

A REMODEL FOR

# Washington Co. Sheriff Office

FAYETTEVILLE, AR  
Issue Date: 10/25/2024

Project No.: 2433

**MECHANICAL / ELECTRICAL ENGINEER:**

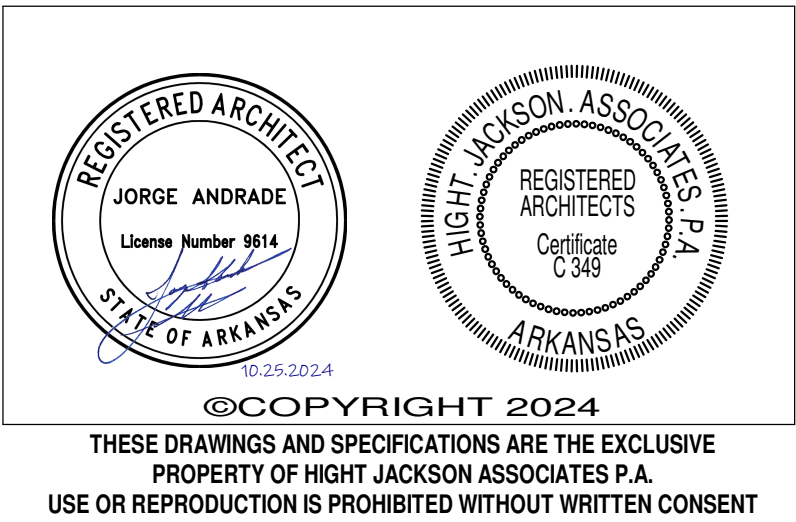
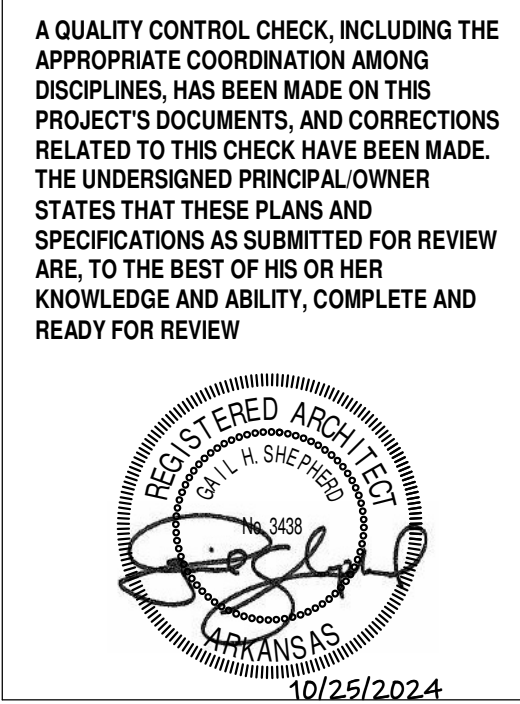
HSA ENGINEERING  
7405 ELLIS ST  
FORT SMITH, AR 72916

Drawing Index

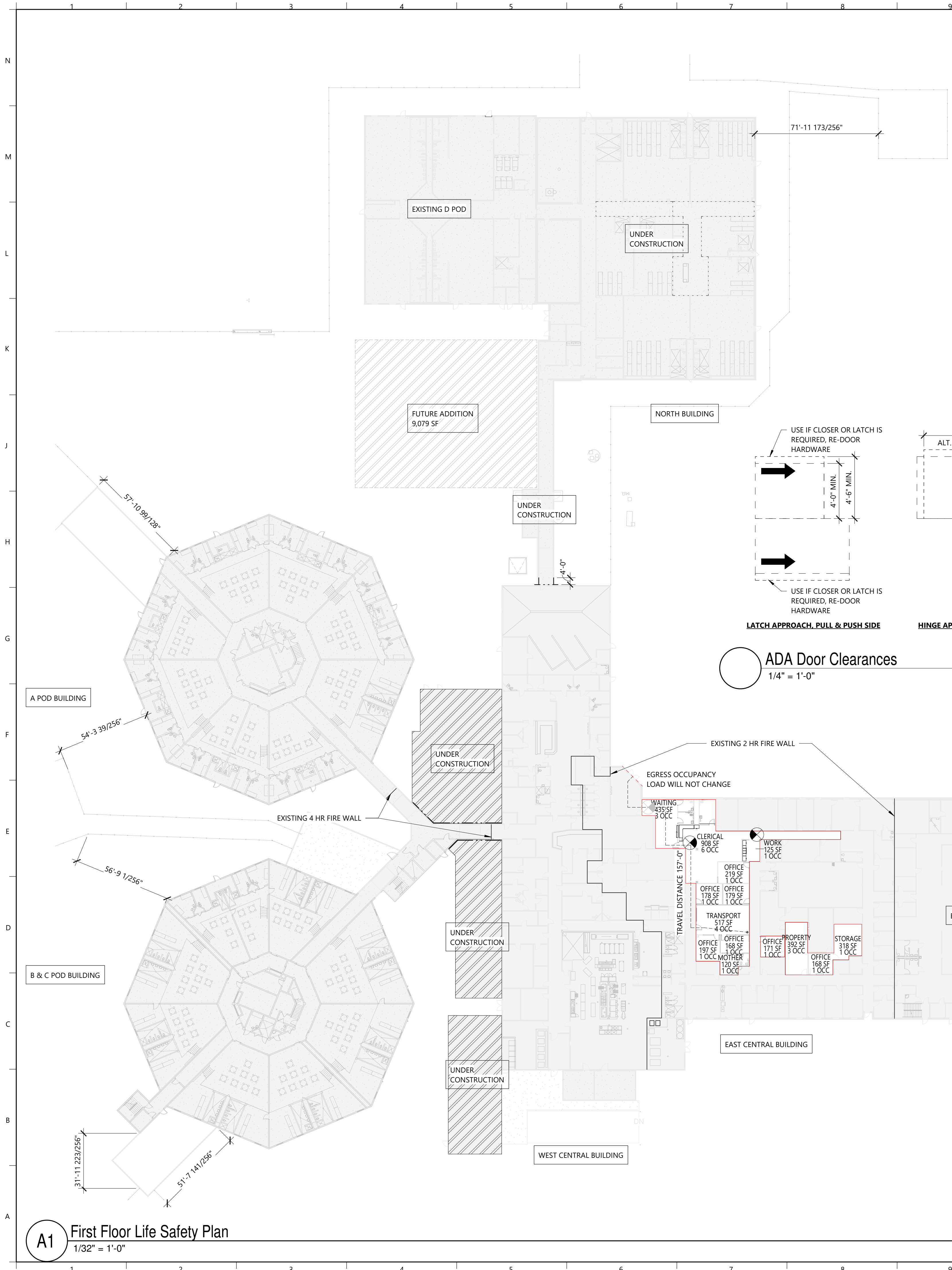
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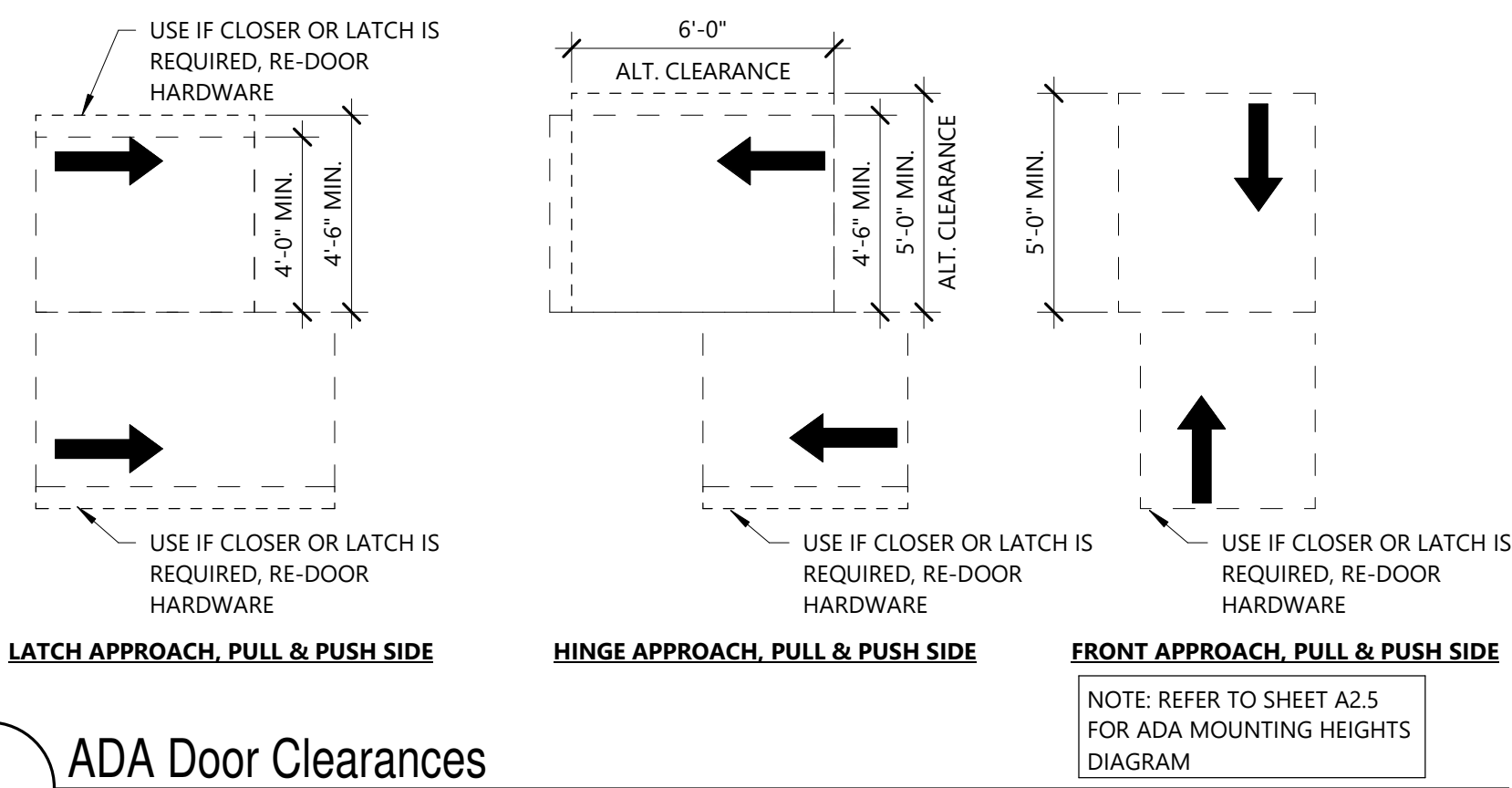
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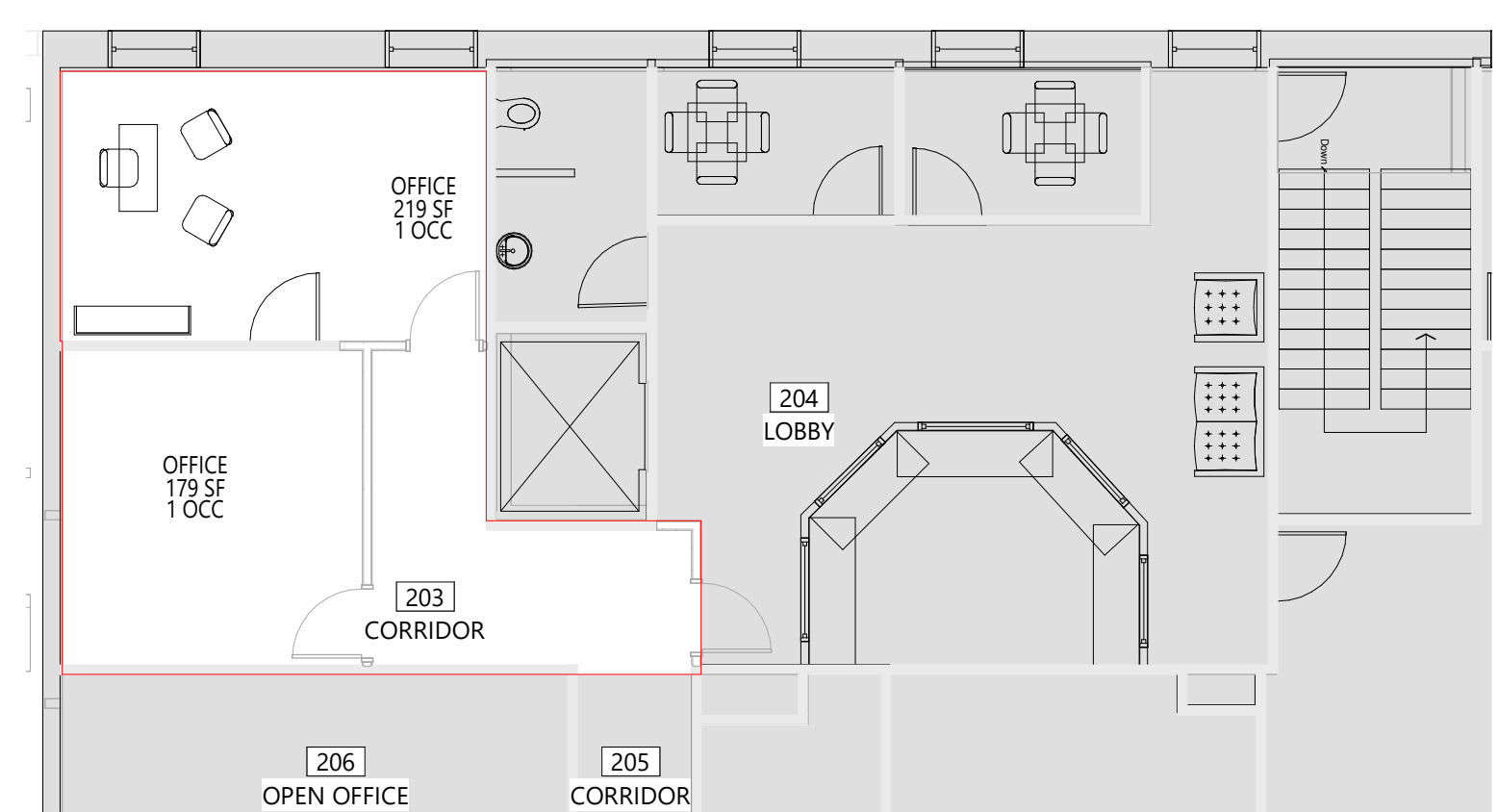


FIRE STOPPING ASSEMBLIES FOR PENETRATIONS OF FIRE WALLS AND BARRIERS			
CONCRETE BLOCK WALL ASSEMBLIES		CONCRETE BLOCK WALL ASSEMBLIES	
METAL PIPE THROUGH 1 OR 2 HR CONCRETE BLOCK WALL ASSEMBLY	UL SYSTEM W-J-1067	UL SYSTEM W-J-1116 OR W-J-1191	
MULTIPLE METAL PIPES THROUGH CONCRETE BLOCK WALL ASSEMBLY	UL SYSTEM W-J-5041 OR W-J-5042	UL SYSTEM W-J-5145	
INSULATED METAL PIPE THROUGH 1 OR 2 HR CONCRETE BLOCK WALL ASSEMBLY	UL SYSTEM W-J-5145	UL SYSTEM W-J-5145	
INSULATED PLASTIC PIPE THROUGH 2 HR BLOCK WALL ASSEMBLY	UL SYSTEM W-J-5145	UL SYSTEM W-J-5145	
6" MAX. DIAMETER PLASTIC (PVC) PIPE THROUGH CONCRETE FLOOR OR BLOCK WALL	UL SYSTEM W-J-5145	UL SYSTEM W-J-5145	
CABLE BUNDLE THROUGH 2 HR BLOCK WALL ASSEMBLY	UL SYSTEM W-J-5145	UL SYSTEM W-J-5145	
INSULATED PLASTIC PIPE THROUGH 2 HR BLOCK WALL	UL SYSTEM W-J-5145	UL SYSTEM W-J-5145	
SHEET METAL DUCT THROUGH BLOCK WALL ASSEMBLY	UL SYSTEM W-J-7022 OR W-J-7109		
(REFER TO MECHANICAL DRAWINGS FOR FIRE DAMPER LOCATIONS AND DETAIL)			
GYPSUM WALL ASSEMBLIES		GYPSUM WALL ASSEMBLIES	
METAL PIPE PENETRATION THROUGH 1 OR 2 HR GYPSUM WALL ASSEMBLY	UL SYSTEM W-L-1054	UL SYSTEM W-L-1206	
METAL PIPE PENETRATION THROUGH 1 OR 2 HR GYPSUM SHAFT WALL ASSEMBLY	UL SYSTEM W-L-1206	UL SYSTEM W-L-1408	
MULTIPLE METAL PIPES THROUGH 1 OR 2 HR GYPSUM WALL ASSEMBLY	UL SYSTEM W-L-2406	UL SYSTEM W-L-3213 OR W-L-3272	
PLASTIC PIPE THROUGH 1 OR 2 HR GYPSUM WALL ASSEMBLY	UL SYSTEM W-L-5029	UL SYSTEM W-L-5225	
CABLE BUNDLE THROUGH 1 OR 2 HR GYPSUM WALL ASSEMBLY	UL SYSTEM W-L-7153 OR W-L-7155		
INSULATED METAL PIPE THROUGH 1 OR 2 HR GYPSUM WALL ASSEMBLY			
INSULATED PLASTIC PIPE THROUGH 1 OR 2 HR GYPSUM WALL ASSEMBLY			
SHEET METAL DUCT THROUGH 1 OR 2 HR GYPSUM WALL ASSEMBLY			
(REFER TO MECHANICAL DRAWINGS FOR FIRE DAMPER LOCATIONS AND DETAIL)			
2021 TABLE 1004.1.2 OCCUPANT LOAD FACTORS		ACTIVE FIRE SAFETY FEATURES:	
OFFICES	BUSINESS AREAS	150 GROSS	• FIRE SUPPRESSION SYSTEM THROUGHOUT
STORAGE	ACCESSORY STORAGE	300 GROSS	• FIRE ALARM SYSTEM- GENERATOR AND BATTERY BACK UP
CUSTODIAN	ACCESSORY STORAGE	300 GROSS	• SMOKE DETECTION THROUGHOUT- BATTERY BACKUP
MECHANICAL/ELECTRICAL	ACCESSORY MECHANICAL	300 GROSS	• AUTOMATIC AIR HANDLING EQUIPMENT SHUTDOWN
KITCHEN	KITCHENS COMMERCIAL	200 GROSS	• KITCHEN HOOD SUPPRESSION SYSTEM
EQUIPMENT	ACCESSORY EQUIPMENT	300 GROSS	• EXIT LIGHTS- GENERATOR BACK UP
EXERCISE YARD	EXERCISE ROOM	50 GROSS	• EMERGENCY LIGHTING- GENERATOR BACK UP
DATA/COMMUNICATIONS	ACCESSORY EQUIPMENT	300 GROSS	
CELL	SLEEPING AREAS	120 GROSS	
NURSE	INPATIENT TREATMENT	240 GROSS	
MULTI	EXERCISE ROOM	50 GROSS	
		SPECIAL INSPECTIONS	
		REFER TO TABLE OF REQUIRED SPECIAL INSPECTIONS ON SHEET S1.0	
		CONTRACTOR SHALL PROVIDE AND COORDINATE FOR THIRD PARTY TESTING OF ALL LISTED ITEMS IN THIS TABLE.	
		DUCT PENETRATIONS	
		REFER TO MECHANICAL DRAWINGS FOR LOCATION OF FIRE DAMPERS AT ALL FIRE WALLS AND FIRE BARRIERS	
		STRUCTURAL FIRE PROTECTION	
		STRUCTURAL FRAME- 0 HR. EXTERIOR BEARING WALLS- 0 HR. INTERIOR BEARING WALLS- 0 HR. EXTERIOR NON-BEARING WALLS- 0 HR. INTERIOR NON-BEARING WALLS- 0 HR. FLOORS- 0 HR. ROOF- 0 HR.	



SYMBOL LEGEND	
---	1 HR FIRE BARRIER
---	2 HR FIRE WALL
---	1 HR SMOKE BARRIER
---	EXISTING FIRE RATED WALL
⊗	EXIT SIGN
FEC	FIRE EXTINGUISHER CABINET - USING EXISTING
ROOM NAME	ROOM USE, RE-- LEGEND
-- SF	SQUARE FEET
-- OCC	OCCUPANCY

TYPE OF CONSTRUCTION: IIB  
FACILITY NAME: Washington County Detention Center  
FACILITY LOCATION:  
1155 W Clydesdale Dr,  
Fayetteville, AR 72701  
COUNTY: WASHINGTON  
LOCAL FIRE DEPARTMENT:  
FAYETTEVILLE FIRE DEPARTMENT  
WATER SUPPLY:  
CITY OF FAYETTEVILLE WATER AND SEWER OPERATIONS DIVISION  
LOCAL BUILDING INSPECTION DEPARTMENT:  
FAYETTEVILLE FIRE DEPARTMENT  
APPLICABLE CODES AND REGULATIONS:  
2021 ARKANSAS FIRE PREVENTION CODE  
2021 INTERNATIONAL BUILDING CODE  
2018 ARKANSAS STATE PLUMBING CODE  
2021 ARKANSAS STATE MECHANICAL CODE  
2020 NATIONAL ELECTRIC CODE  
2018 ARKANSAS STATE FUEL GAS CODE  
2014 ARKANSAS ENERGY CODE (2009 IECC)  
2017 ANSI A117.1  
2010 ADA GUIDELINES  
2022 AR MINIMUM STANDARDS FOR ADULT CRIMINAL DETENTION FACILITIES  
ARCHITECT CONTACT  
HIGHT JACKSON ASSOCIATES  
JORGE ANDRADE  
5201 WEST VILLAGE PARKWAY, SUITE 300  
ROGERS, AR 72758  
PHONE- (479)-464-4965  
FAX- (479)-464-8324  
OWNER CONTACT:  
WASHINGTON COUNTY SHERIFF'S OFFICE  
KORY WEATHERS  
1155 CLYDESDALE DR  
FAYETTEVILLE, AR 72701  
PHONE- (479)-444-5700  
EXISTING INTERIOR REMODEL:  
OFFICE REMODEL 1ST FLOOR - 5,000 SF  
OFFICE REMODEL 2ND FLOOR - 545 SF  
OCCUPANT LOAD OF ALL SPACES- WILL NOT CHANGE  
CONSTRUCTION TYPE- IIB  
BASIC ALLOWABLE AREA PER STORY w/o SPRINKLER - 10,000sf  
BASIC w/ SPRINKLER INCREASE PER STORY - 30,000sf  
BASIC w/ SPRINKLER INCREASE SINGLE STORY - 40,000sf  
FRONTAGE INCREASE PER BUILDING  
NORTH BUILDING - 7,500sf  
WEST CENTRAL BUILDING - 2,500sf  
EXISTING EAST CENTRAL BUILDING - 5,000sf  
EXISTING EAST BUILDING - 5,000sf  
EXISTING A POD BUILDING - 5,000sf  
EXISTING B & C POD BUILDING - 1st Floor 5,000sf, 2nd Floor 5,000sf  
ALLOWABLE HEIGHT- 75'  
ACTUAL HEIGHT- 33'  
ALLOWABLE STORIES- 2  
ACTUAL STORIES  
NORTH BUILDING - 1  
WEST CENTRAL BUILDING - 1  
EAST CENTRAL BUILDING - 1  
EAST BUILDING - 2  
A POD BUILDING - 1 w/ MEZZANINE  
B & C POD BUILDING - 2 w/ MID MEZZANINE  
ACTUAL AREA PER BUILDING -  
NORTH BUILDING - 31,930sf  
WEST CENTRAL BUILDING - 28,073sf  
EXISTING EAST CENTRAL BUILDING - 22,211sf  
EXISTING EAST BUILDING - 10,359sf  
EXISTING A POD BUILDING - 9,840 SF  
EXISTING B & C POD BUILDING - 22,144sf  
COMBINE TOTAL SQUARE FOOTAGE - 135,122sf  
HORIZONTAL SEPARATION TO PROPERTY LINE-  
+/450'-0" TO EAST PL  
+/265'-0" TO SOUTH PL  
+/200'-0" TO WEST PL  
+/650'-0" TO NORTH PL



B11 Second Floor Life Safety Plan  
1/8" = 1'-0"

A1 First Floor Life Safety Plan  
1/32" = 1'-0"

REGISTERED ARCHITECT  
JORGE ANDRADE  
License Number 9614  
STATE OF ARKANSAS  
10.28.2024

HIGHT JACKSON ASSOCIATES P.A.  
REGISTERED ARCHITECTS  
Office #8  
C-348  
ARKANSAS

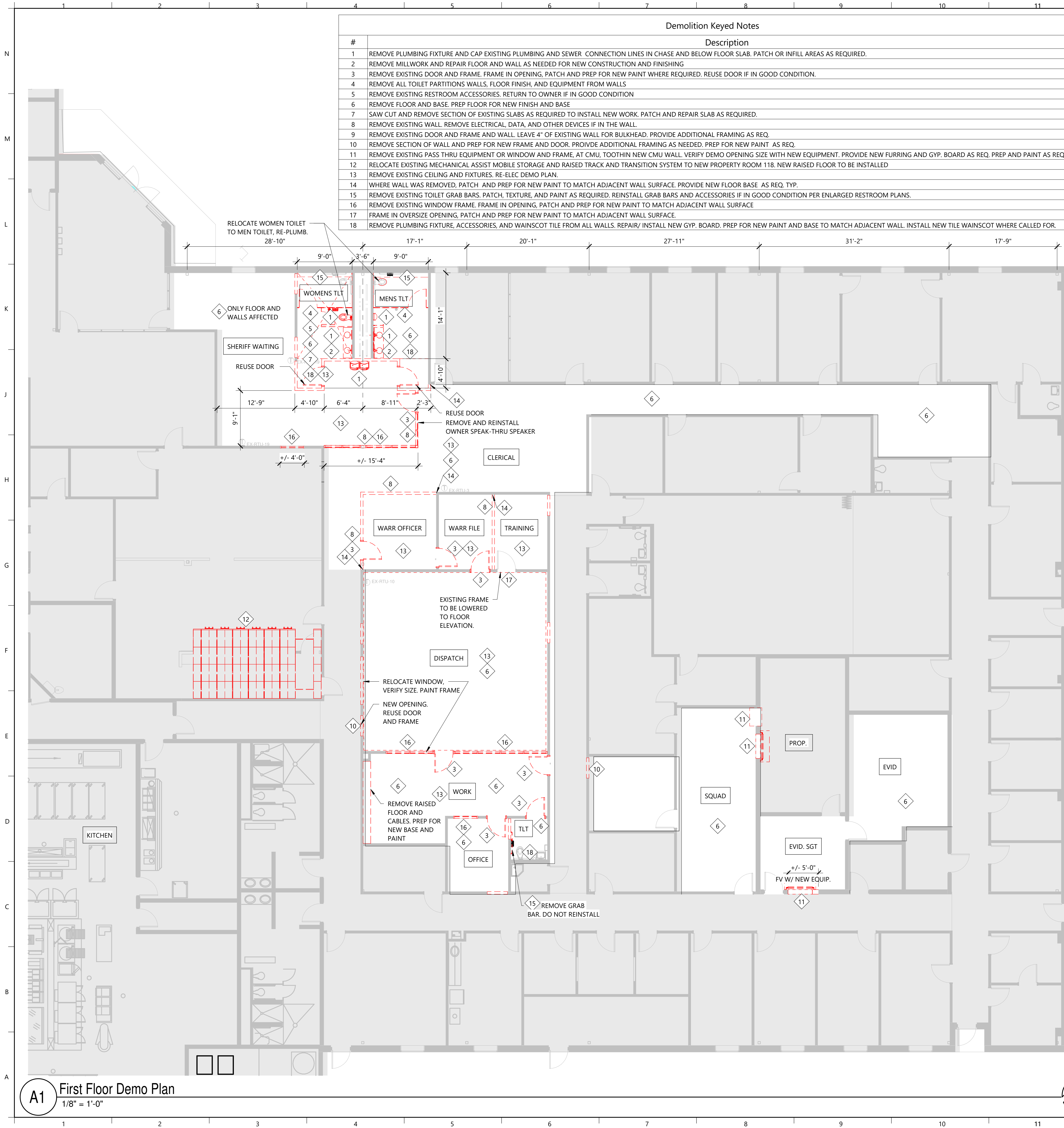
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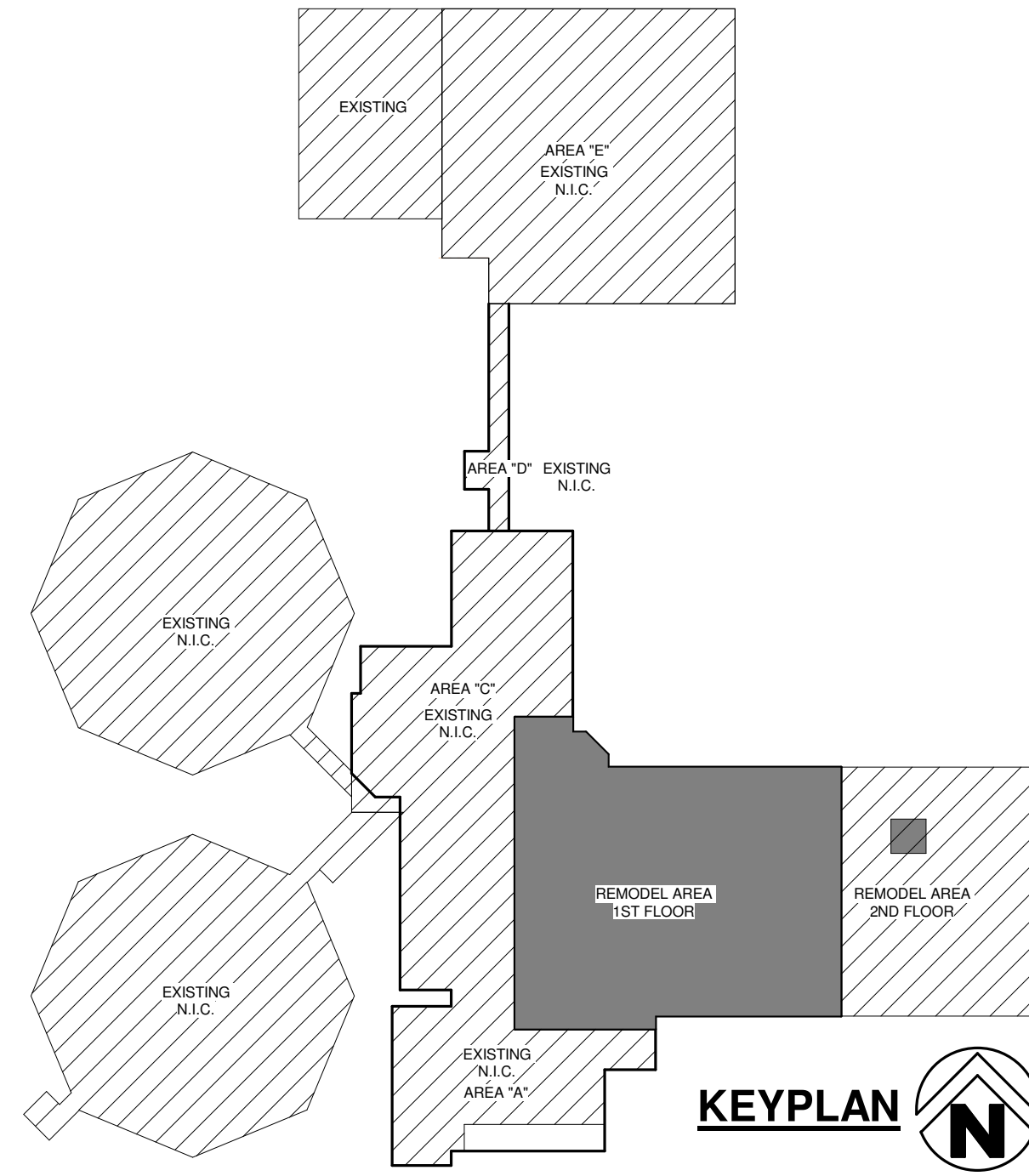
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ISSUE DATE  
10/25/2024  
PROJECT NO.  
2433  
REVISION DATES

LIFE SAFETY PLAN  
S H E E T  
A1.0  
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- General Demolition Notes
- DEMOLITION NOTES ARE PROVIDED TO EXPLAIN THE ITEMS TO BE REMOVED, RELOCATED, AND/OR MODIFIED IN ORDER TO FACILITATE THE REMODEL AND NEW CONSTRUCTION. IT SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO PROVIDE DEMOLITION AND PATCH ITEMS, SURFACES AND AREAS AS REQUIRED TO PROVIDE NEW WORK OR TO INSTALL NEW ITEMS WHERE CALLED FOR ON THE DRAWINGS AND SPECIFICATION.
  - DEMOLISHED ITEMS ARE SHOWN IN RED OR DASHED
  - PRIOR TO DEMOLITION AND CONSTRUCTION, IT IS THE CONTRACTORS RESPONSIBILITY TO FIELD VERIFY THE LOCATION AND CONDITION OF ALL EXISTING UTILITIES AND ELECTRICAL ITEMS ON THE SITE AND WITHIN THE EXISTING BUILDING.
  - CONTRACTOR TO COORDINATE WITH OWNER THE REMOVAL OF ALL ITEMS OWNER WISHES TO SALVAGE FROM EXISTING REMODEL AREAS PRIOR TO THE START OF CONSTRUCTION.
  - CONTRACTOR TO VERIFY ALL UTILITY CONDITIONS. REMOVAL AND REPLACEMENT OF ANY UTILITY LINE OR CONDUIT REQUIRED TO INSTALL NEW WORK TO BE INCLUDED AS PART OF THIS BID.
  - UNLESS NOTED OTHERWISE, ALL DEMOLISHED ITEMS TO BE REMOVED FROM SITE TO DISPOSED OF. COORD. W/ OWNER PRIOR TO DEMO FOR ITEMS TO BE RETURNED TO OWNER.
  - PROTECT ALL PLUMBING, MECHANICAL, ELECTRICAL, DATA EQUIPMENT, AND OTHER ITEMS NOTED OR INDICATED TO REMAIN. REFER TO PLUMBING, MECHANICAL, AND ELECTRICAL DRAWINGS FOR ADDITIONAL NOTES. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PAY FOR AND REPAIR OR REPLACE ANY ITEMS DAMAGED DURING WORK TO LIKE-NEW CONDITION PRIOR TO PROJECT CLOSE-OUT.
  - REFER TO PLUMBING, MECHANICAL, AND ELECTRICAL DRAWINGS FOR ADDITIONAL DEMOLITION NOTES AND INFORMATION.
  - REPORT ANY DISCREPANCIES IMMEDIATELY TO ARCHITECT.
  - SAW CUT AND REMOVE SECTIONS OF EXISTING SLABS AS REQUIRED TO INSTALL NEW WORK. PATCH AND REPAIR EXISTING SLABS AND SIDEWALKS AS REQUIRED.
  - REPAIR EXISTING WALLS AT LOCATIONS OF ANY DEMOLISHED PORTIONS OF WALLS AND DOOR FRAMES AS REQUIRED FOR NEW SURFACE AND FINISH.
  - REMOVE EXISTING WALL FINISHES AS REQUIRED FOR NEW PAINT. RE- SPECIALTY PLANS
  - REMOVE EXISTING LIGHTS WHERE CALLED FOR IN DRAWINGS. RE- REFLECTED CEILING PLAN. REFER TO ELECTRICAL/LIGHTING PLAN FOR ADDITIONAL NOTES.
  - REFER TO M.E.P DEMOLITION PLANS AND NOTES FOR ADDITIONAL REMOVAL AND/OR RELOCATION OF SYSTEMS NOT NOTED IN ARCHITECTURAL
  - REPAIR WALLS AT LOCATIONS OF ANY REMOVED MECHANICAL, ELECTRICAL OR PLUMBING ITEMS, REPAIR WALLS WITH SAME MATERIAL AS ADJACENT SURFACES TO NEW CONDITION. PAINT AS REQUIRED. WHERE ITEMS ARE REMOVED IN AREAS OF CMU, FILL IN WITH CMU TO MATCH COURSING.
  - REMOVE ALL EXISTING COUNTERTOPS, MILLWORK, CABINETS, SHELVES, AND HOOKS WHERE CALLED FOR IN DRAWINGS.
  - REMOVE PARTS OF EXISTING WALLS TO INSTALL NEW PLUMBING, ELECTRICAL, ETC. REFER TO M.E.P PLANS FOR NEW M.E.P LOCATIONS. REPAIR WALLS BACK TO FINISH CONDITIONS FOR PAINTING.
  - REMOVE ANY MOVABLE ITEMS SUCH AS SHELVING, FURNITURE, ETC. THAT HAS NOT BEEN REMOVED BY THE OWNER COORDINATE WITH OWNER.
  - NOTIFY CONTRACTOR AND ARCHITECT IF YOU SUSPECT ASBESTOS MATERIAL.
  - ALL CRACKS, VOIDS, HOLES, ETC. IN CMU WALLS TO BE REPAIRED TO RECEIVE NEW FINISH, RE- FINISH LEGEND AND SPECIALTY PLAN
  - REMOVE AND PROTECT EXISTING ROOM SIGNAGE NOTED FOR REINSTALL ON SPECIALTY PLANS. DEMOLISH ALL EXISTING ROOM SIGNS NOT NOTED FOR REINSTALL.
  - MODIFY, EXTEND, OR SHORTEN EXISTING SANITARY SEWER AND WATER LINES AS REQUIRED TO INSTALL NEW WORK RE-PLUMBING DRAWINGS.
  - REFER TO HVAC PLANS FOR REUSE, REMOVAL AND REPLACEMENT OF EXISTING EQUIPMENT. PATCH AND REPAIR ALL EXISTING WALLS AND FLOORS AS REQUIRED AFTER REMOVAL OR INSTALLATION.
  - PATCH AND REPAIR, PLUG HOLES, REMOVE UNNECESSARY HARDWARE AND STICKERS( NOT UL LABELS) AT EXISTING HM DOORS AND FRAMES FOR NEW PAINT AND HARDWARE AS NOTED. RE SPECIALTY PLAN AND DOOR SCHEDULE/TAGS.
  - DURING SLAB DEMOLITION FOR NEW CONSTRUCTION, CONTRACTOR TO VERIFY SLAB THICKNESS AND REPORT TO ARCHITECT.
  - ALL WALL SURFACES AFFECTED BY DEMO OR NEW WORK MUST BE REPAIRED FOR FINAL FINISH SURFACE RE- SPECIFICATION SECTION 092900 FOR TEXTURE REQUIREMENTS AT PAINTED GYP. BD. WALLS
  - CAP OFF ALL UNUSED PLUMBING PIPING AND ELECTRICAL LINES BELOW FLOOR SLAB, ABOVE CEILING OR WITHIN WALLS AS ALLOWED BY CODE. PATCH OR INFILL AREAS AS REQUIRED. RE-MEP
  - REMOVE ALL SURFACE MOUNT, JUNCTION BOXES, CONDUIT, AND WIREMOLD WHERE CALLED FOR IN DRAWINGS. RE-ELECT.
  - ALL EXPOSED CAPPED PLUMBING LINES TO BE TERMINATED WITHIN WALL OR OVERHEAD, REPAIR WALL TO CREATE LIKE NEW WALL FOR NEW FINISHES/PAINT APPLICATION.
  - ANY INTERRUPTION IN SERVICES MUST BE COORDINATED WITH OWNER PRIOR TO SHUT OFF.
  - SALVAGE ALL TOILET, SINKS, AND URINALS AND REUSE IF IN GOOD CONDITION AND HAND OVER TO OWNER
  - REMOVE ALL SURFACE MOUNT CONDUIT, JUNCTION BOXES AND WIREMOLD WHERE CALLED FOR IN DRAWINGS. REFER TO ELECTRICAL FOR REPLACEMENT INSTRUCTION.
  - REPAIR WALLS TO LIKE NEW CONDITION AT ANY REMOVED SURFACE APPLIED PRODUCTS. REMOVE ANY ADHESIVE OR INCONSISTENT TEXTURE FROM WALL. REPAIR MASONRY JOINTS.
  - REPAIR WALLS TO LIKE NEW CONDITION FROM ANY REMOVED WALLS OR VENEER. TUCKPOINT AND RE-POINT MASONRY JOINTS TO TOOLED JOINT TO MATCH ADJACENT. REMOVE ANY EXCESS MORTAR OR WIRE TIES FOR SMOOTH WALL CONDITION READY FOR PAINTING.
  - UNFACED BATT INSULATION ABOVE EXISTING CEILING MAY BE SALVAGED FOR INSTALLATION IN ANY LOCATION WHERE NEW BATT INSULATION IS NOTED.
  - PREP AND PAINT ALL WINDOW FRAMES AND DOOR FRAMES THAT WILL BE REUSED.
  - ALL ROOMS WHERE WORK WILL BE PERFORMED WILL RECEIVE NEW PAINT. UNO.



A1 First Floor Demo Plan  
1/8" = 1'-0"

REGISTERED ARCHITECT  
JORGE ANDRADE  
License Number 9614  
10.28.2024

HIGHT JACKSON ASSOCIATES P.A.  
REGISTERED ARCHITECTS  
Office #8  
C-348  
ARKANSAS

**Hight Jackson ASSOCIATES**

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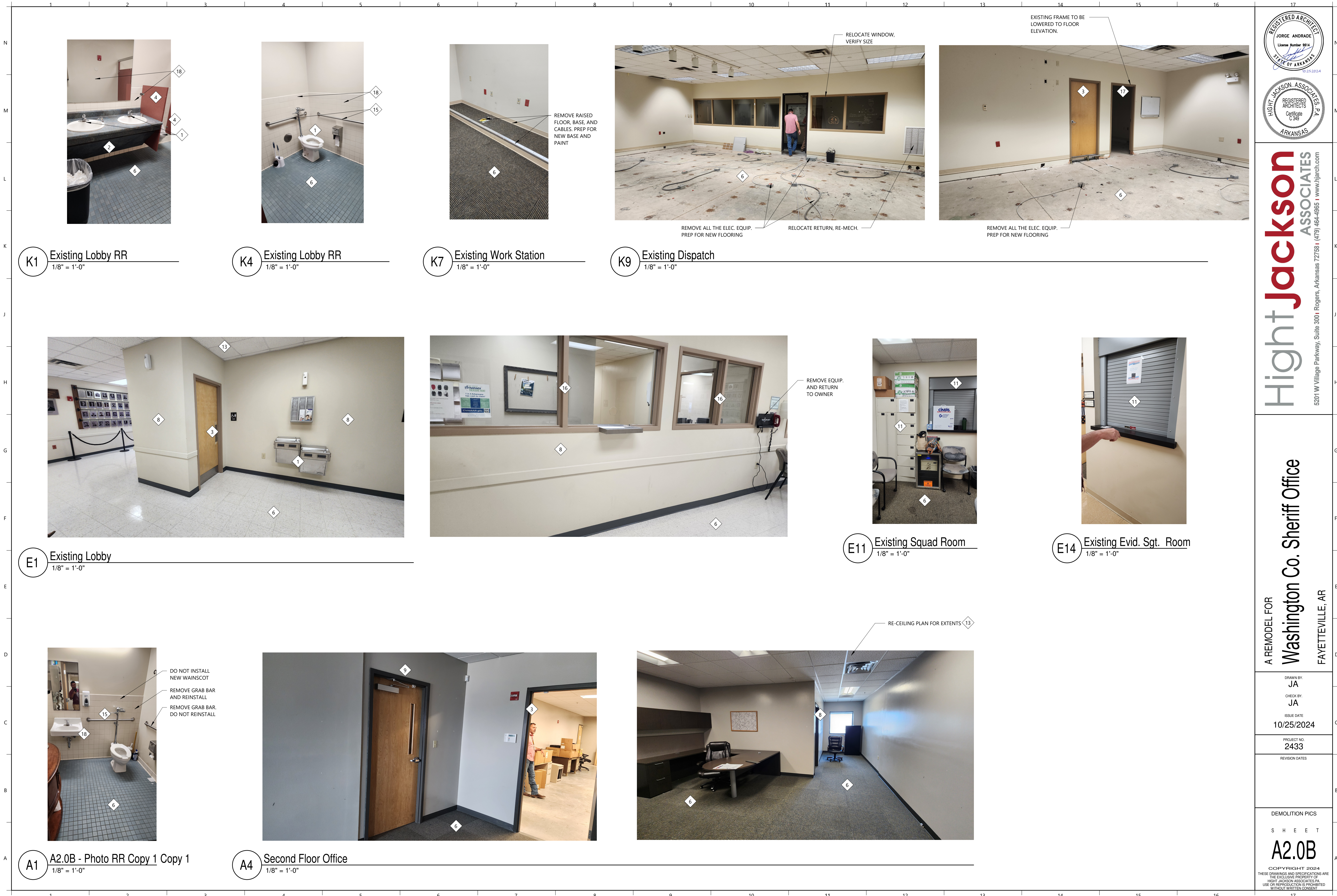
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REVISION DATES

DEMOLITION PLAN  
SHEET  
**A2.0A**  
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DEMOLITION PICS

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A2.0B

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### SYMBOL LEGEND

**A1** Floor Plan  
1/8" = 1'-0" Ref: A1/ A2.2

DRAWING NUMBER BASED ON SHEET GRID  
DRAWING TITLE  
DRAWING SCALE  
BACK REFERENCE TO PARENT DRAWING

**N** NORTH ARROW

**101** ROOM NAME

**100'-0"** ELEVATION MARK IN PLAN

**101'-0"** ELEVATION MARK SECTION AND PLAN

### WALL LEGEND

**WALL AND PARTITION MATERIALS**

- 3 5/8" METAL STUD WALL
- 6" METAL STUD WALL
- 8" CMU BLOCK WALL

### DOOR MARK DIAGRAM

DOOR NUMBER  
DOOR TYPE  
HARDWARE SET (NA=RE-ALLOWANCE)

FRAME TYPE  
FIRE LABEL

**A1/A1.1** SECTION OR DETAIL NUMBER  
**A1/A1.1** SHEET NUMBER

**A1/A1.1** WALL SECTION

**A1/A1.1** DETAIL MARK

**A1/A1.1** ELEVATION MARK SECTION AND ELEVATION

**A1/A1.1** MILLWORK/INTERIOR ELEVATION

### GENERAL NOTES:

- ALL DIMENSIONS ARE TO BE FROM FACE OF STUD OR BLOCK UNLESS NOTED OTHERWISE.
- FURNITURE AND EQUIPMENT SHOWN ON PLANS ARE N.I.C. (NOT IN CONTRACT) U.N.O. (UNLESS NOTED OTHERWISE)
- PROVIDE DEFLECTION TRACK AT ALL NON-LOAD BEARING WALLS THAT EXTEND TIGHT TO STRUCTURE OR ROOF DECK.
- COMPLY WITH THE US DEPARTMENT OF JUSTICE ADOPTED 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN AND THE STATE OF ARKANSAS ADOPTED 2017 ANSI A117.1 STANDARD FOR ACCESSIBLE AND USEABLE BUILDINGS AND FACILITIES THROUGH THE 2021 ARKANSAS FIRE PREVENTION CODE BY THE ARKANSAS STATE FIRE MARSHALL IN REGARDS TO ACCESSIBILITY OR HANDICAPPED FEATURES.

### METAL STUD GAUGES

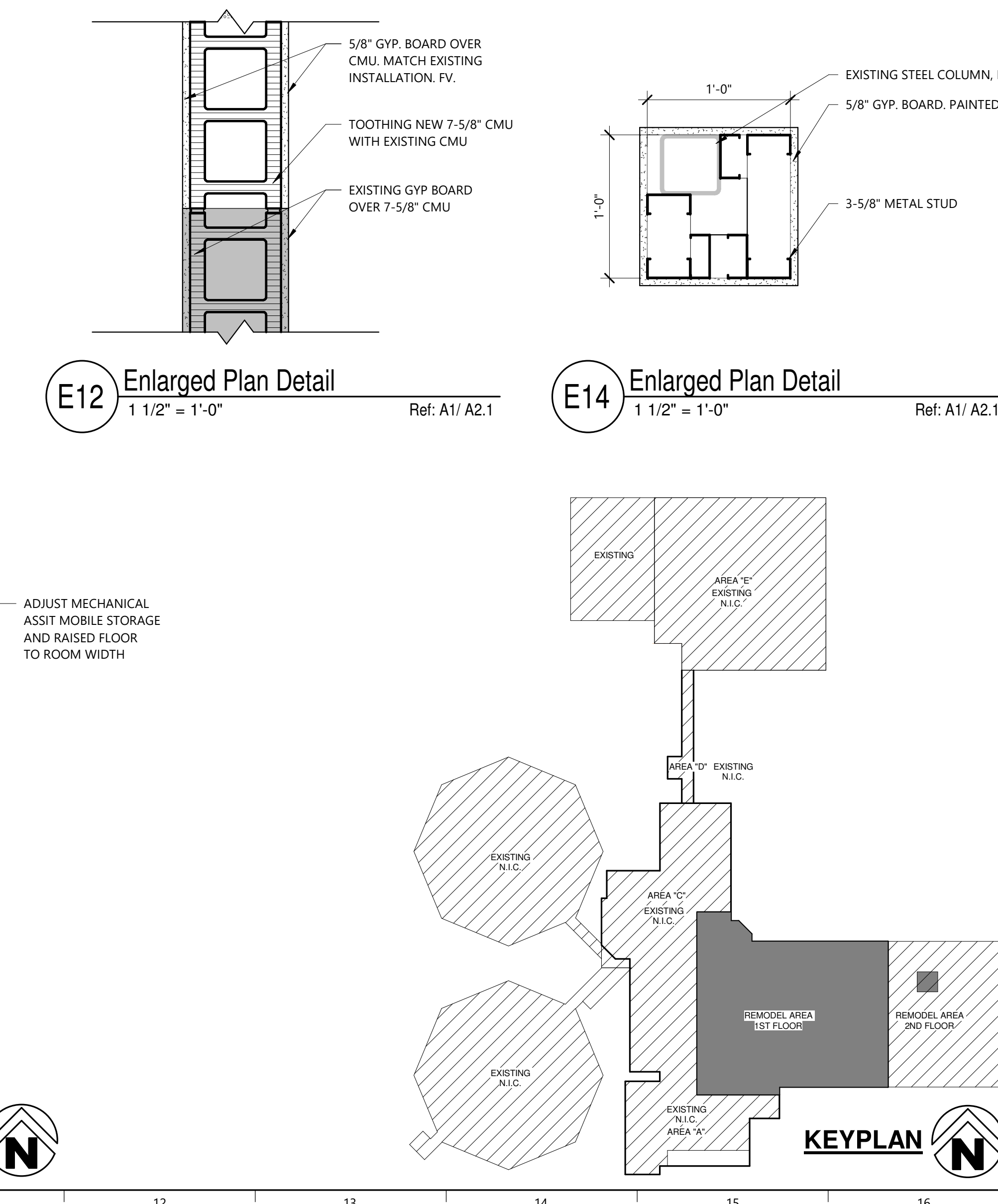
UNLESS NOTED OTHERWISE, MINIMUM STUD GAUGE SHALL BE AS FOLLOWS--- (LENGTH INDICATED IS FOR UNBRACED LENGTH)

**STUD FRAMING FOR CEILING SUPPORT, FURRING, STUD BRACING, ETC.**

- 3 5/8" AND 6" STUD JOIST-- 20 GAUGE CSJ AT 16" ON CENTER.
- STUD BRACING-- 20 GAUGE CSJ STUD.
- PROVIDE CONTINUOUS BRIDGING IN LOAD BEARING STUD WALLS AT 4'-0" O.C. FOR FULL HEIGHT WALL.

**INTERIOR STUD WALLS**

- 6" WALLS TO 24'-0" HIGH- 20 GAUGE DRYWALL STUD AT 16" O.C.
- 6" WALLS FROM 24'-0" TO 26'-0" HIGH- 20 GAUGE CSJ STUD AT 16" O.C.
- 6" WALLS FROM 26'-0" TO 30'-0" HIGH - 16 GAUGE CSJ STUD AT 16" O.C.
- 3-5/8" WALLS TO 13'-0" HIGH - 25 GAUGE DRYWALL STUD AT 16" O.C.
- 3-5/8" WALLS FROM 13'-0" TO 16'-0" HIGH - 20 GAUGE CSJ STUD AT 16" O.C.



**A1** First Floor Plan - Remodel Area  
1/8" = 1'-0"

REGISTERED ARCHITECT  
JORGE ANDRADE  
License Number 9614  
10.28.2024

HIGHT JACKSON ASSOCIATES P.A.  
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Arkansas  
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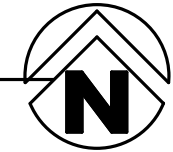
FIRST FLOOR PLAN  
SHEET  
**A2.1**

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**G1** First Floor Demo Reflected Ceiling Plan  
3/32" = 1'-0"



**Reflected Ceiling Plan Legend**

- 0'-0" CEILING HEIGHT FROM FINISHED FLOOR
- GYPSUM BOARD CEILING
- 2"x2" ACOUSTICAL CEILING
- EXISTING BUILDING - NO WORK HERE (U.N.O.)

**NOTE:** REFER TO ENLARGED REFLECTED CEILING PLANS FOR ADDITIONAL FINISHES

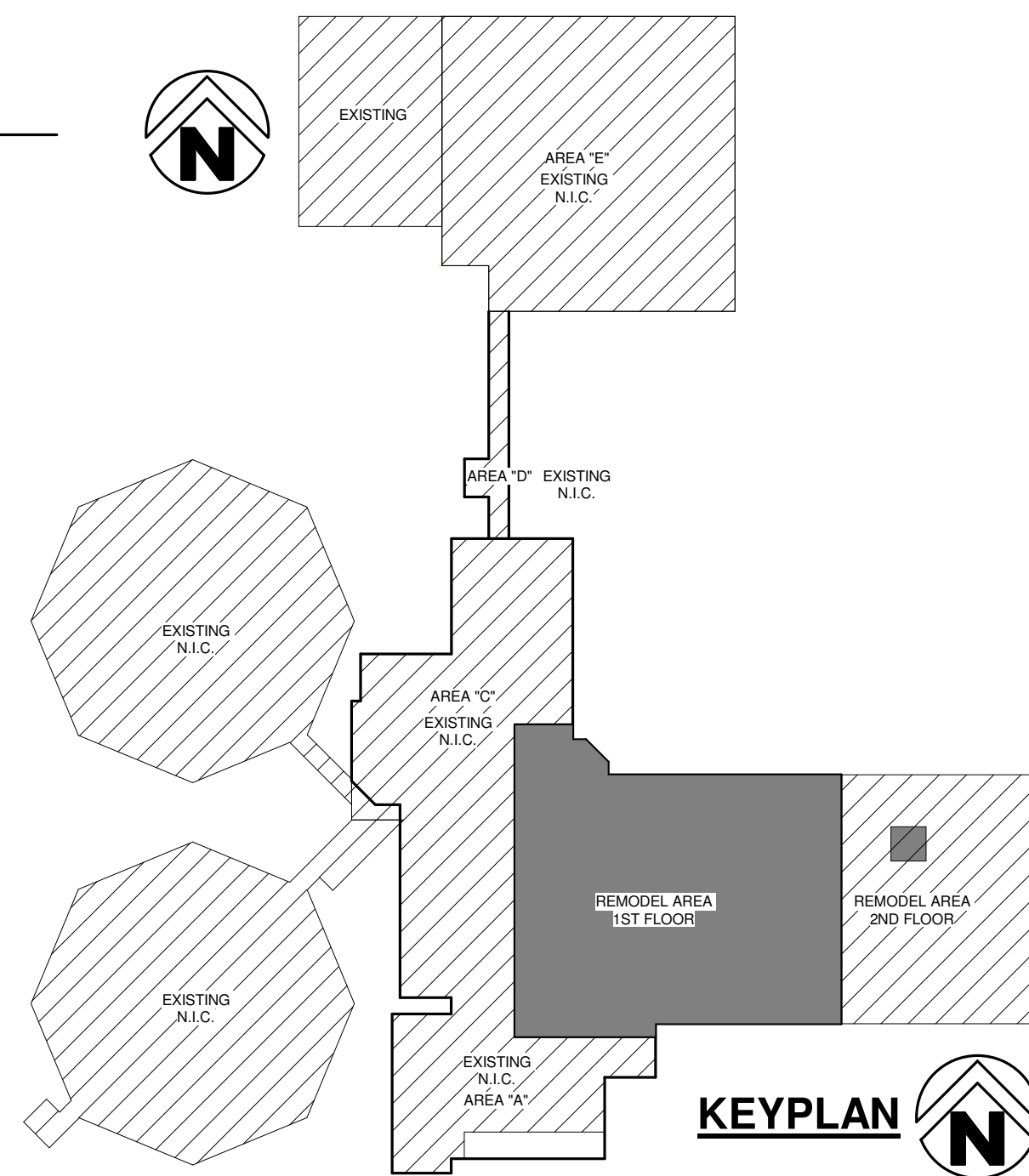
**Reflected Ceiling Plan General Notes:**

PROVIDE 24"x24" MIN. ACCESS PANELS AS NEEDED TO ACCESS TO PIPING, FILTERS, EQUIPMENT, VALVES, ETC. AT GYPSUM BOARD CEILINGS. COORDINATE WITH MECHANICAL, PLUMBING AND ELECTRICAL, TYP.

Demolition Keyed Notes	
#	Description
1	REMOVE PLUMBING FIXTURE AND CAP EXISTING PLUMBING AND SEWER CONNECTION LINES IN CHASE AND BELOW FLOOR SLAB. PATCH OR INFILL AREAS AS REQUIRED.
2	REMOVE MILLWORK AND REPAIR FLOOR AND WALL AS NEEDED FOR NEW CONSTRUCTION AND FINISHING
3	REMOVE EXISTING DOOR AND FRAME. FRAME IN OPENING. PATCH AND PREP FOR NEW PAINT WHERE REQUIRED. REUSE DOOR IF IN GOOD CONDITION.
4	REMOVE ALL TOILET PARTITIONS WALLS, FLOOR FINISH, AND EQUIPMENT FROM WALLS
5	REMOVE EXISTING RESTROOM ACCESSORIES. RETURN TO OWNER IF IN GOOD CONDITION
6	REMOVE FLOOR AND BASE. PREP FLOOR FOR NEW FINISH AND BASE
7	SAW CUT AND REMOVE SECTION OF EXISTING SLABS AS REQUIRED TO INSTALL NEW WORK. PATCH AND REPAIR SLAB AS REQUIRED.
8	REMOVE EXISTING WALL. REMOVE ELECTRICAL, DATA, AND OTHER DEVICES IF IN THE WALL.
9	REMOVE EXISTING DOOR AND FRAME AND WALL. LEAVE 4" OF EXISTING WALL FOR BULKHEAD. PROVIDE ADDITIONAL FRAMING AS REQ.
10	REMOVE SECTION OF WALL AND PREP FOR NEW FRAME AND DOOR. PROVIDE ADDITIONAL FRAMING AS NEEDED. PREP FOR NEW PAINT AS REQ.
11	REMOVE EXISTING PASS THRU EQUIPMENT OR WINDOW AND FRAME. AT CMU, TOOTHIN NEW CMU WALL. VERIFY DEMO OPENING SIZE WITH NEW EQUIPMENT. PROVIDE NEW FURRING AND GYP. BOARD AS REQ. PREP AND PAINT AS REQUIRED.
12	RELOCATE EXISTING MECHANICAL ASSIST MOBILE STORAGE AND RAISED TRACK AND TRANSITION SYSTEM TO NEW PROPERTY ROOM 118. NEW RAISED FLOOR TO BE INSTALLED
13	REMOVE EXISTING CEILING AND FIXTURES. RE-ELEC DEMO PLAN.
14	WHERE WALL WAS REMOVED, PATCH AND PREP FOR NEW PAINT TO MATCH ADJACENT WALL SURFACE. PROVIDE NEW FLOOR BASE AS REQ. TYP.
15	REMOVE EXISTING TOILET GRAB BARS. PATCH, TEXTURE, AND PAINT AS REQUIRED. REINSTALL GRAB BARS AND ACCESSORIES IF IN GOOD CONDITION PER ENLARGED RESTROOM PLANS.
16	REMOVE EXISTING WINDOW FRAME. FRAME IN OPENING. PATCH AND PREP FOR NEW PAINT TO MATCH ADJACENT WALL SURFACE
17	FRAME IN OVERSIZE OPENING. PATCH AND PREP FOR NEW PAINT TO MATCH ADJACENT WALL SURFACE.
18	REMOVE PLUMBING FIXTURE, ACCESSORIES, AND WAINSCOT TILE FROM ALL WALLS. REPAIR/ INSTALL NEW GYP. BOARD. PREP FOR NEW PAINT AND BASE TO MATCH ADJACENT WALL. INSTALL NEW TILE WAINSCOT WHERE CALLED FOR.



**G10** First Floor Reflected Ceiling Plan  
3/32" = 1'-0"



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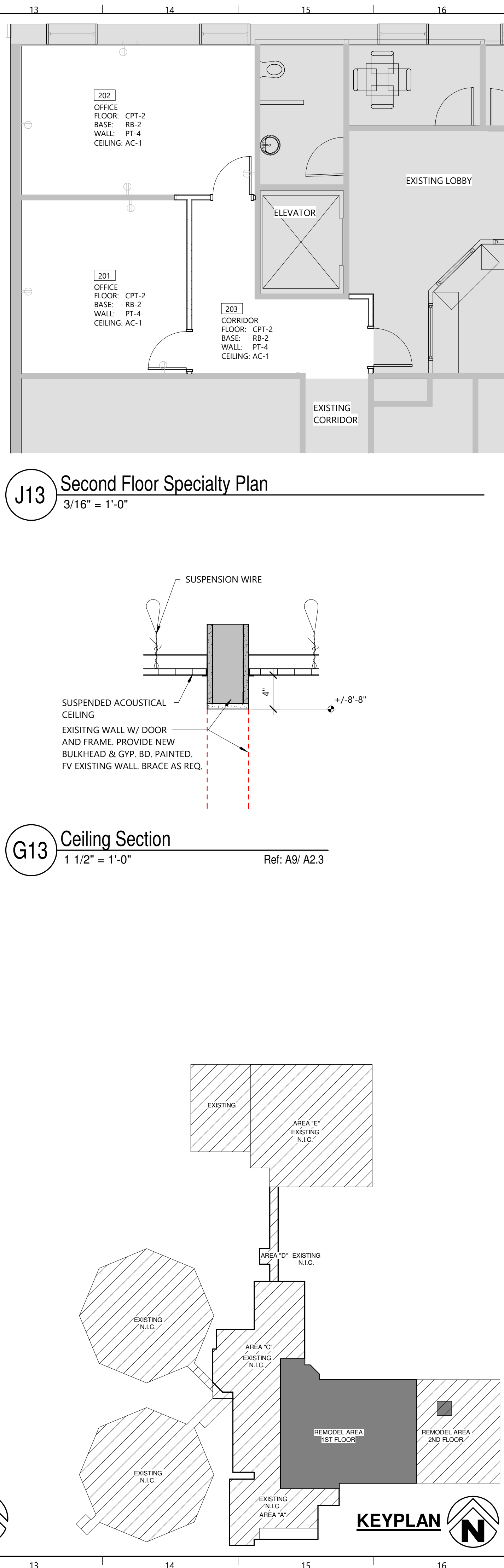
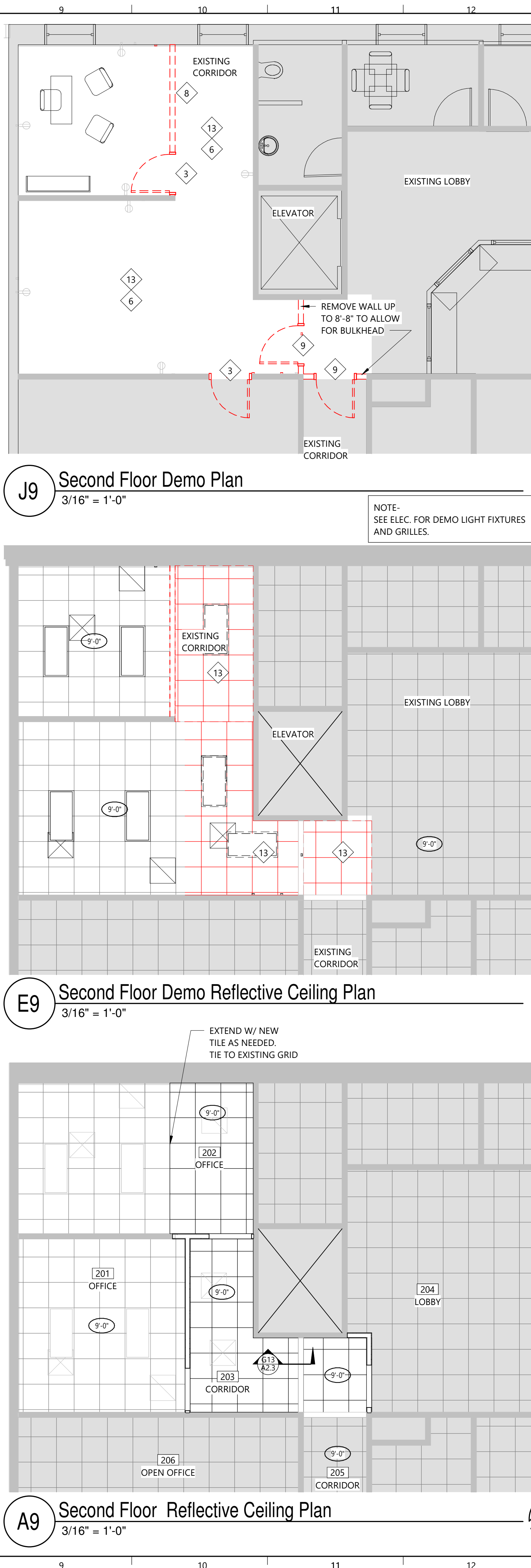
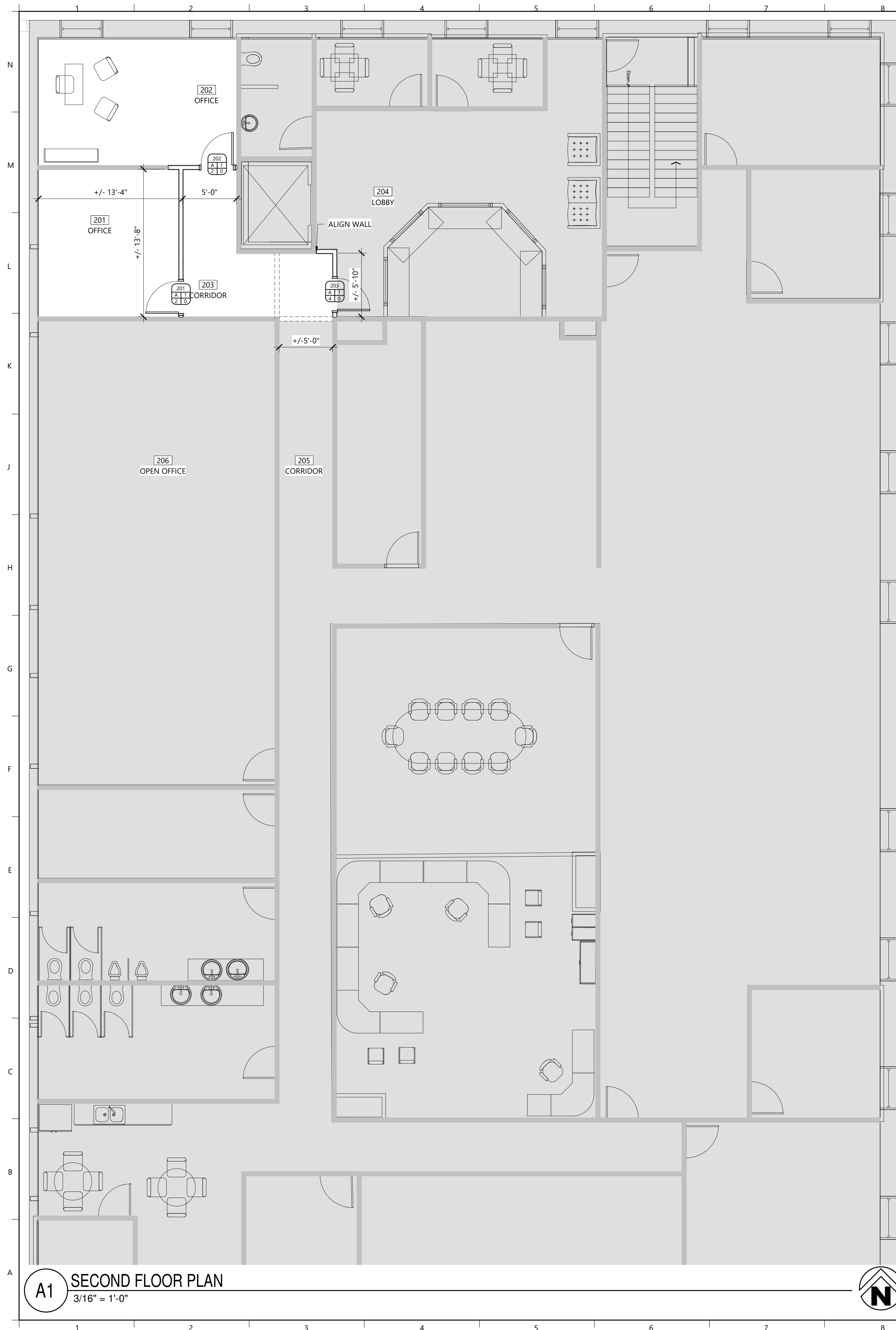
FIRST FLOOR PLAN RCP &  
DEMO RCP

SHEET

**A2.2**

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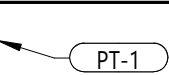
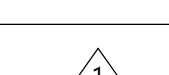
SECOND FLOOR PLAN,  
DEMO PLAN, SPECIALTY  
PLAN, CEILING PLAN,  
CEILING DEMO PLAN

A2.3

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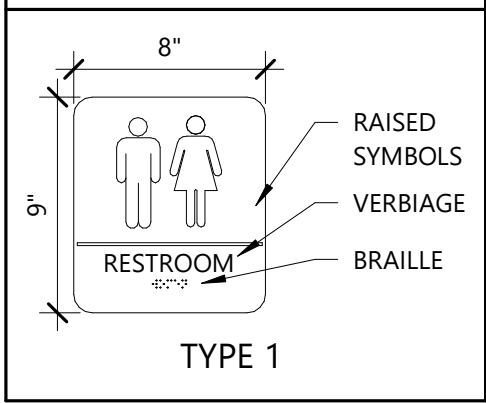
## Specialty Plan Legend

	ACCENT PAINT, RE- FINISH LEGEND
	SIGN TYPE, RE- ROOM SIGNAGE SCHEDULE

### Room Signage Schedule

#	ROOM NAME	DESIGN
1	RESTROOM	TYPE 1

### Sign Design Types

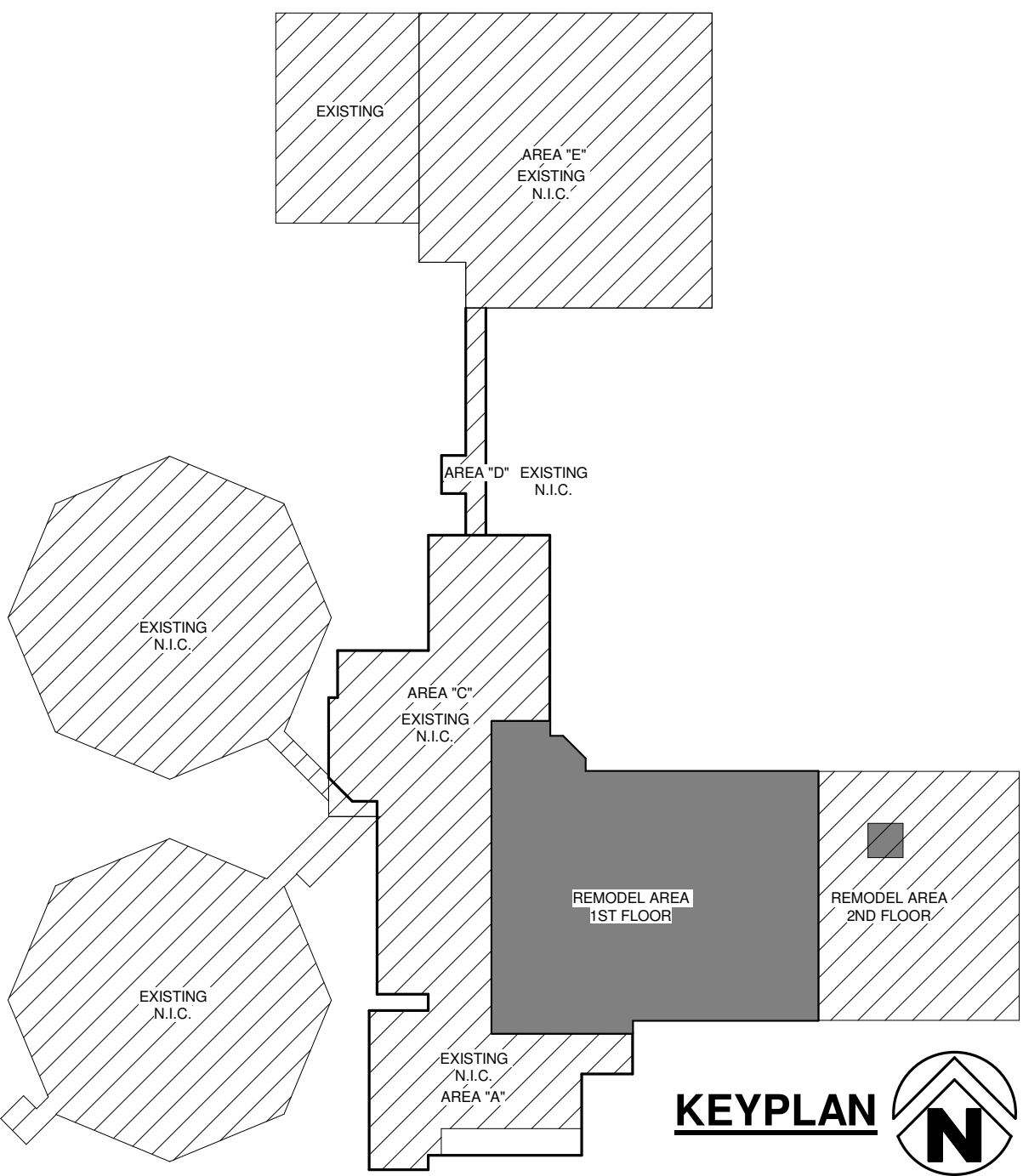


### General Finish Notes

1. PROVIDE 1 LAYER 5/8" TYPE X GYPSUM BOARD AT METAL STUD WALLS, UNLESS OTHERWISE NOTED IN DRAWINGS.
2. PROVIDE ZINC TERMINATION STRIP WHERE EPOXY FLOOR FINISH TRANSITIONS TO ANOTHER FLOOR MATERIAL.
3. REFER TO REFLECTED CEILING PLANS FOR ALL CEILING HEIGHTS AND METAL STUD WITH GYPSUM BOARD HEADWALLS AND FURR DOWN LOCATIONS.
4. PROVIDE 6" THICK UNFACED BATT INSULATION IN ALL CEILINGS ABOVE TOILET AND RESTROOM LOCATIONS.
5. PROVIDE 3 1/2" MINIMUM THICK SOUND ATTENUATION INSULATION IN ALL STUD WALLS SURROUNDING ALL TOILET AND RESTROOM LOCATIONS.
6. PROVIDE 6" THICK UNFACED BATT INSULATION IN WALLS SEPARATING OFFICES FROM OTHER AREAS.
7. PROVIDE A 48" WIDE STRIP OF 6" THICK UNFACED BATT INSULATION ABOVE ALL CEILINGS ON BOTH SIDES OF WALL SEPARATING OFFICES FROM OTHER AREAS.
8. UNLESS NOTED OR SHOWN ON DRAWINGS OTHERWISE, TERMINATE ALL NON-BEARING, NON-RATED PARTITIONS A MINIMUM 6" TO 8" ABOVE HIGHEST ADJACENT CEILINGS.
9. REFER TO REFLECTED CEILING PLANS FOR WALLS THAT MUST EXTEND TO DECK.
10. UNLESS SHOWN OTHERWISE PROVIDE 4" RUBBER BASE AT ALL MILLWORK TOE SPACES.
11. PROVIDE SOLID WOOD BLOCKING IN WALLS FOR MOUNTING CABINETS AND TOILET ACCESSORIES.
12. ALL WALLS TIGHT TO DECK AT PLENUM SPACES TO BE SEALED AIR TIGHT. COORDINATE LOCATIONS WITH MECHANICAL.
13. PROVIDE TRANSITION STRIP AS SPECIFIED WHERE CARPET TRANSITIONS TO A DIFFERENT FLOOR MATERIAL.
14. REFER TO ELECTRICAL DRAWINGS FOR ALL ELECTRICAL OUTLETS AND SWITCH LOCATIONS. COORDINATE ALL ELECTRICAL OUTLETS AND SWITCHES WITH MILLWORK.
15. FLOOR MATERIAL TRANSITIONS AT DOOR WAYS SHALL HAPPEN BELOW DOOR LEAF IN CLOSED POSITION.
16. AT WALLS WITH INSULATION THAT ONLY HAVE GYPSUM BOARD ON ONE SIDE OF THE WALL PROVIDE METAL STRAPPING TO SECURE THE INSULATION IN PLACE.
17. REFER TO SPECIALTY PLANS FOR DETAILED FINISH INFORMATION, COLORS, & ACCENT WALLS NOT FOUND IN FINISH SCHEDULE.
18. ALL HOLLOW METAL DOORS AND FRAMES TO BE PAINTED PT-XXX, INTERIOR AND EXTERIOR.

### Finish Legend

BASE			
BASE	PB	PORCELAIN COVE BASE	DALTILE VOLUME 1.0 COLOR REVERB ASH, 12"x24" GLAZED CERAMIC TILE
BASE	RB-1	RUBBER BASE	TARKETT 129 SILK WB
BASE	RB-2	RUBBER BASE	TARKETT TA4 GATEWAY WB
CEILING			
CEILING	AC-1	2' X 2' ACOUSTICAL CEILING TILE	WHITE SUSPENDED ACOUSTICAL CEILING
CEILING	PT-X	PAINTED GYPSUM BOARD	"X" REPRESENTS PAINT NUMBER FROM THE PAINT COLOR LISTED, DRY FALL
FLOORS			
FLOORS	CPT-1	CARPET TILE, 24"x24"	TBD
FLOORS	CPT-2	CARPET TILE, 24"x24"	TBD
FLOORS	PTF	FLOOR TILE 12"x24"	DALTILE VOLUME 1.0 COLOR REVERB ASH, 12"x24" GLAZED CERAMIC TILE. MINIMAL GROUT JOINT
MILLWORK			
MILLWORK	SS-1	SOLID SURFACE COUNTERTOP	WILSONART TBD
MILLWORK	TFL-1	THERMALLY FUSED LAMINATE (MELAMINE) CABINET BODY	WILSONART TBD
OTHER			
OTHER	DOORS	WOOD DOORS	SPECIES: FINISH MATCH EXISTING
PAINT			
PAINT	PT-1	PAINT, WALLS	SHERWIN WILLIAMSCOLOR: SW7526 MAISON BLANCHE
PAINT	PT-2	PAINT, HM DOOR FRAME	SHERWIN WILLIAMSCOLOR: SW6102 PORTABELLO
PAINT	PT-3	PAINT, ACCENT WALL	SHERWIN WILLIAMS COLOR: SW9130 EVERGREEN FOG
PAINT	PT-4	PAINT, WALLS SECOND FLOOR	SHERWIN WILLIAMS COLOR: SW7022 ALPACA
PAINT	PT-5	PAINT, HM DOOR FRAME SECOND FLOOR	SHERWIN WILLIAMS COLOR: SW7048 URBANE BRONZE
WALLS			
WALLS	EP-X	EPOXY PAINTED GYP. BD.	"X" REPRESENTS PAINT NUMBER FROM THE PAINT COLOR LISTED
WALLS	PT-X	PAINTED GYP. BD. AND ACCENT WALL	"X" REPRESENTS PAINT NUMBER FROM THE PAINT COLOR LISTED
WALLS	WT-1	WALL TILE	DALTILE "WHEEL LINEAR", MATTE ARCHITECTURAL GRAY 8"x24" CERAMIC TILE, MATTE



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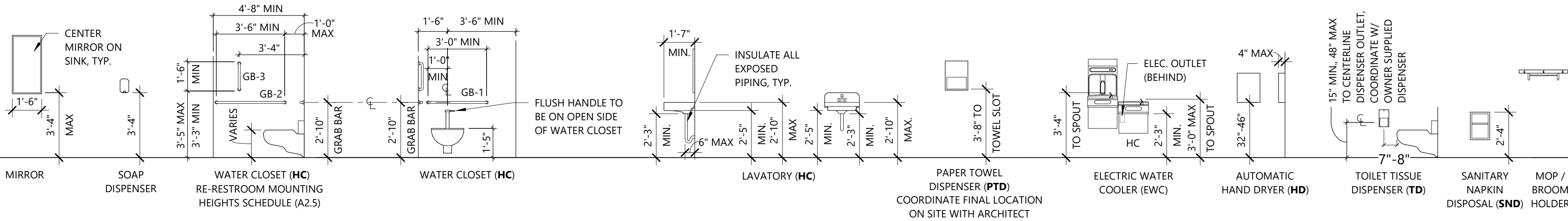
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FIRST FLOOR SPECIALTY  
PLAN  
SHEET  
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Typical A.D.A. Reference Diagram



GENERAL NOTES:

1. PROVIDE INSULATION AT ALL EXPOSED HOT WATER AND DRAIN PIPES.
- ABBREVIATIONS:
- GB-1: 3'-0" GRAB BAR
  - GB-2: 3'-6" GRAB BAR
  - GB-3: 18" GRAB BAR
  - HC: A.D.A. ACCESSIBLE HEIGHT

Schedule of Special Mounting Heights / Location

		WATER CLOSET (CENTERLINE FROM WALL)	TOILET SEAT HEIGHT	GRAB BAR HEIGHT	TISSUE DISPENSER HEIGHT	LAVATORY/ WASH FOUNTAIN (TO RIM)	LAVATORY KNEE CLEARANCE	URINAL TO RIM	MIRROR (BOT. EDGE)
ADULT	(HC) HANDICAP ACCESSIBLE	18"	17"	34"	19"	34"	27"	17"	40"

Schedule of Mounting Heights

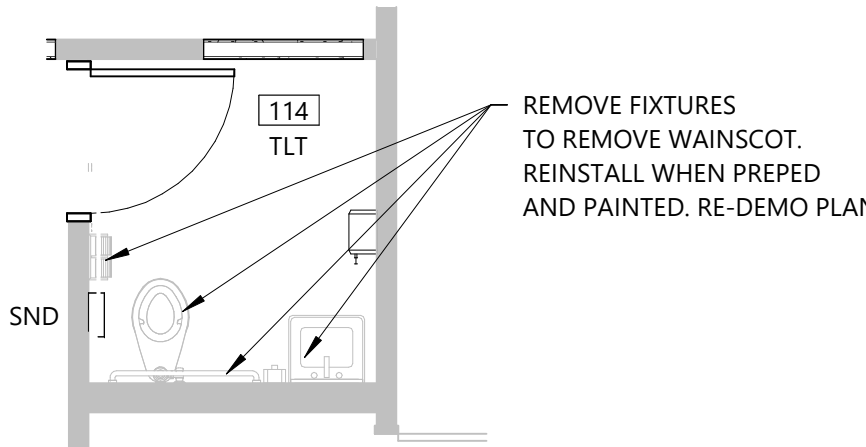
FIXTURE or ACCESSORY	DIM	REMARKS
ADULT STANDARD AND HANDICAP		
GRAB BARS	34"	TO CENTERLINE
MIRRORS (STANDARD)	40"	TO BOTTOM OF REFLECTIVE SURFACE
MIRRORS (ACCESSIBLE)	40"	TO BOTTOM OF REFLECTIVE SURFACE
PAPER TOWEL DISPENSER (PTD)	44"	TOWEL SLOT
SANITARY NAPKIN DISPOSAL (SND)	28"	TO TOP
SOAP DISPENSERS (SD)	40"	TO BOTTOM/AT 6" BACKSPLASH
TOILET TISSUE DISPENSERS (TD)	19"	TO CENTERLINE
TOWEL HOOK	48"	TO CENTERLINE
ELECTRIC WATER COOLER (EWC)	36" & 40"	TO SPOUT, 27" KNEE CLEAR, 9" TOE CLEAR, RE-PLUMB
SHOWER CURTAIN ROD	80"	TO CENTERLINE
FIRE SAFETY		
FIRE EXTINGUISHER	48"	TO HANDLE
SIGNAGE		
SIGNAGE (UNO)	60"	TO TOP
ELECTRICAL CONTROLS		
ELECTRICAL RECEPTACLE (UNO)	18"	TO CENTERLINE
ELECT RECEPTACLE ABOVE COUNTER	44"	TO CENTERLINE
LIGHT SWITCH (UNO)	48"	TO CENTERLINE (COORDINATE W/ OWNER)
THERMOSTAT (UNO)	48"	TO CENTERLINE
OTHER CONTROL DEVICES (UNO)	48"	TO CENTERLINE
UNO - "UNLESS NOTED OTHERWISE"		

Legend

EWC	ELECTRIC WATER COOLER
FD	FLOOR DRAIN
GB	GRAB BAR
HC	HANDICAP
PTD	PAPER TOWEL DISPENSER (BY OWNER)
SD	SOAP DISPENSER (BY OWNER)
SND	SANITARY NAPKIN DISPOSAL (BY OWNER)
TD	TISSUE DISPENSER (BY OWNER)
MI	MIRROR

Toilet Accessory Notes

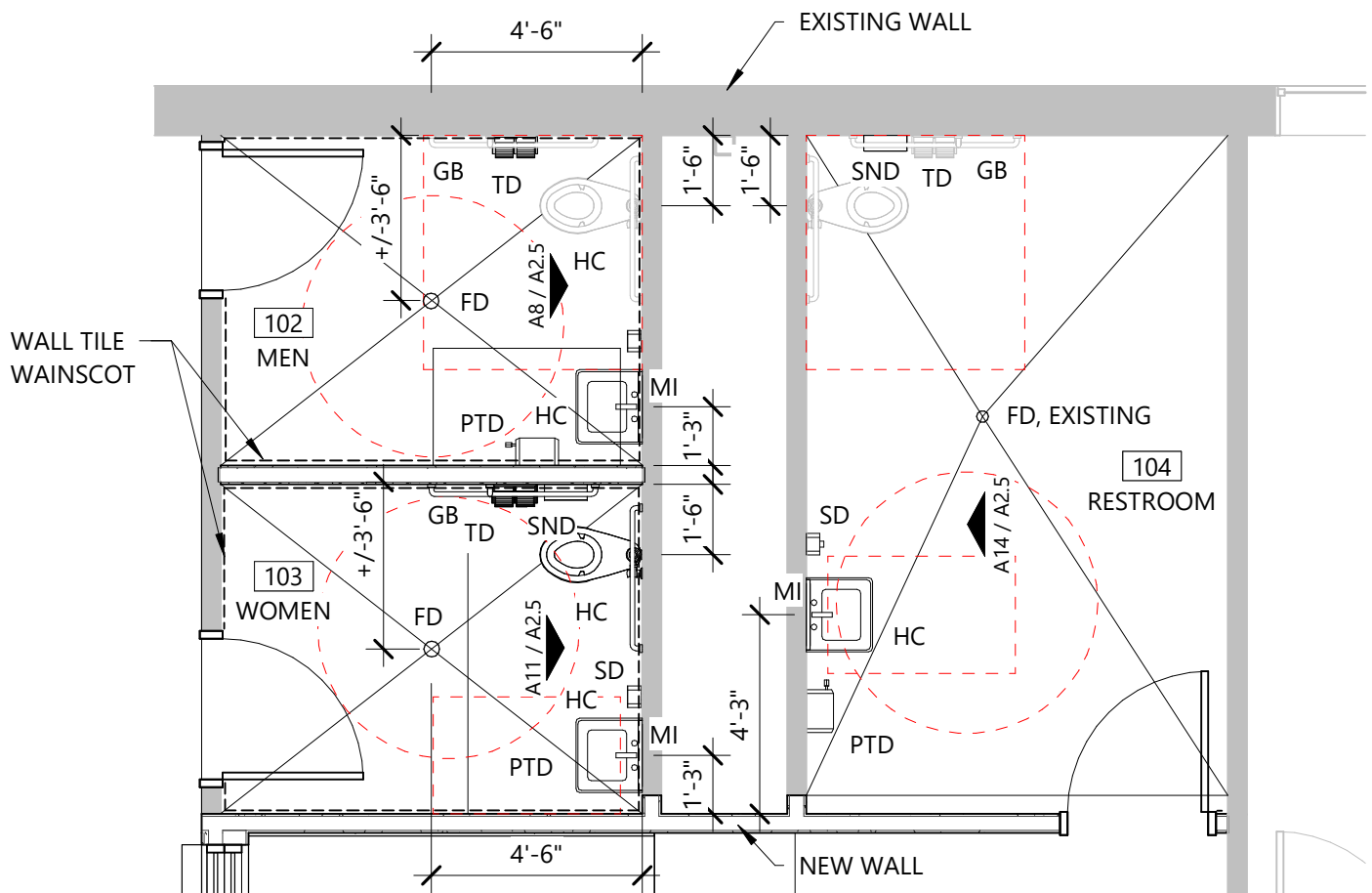
1. PROVIDE SOLID BLOCKING AT STUD WALLS FOR ATTACHMENT OF TOILET ACCESSORIES
2. PROVIDE MIRRORS ABOVE ALL RESTROOM LAVATORIES. MIRROR TO BE 18" X 36" FRAMED MIRRORS U.N.O., RE-- SPECS.
3. REFER TO SPECIFICATION SECTION 10 28 13 FOR TOILET ACCESSORIES FURNISHED BY THE OWNER AND INSTALLED BY THE CONTRACTOR
4. PROVIDE SOLID WOOD BLOCKING IN ALL METAL STUD WALLS 3'-0" TO EACH SIDE OF SINK CENTERLINE AT ALL COUNTER MOUNTED SINK LOCATIONS
5. ALL PLUMBING FIXTURE MOUNTING HEIGHTS AND CLEARANCES NOTED TO BE ACCESSIBLE SHALL CONFORM WITH ALL AMERICANS WITH DISABILITIES ACT REGULATIONS. ALL CONFLICTS BETWEEN DRAWINGS AND INSTALLATION SHALL BE REPORTED TO ARCHITECT PRIOR TO INSTALLATION



F11 Enlarged Restroom Plan

1/4" = 1'-0"

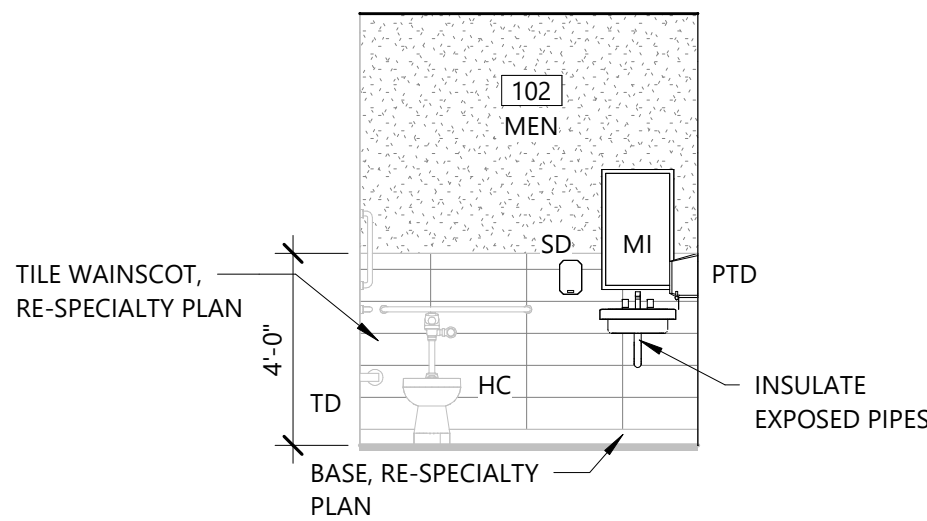
Ref: A1/ A2.1



F14 Enlarged Restroom Plan

1/4" = 1'-0"

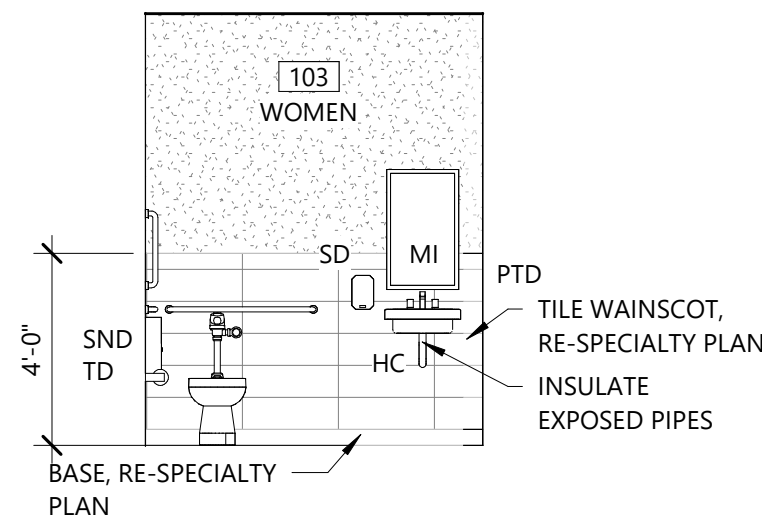
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A8 Restroom Elevation

1/4" = 1'-0"

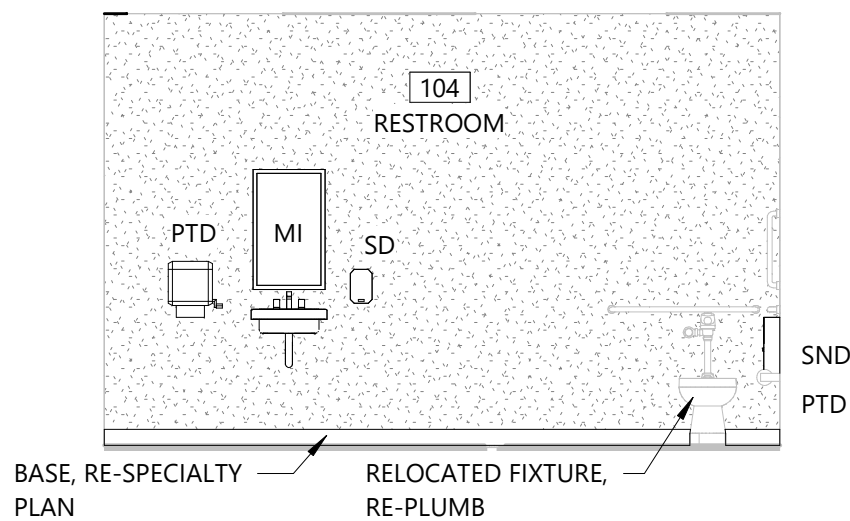
Ref: F14/ A2.5



A11 Restroom Elevation

1/4" = 1'-0"

Ref: F14/ A2.5



A14 Restroom Elevation

1/4" = 1'-0"

Ref: F14/ A2.5

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ENLARGED RESTROOM PLANS

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A2.5

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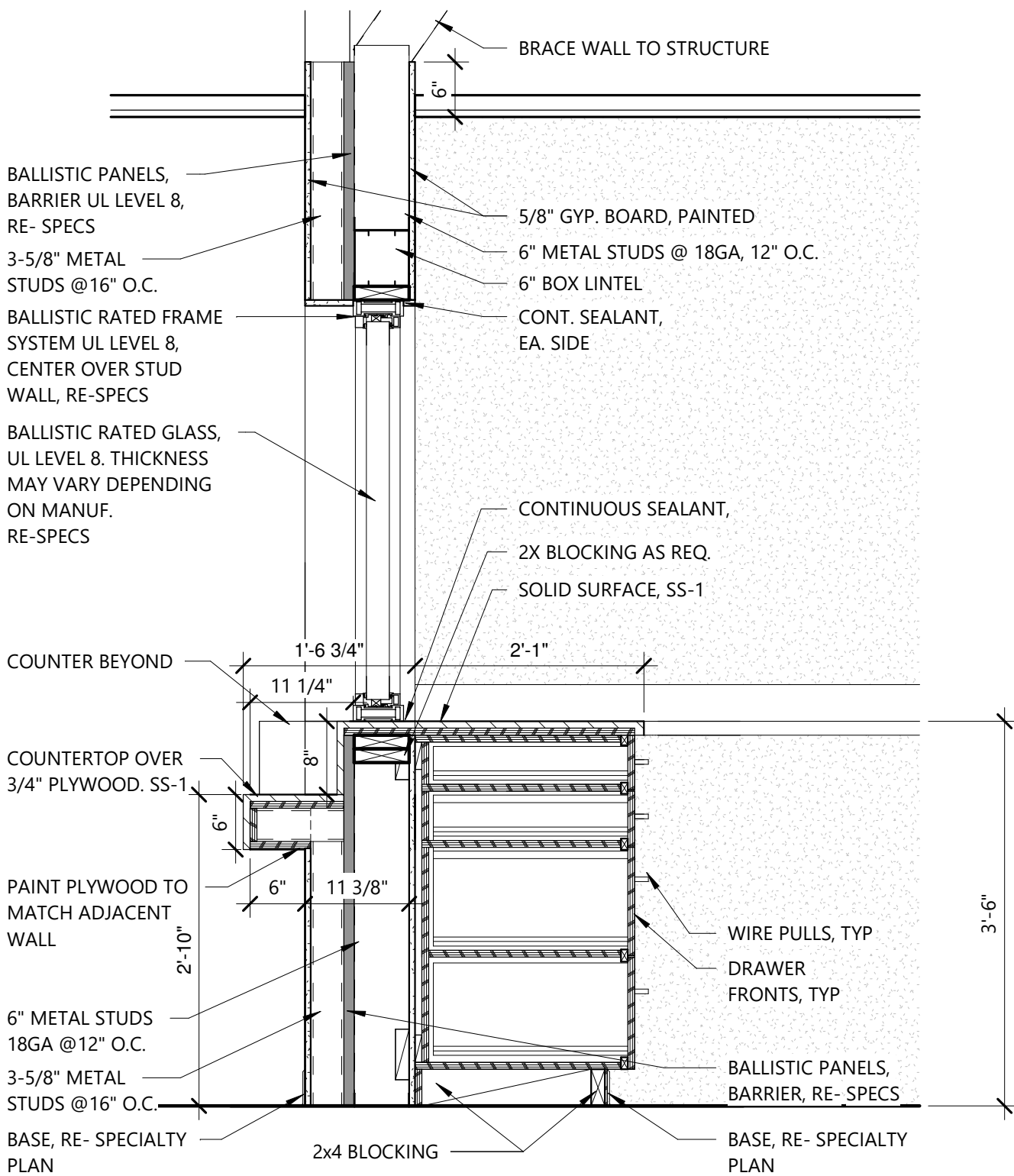
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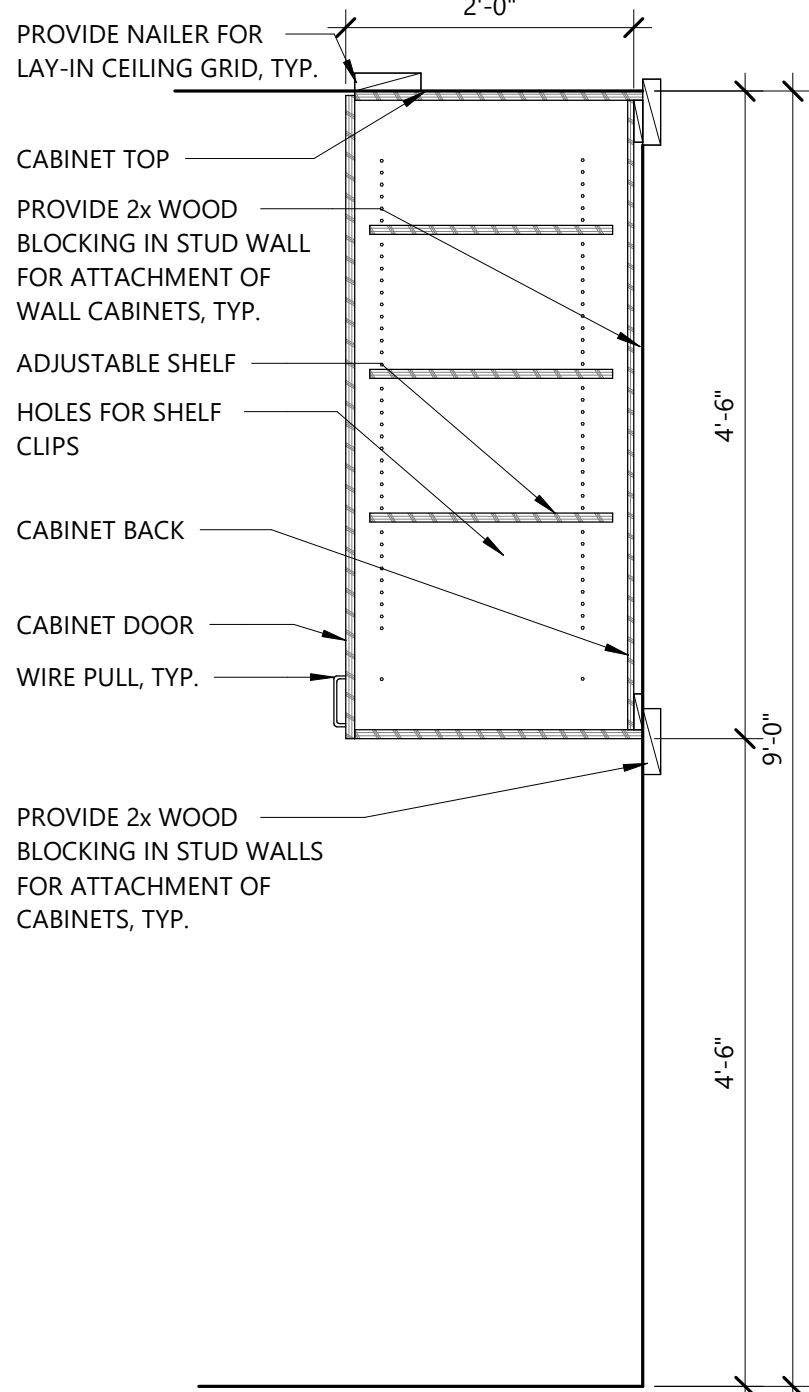
L1 Millwork Elevation  
1/4" = 1'-0"

Ref: 1/ A2.4



F1 Millwork Section  
3/4" = 1'-0"

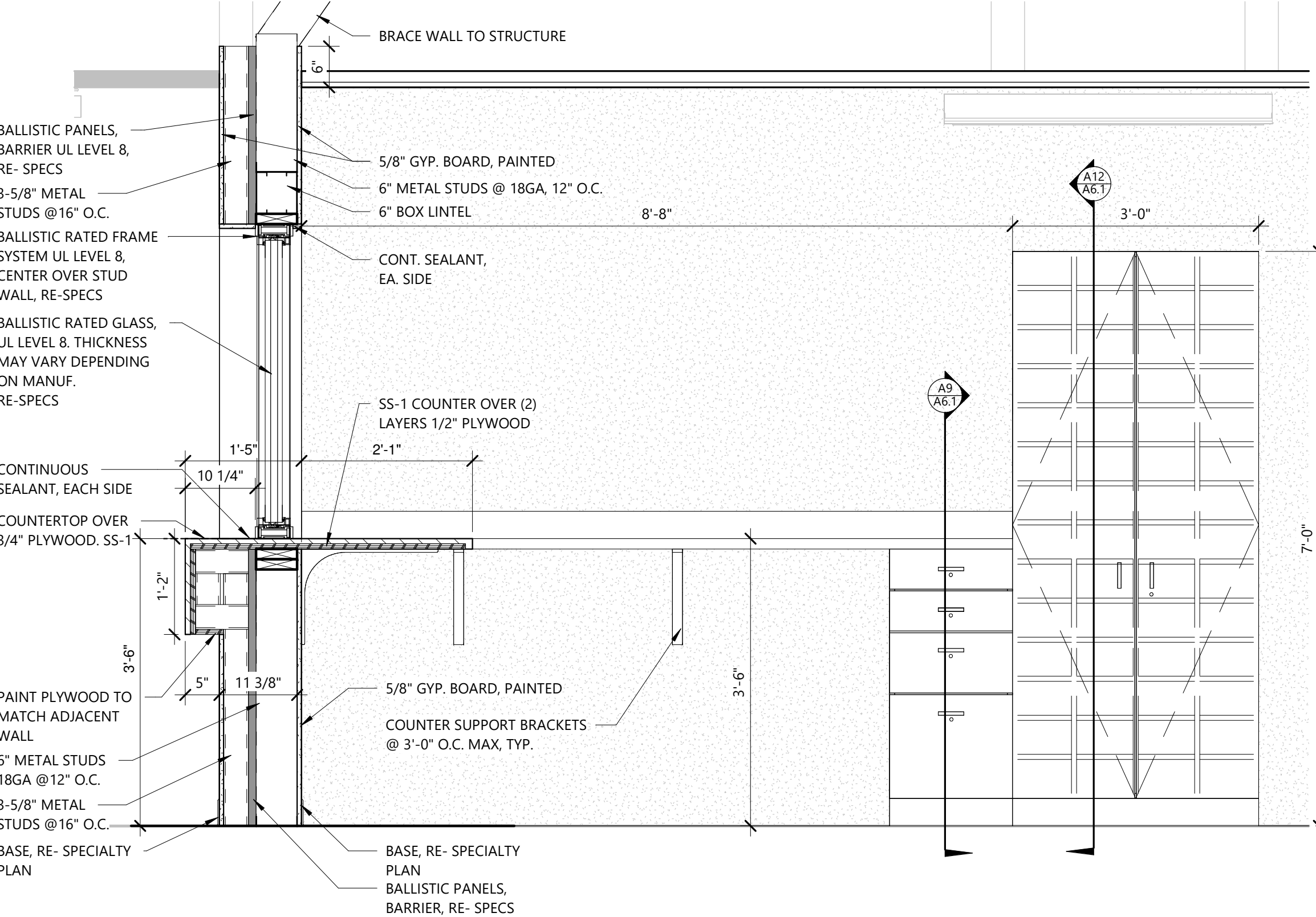
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A4 Millwork Section  
3/4" = 1'-0"

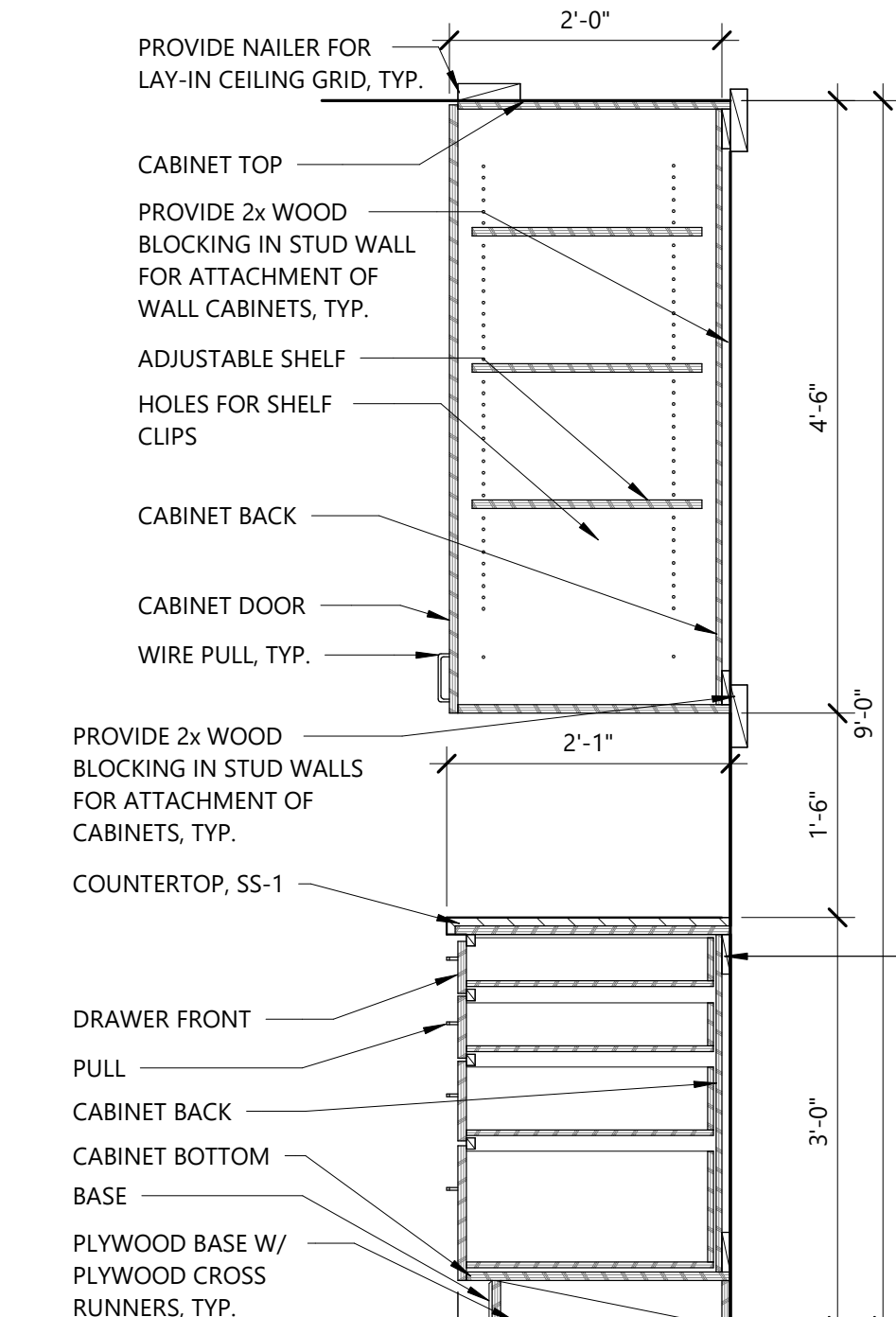
L5 Wall Elevation  
1/4" = 1'-0"

Ref: 1/ A2.4



F5 Millwork Section  
3/4" = 1'-0"

Ref: L9/ A6.1

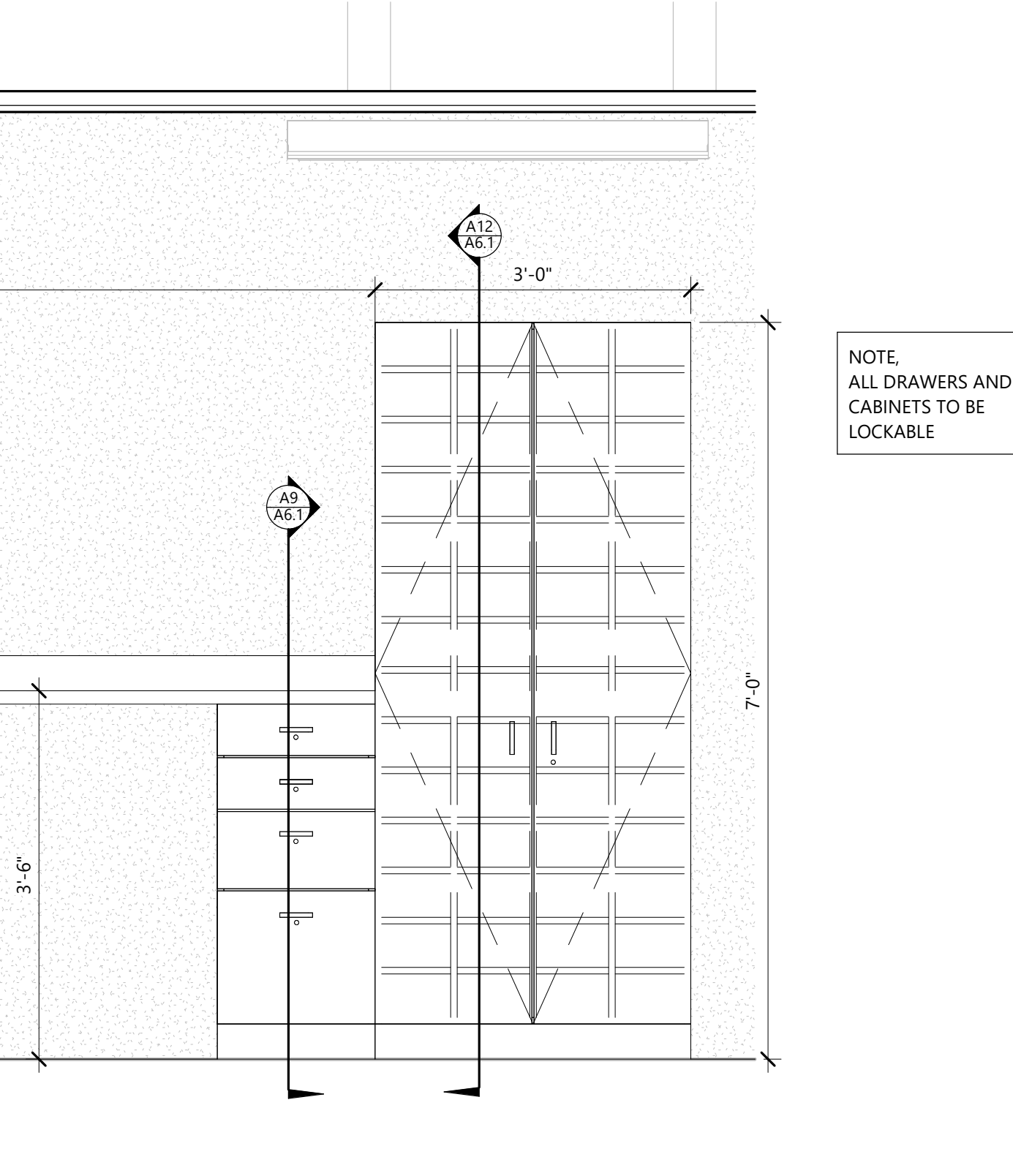


A7 Millwork Section  
3/4" = 1'-0"

NOTE: DO NOT ATTACH BASE CABINET TO THE WALL

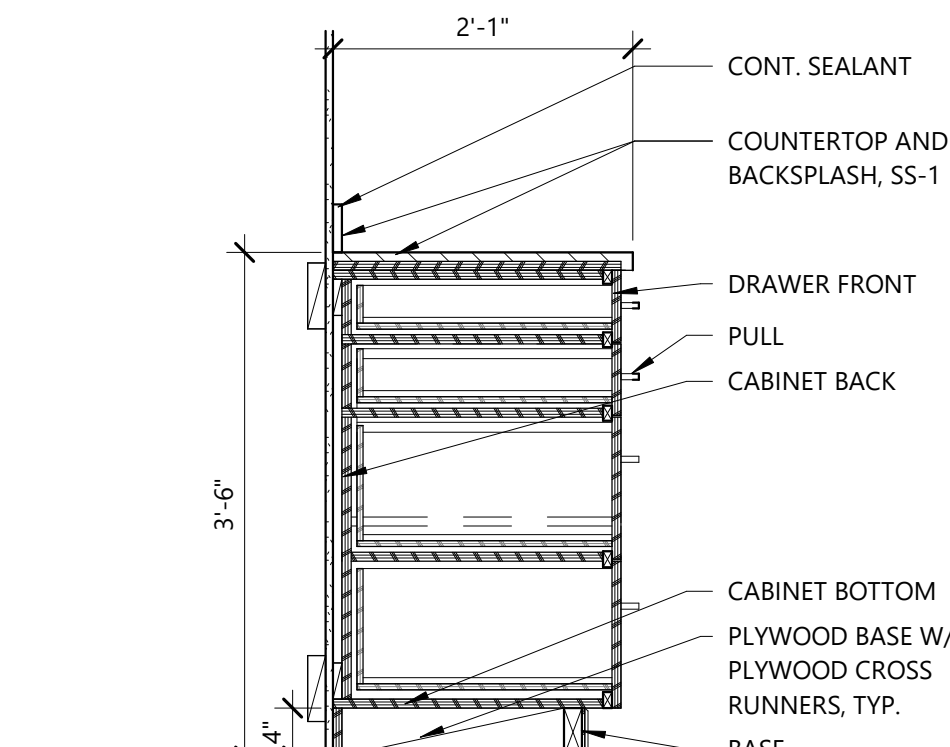
L9 Millwork Elevation  
1/4" = 1'-0"

Ref: 1/ A2.4



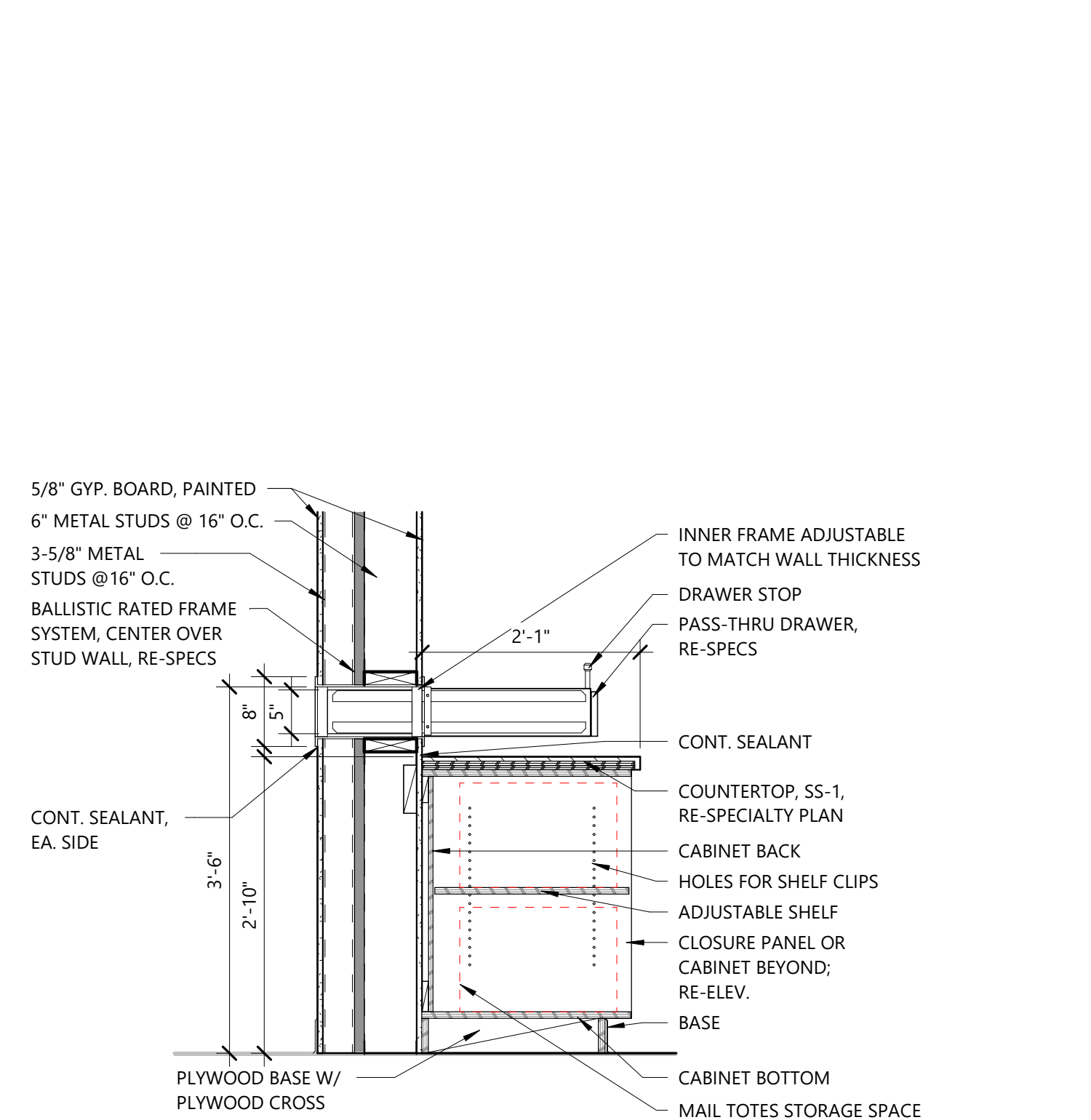
A9 Millwork Section  
3/4" = 1'-0"

Ref: F5/ A6.1



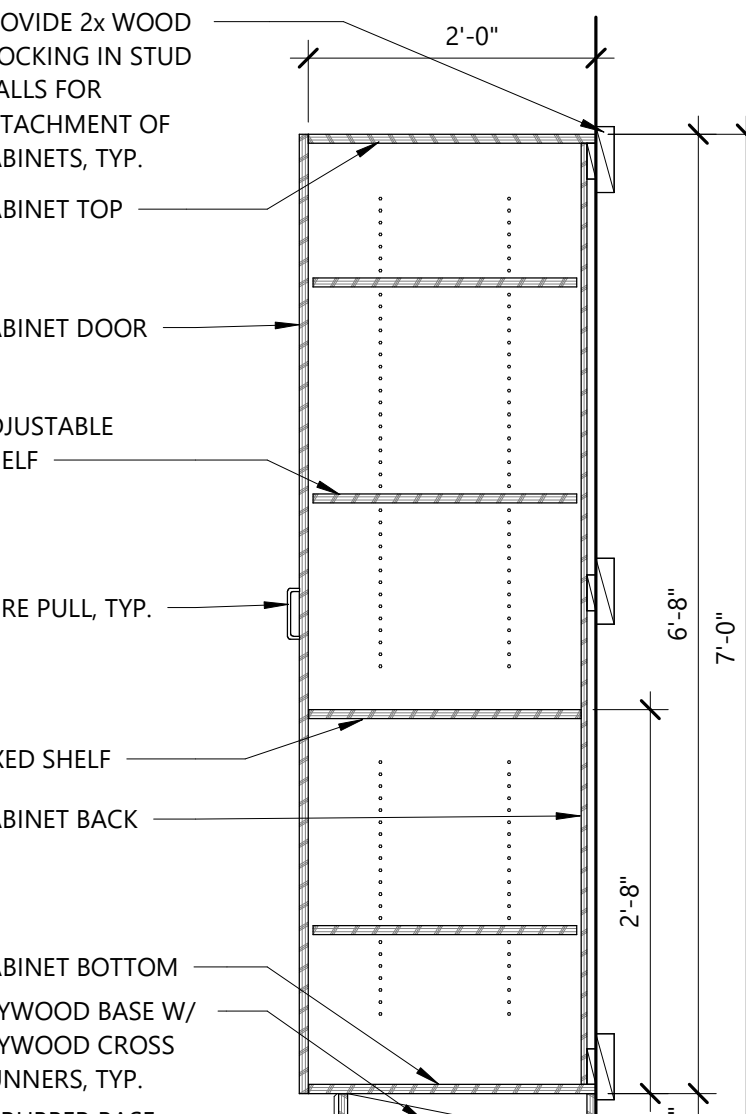
L13 Millwork Elevation  
1/4" = 1'-0"

Ref: 1/ A2.4



F12 Millwork Section  
3/4" = 1'-0"

Ref: L9/ A6.1



A12 Millwork Section  
3/4" = 1'-0"



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GENERAL PLUMBING NOTES

- ALL PLUMBING MATERIALS AND INSTALLATION SHALL COMPLY WITH THE ARKANSAS STATE PLUMBING CODE, LATEST EDITION.
- INSTALL ALL DOMESTIC HOT AND COLD WATER PIPING AS PER STATE AND LOCAL CODES.
- INSULATE ABOVE GRADE CONCEALED DOMESTIC HOT AND COLD WATER LINES PER SPECIFICATIONS, SECTION 22.01.14.
- INSTALL DEEP SEAL TRAPS AT ALL DRAIN CONNECTIONS.
- WHERE FIRE RATED PARTITIONS OR FLOORS OCCUR, ALL FLOOR TO FLOOR AND ROOM TO ROOM PENETRATIONS SHALL BE PROPERLY FIRE SEALED WITH U.L. LISTED AND CLASSIFIED FIRE CAULK OR FIRE SEALED BY USING AN APPROVED FIRE SLEEVE METHOD WHICH MEETS U.L. REQUIREMENTS. ALL OTHER PENETRATIONS OF RATED CHASES OR WALLS SHALL BE PROPERLY FIRE SEALED AND WHERE EXTENDING THROUGH SUCH RATED SURFACE SHALL BE A RATED FIRE STOP PENETRATION. ALL FIRE STOPPING, FIRE CAULKING AND FIRE SLEEVEING OR OTHER FIRE SEALING SHALL BE ACCEPTABLE BY THE LOCAL AUTHORITIES AND SHALL BEAR THE U.L. SEAL.
- INSTALL DOMESTIC WATER LINES TIGHT AGAINST BUILDING ROOF STRUCTURE.
- ALL MECHANICAL INSTALLATIONS SHALL CONFORM TO THE LATEST ACCEPTABLE ARKANSAS STATE MECHANICAL CODE.
- ALL WATER AND SEWER LINE MATERIALS AND INSTALLATION METHODS SHALL BE IN ACCORDANCE WITH THE CITY OF FAYETTEVILLE STANDARD SPECIFICATIONS FOR PUBLIC WORK CONSTRUCTION AS WELL AS THE ARKANSAS STATE PLUMBING CODE.
- CONTRACTOR SHALL PROVIDE "AS BUILT" DRAWINGS OF ALL PLUMBING AND PIPING SYSTEMS UPON COMPLETION OF THE PROJECT.
- THE CONTRACTOR SHALL FAMILIARIZE HIMSELF WITH THE DRAWINGS, THE BUILDING SITE, AND OTHER INFORMATION PRESENTED FOR THE CONSTRUCTION OF THIS PROJECT. IF CONTRACTOR HAS QUESTIONS REGARDING ASSEMBLIES OR LAYOUTS WITH THE PROJECT HE SHALL MAKE THEM KNOWN TO THE ENGINEER IN WRITING PRIOR TO BIDDING THE PROJECT. CLAIMS MADE SUBSEQUENT TO THE BID WILL NOT BE ACCEPTED IF IT IS DETERMINED THAT PROPER FAMILIARIZATION COULD HAVE AVOIDED SUCH CLAIM.
- COMPLY WITH STATE OF ARKANSAS ADOPTED ADA ACCESSIBLE GUIDELINES IN REGARD TO ACCESSIBLE FEATURES.
- PROVIDE DRIP PAN FOR ENTIRE LENGTH OF PIPE WHERE PIPE MUST BE INSTALLED ABOVE ELECTRICAL EQUIPMENT.
- MECHANICAL CONTRACTOR MUST REVIEW ALL ARCHITECTURAL DRAWINGS FOR EXACT LOCATION OF PLUMBING FIXTURES, ROOF, OVERFLOW AND FLOOR DRAINS. IF PLUMBING FIXTURES OR DRAINS ARE SHOWN ON THE ARCHITECTURAL DRAWINGS THEY MUST BE INCLUDED IN THE CONTRACT EVEN IF NOT SHOWN ON THE MECHANICAL DRAWINGS.
- DO NOT SCALE DIRECTLY FROM THE PLUMBING DRAWINGS. REFER TO ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONAL INFORMATION.
- ALL PLUMBING SANITARY WASTE AND VENT PIPING INSTALLED IN FIRE RATED WALLS OR PLENUM RETURN AIR SYSTEMS SHALL BE CAST IRON. REFER TO ARCHITECTURAL PLANS FOR LIFE SAFETY INFORMATION.

PLUMBING KEYED NOTES

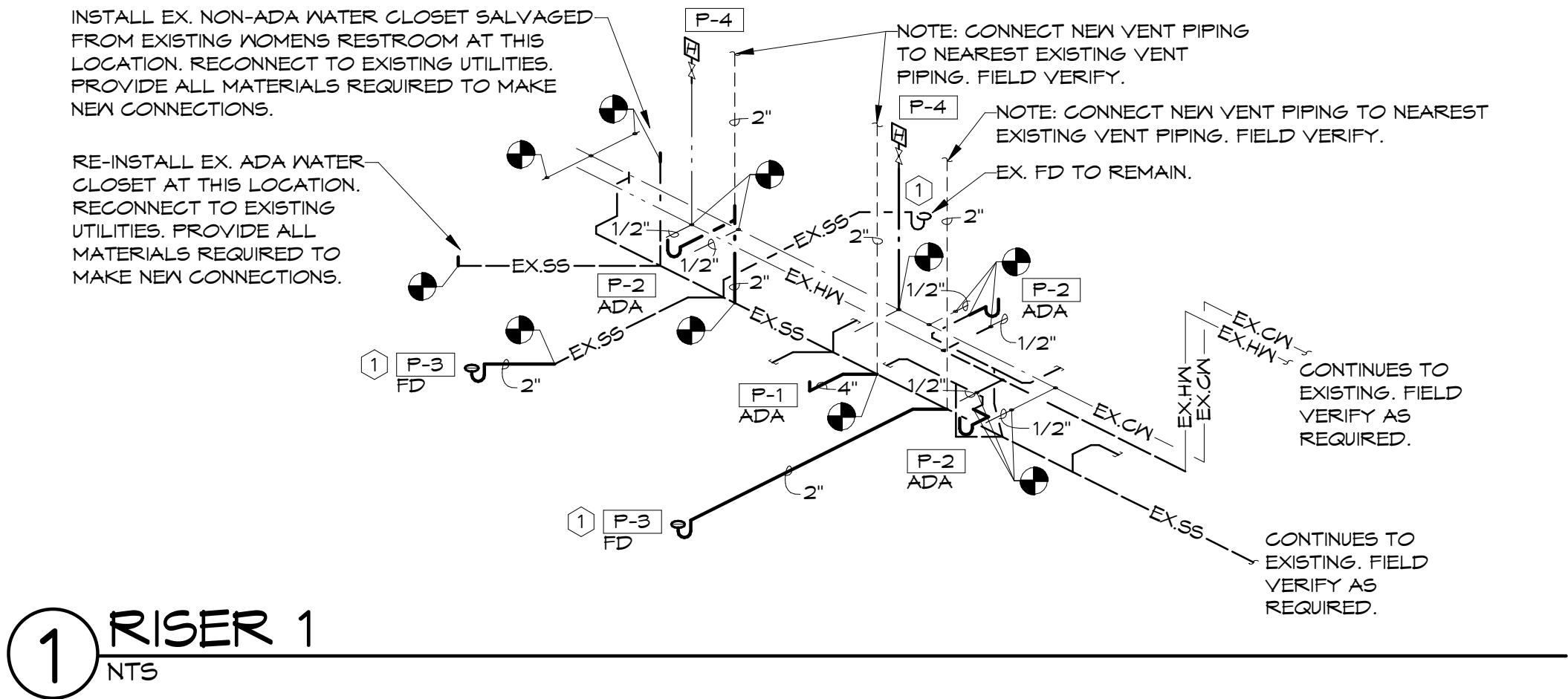
- INSTALL AN APPROVED TRAP GUARD PRODUCT THAT CONFORMS TO NSF-14, CSA B602-99 AND CSA B74-94.
- DEMO EXISTING PLUMBING FIXTURE, CAP EXISTING UTILITIES IN WALL OR FLUSH WITH SLAB AS REQUIRED TO PREP FOR FINAL FINISHES. REFER TO ARCHITECTURAL FOR FINISH SCHEDULES.
- EXISTING FLOOR DRAIN TO REMAIN.

PLUMBING LEGEND

_____	SANITARY WASTE PIPING
-----EX SS-----	EXISTING SANITARY WASTE PIPING
-----	VENT PIPING
-----	EXISTING VENT PIPING
-----	COLD WATER PIPING
-----EX CW-----	EXISTING COLD WATER PIPING
-----	HOT WATER PIPING
-----EX HW-----	EXISTING HOT WATER PIPING
////	PIPING TO BE REMOVED
-----X-----	BALL VALVE
-----X-----	CONNECTION POINT
-----X-----	FIXTURES TO BE REMOVED
-----X-----	WATER HAMMER ARRESTOR (SIZE PER MANUFACTURER'S RECOMMENDED FIXTURE UNIT CAPACITY)
①	REFER TO KEYED NOTES
P-1	PLUMBING FIXTURE NUMBER (REFER TO PLUMBING FIXTURE SCHEDULE)
FD	FLOOR DRAIN
ADA	ACCESSIBLE
WGO	WALL CLEAN OUT
SS	SANITARY SEWER

PLUMBING FIXTURE SCHEDULE								
MARK	FIXTURE	MANUFACTURER	MODEL	MOUNT	CONNECTION			REMARKS / ACCESSORIES
					CW	HW	SS	
P-1	ACCESSIBLE WATER CLOSET	AMERICAN STANDARD	3043.102	FLOOR	1-1/2	-	4	WHITE VITREOUS CHINA, LOW CONSUMPTION, ELONGATED BOWL, FLUSH VALVE TOILET. PROVIDE SLOAN MODEL SLOAN #111-DFB FLUSH VALVE, OLSONITE #10 SCG OPEN SEAT AND SLOAN YJ TYPE PIPE SUPPORT. PROVIDE BLOCKING IN WALL AS REQUIRED FOR INSTALLATION OF YJ PIPE SUPPORT. INSTALL 1" FROM TOP OF SEAT TO FLOOR.
P-2	ACCESSIBLE LAVATORY	AMERICAN STANDARD	0355.012	WALL	1/2	1/2	1-1/2	WHITE VITREOUS CHINA LAVATORY WITH FAUCET LEDGE AND BACKSPASH. PROVIDE AMERICAN STANDARD RELIANT 1395.050 SINGLE LEVER, 0.5 GPM, FAUCET WITH EXTRA LONG HANDLE, BASE PLATE, GRID DRAIN, MADE #520 WALL CARRIER, HANDILAY MOLDED DRAIN & SUPPLY INSULATION KIT, MOUNT 34 IN. A.F.F. TO TOP OF RIM. PROVIDE MATTS LFMMV UNDER COUNTER THERMOSTATIC MIXING VALVE. SET WATER TEMPERATURE AT 105 DEGREES F.
P-3	FLOOR DRAIN	MADE	1100	FLOOR	-	-	*	*CAST IRON FLOOR DRAIN, SIZE AS INDICATED ON PLANS OR MATCH INDICATED WASTE LINE. PROVIDE DEEP SEAL TRAP. COORDINATE DRAIN TOP MATERIAL WITH SPECIFIED FLOOR FINISH.
P-4	WATER HAMMER ARRESTOR	MADE BELLOWS	SHOKSTOP	ACCESSIBLE LOCATION	*	*	-	*SIZE WATER HAMMER ARRESTOR PER MANUFACTURER'S RECOMMENDATIONS. ALL STAINLESS STEEL CONSTRUCTION WITH WELDED NESTED BELLOWS. PROVIDE BALL VALVE FOR SHUT-OFF.

- NOTES
- COORDINATE COUNTER TOP FIXTURE INSTALLATION WITH MILLWORK.
  - INSTALL ACCESSIBLE FLUSH VALVE TO THE ACCESSIBLE SIDE.
  - MECHANICAL CONTRACTOR SHALL PROVIDE APPROVED TRAP GUARDS ON ALL FLOOR SINKS AND FLOOR DRAINS.



NOTES:  
RE:P2.1 FOR PLUMBING PLANS. RE:P3.1 FOR PLUMBING DETAILS.

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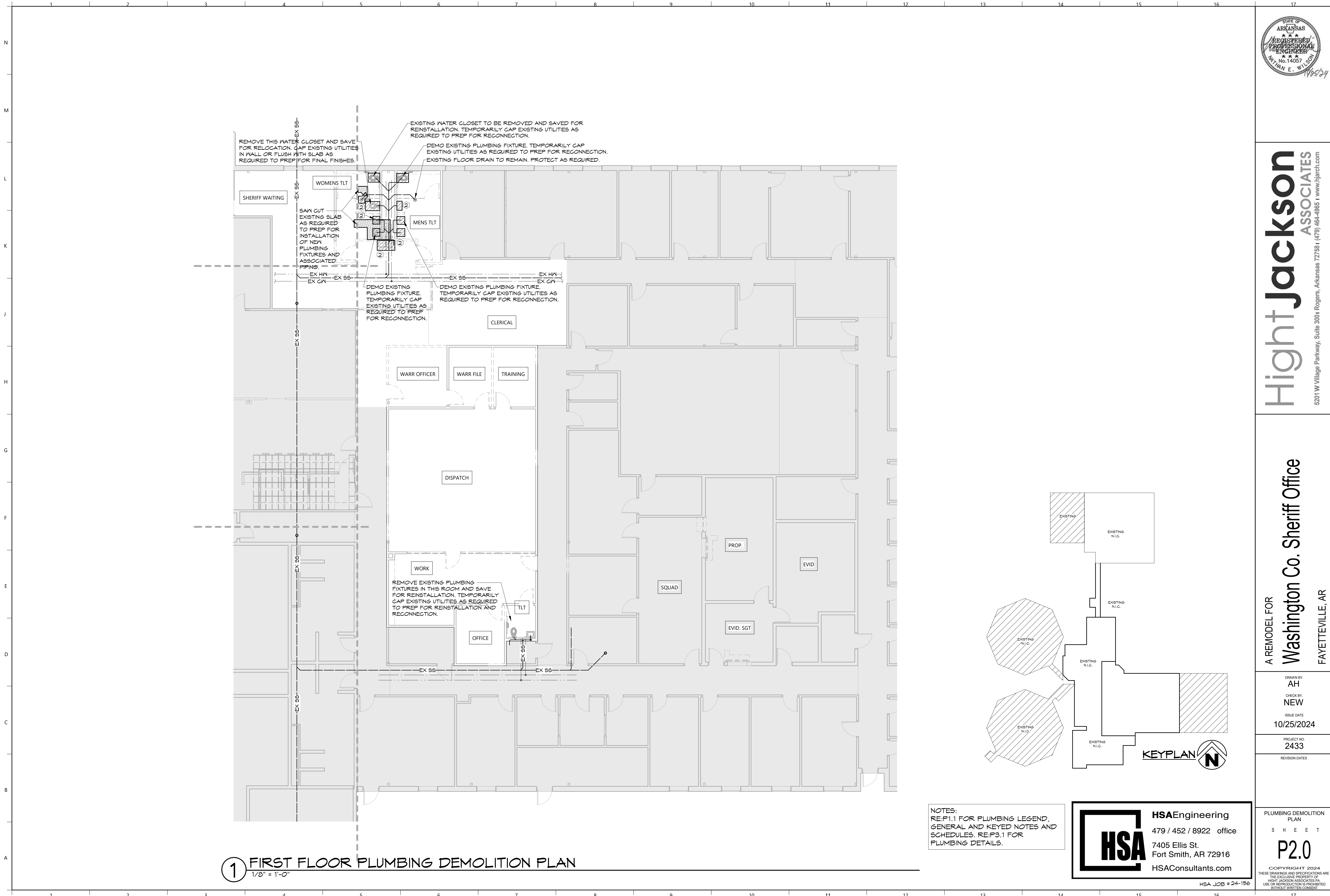
REVISION DATES

PLUMBING NOTES,  
LEGEND & SCHEDULE  
S H E E T

P1.1

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1 FIRST FLOOR PLUMBING DEMOLITION PLAN  
1/8" = 1'-0"

NOTES:  
REF.1.1 FOR PLUMBING LEGEND,  
GENERAL AND KEYED NOTES AND  
SCHEDULES. REF.3.1 FOR  
PLUMBING DETAILS.

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PLUMBING DEMOLITION  
PLAN  
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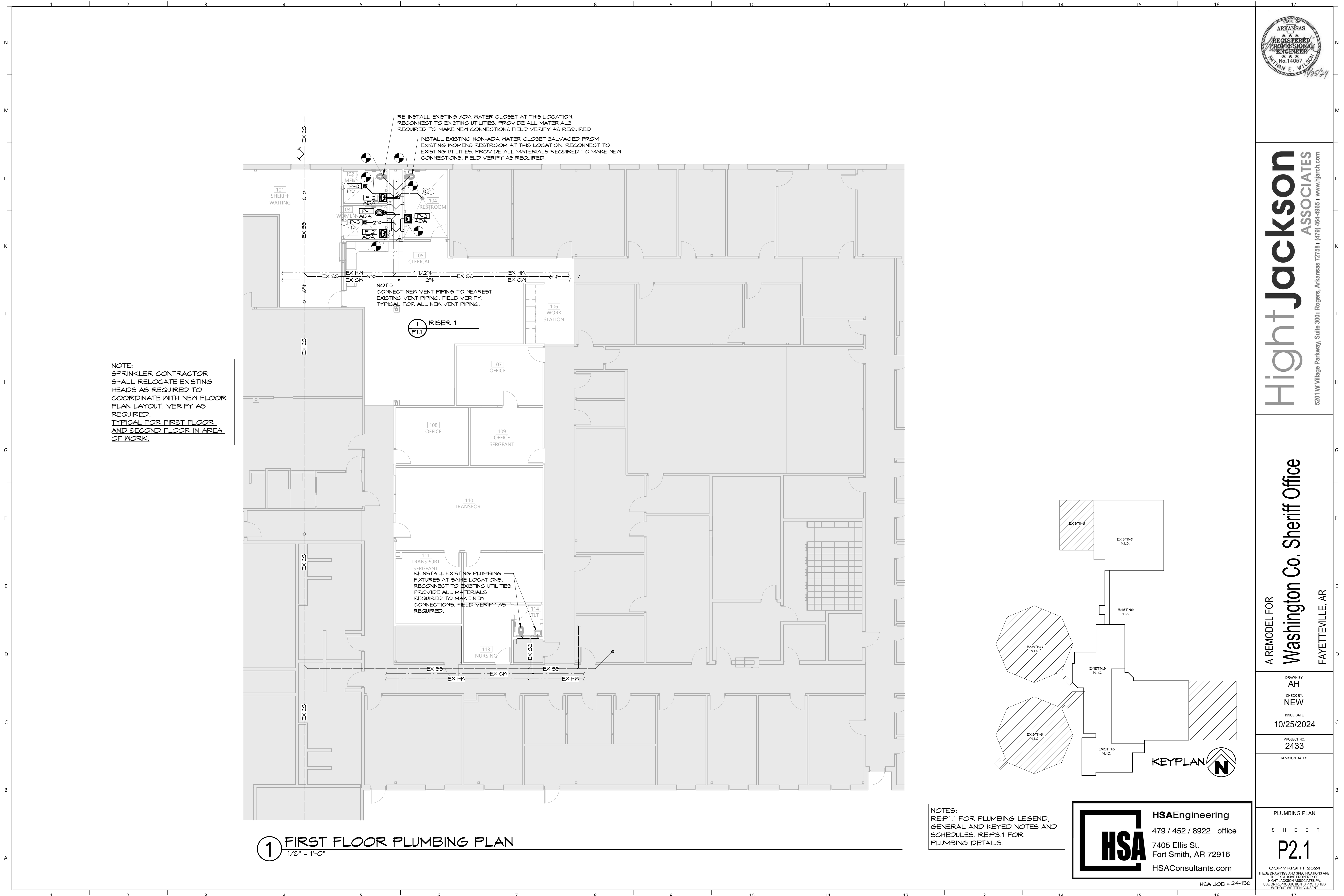
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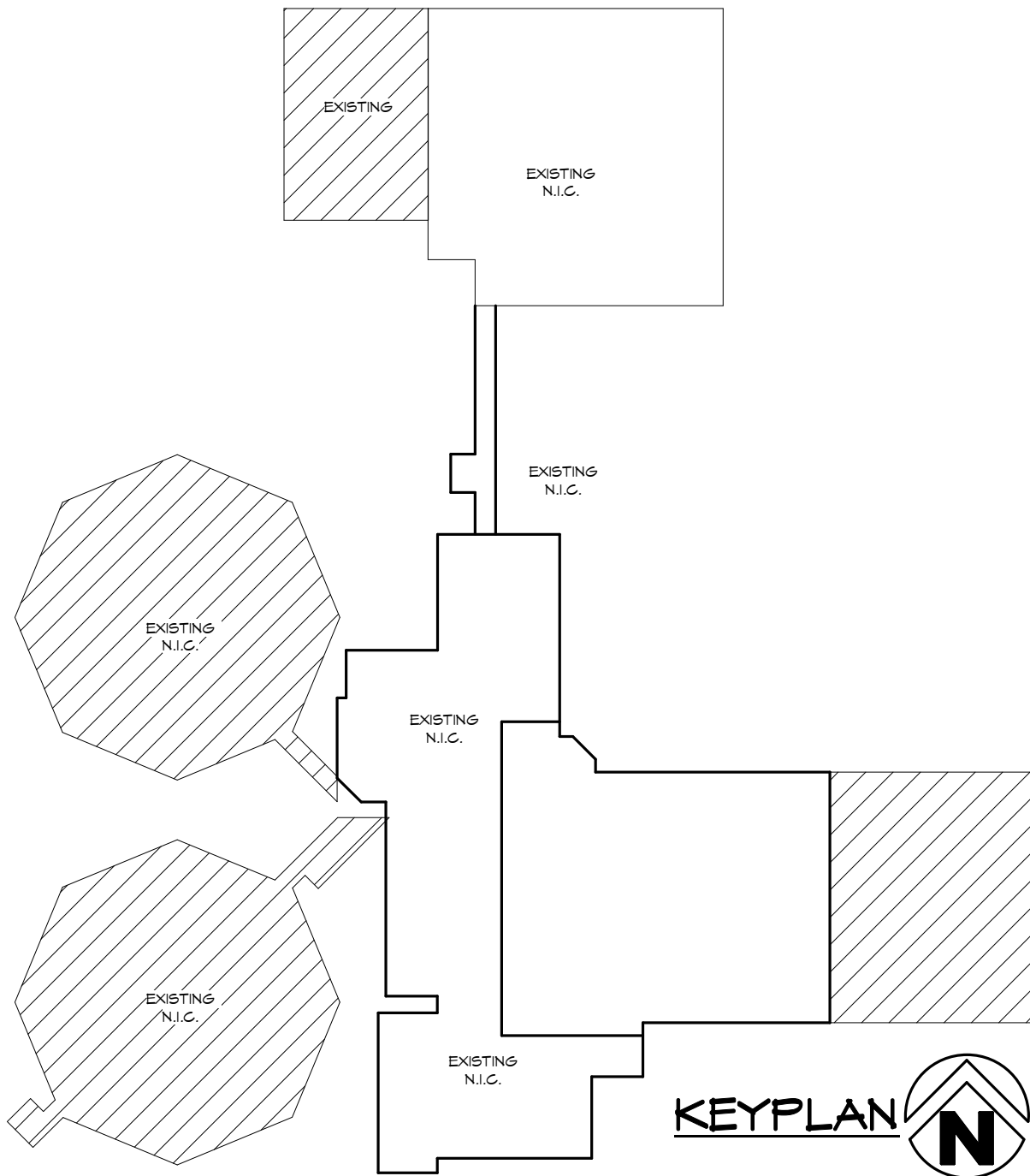






NOTE:  
SPRINKLER CONTRACTOR  
SHALL RELOCATE EXISTING  
HEADS AS REQUIRED TO  
COORDINATE WITH NEW FLOOR  
PLAN LAYOUT. VERIFY AS  
REQUIRED.  
TYPICAL FOR FIRST FLOOR  
AND SECOND FLOOR IN AREA  
OF WORK.

1 FIRST FLOOR PLUMBING PLAN  
1/8" = 1'-0"



NOTES:  
RE.P1.1 FOR PLUMBING LEGEND,  
GENERAL AND KEYED NOTES AND  
SCHEDULES. RE.P3.1 FOR  
PLUMBING DETAILS.

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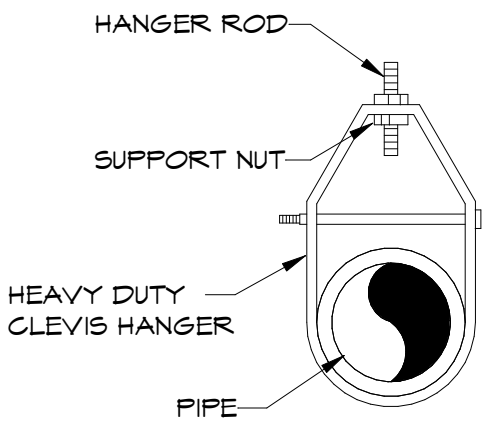
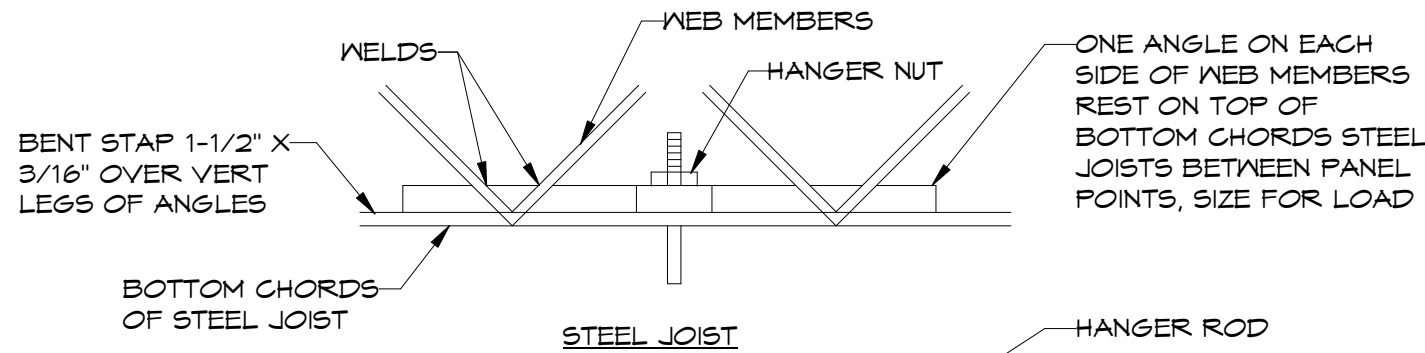
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PLUMBING PLAN  
SHEET  
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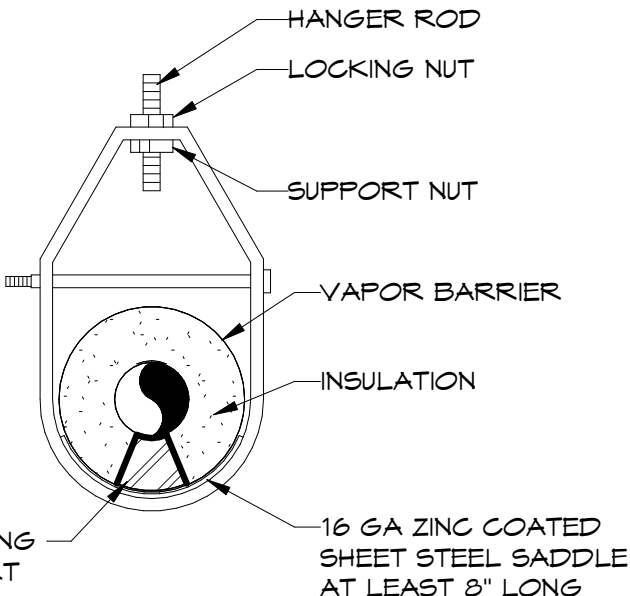
HSA JOB # 24-156



HANGER ROD SCHEDULE			
PIPE SIZE	ROD SIZE	PIPE SIZE	ROD SIZE
UP TO 2"	1/4" DIA	8" THRU 12"	1/2" DIA
2 1/2" UP TO 6"	3/8" DIA		

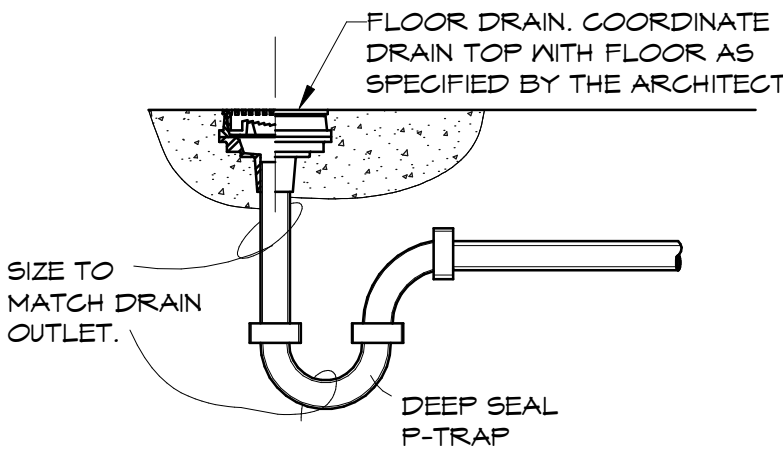


CLEVIS HANGER  
SINGLE HORIZONTAL RUNS  
NO VAPOR BARRIER INSUL

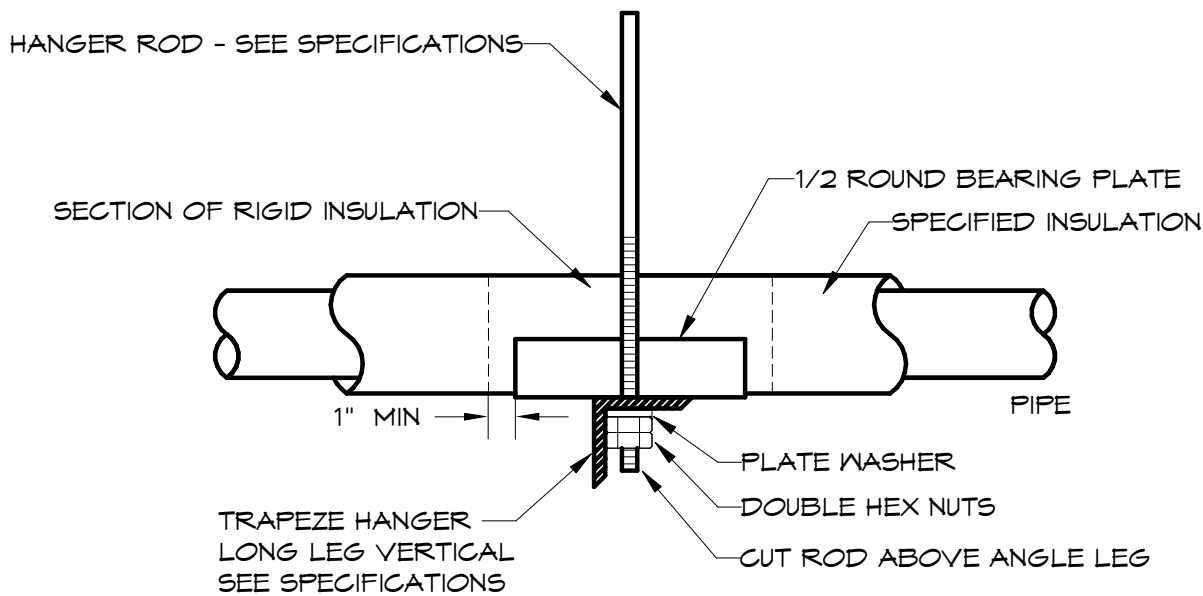


CLEVIS HANGER  
SINGLE HORIZONTAL RUNS  
WITH VAPOR BARRIER INSUL

1 TYPICAL PIPE HANGER DETAIL-CLEVIS HANGER  
NTS



2 FLOOR DRAIN DETAIL  
NTS



3 TYPICAL PIPE HANGER DETAIL-TRAPEZE  
NTS

NOTES:  
RE:P1.1 FOR PLUMBING LEGEND, GENERAL AND KEYED NOTES.  
RE:P2.1 FOR PLUMBING PLANS. RE:P5.1 FOR PLUMBING SCHEDULES.

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STATE OF ARKANSAS  
REGISTERED PROFESSIONAL ENGINEER  
No. 14057  
WYMAN E. WILSON  
10/25/24

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PLUMBING DETAILS

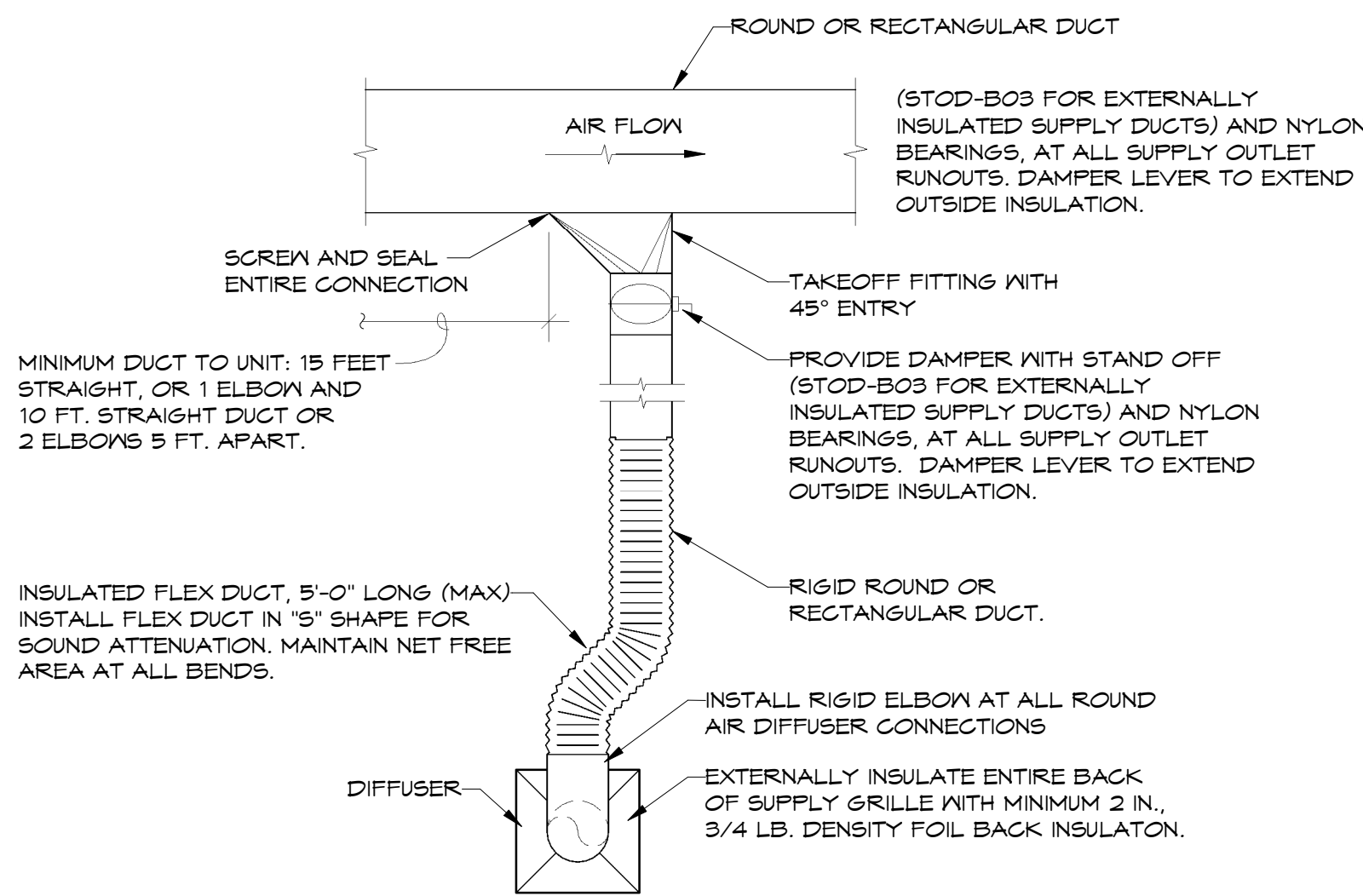
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P3.1

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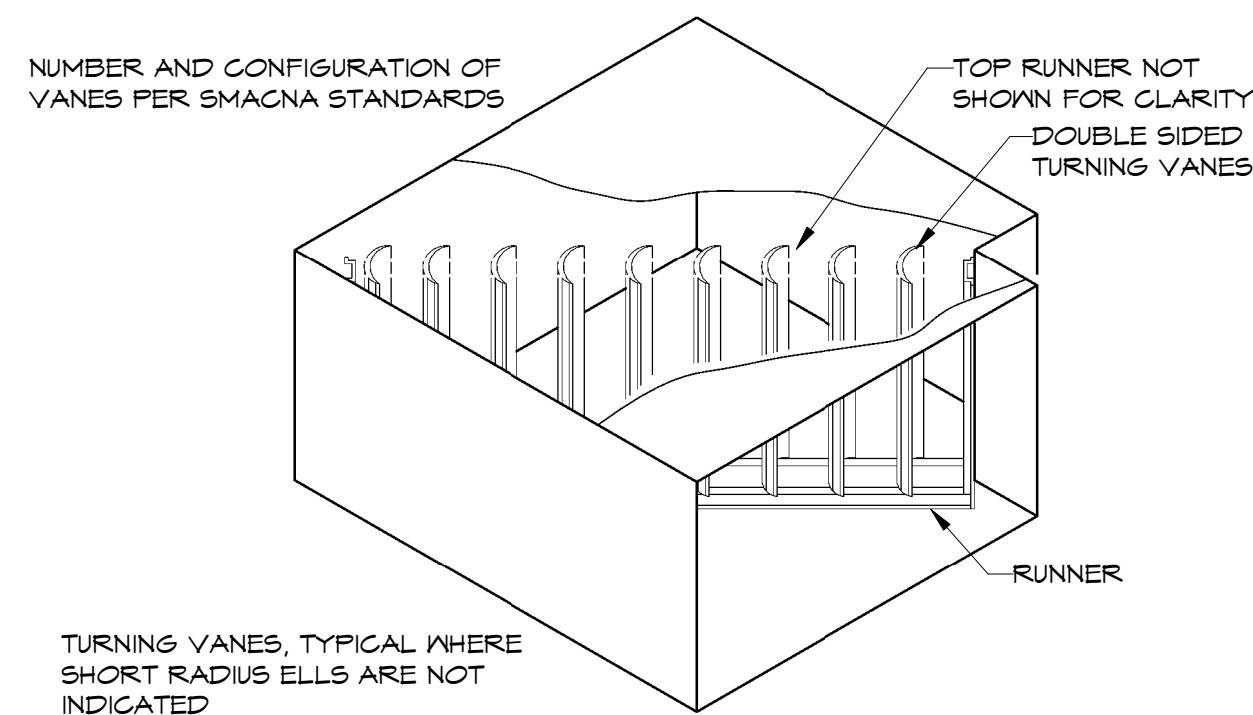


## GENERAL HVAC NOTES

- COORDINATE GRILLE LOCATIONS WITH LIGHT FIXTURES, SPRINKLERS AND CEILING GRID.
- INDICATED DUCT SIZES ARE NET FREE AREA.
- ADJUST ALL AIR QUANTITIES AS SHOWN ON THE PLANS AFTER COMPLETION OF THE JOB.
- INSULATE THE SUPPLY GRILLE TOPS, RETURN AIR GRILLE PLENUMS AND EXHAUST AIR PLENUMS WITH 2 IN., 3/4 LB DENSITY FOIL BACKED INSULATION.
- FIRE AND/OR SMOKE DAMPERS ARE INDICATED ON MECHANICAL DRAWINGS. MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY LOCATIONS AND FIRE RATING REQUIREMENTS WHERE ANY DUCT PASSES THROUGH A PARTITION. REFER TO ARCHITECTURAL PLANS FOR LOCATION OF ALL FIRE AND SMOKE PARTITIONS. VERIFY REQUIRED DAMPER ASSEMBLY IN ALL DUCTS PENETRATING THESE WALLS PER ALL STATE AND LOCAL CODES.
- EXTERNALLY INSULATE ALL ROUND SUPPLY AND RETURN DUCT. INTERNALLY INSULATE ALL RECTANGULAR SUPPLY AND RETURN DUCT PER MECHANICAL CODE. ATTACH THE INTERNAL INSULATION TO THE DUCT WITH APPROVED ADHESIVE AND WELDED FASTENERS.
- MECHANICAL CONTRACTOR SHALL COORDINATE ALL DUCTWORK WITH FIELD CONDITIONS AND PROVIDE ALL OFFSETS, BENDS, TRANSITIONS AND SPECIAL FITTINGS FOR A COMPLETE INSTALLATION OF THE SYSTEMS.
- INTERIOR OF ALL DUCT PLENUMS VISIBLE THROUGH GRILLE SHALL BE PAINTED MATTE BLACK PRIOR TO INSTALLATION.
- PAINT ALL SUPPLY AND RETURN AIR GRILLES NOT SPECIFIED AS PRE-FINISHED, TO ARCHITECT'S SPECIFICATIONS UNLESS OTHERWISE SPECIFIED.
- MAINTAIN 10 FT. MINIMUM CLEARANCE BETWEEN FRESH AIR INTAKES AND ALL EXHAUST OUTLETS, GAS FLUES AND PLUMBING VENTS.
- INSTALL VOLUME CONTROL DAMPERS IN SUPPLY, RETURN, EXHAUST AND FRESH AIR BRANCH DUCT RUNS.
- ALL MECHANICAL INSTALLATIONS SHALL CONFORM TO THE LATEST ACCEPTABLE ARKANSAS MECHANICAL CODE.
- SEAL ALL DUCT SEAMS WITH HARDCAST IRON GRIP 601 SEALANT SYSTEM OR AN APPROVED EQUAL. DUCT TAPE, WHETHER LISTED OR NOT, WILL NOT BE ACCEPTED.
- FABRICATE AND INSTALL ALL GALVANIZED DUCT SYSTEMS TO SMACNA DUCT CONSTRUCTION STANDARDS, LATEST EDITION, AND MECHANICAL CODE.
- SUPPLY AIR SYSTEMS AND RETURN AIR SYSTEMS INSTALLED IN AN ATTIC, VENTILATED CRAWL SPACE OR OTHER NON-CONDITIONED AREA SHALL BE INSULATED.
- SPRINKLER CONTRACTOR TO BE RESPONSIBLE FOR ROUTING ALL SPRINKLER PIPING TO AVOID ALL UNCONDITIONED SPACES.
- DO NOT SCALE DIRECTLY FROM THE HVAC DRAWINGS, REFER TO ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONAL INFORMATION.



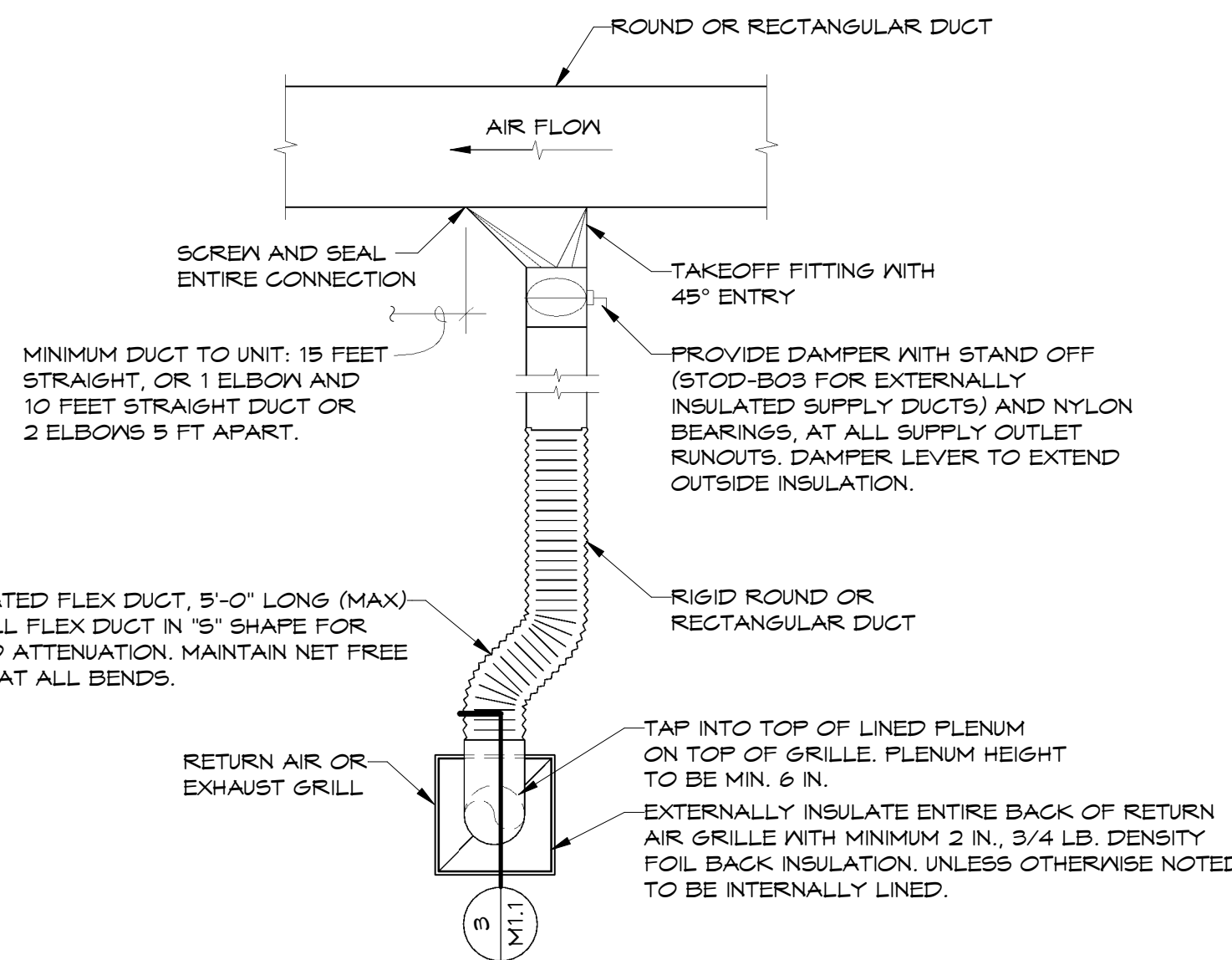
1 SUPPLY DUCT CONNECTION DETAIL  
NTS



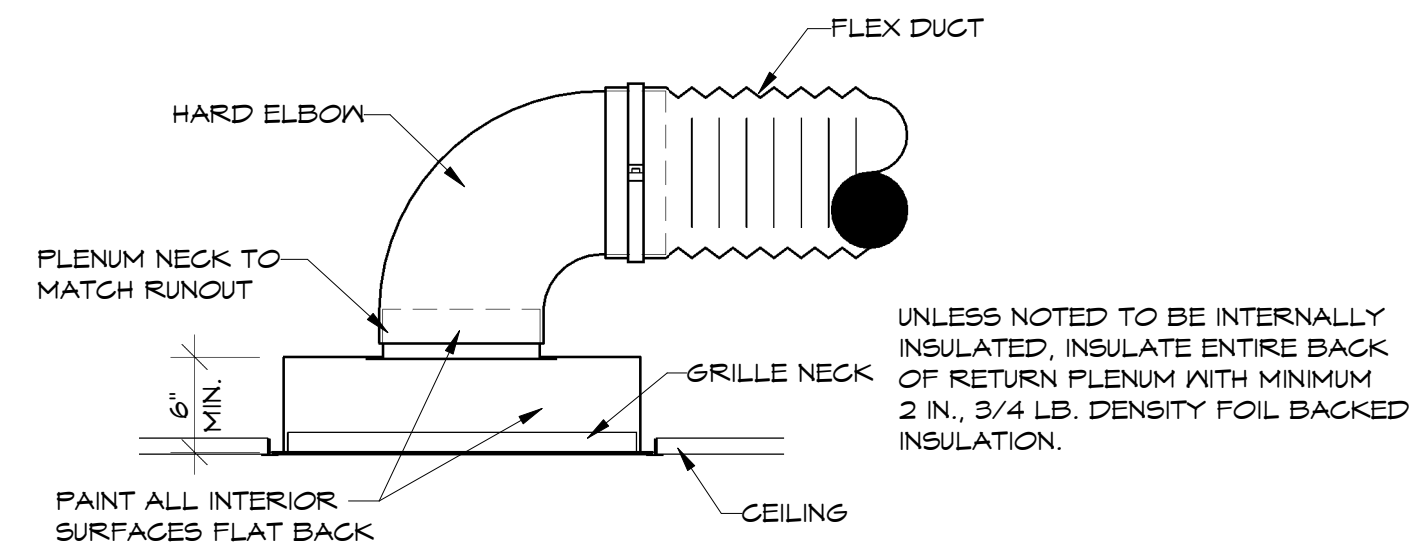
4 TURNING VANE DETAIL  
NTS

## MECHANICAL LEGEND

- |                                  |  |
|----------------------------------|--|
| ☒ SUPPLY DUCT SECTION            | ▬ SUPPLY, RETURN, OR EXHAUST DUCT  |
| ☑ RETURN OR EXHAUST DUCT SECTION | ▨ SUPPLY, RETURN, OR EXHAUST DUCT  |
| ☒ CEILING SUPPLY GRILLE          | ▨ EXISTING SUPPLY, RETURN, OR EXHAUST DUCT                                       |
| ☑ CEILING RETURN GRILLE          | ▨ DEMO SUPPLY, RETURN, OR EXHAUST DUCT   |
| ☒ CEILING EXHAUST GRILLE         | ▬ OR ▭ VOLUME DAMPER   |
| ① SEE KEYED NOTES                | ☒ FLEX DUCT CONNECTION MAXIMUM OF 5 FT.  |
| ① SEE DEMO KEYED NOTES           | EX-RTU • ① THERMOSTAT. MOUNT AT 48" A.F.F TO TOP (NUMBER DENOTES EXISTING RTU/S) |



2 RETURN DUCT CONNECTION DETAIL  
NTS



3 RETURN GRILLE CONNECTION SECTION  
NTS

### AIR DISTRIBUTION SCHEDULE

MARK	CFM	NECK SIZE	MFG.	MODEL	TYPE	FINISH	FRAME	REMARKS/ACCESSORIES
A	225-300	10" Ø	TITUS	TMS	4-WAY SUPPLY	WHITE	T-BAR LAY-IN	1
B	135	22" X 22"	TITUS	50F	EXHAUST	WHITE	T-BAR LAY-IN	2, 3, 4
C	250-315	22" X 22"	TITUS	355RL	RETURN	WHITE	T-BAR LAY-IN	1, 3, 4
D	120	8" Ø	TITUS	TMS	4-WAY SUPPLY	WHITE	T-BAR LAY-IN	1

- REMARKS/ACCESSORIES
- STEEL CONSTRUCTION.
  - ALUMINUM CONSTRUCTION.
  - NO SCREEN HOLES.
  - PROVIDE SQUARE TO ROUND GRILLE CONNECTION WHERE REQUIRED.

NOTES:  
REFER TO SHEET M1.1 FOR GENERAL HVAC NOTES, LEGEND, DETAILS AND SCHEDULES.  
REFER TO SHEET M2.0 FOR HVAC DEMO FLOOR PLANS.  
REFER TO SHEET M2.1 FOR HVAC FLOOR PLANS.



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REVISION DATES

HVAC NOTES & LEGEND

S H E E T

**M1.1**

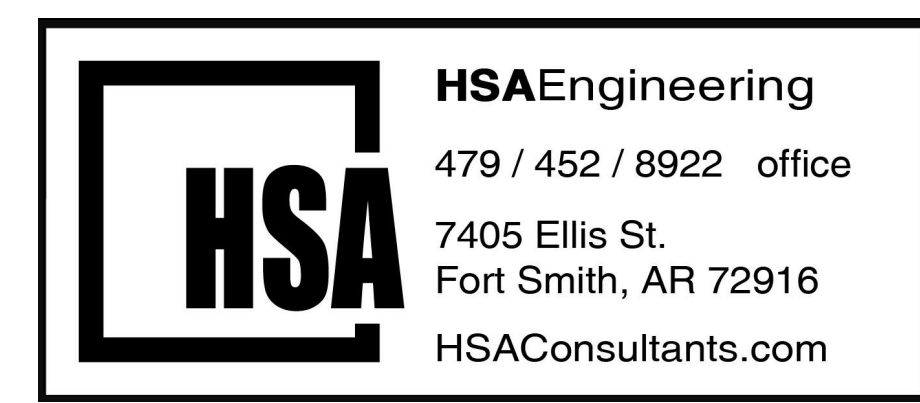
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- ① EXISTING SUPPLY/RETURN GRILLE TO REMAIN. AIRFLOW TO REMAIN AS EXISTING.
- ② EXISTING SUPPLY/RETURN OR EXHAUST GRILLE TO BE RELOCATED. REFER TO 1/M2.1 FOR NEW LOCATION.
- ③ EXISTING RETURN GRILLES LOCATED IN MALL TO BE REMOVED AND EXISTING DUCTWORK CAPPED AND INSULATED.
- ④ EXISTING GRILLE TO REMAIN. ADJUST AIRFLOW GPM AS SHOWN ON FLOOR PLAN. REFER TO 1/M2.1 FOR NEW AIRFLOW
- ⑤ DEMOLISH EXISTING RETURN AND DUCTWORK AS SHOWN.
- ⑥ EXISTING THERMOSTAT TO REMAIN.
- ⑦ DEMO EXISTING DUCTWORK AS SHOWN.
- ⑧ EXISTING THERMOSTAT TO BE RELOCATEDSD.
- ⑨ EXISTING SUPPLY/RETURN GRILLE TO BE RELOCATED. REFER TO 2/M2.1 FOR NEW LOCATION.



The site plan shows the proposed development layout. Existing structures are indicated by hatched areas and labeled "EXISTING N.G.". The new development is shown in white. The plan includes a large rectangular building at the top right, a smaller rectangular building below it, and a large, irregularly shaped building at the bottom right. There are also two large, irregularly shaped hatched areas on the left side, labeled "EXISTING N.G.". The plan is oriented with North (N) at the top, indicated by a north arrow in the bottom right corner. The text "KEYPLAN" is written in the bottom right corner.



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MECHANICAL DEMO PLAN

S H E E T

M2.0

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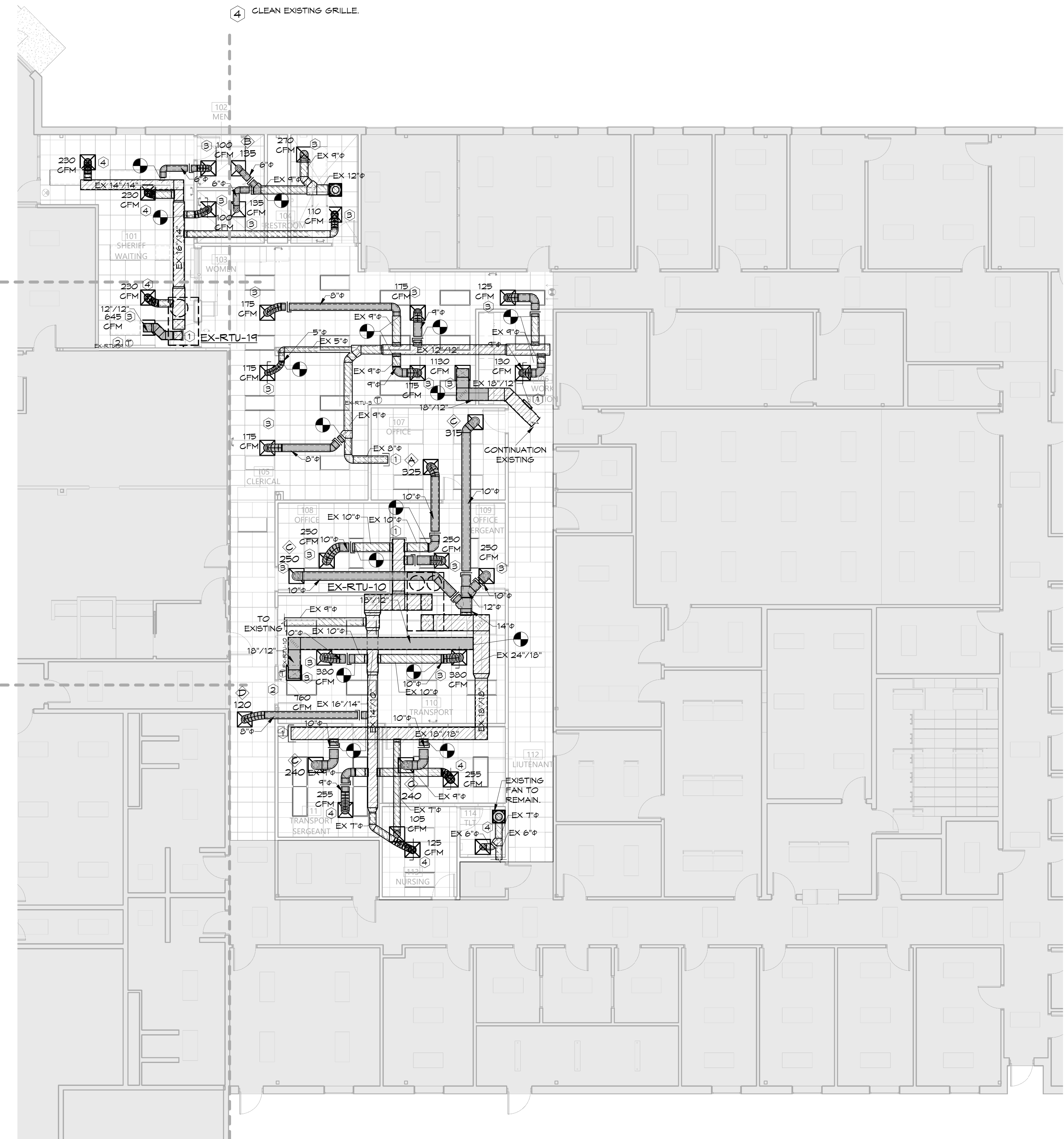


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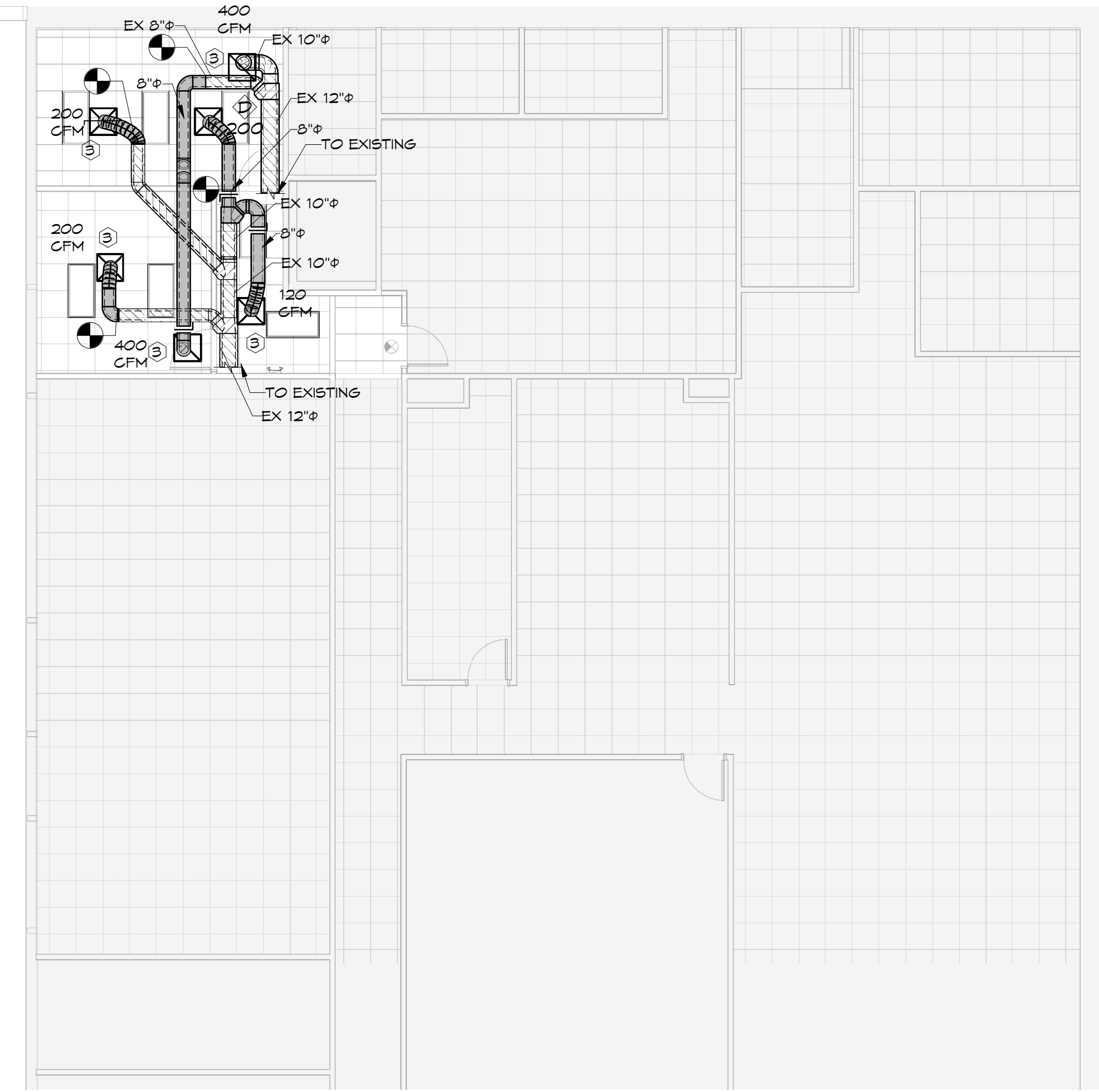


HVAC KEYED NOTES

- 1 CAP AND INSULATE DUCT AT THIS LOCATION.
- 2 RELOCATED THERMOSTAT, AS INDICATED WITH THE CENTER OF THE THERMOSTAT AT 48 IN. ABOVE FINISHED FLOOR. SEAL ALL THERMOSTAT CONDUITS AT TOP AND BOTTOM OF CONDUIT. PROVIDE INSULATED BACKING FOR MOUNTING THERMOSTATS.
- 3 EXISTING GRILLE NEW LOCATION. CLEAN AND INSTALL INTO NEW CEILING AREA.
- 4 CLEAN EXISTING GRILLE.



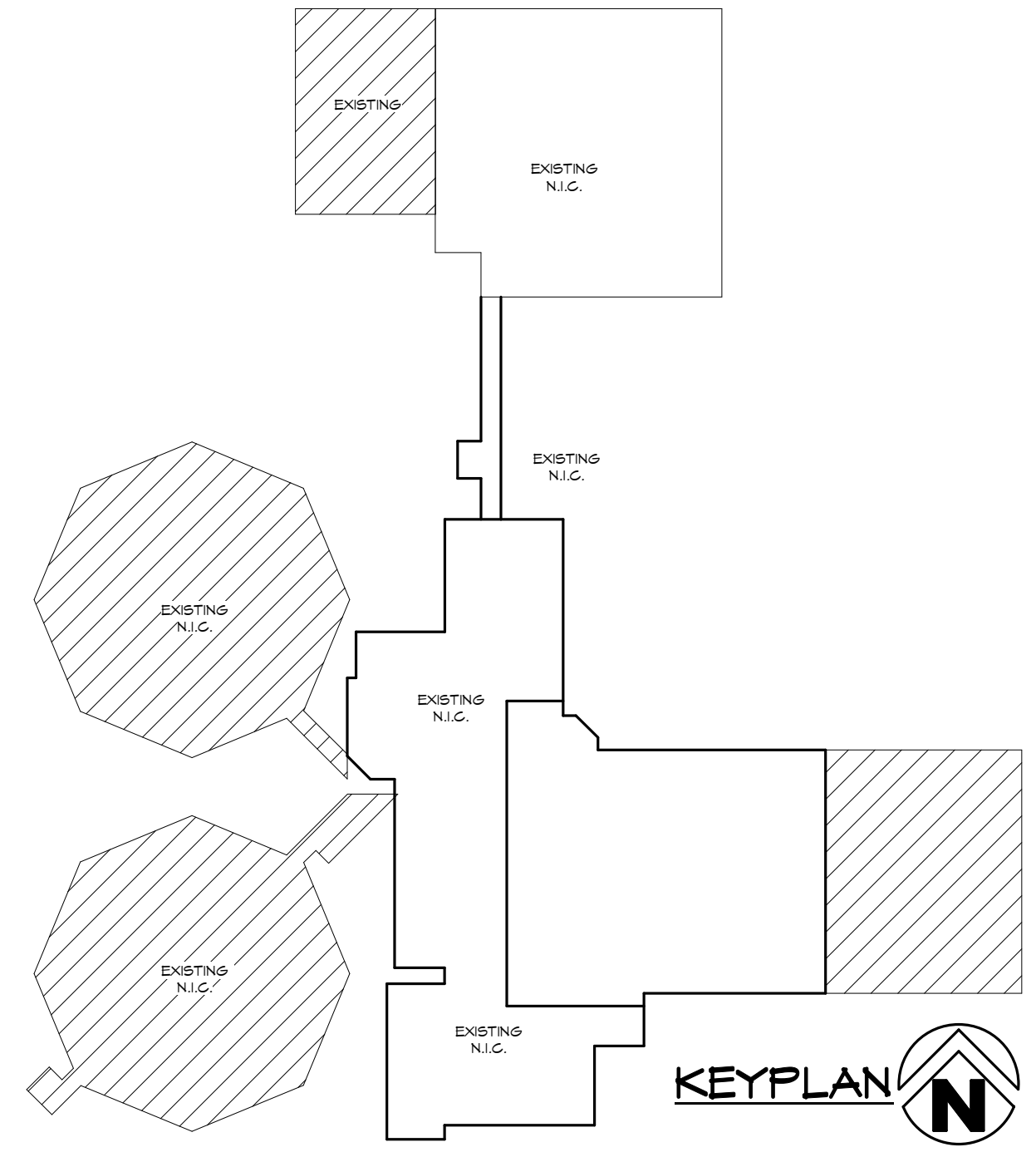
1 FIRST FLOOR HVAC PLAN  
1/8" = 1'-0"



2 SECOND FLOOR HVAC PLAN  
1/8" = 1'-0"



NOTES:  
REFER TO SHEET M1.1 FOR GENERAL HVAC NOTES, LEGEND, DETAILS AND SCHEDULES.  
REFER TO SHEET M2.0 FOR HVAC DEMO FLOOR PLANS.  
REFER TO SHEET M2.1 FOR HVAC FLOOR PLANS.



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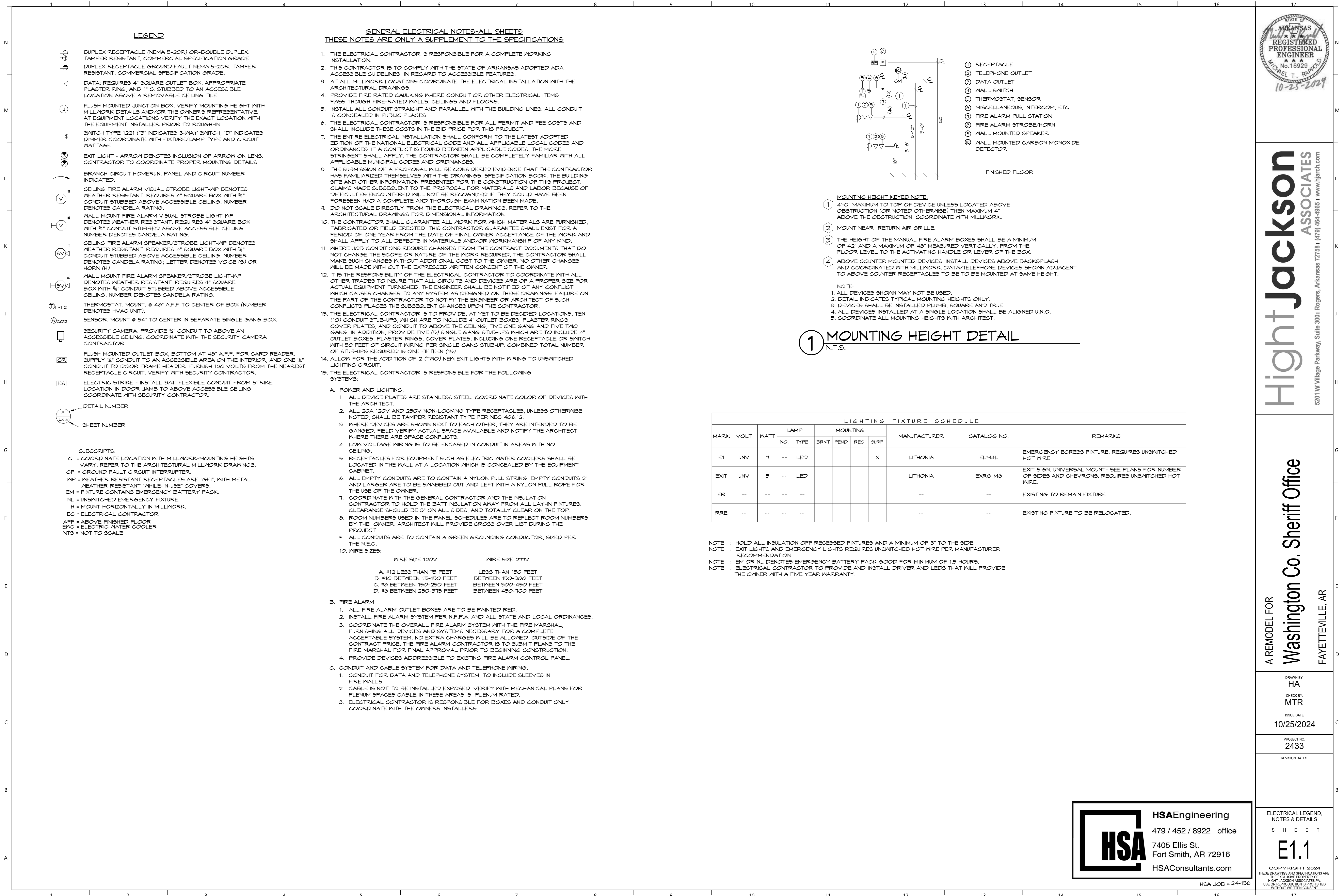
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HVAC PLAN  
SHEET  
**M2.1**

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This image shows a page from a technical drawing set, specifically sheet E1.1 titled "ELECTRICAL LEGEND, NOTES & DETAILS". The page contains various symbols used in electrical drawings, their corresponding descriptions, and general notes regarding installation standards and safety.

The legend defines symbols for:

- DUPLEX RECEPTACLE (NEVA 5-20R) OR DOUBLE DUPLEX TAMPER RESISTANT, COMMERCIAL SPECIFICATION GRADE.
- DUPLEX RECEPTACLE GROUND FAULT NEVA 5-20R, TAMPER RESISTANT, COMMERCIAL SPECIFICATION GRADE.
- DATA: REQUIRES 4" SQUARE OUTLET BOX, APPROPRIATE PLASTER RING, AND 1" C. STUBBED TO AN ACCESSIBLE LOCATION ABOVE A REMOVABLE CEILING TILE.
- FLUSH MOUNTED JUNCTION BOX. VERIFY MOUNTING HEIGHT WITH MILLWORK DETAILS AND/OR THE OWNER'S REPRESENTATIVE AT EQUIPMENT LOCATIONS. VERIFY THE EXACT LOCATION WITH THE EQUIPMENT INSTALLER PRIOR TO ROUGH-IN.
- SWITCH TYPE 1221 (3" INDICATES 3-WAY SWITCH, "D" INDICATES DIMMER COORDINATE WITH FIXTURE/LAMP TYPE AND CIRCUIT WATTAGE).
- EXIT LIGHT - ARROW DENOTES INCLUSION OF ARROW ON LENS. CONTRACTOR TO COORDINATE PROPER MOUNTING DETAILS.
- BRANCH CIRCUIT HOMERUN, PANEL AND CIRCUIT NUMBER INDICATED.
- CEILING FIRE ALARM VISUAL STROBE LIGHT-WP DENOTES WEATHER RESISTANT. REQUIRES 4" SQUARE BOX WITH ¾" CONDUIT STUBBED ABOVE ACCESSIBLE CEILING. NUMBER DENOTES CANDELA RATING.
- WALL MOUNT FIRE ALARM VISUAL STROBE LIGHT-WP DENOTES WEATHER RESISTANT. REQUIRES 4" SQUARE BOX WITH ¾" CONDUIT STUBBED ABOVE ACCESSIBLE CEILING. NUMBER DENOTES CANDELA RATING.
- CEILING FIRE ALARM SPEAKER-STROBE LIGHT-WP DENOTES WEATHER RESISTANT. REQUIRES 4" SQUARE BOX WITH ¾" CONDUIT STUBBED ABOVE ACCESSIBLE CEILING. NUMBER DENOTES CANDELA RATING; LETTER DENOTES VOICE (S) OR HORN (H).
- WALL MOUNT FIRE ALARM SPEAKER-STROBE LIGHT-WP DENOTES WEATHER RESISTANT. REQUIRES 4" SQUARE BOX WITH ¾" CONDUIT STUBBED ABOVE ACCESSIBLE CEILING. NUMBER DENOTES CANDELA RATING.
- THERMOSTAT, MOUNT. @ 48" A.F.F. TO CENTER OF BOX (NUMBER DENOTES HVAC UNIT).
- SENSOR, MOUNT @ 54" TO CENTER IN SEPARATE SINGLE GANG BOX.
- SECURITY CAMERA. PROVIDE ¾" CONDUIT TO ABOVE AN ACCESSIBLE CEILING. COORDINATE WITH THE SECURITY CAMERA CONTRACTOR.
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A detailed diagram illustrates the mounting height keying note, showing a cross-section of a wall with various devices mounted at specific heights relative to the finished floor level. Keyed notes indicate:

- RECEPTACLE
- TELEPHONE OUTLET
- DATA OUTLET
- WALL SWITCH
- THERMOSTAT, SENSOR
- MISCELLANEOUS, INTERCOM, ETC.
- FIRE ALARM PULL STATION
- FIRE ALARM STROBE/HORN
- WALL MOUNTED SPEAKER
- WALL MOUNTED CARBON MONOXIDE DETECTOR

General Electrical Notes include:

- THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR A COMPLETE WORKING INSTALLATION.
- THIS CONTRACTOR IS TO COMPLY WITH THE STATE OF ARKANSAS ADOPTED ADA ACCESSIBLE GUIDELINES IN REGARD TO ACCESSIBLE FEATURES.
- AT ALL MILLWORK LOCATIONS COORDINATE THE ELECTRICAL INSTALLATION WITH THE ARCHITECTURAL DRAWINGS.
- PROVIDE FIRE RATED CAULKING WHERE CONDUIT OR OTHER ELECTRICAL ITEMS PASS THROUGH FIRE-RATED WALLS, CEILINGS AND FLOORS.
- INSTALL ALL CONDUIT STRAIGHT AND PARALLEL WITH THE BUILDING LINES. ALL CONDUIT IS CONCEALED IN PUBLIC PLACES.
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- DO NOT SCALE DIRECTLY FROM THE ELECTRICAL DRAWINGS. REFER TO THE ARCHITECTURAL DRAWINGS FOR DIMENSIONAL INFORMATION.
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Subscribers are listed as Washington Co. Sheriff Office, Fayetteville, AR. The drawing was prepared by HA and checked by MTR on 10/25/2024. The project number is 2433.

HSA Engineering logo and contact information are provided at the bottom right.

[illegible][illegible][illegible]

Architectural drawing showing electrical plans for a remodel project. The drawing includes a legend, general electrical notes, a lighting fixture schedule, and a mounting height detail. The legend defines symbols for duplex receptacles, data outlets, switches, fire alarm devices, and security equipment. General notes specify installation requirements and responsibilities. The lighting fixture schedule lists fixtures like E1, EXIT, ER, and RRE with their specifications. The mounting height detail shows a cross-section of a wall with various devices and their mounting heights relative to the finished floor. The drawing is signed by HSA Engineering, dated 10/25/2024, and is for Washington Co. Sheriff Office, Fayetteville, AR.

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EXIT LIGHT - ARROW DENOTES INCLUSION OF ARROW ON LENS. CONTRACTOR TO COORDINATE PROPER MOUNTING DETAILS.

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13. THE ELECTRICAL CONTRACTOR IS TO PROVIDE, AT YET TO BE DECIDED LOCATIONS, TEN (10) CONDUIT SUB-UPS, WHICH ARE TO INCLUDE 4" OUTLET BOXES, PLASTER RINGS, COVER PLATES, AND CONDUIT TO ABOVE THE CEILING, FIVE ONE GANG AND FIVE TWO GANG. IN ADDITION, PROVIDE FIVE (5) SINGLE GANG SUB-UPS WHICH ARE TO INCLUDE 4" OUTLET BOXES, PLASTER RINGS, COVER PLATES, INCLUDING ONE RECEPTACLE OR SWITCH WITH 50 FEET OF CIRCUIT WIRING PER SINGLE GANG SUB-UP. COMBINED TOTAL NUMBER OF SUB-UPS REQUIRED IS ONE FIFTEEN (15).

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10. WIRE SIZES:

WIRE SIZE 120V

WIRE SIZE 277V

A. #12 LESS THAN 75 FEET

LESS THAN 150 FEET

B. #10 BETWEEN 75-150 FEET

BETWEEN 150-300 FEET

C. #8 BETWEEN 150-250 FEET

BETWEEN 300-450 FEET

D. #6 BETWEEN 250-375 FEET

BETWEEN 450-700 FEET

B. FIRE ALARM

1. ALL FIRE ALARM OUTLET BOXES ARE TO BE PAINTED RED.

2. INSTALL FIRE ALARM SYSTEM PER N.F.P.A. AND ALL STATE AND LOCAL ORDINANCES.

3. COORDINATE THE OVERALL FIRE ALARM SYSTEM WITH THE FIRE MARSHAL. FURNISHING ALL DEVICES AND SYSTEMS NECESSARY FOR A COMPLETE ACCEPTABLE SYSTEM. NO EXTRA CHARGES WILL BE ALLOWED, OUTSIDE OF THE CONTRACT PRICE. THE FIRE ALARM CONTRACTOR IS TO SUBMIT PLANS TO THE FIRE MARSHAL FOR FINAL APPROVAL PRIOR TO BEGINNING CONSTRUCTION.

4. PROVIDE DEVICES ADDRESSIBLE TO EXISTING FIRE ALARM CONTROL PANEL.

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1. CONDUIT FOR DATA AND TELEPHONE SYSTEM, TO INCLUDE SLEEVES IN FIRE WALLS.

2. CABLE IS NOT TO BE INSTALLED EXPOSED. VERIFY WITH MECHANICAL PLANS FOR PLENUM SPACES CABLE IN THESE AREAS IS PLENUM RATED.

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**MOUNTING HEIGHT KEYED NOTE:**

1 4'-0" MAXIMUM TO TOP OF DEVICE UNLESS LOCATED ABOVE OBSTRUCTION (OR NOTED OTHERWISE) THEN MAXIMUM 4" ABOVE THE OBSTRUCTION. COORDINATE WITH MILLWORK.

2 MOUNT NEAR RETURN AIR GRILLE.

3 THE HEIGHT OF THE MANUAL FIRE ALARM BOXES SHALL BE A MINIMUM OF 42" AND A MAXIMUM OF 48" MEASURED VERTICALLY, FROM THE FLOOR LEVEL TO THE ACTIVATING HANDLE OR LEVER OF THE BOX.

4 ABOVE COUNTER MOUNTED DEVICES. INSTALL DEVICES ABOVE BACKSPLASH AND COORDINATED WITH MILLWORK. DATA/TELEPHONE DEVICES SHOWN ADJACENT TO ABOVE COUNTER RECEPTACLES TO BE TO BE MOUNTED AT SAME HEIGHT.

**NOTE:**

1. ALL DEVICES SHOWN MAY NOT BE USED.

2. DETAIL INDICATES TYPICAL MOUNTING HEIGHTS ONLY.

3. DEVICES SHALL BE INSTALLED PLUMB, SQUARE AND TRUE.

4. ALL DEVICES INSTALLED AT A SINGLE LOCATION SHALL BE ALIGNED U.N.O.

5. COORDINATE ALL MOUNTING HEIGHTS WITH ARCHITECT.

**1 MOUNTING HEIGHT DETAIL**

N.T.S.

**LIGHTING FIXTURE SCHEDULE**

MARK	VOLT	WATT	LAMP		MOUNTING				MANUFACTURER	CATALOG NO.	REMARKS
			NO.	TYPE	BRKT	PEND	REC	SURF			
E1	UNV	7	--	LED				X	LITHONIA	ELM4L	EMERGENCY EGRESS FIXTURE. REQUIRES UNSWITCHED HOT WIRE.
EXIT	UNV	5	--	LED					LITHONIA	EXRG M6	EXIT SIGN, UNIVERSAL MOUNT- SEE PLANS FOR NUMBER OF SIDES AND CHEVRONS. REQUIRES UNSWITCHED HOT WIRE.
ER	--	--	--	--					--	--	EXISTING TO REMAIN FIXTURE.
RRE	--	--	--	--					--	--	EXISTING FIXTURE TO BE RELOCATED.

**NOTE :** HOLD ALL INSULATION OFF RECESSED FIXTURES AND A MINIMUM OF 3" TO THE SIDE.

**NOTE :** EXIT LIGHTS AND EMERGENCY LIGHTS REQUIRES UNSWITCHED HOT WIRE PER MANUFACTURER RECOMMENDATION.

**NOTE :** EM OR NL DENOTES EMERGENCY BATTERY PACK GOOD FOR MINIMUM OF 15 HOURS.

**NOTE :** ELECTRICAL CONTRACTOR TO PROVIDE AND INSTALL DRIVER AND LEDS THAT WILL PROVIDE THE OWNER WITH A FIVE YEAR WARRANTY.

**HSAEngineering**

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7405 Ellis St.

Fort Smith, AR 72916

HSAConsultants.com

**HSA**

**Washington Co. Sheriff Office**

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7. THE ENTIRE ELECTRICAL INSTALLATION SHALL CONFORM TO THE LATEST ADOPTED EDITION OF THE NATIONAL ELECTRICAL CODE AND ALL APPLICABLE LOCAL CODES AND ORDINANCES. IF A CONFLICT IS FOUND BETWEEN APPLICABLE CODES, THE MORE STRINGENT SHALL APPLY. THE CONTRACTOR SHALL BE COMPLETELY FAMILIAR WITH ALL APPLICABLE MUNICIPAL CODES AND ORDINANCES.

8. THE SUBMISSION OF A PROPOSAL WILL BE CONSIDERED EVIDENCE THAT THE CONTRACTOR HAS FAMILIARIZED THEMSELVES WITH THE DRAWINGS, SPECIFICATION BOOK, THE BUILDING SITE AND OTHER INFORMATION PRESENTED FOR THE CONSTRUCTION OF THIS PROJECT. CLAIMS MADE SUBSEQUENT TO THE PROPOSAL FOR MATERIALS AND LABOR BECAUSE OF DIFFICULTIES ENCOUNTERED WILL NOT BE RECOGNIZED IF THEY COULD HAVE BEEN FORESEEN HAD A COMPLETE AND THOROUGH EXAMINATION BEEN MADE.

9. DO NOT SCALE DIRECTLY FROM THE ELECTRICAL DRAWINGS. REFER TO THE ARCHITECTURAL DRAWINGS FOR DIMENSIONAL INFORMATION.

10. THE CONTRACTOR SHALL GUARANTEE ALL WORK FOR WHICH MATERIALS ARE FURNISHED, FABRICATED OR FIELD ERECTED. THIS CONTRACTOR GUARANTEE SHALL EXIST FOR A PERIOD OF ONE YEAR FROM THE DATE OF FINAL OWNER ACCEPTANCE OF THE WORK AND SHALL APPLY TO ALL DEFECTS IN MATERIALS AND/OR WORKMANSHIP OF ANY KIND.

11. WHERE JOB CONDITIONS REQUIRE CHANGES FROM THE CONTRACT DOCUMENTS THAT DO NOT CHANGE THE SCOPE OR NATURE OF THE WORK REQUIRED, THE CONTRACTOR SHALL MAKE SUCH CHANGES WITHOUT ADDITIONAL COST TO THE OWNER. NO OTHER CHANGES WILL BE MADE WITH OUT THE EXPRESSED WRITTEN CONSENT OF THE OWNER.

12. IT IS THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR TO COORDINATE WITH ALL OTHER TRADES TO INSURE THAT ALL CIRCUITS AND DEVICES ARE OF A PROPER SIZE FOR ACTUAL EQUIPMENT FURNISHED. THE ENGINEER SHALL BE NOTIFIED OF ANY CONFLICT WHICH CAUSES CHANGES TO ANY SYSTEM AS DESIGNED ON THESE DRAWINGS. FAILURE ON THE PART OF THE CONTRACTOR TO NOTIFY THE ENGINEER OR ARCHITECT OF SUCH CONFLICTS PLACES THE SUBSEQUENT CHANGES UPON THE CONTRACTOR.

13. THE ELECTRICAL CONTRACTOR IS TO PROVIDE, AT YET TO BE DECIDED LOCATIONS, TEN (10) CONDUIT SUB-UPS, WHICH ARE TO INCLUDE 4" OUTLET BOXES, PLASTER RINGS, COVER PLATES, AND CONDUIT TO ABOVE THE CEILING, FIVE ONE GANG AND FIVE TWO GANG. IN ADDITION, PROVIDE FIVE (5) SINGLE GANG SUB-UPS WHICH ARE TO INCLUDE 4" OUTLET BOXES, PLASTER RINGS, COVER PLATES, INCLUDING ONE RECEPTACLE OR SWITCH WITH 50 FEET OF CIRCUIT WIRING PER SINGLE GANG SUB-UP. COMBINED TOTAL NUMBER OF SUB-UPS REQUIRED IS ONE FIFTEEN (15).

14. ALLOW FOR THE ADDITION OF 2 (TWO) NEW EXIT LIGHTS WITH WIRING TO UNSWITCHED LIGHTING CIRCUIT.

15. THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR THE FOLLOWING SYSTEMS:

A. POWER AND LIGHTING:

1. ALL DEVICE PLATES ARE STAINLESS STEEL. COORDINATE COLOR OF DEVICES WITH THE ARCHITECT.

2. ALL 20A 120V AND 250V NON-LOCKING TYPE RECEPTACLES, UNLESS OTHERWISE NOTED, SHALL BE TAMPER RESISTANT TYPE PER NEC 406.12.

3. WHERE DEVICES ARE SHOWN NEXT TO EACH OTHER, THEY ARE INTENDED TO BE GANGED. FIELD VERIFY ACTUAL SPACE AVAILABLE AND NOTIFY THE ARCHITECT WHERE THERE ARE SPACE CONFLICTS.

4. LOW VOLTAGE WIRING IS TO BE ENCASED IN CONDUIT IN AREAS WITH NO CEILING.

5. RECEPTACLES FOR EQUIPMENT SUCH AS ELECTRIC WATER COOLERS SHALL BE LOCATED IN THE WALL AT A LOCATION WHICH IS CONCEALED BY THE EQUIPMENT CABINET.

6. ALL EMPTY CONDUITS ARE TO CONTAIN A NYLON PULL STRING. EMPTY CONDUITS 2" AND LARGER ARE TO BE SNAPPED OUT AND LEFT WITH A NYLON PULL ROPE FOR THE USE OF THE OWNER.

7. COORDINATE WITH THE GENERAL CONTRACTOR AND THE INSULATION CONTRACTOR TO HOLD THE BATT INSULATION AWAY FROM ALL LAY-IN FIXTURES. CLEARANCE SHOULD BE 3" ON ALL SIDES, AND TOTALLY CLEAR ON THE TOP.

8. ROOM NUMBERS USED IN THE PANEL SCHEDULES ARE TO REFLECT ROOM NUMBERS BY THE OWNER. ARCHITECT WILL PROVIDE CROSS OVER LIST DURING THE PROJECT.

9. ALL CONDUITS ARE TO CONTAIN A GREEN GROUNDING CONDUCTOR, SIZED PER THE N.E.C.

10. WIRE SIZES:

WIRE SIZE 120V

WIRE SIZE 277V

A. #12 LESS THAN 75 FEET

LESS THAN 150 FEET

B. #10 BETWEEN 75-150 FEET

BETWEEN 150-300 FEET

C. #8 BETWEEN 150-250 FEET

BETWEEN 300-450 FEET

D. #6 BETWEEN 250-375 FEET

BETWEEN 450-700 FEET

B. FIRE ALARM

1. ALL FIRE ALARM OUTLET BOXES ARE TO BE PAINTED RED.

2. INSTALL FIRE ALARM SYSTEM PER N.F.P.A. AND ALL STATE AND LOCAL ORDINANCES.

3. COORDINATE THE OVERALL FIRE ALARM SYSTEM WITH THE FIRE MARSHAL. FURNISHING ALL DEVICES AND SYSTEMS NECESSARY FOR A COMPLETE ACCEPTABLE SYSTEM. NO EXTRA CHARGES WILL BE ALLOWED, OUTSIDE OF THE CONTRACT PRICE. THE FIRE ALARM CONTRACTOR IS TO SUBMIT PLANS TO THE FIRE MARSHAL FOR FINAL APPROVAL PRIOR TO BEGINNING CONSTRUCTION.

4. PROVIDE DEVICES ADDRESSIBLE TO EXISTING FIRE ALARM CONTROL PANEL.

C. CONDUIT AND CABLE SYSTEM FOR DATA AND TELEPHONE WIRING.

1. CONDUIT FOR DATA AND TELEPHONE SYSTEM, TO INCLUDE SLEEVES IN FIRE WALLS.

2. CABLE IS NOT TO BE INSTALLED EXPOSED. VERIFY WITH MECHANICAL PLANS FOR PLENUM SPACES CABLE IN THESE AREAS IS PLENUM RATED.

3. ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR BOXES AND CONDUIT ONLY. COORDINATE WITH THE OWNERS INSTALLERS

**MOUNTING HEIGHT KEYED NOTE:**

1 4'-0" MAXIMUM TO TOP OF DEVICE UNLESS LOCATED ABOVE OBSTRUCTION (OR NOTED OTHERWISE) THEN MAXIMUM 4" ABOVE THE OBSTRUCTION. COORDINATE WITH MILLWORK.

2 MOUNT NEAR RETURN AIR GRILLE.

3 THE HEIGHT OF THE MANUAL FIRE ALARM BOXES SHALL BE A MINIMUM OF 42" AND A MAXIMUM OF 48" MEASURED VERTICALLY, FROM THE FLOOR LEVEL TO THE ACTIVATING HANDLE OR LEVER OF THE BOX.

4 ABOVE COUNTER MOUNTED DEVICES. INSTALL DEVICES ABOVE BACKSPLASH AND COORDINATED WITH MILLWORK. DATA/TELEPHONE DEVICES SHOWN ADJACENT TO ABOVE COUNTER RECEPTACLES TO BE TO BE MOUNTED AT SAME HEIGHT.

**NOTE:**

1. ALL DEVICES SHOWN MAY NOT BE USED.

2. DETAIL INDICATES TYPICAL MOUNTING HEIGHTS ONLY.

3. DEVICES SHALL BE INSTALLED PLUMB, SQUARE AND TRUE.

4. ALL DEVICES INSTALLED AT A SINGLE LOCATION SHALL BE ALIGNED U.N.O.

5. COORDINATE ALL MOUNTING HEIGHTS WITH ARCHITECT.

**1 MOUNTING HEIGHT DETAIL**

N.T.S.

**LIGHTING FIXTURE SCHEDULE**

MARK	VOLT	WATT	LAMP		MOUNTING				MANUFACTURER	CATALOG NO.	REMARKS
			NO.	TYPE	BRKT	PEND	REC	SURF			
E1	UNV	7	--	LED				X	LITHONIA	ELM4L	EMERGENCY EGRESS FIXTURE. REQUIRES UNSWITCHED HOT WIRE.
EXIT	UNV	5	--	LED					LITHONIA	EXRG M6	EXIT SIGN, UNIVERSAL MOUNT- SEE PLANS FOR NUMBER OF SIDES AND CHEVRONS. REQUIRES UNSWITCHED HOT WIRE.
ER	--	--	--	--					--	--	EXISTING TO REMAIN FIXTURE.
RRE	--	--	--	--					--	--	EXISTING FIXTURE TO BE RELOCATED.

**NOTE :** HOLD ALL INSULATION OFF RECESSED FIXTURES AND A MINIMUM OF 3" TO THE SIDE.

**NOTE :** EXIT LIGHTS AND EMERGENCY LIGHTS REQUIRES UNSWITCHED HOT WIRE PER MANUFACTURER RECOMMENDATION.

**NOTE :** EM OR NL DENOTES EMERGENCY BATTERY PACK GOOD FOR MINIMUM OF 1.5 HOURS.

**NOTE :** ELECTRICAL CONTRACTOR TO PROVIDE AND INSTALL DRIVER AND LEDS THAT WILL PROVIDE THE OWNER WITH A FIVE YEAR WARRANTY.

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Architectural drawing showing electrical plans for a remodel project. The drawing includes a legend, general electrical notes, a lighting fixture schedule, and a mounting height detail. The legend defines symbols for duplex receptacles, data outlets, switches, fire alarm devices, and security equipment. General notes specify installation requirements and responsibilities. The lighting fixture schedule lists fixtures like E1, EXIT, ER, and RRE with their specifications. The mounting height detail shows a cross-section of a wall with various devices and their mounting heights relative to the finished floor. The drawing is signed by HSA Engineering, dated 10/25/2024, and is for Washington Co. Sheriff Office, Fayetteville, AR.

**LEGEND**

DUPLEX RECEPTACLE (NEVA 5-20R) OR-DOUBLE DUPLEX, TAMPER RESISTANT, COMMERCIAL SPECIFICATION GRADE.

DUPLEX RECEPTACLE GROUND FAULT NEVA 5-20R, TAMPER RESISTANT, COMMERCIAL SPECIFICATION GRADE.

DATA: REQUIRES 4" SQUARE OUTLET BOX, APPROPRIATE PLASTER RING, AND 1" C. STUBBED TO AN ACCESSIBLE LOCATION ABOVE A REMOVABLE CEILING TILE.

FLUSH MOUNTED JUNCTION BOX. VERIFY MOUNTING HEIGHT WITH MILLWORK DETAILS AND/OR THE OWNER'S REPRESENTATIVE. AT EQUIPMENT LOCATIONS VERIFY THE EXACT LOCATION WITH THE EQUIPMENT INSTALLER PRIOR TO ROUGH-IN.

SWITCH TYPE 1221 (3" INDICATES 3-WAY SWITCH, "D" INDICATES DIMMER COORDINATE WITH FIXTURE/LAMP TYPE AND CIRCUIT WATTAGE.

EXIT LIGHT - ARROW DENOTES INCLUSION OF ARROW ON LENS. CONTRACTOR TO COORDINATE PROPER MOUNTING DETAILS.

BRANCH CIRCUIT HOMERUN, PANEL AND CIRCUIT NUMBER INDICATED.

CEILING FIRE ALARM VISUAL STROBE LIGHT-WP DENOTES WEATHER RESISTANT. REQUIRES 4" SQUARE BOX WITH 3/4" CONDUIT STUBBED ABOVE ACCESSIBLE CEILING. NUMBER DENOTES CANDELA RATING.

WALL MOUNT FIRE ALARM VISUAL STROBE LIGHT-WP DENOTES WEATHER RESISTANT. REQUIRES 4" SQUARE BOX WITH 3/4" CONDUIT STUBBED ABOVE ACCESSIBLE CEILING. NUMBER DENOTES CANDELA RATING.

CEILING FIRE ALARM SPEAKER/STROBE LIGHT-WP DENOTES WEATHER RESISTANT. REQUIRES 4" SQUARE BOX WITH 3/4" CONDUIT STUBBED ABOVE ACCESSIBLE CEILING. NUMBER DENOTES CANDELA RATING; LETTER DENOTES VOICE (S) OR HORN (H)

WALL MOUNT FIRE ALARM SPEAKER/STROBE LIGHT-WP DENOTES WEATHER RESISTANT. REQUIRES 4" SQUARE BOX WITH 3/4" CONDUIT STUBBED ABOVE ACCESSIBLE CEILING. NUMBER DENOTES CANDELA RATING.

THERMOSTAT, MOUNT. @ 48" A.F.F. TO CENTER OF BOX (NUMBER DENOTES HVAC UNIT).

SENSOR, MOUNT @ 54" TO CENTER IN SEPARATE SINGLE GANG BOX.

SECURITY CAMERA. PROVIDE 3/4" CONDUIT TO ABOVE AN ACCESSIBLE CEILING. COORDINATE WITH THE SECURITY CAMERA CONTRACTOR.

FLUSH MOUNTED OUTLET BOX, BOTTOM AT 48" A.F.F. FOR CARD READER. SUPPLY 3/4" CONDUIT TO AN ACCESSIBLE AREA ON THE INTERIOR, AND ONE 3/4" CONDUIT TO DOOR FRAME HEADER, FURNISH 120 VOLTS FROM THE NEAREST RECEPTACLE CIRCUIT. VERIFY WITH SECURITY CONTRACTOR.

ELECTRIC STRIKE - INSTALL 3/4" FLEXIBLE CONDUIT FROM STRIKE LOCATION IN DOOR JAMB TO ABOVE ACCESSIBLE CEILING COORDINATE WITH SECURITY CONTRACTOR.

DETAIL NUMBER

SHEET NUMBER

**SUBSCRIPTS:**

C = COORDINATE LOCATION WITH MILLWORK-MOUNTING HEIGHTS VARY. REFER TO THE ARCHITECTURAL MILLWORK DRAWINGS.

GFI = GROUND FAULT CIRCUIT INTERRUPTER.

WP = WEATHER RESISTANT RECEPTACLES ARE "GFI", WITH METAL WEATHER RESISTANT "WHILE-IN-USE" COVERS.

EM = FIXTURE CONTAINS EMERGENCY BATTERY PACK.

NL = UNSWITCHED EMERGENCY FIXTURE.

H = MOUNT HORIZONTALLY IN MILLWORK.

EC = ELECTRICAL CONTRACTOR

AFF = ABOVE FINISHED FLOOR

ENC = ELECTRIC WATER COOLER

NTS = NOT TO SCALE

**GENERAL ELECTRICAL NOTES-ALL SHEETS**

THESE NOTES ARE ONLY A SUPPLEMENT TO THE SPECIFICATIONS

1. THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR A COMPLETE WORKING INSTALLATION.

2. THIS CONTRACTOR IS TO COMPLY WITH THE STATE OF ARKANSAS ADOPTED ADA ACCESSIBLE GUIDELINES IN REGARD TO ACCESSIBLE FEATURES.

3. AT ALL MILLWORK LOCATIONS COORDINATE THE ELECTRICAL INSTALLATION WITH THE ARCHITECTURAL DRAWINGS.

4. PROVIDE FIRE RATED CAULKING WHERE CONDUIT OR OTHER ELECTRICAL ITEMS PASS THROUGH FIRE-RATED WALLS, CEILINGS AND FLOORS.

5. INSTALL ALL CONDUIT STRAIGHT AND PARALLEL WITH THE BUILDING LINES. ALL CONDUIT IS CONCEALED IN PUBLIC PLACES.

6. THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR ALL PERMIT AND FEE COSTS AND SHALL INCLUDE THESE COSTS IN THE BID PRICE FOR THIS PROJECT.

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2. ALL 20A 120V AND 250V NON-LOCKING TYPE RECEPTACLES, UNLESS OTHERWISE NOTED, SHALL BE TAMPER RESISTANT TYPE PER NEC 406.12.

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10. WIRE SIZES:

WIRE SIZE 120V

WIRE SIZE 277V

A. #12 LESS THAN 75 FEET

LESS THAN 150 FEET

B. #10 BETWEEN 75-150 FEET

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D. #6 BETWEEN 250-375 FEET

BETWEEN 450-700 FEET

B. FIRE ALARM

1. ALL FIRE ALARM OUTLET BOXES ARE TO BE PAINTED RED.

2. INSTALL FIRE ALARM SYSTEM PER N.F.P.A. AND ALL STATE AND LOCAL ORDINANCES.

3. COORDINATE THE OVERALL FIRE ALARM SYSTEM WITH THE FIRE MARSHAL. FURNISHING ALL DEVICES AND SYSTEMS NECESSARY FOR A COMPLETE ACCEPTABLE SYSTEM. NO EXTRA CHARGES WILL BE ALLOWED, OUTSIDE OF THE CONTRACT PRICE. THE FIRE ALARM CONTRACTOR IS TO SUBMIT PLANS TO THE FIRE MARSHAL FOR FINAL APPROVAL PRIOR TO BEGINNING CONSTRUCTION.

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1. CONDUIT FOR DATA AND TELEPHONE SYSTEM, TO INCLUDE SLEEVES IN FIRE WALLS.

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**MOUNTING HEIGHT KEYED NOTE:**

1 4'-0" MAXIMUM TO TOP OF DEVICE UNLESS LOCATED ABOVE OBSTRUCTION (OR NOTED OTHERWISE) THEN MAXIMUM 4" ABOVE THE OBSTRUCTION. COORDINATE WITH MILLWORK.

2 MOUNT NEAR RETURN AIR GRILLE.

3 THE HEIGHT OF THE MANUAL FIRE ALARM BOXES SHALL BE A MINIMUM OF 42" AND A MAXIMUM OF 48" MEASURED VERTICALLY, FROM THE FLOOR LEVEL TO THE ACTIVATING HANDLE OR LEVER OF THE BOX.

4 ABOVE COUNTER MOUNTED DEVICES. INSTALL DEVICES ABOVE BACKSPLASH AND COORDINATED WITH MILLWORK. DATA/TELEPHONE DEVICES SHOWN ADJACENT TO ABOVE COUNTER RECEPTACLES TO BE TO BE MOUNTED AT SAME HEIGHT.

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5. COORDINATE ALL MOUNTING HEIGHTS WITH ARCHITECT.

**1 MOUNTING HEIGHT DETAIL**

N.T.S.

**LIGHTING FIXTURE SCHEDULE**

MARK	VOLT	WATT	LAMP		MOUNTING				MANUFACTURER	CATALOG NO.	REMARKS
			NO.	TYPE	BRKT	PEND	REC	SURF			
E1	UNV	7	--	LED				X	LITHONIA	ELM4L	EMERGENCY EGRESS FIXTURE. REQUIRES UNSWITCHED HOT WIRE.
EXIT	UNV	5	--	LED					LITHONIA	EXRG M6	EXIT SIGN, UNIVERSAL MOUNT- SEE PLANS FOR NUMBER OF SIDES AND CHEVRONS. REQUIRES UNSWITCHED HOT WIRE.
ER	--	--	--	--					--	--	EXISTING TO REMAIN FIXTURE.
RRE	--	--	--	--					--	--	EXISTING FIXTURE TO BE RELOCATED.

**NOTE :** HOLD ALL INSULATION OFF RECESSED FIXTURES AND A MINIMUM OF 3" TO THE SIDE.

**NOTE :** EXIT LIGHTS AND EMERGENCY LIGHTS REQUIRES UNSWITCHED HOT WIRE PER MANUFACTURER RECOMMENDATION.

**NOTE :** EM OR NL DENOTES EMERGENCY BATTERY PACK GOOD FOR MINIMUM OF 15 HOURS.

**NOTE :** ELECTRICAL CONTRACTOR TO PROVIDE AND INSTALL DRIVER AND LEDS THAT WILL PROVIDE THE OWNER WITH A FIVE YEAR WARRANTY.

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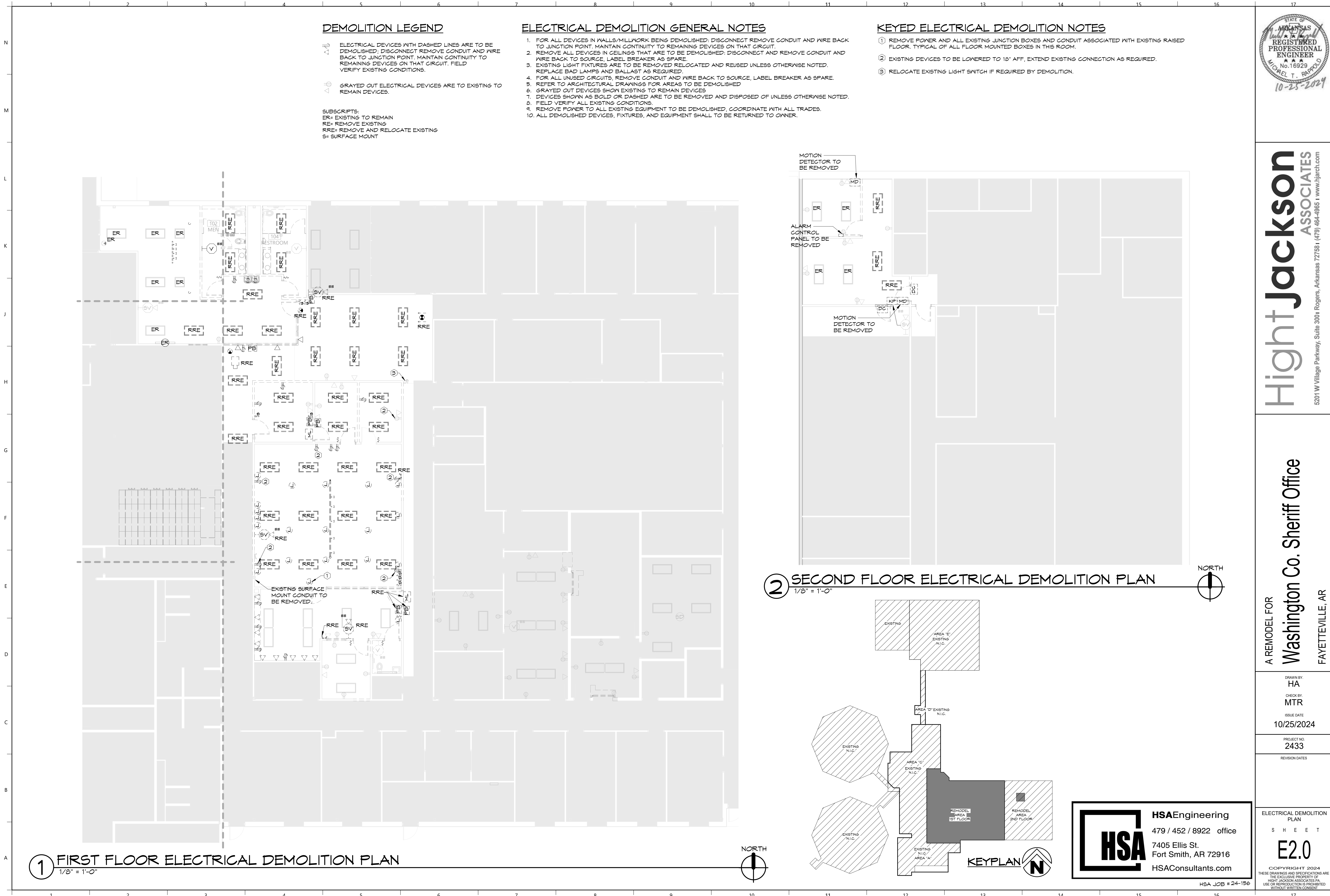
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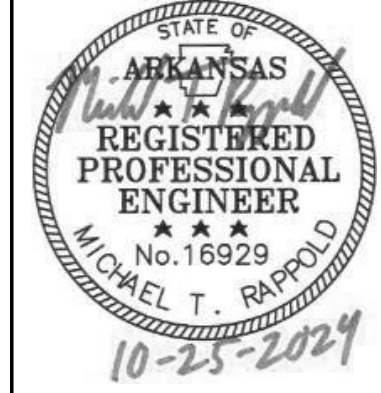
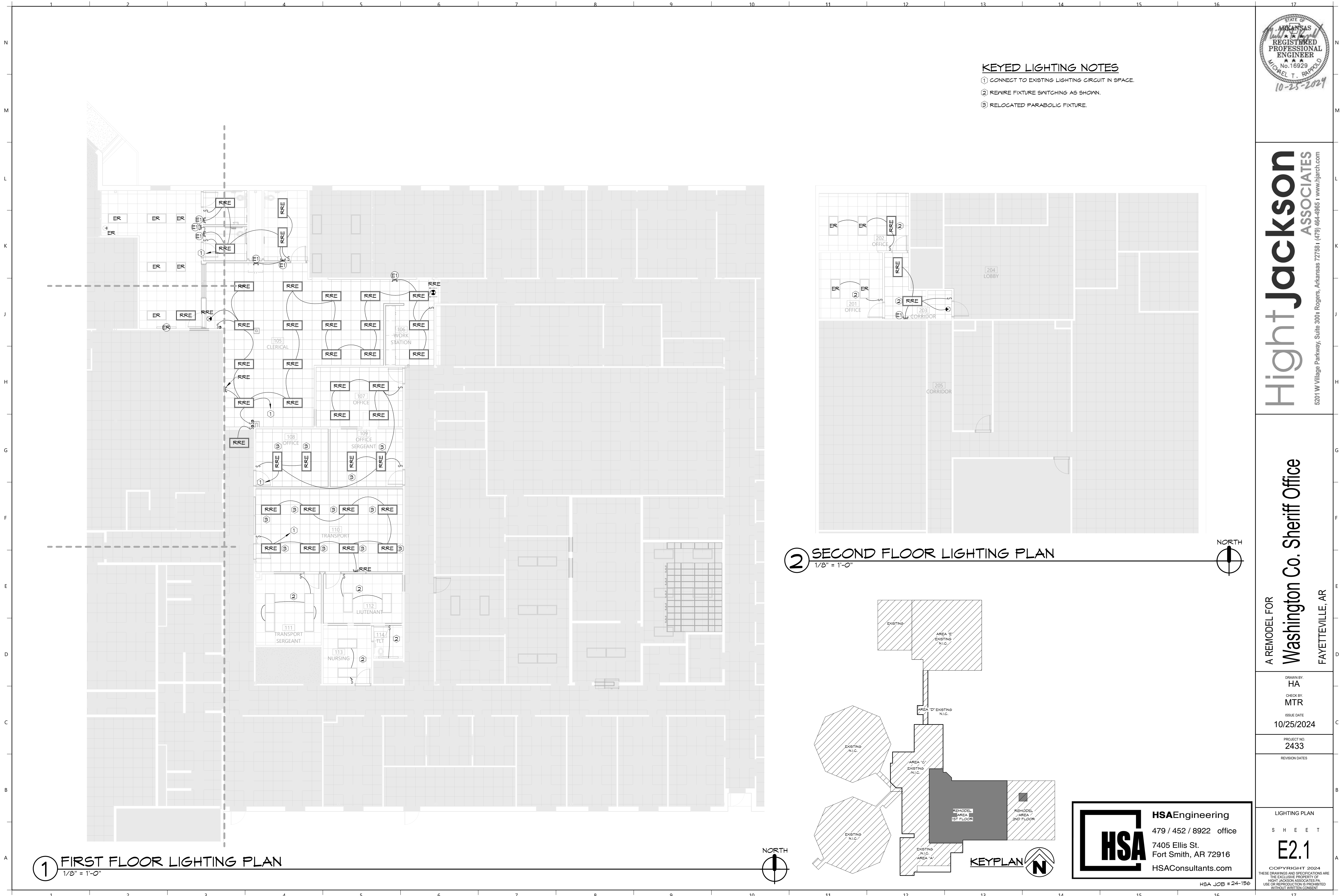
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**Washington Co. Sheriff Office</**









**Hight Jackson**  
ASSOCIATES  
5201 W Village Parkway, Suite 300 | Rogers, Arkansas 72768 | (479) 464-4965 | www.hjarch.com

A REMODEL FOR  
**Washington Co. Sheriff Office**  
FAYETTEVILLE, AR

DRAWN BY:  
HA  
CHECK BY:  
MTR  
ISSUE DATE  
10/25/2024

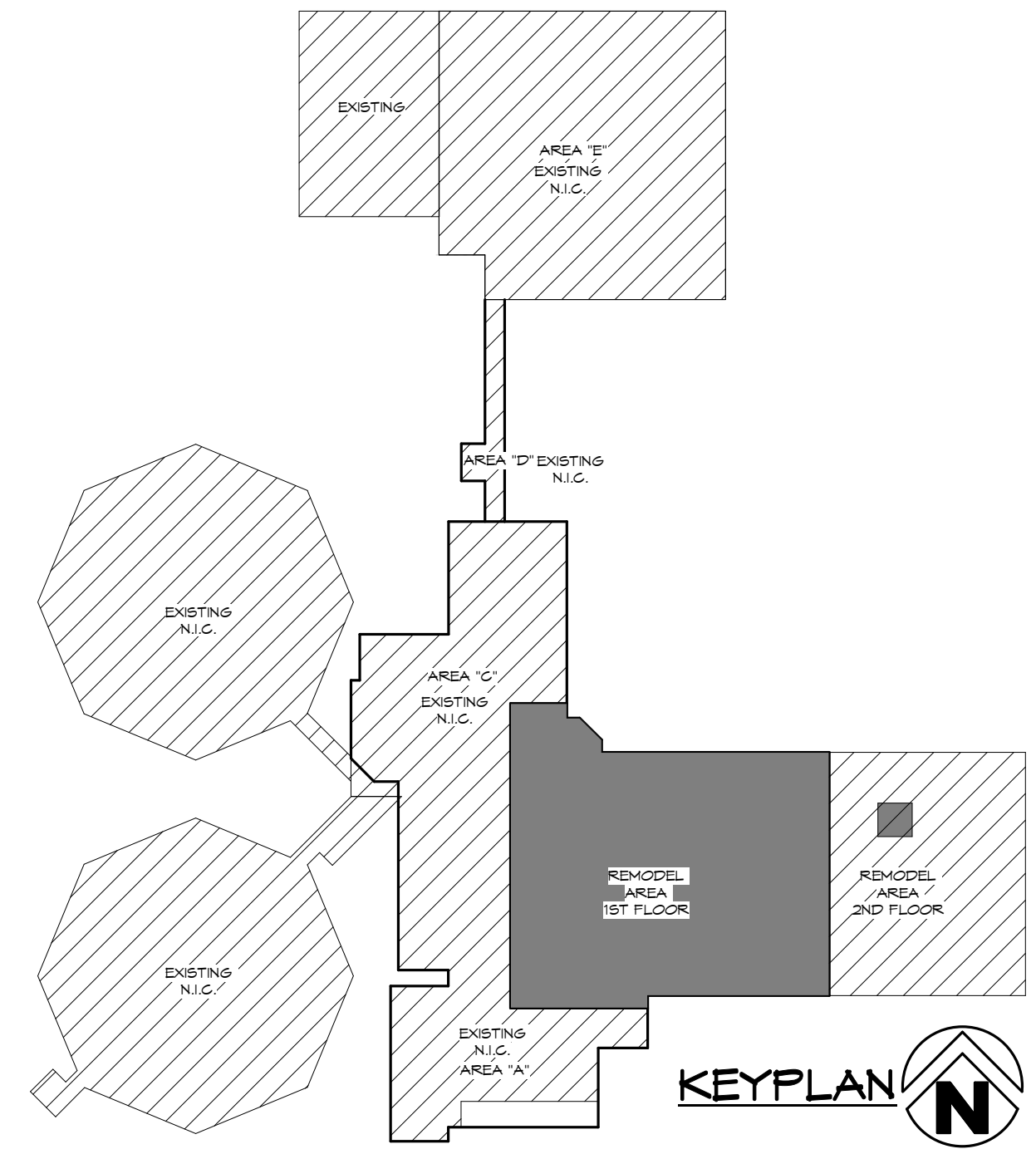
PROJECT NO.  
2433

REVISION DATES

LIGHTING PLAN  
SHEET  
**E2.1**  
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- KEYED LIGHTING NOTES**
- ① CONNECT TO EXISTING LIGHTING CIRCUIT IN SPACE.
  - ② REMIRE FIXTURE SWITCHING AS SHOWN.
  - ③ RELOCATED PARABOLIC FIXTURE.







KEYED POWER NOTES

- ① NOT USED.
- ② CONNECT NEAREST EXISTING 120V RECEPTACLE CIRCUIT.
- ③ CIRCUIT TO EXISTING PANEL EL4, REUSE EXISTING 20A SINGLE POLE BREAKER, PROVIDE 2-#10 WIRES, 1-#10 GROUND IN A 3/4" CONDUIT.
- ④ CIRCUIT TO EXISTING PANEL EL4, REUSE EXISTING 20A SINGLE POLE BREAKER, PROVIDE 2-#12 WIRES, 1-#12 GROUND IN A 3/4" CONDUIT.



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POWER PLAN  
SHEET  
**E.2.2**  
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