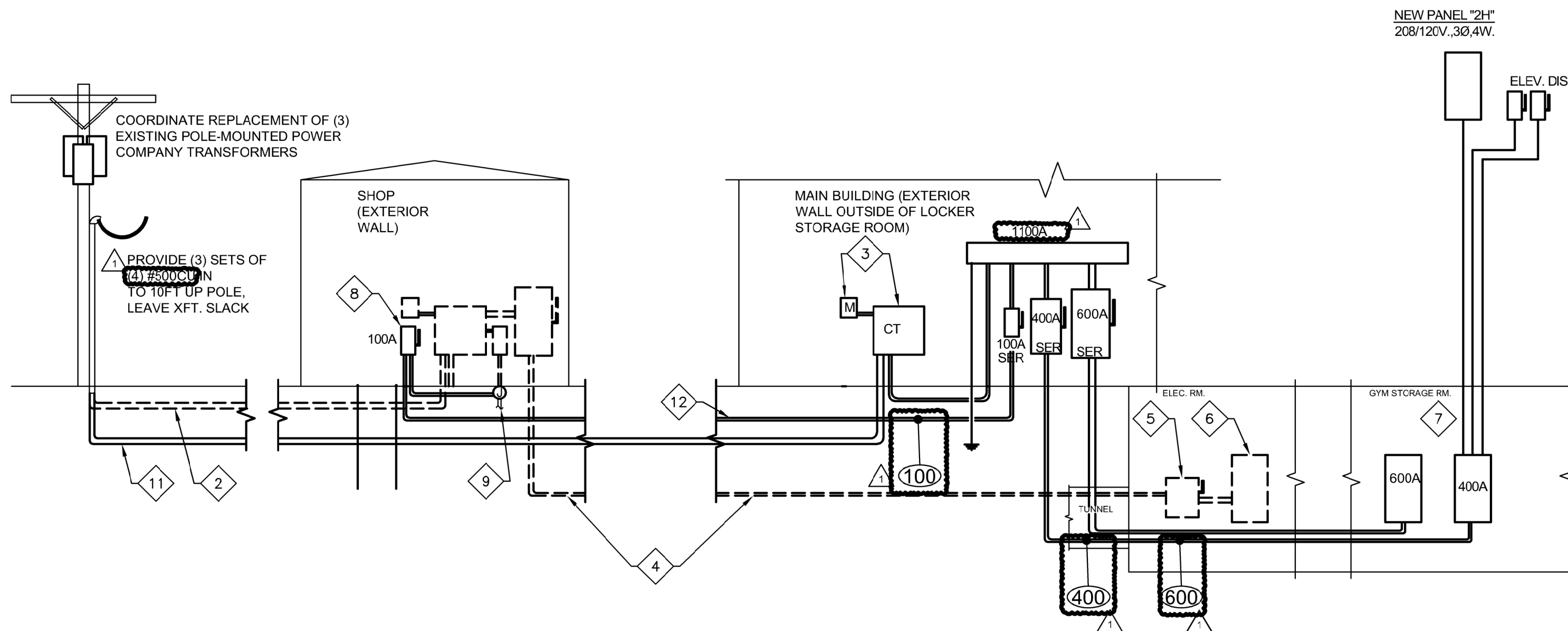




2 POWER RISER DIAGRAM

N.T.S.

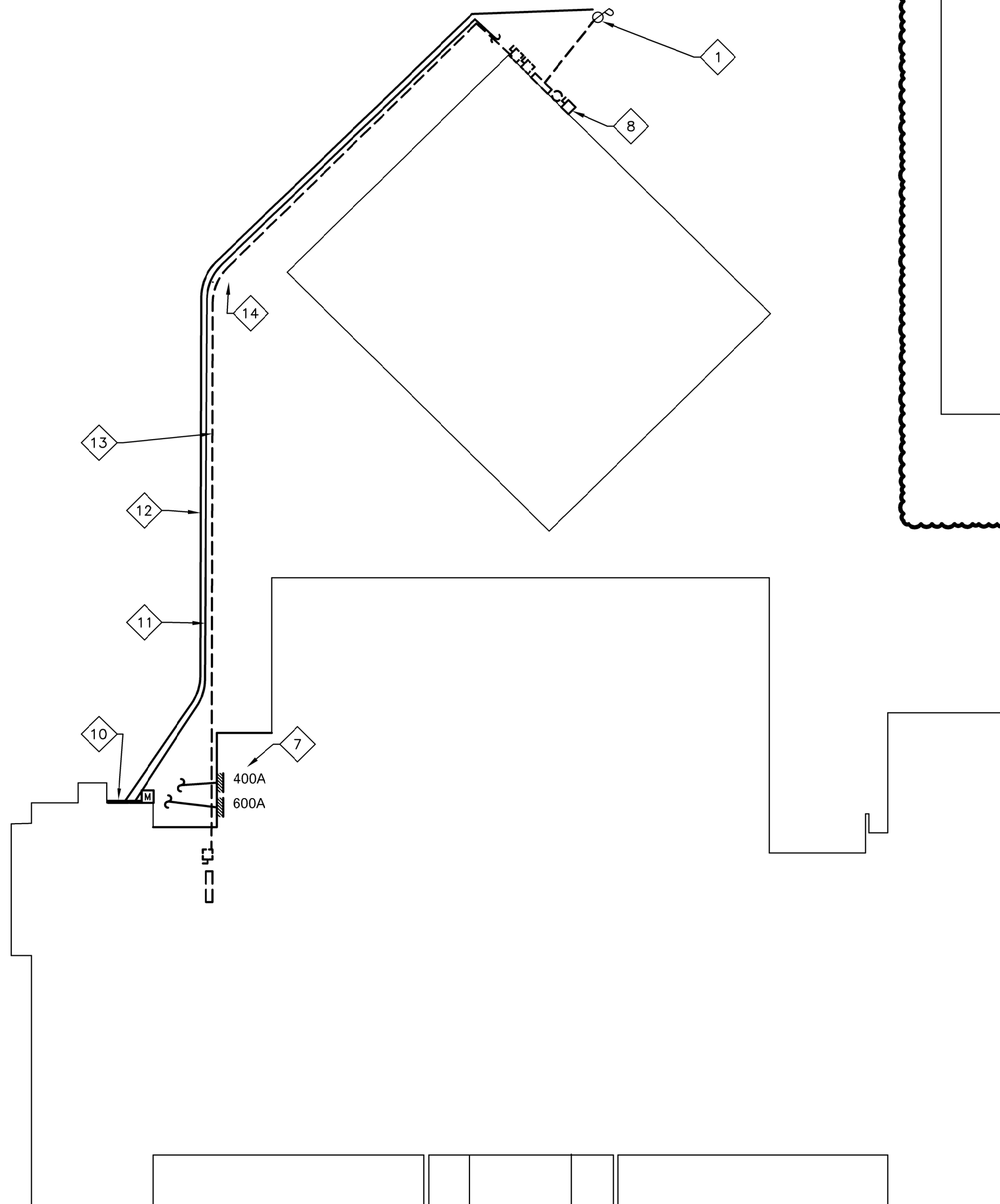
ELECTRICAL CODED NOTES

- COORDINATE REPLACEMENT OF POLE-MOUNTED TRANSFORMERS WITH OHIO EDISON. CONTACT: CORY LAWSON, (740) 382-7164. CLAWSON@FIRSTENERGYCORP.COM, 420 YORK ST., SPRINGFIELD OH, 45505. REFERENCE WORK REQUEST NO. 64522063.
- DISCONNECT AND REMOVE EXISTING PRIMARY SERVICE FEEDERS.
- PROVIDE NEW WEATHERPROOF METER BASE, CT CABINET AND SERVICE DISCONNECTS ACCORDING TO POWER COMPANY SPECIFICATIONS.
- REMOVE EXISTING SECONDARY SERVICE FEEDERS TO MAIN BUILDING. PROVIDE NEW WIRE/CONDUIT TO NEW SERVICE ENTRANCE.
- DISCONNECT AND REMOVE EXISTING 400A. DISCONNECT.
- DISCONNECT, REMOVE AND REPLACE EXISTING MAIN PANEL WITH A NEW 600A PANEL LOCATED IN GYM STORAGE ROOM.
- PROVIDE NEW 208/120V 3Ø, 4W, 400A AND 600A DISTRIBUTION PANELS IN GYM STORAGE ROOM. PROVIDE FLOOR PAINT INDICATING REQUIRED CLEARANCES.
- PROVIDE NEW 100A WP DISCONNECT, RECONNECT TO EXISTING SECONDARY FEEDERS SERVING THE SHOP.
- PROVIDE GRADE-MOUNTED JUNCTION BOX AND RECONNECT NEW WIRE/CONDUIT TO EXISTING WHICH FEEDS THE PANEL INSIDE THE SHOP.
- SERVICE ENTRANCE. REFER TO POWER RISER DIAGRAM, THIS SHEET.
- PROVIDE NEW PRIMARY SERVICE FEEDERS: (3) SETS OF (4) #500, ONE SET IN EACH OF (3) 3" C. SCHEDULE 80PVC.
- PROVIDE (4) #1AWG., (1) #6GRD., IN 1 1/2".
- REMOVE EXISTING 400A SECONDARY FEEDER.
- CUT AND PATCH PAVEMENT. 4" ODOT ITEM 4481, TYPE II.

Conductor Ampacity Table THHN/THWN-75°C (LINEAR LOADS)

	Copper (Basis of Design)						Aluminum								
	Table 310.16		Table 250.122		Table C.11		Table 250.102(C)(1)	Table 310.16		Table 250.122		Table C.11		Table 250.102(C)(1)	
#	# OF	WIRE	GROUND	CONDUIT SIZE		# OF		WIRE	GROUND	CONDUIT SIZE					
RATED	SETS	SIZE	SIZE	3W+GND	4W+GND	TRANSFORMER SECONDARY GROUNDING CONDUCTOR	SETS	SIZE	SIZE	3W+GND	4W+GND	TRANSFORMER SECONDARY GROUNDING CONDUCTOR			
15	1	12	12	0.75	0.75	8									
20	1	12	12	0.75	0.75	8									
25	1	10	10	0.75	0.75	8									
30	1	10	10	0.75	0.75	8									
35	1	8	10	1.00	1.00	8									
40	1	8	10	1.00	1.00	8									
45	1	8	10	1.00	1.00	8									
50	1	8	10	1.00	1.00	8									
60	1	6	10	1.00	1.00	8									
70	1	4	8	1.25	1.25	8									
80	1	3	8	1.25	1.25	8									
90	1	3	8	1.25	1.25	8									
100	1	1	8	1.25	1.25	6	1	1	6	1.50	2.00	6			
110	1	1	6	1.25	1.25	6	1	1/0	4	1.50	2.00	6			
125	1	1	6	1.50	1.50	6	1	2/0	4	2.50	2.50	4			
150	1	1/0	6	2.00	2.00	6	1	3/0	4	2.50	2.50	4			
175	1	2/0	6	2.00	2.00	4	1	4/0	4	2.50	2.50	2			
200	1	3/0	6	2.50	2.50	4	1	250	4	2.50	3.00	2			
225	1	4/0	4	2.50	2.50	2	1	300	2	2.50	3.00	1/0			
250	1	250	4	2.50	2.50	2	1	350	2	3.00	3.00	1/0			
300	1	300	4	3.00	3.00	2	1	500	2	3.00	3.50	1/0			
350	1	400	3	3.00	3.00	1/0	1	700	1	3.50	4.00	3/0			
400	1	500	3	3.50	3.50	1/0	2	250	1	2.50	3.00	2			
450	2	4/0	2	2.50	2.50	2	2	300	1/0	2.50	3.00	1/0			
500	2	250	2	2.50	2.50	2	2	350	1/0	3.00	3.00	1/0			
600	2	350	1	3.00	3.00	2	2	500	2/0	3.00	3.50	1/0			
700	2	400	1/0	3.00	3.00	1/0	2	700	3/0	3.50	4.00	3/0			
800	2	500	1/0	3.50	3.50	1/0	3	400	3/0	4.00	5.00	1/0			
1000	3	400	2/0	3.00	3.00	1/0	3	600	4/0	3.50	4.00	3/0			
1200	3	600	3/0	4.00	4.00	1/0	4	500	250	3.50	4.00	1/0			
1600	4	600	4/0	4.00	4.00	1/0	5	600	350	3.50	4.00	3/0			
2000	5	600	250	4.00	4.00	1/0	6	600	400	3.50	4.00	3/0			
2500	6	600	350	4.00	4.00	1/0	7	700	600	4.00	5.00	3/0			
3000	8	500	400	4.00	4.00	1/0	10	500	600	4.00	5.00	1/0			
4000	10	600	500	4.00	4.00	1/0	12	600	750	4.00	5.00	3/0			
5000	12	600	700	4.00	4.00	1/0	16	600	1200	4.00	5.00	3/0			
6000	16	600	800	4.00	4.00	1/0	18	600	1200	4.00	5.00	3/0			

NOTE: ALUMINUM WIRING WILL BE ALLOWED FOR PANELBOARD FEEDERS 100A AND ABOVE. AL01 FEEDER AND BRANCH CIRCUITS SERVING MECHANICAL EQUIPMENT AND ELEVATORS TO BE COPPER. ALL OTHER BRANCH CIRCUITS SHALL BE COPPER. SECONDARY FEEDERS SHALL BE COPPER.



1 SITE UTILITY PLAN

1" = 20'-0"

0' 10' 20' 40'



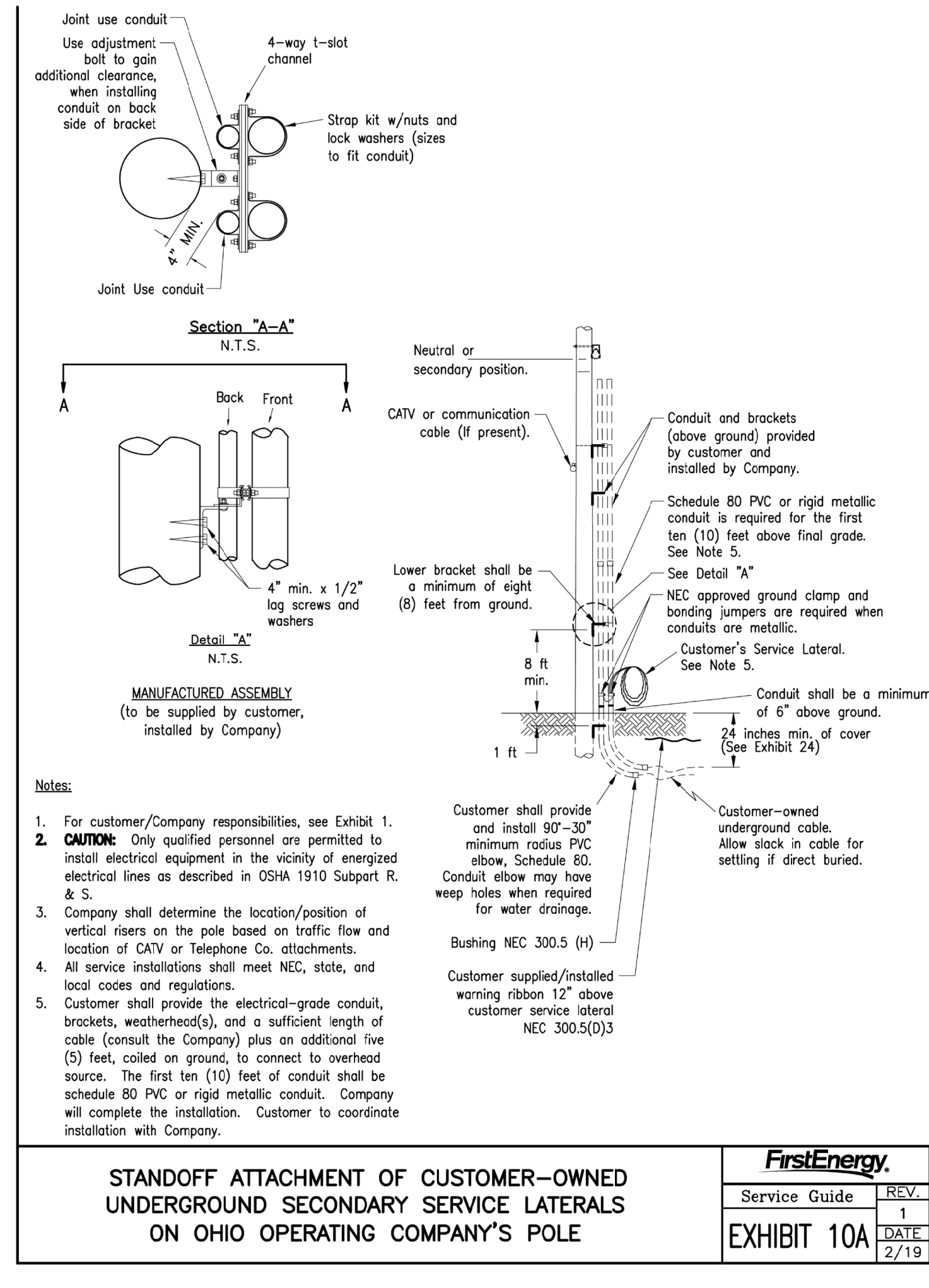
ROGER D. FIELDS ASSOCIATES, INC.
580 N. 4th St., Suite 240
Columbus, Ohio 43215
(614) 451-2248
www.rdfa.com
Project #: 25096



Designer: J.L.

SU1.1

SIGNED _____ DATE _____



3 UTILITY STANDOFF BRACKETS

N.T.S.

ROGER D. FIELDS ASSOCIATES, INC.
580 N. 4th St., Suite 240
Columbus, Ohio 43215-2156
(614) 451-2248
www.rdfa.com
Project #: 25096



Designed By:
Checked By:

SITE UTILITY PLAN

PRESCHOOL EXPANSION AND DISTRICT OFFICE RENOVATION

145 N. CHERRY ST.
MOUNT GILEAD, OH 43338

PREPARED FOR:
MOUNT GILEAD EXEMPTED VILLAGE SCHOOL DISTRICT

schorr architects inc.

230 Bradenton Ave.
Dublin, OH 43017
(614) 798-2096

BID/PERMITS: JULY 2, 2026

ADDENDUM I: JULY 20, 2026

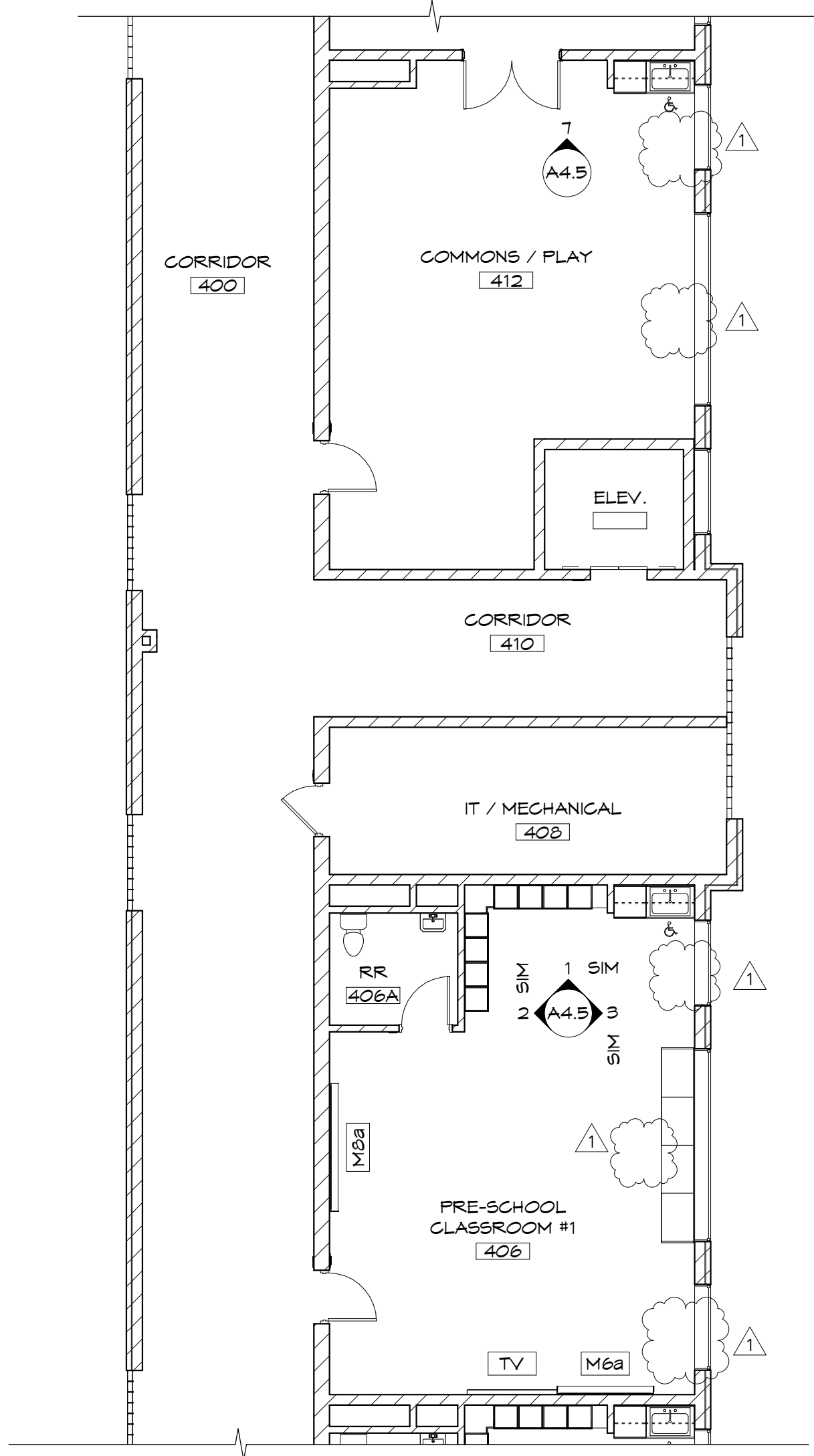
COMM. NO.: 2604

SIGNED _____ DATE _____

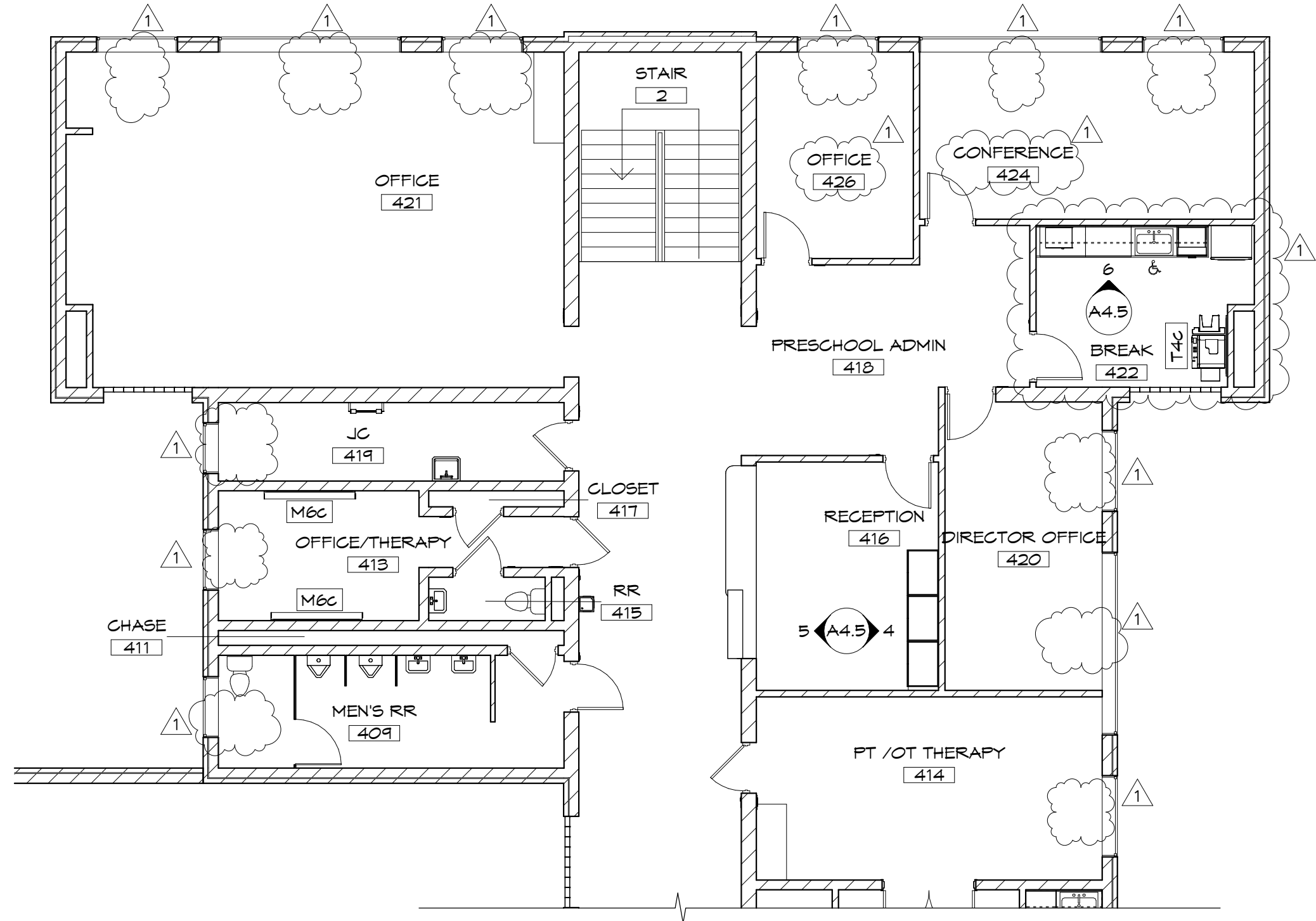
APPLIANCE SCHEDULE - CFCI				
AP-1	GE	GBE1THYR	REFRIGERATOR	CFCI
AP-2	GE	JES1460DS	COUNTERTOP MICROWAVE OVEN	CFCI

MARKER BOARD			
KEY	LENGTH	HEIGHT	MOUNTING HEIGHT
M			
M4c	4'-0"	4'-0"	2'-8" AFF
M6a	6'-0"	4'-0"	2'-8" AFF
M6c	6'-0"	4'-0"	2'-8" AFF
M8a	8'-0"	4'-0"	2'-8" AFF

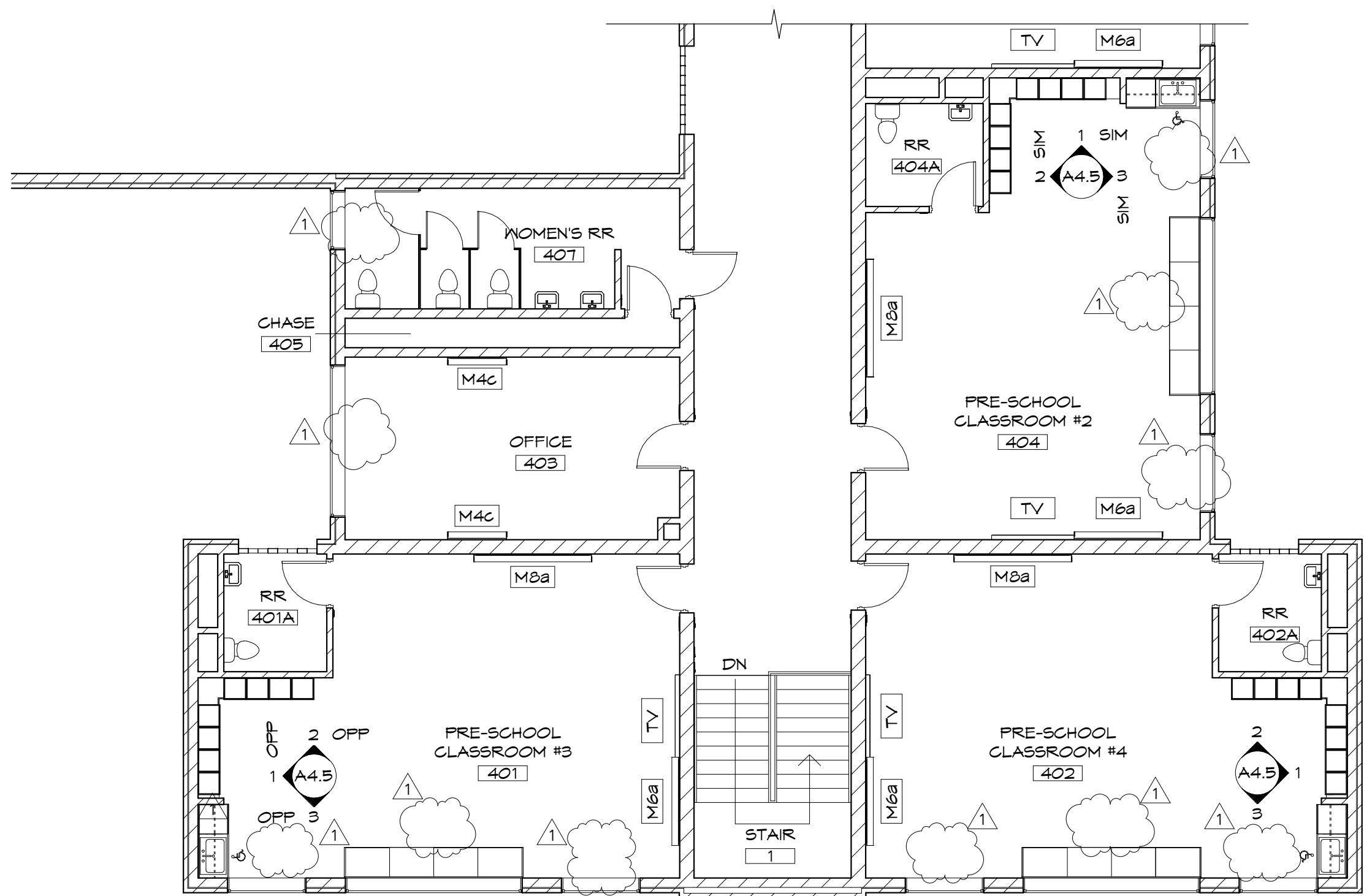
TACK BOARD			
KEY	LENGTH	HEIGHT	MOUNTING HEIGHT
T4c	6'-0"	4'-0"	2'-8" AFF



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



3 SECOND FLOOR - EQUIPMENT PLAN
1/8" = 1'-0"



1 SECOND FLOOR - EQUIPMENT PLAN
1/8" = 1'-0"

GENERAL EQUIPMENT NOTES

- COORDINATE ALL CASEWORK WITH PLUMBING AND ELECTRICAL DRAWINGS. MEPT DEVICES ARE SHOWN FOR REFERENCE ONLY - REFER TO MEPT SHEETS FOR MORE INFORMATION.
- VERTICAL CASEWORK SURFACES TO RECEIVE PL-1; HORIZONTAL CASEWORK SURFACE TO RECEIVE PL-2, UNLESS NOTED OTHERWISE.
- APPLIANCES ARE CONTRACTOR FURNISHED, CONTRACTOR INSTALLED UNLESS NOTED OTHERWISE; CONFIRM SIZE OF ALL APPLIANCES PRIOR TO FABRICATION OF CASEWORK.
- SEE DETAIL 8/A4.5 FOR VISUAL DISPLAY BOARD SIZES AND MOUNTING HEIGHTS.
- OFFICE COPIERS AND PRINTERS BY OWNER, SHOWN FOR COORDINATION.

CODED NOTES

SECOND FLOOR EQUIPMENT PLAN

PRESCHOOL EXPANSION AND DISTRICT OFFICE RENOVATION

145 N. CHERRY ST.
MOUNT GILEAD, OH 43338

PREPARED FOR:
MOUNT GILEAD EXEMPTED VILLAGE
SCHOOL DISTRICT

schorr **architects**
inc.

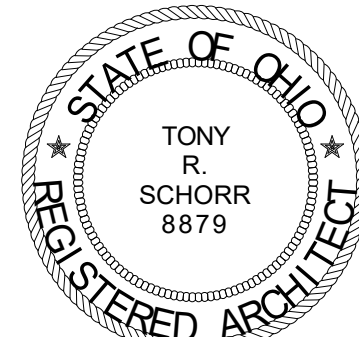
CDA **COMMUNITY**
DESIGN ALLIANCE

BID/PERMIT - 07/02/2026

ADDENDUM 01 - 07/20/2026

COMM. NO.: 2604

A4.1

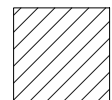
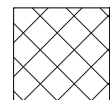
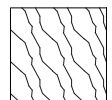
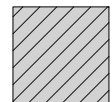
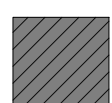
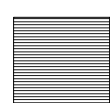
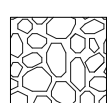
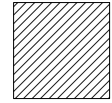
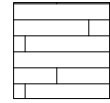
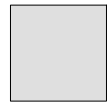


TONY R. SCHORR, LICENSE #8879
EXPIRATION DATE 12/31/2027
SIGNED: *Tony R. Schorr* DATE: 07/02/2026

FINISH TAG

CEILING FINISH
BASE FINISH
FLOOR FINISH

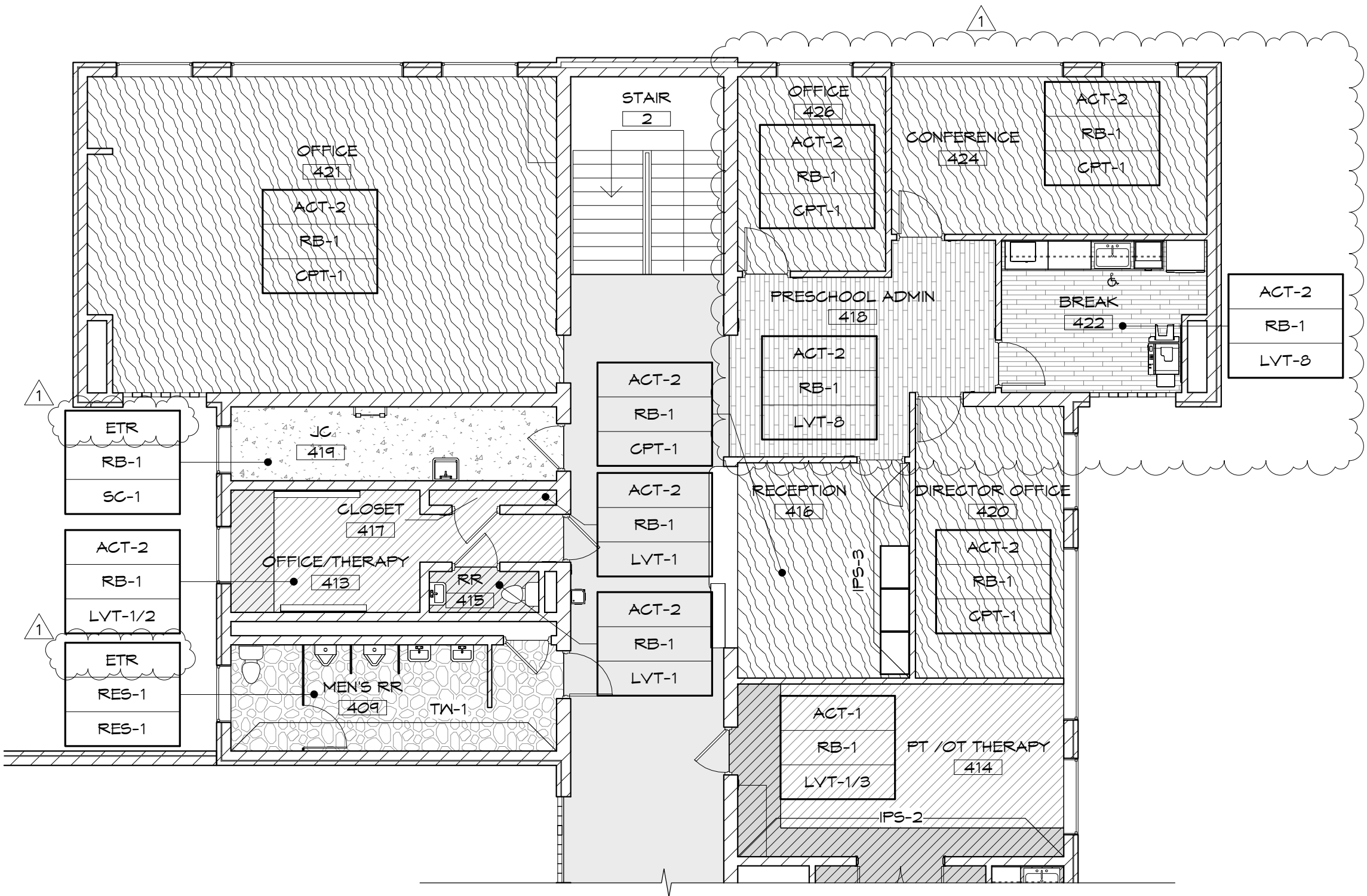
FLOORING LEGEND

 LVT-1	 LVT-5	 CPT-1
 LVT-2	 LVT-6	 SC-1
 LVT-3	 LVT-7	 RES-1
 LVT-4	 LVT-8	 EXISTING

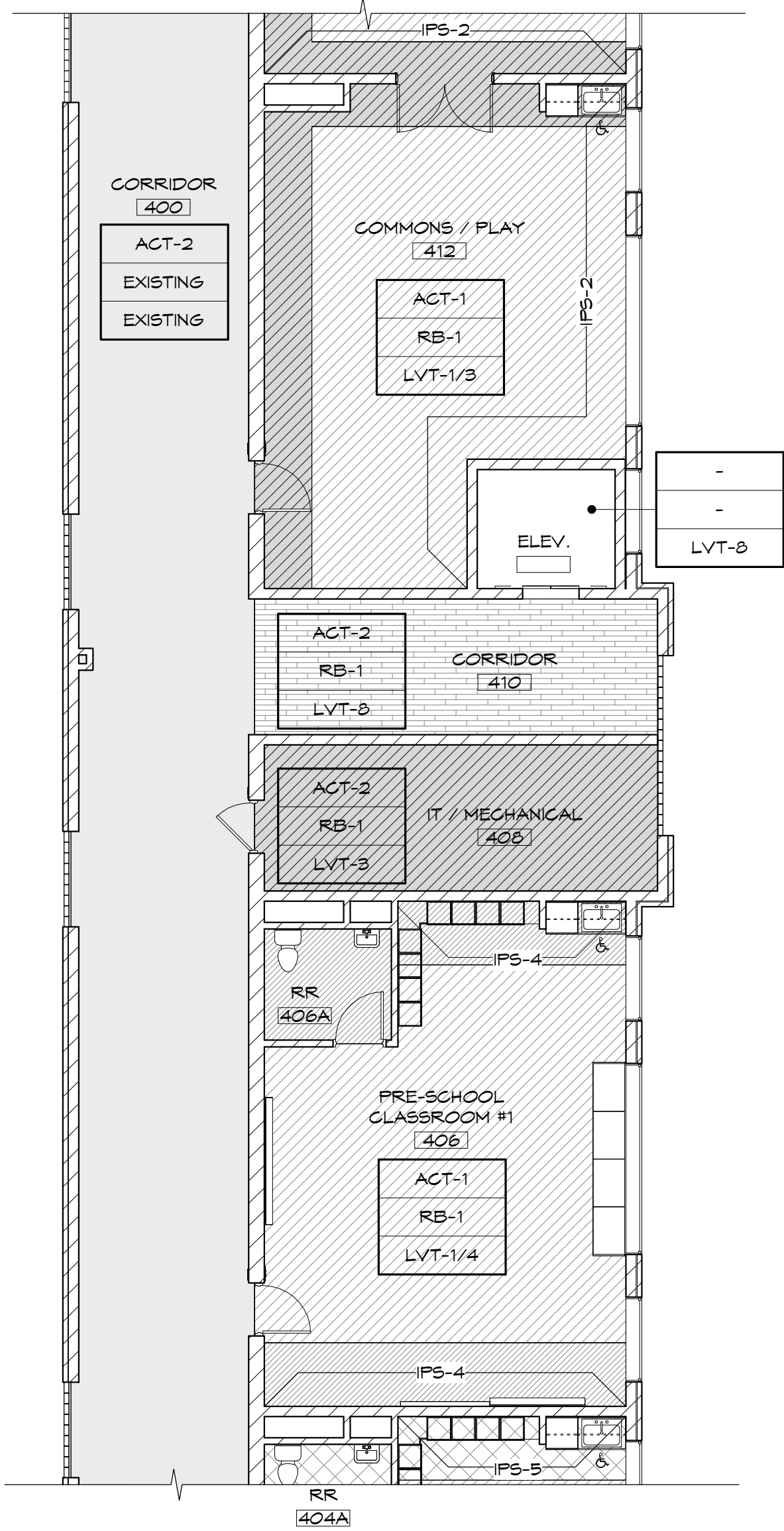
← FLOOR TILE DIRECTION

GENERAL FINISH NOTES

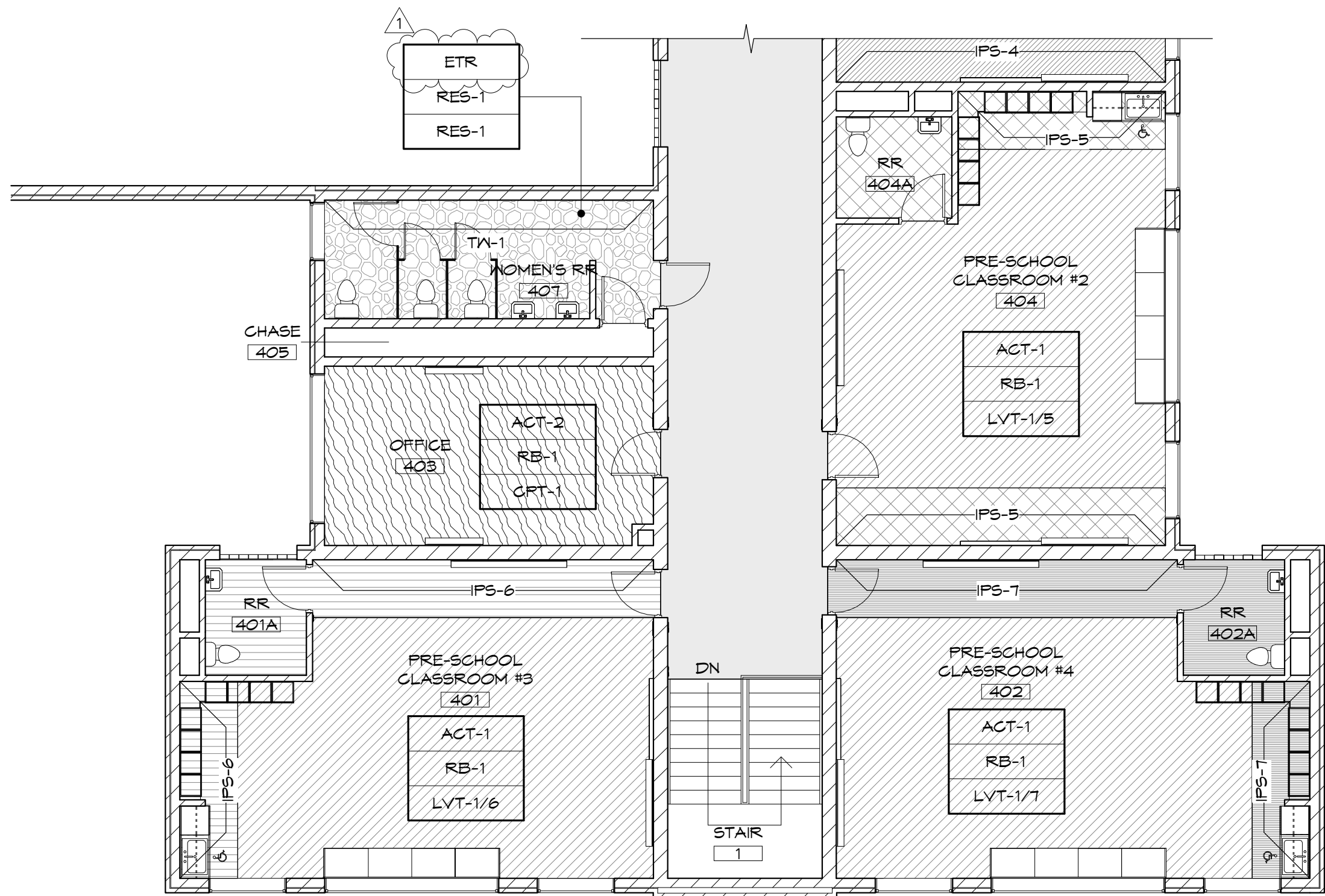
- SEE SHEET A4.5 FOR INTERIOR FINISHES.
- CONTRACTOR MUST OBTAIN COLOR PRINTS OF ALL FLOOR PATTERNS FROM ARCHITECT BEFORE INSTALLING MATERIAL.
- EXTEND FLOORING MATERIAL UNDER ALL CASEWORK.
- WHEN FLOORING TRANSITIONS OCCUR AT A DOORWAY, TRANSITION TO OCCUR AT THE CENTERLINE OF THE CLOSED DOOR.
- SEE STRUCTURAL FOUNDATION AND PLUMBING PLANS FOR DRAIN AND SLOPE LOCATIONS.
- IN OCCUPIED SPACES, INCLUDING AREAS OF EXPOSED ROOF STRUCTURE IDENTIFIED TO BE PAINTED, ALL SIGHT-EXPOSED MECHANICAL, PLUMBING, ELECTRICAL, FIRE PROTECTION, AND TECHNOLOGY COMPONENTS INCLUDING, BUT NOT LIMITED TO, DUCTWORK, PIPING, FITTINGS, CONDUIT, BOXES, HANGERS, ETC. SHALL BE PAINTED IPS-1 UNLESS NOTED OTHERWISE. DATA CABLES SHALL NOT BE PAINTED.
- ALL WALLS TO BE PAINTED, IPS-1 WITH EGGSHELL FINISH; UNLESS NOTED OTHERWISE.
- ELECTRICAL PANELS, MECHANICAL GRILLES, LOUVERS, AND ANY OTHER MISCELLANEOUS, UNFINISHED ITEMS INSTALLED IN WALL SURFACES SHALL BE PAINTED TO MATCH ADJACENT WALL COLOR, UNLESS NOTED OTHERWISE.
- AT BUILDING EXPANSION JOINTS, DO NOT BRIDGE THE FLOORING MATERIALS.
- INTERIOR HOLLOW METAL DOORS AND FRAMES TO BE PAINTED IPS-1 IN SEMI-GLOSS FINISH, UNLESS NOTED OTHERWISE.



3 SECOND FLOOR - FINISH PLAN
1/8" = 1'-0"



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



1 SECOND FLOOR - FINISH PLAN
1/8" = 1'-0"

SECOND FLOOR FINISH PLAN

PRESCHOOL EXPANSION AND DISTRICT OFFICE RENOVATION

145 N. CHERRY ST.
MOUNT GILEAD, OH 43338

PREPARED FOR:
MOUNT GILEAD EXEMPTED VILLAGE
SCHOOL DISTRICT



BID/PERMIT - 07/02/2026

ADDENDUM 01 - 07/20/2026

COMM. NO.: 2604

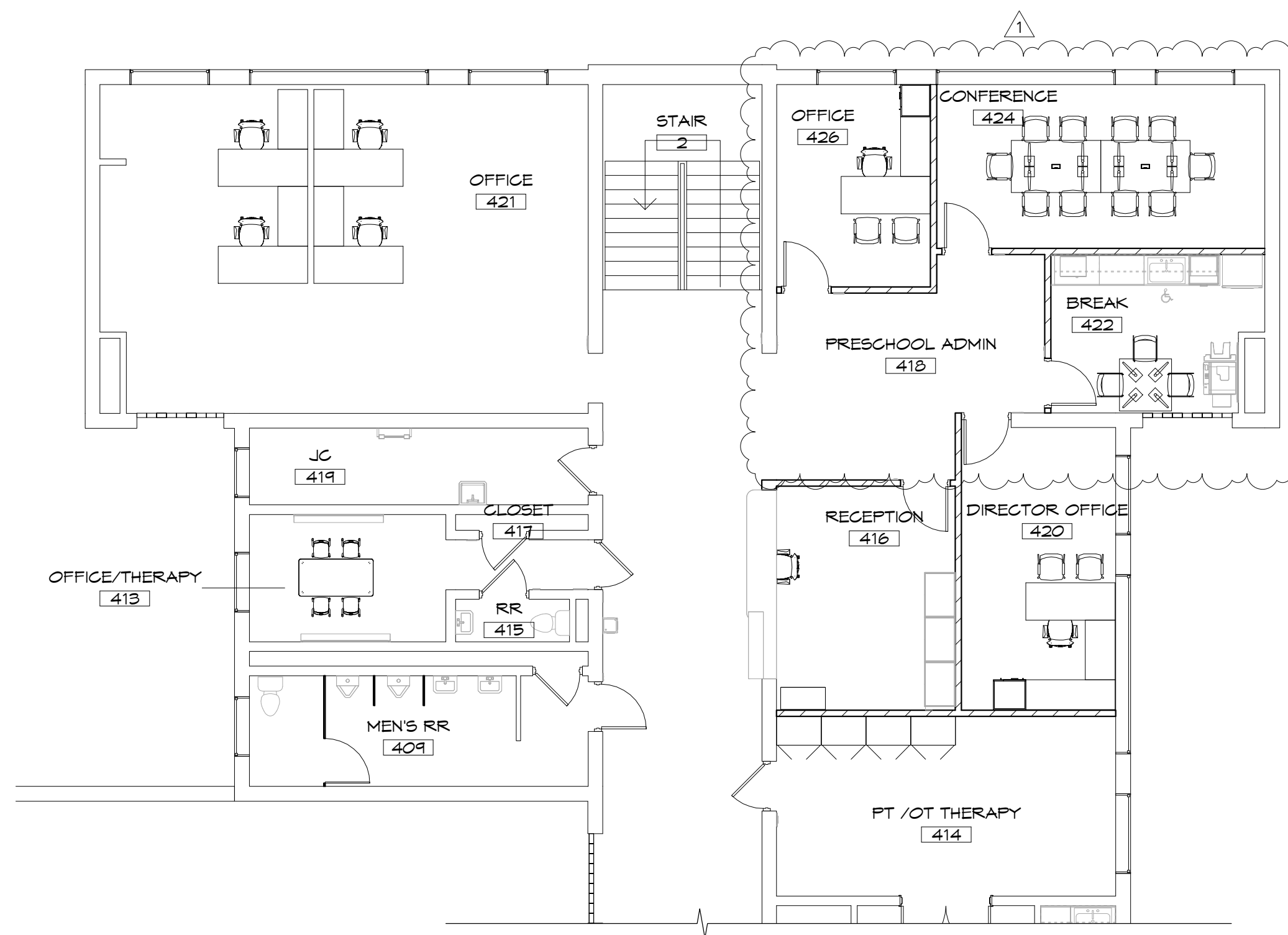
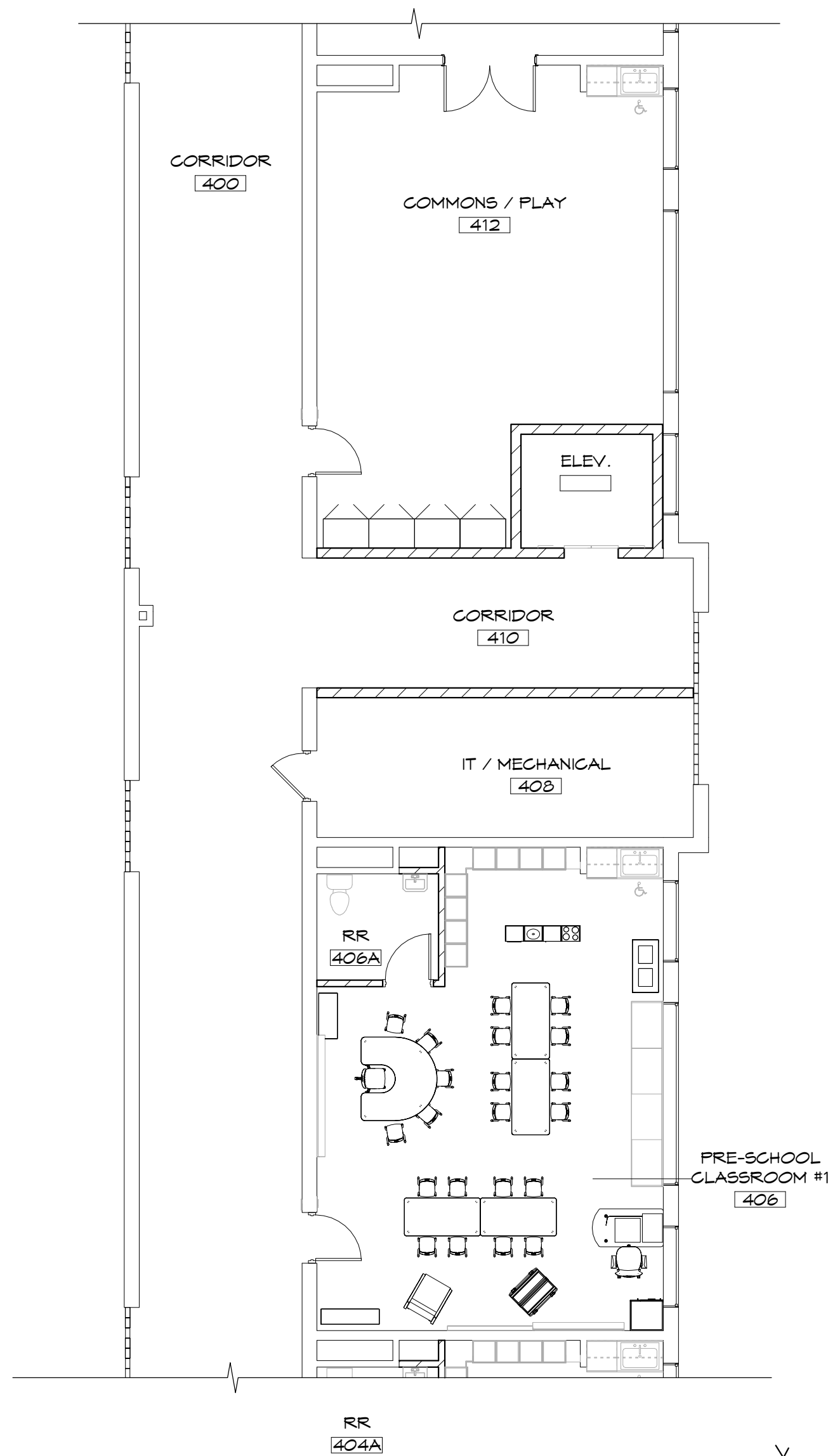


A4.2

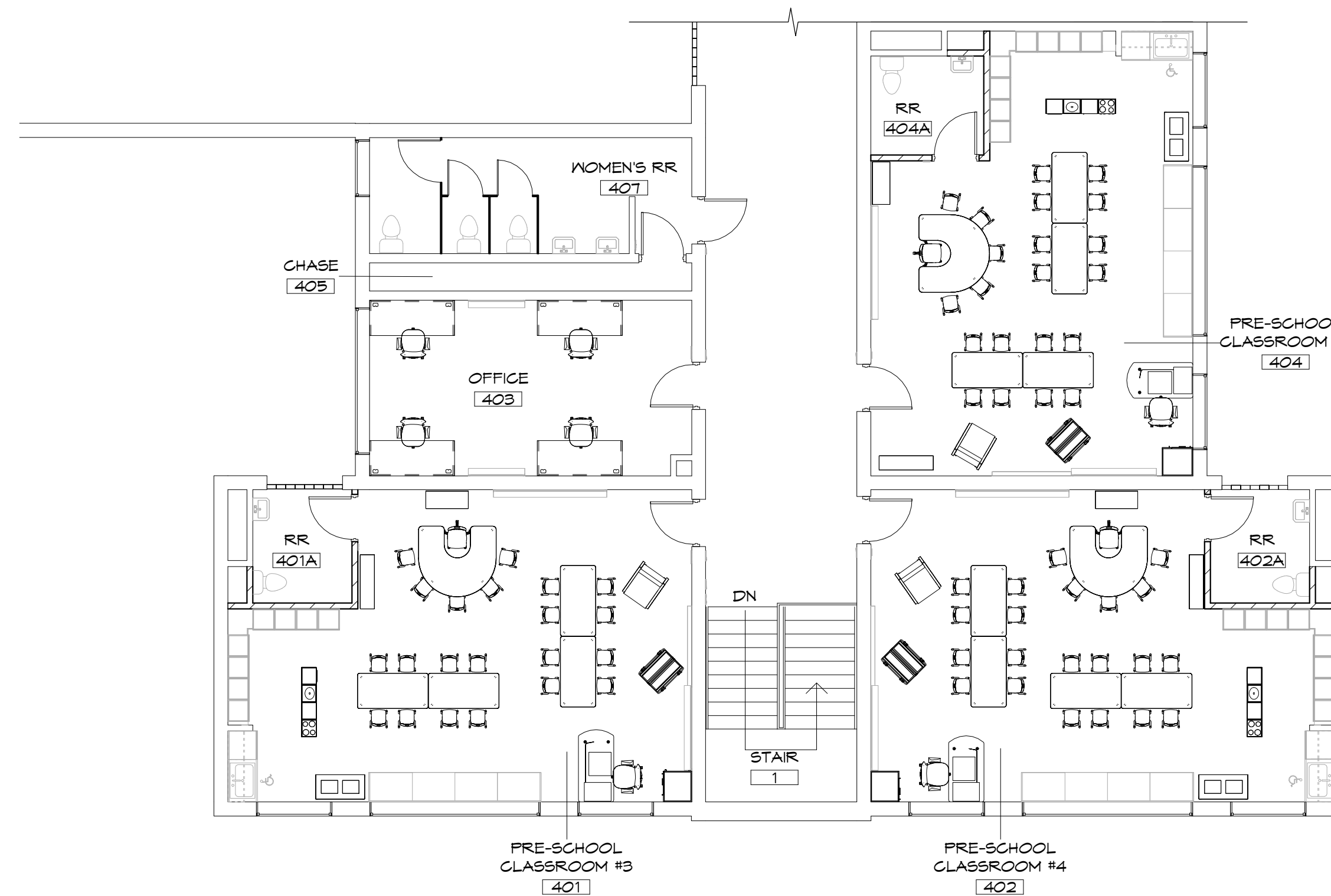
TONY R. SCHORR, LICENSE #8879
EXPIRATION DATE 12/31/2027
SIGNED: [Signature] DATE: 07/02/2026

7/17/2026 10:39:01 AM

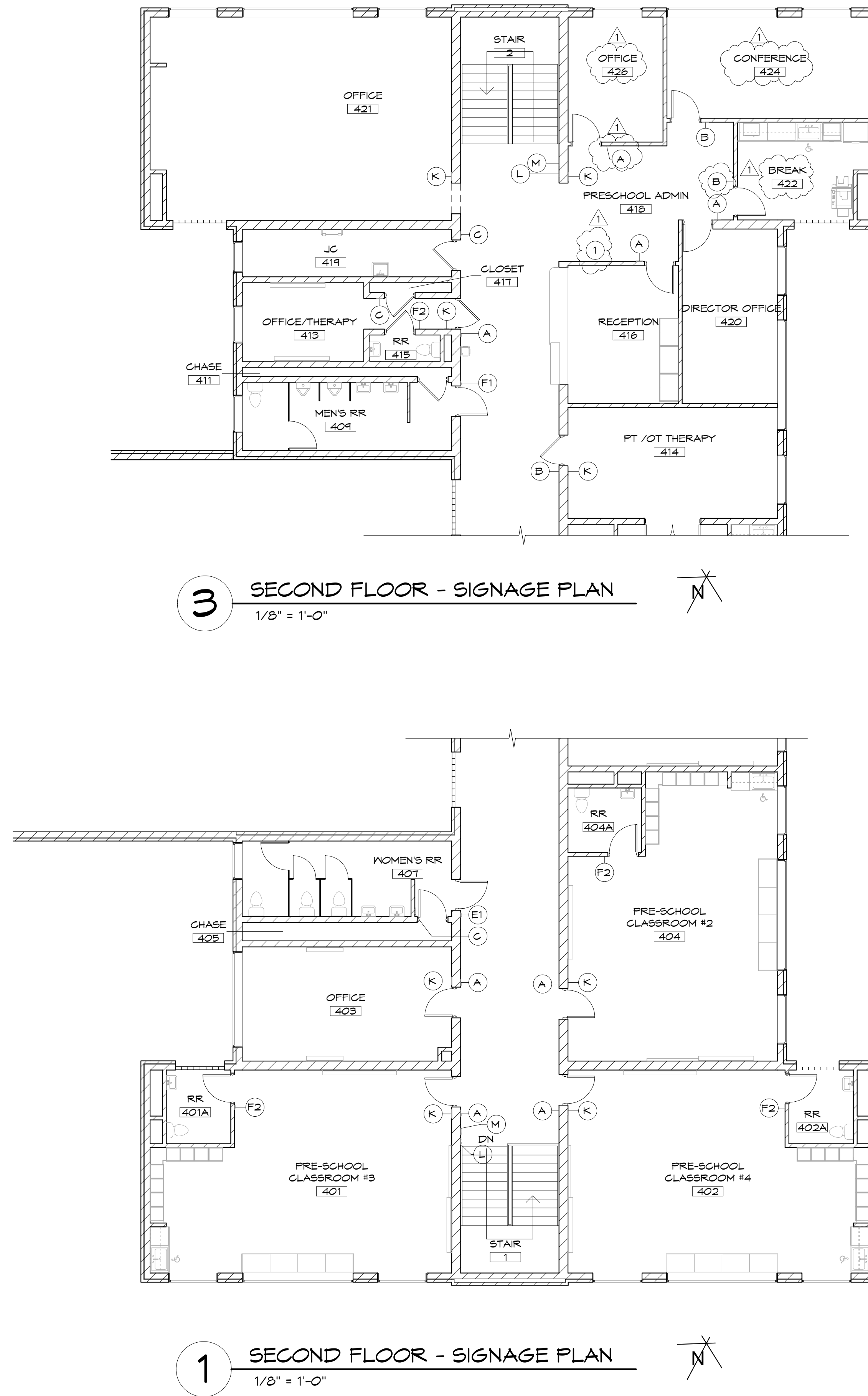
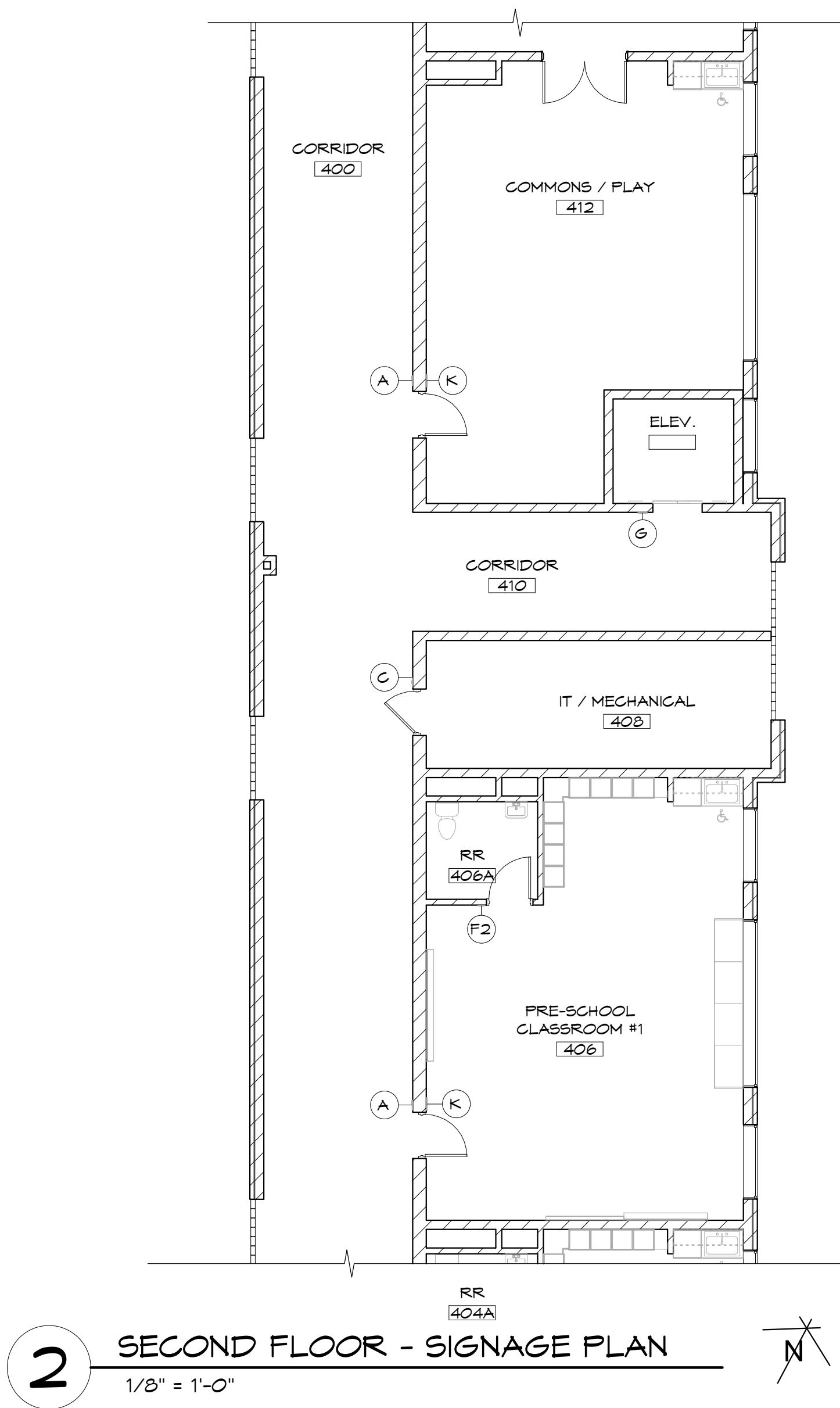
2 SECOND FLOOR - FURNITURE PLAN
1/8" = 1'-0"



3 SECOND FLOOR - FURNITURE PLAN
1/8" = 1'-0"



7/17/2026 10:39:02 AM



GENERAL SIGNAGE NOTES

1. SEE SHEET A4.6 FOR INTERIOR SIGNAGE DETAILS.
2. SIGNAGE CONTRACTOR RESPONSIBLE FOR VERIFYING QUANTITIES.
3. REFER TO INTERIOR ELEVATIONS FOR ADDITIONAL SIGNAGE & GRAPHICS INFORMATION.

SECOND FLOOR SIGNAGE PLAN

PRESCHOOL EXPANSION AND DISTRICT OFFICE RENOVATION

145 N. CHERRY ST.
MOUNT GILEAD, OH 43338

PREPARED FOR:
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SCHOOL DISTRICT



CDA COMMUNITY
DESIGN ALLIANCE

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ADDENDUM 01 - 07/20/2026

COMM. NO.: 2604

A4.4



TONY R. SCHORR, LICENSE #8879
EXPIRATION DATE 12/31/2027
SIGNED: [Signature] DATE: 07/02/2026

PAINT	
IPS-1	MFR: SHERWIN WILLIAMS COLOR: SW 7011 NATURAL CHOICE LOCATION: GENERAL WALL PAINT
IPS-2	MFR: SHERWIN WILLIAMS COLOR: SW 7016 MINDFUL GRAY LOCATION: ACCENT/TRIM COLOR
IPS-3	MFR: SHERWIN WILLIAMS COLOR: SW 6551 PURPLE PASSAGE LOCATION: ACCENT COLOR
IPS-4	MFR: SHERWIN WILLIAMS COLOR: SW 9066 AGAPANTHUS LOCATION: ACCENT COLOR
IPS-5	MFR: SHERWIN WILLIAMS COLOR: SW 9061 REST ASSURED LOCATION: ACCENT COLOR
IPS-6	MFR: SHERWIN WILLIAMS COLOR: SW 9052 BLITHE BLUE LOCATION: ACCENT COLOR
IPS-7	MFR: SHERWIN WILLIAMS COLOR: SW 7007 CEILING BRIGHT WHITE FINISH: FLAT LOCATION: CEILING PAINT COLOR

RUBBER BASE	
RB-1	MFR: JOHNSONITE STYLE: BASEWORKS COLOR: VL4 COOL METAL C6 SIZE: 4"H
CARPET TILE	
CPT-1	MFR: PATCRAFT STYLE: LEARNING LAB 10661 COLOR: DISCUSSION 00745 SIZE: 24" X 24" BACKING: NON-WOVEN SYNTHETIC / ECONORX TILE INSTALL: ASHLAR / PATTERN BY TILE

RESINOUS FLOORING	
RES-1	MFR: KEY RESIN STYLE: B-125 COLOR: FOG BASE: 4"H
WALL TILE	
TW-1	MFR: DALTILE STYLE: COLOR WHEEL CLASSIC COLOR: WHITE 0100 MATTE SIZE: 6X18 GROUT:

LUXURY VINYL TILE	
LVT-1	MFR: PATCRAFT STYLE: PAINT PALETTE COLOR: CANVAS-V2 00110 SIZE: 12" X 24" INSTALL: ASHLAR / PATTERN BY TILE
LVT-2	MFR: PATCRAFT STYLE: PAINT PALETTE COLOR: GESSO-V2 00510 SIZE: 12" X 24" INSTALL: ASHLAR / PATTERN BY TILE
LVT-3	MFR: PATCRAFT STYLE: PAINT PALETTE COLOR: CHARCOAL-V2 00560 SIZE: 12" X 24" INSTALL: ASHLAR / PATTERN BY TILE
LVT-4	MFR: PATCRAFT STYLE: PAINT PALETTE COLOR: AUBERGINE-V2 00940 SIZE: 12" X 24" INSTALL: ASHLAR / PATTERN BY TILE
LVT-5	MFR: PATCRAFT STYLE: PAINT PALETTE COLOR: CERULEAN-V2 00420 SIZE: 12" X 24" INSTALL: ASHLAR / PATTERN BY TILE
LVT-6	MFR: PATCRAFT STYLE: PAINT PALETTE COLOR: VERDIGRIS-V2 00360 SIZE: 12" X 24" INSTALL: ASHLAR / PATTERN BY TILE
LVT-7	MFR: PATCRAFT STYLE: PAINT PALETTE COLOR: COBALT-V2 00460 SIZE: 12" X 24" INSTALL: ASHLAR / PATTERN BY TILE
LVT-8	MFR: PATCRAFT STYLE: TREELINE COLOR: GINGER-V2 00146 SIZE: 12" X 48" INSTALL: ASHLAR / PATTERN BY TILE

ACOUSTIC CEILING TILE	
ACT-1	MFR: ARMSTRONG STYLE: SCHOOL ZONE FINE FISSURED COLOR: WHITE SIZE: 24" X 48"; 15/16" SQUARE LAY-IN NRC: 0.70 / 40 CAC LOCATION: CLASSROOMS
ACT-2	MFR: ARMSTRONG STYLE: ULTIMA LAY-IN COLOR: WHITE SIZE: 24" X 24"; 15/16" SQUARE LAY-IN NRC: 0.75 NRC / 35 CAC LOCATION: CORRIDOR, OFFICES, & RESTROOMS

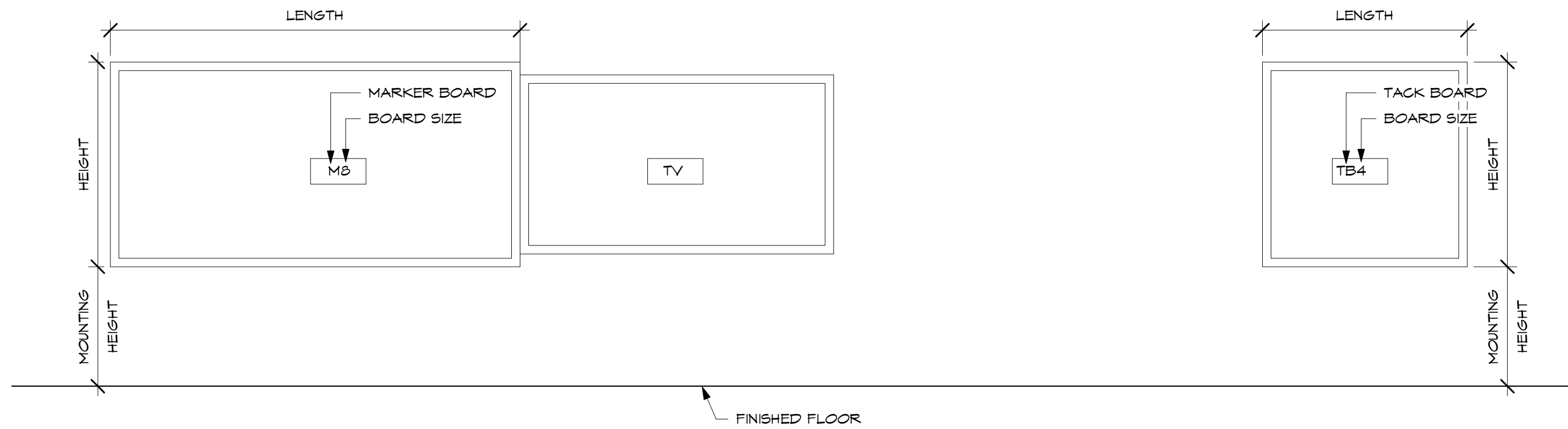
SEALED CONCRETE	
SC-1	FINISH: SEALED CONCRETE

SOLID SURFACE	
SS-1	MFR: WILSONART COLOR: MORNING ICE 9204CE

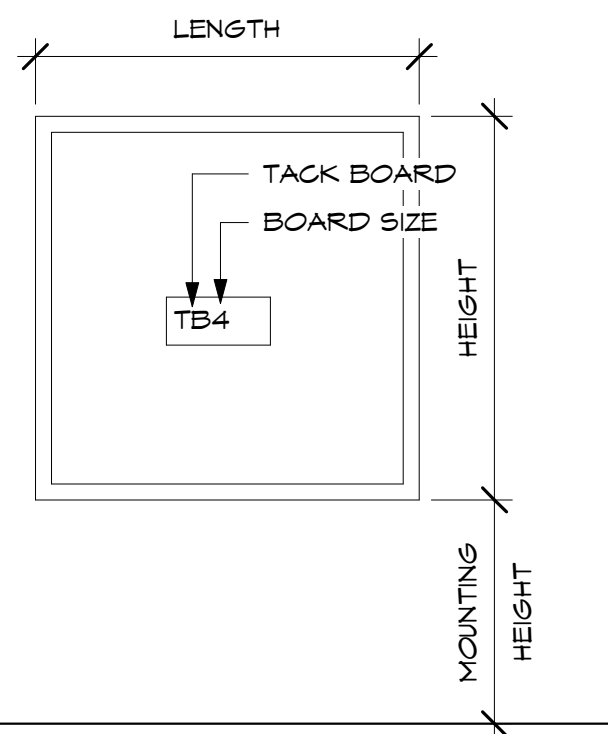
PLASTIC LAMINATE	
PL-1	MFR: WILSONART COLOR: PHANTOM COCOA 8213K-28 FINISH: GLOSS LINE FINISH
PL-2	MFR: FORMICA COLOR: PALOMA POLAR 6698A-58 FINISH: 60 MATTE FINISH

MANUFACTURER REPRESENTATIVE	
MFR:	WILSONART
REP:	DONNA ARIAPAD
EMAIL:	donnaariapad@flagginc.com
PHONE:	513.295.0380
MFR:	FORMICA
REP:	JENNIFER HORNER
EMAIL:	jennifer.horner@formica.com
PHONE:	614.264.7168
MFR:	PATCRAFT
REP:	KOLBE BRUCE
EMAIL:	kolbe.bruce@patcraft.com
PHONE:	513.330.4716
MFR:	TARKETT/JOHNSONITE
REP:	LAURIE BAATZ
EMAIL:	laurie.baatz@tarkett.com
PHONE:	330.810.4731
MFR:	ARMSTRONG CEILINGS
REP:	JEN MCCOY
EMAIL:	JMMcCoy@armstrongceilings.com
PHONE:	513.919.2263

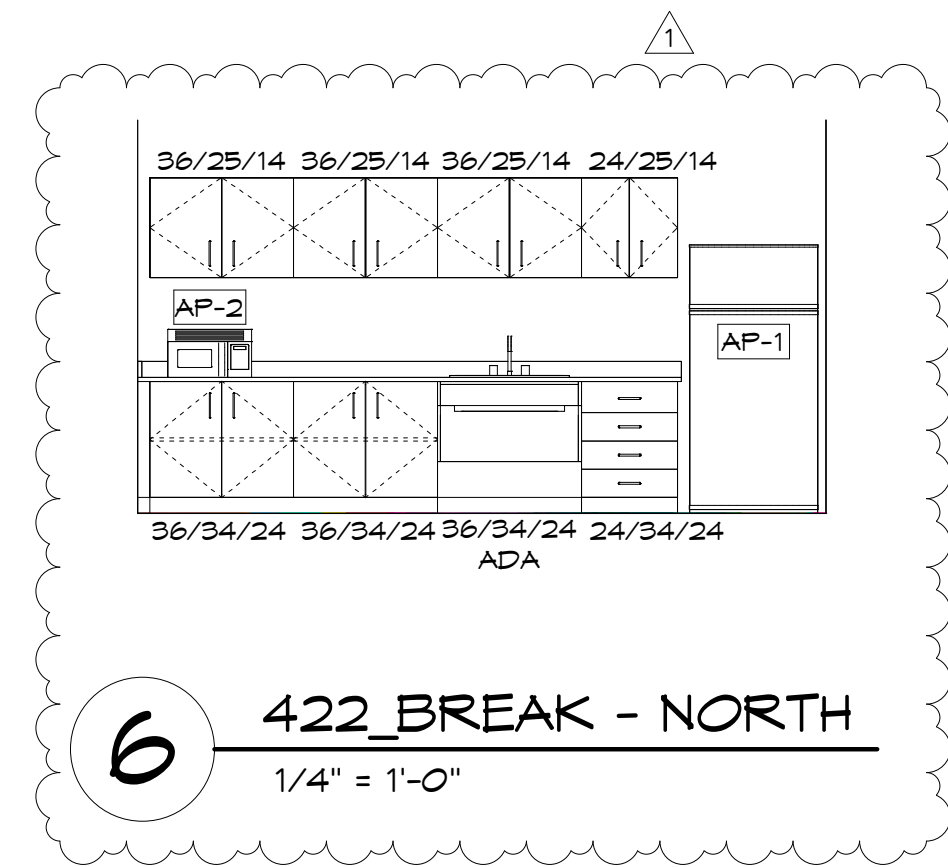
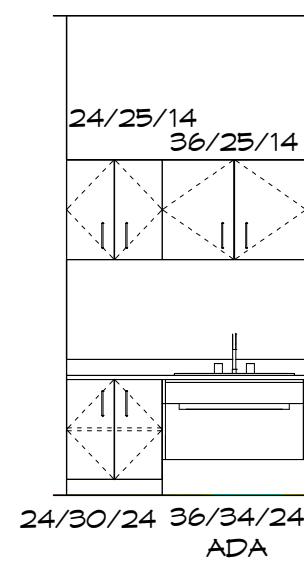
- GENERAL VISUAL DISPLAY BOARD NOTES:
- SEE SPECIFICATION SECTION 101100 FOR ACCESSORIES TO BE PROVIDED WITH EACH DISPLAY BOARD UNIT
 - SEE EQUIPMENT PLANS FOR LOCATING DISPLAY BOARDS. INSTALLATION OF DISPLAY BOARDS MUST BE COORDINATED WITH DISPLAY MONITORS.
 - DO NOT INSTALL DISPLAY BOARD IN THE ADMINISTRATIVE SUITE OR THE MEDIA CENTER UNTIL THE FURNITURE HAS BEEN INSTALLED.



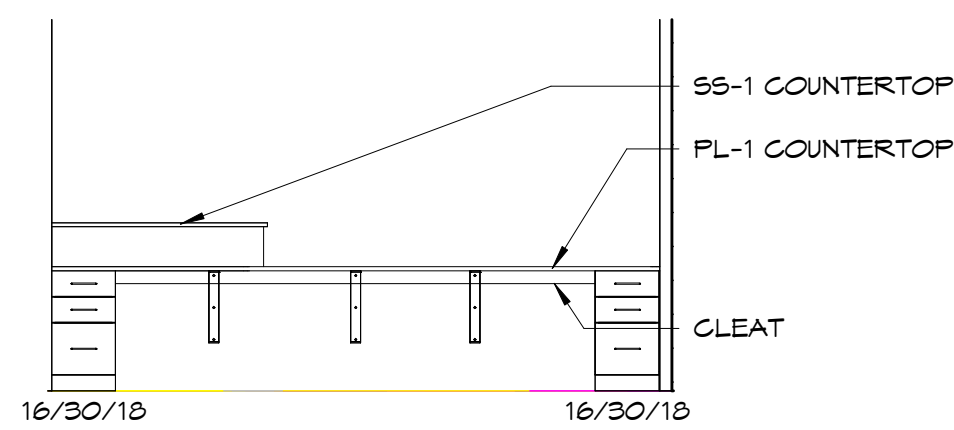
8 DETAIL_VISUAL DISPLAY BOARD
1/2" = 1'-0"



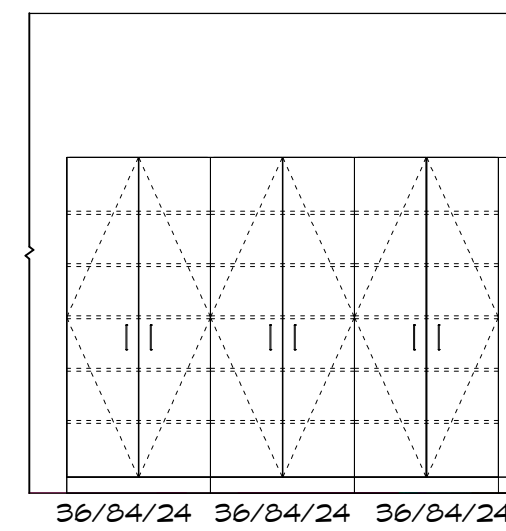
7 408_COMMONS PLAY - NORTH
1/4" = 1'-0"



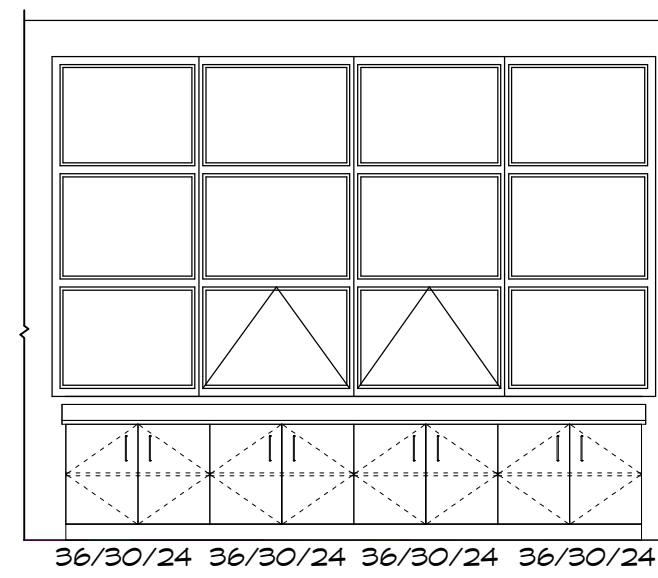
6 422_BREAK - NORTH
1/4" = 1'-0"



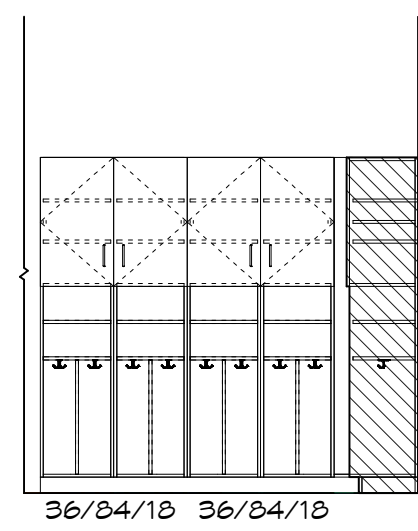
5 416_RECEIPTION - WEST
1/4" = 1'-0"



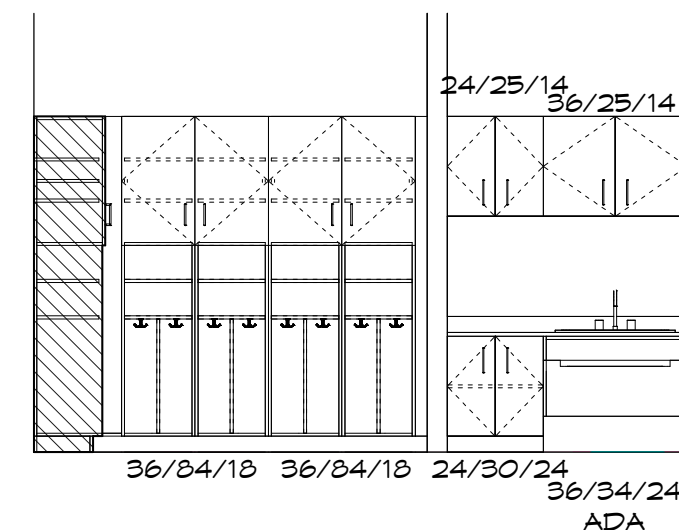
4 416_RECEIPTION - EAST
1/4" = 1'-0"



3 TYPICAL CLASSROOM
1/4" = 1'-0"



2 TYPICAL CLASSROOM
1/4" = 1'-0"



1 TYPICAL CLASSROOM
1/4" = 1'-0"

INTERIOR FINISH SPECIFICATIONS

PRESCHOOL EXPANSION AND DISTRICT OFFICE RENOVATION

145 N. CHERRY ST.
MOUNT GILEAD, OH 43338

PREPARED FOR:
MOUNT GILEAD EXEMPTED VILLAGE
SCHOOL DISTRICT

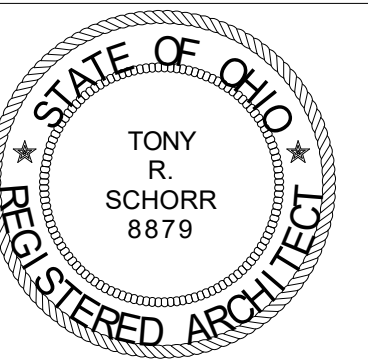
schorr architects inc.

CDA COMMUNITY DESIGN ALLIANCE

BID/PERMIT - 07/02/2026

ADDENDUM 01 - 07/20/2026

COMM. NO.: 2604



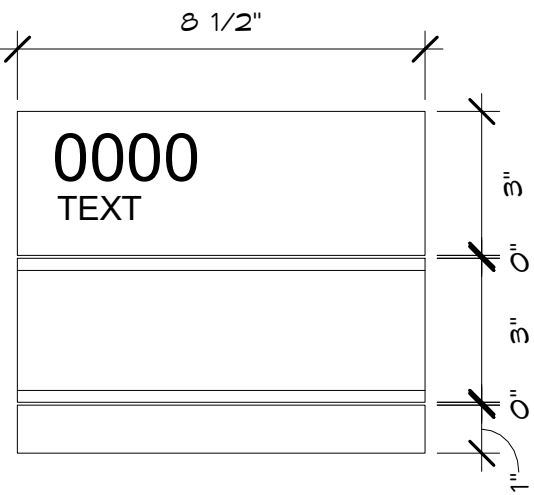
A4.5

TONY R. SCHORR, LICENSE #8879
EXPIRATION DATE 12/31/2027
DATE 07/02/2026

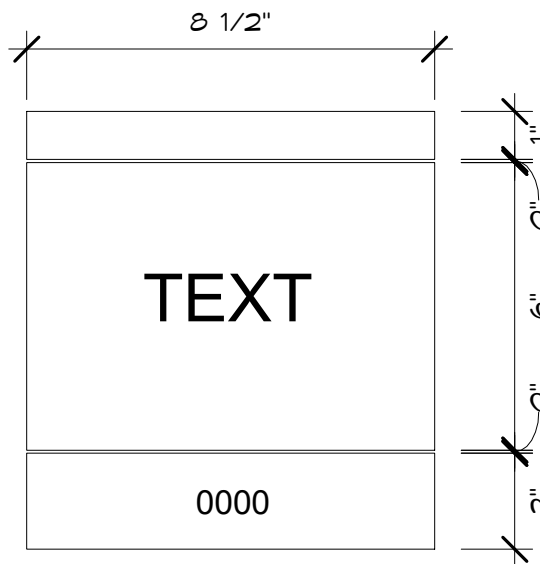
SIGNAGE TYPES

BASIS OF DESIGN: APCO ELEVATE FRAMELESS MODULAR SIGN SYSTEM

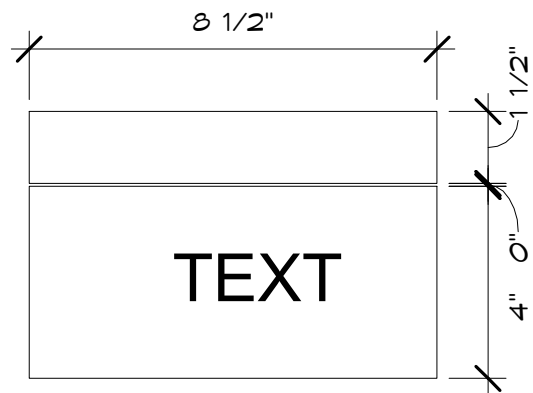
A ROOM NUMBER & NAME INSERT
RAISED, 5/8" HIGH TEXT WITH BRAILLE 3" NAME INSERT WINDOW SLOT



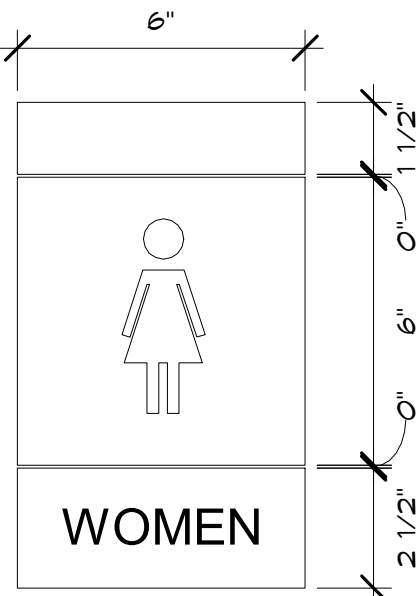
B ROOM NUMBER & NAME
RAISED, 5/8" HIGH TEXT WITH BRAILLE



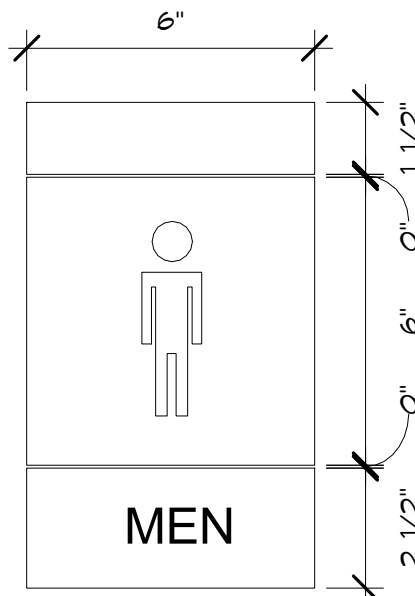
C ROOM NAME
RAISED, 5/8" HIGH TEXT WITH BRAILLE



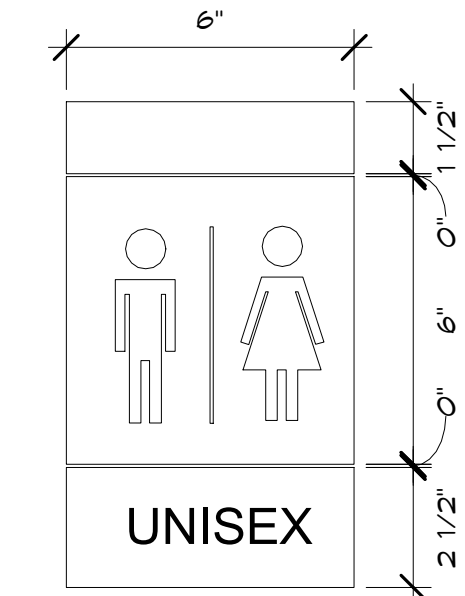
E1 WOMEN'S RESTROOM
RAISED, 5/8" HIGH TEXT & GRAPHICS WITH BRAILLE



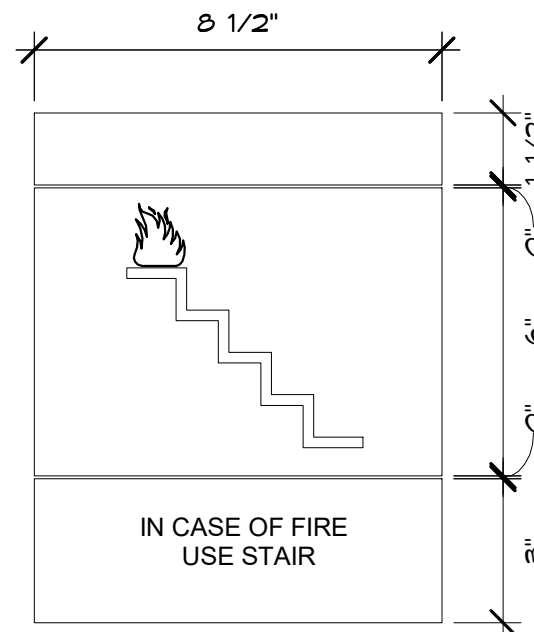
F1 MEN'S RESTROOM
RAISED, 5/8" HIGH TEXT & GRAPHICS WITH BRAILLE



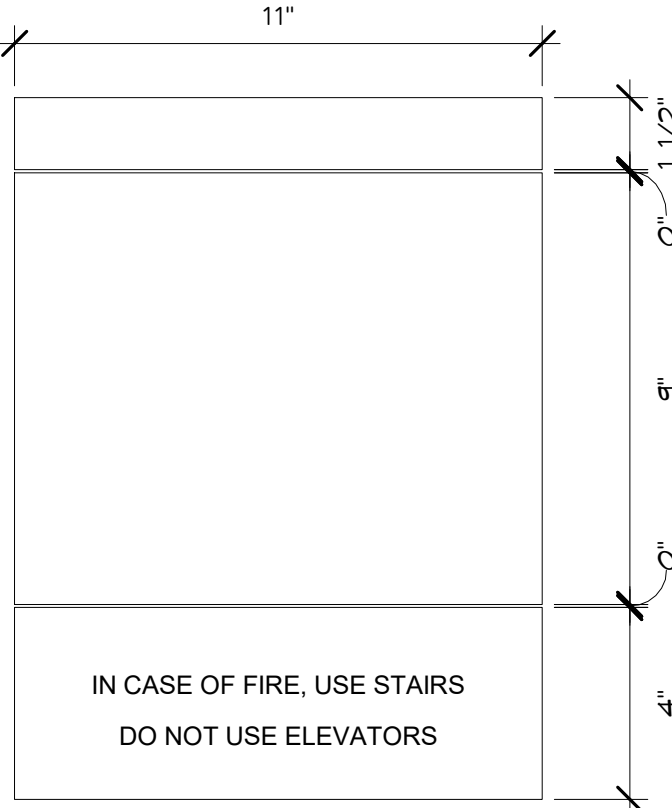
F2 UNISEX RESTROOM
RAISED, 5/8" HIGH TEXT & GRAPHICS WITH BRAILLE



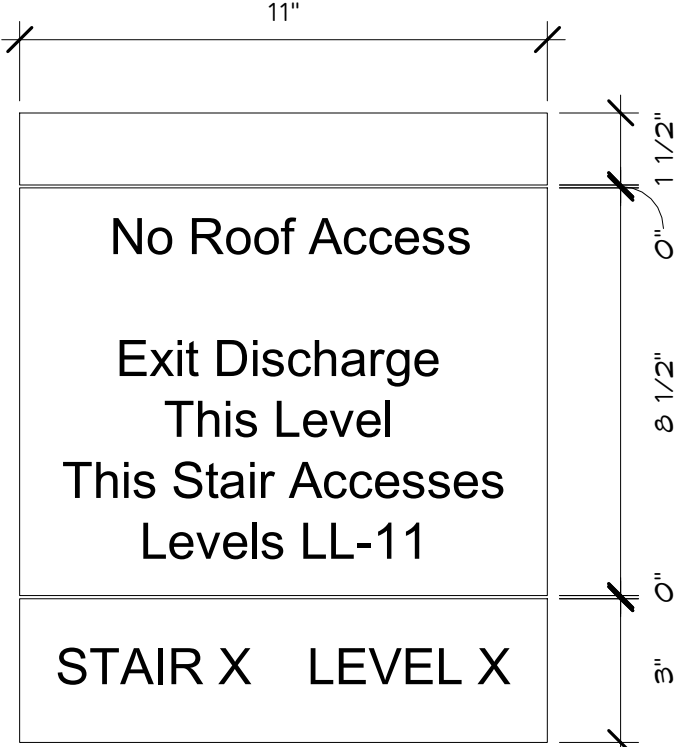
G IN CASE OF FIRE...
RAISED, 5/8" HIGH TEXT WITH BRAILLE



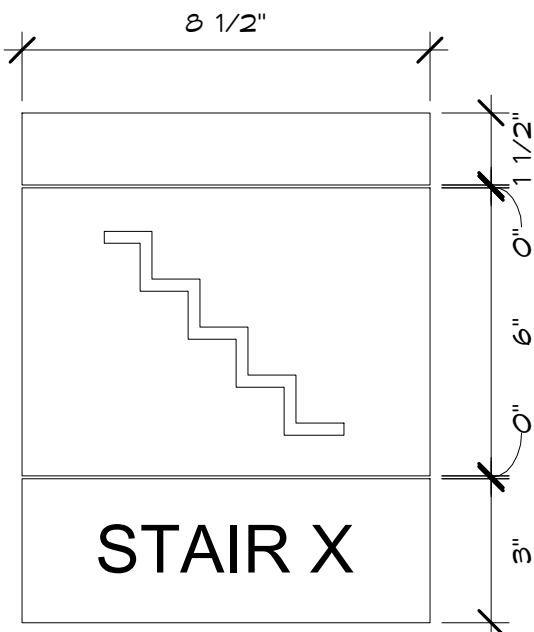
K EVACUATION
RAISED, 5/8" HIGH TEXT WITH BRAILLE



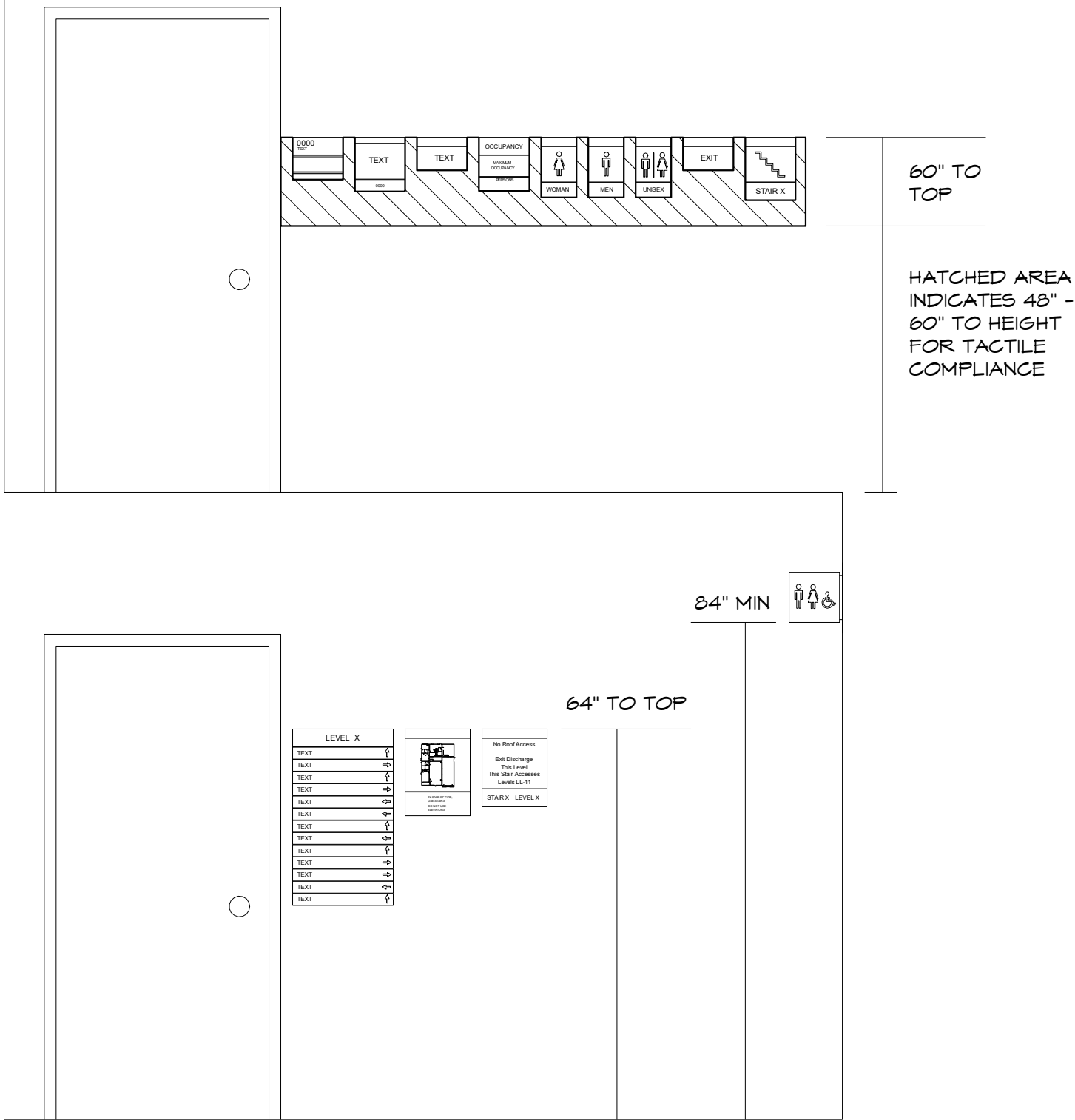
L FLOOR IDENTIFICATION
RAISED, 5/8" HIGH TEXT WITH BRAILLE



M STAIR IDENTIFICATION
RAISED, 5/8" HIGH TEXT & GRAPHICS WITH BRAILLE



MOUNTING HEIGHTS



DIMENSIONAL LETTERS

WELCOME TO MOUNT GILEAD PRESCHOOL

1 "welcome to"
"MOUNT GILEAD PRESCHOOL"
FONT: TBD
FONT HEIGHT: 5"
3/4" THICK, ACRYLIC IPS-3
QTY: 1

INTERIOR SIGNAGE DETAILS

PRESCHOOL EXPANSION AND DISTRICT OFFICE RENOVATION

145 N. CHERRY ST.
MOUNT GILEAD, OH 43338

PREPARED FOR:
MOUNT GILEAD EXEMPTED VILLAGE
SCHOOL DISTRICT

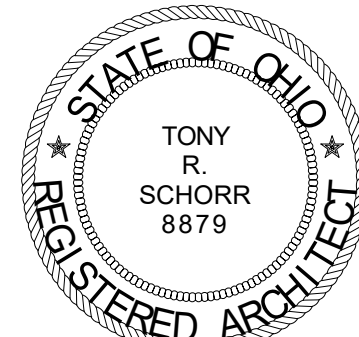


BID/PERMIT - 07/02/2026

ADDENDUM 01 - 07/20/2026

COMM. NO.: 2604

A4.6



TONY R. SCHORR, LICENSE #8879
EXPIRATION DATE 12/31/2027
SIGNED: [Signature] DATE: 07/02/2026

010000 - GENERAL STRUCTURAL NOTES

- THE GENERAL STRUCTURAL NOTES ARE INTENDED TO AUGMENT THE DRAWINGS. SHOULD CONFLICTS EXIST BETWEEN THE DRAWINGS AND THE GENERAL STRUCTURAL NOTES, THE STRICTEST PROVISION SHALL GOVERN.
- GOVERNING CODE: OHIO BUILDING CODE - 2024 EDITION
- SEE STRUCTURAL PLANS FOR DESIGN SOIL BEARING PRESSURE AND LIVE LOADS. LIVE LOADS REDUCED IN ACCORDANCE WITH THE GOVERNING CODE, IF APPLICABLE.
- ROOF SNOW LOAD: - 20.0 PSF
GROUND SNOW LOAD (Pg) - 1.0
SNOW EXPOSURE FACTOR (Ce) - 1.0
IMPORTANCE FACTOR (Is) - 1.1
THERMAL FACTOR (Ct) - 1.0
FLAT ROOF SNOW LOAD (Pf) - 15.4 PSF
UNIFORM ROOF DESIGN SNOW LOAD - 22.0 PSF
- WIND LOAD: - 115 MPH
BASIC WIND SPEED - 89 MPH
ALLOWABLE WIND SPEED - III
RISK CATEGORY - EXPOSURE C
EXPOSURE CATEGORY - ±0.18
INTERNAL PRESSURE COEFFICIENT (G Cpi)
COMPONENTS AND CLADDING - SEE TABLE BELOW
- SEISMIC LOAD: - III
RISK CATEGORY - 1.25
IMPORTANCE FACTOR (Ie) - 0.120
MAPPED SPECTRAL RESPONSE ACCELERATION AT SHORT PERIOD (Ss) - 0.060
MAPPED SPECTRAL RESPONSE ACCELERATION AT ONE-SECOND PERIOD (S1) - D
SITE CLASS - D
SPECTRAL RESPONSE PARAMETER AT SHORT PERIOD (SDs) - 0.128
SPECTRAL RESPONSE PARAMETER AT ONE-SECOND PERIOD (SD1) - 0.090
SEISMIC DESIGN CATEGORY - B
DESIGN BASE SHEAR - N/A
SEISMIC RESPONSE COEFFICIENT (Cs) - 0.080
BASIC SEISMIC FORCE RESISTING SYSTEM:
A9- ORDINARY REINFORCED MASONRY SHEAR WALLS (R=2, Q=2 1/2, Cd=1 3/4)
DESIGN BY EQUIVALENT LATERAL FORCE PROCEDURE.
- MECHANICAL FRAMING LOADS, OPENINGS, AND STRUCTURE IN ANY WAY RELATED TO MECHANICAL REQUIREMENTS ARE SHOWN FOR BIDDING PURPOSES ONLY. CONTRACTOR SHALL OBTAIN APPROVAL OF MECHANICAL AND OTHER TRADES BEFORE PROCEEDING WITH SUCH PORTION OF THE WORK. EXCESS COST RELATED TO VARIATION IN MECHANICAL REQUIREMENTS TO BE BORNE BY MECHANICAL CONTRACTOR. COORDINATE SIZE AND LOCATION OF ALL OPENINGS WITH THE MECHANICAL DRAWINGS.
- IF EQUIPMENT SHIPPING OR OPERATING WEIGHT EXCEEDS VALUE SHOWN ON THESE DRAWINGS, DO NOT PLACE EQUIPMENT. NOTIFY STRUCTURAL ENGINEER AND ARCHITECT.
- THE STRUCTURE IS DESIGNED TO BE SELF-SUPPORTING AND STABLE AFTER THE BUILDING IS FULLY COMPLETED. IT IS SOLELY THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE DEMOLITION PROCEDURES, ERECTION PROCEDURES AND SEQUENCES AND TO ENSURE THE SAFETY OF THE BUILDING AND ITS COMPONENT PARTS DURING ERECTION. THIS INCLUDES THE ADDITION OF WHATEVER TEMPORARY BRACING, GUYS, OR TIE-DOWNS WHICH MIGHT BE NECESSARY. SUCH MATERIAL SHALL REMAIN THE CONTRACTOR'S PROPERTY AFTER COMPLETION OF THE PROJECT.
- IT IS SOLELY THE CONTRACTOR'S RESPONSIBILITY TO FOLLOW ALL APPLICABLE SAFETY CODES AND REGULATIONS DURING ALL PHASES OF CONSTRUCTION.
- THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL DIMENSIONS AND CONDITIONS RELATING TO EXISTING CONSTRUCTION AND EXISTING SERVICE ON THE SITE.
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND LOCATIONS OF COLUMNS, WALLS, OPENINGS ETC., WITH THE ARCHITECTURAL DRAWINGS PRIOR TO PROCEEDING WITH THE WORK. DO NOT SCALE THESE DRAWINGS. USE DIMENSIONS. CONTRACTOR SHALL NOTIFY ENGINEER OF ANY DISCREPANCIES BETWEEN STRUCTURAL DRAWINGS AND DRAWINGS OF ANY OTHER DISCIPLINE.
- CONSTRUCTION LOADS SHALL NOT EXCEED THE DESIGN CAPACITY OF THE FRAMING. THE CONTRACTOR IS RESPONSIBLE FOR LIMITING THE AMOUNT OF CONSTRUCTION DEAD LOAD APPLIED TO THE STRUCTURAL FRAMING.
- THE ERECTION AND CONSTRUCTION SEQUENCES SHALL BE DEVELOPED BY THE CONTRACTOR TO ACCOUNT FOR THE EFFECTS OF THERMAL MOVEMENTS TO THE STRUCTURE.
- DO NOT MODIFY, ALTER OR REPAIR ANY STRUCTURAL MEMBER WITHOUT PRIOR WRITTEN APPROVAL OF THE STRUCTURAL ENGINEER.
- SHOP DRAWINGS SHALL BE REVIEWED AND STAMPED BY CONTRACTOR PRIOR TO SUBMISSION TO STRUCTURAL ENGINEER.
- DEFERRED SUBMITTALS: THE FOLLOWING COMPONENTS SHALL BE DESIGNED BY A PROFESSIONAL ENGINEER HIRED BY THE CONTRACTOR, LICENSED IN THE STATE OF THE PROJECT. DESIGN INFORMATION SHALL BE SIGNED AND SEALED BY THE PROFESSIONAL ENGINEER. SEE CONTRACT DOCUMENTS FOR DESIGN LOADS AND OTHER DESIGN CRITERIA.
 - STEEL CONNECTIONS NOT SPECIFICALLY AND FULLY DETAILED ON THE STRUCTURAL DRAWINGS.
 - ERECTION PROCEDURES AND SEQUENCES.
 - SHORING.
- SEE SHEET 50.03 FOR SPECIAL INSPECTIONS.

COMPONENTS AND CLADDING			
WIND SPEED, V=115 MPH EXPOSURE CATEGORY C HEIGHT, H, VARIES. SEE VALUES BELOW (ENCLOSED BUILDING; H=60FT) PARAPET HT = 3'-0"			
ROOF (HEIGHT, H = 33.0 FT)			
SURFACE PRESSURE (PSF)			
AREA	10 sf	50 sf	100 sf
NEGATIVE ZONE 1	-54.2	-45.9	-42.3
NEGATIVE ZONE 1'	-31.1	-31.1	-31.1
NEGATIVE ZONE 2	-71.5	-60.8	-56.2
NEGATIVE ZONE 3	-97.5	-76.1	-66.9
POSITIVE ALL ZONES	16.0	16.0	16.0
OVERHANG ZONE 1 & 1'	-49.0	-47.0	-46.1
OVERHANG ZONE 2	-66.3	-52.1	-46.0
OVERHANG ZONE 3	-92.3	-67.4	-56.6
PARAPET (HEIGHT, H = 33.0 FT)			
SURFACE PRESSURE (PSF)			
SOLID PARAPET PRESSURE	10 sf	100 sf	500 sf
CASE A: ZONE 2:	92.3	72.4	58.5
ZONE 3:	118.2	83.1	58.5
CASE B: INTERIOR ZONE:	-54.5	-45.3	-38.9
CORNER ZONE:	-62.3	-48.5	-38.9
CASE A = PRESSURE TOWARDS BUILDING (POS) CASE B = PRESSURE AWAY FROM BUILDING (NEG)			
WALLS (HEIGHT, H = 33.0 FT)			
SURFACE PRESSURE (PSF)			
WALL AREA	10 sf	100 sf	500 sf
NEGATIVE ZONE 4	-33.7	-29.2	-26.0
NEGATIVE ZONE 5	-41.5	-32.4	-26.0
POSITIVE ZONES 4 & 5	31.1	26.6	23.4
NOTES: 1. SEE ASCE 7-16 FOR ZONE DEFINITIONS. 2. ALL WIND PRESSURES ARE ULTIMATE LOADS.			

033000 - CAST-IN-PLACE CONCRETE

- SPECIFICATIONS AND STANDARDS:
CONCRETE WORK, DETAILING, FABRICATION AND PLACING OF BARS AND CONCRETE SHALL BE GOVERNED BY THE APPLICABLE VERSION OF:
 - ACI 301, ACI 315, AND ACI 318.
 - CRSI RECOMMENDED PRACTICE FOR PLACING REINFORCING BARS.
 - ACI 306 AND ACI 308 FOR COLD AND HOT WEATHER CONCRETING, RESPECTIVELY. THE CONTRACTOR SHALL AT ALL TIMES HAVE A COPY OF THE RELEVANT SPECIFICATIONS QUOTED ABOVE ON THE SITE AND THE SUPERVISORY PERSONNEL SHALL BE THOROUGHLY FAMILIAR WITH THE CONTENTS THEREOF.
- CONTINGENCIES:
 - LEAN CONCRETE UNDER FOUNDATIONS FOR EARTH FILL DUE TO ACCIDENTAL OVEREXCAVATION OR SOFT SPOTS.
- CONCRETE REQUIREMENTS AND LOCATION IN JOB:

CLASS	LOCATION	f'c	MAX W/C RATIO	SPECIAL REQUIREMENTS
1	FOOTINGS	3000PSI		
2	WALLS, UNDERPINNING	3000 PSI	0.55	
3	EXTERIOR CONCRETE	4500 PSI	0.45	6% +/- 1.5% AIR CONTENT
4	INTERIOR SLAB-ON-GRADE	3500 PSI	0.50	3% MAX AIR CONTENT
5	LEAN CONCRETE	1500 PSI		NO TESTS, SOFT SOIL REPLACE
6	FLOWABLE FILL	85 PSI		NO TESTS, UTILITY BACKFILL UNDER FOOTINGS

SUBMIT CONCRETE MIXES FOR APPROVAL IN ACCORDANCE WITH ACI 301 BEFORE PLACING ANY CONCRETE. ALL MIXES SHALL INCLUDE EITHER ASTM C150 PORTLAND CEMENT OR ASTM C595 PORTLAND-LESTONEST CEMENT AND ALL AGGREGATE SHALL CONFORM TO ASTM C33. CONCRETE TESTING PER ACI 318 SECTION 26.12
- REINFORCING REQUIREMENTS:
 - BARS: ASTM A615, GRADE 60.
 - WELDED WIRE REINFORCING: ASTM A1064.
 - SMOOTH BARS: ASTM A36.
- POST-INSTALLED SCREW ANCHORS:
 - THE ENTIRE ANCHOR SHALL BE CARBON STEEL WITH ZINC PLATING EQUIVALENT TO DIN EN ISO 4042 (8um MINIMUM). (INTERIOR USE ONLY)
 - THE ENTIRE ANCHOR SYSTEM SHALL BE EVALUATED TO COMPLY WITH THE APPLICABLE VERSION OF IBC AND BE CERTIFIED BY AN ICC-ES EVALUATION REPORT. THE ANCHOR SYSTEM SHALL MEET THE REQUIREMENTS OF ACI 355.2, EVALUATED FOR USE IN CRACKED CONCRETE.
 - PRE-DRILL HOLES WITH STANDARD AISI DRILL BIT PER THE MANUFACTURER'S INSTALLATION GUIDELINES. INSTALL THE ANCHOR WITH AN IMPACT WRENCH.
 - PROVIDE ANCHORS WITH A DIAMETER AND LENGTH MARKING ON THE HEAD AS INDICATED ON THE DRAWINGS.
 - SUBJECT TO COMPLIANCE REQUIREMENTS, PROVIDE THE PRODUCT INDICATED ON DRAWINGS OR COMPARABLE PRODUCT CAPABLE OF RESISTING LOADS EQUIVALENT TO THE BASIS OF DESIGN PRODUCT WHEN USED WITH THE SAME EMBEDMENT, ORIENTATION, EDGE DISTANCE, AND SPACING. SUBMIT PROPOSED SUBSTITUTION FOR APPROVAL WITH ACCOMPANYING ICC-ES REPORT.
- POST INSTALLED ADHESIVE ANCHORS:
 - THE ENTIRE ANCHOR SHALL BE ASTM F1554 GR 36. ANCHORS SHALL BE HOT DIP GALVANIZED IF EXPOSED TO EXTERIOR CONDITIONS.
 - THE ENTIRE ANCHOR SYSTEM SHALL BE EVALUATED TO COMPLY WITH THE APPLICABLE VERSION OF IBC AND BE CERTIFIED BY AN ICC-ES EVALUATION REPORT. THE ANCHOR SYSTEM SHALL MEET THE REQUIREMENTS OF ACI 355.4, EVALUATED FOR USE IN CRACKED CONCRETE.
 - THE FOLLOWING PARAMETERS HAVE BEEN USED IN THE DESIGN:
 - MINIMUM AGE OF CONCRETE: 21 DAYS.
 - CONCRETE TEMPERATURE RANGE: VERIFY ALLOWABLE BASE TEMPERATURE WITH MANUFACTURER.
 - MOISTURE CONDITION AT THE TIME OF INSTALLATION: DRY (IF WATER SATURATED, PRODUCT DATA SHALL BE PROVIDED THAT INDICATES ANCHOR DOES NOT HAVE REDUCED CAPACITY COMPARED TO A DRY HOLE).
 - HOLE DRILLING AND PREP: ROTARY HAMMER DRILL WITH HOLE CLEANING PER MANUFACTURER INSTRUCTIONS.
 - INSTALLATION OF ADHESIVE ANCHORS HORIZONTALLY OR UPWARDLY INCLINED SHALL BE PERFORMED BY PERSONNEL CERTIFIED BY AN APPLICABLE CERTIFICATION PROGRAM. CERTIFICATION SHALL INCLUDE WRITTEN AND PERFORMANCE TESTS IN ACCORDANCE WITH ACI/CRSI ADHESIVE ANCHOR INSTALLER CERTIFICATION PROGRAM, OR EQUIVALENT.
 - SUBJECT TO COMPLIANCE REQUIREMENTS, PROVIDE THE PRODUCT INDICATED ON DRAWINGS OR COMPARABLE PRODUCT CAPABLE OF RESISTING LOADS EQUIVALENT TO THE BASIS OF DESIGN PRODUCT WHEN USED WITH THE SAME EMBEDMENT, ORIENTATION, EDGE DISTANCE, AND SPACING. SUBMIT PROPOSED SUBSTITUTION FOR APPROVAL WITH ACCOMPANYING ICC-ES REPORT.
- FOOTINGS:
 - DOWELS IN FOOTINGS TO MATCH VERTICAL REINFORCING IN CONCRETE WALLS, COLUMNS AND PIERS. DOWELS IN FOOTINGS FOR MASONRY WALLS ARE NOT REQUIRED UNLESS SPECIFICALLY SHOWN ON THE STRUCTURAL DETAILS.
 - BEND ALL BARS 24 DIAMETERS AROUND CORNERS OF FOOTINGS. BARS AT THE INSIDE FACE OF THE CORNER SHALL BE CONTINUED ACROSS TO THE OUTSIDE AND THEN BENT.
- WALLS:
 - PROVIDE (2) #5 BARS CONTINUOUS ON EACH SIDE OF WALL OPENINGS, EXTENDING 2 FEET BEYOND EACH CORNER.
 - CLASS B TENSION LAP SPLICES FOR HORIZONTAL AND VERTICAL WALL REINFORCING UNLESS NOTED.
 - STAGGER SPLICES IN WALLS SO THAT NO MORE THAN 1/3 OF THE REINFORCING IS SPLICED IN ANY GIVEN CROSS-SECTION. STAGGER SPLICES 40 DIAMETERS.
 - USE WATERSTOPS AT ALL BASEMENT WALL HORIZONTAL AND VERTICAL JOINTS.
 - PROVIDE CORNER BARS AT WALL CORNERS TO MATCH HORIZONTAL WALL REINFORCING. EXTEND INSIDE FACE BARS TO OUTSIDE FACE AND HOOK.
- SPLICES:
 - TENSION SPLICES, WHEN PERMITTED - LAP IN ACCORDANCE WITH THE ACI CODE AND THE TABLE SHOWN BELOW.

LAP SPLICE SCHEDULE:					
BAR SIZE	LAP CLASS	TOP BAR (f'c<=4000 PSI)	TOP BAR (f'c<=4000 PSI)	OTHER BAR (f'c<=4000 PSI)	OTHER BAR (f'c<=4000 PSI)
#3	A	22"	19"	17"	15"
	B	24"	22"	19"	17"
#4	A	29"	25"	22"	19"
	B	37"	32"	29"	25"
#5	A	36"	31"	28"	24"
	B	47"	40"	36"	31"
#6	A	43"	37"	33"	29"
	B	56"	48"	43"	37"
#7	A	62"	54"	48"	42"
	B	81"	70"	62"	54"
#8	A	71"	62"	55"	47"
	B	93"	80"	71"	62"
#9	A	80"	70"	62"	54"
	B	104"	91"	80"	70"
#10	A	91"	78"	70"	60"
	B	118"	102"	91"	78"
#11	A	100"	87"	77"	67"
	B	130"	113"	100"	87"

- NOTES:
a. TOP BARS ARE DEFINED AS HORIZONTAL BARS WITH MORE THAN 12" OF FRESH CONCRETE BELOW THEM.
b. ALL LAP SPLICES SHALL BE CLASS B UNLESS OTHERWISE NOTED.
c. VALUES ARE NORMAL WEIGHT CONCRETE NON-EPOXY COATED BARS.
- LAP WELDED WIRE REINFORCING 1 SPACE + 2" AT ALL EDGES AND ENDS OF SHEETS.
- CONCRETE NOT EXPOSED TO WEATHER OR SOIL:
#6 THROUGH #11 BARS = 2"
#5 BARS AND SMALLER = 1 1/2"
- CONCRETE EXPOSED TO SOIL AND WEATHER:
#6 THROUGH #11 BARS = 2"
#5 BARS AND SMALLER = 1 1/2"
- CONCRETE NOT EXPOSED TO WEATHER OR SOIL:
SLABS AND WALLS = 3/4"
BEAMS AND COLUMNS = 1 1/2"
- MISCELLANEOUS:
 - CONSTRUCTION JOINTS PERMITTED ONLY WHERE SHOWN OR AS APPROVED BY THE STRUCTURAL ENGINEER.
 - SUBMIT STEEL REINFORCING SHOP DRAWINGS THAT DETAIL FABRICATION, BENDING AND PLACEMENT TO STRUCTURAL ENGINEER FOR REVIEW PRIOR TO FABRICATION.

042000 CONCRETE UNIT MASONRY

- SPECIFICATIONS AND STANDARDS: DESIGN OF MASONRY SHALL BE GOVERNED BY THE APPLICABLE VERSION OF:
 - TMS 402, TMS 403, AND TMS 404.
 - COMPRESSIVE STRENGTH OF MASONRY (f'm) 2,500 PSI, DETERMINED BY UNIT STRENGTH OR PRISM METHOD.
 - MASONRY MATERIALS:
 - HOLLOW AND SOLID LOAD BEARING CONCRETE MASONRY UNITS: ASTM C90, NORMAL WEIGHT. NET COMPRESSIVE STRENGTH OF CMU = 3,250 PSI.
 - MORTAR: ASTM C270, TYPE S.
 - COARSE MASONRY GROUT: ASTM C476.
 - 28-DAY COMPRESSIVE STRENGTH TO MATCH F'M GIVEN IN ITEM 2.
 - PROVIDE GROUT WITH A SLUMP OF 8-11 INCHES AS MEASURED ACCORDING TO ASTM C143.
 - TESTING - PROVIDE ONE SET OF TESTS FOR EACH 5,000 SF OF WALL WITH A MINIMUM OF ONE TEST PER DAY. TESTS SHALL CONSIST OF EITHER (2) 6"x12" CYLINDERS, (3) 4"x8" CYLINDERS OR A GROUT TEST PER ASTM C1019.
 - MASONRY REINFORCEMENT:
 - HORIZONTAL JOINT REINFORCEMENT: 9 GA DEFORMED WIRE, LADDER TYPE REINFORCEMENT.
 - IN EVERY SECOND BLOCK COURSE: FULL HEIGHT, AND WHERE SHOWN ON DRAWINGS.
 - IN FIRST BED JOINT ABOVE AND BELOW OPENINGS EXTENDING 24" BEYOND OPENING.
 - LAP REINFORCEMENT A FULL WIDTH AT CORNERS AND INTERSECTIONS.
 - VERTICAL REINFORCEMENT: ASTM A615, GRADE 60.
- BEARING POINTS:
 - BEAMS: 3 COURSES x 24" WIDE GROUTED SOLID MASONRY.
 - JOISTS & LINTELS: 2 COURSES x 16" WIDE GROUTED SOLID MASONRY.
- REINFORCED MASONRY:
 - INSTALL REINFORCING BARS IN LOCATIONS SHOWN. SEE TABLE BELOW FOR LAP SPLICE REQUIREMENTS.

CMU LAP SPLICE SCHEDULE (f'm = 2,500 PSI):				
BAR SIZE	8" CMU - CENTERED	12" CMU - CENTERED	8" CMU - EDGE	12" CMU - EDGE
#4	12"	N/A	20"	N/A
#5	18"	12"	31"	31"
#6	34"	21"	57"	57"
#7	46"	29"	78"	78"
#8	71"	44"	117"	117"
#9	N/A	56"	N/A	148"

- NOTES: CENTERED & EDGE REFER TO THE REINFORCING BAR POSITION IN MASONRY WALL. FOR EDGE CONDITIONS, PROVIDE 2" OF COVER FROM EXTERIOR FACE OF CMU TO EDGE OF REINFORCING BAR.
- GROUT BLOCK WITH COARSE MASONRY GROUT VIBRATED IN PLACE TO FILL ALL VOIDS. FOLLOW RECOMMENDATIONS OF CMHA TEK NO. 03-02A.
 - CONTROL JOINTS:
 - REFERENCE 1/52.1
 - SUBMIT SHOP DRAWINGS THAT INCLUDE CONTROL JOINT LOCATIONS TO STRUCTURAL ENGINEER FOR REVIEW PRIOR TO CONSTRUCTION.
 - POST-INSTALLED SCREW ANCHORS: (FOR USE IN GROUT-FILLED CONCRETE MASONRY):
 - THE ENTIRE ANCHOR SHALL BE CARBON STEEL WITH ZINC PLATING EQUIVALENT TO DIN EN ISO 4042 (8um MIN). (INTERIOR USE ONLY)
 - THE ENTIRE ANCHOR SYSTEM SHALL BE EVALUATED TO COMPLY WITH THE APPLICABLE VERSION OF IBC AND BE CERTIFIED BY AN ICC-ES EVALUATION REPORT SHOWING SUITABILITY WITH GROUT-FILLED CONCRETE MASONRY.
 - PRE-DRILL HOLES WITH STANDARD AISI DRILL BIT PER THE MANUFACTURER'S INSTALLATION GUIDELINES. INSTALL THE ANCHOR WITH AN IMPACT WRENCH.
 - PROVIDE ANCHORS WITH A DIAMETER AND LENGTH MARKING ON THE HEAD AS INDICATED ON THE DRAWINGS.
 - SUBJECT TO COMPLIANCE REQUIREMENTS, PROVIDE THE PRODUCT INDICATED ON DRAWINGS OR COMPARABLE PRODUCT CAPABLE OF RESISTING LOADS EQUIVALENT TO THE BASIS OF DESIGN PRODUCT WHEN USED WITH THE SAME EMBEDMENT, ORIENTATION, EDGE DISTANCE, AND SPACING. SUBMIT PROPOSED SUBSTITUTION FOR APPROVAL WITH ACCOMPANYING ICC-ES REPORT.
 - POST-INSTALLED ADHESIVE ANCHORS: (FOR USE IN HOLLOW OR GROUT-FILLED CONCRETE MASONRY)
 - THE ENTIRE ANCHOR SHALL BE ASTM A36.
 - THE ENTIRE ANCHOR SYSTEM SHALL BE EVALUATED TO COMPLY WITH THE APPLICABLE VERSION OF IBC AND BE CERTIFIED BY AN ICC-ES EVALUATION REPORT SHOWING SUITABILITY WITH GROUT-FILLED CONCRETE MASONRY.
 - PLASTIC MESH SCREEN TUBES SHALL BE PROVIDED AT ALL HOLLOW MASONRY APPLICATIONS.
 - SUBJECT TO COMPLIANCE REQUIREMENTS, PROVIDE THE PRODUCT INDICATED ON DRAWINGS OR COMPARABLE PRODUCT CAPABLE OF RESISTING LOADS EQUIVALENT TO THE BASIS OF DESIGN PRODUCT WHEN USED WITH THE SAME EMBEDMENT, ORIENTATION, EDGE DISTANCE, AND SPACING. SUBMIT PROPOSED SUBSTITUTION FOR APPROVAL WITH ACCOMPANYING ICC-ES REPORT.
 - COORDINATE BLOCK-OUTS, REVEALS, OPENINGS AND ALL OTHER BUILT-IN ITEMS WITH ALL CONTRACT DOCUMENTS AND TRADES.

051200 - STRUCTURAL STEEL FRAMING

- SPECIFICATIONS AND STANDARDS: UNLESS SPECIFICALLY SHOWN OTHERWISE, DESIGN, FABRICATION AND ERECTION SHALL BE GOVERNED BY:
 - ANSI/AISC 360 - SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS. ASD
 - AISC 303 - CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES.
 - AWS STANDARD WELDING SYMBOLS.
 - AWS D1.1 STRUCTURAL WELDING CODE - STEEL. WELDING SHALL BE PERFORMED ONLY BY OPERATORS QUALIFIED, BY THE AWS STANDARD QUALIFICATION PROCEDURE, TO PERFORM THE PARTICULAR TYPE OF WORK REQUIRED.
- TESTING:
 - SEE SPECIAL INSPECTIONS.
- MATERIALS:
 - "W" SHAPES: ASTM A992 Fy = 50 KSI, ASTM A572 Fy = 50 KSI.
 - CHANNELS: ASTM A36.
 - ANGLES, PLATES AND BARS: ASTM A36.
 - RECTANGULAR HOLLOW STRUCTURAL SECTIONS: ASTM A500 GR C, Fy = 50 KSI, ASTM A1085, Fy = 50 KSI.
 - WELDING ELECTRODES: AWS A5.1 OR A5.5 SERIES E70.
 - BOLTS: ASTM F3125 GRADE A325, TYPE I, HEAVY-HEX STEEL STRUCTURAL BOLTS.
 - NUTS AND WASHERS: ASTM A563, GRADE DH, HEAVY-HEX CARBON-STEEL NUTS; AND ASTM F436, TYPE 1, HARDENED CARBON-STEEL WASHERS.
 - PAINT AND PROTECTION - NONE EXCEPT AS NOTED BELOW:
 - INTERIOR MEMBERS EXPOSED TO VIEW IN THE FINISHED STRUCTURE - PRIME COAT, TOUCH UP AFTER ERECTION.
 - MEMBERS EXPOSED TO WEATHER IN FINISHED STRUCTURE, SHELF ANGLES AND LINTELS IN EXTERIOR WALLS - GALVANIZED PER ASTM A123 AFTER FABRICATION.
- LINTELS:
 - LINTELS FOR EXTERIOR WALL OPENINGS - HOT DIPPED GALVANIZED.
 - 8" BEARING EACH SIDE OF OPENINGS UNLESS NOTED.
 - UNLESS SHOWN OTHERWISE, PROVIDE 1 ANGLE FOR EACH 4" WALL THICKNESS AS FOLLOWS:

MASONRY OPENING	ANGLE SIZE
3'-6" OR LESS	L3 1/2X3 1/2X1/4
3'-7" TO 5'-0"	L4X3 1/2X1/4 LLV
5'-1" TO 8'-0"	L5X3 1/2X5/16 LLV
8'-1" TO 10'-0"	L6X3 1/2X5/16 LLV
- CONNECTION REQUIREMENTS:
 - CONNECTIONS SHOWN AND DETAILED ON THE DRAWINGS MAY BE REDESIGNED BY THE STRUCTURAL STEEL CONTRACTOR FOR EQUAL FORCES PROVIDED THE SAME ARRANGEMENT OF MEMBERS IS USED AND THE OVERALL SIZE OF THE CONNECTION DOES NOT EXCEED THAT OF THE CONNECTION DETAILED.
 - OBTAIN APPROVAL FROM STRUCTURAL ENGINEER FOR TYPES OF CONNECTIONS BEFORE FABRICATION.
 - ALL BOLTED CONNECTIONS TO BE SHEAR/BEARING TYPE WITH BOLTS IN THE SNUG TIGHT CONDITION UNLESS NOTED OTHERWISE.
- MISCELLANEOUS REQUIREMENTS:
 - STEEL FRAMING INTENDED TO SUPPORT EQUIPMENT OR MECHANICAL/ELECTRICAL/PLUMBING OPENINGS IS SHOWN FOR BIDDING PURPOSES ONLY. CONTRACTOR SHALL COORDINATE SIZES AND LOCATIONS WITH MECHANICAL AND OTHER REQUIREMENTS BEFORE PROCEEDING WITH THE WORK. CONTRACTOR SHALL COORDINATE SIZES AND LOCATIONS OF STEEL ANGLE FRAMES FOR OPENINGS THAT ARE SHOWN ON THE MECHANICAL AND ARCHITECTURAL DRAWINGS.
 - 1/4" THICK SETTING PLATES FOR ALL BEAMS BEARING ON MASONRY OR CONCRETE WHICH DO NOT REQUIRE A BEARING PLATE. ANCHOR THE SETTING PLATE TO THE WALL WITH TWO 1/2"x6" HEADED STUDS.
 - DO NOT PAINT THE BACK FACE OF EMBED PLATES THAT ARE EMBEDDED IN CONCRETE.
 - UNLESS NOTED OTHERWISE, FIREPROOFING IS NOT SHOWN ON THE STRUCTURAL DRAWINGS. REFER TO ARCHITECTURAL DRAWINGS FOR FIRERATING REQUIREMENTS, METHODS AND MATERIALS.
 - SUBMIT SHOP DRAWINGS TO STRUCTURAL ENGINEER FOR REVIEW PRIOR TO FABRICATION.

SMBH SHEET LIST	
NUMBER	NAME
50.01	GENERAL STRUCTURAL NOTES
50.02	GENERAL STRUCTURAL NOTES CONTINUED
50.03	SPECIAL INSPECTIONS
51.01	FOUNDATION & FIRST FLOOR FRAMING PLAN
51.02	SECOND FLOOR & ROOF FRAMING PLAN
52.01	FOUNDATION DETAILS AND SECTIONS
52.11	FRAMING DETAILS AND SECTIONS



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GENERAL STRUCTURAL NOTES

PRESCHOOL EXPANSION AND DISTRICT OFFICE RENOVATION

145 N. CHERRY ST.
MOUNT GILEAD, OH 43338

PREPARED FOR:
MOUNT GILEAD EXEMPTED VILLAGE SCHOOL DISTRICT



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DD: MAY 15, 2026 BID/PERMITS: JULY 2, 2026

SD: MARCH 16, 2026

PV: JAN 16, 2026

COMM. NO.: 2604

S0.01



053100 - STEEL DECKING

1. SPECIFICATIONS AND STANDARDS:

A. DESIGN FABRICATION AND ERECTION OF STEEL DECK SHALL BE GOVERNED BY THE CURRENT EDITION OF THE AMERICAN IRON AND STEEL INSTITUTE, SPECIFICATION FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS.

B. PROPERTIES OF THE STRUCTURAL STEEL DECK SHALL BE COMPUTED IN ACCORDANCE WITH THE REFERENCE STANDARD. THE PROPERTIES SHALL BE PUBLISHED IN THE MANUFACTURERS CATALOG.

C. AWS STANDARD WELDING SYMBOLS.

D. AWS D1.3 SPECIFICATIONS FOR WELDING SHEET STEEL IN STRUCTURES.

E. WELDING SHALL BE PERFORMED ONLY BY OPERATORS QUALIFIED, BY THE AWS STANDARD QUALIFICATION PROCEDURE, TO PERFORM THE PARTICULAR TYPE OF WORK REQUIRED.

2. PRODUCTS:

A. WIDE RIB ROOF DECK:

- GALVANIZED STEEL DECK: ASTM A653, STRUCTURAL STEEL (SS), GRADE 50 MIN, G60 ZINC COATING.

3. CONNECTIONS:

A. ROOF DECK

- ANCHOR STEEL DECK TO STEEL SUPPORTING MEMBERS WITH 5/8" DIAMETER PUDDLE WELDS AT A MAXIMUM AVERAGE SPACING OF 12 INCHES CENTER TO CENTER (36/4 PATTERN) UNLESS SHOWN OTHERWISE.
 - FOR DECK SPANS GREATER THAN FIVE FEET, SIDE LAP FASTENERS SHALL BE SPACED AT INTERVALS NOT EXCEEDING 36 INCHES, UNLESS NOTED, USING #10 SCREWS, 5/8" DIAMETER PUDDLE WELDS, OR 1 1/2" LONG FILLET WELDS. MINIMUM (1) SIDELAP CONNECTION PER SPAN.
 - MECHANICAL FASTENERS MAY BE USED IN LIEU OF WELDING TO FASTEN DECK. SUBMIT SUBSTITUTION REQUEST WITH PRODUCT DATA, ATTACHMENT PATTERN AND PERFORMANCE DATA INDICATING DIAPHRAGM CAPACITY MEETS OR EXCEEDS THAT OF THE SPECIFIED WELD PATTERN.

B. WELDING ELECTRODES: AWS A5.1, A5.5 OR A5.18 SERIES E60.

4. ERECTION AND FABRICATION:

A. MINIMUM BEARING: 2 INCHES UNLESS OTHERWISE SHOWN.

B. ROOF DECK MINIMUM LAP LENGTH: 4 INCHES UNLESS NOTED OTHERWISE.

C. FABRICATE DECK UNITS IN LENGTHS TO SPAN THREE OR MORE SUPPORT SPACINGS.

D. DO NOT SUSPEND POINT LOADS FROM DECK INCLUDING HANGERS FOR: CEILINGS, PIPES, DUCTS, EQUIPMENT, ETC. CONTRACTOR INSTALLING SUCH POINT LOADS SHALL PROVIDE SUB-FRAMING TO TRANSFER LOAD TO STRUCTURE SUPPORTING DECK.

5. OPENINGS IN STEEL DECK.

A. OPENINGS CUT IN THE STEEL DECK SHALL BE REINFORCED OR SHALL BE SUPPORTED ON STEEL ANGLE FRAMES. COORDINATE SIZES AND LOCATIONS WITH THE MECHANICAL AND ARCHITECTURAL DRAWINGS.

B. OPENINGS IN STEEL DECK EQUAL TO OR LESS THAN 12"x12" SHALL BE REINFORCED WITH A 24"x24" - 16 GAGE PLATE SCREWED OR WELDED TO THE DECK RIBS ON ALL SIDES OF THE OPENING.

C. OPENINGS IN ROOF DECK GREATER THAN 12"x12" SHALL BE SUPPORTED ON STEEL ANGLE FRAMES.

314800 - UNDERPINNING

1. UNDERPINNING TO BE DONE BY PROCEDURES THAT WILL PROTECT THE EXISTING BUILDING AND FOOTING FROM SETTLEMENT DURING AND AFTER THE EXCAVATION FOR AND PLACEMENT OF THE UNDERPINNING.

2. MATERIALS:

A. CLASS 1 (3000 PSI) CONCRETE WITH TYPE III (HIGH EARLY STRENGTH) CEMENT.

B. DRY PACK: PREMIXED NON-SHRINKING GROUT WITH MINIMUM WATER REQUIRED FOR PLACEMENT. #8 AGGREGATE MAY BE ADDED TO INCREASE YIELD.

3. PROCEDURE:

A. HAND EXCAVATE UNDER EXISTING FOOTINGS IN MINIMUM PRACTICAL WIDTHS AND ALTERNATING SECTIONS. SHORE SIDES OF EXCAVATIONS TO PREVENT CAVING AND SETTLEMENT UNDER FOOTINGS NOT YET UNDERPINNED. DO NOT UNDERMINE EXISTING FLOOR SLAB.

B. PLACE NEW CONCRETE UNDER FOOTINGS AND DIRECTLY AGAINST SHORING AND SIDES OF EXCAVATIONS TO FULL WIDTH OF EXISTING WALLS AND DEPTH AS SHOWN ON THE DRAWINGS. VIBRATE CONCRETE IN PLACE.

C. COMPLETELY FILL SPACE BETWEEN NEW CONCRETE AND EXISTING FOOTING WITH DRY PACK GROUT AS SOON AS UNDERPINNING CONCRETE REACHES 1500 PSI STRENGTH (APPROXIMATELY 2 DAYS).

ABBREVIATIONS

#	NUMBER	JST	JOIST	T	TOP
#	FOUND (S)	JT	JOINT	T&B	TOP AND BOTTOM
#/FT	FOUNDS PER LINEAL FOOT			T/	TOP OF
CL	CENTERLINE	KP	KIP (1000 POUNDS)	TEMP	TEMPERATURE, TEMPORARY
PL	PLATE	KSF	KIPS PER SQUARE FOOT	THD	THREADED
Ø	DIAMETER			THK	THICK (NESS)
		LAT	LATERAL	TOS	TOP OF STEEL
AB	ANCHOR BOLT	LBS, #	POUNDS	TOSL	TOP OF SLAB
ADDL	ADDITIONAL	LG	LONG	TOT	TOTAL
ADJ	ADJACENT	LL	LIVE LOAD	TYP	TYPICAL
AFF	ABOVE FINISHED FLOOR	LLH	LONG LEG HORIZONTAL		
ANC	ANCHOR	LLV	LONG LEG VERTICAL	UN	UNLESS NOTED
APPROX	APPROXIMATELY	LNTL	LINTEL	UNO	UNLESS NOTED OTHERWISE
AR	ANCHOR ROD	LOC	LOCATION		
ARCH	ARCHITECT(URAL)	LSH	LONG SIDE HORIZONTAL	V	VERTICAL
		LSL	LONG SLOTTED HOLES	VERT	VERTICAL
B PL	BASE PLATE	LSV	LONG SIDE VERTICAL		
B, BOT	BOTTOM	LVL	LAMINATED VENEER LUMBER	W	WEST
BLDG	BUILDING	LW	LONG WAY	W/	WITH
BLK	BLOCK			W/C	WATER/CEMENT RATIO
BLKG	BLOCKING	MAS	MASONRY	W/O	WITHOUT
BM	BEAM	MATL	MATERIAL	WD	WOOD
BRG	BEARING	MAX	MAXIMUM	WL	WIND LOAD
BRK	BRICK	MBR	MEMBER	WP	WORK (ING) POINT
BS	BOTH SIDES	MECH	MECHANICAL	WT	WEIGHT
BSMT	BASEMENT	MEZZ	MEZZANINE	WWR	WELDED WIRE REINFORCING
BTWN	BETWEEN	MFR	MANUFACTURE (R)		
		MIN	MINIMUM	XX	EXTRA STRONG
c/c	CENTER-TO-CENTER	MISC	MISCELLANEOUS	XXS	DOUBLE EXTRA STRONG
CB	CONCRETE BEAM	MO	MASONRY OPENING		
CE	CONTINUOUS END	MPH	MILES PER HOUR		
CFMF	COLD FORMED METAL FRAMING	MTL	METAL		
CJ	CONTROL JOINT				
CLR	CLEAR	N	NORTH		
CMU	CONCRETE MASONRY UNIT	N/A	NOT APPLICABLE		
COL	COLUMN	NF	NEAR FACE		
CONC	CONCRETE	NIC	NOT IN CONTRACT		
CONN	CONNECT (ION)	NO, #	NUMBER		
CONST	CONSTRUCT (ION)	NOM	NOMINAL		
CONT	CONTINUOUS (ATION)	NS	NEAR SIDE		
CONTR	CONTRACTOR	NSH	NORMAL SLOTTED HOLES		
CTR	CENTER	NTS	NOT TO SCALE		
CW	CURTAIN WALL				
CY	CUBIC YARDS	o/o	OUT-TO-OUT		
		OC	ON CENTER (S)		
DA	DRILLED ANCHOR	OD	OUTSIDE DIAMETER		
DBL	DOUBLE	OF	OUTSIDE FACE		
DBLS	DOUBLE TIES	OPNG	OPENING		
DE	DISCONTINUOUS END	OPP	OPPOSITE (HAND)		
DET	DETAIL	OPT	OPTIONAL		
DIA	DIAMETER	ORIG	ORIGINAL		
DIAG	DIAGONAL	OSB	ORIENTED STRAND BOARD		
DIM	DIMENSION	OSL	OUT STANDING LEG		
DL	DEAD LOAD	OVHD	OVERHEAD		
DR	DISTRIBUTION RIB	OVS	OVERSIZED ROUND HOLES		
DWG	DRAWING				
DWL	DOWEL	P/C	PRECAST CONCRETE		
		PAF	POWDER ACTUATED FASTENER (S)		
E	EAST	PEMB	PRE-ENGINEERED METAL BUILDING		
E-, EXTG	EXISTING	PLF	POUND PER LINEAR FOOT		
EA	EACH	PLWD	PLYWOOD		
EE	EACH END	PNL	PANEL		
EF	EACH FACE	PREL	PRELIMINARY		
EJ	EXPANSION JOINT	PROJ	PROJECT		
EL	ELEVATION	PSF	POUNDS PER SQUARE FOOT		
ELEV	ELEVATOR	PSI	POUNDS PER SQUARE INCH		
EMBED	EMBEDDED (WENT)	PSL	PARALLEL STRAND LUMBER		
ENGR	ENGINEER				
EOS	EDGE OF SLAB	QTY	QUANTITY		
EQ	EQUAL				
ES	EACH SIDE	RD	ROOF DRAIN		
EW	EACH WAY	REF	REFERENCE		
EXP	EXPANSION	REINF	REINFORCE (ING), (ED)		
EXT	EXTERIOR	REQ	REQUIRE (MENTS)		
		REQD	REQUIRED		
		REV	REVS (ION), (ED)		
		RF	ROOF		
		RM	ROOM		
		RTU	ROOF TOP UNIT		
FAB	FROM ADJACENT BEAM	S	SOUTH		
FABR	FABRICATE (OR)	SC	SLIP-CRITICAL		
FD	FLOOR DRAIN	SCHED	SCHEDULE		
FFE	FINISHED FLOOR ELEVATION	SECT	SECTION		
FIN	FINISHED	SHT	SHEET		
FL	FULL LENGTH	SIM	SIMILAR		
FLR	FLOOR	SL	SLOPE (I)		
FND	FOUNDATION	SP	SPACE (S), (ED)		
FOM	FACE OF MASONRY	SPEC	SPECIFICATION (S)		
FOS	FACE OF SHEATHING	SPL	SPLICE		
FOV	FACE OF VENEER	SQ	SQUARE		
FOW	FACE OF WALL	SS	STAINLESS STEEL		
FS	FAR SIDE	SSL	SHORT SLOTTED HOLES		
FT	FEET, FOOT	SSR	SHEAR STUD RAILS		
FTG	FOOTING	STA	STATION		
		STD	STANDARD		
		STIFF	STIFFENER		
		STL	STEEL		
		STRUCT	STRUCTURE (AL)		
H, HORIZ	HORIZONTAL	SVC	SERVICE		
HD	HEADED	SW	SHORT WAY		
HK	HOOK	SYM	SYMMETRICAL		
HS	HIGH-STRENGTH				
HVAC	HEATING VENTILATING AIR CONDITIONING				
ID	INSIDE DIAMETER (DIMENSION)				
IF	INSIDE FACE				
IN	INCH				
INT	INTERIOR, INTERMEDIATE				

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GENERAL STRUCTURAL NOTES
CONTINUED AND ABBREVIATIONS

PRESCHOOL EXPANSION AND
DISTRICT OFFICE RENOVATION

145 N. CHERRY ST.
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PREPARED FOR:
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DD: MAY 15, 2026

BID/PERMITS: JULY 2, 2026

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COMM. NO.: 2604

S0.02

PART 1: SCHEDULE OF SPECIAL INSPECTIONS
STATEMENT OF SPECIAL INSPECTIONS
1. SPECIAL INSPECTION FREQUENCY DEFINITIONS:
A. CONTINUOUS: THE FULL-TIME OBSERVATION OF WORK REQUIRING SPECIAL INSPECTION BY AN APPROVED SPECIAL INSPECTOR WHO IS PRESENT IN THE AREA WHERE THE WORK IS BEING PERFORMED.
B. PERIODIC: THE PART-TIME OR INTERMITTENT OBSERVATION OF WORK REQUIRING SPECIAL INSPECTION BY AN APPROVED SPECIAL INSPECTOR WHO IS PRESENT IN THE AREA WHERE THE WORK HAS BEEN OR IS BEING PERFORMED AND AT THE COMPLETION OF THE WORK.

PART 1: SCHEDULE OF SPECIAL INSPECTIONS				
IBC 1705.2.1 STRUCTURAL STEEL				
VERIFICATION AND INSPECTION TASK	FREQUENCY OF INSPECTION		REFERENCE FOR CRITERIA	
	CONTINUOUS	PERIODIC	REFERENCED STANDARD	IBC SECTION
1. LISTED IN AISC 360, CHAPTER N, PARAGRAPH 3.2 FOR COMPLIANCE WITH CONSTRUCTION DOCUMENTS	EACH SUBMITTAL	-	AISC 360 N3.2	1705.2
2. MATERIAL VERIFICATION OF STRUCTURAL STEEL	-	X	AISC 360	
3. VISUAL INSPECTION OF EXPOSED CUT SURFACES OF GALVANIZED STRUCTURAL STEEL MAIN MEMBERS AND EXPOSED CORNERS OF THE RECTANGULAR HSS FOR CRACKS AND SUBSEQUENT TO GALVANIZING	-	X		
4. EMBEDMENTS (VERIFY DIAMETER, GRADE, TYPE, LENGTH, EMBEDMENT. SEE 1705.3 FOR ANCHORS)	-	X		
5. VERIFY MEMBER LOCATIONS, BRACES, STIFFENERS, AND APPLICATION OF JOINT DETAILS AT EACH CONNECTION COMPLY WITH CONSTRUCTION DOCUMENTS	-	X		
6. STRUCTURAL STEEL WELDING:				
A. INSPECTION TASKS PRIOR TO WELDING OF STRUCTURAL STEEL (PERFORM QA TASKS LISTED IN AISC 360, TABLE N5.4-1)	OBSERVE/PERFORM		AISC 360 TABLE N5.4-1	1705.2.1
B. INSPECTION TASKS DURING WELDING OF STRUCTURAL STEEL (PERFORM QA TASKS LISTED IN AISC 360, TABLE N5.4-2)	OBSERVE/PERFORM		AISC 360 TABLE N5.4-2	
C. INSPECTION TASKS AFTER WELDING OF STRUCTURAL STEEL (PERFORM QA TASKS LISTED IN AISC 360, TABLE N5.4-3)	OBSERVE/PERFORM		AISC 360 TABLE N5.4-3	
7. NONDESTRUCTIVE TESTING (NDT) OF WELDED JOINTS:				
A. UT TESTING ON ALL BUTT, T- & CORNER JOINTS IN MATERIALS 5/16" THICK OR GREATER (RISK CATEGORY III OR IV ONLY)	-		AISC 360 N5.5B	1705.2.1
B. UT TESTING ON 10% OF BUTT, T- & CORNER JOINTS IN MATERIAL 5/16" THICK OR GRATER (RISK CATEGORY II ONLY)	AS NOTED			
C. WELDED JOINTS SUBJECT TO FATIGUE WHEN REQUIRED BY AISC 360, APPX 3, TABLE A-3.1	AS NOTED		AISC 360 N5.5C	
D. FABRICATORS NDT REPORTS WHEN FABRICATOR PERFORMS NDT	VERIFY REPORTS		AISC 360 N5.5G	
8. STRUCTURAL STEEL BOLTING:				
A. INSPECTION TASKS PRIOR TO BOLTING OF STRUCTURAL STEEL (PERFORM QA TASKS LISTED IN AISC 360, TABLE N5.6-1)	OBSERVE/PERFORM		AISC 360 TABLE N5.6-1	1705.2.1
B. INSPECTION TASKS DURING BOLTING OF STRUCTURAL STEEL (PERFORM QA TASKS LISTED IN AISC 360, TABLE N5.6-2)	OBSERVE		AISC 360 TABLE N5.6-2	
C. INSPECTION TASKS AFTER BOLTING OF STRUCTURAL STEEL (PERFORM QA TASKS LISTED IN AISC 360, TABLE N5.6-3)	PERFORM		AISC 360 TABLE N5.6-3	
9. WHERE APPLICABLE, SEE SECTION 1705.13, SPECIAL INSPECTIONS FOR SEISMIC RESISTANCE.				
10. SEE AISC 360, APPENDIX N, FOR DEFINITIONS OF OBSERVE AND PERFORM.				

PART 1: SCHEDULE OF SPECIAL INSPECTIONS				
IBC 1705.2.3 COLD-FORMED STEEL DECK				
VERIFICATION AND INSPECTION TASK	FREQUENCY OF INSPECTION		REFERENCE FOR CRITERIA	
	CONTINUOUS	PERIODIC	REFERENCED STANDARD	IBC SECTION
1. MANUFACTURER DOCUMENTS (VERIFY REPORTS AND CERTIFICATES AS LISTED IN SDI QA/QC, SECTION B FOR COMPLIANCE WITH CONSTRUCTION DOCUMENTS)	EACH SUBMITTAL	-	SDI QA/QC SECTION B	1705.2.3
2. MATERIAL VERIFICATION OF STEEL DECK, MECHANICAL FASTENERS, AND WELDING MATERIALS	-	X	SDI QA/QC	
3. COLD-FORMED STEEL DECK PLACEMENT:				
A. INSPECTION TASKS PRIOR TO COLD-FORMED STEEL DECK PLACEMENT (PERFORM QA TASKS LISTED IN SDI QA/QC, TABLE 1.1)	PERFORM		SDI QA/QC, TABLE 1.1	1705.2.3
B. INSPECTION TASKS AFTER COLD-FORMED STEEL DECK PLACEMENT (PERFORM QA TASKS LISTED IN SDI QA/QC, TABLE 1.2)	PERFORM		SDI QA/QC, TABLE 1.2	
4. COLD-FORMED STEEL DECK WELDING:				
A. INSPECTION TASKS PRIOR TO WELDING OF COLD-FORMED STEEL DECK (PERFORM QA TASKS LISTED IN SDI QA/QC, TABLE 1.3)	OBSERVE		SDI QA/QC, TABLE 1.3	1705.2.3
B. INSPECTION TASKS DURING WELDING OF COLD-FORMED STEEL DECK (PERFORM QA TASKS LISTED IN SDI QA/QC, TABLE 1.4)	OBSERVE		SDI QA/QC, TABLE 1.4	
C. INSPECTION TASKS AFTER WELDING OF COLD-FORMED STEEL DECK (PERFORM QA TASKS LISTED IN SDI QA/QC, TABLE 1.5)	PERFORM		SDI QA/QC, TABLE 1.5	
5. COLD-FORMED STEEL DECK MECHANICAL FASTENING:				
A. INSPECTION TASKS PRIOR TO MECHANICAL FASTENING OF COLD-FORMED STEEL DECK (PERFORM QA TASKS LISTED IN SDI QA/QC, TABLE 1.6)	OBSERVE		SDI QA/QC, TABLE 1.6	1705.2.3
B. INSPECTION TASKS DURING MECHANICAL FASTENING OF COLD-FORMED STEEL DECK (PERFORM QA TASKS LISTED IN SDI QA/QC, TABLE 1.7)	OBSERVE		SDI QA/QC, TABLE 1.7	
C. INSPECTION TASKS AFTER MECHANICAL FASTENING OF COLD-FORMED STEEL DECK (PERFORM QA TASKS LISTED IN SDI QA/QC, TABLE 1.8)	PERFORM		SDI QA/QC, TABLE 1.8	
6. SEE SDI QA/QC, APPENDIX 1, FOR DEFINITIONS OF OBSERVE AND PERFORM.				

PART 1: SCHEDULE OF SPECIAL INSPECTIONS				
IBC 1705.3 REQUIRED SPECIAL INSPECTIONS AND TESTS FOR CONCRETE CONSTRUCTION				
VERIFICATION AND INSPECTION	FREQUENCY OF INSPECTION		REFERENCE FOR CRITERIA	
	CONTINUOUS	PERIODIC	REFERENCED STANDARDS ^A	IBC SECTION
1. INSPECTION OF REINFORCING STEEL, INCLUDING PRESTRESSING TENDONS, AND PLACEMENT.	-	X	ACI 318 CH. 20, 25.2, 25.3, 26.6.1-26.6.3	-
2. INSPECTION OF REINFORCING STEEL WELDING				
A. VERIFY WELDABILITY OF REINFORCING BARS OTHER THAN ASTM A706	-	N/A	AWS D1.4 ACI 318 26.13.1.4	-
B. INSPECT WELDING OF REINFORCEMENT FOR SPECIAL MOMENT FRAMES, BOUNDARY ELEMENTS OF SPECIAL STRUCTURAL WALLS AND COUPLING BEAMS	N/A	-	AWS D1.4 ACI 318 26.13.3	-
C. INSPECT WELDED REINFORCEMENT SPLICES	N/A	-	-	-
D. INSPECT WELDING OF PRIMARY TENSION REINFORCEMENT IN CORBELS	N/A	-	-	-
E. INSPECT SINGLE-PASS FILLET WELDS, MAXIMUM 5/16"	-	N/A	AWS D1.4 ACI 318 26.13.3	-
F. INSPECT ALL OTHER WELDS.	-	N/A	AWS D1.4 ACI 318 26.13.3	-
3. INSPECTION OF ANCHORS CAST IN CONCRETE	-	X	ACI 318 26.13.3.3	-
4. INSPECTION OF ANCHORS POST-INSTALLED IN HARDENED CONCRETE MEMBERS ^B .				
A. ADHESIVE ANCHORS INSTALLED IN HORIZONTALLY OR UPWARDLY INCLINED ORIENTATIONS TO RESIST SUSTAINED TENSION LOADS.	N/A	-	ACI 318 26.13.3.2	-
B. MECHANICAL ANCHORS AND ADHESIVE ANCHORS NOT DEFINED IN 4.A	-	X	ACI 318 26.13.3	-
5. VERIFY USE OF REQUIRED DESIGN MIX.	-	X	ACI 318 CH. 19, 26.4.3, 26.4.4	1904.1 1904.2
6. PRIOR TO CONCRETE PLACEMENT, FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP AND AIR CONTENT TESTS, AND DETERMINE THE TEMPERATURE OF THE CONCRETE.	X	-	ASTM C31 ASTM C172 ACI 318 26.5, 26.12	-
7. INSPECTION OF CONCRETE AND SHOTCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES.	X	-	ACI 318 26.5	-
8. INSPECTION FOR MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES.	-	X	ACI 318 26.5.3 - 26.5.5	-
9. INSPECTION OF PRESTRESSED CONCRETE:				
A. APPLICATION OF PRESTRESSING FORCES.	N/A	-	ACI 318 26.10	-
B. GROUTING OF BONDED PRESRESSING TENDONS	N/A			
10. INSPECTION OF ERECTION OF PRECAST CONCRETE MEMBERS	-	N/A	ACI 318 26.8	-
11. FOR PRECAST CONCRETE DIAPHRAGM CONNECTIONS OR REINFORCEMENT JOINTS CLASSIFIED AS MODERATE OR HIGH DEFORMABILITY (MDE OR HDE) IN STRUCTURES ASSIGNED TO SEISMIC DESIGN CATEGORY C, D, E, OR F, INSPECT SUCH CONNECTION AND REINFORCEMENT IN THE FIELD FOR:				
A. INSTALLATION OF THE EMBEDDED PARTS	N/A	-	ACI 318 26.13.1.3 ACI 550.5	-
B. COMPLETION OF THE CONTINUITY OF REINFORCEMENT ACROSS JOINTS.	N/A	-	ACI 318 26.13.1.3 ACI 550.5	-
C. COMPLETION OF CONNECTIONS IN THE FIELD	N/A	-	ACI 318 26.13.1.3 ACI 550.5	-
12. INSPECT INSTALLATION TOLERANCES OF PRECAST CONCRETE DIAPHRAGM CONNECTIONS FOR COMPLIANCE WITH ACI 550.5	-	N/A	ACI 318 26.13.1.3	-
13. VERIFY IN-SITU CONCRETE STRENGTH, PRIOR TO STRESSING OF TENDONS IN POST-TENSIONED CONCRETE AND PRIOR TO REMOVAL OF SHORES AND FORMS FROM BEAMS AND STRUCTURAL SLABS	-	N/A	ACI 318 26.11.2	-
14. INSPECT FORMWORK FOR SHAPE, LOCATION AND DIMENSIONS OF THE CONCRETE MEMBER BEING FORMED	-	X	ACI 318 26.11.1.2(b)	-
A. WHERE APPLICABLE, SEE SECTION 1705.13, SPECIAL INSPECTIONS FOR SEISMIC RESISTANCE.				
B. SPECIFIC REQUIREMENTS FOR SPECIAL INSPECTION SHALL BE INCLUDED IN THE RESEARCH REPORT FOR THE ANCHOR ISSUED BY AN APPROVED SOURCE IN ACCORDANCE WITH 26.13 IN ACI 318, OR OTHER QUALIFICATION PROCEDURES. WHERE SPECIFIC REQUIREMENTS ARE NOT PROVIDED, SPECIAL INSPECTION REQUIREMENTS SHALL BE SPECIFIED BY THE REGISTERED DESIGN PROFESSIONAL AND SHALL BE APPROVED BY THE BUILDING OFFICIAL PRIOR TO THE COMMENCEMENT OF THE WORK.				

PART 1: SCHEDULE OF SPECIAL INSPECTIONS				
IBC 1705.4 MASONRY CONSTRUCTION				
LEVEL 2 QUALITY ASSURANCE REQUIREMENTS (TABLE 3 & 4 OF TMS 602)				
VERIFICATION AND INSPECTION	FREQUENCY OF INSPECTION		REFERENCE FOR CRITERIA	
	CONTINUOUS	PERIODIC	TMS 402	TMS 602
1. PRIOR TO CONSTRUCTION, VERIFICATION OF COMPLIANCE OF SUBMITTALS	-	X	-	1.5
2. PRIOR TO CONSTRUCTION, VERIFICATION OF F _u AND F _y EXCEPT WHERE SPECIFICALLY EXEMPTED BY THE CODE	-	X	-	1.4 B
3. DURING CONSTRUCTION, VERIFICATION OF SLUMP FLOW AND VISUAL STABILITY INDEX (VSI) WHEN SELF-CONSOLIDATING GROUT IS DELIVERED TO THE PROJECT SITE.	-	X	-	1.5, 1.6.3
4. AS MASONRY CONSTRUCTION BEGINS, VERIFY THAT THE FOLLOWING ARE IN COMPLIANCE:				
A. PROPORTIONS OF SITE-PREPARED MORTAR	-	X	-	2.1, 2.6 A, 2.6 C
B. GRADE AND SIZE OF PRESTRESSING TENDONS AND ANCHORAGES	-	N/A	-	2.4 B, 2.4 M, 2.4 N
C. GRADE, TYPE AND SIZE OF REINFORCEMENT, CONNECTORS AND ANCHOR BOLTS	-	X	-	2.4 A, 2.4 D - L
D. PRESTRESSING TECHNIQUE	-	N/A	-	3.6 B
E. PROPERTIES OF THIN-BED MORTAR FOR AAC MASONRY	N/A	N/A	-	2.1 DC.1
F. SAMPLE PANEL CONSTRUCTION	-	X	-	1.6 D
5. PRIOR TO GROUTING, VERIFY THAT THE FOLLOWING ARE IN COMPLIANCE:				
A. GROUT SPACE	-	X	-	3.2 D, 3.2 F
B. PLACEMENT OF PRESTRESSING TENDONS AND ANCHORAGES	-	N/A	10.8, 10.9	3.6
C. PLACEMENT OF REINFORCEMENT, CONNECTORS AND ANCHOR BOLTS.	-	X	6.1, 6.3.1, 6.3.6, 6.3.7	3.2 E, 3.4
D. PROPORTIONS OF SITE-PREPARED GROUT AND PRESTRESSING GROUT FOR BONDED TENDONS	-	X	-	2.6 B, 2.4 M.1.b
6. VERIFY COMPLIANCE OF THE FOLLOWING DURING CONSTRUCTION:				
A. MATERIALS AND PROCEDURES WITH THE APPROVED SUBMITTALS	-	X	-	1.5
B. PLACEMENT OF MASONRY UNITS AND MORTAR JOINT CONSTRUCTION	-	X	-	3.3 B
C. SIZE AND LOCATION OF STRUCTURAL MEMBERS	-	X	-	3.3 G
D. TYPE, SIZE, & LOCATION OF ANCHORS, INCLUDING OTHER DETAILS OF ANCHORAGE OF MASONRY TO STRUCTURAL MEMBERS, FRAMES, OR OTHER CONSTRUCTION	-	X	1.2.1 (e), 6.2.1, 6.3.1	-
E. TYPE, SIZE AND LOCATION OF VENEER TIES & MOVEMENT JOINTS	-	X ^(C)	13.2	3.4 D
F. INSTALLATION OF ADHERED VENEER	-	N/A	13.3	3.3 D
G. WELDING OF REINFORCEMENT	N/A	-	6.1.7.3	-
H. PREPARATION, CONSTRUCTION, AND PROTECTION OF MASONRY DURING COLD WEATHER (TEMPERATURE BELOW 40° F) OR HOT WEATHER (TEMPERATURE ABOVE 90° F)	-	X	-	1.8 C, 1.8 D
I. APPLICATION AND MEASUREMENT OF PRESTRESSING FORCE	N/A	-	-	3.6 B
J. PLACEMENT OF GROUT	X	-	-	3.5
K. PLACEMENT OF PRESTRESSING GROUT FOR BONDED TENDONS	N/A	-	-	3.6 C
L. PLACEMENT OF AAC MASONRY UNITS AND CONSTRUCTION OF THIN-BED MORTAR JOINTS	N/A	N/A	-	3.3 B.8, 3.3 G.1.b
7. OBSERVE PREPARATION OF GROUT SPECIMENS, MORTAR SPECIMENS, AND/OR PRISMS	-	X	-	1.4 B.2.a.3, 1.4 B.2.b.3, 1.4 B.2.c.3, 1.4 B.3, 1.4 B.4
(A) REQUIRED FOR THE FIRST 5000 SQUARE FT OF AAC MASONRY				
(B) REQUIRED AFTER THE FIRST 5000 SQUARE FT OF AAC MASONRY				
(C) PERIODIC INSPECTION OF VENEERS IS REQUIRED WHEN THE HEIGHT OF THE VENEER EXCEEDS 60 FT ABOVE GRADE PLANE.				

PART 1: SCHEDULE OF SPECIAL INSPECTIONS		
IBC 1705.6 REQUIRED SPECIAL INSPECTIONS AND TESTS OF SOILS		
VERIFICATION AND INSPECTION TASK	CONTINUOUS DURING TASK LISTED	PERIODICALLY DURING TASK LISTED
1. VERIFY MATERIALS BELOW FOOTINGS ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY.	-	X
2. VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL.	-	X
3. PERFORM CLASSIFICATION AND TESTING OF COMPACTED FILL MATERIALS.	-	X
4. DURING FILL PLACEMENT, VERIFY USE OF PROPER MATERIALS AND PROCEDURES IN ACCORDANCE WITH THE PROVISIONS OF THE APPROVED GEOTECHNICAL REPORT. VERIFY DENSITIES AND LIFT THICKNESSES DURING PLACEMENT AND COMPACTION OF COMPACTED FILL.	X	-
5. PRIOR TO PLACEMENT OF COMPACTED FILL, OBSERVE SUBGRADE AND VERIFY SITE HAS BEEN PREPARED PROPERLY.	-	X



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SPECIAL INSPECTIONS

PRESCHOOL EXPANSION AND DISTRICT OFFICE RENOVATION

145 N. CHERRY ST.
MOUNT GILEAD, OH 43338

PREPARED FOR:
MOUNT GILEAD EXEMPTED VILLAGE SCHOOL DISTRICT

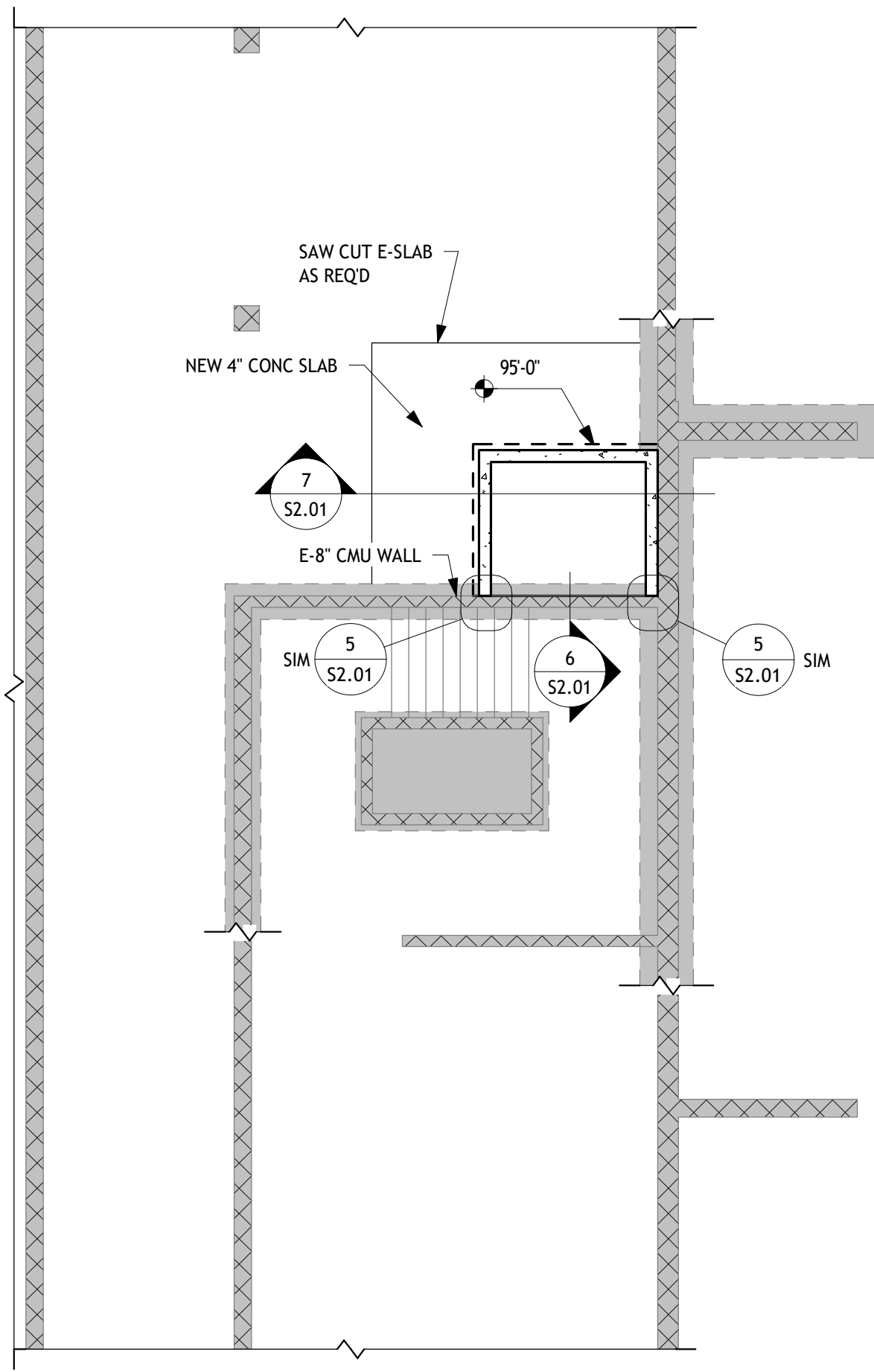


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S0.03



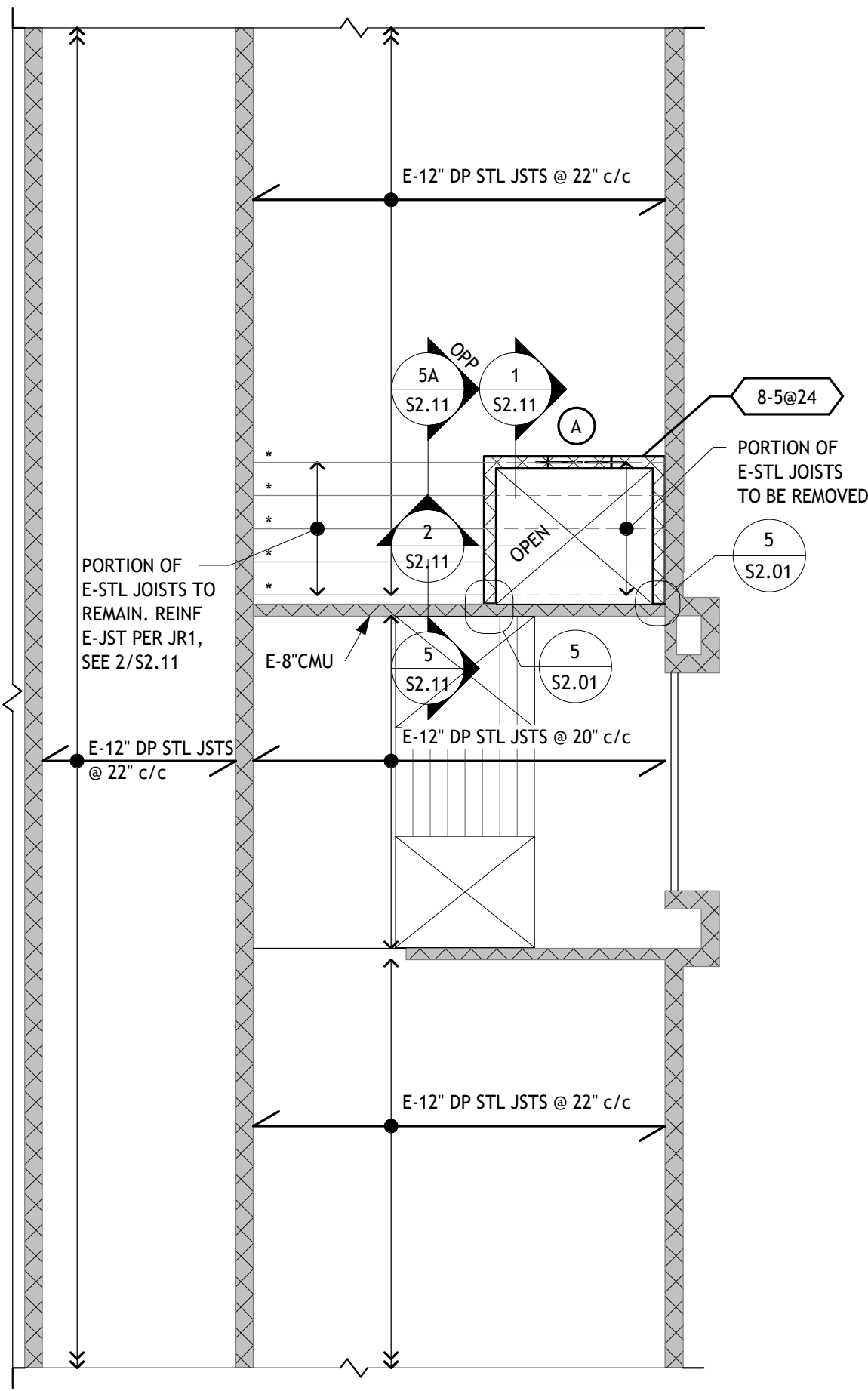


FOUNDATION PLAN

1/8" = 1'-0"

1. VERIFY LOCATIONS OF COLUMNS, WALLS, OPENINGS, ETC. WITH ARCHITECTURAL DRAWINGS BEFORE PLACING FOUNDATIONS.
2. 4" SLAB ON GRADE WITH 6x6-W1.4xW1.4 WWR. TYPICAL EXCEPT AS NOTED. PROVIDE 4" OF GRANULAR SUBGRADE BELOW SLAB.
3. TOP OF SLAB ELEVATION 100'-0" EXCEPT AS NOTED. SEE CIVIL DRAWINGS FOR REFERENCE SITE ELEVATION.
4. DESIGN SOIL BEARING PRESSURE 1,500 PSF (ASSUMED). ANY SOFT SPOTS OR VARIATIONS IN SUBSURFACE CONDITIONS SHALL BE REPORTED IMMEDIATELY TO THE ENGINEER. THE DESIGN BEARING CAPACITY SHALL BE FIELD VERIFIED BY AN INDEPENDENT TESTING AGENCY SPECIALIZING IN SOILS INVESTIGATIONS.
5. INFORMATION FOR THE EXISTING BUILDING HAS NOT BEEN VERIFIED IN THE FIELD. CONTRACTOR SHALL VERIFY ALL RELEVANT CONDITIONS AND DIMENSIONS OF EXISTING CONSTRUCTION BEFORE PROCEEDING WITH THE WORK.
6. ELEVATIONS SHOWN ON PLAN ARE TOP OF THE FOOTING OR SLAB.
7. TOP OF FOOTING ELEVATION 95'-0" UNLESS NOTED.
8. FOOTINGS TO CENTER UNDER COLUMN OR WALL UNLESS NOTED.
9. CONTRACTOR SHALL PROVIDE FLOOR CONTROL AND CONSTRUCTION JOINTS IN SLAB ON GRADE IN ACCORDANCE WITH SECTIONS 2, 3 AND 4/S2.01.
10. ALL EXTERIOR FOOTINGS ARE TO EXTEND A MINIMUM OF 2'-8" BELOW FINISHED GRADE OR TO LOCALLY RECOGNIZED FROST DEPTH.
11. DO NOT BACKFILL AGAINST THE BASEMENT WALLS UNTIL BOTH LEVELS OF THE FLOOR SLAB ARE IN PLACE OR PROVIDE TEMPORARY SUPPORT. WHERE FILL IS ON BOTH SIDES OF THE FOUNDATION WALLS, INSTALL THE FILL UNIFORMLY ON BOTH SIDES OF THE WALL.
12. REFERENCE: GENERAL STRUCTURAL NOTES - S0.01 & S0.02.
13. SYMBOL LEGEND:

- INDICATES TOP OF FOOTING ON PLAN.



FIRST FLOOR FRAMING PLAN

1/8" = 1'-0"

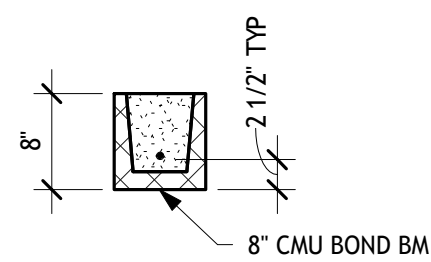
1. DESIGN LIVE LOADS: FLOOR LIVE LOAD = 40 PSF.
2. TOP OF SLAB ELEVATION 100'-0"± EXCEPT AS NOTED.
3. EXISTING FLOOR CONSTRUCTION: 3" (TOTAL THICKNESS) CONCRETE SLAB ON NON-COMPOSITE METAL FORM DECK ON STEEL JOISTS.
4. REFERENCES: GENERAL STRUCTURAL NOTES - S0.01 AND S0.02.
5. SYMBOL LEGEND:

- INDICATES BOTTOM OF METAL DECK ELEVATION, UNLESS NOTED OTHERWISE.
- INDICATES LINTEL TYPE. SEE SCHEDULE ON THIS SHEET.
- INDICATES JOIST REINFORCING. SEE SCHEDULE ON S1.02.

- INDICATES CMU BEARING WALL MARK;
"A" - INDICATES WALL THICKNESS IN INCHES.
"B" - INDICATES REINFORCING BAR SIZE.
"C" - INDICATES REINFORCING SPACING IN INCHES.
REINFORCING BAR SIZE AND SPACING IS FROM CURRENT PLAN LEVEL TO FLOOR PLAN BELOW.

PROVIDE ADDITIONAL REINFORCING AS SHOWN IN SECTION 1/S2.01.

IF REINFORCING BAR SPACING AT CURRENT PLAN LEVEL DIFFERS FROM REINFORCING BAR SPACING AT FLOOR PLAN BELOW, EXTEND LOWER REINFORCING ABOVE CURRENT FLOOR PLAN FOR LAP SPLICE LENGTH AND ALIGN IN CMU CELL WITH DIFFERING REINFORCING BAR SPACING CALLED OUT ON THIS FLOOR PLAN.



TYPE I

LINTEL TYPES

LINTEL SCHEDULE

MARK	SIZE	TYPE	BRG/REMARKS
A	8" DP BOND BM w/ #5 BOT	TYPE I	8" BRG
B	L3 1/2x3 1/2x1/4		

1. A2 ON PLAN INDICATES (2) L'S 3 1/2x3 1/2x1/4,
- A3 INDICATES (3) L'S 3 1/2x3 1/2x1/4, ETC...
2. BEAR ALL LINTELS ON SOLID OR GROUTED BLOCK, SEE GENERAL NOTES ON S0.01 & S0.02.
3. ALL LINTELS HAVE A MIN OF 8" BEARING, UNLESS NOTED.
4. SEE ARCH DRAWINGS FOR VERTICAL LOCATION OF LINTELS.
5. SEE GENERAL NOTES ON S0.01 & S0.02 FOR LINTELS NOT COVERED BY LINTEL SCHEDULE.



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FOUNDATION & FIRST FLOOR
FRAMING PLANS

PRESCHOOL EXPANSION AND
DISTRICT OFFICE RENOVATION

145 N. CHERRY ST.
MOUNT GILEAD, OH 43338

PREPARED FOR:
MOUNT GILEAD EXEMPTED VILLAGE SCHOOL DISTRICT



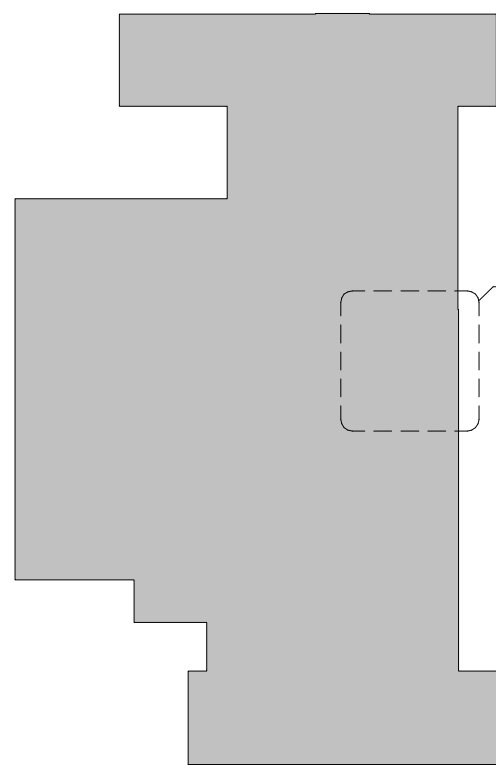
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S1.01

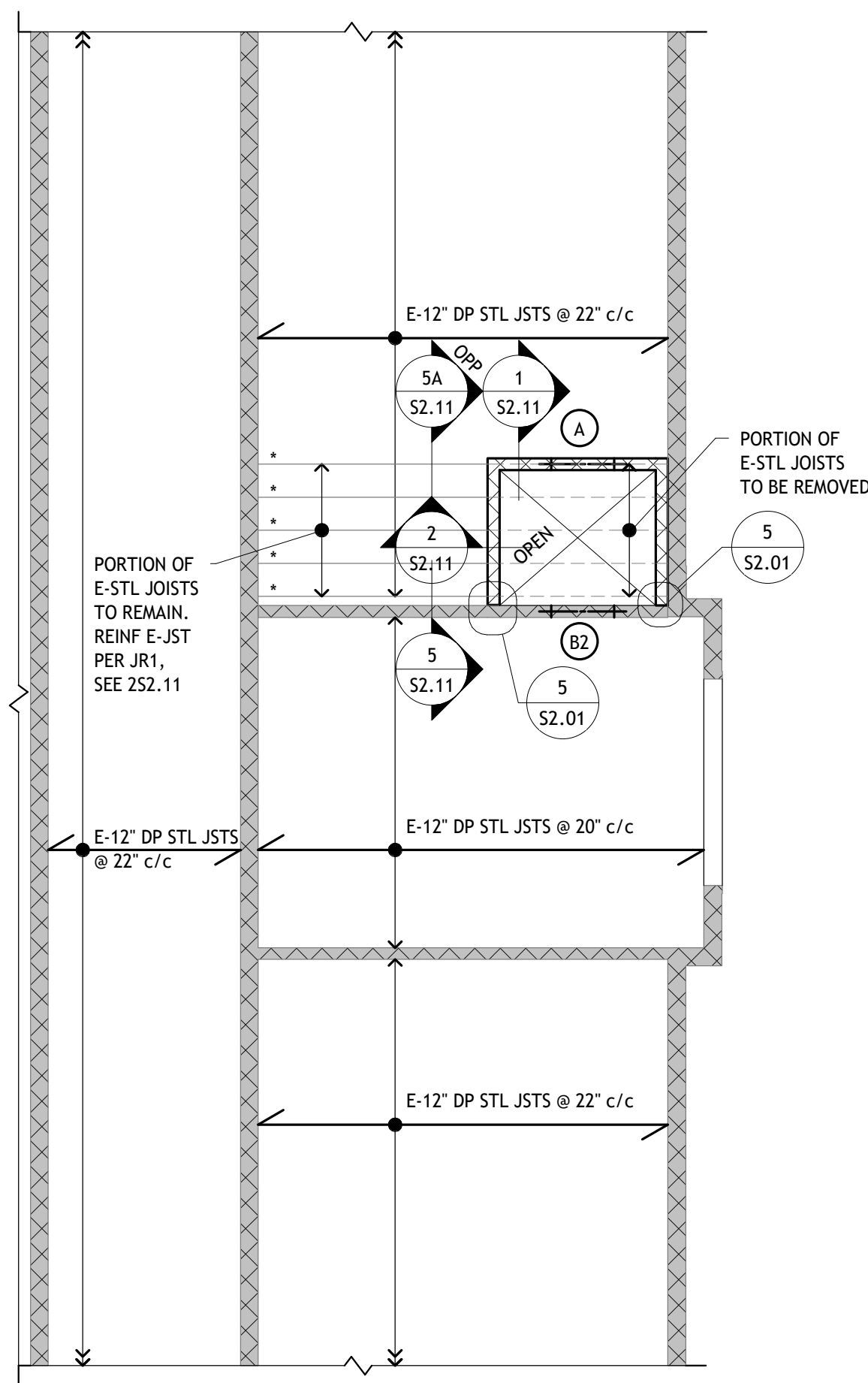


6/30/2026



KEY PLAN

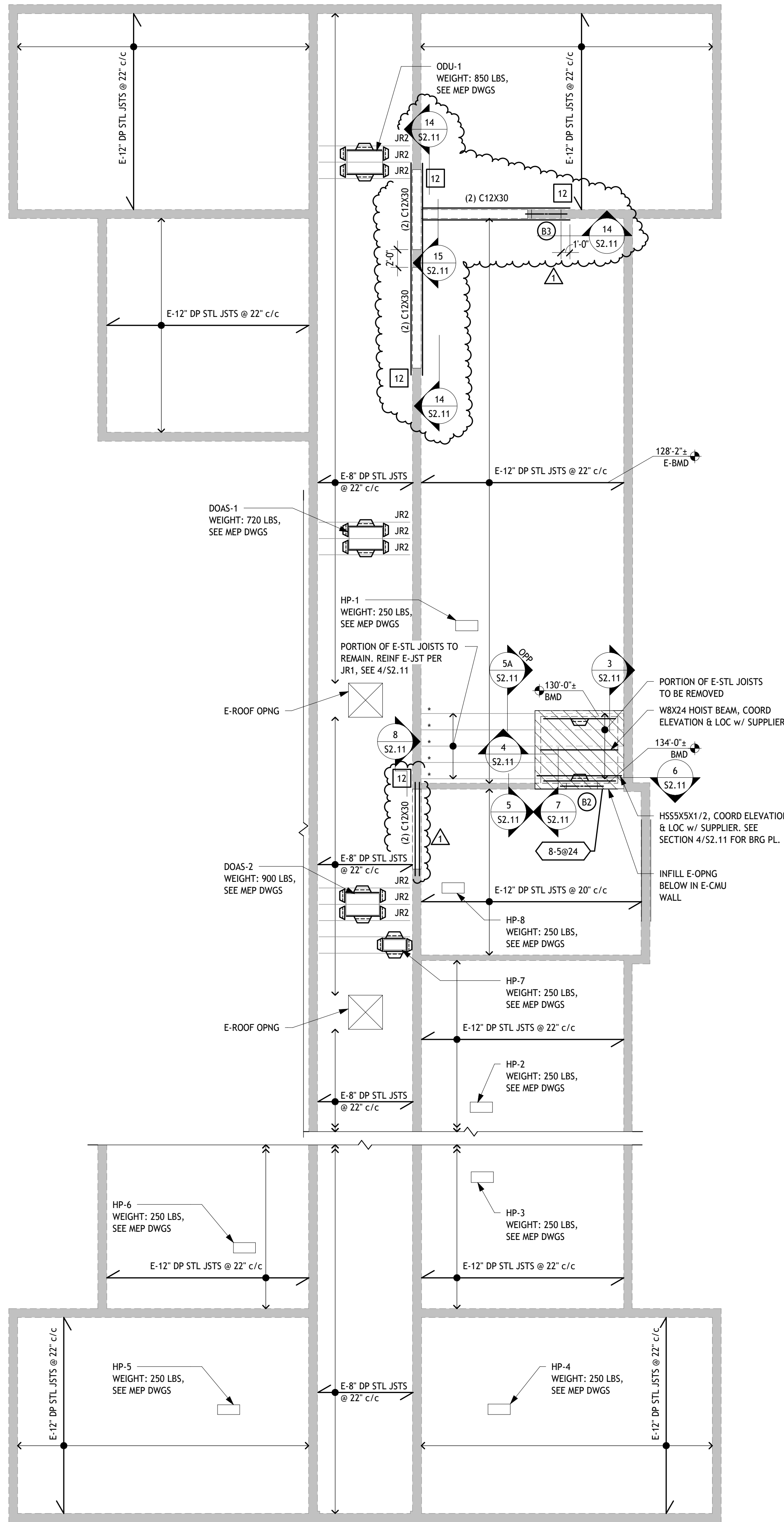




SECOND FLOOR FRAMING PLAN
1/8" = 1'-0"

- DESIGN LIVE LOADS: FLOOR LIVE LOAD = 40 PSF.
- TOP OF SLAB ELEVATION 115'-2"± EXCEPT AS NOTED.
- EXISTING FLOOR CONSTRUCTION: 3" (TOTAL THICKNESS) CONCRETE SLAB ON NON-COMPOSITE METAL FORM DECK ON STEEL JOISTS.
- SEE FIRST FLOOR PLAN FOR REINFORCING IN CMU BEARING WALLS WHERE REINFORCING SYMBOL IS NOT SHOWN ON PLAN.
- REFERENCES: GENERAL STRUCTURAL NOTES - S0.01 AND S0.02.
- SYMBOL LEGEND:

- INDICATES BOTTOM OF METAL DECK ELEVATION, UNLESS NOTED OTHERWISE.
- INDICATES LINTEL TYPE. SEE SCHEDULE ON SHEET S1.01.
- INDICATES JOIST REINFORCING. SEE SCHEDULE ON THIS SHEET.



ROOF FRAMING PLAN

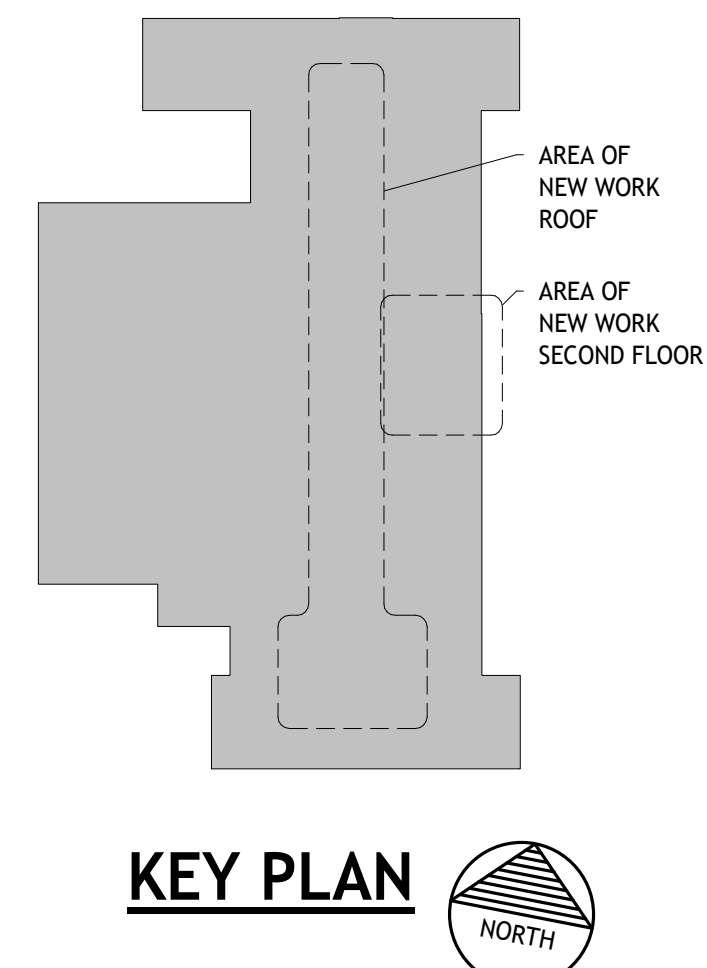
1/8" = 1'-0"

- DESIGN LIVE LOADS: ROOF LIVE LOAD = 20 PSF (REDUCIBLE). SEE GENERAL STRUCTURAL NOTES FOR ROOF SNOW LOAD.
- NEW ROOF CONSTRUCTION: 1 1/2" x 18 GAGE TYPE B GALVANIZED METAL DECK.
- EXISTING ROOF CONSTRUCTION: 3" (TOTAL THICKNESS) CONCRETE SLAB ON NON-COMPOSITE METAL FORM DECK ON STEEL JOISTS.
- PROVIDE L4X4X5/16 ANGLE FRAMES UNDER ROOFTOP UNIT CURBS. REFER TO SECTION 9/S2.11. PROVIDE JOIST REINF ANGLE WHERE ANGLE FRAMES DO NOT ALIGN WITH JOIST TOP CHORD PANEL POINT. REFER TO SECTION 10/S2.11.
- REFERENCES: GENERAL STRUCTURAL NOTES - S0.01 & S0.02.
- SYMBOL LEGEND:

- INDICATES BOTTOM OF METAL DECK ELEVATION, UNLESS NOTED OTHERWISE.
- INDICATES BEAM BEARING IN INCHES. SAME BOTH ENDS EXCEPT AS SHOWN.
- INDICATES LINTEL TYPE. SEE SCHEDULE ON SHEET S1.01.
- INDICATES NEW ROOF CONSTRUCTION
- INDICATES JOIST REINFORCING. SEE SCHEDULE ON THIS SHEET.
- INDICATES CMU BEARING WALL MARK;
"A" - INDICATES WALL THICKNESS IN INCHES.
"B" - INDICATES REINFORCING BAR SIZE.
"C" - INDICATES REINFORCING SPACING IN INCHES.
REINFORCING BAR SIZE AND SPACING IS FROM CURRENT PLAN LEVEL TO FLOOR PLAN BELOW.

PROVIDE ADDITIONAL REINFORCING AS SHOWN IN SECTION 1/S2.01.

IF REINFORCING BAR SPACING AT CURRENT PLAN LEVEL DIFFERS FROM REINFORCING BAR SPACING AT FLOOR PLAN BELOW, EXTEND LOWER REINFORCING ABOVE CURRENT FLOOR PLAN FOR LAP SPLICE LENGTH AND ALIGN IN CMU CELL WITH DIFFERING REINFORCING BAR SPACING CALLED OUT ON THIS FLOOR PLAN.



KEY PLAN



JOIST REINFORCEMENT SCHEDULE						
JR MARK	DIAGONAL REINFORCEMENT		HORIZONTAL REINFORCEMENT		PLATE REINFORCEMENT	
	START (*)	END	START (*)	END	START (*)	END
JR1					8'-8"	12'-8"
JR2	0'-0"	10'-8"	0'-0"	10'-8"		

1. SEE 11, 12, 13 & 14 FOR DIAGONAL AND HORIZONTAL JOIST REINFORCEMENT REQUIREMENTS.

2. SEE 2 & 4/52.11 FOR PLATE JOIST REINFORCEMENT REQUIREMENTS.

3. START END OF JOIST REINFORCEMENT IS INDICATED ON PLAN WITH LOCATION OF (*) JR#.

- SEE SCHEDULE FOR DIAGONAL AND HORIZONTAL JOIST REINFORCEMENT REQUIREMENTS.
- SEE 2 & 4/S2.11 FOR PLATE JOIST REINFORCEMENT REQUIREMENTS.
- START END OF JOIST REINFORCEMENT IS INDICATED ON PLAN WITH LOCATION OF (*) JR#.



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SECOND FLOOR & ROOF FRAMING PLANS

PRESCHOOL EXPANSION AND DISTRICT OFFICE RENOVATION

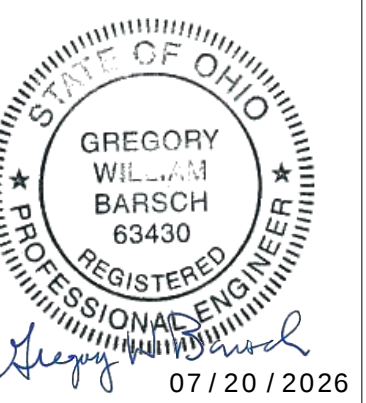
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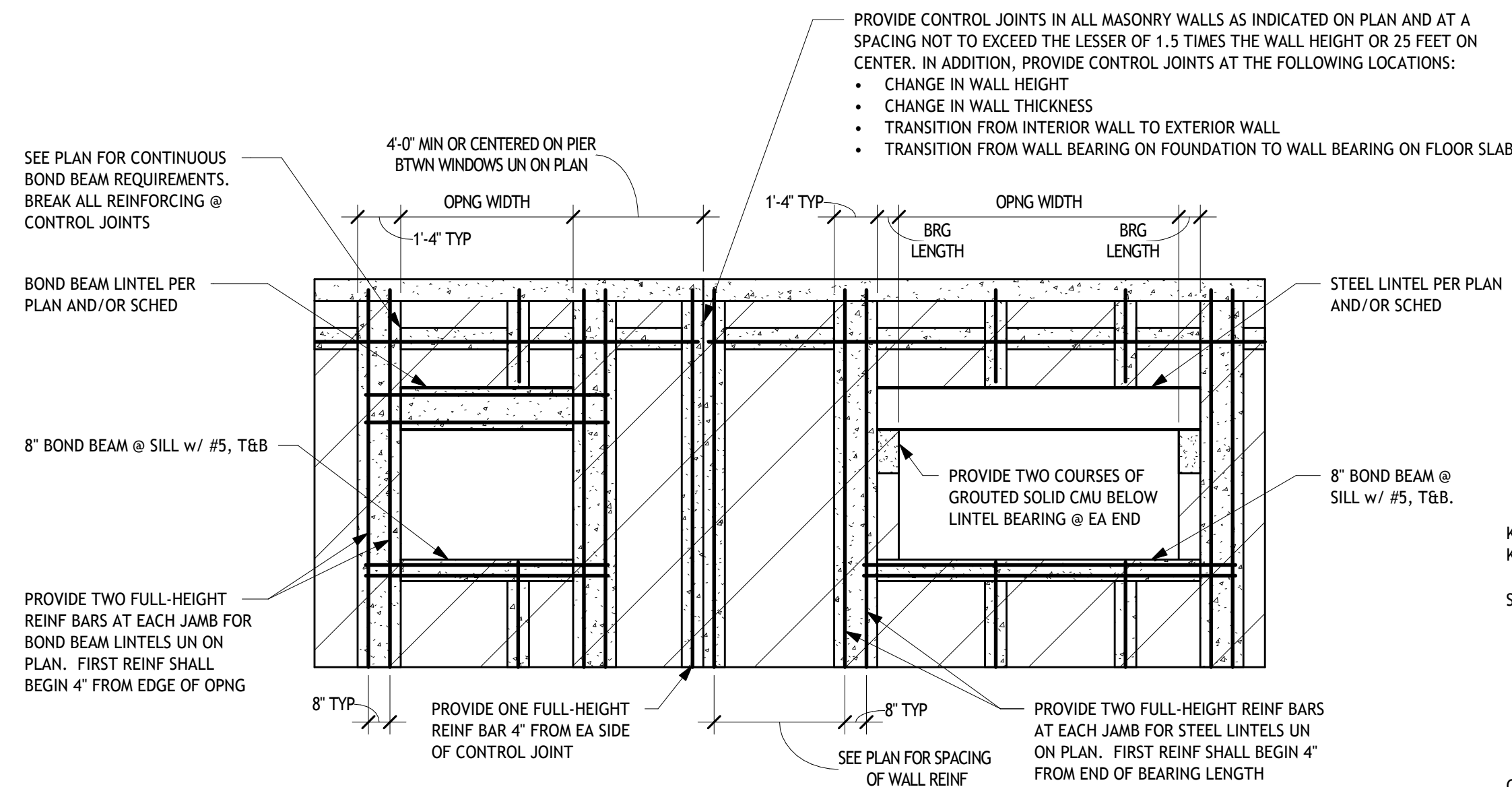
PREPARED FOR:
MOUNT GILEAD EXEMPTED VILLAGE SCHOOL DISTRICT

schorr architects inc 230 Bradenton Ave.
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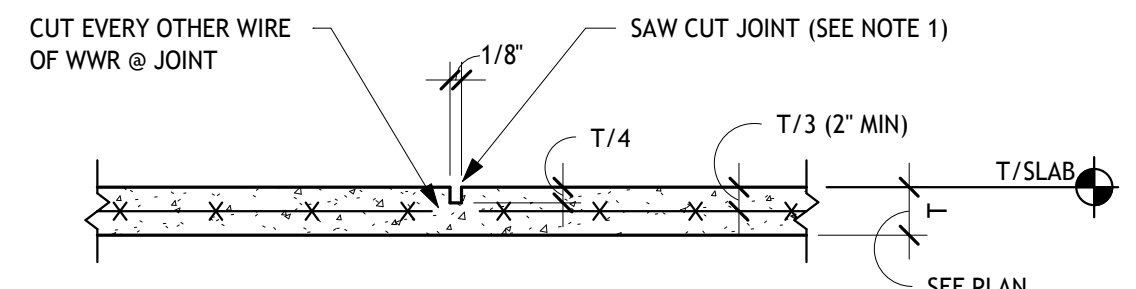
S1.02





1
S2.01
1/4" = 1'-0"

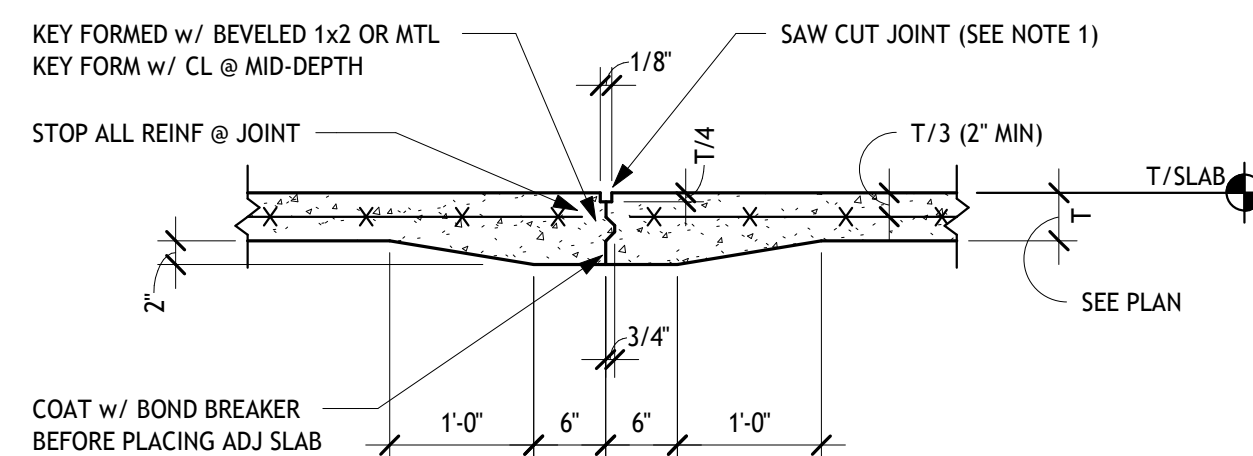
TYPICAL REINFORCED MASONRY WALL DETAIL



1. SAW CUTTING OF JOINTS SHALL BE DONE WHEN THE CONCRETE IS FIRM ENOUGH TO PERMIT CUTTING WITHOUT TEARING OR DAMAGE BY THE BLADE AND BEFORE RANDOM DRYING SHRINKAGE CRACKS CAN FORM, BUT NO MORE THAN 24 HOURS AFTER PLACING. FILL JOINT WITH JOINT SEALANT PER ARCH.

2
S2.01
3/4" = 1'-0"

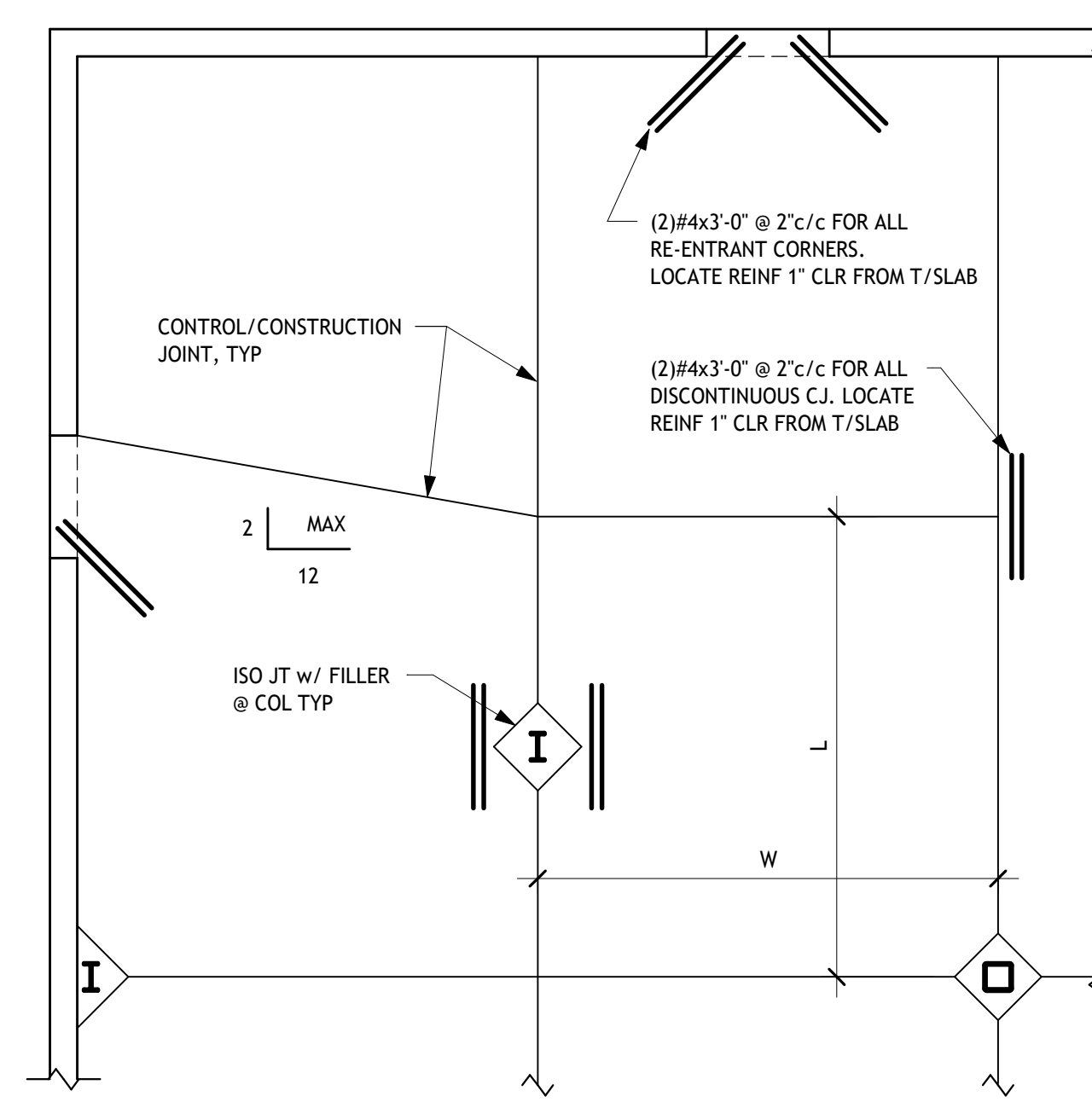
DETAIL



1. SAW CUTTING OF JOINTS SHALL BE DONE WHEN THE CONCRETE IS FIRM ENOUGH TO PERMIT CUTTING WITHOUT TEARING OR DAMAGE BY THE BLADE AND BEFORE RANDOM DRYING SHRINKAGE CRACKS CAN FORM, BUT NO MORE THAN 24 HOURS AFTER PLACING. FILL JOINT WITH JOINT SEALANT PER ARCH.

3
S2.01
3/4" = 1'-0"

DETAIL

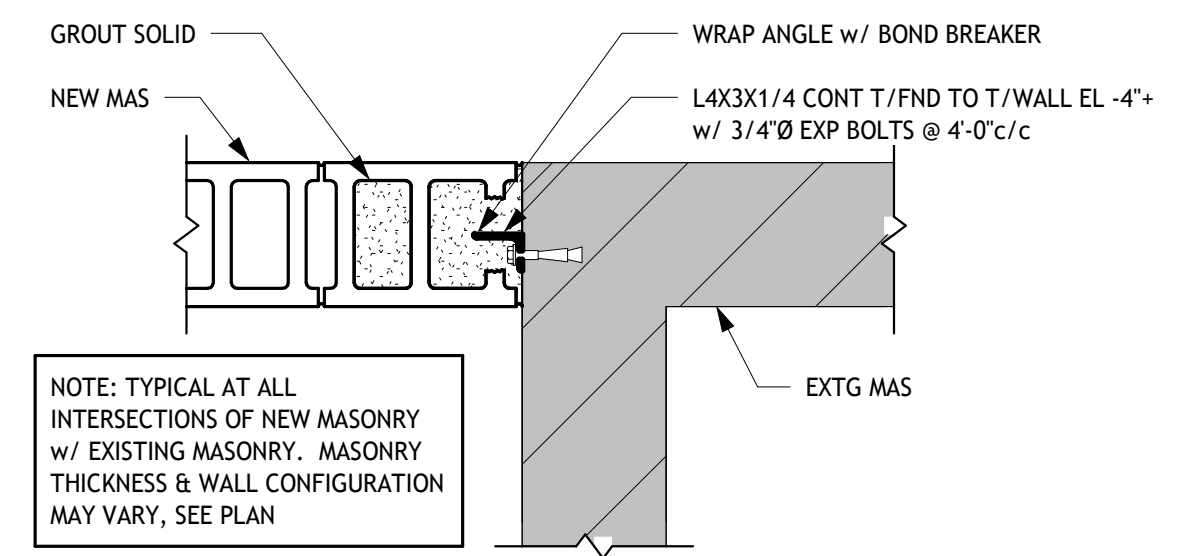


NOTE:

- JOINTS SHALL DIVIDE SLAB INTO AREAS AS SQUARE AS POSSIBLE (1.25 TO 1) FOR MAXIMUM LxW RATIO.
- MAXIMUM CONTROL/CONSTRUCTION JOINT SPACING SHALL BE 36 TIMES THE SLAB ON GRADE THICKNESS BUT SHALL NOT EXCEED 15'-0" FOR SLAB ON GRADE THICKNESS OF 5" OR GREATER.

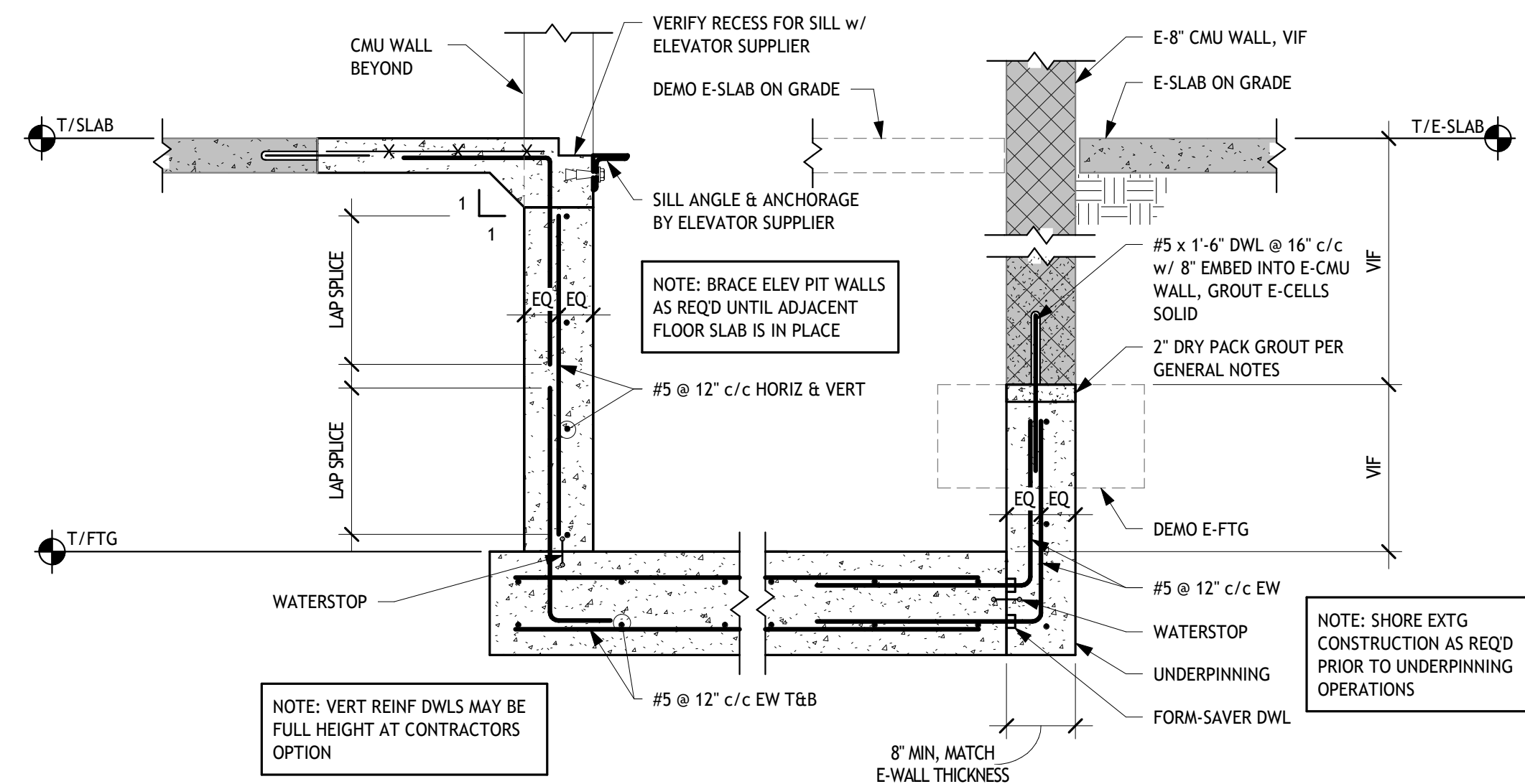
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TYPICAL CONTROL/CONSTRUCTION JOINT DETAIL



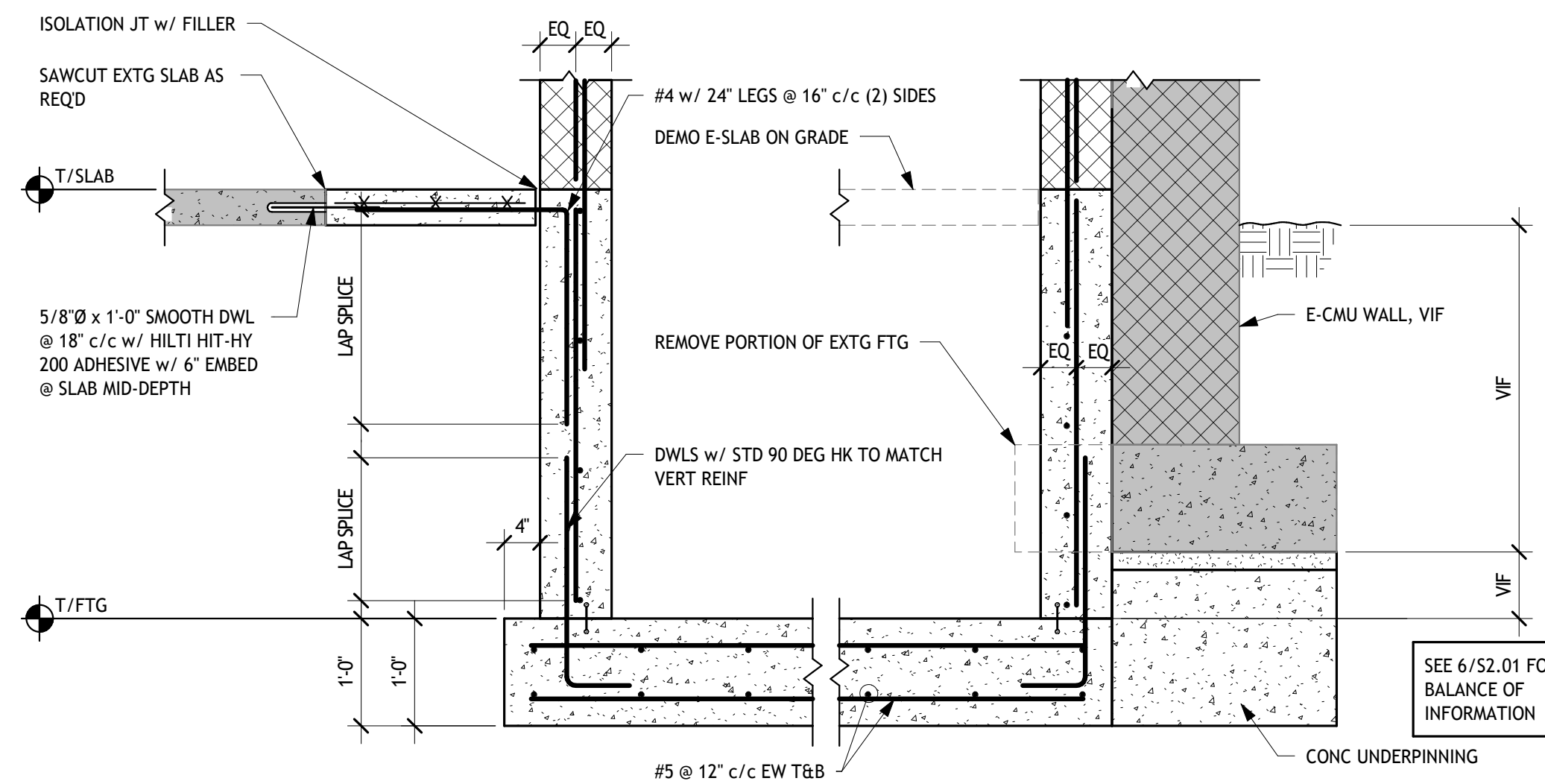
5
S2.01

SECTION



6
S2.01
3/4" = 1'-0"

SECTION



7
S2.01
3/4" = 1'-0"

SECTION

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FOUNDATION DETAILS AND SECTIONS

PRESCHOOL EXPANSION AND DISTRICT OFFICE RENOVATION

145 N. CHERRY ST.
MOUNT GILEAD, OH 43338

PREPARED FOR:
MOUNT GILEAD EXEMPTED VILLAGE SCHOOL DISTRICT

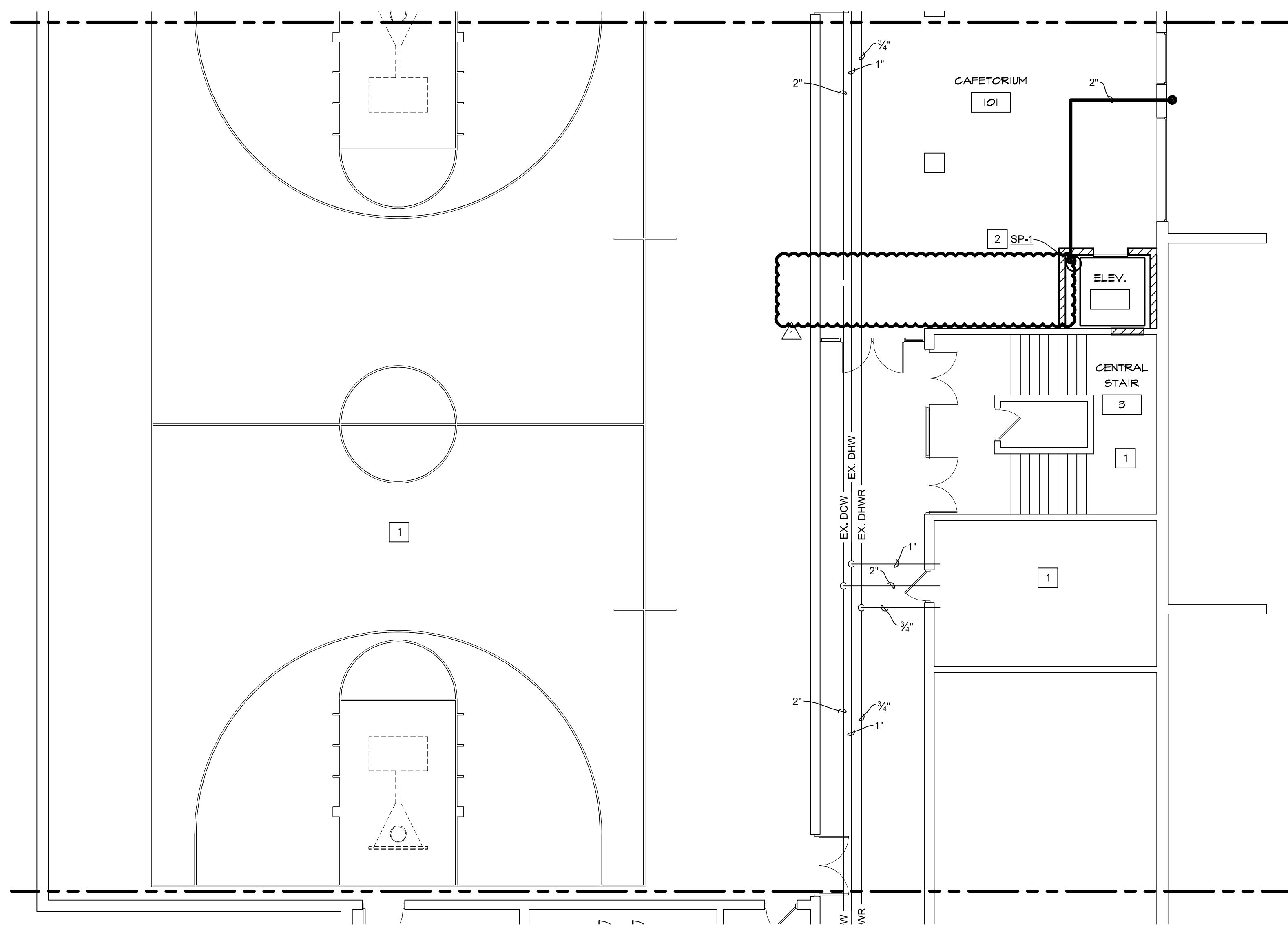
schorr architects inc
230 Bradenton Ave.
Dublin, OH 43017
(614)798-2096

DD: MAY 15, 2026
SD: MARCH 16, 2026
PV: JAN 16, 2026
COMM. NO.: 2604

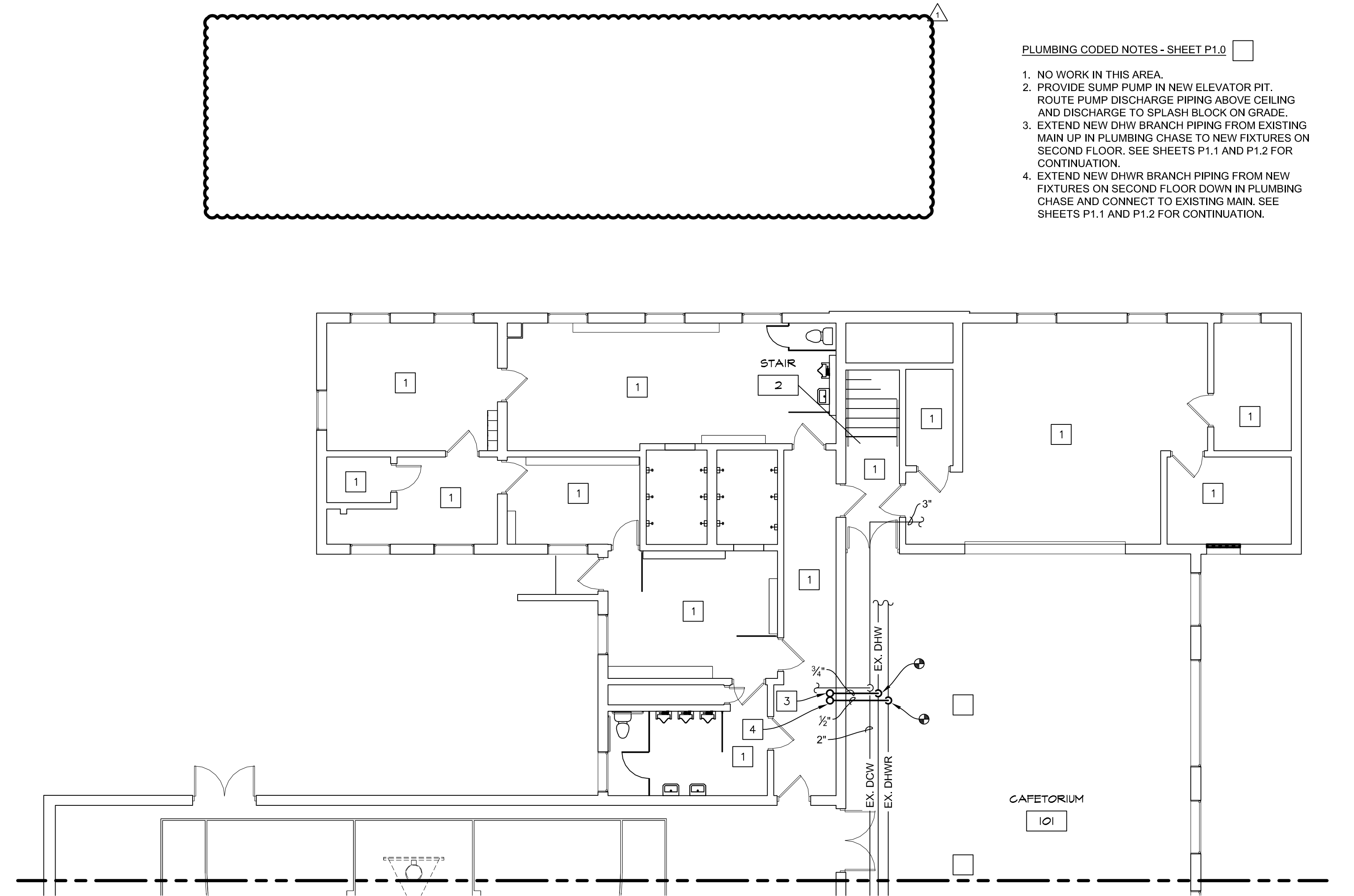
BID/PERMITS: JULY 2, 2026

S2.01

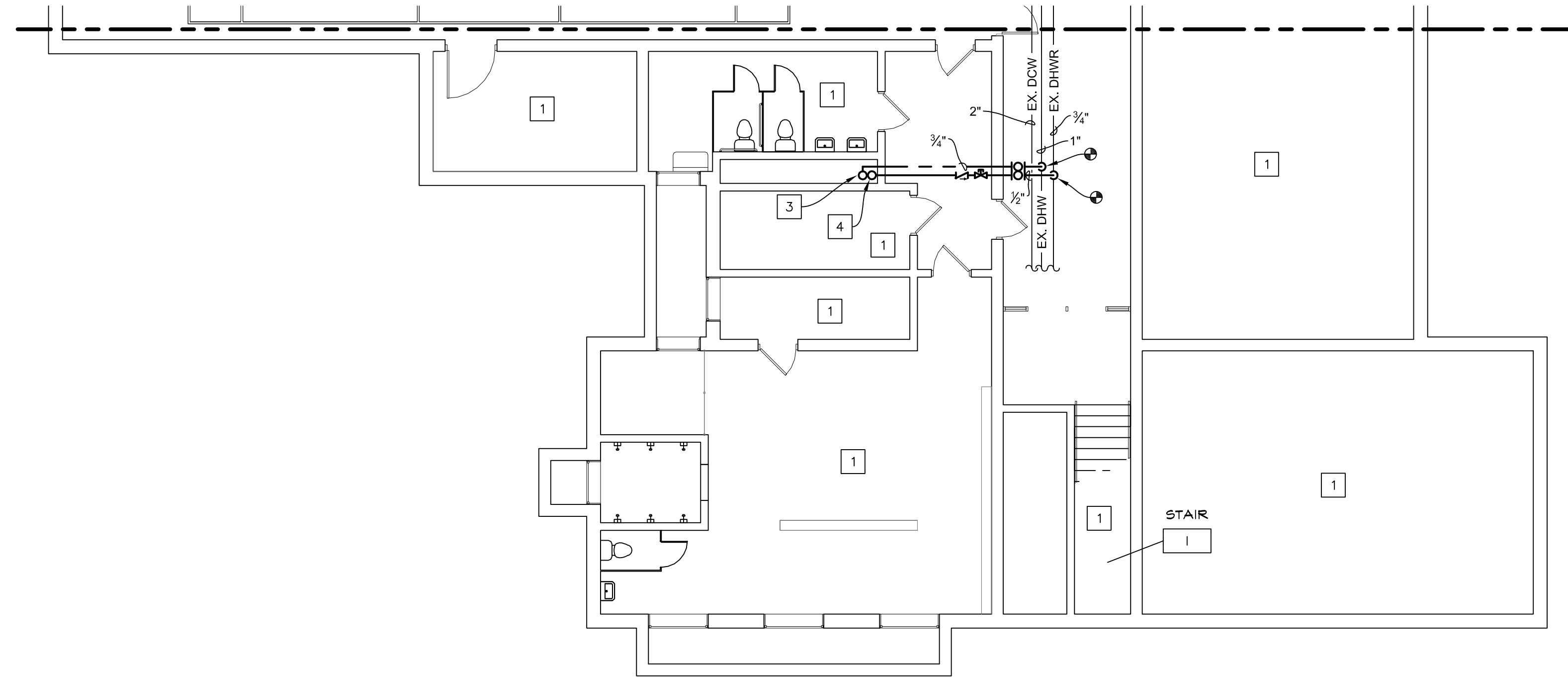
STATE OF OHIO
GREGORY WILSON
BARCH
63430
REGISTERED PROFESSIONAL ENGINEER
07/20/2026



2 PLUMBING PARTIAL FLOOR PLAN - GROUND FLOOR
P1.0 1/8" = 1'-0"



3 PLUMBING PARTIAL FLOOR PLAN - GROUND FLOOR
P1.0 1/8" = 1'-0"



1 PLUMBING PARTIAL FLOOR PLAN - GROUND FLOOR
P1.0 1/8" = 1'-0"

- PLUMBING CODED NOTES - SHEET P1.0
1. NO WORK IN THIS AREA.
 2. PROVIDE SLUMP PUMP IN NEW ELEVATOR PIT. ROUTE PUMP DISCHARGE PIPING ABOVE CEILING AND DISCHARGE TO SPLASH BLOCK ON GRADE.
 3. EXTEND NEW DHW BRANCH PIPING FROM EXISTING MAIN UP IN PLUMBING CHASE TO NEW FIXTURES ON SECOND FLOOR. SEE SHEETS P1.1 AND P1.2 FOR CONTINUATION.
 4. EXTEND NEW DHWR BRANCH PIPING FROM NEW FIXTURES ON SECOND FLOOR DOWN IN PLUMBING CHASE AND CONNECT TO EXISTING MAIN. SEE SHEETS P1.1 AND P1.2 FOR CONTINUATION.

ROGER D. FIELDS ASSOCIATES, INC.
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(614) 451-2248
www.rdfa.com
Project #: 25096

RDFA
Designed By: MP
Checked By: GCT

PLUMBING FLOOR PLAN - GROUND FLOOR

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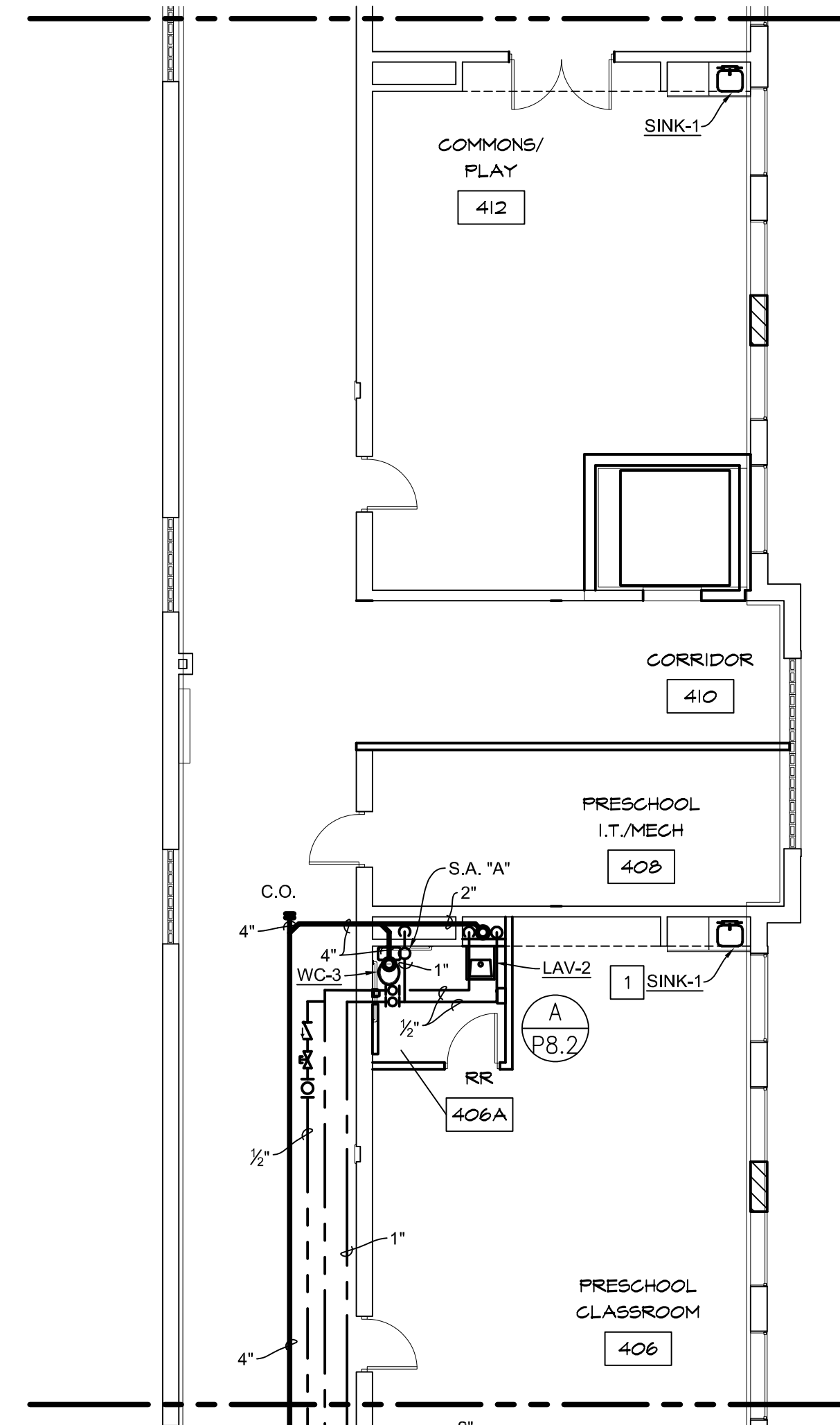
ADDENDUM 1: JULY 20, 2026

COMM. NO.: 2604

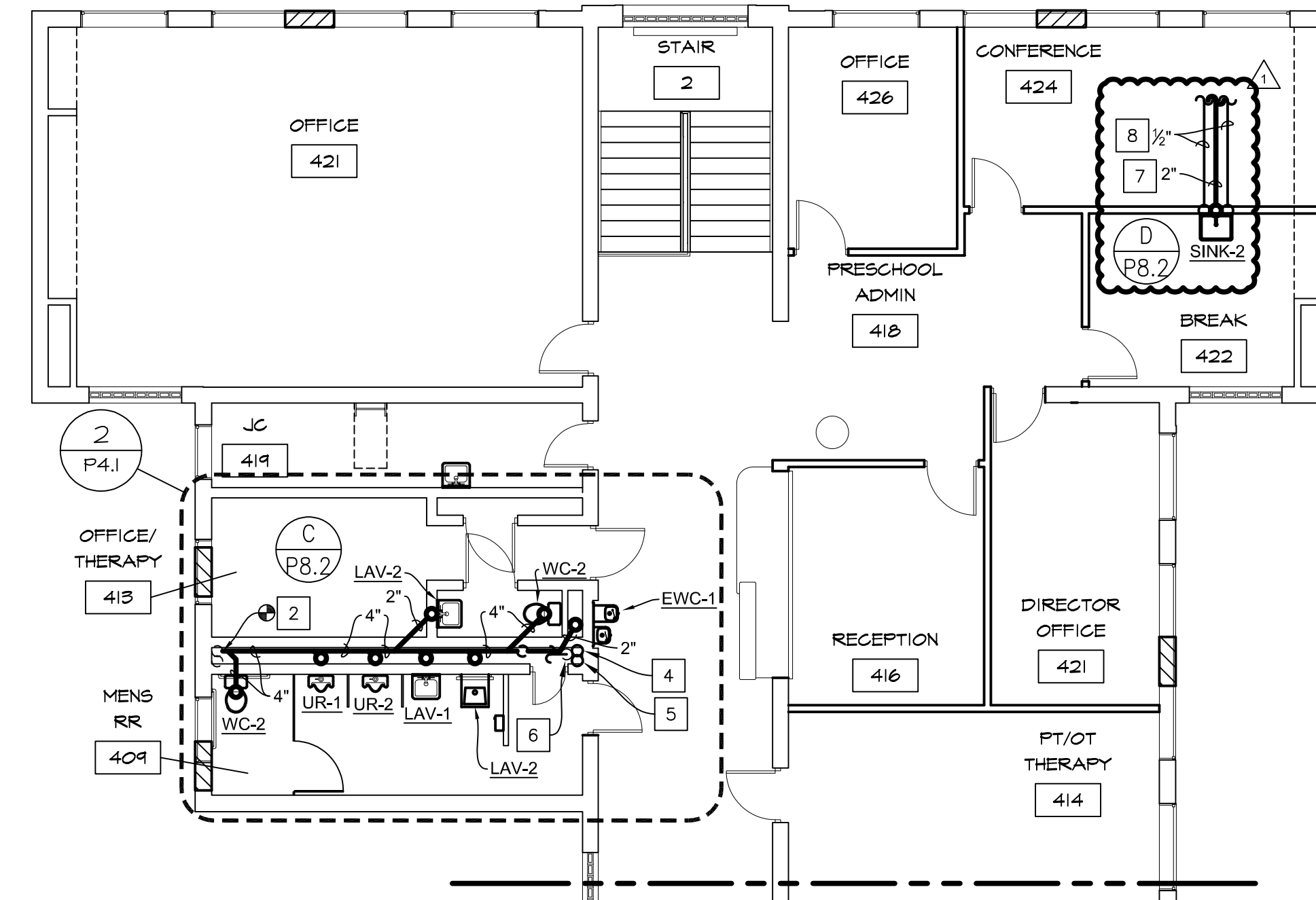
P1.0

SIGNED _____ DATE _____

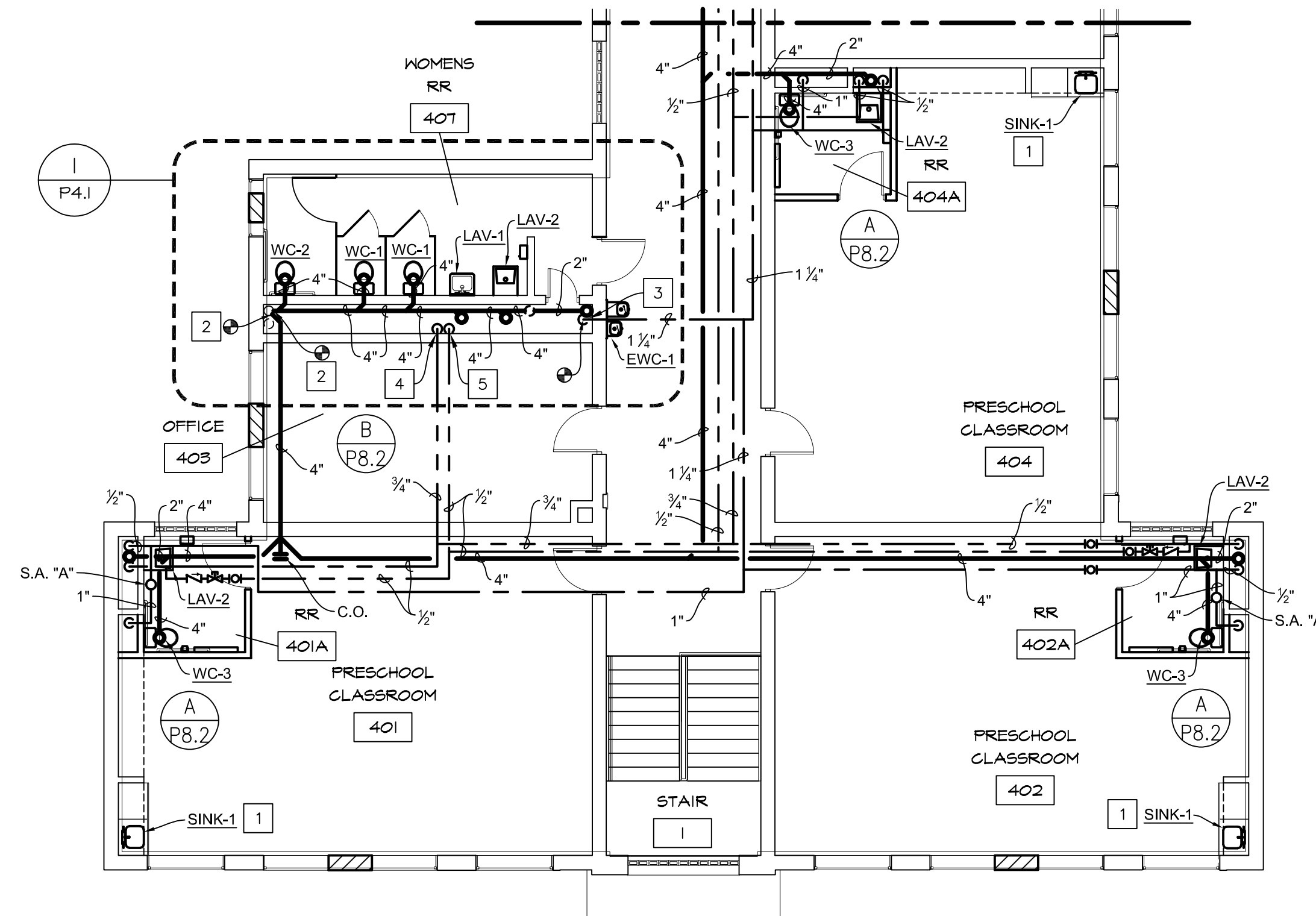
1. PROVIDE NEW PLUMBING FIXTURE. RECONNECT TO EXISTING SANITARY WASTE, VENT, AND DOMESTIC WATER SUPPLY PIPING.
2. EXTEND NEW SANITARY WASTE AND VENT PIPING FROM NEW PLUMBING FIXTURES AND CONNECT TO EXISTING STACK IN PLUMBING CHASE.
3. PROVIDE NEW SHUT-OFF VALVE ON EXISTING DCW MAIN AND EXTEND NEW BRANCH PIPING TO NEW FIXTURES. SEE ENLARGED PLAN ON SHEET P4.1.
4. NEW DHW BRANCH PIPING UP FROM FIRST FLOOR. SEE ENLARGED PLAN ON SHEET P4.1 FOR GROUP RESTROOM PIPING. SEE SHEETS P1.1 AND P1.0 FOR CONTINUATION.
5. NEW DHWR BRANCH PIPING DOWN TO FIRST FLOOR. SEE ENLARGED PLAN ON SHEET P4.1 FOR GROUP RESTROOM PIPING. SEE SHEETS P1.1 AND P1.0 FOR CONTINUATION.
6. EXTEND NEW DCW BRANCH PIPING FROM EXISTING SHUT-OFF VALVE TO NEW FIXTURES. SEE ENLARGED PLAN ON SHEET P4.1.
7. EXTEND NEW SANITARY WASTE PIPING FROM NEW SINK AND CONNECT TO EXISTING SANITARY BRANCH PIPING BELOW FLOOR, PREVIOUSLY SERVING EXISTING SINK. SEE SHEET PD1.2 FOR EXISTING SINK LOCATION.
8. EXTEND NEW DCW AND DHW BRANCH PIPING FROM EXISTING BRANCH LINES BELOW FLOOR, PREVIOUSLY SERVING EXISTING SINK. SEE SHEET PD1.2 FOR EXISTING SINK LOCATION.



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



3 PLUMBING PARTIAL FLOOR PLAN - SECOND FLOOR
1/8" = 1'-0"



1 PLUMBING PARTIAL FLOOR PLAN - SECOND FLOOR
1/8" = 1'-0"

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PLUMBING FLOOR PLAN - SECOND FLOOR

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ADDENDUM 1: JULY 20, 2026

COMM. NO.: 2604

P1.2

SIGNED _____ DATE _____

PLUMBING FIXTURE CONNECTION SCHEDULE														
VARIOUS MANUFACTURERS														
TAG	TYPE	MANUFACTURER/ MODEL	MATERIAL	COLOR	MOUNT	CONNECTIONS				CONTROL SPECIFICATIONS				REMARKS
						WASTE/ OUTLET (IN.)	VENT (IN.)	HOT (IN.)	COLD (IN.)	MANUFACTURER/ MODEL	MATERIAL	COLOR	MOUNT	
WC-1	FLUSH VALVE WATER CLOSET	AMERICAN STANDARD 3461	VITREOUS CHINA	WHITE	FLOOR	4	2	--	1	SLOAN REGAL 111-1.28 FLUSH VALVE	BRASS	CHROME	TOP SPUD	1.28 GPF FLUSH VALVE, BATTERY OPERATED W/ SENSOR, OVERRIDE BUTTON AND DAILY FLUSH PROGRAM. PROVIDE CHURCH MODEL #295CT WHITE SEAT
WC-2	FLUSH VALVE WATER CLOSET - ADA COMPLIANT	AMERICAN STANDARD 3461	VITREOUS CHINA	WHITE	FLOOR	4	2	--	1	SLOAN REGAL 111-1.28 FLUSH VALVE	BRASS	CHROME	TOP SPUD	1.28 GPF FLUSH VALVE, BATTERY OPERATED W/ SENSOR, OVERRIDE BUTTON AND DAILY FLUSH PROGRAM. PROVIDE CHURCH MODEL #295CT WHITE SEAT
WC-3	FLUSH VALVE WATER CLOSET - CHILD HEIGHT	AMERICAN STANDARD 2282.001	VITREOUS CHINA	WHITE	FLOOR	4	2	--	1	SLOAN REGAL 111-1.28 FLUSH VALVE	BRASS	CHROME	TOP SPUD	1.28 GPF FLUSH VALVE, BATTERY OPERATED W/ SENSOR, OVERRIDE BUTTON AND DAILY FLUSH PROGRAM. PROVIDE CHURCH MODEL #295CT WHITE SEAT
LAV-1	WALL HUNG LAVATORY	AMERICAN STANDARD 0355.012	VITREOUS CHINA	WHITE	WALL	1-1/2	1-1/2	1/2	1/2	AMERICAN STANDARD 6114 MANUAL FAUCET	BRASS	BY ARCHITECT	WALL	PROVIDE TRUE BIO LAV-GUARD INSULATION KIT. OFFSET TAILPIECE MCGUIRE #8912 P-TRAP, MCGUIRE #2167 RISERS, AND WATTS #LFUG-B MIXING VALVE. FIXTURE TO BE HANDICAPPED ACCESSIBLE, PROVIDE 0.5 GPM AERATOR.
LAV-2	WALL HUNG LAVATORY (ADA COMPLIANT)	AMERICAN STANDARD 0355.012	VITREOUS CHINA	WHITE	WALL	1-1/2	1-1/2	1/2	1/2	AMERICAN STANDARD 6114 MANUAL FAUCET	BRASS	BY ARCHITECT	WALL	PROVIDE TRUE BIO LAV-GUARD INSULATION KIT. OFFSET TAILPIECE MCGUIRE #8912 P-TRAP, MCGUIRE #2167 RISERS, AND WATTS #LFUG-B MIXING VALVE. FIXTURE TO BE HANDICAPPED ACCESSIBLE, PROVIDE 0.5 GPM AERATOR.
SINK-1	SINK - SINGLE BOWL-17"x16" (ADA COMPLIANT)	ELKAY LRAD171655	STAINLESS STEEL	STAINLESS STEEL	WALL	1-1/2	1-1/2	1/2	1/2	ELKAY LK406GN05T4	STAINLESS STEEL	BY ARCHITECT	COUNTER	PROVIDE TRUEBRO BASIN-GUARD INSULATION KIT. OFFSET TAILPIECE, MCGUIRE #8912 P-TRAP, MCGUIRE #2167 RISERS, AND WATTS #LFUG-B MIXING VALVE. FIXTURE TO BE HANDICAP ACCESSIBLE. PROVIDE 1.0 GPM AERATOR.
SINK-2	SINK - SINGLE BOWL-22"x19-1/2" (ADA COMPLIANT)	ELKAY LRAD221965	STAINLESS STEEL	STAINLESS STEEL	WALL	1-1/2	1-1/2	1/2	1/2	ELKAY LK406GN05T4	STAINLESS STEEL	BY ARCHITECT	COUNTER	PROVIDE TRUEBRO BASIN-GUARD INSULATION KIT. OFFSET TAILPIECE, MCGUIRE #8912 P-TRAP, MCGUIRE #2167 RISERS, AND WATTS #LFUG-B MIXING VALVE. FIXTURE TO BE HANDICAP ACCESSIBLE. PROVIDE 1.0 GPM AERATOR.
UR-1	URINAL	AMERICAN STANDARD 6590.001	VITREOUS CHINA S	WHITE	WALL	2	1-1/2	--	3/4	SLOAN REGAL 186-0.125	BRASS	CHROME	WALL	TOP SPUD, BACK OUTLET, 0.125 GPF FLUSH VALVE, BATTERY OPERATED W/ SENSOR, OVERRIDE BUTTON AND DAILY FLUSH PROGRAM. INSTALL AT STANDARD HEIGHT.
UR-2	URINAL (ADA COMPLIANT)	AMERICAN STANDARD 6590.001	VITREOUS CHINA	WHITE	WALL	2	1-1/2	--	3/4	SLOAN REGAL 186-0.125	BRASS	CHROME	WALL	TOP SPUD, BACK OUTLET, 0.125 GPF FLUSH VALVE, BATTERY OPERATED W/ SENSOR, OVERRIDE BUTTON AND DAILY FLUSH PROGRAM. INSTALL AT ADA HEIGHT.
EW-1	BILEVEL WALL HUNG ELEC. WATER COOLER	ELKAY EZSTL8C	STAINLESS STEEL	BY ARCHITECT	WALL	1-1/2	1-1/2	--	1/2	--	STAINLESS STEEL	CHROME	WALL	FIXTURE TO BE ADA HANDICAP ACCESSIBLE. PROVIDE WITH CARRIER.

NOTES: ALL FINISHES OF FIXTURES, FAUCETS, AND TRIM SHALL BE APPROVED BY THE ARCHITECT'S INTERIOR DESIGNER, REGARDLESS OF COLORS NOTED IN THIS SCHEDULE.

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Project #:25096



Designed By:
Checked By:

PLUMBING SCHEDULES

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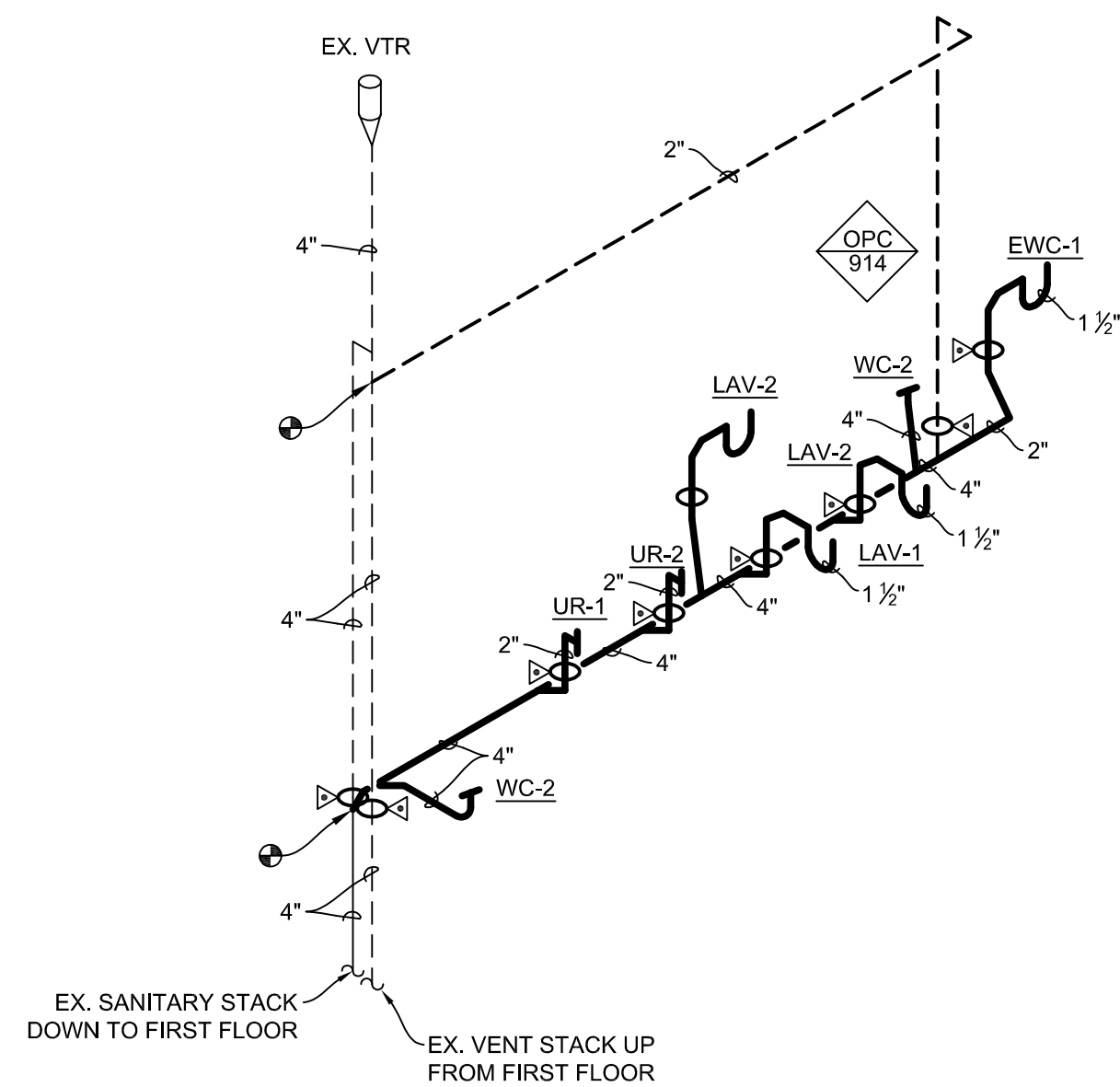
ADDENDUM 1: JULY 20, 2026

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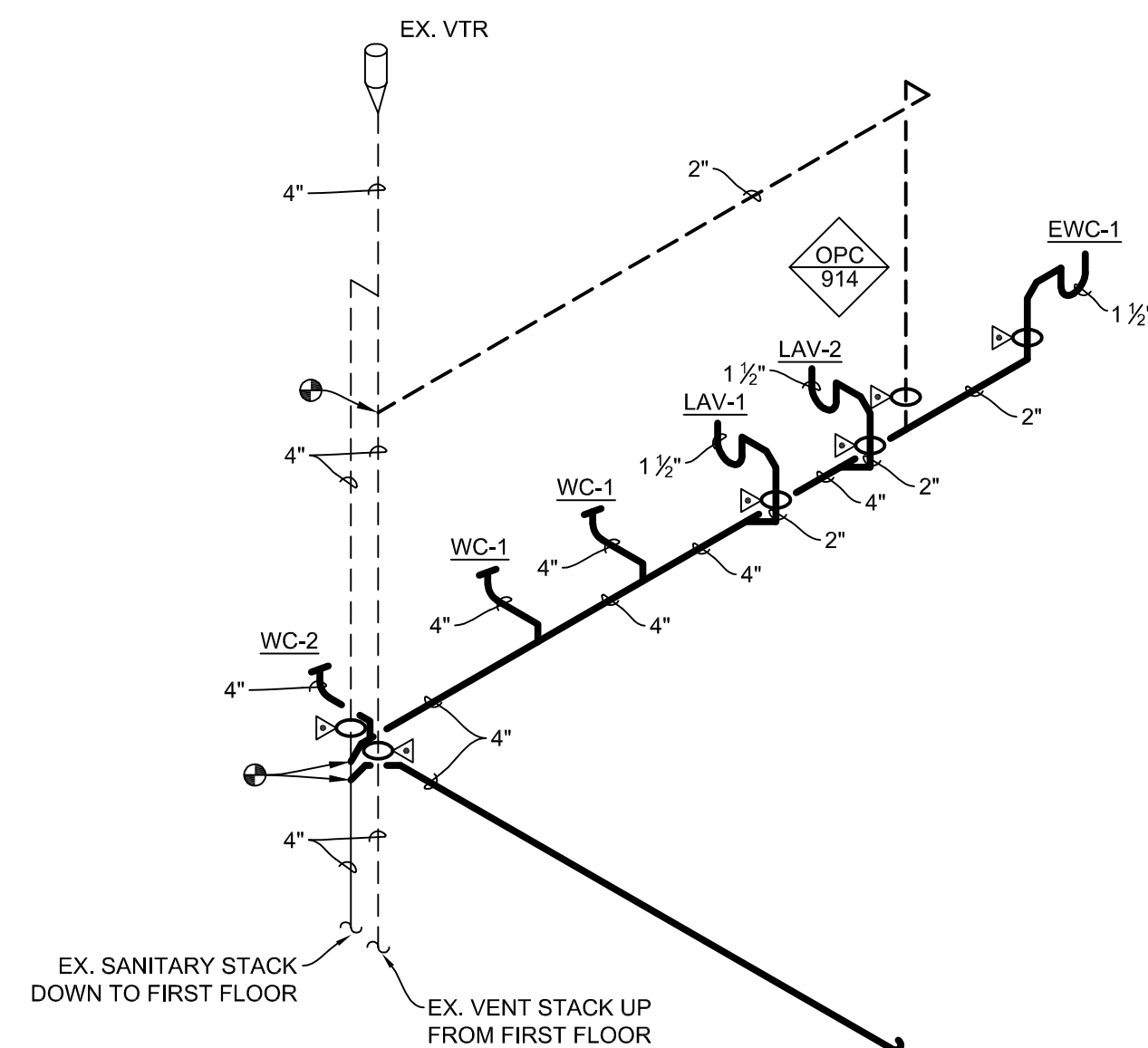
P8.1

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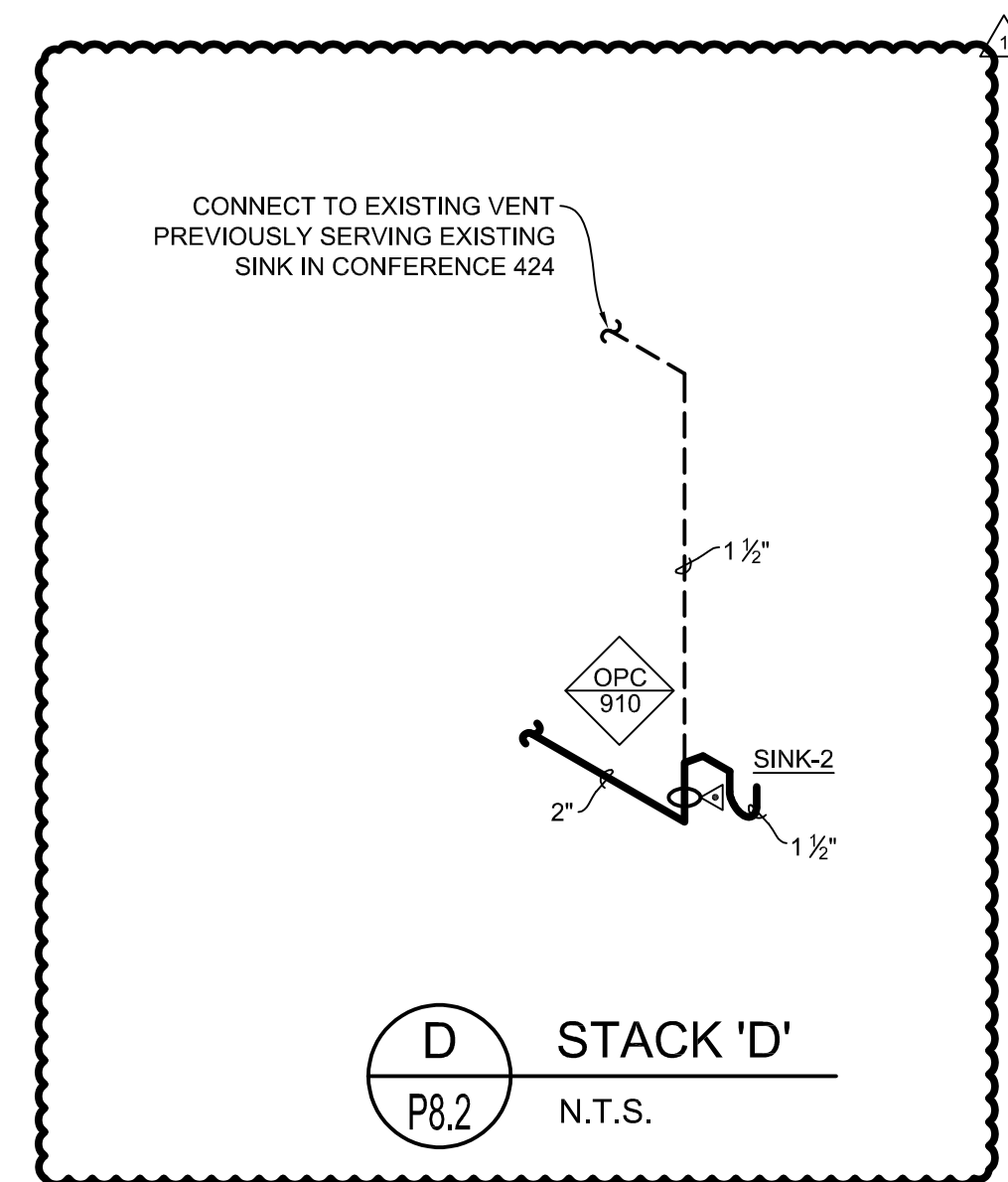
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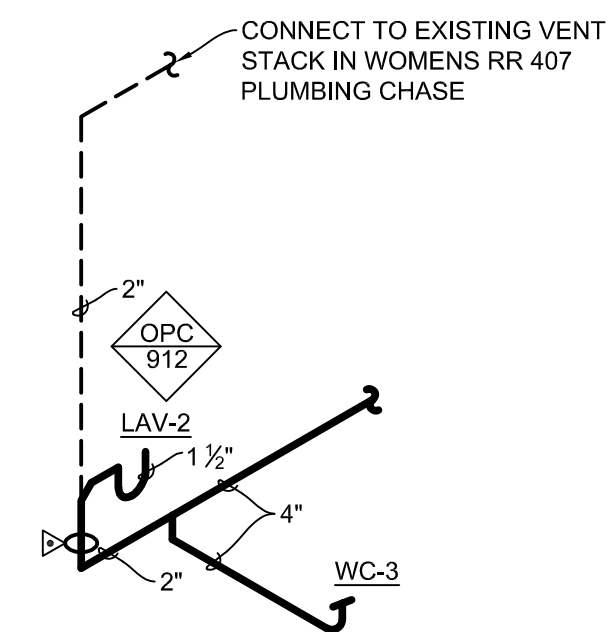
C STACK 'C'
P8.2 N.T.S.



B STACK 'B'
P8.2 N.T.S.



D STACK 'D'
P8.2 N.T.S.



A STACK 'A'
P8.2 N.T.S.

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PLUMBING STACKS

PRESCHOOL EXPANSION AND DISTRICT OFFICE RENOVATION

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P8.2

SIGNED _____ DATE _____

GRILLE, REGISTER & DIFFUSER SCHEDULE										
BASED ON PRICE										
TAG	LOCATION	MODEL NUMBER	FUNCTION	FACE SIZE	FRAME TYPE	LOUVER TYPE	MATERIAL	FINISH	DAMPER	REMARKS
D-1	CEILING	SPD	SUPPLY	12" x 12"	LAY-IN	FIXED	STEEL	WHITE	YES	1, 2
G-1	WALL	500	EXHAUST	LISTED	SURFACE	FIXED - 35°	STEEL	WHITE	NO	2
G-2	CEILING	500	EXHAUST	LISTED	SURFACE	FIXED - 35°	STEEL	WHITE	NO	2

NOTES:
1. SEE DRAWINGS FOR DIFFUSER NECK SIZES AND CFM
2. ALL COLORS ARE TO BE SELECTED BY ARCHITECT/INTERIOR DESIGNER.

FAN SCHEDULE																				
BASED ON GREENHECK																				
TAG	LOCATION	MODEL	FUNCTION	FAN TYPE	WHEEL TYPE	DRIVE	C.F.M.	S.P. "W.G.	MOTOR R.P.M.	FAN R.P.M.	SOUND POWER (SONES)	FEI	DAMPER	CONTROL	ELECTRICAL					REMARKS
															B.H.P.	MOTOR H.P.	MCA	MOCP	VOLTS/ PHASE	
EF-1	ON ROOF	G-120-VG	EXHAUST	CENT.	B.I.	DIRECT	650	0.50	1,800	1,006	6.5	—	BACKDRAFT	CONTINUOUS	0.09	1/4	4.8	15	120/1	1, 2
EF-2	ON ROOF	G-120-VG	EXHAUST	CENT.	B.I.	DIRECT	700	0.50	1,800	1,018	6.6	—	BACKDRAFT	CONTINUOUS	0.09	1/4	4.8	15	120/1	1, 2
EF-3	COMMONS/PLAY 412	CSP-A200	EXHAUST	CENT.	B.I.	DIRECT	150	0.375	825	825	1.4	—	BACKDRAFT	R/A THERMOSTAT	0.07	123W	0.6	15	120/1	1

1. UNIT MOUNTED SPEED CONTROLLER 2. FURNISH FLAT ROOF CURB
KEY: CENT. – CENTRIFUGAL; B.I. – BACKWARD INCLINED

AIR-SOURCE HEAT PUMP SCHEDULE												
BASED ON DAIKIN												
UNIT				COOLING		HEATING		ELECTRICAL				REMARKS
TAG	LOCATION	MODEL	OPERATING WEIGHT (LBS.)	OUTSIDE AIR TEMP (°F)	CAPACITY (MBH)	OUTSIDE AIR TEMP (°F)	CAPACITY (MBH)	EER	MCA	MOCP	VOLTS/ PHASE	
HP-7	ROOF	REYA120AATJA	739	95	114	47	114	11	40	45	208/3	
ASSOCIATED WITH DOAS-1 & DOAS-2												

ELECTRIC UNIT HEATER SCHEDULE													
BASED ON QMARK													
TAG	LOCATION	MODEL NUMBER	TYPE	C.F.M.	HEATING				ELECTRICAL			REMARKS	
					E.A.T. (°F)	L.A.T. (°F)	M.B.H.	KW	FLA	MOCP	VOLTS/ PHASE		
EW-H-1	MAIN ENTRANCE	AWH4404F	WALL	100	65	112	5,118	1.5	7.2	15	208/1	1	
RP-1	RR 401A & 402A	CP508	LAY-IN	—	—	—	1,706	0.5	2.4	15	208/1	2	

NOTES: 1. PROVIDE UNIT MOUNTED THERMOSTAT.
2. PROVIDE WALL MOUNTED LINE VOLTAGE THERMOSTAT.

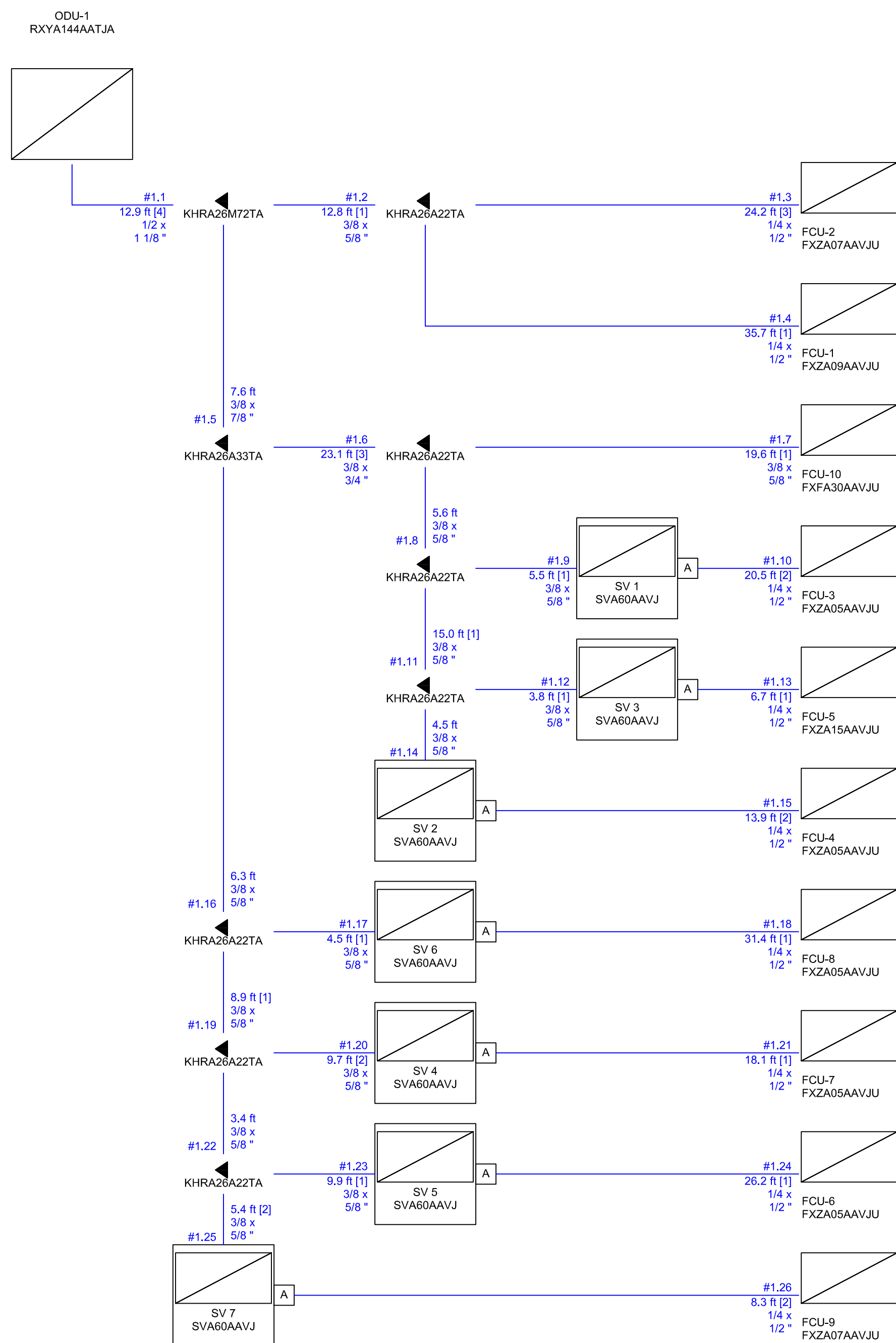
DUCTLESS SPLIT SYSTEM																									
BASED ON DAIKIN																									
INDOOR UNIT								COOLING DATA				HEATING DATA				OUTDOOR UNIT DATA								REMARKS	
TAG	LOCATION	MODEL NUMBER	TYPE	FAN DATA		ELECT. DATA		VOLTS/ PHASE	BTU/H		RATED COOLING CONDITIONS		BTU/H		RATED HEATING CONDITIONS		TAG	MODEL NUMBER	RATED COOLING CONDITIONS		SEER2	ELECT. DATA			VOLTS/ PHASE
				C.F.M.	MCA	MOCP	SENS.		TOTAL	E.D.B.	E.W.B.	TOTAL	E.D.B.	D.B.	W.B.	MCA			MOCP						
AC-1	COMMONS / PLAY 412	FCA36AAVJU	CEILING	1253	1.6	15.0	208/1	28,300	36,000	80°F	67°F	40,000	70°F	HP-1	RZA36AAVJU	95°F	75°F	20.0	34.6	35	208/1				
AC-2	PRESCHOOL CLASSROOM 408	FCA36AAVJU	CEILING	1253	1.6	15.0	208/1	28,300	36,000	80°F	67°F	40,000	70°F	HP-2	RZA36AAVJU	95°F	75°F	20.0	34.6	35	208/1				
AC-3	PRESCHOOL CLASSROOM 404	FCA36AAVJU	CEILING	1253	1.6	15.0	208/1	28,300	36,000	80°F	67°F	40,000	70°F	HP-3	RZA36AAVJU	95°F	75°F	20.0	34.6	35	208/1				
AC-4	PRESCHOOL CLASSROOM 402	FCA36AAVJU	CEILING	1253	1.6	15.0	208/1	28,300	36,000	80°F	67°F	40,000	70°F	HP-4	RZA36AAVJU	95°F	75°F	20.0	34.6	35	208/1				
AC-5	PRESCHOOL CLASSROOM 401	FCA36AAVJU	CEILING	1253	1.6	15.0	208/1	28,300	36,000	80°F	67°F	40,000	70°F	HP-5	RZA36AAVJU	95°F	75°F	20.0	34.6	35	208/1				
AC-6	OFFICE 403	FXFA09AAVJU	CEILING	441	0.3	15.0	208/1	8,550	9,500	80°F	67°F	10,500	70°F	HP-6	RXL48AAVJU	95°F	75°F	20.0	34.6	35	208/1				
AC-7	MAIN CORRIDOR - SOUTH	FXFA36AAVJU	CEILING	1253	1.6	15.0	208/1	32,400	36,000	80°F	67°F	40,000	70°F												
AC-8	I.T. / MECH	FTKF09BVJU	HIGH-WALL	381	0.2	15.0	208/1	8,250	9,000	80°F	67°F	—	—	HP-8	RKF09BVJU	95°F	75°F	21.0	11.6	15	208/1				
AC-9	CAFETORIUM	FXFA30AAVJU	CEILING	1059	1.0	15.0	208/1	26,817	30,000	80°F	67°F	34,000	70°F	HP-9	RXTA60AAVJU	95°F	75°F	20.5	34.6	35	208/1				
AC-10	CAFETORIUM	FXFA30AAVJU	CEILING	1059	1.0	15.0	208/1	26,817	30,000	80°F	67°F	34,000	70°F												

1. PROVIDE LOW AMBIENT KIT.
2. PROVIDE WIRED CONTROLLER.

DOAS SCHEDULE																															
BASED ON OXYGEN8																															
Tag	Model	Supply Airflow	Supply ESP	Pre-Heat Electric Heater				Cooling DX Coil					Heating DX Coil			Reheat Hot Gas Reheat Coil				Electrical Connections								Notes			
				EAT	LAT	Capacity Required	Capacity Max.	EAT		LAT		Total Capacity	EAT	LAT	Sensible Capacity	EAT	LAT	Sensible Capacity	Unit Electrical				Electric Heater								
								DB	WB	DB	WB								DB	LAT	DB	LAT	DB	FLA	MCA	RFS	Voltage		FLA	MCA	RFS
				CFM	In W.G.	oF	oF	(kW)	(kW)	oF	oF	oF	oF	MBH	oF	oF	MBH	oF	oF	MBH	(V/Ph/Hz)	(A)	(A)	(A)	(V)	(A)	(A)		(A)		
DOAS-1	TR-C-009	700	0.75	10.4	17	1.5	3	89.1	72.9	55.3	53.7	45.2	17	72	41.6	55	77	16.6	208V/1ph/60Hz	5.6	4.9	15	208V/1ph/60Hz	14.4	18	20	Electric heat requires separate power supply.				
DOAS-2	TR-C-012	1000	0.75	10.4	17	2.1	4	89.1	72.9	54.5	53.1	65.9	17	72	59.4	55	72.2	18.6	208V/1ph/60Hz	5.6	4.9	15	208V/1ph/60Hz	19.2	24	25	Electric heat requires separate power supply.				

NOTES:
1. Low-profile ceiling unit with sliding access doors for easy maintenance in tight spaces.
2. Unit shall provide 100% outside air without recirculation.
3. Provide units with direct drive plenum ECM Fans (< 1 WCFM)
4. Double wall insulated casing with minimum R6.5 per inch
5. Units shall include factory mounted BACNet IP controls with BTL Certification
6. Provide each unit with human interface controller.
7. Filter monitoring with remote alarm via pressure measurement across the filter, MERV13 filters on OA.
8. Certifications: UL and CSA
9. Factory mounted DX and HGRH coils, factory mounted and brazed Expansion Valve Kits (EEV) approved by Daikin utilized for temperature and humidity control. Daikin controller(s) are powered by the unit.
10. Ship loose temperature and humidity sensor for discharge air temperature and humidity control
11. Provide electric heaters with SCR control.
12. Separate power connection is required for the electric heater.
13. Provide return air CO2 sensor and control fans speed based on CO2 reading.

VRF SCHEDULE																					
BASED ON DAIKIN																					
INDOOR UNIT								COOLING DATA				OUTDOOR UNIT DATA								REMARKS	
TAG	LOCATION	MODEL NUMBER	TYPE	FAN DATA	ELECT. DATA		VOLTS/ PHASE	BTU/H		RATED COOLING CONDITIONS		TAG	MODEL NUMBER	RATED COOLING CONDITIONS		EER	ELECT. DATA		VOLTS/ PHASE		
				C.F.M.	MCA	MOCP		SENS.	TOTAL	E.D.B.	E.W.B.			D.B.	W.B.		MCA	MOCP			
FCU-1	OFFICE 421	FXZA09AAVJU	CEILING	282	0.3	15.0	208/1	5,899	8,037	75	63	ODU-1	RXYA144AATJA	95	76	11.0	50.0	60	208/3		
FCU-2	OFFICE 421	FXZA07AAVJU	CEILING	264	0.3	15.0	208/1	5,210	6,495	75	63										
FCU-3	OFFICE 426	FXZA05AAVJU	CEILING	280	0.3	15.0	208/1	4,377	4,954	75	63										
FCU-4	CONFERENCE ROOM 424	FXZA05AAVJU	CEILING	280	0.3	15.0	208/1	4,377	4,954	75	63										
FCU-5	BREAK 422	FXZA15AAVJU	CEILING	260	0.4	15.0	208/1	9,509	12,826	75	63										
FCU-6	DIRECTOR 421	FXZA05AAVJU	CEILING	260	0.3	15.0	208/1	4,377	4,954	75	63										
FCU-7	RECEPTION 416	FXZA05AAVJU	CEILING	260	0.3	15.0	208/1	4,377	4,954	75	63										
FCU-8	OFFICE / THERAPY 413	FXZA05AAVJU	CEILING	260	0.3	15.0	208/1	4,377	4,954	75	63										
FCU-9	PT / OT THERAPY 414	FXZA07AAVJU	CEILING	830	0.3	15.0	208/1	5,210	6,495	75	63										
FCU-10	CORRIDOR	FXFA30AAVJU	CEILING	260	1.0	15.0	208/1	20,207	25,978	75	63										



1 VRF PIPING DIAGRAM
H8.3 N.T.S.

ROGER D. FIELDS ASSOCIATES, INC.
580 N. 4th St. Suite 240
Columbus, Ohio 43215-2156
(614) 451-2248
www.rdfa.com
Project #:25096



Designed By:
Checked By:

HVAC DETAILS

PRESCHOOL EXPANSION AND DISTRICT OFFICE RENOVATION

145 N. CHERRY ST.
MOUNT GILEAD, OH 43338

PREPARED FOR:
MOUNT GILEAD EXEMPTED VILLAGE SCHOOL DISTRICT

schorr architects
inc.

230 Bradenton Ave.
Dublin, OH 43017
(614)798-2096

BID/PERMITS: JULY 2, 2026

ADDENDUM 1: JULY 20, 2026

COMM. NO.: 2604

H8.3

SIGNED

DATE

GENERAL ABBREVIATIONS

A.	COMPRESSED AIR	F & T	FLOAT & THERMOSTATIC
AB.	ABOVE	FT.	FEET
A.D.	ACCESS DOOR	FT. HD.	FEET OF HEAD
A.D.	AREA DRAIN	FOR	FUEL OIL RETURN
A.F.F.	ABOVE FINISHED FLOOR	FOS	FUEL OIL SUPPLY
AHU	AIR HANDLING UNIT	FPC	FIRE PROTECTION CONTRACTOR
ALT.	ALTERNATE	FURN.	FURNISH(ED)
ALUM	ALUMINUM	F.V.	FLUSH VALVE
A.P.	ACCESS PANEL	G	GAS
APPROX.	APPROXIMATELY	GALV.	GALVANIZED
ARCH.	ARCHITECT	G.C.	GENERAL CONTRACTOR
ARRT.	ARRANGEMENT	GEN.	GENERAL
AUTO.	AUTOMATIC	G.F.I.	GROUND FAULT INTERRUPTER
AV	ACID VENT	G.I.	GREASE INTERCEPTOR
@	AT	GPM	GALLONS PER MINUTE
AW	ACID WASTE	GR	GRILLE
&	AND	GRAV.	GRAVITY
2	ANGLE	G.T.C.	GENERAL TRADES CONTRACTOR
DAL	DRAIN	H	HEAT DETECTOR
B.D.D.	BACKDRAFT DAMPER	H.O.A.	HAND-OFF-AUTO
BFP	BACKFLOW PREVENTER	H/HT.	HEIGHT
BHG	BRAKE HORSEPOWER	HAC	HEATING AND AIR CONDITIONING
BLDG.	BUILDING	HB	HOSE BIB
BSBD, RAD.	BASEBOARD RADIATION	HORIZ.	HORIZONTAL
BSMT.	BASEMENT	HP	HEAT PUMP
B.T.	BATH TUB	HP	HIGH PRESSURE
B.T.	BLACKTOP	HP	HORSEPOWER
BTM.	BOTTOM	HPS	HIGH PRESSURE STEAM
BTU	BRITISH THERMAL UNIT	H.S.	HAIR STRAINER
B.V.	BACKWATER VALVE	HTG.	HEATING
CAB.	CABINET	HTR.	HEATER
CAP.	CAPACITY	HV	HEATING & VENTILATING
C.B.	CATCH BASIN	HV	HIGH VELOCITY
C/C	CENTER TO CENTER	HYAC	HEATING, VENTILATING AND AIR CONDITIONING
CEIL./CLG.	CEILING	HSTAT	HUMIDISTAT
CFH	CUBIC FEET PER HOUR	I.D.	INSIDE DIAMETER
CFM	CUBIC FEET PER MINUTE	IDF	INTERMEDIATE DISTRIBUTION FRAME
CHEM.	CHEMICAL	IN	INSIDE
C.I.	CAST IRON	IND.	INDIRECT
CL	CENTERLINE	IND. U.	INDIRECT UNIT
C.O.	CLEANOUT	INV.	INVERT
CC	CARBON MONOXIDE	INV. ELEV.	INVERT ELEVATION
COL.	COLUMN	INSUL.	INSULATION
COMB.	COMBINATION	INT.	INTERIOR
CONC.	CONCRETE	J.R.	JANITOR'S RECEPTOR
COND.	CONDENSATE/CONDENSER	K.E.C.	KITCHEN EQUIPMENT CONTRACTOR
CONN.	CONNECTION/CONNECT	L.	LENGTH
CONST.	CONSTRUCTION	LAB	LABORATORY
CONTR.	CONTRACTOR	L.A.T.	LEAVING AIR TEMPERATURE
CONV.	CONVECTOR/CONVERTER	LAV	LAVATORY
COORD.	COORDINATE	LH	LEFT HAND
CRU	COMPUTER ROOM UNIT	LPS	LOW PRESSURE STEAM
CU	CONDENSING UNIT	LV	LOW VOLTAGE
CUH	CABINET UNIT HEATER	LVS	LEAVING
CU, FT.	CUBIC FEET	L.W.T.	LEAVING WATER TEMP.
DB	DEEP	M.A.	MIXED AIR
DBL	DOUBLE	MAN. DPR.	MANUAL DAMPER
DCW	DOMESTIC COLD WATER	MAT.	MATERIAL
DET.	DETAIL	MAX.	MAXIMUM
DEG. F.	DEGREES FARENHEIGHT	MBH	THOUSAND BTU PER HOUR
D.F.	DRINKING FOUNTAIN	MDF	MAIN DISTRIBUTION FRAME
DHW	DOMESTIC HOT WATER	MECH.	MECHANICAL
DHW/R	DOM. HOT WATER RETURN	MET/MTL.	METAL
DIA. OR Ø	DIAMETER	MEZZ.	MEZZANINE
DIFF.	DIFFUSER	MFR.	MANUFACTURER
DIM.	DIMENSION	MH	MANHOLE
DISCH.	DISCHARGE	MIN.	MINIMUM
D.L.	DOOR LOUVER	MISC.	MISCELLANEOUS
D.M.	DAMPER MOTOR	M.O.	MOTOR OPERATED
DN.	DOWN	MPS	MEDIUM PRESSURE STEAM
DPR.	DAMPER	MS	MOTOR STARTER
DR.	DOOR	MTD./MT.	MOUNTED/MOUNT
D.S.	DOWNSPOUT	N.	NITROGEN
DW	DISTILLED WATER	NAC	NOTIFICATION APPLIANCE CIRCUIT
DWH	DOMESTIC WATER HEATER	N.L.C.	NOT IN CONTRACT
DWV	DRAIN, WASTE AND VENT	NO./#	NUMBER
DWG.	DRAWING	NOM.	NOMINAL
EA.	EACH	N.T.S.	NOT TO SCALE
E.A.T.	ENTERING AIR TEMPERATURE	N.C.	NITROUS OXIDE
E.C.	ELECTRICAL CONTRACTOR	O	OXYGEN
EF	EXHAUST FAN	O.A.	OUTSIDE AIR
EFF.	EFFICIENCY	O.C.	ON CENTER
ELEC.	ELECTRIC, ELECTRICAL	O.D.	OUTSIDE DIAMETER
ELEM.	ELEMENT	OFCC	OHIO FACILITIES CONSTRUCTION COMMISSION
ELEV.	ELEVATION	O.I.	OIL INTERCEPTOR
EMERG.	EMERGENCY	OP.	OPENING
ENGR.	ENGINEER	OPP.	OPPOSITE
ENT.	ENTERING	OSDM	OHIO SCHOOL DESIGN MANUAL
EQUIP.	EQUIPMENT	OUNCE	OUNCE
E.S.P.	EXTERNAL STATIC PRESSURE	O.V.	OUTLET VELOCITY
E.T.	EXPANSION TANK	P.	PROPANE
EW	EYE WASH	P.C.	PLUMBING CONTRACTOR
EW/C	ELECTRIC WATER COOLER	P.D.	PRESSURE DROP
EUH	ELECTRIC UNIT HEATER	P.I.V.	POST INDICATOR VALVE
EWH	ELECTRIC WALL HEATER	PL	PROPERTY LINE
E.W.T.	ENTERING WATER TEMP.	PLBG.	PLUMBING
EX/EXIST.	EXISTING	PNEU.	PNEUMATIC
EXH	EXHAUST	PRESS.	PRESSURE
EXT.	EXTERIOR	PRV	PRESSURE REDUCING VALVE
F.	FAN	PROP.	PROPELLER
F.	FIRE	PS	PRESSURE SWITCH
FACP	FIRE ALARM CONTROL PANEL	PSI	POUNDS PER SQUARE INCH
FD	FLOOR DRAIN	PSIG	POUNDS PER SQUARE INCH GAUGE
F.D.	FIRE DAMPER	PSF	POUNDS PER SQUARE FOOT
F.E.	FIRE EXTINGUISHER	PT	PLASTER TRAP
F.E.C.	FIRE EXTINGUISHER CABINET	R	REGISTER
FS.E.C.	FOOD SERVICE EQUIPMENT CONTRACTOR	R.A.	RETURN AIR
F.H.	FIRE HYDRANT	RAD.	RADIUS/RADIATION/RADIATOR
F.H.C.	FIRE HOSE CABINET	R.D.	ROOF DRAIN
F.H.E.C.	FIRE HOSE/EXTINGUISHER CABINET	RECIRC.	RECIRCULATING
FIG.	FIGURE	REG.	REGISTER
FIN.	FINISH	REINF.	REINFORCED
FIN. RAD.	FINNED RADIATION	REL.	RELIEF
FLA	FULL LOAD AMPS	REQ'D.	REQUIRED
FLEX.	FLEXIBLE	RH	RIGHT HAND
FLR./FL.	FLOOR	RHC	REHEAT COIL
FSM	FEET PER MINUTE	RM.	ROOM

RPM	REVOLUTIONS PER MINUTE
RTU	ROOFTOP UNIT
RWC	RAINWATER CONDUCTOR
RW	RAW WATER
R/W	RIGHT OF WAY
S.	SINK
S.A.	SHOCK ABSORBER
S.A.	SUPPLY AIR
SAN.	SANITARY SEWER
SE	SHAMPOO BOWL
SD	SHOWER DRAIN
S. DPR.	SMOKE DAMPER
SECT.	SECTION
S.F.	SQUARE FEET
SHR.	SHOWER
SHT.	SHEET
SHT. MTL.	SHEET METAL
SM	SMOKE DETECTOR
S.M., S/M	SHEET METAL
S.P.	STATIC PRESSURE
SPEC.	SPECIFICATION
SO	SQUARE
SO.FT.	SQUARE FEET
S & R	SUPPLY & RETURN
S.S.	SERVICE SINK
S.S., S/S	STAINLESS STEEL
ST	SOUND TRAP
STAT.	THERMOSTAT
STD.	STANDARD
STL.	STEEL
STM.	STORM
SUCT./S	SUCTION
SW.	SWITCH
SW	SOFTENED WATER
TD	TEMPERATURE DIFFERENCE
TEMP.	TEMPERATURE
THERM.	THERMOMETER/ THERMOSTAT
TMV	THERMOSTATIC MIXING VALVE
TS	TAMPER SWITCH
TSTAT	THERMOSTAT
T.W.	TEMPERED WATER
TYP.	TYPICAL
UC	UNDERCUT
UH	UNIT HEATER
UR	URINAL
UV	UNIT VENTILATOR
V	VENT
VAC.	VACUUM
VAV	VARIABLE AIR VOLUME
VC	VACUUM CLEANING
VCF	VITRIFIED CLAY PIPE
VERT.	VERTICAL
VIB. ISO	VIBRATION ISOLATOR
VSF	VITRIFIED SEWER PIPE
V.T.R	VENT THRU ROOF
W.	WIDTH OR WATER
W.	WITH
WAT.	WATER
WB	WET BULB
WC	WATER CLOSET
WCB	WASHER CONNECTION BOX
W.G.	WATER GAUGE
WH	WALL HYDRANT
WH	WATER HEATER
WO	WASTE OIL
W/O	WITHOUT
W.P.	WEATHERPROOF
WW	WALL TO WALL
XFMF	TRANSFORMER
YD	YARD
YF	YARD HYDRANT

ELECTRICAL SYMBOLS

1. ALL SYMBOLS NOT NECESSARILY USED. 2. MOUNTING HEIGHT (M.H.) IS TO CENTERLINE OF DEVICE. 3. MOUNTING HEIGHT ON PLAN SUPERSEDES THIS SCHEDULE. 4. RTD: REFER TO DRAWING. 5. ADJUST MOUNTING HEIGHTS OF DEVICES WHICH PROTRUDE MORE THAN 4" INTO CORRIDORS AND WALKWAYS AS NECESSARY TO MEET A.C.A. CLEARANCE REQUIREMENTS.					
SYMBOL	ITEM	M.H.	SYMBOL	ITEM	M.H.
	SURFACE MOUNTED LIGHTING FIXTURE			FIRE ALARM CONTROL PANEL	TOP @ 60"
	RECESSED MOUNTED FLAT PANEL LTG FIXTURE			FIRE ALARM ANNUNCIATOR	TOP @ 60"
	LTG FIXTURE W/CENTER BASKET, ORIENT AS SHOWN ON DWGS.			EMERGENCY GENERATOR ANNUNCIATOR	TOP @ 48"
	LTG FIXTURE W/CENTER BASKET, ORIENT AS SHOWN ON DWGS.			AUDIOVISUAL ALARM BELL	80"
	CEILING MOUNTED FIXTURE			VISUAL ALARM STROBE	80"
	LIGHTING ON EMERGENCY CIRCUIT			CARBON MONOXIDE DETECTOR	4'-6" BELOW CLG.
	WALL MOUNTED FIXTURE	RTD		CEILING SMOKE DETECTOR	
	WALL MOUNTED FIXTURE, EM CIRCUIT	RTD		CEILING SMOKE DETECTOR W/ SOUNDER BASE	
	SINGLE FACE EXIT LIGHT W/DIRECTION ARROW			HEAT DETECTOR	
	DOUBLE FACE EXIT LIGHT W/DIRECTION ARROWS			COMBINATION SMOKE/CO DETECTOR	
	SWITCH, 3-WAY, 4-WAY, KEY, PILOT	48"		WATER FLOW SWITCH	
	SWITCH, LOW VOLTAGE	48"		SUPERVISORY SWITCH	
	PUSHBUTTON SWITCH	48"		PRESSURE SWITCH	
	SWITCHED LOADS, WIRING & CONDUIT			TAMPER SWITCH	
	PUSHBUTTON SWITCH	48"		FIRE ALARM SYSTEM CONDUIT	
	WALL DIMMER, 3-WAY	48"		TV OUTLET	18"
	LOW VOLTAGE WALL DIMMER	48"		TV SYSTEM CONDUIT	
	DUPLEX RECEPT., QUADRIPLEX	18"		CLOCK OUTLET	80"
	SINGLE RECEPT.	18"		CLOCK	80"
	LIGHT OR DEVICE ON EMERG. CIRCUIT			CLOCK SYSTEM CONDUIT	
	FLOOR RECEPT., FLOOR TECHNOLOGY OUTLET			INTERCOM MASTER	RTD
	TECHNOLOGY OUTLET	18"		INTERCOM STAFF STATION	48"
	TECHNOLOGY CONDUIT			REMOTE INTERCOM	48"
	30 AMP, 208V. OUTLET	18"		INTERCOM SYSTEM CONDUIT	
	SPECIAL POWER OUTLET	18"		CEILING SPEAKER	
	JUNCTION BOX	RTD		WALL SPEAKER	80"
	SINGLE-PHASE MOTOR			CEILING SOUND REINFORCEMENT SPEAKER	
	THREE-PHASE MOTOR			WALL SOUND REINFORCEMENT SPEAKER	80"
	MAGNETIC STARTER			VOLUME CONTROL	48"
	COMBINATION STARTER/DISCONNECT SWITCH			HORN SPEAKER	80"
	NON-FUSED DISCONNECT SWITCH			MICROPHONE JACK	RTD
	FUSED DISCONNECT SWITCH (30A FUSES)			BUZZER	80"
	SPEED CONTROLLER	48"		LOW VOLTAGE TRANSFORMER	RTD
	ELECTRIC THERMOSTAT	48"		SOUND SYSTEM CONDUIT	
	PANELBOARD	TOP @ 72"		PROGRAM BELL	80"
	WIRING ABOVE CEILING OR IN JOIST SPACE			WEATHERPROOF	
	WIRING UNDER FLOOR OR IN WALL			CIRCUIT	
	HOME RUN TO PANEL 'X', 2-POLE BRKR.			GROUND FAULT INTERRUPTER	
	EMERGENCY CIRCUIT			BEDSIDE STATION (SINGLE, DUAL)	60"
	MANUAL FIRE ALARM PULL STATION	48"		EMERGENCY, STAFF STATIONS	48"
	AUDIO ALARM HORN	80"		NURSES' CALL ANNUNCIATOR	
	CEILING SMOKE DET. W/ SOUNDER BASE			NURSES' CALL SYSTEM CONDUIT	
	AUDIOVISUAL ALARM HORN/STROBE	80"		EXISTING LIGHT, DEVICE OR SWITCH	
	COMBINATION SMOKE/AUDIOVISUAL ALARM SPEAKER/STROBE	EXIST. LOCAL		RELOCATED EXISTING DEVICE	
	CONTACTOR 'C1'			EXISTING WIRING TO REMAIN	
	SECURITY MOTION DETECTOR	84"		ITEM TO BE REMOVED	
	SECURITY DOOR SWITCH			TIME CLOCK	RTD
	SECURITY WINDOW SWITCH			BLANK OUTLET BOX	
	ELECTRIC LOCK			CONNECT TO EXISTING	
	REMOTE DOOR RELEASE	48"		SECURITY GLASS BREAK	
	CARD READER	48"		SECURITY SIREN	80"
	CCTV CAMERA	RTD		SECURITY KEYPAD	48"
	ALARM STROBE/BEACON	80"		OCCUPANCY/VACANCY SENSOR (WALL)	
	ISOLATED GROUND RECEPTACLE	18"		OCCUPANCY/VACANCY SENSOR (CEILING)	
				DIMMING VACANCY SENSOR	
				AUXILIARY WALL PANEL	80"

ELECTRICAL GENERAL NOTES (APPLIES TO ALL SHEETS)

- A. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT LOCATION OF ALL LIGHTING FIXTURES.
- B. ELECTRICAL CONTRACTOR SHALL COORDINATE LOCATIONS OF ALL DIVISION 26, 27, AND 28 EQUIPMENT AND DEVICES WITH CEILINGS, SOFFITS, DIFFUSERS, GRILLES, REGISTERS, SPRINKLERS, STRUCTURAL MEMBERS, JOISTS, METAL DECKS, BRACING, PIPING, DUCTWORK, HANGERS, AND MECHANICAL EQUIPMENT, ETC.
- C. REFER TO HVAC DRAWINGS FOR ADDITIONAL DIVISION 23 REQUIREMENTS. COORDINATE LOCATIONS OF CO2 SENSORS AND THERMOSTAT BACK BOXES. PROVIDE ALL ROUGH-INS FOR CO2 SENSORS AND THERMOSTATS AS INDICATED ON HVAC SHEETS. COORDINATE SIZES AND LOCATIONS WITH HVAC CONTRACTOR PRIOR TO ROUGH-IN.
- D. REFER TO TECHNOLOGY DRAWINGS FOR ADDITIONAL DIVISION 27 REQUIREMENTS. COORDINATE LOCATIONS OF ALL POWER ROUGH-INS WITH TELEDATA DEVICES. PROVIDE ALL ROUGH-INS FOR ALL TECHNOLOGY DEVICES AND ALL PATHWAYS AS DETAILED ON TECHNOLOGY SHEETS. COORDINATE EXACT LOCATIONS AND REQUIREMENTS WITH TECHNOLOGY CONTRACTOR PRIOR TO ROUGH-IN.
- E. REFER TO TECHNOLOGY DRAWINGS FOR ADDITIONAL DIVISION 28 REQUIREMENTS. COORDINATE LOCATIONS OF ALL POWER ROUGH-INS WITH SECURITY DEVICES. PROVIDE ALL ROUGH-INS FOR ALL SECURITY AND ELECTRONIC DEVICES AS DETAILED ON TECHNOLOGY SHEETS. COORDINATE EXACT LOCATIONS AND REQUIREMENTS WITH SECURITY CONTRACTOR PRIOR TO ROUGH-IN.
- F. E.C. SHALL REFER TO DIVISION 27/28 DRAWINGS WHERE THERE ARE DISCREPANCIES WITH THE DIVISION 26 DRAWINGS.
- G. PROVIDE FIRE CAULK AT ALL PENETRATIONS THROUGH RATED WALLS. ALL PENETRATIONS THROUGH FIRE-RATED PARTITIONS SHALL BE COMPLETELY SEALED AS PER SPECIFICATIONS, ASSOCIATED DETAILS, OR AN APPROVED UL-LISTED SYSTEM. SEE ARCHITECTURAL DRAWINGS FOR IDENTIFICATION DETAILS.
- H. ALL NEW ELECTRICAL WORK SHALL BE CONCEALED FROM VIEW (IN FINISHED AREAS). ANY CONDUIT THAT MUST BE VISIBLE SHALL BE COORDINATED AND APPROVED BY ARCHITECT PRIOR TO ROUGH-IN.
- I. ALL BRANCH CIRCUIT WIRING SHALL BE RUN ABOVE CEILING OR IN WALL. NO UNDERFLOOR CONDUIT IS PERMITTED, UNLESS NOTED OTHERWISE.
- J. WIRE ALL FIRE ALARM DEVICES TO FIRE ALARM CONTROL PANEL (FACP) OR NEARBY NOTIFICATION APPLIANCE CIRCUIT (NAC) PANEL. INTERCONNECT SYSTEM AS REQUIRED FOR COMPLETE OPERATING FIRE ALARM SYSTEM.
- K. VACANCY/OCCUPANCY SENSORS IN ROOM SHALL CONTROL ALL LIGHTING CIRCUITS WITHIN THAT ROOM. PROVIDE THE NUMBER OF POWER PACKS AS REQUIRED FOR PROPER OPERATION OF ALL SWITCHED CIRCUITS.
- L. COORDINATE APPLICABLE RECEPTACLE MOUNTING HEIGHTS WITH FURNITURE SUPPLIER AND CMU BLOCK COURSES.
- M. PROVIDE BATTERY BACK UP IN ALL NIGHTLIGHT FIXTURES TO TURN ON DURING A POWER FAILURE UNTIL THE FACILITY'S GENERATOR IS UP AND RUNNING.
- N. EMERGENCY TRANSFER DEVICES (ETD) SHALL BE PROVIDED AS INDICATED. DEVICE SHALL ALLOW EMERGENCY CIRCUIT TO POWER FIXTURE REGARDLESS OF LOCAL SWITCH POSITION.
- O. ANY CHANGES TO KITCHEN EQUIPMENT FROM THE BASIS OF DESIGN INCURRED BY THE ELECTRICAL CONTRACTOR SHALL BE AT THE EXPENSE OF THE KITCHEN EQUIPMENT CONTRACTOR.
- P. ELECTRICAL CONTRACTOR SHALL COORDINATE ALL NEMA RECEPTACLE CONFIGURATIONS WITH ANY NEMA PLUG CONFIGURATION ON EQUIPMENT PROVIDED BY OTHERS PRIOR TO INSTALLATION.
- Q. WIRE EXIT, EGRESS, AND NIGHTLIGHTS TO LOCAL EMERGENCY LIGHTING CIRCUIT AHEAD OF ANY SWITCHING. CONTRACTOR SHALL ENSURE LOCAL CIRCUIT IS NOT OVERLOADED.
- R. PROVIDE UNISTRUT STEEL ANGLES, CHANNELS, STEEL WIRE HANGER SUPPORTS, HURRICANE/EARTHQUAKE ("CADDY") CLIPS, ETC. AS REQUIRED TO SECURELY MOUNT LIGHTING FIXTURES TO ELEMENTS OF THE BUILDING STRUCTURE.
- S. ALL 20 AMP, 120 VOLT, SINGLE PHASE BRANCH CIRCUIT WIRING SHALL BE (2) #12 CU, (1) #12 CU GRD. IN 3/4" CONDUIT UNLESS NOTED OTHERWISE. CONTRACTOR SHALL UPSIZE WIRE ACCORDINGLY FOR 3% VOLTAGE DROP MAXIMUM WHERE NECESSARY.
- T. MAKE ALL FINAL CONNECTIONS TO ALL EQUIPMENT (INCLUDING EQUIPMENT PROVIDED BY OTHERS) FOR COMPLETE, FULLY OPERATING SYSTEM.
- U. (NOT USED.)
- V. DISCONNECT AND REMOVE ALL ITEMS SHOWN DASHED.
- W. DISCONNECT AND REMOVE ALL EXISTING WIRING AND CONDUIT NO LONGER BEING USED.
- X. ALL 20 AMP, 125 VOLT SINGLE AND DUPLEX RECEPTACLES SHALL BE TAMPER-RESISTANT.
- Y. 120V CABINET UNIT HEATERS, HOT WATER UNIT HEATERS, AND EXHAUST FANS SHALL HAVE INTEGRAL DISCONNECTING MEANS.
- Z. 208V FAN COIL UNITS SHALL BE CONNECTED THRU A MOTOR-RATED TOGGLE SWITCH FOR EACH UNIT.
- AA. VFDs SHALL BE FURNISHED BY THE MECHANICAL CONTRACTOR AS AN INTEGRAL PART OF THE EQUIPMENT.
- AB. CONTRACTOR SHALL VERIFY VOLTAGE OF ALL SWITCHES AND DIMMERS SHOWN ON DRAWINGS.

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Project #:25096



Designed By: JML
Checked By: SKS

GENERAL NOTES & ABBREVIATIONS

PRESCHOOL EXPANSION AND DISTRICT OFFICE RENOVATION

145 N. CHERRY ST.
MOUNT GILEAD, OH 43338

PREPARED FOR:
MOUNT GILEAD EXEMPTED VILLAGE SCHOOL DISTRICT



230 Bradenton Ave.
Dublin, OH 43017
(614)798-2096

BID/PERMITS: JULY 2, 2026

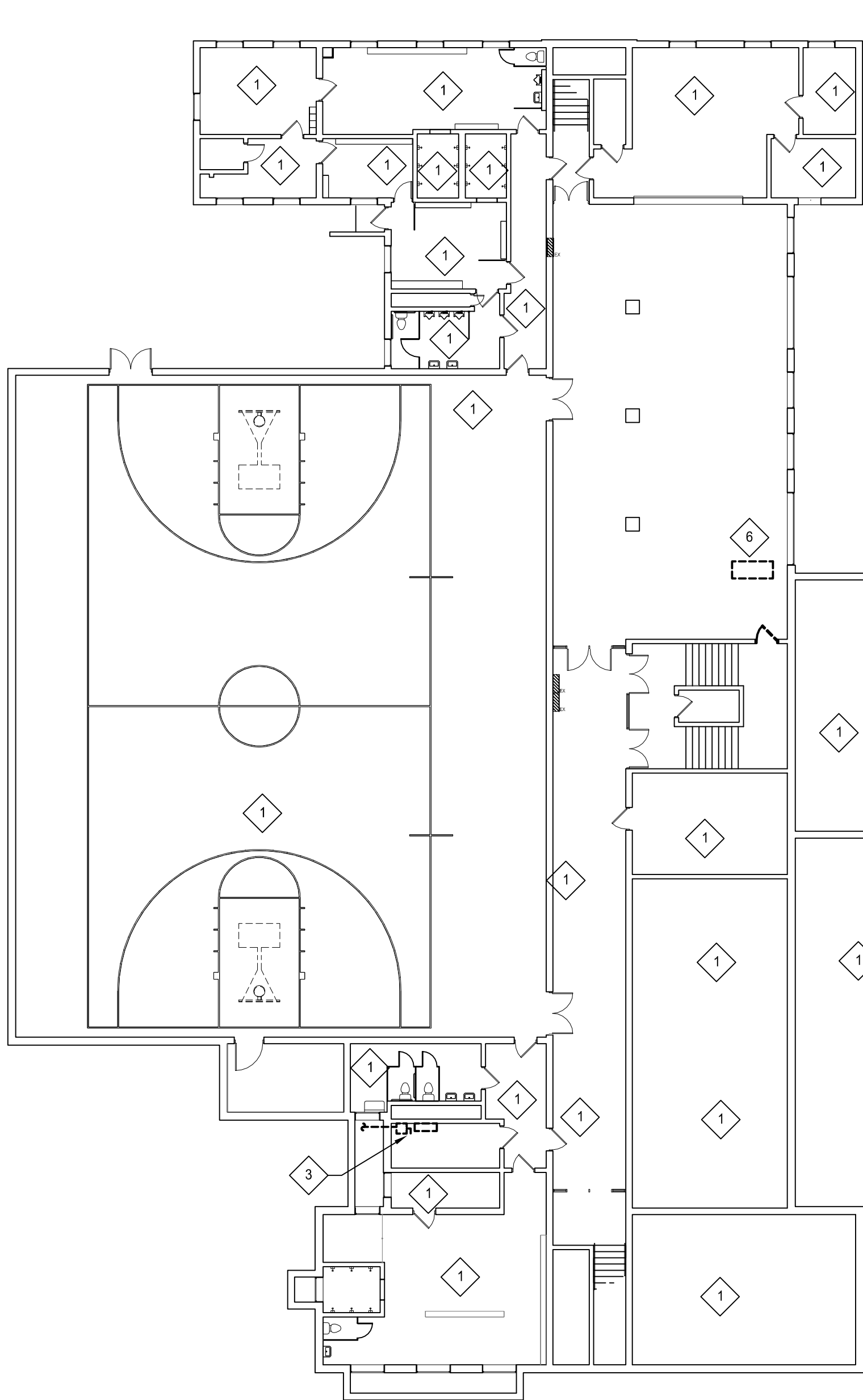
ADDENDUM 1: JULY 20, 2026

COMM. NO.: 2604

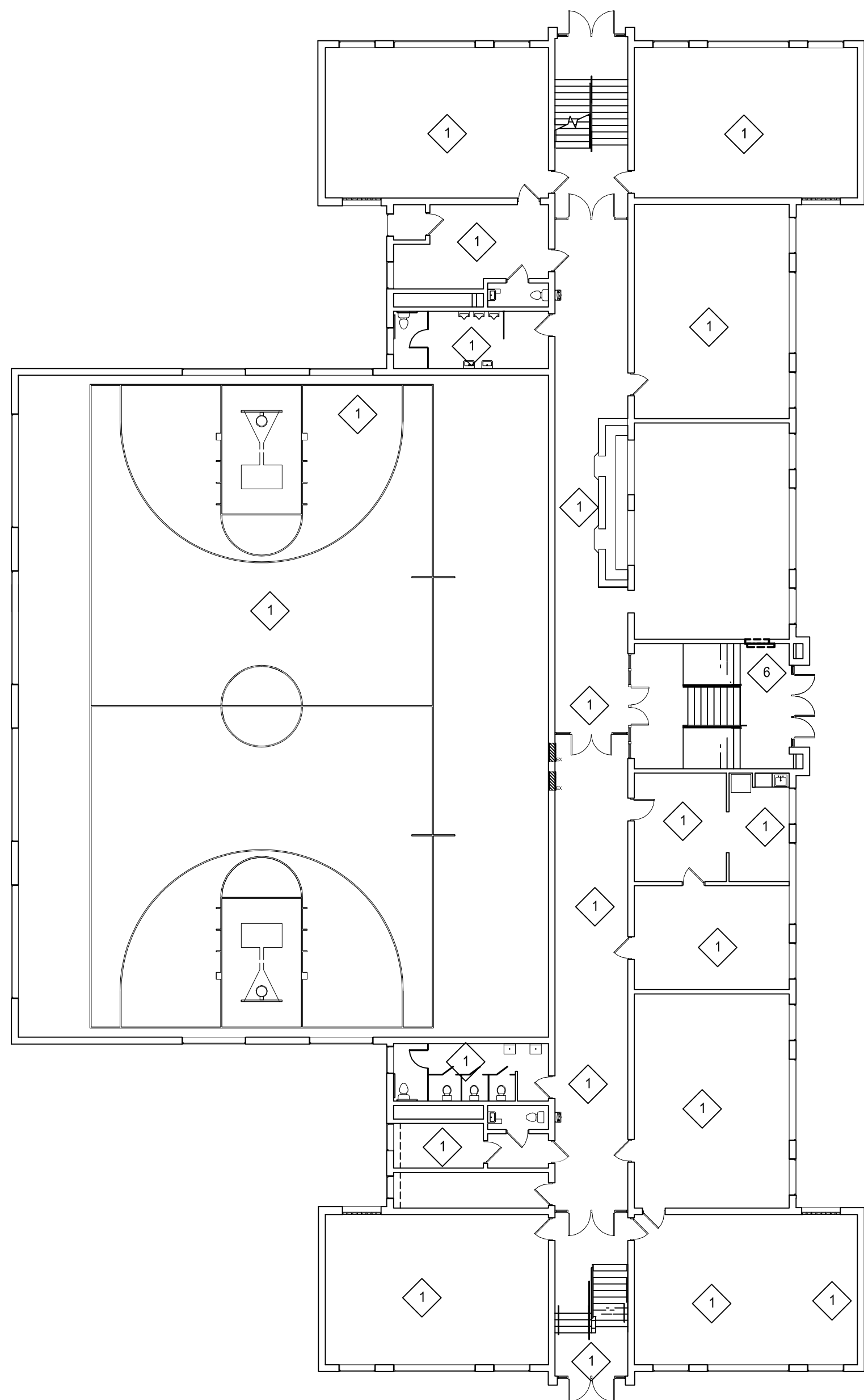
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SIGNED _____ DATE _____

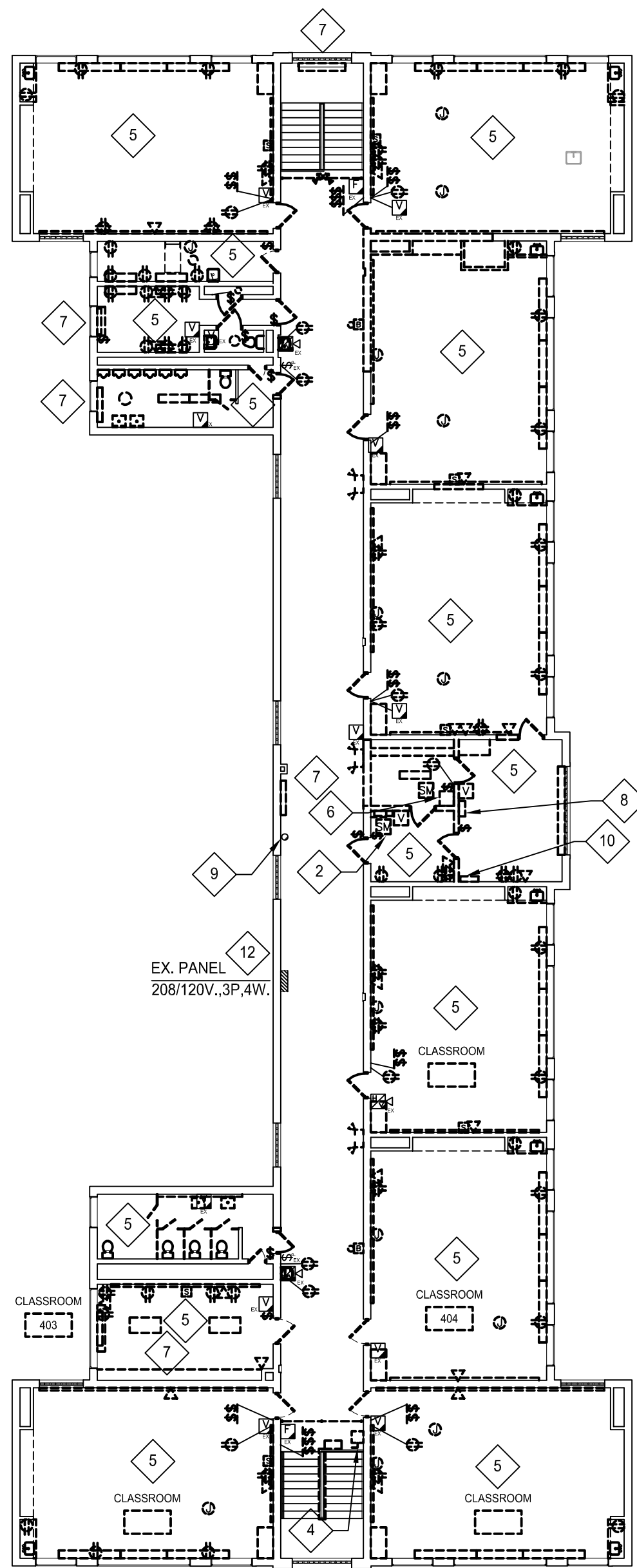
- ELECTRICAL DEMOLITION CODED NOTES
1. NO WORK IN THIS ROOM/AREA UNLESS OTHERWISE INDICATED.
 2. DISCONNECT, REMOVE AND RELOCATE EXISTING FIRE-LITE MS-10UD-7 FIRE ALARM CONTROL PANEL, SMOKE DETECTOR AND NOTIFICATION DEVICE. REFER TO NEW WORK FLOOR PLAN, SHEET 020.
 3. DISCONNECT AND REMOVE EXISTING SECONDARY 400A SERVICE DISCONNECT SWITCH AND EXISTING DISTRIBUTION PANEL. REMOVE WIRING BACK TO REMOTE BUILDING SERVICE ENTRANCE.
 4. DISCONNECT AND REMOVE EXISTING STAIR LIFT DISCONNECT SWITCH. REMOVE POWER BACK TO SOURCE. LIFT BEING REMOVED BY OTHERS.
 5. DISCONNECT AND REMOVE ALL OUTLETS, SWITCHES, SPEAKERS, DATA OUTLETS, CONDUIT, JUNCTION BOXES AND HVAC POWER IN THIS ROOM/AREA BACK TO SOURCE. EXISTING FIRE ALARM SYSTEM NOTIFICATION DEVICES AND RESPECTIVE CONDUIT SHALL REMAIN.
 6. DISCONNECT POWER FROM EXISTING HEATER BEING REMOVED BY OTHERS. UPDATE PANEL DIRECTORY.
 7. DISCONNECT POWER FROM EXISTING FAN COIL UNIT BEING REMOVED BY OTHERS. UPDATE PANEL DIRECTORY.
 8. DISCONNECT AND REMOVE EXISTING MASTER CLOCK SYSTEM.
 9. EXISTING FIRE ALARM WIRING CONDUIT THROUGH THE FLOOR AND ALONG THE WALL.
 10. DISCONNECT, REMOVE AND RELOCATE EXISTING FIRE ALARM COMMUNICATOR. REFER TO NEW WORK ON POWER FLOOR PLAN SHEET E2.12.
 11. (NOT USED.)
 12. CONFIRM ALL CIRCUITS IN THIS EXISTING PANEL ARE EMPTY AFTER DEMO IS COMPLETE. IF ANY CIRCUITS STILL HAVE LOAD, NOTIFY ENGINEER VIA R.F.I. REUSE EXISTING CIRCUIT BREAKERS IN EXISTING PANEL FOR NEW CIRCUITS. (EXISTING PANEL HAS NO IDENTIFIABLE NAME/LABEL, THEREFORE IT IS BEING LABELED AS "2P" AS PART OF THIS PROJECT.)



1 ELECTRICAL DEMOLITION - GROUND FLOOR PLAN
1/16" = 1'-0"



2 ELECTRICAL DEMOLITION- FIRST FLOOR PLAN
1/16" = 1'-0"



3 ELECTRICAL DEMOLITION - SECOND FLOOR PLAN
1/16" = 1'-0"

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DEMOLITION FLOOR PLANS

PRESCHOOL EXPANSION AND
DISTRICT OFFICE RENOVATION

145 N. CHERRY ST.
MOUNT GILEAD, OH 43338

PREPARED FOR:
MOUNT GILEAD EXEMPTED VILLAGE SCHOOL DISTRICT

schorr architects inc. 230 Bradenton Ave.
Dublin, OH 43017
(614) 798-2096

BID/PERMITS: JULY 2, 2026

ADDENDUM 1: JULY 20, 2026

COMM. NO.: 2604

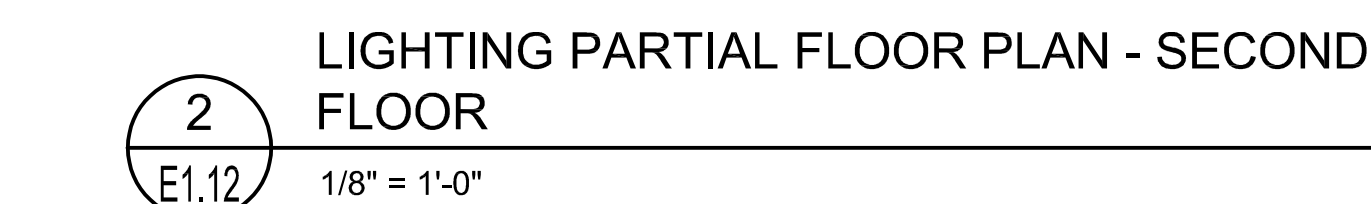
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SIGNED _____ DATE _____

A. ELECTRICAL CONTRACTOR SHALL COORDINATE LOCATIONS OF ALL LIGHTING FIXTURES AND OTHER ELECTRICAL ITEMS, INCLUDING ELECTRICAL EQUIPMENT, SPEAKERS, OCCUPANCY SENSORS, CONDUITS, AND FIRE ALARM DEVICES WITH CEILINGS, SOFFITS, DIFFUSERS, GRILLES, REGISTERS, STRUCTURAL MEMBERS, JOISTS, BRACING, PIPING, DUCTWORK, HANGERS, AND MECHANICAL EQUIPMENT, ETC.

B. SHADED (EMERGENCY) FIXTURES: PROVIDE FIXTURE WITH INTEGRAL BACKUP EMERGENCY BATTERY. FIXTURE SHALL OPERATE VIA LOCAL SWITCHING/CONTROLS WHEN ON NORMAL POWER

1. NO WORK IN THIS ROOM/AREA UNLESS OTHERWISE NOTED.
2. WIRE SO THAT ASSOCIATED EXHAUST FAN OPERATES WHEN RESTROOM IS OCCUPIED AND LIGHTS ARE ON. REFER TO EXHAUST FAN WIRING DIAGRAM ON SHEET E7.10.
3. LOW VOLTAGE KEYED OVERRIDE LIGHTING SWITCH; PROVIDE 3- OR 4-WAY AS INDICATED.
4. WIRE THROUGH LOW VOLTAGE RELAY PANEL LVPR-A AND ON TO CIRCUIT INDICATED.



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Designed By: JML
Checked By: SKS

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LIGHTING FIXTURE SCHEDULE							
NOTE: FIXTURE NUMBER, LETTER PREFIX INDICATES TYPE OF MOUNTING AS FOLLOWS: CH-CHAIN HUNG; CL-CEILING MOUNTED; S-STEM SUSPENDED; W-WALL MOUNTED; R-CEILING RECESSED; WR-WALL RECESSED; CV-COVE MOUNTED; UC-UNDER CABINET; RF-ROOF MOUNTED; P-POST OR POLE; GR-GROUND MOUNTED; H-MOUNTED IN HOOD							
FIXTURE TYPE	MANUFACTURER	CATALOG NO./MODEL NO.	QTY/WATTAGE/TYPE	COLOR TEMP/LUMENS	FINISH	DESCRIPTION	#SPARES
CL1	LITHONIA OR APPROVED EQUAL BY EELP, CHLORIDE, DUAL LITE, EMERGI-LITE, OR SURE-LITES	LQMS W3 R 120277	LED <1W	-	WHITE	LED THERMOPLASTIC INTERIOR EXIT LIGHT WITH WHITE HOUSING, RED LETTERS AND BATTERY BACK-UP. PROVIDE NUMBER OF FACES AS SHOWN ON DRAWINGS.	5%, (3) MINIMUM PER TYPE/ WATTAGE.
W2	LITHONIA OR APPROVED EQUAL BY EELP, CHLORIDE, DUAL-LITE, EMERGI-LITE, OR EXITRONIX	ELM6L UVOLT LTP	2/10.6WLED	1100 LUMENS	WHITE	LED THERMOPLASTIC INTERIOR EMERGENCY WALL PACK WITH BATTERY BACK-UP.	5%, (3) MINIMUM PER TYPE/ WATTAGE.
W3	LITHONIA OR APPROVED EQUAL BY EELP, CHLORIDE, DUAL LITE, EMERGI-LITE, OR SURE-LITES	LHQM S WR MVOLT	2/1.2WLED	-	WHITE	LED INTERIOR COMBINATION EXIT/EMERGENCY LIGHT WITH BATTERY BACK-UP.	1
R4 R4A R4E/R4AE	LITHONIA OR APPROVED EQUAL BY METALUX, COLUMBIA, WILLIAMS OR DAY-BRITE	2BLT4 48L ADP EZ1 LP840	1/38WLED	4000K/4800L	WHITE	2"x4" RECESSED ARCHITECTURAL STATIC FIXTURE WITH SMOOTH REFLECTOR, RIBBED CENTER BASKET, 0-10V DIMMING R4A: 2X4, 3000L, 23W. R4E/R4AE: PROVIDE 10W EMERGENCY BATTERY PACK.	5%, (3) MINIMUM PER TYPE/ WATTAGE.
CL6 CL6E	LITHONIA OR APPROVED EQUAL BY METALUX, COLUMBIA, WILLIAMS OR DAY-BRITE	CPX 2X4 AL08 80CRI SWW7 SWL MVOLT DGA24	1/34.4WLED	4000K/5000L	WHITE	2"x4" BACK-LIT LED FLAT PANEL WITH 0-10V DIMMING TO 1%, SATIN WHITE DIFFUSE, MULTI-USE SURFACE MOUNT KIT 2X4 SHALLOW DEPTH. CL6E: PROVIDE E10W INTEGRAL EMERGENCY BATTERY.	5%, (3) MINIMUM PER TYPE/ WATTAGE.
W7	LITHONIA OR APPROVED EQUAL BY BROWNLEE, LUMENCIA, TIRON, OR OXYGEN	FMVTRL 24IN MVOLT 30K BN	1/16WLED	3000K/2076L	BRUSHED NICKEL	2'-0"L. TRADITIONAL LENSED STEEL LED VANITY LIGHT, BRUSHED NICKEL FINISH, WALL MOUNTED ABOVE MIRROR IN SINGLE RESTROOMS. CURVED WHITE ACRYLIC DIFFUSER, END CAPS.	1
CL8 CH8	LITHONIA OR APPROVED EQUAL BY METALUX, COLUMBIA, LSI, OR DAY-BRITE	CSS L48 5000LM MVOLT MIN10 ZT 40K 80CRI HC36 M12	1/41WLED	4000K/5000L	WHITE	4'-0" LONG STEEL SURFACE MOUNTED STRIPLIGHT WITH POLYCARBONATE LENS, 0-10V DIMMING. CH8: PROVIDE HANGER CHAIN, MOUNTED WITH BOTTOM OF FIXTURE APPRX. @9'-0" A.F.F.	5%, (3) MINIMUM PER TYPE/ WATTAGE.
W9	LITHONIA OR APPROVED EQUAL BY METALUX, COLUMBIA, DAY-BRITE OR WILLIAMS	WL4 40L GZ1 LP840 N80 NESPD77 DIM10 E10W	1/40WLED	4000K/4000L	WHITE	4'-0" LONG WALL MOUNTED STAIRWELL FIXTURE WITH INTEGRAL DUAL TECHNOLOGY OCCUPANCY SENSOR. SENSOR POWERS FIXTURE DOWN TO 10% WHEN STAIRWELL IS UNOCCUPIED. BATTERY BACKUP. MOUNT @ 8'-6" A.F.F.	1
W10	LITHONIA OR APPROVED EQUAL BY METALUX, COLUMBIA, LSI, OR DAY-BRITE	CVST L48 4000LM LPPFL MD MVOLT 40K 80CRI E10W	1/34WLED	4000K/4000L	WHITE	4'-0" LONG VAPOR TIGHT LED STRIP LIGHT FOR ELEVATOR PIT WITH LOW PROFILE FROSTED POLYCARBONATE LENS, BACKUP BATTERY, WET LOCATION. COORDINATE WITH ELEVATOR CONTRACTOR ON REQUIRED MOUNTING BRACKETS.	0
W11	MARK OR APPROVED EQUAL BY PRUDENTIAL, EATON/NEORAY, LEDALITE, LSI, PINNACLE OR FINELITE	S2WID 4FT MSL4 80CRI 30K 1200LMF I80CRI I400LMF SCT NODIM LVRR DCF MVOLT WHTT E10W/LCP	2/LED DIRECT 32W INDIRECT 12W	3000K/ DIRECT 4800L INDIRECT 1600L	WHITE	2"W. X 4"L. WALL MOUNT SLOT WITH REGRESSED LOUVERED LENS (DIRECT) AND FROSTED DUST LENS (INDIRECT). EMERGENCY BATTERY. MOUNT ABOVE ELEVATOR DOOR. COORDINATE MOUNTING HEIGHT WITH ARCHITECT PRIOR TO ROUGH-IN.	0
R12	LITHONIA OR APPROVED EQUAL BY HALO, CHATAUER, NICOR, GREEN CREATIVE OR TRULY GREEN SOLUTIONS	WF6 LED 30K40K50K 90CRI MW	1/14WLED	4000K/1100L	WHITE	6" ROUND WAFER WITH REMOTE DRIVER BOX, IC-RATED, WET LOCATION, MATTE WHITE TRIM.	5%, (3) MINIMUM PER TYPE/ WATTAGE.

- NOTES:
- ALL FIXTURES THAT ARE NON-IC RATED FIXTURES AND LOCATED WITHIN 3 FT OF INSULATION SHALL HAVE A RATED ENCLOSURE AROUND FIXTURE TO PROVIDE A SEPARATION OF 3" BETWEEN ANY PART OF THE FIXTURE AND INSULATION.
 - PROVIDE TEN/MAT HAT FOR ALL RECESSED LIGHTS IN RATED CEILINGS.
 - ALL FIXTURES/LAMPS SHALL BE 4000 DEGREES KELVIN COLOR TEMPERATURE UNLESS NOTED OTHERWISE.
 - ARCHITECT/INTERIOR DESIGNER TO CONFIRM LENGTH OF ALL STEM AND CHAIN MOUNTED FIXTURES.

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ELECTRICAL SCHEDULES

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