MODEL

EARLY CHILDOOD RENOVATION

825 WAYCROSS ROAD, CINCINNATI, OH 45240

SHP

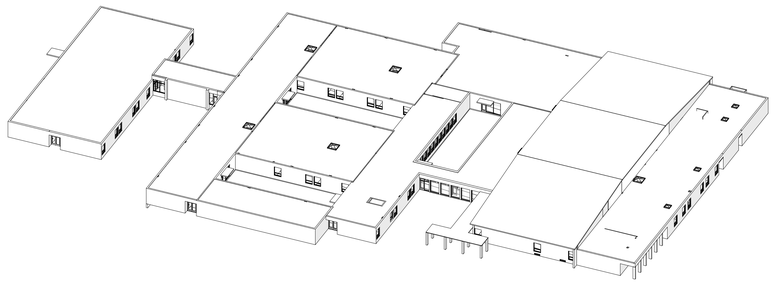
SHP - ARCHITECT
312 Plum Street, Suite 700, Cincinnati, OH 45202
PHONE: (513) 381-2112 FAX: (513) 381-5121

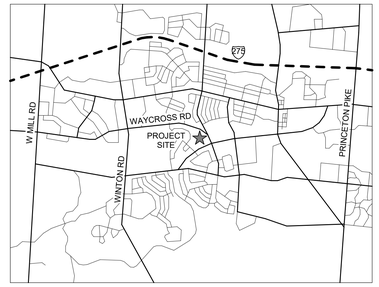
GOP LIMITED - STRUCTURAL ENGINEER
644 Linn Street, Suite 936, Cincinnati, OH 45203-1738
PHONE: (513) 621-7073 FAX: (513) 621-0434

SHP - PME ENGINEER
312 Plum Street, Suite 700, Cincinnati, OH 45202
PHONE: (513) 381-2112 FAX: (513) 381-5121

THE KLEINGERS GROUP - CIVIL ENGINEER
6219 Centre Park Drive, West Chester, OH 45069
PHONE: (513) 779-7851 FAX: (513) 779-7852

THE KLEINGERS GROUP - LANDSCAPE ARCHITECT
6219 Centre Park Drive, West Chester, OH 45069
PHONE: (513) 779-7851





VICINITY MAP
NTS

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STATE OF OHIO
EMMA K. PEVOAR 2118434
REGISTERED ARCHITECT
EMMA K. PEVOAR, Lic# 2118434
Expiration Date 12/31/2023

SHP
312 Plum Street, Ste 700 | 1086 North 4th Street, Ste 111 | 223 Fairfield Avenue, Ste 100
Cincinnati, Ohio 45202 | Columbus, Ohio 43201 | Bellevue, Kentucky 41073
513.381.2112 | 614.223.2124 | 859.360.1234

WINTON WOODS CITY SCHOOLS
EARLY CHILDOOD RENOVATION
825 WAYCROSS ROAD, CINCINNATI, OH 45240

WINTON WOODS CITY SCHOOLS
825 WAYCROSS ROAD, SUITE A, CINCINNATI, OH 45240

ISSUANCES

04-28-23	BID / PERMIT

TITLE SHEET

DATE 4/28/23
COMM NO. 2021091.02

G000

0.1" REFERENCE LINE

C:\Users\epevoar\Documents_LFile23\2021091.02 Winton Woods Early Childhood Reno_epevoar.rvt
5/15/2023 9:25:10 AM

ROOM AND OCCUPANT DATA1

NUMBER	NAME	USE GROUP	AREA	TYPE	AREA PER OCCUPANT	OCCUPANT LOAD DESIGN LOAD	OCCUPANT LOAD ACTUAL LOAD	NOTES
	LIGHT COURT 2	E	2644 SF	GROSS	20 SF	133	50	
	LIGHT COURT 1	E	2706 SF	GROSS	20 SF	49	49	LIMITING TO 49 BASED ON EXISTING EGRESS CONDITIONS
	LIGHT COURT 3	E	2655 SF	GROSS	20 SF	133	50	
100A	LOBBY	E	587 SF	GROSS	0 SF	0	0	
100B	CORRIDOR	E	540 SF	GROSS	0 SF	0	0	
100C	CORRIDOR	E	602 SF	GROSS	0 SF	0	0	
100D	CORRIDOR	E	1084 SF	GROSS	0 SF	0	0	
100E	CORRIDOR	E	813 SF	GROSS	0 SF	0	0	
100F	CORRIDOR	E	488 SF	GROSS	0 SF	0	0	
100G	CORRIDOR	E	1907 SF	GROSS	0 SF	0	0	
100H	CORRIDOR	E	1294 SF	GROSS	0 SF	0	0	
100J	CORRIDOR	E	1049 SF	GROSS	0 SF	0	0	
100K	CORRIDOR	E	254 SF	GROSS	0 SF	0	0	
100L	CORRIDOR	E	181 SF	GROSS	0 SF	0	0	
100M	CORRIDOR	E	268 SF	GROSS	0 SF	0	0	
100V	CORRIDOR	E	34 SF	GROSS	0 SF	0	0	
101	PRESCHOOL CLASSROOM	E	865 SF	NET	20 SF	44	20	
101A	ELEC.	E	118 SF	GROSS	300 SF	1	0	
101T	RR	E	103 SF	GROSS	0 SF	0	0	
102	PRESCHOOL CLASSROOM	E	644 SF	NET	20 SF	33	20	
102T	RR	E	45 SF	GROSS	0 SF	0	0	
103	PRESCHOOL CLASSROOM	E	646 SF	NET	20 SF	33	20	
104T	MEN	E	44 SF	GROSS	0 SF	0	0	
105T	WOMEN	E	80 SF	GROSS	0 SF	0	0	
106	RESOURCE	E	202 SF	GROSS	20 SF	11	0	
107	RESOURCE	E	89 SF	GROSS	20 SF	5	0	
107A	FAMILY / ELA	E	303 SF	GROSS	20 SF	16	0	
108	PRESCHOOL CLASSROOM	E	677 SF	NET	20 SF	34	20	
108T	RR	E	40 SF	GROSS	0 SF	0	0	
109	PRESCHOOL CLASSROOM	E	663 SF	NET	20 SF	34	20	
109T	RR	E	45 SF	GROSS	0 SF	0	0	
110	PRESCHOOL CLASSROOM	E	697 SF	NET	20 SF	35	20	
111	PRESCHOOL CLASSROOM	E	663 SF	NET	20 SF	34	20	
112	PRESCHOOL CLASSROOM	E	690 SF	NET	20 SF	35	20	
112T	RR	E	52 SF	GROSS	0 SF	0	0	
113T	BOYS	E	286 SF	GROSS	0 SF	0	0	
114	JAN.	E	105 SF	GROSS	100 SF	2	0	
115T	GIRLS	E	292 SF	GROSS	0 SF	0	0	
116	FAMILY / ELA	E	657 SF	GROSS	20 SF	33	0	
117	RESOURCE	E	101 SF	GROSS	20 SF	6	0	
118	RESOURCE	E	102 SF	GROSS	20 SF	6	0	
119	PRESCHOOL CLASSROOM	E	701 SF	NET	20 SF	36	20	
119T	RR	E	36 SF	GROSS	0 SF	0	0	
120	TEACHER WORKROOM	E	395 SF	GROSS	100 SF	4	4	
121	PRESCHOOL CLASSROOM	E	693 SF	NET	20 SF	35	20	
121T	RR	E	34 SF	GROSS	0 SF	0	0	
122	FAMILY / ELA	E	472 SF	GROSS	20 SF	24	0	
122	RESOURCE	E	107 SF	GROSS		0	0	
123	PRESCHOOL CLASSROOM	E	624 SF	NET	20 SF	32	20	
123T	RR	E	38 SF	GROSS	0 SF	0	0	
124	RESOURCE	E	97 SF	GROSS	20 SF	5	0	
125	RESOURCE	E	101 SF	GROSS	20 SF	6	0	
126	PRESCHOOL CLASSROOM	E	822 SF	NET	20 SF	42	20	
127	GIRLS	E	151 SF	GROSS	0 SF	0	0	
128	BOYS	E	200 SF	GROSS	0 SF	0	0	
129	JANITOR	E	79 SF	GROSS	100 SF	1	0	
130	KINDERGARTEN CLASSROOM	E	707 SF	NET	20 SF	36	25	
130A	FAMILY / ELA	E	1069 SF	GROSS	20 SF	54	0	
131	KINDERGARTEN CLASSROOM	E	698 SF	NET	20 SF	35	25	
132	RESOURCE	E	105 SF	GROSS	20 SF	6	0	
133	RESOURCE	E	105 SF	GROSS	20 SF	6	0	
134	KINDERGARTEN CLASSROOM	E	667 SF	NET	20 SF	34	25	
135	KINDERGARTEN CLASSROOM	E	699 SF	NET	20 SF	35	25	
136	KINDERGARTEN CLASSROOM	E	698 SF	NET	20 SF	35	25	
137	KINDERGARTEN CLASSROOM	E	698 SF	NET	20 SF	35	25	
138	ART CLASSROOM	E	667 SF	NET	20 SF	34	25	
138A	KILN/STOR. ROOM	E	112 SF	GROSS	300 SF	1	0	
139	KINDERGARTEN CLASSROOM	E	703 SF	NET	20 SF	36	25	
140	TECH	E	126 SF	GROSS	100 SF	2	0	
141	FAMILY / ELA	E	356 SF	GROSS	20 SF	18	0	
142	KINDERGARTEN CLASSROOM	E	781 SF	NET	20 SF	40	25	
143	KINDERGARTEN CLASSROOM	E	679 SF	NET	20 SF	34	25	
143A	RESOURCE	E	108 SF	GROSS	20 SF	6	0	
144	KINDERGARTEN CLASSROOM	E	693 SF	NET	20 SF	35	25	
145	MECHANICAL EQUIPMENT	E	810 SF	GROSS	300 SF	3	0	
146	CUSTODIAN	E	258 SF	GROSS	100 SF	3	1	
147T	GIRLS	E	199 SF	GROSS	0 SF	0	0	
148T	BOYS	E	170 SF	GROSS	0 SF	0	0	
149	STORAGE	E	244 SF	GROSS	100 SF	3	0	
151	MUSIC	E	989 SF	NET	20 SF	49	30	49 POSTED
152	STORAGE	E	114 SF	GROSS	300 SF	1	0	
153	ELECTRICAL ROOM	E	216 SF	GROSS	300 SF	1	0	
160A	WAITING	E	127 SF	GROSS	100 SF	2	0	
160B	GENERAL OFFICE	E	428 SF	GROSS	100 SF	5	5	
160C	WORK ROOM	E	174 SF	GROSS	100 SF	2	2	
161	PRINCIPAL	E	172 SF	GROSS	100 SF	2	1	
162	CONFERENCE ROOM	E	250 SF	GROSS	15 SF	17	15	
162A	VAULT	E	37 SF	GROSS	0 SF	0	0	
163	CLINIC	E	94 SF	GROSS	100 SF	1	1	
164	PSYCH OFFICE	E	92 SF	GROSS	100 SF	1	1	
165	STOR.	E	26 SF	GROSS	0 SF	0	0	
166	BOOK ROOM	E	70 SF	GROSS	100 SF	1	0	
167	STOR.	E	63 SF	GROSS	300 SF	1	0	
168	FILES	E	60 SF	GROSS	300 SF	1	0	
169	OT/PT	E	363 SF	GROSS	100 SF	4	1	
169T	RR	E	17 SF	GROSS	0 SF	0	0	
170	CLC	E	1015 SF	GROSS	20 SF	51	10	
171T	RR	E	140 SF	GROSS	0 SF	0	0	
172	SPECIAL ED CLASSROOM	E	660 SF	NET	20 SF	34	16	
172A	TECH	E	89 SF	GROSS	300 SF	1	0	
172B	SENSORY	E	90 SF	GROSS	20 SF	5	0	
172T	RR	E	77 SF	GROSS	0 SF	0	0	
173	SPECIAL ED CLASSROOM	E	648 SF	NET	20 SF	33	16	
174	SPECIAL ED CLASSROOM	E	681 SF	NET	20 SF	35	16	
174A	STORAGE	E	220 SF	GROSS	300 SF	1	0	
175T	RR	E	229 SF	GROSS	0 SF	0	0	
176	RESOURCE	E	120 SF	GROSS	20 SF	7	0	
177	TALBERT	E	65 SF	GROSS	100 SF	1	1	
178	TALBERT	E	66 SF	GROSS	100 SF	1	1	
180	KINDERGARTEN CLASSROOM	E	677 SF	NET	20 SF	34	25	
180A	FAMILY / ELA	E	435 SF	GROSS	20 SF	22	0	
181	KINDERGARTEN CLASSROOM	E	663 SF	NET	20 SF	34	25	
182	KINDERGARTEN CLASSROOM	E	680 SF	NET	20 SF	34	25	
183	GYMNASIUM	E	6853 SF	GROSS	7 SF	800	0	800 POSTED
183A	GYM STORAGE	E	284 SF	GROSS	300 SF	1	0	
184	PLATFORM	E	1237 SF	GROSS	15 SF	83	0	
184A	MECH.	E	80 SF	GROSS	300 SF	1	0	
185	MECHANICAL	E	233 SF	GROSS	300 SF	1	0	
186	LARGE MOTOR / BOE	E	2784 SF	GROSS	15 SF	186	0	
187	STORAGE	E	165 SF	GROSS	100 SF	2	0	
188	KITCHEN	E	1592 SF	GROSS	200 SF	8	8	
189	REFRIGERATOR	E	143 SF	GROSS	0 SF	0	0	
189A	FREEZER ENTRY							
190	FREEZER	E	153 SF	GROSS	0 SF	0	0	
191	DRY STORAGE	E	106 SF	GROSS	300 SF	1	0	
192	LOCKER	E	60 SF	GROSS	100 SF	1	0	
193	LAUNDRY & STOR.	E	43 SF	GROSS	300 SF	1	0	
194	OFFICE	E	71 SF	GROSS	100 SF	1	1	
195	JANITOR & STOR. RM.	E	102 SF	GROSS	100 SF	2	1	
196	FREEZER	E	83 SF	GROSS	0 SF	0	0	
X147	CLASSROOM	E	704 SF	NET	20 SF	36	0	
X148	CLASSROOM	E	695 SF	NET	20 SF	35	0	
X150	CLASSROOM	E	699 SF	NET	20 SF	35	0	
X154	CORRIDOR	E	1798 SF	GROSS		0		
X216	CLASSROOM	E	711 SF	NET	20 SF	36	0	
X217	CLASSROOM	E	702 SF	NET	20 SF	36	0	
X218	CLASSROOM	E	695 SF	NET	20 SF	35	0	
X219	CLASSROOM	E	708 SF	NET	20 SF	36	0	
X220	CLASSROOM	E	704 SF	NET	20 SF	36	0	
X221	CLASSROOM	E	711 SF	NET	20 SF	36	0	
FIRST FLOOR						3143	870	
						3143	870	

EGRESS TRAVEL DISTANCE

PATH	DISTANCE	Comments
A	143'-10"	
B	162'-3"	
C	103'-3"	
D	152'-4"	
E	99'-8"	
F	146'-10"	
G	108'-0"	

BUILDING CODE DATA

APPLICABLE CODES:

2017 OBC (WITH UPDATES)
2017 NEC
2017 OMC
2017 OPC
2015 INTERNATIONAL FUEL CODE
2012 INTERNATIONAL ENERGY CONSERVATION CODE
2016 NFPA 72
2009 ANSI/ICC 117.1 FOR ACCESSIBLE DESIGN

DESCRIPTION

PROJECT CONSISTS OF THE RENOVATION OF AN EXISTING BUILDING. OCCUPANCY MIX OF THE EXISTING BUILDING DOES NOT CHANGE AS A RESULT OF THIS RENOVATION. THERE IS NO CHANGE TO EXISTING BUILDING HEIGHT OR AREA.

BUILDING OCCUPANCY CLASSIFICATION: E - EDUCATION (CURRENT AND EXISTING)

EXISTING USES: E, A (A-1 AND A-4), B, AND S (NON-SEPARATED MIXED-USE)
PROPOSED USES: E, A (A-1 AND A-4), B, AND S (NON-SEPARATED MIXED-USE)

EXISTING CONSTRUCTION TYPE: IIB (REMAINS UNCHANGED)

EXISTING USE AREAS:

E:	20,187 SF [GROSS]	UPDATE
A-1:	18,046 SF [GROSS]	UPDATE
A-4:	15,249 SF [GROSS]	UPDATE
B:	9,482 SF [GROSS	
S:	14,416 SF [GROSS]	UPDATE!

STORIES: 1 STORY

TRAVEL DISTANCE: 200 FEET
MAXIMUM COMMON PATH OF TRAVEL DISTANCE: 75 FEET

CORRIDOR RATING:

CORRIDOR WALLS REQUIRED TO CARRY 1-HOUR FIRE RESISTANCE RATING PER OBC 1020.1. NEW PENETRATIONS IN EXISTING CORRIDOR WALLS WILL PROVIDE REQUIRED OPENING PROTECTIVES PER 716.5. OPENINGS IN CORRIDOR WALLS CAUSED BY DEMOLITION ASSOCIATED WITH THIS SCOPE OF WORK WILL BE PATCHED OR REPLACED WITH A 1-HOUR FIRE RESISTANCE RATED ASSEMBLY MATCHING REQUIREMENTS LISTED ABOVE. UNLESS NOTED OTHERWISE, EXISTING CORRIDOR WALLS TO REMAIN UNALTERED.

MIN. CORRIDOR WIDTH: 44" [BUSINESS AREAS]
72" [ALL OTHER AREAS]

FIRE ALARM: NEW FIRE ALARM BEING PROVIDED

PLUMBING FIXTURE COUNT:

THE BUILDING REMAINS UNCHANGED RELATIVE TO OCCUPANCY MIX. EXISTING FIXTURE COUNTS THESE AREAS MAINTAINED OR ADDED TO ACCOMMODATE ACCESSIBILITY. AS A RESULT, THERE HAS BEEN A NET INCREASE IN FIXTURE QUANTITY.

CODE DATA KEY

BUILDING CODE UTILIZED: OBC 2017 W/ UPDATES

000 / 000 — EXIT CAPACITY / ACTUAL LOAD THRU EXIT

101 / Name / XXXX / XXXX — DESIGN OCCUPANT LOAD PER OBC TABLE 1004.1.2. OR MAXIMUM ANTICIPATED OCCUPANT LOAD / ACTUAL OCCUPANT LOAD - BASED ON ACTUAL OCCUPANTS IN EACH ROOM OR SPACE, USED TO DETERMINE PLUMBING FIXTURE REQUIREMENTS AS PERMITTED IN 2902.1 AND HVAC LOADS AS PERMITTED IN ASHRAE 62.1, TABLE 6-1.

CODE DATA PLAN WALL AND DOOR TAG KEY

2-W — FIRE RESISTANCE RATING (HRS) OR SMOKE (S)
W = WALL
B = FIRE OR SMOKE BARRIER
P = FIRE OR SMOKE PARTITION

90 — DOOR FIRE RESISTANCE RATING (MIN) OR SMOKE (S)

TRAVEL DISTANCE PATH

CEILING RATING EQUAL TO BOUNDING WALL RATING TO CREATE CONTINUOUS RATED ENCLOSURE - WHERE WALLS DO NOT EXTEND TO DECK.

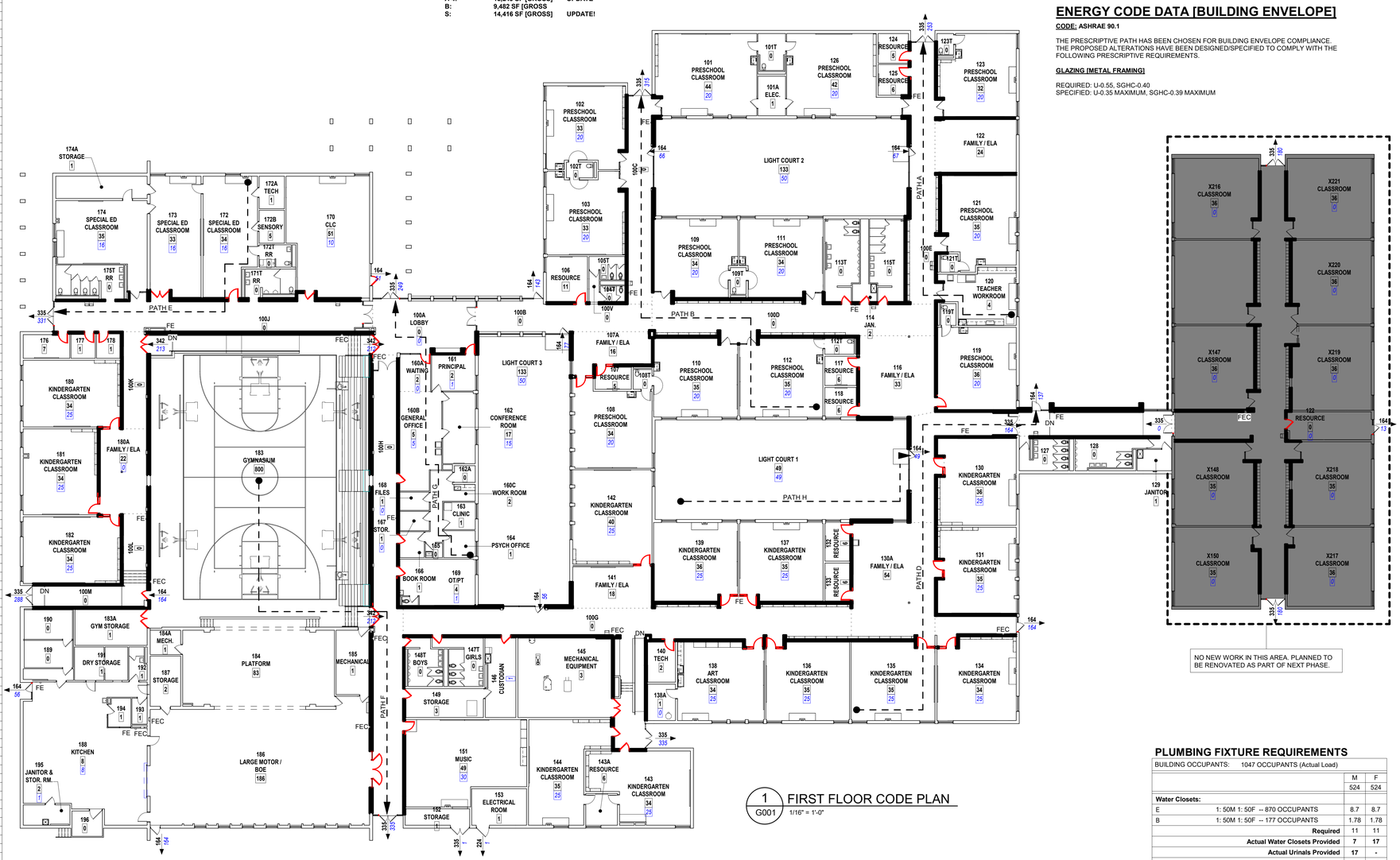
ENERGY CODE DATA [BUILDING ENVELOPE]

CODE: ASHRAE 90.1

THE PRESCRIPTIVE PATH HAS BEEN CHOSEN FOR BUILDING ENVELOPE COMPLIANCE. THE PROPOSED ALTERATIONS HAVE BEEN DESIGNED/SPECIFIED TO COMPLY WITH THE FOLLOWING PRESCRIPTIVE REQUIREMENTS.

GLAZING [METAL FRAMING]

REQUIRED: U-0.55, SGHC-0.40
SPECIFIED: U-0.35 MAXIMUM, SGHC-0.39 MAXIMUM



1 / G001 FIRST FLOOR CODE PLAN
1/16" = 1'-0"

PLUMBING FIXTURE REQUIREMENTS

BUILDING OCCUPANTS: 1047 OCCUPANTS (Actual Load)

		M	F
		524	524
Water Closets:			
E	1: 50M 1: 50F -- 870 OCCUPANTS	8.7	8.7
B	1: 50M 1: 50F -- 177 OCCUPANTS	1.78	1.78
	Required	11	11
	Actual Water Closets Provided	**7**	**17**
	Actual Urinals Provided	**17**	-
	TOTAL PROVIDED	**24**	**17**
Lavatories:			
E	1: 50M 1: 50F -- 870 OCCUPANTS	8.7	8.7
B	1: 80M 1: 80F -- 177 OCCUPANTS	1.11	1.11
	Required	10	10
	TOTAL PROVIDED	**12**	**13**
Showers:			
E	Not Required by Code	-	-
B	Not Required by Code	-	-
	Required	-	-
	TOTAL PROVIDED	**0**	**0**
Drinking Fountains:			
E	1: 100 RATIO -- 870 OCCUPANTS	8.7	
B	1: 100 RATIO -- 177 OCCUPANTS	1.77	
	Required	11	
	TOTAL PROVIDED	**11**	
Service Sinks:			
	Required	2	
	TOTAL PROVIDED	**4**	

Plumbing Area P1

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STATE OF OHIO
EMMA K. PEVOAR
2118434
REGISTERED ARCHITECT
EMMA K. PEVOAR, Lic# 2118434
Expiration Date 12/31/2023

SHP
223 Fairfield Avenue, Ste 100
Bellevue, Kentucky 41073
859.360.1234
1086 North 4th Street, Ste 111
Columbus, Ohio 43201
614.423.2264
312 Plum Street, Ste 700
Cincinnati, Ohio 45202
513.381.2112

WINTON WOODS CITY SCHOOLS
EARLY CHILDHOOD RENOVATION
825 WAYCROSS ROAD, CINCINNATI, OH 45240

WINTON WOODS CITY SCHOOLS
825 WAYCROSS ROAD, SUITE A, CINCINNATI, OH 45240

ISSUANCES

04-28-23	BID / PERMIT

CODE DATA SHEETS

DATE 4/28/23
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G001

"0.1" REFERENCE LINE

C:\Users\epevoar\Documents_LFile\230221091.02 Winton Woods Early Childhood Reno_epevoar.rvt
5/15/2023 9:25:13 AM

DEMOLITION PLAN LEGEND

- NO WORK THIS AREA
- EXISTING WALL/PARTITION TO REMAIN
- REMOVE EXISTING WALL/PARTITION
- EXISTING DOOR AND FRAME TO REMAIN
- REMOVE EXISTING DOOR (REMOVE EXISTING FRAME ONLY WHERE NOTED)

GENERAL NOTES - DEMOLITION PLAN

A. REPAIR EXISTING SURFACES WHERE DEMOLITION HAS OCCURED FOR NEW CONSTRUCTION. GENERAL TRADES CONTRACTOR SHALL PATCH/REPAIR WALL, FLOOR AND CEILING SURFACES AFFECTED BY DEMOLITION WORK. PATCHING/CUTTING OF EXISTING SURFACES FOR NEW WORK SHALL BE THE RESPONSIBILITY OF THE RESPECTIVE CONTRACTOR PERFORMING THE WORK. ALL REPAIRS SHALL MATCH EXISTING ADJACENT SURFACES IN MATERIAL, FINISH, TEXTURE, ETC. THIS WORK IS TO BE INCLUDED IN BASE BID AND IS NOT TO BE INCLUDED IN THE QUANTITY ALLOWANCE."

B. UNLESS DIRECTED BY OWNER OR OTHERWISE NOTED, ALL MISCELLANEOUS ITEMS ATTACHED TO FLOORS, WALLS, OR CEILINGS ARE TO BE REMOVED THAT INTERFERE WITH INSTALLATION OR ALIGNMENT OF NEW WORK. THIS INCLUDES BUT NOT LIMITED TO: SHELVES, BRACKETS, POSTERS, PAINTINGS, ART OR OTHER DISPLAYS, PROJECTION SCREENS, CLOCKS, PA SYSTEM SPEAKERS, AND VISUAL DISPLAY BOARDS. PATCH FLOORS, WALLS, AND CEILINGS AS REQUIRED TO MATCH EXISTING ADJACENT SURFACES IN MATERIALS, FINISH, TEXTURE, ETC., AND PREP FOR NEW FINISH.

C. OWNER WILL REMOVE ALL LOOSE FURNITURE/APPLIANCES IN ROOMS PRIOR TO THE COMMENCEMENT OF DEMOLITION.

D. AT ALL EXISTING SURFACES SCHEDULED TO RECEIVE A NEW PAINT FINISH REMOVE ANY EXISTING FASTENERS, BRACKETS, ETC. IN WALLS THAT ARE NOT BEING USED AND PATCH TO MATCH EXISTING ADJACENT SURFACES IN MATERIALS, FINISH, TEXTURE, ETC. PATCH CHIPPED PAINT SURFACES ON PLASTER WALLS TO MATCH ADJACENT SURFACE TEXTURE. SAND CHIPPED EDGES ON WOOD AND METAL SURFACES SMOOTH.

E. NOT ALL ROOM MATERIAL/FINISH DEMOLITION INDICATED. WHERE NEW MATERIAL/FINISH IS INDICATED IN ROOM FINISH SCHEDULE, REMOVE EXISTING MATERIALS/FINISH INCLUDING FLOOR AND BASE, ADHESIVES/MASTICS, FLOOR SEALERS AND CURING COMPOUNDS, AND FLOOR PAINT WHETHER OR NOT SHOWN TO BE REMOVED ON DEMOLITION FLOOR PLANS.

F. REFER TO PLUMBING, MECHANICAL, AND ELECTRICAL DRAWINGS FOR ADDITIONAL ITEMS TO BE DEMOLISHED.

G. PLACEHOLDER

H. REMOVE EXISTING WOOD BASE WHERE NEW CASEWORK EXTENDS TO FLOOR.

I. WHERE FLOOR SLABS TO REMAIN ARE DISCONTINUOUS AT WALLS AND PARTITIONS NOTED TO BE REMOVED, REMOVE WALL/PARTITION TO BELOW FLOOR SLAB AND PATCH SLAB THROUGH OPENING.

J. WHERE NEW OPENINGS OCCUR WHERE EXISTING WALLS HAVE BEEN REMOVED, FEATHER CEMENT-BASED UNDERLAYMENT AT A DISTANCE OF 8 FEET FROM EACH JAMB TO PROVIDE A SMOOTH TRANSITION BETWEEN EXISTING FLOOR FINISHES ON EACH SIDE OF THE OPENING. FLOOR SURFACE SHALL BE FLAT WITHIN 3/16" IN 10 FEET IN ACCORDANCE WITH ASTM F710.

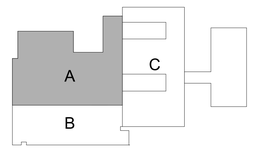
K. ALL BLACKBOARDS AND ASSOCIATED TACK BOARDS TO BE DEMOLISHED.

KEY NOTES - DEMOLITION PLANS

D1 REMOVE EXISTING PARTITION TO EXTENT SHOWN, TYP.
D2 REMOVE EXISTING DOOR, FRAME, AND ASSOCIATED HARDWARE. TYP.
D3 REMOVE EXISTING STOREFRONT
D31 REMOVE PORTION OF EXISTING WALL TO ALLOW FOR NEW 3'-0"X 7'-0" DOOR. PROVIDE LINTELS AS NECESSARY FOR NEW DOOR OPENING.
D36 ALTERNATE #7 - REMOVE EXISTING BLEACHERS
D37 ALTERNATE #4A - REVOME EXISTING LOCKERS
D40 PROTECT EXISTING CASEWORK - TO REMAIN
D45 REMOVE AND SALVAGE EXISTING DISPLAY BOARD. REINSTALL IN SAME ROOM SAME LOCATION AFTER PAINTING COMPLETED
D50 EXISTING SHELVES AND BRACKETS ES-1 TO BE REMOVED AND SALVAGED. REINSTALL IN NEW LOCATIONS AS NOTED IN THE A100 PLAN SHEETS.
D51 EXISTING SHELVES AND BRACKETS ES-2A TO BE REMOVED AND SALVAGED. REINSTALL IN NEW LOCATIONS AS NOTED IN THE A100 PLAN SHEETS.
D52 EXISTING SHELVES AND BRACKETS ES-2B TO BE REMOVED AND SALVAGED. REINSTALL IN NEW LOCATIONS AS NOTED IN THE A100 PLAN SHEETS.
D73 REMOVE AND SALVAGE EXISTING SHELVES AND BRACKETS. REINSTALL IN SAME ROOM SAME LOCATION AFTER ALL PAINTING IS COMPLETED
D74 EXISTING SHELVES AND BRACKETS ES-15 TO BE REMOVED AND SALVAGED. REINSTALL IN NEW LOCATIONS AS NOTED IN THE A100 PLAN SHEETS.
D96 EXISTING DISPLAY BOARD EM-17 TO BE REMOVED AND SALVAGED. REINSTALL IN NEW LOCATIONS AS NOTED IN THE A100 SHEETS
D98 REMOVE EXISTING THROUGH WALL AC UNIT. INFILL OPENING WITH MATERIALS TO MATCH EXISTING ADJACENT SURFACE. MATCH THICKNESS, COLOR, AND TEXTURE
D101 ALTERNATE #1 - REMOVE EXISTING DOOR AND ASSOCIATED HARDWARE, EXISTING FRAME TO REMAIN
D103 SAWCUT CONCRETE SLAB FOR PLUMBING WORK. PATCH ALL WALLS AND FLOORS ASSOCIATED WITH PLUMBING DEMO TO MATCH EXISTING ADJACENT SURFACE IN MATERIAL, COLOR, AND TEXTURE. ALL SAW CUT AREAS MAY NOT BE INDICATED. REFER TO PLUMBING DRAWINGS



1 / D101 FIRST FLOOR DEMO PLAN - AREA A
1/8" = 1'-0"



KEY PLAN
NTS

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STATE OF OHIO
EMMA K. PEVOAR
2118434
REGISTERED ARCHITECT
EMMA K. PEVOAR, Lic# 2118434
Expiration Date 12/31/2023

SHP
223 Fairfield Avenue, Ste 100
Bellevue, Kentucky 41073
859.360.1234
1086 North 4th Street, Ste 111
Columbus, Ohio 43201
614.423.2324
312 Plum Street, Ste 700
Cincinnati, Ohio 45202
513.381.2112

WINTON WOODS CITY SCHOOLS
EARLY CHILDHOOD RENOVATION
825 WAYCROSS ROAD, CINCINNATI, OH 45240

WINTON WOODS CITY SCHOOLS
825 WAYCROSS ROAD, SUITE A, CINCINNATI, OH 45240

ISSUANCES

04-28-23	BID / PERMIT

FIRST FLOOR DEMO PLAN - AREA A

DATE 4/28/23
COMM NO. 2021091.02

D101

"0-1" REFERENCE LINE"

5/15/2023 9:28:00 AM C:\Users\epevoar\Documents_LFile23\2021091.02 Winton Woods Early Childhood Reno_epevoar.rvt

DEMOLITION PLAN LEGEND

- NO WORK THIS AREA
- EXISTING WALL/PARTITION TO REMAIN
- REMOVE EXISTING WALL/PARTITION
- EXISTING DOOR AND FRAME TO REMAIN
- REMOVE EXISTING DOOR (REMOVE EXISTING FRAME ONLY WHERE NOTED)

GENERAL NOTES - DEMOLITION PLAN

A. REPAIR EXISTING SURFACES WHERE DEMOLITION HAS OCCURED FOR NEW CONSTRUCTION. GENERAL TRADES CONTRACTOR SHALL PATCH/REPAIR WALL, FLOOR AND CEILING SURFACES AFFECTED BY DEMOLITION WORK. PATCHING/CUTTING OF EXISTING SURFACES FOR NEW WORK SHALL BE THE RESPONSIBILITY OF THE RESPECTIVE CONTRACTOR PERFORMING THE WORK. ALL REPAIRS SHALL MATCH EXISTING ADJACENT SURFACES IN MATERIAL, FINISH, TEXTURE, ETC. THIS WORK IS TO BE INCLUDED IN BASE BID AND IS NOT TO BE INCLUDED IN THE QUANTITY ALLOWANCE."

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C. OWNER WILL REMOVE ALL LOOSE FURNITURE/APPLIANCES IN ROOMS PRIOR TO THE COMMENCEMENT OF DEMOLITION.

D. AT ALL EXISTING SURFACES SCHEDULED TO RECEIVE A NEW PAINT FINISH REMOVE ANY EXISTING FASTENERS, BRACKETS, ETC. IN WALLS THAT ARE NOT BEING USED AND PATCH TO MATCH EXISTING ADJACENT SURFACES IN MATERIALS, FINISH, TEXTURE, ETC. PATCH CHIPPED PAINT SURFACES ON PLASTER WALLS TO MATCH ADJACENT SURFACE TEXTURE. SAND CHIPPED EDGES ON WOOD AND METAL SURFACES SMOOTH.

E. NOT ALL ROOM MATERIAL/FINISH DEMOLITION INDICATED. WHERE NEW MATERIAL/FINISH IS INDICATED IN ROOM FINISH SCHEDULE, REMOVE EXISTING MATERIALS/FINISH INCLUDING FLOOR AND BASE, ADHESIVES/MASTICS, FLOOR SEALERS AND CURING COMPOUNDS, AND FLOOR PAINT WHETHER OR NOT SHOWN TO BE REMOVED ON DEMOLITION FLOOR PLANS.

F. REFER TO PLUMBING, MECHANICAL, AND ELECTRICAL DRAWINGS FOR ADDITIONAL ITEMS TO BE DEMOLISHED.

G. PLACEHOLDER

H. REMOVE EXISTING WOOD BASE WHERE NEW CASEWORK EXTENDS TO FLOOR.

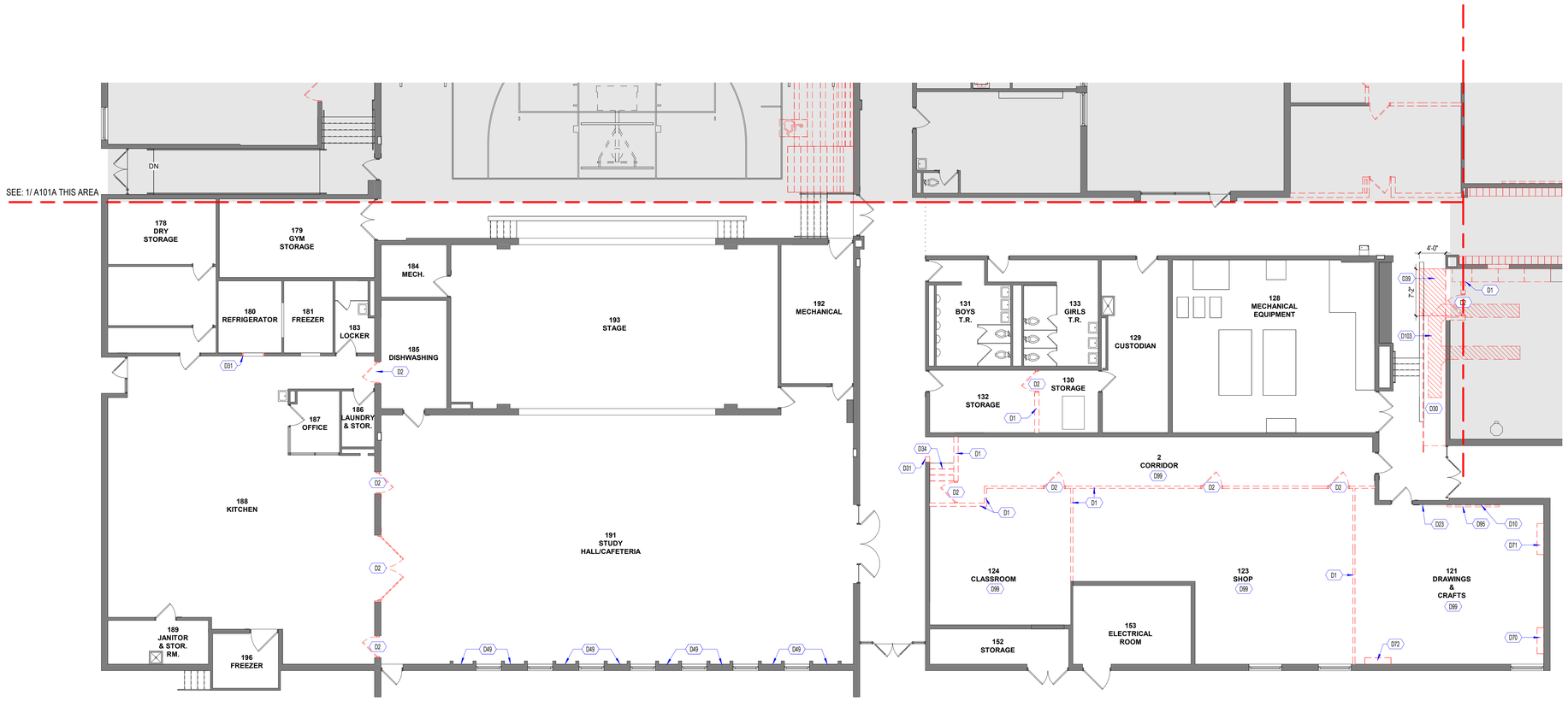
I. WHERE FLOOR SLABS TO REMAIN ARE DISCONTINUOUS AT WALLS AND PARTITIONS NOTED TO BE REMOVED, REMOVE WALL/PARTITION TO BELOW FLOOR SLAB AND PATCH SLAB THROUGH OPENING.

J. WHERE NEW OPENINGS OCCUR WHERE EXISTING WALLS HAVE BEEN REMOVED, FEATHER CEMENT-BASED UNDERLAYMENT AT A DISTANCE OF 8 FEET FROM EACH JAMB TO PROVIDE A SMOOTH TRANSITION BETWEEN EXISTING FLOOR FINISHES ON EACH SIDE OF THE OPENING. FLOOR SURFACE SHALL BE FLAT WITHIN 3/16" IN 10 FEET IN ACCORDANCE WITH ASTM F710.

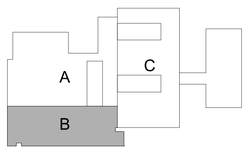
K. ALL BLACKBOARDS AND ASSOCIATED TACK BOARDS TO BE DEMOLISHED.

KEY NOTES - DEMOLITION PLANS

D1 REMOVE EXISTING PARTITION TO EXTENT SHOWN, TYP.
D2 REMOVE EXISTING DOOR, FRAME, AND ASSOCIATED HARDWARE. TYP.
D10 REMOVE EXISTING DISPLAY BOARDS, CHALKBOARDS, MARKERBOARDS, TACK STRIPS, SHELVES, AND ALL ASSOCIATED HARDWARE FROM WALLS UNLESS NOTED OTHERWISE. REMOVE ADHESIVE FROM WALL & PATCH SURFACE TO MATCH EXISTING ADJACENT FINISH
D23 REMOVE EXISTING WALL MOUNTED TELEVISION, ASSOCIATED HARDWARE, AND WIRING
D30 REMOVE EXISTING RAMP, ASSOCIATED GUARDRAIL, AND CONCRETE FOOTER. PATCH MOUNTING HOLES FROM HANDRAIL BRACKETS.
D31 REMOVE PORTION OF EXISTING WALL TO ALLOW FOR NEW 3'-0"X 7'-0" DOOR. PROVIDE LINTELS AS NECESSARY FOR NEW DOOR OPENING.
D34 REMOVE EXISTING STAIR, RAILING, AND ASSOCIATED CONCRETE
D39 REMOVE EXISTING PORTION OF FLOOR TO PROVIDE FOR NEW RAMP.
D49 REMOVE EXISTING FOLDING TABLE, PARTICLE BOARD, CABINET, AND BLOCK MASONRY PIER ASSOCIATED WITH FOLDING TABLE ENCLOSURE. PATCH FLOORS AND WALLS AS REQUIRED TO MATCH EXISTING ADJACENT SURFACES IN MATERIAL, FINISH, TEXTURE, ETC AND PREP FOR NEW FINISH
D70 EXISTING SHELVES AND BRACKETS ES-13A TO BE REMOVED AND SALVAGED. REINSTALL IN NEW LOCATIONS AS NOTED IN THE A100 PLAN SHEETS.
D71 EXISTING SHELVES AND BRACKETS ES-13B TO BE REMOVED AND SALVAGED. REINSTALL IN NEW LOCATIONS AS NOTED IN THE A100 PLAN SHEETS.
D72 EXISTING SHELVES AND BRACKETS ES-13C TO BE REMOVED AND SALVAGED. REINSTALL IN NEW LOCATIONS AS NOTED IN THE A100 PLAN SHEETS.
D95 EXISTING DISPLAY BOARD EM-16 TO BE REMOVED AND SALVAGED. REINSTALL IN NEW LOCATION AS NOTED IN A100 PLAN SHEETS
D99 REMOVE ALL EXISTING FLOORING, ADHESIVES, ETC. THIS ROOM AND PREP FLOORS FOR NEW FINISHES
D103 SAWCUT CONCRETE SLAB FOR PLUMBING WORK. PATCH ALL WALLS AND FLOORS ASSOCIATED WITH PLUMBING DEMO TO MATCH EXISTING ADJACENT SURFACE IN MATERIAL, COLOR, AND TEXTURE. ALL SAW CUT AREAS MAY NOT BE INDICATED. REFER TO PLUMBING DRAWINGS



1 / D102 FIRST FLOOR DEMO PLAN - AREA B
1/8" = 1'-0"



KEY PLAN
NTS

0.1" REFERENCE LINE

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STATE OF OHIO
EMMA K. PEVOAR
2118434
REGISTERED ARCHITECT
EMMA K. PEVOAR, Lic# 2118434
Expiration Date 12/31/2023

SHP
223 Fairfield Avenue, Ste 100
Bellevue, Kentucky 41073
859.360.1234
1086 North 4th Street, Ste 111
Columbus, Ohio 43201
614.223.2324
312 Plum Street, Ste 700
Cincinnati, Ohio 45202
513.381.2112

WINTON WOODS CITY SCHOOLS
EARLY CHILDOOD RENOVATION
825 WAYCROSS ROAD, CINCINNATI, OH 45240

WINTON WOODS CITY SCHOOLS
825 WAYCROSS ROAD, SUITE A, CINCINNATI, OH 45240

ISSUANCES

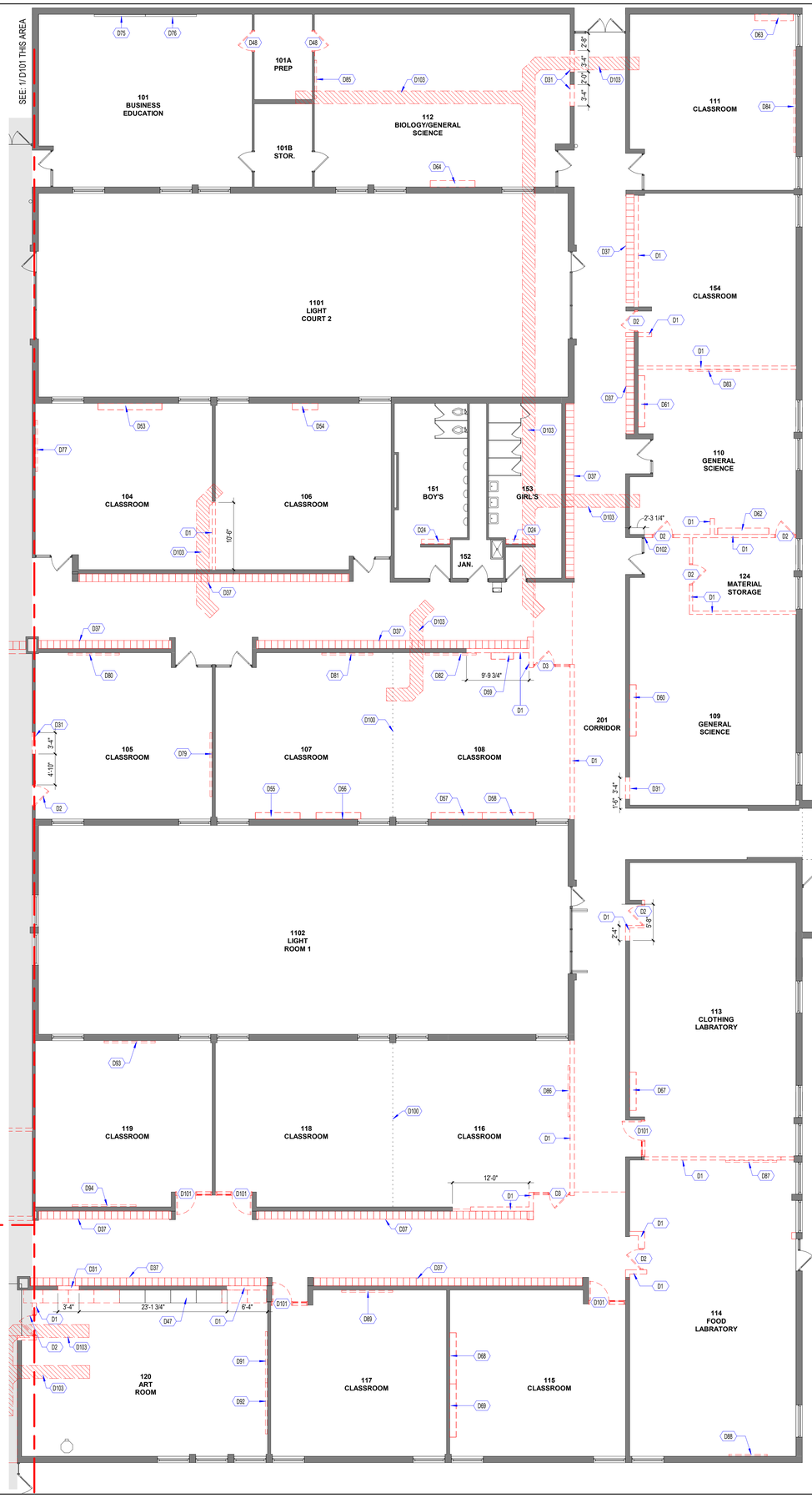
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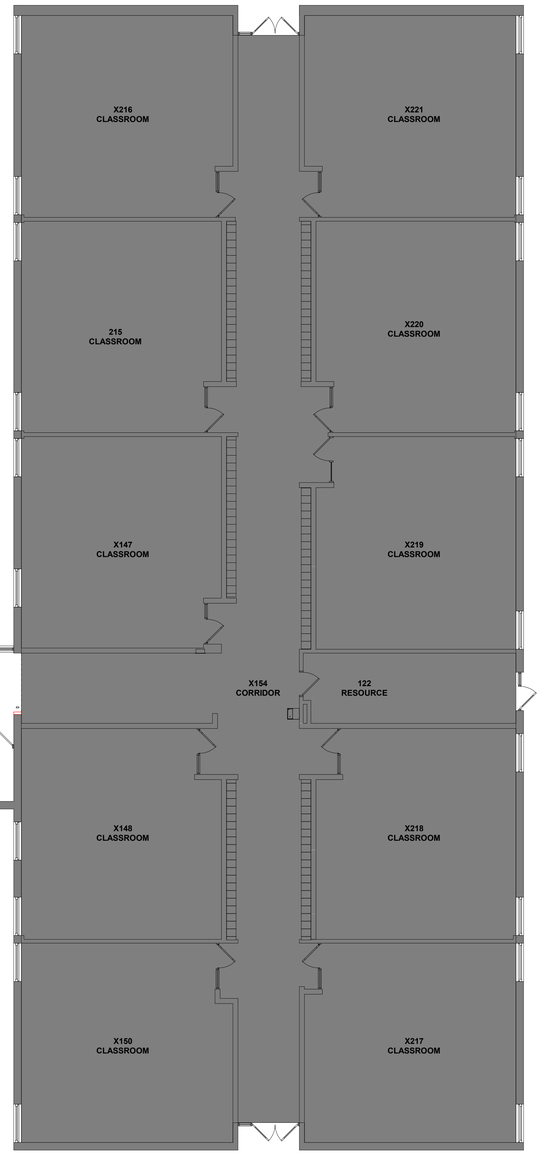
FIRST FLOOR DEMO PLAN - AREA B

DATE 4/28/23
COMM NO. 2021091.02

D102

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SEE 1/ D101 THIS AREA
101 BUSINESS EDUCATION
101A PREP
101B STOR.
112 BIOLOGY/GENERAL SCIENCE
111 CLASSROOM
1101 LIGHT COURT 2
154 CLASSROOM
110 GENERAL SCIENCE
104 CLASSROOM
106 CLASSROOM
151 BOY'S
153 GIRL'S
152 JAN.
124 MATERIAL STORAGE
201 CORRIDOR
109 GENERAL SCIENCE
105 CLASSROOM
107 CLASSROOM
108 CLASSROOM
1102 LIGHT ROOM 1
113 CLOTHING LABRATORY
119 CLASSROOM
118 CLASSROOM
116 CLASSROOM
114 FOOD LABRATORY
120 ART ROOM
117 CLASSROOM
115 CLASSROOM
10'-6"
2'-3 1/4"
5'-9 3/4"
12'-0"
23'-1 3/4"
3'-4"
6'-4"
4'-10"
2'-6"
3'-4"
2'-0"
3'-4"
1'-5"
2'-4"
5'-0"
2'-4"



DEMOLITION PLAN LEGEND

- NO WORK THIS AREA
- EXISTING WALL/PARTITION TO REMAIN
- REMOVE EXISTING WALL/PARTITION
- EXISTING DOOR AND FRAME TO REMAIN
- REMOVE EXISTING DOOR (REMOVE EXISTING FRAME ONLY WHERE NOTED)

GENERAL NOTES - DEMOLITION PLAN

A. REPAIR EXISTING SURFACES WHERE DEMOLITION HAS OCCURED FOR NEW CONSTRUCTION. GENERAL TRADES CONTRACTOR SHALL PATCH/REPAIR WALL, FLOOR AND CEILING SURFACES AFFECTED BY DEMOLITION WORK. PATCHING/CUTTING OF EXISTING SURFACES FOR NEW WORK SHALL BE THE RESPONSIBILITY OF THE RESPECTIVE CONTRACTOR PERFORMING THE WORK. ALL REPAIRS SHALL MATCH EXISTING ADJACENT SURFACES IN MATERIAL, FINISH, TEXTURE, ETC. THIS WORK IS TO BE INCLUDED IN BASE BID AND IS NOT TO BE INCLUDED IN THE QUANTITY ALLOWANCE."

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C. OWNER WILL REMOVE ALL LOOSE FURNITURE/APPLIANCES IN ROOMS PRIOR TO THE COMMENCEMENT OF DEMOLITION.

D. AT ALL EXISTING SURFACES SCHEDULED TO RECEIVE A NEW PAINT FINISH REMOVE ANY EXISTING FASTENERS, BRACKETS, ETC. IN WALLS THAT ARE NOT BEING USED AND PATCH TO MATCH EXISTING ADJACENT SURFACES IN MATERIALS, FINISH, TEXTURE, ETC. PATCH CHIPPED PAINT SURFACES ON PLASTER WALLS TO MATCH ADJACENT SURFACE TEXTURE. SAND CHIPPED EDGES ON WOOD AND METAL SURFACES SMOOTH.

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F. REFER TO PLUMBING, MECHANICAL, AND ELECTRICAL DRAWINGS FOR ADDITIONAL ITEMS TO BE DEMOLISHED.

G. PLACEHOLDER

H. REMOVE EXISTING WOOD BASE WHERE NEW CASEWORK EXTENDS TO FLOOR.

I. WHERE FLOOR SLABS TO REMAIN ARE DISCONTINUOUS AT WALLS AND PARTITIONS NOTED TO BE REMOVED, REMOVE WALL/PARTITION TO BELOW FLOOR SLAB AND PATCH SLAB THROUGH OPENING.

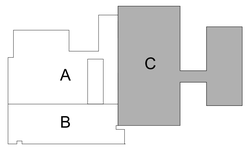
J. WHERE NEW OPENINGS OCCUR WHERE EXISTING WALLS HAVE BEEN REMOVED, FEATHER CEMENT-BASED UNDERLAYMENT AT A DISTANCE OF 8 FEET FROM EACH JAMB TO PROVIDE A SMOOTH TRANSITION BETWEEN EXISTING FLOOR FINISHES ON EACH SIDE OF THE OPENING. FLOOR SURFACE SHALL BE FLAT WITHIN 3/16" IN 10 FEET IN ACCORDANCE WITH ASTM F710.

K. ALL BLACKBOARDS AND ASSOCIATED TACK BOARDS TO BE DEMOLISHED.

KEY NOTES - DEMOLITION PLANS

D1 REMOVE EXISTING PARTITION TO EXTENT SHOWN, TYP.
D2 REMOVE EXISTING DOOR, FRAME, AND ASSOCIATED HARDWARE. TYP.
D3 REMOVE EXISTING STOREFRONT
D24 REMOVE EXISTING CASEWORK AND/OR COUNTERTOP(S) IN ROOM
D31 REMOVE PORTION OF EXISTING WALL TO ALLOW FOR NEW 3'-0"X 7'-0" DOOR. PROVIDE LINTELS AS NECESSARY FOR NEW DOOR OPENING.
D37 ALTERNATE #4A - REVOME EXISTING LOCKERS
D47 REMOVE & SALVAGE EXISTING CABINETS. (4) CABINETS IN BEST CONDITION TO BE PLACED IN NEW LOCATION WITHIN THIS ROOM
D48 REMOVE EXISTING DOOR AND HARDWARE. FRAME TO REMAIN
D53 EXISTING SHELVES AND BRACKETS ES-3 TO BE REMOVED AND SALVAGED. REINSTALL IN NEW LOCATIONS AS NOTED IN THE A100 PLAN SHEETS.
D54 EXISTING SHELVES AND BRACKETS ES-4 TO BE REMOVED AND SALVAGED. REINSTALL IN NEW LOCATIONS AS NOTED IN THE A100 PLAN SHEETS.
D55 EXISTING SHELVES AND BRACKETS ES-5A TO BE REMOVED AND SALVAGED. REINSTALL IN NEW LOCATIONS AS NOTED IN THE A100 PLAN SHEETS.
D56 EXISTING SHELVES AND BRACKETS ES-5B TO BE REMOVED AND SALVAGED. REINSTALL IN NEW LOCATIONS AS NOTED IN THE A100 PLAN SHEETS.
D57 EXISTING SHELVES AND BRACKETS ES-6A TO BE REMOVED AND SALVAGED. REINSTALL IN NEW LOCATIONS AS NOTED IN THE A100 PLAN SHEETS.
D58 EXISTING SHELVES AND BRACKETS ES-6B TO BE REMOVED AND SALVAGED. REINSTALL IN NEW LOCATIONS AS NOTED IN THE A100 PLAN SHEETS.
D59 EXISTING SHELVES AND BRACKETS ES-6C TO BE REMOVED AND SALVAGED. REINSTALL IN NEW LOCATIONS AS NOTED IN THE A100 PLAN SHEETS.
D60 EXISTING SHELVES AND BRACKETS ES-7 TO BE REMOVED AND SALVAGED. REINSTALL IN NEW LOCATIONS AS NOTED IN THE A100 PLAN SHEETS.
D61 EXISTING SHELVES AND BRACKETS ES-8A TO BE REMOVED AND SALVAGED. REINSTALL IN NEW LOCATIONS AS NOTED IN THE A100 PLAN SHEETS.
D62 EXISTING SHELVES AND BRACKETS ES-8B TO BE REMOVED AND SALVAGED. REINSTALL IN NEW LOCATIONS AS NOTED IN THE A100 PLAN SHEETS.
D63 EXISTING SHELVES AND BRACKETS ES-9 TO BE REMOVED AND SALVAGED. REINSTALL IN NEW LOCATIONS AS NOTED IN THE A100 PLAN SHEETS.
D64 EXISTING SHELVES AND BRACKETS ES-10 TO BE REMOVED AND SALVAGED. REINSTALL IN NEW LOCATIONS AS NOTED IN THE A100 PLAN SHEETS.
D67 EXISTING SHELVES AND BRACKETS ES-11 TO BE REMOVED AND SALVAGED. REINSTALL IN NEW LOCATIONS AS NOTED IN THE A100 PLAN SHEETS.
D68 EXISTING SHELVES AND BRACKETS ES-12A TO BE REMOVED AND SALVAGED. REINSTALL IN NEW LOCATIONS AS NOTED IN THE A100 PLAN SHEETS.
D69 EXISTING SHELVES AND BRACKETS ES-12B TO BE REMOVED AND SALVAGED. REINSTALL IN NEW LOCATIONS AS NOTED IN THE A100 PLAN SHEETS.
D75 EXISTING DISPLAY BOARD EM-1A TO BE REMOVED AND SALVAGED. REINSTALL IN NEW LOCATION AS NOTED IN A100 PLAN SHEETS
D76 EXISTING DISPLAY BOARD EM-1B TO BE REMOVED AND SALVAGED. REINSTALL IN NEW LOCATION AS NOTED IN A100 PLAN SHEETS
D77 EXISTING DISPLAY BOARD EM-2 TO BE REMOVED AND SALVAGED. REINSTALL IN NEW LOCATION AS NOTED IN A100 PLAN SHEETS
D79 EXISTING DISPLAY BOARD EM-3A TO BE REMOVED AND SALVAGED. REINSTALL IN NEW LOCATION AS NOTED IN A100 PLAN SHEETS
D80 EXISTING DISPLAY BOARD EM-3B TO BE REMOVED AND SALVAGED. REINSTALL IN NEW LOCATION AS NOTED IN A100 PLAN SHEETS
D81 EXISTING DISPLAY BOARD EM-4 TO BE REMOVED AND SALVAGED. REINSTALL IN NEW LOCATION AS NOTED IN A100 PLAN SHEETS
D82 EXISTING DISPLAY BOARD EM-5 TO BE REMOVED AND SALVAGED. REINSTALL IN NEW LOCATION AS NOTED IN A100 PLAN SHEETS
D83 EXISTING DISPLAY BOARD EM-6 TO BE REMOVED AND SALVAGED. REINSTALL IN NEW LOCATION AS NOTED IN A100 PLAN SHEETS
D84 EXISTING DISPLAY BOARD EM-7 TO BE REMOVED AND SALVAGED. REINSTALL IN NEW LOCATION AS NOTED IN A100 PLAN SHEETS
D85 EXISTING DISPLAY BOARD EM-8 TO BE REMOVED AND SALVAGED. REINSTALL IN NEW LOCATION AS NOTED IN A100 PLAN SHEETS
D86 EXISTING DISPLAY BOARD EM-9 TO BE REMOVED AND SALVAGED. REINSTALL IN NEW LOCATION AS NOTED IN A100 PLAN SHEETS
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D92 EXISTING DISPLAY BOARD EM-14B TO BE REMOVED AND SALVAGED. REINSTALL IN NEW LOCATION AS NOTED IN A100 PLAN SHEETS
D93 EXISTING DISPLAY BOARD EM-15A TO BE REMOVED AND SALVAGED. REINSTALL IN NEW LOCATION AS NOTED IN A100 PLAN SHEETS
D94 EXISTING DISPLAY BOARD EM-15B TO BE REMOVED AND SALVAGED. REINSTALL IN NEW LOCATION AS NOTED IN A100 PLAN SHEETS
D100 REMOVE EXISTING OPERABLE PARTITION HEADER
D101 ALTERNATE #1 - REMOVE EXISTING DOOR AND ASSOCIATED HARDWARE, EXISTING FRAME TO REMAIN
D102 ALIGN DEMOLITION OF WALL WITH PERPENDICULAR WALL
D103 SAWCUT CONCRETE SLAB FOR PLUMBING WORK. PATCH ALL WALLS AND FLOORS ASSOCIATED WITH PLUMBING DEMO TO MATCH EXISTING ADJACENT SURFACE IN MATERIAL, COLOR, AND TEXTURE. ALL SAW CUT AREAS MAY NOT BE INDICATED. REFER TO PLUMBING DRAWINGS

1 / D103 FIRST FLOOR DEMO PLAN - AREA C
1/8" = 1'-0"



KEY PLAN
NTS

0'-1" REFERENCE LINE

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STATE OF OHIO
EMMA K. PEVOAR
2118434
REGISTERED ARCHITECT
EMMA K. PEVOAR, Lic# 2118434
Expiration Date 12/31/2023

SHP
223 Fairfield Avenue, Ste 100
Bellevue, Kentucky 41073
859.360.1234
1086 North 4th Street, Ste 111
Columbus, Ohio 43201
614.423.7264
312 Plum Street, Ste 700
Cincinnati, Ohio 45202
513.381.2112

WINTON WOODS CITY SCHOOLS
EARLY CHILDOOD RENOVATION
825 WAYCROSS ROAD, CINCINNATI, OH 45240

WINTON WOODS CITY SCHOOLS
825 WAYCROSS ROAD, SUITE A, CINCINNATI, OH 45240

ISSUANCES

04-28-23	BID / PERMIT

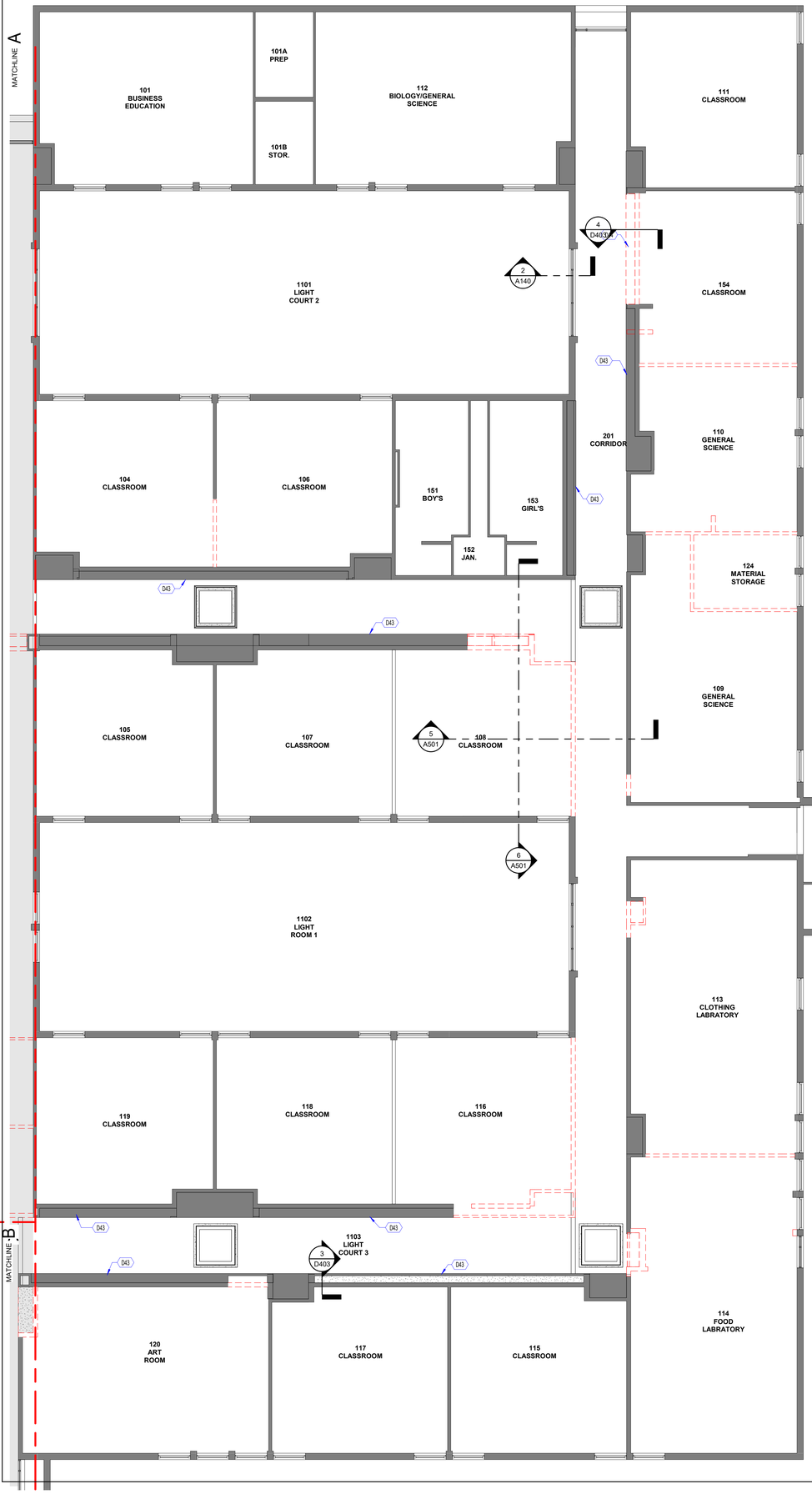
FIRST FLOOR DEMO PLAN - AREA C

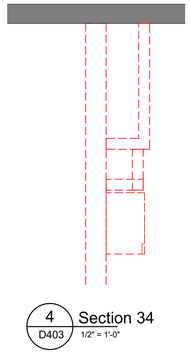
DATE 4/28/23

COMM NO. 2021091.02

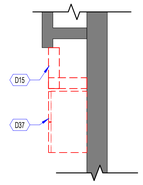
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4 D403 Section 34
1/2" = 1'-0"



3 D403 LOCKER & SOFFIT SECTION
1/2" = 1'-0"

DEMOLITION PLAN LEGEND

- NO WORK THIS AREA
- EXISTING WALL/PARTITION TO REMAIN
- REMOVE EXISTING WALL/PARTITION
- EXISTING DOOR AND FRAME TO REMAIN
- REMOVE EXISTING DOOR (REMOVE EXISTING FRAME ONLY WHERE NOTED)

GENERAL NOTES - DEMOLITION PLAN

A. REPAIR EXISTING SURFACES WHERE DEMOLITION HAS OCCURED FOR NEW CONSTRUCTION. GENERAL TRADES CONTRACTOR SHALL PATCH/REPAIR WALL, FLOOR AND CEILING SURFACES AFFECTED BY DEMOLITION WORK. PATCHING/CUTTING OF EXISTING SURFACES FOR NEW WORK SHALL BE THE RESPONSIBILITY OF THE RESPECTIVE CONTRACTOR PERFORMING THE WORK. ALL REPAIRS SHALL MATCH EXISTING ADJACENT SURFACES IN MATERIAL, FINISH, TEXTURE, ETC. THIS WORK IS TO BE INCLUDED IN BASE BID AND IS NOT TO BE INCLUDED IN THE QUANTITY ALLOWANCE."

B. UNLESS DIRECTED BY OWNER OR OTHERWISE NOTED, ALL MISCELLANEOUS ITEMS ATTACHED TO FLOORS, WALLS, OR CEILINGS ARE TO BE REMOVED THAT INTERFERE WITH INSTALLATION OR ALIGNMENT OF NEW WORK. THIS INCLUDES BUT NOT LIMITED TO: SHELVES, BRACKETS, POSTERS, PAINTINGS, ART OR OTHER DISPLAYS, PROJECTION SCREENS, CLOCKS, PA SYSTEM SPEAKERS, AND VISUAL DISPLAY BOARDS. PATCH FLOORS, WALLS, AND CEILINGS AS REQUIRED TO MATCH EXISTING ADJACENT SURFACES IN MATERIALS, FINISH, TEXTURE, ETC., AND PREP FOR NEW FINISH.

C. OWNER WILL REMOVE ALL LOOSE FURNITURE/APPLIANCES IN ROOMS PRIOR TO THE COMMENCEMENT OF DEMOLITION.

D. AT ALL EXISTING SURFACES SCHEDULED TO RECEIVE A NEW PAINT FINISH REMOVE ANY EXISTING FASTENERS, BRACKETS, ETC. IN WALLS THAT ARE NOT BEING USED AND PATCH TO MATCH EXISTING ADJACENT SURFACES IN MATERIALS, FINISH, TEXTURE, ETC. PATCH CHIPPED PAINT SURFACES ON PLASTER WALLS TO MATCH ADJACENT SURFACE TEXTURE. SAND CHIPPED EDGES ON WOOD AND METAL SURFACES SMOOTH.

E. NOT ALL ROOM MATERIAL/FINISH DEMOLITION INDICATED. WHERE NEW MATERIAL/FINISH IS INDICATED IN ROOM FINISH SCHEDULE, REMOVE EXISTING MATERIALS/FINISH INCLUDING FLOOR AND BASE, ADHESIVES/MASTICS, FLOOR SEALERS AND CURING COMPOUNDS, AND FLOOR PAINT WHETHER OR NOT SHOWN TO BE REMOVED ON DEMOLITION FLOOR PLANS.

F. REFER TO PLUMBING, MECHANICAL, AND ELECTRICAL DRAWINGS FOR ADDITIONAL ITEMS TO BE DEMOLISHED.

G. PLACEHOLDER

H. REMOVE EXISTING WOOD BASE WHERE NEW CASEWORK EXTENDS TO FLOOR.

I. WHERE FLOOR SLABS TO REMAIN ARE DISCONTINUOUS AT WALLS AND PARTITIONS NOTED TO BE REMOVED, REMOVE WALL/PARTITION TO BELOW FLOOR SLAB AND PATCH SLAB THROUGH OPENING.

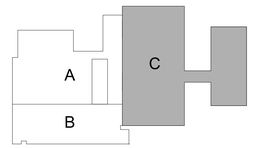
J. WHERE NEW OPENINGS OCCUR WHERE EXISTING WALLS HAVE BEEN REMOVED, FEATHER CEMENT-BASED UNDERLAYMENT AT A DISTANCE OF 8 FEET FROM EACH JAMB TO PROVIDE A SMOOTH TRANSITION BETWEEN EXISTING FLOOR FINISHES ON EACH SIDE OF THE OPENING. FLOOR SURFACE SHALL BE FLAT WITHIN 3/16" IN 10 FEET IN ACCORDANCE WITH ASTM F710.

K. ALL BLACKBOARDS AND ASSOCIATED TACK BOARDS TO BE DEMOLISHED.

KEY NOTES - DEMOLITION PLANS

D15	ALTERNATE #4A - REMOVE EXISTING SOFFIT
D37	ALTERNATE #4A - REVOME EXISTING LOCKERS
D43	REMOVE LOWER PORTION OF SOFFIT. SEE DETAIL 3/D403
D44	REMOVE EXISTING SOFFITS

1 D403 FIRST FLOOR DEMO REFLECTED CEILING PLAN - AREA C
1/8" = 1'-0"



KEY PLAN
NTS

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STATE OF OHIO
EMMA K. PEVOAR 2118434
REGISTERED ARCHITECT
EMMA K. PEVOAR, Lic# 2118434
Expiration Date 12/31/2023

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223 Fairfield Avenue, Ste 100
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ISSUANCES

04-28-23	BID / PERMIT

FIRST FLOOR DEMO REFLECTED CEILING PLAN - AREA C

DATE 4/28/23

COMM NO. 2021091.02

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0'-1" REFERENCE LINE

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KEY NOTES - DEMOLITION PLANS

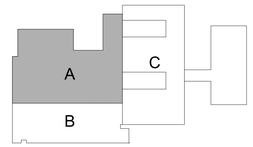
D13 REMOVE EXISTING CEILING SYSTEM

D15 ALTERNATE #4A - REMOVE EXISTING SOFFIT

D43 REMOVE LOWER PORTION OF SOFFIT. SEE DETAIL 3/D403



1 D401 FIRST FLOOR DEMO REFLECTED CEILING PLAN - AREA A
1/8" = 1'-0"



KEY PLAN
NTS

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FIRST FLOOR DEMO REFLECTED CEILING PLAN - AREA A

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0'-1" REFERENCE LINE

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GENERAL NOTES

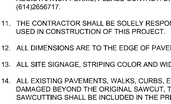
1. THE CITY OF FOREST PARK, AND THE CURRENT EDITION OF THE STATE OF OHIO DEPARTMENT OF TRANSPORTATION CONSTRUCTION AND MATERIAL SPECIFICATIONS (ODOT CMS), INCLUDING ALL SUPPLEMENTS, SHALL GOVERN ALL MATERIALS AND WORKMANSHIP INVOLVED IN THE IMPROVEMENTS SHOWN ON THIS PLAN. IGNORE REFERENCES TO MEASUREMENT AND PAYMENT IN THE ODOT CMS UNLESS NOTED OTHERWISE. IN THE CASE OF CONFLICTS BETWEEN THE ODOT CMS AND THE CITY OF FOREST PARK REQUIREMENTS, THE CITY OF FOREST PARK REQUIREMENTS SHALL PREVAIL.
2. THE CONTRACTOR IS RESPONSIBLE FOR THE INVESTIGATION, LOCATION, SUPPORT, PROTECTION, AND RESTORATION OF ALL EXISTING UTILITIES AND APPURTENANCES WHETHER SHOWN ON THESE PLANS OR NOT. THE CONTRACTOR SHALL EXPOSE ALL UTILITIES OR STRUCTURES PRIOR TO CONSTRUCTION TO VERIFY THE VERTICAL AND HORIZONTAL EFFECT ON THE PROPOSED CONSTRUCTION. THE CONTRACTOR SHALL CALL, TOLL FREE, THE OHIO UTILITIES PROTECTION SERVICE (1-800-362-2764) 48 HOURS PRIOR TO CONSTRUCTION AND SHALL NOTIFY ALL UTILITY COMPANIES WHO ARE NON-MEMBERS OF THE OHIO UTILITIES PROTECTION SERVICE AT LEAST 48 HOURS PRIOR TO WORK IN THE VICINITY OF THEIR UNDERGROUND LINES.
3. CONTRACTOR SHALL OBTAIN A PERMIT FOR ALL CONSTRUCTION ACTIVITIES IN ACCORDANCE WITH LOCAL, STATE, & FEDERAL REGULATIONS.
4. THE CONTRACTOR IS TO PERFORM ALL INSPECTIONS AS REQUIRED BY THE OHIO EPA FOR THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT AND FURNISH OWNERS REPRESENTATIVE WITH WRITTEN REPORTS.
5. THE CONTRACTOR IS REQUIRED TO VISIT THE SITE AND FULLY INFORM THEMSELVES CONCERNING ALL CONDITIONS AFFECTING THE SCOPE OF THE WORK. FAILURE TO VISIT THE SITE SHALL NOT RELIEVE THEM FROM ANY RESPONSIBILITY IN THE PERFORMANCE OF THE CONTRACT.
6. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED FOR EXPENSES INCURRED DUE TO SOIL CONDITIONS, GROUNDWATER, AND/OR ROCK EXCAVATION, ALL OF THESE ITEMS SHALL BE INCLUDED IN THE PRICE BID FOR THE PROJECT.
7. THE COST OF ALL DEWATERING REQUIRED FOR THE CONSTRUCTION OF THIS PROJECT SHALL BE INCLUDED IN THE PRICE BID FOR THE PROJECT.
8. THE DIRECT OR INDIRECT DISCHARGE OR PUMPING OF UNFILTERED SEDIMENT-LADEN WATER INTO THE STORM DRAINAGE SYSTEM OR WATERCOURSE IS ILLEGAL AND PROHIBITED.
9. ANY WELL, WELL POINT, PIT, OR OTHER DEVICE INSTALLED FOR THE PURPOSE OF LOWERING THE GROUND WATER TO FACILITATE CONSTRUCTION OF THIS PROJECT SHALL BE PROPERLY ABANDONED IN ACCORDANCE WITH THE PROVISIONS OF SECTION 3745-9-10 OF THE OHIO ADMINISTRATIVE CODE OR IN ACCORDANCE WITH THE PROVISIONS OF THIS PLAN AS DIRECTED BY THE DIRECTOR OF PUBLIC UTILITIES OR HIS REPRESENTATIVE.
10. ANY CONTRACTOR INSTALLING ANY WELL, WELL POINT, PIT, OR OTHER DEVICE USED FOR THE PURPOSE OF REMOVING GROUND WATER FROM AN AQUIFER SHALL COMPLETE AND FILE A WELL LOG AND DRILLING REPORT FORM WITH THE OHIO DEPARTMENT OF NATURAL RESOURCES (ODNR), DIVISION OF WATER, WITHIN 30 DAYS OF THE WELL COMPLETION IN ACCORDANCE WITH THE OHIO REVISED CODE SECTION 1521.01 AND 1521.05 IN ADDITION, ANY SUCH FACILITY IS COMPLETED IN ACCORDANCE WITH SECTION 1521.16 OF THE OHIO REVISED CODE. FOR COPIES OF THE NECESSARY WELL LOG, DRILLING REPORT, OR REGISTRATION FORMS, PLEASE CONTACT: DIVISION OF WATER, OHIO DEPARTMENT OF NATURAL RESOURCES, FOUNTAIN SQUARE, COLUMBUS, OHIO 43224, (614)2656717.
11. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE TO THE ODNR FOR THE REGISTRY, MAINTENANCE AND ABANDONMENT OF ANY WITHDRAWAL DEVICE USED IN CONSTRUCTION OF THIS PROJECT.
12. ALL DIMENSIONS ARE TO THE EDGE OF PAVEMENT AND/OR FACE OF CURB, UNLESS OTHERWISE NOTED.
13. ALL SITE SIGNAGE, STRIPING COLOR AND WIDTH SHALL BE PER THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.
14. ALL EXISTING PAVEMENTS, WALKS, CURBS, ETC. SHALL BE SAWCUT BEFORE REMOVAL, IF, DURING CONSTRUCTION, THE PAVEMENT, WALKWAY, CURB, ETC. IS DAMAGED BEYOND THE ORIGINAL SAWCUT, THE DAMAGED AREA SHALL BE RECUT TO NEAT LINES AS DIRECTED BY THE ENGINEER. PAYMENT FOR SAWCUTTING SHALL BE INCLUDED IN THE PRICE BID FOR THE PROJECT.
15. THE CONTRACTOR SHALL SAWCUT EXISTING PAVEMENT TO PROVIDE A SMOOTH VERTICAL FULL DEPTH BUTT JOINT BETWEEN THE EXISTING PAVEMENT OR CURB AND THE PROPOSED PAVEMENT. CONTRACTOR SHALL LOCATE SOUND PAVEMENT EDGE AND CUT AND TRIM PAVEMENT TO A NEAT LINE. INCLUDE THE COST OF PAVEMENT REMOVAL AND DISPOSAL IN THE PRICE BID FOR THE PROJECT.

GRADING NOTES

1. CONTRACTOR TO REMOVE TREES AND CLEAR AREAS AS NECESSARY TO PERFORM ALL SITE WORK INCLUDING GRADING AND UTILITY WORK.
2. PROTECTION OF EXISTING TREES AND VEGETATION: PROTECT EXISTING TREES AND OTHER VEGETATION INDICATED TO REMAIN IN PLACE AGAINST UNNECESSARY CUTTING, BREAKING OR SKINNING OF ROOTS, SKINNING OR BRUISING OF BARK, SMOTHERING OF TREES BY STOCKPILING CONSTRUCTION MATERIALS OR EXCAVATED MATERIALS WITHIN DRIP LINE, EXCESS FOOT OR VEHICULAR TRAFFIC, OR PARKING OF VEHICLES WITHIN DRIP LINE. PROVIDE TEMPORARY GUARDS TO PROTECT TREES AND VEGETATION TO BE LEFT STANDING.
3. ALL ELEVATIONS SHOWN ARE FINISHED GRADE ELEVATIONS.
4. SITE BUILDING PAD EXCAVATION AND CONSTRUCTION TO BE PER GEOTECHNICAL ENGINEER'S RECOMMENDATIONS. BUILDING PAD PREPARATION SHALL BEGIN BY CLEARING & STRIPPING UNSUITABLE MATERIAL FROM PAD SITE. THEN PLACE & COMPACT BACKFILL MATERIAL AT GEOTECHNICAL ENGINEER'S AND ARCHITECT'S RECOMMENDATIONS. ALL BACKFILL MATERIAL MUST BE ACCEPTABLE TO THE GEOTECHNICAL ENGINEER.
5. ALL FILL UNDER PAVEMENT SHALL BE COMPACTED TO THE GEOTECHNICAL ENGINEER'S RECOMMENDATIONS.
6. THE CONTRACTOR IS RESPONSIBLE FOR BALANCING THE SITE EARTHWORK ON SITE. THE CONTRACTOR IS RESPONSIBLE FOR BURY/BORROW PITS AS NEEDED TO BALANCE THE SITE. GEOTECH AND ENGINEER MUST APPROVE AREAS PRIOR TO BURY/BORROW OPERATIONS. AS-BUILT OF BURY/BORROW PIT WILL BE REQUIRED AT COMPLETION OF CONTRACTOR WORK AND MUST BE SUBMITTED TO THE CONSTRUCTION MANAGER.
7. CONTRACTOR SHALL IMPLEMENT ALL SOIL AND EROSION CONTROL PRACTICES REQUIRED BY CITY OF FOREST PARK AND THE OHIO EPA.
8. ALL GROUND SURFACE AREAS THAT HAVE BEEN EXPOSED OR LEFT BARE AS A RESULT OF CONSTRUCTION AND ARE TO FINAL GRADE AND ARE TO REMAIN SO, SHALL BE SEEDED AND MULCHED AS SOON AS PRACTICAL IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS. IF NO SPECIFICATIONS ARE SUPPLIED, USE ODOT ITEM 659.
9. CONTRACTOR TO LAYOUT BUILDING BASED ON ARCHITECTURAL/FOUNDATION PLANS. SITE PLAN IS FOR CONCEPTUAL PURPOSES ONLY.

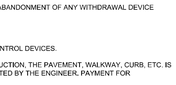
UTILITY NOTES

1. ALL DRAIN TILE AND STORM SEWERS DAMAGED, DISTURBED OR REMOVED AS A RESULT OF THE CONTRACTOR'S OPERATIONS SHALL BE REPLACED WITH THE SAME QUALITY PIPE OR BETTER, MAINTAINING THE SAME GRADIENT AS EXISTING. THE DRAIN TILE AND/OR STORM SEWER SHALL BE CONNECTED TO THE CURB SUBDRAIN, STORM SEWER SYSTEM OR OUTLETTED INTO THE ROADWAY DITCH AS APPLICABLE. REPLACED DRAIN TILE/STORM SEWER SHALL BE LAID ON COMPACTED BEDDING EQUAL IN DENSITY TO SURROUNDING STRATUM. REPLACEMENT SHALL BE DONE AT THE TIME OF THE BACKFILL OPERATION. COST OF THIS WORK TO BE INCLUDED IN THE PRICE BID FOR THE PROJECT.
2. ALL EXISTING UTILITIES KNOWN TO EXIST HAVE BEEN SHOWN ON THESE PLANS IN THEIR APPROXIMATE LOCATION. PRIOR TO THE BEGINNING OF CONSTRUCTION OR EARTH MOVING OPERATIONS, THE CONTRACTOR SHALL VERIFY THE LOCATION AND ELEVATION OF THE UTILITIES SHOWN. THE CONTRACTOR IS ALSO RESPONSIBLE FOR THE PROTECTION AND/OR RELOCATION OF ANY UTILITIES THAT MAY EXIST AND ARE NOT SHOWN.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE RELOCATION AND/OR PROTECTION OF ANY UTILITIES AS REQUIRED BY THE PLAN WITH THE OWNER OF THE AFFECTED UTILITY.
4. UTILITY POLES WITHIN INFLUENCE OF THE UTILITY OPERATIONS SHALL BE REINFORCED BY THE UTILITY COMPANY PRIOR TO THESE CONSTRUCTION ACTIVITIES. NOTIFICATION OF THE UTILITY COMPANY PRIOR TO CONSTRUCTION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
5. COMPACTED FILLS ARE TO BE MADE TO A MINIMUM OF THREE FEET ABOVE THE CROWN OF ANY PROPOSED SEWER PRIOR TO CUTTING OF TRENCHES FOR PLACEMENT OF SAID SEWERS. ALL FILLS SHALL BE CONTROLLED, COMPACTED, AND INSPECTED BY AN APPROVED TESTING LABORATORY OR AN INSPECTOR FROM THE APPROPRIATE GOVERNMENTAL AGENCY.
6. CONTRACTOR TO REPLACE ANY PAVEMENT OR UTILITIES DAMAGED WHICH ARE NOT SPECIFIED TO BE REMOVED ON THESE PLANS.
7. ADJUST ALL EXISTING CASTINGS AND CLEANOUTS WITHIN PROJECT AREA TO GRADE AS REQUIRED.
8. DISTANCES SHOWN FOR BOTH SANITARY AND STORM SEWER PIPES ARE MEASURED FROM CENTER OF STRUCTURE. THE CONTRACTOR IS RESPONSIBLE FOR ACTUAL FIELD CUT LENGTH. COORDINATES FOR STORM AND SANITARY STRUCTURES ARE SHOWN TO THE CENTER OF STRUCTURE, UNLESS OTHERWISE NOTED.
9. ALL PROPOSED STORM SEWERS, SURFACE OR OTHER DRAINAGE FACILITIES ARE TO BE PRIVATE AND MAINTAINED BY THE OWNER. EROSION CONTROL MEASURES MUST PROVIDE PROTECTION UNTIL COMPLETION OF THE PROJECT AND VEGETATIVE STABILIZATION.
10. THE CONTRACTOR IS TO CONSTRUCT CURBS, CATCH BASINS, DOWNSPOUTS, PIPING AND CONNECTIONS ETC. AS REQUIRED TO CONVEY THE ROOF AND PAVED SURFACE DRAINAGE TO THE DETENTION BASIN.
11. SITE CONTRACTOR SHALL PICK UP ALL UTILITIES, WITH THE EXCEPTION OF DOWNSPOUTS, 5' OUTSIDE BUILDING WALL. COORDINATE WITH CONSTRUCTION MANAGER.
12. STORM SEWER PIPE LABELED "STM" SHALL BE ONE OF THE FOLLOWING: PVC SDR-35 PER ODOT ITEM 707.45, PVC PROFILE PIPE PER ODOT ITEM 707.43, HIGH DENSITY POLYETHYLENE PER ODOT ITEM 707.33, ALUMINIZED CORRUGATED METAL, ODOT ITEM 707.01, 707.02, OR REINFORCED CONCRETE PIPE, ODOT ITEM 706.02 CLASS IV. STORM SEWER PIPE LABELED "RCP" SHALL BE REINFORCED CONCRETE PIPE, ODOT ITEM 706.02 CLASS IV. ALL STORM IS TO BE INSTALLED PER ODOT ITEM 611. ALL STORM PIPE USED MUST HAVE A MANUFACTURER SPECIFIED FRICTION FACTOR OF 0.013 (N=0.013) OR LESS.
13. ALL EXISTING INVERTS ALONG PROPOSED PIPE ALIGNMENTS SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION OF THE SEWER.
14. ANY FIELD TILE CUT IN EXCAVATION WHICH DRAINS IN AN OFFSITE AREA MUST BE TIED INTO THE STORM DRAINAGE SYSTEM.
15. THE FLOW IN ALL SEWERS, DRAINS, FIELD TILES AND WATERCOURSES ENCOUNTERED SHALL BE MAINTAINED BY THE CONTRACTOR AT HIS OWN EXPENSE, AND WHENEVER SUCH WATERCOURSES AND DRAINS ARE DISTURBED OR DESTROYED DURING THE PROSECUTION OF THE WORK, THEY SHALL BE RESTORED BY THE CONTRACTOR AT HIS OWN EXPENSE TO A CONDITION SATISFACTORY TO THE ENGINEER.



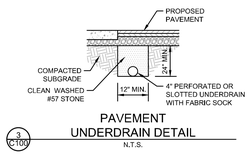
1. 1 1/2" ODOT ITEM 441 ASPHALT CONCRETE SURFACE COURSE, TYPE 1, PG64-22
2. ODOT ITEM 407 TACK COAT, APPLY IF TIME BETWEEN ASPHALT LIFTS EXCEEDS 30 DAYS
3. 2" ODOT ITEM 441 ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, PG64-22
4. 8" ODOT ITEM 304 AGGREGATE BASE
5. SUBGRADE COMPACTION, REFERENCE ODOT ITEM 204, EARTHWORK SPECIFICATION 312000 AND SOILS REPORT

1 C100 — STANDARD DUTY ASPHALT PAVEMENT DETAIL — N.T.S.

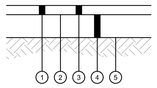


1. 6X6 W4XW4 WELDED WIRE REINFORCEMENT
2. 8" ODOT ITEM 452 NONREINFORCED PORTLAND CEMENT CONCRETE PAVEMENT
3. 6" ODOT ITEM 304 AGGREGATE BASE
4. SUBGRADE COMPACTION, REFERENCE ODOT ITEM 204, EARTHWORK SPECIFICATION 312000 AND SOILS REPORT

2 C100 — HEAVY DUTY CONCRETE PAVEMENT DETAIL — N.T.S.

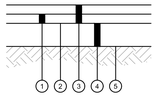


3 C100 — PAVEMENT UNDERDRAIN DETAIL — N.T.S.



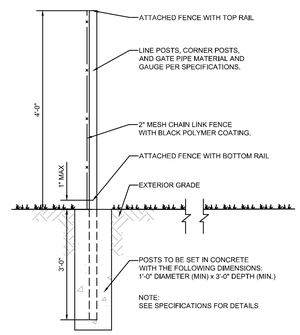
1. 1 1/2" ODOT ITEM 254 PAVEMENT PLANING, ASPHALT CONCRETE
2. ODOT ITEM 407 TACK COAT
3. 1 1/2" ODOT ITEM 441 ASPHALT CONCRETE SURFACE COURSE, TYPE 1, PG64-22
4. EXISTING PAVEMENT SECTION
5. EXISTING SUBGRADE

4 C100 — ASPHALT PAVEMENT PLANING AND OVERLAY DETAIL — N.T.S.

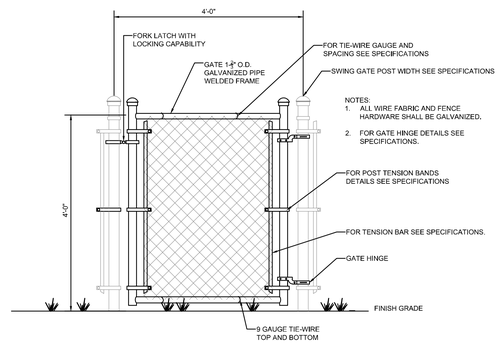


1. 1" ODOT ITEM 254 PAVEMENT PLANING, ASPHALT CONCRETE
2. ODOT ITEM 407 TACK COAT
3. 2" ODOT ITEM 441 ASPHALT CONCRETE SURFACE COURSE, TYPE 1, PG64-22
4. EXISTING PAVEMENT SECTION
5. EXISTING SUBGRADE

5 C100 — ASPHALT PAVEMENT PLANING AND OVERLAY DETAIL — N.T.S.



6 C100 — 4' VINYL COATED CHAIN LINK FENCE — N.T.S.



7 C100 — **VINYL COATED 4' CHAIN LINK FENCE GATE DETAIL** — N.T.S.

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EARLY CHILDOOD RENOVATION
825 WAYCROSS ROAD, CINCINNATI, OH 45240

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ISSUANCES

04-28-23	BID / PERMIT

GENERAL NOTES & DETAILS

DATE 4/28/23

COMM NO. 2021091.02

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NOTE: UNDERGROUND UTILITIES ARE PLOTTED FROM A COMPILATION OF AVAILABLE RECORD INFORMATION AND SURFACE INDICATIONS OF UNDERGROUND STRUCTURES AND MAY NOT BE INCLUSIVE. PRECISE LOCATIONS AND THE EXISTENCE OR NON EXISTENCE OF UNDERGROUND UTILITIES CANNOT BE VERIFIED. PLEASE NOTIFY THE OHIO UTILITY PROTECTION SERVICE AT 1-800-362-2764 BEFORE ANY PERIOD OF EXCAVATION OR CONSTRUCTION ACTIVITY.

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XCT REFERENCE LINK

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VICINITY MAP
N.T.S

LEGEND

- 5/8" IRON PIN FOUND (UNLESS OTHERWISE NOTED)
- PIPE FOUND (SIZE AS NOTED)
- CONCRETE MONUMENT FOUND
- 5/8" IRON PIN SET (KLEINGERS)
- CROSS NOTCH SET
- CATCH BASIN
- DOWN SPOUT
- STORM MANHOLE
- SANITARY MANHOLE
- CLEAN OUT
- ELECTRIC BOX
- ELECTRIC MANHOLE
- TRANSFORMER
- UTILITY POLE
- FIRE HYDRANT
- WATER METER
- GAS VALVE
- TELEPHONE MANHOLE
- TELEPHONE BOX
- TRAFFIC SIGNAL POLE
- BASKETBALL HOOP
- BUSH
- FENCE POST
- FLAG POLE
- SIGN (SINGLE POST)
- DECIDUOUS TREE
- FENCE LINE
- TREE LINE
- GUARD RAIL
- OVERHEAD UTILITY
- UNDERGROUND ELECTRIC
- UNDERGROUND TELEPHONE
- GAS LINE
- WATERLINE
- SANITARY SEWER
- STORM SEWER
- ASPHALT
- CONCRETE
- GRAVEL
- LANDSCAPING

NOTES:

1. SOURCE DOCUMENTS AS NOTED.
2. OCCUPATION IN GENERAL FITS SURVEY.
3. MONUMENTATION IS IN GOOD CONDITION UNLESS OTHERWISE NOTED.
4. ALL IRON PINS SET ARE 5/8" DIAMETER x 30" IRON REBAR WITH ID CAP STAMPED "KLEINGERS".
5. BEARINGS ARE BASED ON OHIO STATE PLANE COORDINATE SYSTEM, SOUTH ZONE, AS DERIVED FROM THE OHIO DEPARTMENT OF TRANSPORTATION'S VIRTUAL REFERENCE STATIONING (VRS): (NAD '83 - 2011)
6. ELEVATIONS ARE BASED ON NGVD 29, AS REFERENCED TO HAMILTON COUNTY BENCHMARK NO. F-014.
7. SITE BENCHMARK AS SHOWN HEREON.

0 25 50 100

"1" REFERENCE LINE"

NOTE:
UNDERGROUND UTILITIES ARE PLOTTED FROM A COMPILATION OF AVAILABLE RECORD INFORMATION AND SURFACE INDICATIONS OF UNDERGROUND STRUCTURES AND MAY NOT BE INCLUSIVE. PRECISE LOCATIONS AND THE EXISTENCE OR NON EXISTENCE OF UNDERGROUND UTILITIES CANNOT BE VERIFIED. PLEASE NOTIFY THE OHIO UTILITY PROTECTION SERVICE AT 1-800-362-2764 BEFORE ANY PERIOD OF EXCAVATION OR CONSTRUCTION ACTIVITY.

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513.381.2112

STATE OF OHIO
JOSHUA P. SHAW
E-78397
REGISTERED PROFESSIONAL ENGINEER

WINTON WOODS CITY SCHOOLS
EARLY CHILDHOOD RENOVATION
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SURVEY
BASEMAP

DATE 4/28/23

COMM NO. 2021091.02

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DEMOLITION LEGEND

- MILL 1-1/2" ASPHALT PAVEMENT PER DETAIL 4/C100
- 50% - FULL DEPTH ASPHALT PAVEMENT REMOVAL
  50% - 1" MILL ASPHALT PAVEMENT PER DETAIL 5/C100
- FULL DEPTH ASPHALT PAVEMENT REMOVAL
- PROPOSED SAWCUT

NOTES

1. CONTRACTOR TO PROTECT ALL EXISTING UTILITIES SHOWN ON THIS PLAN UNLESS EXPLICITLY NOTED OTHERWISE.

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DEMOLITION PLAN

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0 25 50 100
SCALE: 1" = 50'

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LOCATION PLAN LEGEND

- x — PROPOSED FENCE PER DETAIL 6/C100
- CRACK FILL & SEAL COAT ASPHALT PAVEMENT
- 1-1/2" ASPHALT PAVEMENT OVERLAY PER DETAIL 4/C100
- FULL DEPTH ASPHALT PAVEMENT REPLACEMENT PER DETAIL 1/C100
- HEAVY DUTY CONCRETE PAVEMENT PER DETAIL 2/C100
- 50% - FULL DEPTH ASPHALT PAVEMENT REPLACEMENT PER DETAIL 1/C100
  50% - 2" ASPHALT PAVEMENT OVERLAY PER DETAIL 5/C100

LOCATION PLAN CODED NOTES

1. ADJUST STORM STRUCTURE TO GRADE
2. PROPOSED FENCE PER DETAIL 6/C100
3. PROPOSED FENCE GATE PER DETAIL 7/C100
4. PROPOSED UNDERDRAIN PER DETAIL 3/C100

LOCATION PLAN NOTES

1. STRIPE PARKING LOT TO MATCH EXISTING CONDITIONS. STRIPING SHALL BE 4" WIDE HIGHWAY-TYPE.

STATE OF OHIO
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E-78397
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LOCATION PLAN

DATE 4/28/23

COMM NO. 2021091.02

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0 25 50 100
SCALE: 1" = 50'

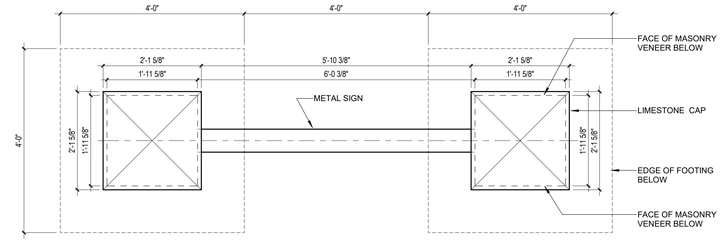
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ALTERNATE BID #3 - ARCHITECTURAL SITE SIGN



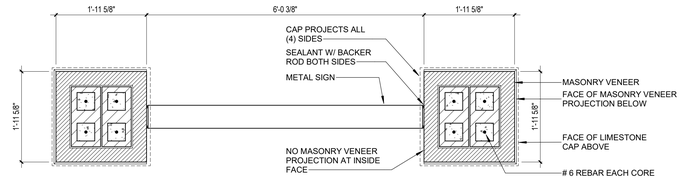
SITE SIGN ELEVATION

SCALE: 3/4" = 1'-0"



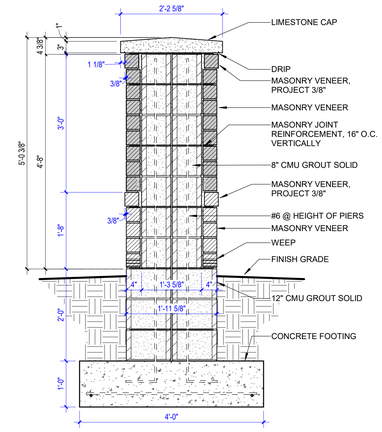
SITE SIGN PLAN **REFER TO CIVIL AND LANDSCAPE SHEETS FOR SIGN LOCATION

SCALE: 3/4" = 1'-0"



SITE SIGN PLAN DETAIL

SCALE: 3/4" = 1'-0"



SITE SIGN MASONRY SECTION

SCALE: 3/4" = 1'-0"

1 C801 MONUMENTAL SIGN

3/4" = 1'-0"

'0'-1" REFERENCE LINE'

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STATE OF OHIO
EMMA K. PEVOAR 2118434
REGISTERED ARCHITECT

EMMA K. PEVOAR, Lic# 2118434
Expiration Date 12/31/2023

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Bellevue, Kentucky 41073
859.360.1234
1086 North 4th Street, Ste 111
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ARCHITECTURAL SITE PLAN & DETAILS

DATE 4/28/23

COMM NO. 2021091.02

C801

5/15/2023 9:29:10 AM C:\Users\epevoar\Documents_LFile23\2021091.02 Winton Woods Early Childhood Reno_epevoar.rvt

SIGNAGE SCHEDULE

NUMBER	NAME	SIGN NUMBER	SIGN NAME
100A	LOBBY	---	---
100B	CORRIDOR	---	---
100C	CORRIDOR	---	---
100D	CORRIDOR	---	---
100E	CORRIDOR	---	---
100F	CORRIDOR	---	---
100G	CORRIDOR	---	---
100H	CORRIDOR	---	---
100J	CORRIDOR	---	---
100K	CORRIDOR	---	---
100L	CORRIDOR	---	---
100M	CORRIDOR	---	---
100N	CORRIDOR	---	---
100V	CORRIDOR	---	---
101	PRESCHOOL CLASSROOM	101	---
101A	ELEC.	101A	ELECTRICAL
101T	RR	---	RESTROOM
102	PRESCHOOL CLASSROOM	102	---
102T	RR	---	RESTROOM
103	PRESCHOOL CLASSROOM	103	---
104T	MEN	---	MEN
105T	WOMEN	---	WOMEN
106	RESOURCE	106	---
107	RESOURCE	107	---
107A	FAMILY / ELA	---	---
108	PRESCHOOL CLASSROOM	108	---
108T	RR	---	RESTROOM
109	PRESCHOOL CLASSROOM	109	---
109T	RR	---	RESTROOM
110	PRESCHOOL CLASSROOM	110	---
111	PRESCHOOL CLASSROOM	111	---
112	PRESCHOOL CLASSROOM	112	---
112T	RR	---	RESTROOM
113T	BOYS	---	BOYS
114	JAN.	114	CUSTODIAL
115T	GIRLS	---	GIRLS
116	FAMILY / ELA	---	---
117	RESOURCE	117	---
118	RESOURCE	118	---
119	PRESCHOOL CLASSROOM	119	---
119T	RR	---	RESTROOM
120	TEACHER WORKROOM	120	---
121	PRESCHOOL CLASSROOM	121	---
121T	RR	---	RESTROOM
122	FAMILY / ELA	---	---
122	RESOURCE		
123	PRESCHOOL CLASSROOM	123	---
123T	RR	---	RESTROOM
124	RESOURCE	124	---
125	RESOURCE	125	---
126	PRESCHOOL CLASSROOM	126	---
127	GIRLS	---	GIRLS
128	BOYS	---	BOYS
129	JANITOR	129	CUSTODIAL
130	KINDERGARTEN CLASSROOM	130	---
130A	FAMILY / ELA	---	---
131	KINDERGARTEN CLASSROOM	131	---
132	RESOURCE	132	---
133	RESOURCE	133	---
134	KINDERGARTEN CLASSROOM	134	---
135	KINDERGARTEN CLASSROOM	135	---
136	KINDERGARTEN CLASSROOM	136	---
137	KINDERGARTEN CLASSROOM	137	---
138	ART CLASSROOM	138	---
138A	KILN/STOR. ROOM	138A	KILN
139	KINDERGARTEN CLASSROOM	139	---
140	TECH	140	TECHNOLOGY
141	FAMILY / ELA	---	---
142	KINDERGARTEN CLASSROOM	142	---
143	KINDERGARTEN CLASSROOM	143	---
143A	RESOURCE	143A	---
144	KINDERGARTEN CLASSROOM	144	---
145	MECHANICAL EQUIPMENT	145	MECHANICAL
146	CUSTODIAN	146	CUSTODIAL
147T	GIRLS	---	WOMEN
148T	BOYS	---	MEN
149	STORAGE	149	STORAGE
151	MUSIC	151	---
152	STORAGE	---	---

SIGNAGE SCHEDULE

NUMBER	NAME	SIGN NUMBER	SIGN NAME
153	ELECTRICAL ROOM	---	---
160A	WAITING	---	---
160B	GENERAL OFFICE	160	OFFICE
160C	WORK ROOM	---	---
161	PRINCIPAL	161	---
162	CONFERENCE ROOM	162	---
162A	VAULT	---	VAULT
163	CLINIC	163	CLINIC
164	PSYCH OFFICE	164	---
165	STOR.	165	STORAGE
166	BOOK ROOM	166	---
167	STOR.	167	STORAGE
168	FILES	168	STORAGE
169	OT/PT	169	---
169T	RR	---	RESTROOM
170	CLC	170	---
171T	RR	---	MEN
172	SPECIAL ED CLASSROOM	172	---
172A	TECH	172A	---
172B	SENSORY	172B	---
172T	RR	---	RESTROOM
173	SPECIAL ED CLASSROOM	173	---
174	SPECIAL ED CLASSROOM	174	---
174A	STORAGE	174A	STORAGE
175T	RR	---	WOMEN
176	RESOURCE	176	---
177	TALBERT	177	---
178	TALBERT	178	---
180	KINDERGARTEN CLASSROOM	180	---
180A	FAMILY / ELA	---	---
181	KINDERGARTEN CLASSROOM	181	---
182	KINDERGARTEN CLASSROOM	182	---
183	GYMNASIUM	---	GYMNASIUM
183A	GYM STORAGE	183A	STORAGE
184	PLATFORM	184	---
184A	MECH.	184A	MECHANICAL
185	MECHANICAL	185	MECHANICAL
186	LARGE MOTOR / BOE	186	---
187	STORAGE	187	STORAGE
188	KITCHEN	---	KITCHEN
189	REFRIGERATOR	---	---
189A	FREEZER ENTRY	---	REFRIGERATOR/FREEZER
190	FREEZER	---	---
191	DRY STORAGE	191	STORAGE
192	LOCKER	---	LOCKER ROOM
193	LAUNDRY & STOR.	193	LAUNDRY
194	OFFICE	194	---
195	JANITOR & STOR. RM.	195	CUSTODIAL
196	FREEZER	196	STORAGE

WORK POINT ELEVATION

DETAIL NUMBER
SHEET NUMBER WHERE SHOWN

INTERIOR ELEVATION NUMBER
SHEET NUMBER WHERE SHOWN

EXTERIOR ELEVATION NUMBER
SHEET NUMBER WHERE SHOWN

SECTION NUMBER
SHEET NUMBER WHERE SHOWN

WINDOW TYPE

STOREFRONT OR CURTAINWALL TYPE

PARTITION TYPE

CONTROL JOINT

COLUMN CENTERLINE

KEYNOTE

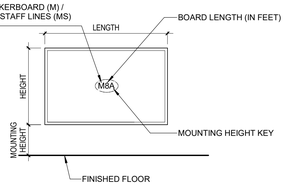
VISUAL DISPLAY BOARD

CMU
BRICK
CMU - SOLID
DRAINAGE FILL
CAST STONE
GROUT FILL
EARTH
GYPSUM BOARD
CONTINUOUS WOOD BLOCKING
RIGID INSULATION
BLANKET INSULATION
FINISH WOOD

BD	BOARD
BN	BULLNOSE
CL	CENTERLINE
CJ	CONTROL JOINT
CLG	CEILING
CFMF	COLD-FORMED METAL FRAMING
CMU	CONCRETE MASONRY UNIT
CONC	CONCRETE
CONT	CONTINUOUS
DIA	DIAMETER
DIM	DIMENSION
DEFS	DIRECT-APPLIED EXTERIOR FINISH SYSTEM
DN	DOWN
DS	DOWNSPOUT
EA	EACH
EIFS	EXTERIOR INSULATION FINISH SYSTEM
EL	ELEVATION
EQ	EQUAL
EJ	EXPANSION JOINT
FE	FIRE EXTINGUISHER MOUNTED W/ WALL BRACKET
FEC	FIRE EXTINGUISHER IN CABINET
FT	FOOT OR FEET
GA	GAUGE
GYP BD	GYPSUM BOARD
HR	HOUR
HT	HEIGHT
LGMF	LIGHT GAUGE METAL FRAMING
NIC	NOT IN CONTRACT
NTS	NOT TO SCALE
MO	MASONRY OPENING
OC	ON CENTER
OPP	OPPOSITE HAND
R	RADIUS
RD	ROOF DRAIN
RO	ROUGH OPENING
SIM	SIMILAR
SRD	SECONDARY ROOF DRAIN
TYP	TYPICAL
UNO	UNLESS NOTED OTHERWISE
WD	WOOD

AS SYMBOLS & LEGENDS

TACKBOARD (T) / MARKERBOARD (M) / MARKERBOARD WITH STAFF LINES (MS) / TACK STRIPS (S)



NEW FRAMED MARKERBOARD ASSEMBLIES LEGEND

	KEY		LENGTH	HEIGHT	MOUNTING HEIGHT	QUANTITY
M	4	a	4'-0"	4'-0"	2'-0"	5
M	4	b	4'-0"	4'-0"	2'-4"	3
M	8	a	8'-0"	4'-0"	2'-0"	2
M	8	b	8'-0"	4'-0"	2'-4"	3
M	12	a	12'-0"	4'-0"	2'-0"	8
M	12	b	12'-0"	4'-0"	2'-4"	14
MS	8	b	8'-0"	4'-0"	2'-4"	1

CONTRACTOR RESPONSIBLE FOR CONFIRMING DISPLAY BOARD QUANTITIES BASED ON PLANS.

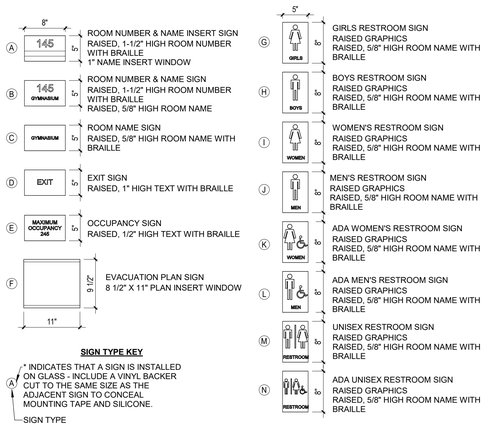
VISUAL DISPLAY BOARD LEGEND

EXISTING SHELVING UNIT SCHEDULE

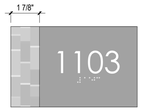
MARK	EXISTING ROOM NUMBER	NEW ROOM NUMBER
ES-1	102	101
ES-2A	103	111
ES-2B	103	108
ES-3	104	109
ES-4	106	103
ES-5A	107	112
ES-5B	107	112
ES-6A	108	139
ES-6B	108	142
ES-6C	108	110
ES-7	109	119
ES-8A	110	121
ES-8B	110	130
ES-9	111	123
ES-10	112	126
ES-11	113	137
ES-12A	115	135
ES-12B	115	136
ES-13A	121	143
ES-13B	121	102
ES-13C	121	134
ES-14	NOT USED	NOT USED
ES-15	162	182

EXISTING MARKERBOARD SCHEDULE

MARK	EXISTING ROOM NUMBER	NEW ROOM NUMBER
EM-1A	101	101
EM-1B	101	101
EM-2	104	169
EM-3A	105	110
EM-3B	105	110
EM-4	107	112
EM-5	108	112
EM-6	110	121
EM-7	111	123
EM-8	112	121
EM-9	116	131
EM-10	114	131
EM-11	114	108
EM-12	117	174
EM-13	NOT USED	NOT USED
EM-14A	120	138
EM-14B	120	138
EM-15A	119	139
EM-15B	119	139
EM-16	121	108
EM-17	102	176

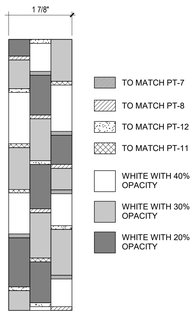


SIGN TYPE LEGEND

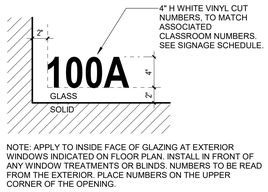


SIGN TYPES A, B, & C

BAND DETAIL- NTS



SIGNAGE DETAILS



NOTE: APPLY TO INSIDE FACE OF GLAZING AT EXTERIOR WINDOWS INDICATED ON FLOOR PLAN. INSTALL IN FRONT OF ANY WINDOW TREATMENTS OR BLINDS. NUMBERS TO BE READ FROM THE EXTERIOR. PLACE NUMBERS ON THE UPPER CORNER OF THE OPENING.

EXTERIOR OPENING VINYL NUMBERS

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EMMA K. PEVOAR
2118434
REGISTERED ARCHITECT
EMMA K. PEVOAR, Lic# 2118434
Expiration Date 12/31/2023

SHP
223 Fairfield Avenue, Ste 100
Bellevue, Kentucky 41073
859.360.1234
1086 North 4th Street, Ste 111
Columbus, Ohio 43201
614.423.2124
312 Plum Street, Ste 700
Cincinnati, Ohio 45202
513.381.2112

WINTON WOODS CITY SCHOOLS
EARLY CHILDHOOD RENOVATION
825 WAYCROSS ROAD, CINCINNATI, OH 45240

WINTON WOODS CITY SCHOOLS
825 WAYCROSS ROAD, SUITE A, CINCINNATI, OH 45240

ISSUANCES

04-28-23	BID / PERMIT

SIGNAGE SCHEDULE AND TYPICAL DETAILS

DATE 4/28/23

COMM NO. 2021091.02

A000

0'-1" REFERENCE LINE

5/15/2023 9:29:55 AM C:\Users\epevoar\Documents_LFile2\2021091.02 Winton Woods Early Childhood Reno_epevoar.rvt

DOOR AND FRAME SCHEDULE

	DOOR							FRAME												
#	# OF LEAFS	WIDTH	HEIGHT	THK	TYPE	MATL	FINISH	GLASS	DEPTH	TYPE	E-FRAME	MATL	FINISH	HEAD	JAMB	SILL	SIDELITE WIDTH	RATING (MINUTES)	ACCESS CONTROL	HDWR SET	NOTES	DOOR #
100A	2	3'-0"	7'-0"	1 3/4"	FG	ALUM	MTL	IG-1	4 1/2"	S32	-	AL	MTL	H-4	J-5			-	●	AC-01		100A
100B	2	3'-0"	7'-0"	1 3/4"	FG	ALUM	MTL	IG-1	4 1/2"	S31	-	AL	MTL	H-4	J-5			-	●	AC-01		100B
100C	2	3'-0"	7'-0"	1 3/4"	FG	ALUM	MTL	IG-1	4 1/2"	S30	-	AL	MTL	H-4	J-5			-	●	AC-01		100C
101	1	3'-0"	7'-0"	1 3/4"	D	WD	PF		5"	1	-	HM	PT-2	H-8	J-8			-	-	E-01A		101
102T	1	3'-0"	7'-0"	1 3/4"	D	WD	PF		8 7/8"	1	-	HM	PT-2	H-7	J-7			-	-	E-02A		102T
102TA	1	3'-0"	7'-0"	1 3/4"	D	WD	PF		8 7/8"	1	-	HM	PT-2	H-7	J-7			-	-	E-02B		102TA
106	1	3'-0"	7'-0"	1 3/4"	FG	WD	PF	IG-1	9"	1	-	HM	PT-2	H-6	J-8			20	-	01		106
107B	1	3'-0"	7'-0"	1 3/4"	F	WD	PF	IG-1	8 7/8"	1	-	HM	PT-2	H-7	J-7		2'-2"	45	-	01		107B
108	1	3'-0"	7'-0"	1 3/4"	F	WD	PF	IG-1	8 7/8"	1	-	HM	PT-2	H-7	J-7		2'-2"	45	-	02		108
108T	1	3'-0"	7'-0"	1 3/4"	D	WD	PF		8 7/8"	1	-	HM	PT-2	H-7	J-7			-	-	E-02A		108T
108TA	1	3'-0"	7'-0"	1 3/4"	D	WD	PF		7"	1	-	HM	PT-2	H-6	J-8			-	-	E-02B		108TA
109T	1	3'-0"	7'-0"	1 3/4"	D	WD	PF		8 7/8"	1	-	HM	PT-2	H-7	J-7			-	-	E-02A		109T
109TA	1	3'-0"	7'-0"	1 3/4"	D	WD	PF		8 7/8"	1	-	HM	PT-2	H-7	J-7			-	-	E-02B		109TA
112T	1	3'-0"	7'-0"	1 3/4"	D	WD	PF		8 7/8"	1	-	HM	PT-2	H-7	J-7			-	-	03		112T
117	1	3'-0"	7'-0"	1 3/4"	FG	WD	PF	IG-1	8 7/8"	1	-	HM	PT-2	H-7	J-7			45	-	01		117
118	1	3'-0"	7'-0"	1 3/4"	FG	WD	PF	IG-1	8 7/8"	1	-	HM	PT-2	H-7	J-7			45	-	01		118
119	1	3'-0"	7'-0"	1 3/4"	FG	WD	PF	IG-1	8 7/8"	1	-	HM	PT-2	H-6	J-8			45	-	01		119
119T	1	3'-0"	7'-0"	1 3/4"	D	WD	PF		8 7/8"	1	-	HM	PT-2	H-7	J-7			-	-	03		119T
121T	1	3'-0"	7'-0"	1 3/4"	D	WD	PF		8 7/8"	1	-	HM	PT-2	H-7	J-7			-	-	03		121T
123T	1	3'-0"	7'-0"	1 3/4"	D	WD	PF		8 7/8"	1	-	HM	PT-2	H-7	J-7			-	-	03		123T
124	1	3'-0"	7'-0"	1 3/4"	FG	WD	PF	IG-1	9"	1	-	HM	PT-2	H-6	J8			20	-	01		124
125	1	3'-0"	7'-0"	1 3/4"	FG	WD	PF	IG-1	9"	1	-	HM	PT-2	H-6	J8			20	-	01		125
126	1	3'-0"	7'-0"	1 3/4"	D	WD	PF		5"	1	-	HM	PT-2	H-8	J-8			-	-	E-01B		126
130	1	3'-0"	7'-0"	1 3/4"	F	WD	PF	IG-1	8 5/8"	2	-	HM	PT-2	H-1	J-1		2'-2"	20	-	04		130
131	1	3'-0"	7'-0"	1 3/4"	F	WD	PF	IG-1	7"	2	-	HM	PT-2	-	-		2'-2"	20	-	04	EXISTING FRAME TO REMAIN	131
132	1	3'-0"	7'-0"	1 3/4"	FG	WD	PF	IG-1	8 7/8"	1	-	HM	PT-2	H-7	J-7			45	-	01		132
133	1	3'-0"	7'-0"	1 3/4"	FG	WD	PF	IG-1	8 7/8"	1	-	HM	PT-2	H-7	J-7			45	-	01		133
134	1	3'-0"	7'-0"	1 3/4"	F	WD	PF	IG-1	8 5/8"	2	-	HM	PT-2	H-1	J-1		2'-2"	45	-	04		134
135	1	3'-0"	7'-0"	1 3/4"	F	WD	PF	IG-1	7"	2	-	HM	PT-2	-	-		2'-2"	20	-	04	EXISTING FRAME TO REMAIN	135
136	1	3'-0"	7'-0"	1 3/4"	F	WD	PF	IG-1	7"	2	-	HM	PT-2	-	-		2'-2"	20	-	04	EXISTING FRAME TO REMAIN	136
137	1	3'-0"	7'-0"	1 3/4"	F	WD	PF	IG-1	7"	2	-	HM	PT-2	-	-		2'-2"	20	-	04	EXISTING FRAME TO REMAIN	137
138	1	3'-0"	7'-0"	1 3/4"	F	WD	PF	IG-1	8 5/8"	2	-	HM	PT-2	H-1	J-1		2'-2"	20	-	04		138
138A	1	3'-0"	7'-0"	1 3/4"	N	WD	PF		8 7/8"	1	-	HM	PT-2	H-7	J-7			-	-	05		138A
139	1	3'-0"	7'-0"	1 3/4"	F	WD	PF	IG-1	7"	2	-	HM	PT-2	-	-		2'-2"	20	-	04	EXISTING FRAME TO REMAIN	139
141	1	3'-0"	7'-0"	1 3/4"	F	WD	PF	-	9"	1	EFR	HM	PT-2	H-6	J-8			20	●	AC-02		141
142	1	3'-0"	7'-0"	1 3/4"	F	WD	PF	IG-1	6 5/8"	2	-	HM	PT-2	H-1	J-1		2'-2"	45	-	01		142
143A	1	3'-0"	7'-0"	1 3/4"	FG	WD	PF	IG-1	8 7/8"	1	-	HM	PT-2	H-7	J-7			-	-	DD-02		143A
143B	1	3'-0"	7'-0"	1 3/4"	FG	WD	PF	IG-1	8 7/8"	1	-	HM	PT-2	H-7	J-7			-	-	DD-02		143B
152	1	3'-0"	7'-0"	1 3/4"	FG	WD	PF	IG-1	8 7/8"	1	-	HM	PT-2	H-6	J-8			20	-	06		152
160	1	3'-0"	6'-11 1/8"	1 3/4"					4 1/2"	-		ALUM	MTL	-	-			20	-	AC-03	EXISTING FRAME TO REMAIN	160
161	1	3'-0"	7'-0"	1 3/4"	F	WD	PF	-	5"	2	-	HM	PT-2	-	-			20	-	04	EXISTING FRAME TO REMAIN	161
171T	0	3'-0"	7'-0"	0"	-	-	-	-	1'-0 7/8"	HM	-	HM	PT-2	H-6	J-8			20	-	-		171T
172	1	3'-0"	7'-0"	1 3/4"	F	WD	PF	-	1'-1"	2	-	HM	PT-2	H-6	J-8			20	-	01		172
172T	1	3'-0"	7'-0"	1 3/4"	F	WD	PF	-	7"	2	-	HM	PT-2	H-6	J-8			-	-	03		172T
173	1	3'-0"	7'-0"	1 3/4"	F	WD	PF	-	8 7/8"	2	-	HM	PT-2	H-7	J-7			-	-	07		173
174	1	3'-0"	7'-0"	1 3/4"	F	WD	PF	-	8 7/8"	2	-	HM	PT-2	H-7	J-7			-	-	08		174
175T	0	3'-0"	7'-0"	0"	-	-	-	-	6 7/8"	HM	-	HM	PT-2	H-6	J-8			20	-	-		175T
176	1	3'-0"	7'-0"	1 3/4"	F	WD	PF	-	9"	2	-	HM	PT-2	H-6	J-8			20	-	01		176
177	1	3'-0"	7'-0"	1 3/4"	F	WD	PF	-	7"	2	-	HM	PT-2	H-6	J-8			20	-	09		177
178	1	3'-0"	7'-0"	1 3/4"	F	WD	PF	-	7"	2	-	HM	PT-2	H-6	J-8			20	-	09		178
180	1	3'-0"	7'-0"	1 3/4"	F	WD	PF	IG-1	8 7/8"	1	-	HM	PT-2	H-7	J-7		2'-2"	45	-	01		180
181	1	3'-0"	7'-0"	1 3/4"	F	WD	PF	IG-1	8 7/8"	1	-	HM	PT-2	H-7	J-7		2'-2"	45	-	01		181
182	1	3'-0"	7'-0"	1 3/4"	F	WD	PF	IG-1	8 7/8"	1	-	HM	PT-2	H-7	J-7		2'-2"	45	-	01		182
187	1	3'-0"	7'-0"	1 3/4"	F	HM	PT-2	-	8 1/4"	1	-	HM	PT-2	H-6	J-8			-	-	10		187
188A	1	3'-0"	7'-0"	1 3/4"	F	WD	PF	-	1'-1"	3	-	HM	PT-2	H-8	J-8			-	-	11		188A
188B	1	10'-0"	9'-4"	2"	OCD	STL	MTL	-	2"	11	-	STL	MTL	H-14	J-14			-	-	RU		188B
188C	1	3'-0"	7'-0"	1 3/4"	F	WD	PF	-	1'-1"	3	-	HM	PT-2	H-8	J-8			-	-	11		188C
191	1	3'-0"	7'-0"	1 3/4"	F	HM	PT-2	-	7"	1	-	HM	PT-2	H-6	J-8			-	-	12		191
200A	2	3'-0"	7'-0"	1 3/4"	FG	ALUM	MTL	IG-1	4 1/2"	S28	-	AL	MTL	H-4	J-5			-	●	AC-01		200A
201C	2	3'-0"	7'-0"	1 3/4"	FG	ALUM	MTL	IG-1	4 1/2"	S33	-	AL	MTL	H-4	J-5			-	●	AC-01		201C

OPERABLE PANEL PARTITION SCHEDULE

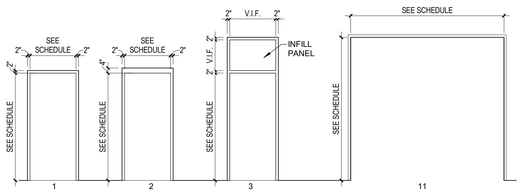
MARK	LENGTH	CEILING HEIGHT	TYPE	COMMENTS

OPENING SCHEDULE ABBREVIATIONS

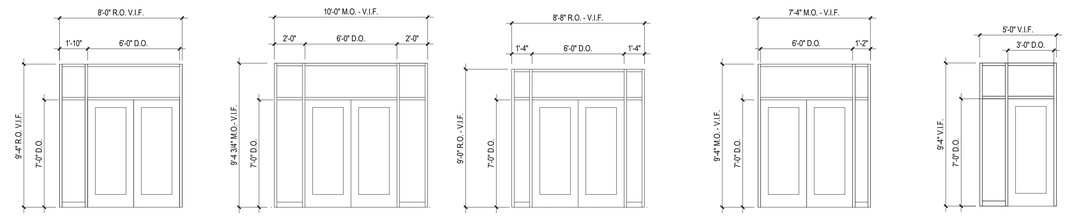
AL	ALUMINUM
HM	HOLLOW METAL
PF	PREFINISHED
PT	PAINT
SS	STAINLESS STEEL
STL	STEEL
WD	WOOD



DOOR TYPES



FRAME TYPES



STOREFRONT TYPES

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312 Plum Street, Ste 700
Cincinnati, Ohio 45202
513.381.2112
1086 North 4th Street, Ste 111
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614.223.2124
223 Fairfield Avenue, Ste 100
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859.360.1234

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EARLY CHILDOOD RENOVATION
825 WAYCROSS ROAD, CINCINNATI, OH 45240

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825 WAYCROSS ROAD, SUITE A, CINCINNATI, OH 45240

ISSUANCES

04-28-23	BID / PERMIT

OPENING SCHEDULE

DATE 4/28/23

COMM NO. 2021091.02

A010

"2-1" REFERENCE LINE"

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GENERAL NOTES - ACCESS CONTROL

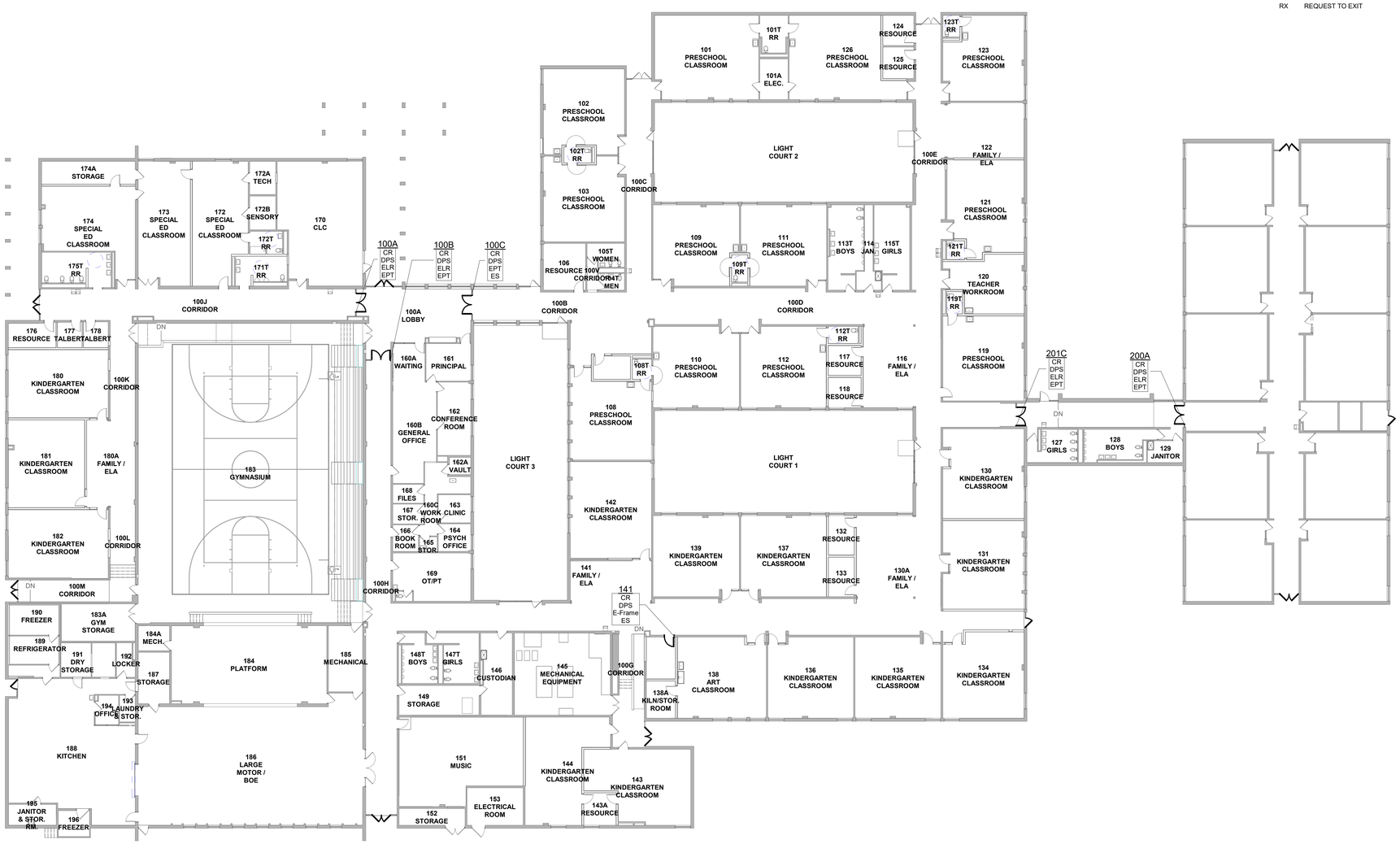
A. INFORMATION SHOWN ON ACCESS CONTROL PLANS INTENDED TO DESCRIBE AND COORDINATE OPERATION OF BUILDING ACCESS - REFER TO HARDWARE SCHEDULE FOR COMPLETE HARDWARE SET CONTENTS (INCLUDING QUANTITIES) AT EACH OPENING.

B. COORDINATE FINAL KNOX BOX QUANTITY AND LOCATION WITH LOCAL JURISDICTION PRIOR TO INSTALLATION.

C. ALL KNOX BOXES TO BE RECESSED IN EXTERIOR WALL AT COORDINATED LOCATIONS. KNOX BOX TO BE INSTALLED AT 40" ABOVE FINISHED PAVEMENT.

ACCESS CONTROL LEGEND

AO	AUTO OPERATOR
AOA	AUTOMATIC OPERATOR ACTUATOR
CR	CREDENTIAL READER
DPS	DOOR POSITION SWITCH
EFR	E-FRAME
EL	ELECTRIC LOCK/UNLOCK
ELR	ELECTRIC LATCH RETRACTION
EPT	ELECTRIC POWER TRANSFER
ES	ELECTRIC STRIKE
FHO	FIRE ALARM HOLD OPEN
ICPR	INTERCOM STATION W/ PROXIMITY CARD READER
KB	KNOX BOX
KP	KEYPAD
LBM	LATCH BOLT MONITOR
MHO	MAGNETIC HOLD OPEN
PK	DUAL KEYPAD & PROXIMITY CARD READER
PS	POWER SUPPLY
RX	REQUEST TO EXIT



1 A011 FIRST FLOOR ACCESS CONTROL
1/16" = 1'-0"

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Bellevue, Kentucky 41073
859.360.1234
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825 WAYCROSS ROAD, SUITE A, CINCINNATI, OH 45240

ISSUANCES

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ACCESS CONTROL

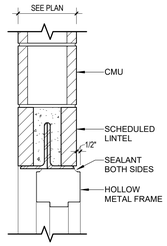
DATE 4/28/23

COMM NO. 2021091.02

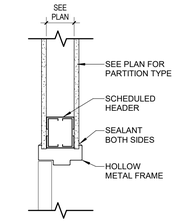
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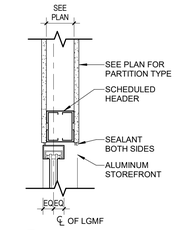
0'-1" REFERENCE LINE



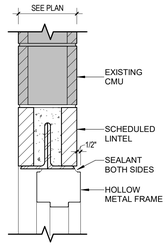
H-1 A030 HEAD DETAIL
1 1/2" = 1'-0"



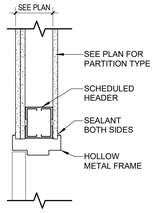
H-2 A030 HEAD DETAIL
1 1/2" = 1'-0"



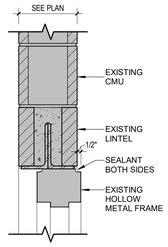
H-4 A030 HEAD DETAIL
1 1/2" = 1'-0"



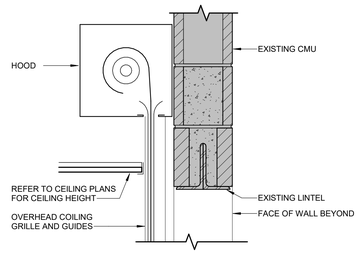
H-6 A030 HEAD DETAIL
1 1/2" = 1'-0"



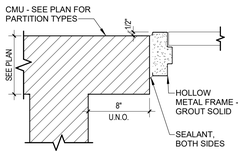
H-7 A030 HEAD DETAIL
1 1/2" = 1'-0"



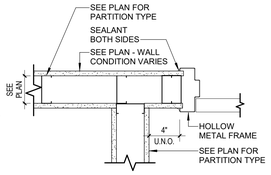
H-8 A030 HEAD DETAIL
1 1/2" = 1'-0"



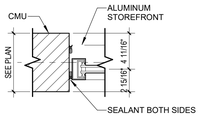
H-14 A030 HEAD DETAIL
1 1/2" = 1'-0"



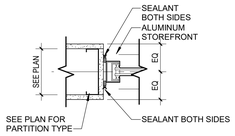
J-1 A030 JAMB DETAIL
1 1/2" = 1'-0"



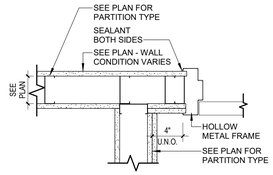
J-2 A030 JAMB DETAIL
1 1/2" = 1'-0"



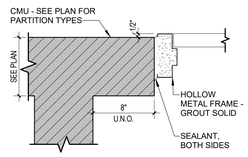
J-5 A030 JAMB DETAIL
1 1/2" = 1'-0"



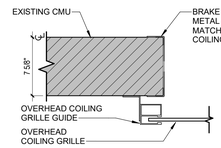
J-6 A030 JAMB DETAIL
1 1/2" = 1'-0"



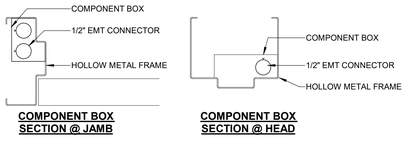
J-7 A030 JAMB DETAIL
1 1/2" = 1'-0"



J-8 A030 JAMB DETAIL
1 1/2" = 1'-0"

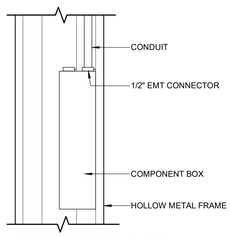


J-14 A030 JAMB DETAIL
1 1/2" = 1'-0"

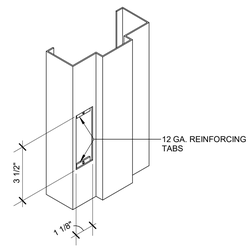


COMPONENT BOX SECTION @ JAMB

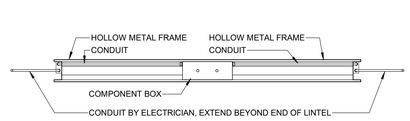
COMPONENT BOX SECTION @ HEAD



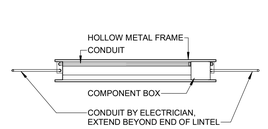
COMPONENT BOX ELEVATION



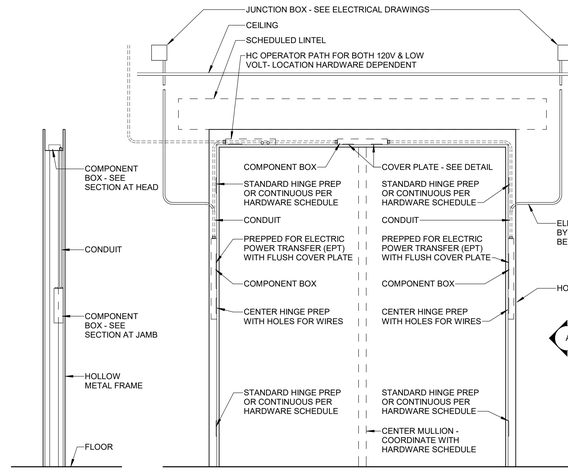
COVER PLATE DETAIL



DOUBLE DOOR PLAN

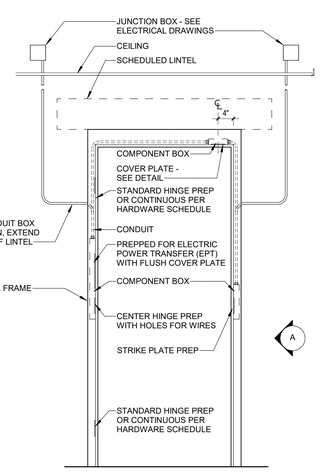


SINGLE DOOR PLAN



JAMB ELEVATION A

DOUBLE DOOR ELEVATION



SINGLE DOOR ELEVATION

E-FRAME DETAILS

"0'-1" REFERENCE LINE"

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REGISTERED ARCHITECT
EMMA K. PEVOAR
2118434
EMMA K. PEVOAR, Lic# 2118434
Expiration Date 12/31/2023

SHP
223 Fairfield Avenue, Ste 100
Bellevue, Kentucky 41073
859.360.1234
1086 North 4th Street, Ste 111
Columbus, Ohio 43201
614.423.2124
312 Plum Street, Ste 700
Cincinnati, Ohio 45202
513.381.2112

WINTON WOODS CITY SCHOOLS
EARLY CHILDOOD RENOVATION
825 WAYCROSS ROAD, CINCINNATI, OH 45240

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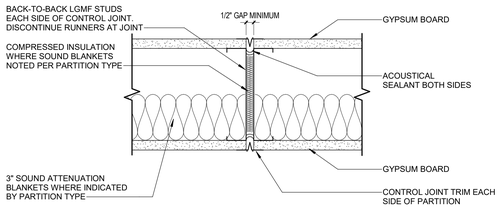
HEAD, JAMB, & SILL DETAILS

DATE 4/28/23

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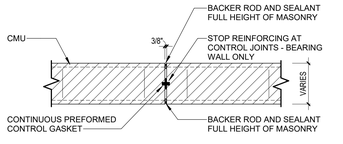
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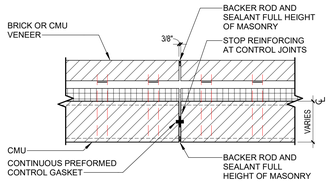


NOTES:
1. CEILING & SOFFIT CONTROL JOINTS SIMILAR.
2. PROVIDE INDEPENDENT METAL FRAMING EACH SIDE OF JOINT.
3. IF RATED WALL, COMPLY WITH GYPSUM ASSOCIATION DETAILS.

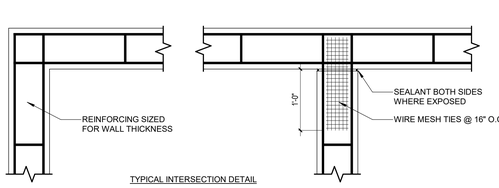
STUD PARTITION DETAILS



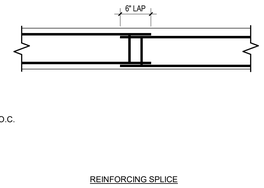
SINGLE WYTHE



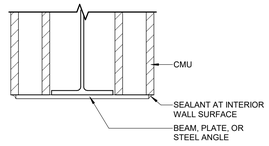
CAVITY WALL



TYPICAL INTERSECTION DETAIL

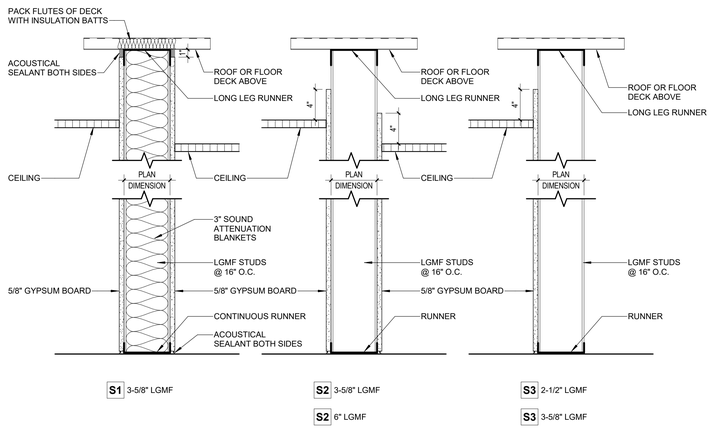


REINFORCING SPLICE



SEALANT JOINT DETAIL

TYPICAL MASONRY DETAILS



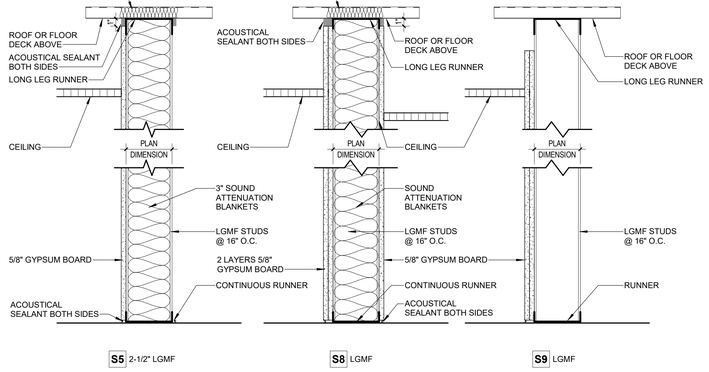
S1 3-5/8" LGMF

S2 3-5/8" LGMF

S2 6" LGMF

S3 2-1/2" LGMF

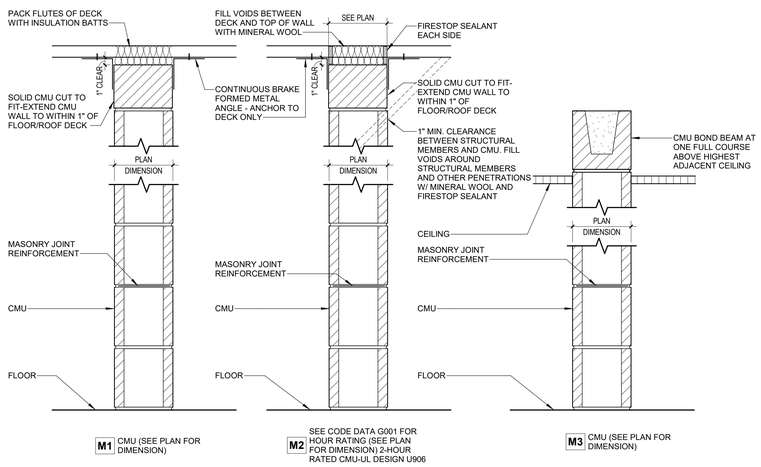
S3 3-5/8" LGMF



S5 2-1/2" LGMF

S8 LGMF

S9 LGMF



M1 CMU (SEE PLAN FOR DIMENSION)

M2 SEE CODE DATA G001 FOR HOUR RATING (SEE PLAN FOR DIMENSION) 2-HOUR RATED CMU-UL DESIGN U906

M3 CMU (SEE PLAN FOR DIMENSION)

PARTITION TYPES

GENERAL NOTES - PARTITIONS

A. REFER TO BUILDING AND WALL SECTIONS FOR EXTERIOR WALL TYPES.
B. REFER TO STRUCTURAL DRAWINGS FOR TYPE AND LOCATION OF REQUIRED REINFORCING AT MASONRY WALLS.
C. PROVIDE MASONRY JOINT REINFORCING 16" O.C. VERTICALLY IN ALL MASONRY PARTITIONS.

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EMMA K. PEVOAR 2118434
REGISTERED ARCHITECT
EMMA K. PEVOAR, Lic# 2118434
Expiration Date 12/31/2023

SHP
223 Fairfield Avenue, Ste 100
Bellevue, Kentucky 41073
859.360.1234
1086 North 4th Street, Ste 111
Columbus, Ohio 43201
614.423.2264
312 Plum Street, Ste 700
Cincinnati, Ohio 45202
513.381.2112

WINTON WOODS CITY SCHOOLS
EARLY CHILDOOD RENOVATION
825 WAYCROSS ROAD, CINCINNATI, OH 45240

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STANDARD PARTITION TYPES

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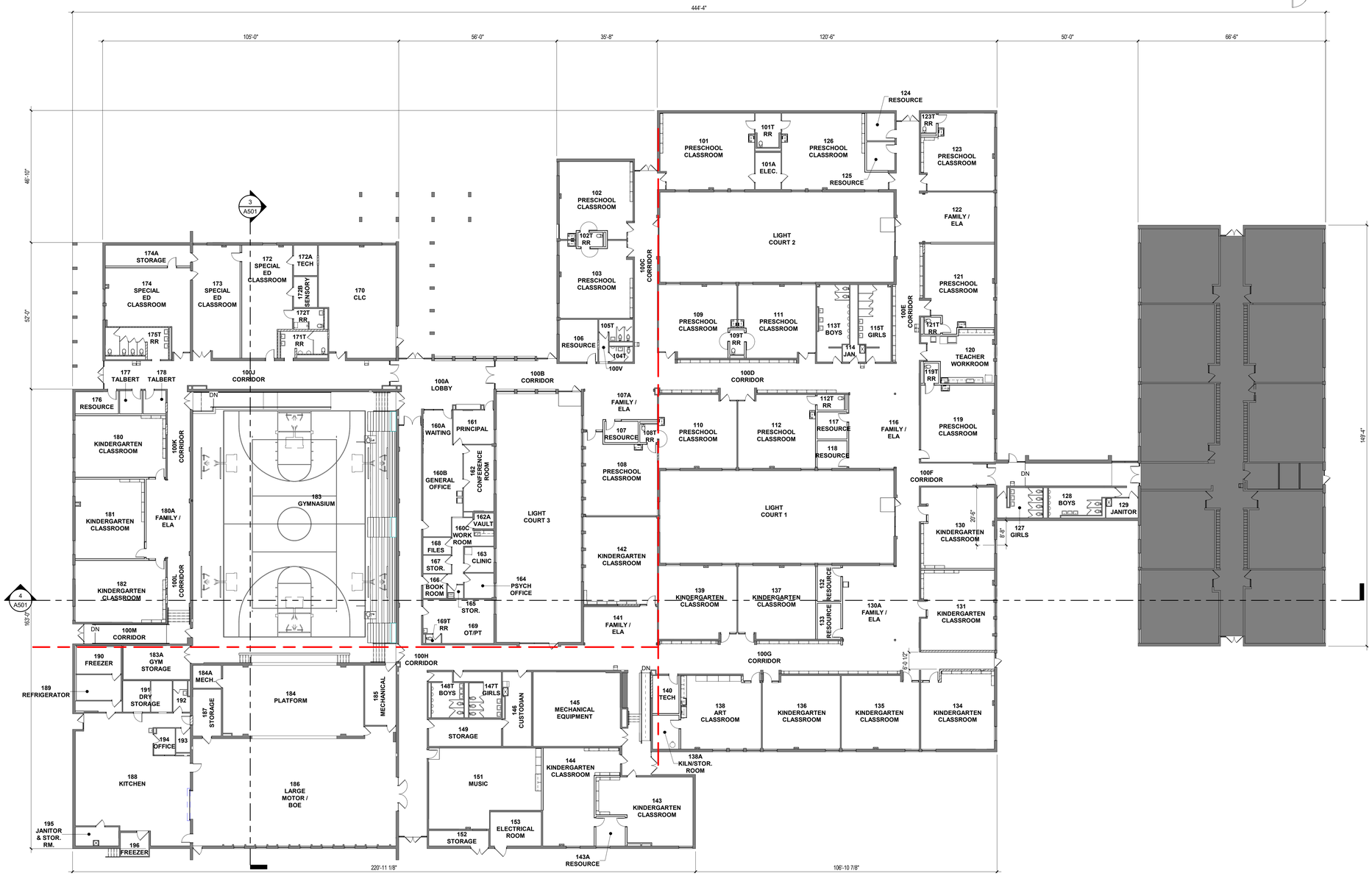
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EARLY CHILDHOOD RENOVATION
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FLOOR PLAN LEGEND

- NO WORK THIS AREA
- EXISTING WALL/PARTITION TO REMAIN
- NEW WALL/PARTITION
- EXISTING DOOR AND FRAME TO REMAIN
- NEW DOOR



1 A051 FIRST FLOOR OVERALL FLOOR PLAN
1/16" = 1'-0"

ISSUANCES

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OVERALL FIRST FLOOR PLAN

DATE 4/28/23

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A051

0'-1" REFERENCE LINE

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PARTITION WALL LEGEND

PARTITION TAG. LOCATION OF TAG DELINEATES THE SIDE WITH MULTIPLE LAYERS OF GYP. (WHERE APPLICABLE) — S1

*PLEASE SEE SHEET A040 FOR STANDARD PARTITION TYPES

FLOOR PLAN LEGEND

- NO WORK THIS AREA
- EXISTING WALL/PARTITION TO REMAIN
- NEW WALL/PARTITION
- EXISTING DOOR AND FRAME TO REMAIN
- NEW DOOR

GENERAL NOTES - FLOOR PLAN

A. ALL DIMENSIONS ARE TO FACE OF MASONRY, FACE OF STUD, OR FACE OF EXISTING FINISH UNLESS NOTED OTHERWISE.

B. FIRESTOP ALL PENETRATIONS THRU NEW AND EXISTING CORRIDOR WALLS

C. WHERE EXISTING WINDOWS ARE INDICATED TO BE REMOVED AND REPLACED, WIRE BRUSH LOOSE PAINT AND RUST FROM STEEL LINTELS, PRIME, AND PAINT

D. EVALUATE EXISTING ROOF DECK AND IN AREAS OF DISREPAIR, PATCH ROOF DECK AS PART OF ALLOWANCE #1

E. AT EXISTING SURFACES, REMOVE CAULK BETWEEN JOINTS OF SIMILAR AND DISSIMILAR MATERIALS AND RECAULK PROIR TO PAINTING

KEY NOTES - FLOOR PLANS

A10 INFILL OPENING WITH CMU EQUAL WIDTH OF WALL

A11 ALTERNATE #7. PROVIDE NEW BLEACHERS

A22 LOCATION OF SQUEEZE CHANNEL TOOTH IN MASONRY WITH SAME MATERIAL, COLOR, AND TEXTURE TO MATCH ADJACENT EXISTING CONDITION. SEE STRUCTURAL DRAWINGS FOR MORE INFORMATION.

A23 TOOTH IN MASONRY WITH SAME MATERIAL, COLOR, AND TEXTURE. ALIGN WITH EXISTING ADJACENT FINISHES.

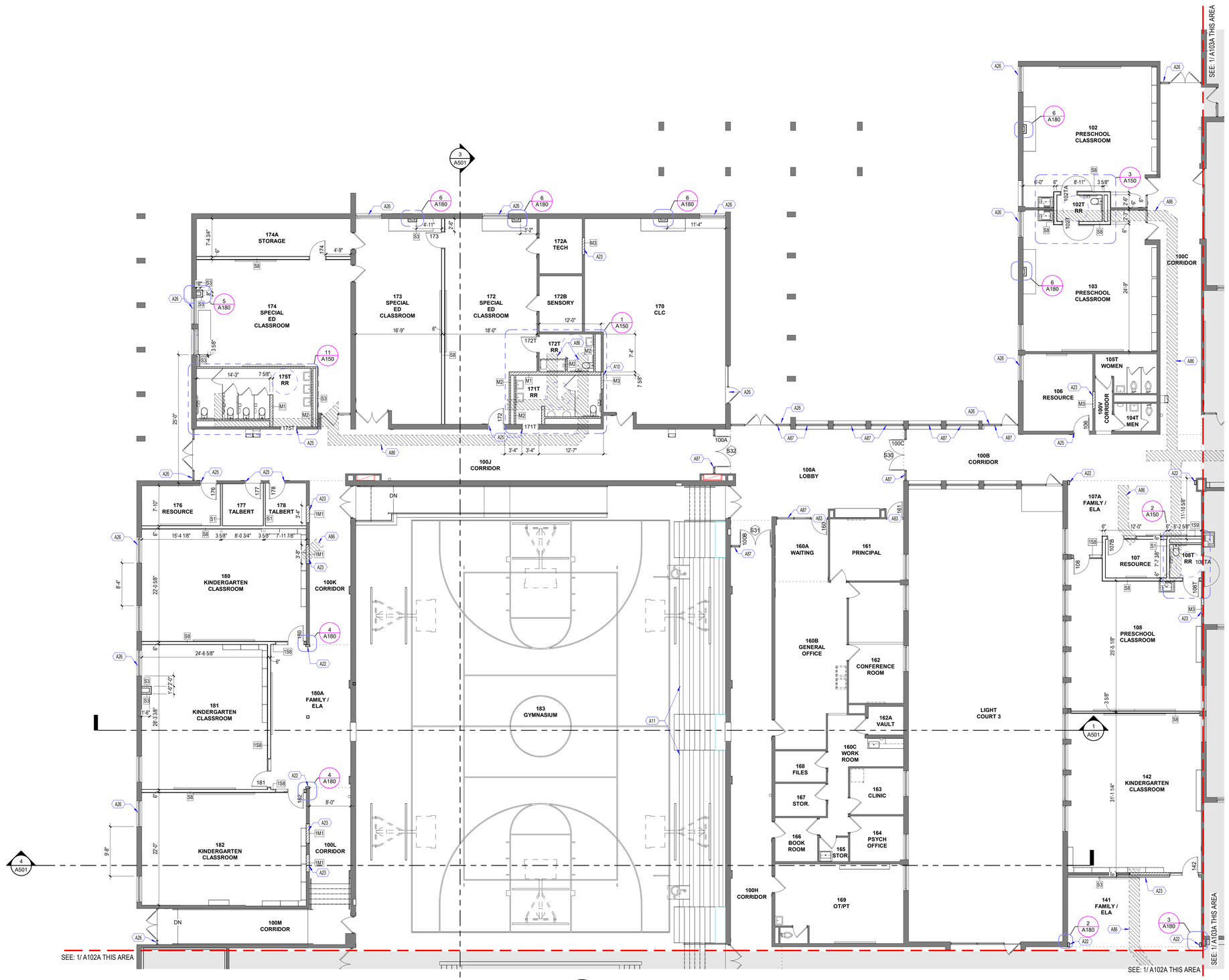
A25 NEW OPENING AND LINTEL. SEE STRUCTURAL DRAWINGS FOR LINTEL INFORMATION

A26 OPENING TO RECEIVE VINYL CUT NUMBER. SEE DETAIL ON SHEET A000 FOR MORE INFORMATION

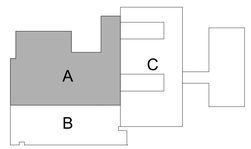
A83 ALTERNATE #1. REPLACE EXISTING DOOR AND HARDWARE. DOOR FRAME TO REMAIN

A86 TOOTH IN MASONRY WALLS AND PATCH FLOORS WHERE UNDERGROUND PLUMBING WORK HAS OCCURED, MATCH WITH SAME MATERIAL, COLOR, AND TEXTURE TO MATCH ADJACENT EXISTING CONDITION. SEE PLUMBING DRAWINGS FOR ALL LOCATIONS.

A87 ALTERNATE #8. PROVIDE BULLET RESISTANT FILM ON ALL GLAZING THIS OPENING



1 A101A FIRST FLOOR PLAN - AREA A
1/8" = 1'-0"



KEY PLAN
NTS

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Expiration Date 12/31/2023

SHP
223 Fairfield Avenue, Ste 100
Bellevue, Kentucky 41073
859.360.1234
1086 North 4th Street, Ste 111
Columbus, Ohio 43201
614.423.7264
312 Plum Street, Ste 700
Cincinnati, Ohio 45202
513.381.2112

WINTON WOODS CITY SCHOOLS
EARLY CHILDHOOD RENOVATION
825 WAYCROSS ROAD, CINCINNATI, OH 45240

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FIRST FLOOR PLAN - AREA A

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614.423.2264
312 Plum Street, Ste 700
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825 WAYCROSS ROAD, CINCINNATI, OH 45240

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SIGNAGE LEGEND

SEE SHEET A000 FOR SIGNAGE SCHEDULE

WALL PAINT FINISH LEGEND

ROOM NUMBER → 101
PAINT FINISH → PT-1*
ASTERISK INDICATES ACCENT PAINT WITHIN ROOM - SEE PLAN FOR LOCATION

GENERAL NOTES - PAINTING

A. PAINT CONTRACTOR TO HAVE PRE-PAINT WALKTHROUGH WITH DESIGNER PRIOR TO PAINTING.
B. ROOMS WHERE THE PAINT FINISH IS LISTED AS "-" SHOULD NOT BE PAINTED.
C. DO NOT PAINT EXISTING BRICK UNLESS NOTED OTHERWISE.
D. SEE REFLECTED CEILING PLANS FOR CEILING, SOFFIT, AND STRUCTURE PAINT COLORS.
E. ALL INTERIOR, EXPOSED COLUMNS TO BE PAINTED PT-1 UNLESS NOTED OTHERWISE.
F. PAINT WINDOW JAMBS TO MATCH ADJACENT WALL COLOR - WRAP ACCENT PAINT.
G. PAINT RETURN AIR WALL GRILLES TO MATCH ADJACENT WALL COLOR.
H. PAINT TRANSITION SHALL ALWAYS OCCUR AT AN INSIDE CORNER UNLESS NOTED OTHERWISE.
I. HIGH PERFORMANCE COATING COLORS MATCH PT COLORS. PT-1 AND HPC-1 ARE THE SAME COLOR.
J. ALL EXISTING DOOR FRAMES AND EXISTING HOLLOW METAL DOORS TO BE PAINTED PT-2.

GENERAL NOTES - DISPLAY BOARDS

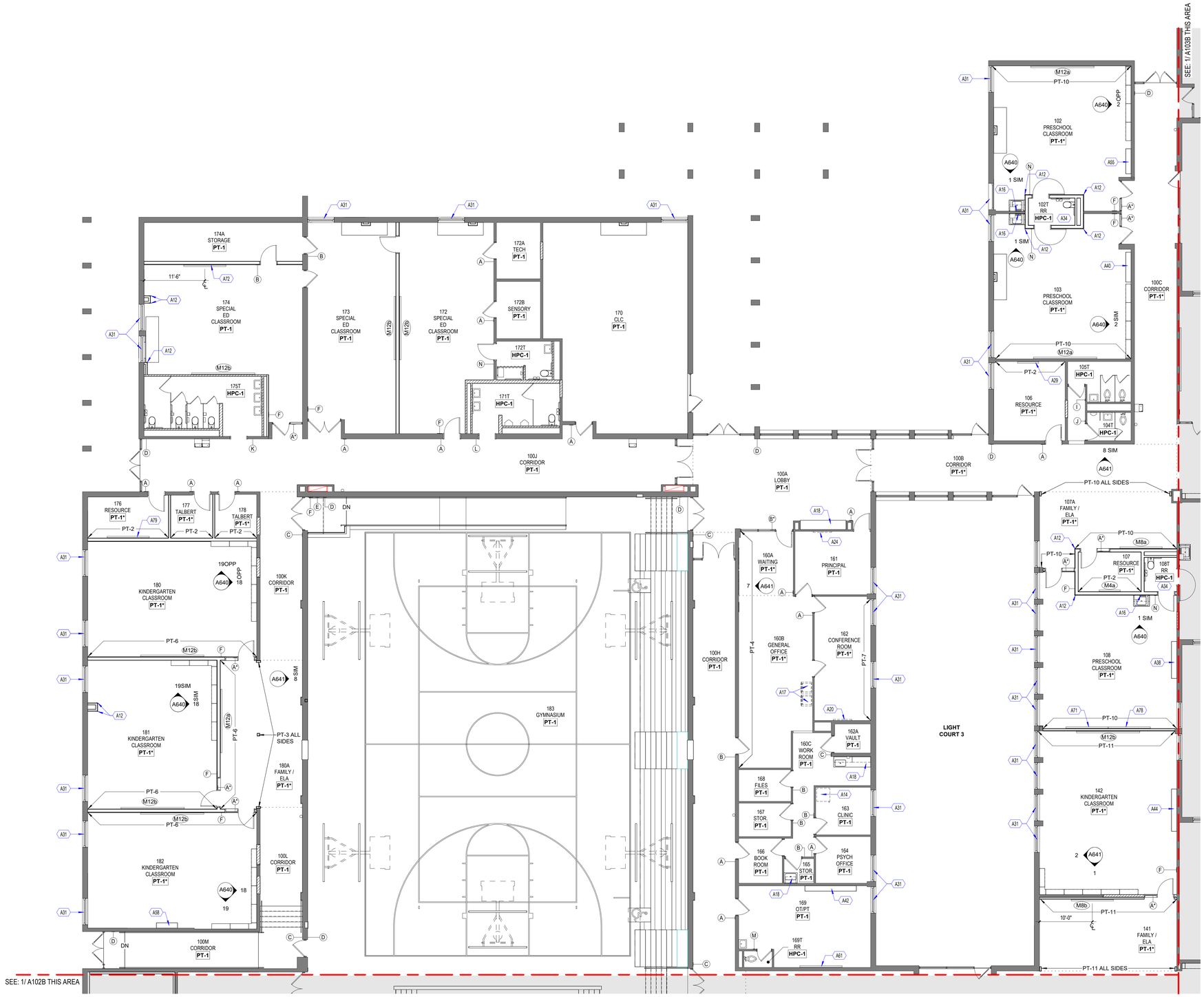
A. SEE PLANS FOR BOARD LOCATIONS/DIMENSIONS - IF A BOARD IS NOT DIMENSIONED IT SHOULD BE CENTERED ON THE WALL.
B. DO NOT INSTALL DISPLAY BOARDS IN PRIVATE OFFICES UNTIL AFTER FURNITURE INSTALLATION.

FINISH LISTING - PAINT

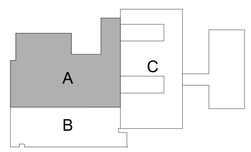
PT-1	TO MATCH SHERWIN WILLIAMS SNOWBOUND (SW7004)
PT-2	TO MATCH SHERWIN WILLIAMS TIN LIZZIE (SW9163)
PT-3	TO MATCH SHERWIN WILLIAMS GRIZZLE GRAY (SW7068)
PT-4	TO MATCH PPG PAINTS LEAP FROG (PPG1225-7)
PT-5	TO MATCH PPG PAINTS SUDDENLY SAPPHIRE (PPG1242-7)
PT-6	TO MATCH PPG PAINTS BE SPONTANEOUS (PPG1221-6)
PT-7	TO MATCH PPG PAINTS KING TRITON (PPG1242-5)
PT-8	TO MATCH PPG PAINTS OVERCAST (PPG1242-4)
PT-9	TO MATCH SHERWIN WILLIAMS OVERJOY (SW6689)
PT-10	TO MATCH SHERWIN WILLIAMS QUITE CORAL (SW6614)
PT-11	TO MATCH PPG PAINTS CROWNING GLORY (PPG17-07)
PT-12	TO MATCH PPG PAINTS FALL LEAF (PPG1197-6)

KEY NOTES - FLOOR PLANS

A12 4'-0" H CORNER GUARD - BOTTOM TO BE MOUNTED AT 4" AFF
A14 REFRIGERATOR WITH ICE MAKER - OWNER PROVIDED
A16 HIGH-IMPACT WALLCOVERING (WALL PROTECTION) FROM TOP OF BACKSPLASH TO BOTTOM OF WALL CABINET ABOVE (UNLESS SHOWN OTHERWISE IN ELEVATION) - WHEN SINK IS INSTALLED IN A CORNER WALLCOVERING TO RETURN ON ADJACENT WALL FULL DEPTH OF ENDSPLASH
A17 COPIER - OWNER PROVIDED
A18 EXISTING CASEWORK TO REMAIN
A20 WALL-MOUNTED MONITOR - SEE TECHNOLOGY AND ELECTRICAL DRAWINGS
A24 EXISTING WALL-MOUNTED MONITOR TO REMAIN
A29 EXISTING DISPLAY BOARD FROM SAME ROOM TO BE REINSTALLED IN SAME LOCATION AFTER PAINTING WORK IS COMPLETE
A31 ALTERNATE #5A: MANUAL ROLLER WINDOW SHADE
A34 WALL TILE TO BE INSTALLED ALL WALLS THIS ROOM - SEE DETAIL 9/A680. INSTALL OUTSIDE CORNER TRIM AT NECESSARY CORNERS
A38 EXISTING SHELVING UNIT ES-2B TO BE PAINTED AND REINSTALLED THIS WALL AFTER PAINTING WORK IN ROOM IS COMPLETE
A40 EXISTING SHELVING UNIT ES-4 TO BE PAINTED AND REINSTALLED THIS WALL AFTER PAINTING WORK IN ROOM IS COMPLETE
A42 EXISTING SHELVING UNITS FROM SAME ROOM TO BE REINSTALLED IN SAME LOCATION AFTER PAINTING WORK IS COMPLETE
A44 EXISTING SHELVING UNIT ES-6B TO BE PAINTED AND REINSTALLED THIS WALL AFTER PAINTING WORK IN ROOM IS COMPLETE
A55 EXISTING SHELVING UNIT ES-13B TO BE PAINTED AND REINSTALLED THIS WALL AFTER PAINTING WORK IN ROOM IS COMPLETE
A58 EXISTING SHELVING UNIT ES-15 TO BE PAINTED AND REINSTALLED THIS WALL AFTER PAINTING WORK IN ROOM IS COMPLETE
A61 EXISTING DISPLAY BOARD (EM-2) TO BE REINSTALLED THIS WALL AFTER PAINTING WORK IS COMPLETE
A71 EXISTING DISPLAY BOARD (EM-11) TO BE REINSTALLED THIS WALL AFTER PAINTING WORK IS COMPLETE
A72 EXISTING DISPLAY BOARD (EM-12) TO BE REINSTALLED THIS WALL AFTER PAINTING WORK IS COMPLETE
A78 EXISTING DISPLAY BOARD (EM-16) TO BE REINSTALLED THIS WALL AFTER PAINTING WORK IS COMPLETE
A79 EXISTING DISPLAY BOARD (EM-17) TO BE REINSTALLED THIS WALL AFTER PAINTING WORK IS COMPLETE



1 / A101B — FIRST FLOOR PLAN INTERIOR - AREA A
1/8" = 1'-0"



KEY PLAN
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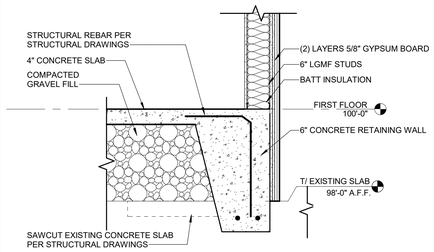
FIRST FLOOR PLAN INTERIOR - AREA A

DATE 4/28/23
COMM NO. 2021091.02

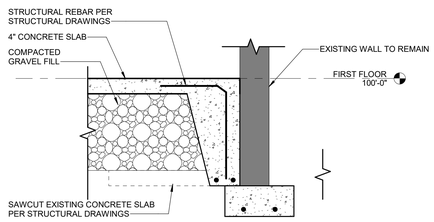
A101B

"2-1" REFERENCE LINE

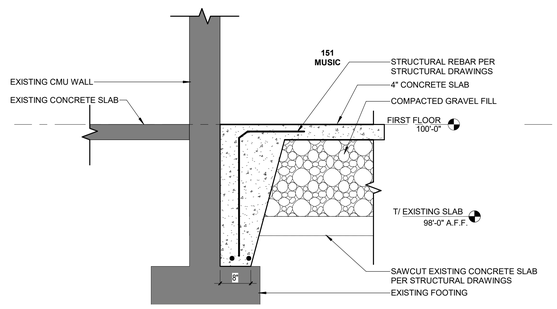
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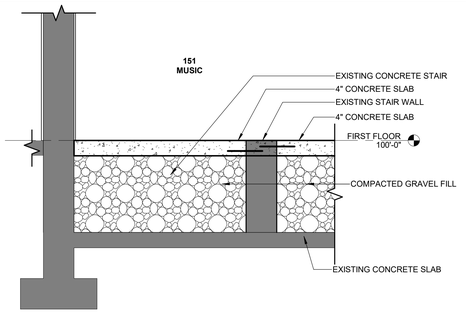
2 A102A MUSIC ROOM EAST WALL SECTION
3/4" = 1'-0"



3 A102A SECTION
3/4" = 1'-0"



4 A102A MUSIC ROOM NORTH WALL SECTION
3/4" = 1'-0"



5 A102A MUSIC ROOM WEST WALL
3/4" = 1'-0"

GENERAL NOTES - FLOOR PLAN

A. ALL DIMENSIONS ARE TO FACE OF MASONRY, FACE OF STUD, OR FACE OF EXISTING FINISH UNLESS NOTED OTHERWISE.
B. FIRESTOP ALL PENETRATIONS THRU NEW AND EXISTING CORRIDOR WALLS
C. WHERE EXISTING WINDOWS ARE INDICATED TO BE REMOVED AND REPLACED, WIRE BRUSH LOOSE PAINT AND RUST FROM STEEL LINTELS, PRIME, AND PAINT
D. EVALUATE EXISTING ROOF DECK AND IN AREAS OF DISREPAIR, PATCH ROOF DECK AS PART OF ALLOWANCE #1
E. AT EXISTING SURFACES, REMOVE CAULK BETWEEN JOINTS OF SIMILAR AND DISSIMILAR MATERIALS AND RECAULK PROIR TO PAINTING

KEY NOTES - FLOOR PLANS

A23 TOOTH IN MASONRY WITH SAME MATERIAL, COLOR, AND TEXTURE. ALIGN WITH EXISTING ADJACENT FINISHES.
A26 OPENING TO RECEIVE VINYL CUT NUMBER. SEE DETAIL ON SHEET A000 FOR MORE INFORMATION
A82 ALIGN STUD WALL WITH EXISTING CMU WALL. (2) LAYERS GYPSUM BOARD TO EXTEND TO EXTERIOR WALL ATTACHED TO FACE OF CMU
A85 EXTEND RAMP CURB, MATCH EXISTING RAMP CURB IN MATERIAL, TEXTURE, AND COLOR
A86 TOOTH IN MASONRY WALLS AND PATCH FLOORS WHERE UNDERGROUND PLUMBING WORK HAS OCCURED, MATCH WITH SAME MATERIAL, COLOR, AND TEXTURE TO MATCH ADJACENT EXISTING CONDITION. SEE PLUMBING DRAWINGS FOR ALL LOCATIONS.

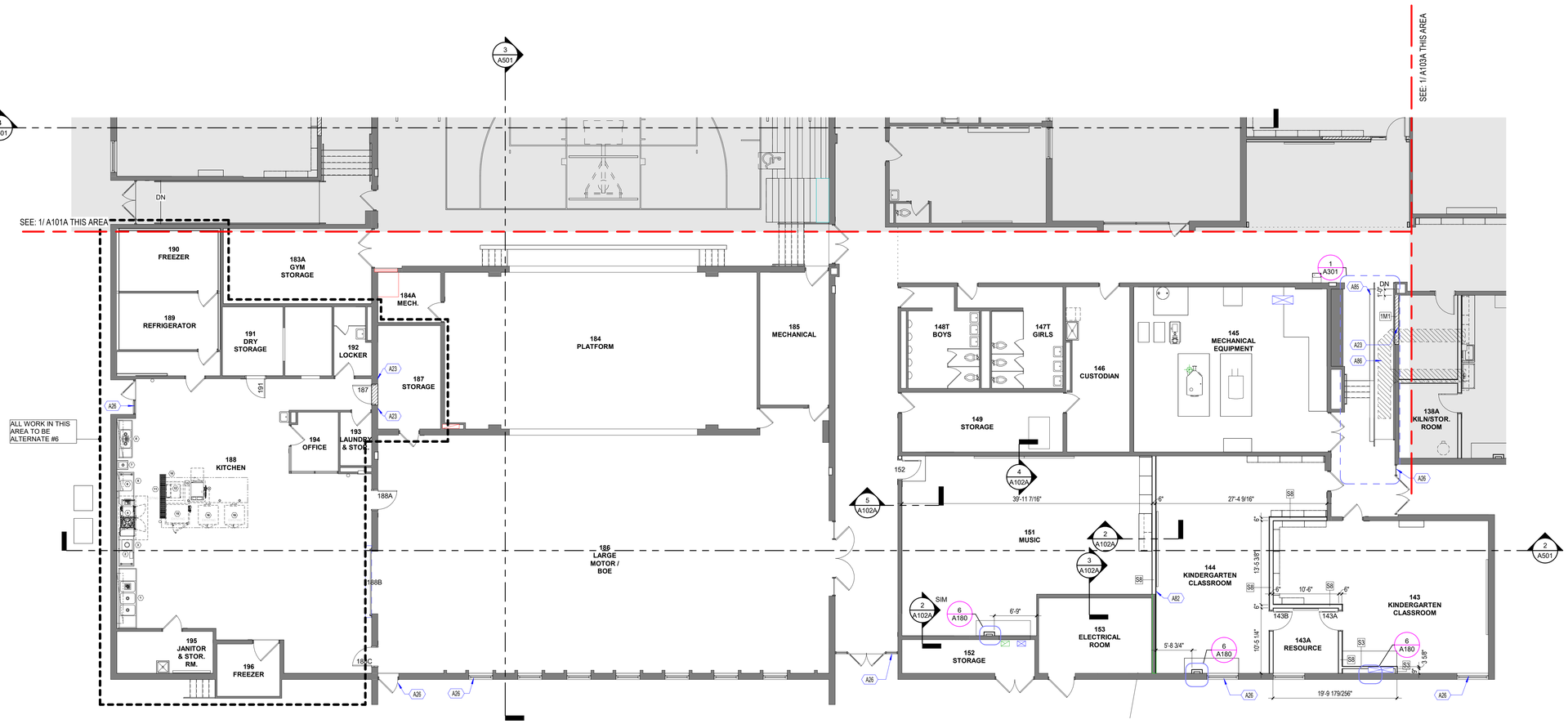
FLOOR PLAN LEGEND

- NO WORK THIS AREA
- EXISTING WALL/PARTITION TO REMAIN
- NEW WALL/PARTITION
- EXISTING DOOR AND FRAME TO REMAIN
- NEW DOOR

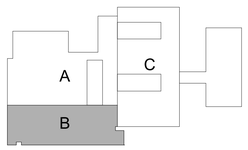
PARTITION WALL LEGEND

PARTITION TAG. LOCATION OF TAG DELINEATES THE SIDE WITH MULTIPLE LAYERS OF GYP. (WHERE APPLICABLE) — S1

*PLEASE SEE SHEET A040 FOR STANDARD PARTITION TYPES



1 A102A FIRST FLOOR PLAN - AREA B
1/8" = 1'-0"



KEY PLAN
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REGISTERED ARCHITECT
EMMA K. PEVOAR, Lic# 2118434
Expiration Date 12/31/2023

SHP
223 Fairfield Avenue, Ste 100
Bellevue, Kentucky 41073
859.360.1234
1086 North 4th Street, Ste 111
Columbus, Ohio 43201
614.423.2264
312 Plum Street, Ste 700
Cincinnati, Ohio 45202
513.381.2112

WINTON WOODS CITY SCHOOLS
EARLY CHILDOOD RENOVATION
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FIRST FLOOR PLAN - AREA B

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0'-1" REFERENCE LINE

SIGNAGE LEGEND

SEE SHEET A000 FOR SIGNAGE SCHEDULE

WALL PAINT FINISH LEGEND

ROOM NUMBER — 101
PAINT FINISH — PT-1*
ASTERISK INDICATES ACCENT PAINT WITHIN ROOM - SEE PLAN FOR LOCATION

GENERAL NOTES - PAINTING

A. PAINT CONTRACTOR TO HAVE PRE-PAINT WALKTHROUGH WITH DESIGNER PRIOR TO PAINTING.
B. ROOMS WHERE THE PAINT FINISH IS LISTED AS "--" SHOULD NOT BE PAINTED.
C. DO NOT PAINT EXISTING BRICK UNLESS NOTED OTHERWISE.
D. SEE REFLECTED CEILING PLANS FOR CEILING, SOFFIT, AND STRUCTURE PAINT COLORS.
E. ALL INTERIOR, EXPOSED COLUMNS TO BE PAINTED PT-1 UNLESS NOTED OTHERWISE.
F. PAINT WINDOW JAMBS TO MATCH ADJACENT WALL COLOR - WRAP ACCENT PAINT.
G. PAINT RETURN AIR WALL GRILLES TO MATCH ADJACENT WALL COLOR.
H. PAINT TRANSITION SHALL ALWAYS OCCUR AT AN INSIDE CORNER UNLESS NOTED OTHERWISE.
I. HIGH PERFORMANCE COATING COLORS MATCH PT COLORS. PT-1 AND HPC-1 ARE THE SAME COLOR.
J. ALL EXISTING DOOR FRAMES AND EXISTING HOLLOW METAL DOORS TO BE PAINTED PT-2.

GENERAL NOTES - DISPLAY BOARDS

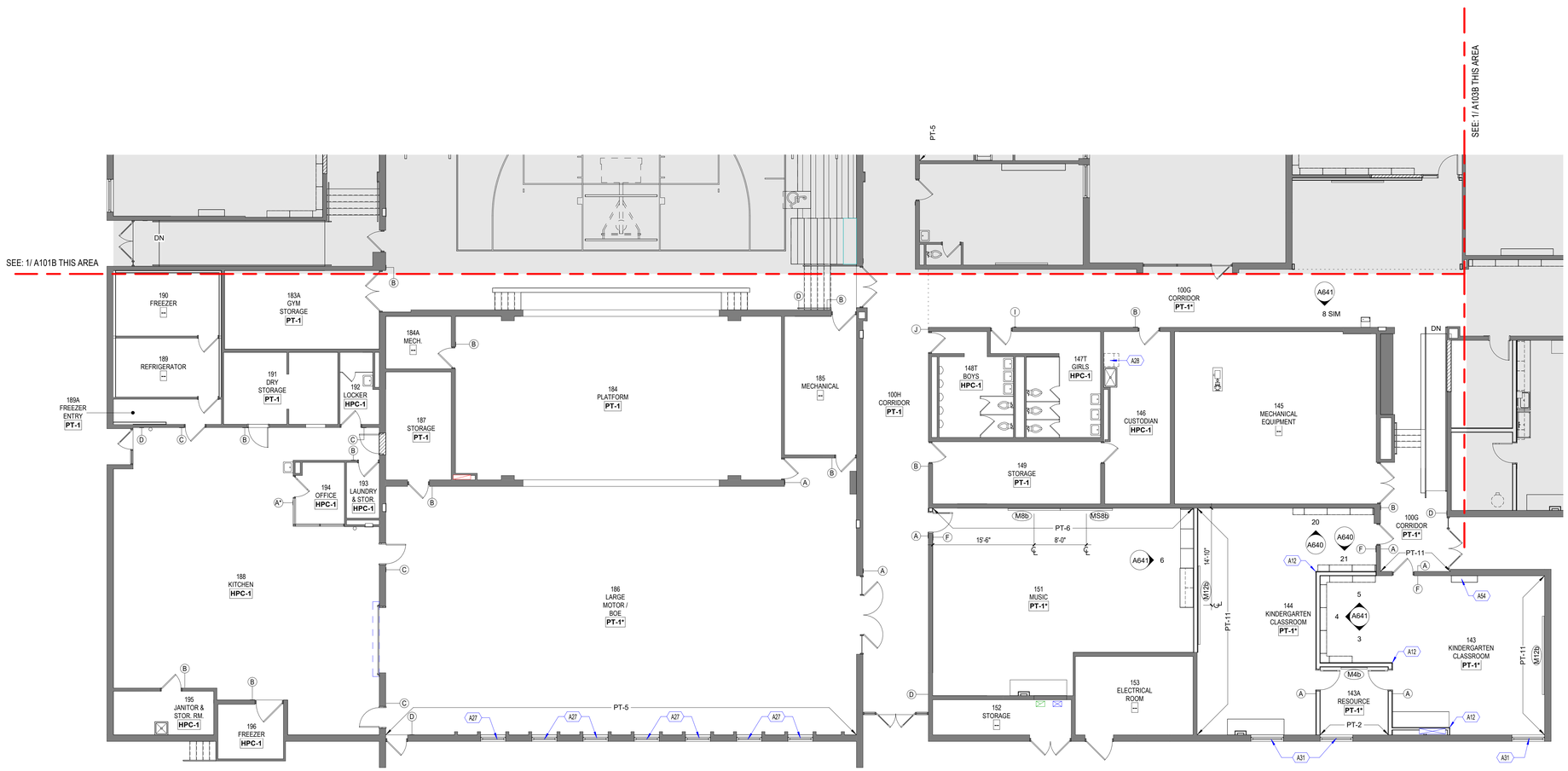
A. SEE PLANS FOR BOARD LOCATIONS/DIMENSIONS - IF A BOARD IS NOT DIMENSIONED IT SHOULD BE CENTERED ON THE WALL.
B. DO NOT INSTALL DISPLAY BOARDS IN PRIVATE OFFICES UNTIL AFTER FURNITURE INSTALLATION.

FINISH LISTING - PAINT

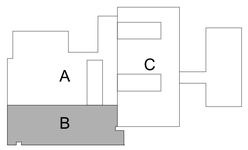
PT-1	TO MATCH SHERWIN WILLIAMS SNOWBOUND (SW7004)
PT-2	TO MATCH SHERWIN WILLIAMS TIN LIZZIE (SW9163)
PT-3	TO MATCH SHERWIN WILLIAMS GRIZZLE GRAY (SW7068)
PT-4	TO MATCH PPG PAINTS LEAP FROG (PPG1225-7)
PT-5	TO MATCH PPG PAINTS SUDDENLY SAPPHIRE (PPG1242-7)
PT-6	TO MATCH PPG PAINTS BE SPONTANEOUS (PPG1221-6)
PT-7	TO MATCH PPG PAINTS KING TRITON (PPG1242-5)
PT-8	TO MATCH PPG PAINTS OVERCAST (PPG1242-4)
PT-9	TO MATCH SHERWIN WILLIAMS OVERJOY (SW6989)
PT-10	TO MATCH SHERWIN WILLIAMS QUITE CORAL (SW6614)
PT-11	TO MATCH PPG PAINTS CROWNING GLORY (PPG17-07)
PT-12	TO MATCH PPG PAINTS FALL LEAF (PPG1197-6)

KEY NOTES - FLOOR PLANS

A12 4'-0" H CORNER GUARD - BOTTOM TO BE MOUNTED AT 4" AFF
A27 ALTERNATE #5B: MOTORIZED ROLLER WINDOW SHADE - SEE ELECTRICAL DRAWINGS
A28 STACKED WASHER/DRYER - OWNER PROVIDED
A31 ALTERNATE #5A: MANUAL ROLLER WINDOW SHADE
A54 EXISTING SHELVING UNIT ES-13A TO BE PAINTED AND REINSTALLED THIS WALL AFTER PAINTING WORK IN ROOM IS COMPLETE



1 / A102B FIRST FLOOR PLAN INTERIOR - AREA B
1/8" = 1'-0"



KEY PLAN
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"0'-1" REFERENCE LINE"

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SHP
223 Fairfield Avenue, Ste 100
Bellevue, Kentucky 41073
859.360.1234
1086 North 4th Street, Ste 111
Columbus, Ohio 43201
614.423.2324
312 Plum Street, Ste 700
Cincinnati, Ohio 45202
513.381.2112

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EARLY CHILDHOOD RENOVATION
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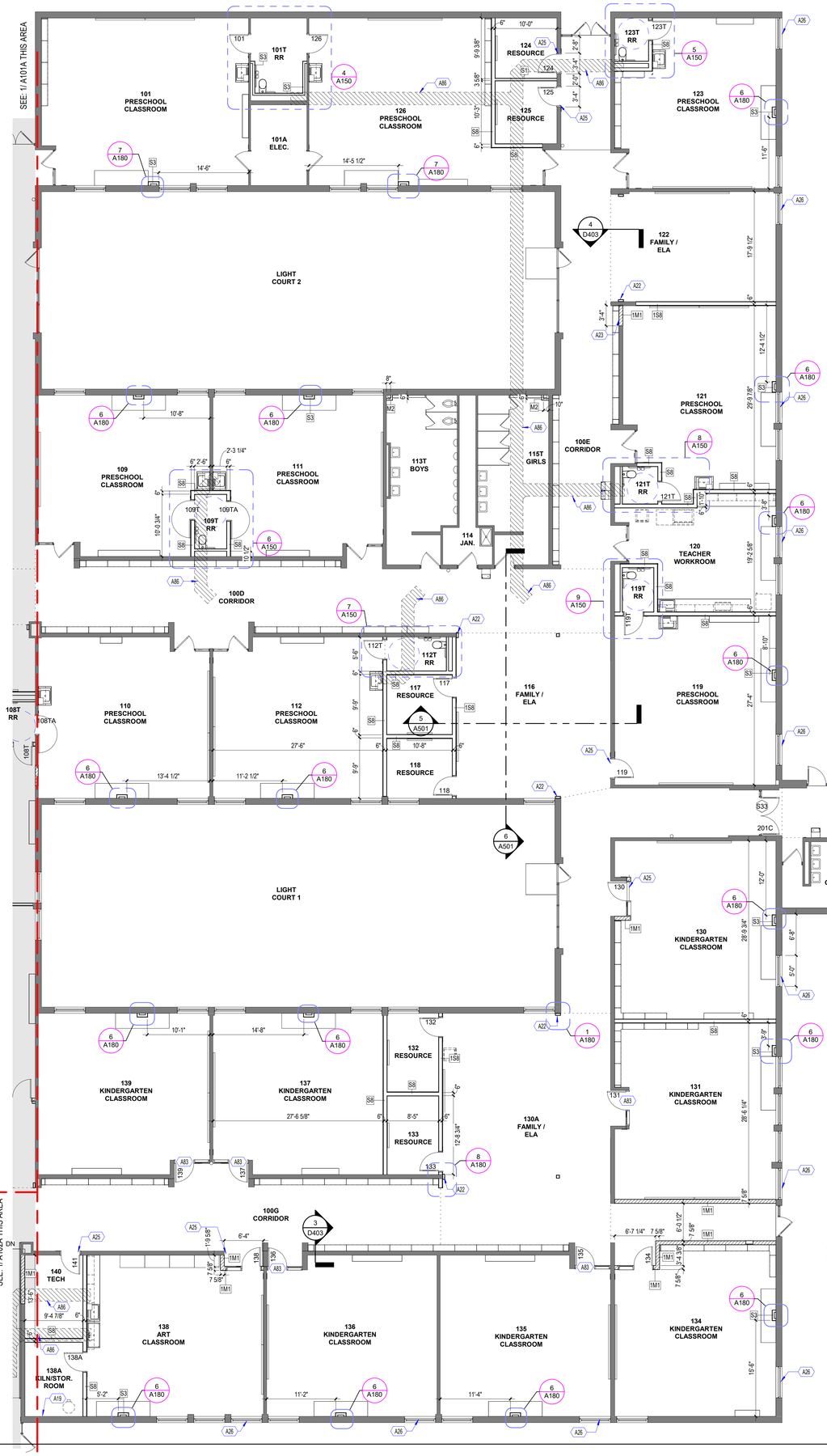
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1 A103A FIRST FLOOR PLAN - AREA C
1/8" = 1'-0"

PARTITION WALL LEGEND

PARTITION TAG. LOCATION OF TAG DELINEATES THE SIDE WITH MULTIPLE LAYERS OF GYP. (WHERE APPLICABLE) — S1

*PLEASE SEE SHEET A040 FOR STANDARD PARTITION TYPES

FLOOR PLAN LEGEND

- NO WORK THIS AREA
- EXISTING WALL/PARTITION TO REMAIN
- NEW WALL/PARTITION
- EXISTING DOOR AND FRAME TO REMAIN
- NEW DOOR

GENERAL NOTES - FLOOR PLAN

A. ALL DIMENSIONS ARE TO FACE OF MASONRY, FACE OF STUD, OR FACE OF EXISTING FINISH UNLESS NOTED OTHERWISE.

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C. WHERE EXISTING WINDOWS ARE INDICATED TO BE REMOVED AND REPLACED, WIRE BRUSH LOOSE PAINT AND RUST FROM STEEL LINTELS, PRIME, AND PAINT

D. EVALUATE EXISTING ROOF DECK AND IN AREAS OF DISREPAIR, PATCH ROOF DECK AS PART OF ALLOWANCE #1

E. AT EXISTING SURFACES, REMOVE CAULK BETWEEN JOINTS OF SIMILAR AND DISSIMILAR MATERIALS AND RECAULK PROIR TO PAINTING

KEY NOTES - FLOOR PLANS

A19 LOCATE AND REINSTALL EXISTING KILN.

A22 LOCATION OF SQUEEZE CHANNEL. TOOTH IN MASONRY WITH SAME MATERIAL, COLOR, AND TEXTURE TO MATCH ADJACENT EXISTING CONDITION. SEE STRUCTURAL DRAWINGS FOR MORE INFORMATION.

A23 TOOTH IN MASONRY WITH SAME MATERIAL, COLOR, AND TEXTURE. ALIGN WITH EXISTING ADJACENT FINISHES.

A25 NEW OPENING AND LINTEL. SEE STRUCTURAL DRAWINGS FOR LINTEL INFORMATION

A26 OPENING TO RECEIVE VINYL CUT NUMBER. SEE DETAIL ON SHEET A000 FOR MORE INFORMATION

A83 ALTERNATE #1. REPLACE EXISTING DOOR AND HARDWARE. DOOR FRAME TO REMAIN

A86 TOOTH IN MASONRY WALLS AND PATCH FLOORS WHERE UNDERGROUND PLUMBING WORK HAS OCCURED, MATCH WITH SAME MATERIAL, COLOR, AND TEXTURE TO MATCH ADJACENT EXISTING CONDITION. SEE PLUMBING DRAWINGS FOR ALL LOCATIONS.

KEY PLAN
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2118434
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223 Fairfield Avenue, Ste 100
Bellevue, Kentucky 41073
859.360.1234
1086 North 4th Street, Ste 111
Columbus, Ohio 43201
614.423.2124
312 Plum Street, Ste 700
Cincinnati, Ohio 45202
513.381.2112

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EARLY CHILDHOOD RENOVATION
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FIRST FLOOR PLAN - AREA C

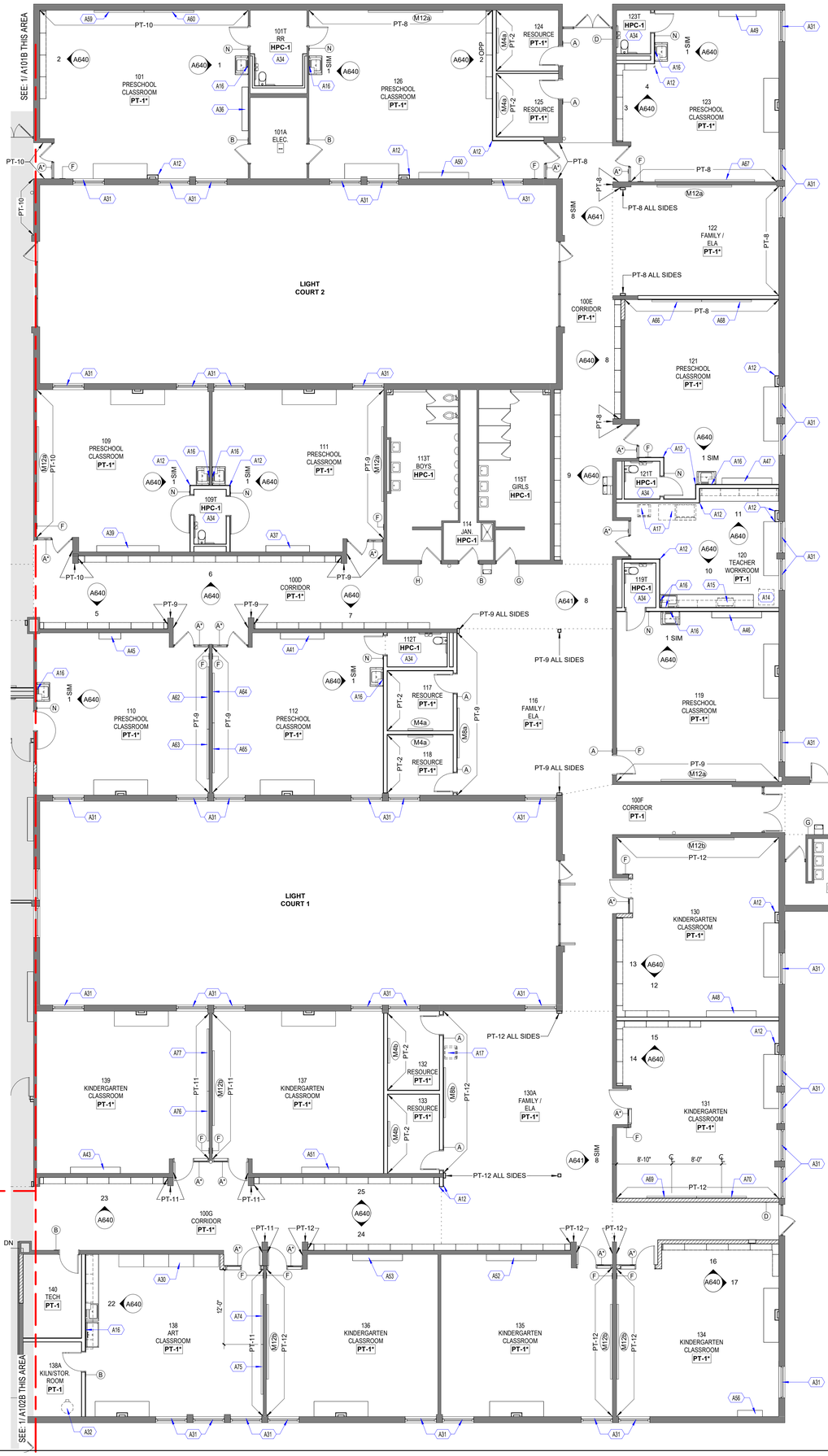
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FINISH LISTING - PAINT

PT-1	TO MATCH SHERWIN WILLIAMS SNOWBOUND (SW7004)
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PT-7	TO MATCH PPG PAINTS KING TRITON (PPG1242-5)
PT-8	TO MATCH PPG PAINTS OVERCAST (PPG1242-4)
PT-9	TO MATCH SHERWIN WILLIAMS OVERJOY (SW6689)
PT-10	TO MATCH SHERWIN WILLIAMS QUITE CORAL (SW6614)
PT-11	TO MATCH PPG PAINTS CROWNING GLORY (PPG17-07)
PT-12	TO MATCH PPG PAINTS FALL LEAF (PPG1197-6)

SIGNAGE LEGEND

SEE SHEET A000 FOR SIGNAGE SCHEDULE

WALL PAINT FINISH LEGEND

ROOM NUMBER — 101
PAINT FINISH — PT-1*
ASTERISK INDICATES ACCENT PAINT WITHIN ROOM - SEE PLAN FOR LOCATION

GENERAL NOTES - PAINTING

A. PAINT CONTRACTOR TO HAVE PRE-PAINT WALKTHROUGH WITH DESIGNER PRIOR TO PAINTING.
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J. ALL EXISTING DOOR FRAMES AND EXISTING HOLLOW METAL DOORS TO BE PAINTED PT-2.

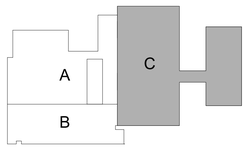
GENERAL NOTES - DISPLAY BOARDS

A. SEE PLANS FOR BOARD LOCATIONS/DIMENSIONS - IF A BOARD IS NOT DIMENSIONED IT SHOULD BE CENTERED ON THE WALL.
B. DO NOT INSTALL DISPLAY BOARDS IN PRIVATE OFFICES UNTIL AFTER FURNITURE INSTALLATION.

KEY NOTES - FLOOR PLANS

A12 4'-0" H CORNER GUARD - BOTTOM TO BE MOUNTED AT 4" AFF
A14 REFRIGERATOR WITH ICE MAKER - OWNER PROVIDED
A15 MICROWAVE - OWNER PROVIDED
A16 HIGH-IMPACT WALLCOVERING (WALL PROTECTION) FROM TOP OF BACKSPLASH TO BOTTOM OF WALL CABINET ABOVE (UNLESS SHOWN OTHERWISE IN ELEVATION) - WHEN SINK IS INSTALLED IN A CORNER WALLCOVERING TO RETURN ON ADJACENT WALL FULL DEPTH OF ENDSPLASH
A17 COPIER - OWNER PROVIDED
A30 EXISTING CASEWORK RELOCATED IN ROOM
A31 ALTERNATE #5A: MANUAL ROLLER WINDOW SHADE
A32 EXISTING KILN TO REMAIN
A34 WALL TILE TO BE INSTALLED ALL WALLS THIS ROOM - SEE DETAIL 9/A680. INSTALL OUTSIDE CORNER TRIM AT NECESSARY CORNERS
A36 EXISTING SHELVING UNIT ES-1 TO BE PAINTED AND REINSTALLED THIS WALL AFTER PAINTING WORK IN ROOM IS COMPLETE
A37 EXISTING SHELVING UNIT ES-2A TO BE PAINTED AND REINSTALLED THIS WALL AFTER PAINTING WORK IN ROOM IS COMPLETE
A39 EXISTING SHELVING UNIT ES-3 TO BE PAINTED AND REINSTALLED THIS WALL AFTER PAINTING WORK IN ROOM IS COMPLETE
A41 EXISTING SHELVING UNITS ES-5A AND ES-5B TO BE COMBINED, PAINTED AND REINSTALLED THIS WALL AFTER PAINTING WORK IN ROOM IS COMPLETE
A43 EXISTING SHELVING UNIT ES-6A TO BE PAINTED AND REINSTALLED THIS WALL AFTER PAINTING WORK IN ROOM IS COMPLETE
A45 EXISTING SHELVING UNIT ES-6C TO BE PAINTED AND REINSTALLED THIS WALL AFTER PAINTING WORK IN ROOM IS COMPLETE
A46 EXISTING SHELVING UNIT ES-7 TO BE PAINTED AND REINSTALLED THIS WALL AFTER PAINTING WORK IN ROOM IS COMPLETE
A47 EXISTING SHELVING UNIT ES-8A TO BE PAINTED AND REINSTALLED THIS WALL AFTER PAINTING WORK IN ROOM IS COMPLETE
A48 EXISTING SHELVING UNIT ES-8B TO BE PAINTED AND REINSTALLED THIS WALL AFTER PAINTING WORK IN ROOM IS COMPLETE
A49 EXISTING SHELVING UNIT ES-9 TO BE PAINTED AND REINSTALLED THIS WALL AFTER PAINTING WORK IN ROOM IS COMPLETE
A50 EXISTING SHELVING UNIT ES-10 TO BE PAINTED AND REINSTALLED THIS WALL AFTER PAINTING WORK IN ROOM IS COMPLETE
A51 EXISTING SHELVING UNIT ES-11 TO BE PAINTED AND REINSTALLED THIS WALL AFTER PAINTING WORK IN ROOM IS COMPLETE
A52 EXISTING SHELVING UNIT ES-12A TO BE PAINTED AND REINSTALLED THIS WALL AFTER PAINTING WORK IN ROOM IS COMPLETE
A53 EXISTING SHELVING UNIT ES-12B TO BE PAINTED AND REINSTALLED THIS WALL AFTER PAINTING WORK IN ROOM IS COMPLETE
A56 EXISTING DISPLAY BOARD ES-13C TO BE PAINTED AND REINSTALLED THIS WALL AFTER PAINTING WORK IN ROOM IS COMPLETE
A59 EXISTING DISPLAY BOARD (EM-1A) TO BE REINSTALLED THIS WALL AFTER PAINTING WORK IS COMPLETE
A60 EXISTING DISPLAY BOARD (EM-1B) TO BE REINSTALLED THIS WALL AFTER PAINTING WORK IS COMPLETE
A62 EXISTING DISPLAY BOARD (EM-3A) TO BE REINSTALLED THIS WALL AFTER PAINTING WORK IS COMPLETE
A63 EXISTING DISPLAY BOARD (EM-3B) TO BE REINSTALLED THIS WALL AFTER PAINTING WORK IS COMPLETE
A64 EXISTING DISPLAY BOARD (EM-4) TO BE REINSTALLED THIS WALL AFTER PAINTING WORK IS COMPLETE
A65 EXISTING DISPLAY BOARD (EM-5) TO BE REINSTALLED THIS WALL AFTER PAINTING WORK IS COMPLETE
A66 EXISTING DISPLAY BOARD (EM-6) TO BE REINSTALLED THIS WALL AFTER PAINTING WORK IS COMPLETE
A67 EXISTING DISPLAY BOARD (EM-7) TO BE REINSTALLED THIS WALL AFTER PAINTING WORK IS COMPLETE
A68 EXISTING DISPLAY BOARD (EM-8) TO BE REINSTALLED THIS WALL AFTER PAINTING WORK IS COMPLETE
A69 EXISTING DISPLAY BOARD (EM-9) TO BE REINSTALLED THIS WALL AFTER PAINTING WORK IS COMPLETE
A70 EXISTING DISPLAY BOARD (EM-10) TO BE REINSTALLED THIS WALL AFTER PAINTING WORK IS COMPLETE
A74 EXISTING DISPLAY BOARD (EM-14A) TO BE REINSTALLED THIS WALL AFTER PAINTING WORK IS COMPLETE
A75 EXISTING DISPLAY BOARD (EM-15A) TO BE REINSTALLED THIS WALL AFTER PAINTING WORK IS COMPLETE
A76 EXISTING DISPLAY BOARD (EM-15B) TO BE REINSTALLED THIS WALL AFTER PAINTING WORK IS COMPLETE
A77 EXISTING DISPLAY BOARD (EM-15B) TO BE REINSTALLED THIS WALL AFTER PAINTING WORK IS COMPLETE

N 1 A103B FIRST FLOOR PLAN INTERIOR - AREA C
1/8" = 1'-0"



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223 Fairfield Avenue, Ste 100
Bellevue, Kentucky 41073
859.360.1234
1086 North 4th Street, Ste 111
Columbus, Ohio 43201
614.423.7264
312 Plum Street, Ste 700
Cincinnati, Ohio 45202
513.381.2112

WINTON WOODS CITY SCHOOLS
EARLY CHILDHOOD RENOVATION
825 WAYCROSS ROAD, CINCINNATI, OH 45240

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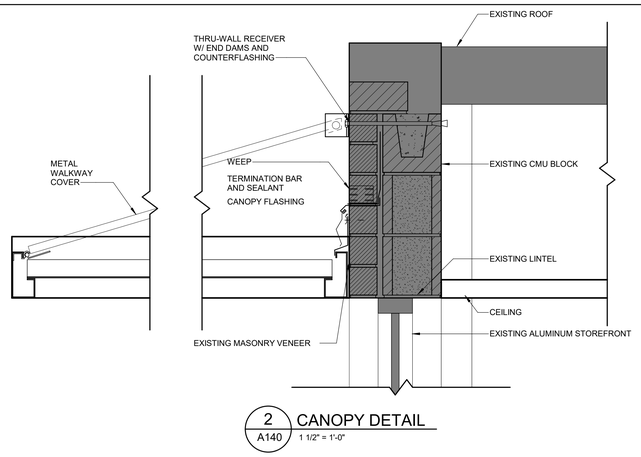
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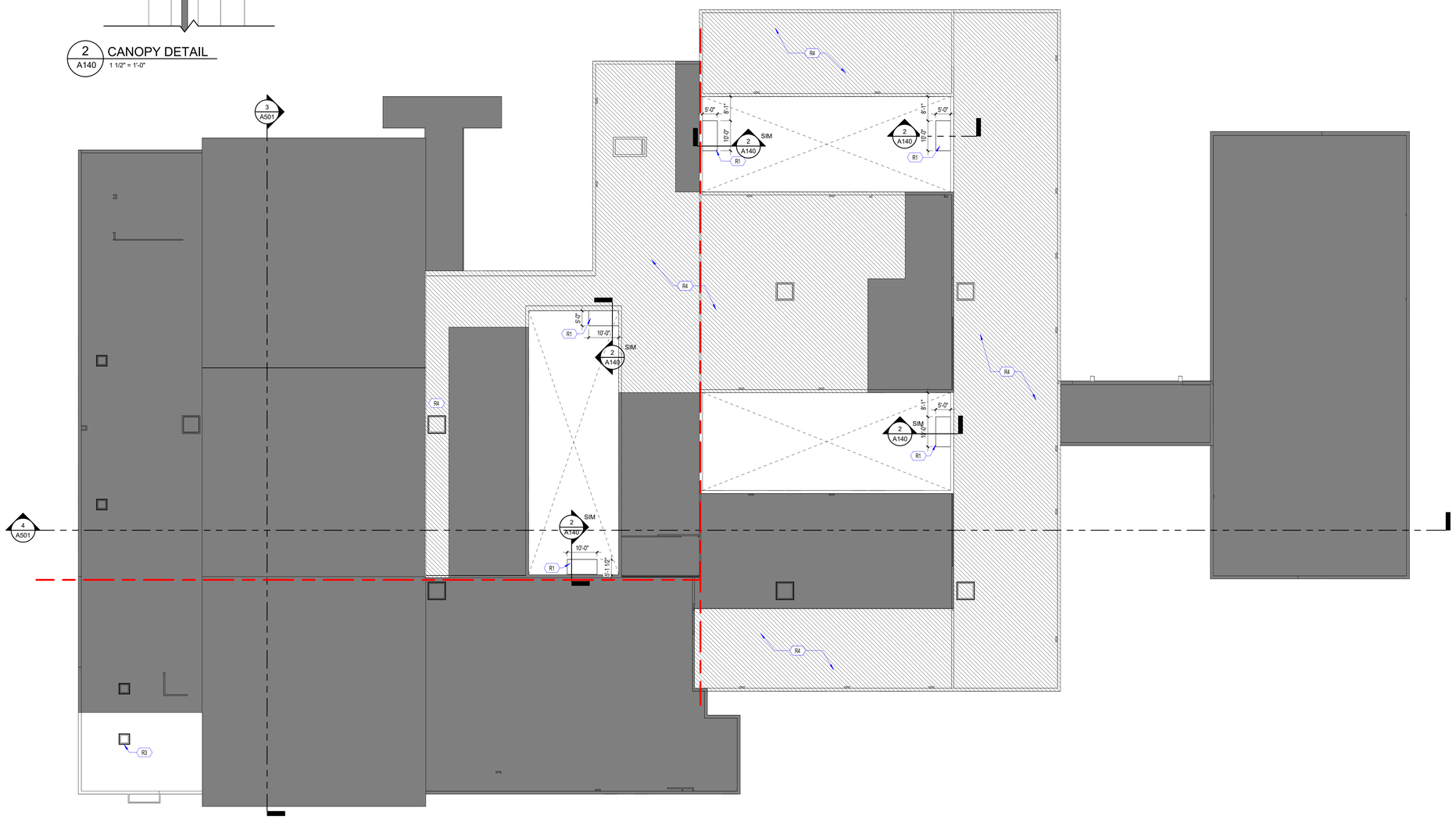
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0.1" REFERENCE LINE



2 / A140 CANOPY DETAIL
1 1/2" = 1'-0"



1 / A140 ROOF PLAN
1/16" = 1'-0"

ROOF PLAN LEGEND

- NO WORK THIS AREA
- EXISTING WALL/PARTITION TO REMAIN

GENERAL NOTES - ROOF PLAN

A. ROOF PLAN DOES NOT SHOW ALL MECHANICAL / ELECTRICAL ROOFTOP EQUIPMENT AND PENETRATIONS, SUCH AS PLUMBING VENTS. SEE RESPECTIVE DRAWINGS FOR SUCH EQUIPMENT AND PENETRATIONS.

B. PROVIDE TAPERED INSULATION CRICKETS ON THE HIGH SIDE OF ALL ROOFTOP MOUNTED EQUIPMENT.

KEY NOTES - ROOF FLOOR PLANS

R1 ALTERNATE #2B. BUILDING SUPPORTED ARCHITECTURAL ALUMINUM CANOPY

R3 ALLOWANCE FOR INVESTIGATION AND REPAIR OF LEAKING SKYLIGHT AND SURROUNDING AREA

R4 ALLOWANCE #1 FOR ROOF DECK PATCHING AND REPAIR OF RUSTED ROOF DECK

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223 Fairfield Avenue, Ste 100
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EARLY CHILDHOOD RENOVATION
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ROOF PLAN

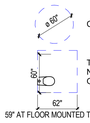
DATE 4/28/23

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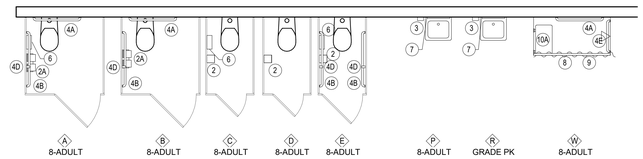
A140

0'-1" REFERENCE LINE

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TOILET CLEARANCE LEGEND



TOILET AND BATH ACCESSORY TYPES

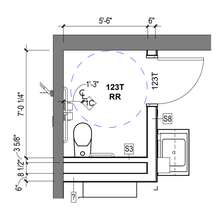
GENERAL NOTES - ENLARGED TOILET ROOM PLANS

A. ALL TOILET FIXTURES AND ACCESSORY DIMENSIONS ARE TO FINISHED FACE OF WALL UNLESS NOTED OTHERWISE.

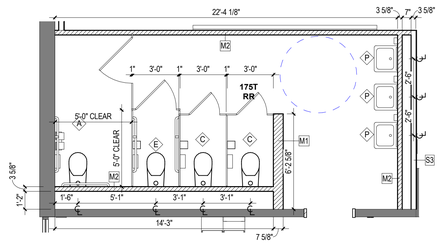
B. DIMENSIONS TO FIXTURES ARE TO THE CENTERLINE UNLESS NOTED OTHERWISE.

TOILET AND BATH ACCESSORY SCHEDULE

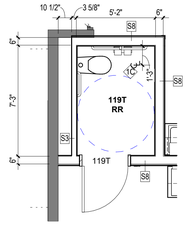
TBA	DESCRIPTION	SIZE/COMMENTS
	FOLDING UTILITY SHELF	
1	PAPER TOWEL DISPENSER	LARGE COUNT
2	TOILET TISSUE DISPENSER	
2A	TOILET TISSUE DISPENSER	ADA
3	SOAP DISPENSER	
4A	GRAB BAR	36in
4B	GRAB BAR	42in
4D	GRAB BAR	18in
4E	GRAB BAR	24in
6	SANITARY NAPKIN DISPOSAL	
7	MIRROR UNIT	18" x 36"
8	SHOWER ROD	
9	SHOWER CURTAIN	
10A	FOLDING SHOWER SEAT	ROLL-IN SHOWER



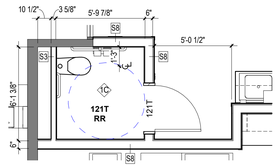
5 A150 ENLARGED TOILET ROOM 111R
1/4" = 1'-0"



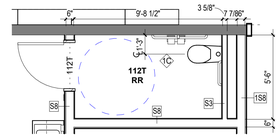
11 A150 ENLARGED TOILET ROOM 197D
1/4" = 1'-0"



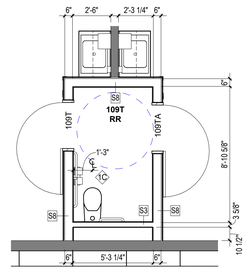
9 A150 ENLARGED TOILET ROOM 109R
1/4" = 1'-0"



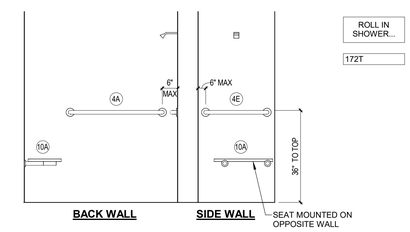
8 A150 ENLARGED TOILET ROOM 100BR
1/4" = 1'-0"



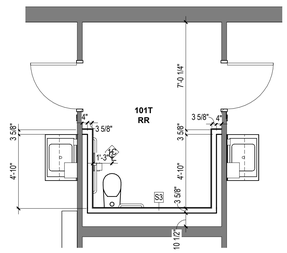
7 A150 ENLARGED TOILET ROOM 107R
1/4" = 1'-0"



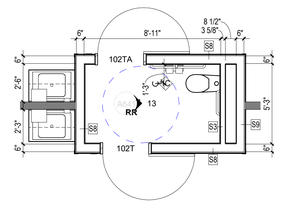
6 A150 ENLARGED TOILET ROOM 104R
1/4" = 1'-0"



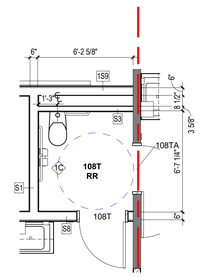
MOUNTING HEIGHTS 8-ADULT - ROLL-IN SHOWER
1/2" = 1'-0"



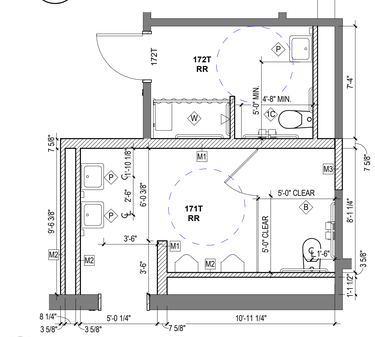
4 A150 ENLARGED TOILET ROOM 101R
1/4" = 1'-0"



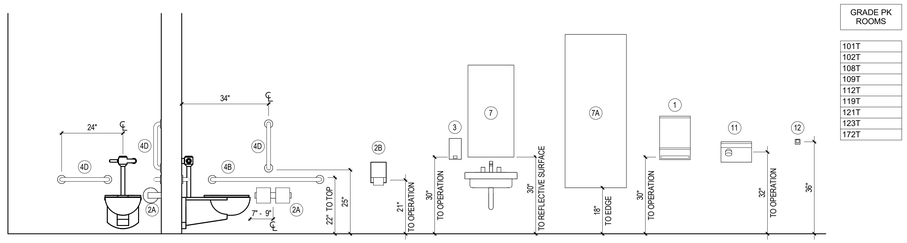
3 A150 ENLARGED TOILET ROOM 102R
1/4" = 1'-0"



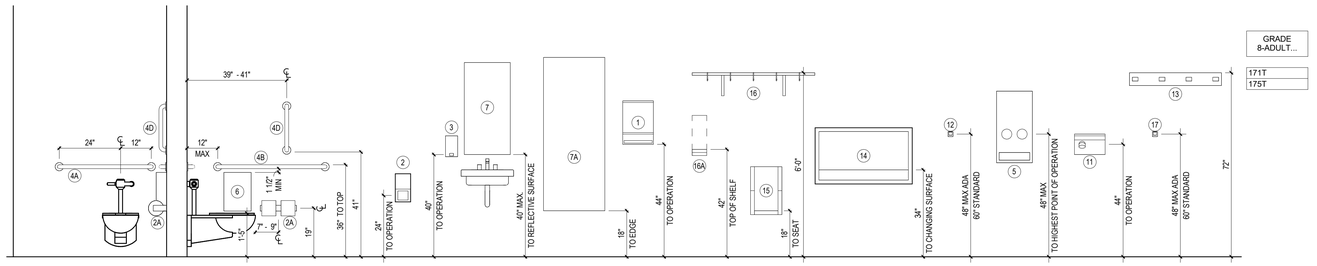
2 A150 ENLARGED TOILET ROOM 126R
1/4" = 1'-0"



1 A150 ENLARGED TOILET ROOM 160B & 160C
1/4" = 1'-0"



MOUNTING HEIGHTS - GRADE PRE-K



MOUNTING HEIGHTS - GRADE 8 THROUGH ADULT

0'-1" REFERENCE LINE

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EMMA K. PEVOAR
2118434
REGISTERED ARCHITECT
EMMA K. PEVOAR, Lic# 2118434
Expiration Date 12/31/2023

SHP
223 Fairfield Avenue, Ste 100
Bellevue, Kentucky 41073
859.360.1234
1086 North 4th Street, Ste 111
Columbus, Ohio 43201
614.223.2324
312 Plum Street, Ste 700
Cincinnati, Ohio 45202
513.381.2112

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EARLY CHILDHOOD RENOVATION
825 WAYCROSS ROAD, CINCINNATI, OH 45240

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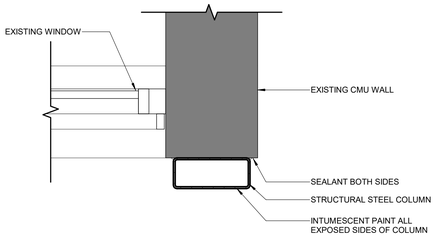
ENLARGED TOILET ROOM PLANS

DATE 4/28/23

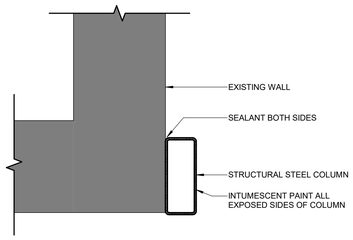
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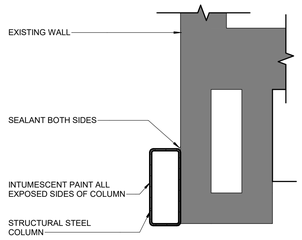
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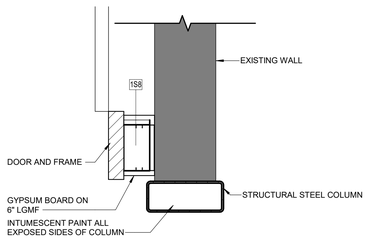
1 A180 PLAN DETAIL
1 1/2" = 1'-0"



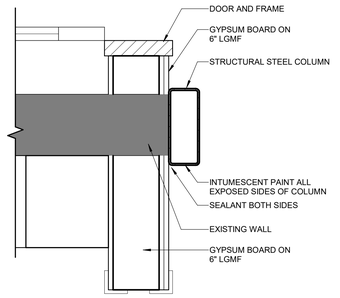
2 A180 PLAN DETAIL
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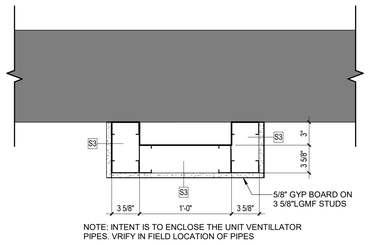
3 A180 PLAN DETAIL
1 1/2" = 1'-0"



4 A180 PLAN DETAIL
1 1/2" = 1'-0"

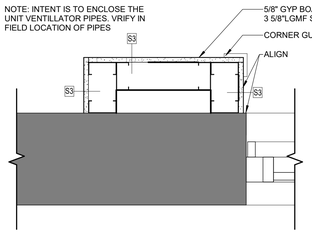


8 A180 PLAN DETAIL
1 1/2" = 1'-0"

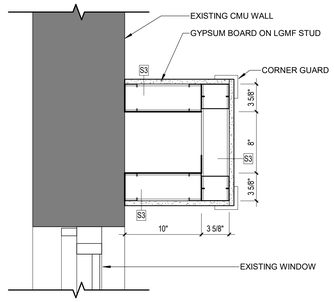


NOTE: INTENT IS TO ENCLOSE THE UNIT VENTILLATOR PIPES. VRIFY IN FIELD LOCATION OF PIPES

6 A180 TYPICAL U.V. CHASE
1 1/2" = 1'-0"



7 A180 PLAN DETAIL
1 1/2" = 1'-0"



5 A180 PLAN DETAIL
1 1/2" = 1'-0"

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2118434
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223 Fairfield Avenue, Ste 100
Bellevue, Kentucky 41073
859.360.1234
1086 North 4th Street, Ste 111
Columbus, Ohio 43201
614.423.2124
312 Plum Street, Ste 700
Cincinnati, Ohio 45202
513.381.2112

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EARLY CHILDOOD RENOVATION
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PLAN DETAILS

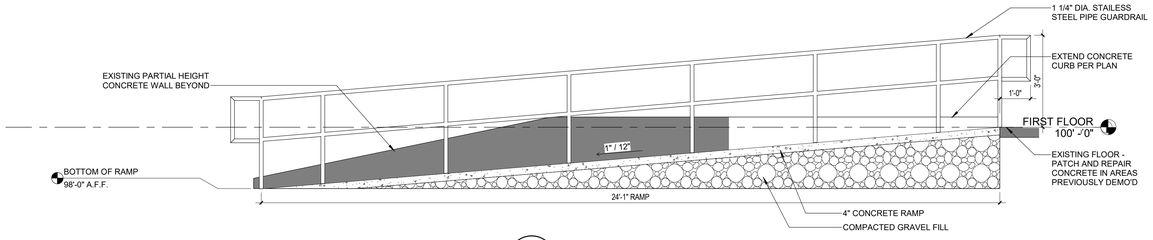
DATE 4/28/23

COMM NO. 2021091.02

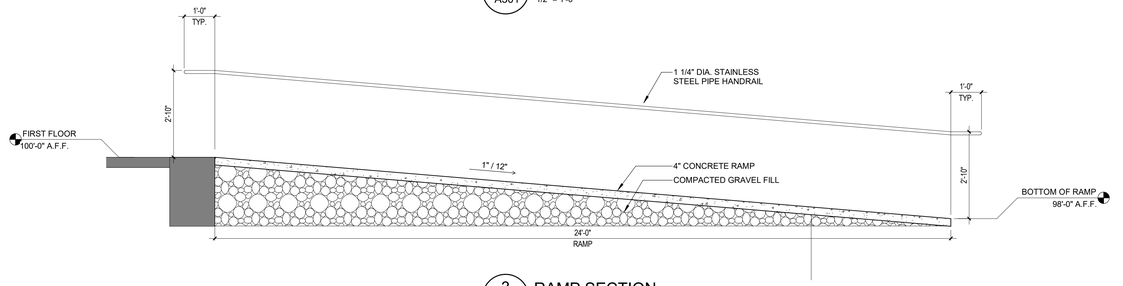
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"0'-1" REFERENCE LINE"

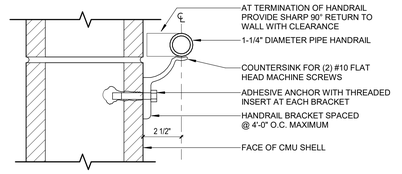
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2 A301 RAMP SECTION
1/2" = 1'-0"

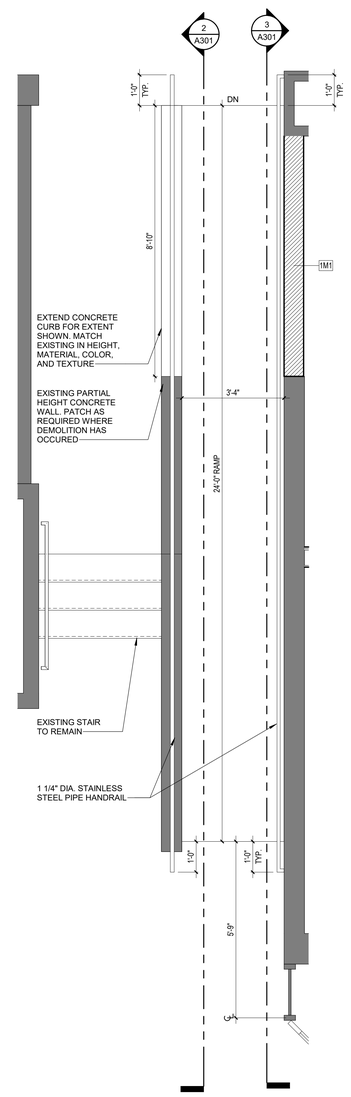


3 A301 RAMP SECTION
1/2" = 1'-0"



WALL MOUNTED HANDRAIL

4 A301 HANDRAIL DETAIL
3" = 1'-0"



1 A301 ENLARGED RAMP PLAN
1/2" = 1'-0"

0'-1" REFERENCE LINE

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Bellevue, Kentucky 41073
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614.223.2224
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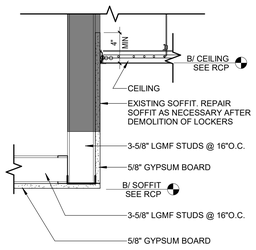
ENLARGED STAIR & RAMP PLANS

DATE 4/28/23

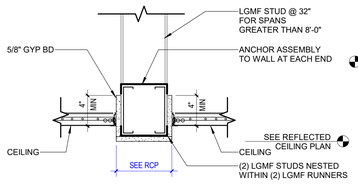
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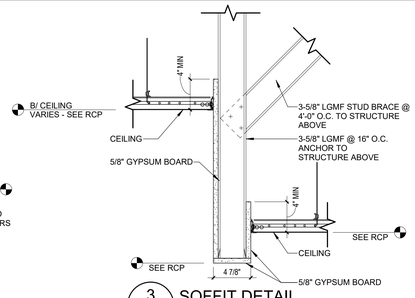
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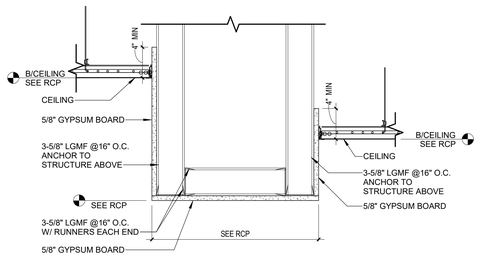
1 A401 SOFFIT DETAIL
1 1/2" = 1'-0"



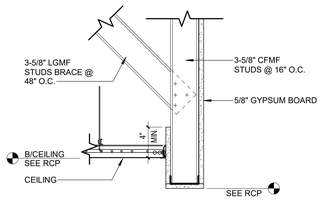
2 A401 SOFFIT DETAIL
1 1/2" = 1'-0"



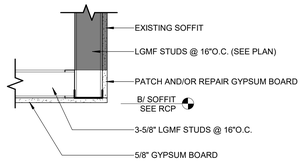
3 A401 SOFFIT DETAIL
1 1/2" = 1'-0"



4 A401 SOFFIT DETAIL
1 1/2" = 1'-0"



5 A401 SOFFIT DETAIL
1 1/2" = 1'-0"



6 A401 SOFFIT DETAIL
1 1/2" = 1'-0"

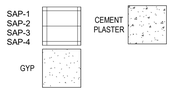
GENERAL NOTES - REFLECTED CEILING PLAN

A. ALL EXPOSED CEILING STRUCTURE, DECK, DUCTWORK, CONDUIT, HANGERS, ETC. TO BE PAINTED PT-1 UNLESS NOTED OTHERWISE.
B. PAINT ALL GYP BD SOFFITS PT-1 UNLESS NOTED OTHERWISE.
C. ALL EXPOSED INTERIOR STEEL (LINTELS, ETC) TO BE PAINTED TO MATCH ADJACENT WALL SURFACE UNLESS NOTED OTHERWISE. ALL EXTERIOR STEEL (LINTELS, ETC) TO BE PAINTED TO MATCH FIRST MASONRY COURSE ABOVE LINTEL UNLESS NOTED OTHERWISE.
D. SEE SHEET A401 FOR TYPICAL SOFFIT DETAILS - SEE FLOOR PLAN FOR SOFFIT DIMENSIONS.
E. ALL CEILING DEVICES ARE NOT SHOWN - SEE MEPT DRAWINGS FOR ADDITIONAL INFORMATION.

KEY NOTES - REFLECTED CEILING PLANS

C1 EXISTING SKYLIGHT TO REMAIN. PAINT ALL SKYLIGHT SURROUNDS PT-1
C2 PATCH AND REPAIR UNDERSIDE OF SOFFIT AS NECESSARY AFTER DEMO OF LOWER SOFFIT.

CEILING FINISH LEGEND



ABBREVIATIONS:
SAP SUSPENDED ACOUSTICAL PANEL
DEFS DIRECT-APPLIED EXTERIOR FINISH SYSTEM

FINISH LISTING - PAINT

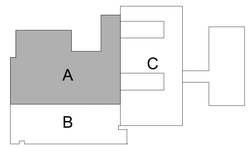
PT-1	TO MATCH SHERWIN WILLIAMS SNOWBOUND (SW7004)
PT-2	TO MATCH SHERWIN WILLIAMS TIN LIZZIE (SW9163)
PT-3	TO MATCH SHERWIN WILLIAMS GRIZZLE GRAY (SW7068)
PT-4	TO MATCH PPG PAINTS LEAP FROG (PPG1225-7)
PT-5	TO MATCH PPG PAINTS SUDDENLY SAPPHIRE (PPG1242-7)
PT-6	TO MATCH PPG PAINTS BE SPONTANEOUS (PPG1221-6)
PT-7	TO MATCH PPG PAINTS KING TRITON (PPG1242-5)
PT-8	TO MATCH PPG PAINTS OVERCAST (PPG1242-4)
PT-9	TO MATCH SHERWIN WILLIAMS OVERJOY (SW6689)
PT-10	TO MATCH SHERWIN WILLIAMS QUITE CORAL (SW6614)
PT-11	TO MATCH PPG PAINTS CROWNING GLORY (PPG17-07)
PT-12	TO MATCH PPG PAINTS FALL LEAF (PPG1197-6)

FLOOR PLAN LEGEND

- NO WORK THIS AREA
- EXISTING WALL/PARTITION TO REMAIN
- NEW WALL/PARTITION
- EXISTING DOOR AND FRAME TO REMAIN
- NEW DOOR



7 A401 FIRST FLOOR REFLECTED CEILING PLAN - AREA A
1/8" = 1'-0"



KEY PLAN
NTS

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FIRST FLOOR REFLECTED CEILING PLAN - AREA A

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A401

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0'-1" REFERENCE LINE

FLOOR PLAN LEGEND

- NO WORK THIS AREA
- EXISTING WALL/PARTITION TO REMAIN
- NEW WALL/PARTITION
- EXISTING DOOR AND FRAME TO REMAIN
- NEW DOOR

GENERAL NOTES - REFLECTED CEILING PLAN

A. ALL EXPOSED CEILING STRUCTURE, DECK, DUCTWORK, CONDUIT, HANGERS, ETC. TO BE PAINTED PT-1 UNLESS NOTED OTHERWISE.
B. PAINT ALL GYP BD SOFFITS PT-1 UNLESS NOTED OTHERWISE.
C. ALL EXPOSED INTERIOR STEEL (LINTELS, ETC) TO BE PAINTED TO MATCH ADJACENT WALL SURFACE UNLESS NOTED OTHERWISE. ALL EXTERIOR STEEL (LINTELS, ETC) TO BE PAINTED TO MATCH FIRST MASONRY COURSE ABOVE LINTEL UNLESS NOTED OTHERWISE.
D. SEE SHEET A401 FOR TYPICAL SOFFIT DETAILS - SEE FLOOR PLAN FOR SOFFIT DIMENSIONS.
E. ALL CEILING DEVICES ARE NOT SHOWN - SEE MEPT DRAWINGS FOR ADDITIONAL INFORMATION.

KEY NOTES - REFLECTED CEILING PLANS

C1 EXISTING SKYLIGHT TO REMAIN. PAINT ALL SKYLIGHT SURROUNDS PT-1

CEILING FINISH LEGEND

SAP-1
SAP-2
SAP-3
SAP-4
CEMENT PLASTER
GYP

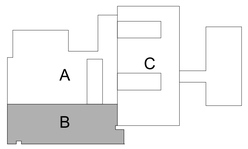
ABBREVIATIONS:
SAP SUSPENDED ACOUSTICAL PANEL
DEFS DIRECT-APPLIED EXTERIOR FINISH SYSTEM

FINISH LISTING - PAINT

PT-1	TO MATCH SHERWIN WILLIAMS SNOWBOUND (SW7004)
PT-2	TO MATCH SHERWIN WILLIAMS TIN LIZZIE (SW9163)
PT-3	TO MATCH SHERWIN WILLIAMS GRIZZLE GRAY (SW7068)
PT-4	TO MATCH PPG PAINTS LEAP FROG (PPG1225-7)
PT-5	TO MATCH PPG PAINTS SUDDENLY SAPPHIRE (PPG1242-7)
PT-6	TO MATCH PPG PAINTS BE SPONTANEOUS (PPG1221-6)
PT-7	TO MATCH PPG PAINTS KING TRITON (PPG1242-5)
PT-8	TO MATCH PPG PAINTS OVERCAST (PPG1242-4)
PT-9	TO MATCH SHERWIN WILLIAMS OVERJOY (SW6689)
PT-10	TO MATCH SHERWIN WILLIAMS QUITE CORAL (SW6614)
PT-11	TO MATCH PPG PAINTS CROWNING GLORY (PPG17-07)
PT-12	TO MATCH PPG PAINTS FALL LEAF (PPG1197-6)



1 A402 FIRST FLOOR REFLECTED CEILING PLAN - AREA B
1/8" = 1'-0"



KEY PLAN
NTS

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Expiration Date 12/31/2023

SHP
223 Fairfield Avenue, Ste 100
Bellevue, Kentucky 41073
859.360.1234
1086 North 4th Street, Ste 111
Columbus, Ohio 43201
614.423.2264
312 Plum Street, Ste 700
Cincinnati, Ohio 45202
513.381.2112

WINTON WOODS CITY SCHOOLS
EARLY CHILDOOD RENOVATION
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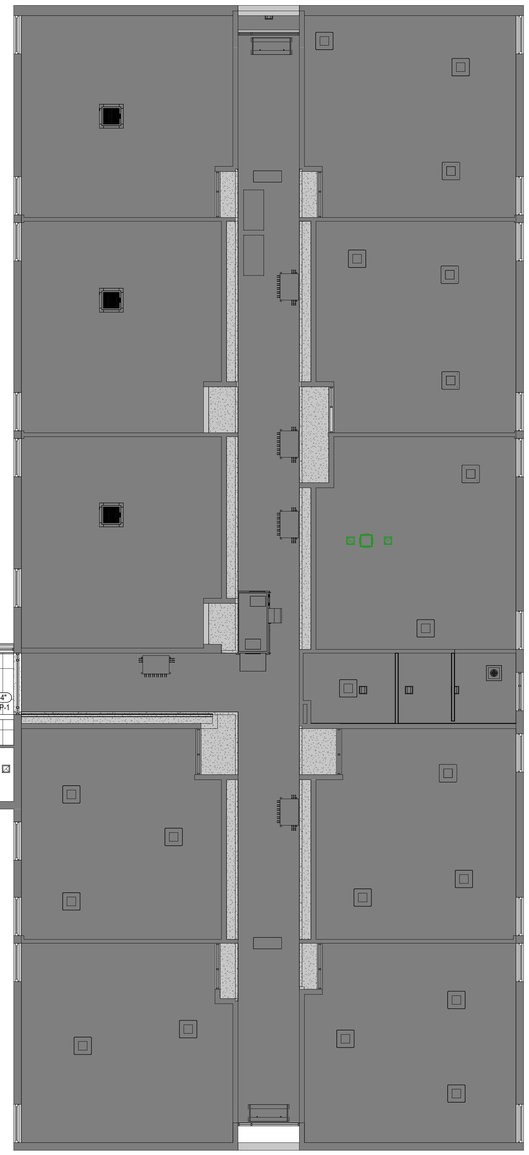
FIRST FLOOR REFLECTED CEILING PLAN - AREA B

DATE 4/28/23
COMM NO. 2021091.02

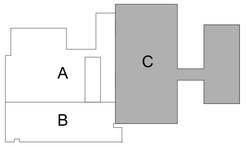
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1 / A403 FIRST FLOOR REFLECTED CEILING PLAN - AREA C
1/8" = 1'-0"



KEY PLAN
NTS

FLOOR PLAN LEGEND

- NO WORK THIS AREA
- EXISTING WALL/PARTITION TO REMAIN
- NEW WALL/PARTITION
- EXISTING DOOR AND FRAME TO REMAIN
- NEW DOOR

GENERAL NOTES - REFLECTED CEILING PLAN

A. ALL EXPOSED CEILING STRUCTURE, DECK, DUCTWORK, CONDUIT, HANGERS, ETC. TO BE PAINTED PT-1 UNLESS NOTED OTHERWISE.
B. PAINT ALL GYP BD SOFFITS PT-1 UNLESS NOTED OTHERWISE.
C. ALL EXPOSED INTERIOR STEEL (LINTELS, ETC) TO BE PAINTED TO MATCH ADJACENT WALL SURFACE UNLESS NOTED OTHERWISE. ALL EXTERIOR STEEL (LINTELS, ETC) TO BE PAINTED TO MATCH FIRST MASONRY COURSE ABOVE LINTEL UNLESS NOTED OTHERWISE.
D. SEE SHEET A401 FOR TYPICAL SOFFIT DETAILS - SEE FLOOR PLAN FOR SOFFIT DIMENSIONS.
E. ALL CEILING DEVICES ARE NOT SHOWN - SEE MEPT DRAWINGS FOR ADDITIONAL INFORMATION.

KEY NOTES - REFLECTED CEILING PLANS

C2 PATCH AND REPAIR UNDERSIDE OF SOFFIT AS NECESSARY AFTER DEMO OF LOWER SOFFIT.

CEILING FINISH LEGEND

SAP-1
SAP-2
SAP-3
SAP-4
CEMENT PLASTER
GYP

ABBREVIATIONS:
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DEFS DIRECT-APPLIED EXTERIOR FINISH SYSTEM

FINISH LISTING - PAINT

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2118434
REGISTERED ARCHITECT
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SHP
223 Fairfield Avenue, Ste 100
Bellevue, Kentucky 41073
859.360.1234
1086 North 4th Street, Ste 111
Columbus, Ohio 43201
614.423.2264
312 Plum Street, Ste 700
Cincinnati, Ohio 45202
513.381.2112

WINTON WOODS CITY SCHOOLS
EARLY CHILDHOOD RENOVATION
825 WAYCROSS ROAD, CINCINNATI, OH 45240

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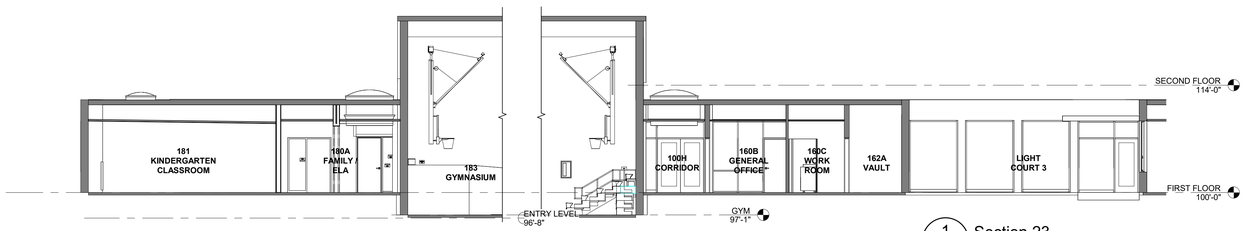
FIRST FLOOR REFLECTED CEILING PLAN - AREA C

DATE 4/28/23
COMM NO. 2021091.02

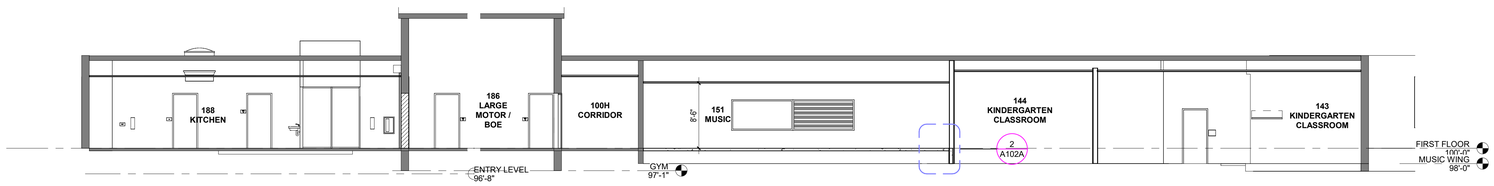
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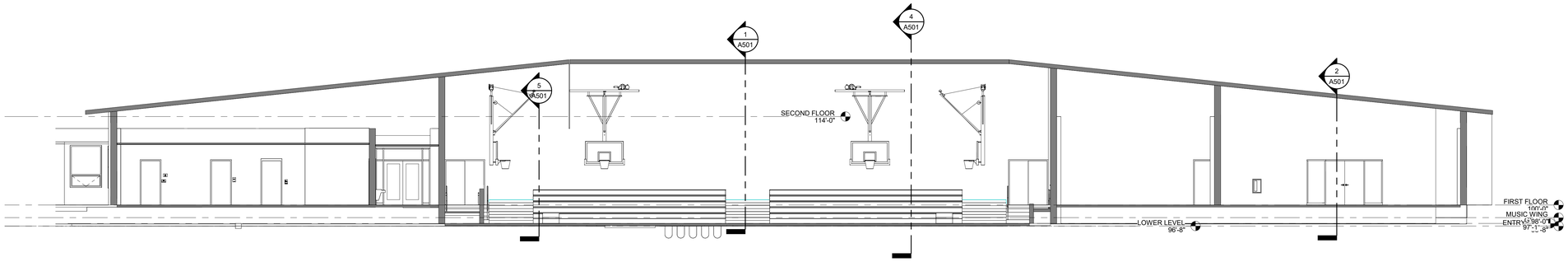
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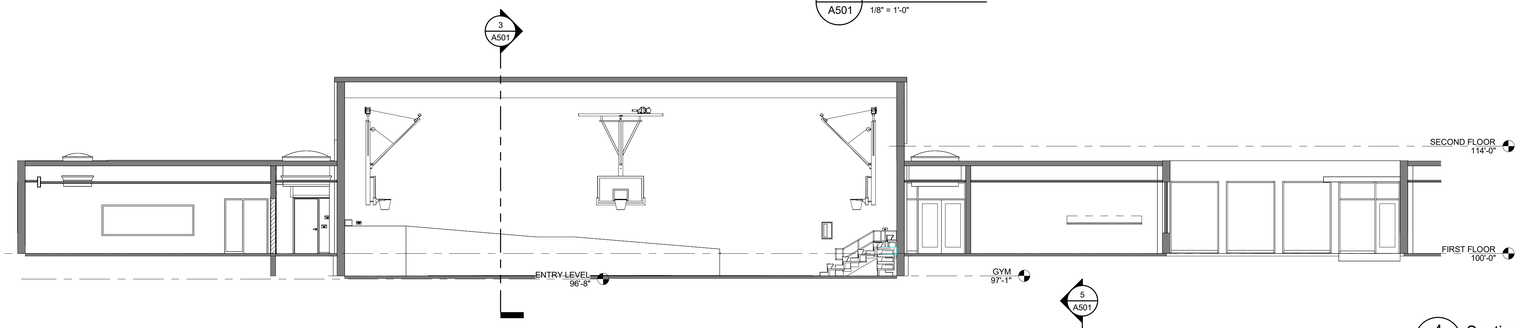
1 A501 Section 23
1/8" = 1'-0"



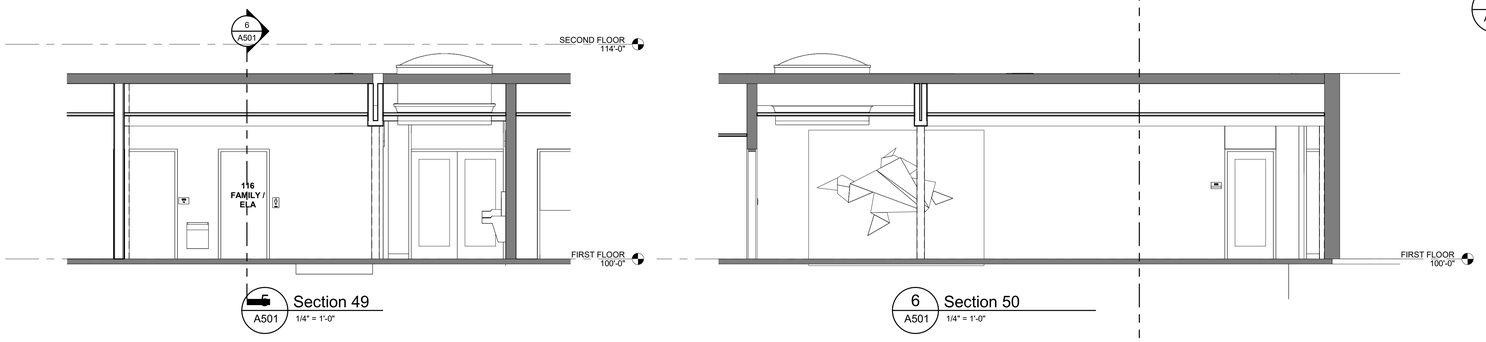
2 A501 Section 24
1/8" = 1'-0"



3 A501 Section 26
1/8" = 1'-0"



4 A501 Section 25
1/8" = 1'-0"



6 A501 Section 49
1/4" = 1'-0"

6 A501 Section 50
1/4" = 1'-0"

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223 Fairfield Avenue, Ste 100
Bellevue, Kentucky 41073
859.360.1234
1086 North 4th Street, Ste 111
Columbus, Ohio 43201
614.423.2124
312 Plum Street, Ste 700
Cincinnati, Ohio 45202
513.381.2112

WINTON WOODS CITY SCHOOLS
EARLY CHILDHOOD RENOVATION
825 WAYCROSS ROAD, CINCINNATI, OH 45240

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FINISH LISTING

QUARRY TILE & BASE
QT-1 & QTB-1: DALTILE, QUARRY TEXTURES, 6" x 6" TILE & MATCHING COVE BASE; COLOR: TO MATCH EXISTING

RESILIENT BASE
RB-1: JOHNSONITE, 4" BASE; COLOR: CHARCOAL (20)

EPOXY RESIN FLOOR + BASE - RESTROOMS
RES-1: TO MATCH ARCHITECT'S SAMPLE

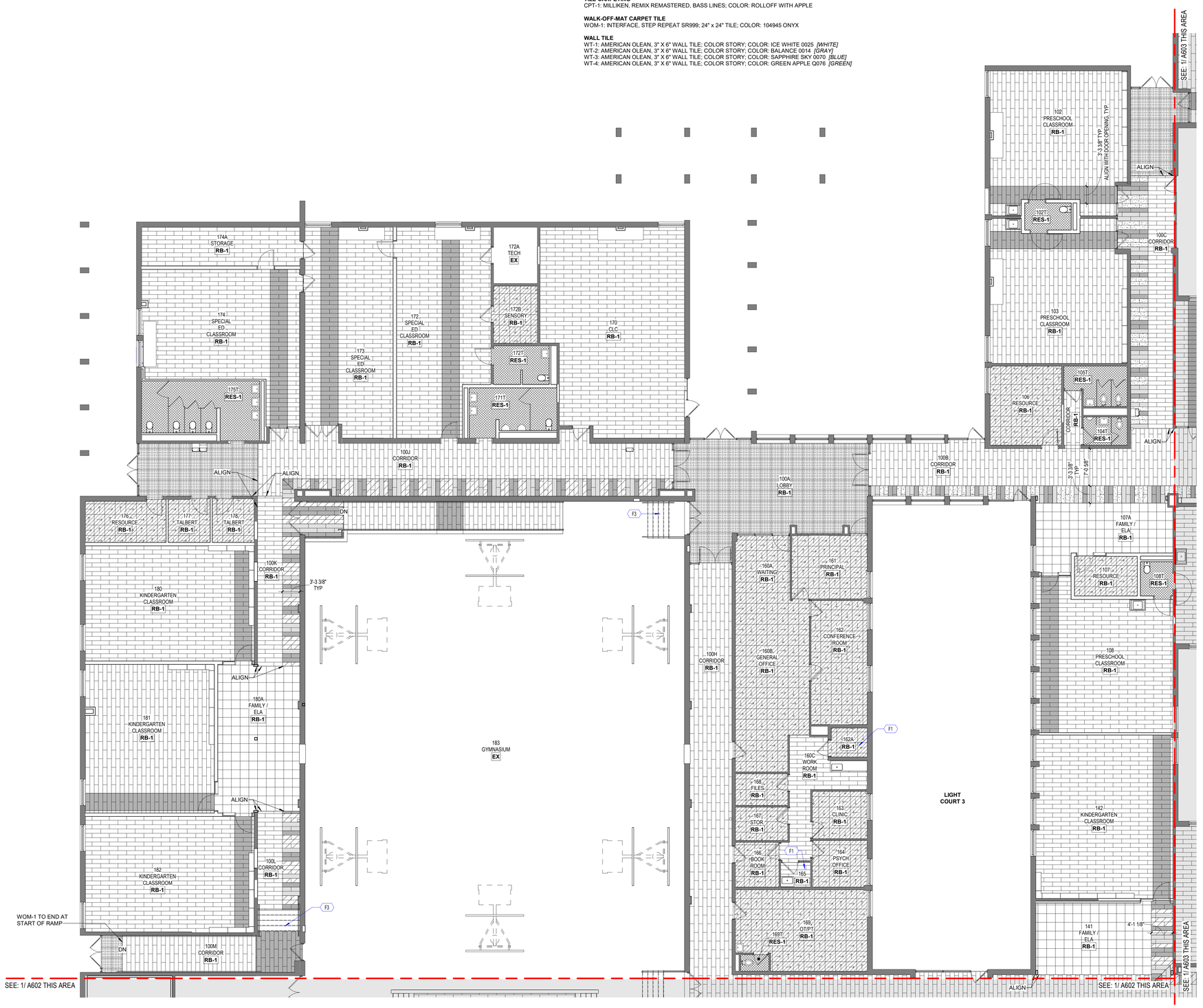
ONE-PIECE TREAD/RISER
RST-1: JOHNSONITE, COLOR SPLASH; COLOR: VE7 MT RAINIER; TEXTURE: HAMMERED; SMOOTH RUBBER INSERT COLOR: TO BE SELECTED

LUXURY VINYL TILE
LVT-1: INTERFACE, LEVEL SET, NATURAL WOODGRAINS, 25 CM x 1 M PLANK; COLOR: CEDAR (A00212)
LVT-2: INTERFACE, SCORPIO, 50 CM x 50 CM TILE; COLOR: SILVERLIGHT (A01716)
LVT-3: INTERFACE, STUDIO SET, 25 CM x 1 M PLANK; COLOR: CHARTREUSE (A00715)
LVT-4: INTERFACE, STUDIO SET, 25 CM x 1 M PLANK; COLOR: PEWTER (A00702)
LVT-5: INTERFACE, STUDIO SET, 25 CM x 1 M PLANK; COLOR: SILVERLIGHT (A00701)
LVT-6: INTERFACE, STUDIO SET, 25 CM x 1 M PLANK; COLOR: ELECTRIC BLUE (A00721)

TILE CARPETING
CPT-1: MILLIKEN, REMIX REMASTERED, BASS LINES; COLOR: ROLLOFF WITH APPLE

WALK-OFF-MAT CARPET TILE
WOM-1: INTERFACE, STEP REPEAT SR999; 24" x 24" TILE; COLOR: 104945 ONYX

WALL TILE
WT-1: AMERICAN OLEAN, 3" X 6" WALL TILE; COLOR STORY; COLOR: ICE WHITE 0025 *[WHITE]*
WT-2: AMERICAN OLEAN, 3" X 6" WALL TILE; COLOR STORY; COLOR: BALANCE 0014 *[GRAY]*
WT-3: AMERICAN OLEAN, 3" X 6" WALL TILE; COLOR STORY; COLOR: SAPPHIRE SKY 0070 *[BLUE]*
WT-4: AMERICAN OLEAN, 3" X 6" WALL TILE; COLOR STORY; COLOR: GREEN APPLE Q076 *[GREEN]*



1 A601 FIRST FLOOR FINISH PLAN - AREA A
1/8" = 1'-0"

GENERAL NOTES - FLOOR FINISH PLAN

A. CONTRACTOR MUST OBTAIN COLOR PRINTS OF ALL FLOOR PATTERNS FROM ARCHITECT BEFORE INSTALLING MATERIAL.
B. EXTEND FLOORING MATERIAL UNDER OPEN CASEWORK.
C. WHEN MATERIAL TRANSITIONS OCCUR AT A DOORWAY, TRANSITION TO OCCUR AT THE CENTERLINE OF THE CLOSED DOOR.
D. SEE STRUCTURAL FOUNDATION AND PLUMBING PLANS FOR DRAIN AND SLOPE LOCATIONS.
E. PRODUCTS LISTED ON THE DRAWING SHEETS ARE THE BASIS OF DESIGN PRODUCT. SEE SPECIFICATION FOR ADDITIONAL INFORMATION.
F. WHEN FLOORING DIMENSION READS "3'-3 3/8'," DIMENSION TO BE EQUAL TO SINGLE FULL LVT PLANK.

KEY NOTES - FINISH PLANS

F1 IF FLOORING HAS NOT BEEN ABATED, INSTALL NEW FLOORING ON TOP OF EXISTING SURFACE. PROVIDE NECESSARY TRANSITION ACCESSORIES.
F3 ONE-PIECE INTEGRAL TREAD AND RISER WITH OVERLAP NOSING (RST-1) TO BE INSTALLED ON ALL TREAD / RISERS EXCEPT FOR FIRST RISER AND TOP TREAD OF A RUN. SEE SPECIFICATIONS FOR CONDITIONS AT THESE LOCATIONS.

FINISH LISTING - BASE

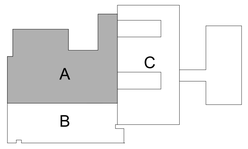
EX	EXISTING BASE TO REMAIN	--
RB-1	RESILIENT BASE	SEE FINISH LISTING FOR APPROVED PRODUCTS
RES-1	RESINOUS COVE BASE	SEE SPECIFICATION

FINISH LISTING - FLOORING

CPT-1	24" x 24" CARPET TILE	SEE FINISH LISTING FOR APPROVED PRODUCTS
LVT-1	LUXURY VINYL TILE	SEE FINISH LISTING FOR APPROVED PRODUCTS
LVT-2	LUXURY VINYL TILE	SEE FINISH LISTING FOR APPROVED PRODUCTS
LVT-3	LUXURY VINYL TILE	SEE FINISH LISTING FOR APPROVED PRODUCTS
LVT-4	LUXURY VINYL TILE	SEE FINISH LISTING FOR APPROVED PRODUCTS
LVT-5	LUXURY VINYL TILE	SEE FINISH LISTING FOR APPROVED PRODUCTS
LVT-6	LUXURY VINYL TILE	SEE FINISH LISTING FOR APPROVED PRODUCTS
RES-1	RESINOUS FLOORING	SEE SPECIFICATION
WOM-1	WALK OFF MAT TILE	SEE FINISH LISTING FOR APPROVED PRODUCTS

FLOOR PATTERN LEGEND

LVT-1
LVT-2
LVT-3
LVT-4
LVT-5
LVT-6
CPT-1
RES-1
WOM-1
SCONC



KEY PLAN
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223 Fairfield Avenue, Ste 100
Bellevue, Kentucky 41073
859.360.1234
1086 North 4th Street, Ste 111
Columbus, Ohio 43201
614.423.7264
312 Plum Street, Ste 700
Cincinnati, Ohio 45202
513.381.2112

WINTON WOODS CITY SCHOOLS
EARLY CHILDHOOD RENOVATION
825 WAYCROSS ROAD, CINCINNATI, OH 45240

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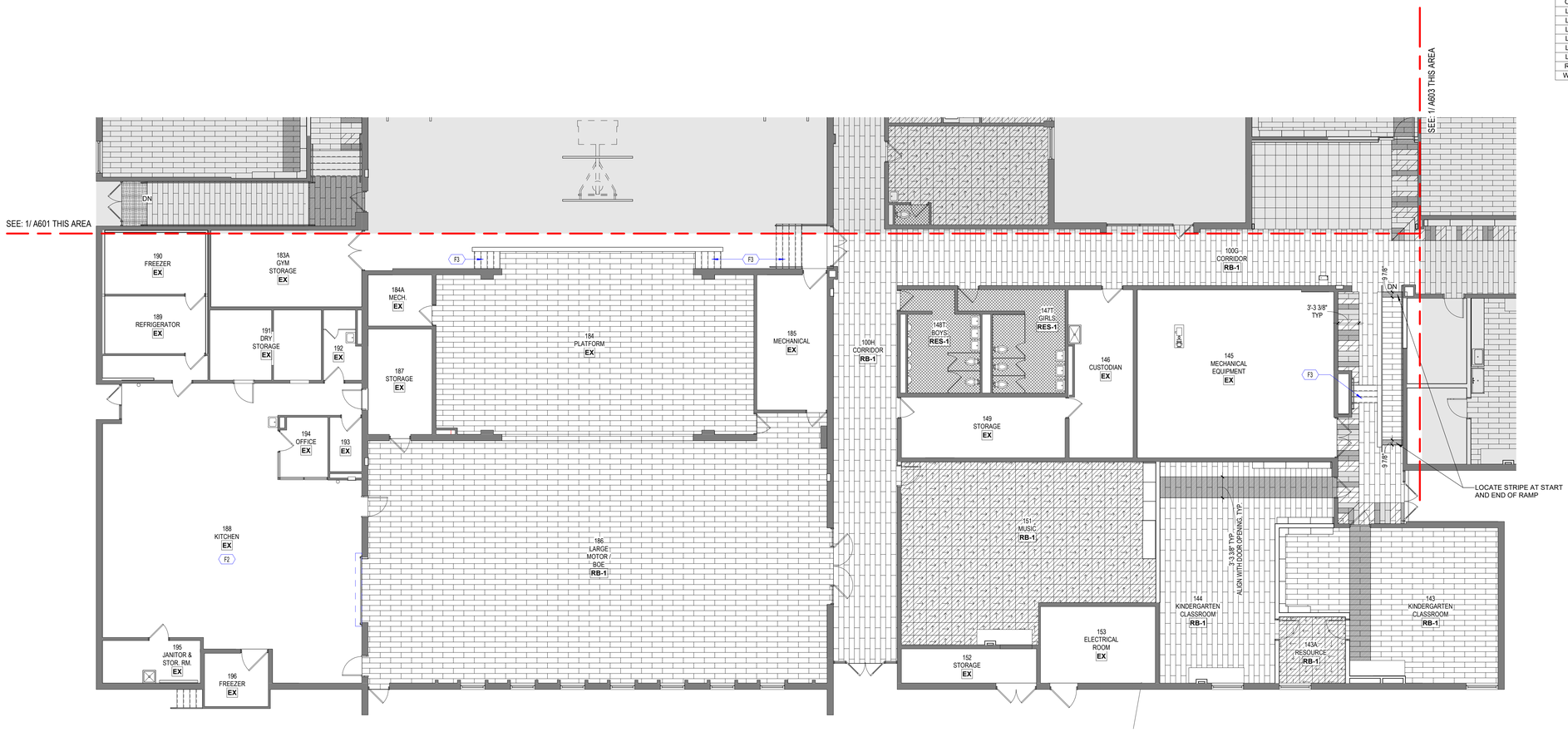
FIRST FLOOR FINISH PLAN - AREA A

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A601

0'-1" REFERENCE LINE

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1 / A602 FIRST FLOOR FINISH PLAN - AREA B
1/8" = 1'-0"

GENERAL NOTES - FLOOR FINISH PLAN

A. CONTRACTOR MUST OBTAIN COLOR PRINTS OF ALL FLOOR PATTERNS FROM ARCHITECT BEFORE INSTALLING MATERIAL.
B. EXTEND FLOORING MATERIAL UNDER OPEN CASEWORK.
C. WHEN MATERIAL TRANSITIONS OCCUR AT A DOORWAY, TRANSITION TO OCCUR AT THE CENTERLINE OF THE CLOSED DOOR.
D. SEE STRUCTURAL FOUNDATION AND PLUMBING PLANS FOR DRAIN AND SLOPE LOCATIONS.
E. PRODUCTS LISTED ON THE DRAWING SHEETS ARE THE BASIS OF DESIGN PRODUCT. SEE SPECIFICATION FOR ADDITIONAL INFORMATION.
F. WHEN FLOORING DIMENSION READS "3'-3 3/8"," DIMENSION TO BE EQUAL TO SINGLE FULL LVT PLANK.

KEY NOTES - FINISH PLANS

F2 PATCH QUARRY TILE FLOORING WHERE NEEDED
F3 ONE-PIECE INTEGRAL TREAD AND RISER WITH OVERLAP NOSING (RST-1) TO BE INSTALLED ON ALL TREAD / RISERS EXCEPT FOR FIRST RISER AND TOP TREAD OF A RUN. SEE SPECIFICATIONS FOR CONDITIONS AT THESE LOCATIONS.

FINISH LISTING - BASE

EX	EXISTING BASE TO REMAIN	--
RB-1	RESILIENT BASE	SEE FINISH LISTING FOR APPROVED PRODUCTS
RES-1	RESINOUS COVE BASE	SEE SPECIFICATION

FINISH LISTING - FLOORING

CPT-1	24" x 24" CARPET TILE	SEE FINISH LISTING FOR APPROVED PRODUCTS
LVT-1	LUXURY VINYL TILE	SEE FINISH LISTING FOR APPROVED PRODUCTS
LVT-2	LUXURY VINYL TILE	SEE FINISH LISTING FOR APPROVED PRODUCTS
LVT-3	LUXURY VINYL TILE	SEE FINISH LISTING FOR APPROVED PRODUCTS
LVT-4	LUXURY VINYL TILE	SEE FINISH LISTING FOR APPROVED PRODUCTS
LVT-5	LUXURY VINYL TILE	SEE FINISH LISTING FOR APPROVED PRODUCTS
LVT-6	LUXURY VINYL TILE	SEE FINISH LISTING FOR APPROVED PRODUCTS
RES-1	RESINOUS FLOORING	SEE SPECIFICATION
WOM-1	WALK OFF MAT TILE	SEE FINISH LISTING FOR APPROVED PRODUCTS

FLOOR PATTERN LEGEND

LVT-1
LVT-2
LVT-3
LVT-4
LVT-5
LVT-6
CPT-1
RES-1
WOM-1
SCONC

A
B
C

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Bellevue, Kentucky 41073
859.360.1234
1086 North 4th Street, Ste 111
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614.423.2324
312 Plum Street, Ste 700
Cincinnati, Ohio 45202
513.381.2112

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EARLY CHILDOOD RENOVATION
825 WAYCROSS ROAD, CINCINNATI, OH 45240

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FIRST FLOOR FINISH PLAN - AREA B

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COMM NO. 2021091.02

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0'-1" REFERENCE LINE

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1 A603 FIRST FLOOR FINISH PLAN - AREA C
1/8" = 1'-0"

GENERAL NOTES - FLOOR FINISH PLAN

A. CONTRACTOR MUST OBTAIN COLOR PRINTS OF ALL FLOOR PATTERNS FROM ARCHITECT BEFORE INSTALLING MATERIAL.
B. EXTEND FLOORING MATERIAL UNDER OPEN CASEWORK.
C. WHEN MATERIAL TRANSITIONS OCCUR AT A DOORWAY, TRANSITION TO OCCUR AT THE CENTERLINE OF THE CLOSED DOOR.
D. SEE STRUCTURAL FOUNDATION AND PLUMBING PLANS FOR DRAIN AND SLOPE LOCATIONS.
E. PRODUCTS LISTED ON THE DRAWING SHEETS ARE THE BASIS OF DESIGN PRODUCT. SEE SPECIFICATION FOR ADDITIONAL INFORMATION.
F. WHEN FLOORING DIMENSION READS "3'-3 3/8'," DIMENSION TO BE EQUAL TO SINGLE FULL LVT PLANK.

KEY NOTES - FINISH PLANS

FINISH LISTING - BASE

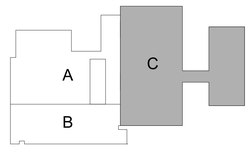
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RB-1	RESILIENT BASE	SEE FINISH LISTING FOR APPROVED PRODUCTS
RES-1	RESINOUS COVE BASE	SEE SPECIFICATION

FINISH LISTING - FLOORING

CPT-1	24" x 24" CARPET TILE	SEE FINISH LISTING FOR APPROVED PRODUCTS
LVT-1	LUXURY VINYL TILE	SEE FINISH LISTING FOR APPROVED PRODUCTS
LVT-2	LUXURY VINYL TILE	SEE FINISH LISTING FOR APPROVED PRODUCTS
LVT-3	LUXURY VINYL TILE	SEE FINISH LISTING FOR APPROVED PRODUCTS
LVT-4	LUXURY VINYL TILE	SEE FINISH LISTING FOR APPROVED PRODUCTS
LVT-5	LUXURY VINYL TILE	SEE FINISH LISTING FOR APPROVED PRODUCTS
LVT-6	LUXURY VINYL TILE	SEE FINISH LISTING FOR APPROVED PRODUCTS
RES-1	RESINOUS FLOORING	SEE SPECIFICATION
WOM-1	WALK OFF MAT TILE	SEE FINISH LISTING FOR APPROVED PRODUCTS

FLOOR PATTERN LEGEND

LVT-1, LVT-2, LVT-3, LVT-4, LVT-5, LVT-6, CPT-1, RES-1, WOM-1, SCONC



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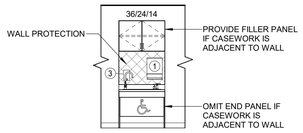
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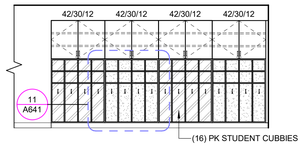
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COMM NO. 2021091.02

A603

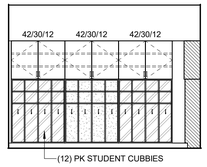
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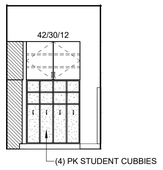
1 A640 TYPICAL PK CLASSROOM
1/4" = 1'-0"



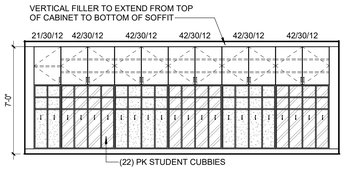
2 A640 PK CLASSROOM 101
1/4" = 1'-0"



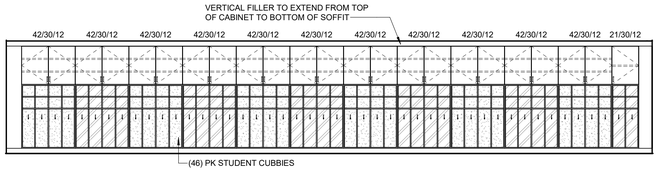
3 A640 PK CLASSROOM 123
1/4" = 1'-0"



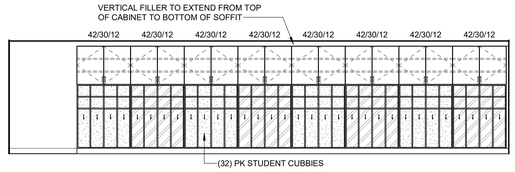
4 A640 PK CLASSROOM 123
1/4" = 1'-0"



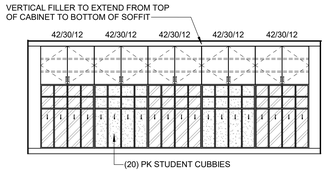
5 A640 CORRIDOR 100D
1/4" = 1'-0"



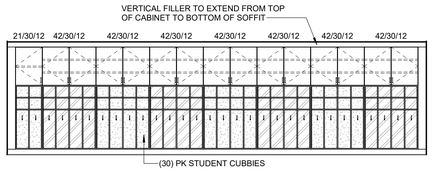
6 A640 CORRIDOR 100D
1/4" = 1'-0"



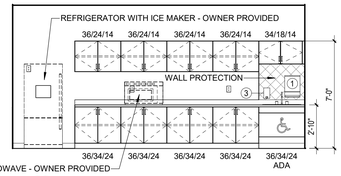
7 A640 CORRIDOR 100D
1/4" = 1'-0"



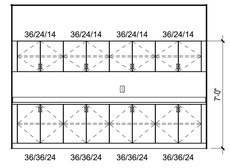
8 A640 CORRIDOR 100E
1/4" = 1'-0"



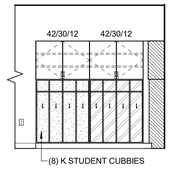
9 A640 CORRIDOR 100E
1/4" = 1'-0"



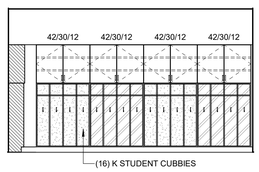
10 A640 TEACHER WORKROOM 120
1/4" = 1'-0"



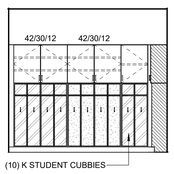
11 A640 TEACHER WORKROOM 120
1/4" = 1'-0"



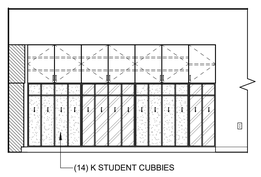
12 A640 KINDERGARTEN CLASSROOM 130
1/4" = 1'-0"



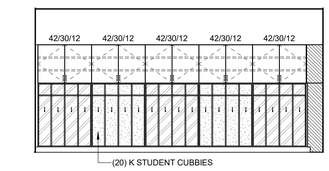
13 A640 KINDERGARTEN CLASSROOM 130
1/4" = 1'-0"



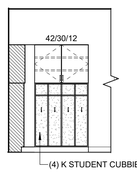
14 A640 KINDERGARTEN CLASSROOM 131
1/4" = 1'-0"



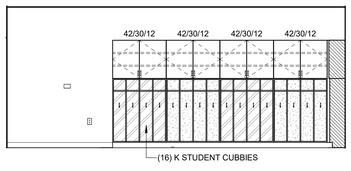
15 A640 KINDERGARTEN CLASSROOM 131
1/4" = 1'-0"



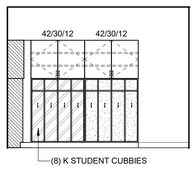
16 A640 KINDERGARTEN CLASSROOM 135
1/4" = 1'-0"



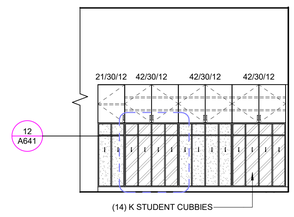
17 A640 KINDERGARTEN CLASSROOM 135
1/4" = 1'-0"



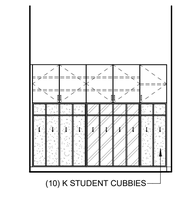
18 A640 KINDERGARTEN CLASSROOM 182
1/4" = 1'-0"



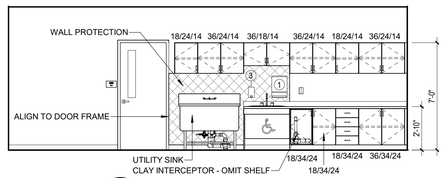
19 A640 KINDERGARTEN CLASSROOM 182
1/4" = 1'-0"



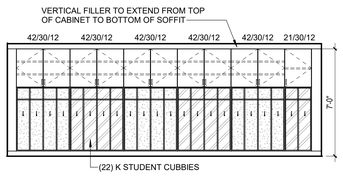
20 A640 KINDERGARTEN CLASSROOM 144
1/4" = 1'-0"



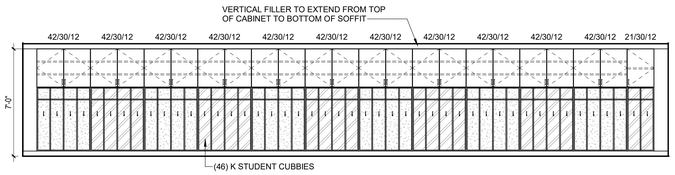
21 A640 KINDERGARTEN CLASSROOM 144
1/4" = 1'-0"



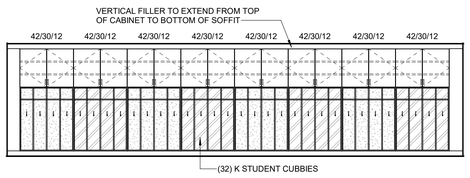
22 A640 ART CLASSROOM 139
1/4" = 1'-0"



23 A640 CORRIDOR 100G
1/4" = 1'-0"



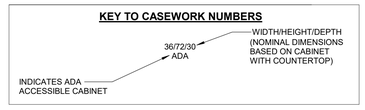
24 A640 CORRIDOR 100G
1/4" = 1'-0"



25 A640 CORRIDOR 100G
1/4" = 1'-0"

"0-1" REFERENCE LINE"

KEY TO CASEWORK NUMBERS



GENERAL NOTES - CASEWORK

A. PROVIDE GROMMETS AS NOTED - COORDINATE IN FIELD WITH ARCHITECT.
B. COORDINATE ALL CASEWORK WITH PLUMBING AND ELECTRICAL DRAWINGS - DEVICES SHOWN FOR REFERENCE ONLY, ALL DEVICES MAY NOT BE SHOWN.
C. FOR ALL SINKS LABELED "ADA" REFER TO DETAILS ON SHEET A641.
D. ALL PLASTIC LAMINATE CASEWORK (VERTICAL SURFACES) TO BE PLAM-1 UNLESS NOTED OTHERWISE. ALL PLASTIC LAMINATE COUNTERTOPS (HORIZONTAL SURFACES) TO BE PLAM-2 WITH MATCHING EDGEBANDING UNLESS NOTED OTHERWISE.
E. PROVIDE HORIZONTAL FILLER PANELS AT TOP OF ALL CABINETS AT GAP BETWEEN CABINET AND WALL.
F. ALL SINKS TO RECEIVE PAPER TOWEL (TBA-1) AND SOAP (TBA-3) DISPENSERS. SEE SHEET A150 FOR ADDITIONAL INFORMATION.
G. ALL CASEWORK IN CORRIDORS AND CLASSROOMS NOTED AS "PK STUDENT CUBBIES" OR "K STUDENT CUBBIES" AND ANY ADJOINING WALL CABINETS ARE TO BE INCLUDED IN ALTERNATE #4A. SEE DETAILS 6/A641 AND 7/A641 FOR CUBBY INFORMATION.
H. UNLESS NOTED OTHERWISE, ALL SHELVES ARE TO BE ADJUSTABLE UNLESS A FIXED SHELF IS REQUIRED FOR CABINET STABILITY.
J. UNLESS NOTED OTHERWISE, PROVIDE A 4" BACKSPLASH ON ALL COUNTERTOPS AND AN ENDSPLASH WHERE TOPS MEET A WALL.
J. ALL STUDENT CUBBY BACK PANELS TO BE EITHER PLAM-4 OR PLAM-5. SEE LEGEND FOR FINISH INFORMATION.

FINISH LISTING - PAINT

PT-1	TO MATCH SHERWIN WILLIAMS SNOWBOUND (SW7004)
PT-2	TO MATCH SHERWIN WILLIAMS TIN LIZZIE (SW9163)
PT-3	TO MATCH SHERWIN WILLIAMS GRIZZLE GRAY (SW7068)
PT-4	TO MATCH PPG PAINTS LEAP FROG (PPG1225-7)
PT-5	TO MATCH PPG PAINTS SUDDENLY SAPPHIRE (PPG1242-7)
PT-6	TO MATCH PPG PAINTS BE SPONTANEOUS (PPG1221-6)
PT-7	TO MATCH PPG PAINTS KING TRITON (PPG1242-5)
PT-8	TO MATCH PPG PAINTS OVERCAST (PPG1242-4)
PT-9	TO MATCH SHERWIN WILLIAMS OVERJOY (SW6689)
PT-10	TO MATCH SHERWIN WILLIAMS QUITE CORAL (SW6614)
PT-11	TO MATCH PPG PAINTS CROWNING GLORY (PPG17-07)
PT-12	TO MATCH PPG PAINTS FALL LEAF (PPG1197-6)

FINISH LISTING - LAMINATES

PLAM-1	WILSONART, STEEL MESH (4879-38)
PLAM-2	WILSONART, WHITE TIGRIS (4783-60)
PLAM-3	WILSONART, RIVER CHERRY (7937-38)
PLAM-4	FORMICA, VIBRANT GREEN (6901-58)
PLAM-5	FORMICA, SPECTRUM BLUE (851-58)

CASEWORK FINISH LEGEND

PLAM-4
PLAM-5

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STATE OF OHIO
EMMA K. PEVOAR 2118434
REGISTERED ARCHITECT
EMMA K. PEVOAR, Lic# 2118434
Expiration Date 12/31/2023

SHP
223 Fairfield Avenue, Ste 100
Bellevue, Kentucky 41073
859.360.1234
1086 North 4th Street, Ste 111
Columbus, Ohio 43201
614.223.2284
312 Plum Street, Ste 700
Cincinnati, Ohio 45202
513.381.2112

WINTON WOODS CITY SCHOOLS
EARLY CHILDHOOD RENOVATION
825 WAYCROSS ROAD, CINCINNATI, OH 45240

WINTON WOODS CITY SCHOOLS
825 WAYCROSS ROAD, SUITE A, CINCINNATI, OH 45240

ISSUANCES

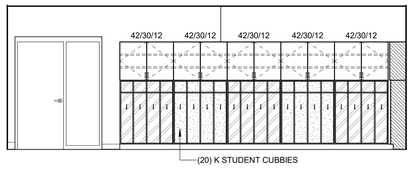
04-28-23	BID / PERMIT

INTERIOR ELEVATIONS

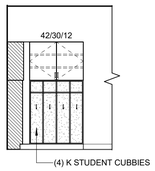
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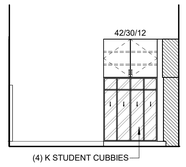
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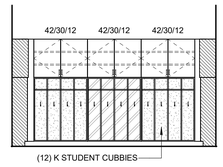
1 A641 KINDERGARTEN CLASSROOM 142
1/4" = 1'-0"



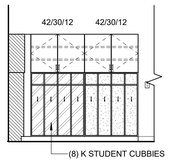
2 A641 KINDERGARTEN CLASSROOM 142
1/4" = 1'-0"



3 A641 KINDERGARTEN CLASSROOM 143
1/4" = 1'-0"



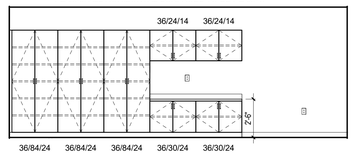
4 A641 KINDERGARTEN CLASSROOM 143
1/4" = 1'-0"



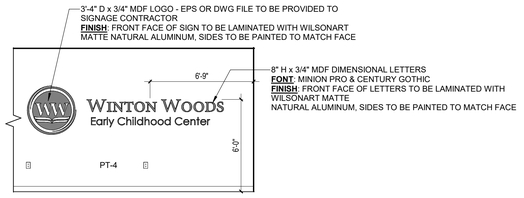
5 A641 KINDERGARTEN CLASSROOM 143
1/4" = 1'-0"

ALTERNATE #4B: ALL CASEWORK THIS VIEW.

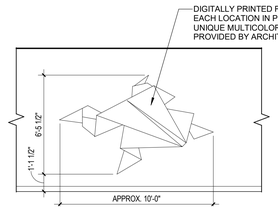
ALL VERTICAL CASEWORK SURFACES THIS VIEW TO BE PLAM-3. ALL HORIZONTAL SURFACES TO BE PLAM-1.



6 A641 MUSIC 152
1/4" = 1'-0"



7 A641 MAIN OFFICE 156
1/4" = 1'-0"



8 A641 GRAPHIC WALL 116
1/4" = 1'-0"

9 A641 ADA SINK DETAIL (ADULT HEIGHT)
1" = 1'-0"

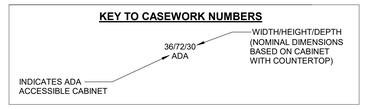
10 A641 ADA SINK DETAIL (CHILD HEIGHT)
1" = 1'-0"

11 A641 TYPICAL PK CUBBIES
1/2" = 1'-0"

12 A641 TYPICAL K CUBBIES
1/2" = 1'-0"

13 A641 TYPICAL WALL TILE
3/8" = 1'-0"

KEY TO CASEWORK NUMBERS



GENERAL NOTES - CASEWORK

A. PROVIDE GROMMETS AS NOTED - COORDINATE IN FIELD WITH ARCHITECT.
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C. FOR ALL SINKS LABELED "ADA" REFER TO DETAILS ON SHEET A641.
D. ALL PLASTIC LAMINATE CASEWORK (VERTICAL SURFACES) TO BE PLAM-1 UNLESS NOTED OTHERWISE. ALL PLASTIC LAMINATE COUNTERTOPS (HORIZONTAL SURFACES) TO BE PLAM-2 WITH MATCHING EDGEBANDING UNLESS NOTED OTHERWISE.
E. PROVIDE HORIZONTAL FILLER PANELS AT TOP OF ALL CABINETS AT GAP BETWEEN CABINET AND WALL.
F. ALL SINKS TO RECEIVE PAPER TOWEL (TBA-1) AND SOAP (TBA-3) DISPENSERS. SEE SHEET A150 FOR ADDITIONAL INFORMATION.
G. ALL CASEWORK IN CORRIDORS AND CLASSROOMS NOTED AS "PK STUDENT CUBBIES" OR "K STUDENT CUBBIES" AND ANY ADJOINING WALL CABINETS ARE TO BE INCLUDED IN ALTERNATE #4A. SEE DETAILS 6/A641 AND 7/A641 FOR CUBBY INFORMATION.
H. UNLESS NOTED OTHERWISE, ALL SHELVES ARE TO BE ADJUSTABLE UNLESS A FIXED SHELF IS REQUIRED FOR CABINET STABILITY.
J. UNLESS NOTED OTHERWISE, PROVIDE A 4" BACKSPLASH ON ALL COUNTERTOPS AND AN ENDSPLASH WHERE TOPS MEET A WALL.
J. ALL STUDENT CUBBY BACK PANELS TO BE EITHER PLAM-4 OR PLAM-5. SEE LEGEND FOR FINISH INFORMATION.

FINISH LISTING - PAINT

PT-1	TO MATCH SHERWIN WILLIAMS SNOWBOUND (SW7004)
PT-2	TO MATCH SHERWIN WILLIAMS TIN LIZZIE (SW9163)
PT-3	TO MATCH SHERWIN WILLIAMS GRIZZLE GRAY (SW7068)
PT-4	TO MATCH PPG PAINTS LEAP FROG (PPG1225-7)
PT-5	TO MATCH PPG PAINTS SUDDENLY SAPPHIRE (PPG1242-7)
PT-6	TO MATCH PPG PAINTS BE SPONTANEOUS (PPG1221-6)
PT-7	TO MATCH PPG PAINTS KING TRITON (PPG1242-5)
PT-8	TO MATCH PPG PAINTS OVERCAST (PPG1242-4)
PT-9	TO MATCH SHERWIN WILLIAMS OVERJOY (SW6689)
PT-10	TO MATCH SHERWIN WILLIAMS QUITE CORAL (SW6614)
PT-11	TO MATCH PPG PAINTS CROWNING GLORY (PPG17-07)
PT-12	TO MATCH PPG PAINTS FALL LEAF (PPG1197-6)

FINISH LISTING - LAMINATES

PLAM-1	WILSONART, STEEL MESH (4879-38)
PLAM-2	WILSONART, WHITE TIGRIS (4783-60)
PLAM-3	WILSONART, RIVER CHERRY (7937-38)
PLAM-4	FORMICA, VIBRANT GREEN (6901-58)
PLAM-5	FORMICA, SPECTRUM BLUE (851-58)

CASEWORK FINISH LEGEND

PLAM-4
PLAM-5

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STATE OF OHIO
EMMA K. PEVOAR 2118434
REGISTERED ARCHITECT
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Expiration Date 12/31/2023

SHP
223 Fairfield Avenue, Ste 100
Bellevue, Kentucky 41073
859.360.1234
1086 North 4th Street, Ste 111
Columbus, Ohio 43201
614.223.7264
312 Plum Street, Ste 700
Cincinnati, Ohio 45202
513.381.2112

WINTON WOODS CITY SCHOOLS
EARLY CHILDOOD RENOVATION
825 WAYCROSS ROAD, CINCINNATI, OH 45240

WINTON WOODS CITY SCHOOLS
825 WAYCROSS ROAD, SUITE A, CINCINNATI, OH 45240

ISSUANCES

04-28-23	BID / PERMIT

INTERIOR ELEVATIONS & DETAILS

DATE 4/28/23
COMM NO. 2021091.02

A641

5/15/2023 9:31:38 AM C:\Users\epevoar\Documents_LFile\2021091.02 Winton Woods Early Childhood Reno_epevoar.rvt

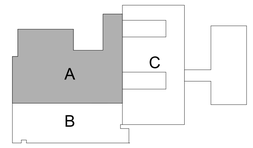
0'-1" REFERENCE LINE

GENERAL NOTES - FURNITURE

A. FURNITURE SHOWN FOR REFERENCE ONLY. ALL LOOSE FURNISHINGS SHOWN ARE NOT INCLUDED WITHIN THIS BID PACKAGE.



1 FC101 FIRST FLOOR FURNITURE COORDINATION PLAN - AREA A
1/8" = 1'-0"



KEY PLAN
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2118434
REGISTERED ARCHITECT
EMMA K. PEVOAR, Lic# 2118434
Expiration Date 12/31/2023

SHP
312 Plum Street, Ste 700
Cincinnati, Ohio 45202
513.381.2112
1086 North 4th Street, Ste 111
Columbus, Ohio 43201
614.223.2264
223 Fairfield Avenue, Ste 100
Bellevue, Kentucky 41073
859.360.1234

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EARLY CHILDOOD RENOVATION
825 WAYCROSS ROAD, CINCINNATI, OH 45240

WINTON WOODS CITY SCHOOLS
825 WAYCROSS ROAD, SUITE A, CINCINNATI, OH 45240

ISSUANCES

04-28-23	BID / PERMIT

FIRST FLOOR FURNITURE COORDINATION PLAN - AREA A

DATE 4/28/23

COMM NO. 2021091.02

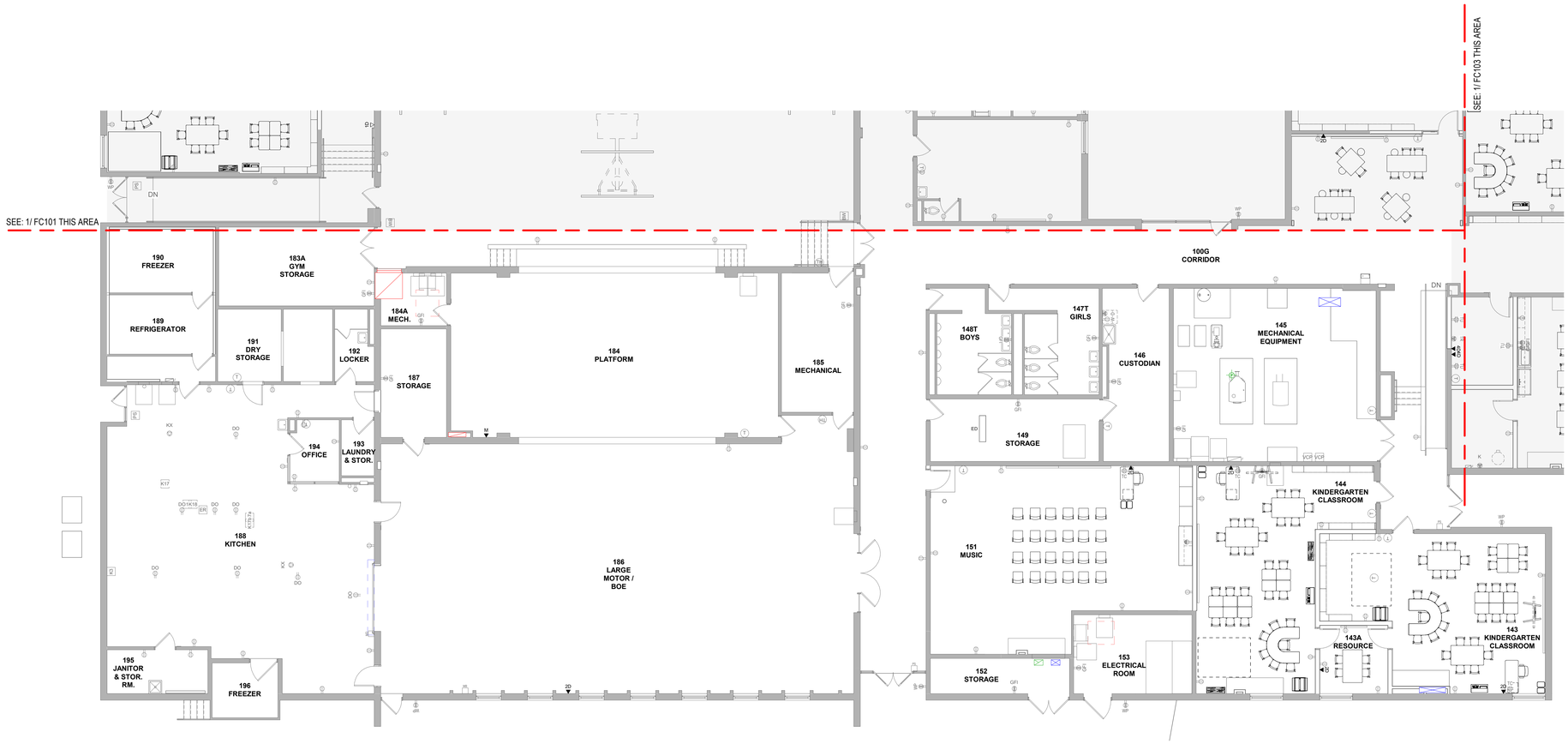
FC101

0"x1" REFERENCE LINE

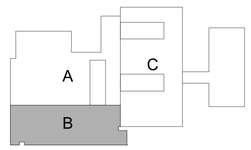
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GENERAL NOTES - FURNITURE

A. FURNITURE SHOWN FOR REFERENCE ONLY. ALL LOOSE FURNISHINGS SHOWN ARE NOT INCLUDED WITHIN THIS BID PACKAGE.



1 / FC102 FIRST FLOOR FURNITURE PLAN - AREA B
1/8" = 1'-0"



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859.360.1234
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614.423.2124
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FIRST FLOOR FURNITURE COORDINATION PLAN - AREA B

DATE 4/28/23

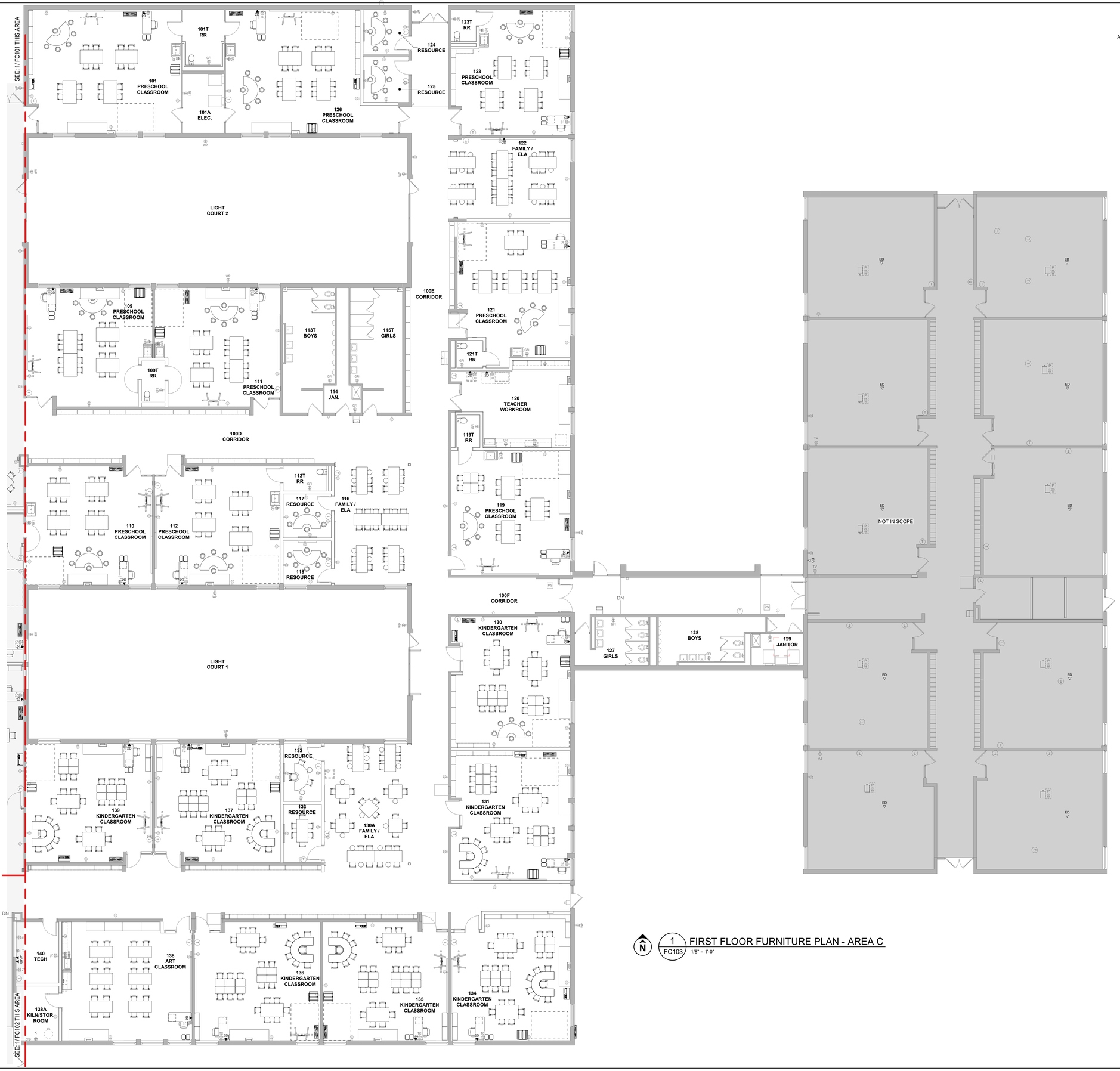
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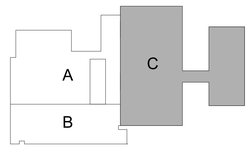
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GENERAL NOTES - FURNITURE

A. FURNITURE SHOWN FOR REFERENCE ONLY. ALL LOOSE FURNISHINGS SHOWN ARE NOT INCLUDED WITHIN THIS BID PACKAGE.



1 / FC103 FIRST FLOOR FURNITURE PLAN - AREA C
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Cincinnati, Ohio 45202
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FIRST FLOOR FURNITURE COORDINATION PLAN - AREA C

DATE 4/28/23

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FC103

"0-1" REFERENCE LINE

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EQUIPMENT SCHEDULE

ITEM NO.	NO. REQ'D	DESCRIPTION		WATER HOT	WATER COLD	WASTE	ELECTRICAL KW.	HP	V/PH	AMPS	CONN.	MTG. HT.	3 PH KW LOAD'G	GAS SIZE	GAS BTU'S	RESPONSIBILITY FURN.	INSTALL	CONN. MC	CONN. PC	CONN. EC	NOTES AND COMMENTS
11	1	FLOOR TROUGH	EXISTING			3"										O.S.	N.A.R.				
12	1	ICE MACHINE – UNDERCOUNTER	EXISTING		1/2"	FT			115/1	6	PLUG	5"AFF				O.S.	G.C.				(12)
13		OPEN NUMBER																			
14		OPEN NUMBER																			
15	1	COMBI OVEN – SINGLE	EXISTING		3/4"	FT	37		208/3	125	DIR	❶ CLNG.				O.S.	G.C.		•	•	(12)
16	2	CONVECTION OVEN – SINGLE	EXISTING						115/1	6	DIR	5"AFF		3/4"	55M	O.S.	G.C.		•	•	(12)
17	1	HOOD SYSTEM – CANOPY	ALTERNATE #06						(2)120/1	2 5	DIR	ABV. CLNG.				O.S.	G.C.		•	•	(1)(2)(3)(4)
	1	EXHAUST FAN	ALTERNATE #06					3	208/3		DIR					O.S.	G.C.		•	•	(1)(4)(5)
	1	MAKE–UP AIR FAN & HEAT	ALTERNATE #06					3	208/3	23.85	DIR	❷ BLDG. ROOF		1"	341.689M	O.S.	G.C.		•	•	(1)(4)(5)(6)
18	1	CONVECTION STEAMER	ALTERNATE #06		(2)3/8" 1/2"	FT	.30		(2)120/1		DIR	5"AFF		3/4"	100M	O.S.	G.C.		•	•	(7)(8)(9)(10)(11)

ⓧ NOTES

1. SEE WRITTEN SPECIFICATIONS AND HOOD PLANS FOR SERVICE REQUIREMENTS AND WORK TO BE PROVIDED BY GENERAL, STRUCTURAL, ROOFING, ELECTRICAL, PLUMBING, AND MECHANICAL CONTRACTORS.
2. E.C. TO PROVIDE 120V 1PH ELECTRICAL CONNECTION TO J–BOX ON TOP OF HOOD CANOPY FOR HOOD LIGHTS.
3. E.C. TO PROVIDE 120V 1PH ELECTRICAL CONNECTION FOR FIRE SUPPRESSION SYSTEM SUPPLY BOX ON HOOD CANOPY.
4. E.C. TO INTER–WIRE CONTROL SWITCHES LOCATED IN WIREWAY (ON FRONT OF HOOD CANOPY) TO HOOD LIGHTS AND HOOD SYSTEM FANS (SEE HOOD DRAWINGS AND SPECIFICATIONS).
5. EXHAUST AND MAKE–UP AIR FANS POWER SUPPLY SHALL BE COMBINED TO A 208V 3PH SINGLE POINT CONNECTION LOCATED ON THE SIDE OF THE MAKE–UP AIR UNIT. SEE HOOD PLANS FOR EXACT LOCATION AND DETAILS.
6. P.C. TO PROVIDE GAS CONNECTION FROM EXISTING GAS PIPING TO STEAMER GAS INLET. P.C. MUST ADD COMPONENTS TO EXISTING GAS PIPING TO ACCOMMODATE GAS CONNECTION TO STEAMER. K.E.C. IS TO SUPPLY MFR. RECOMMENDED GAS HOSE TO P.C. FOR CONNECTION.
7. P.C. MUST ADD COMPONENTS TO EXISTING WATER SUPPLY PIPING TO ADD WATER CONNECTIONS REQUIRED FOR THIS ITEM.
8. EACH COMPARTMENT REQUIRES (1) FILTERED CW CONNECTION AND (1) NON–FILTERED CW CONNECTION.
   P.C. IS TO BRANCH WATER CONNECTIONS TO FILTER AND CONNECTIONS ON STEAMER, AS INSTRUCTED BY STEAMER MFR.
9. G.C. IS TO MOUNT WATER FILTER TO LEFT SIDE (NON–CONTROLS SIDE) OF STEAMER, AS SHOWN ON FOOD SERVICE EQUIPMENT FLOOR PLAN DWG. VERIFY FILTER MOUNTING DETAILS WITH MFR.
10. WATER PRESSURE TO BE 35 PSI MINIMUM, 60PSI MAXIMUM.
11. G.C. IS RESPONSIBLE FOR INSTALLING DRAIN PIPING FROM WASTE CONNECTION ON STEAMER TO EXISTING FLOOR TROUGH & IS TO PROVIDE DRAIN WATER TEMPERING KIT FOR THIS ITEM. DRAIN PIPING FOR THIS ITEM IS TO BE HARD COPPER OR BLACK IRON. P.C. IS TO CONNECT CW TO TEMPERING DEVICE.
12. EXISTING EQUIPMENT; G.C. TO RELOCATE ITEM TO STORAGE LOCATION DESIGNATED BY OWNER FOR DURATION OF HOOD SYSTEM REPLACEMENT. G.C. TO RELOCATE ITEM BACK TO ORIGINAL LOCATION, AS REPRESENTED ON THESE DRAWINGS, ONCE HOOD SYSTEM REPLACEMENT WORK IS COMPLETED.

GENERAL NOTES

FLOOR MOUNTED ELECTRICAL OUTLETS AND "J" BOXES SHALL HAVE TOP OF BOX NO MORE THAN 5"AFF.

OWNER TO SHOW ON ROUGH–IN DRAWINGS; LOCATIONS OF PLUMBING AND ELECTRICAL SERVICES FOR EACH PIECE OF EQUIPMENT PROVIDED BY OWNER. INCLUDE ALL FLOOR DRAINS AND FLOOR SINKS SHOWN ON BID DOCUMENT DRAWING SHEETS. HOOD SYSTEM ROUGH–IN INFORMATION IS EXEMPT TO THIS NOTE.

HOOD SYSTEM ROUGH–IN INFORMATION IS TO BE SHOWN ON HOOD SHOP DRAWING FROM HOOD SYSTEM MANUFACTURER.

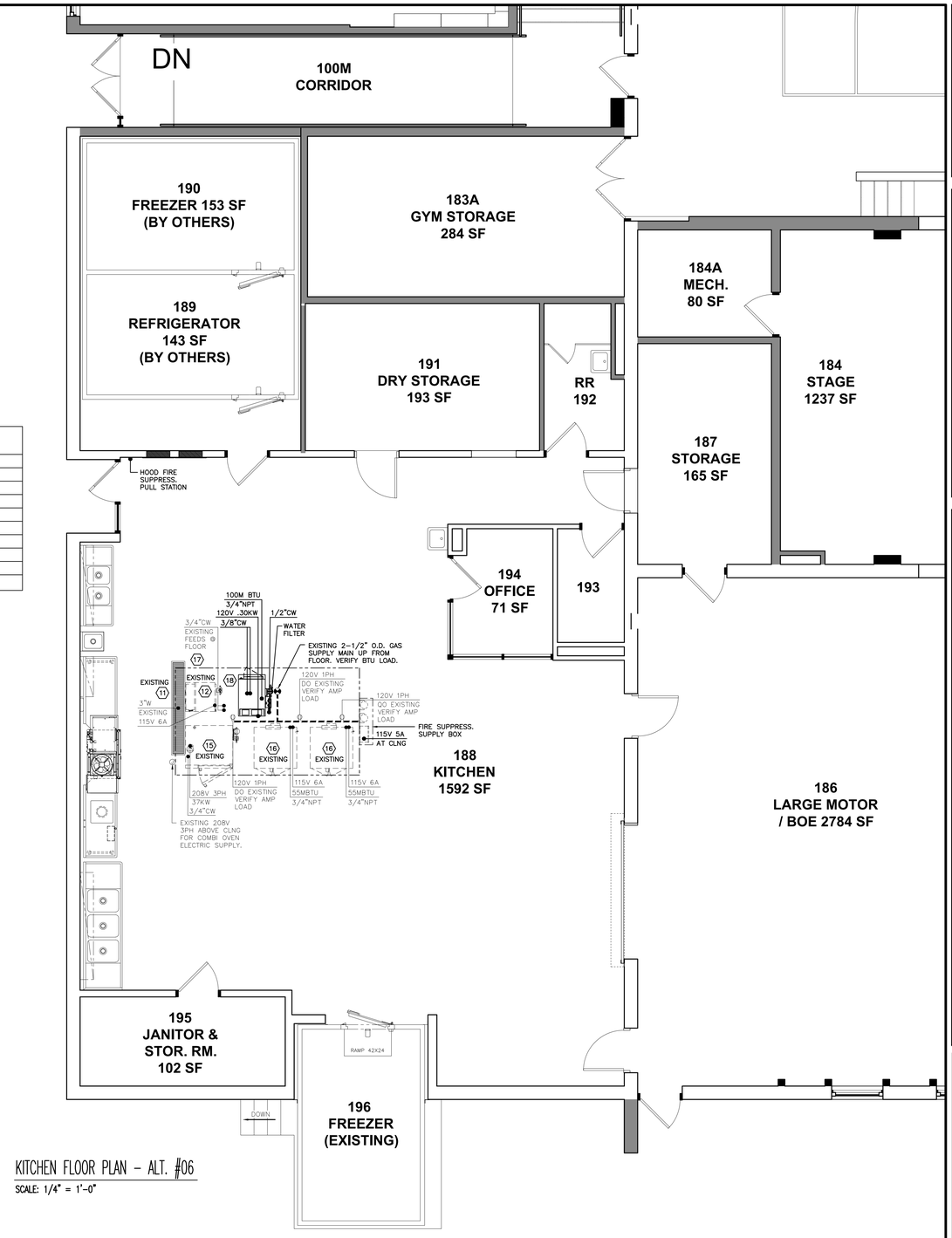
OWNER TO FURNISH COATED QUICK DISCONNECT KITS WITH HOSE KITS SIZED PER MANUFACTURERS RECOMMENDATION FOR EACH PIECE OF GAS COOKING EQUIPMENT PROVIDED BY OWNER FOR THIS CONTRACT.

G.C., E.C., & P.C. MUST VERIFY INFORMATION OF EXISTING EQUIPMENT, ELECTRICAL, MECHANICAL, AND PLUMBING SHOWN ON THESE DRAWINGS BEFORE INSTALLING EQUIPMENT PROVIDED FOR THIS CONTRACT. INFORMATION SHOWN ON THESE DRAWINGS FOR EXISTING UTILITIES MAY NOT BE ACCURATE WITH THE SITE.

WHERE EQUIPMENT REQUIRES DRAIN PIPING, P.C. IS TO PROVIDE DRAIN PIPING FROM EQUIPMENT TO FLOOR SINK OR DIRECT WASTE CONNECTION. DRAIN PIPING IS TO BE HARD COPPER TYPE. UNLESS NOTED OTHERWISE.

ABBREVIATIONS

A	AMPS
AFF	ABOVE FINISHED FLOOR
B.O.	BY OTHERS
B.V.	BY VENDOR
CLNG	CEILING
CW	COLD WATER
DFA	DOWN FROM ABOVE
DIR	DIRECT CONNECTION
DO	DUPLEX OUTLET
E.C.	ELECTRICAL CONTRACTOR
E.D.S.	ENERGY DISTRIBUTION SYSTEM
FD	FLOOR DRAIN
FS	FLOOR SINK
FT	FLOOR TROUGH
FNLD	FUNNEL DRAIN
G	GAS
G.C.	GENERAL CONTRACTOR
HP	HORSEPOWER
HW	HOT WATER
J	JUNCTION BOX
KW	KILOWATT
M.C.	MECHANICAL CONTRACTOR
MCA	MINIMUM CIRCUIT AMPS
MOP	MAXIMUM OVERCURRENT PROTECTION
N.A.C.	NO ACTION REQUIRED
N.I.C.	NOT IN CONTRACT
O.S.	OWNER SUPPLIED
PC	PLUMBING CONTRACTOR
PH	PHASE
QO	QUAD OUTLET
SO	SINGLE PURPOSE OUTLET
V	VOLTS
W	WASTE



KITCHEN FLOOR PLAN – ALT. #06

SCALE: 1/4" = 1'–0"

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614.223.2124

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Bellevue, Kentucky 41073
859.360.1234

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ISSUANCES

08-19-22	80% CD SET

FOOD SERVICE EQUIPMENT FLOOR PLAN

DATE: 4/28/23

COMM NO. 2021091.02

FS101

ALTERNATE #6

©1" REFERENCE LINE

4/27/2023 7:43:19 PM WW EL - KITCH ALT 6 2023-04-27.DWG

SPECIFICATIONS (ITEM #10)

HOOD: (10) Type I canopy exhaust hood, sized as shown on the drawings. Factory to pre-assemble hood sections and furnish fasteners for field assembly.

MATERIAL: 18-gauge type 304 stainless steel #4 finish, where exposed. Double thickness outside end panels solid welded and polished to face with no exposed joints. Filler rack mullion to be back-welded to inside end panel. UL 710 Listed Construction

LIGHTS: (10) Recessed LED light fixtures. UL Listed for use in Type I canopy hoods, factory wired to junction box and switches on wireway.

FILTERS: (16) 25"x20"x2" UL Classified, stainless steel baffle-type grease filters.

BULKHEAD: 18-gauge stainless steel bulkhead between top of hood and ceiling on all exposed sides. Verify ceiling height before construction.

WIREWAY COVER: 18-gauge stainless steel vertical wireway cover, centered on face of hood.

SWITCHES: Oiltight control switches for hood lights and exhaust/supply fans. Mounted on wireway cover.

FAN PACKAGE:
Exhaust fan (1) upblast centrifugal, spun aluminum, belt-driven, UL 762 Listed for use in grease-laden environments, with prewired disconnect switch, tilting base, and grease catch trough. Wheel size to be 24" minimum and rated at 17.9 sones maximum.
Supply air fan (1) centrifugal belt-driven, side inlet type in square housing. Provide prewired disconnect switch, motorized backdraft damper, aluminum air filters, and motor starters for exhaust and supply fans factory-installed within cabinet. Wheel size to be 15" minimum and rated at 20.0 sones maximum. Provide painted exterior for supply air fan.

ROOF CURBS: 18-gauge welded galvanized steel, internally insulated, and equipment support rail, set for flat roof. Verify roof pitch and direction before construction.

FURNACE: Direct-fired gas furnace to be a modular attachment to the supply fan. Unit set for 7" WC minimum pressure at rated flow, 14" WC maximum, 1" gas supply connection. Furnace control to be electronic spark ignition. Furnace includes all controls with duct stat, and disconnect switch. Painted exterior to match fan package.

FAN DISCHARGE: 10'-0" minimum from any building inlet and 40" above building roof.

EXHAUST DUCT: 16-gauge welded black iron exhaust duct, with continuous liquid-tight external welds at all seams and joints. Provide 1/4" per foot minimum slope toward hood on all horizontal duct runs. Provide cleanouts every 10'-0" of duct length or at every change of direction, as required per code.

EXHAUST DUCT WRAP: Exhaust ducts serving type I hoods shall be installed with a rated duct wrap system meeting ASTM E2336 Standards, from the point of ceiling penetration (or duct connection) at the hood, to the termination of the duct at the exhaust fan (or exit of the duct from the building). The duct wrap system shall be installed in strict accordance with the system's listing and the manufacturer's instructions for 2 hour rated system 0" clearance to combustible and grease duct installation. System requires two layers of 1.5" uncompressed insulation. Insulation to be banded to the duct with steel banding straps. Penetration of rated walls and floors shall be fire-stopped in accordance with the system manufacturer's installation instructions.

MAKE-UP AIR DUCT: Light gauge steel construction per SMACNA low pressure standards.

PLENUMS: Make-up air plenums at ceiling level, as shown on the drawing. Plenum to be constructed of white clad steel with stainless steel perforated face diffusers.

MAKE-UP AIR TAPS IN PLENUM: Flex duct connections, spin-in type, each with balancing damper.

FIRE CONTROL SYSTEM: (1) UL 300 Listed, liquid chemical type. System to provide hood, duct, and required surface protection. System includes mechanical gas valve (verify gas line size), dual microswitch, and remote manual pull station. Piping to be stainless steel or chrome, where exposed. Fire system to be mounted in cabinet on end of hood.

SYSTEM ACTUATION CONTROL and APPLIANCE INTERLOCK: Hood to include an "Auto-Start" control system as required by the International Mechanical Code, as adopted by state and local agencies. Control to monitor the differential between room ambient and hood interface temperature, activating the hood system fans if the temperature differential should exceed a preset limit. Hood system will turn off 30 minutes after hood temperature has cooled below the preset limit. Solid state control to monitor up to eight hood locations with all set point and time during adjustment made at a single point.

EXHAUST SYSTEM WORK BY OTHER TRADES:

GENERAL CONTRACTOR: Disconnect and remove existing exhaust fan and curb from roof. Coordinate with General, Electrical, HVAC, and Plumbing contract documents.

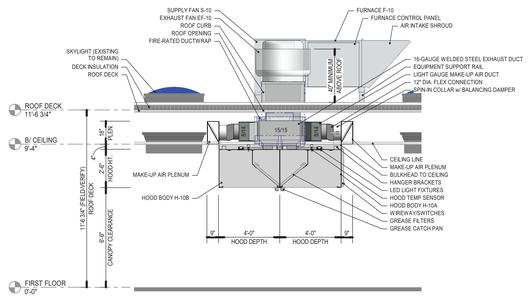
ROOFING CONTRACTOR: Provide roof deck openings. Set in place and flash (with cant if required) roof curbs and equipment support rail furnished by the hood system manufacturer. Resize existing roof deck opening as required.

STRUCTURAL CONTRACTOR: Frame roof curb openings as required. Coordinate joist or structural member installation to provide required clearances for ductwork and shaft assemblies.

ELECTRICAL CONTRACTOR: (Hood System Requirements) Provide 120/60/1 20-amp circuit, for hood lights and controls to junction box on top of hood. Provide 3-phase circuit (for fan motors) to disconnect switch mounted on exterior of supply fan) to contactor. Extend power wiring from motor starter panel (mounted on exterior of supply fan) to connection point on exhaust fan. Provide conduit and four wires from terminal block on hood control panel to terminal block on supply fan motor starter panel. This work must be in accordance with the NEC.

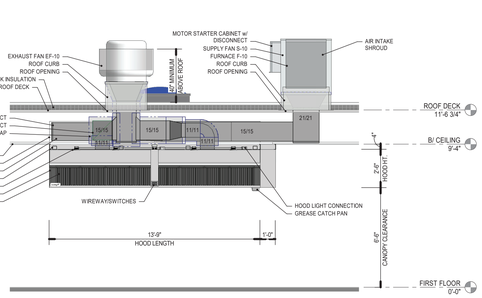
ELECTRICAL CONTRACTOR: (Fire Protection System Requirements)Provide conduit and three wires from terminal block on hood control panel to microswitch of fire protection system. Interlock wiring of the supply fan's motor control device through the fire system microswitch, shutting off supply air in the event of fire system actuation. Exhaust fan(s) to remain running in the event of fire system activation. Furnish and install a 4" octagonal box for the fire system pull station, mounting the centerline of the box at 48" above the finished floor. Run 1/2" only conduit (with no bends) from the top of the box to 6" above the ceiling. If installed in a wall, the area around the 1/2" conduit should be notched or set back to allow the pulley elbow fitting for the pull station to be installed. Connections for the fire system wiring must be made in a junction box on the outside of the fire system cabinet. Furnish and install automatic power shut-off devices (shunt trip breakers or definite purpose contactors) with interlock to fire system microswitch, shutting off all power below the hood (including control voltage) in the event of fire system actuation. This work must be in accordance with NFPA 17A and the NEC.

MECHANICAL CONTRACTOR: Provide net room air demand as indicated on the hood system drawings. This air volume is required only when hood system is in operation. Provide normal heating and cooling of the kitchen area. High velocity diffusers or HVAC returns should not be placed within ten (10) feet of exhaust hood. Perforated diffusers are recommended. Install gas valve (supplied with the fire suppression system) in the main supply line serving the cooking equipment to shut off gas service to the cooking equipment in the event of fire system actuation. Provide and install service to gas-fired furnace on building roof.



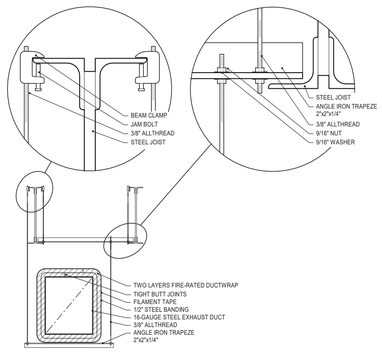
ELEVATION WITH HOOD SECTION (ITEM #10)

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



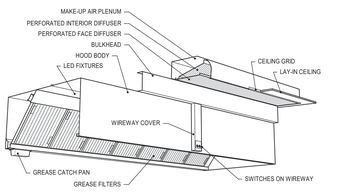
HOOD SYSTEM ELEVATION (ITEM #10)

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



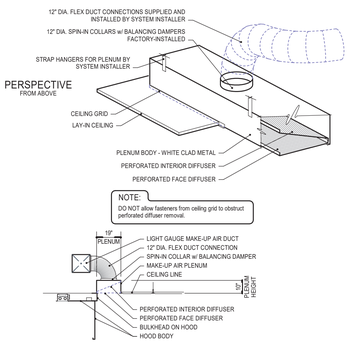
EXHAUST DUCT INSTALLATION DETAIL

NO SCALE



EH HOOD PERSPECTIVE

NO SCALE

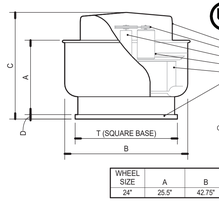


SECTION AT HOOD/PLENUM

NO SCALE

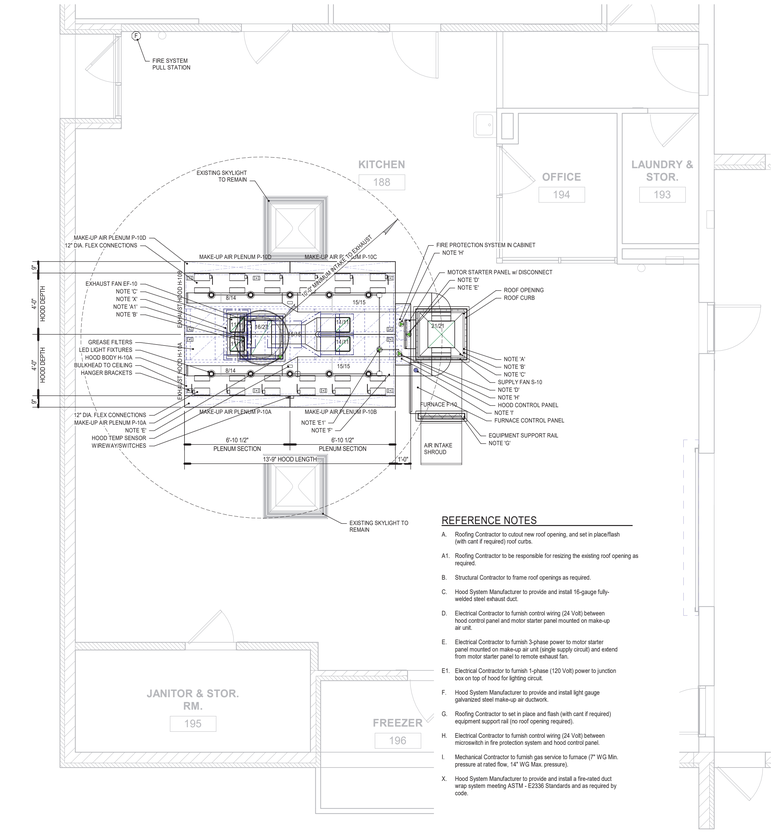
TYPICAL PLENUM INSTALLATION DETAIL

NO SCALE



HINGE KIT/FIRE WRAP TO TERMINATION DETAIL

NO SCALE



FIRST FLOOR REFLECTED EXHAUST SYSTEM PLAN

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

REFERENCE NOTES

- A. Roofing Contractor to cutout new roof opening, and set in place/flash (with cant if required) roof curbs.
- A1. Roofing Contractor to be responsible for resizing the existing roof opening as required.
- B. Structural Contractor to frame roof openings as required.
- C. Hood System Manufacturer to provide and install 18-gauge fully-welded steel exhaust duct.
- D. Electrical Contractor to furnish control wiring (24 Volt) between hood control panel and motor starter panel mounted on make-up air unit.
- E. Electrical Contractor to furnish 3-phase power to motor starter panel mounted on make-up air unit (single supply circuit) and extend from motor starter panel to remote exhaust fan.
- E1. Electrical Contractor to furnish 1-phase (120 Volt) power to junction box on top of hood for lighting circuit.
- F. Hood System Manufacturer to provide and install light gauge galvanized steel make-up air ductwork.
- G. Roofing Contractor to set in place and flash (with cant if required) equipment support rail (no roof opening required).
- H. Electrical Contractor to furnish control wiring (24 Volt) between microswitch in fire protection system and hood control panel.
- I. Mechanical Contractor to furnish gas service to furnace (7" WG Min. pressure at rated flow, 14" WG Max. pressure).
- X. Hood System Manufacturer to provide and install a fire-rated duct wrap system meeting ASTM - E2336 Standards and as required by code.

Motor compartment to be provided with forced air cooling, with compartment sealed against contaminated exhaust air.

All aluminum wheel with non-overloading backward inclined blades.

Spun aluminum corrosion-resistant housing, mounted on a heavy duty steel substructure.

Ball bearing drive, prelubricated, mounted inside motor compartment outside air stream.

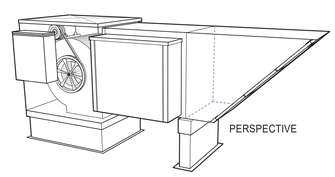
Units to be of Type B construction.

Junction box, externally mounted on the fan body, factory prewired for field access.

WHEEL SIZE	A	B	C	D	T	WEIGHT
24"	25.5"	42.75"	33.875"	1.75"	34"x34"	184 lb

EXHAUST FAN DETAIL

NO SCALE



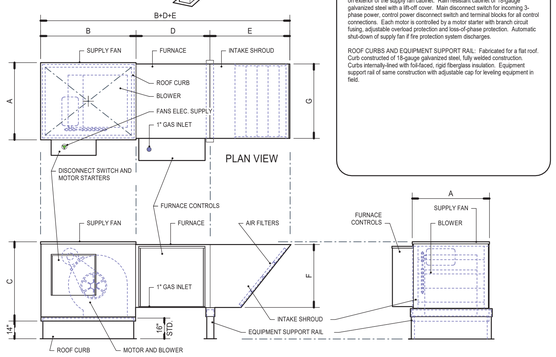
SPECIFICATIONS:

SUPPLY FAN: Fan cabinet constructed of 18-gauge galvanized steel. Forward curved double width, double inlet blower wheel. Die stamped steel housing. 1" steel shaft with sealed ball bearings in rubber mountings. ODP-style motor on adjustable base plate. Belt drive, cast iron pulleys with adjustable drive. Motorized backdraft damper and washable aluminum filters.

DIRECT-FIRED GAS FURNACE: Modular furnace unit to be constructed to match supply fan. Entire make-up air unit to be ETL Listed to ANSI Z83.4-1999 and Z83.4-2001 standards. Low emission, burner of cast aluminum with stainless steel mixing plates. Burner rated for 30:1 turndown ratio. Adjustable profile plate allows adjustment of airflow. All heater controls are housed in a raintight cabinet with lift-off door. Burner ignition to be direct spark igniter. Burner operation controlled by solid state flame safety controller. Discharge temperature controlled by Maxitrol modulating gas valve system. Discharge temperature adjustable between 50°F to 90°F. Intake air thermostat shuts off heater in mild weather. Unit set for 7" WC minimum pressure at rated flow, 14" WC maximum, 1" gas supply connection.

MOTOR STARTER PANEL: Factory pre-wired motor starter panel-mounted on exterior of the supply fan cabinet. Rain resistant cabinet of 18-gauge galvanized steel with a lift-off cover. Main disconnect switch for incoming 3-phase power, control power disconnect switch and terminal blocks for all control connections. Each motor is controlled by a motor starter with branch circuit fusing, adjustable overload protection and loss-of-phase protection. Automatic shut-down of supply fan if fire protection system discharges.

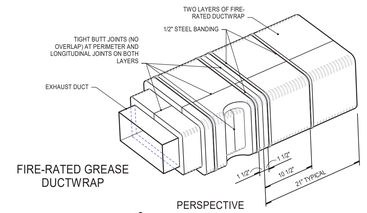
ROOF CURBS AND EQUIPMENT SUPPORT RAIL: Fabricated for a flat roof. Curb constructed of 18-gauge galvanized steel, fully welded construction. Curbs internally-lined with foil-faced, rigid fiberglass insulation. Equipment support rail of same construction with adjustable cap for leveling equipment in field.



A	B	C	D	E	F	G	FAN WEIGHT	FURNACE WEIGHT	CURB/RAIL WEIGHT	TOTAL UNIT WEIGHT
40"	40"	43.5"	44"	38"	36.25"	32"	294 lb	158 lb	60 lb	512 lb

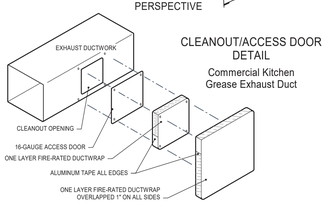
SUPPLY FAN AND FURNACE DETAIL

NO SCALE



FIRE-RATED GREASE DUCTWRAP

PERSPECTIVE

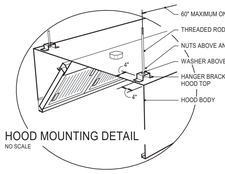


CLEANOUT/ACCESS DOOR DETAIL

Commercial Kitchen Grease Exhaust Duct

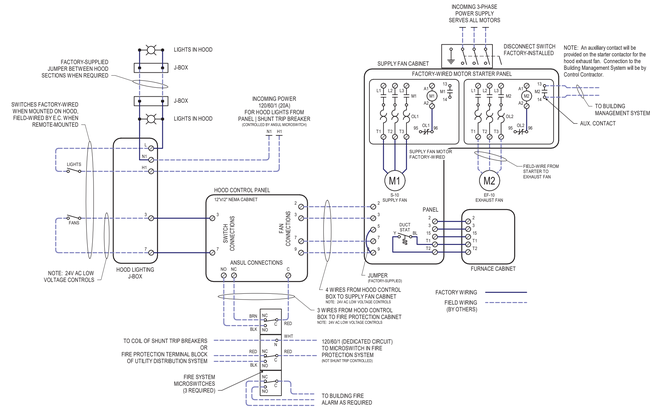
FIRE-RATED GREASE DUCTWRAP/ ACCESS DOOR DETAILS

NO SCALE



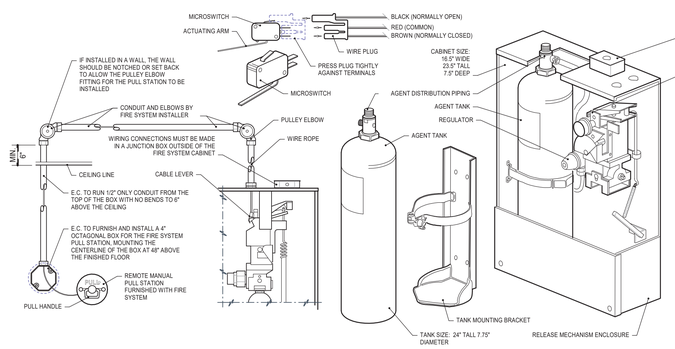
HOOD MOUNTING DETAIL

NO SCALE



WIRING DIAGRAM (ITEM #10)

NO SCALE



UL 300 LISTED FIRE PROTECTION SYSTEM

NO SCALE

FAN NO.	HOOD SERVED	ROOF OPENING	FAN TYPE	WHEEL SIZE	SONES	CFM	STATIC PRESS.	WEIGHT	MOTOR SIZE	VOLTAGE/ PHASE
EF-10	H-10A,B	30"x30"	EXHAUST	24"	17.9	5,780	1.13 in-wg	184 lb	3 hp	208/60/3
S-10	H-10A,B	36"x36"	SUPPLY	15"	20.0	4,624	1.50 in-wg	512 lb	3 hp	208/60/3

FURNACE	TYPE	INPUT BTU	CONTROL CIRCUIT	UNIT WEIGHT
F-10	DIRECT	341,689	120/60/1	158 lb

			EXHAUST AIR			
HOOD	HOOD SIZE	WEIGHT	EXHAUST CFM	EXHAUST DUCT SIZE	EXHAUST DUCT VELOCITY (FPM)	EXHAUST S.P.
H-10A	13'-9"x4'-0"	413 lb	2,890	(2) 11"x11"	1,720	0.63 in-wg
H-10B	13'-9"x4'-0"	413 lb	2,890	(2) 11"x11"	1,720	0.63 in-wg
TOTAL EXHAUSTED CFM:			5,780			

			SUPPLY AIR			
PLENUM	HOOD SERVED	PLENUM SIZE	SUPPLY CFM	SUPPLY AIR DUCT SIZE	SUPPLY DUCT VELOCITY (FPM)	SUPPLY S.P.
P-10A	H-10A	6'-10 1/2"x0'-9"	1,156	(3) 12" DIA.	491	0.25 in-wg
P-10B	H-10A	6'-10 1/2"x0'-9"	1,156	(3) 12" DIA.	491	0.25 in-wg
P-10C	H-10B	6'-10 1/2"x0'-9"	1,156	(3) 12" DIA.	491	0.25 in-wg
P-10D	H-10B	6'-10 1/2"x0'-9"	1,156	(3) 12" DIA.	491	0.25 in-wg
TOTAL SUPPLY CFM:			4,624			

SYSTEM TOTALS		
EXHAUSTED AIR		**5,780**
TEMPERED SUPPLY AIR	**(80%)**	**4,624**
REQUIRED AIR THRU BUILDING SOURCES		**1,156**

0"x1" REFERENCE LINE

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SHP
312 Plum Street, Ste 700
Cincinnati, Ohio 45202
513.381.2112
1086 North 4th Street, Ste 111
Columbus, Ohio 43201
614.423.2124
223 Fairfield Avenue Ste 100
Bellevue, Kentucky 41073
859.360.1234

WINTON WOODS CITY SCHOOLS
EARLY CHILDHOOD RENOVATION
825 WAYCROSS ROAD, SUITE A, CINCINNATI, OH 45240

WINTON WOODS CITY SCHOOLS
825 WAYCROSS ROAD, SUITE A, CINCINNATI, OH 45240

ISSUANCES

04-28-23	BID / PERMIT

FOOD SERVICE EXHAUST SYSTEM DETAILS

DATE 4/28/23

COMM NO. 2021091.02

FS102

4/27/2023 5:41:02 PM S:\aaaFolders_CONSTRUCTION\Winton Woods CSD\Early Childhood Renovation (Intermediate)\Wet Line Addition 04-2021\WWELC_KITC-Exhst_v23.2022-09-29.rvt

TEMPORARY SHORING NOTES :

TEMPORARY SHORING WILL BE NECESSARY IN MANY WAYS FOR THIS PROJECT, INCLUDING BUT NOT LIMITED TO: SHORING EXISTING FLOORS, EXISTING ROOF, AND STABILIZING EXISTING WALLS TEMPORARILY.

A COMPREHENSIVE SHORING PLAN SEALED BY AN ENGINEER REGISTERED IN THE STATE OF OHIO FOR REVIEW. THIS SUBMITTAL SHOULD INCLUDE CALCULATIONS, PLAN SHEETS, AND SECTIONS TO DESCRIBE THE WORK.

GENERAL LINTEL NOTES :

HOT-DIP GALVANIZE ALL EXTERIOR WALL LINTELS AFTER FABRICATION (ALL ANGLES AND BEAMS WITH PLATES)

GROUT SOLID UNDER ALL LINTEL BEARINGS. GROUT TO EXTEND FULL LENGTH OF BEARING & A MINIMUM OF (3) COURSES (24") VERTICALLY BELOW EACH BEARING POINT.

PREP AND FIELD PAINT ALL EXPOSED LINTELS PER ARCHITECTURAL INSTRUCTIONS

PROVIDE CONTINUOUS PAINTABLE SEALANT BEAD BETWEEN EDGE OF STEEL AND SUPPORTED MASONRY

PROVIDE LOOSE L 6x3 1/2x3/8 LINTELS FOR EACH 4" WIDTH OF CMU WALL FOR ALL UN-SCHEDULED MECHANICAL, PLUMBING, AND ELECTRICAL OPENINGS LARGER THAN 12" WIDE IN CMU WALLS. ALSO PROVIDE LINTELS IN OPENINGS < 12" WIDE WHERE ANY PORTION OF THE OPENING IS WITHIN 6"(HORIZONTALLY) AND 24"(VERTICALLY) OF A JOIST OR BEAM BEARING. COORDINATE WITH MECHANICAL CONTRACTOR.

MASONRY OPENINGS TO BE FOUND ON ARCH'L DRAWINGS.

GENERAL FOUNDATION NOTES :

ANY NEW CONCRETE SLABS ON GRADE TO BE MINIMUM OF 4" CONCRETE SLAB w/ (1) LAYER 6x6 W2.9xW2.9 MESH (CENTERED IN SLAB DEPTH) ON 6" (min) GRANULAR BASE. CONTROL JOINT SPACING SHALL NOT EXCEED 10'-0" IN EITHER DIRECTION (UNO).

WHERE APPLICABLE, PROVIDE THICKENED SLABS UNDER NEW MASONRY PARTITIONS NOT SHOWN RECEIVING A FOOTING.

GENERAL ROOF FRAMING NOTES :

STRUCTURAL STEEL SHAPES SHALL BE: W SHAPES ASTM A992, PIPES A53, TUBING ASTM A500 GRADE 'B', ANGLE ASTM A36.

ALL ROOF DECK ON NEW OVER-ROOF UNIT FRAMES SHALL BE 1 1/2" x 22 ga WIDE RIB GALVANIZED (G60) METAL ROOF DECK FASTENED TO SUPPORTS w/ #12 SCREWS IN A 36/7 PATTERN & (4) #10 'TEK' SCREWS @ SIDELAPS BETWEEN SUPPORTS.

STRUCTURAL DESIGN LOADS

FOUNDATION DESIGN CRITERIA:

MAXIMUM ALLOWABLE SOIL BEARING PRESSURE SHALL NOT EXCEED 1,500 PSF.

VERIFY BEARING CAPACITY OF SOIL PRIOR TO PLACEMENT OF FOOTINGS. PROVIDE COPIES OF INSPECTION AND COMPACTION REPORTS PREPARED BY A QUALIFIED GEOTECHNICAL ENGINEER.

FLOOR DESIGN LOADS (OBC 2017):

LIVE LOAD:
- = 125 psf - Mechanical Rooms (Includes Equipment and 4" Concrete Housekeeping Pads)
- = 125 psf - Storage
- = 100 psf - Assembly Areas, Stairways and Landings, 1st Floor Corridors
- = 80 psf - Corridors Above 1st Floor
- = 50 psf - Offices

HANDRAIL, GUARDRAIL, & GRAB BARS (ASCE 7-10):

LIVE LOAD:
- = 50 plf or 200 lbs. any direction - Handrails and Guardrails
- = 250 lbs. any direction - Grab Bars
- = 50 lbs. 12"x12" area - Intermediate Rails

DEFLECTION LIMITS (OBC 2017):

Roof:
- = L/360 LL, SL, WL - L/240 TL - Rigid ceiling
- = L/240 LL, SL, WL - L/180 TL - Non-Rigid ceiling

Floor:
- = L/360 LL - L/240 TL

Exterior walls:
- = L/600 WL - Masonry
- = L/360 WL - Rigid finishes
- = L/240 WL - Non-Rigid finishes

Interior walls:
- = L/360 LL - Rigid finishes
- = L/240 LL - Non-Rigid finishes

ROOF DESIGN LOADS (OBC 2017):

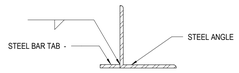
Minimum Roof Live Load = 20 psf

SNOW LOAD (ASCE 7-10):
Ground Snow Load, pg = 20 psf
Flat Roof Snow Load, pf = 15.4 psf
Minimum Value for Low-Slope Roofs, pf = 22 psf
Snow Importance Factor, IS = 1.1
Thermal Factor, Ct = 1.0
Exposure Factor, Ce = 1.0
Rain-on-Snow Surcharge (Slope < ½"/ft) = 5.0 psf

WIND LOAD (ASCE 7-10):
Basic Wind Speed (3 second gust), V = 120 mph
Wind Importance Factor, IW = 1.0
Wind Exposure B
Internal Pressure Coefficient = +/- 0.18
Net Wind Uplift on Joists = 8.43 psf

LINTEL SCHEDULE

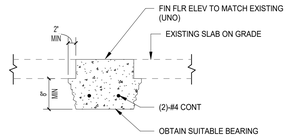
MARK	DESCRIPTION	BEARING	SHAPE	COMMENTS
L-1	(2) L4 x 3 1/2 x 5/16	8"	⅃L	
L-2	(2) L5 x 3 1/2 x 5/16	8"	⅃L	
L-3	(3) L5 x 3 1/2 x 5/16	8"	⅃⅃L	
L-4	WT7 x 11	8"	⊥	



NOTE: BAR/TAB IS 1/4" THICK & CONTINUOUS THE FULL WIDTH OF THE ROUGH OPENING.

ANGLE TAB DETAIL

NO SCALE



TYPICAL SLAB REPAIR/INFILL AT NEW UNDERSLAB PLUMBING LINES

SCALE : 3/4" = 1' - 0"

MATERIALS AND WORK REQUIRING SPECIAL INSPECTIONS

(PER 2017 OHIO BUILDING CODE)

1. INSPECTION OF FABRICATORS
   UNLESS EXEMPT BY CODE SECTION 1705.2, THE SPECIAL INSPECTOR SHALL VERIFY THAT THE FABRICATOR MAINTAINS DETAILED FABRICATION AND QUALITY CONTROL PROCEDURES THAT PROVIDE A BASIS FOR INSPECTION CONTROL OF THE WORKMANSHIP AND THE FABRICATOR'S ABILITY TO CONFORM TO APPROVED CONSTRUCTION DOCUMENTS AND REFERENCED STANDARDS. THE SPECIAL INSPECTOR SHALL REVIEW THE PROCEDURES FOR COMPLETENESS AND ADEQUACY RELATIVE TO THE CODE REQUIREMENTS FOR THE FABRICATOR'S SCOPE OF WORK.
2. STEEL CONSTRUCTION
   SPECIAL INSPECTIONS AND NONDESTRUCTIVE TESTING OF STRUCTURAL STEEL ELEMENTS IN BUILDINGS, STRUCTURES AND PORTIONS THEREOF SHALL BE IN ACCORDANCE WITH THE QUALITY ASSURANCE INSPECTION REQUIREMENTS OF AISC 360.
3. CONCRETE CONSTRUCTION
   UNLESS EXEMPT BY CODE SECTION 1705.3 THE SPECIAL INSPECTIONS AND VERIFICATIONS FOR CONCRETE CONSTRUCTION SHALL BE AS REQUIRED BY TABLE 1705.3.
4. SOILS (PERFORMED BY SITE TESTING AGENCY)
   SOILS SHALL BE INSPECTED AND EVALUATED IN ACCORDANCE WITH THE REQUIREMENTS OF TABLE 1705.6. REFER TO DRAWING S100 FOR ALLOWABLE SOIL BEARING PRESSURE VERIFICATION.

TABLE N5.6-1
INSPECTION TASKS PRIOR TO BOLTING

INSPECTION TASK PRIOR TO BOLTING	QC	QA
MANUFACTURER'S CERTIFICATIONS AVAILABLE FOR FASTENER MATERIALS	O	P
FASTENERS MARKED IN ACCORDANCE WITH ASTM REQUIREMENTS	O	O
PROPER FASTENERS SELECTED FOR THE JOINT DETAIL (GRADE, TYPE, BOLT LENGTH IF THREADS ARE TO BE EXCLUDED FROM SHEAR PLANE)	O	O
PROPER BOLTING PROCEDURE SELECTED FOR JOINT DETAIL	O	O
CONNECTING ELEMENTS, INCLUDING THE APPROPRIATE FAYING SURFACE CONDITION & HOLE PREPARATION, IF SPECIFIED, MEET APPLICABLE REQUIREMENTS	O	O
PRE-INSTALLATION VERIFICATION TESTING BY INSTALLATION PERSONNEL OBSERVED & DOCUMENTED FOR FASTENER ASSEMBLIES & METHODS USED	P	O
PROPER STORAGE PROVIDED FOR BOLTS, NUTS, WACHERS & OTHER FASTENER COMPONENTS	O	O

TABLE N5.4-2
INSPECTION TASKS DURING BOLTING

INSPECTION TASK DURING BOLTING	QC	QA
FASTENER AESSEMBLIES, OF SUITABLE CONDITION, PLACED IN ALL HOLES & WASHERS (IF REQUIRED) ARE POSITIONED AS REQUIRED	O	O
JOINT BROUGHT TO THE SNUG-TIGHT CONDITION PRIOR TO PRETENSIONING OPERATION	O	O
FASTENER COMPONENT NOT TURNED BY THE WRENCH PREVENTED FROM ROTATING	O	O
FASTENERS ARE PRETENSIONED IN ACCORDANCE WITH THE RCSC SPECIFICATION, PROGRESSING SYSTEMATICALLY FROM THE MOST RIGID POINT TOWARD THE FREE EDGES	O	O

TABLE N5.4-3
INSPECTION TASKS AFTER BOLTING

INSPECTION TASK AFTER BOLTING	QC	QA
DOCUMENT ACCEPTANCE OR REJECTION OF BOLTED CONNECTIONS	P	P

Table 1705.3 (2017 OHIO BUILDING CODE)
REQUIRED SPECIAL INSPECTIONS AND TESTS OF CONCRETE CONSTRUCTION

TYPE	CONTINUOUS	PERIODIC	REFERENCED STANDARD [a]	IBC REFERENCE
1. Inspect reinforcement, including prestressing tendons, and verify placement.	-	X	ACI 318 Ch. 20, 25.2, 25.3, 26.6.1-26.6.3	1908.4
2. Reinforcing bar welding: a. Verify weldability of reinforcing bars other than ASTM A706; b. Inspect single-pass fillet welds, maximum 5/16"; and c. Inspect all other welds	 X	 X X	 AWS D1.4 ACI 318: 26.6.4	-
3. Inspect anchors cast in concrete.	-	X	ACI 318: 17.8.2	-
4. Inspect anchors post-installed in hardened concrete members. b a. Adhesive anchors installed in horizontally or upwardly inclined orientations to resist sustained tension loads. b. Mechanical anchors and adhesive anchors not defined in 4.a.	X	 X	ACI 318: 17.8.2.4 ACI 318: 17.8.2	-
5. Verify use of required design mix.	-	X	ACI 318: Ch. 19, 26.4.3, 26.4.4	1904.1/2 & 1908.2/3
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 C172 ASTM C31 ACI 318: 26.4, 26.12	1908.10
7. Inspect concrete and shotcrete placement for proper application techniques.	X	-	ACI 318: 26.5	1908.6, 1908.7, 1908.8
8. Verify maintenance of specified curing temperature and techniques.	-	X	ACI 318: 26.5.3-26.5.5	1908.9
9. Inspect prestressed concrete for: a. Application of prestressing forces; and b. Grouting of bonded prestressing tendons.	X X	- -	ACI 318: 26.10	-
10. Inspect erection of precast concrete members.	-	X	ACI 318: Ch. 26.8	-
11. 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.	-	X	ACI 318: 26.11.2	-
12. Inspect formwork for shape, location and dimensions of the concrete member being formed.	-	X	ACI 318: 26.11.1.2(b)	-

For SI: 1 inch = 25.4 mm.
a. Where applicable, see also Section 1705.12, Special inspection 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 17.8.2 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 *submitted* to the building official prior to the commencement of the work.

Table 1705.6 (2017 OHIO BUILDING CODE)
REQUIRED SPECIAL INSPECTIONS AND TESTS OF SOILS

TYPE	CONTINUOUS SPECIAL INSPECTION	PERIODIC SPECIAL INSPECTION
1. Verify materials below shallow foundations 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. Verify use of proper materials, densities and lift thicknesses during placement and compaction of compacted fill.	X	-
5. Prior to placement of compacted fill, inspect subgrade and verify that site has been prepared properly.	-	X

Table 1705.2.2 (2012 INTERNATIONAL BUILDING CODE)
REQUIRED VERIFICATION AND INSPECTION OF STEEL CONSTRUCTION OTHER THAN STRUCTURAL STEEL

APPLICABLE (Unless noted N/A)	VERIFICATION AND INSPECTION	CONTINUOUS	PERIODIC	REFERENCED STANDARD [a]
	1. MATERIAL FERIFICATION OF COLD-FORMED STEEL DECK:			
	a. IDENTIFICATION MARKINGS TO CONFORM TO ASTM STANDARDS SPECIFIED IN THE APPROVED CONSTRUCTION DOCUMENTS	-	X	APPLICABLE ASTM MATERIAL STANDARDS
	b. MANUFACTURER'S CERTIFIED TEST REPORTS	-	X	-
	2. INSPECTION OF WELDING:			
	a. COLD-FORMED STEEL DECK:			
	1) FLOOR & ROOF DECK WELDS	-	X	AWS D1.3

TABLE N5.4-1
INSPECTION TASKS PRIOR TO WELDING

INSPECTION TASK PRIOR TO WELDING	QC	QA
WELDING PROCEDURE SPECIFICATIONS (WPSs) AVAILABLE	P	P
MANUFACTURER CERTIFICATIONS FOR WELDING CONSUMABLES AVAILABLE	P	P
MATERIAL IDENTIFICATION (TYPE/GRADE)	O	O
WELDER INDENTIFICATION SYSTEM (1)	O	O
FIT-UP OF GROOVE WELDS (INCLUDING GEOMETRY) • JOINT PREPARATION • DIMENSIONS (ALIGNMENT, ROOT OPENING, ROOT FACE, BEVEL) • CLEANLINESS (CONDITION OF STEEL SURFACES) • TACKING (TACK WELD QUALITY & LOCATION) • _BACKING TYPE & FIT (IF APPLICABLE)_	O	O
CONFIGURATION & FINISH OF ACCESS HOLES	O	O
FIT-UP OF GROOVE WELDS (INCLUDING GEOMETRY) • DIMENSIONS (ALIGNMENT, GAPS AT ROOT) • CLEANLINESS (CONDITION OF STEEL SURFACES) • TACKING (TACK WELD QUALITY & LOCATION)	O	O
CHECK WELDING EQUIPMENT	O	-

(1) THE FABRICATOR OR ERECTOR, AS APPLICABLE, SHALL MAINTAIN A SYSTEM BY WHICH A WELDER WHO HAS WELDED A JOINT OR MEMBER CAN BE IDENTIFIED. STAMPS, IF USED, SHALL BE LOW-STRESS TYPE

TABLE N5.4-2
INSPECTION TASKS DURING WELDING

INSPECTION TASK DURING WELDING	QC	QA
USE OF QUALIFIED WELDERS	O	O
CONTROL & HANDLING OF WELDING CONSUMABLES • PACKAGING • _EXPOSURE CONTROL_	O	O
NO WELDING OVER CRACKED TACK WELDS	O	O
ENVIRONMENTAL CONDITIONS • WIND SPEED WITHIN LIMITS • _PRECIPITATION & TEMPERATURE_	O	O
WPS FOLLOWED • SETTINGS ON WELDING EQUIPMENT • TRAVEL SPEED • SELECTED WELDING MATERIALS • SHIELDING GAS TYPE/FLOW RATE • PREHEAT APPLIED • INTERPASS TEMPERATURE MAINTAINED (MIN./MAX.) • _PROPER POSITION (F,V,H,OH)_	O	O
WELDING TECHNIQUES • INTERPASS & FINAL CLEANING • EACH PASS WITHIN PROFILE LIMITATIONS • _EACH PASS MEETS QUALITY REQUIREMENTS_	O	O

TABLE N5.4-3
INSPECTION TASKS AFTER WELDING

INSPECTION TASK AFTER WELDING	QC	QA
WELDS CLEANED	O	O
SIZE, LENGTH & LOCATION OF WELDS	P	P
WELDS MEET VISUAL ACCEPTANCE CRITERIA • CRACK PROHIBITION • WELD/BASE-METAL FUSION • CRATE CROSS SECTION • WELD PROFILES • WELD SIZE • UNDERCUT • _POROSITY_	P	P
ARC STRIKES	P	P
K-AREA (1)	P	P
BACKING REMOVED & WELD TABS REMOVED (IF REQUIRED)	P	P
REPAIR ACTIVITIES	P	P
DOCUMENT ACCEPTANCE OR REJECTION OF WELDED JOINT OR MEMBER	P	P

(1) WHEN WELDING OF DOUBLER PLATES, CONTINUITY PLATES, OR STIFFENERS HAS BEEN PERFORMED IN THE K-AREA, VISUALLY INSPECT THE WEB K-AREA FOR CRACKS WITHIN 3 INCHES (75mm) OF THE WELD

ABBREVIATIONS

All abbreviations listed here may not be used and apply only to Structural (S-series) Sheets.

Some abbreviations used may refer to other disciplines. They are shown for coordination purposes only. Refer to appropriate disciplines drawings for additional info.

A B C D E

AB - Anchor Bolt
ACI - American Concrete Institute
AFF - Above Finished Floor
AH or **AHU** - Air Handling Unit(s)
AISC - American Institute of Steel Construction
ALT - Alternate
ANSI - American National Standards Institute
ARCH - Architect(s) or Architectural
ASCE - American Society of Civil Engineers
ASD - Allowable Stress Design
ASTM - American Society for Testing and Materials
AW - Acid Waste
AWS - American Welding Society
B/F or **B/FTG**- Bottom of Footing
BM - Beam
BOT or **BTM** or **B** - Bottom
BRG - Bearing
C/C - Center to Center
CFMF - Cold Formed Metal Framing
CIP - Cast-in-Place
CJ - Control Joint
CL or **℄** - Centerline
CLG - Ceiling
CLR - Clear
CMU - Concrete Masonry Unit(s)
COL - Column
CONC or **C** - Concrete
CONT - Continuous
COORD - Coordinate
DEFS - Direct-Applied Exterior Finish System
DIA or **Ø** - Diameter
DIAG - Diagonal
DIM - Dimension(s)
DN - Down
DWG(S) - Drawing(s)
EA - Each
EF - Exhaust Fan(s)
EIFS - Exterior Insulation Finish System
EJ - Expansion Joint
EL - Elevation
ELEV - Elevation or Elevator
EQ - Equal(s)
EQUIP - Equipment
EXIST - Existing
EXP - Expansion
EXT - Exterior

F G H I J K L M N O

FD - Floor Drain
FDN - Foundation
FMF - Floor Mat and Frame
FT - Foot or Feet
FIN - Finished
FL or **FLR** - Floor
FOF - Floor Opening Frame
FS - Footing Step
F.S. - Far Side
FTG or **F** - Footing
GA - Gauge
GB - Grade Beam
GC - General Contractor
GALV - Galvanized
GRV - Gravity Roof Ventilator(s)
GYP - Gypsum
HORIZ - Horizontal(ly)
HT - Height
HVAC - Heating, Ventilating & Air Conditioning
IBC - International Building Code
I.F. - Inside Face
INV - Invert
JB - Joist Bridging
JST - Joist
KB - Knee Brace
KEC - Kitchen Equipment Contractor
L - Ledge
LGMF - Light Gauge Metal Framing
LGMT - Light Gauge Metal Truss
LLH - Long Leg Horizontal
LLV - Long Leg Vertical
LRFD - Load and Resistance Factor Design
MANUF - Manufacturer(s)
MAX - Maximum
MEP - Mechanical, Electrical & Plumbing
MIN - Minimum
NCMA - National Concrete Masonry Association
NFPA - National Fire Protection Association
NIC - Not in Contract
N.S. - Near Side
NTS - Not to Scale
OAE - Or Approved Equal
OBC - Ohio Building Code
O.C. or **O/C** - On Center
O.F. - Outside Face
OPNG - Opening

P Q R S T U V W X Y Z

PB - Purlin Bridging
PC - Pile Cap or Precast
PDT - Perforated Drain Tile
PED - Pedestal
PL - Plate
R - Radius
REINF - Reinforcing or Reinforcement
REQ'D - Required
ROF - Roof Opening Frame
RTU - Roof Top Unit(s)
SAN - Sanitary
SIM - Similar
SJI - Steel Joist Institute
SOG - Slab On Grade
SPA - Space(s)
SPEC - Specification(s)
SQ - Square
STL or **S** - Steel
STM or **ST** - Storm
T - Top
T & B - Top and Bottom
TD - Trench Drain
TRANS - Transverse
TYP - Typical
UNO - Unless Noted Otherwise
VERT - Vertical(ly)
WOM - Walk-Off Mat
WP - Work Point
W.R. - Wide Rib
WWF - Welded Wire Fabric
XB - 'X' Brace

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Structural Engineers
431 Oneil Pkw, Suite 100N, Cincinnati, Ohio 45205 (513) 621-7073

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E-49375
REGISTERED
PROFESSIONAL ENGINEER

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Bellevue, Kentucky 41073
859.360.1234
1086 North 4th Street, Ste 111
Columbus, Ohio 43201
614.423.2124
312 Plum Street, Ste 700
Cincinnati, Ohio 45202
513.381.2112

WINTON WOODS CITY SCHOOLS
EARLY CHILDOOD RENOVATION
825 WAYCROSS ROAD, SUITE A, CINCINNATI, OH 45240

WINTON WOODS CITY SCHOOLS
825 WAYCROSS ROAD, SUITE A, CINCINNATI, OH 45240

ISSUANCES

#	DATE	DESCRIPTION
1	4/28/2023	BID/PERMIT

GENERAL NOTES, DESIGN LOADS & ABBREVIATIONS

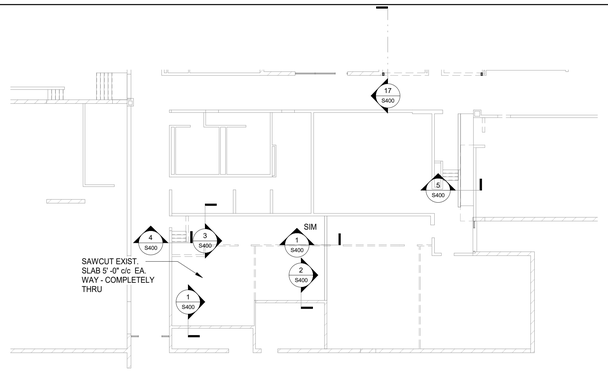
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S000

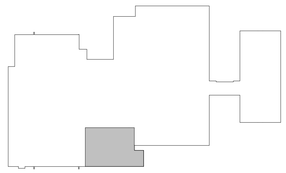
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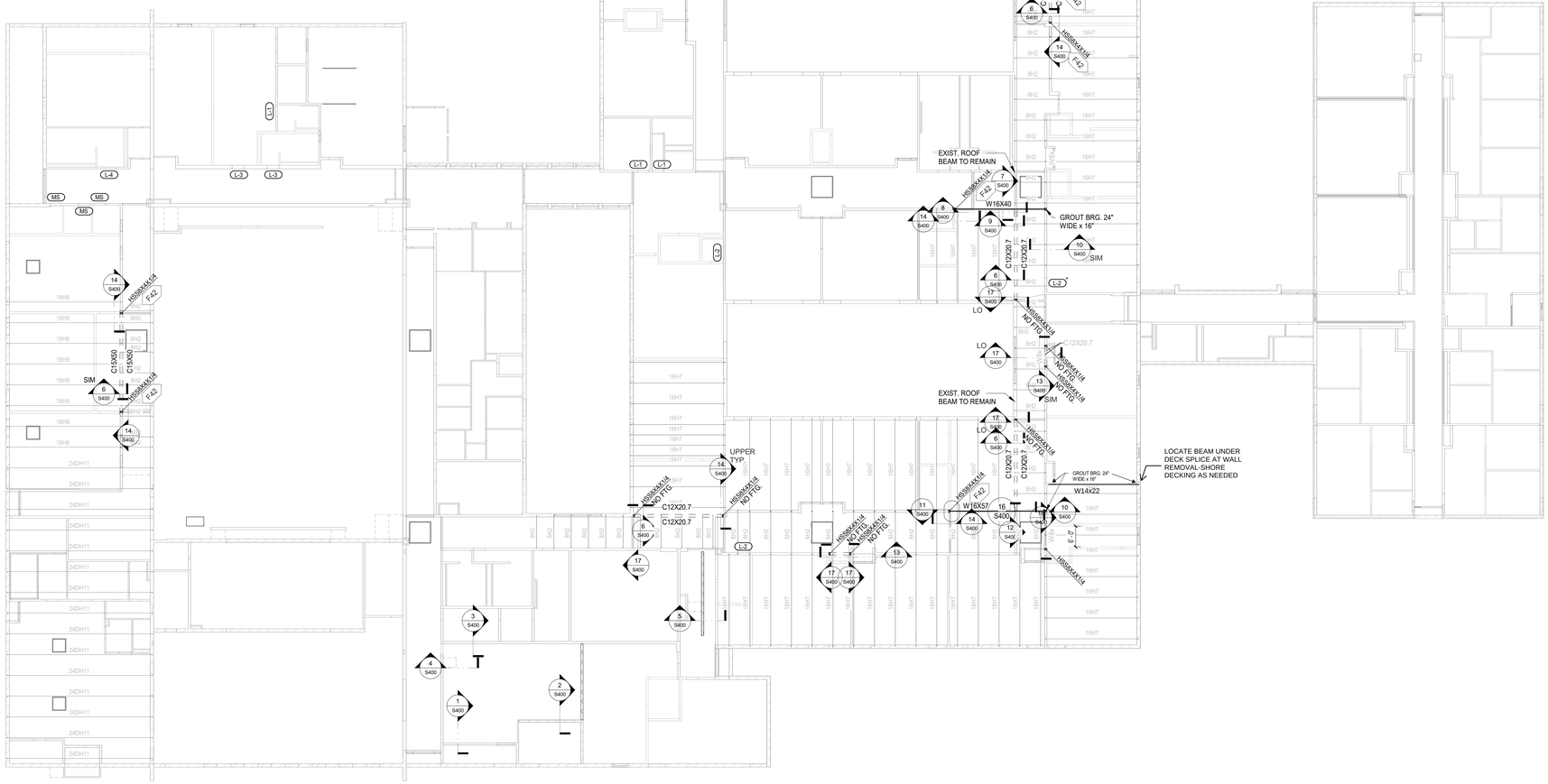
Footing Schedule			
Mark	**Description**	**B/F Elev.**	**Reinforcing**
F42	4'-0"X2'-0"X1'-0"	98' - 4"	4 - #5 T&B



1 S100 FOUNDATION PLAN
1/16" = 1'-0"



Key Plan
NTS



2 S100 OVERALL ROOF FRAMING PLAN
1/16" = 1'-0"

FXX - INDICATES NEW FOOTING OVER EXISTING - SEE SECTION 14/S400

NO FTG - INDICATES PLACE NEW HSS ON EXISTING FTG - SEE SECTION S17/S400

* VERIFY WIDTH OF EXISTING WALL

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ISSUANCES

1	4/28/2023	BID/PERMIT

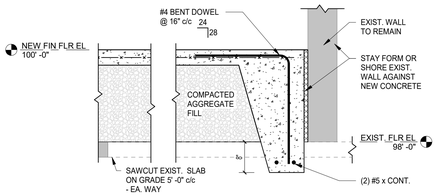
FOUNDATION / ROOF FRAMING PLAN

COMM NO. 2021091.02

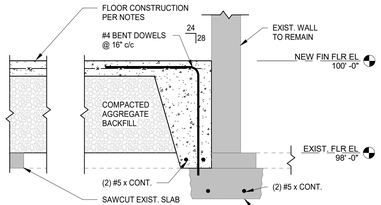
S100

0'-1" REFERENCE LINE

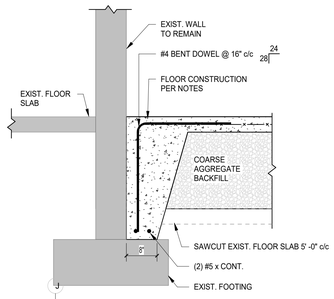
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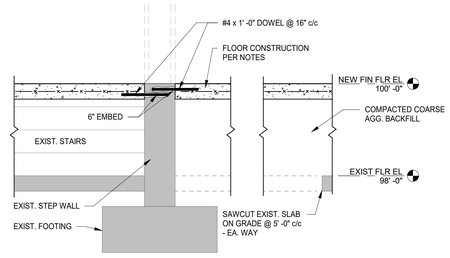
1 SECTION S400 3/4" = 1'-0"



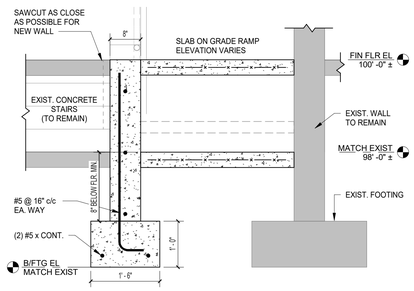
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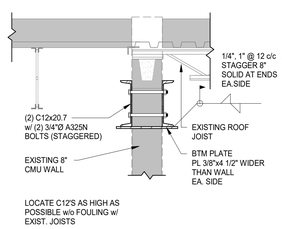
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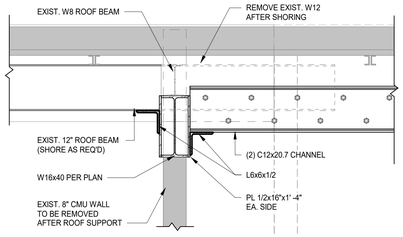
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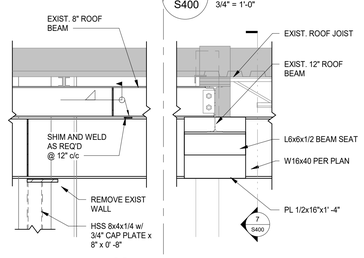
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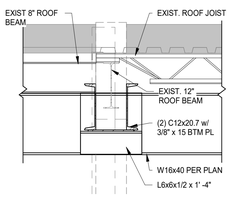
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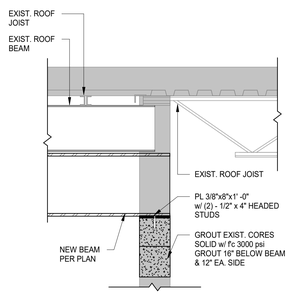
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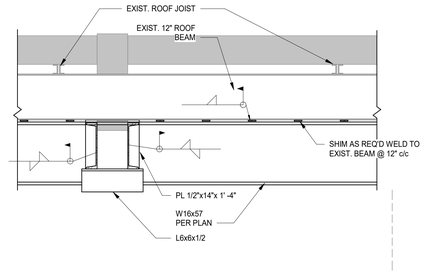
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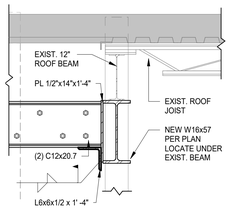
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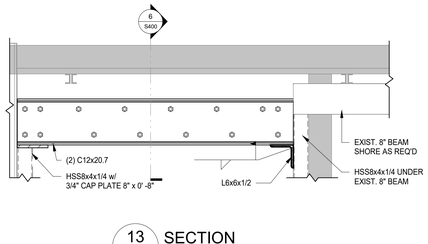
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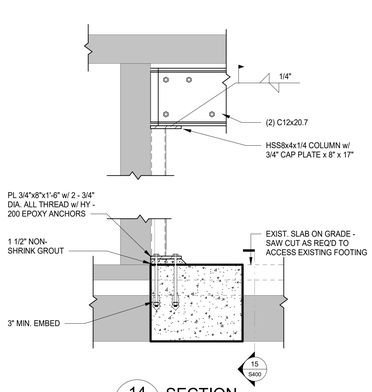
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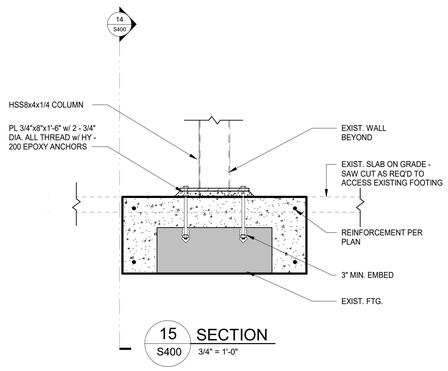
12 SECTION S400 3/4" = 1'-0"



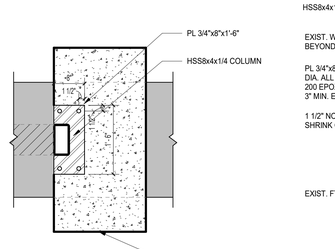
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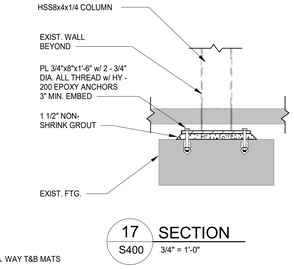
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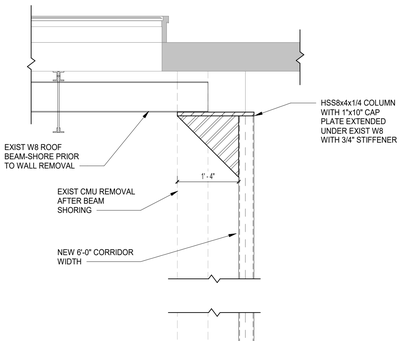
15 SECTION S400 3/4" = 1'-0"



16 SECTION S400 3/4" = 1'-0"



17 SECTION S400 3/4" = 1'-0"



18 SECTION S400 3/4" = 1'-0"

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614.423.2124
223 Fairfield Avenue, Ste 100
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859.360.1234

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SECTIONS AND DETAILS

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S400

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0'-1" REFERENCE LINE

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22-SINK SCHEDULE

TYPE LABEL	DESCRIPTION	BASIS OF DESIGN		SUPPLY CONNECTION SIZES		WASTE CONNECTION SIZES				FAUCET			SUPPLY STOP		DRAIN		P - TRAP		MISC. ACCESSORY		
		MANUFACTURER	MODEL	COLD WATER	HOT WATER	DRAIN	P - TRAP	WASTE	VENT	MANUFACTURER	MODEL	FLOW RATE	MANUFACTURER	MODEL	MANUFACTURER	MODEL	MANUFACTURER	MODEL	MANUFACTURER	MODEL	NOTES
SK-1	COUNTERTOP SINK / STAINLESS STEEL / SINGLE BOWL / ADA / BUBBLER	JUST	CR-ADA-1928-A-GR	1/2"	1/2"	1.5"	1.5"	2"	2"	ZURN	Z826B4-XL	2.2 GPM	McGUIRE	H165LK	McGUIRE	1151AWC	McGUIRE	B8912	CHICAGO	748-244	1, 2
SK-2	COUNTERTOP SINK / STAINLESS STEEL / SINGLE BOWL / ADA	JUST	SL-ADA-2125-A-GR	1/2"	1/2"	1.5"	1.5"	2"	2"	ZURN	Z871S4-XL	2.2 GPM	McGUIRE	H165LK	McGUIRE	1151AWC	McGUIRE	B8912	-	-	1, 2
SK-3	INSTRUMENT WASH SINK	CUSTOM	CUSTOM	1/2"	1/2"	2"	2"	2"	2"	T&S BRASS	B-0231	2.2 GPM	McGUIRE	H165LK	McGUIRE	1151AWC	McGUIRE	B8912	-	-	2, 3
SK-4	ART SINK / STAINLESS STEEL / SINGLE BOWL / ADA	JUST	SL-ADA-2125-AGR	1/2"	1/2"	1.5"	1.5"	2"	2"	ZURN	Z871S4-XL	2.2 GPM	McGUIRE	H165LK	McGUIRE	1151AWC	McGUIRE	B8912	-	-	1, 2, 3

NOTES

1. DRAIN HOLE LOCATION TO BE CENTER REAR AND BOWL DEPTH TO BE 5-1/2".
2. MOUNT TMV-5 UNDER SINK. REFER TO DETAIL 2/P000.
3. PROVIDE SOLIDS INTERCEPTOR (SI-1) IN BASE CABINET UNDER SINK.

22-LAVATORY SCHEDULE

TYPE LABEL	DESCRIPTION	BASIS OF DESIGN		MOUNTING HEIGHT	SUPPLY CONNECTION SIZES		WASTE CONNECTION SIZES				FAUCET			SUPPLY STOP		DRAIN		P - TRAP		
		MANUFACTURER	MODEL		COLD WATER	HOT WATER	DRAIN	P - TRAP	WASTE	VENT	MANUFACTURER	MODEL	FLOW RATE	MANUFACTURER	MODEL	MANUFACTURER	MODEL	MANUFACTURER	MODEL	NOTES
L-1	LAVATORY / WALL MOUNT / MANUAL FAUCET / ADA	ZURN	Z5360	34" TO RIM	1/2"	1/2"	1.5"	1.5"	2"	2"	ZURN	Z-81104-XL	0.5 GPM	McGUIRE	H165LK	McGUIRE	155A	McGUIRE	B8902	1

NOTES

1. MOUNT TMV-5 UNDER SINK. REFER TO DETAIL 2/P000.

22-SHOWER SCHEDULE

TYPE LABEL	DESCRIPTION	DRAIN PAN BASIS OF DESIGN		SHOWER HEAD BASIS OF DESIGN		WALL LINER BASIS OF DESIGN		MOUNTING HEIGHT	WATER CONNECTION SIZE		WASTE CONNECTION SIZES		
		MANUFACTURER	MODEL	MANUFACTURER	MODEL	MANUFACTURER	MODEL		COLD	HOT	DRAIN	P - TRAP	WASTE
SH-2	SHOWER / STAINLESS STEEL / RECESSED WALL MOUNTED / HANDHELD / ROLL-IN ADA	SWAN	SBF-3462	SYMMONS	1-912RS-FSB	SWAN	SK-366296	78" TO HEAD	1/2"	1/2"	FD-1	3"	3"

22-ELECTRIC WATER COOLER AND DRINKING FOUNTAIN SCHEDULE

TYPE LABEL	DESCRIPTION	BASIS OF DESIGN		MOUNTING HEIGHT	COLD WATER CONNECTION	WASTE CONNECTION SIZES				SUPPLY STOP		P-TRAP	
		MANUFACTURER	MODEL			P - TRAP	DRAIN	WASTE	VENT	MANUFACTURER	MODEL	MANUFACTURER	MODEL
EWC-1	WATER COOLER / WALL HUNG / ADA / BI-LEVEL / BOTTLE FILLER	ELKAY	LZSTLG8WSLK	36" / 42" TO BUBBLER	1/2"	1.5"	1.5"	2"	2"	McGUIRE	H165LK	McGUIRE	B8902

22-WATER CLOSET SCHEDULE

TYPE LABEL	DESCRIPTION	BASIS OF DESIGN		MOUNTING HEIGHT	COLD WATER CONNECTION	WASTE CONNECTION SIZES			FLUSH VALVE			MISC. ACCESSORY	
		MANUFACTURER	MODEL			DRAIN	WASTE	VENT	MANUFACTURER	MODEL	FLUSH RATE	MANUFACTURER	MODEL
WC-1	WATER CLOSET / WALL MOUNT / MANUAL FLUSH VALVE	ZURN	Z5615	15" TO RIM	1"	4"	4"	2"	ZURN	Z6000AV	1.6 GPF	OLSONITE	95C
WC-2	WATER CLOSET / WALL MOUNT / MANUAL FLUSH VALVE / ADA	ZURN	Z5615	17" TO RIM	1"	4"	4"	2"	ZURN	Z6000AV	1.6 GPF	OLSONITE	95C
WC-3	WATER CLOSET / WALL MOUNT / MANUAL FLUSH VALVE / PRE-K	ZURN	Z5615	14" TO RIM	1"	4"	4"	2"	ZURN	Z6000AV	1.6 GPF	OLSONITE	95C

22-URINAL SCHEDULE

TYPE LABEL	DESCRIPTION	BASIS OF DESIGN		MOUNTING HEIGHT	COLD WATER CONNECTION	WASTE CONNECTION SIZES				FLUSH VALVE		
		MANUFACTURER	MODEL			TRAP	DRAIN	WASTE	VENT	MANUFACTURER	MODEL	FLUSH RATE
UR-2	URINAL / WALL MOUNT / MANUAL FLUSH VALVE / ADA	ZURN	Z5755-U	17" TO LIP	3/4"	2"	2"	2"	2"	ZURN	Z6003AV	0.5 GPF

22-INTERCEPTOR SCHEDULE

TYPE LABEL	DESCRIPTION	BASIS OF DESIGN		CONNECTION SIZES			CAPACITY			OUTSIDE DIMENSIONS		
		MANUFACTURER	MODEL	INLET	OUTLET	VENT	FLOW	GREASE / SOLIDS	LIQUID	LENGTH	WIDTH	HEIGHT
SI-1	POINT OF USE SOLIDS INTERCEPTOR	STRIEM	SIDEKICK	2"	2"	-	23 GPM	0.17 GAL	-	11-1/16"	7-7/16"	7-7/16"

22-CONNECTION BOX SCHEDULE

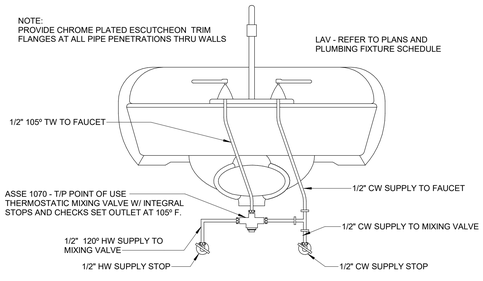
TYPE LABEL	DESCRIPTION	BASIS OF DESIGN		MOUNTING HEIGHT	SUPPLY CONNECTION SIZES		WASTE CONNECTION SIZES			
		MANUFACTURER	MODEL		COLD	HOT	P-TRAP	DRAIN	WASTE	VENT
HB-1	HOSE BIBB IN BOX	ZURN	Z1330	18" TO BOTTOM OF BOX	3/4"	-	-	-	-	-
IM-1	ICE MAKER CONNECTION BOX	GUY GRAY	BIM-875	40" TO BOTTOM OF BOX	1/2"	-	-	-	-	-
W-1	WASHING MACHINE CONNECTION BOX	GUY GRAY	WB 200	40" TO BOTTOM OF BOX	1/2"	1/2"	-	2"	2"	2"

22-THERMOSTATIC MIXING VALVE SCHEDULE

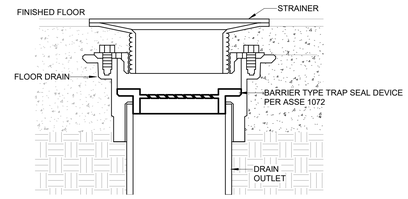
TYPE LABEL	BASIS OF DESIGN		MINIMUM FLOW	FLOW @ 10 PSI DROP	CONNECTION SIZES	
	MANUFACTURER	MODEL			INLET	OUTLET
TMV-5	BRADLEY	S59-4000	0.2 GPM	2.5 GPM	1/2"	1/2"

22-DRAINAGE FIXTURE SCHEDULE

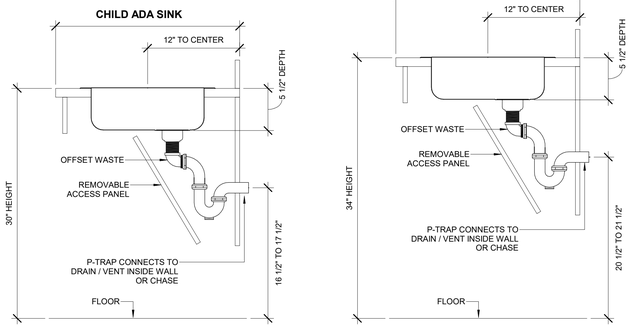
TYPE LABEL	DESCRIPTION	BASIS OF DESIGN		CONNECTION SIZES	
		MANUFACTURER	MODEL	DRAIN	P - TRAP
FD-1	FLOOR DRAIN	ZURN	ZN415-6B	3"	3"



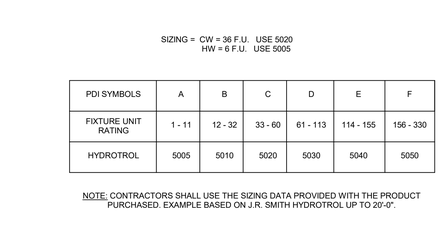
2 P000 POINT OF USE MIXING VALVE



1 P000 BARRIER TYPE TRAP SEAL



3 P000 ADA SINK DETAIL

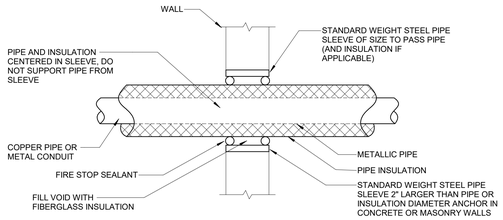


SIZING = CW = 36 F.U. USE 5020
HW = 6 F.U. USE 5005

PDI SYMBOLS	A	B	C	D	E	F
FIXTURE UNIT RATING	1 - 11	12 - 32	33 - 60	61 - 113	114 - 155	156 - 330
HYDROTROL	5005	5010	5020	5030	5040	5050

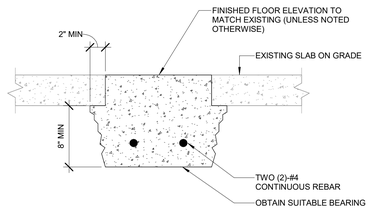
NOTE: CONTRACTORS SHALL USE THE SIZING DATA PROVIDED WITH THE PRODUCT PURCHASED. EXAMPLE BASED ON J.R. SMITH HYDROTROL UP TO 20'-0".

5 P000 WATER HAMMER ARRESTOR SCHEDULE

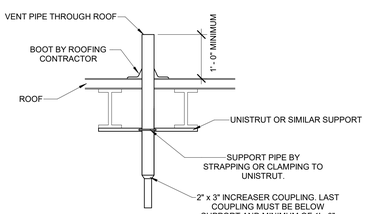


UL DESIGN SYSTEM NO. W-J-1025 FOR 1-HOUR AND 2-HOUR RATED PENETRATIONS
UL DESIGN SYSTEM NO. W-J-1040 FOR 3-HOUR PENETRATIONS
RATING TO MATCH RATING OF WALL ASSEMBLY BEING PENETRATED.

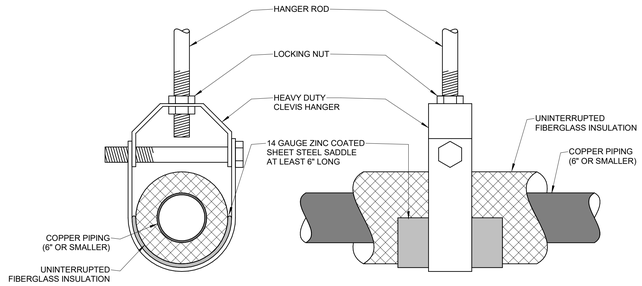
4 P000 PIPE PENETRATION THROUGH FIRE RATED WALL

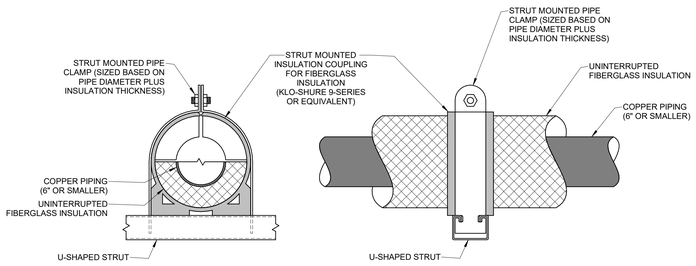


6 P000 SLAB REPAIR & INFILL (TYPICAL)



7 P000 NEW VENT THROUGH ROOF





8 P000 PIPE HANGER (6" AND SMALLER)

GENERAL PLUMBING NOTES

A. "GENERAL NOTES" APPLY TO ALL P SERIES DRAWINGS ISSUED FOR THIS PROJECT. "DRAWING NOTES" APPLY ONLY TO THE SHEETS ON WHICH THEY APPEAR.

B. ALL WORK SHALL BE PERFORMED AND INSTALLED PER THE REQUIREMENTS OF ALL FEDERAL, STATE AND LOCAL CODES, LAWS, REGULATIONS, INSPECTION AGENCIES, UTILITY COMPANIES AND OTHER AUTHORITIES HAVING JURISDICTION.

C. COORDINATE WITH WORK OF OTHER TRADES TO AVOID INTERFERENCES BEFORE BEGINNING WORK.

D. COORDINATE ALL COLUMN PAD ELEVATIONS, INTERIOR AND EXTERIOR FOUNDATION FOOTINGS WHICH REQUIRE PIPE SLEEVES OR LOWERING TO ACCOMMODATE PLUMBING INVERTS PRIOR TO BEGINNING WORK.

E. IN GENERAL, THE P SERIES DRAWING FORMAT IS AS FOLLOWS: SANITARY WASTE PIPING IS LOCATED BELOW THE FLOOR WHEN SHOWN DASHED AND ABOVE THE FLOOR WHEN SHOWN SOLID. INVERT AND CENTERLINE ELEVATIONS AS WELL AS OTHER NOTED INFORMATION MAY BE PROVIDED FOR CLARIFICATION.

F. INSTALL PIPING IN PIPE CHASES, ABOVE CEILINGS AND IN WALLS. INSTALL HORIZONTAL MAINS AND BRANCHES AS HIGH AS PRACTICAL. MAKE OFFSETS IN PIPING TO AVOID INTERFERENCE WITH WORK OF OTHER TRADES WHETHER SHOWN ON DRAWINGS OR NOT. DO NOT INSTALL LIQUID CARRYING PIPING IN OUTSIDE WALLS, ATTIC SPACES OR ANY OTHER AREAS SUBJECT TO FREEZING TEMPERATURES.

G. INSTALL VALVES IN ACCESSIBLE LOCATIONS AND IN SUCH A MANNER AS TO BE EASY TO OPERATE. PROVIDE ACCESS PANELS FOR VALVES INSTALLED IN CONCEALED SPACES SUCH AS ABOVE PERMANENT CEILINGS AND IN OR BEHIND WALLS.

H. PROVIDE ACCESS PANELS FOR ALL EQUIPMENT AND SPECIALTIES SUCH AS WATER HAMMER ARRESTERS OR OTHER DEVICES WHICH MAY REQUIRE ACCESS FOR MAINTENANCE AND OPERATION.

I. REFER TO SANITARY WASTE AND VENT DIAGRAMS, PIPING SYSTEM SCHEMATICS AND OTHER DETAILS PROVIDED FOR ARRANGEMENT OF PIPING AND FOR SIZES NOT SHOWN ON PLANS. THE STACK DIAGRAMS DO NOT SHOW THE TYPE OF FITTINGS REQUIRED AT ALL CONNECTIONS. CONTRACTOR SHALL REFER TO THE LOCAL CODES AND SPECIFICATIONS.

J. FLOOR DRAIN TRAPS, FLOOR SINK TRAPS, HUB DRAIN TRAPS, AND OTHER TRAPS SHALL HAVE A BARRIER TYPE TRAP SEAL PROTECTION DEVICE PER ASSE 1072 AND SIZED PER DRAIN SIZE. REFER TO DETAIL 1/P000.

K. PROVIDE PLUMBING CONNECTIONS FOR FIXTURES PROVIDED BY OTHERS.

L. COORDINATE THE EXACT LOCATIONS OF ALL FLOOR DRAINS ASSOCIATED WITH MECHANICAL EQUIPMENT WITH THE HVAC CONTRACTOR AND COORDINATE EXACT LOCATIONS OF ALL FLOOR DRAINS AND FLOOR SINKS IN THE KITCHEN WITH THE KITCHEN EQUIPMENT CONTRACTOR BEFORE BEGINNING WORK.

M. SLOPE ALL GRAVITY PIPING OF SIZES 3" DIAMETER AND LARGER AT 1/8"/FT. MINIMUM, AND SIZES 2-1/2" DIAMETER AND SMALLER AT 1/4"/FT MINIMUM WHERE NOT OTHERWISE INDICATED.

N. PROVIDE WATER HAMMER ARRESTORS AS REQUIRED BY THE LOCAL CODE AND ALL AUTHORITIES HAVING JURISDICTION. INSTALL PER THE MANUFACTURES DRAWINGS AND SIZE PER THE MANUFACTURES RECOMMENDATIONS. REFER TO 5/P000 FOR SIZING EXAMPLE.

O. PROVIDE SLEEVES AND FIRESTOPPING IN COMPLIANCE WITH THE SPECIFICATIONS INCLUDING DIVISION 7 AT PENETRATIONS OF ALL RATED WALLS AND FLOORS. REFER TO DETAIL 4/P000.

P. PLUMBING SCHEDULES IDENTIFY THE BASIS OF DESIGN MANUFACTURER AND MODEL. REFER TO SPECIFICATIONS FOR ADDITIONAL APPROVED MANUFACTURER.

SYMBOLS AND ABBREVIATIONS LEGEND
(THERE MAY BE SYMBOLS LISTED IN THIS LEGEND THAT ARE NOT USED IN THIS SET OF DRAWINGS)

PIPE TAG LEGEND

4" - C
PIPE SIZE (DIA.) — PIPE SYSTEM TYPE

ABBR	DESCRIPTION
C	DOMESTIC COLD WATER
H	DOMESTIC HOT WATER
140 H	140° DOMESTIC HOT WATER
G	NATURAL GAS
HR	HOT WATER RECIRCULATION
140 HR	HOT WATER RECIRCULATION
T	TEMPERED WATER
S	SANITARY
V	VENT
UG	UNDERGROUND GREASE
ST	STORM PIPING
SST	SECONDARY STORM PIPING
P	PUMP DISCHARGE PIPING
CA	COMPRESSED AIR
D	DRAINAGE TILE
VTR	VENT THRU ROOF
EVTR	EXISTING VENT THRU ROOF

	BALL VALVE
	BUTTERFLY VALVE
	PLUG VALVE
	CIRCUIT BALANCING VALVE
	PIPE CONTINUES
FCO	FLOOR CLEANOUT
GCO	GRADE CLEANOUT
FD-#	FLOOR DRAIN
	PIPE TURNING UP
	PIPE TURNING DOWN
	POINT OF CONNECTION
?	KEYNOTE NOTE

"0-1" REFERENCE LINE"

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PLUMBING SCHEDULES AND LEGENDS

DATE 10-14-22

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PLUMBING DEMOLITION NOTES

A. FIXTURES, EQUIPMENT, PIPING AND VALVES DENOTED AS BOLD OR DASHED LINE TYPE GENERALLY INDICATES WORK TO BE DEMOLISHED. REFER TO DRAWING NOTES AND KEYNOTES FOR FULL EXTENT OF WORK.

B. EXISTING CONDITIONS ARE BASED ON EXISTING DRAWINGS AND FIELD OBSERVATIONS. CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFYING AND NOTIFYING GC OF DISCREPANCIES DUE TO ACTUAL FIELD CONDITIONS BEFORE PROCEEDING.

KEYNOTES

PD2 FIXTURE(S) IN THIS AREA TO BE DEMOLISHED. CAP SUPPLY AND WASTE PIPING WITHIN WALL. PATCH WALL TO MATCH THE EXISTING CONDITIONS.

PD3 FIXTURE(S) AND ABOVEGROUND SUPPLY AND WASTE PIPING IN THIS AREA TO BE DEMOLISHED. CAP SANITARY BELOW FLOOR AND PATCH TO MATCH EXISTING.

PD6 FIXTURE(S) ARE EXISTING TO REMAIN.

PD11 SUPPLY PIPING ABOVE CEILING IS EXISTING TO REMAIN.

PD13 SUPPLY PIPING ABOVE CEILING TO BE DEMOLISHED.

PD15 SANITARY PIPING IS EXISTING TO REMAIN.

PD16 SANITARY PIPING TO BE ABANDONED IN PLACE.

PD17 SANITARY PIPING TO BE DEMOLISHED. CAP PIPE BELOW FLOOR AND PATCH FLOOR TO MATCH EXISTING.

PD21 VENT PIPING TO BE DEMOLISHED. CAP OPEN ENDS OF PIPE ABOVE CEILING.

PD22 VENT THROUGH ROOF AT NOTED LOCATION(S) ARE EXISTING TO REMAIN.

PD23 VENT THROUGH ROOF AT NOTED LOCATION(S) ARE TO BE ABANDONED IN PLACE. CAP OPEN ENDS OF VENT PIPE BOTH ABOVE AND BELOW ROOF LINE.

PD27 STORM PIPING IS EXISTING TO REMAIN.

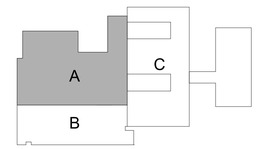
PD29 STORM PIPING TO BE DEMOLISHED. CAP OPEN ENDS OF PIPE BELOW FLOOR AND PATCH FLOOR TO MATCH EXISTING.

PD31 FLOOR DRAINS TO BE DEMOLISHED. CAP SANITARY PIPING BELOW FLOOR AND PATCH TO MATCH EXISTING.

PD32 EXISTING TO REMAIN UNDERGROUND DOMESTIC WATER SERVICE PIPING.



1 P011 PLUMBING DEMOLITION PLAN AREA A
1/8" = 1'-0"



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PLUMBING DEMOLITION PLAN AREA A

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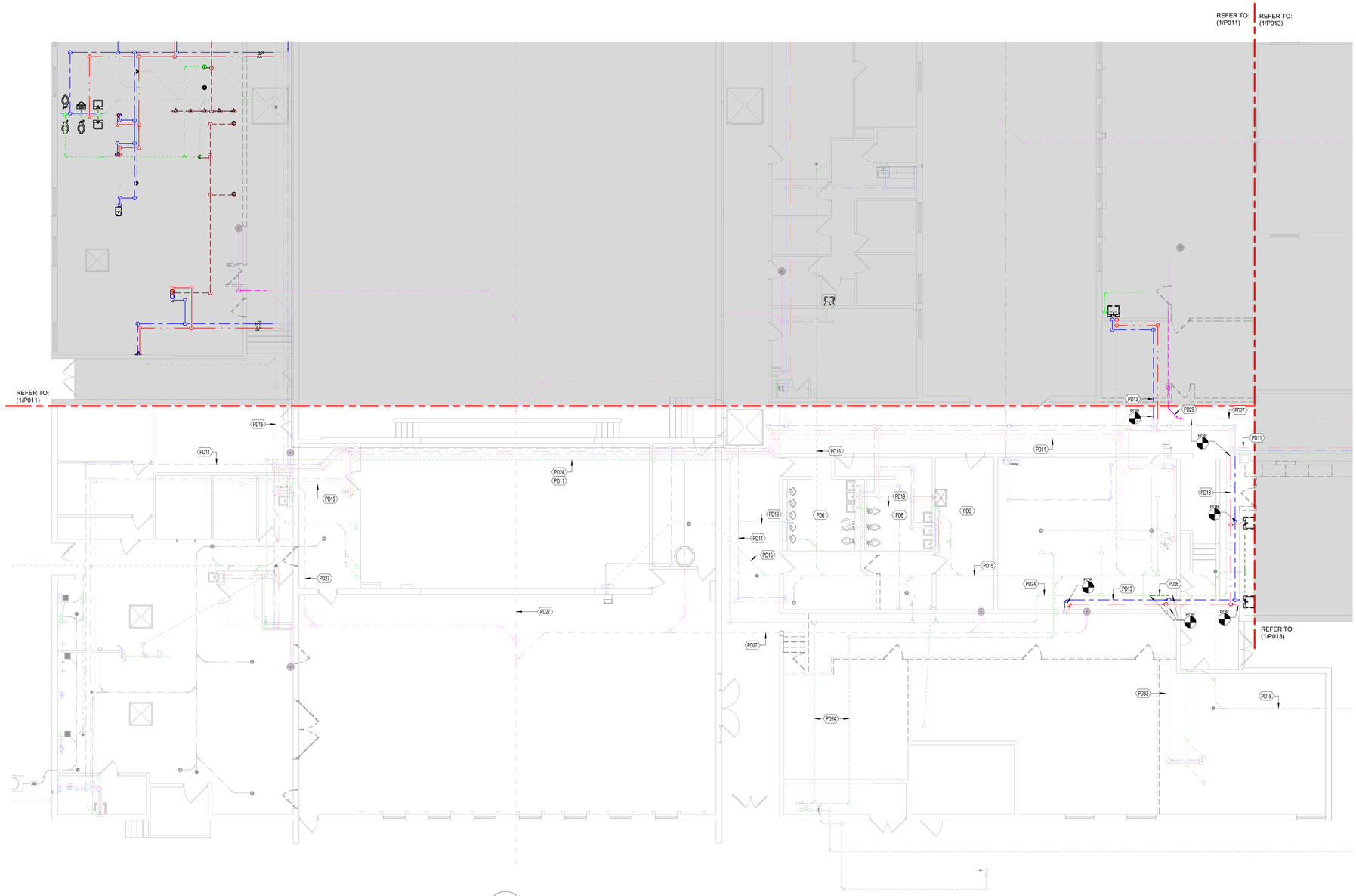
PLUMBING DEMOLITION NOTES

A. FIXTURES, EQUIPMENT, PIPING AND VALVES DENOTED AS BOLD OR DASHED LINE TYPE GENERALLY INDICATES WORK TO BE DEMOLISHED. REFER TO DRAWING NOTES AND KEYNOTES FOR FULL EXTENT OF WORK.

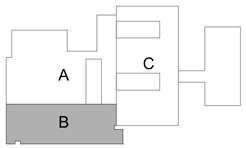
B. EXISTING CONDITIONS ARE BASED ON EXISTING DRAWINGS AND FIELD OBSERVATIONS. CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFYING AND NOTIFYING GC OF DISCREPANCIES DUE TO ACTUAL FIELD CONDITIONS BEFORE PROCEEDING.

KEYNOTES

PD6	FIXTURE(S) ARE EXISTING TO REMAIN.
PD11	SUPPLY PIPING ABOVE CEILING IS EXISTING TO REMAIN.
PD13	SUPPLY PIPING ABOVE CEILING TO BE DEMOLISHED.
PD15	SANITARY PIPING IS EXISTING TO REMAIN.
PD16	SANITARY PIPING TO BE ABANDONED IN PLACE.
PD19	VENT PIPING IS EXISTING TO REMAIN.
PD24	GAS PIPING IS EXISTING TO REMAIN.
PD26	GAS PIPING TO BE DEMOLISHED. CAP OPEN ENDS OF REMAINING PIPE.
PD27	STORM PIPING IS EXISTING TO REMAIN.
PD29	STORM PIPING TO BE DEMOLISHED. CAP OPEN ENDS OF PIPE BELOW FLOOR AND PATCH FLOOR TO MATCH EXISTING.
PD33	SUPPLY PIPING UNDERGROUND TO BE ABANDONED IN PLACE. CAP OPEN ENDS ABOVE CEILING.



1 / P012 PLUMBING DEMOLITION PLAN AREA B
1/8" = 1'-0"



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0'-1" REFERENCE LINE

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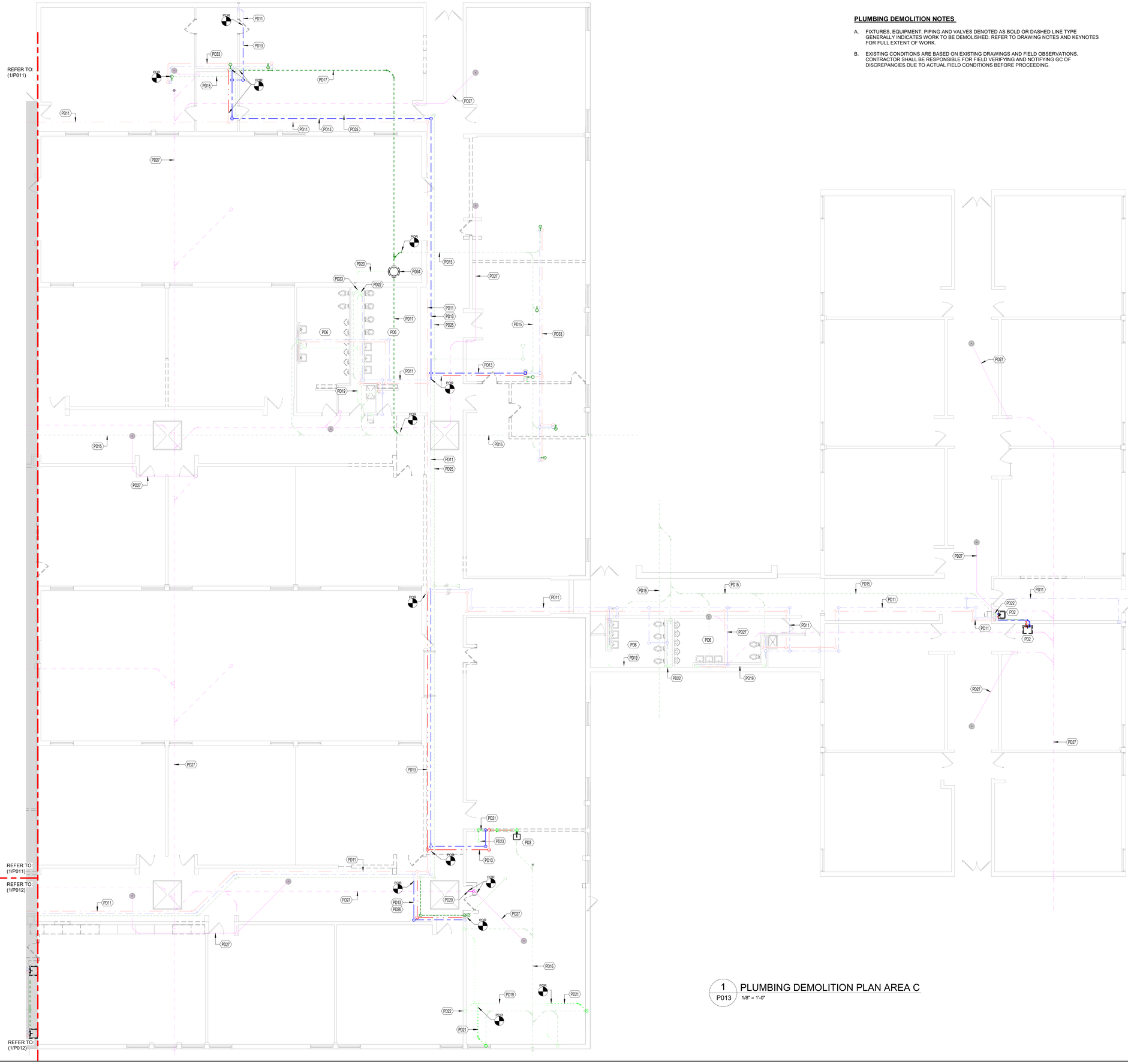
PLUMBING DEMOLITION PLAN AREA B

DATE 10-14-22

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PLUMBING DEMOLITION NOTES

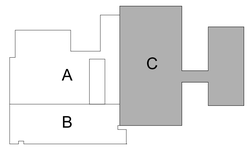
A. FIXTURES, EQUIPMENT, PIPING AND VALVES DENOTED AS BOLD OR DASHED LINE TYPE GENERALLY INDICATES WORK TO BE DEMOLISHED. REFER TO DRAWING NOTES AND KEYNOTES FOR FULL EXTENT OF WORK.

B. EXISTING CONDITIONS ARE BASED ON EXISTING DRAWINGS AND FIELD OBSERVATIONS. CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFYING AND NOTIFYING GC OF DISCREPANCIES DUE TO ACTUAL FIELD CONDITIONS BEFORE PROCEEDING.

KEYNOTES

PD2	FIXTURE(S) IN THIS AREA TO BE DEMOLISHED. CAP SUPPLY AND WASTE PIPING WITHIN WALL. PATCH WALL TO MATCH THE EXISTING CONDITIONS.
PD3	FIXTURE(S) AND ABOVEGROUND SUPPLY AND WASTE PIPING IN THIS AREA TO BE DEMOLISHED. CAP SANITARY BELOW FLOOR AND PATCH TO MATCH EXISTING.
PD6	FIXTURE(S) ARE EXISTING TO REMAIN.
PD11	SUPPLY PIPING ABOVE CEILING IS EXISTING TO REMAIN.
PD13	SUPPLY PIPING ABOVE CEILING TO BE DEMOLISHED.
PD15	SANITARY PIPING IS EXISTING TO REMAIN.
PD16	SANITARY PIPING TO BE ABANDONED IN PLACE.
PD17	SANITARY PIPING TO BE DEMOLISHED. CAP PIPE BELOW FLOOR AND PATCH FLOOR TO MATCH EXISTING.
PD19	VENT PIPING IS EXISTING TO REMAIN.
PD20	VENT PIPING TO BE ABANDONED IN PLACE.
PD21	VENT PIPING TO BE DEMOLISHED. CAP OPEN ENDS OF PIPE ABOVE CEILING.
PD22	VENT THROUGH ROOF AT NOTED LOCATION(S) ARE EXISTING TO REMAIN.
PD23	VENT THROUGH ROOF AT NOTED LOCATION(S) ARE TO BE ABANDONED IN PLACE. CAP OPEN ENDS OF VENT PIPE BOTH ABOVE AND BELOW ROOF LINE.
PD25	GAS PIPING TO BE ABANDONED IN PLACE.
PD26	GAS PIPING TO BE DEMOLISHED. CAP OPEN ENDS OF REMAINING PIPE.
PD27	STORM PIPING IS EXISTING TO REMAIN.
PD29	STORM PIPING TO BE DEMOLISHED. CAP OPEN ENDS OF PIPE BELOW FLOOR AND PATCH FLOOR TO MATCH EXISTING.
PD33	SUPPLY PIPING UNDERGROUND TO BE ABANDONED IN PLACE. CAP OPEN ENDS ABOVE CEILING.
PD34	ACID WASTE SUMP TO BE DEMOLISHED.

1 P013 PLUMBING DEMOLITION PLAN AREA C
1/8" = 1'-0"



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PLUMBING DEMOLITION PLAN AREA C

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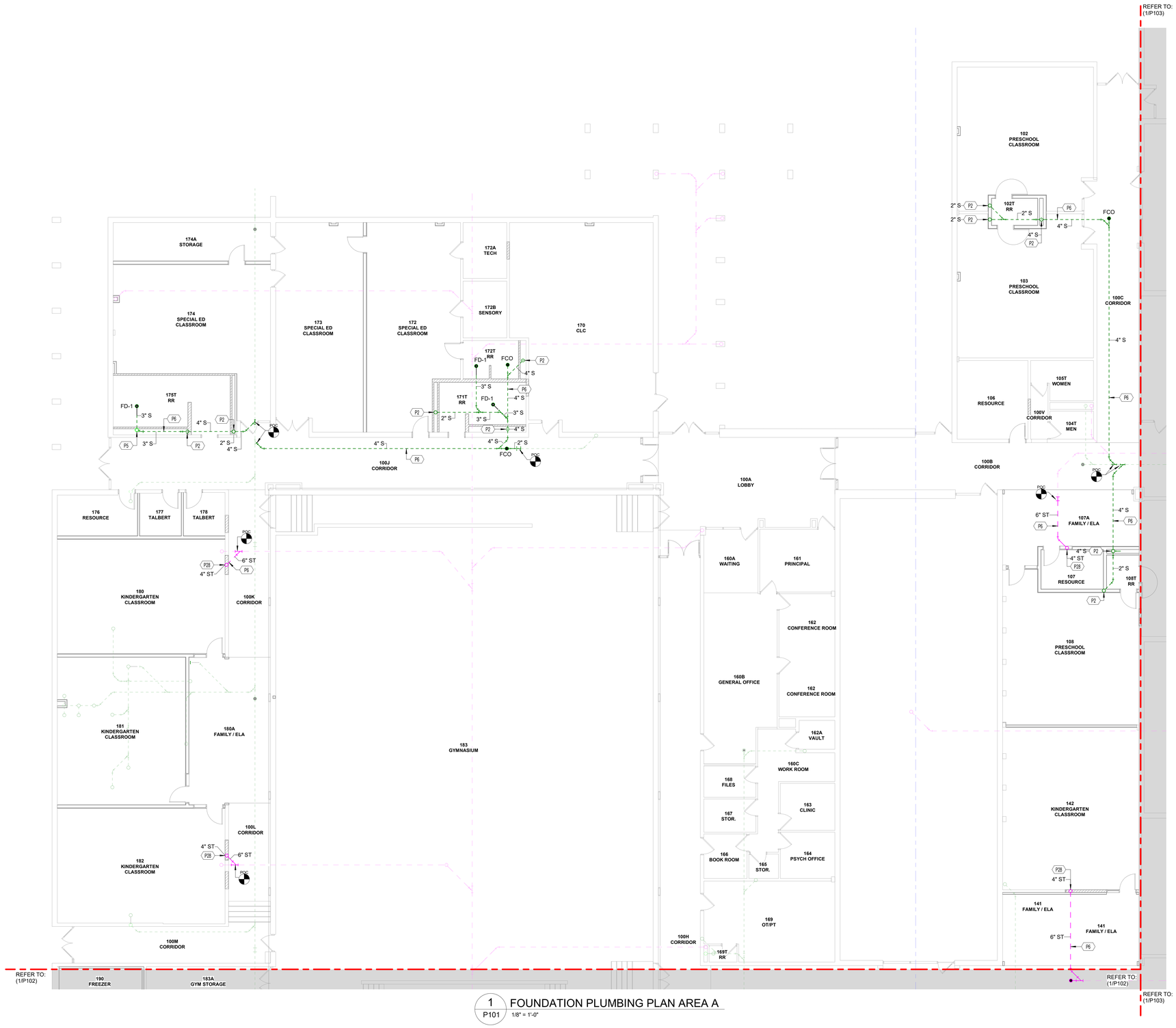
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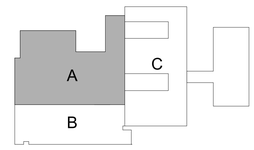
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KEYNOTES

P2	SANITARY PIPE UP.
P5	SANITARY PIPE DOWN. VENT PIPE UP.
P6	EXISTING FLOOR TO BE SAW CUT FOR INSTALLATION OF NEW UNDERGROUND PIPING. PATCH FLOOR TO MATCH EXISTING CONDITIONS PER DETAIL 6/P000.
P28	STORM PIPE UP.



1 P101 FOUNDATION PLUMBING PLAN AREA A
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P101

0.1" REFERENCE LINE

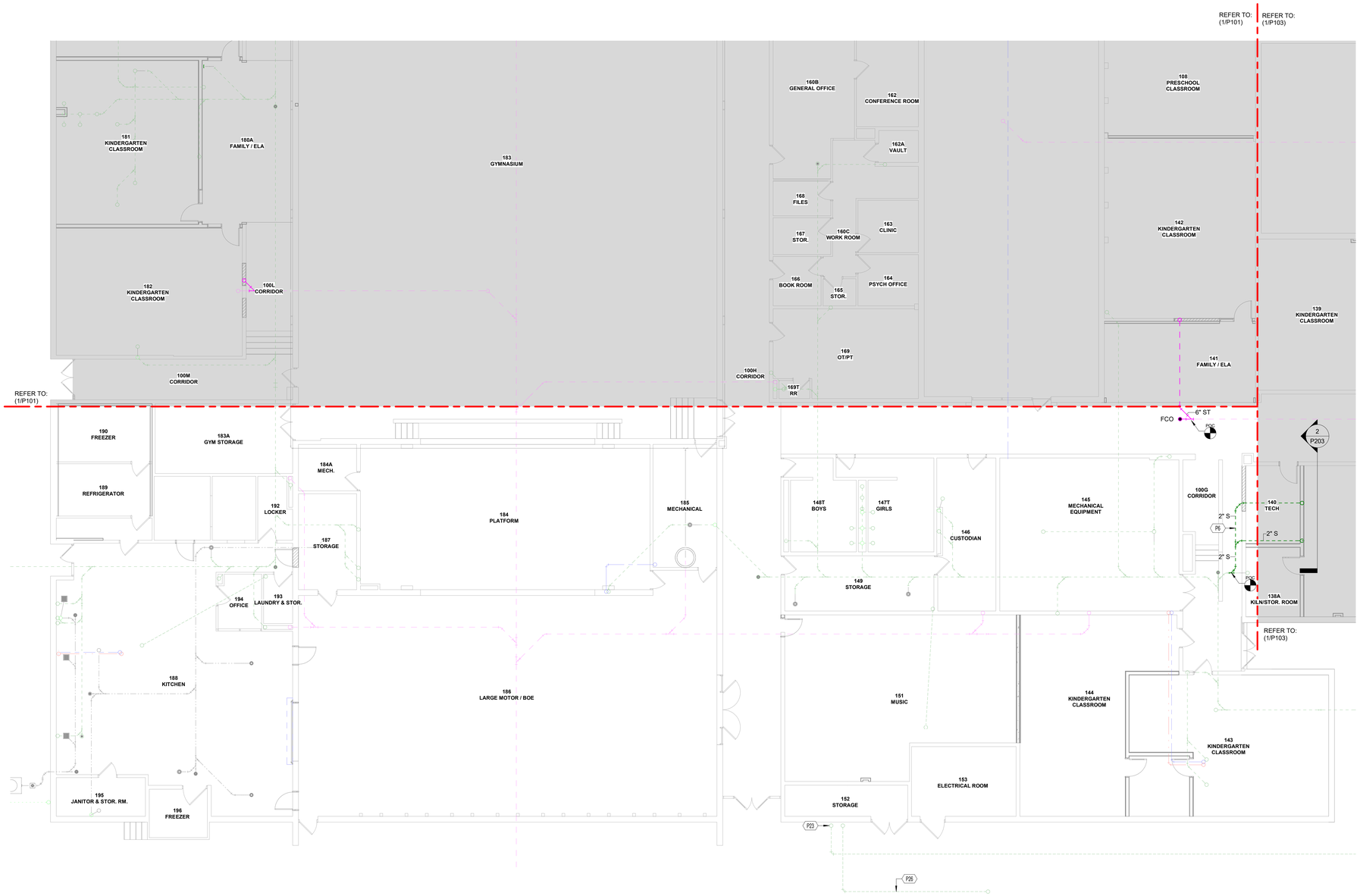
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KEYNOTES

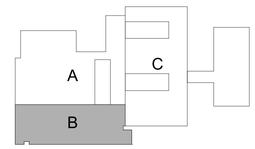
P6 EXISTING FLOOR TO BE SAW CUT FOR INSTALLATION OF NEW UNDERGROUND PIPING. PATCH FLOOR TO MATCH EXISTING CONDITIONS PER DETAIL 6/P000.

P23 EXISTING GAS SERVICE ENTRANCE.

P26 EXISTING GAS PIPING SERVES EMERGENCY GENERATOR.



1 P102 FOUNDATION PLUMBING PLAN AREA B
1/8" = 1'-0"



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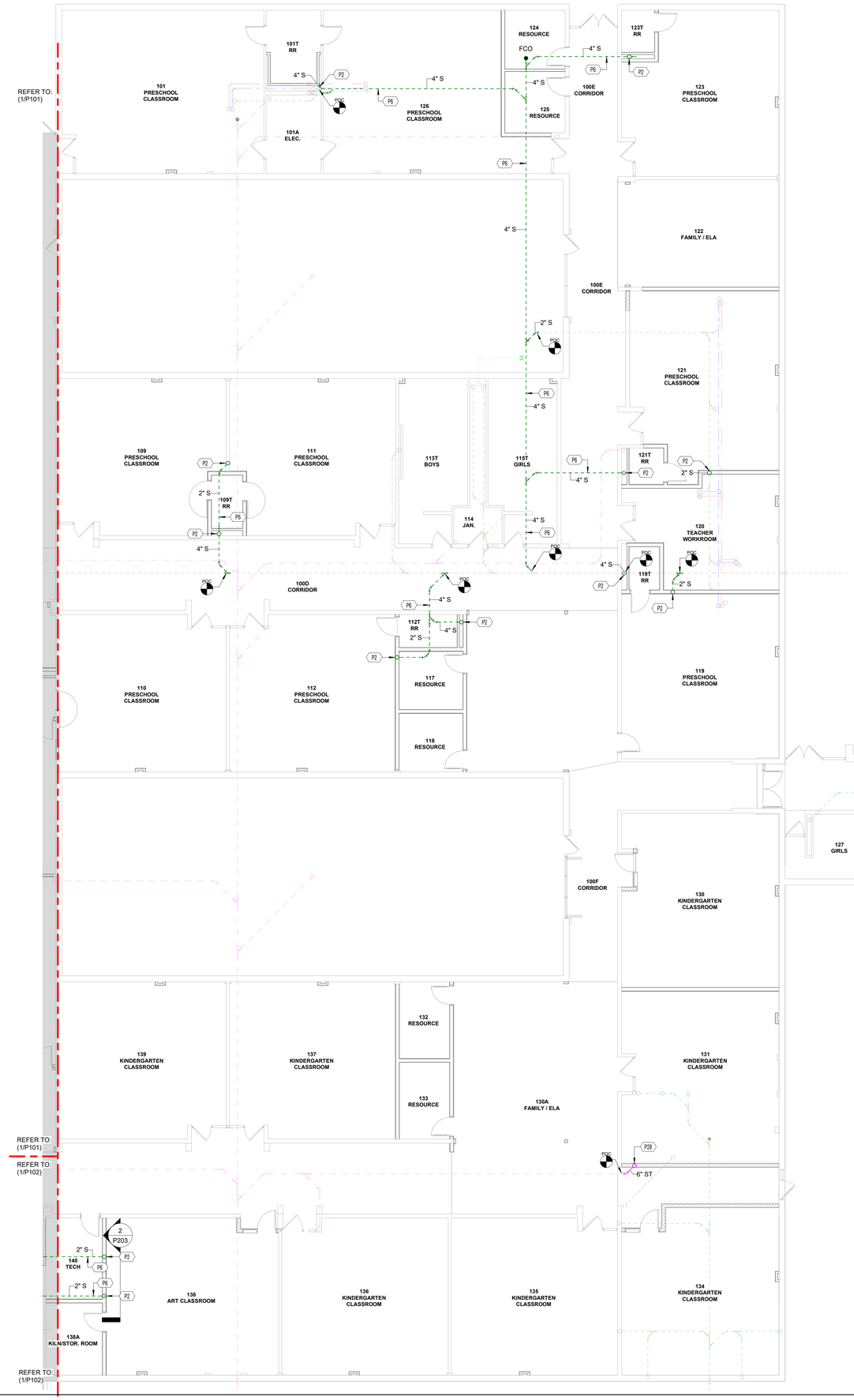
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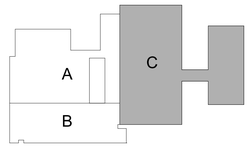
1 P103 FOUNDATION PLUMBING PLAN AREA C
1/8" = 1'-0"

KEYNOTES

P2 SANITARY PIPE UP.

P6 EXISTING FLOOR TO BE SAW CUT FOR INSTALLATION OF NEW UNDERGROUND PIPING. PATCH FLOOR TO MATCH EXISTING CONDITIONS PER DETAIL 6/P000.

P28 STORM PIPE UP.



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KEYNOTES

P3 SANITARY PIPE DOWN.

P10 NEW 3" VENT THRU ROOF. REFER TO DETAIL 7/P000.

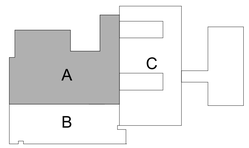
P16 ADJUST BALANCING VALVE FLOW RATE TO BE 3.5 GPM.

P17 ADJUST BALANCING VALVE FLOW RATE TO BE 5.5 GPM.

P29 STORM PIPE DOWN.



1 P201 FIRST FLOOR PLUMBING PLAN AREA A
1/8" = 1'-0"



KEY PLAN
NTS

0.1" REFERENCE LINE

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825 WAYCROSS ROAD, CINCINNATI, OHIO 45240

WINTON WOODS CITY SCHOOLS
825 WAYCROSS ROAD, SUITE A, CINCINNATI, OHIO 45240

ISSUANCES

04-28-23	BID/PERMIT

FIRST FLOOR PLUMBING PLAN AREA A

DATE 10-14-22

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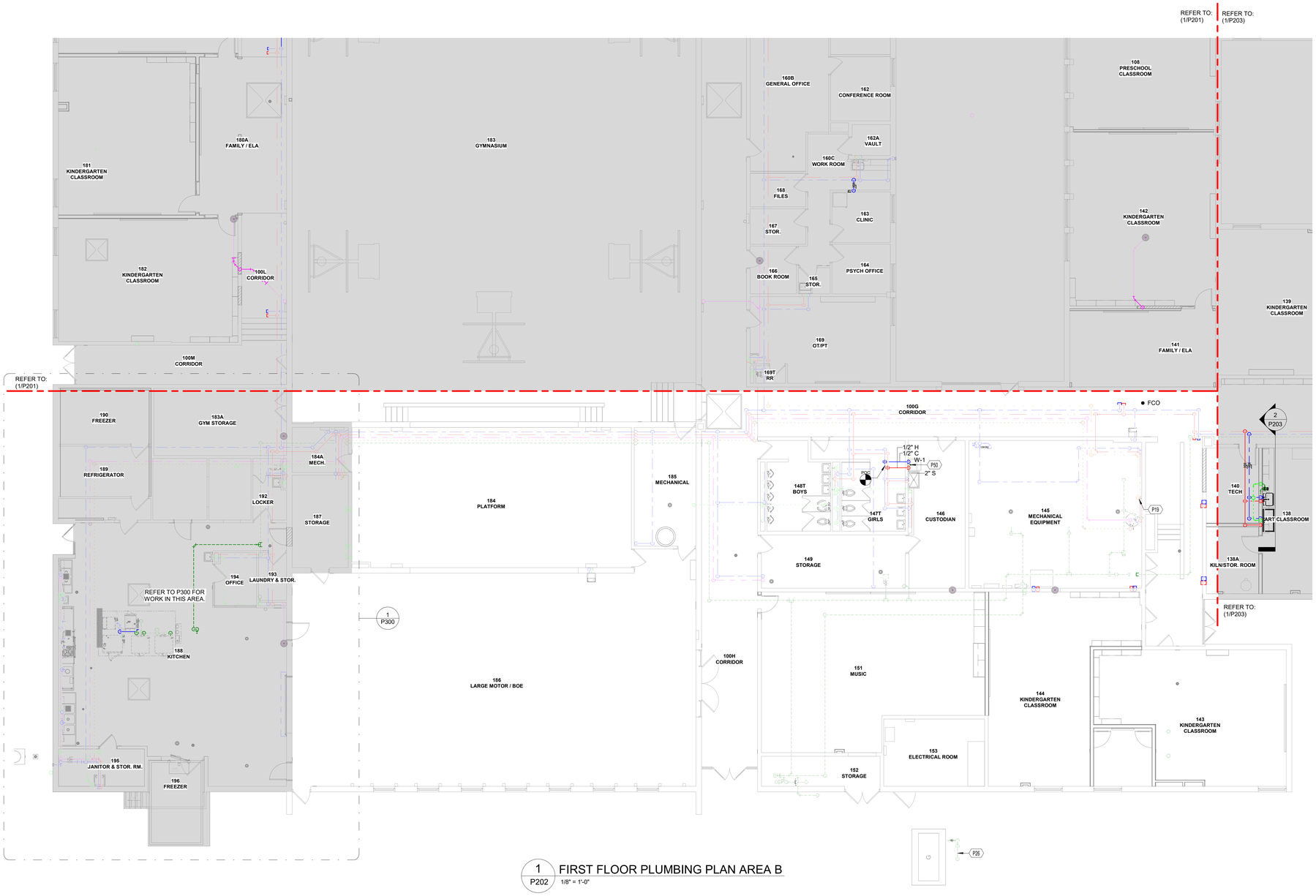
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KEYNOTES

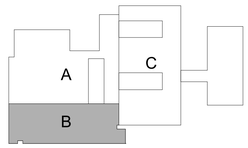
P19 ADJUST FLOW RATE THROUGH DOMESTIC HOT WATER RECIRCULATION PUMP TO BE 10.0 GPM.

P26 EXISTING GAS PIPING SERVES EMERGENCY GENERATOR.

P50 W-1 TO BE SURFACE MOUNTED TO EXISTING WALL. SUPPLY PIPING TO BE EXPOSED ON SURFACE OF WALL. WASTE PIPING SHALL BE DISCHARGED INTO ADJACENT MOP BASIN.



1 P202 FIRST FLOOR PLUMBING PLAN AREA B
1/8" = 1'-0"



KEY PLAN
NTS

0.1" REFERENCE LINE

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ISSUANCES

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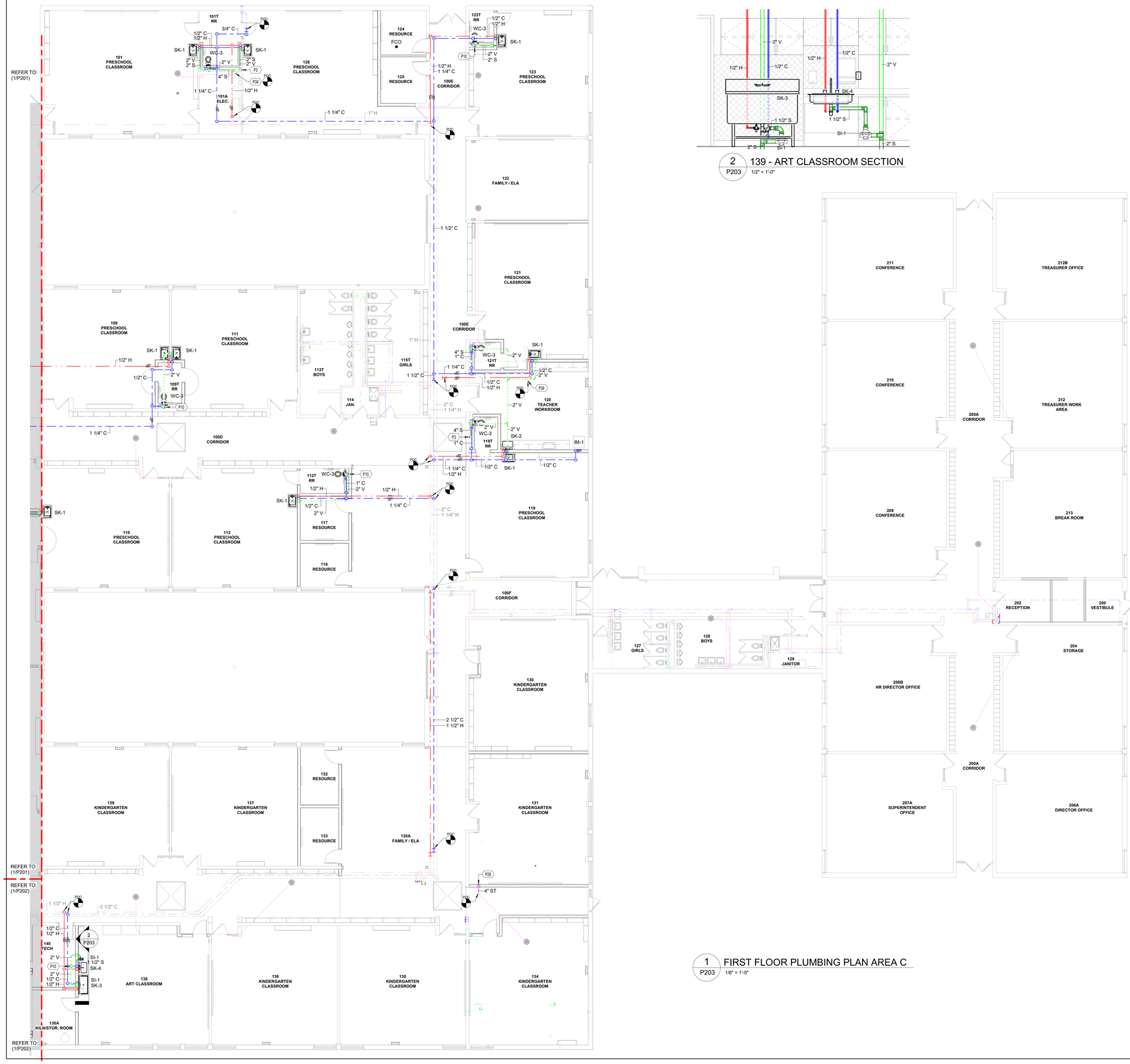
FIRST FLOOR PLUMBING PLAN AREA B

DATE 10-14-22

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P202

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1 P203 FIRST FLOOR PLUMBING PLAN AREA C
1/8" = 1'-0"

2 P203 139 - ART CLASSROOM SECTION
1/2" = 1'-0"

KEYNOTES

P3	SANITARY PIPE DOWN.
P10	NEW 3" VENT THRU ROOF. REFER TO DETAIL 7/P000.
P29	STORM PIPE DOWN.
P34	CONNECT NEW PIPING TO EXISTING VENT THROUGH ROOF.

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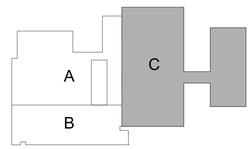
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DATE 10-14-22

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P203



KEY PLAN
NTS

0'-1" REFERENCE LINE

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ALL SCOPE IDENTIFIED ON THIS SHEET (P300) SHALL BE BID AS ALTERNATE #6, UNLESS OTHERWISE SPECIFIED.

EQUIPMENT SCHEDULE

ITEM NO.	NO. REQ'D	DESCRIPTION		WATER HOT	WATER COLD	WASTE	ELECTRICAL KW.	HP	V/PH	AMPS	CONN.	MTG. HT.	3 PH KW LOAD'G	GAS SIZE	GAS BTU'S	RESPONSIBILITY FURN.	INSTALL	CONN. MC	CONN. PC	CONN. EC	NOTES AND COMMENTS
11	1	FLOOR TROUGH	EXISTING			3"										O.S.	N.A.R.				
12	1	ICE MACHINE - UNDERCOUNTER	EXISTING		1/2"	FT			115/1	6	PLUG	5"AFF				O.S.	G.C.				(12)
13		OPEN NUMBER																			
14		OPEN NUMBER																			
15	1	COMBI OVEN - SINGLE	EXISTING		3/4"	FT	37		208/3	125	DIR	@ CLNG.				O.S.	G.C.		*	*	(12)
16	2	CONVECTION OVEN - SINGLE	EXISTING						115/1	6	DIR	5"AFF		3/4"	55M	O.S.	G.C.		*	*	(12)
17	1	HOOD SYSTEM - CANOPY	ALTERNATE #06						(2)120/1	2.5	DIR	ABV. CLNG.				O.S.	G.C.		*		(1)(2)(3)(4)
	1	EXHAUST FAN	ALTERNATE #06					3	208/3		DIR					O.S.	G.C.		*		(1)(4)(5)
	1	MAKE-UP AIR FAN & HEAT	ALTERNATE #06					3	208/3	23.85	DIR	@ BLDG. ROOF		1"	341.689M	O.S.	G.C.		*	*	(1)(4)(5)(6)
18	1	CONVECTION STEAMER	ALTERNATE #06		(2)3/8" 1/2"	FT	.30		(2)120/1		DIR	5"AFF		3/4"	100M	O.S.	G.C.		*	*	(7)(8)(9)(10)(11)

KEYNOTES

P24 GAS PIPING CONNECTION TO EQUIPMENT. REFER TO DETAIL 3/P300.

P25 GAS PIPING UP THROUGH ROOF TO SERVE KITCHEN MAKE-UP AIR UNIT.

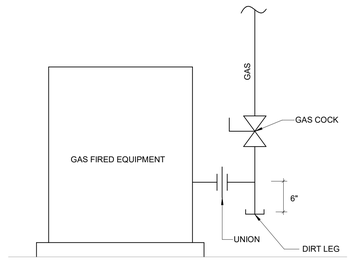


1 P300 ENLARGED KITCHEN PLUMBING PLAN
1/4" = 1'-0"

GAS PIPE DESIGN - BUILDING SERVICE	
TYPE OF GAS: NATURAL GAS	
PIPE MATERIAL: SCHEDULE 40 STEEL	
DELIVERY PRESSURE: < 1.5 PSI	
PRESSURE DROP: 1.0 INCHES W.C.	
LENGTH OF LONGEST RUN: 350 FEET	
PIPE SIZE	CAPACITY (MBH)
3/4"	77
1"	145
1 1/4"	298
1 1/2"	447
2"	861
2 1/2"	1372
3"	2427
4"	4952
5"	8963

SUPPORT OF GAS PIPING	
STEEL PIPE, NOMINAL SIZE OF PIPE (INCHES)	SPACING OF SUPPORTS (FEET)
1/2	6
3/4 TO 1	8
1 1/4 OR LARGER (HORIZONTAL)	10
1 1/4 OR LARGER (VERTICAL)	EVERY FLOOR LEVEL

2 P300 GAS PIPING SCHEMATIC



3 P300 GAS EQUIPMENT CONNECTION DETAIL

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825 WAYCROSS ROAD, CINCINNATI, OHIO 45240

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ISSUANCES

04-28-23	BID/PERMIT

ENLARGED KITCHEN PLUMBING PLAN

DATE 10-14-22

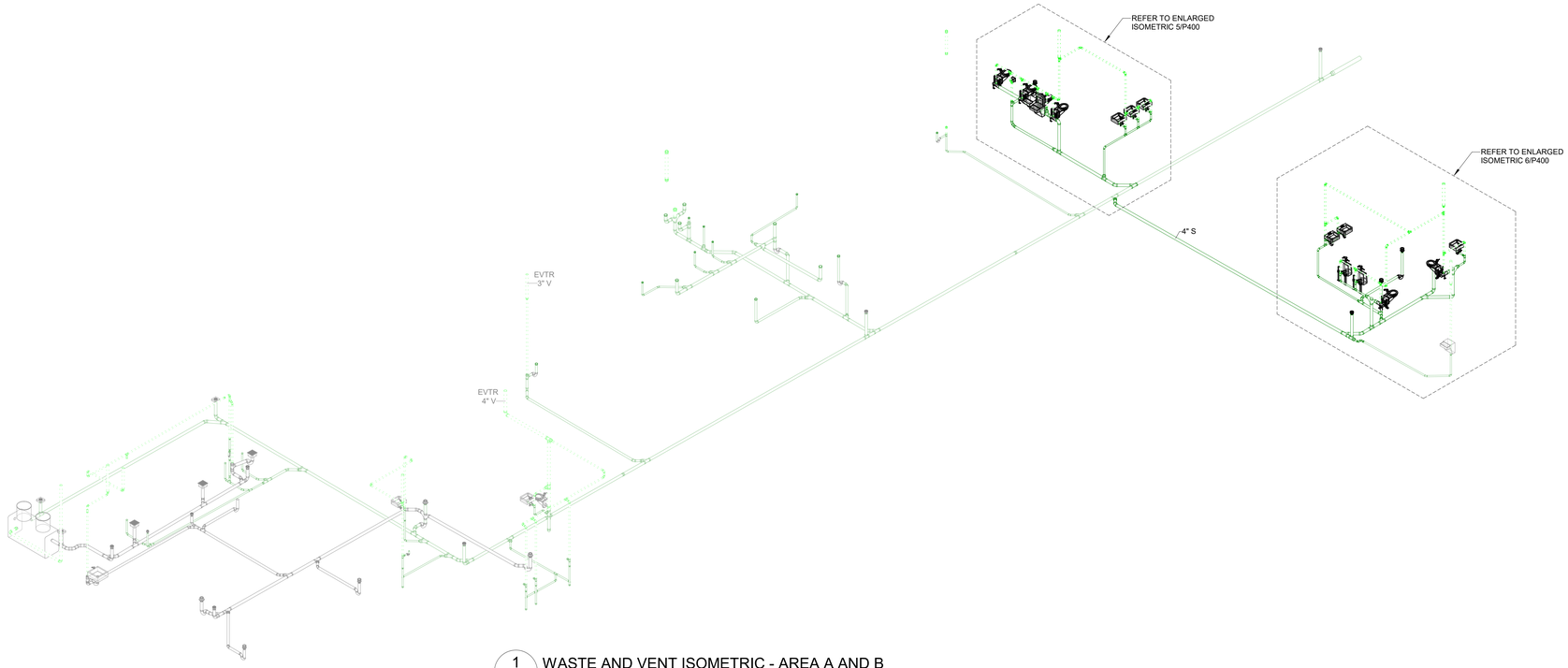
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P300

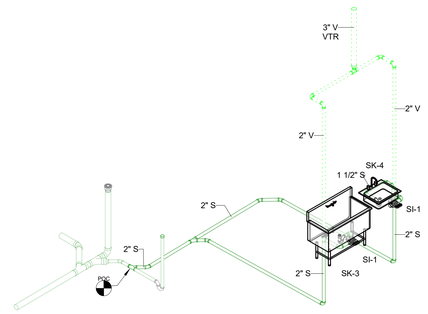
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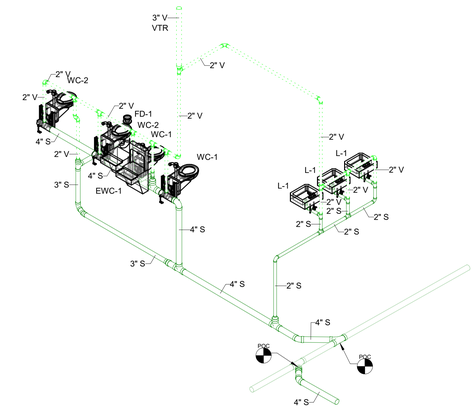
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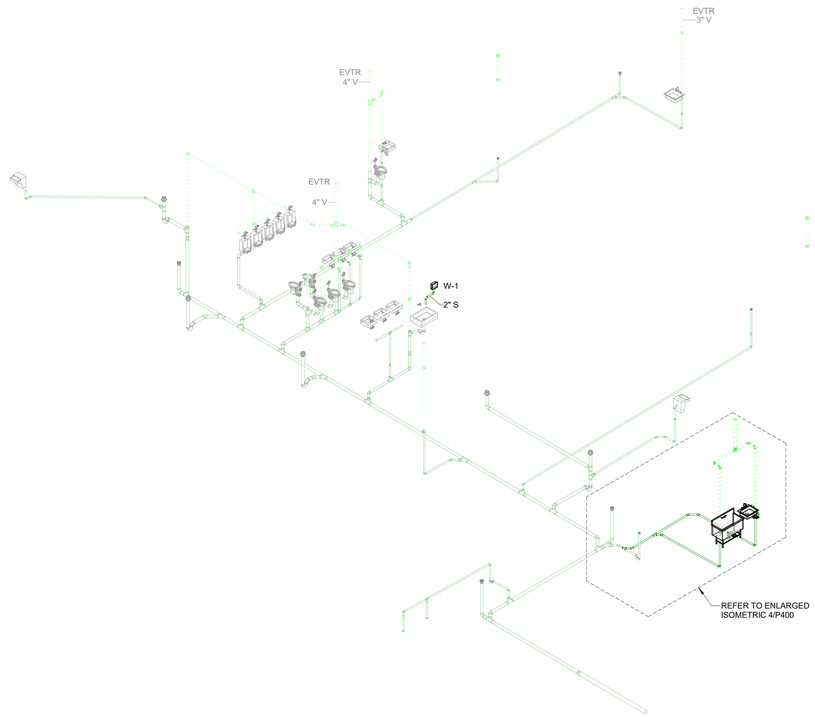
1 P400 WASTE AND VENT ISOMETRIC - AREA A AND B



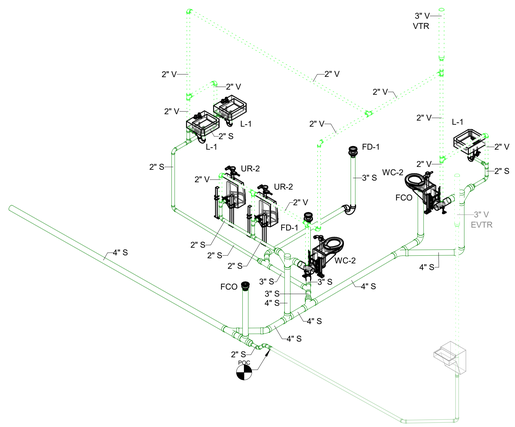
4 P400 WASTE AND VENT ISOMETRIC - ART ROOM 139



5 P400 WASTE AND VENT ISOMETRIC - ENLARGED GROUP RR 175T



2 P400 WASTE AND VENT ISOMETRIC - AREA B



6 P400 WASTE AND VENT ISOMETRIC - ENLARGED GROUP RR 171T

0'-1" REFERENCE LINE

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WASTE AND VENT ISOMETRICS - AREAS A & B

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P400

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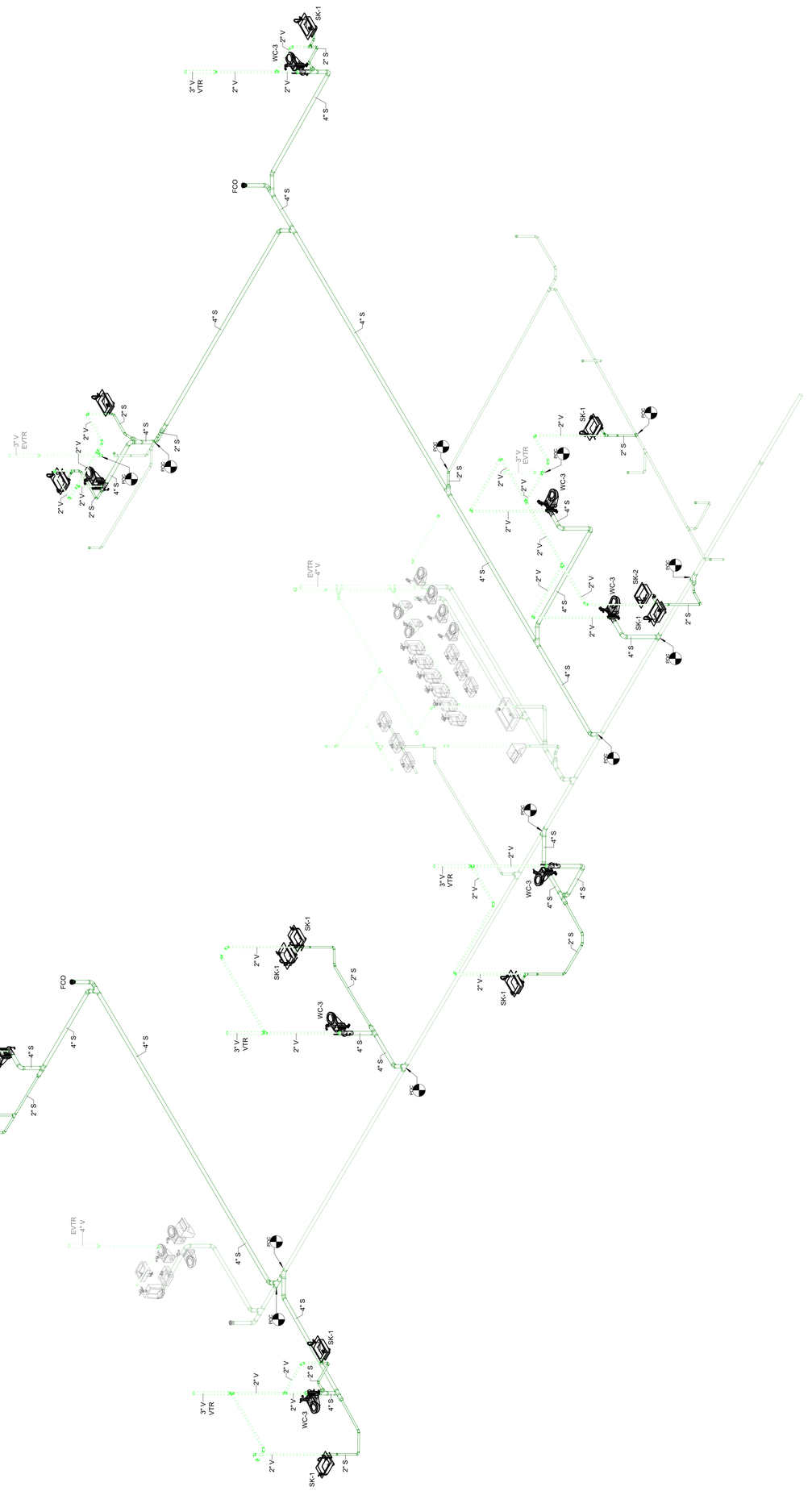
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WASTE AND VENT ISOMETRICS - AREA C

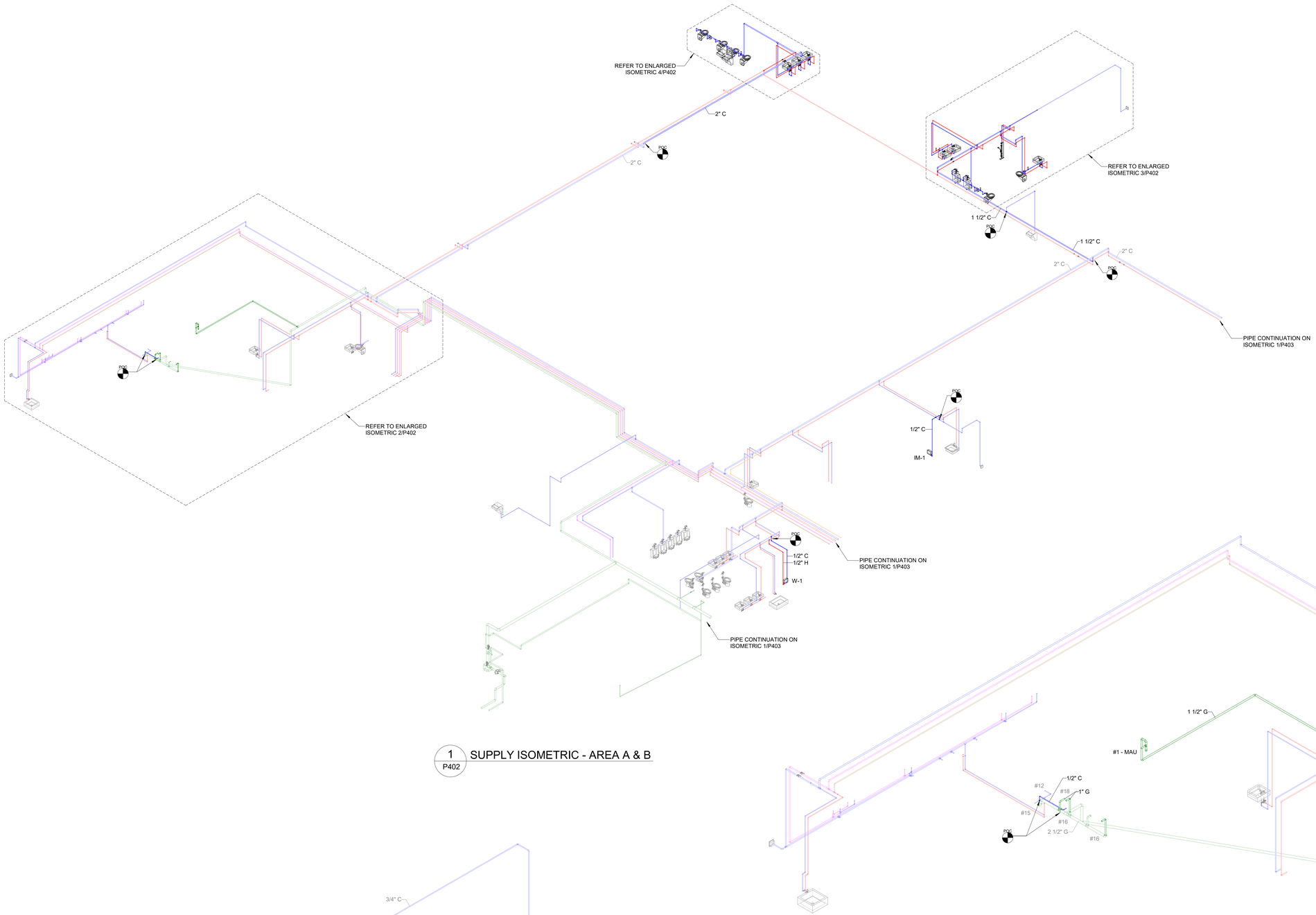
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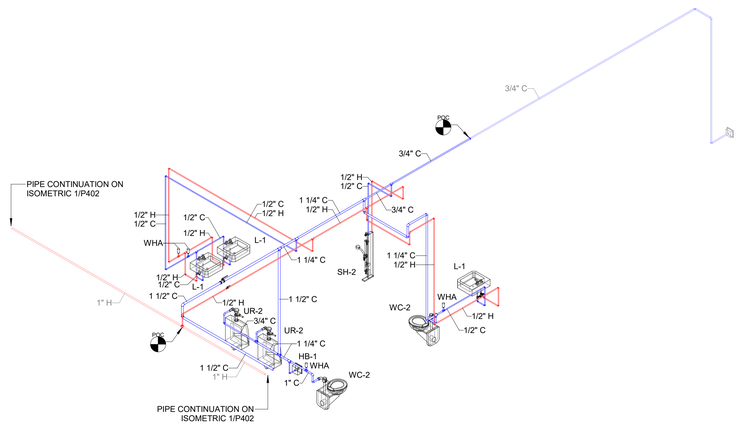
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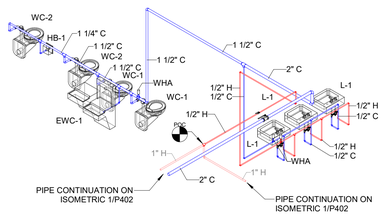
1 WASTE AND VENT ISOMETRIC - AREA C WEST
P401



1 P402 SUPPLY ISOMETRIC - AREA A & B



3 P402 SUPPLY ISOMETRIC - ENLARGED GROUP RR 171T



4 P402 SUPPLY ISOMETRIC - ENLARGED GROUP RR 175T

2 P402 SUPPLY ISOMETRIC - ENLARGED KITCHEN - ALTERNATE #6

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SUPPLY ISOMETRICS - AREA A & B

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P402

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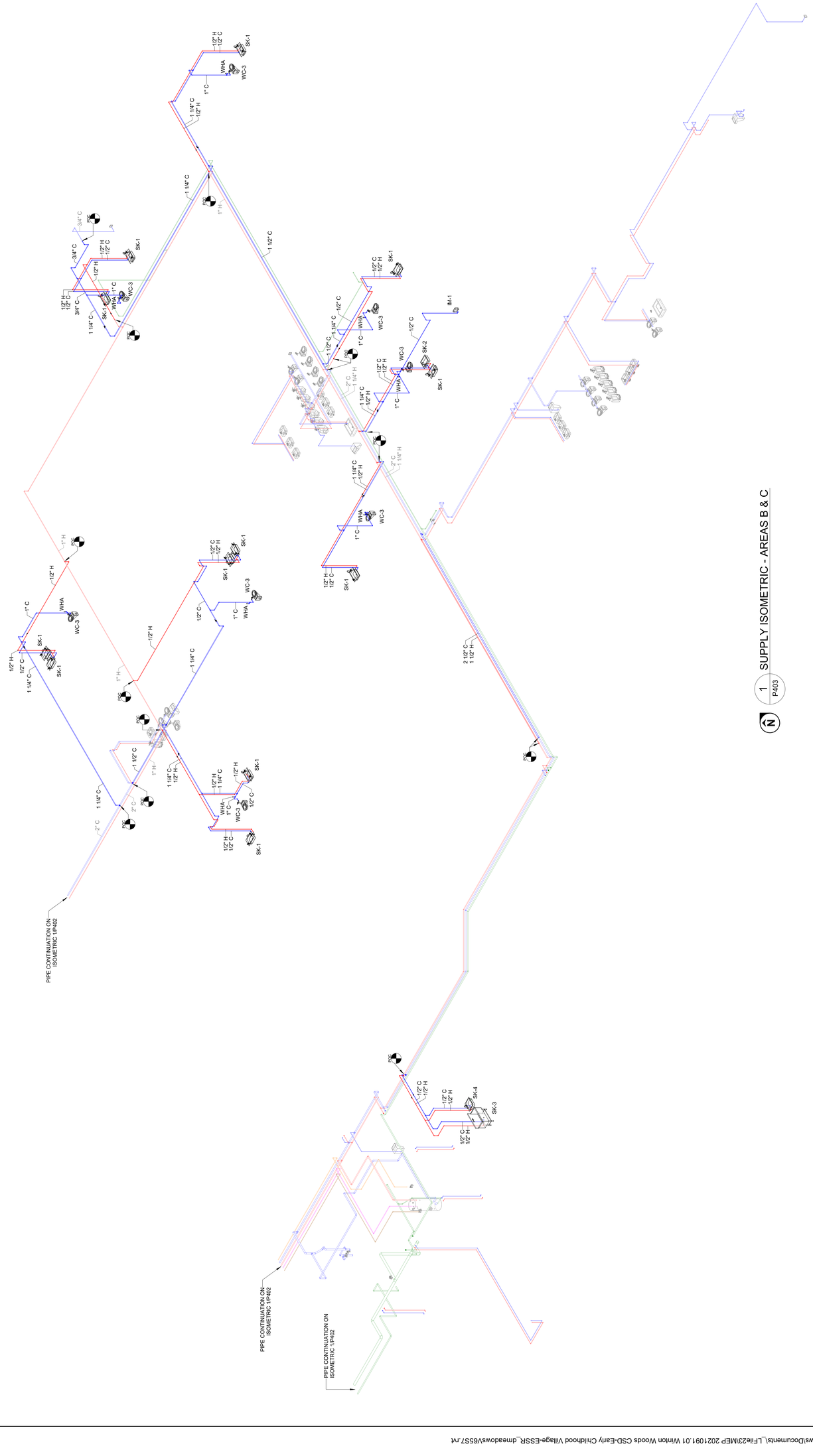
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SUPPLY ISOMETRICS - AREA B & C

DATE 10-14-22

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P403

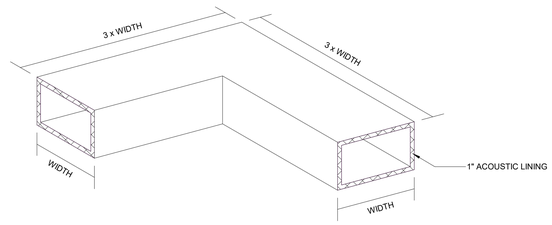


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23-RENO AIR DEVICE SCHEDULE

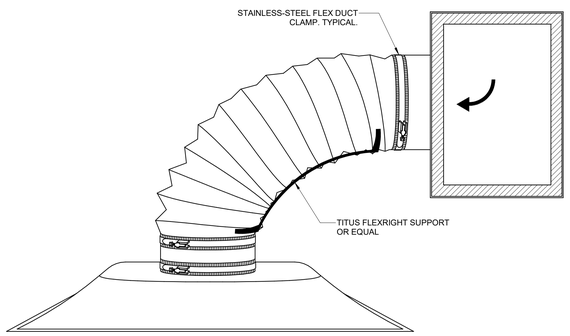
MARK	BASIS OF DESIGN		DIFFUSER TYPE	MAXIMUM AIRFLOW	MAXIMUM PRESSURE DROP	MAXIMUM SOUND	BLADE SPACING	CONNECTION SIZE	FACE SIZE	NOTES
	MANUFACTURER	MODEL								
ECG-3	PRICE	80	EGG CRATE GRILLE	2880 CFM	0.085 in-wg	26	1/2" X 1/2"	24" X 24"	24" X 24"	1
SD-1	PRICE	SPD	SQUARE PLAQUE DIFFUSER	195 CFM	0.065 in-wg	22	N/A	6" Ø	24" X 24"	1
SD-3	PRICE	SPD	SQUARE PLAQUE DIFFUSER	490 CFM	0.146 in-wg	26	N/A	10" Ø	24" X 24"	1
TF-1	Acutherm	TF Series	THERMA-FUSER	200 CFM	0.200 in-wg	31		6"	24" X 24"	1

NOTES:
1. CONFIRM COLOR WITH ARCHITECT.



REFER TO FLOOR PLANS FOR DUCT WIDTH

1 M000 ACOUSTIC LINED TRANSFER DUCT ELBOW.



2 M000 FLEX TO DIFFUSER DETAIL

23-MECHANICAL SHEET LIST - RENO

SHEET NUMBER	SHEET NAME
M000	MECHANICAL SCHEDULES, LEGENDS AND DETAILS
M010	MECHANICAL RENO DEMOLITION PLAN AREA A
M011	MECHANICAL RENO DEMOLITION PLAN AREA B
M100	FIRST FLOOR RENO DUCTWORK PLAN AREA A
M101	FIRST FLOOR RENO DUCTWORK PLAN AREA B
M102	FIRST FLOOR RENO DUCTWORK PLAN AREA C

GENERAL NOTES

A. DRAWINGS ARE SCHEMATIC IN NATURE AND SHOW DESIGN INTENT. IF CHANGES ARE MADE DUE TO DIFFERING FIELD CONDITIONS, SUGGESTED CHANGES ARE TO BE SUBMITTED TO ARCHITECT FOR APPROVAL PRIOR TO CHANGES BEING MADE.
B. REFER TO ARCHITECTURAL DRAWINGS FOR LOCATIONS OF FIRE-RATED WALLS.
C. REPAIR ANY WORK DAMAGED AS A RESULT OF WORK BY THIS CONTRACT.
D. CONTRACTOR SHALL BE RESPONSIBLE TO SECURE AND PAY FOR FOR ALL MATERIALS, LABOR, LICENSES, PERMITS, INSPECTIONS, FEES, FINAL CLEANUP, AND QUALITY OF WORKMANSHIP AND MATERIALS REQUIRED TO PERFORM WORK DESCRIBED IN CONTRACT.
E. CONTRACTOR SHALL VERIFY AND SATISFY THAT ALL EQUIPMENT FURNISHED WILL PROPERLY FIT IN THE SPACE PROVIDED, THAT IT WILL FUNCTION PROPERLY, AND THAT ALL PARTS OF EQUIPMENT REQUIRING SERVICE ARE READILY ACCESSIBLE IN COMPLIANCE WITH THE MECHANICAL CODE.
F. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL CUTTING AND PATCHING OF WALLS, FLOORS, AND ROOFS REQUIRED FOR INSTALLATION OF THE WORK. ALL OPENINGS IN WALLS, FLOORS OR CEILINGS SHALL BE PROPERLY SEALED
G. LOCATE WALL OPENINGS FOR DUCTS, GRILLES, AIR TRANSFER OPENINGS, PIPING, ETC. CENTERED BETWEEN FRAMING MEMBERS WHEN POSSIBLE.
H. FOR ALL ROOF-MOUNTED MECHANICAL EQUIPMENT, THE CONTRACTOR SHALL PROVIDE THE CURB, CUT THE ROOF OPENING, AND PROVIDE ROOFING AND ROOF FLASHING AROUND CURB SO THAT ROOF WARRANTY IS MAINTAINED. ALL ROOF PENETRATIONS SHALL BE COORDINATED WITH ALL TRADES. TOPS OF ROOF CURBS SHALL BE 12" ABOVE TOP LAYER OF ROOF INSULATION OR MEMBRANE AND SUPPORTED ON STRUCTURE UNLESS NOTED OTHERWISE.
I. ALL TRANSFER AIR DUCTS SHALL HAVE INTERIOR DUCT LINING. REFER TO THE SPECIFICATIONS FOR DUCT LINING REQUIREMENTS.
J. ALL DUCT FITTINGS SHALL BE LO-LOSS FITTINGS. ROUND TAPS INTO SQUARE DUCT SHALL BE CONICAL OR BELLMOUTH. SQUARE ELBOWS AND SQUARE OR RECTANGULAR SPLITTERS SHALL USE TURNING VANES. NON-SQUARE ELBOWS SHALL HAVE A MINIMUM RADIUS OF 1.5 TIMES THE RADIUS OF THE DUCT. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIRMENTS.
K. WHEN PENETRATING A NON-FIRE RATED WALL OR FLOOR WITH DUCTWORK OR PIPING, SEAL ANNULAR SPACE BETWEEN WALL/FLOOR AND MECHANICAL MATERIALS WITH NON-COMBUSTIBLE FIBERGLASS INSULATION AND JOINT SEALANTS APPROPRIATE FOR SIZE AND DEPTH AND SOUND ATTENUATION CONSIDERATION. REFER TO ARCHITECTURAL SPECIFICATIONS FOR NON FIRE RATED JOINT SEALANTS.
L. LOCATE ALL TEMPERATURE, PRESSURE, AND FLOW MEASURING DEVICES IN ACCESSIBLE LOCATIONS WITH STRAIGHT SECTION OF PIPE OR DUCT UP AND DOWNSTREAM AS RECOMMENDED BY THE MANUFACTURER FOR ACCURACY.
M. ALL WORK SHALL BE PERFORMED AND INSTALLED PER THE REQUIREMENTS OF ALL FEDERAL, STATE AND LOCAL CODES, LAWS, REGULATIONS, INSPECTION AGENCIES, UTILITY COMPANIES AND OTHER AUTHORITIES HAVING JURISDICTION.
N. OUTDOOR DESIGN CONDITIONS: SUMMER: 91 DB, 73 WB. WINTER: 6 DB.
O. GENERAL ROOM DESIGN CONDITIONS: SUMMER: 75 DB, 30-60% RH. WINTER: 70 DB.
P. THE USE OF FLEXIBLE DUCTWORK SHALL BE LIMITED TO AIR DEVICE CONNECTIONS AND BE A MAXIMUM OF 60" IN LENGTH.
Q. ALL 90° ELBOWS SHALL BE SHEET METAL.
R. DUCT RUN-OUTS TO DIFFUSERS SHALL BE SAME SIZE AS DIFFUSER NECK UNLESS NOTED OTHERWISE.
S. PROVIDE VOLUME CONTROL DAMPERS IN RUN-OUT DUCT TO ALL SUPPLY AIR DEVICES.
T. TURNING VANES SHALL BE INSTALLED IN ALL MITERED SUPPLY DUCT TURNS.
U. COORDINATE LOCATIONS OF ALL HVAC EQUIPMENT AND ACCESSORIES WITH OTHER TRADES.
V. MAINTAIN REQUIRED CLEARANCES FROM EXHAUST AND VENT LOCATIONS TO OUTSIDE AIR INTAKE AND OPERABLE DOORS & WINDOWS.
W. PROVIDE DUCT LINER PER SPECIFICATIONS FOR ALL SUPPLY DUCT,RETURN AND EXHAUST WITHIN 10' OF CONNECTION TO ALL AIR HANDLING EQUIPMENT INCLUDING ROOFTOP UNITS, FAN COILS, HEAT PUMPS, AIR HANDLERS AND WHERE INDICATED FOR SOUND ATTENUATION ONLY.
X. MECHANICAL CONTRACTOR TO DEMOLISH AND REMOVE ALL MECHANICAL EQUIPMENT, DUCTWORK, SUPPORTS, CONTROLS, PIPING, ETC. NOT REUSED IN THE FINAL DESIGN.
Y. THERMOSTATS SHALL BE MOUNTED WITH BOTTOM AT 44" ABOVE FINISHED FLOOR UNLESS OTHERWISE NOTED ON THERMOSTAT INSTALLATION DETAIL ON ELECTRICAL SHEETS.
Z. ON ONE-FOR-ONE EQUIPMENT REPLACEMENT PROJECTS, CONTRACTOR SHALL VERIFY THAT EQUIPMENT BEING INSTALLED AT EACH LOCATION IS SIMILAR IN SIZE TO EQUIPMENT PREVIOUSLY IN THAT LOCATION.
AA. DUCTS CONNECTING TO INLET AND DISCHARGE OF FCUs SHALL BE SAME SIZE AS BOX CONNECTION.
BB. NOTE FOR ALL AIR DEVICES: TERMINATE WITH BRANCH RUNOUTS AS SHOWN. DEFER INSTALLATION OF THE AIR DEVICES AND FLEX OR HARD CONNECTORS UNTIL THEY ARE COORDINATED WITH THE FINAL RENOVATION CEILING PLANS AND INSTALLATION.

SYMBOLS AND ABBREVIATIONS LEGEND
(THERE MAY BE SYMBOLS LISTED IN THIS LEGEND THAT ARE NOT USED IN THIS SET OF DRAWINGS)

PIPING SYMBOLS	DESCRIPTION
HHWS	HEATING HOT WATER SUPPLY PIPING
HHWR	HEATING HOT WATER RETURN PIPING
COND	CONDENSATE DRAIN PIPING
RS/L	REFRIGERANT SUCTION/LIQUID PIPING
	BALL VALVE
	BUTTERFLY VALVE
	PLUG VALVE
	CIRCUIT BALANCING VALVE
	CHECK VALVE
PRV-#	PRESSURE REDUCING VALVE
	3-WAY VALVE
	MOTORIZED CONTROL VALVE
	MOTORIZED 3-WAY CONTROL VALVE
	SOLENOID VALVE
	WYE STRAINER
	PIPE CONTINUATION
POC	POINT OF CONNECTION
POR	POINT OF REMOVAL
X	KEYNOTE NOTE

DUCTWORK SYMBOLS

	SUPPLY DIFFUSER
	RETURN GRILLE
	EXHAUST GRILLE
	BALANCING DAMPER
BDD	BACKDRAFT DAMPER
	SMOKE DAMPER
	FIRE DAMPER
	MOTORIZED CONTROL DAMPER
	INTERNALLY LINED DUCTWORK
	FLEXIBLE DUCTWORK

0.1" REFERENCE LINE

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312 Plum St., Ste 700
Cincinnati, OH 45202
513.381.2112
1086 North 4th St., Ste 111
Columbus, OH 43201
614.223.2124
223 Fairfield Ave., Ste 100
Bellevue, KY 41073
859.360.1234

JACOB A. FAIOLA
84724
REGISTERED
PROFESSIONAL ENGINEER
STATE OF OHIO

WINTON WOODS CITY SCHOOLS
EARLY CHILDHOOD RENOVATION
825 WAYCROSS ROAD, CINCINNATI, OHIO 45240

WINTON WOODS CITY SCHOOLS
825 WAYCROSS ROAD, SUITE A, CINCINNATI, OHIO 45240

ISSUANCES

04-28-23	BID/PERMIT

MECHANICAL SCHEDULES, LEGENDS AND DETAILS

DATE 10-14-22

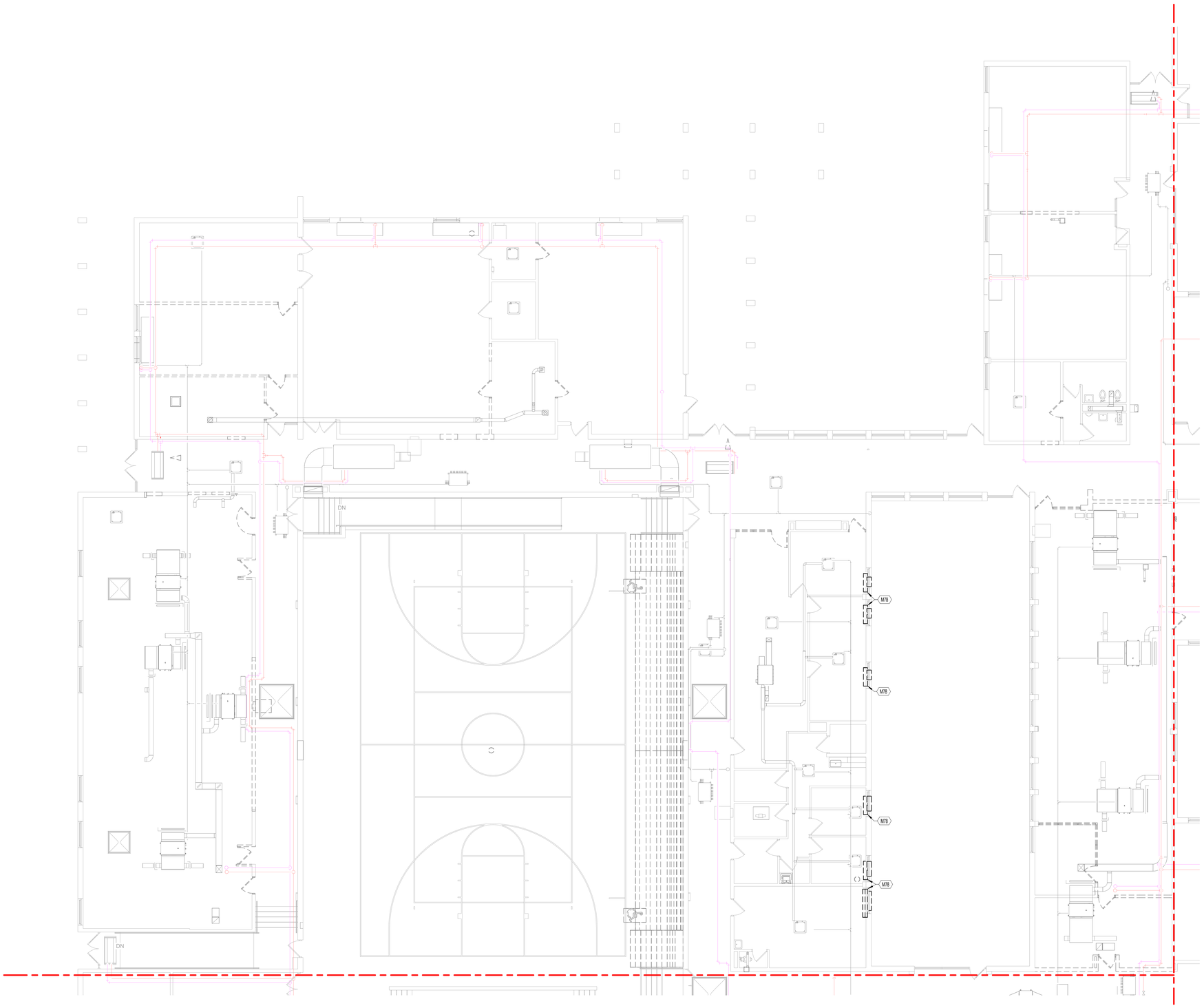
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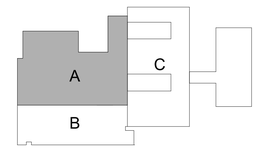
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KEYNOTES

M78 REMOVE EXISTING UNIT VENT. LEAVE LOUVER IN PLACE. PROVIDE INSULATED METAL PANEL BEHIND LOUVER. SEAL WEATHER TIGHT.



1 / M010 FIRST FLOOR RENO DEMOLITION PLAN - AREA A
1/8" = 1'-0"



KEY PLAN
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Cincinnati, OH 45202 | Columbus, OH 43201 | Bellevue, KY 41073
513.381.2112 | 614.255.2124 | 859.360.1234

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825 WAYCROSS ROAD, CINCINNATI, OHIO 45240

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MECHANICAL RENO DEMOLITION PLAN AREA A

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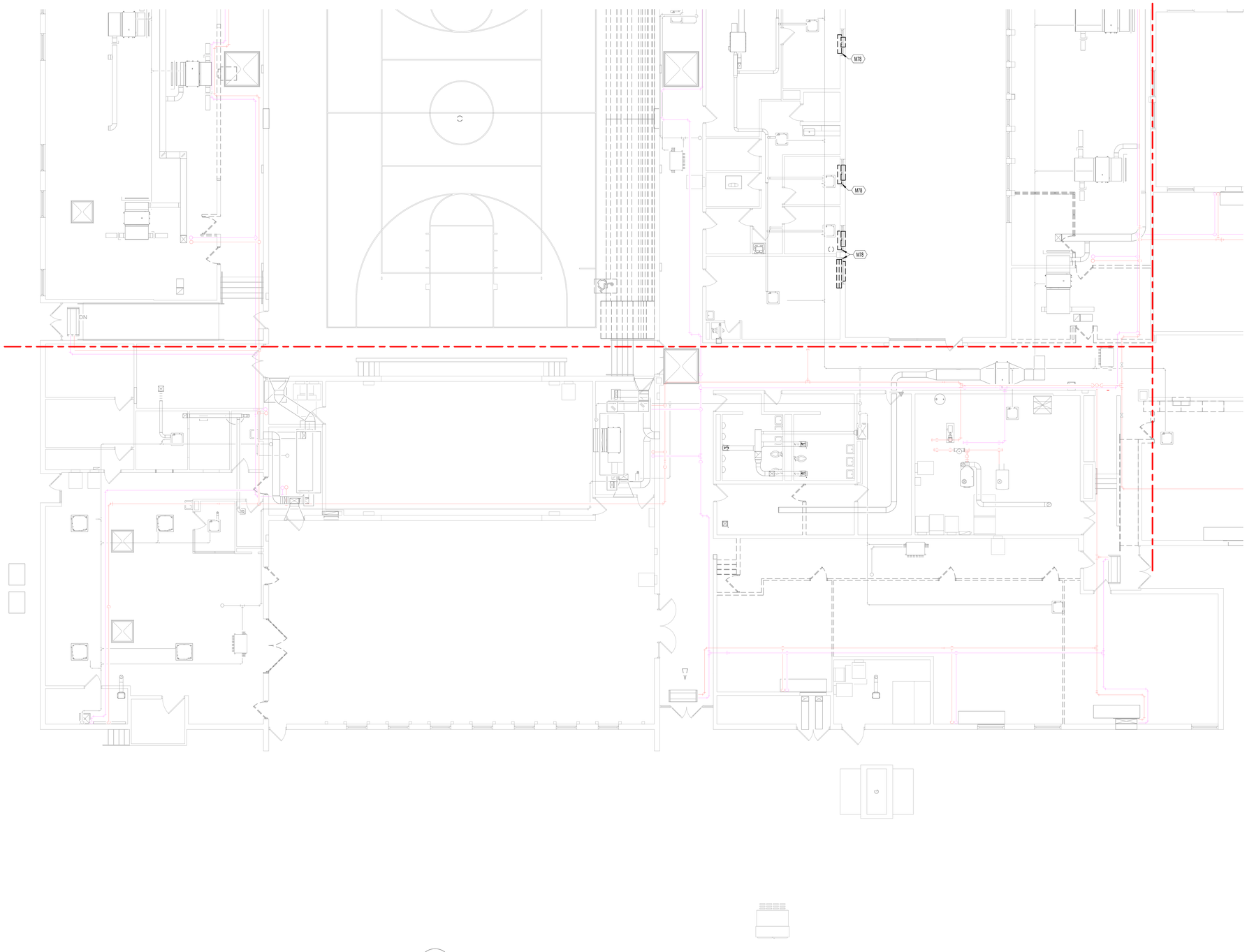
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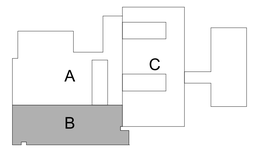
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KEYNOTES

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1 / M011 FIRST FLOOR RENO DEMOLITION PLAN - AREA B
1/8" = 1'-0"



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Columbus, OH 43201
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MECHANICAL
RENO
DEMOLITION
PLAN AREA B

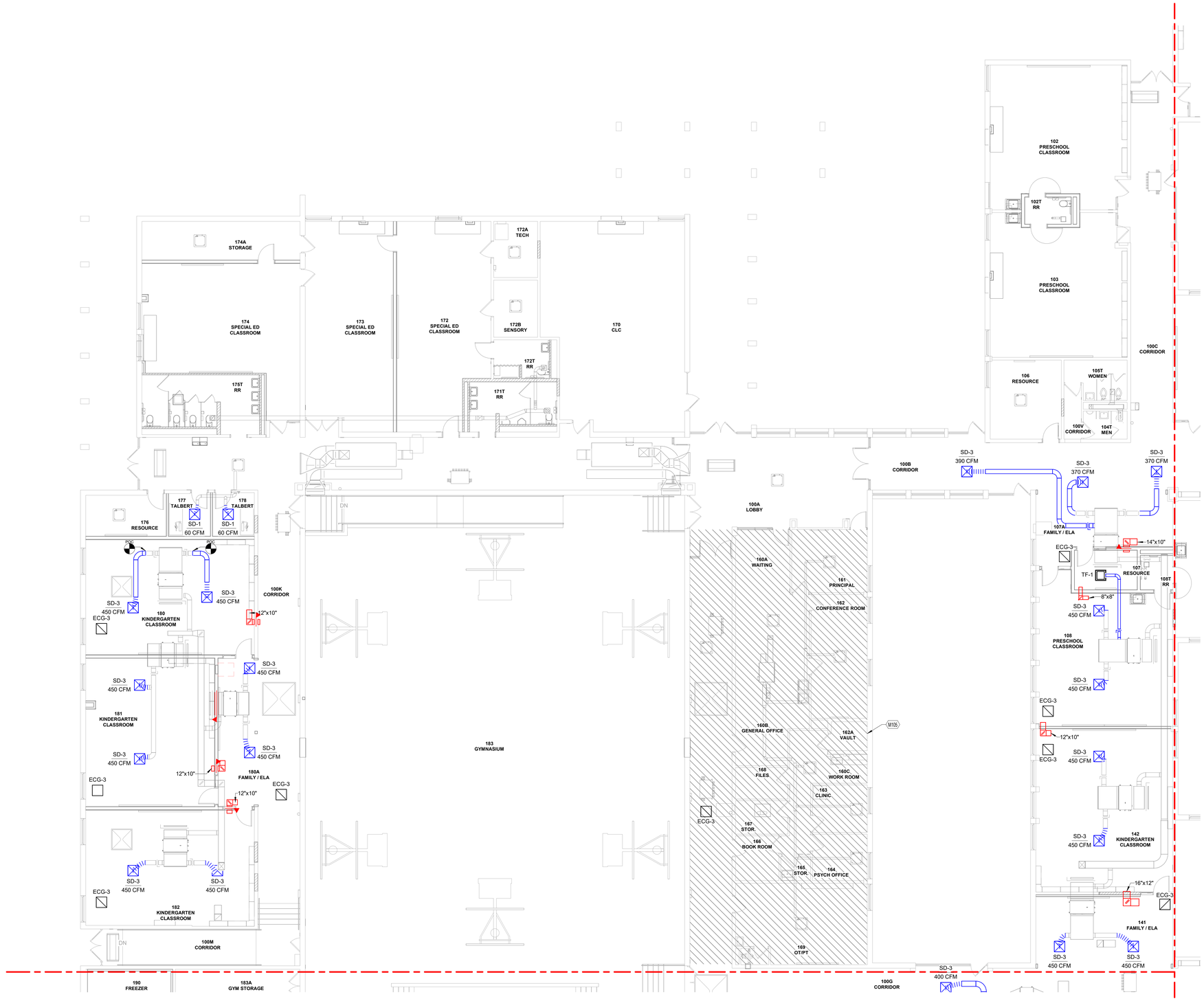
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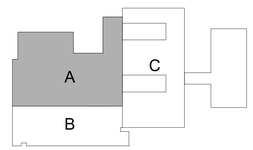
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1 M100 FIRST FLOOR RENO DUCTWORK PLAN - AREA A
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JACOB A. FAIOLA
84724
REGISTERED
STATE OF OHIO
PROFESSIONAL ENGINEER

WINTON WOODS CITY SCHOOLS
EARLY CHILDHOOD RENOVATION
825 WAYCROSS ROAD, CINCINNATI, OHIO 45240

WINTON WOODS CITY SCHOOLS
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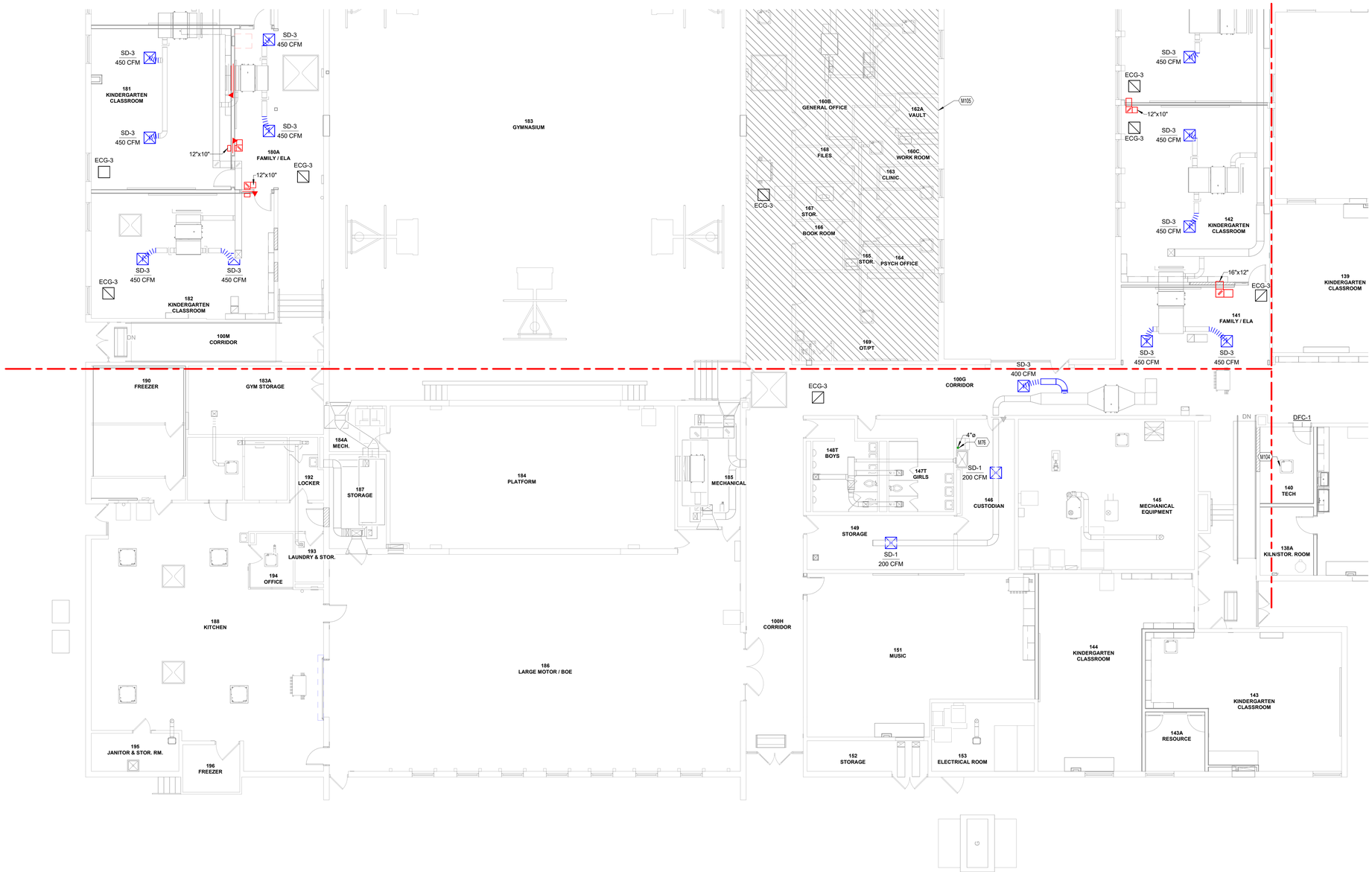
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KEYNOTES

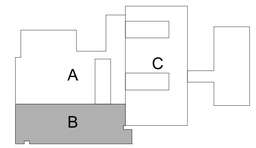
M76 DRYER VENT UP TO GOOSENECK ON ROOF.

M104 REMOVE CASSETTE AND TURNOVER TO OWNER.

M105 CASSETTES IN THIS AREA HAVE ALREADY BEEN PURCHASED AND TURNED OVER TO OWNER. CONTRACTOR TO INSTALL DURING PHASE 2.



1 / M101 FIRST FLOOR RENO DUCTWORK PLAN - AREA B
1/8" = 1'-0"



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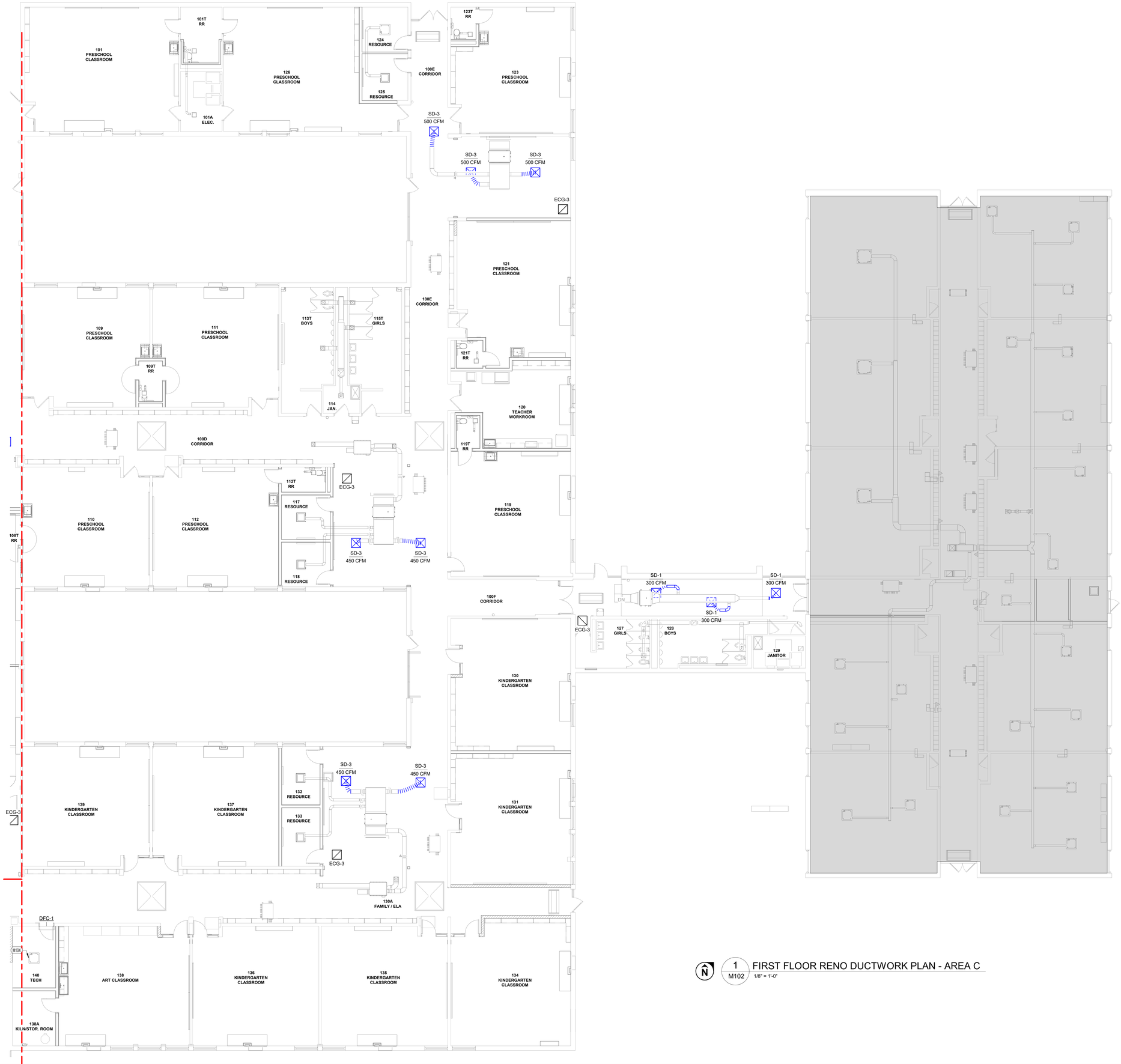
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DATE 10-14-22

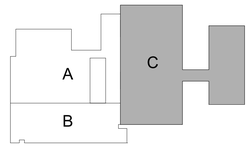
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1 M102 FIRST FLOOR RENO DUCTWORK PLAN - AREA C
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KEY PLAN
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"0'-1" REFERENCE LINE"

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EARLY CHILDHOOD RENOVATION
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FIRST FLOOR RENO DUCTWORK PLAN AREA C

DATE 10-14-22

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M102

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LIGHTING FIXTURE LEGEND

LIGHTING FIXTURE TAGS

- CAPITAL LETTER WITH NUMBER DENOTES FIXTURE TYPE - REFER TO LIGHT FIXTURE SCHEDULE BELOW.
- SMALL LETTER DENOTES SWITCH LEG/RELAY NUMBER - REFER TO E100 SERIES DRAWINGS FOR TYPICAL ROOM LAYOUTS.

STANDARD LIGHTING FIXTURE SYMBOLS

- A10 r — 2'x4' RECESSED TROFFER
- A20 r — 2'x2' RECESSED TROFFER
- A20 r — 1'x4' RECESSED TROFFER
- C10 r — LINEAR PENDANT
- D10 r — RECESSED DOWNLIGHT
- G10 r — CYLINDRICAL PENDANT

EMERGENCY LIGHTING FIXTURES

- GRAY FILLED IN AREA DENOTES EMERGENCY FIXTURE.
- CONNECT TO EMERGENCY POWER CIRCUIT AHEAD OF SWITCHING.
- NL DENOTES NIGHT LIGHT.

- E10 — DUAL HEAD EMERGENCY FIXTURE
- X10 — EXIT SIGN
  - SHADED AREA DENOTES FACE
  - ARROW DENOTES ARROW DIRECTION
- A10 NL — 2'x4' RECESSED TROFFER - NIGHT LIGHT

GENERAL NOTES - LIGHTING FIXTURES

A. ALL FIXTURES MARKED 'ED' ARE EXISTING TO BE DEMOLISHED. VERIFY SERVING PANEL AND CIRCUIT NUMBER PRIOR TO DISCONNECTION. REMOVE LIGHTING BRANCH CIRCUITING ABOVE FINISHED CEILING. MAINTAIN HOME RUN CONDUIT FOR CONNECTION TO NEW FIXTURES.

B. REFER TO LIGHTING CONTROL SCHEMATICS AND LIGHTING CIRCUIT SCHEDULES ON E500 SERIES DRAWINGS.

LIGHT FIXTURE SCHEDULE

FIXTURE TYPE	FIXTURE BASIS OF DESIGN	ALTERNATE MANUFACTURERS	FIXTURE DESCRIPTION	LAMP	LIGHT DISTRIBUTION	MINIMUM LUMEN OUTPUT	COLOR TEMPERATURE	DRIVER	VOLTAGE	MAXIMUM WATTAGE	MOUNTING METHOD	TYPE COMMENTS
A30	LITHONIA EPANL	COLUMBIA CFP, LSI SFP, PHILIPS FXP, RAB EZPAN	RECESSED TROFFER, FLAT PANEL, EDGE-LIT, STEEL CONSTRUCTION, DLC RATED, 2' x 4' x 2-1/4"	LED	STANDARD	3000 lm	4000 K	LED DRIVER WITH 0-10V DIMMING	120 V	26 VA	CEILING GRID	
A31	LITHONIA EPANL	COLUMBIA CFP, LSI SFP, PHILIPS FXP, RAB EZPAN	RECESSED TROFFER, FLAT PANEL, EDGE-LIT, STEEL CONSTRUCTION, DLC RATED, 2' x 4' x 2-1/4"	LED	STANDARD	4000 lm	4000 K	LED DRIVER WITH 0-10V DIMMING	120 V	38 VA	CEILING GRID	
A32	LITHONIA EPANL	COLUMBIA CFP, LSI SFP, PHILIPS FXP, RAB EZPAN	RECESSED TROFFER, FLAT PANEL, EDGE-LIT, STEEL CONSTRUCTION, DLC RATED, 2' x 4' x 2-1/4"	LED	STANDARD	4800 lm	4000 K	LED DRIVER WITH 0-10V DIMMING	120 V	46 VA	CEILING GRID	
A33	LITHONIA EPANL	COLUMBIA CFP, LSI SFP, PHILIPS FXP, RAB EZPAN	RECESSED TROFFER, FLAT PANEL, EDGE-LIT, STEEL CONSTRUCTION, DLC RATED, 2' x 4' x 2-1/4"	LED	STANDARD	6000 lm	4000 K	LED DRIVER WITH 0-10V DIMMING	120 V	50 VA	CEILING GRID	
C12	LITECONTROL 4L-P-ID	HE WILLIAMS MX4, LUMENWERX VIA4, LUX ILLUMINAIRE EOS 4.0, MARK ARCHITECTURAL LIGHTING SL4L	LINEAR PENDANT, INDIRECT/DIRECT DISTRIBUTION, SOFT DIFFUSE LENS, COLOR TO BE SELECTED BY ARCHITECT, 4" WIDE x 8' LONGLINEAR PENDANT, INDIRECT/DIRECT DISTRIBUTION, SOFT DIFFUSE LENS, COLOR TO BE SELECTED BY ARCHITECT, 4" WIDE x 8' LONG	LED	300 LPF UP, 1000 LPF DOWN	10400 lm	4000 K	LED DRIVER WITH 0-10V DIMMING	120 V	80 VA	CABLE MOUNTED	MOUNT AT 12'-0" AFF
C32	LITECONTROL 4L-P-D	HE WILLIAMS MX4, LUMENWERX VIA4, LUX ILLUMINAIRE EOS 4.0, MARK ARCHITECTURAL LIGHTING SL4L	LINEAR PENDANT, DIRECT DISTRIBUTION, SOFT DIFFUSE LENS, COLOR TO BE SELECTED BY ARCHITECT, 4" WIDE x 8' LONG	LED	1000 LPF DOWN	8000 lm	4000 K	LED DRIVER WITH 0-10V DIMMING	120 V	72 VA	CABLE MOUNTED	MOUNT AT 15'-0" AFF
D20	PRESCOLITE LF6SL	INDY L6, LSI LAD6, PHILIPS LIGHTOLIER OM6LED, PORTFOLIO LD6A	RECESSED DOWN LIGHT, ROUND, PAINTED WHITE TRIM, SEMI-SPECULAR ALZAK REFLECTOR, 6" DIAMETER	LED	STANDARD	1100 lm	4000 K	LED DRIVER WITH 0-10V DIMMING	120 V	11 VA	CEILING RECESSED	
D21	PRESCOLITE LF6SL	INDY L6, LSI LAD6, PHILIPS LIGHTOLIER OM6LED, PORTFOLIO LD6A	RECESSED DOWN LIGHT, ROUND, PAINTED WHITE TRIM, SEMI-SPECULAR ALZAK REFLECTOR, 6" DIAMETER, WET LOCATION RATED	LED	STANDARD	1500 lm	4000 K	LED DRIVER WITH 0-10V DIMMING	120 V	17 VA	CEILING RECESSED	
D30	LITHONIA WF4	LITELINE SLMPRO4, PHILIPS FD, WAC LIGHTING FM-07RN	RECESSED WAFER MODULE DOWN LIGHT, ROUND, PAINTED WHITE TRIM, 4" DIAMETER	LED	STANDARD	750 lm	4000 K	LED DRIVER WITH 0-10V DIMMING	120 V	10 VA	CEILING RECESSED	
E10	DUAL-LITE LZ2	BARRON LED-60, LSI EAS, LITHONIA ELM2, SURE-LITES SEL25	EMERGENCY LIGHT, DUAL HEAD, THERMOPLASTIC, WHITE FINISH, INTEGRAL BATTERY PACK	LED	N/A			N/A	120 V	6 VA	CEILING / WALL MOUNTED	
F10	LITHONIA ZL1F	COLUMBIA MPS4, LSI SDL, METALUX 4SNLED, PHILIPS FSSEZ	INDUSTRIAL LINEAR STRIP, STEEL HOUSING, 4' LONG	LED	STANDARD	4000 lm	4000 K	LED DRIVER	120 V	40 VA	CHAIN MOUNTED	MOUNT AT 7'-6" AFF
F11	LITHONIA WL4	COLUMBIA MPS4, LSI SDL, METALUX 4SNLED, PHILIPS FSSEZ	INDUSTRIAL LINEAR STRIP, STEEL HOUSING, WIRE GUARD, 4' LONG	LED	STANDARD	4000 lm	4000 K	LED DRIVER	120 V	40 VA	CHAIN MOUNTED	MOUNT AT X'-X" AFF
H11	LITHONIA IBL	METALUX HBLED, GE ALBEO ABV1	HIGH BAY FIXTURE, RECTANGULAR, WIRE GUARD, 46" x 16" x 3" DEEP	LED	WIDE	24000 lm	4000 K	LED DRIVER WITH 0-10V DIMMING	120 V	200 VA	CHAIN MOUNTED	REFER TO MOUNTING DETAIL 3/E501
W10	LITHONIA WPX0	TBD	EXTERIOR WALL PACK, SINGLE PIECE ALUMINUM HOUSING, WEATHERPROOF, INTEGRAL PHOTOCELL, FINISH SELECTED BY ARCHITECT	LED	MEDIUM	1500 lm	4000 K	LED DRIVER	120 V	12 VA	WALL MOUNTED	MOUNT AT 8'-0" AFF
X10	DUAL-LITE SE	SURE-LITES CX, LITHONIA LE, BARRON 400U, LSI EXC	EXIT SIGN, SINGLE FACE, RED LETTERS, CAST ALUMINUM, DIRECTIONAL ARROWS AS SHOWN ON PLANS, WHITE HOUSING	LED	N/A	0 lm	0 K	N/A	120 V	2 VA	CEILING/WALL MOUNTED	WIRED TO UNSWITCHED CIRCUIT
X12	DUAL-LITE SE	SURE-LITES CX, LITHONIA LE, BARRON 400U, LSI EXC	EXIT SIGN, DOUBLE FACE, RED LETTERS, CAST ALUMINUM, DIRECTIONAL ARROWS AS SHOWN ON PLANS, WHITE HOUSING	LED	N/A	0 lm	0 K	N/A	120 V	4 VA	CEILING/WALL MOUNTED	WIRED TO UNSWITCHED CIRCUIT
X30	DUAL-LITE EVE4X	APPROVED EQUALS	EXIT SIGN, SINGLE FACE, RED LETTERS, POLYCARBONATE, EXTERIOR RATED, DIRECTIONAL ARROWS AS SHOWN ON PLANS, WHITE HOUSING, [EMERGENCY BATTERY BACKUP]	LED	N/A	1380 lm	3200 K	N/A	120 V	5 VA	CEILING/WALL MOUNTED	WIRED TO UNSWITCHED CIRCUIT

DRAFTING SYMBOL LEGEND

SYMBOL	DESCRIPTION
X	DRAWING KEY NOTE ONLY NOTES THAT APPLY APPEAR ON EACH SHEET. KEY NOTE NUMBERS ARE CONSISTENT FROM SHEET TO SHEET, AND THEREFORE MAY NOT APPEAR IN NUMERICAL ORDER.
2 / E501	DETAIL CALLOUT REFER TO DETAIL 2 ON SHEET E501

26-ELECTRICAL SHEET LIST - RENO

SHEET NUMBER	SHEET NAME
E000	ELECTRICAL LEGENDS
E010	FIRST FLOOR DEMO PLAN AREA A
E011	FIRST FLOOR DEMO PLAN AREA B
E012	FIRST FLOOR DEMO PLAN AREA C
E100	FIRST FLOOR LIGHTING PLAN AREA A
E101	FIRST FLOOR LIGHTING PLAN AREA B
E102	FIRST FLOOR LIGHTING PLAN AREA C
E200	FIRST FLOOR POWER PLAN AREA A
E201	FIRST FLOOR POWER PLAN AREA B
E202	FIRST FLOOR POWER PLAN AREA C
E203	ROOF POWER PLAN
E300	FIRE ALARM PLAN AREA A
E301	FIRE ALARM PLAN AREA B
E302	FIRE ALARM PLAN AREA C
E303	FIRE ALARM PLAN AREA C Copy 1
E400	PANEL SCHEDULES
E401	PANEL SCHEDULES
E402	PANEL SCHEDULES
E403	PANEL SCHEDULES
E500	ELECTRICAL DETAILS
E501	LIGHTING CONTROL DETAILS
E502	LIGHTING CONTROL DETAILS
E520	ENLARGED KITCHEN PLAN
E600	ELECTRICAL SINGLE LINE DIAGRAM

GENERAL NOTES: - APPLIES TO ALL ELECTRICAL DRAWINGS

A. EC SHALL BE RESPONSIBLE TO INSTALL A SWITCH BOX AND 3/4" CONDUIT TO ABOVE THE CEILING IN EACH ROOM FOR TEMPERATURE CONTROL THERMOSTAT. REFER TO THE MECHANICAL DRAWINGS FOR LOCATIONS OF THESE DEVICES.

B. EC MAY COMBINE MULTIPLE CIRCUITS INTO HOME RUNS. NO MORE THAN 3 CIRCUITS SHALL BE IN EACH HOME RUN CONDUIT, AND THE WIRE MUST BE DERATED IN ACCORDANCE WITH NEC. THESE CIRCUITS SHALL BE REQUIRED TO BE ON SEPARATE PHASES (A,B,C).

C. EC SHALL DERATE WIRE IN LONG RUNS ACCORDING TO THE WIRE SIZING TABLE SHOWN BELOW:

WIRE SIZING CHART

RUN LENGTH		CIRCUIT BREAKER		
120V	277V	20A	30A	40A
000-100'	000-200'	12	10	8
101-150'	201-300'	10	8	6
151-200'	301-450'	8	6	4

D. WHERE ELECTRICAL LOAD ON A CIRCUIT IS OVER 20 AMPERES, EACH CIRCUIT SHALL BE RUN IN A SEPARATE CONDUIT TO THE PANELBOARD.

E. ALL VAV BOXES, EXHAUST FANS, MOTORS, MISC. HVAC EQUIPMENT, APPLIANCES, ETC. INDICATED ON THESE DRAWINGS SHALL HAVE A MOTOR RATED SWITCH LOCATED NEAR THE MOTOR FOR SERVICING. PROVIDE DISCONNECTING MEANS AS REQUIRED BY THE NEC.

F. ALL PANELBOARDS SHALL BE INSTALLED 72" AFF TO THE TOP OF THE PANEL. PROVIDE 10% SPARE CONDUITS (MINIMUM OF 4) TO ABOVE THE CEILING FOR FUTURE.

G. HEIGHT DIMENSIONS SHOWN ON THIS PLAN ARE MEASURED FROM THE BOTTOM OF THE DEVICE. HORIZONTAL DIMENSIONS ARE MEASURED TO THE CENTER OF THE DEVICE OR GROUP OF DEVICES WHICH THE DIMENSION PERTAINS TO.

H. FOR LIGHT FIXTURE MOUNTING DETAILS, SEE LUMINAIRE SCHEDULE, ON SHEET E000.

FIRE ALARM LEGEND

FIRE ALARM DRAWINGS INDICATE A BASIS OF DESIGN FOR LOCATIONS AND QUANTITIES OF DEVICES, APPLIANCES, CONTROL PANELS, ETC. FIRE ALARM SYSTEM DESIGNER SHALL REVISE THE PLANS AS REQUIRED TO MEET ALL CODE AND PROJECT REQUIREMENTS. FIRE ALARM SYSTEM SHALL BE DESIGNED BY A LICENSED FIRE ALARM SYSTEM DESIGNER. REFER TO SPECIFICATIONS FOR ALL DEVICE MOUNTING HEIGHTS.

NOTIFICATION APPLIANCES

WALL MOUNTED: 75cd F XX

CEILING MOUNTED: 75cd F XX

CANDELA RATING (75 IF NOT NOTED)

F INDICATES DEVICE DESIGNATION

EG	ELECTRIC GONG
H	HORN ONLY (▶)
S	STROBE ONLY (▶)
SP	SPEAKER ONLY (▶)
SS	SPEAKER/STROBE COMBO
HS	HORN/STROBE COMBO

XX INDICATES SPECIAL FEATURES

WG	WIRE GUARD
WP	WEATHERPROOF

INITIATING DEVICES

XX

XX INDICATES DEVICE TYPE

F	MANUAL PULL STATION
RTS	REMOTE TEST SWITCH
PS	PRESSURE SWITCH
IAM	INPUT ADDRESSABLE MODULE
K	KEY BOX

DETECTOR: X D

DUCT SMOKE DETECTOR(S) SHALL BE INSTALLED IN EACH RETURN AIR DUCT(S) PER MANUFACTURER'S WRITTEN INSTRUCTIONS. PROVIDE RELAY TO SHUTDOWN HVAC EQUIPMENT.

X INDICATES DETECTOR TYPE

CO	CARBON MONOXIDE DETECTOR
H	HEAT DETECTOR
S	SMOKE TETECTOR

DAMPER: D Y

Y INDICATES DAMPER TYPE

F	FIRE DAMPER
FS	FIRE AND SMOKE DAMPER
S	SMOKE DAMPER

PANELS

XXXX

XXXX INDICATES PANEL TYPE

FACP	FIRE ALARM CONTROL PANEL
FAP	POWER EXTENDER PANEL
FAA	REMOTE ANNUNCIATOR PANEL

ACCESSORY DEVICES

XX

XX INDICATES DEVICE TYPE

FHO	FIRE DOOR HOLD OPEN
R	RELAY

WIRING DEVICE LEGEND

MOUNTING HEIGHT OF BACKBOX, RELATIVE TO BOTTOM OF BOX. IF OMITTED, DEFAULT MOUNTING HEIGHT IS 16"

XX"

XX INDICATES SPECIAL NOTE (IF USED)

AV	AUDIO/VISUAL OUTLET
CO	COPIER
D	DRYER
EWC	ELECTRIC WATER COOLER
M	MICROWAVE @ 60"AFF
P	PROJECTOR @ 100" AFF
PR	PRINTER
REF	REFRIGERATOR @ 60"AFF
TR	TECH RACK
TU	TECH ROOM UTILITY RECEPTACLE
V	VENDING MACHINE @ 60"AFF
WP	WEATHER PROOF

DUPLEX

DOUBLE-DUPLEX

J INDICATES DEVICE DESIGNATION (IF USED)

J JUNCTION BOX

VCP	VRF CONTROL PANEL

GFI — GROUND FAULT PROTECTED

GFI — GROUND FAULT PROTECTED, ABOVE COUNTER

TECHNOLOGY SYMBOL LEGEND

MOUNTING HEIGHT OF BACKBOX, RELATIVE TO BOTTOM OF BOX. IF OMITTED, DEFAULT MOUNTING HEIGHT IS 16"

XX"

XX INDICATES TYPE OF TECHNOLOGY OUTLET [REFER TO LEGEND ON SHEET T001]

TECHNOLOGY OUTLET

TECHNOLOGY OUTLET TYPES

2D	(2) DATA OUTLETS
AV	AUDIO/VISUAL OUTLET
P	PROJECTOR @ 100' AFF
TC	TEACHER COMPUTER STATION
TR	TECHNOLOGY RACK
TV	TELEVISION
WAP	WIRELESS ACCESS POINT

SYMBOL	DESCRIPTION	MOUNTING HEIGHT
	SHORT THROW PROJECTOR	WALL MOUNTED REFER TO DETAIL 1/E500
	PROJECTOR	CEILING MOUNTED
	PAN / TILT / ZOOM SECURITY CAMERA WALL MOUNT	*MOUNT AS SHOWN BELOW UNLESS OTHERWISE NOTED* INTERIOR - CEILING OR 9'-0" AFF EXTERIOR - 11'-6" AFF
TV-XX	TELEVISION XX INDICATES SCREEN SIZE	REFER TO ARCHITECTURAL ELEVATIONS
TV-XX	MOBILE TV CART XX INDICATES SCREEN SIZE	FLOOR
	CABLE TRAY SEE PLANS FOR SIZE	CEILING SUSPENDED
	CONDUIT SLEEVE	9'-6" AFF

LIGHTING CONTROL SYMBOL LEGEND

SYMBOL	DESCRIPTION	MOUNTING HEIGHT
XX / 3 / LIGHTING SWITCH / # OF "X" INDICATES NUMBER OF SWITCHES	XX INDICATES SWITCH TYPE. IF OMITTED, SWITCH IS SINGLE POLE. SWITCH TYPES 3 3 WAY 4 4 WAY CS1 CLASSROOM SWITCH GS1 GYM LIGHTING CONTROLS, PROVIDE CLEAR, HINGED, POLYCARBONATE COVER FOR PROTECTION KS1 KITCHEN SWITCH OS1 OCCUPANCY SENSOR OSD OCCUPANCY SENSOR WITH DIMMING T TIMER SWITCH D DIMMING SWITCH	

ACCESS CONTROL SYMBOL LEGEND

SYMBOL	DESCRIPTION	MOUNTING HEIGHT
CR	CREDENTIAL READER	WALL MOUNTED REFER TO DETAIL 2/E500
DHO	MAGNETIC DOOR HOLD OPEN	WALL MOUNTED REFER TO DETAIL 2/E500
DPS	DOOR POSITION SWITCH	DOOR FRAME
DR	DOOR RELEASE BUTTON	CASEWORK MOUNTED REFER TO F-SERIES SHEETS
EL	ELECTRONIC LATCH	DOOR FRAME
FHO	FIRE ALARM SYSTEM MAGNETIC DOOR HOLD OPEN	WALL MOUNTED REFER TO DETAIL 2/E500
HA	HANDICAP ACTUATOR	DOOR FRAME
HC	HANDICAP OPERATOR	WALL MOUNTED REFER TO DETAIL 2/E500
VI	VIDEO INTERCOM STATION	WALL MOUNTED REFER TO DETAIL 2/E500
VIM	VIDEO INTERCOM MASTER STATION	CASEWORK MOUNTED REFER TO F-SERIES SHEETS

CONDUCTOR AND CONDUIT COLOR CODING

APPLICATION	COLOR
PHASE A CONDUCTOR	BROWN (480V), BLACK (208V)
PHASE B CONDUCTOR	ORANGE (480V), RED (208V)
PHASE C CONDUCTOR	YELLOW (480V), BLUE (208V)
NEUTRAL CONDUCTOR	GREY (480V), WHITE (208V)
GROUND CONDUCTOR	GREEN
CONTROL CONDUCTOR, 120V	RED
CONTROL CONDUCTOR, NEU	WHITE
CONTROL CONDUCTOR, 24V	BLUE
CONTROL CONDUCTOR, EXTERNAL SOURCE	YELLOW

ABBREVIATIONS:

EMT	ELECTRICAL METALLIC TUBING
IMC	INTERMEDIATE METAL CONDUIT
FMC	FLEXIBLE METALLIC CONDUIT
LFMC	LIQUIDTIGHT FLEXIBLE METALLIC CONDUIT
MC	METAL CLAD CABLE
RNC	RIGID NONMETALLIC CONDUIT
RSC	RIGID STEEL CONDUIT

WIRING METHODS SCHEDULE

APPLICATION		LOCATION	ALLOWABLE CONDUIT AND RACEWAY TYPE	OUTLET BOXES	CONDUIT BODIES	ENCLOSURE TYPE	FASTENERS/ SUPPORTS	CONDUIT AND RACEWAY NOTES:
INTERIOR APPLICATIONS	CONCEALED	CMU WALLS	EMT	STEEL METAL	CAST ALUMINIUM	NEMA 1	ZINC PLATED	-MINIMUM CONDUIT SIZE 3/4"C
		METAL STUD PARTITIONS	EMT AND MC					
		ABOVE ACCESSIBLE CEILINGS	EMT AND MC					
	EXPOSED	FINISHED SPACES *(SEE NOTE A)*	SURFACE RACEWAY	STEEL METAL	CAST ALUMINIUM	NEMA 1	ZINC PLATED	-MINIMUM SIZE 3/4"C
		UNFINISHED SPACES *(SEE NOTE A)*	EMT					
		FINAL CONNECTION TO MOTORIZED EQUIPMENT	FMC (PLENUMS) LFMC (NON-PLENUMS)					
EXTERIOR APPLICATIONS	BELOW GRADE	FEEDERS	RNC					-MINIMUM SIZE 1"C -DO NOT ROUTE BRANCH CIRCUITS UNDER SLAB UNLESS OTHERWISE NOTED ON THE PLANS.
		BRANCH CIRCUITS	RNC					
	ABOVE GRADE	FINAL CONNECTION TO MOTORIZED EQUIPMENT	LFMC	GALVANIZED MALLEABLE IRON	GALVANIZED MALLEABLE IRON	NEMA 3R	GALVANIZED	-CONDUIT SHALL ENTER FROM SIDE OR BOTTOM WHERE PRACTICAL. -PROVIDE WATERTIGHT HUBS FOR CONDUIT CONNECTION.
		ALL OTHER LOCATIONS	IMC AND RSC					

NOTES:
A) UNFINISHED SPACES INCLUDE DEDICATED MECHANICAL, ELECTRICAL, AND TECHNOLOGY ROOMS ONLY. UNLESS OTHERWISE INDICATED ON DRAWINGS, TREAT ALL OTHER SPACES AS FINISHED SPACES.

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ELECTRICAL LEGENDS

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DEMOLITION DRAWING NOTES

A. DRAWING IS BASED ON FIELD OBSERVATIONS AND EXISTING DRAWINGS. NOTIFY CM OF DISCREPANCIES DUE TO ACTUAL FIELD CONDITIONS BEFORE PROCEEDING.

B. FIXTURES, DEVICES, AND EQUIPMENT DENOTED BY BOLD, DASHED LINE TYPE OR LABELLED BY ED GENERALLY INDICATES EQUIPMENT TO BE DEMOLISHED. REFER TO DRAWING NOTES AND KEYNOTES FOR FULL EXTENT OF ASSOCIATED DEMOLITION WORK AND ITEMS TO REMAIN. UNLESS OTHERWISE NOTED, REMOVE WIRING BACK TO ABOVE FINISHED CEILING. MAINTAIN CIRCUITS FOR CONNECTION TO NEW DEVICES. REFER TO E200 SERIES DRAWINGS.

C. PROVIDE BLANK COVERS FOR RECESSED BACKBOXES MADE AVAILABLE THROUGH DEMOLITION, UNLESS NOTED FOR REUSE. REFER TO E200 SERIES DRAWINGS.

D. REFER TO SPECIFICATION SECTION 017419 FOR CONSTRUCTION WASTE MANAGEMENT AND DISPOSAL REQUIREMENTS.

KEYNOTES

ED3 DISCONNECT EXISTING HVAC EQUIPMENT. REMOVE WIRING BACK TO SERVING PANEL OR LAST ACTIVE DEVICE. IF EQUIPMENT IS ON DEDICATED CIRCUIT - MARK CIRCUIT AS SPARE.

ED5 DISCONNECT AND REMOVE EXISTING FIXTURES AND LIGHTING CONTROLS WITHIN SPACE ALONG WITH WIRING BACK TO SERVING PANEL.

ED7 DISCONNECT AND REMOVE EXISTING TECHNOLOGY DEVICES WITHIN SPACE ALONG WITH WIRING BACK TO SERVING EQUIPMENT.

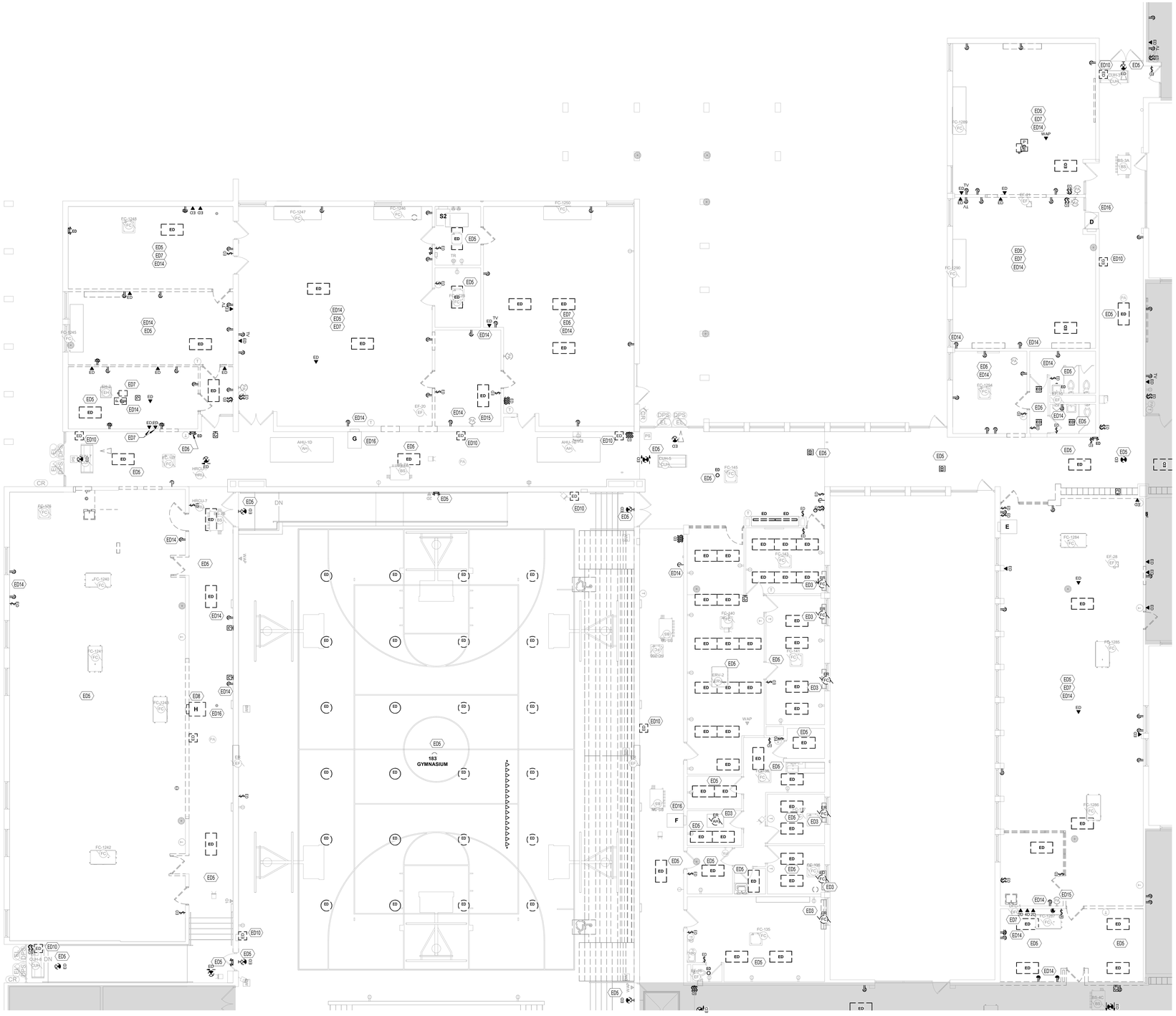
ED8 DISCONNECT AND RELOCATE EXISTING PANEL. EXTEND FEEDER AND BRANCH CIRCUITS TO RELOCATED PANEL LOCATION. REFER TO POWER PLAN.

ED10 DISCONNECT AND REMOVE EXISTING FIRE ALARM DEVICES AND WIRING. REMOVE WIRING BACK TO LAST ACTIVE DEVICE.

ED14 DISCONNECT AND REMOVE EXISTING ELECTRICAL RECEPTACLES AND DEVICES WITHIN SPACE ALONG WITH WIRING BACK TO SERVING PANEL.

ED15 DISCONNECT AND REMOVE EXISTING SPEAKER.

ED16 DISCONNECT AND REMOVE EXISTING UNAPPROVED BRANCH CIRCUIT WIRING (ROMEX). MAINTAIN CONTINUITY OF BRANCH CIRCUITS NOT SCHEDULED FOR DEMOLITION BY PROVIDING NEW MC CABLE, PROPERLY SUPPORTED AND SIZED FOR LOAD AND CIRCUIT DISTANCE.



1 / E010 FIRST FLOOR DEMO PLAN AREA A - RENO
1/8" = 1'-0"

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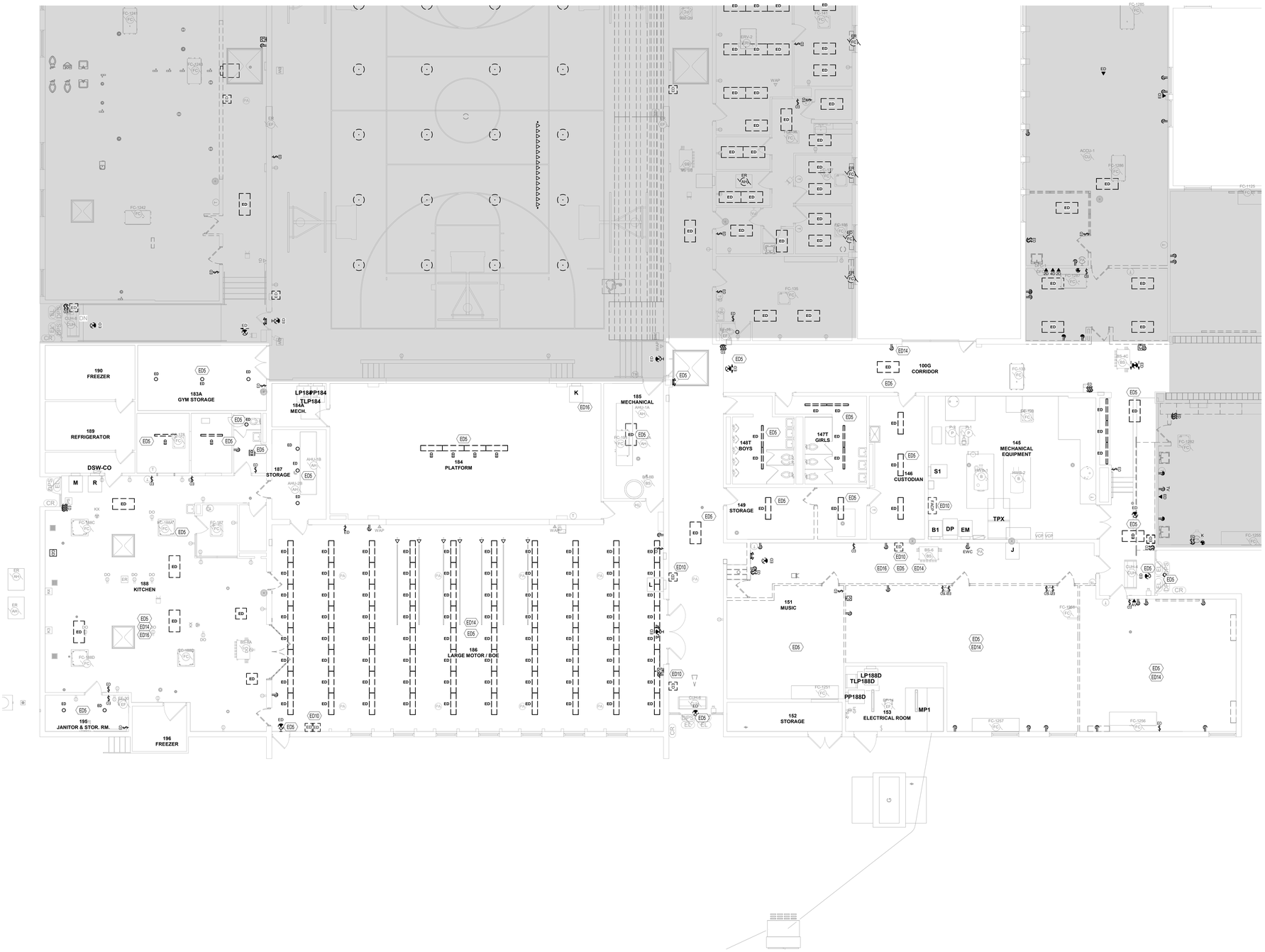
KEYNOTES

ED5 DISCONNECT AND REMOVE EXISTING FIXTURES AND LIGHTING CONTROLS WITHIN SPACE ALONG WITH WIRING BACK TO SERVING PANEL.

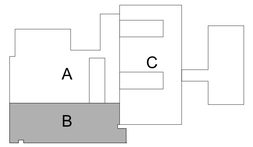
ED10 DISCONNECT AND REMOVE EXISTING FIRE ALARM DEVICES AND WIRING. REMOVE WIRING BACK TO LAST ACTIVE DEVICE.

ED14 DISCONNECT AND REMOVE EXISTING ELECTRICAL RECEPTACLES AND DEVICES WITHIN SPACE ALONG WITH WIRING BACK TO SERVING PANEL.

ED16 DISCONNECT AND REMOVE EXISTING UNAPPROVED BRANCH CIRCUIT WIRING (ROMEX). MAINTAIN CONTINUITY OF BRANCH CIRCUITS NOT SCHEDULED FOR DEMOLITION BY PROVIDING NEW MC CABLE, PROPERLY SUPPORTED AND SIZED FOR LOAD AND CIRCUIT DISTANCE.



1 E011 FIRST FLOOR DEMO PLAN AREA B - RENO
1/8" = 1'-0"



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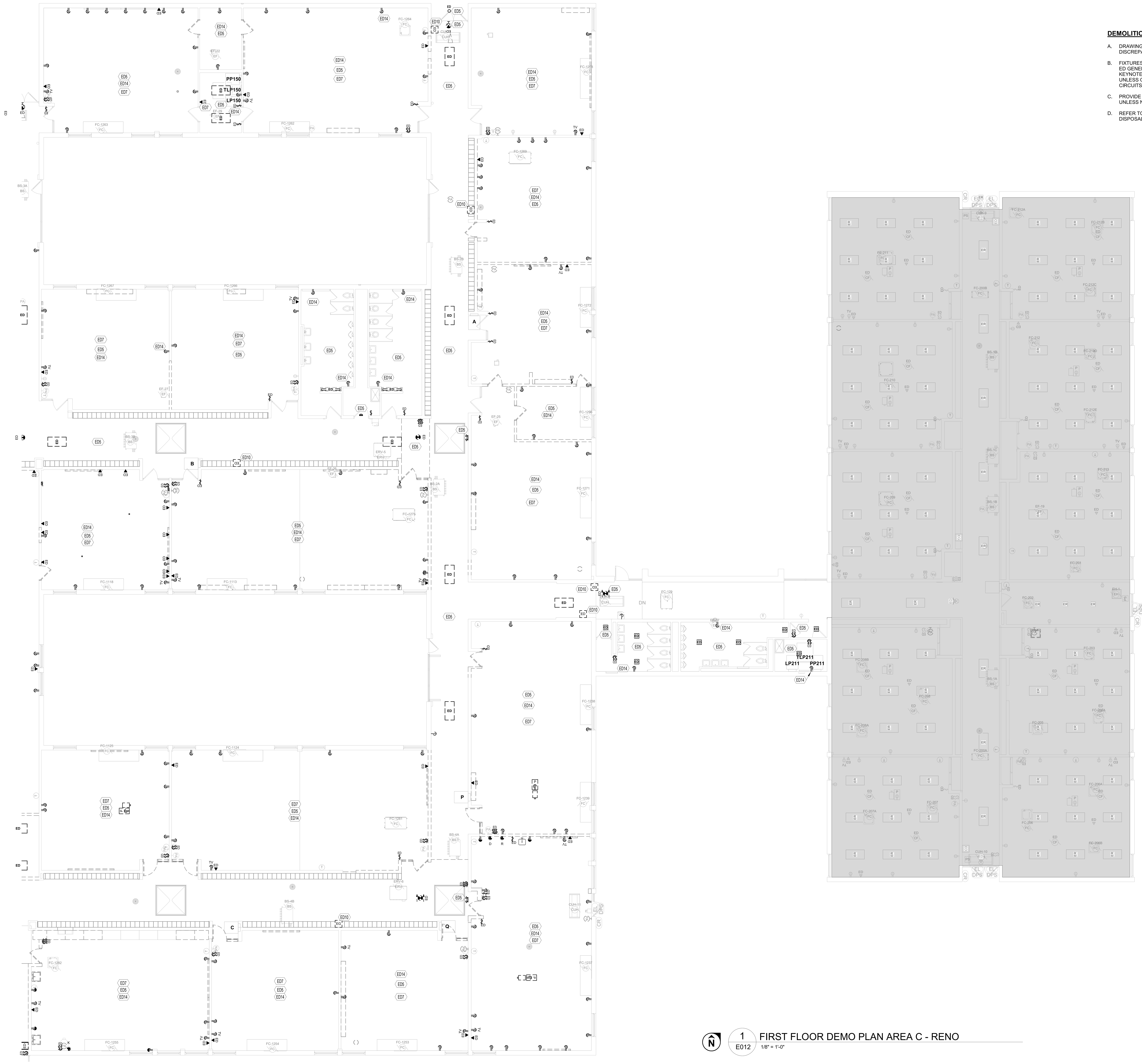
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1 E012 FIRST FLOOR DEMO PLAN AREA C - RENO
1/8" = 1'-0"

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D. REFER TO SPECIFICATION SECTION 017419 FOR CONSTRUCTION WASTE MANAGEMENT AND DISPOSAL REQUIREMENTS.

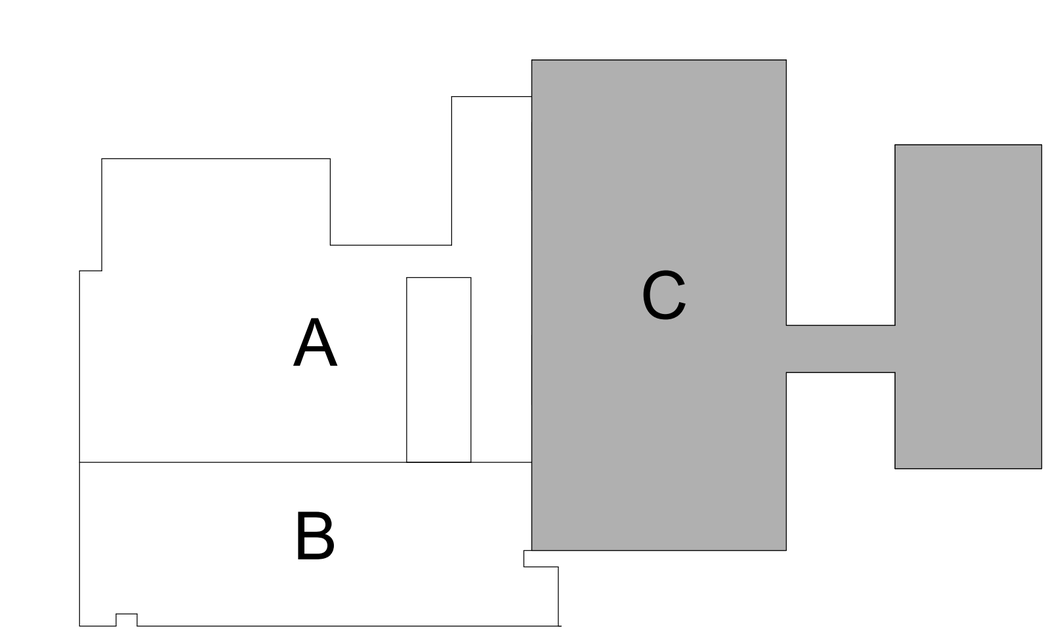
KEYNOTES

ED5 DISCONNECT AND REMOVE EXISTING FIXTURES AND LIGHTING CONTROLS WITHIN SPACE ALONG WITH WIRING BACK TO SERVING PANEL.

ED7 DISCONNECT AND REMOVE EXISTING TECHNOLOGY DEVICES WITHIN SPACE ALONG WITH WIRING BACK TO SERVING EQUIPMENT.

ED10 DISCONNECT AND REMOVE EXISTING FIRE ALARM DEVICES AND WIRING. REMOVE WIRING BACK TO LAST ACTIVE DEVICE.

ED14 DISCONNECT AND REMOVE EXISTING ELECTRICAL RECEPTACLES AND DEVICES WITHIN SPACE ALONG WITH WIRING BACK TO SERVING PANEL.



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GENERAL LIGHTING NOTES:

A. EXIT SIGNS AND NIGHT LIGHTS SHALL BE CONNECTED AHEAD OF ALL SWITCHING. REFER TO E510 SERIES DRAWINGS FOR DETAIL.

KEYNOTES

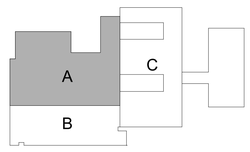
EL1 EXTEND WIRING TO ALL FIXTURES WITHIN ROOM AND WIRE THROUGH LOCAL LIGHTING CONTROLS. REFER TO E510 SERIES DRAWINGS FOR LIGHTING CONTROL DETAILS.

EL2 WIRE FIXTURE THROUGH EMERGENCY TRANSFER DEVICE LOCATED IN ROOM. FIXTURE SHALL TURN ON WHEN NORMAL POWER IS LOST. REFER TO E510 SERIES DRAWINGS FOR LIGHTING CONTROL DETAILS.

EL3 WIRE CIRCUIT THROUGH LIGHTING CONTROL PANEL LOCATED NEAR SERVING PANEL. REFER TO E510 SERIES DRAWINGS FOR LIGHTING CONTROL DETAILS.



1 / E100 FIRST FLOOR LIGHTING PLAN AREA A
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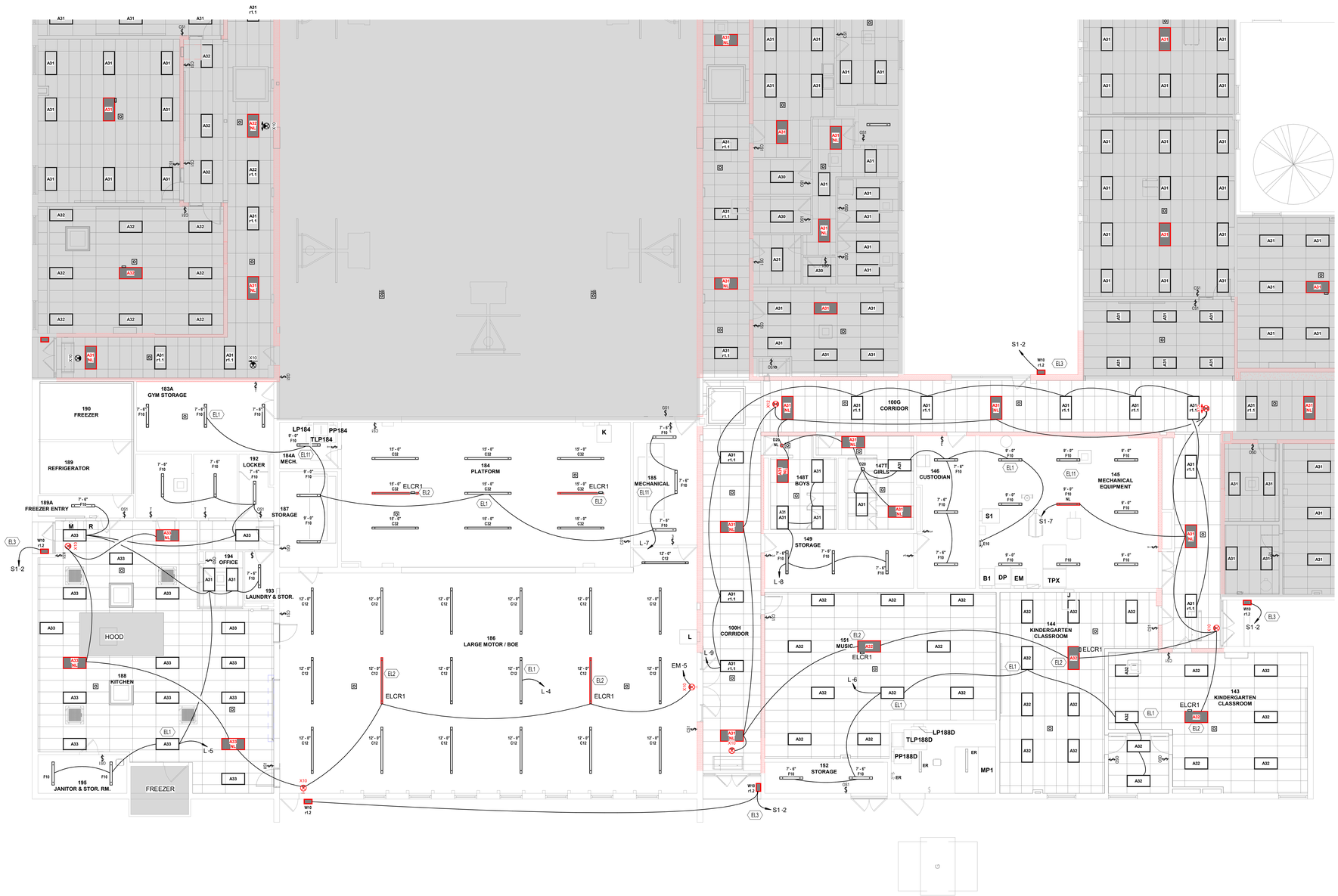
KEYNOTES

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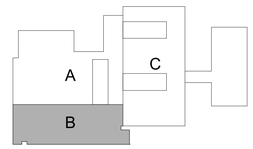
EL2 WIRE FIXTURE THROUGH EMERGENCY TRANSFER DEVICE LOCATED IN ROOM. FIXTURE SHALL TURN ON WHEN NORMAL POWER IS LOST. REFER TO E510 SERIES DRAWINGS FOR LIGHTING CONTROL DETAILS.

EL3 WIRE CIRCUIT THROUGH LIGHTING CONTROL PANEL LOCATED NEAR SERVING PANEL. REFER TO E510 SERIES DRAWINGS FOR LIGHTING CONTROL DETAILS.

EL11 MOUNT LIGHTING IN MECHANICAL SPACES AFTER ALL PIPING AND DUCTWORK HAVE BEEN INSTALLED. MOUNT AS HIGH AS POSSIBLE, NO LOWER THAN 9' AFF AND NO HIGHER THAN 12' AFF.



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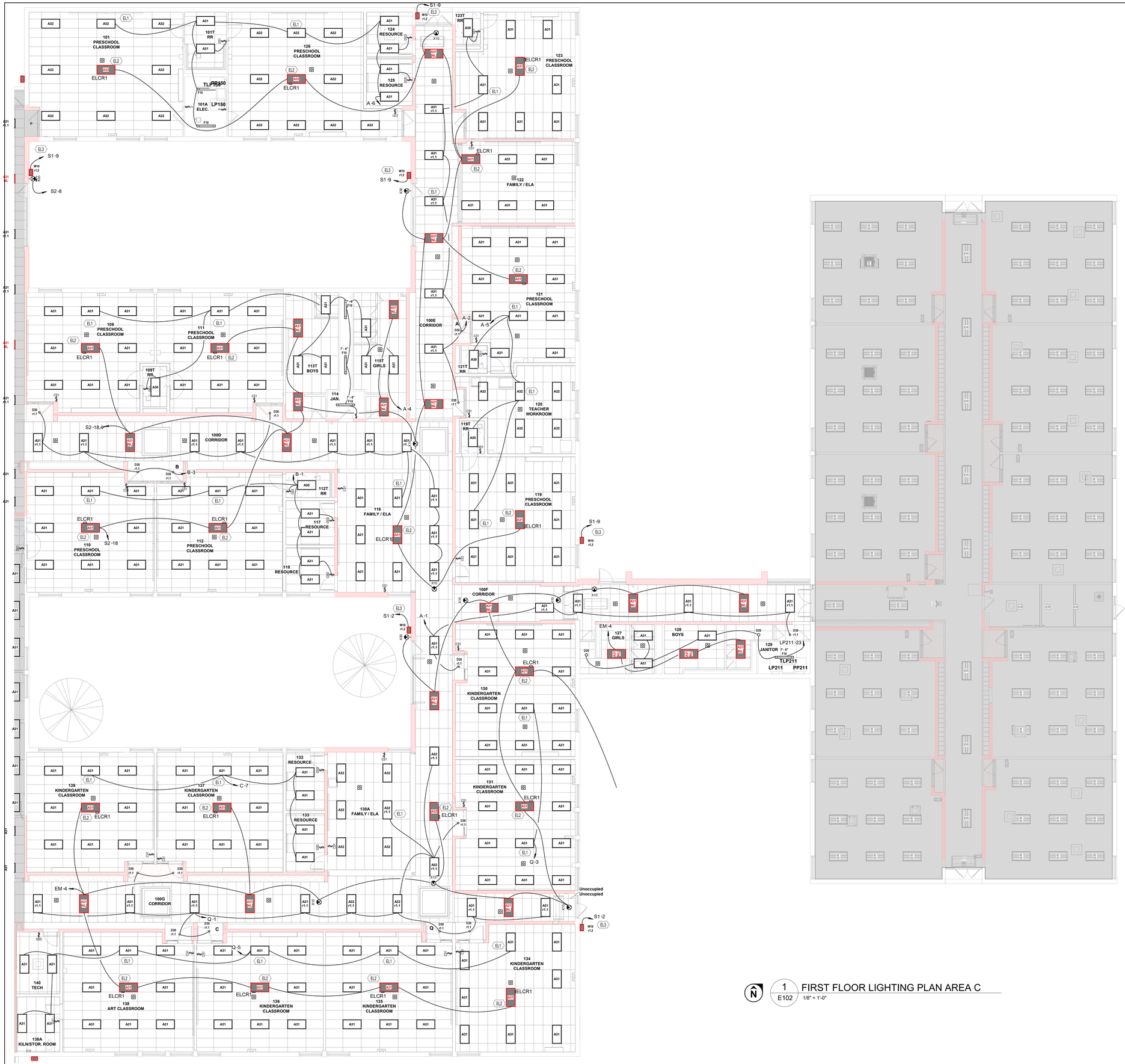
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E101

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GENERAL LIGHTING NOTES:

A. EXIT SIGNS AND NIGHT LIGHTS SHALL BE CONNECTED AHEAD OF ALL SWITCHING. REFER TO E510 SERIES DRAWINGS FOR DETAIL.

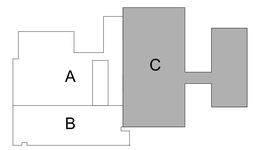
KEYNOTES

EL1 EXTEND WIRING TO ALL FIXTURES WITHIN ROOM AND WIRE THROUGH LOCAL LIGHTING CONTROLS. REFER TO E510 SERIES DRAWINGS FOR LIGHTING CONTROL DETAILS.

EL2 WIRE FIXTURE THROUGH EMERGENCY TRANSFER DEVICE LOCATED IN ROOM. FIXTURE SHALL TURN ON WHEN NORMAL POWER IS LOST. REFER TO E510 SERIES DRAWINGS FOR LIGHTING CONTROL DETAILS.

EL3 WIRE CIRCUIT THROUGH LIGHTING CONTROL PANEL LOCATED NEAR SERVING PANEL. REFER TO E510 SERIES DRAWINGS FOR LIGHTING CONTROL DETAILS.

1 / E102 FIRST FLOOR LIGHTING PLAN AREA C
1/8" = 1'-0"



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WINTON WOODS CITY SCHOOLS
EARLY CHILDHOOD RENOVATION
825 WAYCROSS ROAD, CINCINNATI, OHIO 45240

WINTON WOODS CITY SCHOOLS
825 WAYCROSS ROAD, SUITE A, CINCINNATI, OHIO 45240

ISSUANCES

04-28-23	BID/PERMIT

FIRST FLOOR LIGHTING PLAN AREA C

DATE 10-14-22

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E102

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5/12/2023 3:34:40 PM

0'-1" REFERENCE LINE

GENERAL POWER NOTES:

A. REFER TO E000 SERIES SHEETS FOR PANEL AND CIRCUIT NUMBERS FOR MECHANICAL AND PLUMBING EQUIPMENT.

B. REFER TO E000 SERIES SHEETS FOR STARTER AND DISCONNECT REQUIREMENTS FOR MECHANICAL AND PLUMBING EQUIPMENT.

C. EC SHALL BE RESPONSIBLE TO INSTALL A SWITCH BOX AND 3/4" CONDUIT TO ABOVE THE ACCESSIBLE CEILING IN EACH ROOM FOR TEMPERATURE CONTROL THERMOSTAT. DEVICES SHOWN ON ELECTRICAL DRAWINGS ARE FOR REFERENCE ONLY. REFER TO THE M SERIES DRAWINGS FOR THERMOSTAT LOCATIONS.

D. EC SHALL BE RESPONSIBLE FOR TECHNOLOGY ROUGH-IN LOCATIONS.

E. ALL 15A AND 20A, 125V AND 250V, NON-LOCKING TYPE RECEPTACLES, THROUGHOUT THE BUILDING SHALL BE TAMPER-RESISTANT WHERE REQUIRED.

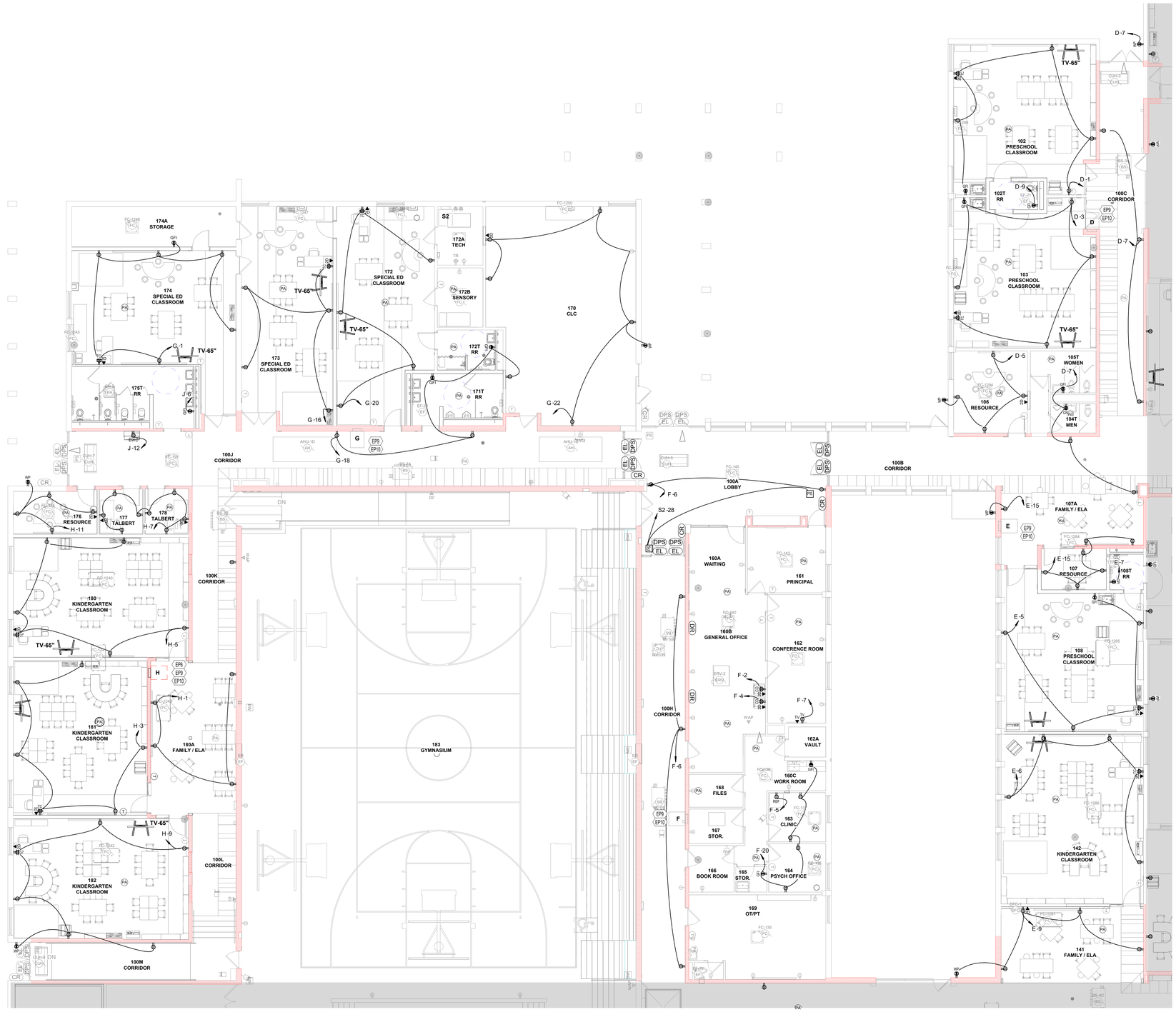
F. BURGLAR ALARM TO REMAIN OPERATIONAL THROUGHOUT CONSTRUCTION. COORDINATE EXACT REQUIREMENTS IN FEILD.

KEYNOTES

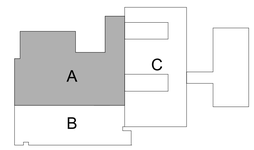
EP6 RELOCATED PANEL. CONNECT TO FEEDERS AND BRANCH CIRCUITS MADE AVAILABLE IN DEMOLITION.

EP9 ADD EQUIPMENT GROUNDING CONDUCTORS TO REUSED BRANCH CIRCUITS AS REQUIRED. VERIFY EXACT REQUIREMENTS IN FIELD.

EP10 ADD EQUIPMENT GROUNDING BUS TO EXISTING PANEL AS REQUIRED. PROVIDE EQUIPMENT GROUNDING CONDUCTORS TO SERVING PANEL. REFER TO SINGLE LINE DIAGRAM ON E600. VERIFY EXACT REQUIREMENTS IN FIELD.



1 E200 FIRST FLOOR POWER PLAN AREA A - RENO
1/8" = 1'-0"



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ISSUANCES

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FIRST FLOOR POWER PLAN AREA A

DATE 10-14-22

COMM NO. 2021091.01

E200

0.1" REFERENCE LINE

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GENERAL POWER NOTES:

A. REFER TO E000 SERIES SHEETS FOR PANEL AND CIRCUIT NUMBERS FOR MECHANICAL AND PLUMBING EQUIPMENT.

B. REFER TO E000 SERIES SHEETS FOR STARTER AND DISCONNECT REQUIREMENTS FOR MECHANICAL AND PLUMBING EQUIPMENT.

C. EC SHALL BE RESPONSIBLE TO INSTALL A SWITCH BOX AND 3/4" CONDUIT TO ABOVE THE ACCESSIBLE CEILING IN EACH ROOM FOR TEMPERATURE CONTROL THERMOSTAT. DEVICES SHOWN ON ELECTRICAL DRAWINGS ARE FOR REFERENCE ONLY. REFER TO THE M SERIES DRAWINGS FOR THERMOSTAT LOCATIONS.

D. EC SHALL BE RESPONSIBLE FOR TECHNOLOGY ROUGH-IN LOCATIONS.

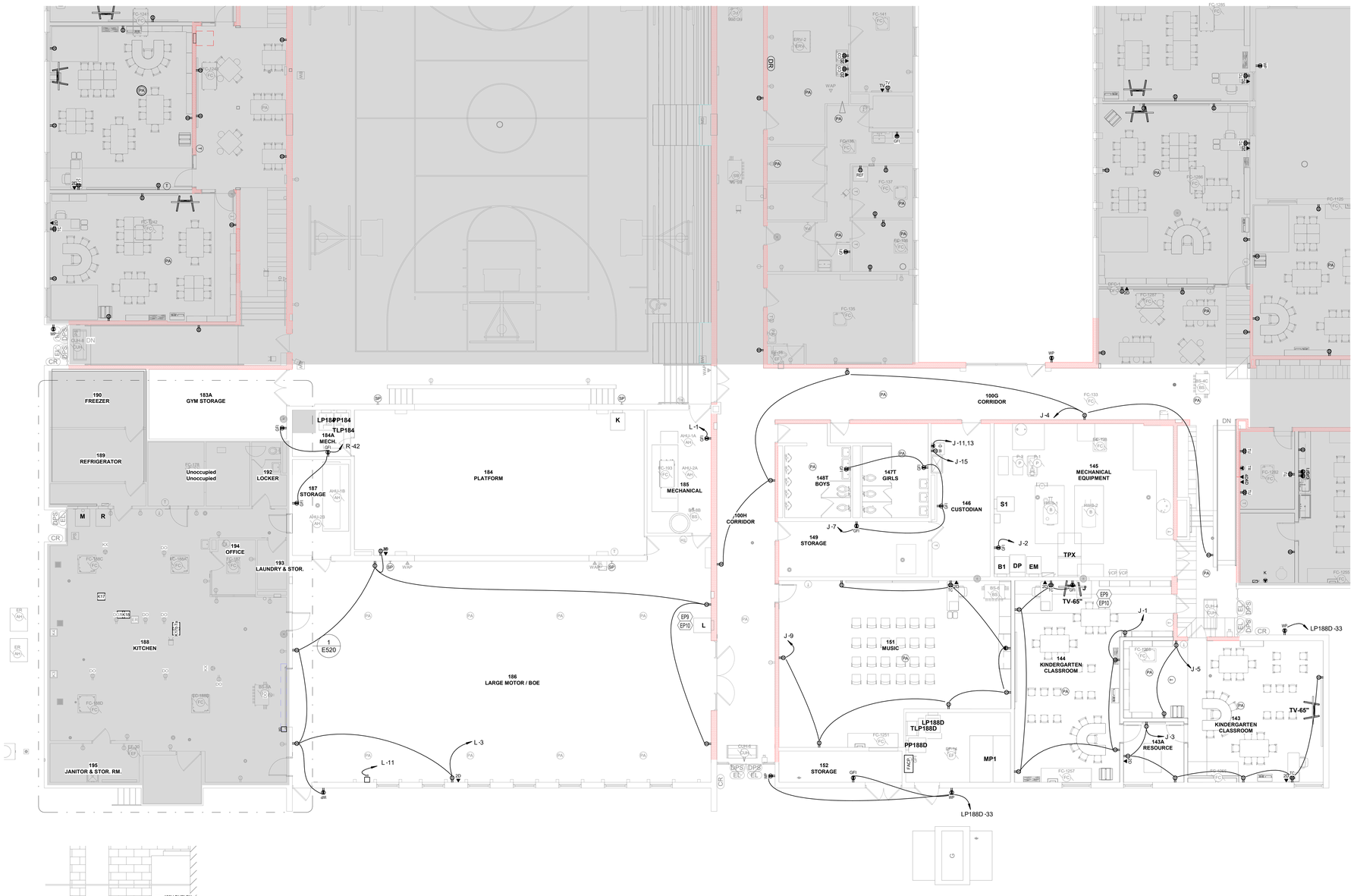
E. ALL 15A AND 20A, 125V AND 250V, NON-LOCKING TYPE RECEPTACLES, THROUGHOUT THE BUILDING SHALL BE TAMPER-RESISTANT WHERE REQUIRED.

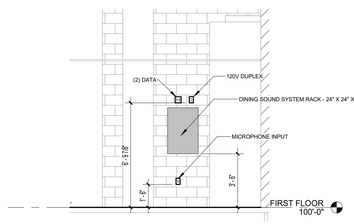
F. EC SHALL COORDINATE FIRE ALARM TO REMAIN OPERATIONAL THROUGHOUT CONSTRUCTION. COORDINATE EXACT REQUIREMENTS IN FEILD.

KEYNOTES

EP9 ADD EQUIPMENT GROUNDING CONDUCTORS TO REUSED BRANCH CIRCUITS AS REQUIRED. VERIFY EXACT REQUIREMENTS IN FIELD.

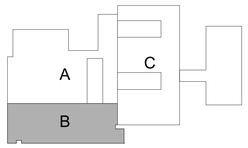
EP10 ADD EQUIPMENT GROUNDING BUS TO EXISTING PANEL AS REQUIRED. PROVIDE EQUIPMENT GROUNDING CONDUCTORS TO SERVING PANEL. REFER TO SINGLE LINE DIAGRAM ON E600. VERIFY EXACT REQUIREMENTS IN FIELD.





2 E201 STAGE SOUND SYSTEM RACK
1/4" = 1'-0"

1 E201 FIRST FLOOR POWER PLAN AREA B - RENO
1/8" = 1'-0"



KEY PLAN
NTS

0'-1" REFERENCE LINE

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STATE OF OHIO
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58475
REGISTERED
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ISSUANCES

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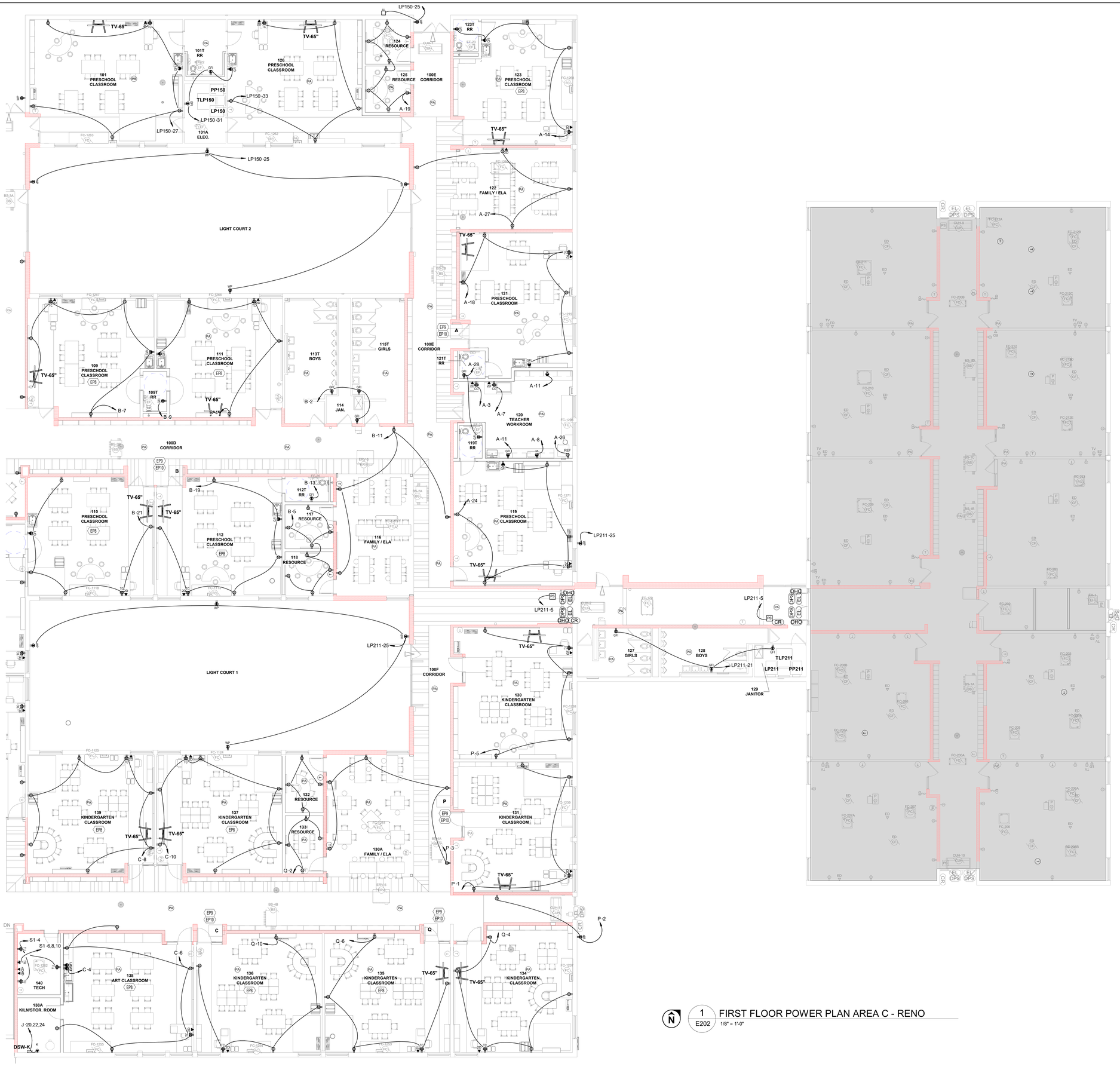
FIRST FLOOR POWER PLAN AREA B

DATE 10-14-22

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E201

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GENERAL POWER NOTES:

A. REFER TO E000 SERIES SHEETS FOR PANEL AND CIRCUIT NUMBERS FOR MECHANICAL AND PLUMBING EQUIPMENT.

B. REFER TO E000 SERIES SHEETS FOR STARTER AND DISCONNECT REQUIREMENTS FOR MECHANICAL AND PLUMBING EQUIPMENT.

C. EC SHALL BE RESPONSIBLE TO INSTALL A SWITCH BOX AND 3/4" CONDUIT TO ABOVE THE ACCESSIBLE CEILING IN EACH ROOM FOR TEMPERATURE CONTROL THERMOSTAT. DEVICES SHOWN ON ELECTRICAL DRAWINGS ARE FOR REFERENCE ONLY. REFER TO THE M SERIES DRAWINGS FOR THERMOSTAT LOCATIONS.

D. EC SHALL BE RESPONSIBLE FOR TECHNOLOGY ROUGH-IN LOCATIONS.

E. ALL 15A AND 20A, 125V AND 250V, NON-LOCKING TYPE RECEPTACLES, THROUGHOUT THE BUILDING SHALL BE TAMPER-RESISTANT WHERE REQUIRED.

F. BURGLAR ALARM TO REMAIN OPERATIONAL THROUGHOUT CONSTRUCTION. COORDINATE EXACT REQUIREMENTS IN FEILD.

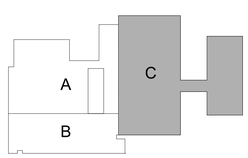
KEYNOTES

EP8 PROVIDE TAMPER RESISTANT RECEPTACLES WITHIN SPACE.

EP9 ADD EQUIPMENT GROUNDING CONDUCTORS TO REUSED BRANCH CIRCUITS AS REQUIRED. VERIFY EXACT REQUIREMENTS IN FIELD.

EP10 ADD EQUIPMENT GROUNDING BUS TO EXISTING PANEL AS REQUIRED. PROVIDE EQUIPMENT GROUNDING CONDUCTORS TO SERVING PANEL. REFER TO SINGLE LINE DIAGRAM ON E600. VERIFY EXACT REQUIREMENTS IN FIELD.

1 E202 FIRST FLOOR POWER PLAN AREA C - RENO
1/8" = 1'-0"



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FIRST FLOOR POWER PLAN AREA C

DATE 10-14-22

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E202

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0"-1" REFERENCE LINE

GENERAL POWER NOTES:

A. REFER TO E000 SERIES SHEETS FOR PANEL AND CIRCUIT NUMBERS FOR MECHANICAL AND PLUMBING EQUIPMENT.

B. REFER TO E000 SERIES SHEETS FOR STARTER AND DISCONNECT REQUIREMENTS FOR MECHANICAL AND PLUMBING EQUIPMENT.

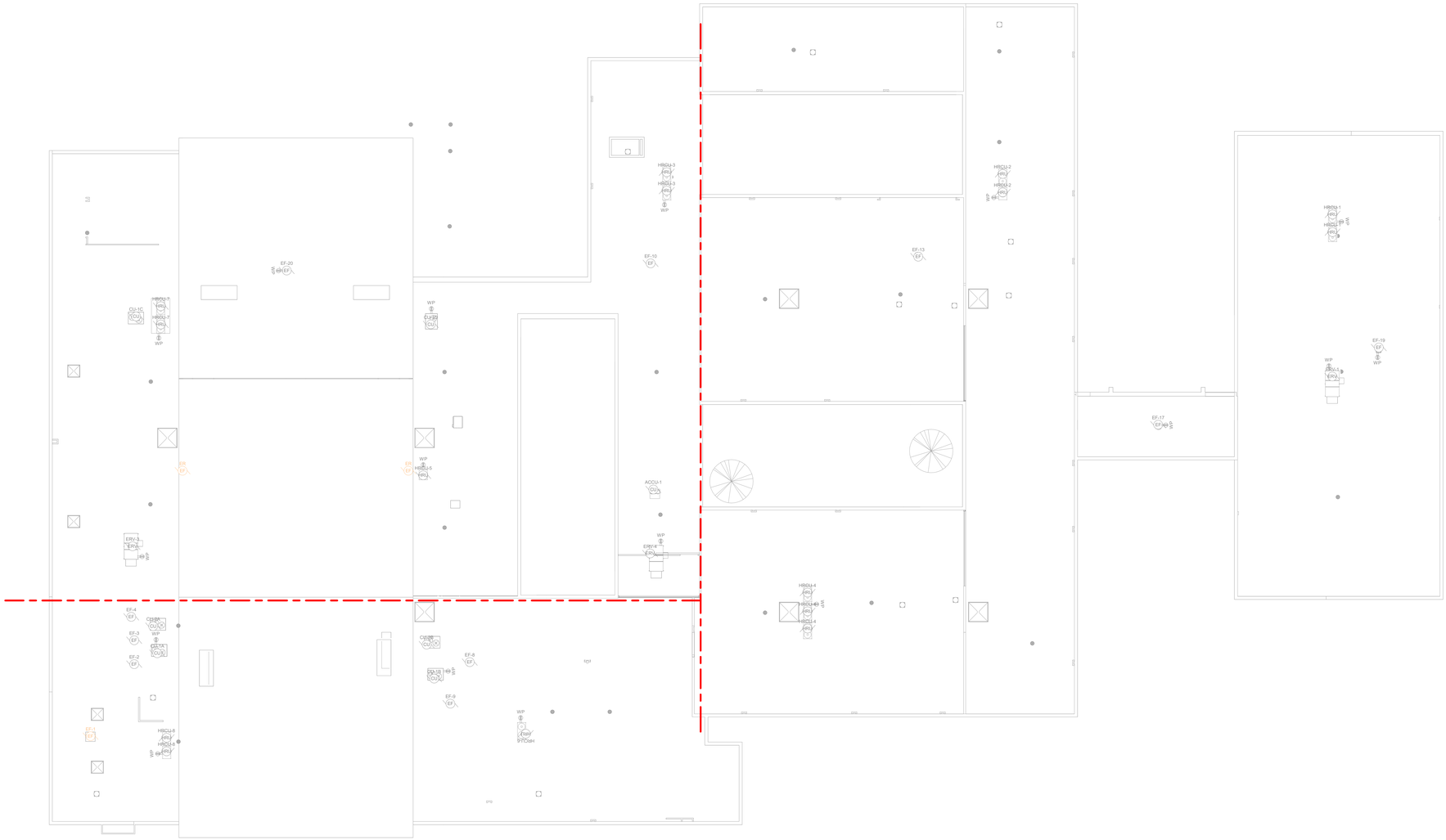
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D. EC SHALL BE RESPONSIBLE FOR TECHNOLOGY ROUGH-IN LOCATIONS.

E. ALL 15A AND 20A, 125V AND 250V, NON-LOCKING TYPE RECEPTACLES, THROUGHOUT THE BUILDING SHALL BE TAMPER-RESISTANT WHERE REQUIRED.

F. BURGLAR ALARM TO REMAIN OPERATIONAL THROUGHOUT CONSTRUCTION.

KEYNOTES COORDINATE EXACT REQUIREMENTS IN FEILD.



1 E203 ROOF POWER PLAN - RENO
1/16" = 1'-0"

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ROOF POWER PLAN

DATE 10-14-22

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"0-1" REFERENCE LINE

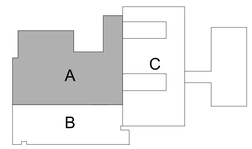
GENERAL FIRE ALARM NOTES:

A. FIRE ALARM DRAWINGS INDICATE A BASIS OF DESIGN FOR LOCATIONS AND QUANTITIES OF DEVICES, APPLIANCES, CONTROL PANELS, ETC. FIRE ALARM SYSTEM DESIGNER SHALL REVISE THE PLANS AS REQUIRED TO MEET ALL CODE AND PROJECT REQUIREMENTS. FIRE ALARM SYSTEM SHALL BE DESIGNED BY A LICENSED FIRE ALARM SYSTEM DESIGNER.

KEYNOTES



1 E300 FIRST FLOOR FIRE ALARM PLAN AREA A
1/8" = 1'-0"



KEY PLAN
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"0-1" REFERENCE LINE

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825 WAYCROSS ROAD, CINCINNATI, OHIO 45240

WINTON WOODS CITY SCHOOLS
825 WAYCROSS ROAD, SUITE A, CINCINNATI, OHIO 45240

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FIRE ALARM PLAN AREA A

DATE 10-14-22

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E300

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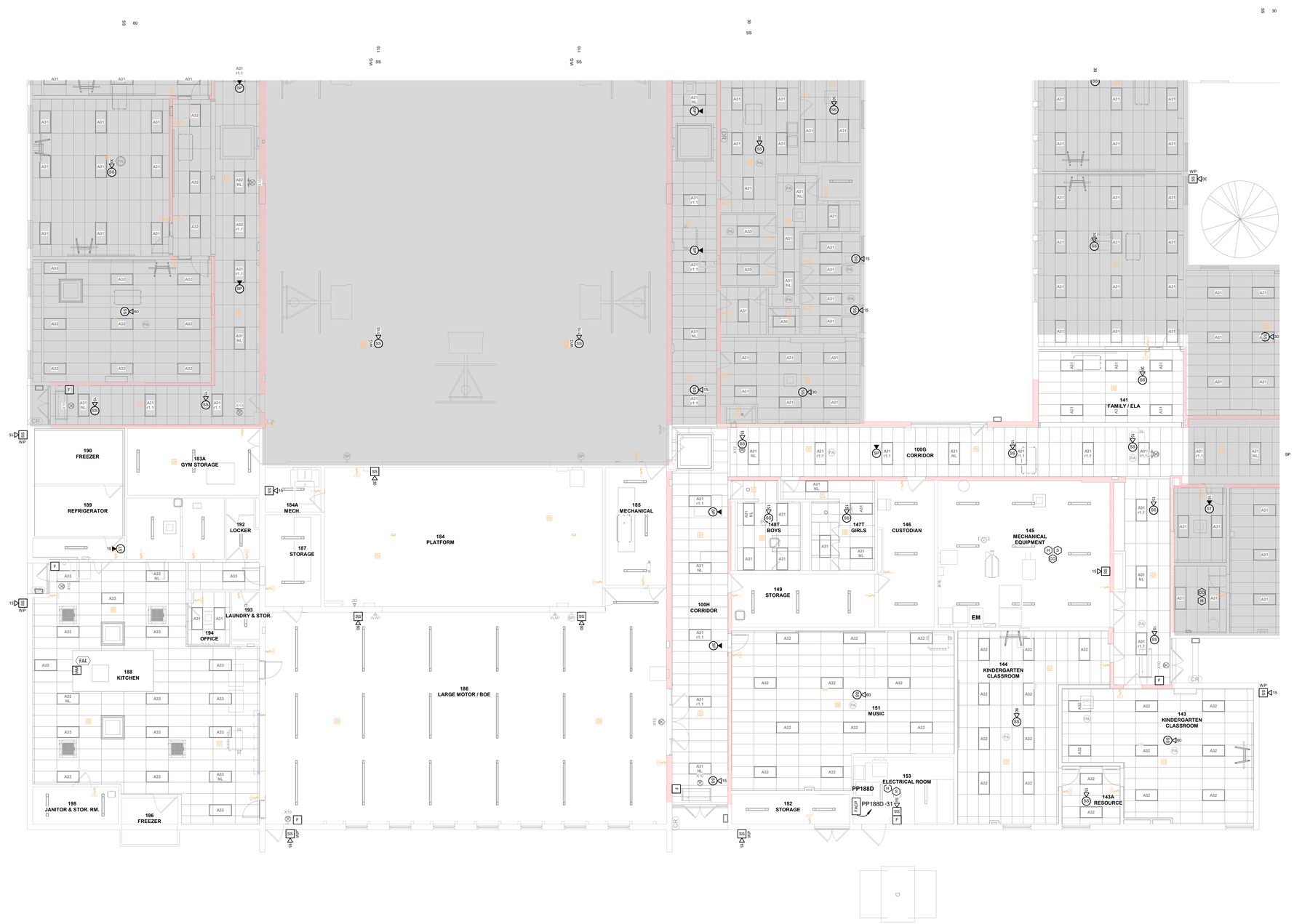
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GENERAL FIRE ALARM NOTES:

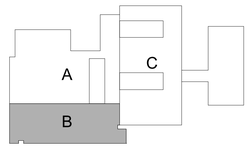
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KEYNOTES

FA4 PROVIDE INPUT ADDRESSABLE MODULE (IAM) TO MONITOR KITCHEN ANSUL SYSTEM IN KITCHEN HOOD. COORDINATE LOCATION WITH FS-SERIES DRAWINGS.



1 E301 FIRST FLOOR FIRE ALARM PLAN AREA B
1/8" = 1'-0"



KEY PLAN
NTS

0'-1" REFERENCE LINE

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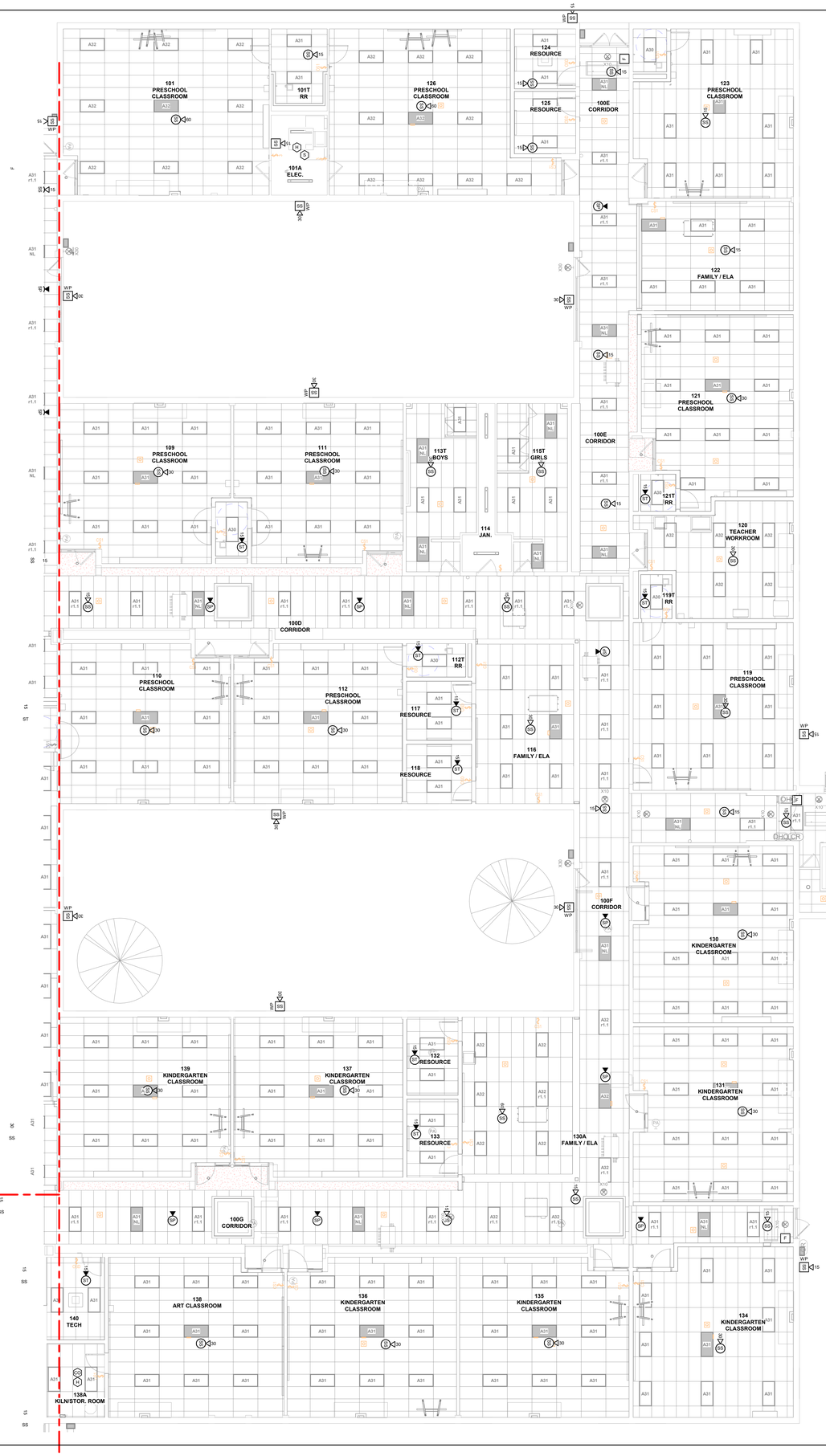
FIRE ALARM PLAN AREA B

DATE 10-14-22

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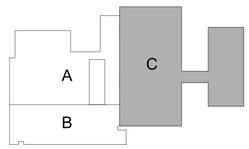
E301

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1 E302 FIRST FLOOR FIRE ALARM PLAN AREA C
1/8" = 1'-0"



KEY PLAN
NTS

GENERAL FIRE ALARM NOTES:

A. FIRE ALARM DRAWINGS INDICATE A BASIS OF DESIGN FOR LOCATIONS AND QUANTITIES OF DEVICES, APPLIANCES, CONTROL PANELS, ETC. FIRE ALARM SYSTEM DESIGNER SHALL REVISE THE PLANS AS REQUIRED TO MEET ALL CODE AND PROJECT REQUIREMENTS. FIRE ALARM SYSTEM SHALL BE DESIGNED BY A LICENSED FIRE ALARM SYSTEM DESIGNER.

KEYNOTES

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825 WAYCROSS ROAD, CINCINNATI, OHIO 45240

WINTON WOODS CITY SCHOOLS
825 WAYCROSS ROAD, SUITE A, CINCINNATI, OHIO 45240

ISSUANCES

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FIRE ALARM PLAN AREA C

DATE 10-14-22

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5/12/2023 3:35:30 PM

Panelboard: A

Location: CORRIDOR-1 201-1 | **Volts:** 208Y/120 V | **A.I.C. Rating:** EXISTING
Supply From: DP | **Phases:** 3 | **Mains Type:** MLO
Mounting: Recessed | **Wires:** 4 | **Panel Rating** 225.0 A
Enclosure:

CKT	Circuit Description	Device Notes	Trip	Poles	A		B		C		Poles	Trip	Device Notes	Circuit Description	CKT
1	L - 100F		20	1	210	692					1	20		L - 150E-2, 150E-1, 123T, 122, 123	2
3	R - 120 - COPIER		20	1			1200	982			1	20		L - 111, 109, 109T, 113T, 115T, 114	4
5	L - 119, 120, 121, 119T, 121T		20	1					968	1097	1	20		L - 124, 125, 126, 101T, 101, 101A	6
7	R - 120 - COPIER		20	1	1200	1200					1	20		R - 120 - MICROWAVE	8
9	L - 221A, 212, 213G, 213, 215, 214,...		20	1			943	0			1	20		Spare	10
11	R - 120		20	1					360	0	1	20		Spare	12
13	L - 161C, 203, 204, 161G, 161T, 217A,...		20	1	1093	1440					1	20		R - 123, 123T	14
15	Spare		20	1			0	1000			1	20		E - RECEPTACLES RM#110	16
17	E - CORRIDOR RECEPTACLES		20	1					1000	1260	1	20		R - 121	18
19	R - 125, 124		20	1	1440	800					1	20		E - CH-1	20
21	E - RECEPTACLES ROOM 112		20	1			1000	800			1	20		E - CH-1	22
23	E - RECEPTACLES RM#112		20	1					1000	1260	1	20		R - 119	24
25	R - CLOCKS 110		20	1	800	600					1	20	GFI	R - 120 - REF	26
27	R - 122		20	1			720	360			1	20		R - 119T, 121T	28
29	E -		30	2					800	1000	2	30		E -	30
31	--	--	--	--	800	1000					--	--	--	--	32
33	E - AC RM 111		20	1			800	1000			1	20		E - GREEN HOUSE PLUGS	34
35	Spare		20	1					0	1000	1	20		E - GREEN HOUSE HEAT	36
37	Space		--	1	--	--					1	--		Space	38
39	Space		--	1			--	--			1	--		Space	40
41	Space		--	1					--	--	1	--		Space	42
			Total Load:		11275 VA		8805 VA		9745 VA						
			Total Amps:		95.2 A		73.4 A		82.4 A						

		Panel Totals	
L = LIGHTS			
R = RECEPTACLES			
M = MECHANICAL EQUIPMENT	**Total Conn. Load:**	29825 VA	
P = PLUMBING EQUIPMENT	**Total Est. Demand:**	29825 VA	
E = EXISTING EQUIPMENT	**Total Conn. Current:**	82.8 A	
	Total Est. Demand Current:	82.8 A	

Notes:
EXISTING PANEL
INSTALL EQUIPMENT GROUNDING BUS

Panelboard: B

Location: CORRIDOR-1 199-1 | **Volts:** 208Y/120 V | **A.I.C. Rating:** EXISTING
Supply From: DP | **Phases:** 3 | **Mains Type:** MLO
Mounting: Recessed | **Wires:** 4 | **Panel Rating** 225.0 A
Enclosure:

CKT	Circuit Description	Device Notes	Trip	Poles	A		B		C		Poles	Trip	Device Notes	Circuit Description	CKT
1	L - 110, 112, 112T 117, 118		20	1	786	540					1	20		R - 115T, 113T, 114	2
3	L - 100D, 116		20	1			610	1260			1	20		R - 111	4
5	R - 118, 117		20	1					1440	0	1	20		Spare	6
7	R - 109		20	1	1260	720					1	20		E - CORRIDOR RECEPTACLES	8
9	R - 109T		20	1			180	0			1	20		Spare	10
11	R - 116		20	1					720	0	1	20		Spare	12
13	R - 112T		20	1	180	0					1	20		Spare	14
15	Spare		20	1			0	0			1	20		Spare	16
17	Spare		20	1					0	0	1	20		Spare	18
19	R - 112		20	1	1260	720					1	20		E - RECEPTACLES 105	20
21	R - 110		20	1			1260	720			1	20		E - RECEPTACLES 105	22
23	Spare		20	1					0	0	1	20		Spare	24
25	Spare		20	1	0	0					1	20		Spare	26
27	Space		--	1			--	--			1	--		Space	28
29	Space		--	1					--	--	1	--		Space	30
31	Space		--	1	--	--					1	--		Space	32
33	Space		--	1			--	--			1	--		Space	34
35	Space		--	1					--	--	1	--		Space	36
37	Space		--	1	--	--					1	--		Space	38
39	Space		--	1			--	--			1	--		Space	40
41	Space		--	1					--	--	1	--		Space	42
			Total Load:		5466 VA		4030 VA		2160 VA						
			Total Amps:		47.9 A		36.0 A		18.0 A						

		Panel Totals	
L = LIGHTS			
R = RECEPTACLES			
M = MECHANICAL EQUIPMENT	**Total Conn. Load:**	11656 VA	
P = PLUMBING EQUIPMENT	**Total Est. Demand:**	11656 VA	
E = EXISTING EQUIPMENT	**Total Conn. Current:**	32.4 A	
	Total Est. Demand Current:	32.4 A	

Notes:
EXISTING PANEL
INSTALL EQUIPMENT GROUNDING BUS

Panelboard: B1

Location: MECHANICAL EQUIPMENT 128 | **Volts:** 208Y/120 V | **A.I.C. Rating:** EXISTING
Supply From: DP | **Phases:** 3 | **Mains Type:** MLO
Mounting: Wall Mounted | **Wires:** 4 | **Panel Rating** 100.0 A
Enclosure:

CKT	Circuit Description	Device Notes	Trip	Poles	A		B		C		Poles	Trip	Device Notes	Circuit Description	CKT
1	M - HWB-2		25	1	1920	900					1	20		E - EF-16	2
3	M - HWB-1		25	1			1920	1000			1	20		E - HW CIRC PUMPS	4
5	E - TEMP CONTROL PANEL		20	1					1000	500	1	20		E - GENERATOR BATTERY CHARGER	6
7	E - RECEPTACLES MECH ROOM		20	1	1000	0					3	20		Spare	8
9	E - GENERATOR HEATER		20	1			800	0			--	--	--	--	10
11	E - BOILER # 110V FEED		15	1					500	0	--	--	--	--	12
13	E - BOILER #1 (NEW)		20	3	500	500					3	20		E - CP#2	14
15	--	--	--	--			500	500			--	--	--	--	16
17	--	--	--	--					500	500	--	--	--	--	18
19	E - AIR COMP. SHOP		20	3	800	1800					3	50		E - CP#1	20
21	--	--	--	--			800	1800			--	--	--	--	22
23	--	--	--	--					800	1800	--	--	--	--	24
25	E - CP#3		20	3	500	500					3	20		E - UNKOWN	26
27	--	--	--	--			500	500			--	--	--	--	28
29	--	--	--	--					500	500	--	--	--	--	30
31	E - UNKOWN		20	3	500	500					2	20		E - UNKOWN	32
33	--	--	--	--			500	500			--	--	--	--	34
35	--	--	--	--					500	500	1	20		E - UNKNOWN	36
37	Space		--	1	--	--					1	--		Space	38
39	Space		--	1			--	--			1	--		Space	40
41	Space		--	1					--	--	1	--		Space	42
			Total Load:		9420 VA		9320 VA		7600 VA						
			Total Amps:		80.7 A		79.9 A		63.3 A						

		Panel Totals	
L = LIGHTS			
R = RECEPTACLES			
M = MECHANICAL EQUIPMENT	**Total Conn. Load:**	26340 VA	
P = PLUMBING EQUIPMENT	**Total Est. Demand:**	26340 VA	
E = EXISTING EQUIPMENT	**Total Conn. Current:**	73.1 A	
	Total Est. Demand Current:	73.1 A	

Notes:
EXISTING PANEL
INSTALL EQUIPMENT GROUNDING BUS

Panelboard: C

Location: LIGHT COURT 3-1 1103-1 | **Volts:** 208Y/120 V | **A.I.C. Rating:** EXISTING
Supply From: DP | **Phases:** 3 | **Mains Type:** MLO
Mounting: Recessed | **Wires:** 4 | **Panel Rating** 225.0 A
Enclosure:

CKT	Circuit Description	Device Notes	Trip	Poles	A		B		C		Poles	Trip	Device Notes	Circuit Description	CKT
1	E - RECEPTACLES ROOMS 116, 117		20	1	1000	1000					1	20		E - CORRIDOR 203 RECEPTACLES	2
3	E - RECEPTACLES ROOMS 117, 120		20	1			1000	180			1	20		R - 139 - COUNTERTOP	4
5	E - RECEPTACLES ROOM 120		20	1					1000	1260	1	20		R - 139	6
7	L - 132, 133, 138, 140		20	1	760	1440					1	20		R - 140	8
9	Spare		20	1			0	1440			1	20		R - 138	10
11	Spare		20	1					0	0	1	20		Spare	12
13	Spare		20	1	0	0					1	20		Spare	14
15	Spare		20	1			0	0			1	20		Spare	16
17	Spare		20	1					0	0	1	20		E - SPOT LIGHTS ROOM 120	18
19	Spare		20	1	0	1000					1	20		E - RECEPTACLES COMPUTER ROOMS	20
21	Spare		20	1			0	1000			1	20		E - COMPUTER RECEPTACLES ROOM...	22
23	Spare		20	1					0	1000	1	20		E - RECEPTACLES 119	24
25	Spare		20	1	0	1000					1	20		E - COMPUTER	26
27	Spare		20	1			0	1000			1	20		E - COMM RECPT LIBRARY	28
29	E - CH-1		20	1					0	0	1	20		Spare	30
31	E - COMM RECEPT LIBRARY		20	1	1000	0					1	20		Spare	32
33	Space		--	1			--	--			1	--		Space	34
35	Space		--	1					--	--	1	--		Space	36
37	Space		--	1	--	--					1	--		Space	38
39	Space		--	1			--	--			1	--		Space	40
41	Space		--	1					--	--	1	--		Space	42
			Total Load:		7200 VA		4620 VA		3260 VA						
			Total Amps:		61.7 A		40.2 A		27.2 A						

		Panel Totals	
L = LIGHTS			
R = RECEPTACLES			
M = MECHANICAL EQUIPMENT	**Total Conn. Load:**	15080 VA	
P = PLUMBING EQUIPMENT	**Total Est. Demand:**	15080 VA	
E = EXISTING EQUIPMENT	**Total Conn. Current:**	41.9 A	
	Total Est. Demand Current:	41.9 A	

Notes:
EXISTING PANEL
INSTALL EQUIPMENT GROUNDING BUS

Panelboard: D

Location: CORRIDOR-1 199-1 | **Volts:** 208Y/120 V | **A.I.C. Rating:** EXISITNG
Supply From: DP | **Phases:** 3 | **Mains Type:** MLO
Mounting: Recessed | **Wires:** 4 | **Panel Rating** 225.0 A
Enclosure:

CKT	Circuit Description	Device Notes	Trip	Poles	A		B		C		Poles	Trip	Device Notes	Circuit Description	CKT
1	R - 102		20	1	1260	0					1	20		Spare	2
3	R - 103		20	1			1260	0			1	20		Spare	4
5	R - 106		20	1					900	1000	1	20		E - RECEPTACLES	6
7	R - 104T, 105T		20	1	1440	1000					1	20		E - RECEPTACLES	8
9	R - 102T		20	1			180	400			1	20		Spare	10
11	L - 102, 106, 103, 102T, 147, 105T, 104T		20	1					786	200	1	20		Spare	12
13	L - 344, 150, 150C		20	1	314	0					1	20		Spare	14
15	E - CORRIDOR 199 RECEPTACLES		20	1			0	1000			1	20		E - COFFEE MACHINE, REF	16
17	E - RECEPTACLES ROOM 101		20	1					0	800	1	20		E - PEPSI MACHINE	18
19	E - PLUG-IN STRIP RM 101		20	1	1000	0					1	20		Spare	20
21	E - PLUG-IN STRIP RM 101		20	1			1000	800			1	20		E - OUTSIDE SPOTS.	22
23	E - BASEBOARD HEATER		20	1					1000	1000	2	30		E - BASEBOARD HEATER	24
25	E - BASEBOARD HEATER		20	1	1000	1000					--	--	--	--	26
27	Spare		30	2			0	--			1	--		Space	28
29	--	--	--	--					0	--	1	--		Space	30
31	Space		--	1	--	--					1	--		Space	32
33	Space		--	1			--	--			1	--		Space	34
35	Space		--	1					--	--	1	--		Space	36
37	Space		--	1	--	--					1	--		Space	38
39	Space		--	1			--	--			1	--		Space	40
41	Space		--	1					--	--	1	--		Space	42
			Total Load:		7395 VA		6980 VA		8948 VA						
			Total Amps:		62.2 A		58.2 A		75.1 A						

		Panel Totals	
L = LIGHTS			
R = RECEPTACLES			
M = MECHANICAL EQUIPMENT	**Total Conn. Load:**	23323 VA	
P = PLUMBING EQUIPMENT	**Total Est. Demand:**	23323 VA	
E = EXISTING EQUIPMENT	**Total Conn. Current:**	64.7 A	
	Total Est. Demand Current:	64.7 A	

Notes:
EXISTING PANEL
INSTALL EQUIPMENT GROUNDING BUS

Branch Panel: DP

Location: MECHANICAL EQUIPMENT 128 | **Volts:** 208Y/120 V | **A.I.C. Rating:** EXISTING
Supply From: TPX | **Phases:** 3 | **Mains Type:** MCB
Mounting: Wall Mounted | **Wires:** 4 | **Panel & MCB Rating** 1200.0 A
Enclosure:

Notes:
EXISTING PANEL

CKT	Circuit Description	Trip	Poles	A	B	C
1,2,3	E - PANEL A	70.0 A	3	11275 VA	8805 VA	9745 VA
4,5,6	E - PANEL B	70.0 A	3	5466 VA	4030 VA	2160 VA
7,8,9	E - PANEL C	70.0 A	3	7200 VA	4620 VA	3260 VA
10,11,12	E - PANEL H	70.0 A	3	8170 VA	7748 VA	6760 VA
13,14,15	E - PANEL L	70.0 A	3	5355 VA	4180 VA	4299 VA
16,17,18	Space	--	3	--	--	--
19,20,21	E - PANEL S1	100.0 A	3	11355 VA	12401 VA	6505 VA
22,23,24	Space	--	3	--	--	--
25,26,27	E - PANEL B1	100.0 A	3	9420 VA	9320 VA	7600 VA
28,29,30	E - PANEL D	100.0 A	3	7395 VA	6980 VA	8948 VA
31,32,33	E - PANEL K	125.0 A	3	10000 VA	9000 VA	8500 VA
34,35,36	E - PANEL F	150.0 A	3	13722 VA	11344 VA	7788 VA
37,38,39	E - PANEL J	225.0 A	3	5896 VA	5160 VA	3276 VA
40,41,42	E - PANEL M	225.0 A	3	22595 VA	21408 VA	25131 VA
43,44,45	E - PANEL Q	225.0 A	3	5622 VA	6776 VA	5688 VA
46,47,48	E - PANEL X	150.0 A	3	11020 VA	8660 VA	9200 VA
			Total Load:	134490 VA	120433 VA	108859 VA
			Total Amps:	1135.6 A	1018.4 A	907.2 A

Legend:
E = EXISTING EQUIPMENT

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
				Total Conn. Load:	363783 VA
				Total Est. Demand:	327973 VA
				Total Conn. Current:	1009.8 A
				Total Est. Demand Current:	910.4 A

Notes:
EXISTING PANEL
INSTALL EQUIPMENT GROUNDING BUS

Panelboard: E

Location: LIBRARY-1 126-1 | **Volts:** 208Y/120 V | **A.I.C. Rating:** EXISTING
Supply From: D | **Phases:** 3 | **Mains Type:** MLO
Mounting: Recessed | **Wires:** 4 | **Panel Rating** 100.0 A
Enclosure:

CKT	Circuit Description	Device Notes	Trip	Poles	A		B		C		Poles	Trip	Device Notes	Circuit Description	CKT
1	Spare		20	2	0	0					2	20		Spare	2
3	--	--	--	--			0	0			--	--	--	--	4
5	R - 108		20	1					1080	1080	1	20		R - 143	6
7	R - 108T		20	1	180	0					1	20		Spare	8
9	R - 142		20	1			900	0			1	20		Spare	10
11	E - 107T, 107B, 108, 143, 144		20	1					1102	0	1	20	LOD	Spare	12
13	L - 107A		20	1	201	0					1	20		Spare	14
15	R - 107B, 107A		20	1			1440	0			3	20		Spare	16
17	Spare		20	1					0	0	--	--	--	--	18
19	Spare		15	1	0	0					--	--	--	--	20
			Total Load:		381 VA		2340 VA		3262 VA						
			Total Amps:		3.2 A		22.0 A		29.7 A						

		Panel Totals	
L = LIGHTS			
R = RECEPTACLES			
M = MECHANICAL EQUIPMENT	**Total Conn. Load:**	5983 VA	
P = PLUMBING EQUIPMENT	**Total Est. Demand:**	5983 VA	
E = EXISTING EQUIPMENT	**Total Conn. Current:**	16.6 A	
	Total Est. Demand Current:	16.6 A	

Notes:
EXISTING PANEL
INSTALL EQUIPMENT GROUNDING BUS

Panelboard: EM

Location: MECHANICAL EQUIPMENT 128 | **Volts:** 208Y/120 V | **A.I.C. Rating:** EXISTING
Supply From: | **Phases:** 3 | **Mains Type:** MLO
Mounting: Wall Mounted | **Wires:** 4 | **Panel Rating** 100.0 A
Enclosure:

CKT	Circuit Description	Device Notes	Trip	Poles	A		B		C		Poles	Trip	Device Notes	Circuit Description	CKT
1															2
3									748		1	20		L - 333, 226, 194, 134, 192, 136, 137, 13...	4
5	L - 188, 189		20	1					317						6
7	L - 211, 207-1, 210, 209, 212, 161U, 20...		20	1	555	1000					1	20		E - TELEPHONE	8
9									1000		1	20		E - SOUND SYSTEM	10
11	E - CLOCK SYSTEM		20	1					500	360	1	20	LOD	FIRE ALARM PANEL	12
13	E - EXIT LIGHTS		20	2	1000	1000					2	20	LOD	E - FIRE ALARM SYSTEM	14
15	--	--	--	--			1000	1000			--	--	--	--	16
17										0	1	20		Spare	18
19	Space		--	1	--	--					1	--		Space	20
			Total Load:		3555 VA		3748 VA		1177 VA						
			Total Amps:		32.7 A		34.3 A		9.8 A						

		Panel Totals	
L = LIGHTS			
R = RECEPTACLES			
M = MECHANICAL EQUIPMENT	**Total Conn. Load:**	8480 VA	
P = PLUMBING EQUIPMENT	**Total Est. Demand:**	8480 VA	
E = EXISTING EQUIPMENT	**Total Conn. Current:**	23.5 A	
LOD = LOCK ON DEVICE	**Total Est. Demand Current:**	23.5 A	

Notes:
EXISTING PANEL
INSTALL EQUIPMENT GROUNDING BUS

Panelboard: F

Location: CORRIDOR-1 205-1 | **Volts:** 208Y/120 V | **A.I.C. Rating:** EXISTING
Supply From: DP | **Phases:** 3 | **Mains Type:** MLO
Mounting: Recessed | **Wires:** 4 | **Panel Rating** 225.0 A
Enclosure:

CKT	Circuit Description	Device Notes	Trip	Poles	A		B		C		Poles	Trip	Device Notes	Circuit Description	CKT
1	L - 205-4, 253, 161CC		20	1	342	1200					1	20		R - 156 - COPIER	2
3	L - 167, 166, 163, 161, 162, 164, 326,...		20	1			1068	1200			1	20		R - 156 - COPIER	4
5	R - 163 - REFRIGERATOR		20	1					600	720	1	20		R - 100H, 100A	6
7	R - 158		20	1	180										8
9	Spare		20	1			0								10
11	Spare		20	1					0	0	1	20		Spare	12
13	Spare		20	1	0	0					1	20		Spare	14
15	Spare		20	1			0	1000			1	20	LOD	E - RECEPTACLES	16
17	Spare		20	1					0	1000	1	20	LOD	E - RECEPTACLES	18
19	Spare		20	1	0	1080					1	20		R - 162, 164, 165, 159	20
21	E - CORRIDOR RECEPTACLES		20	1			720	720			1	20		E - RECEPTACLES	22
23	Spare		20	1					0	720	1	20		E - RECEPTACLES	24
25	E - RECEPTACLES RM #141, 142, 143		20	1	720	720					1	20		E - RECEPTACLES	26
27	E - CH-1		20	1			528	0			1	20		Spare	28
29	E - CH-1		20	1					528	0	3	50		Spare	30
31	E - IBM MACHINE	LOD	30	2	1000	0					--	--	--	--	32
33	--	--	--	--			1000	0			--	--	--	--	34
35	E - COFFEE MACHINE TEACHER...		15	1					800	0	1	20		Spare	36
37	E - SCOREBOARD - GYM		20	1	1000	--					1	--		Space	38
39	Space		--	1			--	--			1	--		Space	40
41	Space		--	1					--	--	1	--		Space	42
			Total Load:		13722 VA		11344 VA		7788 VA						
			Total Amps:		118.9 A		99.1 A		64.9 A						

		Panel Totals	
L = LIGHTS			
R = RECEPTACLES			
M = MECHANICAL EQUIPMENT	**Total Conn. Load:**	32854 VA	
P = PLUMBING EQUIPMENT	**Total Est. Demand:**	32854 VA	
E = EXISTING EQUIPMENT	**Total Conn. Current:**	91.2 A	
	Total Est. Demand Current:	91.2 A	

Notes:
EXISTING PANEL
INSTALL EQUIPMENT GROUNDING BUS

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STATE OF OHIO
SAMUEL H. BOHMAN
58475
REGISTERED
PROFESSIONAL ENGINEER

SHP
312 Plum St., Ste 700 | Cincinnati, OH 45202 | 513.381.2112
106k North 4th St., Ste 111 | Columbus, OH 43201 | 614.223.2124
223 Fairfield Ave., Ste 100 | Bellevue, KY 41073 | 859.360.1234

WINTON WOODS CITY SCHOOLS
EARLY CHILDHOOD RENOVATION
825 WAYCROSS ROAD, CINCINNATI, OHIO 45240

WINTON WOODS CITY SCHOOLS
825 WAYCROSS ROAD, SUITE A, CINCINNATI, OHIO 45240

ISSUANCES

04-28-23	BID/PERMIT

PANEL SCHEDULES

DATE 10-14-22

COMM NO. 2021091.01

E400

C:\Users\aplaver\Documents_LFile23\MEP 2021091.01 Winton Woods CSD-Early Childhood Village-ESSR_aplaver8SU9C.rvt
5/12/2023 3:35:30 PM

0'-1" REFERENCE LINE

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Panelboard: G

Location: CORRIDOR 197 | **Volts:** 208Y/120 V | **A.I.C. Rating:**
Supply From: F | **Phases:** 3 | **Mains Type:** MLO
Mounting: Recessed | **Wires:** 4 | **Panel Rating** 225.0 A
Enclosure:

CKT	Circuit Description	Device Notes	Trip	Poles	A		B		C		Poles	Trip	Device Notes	Circuit Description	CKT
1	R - 174, 174A		20	1	1440	0					1	20		Spare	2
3	Spare		20	1			0	0			1	20		Spare	4
5	Spare		20	1					0	0	1	20		Spare	6
7	Spare		20	1	0	0					1	20		Spare	8
9	Spare		20	1			0	0			1	20		Spare	10
11	Spare		20	1					0	0	1	20		Spare	12
13	Spare		20	1	0	1000					1	20		E - CORRIDOR RECEPTACLES	14
15	Spare		20	1			0	1080			1	20		R - 174, 173	16
17	E - ENTRY LIGHTS WEST ENTRANCE		20	1					1000	900	1	20		R - 156, 158C, 171, 158	18
19	E - ENTRY LIGHTS FRONT ENTERANCE		20	1	1000	1080					1	20		R - 172	20
21	Spare		20	3			800	1260			1	20		R - 156, 170, 158, 172A, 172B	22
23	--	--	--	--					800	0	1	20		Spare	24
25	--	--	--	--	800	0					3	20		Spare	26
27	E - CH-1		20	1			528	0			--	--	--	--	28
29	Spare		20	1					0	0	--	--	--	--	30
31	E - RECP. RM 162 CTR WALL		20	1	720	720					1	20		E - COMPUTER RECP	32
33	E - PODIUM CASE		20	1			720	720			1	20		E - COMPUTER RECP	34
35	E - COMM RECPT		20	1					720	0	1	20		Spare	36
37	E - COMM RECPT		20	1	720	0					3	30		Spare	38
39	Spare		20	1			0	0			--	--	--	--	40
41	Spare		20	1					0	0	--	--	--	--	42
				Total Load:	7480 VA		5108 VA		3420 VA						
				Total Amps:	64.5 A		44.7 A		28.5 A						

		Panel Totals	
L = LIGHTS			
R = RECEPTACLES			
M = MECHANICAL EQUIPMENT		**Total Conn. Load:**	16008 VA
P = PLUMBING EQUIPMENT		**Total Est. Demand:**	16008 VA
E = EXISTING EQUIPMENT		**Total Conn. Current:**	44.4 A
		Total Est. Demand Current:	44.4 A

Notes:
EXISTING PANEL
INSTALL EQUIPMENT GROUNDING BUS

Panelboard: H

Location: FAMILY / ELA 179 | **Volts:** 208Y/120 V | **A.I.C. Rating:** EXISTING
Supply From: DP | **Phases:** 3 | **Mains Type:** MLO
Mounting: Recessed | **Wires:** 4 | **Panel Rating** 225.0 A
Enclosure:

CKT	Circuit Description	Device Notes	Trip	Poles	A		B		C		Poles	Trip	Device Notes	Circuit Description	CKT
1	R - 179		20	1	720	0					1	20		Spare	2
3	R - 181		20	1			1260	0			1	20		Spare	4
5	R - 180		20	1					1260	0	1	20		Spare	6
7	R - 177, 178		20	1	1440	0					1	20		Spare	8
9	R - 182		20	1			1440	0			1	20		Spare	10
11	R - 176		20	1					900	0	2	15		Spare	12
13	L - 182, 181, 179, 180, 177, 178, 176		20	1	1410	0					--	--	--	--	14
15	L - 195, 195B, 292, 169		20	1			448	1000			1	20		E - RECEPTACLEES ROOMS 160, 162	16
17										1000	1	20		E - RECEPTACLES ROOMS 160, 159,...	18
19	Spare		20	3	800	800					3	20		Spare	20
21	--	--	--	--			800	800			--	--	--	--	22
23	--	--	--	--					800	800	--	--	--	--	24
25	Spare		60	3	0	2000					3	60		E - EXISTING	26
27	--	--	--	--			0	2000			--	--	--	--	28
29	--	--	--	--					0	2000	--	--	--	--	30
31	E - RECP. RM 161 CTR WALL		20	1	1000	0					2	100		Spare	32
33	Space		--	1			--	0			--	--	--	--	34
35	Space		--	1	--	--			--	--	1	--		Space	36
37	Space		--	1	--	--					1	--		Space	38
39	Space		--	1			--	--			1	--		Space	40
41	Space		--	1					--	--	1	--		Space	42
				Total Load:	8170 VA		7748 VA		6760 VA						
				Total Amps:	69.3 A		65.8 A		56.3 A						

		Panel Totals	
L = LIGHTS			
R = RECEPTACLES			
M = MECHANICAL EQUIPMENT		**Total Conn. Load:**	22678 VA
P = PLUMBING EQUIPMENT		**Total Est. Demand:**	22678 VA
E = EXISTING EQUIPMENT		**Total Conn. Current:**	62.9 A
		Total Est. Demand Current:	62.9 A

Notes:
EXISTING EQUIPMENT
INSTALL EQUIPMENT GROUNDING BUS

Panelboard: J

Location: CORRIDOR-1 2-1 | **Volts:** 208Y/120 V | **A.I.C. Rating:** EXISTING
Supply From: DP | **Phases:** 3 | **Mains Type:** MLO
Mounting: Recessed | **Wires:** 4 | **Panel Rating** 225.0 A
Enclosure:

CKT	Circuit Description	Device Notes	Trip	Poles	A		B		C		Poles	Trip	Device Notes	Circuit Description	CKT
1	R - 146		20	1	1440	180					1	20		R - 147	2
3	R - 145		20	1			1260	900			1	20		R - 201	4
5	R - 145A		20	1					360	180	1	20		R - 175	6
7	R - 150T, 151, 149T, 148		20	1	720										8
9	R - 152		20	1			1440								10
11	R - 148 - DRYER		20	2					2496	180	1	20	GFI	R - EWC	12
13	--	--	--	--	2496	1000					1	20		E - RECEPTACLES ROOM 122, 123	14
15	R - 148 - WASHER	GFI	20	1			1500	0			1	20		Spare	16
17	Spare		20	1					0	0	1	20		Spare	18
19	Spare		20	1	0	60					3	30		R - 139A - KILN	20
21	Spare		30	2			0	60			--	--	--	--	22
23	--	--	--	--					0	60	--	--	--	--	24
25	Spare		20	3	0	0					3	50		Spare	26
27	--	--	--	--			0	0			--	--	--	--	28
29	--	--	--	--					0	0	--	--	--	--	30
31	Spare		50	2	0	0					1	20		Spare	32
33	--	--	--	--			0	0			1	20		Spare	34
35	Spare		20	1					0	0	1	20		Spare	36
37	E - PLUG IN BUS DUCT		100	3	0	--					1	--		Space	38
39	--	--	--	--			0	--			1	--		Space	40
41	--	--	--	--					0	--	1	--		Space	42
				Total Load:	5896 VA		5160 VA		3276 VA						
				Total Amps:	51.5 A		45.4 A		27.3 A						

		Panel Totals	
L = LIGHTS			
R = RECEPTACLES			
M = MECHANICAL EQUIPMENT		**Total Conn. Load:**	14332 VA
P = PLUMBING EQUIPMENT		**Total Est. Demand:**	14332 VA
E = EXISTING PANEL		**Total Conn. Current:**	39.8 A
		Total Est. Demand Current:	39.8 A

Notes:
EXISTING PANEL
INSTALL EQUIPMENT GROUNDING BUS

Panelboard: K

Location: STAGE 193 | **Volts:** 208Y/120 V | **A.I.C. Rating:**
Supply From: DP | **Phases:** 3 | **Mains Type:** MLO
Mounting: Wall Mounted | **Wires:** 4 | **Panel Rating** 125.0 A
Enclosure:

CKT	Circuit Description	Device Notes	Trip	Poles	A		B		C		Poles	Trip	Device Notes	Circuit Description	CKT
1	Spare		20	1	0	1500					1	20		E - RED BORDER #1	2
3	Spare		20	1			0	1500			1	20		E - RED BORDER #2	4
5	Spare		20	1					0	1500	1	20		E - RED BORDER #3	6
7	Spare		20	1	0	1500					1	20		E - WHITE BORDER #3	8
9	Spare		20	1			0	1500			1	20		E - WHITE BORDER #1	10
11	Spare		20	1					0	1500	1	20		E - WHITE BORDER #2	12
13	Spare		20	1	0	1500					1	20		E - BLUE BORDER #2	14
15	Spare		20	1			0	1500			1	20		E - BLUE BORDER #3	16
17	Spare		20	1					0	1500	1	20		E - BLUE BORDER #1	18
19	Spare		20	1	0	1500					1	20		E - RED BEAM LT.	20
21	Spare		20	1			0	1500			1	20		E - WHITE BEAM LT.	22
23	Spare		20	1					0	1500	1	20		E - BLUE BEAM LT.	24
25	Spare		20	1	0	1000					1	20		E - FLOOR POCKETS - STAGE RT.	26
27	Spare		20	1			0	1000			1	20		E - FLOOR POCKETS - STAGE RT.	28
29	Spare		20	1					0	1000	1	20		E - FLOOR POCKETS - STAGE LEFT	30
31	E - SCOREBOARD		20	1	1000	1000					1	20		E - FLOOR POCKETS - STAGE LEFT	32
33	Spare		20	1			0	1000			1	20		E - FLOOR POCKETS - STAGE LEFT	34
35	Spare		20	1					0	500	1	20		E - BEAM SPEAKER SPOTS	36
37	E - GYM CURTAIN - 2HP		20	3	1000	0					1	20		Spare	38
39	--	--	--	--			1000	0			1	20		Spare	40
41	--	--	--	--					1000	0	1	20		Spare	42
				Total Load:	10000 VA		9000 VA		8500 VA						
				Total Amps:	84.0 A		75.6 A		70.8 A						

		Panel Totals	
L = LIGHTS			
R = RECEPTACLES			
M = MECHANICAL EQUIPMENT		**Total Conn. Load:**	27500 VA
P = PLUMBING EQUIPMENT		**Total Est. Demand:**	27500 VA
E = EXISTING EQUIPMENT		**Total Conn. Current:**	76.3 A
		Total Est. Demand Current:	76.3 A

Notes:
EXISTING PANEL
INSTALL EQUIPMENT GROUNDING BUS

Panelboard: L

Location: STUDY HALL/CAFETERIA-1... | **Volts:** 208Y/120 V | **A.I.C. Rating:** EXISTING
Supply From: DP | **Phases:** 3 | **Mains Type:** MLO
Mounting: Recessed | **Wires:** 4 | **Panel Rating** 225.0 A
Enclosure:

CKT	Circuit Description	Device Notes	Trip	Poles	A		B		C		Poles	Trip	Device Notes	Circuit Description	CKT
1	R - 185		20	1	180	900					1	20		E - STAGE SPOT LTS	2
3	R - 184, 186		20	1			1440	1360			1	20		L - AREA B	4
5	L - 188, 193, 194, 195		20	1					1106	1333	1	20		L - 145, 146, 152	6
7	L - 183A, 184A, 184, 185, 187		20	1	1008	767					1	20		L - 147, 148, 149T, 150T, 151	8
9	L - 100H, 100G		20	1			380	0			1	20		Spare	10
11	MOTORIZED BLINDS		20	1					360	0	1	20		Spare	12
13	Spare		20	1	0	1000					1	20		E - RECEPTACLES ROOM 194	14
15	E - POP MACHINE		20	1			1000	0			1	20		Spare	16
17	E - RECEPTACLES ROOM 191		20	1					1000	0	2	20		Spare	18
19	E - RECEPTACLES ROOM 191		20	1	1000	0					--	--	--	--	20
21	Spare		20	1			0	0			1	20		Spare	22
23	Spare		20	3					0	0	3	20		Spare	24
25	--	--	--	--	0	0					--	--	--	--	26
27	--	--	--	--			0	0			--	--	--	--	28
29	Spare		40	3					0	0	3	40		Spare	30
31	--	--	--	--	0	0					--	--	--	--	32
33	--	--	--	--			0	0			--	--	--	--	34
35	Space		--	1					--	500	2	20		E - COPY MACHINE	36
37	Space		--	1	--	500					--	--	--	--	38
39	Space		--	1			--	--			1	--		Space	40
41	Space		--	1					--	--	1	--		Space	42
				Total Load:	5355 VA		4180 VA		4299 VA						
				Total Amps:	44.8 A		34.8 A		36.0 A						

		Panel Totals	
L = LIGHTS			
R = RECEPTACLES			
M = MECHANICAL EQUIPMENT		**Total Conn. Load:**	13834 VA
P = PLUMBING EQUIPMENT		**Total Est. Demand:**	13834 VA
E = EXISTING EQUIPMENT		**Total Conn. Current:**	38.4 A
		Total Est. Demand Current:	38.4 A

Notes:
EXISTING PANEL
INSTALL EQUIPMENT GROUNDING BUS

Panelboard: M

Location: KITCHEN-2 188-2 | **Volts:** 208Y/120 V | **A.I.C. Rating:** EXISTING
Supply From: DP | **Phases:** 3 | **Mains Type:** MLO
Mounting: Recessed | **Wires:** 4 | **Panel Rating** 225.0 A
Enclosure:

CKT	Circuit Description	Device Notes	Trip	Poles	A		B		C		Poles	Trip	Device Notes	Circuit Description	CKT
1						1000					1	20		E - RECEPTS ROOMS 178, 183, 185	2
3	K13 - CONVECTION STEAMER		20	1			1176	1000			1	20		E - RECEPTS ROOMS 187, 188	4
5	K13 - CONVECTION STEAMER		20	1					1176	1000	1	20		E - RECEPTS ROOMS 187, 188	6
7	Spare		20	1	0	1000					1	20		E - RECEPTS RM 188	8
9	Spare		20	1			0	1000			1	20		E - RECEPTS RM 188	10
11	Spare		20	1					0	1000	1	20		E - RECEPTS RM 188	12
13	Spare		20	1	0	1000					1	20		E - RECEPTS RM 188	14
15	E - HOT CART RECEPTACLE		20	1			1000	1000			1	20		E - RECEPTS RM 188	16
17	E - REFRIGERATOR		20	1					1000	1000	1	20		E - RECEPTS RM 188	18
19	E - OVEN		20	1	1600	1000					1	20		E - REFRIGERATOR RM. 188	20
21	E - OVEN		20	1			1600	1000			1	20		E - MIXER RM 188	22
23	E - CANOPY		20	1					600	1500	1	20		E - FOOD CARTS	24
25	Spare		20	1	0	1500					1	20		E - FOOD CARTS	26
27	E - WALK IN FREEZER		20	1			1000	0			2	20		Spare	28
29	E - WALK IN FREEZER		20	1					1000	0	--	--	--	--	30
31	E - UNKNOWN		20	2	0	0					2	20		E - UNKNOWN	32
33	--	--	--	--			0	0			--	--	--	--	34
35	E - UNKNOWN		20	1					0	500	1	20		E - FREEZER LIGHTS	36
37	E - UNKNOWN		20	1	0	1000					1	20		E - FREEZER HEAT TRACE	38
				Total Load:	22595 VA		21408 VA		25131 VA						
				Total Amps:	189.8 A		178.4 A		210.9 A						

		Panel Totals	
L = LIGHTS			
R = RECEPTACLES			
M = MECHANICAL EQUIPMENT		**Total Conn. Load:**	69134 VA
P = PLUMBING EQUIPMENT		**Total Est. Demand:**	69134 VA
E = EXISTING EQUIPMENT		**Total Conn. Current:**	191.9 A
		Total Est. Demand Current:	191.9 A

Notes:
EXISTING PANEL
INSTALL EQUIPMENT GROUNDING BUS

Panelboard: P

Location: CORRIDOR-1 201-1 | **Volts:** 208Y/120 V | **A.I.C. Rating:** EXISTING
Supply From: Q | **Phases:** 3 | **Mains Type:** MLO
Mounting: Recessed | **Wires:** 4 | **Panel Rating** 100.0 A
Enclosure:

CKT	Circuit Description	Device Notes	Trip	Poles	A		B		C		Poles	Trip	Device Notes	Circuit Description	CKT
1	R - 134		20	1	900	360					1	20		R - 192	2
3	R - 131		20	1			900	0			1	20		Spare	4
5	R - 194		20	1					1080	0	1	20		Spare	6
7	E - RECEPT ROOM 113		20	1	720	0					1	20		Spare	8
9	E - RECEPT ROOM 113		20	1			720	0			1	20		Spare	10
11	E - RECEPT ROOM 113		20	1					720	0	2	20		Spare	12
13	E - UNKOWN		20	1	720	0					--	--	--	--	14
15	E - RECEPTS FLOOR ROOM 113		20	1			720	720			1	20		E - UNKOWN	16
17	E - RECEPTS FLOOR ROOM 113 -...		20	1					720	720	1	20		Spare	18
19	Spare		20	1	0	0					1	20		Spare	20
				Total Load:	2700 VA		3060 VA		3240 VA						
				Total Amps:	22.5 A		26.0 A		27.5 A						

		Panel Totals	
L = LIGHTS			
R = RECEPTACLES			
M = MECHANICAL EQUIPMENT		**Total Conn. Load:**	9000 VA
P = PLUMBING EQUIPMENT		**Total Est. Demand:**	9000 VA
E = EXISTING EQUIPMENT		**Total Conn. Current:**	25.0 A
		Total Est. Demand Current:	25.0 A

Notes:
EXISTING PANEL
INSTALL EQUIPMENT GROUNDING BUS

Panelboard: Q

Location: LIGHT COURT 3-1 1103-1 | **Volts:** 208Y/120 V | **A.I.C. Rating:** EXISTING
Supply From: DP | **Phases:** 3 | **Mains Type:** MLO
Mounting: Recessed | **Wires:** 4 | **Panel Rating** 225.0 A
Enclosure:

CKT	Circuit Description	Device Notes	Trip	Poles	A		B		C		Poles	Trip	Device Notes	Circuit Description	CKT
1	L - 100G, 131		20	1	762	1440					1	20		R - 133, 132	2
3	L - 130, 134		20	1			836	1080			1	20		R - 135	4
5	L - 135, 136, 137, 139		20	1					1368	1080	1	20		R - 136, 137, 139	6
7	Spare		20	1	0	720					1	20		E - NEW RECPT 114	8
9	E - CLOCKS 119-113, 109		20	1			720	1080			1	20		R - 137	10
11	Spare		30	2					0	0	2	30		Spare	12
13	--	--	--	--	0	0					--	--	--	--	14
15	Spare		50	2			0	0			2	50		Spare	16
17	--	--	--	--					0	0	--	--	--	--	18
19	Spare		50	2	0	0					2	50		Spare	20
21	--	--	--	--			0	0			--	--	--	--	22
23	Spare		50	2					0	0	2	50		Spare	24
25	--	--	--	--	0	0					--	--	--	--	26
27	E - UNKOWN		30	2			0	0			2	50		Spare	28
29	--	--	--	--					0	0	--	--	--	--	30
31	E - Existing Panel P		50	3	2700	0					1	20		E - UNKOWN	32
33	--	--	--	--			3060	--			1	--		Space	34
35	--	--	--	--					3240	--	1	--		Space	36
37	Space		--	1	--	--					1	--		Space	38
39	Space		--	1			--	--			1	--		Space	40
41	Space		--	1					--	--	1	--		Space	42
				Total Load:	5622 VA		6776 VA		5688 VA						
				Total Amps:	46.9 A		56.6 A		47.5 A						

		Panel Totals	
L = LIGHTS			
R = RECEPTACLES			
M = MECHANICAL EQUIPMENT		**Total Conn. Load:**	18086 VA
P = PLUMBING EQUIPMENT		**Total Est. Demand:**	18086 VA
E = EXISTING EQUIPMENT		**Total Conn. Current:**	50.2 A
		Total Est. Demand Current:	50.2 A

Notes:
EXISTING PANEL
INSTALL EQUIPMENT GROUNDING BUS

Panelboard: R

Location: KITCHEN-2 188-2 | **Volts:** 208Y/120 V | **A.I.C. Rating:** EXISTING PANEL
Supply From: M | **Phases:** 3 | **Mains Type:** ML/O
Mounting: Recessed | **Wires:** 4 | **Panel Rating** 225.0 A
Enclosure:

CKT	Circuit Description	Device Notes	Trip	Poles	A		B		C		Poles	Trip	Device Notes	Circuit Description	CKT
1	E - SERVICE COUNTER		20	3	800	600					1	20	LOD	K1b - FIRE SUPRESSION	2
3	--	--	--	--			800	238			1	20		K1a - HOOD LIGHTING	4
5	--	--	--	--					800	360	1	20		KITCHEN OVERHEAD DOOR	6
7	Space		--	1	--	800					3	20		E - HOOD EXH. FAN EF-1 RM 188	8
9	E - EVAP		20	2			1000	800			--	--	--	--	10
11	--	--	--	--					1000	800	--	--	--	--	12
13	E - CONDENSOR		25	3	1200	937					3	15		K3 - DISPOSAL	14
15	--	--	--	--			1200	937			--	--	--	--	16
17	--	--	--	--					1200	937	--	--	--	--	18
19	E - CUTTER		15	2	500	500					3	20		E - CAN CRUSHER	20
21	--	--	--	--			500	500			--	--	--	--	22
23	E - OVEN		50	2					3300	500	--	--	--	--	24
25	--	--	--	--	3300	1000					3	20		E - WALK IN COOLER	26
27	E - RECEPTACLE BACK WALL		30	2			800	1000			--	--	--	--	28
29	--	--	--	--					800	1000	--	--	--	--	30
31	K1 - HOOD MAKE-UP AIR & HEAT		30	3	2858	--					1	--		N/A	32
33	--	--	--	--			2858	--			1	--		N/A	34
35	--	--	--	--					2858	1260	1	20		R - ROOFTOP RECEP	36
37	E - FOOD CHOPPER		30	3	1000	1000					2	30		E - HEAT TRACE	38
39	--	--	--	--			1000	1000			--	--	--	--	40
41	--	--	--	--					1000	540	1	20		R - 184A	42
				Total Load:	14495 VA		12632 VA		16355 VA						
				Total Amps:	123.2 A		105.3 A		138.7 A						

		Panel Totals	
L = LIGHTS			
R = RECEPTACLES			
M = MECHANICAL EQUIPMENT		**Total Conn. Load:**	43482 VA
P = PLUMBING EQUIPMENT		**Total Est. Demand:**	43482 VA
		Total Conn. Current:	120.7 A
		Total Est. Demand Current:	120.7 A

Notes:
EXISTING PANEL
INSTALL EQUIPMENT GROUNDING BUS

STATE OF OHIO
SAMUEL H. BOHMAN
59475
REGISTERED
PROFESSIONAL ENGINEER

SHP
312 Plum St., Ste 700 | Cincinnati, OH 45202 | 513.381.2112
1086 North 4th St., Ste 111 | Columbus, OH 43201 | 614.223.2124
223 Fairfield Ave., Ste 100 | Bellevue, KY 41073 | 859.360.1234

WINTON WOODS CITY SCHOOLS
EARLY CHILDHOOD RENOVATION
825 WAYCROSS ROAD, CINCINNATI, OHIO 45240

WINTON WOODS CITY SCHOOLS
825 WAYCROSS ROAD, SUITE A, CINCINNATI, OHIO 45240

ISSUANCES

04-28-23	BID/PERMIT

PANEL SCHEDULES

DATE 10-14-22

COMM NO. 2021091.01

E401

C:\Users\saplaver\Documents_Life23\MEP 2021091.01 Winton Woods CSD-Early Childhood Village-ESSR_saplaver8SU9C.rvt
5/12/2023 3:35:35 PM

0"-1" REFERENCE LINE

Panelboard: S1

Location: MECHANICAL EQUIPMENT 128 | **Volts:** 208Y/120 V | **A.I.C. Rating:** EXISTING
Supply From: DP | **Phases:** 3 | **Mains Type:** MLO
Mounting: Wall Mounted | **Wires:** 4 | **Panel Rating** 200.0 A
Enclosure:

CKT	Circuit Description	Device Notes	Trip	Poles	A		B		C		Poles	Trip	Device Notes	Circuit Description	CKT
1	E - PANEL S2		100	3	8783	84					1	20		L - EXTERIOR LIGHTING	2
3	--	--	--	--			9280	1080			1	20		R - 140	4
5	--	--	--	--					4524	1981	3	20		R - 144A	6
7	L -..		20	1	507	1981					--	--	--	--	8
9	L - AREA C EXTERIOR		20	1			60	1981			--	--	--	--	10
11	Space		--	1					--						12
13	Space		--	1	--	--					1	--		Space	14
15	Space		--	1			--	--			1	--		Space	16
17	Space		--	1					--	--	1	--		Space	18
19	Space		--	1	--	--					1	--		Space	20
21	Space		--	1			--	--			1	--		Space	22
23	Space		--	1					--	--	1	--		Space	24
25	Space		--	1	--	--					1	--		Space	26
27	Space		--	1			--	--			1	--		Space	28
29	Spare		20	1					0	--	1	--		Space	30
				Total Load:	11355 VA		12401 VA		6505 VA						
				Total Amps:	100.8 A		109.6 A		54.2 A						

	Panel Totals
L = LIGHTS	
R = RECEPTACLES	
M = MECHANICAL EQUIPMENT	**Total Conn. Load:** 30262 VA
P = PLUMBING EQUIPMENT	**Total Est. Demand:** 30262 VA
E = EXISTING EQUIPMENT	**Total Conn. Current:** 84.0 A
	Total Est. Demand Current: 84.0 A

Notes:
EXISTING PANEL

Panelboard: S2

Location: PRACTICE 157 | **Volts:** 208Y/120 V | **A.I.C. Rating:** EXISTING
Supply From: S1 | **Phases:** 3 | **Mains Type:** MLO
Mounting: Wall Mounted | **Wires:** 4 | **Panel Rating** 100.0 A
Enclosure:

CKT	Circuit Description	Device Notes	Trip	Poles	A		B		C		Poles	Trip	Device Notes	Circuit Description	CKT
1	E - UPS-DSW		100	2	5200	1000					2	20		E - HVAC-MER	2
3	--	--	--	--			5200	1000			--	--	--	--	4
5	E - HVAC-FAN COIL		30	3					1800	630	1	20		L - 191, 195B, 179, 182, 181, 180, 292,...	6
7	--	--	--	--	1800	437					1	20		L - 103, 150C, 108, 143, 125	8
9	--	--	--	--			1800	84			1	20		L - EXTERIOR LIGHTING	10
11	Space		--	1					--	320	1	20		L - 183	12
13	Space		--	1	--	346					1	20		L - 159, 167, 205-4, 253	14
15	Space		--	1			--								16
17	Space		--	1					--	788	1	20		L - 116, 150E-2, 119, 121, 122, 150E-1,...	18
19	Space		--	1	--										20
21	Space		--	1			--								22
23	Space		--	1					--						24
25	Space		--	1	--										26
27	L - 174A, 174, 175T, 173		20	1			836	360			1	20		DOOR POWER SUPPLIES	28
29	L - 172, 172B, 172A, 170		20	1					985	0	1	20		Spare	30
				Total Load:	8783 VA		9280 VA		4524 VA						
				Total Amps:	78.7 A		82.8 A		37.7 A						

	Panel Totals
L = LIGHTS	
R = RECEPTACLES	
M = MECHANICAL EQUIPMENT	**Total Conn. Load:** 22587 VA
P = PLUMBING EQUIPMENT	**Total Est. Demand:** 22587 VA
E = EXISTING EQUIPMENT	**Total Conn. Current:** 62.7 A
	Total Est. Demand Current: 62.7 A

Notes:
EXISTING PANEL

Panelboard: X

Location: CORRIDOR 207 | **Volts:** 208Y/120 V | **A.I.C. Rating:** EXISTING
Supply From: DP | **Phases:** 3 | **Mains Type:** MCB
Mounting: Recessed | **Wires:** 4 | **Panel & MCB Rating** 100.0 A
Enclosure:

CKT	Circuit Description	Device Notes	Trip	Poles	A		B		C		Poles	Trip	Device Notes	Circuit Description	CKT
1	R - 200, 201		20	1	1080	1440					1	20		R - 161Q, 213F, 161R	2
3	R - 202		20	1			720	1440			1	20		R - 221A, 213G	4
5	R - 203, 204		20	1					900	900	1	20		R - 221A, 213G, 212	6
7	R - 161F, 161G		20	1	900	720					1	20		R - 212	8
9	R - 161F, 217A, 161J, 161G - OFFICE...		20	1			1440	540			1	20		R - 214, 215, 161S	10
11	R - 161H, 217A, 161J		20	1					1620	540	1	20		R - 213	12
13	R - 161H		20	1	720	600					1	20	GFI	R - 213 - REFRIGERATOR	14
15	R - 207, 212B		20	1			900	180			1	20		R - 213	16
17	R - 161M		20	1					1080	1080	1	20		R - 211, 210, 209 - FLOOR BOXES	18
19	R - 161M - FLOOR BOXES		20	1	720	1260					1	20		R - 209, 210	20
21	R - 200A - COPIER		20	1			1200	720			1	20		R - 211	22
23	R - 200A - COPIER		20	1					1200	900	1	20		R - 200A	24
25	R - 112, 161R, 161Q		20	1	1440	0					1	20		Spare	26
27	R - 200A		20	1			720	0			1	20		Spare	28
29	R - EXTERIOR RECPT		20	1					180	0	1	20		Sprea	30
31	R - 209, 210, 211 - TVS		20	1	540	800					1	20		E - OUTSIDE SPOT LIGHTS	32
33	Spare		20	1			0	0			2	50		Spare	34
35	Spare		20	1					0	0	--	--	--	--	36
37	Spare		20	1	0	800					3	20		E - HOT WATER PUMP HWP-1	38
39	Spare		20	1			0	800			--	--	--	--	40
41	Spare		20	1					0	800	--	--	--	--	42
				Total Load:	11020 VA		8660 VA		9200 VA						
				Total Amps:	92.5 A		72.2 A		77.4 A						

	Panel Totals
L = LIGHTS	
R = RECEPTACLES	
M = MECHANICAL EQUIPMENT	**Total Conn. Load:** 28880 VA
P = PLUMBING EQUIPMENT	**Total Est. Demand:** 25780 VA
	Total Conn. Current: 80.2 A
	Total Est. Demand Current: 71.6 A

Notes:
EXISTING PANEL
INSTALL EQUIPMENT GROUNDING BUS

Panelboard: LP188D

Location: ELECTRICAL 188D | **Volts:** 208Y/120 V | **A.I.C. Rating:** 10,000 A
Supply From: TLP188D | **Phases:** 3 | **Mains Type:** MCB
Mounting: Wall Mounted | **Wires:** 4 | **Panel & MCB Rating** 150.0 A
Enclosure:

CKT	Circuit Description	Device Notes	Trip	Poles	A		B		C		Poles	Trip	Device Notes	Circuit Description	CKT
1	M - EF-9		15	1	667	2327					3	25		M - ERV-4	2
3	M - HRCU-4 FCs		15	2			1217	2327			--	--	--	--	4
5	--	--	--	--					1217	2327	--	--	--	--	6
7	M - HRCU-4 FCs		15	2	1061	1165					2	15		M - HRCU-4 FCs	8
9	--	--	--	--			1061	1165			--	--	--	--	10
11	M - CUH-4,6,8		15	1					432	936	2	15		M - ACCU-1, DFC-1	12
13	M - ERV-2		15	2	593	936					--	--	--	--	14
15	--	--	--	--			593	667			1	15		M - EF-8	16
17	R - 188D		20	1					180						18
19	DOOR POWER SUPPLY		20	1	180										20
21	M - 128 - VRF CONTROL PANEL		20	1			600								22
23	M - 128 - VRF CONTROL PANEL		20	1					600						24
25	DOOR POWER SUPPLIES		20	1	360										26
27	M - EF-20		20	1			75								28
29	M - EF-14		20	1					667						30
31	M - EF-21, EF-28, EF-16		20	1	144										32
33	R - 153, EXTERIOR RECPTS		20	1			720								34
35															36
37	Spare		20	1	0	0					1	20		Spare	38
39	Spare		20	1			0	0			1	20		Spare	40
41	Spare		20	1					0	0	1	20		Spare	42
				Total Load:	7432 VA		8424 VA		6359 VA						
				Total Amps:	63.3 A		71.6 A		53.0 A						

	Panel Totals
L = LIGHTS	
R = RECEPTACLES	
M = MECHANICAL EQUIPMENT	**Total Conn. Load:** 22215 VA
P = PLUMBING EQUIPMENT	**Total Est. Demand:** 22215 VA
	Total Conn. Current: 61.7 A
	Total Est. Demand Current: 61.7 A

Notes:

Panelboard: LP150

Location: STOR. 150 | **Volts:** 208Y/120 V | **A.I.C. Rating:** 10,000 A
Supply From: TLP150 | **Phases:** 3 | **Mains Type:** MCB
Mounting: Wall Mounted | **Wires:** 4 | **Panel & MCB Rating** 150.0 A
Enclosure:

CKT	Circuit Description	Device Notes	Trip	Poles	A		B		C		Poles	Trip	Device Notes	Circuit Description	CKT
1	M - HRCU-2 FCs		15	2	562	1176					1	20		M - EF-4	2
3	--	--	--	--			562	667			1	15		M - EF-10	4
5	M - HRCU-2 FCs		15	2					884	667	1	15		M - EF-13	6
7	--	--	--	--	884	593					2	15		M - ERV-5	8
9	M - HRCU-2 FCs		15	2			52	593			--	--	--	--	10
11	--	--	--	--					52	500	1	15		M - EH-1	12
13	M - HRCU-3 FCs		15	2	707	48					1	20		M - EF-27	14
15	--	--	--	--			707	144			1	15		M - EF-26, EF-25, EF-24	16
17	M - HRCU-2 FCs		15	2					780						18
19	--	--	--	--	780										20
21	R - ROOFTOP RECEP		20	1			720								22
23	M - CUH-1,3,5,7		15	1					576						24
25	R - LIGHT COURT 2, EXTERIOR SIGN		20	1	1500										26
27	R - 101		20	1			1260								28
29	M - EF-22, EF-23, EF-29		15	1					144						30
31	R - 101A, 101T, 126		20	1	540										32
33	R - 126		20	1			1080								34
35															36
37	Spare		20	1	0	0					1	20		Spare	38
39	Spare		20	1			0	0			1	20		Spare	40
41	Spare		20	1					0	0	1	20		Spare	42
				Total Load:	6790 VA		5785 VA		3603 VA						
				Total Amps:	59.4 A		51.0 A		30.0 A						

	Panel Totals
L = LIGHTS	
R = RECEPTACLES	
M = MECHANICAL EQUIPMENT	**Total Conn. Load:** 16177 VA
P = PLUMBING EQUIPMENT	**Total Est. Demand:** 16177 VA
	Total Conn. Current: 44.9 A
	Total Est. Demand Current: 44.9 A

Notes:

Panelboard: LP184

Location: MECH. 184 | **Volts:** 208Y/120 V | **A.I.C. Rating:** 10,000 A
Supply From: TLP184 | **Phases:** 3 | **Mains Type:** MCB
Mounting: Wall Mounted | **Wires:** 4 | **Panel & MCB Rating** 225.0 A
Enclosure:

CKT	Circuit Description	Device Notes	Trip	Poles	A		B		C		Poles	Trip	Device Notes	Circuit Description	CKT
1	M - HRCU-7 FCs		15	2	1071	593					2	15		M - ERV-6	2
3	--	--	--	--			1071	593			--	--	--	--	4
5	M - HRCU-7 FCs		15	2					1113	2327	3	25		M - ERV-3	6
7	--	--	--	--	1113	2327					--	--	--	--	8
9	M - HRCU-7 FCs		15	2			1061	2327			--	--	--	--	10
11	--	--	--	--					1061	197	1	15		M - EF-2, EF-3	12
13	M - HRCU-5 FCs		15	2	676	811					2	15		M - HRCU-4 FCs	14
15	--	--	--	--			676	811			--	--	--	--	16
17	M - HRCU-3 FCs		15	2					1113	1165	2	15		M - HRCU-3 FCs	18
19	--	--	--	--	1113	1165					--	--	--	--	20
21	M - HRCU-3 FCs		15	2			811	1061			2	15		M - HRCU-6 FCs	22
23	--	--	--	--					811	1061	--	--	--	--	24
25	M - HRCU-8 FCs		15	2	1123										26
27	--	--	--	--			1123								28
29	M - HRCU-6 FCs		15	2					863						30
31	--	--	--	--	863										32
33	M - EH-2		20	1			500								34
35	M - EF-30		20	1					667						36
37	Spare		20	1	0	0					1	20		Spare	38
39	Spare		20	1			0	0			1	20		Spare	40
41	Spare		20	1					0	0	1	20		Spare	42
				Total Load:	10855 VA		10034 VA		10378 VA						
				Total Amps:	90.9 A		83.6 A		86.9 A						

	Panel Totals
L = LIGHTS	
R = RECEPTACLES	
M = MECHANICAL EQUIPMENT	**Total Conn. Load:** 31267 VA
P = PLUMBING EQUIPMENT	**Total Est. Demand:** 31267 VA
	Total Conn. Current: 86.8 A
	Total Est. Demand Current: 86.8 A

Notes:

Panelboard: LP211

Location: JANITOR 211 | **Volts:** 208Y/120 V | **A.I.C. Rating:** 10,000 A
Supply From: TLP211 | **Phases:** 3 | **Mains Type:** MCB
Mounting: Wall Mounted | **Wires:** 4 | **Panel & MCB Rating** 150.0 A
Enclosure:

CKT	Circuit Description	Device Notes	Trip	Poles	A		B		C		Poles	Trip	Device Notes	Circuit Description	CKT
1	M - HRCU-1 FCs		15	2	1134										2
3	--	--	--	--			1134								4
5	DOOR POWER SUPPLIES		20	1					900	75	1	20		M - EF-19	6
7	M - HRCU-1 FCs		15	2	1154	360					1	20		R - ROOFTOP RECPT	8
9	--	--	--	--			1154	667			1	20		M - EF-17	10
11	M - ERV-1		25	3					2327						12
13	--	--	--	--	2327										14
15	--	--	--	--			2327								16
17	R - ROOFTOP RECPT		20	1					720						18
19	M - CUH-2,9,10,11		15	1	848										20
21	R - 128, 127		20	1			540								22
23	L - 127, 128, 129		20	1					175						24
25	R - LIGHT COURT 1		20	1	900										26
27															28
29	DOOR POWER SUPPLY		20	1					180						30
31															32
33															34
35															36
37	Spare		20	1	0	0					1	20		Spare	38
39	Spare		20	1			0	0			1	20		Spare	40
41	Spare		20	1					0	0	1	20		Spare	42
				Total Load:	6723 VA		5822 VA		4377 VA						
				Total Amps:	57.9 A		50.4 A		36.5 A						

	Panel Totals
L = LIGHTS	
R = RECEPTACLES	
M = MECHANICAL EQUIPMENT	**Total Conn. Load:** 16922 VA
P = PLUMBING EQUIPMENT	**Total Est. Demand:** 16922 VA
	Total Conn. Current: 47.0 A
	Total Est. Demand Current: 47.0 A

Notes:

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STATE OF OHIO
SAMUEL H. BOHMAN
58475
REGISTERED
PROFESSIONAL ENGINEER

SHP
312 Plum St., Ste 700
Cincinnati, OH 45202
513.381.2112

1086 North 4th St., Ste 111
Columbus, OH 43201
614.223.2124

223 Fairfield Ave., Ste 100
Bellevue, KY 41073
859.360.1234

WINTON WOODS CITY SCHOOLS
EARLY CHILDHOOD RENOVATION
825 WAYCROSS ROAD, CINCINNATI, OHIO 45240

WINTON WOODS CITY SCHOOLS
825 WAYCROSS ROAD, SUITE A, CINCINNATI, OHIO 45240

ISSUANCES

04-28-23	BID/PERMIT	

PANEL SCHEDULES

DATE 10-14-22

COMM NO. 2021091.01

E402

0.1" REFERENCE LINE

5/12/2023 3:35:39 PM C:\Users\aplaver\Documents_LFile23\MEP 2021091.01 Winton Woods CSD-Early Childhood Village-ESSR_aplaver8SU9C.rvt

Switchboard: MP1

Location: ELECTRICAL 188D
Supply From:
Mounting:
Enclosure:
Volts: 480Y/277 V
Phases: 3
Wires: 4
A.I.C. Rating: 65,000 A
Mains Type: MCB
Mains Rating: 1600.0 A
MCB Rating: 1600.0 A

CKT	Circuit Description	# of Poles	Frame Size	Trip Rating	Load	Remarks
1	PP184	3	400.0 A	400.0 A	339051 VA	
2	PP128	3	600.0 A	600.0 A	209212 VA	
3	TPX	3	600.0 A	450.0 A	363783 VA	
4	PP150	3	400.0 A	400.0 A	171358 VA	
5	PP211	3	400.0 A	225.0 A	59179 VA	
6	Spare	3	400.0 A	400.0 A	0 VA	
7	Spare	3	400.0 A	400.0 A	0 VA	
8	Spare	3	400.0 A	400.0 A	0 VA	
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
				Total Conn. Load:	1142582 VA	
				Total Amps:	1374.3 A	

Legend:

Panel Totals	
Total Conn. Load:	1142582 VA
Total Est. Demand:	1101642 VA
Total Conn. Current:	1374.3 A
Total Est. Demand Current:	1325.1 A

Notes:
TVSS
OWNER METER

Panelboard: PP188D

Location: ELECTRICAL 188D
Supply From: MP1
Mounting: Wall Mounted
Enclosure:
Volts: 480Y/277 V
Phases: 3
Wires: 4
A.I.C. Rating: 18,000 A
Mains Type: MLO
Panel Rating 600.0 A

CKT	Circuit Description	Device Notes	Trip	Poles	A	B	C	Poles	Trip	Device Notes	Circuit Description	CKT
1	M - HRCU-8		50	3	12043	12043		3	50		M - HRCU-4	2
3	--	--	--	--		12043	12043	--	--	--	--	4
5	--	--	--	--			12043	12043	--	--	--	6
7	M - HRCU-8		40	3	9072	2016		3	15		M - P-2	8
9	--	--	--	--		9072	2016	--	--	--	--	10
11	--	--	--	--			9072	2016	--	--	--	12
13	M - CU-2A		20	3	3598	13820		3	60		M - HRCU-4	14
15	--	--	--	--		3598	13820	--	--	--	--	16
17	--	--	--	--			3598	13820	--	--	--	18
19	M - P-1		15	3	2016	7432		3	70		TLP188D	20
21	--	--	--	--		2016	8424	--	--	--	--	22
23	--	--	--	--			2016	6359	--	--	--	24
25	M - HRCU-4		60	3	13820	13820		3	60		M - HRCU-6	26
27	--	--	--	--		13820	13820	--	--	--	--	28
29	--	--	--	--			13820	13820	--	--	--	30
31	L - ELECTRICAL ROOM		20	1	86	3134		3	15		M - HRCU-5	32
33	M - AHU-1C		15	3		1273	3134	--	--	--	--	34
35	--	--	--	--			1273	3134	--	--	--	36
37	--	--	--	--	1273							38
39	M - AHU-1D		15	3		1273						40
41	--	--	--	--			1273					42
43	--	--	--	--	1273							44
45	K4 - DISHWASHER		80	3		17653						46
47	--	--	--	--			17653					48
49	--	--	--	--	17653							50
51												52
53												54
55	Spare		20	1	0	0		1	20		Spare	56
57	Spare		20	1		0	0	1	20		Spare	58
59	Spare		20	1			0	0	1	20		Spare	60
				Total Load:	113102 VA		114007 VA		111942 VA			
				Total Amps:	409.0 A		412.2 A		404.1 A			

L = LIGHTS	Panel Totals	
R = RECEPTACLES		
M = MECHANICAL EQUIPMENT	**Total Conn. Load:**	339051 VA
P = PLUMBING EQUIPMENT	**Total Est. Demand:**	339051 VA
	Total Conn. Current:	407.8 A
	Total Est. Demand Current:	407.8 A

Notes:

Panelboard: PP150

Location: STOR. 150
Supply From: MP1
Mounting: Wall Mounted
Enclosure:
Volts: 480Y/277 V
Phases: 3
Wires: 4
A.I.C. Rating: 18,000 A
Mains Type: MLO
Panel Rating 400.0 A

CKT	Circuit Description	Device Notes	Trip	Poles	A	B	C	Poles	Trip	Device Notes	Circuit Description	CKT
1	TLP150		70	3	6790	13820		3	60		M - HRCU-3	2
3	--	--	--	--		5785	13820	--	--	--	--	4
5	--	--	--	--			3603	13820	--	--	--	6
7	M - HRCU-2		60	3	13820	12043		3	60		M - HRCU-3	8
9	--	--	--	--		13820	12043	--	--	--	--	10
11	--	--	--	--			13820	12043	--	--	--	12
13	M - HRCU-2		50	3	12043							14
15	--	--	--	--		12043						16
17	--	--	--	--			12043					18
19												20
21												22
23												24
25												26
27												28
29												30
31												32
33												34
35												36
37	Spare		20	1	0	0		1	20		Spare	38
39	Spare		20	1		0	0	1	20		Spare	40
41	Spare		20	1			0	0	1	20		Spare	42
				Total Load:	58517 VA		57512 VA		55330 VA			
				Total Amps:	212.5 A		208.8 A		199.7 A			

L = LIGHTS	Panel Totals	
R = RECEPTACLES		
M = MECHANICAL EQUIPMENT	**Total Conn. Load:**	171358 VA
P = PLUMBING EQUIPMENT	**Total Est. Demand:**	171358 VA
	Total Conn. Current:	206.1 A
	Total Est. Demand Current:	206.1 A

Notes:

Panelboard: PP184

Location: MECH. 184
Supply From: MP1
Mounting: Wall Mounted
Enclosure:
Volts: 480Y/277 V
Phases: 3
Wires: 4
A.I.C. Rating: 18,000 A
Mains Type: MLO
Panel Rating 400.0 A

CKT	Circuit Description	Device Notes	Trip	Poles	A	B	C	Poles	Trip	Device Notes	Circuit Description	CKT
1	TLP184		125	3	10855	5040		3	25		M - CU-1A	2
3	--	--	--	--		10034	5040	--	--	--	--	4
5	--	--	--	--			10378	5040	--	--	--	6
7	M - CU-1C		25	3	5040	5040		3	25		M - CU-1B	8
9	--	--	--	--		5040	5040	--	--	--	--	10
11	--	--	--	--			5040	5040	--	--	--	12
13	M - CU-1D		25	3	5040	3598		3	20		M - CU-2B	14
15	--	--	--	--		5040	3598	--	--	--	--	16
17	--	--	--	--			5040	3598	--	--	--	18
19	M - HRCU-7		70	3	17581	796		3	15		M - AHU-2A	20
21	--	--	--	--		17581	796	--	--	--	--	22
23	--	--	--	--			17581	796	--	--	--	24
25	M - HRCU-7		60	3	13837	1273		3	15		M - AHU-1B	26
27	--	--	--	--		13837	1273	--	--	--	--	28
29	--	--	--	--			13837	1273	--	--	--	30
31	M - AHU-1A		15	3	1273	796		3	15		M - AHU-2B	32
33	--	--	--	--		1273	796	--	--	--	--	34
35	--	--	--	--			1273	796	--	--	--	36
37	Spare		20	3	0	0		3	20		Spare	38
39	--	--	--	--		0	0	--	--	--	--	40
41	--	--	--	--			0	0	--	--	--	42
				Total Load:	70170 VA		69349 VA		69693 VA			
				Total Amps:	253.5 A		250.4 A		251.8 A			

L = LIGHTS	Panel Totals	
R = RECEPTACLES		
M = MECHANICAL EQUIPMENT	**Total Conn. Load:**	209212 VA
P = PLUMBING EQUIPMENT	**Total Est. Demand:**	209212 VA
	Total Conn. Current:	251.6 A
	Total Est. Demand Current:	251.6 A

Notes:

Panelboard: PP211

Location: JANITOR 211
Supply From: MP1
Mounting: Wall Mounted
Enclosure:
Volts: 480Y/277 V
Phases: 3
Wires: 4
A.I.C. Rating: 18,000 A
Mains Type: MLO
Panel Rating 225.0 A

CKT	Circuit Description	Device Notes	Trip	Poles	A	B	C	Poles	Trip	Device Notes	Circuit Description	CKT
1	TLP211		70	3	6723							2
3	--	--	--	--		5822						4
5	--	--	--	--			4377					6
7	M - HRCU-1		30	3	6207							8
9	--	--	--	--		6207						10
11	--	--	--	--			6207					12
13	M - HRCU-1		35	3	7878							14
15	--	--	--	--		7878						16
17	--	--	--	--			7878					18
19												20
21												22
23												24
25												26
27												28
29												30
31												32
33												34
35												36
37	Spare		20	1	0	0		1	20		Spare	38
39	Spare		20	1		0	0	1	20		Spare	40
41	Spare		20	1			0	0	1	20		Spare	42
				Total Load:	20809 VA		19908 VA		18463 VA			
				Total Amps:	75.9 A		72.7 A		66.7 A			

L = LIGHTS	Panel Totals	
R = RECEPTACLES		
M = MECHANICAL EQUIPMENT	**Total Conn. Load:**	59179 VA
P = PLUMBING EQUIPMENT	**Total Est. Demand:**	59179 VA
	Total Conn. Current:	71.2 A
	Total Est. Demand Current:	71.2 A

Notes:

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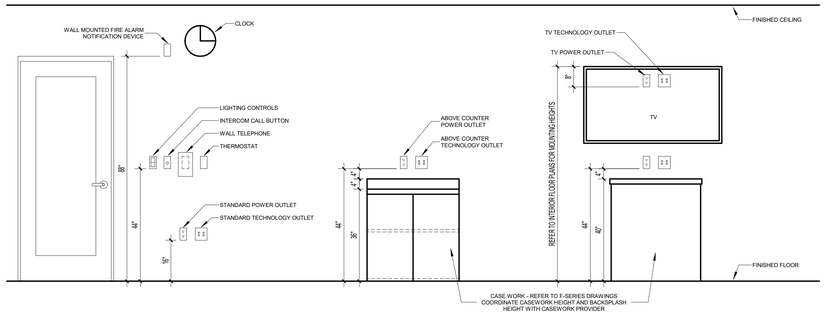
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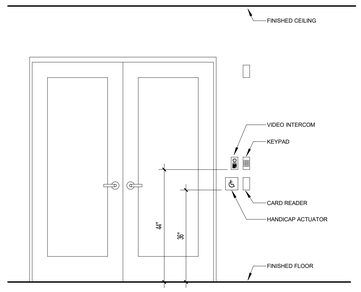
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1 E500 TYPICAL DEVICE MOUNTING LOCATION

1/2" = 1'-0"



2 E500 TYPICAL ACCESS CONTROL MOUNTING LOCATIONS

1/2" = 1'-0"

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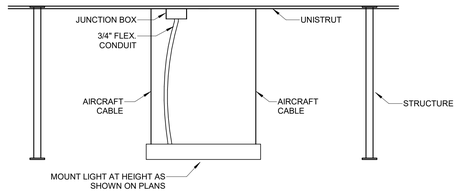
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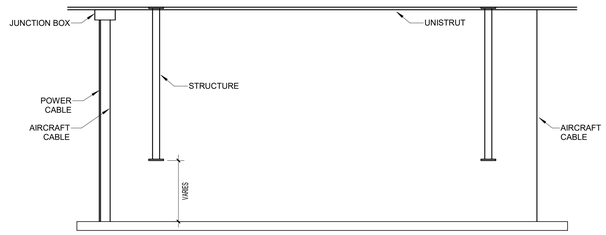
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0'-1" REFERENCE LINE

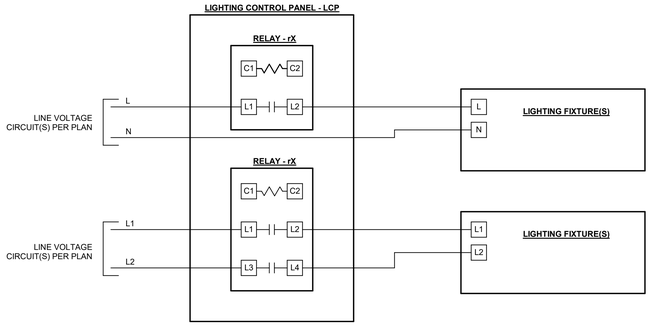
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1 E501 MOUNTING DETAIL - LED HIGH BAY



2 E501 MOUNTING DETAIL - LINEAR PENDANTS



LIGHTING CONTROL PANEL - LCP1

RELAY	*POLE*	*LOAD*	*SEQUENCE OF OPERATION*
r1.1	1	INT. CORRIDOR	S.1
r1.2	1	EXT. EXIT DISCHARGE LIGHTING	S.2
r1.3	1	EXT. BUILDING LIGHTS	S.3
r1.4	1	SPARE	-
r1.5	1	SPARE	-
r1.6	1	SPARE	-
r1.7	1	SPARE	-
NL	1	EMERGENCY LIGHTING	NL

3 E501 LIGHTING CONTROL PANEL - RELAY SCHEDULE

SEQUENCES OF OPERATION:

LIGHTING CONTROL PANEL SHALL ALLOW SEPARATE PROGRAMMING OF INDIVIDUAL RELAYS. OCCUPIED HOURS FOR THE BUILDING SHALL BE COORDINATED WITH OWNER AND PROGRAMMED UPON SYSTEM INSTALLATION.

S.1 INTERIOR CORRIDORS
LIGHTS SHALL BE ON DURING PRESET OCCUPIED HOURS. OUTSIDE OF OCCUPIED HOURS, LIGHTS MAY TURN ON AND OFF VIA LOCAL OCCUPANCY SENSORS.

S.2 EXIT DISCHARGE LIGHTING
LIGHTS SHALL BE ON DURING PRESET OCCUPIED HOURS IF THE TIME IS ALSO OUTSIDE OF DAYLIGHT HOURS, AS DETERMINED BY ASTROLOGICAL TIME CLOCK. LIGHTS SHALL TURN ON UPON LOSS OF NORMAL POWER.

S.3 EXTERIOR BUILDING UTILITY LIGHTING
LIGHTS SHALL BE ON DURING PRESET OCCUPIED HOURS IF THE TIME IS ALSO OUTSIDE OF DAYLIGHT HOURS, AS DETERMINED BY TIME CLOCK.

NL EMERGENCY LIGHTING
LIGHTS SHALL BE ON AT 100% DURING PRESET OCCUPIED HOURS. OUTSIDE OF OCCUPIED HOURS, LIGHTS MAY DIM TO 15%. LIGHTS MUST TURN TO 100% IF LOCAL OCCUPANCY SENSOR(S) DETECT OCCUPANCY WITHIN SPACE. LIGHTS SHALL TURN ON UPON LOSS OF NORMAL POWER.

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Cincinnati, OH 45202 | Columbus, OH 43201 | Bellevue, KY 41073
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LIGHTING CONTROL DETAILS

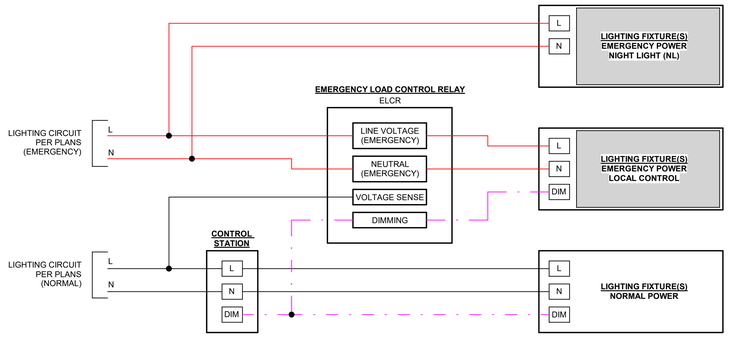
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EMERGENCY LOAD CONTROL RELAY OPERATION - EMERGENCY POWER WITH LOCAL CONTROL

DURING NORMAL OPERATION, THE FIXTURE(S) CAN BE CONTROLLED VIA LOCAL LIGHTING CONTROLS, INCLUDING ON/OFF/DIMMING.

UPON LOSS OF NORMAL POWER AS DETECTED BY THE VOLTAGE SENSE CIRCUIT, THE ELCR WILL OVERRIDE THE CONTROL SIGNAL FROM THE LOCAL LIGHTING CONTROLS AND SET EMERGENCY FIXTURES TO 100% OUTPUT.

WHEN NORMAL POWER IS RESTORED, THE ELCR WILL ALLOW THE CONTROL SIGNAL FROM THE LOCAL CONTROLS TO BE ACTIVE AGAIN.

THE EMERGENCY CONTROL RELAY SHALL FAIL TO 100% OUTPUT.

1 / E502 LIGHTING CONTROL DETAIL - EMERGENCY LOAD CONTROL RELAY

LIGHTING CONTROL MATRIX SCHEDULE

ROOM NAME	CONTROLS		AUTOMATIC CONTROL		FULL OFF	TIME-CLOCK	NOTES
	SWITCH TYPE	SWITCH CONTROLS	TYPE	SENSOR	TIME	SCHEDULE	
CLASSROOM/LAB WITH EMERGENCY LIGHTING	LOW VOLTAGE	ON - OFF - DIM	OCCUPANCY SENSOR	MANUAL ON	30 MIN	×	
CLASSROOM/LAB WITH NO EMERGENCY LIGHTING	LOW VOLTAGE	ON - OFF - DIM	OCCUPANCY SENSOR	MANUAL ON	30 MIN	×	
STAIR	LOW VOLTAGE	ON - OFF	TIMECLOCK & OCCUPANCY SENSOR	AUTO ON	20 MIN	✓	20 MIN TIMEOUT SHALL ONLY APPLY TO AFTERHOURS. REFER TO RELAY SCHEDULE FOR ADDITIONAL TIMECLOCK INFORMATION
CORRIDOR/COMMONS/VESTIBULE	LINE VOLTAGE	ON - OFF	TIMECLOCK & OCCUPANCY SENSOR	AUTO ON	20 MIN	✓	20 MIN TIMEOUT SHALL ONLY APPLY TO AFTERHOURS. REFER TO RELAY SCHEDULE FOR ADDITIONAL TIMECLOCK INFORMATION
GYMNASIUMS	LOW VOLTAGE	ON - OFF - DIM	OCCUPANCY SENSOR	MANUAL ON	30 MIN	×	
RESTROOM MULTI-STALL	LOW VOLTAGE	ON - OFF - DIM	OCCUPANCY SENSOR	AUTO ON	30 MIN	×	
RESTROOM SINGLE-USE	LOW VOLTAGE	ON - OFF - DIM	OCCUPANCY SENSOR	MANUAL ON	30 MIN	×	
STUDENT DINING	LOW VOLTAGE	ON - OFF - DIM	OCCUPANCY SENSOR	MANUAL ON	30 MIN	×	
WORKROOM/TEACHER PREP	LOW VOLTAGE	ON - OFF - DIM	OCCUPANCY SENSOR	MANUAL ON	30 MIN	×	
RECEPTION/SECRETARIAL	LOW VOLTAGE	ON - OFF - DIM	OCCUPANCY SENSOR	MANUAL ON	30 MIN	×	
LOCKER RM, RR/SHOWERS	LOW VOLTAGE	ON - OFF - DIM	OCCUPANCY SENSOR	AUTO ON	30 MIN	×	
ELECTRICAL, MECHANICAL, IDF, LIFE SAFETY, MDF/TECH WORKROOM	LINE VOLTAGE	ON - OFF	—	MANUAL ON	—	—	
SMALL GROUP ROOM/SPPECH/ENSEM./PRACTICE RM/MATH/LITERACY RM/SENSORY/I.S.	LOW VOLTAGE	ON - OFF - DIM	OCCUPANCY SENSOR	MANUAL ON	30 MIN	×	

LIGHTING CONTROL NOTES:

1. CONTRACTOR SHALL PROVIDE MOTION SENSORS, ROOM CONTROLLERS, AND ACCESSORIES AS REQUIRED FOR A FULLY OPERATIONAL SYSTEM. SYSTEM FUNCTIONALITY SHALL COMPLY WITH THE REQUIREMENTS OF THE OHIO ENERGY CODE. IT IS THE RESPONSIBILITY OF THE EC TO REVIEW MANUFACTURER'S INSTALLATION INSTRUCTIONS PRIOR TO ROUGH-IN. PROVIDE ADDITIONAL ROOM CONTROLLERS/POWER PACKS AND ASSOCIATED WIRING FOR MULTIPLE SWITCH LEG LOCATIONS AS REQUIRED. SEE PLANS FOR EXACT SWITCH LEGS WITH-IN EACH AREA OR ROOM.
2. LOCATE AND AIM SENSORS IN THE CORRECT LOCATION REQUIRED FOR PROPER VOLUMETRIC COVERAGE WITHIN THE RANGE OF COVERAGE(S) OF CONTROLLED AREAS PER THE MANUFACTURER'S RECOMMENDATIONS. HIGH BAY SENSORS SHALL BE PROVIDED WHEN SENSORS ARE MOUNTED ABOVE 12 FT.
3. COORDINATE QUANITIES, LOCATIONS OF ALL LIGHTING CONTROLS OVERRIDES WITH OWNER PRIOR TO ROUGH-IN.
4. SPECIAL LIGHTING REQUIREMENTS:
   (NL) NIGHT LIGHTING SHALL BE SET TO NOT ALLOW PATH OF EGRESS TO DIM BELOW 1 FC.
   (EM) EMERGENCY LIGHTS SHALL BE BROUGHT TO FULL BRIGHTNESS IN THE EVENT OF POWER LOSS OR FIRE ALARM ACTUATION. PROVIDE UL 924 RELAY WITH REMOTE TEST AND EMERGENCY SPECIFIC PANELS AS REQUIRED.
5. REFER TO LIGHTING CONTROLS SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

6 / E502 LIGHTING CONTROL MATRIX

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Cincinnati, OH 45202
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1086 North 4th St., Ste 111
Columbus, OH 43201
614.223.2124
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LIGHTING CONTROL DETAILS

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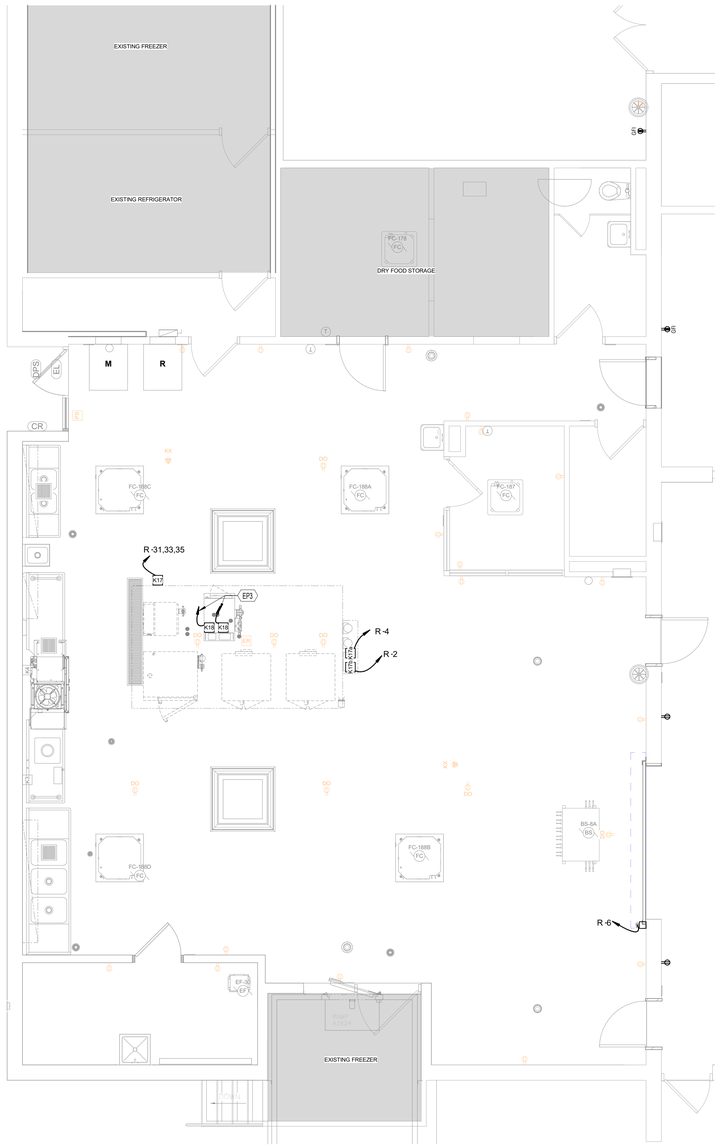
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ALL SCOPE IDENTIFIED ON THIS SHEET (E520) SHALL BE BID AS ALTERNATE #6.



1 / E520 ENLARGED KITCHEN ELECTRICAL PLAN

1/4" = 1'-0"

GENERAL NOTES - KITCHEN PLAN

A. CONDUITS RUN UNDERGROUND TO APPLIANCES SHALL BE RIGID STEEL CONDUIT OR PVC. THE LAST 90 DEG ELBOW AND THE NIPPLE THROUGH THE FLOOR SHALL BE RIGID STEEL.

B. BOXES USED IN THE KITCHEN SHALL BE HEAVY CAST "FS" STYLE WITH HEAVY CAST COVER PLATES.

C. WHERE LARGER BOXES ARE REQUIRED, A JIC STYLE BOX WITH HINGE, GASKET, AND CLAMPS SHALL BE USED.

D. WHERE CORD DROPS ARE REQUIRED, THE CORD SHALL BE STO TYPE SUSPENDED FROM A CEILING MOUNTED BOX WITH A STRAIN RELIEF CORD CONNECTOR. AN ATTACHMENT BODY AND MATCHING CAP WITH CORD SHALL BE PROVIDED TO THE APPLIANCE. CAP AND BODY SHALL BE TWIST LOCK AND SIZED BY NEMA NUMBER FOR THE CHARACTERISTICS OF THE CIRCUIT.

E. THE EC SHALL PROVIDE AND INSTALL ALL CORDS AND CAPS AT EACH APPLIANCE AS LISTED IN THE EQUIPMENT SCHEDULE OR AS INDICATED ON THE PLANS. THE EC SHALL VERIFY THE RECEPTACLE CONFIGURATION REQUIRED FOR EACH PIECE OF EQUIPMENT AND INSTALL PER THE FOOD SERVICE ROUGH-IN DRAWINGS.

F. WHERE A DIRECT DISCONNECT IS REQUIRED, THE EC SHALL INSTALL AND WIRE FROM WALL BOX OR FS BOX. WIRING IN LIQUIDTIGHT FLEXIBLE CONDUIT.

G. SEE KITCHEN FLOOR PLAN FOR HEXAGON EQUIPMENT NOTES AND FURTHER INFORMATION.

H. ALL 120 VOLT OUTLETS IN THE KITCHEN AREA SHALL BE SERVED BY A GROUND FAULT CIRCUIT BREAKER.

J. ALL FLOOR MOUNTED BOXES SHALL BE SECURED WITH (2) 3/4" RIGID STEEL NIPPLES THROUGH THE FLOOR. THE TOP OF THE BOX SHALL BE LESS THAN 5" FROM FINISHED FLOOR

KEYNOTES

EP3 WIRE TO EXISTING CIRCUIT MADE AVAILABLE BY DEMOLITION.

26-KITCHEN EQUIPMENT SCHEDULE

EQUIPMENT TYPE	RECEPTACLE TYPE	DEVICE TYPE	Load Description	AMPS	VOLTS	POLES	WATTS	Panel	Circuit Number	BRANCH CIRCUIT TYPE	DISCONNECT TYPE	WIRING NOTES
KITCHEN	K18	RECEPTACLE	CONVECTION STEAMER	9.8 A	120 V	1	1176 W	M	3	3W	RECEPTACLE	MOUNT AT 5" AFF
KITCHEN	K18	RECEPTACLE	CONVECTION STEAMER	9.8 A	120 V	1	1176 W	M	5	3W	RECEPTACLE	MOUNT AT 5" AFF
KITCHEN	K17	JUNCTION BOX	HOOD SYSTEM - MAKE UP AIR FAN & HEATER	23.8 A	208 V	3	8574 W	R	31,33,35	4W	DISCONNECT SWITCH	LOCATED ON ROOF. VERIFY EXACT LOCATION WITH KITCHEN EQUIPMENT PROVIDER.
KITCHEN	K17a	JUNCTION BOX	HOOD SYSTEM - LIGHTS	2.0 A	120 V	1	238 W	R	4	3W	MRTS	MOUNT J-BOX ON TOP OF HOOD CANOPY
KITCHEN	K17b	JUNCTION BOX	HOOD SYSTEM - FIRE SUPPRESSION SYSTEM	5.0 A	120 V	1	600 W	R	2	3W	MRTS	MOUNT ON HOOD CANOPY

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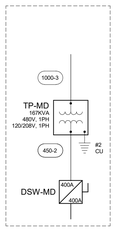
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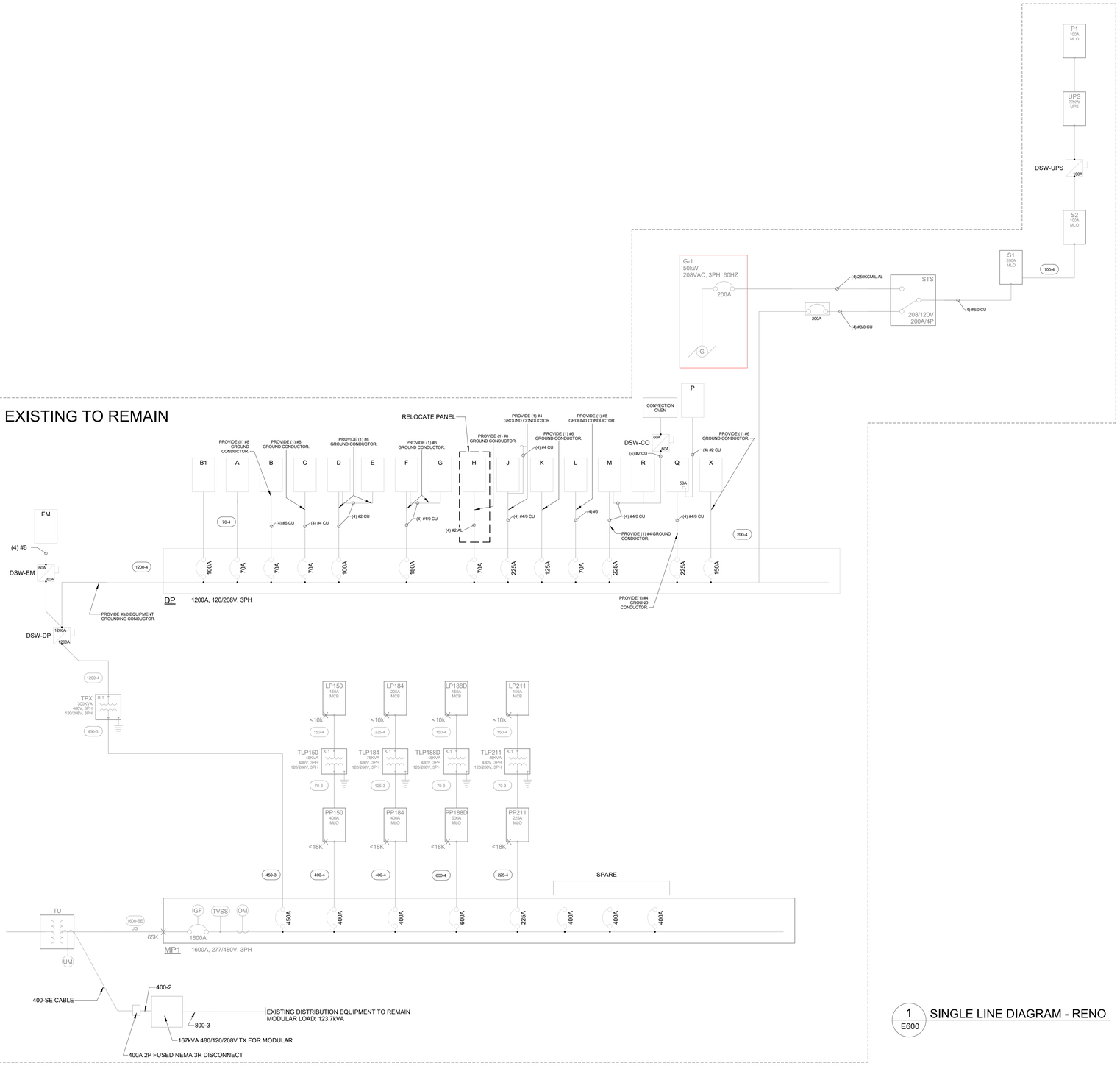
EXISTING DEMAND	144.0 kW
+25%	36.0 kW
ESSR RENOVATION LOAD	734.1 kW
RENOVATION	226.2 kW
TOTAL LOAD	1,140.3 kW

1,373.2 AMPS @ 480V, 3PH
EXISTING 1600A SERVICE TO REMAIN

FEEDER SCHEDULE

70-3	(3) #4, #8G IN 1-1/4"C	CU
70-4	(4) #4, #8G IN 1-1/4"C	CU
100-4	(4) #2, #8G IN 1-1/2"C	CU
125-3	(3) #2/0, #4G IN 2"C	AL
150-4	(4) #3/0, #4G IN 2"C	AL
200-4	(4) #250, #4G IN 2-1/2"C	AL
225-4	(4) #300, #2G IN 3"C	AL
400-4	(2) SETS OF (4) #250, #1G IN 2-1/2"C	AL
450-3	(2)SETS OF (3) #300, 1/0G IN 3-1/2"C	AL
600-4	(2) SETS OF (4) 600, 2/0G IN 4"C	AL
1200-4	(4) SETS OF (4) #500 IN 4"C	AL
1600-SE	(5) SETS OF (4) #600 IN 4"C	AL





1 E600 SINGLE LINE DIAGRAM - RENO

ELECTRICAL SINGLE LINE DIAGRAM

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