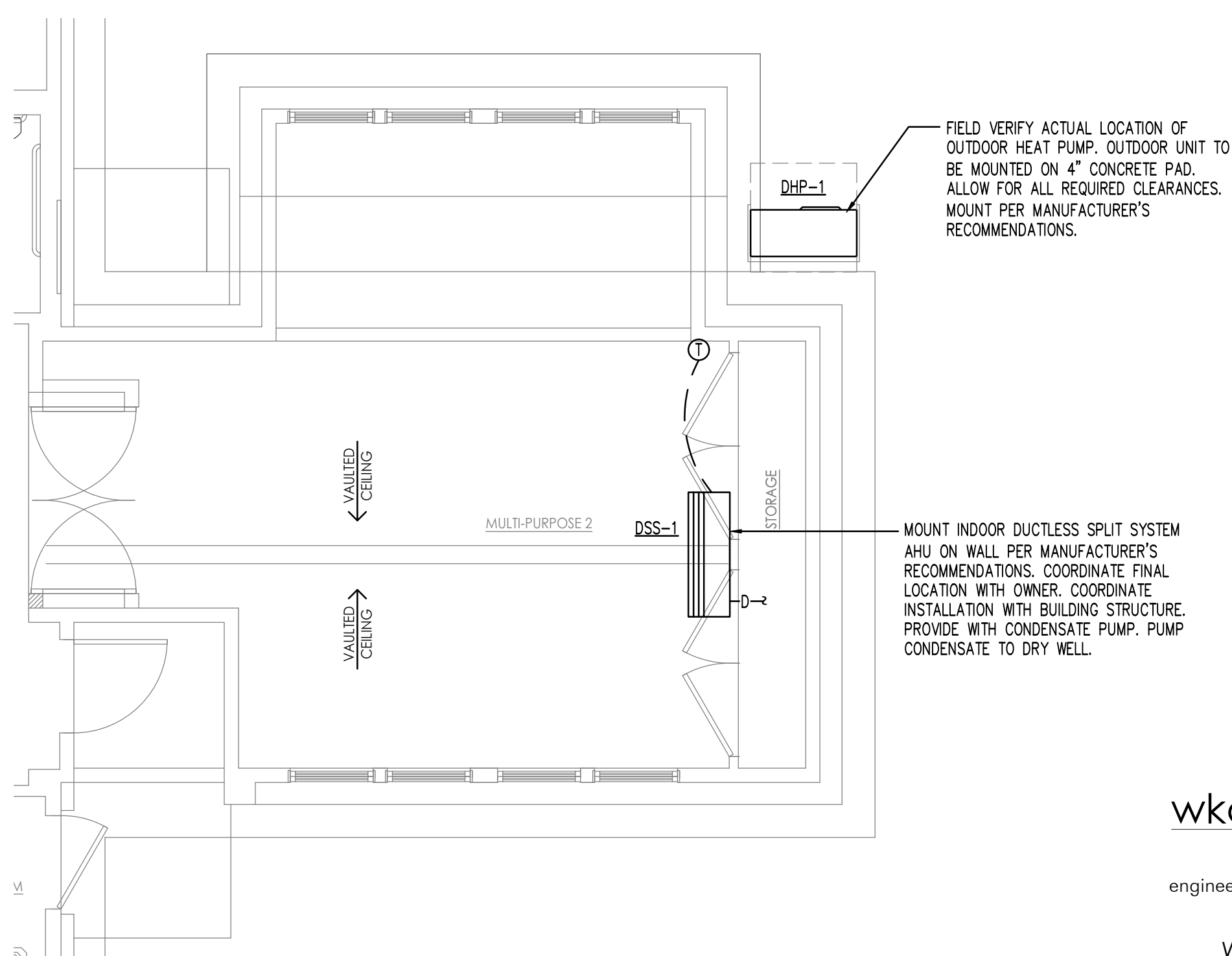
(1) PROVIDE UNIT WITH DISCONNECT SWITCH, SWEAT ADAPTER SET, CONDENSATE PUMP. PROVIDE WITH MICROPROCESSOR CONTROL WITH AUDIBLE AND VISUAL ALARMS. PUMP CONDENSATE TO DRY WELL. CONFIRM REFRIGERANT LENGTH PRIOR TO BEGINNING WORK.

(1) PROVIDE FILTER DRIER, HIGH AND LOW PRESSURE SWITCHES, THERMOSTATIC EXPANSION VALVE, SCROLL COMPRESSOR, WIND BAFFLE, AND ALL ACCESSORIES REQUIRED FOR LOW AMBIENT OPERATION TO 0F. ELECTRICAL SHOWN FOR SINGLE POINT CONNECTION.

AIR DISTRIBUTION SCHEDULE					
MARK	NAILOR MODEL	PANEL SIZE	TYPE	NECK SIZE	REMARKS
(2)	EXISTING TO REMAIN	-	VARIES	-	VERIFY CEILING TYPES, COLOR BY ARCHITECT
(3)	EXISTING TO BE RELOCATED TO SPECIFIED LOCATION	-	VARIES	-	VERIFY CEILING TYPES, COLOR BY ARCHITECT

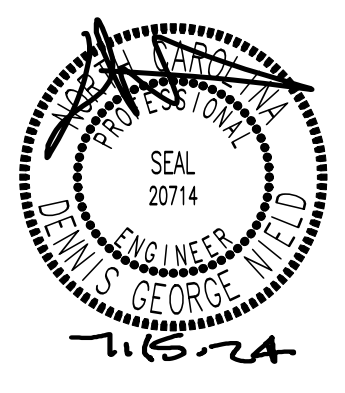
GENERAL NOTES:

- ANY NEW OR EXISTING DUCT (INCLUDING SUPPLY AND RETURN DUCTS) PENETRATING A FIRE RATED WALL SHALL BE EQUIPPED WITH A FIRE RATED DAMPER. MECHANICAL CONTRACTOR TO VERIFY THAT THE EXISTING SUPPLY AND RETURN DUCT IS OPEN BACK TO THE RETURN AIR OPENING ON THE AIR HANDLING UNIT. CONTRACTOR SHALL INCLUDE ALL FIRE DAMPERS (IF APPLICABLE) REQUIRED IN BASE PRICE.
- ALL EXISTING MAIN SUPPLY DUCTS ARE TO BE REUSED.
- NOTE NOT USED.
- EXISTING AIR HANDLING UNITS ARE TO BE REUSED. REBALANCE AIR DISTRIBUTION SYSTEM AS SHOWN.
- REBALANCE OUTSIDE AIR ON EACH OF THE AIR HANDLING UNITS WHICH SERVE THIS AREA. PROVIDE OUTSIDE AIR KITS FOR EXISTING UNIT AS REQUIRED.
- PRIOR TO BIDDING, MECHANICAL CONTRACTOR IS TO VISIT SITE TO FAMILIARIZE HIMSELF WITH EXISTING CONDITIONS.
- SUPPLY AIR DIFFUSERS ARE TO BE ADJUSTED SUCH THAT THE DIFFUSER WILL NOT BLOW AIR DIRECTLY ON THE ROOM OCCUPANTS. DIFFUSERS IN EXTERIOR ROOMS ARE TO DIRECT SUPPLY AIR TOWARDS THE WINDOWS AND THE CENTER OF THE ROOMS AWAY FROM THE OCCUPANT.
- ALL ZONES AFFECTED BY CONSTRUCTION SHALL BE REBALANCED IN THEIR ENTIRETY.
- CONTRACTOR TO CAP ALL UNUSED EXISTING DUCT TAKE-OFFS AND SEAL AIRTIGHT.
- MECHANICAL CONTRACTOR SHALL VERIFY THAT ALL EXISTING DUCTWORK IS INSULATED IN COMPLIANCE WITH N.C. ENERGY CODE.



2 FLOOR PLAN - HVAC (ALTERNATE)
 MI SCALE: 1/4" = 1' - 0"

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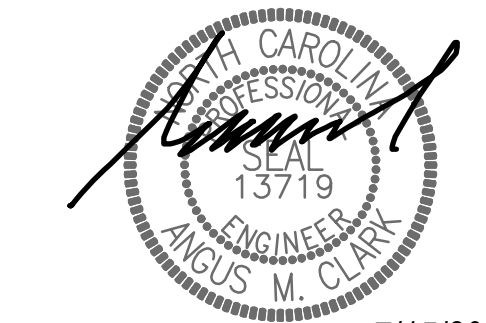
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REVISIONS	NO.	DATE
	NO.	DATE
	NO.	DATE
	NO.	DATE
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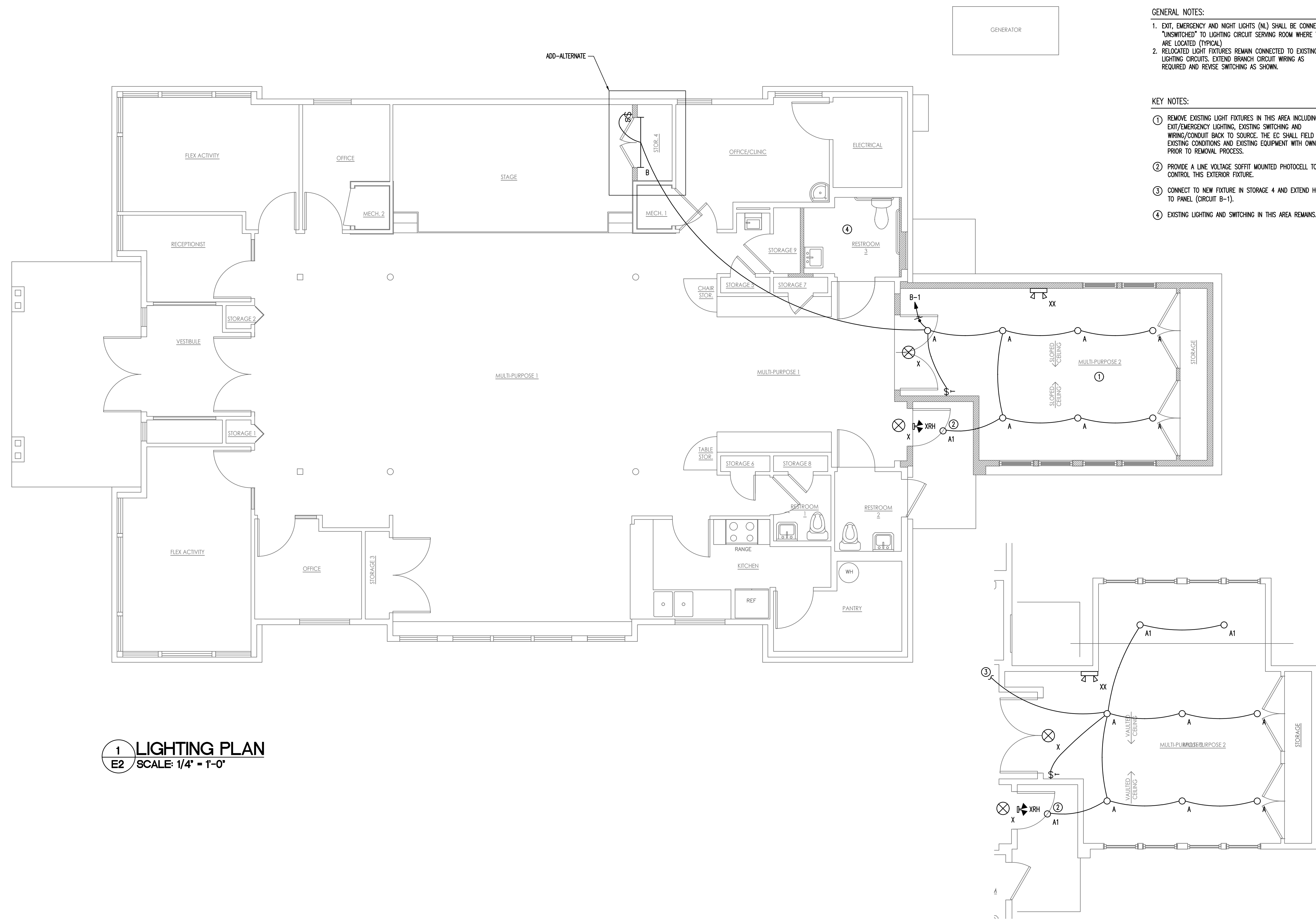
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GENERAL NOTES:

- EXIT, EMERGENCY AND NIGHT LIGHTS (NL) SHALL BE CONNECTED "UNSWITCHED" TO LIGHTING CIRCUIT SERVING ROOM WHERE THEY ARE LOCATED (TYPICAL)
- RELOCATED LIGHT FIXTURES REMAIN CONNECTED TO EXISTING LIGHTING CIRCUITS. EXTEND BRANCH CIRCUIT WIRING AS REQUIRED AND REVISE SWITCHING AS SHOWN.

KEY NOTES:

- REMOVE EXISTING LIGHT FIXTURES IN THIS AREA INCLUDING EXIT/EMERGENCY LIGHTING, EXISTING SWITCHING AND WIRING/CONDUIT BACK TO SOURCE. THE EC SHALL FIELD VERIFY EXISTING CONDITIONS AND EXISTING EQUIPMENT WITH OWNER PRIOR TO REMOVAL PROCESS.
- PROVIDE A LINE VOLTAGE SOFFIT MOUNTED PHOTOCELL TO CONTROL THIS EXTERIOR FIXTURE.
- CONNECT TO NEW FIXTURE IN STORAGE 4 AND EXTEND HOMERUN TO PANEL (CIRCUIT B-1).
- EXISTING LIGHTING AND SWITCHING IN THIS AREA REMAINS.



1 LIGHTING PLAN
E2 SCALE: 1/4" = 1'-0"

2 ADD-ALTERNATE LIGHTING PLAN
E2 SCALE: 1/4" = 1'-0"

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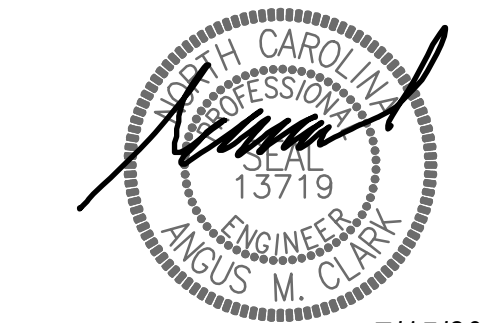
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	NO.	DATE
	NO.	DATE
	NO.	DATE
	NO.	DATE

**ANGUS CLARK
ENGINEERING PC**
P.O. Box 1507
CARY NORTH CAROLINA 27512
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DATE	07.15.24	SHEET
SCALE	AS NOTED	E2
DRAWN	CG	
PROJECT NUMBER		



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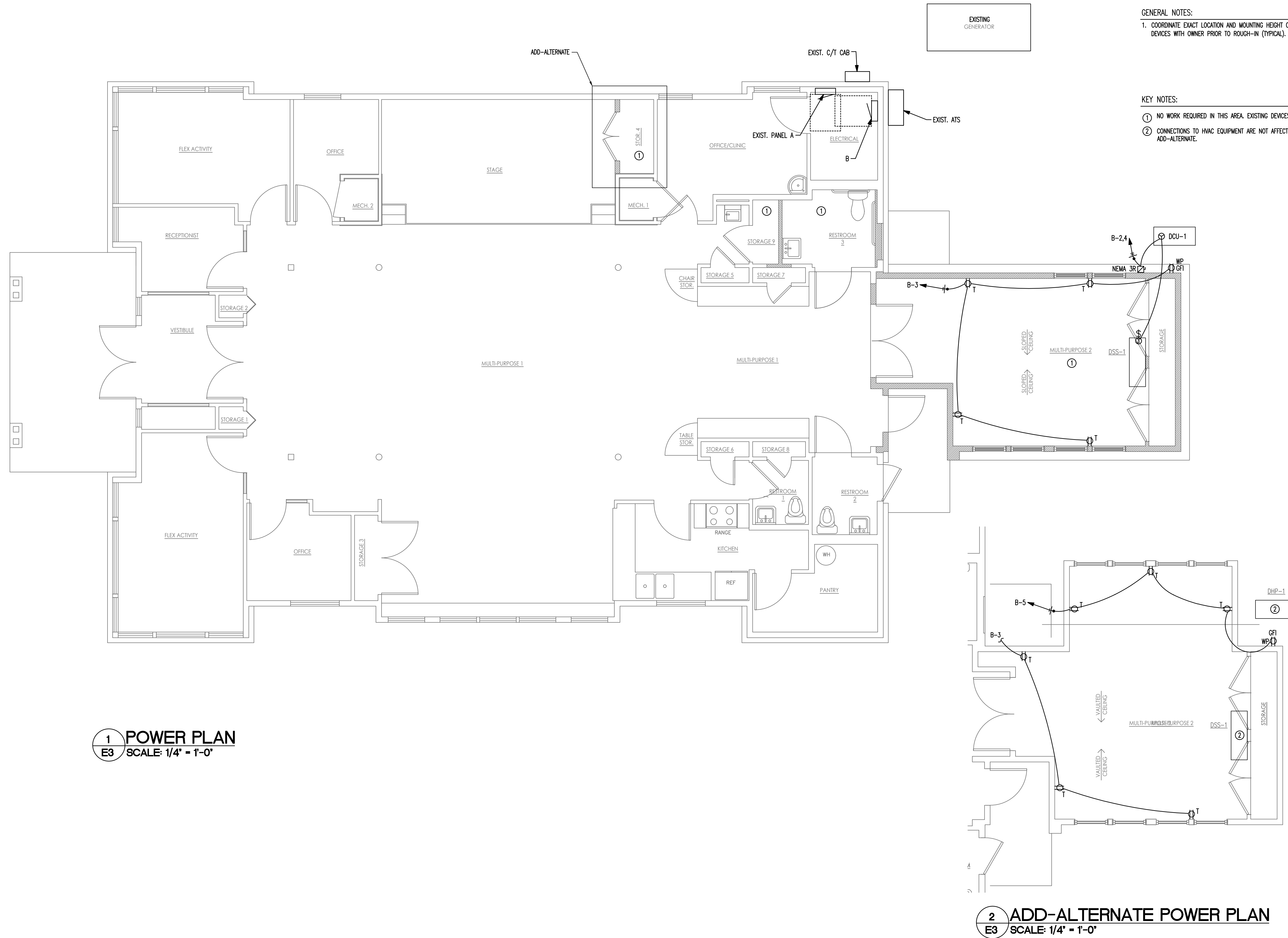
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REVISIONS	NO.	DATE
	NO.	DATE
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	NO.	DATE
	NO.	DATE
	NO.	DATE

DATE	SCALE	SHEET
07.15.24	AS NOTED	E3
DRAWN	CG	PROJECT NUMBER

GENERAL NOTES:
1. COORDINATE EXACT LOCATION AND MOUNTING HEIGHT OF ALL DEVICES WITH OWNER PRIOR TO ROUGH-IN (TYPICAL).

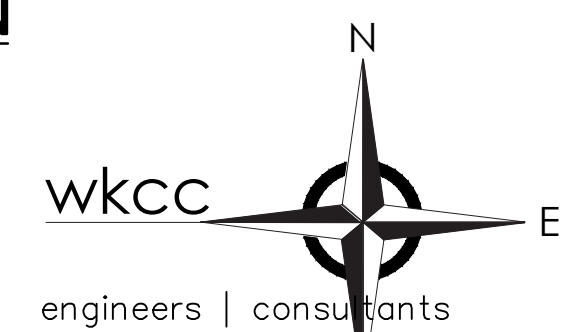
KEY NOTES:
① NO WORK REQUIRED IN THIS AREA. EXISTING DEVICES REMAIN.
② CONNECTIONS TO HVAC EQUIPMENT ARE NOT AFFECTED BY THE ADD-ALTERNATE.



1 POWER PLAN
E3 SCALE: 1/4" = 1'-0"

2 ADD-ALTERNATE POWER PLAN
E3 SCALE: 1/4" = 1'-0"

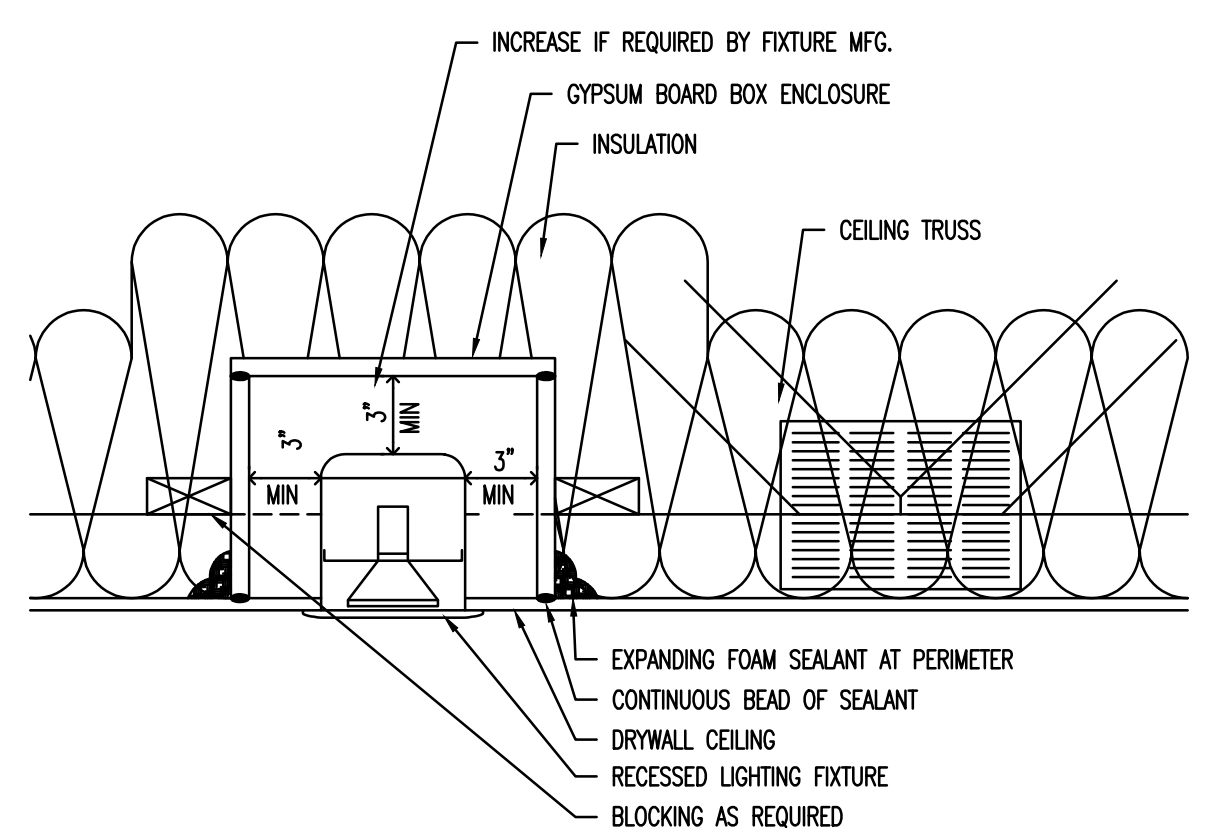
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LUMINAIRE SCHEDULE								
CALLOUT	SYMBOL	DESCRIPTION	MODEL	LAMP	MOUNTING	INPUT WATTS	VOLTS	NOTE 1
A	○	6" ROUND LED DOWNLIGHT - SLOPED CEILING ADAPTER	GOHAM EV06-35-25-AR-LSS-MD-MVOLT-G210-SCA(12/4)	(1) LED	RECESSED	25	120V 1P 2W	
A1	○	6" ROUND LED DOWNLIGHT	GOHAM EV06-35-25-AR-LSS-MD-MVOLT	(1) LED	RECESSED	25	120V 1P 2W	DAMP LABEL
B	— —	4' LENSED STRIPLIGHT	COLUMBIA LCL-4-35-ML-ED-U	(1) LED	SURFACE	42	120V 1P 2W	
X	⊗	EXIT SIGN	COMPASS CER	(1) LED	WALL/CEILING	2	MULTIPLE	UNSWITCHED
XRH	▲	EMERGENCY LIGHT (REMOTE HEAD)	COMPASS CORD	(1) LED	WALL/CEILING	2	MULTIPLE	UNSWITCHED
XX	▲	EMERGENCY LIGHT	COMPASS CU2	(1) LED	WALL/CEILING	1	MULTIPLE	UNSWITCHED

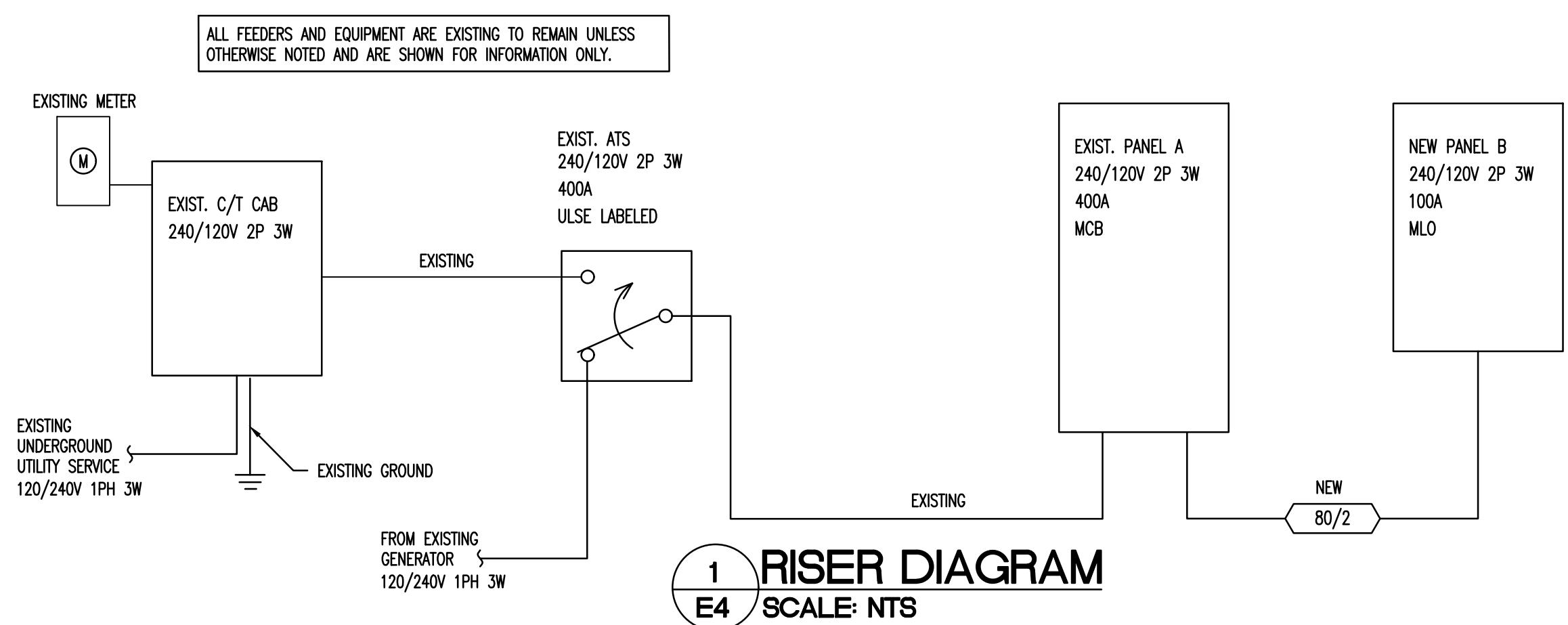
- GENERAL LIGHTING FIXTURE SCHEDULE NOTES:
- FIXTURES OF EQUAL QUALITY MAY BE SUBMITTED. ALL FINAL FIXTURE TYPES, FINISHES AND ANY SUBSTITUTIONS SHALL BE REVIEWED/APPROVED BY ARCHITECT PRIOR TO RELEASE.
 - ALL EXIT, EMERGENCY & NIGHT LIGHTS (NL) SHALL BE CONNECTED "UNSWITCHED" TO LIGHTING CIRCUIT SERVING ROOM WHERE THEY ARE LOCATED.
 - COORDINATE EXACT LOCATION & MOUNTING HEIGHT WITH PLUMBING & MECHANICAL CONTRACTORS SO THAT FIXTURE IS SUSPENDED BELOW PIPING & DUCTWORK.
 - SEE ARCHITECTURAL ELEVATIONS & COORDINATE WITH GC FOR MOUNTING HEIGHTS.



2 AIR SEALING AT RECESSED LIGHTING
E4 SCALE: NTS

FEEDER SCHEDULE			
ID	FEEDER AMPS	CONDUIT AND FEEDER	FEEDING THESE DEVICES
80/2	80	1" C, 2#3, #3N, #8C	B

SIZING METHOD: COPPER, 80°C #12 THROUGH #1, 75°C 1/0 AND ABOVE



1 RISER DIAGRAM
E4 SCALE: NTS

NOTE: UPON PROJECT COMPLETION, THE EC SHALL PROVIDE TYPED CIRCUIT DIRECTORIES FOR ALL NEW AND ALTERED PANELBOARDS WITH CIRCUIT DESIGNATIONS COMPLYING WITH THE REQUIREMENTS OF NEC 408.4(A).

EXIST. PANEL A									
ROOM		VOLTS 240/120V 2P 3W		AIC 22,000					
MOUNTING SURFACE		BUS AMPS 400		MAIN BKR 400					
FED FROM EXIST. ATS		NEUTRAL 100%		LUGS STANDARD					
NOTE									
CKT #	CKT BKR	CIRCUIT DESCRIPTION	LOAD KVA		CKT #	CKT BKR	CIRCUIT DESCRIPTION	LOAD KVA	
			A	B				A	B
1	20/1	EXIST. LOAD	0.60		2	80/2	PANEL B	3.66	
3	20/1	EXIST. LOAD		0.80	4				3.78
5	20/1	EXIST. LOAD	0.80		6	20/1	EXIST. LOAD	0.54	
7	20/1	EXIST. LOAD		0.50	8	20/1	EXIST. LOAD		0.72
9	20/1	EXIST. LOAD	0.70		10	20/1	EXIST. LOAD	0.54	
11	20/1	EXIST. LOAD		0.40	12	20/1	EXIST. LOAD		0.72
13	20/1	EXIST. LOAD	0.20		14	20/1	EXIST. LOAD	0.72	
15	20/1	EXIST. LOAD		0.30	16	20/1	EXIST. LOAD		0.72
17	20/1	EXIST. LOAD	0.10		18	20/1	EXIST. LOAD	0.90	
19	20/1	EXIST. LOAD		0.10	20	20/1	EXIST. LOAD		0.90
21	20/1	EXIST. LOAD	0.20		22	20/1	EXIST. LOAD	0.90	
23	20/1	EXIST. LOAD		0.20	24	20/1	EXIST. LOAD		0.10
25	20/1	EXIST. LOAD	0.60		26	20/1	EXIST. LOAD	0.50	
27	20/1	EXIST. LOAD		1.00	28	20/1	EXIST. LOAD		0.54
29	30/2	EXIST. LOAD	2.25		30	25/1	EXIST. LOAD	0.40	
31				2.25	32	20/1	EXIST. LOAD		0.70
33	50/2	EXIST. LOAD	4.80		34	60/2	EXIST. LOAD	5.75	
35				4.80	36				5.75
37	25/1	EXIST. LOAD	0.72		38	60/2	EXIST. LOAD	5.75	
39	20/1	EXIST. LOAD		0.54	40				5.75
TOTAL CONNECTED KVA BY PHASE								30.63	30.57
			CONN KVA	CALC KVA				CONN KVA	CALC KVA
LIGHTING			5.74	7.18	(125%)	CONTINUOUS	4.90	6.13	(125%)
LARGEST MOTOR			11.50	2.88	(25%)	NONCONTINUOUS	1.10	1.10	(100%)
MOTORS			0.70	0.70	(100%)	HEATING	36.92	36.92	(100%)
RECEPTACLES			11.84	10.92	(50%>10)	COOLING	27.32	0.00	(0%)
								TOTAL LOAD	65.82
								BALANCED LOAD	274.24 A

PANEL A KEY NOTES:
① RELOCATE TWO 20A/1P CIRCUITS TO NEW PANEL B AS SHOWN TO ALLOW SPACE FOR NEW 80A/2P BREAKER.

B										
ROOM		VOLTS 240/120V 2P 3W		AIC 10,000						
MOUNTING SURFACE		BUS AMPS 100		MAIN BKR MLO						
FED FROM EXIST. PANEL A		NEUTRAL 100%		LUGS STANDARD						
NOTE										
CKT #	CKT BKR	CIRCUIT DESCRIPTION	LOAD KVA		CKT #	CKT BKR	CIRCUIT DESCRIPTION	LOAD KVA		
			A	B				A	B	
1	20/1	LIGHTING	0.24		2	25/2	DCU-1	2.16		
3	20/1	RECEPTACLE		0.90	4				2.16	
5	20/1	RECEPTACLE	0.72		6	20/1	EXIST. RECEPT. CIRCUIT RELOCATED FROM PANEL A	0.54		
7	-/1	SPACE		0.00	8	20/1	EXIST. RECEPT. CIRCUIT RELOCATED FROM PANEL A		0.72	
9	-/1	SPACE	0.00		10	-/1	SPACE	0.00		
11	-/1	SPACE		0.00	12	-/1	SPACE		0.00	
13	-/1	SPACE	0.00		14	-/1	SPACE	0.00		
15	-/1	SPACE		0.00	16	-/1	SPACE		0.00	
17	-/1	SPACE	0.00		18	-/1	SPACE	0.00		
19	-/1	SPACE		0.00	20	-/1	SPACE		0.00	
21	-/1	SPACE	0.00		22	-/1	SPACE	0.00		
23	-/1	SPACE		0.00	24	-/1	SPACE		0.00	
TOTAL CONNECTED KVA BY PHASE								3.66	3.78	
			CONN KVA	CALC KVA				CONN KVA	CALC KVA	
LIGHTING			0.24	0.30	(125%)	RECEPTACLES	2.88	2.88	(50%>10)	
LARGEST MOTOR			4.32	1.08	(25%)	HEATING	4.32	4.32	(100%)	
							COOLING	4.32	0.00	(0%)
								TOTAL LOAD	8.58	
								BALANCED LOAD	35.76 A	

- GENERAL PANELBOARD NOTES:
- EXISTING LOADS ACCOUNTED FOR BY FIELD INVESTIGATION.
 - *EXIST. - INDICATES BREAKER/CIRCUIT IS EXISTING TO REMAIN. ALL OTHER BREAKERS/CIRCUITS SHOWN ARE NEW.
 - PANELBOARD CONFIGURATIONS ARE BASED ON PREVIOUS AS-BUILT DOCUMENTS AND MAY VARY ON SITE. EC SHALL FIELD VERIFY EXISTING CONDITIONS AND MODIFY ACCORDINGLY.
 - PROVIDE BLANK FILLER COVERS OVER EMPTY BREAKER SLOTS.
 - ALL UNUSED BREAKERS SHALL BE TURNED TO THE "OFF" POSITION & LABELED AS "SPARES" ACCORDINGLY.
 - ALL NEW 120V, SINGLE-PHASE, 15- & 20- AMPERE BRANCH CIRCUITS SUPPLYING OUTLETS OR DEVICES SHALL BE PROTECTED BY ARC-FAULT CIRCUIT-INTERRUPTER PER NEC 210.12.
- NOTE: UPON PROJECT COMPLETION, THE EC SHALL PROVIDE TYPED CIRCUIT DIRECTORIES FOR ALL NEW AND ALTERED PANELBOARDS WITH CIRCUIT DESIGNATIONS COMPLYING WITH THE REQUIREMENTS OF NEC 408.4(A).

EQUIPMENT SCHEDULE									
CALLOUT	SYMBOL	NEMA	VOLTAGE	BREAKER	CIRCUIT	MCA	MOCP	WIRING	NOTE 1
DCU-1	⊕	NEMA 3R	240/120V 2P	25/2	B-2,4	18	25	1/2" C, 2#12, #12N, #12G	

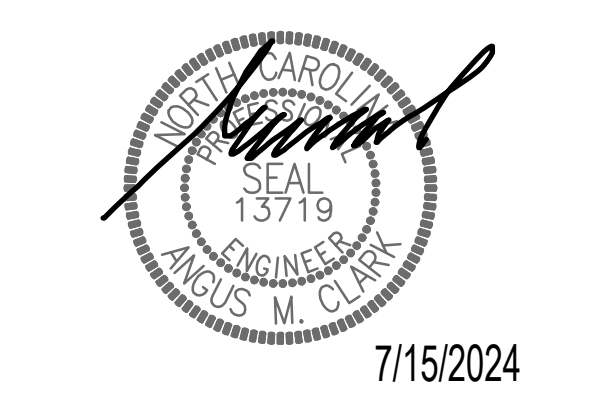
GENERAL NOTE: VERIFY BREAKER & WIRE SIZES WITH EQUIPMENT NAMEPLATES.


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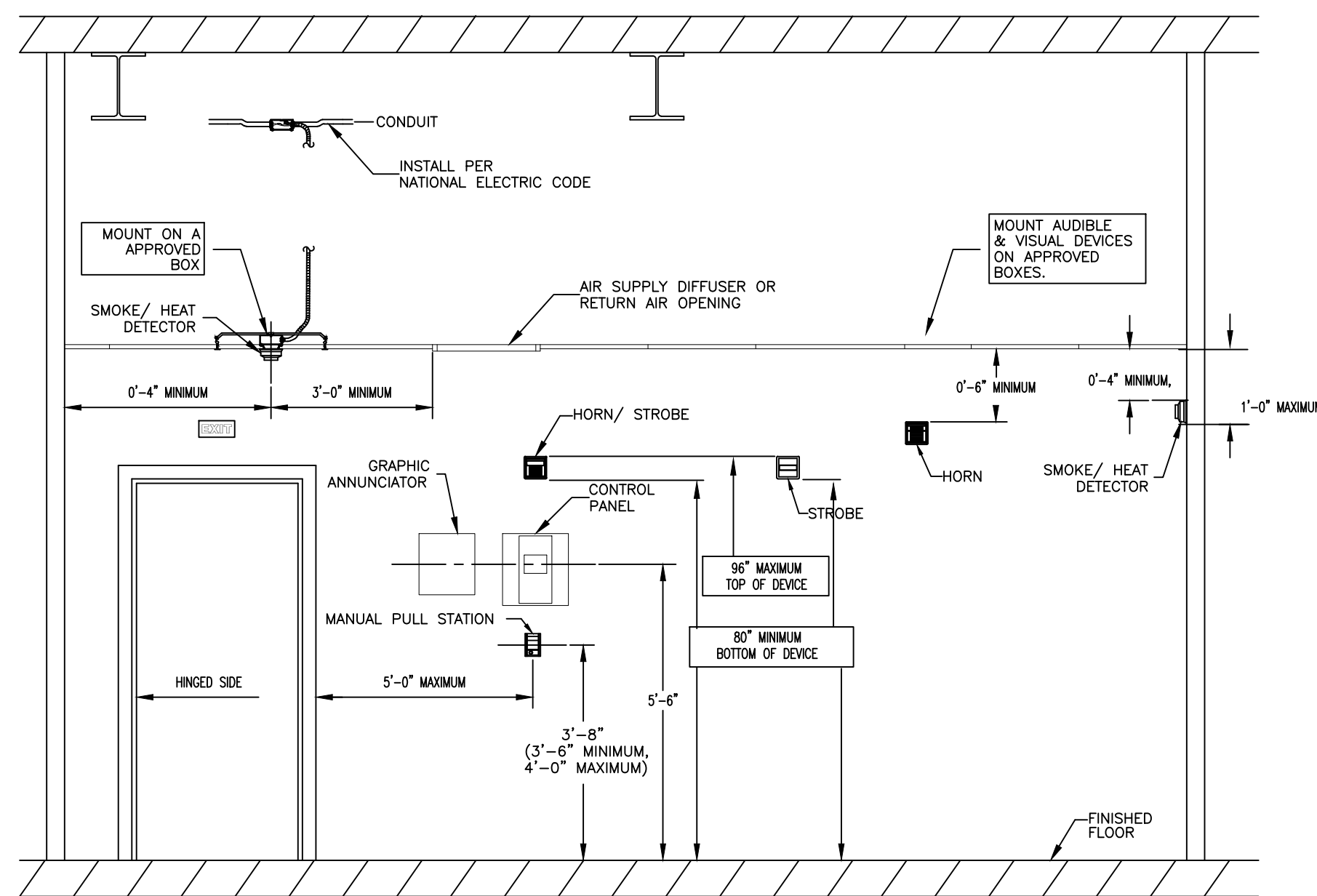
FIRE ALARM SYSTEM INPUT/OUTPUT MATRIX

SYSTEM INPUTS	SYSTEM OUTPUTS																									
	FACP ANNUNCIATION										NOTIFICATION										REQUIRED FIRE SAFETY CONTROL					
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	
1 FIRE ALARM SYSTEM AC POWER FAILURE																										
2 FIRE ALARM SYSTEM LOW BATTERY																										
3 OPEN CIRCUIT																										
4 GROUND FAULT																										
5 NOTIFICATION APPLIANCE CIRCUIT SHORT																										
6 BUILDING MANUAL PULL STATIONS																										
7 CORRIDOR SMOKE DETECTORS																										
8 AREA SMOKE DETECTORS																										
9 HVAC AIR DUCT SMOKE DETECTORS																										
10 AREA HEAT DETECTORS																										

ABBREVIATIONS

AFC ABOVE FINISHED CEILING	NA NOT APPLICABLE
AFF ABOVE FINISHED FLOOR	NAC NOTIFICATION APPLIANCE CIRCUIT
AFC ABOVE FINISHED GRADE	NCSCB NORTH CAROLINA STATE BUILDING CODE
AHJ AUTHORITY HAVING JURISDICTION	NEC NATIONAL ELECTRICAL CODE
BLDG BUILDING	NEMA NATIONAL ELECTRICAL MANUFACTURER'S ASSOC.
C CONDUIT	NFPA NATIONAL FIRE PROTECTION ASSOCIATION
CLG CEILING	NIC NOT IN CONTRACT
EC ELECTRICAL CONTRACTOR	NTS NOT TO SCALE
EM EMERGENCY	MC MECHANICAL CONTRACTOR
EMT ELECTRICAL METALLIC TUBING	R RELOCATED
EX EXISTING TO REMAIN	SLC SIGNAL LINE CIRCUIT
FA FIRE ALARM	UL UNDERWRITER'S LABORATORIES
FAA FIRE ALARM ANNUNCIATOR	UON UNLESS OTHERWISE NOTED
FACP FIRE ALARM CONTROL PANEL	W WIRE
GC GENERAL CONTRACTOR	W/ WITH
G GROUND	W/O WITHOUT
IMC INTERMEDIATE METAL CONDUIT	WP WEATHERPROOF
JB JUNCTION BOX	

NFPA 72 AND ADA DEVICE INSTALLATION REQUIREMENTS



2 FIRE ALARM DEVICE MOUNTING DETAIL
FA1 SCALE: NTS

FIRE ALARM GENERAL NOTES

- AS USED ON THESE DOCUMENTS, THE WORD "PROVIDE" SHALL MEAN TO FURNISH AND INSTALL THE ITEM OR EQUIPMENT AND MAKE THE FINAL CONNECTION AS REQUIRED.
- FIRE ALARM CONTRACTOR TO ENSURE CANDELA RATINGS OF EXISTING DEVICES MATCH THOSE INDICATED. ADJUST OR REPLACE EXISTING DEVICES AS REQUIRED TO ACHIEVE PROPER RATINGS AND COVERAGE. ALL FIRE ALARM NOTIFICATION DEVICES SHALL SYNC.
- A SOUND PRESSURE LEVEL OF 75db or 15db ABOVE AVERAGE AMBIENT NOISE LEVEL, WHICHEVER IS GREATER, IS REQUIRED IN ALL ROOMS (WITH DOORS CLOSED). ADJUST HORN OUTPUT LEVELS TO MEET THIS REQUIREMENT PRIOR TO FIRE MARSHALL INSPECTION.
- EXISTING NOTIFICATION DEVICES SHALL BE FIELD INSPECTED BY FIRE ALARM CONTRACTOR TO ENSURE SYNCHRONIZATION CAPABILITY PRIOR TO PRICING. EXISTING DEVICES SHALL BE REMOVED & REPLACED AS REQUIRED.

FIRE ALARM RISER NOTES

- PROVIDE "ADDRESSABLE" FIRE ALARM SYSTEM AS SHOWN. ALL WORK SHALL BE IN ACCORDANCE WITH NFPA 72. ALL WIRING SHALL BE SIZED AS REQUIRED BY THE MANUFACTURER.
- SEE FIRE ALARM PLAN FOR LOCATION AND NUMBER OF DEVICES. THE DRAWINGS INDICATE THE SUGGESTED LOCATIONS FOR INITIATING, NOTIFICATION, AND OTHER MISCELLANEOUS DEVICES INDIRECTLY CONNECTED TO THE FIRE ALARM SYSTEM. MISCELLANEOUS REQUIREMENTS ARE FOR THE GENERAL INFORMATION OF THE CONTRACTOR EXACT LOCATIONS, INSTALLATIONS, AND CONNECTIONS SHALL BE PER FIRE ALARM MANUFACTURERS INSTRUCTIONS AND DIRECTIONS FOR A COMPLETED SYSTEM. CONTRACTOR SHALL FURNISH AND INSTALL ALL CONDUIT, PULL BOXES, JUNCTION BOXES, AND MISCELLANEOUS REQUIREMENTS AS REQUIRED BY FIRE ALARM EQUIPMENT SUPPLIER.
- PROVIDE BATTERY CALCULATIONS FOR THE DEVICES REQUIRED. ALLOW 25% ADDITIONAL CAPACITY FOR FUTURE DEVICES.
- FIRE SEAL ALL CONDUIT PENETRATIONS.
- PROVIDE GRAPHIC ANNUNCIATOR CHART AT THE MAIN LOBBY TO INDICATE ALL DEVICE POINT ASSIGNMENTS AND LOCATIONS.
- ALL COMPONENTS SHALL BE COMPATIBLE. PROVIDE ALL NECESSARY CONTROL WIRING AND CONDUIT PER MANUFACTURERS REQUIREMENTS.
- INITIATION OF FIRE ALARM SHALL CAUSE ALL AIR HANDLING UNITS TO SHUT DOWN.
- ALL DEVICES/SUBMITTALS SHALL BE APPROVED BY THE FIRE MARSHALL PRIOR TO ORDERING/INSTALLATION.
- COORDINATE WITH ELEVATOR CONTRACTOR/GC AND PROVIDE ALL CONTROL MODULES/RELAYS TO ACCOMPLISH ELEVATOR RECALL.
- COORDINATE QUANTITY AND LOCATION OF TAMPER AND FLOW SWITCHES WITH SPRINKLER CONTRACTOR.
- COORDINATE QUANTITY, LOCATION AND VOLTAGE OF FIRE DAMPERS WITH MECHANICAL CONTRACTOR. THE FIRE ALARM INSTALLER SHALL BE RESPONSIBLE FOR ALL WIRING REQUIRED TO FACILITATE DAMPER CONTROL FUNCTIONS AS INITIATED BY THE FACP.

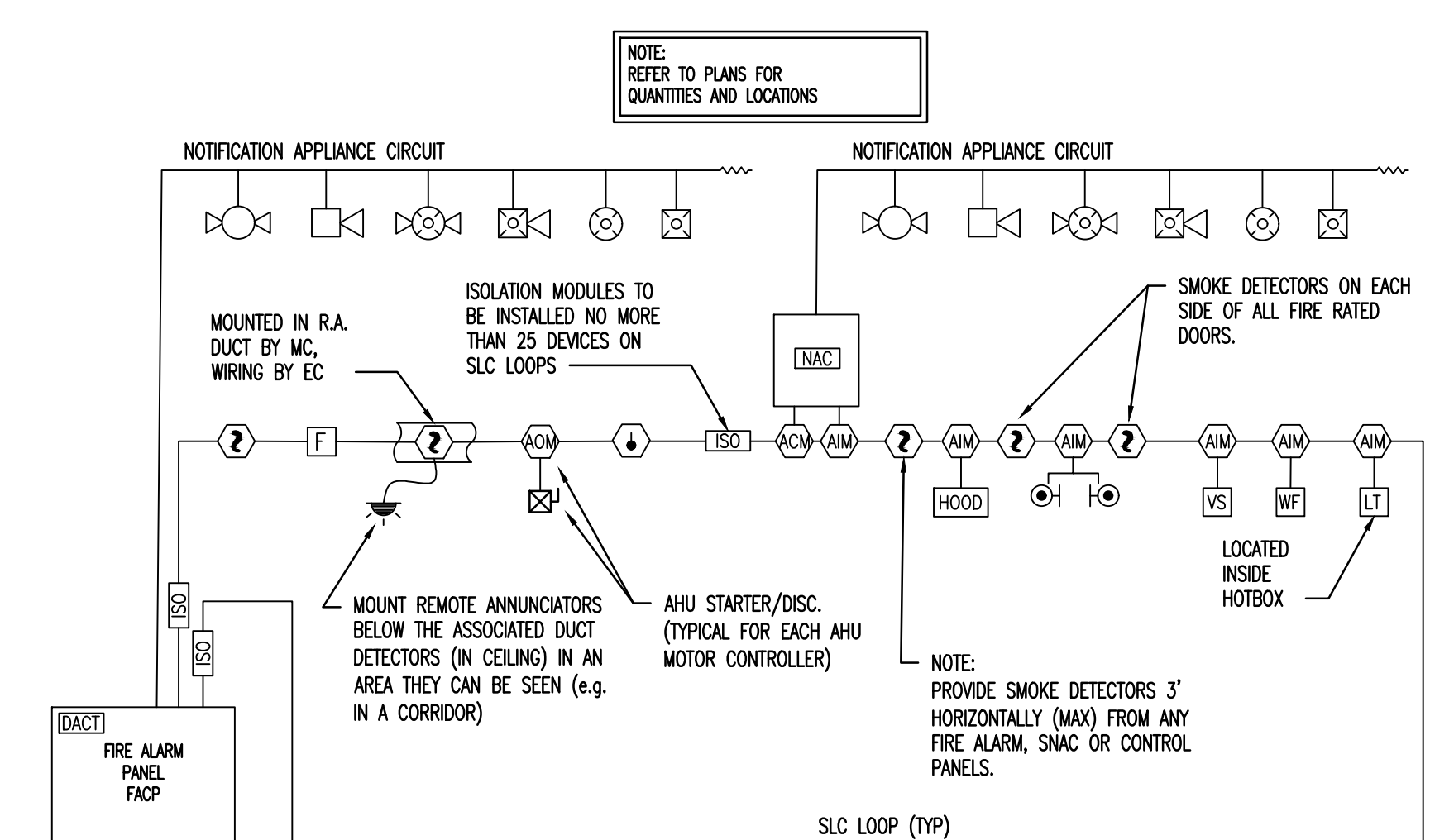
NEW - FIRE ALARM SCHEDULE

SYMBOL	CALLOUT	NOTE
⊠	AUDIBLE-VISUAL APPLIANCE (WALL MOUNTED)	CANDELA RATING AS NOTED
⊗	SMOKE DETECTOR SENSOR - PHOTOELECTRIC TYPE	

EXISTING - FIRE ALARM SCHEDULE

SYMBOL	CALLOUT	NOTE
⊠	PULL STATION - FIRE ALARM	
⊗	VISUAL ONLY APPLIANCE (CEILING MOUNTED)	CANDELA RATING AS NOTED

"E" INDICATES DEVICE IS EXISTING TO REMAIN
"R" INDICATES DEVICE IS RELOCATE



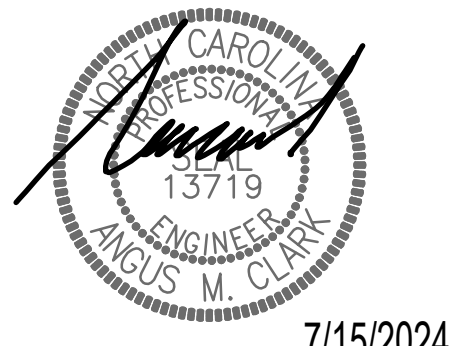
1 FIRE ALARM RISER DIAGRAM
FA1 SCALE: NTS

WIRE LEGEND:
NAC CIRCUITS : 2 CONDUCTOR, #12AWG, BLUE+, BLACK-
CLASS "B" LOOP: 1 PAIR, #18AWG TWISTED, OVERALL SHIELD,
RED+,BLACK-RED JACKET.

FIRE ALARM SCOPE OF WORK: PROVIDE SMOKE DETECTORS AND A HORN/STROBE IN THE ADDITION AS SHOWN.

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7/15/2024

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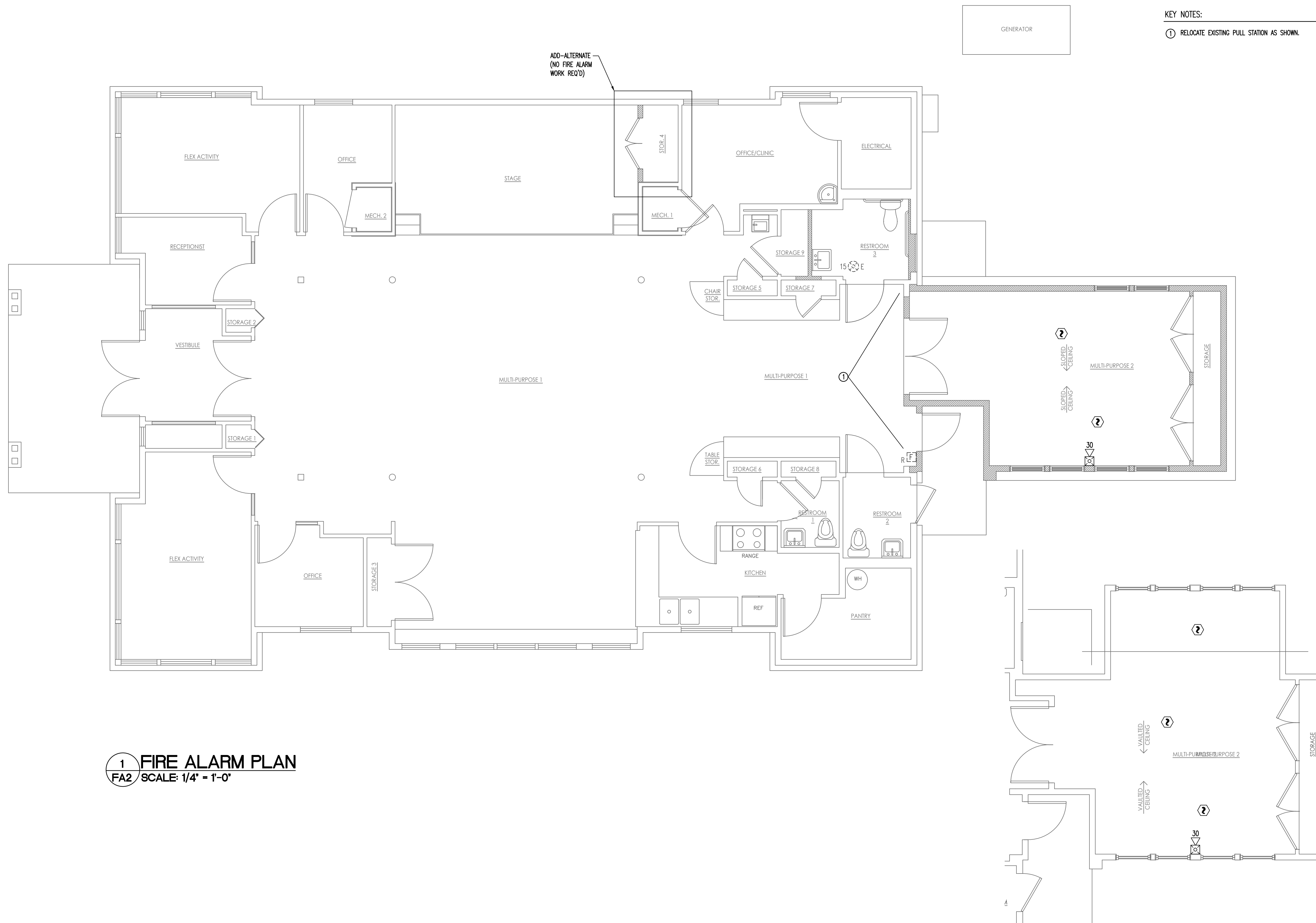


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KEY NOTES:

- 1 RELOCATE EXISTING PULL STATION AS SHOWN.



1 FIRE ALARM PLAN
FA2 SCALE: 1/4" = 1'-0"

2 ADD-ALTERNATE FIRE ALARM PLAN
FA2 SCALE: 1/4" = 1'-0"

**Efland Cheeks
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**Covered Patio
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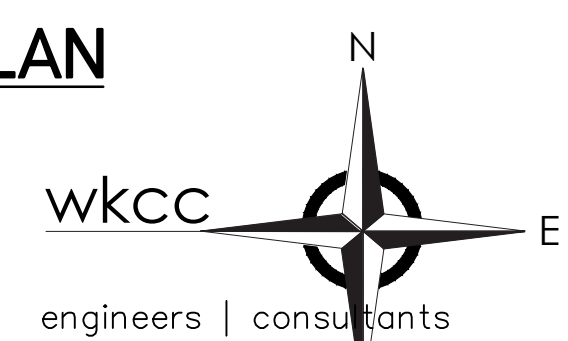
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DATE	07.15.24	SHEET
SCALE	AS NOTED	FA2
DRAWN	CG	PROJECT NUMBER