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GUADALUPE COUNTY APPRAISAL DISTRICT

MARY ERSKINE BUILDING RENOVATION

216 E COLLEGE ST
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INTERIM REVIEW

MODIFIED: CMAR RFQ VERSION



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DESIGN DEVELOPMENT
MARCH 2026

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ABBREVIATION LEGEND

A.F.F.	AT FINISH FLOOR	MTL	METAL
@	AT	M.O.	MASONRY OPENING
BRG EL	BEARING ELEVATION	O.A.	OVER ALL
℄	CENTERLINE	O.C.	ON CENTER
CJ	CONTROL JOINT	P. LAM	PLASTIC LAMINATE
DS	DOWNSPOUT	SPEC.	SPECIFIED
EA	EACH	STRUCT.	STRUCTURAL
E.W.	EYE WASH	TB	TACKBOARD
F.E.	FIRE EXTINGUISHER	T.O.B.	TOP OF BEAM
FIN. FL.	FINISH FLOOR	T.O.M.	TOP OF MASONRY
F.O.F.	FACE OF FURRING	T.O.S.	TOP OF SEAT
F.O.M.	FACE OF MASONRY	T.O.S.	TOP OF STEEL
GA.	GAUGE	TYP	TYPICAL
GYP BD	GYPSUM BOARD	REF	REFERENCE
H.	HEIGHT	W/	WTIH
MB	MARKER BOARD	SGFT	STRUCTURAL GLAZED
MS	METAL SPLASH PAN		FACING TILE

MATERIALS LEGEND

EARTH	TOP SOIL
BASE MATERIAL	PLYWOOD
CONCRETE (LARGE SCALE, SECTION, DETAIL)	WOOD - FRAMING, BLOCKING

DRAWING LEGEND

00/A3.00	SECTION - REFERENCE
	DETAIL NUMBER / SHEET NUMBER
1 / A0.00	ENLARGED PLAN / SECTION REFERENCE
	PLAN / SECTION NUMBER / SHEET NUMBER
00/A3.00	ELEVATION - REFERENCE
	ELEVATION NUMBER / SHEET NUMBER
RMNAME 203	ROOM NUMBER
	REFER TO ROOM FINISH SCHEDULE
XXX	DOOR NUMBER
	REFER TO DOOR SCHEDULE
A	PARTITION TYPE
	REFER TO PARTITION TYPE SCHEDULE

DEMOLITION & RENOVATION LEGEND

	NEW WALL
	EXISTING WALL TO REMAIN
	NEW OR EXISTING DOOR, REF. DOOR SCHEDULE

GENERAL NOTES

1. THE CONTRACTOR IS REQUIRED TO VISIT THE JOB SITE AND BE FAMILIAR WITH ALL EXISTING CONDITIONS PRIOR TO SUBMITTING A BID.
2. DIMENSIONS AND EXISTING CONSTRUCTION SHOWN ARE APPROXIMATE. FIELD VERIFY PRIOR TO CONSTRUCTION OR FABRICATION.
3. THE CONTRACTOR SHALL OBTAIN ALL PERMITS AND INSPECTIONS AS REQUIRED PER LOCAL ADMINISTRATION AUTHORITIES.
4. PROTECT ALL OPENINGS THROUGH WALLS DURING CONSTRUCTION, REPAIR ANY EXISTING CONSTRUCTION, INTERIOR OR EXTERIOR, DAMAGED BY FAILURE TO PROVIDE PROTECTION.

   REMOVE ALL DEBRIS AND REMOVED MATERIALS FROM THE PREMISES ON A DAILY BASIS.
5. COORDINATE THE SHUT DOWN OF ANY UTILITIES WITH THE OWNER AND ARCHITECT. NO SHUT DOWN OF UTILITIES ALLOWED DURING OPERATING HOURS.
6. ALL MATERIALS ARE NEW UNLESS SPECIFICALLY NOTED AS EXISTING.
7. DIMENSIONS AND EXISTING CONSTRUCTION SHOWN ARE APPROXIMATE. FIELD VERIFY PRIOR TO CONSTRUCTION OR FABRICATION.
8.

SCOPE OF WORK GENERALLY

1. EXTERIOR RENOVATION OF EXISTING FACADE INCLUDING WINDOW REPLACEMENT FOR NEW STOREFRONT, RE-POINTING OF BRICK, FLATWORK REPAIR, NEW FLAT WORK, PARKING LOT EXPANSION
2. REPLACEMENT OF EXISTING HVAC/PLUMBING/ AND ELECTRICAL ITEMS FOR NEW
3. INTERIOR REARRANGEMENT OF EXISTING SPACES INCLUDING NEW DOORS, WALLS, AND FINISHES
4. LANDSCAPE REQUIREMENTS AND SHOWN IN THE DRAWINGS AND REQUIRED ACCORDING TO THE CITY OF SEGUIN LANDSCAPE ORDINANCES AND OTHER APPLICABLE CODES
5.
6.

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REVISIONS

PROJECT NO. 2025-09

PHASE DD

DATE MARCH 2026

DESCRIPTION DRAWING INDEX

G1.01

ACCESSIBILITY STANDARD REQUIREMENTS - SEE ACCESSIBLE MOUNTING HEIGHTS SCHEDULE FOR MOUNTING HEIGHTS OF ITEMS DESIGNATED FOR CHILDREN

A. DOORS

1.IF A DOOR HAS A DOOR CLOSER, THEN THE SWEEP PERIOD OF THE CLOSER SHALL BE ADJUSTED SO THAT FROM AN OPEN POSITION OF 70 DEGREES, THE DOOR WILL TAKE AT LEAST 3 SECONDS TO MOVE A POINT 3 INCHES FROM THE LATCH, MEASURED TO THE LEADING EDGE OF THE DOOR.

2. THE MAXIMUM FORCE FOR PUSHING OR FOR PULLING OPEN A DOOR SHALL BE AS FOLLOWS:
(a) EXTERIOR HINGED DOORS: 8.5 lbf
(b) INTERIOR HINGED DOORS: 5lbf
(c) SLIDING OR FOLDING DOORS: 5lbf
(d) FIRE DOORS: AS REQUIRED BY THE GOVERNING CODE OFFICIAL.
THE FORCES DO NOT APPLY TO THE FORCE REQUIRED TO RETRACT LATCH BOLTS OR DISENGAGE OTHER DEVICES THAT MAY HOLD THE DOOR IN A CLOSED POSITION.

3.THE THRESHOLDS SPECIFIED AND DETAILED IN THESE DOCUMENTS DO NOT EXCEED 3/4" IN HEIGHT FOR EXTERIOR SLIDING DOORS AND 1/2" IN HEIGHT FOR OTHER TYPES OF DOORS. THESE THRESHOLDS SHALL HAVE A BEVELED EDGE LESS THAN 1:2 (50%). NO SUBSTITUTIONS WILL BE ACCEPTED THAT DO NOT CONFORM TO THESE REQUIREMENTS AND ALL STATE AND .D.A. EQUIREMENTS.

4.THE DOOR HARDWARE SPECIFIED AND DETAILED IN THESE DOCUMENTS INCLUDES ONLY HANDLES, PULLS, LATCHES, LOCKS AND OTHER OPERATING DEVICES SHALL HAVE A SHAPE THAT IS EASY TO GRASP WITH ONE HAND AND DO NOT REQUIRE TIGHT GRASPING, TIGHT PINCHING, OR TWISTING OF THE WRIST TO OPERATE. NO SUBSTITUTIONS WILL BE ACCEPTED THAT DO NOT CONFORM TO THESE REQUIREMENTS AND ALL STATE AND A.D.A REQUIREMENTS.

5.ALL DOORS ON THIS PROJECT HAVE BEEN SELECTED / DETAILED TO PROVIDE A MINIMUM CLEAR OPENING OF 32 INCHES IN WIDTH WITH THE DOOR OPEN 90 DEGREES MEASURED BETWEEN THE FACE OF THE DOOR AND THE OPPOSITE STOP. NO SUBSTITUTION OR MODIFICATIONS WILL BE CONSIDERED THAT REDUCE THE CLEARANCE OR CONFLICT WITH ANY STATE OR A.D.A. REQUIREMENTS.

6.ALL DOORS ON THIS PROJECT HAVE BEEN SELECTED AND DETAILED TO PROVIDE A MINIMUM CLEAR OPENING OF 84 INCHES IN HEIGHT. NO SUBSTITUTIONS OR MODIFICATIONS WILL BE CONSIDERED THAT REDUCE THE CLEARANCE OR CONFLICT WITH ANY STATE OR A.D.AREQUIREMENT.

B. GRAB BARS - ADULT & STAFF

1.THE STRUCTURAL STRENGTH OF GRAB BARS, TUB AND SHOWER SEATS, FASTENERS AND MOUNTING DEVICES SHALL MEET THE FOLLOWING:
(a) BENDING STRESS IN A GRAB BAR OR SEAT INDUCED BY THE MAXIMUM BENDING MOMENT FROM THE APPLICATION OF 250 lbf SHALL BE LESS THAN THE ALLOWABLE SHEAR STRESS FOR THE MATERIAL OF THE GRAB BAR OR SEAT.

(b) SHEAR STRESS INDUCED IN A GRAB BAR OR SEAT BY THE APPLICATION OF 250 lbf SHALL BE LESS THAN THE ALLOWABLE SHEAR STRESS FOR THE MATERIAL OF THE GRAB BAR OR SEAT. IF THE CONNECTION BETWEEN THE GRAB BAR OR SEAT AND ITS MOUNTING BRACKET OR OTHER SUPPORT IS CONSIDERED TO BE FULLY RESTRAINED, THEN DIRECT AND TORSIONAL SHEAR STRESSES SHALL BE TOTALED FOR THE COMBINED SHEAR STRESS, WHICH SHALL NOT EXCEED THE ALLOWABLE SHEAR STRESS.

(c)SHEAR FORCE INDUCED IN A FASTENER OR MOUNTING DEVICE FROM THE APPLICATION OF 250 lbf SHALL BE LESS THAN THE ALLOWABLE LATERAL LOAD OF EITHER THE FASTENER OR THE SUPPORTING STRUCTURE WHICH EVER IS THE SMALLER ALLOWABLE LOAD.

(d) TENSILE FORCE INDUCED IN A FASTENER BY A DIRECT TENSION FORCE OF 250 lbf PLUS THE MAXIMUM MOMENT FROM THE APPLICATION OF 250lbf SHALL BE LESS THAN THE ALLOWABLE WITHDRAWAL LOAD BETWEEN THE FASTENER AND THE SUPPORTING STRUCTURE.

(e) GRAB BARS SHALL NOT ROTATE WITHIN THEIR FITTINGS

(f) PROVIDE SOLID BLOCKING FOR MOUNTING

2. THE DIAMETER OF WIDTH OF THE GRIPPING SURFACES OF A GRAB BAR SHALL BE 1 1/4" TO 1 1/2" OR THE SHAPE SHALL PROVIDE AN EQUIVALENT GRIPPING SURFACE. IF THE GRAB BARS ARE MOUNTED ADJACENT TO A WALL, THE SPACE BETWEEN THE WALL AND THE GRAB BARS SHALL BE 1 1/2".

C. CONTROLS - ADULT & STAFF

1. ALL CONTROLS AND DEVICES HAVING MECHANICAL OR ELECTRICAL OPERATING MECHANISMS WHICH ARE EXPECTED TO BE OPERATED BY OCCUPANTS, VISITORS OR OTHER USERS OF A BUILDING OR FACILITY SHALL COMPLY WITH DETAILS H/C-1, H/C-2, H/C-3 AND H/C-4. SUCH MECHANISMS MAY INCLUDE, BUT ARE NOT LIMITED TO, THERMOSTATS, LIGHT SWITCHES, ALARM ACTIVATING UNITS, VENTILATORS, ELECTRICAL OUTLETS,ETC.

2. UNLESS INDICATED OTHERWISE, THE HIGHEST OPERABLE PART OF ALL CONTROLS, DISPENSERS, RECEPTACLES, AND OTHER OPERABLE EQUIPMENT SHALL BE PLACED WITHIN AT LEAST ONE OF THE REACH RANGES PROVIDED IN DETAIL H/C-1, H/C-2, H/C-3 AND H/C-4. EXCEPT WHERE OTHERWISE NOTED, ELECTRICAL AND COMMUNICATIONS SYSTEMS RECEPTACLES ON WALLS SHALL BE MOUNTED NO LESS THAN 15" ABOVE FLOOR.

3. CONTROLS AND OPERATING MECHANISMS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST. THE FORCE REQUIRED TO ACTIVATE CONTROL SHALL BE NO GREATER THAN 5 lbf.

D. WATER CLOSETS - ADULT & STAFF

1. THE HEIGHT OF WATER CLOSETS SHALL BE 17" TO 19" MEASURED TO THE TOP OF THE TOILET SEAT

2.GRAB BARS FOR WATER CLOSETS NOT LOCATED IN STALLS SHALL COMPLY WITH 1 &2/HC-1 THE GRAB BAR BEHIND THE WATER CLOSET SHALL BE 36" TO CENTERLINE A.F.F

3. TOILET PAPER DISPENSERS SHALL BE INSTALLED WITHIN REACH AS SHOWN IN 1/HC-1 DISPENSERS THAT CONTROL DELIVERY OR THAT DO NOT PERMIT CONTINUOUS PAPER FLOW SHALL NOT BE USED.

4.CONTROLS SHALL BE NO HIGHER THAN 44" AND LOCATED ON THE WIDE SIDE

E. TOILET STALLS - ADULT & STAFF

1. WATER CLOSETS IN ACCESSIBLE STALLS SHALL COMPLY WITH THE INFORMATION ON WATER CLOSETS ABOVE.

2. GRAB BARS COMPLYING WITH THE LENGTH AND POSITIONING SHOWN IN 1/HC-1 & 2/HC-1 SHALL BE PROVIDED. GRAB BARS MAY BE MOUNTED WITH ANY DESIRED METHOD AS LONG AS THEY HAVE A GRIPPING SURFACE AT THE LOCATIONS SHOWN AND DO NOT OBSTRUCT THE REQUIRED CLEAR FLOOR AREA.

F. URINALS - ADULT & STAFF

1. HEIGHT. URINALS SHALL BE STALL-TYPE. OR WALL-HUNG WITH A TAPERED ELONGATED RIM MOUNTED AT A MAXIMUM OF 17 in. (430mm) ABOVE THE FINISH FLOOR. A TAPERED ELONGATED RIM IS ONE THAT NARROWS TOWARD THE FRONT TO ALLOW A WHEELCHAIR USER TO STRADDLE THE BASIN AND WHICH EXTENDS AT LEAST 14" FROM THE VERTICAL SURFACE ON WHICH THE FIXTURE IS MOUNTED.

2. CLEAR FLOOR SPACE. A CLEAR FLOOR SPACE 30in BY 48in (760mm BY 1220mm) SHALL BE PROVIDED IN FRONT OF URINALS TO ALLOW FORWARD APPROACH. THIS CLEAR SPACE SHALL ADJOIN OR OVERLAP AN ACCESSIBLE ROUTE AND SHALL COMPLY WITH 4.2.4 (CLEAR FLOOR OR GROUND SPACE FOR WHEELCHAIRS.) URINALS INSTALLED IN ALCOVES DEEPER THAN 24in REQUIRE ADDITIONAL MANEUVERING AREA. URINAL SHIELDS THAT DO NOT EXTEND BEYOND THE FRONT EDGE OF THE URINAL RIM MAY BE PROVIDED WITH 29in CLEARANCE BETWEEN THEM.

3. FLUSH CONTROLS SHALL BE HAND OPERATED OR AUTOMATIC, AND SHALL COMPLY WITH 4.27.4, AND SHALL BE MOUNTED NO MORE THAN 44in (1120mm) ABOVE THE FINISH FLOOR.

G. DRINKING FOUNTAINS AND WATER COOLERS - ADULT & STAFF

1. SPOUTS SHALL BE NO HIGHER THAN 36 in MEASURED FROM THE FLOOR OR GROUND OR FLOOR SURFACES TO THE SPOUT OUTLET.

2. UNIT CONTROLS SHALL BE FRONT MOUNTED OR SIDE MOUNTED NEAR THE FRONT EDGE.

3. WALL-AND POST-MOUNTED CANTILEVERED UNITS SHALL HAVE A CLEAR KNEE SPACE BETWEEN THE BOTTOM OF THE APRON AND THE FLOOR OR GROUND AT LEAST 27in HIGH, 30in WIDE, AND 17in TO 19in DEEP AND SHALL ALSO HAVE A MINIMUM CLEAR FLOOR SPACE 30in BY 48in TO ALLOW A PERSON IN A WHEELCHAIR TO APPROACH THE UNIT FACING FORWARD.

FREESTANDING OR BUILT-IN UNITS NOT HAVING A CLEAR SPACE UNDER THEM SHALL HAVE A CLEAR FLOOR SPACE AT LEAST 30" X 48" THAT ALLOWS A PERSON IN A WHEELCHAIR TO MAKE A PARALLEL APPROACH TO THE UNIT.

H. LAVATORIES AND MIRRORS - ADULT & STAFF

1. THESE REQUIREMENTS SHALL APPLY TO LAVATORY FIXTURES, VANITIES, AND BUILT-IN LAVATORIES.

2. LAVATORIES SHALL BE MOUNTED WITH THE RIM OR COUNTER SURFACE NO HIGHER THAN 34" A.F.F PROVIDE A CLEARANCE OF AT LEAST 29" A.F.F TO THE BOTTOM OF THE APRON. KNEE AND TOE CLEARANCE SHALL COMPLY WITH THE DRAWINGS ON THIS SHEET.

3. A CLEAR FLOOR SPACE 30" X 48" SHALL BE PROVIDED IN FRONT OF A LAVATORY TO ALLOW FORWARD APPROACH. SUCH CLEAR FLOOR SPACE SHALL ADJOIN OR OVERLAP AN ACCESSIBLE ROUTE AND SHALL EXTEND A MAXIMUM OF 19" UNDERNEATH THE LAVATORY.

4. HOT WATER AND DRAIN PIPES UNDER LAVATORIES SHALL BE INSULATED OR OTHERWISE CONFIGURED TO PROTECT AGAINST CONTACT. THERE SHALL BE NO SHARP OR ABRASIVE SURFACES UNDER LAVATORIES.

5. LEVER-OPERATED, PUSH-TYPE, AND ELECTRONICALLY CONTROLLED MECHANISMS ARE EXAMPLES OF ACCEPTABLE DESIGNS. IF SELF- CLOSING VALVES ARE USED, THE FAUCETS SHALL REMAIN OPEN FOR AT LEAST 10 SECONDS.

6. MIRRORS SHALL BE MOUNTED WITH THE BOTTOM EDGE OF THE REFLECTING SURFACE NO HIGHER THAN 40" A.F.F. AND TOP-
SURFACES NO LOWER THAN 6'-4" A.F.F.

I. SURFACES - ADULT & STAFF

SURFACES OF CURB RAMPS SHALL COMPLY WITH THE FOLLOWING.

1.CURB RAMPS NOT IN THE PUBLIC RIGHT OF WAY: THE DETECTABLE WARNING SURFACE MUST EXTEND THE FULL WIDTH AND DEPTH OF THE CURB RAMP (OR LANDING AS APPLICABLE AT PARALLEL CURB RAMPS), AND SHALL BE TRUNCATED DOMES COMPLY WITH TAS 4.29.2. THE FULL WIDTH AND DEPTH OF CURB RAMPS SHALL HAVE A LIGHT REFLECTIVE VALUE AND TEXTURE THAT SIGNIFICANTLY CONTRASTS WITH THAT OF THE ADJOINING PEDESTRIAN ROUTE.

2.CURB RAMPS IN THE PUBLIC RIGHT OF WAY: THE DETECTABLE WARNING SURFACE SHALL BE A MINIMUM OF 24" IN DEPTH (IN THE DIRECTION OF PEDESTRIAN TRAVEL) IN LIEU OF THE FULL DEPTH OF THE CURB RAMP. SURFACE SHALL BE TRUNCATED EXTEND THE FULL WIDTH OF THE CURB RAMP (OR LANDING AS APPLICABLE AT PARALLEL CURB RAMPS). THE FULL WIDTH AND DEPTH OF CURB RAMPS SHALL HAVE A LIGHT REFLECTIVE VALUE AND TEXTURE THAT SIGNIFICANTLY CONTRASTS WITH THAT OF THE ADJOINING PEDESTRIAN ROUTE.

J. SHOWER STALLS - ADULT & STAFF

1. SHOWER STALL SIZE AND CLEAR FLOOR SHALL BE 36" X 36".

2. A SEAT SHALL BE PROVIDED IN SHOWER STALLS 36"X36". THE SEAT SHALL BE MOUNTED 17" - 19" FROM THE BATHROOM FLOOR AND SHALL EXTEND TO THE FULL DEPTH OF THE STALL. IN A 36"X36" SHOWER STALL THE SEAT SHALL BE ON THE WALL OPPOSITE THE CONTROLS.

3. IN SHOWER STALLS 36"X36", ALL CONTROLS, FAUCETS, AND THE SHOWER UNIT SHALL BE MOUNTED ON THE SIDE WALL OPPOSITE THE CONTROLS.

4. A SHOWER SPRAY WITH A HOSE AT LEAST 60" LONG THAT CAN BE USED BOTH AS A FIXED SHOWER HEAD AND AS A HAND-HELD SHOWER SHALL BE PROVIDED

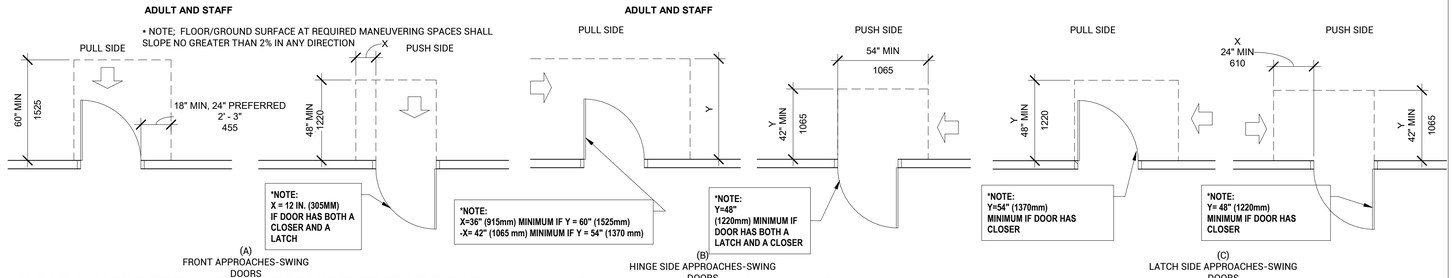
5. IF PROVIDED, CURBS IN SHOWER STALLS 36" X 36" SHALL BE NO HIGHER THAN 1/2".

ACCESSIBILITY STANDARDS

All aspects of this project shall comply with the 2012 TEXAS ACCESSIBILITY STANDARDS, Elimination of Architectural Barriers Texas Government Code, Chapter 469 Administered by Texas department of licensing and regulation, Effective March 15, 2012, including but not limited to the following:

ACCESSIBILITY STANDARDS GENERAL NOTES

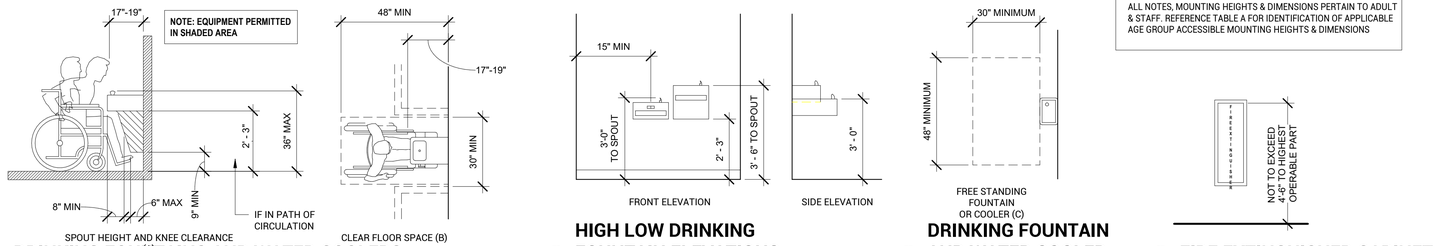
1. ALL EXPOSED PIPES AND SURFACES MUST BE INSULATED
2. ALL DOOR HARDWARE & LAVATORY FAUCETS MUST BE LEVERS / NO ROUND KNOBS
3. ALL HANDRAILS, GRAB BARS, AND TUB AND SHOWER SEATS MUST HOLD 250 LBS
4. ALL DOOR CLOSERS WILL BE ADJUSTED TO A MIN OF 3 SECONDS
5. ALL DOOR OPENING FORCE WILL BE ADJUSTED TO 5 LBS MIN.



4 CLEAR MANEUVERING SPACE REQUIREMENT AT DOORS

SCALE: 3/16" = 1'-0"

* NOTE: ALL DOORS IN ALCOVES SHALL COMPLY WITH THE CLEARANCE FOR FRONT APPROACHES.



SPOUT HEIGHT AND KNEE CLEARANCE

CLEAR FLOOR SPACE (B)

FRONT ELEVATION

SIDE ELEVATION

5 DRINKING FOUNTAINS AND WATER COOLERS

SCALE: 3/8" = 1'-0" ADULT AND STAFF

6 HIGH LOW DRINKING FOUNTAIN ELEVATIONS

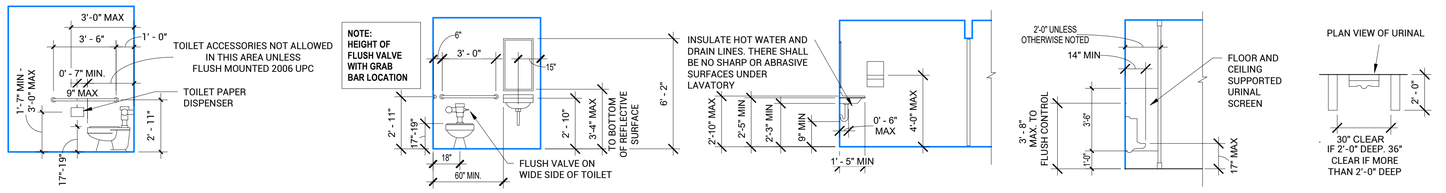
SCALE: 3/8" = 1'-0" ADULT AND STAFF

7 DRINKING FOUNTAIN AND WATER COOLER

SCALE: 3/8" = 1'-0" ADULT AND STAFF

8 FIRE EXTINGUISHER CABINET

SCALE: 3/8" = 1'-0"



9 TYPICAL SINGLE USER TOILET ROOM WATER CLOSET

SCALE: 1/4" = 1'-0" ADULT AND STAFF

10 TYPICAL SINGLE USER TOILET ROOM WATER CLOSET AND LAVATORY

SCALE: 1/4" = 1'-0" ADULT AND STAFF

11 TYPICAL SINGLE USER TOILET ROOM LAVATORY

SCALE: 1/4" = 1'-0" ADULT AND STAFF

12 TYPICAL ACCESSIBLE URINAL AND SCREEN

SCALE: 1/4" = 1'-0" ADULT AND STAFF

TABLE A - ACCESSIBLE MOUNTING HEIGHTS

	ADULTS		ADULTS
REACH RANGES		MIRRORS	
FORWARD REACH	15" TO 48"	TO BOTTOM OF REFLECTIVE SURFACE	
SIDE REACH	15" TO 48"	ABOVE LAVATORIES OR COUNTERTOPS	40" MAXIMUM
RAMPS AND STAIRS		NOT ABOVE LAVATORIES OR COUNTERTOPS	35" MAXIMUM
TOP OF HANDRAIL GRIPPING SURFACE	34" TO 38"	TO TOP EDGE OF MIRROR	74" MINIMUM
ELEVATORS		STORAGE	
CAR CONROL FLOOR BUTTONS		FORWARD REACH	15" TO 48"
FORWARD REACH	15" TO 48"	DISTANCE FROM WHEELCHAIR	
SIDE REACH	15" TO 48"	0" TO 20"	20" TO 48"
EMERGENCY COMMUNIATION		20" TO 25"	44" MAXIMUM
HIGHEST OPERABLE PART	48" MAXIMUM		
DRINKING FOUNTAINS AND WATER COOLERS			
FORWARD REACH		SIDE REACH	15" TO 48"
SPOUT HEIGHT (TO OUTLET)	36" MAXIMUM	DISTANCE FROM WHEELCHAIR	
KNEE CLEARANCE	27" MINIMUM	0" TO 10"	15" TO 48"
SIDE REACH		10" TO 24"	46" MAXIMUM
SPOUT HEIGHT (TO OUTLET)	36" MAXIMUM		
WATER CLOSETS			
TOP OF SEAT	17" TO 19"	CONTROLS AND OPERATING MECHANISMS	
GRAB BARS	33" TO 36"	HIGHEST OPERABLE PART	48" MAXIMUM
DISPENSER HEIGHT	15" TO 48"	FORWARD REACH	48" MAXIMUM
FLUSH CONTROLS	36" MAXIMUM	SIDE REACH	
CENTERLINE	16" TO 18"		
		FIXED OR BUILT-IN SEATING AND TABLES	
		READING AND STUDY AREAS AND	
URINALS		WORK STATIONS	
RIM OF BASIN	17" MAXIMUM	HEIGHT OF TABLES OR COUNTERS	28" TO 34"
FLUSH CONTROLS	15" TO 48"	KNEE CLEARANCE	27" MINIMUM
LAVATORIES AND SINKS			
RIM OR COUNTER SURFACE	34" MAXIMUM	SHOWER STALLS	
TO BOTTOM OF APRON	29" MAXIMUM	SEAT MOUNTING HEIGHT	17" TO 19"
TO FAUCETS FROM EDGE	34" MAXIMUM	CONTROLS, FAUCETS, SHOWER SPRAY UNIT	38" TO 48"

INTERIM REVIEW
Document incomplete; Not intended for permit, bidding, or construction.

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GUADALUPE COUNTY APPRAISAL DISTRICT
MARY ERSKINE BUILDING RENOVATION
216 E COLLEGE ST
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REVISIONS

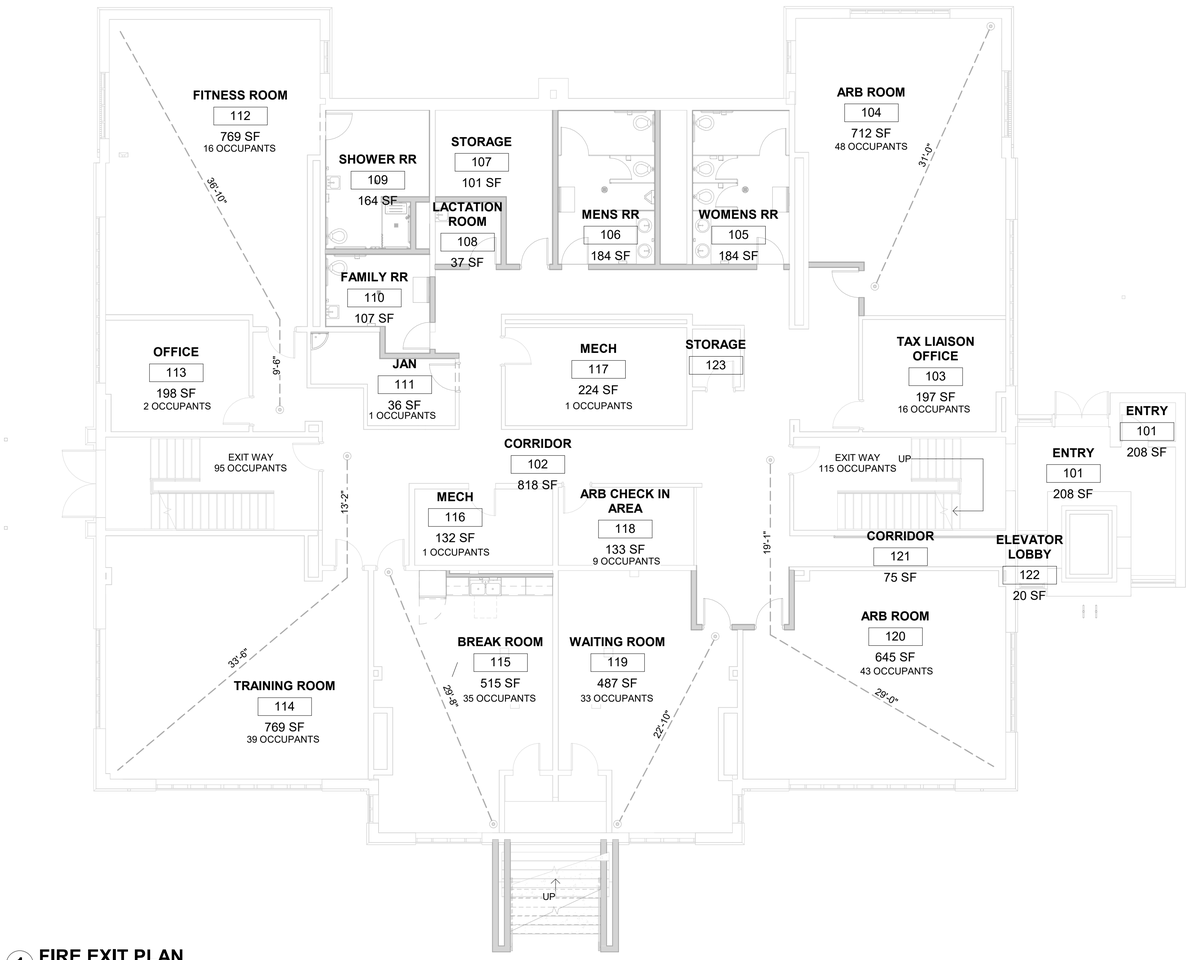
PROJECT NO. 2025-09

PHASE DD

DATE MARCH 2026

DESCRIPTION ACCESSIBILITY STANDARDS

G1.02



1 **FIRE EXIT PLAN**
SCALE: 1/8" = 1'-0"

BUIDLING CODE ANALYSIS INTRODUCTION

The Mary Erskine Building in Seguin, Texas was initially constructed in 1914 for the Seguin Independent School District High School. In subsequent years, the building became an elementary campus and then a vocational/technical school. More recently the building was acquired by a private investor and then acquired by the Guadalupe Appraisal District for its Seguin office headquarters.

The site is a full 4-acre block in the downtown area of Seguin. The original 1914 building is three stories and comprised of former classrooms and offices. Later additions to the campus include a single-story classroom building, a band hall, and combination gymnasium, auditorium with stage, cafeteria and kitchen building. The site currently has 32 parking spaces in a paved lot on the east side and 18 parking spaces on the north. There is a concrete paved basketball court, abandoned swing sets, and evidence of a former athletic track.

The current scope of work includes exterior restoration, interior renovation and site and drainage repairs to the three-story main building. Site work will also include expansion of the available parking with a new paved lot and driveway approach.

The single-story classroom building and the gymnasium building are not a part of the scope for this project. It is anticipated that the gymnasium will be renovated at a future date but the single-story classroom building may be demolished.

Existing Conditions

Area	Main Building Ground Floor	8,592 SF
	Main Building Second / Main Floor	7,593 SF
	Main Building Third Flor	7,536 SF
	23,721 SF	

NOT IN SCOPE

Single Story Classroom & Band Hall	4,231 SF
Gymnasium/Cafeteria	8,162 SF
Total For Campus	36,114 SF

Date Constructed Original section - 1914. Additions - assumed 1960's.

Construction Concrete foundations, (first floor of Main Building is partially below grade), concrete framed columns, beams, and stair structure, wood framed floor and roof structure, brick veneer on masonry walls, interior plaster and gypsum board walls, original wood flooring in most rooms, suspended acoustical ceilings retrofitted when the building received air conditioning. The three-story building is fire sprinklered.

Building Code and Zoning Code Analysis

Authority with Jurisdiction: City of Seguin, Texas

Current adopted codes: International Building Code 2021

International Fire Code 2021,

International Energy Conservation Code 2021

International Plumbing Code 2021

International Mechanical Code 2021

National Fire Protection Code 2018

National Electric Code 2023

Seguin Unified Development Code

(Per City of Seguin website)

Occupancy Type

Current Group E Educational

Proposed Occupancy Group B Civic Administration

Occupancy Separation Any assembly spaces in a Group B occupancy with more than 50 occupants or more than 750 square feet will be classified as Group A-3, per 303.1.2. There are no rooms with more than 750 square feet or 50 occupants.

Construction Type Type V-B Non-combustible, Sprinklered

Fire Sprinkler Currently Yes

Analysis based on Group B Occupancy

Area	Actual	Allowable (with fire sprinkler)
Main Building Area	23,721 SF	36,000 SF
Total Area all buildings	36,114 SF	Frontage Increase factor: 100% of perimeter is 30 feet or greater to public way = 75% increase
Stories	Actual - 3	Allowed- 3
Height	Actual 46 FT	Allowed - 60 FT

Fire Resistance

Fire Resistance Ratings for Building Elements - 0 hours

Fire Resistance Ratings, Exterior, greater 30 FT Fire Separation - 0 hours

The Main Building is fire sprinklered, therefore, 1 hour fire rated exit corridors are not required. (Corridors in non-fire sprinklered Occupancy Group B buildings are required to have 1 hour fire rated construction with 1/3 hour rated doors when the occupant load is more than 30.)

Occupant Load Based on Assumed Interior Reorganization of Spaces

Spaces	Area	Occupant Factor	Occupant Load
First Floor			
ARB Room 104	712 SF	15 net	48
ARB Room 120	645 SF	15 net	43
Waiting Areas	620 SF	15 net	42
Breakroom	515 SF	15 net	35
Health and Fitness Room	769 SF	50 gross	16
Training Classroom	766 SF	20 net	39
Offices	395 SF	100 gross	4
Storage /Mech	500 SF	300 gross	3
First Floor Total Occupancy	`		230

Spaces	Area	Occupant Factor	Occupant Load
Second Floor			
Conference Room 202	645 SF	15 net	43
Waiting Areas	300 SF	15 net	20
Breakroom	341 SF	15 net	23
Offices	2,786 SF	100 gross	30
Storage /Mech	264 SF	300 gross	1
Second Floor Total Occupancy	`		117

Spaces	Area	Occupant Factor	Occupant Load
Third Floor			
Conference Room 313	200 SF	15 net	14
Conference Room 315	658 SF	15 net	44
Breakroom	509 SF	15 net	34
Offices	3,338 SF	100 gross	37
Storage /Mech	174 SF	300 gross	1
Third Floor Total Occupancy	`		130

Total Building Occupants 477

Exit Requirements

Egress sizing – stairways

First Floor: 230 occupants / 2 stairs * 0.30 inches = 36 inches minimum, Actual = 62"

Second Floor: 117 occupants + ½ first floor and third floor / 2 stairs * 0.30 inches = 149 *0.3 = 45". Actual 62"

Third Floor: 130 occupants / 2 stairs * 0.30 inches = 20 inches minimum, Actual = 62"

Egress sizing – exit ways:

First Floor 230 occupants *0.2 inches – 46 inches total exit width. Actual 124"

Second Floor 117 occupants *0.2 inches – 24 inches total exit width. Actual 216"

third Floor 130 occupants *0.2 inches – 26 inches total exit width. Actual 124"

Corridor minimum width: 44". Actual – 44 " hallway to elevator

Plumbing fixture requirements - 2018 IBC

Business

Water Closets: 1 per 25 for first 50, then 1 for each 50 thereafter

Lavatories: 1 per 40 for first 80, then 1 for each 80 thereafter

Assume 239 women and 239 men

Fixtures required:

Women- 6 water closets, 5 lavatories

Men – 6 water closets / urinals, 5 lavatories

(For comparison, Assembly spaces without permanent seating require 1 water closet per 125 men, 1 water closet per 65 women and 1 lavatory per 200 persons.)

City of Seguin Unified Development Code

Zoning: Neighborhood Commercial

Parking requirements – Main Building Only

Offices - 1 space per each 300 GSF 23,721 / 300 = 80 parking spaces min

Actual existing – 32 adjacent to Main Building

New parking lot – 32 parking spaces

Revise existing outdoor basketball court for parking - 16 parking spaces

Other City of Seguin Requirements:

5' wide concrete sidewalk contiguous at all street frontage.

26' wide fire access lane between 15' and 30' of building for aerial ladder truck.

Landscape ordinance compliance

(Note: 18 parking spaces exist along the north property line but these are non-conforming per the current City of Seguin ordinances and are required to be removed. Activation of gymnasium, band hall or one-story classroom building will require additional parking.)

INTERIM REVIEW
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REVISIONS

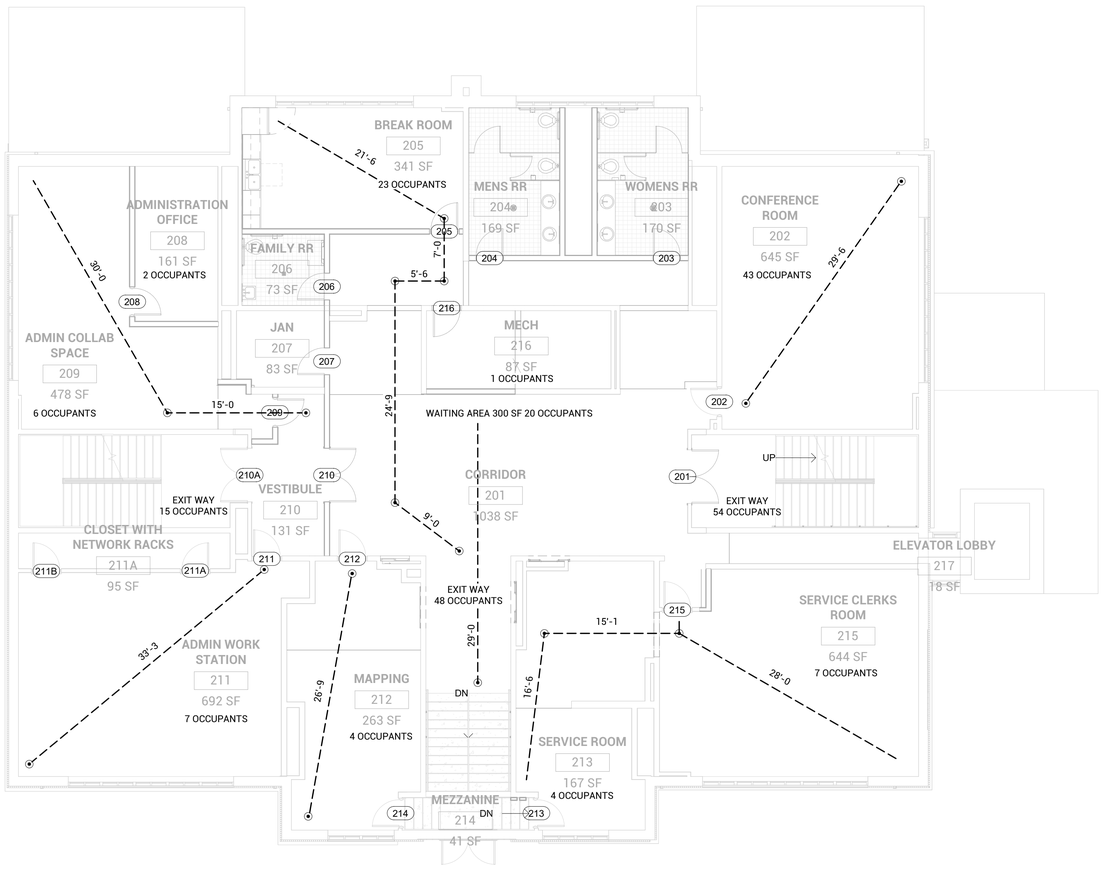
PROJECT NO.
2025-09

PHASE
DD

DATE
MARCH 2026

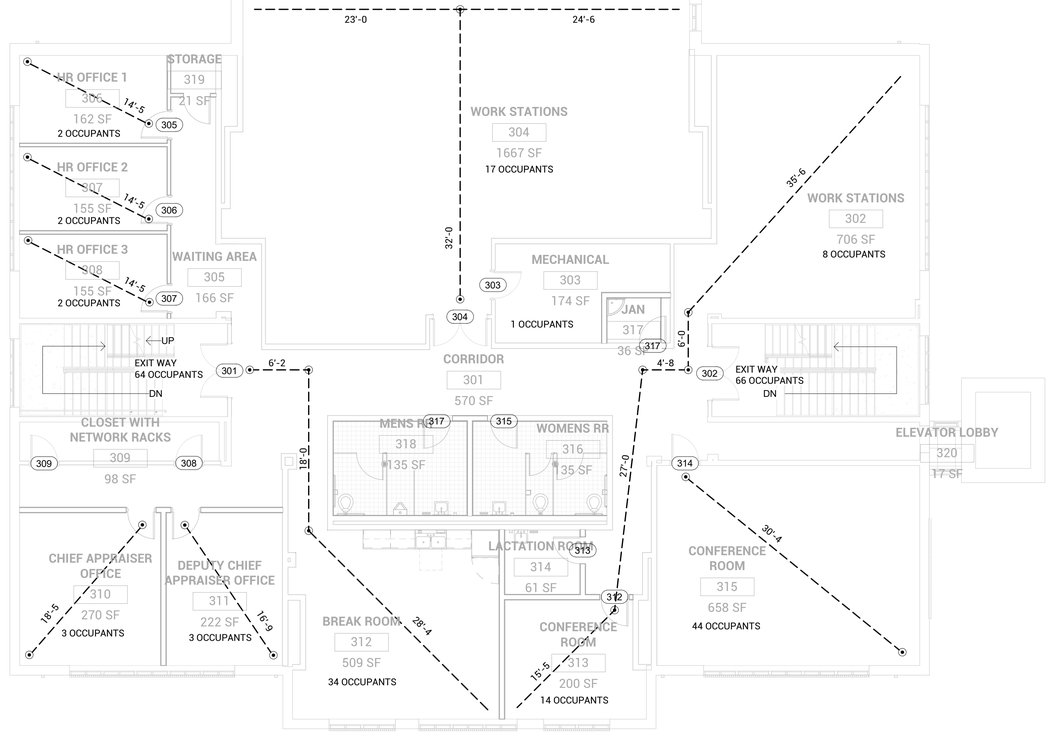
DESCRIPTION
BUILDING CODE ANALYSIS

G1.03



1 LEVEL 2 FLOOR PLAN

SCALE: 1/8" = 1'-0"



2 LEVEL 3 FLOOR PLAN

SCALE: 1/8" = 1'-0"

INTERIM REVIEW
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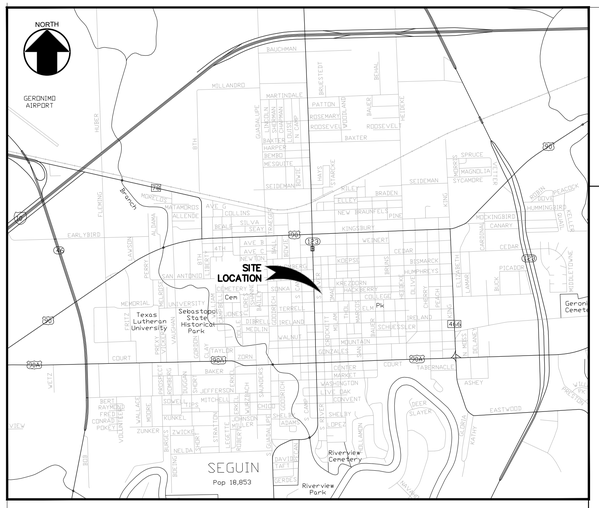
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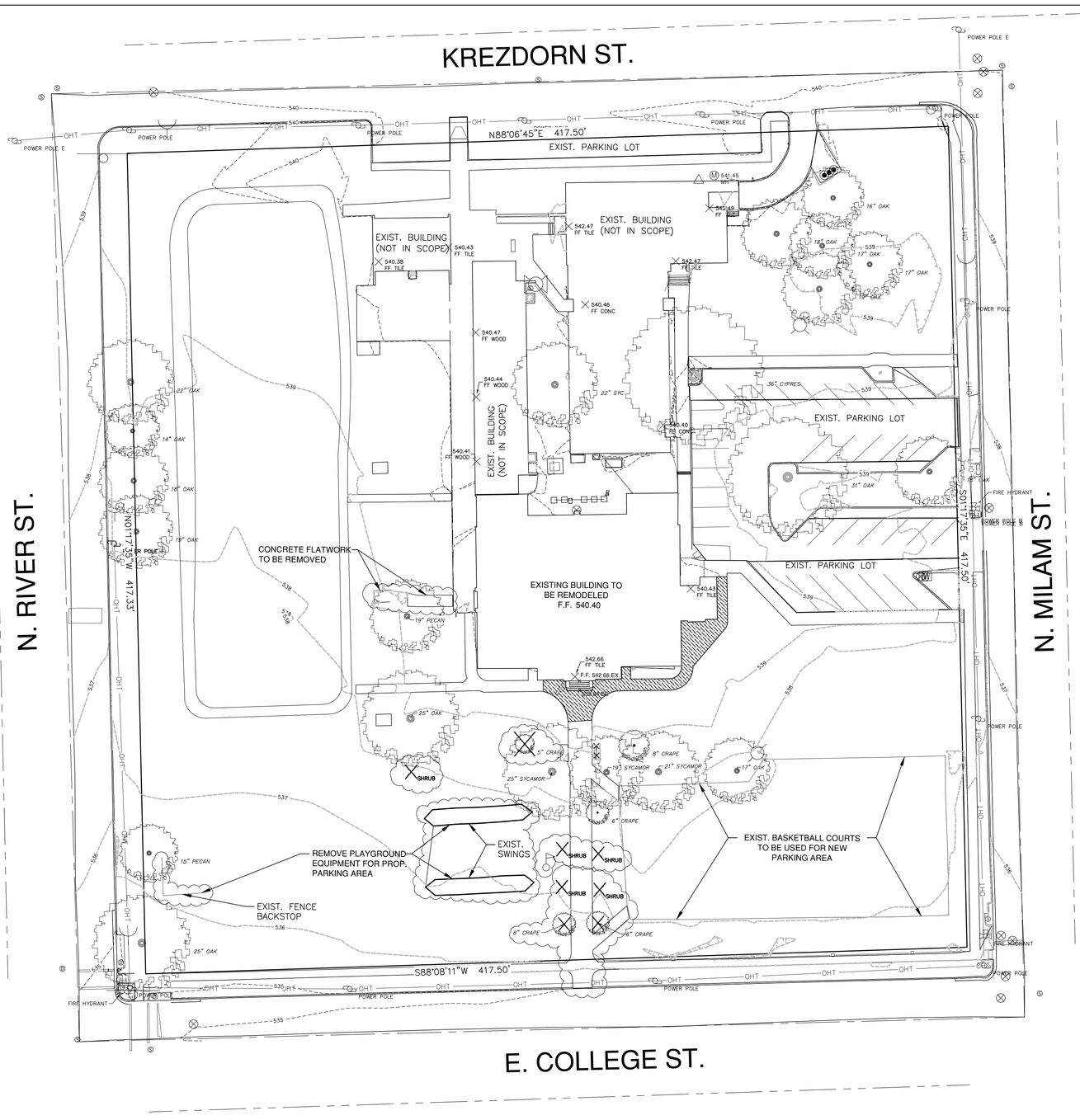
GUADALUPE COUNTY APPRAISAL DISTRICT
MARY ERSKINE BUILDING RENOVATION
216 E COLLEGE ST
SEGUIN, TEXAS 78155

REVISIONS	
PROJECT NO.	2025-09
PHASE	DD
DATE	MARCH 2026
DESCRIPTION	BUILDING CODE ANALYSIS

G1.04



LOCATION MAP
N.T.S.



N W E S

0 30' 60'
GRAPHIC SCALE 30'

LEGEND

- STRUCTURES & PAVEMENT TO BE REMOVED
- TREE AND/OR SHRUB TO BE REMOVED
- OHT — OVERHEAD TELEPHONE
- ROAD CENTERLINE
- R.O.W. LINE
- PROPERTY BOUNDARY

INTERIM REVIEW
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MARY ERSKINE BUILDING RENOVATION
216 E COLLEGE ST
SEGUIN, TEXAS 78155

REVISIONS
TEXT

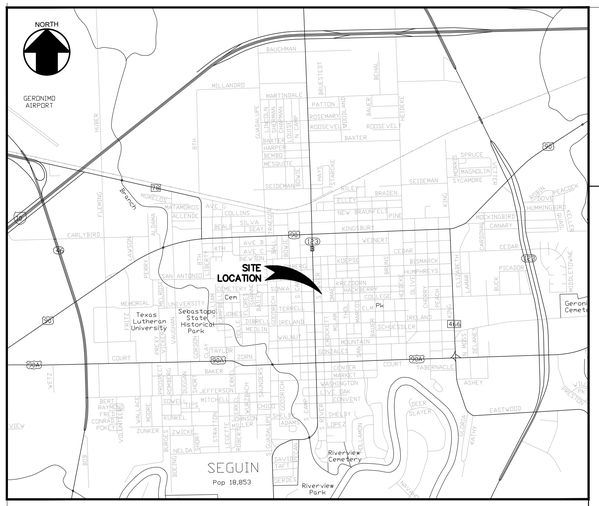
PROJECT NO.
XX-XX

PHASE
CONSTRUCTION DOCUMENTS

DATE
FEBRUARY 2026

DESCRIPTION
EXISTING SITE PLAN/DEMO PLAN

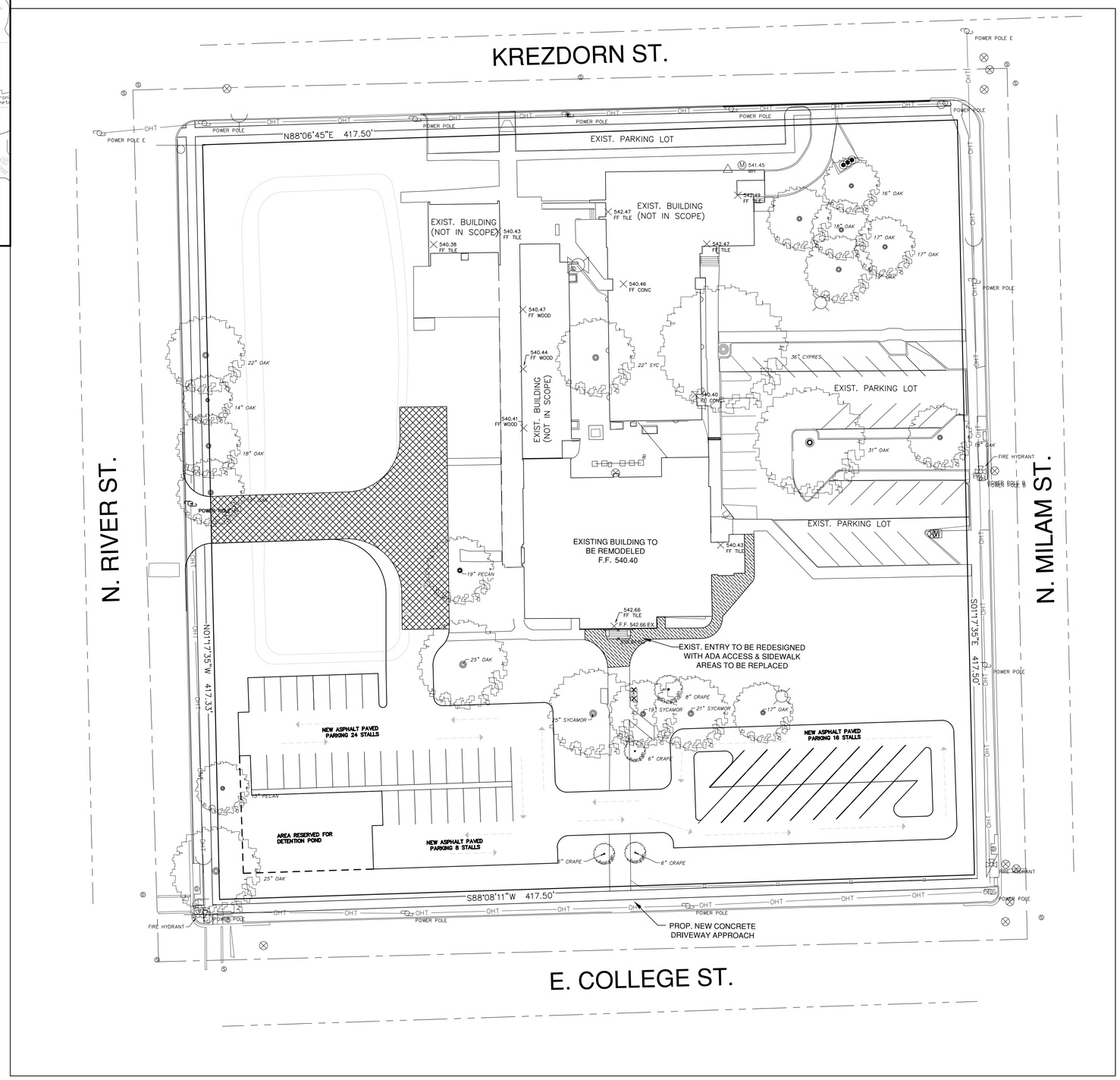
C1.0



LOCATION MAP
N.T.S.

LEGEND

- OHT — OVERHEAD TELEPHONE
- ROAD CENTERLINE
- R.O.W. LINE
- PROPERTY BOUNDARY



GRAPHIC SCALE 30'

INTERIM REVIEW
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REVISIONS
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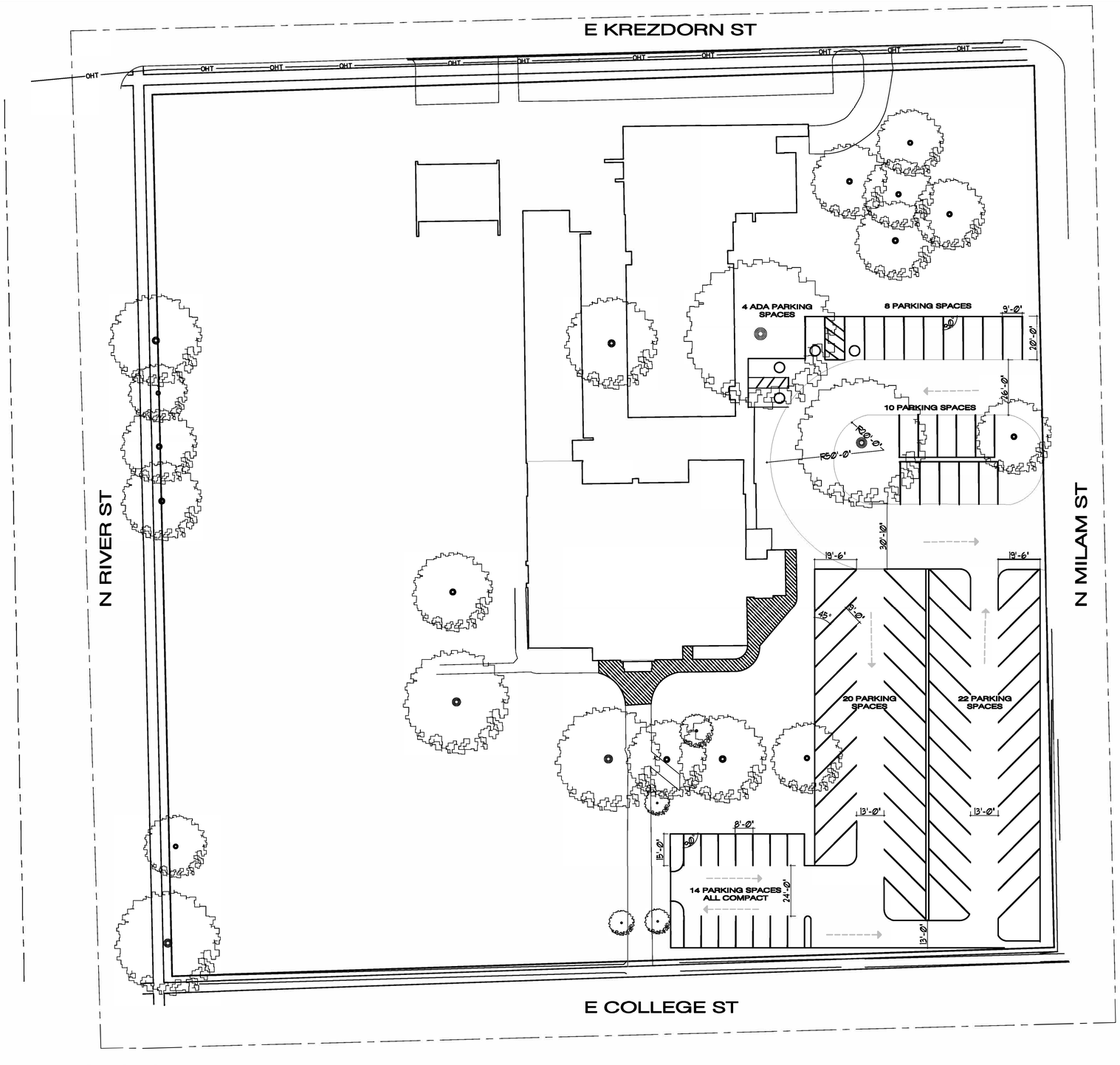
PROJECT NO.
XX-XX

PHASE
CONSTRUCTION DOCUMENTS

DATE
FEBRUARY 2026

DESCRIPTION
PROPOSED SITE PLAN

C2.0



01 SITE LAYOUT OPTION
SCALE: 1:300

Preliminary Drawing
Parking Lot
Proposed Alternate Option
5.1.2026

INTERIM REVIEW ONLY
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APPRAISAL DISTRICT
MARY ERSKINE BUILDING RENOVATION
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SEGUIN, TEXAS 78155

REVISIONS

PROJECT NO.
2025-09

PHASE
DESIGN DEVELOPMENT

DATE
APRIL 2026

DESCRIPTION
SITE LAYOUT OPTION

A2.00

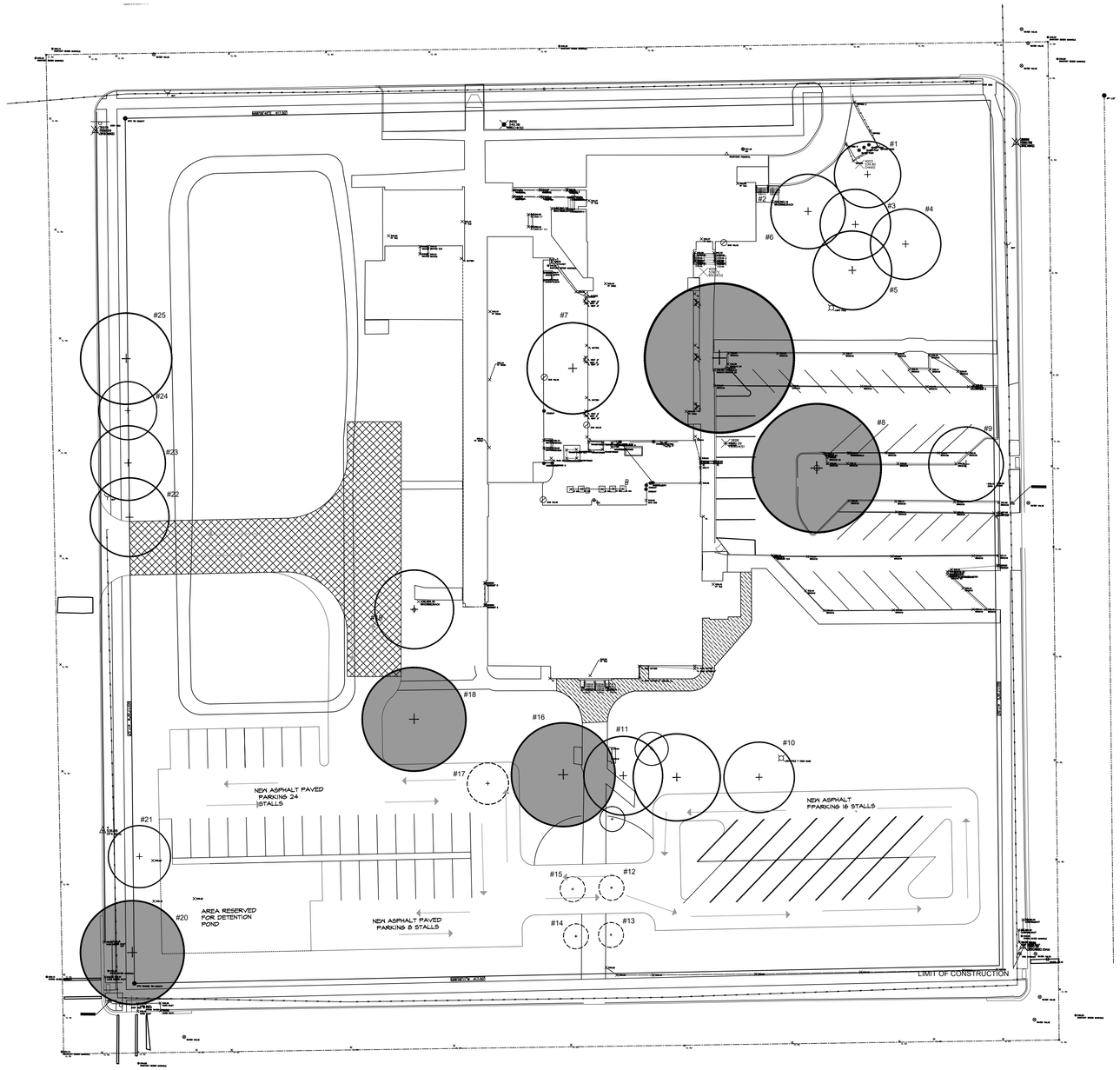
LEGEND

EXISTING TREES
TO BE REMOVED

EXISTING TREES
TO REMAIN

TREE PRESERVATION NOTE(S) (# Keyed Notes)

1. Tree survey information is based on Site Survey prepared by XXX Engineering, L.L.C., San Antonio, Tx.
2. Barricade fencing shall be placed to protect RPZ of all trees to remain that are adjacent to construction or disturbed areas unless otherwise approved by Landscape Architect to provide access to work. In these instances the minimum distance for barricade fencing from trunk shall be equal to 50% minimum of RPZ. Five foot (5'-0") from trunk of tree or clump of trees is alloned on one side of the tree with approved alternative construction methods only. Full RPZ is required on other side. Approval from City Aborist/Tree Inspector is required. Refer to detail 3/L4.0 for tree barricade fencing.
3. Root Protection Zone (RPZ): RPZ requirements are defined as 12" diameter per 1" caliper of trunk at 42" height (Diameter Breast Height, DBH). Minimum RPZ requirements are 6" to each 1" caliper at DBH or 5' to trunk whichever is greater.
4. Protected & heritage trees shall be removed only under the following situations:
   A. Approval from City Arborist (207-0278) is required for removal of any significant/heritage tree.
   B. Cut/fill greater than three (3") inches to take place beneath the dripline of a tree exceeds 50% of the Root Protection Zone (RPZ).
   C. Construction of a building or other improvements require the removal of more than 30% of the viable portion of a tree crown.
   D. Poor condition of tree.
5. No equipment, vehicles or materials shall be operated or stored within the root protection zone. No clean-out areas will be constructed so that the material will be in or migrate to the root protection zone.
6. Roots or branches in conflict with construction shall be cut cleanly according to proper pruning methods. All Oak wounds shall be painted within 30 minutes to prevent Oak Wilt infection.
7. Exposed roots shall be covered at the end of the work day using techniques such as covering with soil, mulch or wet burlap.
8. All woody material to be removed may be chipped into mulch & distributed on site within RPZ's at trees adjacent to construction & natural areas.
9. Trees which are damaged or lost due to contractor's negligence during construction shall be mitigated.
10. In addition, existing protected trees on a project are to be maintained in a healthy condition at all times. This includes irrigating, fertilizing, pruning and other maintenance as needed on the project. Trees that die within twelve (12) months shall be replaced at a ratio of inch per inch for significant trees and at 3:1 for heritage trees per the Unified Development Code.
11. Per UDC Section 35-523(k)(4) Branch/Root Pruning and Wounded Trees: All broken branches and exposed roots two (2) inches in diameter or greater of significant, heritage or mitigation trees shall be cut cleanly and in accordance with ANSI-A300 standards.
12. Contractor is responsible for providing a licensed tree maintenance professional throughout the project per City Ordinance.



1 TREE PRESERVATION PLAN
SCALE: 1" = 30'-0"

PRELIMINARY
DESIGN DEVELOPMENT

NOT FOR REGULATORY APPROVAL, PERMITTING, OR CONSTRUCTION
LETICIA A. ZAVALA
LANDSCAPE ARCHITECT LICENSE NO. 1457
IRRIGATOR'S LICENSE NO. 8650
3-17-26

AVA Design Group
Landscape Architecture & Planning
P.O. Box 5461
San Antonio, Texas 78201
210-912-3526

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REVISIONS

PROJECT NO.

PHASE
DESIGN DEVELOPMENT

DATE
MARCH 2026

DESCRIPTION
TREE PRESERVATION PLAN

L3.0

LEGEND

EXISTING TREES TO REMAIN

RED OAK (RO)

CEDAR ELM (CE)

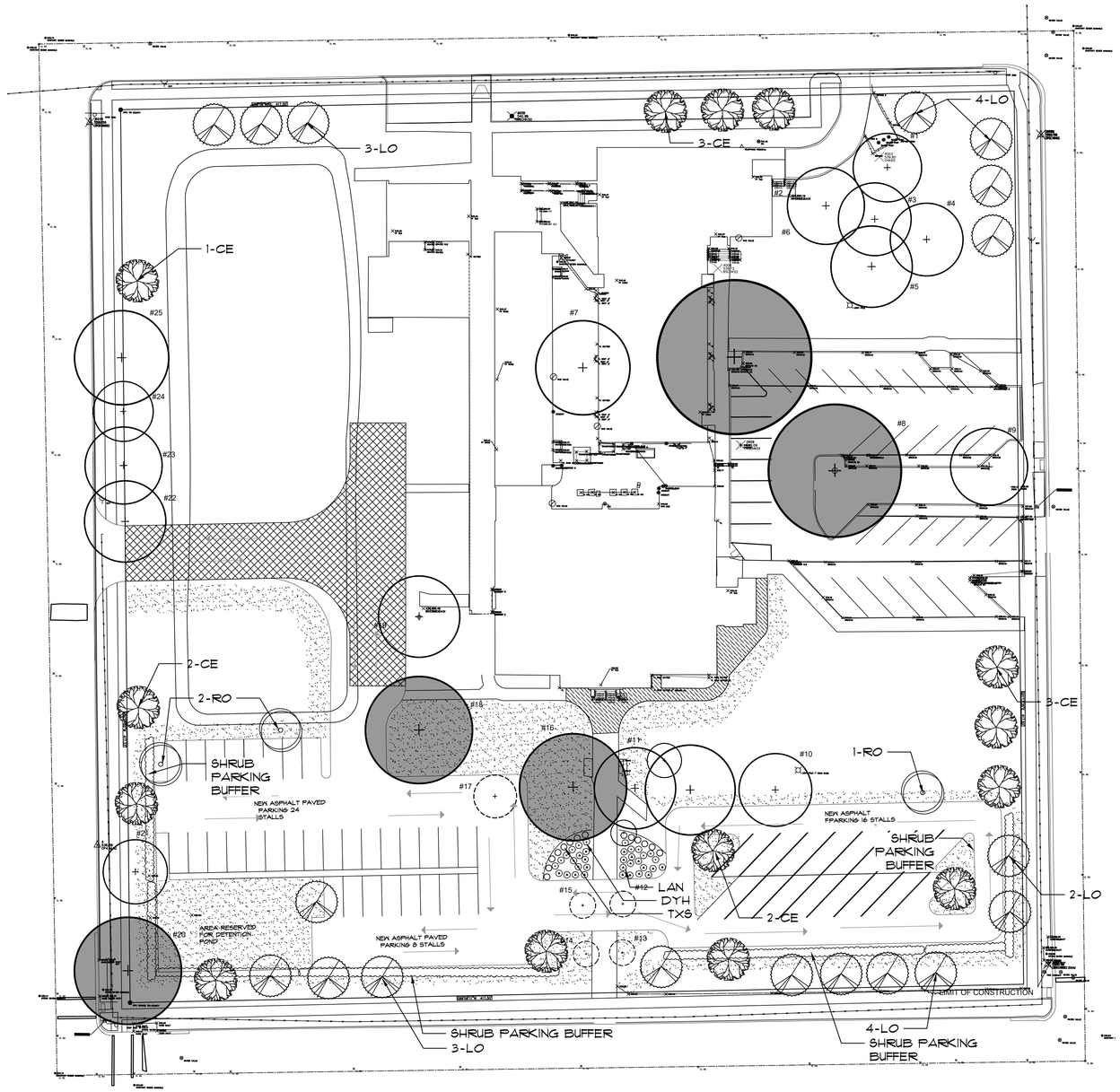
LIVE OAK (LO)

LAN	NEW GOLD LANTANA
DYH	DWARF YAUPON HOLLY
TXS	TEXAS SAGE

TIF 419 BERMUDA GRASS SOLID SOD

COMMON BERMUDA GRASS HYDROMULCH SEED

LANDSCAPE ORDINANCE:
CONSTRUCTION AREA: 56,450 SF
10% = 5,645/400 SF =
14 TREES / 28 SHRUBS
PARKING AREA (5% REQUIRED)
20,569 SF
1,029 SF REQUIRED
FRONTAGE TREES
1 TREE / 50' FRONTAGE



1 LANDSCAPE PLAN
SCALE: 1"=30'-0"

PRELIMINARY
DESIGN DEVELOPMENT

NOT FOR REGULATORY APPROVAL, PERMITTING, OR CONSTRUCTION
LETICIA A. ZAVALA
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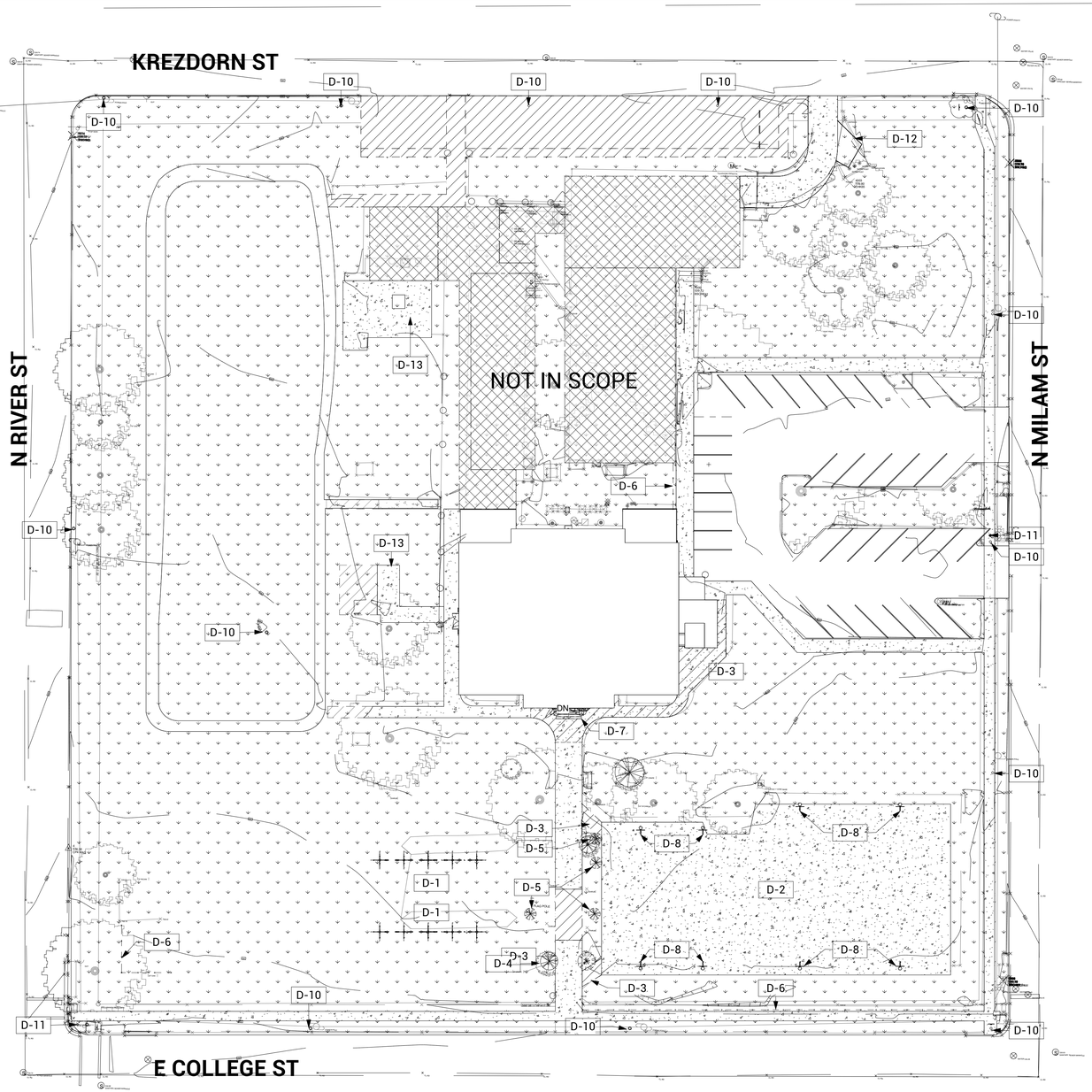
PROJECT NO.

PHASE
DESIGN DEVELOPMENT

DATE
MARCH 2026

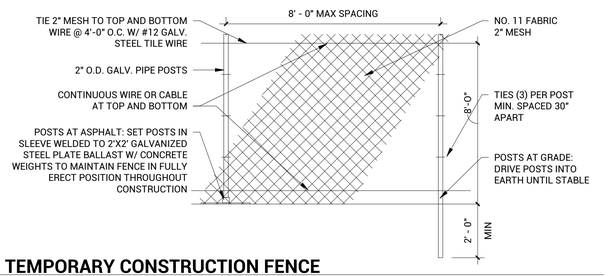
DESCRIPTION
LANDSCAPE PLAN

L3.1



1 DEMOLITION SITE PLAN

SCALE: 1" = 30'-0"



2 TEMPORARY CONSTRUCTION FENCE

SCALE: 3/8" = 1'-0"

SITE DEMOLITION LEGEND

D-1	EXISTING PLAYGROUND EQUIPMENT TO BE REMOVED
D-2	EXISTING ASPHALT TO BE SALVAGED FOR PARKING LOT, SEE CIVIL
D-3	EXISTING SIDEWALK TO BE REMOVED
D-4	EXISTING TREE TO REMAIN, SEE LANDSCAPE
D-5	EXISTING TREE TO BE REMOVED, SEE LANDSCAPE
D-6	EXISTING CHAIN LINK FENCE TO BE REMOVED, SEE CIVIL
D-7	EXISTING STAIRS AT ENTRY TO REMAIN, POUR NEW STAIRS ON TOP OF EXISTING AND DOWEL TOGETHER
D-8	EXISTING BASKETBALL EQUIPMENT TO BE REMOVED
D-10	EXISTING POWER POLE TO REMAIN
D-11	EXISTING FIRE HYDRANT
D-12	EXISTING WOODEN FENCE
D-13	EXISTING CONCRETE PAD TO REMAIN, SEE CIVIL

SITE DEMOLITION LEGEND

EXISTING TREE TO REMAIN

EXISTING TREE TO BE REMOVED

EXISTING FENCE TO REMAIN

DEMOLITION AREA

NOT IN SCOPE

GENERAL

1. THE CONTRACTOR SHALL VISIT THE JOB SITE AND FAMILIARIZE THEMSELVES WITH ALL EXISTING CONDITIONS PRIOR TO SUBMITTING A BID.
2. DIMENSIONS SHOWN ARE APPROXIMATE VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION OR FABRICATION.
3. THE CONTRACTOR SHALL PAY FOR AND OBTAIN ALL PERMITS AND INSPECTION AS REQUIRED PER LOCAL ADMINISTRATION AUTHORITIES.
4. REMOVE ALL DEBRIS AND REMOVE MATERIALS FROM THE PREMISES ON A DAILY BASIS.
5. COORDINATE THE SHUTDOWN OF ANY UTILITIES WITH THE OWNER AND ARCHITECT.....
6. ALL MATERIALS ARE NEW UNLESS SPECIFICALLY NOTED AS EXISTING.
7. FOLLOW ALL OSHA AND NESHAP RULES AND REGULATIONS CONCERNING REMOVAL OF ROOFING MATERIALS, MASTIC, FLASHING, AND INSULATION INCLUSIVE OF ALL EXISTING BUILDING MATERIALS.
8. CONTRACTOR SHALL PROVIDE DETAILED DEMOLITION PHASING PLAN AND SCHEDULE.

SITE DEMOLITION AND STAGING NOTES

1. THE CONTRACTOR SHALL KEEP VEHICULAR AND PEDESTRIAN ACCESS WAYS CLEAN AT ALL TIMES.
2. THE AREA OF CONSTRUCTION SHALL BE FENCED OR BARRICADED WHILE CONSTRUCTION IS TAKING PLACE. FENCES AND BARRICADED SHALL BE MAINTAINED STRAIGHT AND ERECT DURING THE CONSTRUCTION.
3. THE CONTRACTOR STAGING AREA SHALL BE FENCED DURING THE ENTIRE CONTRACT PERIOD. THE CONTRACTORS FIELD OFFICE, TOILET FACILITIES, MATERIAL AND EQUIPMENT AND WORKER PARKING SHALL BE WITHIN THE STAGING AREA. THE STAGING AREA SALL HAVE VEHICULAR ACCESS GATES AS REQUIRED BY THE CONTRACTOR AND COORDINATED WITH THE OWNER
4. THE CONTRACTOR SHALL REPAIR RESTORE OR REPLACE ANY EXISTING INSTALLATIONS DAMAGED BY WORK OF THIS CONTRACT, INCLUDING ASPHALT ROADS, SODDED AREAS, AND OTHER LANDSCAPES.
5. REMOVE ALL BARRICADES AND OTHER TEMPORARY CONSTRUCTION AT THE COMPLETION OF THE WORK.
6. THE LOCATIONS OF UTILITY LINES. SHOWN ON THE SITE PLAN ARE APPROXIMATE VERIFY THE LOCATION OF ANY UTILITY LINES PRIOR TO COMMENCING DIGGING ON THE SITE.
7. SEE MECHANICAL ELECTRICAL AND PLUMBING AND DRAWINGS FOR THE SITE DEMOLATION WORK ASSOCIATED WITH MECHANICAL, ELECTRICAL, OR PLUMBING INSTALLATIONS. SEE CIVIL DRAWINGS FOR SITE DEMOLITION ASSOCIATED WITH STE INSALLATION AND UTILITIES.
8. SEE SPECIFICATIONS SECTIONS FOR OTHER REQUIREMENTS.
9. CONTRACTOR TO FIELD VERIFY ALL EXISTING CONDITIONS.
10. AT BUILDING TO BE REMOVED CUT ASSOCIATED CONCRETE FIERS TO 3'-0" BELOW GRADE AND ABANDON IN PLACE. BACKFILL ALL TRENCHES AND HOLES REMAINING AFTER REMOVAL OF FOUNDATION BEAMS AND TOP OF PIERS. LEVEL BACKFILL WITH SURROUNDING UNDISTURBED GRADE AND SLOPE TO DRAIN.
11. SEE SPECIFICATIONS DIVISION 1 FOR OTHER SITE AND PROJECT REQUIREMENTS.
12. THE CONTRACTOR TO MAINTAIN EXISTING LANDSCAPE AND NEW FENCING. SEE SPECIFICATIONS SECTION FOR CLARIFICATION.

INTERIM REVIEW
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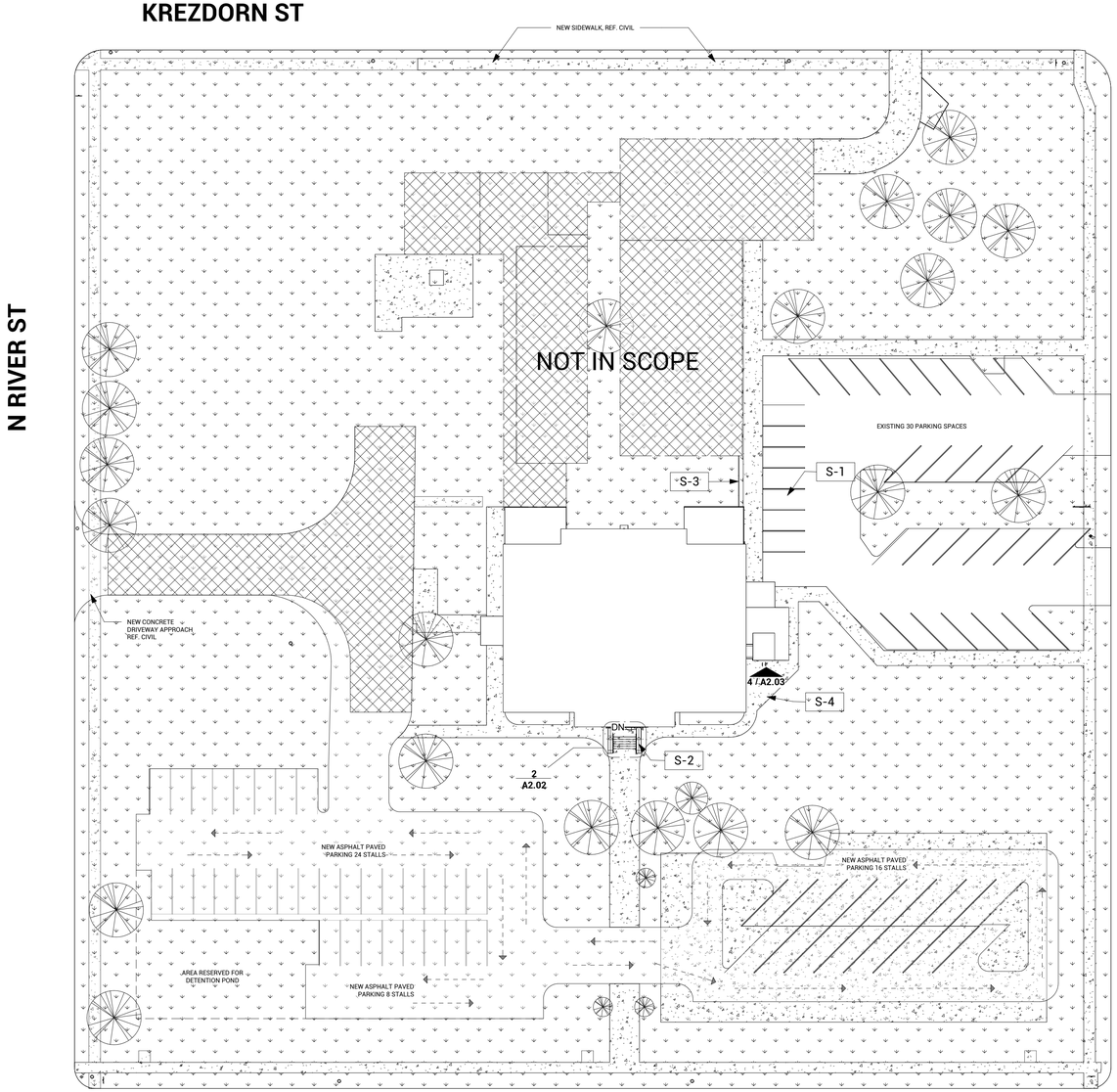
PROJECT NO.
2025-09

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DATE
MARCH 2026

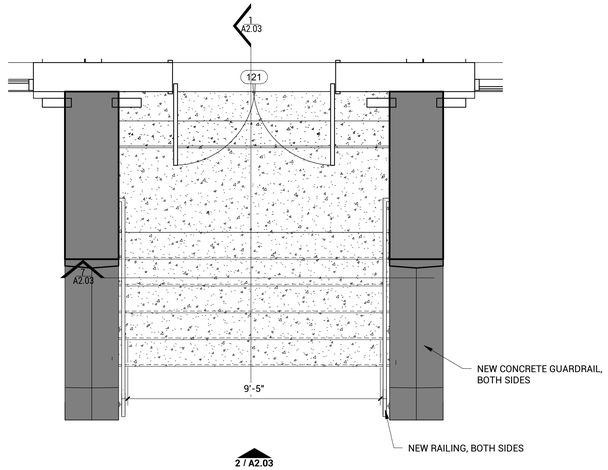
DESCRIPTION
DEMOLITION SITE PLAN

A2.01



SITE KEYNOTES

S-1	REPLACE CURB RAMP AND LANDING FOR REQUIRED MAXIMUM SLOPE
S-2	EXTEND LANDING AND REWORK ENTRY STAIRS FOR REQUIRED DOOR STOOP
S-3	NEW MECHANICAL EQUIPMENT YARD AND SECURITY FENCING
S-4	REPLACE CRACKED AND SPALLED CONCRETE WALKS



GENERAL NOTES-SITE NOTES

G1. PRIOR TO THE COMMENCEMENT OF WORK THE CONTRACTOR SHALL WALK THROUGH THE STAGING AREA(S) AND THE ENTIRE SITE WITH OWNER. CONTRACTOR SHALL OUTLINE SEQUENCE OF WORK AND SPECIAL ACCESS REQUIRED OUTSIDE OF THE INDICATED WORK AREA SHOWN ON SITE PLAN, TO INSURE THAT ONGOING AND TIMELY OPERATIONS WILL NOT BE HINDERED IN ANY WAY.

G2. CONTRACTOR SHALL LIMIT SITE WORK AND STAGING AREAS TO ONLY THAT WHICH IS NECESSARY FOR INSTALLING OF NEW WORK. CONTRACTOR SHALL PROTECT EXISTING TREES FROM DAMAGE AND SOILS EROSION. ANY DAMAGE TO EXISTING SITE DUE TO CONSTRUCTION ACTIVITIES OR SITE ACCESS SHALL BE RESTORED TO IT'S ORIGINAL CONDITION. REFER TO TREE PROTECTION PLAN.

G3. EXISTING CURB CUTS AND CONCRETE DRIVEWAYS SHALL BE PROTECTED FROM DAMAGE AND DESTRUCTION.

G4. ALL SITE DEBRIS AND CLEARED MATERIALS SHALL BE REMOVED AND DISCARDED FROM THE SITE PER PROJECT MANUAL SPECIFICATIONS. ABSOLUTELY NO DEBRIS OR CLEARED SITE REFUSE SHALL BE BURIED.

G5. REFER TO LANDSCAPE PLAN FOR TREE PRESERVATION REQUIREMENTS.

G6. UNDER NO CIRCUMSTANCES EITHER BY CONTRACTOR OR UTILITY CONTRACTOR, SHALL ANY TREES OF ANY SIZE WHICH ARE NOTED " TO REMAIN" ON THE LANDSCAPE PLANS BE DEMOLISHED OR PARTIALLY REMOVED WITHOUT FIRST OBTAINING PERMISSION BY THE OWNER AND ALSO WITHOUT NOTIFICATION AND RESPONSE TO PROCEED FROM THE LANDSCAPE ARCHITECT.

G7. CONTRACTOR SHALL BE RESPONSIBLE FOR REROUTING ANY EXISTING SERVICES THAT BAY BE AFFECTED BY CONSTRUCTION IN SUCH A MANNER THAT WOULD ENABLE CONTINUATION OF LIFE SAFETY SERVICES WITHOUT HINDRANCE.

G8. ANY TEMPRORARY INTERRUPTION OF UTILITY SERVICES SHALL BE DECLARED TO THE OWNER WITH ADVANCE NOTIFICATION. CONTRACTOR SHALL ABIDE TO THE PROJECT MANUAL SPECIFICATIONS.

G9. AT THE END OF EACH WORKING DAY, THE CONTRACTOR SHALL BE RESPONSIBLE FOR WALKING THE SITE AND SECURING ANY ACCESS GATES OR FENCE OPENINGS THAT MAY ALLOW UNAUTHORIZED ACCESS TO THE CONSTRUCTION SITE.

G10. SEE LANDSCAPE, MECHANICAL, ELECTRICAL , AND PLUMBING DRAWINGS FOR SITEWORK ASSOCIATED WITH LANDSCAPE, MECHANICAL, ELECTRICAL OR PLUMBING INSTALLATION.

G11. SEE SPECIFICATIONS DIVISION #1 SECTIONS " GENERAL REQUIRMENTS" FOR OTHER REQUIREMENTS

G12. SEE CIVIL FOR GRADING AND DIMENSIONAL CONTROL

G13. SEE CIVIL, LANDSCAPE , SECURITY AND MEP SITE PLANS FOR ADDITIONAL INFORMATION.

G14. SEE CIVIL FOR FIRE LANE, PAINT STRIPPING, SIGNAGE, PARKING STALL PAINT STRIPPING, AND WHEEL STOPS.

G15. DS: DOWNSPOUTS TYPICAL REF: ARCHITECTURAL DRAWINGS FOR DETAILS

G16. G.C TO CONFIRM LOCATION OF BIKE RACKS AND MAILBOX WITH ARCHITECTURE

1 NEW SITE PLAN
SCALE: 1" = 30'-0"

2 ENLARGED STAIR PLAN
SCALE: 3/8" = 1'-0"

INTERIM REVIEW
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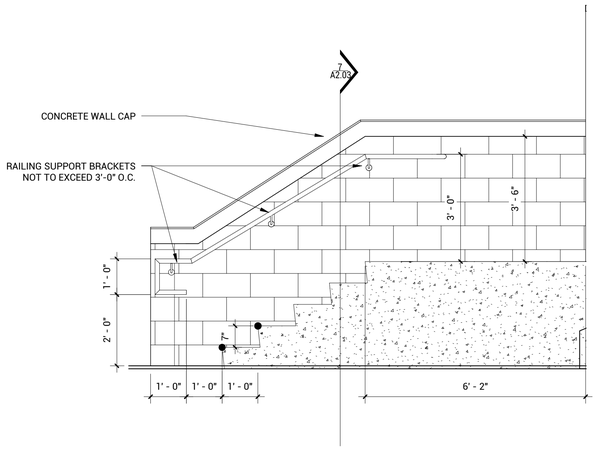
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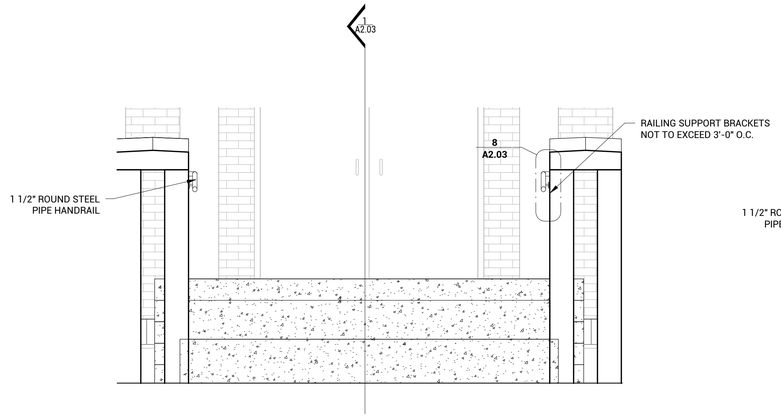
DATE
MARCH 2026

DESCRIPTION
NEW SITE PLAN

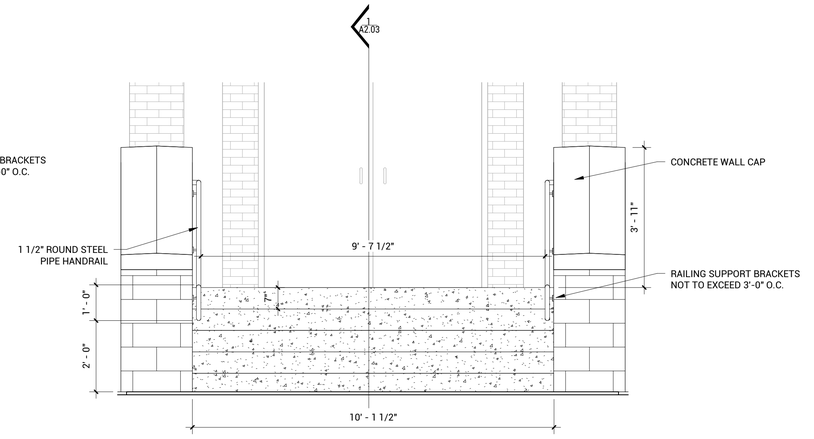
A2.02



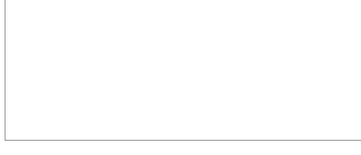
1 SITE STAIR SECTION
SCALE: 1/2" = 1'-0"



7 SITE STAIR SECTION
SCALE: 1/2" = 1'-0"

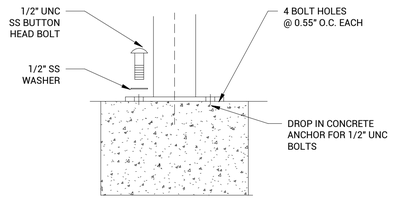


2 SITE STAIR ELEVATION
SCALE: 1/2" = 1'-0"



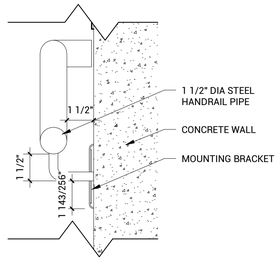
3 BIKE RACK SECTION
SCALE: 1" = 1'-0"

4 BIKE RACK ELEVATION
SCALE: 1" = 1'-0"



5 BIKE RACK ENLARGED DETAIL
SCALE: 1 1/2" = 1'-0"

6 MECH YARD LOUVERED FENCE ELEVATION
SCALE: 1/2" = 1'-0"



8 IN-WALL HANDRAIL DETAIL
SCALE: 3" = 1'-0"

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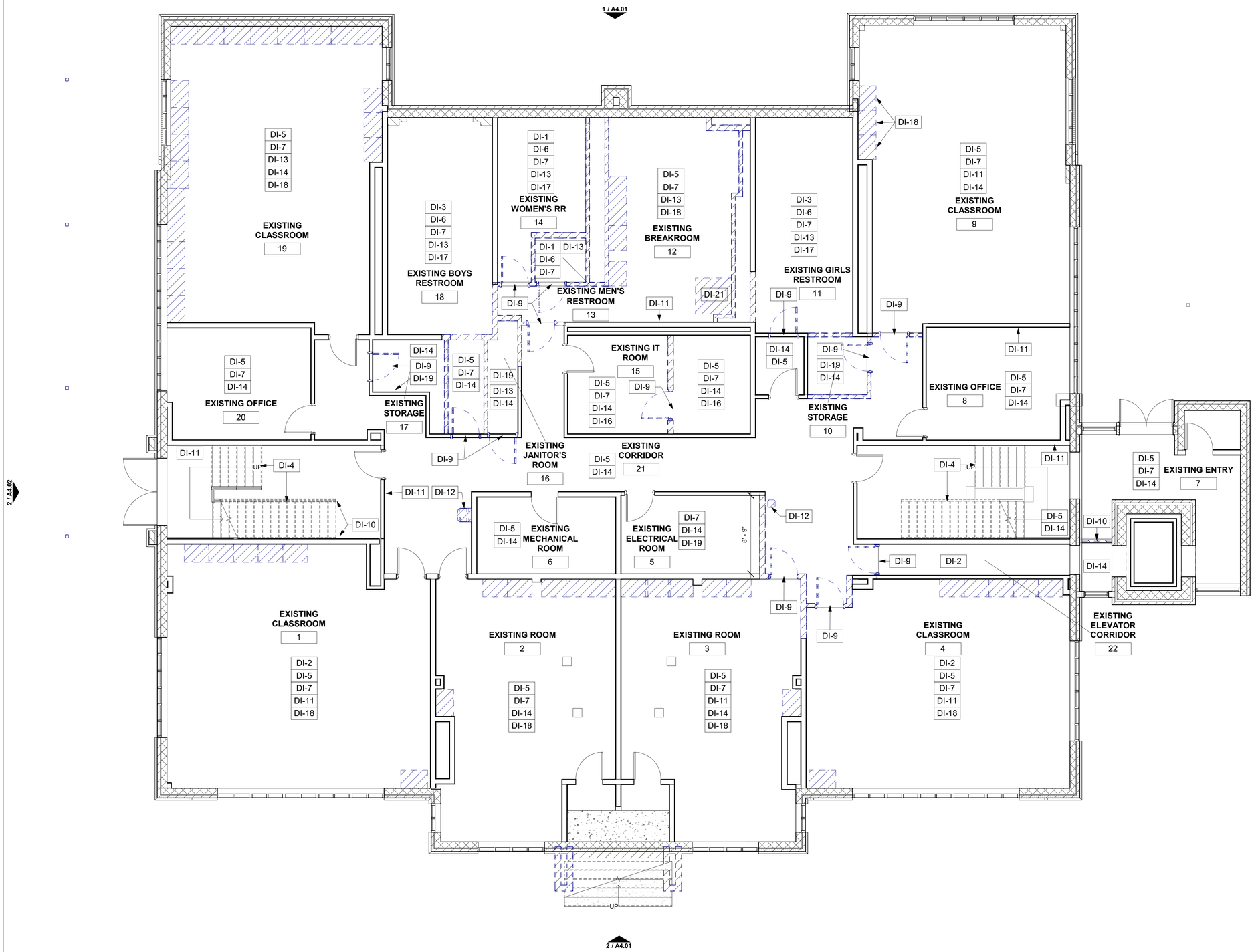
PROJECT NO.
2025-09

PHASE
DD

DATE
MARCH 2026

DESCRIPTION
SITE DETAILS

A2.03



1 LEVEL 1 DEMOLITION PLAN

SCALE: 3/16" = 1'-0"

INTERIOR DEMOLITION LEGEND

DI-1	REMOVE EXISTING FLOOR TILE AND MASTIC
DI-2	EXISTING WOOD FLOORING TO REMAIN-PREPARE FOR REFINISHING
DI-3	REMOVE EXISTING TERAZZO FLOORING, PREPARE FOR NEW CERAMIC TILE
DI-4	REMOVE EXISTING RUBBER STAIR TREADS AND RISERS
DI-5	REMOVE EXISTING RUBBER FLOOR BASE. PATCH AND REPAIR DRYWALL
DI-6	REMOVE EXISTING WALL TILE, PATCH AND REPAIR BACKER BOARD
DI-7	REMOVE EXISTING SUSPENDED ACOUSTICAL CEILING SYSTEM
DI-9	REMOVE EXISTING WOOD DOOR, METAL FRAME AND DOOR HARDWARE
DI-10	REMOVE EXISTING HANDRAILS
DI-11	REMOVE EXISTING TACKBOARD OR MARKERBOARD
DI-12	REMOVE WATER FOUNTAIN
DI-13	REMOVE ALL PLUMBING FIXTURES, SEE PLUMBING DRAWINGS
DI-14	REMOVE VCT FLOORING, PREPARE FOR NEW LVT
DI-16	FIRE RISER TO REMAIN. ALL EXISTING SPRINKLER SYSTEM PIPING AND DEVICES TO REMAIN EXCEPT WHERE RELOCATION IS NECESSARY FOR NEW WALLS.
DI-17	REMOVE EXISTING TOILET PARTITIONS
DI-18	REMOVE EXISTING CABINETS
DI-19	REMOVE EXISTING SHELVING. PATCH AND REPAIR DRYWALL
DI-21	REMOVE EXISTING FLOOR HATCH

LEGEND

- DEMOLISHED WALL
- EXISTING WALL

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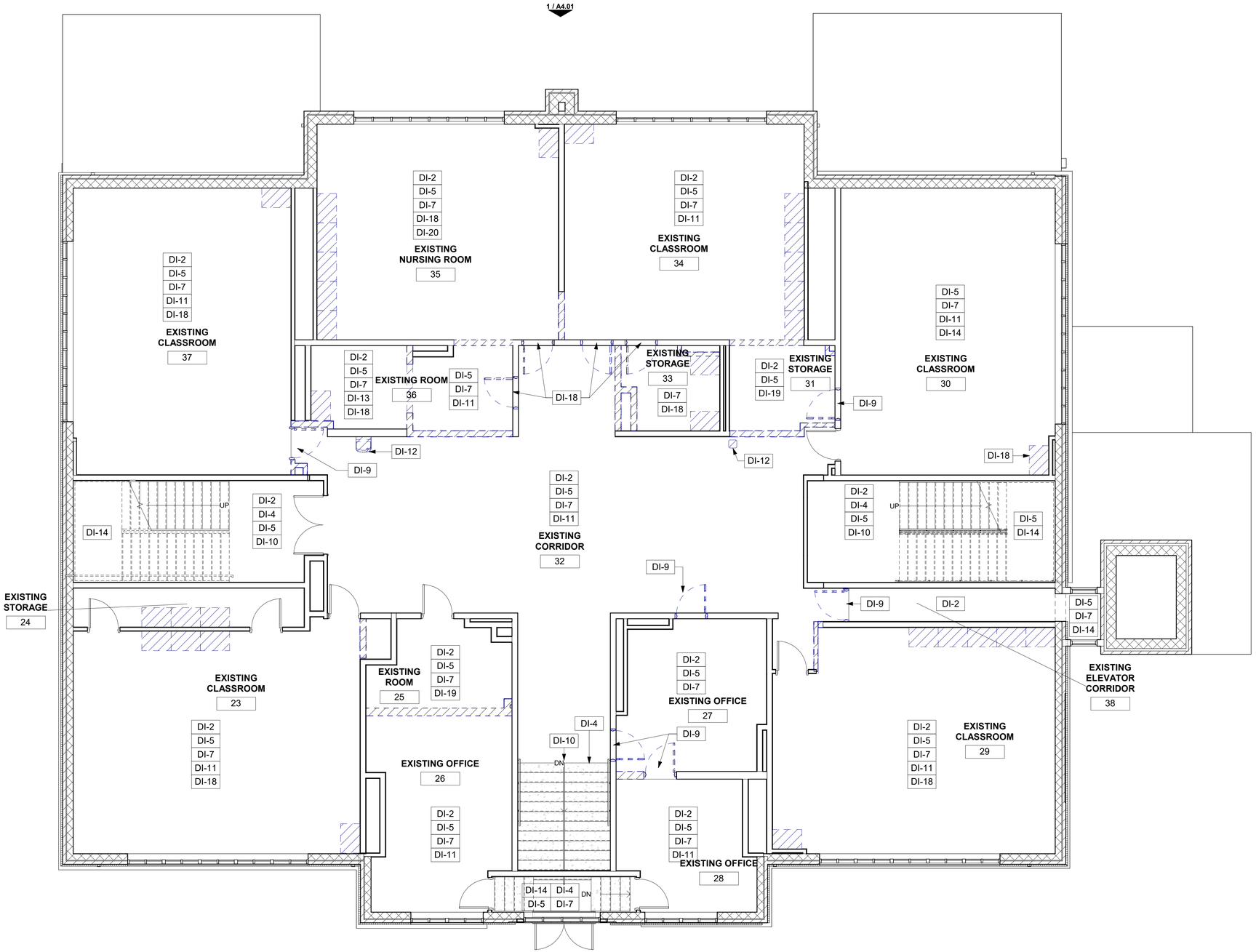
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PROJECT NO. 2025-09
PHASE DD
DATE MARCH 2026
DESCRIPTION LEVEL 1 DEMOLITION PLAN

A2.04



1 LEVEL 2 DEMOLITION PLAN

SCALE: 3/16" = 1'-0"

INTERIOR DEMOLITION LEGEND

DI-2	EXISTING WOOD FLOORING TO REMAIN-PREPARE FOR REFINISHING
DI-4	REMOVE EXISTING RUBBER STAIR TREADS AND RISERS
DI-5	REMOVE EXISTING RUBBER FLOOR BASE. PATCH AND REPAIR DRYWALL
DI-7	REMOVE EXISTING SUSPENDED ACOUSTICAL CEILING SYSTEM
DI-9	REMOVE EXISTING WOOD DOOR, METAL FRAME AND DOOR HARDWARE
DI-10	REMOVE EXISTING HANDRAILS
DI-11	REMOVE EXISTING TACKBOARD OR MARKERBOARD
DI-12	REMOVE WATER FOUNTAIN
DI-13	REMOVE ALL PLUMBING FIXTURES, SEE PLUMBING DRAWINGS
DI-14	REMOVE VCT FLOORING, PREPARE FOR NEW LVT
DI-18	REMOVE EXISTING CABINETS
DI-19	REMOVE EXISTING SHELVING. PATCH AND REPAIR DRYWALL
DI-20	REMOVE EXISTING CURTAIN TRACK

LEGEND

- DEMOLISHED WALL
- EXISTING WALL

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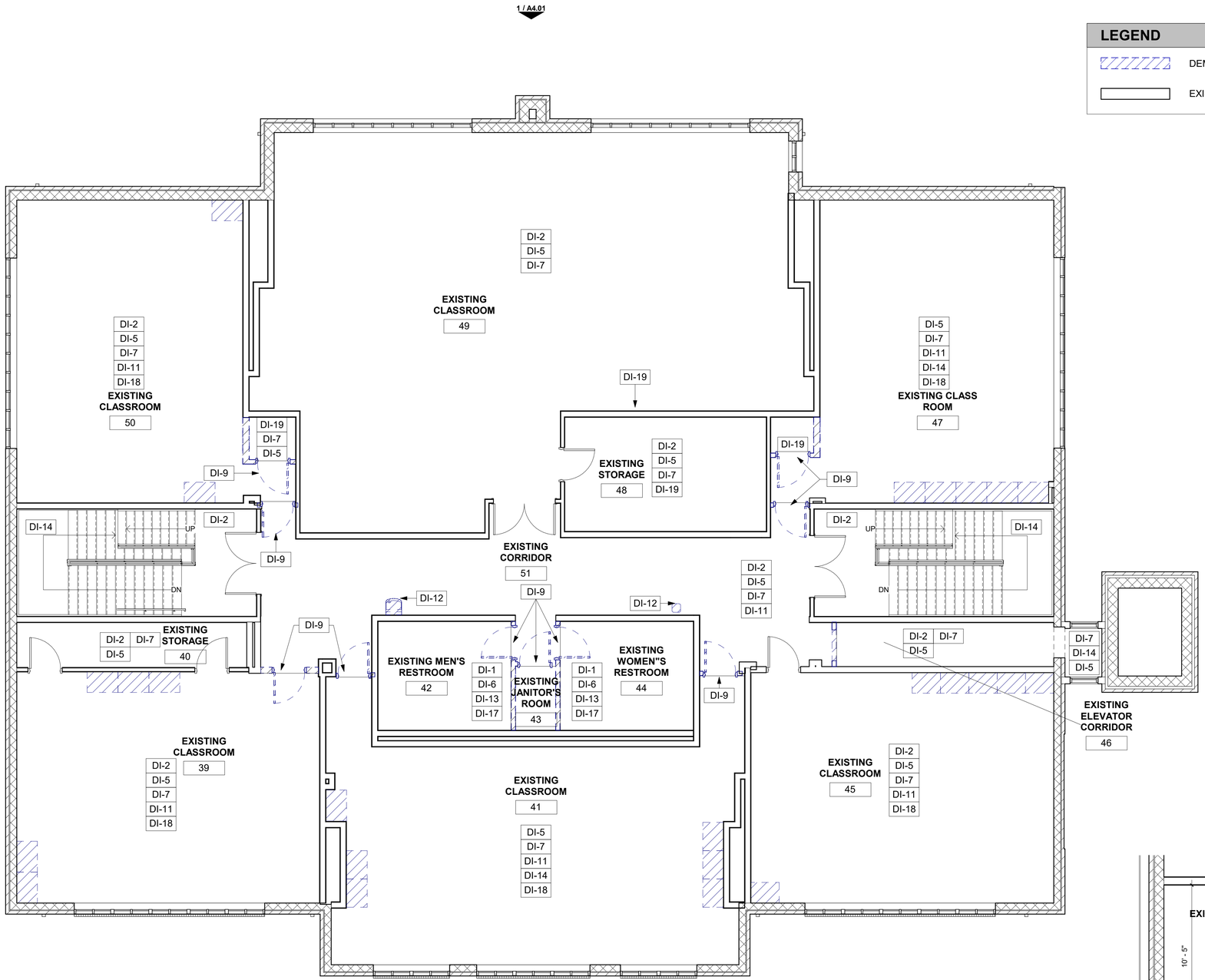
PROJECT NO. 2025-09

PHASE DD

DATE MARCH 2026

DESCRIPTION LEVEL 2 DEMOLITION PLAN

A2.05

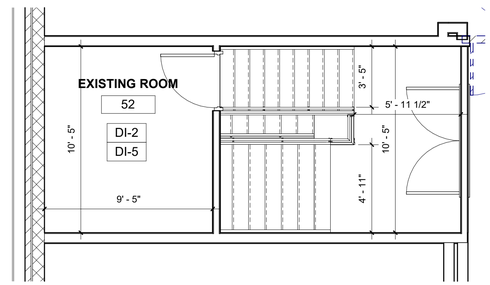


LEGEND

- DEMOLISHED WALL
- EXISTING WALL

INTERIOR DEMOLITION LEGEND

DI-1	REMOVE EXISTING FLOOR TILE AND MASTIC
DI-2	EXISTING WOOD FLOORING TO REMAIN-PREPARE FOR REFINISHING
DI-5	REMOVE EXISTING RUBBER FLOOR BASE. PATCH AND REPAIR DRYWALL
DI-6	REMOVE EXISTING WALL TILE, PATCH AND REPAIR BACKER BOARD
DI-7	REMOVE EXISTING SUSPENDED ACOUSTICAL CEILING SYSTEM
DI-9	REMOVE EXISTING WOOD DOOR, METAL FRAME AND DOOR HARDWARE
DI-11	REMOVE EXISTING TACKBOARD OR MARKERBOARD
DI-12	REMOVE WATER FOUNTAIN
DI-13	REMOVE ALL PLUMBING FIXTURES, SEE PLUMBING DRAWINGS
DI-14	REMOVE VCT FLOORING, PREPARE FOR NEW LVT
DI-17	REMOVE EXISTING TOILET PARTITIONS
DI-18	REMOVE EXISTING CABINETS
DI-19	REMOVE EXISTING SHELVING. PATCH AND REPAIR DRYWALL



1 **LEVEL 3 DEMOLITION PLAN**
SCALE: 3/16" = 1'-0"

2 **LEVEL 3.5 DEMO FLOOR PLAN**
SCALE: 1/4" = 1'-0"

INTERIM REVIEW
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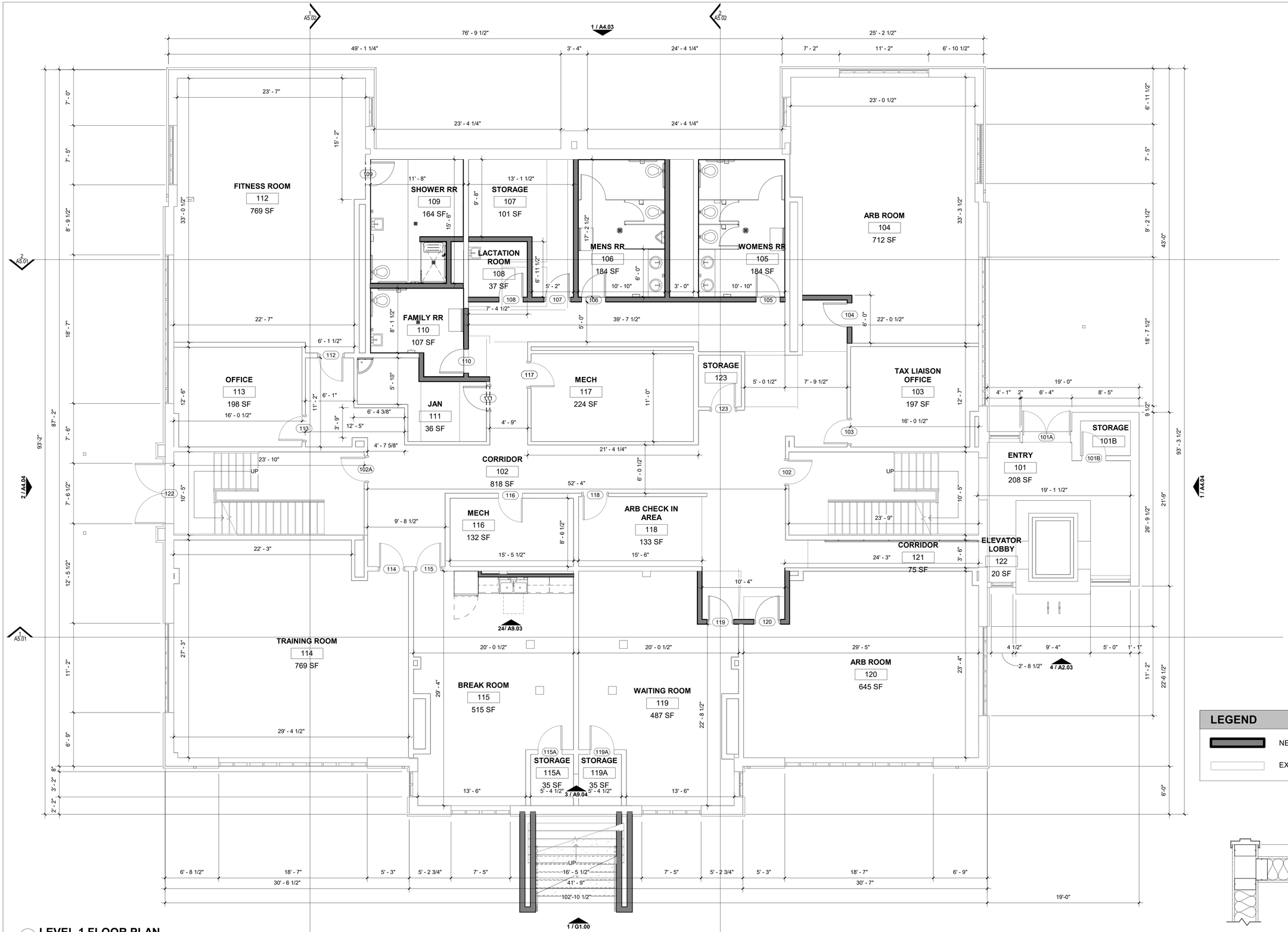
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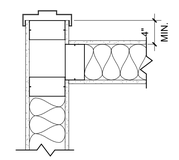
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PROJECT NO. 2025-09
PHASE DD
DATE MARCH 2026
DESCRIPTION LEVEL 3 DEMOLITION PLAN

A2.06



1 LEVEL 1 FLOOR PLAN
SCALE: 3/16" = 1'-0"



2 TYPICAL DOOR JAMB DETAIL
SCALE: 1" = 1'-0"

LEGEND

- NEW WALL
- EXISTING WALL

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REVISIONS

PROJECT NO.
2025-09

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DATE
MARCH 2026

DESCRIPTION
LEVEL 1 FLOOR PLAN

A3.01



LEGEND

- NEW WALL
- EXISTING WALL

1 LEVEL 2 FLOOR PLAN

SCALE: 3/16" = 1'-0"

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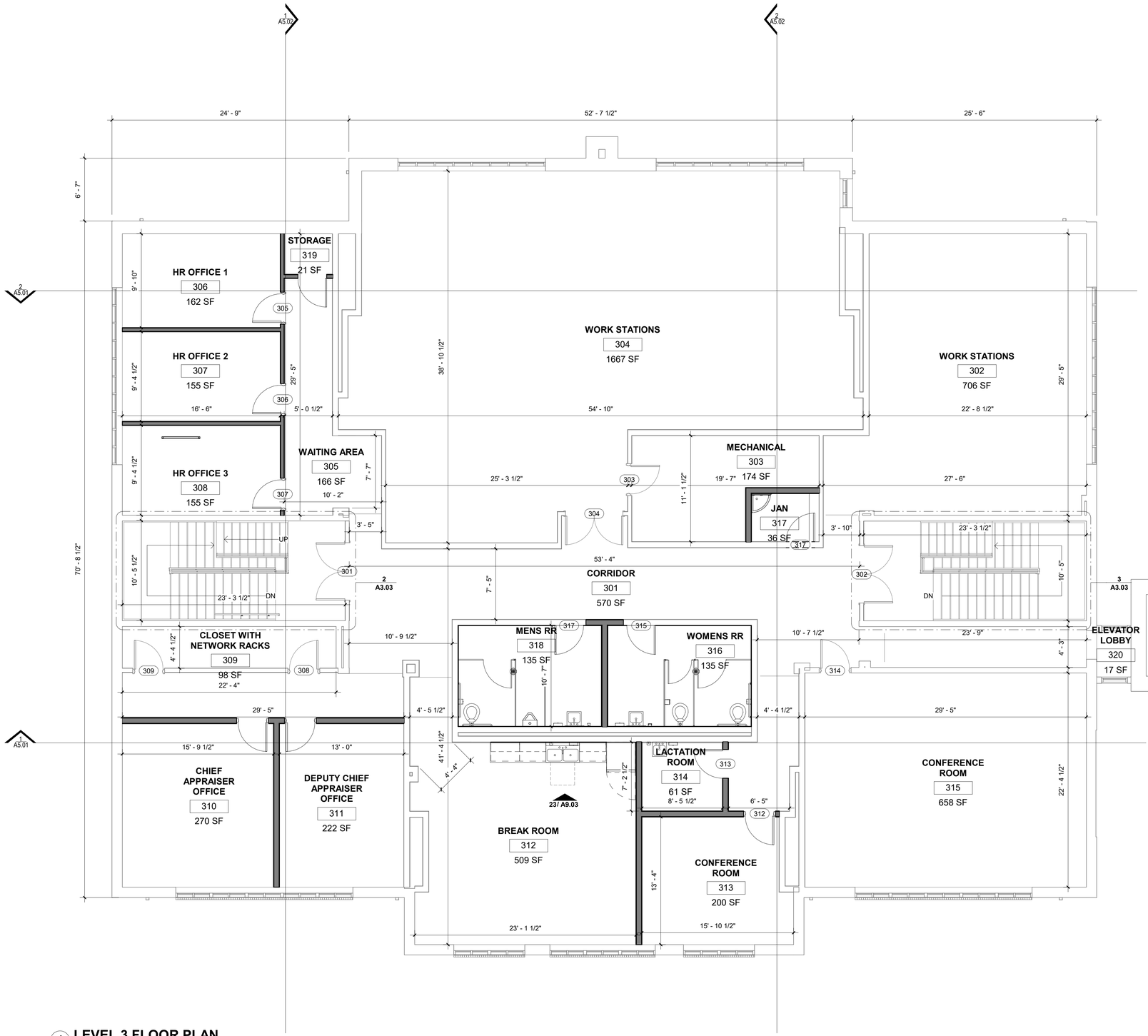
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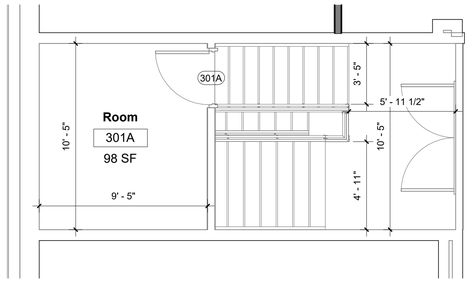
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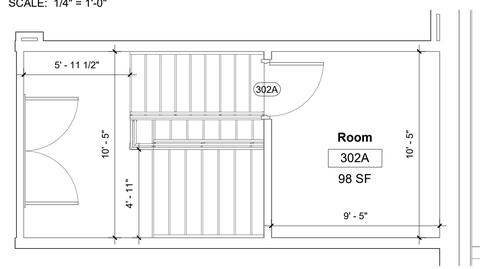
A3.02



1 LEVEL 3 FLOOR PLAN
SCALE: 3/16" = 1'-0"



2 LEVEL 3.5 FLOOR PLAN
SCALE: 1/4" = 1'-0"



3 LEVEL 3.5 FLOOR PLAN
SCALE: 1/4" = 1'-0"

LEGEND

- NEW WALL
- EXISTING WALL

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PROJECT NO. 2025-09

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DATE MARCH 2026

DESCRIPTION LEVEL 3 FLOOR PLAN

A3.03

NOT IN SCOPE



1 **LEVEL 1 KEY PLAN**
SCALE: 3/16" = 1'-0"

KEY PLAN LEGEND

X	PARTITION TYPE. SEE SHEET A3.07
	SMOKE BARRIER WALL
	NON-SMOKE BARRIER WALL
C	CORNER GUARD
X	WINDOW NUMBER. SEE SHEET A3.09
X	DOOR NUMBER. SEE SHEET A3.08
FE	FIRE EXTINGUISHER, REF. SHEET A9.XX
	CONTROL JOINTS

ALL INTERIOR WALL CORNERS TO HAVE 4'-0" HIGH ALUMINUM CORNER GUARD MOUNTED FROM TOP OF FLOOR BASE.

REF. A3.07 FOR PARTITION TYPES

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DESCRIPTION
LEVEL 1 KEY PLAN

A3.04

NOT IN SCOPE



KEY PLAN LEGEND

X	PARTITION TYPE. SEE SHEET A3.07
	SMOKE BARRIER WALL
	NON-SMOKE BARRIER WALL
C	CORNER GUARD
X	WINDOW NUMBER. SEE SHEET A3.09
X	DOOR NUMBER. SEE SHEET A3.08
FE	FIRE EXTINGUISHER, REF. SHEET A9.XX
	CONTROL JOINTS

ALL INTERIOR WALL CORNERS TO HAVE 4'-0" HIGH ALUMINUM CORNER GUARD MOUNTED FROM TOP OF FLOOR BASE.

REF. A3.07 FOR PARTITION TYPES

1 LEVEL 2 KEY PLAN
SCALE: 3/16" = 1'-0"

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DESCRIPTION LEVEL 2 KEY PLAN

A3.05

KEY PLAN LEGEND

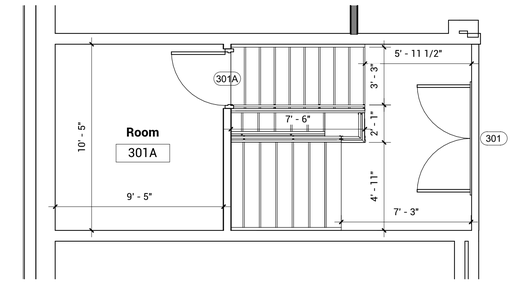
X	PARTITION TYPE. SEE SHEET A3.07
	SMOKE BARRIER WALL
	NON-SMOKE BARRIER WALL
C	CORNER GUARD
X	WINDOW NUMBER. SEE SHEET A3.09
X	DOOR NUMBER. SEE SHEET A3.08
FE	FIRE EXTINGUISHER, REF. SHEET A9.XX
	CONTROL JOINTS

ALL INTERIOR WALL CORNERS TO HAVE 4'-0" HIGH ALUMINUM CORNER GUARD MOUNTED FROM TOP OF FLOOR BASE.

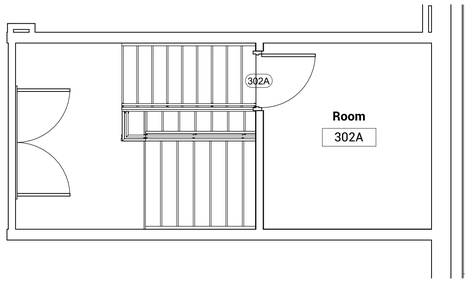
REF. A3.07 FOR PARTITION TYPES



1 LEVEL 3 KEY PLAN
SCALE: 3/16" = 1'-0"



2 LEVEL 3.5 KEY PLAN
SCALE: 1/4" = 1'-0"



3 LEVEL 3.5 KEY PLAN
SCALE: 1/4" = 1'-0"

INTERIM REVIEW
Document incomplete; Not intended for permit, bidding, or construction.

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GUADALUPE COUNTY APPRAISAL DISTRICT
MARY ERSKINE BUILDING RENOVATION
216 E COLLEGE ST
SEGUIN, TEXAS 78155

REVISIONS

PROJECT NO.
2025-09

PHASE
DD

DATE
MARCH 2026

DESCRIPTION
LEVEL 3 KEY PLAN

A3.06

ROOM FINISH SCHEDULE

ROOM #	ROOM NAME	FLOOR	BASE	WALL FINISH				CEILING FINISH	COMMENTS
				NORTH	SOUTH	EAST	WEST		
101	ENTRY	F3	B1	W1	W5	W5	W1	C1	
101B	STORAGE								
102	CORRIDOR	F3	B1	W1	W1	W1	W1	C1	
103	TAX LIAISON OFFICE	F3	B1	W1	W1	W1	W1	C1	
104	ARB ROOM	F3	B1	W1	W1	W1	W1	C1	
105	WOMENS RR	F5	B2	W2	W2	W2	W2	C3	
106	MENS RR	F5	B1	W2	W2	W2	W2	C3	
107	STORAGE	F4	B1		W1	W1	W1	C3	
108	LACTATION ROOM	F3	B1	W1	W1	W1	W1	C1	
109	SHOWER RR	F2	B2	W2	W2	W2	W2	C3	
110	FAMILY RR	F2	B2	W2	W2	W2	W2	C3	
111	JAN	F4	B1	W1	W1	W1	W1	C3	
112	FITNESS ROOM	F3	B1	W1	W1	W1	W1	C1	
113	OFFICE	F3	B1	W1	W1	W1	W1	C1	
114	TRAINING ROOM	F3	B1	W1	W1	W1	W1	C1	
115	BREAK ROOM	F3	B1	W1	W1	W1	W1	C1	
115A	STORAGE	F3	B1	W1	W1	W1	W1	C3	
116	MECH	F4	B1	W1	W1	W1	W1	C3	
117	MECH	F4	B1	W1	W1	W1	W1	C3	
118	ARB CHECK IN AREA	F3	B1	W1	W1		W1	C1	
119	WAITING ROOM	F3	B1	W1	W1	W1	W1	C1	
119A	STORAGE	F3	B1	W1	W1	W1	W1	C3	
120	ARB ROOM	F3	B1	W1	W1	W1	W1	C1	
121	CORRIDOR	F1	B1	W1	W1	W1	W1	C1	
122	ELEVATOR LOBBY	F3	B1			W5	W5	C1	
123	STORAGE								
201	CORRIDOR	F1	B1	W1	W1	W1	W1	C1	
202	CONFERENCE ROOM	F3	B1	W1	W1	W1	W1	C1	
203	WOMENS RR	F5	B2	W2	W2	W2	W2	C3	
204	MENS RR	F5	B2	W2	W2	W2	W2	C3	
205	BREAK ROOM		B1	W1	W1	W1	W1	C1	
206	FAMILY RR	F5	B2	W2	W2	W2	W2	C3	
207	JAN	F4	B1	W1	W1	W1	W1	C3	
208	ADMINISTRATION OFFICE	W1	B1	W1	W1	W1	W1	C1	
209	ADMIN COLLAB SPACE	W1	B1	W1	W1	W1	W1	C1	
210	VESTIBULE	W1	B1	W1	W1	W1	W1	C1	
211	ADMIN WORK STATION	W1	B1	W1	W1	W1	W1	C1	
211A	CLOSET WITH NETWORK RACKS	W1	B1	W1	W1	W1	W1	C3	
212	MAPPING	F1	B1	W1	W1	W1	W1	C1	
213	SERVICE ROOM	F1	B1	W1	W1	W1	W1	C1	
214	MEZZANINE	F3	B1	W1	W1			C1	
215	SERVICE CLERKS ROOM		B1	W1	W1	W1	W1	C1	
216	MECH	F4	B1	W1	W1	W1	W1	C3	
217	ELEVATOR LOBBY	F3	B1	W1	W1	W1	W1	C1	
301	CORRIDOR	F1	B1	W1	W1	W1	W1	C1	
301A	Room								
302	WORK STATIONS	F3	B1	W1	W1	W1	W1	C1	
302A	Room								
303	MECHANICAL	F1	B1	W1	W1	W1	W1	C1	
304	WORK STATIONS	F1	B1	W1	W1	W1	W1	C1	
305	WAITING AREA	F1	B1	W1	W1	W1	W1	C1	
306	HR OFFICE 1	F1	B1	W1	W1	W1	W1	C1	
307	HR OFFICE 2	F1	B1	W1	W1	W1	W1	C1	
308	HR OFFICE 3	F1	B1	W1	W1	W1	W1	C1	
309	CLOSET WITH NETWORK RACKS	F1	B1	W1	W1	W1	W1	C3	
310	CHIEF APPRAISER OFFICE	F1	B1	W1	W1	W1	W1	C1	
311	DEPUTY CHIEF APPRAISER OFFICE	F1	B1	W1	W1	W1	W1	C1	
312	BREAK ROOM	F3	B1	W1	W1	W1	W1	C1	
313	CONFERENCE ROOM	F3	B1	W1	W1	W1	W1	C1	
314	LACTATION ROOM	F3	B1	W1	W1	W1	W1	C1	
315	CONFERENCE ROOM		B1	W1	W1	W1	W1	C1	
316	WOMENS RR	F2	B2	W2	W2	W2	W2	C3	
317	JAN								
318	MENS RR	F2	B2	W2	W2	W2	W2	C3	
319	STORAGE	F1	B1	W1	W1	W1	W1	C1	
320	ELEVATOR LOBBY	F4	B1	W1	W1	W1	W1	C1	

ROOM FINISH LEGEND

BASE

B1	4"H RUBBER COVE BASE
B2	4"H CERAMIC TILE

FLOOR

F1	EXISTING WOOD PLANK
F2	NEW WOOD PLANK
F2	TERAZZO
F3	LVT
F4	POLISHED CONCRETE
F5	2" X 2" CERAMIC TILE

WALL

W1	GYPSUM WALLBOARD, PAINTED
W2	CERAMIC TILE, FULL HEIGHT

CEILING

C1	ACOUSTICAL CEILING TILE TYPE 1 - 24" X 24
C2	ACOUSTICAL CEILING TYPE 2 - 24" X 24" HIGH NRC
C3	GYPSUM BOARD, PAINTED
C4	EXPOSED STRUCTURE TO BE PAINTED

ROOM FINISH NOTES

1. ALL UNCONDITIONED ROOMS WITH GYPSUM WALL BOARD FINISH: GYPSUM BOARD SHALL BE FIBERGLASS FACED MOISTURE AND MOLD RESISTANT AND IMPACT RESISTANT.

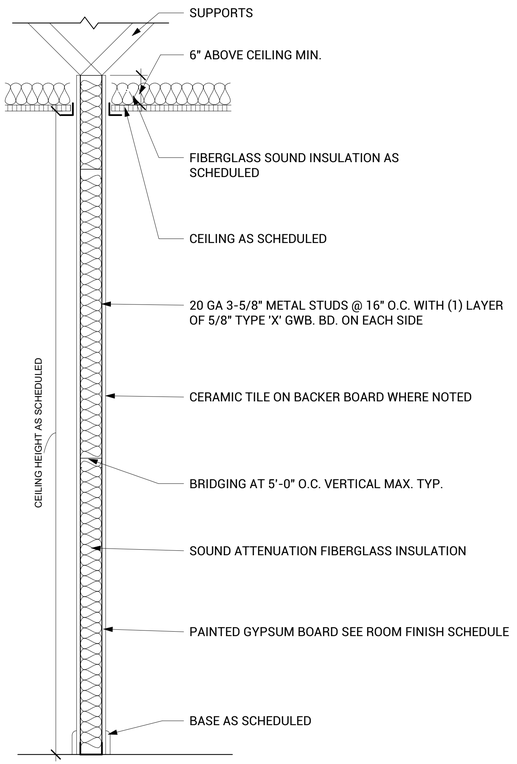
2. GYPSUM WALL BOARD IN ALL CORRIDORS SHALL BE IMPACT RESISTANT

3. GYPSUM BOARD CEILINGS IN RESTROOMS, JANITOR AND ALL UNCONDITIONED SPACES SHALL BE MOISTURE AND MOLD RESISTANT.

4. PROVIDE STAINLESS STEEL CORNER GUARDS AT ALL OUTSIDE CORNERS OF GYPSUM WALL BOARD PARTITIONS.

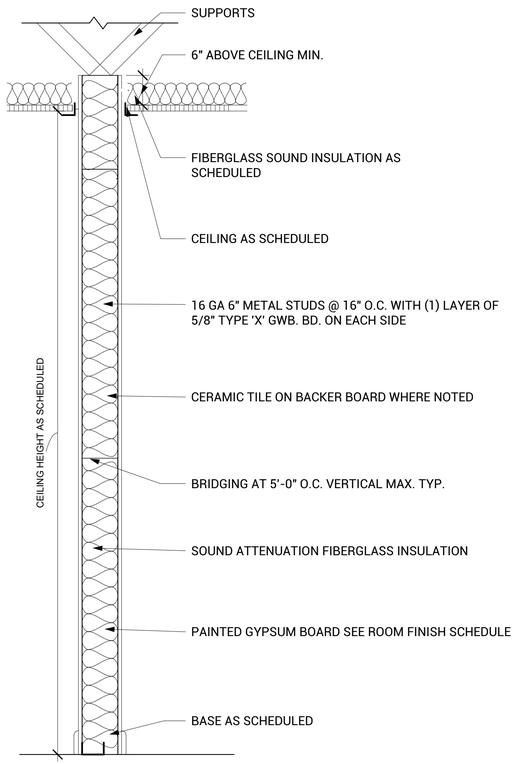
5. PROVIDE FIBERGLASS SOUND DEADENING INSULATION IN ALL GYPSUM BOARD PARTITIONS AT DORM ROOMS, OFFICES, RESTROOMS AND FITNESS ROOM.

6. ALL FINISHES ARE TO COMPLY WITH 2021 IFC CODE(S) .



A 3-5/8" METAL STUD WALL PARTITION TO 6" ABOVE CEILING

1 PARTITION TYPE A
SCALE: 1" = 1'-0"



B 6" METAL STUD WALL PARTITION TO 6" ABOVE CEILING

2 PARTITION TYPE B
SCALE: 1" = 1'-0"

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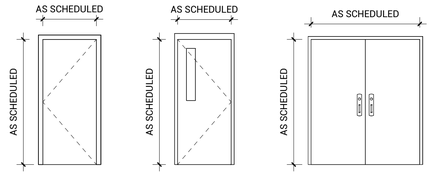
DATE
MARCH 2026

DESCRIPTION
ROOM FINISH SCHEDULE & PARTITION TYPES

A3.07

DOOR SCHEDULE

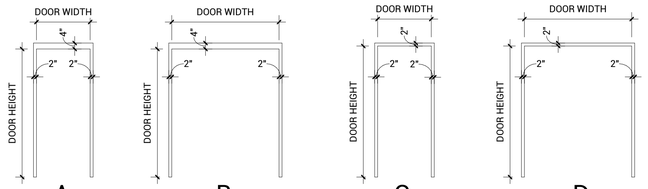
DOOR #	-	TYPE	WT SIZE WIDTH	WT SIZE HEIGHT	WT SIZE THICKNESS	WT MAT'L	WT FINISH	FIRE RATING	HARDWARE	FRAME TYPE	FRAME MAT'L	FRAME FINISH	FRAME DETAIL HEAD	FRAME DETAIL JAMB	FRAME DETAIL THRESHOLD	COMMENTS
101A		3	6' - 0"	7' - 0"	0' - 1 3/4"											
101B		1	3' - 0"	7' - 0"	0' - 1 3/4"	WD	P.LAM				HM	PTD.	3/A3.010	4/A3.010		
102		2	3' - 0"	7' - 0"	0' - 1 3/4"	WD	P.LAM				HM	PTD.	1/A3.010	2/A3.010		
102A		2	3' - 0"	7' - 0"	0' - 1 3/4"	WD	P.LAM				HM	PTD.	1/A3.010	2/A3.010		
103		2	3' - 0"	7' - 0"	0' - 1 3/4"	WD	P.LAM				HM	PTD.	1/A3.010	2/A3.010		
104		4	3' - 0"	7' - 0"	0' - 1 3/4"	WD	P.LAM				HM	PTD.	3/A3.010	4/A3.010		
105		4	3' - 0"	7' - 0"	0' - 1 3/4"	HM	PTD				HM	PTD.	3/A3.010	4/A3.010		
106		4	3' - 0"	7' - 0"	0' - 1 3/4"	HM	PTD				HM	PTD.	3/A3.010	4/A3.010		
107		2	3' - 0"	7' - 0"	0' - 1 3/4"	WD	P.LAM				HM	PTD.	3/A3.010	4/A3.010		
108		1	3' - 0"	7' - 0"	0' - 1 3/4"	WD	P.LAM				HM	PTD.	3/A3.010	4/A3.010		
109		4	3' - 0"	7' - 0"	0' - 1 3/4"	HM	PTD				HM	PTD.	3/A3.010	4/A3.010		QAQC
110		4	3' - 0"	7' - 0"	0' - 1 3/4"	HM	PTD				HM	PTD.	3/A3.010	4/A3.010		
111		2	3' - 0"	7' - 0"	0' - 1 3/4"	HM	P.LAM				HM	PTD.	3/A3.010	4/A3.010		
112		2	3' - 0"	7' - 0"	0' - 1 3/4"	WD	P.LAM				HM	PTD.	3/A3.010	4/A3.010		
113		2	3' - 0"	7' - 0"	0' - 1 3/4"	WD	P.LAM				HM	PTD.	1/A3.010	2/A3.010		
114		2	3' - 0"	7' - 0"	0' - 1 3/4"	WD	P.LAM				HM	PTD.	3/A3.010	4/A3.010		
115		2	3' - 0"	7' - 0"	0' - 1 3/4"	WD	P.LAM				HM	PTD.	3/A3.010	4/A3.010		QAQC
115A		1	3' - 0"	6' - 8"	0' - 1 3/4"	WD	P.LAM				HM	PTD.	3/A3.010	4/A3.010		
116		1	3' - 0"	7' - 0"	0' - 1 3/4"	WD	P.LAM				HM	PTD.	3/A3.010	4/A3.010		
117		2	3' - 0"	7' - 0"	0' - 1 3/4"											EXISTING
118		2	3' - 0"	7' - 0"	0' - 1 3/4"	WD	P.LAM				HM	PTD.	1/A3.010	2/A3.010		
119		2	3' - 0"	7' - 0"	0' - 1 3/4"	WD	P.LAM				HM	PTD.	3/A3.010	4/A3.010		
119A		1	3' - 0"	6' - 8"	0' - 1 3/4"	WD	P.LAM				HM	PTD.	3/A3.010	4/A3.010		
120		2	3' - 0"	7' - 0"	0' - 1 3/4"	WD	P.LAM				HM	PTD.	3/A3.010	4/A3.010		
121		3	6' - 1"	7' - 0"	0' - 1 3/4"	HM	PTD				HM	PTD.				EXISTING
122		3	7' - 6 1/2"	7' - 0"	0' - 1 3/4"						HM	PTD.				EXISTING
123		2	3' - 0"	7' - 0"	0' - 1 3/4"											EXISTING
124		2	3' - 0"	7' - 0"	0' - 1 3/4"	WD	P.LAM				HM	PTD.	3/A3.010	4/A3.010		
125		2	3' - 0"	7' - 0"	0' - 1 3/4"	WD	P.LAM				HM	PTD.	3/A3.010	4/A3.010		
201		3	6' - 0"	7' - 0"	0' - 1 3/4"	HM	PTD				HM	PTD.	3/A3.010	4/A3.010		
202		2	3' - 0"	7' - 0"	0' - 1 3/4"	WD	P.LAM				HM	PTD.	3/A3.010	4/A3.010		
203		4	3' - 0"	7' - 0"	0' - 1 3/4"	HM	PTD				HM	PTD.	3/A3.010	4/A3.010		
204		4	3' - 0"	7' - 0"	0' - 1 3/4"	HM	PTD				HM	PTD.	3/A3.010	4/A3.010		
205		2	3' - 0"	7' - 0"	0' - 1 3/4"	WD	P.LAM				HM	PTD.	3/A3.010	4/A3.010		
206		1	3' - 0"	7' - 0"	0' - 1 3/4"	WD	P.LAM				HM	PTD.	3/A3.010	4/A3.010		
207		1	3' - 0"	7' - 0"	0' - 1 3/4"	WD	P.LAM				HM	PTD.	3/A3.010	4/A3.010		
208		2	3' - 0"	7' - 0"	0' - 1 3/4"	WD	P.LAM				HM	PTD.	3/A3.010	4/A3.010		
209		2	3' - 0"	7' - 0"	0' - 1 3/4"	WD	P.LAM				HM	PTD.	3/A3.010	4/A3.010		
210		3	6' - 0"	7' - 0"	0' - 1 3/4"	HM	PTD				HM	PTD.	3/A3.010	4/A3.010		
210A		3	6' - 0"	7' - 0"	0' - 1 3/4"	HM	PTD				HM	PTD.	1/A3.010	2/A3.010		
211		2	3' - 0"	7' - 0"	0' - 1 3/4"	WD	P.LAM				HM	PTD.	3/A3.010	4/A3.010		
211A		2	3' - 0"	7' - 0"	0' - 1 3/4"	WD	P.LAM				HM	PTD.	1/A3.010	2/A3.010		
211B		2	3' - 0"	7' - 0"	0' - 1 3/4"	WD	P.LAM				HM	PTD.	1/A3.010	2/A3.010		
212		2	3' - 0"	7' - 0"	0' - 1 3/4"	WD	P.LAM				HM	PTD.	3/A3.010	4/A3.010		
213		2	3' - 0"	7' - 0"	0' - 1 3/4"	WD	P.LAM				HM	PTD.	1/A3.010	2/A3.010		
214		2	3' - 0"	7' - 0"	0' - 1 3/4"	WD	P.LAM				HM	PTD.	1/A3.010	2/A3.010		
215		2	3' - 0"	7' - 0"	0' - 1 3/4"	WD	P.LAM				HM	PTD.	3/A3.010	2/A3.010		
216		2	3' - 0"	7' - 0"	0' - 1 3/4"	WD	P.LAM				HM	PTD.	1/A3.010	2/A3.010		
301		3	6' - 0"	7' - 0"	0' - 1 3/4"	HM	PTD				HM	PTD.	1/A3.010	2/A3.010		
301A		2	3' - 0"	7' - 0"	0' - 1 3/4"	WD	P.LAM				HM	PTD.	1/A3.010	2/A3.010		
302		3	6' - 0"	7' - 0"	0' - 1 3/4"	HM	PTD				HM	PTD.	1/A3.010	2/A3.010		
302A		2	3' - 0"	7' - 0"	0' - 1 3/4"	WD	P.LAM				HM	PTD.	1/A3.010	2/A3.010		
303		2	3' - 0"	7' - 0"	0' - 1 3/4"	WD	P.LAM				HM	PTD.	1/A3.010	2/A3.010		QAQC
304		3	6' - 0"	7' - 0"	0' - 1 3/4"	HM	PTD				HM	PTD.	1/A3.010	2/A3.010		
305		2	3' - 0"	7' - 0"	0' - 1 3/4"	WD	P.LAM				HM	PTD.	1/A3.010	2/A3.010		
306		2	3' - 0"	7' - 0"	0' - 1 3/4"	WD	P.LAM				HM	PTD.	1/A3.010	2/A3.010		
307		2	3' - 0"	7' - 0"	0' - 1 3/4"	WD	P.LAM				HM	PTD.	1/A3.010	2/A3.010		
308		2	3' - 0"	7' - 0"	0' - 1 3/4"	WD	P.LAM				HM	PTD.	1/A3.010	2/A3.010		
309		2	3' - 0"	7' - 0"	0' - 1 3/4"	WD	P.LAM				HM	PTD.	1/A3.010	2/A3.010		
312		2	3' - 0"	7' - 0"	0' - 1 3/4"	WD	P.LAM				HM	PTD.	3/A3.010	4/A3.010		
313		1	3' - 0"	7' - 0"	0' - 1 3/4"	WD	P.LAM				HM	PTD.	3/A3.010	4/A3.010		
314		2	3' - 0"	7' - 0"	0' - 1 3/4"	WD	P.LAM				HM	PTD.	3/A3.010	4/A3.010		
315		1	3' - 0"	7' - 0"	0' - 1 3/4"	WD	P.LAM				HM	PTD.	3/A3.010	4/A3.010		
317		1	3' - 0"	7' - 0"	0' - 1 3/4"	WD	P.LAM				HM	PTD.	3/A3.010	4/A3.010		
317		1	3' - 0"	7' - 0"	0' - 1 3/4"	WD	P.LAM				HM	PTD.	3/A3.010	4/A3.010		
319		1	3' - 0"	7' - 0"	0' - 1 3/4"	WD	P.LAM				HM	PTD.	3/A3.010	4/A3.010		



1 INTERIOR SOLID WOOD DOOR

2 INTERIOR SOLID WOOD DOOR W/ VISION PANEL

3 HOLLOW METAL DOUBLE DOOR



A HM FRAME

B HM FRAME

C HM FRAME

D HM FRAME

INTERIM REVIEW
Document incomplete; Not intended for permit, bidding, or construction.

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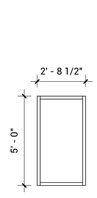
DATE
MARCH 2026

DESCRIPTION
DOOR SCHEDULE & TYPES

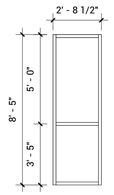
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WINDOW SCHEDULE

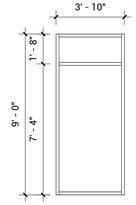
TYPE MARK	R.O. WIDTH	R.O. HEIGHT	MAT'L	FINISH	HEAD	JAMB	SILL	THICKNESS	GLAZING TYPE	SILL HEIGHT	HEAD HEIGHT	COMMENTS
W-1	2' - 8 1/2"	5' - 0"								<varies>		
W-2	2' - 8 1/2"	8' - 5"								0' - 4"		
W-3	3' - 10"	9' - 0"								0' - 0"		
W-4	6' - 6"	1' - 9"								7' - 3"		
W-5	5' - 0"	8' - 7"								0' - 4"		
W-6	6' - 5"	2' - 1"								10' - 2"		
W-7	8' - 0"	1' - 7"								7' - 3"		
W-8	3' - 0"	8' - 3"								3' - 6"		
W-9	3' - 2"	8' - 7"								0' - 0"		
W-10	3' - 8"	7' - 1"								1' - 11"		
W-11	7' - 5"	8' - 3"								<varies>		
W-12	7' - 5"	3' - 3"								3' - 1"		
W-13	7' - 5"	5' - 11"								3' - 1"		
W-14	7' - 5"	7' - 1"								1' - 7"		
W-15	18' - 7"	8' - 6"								0' - 0"		
W-16	7' - 5"	8' - 6"								0' - 0"		
W-17	7' - 8"	5' - 7"								<varies>		
W-18	7' - 10"	4' - 5"								5' - 6"		
W-19	18' - 7 1/2"	7' - 7 1/2"								0' - 11 1/2"		
W-20	11' - 0"	8' - 3"								3' - 6"		
W-21	11' - 2"	<varies>								<varies>		verify
W-22	11' - 2"	7' - 1"								1' - 7"		
W-23	11' - 2"	8' - 7"								0' - 0"		
W-24	15' - 5"	8' - 3"								<varies>		
W-25	18' - 6"	8' - 3"								<varies>		
W-26	18' - 7"	7' - 3"								1' - 4"		
W-27	4' - 8"	2' - 11 1/2"								<varies>	<varies>	SLIDING
W-28	3' - 3"	2' - 0"								2' - 11"	4' - 11"	SLIDING



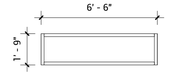
WINDOW 1



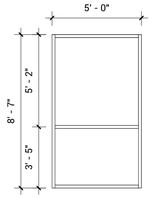
WINDOW 2



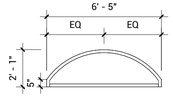
WINDOW 3



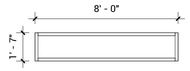
WINDOW 4



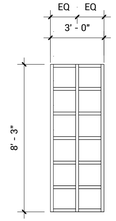
WINDOW 5



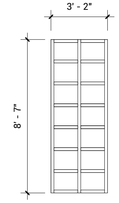
WINDOW 6



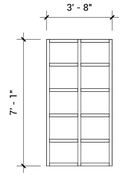
WINDOW 7



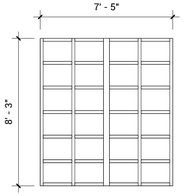
WINDOW 8



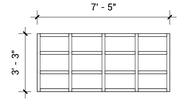
WINDOW 9



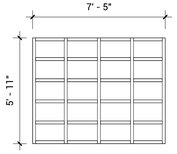
WINDOW 10



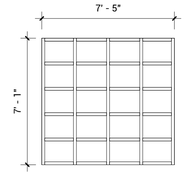
WINDOW 11



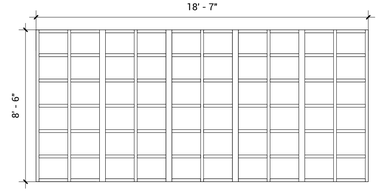
WINDOW 12



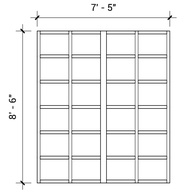
WINDOW 13



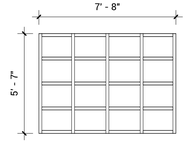
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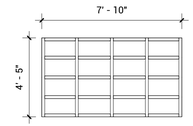
WINDOW 15



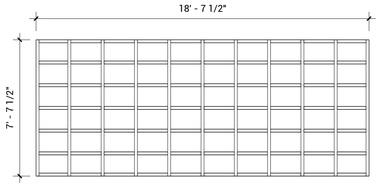
WINDOW 16



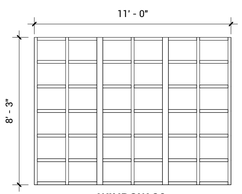
WINDOW 17



WINDOW 18



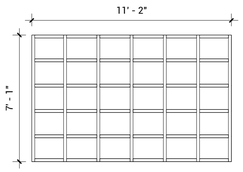
WINDOW 19



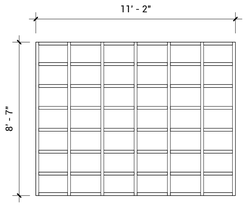
WINDOW 20



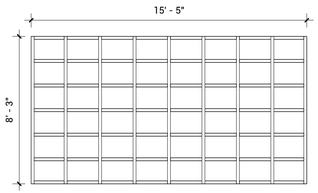
WINDOW 21



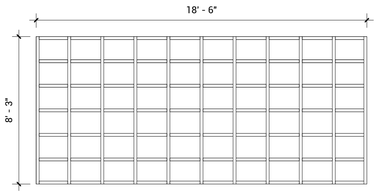
WINDOW 22



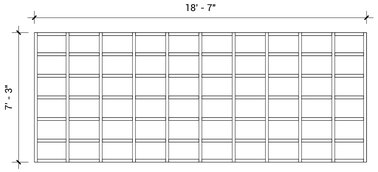
WINDOW 23



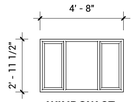
WINDOW 24



WINDOW 25



WINDOW 26



WINDOW 27



WINDOW 28

INTERIM REVIEW
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GUADALUPE COUNTY
APPRAISAL DISTRICT
MARY ERSKINE BUILDING RENOVATION
216 E COLLEGE ST
SEGUIN, TEXAS 78155

REVISIONS

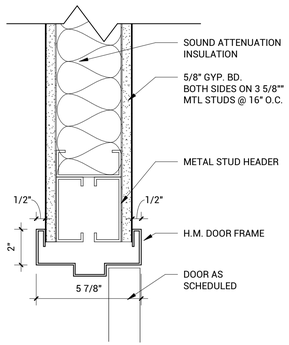
PROJECT NO.
2025-09

PHASE
DD

DATE
MARCH 2026

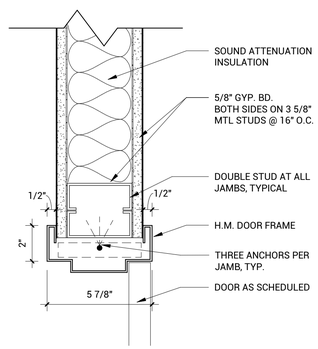
DESCRIPTION
WINDOW SCHEDULE & TYPES

A3.09



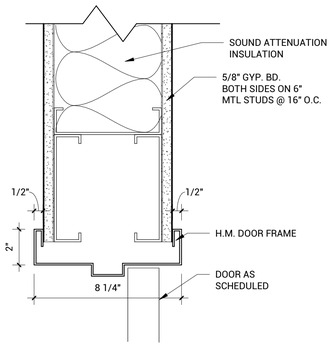
1 HM DOOR HEAD AT 3-5/8" MTL. STUD

SCALE: 3" = 1'-0"



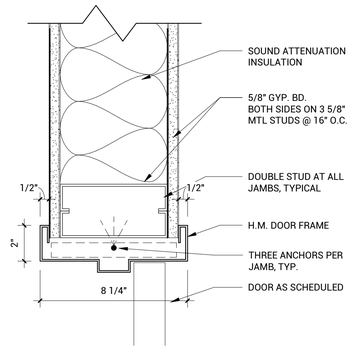
2 HM DOOR JAMB AT 3-5/8" MTL. STUD

SCALE: 3" = 1'-0"



3 HM DOOR HEAD AT 6" MTL. STUD

SCALE: 3" = 1'-0"



4 HM DOOR JAMB AT 6" MTL. STUD

SCALE: 3" = 1'-0"

INTERIM REVIEW
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GUADALUPE COUNTY
APPRAISAL DISTRICT
MARY ERSKINE BUILDING RENOVATION
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SEGUIN, TEXAS 78155

REVISIONS

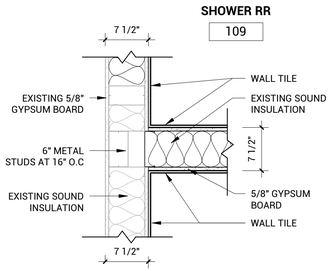
PROJECT NO.
2025-09

PHASE
DD

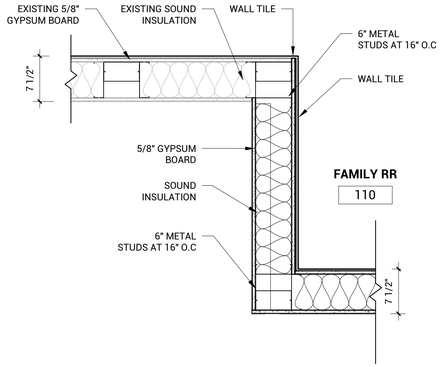
DATE
MARCH 2026

DESCRIPTION
DOOR & WINDOW
DETAILS

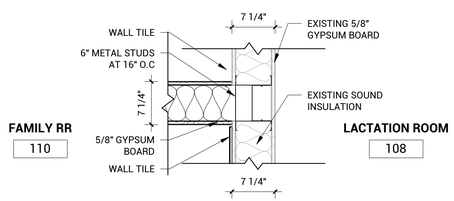
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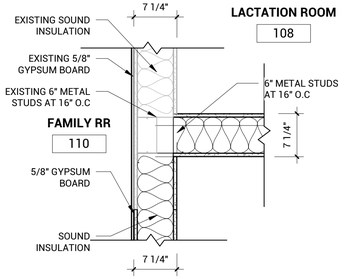
1 LEVEL 1 PLAN DETAIL
SCALE: 1" = 1'-0"



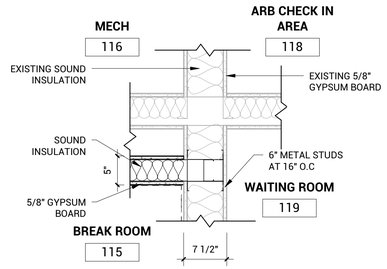
2 LEVEL 1 PLAN DETAIL
SCALE: 1" = 1'-0"



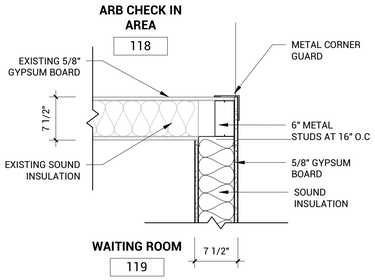
3 LEVEL 1 PLAN DETAIL
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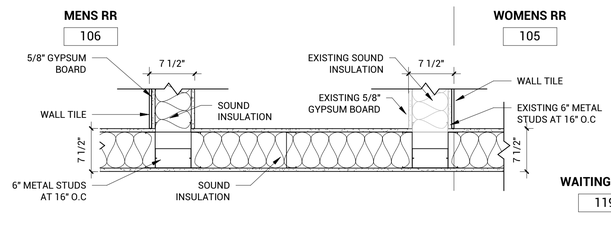
4 LEVEL 1 PLAN DETAIL
SCALE: 1" = 1'-0"



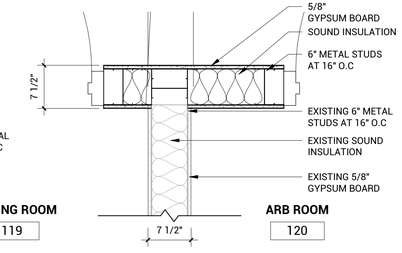
13 LEVEL 1 PLAN DETAIL
SCALE: 1" = 1'-0"



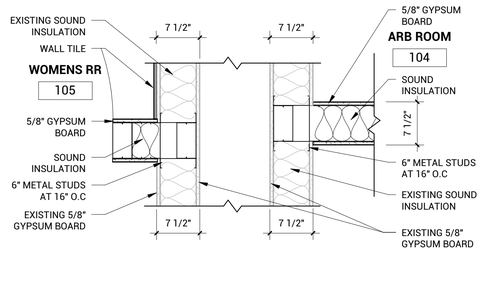
5 LEVEL 1 PLAN DETAIL
SCALE: 1" = 1'-0"



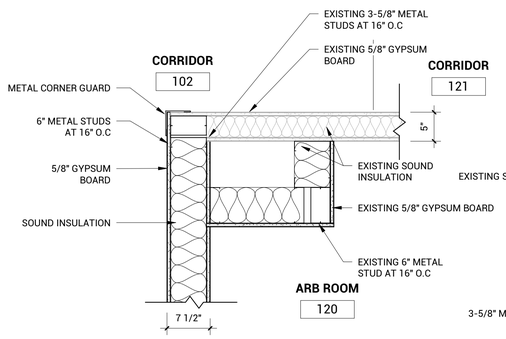
6 LEVEL 1 PLAN DETAIL
SCALE: 1" = 1'-0"



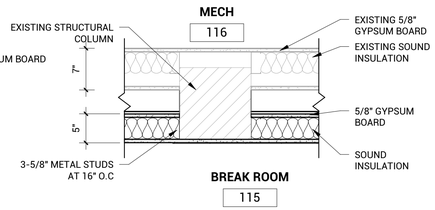
7 LEVEL 1 PLAN DETAIL
SCALE: 1" = 1'-0"



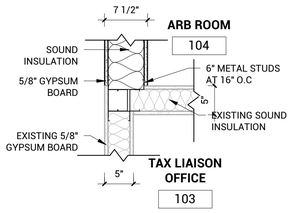
8 LEVEL 1 PLAN DETAIL
SCALE: 1" = 1'-0"



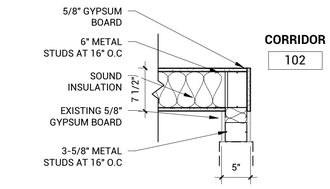
9 LEVEL 1 PLAN DETAIL
SCALE: 1" = 1'-0"



10 LEVEL 1 PLAN DETAIL
SCALE: 1" = 1'-0"



11 LEVEL 1 PLAN DETAIL
SCALE: 1" = 1'-0"



12 LEVEL 1 PLAN DETAIL
SCALE: 1" = 1'-0"

INTERIM REVIEW
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GUADALUPE COUNTY APPRAISAL DISTRICT
MARY ERSKINE BUILDING RENOVATION
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REVISIONS

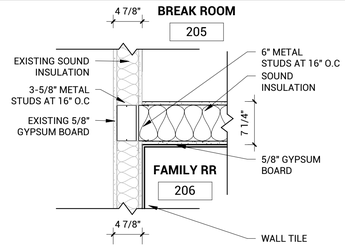
PROJECT NO.
2025-09

PHASE
DD

DATE
MARCH 2026

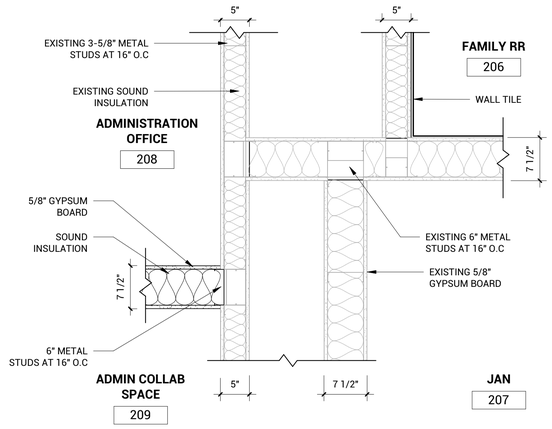
DESCRIPTION
PLAN DETAILS

A3.12



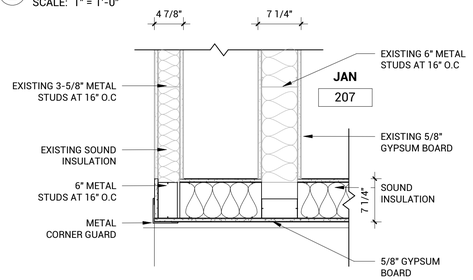
1 LEVEL 2 PLAN DETAIL

SCALE: 1" = 1'-0"



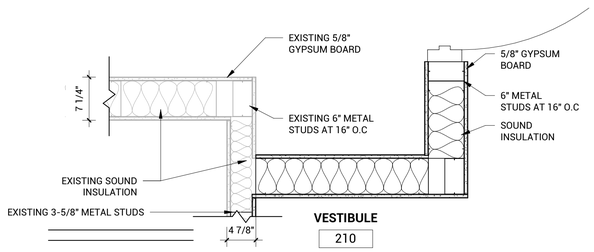
2 LEVEL 2 PLAN DETAIL

SCALE: 1" = 1'-0"



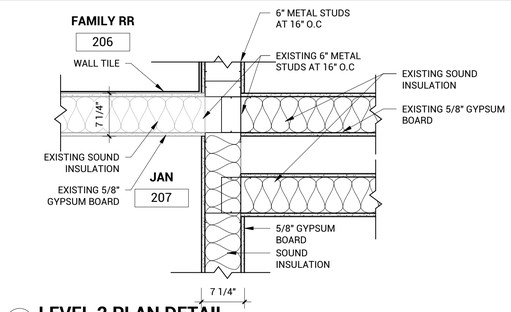
3 LEVEL 2 PLAN DETAIL

SCALE: 1" = 1'-0"



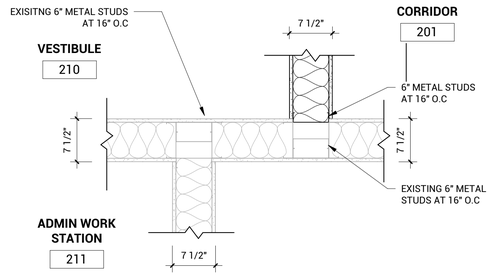
4 LEVEL 2 PLAN DETAIL

SCALE: 1" = 1'-0"



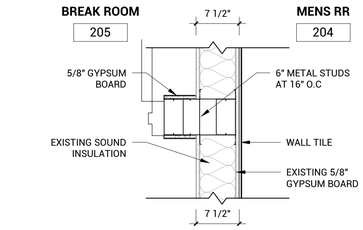
5 LEVEL 2 PLAN DETAIL

SCALE: 1" = 1'-0"



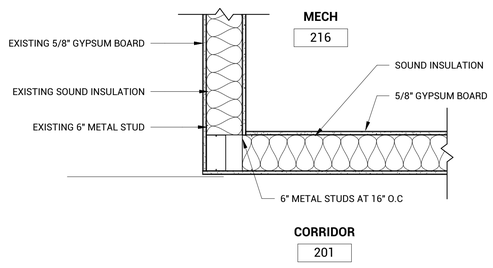
6 LEVEL 2 KEY PLAN - Callout 8

SCALE: 1" = 1'-0"



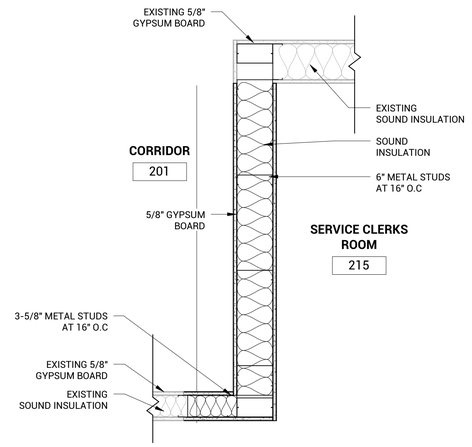
7 LEVEL 2 PLAN DETAIL

SCALE: 1" = 1'-0"



8 LEVEL 2 PLAN DETAIL

SCALE: 1" = 1'-0"



9 LEVEL 2 PLAN DETAIL

SCALE: 1" = 1'-0"

INTERIM REVIEW
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REVISIONS

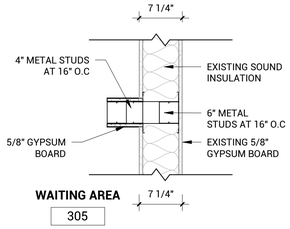
PROJECT NO.
2025-09

PHASE
DD

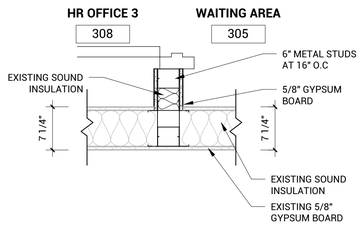
DATE
MARCH 2026

DESCRIPTION
PLAN DETAILS

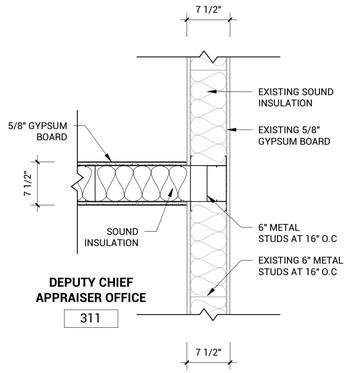
A3.13



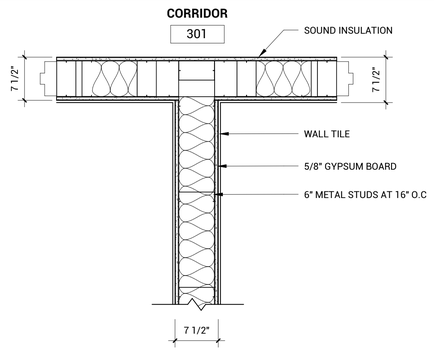
1 LEVEL 3 PLAN DETAIL
SCALE: 1" = 1'-0"



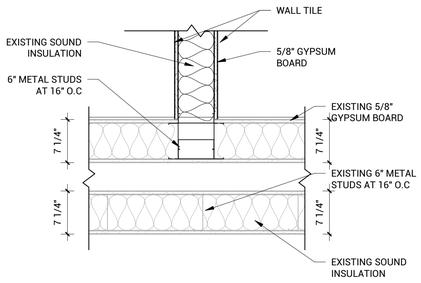
2 LEVEL 3 PLAN DETAIL
SCALE: 1" = 1'-0"



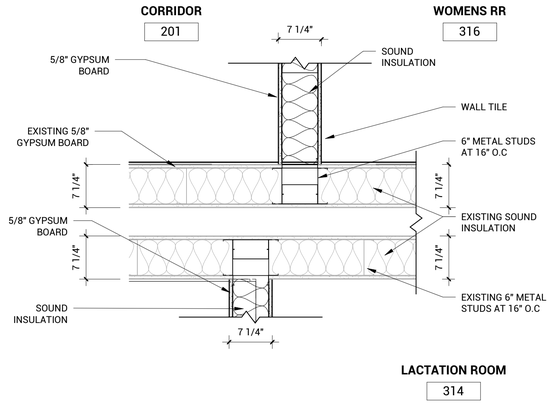
3 LEVEL 3 PLAN DETAIL
SCALE: 1" = 1'-0"



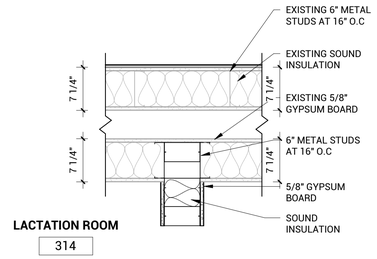
4 LEVEL 3 PLAN DETAIL
SCALE: 1" = 1'-0"



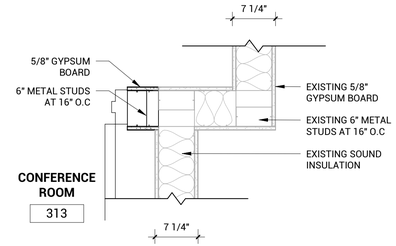
5 LEVEL 3 PLAN DETAIL
SCALE: 1" = 1'-0"



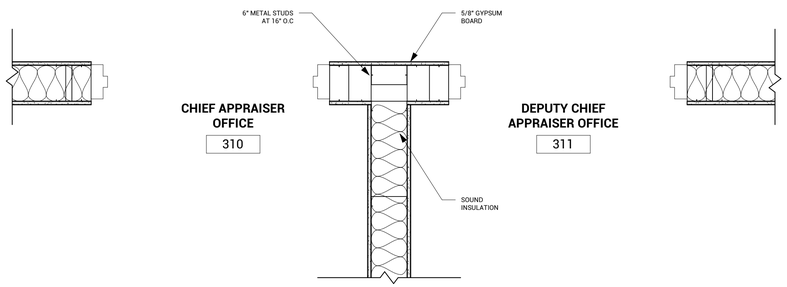
7 LEVEL 3 PLAN DETAIL
SCALE: 1" = 1'-0"



8 LEVEL 3 PLAN DETAIL
SCALE: 1" = 1'-0"



9 LEVEL 3 PLAN DETAIL
SCALE: 1" = 1'-0"



10 LEVEL 3 PLAN DETAIL
SCALE: 1" = 1'-0"

INTERIM REVIEW
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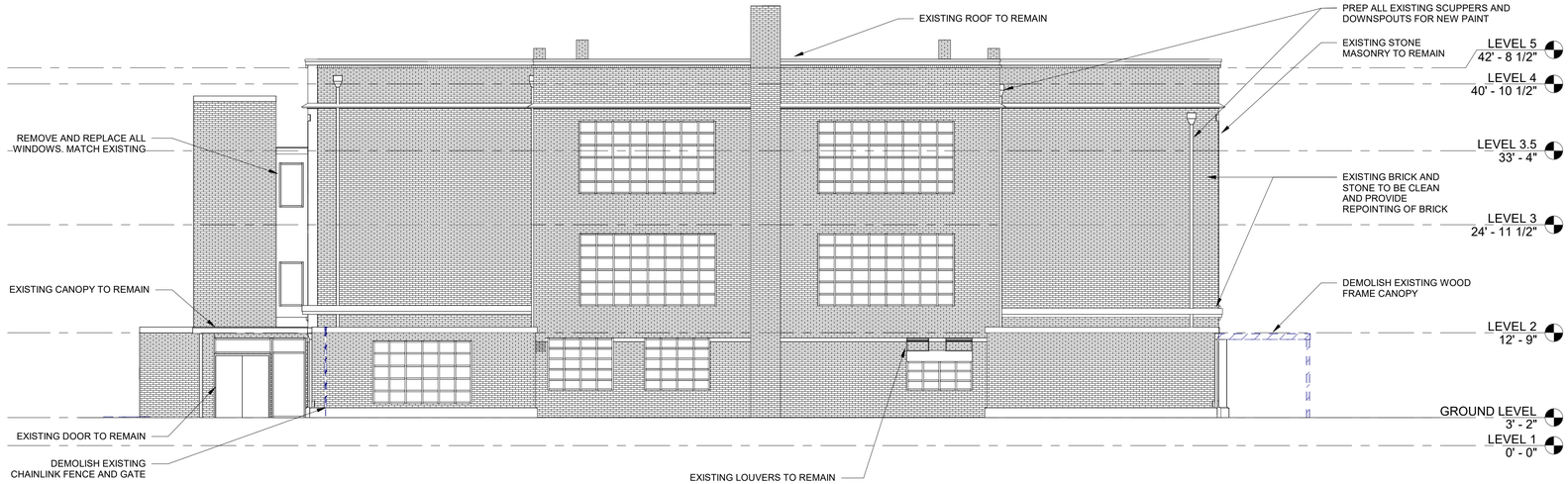
PROJECT NO.
2025-09

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DATE
MARCH 2026

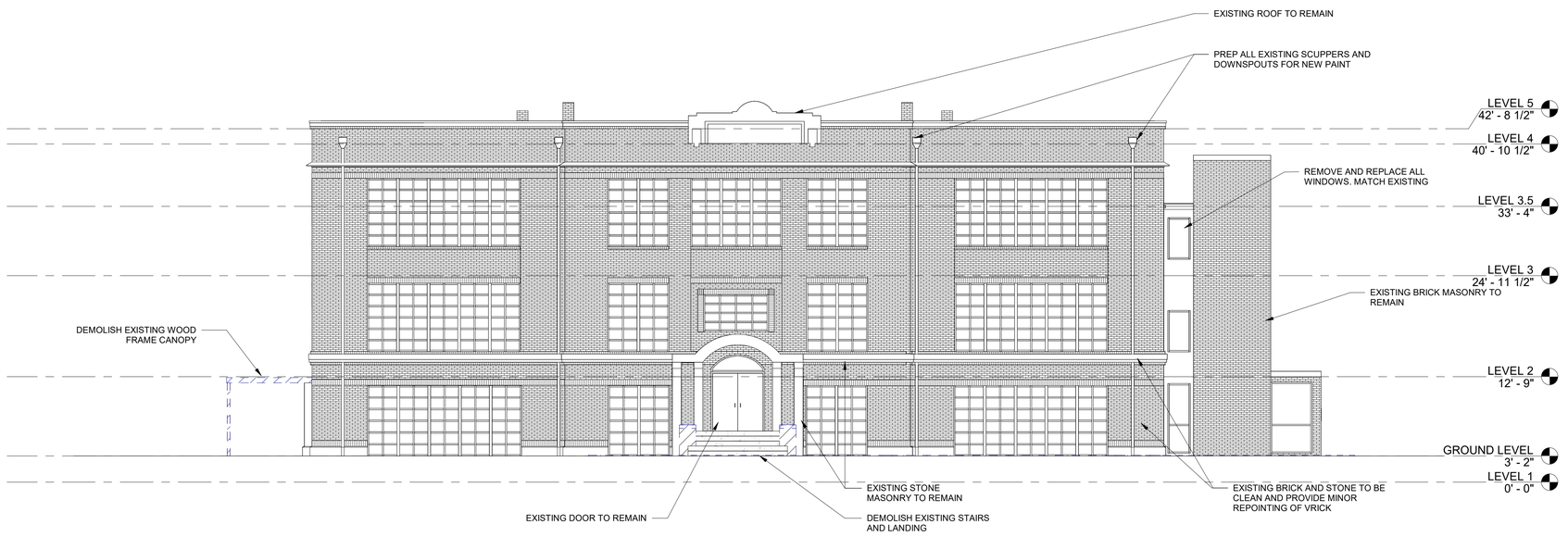
DESCRIPTION
PLAN DETAILS

A3.14



1 NORTH ELEVATION DEMO

SCALE: 1/8" = 1'-0"



2 SOUTH ELEVATION DEMO

SCALE: 1/8" = 1'-0"

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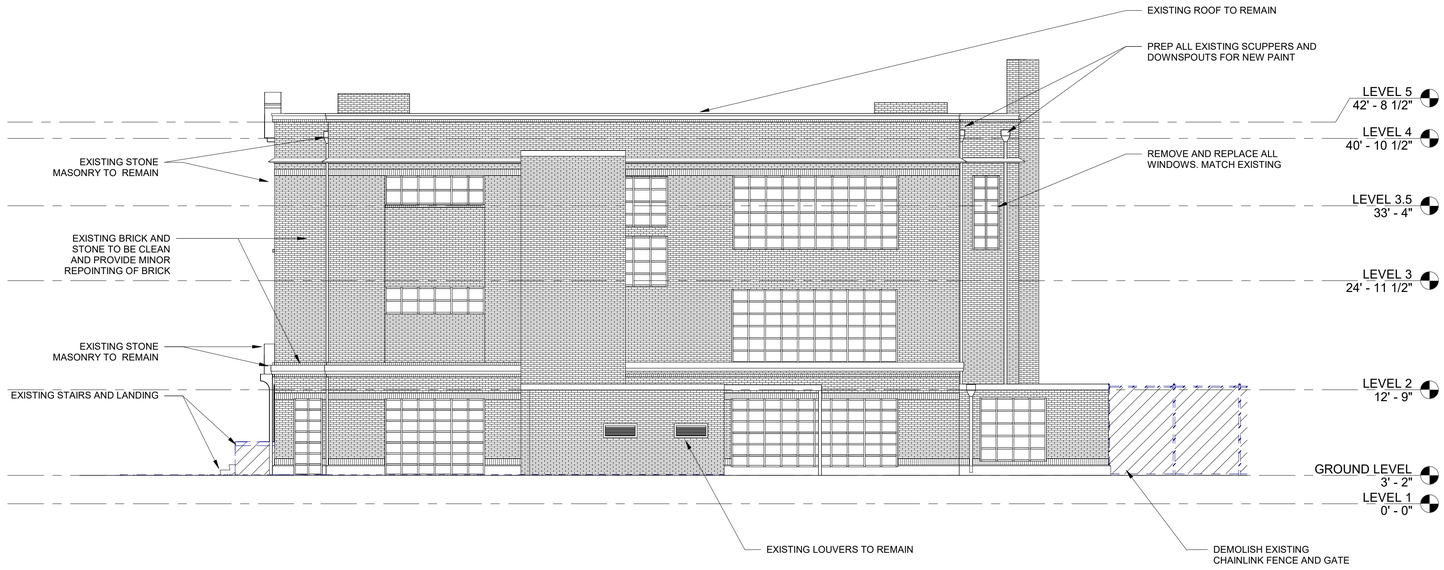
PROJECT NO.
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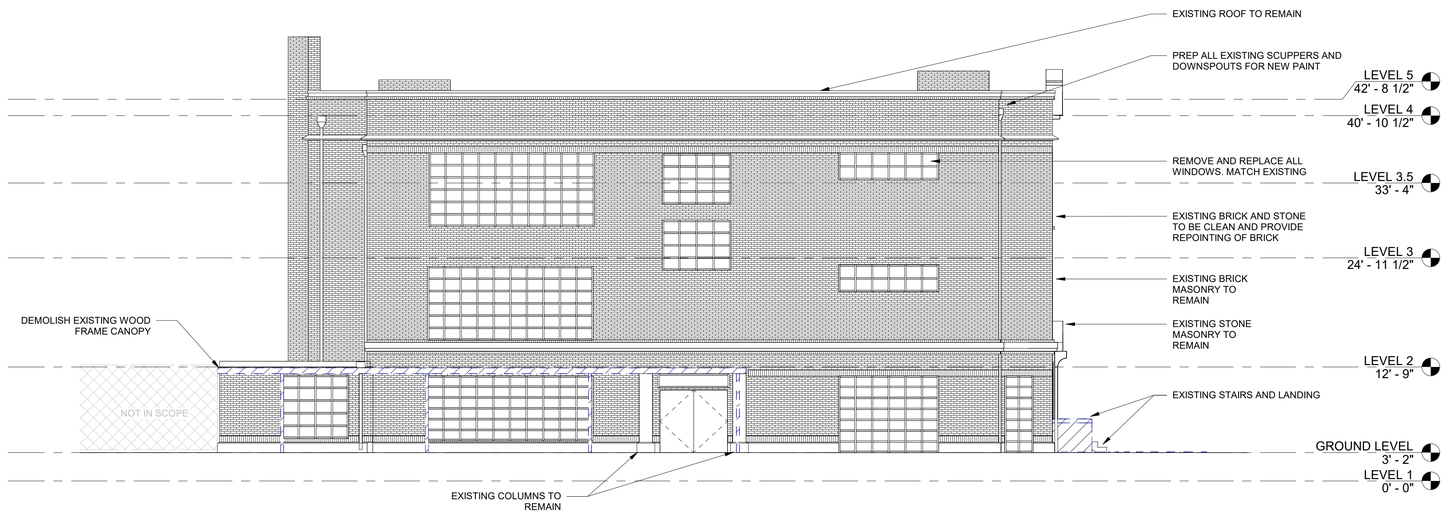
DESCRIPTION
EXTERIOR ELEVATIONS - DEMO

A4.01



1 EAST ELEVATION DEMO

SCALE: 1/8" = 1'-0"



2 WEST ELEVATION DEMO

SCALE: 1/8" = 1'-0"

INTERIM REVIEW
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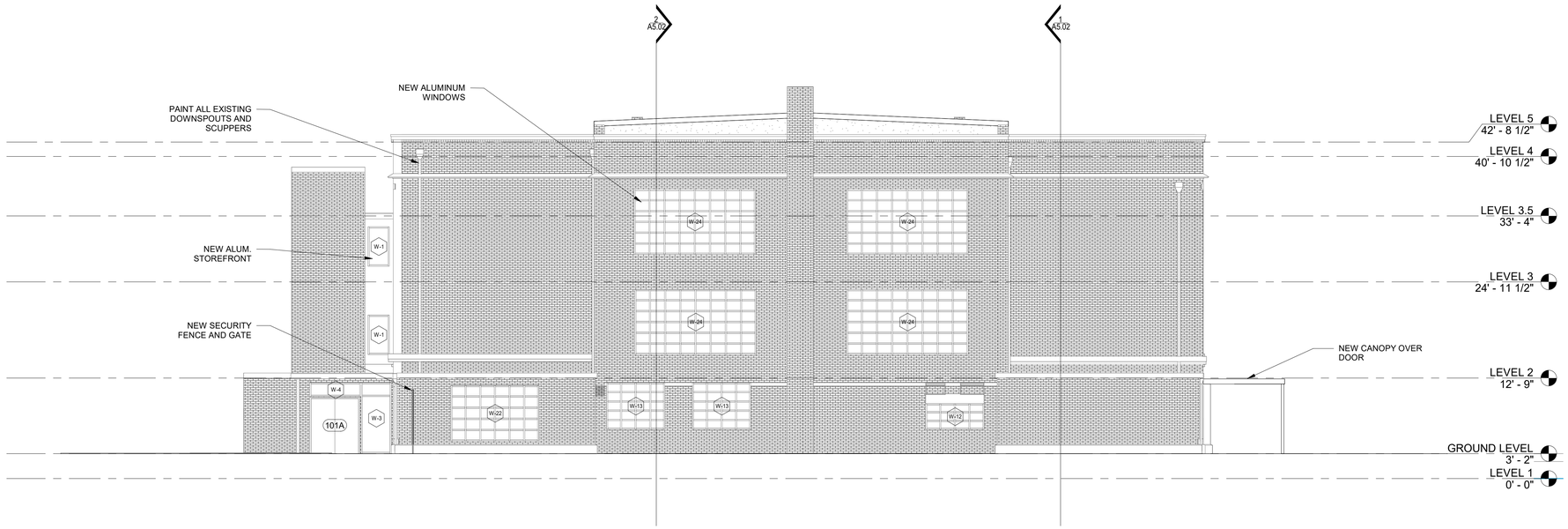
PROJECT NO.
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DATE
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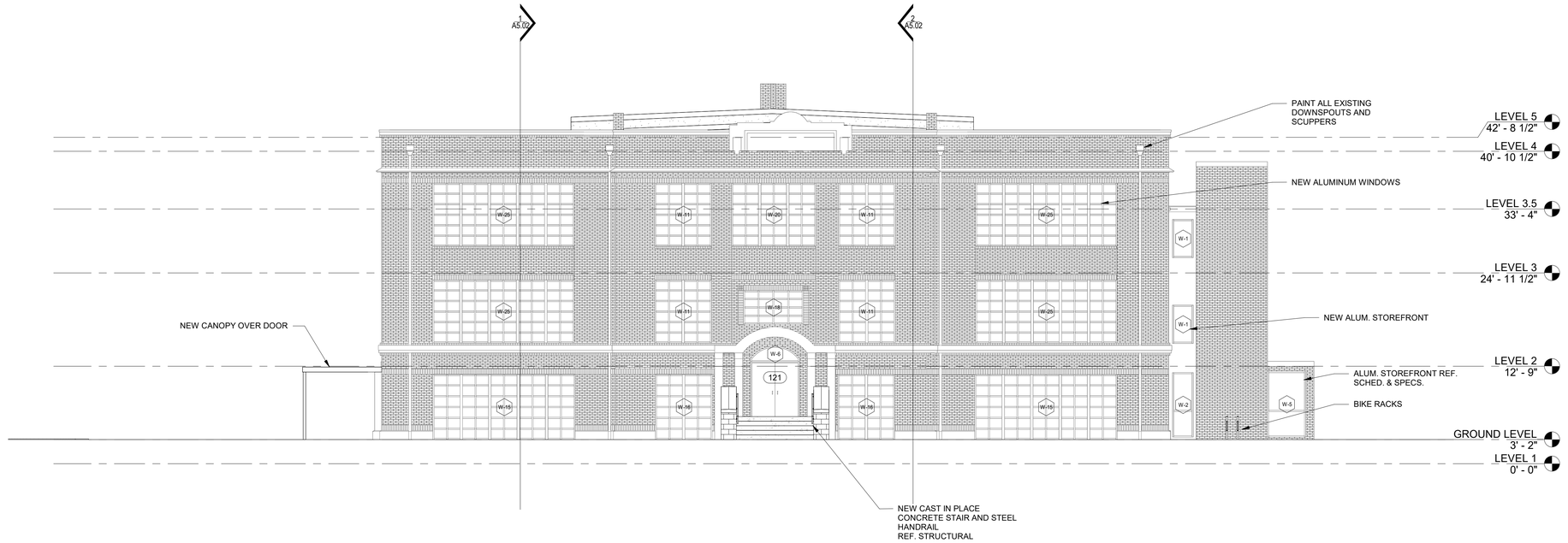
DESCRIPTION
EXTERIOR ELEVATIONS - DEMO

A4.02



1 NORTH ELEVATION

SCALE: 1/8" = 1'-0"



2 SOUTH ELEVATION

SCALE: 1/8" = 1'-0"

INTERIM REVIEW
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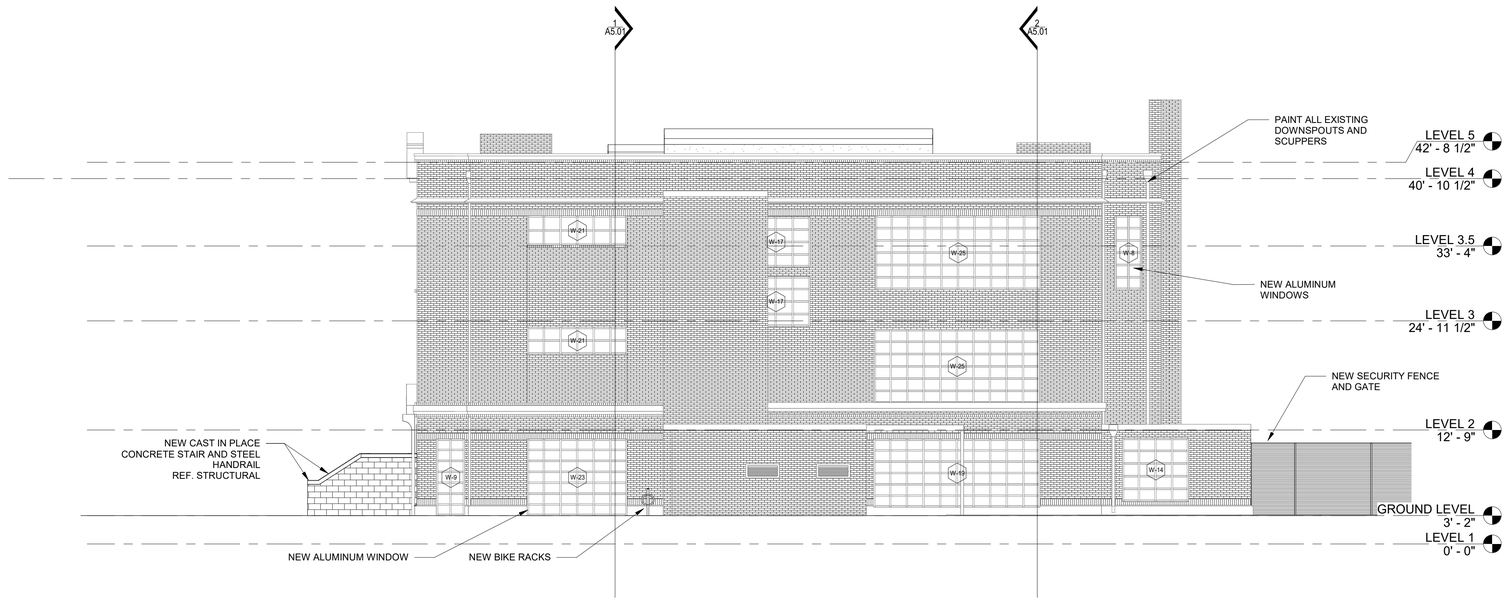
PROJECT NO.
2025-09

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DATE
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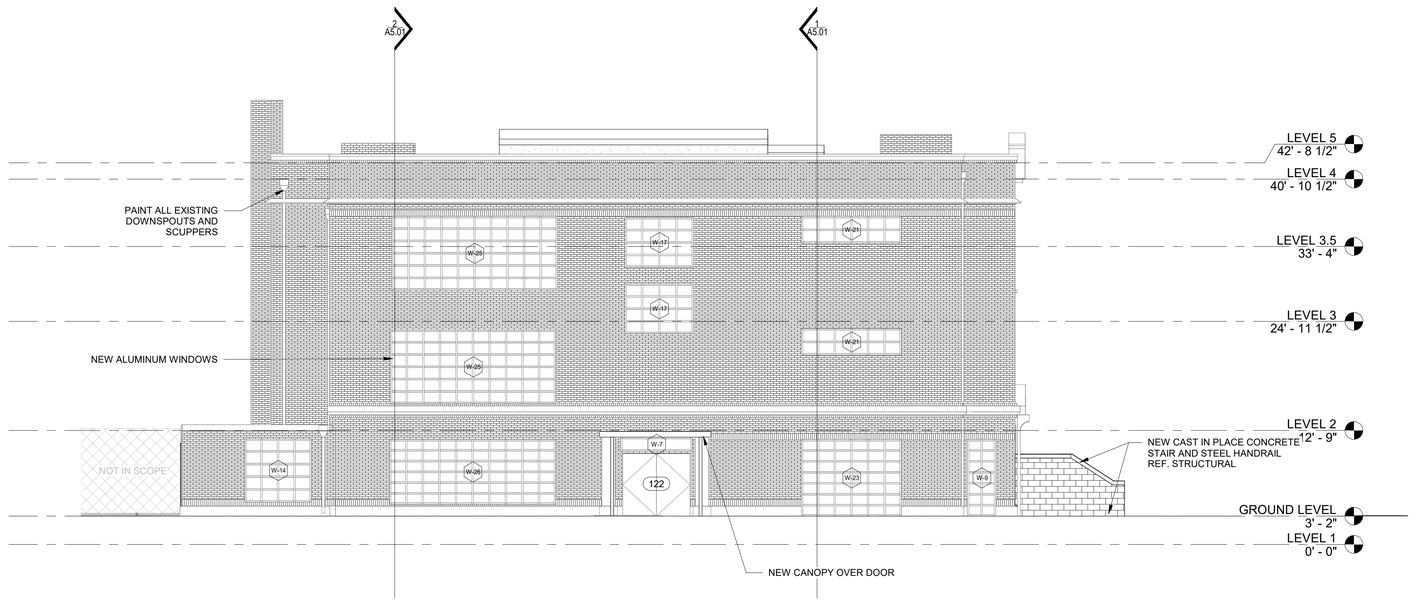
DESCRIPTION
EXTERIOR ELEVATIONS - NEW

A4.03



1 EAST ELEVATION

SCALE: 1/8" = 1'-0"



2 WEST ELEVATION

SCALE: 1/8" = 1'-0"

INTERIM REVIEW
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2025-09

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DATE
MARCH 2026

DESCRIPTION
EXTERIOR ELEVATIONS - NEW

A4.04







NORTH ELEVATION







SOUTH ELEVATION

ELEVATION KEYNOTES

1. REPOINT BRICK MORTAR.
2. CLEAN ALL WALLS.
3. EXTEND LANDING AND REWORK ENTRY STAIRS FOR REQUIRED DOOR STOOP.
4. CLEAN ALL GUTTERS AND DOWNSPOUTS.
5. REMOVE AND REPLACE ALL WINDOWS. MATCH EXISTING.
6. REMOVE WOOD FRAME CANOPY. PROVIDE NEW CANOPY OVER DOOR.
7. PAINT ALL EXPOSED METAL AND SHEET METAL WORK.
8. IF NEW HVAC CHILLER/ BOILER CENTRAL PLANT IS INSTALLED, REMOVE GROUND FLOOR ROOF-TOP A/C AND REPLACE THIS ROOFING

LEGEND

DEMOLITION AREA

NOT IN SCOPE

REPOINT BRICK

INTERIM REVIEW
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2025-09

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DATE
MARCH 2026

DESCRIPTION
EXTERIOR ELEVATION PHOTOS

A4.05







ELEVATION KEYNOTES

1. REPOINT BRICK MORTAR.
2. CLEAN ALL WALLS.
3. EXTEND LANDING AND REWORK ENTRY STAIRS FOR REQUIRED DOOR STOOP.
4. CLEAN ALL GUTTERS AND DOWNSPOUTS.
5. REMOVE AND REPLACE ALL WINDOWS. MATCH EXISTING.
6. REMOVE WOOD FRAME CANOPY. PROVIDE NEW CANOPY OVER DOOR.
7. PAINT ALL EXPOSED METAL AND SHEET METAL WORK.
8. IF NEW HVAC CHILLER/ BOILER CENTRAL PLANT IS INSTALLED, REMOVE GROUND FLOOR ROOF-TOP A/C AND REPLACE THIS ROOFING

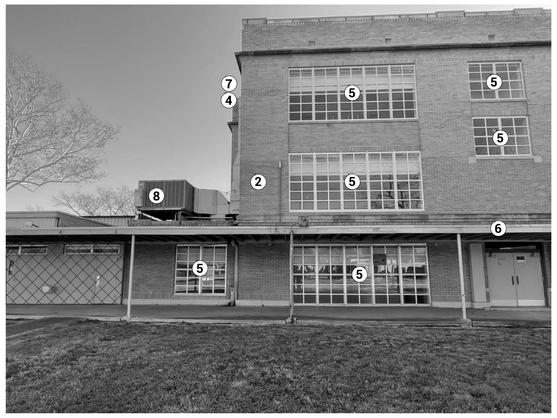
LEGEND

DEMOLITION AREA

NOT IN SCOPE

REPOINT BRICK







INTERIM REVIEW
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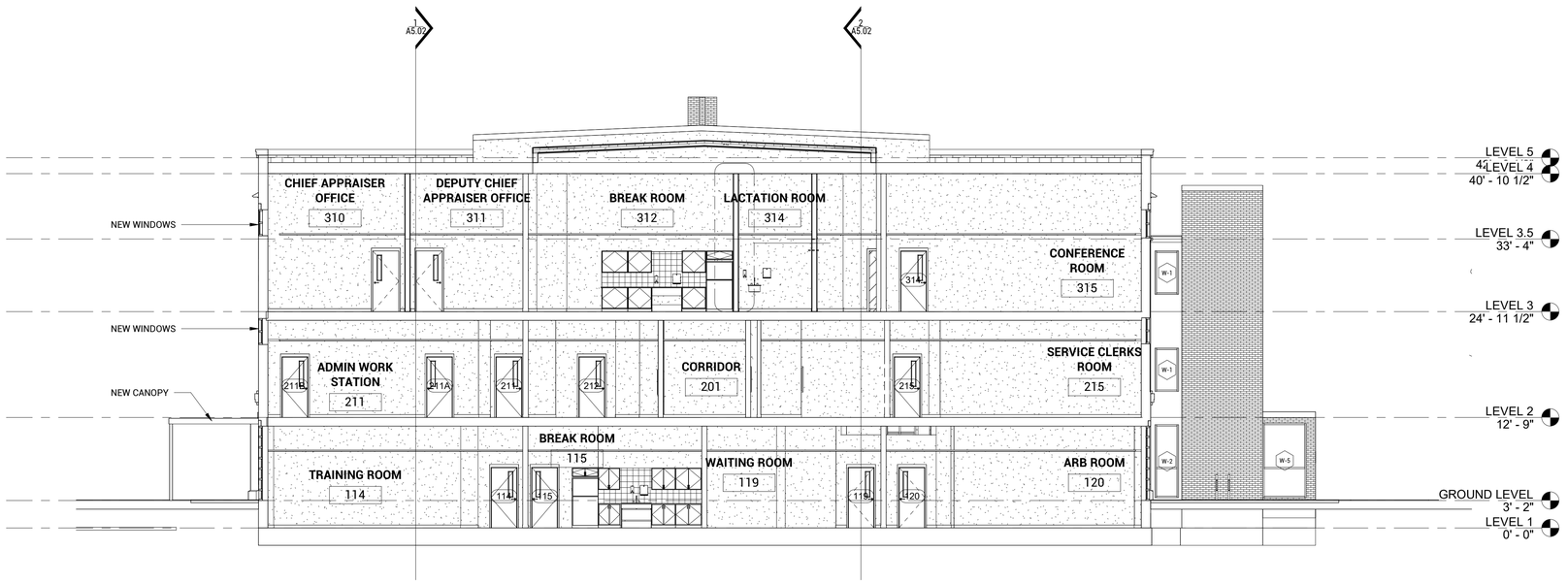
PROJECT NO. 2025-09

PHASE DD

DATE MARCH 2026

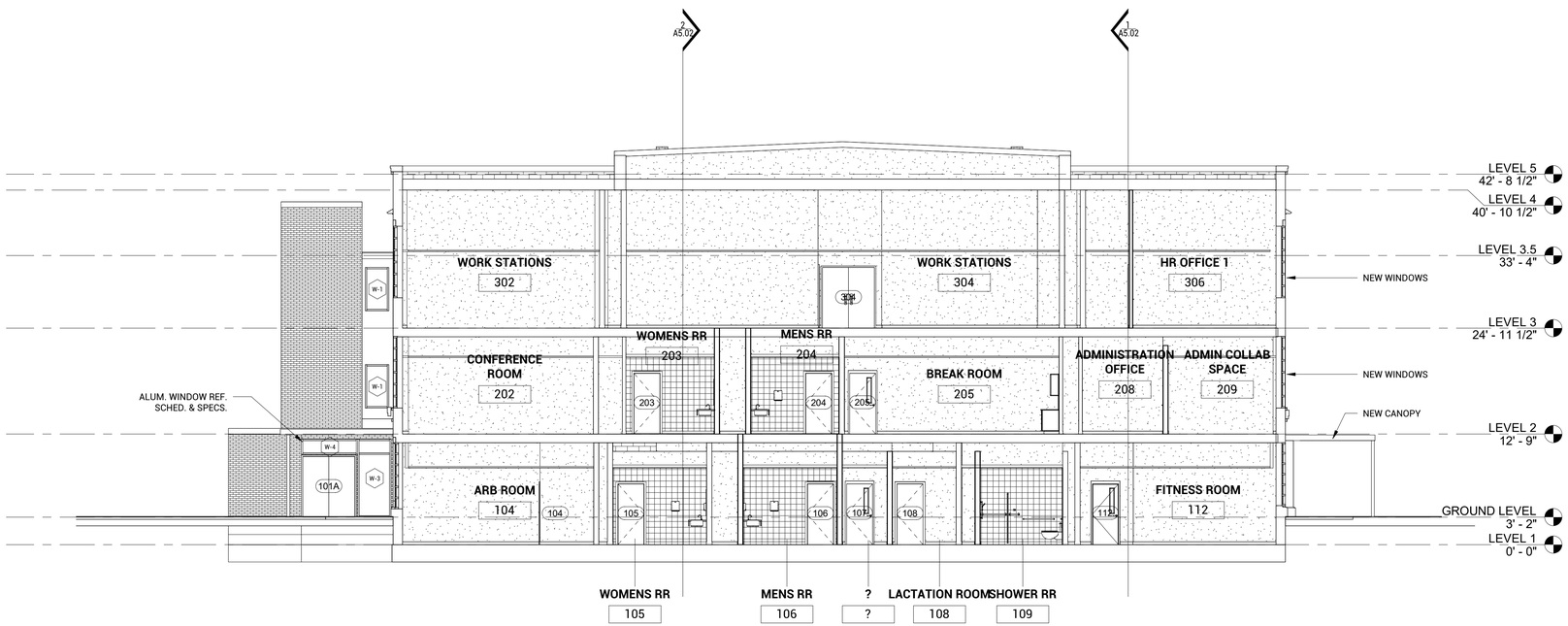
DESCRIPTION
EXTERIOR ELEVATION PHOTOS

A4.06



1 BUILDING SECTION

SCALE: 1/8" = 1'-0"



2 BUILDING SECTION

SCALE: 1/8" = 1'-0"

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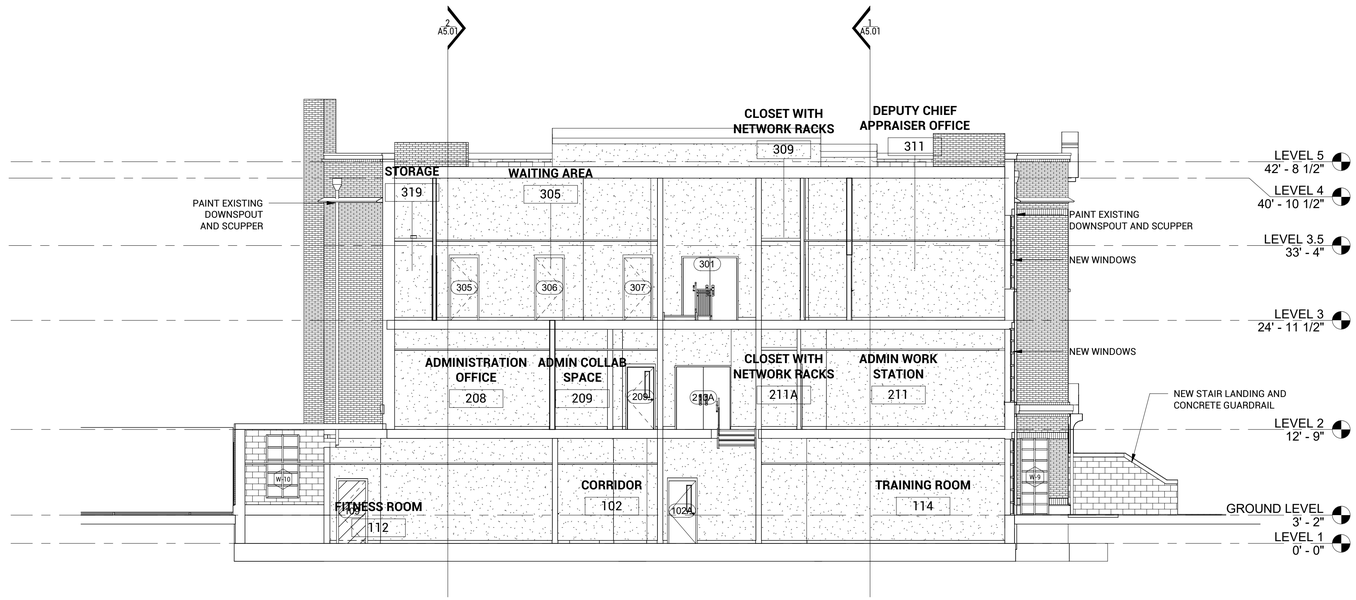
PROJECT NO.
2025-09

PHASE
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DATE
MARCH 2026

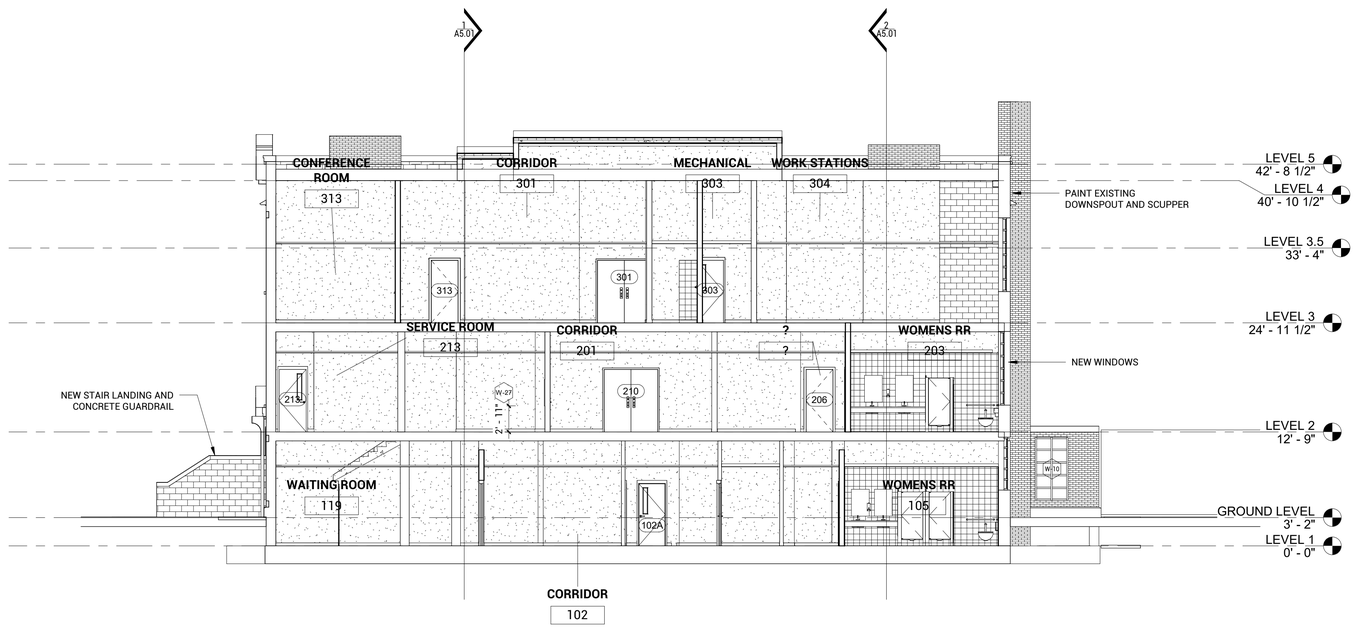
DESCRIPTION
BUILDING SECTIONS

A5.01



1 BUILDING SECTION

SCALE: 1/8" = 1'-0"



2 BUILDING SECTION

SCALE: 1/8" = 1'-0"

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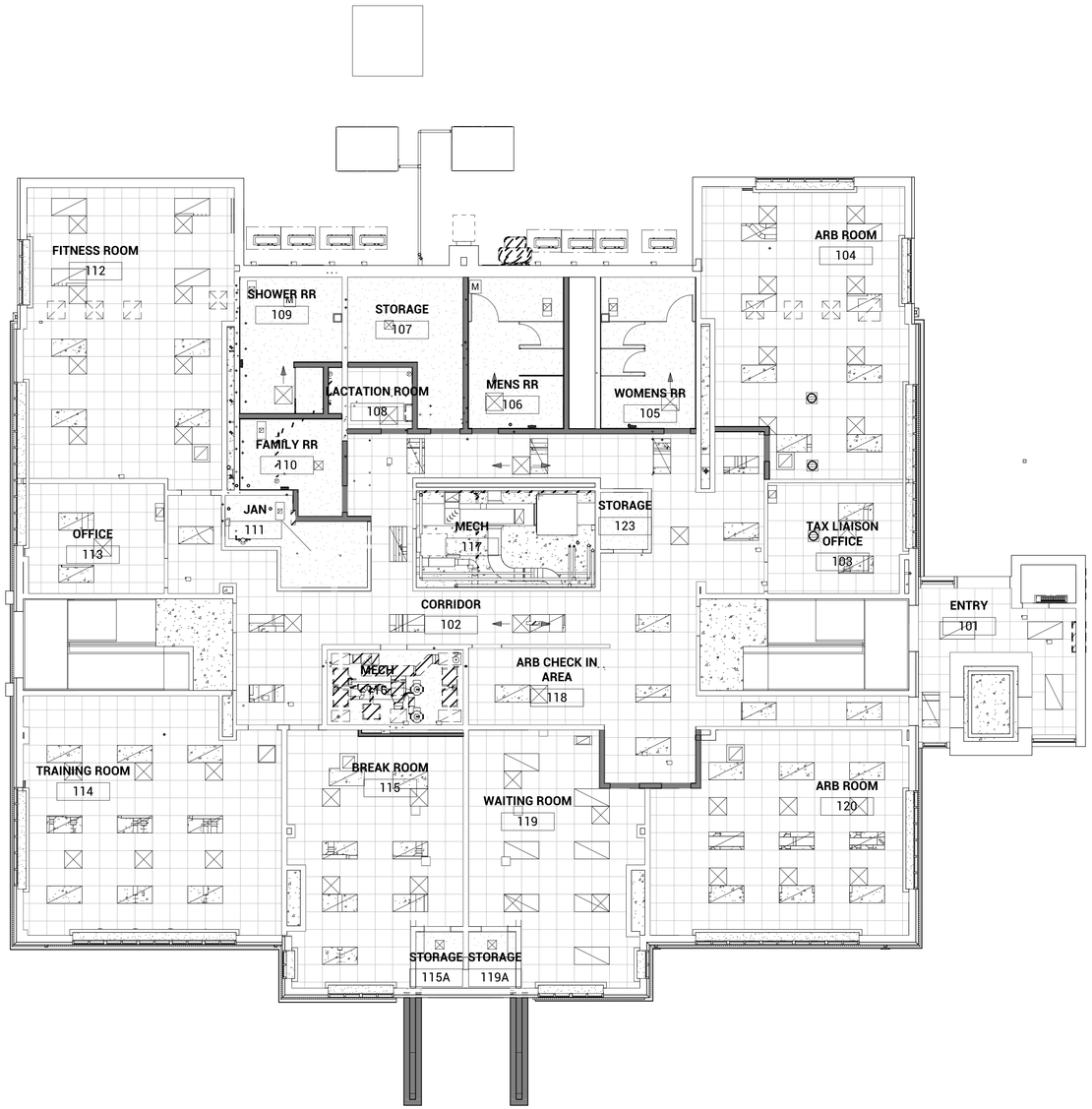
PROJECT NO.
2025-09

PHASE
DD

DATE
MARCH 2026

DESCRIPTION
BUILDING SECTIONS

A5.02



1 **LEVEL 1 RCP**
SCALE: 1/8" = 1'-0"

RCP LEGEND

- SUSPENDED GYPSUM BOARD CEILING / PAINT
  SEE SPEC SECTION 092216 FOR CEILING SUSPENSION SYSTEM
- 2'X2' SUSPENDED ACOUSTICAL TILE CEILING SEE SPEC SECTION -------
- 2'X2' SUSPENDED ACOUSTICAL TILE HIGH NRC SEE SPEC SECTION -------
- 2'X4' LED LIGHT FIXTURE /EMERGENCY
- 4' LONG SUSPENDED STRIP LIGHT FIXTURE / EMERGENCY
- WALL MOUNTED LIGHTING
- OCCUPANCY SENSOR
- EXTERIOR WALL SCONCE / EMERGENCY
- CEILING FAN
- RETURN AIR
- SUPPLY AIR
- EXHAUST FAN
- EXIT LIGHT
- RECESSED DOWNLIGHT / EMERGENCY
- RECESSED SQUARE DOWNLIGHT / EMERGENCY
- WALL PACK, OR WALL MOUNTED LIGHT FIXTURE / EMERGENCY

*REFERENCE ELECTRICAL DRAWINGS FOR CLARIFICATION ON EMERGENCY LIGHT FIXTURES

* LIGHT FIXTURE (TYP.) REF. MEP

LEGEND

- NEW WALL
- EXISTING WALL

INTERIM REVIEW
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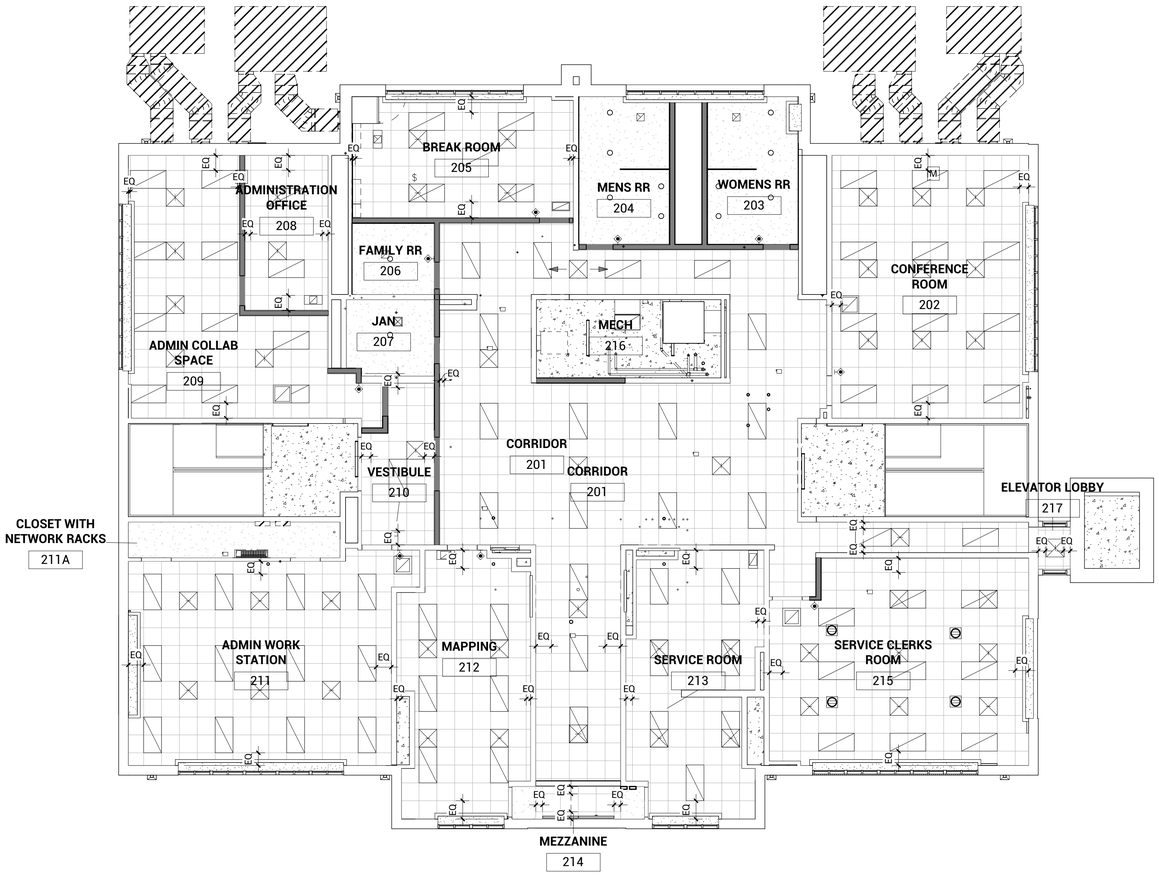
PROJECT NO.
2025-09

PHASE
DD

DATE
MARCH 2026

DESCRIPTION
LEVEL 1 RCP

A8.01



1 LEVEL 2 RCP

SCALE: 1/8" = 1'-0"

RCP LEGEND

- SUSPENDED GYPSUM BOARD CEILING / PAINT
  SEE SPEC SECTION 092216 FOR CEILING SUSPENSION SYSTEM
- 2'X2' SUSPENDED ACOUSTICAL TILE CEILING SEE SPEC SECTION -------
- 2'X2' SUSPENDED ACOUSTICAL TILE HIGH NRC SEE SPEC SECTION -------
- 2'X4' LED LIGHT FIXTURE /EMERGENCY
- 4' LONG SUSPENDED STRIP LIGHT FIXTURE / EMERGENCY
- WALL MOUNTED LIGHTING
- OCCUPANCY SENSOR
- EXTERIOR WALL SCONCE / EMERGENCY
- CEILING FAN
- RETURN AIR
- SUPPLY AIR
- EXHAUST FAN
- EXIT LIGHT
- RECESSED DOWNLIGHT / EMERGENCY
- RECESSED SQUARE DOWNLIGHT / EMERGENCY
- WALL PACK, OR WALL MOUNTED LIGHT FIXTURE / EMERGENCY

*REFERENCE ELECTRICAL DRAWINGS FOR CLARIFICATION ON EMERGENCY LIGHT FIXTURES

* LIGHT FIXTURE (TYP.) REF. MEP

LEGEND

- NEW WALL
- EXISTING WALL

INTERIM REVIEW
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GUADALUPE COUNTY APPRAISAL DISTRICT
MARY ERSKINE BUILDING RENOVATION
216 E COLLEGE ST
SEGUIN, TEXAS 78155

REVISIONS

PROJECT NO.
2025-09

PHASE
DD

DATE
MARCH 2026

DESCRIPTION
LEVEL 2 RCP

A8.02



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

RCP LEGEND

- SUSPENDED GYPSUM BOARD CEILING / PAINT
  SEE SPEC SECTION 092216 FOR CEILING SUSPENSION SYSTEM
- 2'X2' SUSPENDED ACOUSTICAL TILE CEILING SEE SPEC SECTION -------
- 2'X2' SUSPENDED ACOUSTICAL TILE HIGH NRC SEE SPEC SECTION -------
- 2'X4' LED LIGHT FIXTURE /EMERGENCY
- 4' LONG SUSPENDED STRIP LIGHT FIXTURE / EMERGENCY
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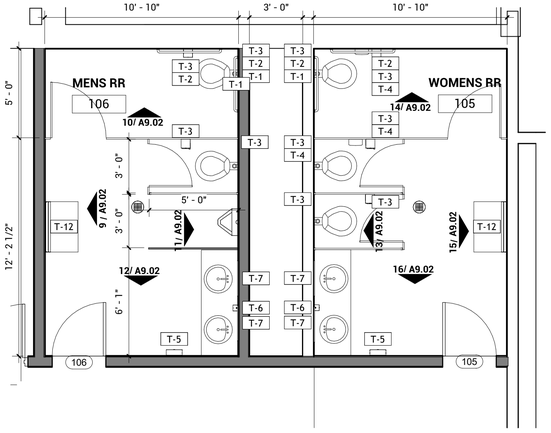
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PHASE
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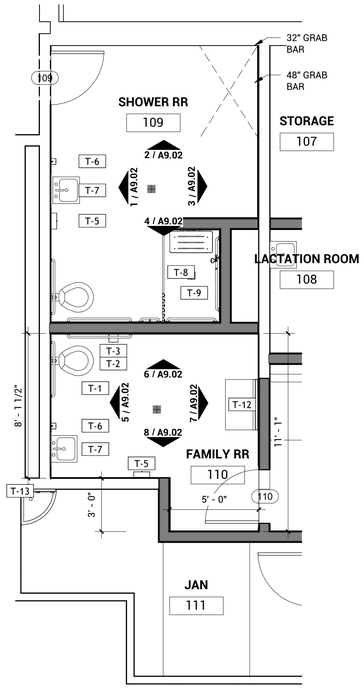
DATE
MARCH 2026

DESCRIPTION
LEVEL 3 RCP

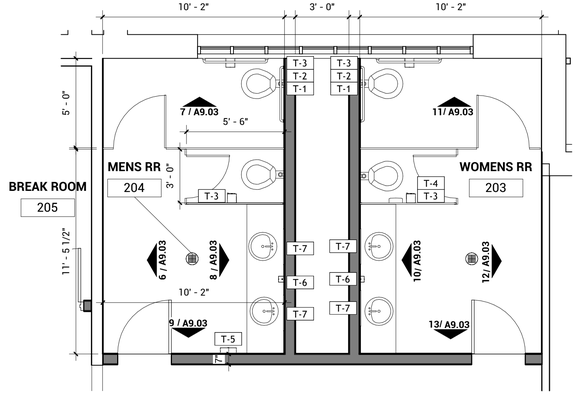
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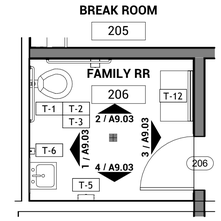
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SCALE: 1/4" = 1'-0"



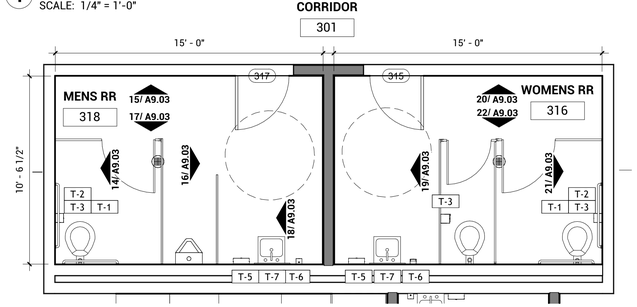
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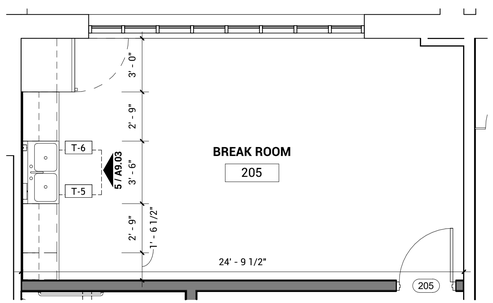
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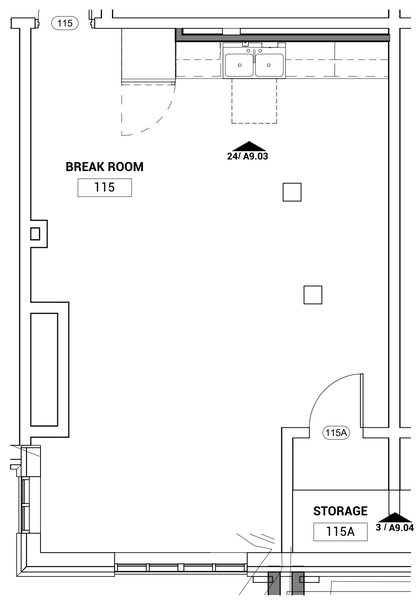
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SCALE: 1/4" = 1'-0"



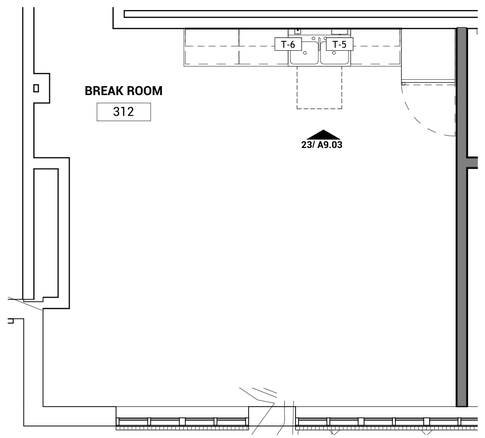
5 ENLARGED PLAN
SCALE: 1/4" = 1'-0"



7 ENLARGED PLAN
SCALE: 1/4" = 1'-0"



6 ENLARGED PLAN
SCALE: 1/4" = 1'-0"



8 ENLARGED PLAN
SCALE: 1/4" = 1'-0"

TOILET ACCESSORIES SCHEDULE

TYPE MARK	DESCRIPTION
T-1	36" GRAB BAR
T-2	42" GRAB BAR
T-3	TOILET PAPER DISPENSER
T-4	SANITARY NAPKIN DISPOSAL
T-5	RECESSED PAPER TOWEL ROLL DISPENSER
T-6	LIQUID SOAP DISPENSER
T-7	24" X 36" MIRROR UNIT
T-8	FOLDING SHOWER SEAT
T-9	SHOWER CURTAIN
T-10	24" TOWEL BAR
T-11	ROBE HOOKS
T-12	BABY CHANGING STATION
T-13	MOP HOLDER, 36" L

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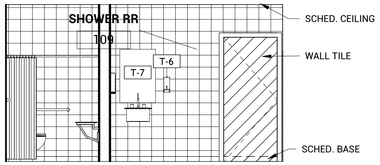
PROJECT NO.
2025-09

PHASE
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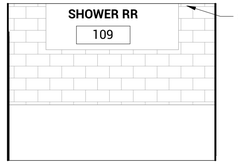
DATE
MARCH 2026

DESCRIPTION
ENLARGED FLOORPLANS

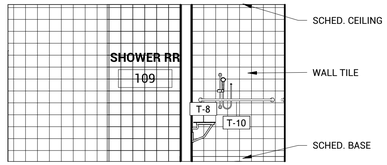
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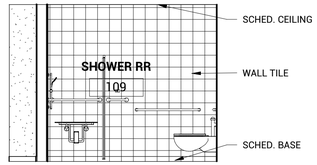
1 LEVEL 1 SHOWER_RR
SCALE: 1/4" = 1'-0"



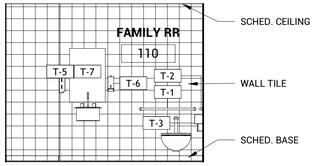
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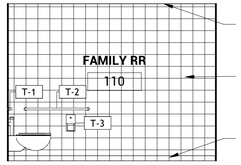
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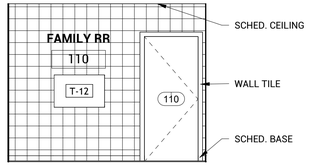
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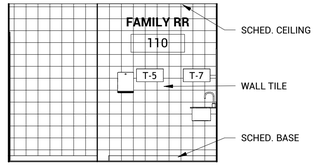
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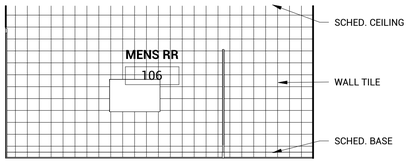
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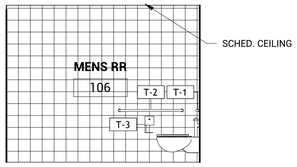
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SCALE: 1/4" = 1'-0"



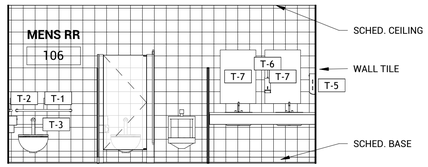
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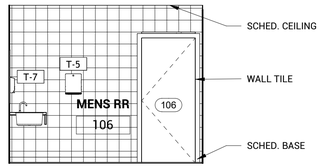
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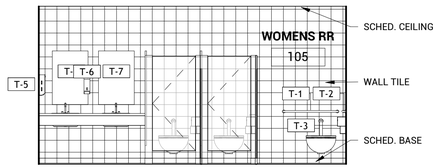
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SCALE: 1/4" = 1'-0"



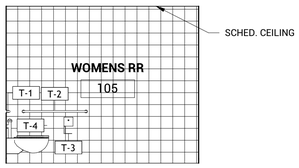
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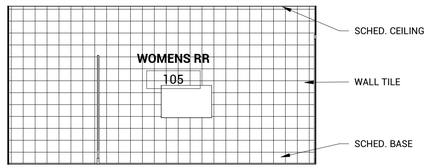
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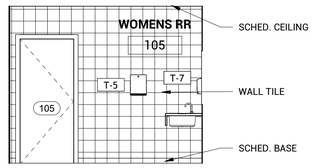
13 LEVEL 1 WOMEN'S RR
SCALE: 1/4" = 1'-0"



14 LEVEL 1 WOMEN'S RR
SCALE: 1/4" = 1'-0"



15 LEVEL 1 WOMEN'S RR
SCALE: 1/4" = 1'-0"



16 LEVEL 1 WOMEN'S RR
SCALE: 1/4" = 1'-0"

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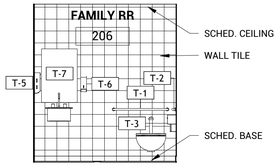
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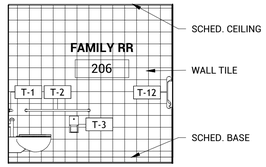
DATE
MARCH 2026

DESCRIPTION
INTERIOR ELEVATIONS

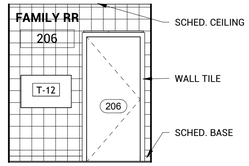
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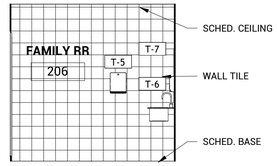
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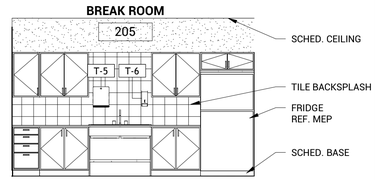
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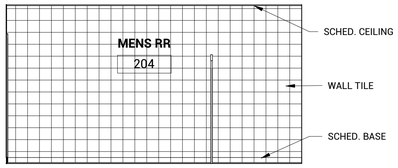
3 LEVEL 2 FAMILY RR
SCALE: 1/4" = 1'-0"



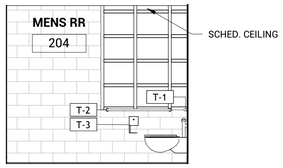
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SCALE: 1/4" = 1'-0"



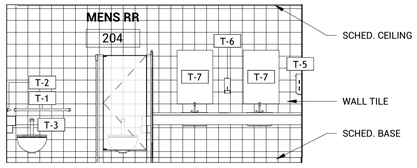
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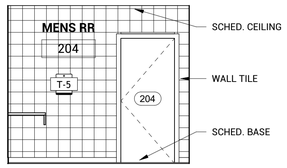
6 LEVEL 2 MEN'S RR
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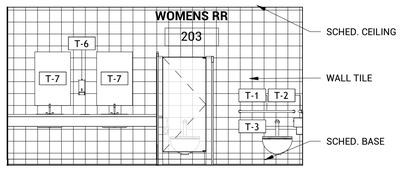
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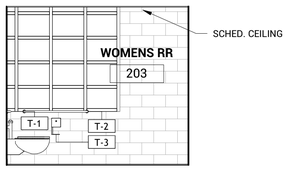
8 LEVEL 2 MEN'S RR
SCALE: 1/4" = 1'-0"



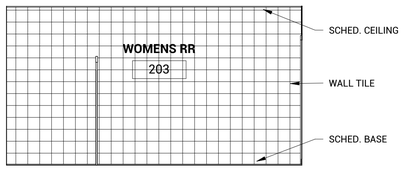
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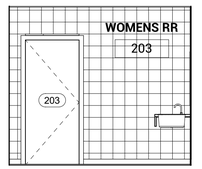
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SCALE: 1/4" = 1'-0"



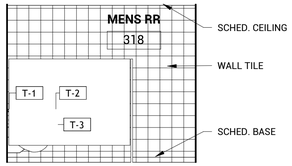
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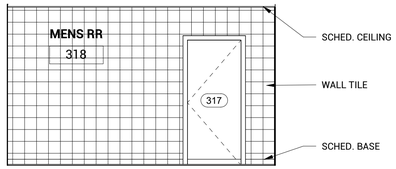
12 LEVEL 2 WOMEN'S RR
SCALE: 1/4" = 1'-0"



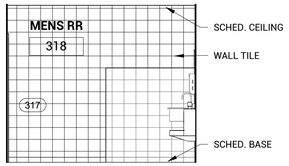
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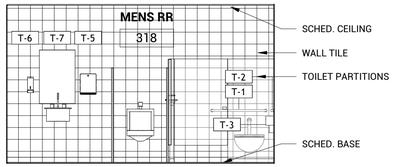
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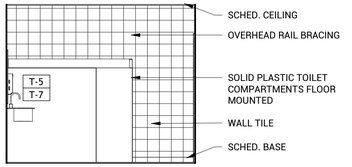
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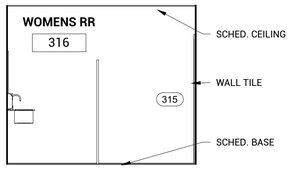
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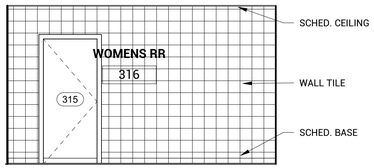
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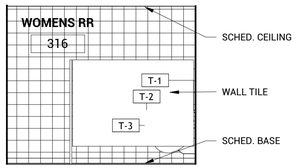
18 JAN
SCALE: 1/4" = 1'-0"



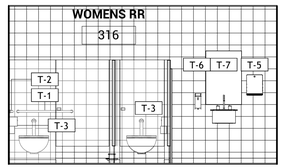
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SCALE: 1/4" = 1'-0"



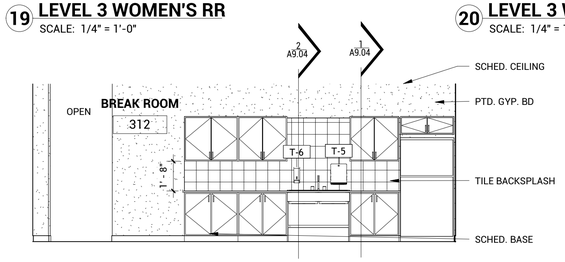
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SCALE: 1/4" = 1'-0"



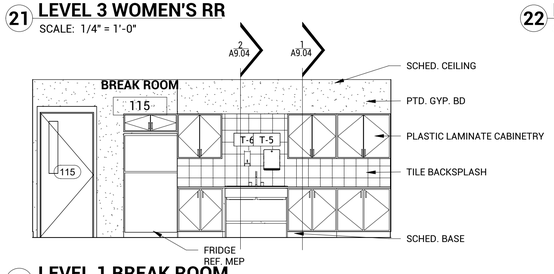
21 LEVEL 3 WOMEN'S RR
SCALE: 1/4" = 1'-0"



22 LEVEL 3 WOMEN'S RR
SCALE: 1/4" = 1'-0"



23 LEVEL 3 BREAK ROOM
SCALE: 1/4" = 1'-0"



24 LEVEL 1 BREAK ROOM
SCALE: 1/4" = 1'-0"

TOILET ACCESSORIES SCHEDULE

TYPE MARK	DESCRIPTION
T-1	36" GRAB BAR
T-2	42" GRAB BAR
T-3	TOILET PAPER DISPENSER
T-4	SANITARY NAPKIN DISPOSAL
T-5	RECESSED PAPER TOWEL ROLL DISPENSER
T-6	LIQUID SOAP DISPENSER
T-7	24" X 36" MIRROR UNIT
T-8	FOLDING SHOWER SEAT
T-9	SHOWER CURTAIN
T-10	24" TOWEL BAR
T-11	ROBE HOOKS
T-12	BABY CHANGING STATION
T-13	MOP HOLDER, 36" L

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REVISIONS

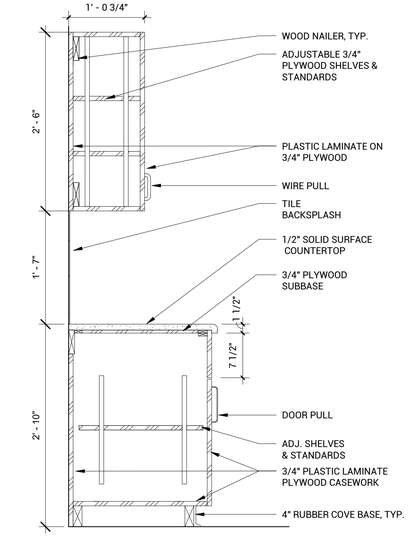
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2025-09

PHASE
DD

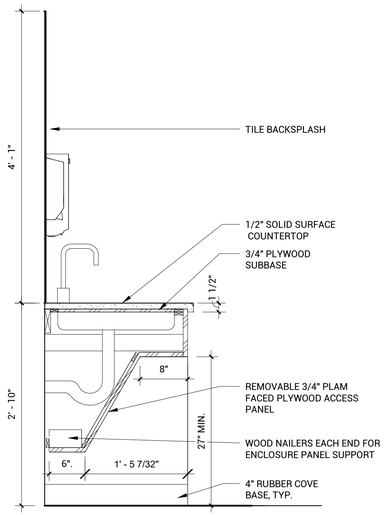
DATE
MARCH 2026

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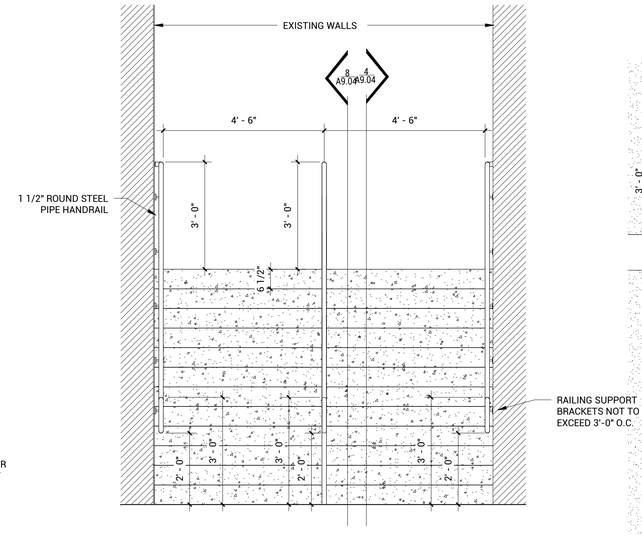
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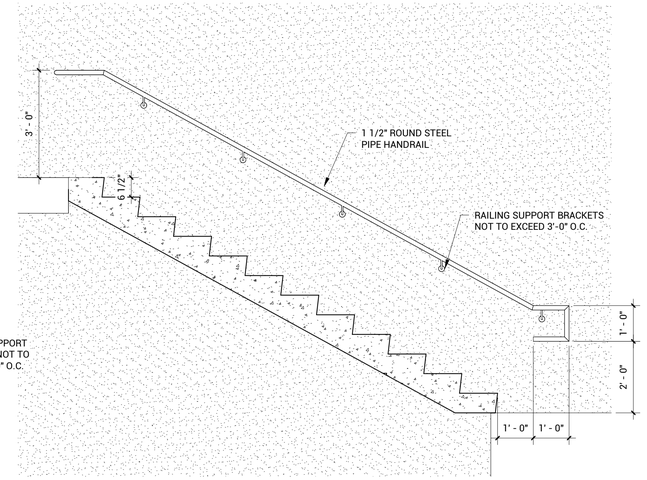
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SCALE: 1" = 1'-0"



2 MILLWORK DETAIL
SCALE: 1" = 1'-0"

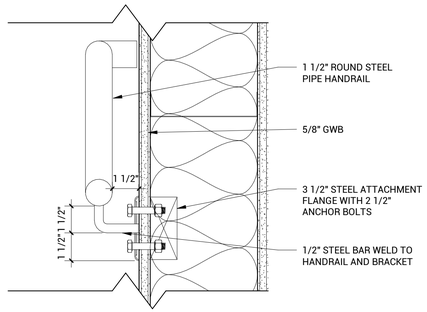


3 ENTRANCE STAIR ELEVATION
SCALE: 1/2" = 1'-0"

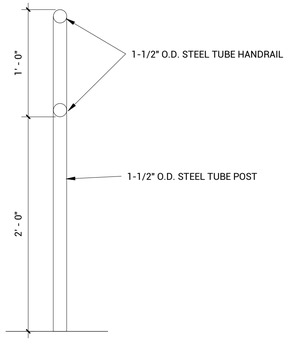


4 ENTRANCE STAIR SECTION
SCALE: 1/2" = 1'-0"

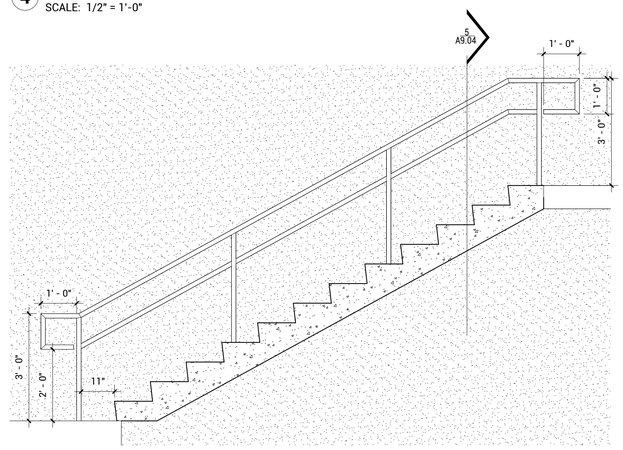
5 ENTRANCE STAIR SECTION
SCALE: 1/2" = 1'-0"



6 IN-WALL HANDRAIL DETAIL
SCALE: 3" = 1'-0"



7 STEEL TUBE RAIL SECTION DETAIL
SCALE: 1 1/2" = 1'-0"



8 ENTRANCE STAIR SECTION
SCALE: 1/2" = 1'-0"

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PROJECT NO.
2025-09

PHASE
DD

DATE
MARCH 2026

DESCRIPTION
MILLWORK DETAILS

A9.04

MECHANICAL SYMBOLS AND ABBREVIATIONS

PIPING SYMBOLS

	SOIL, WASTE OR SANITARY SEWER
	VENT
AW	ACID WASTE
AV	ACID VENT
D	INDIRECT DRAIN
	COLD WATER
	HOT WATER
	HOT WATER RECIRCULATING
180	HOT WATER (TEMP. INDICATED)
SW	SOFT WATER
DI	DEIONIZED WATER
RO	REVERSE OSMOSIS
F	FIRE PROTECTION WATER SUPPLY
G	GAS - LOW PRESSURE
MG	GAS - MEDIUM PRESSURE
HG	GAS - HIGH PRESSURE
GV	GAS VENT
O	OXYGEN
LOX	LIQUID OXYGEN
A	COMPRESSED AIR
A30	COMPRESSED AIR (PRESSURE NOTED)
MA	MEDICAL COMPRESSED AIR
LA	LABORATORY COMPRESSED AIR
HWS	LOW TEMPERATURE HOT WATER SUPPLY
HWR	LOW TEMPERATURE HOT WATER RETURN
SP	AUTOMATIC SPRINKLER
	EXISTING PIPE
(NAME)	PIPE TO BE REMOVED
CHS	CHILLED WATER SUPPLY
CHR	CHILLED WATER RETURN

DUCTWORK SYMBOLS

12/20	DUCT SIZE, FIRST FIGURE IS SIDE SHOWN
	DUCT SECTION, SUPPLY AIR: UP, DOWN
	DUCT SECTION, RETURN AIR OR EXHAUST: UP, DOWN
	DUCT SECTION, OUTSIDE AIR: UP, DOWN
O.S. DN	CHANGE OF ELEVATION, OFFSET, UP OR DOWN (DN)
AD	ACCESS DOORS, VERTICAL OR HORIZONTAL
	FLEXIBLE CONNECTION
	FLEXIBLE DUCT
	TRANSITION
	HIGH EFFICIENCY TAKE-OFF WITH DAMPER, WITHOUT DAMPER
OR	TURNING VANES
VD OBD OR	MANUAL VOLUME DAMPER (TYPE INDICATED)
M	MOTORIZED DAMPER
BDD	BACK DRAFT DAMPER
FD	FIRE DAMPER, VERTICAL
FD	FIRE DAMPER, HORIZONTAL
FSD	FIRE SMOKE DAMPER, VERTICAL
FSD	FIRE SMOKE DAMPER, HORIZONTAL

DUCTWORK SYMBOLS (CONT.)

	OFFSET
	MANUAL SPLITTER
	STANDARD BRANCH, SUPPLY OR RETURN, NO SPLITTER
	TEE WITH SPLITTER DAMPER & PULLROD
A 100	SIDEWALL GRILL OR REGISTER (TYPE INDICATED)
A 100	CEILING GRILL OR REGISTER (TYPE INDICATED)
A 2000	LOUVER (TYPE INDICATED)
A 100 (TYP. OF 2)	MARK AIR QUANTITY (CFM) GRILLE QUANTITY GRILLE IDENTIFICATION

MECHANICAL SYMBOLS

	ANGLE VALVE
	BALL VALVE
	BALANCING VALVE (AS SPECIFIED)
	BUTTERFLY VALVE
	CHECK VALVE (AS SPECIFIED)
	GATE VALVE
	OSSY VALVE WITH TAMPER SWITCH
	GLOBE VALVE
	PRESSURE REDUCING VALVE
	PRESSURE RELIEF VALVE
	SHUT OFF VALVE (AS SPECIFIED)
	THREE WAY VALVE
	REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTER
	DOUBLE CHECK BACKFLOW PREVENTER
G	GEAR (MANUAL)
	LEVER (MANUAL)
	STEM (MANUAL)
S	SOLENOID (ELECTRIC ACTUATOR)
M	MOTOR (ELECTRIC ACTUATOR)
M	MOTOR (PNEUMATIC ACTUATOR)
D	DIAPHRAGM (PNEUMATIC ACTUATOR)
	FLANGED FITTING
	SCREWED FITTING
	WELDED FITTING
	CAP

MECHANICAL SYMBOLS (CONT.)

R	PITCH OF PIPE, RISE (R) DROP (D)
	TURNED UP ELBOW
	TURNED DOWN ELBOW
	CONCENTRIC REDUCER
	ECCENTRIC STRAIGHT CROWN REDUCER
	ECCENTRIC STRAIGHT INVERT REDUCER
	CROSS
	TEE
	OUTLET DOWN TEE
	OUTLET UP TEE
	SCREWED UNION
	FLANGED UNION
	STRAINER W/ BLOW OFF
AV	AUTOMATIC AIR VENT
MV	MANUAL AIR VENT
CWP-1	PUMP (INDICATE USE)
	ALIGNMENT GUIDE
	ANCHOR
	BALL JOINT
EJ-1	EXPANSION JOINT
	EXPANSION LOOP
	FLEXIBLE CONNECTOR
OFM-1	ORIFICE PLATE
VFM-1	VENTURI FLOWMETER
F&T	STEAM TRAPS (INDICATE TYPE)
P	PRESSURE GAUGE AND COCK
	THERMOMETER
	THERMOMETER WELL, ONLY
HB	OUTLET, TYPE INDICATED
WH	WALL HYDRANT OR RECESSED BOX HOSE BIBB
	CLEANOUT PLUG
FCO	FLOOR CLEANOUT
WCO	WALL CLEANOUT
YCO	YARD CLEANOUT OR CLEANOUT TO GRADE
DYCO	DOUBLE YARD CLEANOUT OR CLEANOUT TO GRADE

MECHANICAL SYMBOLS (CONT.)

FD	DRAIN (TYPE NOTED)
HD	HEAT DETECTOR
SD	SMOKE DETECTOR
	UPRIGHT FIRE SPRINKLER HEAD
	PENDANT FIRE SPRINKLER HEAD
	SIDEWALL FIRE SPRINKLER HEAD

CONTROLS

T H	ROOM THERMOSTAT: TEMPERATURE, HUMIDITY
T H	ROOM SENSOR: TEMPERATURE, HUMIDITY
T	REMOTE BULB THERMOSTAT
T	DUCT OR PIPE THERMOSTAT (PROVIDE 12" MIN. LENGTH IN DUCT WHEN SPACE PERMITS)
T	DUCT THERMOSTAT WITH AVERAGING ELEMENT
T	DUCT OR PIPE TEMP. SENSOR (PROVIDE 12" MIN. LENGTH IN DUCT WHEN SPACE PERMITS)
H	DUCT HUMIDITY SENSOR
DP	DUCT DEWPOINT SENSOR
SP	DUCT STATIC PRESSURE SENSOR
T	DUCT TEMP. SENSOR WITH AVERAGING ELEMENT
RS	REFRIGERANT SENSOR
FS	FLOW SWITCH
P	PRESSURE SWITCH
SC	VARIABLE SPEED MOTOR CONTROLLER

DRAWING SYMBOLS

RE: 2M1	REFER TO DETAIL 2, SHT. M-1
RE 1M3	SECTION REFERENCE
AHU-12	EQUIPMENT MARK

NOTE: NOT ALL SYMBOLS OR ABBREVIATIONS MAY BE USED.

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P.E. No. 138485
Firm: Calculated Legacy Consulting Engineers
Firm No. F-24898

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REVISIONS

PROJECT NO.

PHASE
DESIGN DEVELOPMENT

DATE
03/13/2026

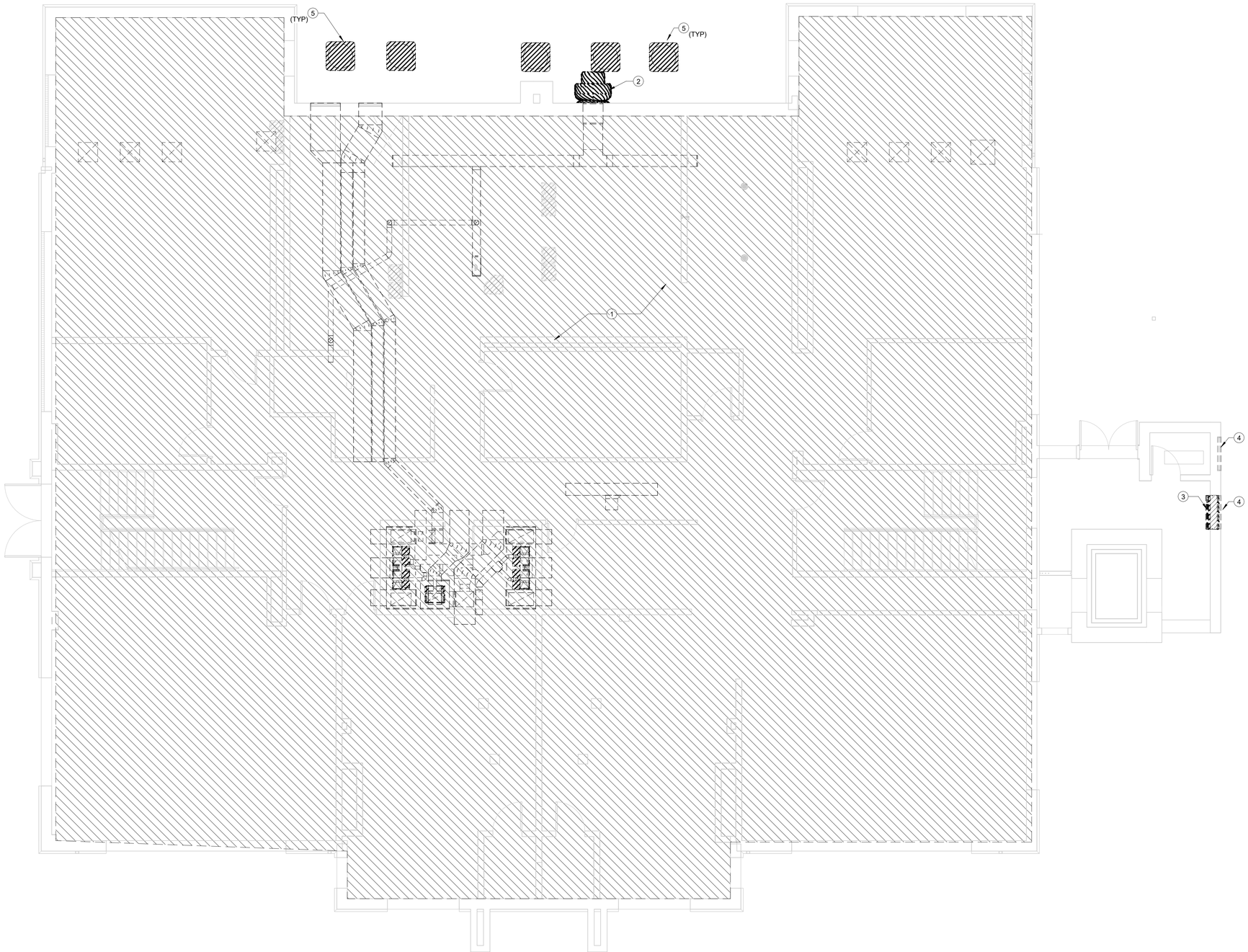
DESCRIPTION
MECHANICAL SYMBOLS & ABBREVIATIONS

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PROJECT # 25085

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F-24898



1 MECHANICAL - LEVEL 1 - DEMOLITION PLAN
SCALE: 3/16" = 1'-0"

GENERAL MECHANICAL DEMOLITION NOTES

1. ALL WORK SHALL BE IN ACCORDANCE WITH THE INTERNATIONAL BUILDING CODE, THE INTERNATIONAL MECHANICAL CODE, AND THE OTHER CODES AND ORDINANCES OF THE AUTHORITY HAVING JURISDICTION.
2. CONTRACTOR SHALL PROVIDE PROTECTIVE COVERING OVER EXISTING FLOORING, FURNITURE AND EQUIPMENT AS REQUIRED WHEN PERFORMING WORK WITHIN AN AREA OR ROOM. CONTRACTOR IS RESPONSIBLE FOR DAMAGE CAUSED TO WALL FINISHES, FLOOR FINISHES, FURNITURE AND EQUIPMENT. REPAIR DAMAGES OR REPLACE TO OWNER'S SATISFACTION AT NO ADDITIONAL COST TO THE OWNER. CONTRACTOR SHALL PROVIDE DUST BARRIERS WHERE REQUIRED TO PROHIBIT THE MIGRATION OF AIRBORNE CONSTRUCTION DUST INTO OTHER OCCUPIED AREAS.
3. CONSTRUCTION ACTIVITIES SHALL NOT IMPEDE OR OBSTRUCT THE MEANS OF EGRESS.
4. ALL EXISTING SYSTEMS/EQUIPMENT SHALL BE REMOVED UNLESS OTHERWISE NOTED.
5. THE CONTRACTOR SHALL THOROUGHLY FAMILIARIZE THEMSELVES WITH THE EXISTING FACILITY PRIOR TO BIDDING. ALL CONSTRUCTION MEANS AND METHODS REQUIRED TO ACCOMMODATE EXISTING CONDITIONS, PROJECT STANDARDS AND SPECIFICATIONS SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
6. THE CONTRACTOR SHALL MAKE AVAILABLE ALL DEMOLISHED EQUIPMENT AND FIXTURES TO THE OWNER. IN THE EVENT THAT THE OWNER REFUSES ANY SAID EQUIPMENT OR FIXTURES, THE CONTRACTOR SHALL DISCARD SAID MATERIALS AT THEIR OWN EXPENSE.

KEYED NOTES (THIS SHEET ONLY)

1 REMOVE ALL INTERIOR DUCTWORK, DUCT ACCESSORIES, HANGERS, SUPPORTS, AIR DEVICES, THERMOSTATS, AIR HANDLERS, NATURAL GAS PIPING, AND ASSOCIATED WIRING AND CONTROLS.
2 REMOVE EXISTING WALL-MOUNTED FAN AND ASSOCIATED WIRING AND CONTROLS.
3 REMOVE EXISTING PTAC AND ALL ASSOCIATED WIRING AND CONTROLS.
4 REMOVE EXISTING LOUVERS. PATCH EXTERIOR TO MATCH.
5 REMOVE EXISTING CONDENSING UNITS, AND ALL ASSOCIATED WIRING, DISCONNECTS, PIPING, AND CONCRETE PADS.

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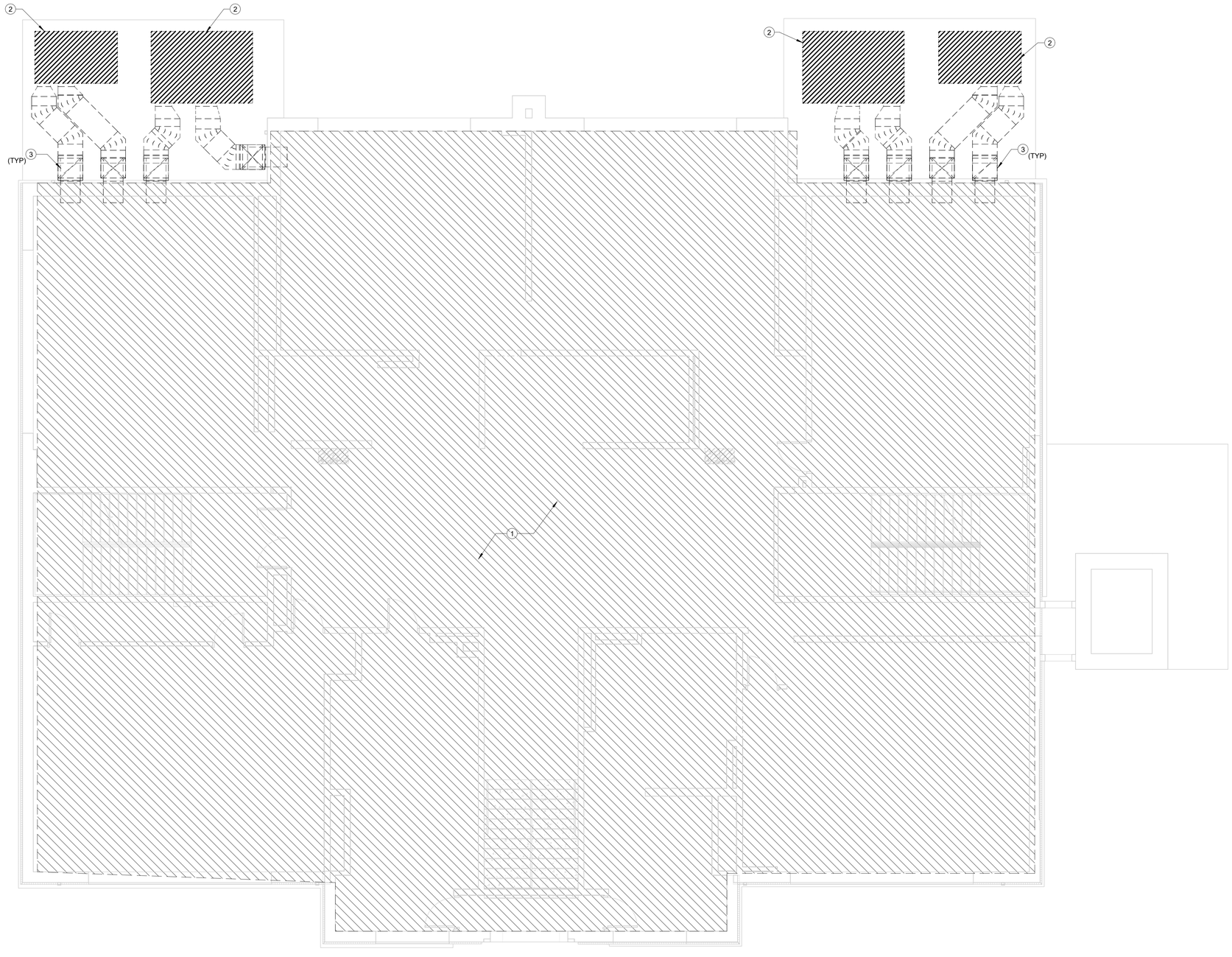
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03/13/2026

DESCRIPTION
MECHANICAL DEMOLITION - LEVEL 1

MD1.11

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1 MECHANICAL - LEVEL 2 - DEMOLITION PLAN
SCALE: 3/16" = 1'-0"

GENERAL MECHANICAL DEMOLITION NOTES

1. ALL WORK SHALL BE IN ACCORDANCE WITH THE INTERNATIONAL BUILDING CODE, THE INTERNATIONAL MECHANICAL CODE, AND THE OTHER CODES AND ORDINANCES OF THE AUTHORITY HAVING JURISDICTION.
2. CONTRACTOR SHALL PROVIDE PROTECTIVE COVERING OVER EXISTING FLOORING, FURNITURE AND EQUIPMENT AS REQUIRED WHEN PERFORMING WORK WITHIN AN AREA OR ROOM. CONTRACTOR IS RESPONSIBLE FOR DAMAGE CAUSED TO WALL FINISHES, FLOOR FINISHES, FURNITURE AND EQUIPMENT. REPAIR DAMAGES OR REPLACE TO OWNER'S SATISFACTION AT NO ADDITIONAL COST TO THE OWNER. CONTRACTOR SHALL PROVIDE DUST BARRIERS WHERE REQUIRED TO PROHIBIT THE MIGRATION OF AIRBORNE CONSTRUCTION DUST INTO OTHER OCCUPIED AREAS.
3. CONSTRUCTION ACTIVITIES SHALL NOT IMPEDE OR OBSTRUCT THE MEANS OF EGRESS.
4. ALL EXISTING SYSTEMS/EQUIPMENT SHALL BE REMOVED UNLESS OTHERWISE NOTED.
5. THE CONTRACTOR SHALL THOROUGHLY FAMILIARIZE THEMSELVES WITH THE EXISTING FACILITY PRIOR TO BIDDING. ALL CONSTRUCTION MEANS AND METHODS REQUIRED TO ACCOMMODATE EXISTING CONDITIONS, PROJECT STANDARDS AND SPECIFICATIONS SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
6. THE CONTRACTOR SHALL MAKE AVAILABLE ALL DEMOLISHED EQUIPMENT AND FIXTURES TO THE OWNER. IN THE EVENT THAT THE OWNER REFUSES ANY SAID EQUIPMENT OR FIXTURES, THE CONTRACTOR SHALL DISCARD SAID MATERIALS AT THEIR OWN EXPENSE.

KEYED NOTES (THIS SHEET ONLY)

1 REMOVE ALL INTERIOR DUCTWORK, DUCT ACCESSORIES, HANGERS, SUPPORTS, AIR DEVICES, THERMOSTATS, AIR HANDLERS, NATURAL GAS PIPING, AND ASSOCIATED WIRING AND CONTROLS.
2 REMOVE EXISTING ROOFTOP UNITS, AND ALL ASSOCIATED DUCTWORK, SUPPORTS, WIRING, CONTROLS, AND NATURAL GAS PIPING.
3 REMOVE ALL EXTERIOR DUCTWORK.

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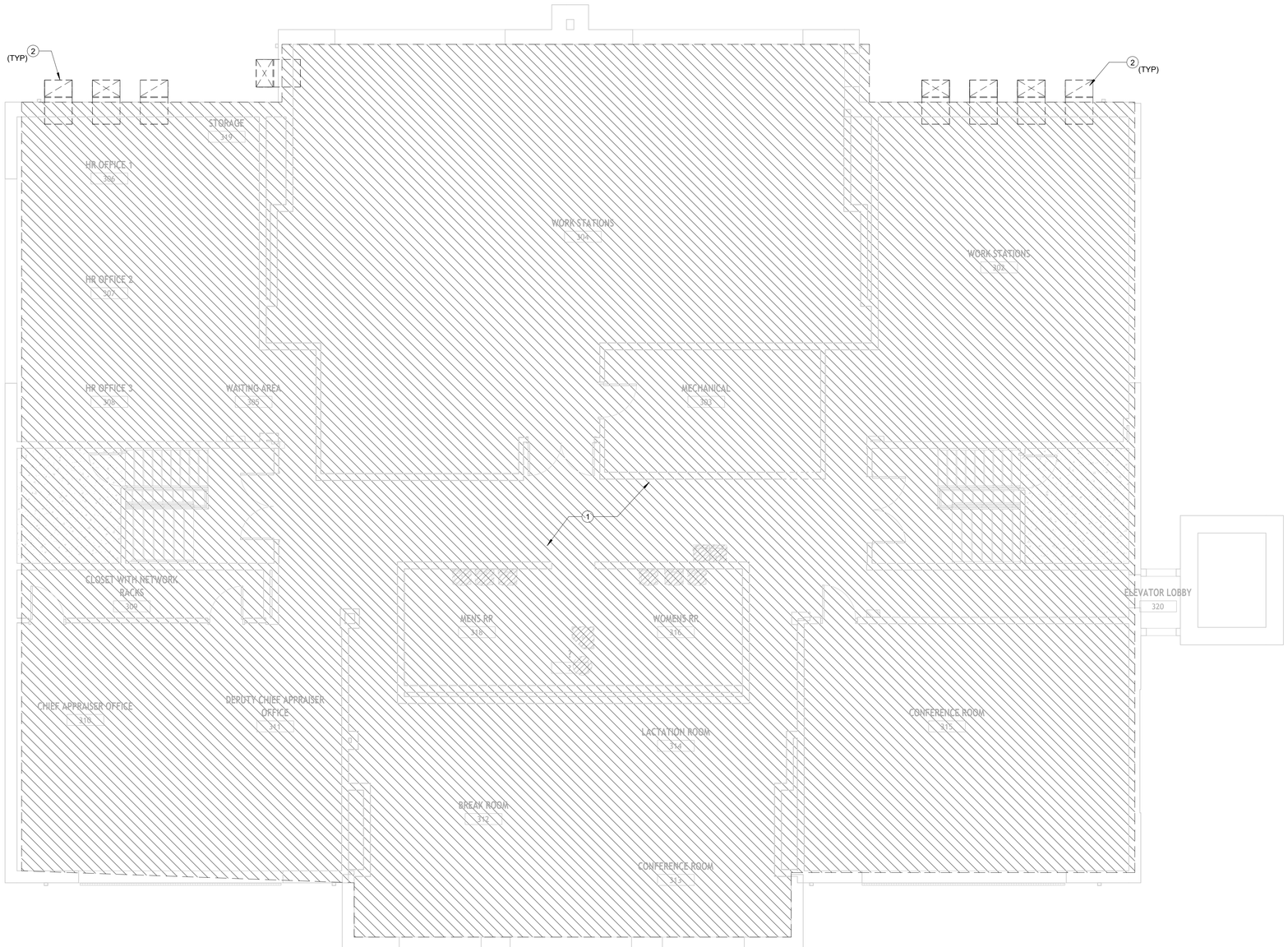
DATE 03/13/2026

DESCRIPTION MECHANICAL DEMOLITION - LEVEL 2

MD1.21

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1 MECHANICAL - LEVEL 3 - DEMOLITION PLAN

SCALE: 3/16" = 1'-0"

GENERAL MECHANICAL DEMOLITION NOTES

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3. CONSTRUCTION ACTIVITIES SHALL NOT IMPEDE OR OBSTRUCT THE MEANS OF EGRESS.
4. ALL EXISTING SYSTEMS/EQUIPMENT SHALL BE REMOVED UNLESS OTHERWISE NOTED.
5. THE CONTRACTOR SHALL THOROUGHLY FAMILIARIZE THEMSELVES WITH THE EXISTING FACILITY PRIOR TO BIDDING. ALL CONSTRUCTION MEANS AND METHODS REQUIRED TO ACCOMMODATE EXISTING CONDITIONS, PROJECT STANDARDS AND SPECIFICATIONS SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
6. THE CONTRACTOR SHALL MAKE AVAILABLE ALL DEMOLISHED EQUIPMENT AND FIXTURES TO THE OWNER. IN THE EVENT THAT THE OWNER REFUSES ANY SAID EQUIPMENT OR FIXTURES, THE CONTRACTOR SHALL DISCARD SAID MATERIALS AT THEIR OWN EXPENSE.

KEYED NOTES

(THIS SHEET ONLY)

1 REMOVE ALL INTERIOR DUCTWORK, DUCT ACCESSORIES, HANGERS, SUPPORTS, AIR DEVICES, THERMOSTATS, AIR HANDLERS, NATURAL GAS PIPING, AND ASSOCIATED WIRING AND CONTROLS.

2 REMOVE ALL EXTERIOR DUCTWORK.

INTERIM REVIEW ONLY
Document incomplete. Not intended for permit, bidding or construction.
Engineer: Emmanuel J. Alvarez
P.E. No. 138485
Firm: Calculated Legacy Consulting Engineers
Firm No. F-24898

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MARY ERSKINE BUILDING RENOVATION
216 E COLLEGE ST.
SEGUIN, TEXAS 78155

REVISIONS

PROJECT NO.

PHASE
DESIGN DEVELOPMENT

DATE
03/13/2026

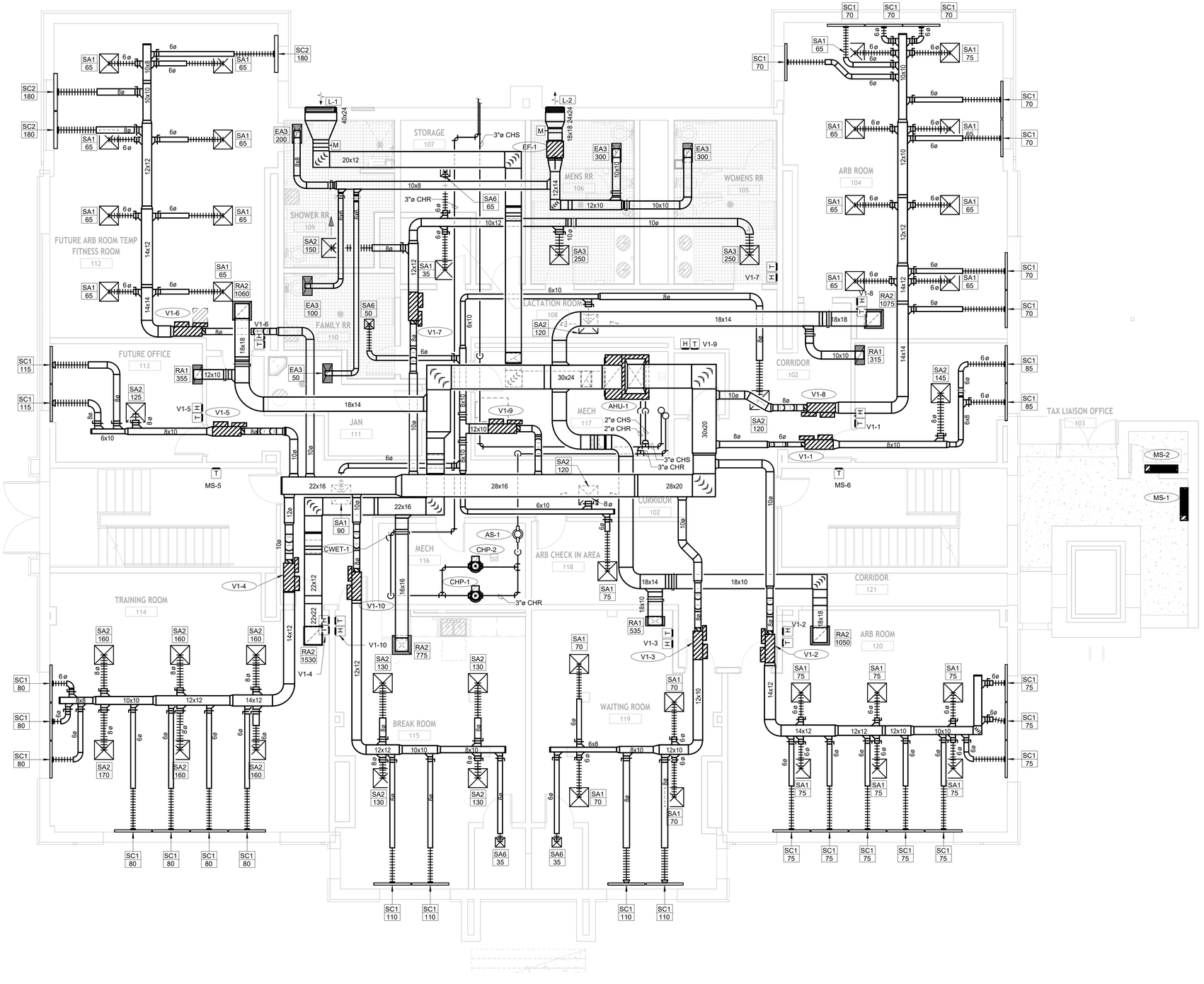
DESCRIPTION
MECHANICAL DEMOLITION - LEVEL 3

MD1.31

PROJECT # 25085

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F-24898



1 MECHANICAL - LEVEL 1 - NEW WORK PLAN
SCALE: 3/16" = 1'-0"

GENERAL MECHANICAL NEW WORK NOTES

1. ALL WORK SHALL BE IN ACCORDANCE WITH THE INTERNATIONAL BUILDING CODE,THE INTERNATIONAL MECHANICAL CODE, AND THE OTHER CODES AND ORDINANCES OF THE AUTHORITY HAVING JURISDICTION.
2. NEW DUCT DIMENSIONS INDICATED ARE INSIDE DIMENSIONS CLEAR.
3. ALL NEW RECTANGULAR SUPPLY AND RETURN DUCTS SHALL HAVE TURNING VANES AT EACH 90 DEGREE ELBOW OR TEE.
4. ALL NEW DUCT SHALL BE SHEETMETAL AND SHALL BE INSTALLED WITH INSULATION AS SPECIFIED.
5. ALL NEW DUCTWORK SHALL BE FABRICATED AND INSTALLED AS PER ASHRAE AND SMACNA STANDARDS.
6. MOUNT ALL NEW THERMOSTATS/SENSORS AT 3'-8" A.F.F.
7. PROVIDE AND INSTALL A VOLUME CONTROL DAMPER ON EACH BRANCH DUCT SERVING A DIFFUSER/REGISTER/GRILLE.
8. COORDINATE ALL NEW DUCTWORK, GRILLES, AND EQUIPMENT WITH ALL TRADES BEFORE INSTALLING.
9. TRANSITION NEW SUPPLY, RETURN AND EXHAUST DUCTS FROM UNIT CONNECTION SIZE TO DUCT SIZE SHOWN.
10. PROVIDE AND INSTALL VIBRATION ISOLATORS ON ANY NEW EQUIPMENT WITH MOVING PARTS.
11. DUCT SMOKE DETECTORS TO BE PROVIDED AND INSTALLED BY THE FIRE ALARM SYSTEMS INSTALLER. COORDINATE WITH MECHANICAL CONTRACTOR. INSTALL DETECTOR IN RETURN DUCT NEAR UNIT CONNECTION. THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR WIRING BETWEEN THE FIRE ALARM LOW VOLTAGE RELAY AND THE HVAC CONTROL EQUIPMENT.
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15. CAREFULLY PROTECT ALL EQUIPMENT AND MATERIAL PRIOR TO INSTALLATION SEE SPECIFICATIONS.
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17. PROVIDE MANUFACTURER'S RECOMMENDED CLEARANCES FOR ALL NEW MECHANICAL EQUIPMENT.
18. SIZE AND ROUTE NEW REFRIGERANT PIPING PER EQUIPMENT MANUFACTURER'S RECOMMENDATIONS.
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KEYED NOTES

(THIS SHEET ONLY)

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Firm: Calculated Legacy Consulting Engineers
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REVISIONS

PROJECT NO.

PHASE: DESIGN DEVELOPMENT

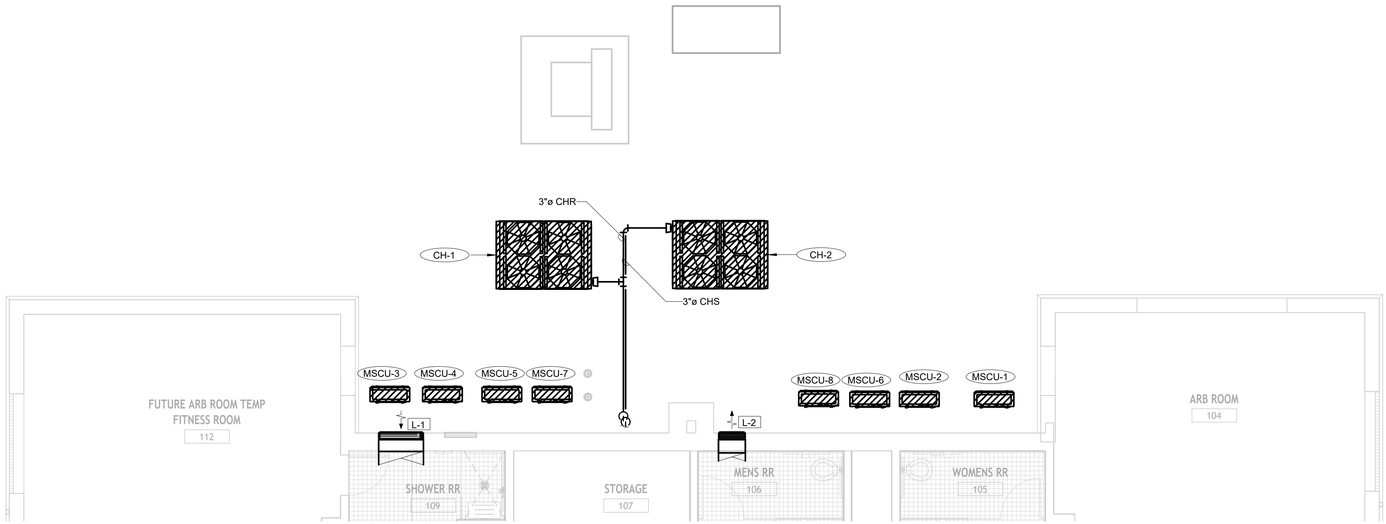
DATE: 03/13/2026

DESCRIPTION: MECHANICAL FIRST FLOOR - NEW WORK

M1.11

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1 MECHANICAL - LEVEL 1 BREEZEWAY - NEW WORK PLAN

SCALE: 3/16" = 1'-0"

GENERAL MECHANICAL NEW WORK NOTES

1. ALL WORK SHALL BE IN ACCORDANCE WITH THE INTERNATIONAL BUILDING CODE,THE INTERNATIONAL MECHANICAL CODE, AND THE OTHER CODES AND ORDINANCES OF THE AUTHORITY HAVING JURISDICTION.
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5. ALL NEW DUCTWORK SHALL BE FABRICATED AND INSTALLED AS PER ASHRAE AND SMACNA STANDARDS.
6. MOUNT ALL NEW THERMOSTATS/SENSORS AT 3'-8" A.F.F.
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KEYED NOTES (THIS SHEET ONLY)

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REVISIONS

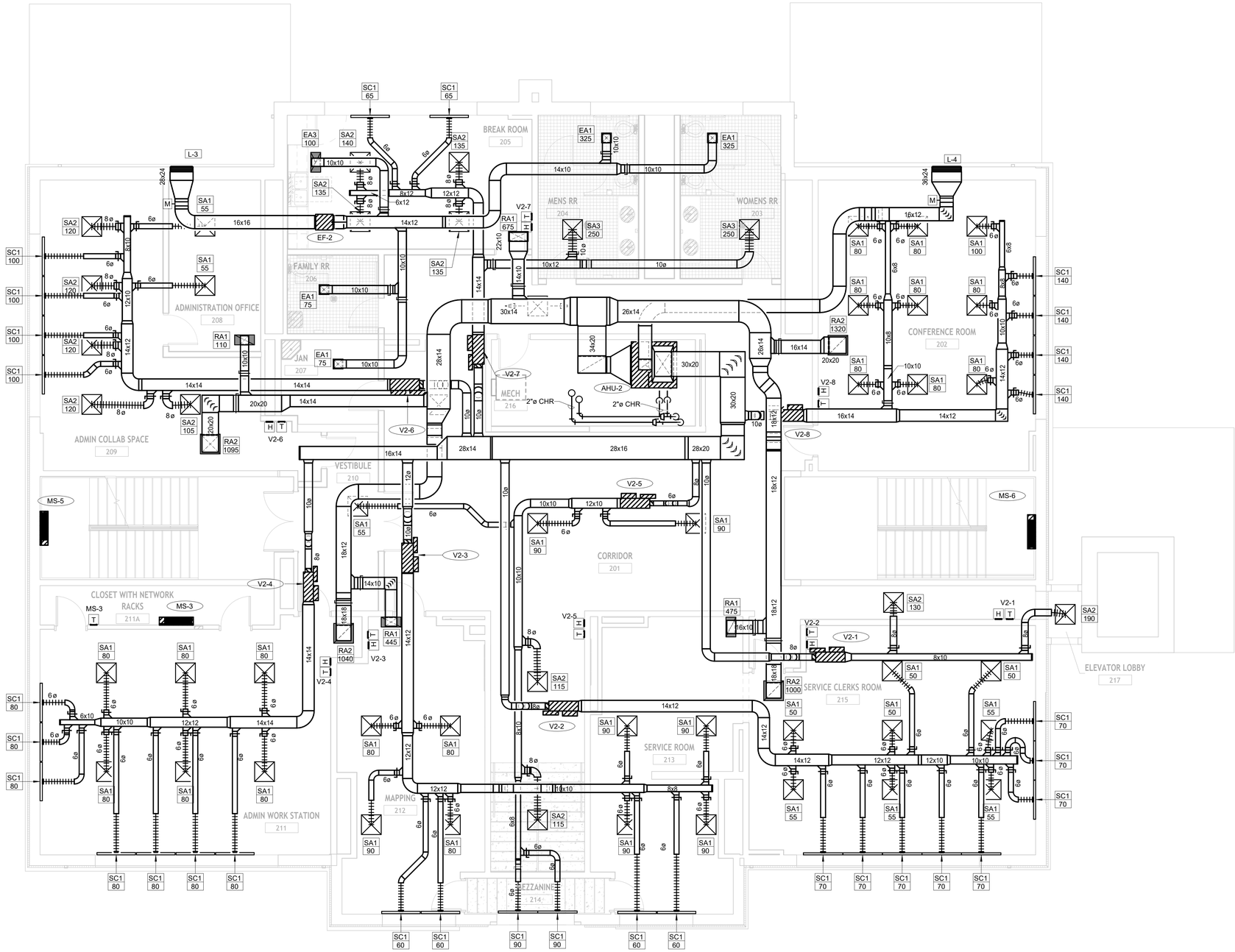
PROJECT NO.

PHASE
DESIGN DEVELOPMENT

DATE
03/13/2026

DESCRIPTION
MECHANICAL BREEZEWAY - NEW WORK

M1.12



1 MECHANICAL - LEVEL 2 - NEW WORK PLAN

SCALE: 3/16" = 1'-0"

GENERAL MECHANICAL NEW WORK NOTES

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KEYED NOTES

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Engineer: Emmanuel J. Alvarez
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SEGUIN, TEXAS 78155

REVISIONS

PROJECT NO.

PHASE DESIGN DEVELOPMENT

DATE 03/13/2026

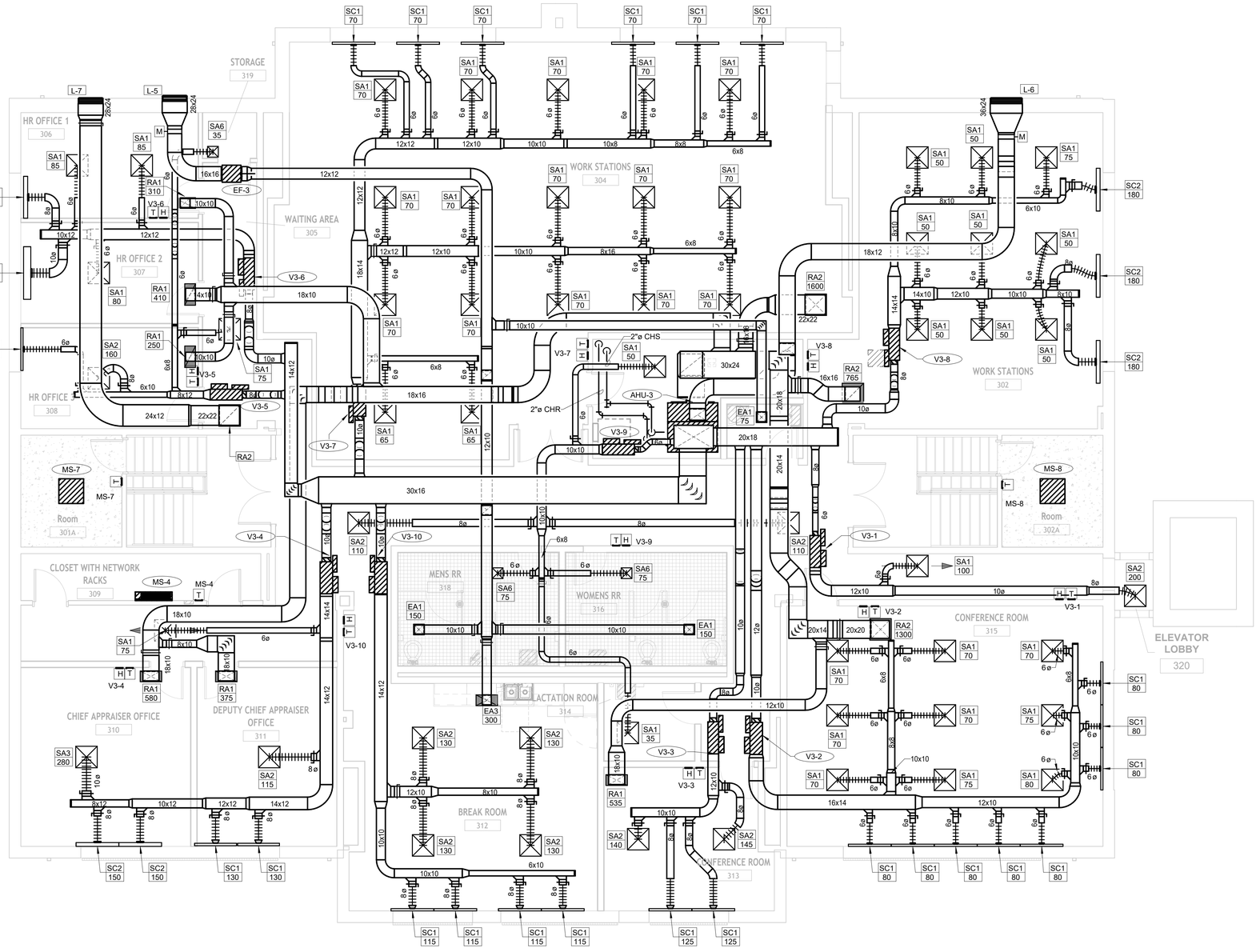
DESCRIPTION MECHANICAL SECOND FLOOR - NEW WORK

M1.21

PROJECT # 25085

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1 MECHANICAL - LEVEL 3 - NEW WORK PLAN

SCALE: 3/16" = 1'-0"

GENERAL MECHANICAL NEW WORK NOTES

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REVISIONS

PROJECT NO.

PHASE
DESIGN DEVELOPMENT

DATE
03/13/2026

DESCRIPTION
MECHANICAL THIRD FLOOR - NEW WORK

PROJECT # 25085
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F-24898

M1.31

AIR COOLED CHILLER SCHEDULE

TAG	TYPE	MANUFACTURER	MODEL NO.	REFRIGERANT TYPE	COOLING CAPACITY (TONS)	MIN. EFFICIENCY EER (BTU/Wh) EER	IPLV.IP	EVAPORATOR FLUID	ENT. FLUID TEMP. (DEG. F)	LVG. FLUID TEMP. (DEG. F)	DESIGN EVAP. FLOW RATE (GPM)	MIN. EVAP FLOW RATE (GPM)	MAX. FLUID PRESS. DROP (FT. W.G.)	FOULING FACTOR	CONDENSER AMBIENT AIR TEMP. (DEG. F)	FAN QTY	COMPRESSOR MIN. REFRIGERANT CIRCUITS	NO. OF COMPRESSORS	UNIT ELEC. POWER (VOLTS/PHASE)	MIN. CIRCUIT AMPACITY	MOCP (AMPS)	MAX FOOTPRINT LxWxH (IN.)	OPER. WEIGHT (LBS)	NOTES
CH-1	MODULAR SCROLL CHILLER	LG	KCHH080HDGC	R-32	38.50	8.99	20.17	WATER	57.0	42.0	61.6	36	10	0.0001	105.0	4	2	4	208 / 3	160	175	87x60x95	2,143	1-10
CH-2	MODULAR SCROLL CHILLER	LG	KCHH080HDGC	R-32	38.50	8.99	20.17	WATER	57.0	42.0	61.6	36	10	0.0001	105.0	4	2	4	208 / 3	160	175	87x60x95	2,143	1-10

NOTES:
1. PROVIDE WITH 115V 20A CONNECTION FOR HEAT TRACE - FIELD INSTALLED BY CONTRACTOR.
2. PROVIDE ELASTOMERIC ISOLATORS.
3. PROVIDE FULL COVERAGE (EVAPORATOR AND CONDENSER) LOUVERED GUARDS.
4. PROVIDE UNIT MOUNTED MICROPROCESSOR CAPABLE OF 30% PER MINUTE FLOW VARIATIONS WITHOUT TRIPS OR ALARMS.
5. PROVIDE BACNET INTERFACE TO DDC CONTROL SYSTEM AND FACTORY MOUNTED IFM FLOW SWITCH.
6. PROVIDE WITH RAPID RESTART CAPABILITY.
7. PROVIDE FACTORY-MOUNTED CIRCUIT BREAKER WITH 65,000A SCWR.
8. UNIT SHALL BE ABLE TO PRODUCE CHILLED WATER IN AMBIENT CONDITIONS BETWEEN 5° TO 115°F.
9. PROVIDE WITH 5 YEAR PARTS, LABOR, AND REFRIGERANT WARRANTY.
10. MIN. EFFICIENCY RATINGS AND COOLING CAPACITY ARE AT 105°F AMBIENT.

AIR HANDLING UNIT SCHEDULE

	AHU-1	AHU-2	AHU-3
UNIT DATA			
MARK	AHU-1	AHU-2	AHU-3
SERVICE	1ST FLOOR	2ND FLOOR	3RD FLOOR
MANUFACTURER	AAON	AAON	AAON
MODEL	V3-E	V3-E	V3-E
TYPE	VAV	VAV	VAV
AIR HANDLER ORIENTATION	VERTICAL	VERTICAL	VERTICAL
SUPPLY / RETURN / OA OPENING LOCATION	TOP / TOP / REAR	TOP / REAR / TOP	TOP / TOP / REAR
OUTSIDE AIR FLOW (CFM)	1,475	1,000	1,200
SUPPLY FAN SECTION			
TYPE	BACKWARDS INCLINED	BACKWARDS INCLINED	BACKWARDS INCLINED
QUANTITY OF FANS	2	2	2
SUPPLY AIR FLOW (CFM)	7,300	6,825	7,425
EXT. STATIC PRESSURE (IN. W.G.)	1.5	1.5	1.5
DRIVE TYPE	DIRECT	DIRECT	DIRECT
MOTOR SIZE (HP)	3	3	3
BRAKE HORSEPOWER (WITH DRIVE LOSSES)	2.71	2.29	2.66
FEI	1.15	1.18	1.15
FAN SPEED (RPM)	1,935	1,828	1,931
VOLTS - PHASE	208 / 3	208 / 3	208 / 3
UNIT FLA	15	15	15
MCA / MOCP	17 / 20	17 / 20	17 / 20
COOLING COIL			
TYPE	CHW	CHW	CHW
AIR FLOW (CFM)	7,300	6,825	7,425
MAX FACE VELOCITY (FPM)	500	500	500.0
MIN. SENSIBLE CAPACITY (MBH)	173.5	148.2	196.9
MIN. TOTAL CAPACITY (MBH)	274.5	216.1	267.9
ENTERING AIR TEMPERATURE (DB / WB) (F)	76.0 / 64.1	75.1 / 62.9	78.3 / 63.9
LEAVING AIR TEMPERATURE (DB / WB) (F)	54.5 / 50.5	54.7 / 51.1	54.5 / 51.1
MAXIMUM ROWS (NOTE 1)	8	8	8
MAXIMUM FINS PER INCH	12	12	12
MAXIMUM AIR P.D. (IN. W.G.)	1.00	1.00	1.00
WATER FLOW (GPM)	37.6	29.7	35.7
ENTERING/LEAVING WATER TEMPERATURE (F)	57 / 42	57 / 42	57 / 42
MAXIMUM WATER P.D. (FT HEAD)	10	10	10
ACCESSORIES			
SECTIONS:			
	MIXING BOX	MIXING BOX	MIXING BOX
	FILTER SECTION	FILTER SECTION	FILTER SECTION
	ACCESS	ACCESS	ACCESS
	COOLING COIL	COOLING COIL	COOLING COIL
	ACCESS	ACCESS	ACCESS
	B.C. PLENUM SA FANS	B.C. PLENUM SA FANS	B.C. PLENUM SA FANS
CONFIGURATION REQ'S:			
CONTROL VALVE TYPE: (CHW/HW)	2-WAY/CHW	2-WAY/CHW	3-WAY/CHW
MAX FILTER FACE VELOCITY (FPM)	475	475	475
VARIABLE FREQUENCY DRIVE:	YES - 2	YES - 2	YES - 2
DUCT SMOKE DETECTOR (SUPPLY OR RETURN)	RETURN	RETURN	RETURN
APPROX. OPERATING WEIGHT	1,622	1,622	1,622
NOTES:	1-8	1-8	1-8

NOTES:
1. IF COOLING COIL EXCEEDS 6 TOTAL ROWS, PROVIDE TWO COILS </= 6 ROWS WITH ACCESS SECTION BETWEEN.
2. PROVIDE ACCESS SECTIONS W/16" WIDE DOORS.
3. PROVIDE MIXING BOX WITH MODULATING OA AND RA DAMPERS.
4. PROVIDE AIRFLOW MEASURING STATION EQUAL TO PARAGON FE INSTALLED IN OUTSIDE AIR DUCT.
5. UNIT CASING SHALL BE DOUBLE WALL CONSTRUCTION WITH INJECTED FOAM INSULATION. PROVIDE 5" BASE RAIL WITH FORK-LIFTABLE SLOTS.
6. PROVIDE 2" MERV 8 PREFILTER AND 4" MERV 14 FINAL FILTER IN FILTER SECTION AND CONDENSATE SWITCH IN DRAIN PAN.
7. PROVIDE NEW 3-1/2" THICK CONCRETE HOUSEKEEPING PAD. PAD SHALL EXTEND 6 INCHES ON ALL SIDES OF EQUIPMENT. RE: SPECIFICATIONS 23 05 00 & 23 05 29 FOR ADDITIONAL REQUIREMENTS.
8. NEW DUCT SMOKE DETECTOR FURNISHED AND INSTALLED BY DIV. 28 CONTRACTOR SHALL BE INSTALLED IN RETURN

SINGLE DUCT VAV TERMINAL UNIT SCHEDULE

TAG	RTU	MANUFACTURER	MODEL	INLET SIZE (IN)	INLET PRESSURE (IN. W.G.)	DOWNSTREAM PRESSURE (IN. WG)	MAX. PRIMARY CFM	MIN. PRIMARY CFM	HEATING CFM	HEATING KW	STAGES	EAT °F	LAT °F	VOLTS - PHASE	MCA	MOP	MAX DISCHARGE (NC)	MAX RADIATED (NC)	WEIGHT	NOTES
V1-1	AHU-1	Price	SDV	6	1.0	0.25	315	160	160	1.8	SCR	55	90	208-3	6.8	15	24	--	38	1-4
V1-2	AHU-1	Price	SDV	8	1.0	0.25	1,050	525	525	5.8	SCR	55	90	208-3	21.9	25	33	28	42	1-4
V1-3	AHU-1	Price	SDV	8	1.0	0.25	535	265	265	2.9	SCR	55	90	208-3	11.0	15	24	--	42	1-4
V1-4	AHU-1	Price	SDV	10	1.0	0.25	1,530	750	750	8.3	SCR	55	90	208-3	31.4	35	26	24	50	1-4
V1-5	AHU-1	Price	SDV	8	1.0	0.25	355	175	175	1.9	SCR	55	90	208-3	7.2	15	--	--	42	1-4
V1-6	AHU-1	Price	SDV	8	1.0	0.25	1,060	525	525	5.8	SCR	55	90	208-3	21.9	25	31	26	42	1-4
V1-7	AHU-1	Price	SDV	8	1.0	0.25	750	750	750	8.3	SCR	55	90	208-3	31.4	35	26	21	42	1-4
V1-8	AHU-1	Price	SDV	8	1.0	0.25	1,075	550	550	6.1	SCR	55	90	208-3	23.1	25	33	28	42	1-4
V1-9	AHU-1	Price	SDV	8	1.0	0.25	575	300	300	3.3	SCR	55	90	208-3	12.5	15	25	--	42	1-4
V1-10	AHU-1	Price	SDV	8	1.0	0.25	775	350	350	3.9	SCR	55	90	208-3	14.8	15	28	22	42	,1-4
V2-1	AHU-2	Price	SDV	6	1.0	0.25	320	160	160	0.7	SCR	55	90	208-1	4.6	15	--	--	38	1-4
V2-2	AHU-2	Price	SDV	8	1.0	0.25	1,000	500	500	5.5	SCR	55	90	208-3	20.8	25	31	26	42	1-4
V2-3	AHU-2	Price	SDV	10	1.0	0.25	930	465	465	5.2	SCR	55	90	208-3	19.7	20	20	--	50	1-4
V2-4	AHU-2	Price	SDV	8	1.0	0.25	1,040	525	525	5.8	SCR	55	90	208-3	21.9	25	31	26	42	1-4
V2-5	AHU-2	Price	SDV	8	1.0	0.25	825	400	400	4.4	SCR	55	90	208-3	16.6	20	29	22	42	1-4
V2-6	AHU-2	Price	SDV	10	1.0	0.25	1,095	575	575	6.4	SCR	55	90	208-3	24.2	25	22	20	50	1-4
V2-7	AHU-2	Price	SDV	10	1.0	0.25	1,175	600	600	6.6	SCR	55	90	208-3	25.0	25	23	21	50	1-4
V2-8	AHU-2	Price	SDV	10	1.0	0.25	1,300	650	650	7.5	SCR	55	90	208-3	28.4	30	24	21	50	1-4
V3-1	AHU-3	Price	SDV	6	1.0	0.25	300	150	150	1.7	SCR	55	90	208-3	6.4	15	24	--	38	1-4
V3-2	AHU-3	Price	SDV	10	1.0	0.25	1,300	650	650	7.2	SCR	55	90	208-3	27.2	30	24	21	50	1-4
V3-3	AHU-3	Price	SDV	8	1.0	0.25	560	280	280	3.1	SCR	55	90	208-3	11.7	15	24	--	42	1-4
V3-4	AHU-3	Price	SDV	10	1.0	0.25	1,050	525	525	5.8	SCR	55	90	208-3	21.9	25	21	--	50	1-4
V3-5	AHU-3	Price	SDV	8	1.0	0.25	650	325	325	3.6	SCR	55	90	208-3	13.6	15	26	--	42	1-4
V3-6	AHU-3	Price	SDV	8	1.0	0.25	425	225	225	2.5	SCR	55	90	208-3	9.5	15	20	--	42	1-4
V3-7	AHU-3	Price	SDV	10	1.0	0.25	1,600	800	800	8.9	SCR	55	90	208-3	33.7	35	26	24	50	1-4
V3-8	AHU-3	Price	SDV	8	1.0	0.25	1,025	525	525	5.8	SCR	55	90	208-3	21.9	25	31	26	42	1-4
V3-9	AHU-3	Price	SDV	6	1.0	0.25	390	390	390	4.3	SCR	55	90	208-3	16.3	20	28	23	38	1-4
V3-10	AHU-3	Price	SDV	10	1.0	0.25	980	490	490	5.4	SCR	55	90	208-3	20.4	25	21	--	50	1-4

NOTES:
1. PROVIDE STEP DOWN TRANSFORMER WITH 24V SECONDARY POWER IN TERMINAL UNIT CONTROL PANEL. RE: LISTED VOLTAGE REQUIREMENTS ABOVE.
2. PROVIDE UNIT LINER: 1" THICK, MATTE FACED DUAL DENSITY FIBERGLASS INSULATION.
3. REFER TO PLANS TO DETERMINE "HANDEDNESS" OF TERMINAL UNIT.
4. PROVIDE INTEGRAL DISCONNECT AND DOOR INTERLOCK DISCONNECT.

AIR SEPARATOR SCHEDULE

TAG	SERVICE	LOCATION	MAX. FLOW (GPM)	MAX. P.D. (FT)	MAX. WORKING PRESSURE (PSI)	MAX. WORKING TEMP. (F)	CONN. SIZE (IN.)	APPROX. WEIGHT (LBS)	MFR.	MODEL	NOTES
AS-1	CHILLED WATER SYSTEM	MECHANICAL ROOM	124	1	150	57	3	485	SPIROTHERM	VDN300FA	1 - 3

NOTES:
1. PROVIDE WITH FLANGED FITTINGS.
2. UNITS SHALL BE COMPLETELY INSULATED AS PER SPECS.
3. PROVIDE WITH REMOVABLE COVER.

FILTER FEEDER SCHEDULE

TAG	FF-1
MAXIMUM OPERATING PRESSURE (PSIG)	150
INLET/OUTLET SIZE (IN.)	2
NO. OF SAMPLING PORTS	2
DRAIN SIZE	3/4
MANUFACTURER	SHELCO
MODEL	4FOS1
NOTES	1 - 3

1. PROVIDE WITH 2 REPLACEABLE CARTRIDGES.
2. PROVIDE WITH AUTOMATIC FLOW CONTROL VALVE.
3. PROVIDE WITH SITE FLOW INDICATOR.

EXPANSION TANK SCHEDULE

EQUIPMENT TAG	CWET-1
SERVICE	CHILLED WATER SYSTEM
MIN ACCEPTANCE VOLUME (GAL.)	2.71
MIN. TANK VOLUME (GAL.)	4.43
ACTUAL TANK VOLUME (GAL.)	11
MIN. SYSTEM TEMP. (DEG. F)	40
MAX SYSTEM TEMP. (DEG. F)	90
MAX SYSTEM PRESSURE (PSI)	125
WEIGHT (DRY) (LBS)	42
FLOODED WEIGHT (LBS)	125
MANUFACTURER	WESSELS
MODEL	NLAP-40
NOTES:	1

NOTES:
1. PROVIDE FULL ACCEPTANCE BLADDER TYPE TANK IN VERTICAL

PUMP SCHEDULE

MARK	CHP-1, CHP-2
SERVICE	CW PRIMARY
TYPE	SPLIT COUPLE V. INLINE
WATER TEMPERATURE (F)	42
DESIGN WATER FLOW (GPM)	123.1
DESIGN HEAD (FT)	75
MINIMUM EFFICIENCY (%)	58.6
IMPELLER DIA. (IN)	9.48
SHUT-OFF HEAD (FT)	90.15
MAXIMUM FLOW (GPM)	160
PRESSURE AT MAX. FLOW (FT)	62
DESIGN BRAKE HP	3.98
MOTOR SIZE (HP)	5
MOTOR SPEED (RPM)	1800
VOLTS / PHASE	208 / 3
MFGR	GRUNDFOS
MODEL #	20955-4P-5HP VLSC
NOTES:	1-3

NOTES:
1. PROVIDE WITH MOTOR-MOUNTED VARIABLE FREQUENCY DRIVE.
2. SEE DETAIL AND SCHEMATICS FOR MOUNTING AND ACCESSORIES.
3. PROVIDE SHAFT GROUNDING RING.

FAN SCHEDULE

MARK	SERVICE	TYPE	WHEEL /BLADE TYPE	AIR FLOW (CFM)	EXTERNAL STATIC PRESSURE (IN. W.G.)	INLET SOUND LEVEL (SONES)	DRIVE TYPE	FAN SPEED (RPM)	OPERATING POWER (BHP)	MOTOR SIZE (HP)	VOLTS / PHASE	FAN CONTROL	OPERATING WEIGHT (LBS)	MFGR	MODEL #	NOTES:
EF-1	FLOOR 1 GEN. EXHAUST	INLINE	CENTRIFUGAL	1250	0.55	7.6	DIRECT	1241	0.23	3 / 4	115 / 1	OCCUPANCY SCHEDULE	75	GREENHECK	SQ-130-VG	1-4
EF-2	FLOOR 2 GEN. EXHAUST	INLINE	CENTRIFUGAL	900	0.55	6.2	DIRECT	1182	0.15	1 / 2	115 / 1	OCCUPANCY SCHEDULE	65	GREENHECK	SQ-120-VG	1-4
EF-3	FLOOR 3 GEN. EXHAUST	INLINE	CENTRIFUGAL	675	0.55	4.9	DIRECT	1058	0.11	1 / 2	115 / 1	OCCUPANCY SCHEDULE	65	GREENHECK	SQ-120-VG	1-4

NOTES:
1. PROVIDE WITH PREWIRED DISCONNECT.
2. PROVIDE WITH EC MOTOR.
3. PROVIDE WITH STANDALONE EC FAN SPEED CONTROLLER FOR BALANCING OF FAN.
4. PROVIDE WITH GRAVITY BACKDRAFT DAMPER.

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PROJECT NO.

PHASE DESIGN DEVELOPMENT

DATE 03/13/2026

DESCRIPTION MECHANICAL SCHEDULES

PROJECT # 25085
CL Consulting Engineers
MEP ENGINEERING | COMMISSIONING
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M2.01

AIR DEVICE SCHEDULE

MARK	SA	RA	EXH	FACE SIZE	TAP/DUCT CONN SIZE	CFM RANGE	THROW PATTERN	MAXIMUM NC RATING	THROW DIST. (FT) @ (50FPM)	PRICE(*) MODEL#	DAMPER	FINISH	REMARKS
SA1	+			24x24	6" RD	1-100	4-WAY	25	5	SPD	NO	WHITE	ROUND INLET; STEEL; WHITE; W/ THERMAL BACKPAN BLANKET
SA2	+			24x24	8" RD	101-225	4-WAY	25	7	SPD	NO	WHITE	ROUND INLET; STEEL; WHITE; W/ THERMAL BACKPAN BLANKET
SA3	+			24x24	10" RD	226-400	4-WAY	25	7	SPD	NO	WHITE	ROUND INLET; STEEL; WHITE; W/ THERMAL BACKPAN BLANKET
SA4	+			24x24	12" RD	401-600	4-WAY	25	10	SPD	NO	WHITE	ROUND INLET; STEEL; WHITE; W/ THERMAL BACKPAN BLANKET
SA5	+			24x24	14" RD	601-900	4-WAY	25	12	SPD	NO	WHITE	ROUND INLET; STEEL; WHITE; W/ THERMAL BACKPAN BLANKET
SA6	+			12x12	6" RD	1-100	4-WAY	25	5	SPD	NO	WHITE	ROUND INLET; STEEL; WHITE; W/ THERMAL BACKPAN BLANKET
SA7	+			12x12	8" RD	101-225	4-WAY	25	7	SPD	NO	WHITE	ROUND INLET; STEEL; WHITE; W/ THERMAL BACKPAN BLANKET
SA8	+			12x12	10" RD	226-400	4-WAY	25	7	SPD	NO	WHITE	ROUND INLET; STEEL; WHITE; W/ THERMAL BACKPAN BLANKET
SB1	+			26x8	24x6	0-445	15 DEGREE DEF	25	18	LBP	NO	WHITE	ALUMINUM; 1/2" BLADE SPACING, 1/8" BARS; 15° DEFLECTION
SC1	+			48x2-1/2	5" RD	0-140	ICE-TONG	26	7 VERT.	SDS+SDA	NO	BLACK	ALUMINUM; 1 SLOT, 1" SLOT SPACING; ICE-TONG CONTROL; INSULATED PLENUM
SC2	+			48x4-1/4	7" RD	141-225	ICE-TONG	25	7 VERT.	SDS+SDA	NO	BLACK	ALUMINUM; 1 SLOT, 1" SLOT SPACING; ICE-TONG CONTROL; INSULATED PLENUM
SC3	+			48x7-3/4	10" RD	226-440	ICE-TONG	31	9 VERT.	SDS+SDA	NO	BLACK	ALUMINUM; 1 SLOT, 1" SLOT SPACING; ICE-TONG CONTROL; INSULATED PLENUM
SC4	+			60x7-3/4	10" RD	441 - 600	ICE-TONG	20	9 VERT.	SDS+SDA	NO	BLACK	ALUMINUM; 1 SLOT, 1" SLOT SPACING; ICE-TONG CONTROL; INSULATED PLENUM
SD1	+			8x8	6x6	1-100	ADJ DBL DEF	25	10	510	NO	WHITE	STEEL; 3/4" BLADE SPACING; ADJUSTABLE DOUBLE DEFLECTION BLADES
SD2	+			14x8	12x6	100-275	ADJ DBL DEF	19	15	510	NO	WHITE	STEEL; 3/4" BLADE SPACING; ADJUSTABLE DOUBLE DEFLECTION BLADES
SD3	+			14x12	12x10	276-415	ADJ DBL DEF	17	18	510	NO	WHITE	STEEL; 3/4" BLADE SPACING; ADJUSTABLE DOUBLE DEFLECTION BLADES
RA1		+		24x12	22x10	1-600	N/A	25	N/A	80	NO	WHITE	1/2"x1/2"X1" EGGCRATE CORE; ALUMINUM
RA2		+		24x24	22x22	601-2000	N/A	30	N/A	80	NO	WHITE	1/2"x1/2"X1" EGGCRATE CORE; ALUMINUM
RB1		+		14x14	12x12	1-450	N/A	25	N/A	635	NO	WHITE	ALUMINUM; 1/2" BLADE SPACING; 45 DEGREE DEFLECTION
RB2		+		20x14	18x12	451-600	N/A	25	N/A	635	NO	WHITE	ALUMINUM; 1/2" BLADE SPACING; 45 DEGREE DEFLECTION
RB3		+		22x20	20x18	601-1000	N/A	25	N/A	635	NO	WHITE	ALUMINUM; 1/2" BLADE SPACING; 45 DEGREE DEFLECTION
RB4		+		26x20	24x18	1001-1125	N/A	25	N/A	635	NO	WHITE	ALUMINUM; 1/2" BLADE SPACING; 45 DEGREE DEFLECTION
RB5		+		38x26	36x24	1126-2200	N/A	25	N/A	635	NO	WHITE	ALUMINUM; 1/2" BLADE SPACING; 45 DEGREE DEFLECTION
RB6		+		34x32	32x30	2201-3750	N/A	40	N/A	635	NO	WHITE	ALUMINUM; 1/2" BLADE SPACING; 45 DEGREE DEFLECTION
EA1			+	12x12	10x10	1-400	N/A	25	N/A	80	YES	WHITE	1/2"x1/2"X1" EGGCRATE CORE; ALUMINUM
EA2			+	24x12	22x10	1-290	N/A	25	N/A	80	YES	WHITE	1/2"x1/2"X1" EGGCRATE CORE;ALUMINUM
EA3			+	24x24	22x22	401-2000	N/A	30	N/A	80	YES	WHITE	1/2"x1/2"X1" EGGCRATE CORE; ALUMINUM

* PRICE IS BASIS OF DESIGN.

GENERAL NOTES:

1. FRAMES SHALL BE SUITABLE FOR CEILING OR FINISH TYPE. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN DOCUMENTS.
2. PROVIDE SQUARE TO ROUND ADAPTERS WHERE REQUIRED.
3. SEE PLANS FOR ADDITIONAL NOTES ON SPECIFIC ACCESSORIES OR INSTALLATION REQUIREMENTS.
4. EXPOSED AIR DEVICES SHALL BE PAINTED AS PER ARCHITECTS PREFERENCES.
5. IN AREAS WITH INACCESSIBLE CEILINGS, PROVIDE CABLE-OPERATED OPPOSED-BLADE BALANCING DAMPERS IN THE ASSOCIATED BRANCH DUCTWORK IN LIEU OF STANDARD BALANCING

MINI-SPLIT AIR CONDITIONING SYSTEM SCHEDULE

INDOOR UNIT								
MARK	MS-1	MS-2	MS-3	MS-4	MS-5	MS-6	MS-7	MS-8
SERVICE	ENTRY	ELEV EQ RM	NETWORKING CLOSET	IDF ROOM	W STAIR	E STAIR	ROOM 301A	ROOM 302A
UNIT TYPE	WALL MOUNT	WALL MOUNT	WALL MOUNT	WALL MOUNT	WALL MOUNT	WALL MOUNT	CEILING CASSETTE	CEILING CASSETTE
HIGH SPD. AIR FLOW (CFM)	282	268	919	919	919	919	335	335
OUTSIDE AIR FLOW (CFM)	-	-	-	-	-	-	-	-
VOLTS/PH./HZ. MIN. CKT. AMPS PROTECTION RATING AMPS	SEE NOTE 4	SEE NOTE 4	SEE NOTE 4	SEE NOTE 4	SEE NOTE 4	SEE NOTE 4	SEE NOTE 4	SEE NOTE 4
COOLING TOTAL CAPACITY (MIN.) (BTUH)	10,500	6,100	24,000 NOMINAL	24,000 NOMINAL	20,000	19,000	2,500	2,700
COOLING ENT. AIR TEMP (D.B./W.B.) (°F)	73.3 / 60.0	72.9 / 59.0	-	-	74.7 / 61.0	74.9 / 62.8	75.2 / 61.2	75.4 / 63.2
COOLING LVG. AIR TEMP (D.B./W.B.) (°F)	55.0 / 52.2	55.0 / 51.7	-	-	55.0 / 52.6	55.0 / 53.2	55.0 / 52.5	55.0 / 53.2
HEATING TOTAL CAPACITY (MIN.) (BTUH)	11,800	7,000	-	-	22,200	19,100	2,800	2,600
HEATING ENT. AIR TEMP (D.B./W.B.) (°F)	67.3	68.4	-	-	65.6	64.1	64.3	63.8
HEATING LVG. AIR TEMP (D.B./W.B.) (°F)	90.0	90.0	-	-	90.0	90.0	90.0	90.0
WEIGHT	20	20	40	40	40	40	30	30
MANUFACTURER	LG	LG	LG	LG	LG	LG	LG	LG
MODEL	KNUAB121A	KNUAB091A	KNSAP241A	KNSAP241A	KNSAP241A	KNSAP241A	KNUDB121A	KNUDB121A
CONDENSING UNIT								
MARK	MSCU-1	MSCU-2	MSCU-3	MSCU-4	MSCU-5	MSCU-6	MSCU-7	MSCU-8
LOCATION	ROOF	ROOF	ROOF	ROOF	ROOF	ROOF	ROOF	ROOF
REFRIGERANT	R32	R32	R32	R32	R32	R32	R32	R32
COOLING AMBIENT AIR TEMP (°F)	105	105	105	105	105	105	105	105
HEATING AMBIENT AIR TEMP (°F)	24	24	-	-	24	24	24	24
VOLTS/PH/HZ	208 / 1	208 / 1	208 / 1	208 / 1	208 / 1	208 / 1	208 / 1	208 / 1
MIN. CKT. AMPS	12.0	12.0	19.0	19.0	19.0	19.0	13.4	13.4
PROTECTION RATING AMPS	15	15	30	30	30	30	15	15
SEER (@ARI CONDITIONS)	18	18	18	18	18	18	18	18
WEIGHT	70	70	140	140	140	140	80	80
MANUFACTURER	LG	LG	LG	LG	LG	LG	LG	LG
MODEL	KUSAB121A	KUSAB091A	KUSAP241A	KUSAP241A	KUSAP241A	KUSAP241A	KUSXB121A	KUSXB121A
NOTES	1 - 7	1 - 7	1 - 7	1 - 7	1 - 7	1 - 7	1 - 7	1 - 7

NOTES:

1. PROVIDE WITH WIRED, WALL-MOUNTED CONTROLLER.
2. PROVIDE WITH REFRIGERANT LINE SETS; CONFIRM SIZES/LENGTHS WITH MANUFACTURER.
3. PROVIDE WITH 7 YEAR COMPRESSOR AND 5 YEAR PARTS WARRANTY.
4. PROVIDE FEED THROUGH POWER FROM CONDENSING UNIT.
5. PROVIDE LOW AMBIENT KIT W/COOLING CAPABILITIES DOWN TO 0°F.
6. LOCATE CONDENSING UNIT ON EQUIPMENT SUPPORTS EQUAL TO THYCURB M# TEMS-1.
7. PROVIDE CONDENSING UNIT HAIL GUARDS.

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REVISIONS

PROJECT NO.

PHASE
DESIGN DEVELOPMENT

DATE
03/13/2026

DESCRIPTION
MECHANICAL SCHEDULES

M2.02

ELECTRICAL SYMBOLS AND ABBREVIATIONS

NOTE: NOT ALL SYMBOLS MAY BE USED ON THIS PROJECT. REFER TO SPECIFICATIONS MANUAL FOR ADDITIONAL REQUIREMENTS.

POWER SYMBOLS

- MOTOR, HP AS INDICATED
- CONTROLLER TO BE FURNISHED UNDER DIVISION 15
- DISCONNECT SWITCH
- VARIABLE FREQUENCY DRIVE DISCONNECT
- MAGNETIC MOTOR STARTER
- COMBINATION MOTOR STARTER
- C — CONTACTOR
- J — JUNCTION BOX
- J — JUNCTION BOX
- R — RELAY
- SIMPLEX RECEPTACLE
- DUPLEX RECEPTACLE
- DUPLEX RECEPTACLE
- GFCI — GFCI=GROUND FAULT CIRCUIT INTERRUPTING
- WP — WP=WEATHERPROOF
- IG=ISOLATED GROUND
- DOUBLE DUPLEX (QUADRAPLEX) RECEPTACLE
- FLOOR OUTLET DUPLEX RECEPTACLE
- FLOOR OUTLET SIMPLEX RECEPTACLE
- FLOOR OUTLET QUADRUPLEX RECEPTACLE
- D — DROP CORD RECEPTACLE
- SPECIAL PURPOSE OUTLET AS DESIGNATED
- SINGLE FACE PEDESTAL
- DOUBLE FACE PEDESTAL RECEPTACLE
- EQUIPMENT CONNECTION
- CONNECT TO EXISTING

LIGHTING CONTROL SYMBOLS

- S_a — SINGLE POLE SWITCH, SUBSCRIPT INDICATES ASSOCIATED CIRCUITRY
- S_d — DIMMABLE SWITCH
- S_2 — DOUBLE POLE SWITCH
- S_3 — THREE-WAY SWITCH
- S_4 — FOUR-WAY SWITCH
- S_K — KEY OPERATED SWITCH
- S_P — SWITCH WITH PILOT LIGHT IN HANDLE (ON=LIGHTED UNLESS OTHERWISE NOTED)
- S_{WP} — WEATHERPROOF SWITCH
- S_M S_{MT} — MANUAL MOTOR STARTER (T=THERMAL OVERLOAD, SIZED FOR MOTOR)
- S_T — TIMER SWITCH
- S_{SC} — SPEED CONTROL
- S_{PB} — PUSH BUTTON
- OS — OCCUPANCY SENSOR CEILING MOUNTED, DUAL TECHNOLOGY. THE CONTRACTOR SHALL PROVIDE ALL REQUIRED POWER PACKS
- OS — OCCUPANCY SENSOR WALL MOUNTED, DUAL TECHNOLOGY. THE CONTRACTOR SHALL PROVIDE ALL REQUIRED POWER PACKS

LIGHTING CONTROL SYMBOLS (CONT.)

- SWITCH, OCCUPANCY SENSOR, WALL MOUNT
- DS — DAYLIGHT SENSOR, CEILING MOUNTED
- S_{LV} — MOMENTARY CONTACT OVERRIDE SWITCH

LIGHTING SYMBOLS

- LED FIXTURE, CEILING MOUNTED
- LED FIXTURE, WALL MOUNTED
- LED TROFFER, RECESSED OR SURFACE MOUNTED
- EXIT SIGN - SINGLE FACE
- EXIT SIGN - SINGLE FACE WITH ONE-WAY DIRECTIONAL ARROW
- EXIT SIGN - SINGLE FACE WITH TWO-WAY DIRECTIONAL ARROWS
- EXIT SIGN - DOUBLE FACE
- EXIT SIGN - DOUBLE FACE WITH 2 ONE-WAY DIRECTIONAL ARROWS
- EMERGENCY LIGHT, BATTERY TYPE WITH CHARGER
- EXTERIOR FLOOD LIGHT
- POLE MOUNTED LUMINAIRE (SQUARE)
- POLE MOUNTED LUMINAIRE (ROUND)
- TRACK LIGHT WITH HEADS AS INDICATED
- LIGHTING CONTACTOR

ELECTRICAL RACEWAYS

- CONDUIT CONCEALED IN WALL OR CEILING
- CONDUIT UNDER FLOOR OR UNDERGROUND
- SWITCH LEG
- SURFACE MOUNTED RACEWAY WITH ALL REQUIRED FITTINGS AND HARDWARE. PROVIDE RECEPTACLES AS INDICATED.
- SURFACE MOUNTED RACEWAY RISER SECTION WITH ALL REQUIRED FITTINGS AND HARDWARE
- BUS DUCT WITH TAKE OFF DEVICE
- UGE — UNDERGROUND ELECTRICAL (APPROXIMATE LOCATION, CONTRACTOR TO VERIFY EXACT LOCATION IN FIELD)
- UGT — UNDERGROUND TELEPHONE (APPROXIMATE LOCATION, CONTRACTOR TO VERIFY EXACT LOCATION IN FIELD)
- PIA-2,4,6 — BRANCH CIRCUIT HOMERUN SUBSCRIPT 'PIA' INDICATES PANEL AND 2,4,6 INDICATES BREAKER POSITION

CABLE TRAY AND RELATED ITEMS

- CABLE TRAY - 24"/90 DEGREE FITTING
- CABLE TRAY - 24" TEE FITTING
- CABLE TRAY - 24" X FITTING
- CABLE TRAY - 24"/ 90 DEGREE VERTICAL BENDS: IN & OUT FOR ELEVATION CHANGE
- CABLE TRAY - 24"/ 90 DEGREE VERTICAL BEND: IN OR OUT FOR TRAY UP OR DOWN
- CABLE TRAY - 24" WIDE X 4" SIDE WALL

SPECIAL SYSTEMS SYMBOLS

- FACP — FIRE ALARM CONTROL PANEL
- ANN — REMOTE ANNUNCIATOR PANEL
- FAEX — FIRE ALARM EXPANSION PANEL
- F — MANUAL PULL STATION (G=VANDAL PROOF GUARD)
- AUDIOVISUAL ANNUNCIATOR (G=VANDAL PROOF GUARD, S = SPEAKER, WP = WEATHERPROOF) WALL MOUNT
- AUDIOVISUAL ANNUNCIATOR (G=VANDAL PROOF GUARD, S = SPEAKER, WP = WEATHERPROOF) C = CEILING MOUNT
- VISUAL ANNUNCIATOR (G=VANDAL PROOF GUARD) WALL MOUNT
- VISUAL ANNUNCIATOR (G=VANDAL PROOF GUARD) CEILING MOUNT — AUDIBLE ANNUNCIATOR (HORN)
- AUDIBLE ANNUNCIATOR (HORN) (G = VANDAL PROOF GUARD, WP = WEATHERPROOF) WALL MOUNT
- AUDIBLE ANNUNCIATOR (HORN) (G = VANDAL PROOF GUARD, WP = WEATHERPROOF) C = CEILING MOUNTED
- SMOKE DETECTOR (G=VANDAL PROOF GUARD)
- SMOKE DETECTOR, DUCT MOUNTED
- HEAT DETECTOR (G=VANDAL PROOF GUARD)
- S — AUDIBLE ANNUNCIATOR (SPEAKER) (G = VANDAL PROOF GUARD) WALL MOUNT
- S — AUDIBLE ANNUNCIATOR (SPEAKER) (G = VANDAL PROOF GUARD) C = CEILING MOUNT
- SMOKE FIRE DAMPER
- CO — CARBON MONOXIDE DETECTOR
- TS — TEST SWITCH
- FS — FLOW SWITCH
- TS — TAMPER SWITCH
- PS — FIRE SPRINKLER PRESSURE SWITCH
- FS — FIRE ALARM SPEAKER ANNUNCIATOR
- PJ — FIRE FIGHTERS PHONE JACK
- FF — FIRE FIGHTERS TELEPHONE
- DH — MAGNETIC DOOR HOLDER
- H — WALL MOUNTED AUDIBLE ANNUNCIATOR (HORN) (G= VANDAL PROOF GUARD, WP=WEATHERPROOF)
- CEILING MOUNTED CLOCK
- WALL MOUNTED CLOCK HEIGHT AS DESIGNATED BY ARCHITECT
- WALL MOUNTED DOUBLE FACE HEIGHT AS DESIGNATED BY ARCHITECT
- SP — INTERCOM SPEAKER, CEILING MOUNTED (G=VANDAL PROOF GUARD)
- SP — INTERCOM SPEAKER, WALL MOUNTED (G=VANDAL PROOF GUARD)
- I — (G=VANDAL PROOF GUARD, WP=WEATHERPROOF) INTERCOM SPEAKER, EXTERIOR HORN-TYPE
- S_I — INTERCOM PUSHBUTTON (V=VOLUME CONTROL)
- DS — DOOR SWITCH

- AMP — AMPLIFIER
- ITC — INTERCOM SYSTEM TERMINAL CABINET
- IC — INTERCOM
- SEC — SECURITY MAIN CONTROL PANEL
- DB — DURESS ALARM PUSHBUTTON
- DB — DURESS SYSTEM WIRELESS RECEIVER/ANTENNA
- PB — PUSH BUTTON
- EPB — EGRESS PUSHBUTTON
- CR — CARD READER
- CCTV — CLOSED CIRCUIT TELEVISION OUTLET
- DC — DOOR CONTACT
- ML — MAGNETIC DOOR LOCK
- MD — MOTION DETECTOR, ROUGH-IN ONLY, 90" AFF, MAXIMUM 6" FROM NEAREST CORNER TO CENTER OF BOX, 1/2" CONDUIT TO ABOVE ACCESSIBLE CEILING WITH BUSHINGS AND PULL-STRING UNLESS INDICATED OTHERWISE.
- GB — GLASS BREAK SENSOR ROUGH-IN ONLY, 90" AFF, MAXIMUM 6" FROM NEAREST CORNER TO CENTER OF BOX, 1/2" CONDUIT TO ABOVE ACCESSIBLE CEILING WITH BUSHINGS AND PULL-STRING UNLESS INDICATED OTHERWISE.
- REX — REQUEST TO EXIT SENSOR
- ES — ELECTRIC STRIKE
- PLYWOOD TELEPHONE BACKBOARD
- TELEPHONE OUTLET IN WALL, ROUGH-IN ONLY, 1" CONDUIT TO ABOVE ACCESSIBLE CEILING WITH BUSHINGS AND PULL-STRING UNLESS INDICATED OTHERWISE.
- DATA OUTLET IN WALL, ROUGH-IN ONLY, 1" CONDUIT TO ABOVE ACCESSIBLE CEILING WITH BUSHINGS AND PULL-STRING UNLESS INDICATED OTHERWISE.
- (2) REPRESENTS THE QUANTITY OF PORTS IN OUTLET
- PHONE AND DATA OUTLET IN WALL, ROUGH-IN ONLY, 1" CONDUIT TO ABOVE ACCESSIBLE CEILING WITH BUSHINGS AND PULL-STRING UNLESS INDICATED OTHERWISE.
- FLOOR TELEPHONE AND DATA OUTLET, POKE-THRU TYPE
- T — THERMOSTAT
- CABLE TELEVISION OUTLET, ROUGH-IN ONLY. 15" A.F.F. UNLESS INDICATED OTHERWISE.
- FLOOR CABLE TELEVISION OUTLET
- CAMERA (OFOI) OWNER FURNISHED, OWNER INSTALLED
- CAM — CAMERA (CFCI) CONTRACTOR FURNISHED, CONTRACTOR INSTALLED
- WAP — WIRELESS ACCESS POINT
- ANTENNA

ONE-LINE DIAGRAM SYMBOLS

- H-O-A SELECTOR SWITCH
- STOP/START PUSHBUTTON STATION
- LIGHTING ARRESTER AND SURGE CAPACITOR
- TRANSFORMER
- TRANSFORMER (SHIELDED)
- M — M — MOTOR STARTER RELAY AND CONTACTOR
- ETM — ELAPSED (RUNNING) TIME METER
- CONTROL POWER TRANSFORMER
- MCP — CIRCUIT BREAKER (MOTOR CIRCUIT PROTECTOR)
- DISCONNECT SWITCH
- BUS STAB
- CT — CURRENT TRANSFORMER
- MOTOR RESISTANCE TYPE WINDING HEATER
- THERMAL OVERLOAD CIRCUIT
- BREAKER (THERMAL MAGNETIC TYPE)
- FUSE
- CONTACT (NORMALLY OPEN)
- CONTACT (NORMALLY CLOSED)
- PUSHBUTTON (NORMALLY OPEN)
- PUSHBUTTON (NORMALLY CLOSED)
- LIMIT SWITCH (NORMALLY OPEN)
- TIME DELAY CONTACT
- PILOT LIGHT W/COLOR INDICATED (A-AMBER ,G-GREEN ,R-RED)
- S — SOLENOID VALVE
- DIFFERENTIAL PRESSURE SWITCH
- E N — AUTOMATIC TRANSFER SWITCH
- DISCONNECT SWITCH 400/3/400AF/N3R INDICATES FRAME SIZE/POLES/FUSE AMPACITY/ENCLOSURE

PANELS AND RELATED EQUIPMENT

- PANELBOARD SURFACE MOUNTED (REFER TO PANEL SCHEDULE)
- PANELBOARD FLUSH MOUNTED (REFER TO PANEL SCHEDULE)
- TRANSFORMER, WITH CONCRETE HOUSEKEEPING PAD (REFER TO ONE-LINE DIAGRAM)
- ATS — AUTOMATIC TRANSFER SWITCH (REFER TO ONE-LINE DIAGRAM)

ABBREVIATIONS

A	AMPERE
AC	ABOVE COUNTER
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AIC	AMPERE INTERRUPTING CAPACITY
AHJ	AUTHORITY HAVING JURISDICTION
BLDG	BUILDING
C	CONDUIT
CAB	CABINET
CKT	CIRCUIT
CPSE	CITY PUBLIC SERVICE ENEGERY
CONN	CONNECT OR CONNECTION
CONTR	CONTRACTOR
COSA	CITY OF SAN ANTONIO
CT	CURRENT TRANSFORMER
EA	EACH
EF	EXHAUST FAN
ELEC	ELECTRIC
EMER	EMERGENCY
EMT	ELECTRIC METALLIC TUBING
EWC	ELECTRIC WATER COOLER
FACP	FIRE ALARM CONTROL PANEL
FLA	FULL LOAD AMPS
FLEX	FLEXIBLE CONDUIT
GFI	GROUND FAULT INTERRUPTER
GND	GROUND
HOA	HAND-OFF-AUTO
HP	HORSEPOWER
HPS	HIGH PRESSURE SODIUM
HTR	HEATER
IMC	INTERMEDIATE METAL CONDUIT
J-BOX	JUNCTION BOX
kVA	KILOVOLT AMPERE
kVAR	KILOVOLT AMPERE REACTIVE
kCM	THOUSAND CIRCULAR MILS
kV	KILOWATT
LTG	LIGHT OR LIGHTING
MANUF	MANUFACTURER
MCB	MAIN CIRCUIT BREAKER
MCC	MOTOR CONTROL CENTER
MCP	MOTOR CIRCUIT PROTECTOR
MIN	MINIMUM
MH	METAL HALIDE
MLO	MAIN LUG ONLY
MSB	MAIN SWITCHBOARD
MTD	MOUNTED
NEC	NATIONAL ELECTRICAL CODE
NTS	NOT TO SCALE
NRTL	NATIONAL RECOGNIZED TESTING LAB
⏚	PHASE
OL	OVERLOAD
OVHD	OVERHEAD
OCPD	OVERCURRENT PROTECTIVE DEVICE
PA	PUBLIC ADDRESS
PVC	POLYVINYL CHLORIDE
RECPT	RECEPTACLE
REQ'D	REQUIRED
REQ'T	REQUIREMENT
RGS	RIGID GALVANIZED STEEL
SC	SPLIT CIRCUIT
SFD	SMOKE FIRE DAMPER
SW	SWITCH
T/D	TELEPHONE & DATA
TTB	TELEPHONE TERMINAL BOARD
TYP	TYPICAL
UC	UNDER COUNTER
UG	UNDERGROUND
UNO	UNLESS NOTED OTHERWISE
V	VOLT
W	WATTS
W/	WITH
WP	WEATHER PROOF
XFMR	TRANSFORMER

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03/13/2026

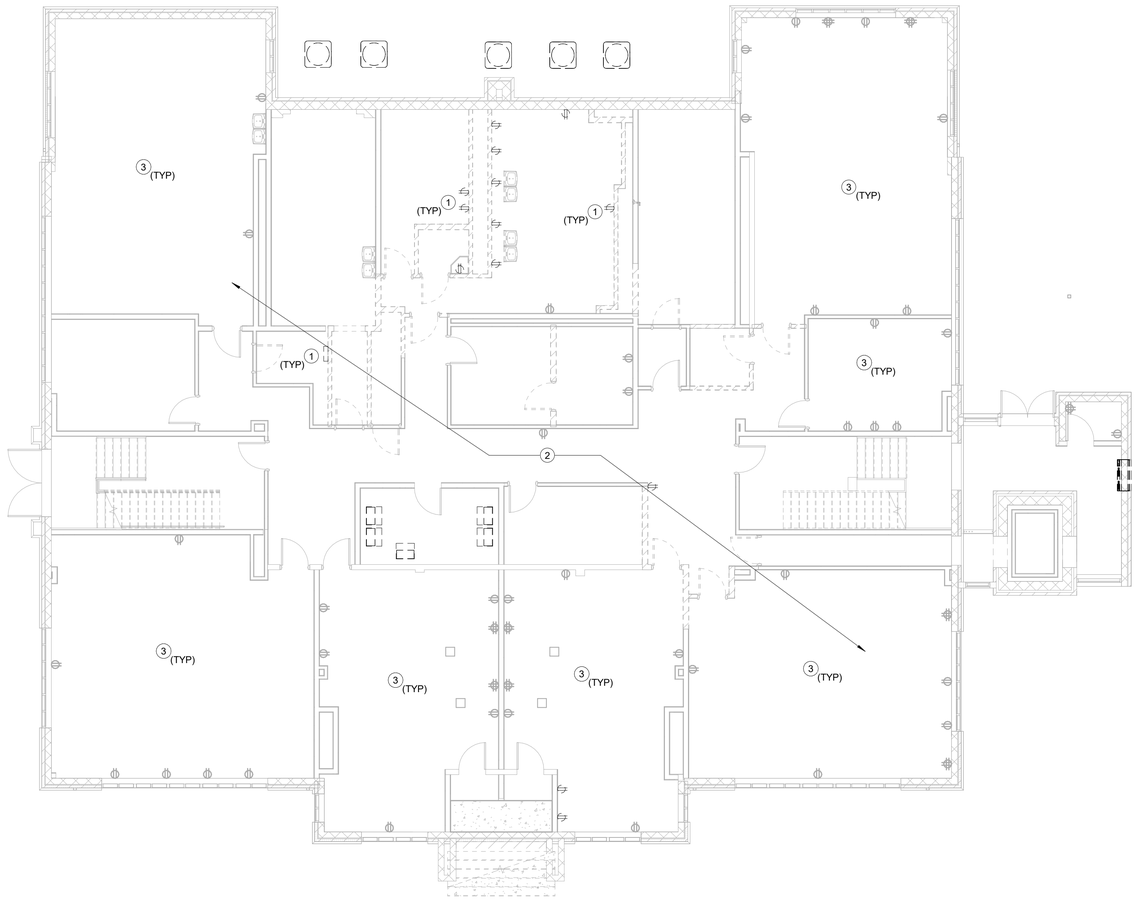
DESCRIPTION
ELECTRICAL SYMBOLS & ABBREVIATIONS

E0.00

PROJECT # 25085

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1 ELECTRICAL - LEVEL 1 - DEMOLITION PLAN

SCALE: 1/8" = 1'-0"

GENERAL SPECIAL SYSTEMS NOTES (THIS SHEET ONLY)

1. ALL WORK TO BE COMPLETED IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE AND AUTHORITY HAVING JURISDICTION.
2. PROJECTOR CEILING PLATES PROVIDED BY OWNER, INSTALLED BY CONTRACTOR TO MANUFACTURERS SPECIFICATIONS.
3. ELECTRICAL CONTRACTOR SHALL COORDINATE THE INSTALLATION OF ELECTRICAL WORK ABOVE THE CEILING TO PROVIDE THE GREATEST POSSIBLE CLEARANCE FOR PLUMBING AND MECHANICAL EQUIPMENT BOTH CURRENT AND FUTURE. CONDUITS SHALL BE KEPT TIGHT TO STRUCTURE OR ROUTED THROUGH STRUCTURAL TRUSSES WHEREVER POSSIBLE.
4. COORDINATE LOCATIONS OF ALL SPECIAL SYSTEMS OUTLETS WITH FURNITURE AND CASEWORK FOOTPRINTS PRIOR TO COMMENCING ANY DEVICE ROUGH-IN TO AVOID CONFLICTS OR LOCATING DEVICES BEHIND OR UNDER EQUIPMENT THAT WOULD RENDER THE DEVICE USELESS OR INACCESSIBLE.
5. PROVIDE U.L. LISTED FIRE STOP SYSTEMS AT ALL PENETRATIONS THROUGH WALLS.
6. ALL DATA CONDUITS, SLEEVES AND STUBS SHALL BE TERMINATED WITH PLASTIC BUSHINGS.
7. ALL TELEPHONE AND DATA BACK BOXES SHALL BE 4" SQUARE STEEL BOX WITH SINGLE GANG RING. CONDUITS SHALL BE MINIMUM 1". ROUTE CONDUIT FROM DATA OUTLET TO AREA ABOVE ACCESSIBLE CEILING. TERMINATE WITH PLASTIC BUSHING. WHERE CABLE TRAY IS UTILIZED, EXTEND CONDUIT TO CABLE TRAY. BOND CONDUIT TO TRAY. IN AREAS THAT HAVE RAISED ACCESS FLOORING ROUTE CONDUIT DOWN INTO RAISED ACCESS FLOOR SYSTEM. TERMINATE ALL CONDUITS WITH PLASTIC BUSHINGS.
8. WHERE CABLE TRAY IS NOT ACCESSIBLE ALL SPECIAL SYSTEMS CABLING SHALL BE RUN ON J-HOOKS OR D RINGS AND OFF OF THE CEILING GRID. CABLES SHALL NOT BE SUPPORTED BY CEILING GRID SUPPORT SYSTEM.
9. ALL CABLING SHALL BE PLENUM RATED.
10. DO NOT INSTALL TELE/DATA CABLING PARALLEL TO ANY ELECTRICAL CONDUCTORS. TELE/DATA CABLE SHALL CROSS 90-DEGREE PERPENDICULAR TO ANY ELECTRICAL CONDUIT CARRYING ELECTRICAL CONDUCTORS.
11. ALL SMOKE AND HEAT DETECTORS SHALL BE POWERED FROM AND BE RESETTABLE AT THE FIRE ALARM PANEL.
12. THE FIRE ALARMS CONTROL PANEL SHALL SHUNT ALL FAN/COIL UNITS IN THE EVENT OF A FIRE. PROVIDE RELAYS FOR ALL FAN/COIL UNITS AND CONNECT TO FIRE ALARM SYSTEM.
13. DUCT SMOKE DETECTORS TO BE PROVIDED AND INSTALLED BY THE FIRE ALARM SYSTEMS INSTALLER. COORDINATE WITH MECHANICAL CONTRACTOR.
14. THE MECHANICAL CONTRACTOR IS RESPONSIBLE FOR WIRING BETWEEN THE FIRE ALARM LOW VOLTAGE RELAY AND HVAC CONTROL EQUIPMENT.
15. THE FIRE ALARM SYSTEMS CONTRACTOR SHALL PROVIDE ALL FIRE ALARM SYSTEM HARDWARE AS REQUIRED TO ACHIEVE COMPLETE SYSTEM FUNCTIONALITY AND ACCEPTANCE BY THE AUTHORITIES HAVING JURISDICTION.
16. COORDINATE INSTALLATION AND CERTIFICATION OF NEW FIRE ALARM SYSTEM DEVICES WITH AN AUTHORIZED REPRESENTATIVE.
17. WHERE APPLICABLE, ALL FIRE ALARM DEVICES SHALL BE CEILING MOUNT.
18. THE CONTRACTOR SHALL FURNISH SERVICE, MAINTENANCE AND REMOTE STATION MONITORING FEES OF FIRE ALARM SYSTEM FOR ONE (1) YEAR FROM DATE OF SUBSTANTIAL COMPLETION.
19. THE FIRE ALARM SYSTEMS INSTALLER SHALL PROVIDE AT NO COST TO OWNER SEMI-ANNUAL TESTS AND INSPECTIONS OF FIRE ALARM SYSTEM AND COMPONENTS DURING FIRST YEAR FROM DATE OF SUBSTANTIAL COMPLETION.
20. TYPICAL FOR ALL MANUAL PULL STATIONS - PROVIDE GUARD (PROTECTIVE COVER) OVER PULL STATION EQUIVALENT TO STI STOPPER II #STI-1130.

KEYED NOTES (APPLIES TO THIS SHEET ONLY)

1 REMOVE EXISTING POWER DEVICES AS INDICATED.

2 REMOVE ALL CEILING MOUNTED DEVICES AND ASSOCIATED CIRCUITRY.

3 EXISTING RECEPTACLES ARE NOT LOCATED WITHIN ADA PARAMETERS. RELOCATE TO 18" A.F.F. CONDUIT IN WALL TO NEAREST JUNCTION BOX TO REMAIN. REMOVE CIRCUITRY FROM JUNCTION BOX TO PANELBOARD. DEVICES WILL BE RECIRCUITED IN NEW WORK TO NEW PANELBOARD.

INTERIM REVIEW ONLY
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Firm: Calculated Legacy Consulting Engineers
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REVISIONS

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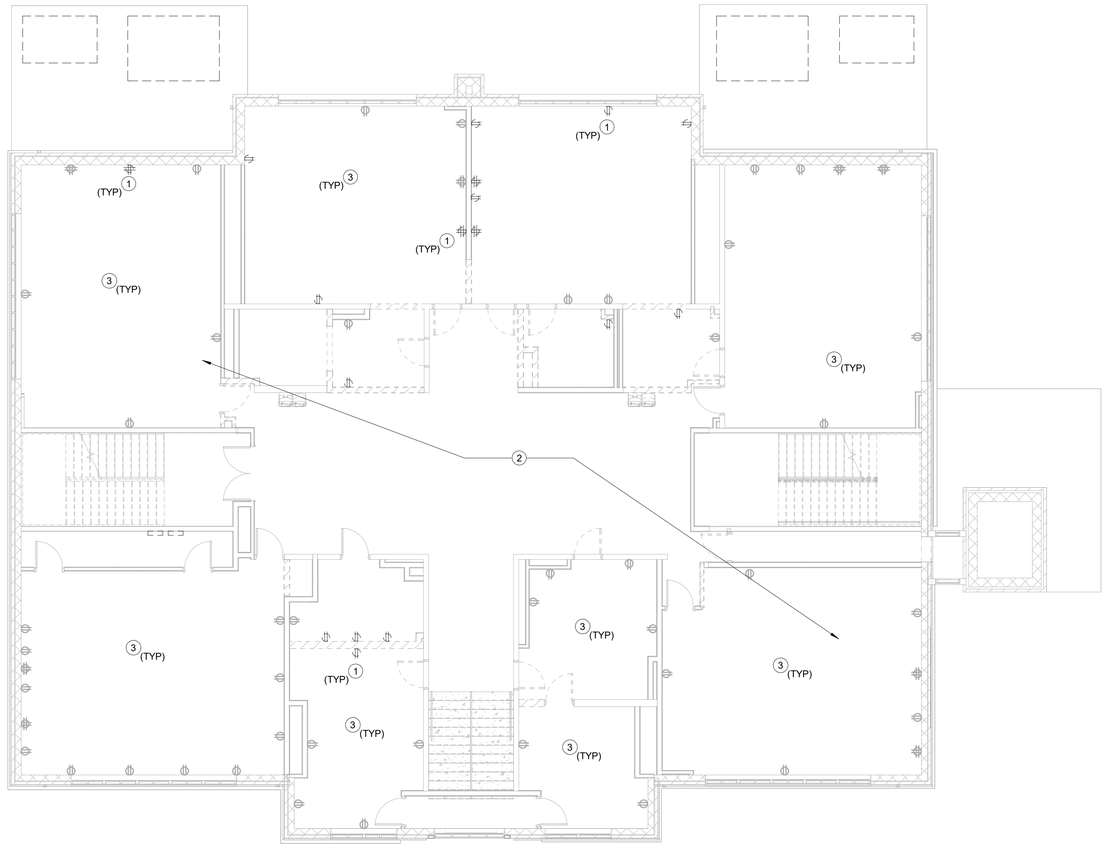
DESCRIPTION
ELECTRICAL FLOOR PLAN - LEVEL1 - DEMOLITION

ED1.01

PROJECT # 25085

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1 ELECTRICAL - LEVEL 2 - DEMOLITION PLAN

SCALE: 1/8" = 1'-0"

GENERAL SPECIAL SYSTEMS NOTES (THIS SHEET ONLY)

1. ALL WORK TO BE COMPLETED IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE AND AUTHORITY HAVING JURISDICTION.
2. PROJECTOR CEILING PLATES PROVIDED BY OWNER, INSTALLED BY CONTRACTOR TO MANUFACTURERS SPECIFICATIONS.
3. ELECTRICAL CONTRACTOR SHALL COORDINATE THE INSTALLATION OF ELECTRICAL WORK ABOVE THE CEILING TO PROVIDE THE GREATEST POSSIBLE CLEARANCE FOR PLUMBING AND MECHANICAL EQUIPMENT BOTH CURRENT AND FUTURE. CONDUITS SHALL BE KEPT TIGHT TO STRUCTURE OR ROUTED THROUGH STRUCTURAL TRUSSES WHEREVER POSSIBLE.
4. COORDINATE LOCATIONS OF ALL SPECIAL SYSTEMS OUTLETS WITH FURNITURE AND CASEWORK FOOTPRINTS PRIOR TO COMMENCING ANY DEVICE ROUGH-IN TO AVOID CONFLICTS OR LOCATING DEVICES BEHIND OR UNDER EQUIPMENT THAT WOULD RENDER THE DEVICE USELESS OR INACCESSIBLE.
5. PROVIDE U.L. LISTED FIRE STOP SYSTEMS AT ALL PENETRATIONS THROUGH WALLS.
6. ALL DATA CONDUITS, SLEEVES AND STUBS SHALL BE TERMINATED WITH PLASTIC BUSHINGS.
7. ALL TELEPHONE AND DATA BACK BOXES SHALL BE 4" SQUARE STEEL BOX WITH SINGLE GANG RING. CONDUITS SHALL BE MINIMUM 1". ROUTE CONDUIT FROM DATA OUTLET TO AREA ABOVE ACCESSIBLE CEILING. TERMINATE WITH PLASTIC BUSHING. WHERE CABLE TRAY IS UTILIZED, EXTEND CONDUIT TO CABLE TRAY. BOND CONDUIT TO TRAY. IN AREAS THAT HAVE RAISED ACCESS FLOORING ROUTE CONDUIT DOWN INTO RAISED ACCESS FLOOR SYSTEM. TERMINATE ALL CONDUITS WITH PLASTIC BUSHINGS.
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11. ALL SMOKE AND HEAT DETECTORS SHALL BE POWERED FROM AND BE RESETTABLE AT THE FIRE ALARM PANEL.
12. THE FIRE ALARMS CONTROL PANEL SHALL SHUNT ALL FAN/COIL UNITS IN THE EVENT OF A FIRE. PROVIDE RELAYS FOR ALL FAN/COIL UNITS AND CONNECT TO FIRE ALARM SYSTEM.
13. DUCT SMOKE DETECTORS TO BE PROVIDED AND INSTALLED BY THE FIRE ALARM SYSTEMS INSTALLER. COORDINATE WITH MECHANICAL CONTRACTOR.
14. THE MECHANICAL CONTRACTOR IS RESPONSIBLE FOR WIRING BETWEEN THE FIRE ALARM LOW VOLTAGE RELAY AND HVAC CONTROL EQUIPMENT.
15. THE FIRE ALARM SYSTEMS CONTRACTOR SHALL PROVIDE ALL FIRE ALARM SYSTEM HARDWARE AS REQUIRED TO ACHIEVE COMPLETE SYSTEM FUNCTIONALITY AND ACCEPTANCE BY THE AUTHORITIES HAVING JURISDICTION.
16. COORDINATE INSTALLATION AND CERTIFICATION OF NEW FIRE ALARM SYSTEM DEVICES WITH AN AUTHORIZED REPRESENTATIVE.
17. WHERE APPLICABLE, ALL FIRE ALARM DEVICES SHALL BE CEILING MOUNT.
18. THE CONTRACTOR SHALL FURNISH SERVICE, MAINTENANCE AND REMOTE STATION MONITORING FEES OF FIRE ALARM SYSTEM FOR ONE (1) YEAR FROM DATE OF SUBSTANTIAL COMPLETION.
19. THE FIRE ALARM SYSTEMS INSTALLER SHALL PROVIDE AT NO COST TO OWNER SEMI-ANNUAL TESTS AND INSPECTIONS OF FIRE ALARM SYSTEM AND COMPONENTS DURING FIRST YEAR FROM DATE OF SUBSTANTIAL COMPLETION.
20. TYPICAL FOR ALL MANUAL PULL STATIONS - PROVIDE GUARD (PROTECTIVE COVER) OVER PULL STATION EQUIVALENT TO STI STOPPER II #STI-1130.

KEYED NOTES (APPLIES TO THIS SHEET ONLY)

1 REMOVE EXISTING POWER DEVICES AS INDICATED.

2 REMOVE ALL CEILING MOUNTED DEVICES AND ASSOCIATED CIRCUITRY.

3 EXISTING RECEPTACLES ARE NOT LOCATED WITHIN ADA PARAMETERS. RELOCATE TO 18" A.F.F. CONDUIT IN WALL TO NEAREST JUNCTION BOX TO REMAIN. REMOVE CIRCUITRY FROM JUNCTION BOX TO PANELBOARD. DEVICES WILL BE RECIRCUITED IN NEW WORK TO NEW PANELBOARD.

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REVISIONS

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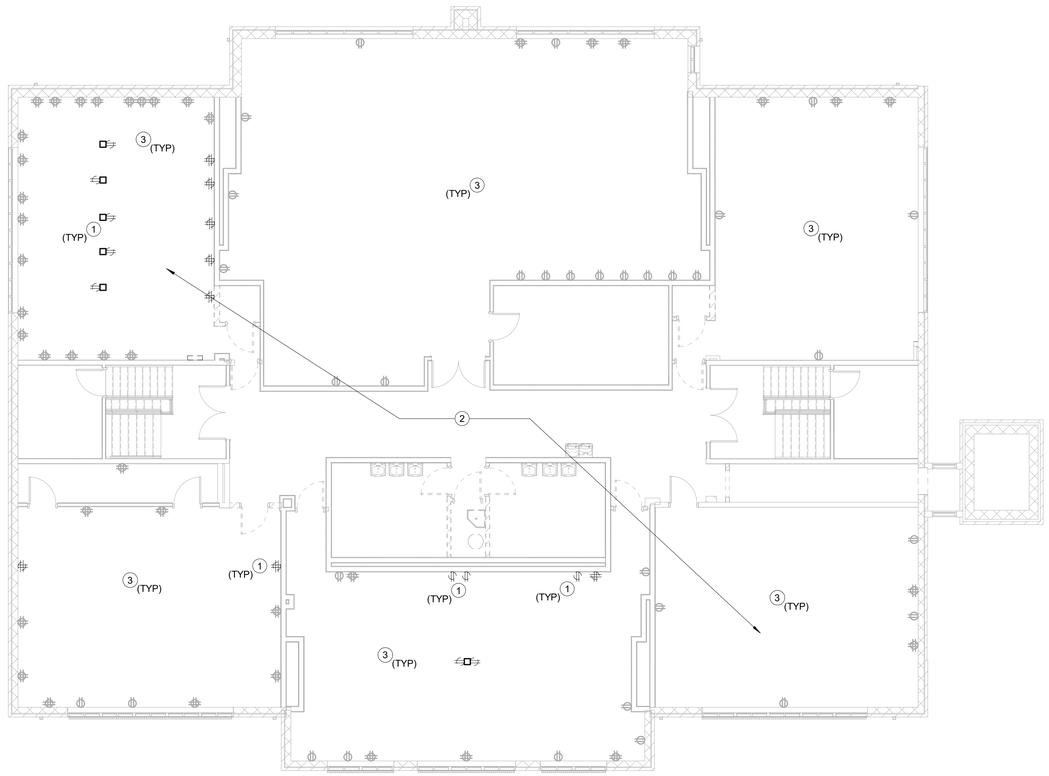
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DESCRIPTION
ELECTRICAL FLOOR PLAN - LEVEL 2 - DEMOLITION

ED1.02

PROJECT # 25085

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1 ELECTRICAL - LEVEL 3 - DEMOLITION PLAN

SCALE: 1/8" = 1'-0"

GENERAL SPECIAL SYSTEMS NOTES (THIS SHEET ONLY)

1. ALL WORK TO BE COMPLETED IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE AND AUTHORITY HAVING JURISDICTION.
2. PROJECTOR CEILING PLATES PROVIDED BY OWNER, INSTALLED BY CONTRACTOR TO MANUFACTURERS SPECIFICATIONS.
3. ELECTRICAL CONTRACTOR SHALL COORDINATE THE INSTALLATION OF ELECTRICAL WORK ABOVE THE CEILING TO PROVIDE THE GREATEST POSSIBLE CLEARANCE FOR PLUMBING AND MECHANICAL EQUIPMENT BOTH CURRENT AND FUTURE. CONDUITS SHALL BE KEPT TIGHT TO STRUCTURE OR ROUTED THROUGH STRUCTURAL TRUSSES WHEREVER POSSIBLE.
4. COORDINATE LOCATIONS OF ALL SPECIAL SYSTEMS OUTLETS WITH FURNITURE AND CASEWORK FOOTPRINTS PRIOR TO COMMENCING ANY DEVICE ROUGH-IN TO AVOID CONFLICTS OR LOCATING DEVICES BEHIND OR UNDER EQUIPMENT THAT WOULD RENDER THE DEVICE USELESS OR INACCESSIBLE.
5. PROVIDE U.L. LISTED FIRE STOP SYSTEMS AT ALL PENETRATIONS THROUGH WALLS.
6. ALL DATA CONDUITS, SLEEVES AND STUBS SHALL BE TERMINATED WITH PLASTIC BUSHINGS.
7. ALL TELEPHONE AND DATA BACK BOXES SHALL BE 4" SQUARE STEEL BOX WITH SINGLE GANG RING. CONDUITS SHALL BE MINIMUM 1". ROUTE CONDUIT FROM DATA OUTLET TO AREA ABOVE ACCESSIBLE CEILING. TERMINATE WITH PLASTIC BUSHING. WHERE CABLE TRAY IS UTILIZED, EXTEND CONDUIT TO CABLE TRAY. BOND CONDUIT TO TRAY. IN AREAS THAT HAVE RAISED ACCESS FLOORING ROUTE CONDUIT DOWN INTO RAISED ACCESS FLOOR SYSTEM. TERMINATE ALL CONDUITS WITH PLASTIC BUSHINGS.
8. WHERE CABLE TRAY IS NOT ACCESSIBLE ALL SPECIAL SYSTEMS CABLING SHALL BE RUN ON J-HOOKS OR D RINGS AND OFF OF THE CEILING GRID. CABLES SHALL NOT BE SUPPORTED BY CEILING GRID SUPPORT SYSTEM.
9. ALL CABLING SHALL BE PLENUM RATED.
10. DO NOT INSTALL TELE/DATA CABLING PARALLEL TO ANY ELECTRICAL CONDUCTORS. TELE/DATA CABLE SHALL CROSS 90-DEGREE PERPENDICULAR TO ANY ELECTRICAL CONDUIT CARRYING ELECTRICAL CONDUCTORS.
11. ALL SMOKE AND HEAT DETECTORS SHALL BE POWERED FROM AND BE RESETTABLE AT THE FIRE ALARM PANEL.
12. THE FIRE ALARMS CONTROL PANEL SHALL SHUNT ALL FAN/COIL UNITS IN THE EVENT OF A FIRE. PROVIDE RELAYS FOR ALL FAN/COIL UNITS AND CONNECT TO FIRE ALARM SYSTEM.
13. DUCT SMOKE DETECTORS TO BE PROVIDED AND INSTALLED BY THE FIRE ALARM SYSTEMS INSTALLER. COORDINATE WITH MECHANICAL CONTRACTOR.
14. THE MECHANICAL CONTRACTOR IS RESPONSIBLE FOR WIRING BETWEEN THE FIRE ALARM LOW VOLTAGE RELAY AND HVAC CONTROL EQUIPMENT.
15. THE FIRE ALARM SYSTEMS CONTRACTOR SHALL PROVIDE ALL FIRE ALARM SYSTEM HARDWARE AS REQUIRED TO ACHIEVE COMPLETE SYSTEM FUNCTIONALITY AND ACCEPTANCE BY THE AUTHORITIES HAVING JURISDICTION.
16. COORDINATE INSTALLATION AND CERTIFICATION OF NEW FIRE ALARM SYSTEM DEVICES WITH AN AUTHORIZED REPRESENTATIVE.
17. WHERE APPLICABLE, ALL FIRE ALARM DEVICES SHALL BE CEILING MOUNT.
18. THE CONTRACTOR SHALL FURNISH SERVICE, MAINTENANCE AND REMOTE STATION MONITORING FEES OF FIRE ALARM SYSTEM FOR ONE (1) YEAR FROM DATE OF SUBSTANTIAL COMPLETION.
19. THE FIRE ALARM SYSTEMS INSTALLER SHALL PROVIDE AT NO COST TO OWNER SEMI-ANNUAL TESTS AND INSPECTIONS OF FIRE ALARM SYSTEM AND COMPONENTS DURING FIRST YEAR FROM DATE OF SUBSTANTIAL COMPLETION.
20. TYPICAL FOR ALL MANUAL PULL STATIONS - PROVIDE GUARD (PROTECTIVE COVER) OVER PULL STATION EQUIVALENT TO STI STOPPER II #STI-1130.

KEYED NOTES (APPLIES TO THIS SHEET ONLY)

1 REMOVE EXISTING POWER DEVICES AS INDICATED.

2 REMOVE ALL CEILING MOUNTED DEVICES AND ASSOCIATED CIRCUITRY.

3 EXISTING RECEPTACLES ARE NOT LOCATED WITHIN ADA PARAMETERS. RELOCATE TO 18" A.F.F. CONDUIT IN WALL TO NEAREST JUNCTION BOX TO REMAIN. REMOVE CIRCUITRY FROM JUNCTION BOX TO PANELBOARD. DEVICES WILL BE RECIRCUITED IN NEW WORK TO NEW PANELBOARD.

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REVISIONS

PROJECT NO.

PHASE DESIGN DEVELOPMENT

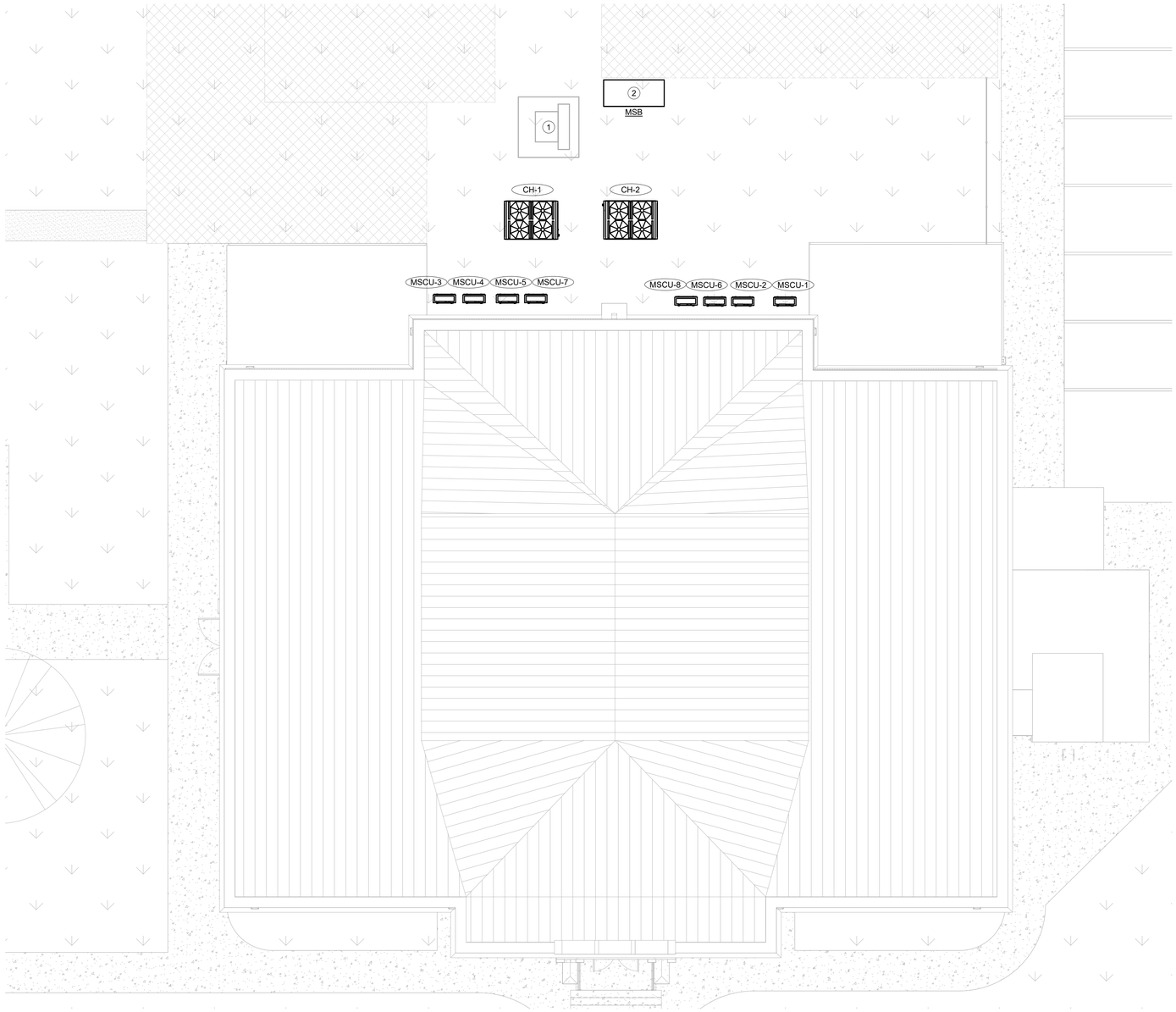
DATE 03/13/2026

DESCRIPTION ELECTRICAL FLOOR PLAN - LEVEL 3 - DEMOLITION

ED1.03

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1 ELECTRICAL SITE PLAN

SCALE: 1/8" = 1'-0"

KEYED NOTES (APPLIES TO THIS SHEET ONLY)

1 EXISTING UTILITY XFMR TO REMAIN.

2 REMOVE EXISTING 1200A MSB. PROVIDE NEW 1600A MSB. COORDINATE WORK WITH UTILITY.

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03/13/2026

DESCRIPTION
ELECTRICAL SITE PLAN

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1 LIGHTING CEILING PLAN - LEVEL 1 - NEW WORK

SCALE: 1/8" = 1'-0"

GENERAL LIGHTING NOTES (THIS SHEET ONLY)

1. ALL WORK TO BE COMPLETED IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE AND THE AUTHORITY HAVING JURISDICTION.
2. COORDINATE ALL WORK WITH OTHER TRADES AS REQUIRED.
3. ALL NEW LIGHT SWITCHES TO BE MOUNTED AT 44" ABOVE FINISHED FLOOR.
4. SINGLE HOMERUNS ARE SHOWN FOR CIRCUIT IDENTIFICATION ONLY. CONTRACTOR MAY GROUP A MAXIMUM OF THREE (3) BRANCH CIRCUITS PER HOMERUN RACEWAY, UNLESS NOTED OTHERWISE. TYPICAL FOR ALL ELECTRICAL FLOOR PLANS.
5. MULTI-WIRED (SHARED NEUTRAL) BRANCH CIRCUITS SHALL NOT BE INSTALLED. ALL 120- & 277- VOLT BRANCH CIRCUITS SHALL HAVE A DEDICATED INDIVIDUAL NEUTRAL CONDUCTOR.
6. ALL HOMERUNS AND RUNS BETWEEN JUNCTION BOXES TO BE A MINIMUM OF 3/4" CONDUIT WITH #10 WIRE. NO MORE THAN THREE (3) CIRCUITS PER HOMERUN. ALL WIRING SHALL HAVE A SEPARATE INSULATED GREEN GOUNDING CONDUCTOR. #10 CONDUCTORS SHALL EXTEND FROM OCPD TO A JUNCTION BOX IN THE AREA OF THE OUTLETS OR UTILIZATION EQUIPMENT. DROPS TO INDIVIDUAL 20A SWITCHES AND RECEPTACLES MAY BE #12 THHN COPPER.
7. ALL ITEMS AND FIXTURES SHALL BE U.L. LISTED.
8. EXPOSED GRID CEILINGS: FLOURESCENT FIXTURES SHALL BE SUPPORTED INDEPENDENTLY OF THE CEILING GRID BY A MINIMUM OF FOUR #9 GALVANIZED WIRES ATTACHED TO THE FIXTURE AT EACH CORNER.
9. VOLTAGE DROP IN BRANCH CIRCUITS SHALL NOT EXCEED 3%.
10. ELECTRICAL CONTRACTOR SHALL COORDINATE THE INSTALLATION OF ELECTRICAL WORK ABOVE THE CEILING TO PROVIDE THE GREATEST POSSIBLE CLEARANCE FOR PLUMBING AND MECHANICAL EQUIPMENT BOTH CURRENT AND FUTURE. CONDUITS SHALL BE KEPT TIGHT TO STRUCTURE OR ROUTED THROUGH STRUCTURAL TRUSSES WHEREVER POSSIBLE.
11. PROVIDE U.L. LISTED FIRE STOP SYSTEMS AT ALL PENETRATIONS THROUGH WALLS.
12. ALL JUNCTION BOX COVERS WILL BE MARKED USING "SHARPIE" OR "MARKSALOT" INDICATING THE PANEL AND CIRCUIT #'S CONTAINED WITHIN THE JUNCTION BOX.
13. ALL SWITCH COVER PLATES WILL BE MARKED TO INDICATE PANEL AND CIRCUIT #'S USING APPROVED LABEL MAKER.
14. THERE SHALL BE NO JUNCTION BOXES LOCATED ABOVE A HARD CEILING. ALL CONNECTIONS TO FIXTURES IN A HARD CEILING WILL COME FROM A JUNCTION BOX LOCATED IN AN ACCESSIBLE AREA OUTSIDE OF THE ROOM.
15. FIXTURES SHALL NOT BE DAISY CHAINED TOGETHER. EACH FIXTURE SHALL HAVE ONLY ONE FLEXIBLE CONDUIT CONNECTION FROM A JUNCTION BOX LOCATED WITHIN 6'.
16. FLEXIBLE CONDUIT (FMC) CAN BE USED ONLY FOR FINAL CONNECTIONS TO LIGHT FIXTURES. RUNS LONGER THAN 6' WILL NOT BE ALLOWED.
17. LIQUIDTIGHT FLEXIBLE CONDUIT (LFMC) SHALL BE USED FOR CONNECTIONS TO EQUIPMENT AND MOTORS.

KEYED NOTES (APPLIES TO THIS SHEET ONLY)

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REVISIONS

PROJECT NO.

PHASE
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DATE
03/13/2026

DESCRIPTION
LIGHTING RCP - LEVEL 1 - NEW WORK

E1.01

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1 LIGHTING CEILING PLAN - LEVEL 2 - NEW WORK

SCALE: 1/8" = 1'-0"

GENERAL LIGHTING NOTES (THIS SHEET ONLY)

1. ALL WORK TO BE COMPLETED IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE AND THE AUTHORITY HAVING JURISDICTION.
2. COORDINATE ALL WORK WITH OTHER TRADES AS REQUIRED.
3. ALL NEW LIGHT SWITCHES TO BE MOUNTED AT 44" ABOVE FINISHED FLOOR.
4. SINGLE HOMERUNS ARE SHOWN FOR CIRCUIT IDENTIFICATION ONLY. CONTRACTOR MAY GROUP A MAXIMUM OF THREE (3) BRANCH CIRCUITS PER HOMERUN RACEWAY, UNLESS NOTED OTHERWISE. TYPICAL FOR ALL ELECTRICAL FLOOR PLANS.
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8. EXPOSED GRID CEILINGS: FLOURESCENT FIXTURES SHALL BE SUPPORTED INDEPENDENTLY OF THE CEILING GRID BY A MINIMUM OF FOUR #9 GALVANIZED WIRES ATTACHED TO THE FIXTURE AT EACH CORNER.
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10. ELECTRICAL CONTRACTOR SHALL COORDINATE THE INSTALLATION OF ELECTRICAL WORK ABOVE THE CEILING TO PROVIDE THE GREATEST POSSIBLE CLEARANCE FOR PLUMBING AND MECHANICAL EQUIPMENT BOTH CURRENT AND FUTURE. CONDUITS SHALL BE KEPT TIGHT TO STRUCTURE OR ROUTED THROUGH STRUCTURAL TRUSSES WHEREVER POSSIBLE.
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14. THERE SHALL BE NO JUNCTION BOXES LOCATED ABOVE A HARD CEILING. ALL CONNECTIONS TO FIXTURES IN A HARD CEILING WILL COME FROM A JUNCTION BOX LOCATED IN AN ACCESSIBLE AREA OUTSIDE OF THE ROOM.
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REVISIONS

PROJECT NO.

PHASE
DESIGN DEVELOPMENT

DATE
03/13/2026

DESCRIPTION
LIGHTING RCP - LEVEL 2 - NEW WORK

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E1.02



1 LIGHTING CEILING PLAN - LEVEL 3 - NEW WORK

SCALE: 1/8" = 1'-0"

GENERAL LIGHTING NOTES (THIS SHEET ONLY)

1. ALL WORK TO BE COMPLETED IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE AND THE AUTHORITY HAVING JURISDICTION.
2. COORDINATE ALL WORK WITH OTHER TRADES AS REQUIRED.
3. ALL NEW LIGHT SWITCHES TO BE MOUNTED AT 44" ABOVE FINISHED FLOOR.
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11. PROVIDE U.L. LISTED FIRE STOP SYSTEMS AT ALL PENETRATIONS THROUGH WALLS.
12. ALL JUNCTION BOX COVERS WILL BE MARKED USING "SHARPIE" OR "MARKSALOT" INDICATING THE PANEL AND CIRCUIT #'S CONTAINED WITHIN THE JUNCTION BOX.
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KEYED NOTES (APPLIES TO THIS SHEET ONLY)

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REVISIONS

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DATE
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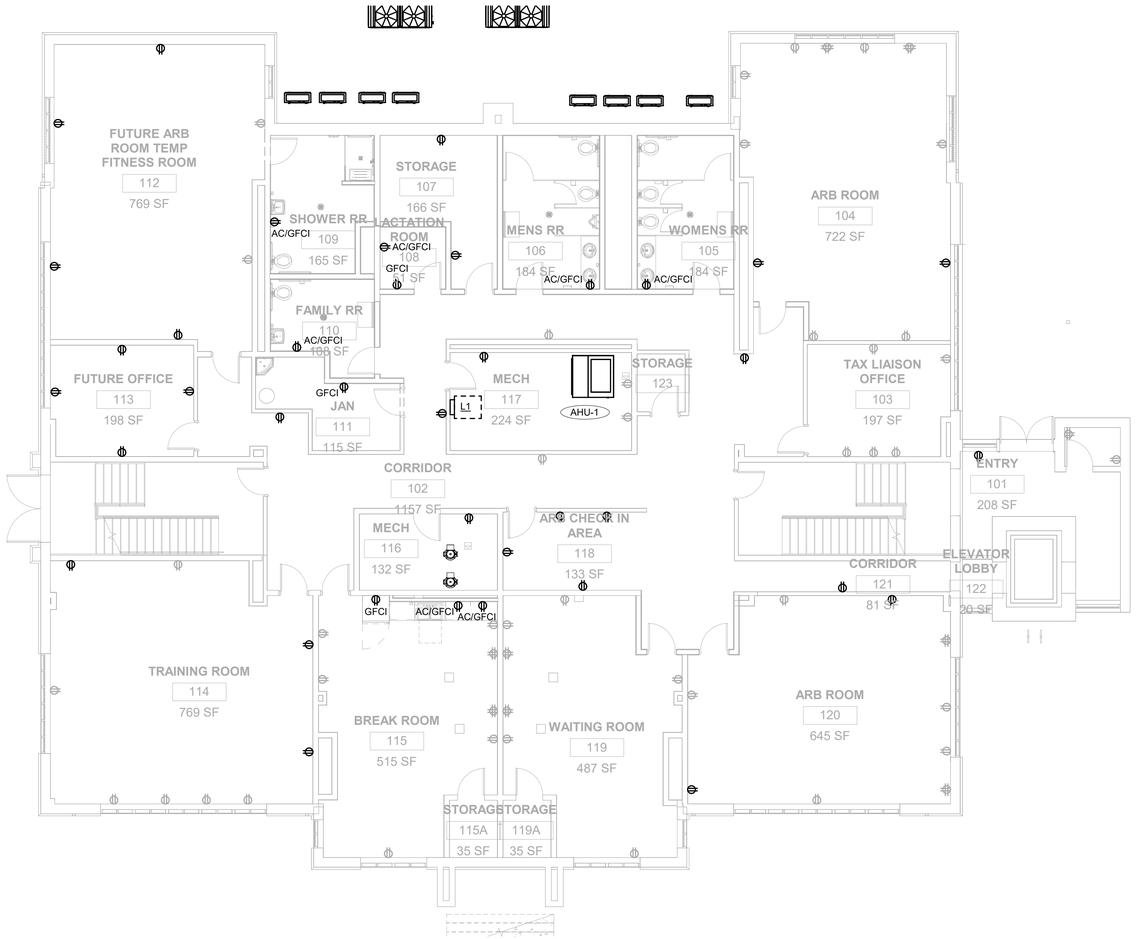
DESCRIPTION
LIGHTING RCP - LEVEL 3 - NEW WORK

E1.03

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1 ELECTRICAL POWER FLOOR PLAN - LEVEL 1 - NEW WORK

SCALE: 1/8" = 1'-0"

GENERAL POWER NOTES (THIS SHEET ONLY)

1. ALL WORK TO BE COMPLETED IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE AND AUTHORITIES HAVING JURISDICTION.
2. ALL WALL MOUNTED RECEPTACLES TO BE LOCATED 18" A.F.F. TO BOTTOM OF BOX UNLESS OTHERWISE NOTED.
3. ALL OUTLETS SHOWN AS "AC" (ABOVE COUNTER) ARE TO BE INSTALLED 3" ABOVE COUNTER OR BACK SPLASH TO BOTTOM OF BOX.
4. SINGLE HOME RUNS ARE SHOWN FOR CIRCUIT IDENTIFICATION ONLY. CONTRACTOR MAY GROUP A MAXIMUM OF THREE (3) BRANCH CIRCUITS PER HOMERUN RACEWAY, UNLESS NOTED OTHERWISE. TYPICAL FOR ALL ELECTRICAL FLOOR PLANS.
5. MULTI-WIRED (SHARED NEUTRAL) BRANCH CIRCUITS SHALL NOT BE INSTALLED. ALL 120- & 277- VOLT BRANCH CIRCUITS SHALL HAVE A DEDICATED INDIVIDUAL NEUTRAL CONDUCTOR.
6. ALL HOMERUNS AND RUNS BETWEEN JUNCTION BOXES TO BE A MINIMUM OF 3/4" CONDUIT WITH #10 WIRE. NO MORE THAN THREE (3) CIRCUITS PER HOMERUN. ALL WIRING SHALL HAVE A SEPARATE INSULATED GREEN GROUNDING CONDUCTOR. #10 CONDUCTORS SHALL EXTEND FROM OCPD TO A JUNCTION BOX IN THE AREA OF THE OUTLETS OR UTILIZATION EQUIPMENT. DROPS TO INDIVIDUAL 20A SWITCHES AND RECEPTACLES MAY BE #12 THHN COPPER.
7. COORDINATE LOCATIONS OF ALL POWER AND DATA OUTLETS WITH FURNITURE AND CASEWORK FOOTPRINTS PRIOR TO COMMENCING ANY DEVICE ROUGH-IN TO AVOID CONFLICTS OR LOCATING DEVICES BEHIND OR UNDER EQUIPMENT THAT WOULD RENDER THE DEVICE USELESS OR INACCESSIBLE.
8. PROVIDE U.L. LISTED FIRE STOP SYSTEMS AT ALL PENETRATIONS THROUGH WALLS.
9. ELECTRICAL CONTRACTOR SHALL COORDINATE THE INSTALLATION OF ELECTRICAL WORK ABOVE THE CEILING TO PROVIDE THE GREATEST POSSIBLE CLEARANCE FOR PLUMBING AND MECHANICAL EQUIPMENT BOTH CURRENT AND FUTURE. CONDUITS SHALL BE KEPT TIGHT TO STRUCTURE OR ROUTED THROUGH STRUCTURAL TRUSSES WHEREVER POSSIBLE.
10. ALL SWITCHES AND RECEPTACLES SHALL BE U.L. LISTED AND SHALL BE SPECIFICATION GRADE.
11. ALL FEEDER AND BRANCH CIRCUIT WIRING SHALL BE COPPER.
12. ALL JUNCTION BOX COVERS WILL BE MARKED USING "SHARPIE" OR "MARKSALOT" INDICATING THE PANEL AND CIRCUIT #'S CONTAINED WITHIN THE JUNCTION BOX.
13. ALL SWITCH AND RECEPTACLE COVER PLATES WILL BE MARKED TO INDICATE PANEL AND CIRCUIT #'S USING APPROVED LABEL MAKER.
14. IN ALL CASES VOLTAGE DROP TO LAST OUTLET MUST NOT EXCEED 3%.
15. FLEXIBLE METAL CONDUIT (FMC) CAN BE USED ONLY FOR FINAL CONNECTIONS TO LIGHT FIXTURES. RUNS LONGER THAN 6' WILL NOT BE ALLOWED.
16. LIQUIDTIGHT FLEXIBLE CONDUIT (LFMC) SHALL BE USED FOR CONNECTIONS TO EQUIPMENT AND MOTORS.
17. ALL DATA CONDUITS, SLEEVES AND STUBS SHALL BE TERMINATED WITH PLASTIC BUSHINGS.
18. COORDINATE LOCATION OF ALL DISCONNECT SWITCHES TO ENSURE THAT ALL NEC MINIMUM WORKING CLEARANCES ARE MAINTAINED.
19. REFER TO BRANCH CIRCUIT SCHEDULES FOR CONDUCTOR SIZING. CIRCUITS FEEDING COMPUTERS SHALL CONSIST OF THE FOLLOWING:
    (1) CURRENT CARRYING CONDUCTOR
    (1) NEUTRAL CONDUCTOR
    (1) INSULATED GND. CONDUCTOR
    (1) INSULATED ISOLATED GND. CONDUCTOR
20. PROVIDE CEILING ACCESS DOORS TO GAIN ACCESS TO EQUIPMENT ABOVE HARD CEILINGS.

KEYED NOTES (APPLIES TO THIS SHEET ONLY)

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REVISIONS

PROJECT NO.

PHASE
DESIGN DEVELOPMENT

DATE
03/13/2026

DESCRIPTION
ELECTRICAL POWER FLOOR PLAN - LEVEL 1 - NEW WORK

E2.01

PROJECT # 25085

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1 ELECTRICAL POWER FLOOR PLAN - LEVEL 2 - NEW WORK

SCALE: 1/8" = 1'-0"

GENERAL POWER NOTES (THIS SHEET ONLY)

1. ALL WORK TO BE COMPLETED IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE AND AUTHORITIES HAVING JURISDICTION.
2. ALL WALL MOUNTED RECEPTACLES TO BE LOCATED 18" A.F.F. TO BOTTOM OF BOX UNLESS OTHERWISE NOTED.
3. ALL OUTLETS SHOWN AS "AC" (ABOVE COUNTER) ARE TO BE INSTALLED 3" ABOVE COUNTER OR BACK SPLASH TO BOTTOM OF BOX.
4. SINGLE HOME RUNS ARE SHOWN FOR CIRCUIT IDENTIFICATION ONLY. CONTRACTOR MAY GROUP A MAXIMUM OF THREE (3) BRANCH CIRCUITS PER HOMERUN RACEWAY, UNLESS NOTED OTHERWISE. TYPICAL FOR ALL ELECTRICAL FLOOR PLANS.
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6. ALL HOMERUNS AND RUNS BETWEEN JUNCTION BOXES TO BE A MINIMUM OF 3/4" CONDUIT WITH #10 WIRE. NO MORE THAN THREE (3) CIRCUITS PER HOMERUN. ALL WIRING SHALL HAVE A SEPARATE INSULATED GREEN GROUNDING CONDUCTOR. #10 CONDUCTORS SHALL EXTEND FROM OCPD TO A JUNCTION BOX IN THE AREA OF THE OUTLETS OR UTILIZATION EQUIPMENT. DROPS TO INDIVIDUAL 20A SWITCHES AND RECEPTACLES MAY BE #12 THHN COPPER.
7. COORDINATE LOCATIONS OF ALL POWER AND DATA OUTLETS WITH FURNITURE AND CASEWORK FOOTPRINTS PRIOR TO COMMENCING ANY DEVICE ROUGH-IN TO AVOID CONFLICTS OR LOCATING DEVICES BEHIND OR UNDER EQUIPMENT THAT WOULD RENDER THE DEVICE USELESS OR INACCESSIBLE.
8. PROVIDE U.L. LISTED FIRE STOP SYSTEMS AT ALL PENETRATIONS THROUGH WALLS.
9. ELECTRICAL CONTRACTOR SHALL COORDINATE THE INSTALLATION OF ELECTRICAL WORK ABOVE THE CEILING TO PROVIDE THE GREATEST POSSIBLE CLEARANCE FOR PLUMBING AND MECHANICAL EQUIPMENT BOTH CURRENT AND FUTURE. CONDUITS SHALL BE KEPT TIGHT TO STRUCTURE OR ROUTED THROUGH STRUCTURAL TRUSSES WHEREVER POSSIBLE.
10. ALL SWITCHES AND RECEPTACLES SHALL BE U.L. LISTED AND SHALL BE SPECIFICATION GRADE.
11. ALL FEEDER AND BRANCH CIRCUIT WIRING SHALL BE COPPER.
12. ALL JUNCTION BOX COVERS WILL BE MARKED USING "SHARPIE" OR "MARKSALOT" INDICATING THE PANEL AND CIRCUIT #'S CONTAINED WITHIN THE JUNCTION BOX.
13. ALL SWITCH AND RECEPTACLE COVER PLATES WILL BE MARKED TO INDICATE PANEL AND CIRCUIT #'S USING APPROVED LABEL MAKER.
14. IN ALL CASES VOLTAGE DROP TO LAST OUTLET MUST NOT EXCEED 3%.
15. FLEXIBLE METAL CONDUIT (FMC) CAN BE USED ONLY FOR FINAL CONNECTIONS TO LIGHT FIXTURES. RUNS LONGER THAN 6' WILL NOT BE ALLOWED.
16. LIQUIDTIGHT FLEXIBLE CONDUIT (LFMC) SHALL BE USED FOR CONNECTIONS TO EQUIPMENT AND MOTORS.
17. ALL DATA CONDUITS, SLEEVES AND STUBS SHALL BE TERMINATED WITH PLASTIC BUSHINGS.
18. COORDINATE LOCATION OF ALL DISCONNECT SWITCHES TO ENSURE THAT ALL NEC MINIMUM WORKING CLEARANCES ARE MAINTAINED.
19. REFER TO BRANCH CIRCUIT SCHEDULES FOR CONDUCTOR SIZING. CIRCUITS FEEDING COMPUTERS SHALL CONSIST OF THE FOLLOWING:
    (1) CURRENT CARRYING CONDUCTOR
    (1) NEUTRAL CONDUCTOR
    (1) INSULATED GND. CONDUCTOR
    (1) INSULATED ISOLATED GND. CONDUCTOR
20. PROVIDE CEILING ACCESS DOORS TO GAIN ACCESS TO EQUIPMENT ABOVE HARD CEILINGS.

KEYED NOTES (APPLIES TO THIS SHEET ONLY)

INTERIM REVIEW ONLY
Document incomplete:
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Engineer: Wesley McDaniel
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Firm No. F-24898

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REVISIONS

PROJECT NO.

PHASE
DESIGN DEVELOPMENT

DATE
03/13/2026

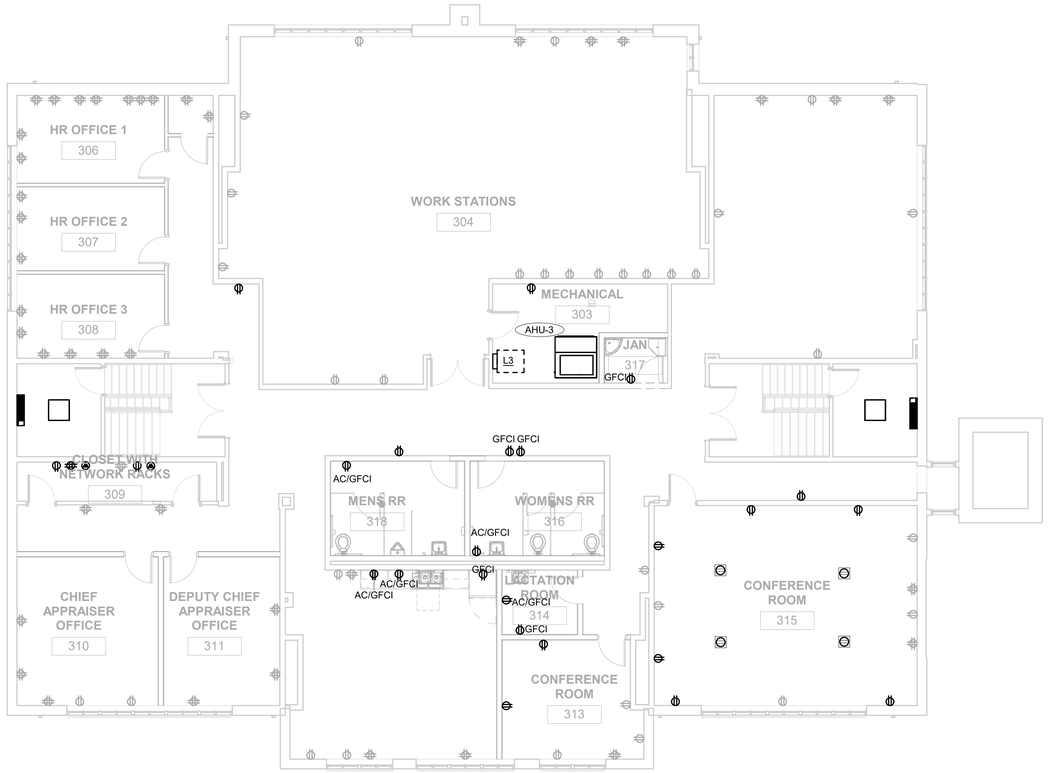
DESCRIPTION
ELECTRICAL POWER FLOOR PLAN - LEVEL 2 - NEW WORK

E2.02

PROJECT # 25085

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1 ELECTRICAL POWER FLOOR PLAN - LEVEL 3 - NEW WORK

SCALE: 1/8" = 1'-0"

GENERAL POWER NOTES (THIS SHEET ONLY)

1. ALL WORK TO BE COMPLETED IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE AND AUTHORITIES HAVING JURISDICTION.
2. ALL WALL MOUNTED RECEPTACLES TO BE LOCATED 18" A.F.F. TO BOTTOM OF BOX UNLESS OTHERWISE NOTED.
3. ALL OUTLETS SHOWN AS "AC" (ABOVE COUNTER) ARE TO BE INSTALLED 3" ABOVE COUNTER OR BACK SPLASH TO BOTTOM OF BOX.
4. SINGLE HOME RUNS ARE SHOWN FOR CIRCUIT IDENTIFICATION ONLY. CONTRACTOR MAY GROUP A MAXIMUM OF THREE (3) BRANCH CIRCUITS PER HOMERUN RACEWAY, UNLESS NOTED OTHERWISE. TYPICAL FOR ALL ELECTRICAL FLOOR PLANS.
5. MULTI-WIRED (SHARED NEUTRAL) BRANCH CIRCUITS SHALL NOT BE INSTALLED. ALL 120- & 277- VOLT BRANCH CIRCUITS SHALL HAVE A DEDICATED INDIVIDUAL NEUTRAL CONDUCTOR.
6. ALL HOMERUNS AND RUNS BETWEEN JUNCTION BOXES TO BE A MINIMUM OF 3/4" CONDUIT WITH #10 WIRE. NO MORE THAN THREE (3) CIRCUITS PER HOMERUN. ALL WIRING SHALL HAVE A SEPARATE INSULATED GREEN GROUNDING CONDUCTOR. #10 CONDUCTORS SHALL EXTEND FROM OCPD TO A JUNCTION BOX IN THE AREA OF THE OUTLETS OR UTILIZATION EQUIPMENT. DROPS TO INDIVIDUAL 20A SWITCHES AND RECEPTACLES MAY BE #12 THHN COPPER.
7. COORDINATE LOCATIONS OF ALL POWER AND DATA OUTLETS WITH FURNITURE AND CASEWORK FOOTPRINTS PRIOR TO COMMENCING ANY DEVICE ROUGH-IN TO AVOID CONFLICTS OR LOCATING DEVICES BEHIND OR UNDER EQUIPMENT THAT WOULD RENDER THE DEVICE USELESS OR INACCESSIBLE.
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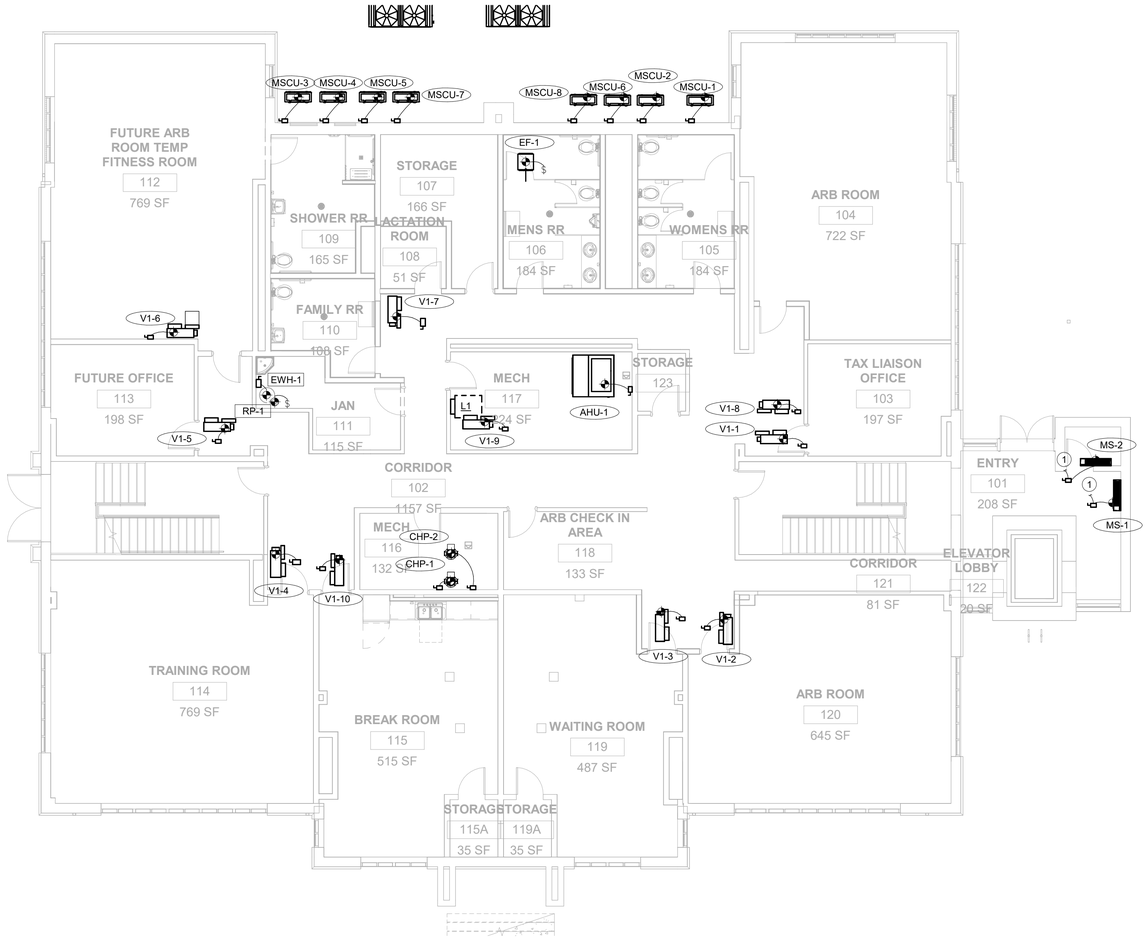
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DESCRIPTION
ELECTRICAL POWER FLOOR PLAN - LEVEL 3 - NEW WORK

E2.03

PROJECT # 25085

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1 MECHANICAL POWER FLOOR PLAN - LEVEL 1 - NEW WORK

SCALE: 1/8" = 1'-0"

KEYED NOTES (APPLIES TO THIS SHEET ONLY)

1 PROVIDE FEEDER AND ASSOCIATED EQUIPMENT CONNECTION TO INDOOR UNIT, FED FROM OUTSIDE UNIT. REFER TO MECHANICAL SCHEDULES FOR ADDITIONAL INFORMATION.

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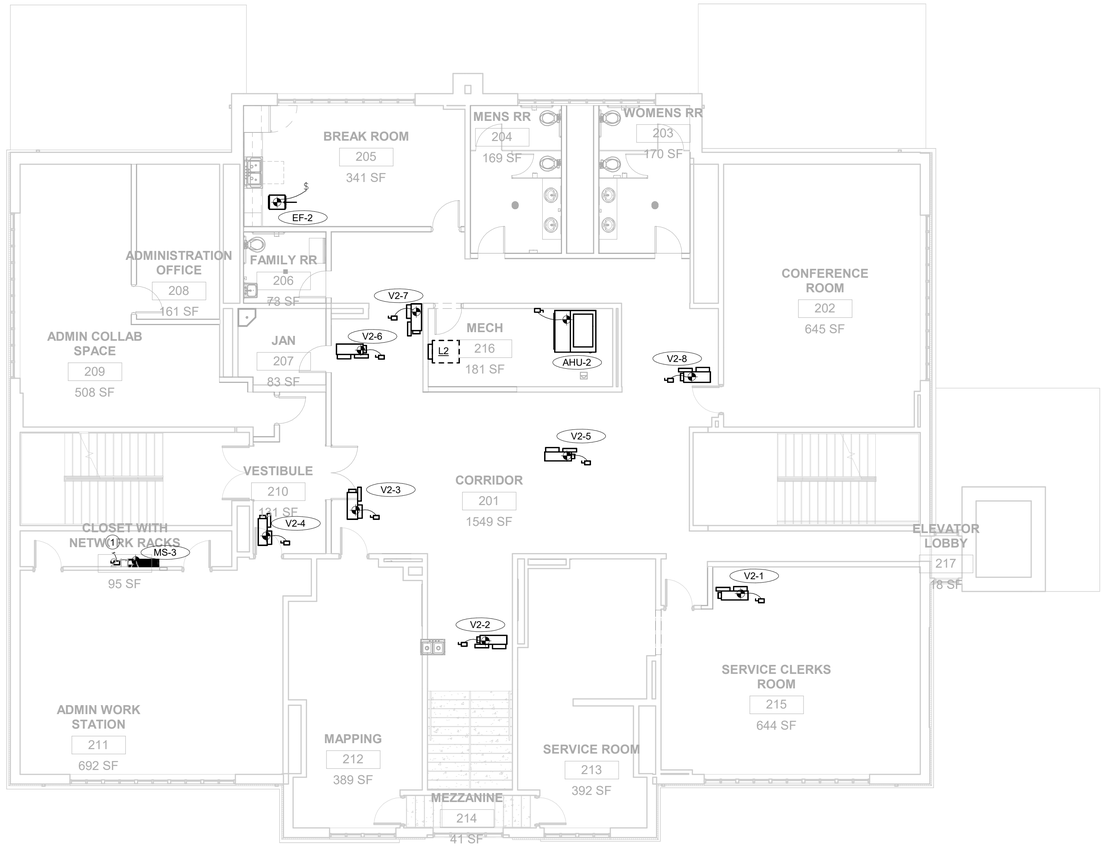
DESCRIPTION
EQUIPMENT POWER FLOOR PLAN - LEVEL 1 - NEW WORK

E2.04

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1 MECHANICAL POWER FLOOR PLAN - LEVEL 2 - NEW WORK

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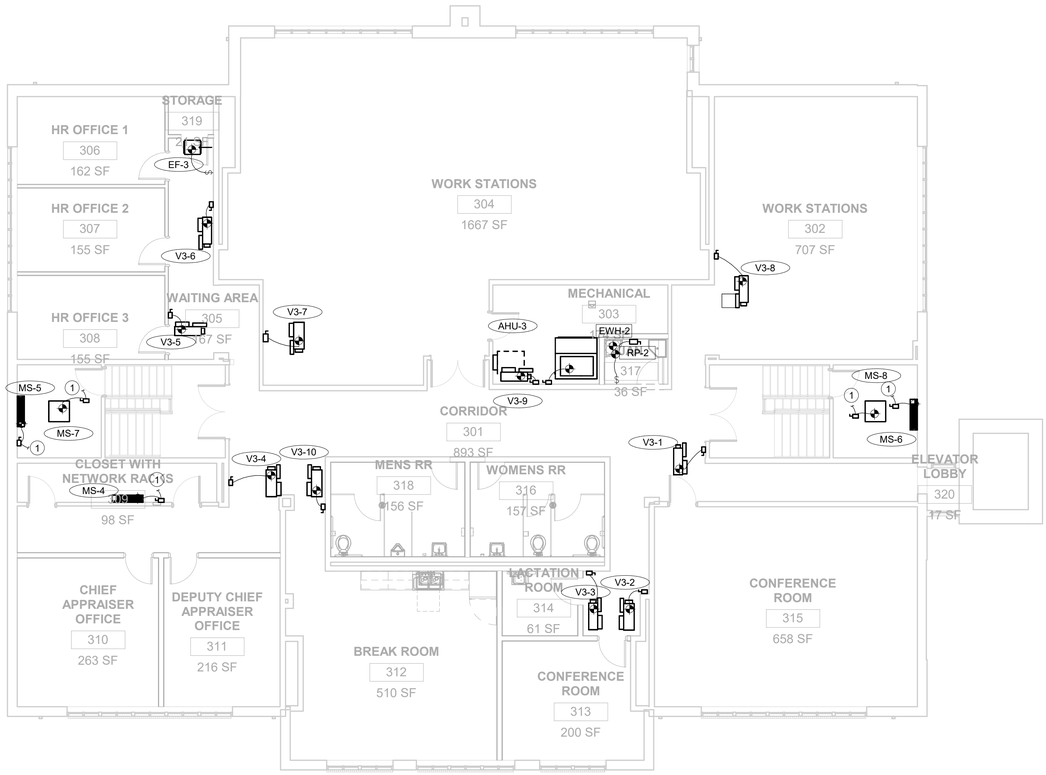
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1 MECHANICAL POWER FLOOR PLAN - LEVEL 3 - NEW WORK

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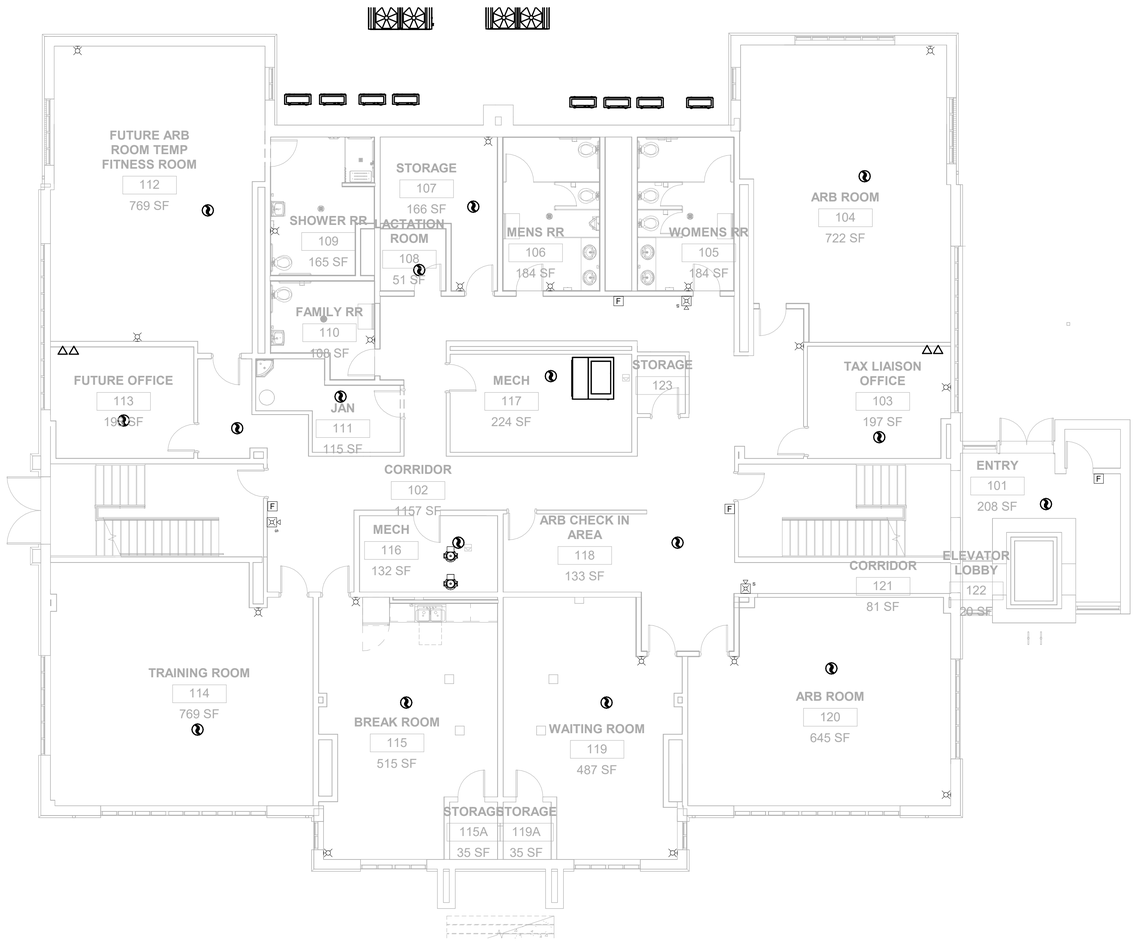
DESCRIPTION
EQUIPMENT POWER FLOOR PLAN - LEVEL 3 - NEW WORK

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1 SPECIAL SYSTEMS - LEVEL 1 - NEW WORK

SCALE: 1/8" = 1'-0"

GENERAL SPECIAL SYSTEMS NOTES (THIS SHEET ONLY)

1. ALL WORK TO BE COMPLETED IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE AND AUTHORITY HAVING JURISDICTION.
2. PROJECTOR CEILING PLATES PROVIDED BY OWNER, INSTALLED BY CONTRACTOR TO MANUFACTURERS SPECIFICATIONS.
3. ELECTRICAL CONTRACTOR SHALL COORDINATE THE INSTALLATION OF ELECTRICAL WORK ABOVE THE CEILING TO PROVIDE THE GREATEST POSSIBLE CLEARANCE FOR PLUMBING AND MECHANICAL EQUIPMENT BOTH CURRENT AND FUTURE. CONDUITS SHALL BE KEPT TIGHT TO STRUCTURE OR ROUTED THROUGH STRUCTURAL TRUSSES WHEREVER POSSIBLE.
4. COORDINATE LOCATIONS OF ALL SPECIAL SYSTEMS OUTLETS WITH FURNITURE AND CASEWORK FOOTPRINTS PRIOR TO COMMENCING ANY DEVICE ROUGH-IN TO AVOID CONFLICTS OR LOCATING DEVICES BEHIND OR UNDER EQUIPMENT THAT WOULD RENDER THE DEVICE USELESS OR INACCESSIBLE.
5. PROVIDE U.L. LISTED FIRE STOP SYSTEMS AT ALL PENETRATIONS THROUGH WALLS.
6. ALL DATA CONDUITS, SLEEVES AND STUBS SHALL BE TERMINATED WITH PLASTIC BUSHINGS.
7. ALL TELEPHONE AND DATA BACK BOXES SHALL BE 4" SQUARE STEEL BOX WITH SINGLE GANG RING. CONDUITS SHALL BE MINIMUM 1". ROUTE CONDUIT FROM DATA OUTLET TO AREA ABOVE ACCESSIBLE CEILING. TERMINATE WITH PLASTIC BUSHING. WHERE CABLE TRAY IS UTILIZED, EXTEND CONDUIT TO CABLE TRAY. BOND CONDUIT TO TRAY. IN AREAS THAT HAVE RAISED ACCESS FLOORING ROUTE CONDUIT DOWN INTO RAISED ACCESS FLOOR SYSTEM. TERMINATE ALL CONDUITS WITH PLASTIC BUSHINGS.
8. WHERE CABLE TRAY IS NOT ACCESSIBLE ALL SPECIAL SYSTEMS CABLING SHALL BE RUN ON J-HOOKS OR D RINGS AND OFF OF THE CEILING GRID. CABLES SHALL NOT BE SUPPORTED BY CEILING GRID SUPPORT SYSTEM.
9. ALL CABLING SHALL BE PLENUM RATED.
10. DO NOT INSTALL TELE/DATA CABLING PARALLEL TO ANY ELECTRICAL CONDUCTORS. TELE/DATA CABLE SHALL CROSS 90-DEGREE PERPENDICULAR TO ANY ELECTRICAL CONDUIT CARRYING ELECTRICAL CONDUCTORS.
11. ALL SMOKE AND HEAT DETECTORS SHALL BE POWERED FROM AND BE RESETTABLE AT THE FIRE ALARM PANEL.
12. THE FIRE ALARMS CONTROL PANEL SHALL SHUNT ALL FAN/COIL UNITS IN THE EVENT OF A FIRE. PROVIDE RELAYS FOR ALL FAN/COIL UNITS AND CONNECT TO FIRE ALARM SYSTEM.
13. DUCT SMOKE DETECTORS TO BE PROVIDED AND INSTALLED BY THE FIRE ALARM SYSTEMS INSTALLER. COORDINATE WITH MECHANICAL CONTRACTOR.
14. THE MECHANICAL CONTRACTOR IS RESPONSIBLE FOR WIRING BETWEEN THE FIRE ALARM LOW VOLTAGE RELAY AND HVAC CONTROL EQUIPMENT.
15. THE FIRE ALARM SYSTEMS CONTRACTOR SHALL PROVIDE ALL FIRE ALARM SYSTEM HARDWARE AS REQUIRED TO ACHIEVE COMPLETE SYSTEM FUNCTIONALITY AND ACCEPTANCE BY THE AUTHORITIES HAVING JURISDICTION.
16. COORDINATE INSTALLATION AND CERTIFICATION OF NEW FIRE ALARM SYSTEM DEVICES WITH AN AUTHORIZED REPRESENTATIVE.
17. WHERE APPLICABLE, ALL FIRE ALARM DEVICES SHALL BE CEILING MOUNT.
18. THE CONTRACTOR SHALL FURNISH SERVICE, MAINTENANCE AND REMOTE STATION MONITORING FEES OF FIRE ALARM SYSTEM FOR ONE (1) YEAR FROM DATE OF SUBSTANTIAL COMPLETION.
19. THE FIRE ALARM SYSTEMS INSTALLER SHALL PROVIDE AT NO COST TO OWNER SEMI-ANNUAL TESTS AND INSPECTIONS OF FIRE ALARM SYSTEM AND COMPONENTS DURING FIRST YEAR FROM DATE OF SUBSTANTIAL COMPLETION.
20. TYPICAL FOR ALL MANUAL PULL STATIONS - PROVIDE GUARD (PROTECTIVE COVER) OVER PULL STATION EQUIVALENT TO STI STOPPER II #STI-1130.

KEYED NOTES (APPLIES TO THIS SHEET ONLY)

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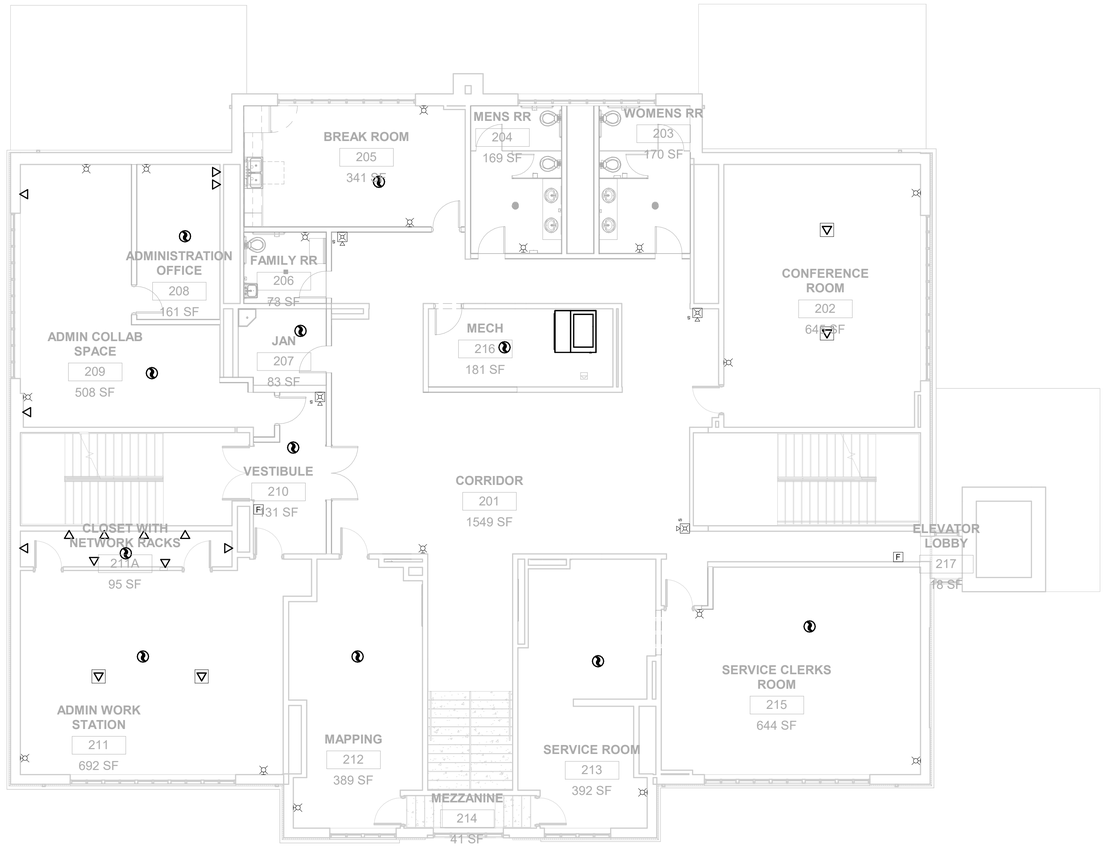
DATE
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DESCRIPTION
SPECIAL SYSTEMS FLOOR PLAN - LEVEL 1 - NEW WORK

E3.01

PROJECT # 25085
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1 SPECIAL SYSTEMS - LEVEL 2 - NEW WORK

SCALE: 1/8" = 1'-0"

GENERAL SPECIAL SYSTEMS NOTES (THIS SHEET ONLY)

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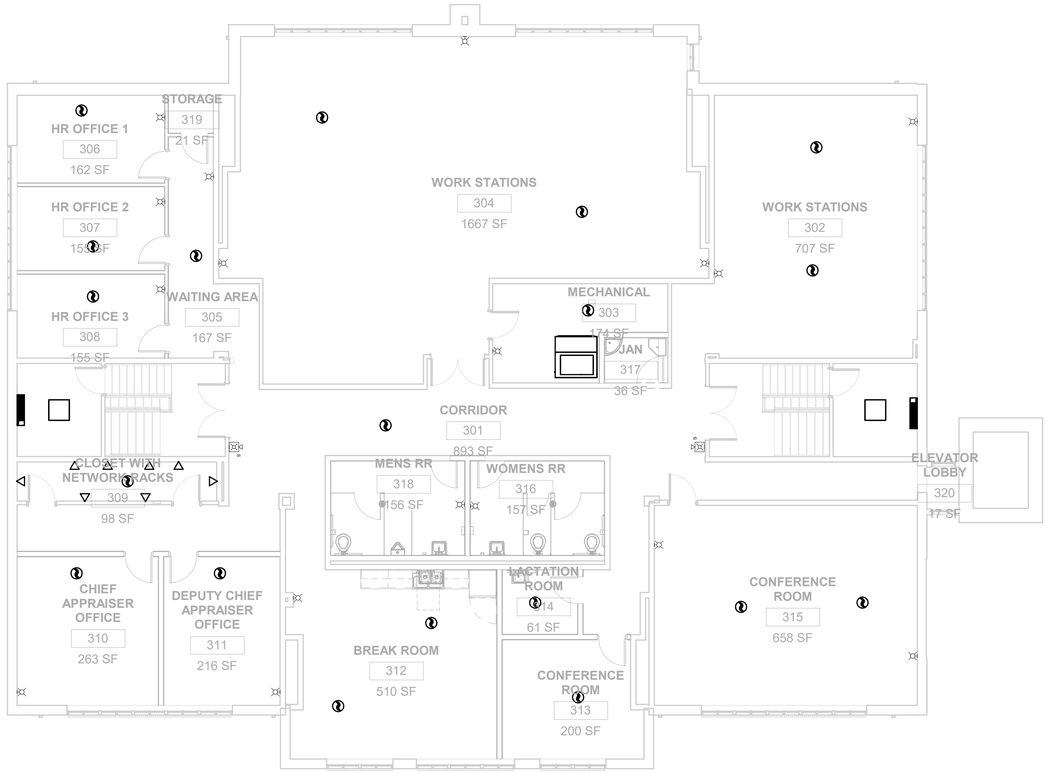
DESCRIPTION
SPECIAL SYSTEMS FLOOR PLAN - LEVEL 2 - NEW WORK

E3.02

PROJECT # 25085

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1 SPECIAL SYSTEMS - LEVEL 3 - NEW WORK

SCALE: 1/8" = 1'-0"

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6. ALL DATA CONDUITS, SLEEVES AND STUBS SHALL BE TERMINATED WITH PLASTIC BUSHINGS.
7. ALL TELEPHONE AND DATA BACK BOXES SHALL BE 4" SQUARE STEEL BOX WITH SINGLE GANG RING. CONDUITS SHALL BE MINIMUM 1". ROUTE CONDUIT FROM DATA OUTLET TO AREA ABOVE ACCESSIBLE CEILING. TERMINATE WITH PLASTIC BUSHING. WHERE CABLE TRAY IS UTILIZED, EXTEND CONDUIT TO CABLE TRAY. BOND CONDUIT TO TRAY. IN AREAS THAT HAVE RAISED ACCESS FLOORING ROUTE CONDUIT DOWN INTO RAISED ACCESS FLOOR SYSTEM. TERMINATE ALL CONDUITS WITH PLASTIC BUSHINGS.
8. WHERE CABLE TRAY IS NOT ACCESSIBLE ALL SPECIAL SYSTEMS CABLING SHALL BE RUN ON J-HOOKS OR D RINGS AND OFF OF THE CEILING GRID. CABLES SHALL NOT BE SUPPORTED BY CEILING GRID SUPPORT SYSTEM.
9. ALL CABLING SHALL BE PLENUM RATED.
10. DO NOT INSTALL TELE/DATA CABLING PARALLEL TO ANY ELECTRICAL CONDUCTORS. TELE/DATA CABLE SHALL CROSS 90-DEGREE PERPENDICULAR TO ANY ELECTRICAL CONDUIT CARRYING ELECTRICAL CONDUCTORS.
11. ALL SMOKE AND HEAT DETECTORS SHALL BE POWERED FROM AND BE RESETTABLE AT THE FIRE ALARM PANEL.
12. THE FIRE ALARMS CONTROL PANEL SHALL SHUNT ALL FAN/COIL UNITS IN THE EVENT OF A FIRE. PROVIDE RELAYS FOR ALL FAN/COIL UNITS AND CONNECT TO FIRE ALARM SYSTEM.
13. DUCT SMOKE DETECTORS TO BE PROVIDED AND INSTALLED BY THE FIRE ALARM SYSTEMS INSTALLER. COORDINATE WITH MECHANICAL CONTRACTOR.
14. THE MECHANICAL CONTRACTOR IS RESPONSIBLE FOR WIRING BETWEEN THE FIRE ALARM LOW VOLTAGE RELAY AND HVAC CONTROL EQUIPMENT.
15. THE FIRE ALARM SYSTEMS CONTRACTOR SHALL PROVIDE ALL FIRE ALARM SYSTEM HARDWARE AS REQUIRED TO ACHIEVE COMPLETE SYSTEM FUNCTIONALITY AND ACCEPTANCE BY THE AUTHORITIES HAVING JURISDICTION.
16. COORDINATE INSTALLATION AND CERTIFICATION OF NEW FIRE ALARM SYSTEM DEVICES WITH AN AUTHORIZED REPRESENTATIVE.
17. WHERE APPLICABLE, ALL FIRE ALARM DEVICES SHALL BE CEILING MOUNT.
18. THE CONTRACTOR SHALL FURNISH SERVICE, MAINTENANCE AND REMOTE STATION MONITORING FEES OF FIRE ALARM SYSTEM FOR ONE (1) YEAR FROM DATE OF SUBSTANTIAL COMPLETION.
19. THE FIRE ALARM SYSTEMS INSTALLER SHALL PROVIDE AT NO COST TO OWNER SEMI-ANNUAL TESTS AND INSPECTIONS OF FIRE ALARM SYSTEM AND COMPONENTS DURING FIRST YEAR FROM DATE OF SUBSTANTIAL COMPLETION.
20. TYPICAL FOR ALL MANUAL PULL STATIONS - PROVIDE GUARD (PROTECTIVE COVER) OVER PULL STATION EQUIVALENT TO STI STOPPER II #STI-1130.

KEYED NOTES (APPLIES TO THIS SHEET ONLY)

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MARY ERSKINE BUILDING RENOVATION
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REVISIONS

PROJECT NO.

PHASE
DESIGN DEVELOPMENT

DATE
03/13/2026

DESCRIPTION
SPECIAL SYSTEMS FLOOR PLAN - LEVEL 3 - NEW WORK

E3.03

PROJECT # 25085

CL Consulting Engineers
MEP ENGINEERING | COMMISSIONING
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F-24898

Branch Panel: L1

Location: | **Supply From:** | **Mounting:** SURFACE | **Enclosure:** NEMA 1

Volts: 120/208 Wye | **Phases:** 3 | **Wires:** 4

A.I.C. Rating: 22000 A | **Mains Type:** MCB | **Mains Rating:** 225 A

AFI=ARC FAULT
GFCI=GROUND FAULT
GFPE=EQUIPMENT PROTECTION
SHNT=SHUNT TRIP

CB Type	C...	Circuit Description	Type	Trip	Poles	A	B	C	Poles	Trip	Type	Circuit Description	C...	CB Type
	1												2	
	3												4	
	5												6	
	7												8	
	9												10	
	11												12	
	13												14	
	15												16	
	17												18	
	19												20	
	21												22	
	23												24	
	25												26	
	27												28	
	29												30	
	31												32	
	33												34	
	35												36	
	37												38	
	39												40	
	41												42	
				Total Load:		0 VA	0 VA	0 VA						
				Total Amps:		0 A	0 A	0 A						

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
				Total Conn. Load(KVA):	0 VA
				Total Demand(KVA):	0 VA
				Total Demand(Amps):	0 A

Notes:

Branch Panel: L2

Location: MECH 216 | **Supply From:** | **Mounting:** SURFACE | **Enclosure:** NEMA 1

Volts: 120/208 Wye | **Phases:** 3 | **Wires:** 4

A.I.C. Rating: 22000 A | **Mains Type:** MCB | **Mains Rating:** 225 A

AFI=ARC FAULT
GFCI=GROUND FAULT
GFPE=EQUIPMENT PROTECTION
SHNT=SHUNT TRIP

CB Type	C...	Circuit Description	Type	Trip	Poles	A	B	C	Poles	Trip	Type	Circuit Description	C...	CB Type
	1												2	
	3												4	
	5												6	
	7												8	
	9												10	
	11												12	
	13												14	
	15												16	
	17												18	
	19												20	
	21												22	
	23												24	
	25												26	
	27												28	
	29												30	
	31												32	
	33												34	
	35												36	
	37												38	
	39												40	
	41												42	
				Total Load:		0 VA	0 VA	0 VA						
				Total Amps:		0 A	0 A	0 A						

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
				Total Conn. Load(KVA):	0 VA
				Total Demand(KVA):	0 VA
				Total Demand(Amps):	0 A

Notes:

Branch Panel: L3

Location: MECHANICAL 303 | **Supply From:** | **Mounting:** SURFACE | **Enclosure:** NEMA 1

Volts: 120/208 Wye | **Phases:** 3 | **Wires:** 4

A.I.C. Rating: 22000 A | **Mains Type:** MCB | **Mains Rating:** 225 A

AFI=ARC FAULT
GFCI=GROUND FAULT
GFPE=EQUIPMENT PROTECTION
SHNT=SHUNT TRIP

CB Type	C...	Circuit Description	Type	Trip	Poles	A	B	C	Poles	Trip	Type	Circuit Description	C...	CB Type
	1												2	
	3												4	
	5												6	
	7												8	
	9												10	
	11												12	
	13												14	
	15												16	
	17												18	
	19												20	
	21												22	
	23												24	
	25												26	
	27												28	
	29												30	
	31												32	
	33												34	
	35												36	
	37												38	
	39												40	
	41												42	
				Total Load:		0 VA	0 VA	0 VA						
				Total Amps:		0 A	0 A	0 A						

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
				Total Conn. Load(KVA):	0 VA
				Total Demand(KVA):	0 VA
				Total Demand(Amps):	0 A

Notes:

Electrical Equipment Connection Schedule

HVAC Unit Designation	HP	LML	FLA	Subload kW	MCA	MOCP	Total kW	Voltage	Ph	Disconnect	Feeder	Panel Name	Circuit #	Remarks
AHU-1	3		15.0 A		17.0 A	20 A	5.4 kW	208 V	3	30A/3P/NF/N1	(1) 3/4"C. EA. W/ (3)-#10, (1)-#10N, (1)-#10GND			
AHU-2	3		15.0 A		17.0 A	20 A	5.4 kW	208 V	3	30A/3P/NF/N1	(1) 3/4"C. EA. W/ (3)-#10, (1)-#10N, (1)-#10GND			
AHU-3	3		15.0 A		17.0 A	20 A	5.4 kW	208 V	3	30A/3P/NF/N1	(1) 3/4"C. EA. W/ (3)-#10, (1)-#10N, (1)-#10GND			
CHP-1	5		16.7 A		20.9 A	25 A	6.0 kW	208 V	3	30A/3P/NF/N1	(1) 3/4"C. EA. W/ (3)-#10, (1)-#10N, (1)-#10GND			
CHP-2	5		16.7 A		20.9 A	25 A	6.0 kW	208 V	3	30A/3P/NF/N1	(1) 3/4"C. EA. W/ (3)-#10, (1)-#10N, (1)-#10GND			
EF-1	3/4		13.8 A		17.3 A	20 A	1.7 kW	120 V	1	TOGGLE	(1) 3/4"C. EA. W/ (2)-#12, (1)-#12GND			
EF-2	1/2		9.8 A		12.3 A	15 A	1.2 kW	120 V	1	TOGGLE	(1) 3/4"C. EA. W/ (2)-#12, (1)-#12GND			
EF-3	1/2		9.8 A		12.3 A	15 A	1.2 kW	120 V	1	TOGGLE	(1) 3/4"C. EA. W/ (2)-#12, (1)-#12GND			
EWH-1			28.9 A			40 A	6.0 kW	208 V	1	60A/2P/NF/N1	(1) 3/4"C. EA. W/ (2)-#8,(1)-#8N, (1)-#10GND			
EWH-2			28.9 A			40 A	6.0 kW	208 V	1	60A/2P/NF/N1	(1) 3/4"C. EA. W/ (2)-#8,(1)-#8N, (1)-#10GND			
MS-1						15 A	0.0 kW	208 V	1	30A/2P/NF/N1	(1) 3/4"C. EA. W/ (2)-#12,(1)-#12N, (1)-#12GND			
MS-2						15 A	0.0 kW	208 V	1	30A/2P/NF/N1	(1) 3/4"C. EA. W/ (2)-#12,(1)-#12N, (1)-#12GND			
MS-3						15 A	0.0 kW	208 V	1	30A/2P/NF/N1	(1) 3/4"C. EA. W/ (2)-#12,(1)-#12N, (1)-#12GND			
MS-4						15 A	0.0 kW	208 V	1	30A/2P/NF/N1	(1) 3/4"C. EA. W/ (2)-#12,(1)-#12N, (1)-#12GND			
MS-5						15 A	0.0 kW	208 V	1	30A/2P/NF/N1	(1) 3/4"C. EA. W/ (2)-#12,(1)-#12N, (1)-#12GND			
MS-6						15 A	0.0 kW	208 V	1	30A/2P/NF/N1	(1) 3/4"C. EA. W/ (2)-#12,(1)-#12N, (1)-#12GND			
MS-7						15 A	0.0 kW	208 V	1	30A/2P/NF/N1	(1) 3/4"C. EA. W/ (2)-#12,(1)-#12N, (1)-#12GND			
MS-8						15 A	0.0 kW	208 V	1	30A/2P/NF/N1	(1) 3/4"C. EA. W/ (2)-#12,(1)-#12N, (1)-#12GND			
MSCU-1			9.6 A		12.0 A	15 A	2.0 kW	208 V	1	30A/2P/NF/N1	(1) 3/4"C. EA. W/ (2)-#12,(1)-#12N, (1)-#12GND			
MSCU-2			9.6 A		12.0 A	15 A	2.0 kW	208 V	1	30A/2P/NF/N1	(1) 3/4"C. EA. W/ (2)-#12,(1)-#12N, (1)-#12GND			
MSCU-3			15.2 A		19.0 A	30 A	3.2 kW	208 V	1	30A/2P/NF/N1	(1) 3/4"C. EA. W/ (2)-#10,(1)-#10N, (1)-#10GND			
MSCU-4			15.2 A		19.0 A	30 A	3.2 kW	208 V	1	30A/2P/NF/N1	(1) 3/4"C. EA. W/ (2)-#10,(1)-#10N, (1)-#10GND			
MSCU-5			15.2 A		19.0 A	30 A	3.2 kW	208 V	1	30A/2P/NF/N1	(1) 3/4"C. EA. W/ (2)-#10,(1)-#10N, (1)-#10GND			
MSCU-6			15.2 A		19.0 A	30 A	3.2 kW	208 V	1	30A/2P/NF/N1	(1) 3/4"C. EA. W/ (2)-#10,(1)-#10N, (1)-#10GND			
MSCU-7			10.7 A		13.4 A	15 A	2.2 kW	208 V	1	30A/2P/NF/N1	(1) 3/4"C. EA. W/ (2)-#12,(1)-#12N, (1)-#12GND			
MSCU-8			10.7 A		13.4 A	15 A	2.2 kW	208 V	1	30A/2P/NF/N1	(1) 3/4"C. EA. W/ (2)-#12,(1)-#12N, (1)-#12GND			
RP-1			1.6 A		2.0 A	15 A	0.2 kW	120 V	1	TOGGLE	(1) 3/4"C. EA. W/ (2)-#12, (1)-#12GND			
RP-2			1.6 A		2.0 A	15 A	0.2 kW	120 V	1	TOGGLE	(1) 3/4"C. EA. W/ (2)-#12, (1)-#12GND			
V1-1			5.4 A		6.8 A	15 A	2.0 kW	208 V	3	30A/3P/NF/N1	(1) 3/4"C. EA. W/ (3)-#10, (1)-#10N, (1)-#10GND			
V1-2			17.5 A		21.9 A	25 A	6.3 kW	208 V	3	30A/3P/NF/N1	(1) 3/4"C. EA. W/ (3)-#10, (1)-#10N, (1)-#10GND			
V1-3			8.8 A		11.0 A	15 A	3.2 kW	208 V	3	30A/3P/NF/N1	(1) 3/4"C. EA. W/ (3)-#10, (1)-#10N, (1)-#10GND			
V1-4			25.1 A		31.4 A	35 A	9.0 kW	208 V	3	60A/3P/NF/N1	(1) 3/4"C. EA. W/ (3)-#10, (1)-#10N, (1)-#10GND			
V1-5			5.8 A		7.2 A	15 A	2.1 kW	208 V	3	30A/3P/NF/N1	(1) 3/4"C. EA. W/ (3)-#10, (1)-#10N, (1)-#10GND			
V1-6			17.5 A		21.9 A	25 A	6.3 kW	208 V	3	30A/3P/NF/N1	(1) 3/4"C. EA. W/ (3)-#10, (1)-#10N, (1)-#10GND			
V1-7			25.1 A		31.4 A	35 A	9.0 kW	208 V	3	60A/3P/NF/N1	(1) 3/4"C. EA. W/ (3)-#10, (1)-#10N, (1)-#10GND			
V1-8			18.5 A		23.1 A	25 A	6.7 kW	208 V	3	30A/3P/NF/N1	(1) 3/4"C. EA. W/ (3)-#10, (1)-#10N, (1)-#10GND			
V1-9			10.0 A		12.5 A	15 A	3.6 kW	208 V	3	30A/3P/NF/N1	(1) 3/4"C. EA. W/ (3)-#10, (1)-#10N, (1)-#10GND			
V1-10			11.8 A		14.8 A	15 A	4.3 kW	208 V	3	30A/3P/NF/N1	(1) 3/4"C. EA. W/ (3)-#10, (1)-#10N, (1)-#10GND			
V2-1			3.7 A		4.6 A	15 A	1.3 kW	208 V	3	30A/3P/NF/N1	(1) 3/4"C. EA. W/ (3)-#10, (1)-#10N, (1)-#10GND			
V2-2			16.6 A		20.8 A	25 A	6.0 kW	208 V	3	30A/3P/NF/N1	(1) 3/4"C. EA. W/ (3)-#10, (1)-#10N, (1)-#10GND			
V2-3			15.8 A		19.7 A	20 A	5.7 kW	208 V	3	30A/3P/NF/N1	(1) 3/4"C. EA. W/ (3)-#10, (1)-#10N, (1)-#10GND			
V2-4			17.5 A		21.9 A	25 A	6.3 kW	208 V	3	30A/3P/NF/N1	(1) 3/4"C. EA. W/ (3)-#10, (1)-#10N, (1)-#10GND			
V2-5			13.3 A		16.6 A	20 A	4.8 kW	208 V	3	30A/3P/NF/N1	(1) 3/4"C. EA. W/ (3)-#10, (1)-#10N, (1)-#10GND			
V2-6			19.4 A		24.2 A	25 A	7.0 kW	208 V	3	30A/3P/NF/N1	(1) 3/4"C. EA. W/ (3)-#10, (1)-#10N, (1)-#10GND			
V2-7			20.0 A		25.0 A	25 A	7.2 kW	208 V	3	30A/3P/NF/N1	(1) 3/4"C. EA. W/ (3)-#10, (1)-#10N, (1)-#10GND			
V2-8			22.7 A		28.4 A	30 A	8.2 kW	208 V	3	30A/3P/NF/N1	(1) 3/4"C. EA. W/ (3)-#10, (1)-#10N, (1)-#10GND			
V3-1			5.1 A		6.4 A	15 A	1.8 kW	208 V	3	30A/3P/NF/N1	(1) 3/4"C. EA. W/ (3)-#10, (1)-#10N, (1)-#10GND			
V3-2			21.8 A		27.2 A	30 A	7.8 kW	208 V	3	30A/3P/NF/N1	(1) 3/4"C. EA. W/ (3)-#10, (1)-#10N, (1)-#10GND			
V3-3			9.4 A		11.7 A	15 A	3.4 kW	208 V	3	30A/3P/NF/N1	(1) 3/4"C. EA. W/ (3)-#10, (1)-#10N, (1)-#10GND			
V3-4			17.5 A		21.9 A	25 A	6.3 kW	208 V	3	30A/3P/NF/N1	(1) 3/4"C. EA. W/ (3)-#10, (1)-#10N, (1)-#10GND			
V3-5			10.9 A		13.6 A	15 A	3.9 kW	208 V	3	30A/3P/NF/N1	(1) 3/4"C. EA. W/ (3)-#10, (1)-#10N, (1)-#10GND			
V3-6			7.6 A		9.5 A	15 A	2.7 kW	208 V	3	30A/3P/NF/N1	(1) 3/4"C. EA. W/ (3)-#10, (1)-#10N, (1)-#10GND			
V3-7			27.0 A		33.7 A	35 A	9.7 kW	208 V	3	60A/3P/NF/N1	(1) 3/4"C. EA. W/ (3)-#10, (1)-#10N, (1)-#10GND			
V3-8			17.5 A		21.9 A	25 A	6.3 kW	208 V	3	30A/3P/NF/N1	(1) 3/4"C. EA. W/ (3)-#10, (1)-#10N, (1)-#10GND			
V3-9			13.0 A		16.3 A	20 A	4.7 kW	208 V	3	30A/3P/NF/N1	(1) 3/4"C. EA. W/ (3)-#10, (1)-#10N, (1)-#10GND			
V3-10			16.3 A		20.4 A	25 A	5.9 kW	208 V	3	30A/3P/NF/N1	(1) 3/4"C. EA. W/ (3)-#10, (1)-#10N, (1)-#10GND			

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APPRAISAL DISTRICT
MARY ERSKINE BUILDING RENOVATION
216 E COLLEGE ST
SEGUIN, TEXAS 78155

REVISIONS

PROJECT NO.

PHASE
DESIGN DEVELOPMENT

DATE
03/13/2026

DESCRIPTION
ELECTRICAL SCHEDULES

E5.01

PROJECT # 25085

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F-24898

FIRE PROTECTION SYMBOLS AND NOTES

(NOT ALL ITEMS INDICATED APPLY TO THIS PROJECT)

FIRE PROTECTION SYMBOLS

- FLOW SWITCH
- TAMPER SWITCH
- FIRE HOSE CABINET
- SPRINKLER FLOOR CONTROL STATION
- FIRE DEPARTMENT SIAMESE CONNECTION (WALL MOUNTED)
- FIRE DEPARTMENT SIAMESE CONNECTION (FREE STANDING)
- WATER GONG (SEE DETAILS FOR TYPE)
- (EXIST) EXISTING SYSTEMS *LINE TYPE MAY VARY BY SYSTEM
- (FP) FIRE PROTECTION LINE, WET
- (FPD) FIRE PROTECTION LINE DRY

FIRE PROTECTION FITTING SYMBOLS

- CAP ON END OF PIPE
- ELBOW UP
- ELBOW DOWN
- VALVE IN DROP
- VALVE IN RISE
- DIRECTION OF FLOW
- DIRECTION OF SLOPE DOWN
- CONCENTRIC REDUCER
- TEE OUTLET UP
- TEE OUTLET DOWN
- UNION
- FLANGE
- PIPE ANCHOR / SUPPORT
- EXPANSION JOINT
- STRAINER WITH BLOW-DOWN VALVE
- GATE VALVE OR BALANCING/STOP VALVE
- GLOBE VALVE
- BALL VALVE
- BALANCING VALVE WITH DIFFERENTIAL PRESSURE TAPS
- OS&Y VALVE
- CHECK VALVE
- BUTTERFLY VALVE
- TWO-WAY MODULATING CONTROL VALVE
- THREE-WAY MODULATING CONTROL VALVE
- SOLENOID VALVE
- PRESSURE REDUCING VALVE
- T&P RELIEF VALVE
- MANUAL AIR VENT
- AUTOMATIC AIR VENT
- PRESSURE GAUGE
- WATER METER
- FLEXIBLE CONNECTION
- PRESSURE AND TEMPERATURE TAP
- FLOW VENTURI
- VACUUM BREAKER
- VACUUM RELIEF VALVE
- BACKFLOW PREVENTOR

GENERAL FIRE PROTECTION NOTES

1. PROVIDE A COMPLETE FIRE SPRINKLER SYSTEM FOR THE PROTECTION OF ALL AREAS. FINAL PIPE ROUTING SHALL BE COORDINATED WITH STRUCTURAL ARCHITECTURAL, CEILINGS GRID, DUCTWORK, PIPING, CONDUIT AND LIGHTING FIXTURES.
2. SPRINKLER HEAD LAYOUT AND PIPING SHALL BE DESIGNED AND INSTALLED IN ACCORDANCE WITH NFPA-13 (THE LATEST EDITION OF) AND WITH GOVERNING STATE AND CITY REGULATIONS/CODES. APPLICABLE CODES ALSO INCLUDE THE LATEST EDITION OF NFPA 101 AND IBC. THE CONTRACTOR SHALL PERFORM AND SUBMIT HYDRAULIC CALCULATIONS OF THE PIPING SYSTEM AND SHALL SUBMIT PIPING SHOP DRAWINGS FOR APPROVAL INDICATING HEAD LOCATIONS ON A REFLECTED CEILING PLAN.
3. WITHIN LAY IN CEILINGS, SPRINKLER HEADS SHALL BE CENTERED IN AT LEAST ONE DIRECTION OF CEILING TILE, IN A SYMMETRICAL PATTERN. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN.
4. WITHIN GYP. BOARD CEILINGS, SPRINKLER HEADS SHALL BE CENTERED EVENLY BETWEEN LIGHTING FIXTURES. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN.
5. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONFIRM THAT FULL SPRINKLER PROTECTION IS PROVIDED THROUGH OUT THE BUILDING IN ACCORDANCE WITH NFPA-13.
6. CODES MAY REQUIRE A FIRE WATCH DURING SYSTEM INSTALLATION. WRITTEN PROOF THAT A RESPONSIBLE AND DEDICATED FIRE WATCHMAN WAS/IS ON SITE SHALL BE GIVEN TO THE OWNER DAILY WITH COMMENTS.
7. THE CONTRACTOR IS EXPECTED, AS A REQUIREMENT OF THEIR QUALIFICATIONS, TO UTILIZE THEIR KNOWLEDGE AND EXPERIENCE TO ANTICIPATE AND TO INCLUDE IN THE COST OF THE WORK ANY INCIDENTALS, WHICH MAY BE REQUIRED, BUT NOT SPECIFICALLY EXPRESSED HEREIN, IN ORDER TO PROVIDE A COMPLETE AND FULLY FUNCTIONAL FIRE PROTECTION SYSTEM FOR THE PROJECT.
8. PIPING PENETRATIONS THROUGH FIRE RATED ASSEMBLIES SHALL BE SEALED WITH APPROVED FIRE STOPPING SEALANTS AND/OR ASSEMBLIES. FIRE STOP LABELS ARE TO BE AFFIXED TO WALL ADJACENT TO PENETRATION INDICATING BRAND/TYPE OF MATERIAL USED AND DATE OF INSTALLATION.
9. INSTALL AND SUPPORT PIPING IN ACCORDANCE WITH NFPA 13.
10. ROUTE PIPING PLUMB AND PARALLEL TO BUILDING STRUCTURE.
11. SLOPE PIPING AND ARRANGE PIPING TO DRAIN TO LOW POINTS.
12. CONTRACTOR SHALL PERFORM HYDROSTATIC TESTS OF THE ENTIRE PROJECT PIPING SYSTEM UPON COMPLETION OF WORK AS REQUIRED BY NFPA 13.
13. CONTRACTOR SHALL PROTECT ALL OPEN ENDS OF THE FIRE SPRINKLER PIPING FROM FOREIGN CONTAMINANTS DURING CONSTRUCTION.

MISCELLANEOUS SYMBOLS

- POINT OF NEW CONNECTION TO EXISTING PIPE
- 1 — PLUMBING KEYED NOTE TAG
- 1 — DEMO FIRE PROTECTION KEYED NOTE TAG
- 1 — FIRE PROTECTION KEYED NOTE TAG
- REVISION TAG
- WC-1 — FIXTURE TAG
- 3"CW — PIPE SIZE AND TYPE
- 2 / P2.1 — DETAIL NUMBER AND SHEET NUMBER WHERE DETAIL OR ENLARGEMENT IS SHOWN

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REVISIONS

PROJECT NO.

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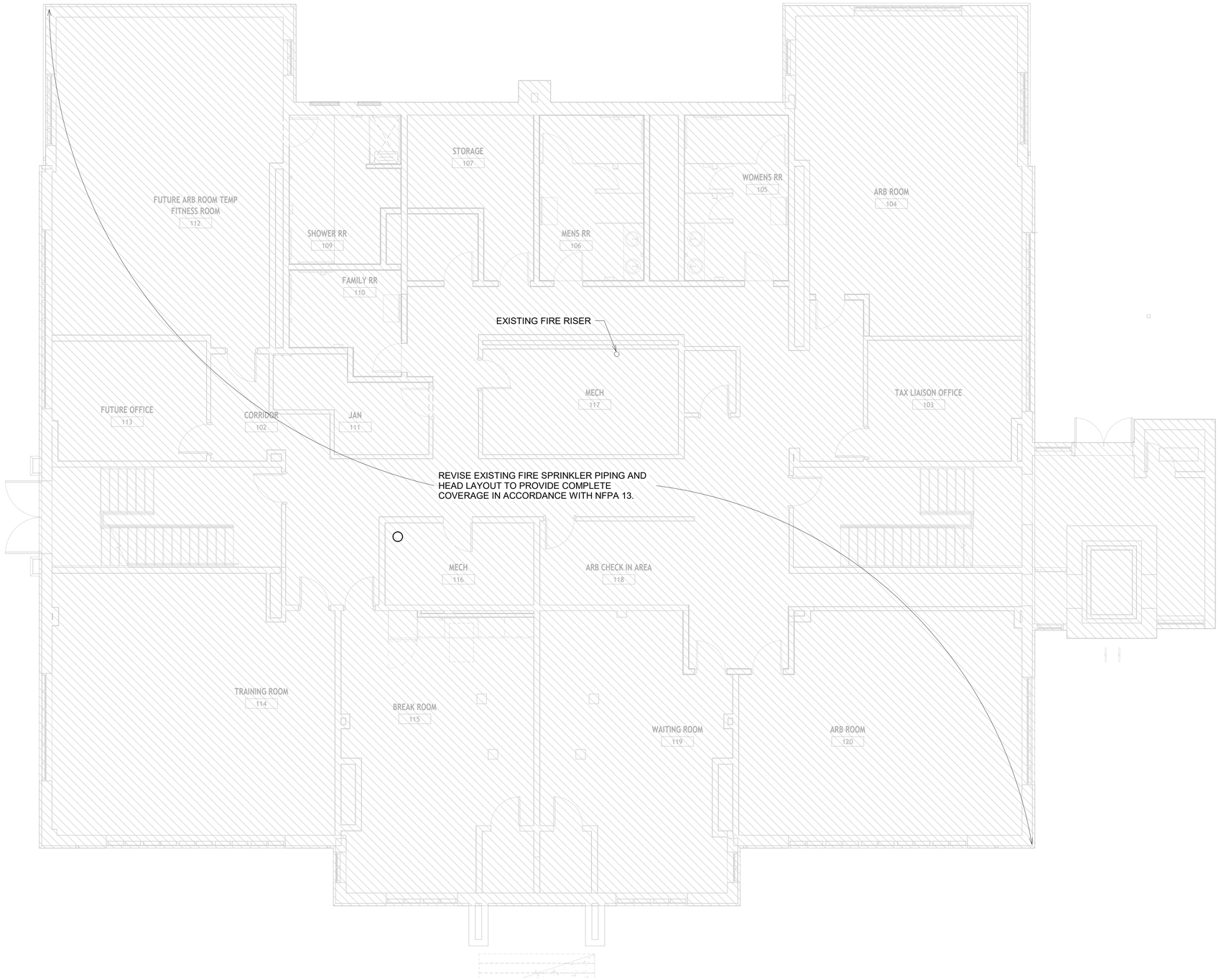
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FIRE PROTECTION SYMBOLS & ABBREVIATIONS

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1 FIRE PROTECTION - LEVEL 1 - NEW WORK PLAN

SCALE: 3/16" = 1'-0"

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1 FIRE PROTECTION - LEVEL 2 - NEW WORK PLAN

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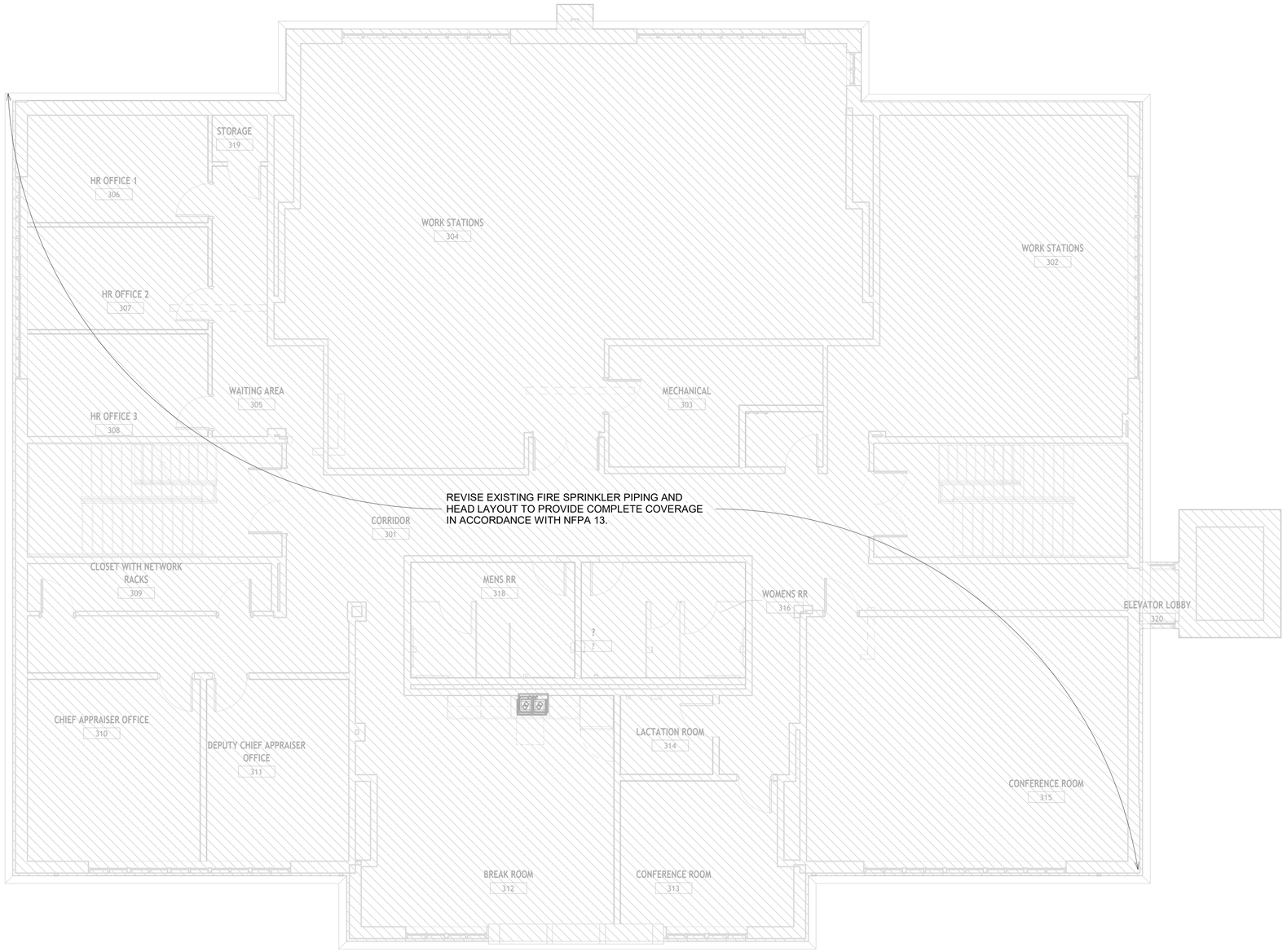
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1 FIRE PROTECTION - LEVEL 3 - NEW WORK PLAN

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KEYED NOTES (APPLIES TO THIS SHEET ONLY)

1 EXISTING FIRE RISER TO REMAIN.

1 FIRE PROTECTION - LEVEL 1 - DEMOLITION PLAN
SCALE: 3/16" = 1'-0"

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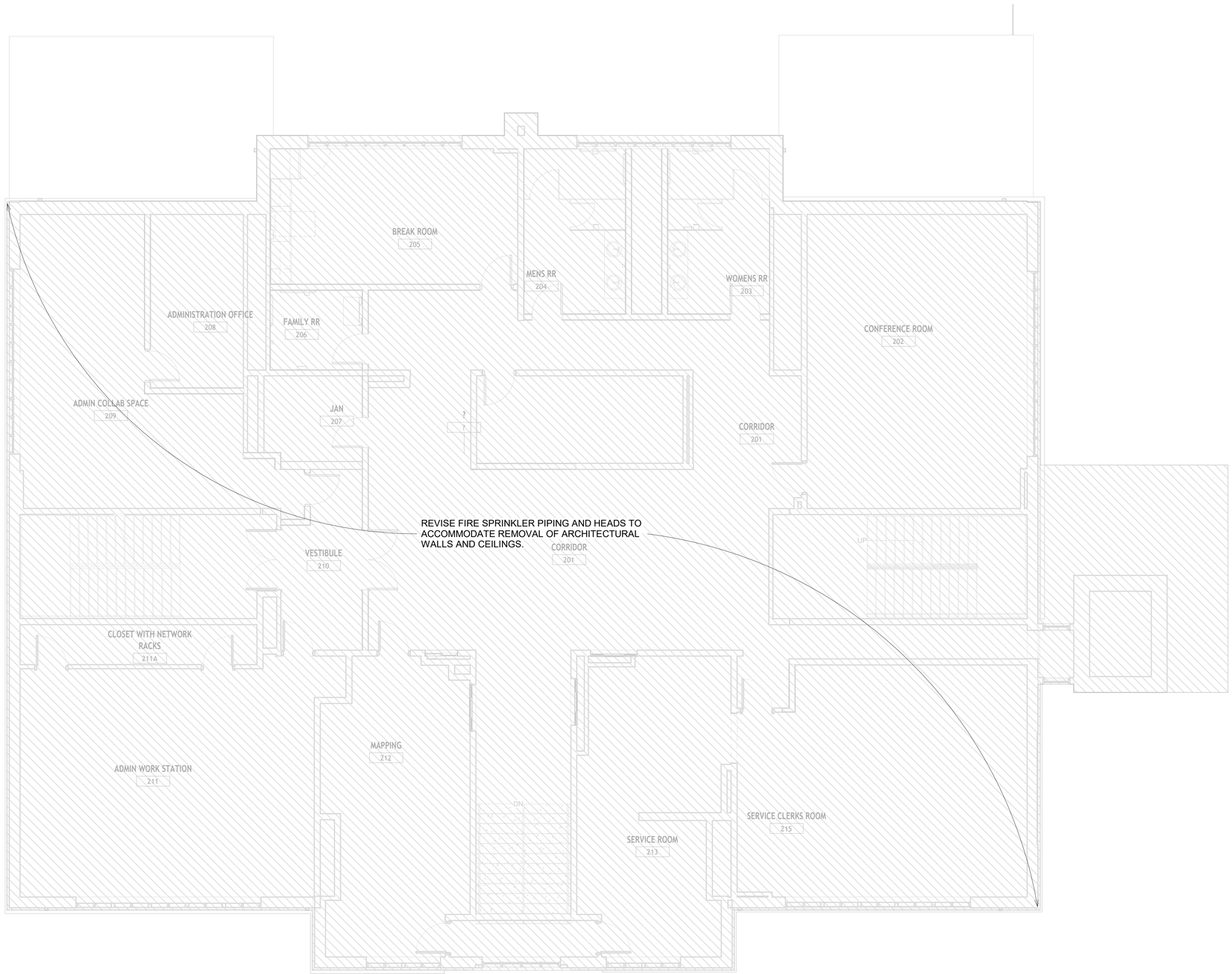
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1 FIRE PROTECTION - LEVEL 2 - DEMOLITION

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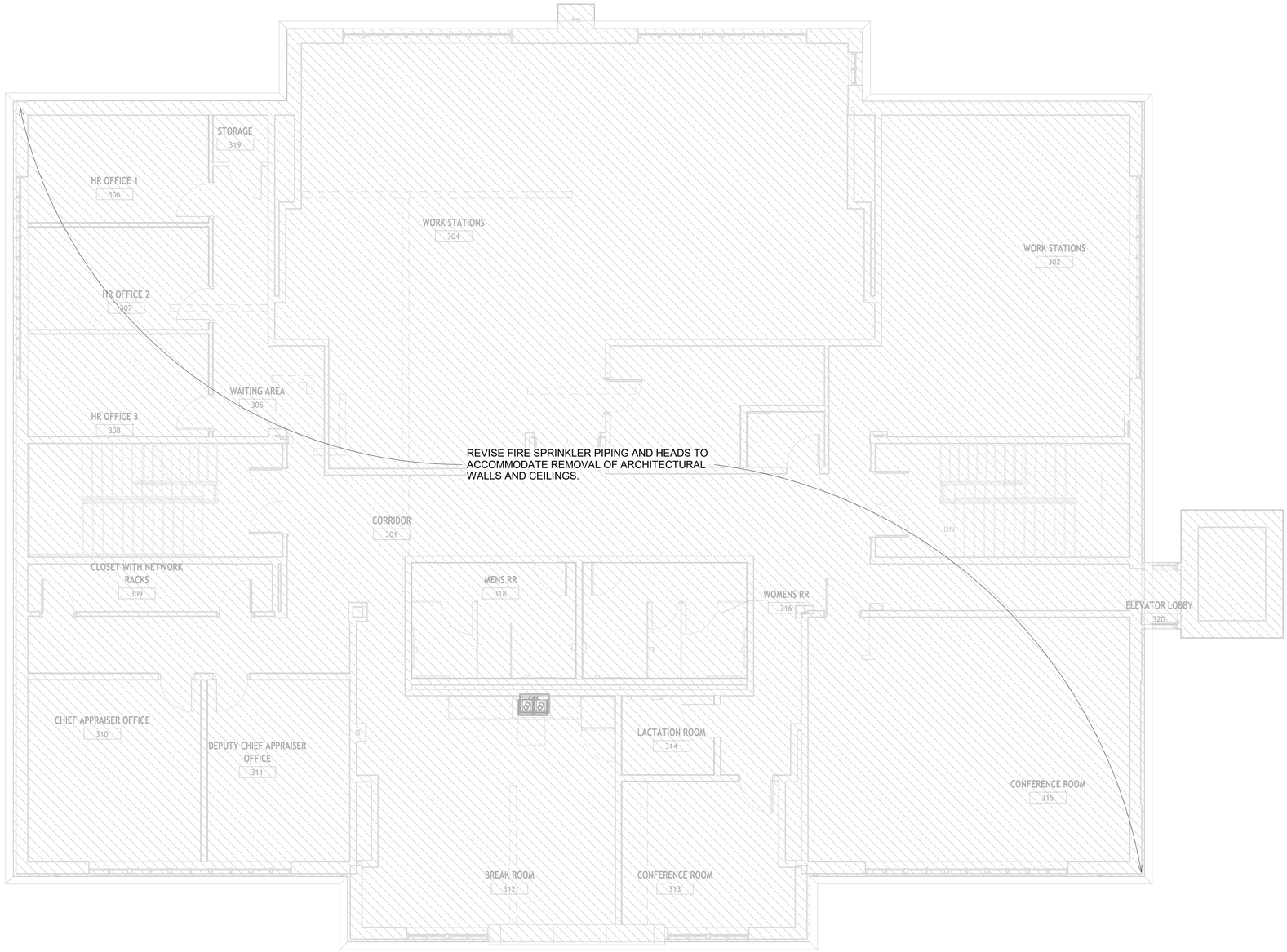
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1 FIRST FLOOR - FIRE PROTECTION - DEMOLITION PLAN

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PLUMBING SYMBOLS AND ABBREVIATIONS

(NOT ALL ITEMS INDICATED APPLY TO THIS PROJECT)

ABBREVIATIONS

AFF	ABOVE FINISHED FLOOR
AHU	AIR HANDLING UNIT
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE
ASME	AMERICAN SOCIETY OF ENGINEERS
ASSE	AMERICAN SOCIETY OF SANITARY ENGINEERS
ASTM	AMERICAN SOCIETY OF TESTING & MATERIALS
BTU	BRITISH THERMAL UNIT
BWV	BACK WATER VALVE
CFM	CUBIC FEET PER MINUTE
CPVC	CHLORINATED POLYVINYL CHLORIDE
CW	COLD WATER
ETR	EXISTING TO REMAIN
FBO	FURNISHED BY OTHERS
GC	GENERAL CONTRACTOR
GPM	GALLONS PER MINUTE
HW	HOT WATER
HWR	HOT WATER RETURN
KEC	KITCHEN EQUIPMENT CONTRACTOR
NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
NIC	NOT IN CONTRACT
NSF	NATIONAL SANITATION FOUNDATION
NTS	NOT TO SCALE
PRV	PRESSURE REDUCING VALVE
PSI	POUNDS PER SQUARE INCH
PVC	POLYVINYL CHLORIDE
SPEC	SPECIFICATION
TWCO	TWO WAY CLEANOUT
TP	TRAP PRIMER
TYP	TYPICAL
VTR	VENT THROUGH ROOF

PLUMBING SYSTEM SYMBOLS

- (EXIST) EXISTING SYSTEMS *LINE TYPE MAY VARY BY SYSTEM
- (SS) SANITARY SEWER WASTE
- (V) SANITARY VENT
- (GW) GREASE WASTE
- (GV) GREASE VENT
- (AW) ACID WASTE
- (AV) ACID VENT
- (SD) STORM DRAIN
- (OSD) OVERFLOW STORM DRAIN
- (CW) COLD WATER
- (RW) RECLAIMED WATER
- (HW) HOT WATER *UNLESS OTHERWISE NOTED; NOTED; WATER SHALL BE TEMPERED AND FINAL DELIVERY TEMPERATURE SHALL NOT EXCEED 110° F
- (HWR) HOT WATER RETURN
- (SW) SOFT WATER
- (ROW) REVERSE OSMOSIS WATER
- (G) GAS - NATURAL
- (G) GAS - PROPANE
- (CA) COMPRESSED AIR
- (MA) MEDICAL AIR
- (MO) MEDICAL OXYGEN
- (N) MEDICAL NITROGEN
- (NO) MEDICAL NITROUS OXIDE
- (WAGD) MEDICAL WAGD
- (MV) MEDICAL VACUUM
- (FP) FIRE PROTECTION LINE, WET
- (FPD) FIRE PROTECTION LINE DRY
- (TP) TRAP PRIMER

PLUMBING FIXTURE SYMBOLS

- FLOOR DRAIN
- FLOOR SINK
- FLOOR CLEANOUT
- YARD CLEANOUT
- LINE CLEANOUT/ WALL CLEANOUT
- ROOF DRAIN
- OVERFLOW ROOF DRAIN
- COMBINATION ROOF DRAIN AND OVERFLOW ROOF DRAIN
- WALL MOUNTED WATERCLOSET
- FLOOR MOUNTED WATERCLOSET
- WALL MOUNTED LAVATORY
- COUNTER MOUNTED LAVATORY
- URINAL
- COUNTER MOUNTED KITCHEN SINK
- COUNTER MOUNTED HAND SINK
- WALL MOUNTED HAND SINK
- DRINKING FOUNTAIN, BI-LEVEL
- DRINKING FOUNTAIN, SINGLE
- FLOOR MOUNTED MOP SINK
- WALL MOUNTED JANITOR SINK
- EMERGENCY SHOWER AND EYEWASH
- EMERGENCY SHOWER
- EMERGENCY EYEWASH
- WATER HEATER
- RECIRCULATING PUMP
- WASHING MACHINE SUPPLY BOX
- ICE MAKER SUPPLY BOX
- HOSE BIBB
- HOSE BIBB (RECESSED BOX)

NOTES
1. NOT ALL FIXTURES WILL BE SERVED BY COLD AND HOT WATER
2. ADA FIXTURES WILL BE NOTED AS SUCH ON FIXTURE SCHEDULE

PLUMBING FITTING SYMBOLS

- CAP ON END OF PIPE
- ELBOW UP
- ELBOW DOWN
- VALVE IN DROP
- VALVE IN RISE
- DIRECTION OF FLOW
- DIRECTION OF SLOPE DOWN
- CONCENTRIC REDUCER
- TEE OUTLET UP
- TEE OUTLET DOWN
- UNION
- FLANGE
- PIPE ANCHOR / SUPPORT
- EXPANSION JOINT
- STRAINER WITH BLOW-DOWN VALVE
- GATE VALVE OR BALANCING/STOP VALVE
- GLOBE VALVE
- BALL VALVE
- BALANCING VALVE WITH DIFFERENTIAL PRESSURE TAPS
- OS&Y VALVE
- CHECK VALVE
- BUTTERFLY VALVE
- TWO-WAY MODULATING CONTROL VALVE
- THREE-WAY MODULATING CONTROL VALVE
- SOLENOID VALVE
- PRESSURE REDUCING VALVE
- T&P RELIEF VALVE
- MANUAL AIR VENT
- AUTOMATIC AIR VENT
- PRESSURE GAUGE
- THERMOMETER
- WATER METER
- FLEXIBLE CONNECTION
- PRESSURE AND TEMPERATURE TAP
- FLOW VENTURI
- VACUUM BREAKER
- VACUUM RELIEF VALVE
- BACKFLOW PREVENTOR
- GAS REGULATOR
- GAS COCK

MISCELLANEOUS SYMBOLS

- POINT OF NEW CONNECTION TO EXISTING PIPE
- PLUMBING KEYED NOTE TAG
- DEMO FIRE PROTECTION KEYED NOTE TAG
- FIRE PROTECTION KEYED NOTE TAG
- REVISION TAG
- WC-1 — FIXTURE TAG
- 3"CW — PIPE SIZE AND TYPE
- 2 / P2.1 — DETAIL NUMBER AND SHEET NUMBER WHERE DETAIL OR ENLARGEMENT IS SHOWN

FIRE PROTECTION SYMBOLS

- FS — FLOW SWITCH
- TS — TAMPER SWITCH
- FIRE HOSE CABINET
- SPRINKLER FLOOR CONTROL STATION
- FIRE DEPARTMENT SIAMESE CONNECTION (WALL MOUNTED)
- FIRE DEPARTMENT SIAMESE CONNECTION (FREE STANDING)
- WATER GONG (SEE DETAILS FOR TYPE)

GENERAL PLUMBING NOTES

1. PRIOR TO DEMOLITION/CONSTRUCTION; CONTRACTOR SHALL FAMILIARIZE THEMSELVES WITH THE SITE AND ALL AVAILABLE AS-BUILT DRAWINGS RELATING TO THE PREVIOUS CONSTRUCTION OF ANY AND ALL EXISTING PLUMBING SYSTEMS.
2. THE CONTRACTOR IS EXPECTED, AS A REQUIREMENT OF THEIR QUALIFICATIONS, TO UTILIZE THEIR KNOWLEDGE AND EXPERIENCE TO ANTICIPATE AND TO INCLUDE IN THE COST OF THE WORK ANY INCIDENTALS, WHICH MAY BE REQUIRED, BUT NOT SPECIFICALLY EXPRESSED HEREIN, IN ORDER TO PROVIDE COMPLETE AND FULLY FUNCTIONAL PLUMBING SYSTEMS FOR THE PROJECT AREAS.
3. SANITARY SEWER PIPING 2" AND SMALLER TO BE INSTALLED AT A 2% SLOPE AND SANITARY SEWER PIPING 4" AND LARGER TO BE INSTALLED AT A 1% SLOPE.
4. PROVIDE ALUMINUM JACKETING OVER ALL INSULATED PIPING IN AREAS OF EXPOSED CEILING. ARCHITECT TO DETERMINE IF PIPING AND JACKETING TO BE PAINTED OR REMAIN UNFINISHED. REFER TO ARCHITECTURAL PLANS FOR COLORS AND DETAILS.
5. CONTRACTOR SHALL COORDINATE EQUIPMENT CONNECTIONS WITH SUPPLIER AND INSTALLATION DRAWINGS. INSTALL EQUIPMENT AND MAKE FINAL CONNECTIONS, FURNISHING CUTOFF VALVES, P-TRAPS, PRVS AND PIPING AS REQUIRED.
6. COORDINATE WATER, WASTE, VENT AND OTHER PIPING WITH ALL OTHER TRADES TO AVOID SPACING AND ROUTING PROBLEMS.
7. FIXTURES, EQUIPMENT, CONNECTIONS AND PIPING SHALL BE FURNISHED AND INSTALLED TO MEET OR EXCEED STATE AND LOCAL CODES AND REQUIREMENTS.
8. FURNISH AND INSTALL SHOCK ARRESTORS IN WATER LINES AT COLD WATER CONNECTIONS TO FLUSH VALVES AND QUICK CLOSING VALVES AND AT EACH HOT AND COLD WATER CONNECTION TO FIXTURES.
9. PLUMBING VENTS AND STACKS THROUGH ROOF SHALL BE INSTALLED A MINIMUM OF 20 FEET CLEAR OF HVAC OUTSIDE AIR INTAKES AND ANY OPERABLE WINDOW OR BUILDING OPENING.
10. VENT STACKS LESS THAN TWO INCHES IN DIAMETER SHALL NOT ROUTE THROUGH THE ROOF. PROVIDE INCREASERS ON PIPING BELOW ROOF.
11. PENETRATIONS THROUGH WALLS SHALL BE SLEEVED, SEALED AND FIRESAFED TO MAINTAIN THE INTEGRITY OF THE WALL UL FIRE RESISTANCE RATING.
12. CONTRACTOR IS RESPONSIBLE FOR COORDINATING EXACT ROUTING OF ALL SERVICES WITH BUILDING CONDITIONS AND WITH ALL OTHER TRADES.
13. SUPPORTS, ANCHOR BOLTS AND HANGERS FOR ALL EQUIPMENT SPECIFIED SHALL CONFORM TO THE SPECIFICATIONS. MISCELLANEOUS STEEL BRACING SUPPORTS AND REINFORCING STEEL NEEDED TO SUPPORT EQUIPMENT AND PIPING SYSTEMS SPECIFIED SHALL BE FURNISHED AND INSTALLED AS PART OF THE WORK.
14. MAINTAIN ACCESSIBILITY OF ALL EQUIPMENT AND VALVES. PROVIDE ACCESS PANELS AS REQUIRED. COORDINATE PLACEMENT WITH THE ARCHITECT PRIOR TO INSTALLATION.
15. CONTRACTOR SHALL COORDINATE WITH THE ARCHITECT PRIOR TO CUTTING ANY OPENING IN THE STRUCTURE. COORDINATE SLEEVING OF BEAMS AND CORING OF STRUCTURE WITH STRUCTURAL DRAWINGS AND DETAILS PRIOR TO INSTALLATION.
16. REFER TO STRUCTURAL DOCUMENTS FOR SAW CUTTING AND PATCHING OF EXISTING STRUCTURAL CONCRETE SLAB. FIELD VERIFY LOCATION OF EXISITNG FLOOR BEAMS/JOIST TO AVOID CORING OR SAW CUTTING OF EXISTING FLOOR STRUCTURAL ELEMENTS.
17. CONTRACTOR TO COORDINATE THE INSTALLATION OF THE PLUMBING SYSTEMS WITH ALL OTHER TRADES.
18. PROVIDE GAS PRESSURE REGULATORS AT ALL EQUIPMENT OR BRANCH MAINS SERVING BANKS OF EQUIPMENT IF REQUIRED BY EQUIPMENT MANUFACTURE.
19. CONTRACTOR SHALL PROVIDE PROTECTIVE COVERING OVER FLOORING, FURNITURE AND EQUIPMENT AS REQUIRED WHEN PERFORMING WORK IN AN EXISTING AREA/SPACE. CONTRACTOR IS RESPONSIBLE FOR DAMAGE CAUSED TO WALL FINISHES, FLOOR FINISHES, FURNITURE AND EQUIPMENT. REPAIR DAMAGES OR REPLACE TO OWNER'S SATISFACTION AT NO COST TO THE OWNER. CONTRACTOR SHALL PROVIDE DUST BARRIERS WHERE REQUIRED TO PROHIBIT THE MIGRATION OF AIRBORNE CONSTRUCTION DUST INTO OTHER OCCUPIED AREAS.
20. DOWNTIME TO EXISTING WASTE AND DOMESTIC COLD WATER PIPING SYSTEMS SHALL BE KEPT TO AN ABSOLUTE MINIMUM. SCHEDULE AND COORDINATE WITH THE OWNER.
21. MAINTAIN EGRESS PATHWAYS, DO NOT BLOCK OR PARTIALLY OBSTRUCT WITH CONSTRUCTION MATERIALS, TOOLS, MACHINERY, AND INSTALLATION ACTIVITIES.
22. CUT, REPAIR, AND FINISH WALLS TO MATCH EXISTING WHERE NEW PIPING IS INSTALLED, CONCEALED IN WALLS.
23. PROVIDE ISOLATION VALVES AT ALL HW, HWR, AND CW BRANCHES.
24. ALL ISOLATION VALVES SHALL BE PROVIDED WITH A LOCKING ACCESS PANEL WHEN VALVES ARE LOCATED IN WALL. PROVIDE UNOBSTRUCTED ACCESS TO VALVES WHEN IN THE CEILING BY ACCESS PANEL OR LABELED CEILING TILE.

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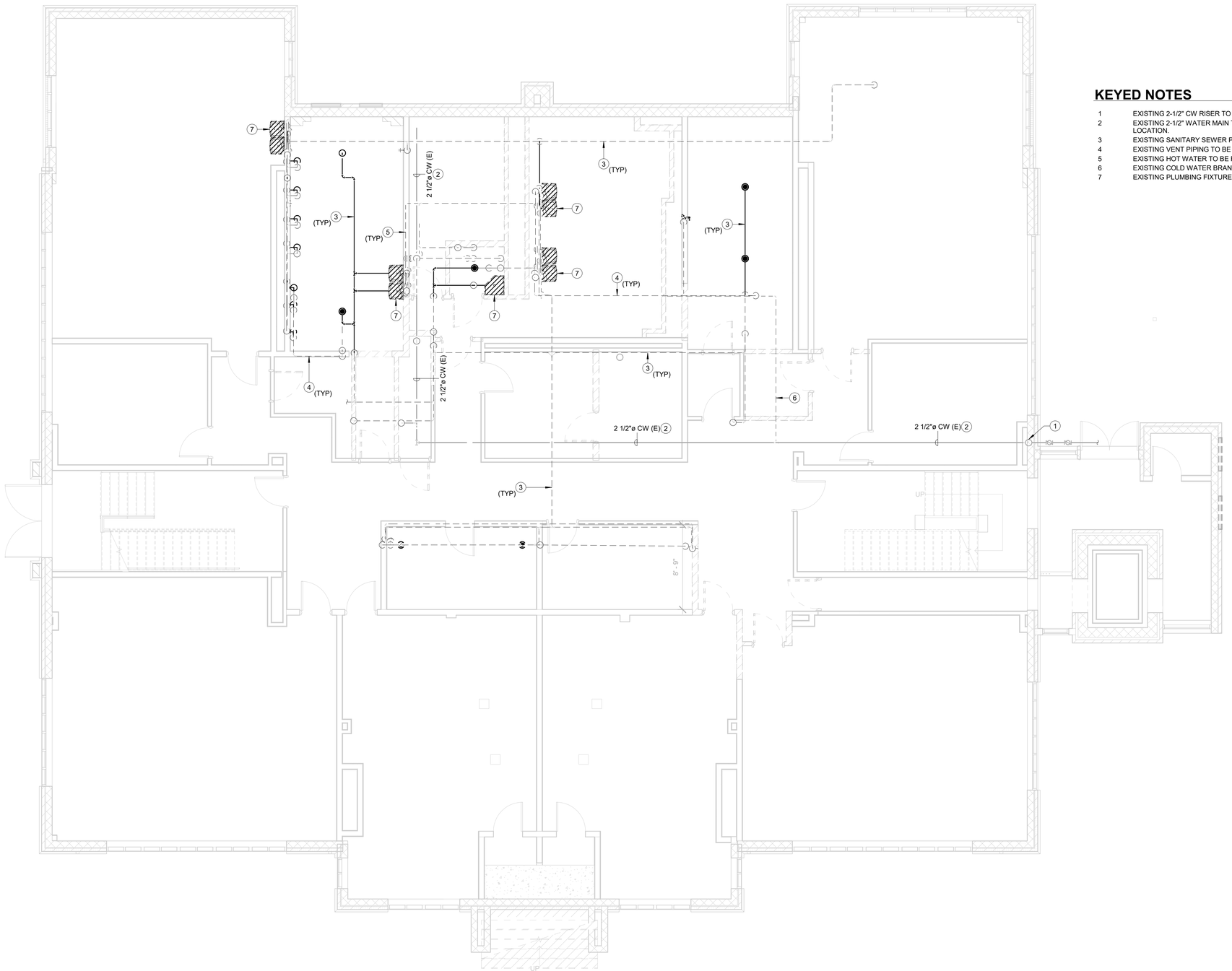
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KEYED NOTES (APPLIES TO THIS SHEET ONLY)

1. EXISTING 2-1/2" CW RISER TO REMAIN. FIELD VERIFY EXACT LOCATION.
2. EXISTING 2-1/2" WATER MAIN TO REMAIN. FIELD VERIFY EXACT LOCATION.
3. EXISTING SANITARY SEWER PIPING TO BE REMOVED. (TYPICAL)
4. EXISTING VENT PIPING TO BE REMOVED. (TYPICAL)
5. EXISTING HOT WATER TO BE REMOVED. (TYPICAL)
6. EXISTING COLD WATER BRANCH PIPING TO BE REMOVED. (TYPICAL)
7. EXISTING PLUMBING FIXTURE TO BE REMOVED.

1 PLUMBING - LEVEL 1 - DEMOLITION PLAN
SCALE: 3/16" = 1'-0"

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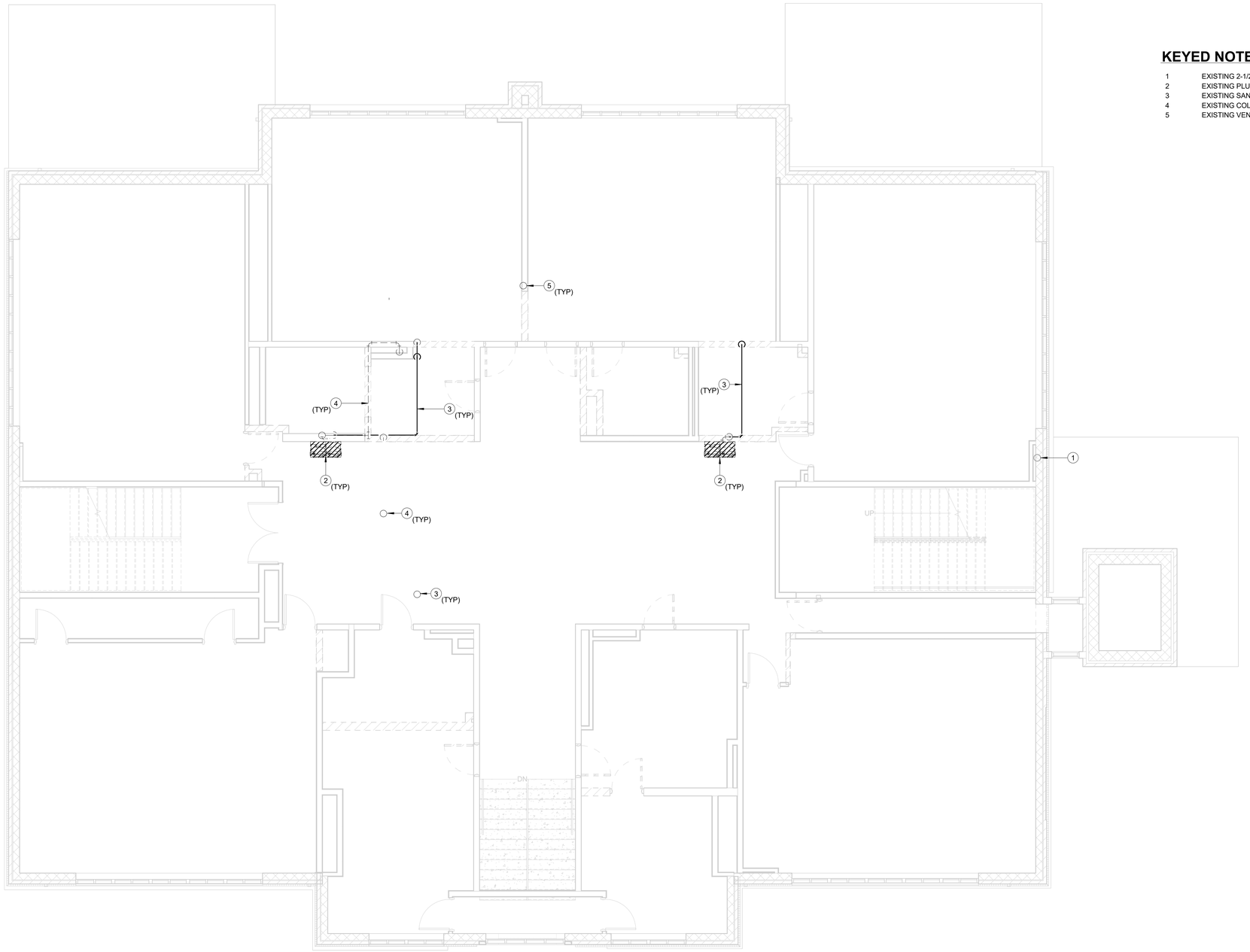
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1 PLUMBING - LEVEL 2 - DEMOLITION PLAN
SCALE: 3/16" = 1'-0"

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1 EXISTING 2-1/2" CW RISER TO REMAIN. FIELD VERIFY EXACT LOCATION.
2 EXISTING PLUMBING FIXTURE TO BE REMOVED.
3 EXISTING SANITARY SEWER PIPING TO BE REMOVED. (TYPICAL)
4 EXISTING COLD WATER BRANCH PIPING TO BE REMOVED. (TYPICAL)
5 EXISTING VENT PIPING TO BE REMOVED. (TYPICAL)

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Engineer: Emmanuel J. Alvarez
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Firm: Calculated Legacy Consulting Engineers
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GUADALUPE COUNTY APPRAISAL DISTRICT
MARY ERSKINE BUILDING RENOVATION
216 E COLLEGE ST
SEGUIN, TEXAS 78155

REVISIONS

PROJECT NO.

PHASE
DESIGN DEVELOPMENT

DATE
03/13/2026

DESCRIPTION
PLUMBING - LEVEL 2 - DEMOLITION PLAN

PD1.02

PROJECT # 25085

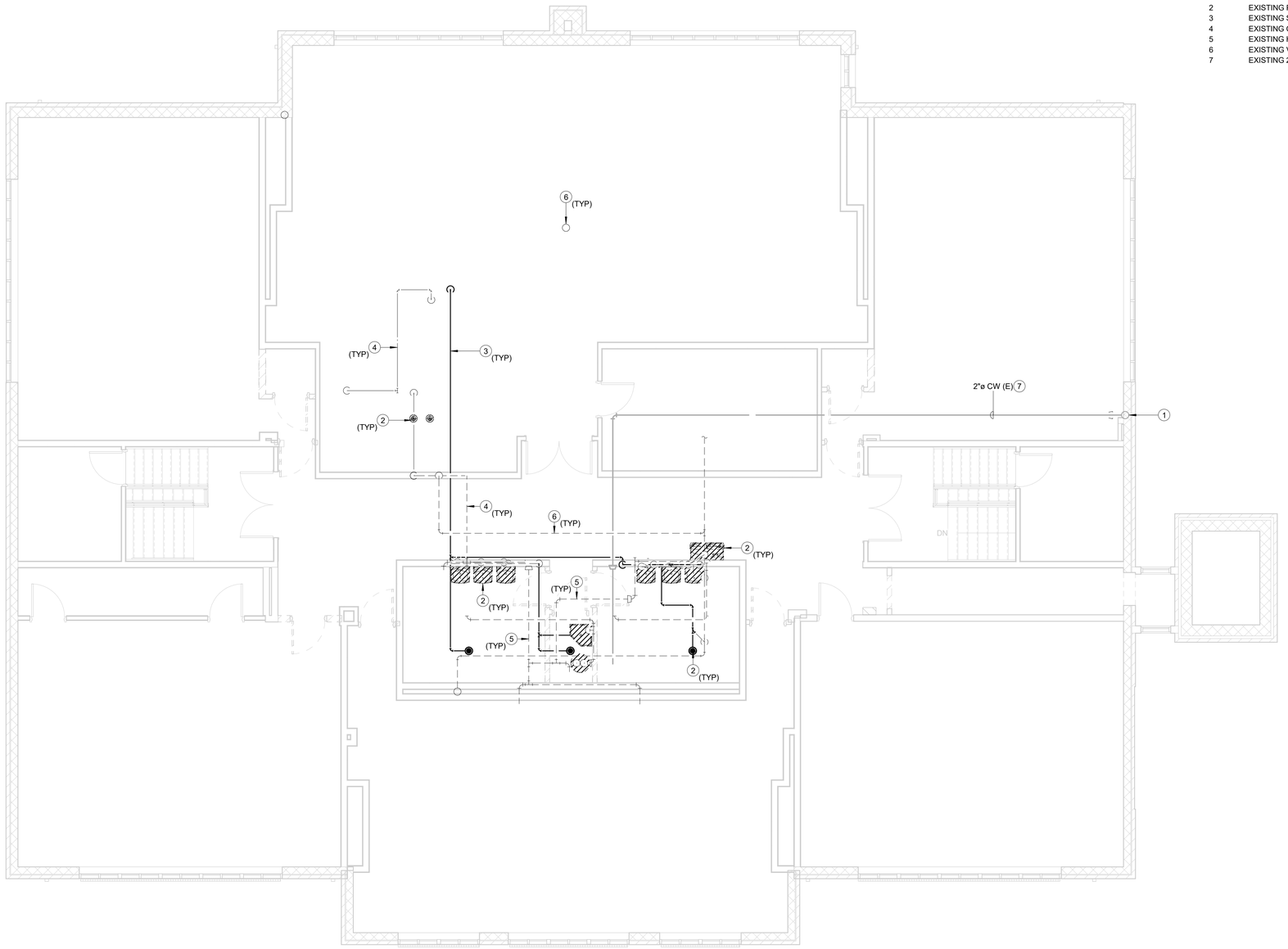
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KEYED NOTES (APPLIES TO THIS SHEET ONLY)

1 EXISTING 2" CW RISER TO REMAIN. FIELD VERIFY EXACT LOCATION.
2 EXISTING PLUMBING FIXTURE TO BE REMOVED.
3 EXISTING SANITARY SEWER PIPING TO BE REMOVED. (TYPICAL)
4 EXISTING COLD WATER BRANCH PIPING TO BE REMOVED. (TYPICAL)
5 EXISTING HOT WATER TO BE REMOVED. (TYPICAL)
6 EXISTING VENT PIPING TO BE REMOVED. (TYPICAL)
7 EXISTING 2" CW MAIN TO REMAIN. FIELD VERIFY EXACT LOCATION.



1 PLUMBING - LEVEL 3 - DEMOLITION PLAN
SCALE: 3/16" = 1'-0"

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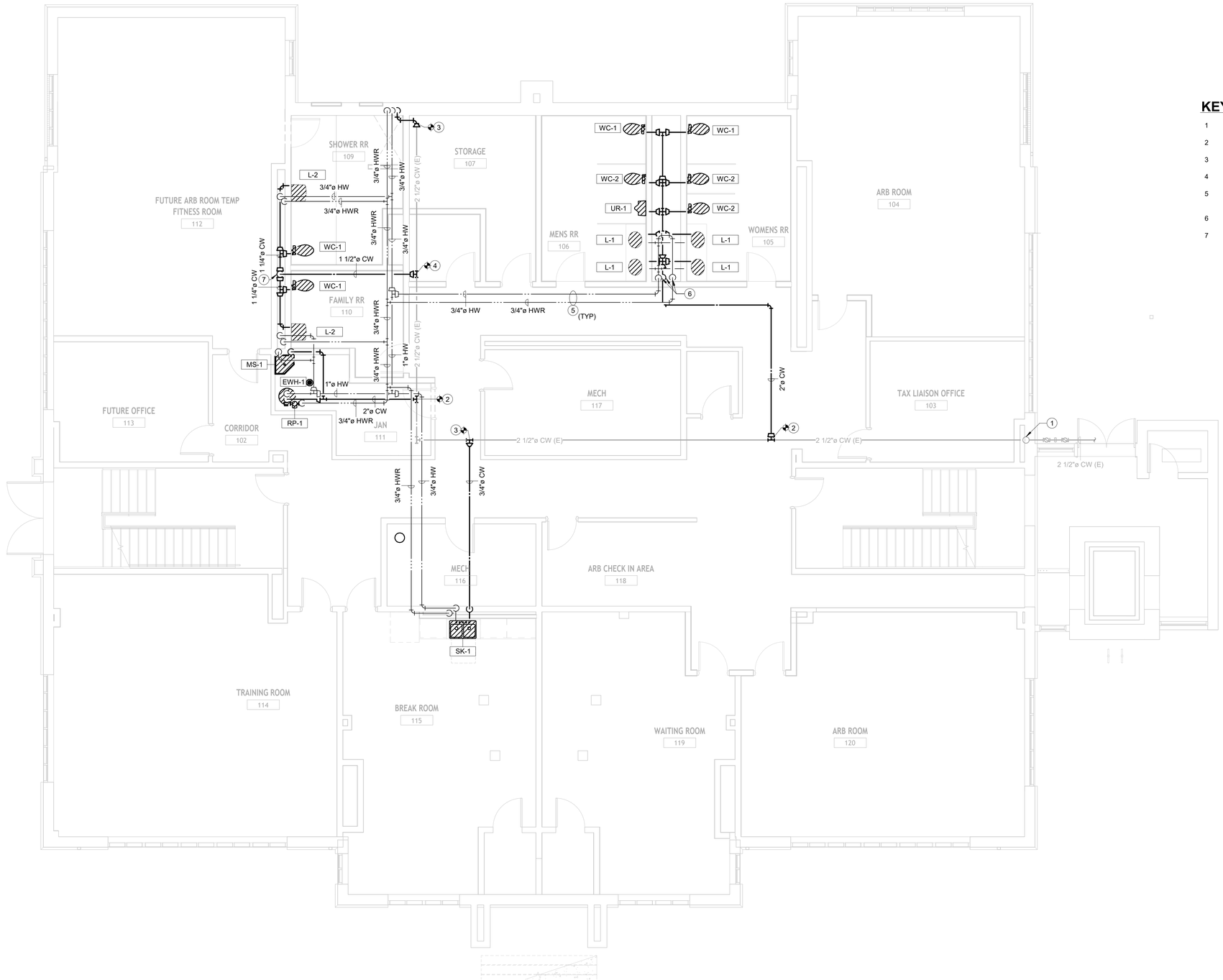
DESCRIPTION
PLUMBING - LEVEL 3 - DEMOLITION PLAN

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1 PLUMBING - LEVEL 1 - DOMESTIC WATER - NEW WORK PLAN

SCALE: 3/16" = 1'-0"

KEYED NOTES (APPLIES TO THIS SHEET ONLY)

1. EXISTING 2-1/2" CW MAIN ROUTED UP CHASE TO SERVE 2ND FLOOR FIXTURES. FIELD VERIFY EXACT LOCATION.
2. CONNECT NEW 2" COLD WATER BRANCH PIPING TO EXISTING 2-1/2" CW MAIN. FIELD VERIFY EXACT LOCATION.
3. CONNECT NEW 3/4" CW BRANCH PIPING TO EXISTING 2-1/2" CW MAIN. FIELD VERIFY EXACT LOCATION.
4. CONNECT NEW 1-1/2" CW BRANCH PIPING TO EXISTING 2-1/2" CW MAIN. FIELD VERIFY EXACT LOCATION.
5. ROUTE HWR AND HW PIPING ABOVE CEILING. COORDINATE WITH EXISTING STRUCTURE AND MECHANICAL DUCT, PIPING AND EQUIPMENT.
6. ROUTE CW, HW AND HWR DOWN CHASE AND IN WALL TO PLUMBING FIXTURES.
7. ROUTE CW DOWN CHASE AND IN WALL TO PLUMBING FIXTURES.

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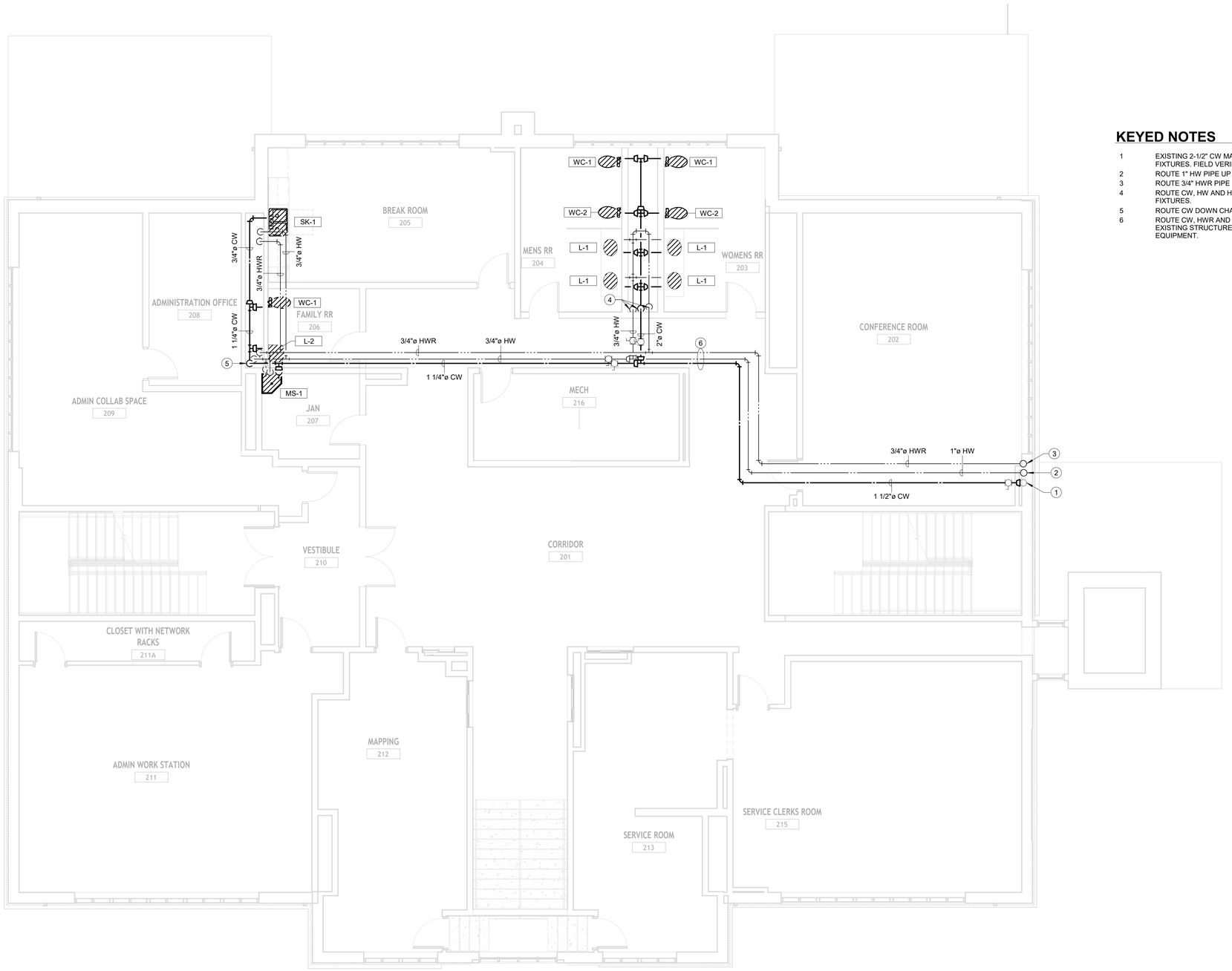
DATE
03/13/2026

DESCRIPTION
PLUMBING - LEVEL 1 - DOMESTIC WATER NEW WORK PLAN

P1.01

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1. EXISTING 2-1/2" CW MAIN ROUTED UP CHASE TO SERVE 2ND FLOOR FIXTURES. FIELD VERIFY EXACT LOCATION.
2. ROUTE 1" HW PIPE UP TO 3RD FLOOR.
3. ROUTE 3/4" HWR PIPE UP TO EWH-2 ON 3RD FLOOR.
4. ROUTE CW, HW AND HWR DOWN CHASE AND IN WALL TO PLUMBING FIXTURES.
5. ROUTE CW DOWN CHASE AND IN WALL TO PLUMBING FIXTURES.
6. ROUTE CW, HWR AND HW PIPING ABOVE CEILING. COORDINATE WITH EXISTING STRUCTURE AND MECHANICAL DUCT, PIPING AND EQUIPMENT.

1 PLUMBING - LEVEL 2 - DOMESTIC WATER - NEW WORK PLAN

SCALE: 3/16" = 1'-0"

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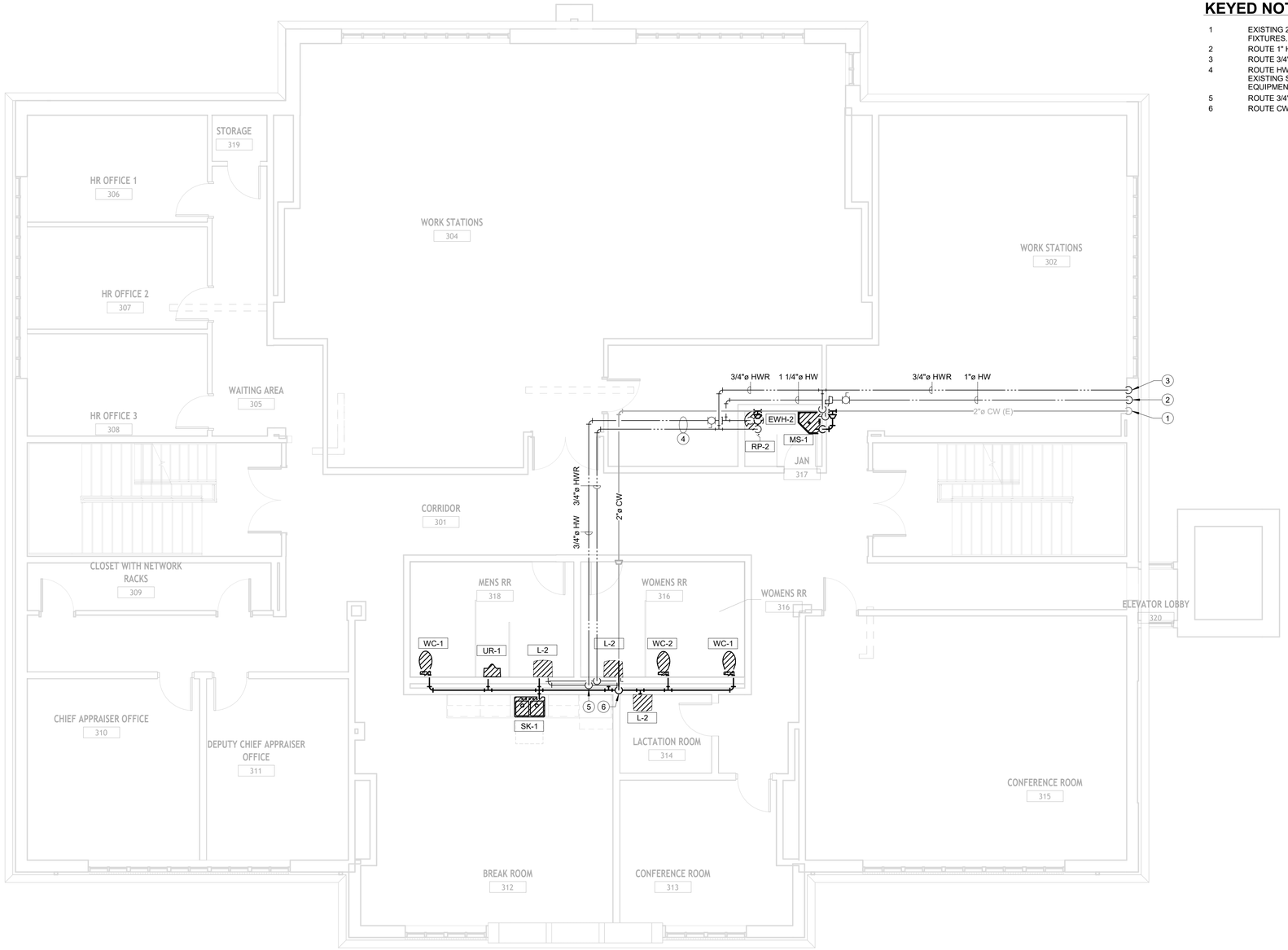
P1.02

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1. EXISTING 2" CW MAIN ROUTED UP TO SERVE 3RD FLOOR PLUMBING FIXTURES.
2. ROUTE 1" HW PIPE DOWN TO SERVE 2ND FLOOR FIXTURES.
3. ROUTE 3/4" HWR PIPE DOWN TO 2ND FLOOR FIXTURES.
4. ROUTE HWR AND HW PIPING ABOVE CEILING. COORDINATE WITH EXISTING STRUCTURE AND MECHANICAL DUCT, PIPING AND EQUIPMENT.
5. ROUTE 3/4" HW PIPE DOWN CHASE TO SERVE LAVATORIES.
6. ROUTE CW DOWN CHASE AND IN WALL TO PLUMBING FIXTURES.

1 PLUMBING - LEVEL 3 - DOMESTIC WATER - NEW WORK PLAN

SCALE: 3/16" = 1'-0"

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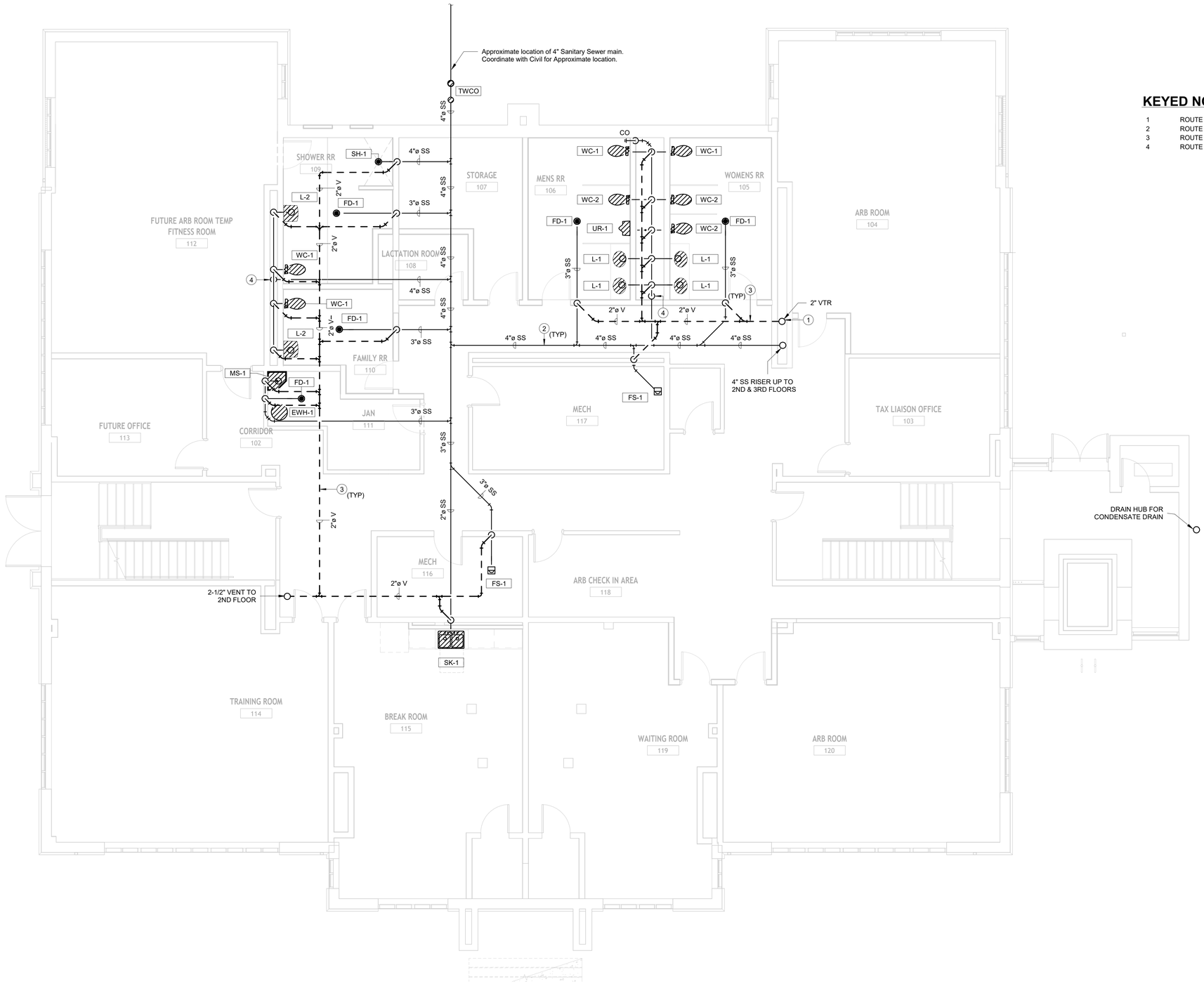
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P1.03



KEYED NOTES (APPLIES TO THIS SHEET ONLY)

1. ROUTE 2-1/2" VENT UP CHASE TO ROOF.
2. ROUTE SANITARY SEWER PIPING BELOW FLOOR. (TYPICAL)
3. ROUTE VENT PIPING ABOVE CEILING. (TYPICAL)
4. ROUTE SANITARY SEWER PIPING UP IN CHASE TO PLUMBING FIXTURES.

1 PLUMBING - LEVEL 1 - SANITARY SEWER AND VENT - NEW WORK PLAN

SCALE: 3/16" = 1'-0"

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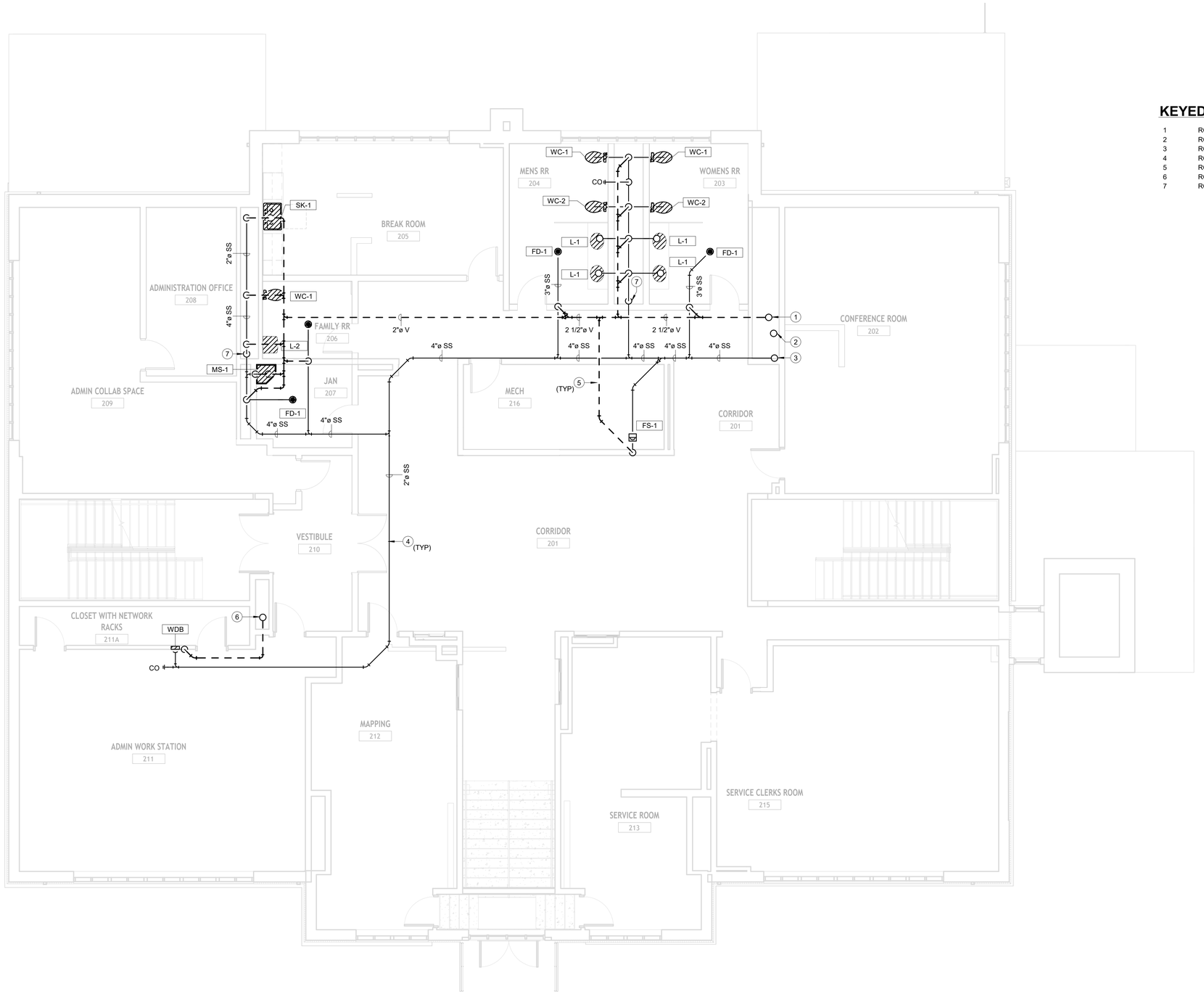
DESCRIPTION: PLUMBING - LEVEL 1 - SANITARY SEWER & VENT NEW WORK PLAN

P2.01

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KEYED NOTES (APPLIES TO THIS SHEET ONLY)

1. ROUTE 2-1/2" VENT UP CHASE TO ROOF.
2. ROUTE 2-1/2" VENT PIPING FROM 1ST FLOOR IN CHASE AND TO ROOF.
3. ROUTE 4" SS RISER IN CHASE.
4. ROUTE SANITARY SEWER PIPING BELOW FLOOR. (TYPICAL)
5. ROUTE VENT PIPING ABOVE CEILING. (TYPICAL)
6. ROUTE 2-1/2" VENT PIPING UP TO 3RD FLOOR.
7. ROUTE SANITARY SEWER PIPING UP IN CHASE TO PLUMBING FIXTURES.

1 PLUMBING - LEVEL 2 - SANITARY SEWER AND VENT - NEW WORK PLAN

SCALE: 3/16" = 1'-0"

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PLUMBING - LEVEL 2 - SANITARY SEWER & VENT NEW WORK PLAN

P2.02

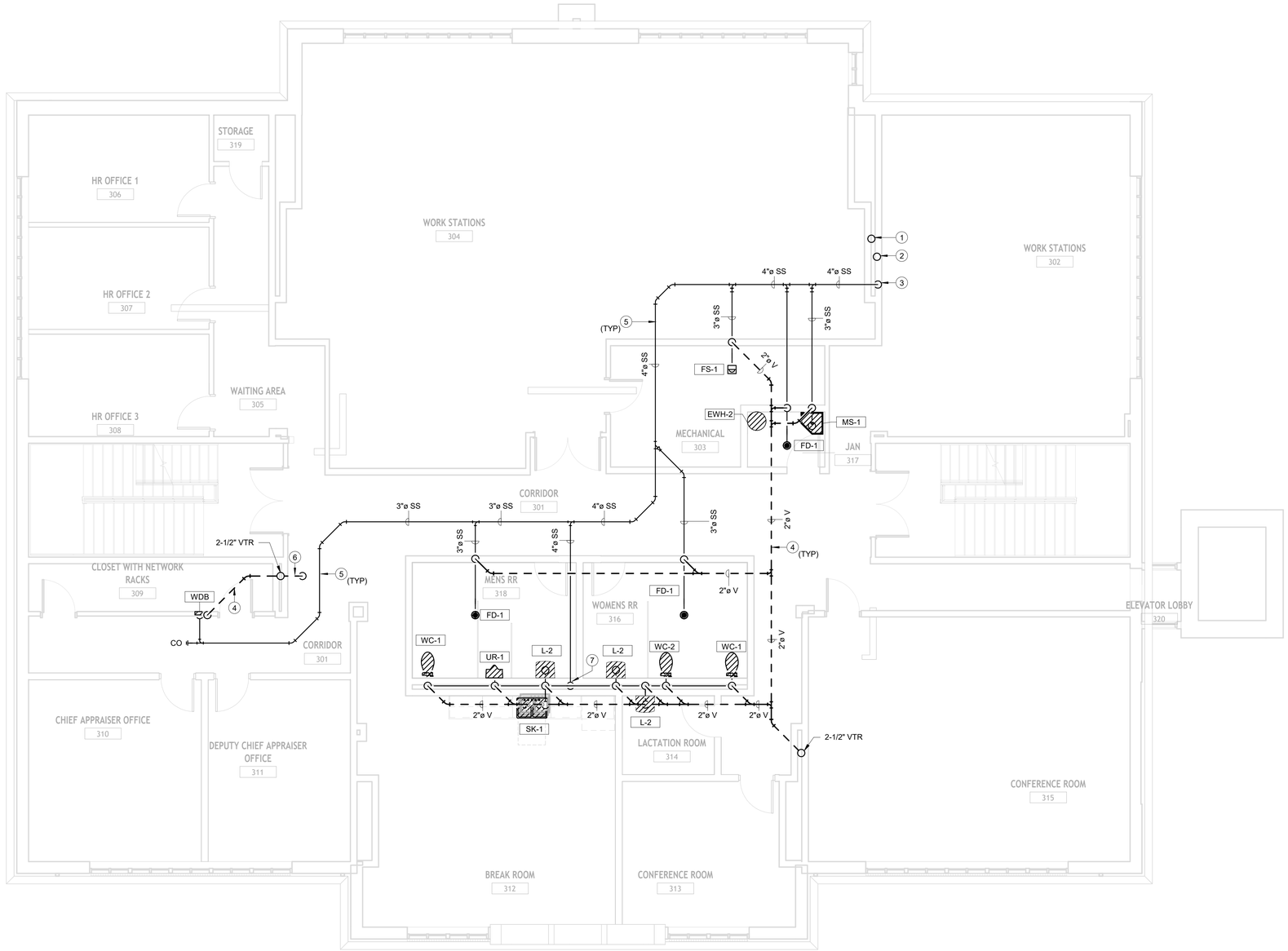
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1 ROUTE 2-1/2" VENT PIPING FROM 2ND FLOOR IN CHASE AND TO ROOF.
2 ROUTE 2-1/2" VENT PIPING FROM 1ST FLOOR IN CHASE AND TO ROOF.
3 ROUTE 4" SS PIPE DOWN CHASE TO SECOND FLOOR FIXTURES.
4 ROUTE VENT PIPING ABOVE CEILING. (TYPICAL)
5 ROUTE SANITARY SEWER PIPING BELOW FLOOR. (TYPICAL)
6 ROUTE VENT PIPING BELOW FLOOR. CONNECT TO MAIN VENT RISER.
7 ROUTE SANITARY SEWER PIPING UP IN CHASE TO PLUMBING FIXTURES.



1 PLUMBING - LEVEL 3 - SANITARY SEWER AND VENT - NEW WORK PLAN
SCALE: 3/16" = 1'-0"

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PLUMBING FIXTURES

MARK	DESCRIPTION	ADA	FLOW RATE	DRAIN	VENT	HOT	COLD	NOTES
WC-1	WATER CLOSET (WALL MOUNT) ADA	♿	1.28 GPF	4"	2"	N/A	1"	KOHLER KINGSTON K-84325-SS; WALL MOUNTED, WHITE, VITROUS CHINA, ELONGATED WATER CLOSET. SLOAN 111 SFM; CHROME PLATED, MANUAL FLUSH. KOHLER K-4731; COMMERCIAL HEAVY DUTY, ELONGATED SEAT.
WC-2	WATER CLOSET (WALL MOUNT)		1.28 GPF	4"	2"	N/A	1"	KOHLER KINGSTON K-84325-SS; WALL MOUNTED, WHITE, VITROUS CHINA, ELONGATED WATER CLOSET. SLOAN 111 SFM; CHROME PLATED, MANUAL FLUSH. KOHLER K-4731; COMMERCIAL HEAVY DUTY, ELONGATED SEAT.
UR-1	URINAL ADA	♿	0.5 GPF	2"	1-1/2"	N/A	3/4"	AMERICAN STANDARD #6590.001EC, "WASHBROOK FLOWISE", URINAL, WHITE VITREOUS CHINA, WALL HUNG SLOAN ROYAL #186 MANUAL FLUSH VALVE FOR TOP SPUD URINAL
L-1	LAVATORY (UNDERMOUNT) ADA	♿	0.5 GPF	2"	1-1/2"	3/4"	3/4"	AMERICAN STANDARD OVALYN 19" UNDERMOUNT PORCELAIN BATHROOM SINK AMERICAN STANDARD MONTERREY 5502.145; 0.5 GPM, TWO- HANDLE CENTERSET LAVATORY FAUCET, LEVER HANDLES
L-2	LAVATORY (WALL MOUNT) ADA	♿	0.5 GPF	2"	1-1/2"	3/4"	3/4"	AMERICAN STANDARD 0355.912 LUCERNE WALL-HUNG; VITREOUS CHINA, SINGLE BOWL, FAUCET HOLES ON 4" CENTERS. AMERICAN STANDARD MONTERREY 5502.145; 0.5 GPM, TWO- HANDLE CENTERSET LAVATORY FAUCET, LEVER HANDLES
EWC-1	ELECTRIC WATER COOLER (BI-LEVEL) ADA	♿	N/A	2"	2"	N/A	N/A	ELKAY EZSTL8WSLK, EZ H2O BOTTLE FILLING STATION & VERSATILE BI-LEVEL ADA COOLER, HIGH WITH CANE APRON. ANTIMICROBIAL, LEAD FREE, STAINLESS STEEL, NON-FILTERED, ELECTRONIC BOTTLE FILLER SENSOR, WALL MOUNTED SELF CONTAINED.
SK-1	SINK ADA	♿		2"	1-1/2"	3/4"	3/4"	ELKAY LUSTERSTONE LR3322; DROP IN DOUBLE BASIN, STAINLESS STEEL SINK, 3-HOLE T&S BRASS #B-1141, DECK MOUNTED, SWIVEL GOOSENECK, 11-3/8" HEIGHT, 4" WRIST HANDLES. ELKAY D1125 DAYTON 3-1/2" STRAINER MCGUIRE #8912CB, P-TRAP IN SINK ERATOR #LC50; LIGHT CAPACITY FOOD WASTE DISPOSER. ZURN #Z-1180; ACID RESISTANT COMPOSITE SOLIDS INTERCEPTOR WITH PVC SEDIMENT BUCKET AND SCREEN, STAINLESS STEEL LATCHES AND GASKETED COVER. INSTALL ON FLOOR UNDER SINK IN LIEU OF P-TRAP.
MS-1	MOP SINK		2.2 GPM	3"	2"	3/4"	3/4"	FIAT CORNER MOP SERVICE BASIN SINK TSBC1610501, 24X 24X 12" BOWL SIZE. CHICAGO FAUCETS LC-MP97RCF; 8" BODY, ROUGH CHROME
FD-1	FLOOR DRAIN		N/A	3"	N/A	N/A	N/A	ZURN Z415B; 3" DIAMETER WITH 5" STRAINER, TYPE B POLISHED NICKEL BRONZE WITH MECHANICAL TRAP SEAL PROTECTION DEVICE.
FS-1	FLOOR SINK		N/A	3"	N/A	N/A	N/A	ZURN Z1910-2; SQUARE TOP 8"X8", 6" SUMP DEPTH. NO HUB OUTLET, CAST IRON BODY, BOTTOM OUTLET, ANCHOR FLANGE WITH SEEPAGE HOLES AND CLAMPING COLLAR. WHITE ACID RESISTING PORCELAIN ENAMEL INTERIOR TOP, ABS ANTI-SPLASH INTERIOR DOME STRAINER, HALF-GRATE. MECHANICAL TRAP SEAL.

HW MIXING VALVE SCHEDULE

MARK	TMV-1
SERVICE	FIXTURES
VALVE OPERATION	THERMOSTATIC
OUTLET TEMPERATURE	110 DEG F
MIN. GPM	0.25
MAX. GPM	12
GPM @ 10 PSI PRESSURE DROP	6.6
GPM @ 20 PSI PRESSURE DROP	7.5
INLET SIZES	1/2"
OUTLET SIZE	1/2"
RE-CIRCULATION SIZE	-
MANUFACTURER	LEONARD
MODEL NO.	ECO-MIX 270 LF-BRKT

NOTES:
1. COMPLY WITH ASSE 1070
2. LEAD FREE

ELECTRIC WATER HEATER SCHEDULE

MARK	STORAGE CAPACITY (GALLONS)	RECOVERY GALLONS PER HOURS	TEMP. RISE	SET TEMP.	ELECTRICAL				REMARKS
					VOLT	PHASE	HERTZ	KW	
EWH-1	51	30	80	140	208	1	60	6	A.O SMITH ; DEL- 50 ELECTRIC WATER HEATER 6000 W NON-SIMULTANEOUS OPERATION
EWH-2	38	30	80	140	208	1	60	6	A.O SMITH ; DEL-40 ELECTRIC WATER HEATER 6000 W NON-SIMULTANEOUS OPERATION

NOTES:
1. LEAD FREE BRASS CONSTRUCTION
2. AUTOMATIC TIMER AND AQUASTAT
3. 3-YEAR WARRANTY

RECIRCULATING PUMP SCHEDULE

MARK	SERVICE	DESIGN FLOW (GPM)	DESIGN PRESSURE (FT. HD.)	MOTOR SIZE (WATTS)	ELECTRICAL			MANUFACTURER / MODEL
					VOLTS	PHASE	HERTZ	
RP-1	HOT WATER RECIRCULATION PUMP	1.75	15	30	115	1	60	BELL & GOSSETTE ECOCIRC XL 36-45
RP-2	HOT WATER RECIRCULATION PUMP	1.75	15	30	115	1	60	BELL & GOSSETTE ECOCIRC XL 36-45

FURNISH WITH THE FOLLOWING OPTIONS AND/OR ACCESSORIES:
1. LEAD FREE BRASS CONSTRUCTION
2. PROVIDE AQUASTAT TIMER
3. 3-YEAR WARRANTY
4. NYLON IMPELLER
5. CERAMIC CARBON BEARINGS
6. ELECTRICAL CORD (6-FOOT)

SHOCK ARRESTOR SCHEDULE

MARK	THREADED	F.U. RATING	P.D.I. CROSS REFERENCE	MANUFACTURER
WHA	1/2"	1-11	A	WATTS LF15MS2-A
WHA	3/4"	12-32	B	WATTS LF15M2S-B
WHA	1"	33-80	C	WATTS LF15M2S-C
WHA	1"	81-113	D	WATTS LF15M2S-D

NOTES:
1. SOLDER CONNECTION

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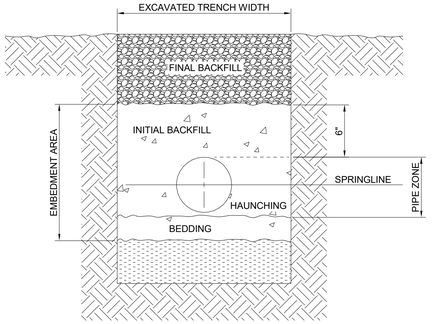
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PLUMBING SCHEDULES

P3.01



UNDERGROUND INSTALLATION OF PLASTIC PIPING SYSTEMS

1 N.T.S.

UNDERGROUND INSTALLATION OF PLASTIC PIPE

PLASTIC PIPE SHOULD ALWAYS BE BURIED IN STRICT ACCORDANCE WITH THE ASTM RELEVANT TO THE TYPE OF PLASTIC PIPING SYSTEM BEING INSTALLED. THOSE STANDARDS ARE:

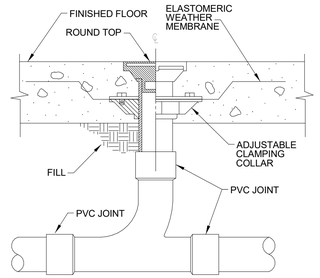
ASTM D2321 FOR SEWERS AND OTHER GRAVITY-FLOW PIPING.

ASTM D2774 FOR PRESSURE PIPING.

NOTE: IN ADDITION TO THESE STANDARDS PIPE SHOULD ALWAYS BE INSTALLED IN ACCORDANCE WITH ALL LOCAL CODE REQUIREMENTS.

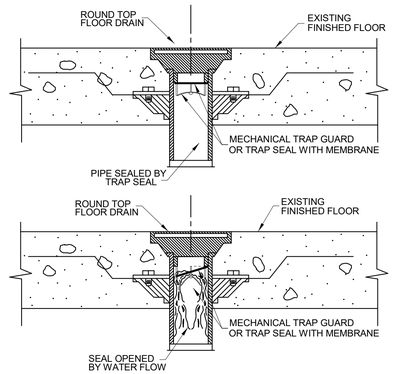
INSTALLATION OF UNDERGROUND PLASTIC DRAINAGE PIPE:

1. MINIMUM WIDTH OF THE TRENCH SHOULD BE THE PIPE OD PLUS 16" OR THE PIPE OD TIMES 1.25 PLUS 12" TO ALLOW ADEQUATE ROOM FOR JOINING THE PIPE, SNAKING FOR EXPANSION AND CONTRACTION WHERE APPROPRIATE AND BACKFILLING AND COMPACTION OF BACKFILL. THE SPACE BETWEEN THE PIPE AND THE TRENCH WALL MUST BE WIDER THAN THE COMPACTION EQUIPMENT USED.
2. PROVIDE 4" MINIMUM OF FIRM, STABLE, AND UNIFORM BEDDING MATERIAL IN THE TRENCH BOTTOM. IF ROCK OR UNYIELDING MATERIAL IS ENCOUNTERED, PROVIDE 6" MINIMUM.
3. BLOCKING IS NOT PERMITTED TO SUPPORT PIPE IN THE TRENCH.
4. THE PIPE SHOULD BE SURROUNDED WITH AN AGGREGATE MATERIAL COMPACTED TO 85-95%.
5. PIPE SHALL ALWAYS BE INSTALLED BELOW THE FROST LEVEL.
6. DO NOT ALLOW VEHICULAR TRAFFIC OR HEAVY CONSTRUCTION EQUIPMENT TO TRAVERSE THE PIPE TRENCH.



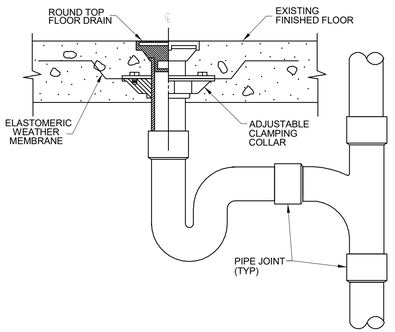
SANITARY WASTE FLOOR CLEAN-OUT DETAIL

2 N.T.S.



TRAP SEAL DETAIL

3 N.T.S.



FLOOR DRAIN DETAIL

4 N.T.S.

VENT PIPING FLASHING DETAIL

5 N.T.S.

YARD CLEANOUT DETAIL

6 N.T.S.

WALL CLEANOUT DETAIL

7 N.T.S.

FLOOR SLEEVE DETAIL

8 N.T.S.

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REVISIONS

PROJECT NO.

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DESIGN DEVELOPMENT

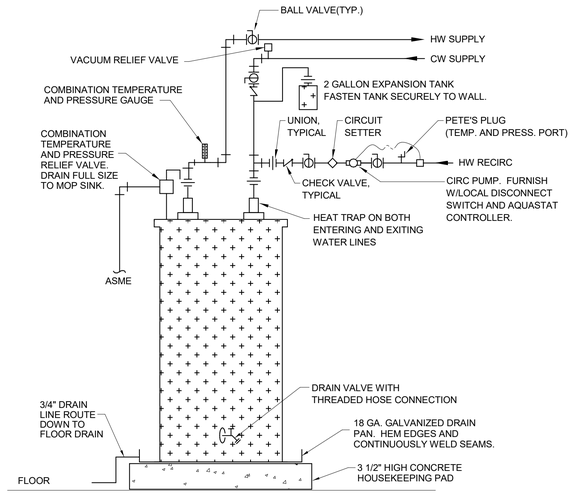
DATE
03/13/2026

DESCRIPTION
PLUMBING DETAILS

P4.01

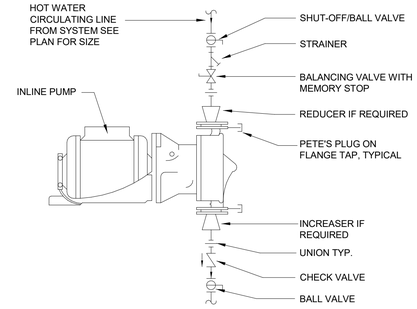
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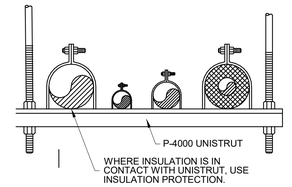
1 ELECTRIC WATER HEATER DETAIL

NOT TO SCALE

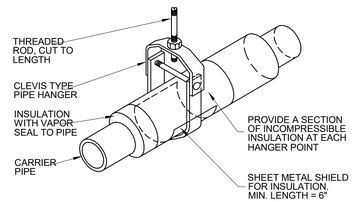


2 INLINE CIRCULATING PUMP DETAIL

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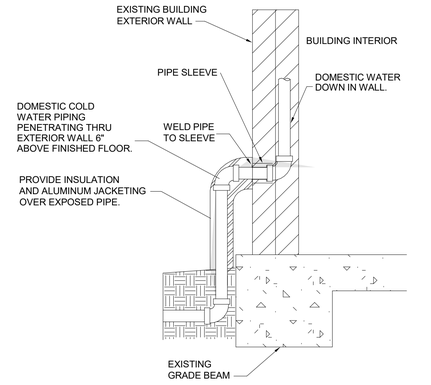


NOTE: ALL PIPE INSULATION SHALL BE CONTINUOUS. INSULATED PIPES SHALL BE SUPPORTED AROUND INSULATION. "NOTCHING" OF INSULATION AROUND PIPE SUPPORTS IS NOT ACCEPTABLE.



3 PIPE HANGER DETAIL

N.T.S.



4 DOMESTIC WATER ENTRANCE

NOT TO SCALE

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