

# NEW ENTRY FOR CHICOT ELEMENTARY SCHOOL LITTLE ROCK SCHOOL DISTRICT

CHICOT ELEMENTARY SCHOOL  
11100 CHICOT ROAD, MABELVALE, AR 72103

As-Builts  
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9/18/2023

BUILDING CODE SUMMARY- ARKANSAS FIRE PREVENTION CODE 2007 EDITION BASED ON THE 2006 IFC, IBC, IRC.			
SECTION 1 - GENERAL DATA			
NAME OF PROJECT	CHICOT ELEMENTARY SCHOOL - NEW ENTRY		
ADDRESS	11100 CHICOT ROAD, MABELVALE, AR 72103		
CONSTRUCTION DESCRIPTION	NEW CONSTRUCTION	RENOVATION	TENANT BUILD-OUT
SCOPE OF WORK:	RENOVATE EXISTING MAIN ENTRANCE AND FRONT OFFICE AREA OF EXISTING ELEMENTARY SCHOOL.		
RENOVATIONS	IS THE WORK A CHANGE OF OCCUPANCY <input type="checkbox"/> NO		
SECTION 2 - BUILDING USE / OCCUPANCY			
IDENTIFY ALL USE / OCCUPANCY CLASSIFICATION	EDUCATIONAL - E		
GROUPS IN TH BUILDING (i.e. B, M, R-2, H, ect.)			
LIST ALL OCCUPANCY FIRE SEPARATION BARRIER RATINGS REQUIRED (i.e. B to S-2 = 2HR), IBC TABLE 508.3.3 - INCLUDE BOTH HORIZ. & VERT. SEPARATIONS OR IDENTIFY BUILDING IS CONSTRUCTED PER IBC 508.3.2 FOR NON-SEPARATED USES (Underline if using this provision)	to	=	hr(s)
	to	=	hr(s)
	to	=	hr(s)
	to	=	hr(s)
SECTION 3 - BUILDING CONSTRUCTION			
LIST CONSTRUCTION TYPE(S) USED IN THE DESIGN OF THE STRUCTURE (i.e. IA, IIB, VB, ect.)	IIB		
	ALLOWED	PROPOSED	
BUILDING HEIGHT (per IBC Table 503)	55	14	
NUMBER OF STORIES (per IBC Table 503)	2	1	
ARE AUTOMATIC SPRINKLERS USED FOR HEIGHT MODIFICATIONS?	NO		
SYSTEM TYPE USED (13, 13R, 13D)	13		
IS THERE A BASEMENT	<input checked="" type="checkbox"/> NO	YES	SQUARE FOOTAGE
IS AN AUTOMATIC SPRINKLER SYSTEM USED IN PLACE OF 1-HOUR CONSTRUCTION? (PER IBC TABLE 601, FOOTNOTE D)	YES	X NO	
LIST RESISTANCE OF EXTERIOR WALLS BASED ON FIRE SEPARATION DISTANCE (PER IBC TABLE 602)	RATING	OPENING PROTECTION	
1. NORTH WALL	0	0	
1. EAST WALL	0	0	
3. SOUTH WALL	0	0	
4. EAST WALL	0	0	
FIRE RESISTANCE RATING REQUIREMENTS (TABLE 601)	RATING REQ'D.	RATING PROVIDED	ASSEMBLY #
STRUCTURAL FRAME	0	0	
BEARING WALLS - EXTERIOR	0	0	
BEARING WALLS - INTERIOR	0	0	
NON-BEARING WALLS & PARTITIONS - EXTERIOR	0	0	
NON-BEARING WALLS & PARTITIONS - INTERIOR	0	0	
FLOOR CONSTRUCTION	0	0	
ROOF CONSTRUCTION	0	0	
SECTION 4 - BUILDING AREA LIMITATIONS: "ALLOWABLE" AND "ACTUAL"			
AREA LIMITATIONS FOR EACH PROPOSED IBC USE / OCCUPANCY GROUP	OCCUPANCY 1	If Applicable OCCUPANCY 2	If Applicable OCCUPANCY 3
IBC USE / OCCUPANCY GROUP	E		
TABLE 503 AREA LIMITATION (PER IBC TABLE 503)	14,500		
FRONTAGE AREA INCREASE MULTIPLIER (IF USED), (PER IBC 506.2)	0.75		
AUTOMATIC SPRINKLER SYSTEM (IF USED) AREA INCREASE MULTIPLIER (PER IBC 506.2)	3		
TOTAL ALLOWABLE FLOOR AREA (EQUATION 5-1 / IBC 506.1)	68,875		
TOTAL ALLOWABLE BUILDING AREA (PER IBC 506.4)	N/A		
DOES THE BUILDING QUALIFY FOR UNLIMITED AREA (PER IBC 507)	YES	X	NO
PROPOSED AREA OF BUILDING BY FLOOR			
FIRST FLOOR	44,615 APPROX.		
MEZZANINE			
SECOND FLOOR			
THIRD FLOOR			
OTHER FLOORS (USE ADDITIONAL PAGES AS REQ'D)			
TOTAL AREA PER OCCUPANCY			
TOTAL BUILDING AREA	44,615	APPROX. EXISTING BLDG.	

EXISTING EGRESS / OCCUPANCY LOAD TO REMAIN. NO CHANGES TO NUMBER OR CONFIGURATION OF EXITS.

CORRIDORS: GROUP E WITH SPRINKLER SYSTEM 0 HRS PER TABLE 1018.1

## PROJECT TEAM:

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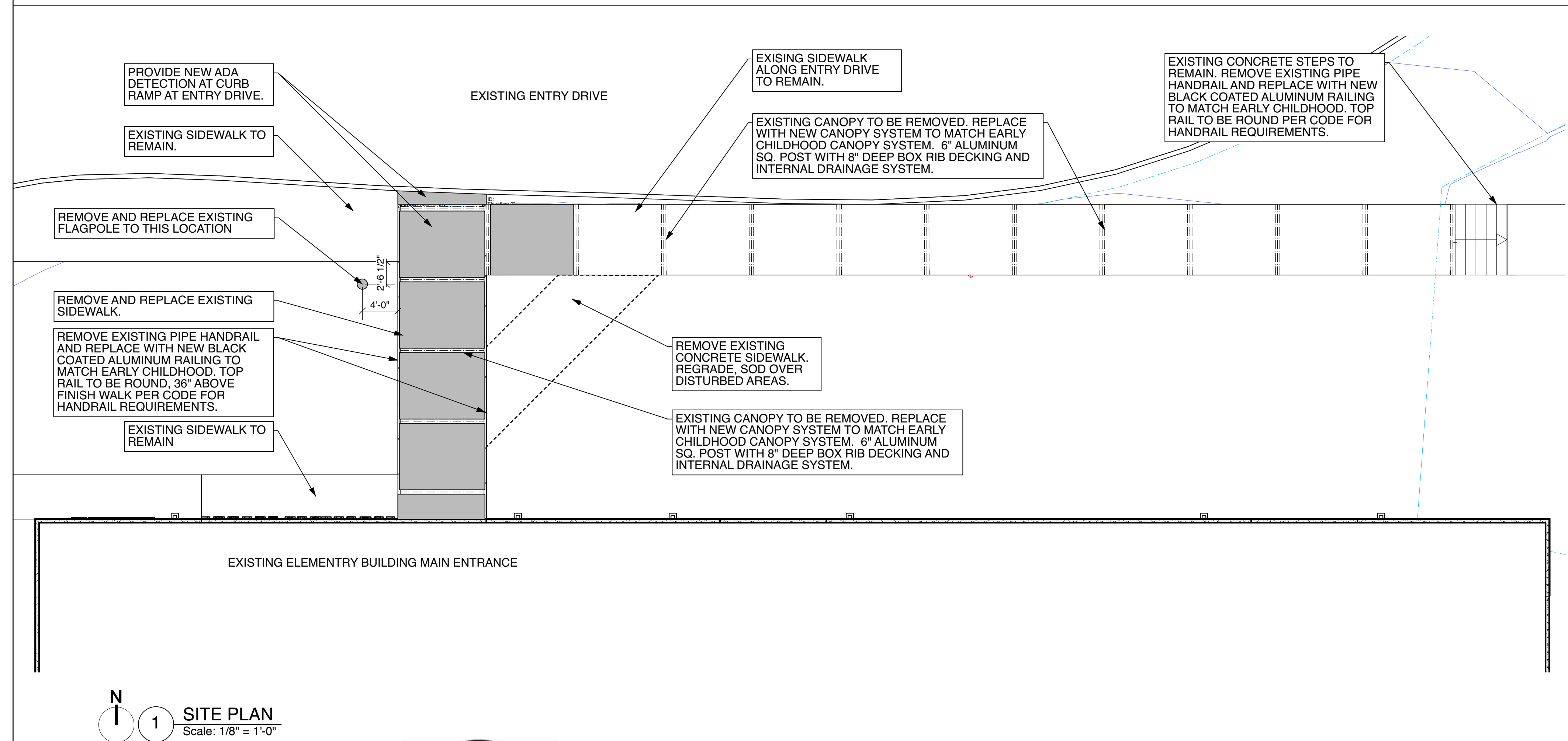
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## DRAWING INDEX:

A0.0	COVER SHEET / SITE PLAN
A1.0	DEMOLITION FLOOR PLAN
A1.1	NEW FLOOR PLAN AND SCHEDULES
A1.2	DEMOLITION REFLECTED CEILING PLAN
A1.3	NEW REFLECTED CEILING PLAN
A1.4	INTERIOR ELEVATIONS
A2.0	ELEVATIONS AND NOTES

## MECHANICAL / ELECTRICAL

M1.0	MECHANICAL PLAN NOTES & DETAILS
E1.0	ELECTRICAL PLAN NOTES & DETAILS



No.	Date	Issue Notes
B	2/20/23	FINAL ISSUE SET
A	9/7/22	ISSUE SET

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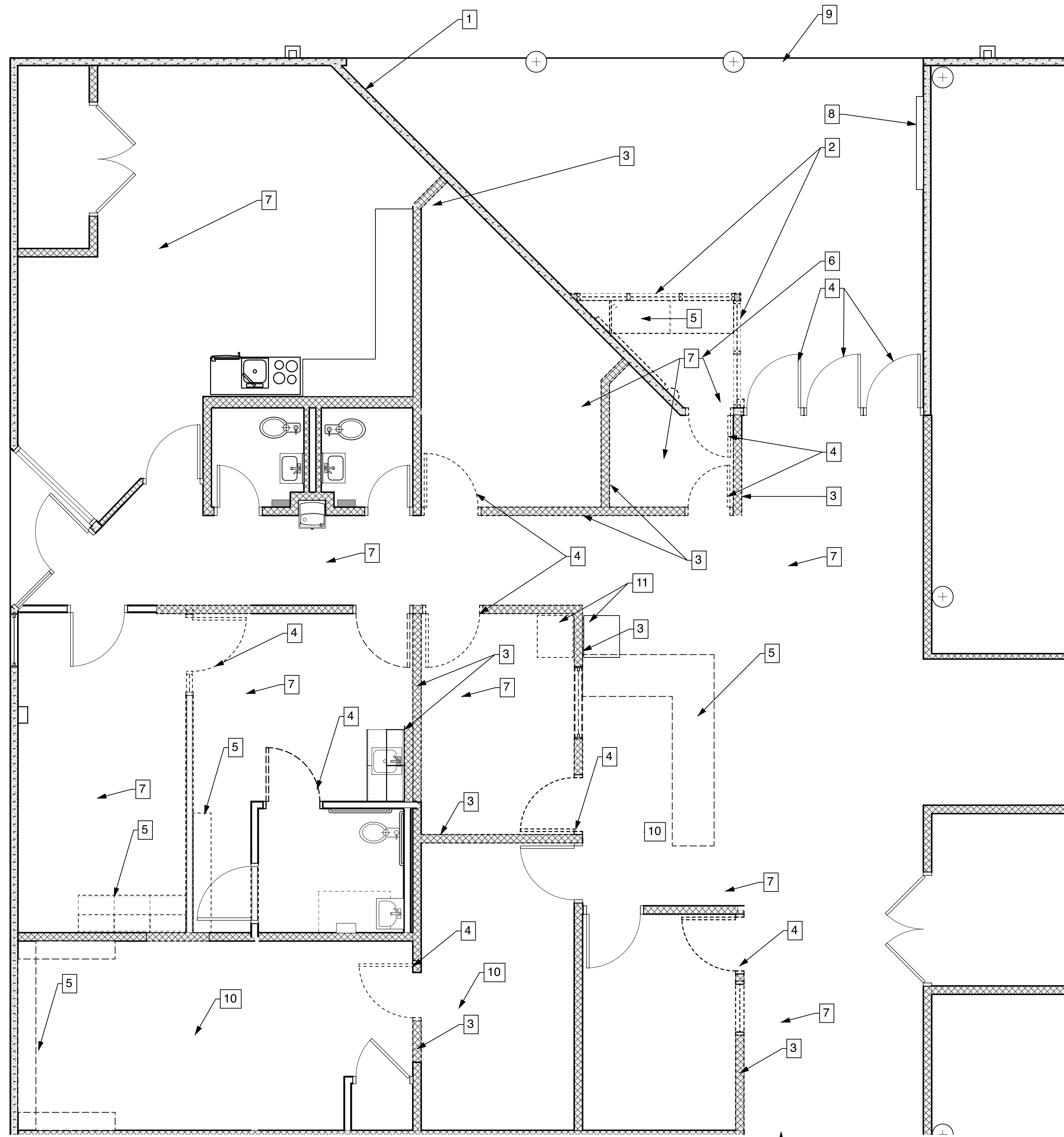
**CHICOT ELEMENTARY SCHOOL**  
11100 Chicot Road  
Mabelvale, AR 72103

Project ID: 2022-01  
Date: 05/17/2022  
CAD File Name: Proposed flrplan v2023.vwx

herron horton architects

Cover Sheet  
**A0.0**





**DEMOLITION NOTES**

1. REMOVE EXISTING CONCRETE WALL
2. REMOVE EXISTING STOREFRONT GLAZING AND WALL
3. REMOVE EXISTING CONCRETE BLOCK WALL
4. REMOVE EXISTING DOORS, FRAMES AND JAMBS.
5. REMOVE EXISTING MILLWORK
6. REMOVE ALL ELECTRICAL I.E. OUTLETS, LIGHTING, DATA
7. REMOVE EXISTING VCT FLOORING & BASE
8. REMOVE EXISTING GLASS CASE BULLETIN BOARD AND RETURN TO LRSD (OWNER).
9. REMOVE EXISTING SIGNAGE/LETTERING ABOVE ENTRY
10. REMOVE EXISTING CARPET & BASE
11. EXISTING INTERCOM & PHONE TO RELOCATE TO OTHER SIDE OF WALL

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

STOP SCOPE OF WORK AT LINE

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**CHICOT ELEMENTARY SCHOOL**  
11100 Chicot Road  
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DEMOLITION PLAN  
**A1.0**

Date	CAD File Name	Project ID
05/17/2022	Proposed firplan v2023.vwx	2022-01

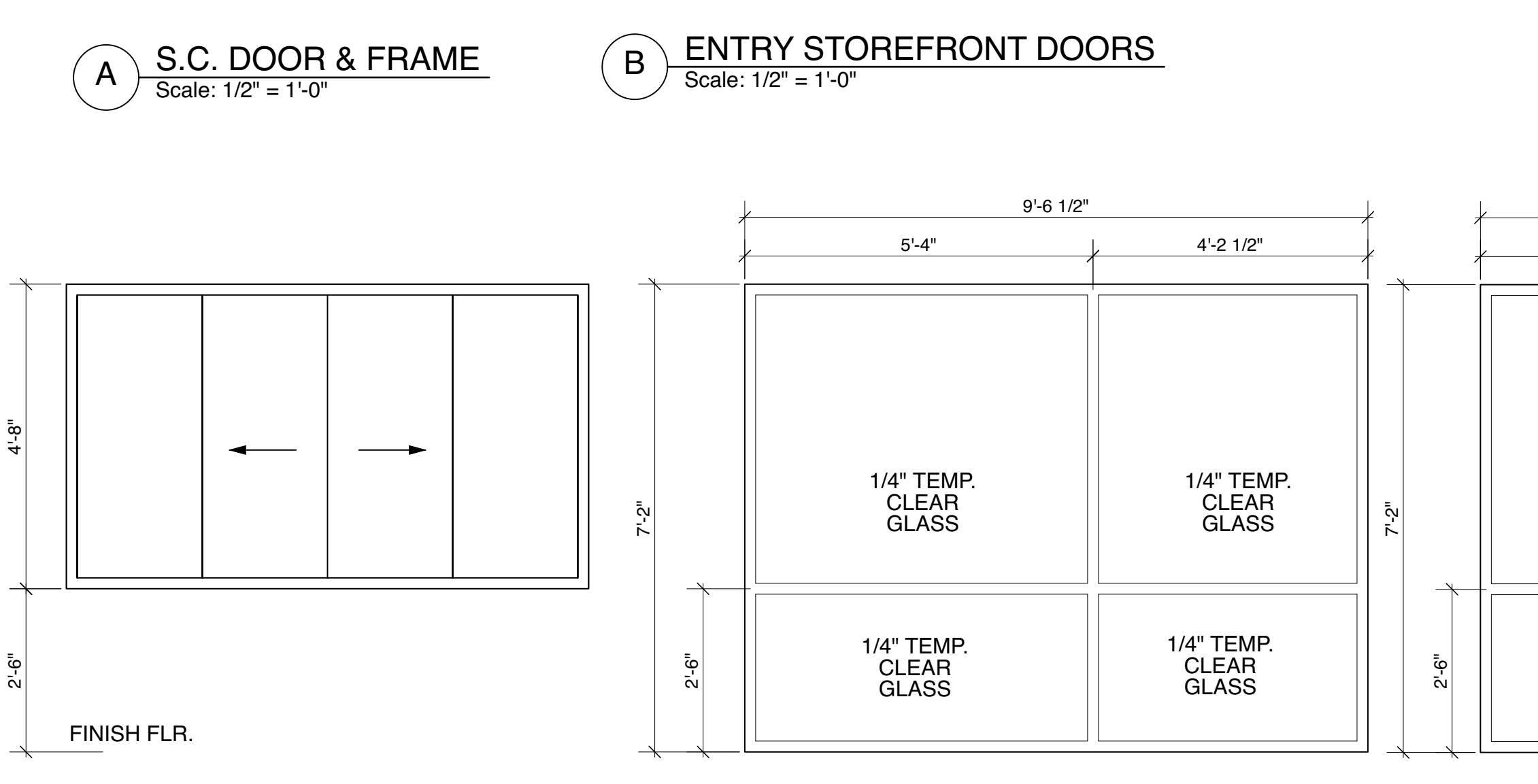
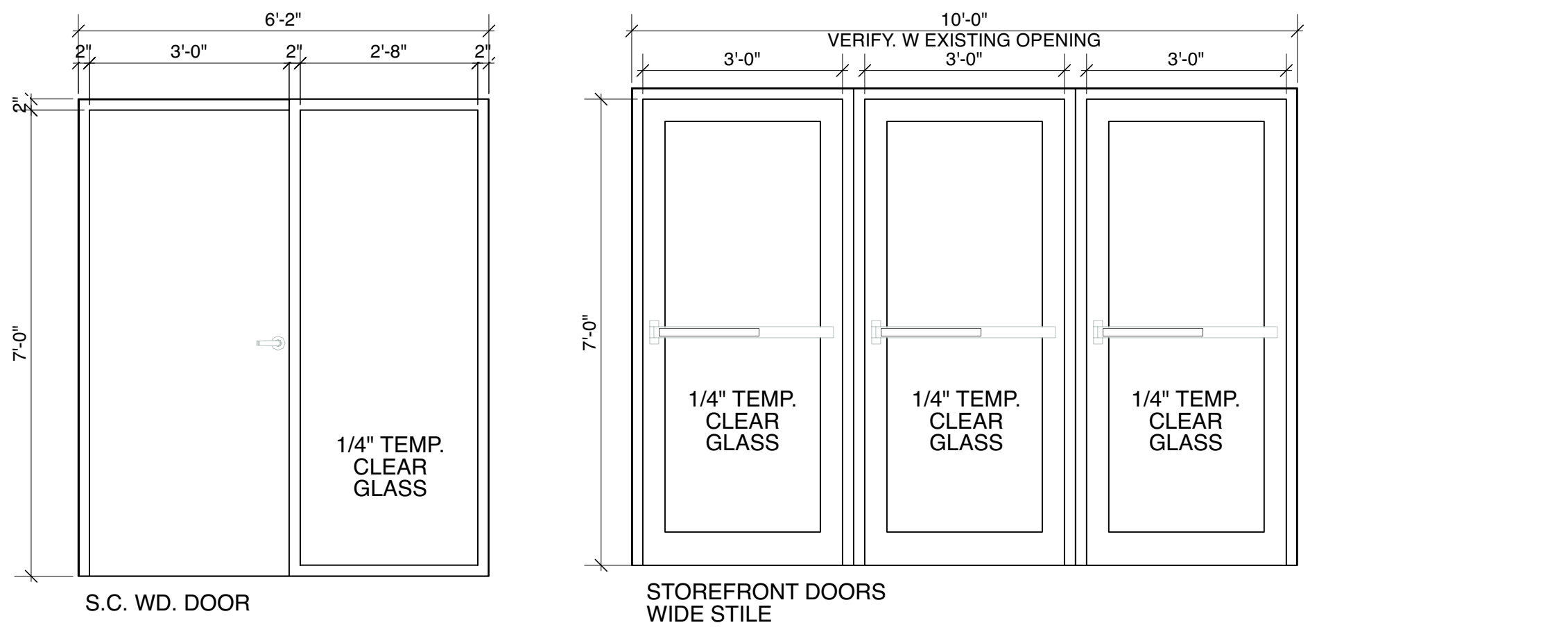


FINISH SCHEDULE									
No.	Room Name	Floor	Wall	Ceiling	Height	Remarks			
101	ENTRY	LVT FLOORING	4" Resilient Base - Coved	PAINT EXIST./NEW GYPSUM BD., CONCRETE BLK, H.M. FRAME	24" x 48" acoustic tile ceiling, exposed tee, straight edge	8'0"			
102	WAITING AREA	VCT TILE TO MATCH EXISTING	4" Resilient Base - Coved	PAINT EXIST./NEW GYPSUM BD., CONCRETE BLK, H.M. FRAME	24" x 48" acoustic tile ceiling, exposed tee, straight edge	8'0"			
103	MAIN OFFICE	CARPET TILE	4" Resilient Base - Coved	PAINT EXIST./NEW GYPSUM BD., CONCRETE BLK, H.M. FRAME	24" x 48" acoustic tile ceiling, exposed tee, straight edge	8'0"			
104	ASSISTANT PRINCIPAL	CARPET TILE	4" Resilient Base - Coved	PAINT EXIST./NEW GYPSUM BD., CONCRETE BLK, H.M. FRAME	24" x 48" acoustic tile ceiling, exposed tee, straight edge	8'0"			
105	BREAKROOM	LVT FLOORING	4" Resilient Base - Coved	PAINT EXIST./NEW GYPSUM BD., CONCRETE BLK, H.M. FRAME	24" x 48" acoustic tile ceiling, exposed tee, straight edge	8'0"			
106	HALLWAY	VCT TILE TO MATCH EXISTING	4" Resilient Base - Coved	PAINT EXIST./NEW GYPSUM BD., CONCRETE BLK, H.M. FRAME	24" x 48" acoustic tile ceiling, exposed tee, straight edge	8'0"			
107	HEALTH ROOM	LVT FLOORING	4" Resilient Base - Coved	PAINT EXIST./NEW GYPSUM BD., CONCRETE BLK, H.M. FRAME	24" x 48" acoustic tile ceiling, exposed tee, straight edge	8'0"			
108	SICK ROOM	LVT FLOORING	4" Resilient Base - Coved	PAINT EXIST./NEW GYPSUM BD., CONCRETE BLK, H.M. FRAME	24" x 48" acoustic tile ceiling, exposed tee, straight edge	8'0"			
109	BATHROOM	VCT TILE TO MATCH EXISTING	4" Resilient Base - Coved	PAINT EXIST./NEW GYPSUM BD., CONCRETE BLK, H.M. FRAME	24" x 48" acoustic tile ceiling, exposed tee, straight edge	8'0"			
110	RECORD STORAGE	VCT TILE TO MATCH EXISTING	4" Resilient Base - Coved	PAINT EXIST./NEW GYPSUM BD., CONCRETE BLK, H.M. FRAME	24" x 48" acoustic tile ceiling, exposed tee, straight edge	8'0"			
111	CONFERENCE ROOM	CARPET TILE	4" Resilient Base - Coved	PAINT EXIST./NEW GYPSUM BD., CONCRETE BLK, H.M. FRAME	24" x 48" acoustic tile ceiling, exposed tee, straight edge	8'0"			
112	SECRETARY	CARPET TILE	4" Resilient Base - Coved	PAINT EXIST./NEW GYPSUM BD., CONCRETE BLK, H.M. FRAME	24" x 48" acoustic tile ceiling, exposed tee, straight edge	8'0"			
113	HALLWAY	VCT TILE TO MATCH EXISTING	4" Resilient Base - Coved	PAINT EXIST./NEW GYPSUM BD., CONCRETE BLK, H.M. FRAME	24" x 48" acoustic tile ceiling, exposed tee, straight edge	8'0"			
114	PRINCIPAL	CARPET TILE	4" Resilient Base - Coved	PAINT EXIST./NEW GYPSUM BD., CONCRETE BLK, H.M. FRAME	24" x 48" acoustic tile ceiling, exposed tee, straight edge	8'0"			
114	COPY/STORAGE	VCT TILE TO MATCH EXISTING	4" Resilient Base - Coved	PAINT EXIST./NEW GYPSUM BD., CONCRETE BLK, H.M. FRAME	24" x 48" acoustic tile ceiling, exposed tee, straight edge	8'0"			
115	RESOURCE ROOM	CARPET TILE	4" Resilient Base - Coved	PAINT EXIST./NEW GYPSUM BD., CONCRETE BLK, H.M. FRAME	24" x 48" acoustic tile ceiling, exposed tee, straight edge	8'0"			

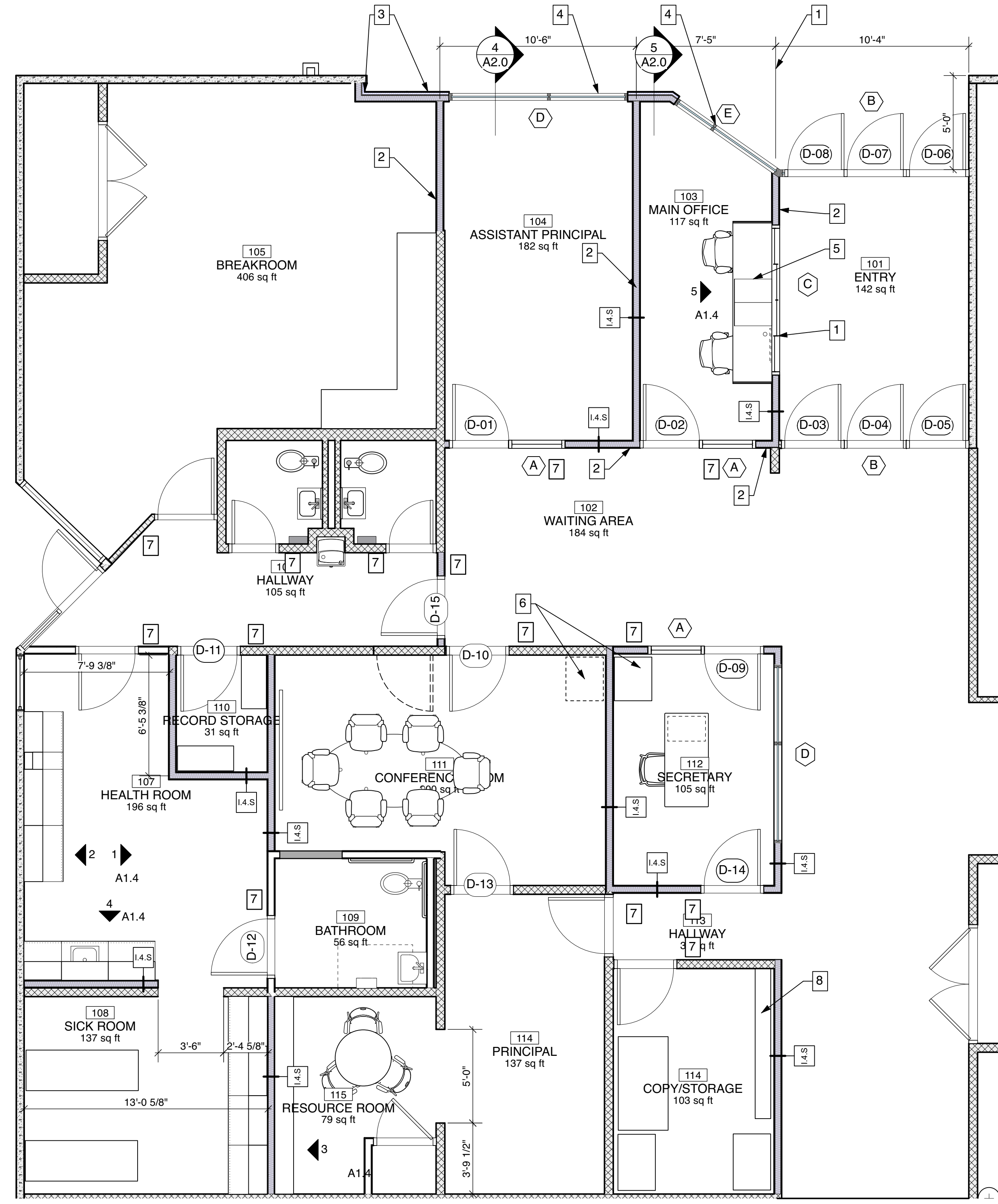
DOOR SCHEDULE									
MARK	NOMINAL SIZE	DOOR STYLE	DOOR DATA	FRAME DATA	HARDWARE	NOTES			
D-01	3'-0" x 7'-0"	A	Solid core wood	Stained A	HM Welded	02			
D-02	3'-0" x 7'-0"	A	Solid core wood	Stained A	HM Welded	02			
D-03	3'-0" x 7'-0"	B	Glass	Aluminum	AL	01			
D-04	3'-0" x 7'-0"	B	Glass	Aluminum	AL	01			
D-05	3'-0" x 7'-0"	B	Glass	Aluminum	AL	01			
D-06	3'-0" x 7'-0"	B	Glass	Aluminum	AL	01			
D-07	3'-0" x 7'-0"	B	Glass	Aluminum	AL	01			
D-08	3'-0" x 7'-0"	B	Glass	Aluminum	AL	01			
D-09	3'-0" x 7'-0"	A	Solid core wood	Stained A	HM Welded	02			
D-10	3'-0" x 7'-0"	G	Custom	Solid Core Wood	Stained G	HM Welded			
D-11	3'-0" x 7'-0"	F	Solid	Solid Core Wood	Stained F	HM Welded			
D-12	3'-0" x 7'-0"	F	Solid	Solid core wood	Stained F	HM Welded			
D-13	3'-0" x 7'-0"	F	Solid	Solid core wood	Stained F	HM Welded			
D-14	3'-0" x 7'-0"	F	Solid	Solid core wood	Stained F	HM Welded			
D-15	3'-0" x 7'-0"	G	Custom	Solid Core Wood	Stained G	HM Welded			

HARDWARE SCHEDULE									
Set: 01									
Door: Storefront Entry Door									
1	Exit Device (rim, classroom)	33/ 98/99 Series	630	VD					
1	Removable Mullion	Von Duprin 4954/9954		VD					
1	Mortise or Rim Cylinder	As Required	626	BE					
1	Closer (surface)	LCN 4010 Spring Cush	689	LCN					
1	Continuous Hinge	By Aluminum Door Supplier	626						
1	Pulls	550.33GKRLT		Color to be selected	HEWI				
1	Threshold	2005T length as required.		AL	PE				
1	Door Sweep	321CN length as required		AL	PE				
1	Weatherstripping	By Aluminum Door Supplier							
Set: 02									
Doors: Offices									
3	Hinge	F179/F191		US26D	STAN				
1	Cylindrical Lock (office)	ND50PD	626	SCH					
1	Small Format Interchangeable Core	As Required	626	BE					
1	Wall Stop	409		US32D	RO				
3	Silencer	608			RO				
Set: 03									
Doors: Storage									
3	Hinge	F179/F191		US26D	STAN				
1	Cylindrical Lock (storage)	ND80PD	626	SCH					
1	Small Format Interchangeable Core	As Required	626	BE					
1	Wall Stop	409		US32D	RO				
3	Silencer	608			RO				
Set: 04									
Doors: Single Restroom									
3	Hinge	F179/F191		US26D	STAN				
1	Cylindrical Lever (Passage)	ND10PD	626	SCH					
1	Indicator Deadbolt	5571	626	SCH					
1	Wall Stop	409		US32D	RO				
3	Silencer	608			RO				
Set: 05									
Doors: Hallway									
3	Hinge	F179/F191		US26D	STAN				
1	Cylindrical Lever (passage)	ND10PD	626	SCH					
1	Wall Stop	409		US32D	RO				
3	Silencer	608			RO				

HARDWARE KEY	
KEY	MANUFACTURERS
LCN	Stanley Security Solutions (Best Locks)
BE	Pemko Manufacturing
PE	Pemko Manufacturing
STANLEY	Stanley
RO	Rockwood
SCH	Schlage
VD	Von Duprin
KEY	FINISHES
626/US26D	Satin Chromium Plated
630/US32D	Satin Stainless Steel
652	Satin Chromium Plated Steel
689	Painted Aluminum
AL	Aluminum Mill Finish



HARDWARE KEY	
KEY	FINISHES
626/US26D	Satin Chromium Plated
630/US32D	Satin Stainless Steel
652	Satin Chromium Plated Steel
689	Painted Aluminum
AL	Aluminum Mill Finish



- PLAN NOTES**
- NEW HOLLOW METAL WINDOW WITH SLIDING GLASS PANELS. SEE SHEET A1.1.
  - INSTALL NEW 3 5/8" METAL STUDS, FIBERGLASS SOUND BATTS AND 5/8" GYPSUM BOARD, BOTH SIDES, PAINT. INSTALL NEW RUBBER BASE TO MATCH EXISTING IN SIZE AND TYPE.
  - INSTALL NEW 3 5/8" METAL STUDS, FIBERGLASS INSULATION AND 5/8" GYPSUM BOARD ON INSIDE, 5/8" DENSELEMENT BARRIER SYSTEM WITH MCM PANEL SYSTEM ON EXTERIOR. PAINT INSIDE. NEW WALL BASE TO MATCH EXISTING ON INSIDE.
  - NEW CLEAR ANODIZED ALUMINUM STOREFRONT WITH 1" INSULATED LOW E GLASS. STOREFRONT TO EXTEND FROM FLOOR TO CEILING. SEE ELEVATIONS. SET SILL IN CONTINUOUS BED OF SEALANT. PROVIDE CONTINUOUS SEALANT AT PERIMETER.
  - NEW PLASTIC LAMINATE COUNTERTOP WITH PLASTIC LAMINATE SIDE PANELS, 2 PLASTIC LAMINATE DRAWER CABINETS. SEE ELEVATION.
  - EXISTING INTERCOM & PHONE TO RELOCATE TO OTHER SIDE OF WALL
  - WAYFINDING / ADA SIGN PANEL TO MATCH EXISTING. NAME AND ROOM NUMBER TO BE PROVIDED BY PRINCIPAL.
  - RELOCATED CUBBIES/SHELVING FROM EXISTING HALLWAY BY EXISTING TEACHER'S LOUNGE.

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WALL TYPE SCHEDULE						
IMAGE	MARK	DESCRIPTION	WALL FUNCTION	FIRE RATING	STC RATING	UL LISTING
	I.4.S	Interior metal framed partition, 3-5/8" metal studs, 5/8" Type X gypsum board each side, acoustical fiber glass batts.	Interior partition		STC 50	

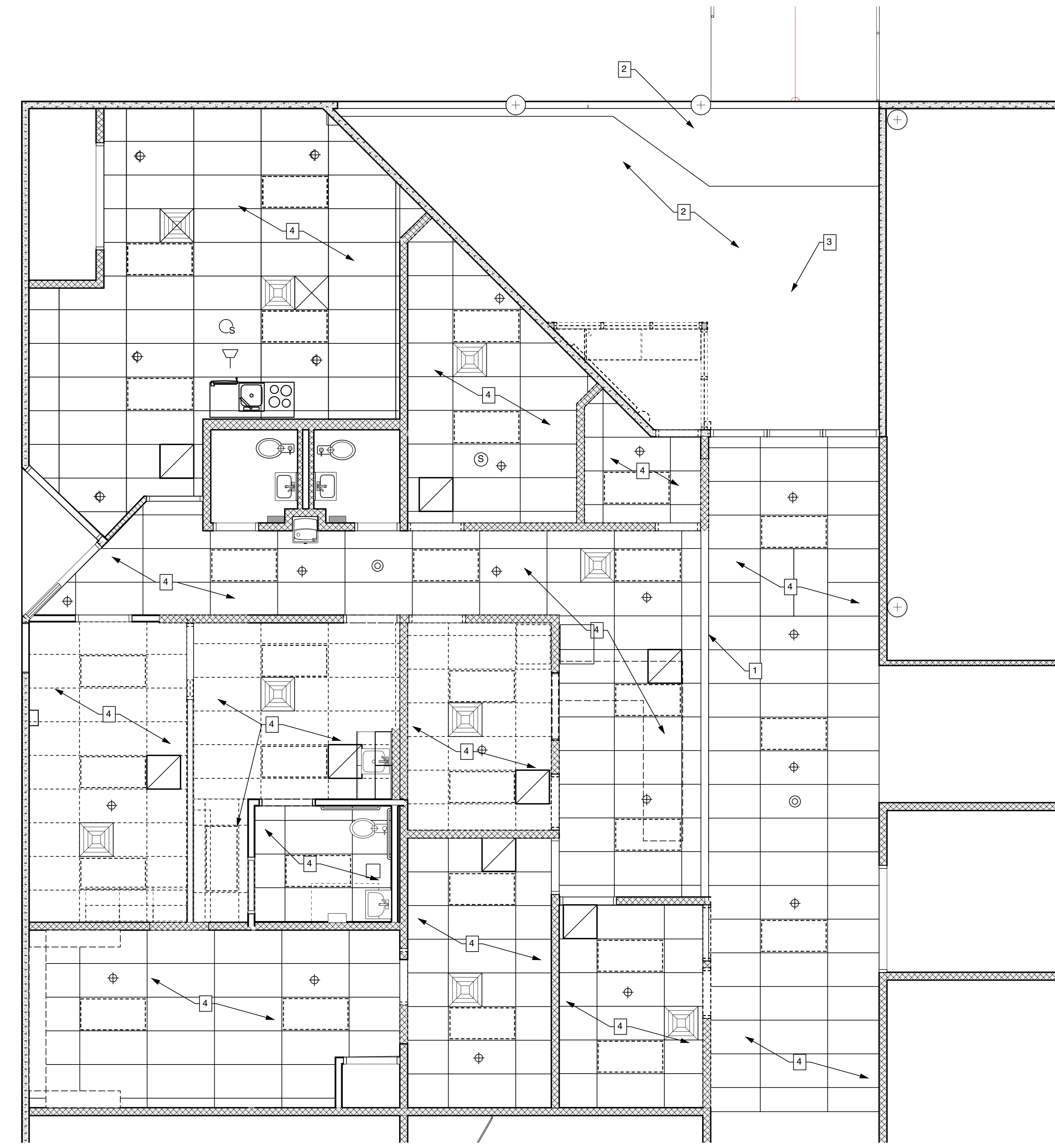
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**CHICOT ELEMENTARY SCHOOL**  
11100 Chicot Road  
Mabelvale, AR 72103  
FLOOR PLAN  
**A1.1**

Date: 10/19/21  
CAD File Name: Proposed floor plan v2023.vwx  
Project ID: 2022-01





- REFLECTED CEILING PLAN LEGEND**
- 2'X4' FLAT PANEL LAY-IN LIGHT FIXTURE TO BE REPLACED WITH NEW LED.
  - 1'x 4' SURFACE MOUNTED LIGHT FIXTURE TO BE REMOVED
  - 6" RECESSED CAN LIGHT FIXTURE TO BE REMOVED
  - SUPPLY REGISTER TO REMAIN, CLEAN.
  - RETURN REGISTER TO REMAIN, CLEAN.

- PLAN NOTES**
1. EXISTING GYPSUM BOARD HEADER TO REMAIN.
  2. EXISTING SUSPENDED PLASTER CEILING TO BE REMOVED AT INTERIOR LOCATIONS. EXTERIOR PORTION OF PLASTER CEILING BEYOND NEW WALL TO REMAIN, PAINT.
  3. REMOVE EXISTING RECESSED CAN LIGHTS.
  4. REMOVE EXISTING ACOUSTICAL CEILING TILE AND GRID. PROVIDE NEW ACOUSTICAL CEILING TILE AND GRID. CEILING HEIGHT TO MATCH EXISTING. GENERAL CONTRACTOR IS RESPONSIBLE FOR REMOVING AND RE-INSTALLING ALL EXISTING CEILING DEVICES AND LIGHTING UNLESS OTHERWISE NOTED.
  5. N/A

**1 DEMOLITION - REFLECTED CEILING PLAN**  
 Scale: 1/4" = 1'-0"

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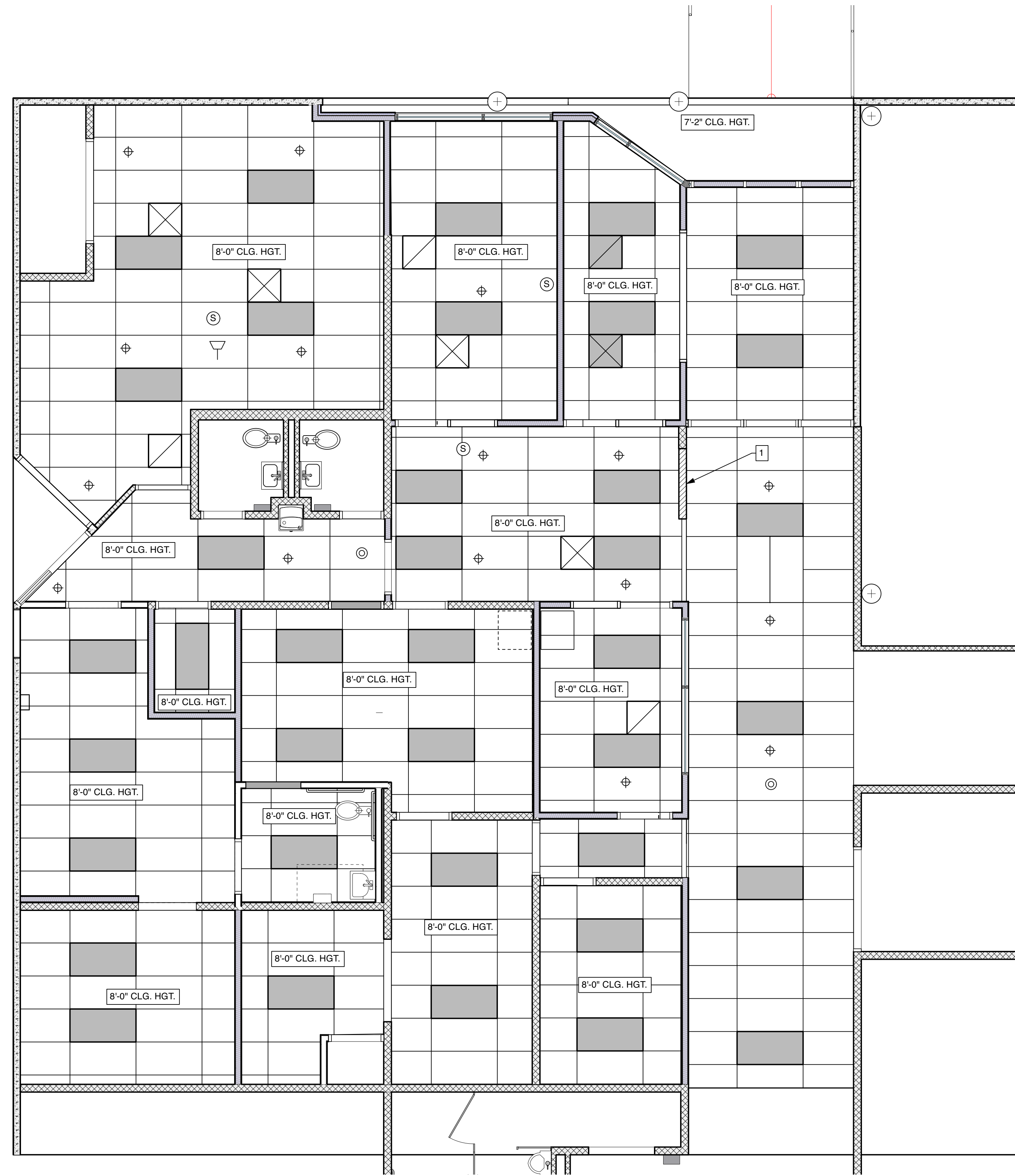
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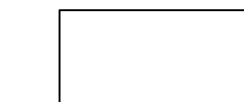
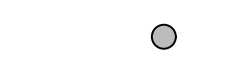


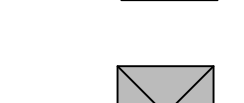
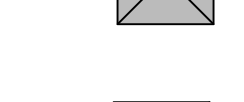
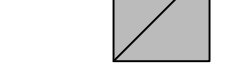


**CHICOT ELEMENTARY SCHOOL**  
 11100 Chicot Road  
 Mabelvale, AR 72103  
 RCP-Demo  
**A1.2**

Date	CAD File Name	Project ID
10/19/21	Proposed firpln v2023.vwx	2022-01





**REFLECTED CEILING PLAN LEGEND**

-  NEW 2'X4' FLAT PANEL LAY-IN CEILING, LED
-  EXISTING 2'X4' LIGHT FIXTURE
-  NEW 6" RECESSED CAN LIGHT FIXTURE, LED
-  EXISTING SUPPLY REGISTER
-  EXISTING RETURN REGISTER
-  NEW SUPPLY REGISTER
-  NEW RETURN REGISTER
-  EXISTING SMOKE DETECTOR
-  EXISTING FIRE SPRINKLER HEAD
-  EXISTING SPEAKER

**PLAN NOTES**

1. EXTEND EXISTING GYPSUM BOARD HEADER TO NEW WALL OPENING.

**1 PROPOSED REFLECTED CEILING PLAN**  
Scale: 1/4" = 1'-0"

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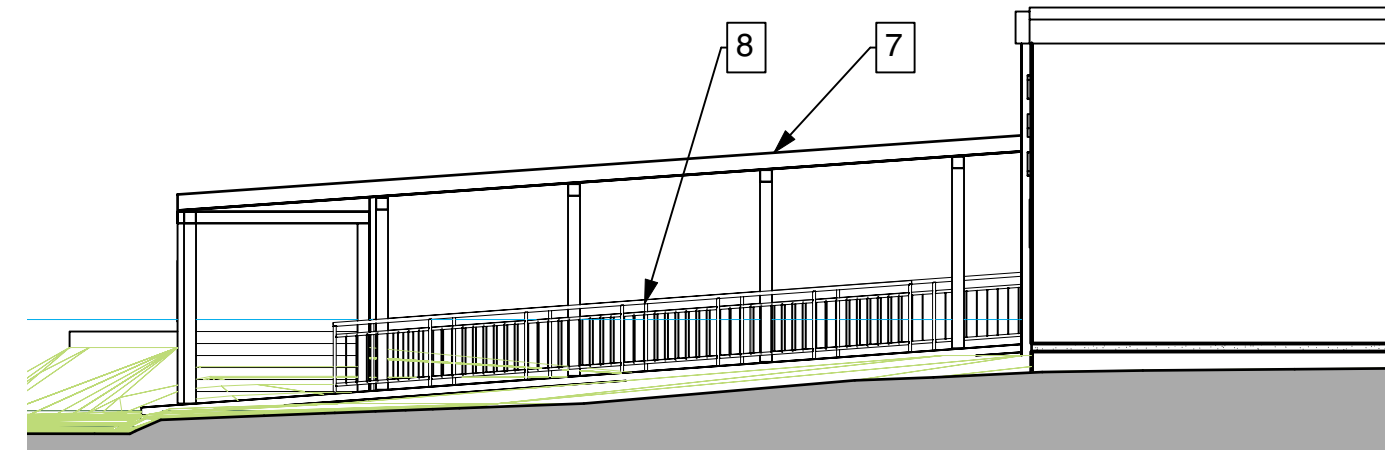
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Mabelvale, AR 72103  
RCP-Proposed

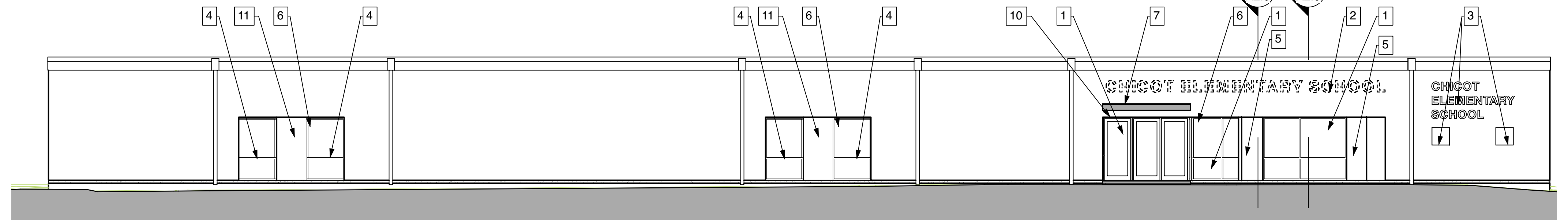
Date	CAD File Name	Project ID
10/19/21	Proposed firpln v2023.vwx	2022-01

**A1.3**

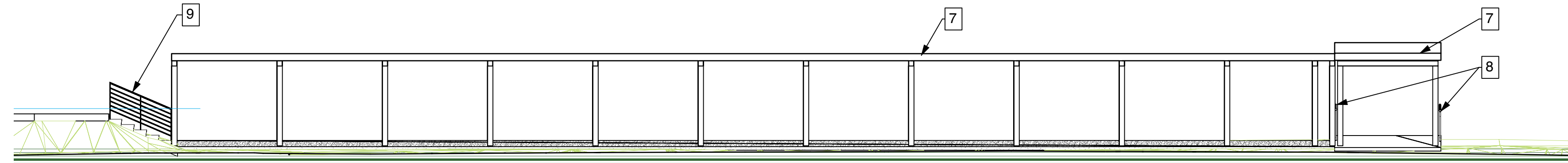




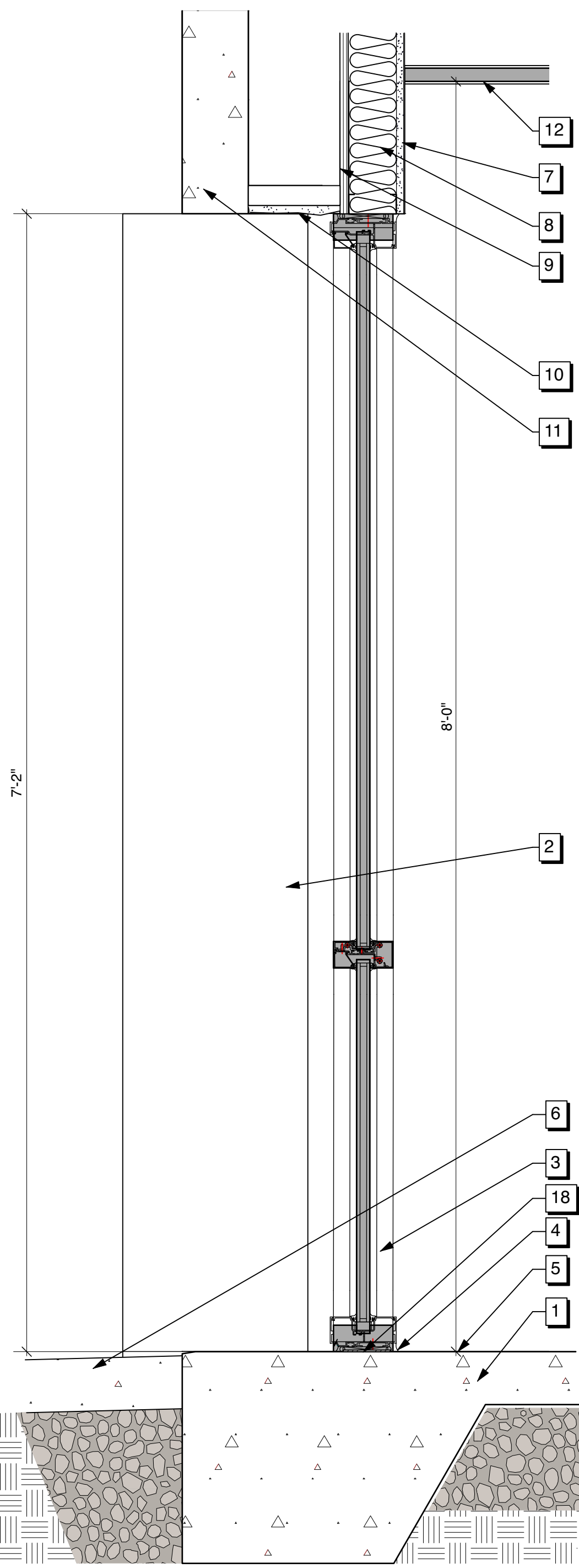
**2 SIDE ELEVATION**  
Scale: 1/8" = 1'-0"



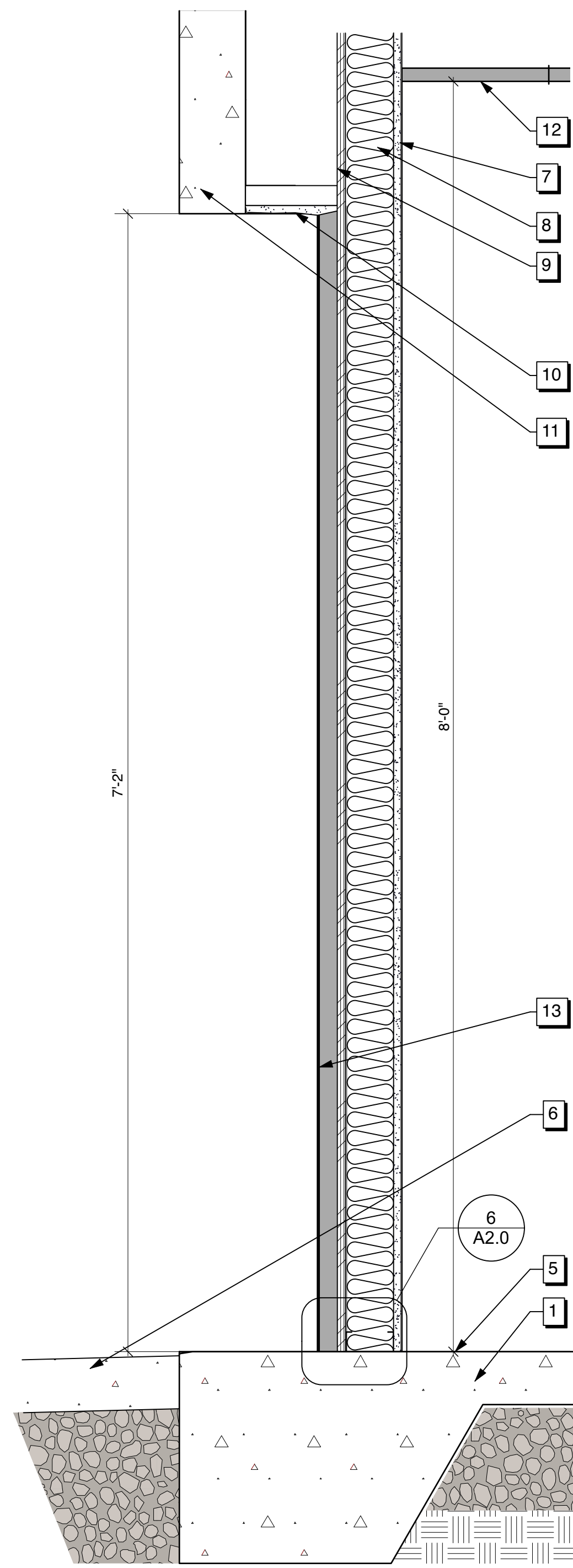
**1 FRONT BUILDING ELEVATION**  
Scale: 1/8" = 1'-0"



**3 FRONT ELEVATION AT ENTRY DRIVE**  
Scale: 1/8" = 1'-0"



**4 WALL SECTION DETAIL**  
Scale: 1 1/2" = 1'-0"



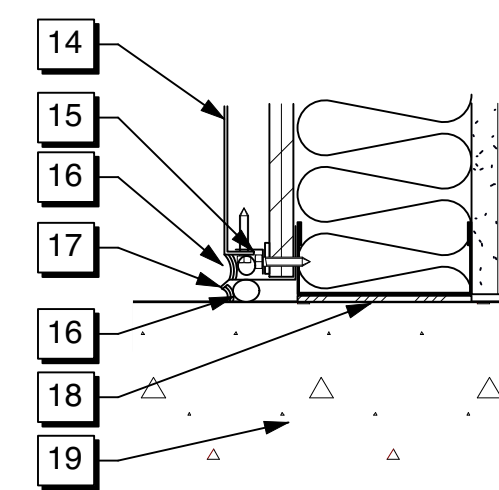
**5 WALL SECTION DETAIL**  
Scale: 1 1/2" = 1'-0"

**WALL SECTION KEY NOTES**

1. EXISTING CONCRETE SLAB TO REMAIN. LEVEL WITH GYPCRETE OR FLOOR LEVELING COMPOUND AS REQUIRED.
2. NEW MCM COLUMN COVERS. PROVIDE CAP FLASHING AT TOP OF COLUMNS. FINISH TO MATCH EXISTING EARLY CHILDHOOD BUILDING. (4 TOTAL ON FRONT FACADE)
3. ALUMN. STOREFRONT WINDOWS AND DOORS. SEE WINDOW SCHEDULE.
4. ALUMINUM STOREFRONT SILL SET IN CONTINUOUS BED OF SEALANT.
5. FLOOR FINISH. SEE FINISH SCHEDULE.
6. EXTERIOR CONCRETE WALK.
7. 5/8" GYPSUM BOARD, PAINT.
8. 3 5/8" METAL STUD WALL WITH INSULATION. BRACE WALL ON BOTTOM OF EXISTING BAR JOIST STRUCTURE ABOVE.
9. 1/2" OSB SHEATHING WITH INTEGRATED MOISTURE/AIR BARRIER
10. EXISTING PLASTER CEILING TO REMAIN. REMOVE SECTION AS REQUIRED FOR NEW WALL.
11. EXISTING PRECAST CONCRETE WALL PANEL TO REMAIN.
12. ACOUSTIC TILE CEILING
13. NEW MCM PANELS AND ANCHOR SYSTEM TO ATTACH TO OSB SHEATHING. COLOR TO MATCH EARLY CHILDHOOD BUILDING.
14. NEW MCM PANEL
15. ALUMN. CLIP SYSTEM ATTACHED TO WALL WITH SHIM PER MANUFACTURER'S INSTRUCTIONS.
16. SEALANT AND BACKER ROD
17. PRE-FINISHED METAL SILL FLASHING
18. EDPM RUBBER SILL GASKET SEALER
19. EXISTING CONCRETE SLAB
20. N/A

**ELEVATION KEY NOTES**

1. NEW STOREFRONT WINDOWS AND ENTRY DOORS.
2. REMOVE EXISTING BLUE LETTERS AND PATCH/REPAIR WALL. PRESSURE WASH WALL TO REMOVE GHOSTING OF LETTERS.
3. NEW SIGN LETTERS AND GRAPHIC PANELS. LETTERS TO BE GEMINI INJECTED MOLDED PLASTIC HELVETICA FLAT, 1" THICK, 12" HEIGHT, STUD MOUNTED. COLOR TO BE SELECTED FROM STANDARD COLORS. GRAPHIC PANELS TO BE PROVIDED BY SCHOOL FOR MOUNTING.
4. PAINT EXISTING WINDOW FRAMES ON FRONT FACADE (4) TOTAL.
5. NEW MCM PANELS AND ANCHOR SYSTEM. COLOR TO MATCH EARLY CHILDHOOD BUILDING.
6. NEW MCM COLUMN COVERS. PROVIDE CAP FLASHING AT TOP OF COLUMNS. FINISH TO MATCH EXISTING EARLY CHILDHOOD BUILDING. (4 TOTAL ON FRONT FACADE)
7. EXISTING CANOPY TO BE REMOVED. REPLACE WITH NEW CANOPY SYSTEM TO MATCH EARLY CHILDHOOD CANOPY SYSTEM. 6" ALUMINUM SQ. POST WITH 8" DEEP BOX RIB DECKING AND INTERNAL DRAINAGE SYSTEM.
8. REMOVE EXISTING PIPE HANDRAIL AND REPLACE WITH NEW BLACK COATED ALUMINUM RAILING TO MATCH EARLY CHILDHOOD. TOP RAIL TO BE ROUND, 36" ABOVE FINISH WALK PER CODE FOR HANDRAIL REQUIREMENTS.
9. EXISTING CONCRETE STEPS TO REMAIN. REMOVE EXISTING PIPE HANDRAIL AND REPLACE WITH NEW BLACK COATED ALUMINUM RAILING TO MATCH EARLY CHILDHOOD. TOP RAIL TO BE ROUND PER CODE FOR HANDRAIL REQUIREMENTS.
10. PAINT EXISTING PLASTER CEILING AT RECESSED ENTRY.
11. PAINT EXTERIOR WALLS AND CEILING.



**6 WALL SILL DETAIL**  
Scale: 3" = 1'-0"



B	2/20/23	FINAL ISSUE SET
A	9/7/22	ISSUE SET
No.	Date	Issue Notes



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**CHICOT ELEMENTARY SCHOOL**

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Mabelvale, AR 72103

EXTERIOR ELEVATIONS

Date	CAD File Name	Project ID
05/17/2022	Proposed firpin v2023.vwx	2022-01

**A2.0**

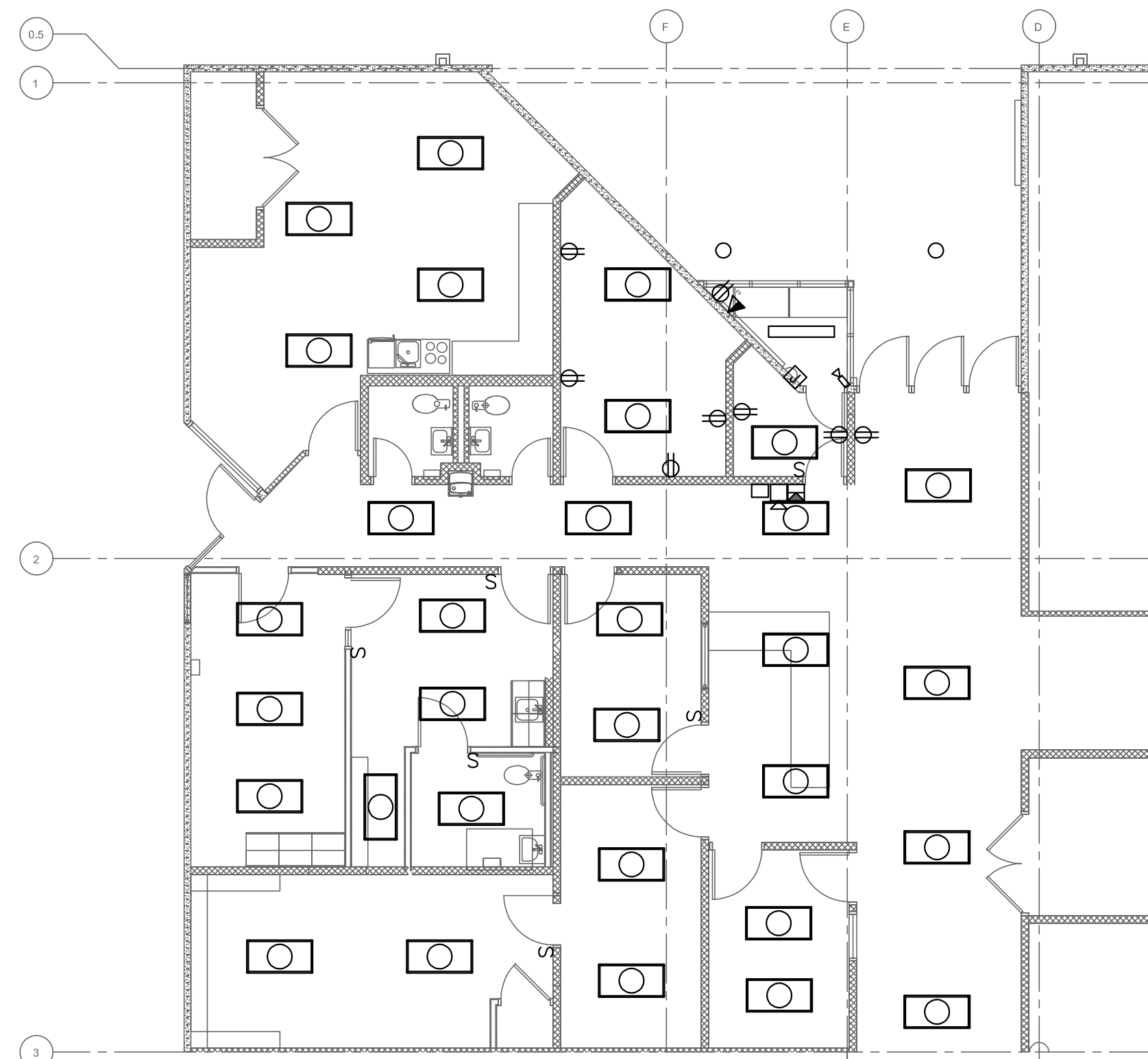
As-Builts  
CSUSA  
9/18/2023



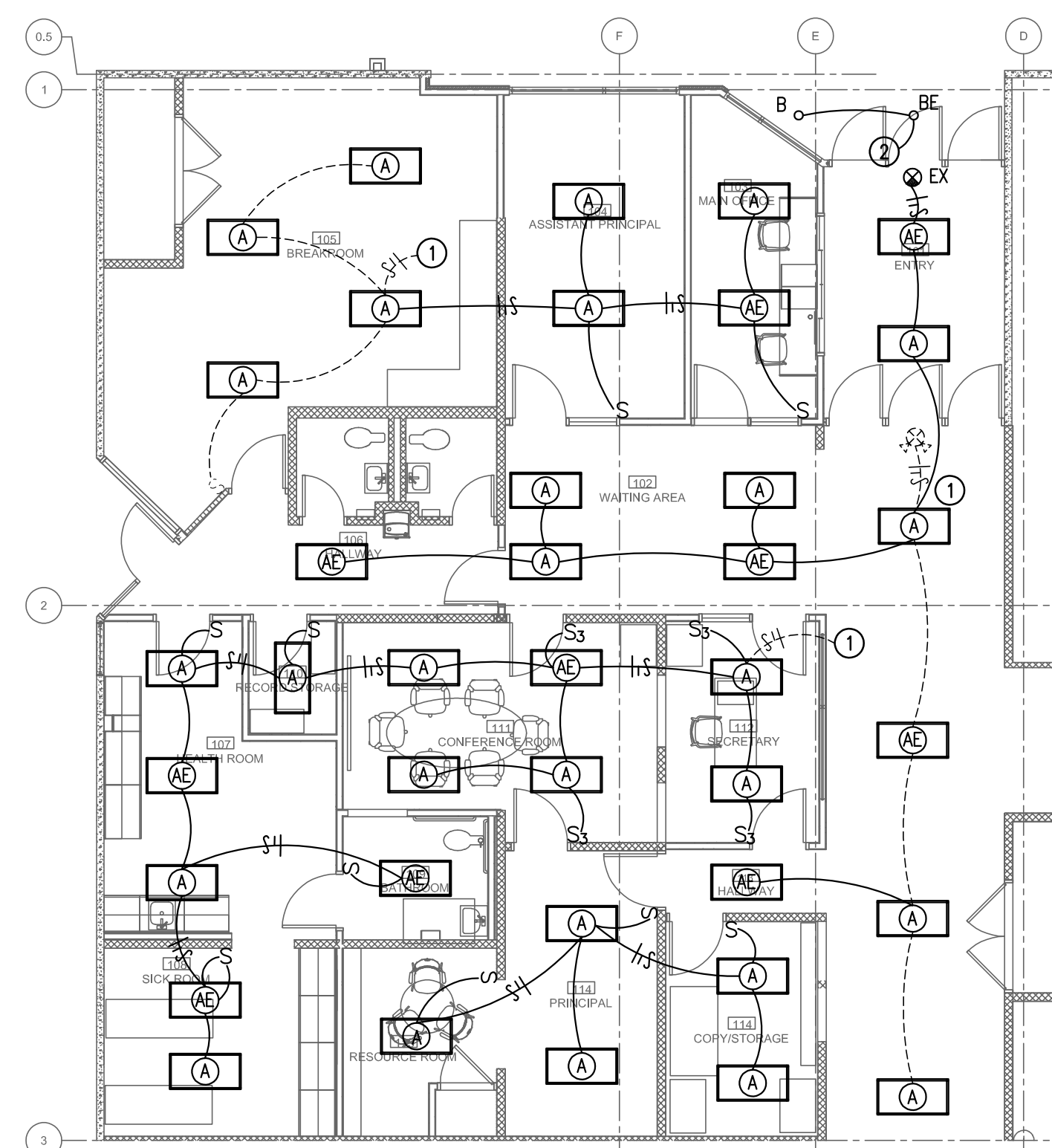
# SYMBOLS SCHEDULE

SYMBOL	DESCRIPTION
	BRANCH CIRCUIT IN CONDUIT - (LEFT TO RIGHT) SWITCH LEG, PHASE LEG, NEUTRAL, ISOLATED GROUND, AND EQUIPMENT GROUND.
	ARROWHEAD INDICATES BRANCH CIRCUIT HOMERUN - PNL AND CKT NO. SHOWN COMMAS IN "1,3,5" INDICATES 1, 3 AND 5 ARE INDIVIDUAL 1-PHASE CIRCUITS.
	INDICATES CONDUIT CONCEALED IN OR BELOW FLOOR SLAB OR BFG.
	CONDUIT UP (FULL CIRCLE).
	CONDUIT DOWN (PARTIAL CIRCLE).
	CONDUIT SLEEVE THRU WALL. CONDUIT BUSHING FOR EXITING CABLES.
	CONDUIT OR CIRCUIT CONTINUATION.
	LIGHT FIXTURE. UPPER CASE LETTER(S) INDICATE FIXTURE TYPE-SEE FIXTURE SCHEDULE. LOWER CASE LETTER (IF PRESENT) INDICATES SWITCHING SCHEME. REFER TO SWITCH WITH SAME LOWER CASE LETTER.
	EMERGENCY LIGHT FIXTURE. EMERGENCY DESIGNATION IS INDICATED BY DIAGONAL SHADING OR MAY BE INDICATED BY "EM" ADJACENT TO FIXTURE. CONNECTED TO EMERGENCY POWER SYSTEMS.
	STRIP LIGHT - CEILING MOUNTED OR CHAIN HUNG
	STRIP LIGHT - WALL MOUNTED
	LIGHT FIXTURE - WALL MOUNTED
	DOWNLIGHT FIXTURES - CEILING MTD
	LIGHT FIXTURE - WALL MOUNTED
	EXIT LIGHTS - WALL MT. & CEILING MT. SHOWN - ARROW INDICATES FACE(S), DIRECTIONAL ARROWS SHALL BE AS SHOWN ON PLANS
	JUNCTION BOX
	DISCONNECT SWITCH
	SURFACE MOUNTED PANELBOARD SHOWN ADJACENT TO ARCHITECTURAL WALL
<b>S</b>	SINGLE-POLE TOGGLE SWITCH
<b>S<sub>3</sub></b>	THREE-WAY TOGGLE SWITCH
<b>S<sub>4</sub></b>	FOUR-WAY TOGGLE SWITCH
<b>S<sub>0</sub></b>	DIMMER CONTROL SWITCH OR STATION
<b>S<sub>M</sub></b>	30A MANUAL MOTOR STARTER WITH OVERLOADS, TOGGLE OPERATED
	DUPLEX RECEPTACLE
	QUADRAPLEX RECEPTACLE (4-PLX).
	SPECIAL DUPLEX RECEPTACLE GROUND FAULT INTERRUPTING, SURGE PROTECTION, WEATHERPROOF, TAMPER PROOF AND ABOVE COUNTER TYPES INDICATED.
	SPECIAL PURPOSE RECEPTACLE
	COMPUTER DATA OUTLET, PHONE OUTLET, COMBINATION DATA, TELEPHONE OUTLET NUMBER INDICATES QUANTITY OF JACKS
	FIRE ALARM AUDIO/VISUAL DEVICE
	FIRE ALARM STROBE ONLY
	FIRE ALARM PULL STATION
	HEAT DETECTOR
	SMOKE DETECTOR
	DUCT SMOKE DETECTOR
	TAMPER SWITCH
	FLOW SWITCH
	PHOTOCELL
	ANNUNCIATOR PANEL
<b>AC</b>	ABOVE COUNTER
<b>AFF</b>	ABOVE FINISHED FLOOR
<b>EC</b>	ELECTRICAL CONTRACTOR
<b>ETR</b>	EXISTING TO REMAIN
<b>GFI</b>	GROUND FAULT INTERRUPTING
<b>GRD</b>	GROUND
<b>MTD</b>	MOUNTED
<b>NFDS</b>	NON-FUSED DISCONNECT SWITCH
<b>WP</b>	WEATHERPROOF
	OCCUPANCY SENSOR, CEILING
	OCCUPANCY SENSOR, WALL

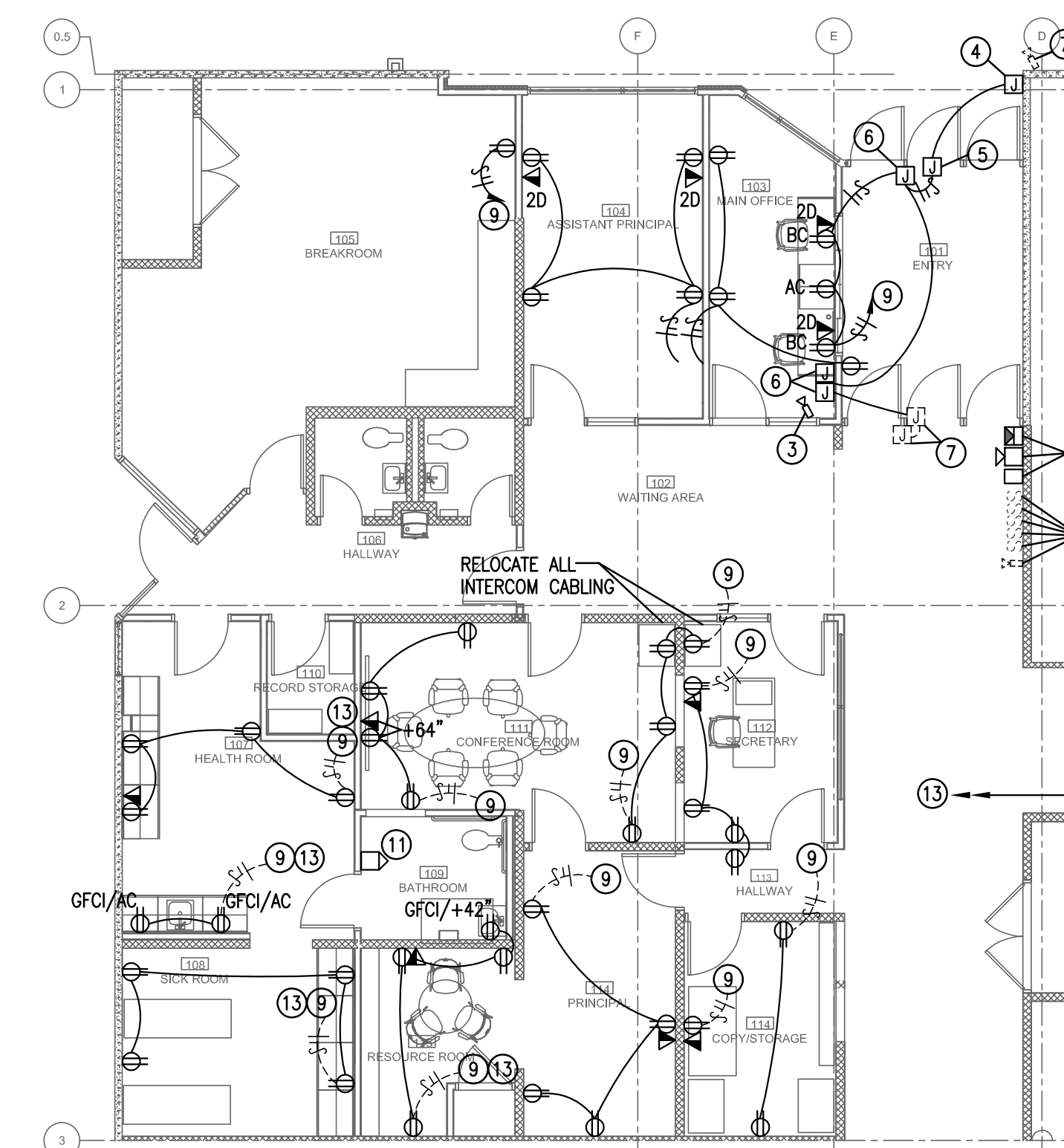
SYMBOLS SCHEDULE NOTES:  
 1. NOT ALL SYMBOLS MAY APPLY TO THIS PROJECT.  
 2. SYMBOLS SHOWN DASHED ON PLANS INDICATES EXISTING DEVICES, FIXTURES, EQUIPMENT, ETC...



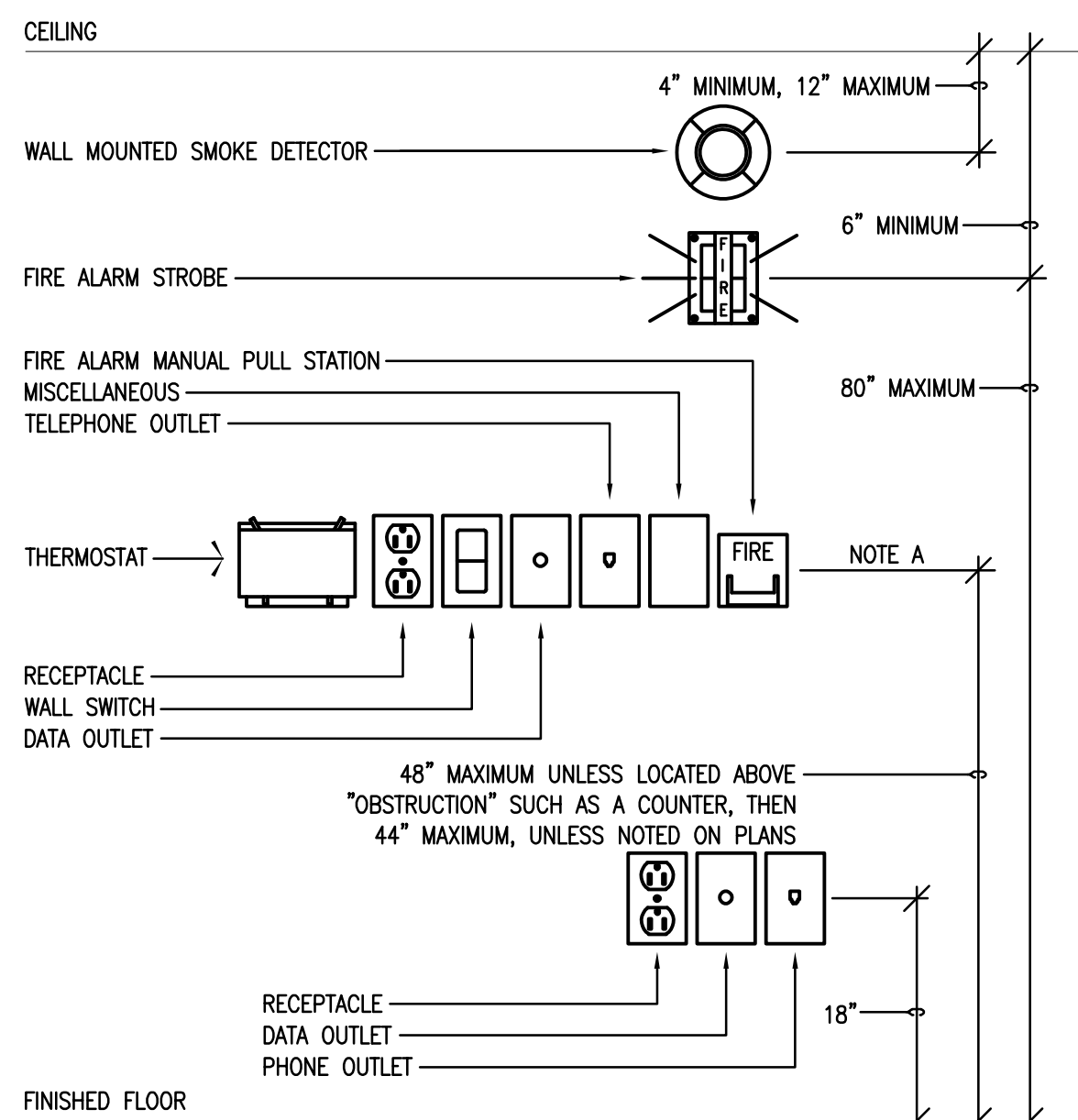
**1 ELECTRICAL DEMOLITION PLAN**  
 SCALE: 1/8" = 1'-0"



**2 LIGHTING PLAN**  
 SCALE: 1/8" = 1'-0"



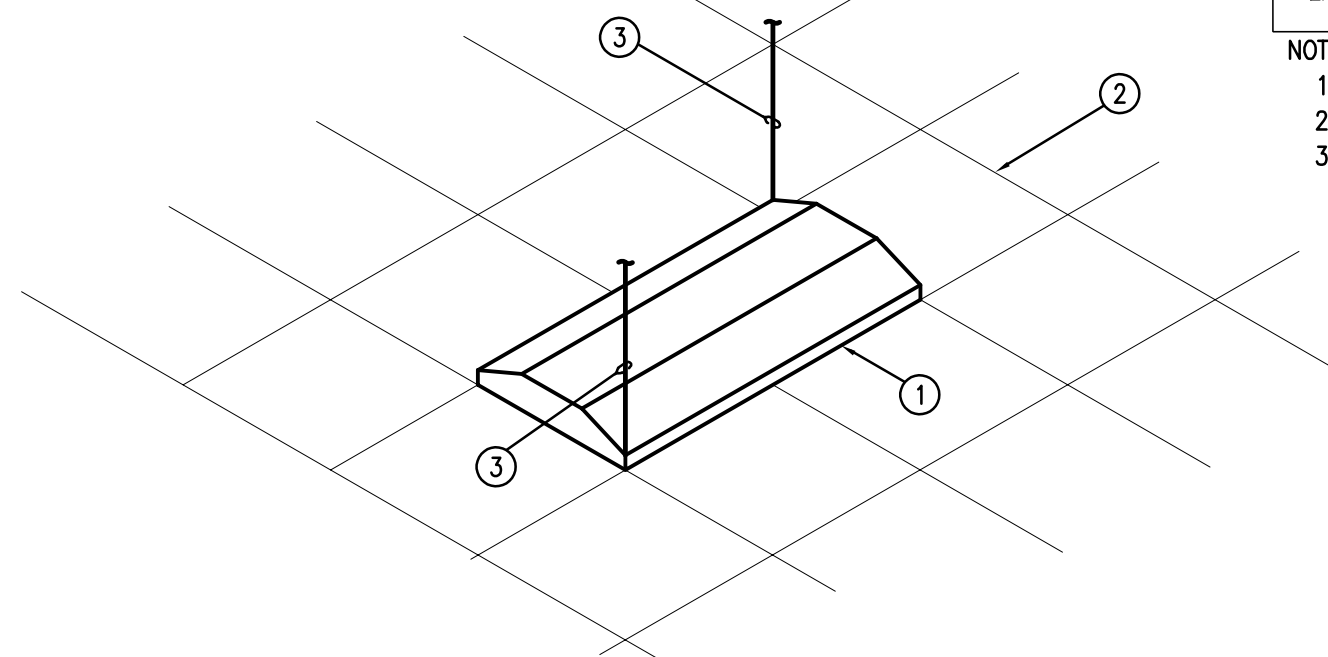
**3 POWER AND SYSTEMS PLAN**  
 SCALE: 1/8" = 1'-0"



GENERAL MOUNTING HEIGHT NOTES:

A. COORDINATE WITH ARCHITECT FOR EXACT LOCATION AND ELEVATION OF ALL DEVICES IN PROXIMITY TO SINKS, COUNTERTOPS, BACK SPLASHES, CABINETS AND ARCHITECTURAL FEATURE ELEMENTS.

**2 TYPICAL DEVICE MOUNTING HEIGHTS**  
 SCALE: NONE



LIGHT FIXTURE DETAIL NOTES:

- 2'x2' OR 2'x4' LAY-IN LIGHT FIXTURE.
- SUSPENDED CEILING.
- TIE WIRE: CONNECT A MINIMUM OF (2) OPPOSITE CORNERS OF FIXTURE TO STRUCTURE ABOVE INDEPENDENT OF OTHER CEILING SUPPORTS.

**3 TYPICAL LAY-IN FIXTURE SUPPORT**  
 SCALE: NONE

## LIGHT FIXTURE SCHEDULE

TYPE	MANUFACTURER	DESCRIPTION	VOLT	SOURCE	DIMMING	MOUNTING	REMARKS	NOTES
A	COLUMBIA	LCAT24-35MLG-EU	UNV	LED	YES	RECESSED GRID	2X4 VOLUMETRIC TROFFER	1,2
AE	COLUMBIA	LCAT24-35MLG-EU-EL14	UNV	LED	YES	RECESSED GRID	2X4 VOLUMETRIC TROFFER, BATTERY	1,2
B	PRESCOLITE	LTR4RD-H-SL10L-DM1-LTR 4RD-T SL-35K8WD-SS	UNV	LED	YES	RECESSED	4" DOWN LIGHT	1,2,3
BE	PRESCOLITE	LTR4RD-H-SL10L-DM1-LTR 4RD-T SL-35K8WD-SS EM	UNV	LED	YES	RECESSED	4" DOWN LIGHT, BATTERY	1,2,3
EX	ISO-LITE	RL-EM-R-U-WH-MTEBP SD	UNV	RED LED	NO	UNIVERSAL	EXIT LIGHT, ONE FACE, BATTERY	1,2

- NOTES  
 1. COORDINATE WITH LIGHTING LOCATION AND MOUNTING HEIGHT WITH ARCHITECTURAL RCP.  
 2. COLOR TO BE SELECTED FROM MANUFACTURERS STANDARD COLOR SELECTION DURING SUBMITTAL REVIEW.  
 3. TRIM TO BE SELECTED DURING SUBMITTAL REVIEW.

## GENERAL NOTES

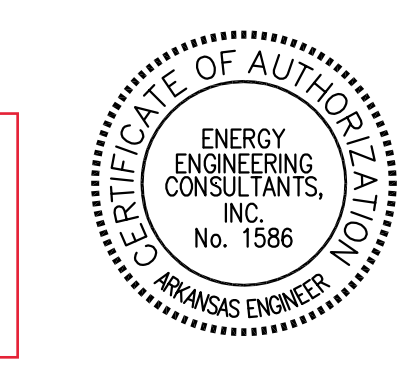
- EACH CIRCUIT SHALL HAVE AN EQUIPMENT GROUNDING CONDUCTOR, AND MULTI-WIRE CIRCUITS OF DIFFERENT PHASES MAY SHARE EQUIPMENT GROUND. EQUIPMENT GROUND CONDUCTOR SIZE SHALL NOT BE LESS THAN #12 AWG OR AS INDICATED ON THE DRAWINGS.
- ALL CONDUCTORS #10 AND SMALLER SHALL BE SOLID COPPER AND ALL CONDUCTORS #8 AND LARGER SHALL BE STRANDED COPPER USING BOLTED LUGS AT TERMINALS.
- MINIMUM CONDUIT SIZE SHALL BE 3/4" UNLESS OTHERWISE NOTED ON DRAWINGS. ALL CONDUITS SHALL BE CONCEALED UNLESS OTHERWISE NOTED ON THE DRAWINGS.
- MINIMUM WIRE SIZE SHALL BE #12 AWG UNLESS OTHERWISE NOTED ON THE DRAWINGS.
- ALL WORK SHALL COMPLY WITH THE LATEST (2020) EDITION OF THE NATIONAL ELECTRIC CODE (NFPA 70 NEC) AND ANY APPLICABLE LOCAL CODES.
- ALL ELECTRICAL EQUIPMENT (CONDUIT, BOXES, SUPPORTS, ETC) INSTALLED IN ALL EXPOSED CEILING AREAS SHALL BE PAINTED AS DIRECTED BY THE ARCHITECT.
- ELECTRICAL CONTRACTOR SHALL CLOSELY COORDINATE WITH MECHANICAL AND PLUMBING CONTRACTORS FOR EXACT LOCATION OF ALL HVAC AND PLUMBING EQUIPMENT.
- ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR PROPER SIZING OF ALL MOTOR OVERLOAD DEVICES (HEATERS) IN STARTERS BASED UPON ACTUAL NAMEPLATE RATINGS ON THE MOTORS BEING INSTALLED.

## KEYED NOTES:

- CONNECT TO EXISTING UN-SWITCHED LIGHTING CIRCUIT.
- CONNECT TO EXISTING SWITCHED EXTERIOR LIGHTING CIRCUIT.
- RELOCATED AND RE-INSTALL DEVICE.
- PROX/CARD READER
- MAG LOCK, 120V POWER ABOVE CEILING.
- MAG LOCK RELEASE PUSH BUTTON.
- EXISTING TO REMAIN.
- INSTALL FOUR 20A, 1-POLE CIRCUIT BREAKER IN POWER PANEL J LOCATED 60' TO THE EAST.
- 3-#12 AWG & GND IN 3/4" CONDUIT CONNECTED TO EXISTING 120V CIRCUIT.
- RELOCATED FIRE ALARM DEVICES AND SECURITY KEYPAD.
- RELOCATE FIRE ALARM DEVICE.
- INSTALL FIVE 20A, 1P CIRCUIT BREAKER IN EXISTING PANEL IN COPY ROOM EAST DOWN CORRIDOR APPROXIMATELY 50 FEET.
- 3-#12 AWG & GND IN 3/4" CONDUIT FOR NEW CIRCUITS AS REQUIRED.

ALL DUPLEX RECEPTACLES SHALL BE TAMPER-PROOF.  
 ALL RECEPTACLES AND DATA OUTLETS SHALL BE FLUSH MOUNT, EXCEPT FOR CONCRETE OR BLOCK WALL, THEN SURFACE MOUNT.  
 RE-USE ALL EXISTING 120V CIRCUITS AND CONDUIT AS APPROPRIATE.

As-Built  
 CSUSA  
 9/18/2023



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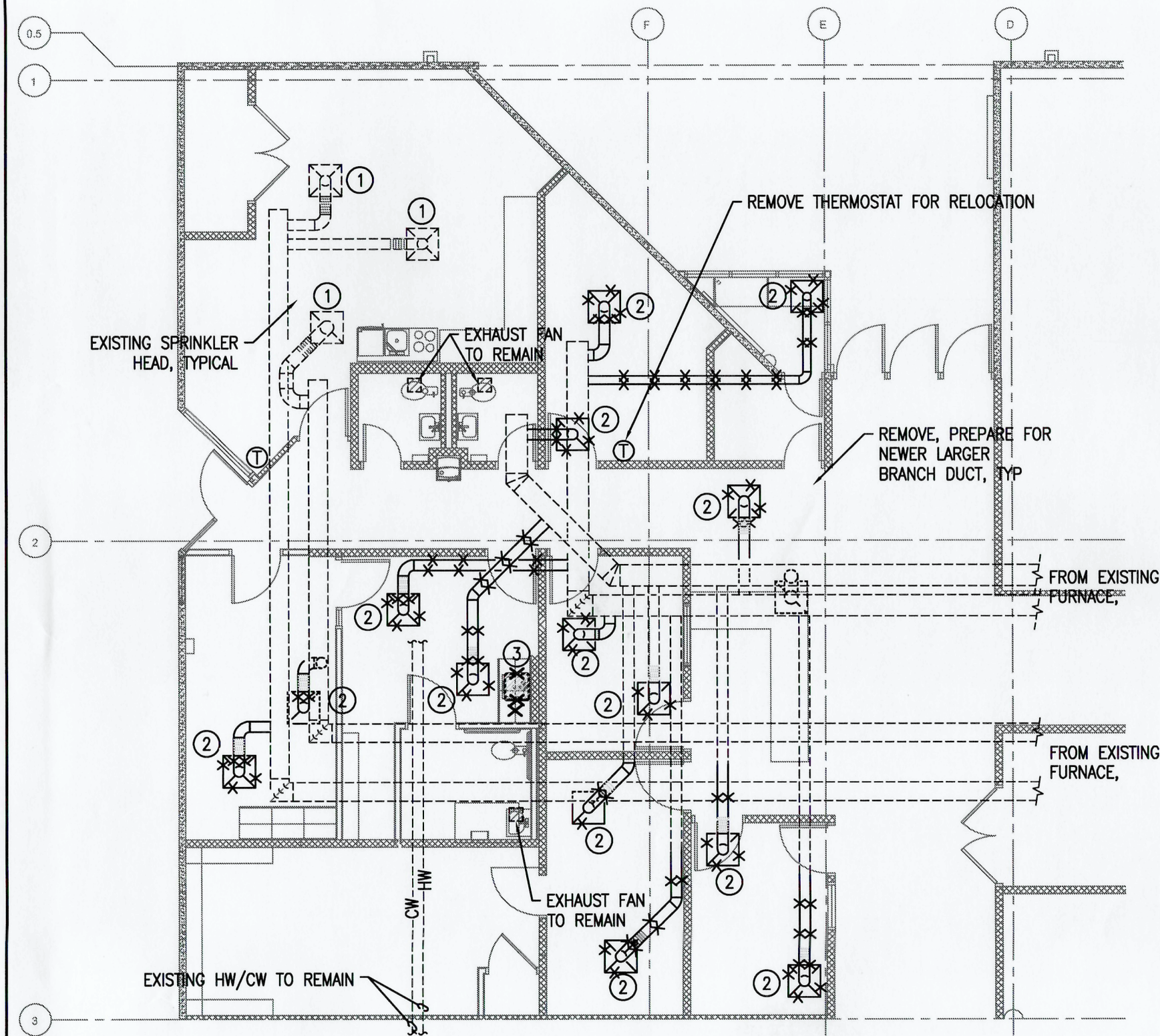
**CHICOT ELEMENTARY SCHOOL**  
 11100 Chicot Road  
 Mabelvale, AR 72103  
 ELECTRICAL PLAN  
**E1.0**

Date: 02/20/2023  
 CAD File Name: N/A  
 Project ID: 2022-01

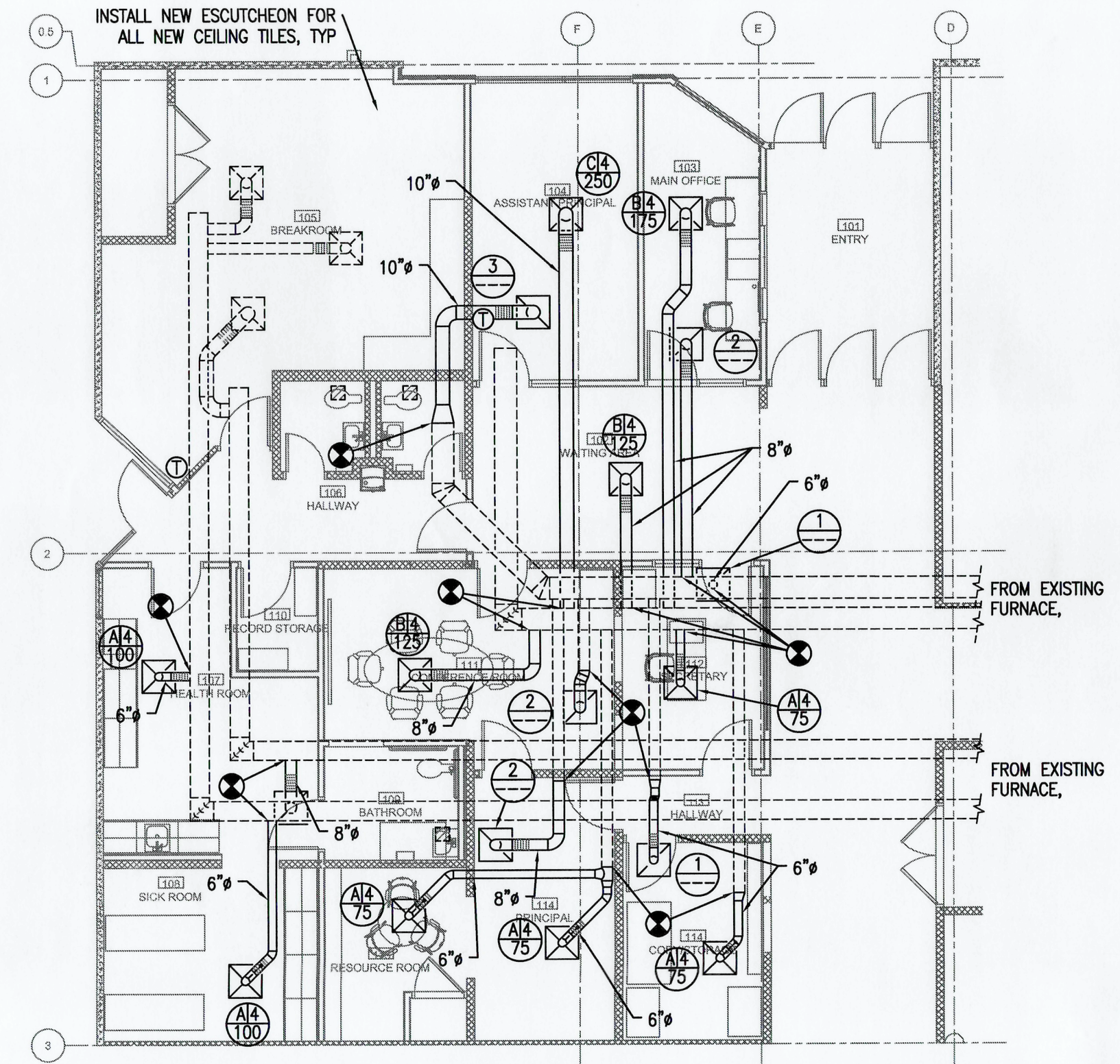


**MECHANICAL NOTES**

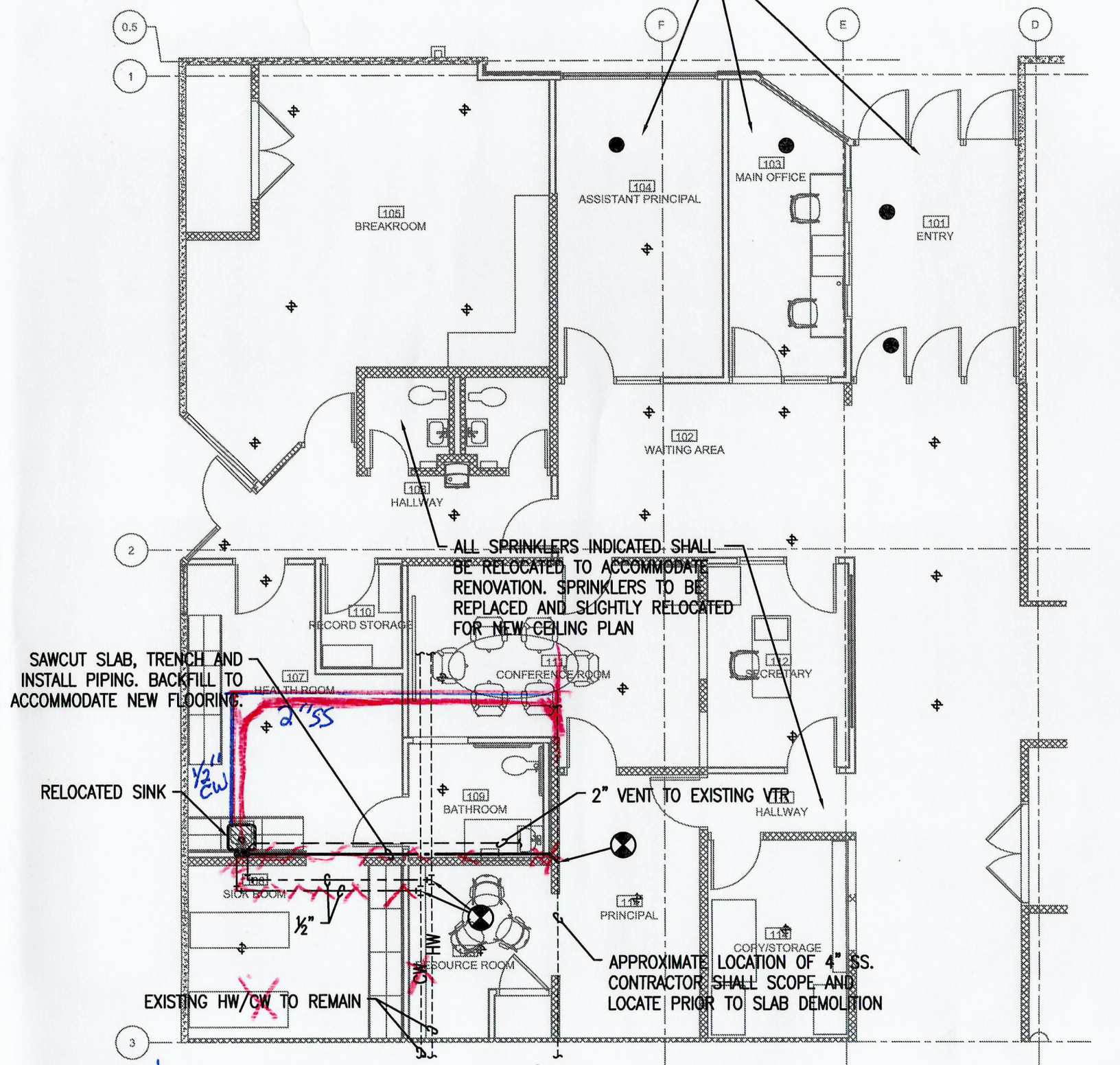
- ALL WORK MUST COMPLY WITH THE REQUIREMENTS OF LOCAL CODES AND ORDINANCES. WHERE INSPECTIONS ARE REQUIRED BY AUTHORITIES HAVING JURISDICTION, WORK MUST NOT BE CONCEALED UNTIL INSPECTIONS AND TESTING ARE COMPLETED AND ACCEPTED.
- PRIOR TO BID, CONTRACTOR MUST BECOME THOROUGHLY FAMILIAR WITH THE REQUIREMENTS OF THE GENERAL NOTES AS WELL AS ALL OTHER NOTES SHOWN ON THE CONTRACT DOCUMENTS. VISIT THE SITE TO ESTABLISH THE EXISTING CONDITIONS PRIOR TO BID AND PRIOR TO ANY DUCT, PIPE OR EQUIP. FABRICATION. SYSTEMS MUST BE ERRECTED USING CONTRACTOR'S FIELD MEASUREMENTS FOR COORDINATION WITH EQUIPMENT, STRUCTURE, FIRE PROTECTION & ELEC. CONDITIONS IN THE SPACE.
- ALL CONTRACT DOCUMENTS ARE DIAGRAMMATIC AND INDICATE THE GENERAL ARRANGEMENTS OR GEOMETRICAL RELATIONSHIPS OF EQUIPMENT AND SERVICES. THEY ARE NOT INTENDED TO SPECIFY OR SHOW EVERY OFFSET, SEQUENCE, DEVICE, OPTION, FITTING, OR COMPONENT. DO NOT SCALE DRAWINGS.
- INFORMATION AND COMPONENTS SHOWN ON DIAGRAMS OR DETAILS, BUT NOT SHOWN ON PLANS, AND VICE VERSA, MUST BE PROVIDED AS IF EXPRESSLY REQUIRED BY BOTH.
- EXCEPT WHERE INDICATED OTHERWISE, THE NOTATION OR DESCRIPTION OF ANY ITEM IN THE CONTRACT DOCUMENTS CARRIES WITH IT THE INSTRUCTION TO FURNISH AND INSTALL THE ITEM, WHETHER OR NOT THIS INSTRUCTION IS EXPLICITLY STATED.
- ALL WIRING INSTALLED FOR CONTROLS, POWER, INTERLOCKS, ETC. WHICH ARE TO BE INSTALLED IN RETURN AIR PLENUMS MUST BE PLENUM RATED OR INSTALLED IN CONDUIT UNLESS OTHERWISE INDICATED. ALL WIRING INSTALLED IN OCCUPIED SPACES SHALL BE IN CONDUIT. ALL SUCH INSTALLATIONS MUST MEET NFPA AND NEC REQUIREMENTS, AND LOCAL CODES.
- ALL MECHANICAL WORK MUST BE INSTALLED HIGH AS POSSIBLE SO AS TO MAINTAIN THE MAXIMUM POSSIBLE CLEARANCE ABOVE FINISHED FLOOR FOR TENANT FINISH-OUT.
- CEILING MOUNTED LIGHTING AND ELECTRICAL REQUIREMENTS TAKE PRECEDENCE OVER CEILING MOUNTED MECHANICAL REQUIREMENTS. SEE ARCHITECTURAL REFLECTED CEILING PLANS FOR CEILING GRID AND LIGHTING LAYOUT FOR COORDINATION OF FINAL AIR DEVICE LOCATIONS.
- FABRICATION AND INSTALLATION OF HVAC WORK IS TO COMPLY WITH SMACNA AND ALL APPLICABLE CODES.
- DUCT SIZES SHOWN ON PLANS INDICATE MINIMUM REQUIRED CLEAR INSIDE DIMENSIONS. ADJUST DUCT SIZES FOR LINER THICKNESS WHERE APPLICABLE OR WHERE SHOWN. SEE NOTES AND/OR SPECIFICATIONS FOR INSULATION TYPE AND STANDARDS.
- PROVIDE DUCT TRANSITIONS AS REQUIRED AT EQUIPMENT AND DEVICE CONNECTIONS WHERE DUCT SIZES INDICATED DIFFER FROM THE DUCT CONNECTION SIZE OR DUCT COLLAR.
- ALL DUCTS MUST BE MOUNTED HIGH AS POSSIBLE EXCEPT AS REQUIRED TO AVOID CONFLICTS WITH INTERSECTING DUCTS. DIAGONALLY OFFSET ALL DUCTS IMMEDIATELY BEFORE AND AFTER PASSING UNDER INTERSECTING DUCTS OR LARGE STRUCTURAL MEMBERS TO MAINTAIN MAXIMUM HEIGHT ABOVE FINISHED FLOOR (AFF).
- DUCTWORK CONNECTED TO THE EXISTING SYSTEM (UPSTREAM OF VAV) SHALL BE GALVANIZED CONSTRUCTED PER SMACNA TO MEET 4-INCH PRESSURE CLASSIFICATION. DUCTWORK DOWNSTREAM OF VAV BOXES TO BE CONSTRUCTED FOR 2-INCH PRESSURE CLASSIFICATION. ALL JOINTS SHALL BE SEALED WITH EITHER MASTIC TAPE OR HARD-CAST. EXTERNALLY INSULATE DUCTWORK WITH 2" DUCT WRAP AND INTEGRAL FOIL SCRIM.
- NEW CONTROLS FOR THE VAV BOXES SHALL BE INTEGRATED INTO THE EXISTING CAMPUS WIDE ENERGY MANAGEMENT SYSTEM.



**1 MECHANICAL DEMOLITION PLAN**  
SCALE: 1/8" = 1'-0"



**2 HVAC PLAN**  
SCALE: 1/8" = 1'-0"

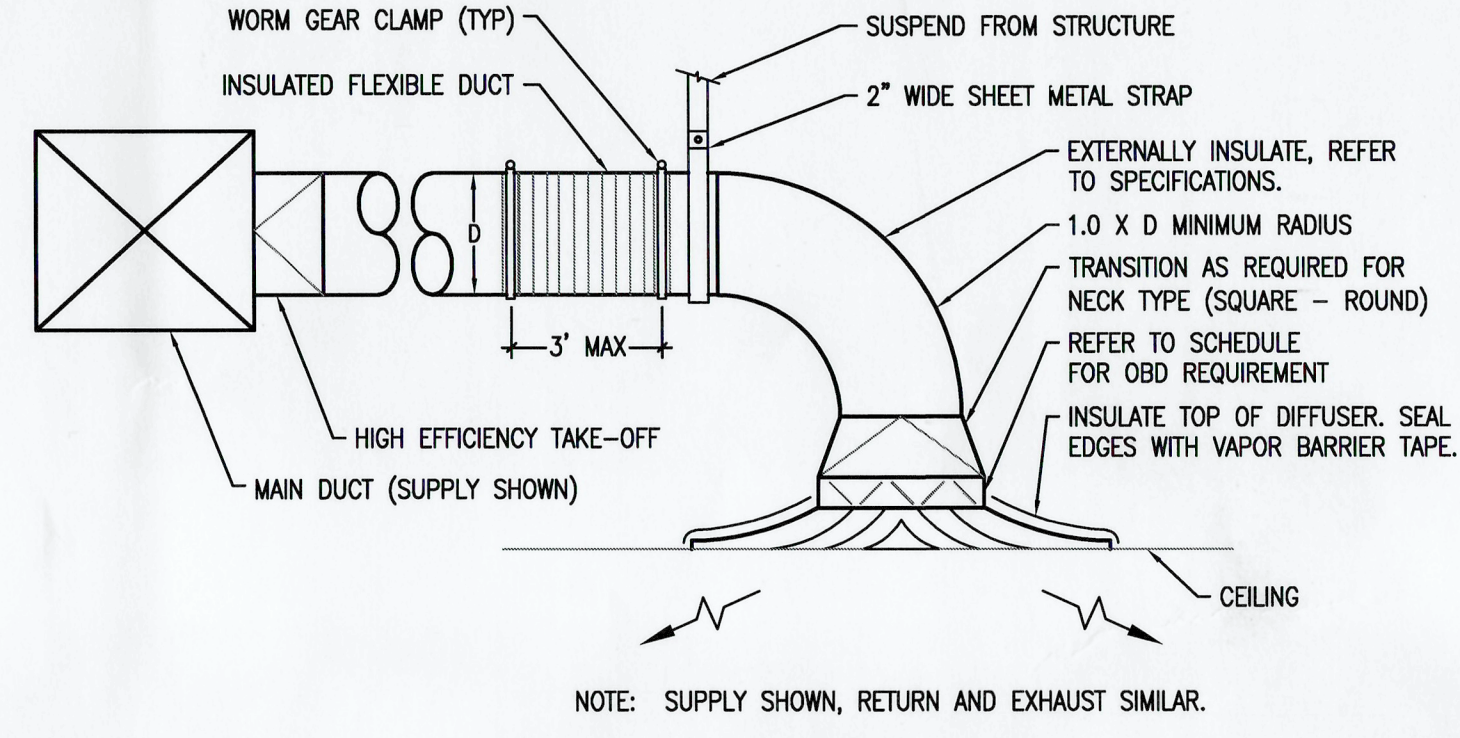


**3 PLUMBING PLAN**  
SCALE: 1/8" = 1'-0"

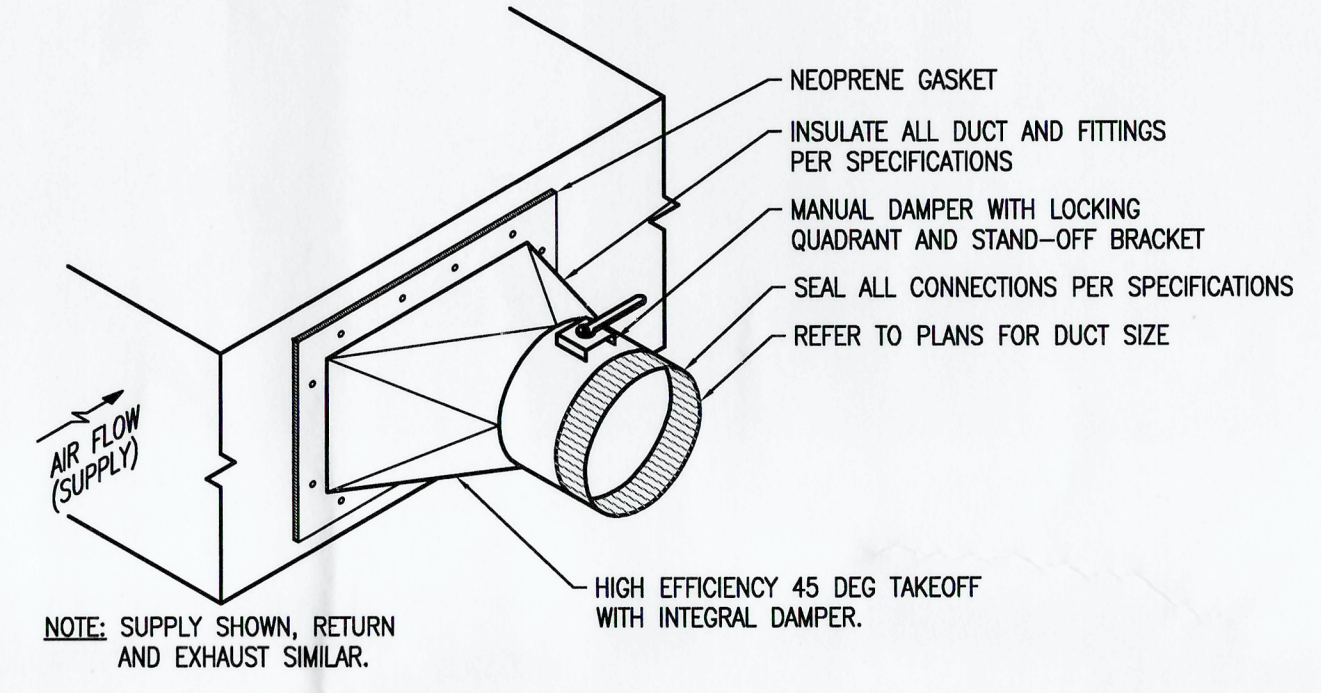
*CW does not run overhead  
Had to tie CW under slab to  
Existing CW that feed sink.  
CW shut off is @ street.  
No way to shut off inside.*

**MECHANICAL LEGEND**

- POINT OF CONNECTION - NEW TO EXISTING
- ⊕ THERMOSTAT
- ⊕ HUMIDISTAT
- EXISTING TO REMAIN
- - - EXISTING TO BE REMOVED
- CD CONDENSATE DRAIN (COLD)
- PIPE UP
- PIPE DOWN
- ⊠ SUPPLY AIR DIFFUSER
- ⊠ RETURN AIR GRILLE
- 14" ROUND DUCTWORK, DIAMETER IN INCHES.
- 14/12 RECTANGULAR DUCTWORK, SIZE IN INCHES, FIRST NUMBER IS SIDE SHOWN
- 1.5X RADIUS DUCTWORK ELBOW - ROUND OR RECTANGULAR.
- High efficiency tap with damper.
- VOLUME DAMPERS



**3 CEILING DIFFUSER DETAIL**  
SCALE: NONE



**4 ROUND DUCT TAKE-OFF DETAIL**  
SCALE: NONE

**GENERAL NOTES**

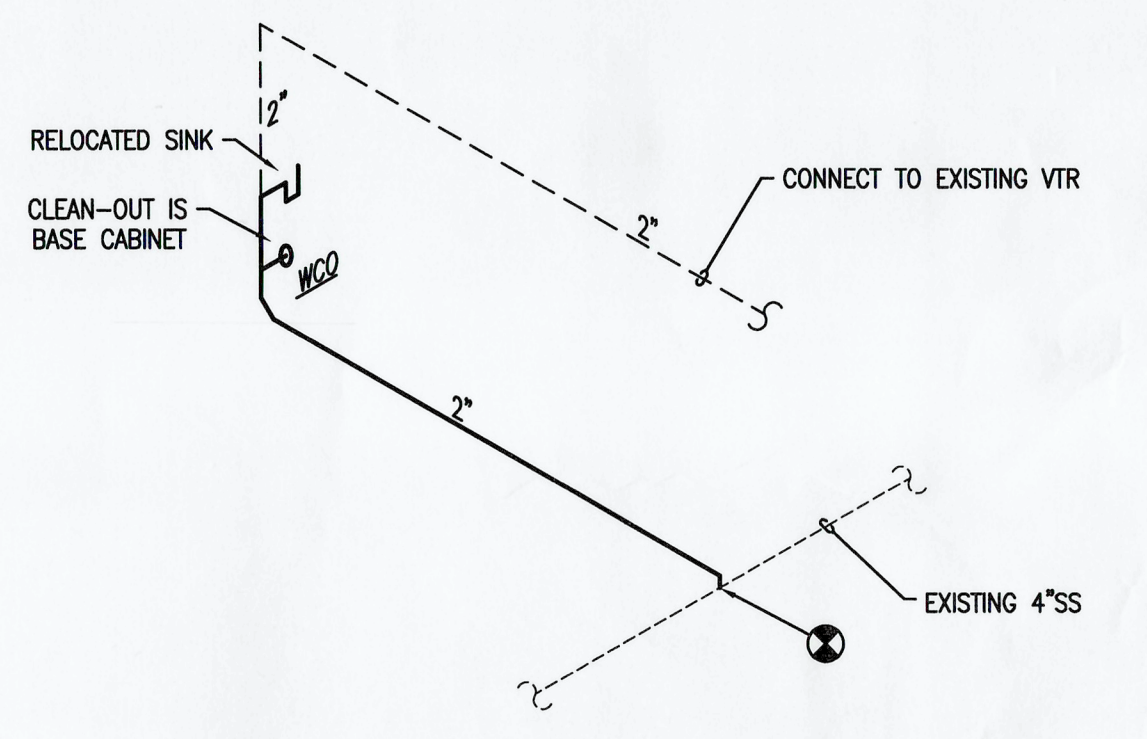
- REFER TO MECHANICAL NOTES, DETAILS, AND SCHEDULES FOR ADDITIONAL NOTES AND REQUIREMENTS.
- COORDINATE WITH ARCHITECTURAL FOR PROJECT SCHEDULE, PHASING, AND ACCESS TO THE SPACE. THE EXISTING SPACE WILL BE OCCUPIED THROUGHOUT THE PROJECT. NOISY PROCESSES MAY BE REQUIRED TO BE CONDUCTED OUTSIDE OF NORMAL BUSINESS HOURS.
- COORDINATE PLACEMENT OF AIR DEVICES WITH LIGHTS, CEILING GRID, SPRINKLERS, ETC. REFER TO ARCHITECTURAL DRAWINGS FOR CEILING LAYOUT.
- ALL SUPPLY AND RETURN DUCTWORK SHALL BE CONSTRUCTED FOR 2-INCH PRESSURE CLASSIFICATION (28 GAUGE MINIMUM), EXTERNALLY INSULATE WITH 2" DUCT WRAP.

**FIRE SPRINKLER NOTES:**

- THE FIRE PROTECTION CONTRACTOR SHALL MODIFY THE EXISTING FIRE PROTECTION SYSTEM TO PROVIDE COVERAGE TO ACCOMMODATE THE REMODEL. CONTRACTOR TO REUSE PIPE, FITTINGS, HANGERS, ETC. AS REQUIRED.
- THE SPRINKLER SYSTEMS SHALL BE CLASSIFIED FOR LIGHT HAZARD OCCUPANCY OR ORDINARY HAZARD AS REQUIRED BY THE ROOM USAGE.
- THE NEW SPRINKLERS SHALL BE OF THE SAME TYPE AND STYLE AS EXISTING AND SHALL BE CENTERED TILE.
- PROVIDE NEW WHITE SEMI-RECESSED SPRINKLERS THROUGHOUT SUITE. RELOCATE HEADS AS NEEDED FOR NEW CEILING, LIGHTS, AND HVAC DIFFUSERS.
- COORDINATE WITH ARCHITECTURAL FOR PROJECT SCHEDULE, PHASING, AND ACCESS TO THE SPACE. THE EXISTING SPACE WILL BE OCCUPIED THROUGHOUT THE PROJECT. NOISY PROCESSES MAY BE REQUIRED TO BE CONDUCTED OUTSIDE OF NORMAL BUSINESS HOURS.

**KEYED NOTES:**

- EXISTING DIFFUSER TO REMAIN. CONTRACTOR SHALL CLEAN AND TEMPORARILY SUPPORT FOR CEILING MODIFICATIONS.
- REMOVE EXISTING DIFFUSERS AND BRANCH DUCTS AS INDICATED.
- REMOVE EXISTING SINK AND ASSOCIATED VENT, CW, AND HW, BACK TO MAIN. CAP SS BELOW SLAB. PREPARE FOR RELOCATION, SEE PLUMBING PLAN.



**4 SANITARY WASTE AND VENT RISER DIAGRAM**  
SCALE: NONE

AIR DEVICES													
MARK	REFERENCE PRODUCT	USE	MAXIMUM AIRFLOW (CFM)	TYPE	STYLE	NECK SIZE (INCHES)	FACE SIZE (INCHES)	MAXIMUM APD (INCHES W.C.)	MAXIMUM N.C. RATING	MATERIAL	FINISH	PROVIDE OBD	REMARKS
A	PRICE SCD	SUPPLY	100	CEILING	LOUVERED	6" Ø	24 x 24	0.03	25	STEEL	WHITE	YES	
B	PRICE SCD	SUPPLY	225	CEILING	LOUVERED	8" Ø	24 x 24	0.04	25	STEEL	WHITE	YES	
C	PRICE SCD	SUPPLY	375	CEILING	LOUVERED	10" Ø	24 x 24	0.06	25	STEEL	WHITE	YES	
1	PRICE 80	RETURN / EXHAUST	100	CEILING	EGGORATE	6 x 6	24 x 24	-0.04	20	ALUMINUM	WHITE	NO	PROVIDE WITH 6"Ø ADAPTER
2	PRICE 80	RETURN / EXHAUST	225	CEILING	EGGORATE	8 x 8	24 x 24	-0.04	20	ALUMINUM	WHITE	NO	PROVIDE WITH 8"Ø ADAPTER
3	PRICE 80	RETURN / EXHAUST	375	CEILING	EGGORATE	10 x 10	24 x 24	-0.05	20	ALUMINUM	WHITE	NO	PROVIDE WITH 10"Ø ADAPTER

NOTES:  
 1. ACCEPTABLE MANUFACTURERS: KRUEGER, METALAIR, PRICE, TITUS, AND TUTTLE & BAILEY.  
 2. ALL CEILING DIFFUSERS SHALL BE 4-WAY THROW UNLESS OTHERWISE INDICATED ON PLANS.  
 3. COORDINATE WITH ARCHITECTURAL ROOM FINISH SCHEDULES FOR DEVICE FRAMING REQUIREMENTS.  
 4. PROVIDE OPPOSED BLADE DAMPERS AT ALL BRANCH TAKE-OFFS EVEN IF OBD'S ARE INDICATED FOR AIR DEVICES.  
 5. PROVIDE SQUARE TO ROUND TRANSITIONS AS REQUIRED FOR CONNECTION TO GRILLES.

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MECHANICAL PLAN  
**M1.0**

Date: 02/20/2023  
CAD File Name: N/A  
Project ID: 2022-01

**As-Built CSUSA 9/18/2023**

CERTIFICATE OF AUTHORIZATION  
ENERGY ENGINEERING CONSULTANTS, INC. No. 1586  
STATE OF ARKANSAS  
REGISTERED PROFESSIONAL ENGINEER  
NO. 13807  
NOM. D. KINDER  
02/20/2023