

LIVONIA PUBLIC SCHOOLS

COOLIDGE ELEMENTARY SCHOOL
HYDRATION STATIONS

LIVONIA MICHIGAN

PROJECT NO. 2025-040

August 8th, 2025

BID SET



FRENCH

LIST OF DRAWINGS

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- A0.02 CODE PLAN
- A0.03 PARTITION LEGEND
- AD2.00 GENERAL DEMOLITION NOTES AND DETAILS
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- AD2.10A UNIT A DEMOLITION FLOOR PLAN
- AD2.10D UNIT D DEMOLITION FLOOR PLAN
- A2.01 COMPOSITE FLOOR PLAN
- A2.10A UNIT A FLOOR PLAN
- A2.10D UNIT D FLOOR PLAN
- A3.02A ROOM FINISH SCHEDULE

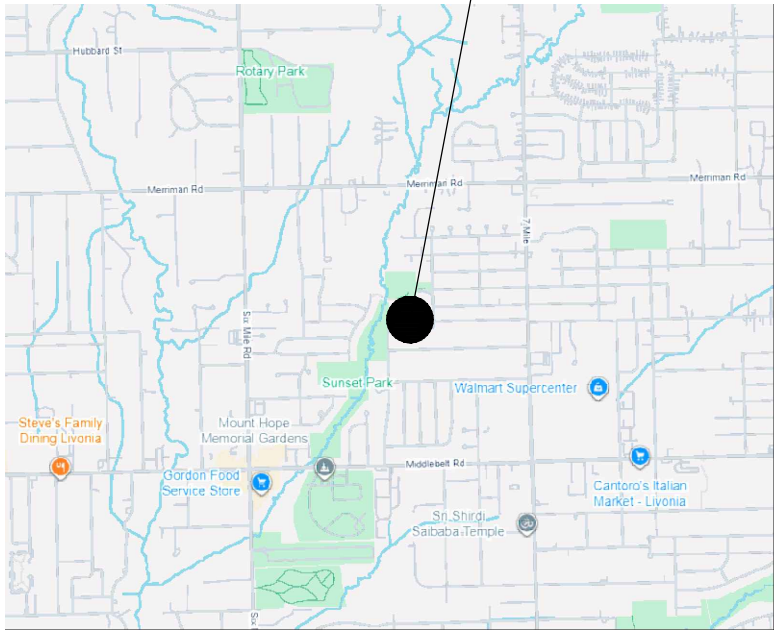
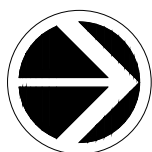
MECHANICAL

- P0.00 PLUMBING GENERAL INFORMATION
- P1.00 COMPOSITE PLUMBING FLOOR PLAN
- P4.10 ENLARGED PLUMBING DEMOLITION AND NEW WORK PLANS

ELECTRICAL

- E0.00 ELECTRICAL GENERAL INFORMATION
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- E4.10 ENLARGED ELECTRICAL POWER DEMOLITION AND NEW WORK PLANS
- E5.00 ELECTRICAL DETAILS

30500 CURTIS, LIVONIA, MI 48152



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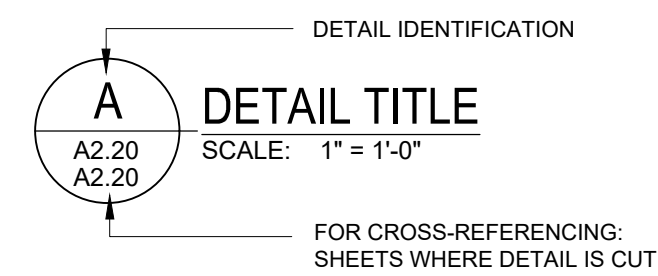
MATERIAL LEGEND

	SOIL
	ASPHALT AGGREGATE
	GRANULAR FILL
	STONE/GRAVEL
	CONCRETE
	CONCRETE MASONRY UNIT
	BRICK
	GLAZED HOLLOW CMU
	STRUCTURAL GLAZED TILE
	LIMESTONE
	MARBLE
	FINISH WOOD
	COMPOSITION/PLYWOOD
	CONTINUOUS WOOD BLOCKING
	BLOCKING OR SHIMS
	BATT INSULATION
	RIGID INSULATION
	PREMOLDED EXPANSION JOINT/ COMPRESSIBLE FILLER STRIP
	PLASTER OR GYPSUM BOARD
	CERAMIC OR QUARRY TILE
	TERRAZZO
	ACOUSTICAL PANEL OR ACOUSTICAL TILE
	EXISTING MATERIAL (IN SECTION)
	EXISTING MATERIAL (IN PLAN)
	DEMOLITION - TO BE REMOVED

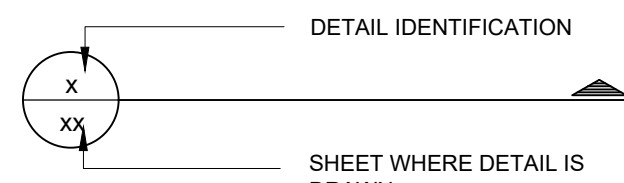
ABBREVIATIONS

	AIR CONDITIONING	L	LENGTH
ACOUNT	ACOUSTICAL	LAM	LAMINATE(D)
ACT	ACOUSTICAL CEILING TILE	LAV	LAVATORY
ADA	AMERICANS WITH DISABILITIES ACT	LB#	POUND
ADJ	ADJUSTABLE	LC	LIGHT GAUGE FRAMING
AFF	ABOVE FINISHED FLOOR	LIN	LINOLEUM
AGG	AGGREGATE	LKR	LOCKER
ALT	ALTERNATE	LLH	LONG LEG HORIZONTAL
AL/ALUM	ALUMINUM	LLV	LONG LEG VERTICAL
ANOD	ANODIZED	LMC	LINEAR METAL CEILING
APC	ARCHITECTURAL PRECAST LINTEL	LOC	LOCATION(S)
APPROX	APPROXIMATE	LP	LOW POINT
ARCH	ARCHITECT(URAL)		
ASPH	ASPHALT	MANUF	MANUFACTURER
AV	AUDIO/VISUAL	MAR	MARBLE THRESHOLD
L	ANGLE	MB	MARKER BOARD
		MAS	MASONRY
B CMU	BURNISHED CMU	MAT	MATERIAL/MAT
BIT	BITUMINOUS	MAU	MAKE UP AIR UNIT
BD	BOARD	MAZ	MAXIMUM
BF	BARRIER FREE	MECH	MECHANICAL
BLDG	BUILDING	MEZZ	MEZZANINE
BLK	BLOCK	MIN	MINIMUM/MINUTE
BLKG	BLOCKING	MISC	MISCELLANEOUS
BM	BENCH MARK/BEAM	ML	MASONRY LINTEL
BOT	BOTTOM	MPP	METAL PANEL
BRG	BEARING	MWP	METAL WALL PANEL
BUR	BUILT-UP ROOF	MS	MASONRY OPENING
		MET/MTL	METAL
CAB	CABINET	MSF	METAL STUD FRAMING
CUH	CABINET UNIT HEATER	MT	METAL THRESHOLD
CB	CHALKBOARD/CATCH BASIN		
CEM	CEMENT	NIC	NOT IN CONTRACT
CER	CERAMIC	NO/#	NUMBER
CFM	CUBIC FEET PER MINUTE	NO/M	NOISE
CF	CONTRACT JOINT	NSF	NON-SLIP FINISH
CL	CENTERLINE	NTS	NOT TO SCALE
CLG	CEILING		
CLR	CLEAR	OC	ON CENTER
CMU	CONCRETE MASONRY UNIT	OD	OUTSIDE DIAMETER
COL	COLUMN	OH/D	OVERHEAD DOOR
COMP	COMPACTED	OPNG	OPENING
CONC	CONCRETE	OPP	OPPOSITE
CONST	CONSTRUCTION	OS	OVERFLOW SUMP
CONT	CONTINUOUS/CONTINUE		
CONTR	CONTRACTOR	PART	PARTICLE
CORR	CORRUGATED	PARTN	MOVABLE PARTITION
CPL	CEMENT PLASTER	PC	PRECAST CONCRETE
CPT	CARPET	PL	PLATE/PROPERTY LINE
CT	CERAMIC TILE	PLAS	PLASTER
CU	CONDENSING UNIT	PLAM	PLASTIC LAMINATE
CUSP	CUSPIDOR	PLYWD	PLYWOOD
CWF	CURTAINWALL FRAMING	PREFAB	PREFABRICATED
		PREFIN	PREFINISHED
D	DEPTH/DEEP	PSF	POUNDS PER SQUARE FOOT
*	DEGREE	PSI	POUNDS PER SQUARE INCH
DC	DISPLAY CASE	PTD	PAINTED
DEMO	DEMOLISH/DEMOLITION	PVC	POLYVINYL CHLORIDE
DTL	DETAIL		
DF	DRINKING FOUNTAIN	QTY	QUARRY TILE
DIA/Ø	DIAMETER		
DIV	DIMENSION	R	RISE/RADIUM
DVS	DIVISION	RB	RESILIENT WALL BASE/RUBBER BASE
DS	DOWNSPOUT	RF	RUBBER FLOORING
DWG	DRAWING	RC	RAIN CONDUCTOR
		RES	RESILIENT
EA	EACH	RS	ROOF SUMP
EJ	EXPANSION JOINT	REF	REFERENCE
EL	ELEVATION	REFR	REFRIGERATOR
ELEC	ELECTRICAL	REINF	REINFORCING
ELEV	ELEVATOR	REQD	REQUIRED
EQ	EQUAL	REV	REVISION(S)
EQUIP	EQUIPMENT	RF	ROOF EXHAUST FAN
EIFS	EXTERIOR INSULATION FINISH	RM	REMOVABLE MULLION/ROOM
EW	ELECTRIC WATER COOLER	RO	ROUGH OPENING
EXH	EXHAUST	RWO	RIGHT OF WAY
EXIST	EXISTING	RTU	ROOF TOP UNIT
EXP	EXPANSION	RV	ROOF VENT
EXT	EXTERIOR		
		S	SINK
FD	FLOOR DRAIN	SAAC	SPRAY APPLIED ACOUSTICAL COATING
FEC	FIRE EXTINGUISHER CABINET	SCHED	SCHEDULE
FF	FORCED FLOW CABINET HEATER	SEAL	CONCRETE SEALER
FHC	FIRE HOSE CABINET	SEC	SECTION
FIN	FINISH	SFF	STOREFRONT FRAMING
FIN FL	FINISH FLOOR	SHT	SHEET
FLR	FLOOR	SIM	SIMILAR
FOUND	FOUNDATION	SPEC(S)	SPECIFICATIONS
FT	FEET	SP CMU	SPLIT FACE CMU
FTG	FOOTING	SPK	SPORTS IMPACT FLOORING
FRP	FIBERGLASS REINFORCED POLYESTER	SPI	SPEAKER
		SQ	SQUARE
		SS	SERVICE SINK/STAINLESS STEEL
GA	GAUGE	SSM	SOLID SURFACE MATERIAL
GALV	GALVANIZE(D)	STD	STANDARD
GB	GRAB BARS	STL	STEEL
GHT	GLAZED HOLLOW TILE	STRUCT	STRUCTURAL
GL	GLASS	SUSP	SUSPENDED
GLCMU	GLAZED CMU	SVT	SOLID VINYL TILE
GLZD	GLAZED	SV	SHEET VINYL
GYP	GYPSUM		
		T	TREAD
H/HTG	HEIGHT	T&B	TOP AND BOTTOM
HB	HOSE BIB	TB	TACK BOARD
HM	HOLLOW METAL	TC	TOP OF CURB
HORIZ	HORIZONTAL	TEMP	TEMPERATURE
HP	HIGH POINT	TER	TERRAZZO
HR	HOUR	TOC	TOP OF CONCRETE
HVAC	HEATING/VENTILATING/AIR CONDITIONING	TOF	TOP OF FOOTING
		TOM	TOP OF MASONRY
		TOS	TOP OF STEEL
ID	INSIDE DIAMETER	TS	TUBE STEEL
IN"	INCH	TV	TELEVISION
INCL	INCLUDE(D),(ING)	TYP	TYPICAL
INSUL	INSULATION/INSULATE(D)		
INT	INTERIOR	UNO	UNLESS NOTED OTHERWISE
		UNIT	UNIT VENTILATOR
KIT	KITCHEN		
		VCT	VINYL COMPOSITION TILE
JST	JOIST	VCG	VINYL COVERED GYPSUM BOARD
JT	JOINT	VERT	VERTICAL
		VIF	VERIFY IN FIELD
		VUV	VERTICAL UNIT VENTILATOR
		W/	WITH
		W/O	WITHOUT
		WC	WATER CLOSET
		WD	WOOD
		WDCS	WOOD SOUND CONTROL
		WH	WATER HEATER
		WP	WORKING POINT / WATERPROOF
		WWF	WELDED WIRE FABRIC

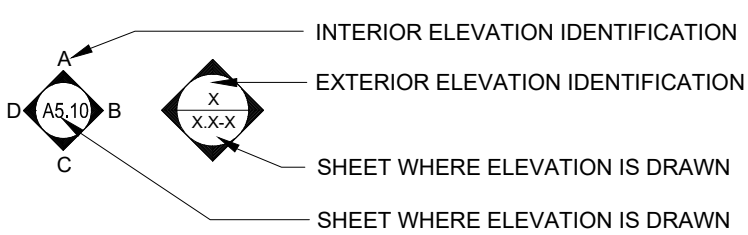
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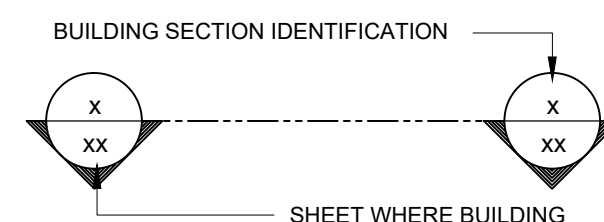
DRAWING SYMBOL



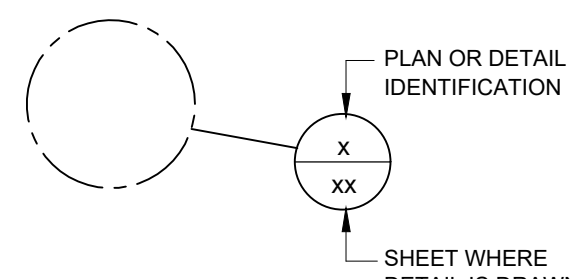
DETAIL LOCATOR



ELEVATION SYMBOL



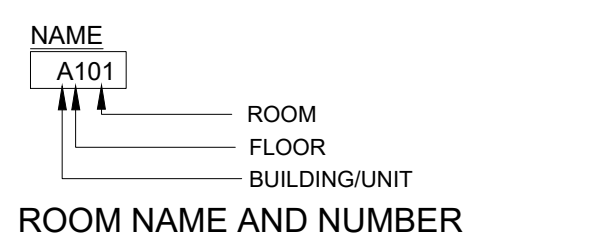
BUILDING SECTION LOCATOR



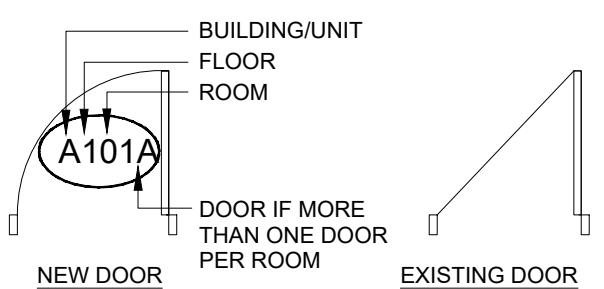
PLAN OR DETAIL BLOW-UP



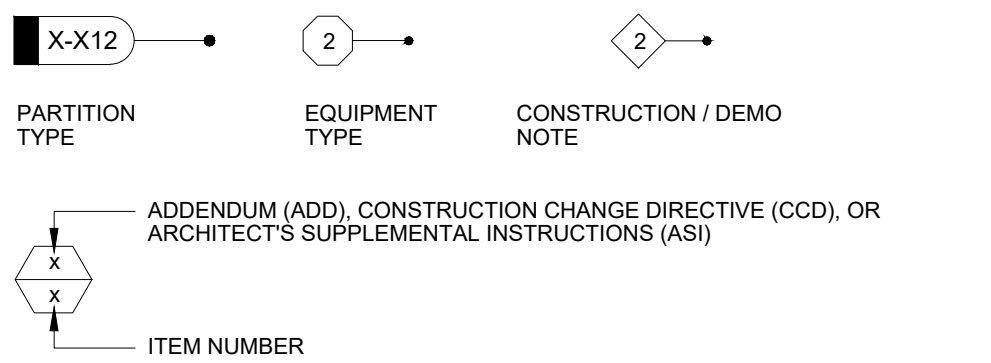
COLUMN GRID



ROOM NAME AND NUMBER



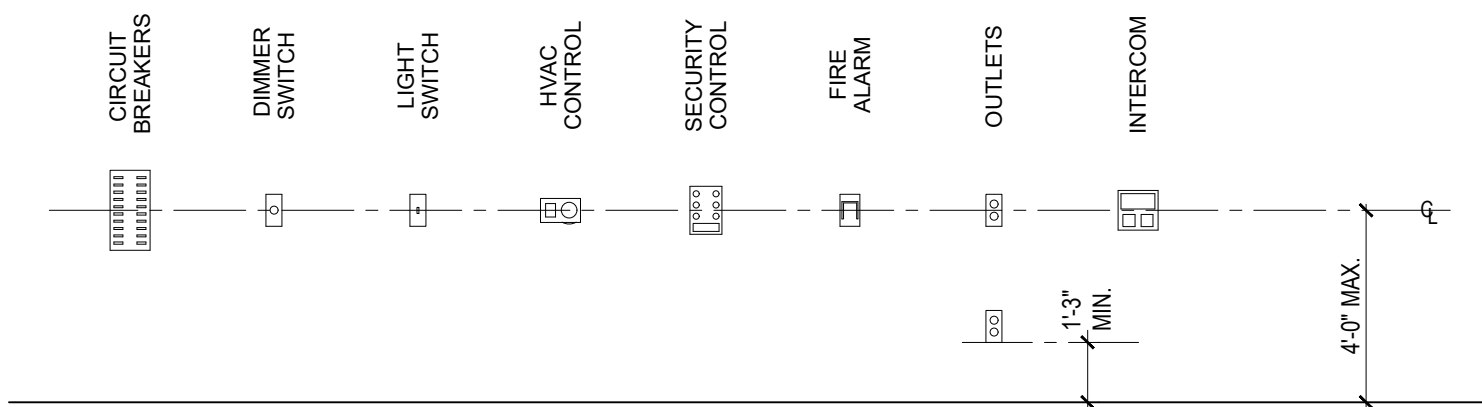
DOOR NUMBER AND SYMBOLS



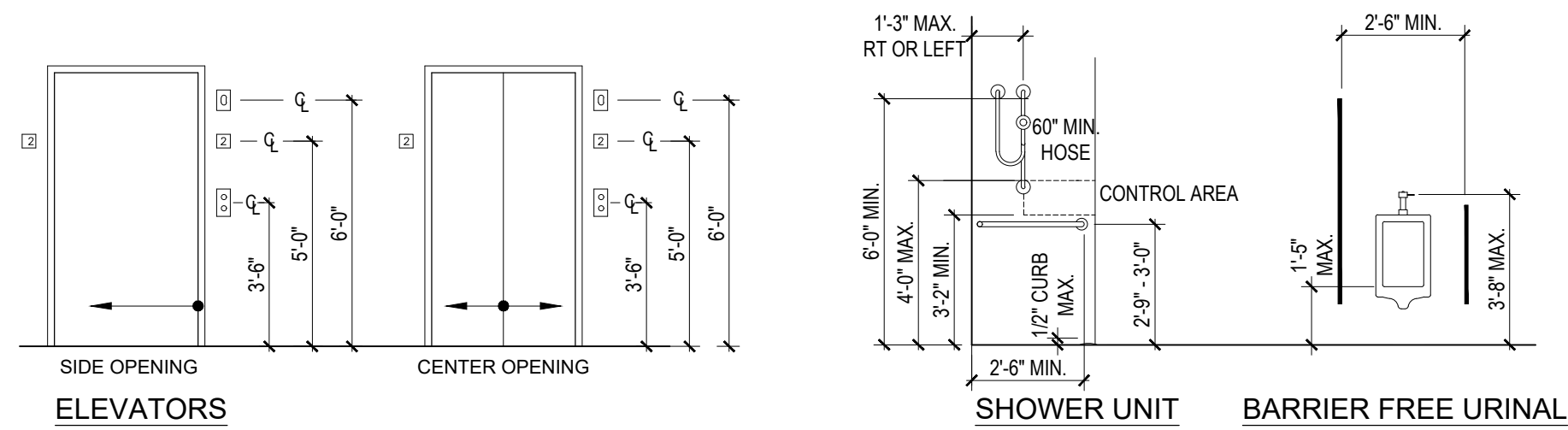
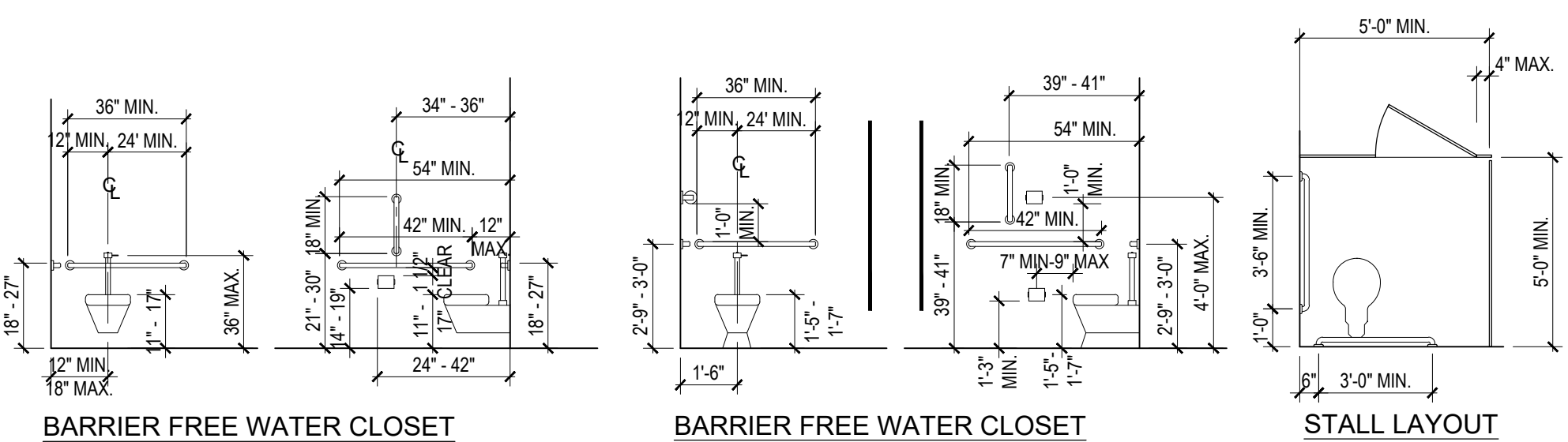
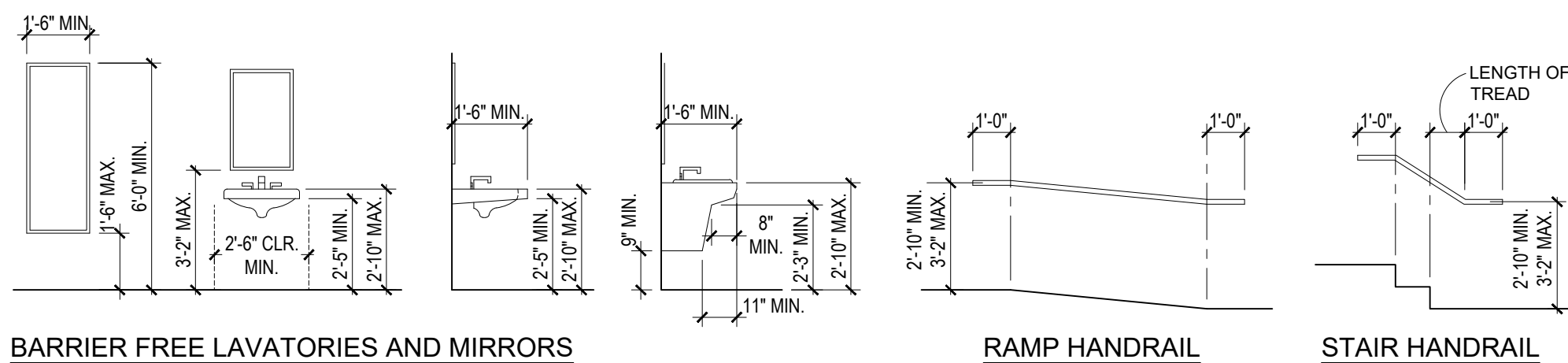
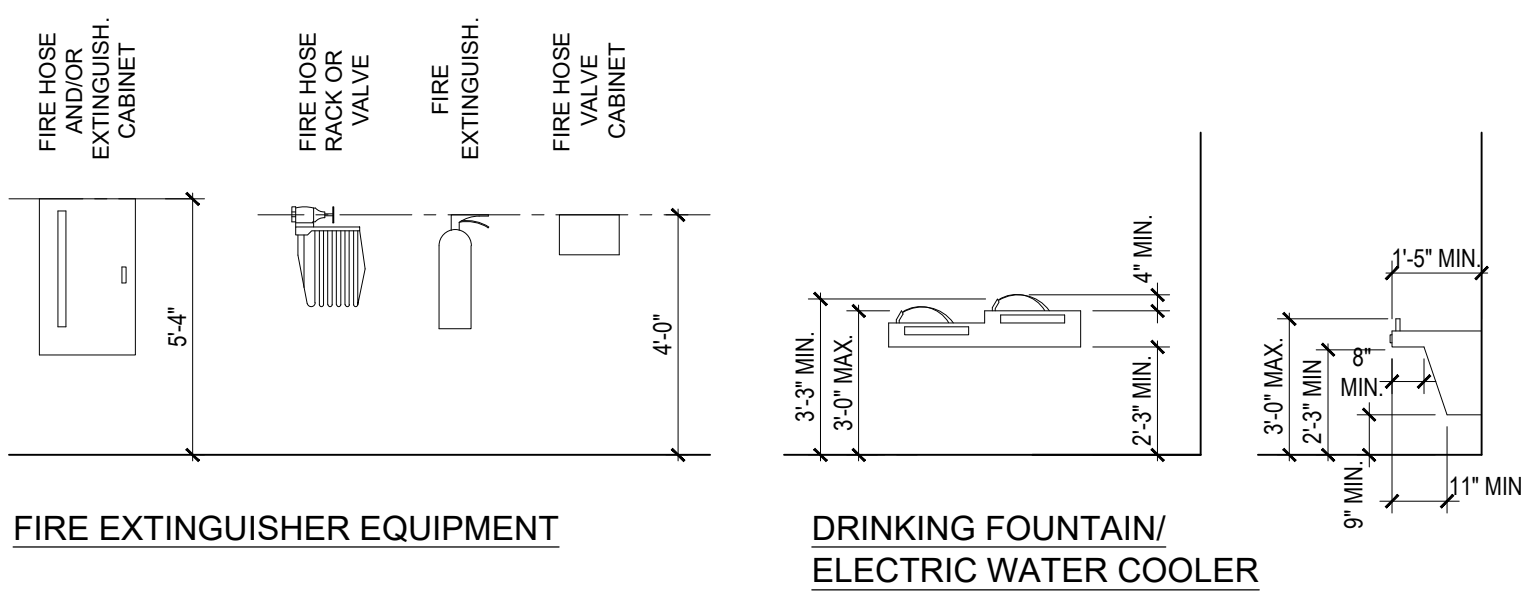
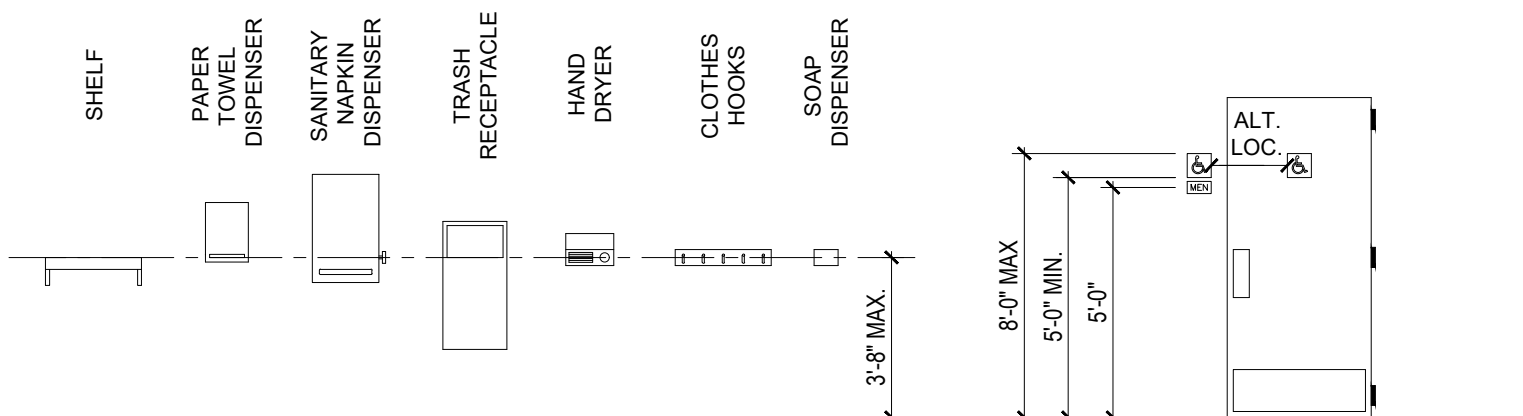
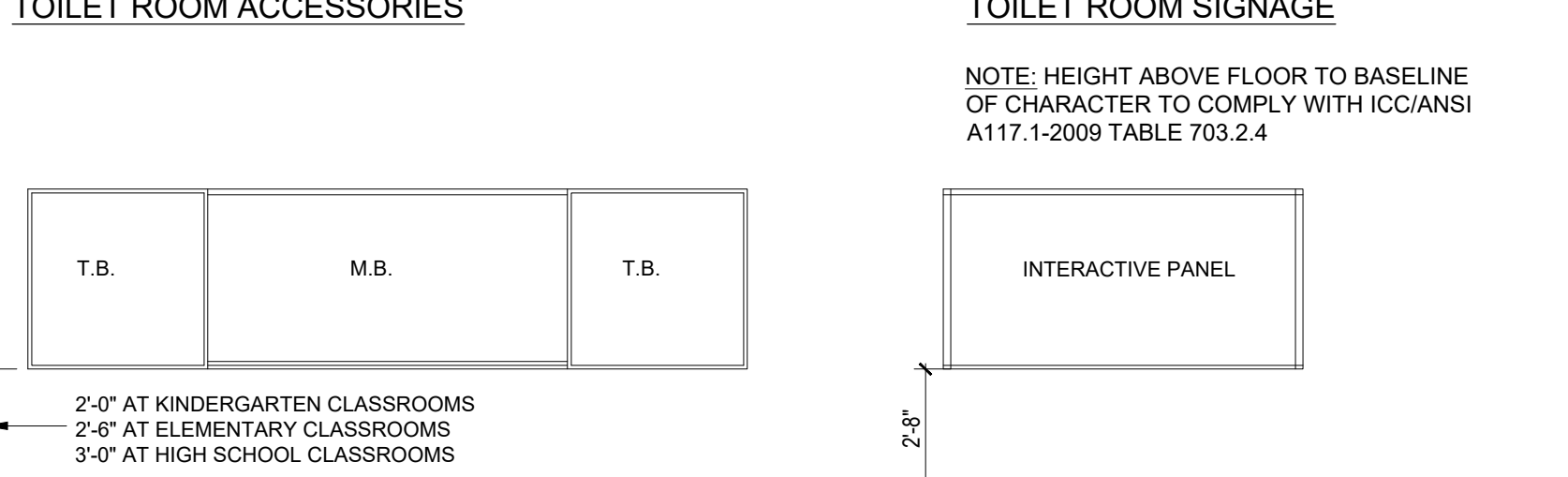
MISCELLANEOUS SYMBOLS



MOUNTING HEIGHTS



CONVENIENCE CONTROLS AND OUTLETS

[illegible]

FRENCH

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Auburn Hills | MI 48326
248.656.1377

PROJECT

Livonia Public Schools
Hydration Stations
Coolidge Elementary

LIVONIA,
MICHIGAN

SHEET

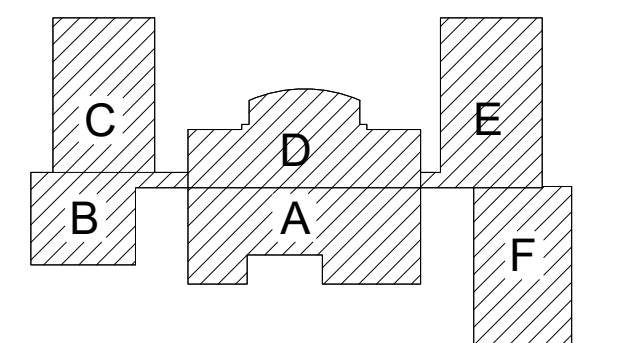
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PROJECT NUMBER

2025-040

SHEET NUMBER

A0.01



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PROJECT

Livonia Public Schools
Hydration Stations
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LIVONIA,
MICHIGAN

SHEET

CODE PLAN

PROJECT NUMBER

2025-040

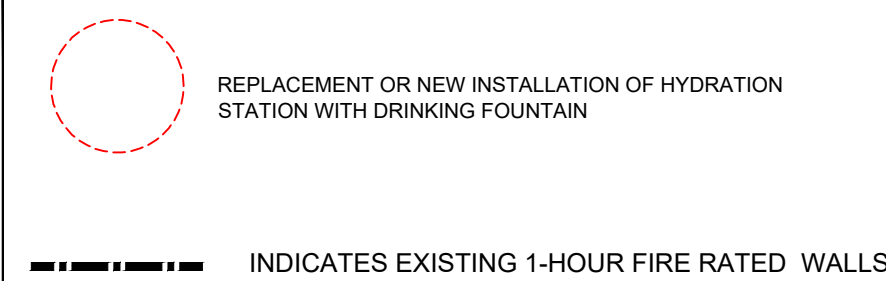
SHEET NUMBER

A0.02

CODE PLAN INFORMATION

- a) DESIGN CODES
- a1) 2021 MICHIGAN REHABILITATION CODE (EXISTING BUILDING)
- a2)b126 SCHOOL FIRE SAFETY RULES
- a3)nFPA 101 LIFE SAFETY CODE 2015 EDITION
- a4) 2021 MICHIGAN PLUMBING CODE
- a5) 2021 MICHIGAN MECHANICAL CODE
- a6) 2021 MICHIGAN UNIFORM FIRE PROTECTION CODE
- a7) 2023 MICHIGAN ELECTRICAL CODE RULES, PART 8
- a8) 2023 NATIONAL ELECTRICAL CODE (NFPA 70)
- a9) 2017 ICC A117.1 ACCESSIBLE AND USABLE BUILDINGS & FACILITIES
- b) DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE (106.8)
- a) REPRESENTATIVE OF FRENCH ASSOCIATES WILL BE THE DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE.
- c) COMPLIANCE METHOD (CHAPTER 3)
- a) WORK AREA COMPLIANCE METHOD (301.1.2) - THE WORK SHALL COMPLY WITH THE APPLICABLE REQUIREMENTS OF CHAPTERS 5 THROUGH 11.
- d) CLASSIFICATION OF WORK (CHAPTER 5)
- a) AS DEFINED BY THE MICHIGAN REHABILITATION CODE, THE WORK INCLUDES LEVEL 1 ALTERATIONS AND LEVEL 2 ALTERATIONS. THE WORK AREA DOES NOT EXCEEDS 50% OF THE BUILDING AREA.
- b) THERE IS NO CHANGE OF OCCUPANCY.
- c) THERE IS NO ADDITION
- d) UNDER THE SCHOOL FIRE SAFETY RULES, THE SCOPE OF WORK IN THE LEVEL 1 ALTERATIONS IS THE REPLACEMENT OF EXISTING FINISHES AND SYSTEMS. AS A RESULT, THE LEVEL 1 ALTERATION AREDS DO NOT QUALIFY AS REMODELING.
- e) UNDER THE ALTERATION AREAS ARE BEING REMOVED AS DEFINED BY THE SCHOOL FIRE SAFETY RULES, THE LEVEL 2 ALTERATION AREA IS LESS THAN 50% OF THE BUILDING AREA SO WE ARE NOT REQUIRED TO BRING THE WHOLE BUILDING INTO COMPLIANCE.
- e) CHAPTER 7- ALTERATIONS- LEVEL 1
- a) SECTION 702.1- NEW INTERIOR FINISHES WILL COMPLY WITH CHAPTER 8 OF THE MICHIGAN BUILDING CODE.
- f) FROM TABLE 803.8- CORRIDORS ARE CLASS B FINISHES, ROOMS ARE CLASS C FINISHES
- g) INTERIOR FLOOR FINISHES SHALL COMPLY WITH SECTION 804 OF MBC.
- f) CHAPTER 8- ALTERATIONS- LEVEL 2
- a) SECTION 803.4- NEW INTERIOR FINISHES WILL COMPLY WITH CHAPTER 8 OF THE MICHIGAN BUILDING CODE.
- f) FROM TABLE 803.8- CORRIDORS ARE CLASS B FINISHES, ROOMS ARE CLASS C FINISHES
- b) 803.4.1- THE NEW AND EXISTING FINISHES OF CORRIDORS SERVING THE WORK AREA SHALL COMPLY WITH SECTION 804 OF THE MBC.
- c) SECTION 804- FIRE PROTECTION
- i) 804.2.2- IN WORK AREAS, THE FIRE PROTECTION (SPRINKLER) SYSTEM WILL BE MODIFIED AS REQUIRED TO COMPLY WITH THE MICHIGAN BUILDING CODE.
- ii) 804.4- THE EXISTING BUILDING HAS AN EXISTING, PREVIOUSLY APPROVED FIRE ALARM SYSTEM (EXCEPTION 1)
- iii) 804.4.1.1 THE EXISTING FIRE ALARM SYSTEM IS ALREADY IN PLACE IN THE WORK AREA AND SHALL BE MAINTAINED. MODIFICATIONS SHALL COMPLY WITH SECTION 90 OF THE MBC.
- d) SECTION 805.3- THE EXISTING NUMBER OF EXITS BEING MAINTAINED COMPLY WITH MBC CHAPTER 10 REQUIREMENTS FOR QUANTITY AND SIZING.
- e) 805.3.2- THE CORRIDOR DOORS IN THE WORK AREA THAT ARE BEING REPLACED SHALL BE SOLID CORE WOOD OR HOLLOW METAL AND SHALL NOT CONTAIN LOUVERS
- f) 805.5.3- OTHER CORRIDOR OPENING- THE EXISTING CORRIDOR WALLS PROVIDE A SMOKE BARRIER SEPARATION. NEW CORRIDOR OPENINGS SHALL MAINTAIN THE SMOKE BARRIER.
- g) 805.6- DEAD END CORRIDORS IN THE WORK AREAS DO NOT EXCEED 35'
- h) 805.7- MEANS OF EGRESS AND EMERGENCY LIGHTING ARE PROVIDED AS REQUIRED IN 904.4
- i) 805.8- EXITS AS PROVIDED AS REQUIRED IN THE LEVEL 1 AND LEVEL 2 ALTERATION AREAS.
- g) NFPA 101 LIFE SAFETY CODE, CHAPTER 11, EXISTING EDUCATIONAL OCCUPANCIES
- a) THE SPACES BEING REMODELED (LEVEL 2 ALTERATIONS) ARE DESIGNED TO COMPLY WITH THE REQUIREMENTS OF CHAPTER 11, EXISTING EDUCATIONAL OCCUPANCIES.
- b) 11-1.1.1- 2.5- EXISTING MEANS OF EGRESS COMPONENTS COMPLY
- c) 11-2.6 TRAVEL DISTANCE TO EXITS- EXISTING EXIT TRAVEL DISTANCES ARE BEING MAINTAINED. IN LOCATIONS WHERE THE TRAVEL DISTANCE TO AN EXIT IS BEING CHANGED BY THE ADDITION, THE ROOMS HAVE AN EXIT TRAVEL DISTANCE OF LESS THAN 140 FEET
- d) 11-2.8 THROUGH 11-2.10- NEW LIGHT FIXTURES, EMERGENCY LIGHTING AND EXIT SIGNS ARE PART OF THE WORK AND WILL COMPLY.
- e) 11-3.2- THE EXISTING BOILER ROOM IS SEPARATED FROM THE REST OF THE BUILDING BY A 1 HOUR FIRE RATED WALL
- f) 11-3.3- INTERIOR FINISHES OF CORRIDORS ARE CLASS B, MINIMUM. ALL OTHER LOCATIONS ARE CLASS C, MINIMUM.
- g) THE EXISTING FIRE ALARM SYSTEM IS BEING MAINTAINED
- h) 11-3.6- WE ARE NOT REMODELING THE CORRIDORS OR MOST CLASSROOM SPACES, JUST REPLACING CEILINGS, LIGHTS AND FINISHES AS INDICATED. IN LOCATIONS WHERE WE ARE REMODELING, THE CORRIDOR WALL IS BEING MAINTAINED AS EXISTING.
- i) 11-3.7- THE EXISTING BUILDING IS SUB-DIVIDED INTO EXISTING FIRE AREAS.

CODE PLAN LEGEND



| BUILDING INFORMATION

EXISTING BUILDING AREA: FIRST FLOOR 65,075 SF.

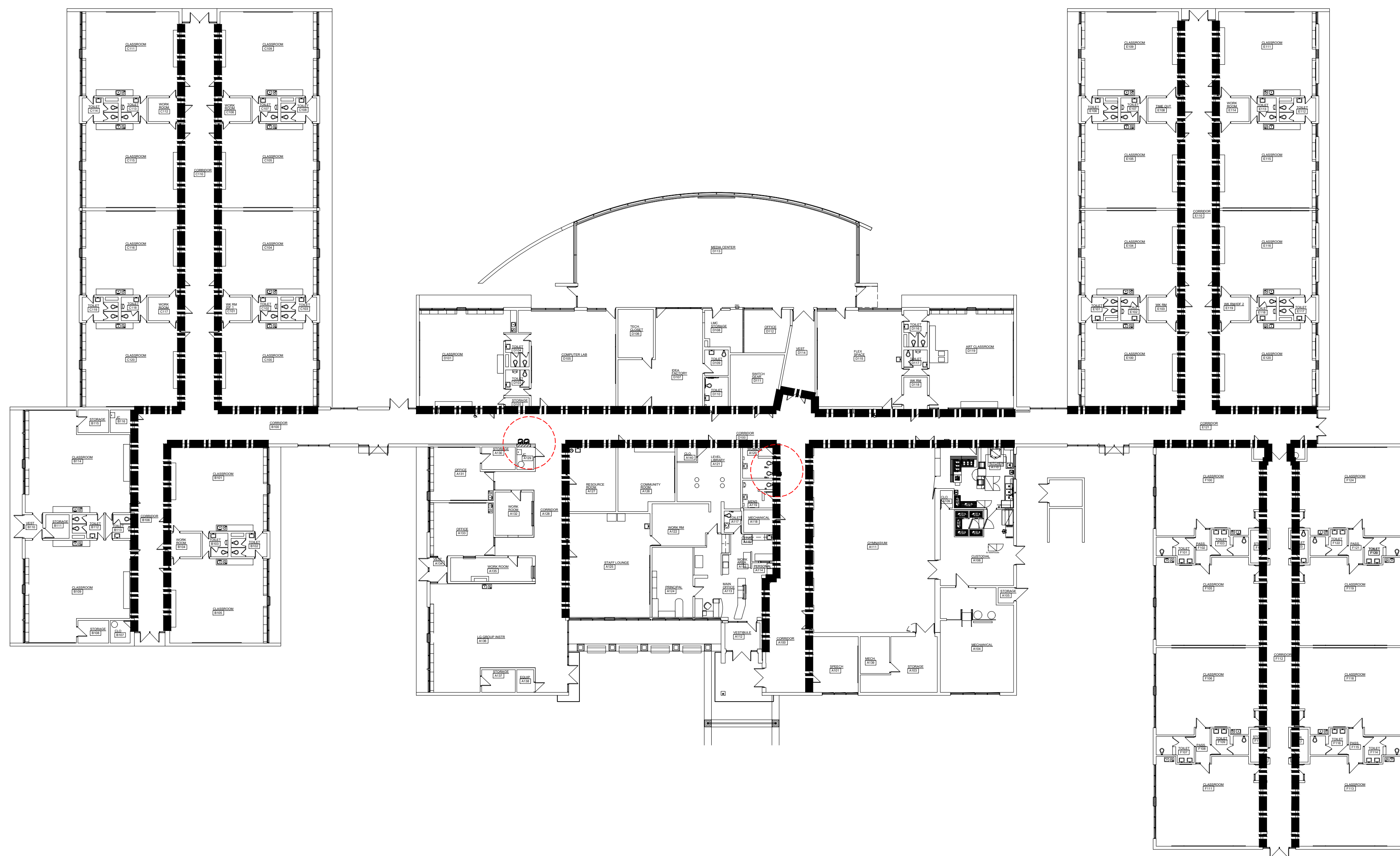
STUDENT POPULATION IS NOT CHANGING

NO CHANGE OF USE

EXISTING BUILDING IS NOT SPRINKLED.

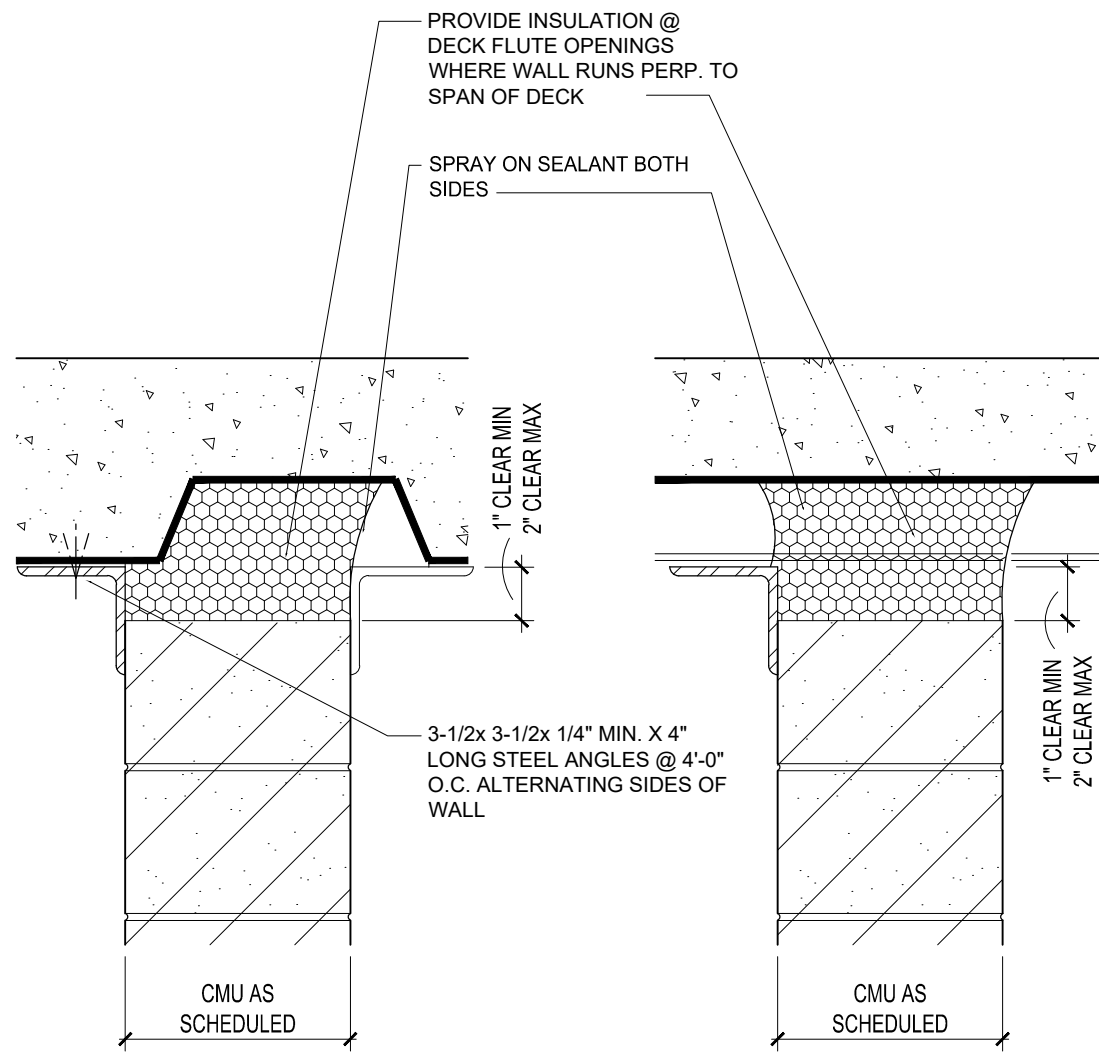
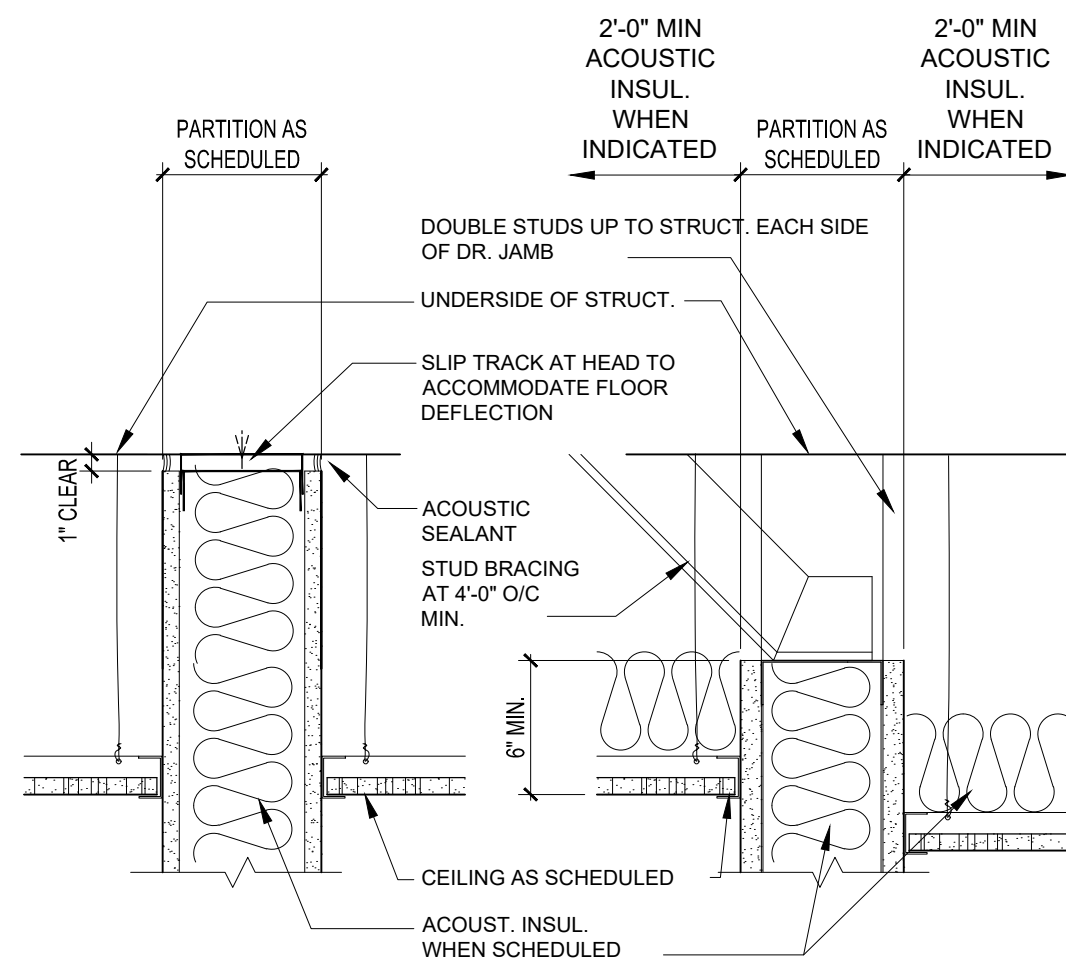
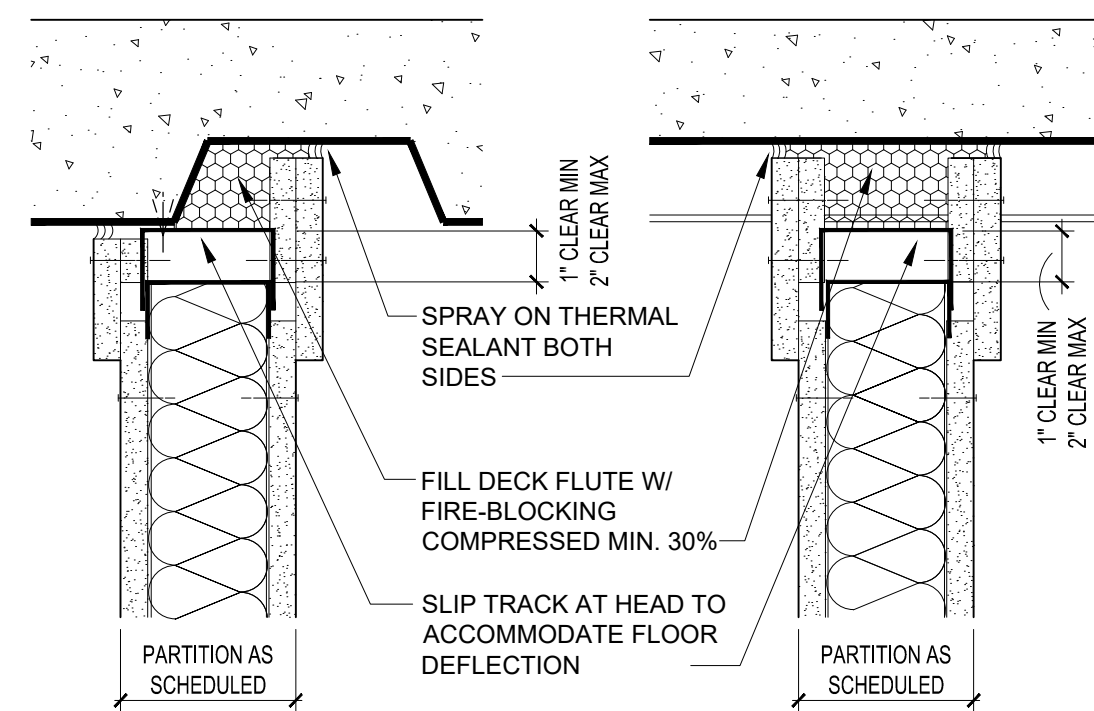
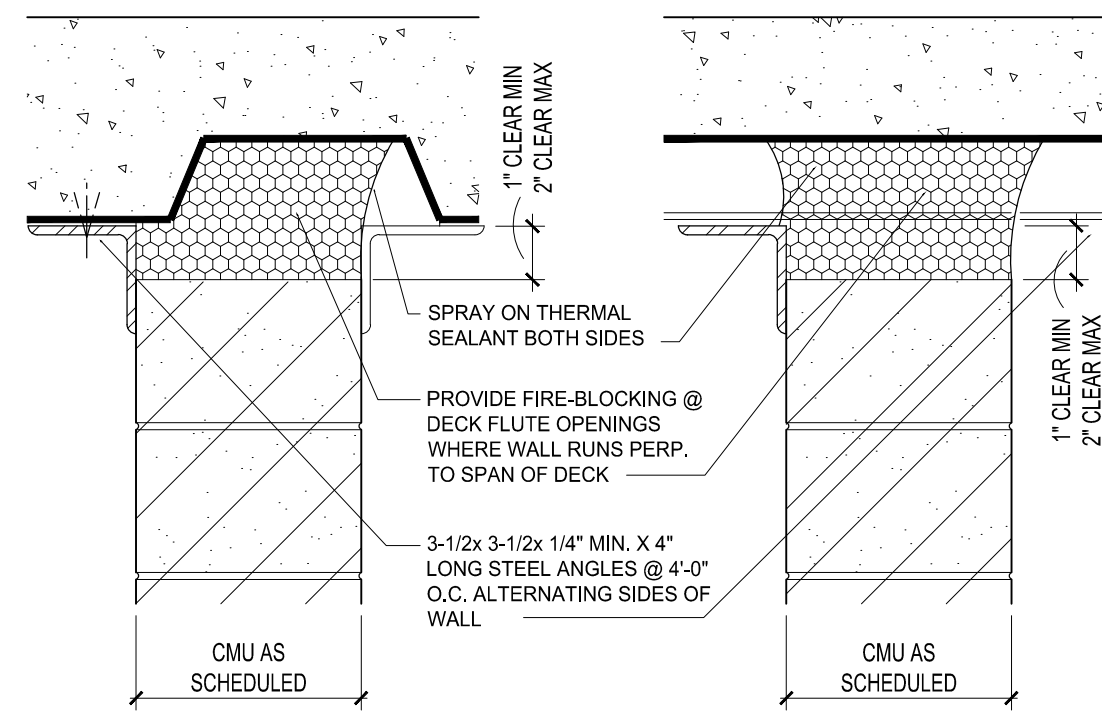
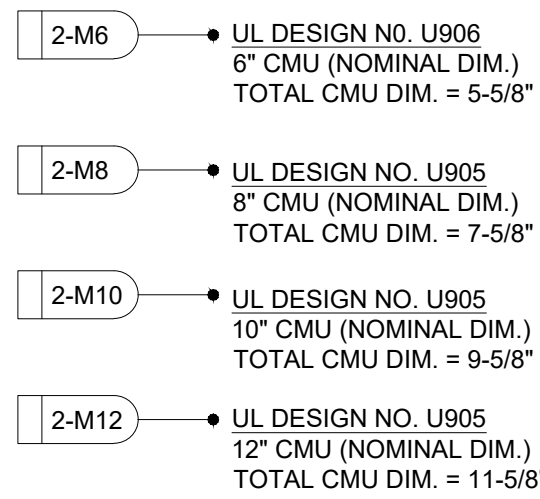
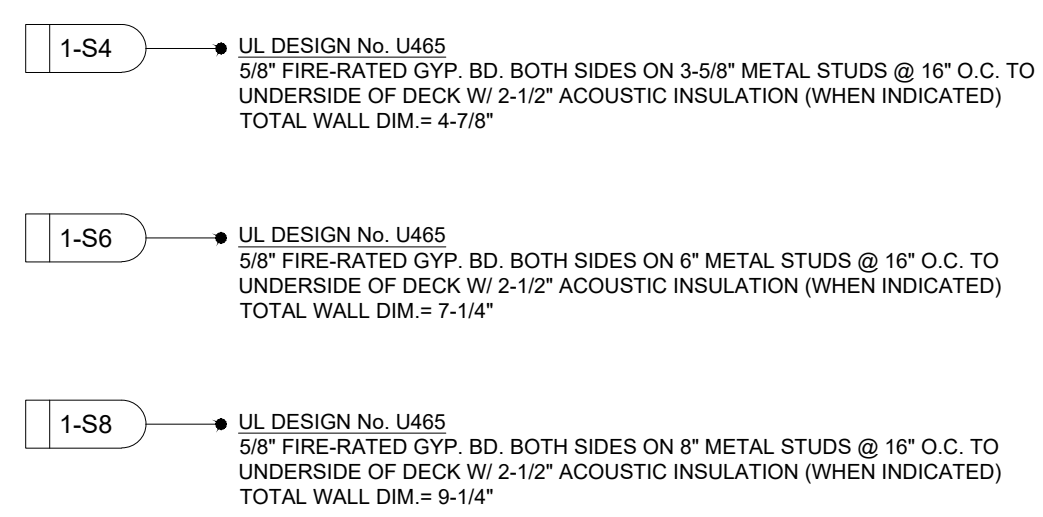
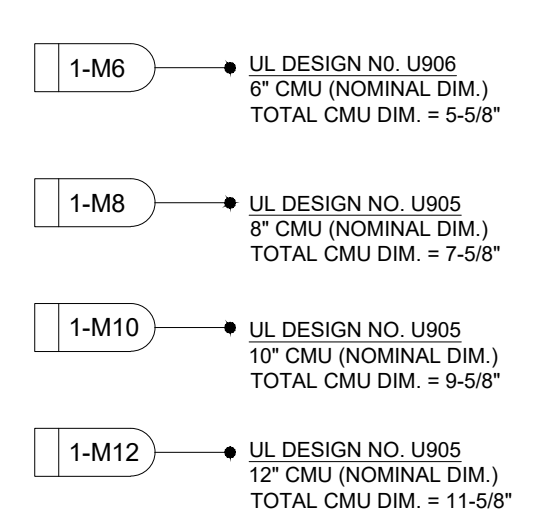
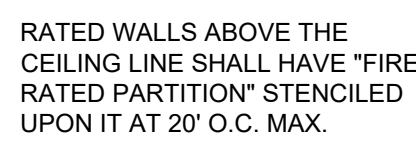
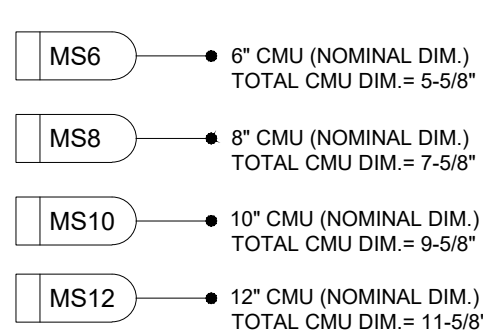
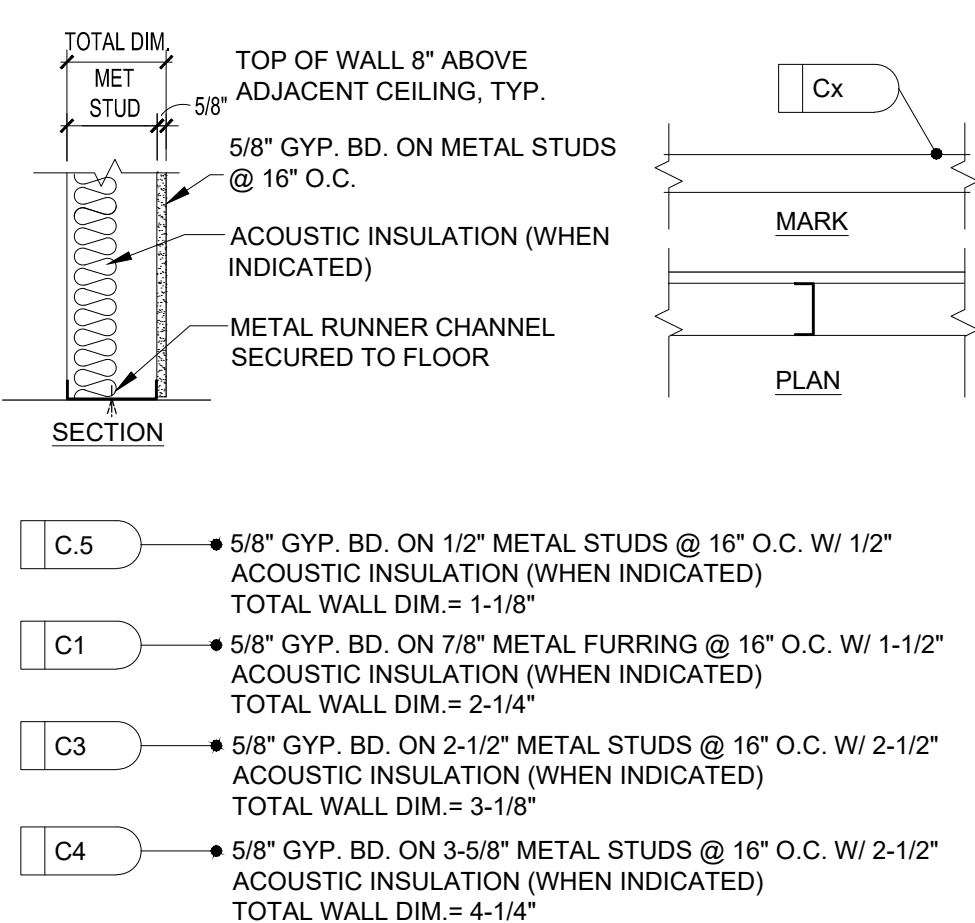
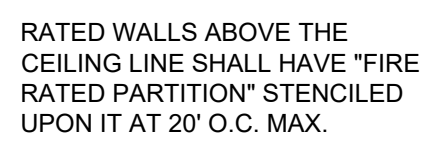
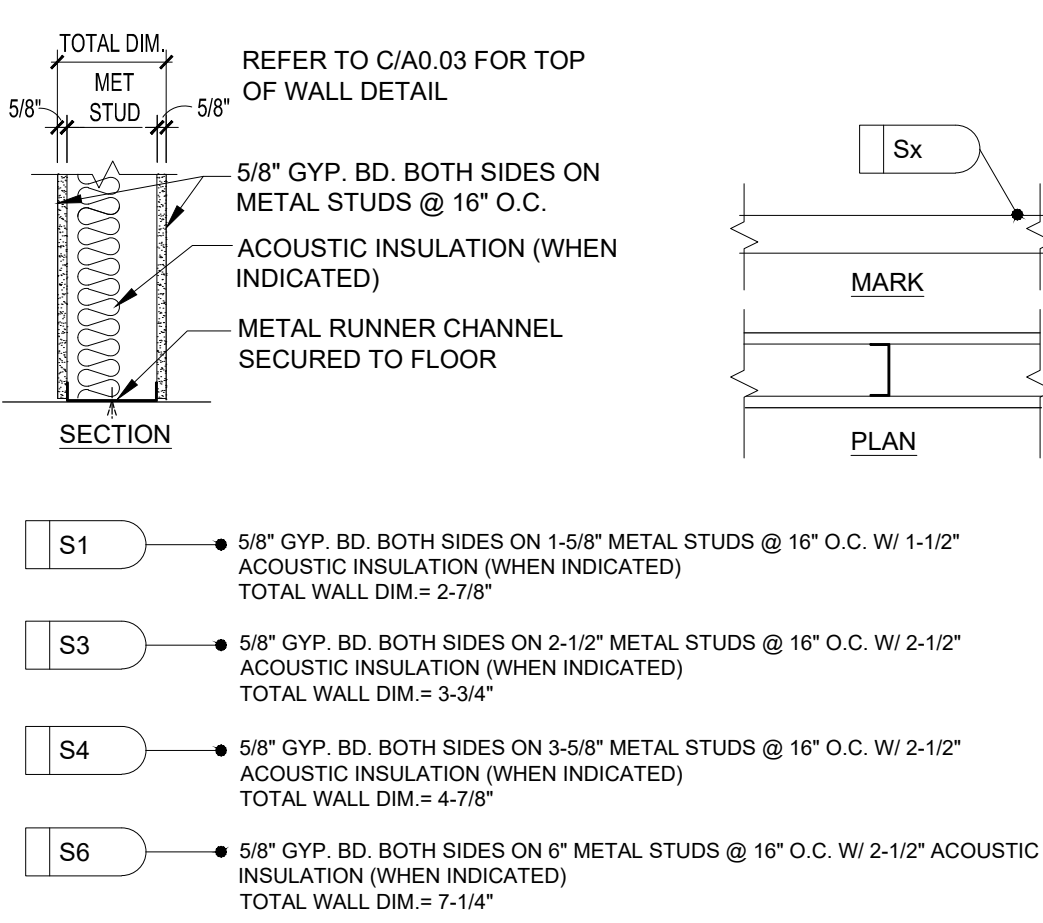
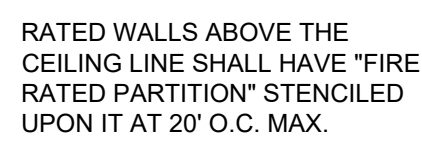
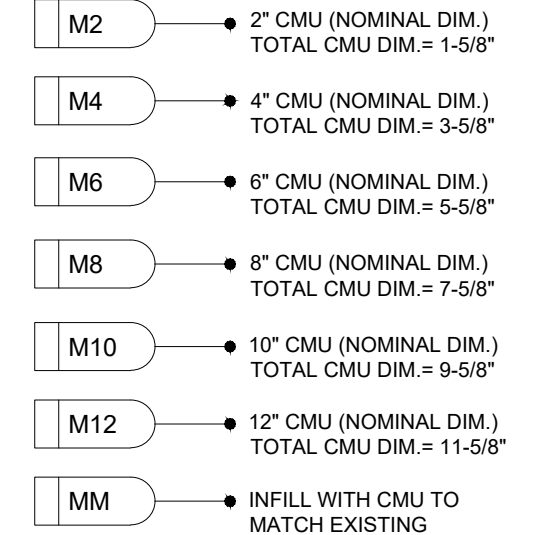
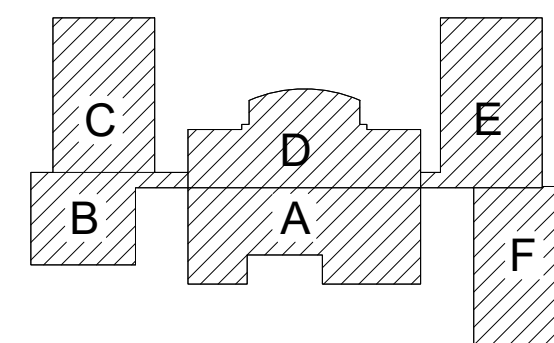
ALTERATION DESCRIPTION:

- INSTALLATION OF NEW OR REPLACEMENT HYDRATION STATIONS WITH DRINKING FOUNTAINS



CODE PLAN

SCALE: N.T.S



ISSUE DATE	ISSUED FOR
08/08/2025	BIDS
DRAWN	FA
CHECKED	FA
APPROVED	FA



FRENCH

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GENERAL NOTES

1. NOT ALL DETAILS ON THIS SHEET WILL BE USED ON THIS PROJECT. DETAILS ARE TYPICAL AND SHALL APPLY WHEN CONSTRUCTION CONDITION EXISTS.
2. REFER TO STANDARD CONSTRUCTION DETAILS, SHEET A-003 FOR TYPICAL INTERIOR PARTITION CONSTRUCTION INFORMATION AND RATED TOP OF WALL CONSTRUCTION. REFER TO DETAIL PLANS AND PLAN DETAILS FOR SPECIAL PARTITION CONSTRUCTION INFORMATION.
3. REFER TO DETAILS AND ROOM FINISH SCHEDULE FOR ADDITIONAL INFORMATION REGARDING PARTITION CONSTRUCTION AND WALL FINISH INFORMATION.
4. REFER TO CODE PLANS ON SHEET A-002 FOR LOCATIONS OF ALL FIRE RATED WALL ASSEMBLIES
5. REFER TO REFLECTED CEILING PLAN FOR LOCATION OF ACOUSTIC INSULATION ABOVE CEILING.
6. RATED WALLS ABOVE THE CEILING LINE SHALL HAVE "FIRE RATED PARTITION" STENCILED UPON IT AT 20" O.C. MAX.

WALL TYPE LEGEND

C -	METAL STUD (CHASE WALL)
H -	METAL STUD (SHAFT STUD)
M -	MASONRY (CMU)
S -	METAL STUD

| INTERIOR PARTITION TYPE CODE

X-X — INTERIOR WALL PARTITION CONSTRUCTION THAT EXTENDS TO U/S OF ROOF DECK PER WALL SECTIONS.

X-X — INTERIOR WALL PARTITION CONSTRUCTION THAT DOES NOT EXTEND TO DECK.

GENERAL NOTE:

A. PROVIDE / INSTALL SEALANT UNDER PARTITION FLOOR TRACK ALONG BOTH EDGES WHEN ACOUSTIC INSULATION IS INDICATED AND AT ALL FIRE-RATED PARTITIONS.

B. ACOUSTIC INSULATION IS TO HAVE A MIN. STC RATING OF 50.

PROJECT

Livonia Public Schools
Hydration Stations
Coolidge Elementary

LIVONIA,
MICHIGAN

1 SHEET

Partition Legend and Details

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A0.03

10.1	REMOVE EXISTING WALL MOUNTED ITEMS SUCH AS CHALK BOARDS/TACK BOARDS/MARKER BOARDS PLAQUES, ETC.
10.2	REMOVE EXISTING FOLDING PARTITION PANELS, SLIDING TRACK, HANGERS, ETC.
10.3	REMOVE EXISTING TOILET ACCESSORIES INCLUDING PAPER TOWEL DISPENSER, SOAP DISPENSER, MIRROR, ETC.
10.4	REMOVE EXISTING TOILET PARTITIONS AND ATTACHED ACCESSORIES.
10.5	REMOVE EXISTING LOCKERS AND BASE.
10.5A	REMOVE EXISTING LOCKERS ONLY. EXISTING BASE TO REMAIN.
11.1	REMOVE EXISTING GYMNASIUM EQUIPMENT INCLUDING BASKETBALL HOOPS, BACKBOARDS, PEG BOARDS, ETC.
11.2	REMOVE EXISTING WALL PADS AND RELATED MOUNTING ACCESSORIES.
11.3	REMOVE EXISTING SCOREBOARD. COORDINATE WITH ELECTRICAL DRAWINGS.
11.3	REMOVE EXISTING RECESSED TABLES, MOUNTING ACCESSORIES AND METAL TRIM ASSOCIATED.

- | | |
|------|--|
| 12.1 | REMOVE EXISTING CASEWORK IN ITS ENTIRETY. COORDINATE WITH ALL THE OTHER TRADES. |
| 12.2 | REMOVE EXISTING COAT/STORAGE CUBBY INCLUDING HOOKS, SHELF, MOUNTING BRACKETS, ETC. |
| 12.4 | REMOVE EXISTING MILLWORK IN ITS ENTIRETY. COORDINATE WITH ALL THE OTHER TRADES. |
| 12.5 | REMOVE EXISTING WINDOW TREATMENTS INCLUDING MOUNTING BRACKETS. |

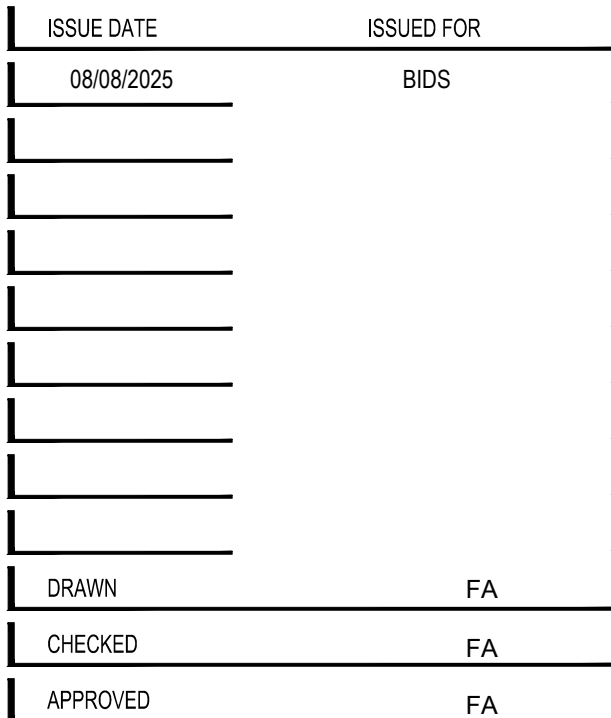
- | | |
|-------------|---|
| 22.1 | REMOVE EXISTING PLUMBING FIXTURES PER MECHANICAL DRAWINGS. |
| 22.1A | REMOVE, SALVAGE AND REINSTALL EXISTING PLUMBING FIXTURES PER MECHANICAL DRAWINGS. |
| 22.2 | REMOVE EXISTING DRINKING FOUNTAIN/EWC PER MECHANICAL DRAWINGS. |
| 23.1 | REMOVE EXISTING HORIZONTAL UNIT VENTILATOR, INCLUDING SHROUD WHERE PRESENT. COORDINATE WITH MECHANICAL FOR EXTENT OF PIPING REMOVAL. |
| 23.2 | REMOVE EXISTING FIN TUBE/CONVECTOR COVER. COORDINATE WITH MECHANICAL FOR EXTENT OF PIPING REMOVAL. |
| 23.3 | REMOVE EXISTING EXTERIOR MECHANICAL LOUVER PER MECHANICAL DRAWINGS. |
| 23.3A | REMOVE, SALVAGE AND REINSTALL EXTERIOR MECHANICAL LOUVER. |
| 23.4 | REMOVE EXISTING CEILING MOUNTED UNIT HEATER. COORDINATE WITH MECHANICAL AND ELECTRICAL. |
| 23.5 | REMOVE EXISTING WALL MOUNTED UNIT HEATER. PATCH AND REPAIR WALL BY INFILL THE OPENING WITH INSULATION AND PROVIDE COVER ENCLOSURE. COORDINATE WITH MECHANICAL AND ELECTRICAL. |
| 26.1 | REMOVE EXISTING LIGHT FIXTURES PER ELECTRICAL DRAWINGS. |
| 26.2 | REMOVE EXISTING TV MONITORS INCLUDING SUPPORT BRACKETS. COORDINATE WITH ELECTRICAL AND TECHNOLOGY. |
| 32.1 | REMOVE EXISTING PLANTS, TREES AND PAVEMENT FROM EXISTING COURTYARD AND PREPARE FOR NEW CONCRETE SLAB ON GRADE. REMOVE AND EXISTING STORM DRAINS AND PREPARE EXISTING STORM DRAIN LINES FOR CONNECTION OF NEW. |

1. REFER TO PROJECT SPECIFICATION MANUAL FOR DEMOLITION CRITERIA BEFORE REMOVING ANY ITEMS.
2. REMOVE AND REPLACE EXISTING CONSTRUCTION AS REQUIRED FOR THE EXECUTION OF NEW WORK.
3. PROTECT EXISTING CONSTRUCTION TO REMAIN AS REQUIRED DURING DEMOLITION.
4. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL DEMOLITION REQUIREMENTS AND FOR COORDINATION OF WORK.
5. DISCONNECT ALL MISCELLANEOUS FEATURES (I.E. ELECTRICAL, MECHANICAL, PLUMBING, ETC.) ASSOCIATED WITH ITEMS TO BE DEMOLISHED (I.E. PARTITIONS, WALLS, CEILINGS, CABINETS ETC.).
6. REMOVAL OF ANY MECHANICAL, ELECTRICAL AND MISCELLANEOUS ITEMS WILL REQUIRE PATCH AND REPAIR OF ADJACENT MATERIALS TO REMAIN.
7. REMOVE EXISTING UNUSED NAILS, SCREWS AND OTHER WALL PROTRUSIONS FROM EXISTING SURFACES TO REMAIN. PATCH AND REPAIR TO MATCH EXISTING ADJACENT SURFACES AS REQUIRED TO RECEIVE NEW FINISHES.
8. PATCH AND REPAIR ALL SURFACES TO REMAIN TO MATCH EXISTING ADJACENT SURFACES AS REQUIRED TO RECEIVE NEW FINISHES - SEE ROOM FINISH SCHEDULE.
9. CONTRACTOR SHALL PLACE ANY ITEMS OR MATERIALS TO BE RETAINED AS DIRECTED BY OWNER.

NOTES BELOW ARE INDICATED ON THE DRAWING BY THIS SYMBOL:

- | | |
|------|---|
| | REMOVE EXISTING SUPPORTED CONCRETE SLAB. COORDINATE EXTENT OF DEMOLITION WITH CIVIL. |
| 3.2 | REMOVE EXISTING CONCRETE SIDEWALK. |
| 3.3 | SAW CUT EXISTING CONCRETE SLAB AS REQUIRED FOR UNDERGROUND PIPING. |
| 3.4 | REMOVE EXISTING RAISED CONCRETE PAD |
| 3.5 | REMOVE EXISTING CONCRETE STAIR |
| 3.6 | REMOVE PORTION OF EXISTING CONCRETE SLAB TO CREATE A FLOOR TRENCH AS REQUIRED FOR NEW PIPING. COORDINATE THE EXTENT OF DEMOLITION WITH MECHANICAL IN FIELD. REFER TO MECHANICAL. |
| 4.1 | REMOVE PORTION OF EXISTING EXTERIOR BRICK/MASONRY WALL AS REQUIRED BY NEW CONSTRUCTION. |
| 4.1A | REMOVE PORTION OF EXISTING EXTERIOR BRICK/MASONRY WALL FOR INSTALLATION OF NEW OPENING. |
| 4.2 | REMOVE PORTION OF EXISTING INTERIOR MASONRY WALL AS REQUIRED BY NEW CONSTRUCTION. REMOVE TO 8" BELOW TOP OF FLOOR SLAB. |
| 4.2A | REMOVE PORTION OF EXISTING INTERIOR MASONRY WALL FOR INSTALLATION OF NEW OPENING. |
| 4.3 | COURSE OUT PORTION OF CMU WALL FOR INSTALLATION OF NEW PLUMBING FIXTURES. PATCH AND REPAIR ALL SURFACES TO RECEIVE NEW FINISHES. |
| 5.1 | REMOVE EXISTING STRUCTURAL STEEL, JOISTS, DECK, ETC. AS REQUIRED BY NEW CONSTRUCTION. |
| 5.2 | REMOVE EXISTING METAL STAIRS IN ITS ENTIRETY. |
| 6.1 | REMOVE EXISTING STUD/GYP PARTITION AS REQUIRED FOR NEW CONSTRUCTION. |
| 6.1A | REMOVE PORTION OF EXISTING STUD/GYP PARTITION FOR INSTALLATION NEW DOOR/WINDOW FRAME. |
| 7.1 | REMOVE EXISTING ROOFING AS REQUIRED BY NEW CONSTRUCTION. |
| 7.1A | REMOVE EXISTING ROOFING AS REQUIRED FOR INSTALLATION OF NEW MECHANICAL EQUIPMENT. COORDINATE WITH MECHANICAL DRAWINGS. |
| 8.1 | REMOVE EXISTING DOOR AND FRAME IN ITS ENTIRETY |
| 8.1A | REMOVE EXISTING DOOR AND FRAME FOR INSTALLATION OF NEW REPLACEMENT DOOR AND FRAME |
| 8.1B | REMOVE EXISTING DOOR ONLY. EXISTING FRAME TO REMAIN. |
| 8.2 | REMOVE EXISTING WINDOW/GLAZING UNIT IN ITS ENTIRETY |
| 8.2A | REMOVE EXISTING WINDOW/GLAZING UNIT FOR INSTALLATION OF NEW REPLACEMENT WINDOW. |
| 8.2B | REMOVE EXISTING GLAZING ONLY. EXISTING FRAME TO REMAIN. |
| 8.3 | REMOVE EXISTING OVERHEAD COILING COUNTER/DOOR IN ITS ENTIRETY. |

- | | |
|------|--|
| 9.1 | REMOVE EXISTING CARPET AND BASE. |
| 9.1A | REMOVE EXISTING CARPET. EXISTING GLAZED MASONRY BASE TO REMAIN. |
| 9.2 | REMOVE EXISTING VCT AND BASE. |
| 9.2A | REMOVE EXISTING VCT. EXISTING GLAZED MASONRY BASE TO REMAIN. |
| 9.3 | REMOVE EXISTING CERAMIC/PORCELAIN TILE AND BASE. |
| 9.3A | REMOVE EXISTING CERAMIC/PORCELAIN TILE FLOOR ONLY. EXISTING TILE BASE TO REMAIN. |
| 9.4 | REMOVE EXISTING RUBBER/SPORTS FLOORING. |
| 9.5 | REMOVE EXISTING FLOORING BY OTHERS. |
| 9.6 | REMOVE EXISTING SUSPENDED CEILING SYSTEM IN ITS ENTIRETY, INCLUDING PADS, GRID, SUSPENSION WIRE, ETC. |
| 9.6A | REMOVE EXISTING ACOUSTIC CEILING TILES ONLY. EXISTING GRID, SUSPENSION WIRE TO REMAIN |
| 9.7 | REMOVE EXISTING GYPSUM/PLASTER CEILING SYSTEM IN ITS ENTIRETY, INCLUDING SUSPENSION WIRE, FRIEZE, ETC. |
| 9.7A | REMOVE PORTION OF EXISTING GYPSUM/PLASTER CEILING SYSTEM TO NEAREST JOINT LINE. |
| 9.8 | REMOVE EXISTING CONCEALED SPLINE CEILING SYSTEM. |



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LIVONIA,
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SHEET

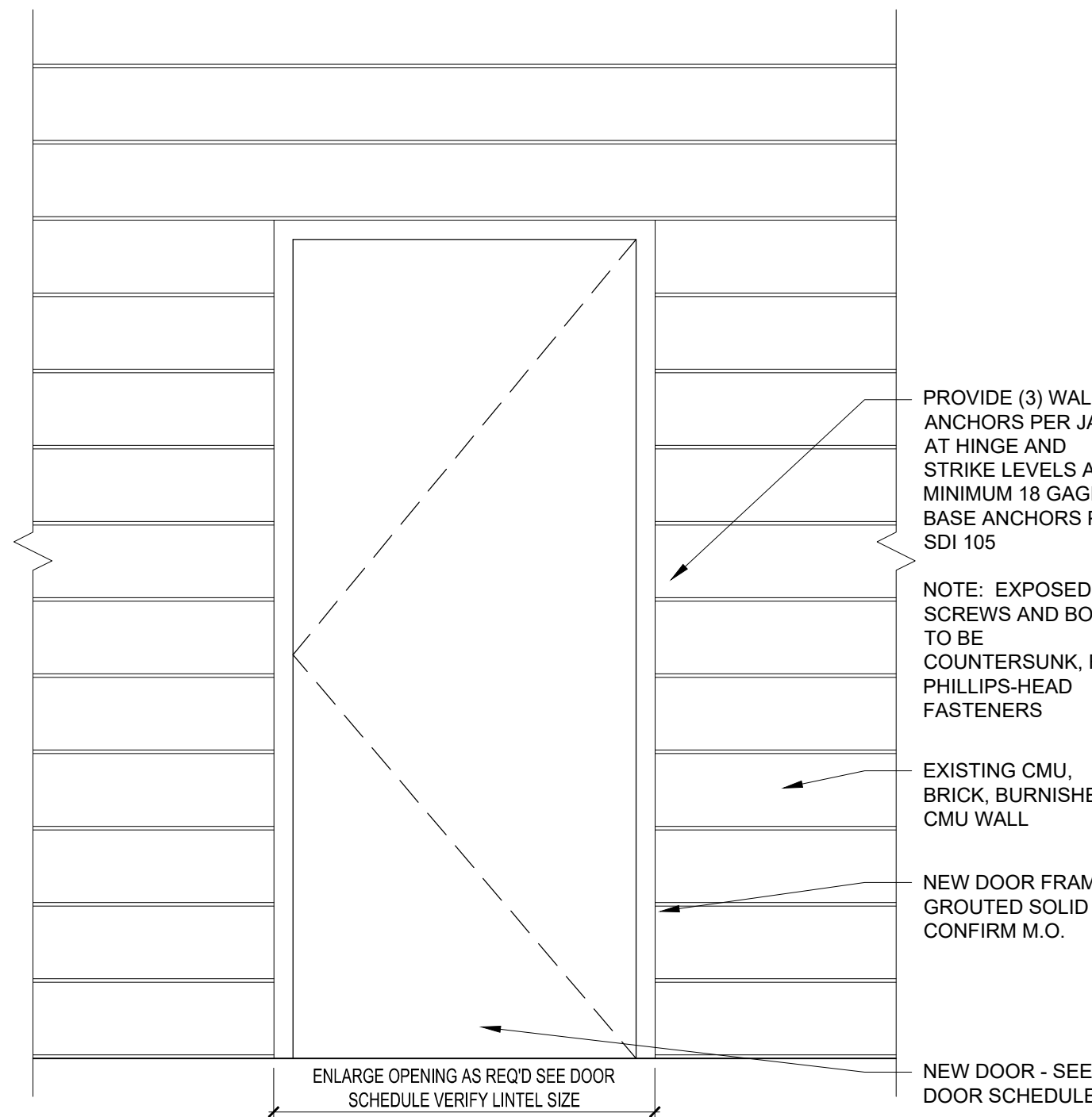
General Demolition Notes and Details

PROJECT NUMBER

2025-040

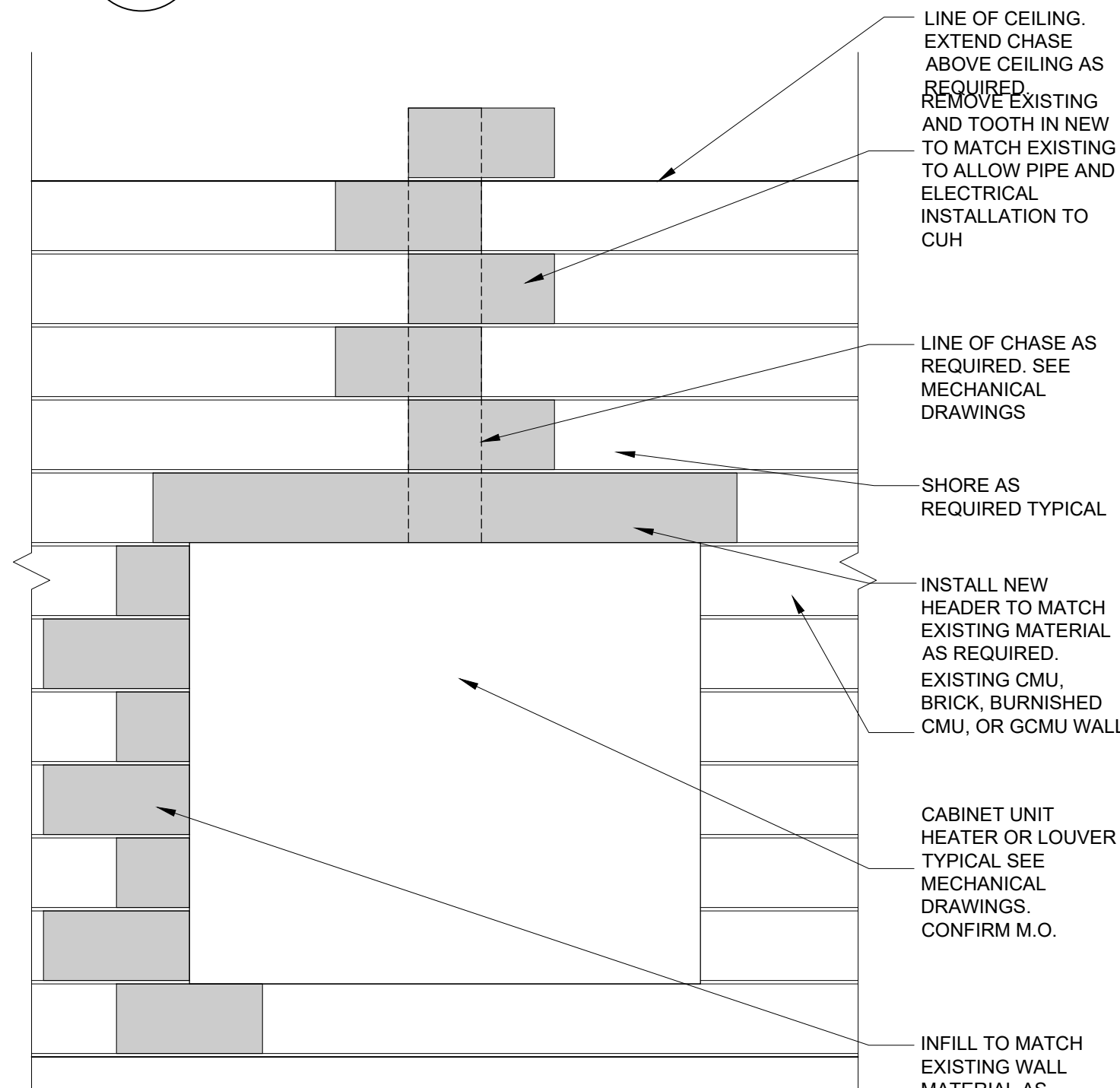
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AD2.00

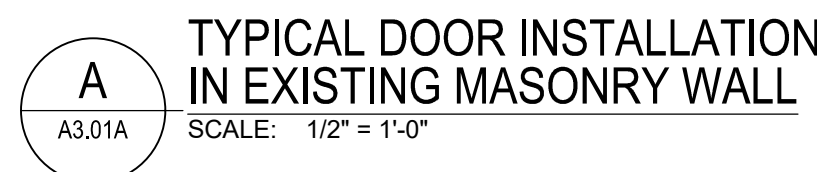


**TYPICAL ELECTRICAL DEVICE
INSTALLATION IN EXISTING WALL**

SCALE: 1/2" = 1'-0"

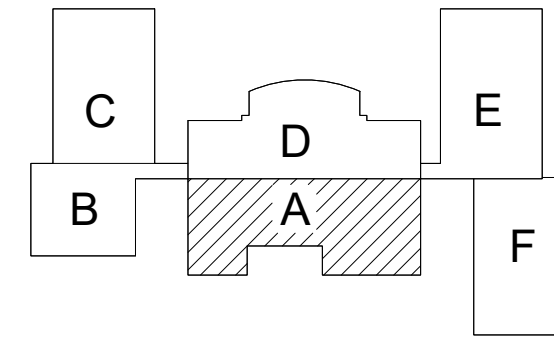


**TYPICAL PLUMBING FIXTURE
INSTALLATION IN EXISTING WALL**



1. REFER TO SHEET AD2.00 FOR DEMOLITION GENERAL NOTES AND KEY NOTES.

2. - - - - DASHED LINES REPRESENTS DEMOLITION



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CHECKED	AMN
APPROVED	DCJ



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MICHIGAN

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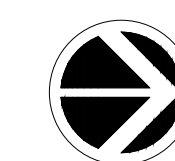
Unit A
Demolition
Floor Plan

PROJECT NUMBER

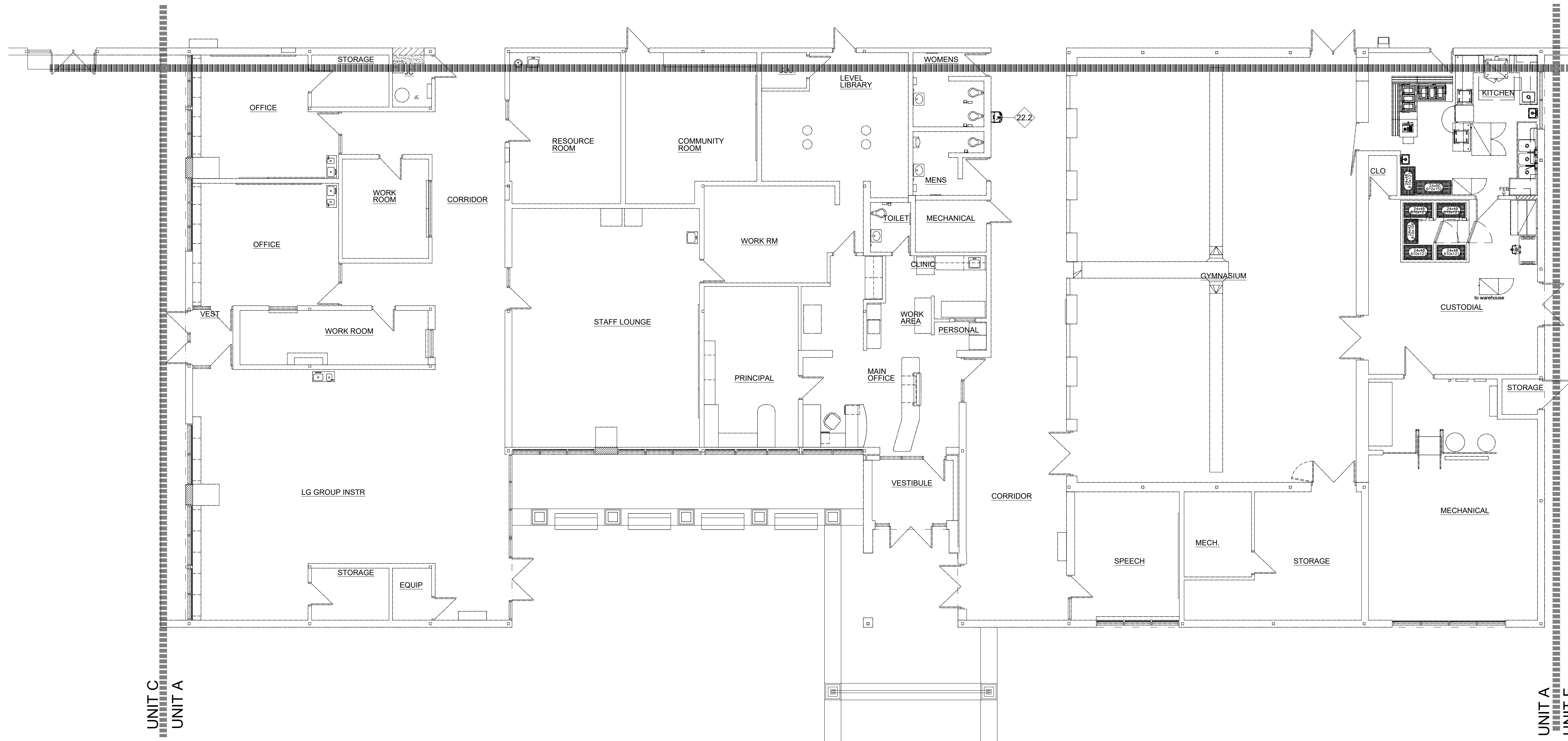
2025-040

SHEET NUMBER

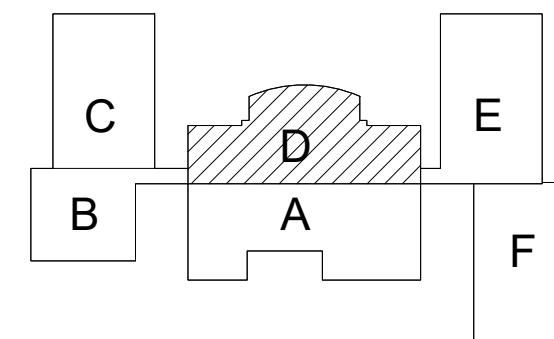
AD2.10A



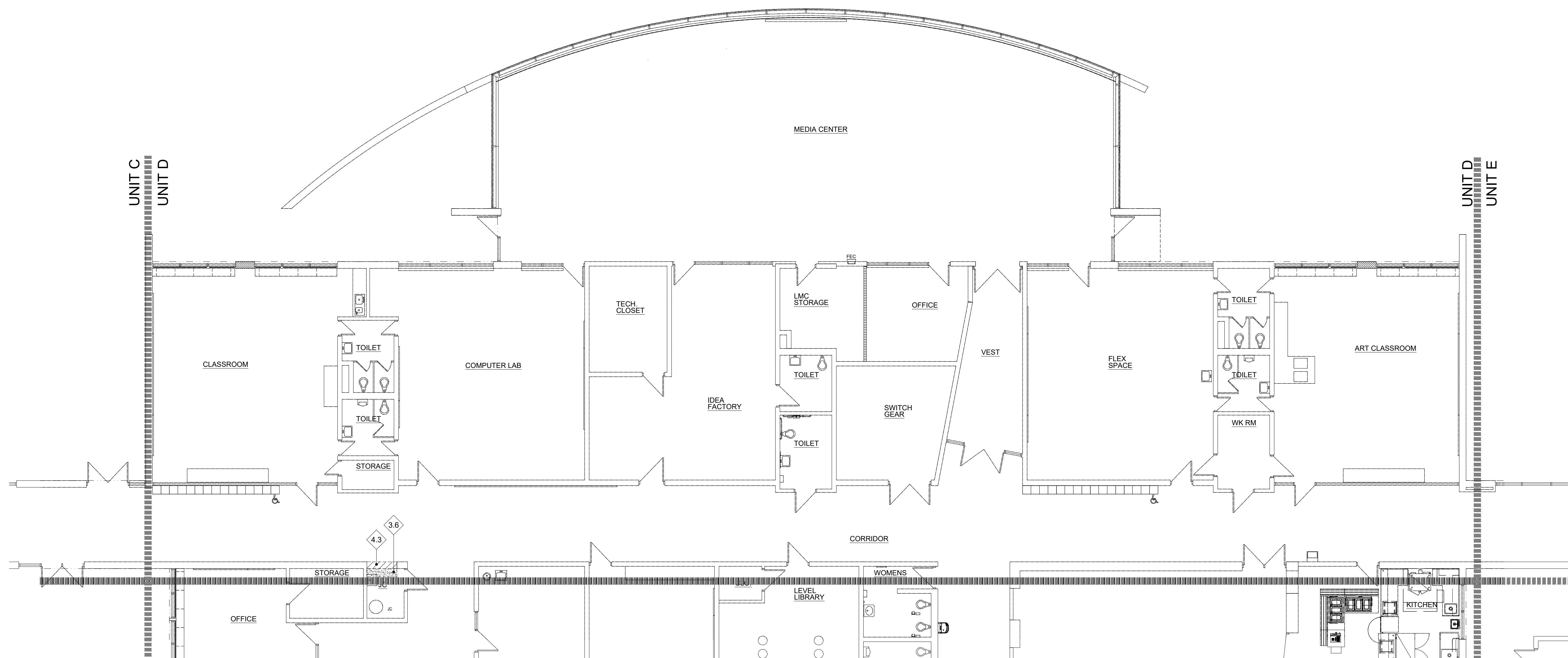
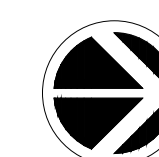
UNIT A
DEMOLITION FLOOR PLAN
SCALE: 1/8" = 1'-0"



1. REFER TO SHEET AD2.00 FOR DEMOLITION GENERAL NOTES AND KEY NOTES.
2. ----- DASHED LINES REPRESENTS DEMOLITION



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UNIT D
DEMOLITION FLOOR PLAN
SCALE: 1/8" = 1'-0"



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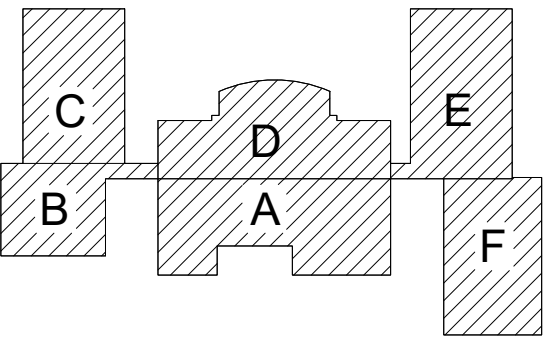
Unit D
Demolition
Floor Plan

PROJECT NUMBER

2025-040

SHEET NUMBER

AD2.10D



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PROJECT

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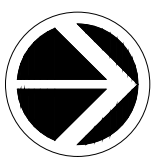
Composite Floor Plan

PROJECT NUMBER

2025-040

SHEET NUMBER

A2.01

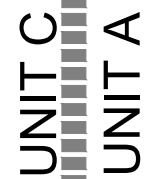


COMPOSITE FLOOR PLAN

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

 EXTERIOR WALLS TO BE 4" NOMINAL BRICK ON CONCRETE BLOCK WALL WITH 3" RIGID CAVITY INSULATION
 C.M.U. PARTITION AS DIMENSIONED
 5/8" HIGH IMPACT GYPSUM BOARD EACH SIDE OF 3 5/8" METAL STUD AT 16" O.C. (WALL THICKNESS = 4 7/8" - NOMINAL 5")
 INDICATES BATT SOUND ATTENUATION INSULATION
 ALL INTERIOR WALLS TO EXTEND TO DECK UNLESS OTHERWISE INDICATED.

1. ALL INTERIOR PARTITIONS SHALL EXTEND UP TO UNDERSIDE OF ROOF DECK UNLESS OTHERWISE INDICATED.
2. PATCH ALL HOLES FROM REMOVED ITEMS SUCH AS, BUT NOT LIMITED TO THERMOSTATS, NAIL HOLES, WALL MOUNTED CASEWORK, ETC.
3. INFILL EXISTING EXTERIOR LOUVERS OPENINGS WITH NEW BRICK TO MATCH EXISTING. TOOTH-IN TO MATCH COURSING - TYPICAL.
4. COORDINATE EXACT LOCATION FOR NEW CASEWORK IN FIELD.
5. NEW WORK TO BE PERFORMED ABOVE CEILING. REMOVE EXISTING CEILING TILES AS REQUIRED TO ACCESS. REINSTALL ALL REMOVE TILES UPON COMPLETION OF WORK. REFER TO MECHANICAL FOR LOCATIONS.



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Livonia Public Schools
Hydration Stations
Coolidge Elementary

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Unit A
Floor Plan

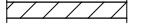
2025-040

A2.10A



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

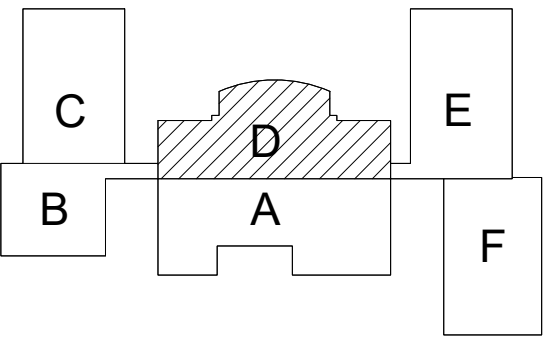
FLOOR PLAN LEGEND

	EXTERIOR WALLS TO BE 4" NOMINAL BRICK ON CONCRETE BLOCK WALL WITH 3" RIGID CAVITY INSULATION
	C.M.U. PARTITION AS DIMENSIONED
	5/8" HIGH IMPACT GYPSUM BOARD EACH SIDE OF 3 5/8" METAL STUD AT 16" O.C. (WALL THICKNESS = 4 7/8" - NOMINAL 5")
	INDICATES BATT SOUND ATTENUATION INSULATION
ALL INTERIOR WALLS TO EXTEND TO DECK UNLESS OTHERWISE INDICATED.	

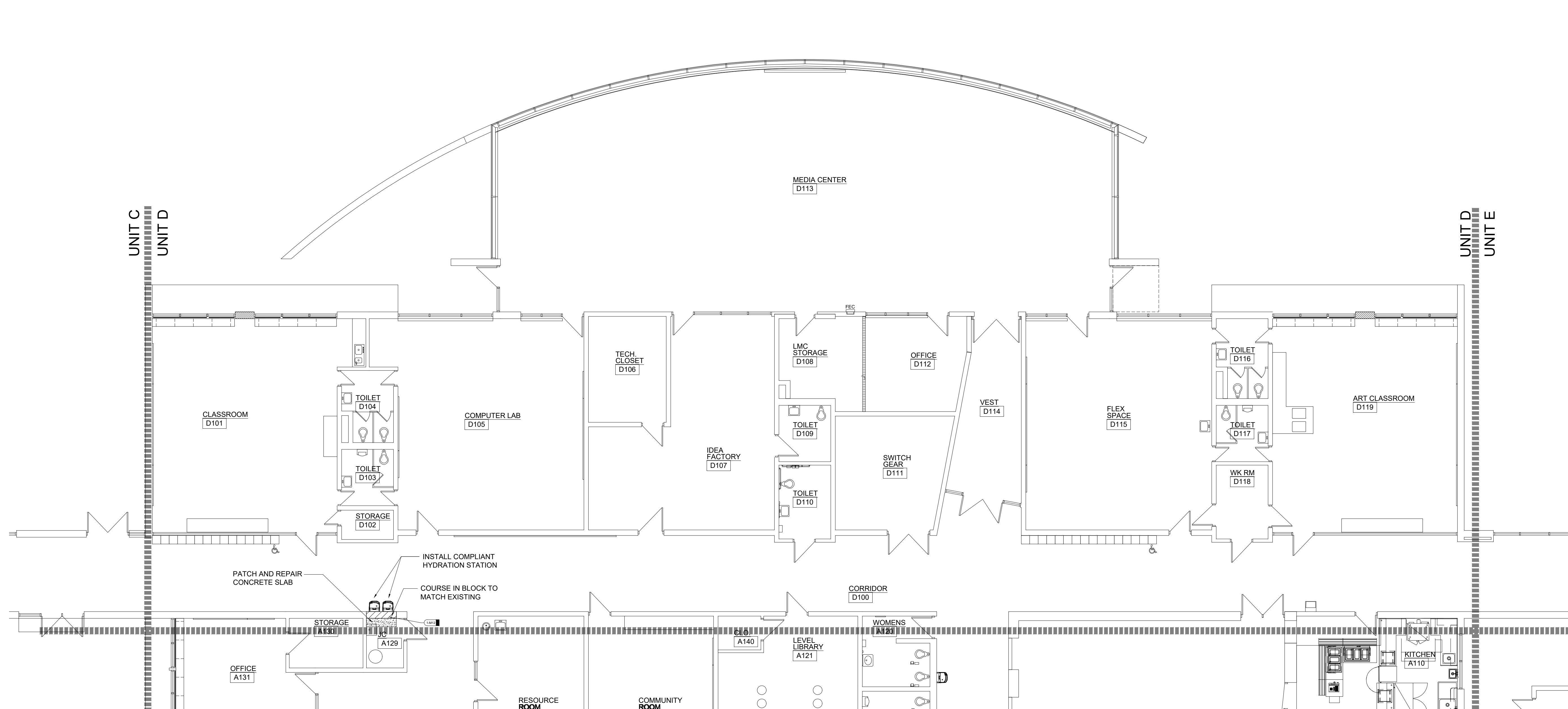
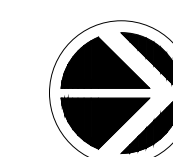
FLOOR PLAN NOTES

1. ALL INTERIOR PARTITIONS SHALL EXTEND UP TO UNDERSIDE OF ROOF DECK UNLESS OTHERWISE INDICATED.
2. PATCH ALL HOLES FROM REMOVED ITEMS SUCH AS, BUT NOT LIMITED TO THERMOSTATS, NAIL HOLES, WALL MOUNTED CASEWORK, ETC.
3. INFILL EXISTING EXTERIOR LOUVERS OPENINGS WITH NEW BRICK TO MATCH EXISTING. TOOTH-IN TO MATCH COURSING - TYPICAL.
4. COORDINATE EXACT LOCATION FOR NEW CASEWORK IN FIELD.
5. NEW WORK TO BE PERFORMED ABOVE CEILING. REMOVE EXISTING CEILING TILES AS REQUIRED TO ACCESS. REINSTALL ALL REMOVE TILES UPON COMPLETION OF WORK. REFER TO MECHANICAL FOR LOCATIONS.

KEY PLAN



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UNIT D FLOOR PLAN
SCALE: 1/8" = 1'-0"



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PROJECT

Livonia Public Schools Hydration Stations Coolidge Elementary

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SHEET

Unit D
Floor Plan

PROJECT NUMBER

2025-040

SHEET NUMBER

A2.10D

MATERIAL AND COLOR SCHEDULE

	KEY	MANUFACTURER	STYLE	COLOR	DESCRIPTION	INSTALLATION / LOCATION NOTES
CEILING	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
WALL BASE	B1	JOHNSONITE	RUBBER WALL BASE	MATCH EXISTING	MATCH EXISTING	-
	-	-	-	-	-	-
	-	-	-	-	-	-
FLOORING	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
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	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
WALL TILE	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
PAINT	P1SG-A	SHERWIN WILLIAMS	MATCH EXISTING SHEEN	MATCH EXISTING	SINGLE COMPONENT EPOXY	MATCH EXISTING
	P1SG-B	SHERWIN WILLIAMS	MATCH EXISTING SHEEN	MATCH EXISTING	SINGLE COMPONENT EPOXY	MATCH EXISTING WALL STRIPE
	-	-	-	-	-	-
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	-	-	-	-	-	-
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	-	-	-	-	-	-
MILLWORK	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
MISCELLANEOUS	-	-	-	-	-	-
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	-	-	-	-	-	-
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	-	-	-	-	-	-

ROOM FINISH SCHEDULE

	RM. NO.	ROOM NAME	FLOOR		BASE		WALLS								DOOR FRAME	CEILING			MILLWORK/ CASEWORK			REMARKS
			MAT.	FINISH	MAT.	FINISH	WEST		NORTH		EAST		SOUTH			MAT.	FINISH	HGT.	M/C	FINISH		
							MAT.	FINISH	MAT.	FINISH	MAT.	FINISH	MAT.	FINISH						MAT.	FINISH	
UNIT A	A100	CORRIDOR	-	-	EXR8	EXB1	EX/CMU	EX/ P1SG-A, P1SG-B	-	-	-	-	-	-	-	-	-	-	-	-	12	

ROOM FINISH SCHEDULE

	RM. NO.	ROOM NAME	FLOOR		BASE		WALLS								DOOR FRAME	CEILING			MILLWORK/ CASEWORK			REMARKS
			MAT.	FINISH	MAT.	FINISH	WEST		NORTH		EAST		SOUTH			MAT.	FINISH	HGT.	M/C	FINISH		
							MAT.	FINISH	MAT.	FINISH	MAT.	FINISH	MAT.	FINISH						MAT.	FINISH	
UNIT D	D100	CORRIDOR	-	-	EX/RB	EX/B1	-	-	-	-	-	-	-	EX/CMU	EX/ P1SG-A, P1SG-B	-	-	-	-	-	-	12

ROOM FINISH SCHEDULE ABBREVIATIONS

ACT	ACOUSTICAL CEILING TILE	EXIST	EXISTING	PLAM	PLASTIC LAMINATE	SS	STAINLESS STEEL
ANOD	ANODIZED	EXPO	EXPOSED	PLAS	VENEER PLASTER	SSM	SOLID SURFACE MATERIAL
B CMU	BURNISHED CMU	GL	GLASS	PT	PORCELAIN TILE	SP CMU	SPLIT FACE CMU
BRICK	BRICK	GCMU	GLAZED CMU	PTD	PAINTED	SPI	SPORTS IMPACT
CMU	CONCRETE MASONRY UNIT	GYP	GYP SUM BOARD	QT	QUARRY TILE	SV	SHEET VINYL
CONC	CONCRETE	LMC	LINEAR METAL CEILING	RBF	RUBBER TILE	TER	TERRAZZO
CPL	CEMENT PLASTER	MP	METAL PANEL	RB	RESILIENT WALL BASE	VCT	VINYL COMPOSITION TILE
CPT	CARPET	NSF	NON-SLIP FINISH	SAAC	SPRAY-APPLIED ACOUSTICAL COATING	WP	WATERPROOF
CT	CERAMIC TILE	PART'N	MOVEABLE PARTITION	SEAL	CONCRETE SEALER	MA EX	MATCH EXISTING

ROOM FINISH SCHEDULE GENERAL NOTES

- A. PAINTING OF EXISTING WALLS - REMOVE ALL EXISTING CLOCKS, SPEAKERS, SWITCH PLATE COVERS, OUTLET COVERS, THERMOSTATS, DIFFUSERS, GRILLES, REGISTERS, BLINDS, SHADES, EQUIPMENT, MARKERBOARDS, TACKBOARDS, ARTWORK AND OTHER MATERIALS PRIOR TO PAINTING AND RE-INSTALL IN THE SAME LOCATION AFTER PAINTING IS COMPLETE. PAINT ANY ITEMS THAT ARE CURRENTLY THE SAME COLOR AS THE EXISTING WALL. PAINT EXISTING CONDUIT TO MATCH THE WALL. PROTECT EXISTING FIRE ALARM DEVICES TO REMAIN IN PLACE.
- B. SEE THE A7 & A8 SERIES SHEETS FOR PAINT DESIGNATIONS.
- C. SEE THE A8 SERIES SHEETS FOR FLOOR PATTERNS.
- D. PROVIDE RADIUS EDGE AT COUNTERTOPS.
- E. DO NOT PAINT OVER EXISTING MURALS, LETTERS, QUOTES, ETC. UNLESS NOTED OTHERWISE AND DIRECTED BY OWNER
- F. DO NOT PAINT OVER ANY EXISTING EXPOSED BRICK
- H. PROVIDE METAL SCHLUTER STRIP AT BOTTOM OF NEW WALL TILE AND OUTSIDE WALL CORNERS - TYP.

ROOM FINISH SCHEDULE REMARKS

1. PATCH AND REPAIR WALL AND WALL BASE AS REQUIRED FOR NEW WORK.
2. PAINT WALL TO MATCH EXISTING. MATCH EXISTING WALL STRIPE.



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LIVONIA,
MICHIGAN

SHEET

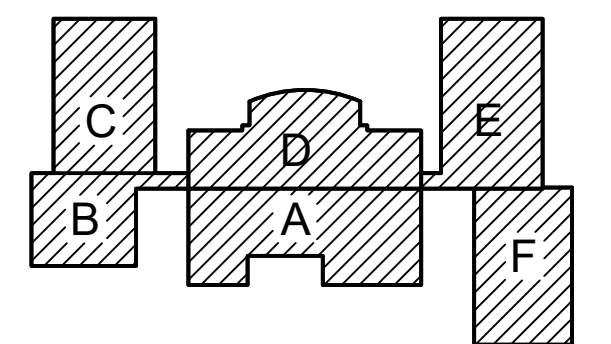
ROOM FINISH
SCHEDULE

PROJECT NUMBER

2025-040

SHEET NUMBER

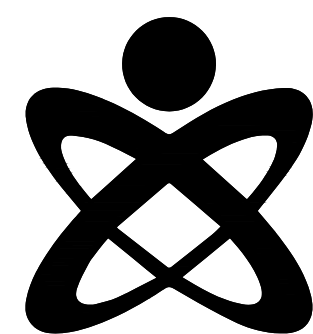
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PROJECT

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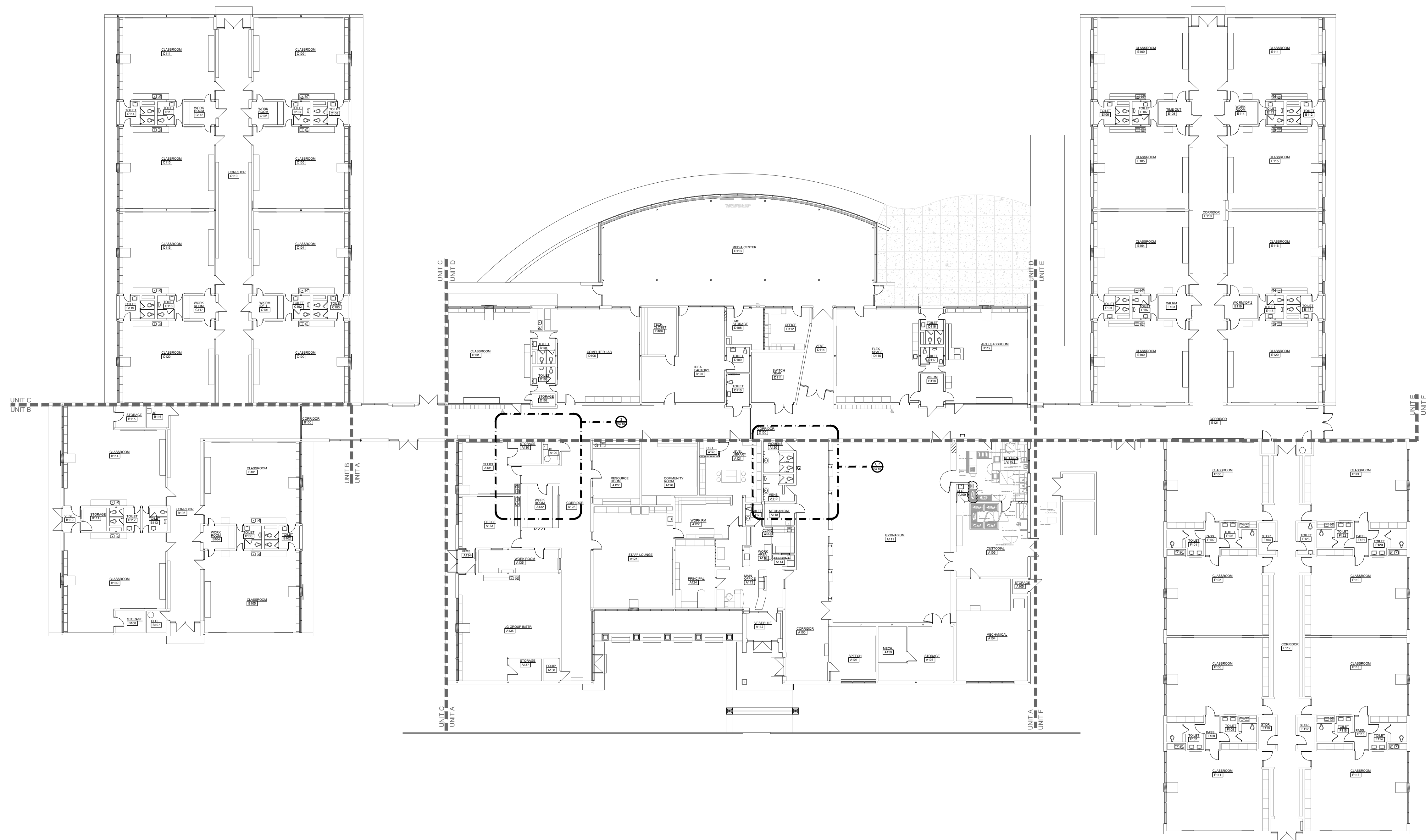
COMPOSITE PLUMBING FLOOR PLAN

PROJECT NUMBER

2025-040

SHEET NUMBER

P1.00



COMPOSITE PLUMBING FLOOR PLAN
SCALE: N.T.S.

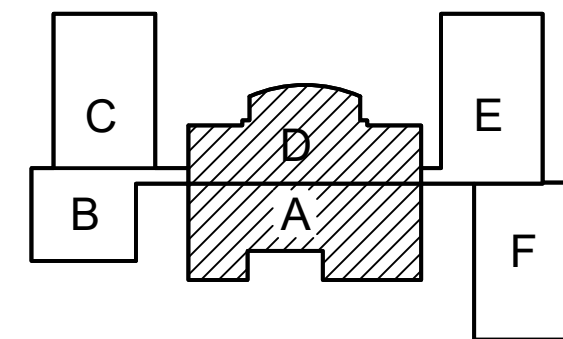
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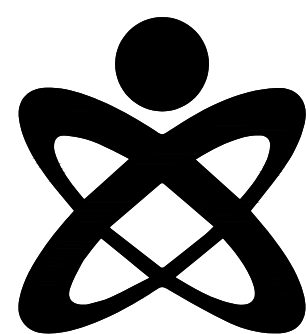
- ## KEY PLAN



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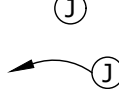
ENLARGED PLUMBING DEMOLITION AND NEW WORK PLANS

PROJECT NUMBER

2025-040

SHEET NUMBER

P4.10

POWER SYMBOL LIST		ELECTICAL ABBREVIATIONS	
SYMBOL	DESCRIPTION	ABBREV.	DESCRIPTION
●	CONDUIT DOWN	AFF	ABOVE FINISHED FLOOR
○	CONDUIT UP	A	AMPERE
	CONTACTOR	AF	AMPERE FUSE/AMPERE FRAME
	DISCONNECT SWITCH - NON FUSED	AWG	AMERICAN WIRE GAUGE
	DISCONNECT SWITCH - FUSED	AT	AMPERE TRIP
	DISCONNECT SWITCH - COMB. MOTOR STARTER	ATS	AUTOMATIC TRANSFER SWITCH
	ELECTRICAL PANEL - 208/240 VOLTS	AIC	AVAILABLE INTERRUPTING CURRENT (AMPS)
	ELECTRICAL PANEL - 480 VOLTS	C	CONDUIT OR CEILING MOUNTED
	GROUNDING ROD	CB	CIRCUIT BREAKER
	GROUND	CU	COPPER
	GROUNDING BAR	CT	CURRENT TRANSFORMER
	JUNCTION BOX	DIA	DIAMETER
	JUNCTION BOX WITH HARDWIRED CONNECTION	DISC	DISCONNECT
	METER	EMT	ELECTRICAL METALLIC TUBING
	MOTOR - SINGLE PHASE	EWC	ELECTRIC WATER COOLER
	MOTOR - THREE PHASE	EPO	EMERGENCY POWER OFF
	MOTOR RATED SWITCH	(E)	EXISTING ELECTRICAL EQUIPMENT OR WORK
	POWER RECEPTACLE - SIMPLEX TYPE	FA	FIRE ALARM
	POWER RECEPTACLE - DUPLEX TYPE	FACP	FIRE ALARM CONTROL PANEL
	POWER RECEPTACLE - DUPLEX 6" ABOVE COUNTER	FLA	FULL LOAD AMPS
	POWER RECEPTACLE - USB/DUPLEX COMBO. DEVICE	F	FUSE
	POWER RECEPTACLE - QUADRUPLEX TYPE	G/GRD	GROUND
	POWER RECEPTACLE - RECESSED FLOOR TYPE	GFCI/GFI	GROUND FAULT CIRCUIT INTERRUPTER
	POWER RECEPTACLE - SPECIALTY TYPE	HOA	HAND-OFF-AUTO
	SURGE PROTECTION DEVICE	HP	HORSEPOWER
	TIME CLOCK	IG	ISOLATED GROUND
	TRANSFORMER (REFER TO SCHEDULES FOR INFO)	KV	KILOVOLT
	VARIABLE SPEED DRIVE	KVA	KILOVOLT AMPERE

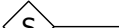
NOTES:

1. ALL DEVICE RATINGS/SIZES SHALL BE COORDINATED WITH PLANS AND SCHEDULES.

AUXILIARY SYST. SYMBOL LIST		MAIN CIRCUIT BREAKER	
SYMBOL	DESCRIPTION	MDP	MAIN DISTRIBUTION PANEL
	CAMERA	MLO	MAIN LUG ONLY
	CARD READER	MAX	MAXIMUM
	COMMUNICATIONS DEVICE - 6" ABOVE COUNTER	MIN	MINIMUM
	COMMUNICATIONS DEVICE - FLOOR	NEC	NATIONAL ELECTRICAL CODE
	COMMUNICATIONS DEVICE - WALL	NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
	MAGNETIC DOOR HOLDER	N/NEU	NEUTRAL
	PUSH BUTTON	NF	NON-FUSIBLE
	SPEAKER	NC	NORMALLY CLOSED
	WALL CLOCK - SINGLE FACE	NO	NORMALLY OPEN
	WALL CLOCK - DOUBLE FACE	NIC	NOT IN CONTRACT
	WALL CLOCK AND SPEAKER UNIT	OF/CI	OWNER FURNISHED / CONTRACTOR INSTALLED
		OF/OI	OWNER FURNISHED / OWNER INSTALLED
		PH	PHASE

NOTES:

1. ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR BOX AND CONDUIT FOR ALL DEVICES INDICATED.
2. LOW VOLTAGE CONTRACTOR SHALL PROVIDE EXACT SPECIFICATIONS AND LOCATIONS OF ALL DEVICES.

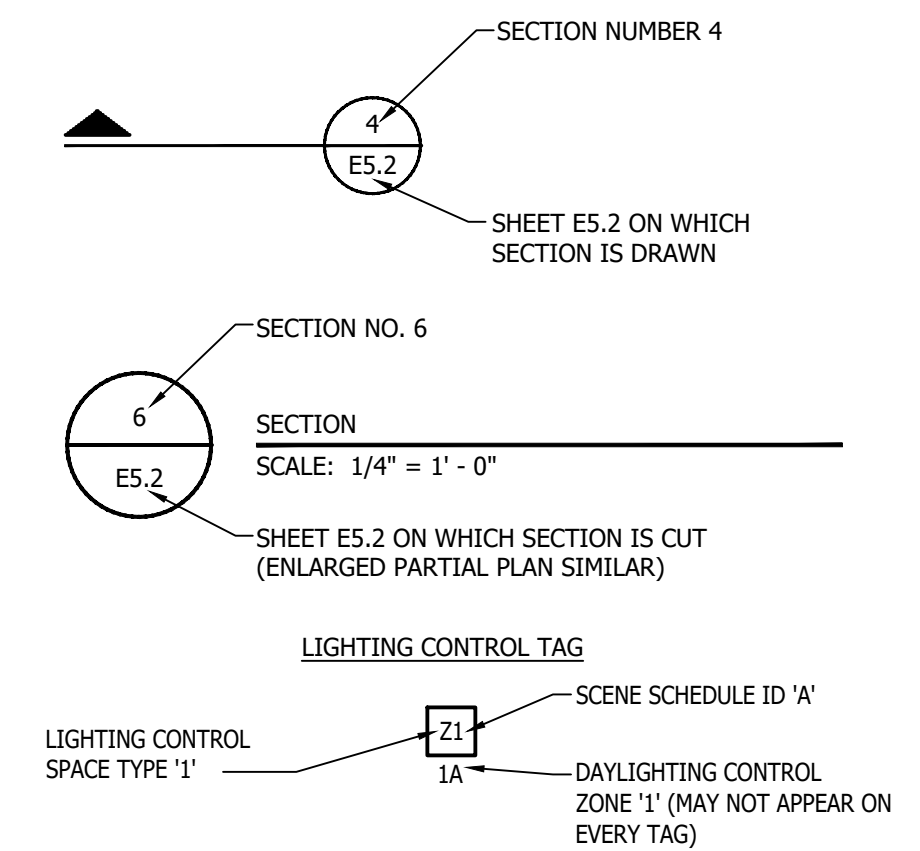
FIRE ALARM SYMBOL LIST		(RR) REMOVE AND REINSTALL	
SYMBOL	DESCRIPTION	RMG	RIGID METALLIC CONDUIT
	DETECTION DEVICE	RP	RECEPTACLE PANEL
	DETECTION DEVICE - DUCT MOUNTED	SPEC/SPECS	SPECIFICATIONS
	DETECTION DEVICE - FLOW SWITCH	TBB	TELEPHONE BACKBOARD
	DETECTION DEVICE - TAMPER SWITCH	TYP.	TYPICAL
	FIRE ALARM ANNUNCIATOR PANEL	UC	UNDER COUNTER
	FIRE ALARM CONTROL PANEL	UL	UNDERWRITERS LABORATORIES
	FIRE DEPARTMENT COMMUNICATION OUTLET	UPS	UNINTERRUPTIBLE POWER SUPPLY
	MANUAL DEVICE - PULL STATION	USB	UNIVERSAL SERIAL BUS
	NOTIFICATION DEVICE - WALL MOUNTED	V	VOLT
	NOTIFICATION DEVICE - CEILING MOUNTED	VA	VOLT AMPERE
	VISUAL NOTIFICATION DEVICE - WALL MOUNTED	W	WATT
	COMBINATION NOTIFICATION DEVICE - CEILING MOUNTED	WG	WIRE GUARD
		WP	WEATHERPROOF
NOTES:		XMR	TRANSFORMER
1. DRAWINGS INDICATE DESIGN INTENT ONLY. FINAL LOCATIONS AND			

NOTES:

1. DRAWINGS INDICATE DESIGN INTENT ONLY, FINAL LOCATIONS AND DEVICE SPECIFICATIONS SHALL BE PROVIDED BY FIRE ALARM MANUFACTURER. REFER TO PROJECT SPECIFICATIONS FOR APPROVED MANUFACTURERS.

DRAWING INDEX	
SHT NO	DESCRIPTION
E0.00	ELECTRICAL GENERAL INFORMATION
E1.00	COMPOSITE ELECTRICAL FLOOR PLAN
E4.10	ENLARGED ELECTRICAL POWER DEMOLITION AND NEW WORK PLANS
E5.00	ELECTRICAL DETAILS

SYMBOL	DRAWING NOTATION
LA	LIGHTING FIXTURE TAG
	CONSTRUCTION KEY NOTE NUMBER 1
	DEMOLITION KEY NOTE NUMBER 1
	FEEDER SIZE TAG (REFER TO FEEDER SCHEDULE ON THIS SHEET)
EF-1	EQUIPMENT DESIGNATION, (I.E. EXHAUST FAN NUMBER 1)
	EXISTING DEVICES OR EQUIPMENT
	NEW OR MODIFIED DEVICES OR EQUIPMENT
	NEW OR MODIFIED UNDERGROUND WIRING
	EXISTING SYSTEM COMPONENT TO BE REMOVED

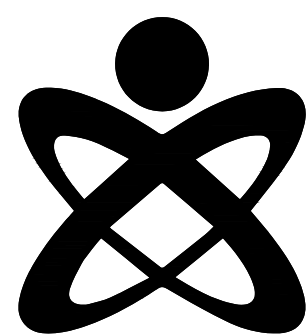


APPLICABLE CODES AND REGULATIONS	
YEAR	CODE
2021	MICHIGAN BUILDING CODE
2019	MICHIGAN ENERGY CODE
2023	MICHIGAN ELECTRICAL CODE RULES, PART 8
2023	NATIONAL ELECTRICAL CODE (NFPA 70)
2013	NATIONAL FIRE ALARM AND SIGNALING CODE, NFPA 72
2012	LIFE SAFETY CODE, NFPA 101
2013	STANDARD FOR EMERGENCY AND STANDBY POWER SYSTEMS, NFPA 110
2009	ICC A117.1 ACCESSIBLE AND USABLE BUILDINGS & FACILITIES

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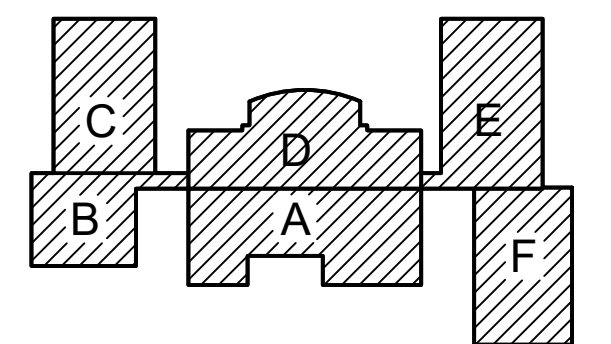
ELECTRICAL GENERAL INFORMATION

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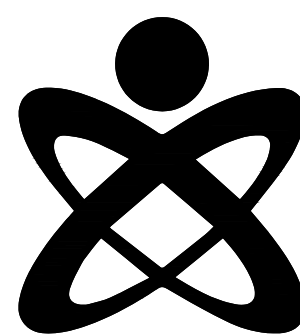
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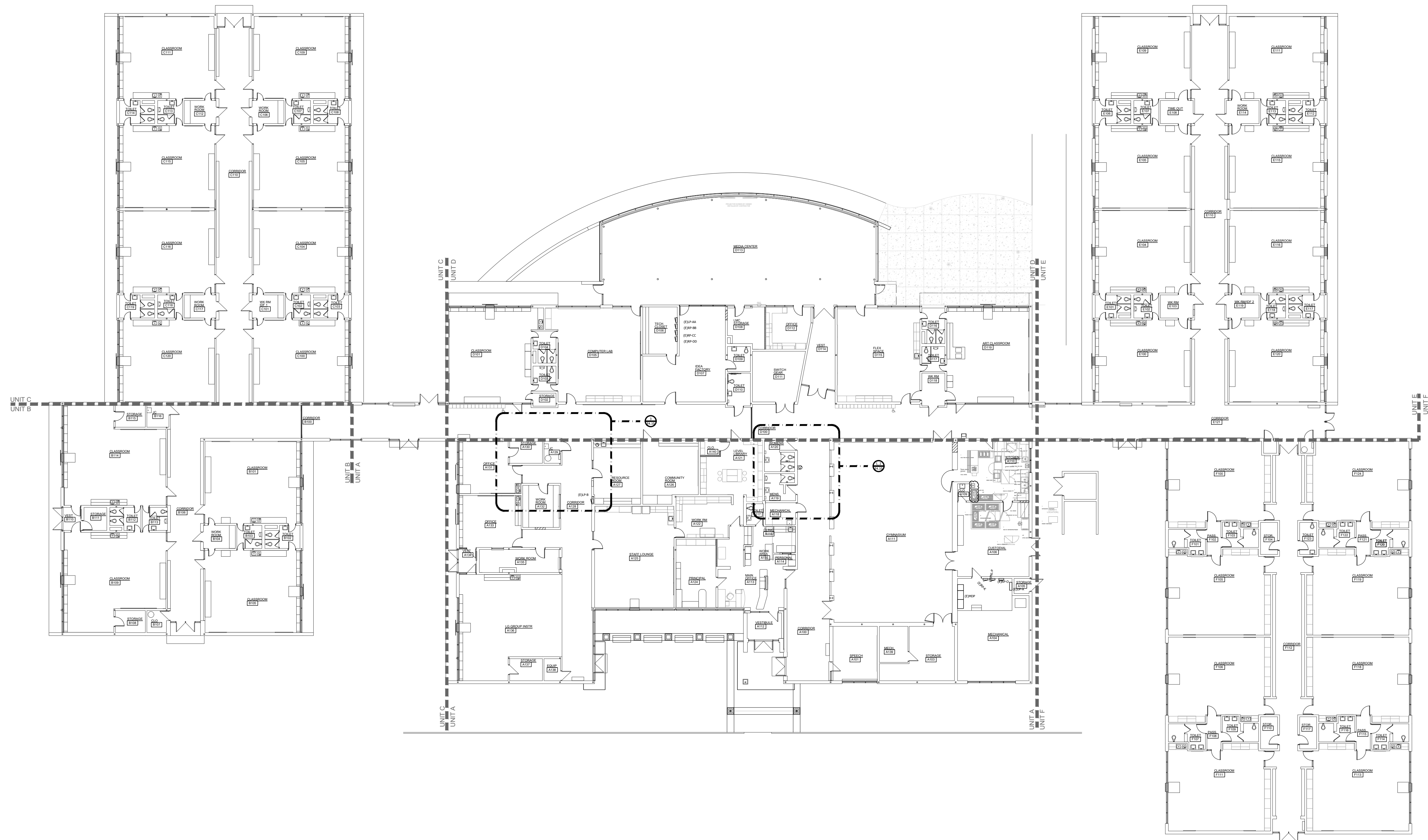
COMPOSITE
ELECTRICAL FLOOR
PLAN

PROJECT NUMBER

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SHEET NUMBER

E1.00



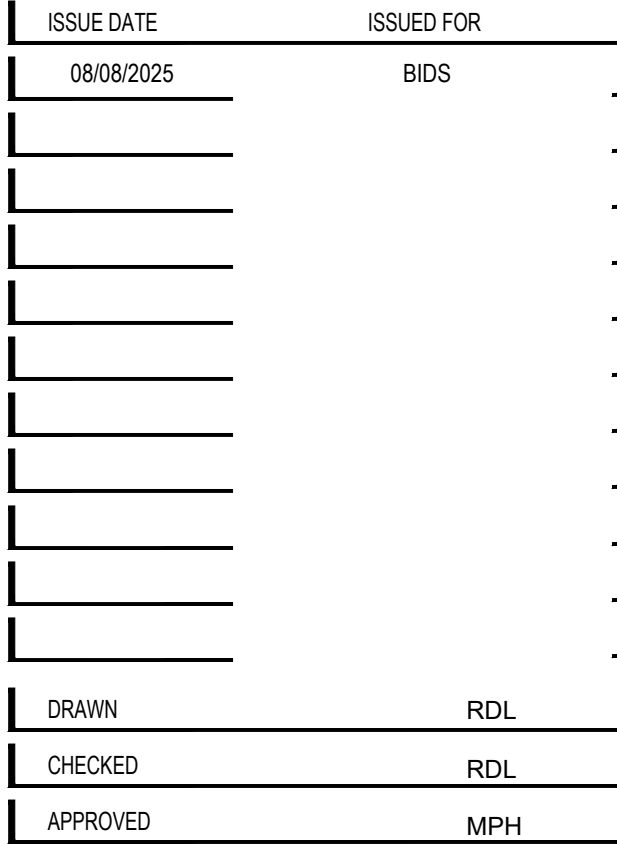
COMPOSITE ELECTRICAL FLOOR PLAN
SCALE: N.T.S.



 DEMOLITION KEYED NOTES	
1	RECEPTACLE TO BE REMOVED COMPLETE. TAKE CONDUIT AND WIRING BACK TO SOURCE. PREP CIRCUIT FOR RECONNECT TO NEW RECEPTACLE. REFER TO NEW WORK SHEETS.



<div style="display: flex; align-items: center;"> <div style="border: 1px solid black; border-radius: 50%; width: 30px; height: 30px; display: flex; align-items: center; justify-content: center; margin-right: 10px;">X</div> <div> <h2 style="margin: 0;">NEW WORK KEYED NOTES</h2> </div> </div>	
1	RUN NEW WIRE AND CONDUIT FOR NEW DRINKING FOUNTAIN GFCI RECEPTACLE. RECEPTACLE SHALL BE READILY ACCESSIBLE. CIRCUIT TO EXISTING SPARE 20A BREAKER AS SHOWN
2	EXTEND EXISTING SPARE CIRCUIT MADE AVAILABLE FROM DEMOLITION.



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ENLARGED ELECTRICAL POWER DEMOLITION AND NEW WORK PLANS

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SHEET NUMBER

E4.10

