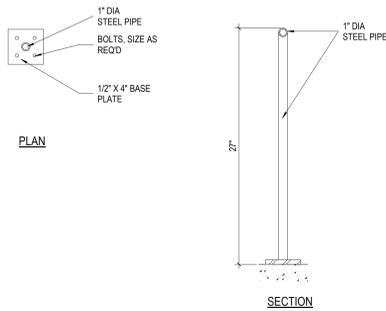
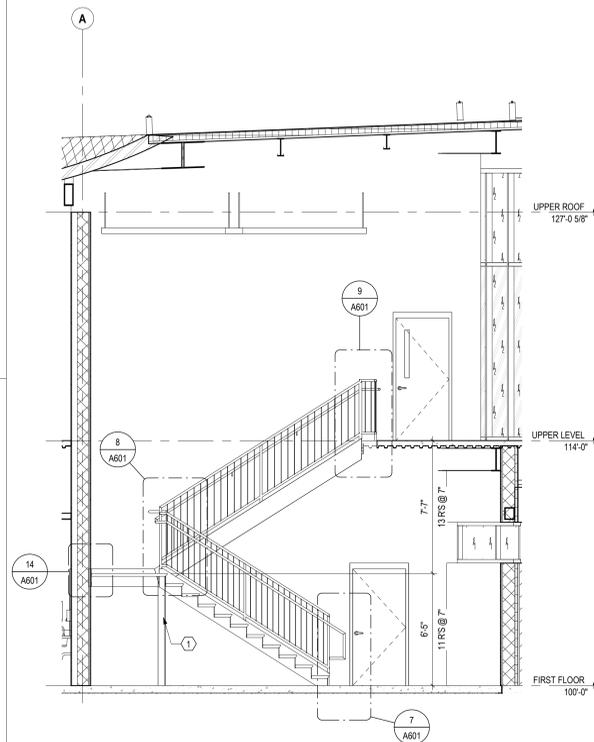


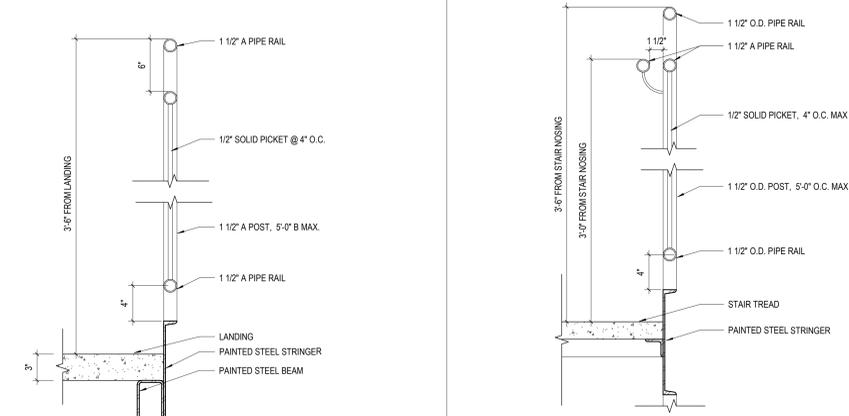
14 DETAIL LANDING @ CMU SHAFT
1 1/2" = 1'-0" REF: 6 / A601



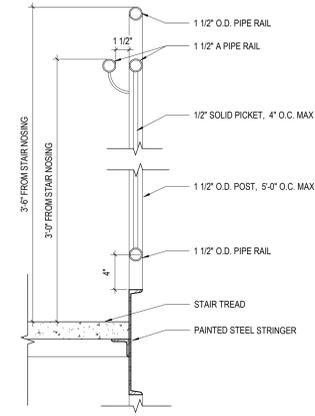
10 DETAIL R4 - CANE DETECTION
1 1/2" = 1'-0"



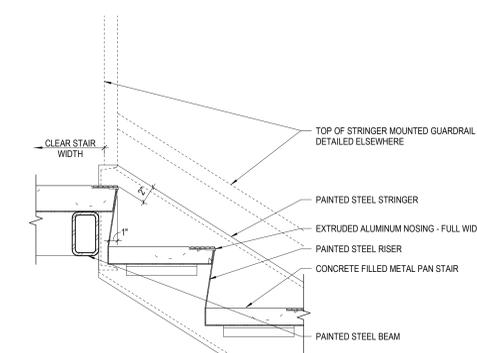
6 SECTION STAIR SHAFT-LONGITUDE
1/4" = 1'-0" REF: 5 / A501



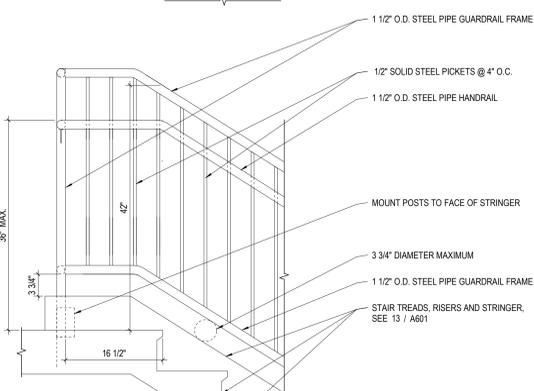
4 DETAIL STAIR SHAFT - GUARDRAIL @ TOP LANDING
1 1/2" = 1'-0"



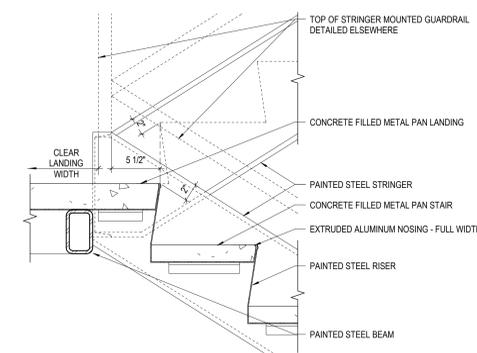
3 DETAIL STAIR SHAFT - GUARDRAIL & HANDRAIL @ STAIR
1 1/2" = 1'-0"



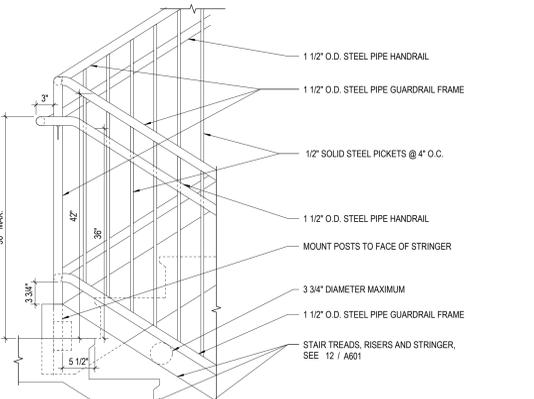
13 DETAIL TOP STAIRS - SHAFT
1 1/2" = 1'-0"



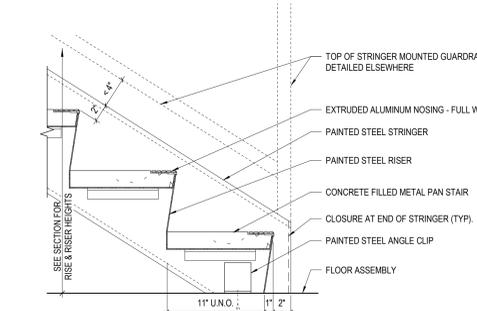
9 DETAIL R1 - RAILING AT TOP LANDING
1" = 1'-0" REF: 6 / A601



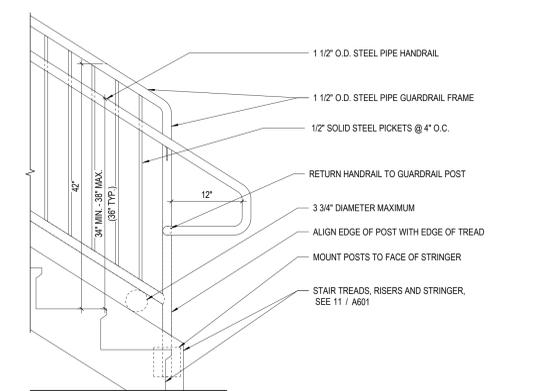
12 DETAIL INTERMEDIATE STAIRS - SHAFT
1 1/2" = 1'-0"



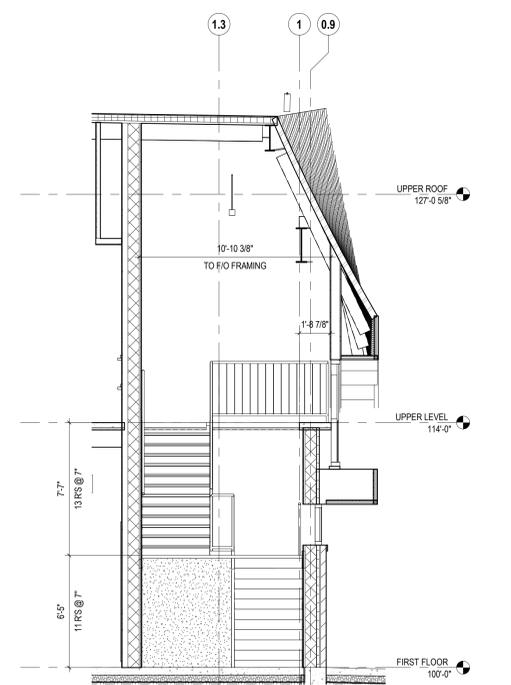
8 DETAIL R1 - RAILING AT MIDDLE LANDING - SYMMETRICAL
1" = 1'-0" REF: 6 / A601



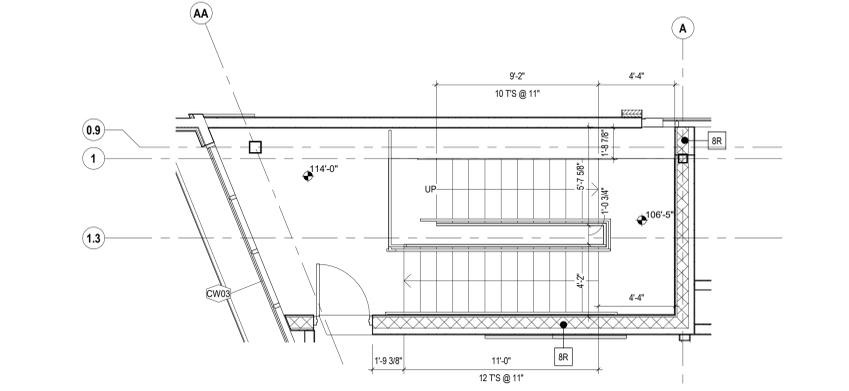
11 DETAIL BOTTOM STAIRS - SHAFT
1 1/2" = 1'-0"



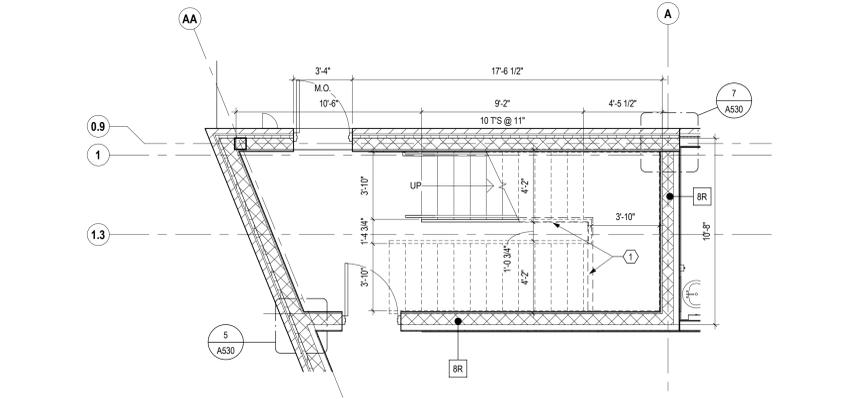
7 DETAIL R1 - RAILING AT BOTTOM LANDING
1" = 1'-0" REF: 6 / A601



5 SECTION STAIR SHAFT-LATITUDE
1/4" = 1'-0"



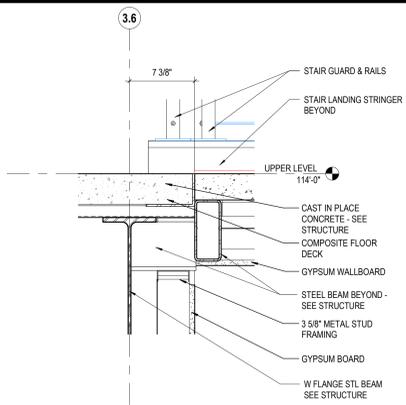
2 ENLARGED PLAN STAIR SHAFT - LEVEL 02
1/4" = 1'-0" REF: 1 / A102



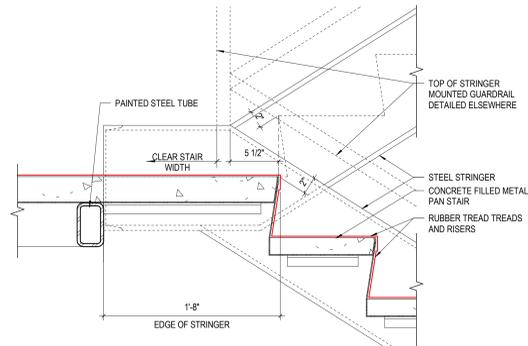
1 ENLARGED PLAN STAIR SHAFT - LEVEL 01
1/4" = 1'-0" REF: 1 / A101

VERTICAL CIRCULATION GENERAL NOTES		KEYNOTE LEGEND		#	DATE	CHANGE DESCRIPTION
KEY VALUE	KEYNOTE TEXT					
1. TBD						
VERTICAL CIRCULATION CODED NOTES						
1. WALL TYPE 3H TIGHT TO UNDERSIDE OF STRINGER AND LANDING BEAM.						

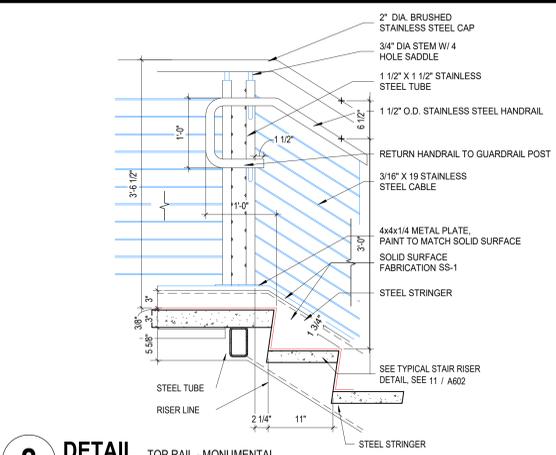
CML LINDEN BRANCH 2223 CLEVELAND AVE COLUMBUS, OH 43211 FOR COLUMBUS METROPOLITAN LIBRARY	
300 SPRUCE STREET SUITE 300 COLUMBUS, OHIO 43215 PHONE: (614) 461-4664 FAX: (614) 280-8881	
DRAWING TITLE: VERTICAL CIRCULATION - STAIR SHAFT	
NOVEMBER 21, 2023 DRAWN BY: KG CHECKED BY: BL Proj. # 21507.02 A601 PERMIT SET	



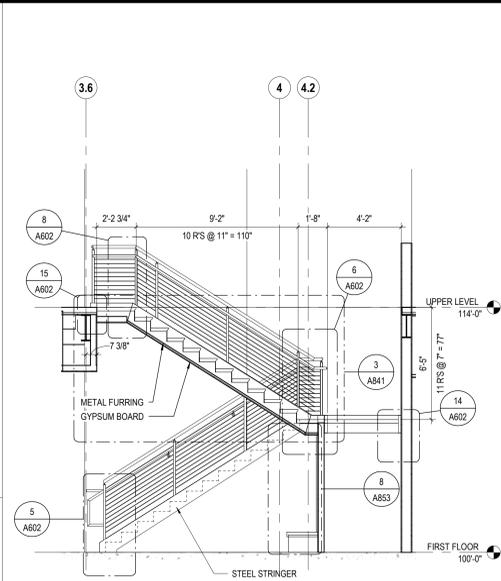
15 DETAIL STAIR LANDING @ UPPER FLOOR
1 1/2" = 1'-0" REF: 4 / A602



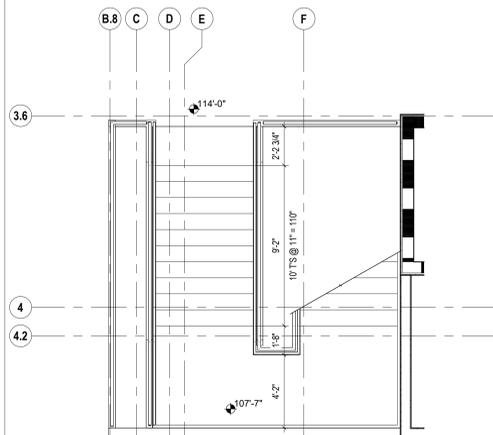
11 DETAIL MIDDLE LANDING - SYMETRICAL
1 1/2" = 1'-0"



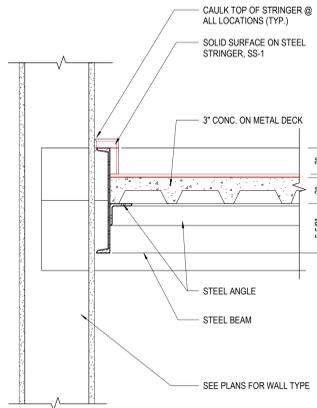
8 DETAIL TOP RAIL - MONUMENTAL
1" = 1'-0" REF: 4 / A602



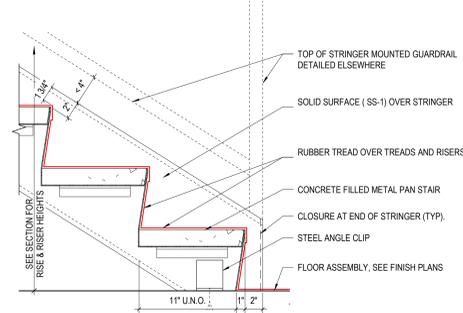
4 SECTION MONUMENTAL STAIRS - LONGITUDE
1/4" = 1'-0"



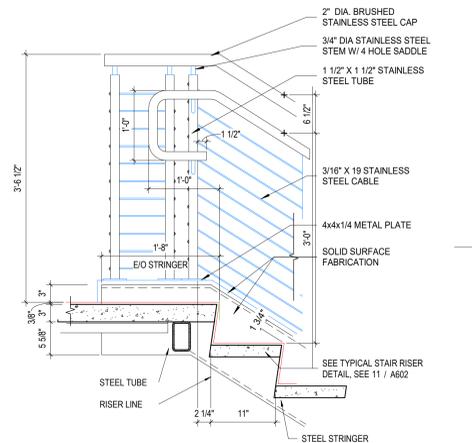
2 PLAN MONUMENTAL STAIRS - LEVEL 02
1/4" = 1'-0"



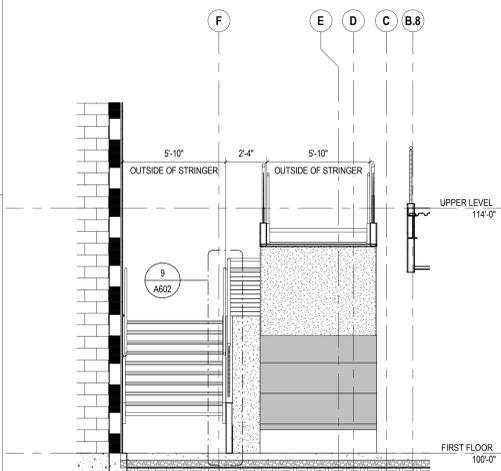
14 DETAIL LANDING @ MONUMENTAL STAIRS
1 1/2" = 1'-0" REF: 4 / A602



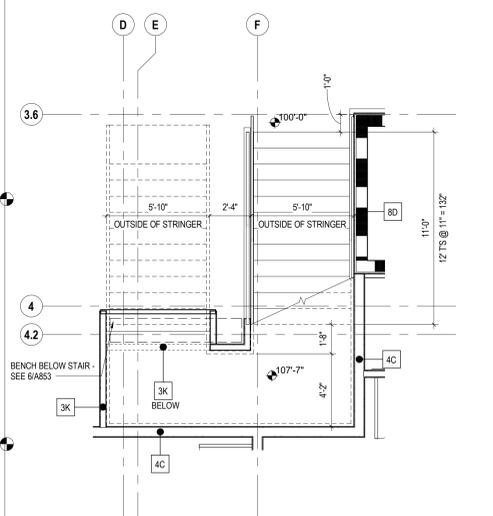
10 DETAIL BOTTOM LANDING
1 1/2" = 1'-0"



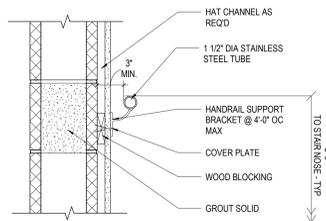
7 DETAIL INTERMEDIATE RAIL - MONUMENTAL
1" = 1'-0"



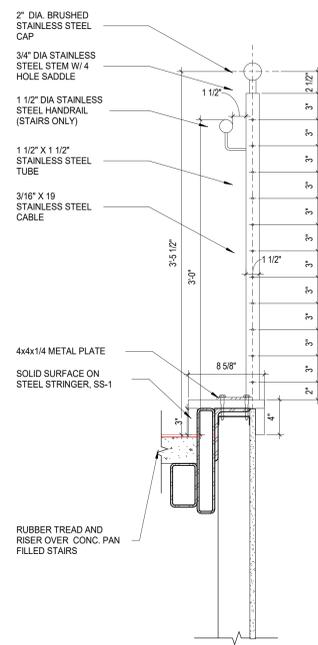
3 SECTION MONUMENTAL STAIRS - LATITUDE
1/4" = 1'-0"



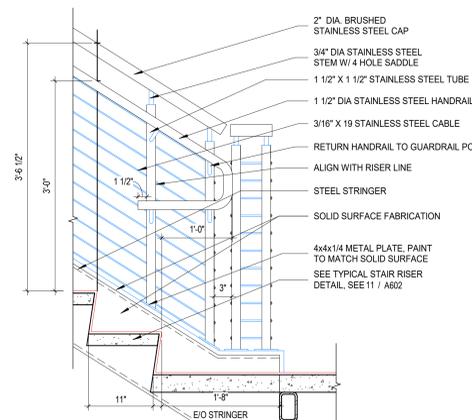
1 PLAN MONUMENTAL STAIRS - LEVEL 01
1/4" = 1'-0"



13 DETAIL HANDRAIL MOUNTING
1 1/2" = 1'-0"

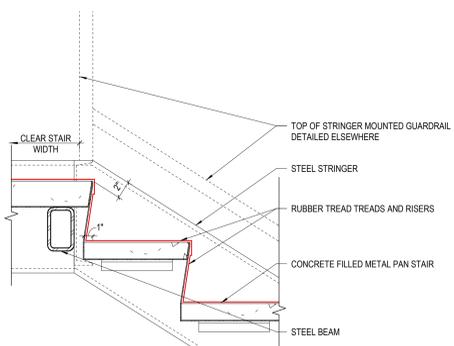


9 DETAIL GUARDRAIL - OPEN SIDE
1 1/2" = 1'-0" REF: 3 / A602

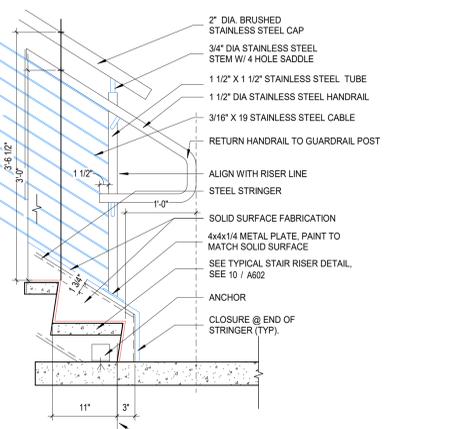


6 DETAIL INTERMEDIATE RAIL 2 - MONUMENTAL
1" = 1'-0" REF: 4 / A602

VERT. CIRC GENERAL NOTES		KEYNOTE LEGEND		#	DATE	CHANGE DESCRIPTION
1.	TBD	03 30.00.A1	CAST IN PLACE CONCRETE - SEE STRUCTURE			
		05 31.00.B2	COMPOSITE FLOOR DECK			
		09 21.13.A1	METAL FURRING			
		09 21.16.A4	3/8" METAL STUD FRAMING			
		09 21.16.M1	GYPSUM BOARD			
		09 29.00.	GYPSUM WALLBOARD			
VERT. CIRC CODED NOTES						
1.	CLOSE OFF BENEATH STAIR AND LANDING WITH WALL TYPE 3H					



12 DETAIL TOP LANDING
1 1/2" = 1'-0"



5 DETAIL BOTTOM RAIL - MONUMENTAL
1" = 1'-0" REF: 4 / A602

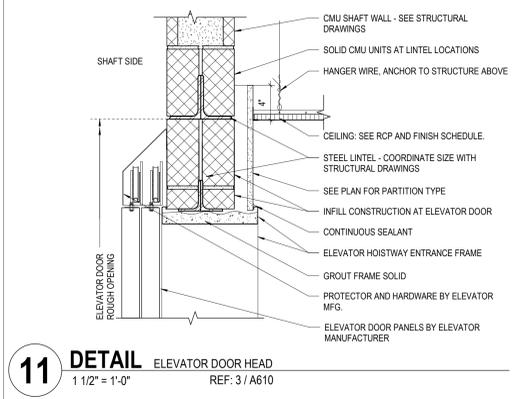
CML LINDEN BRANCH
2223 CLEVELAND AVE
COLUMBUS, OH 43211
FOR
COLUMBUS METROPOLITAN LIBRARY

300 SPRUCE STREET
SUITE 300
COLUMBUS, OHIO 43215
PHONE: (614) 461-4664
FAX: (614) 280-8881

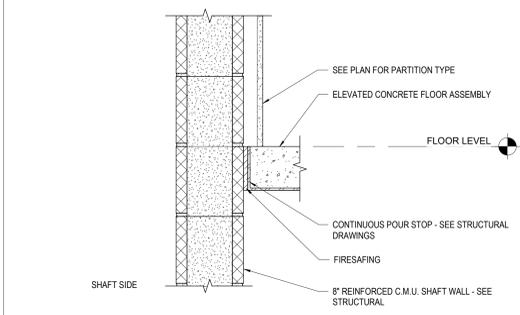
MOODY-NOLAN
VERTICAL CIRCULATION - OPEN STAIR

NOVEMBER 21, 2023
DRAWN BY: KG CHECKED BY: BL
Proj. # 21507.02
A602
PERMIT SET

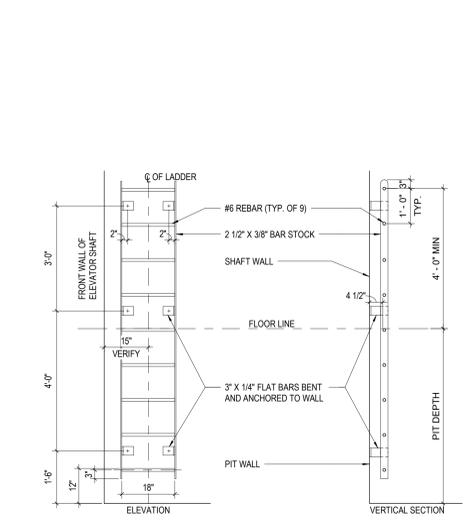
JONATHAN D. MOODY
REGISTERED ARCHITECT
1215709
JONATHAN D. MOODY, LIC. #1215709
EXP. DATE: 12/31/2023



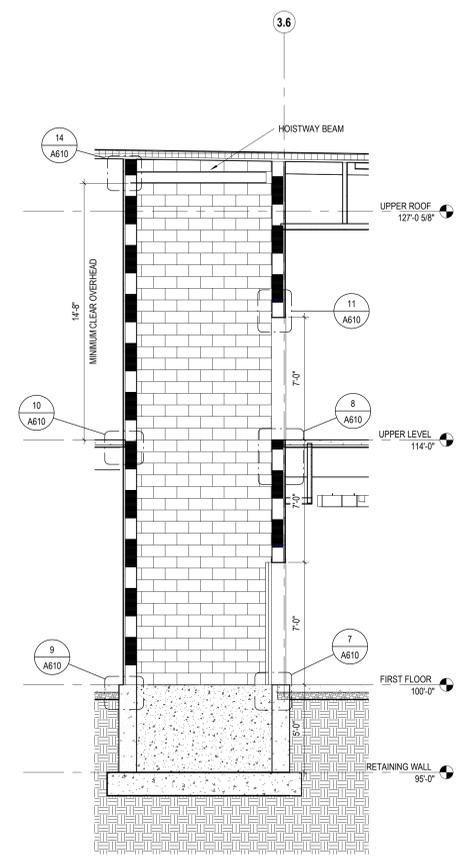
11 DETAIL ELEVATOR DOOR HEAD
1 1/2" = 1'-0"
REF: 3 / A610



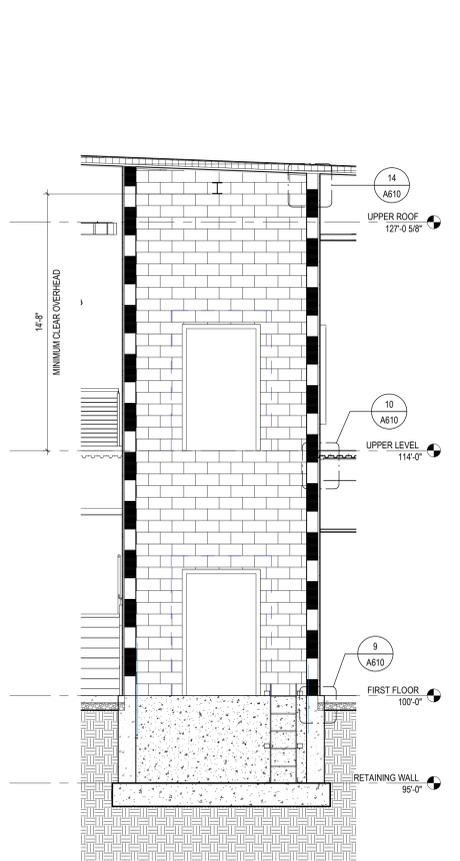
10 DETAIL ELEVATOR SHAFT DETAIL AT FLOOR
1 1/2" = 1'-0"
REF: 2 / A610



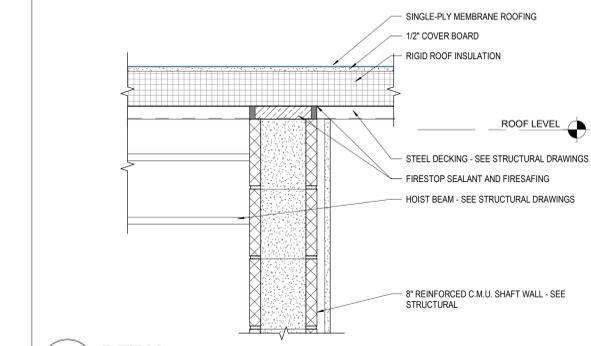
6 DETAIL PIT LADDER DETAIL
1/2" = 1'-0"



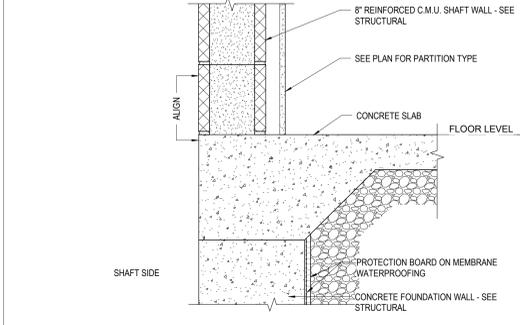
3 SECTION ELEVATOR-LONGITUDE
1/4" = 1'-0"



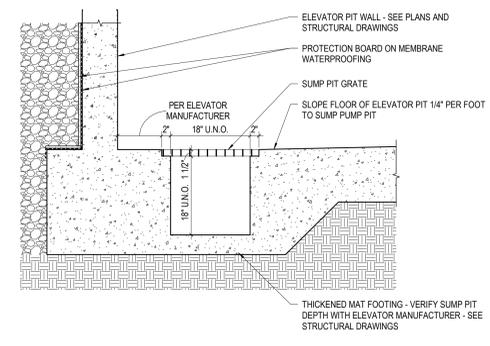
2 SECTION ELEVATOR-LATITUDE
1/4" = 1'-0"



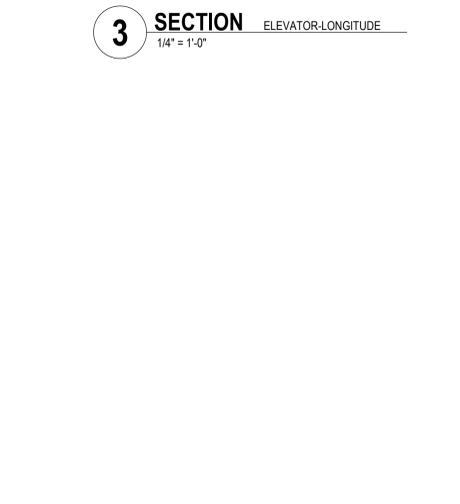
14 DETAIL ELEVATOR SHAFT AT ROOF
1 1/2" = 1'-0"
REF: 2 / A610



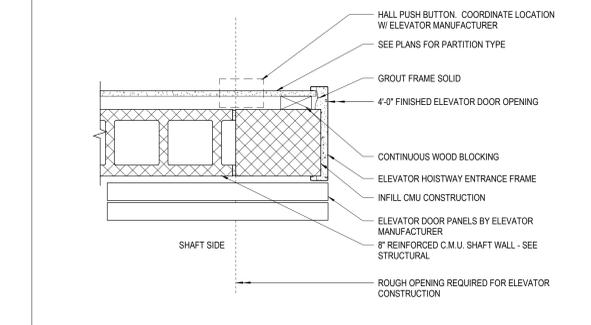
9 DETAIL ELEVATOR SHAFT AT GRADE
1 1/2" = 1'-0"
REF: 2 / A610



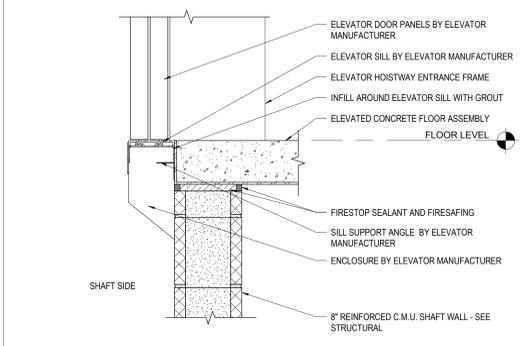
5 DETAIL ELEVATOR SUMP PUMP PIT - SECTION
3/4" = 1'-0"
REF: 4 / A610



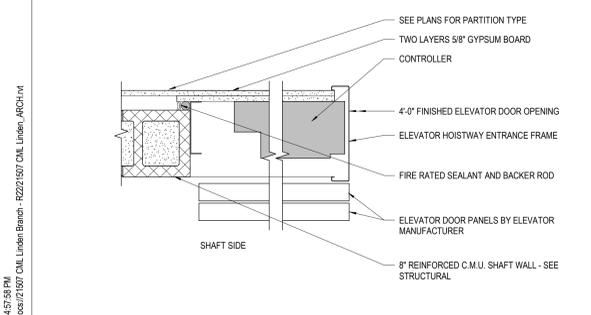
1 PLAN ELEVATOR-LEVEL 01
1/4" = 1'-0"



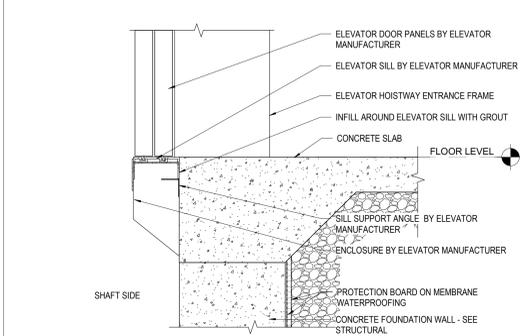
13 DETAIL ELEVATOR DOOR JAMB, MASONRY
1 1/2" = 1'-0"



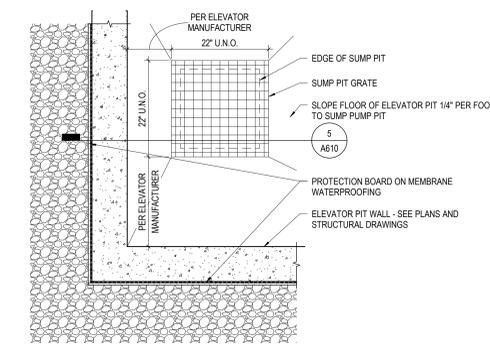
8 DETAIL ELEVATOR DOOR SILL
1 1/2" = 1'-0"
REF: 3 / A610



12 DETAIL ELEVATOR DOOR JAMB, MASONRY
1 1/2" = 1'-0"

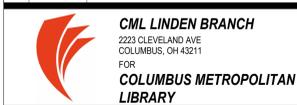


7 DETAIL ELEVATOR SHAFT AT GRADE
1 1/2" = 1'-0"
REF: 3 / A610

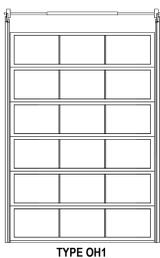
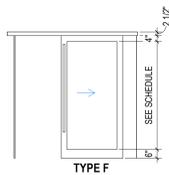
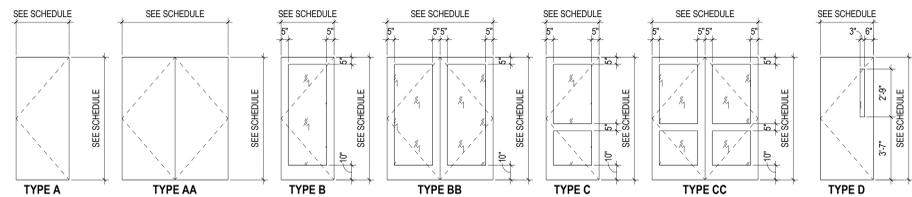


4 DETAIL ELEVATOR SUMP PUMP PIT - PLAN
3/4" = 1'-0"
REF: 1 / A610

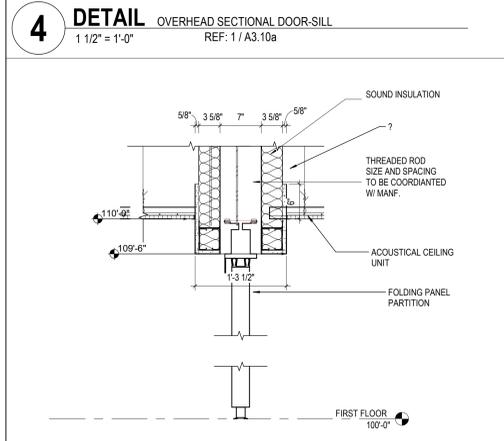
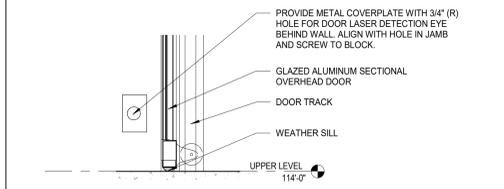
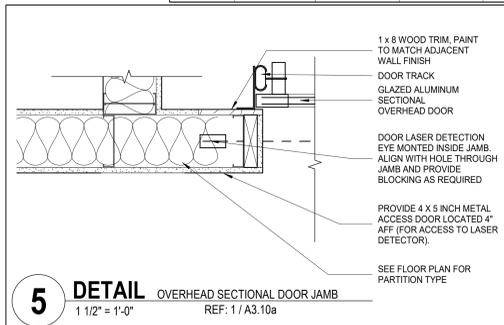
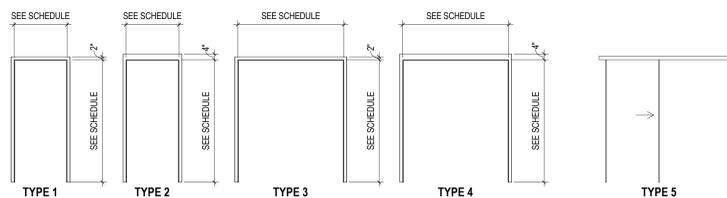
VERTICAL CIRCULATION GENERAL NOTES		KEYNOTE LEGEND		#	DATE	CHANGE DESCRIPTION
1.	TBD	KEY VALUE	KEYNOTE TEXT			
VERTICAL CIRCULATION CODED NOTES						
1.	WALL TYPE 3H TIGHT TO UNDERSIDE OF STRINGER AND LANDING BEAM.					

 CML LINDEN BRANCH 2223 CLEVELAND AVE COLUMBUS, OH 43211 FOR COLUMBUS METROPOLITAN LIBRARY	
 300 SPRUCE STREET SUITE 300 COLUMBUS, OHIO 43215 PHONE: (614) 461-4664 FAX: (614) 280-8881	
DRAWING TITLE VERTICAL CIRCULATION - ELEVATOR	NOVEMBER 21, 2023 DRAWN BY: KG CHECKED BY: BL Proj. # 21507.02 A610 PERMIT SET
STATE OF OHIO REGISTERED ARCHITECT JONATHAN D. MOODY 1215709 JONATHAN D. MOODY, LIC. #1215709 EXP. DATE: 12/31/2023	

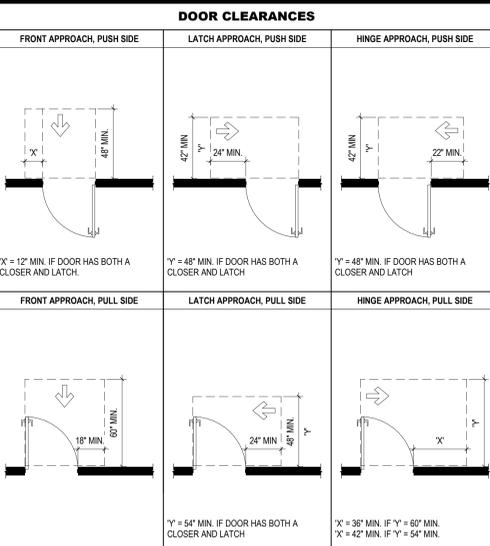
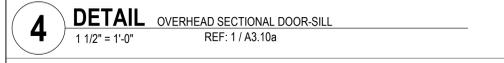
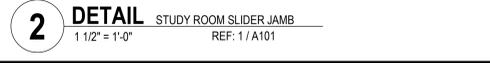
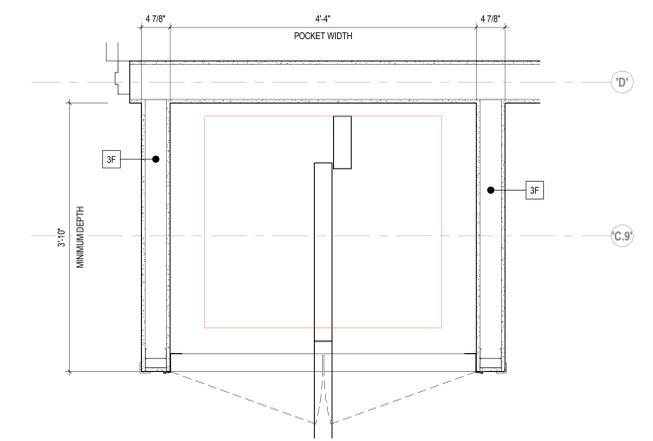
DOOR PANEL TYPE LEGEND



DOOR FRAME TYPE LEGEND



NUMBER	ROOM NAME	DOOR				FRAME				DETAILS - SHEET A700-702			REMARKS	
		WIDTH	HEIGHT	MATERIAL	ELEV	GLAZING	MATERIAL	ELEV	FIRE RATING	HDW SET	HEAD	JAMB		SILL
101	CHILDRENS D-6	3'-0"	7'-0"	WD	A	--	HM	1	--	05	9	8	7	
102	WATER	3'-0"	6'-8"	HM	A	--	HM	2	--	11	18	16	17	
103	FAMILY RESTROOM	3'-0"	7'-0"	WD	A	--	HM	1	--	05	9	8	7	
104	STORAGE	3'-0"	7'-0"	WD	A	--	HM	1	--	17	9	8	7	
110	QUIET ROOM	3'-0"	7'-0"	WD/GL	B	GL-1	HM	1	--	02	9	8	7	
111	COMPUTERS	3'-0"	7'-0"	WD	A	--	HM	1	--	18	9	8	7	
113	STUDY RM	3'-0"	8'-0"	AL/GL	F	GL-1	AL	5	--	33	REFER TO MANF	REFER TO MANF	--	DEMOUNTABLE SLIDING DOOR
114	STUDY RM	3'-0"	8'-0"	AL/GL	F	GL-1	AL	5	--	33	REFER TO MANF	REFER TO MANF	--	DEMOUNTABLE SLIDING DOOR
115	STUDY RM	3'-0"	8'-0"	AL/GL	F	GL-1	AL	5	--	33	REFER TO MANF	REFER TO MANF	--	DEMOUNTABLE SLIDING DOOR
121	WELCOME	2'-0"	7'-0"	WD	A	--	METAL	1	--	07	28	27	--	
122	JAN.	3'-0"	7'-0"	WD	A	--	HM	1	--	17	9	8	7	
123	STORAGE	3'-0"	7'-0"	WD	A	--	HM	1	--	05	9	8	7	
130	RECEIVING	4'-0"	7'-0"	HM	A	--	HM	2	--	29	29	16	17	
131	BOOK DROP	3'-0"	7'-0"	WD	A	--	HM	1	103HR	03	9	8	7	
132	IT	3'-0"	7'-0"	WD	A	--	HM	1	--	17	9	8	7	
133	CONF	3'-0"	7'-0"	WD/GL	B	GL-1	HM	1	--	01	9	8	7	
134	ELEC.	3'-0"	7'-0"	WD	A	--	HM	1	--	08	9	8	7	
135	OFFICE	3'-0"	7'-0"	AL/GL	C	GL-1	AL	--	--	06	24/25	22/23	26	
136	JAN.	3'-0"	7'-0"	WD	A	--	HM	1	--	09	9	8	7	
137A	STAFF WORKSPACE	3'-0"	7'-0"	WD	A	--	HM	1	--	19	9	8	7	
137B	STAFF WORKSPACE	3'-0"	7'-0"	WD	A	--	HM	1	--	19	9	8	7	
138	PRIVACY ROOM	3'-0"	7'-0"	WD	A	--	HM	1	--	04	9	8	7	
140	STAFF TLT.	3'-0"	7'-0"	WD	A	--	HM	1	--	04	9	8	7	
141A	EXT. STAIRS	3'-0"	7'-0"	WD	D	--	HM	1	--	10	--	--	--	EXISTING DOOR TO REMAIN, REPLACE HARDWARE, PAINT TO MATCH EXTERIOR
141B	EXT. STAIRS	3'-0"	7'-0"	HM	A	--	HM	2	--	24	--	--	--	EXISTING DOOR TO REMAIN, REPLACE HARDWARE, PAINT TO MATCH EXTERIOR
142	STAFF TLT.	3'-0"	7'-0"	WD	A	--	HM	1	--	04	9	8	7	
143	EXT. STORAGE	3'-0"	7'-0"	HM	A	--	HM	2	--	13	--	--	--	EXISTING DOOR TO REMAIN, REPLACE HARDWARE, PAINT TO MATCH EXTERIOR
150	COLLECTIONS	3'-0"	6'-10"	HM	A	--	HM	2	--	28	--	--	--	EXISTING DOOR TO REMAIN, REPLACE HARDWARE, PAINT TO MATCH EXTERIOR
160A	MULTI-PURPOSE	3'-0"	7'-10"	WD/GL	B	GL-1	HM	1	--	21	9	8	7	
160B	MULTI-PURPOSE	8'-0"	10'-0"	AL/GL	OH4	GL-1	AL	--	--	32	6	5	4	
161A	MEETING RM	3'-0"	7'-10"	WD/GL	B	GL-1	HM	1	--	21	9	8	7	
161B	MEETING RM	3'-0"	7'-10"	AL/GL	OH4	GL-1	AL	--	--	32	6	5	4	
162A	MEETING RM	3'-0"	7'-10"	WD/GL	B	GL-1	HM	1	--	21	9	8	7	
162B	MEETING RM	8'-0"	10'-0"	AL/GL	OH4	GL-1	AL	--	--	32	6	5	4	
163A	KITCHENETTE	3'-0"	7'-0"	WD	A	--	HM	1	--	17	9	8	7	
163B	KITCHENETTE	3'-0"	7'-0"	WD	A	--	HM	1	--	17	9	8	7	
164	MTG STOR.	4'-0"	7'-0"	WD	A	--	ST	5	--	30	20	19	--	
180	STORAGE	3'-0"	7'-0"	WD	A	--	HM	1	--	17	9	8	7	
181	STUDY RM	3'-0"	8'-0"	AL/GL	F	GL-1	AL	5	--	33	REFER TO MANF	REFER TO MANF	--	DEMOUNTABLE SLIDING DOOR
182	STUDY RM	3'-0"	8'-0"	AL/GL	F	GL-1	AL	5	--	33	REFER TO MANF	REFER TO MANF	--	DEMOUNTABLE SLIDING DOOR
183	STUDY RM	3'-0"	8'-0"	AL/GL	F	GL-1	AL	5	--	33	REFER TO MANF	REFER TO MANF	--	DEMOUNTABLE SLIDING DOOR
184	STUDY RM	3'-0"	8'-0"	AL/GL	F	GL-1	AL	5	--	33	REFER TO MANF	REFER TO MANF	--	DEMOUNTABLE SLIDING DOOR
185	STUDY RM	3'-0"	8'-0"	AL/GL	F	GL-1	AL	5	--	33	REFER TO MANF	REFER TO MANF	--	DEMOUNTABLE SLIDING DOOR
186	STUDY RM	3'-0"	8'-0"	AL/GL	F	GL-1	AL	5	--	33	REFER TO MANF	REFER TO MANF	--	DEMOUNTABLE SLIDING DOOR
187	STUDY RM	3'-0"	8'-0"	AL/GL	F	GL-1	AL	5	--	33	REFER TO MANF	REFER TO MANF	--	DEMOUNTABLE SLIDING DOOR
188	TEENS	3'-0"	7'-0"	AL/GL	B	IG-1A	AL	--	--	25	--	--	--	EMERGENCY EXIT ONLY
S101A	STAIRS	3'-0"	6'-8"	WD	A	--	HM	2	60 MN	28	11	12	7	
S101B	STAIRS	3'-0"	6'-8"	HM	A	--	HM	2	--	23	18	16	17	
V120A	ENTRY VESTIBULE	12'-0"	7'-8"	AL/GL	SLIDING AUTOMATIC	IG-1A	AL	--	--	31	31	30	29	AUTOMATIC SLIDING DOOR
V120B	ENTRY VESTIBULE	12'-0"	7'-8"	AL/GL	SLIDING AUTOMATIC	IG-1A	AL	--	--	31	31	30	29	AUTOMATIC SLIDING DOOR
MEZZANINE														
240	EXISTING STAIRS	3'-0"	7'-0"	HM	A	--	HM	1	--	14	--	--	--	EXISTING DOOR, REPLACE HARDWARE
242	EXISTING MECHANICAL	6'-0"	7'-0"	HM	AA	--	HM	4	--	15	--	--	--	EXISTING DOOR, REPLACE HARDWARE
UPPER LEVEL														
201	SCHOOL HELP CENTER	3'-0"	7'-0"	WD	A	--	HM	1	--	20	9	8	7	
202	RESTROOM	3'-0"	7'-0"	WD	A	--	HM	1	--	05	9	8	7	
203	RESTROOM	3'-0"	7'-0"	WD	A	--	HM	1	--	05	9	8	7	
204	CHILDRENS	3'-0"	7'-0"	HM	A	--	HM	1	--	17	9	8	7	CARD READER
211	IT	3'-0"	7'-0"	WD	A	--	HM	1	--	17	9	8	7	
212	STORAGE	3'-0"	7'-0"	WD	A	--	HM	1	--	17	9	8	7	
213	STORAGE	6'-0"	7'-0"	WD	AA	--	HM	3	--	16	9	8	7	
220A	SCHOOL HELP CENTER	3'-0"	7'-0"	WD	B	GL-1	HM	1	--	22	9	8	7	
220B	SCHOOL HELP CENTER	12'-0"	8'-0"	AL/GL	OH4	GL-1	AL	--	--	32	6	5	4	
220C	SCHOOL HELP CENTER	3'-0"	7'-0"	WD	B	GL-1	HM	1	--	22	9	8	7	
230A	AMMENITY DECK	3'-0"	7'-0"	AL/GL	B	IG-1A	AL	--	--	27	34	33	35	
230B	AMMENITY DECK	3'-0"	7'-0"	AL/GL	B	IG-1A	AL	--	--	27	34	33	35	
233	MECHANICAL	3'-0"	7'-0"	HM	A	--	HM	1	--	12	38	37	36	
S201	STAIRS	3'-0"	7'-0"	HM	D	GL-1	HM	2	60 MN	28	11	12	7	

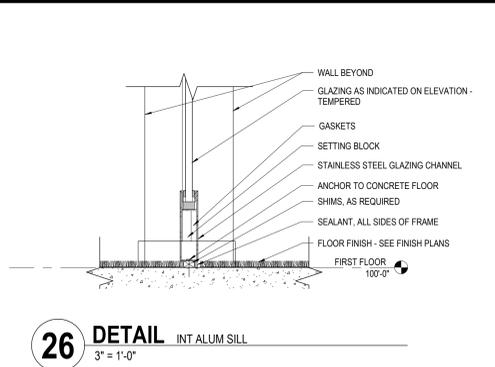


CML LINDEN BRANCH
 2223 CLEVELAND AVE
 COLUMBUS, OH 43211
 FOR
COLUMBUS METROPOLITAN LIBRARY
 300 SPRUCE STREET
 SUITE 300
 COLUMBUS, OHIO 43215
 PHONE: (614) 461-4664
 FAX: (614) 280-8881

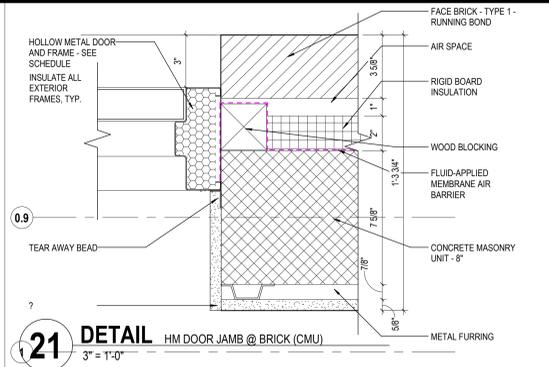
DOOR SCHEDULES

#	DATE	CHANGE DESCRIPTION

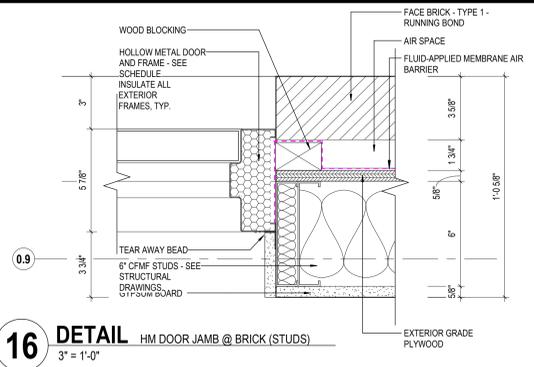
NOVEMBER 21, 2023
 DRAWN BY: KG CHECKED BY: BL
 Proj. # 21507.02
A700
 PERMIT SET



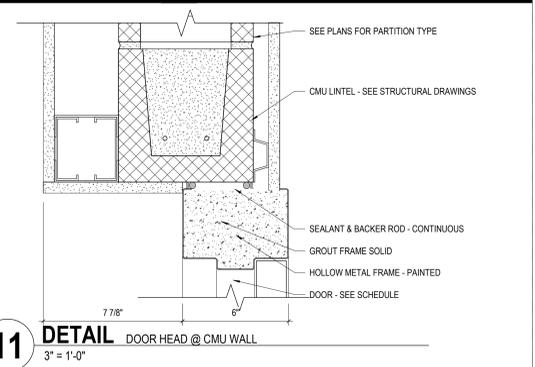
26 DETAIL INT ALUM SILL
3" = 1'-0"



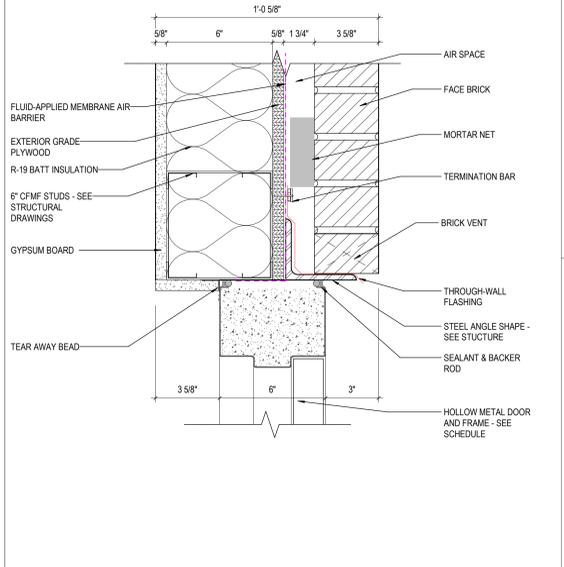
21 DETAIL HM DOOR JAMB @ BRICK (CMU)
3" = 1'-0"



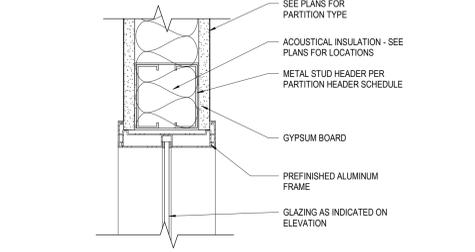
16 DETAIL HM DOOR JAMB @ BRICK (STUDS)
3" = 1'-0"



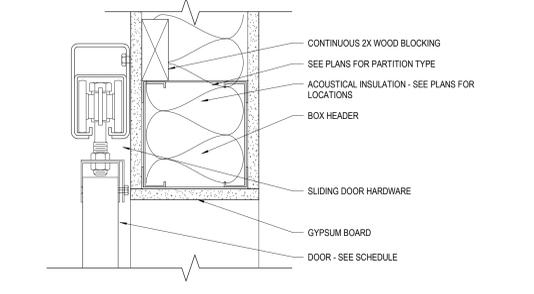
11 DETAIL DOOR HEAD @ CMU WALL
3" = 1'-0"



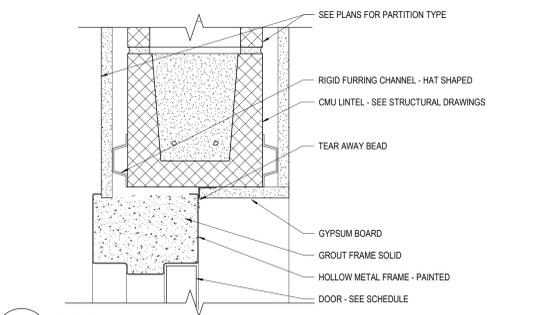
29 DETAIL HM DOOR HEAD @ BRICK
3" = 1'-0"



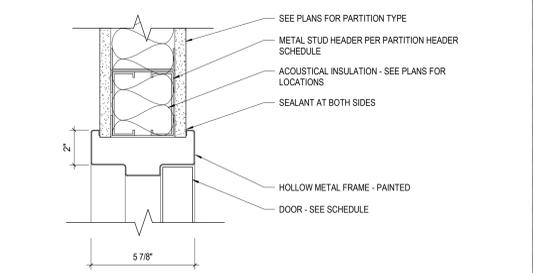
25 DETAIL INT ALUM HEAD
3" = 1'-0"



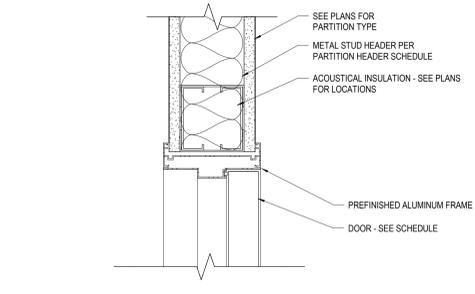
20 DETAIL SLIDING DOOR HEAD
3" = 1'-0"



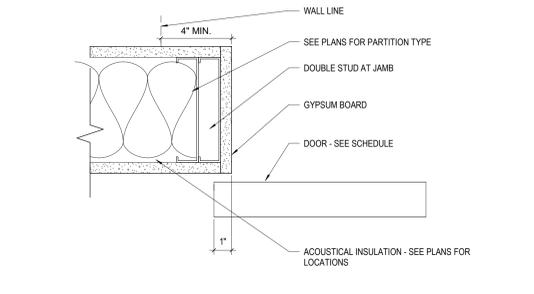
15 DETAIL DOOR HEAD @ CMU WALL
3" = 1'-0"



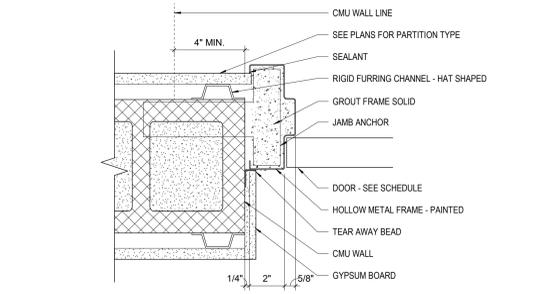
9 DETAIL TYP. HOLLOW METAL HEAD DETAIL
3" = 1'-0"



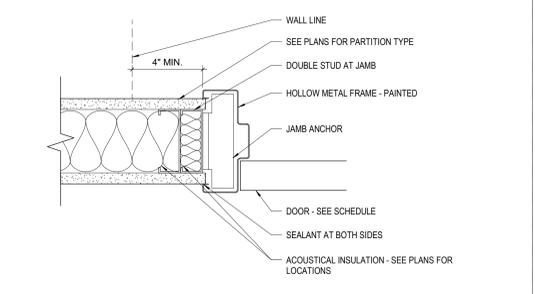
24 DETAIL INT ALUM DOOR HEAD
3" = 1'-0"



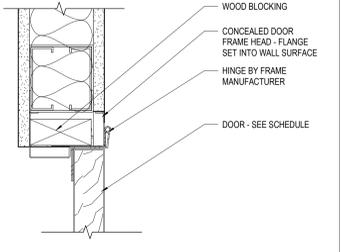
19 DETAIL SLIDING DOOR JAMB
3" = 1'-0"



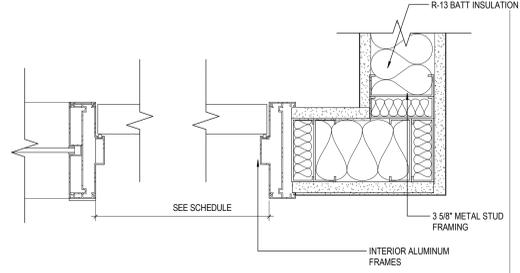
14 DETAIL DOOR JAMB @ CMU WALL
3" = 1'-0"



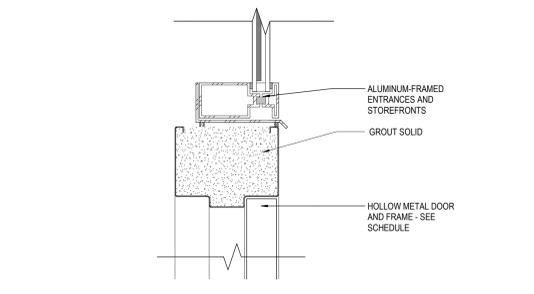
8 DETAIL TYP. HOLLOW METAL JAMB
3" = 1'-0"



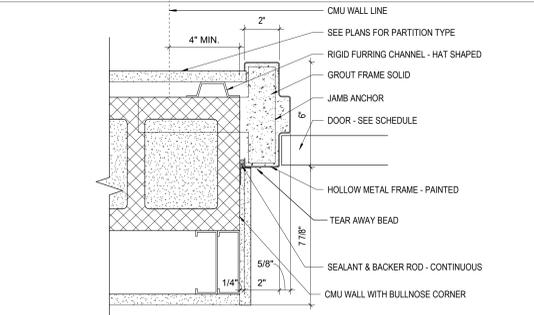
28 DETAIL PLUMBING CHASE CONCEALED DOOR HEAD
3" = 1'-0"



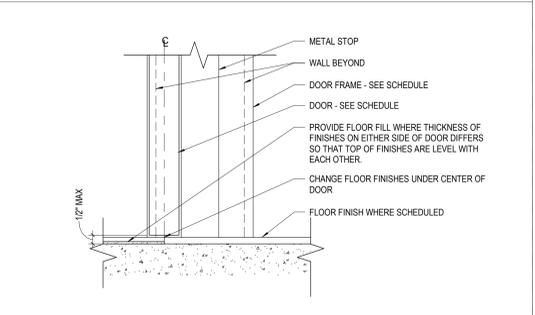
23 DETAIL INT. ALUM DOOR JAMB
3" = 1'-0"



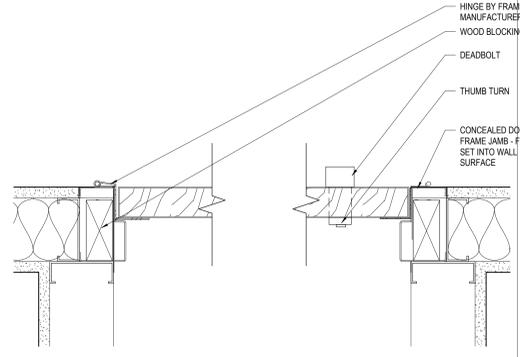
18 DETAIL HM DOOR HEAD @ STOREFRONT
3" = 1'-0"



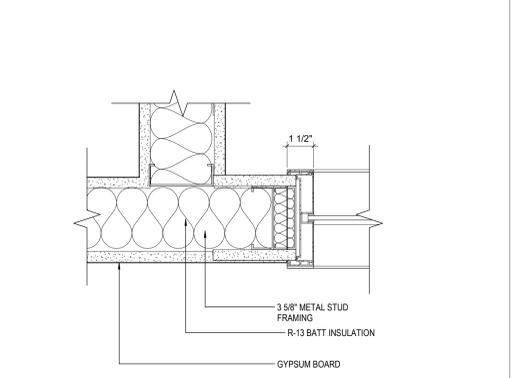
12 DETAIL DOOR JAMB @ CMU WALL
3" = 1'-0"



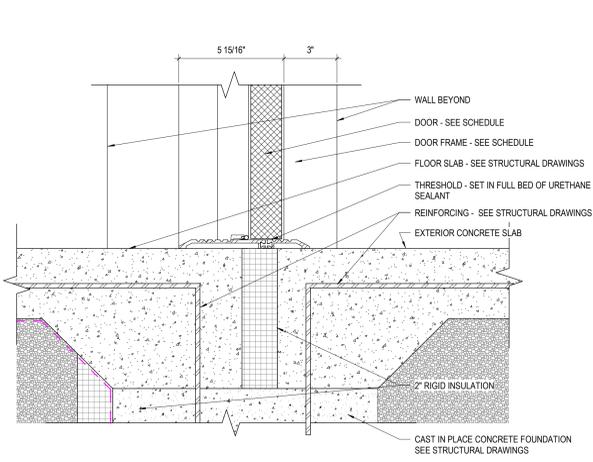
7 DETAIL TYPICAL INTERIOR DOOR SILL
3" = 1'-0"



27 DETAIL PLUMBING CHASE CONCEALED DOOR JAMB
3" = 1'-0"



22 DETAIL INT. ALUM JAMB
3" = 1'-0"



17 DETAIL TYP EXT DOOR SILL
3" = 1'-0"

DOOR DETAIL GENERAL NOTES		KEYNOTE LEGEND	#	DATE	CHANGE DESCRIPTION
1.	TBD	KEY VALUE	KEYNOTE TEXT		
		04 00 00 B	FACE BRICK		
		04 00 00 B1A	FACE BRICK - TYPE 1 - RUNNING BOND		
		04 00 00 04	CONCRETE MASONRY UNIT - 8"		
		04 00 00 09	BRICK VENT		
		04 00 00 X1	THROUGH-WALL FLASHING		
		04 00 00 X16	MORTAR NET		
		04 00 00 Z1	AIR SPACE		
		05 12 00 A1	STEEL ANGLE SHAPE - SEE STRUCTURE		
		05 40 00 A8	6" CMF STUDS - SEE STRUCTURAL DRAWINGS		
		06 10 00 A1	WOOD BLOCKING		
		06 10 00 B1	EXTERIOR GRADE PLYWOOD		
		07 21 00 A1	RIGID BOARD INSULATION		
		07 21 00 B1	R-13 BATT INSULATION		
		07 21 00 B2	R-19 BATT INSULATION		
		07 27 26	FLUID-APPLIED MEMBRANE AIR BARRIER		
		07 62 99 N1	TERMINATION BAR		
		07 92 00 H3	SEALANT & BACKER ROD		
		08 11 13 A1	HOLLOW METAL DOOR AND FRAME - SEE SCHEDULE		
		08 12 16	INTERIOR ALUMINUM FRAMES		
		08 41 13	ALUMINUM-FRAMED ENTRANCES AND STOREFRONTS		
		09 21 13 A1	METAL FURRING		
		09 21 16 A4	3/8" METAL STUD FRAMING		
		09 21 16 M1	GYPSUM BOARD		
		09 21 16 P7	TEAR AWAY BEAD		
DOOR DETAIL CODED NOTES					
1.	TBD				

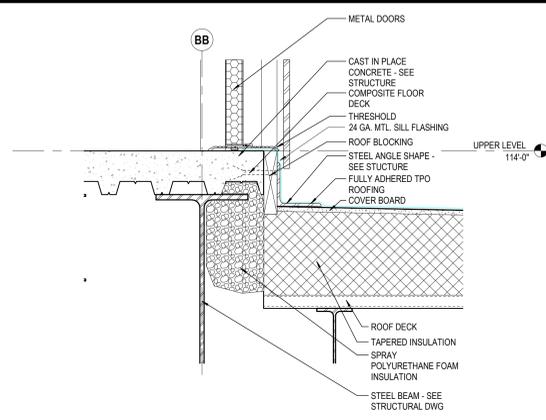
CML LINDEN BRANCH
2223 CLEVELAND AVE
COLUMBUS, OH 43211
FOR
COLUMBUS METROPOLITAN LIBRARY

300 SPRUCE STREET
SUITE 300
COLUMBUS, OHIO 43215
PHONE: (614) 461-4664
FAX: (614) 280-8881

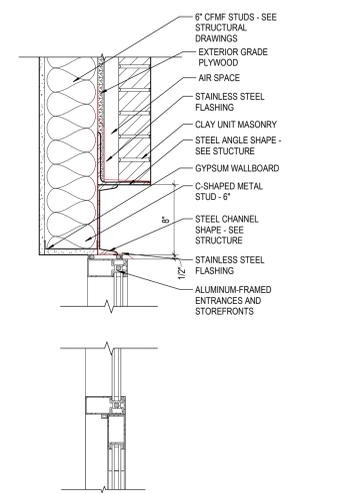
MOODY-NOLAN
DRAWING TITLE:
DOOR DETAILS

STATE OF OHIO REGISTERED ARCHITECT
JONATHAN D. MOODY
1215709

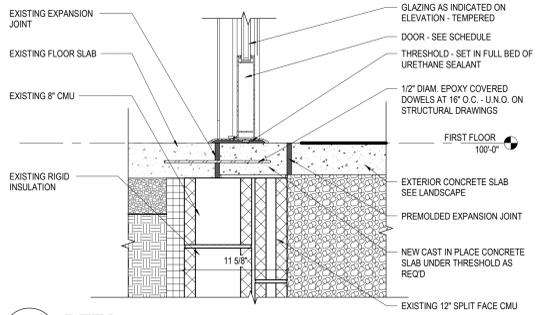
NOVEMBER 21, 2023
DRAWN BY: KG CHECKED BY: BL
Proj. # 21507.02
A701
PERMIT SET



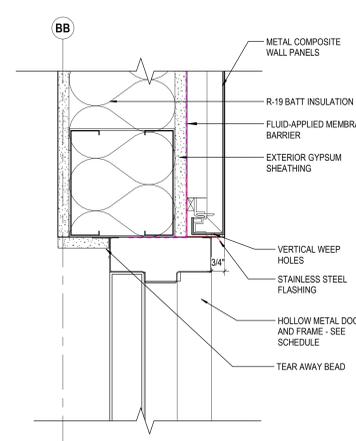
41 DETAIL DOOR SILL @ MECH WELL
1 1/2" = 1'-0" REF: 4 / A3.11a



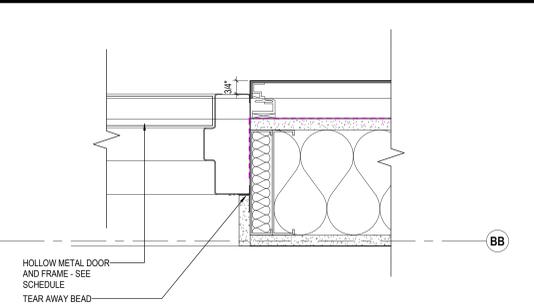
40 DETAIL SF DOOR HEAD @ RAMP
1 1/2" = 1'-0" REF: 5 / A7.11



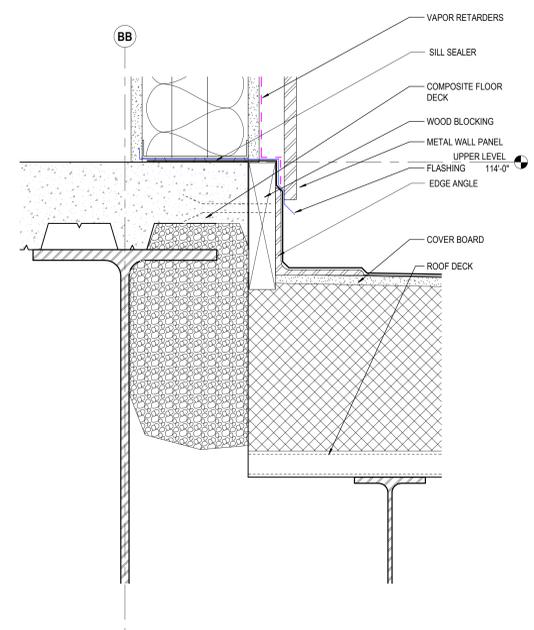
39 DETAIL SF DOOR SILL @ RAMP
1 1/2" = 1'-0" REF: 5 / A7.11



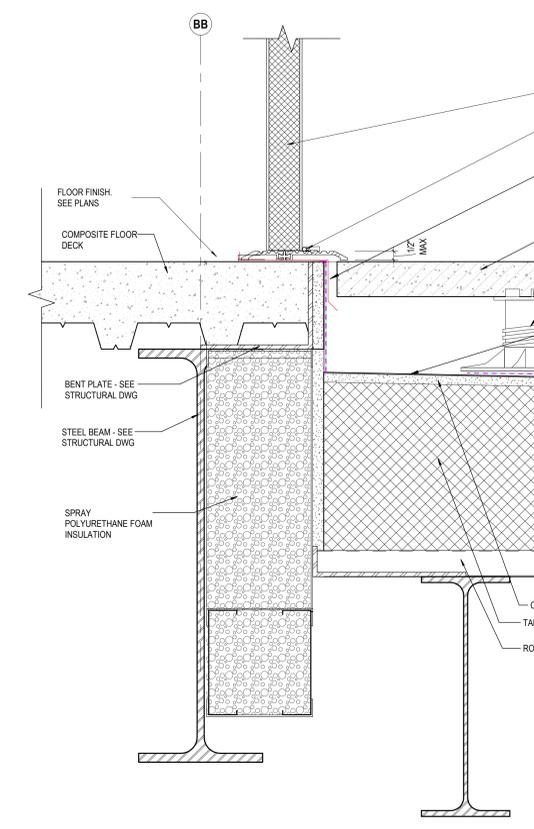
38 DETAIL HM HEAD @ MECHANICAL
3" = 1'-0" REF: 9 / A5.01



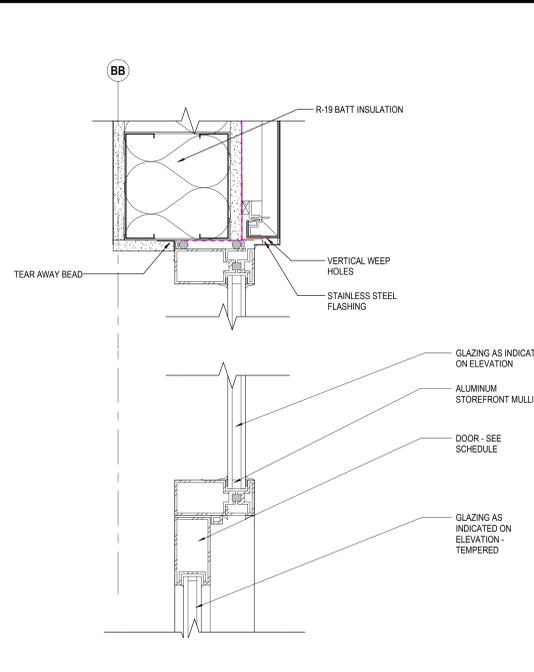
37 DETAIL HM JAMB @ MECHANICAL
3" = 1'-0"



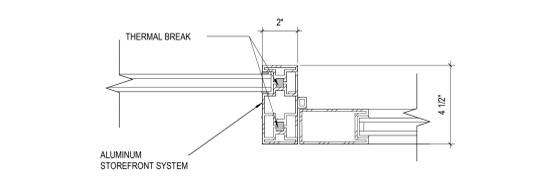
36 DETAIL HM SILL @ MECHANICAL
3" = 1'-0" REF: 9 / A5.01



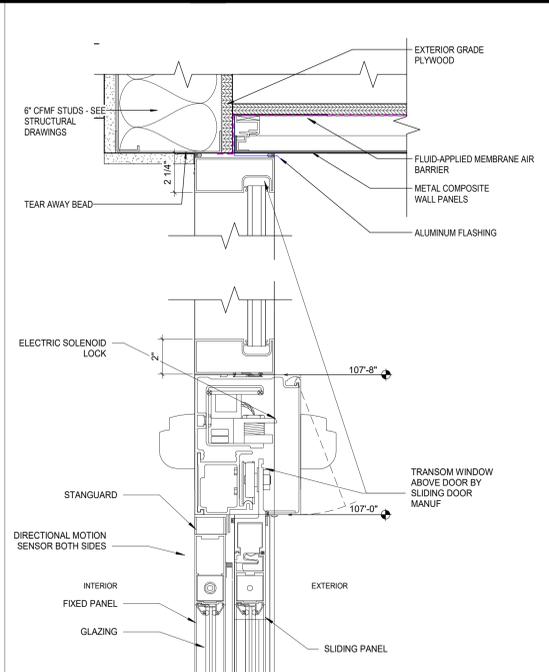
35 DETAIL STOREFRONT SILL @ TERRACE
3" = 1'-0"



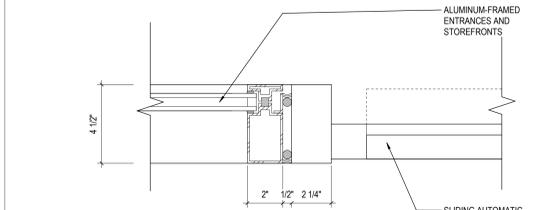
34 DETAIL STOREFRONT HEAD @ TERRACE
3" = 1'-0"



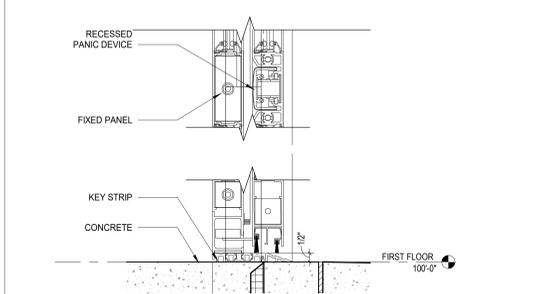
33 DETAIL STOREFRONT JAMB @ TERRACE
3" = 1'-0" REF: 1 / A1.02



32 DETAIL SLIDING DOOR HEAD
3" = 1'-0" REF: 7 / A5.01



31 DETAIL SLIDING DOOR JAMB
3" = 1'-0" REF: 1 / A1.01



30 DETAIL SLIDING DOOR SILL
3" = 1'-0" REF: 3 / A5.22

DOOR DETAIL GENERAL NOTES

KEY VALUE	KEYNOTE TEXT
03 30 00.A1	CAST IN PLACE CONCRETE - SEE STRUCTURE
04 00 00.X4	STAINLESS STEEL FLASHING
04 00 00.Z1	AIR SPACE
04 21 00	CLAY UNIT MASONRY
05 12 00.A1	STEEL ANGLE SHAPE - SEE STRUCTURE
05 12 00.A2	STEEL CHANNEL SHAPE - SEE STRUCTURE
05 12 00.B2	STEEL BEAM - SEE STRUCTURAL DWG
05 12 00.B5	BENT PLATE - SEE STRUCTURAL DWG
05 31 00.A1	ROOF DECK
05 31 00.B2	COMPOSITE FLOOR DECK
05 40 00.A5	C-SHAPED METAL STUD - 6"
05 40 00.A8	6" CFMF STUDS - SEE STRUCTURAL DRAWINGS
06 10 00.A1	WOOD BLOCKING
06 10 00.B1	EXTERIOR GRADE PLYWOOD
06 19 00.A1	ROOF BLOCKING
07 21 00.B2	R-19 BATT INSULATION
07 21 00.F1	SPRAY POLYURETHANE FOAM INSULATION
07 27 26	FLUID-APPLIED MEMBRANE AIR BARRIER
07 42 13	METAL WALL PANEL
07 42 13.23	METAL COMPOSITE WALL PANELS
07 42 13.G6	VERTICAL WEEP HOLES
07 54 23.A2	FULLY ADHERED TPO ROOFING
07 54 23.B3	COVER BOARD
07 54 23.B4	TAPERED INSULATION
07 62 00.G1	FLASHING
07 62 00.H5	SLOPED CONTINUOUS METAL SILL FLASHING WITH END DAMS
07 76 16.A1	CONCRETE PAVER
07 76 16.B1	PEDESTAL
08 11 13.A1	HOLLOW METAL DOOR AND FRAME - SEE SCHEDULE
08 13 00	METAL DOORS
08 41 13	ALUMINUM-FRAMED ENTRANCES AND STOREFRONTS
08 41 13.B1	ALUMINUM STOREFRONT SYSTEM
08 42 29	SLIDING AUTOMATIC ENTRANCES
08 44 13.C1	ALUMINUM FLASHING
08 71 13.D1	THRESHOLD
09 21 16.M5	EXTERIOR GYPSUM SHEATHING
09 21 16.P7	TEAR AWAY BEAD
09 29 00	GYPSUM WALLBOARD

DOOR DETAIL CODED NOTES

1. TBD

#	DATE	CHANGE DESCRIPTION

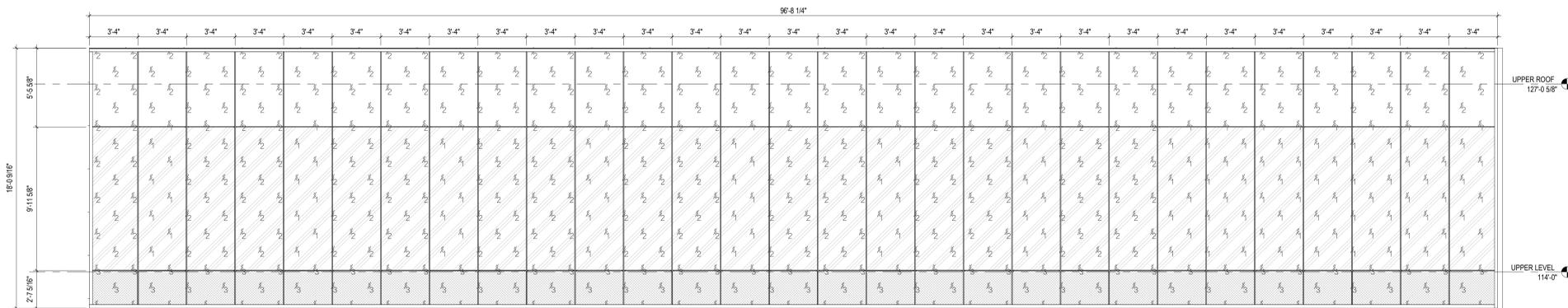
CML LINDEN BRANCH
2223 CLEVELAND AVE
COLUMBUS, OH 43211
FOR
COLUMBUS METROPOLITAN LIBRARY

300 SPRUCE STREET
SUITE 300
COLUMBUS, OHIO 43215
PHONE: (614) 461-4664
FAX: (614) 280-8881

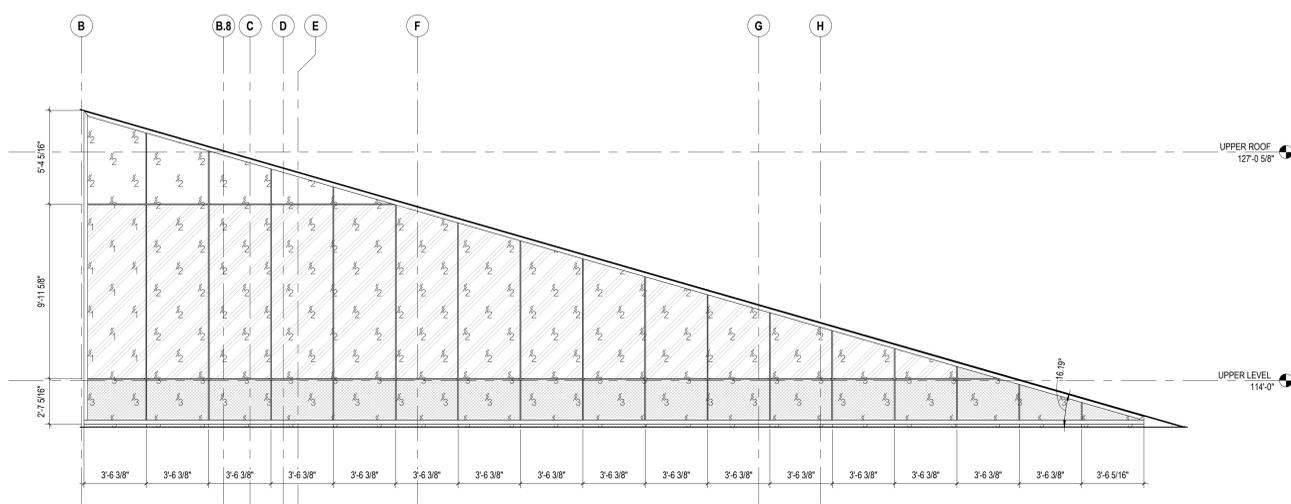
DRAWING TITLE:
DOOR DETAILS

NOVEMBER 21, 2023
DRAWN BY: KG CHECKED BY: BL
Proj. # 21507.02
A702
PERMIT SET

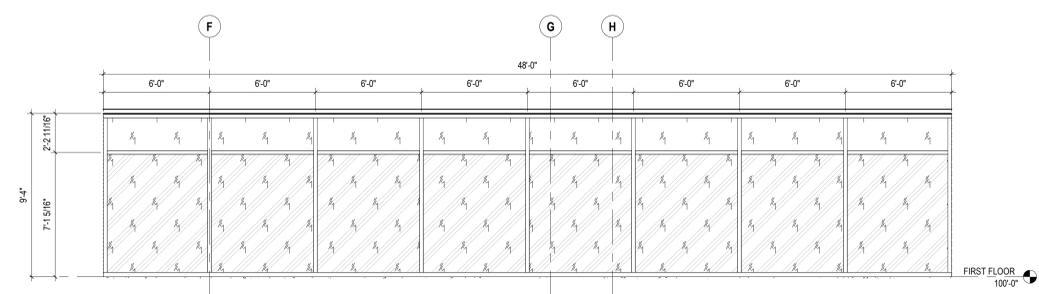
JONATHAN D. MOODY, LIC. #1215709
EXP. DATE: 12/31/2023



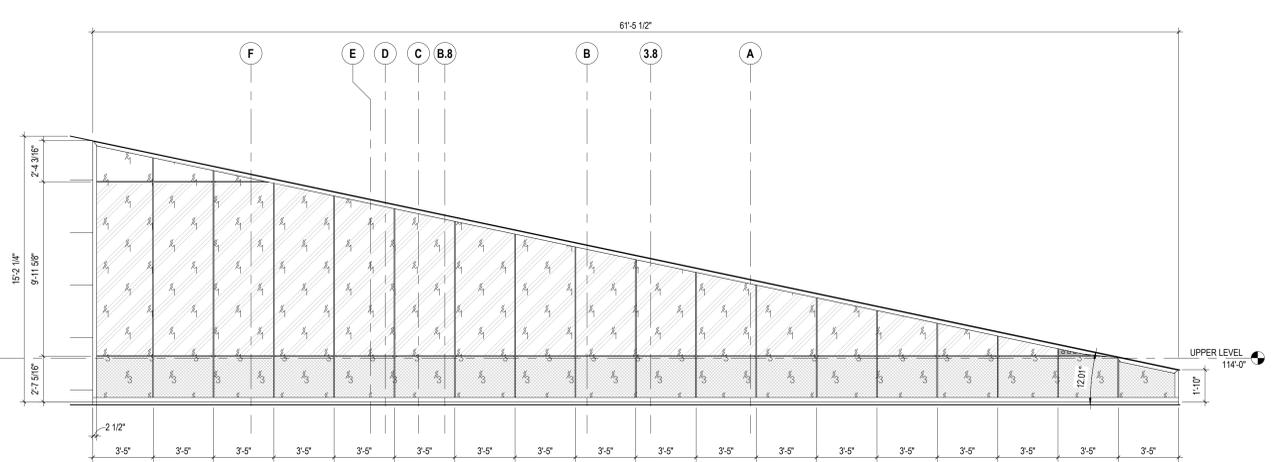
2 ELEVATION CW03
1/4" = 1'-0"



4 ELEVATION CW02
1/4" = 1'-0"



1 ELEVATION CW01
1/4" = 1'-0"



3 ELEVATION CW04
1/4" = 1'-0"

CURTAINWALL GENERAL NOTES		KEYNOTE LEGEND		GLAZING TYPES		#	DATE	CHANGE DESCRIPTION
1. TBD		KEY VALUE	KEYNOTE TEXT		GL-1 INTERIOR GLAZING (CLEAR TEMPERED)			
					IG-1 EXTERIOR GLAZING (CLEAR)			
					IG-1A EXTERIOR GLAZING (CLEAR TEMPERED)			
					IG-2 EXTERIOR GLAZING (CLEAR)			
					IG-2A EXTERIOR GLAZING (CLEAR TEMPERED)			
					IG-3 EXTERIOR GLAZING (FRITTED SPANDREL)			
					IG-4 EXTERIOR GLAZING (SPANDREL)			
CURTAINWALL CODED NOTES								
1. TBD								

CML LINDEN BRANCH
2223 CLEVELAND AVE
COLUMBUS, OH 43211
FOR
COLUMBUS METROPOLITAN LIBRARY

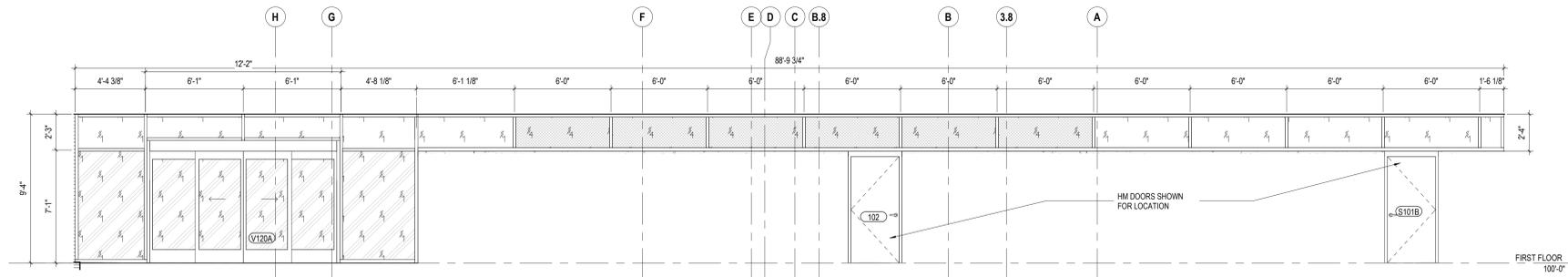
MOODY-NOLAN
300 SPRUCE STREET
SUITE 300
COLUMBUS, OHIO 43215
PHONE: (614) 461-4664
FAX: (614) 280-8881

EXTERIOR GLAZING

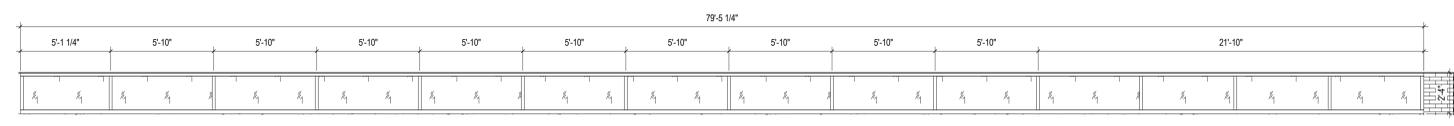
DRAWING TITLE: EXTERIOR GLAZING

NOVEMBER 21, 2023
DRAWN BY: KG CHECKED BY: BL
Proj. # 21507.02
A710
PERMIT SET

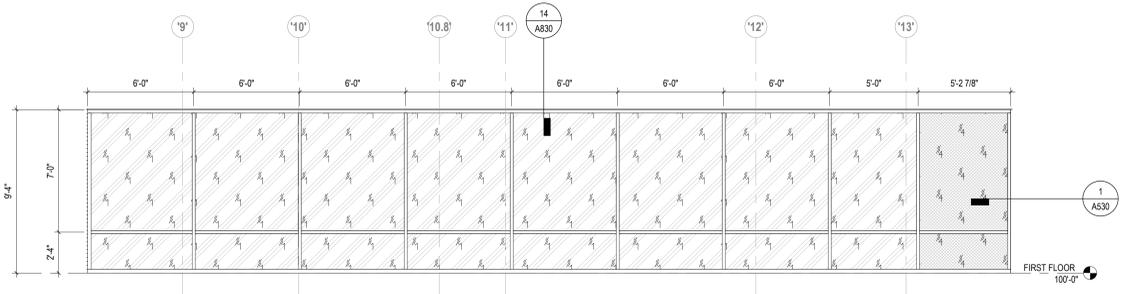
JONATHAN D. MOODY, LIC. #1215709
REGISTERED ARCHITECT
EXP. DATE: 12/31/2023



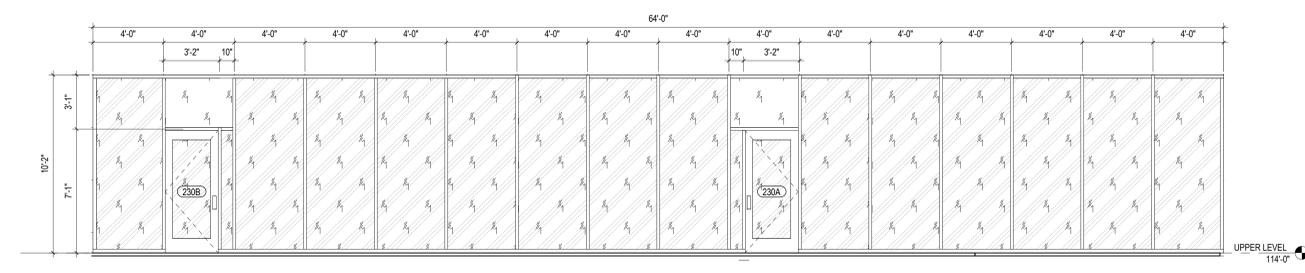
3 ELEVATION SF02
1/4" = 1'-0"



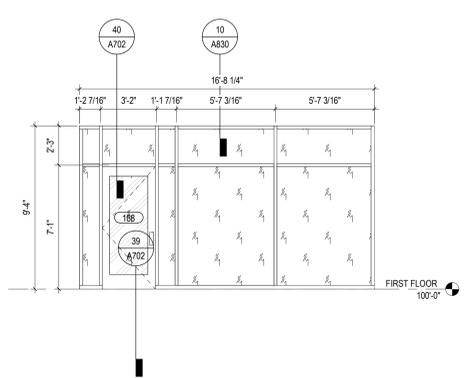
2 ELEVATION SF01
1/4" = 1'-0"



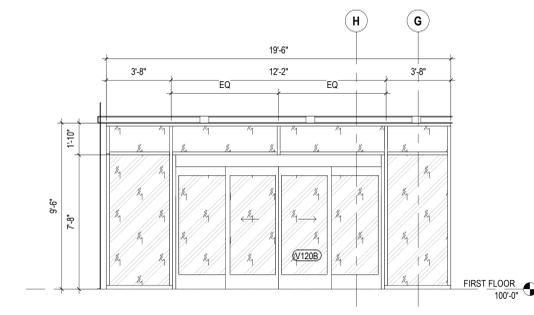
6 ELEVATION SF04
1/4" = 1'-0"



1 ELEVATION CW05
1/4" = 1'-0"



5 ELEVATION SF05
1/4" = 1'-0"



4 ELEVATION SF03
1/4" = 1'-0"

CURTAINWALL GENERAL NOTES		KEYNOTE LEGEND		GLAZING TYPES	#	DATE	CHANGE DESCRIPTION
CURTAINWALL CODED NOTES		KEY VALUE	KEYNOTE TEXT				
1. TBD				<p>GL-1 INTERIOR GLAZING (CLEAR TEMPERED)</p> <p>IG-1 EXTERIOR GLAZING (CLEAR)</p> <p>IG-1A EXTERIOR GLAZING (CLEAR TEMPERED)</p> <p>IG-2 EXTERIOR GLAZING (CLEAR)</p> <p>IG-2A EXTERIOR GLAZING (CLEAR TEMPERED)</p> <p>IG-3 EXTERIOR GLAZING (FRITTED SPANDREL)</p> <p>IG-4 EXTERIOR GLAZING (SPANDREL)</p>			
1. TBD							

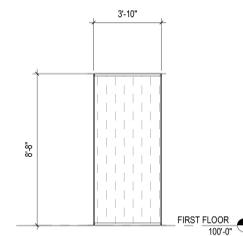
CML LINDEN BRANCH
2223 CLEVELAND AVE
COLUMBUS, OH 43211
FOR
COLUMBUS METROPOLITAN LIBRARY

300 SPRUCE STREET
SUITE 300
COLUMBUS, OHIO 43215
PHONE: (614) 461-4664
FAX: (614) 280-8881

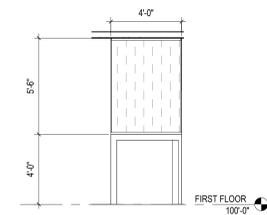
DRAWING TITLE:
EXTERIOR GLAZING

NOVEMBER 21, 2023
DRAWN BY: KG CHECKED BY: BL
Proj. # 21507.02
A711
PERMIT SET

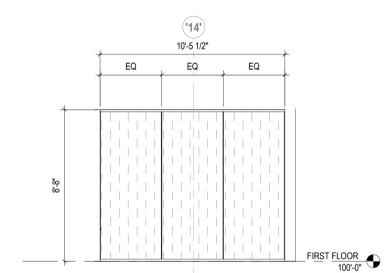
JONATHAN D. MOODY, LIC. #1215709
REGISTERED ARCHITECT
EXP. DATE: 12/31/2023



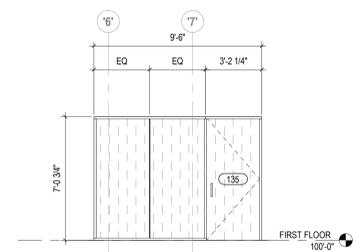
6 ELEVATION IS06
1/4" = 1'-0"



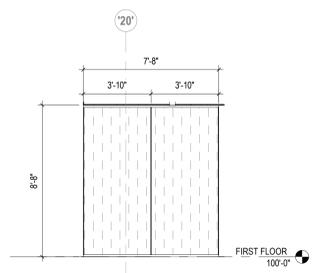
3 ELEVATION IS03
1/4" = 1'-0"



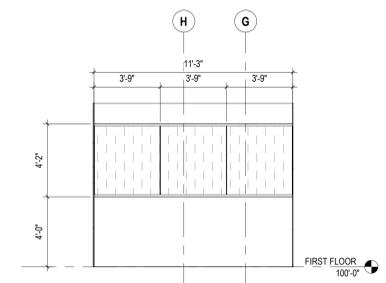
5 ELEVATION IS05
1/4" = 1'-0"



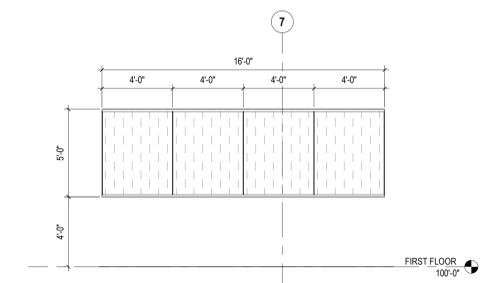
2 ELEVATION IS02
1/4" = 1'-0"



7 ELEVATION IS07
1/4" = 1'-0"



4 ELEVATION IS04
1/4" = 1'-0"



1 ELEVATION IS01
1/4" = 1'-0"

CURTAINWALL GENERAL NOTES		KEYNOTE LEGEND	GLAZING TYPES	#	DATE	CHANGE DESCRIPTION
1. TBD			 GL-1 INTERIOR GLAZING (CLEAR TEMPERED)  IG-1 EXTERIOR GLAZING (CLEAR)  IG-1A EXTERIOR GLAZING (CLEAR TEMPERED)  IG-2 EXTERIOR GLAZING (CLEAR)  IG-2A EXTERIOR GLAZING (CLEAR TEMPERED)  IG-3 EXTERIOR GLAZING (FRITTED SPANDREL)  IG-4 EXTERIOR GLAZING (SPANDREL)			
CURTAINWALL CODED NOTES						
1. TBD						

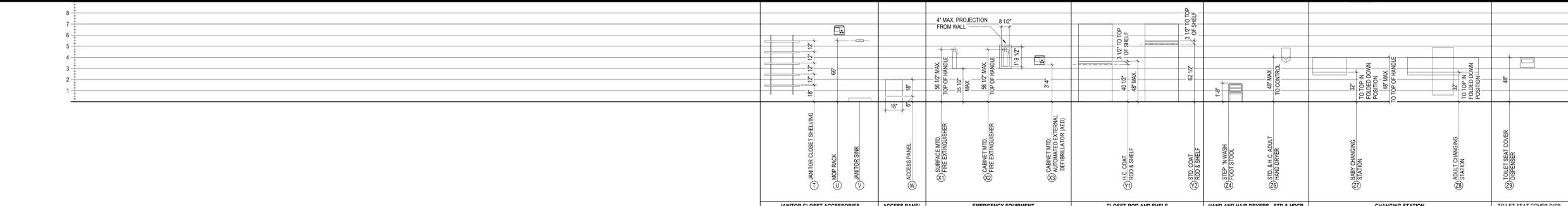
CML LINDEN BRANCH
2223 CLEVELAND AVE
COLUMBUS, OH 43211
FOR
COLUMBUS METROPOLITAN LIBRARY

MOODY-NOLAN
300 SPRUCE STREET
SUITE 300
COLUMBUS, OHIO 43215
PHONE: (614) 461-4664
FAX: (614) 280-8881

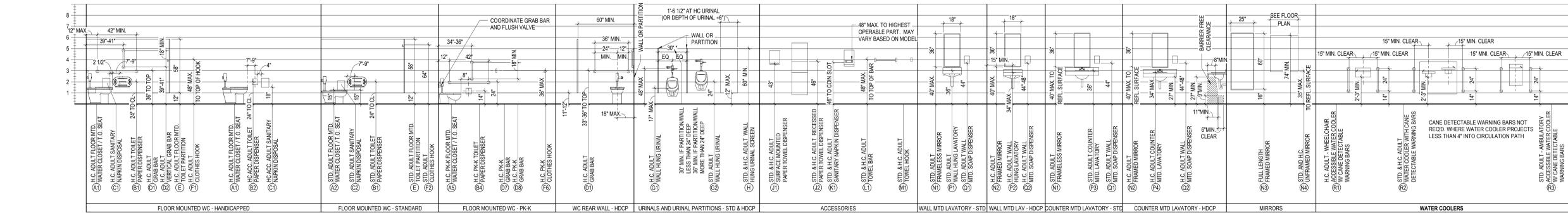
INTERIOR GLAZING

NOVEMBER 21, 2023
DRAWN BY: LM CHECKED BY: BL
Proj. # 21507.02
A730
PERMIT SET

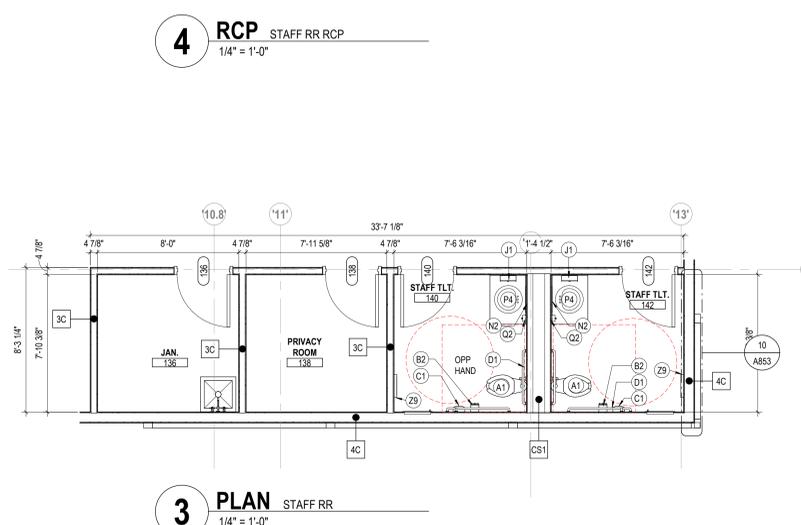
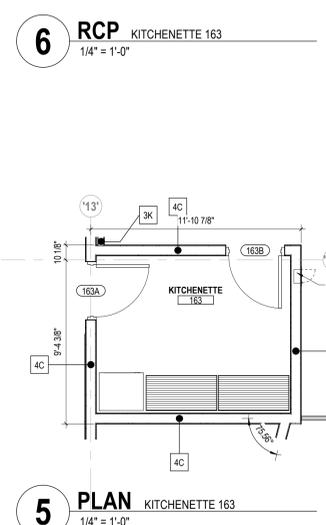
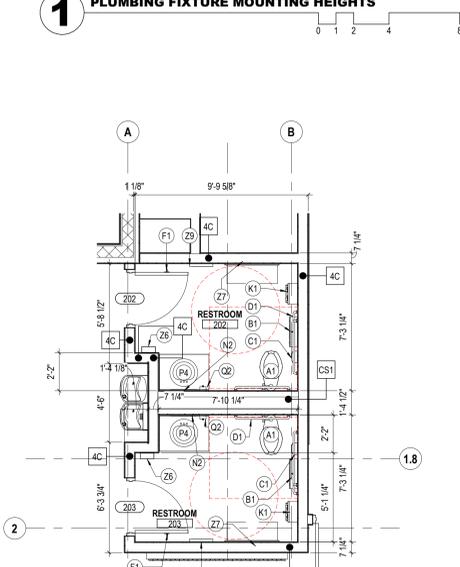
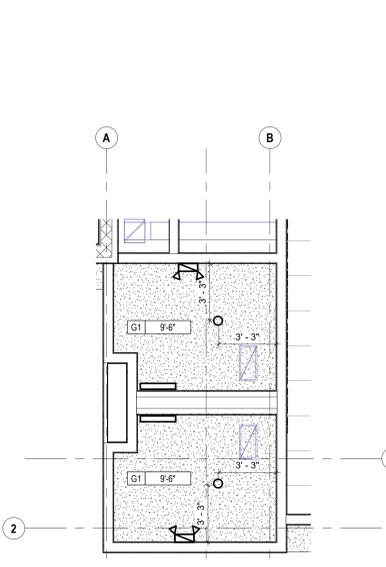
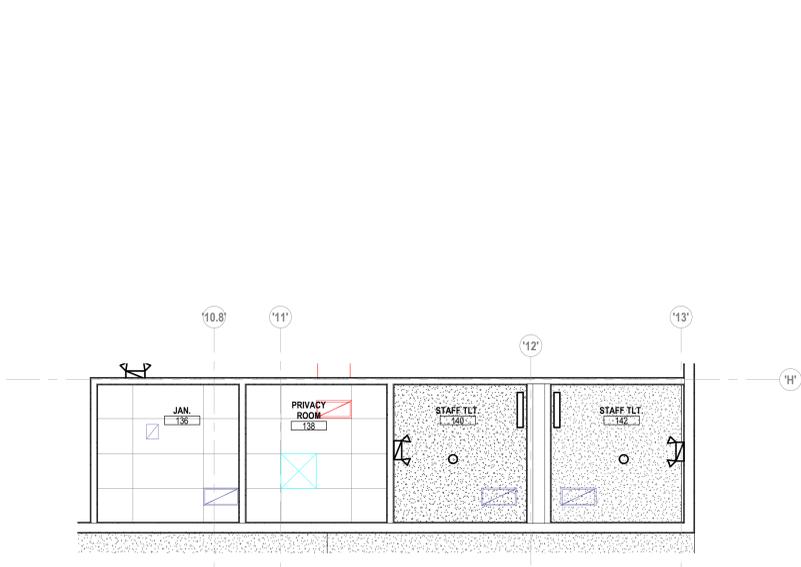
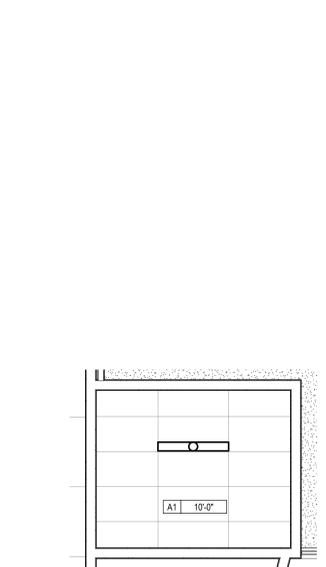
STATE OF OHIO
REGISTERED ARCHITECT
JONATHAN D. MOODY
1215709
JONATHAN D. MOODY, LIC. #1215709
EXP. DATE: 12/31/2023



2 MISCELLANEOUS MOUNTING HEIGHTS



1 PLUMBING FIXTURE MOUNTING HEIGHTS



GENERAL NOTES - ENLARGED PLANS		KEYNOTE LEGEND		#	DATE	CHANGE DESCRIPTION
1.	SEE MOUNTING HEIGHT SCHEDULE ON SHEET A810	KEY VALUE	KEYNOTE TEXT			
2.	ALL DIMENSIONS ARE TO FACE OF WALL (UNLESS NOTED OTHERWISE)					
3.	SEE STRUCTURAL DRAWINGS FOR LOCATIONS OF ALL STEEL REINFORCING IN WALL & FLOOR CONSTRUCTION					
4.	SEE FINISH SCHEDULE FOR ADDITIONAL INFORMATION OF LOCATIONS AND TYPES OF FINISH MATERIALS					
5.	PROVIDE IN-WALL BLOCKING FOR ALL TOILET ACCESSORIES, GRAB BARS, ADJUSTABLE SHELVING, FIRE EXTINGUISHERS, TV MONITORS, ART WORK, CASEWORK, ETC. SEE INTERIOR ELEVATIONS FOR LOCATIONS OF TV MONITORS, ART WORK AND CASWORK					
CODED NOTES - ENLARGED PLANS						
1.	X					

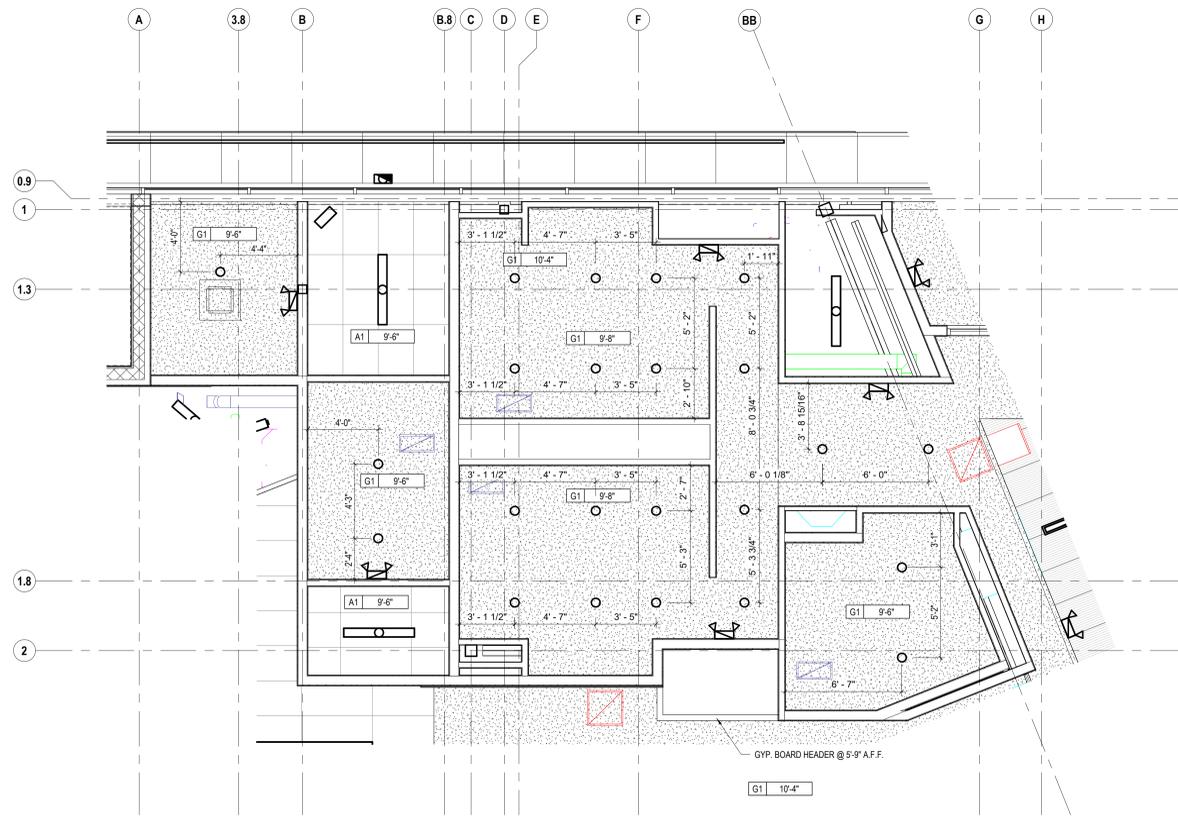
CML LINDEN BRANCH
 2223 CLEVELAND AVE
 COLUMBUS, OH 43211
 FOR
COLUMBUS METROPOLITAN LIBRARY

300 SPRUCE STREET
 SUITE 300
 COLUMBUS, OHIO 43215
 PHONE: (614) 461-4664
 FAX: (614) 280-8881

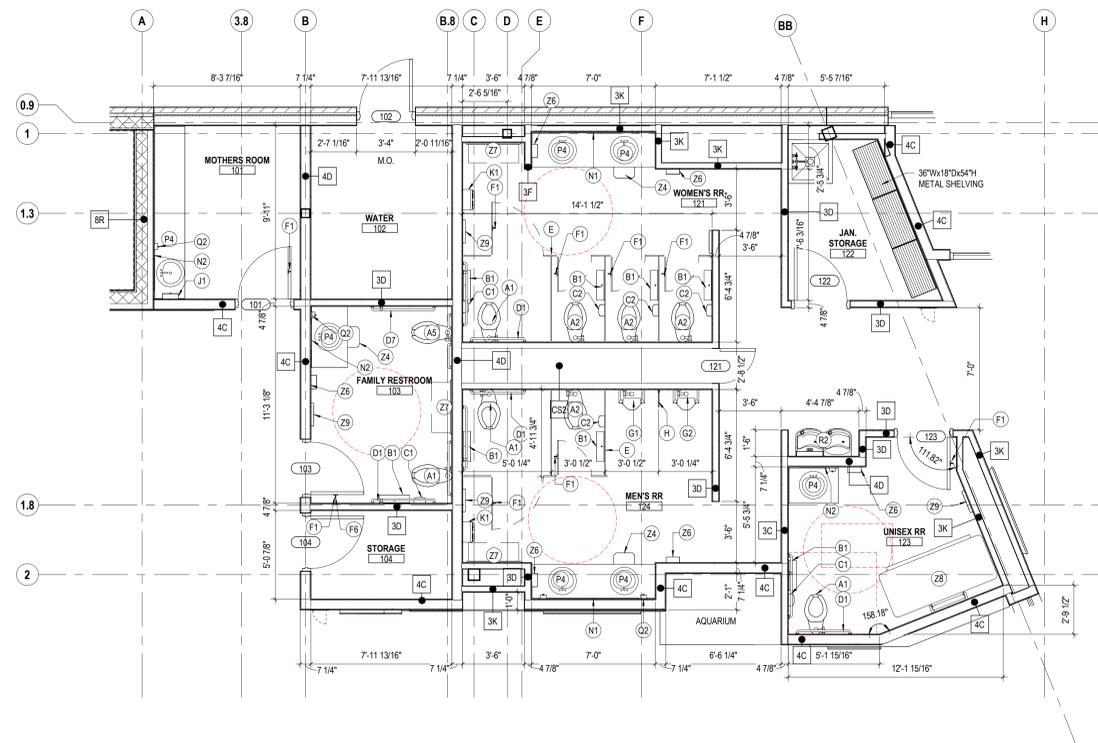
MOODY-NOLAN
 DRAWING TITLE:
MOUNTING HEIGHTS & ENLARGED PLANS

NOVEMBER 21, 2023
 DRAWN BY: LM CHECKED BY: BL
 Proj. # 21507.02
A810
 PERMIT SET

JONATHAN D. MOODY, LIC. #1215709
 EXP. DATE: 12/31/2023



5 RCP RESTROOM CORE LEVEL 01
1/4" = 1'-0"



4 PLAN MAIN RESTROOM CORE
1/4" = 1'-0"

GENERAL NOTES - ENLARGED PLANS		KEYNOTE LEGEND		#	DATE	CHANGE DESCRIPTION
1. SEE MOUNTING HEIGHT SCHEDULE ON SHEET A810. 2. ALL DIMENSIONS ARE TO FACE OF WALL (UNLESS NOTED OTHERWISE). 3. SEE STRUCTURAL DRAWINGS FOR LOCATIONS OF ALL STEEL REINFORCING IN WALL & FLOOR CONSTRUCTION. 4. SEE FINISH SCHEDULE FOR ADDITIONAL INFORMATION OF LOCATIONS AND TYPES OF FINISH MATERIALS. 5. PROVIDE IN-WALL BLOCKING FOR ALL TOILET ACCESSORIES, GRAB BARS, ADJUSTABLE SHELVING, FIRE EXTINGUISHERS, TV MONITORS, ART WORK, CASEWORK, ETC. SEE INTERIOR ELEVATIONS FOR LOCATIONS OF TV MONITORS, ART WORK AND CASWORK.		KEY VALUE	KEYNOTE TEXT			
CODED NOTES - ENLARGED PLANS 1. X						



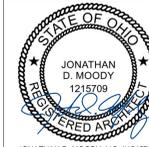
CML LINDEN BRANCH
2223 CLEVELAND AVE
COLUMBUS, OH 43211
FOR
COLUMBUS METROPOLITAN LIBRARY



300 SPRUCE STREET
SUITE 300
COLUMBUS, OHIO 43215

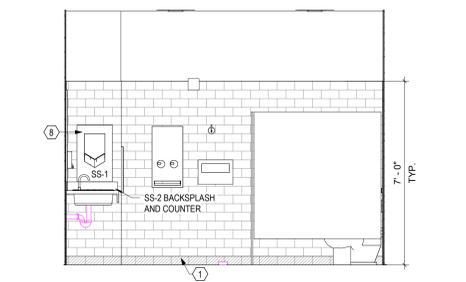
PHONE: (614) 461-4664
FAX: (614) 280-8881

DRAWING TITLE:
ENLARGED PLANS

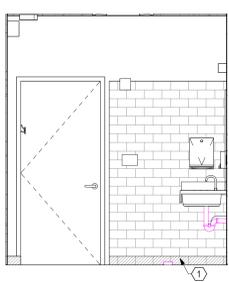


JONATHAN D. MOODY
1215709
REGISTERED ARCHITECT

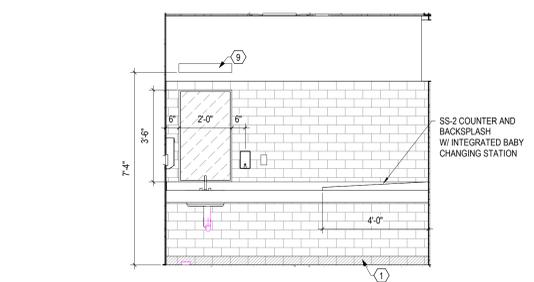
NOVEMBER 21, 2023
DRAWN BY: LM CHECKED BY: BL
Proj. # 21507.02
A811
PERMIT SET



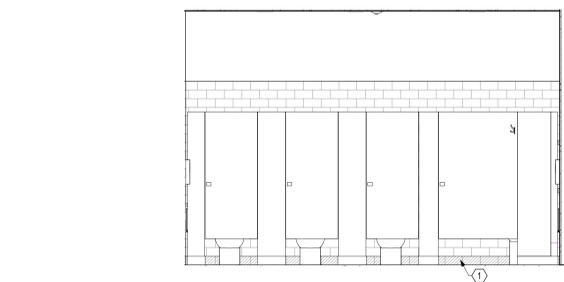
20 ELEVATION MENS RESTROOM 124 (WOMEN'S RR 121 - OPS HAND) 3/8" = 1'-0"



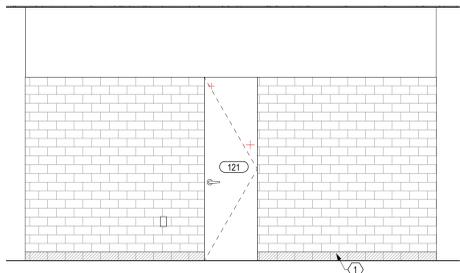
16 ELEVATION MOTHERS ROOM 101 3/8" = 1'-0"



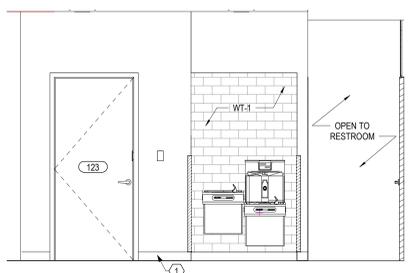
8 ELEVATION MOTHERS ROOM 101 3/8" = 1'-0"



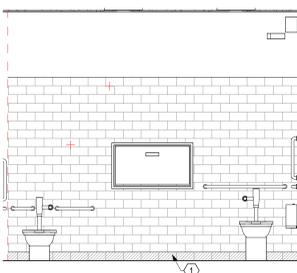
4 ELEVATION WOMENS RESTROOM 121 3/8" = 1'-0"



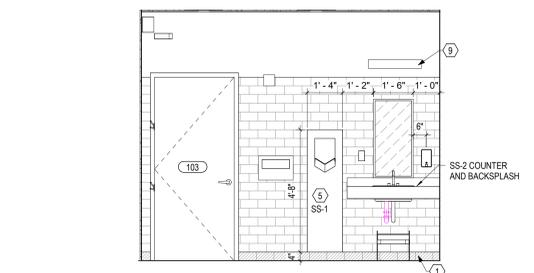
23 ELEVATION RESTROOM ENTRY 3/8" = 1'-0"



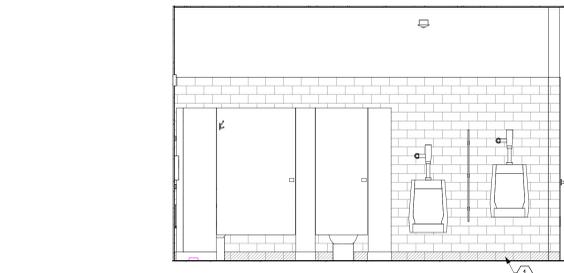
19 ELEVATION LEVEL 01 RESTROOM DRINKING FOUNTAINS 3/8" = 1'-0"



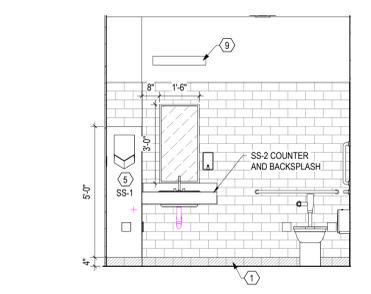
15 ELEVATION FAMILY RESTROOM 103 3/8" = 1'-0"



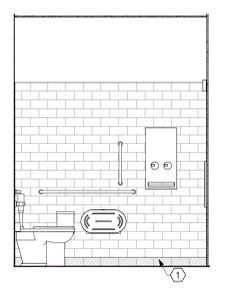
7 ELEVATION FAMILY RESTROOM 103 3/8" = 1'-0"



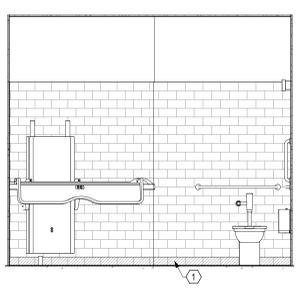
3 ELEVATION MENS RESTROOM 124 3/8" = 1'-0"



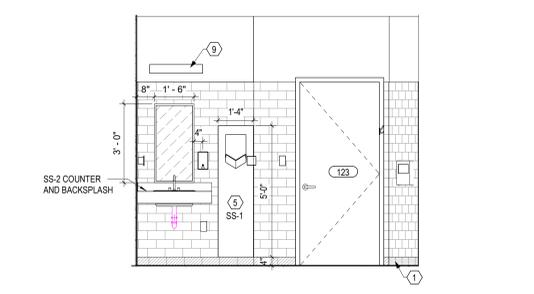
22 ELEVATION UNISEX RESTROOM 203 (202 OPS HAND) 3/8" = 1'-0"



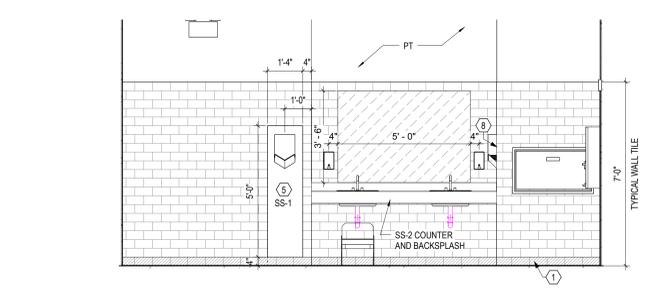
18 ELEVATION UNISEX RESTROOM 203 (202 OPS HAND) 3/8" = 1'-0"



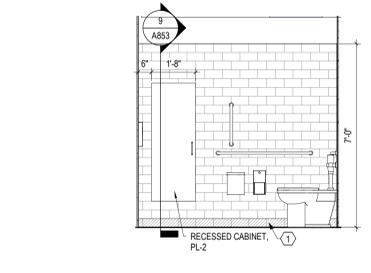
14 ELEVATION UNISEX RR 123 3/8" = 1'-0"



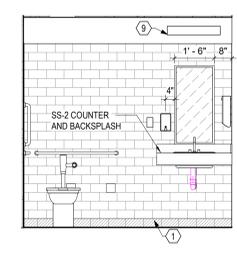
6 ELEVATION UNISEX RR 123 3/8" = 1'-0"



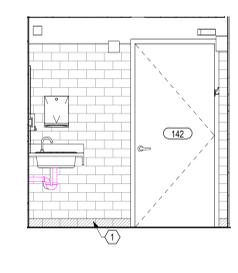
2 ELEVATION MENS RESTROOM 124 (WOMEN'S RESTROOM 121 OPS HAND) 3/8" = 1'-0"



21 ELEVATION STAFF RR 142 (140 OPS HAND) 3/8" = 1'-0"



17 ELEVATION STAFF RR 142 (140 OPS HAND) 3/8" = 1'-0"



13 ELEVATION STAFF RR 142 (140 OPS HAND) 3/8" = 1'-0"

- GEN. NOTES - INTERIOR ELEVATIONS**
- ALL DIMENSIONS ARE TO FACE OF WALL (UNLESS NOTED OTHERWISE).
 - SEE FINISH PLANS AND LEGEND FOR ADDITIONAL INFORMATION OF LOCATIONS AND TYPES OF FINISH MATERIALS.
 - ALL MOUNTING HEIGHTS ARE ABOVE FINISHED FLOOR (AFF). SEE SHEET A810.
 - REFER TO PME DRAWINGS FOR OTHER REQUIREMENTS NOT SHOWN ON INTERIOR ELEVATIONS. NOTIFY ARCHITECT OF DISCREPANCIES FOR CLARIFICATION.
 - PROVIDE BLIND CABINETS WHERE APPLICABLE.
 - CONTRACTOR TO PROVIDE BLOCKING IN WALL AS REQUIRED FOR ALL OWNER FURNISHED WALL MOUNTED EQUIPMENT AND ACCESSORIES. COORDINATE FINAL LOCATION WITH OWNER.
 - PROVIDE SCRIBES / FILLERS BETWEEN ALL WALLS AND CABINET ENDS, U.N.O. PROVIDE MINIMUM 2" FILLERS BETWEEN THE CORNER CABINETS IN AN "L" SHAPE CONFIGURATION.
 - PROVIDE CORNER CLOSURE PIECE UNDER THE WALL CABINETS IN AN "L" SHAPE CONFIGURATION.
 - WALL BASE AND WALL FINISH ARE TO EXTEND BEHIND EQUIPMENT.
 - COORDINATE LOCATIONS OF GROMMETS WHERE NECESSARY FOR COMPUTER CORDS WITH OWNER, U.N.O.
 - CASEWORK MANUFACTURER SHALL VERIFY/MESURE ALL FIELD CONDITIONS PRIOR TO FABRICATION OF CASEWORK / COUNTERTOPS. ANY ALTERATION TO CASEWORK REQUIRES AS A RESULT OF FIELD CONDITIONS SHALL BE APPROVED BY THE ARCHITECT AND OWNER PRIOR TO FABRICATION OR INSTALLATION. CASEWORK MANUFACTURER SHALL COORDINATE WITH CONTRACTOR INSTALLATION OF BLOCKING.
 - PROVIDE FINISHED ENDS/SIDES OF ALL EXPOSED END CABINETS.

- CODED NOTES - INTERIOR ELEVATIONS**
- SCHEDULED WALL BASE
 - ACOUSTIC CEILING BAFFLES, REFER TO RCP
 - DIMENSIONAL LETTERING: CML TO PROVIDE
 - TO BE PURCHASED AS PART OF THE FFE PACKAGE - PROVIDE BLOCKING AND MAINTAIN CLEAR WALL SPACE WHERE SHOWN.
 - SOLID SURFACE WALL PANEL BEHIND HAND DRYER TO BE INSTALLED FLUSH WITH WALL TILE, ALIGNED TO GROUT LINES.
 - SOLID SURFACE BOOK DISPLAY RAIL. REFER TO TYPICAL CASEWORK DETAIL 3 / A851
 - WALL MOUNTED TABLET
 - PROVIDE SOLID SURFACE PANEL BEHIND HAND DRYER DOWN TO COUNTER, INSTALL FLUSH WITH TILE, ALIGN TOP OF SOLID SURFACE PANEL TO GROUT LINE.
 - LIGHT FIXTURE, REFER TO LIGHTING PLAN

GLAZING LEGEND

	GL-1 INTERIOR GLAZING (CLEAR)
	GL-1A INTERIOR GLAZING (CLEAR TEMPERED)

#	DATE	CHANGE DESCRIPTION

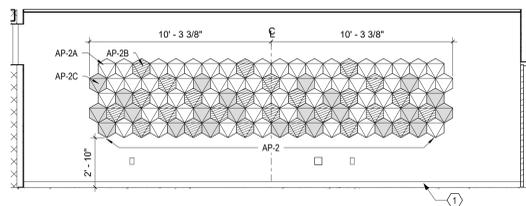
CML LINDEN BRANCH
2223 CLEVELAND AVE
COLUMBUS, OH 43211
FOR
COLUMBUS METROPOLITAN LIBRARY

300 SPRUCE STREET
SUITE 300
COLUMBUS, OHIO 43215
PHONE: (614) 461-4664
FAX: (614) 280-8881

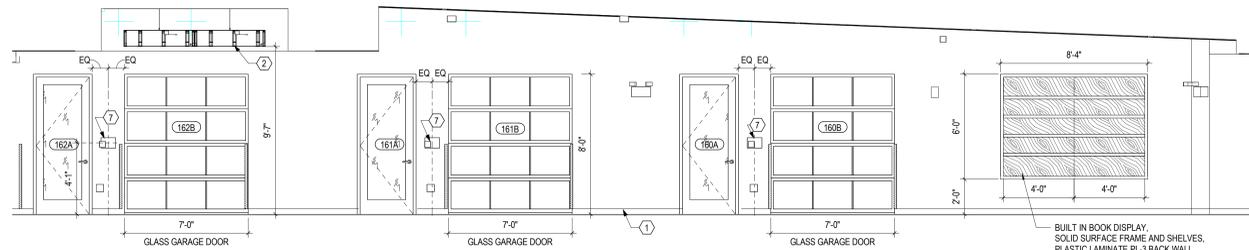
MOODY-NOLAN
DRAWING TITLE:
INTERIOR ELEVATIONS

NOVEMBER 21, 2023
DRAWN BY: LM CHECKED BY: BL
Proj. # 21507.02
A820
PERMIT SET

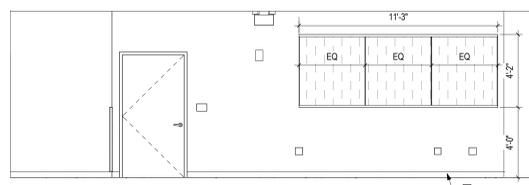
JONATHAN D. MOODY, LIC. #1215709
REGISTERED ARCHITECT
EXP. DATE: 12/31/2023



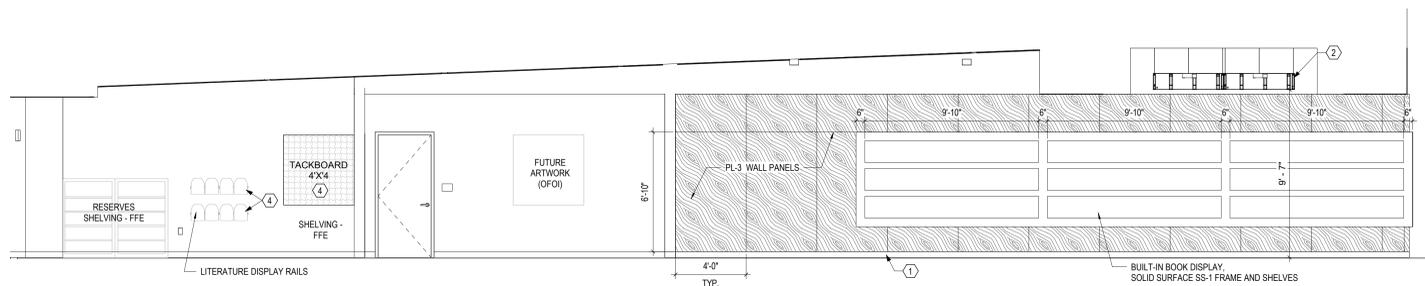
20 ELEVATION QUIET ROOM 110
1/4" = 1'-0"



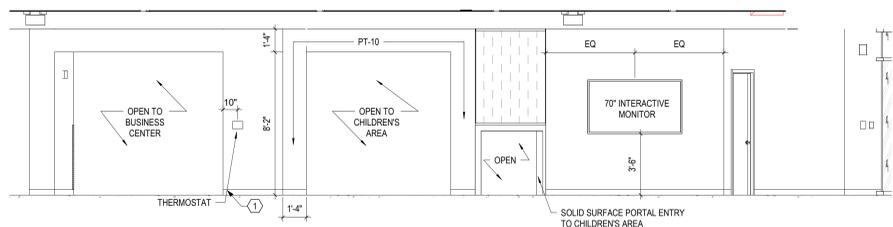
12 ELEVATION COLLECTION 150 - MEETING ROOMS
1/4" = 1'-0"



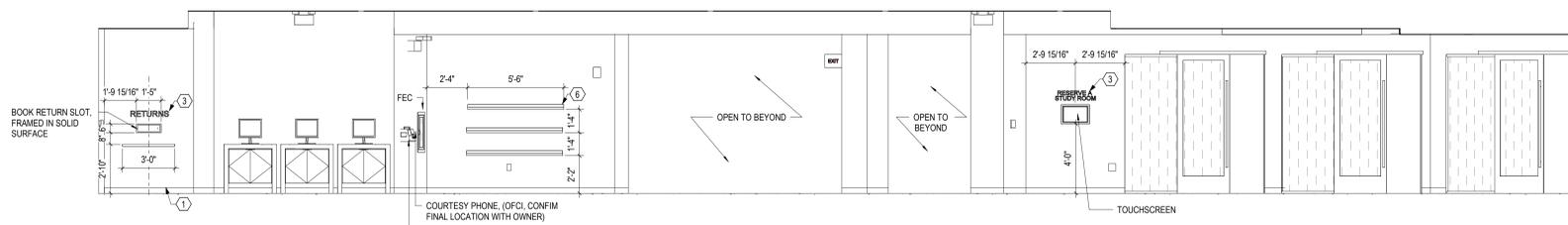
19 ELEVATION COMPUTERS 112
1/4" = 1'-0"



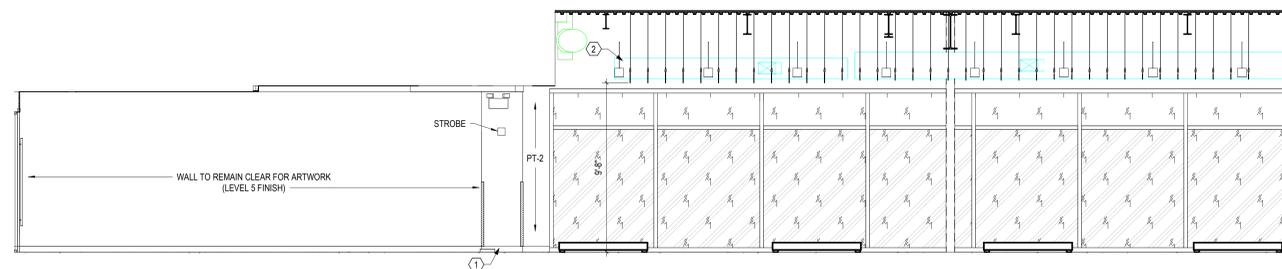
11 ELEVATION COLLECTION 150 - DISPLAY
1/4" = 1'-0"



22 ELEVATION WELCOME 120 - SOUTH
1/4" = 1'-0" REF: 1 / A850



10 ELEVATION WELCOME 120 - NORTH
1/4" = 1'-0"

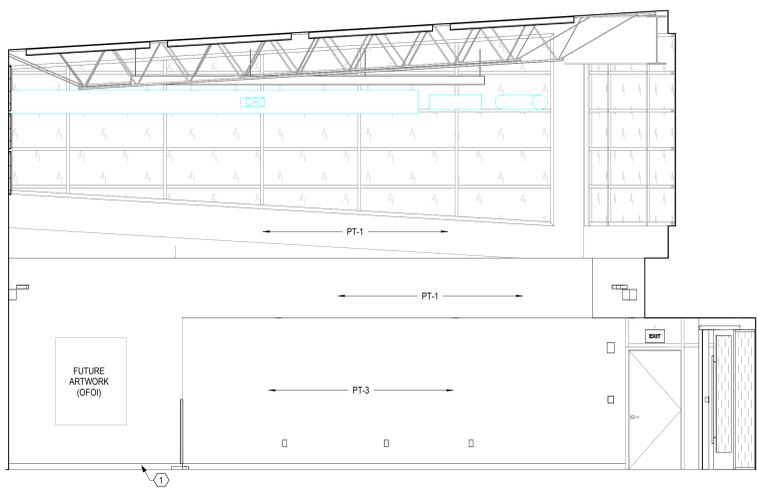


21 ELEVATION COMPUTERS 112
1/4" = 1'-0"

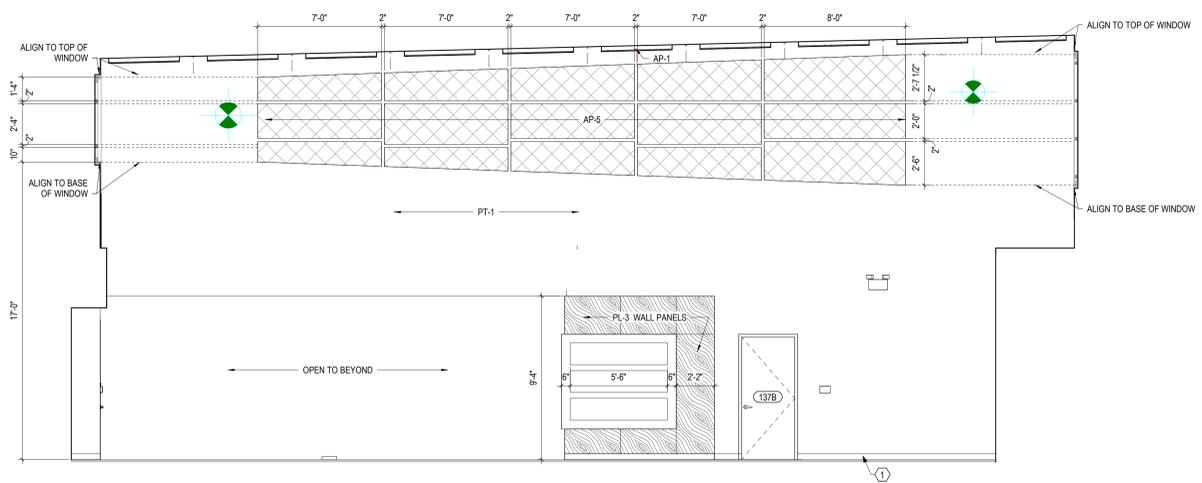
GEN. NOTES - INTERIOR ELEVATIONS		# CODED NOTES - INTERIOR ELEVATIONS		#	DATE	CHANGE DESCRIPTION
1.	ALL DIMENSIONS ARE TO FACE OF WALL (UNLESS NOTED OTHERWISE).	1.	SCHEDULED WALL BASE			
2.	SEE FINISH PLANS AND LEGEND FOR ADDITIONAL INFORMATION OF LOCATIONS AND TYPES OF FINISH MATERIALS.	2.	ACOUSTIC CEILING BAFFLES, REFER TO RCP			
3.	ALL MOUNTING HEIGHTS ARE ABOVE FINISHED FLOOR (AFF). SEE SHEET A810.	3.	DIMENSIONAL LETTERING: CML TO PROVIDE			
4.	REFER TO PME DRAWINGS FOR OTHER REQUIREMENTS NOT SHOWN ON INTERIOR ELEVATIONS. NOTIFY ARCHITECT OF DISCREPANCIES FOR CLARIFICATION.	4.	TO BE PURCHASED AS PART OF THE FFE PACKAGE - PROVIDE BLOCKING AND MAINTAIN CLEAR WALL SPACE WHERE SHOWN.			
5.	PROVIDE BLIND CABINETS WHERE APPLICABLE.	5.	SOLID SURFACE WALL PANEL BEHIND HAND DRYER TO BE INSTALLED FLUSH WITH WALL TILE, ALIGNED TO GROUT LINES.			
6.	CONTRACTOR TO PROVIDE BLOCKING IN WALL AS REQUIRED FOR ALL OWNER FURNISHED WALL MOUNTED EQUIPMENT AND ACCESSORIES. COORDINATE FINAL LOCATION WITH OWNER.	6.	SOLID SURFACE BOOK DISPLAY RAIL. REFER TO TYPICAL CASEWORK DETAIL 3 / A851.			
7.	PROVIDE SCRIBES / FILLERS BETWEEN ALL WALLS AND CABINET ENDS, U.N.O. PROVIDE MINIMUM 2" FILLERS BETWEEN THE CORNER CABINETS IN AN "L" SHAPE CONFIGURATION.	7.	WALL MOUNTED TABLET			
8.	PROVIDE CORNER CLOSURE PIECE UNDER THE WALL CABINETS IN AN "L" SHAPE CONFIGURATION.	8.	PROVIDE SOLID SURFACE PANEL BEHIND HAND DRYER DOWN TO COUNTER, INSTALL FLUSH WITH TILE, ALIGN TOP OF SOLID SURFACE PANEL TO GROUT LINE.			
9.	WALL BASE AND WALL FINISH ARE TO EXTEND BEHIND EQUIPMENT	9.	LIGHT FIXTURE, REFER TO LIGHTING PLAN			
10.	COORDINATE LOCATIONS OF GROMMETS WHERE NECESSARY FOR COMPUTER CORDS WITH OWNER, U.N.O.					
11.	CASEWORK MANUFACTURER SHALL VERIFY/MEASURE ALL FIELD CONDITIONS PRIOR TO FABRICATION OF CASEWORK / COUNTERTOPS. ANY ALTERATION TO CASEWORK REQUIRES AS A RESULT OF FIELD CONDITIONS SHALL BE APPROVED BY THE ARCHITECT AND OWNER PRIOR TO FABRICATION OR INSTALLATION. CASEWORK MANUFACTURER SHALL COORDINATE WITH CONTRACTOR INSTALLATION OF BLOCKING.					
12.	PROVIDE FINISHED ENDS/SIDES OF ALL EXPOSED END CABINETS.					

GLAZING LEGEND	
	GL-1 INTERIOR GLAZING (CLEAR)
	GL-1A INTERIOR GLAZING (CLEAR TEMPERED)

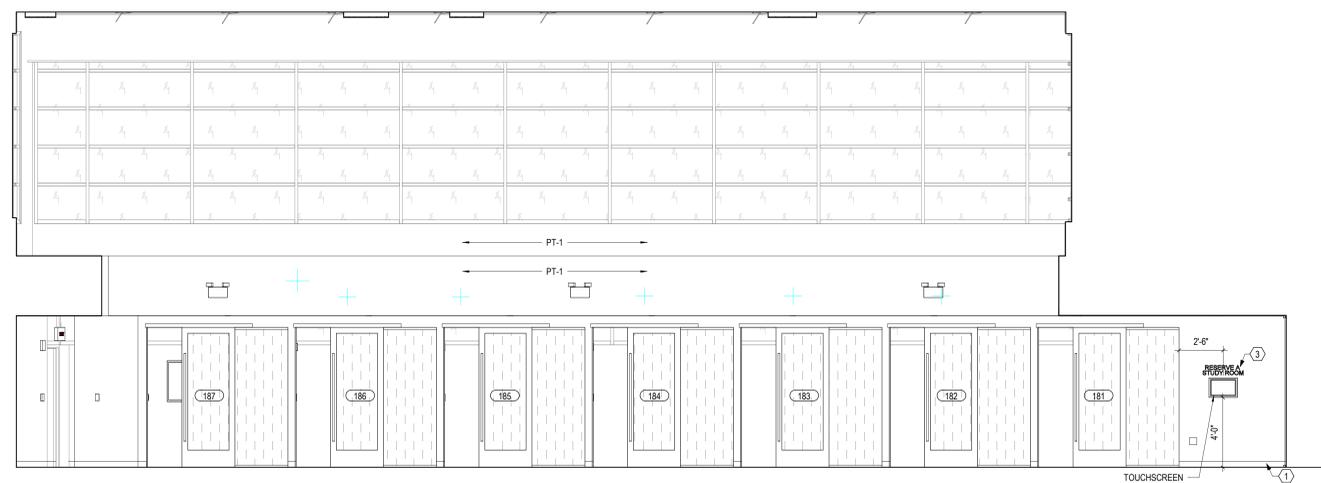
CML LINDEN BRANCH 2223 CLEVELAND AVE COLUMBUS, OH 43211 FOR COLUMBUS METROPOLITAN LIBRARY	
300 SPRUCE STREET SUITE 300 COLUMBUS, OHIO 43215 PHONE: (614) 461-4664 FAX: (614) 280-8881	
DRAWING TITLE: INTERIOR ELEVATIONS	
NOVEMBER 21, 2023 DRAWN BY: LM CHECKED BY: BL Proj. # 21507.02 A821 PERMIT SET	



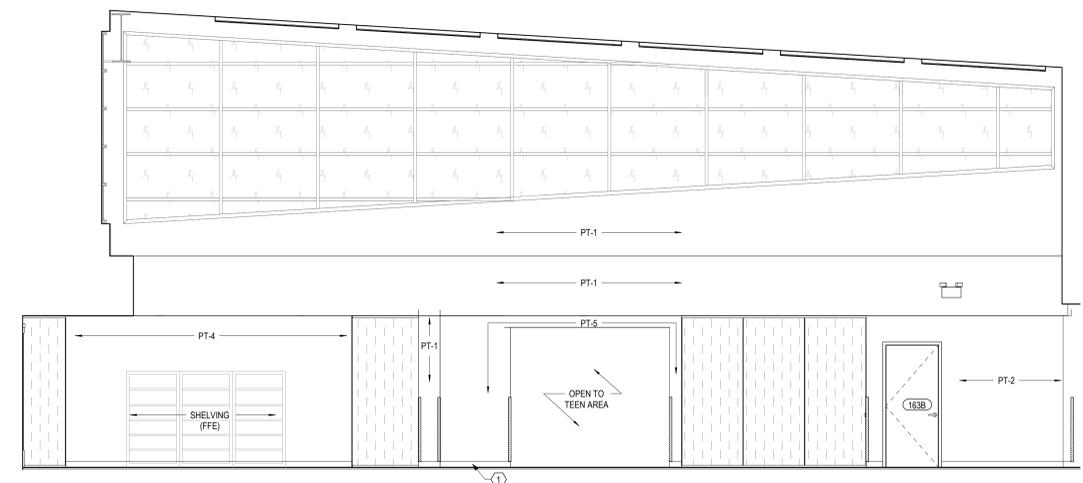
2 ELEVATION COLLECTION 150 - WEST
1/4" = 1'-0"



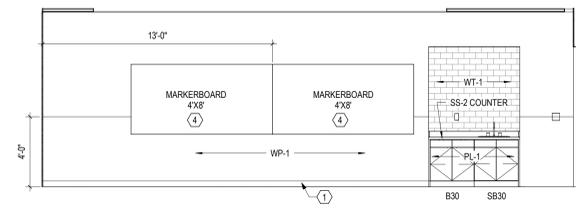
7 ELEVATION COLLECTION 150 - SOUTH
1/4" = 1'-0"



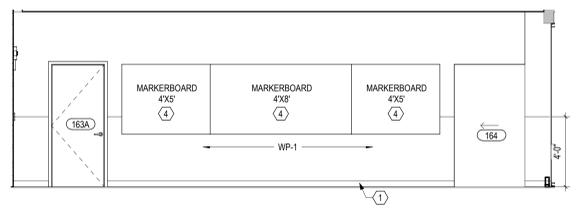
22 ELEVATION COLLECTION 150 - NORTH
1/4" = 1'-0"



6 ELEVATION COLLECTION 150 - EAST
1/4" = 1'-0"



21 ELEVATION MULTIPURPOSE ROOM 160
1/4" = 1'-0"



13 ELEVATION MEETING ROOM 162
1/4" = 1'-0"

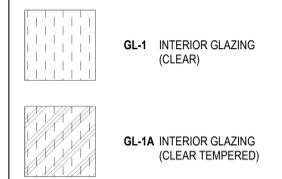
GEN. NOTES - INTERIOR ELEVATIONS

- ALL DIMENSIONS ARE TO FACE OF WALL (UNLESS NOTED OTHERWISE).
- SEE FINISH PLANS AND LEGEND FOR ADDITIONAL INFORMATION OF LOCATIONS AND TYPES OF FINISH MATERIALS.
- ALL MOUNTING HEIGHTS ARE ABOVE FINISHED FLOOR (AFF). SEE SHEET A810.
- REFER TO PME DRAWINGS FOR OTHER REQUIREMENTS NOT SHOWN ON INTERIOR ELEVATIONS. NOTIFY ARCHITECT OF DISCREPANCIES FOR CLARIFICATION.
- PROVIDE BLIND CABINETS WHERE APPLICABLE.
- CONTRACTOR TO PROVIDE BLOCKING IN WALL AS REQUIRED FOR ALL OWNER FURNISHED WALL MOUNTED EQUIPMENT AND ACCESSORIES. COORDINATE FINAL LOCATION WITH OWNER.
- PROVIDE SCRIBES / FILLERS BETWEEN ALL WALLS AND CABINET ENDS, U.N.O. PROVIDE MINIMUM 2" FILLERS BETWEEN THE CORNER CABINETS IN AN "L" SHAPE CONFIGURATION.
- PROVIDE CORNER CLOSURE PIECE UNDER THE WALL CABINETS IN AN "L" SHAPE CONFIGURATION.
- WALL BASE AND WALL FINISH ARE TO EXTEND BEHIND EQUIPMENT
- COORDINATE LOCATIONS OF GROMMETS WHERE NECESSARY FOR COMPUTER CORDS WITH OWNER, U.N.O.
- CASEWORK MANUFACTURER SHALL VERIFY/MEASURE ALL FIELD CONDITIONS PRIOR TO FABRICATION OF CASEWORK / COUNTERTOPS. ANY ALTERATION TO CASEWORK REQUIRES AS A RESULT OF FIELD CONDITIONS SHALL BE APPROVED BY THE ARCHITECT AND OWNER PRIOR TO FABRICATION OR INSTALLATION. CASEWORK MANUFACTURER SHALL COORDINATE WITH CONTRACTOR INSTALLATION OF BLOCKING.
- PROVIDE FINISHED ENDS/SIDES OF ALL EXPOSED END CABINETS.

CODED NOTES - INTERIOR ELEVATIONS

- SCHEDULED WALL BASE
- ACOUSTIC CEILING BAFFLES, REFER TO RCP
- DIMENSIONAL LETTERING: CML TO PROVIDE
- TO BE PURCHASED AS PART OF THE FFE PACKAGE - PROVIDE BLOCKING AND MAINTAIN CLEAR WALL SPACE WHERE SHOWN.
- SOLID SURFACE WALL PANEL BEHIND HAND DRYER TO BE INSTALLED FLUSH WITH WALL TILE, ALIGNED TO GROUT LINES.
- SOLID SURFACE BOOK DISPLAY RAIL. REFER TO TYPICAL CASEWORK DETAIL 3 / A851
- WALL MOUNTED TABLET
- PROVIDE SOLID SURFACE PANEL BEHIND HAND DRYER DOWN TO COUNTER, INSTALL FLUSH WITH TILE, ALIGN TOP OF SOLID SURFACE PANEL TO GROUT LINE.
- LIGHT FIXTURE, REFER TO LIGHTING PLAN

GLAZING LEGEND



#	DATE	CHANGE DESCRIPTION

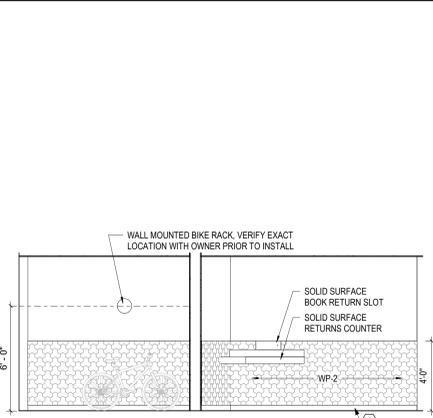
CML LINDEN BRANCH
2223 CLEVELAND AVE
COLUMBUS, OH 43211
FOR
COLUMBUS METROPOLITAN LIBRARY

300 SPRUCE STREET
SUITE 300
COLUMBUS, OHIO 43215
PHONE: (614) 461-4664
FAX: (614) 280-8881

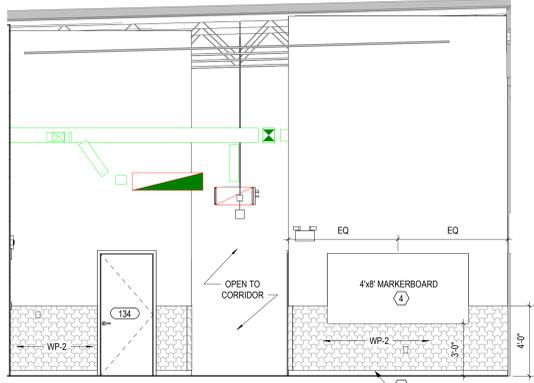
DRAWING TITLE:
INTERIOR ELEVATIONS

NOVEMBER 21, 2023
DRAWN BY: LM CHECKED BY: BL
Proj. # 21507.02
A822
PERMIT SET

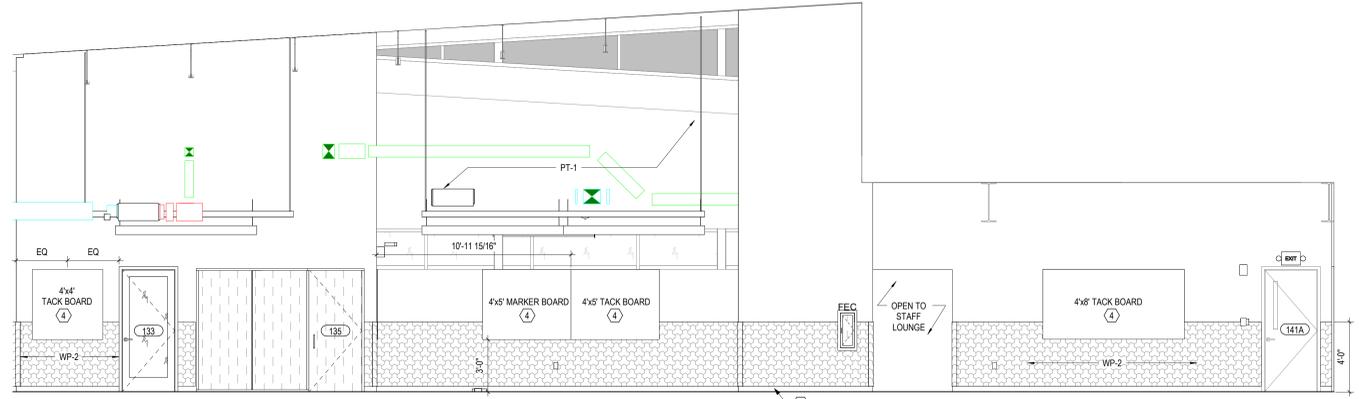
JONATHAN D. MOODY, LIC. #1215709
EXP. DATE: 12/31/2023



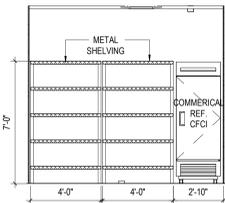
24 ELEVATION STAFF - RECEIVING 130
1/4" = 1'-0"



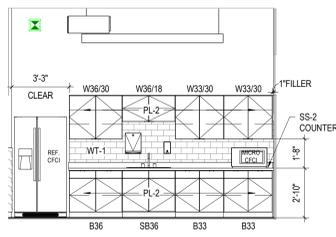
20 ELEVATION Staff Workspace 137
1/4" = 1'-0"



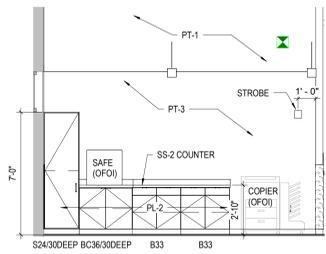
12 ELEVATION STAFF WORKSPACE 137 WEST
1/4" = 1'-0"



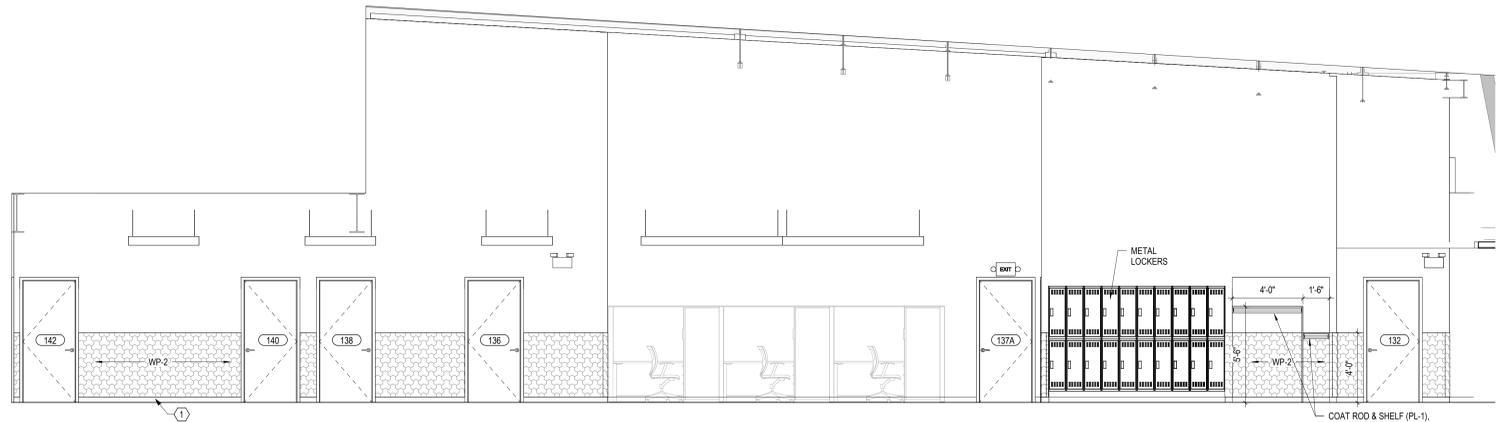
23 ELEVATION KITCHENETTE 163
1/4" = 1'-0"



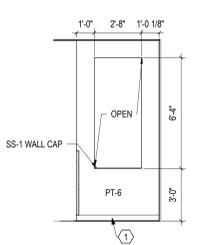
19 ELEVATION STAFF LOUNGE 139 SOUTH
1/4" = 1'-0"



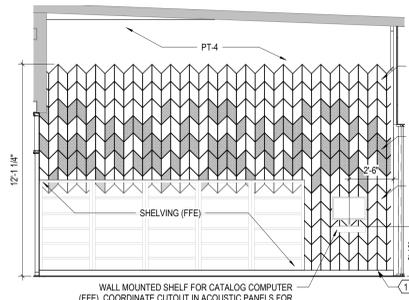
15 ELEVATION STAFF WORKSPACE 137 NORTH
1/4" = 1'-0"



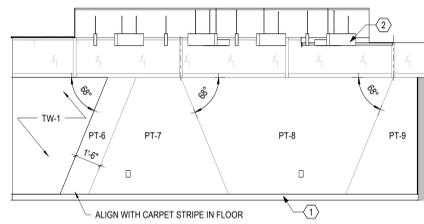
11 ELEVATION STAFF WORKSPACE 137 EAST
1/4" = 1'-0"



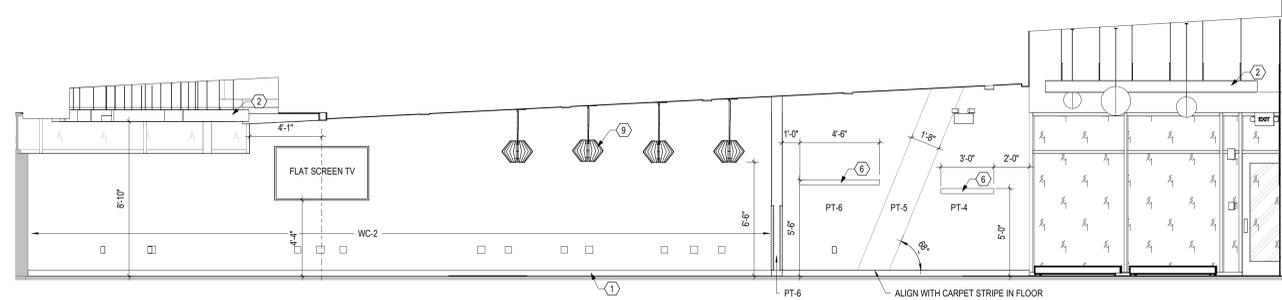
22 ELEVATION TEENS 170 - END WALL
1/4" = 1'-0"



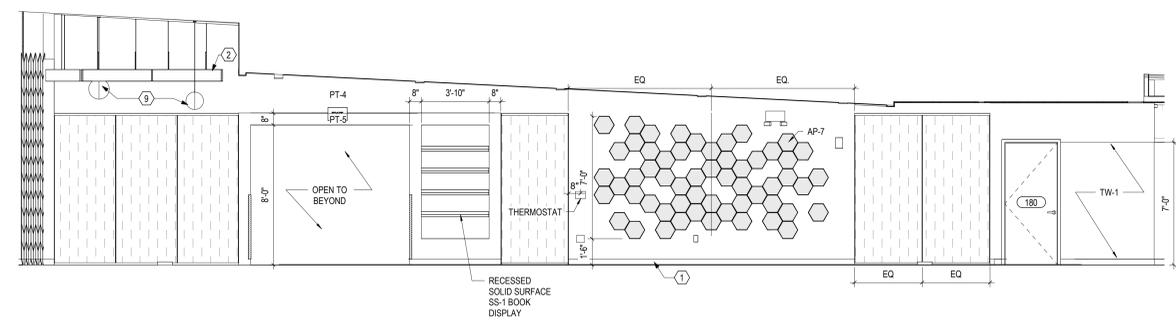
18 ELEVATION TEENS 170 SOUTH
1/4" = 1'-0"



14 ELEVATION TEENS 170 NORTH
1/4" = 1'-0"



6 ELEVATION TEENS 170 EAST
1/4" = 1'-0"



21 ELEVATION TEENS 170 WEST
1/4" = 1'-0"

GEN. NOTES - INTERIOR ELEVATIONS

- ALL DIMENSIONS ARE TO FACE OF WALL (UNLESS NOTED OTHERWISE).
- SEE FINISH PLANS AND LEGEND FOR ADDITIONAL INFORMATION OF LOCATIONS AND TYPES OF FINISH MATERIALS.
- ALL MOUNTING HEIGHTS ARE ABOVE FINISHED FLOOR (AFF). SEE SHEET A810.
- REFER TO PME DRAWINGS FOR OTHER REQUIREMENTS NOT SHOWN ON INTERIOR ELEVATIONS. NOTIFY ARCHITECT OF DISCREPANCIES FOR CLARIFICATION.
- PROVIDE BLIND CABINETS WHERE APPLICABLE.
- CONTRACTOR TO PROVIDE BLOCKING IN WALL AS REQUIRED FOR ALL OWNER FURNISHED WALL MOUNTED EQUIPMENT AND ACCESSORIES. COORDINATE FINAL LOCATION WITH OWNER.
- PROVIDE SCRIBES / FILLERS BETWEEN ALL WALLS AND CABINET ENDS, U.N.O. PROVIDE MINIMUM 2" FILLERS BETWEEN THE CORNER CABINETS IN AN "L" SHAPE CONFIGURATION.
- PROVIDE CORNER CLOSURE PIECE UNDER THE WALL CABINETS IN AN "L" SHAPE CONFIGURATION.
- WALL BASE AND WALL FINISH ARE TO EXTEND BEHIND EQUIPMENT
- COORDINATE LOCATIONS OF GROMMETS WHERE NECESSARY FOR COMPUTER CORDS WITH OWNER, U.N.O.
- CASEWORK MANUFACTURER SHALL VERIFY MEASURE ALL FIELD CONDITIONS PRIOR TO FABRICATION OF CASEWORK / COUNTERTOPS. ANY ALTERATION TO CASEWORK REQUIRES AS A RESULT OF FIELD CONDITIONS SHALL BE APPROVED BY THE ARCHITECT AND OWNER PRIOR TO FABRICATION OR INSTALLATION. CASEWORK MANUFACTURER SHALL COORDINATE WITH CONTRACTOR INSTALLATION OF BLOCKING.
- PROVIDE FINISHED ENDS/SIDES OF ALL EXPOSED END CABINETS.

CODED NOTES - INTERIOR ELEVATIONS

- SCHEDULED WALL BASE
- ACOUSTIC CEILING BAFFLES, REFER TO RCP
- DIMENSIONAL LETTERING: CML TO PROVIDE
- TO BE PURCHASED AS PART OF THE FFE PACKAGE - PROVIDE BLOCKING AND MAINTAIN CLEAR WALL SPACE WHERE SHOWN.
- SOLID SURFACE WALL PANEL BEHIND HAND DRYER TO BE INSTALLED FLUSH WITH WALL TILE, ALIGNED TO GROUT LINES.
- SOLID SURFACE BOOK DISPLAY RAIL, REFER TO TYPICAL CASEWORK DETAIL 3 / A851
- WALL MOUNTED TABLET
- PROVIDE SOLID SURFACE PANEL BEHIND HAND DRYER DOWN TO COUNTER, INSTALL FLUSH WITH TILE, ALIGN TOP OF SOLID SURFACE PANEL TO GROUT LINE.
- LIGHT FIXTURE, REFER TO LIGHTING PLAN

GLAZING LEGEND

- GL-1 INTERIOR GLAZING (CLEAR)
- GL-1A INTERIOR GLAZING (CLEAR TEMPERED)

#	DATE	CHANGE DESCRIPTION

CML LINDEN BRANCH
2223 CLEVELAND AVE
COLUMBUS, OH 43211
FOR
COLUMBUS METROPOLITAN LIBRARY

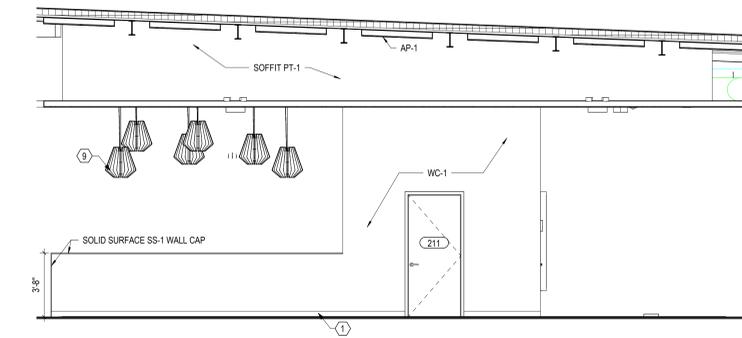
300 SPRUCE STREET
SUITE 300
COLUMBUS, OHIO 43215
PHONE: (614) 461-4664
FAX: (614) 280-8881

MOODY-NOLAN
DRAWING TITLE:

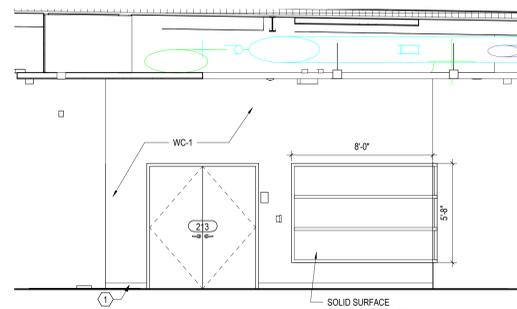
INTERIOR ELEVATIONS

NOVEMBER 21, 2023
DRAWN BY: LM CHECKED BY: BL
Proj. # 21507.02
A823
PERMIT SET

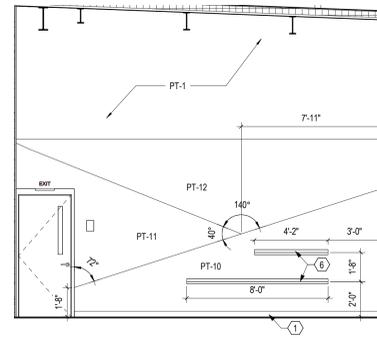
JONATHAN D. MOODY, LIC. #1215709
REGISTERED ARCHITECT
EXP. DATE: 12/31/2023



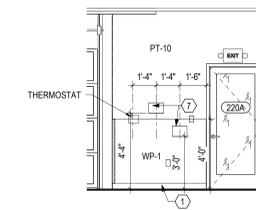
24 ELEVATION CHILDRENS 210 AT STAIR
1/4" = 1'-0"



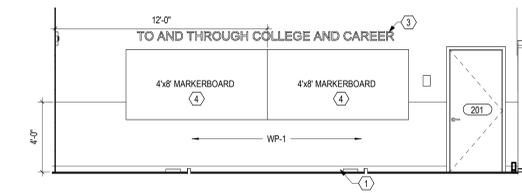
16 ELEVATION CHILDRENS 210
1/4" = 1'-0"



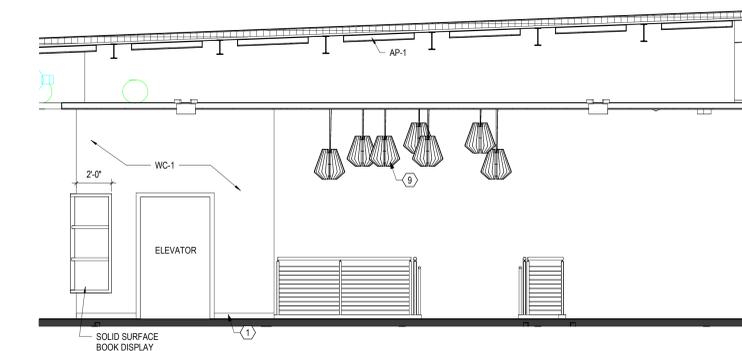
12 ELEVATION CHILDRENS 210
1/4" = 1'-0"



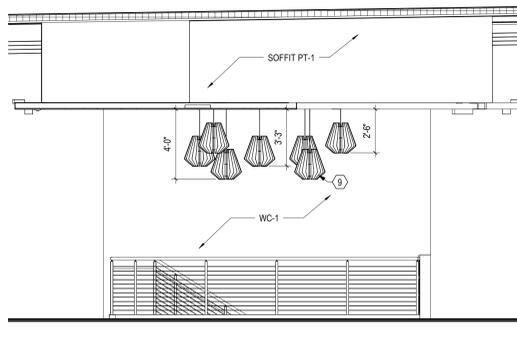
8 ELEVATION SCHOOL HELP CENTER 220 E
1/4" = 1'-0"



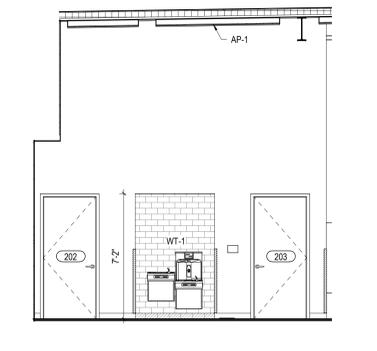
4 ELEVATION SCHOOL HELP CENTER 220 SOUTH
1/4" = 1'-0"



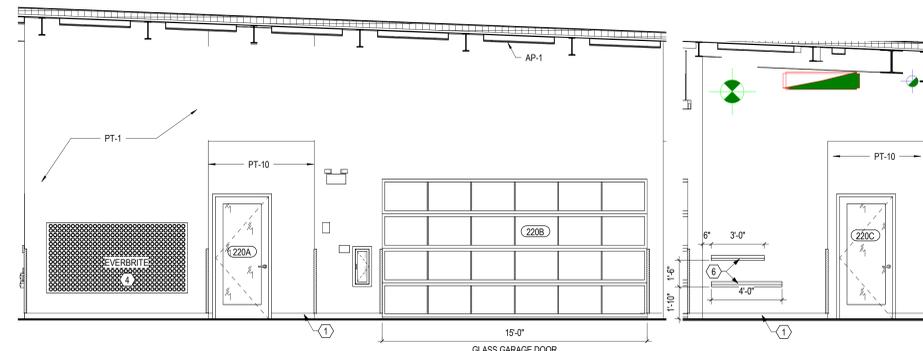
23 ELEVATION CHILDRENS 210 AT ELEVATOR STAIR
1/4" = 1'-0"



15 ELEVATION CHILDRENS 210 AT STAIR
1/4" = 1'-0"

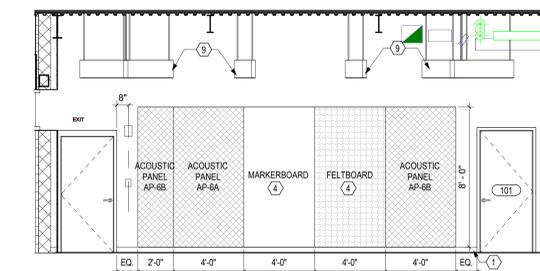


11 ELEVATION CHILDRENS 210 DRINKING FOUNTAIN
1/4" = 1'-0"

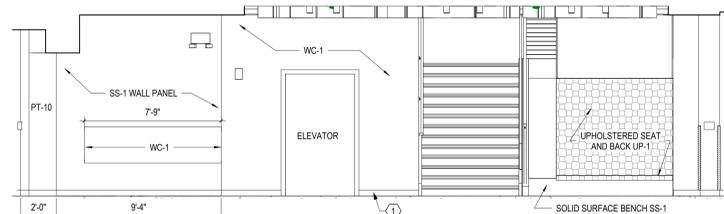


7 ELEVATION CHILDRENS 210 WEST
1/4" = 1'-0"

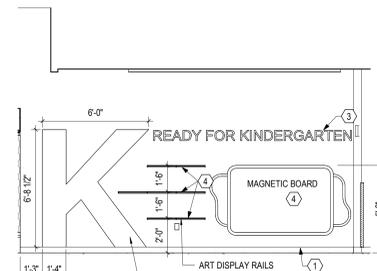
3 ELEVATION CHILDRENS 210 WEST
1/4" = 1'-0"



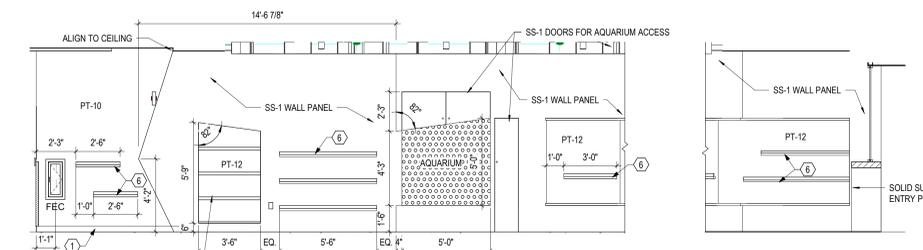
22 ELEVATION CHILDRENS 100 PROGRAM SPACE WEST
1/4" = 1'-0"



18 ELEVATION CHILDRENS 100 ENTRY EAST
REF: 1 / A850

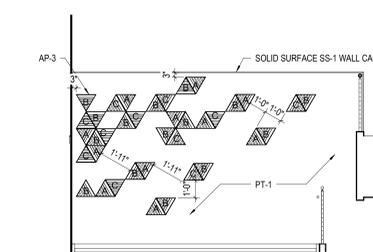


10 ELEVATION CHILDRENS 100 ENTRY EAST
1/4" = 1'-0"

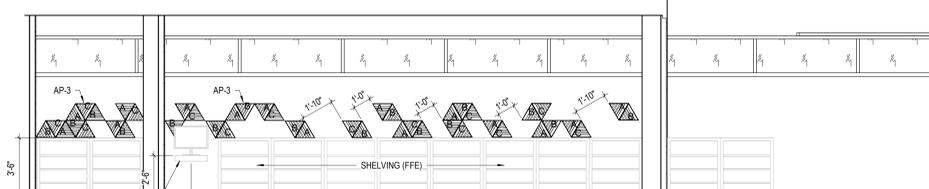


6 ELEVATION CHILDRENS 100 ENTRY WEST
1/4" = 1'-0"

2 ELEVATION CHILDRENS ENTRY WEST
REF: 1 / A850



21 ELEVATION MONUMENTAL STAIR LANDING
1/4" = 1'-0"

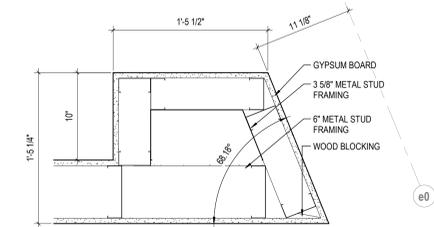


17 ELEVATION CHILDRENS 100 SOUTH
1/4" = 1'-0"

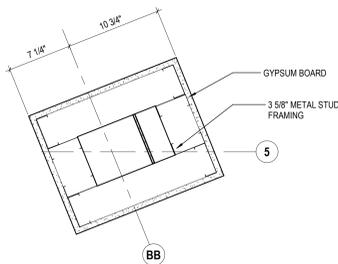
GEN. NOTES - INTERIOR ELEVATIONS		CODED NOTES - INTERIOR ELEVATIONS		# DATE CHANGE DESCRIPTION	
1.	ALL DIMENSIONS ARE TO FACE OF WALL (UNLESS NOTED OTHERWISE).	1.	SCHEDULED WALL BASE		
2.	SEE FINISH PLANS AND LEGEND FOR ADDITIONAL INFORMATION OF LOCATIONS AND TYPES OF FINISH MATERIALS.	2.	ACOUSTIC CEILING BAFFLES, REFER TO RCP		
3.	ALL MOUNTING HEIGHTS ARE ABOVE FINISHED FLOOR (AFF). SEE SHEET A810.	3.	DIMENSIONAL LETTERING: CML TO PROVIDE		
4.	REFER TO PME DRAWINGS FOR OTHER REQUIREMENTS NOT SHOWN ON INTERIOR ELEVATIONS. NOTIFY ARCHITECT OF DISCREPANCIES FOR CLARIFICATION.	4.	TO BE PURCHASED AS PART OF THE FFE PACKAGE - PROVIDE BLOCKING AND MAINTAIN CLEAR WALL SPACE WHERE SHOWN.		
5.	PROVIDE BLIND CABINETS WHERE APPLICABLE.	5.	SOLID SURFACE WALL PANEL BEHIND HAND DRYER TO BE INSTALLED FLUSH WITH WALL TILE, ALIGNED TO GROUT LINES.		
6.	CONTRACTOR TO PROVIDE BLOCKING IN WALL AS REQUIRED FOR ALL OWNER FURNISHED WALL MOUNTED EQUIPMENT AND ACCESSORIES. COORDINATE FINAL LOCATION WITH OWNER.	6.	SOLID SURFACE BOOK DISPLAY RAIL REFER TO TYPICAL CASEWORK DETAIL 3 / A851		
7.	PROVIDE SCRIBES / FILLERS BETWEEN ALL WALLS AND CABINET ENDS, U.N.O. PROVIDE MINIMUM 2" FILLERS BETWEEN THE CORNER CABINETS IN AN "L" SHAPE CONFIGURATION.	7.	WALL MOUNTED TABLET		
8.	PROVIDE CORNER CLOSURE PIECE UNDER THE WALL CABINETS IN AN "L" SHAPE CONFIGURATION.	8.	PROVIDE SOLID SURFACE PANEL BEHIND HAND DRYER DOWN TO COUNTER, INSTALL FLUSH WITH TILE, ALIGN TOP OF SOLID SURFACE PANEL TO GROUT LINE.		
9.	WALL BASE AND WALL FINISH ARE TO EXTEND BEHIND EQUIPMENT	9.	LIGHT FIXTURE, REFER TO LIGHTING PLAN		
10.	COORDINATE LOCATIONS OF GROMMETS WHERE NECESSARY FOR COMPUTER CORDS WITH OWNER, U.N.O.				
11.	CASEWORK MANUFACTURER SHALL VERIFY/MEASURE ALL FIELD CONDITIONS PRIOR TO FABRICATION OF CASEWORK / COUNTERTOPS. ANY ALTERATION TO CASEWORK REQUIRES AS A RESULT OF FIELD CONDITIONS SHALL BE APPROVED BY THE ARCHITECT AND OWNER PRIOR TO FABRICATION OR INSTALLATION. CASEWORK MANUFACTURER SHALL COORDINATE WITH CONTRACTOR INSTALLATION OF BLOCKING.				
12.	PROVIDE FINISHED ENDS/SIDES OF ALL EXPOSED END CABINETS.				

GLAZING LEGEND	
	GL-1 INTERIOR GLAZING (CLEAR)
	GL-1A INTERIOR GLAZING (CLEAR TEMPERED)

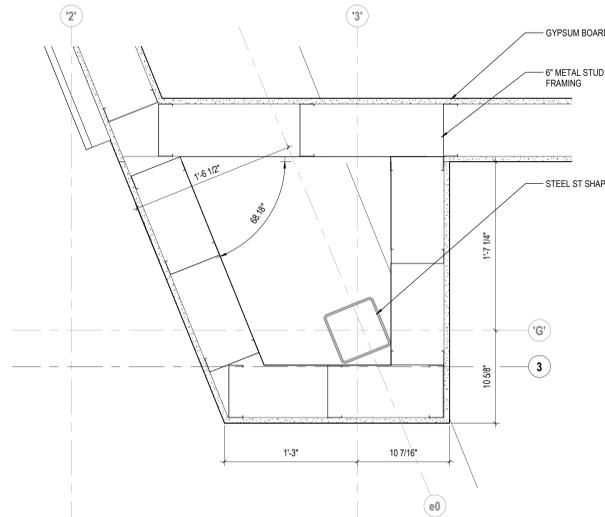
INTERIOR ELEVATIONS	
	NOVEMBER 21, 2023
JONATHAN D. MOODY, LIC. #1215709	DRAWN BY: LM CHECKED BY: BL
	Proj. # 21507.02
	A824
	PERMIT SET



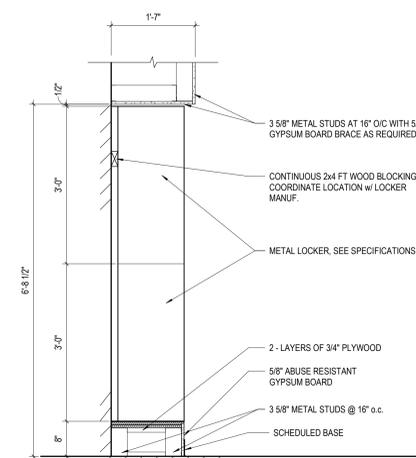
17 DETAIL PILASTER FRAMING - RECEIVING
1 1/2" = 1'-0" REF: 1 / A101



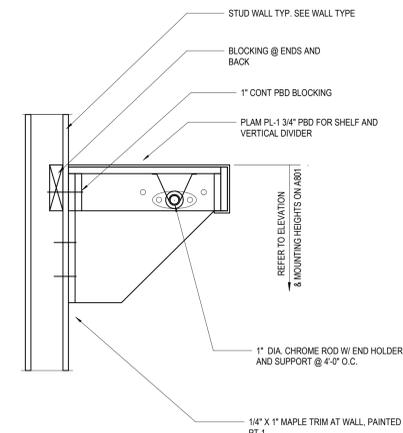
13 DETAIL PLAN DETAIL
1 1/2" = 1'-0" REF: 1 / A101



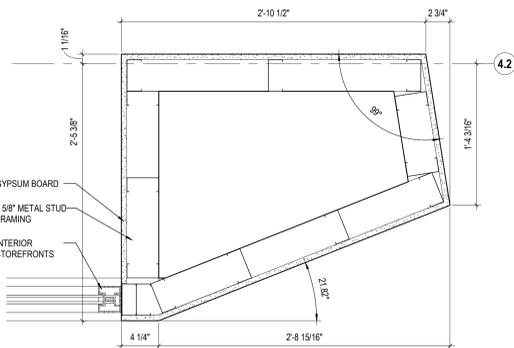
9 DETAIL PILASTER @ COL LINE 3-G
1 1/2" = 1'-0" REF: 1 / A101



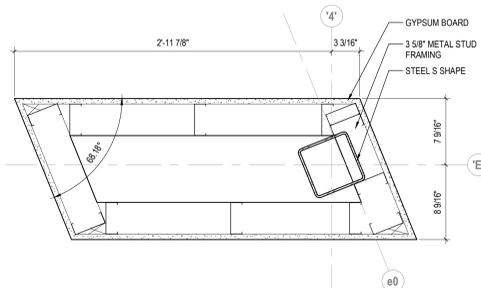
4 DETAIL STAFF LOCKERS
3/4" = 1'-0"



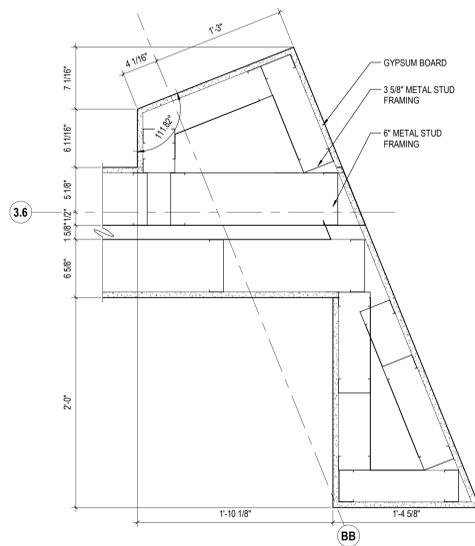
2 DETAIL COAT ROD & SHELF
1 1/2" = 1'-0"



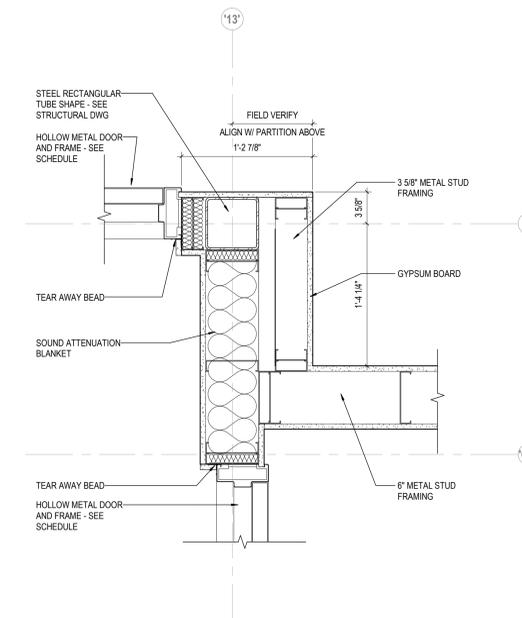
16 DETAIL BUSINESS CENTER R
1 1/2" = 1'-0" REF: 1 / A101



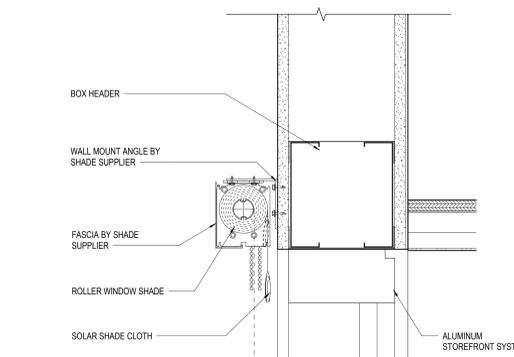
8 DETAIL DETAIL
1 1/2" = 1'-0" REF: 1 / A101



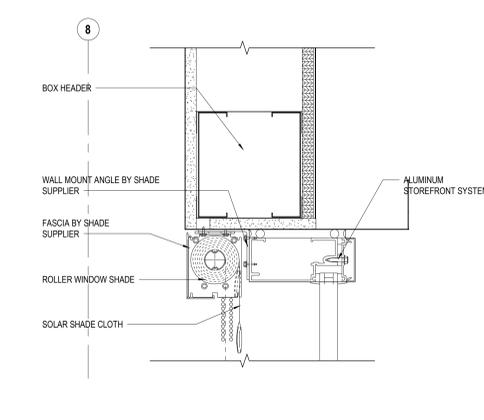
3 DETAIL DETAIL
1 1/2" = 1'-0" REF: 1 / A101



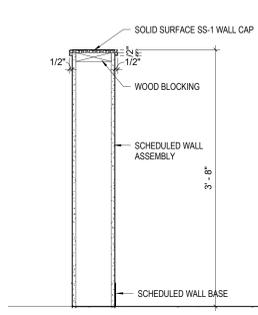
1 DETAIL PARTITION @ CLEARSTORY
1 1/2" = 1'-0" REF: 1 / A101



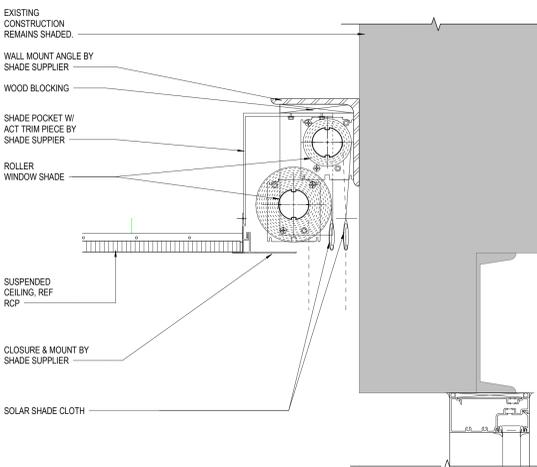
15 DETAIL MOTORIZED - POCKET
3" = 1'-0" REF: 1 / A3.10a



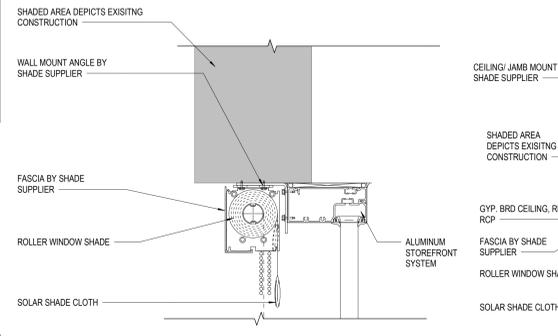
11 DETAIL WALL MOUNTED SINGLE SHADE - MOTORIZED
3" = 1'-0" REF: 1 / A3.10a



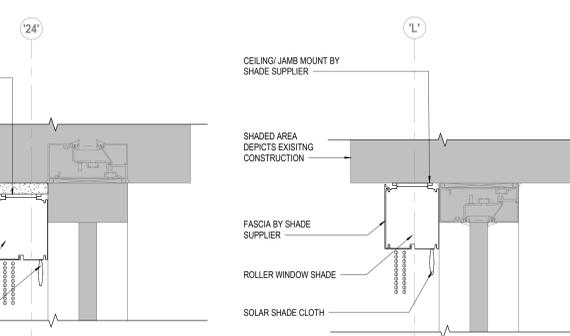
7 DETAIL PARTIAL HEIGHT WALL
1" = 1'-0" REF: 1 / A3.10a



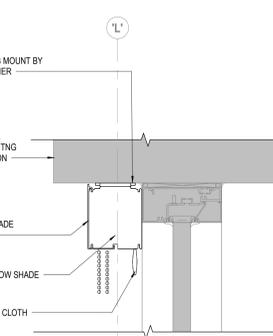
14 DETAIL MOTORIZED DUALROLLER - POCKET
3" = 1'-0" REF: 1 / A3.10a



10 DETAIL MOTORIZED SHADE - AGAINST MULLION
3" = 1'-0" REF: 5 / A711



6 DETAIL MOTORIZED - URBAN SHADE
3" = 1'-0" REF: 2 / A3.10a



5 DETAIL MANUAL - URBAN SHADE
3" = 1'-0" REF: 1 / A3.10a

GENERAL NOTES - INTERIOR DETAILS		KEYNOTE LEGEND		#	DATE	CHANGE DESCRIPTION
1.	X	KEY VALUE	KEYNOTE TEXT			
		05 12 00 A7	STEEL S SHAPE			
		05 12 00 A8	STEEL ST SHAPE			
		05 12 00 C1	STEEL RECTANGULAR TUBE SHAPE - SEE STRUCTURAL DWG			
		05 10 00 A1	WOOD BLOCKING			
		07 21 00 N1	SOUND ATTENUATION BLANKET			
		08 11 13 A1	HOLLOW METAL DOOR AND FRAME - SEE SCHEDULE			
		08 43 00	INTERIOR STOREFRONTS			
		09 21 16 A4	3/8" METAL STUD FRAMING			
		09 21 16 A6	6" METAL STUD FRAMING			
		09 21 16 M1	GYPSUM BOARD			
		09 21 16 P7	TEAR AWAY BEAD			
CODED NOTES - INTERIOR DETAILS						
1.	X					

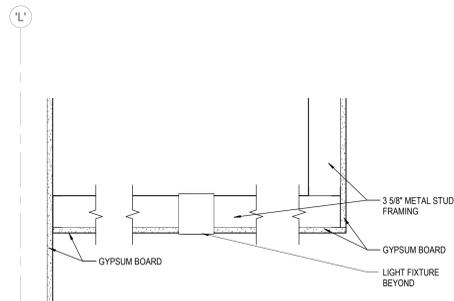
CML LINDEN BRANCH
2223 CLEVELAND AVE
COLUMBUS, OH 43211
FOR
COLUMBUS METROPOLITAN LIBRARY

300 SPRUCE STREET
SUITE 300
COLUMBUS, OHIO 43215
PHONE: (614) 461-4664
FAX: (614) 280-8881

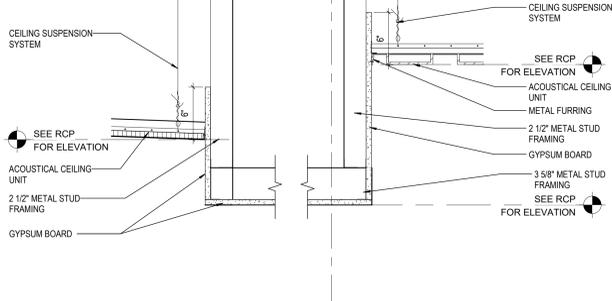
DRAWING TITLE:
INTERIOR DETAILS

NOVEMBER 21, 2023
DRAWN BY: LM CHECKED BY: BL
Proj. # 21507.02
A830
PERMIT SET

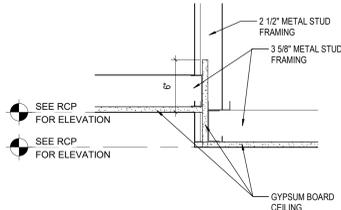
JONATHAN D. MOODY, LIC. #1215709
EXP. DATE: 12/31/2023



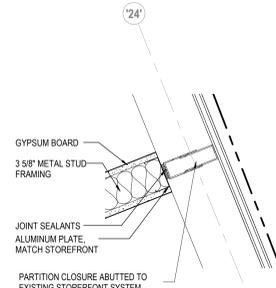
13 DETAIL TYP. GYPSUM BOARD SOFFIT
1 1/2" = 1'-0" REF: 1 / A3.10a



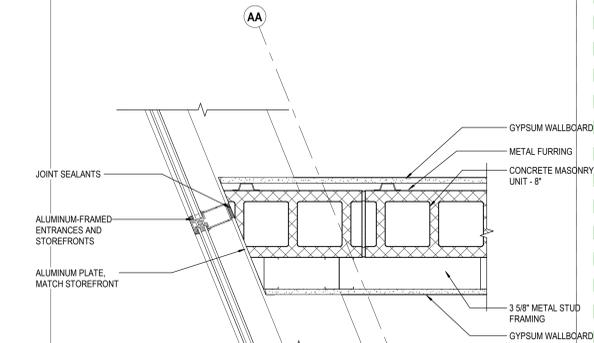
8 DETAIL TRANSITION ACT TO GYPSUM BOARD - STEP
1 1/2" = 1'-0" REF: 3 / A3.11a



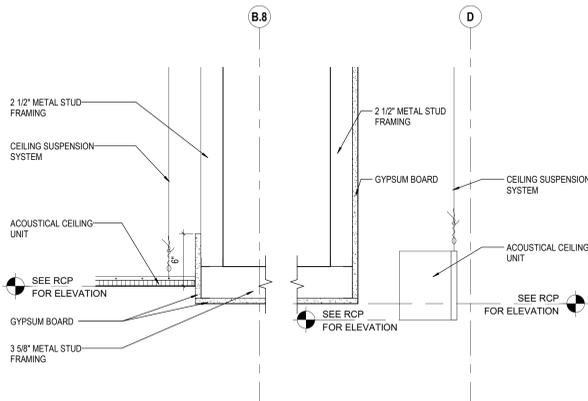
7 DETAIL TYP. GYPSUM BOARD CEILING - STEP
1 1/2" = 1'-0"



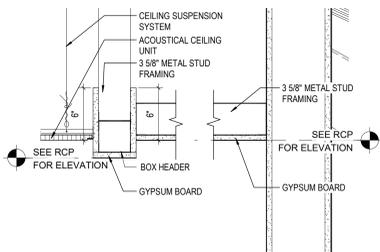
3 DETAIL QUIET RMS @ EXISTING SF
1 1/2" = 1'-0" REF: 1 / A201



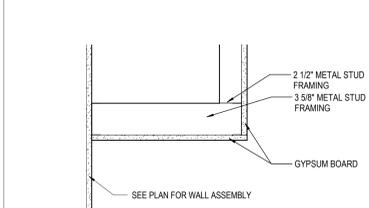
2 DETAIL MULLION CLOSURE @ STAIRS
1 1/2" = 1'-0" REF: 1 / A201



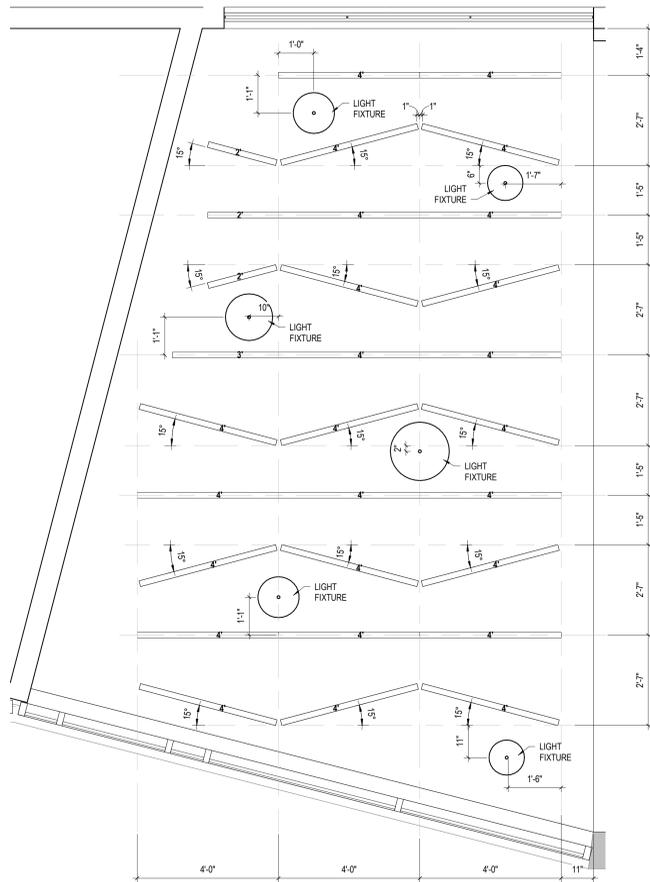
12 DETAIL TRANSITION GYPSUM BOARD TO ACOUSTIC BAFFLE - STEP
1 1/2" = 1'-0"



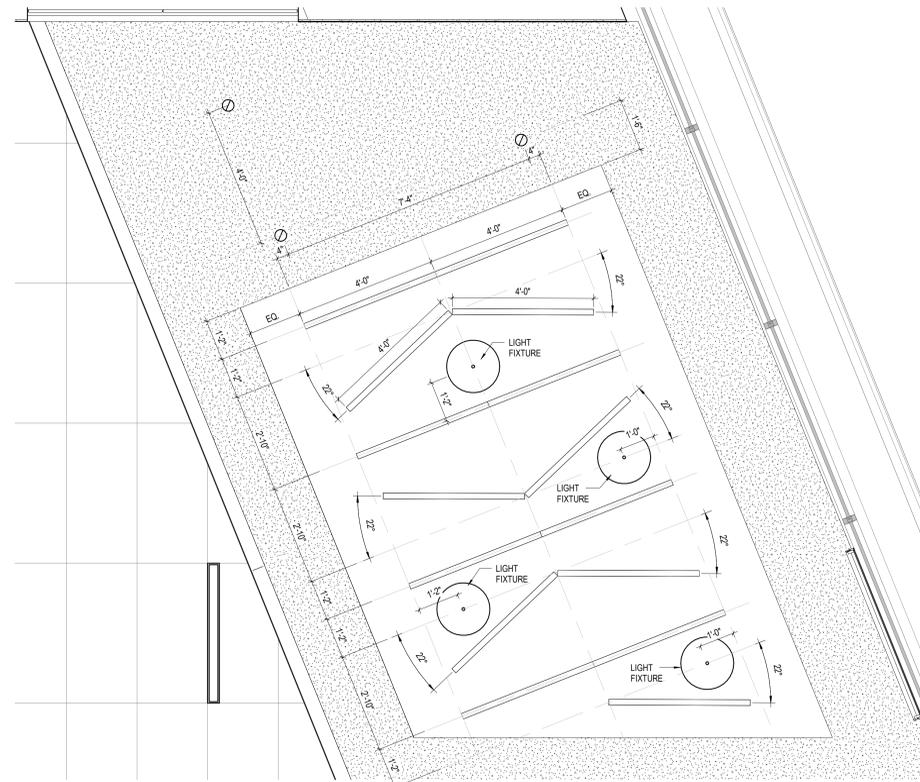
11 DETAIL TRANSITION GYPSUM BOARD AND ACT
1 1/2" = 1'-0" REF: 1 / A3.10a



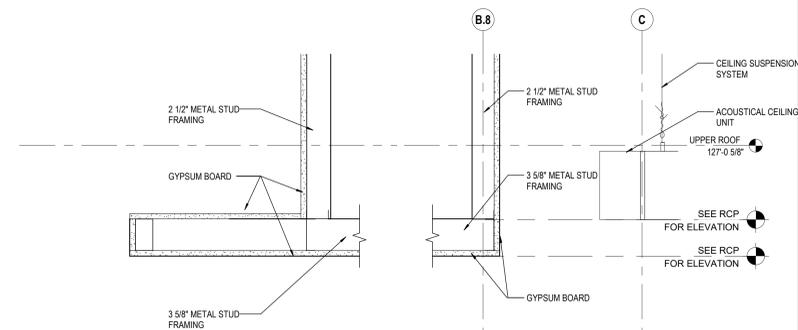
10 DETAIL TRANSITION GYPSUM BOARD TO OPEN
1 1/2" = 1'-0" REF: 1 / A3.10a



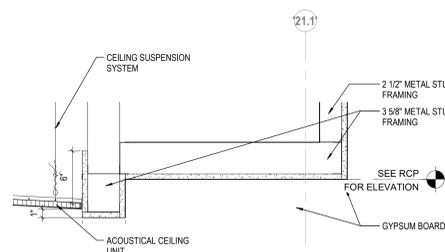
6 DETAIL TEEN SPACE - ACOUSTIC BAFFLES
1 1/2" = 1'-0" REF: 1 / A201



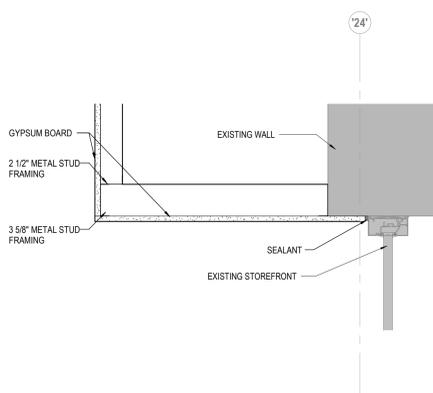
1 DETAIL TEEN SPACE - ACOUSTIC BAFFLES 2
1 1/2" = 1'-0" REF: 1 / A201



9 DETAIL TRANSITION ACOUSTIC BAFFLE TO GYPSUM BOARD OPEN
1 1/2" = 1'-0"



5 DETAIL TRANSITION GYP BOARD TO ACT
1 1/2" = 1'-0" REF: 2 / A3.10a



4 DETAIL GYPSUM BOARD CEILING AT EXISTING STOREFRONT
1 1/2" = 1'-0" REF: 2 / A3.10a

GENERAL NOTES - CEILING DETAILS

1. X

KEYNOTE LEGEND

#	DATE	CHANGE DESCRIPTION

CML LINDEN BRANCH
2223 CLEVELAND AVE
COLUMBUS, OH 43211
FOR
COLUMBUS METROPOLITAN LIBRARY

300 SPRUCE STREET
SUITE 300
COLUMBUS, OHIO 43215
PHONE: (614) 461-4664
FAX: (614) 280-8881

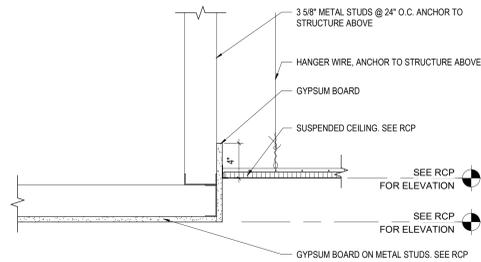
CODED NOTES - CEILING DETAILS

1. X

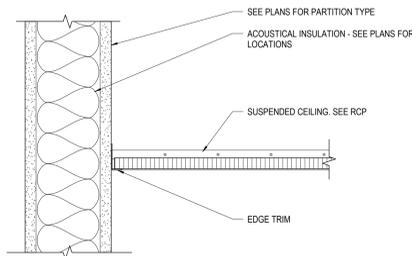
CEILING DETAILS

NOVEMBER 21, 2023
DRAWN BY: LM CHECKED BY: BL
Proj. # 21507.02
A840
PERMIT SET

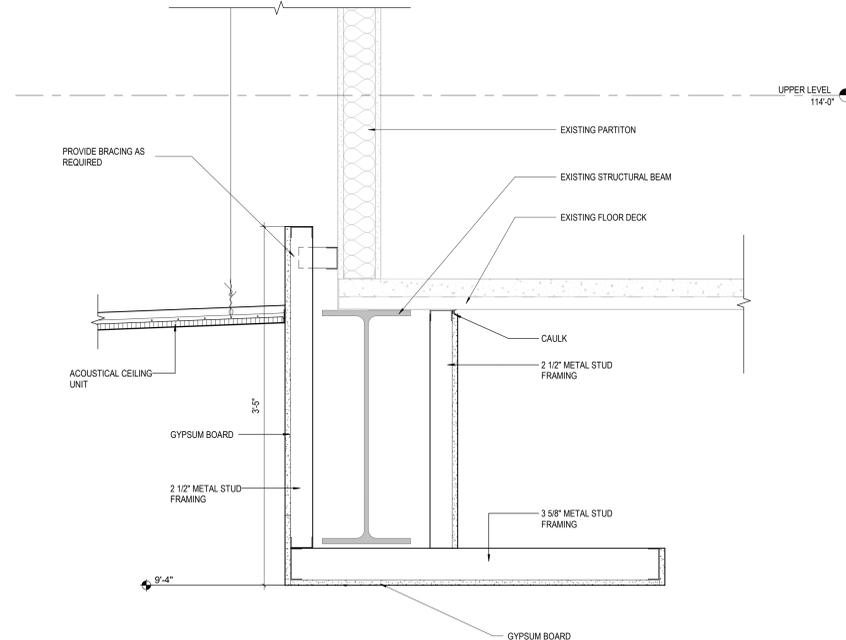
JONATHAN D. MOODY, LIC. #1215709
REGISTERED ARCHITECT
EXP. DATE: 12/31/2023



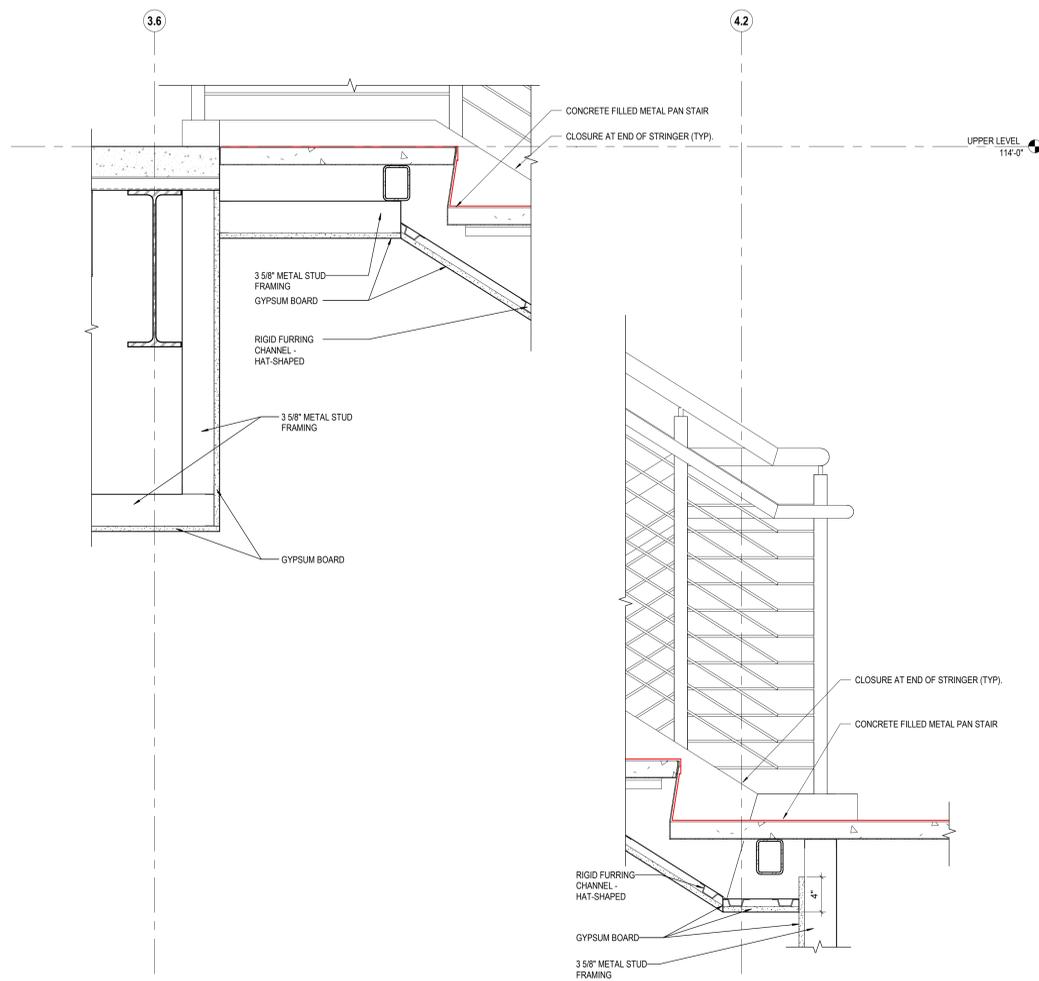
5 DETAIL TRANSITION GYPSUM BOARD TO ACT - STEP
N.T.S.



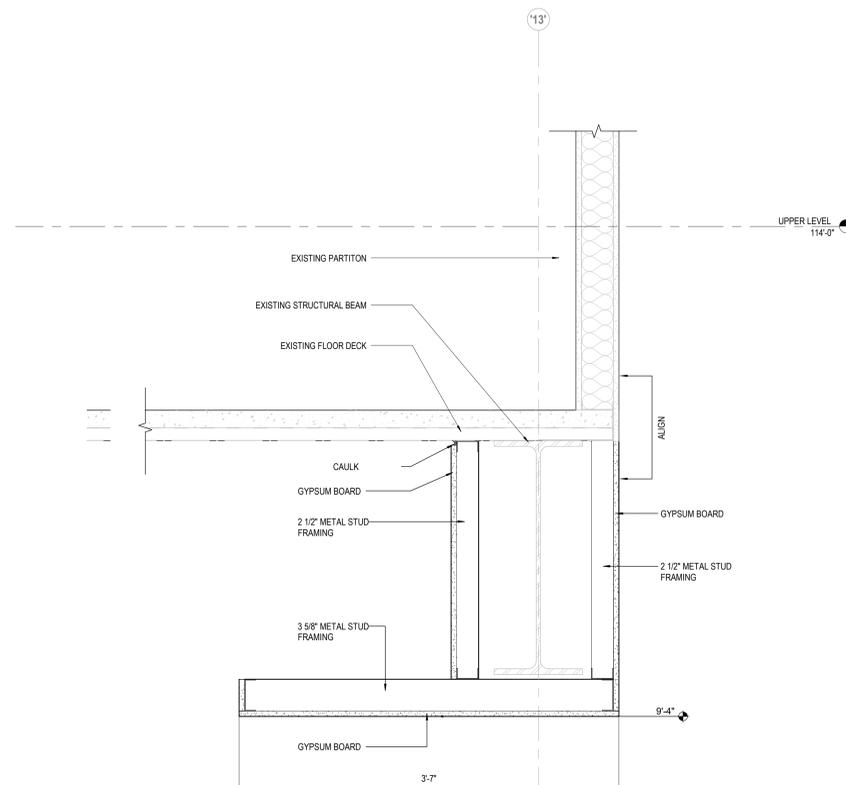
4 DETAIL TYP. ACOUSTICAL CEILING EDGE
N.T.S.



2 DETAIL TRANSITION GYPSUM BOARD TO ACT - STEP EXISTING STRUCTURE
1 1/2" = 1'-0" REF: 2 / A4.10



3 DETAIL GYPSUM BOARD CEILING UNDER STAIRS
1 1/2" = 1'-0" REF: 1 / A3.10a



1 DETAIL GYPSUM BOARD CEILING TO EXISTING STRUCTURE
1 1/2" = 1'-0" REF: 2 / A4.10

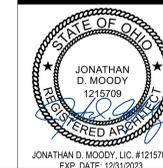
#	DATE	CHANGE DESCRIPTION

CML LINDEN BRANCH
2223 CLEVELAND AVE
COLUMBUS, OH 43211
FOR
COLUMBUS METROPOLITAN LIBRARY

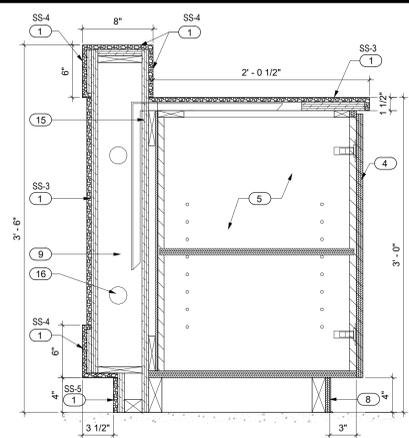
MOODY-NOLAN
300 SPRUCE STREET
SUITE 300
COLUMBUS, OHIO 43215
PHONE: (614) 461-4664
FAX: (614) 280-8881

DRAWING TITLE:

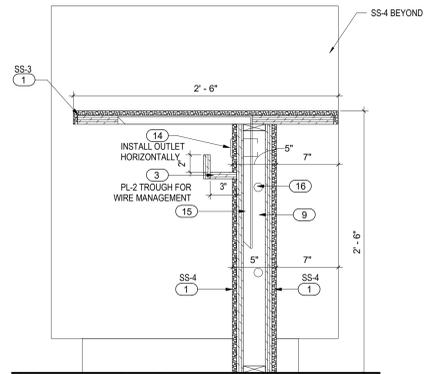
CEILING DETAILS



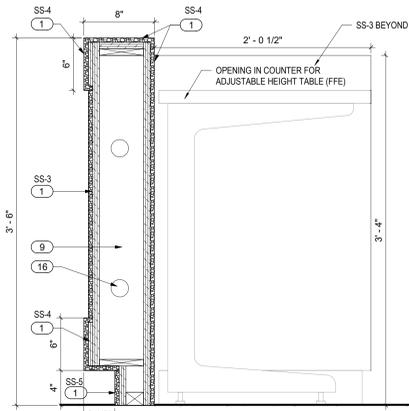
NOVEMBER 21, 2023
DRAWN BY: LM CHECKED BY: BL
Proj. # 21507.02
A841
PERMIT SET



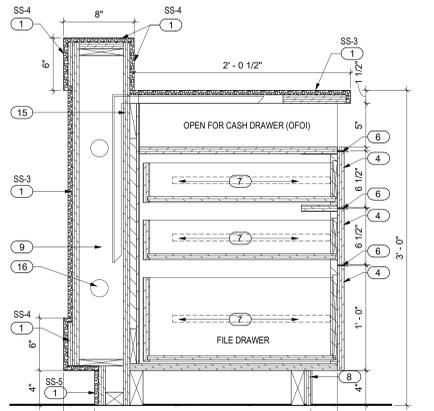
18 SECTION DESK @ STORAGE CABINET
1 1/2" = 1'-0" REF: 11 / A850



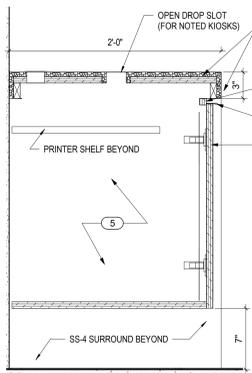
14 SECTION DESK @ CARD SIGN UP
1 1/2" = 1'-0" REF: 11 / A850



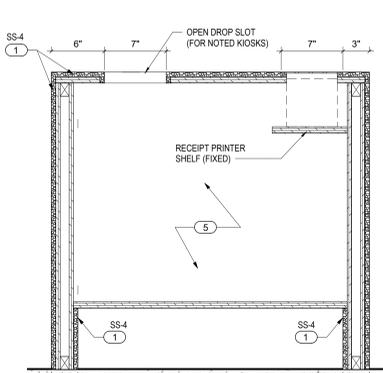
17 SECTION DESK @ ADJ. HT TABLE
1 1/2" = 1'-0" REF: 7 / A850



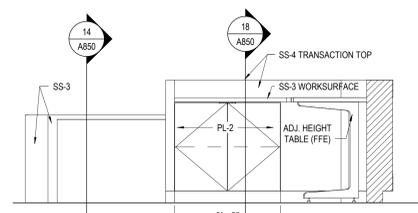
13 SECTION DESK @ CASH DRAWER
1 1/2" = 1'-0" REF: 10 / A850



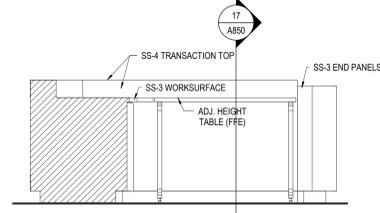
16 SECTION SELF CHECKOUT
1 1/2" = 1'-0" REF: 7 / A850



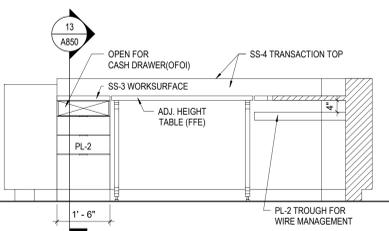
12 SECTION SELF CHECKOUT KIOSK
1 1/2" = 1'-0" REF: 10 / A850



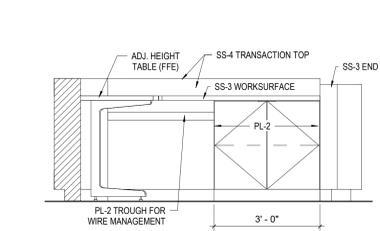
11 ELEVATION DESK - STAFF 3
1/2" = 1'-0" REF: 1 / A850



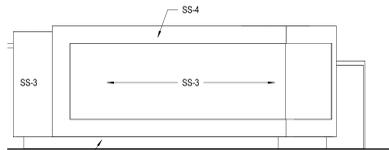
7 ELEVATION DESK - STAFF 4
1/2" = 1'-0" REF: 1 / A850



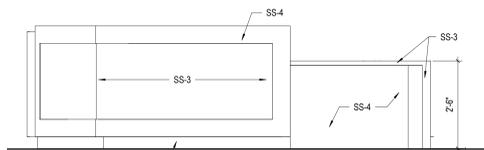
10 ELEVATION DESK - STAFF 1
1/2" = 1'-0" REF: 1 / A850



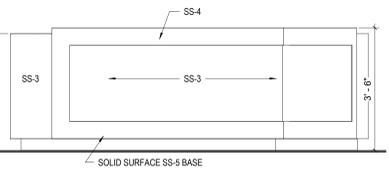
6 ELEVATION DESK - STAFF 2
1/2" = 1'-0" REF: 1 / A850



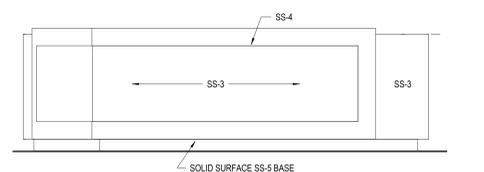
9 ELEVATION WELCOME DESK 4
1/2" = 1'-0" REF: 1 / A850



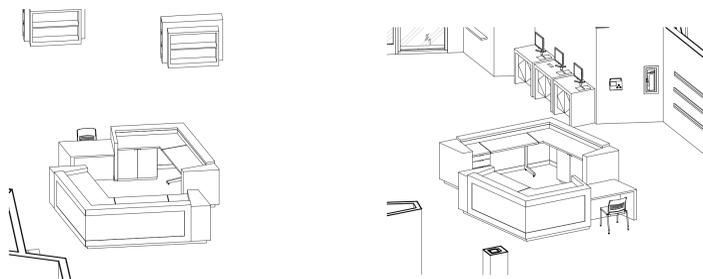
5 ELEVATION WELCOME DESK 3
1/2" = 1'-0" REF: 1 / A850



8 ELEVATION WELCOME DESK 2
1/2" = 1'-0" REF: 1 / A850

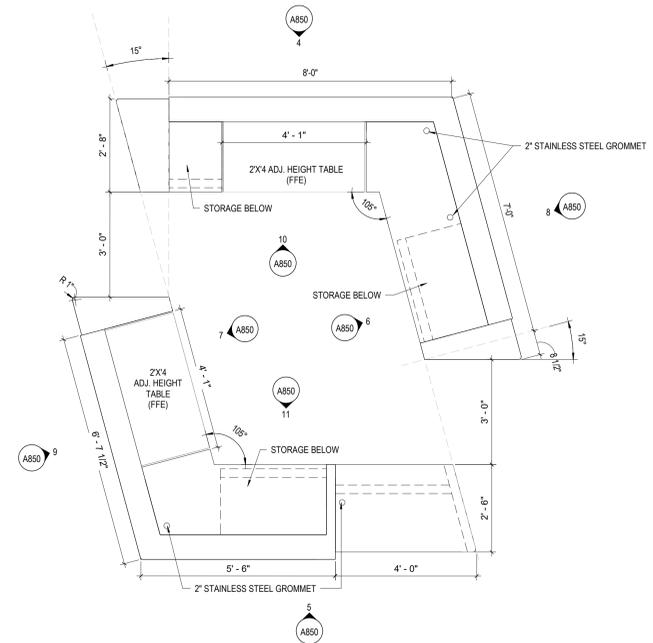


4 ELEVATION WELCOME DESK 1
1/2" = 1'-0" REF: 1 / A850



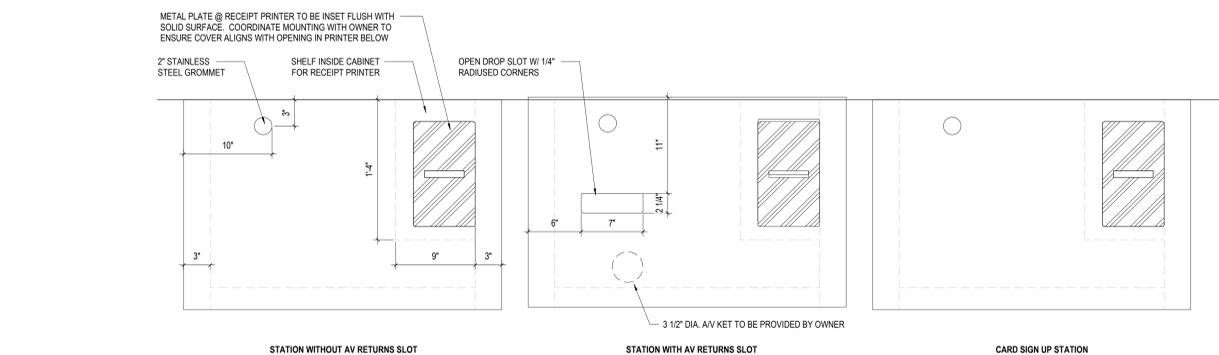
2 AXONOMETRIC WELCOME DESK

3 AXONOMETRIC WELCOME DESK 2



1 PLAN WELCOME DESK
1/2" = 1'-0"

COORDINATE FINAL LOCATION OF DESK WITH OWNER PRIOR TO INSTALL. OWNER WOULD LIKE TO PLACE DESK ONSITE (COORDINATE WITH REQUIRED POWER AND DATA)



15 DETAIL SELF CHECKOUT COUNTERS
1 1/2" = 1'-0" REF: 1 / A101

CARD SIGN UP STATION

GENERAL NOTES - CASEWORK

- REFER TO SPECIFICATION MANUAL SECTIONS 06-20-00 (FINISHED CARPENTRY) AND 06-40-00 (ARCHITECTURAL WOODWORK) FOR A COMPLETE ENUMERATION OF PERFORMANCE AND FABRICATION GUIDELINES.
- GENERAL CONTRACTOR IS RESPONSIBLE FOR PROVIDING IN-WALL BLOCKING ADEQUATE FOR THE SUPPORT OF ALL CABINETS NOTED HEREIN. IN ADDITION, THE CONTRACTOR SHALL PROVIDE ADEQUATE IN-WALL BLOCKING FOR ANY WALL FINISH CARPENTRY OR ANCILLARY COMPONENTS INCLUDING BUT NOT LIMITED TO WALL PANELS, MILLWORK, CUSTOM CASEWORK, GRAPHIC PANELS, BANNERS, ETC.) DESIGNATED AND DETAILED HEREIN AS RIGIDLY ATTACHED TO WALL ASSEMBLIES OR OTHER STRUCTURAL COMPONENTS. SEE SPECIFICATION SECTION 06-18-00 FOR BLOCKING REQUIREMENTS. NOTE: SPECIFIC TYPES OF BLOCKING ARE SHOWN IN DETAIL DRAWINGS FOR CLARITY - THIS IS NOT TO BE TAKEN AS A FULL ACCOUNTING. GENERAL/TYPICAL BLOCKING MAY OR MAY NOT BE SHOWN.
- FOR PLASTIC LAMINATE CABINETS: ALL EXPOSED EXTERIOR SURFACES ARE TO BE CLAD IN PLASTIC LAMINATE (COLOR AS NOTED). ALL EXPOSED INTERIOR SURFACES ARE TO BE CLAD IN WHITE MELAMINE. HIDDEN OR CONCEALED FACES ARE TO BE CLAD IN A PLASTIC LAMINATE BACKER. DOORS AND ADJUSTABLE SHELVES ARE TO BE FULLY CLAD IN THE SAME PLASTIC LAMINATE AS THE CASE (UNLESS NOTED OTHERWISE).
- PROVIDE LOOKS FOR CABINET DOORS (UPPER AND LOWER) AS NOTED ON SPECIFIC ELEVATIONS.
- ALL COUNTERTOPS ARE TO INCLUDE A CONTINUOUS MATCHING 4" BACKSPLASH (UNLESS SHOWN AND NOTED OTHERWISE). ALL BACKSPLASHES ASSUMED TO INCLUDE SIDESPLASHES AT ADJOINING WALLS AND/OR OTHER VERTICAL INTERRUPTIONS.
- PLASTIC LAMINATE COUNTERTOPS ARE TO HAVE A 1/2" NOSING WITH A MATCHING DOELKIN WOODGRAPE VINYL EDGE BAND (MANUFACTURER'S BEST MATCH). EDGE BAND MATCHES TO BE SUBMITTED FOR APPROVAL PRIOR TO FABRICATION. UNDERSIDES OF COUNTER ARE TO BE CLAD WITH BACKER SHEET.
- ALL THRU-COUNTER WIRE MANAGEMENT SLOTS ARE TO BE 2" STAINLESS STEEL GROMMETS. WORKSURFACES WITH OPEN KNEE SPACE ARE TO RECEIVE A MINIMUM OF (1) INSERT EVERY 48" EXACT AND FINAL LOCATIONS ARE TO BE FIELD-COORDINATED WITH OWNER.
- FOR "WET" AREAS (INCLUDING ALL FOOD SERVICE CABINERY): COUNTERTOP/BACKSPLASH AND BASE CABINET SUBSTRATES ARE TO BE MARINE GRADE PLYWOOD.
- NOTE THAT EQUIPMENT/APPLIANCES SHOWN IS FOR REFERENCE ONLY. EXACT LOCATIONS TO BE VERIFIED IN FIELD WITH OWNER.
- FOR CABINETS AT INSIDE CORNERS: PROVIDE "CORNER CABINET" EXTENSION SO THAT END CABINET OF ONE RUN EXTENDS ALONG AND BEHIND OTHER RUN TO FILL IN CORNER DEAD SPACE - MODIFY ALIGNMENT SHELF SUPPORTS AS REQUIRED.
- FINISH/MATERIAL ABBREVIATIONS ARE DELINEATED IN THE OVERALL PROJECT FINISH LEGEND.

CODED NOTES - CASEWORK

- WORKSURFACE / COUNTERTOP/SURROUND: SOLID SURFACE (2 CM) WITH MITER JOINT. PENCIL EDGE NOSING ON 3/4" CABINET-GRADE PLYWOOD SUBSTRATE. (COLOR AS NOTED ON ELEVATIONS).
- WALL PANEL: PLASTIC LAMINATE (PL-3) ON 3/4" MDF SUBSTRATE.
- CASES AND COMPONENTS: PLASTIC LAMINATE ON 3/4" CABINET-GRADE PLYWOOD SUBSTRATE (SEE GENERAL NOTE 4).
- PLASTIC LAMINATE DOORS AND DRAWER FRONTS, FULL OVERLAY DOORS, ON CONCEALED, EUROPEAN-STYLE HINGES, 3/4" MDF SUBSTRATE.
- CABINET INTERIORS TO BE WHITE MELAMINE WITH MATCHING MELAMINE ADJUSTABLE SHELVES (MATCHING VINYL EDGE TAPE @ ALL SIDES. SHELVES ARE ADJUSTABLE (UNLESS NOTED OTHERWISE) SUPPORTED ON NICKEL (SPOON-TYPE) SHELF FINIS. REINFORCING HOLES TO BE SPACED 2" O.C.
- DOOR/DRAWER PULL, SEE 10 / A851
- DRAWERS (EXCEPT FILES) ON MEDIUM-DUTY. FULL EXTENSION, SOFT-CLOSING GLIDES - FULL FILE DRAWERS ON HEAVY-DUTY, FULL-EXTENSION GLIDES (WHITE MELAMINE INTERIORS).
- SCHEDULED WALL BASE.
- MDF RISERS SPACED NOT MORE THAN 16" O.C. PROVIDE PENETRATIONS FOR WIRE MANAGEMENT.
- SOLID SURFACE WALL PANEL.
- 6"x6"x1/8" ANGLE BRACKET (1/8" THICK) NICKEL PLATED STEEL - SEE MASTER-CARR #155646.
- ANGLED PLYWOOD SUPPORT PANELS, EVERY 32" O.C., SECURED TO IN WALL BLOCKING.
- UPHOLSTERED SEAT/BACKS: FABRIC WRAPPED BATTING & POLYURETHANE FOAM - 2 LAYERS 1" R20X, DENSITY 1.4, COMPRESSION 35# (CA TECH BULLETIN #11) DIRECT ADHERED TO RIGID BACKER BOARD.
- POWER/DATA RECEPTACLE, VERIFY FINAL LOCATION WITH OWNER. PROVIDE ACCESS PANEL (CONCEALED HARDWARE).
- COUNTER SUPPORT BRACKET.
- COORDINATE INTERIOR OPEN CLEAR SPACE WITH POWER AND DATA FEEDS, VERIFY PRIOR TO CONSTRUCTION. PROVIDE REMOVEABLE ACCESS PANEL WITH CONCEALED HARDWARE.
- FRY RIGLET ALUMINUM GRAPH FRAME, ROUTED CLIP FOR PLM PANELS, ATTACHED WITH DRYWALL SCREWS OR EXPANSION FASTENERS.

#	DATE	CHANGE DESCRIPTION

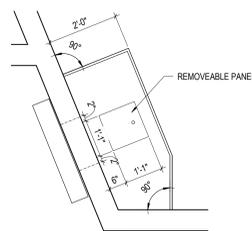
CML LINDEN BRANCH
2223 CLEVELAND AVE
COLUMBUS, OH 43211
FOR
COLUMBUS METROPOLITAN LIBRARY

300 SPRUCE STREET
SUITE 300
COLUMBUS, OHIO 43215
PHONE: (614) 461-4664
FAX: (614) 280-8881

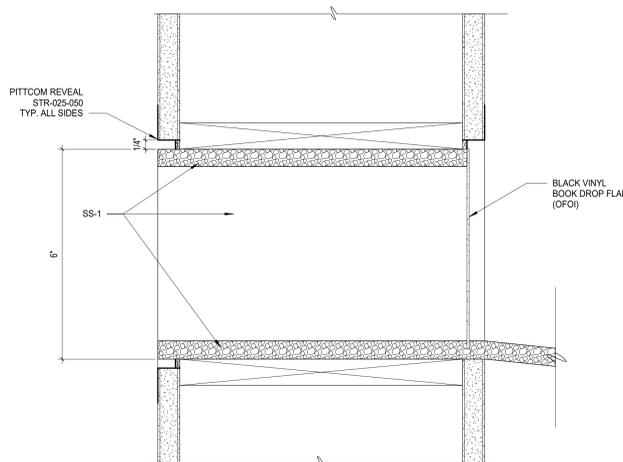
MOODY-NOLAN
DRAWING TITLE:
CASEWORK DETAILS

STATE OF OHIO
REGISTERED ARCHITECT
JONATHAN D. MOODY
1215709

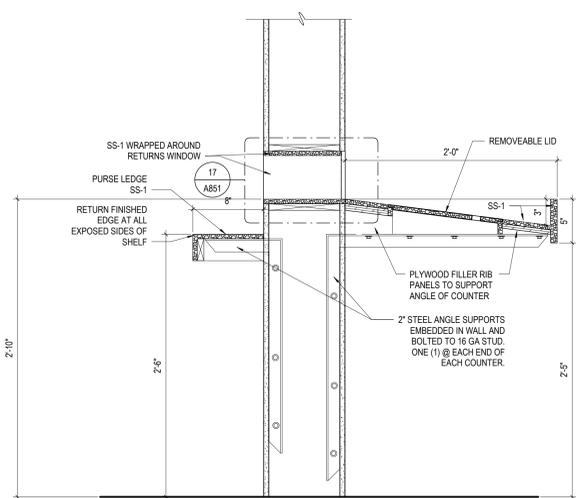
NOVEMBER 21, 2023
DRAWN BY: LM CHECKED BY: BL
Proj. # 21507.02
A850
PERMIT SET



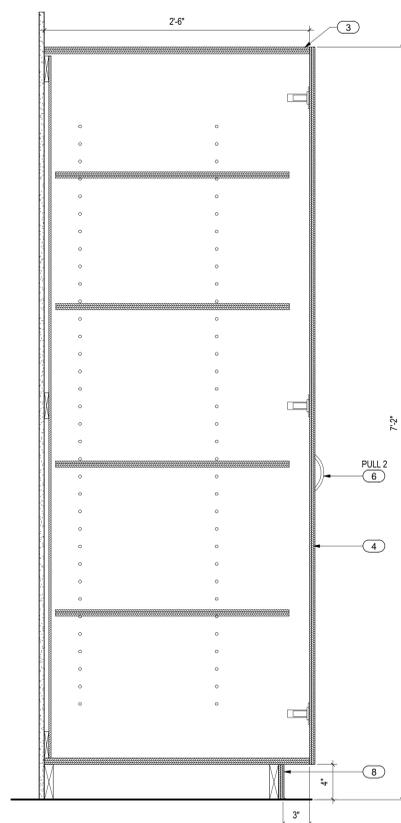
18 DETAIL RETURNS COUNTER
1/2" = 1'-0" REF: 11 / A101



17 DETAIL BOOK DROP WINDOW
6" = 1'-0" REF: 16 / A851



16 SECTION BOOK DROP
1 1/2" = 1'-0"



11 SECTION (S) TYP. STORAGE CABINET
1 1/2" = 1'-0"

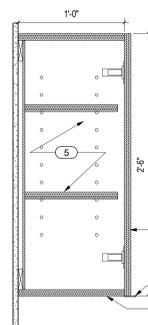


PULL 2 - TO BE USED ON FULL HEIGHT STORAGE CABINET DOOR
REFERENCE TOP KNOBS 3 3/4" CRESCENT PULL #M394 SATIN NICKEL FINISH
(IMAGE FOR STYLE REFERENCE ONLY - NO SCALE)

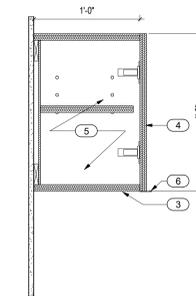


PULL 1 - TO BE USED ON ALL CABINET DOORS/DRAWERS UNLESS OTHERWISE NOTED.
REFERENCE MOCKET: DP3 DOOR PULL, 3" TAB PULL, FINISH STAIN NICKEL
(IMAGE FOR STYLE REFERENCE ONLY - NO SCALE)

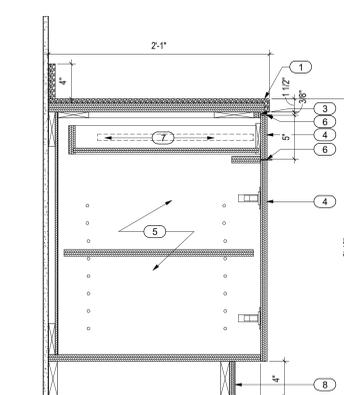
10 DETAIL DOOR/DRAWER PULLS
N.T.S.



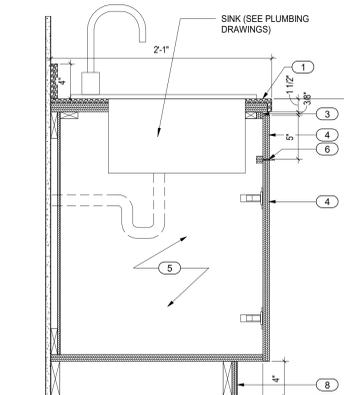
8 SECTION (W) TYP. WALL CABINET
1 1/2" = 1'-0"



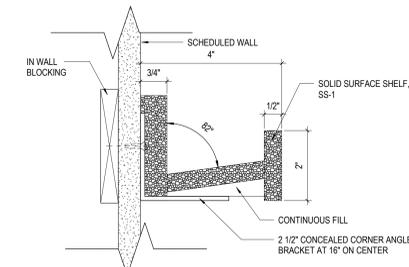
5 SECTION (W) TYP. WALL CABINET - SHORT
1 1/2" = 1'-0"



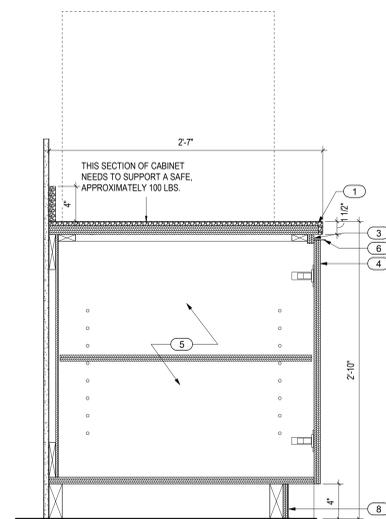
7 SECTION (B) TYP. BASE CABINET W/ DRAWER
1 1/2" = 1'-0"



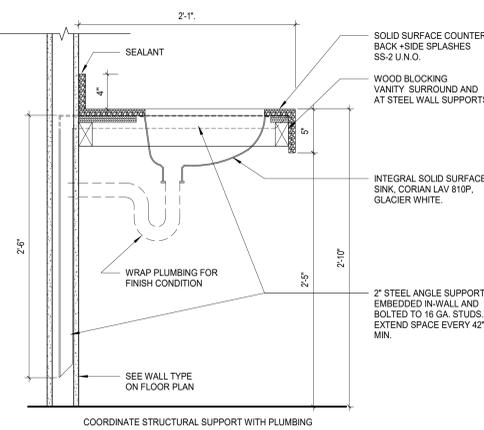
4 SECTION (SB) TYP. SINK BASE
1 1/2" = 1'-0"



3 SECTION TYP. BOOK RAIL
6" = 1'-0"



2 SECTION (BC) BASE CABINET - SAFE
1 1/2" = 1'-0"



1 SECTION TYP. VANITY
1 1/2" = 1'-0"

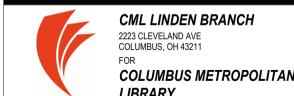
GENERAL NOTES - CASEWORK

- REFER TO SPECIFICATION MANUAL SECTIONS 06-20-00 (FINISHED CARPENTRY) AND 06-40-00 (ARCHITECTURAL WOODWORK) FOR A COMPLETE ENUMERATION OF PERFORMANCE AND FABRICATION GUIDELINES.
- GENERAL CONTRACTOR IS RESPONSIBLE FOR PROVIDING IN-WALL BLOCKING ADEQUATE FOR THE SUPPORT OF ALL CABINETRY NOTED HEREIN. IN ADDITION, THE CONTRACTOR SHALL PROVIDE ADEQUATE IN-WALL BLOCKING FOR ANY WALL FINISH CARPENTRY OR ANCILLARY COMPONENTS INCLUDING BUT NOT LIMITED TO WALL PANELS, MILLWORK, CUSTOM CASEWORK, GRAPHIC PANELS, BANNERS, ETC.) DESIGNATED AND DETAILED HEREIN AS RIGIDLY ATTACHED TO WALL ASSEMBLIES OR OTHER STRUCTURAL COMPONENTS. SEE SPECIFICATION SECTION 06-10-00 FOR BLOCKING REQUIREMENTS. NOTE: SPECIFIC TYPES OF BLOCKING ARE SHOWN IN DETAIL DRAWINGS FOR CLARITY - THIS IS NOT TO BE TAKEN AS A FULL ACCOUNTING. GENERAL/TYPICAL BLOCKING MAY OR MAY NOT BE SHOWN.
- FOR PLASTIC LAMINATE CABINETS: ALL EXPOSED EXTERIOR SURFACES ARE TO BE CLAD IN PLASTIC LAMINATE (COLOR AS NOTED). ALL EXPOSED INTERIOR SURFACES ARE TO BE CLAD IN WHITE MELAMINE. HIDDEN OR CONCEALED FACES ARE TO BE CLAD IN A PLASTIC LAMINATE BACKER. DOORS AND ADJUSTABLE SHELVES ARE TO BE FULLY CLAD IN THE SAME PLASTIC LAMINATE AS THE CASE (UNLESS NOTED OTHERWISE).
- PROVIDE LOOKS FOR CABINET DOORS (UPPER AND LOWER) AS NOTED ON SPECIFIC ELEVATIONS.
- ALL COUNTERTOPS ARE TO INCLUDE A CONTINUOUS MATCHING 4" BACKSPLASH (UNLESS SHOWN AND NOTED OTHERWISE). ALL BACKSPLASHES ASSUMED TO INCLUDE SIDESPLASHES AT ADJOINING WALLS AND/OR OTHER VERTICAL INTERRUPTIONS.
- PLASTIC LAMINATE COUNTERTOPS ARE TO HAVE A 1/2" NOSING WITH A MATCHING DOELKIN WOOD/TAPE VINYL EDGE BAND MANUFACTURER'S BEST MATCH. EDGE BAND MATCHES TO BE SUBMITTED FOR APPROVAL PRIOR TO FABRICATION. UNDERSIDES OF COUNTER ARE TO BE CLAD WITH BACKER SHEET.
- ALL THRU-COUNTER WIRE MANAGEMENT SLOTS ARE TO BE 2" STAINLESS STEEL GROMMETS. WORKSURFACES WITH OPEN KNEE SPACE ARE TO RECEIVE A MINIMUM OF (1) INSERT EVERY 48" EXACT AND FINAL LOCATIONS ARE TO BE FIELD-COORDINATED WITH OWNER.
- FOR "WET" AREAS (INCLUDING ALL FOOD SERVICE CABINERY): COUNTERTOP/BACKSPLASH AND BASE CABINET SUBSTRATES ARE TO BE MARINE GRADE PLYWOOD.
- NOTE THAT EQUIPMENT/APPLIANCES SHOWN IS FOR REFERENCE ONLY. EXACT LOCATIONS TO BE VERIFIED IN FIELD WITH OWNER.
- FOR CABINETS AT INSIDE CORNERS: PROVIDE "CORNER CABINET" EXTENSION SO THAT END CABINET OF ONE RUN EXTENDS ALONG AND BEHIND OTHER RUN TO FILL IN CORNER DEAD SPACE - MODIFY ALIGNMENT SHELF SUPPORTS AS REQUIRED.
- FINISH/MATERIAL ABBREVIATIONS ARE DELINEATED IN THE OVERALL PROJECT FINISH LEGEND.

CODED NOTES - CASEWORK

- WORKSURFACE / COUNTERTOP/SURROUND: SOLID SURFACE (2 CM) WITH MITER JOINT, PENCIL EDGE NOSING ON 3/4" CABINET-GRADE PLYWOOD SUBSTRATE. (COLOR AS NOTED ON ELEVATIONS).
- WALL PANEL: PLASTIC LAMINATE (PL-3) ON 3/4" MDF SUBSTRATE.
- CASES AND COMPONENTS: PLASTIC LAMINATE ON 3/4" CABINET-GRADE PLYWOOD SUBSTRATE (SEE GENERAL NOTE 4).
- PLASTIC LAMINATE DOORS AND DRAWER FRONTS, FULL OVERLAY DOORS, ON CONCEALED, EUROPEAN-STYLE HINGES, 3/4" MDF SUBSTRATE.
- CABINET INTERIORS TO BE WHITE MELAMINE WITH MATCHING MELAMINE ADJUSTABLE SHELVES (MATCHING VINYL EDGE TAPE @ ALL SIDES. SHELVES ARE ADJUSTABLE (UNLESS NOTED OTHERWISE) SUPPORTED ON NICKEL (SPOON-TYPE) SHELF PINS. RECEIVING HOLES TO BE SPACED 2" O.C.
- DOOR/DRAWER PULL, SEE 10 / A851
- DRAWERS (EXCEPT FILES) ON MEDIUM-DUTY, FULL EXTENSION, SOFT-CLOSING GLIDES - FULL FILE DRAWERS ON HEAVY-DUTY, FULL-EXTENSION GLIDES. (WHITE MELAMINE INTERIORS).
- SCHEDULED WALL BASE.
- MDF RISERS SPACED NOT MORE THAN 16" O.C. PROVIDE PENETRATIONS FOR WIRE MANAGEMENT.
- SOLID SURFACE WALL PANEL.
- 6"X6"X1 1/8" ANGLE BRACKET (1 1/8" THICK) NICKEL PLATED STEEL - SEE MASTER-CARR #155646.
- ANGLED PLYWOOD SUPPORT PANELS, EVERY 32" O.C., SECURED TO IN WALL BLOCKING.
- UPHOLSTERED SEAT/BACKS: FABRIC WRAPPED BATTING & POLYURETHANE FOAM - 2 LAYERS 1" R20X, DENSITY 1.4, COMPRESSION 35# (CA TECH BULLETIN #11) DIRECT ADHERED TO RIGID BACKER BOARD.
- POWER/DATA RECEPTACLE, VERIFY FINAL LOCATION WITH OWNER. PROVIDE ACCESS PANEL (CONCEALED HARDWARE).
- COUNTER SUPPORT BRACKET.
- COORDINATE INTERIOR OPEN CLEAR SPACE WITH POWER AND DATA FEEDS, VERIFY PRIOR TO CONSTRUCTION. PROVIDE REMOVEABLE ACCESS PANEL WITH CONCEALED HARDWARE.
- FRY RECEPTACLE ALUMINUM GRAPH FRAME, ROUTED CLIP FOR PLM PANELS, ATTACHED WITH DRYWALL SCREWS OR EXPANSION FASTENERS.

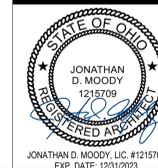
#	DATE	CHANGE DESCRIPTION



300 SPRUCE STREET
SUITE 300
COLUMBUS, OHIO 43215
PHONE: (614) 461-4664
FAX: (614) 280-8881

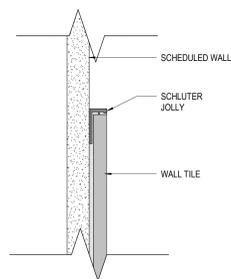
DRAWING TITLE:

CASEWORK DETAILS

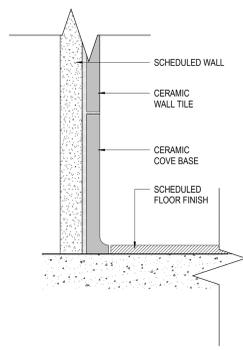


NOVEMBER 21, 2023
DRAWN BY: LM CHECKED BY: BL
Proj. # 21507.02
A851
PERMIT SET

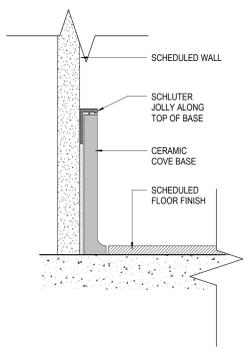
FINISH LEGEND						
FINISH TYPE	TAG	MANUFACTURER	STYLE	COLOR/FINISH	SIZE	COMMENTS
BASE						
RESILIENT BASE	RB-1	JOHNSONITE/TARKETT	TRADITIONAL WALL BASE	63 BURNT UMBER	4" H	
TILE WALL BASE	TWB-1	CROSSVILLE	COLOR BY NUMBERS	EIGHT DAYS A WEEK	4" COVE	
CEILING						
ACOUSTICAL CEILING TILE	A1	ARMSTRONG	OPTIMA SQUARE LAY-IN 3151	WHITE	24"X48" X 3/4"	15'16" PRELUDE SUSPENSION GRID SYSTEM
ACOUSTIC CEILING BAFFLES	AB-1	TURF	LINEAR CEILING SCAPE - L5 PANEL	D06 PLANKED OAK	2'X4' PANELS	INSTALLED ON 2'X2' 15'16" TEE GRID, BLACK BACKER PANEL
ACOUSTIC CEILING BAFFLES	AB-2	TURF	RIDGE	LIGHT GREY	118" LENGTH	RIDGE SYSTEM PATTERN - 8 BAFFLE REPEAT TO CREATE UNULATING PATTERN, FELT LOCK INSTALL
ACOUSTIC CEILING BAFFLES	AB-3	FRASCH	WAFI BAFL	LIGHT GREY	4'X4' MODULE X 12'H	LIT BAFFLE - REFER TO LIGHTING SCHEDULE FOR SPECS
ACOUSTIC CEILING BAFFLES	AB-4	FRASCH	NEST	INDIGO BLUE	12"X12" MODULE X 6'H	
ACOUSTIC CEILING BAFFLES	AB-5	TURF	SLAB BAFFLE	WHITE	8.68" DEEP LENGTH VARIES	SEE RCP FOR LAYOUT AND SIZE, CABLE TO DECK CONNECTION
ACOUSTIC CEILING BAFFLES	AB-6A	FOCAL POINT	SEEM 1 ACOUSTIC TRIO	DEEP PURPLE		LIT BAFFLE - REFER TO LIGHTING SCHEDULE FOR SPECS
ACOUSTIC CEILING BAFFLES	AB-6B	FOCAL POINT	SEEM 1 ACOUSTIC TRIO	BERRY		LIT BAFFLE - REFER TO LIGHTING SCHEDULE FOR SPECS
ACOUSTIC CEILING BAFFLES	AB-6C	FOCAL POINT	SEEM 1 ACOUSTIC TRIO	DENIM BLUE		LIT BAFFLE - REFER TO LIGHTING SCHEDULE FOR SPECS
FLOORS						
CARPET TILE	CR-1	INTERFACE	BROWNSTONE	105868 TURTLEBAY	25CM X 1M	
CARPET TILE	CR-2	INTERFACE	KINETEX PROVISION	2280 STAPLE	24" X 24"	
CARPET TILE	CR-3	INTERFACE	OPEN AIR 412	105885 BLACK	50CM X 50CM	
CARPET TILE	CR-4	INTERFACE	SIMPLE ABSTRACTION - VIDEO SPECTRUM	105917 METAL	25CM X 1M	
CARPET TILE	CR-5	INTERFACE	SIMPLE ABSTRACTION - PAINTED GESTURE	105976 EARTH	25CM X 1M	
CARPET TILE	CR-6	INTERFACE	SIMPLE ABSTRACTION - SHADED PIGMENT	105995 METAL ACCENT	25CM X 1M	
CARPET TILE	CR-7	INTERFACE	SIMPLE ABSTRACTION - SHADED PIGMENT	105992 EARTH ACCENT	25CM X 1M	
CARPET TILE	CR-8	INTERFACE	VISUAL CODE - STATIC LINES	105941 LEAD STATIC	25CM X 1M	
CARPET TILE	CR-9	INTERFACE	VISUAL CODE - CIRCUIT BOARD	PURPLE	25CM X 1M	
CARPET TILE	CR-10	INTERFACE	VISUAL CODE - CIRCUIT BOARD	BLUE	25CM X 1M	
RESILIENT SHEET FLOORING	RS-1	ARMSTRONG	MEDTONE WITH DIAMOND 10 COATING	H5306 NATURAL GRAY DARK	-	HEAT WELD
RUBBER FLOORING	RF-1	NORA	ARAGO	BALANCE		STAIR LANDINGS
RUBBER STAIR TREADS	RST-1	NORA	ARAGO	BALANCE		CHILDRENS STAIR - INTEGRAL STAIR NOSING/TREAD/RISE
SEALED CONCRETE	SC-1	-	-	-	-	
TILE FLOOR	TF-1	ATLAS CONCORDE	REFLEX	MERCURY	24"X48"	REFER TO FINISH PLAN FOR INSTALL PATTERN/ORIENTATION
WALK OFF CARPET	WG-1	INTERFACE	SR999	IRON	50CM X 90CM	
MISCELLANEOUS						
ACOUSTICAL PANELS	AP-1	AUTEX	APA	WHITE	1" THICK	DECK MOUNTED
ACOUSTICAL PANELS	AP-2A	TURF	HEX FOLDED WALL	WHITE	NRC: 9	WALL MOUNTED - SEE ELEVATIONS FOR PATTERN
ACOUSTICAL PANELS	AP-2B	TURF	HEX FOLDED WALL	DAMASCUS	NRC: 9	
ACOUSTICAL PANELS	AP-2C	TURF	HEX FOLDED WALL	INDIGO	NRC: 9	
ACOUSTICAL PANELS	AP-3A	TURF	DELTA	LA VENDER	13.5"W X 11.7"H X 9MM THICK	WALL MOUNTED - SEE ELEVATIONS FOR PATTERN
ACOUSTICAL PANELS	AP-3B	TURF	DELTA	RASPBERRY		
ACOUSTICAL PANELS	AP-3C	TURF	DELTA	BLUSH		
ACOUSTICAL PANELS	AP-4A	TURF	SLASH	WHITE	6.375"W X 11.75"H X 9MM THICK	WALL MOUNTED - FORWARD & BACK AS SHOWN ON ELEVATIONS
ACOUSTICAL PANELS	AP-4B	TURF	SLASH	DARK BLUE		
ACOUSTICAL PANELS	AP-4C	TURF	SLASH	LA VENDER		
ACOUSTICAL PANELS	AP-5	TURF	CUSTOM GRAPHIC ACOUSTICAL PANEL	ARTWORK TBD	9MM THICK	WALL MOUNTED
ACOUSTICAL PANELS	AP-6A	FILZFELT	AKUSTIKA WALL	GRANAT		WALL MOUNTED WITH Z CLIPS
ACOUSTICAL PANELS	AP-6B	FILZFELT	AKUSTIKA WALL	AMETHYST		
ACOUSTICAL PANELS	AP-7	FILZFELT	HEX BLOCK CHAMFERED	BEWOLKT		MOUNTED WITH CONSTRUCTION ADHESIVE
CORNER GUARDS	CG-1	CS CONSTRUCTION SPECIALTIES	CO-8 SERIES	STAINLESS STEEL	1 1/2" LEGS, 4H	
CORNER GUARDS	CG-2	CS CONSTRUCTION SPECIALTIES	SM-20N	410 BRUSHED SILVER	3" LEGS, 4H	
PLASTIC LAMINATE	PL-1	WILSONART	-	DESIGNER WHITE #D354-60 MATTE	-	
PLASTIC LAMINATE	PL-2	WILSONART	-	SATIN STAINLESS #4830K-15	-	
PLASTIC LAMINATE	PL-3	WILSONART	-	LANDMARK WOOD #7981K-12 SOFTGRAIN FINISH	-	
SOLID SURFACE	SS-1	DUPONT	CORIAN	DESIGNER WHITE	-	
SOLID SURFACE	SS-2	DUPONT	CORIAN	SILVER BIRCH	-	
SOLID SURFACE	SS-3	DUPONT	CORIAN	ARTISTA CANVAS	-	
SOLID SURFACE	SS-4	DUPONT	CORIAN	ARTISTA DUST	-	
SOLID SURFACE	SS-5	DUPONT	CORIAN	CARBON CONCRETE	-	
UPHOLSTERY FABRIC	UP-1	ANZEA	TWINKLE TAPESTRY	JEWEL RED		
WINDOW SHADE	WS-1	MECHOSHADE	SOHO 1900 SERIES	1905 DOVE GREY	SEE ELEVATIONS	SINGLE ROLLER SHADE
WINDOW SHADE	WS-2	MECHOSHADE	EQUINOX BLACKOUT	0114 MARBLE	SEE ELEVATIONS	DUAL ROLLER SHADE WITH WS-1 - MULTIPURPOSE & MEETING ROOMS
WOOD DOORS	WDR		PLAIN SLICED MAPLE	TO MATCH PL-3		
WALLS						
PAINT	PT-1	SHERWIN WILLIAMS	EGGSHELL FINISH	SW 7006 EXTRA WHITE		
PAINT	PT-2	SHERWIN WILLIAMS	EGGSHELL FINISH	SW 7672 KNITTING NEEDLES		
PAINT	PT-3	SHERWIN WILLIAMS	EGGSHELL FINISH	SW 6517 REGATTA		
PAINT	PT-4	SHERWIN WILLIAMS	EGGSHELL FINISH	SW 6781 JAMAICA BAY		
PAINT	PT-5	SHERWIN WILLIAMS	EGGSHELL FINISH	SW 6797 JAY BLUE		
PAINT	PT-6	SHERWIN WILLIAMS	EGGSHELL FINISH	SW 6555 DEWBERRY		
PAINT	PT-7	SHERWIN WILLIAMS	EGGSHELL FINISH	SW 6717 LIME RICKETY		
PAINT	PT-8	SHERWIN WILLIAMS	EGGSHELL FINISH	SW 6294 DIRECT GREEN		
PAINT	PT-9	SHERWIN WILLIAMS	EGGSHELL FINISH	SW 6927 GREENBELT		
PAINT	PT-10	SHERWIN WILLIAMS	EGGSHELL FINISH	SW 6832 IMPULSIVE PURPLE		
PAINT	PT-11	SHERWIN WILLIAMS	EGGSHELL FINISH	SW 6579 GALA PINK		
PAINT	PT-12	SHERWIN WILLIAMS	EGGSHELL FINISH	SW 6606 CORAL REEF		
TACKWALL	TW-1	FORBO	BULLETIN BOARD	BLUE BERRY	SEE ELEVATIONS	ALUMINUM TRIM ON ALL EXPOSED EDGES
WALL COVERING	WC-1	MOMENTUM	UPPERCASE	PRIMARY		
WALL COVERING	WC-2	LEVEL - DIGITAL WALLCOVERING	L13-1503 BIG BANG	RAINBOW		
WALL PROTECTION	WP-1	CS CONSTRUCTION SPECIALTIES	D40 ACROVYN 4000	949 WHITE	PARTIAL HEIGHT	
WALL PROTECTION	WP-2	CS CONSTRUCTION SPECIALTIES	D40 ACROVYN 4000	410 BRUSHED SILVER	PARTIAL HEIGHT	
WALL TILE	WT-1	CROSSVILLE	COLOR BY NUMBERS	TEA FOR TWO	4"X8"	



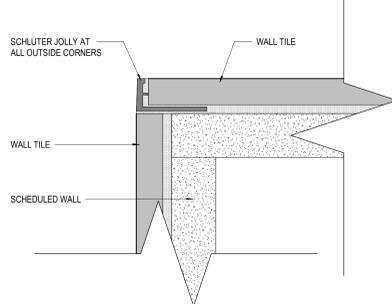
4 DETAIL TYP. PARTIAL HT TILE WALL
6" = 1'-0"



3 DETAIL TYP. TILE WALL AND BASE
6" = 1'-0"



2 DETAIL TYP. TILE BASE
6" = 1'-0"



1 DETAIL TYP. OUTSIDE CORNER TILE DETAIL
12" = 1'-0"

- GENERAL NOTES - FINISH PLANS**
- STANDARDS AND PROCEDURES FOR THE PREPARATION AND APPLICATION OF INTERIOR FINISHES ARE DEFINED IN THE PROJECT MANUAL. FINISH (SUB) CONTRACTORS ARE REQUIRED TO READ, UNDERSTAND AND FOLLOW ALL RELEVANT SECTIONS OF THE PROJECT MANUAL.
 - FINISH MATERIALS ARE LISTED IN THE LEGEND COMPONENT OF THE FINISH SCHEDULE. SPECIFICATIONS ARE INCLUDED IN THE PROJECT MANUAL. ANY CONFLICTS OR DISCREPANCIES BETWEEN THESE TWO SHOULD BE BROUGHT TO THE ARCHITECT'S ATTENTION IMMEDIATELY.
 - NO FINISH MATERIAL SUBSTITUTIONS WILL BE ACCEPTED EXCEPT IN THE SPECIFIC CIRCUMSTANCES ENUMERATED IN THE PROJECT MANUAL.
 - PAINTED HOLLOW METAL DOORS AND FRAMES TO BE PAINTED TO MATCH ADJACENT WALL COLOR UNLESS NOTED OTHERWISE. MATERIAL, FINISH AND COLOR INFORMATION FOR ALL OTHER DOORS AND FRAMES IS CONTAINED IN THE DOOR SCHEDULE AND ITS ASSOCIATED LEGENDS. IF WALLS ON OPPOSITE SIDES OF DOOR FRAME ARE DIFFERENT COLORS THE PAINT COLORS SHOULD BE SPLIT AT THE JAMB OF THE FRAME.
 - ALL VERTICAL TRANSITIONS BETWEEN DIFFERING WALL FINISHES ARE TO BE MADE AT INSIDE CORNERS (UNLESS NOTED OTHERWISE).
 - FLOORING MATERIAL DESIGNATED FOR STAIRS IS TO INCLUDE STAIR AND ALL ASSOCIATED TREADS, RISERS, LANDINGS, ETC. (UNLESS NOTED OTHERWISE).
 - PAINT DESIGNATED FOR METAL STAIR COMPONENTS IS TO INCLUDE ALL EXPOSED METAL COMPONENTS ASSOCIATED WITH THE STAIR SYSTEM ITSELF. ALL EXPOSED STRUCTURAL STEEL COMPONENTS SUPPORTING THE STAIR SYSTEM (UNLESS NOTED OTHERWISE), AND ALL EXPOSED METAL COMPONENTS OF THE HANDRAIL AND GUARDRAIL SYSTEMS (UNLESS NOTED OTHERWISE), UNDERSIDES OF STAIR RUNS AND LANDINGS ARE CONSIDERED "EXPOSED" IN ALL SITUATIONS.
 - FOR CLARITY, SOME FINISH INFORMATION HAS BEEN PRESENTED GRAPHICALLY IN THE FORM OF FINISH AND FLOORING PLANS. SHOULD THERE BE A DISCREPANCY BETWEEN THE FINISH SCHEDULE AND THESE PLANS, THE ARCHITECT SHOULD BE NOTIFIED IMMEDIATELY FOR THE PURPOSE OF BIDDING. INFORMATION DETAILED ON THE FINISH FLOOR PLANS AND FLOORING PLANS IS TO TAKE PRECEDENCE OVER THE FINISH SCHEDULE UNTIL FURTHER CLARIFICATION CAN BE GIVEN. FOR AREAS NOT SPECIFICALLY DETAILED ON THESE PLANS, THE FINISH SCHEDULE PERTAINS.
 - PAINT DESIGNATED FOR EXPOSED OVERHEAD STRUCTURE IS TO INCLUDE ALL EXPOSED COMPONENTS INCLUDING (BUT NOT EXCLUSIVE TO) DECKING, STRUCTURAL MEMBERS, MECHANICAL AND ELECTRICAL DELIVERY SYSTEMS, FIRE PROTECTION SYSTEMS (EXCLUDING SPRINKLER HEADS), AND ALL OTHER MISCELLANEOUS BUILDING SYSTEMS LOCATED OVERHEAD. EACH OF THE AFOREMENTIONED CATEGORIES IS TO INCLUDE ANY AND ALL ASSOCIATED SUPPORTS, FASTENERS, HANGERS, STRUTS, BRACES, BRACKETS, ETC.
 - WHERE RESILIENT BASE IS SPECIFIED (VINYL OR RUBBER) PROVIDE COVE PROFILE BASE AT ALL RESILIENT FLOORS AND STRAIGHT BASE FOR ALL CARPET AREAS (UNLESS OTHERWISE NOTED). HEIGHT AND COLOR TO BE AS INDICATED ON FINISH LEGEND.
 - REFER TO REFLECTED CEILING PLANS AND SPECIFICATION MANUAL FOR ALL CEILING MATERIAL AND FINISH INFORMATION.
 - ALL DRYWALL SOFFITS TO BE PAINTED FLAT WITH CEILING WHITE UNLESS NOTED OTHERWISE ON CEILING PLANS.
 - CERAMIC WALL TILE TO EXTEND FULL WIDTH AND FULL HEIGHT FOR ANY AND ALL SCHEDULED TILED WALLS (UNLESS NOTED OTHERWISE).
 - FOR EPOXY OR INTUMESCENT PAINT COLOR REFER TO PAINT SCHEDULE NUMBERS.
 - WITHIN FINISH SCHEDULE CELLS, SLASH MARKS INDICATE DIFFERENCES IN FINISH MATERIAL WHILE COMMAS INDICATE DIFFERENCES IN PATTERN OR COLOR WITHIN A SPECIFIC MATERIAL.
 - APPROPRIATE METAL OR VINYL TRANSITION STRIPS MUST BE PROVIDED AT ALL FINISH MATERIAL FLOORING CHANGES. GENERAL CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR ALL FLOORING TRANSITIONS AND AREAS IN WHICH FLOORING PATTERNS ARE SHOWN. SEE FLOOR FINISH PLANS, DETAILS AND NOTES FOR SPECIFIC INFORMATION.
 - WALL PAINT INDICATED FOR CURTAIN WALL LOCATIONS APPLIES TO ALL ASSOCIATED DRYWALL COMPONENTS (CURBS, HEADERS, BULKHEADS, ETC.) AND SHOULD NOT BE INTERPRETED AS APPLYING TO CURTAIN WALL COMPONENTS OR GLASS.
 - FLOORING CONTRACTOR(S) IS RESPONSIBLE FOR COORDINATING FINISHED FLOOR ELEVATIONS WITH ALL ANY FLOOR MOUNTED COMPONENTS (RECEPTACLES, ACCESS PANELS, ETC.) SO THAT COMPONENTS ARE INTEGRATED AND FLUSH.

#	DATE	CHANGE DESCRIPTION

CML LINDEN BRANCH
2223 CLEVELAND AVE
COLUMBUS, OH 43211
FOR
COLUMBUS METROPOLITAN LIBRARY

300 SPRUCE STREET
SUITE 300
COLUMBUS, OHIO 43215

PHONE: (614) 461-4664
FAX: (614) 280-8881

DRAWING TITLE:

FINISH LEGEND

NOVEMBER 21, 2023

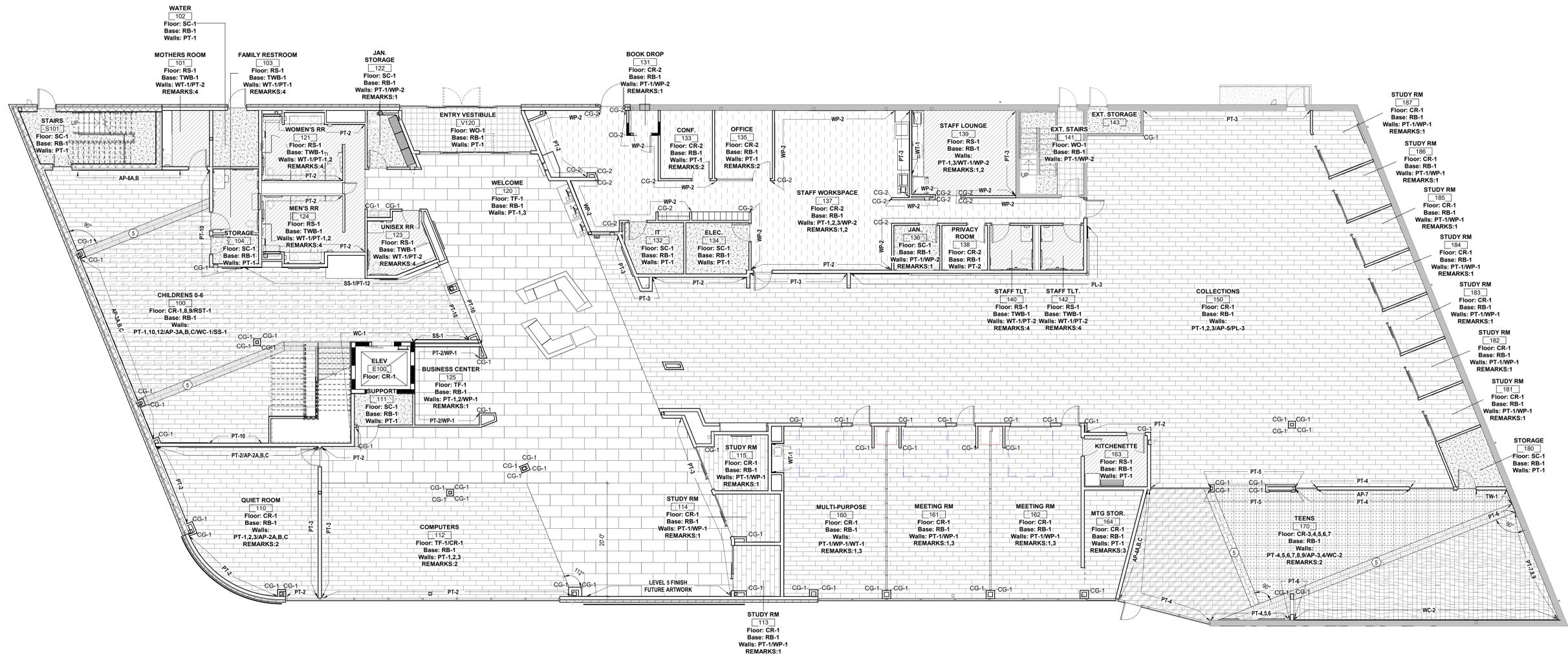
DRAWN BY: LM CHECKED BY: BL

Proj. # 21507.02

A900

PERMIT SET

JONATHAN D. MOODY, LIC. #1215709
EXP. DATE: 12/31/2023



1 PLAN LEVEL 01 - FINISH PLAN - OVERALL
1/8" = 1'-0"



GENERAL NOTES - FINISH PLANS

- STANDARDS AND PROCEDURES FOR THE PREPARATION AND APPLICATION OF INTERIOR FINISHES ARE DEFINED IN THE PROJECT MANUAL. FINISH (SUB) CONTRACTORS ARE REQUIRED TO READ, UNDERSTAND AND FOLLOW ALL RELEVANT SECTIONS OF THE PROJECT MANUAL.
- FINISH MATERIALS ARE LISTED IN THE LEGEND COMPONENT OF THE FINISH SCHEDULE. SPECIFICATIONS ARE INCLUDED IN THE PROJECT MANUAL. ANY CONFLICTS OR DISCREPANCIES BETWEEN THESE TWO SHOULD BE BROUGHT TO THE ARCHITECT'S ATTENTION IMMEDIATELY.
- NO FINISH MATERIAL SUBSTITUTIONS WILL BE ACCEPTED EXCEPT IN THE SPECIFIC CIRCUMSTANCES ENUMERATED IN THE PROJECT MANUAL.
- PAINTED HOLLOW METAL DOORS AND FRAMES TO BE PAINTED TO MATCH ADJACENT WALL COLOR UNLESS NOTED OTHERWISE. MATERIAL, FINISH AND COLOR INFORMATION FOR ALL OTHER DOORS AND FRAMES IS CONTAINED IN THE DOOR SCHEDULE AND ITS ASSOCIATED LEGENDS. IF WALLS ON OPPOSITE SIDES OF DOOR FRAME ARE DIFFERENT COLORS THE PAINT COLORS SHOULD BE SPLIT AT THE JAMB OF THE FRAME.
- ALL VERTICAL TRANSITIONS BETWEEN OFFERING WALL FINISHES ARE TO BE MADE AT INSIDE CORNERS (UNLESS NOTED OTHERWISE).
- FLOORING MATERIAL DESIGNATED FOR STAIRS IS TO INCLUDE STAIR AND ALL ASSOCIATED TREADS, RISERS, LANDINGS, ETC. (UNLESS NOTED OTHERWISE).
- PAINT DESIGNATED FOR METAL STAIR COMPONENTS IS TO INCLUDE ALL EXPOSED METAL COMPONENTS ASSOCIATED WITH THE STAIR SYSTEM ITSELF. ALL EXPOSED STRUCTURAL STEEL COMPONENTS SUPPORTING THE STAIR SYSTEM (UNLESS NOTED OTHERWISE), AND ALL EXPOSED METAL COMPONENTS OF THE HANDRAIL AND GUARDRAIL SYSTEMS (UNLESS NOTED OTHERWISE), UNDERSIDES OF STAIR RUNS AND LANDINGS ARE CONSIDERED "EXPOSED" IN ALL SITUATIONS.
- FOR CLARITY, SOME FINISH INFORMATION HAS BEEN PRESENTED GRAPHICALLY IN THE FORM OF FINISH AND FLOORING PLANS. SHOULD THERE BE A DISCREPANCY BETWEEN THE FINISH SCHEDULE AND THESE PLANS, THE ARCHITECT SHOULD BE NOTIFIED IMMEDIATELY. FOR THE PURPOSE OF BIDDING, INFORMATION DETAILED ON THE FINISH FLOOR PLANS AND FLOORING PLANS IS TO TAKE PRECEDENCE OVER THE FINISH SCHEDULE UNTIL FURTHER CLARIFICATION CAN BE GIVEN. FOR AREAS NOT SPECIFICALLY DETAILED ON THESE PLANS, THE FINISH SCHEDULE PERTAINS.
- PAINT DESIGNATED FOR EXPOSED OVERHEAD STRUCTURE IS TO INCLUDE ALL EXPOSED COMPONENTS INCLUDING (BUT NOT EXCLUSIVE TO) DECKING, STRUCTURAL MEMBERS, MECHANICAL AND ELECTRICAL DELIVERY SYSTEMS, FIRE PROTECTION SYSTEMS (EXCLUDING SPRINKLER HEADS), AND ALL OTHER MISCELLANEOUS BUILDING SYSTEMS LOCATED OVERHEAD. EACH OF THE ABOVE-MENTIONED CATEGORIES IS TO INCLUDE ANY AND ALL ASSOCIATED SUPPORTS, FASTENERS, HANGERS, STRUTS, BRACES, BRACKETS, ETC.
- WHERE RESILIENT BASE IS SPECIFIED (VINYL OR RUBBER) PROVIDE COVE PROFILE BASE AT ALL RESILIENT FLOORS AND STRAIGHT BASE FOR ALL CARPET AREAS (UNLESS OTHERWISE NOTED). HEIGHT AND COLOR TO BE AS INDICATED ON FINISH LEGEND.
- REFER TO REFLECTED CEILING PLANS AND SPECIFICATION MANUAL FOR ALL CEILING MATERIAL AND FINISH INFORMATION.
- ALL DRYWALL SOFFITS TO BE PAINTED FLAT CEILING WHITE UNLESS NOTED OTHERWISE ON CEILING PLANS.
- CERAMIC WALL TILE TO EXTEND FULL WIDTH AND FULL HEIGHT FOR ANY AND ALL SCHEDULED TILED WALLS (UNLESS NOTED OTHERWISE).
- FOR EPOXY OR INTUMESCENT PAINT COLOR REFER TO PAINT SCHEDULE NUMBERS.
- WITHIN FINISH SCHEDULE CELLS, SLASH MARKS INDICATE DIFFERENCES IN FINISH MATERIAL WHILE COMMAS INDICATE DIFFERENCES IN PATTERN OR COLOR WITHIN A SPECIFIC MATERIAL.
- APPROPRIATE METAL OR VINYL TRANSITION STRIPS MUST BE PROVIDED AT ALL FINISH MATERIAL FLOORING CHANGES. GENERAL CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR ALL FLOORING TRANSITIONS AND AREAS IN WHICH FLOORING PATTERNS ARE SHOWN. SEE FLOOR FINISH PLANS, DETAILS AND NOTES FOR SPECIFIC INFORMATION.
- WALL PAINT INDICATED FOR CURTAIN WALL LOCATIONS APPLIES TO ALL ASSOCIATED DRYWALL COMPONENTS (CURBS, HEADERS, BULKHEADS, ETC.) AND SHOULD NOT BE INTERPRETED AS APPLYING TO CURTAIN WALL COMPONENTS OR GLASS.
- FLOORING CONTRACTOR(S) IS RESPONSIBLE FOR COORDINATING FINISHED FLOOR ELEVATIONS WITH ALL ANY FLOOR MOUNTED COMPONENTS (RECEPTACLES, ACCESS PANELS, ETC.) SO THAT COMPONENTS ARE INTEGRATED AND FLUSH.

CODED REMARKS - FINISH PLANS

- WALL PROTECTION TO 4" A.F.F. PAINT ABOVE
- SINGLE ROLLER SHADES, WINDOW SHADE FABRIC WS-1
- DUAL ROLLER SHADES, WITH WINDOW SHADE FABRIC WS-182
- WALL TILE TO 7" A.F.F. PAINT ABOVE
- TWO FULL CARPET TILES WIDE
- ONE FULL CARPET TILE WIDE
- WIDTH TO ALIGN WITH FULL SIZE CARPET TILE
- WINDOW SHADES ONLY AT CLEAR SECTIONS OF GLASS

FLOOR PATTERN LEGEND

CARPET TILE		
CR-1	CR-2	CR-3
CR-4	CR-5	CR-6
CR-7	CR-8	CR-9
CR-10		
RESILIENT FLOORING		
RS-1	RF-1 / RST-1	
SEALED CONCRETE		
SC-1		
TILE FLOOR		
TF-1		
WALK OFF CARPET		
WO-1		

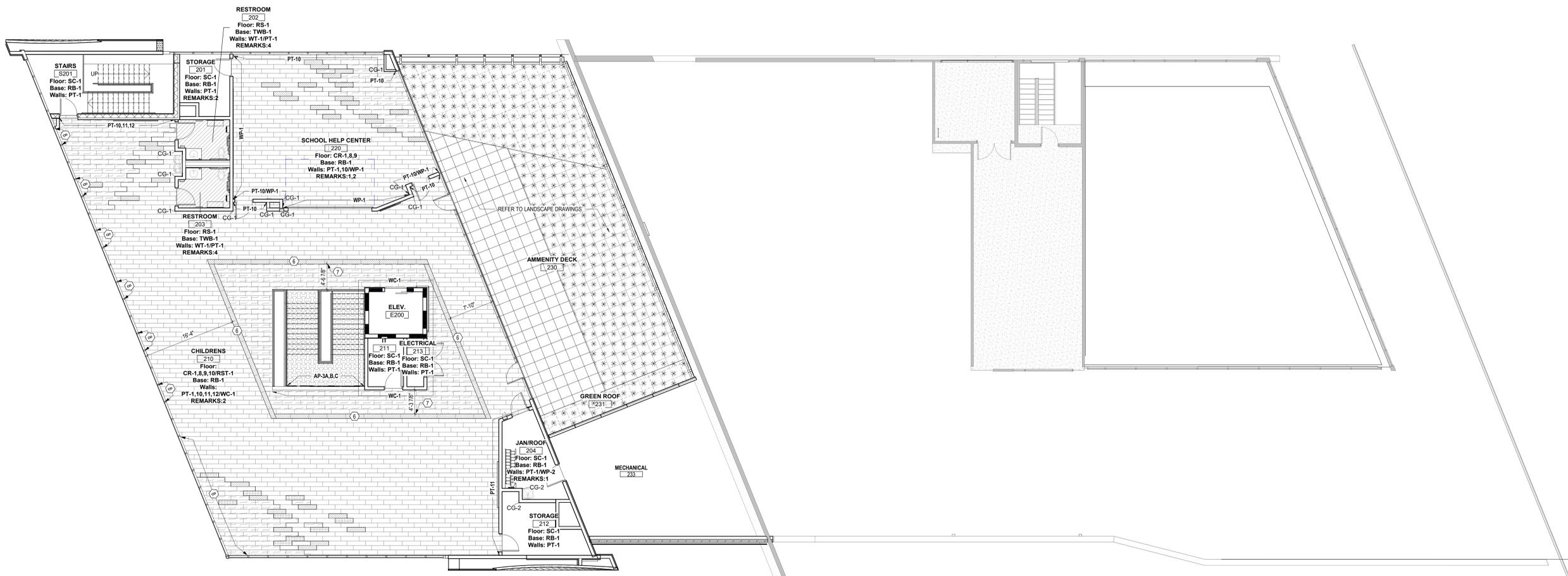
#	DATE	CHANGE DESCRIPTION

CML LINDEN BRANCH
2223 CLEVELAND AVE
COLUMBUS, OH 43211
FOR
COLUMBUS METROPOLITAN LIBRARY

300 SPRUCE STREET
SUITE 300
COLUMBUS, OHIO 43215
PHONE: (614) 461-4664
FAX: (614) 280-8881

LEVEL 01 - FINISH PLAN - OVERALL

NOVEMBER 21, 2023
DRAWN BY: LM CHECKED BY: BL
Proj. # 21507.02
A901
PERMIT SET



1 PLAN LEVEL 02U - FINISH PLAN
1/8" = 1'-0"



GENERAL NOTES - FINISH PLANS		CODED REMARKS - FINISH PLANS		FLOOR PATTERN LEGEND		#	DATE	CHANGE DESCRIPTION
1. STANDARDS AND PROCEDURES FOR THE PREPARATION AND APPLICATION OF INTERIOR FINISHES ARE DEFINED IN THE PROJECT MANUAL. FINISH (SUB) CONTRACTORS ARE REQUIRED TO READ, UNDERSTAND AND FOLLOW ALL RELEVANT SECTIONS OF THE PROJECT MANUAL.	9. PAINT DESIGNATED FOR EXPOSED OVERHEAD STRUCTURE IS TO INCLUDE ALL EXPOSED COMPONENTS INCLUDING (BUT NOT EXCLUSIVE TO) DECKING, STRUCTURAL MEMBERS, MECHANICAL AND ELECTRICAL DELIVERY SYSTEMS, FIRE PROTECTION SYSTEMS (EXCLUDING SPRINKLER HEADS), AND ALL OTHER MISCELLANEOUS BUILDING SYSTEMS LOCATED OVERHEAD. EACH OF THE ABOVE-MENTIONED CATEGORIES IS TO INCLUDE ANY AND ALL ASSOCIATED SUPPORTS, FASTENERS, HANGERS, STRUTS, BRACES, BRACKETS, ETC.	1. WALL PROTECTION TO 4' A.F.F. PAINT ABOVE	2. SINGLE ROLLER SHADES, WINDOW SHADE FABRIC WS-1	CR-1	CR-2	CR-3		
2. FINISH MATERIALS ARE LISTED IN THE LEGEND COMPONENT OF THE FINISH SCHEDULE. SPECIFICATIONS ARE INCLUDED IN THE PROJECT MANUAL. ANY CONFLICTS OR DISCREPANCIES BETWEEN THESE TWO SHOULD BE BROUGHT TO THE ARCHITECT'S ATTENTION IMMEDIATELY.	10. WHERE RESILIENT BASE IS SPECIFIED (VINYL OR RUBBER) PROVIDE COVE PROFILE BASE AT ALL RESILIENT FLOORS AND STRAIGHT BASE FOR ALL CARPET AREAS (UNLESS OTHERWISE NOTED). HEIGHT AND COLOR TO BE AS INDICATED ON FINISH LEGEND.	3. CERAMIC WALL TILE TO EXTEND FULL WIDTH AND FULL HEIGHT FOR ANY AND ALL SCHEDULED TILED WALLS (UNLESS NOTED OTHERWISE).	4. FOR EPOXY OR INTUMESCENT PAINT COLOR REFER TO PAINT SCHEDULE NUMBERS.	CR-4	CR-5	CR-6		
3. NO FINISH MATERIAL SUBSTITUTIONS WILL BE ACCEPTED EXCEPT IN THE SPECIFIC CIRCUMSTANCES ENUMERATED IN THE PROJECT MANUAL.	11. REFER TO REFLECTED CEILING PLANS AND SPECIFICATION MANUAL FOR ALL CEILING MATERIAL AND FINISH INFORMATION.	5. ALL VERTICAL TRANSITIONS BETWEEN DIFFERING WALL FINISHES ARE TO BE MADE AT INSIDE CORNERS (UNLESS NOTED OTHERWISE).	12. ALL DRYWALL SOFFITS TO BE PAINTED FLAT CEILING WHITE UNLESS NOTED OTHERWISE ON CEILING PLANS.	CR-7	CR-8	CR-9		
4. PAINTED HOLLOW METAL DOORS AND FRAMES TO BE PAINTED TO MATCH ADJACENT WALL COLOR UNLESS NOTED OTHERWISE. MATERIAL, FINISH AND COLOR INFORMATION FOR ALL OTHER DOORS AND FRAMES IS CONTAINED IN THE DOOR SCHEDULE AND ITS ASSOCIATED LEGENDS. IF WALLS ON OPPOSITE SIDES OF DOOR FRAME ARE DIFFERENT COLORS THE PAINT COLORS SHOULD BE SPLIT AT THE JAMB OF THE FRAME.	13. WITHIN FINISH SCHEDULE CELLS, SLASH MARKS INDICATE DIFFERENCES IN FINISH MATERIAL WHILE COMMAS INDICATE DIFFERENCES IN PATTERN OR COLOR WITHIN A SPECIFIC MATERIAL.	6. FLOORING MATERIAL DESIGNATED FOR STAIRS IS TO INCLUDE STAIR AND ALL ASSOCIATED TREADS, RISERS, LANDINGS, ETC. (UNLESS NOTED OTHERWISE).	14. APPROPRIATE METAL OR VINYL TRANSITION STRIPS MUST BE PROVIDED AT ALL FINISH MATERIAL FLOORING CHANGES. GENERAL CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR ALL FLOORING TRANSITIONS AND AREAS IN WHICH FLOORING PATTERNS ARE SHOWN. SEE FLOOR FINISH PLANS, DETAILS AND NOTES FOR SPECIFIC INFORMATION.	RESILIENT FLOORING	RS-1	RF-1/RST-1		
5. ALL VERTICAL TRANSITIONS BETWEEN DIFFERING WALL FINISHES ARE TO BE MADE AT INSIDE CORNERS (UNLESS NOTED OTHERWISE).	15. WALL PAINT INDICATED FOR CURTAIN WALL LOCATIONS APPLIES TO ALL ASSOCIATED DRYWALL COMPONENTS (CURBS, HEADERS, BULKHEADS, ETC.) AND SHOULD NOT BE INTERPRETED AS APPLYING TO CURTAIN WALL COMPONENTS OR GLASS.	7. PAINT DESIGNATED FOR METAL STAIR COMPONENTS IS TO INCLUDE ALL EXPOSED METAL COMPONENTS ASSOCIATED WITH THE STAIR SYSTEM ITSELF, ALL EXPOSED STRUCTURAL STEEL COMPONENTS SUPPORTING THE STAIR SYSTEM (UNLESS NOTED OTHERWISE), AND ALL EXPOSED METAL COMPONENTS OF THE HANDRAIL AND GUARDRAIL SYSTEMS (UNLESS NOTED OTHERWISE). UNDERSIDES OF STAIR RUNS AND LANDINGS ARE CONSIDERED "EXPOSED" IN ALL SITUATIONS.	16. FLOORING CONTRACTOR(S) IS RESPONSIBLE FOR COORDINATING FINISHED FLOOR ELEVATIONS WITH ALL ANY FLOOR MOUNTED COMPONENTS (RECEPTACLES, ACCESS PANELS, ETC.) SO THAT COMPONENTS ARE INTEGRATED AND FLUSH.	SEALED CONCRETE	SC-1	TF-1		
6. FLOORING MATERIAL DESIGNATED FOR STAIRS IS TO INCLUDE STAIR AND ALL ASSOCIATED TREADS, RISERS, LANDINGS, ETC. (UNLESS NOTED OTHERWISE).		8. FOR CLARITY, SOME FINISH INFORMATION HAS BEEN PRESENTED GRAPHICALLY IN THE FORM OF FINISH AND FLOORING PLANS. SHOULD THERE BE A DISCREPANCY BETWEEN THE FINISH SCHEDULE AND THESE PLANS, THE ARCHITECT SHOULD BE NOTIFIED IMMEDIATELY FOR THE PURPOSE OF BIDDING. INFORMATION DETAILED ON THE FINISH FLOOR PLANS AND FLOORING PLANS IS TO TAKE PRECEDENCE OVER THE FINISH SCHEDULE UNTIL FURTHER CLARIFICATION CAN BE GIVEN. FOR AREAS NOT SPECIFICALLY DETAILED ON THESE PLANS, THE FINISH SCHEDULE PERTAINS.		WALK OFF CARPET	WO-1			
7. PAINT DESIGNATED FOR METAL STAIR COMPONENTS IS TO INCLUDE ALL EXPOSED METAL COMPONENTS ASSOCIATED WITH THE STAIR SYSTEM ITSELF, ALL EXPOSED STRUCTURAL STEEL COMPONENTS SUPPORTING THE STAIR SYSTEM (UNLESS NOTED OTHERWISE), AND ALL EXPOSED METAL COMPONENTS OF THE HANDRAIL AND GUARDRAIL SYSTEMS (UNLESS NOTED OTHERWISE). UNDERSIDES OF STAIR RUNS AND LANDINGS ARE CONSIDERED "EXPOSED" IN ALL SITUATIONS.								

CML LINDEN BRANCH
2223 CLEVELAND AVE
COLUMBUS, OH 43211
FOR
COLUMBUS METROPOLITAN LIBRARY

300 SPRUCE STREET
SUITE 300
COLUMBUS, OHIO 43215
PHONE: (614) 461-4664
FAX: (614) 280-8881

DRAWING TITLE:
LEVEL 02 - FINISH PLAN - OVERALL

NOVEMBER 21, 2023
DRAWN BY: LM CHECKED BY: BL
Proj. # 21507.02
A902
PERMIT SET

JONATHAN D. MOODY, LIC. #1215709
REGISTERED ARCHITECT
EXP. DATE: 12/31/2023



1 LEVEL 01 - FURNITURE PLAN

1/8" = 1'-0"

NOTE: FURNITURE PLAN SHOWN FOR REFERENCE ONLY - FURNITURE TO BE PURCHASED IN FUTURE FFE BID PACKAGE

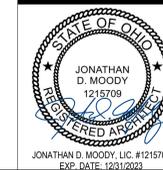


#	DATE	CHANGE DESCRIPTION

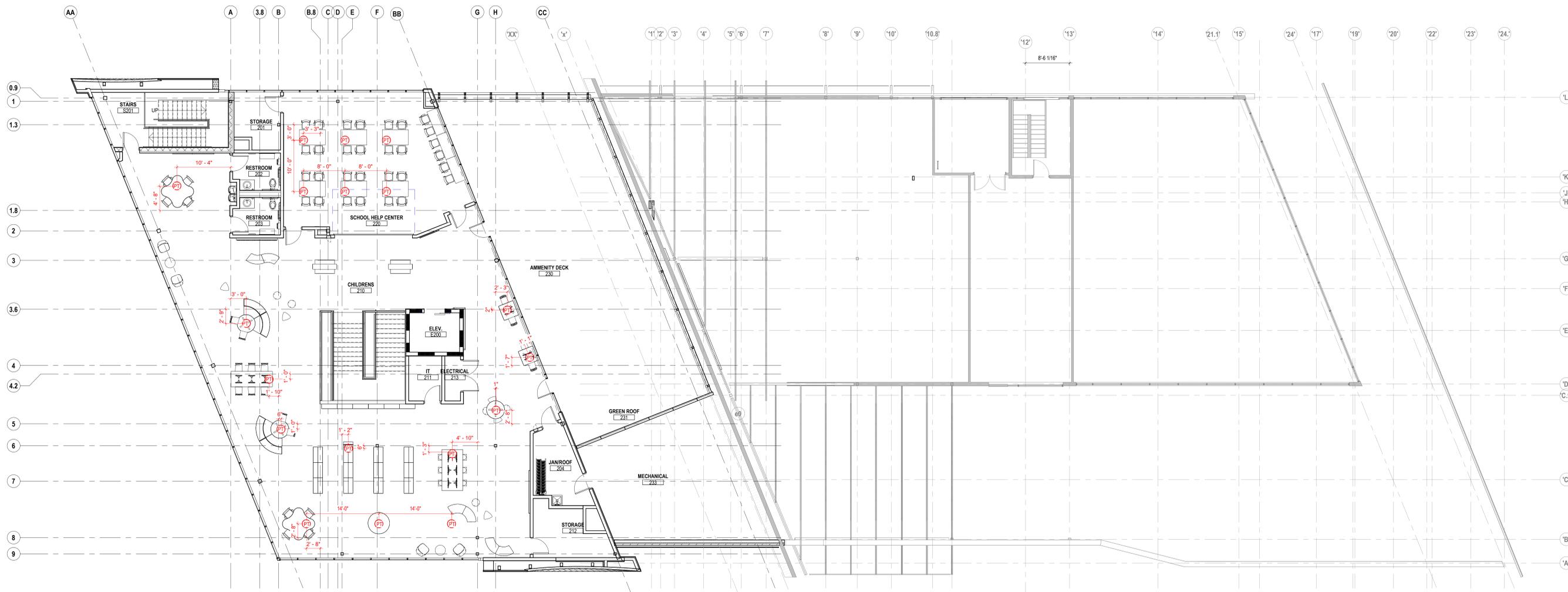
CML LINDEN BRANCH
 2223 CLEVELAND AVE
 COLUMBUS, OH 43211
 FOR
COLUMBUS METROPOLITAN LIBRARY

MOODY-NOLAN
 300 SPRUCE STREET
 SUITE 300
 COLUMBUS, OHIO 43215
 PHONE: (614) 461-4664
 FAX: (614) 280-8881

DRAWING TITLE:
LEVEL 01 - FURNITURE PLAN



NOVEMBER 21, 2023
 DRAWN BY: LM CHECKED BY: BL
 Proj. # 21507.02
A1001
 PERMIT SET



1 LEVEL 02 - FURNITURE PLAN
 1/8" = 1'-0" NOTE: FURNITURE PLAN SHOWN FOR REFERENCE ONLY - FURNITURE TO BE PURCHASED IN FUTURE FFE BID PACKAGE



#	DATE	CHANGE DESCRIPTION

CML LINDEN BRANCH
 2223 CLEVELAND AVE
 COLUMBUS, OH 43211
 FOR
COLUMBUS METROPOLITAN LIBRARY

MOODY-NOLAN
 300 SPRUCE STREET
 SUITE 300
 COLUMBUS, OHIO 43215
 PHONE: (614) 461-4664
 FAX: (614) 280-8881

LEVEL 02 - FURNITURE PLAN

	NOVEMBER 21, 2023
	DRAWN BY: LM CHECKED BY: BL
	Proj. # 21507.02
A1002	
PERMIT SET	

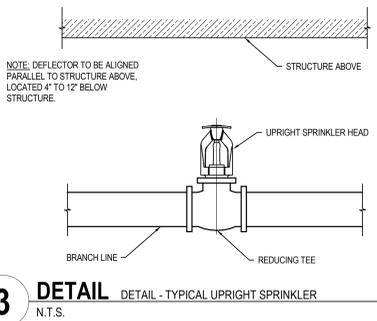
ABBREVIATIONS	
NOTE: NOT ALL ABBREVIATIONS MAY BE USED.	
(A)	EXISTING TO BE ABANDONED
(D)	EXISTING TO BE DEMOLISHED
(E)	EXISTING TO REMAIN
(F)	FUTURE
(R)	EXISTING TO BE RELOCATED
ABV	ABOVE
AFF	ABOVE FINISHED FLOOR
APPROX	APPROXIMATE
AUTO	AUTOMATIC
AVG	AVERAGE
BF	BELOW FLOOR
BFV	BUTTERFLY VALVE
BLDG	BUILDING
BOP	BOTTOM OF PIPE
CAP	CAPACITY
CONN	CONNECTION OR CONNECT
CONT	CONTINUATION
CU FT	CUBIC FEET
CU IN	CUBIC INCH
D	DRAIN
DCDA	DOUBLE CHECK DETECTOR ASSEMBLY
DEPT	DEPARTMENT
DIA	DIAMETER
DN	DOWN
DWG	DRAWING
EL	ELEVATION
EQUIP	EQUIPMENT
EXP	EXPANSION
EXIST	EXISTING
F	FIRE PROTECTION WATER SUPPLY
F	DEGREES FAHRENHEIT
FDC	FIRE DEPARTMENT CONNECTION
FIN FL EL	FINISHED FLOOR ELEVATION
FP	FIRE PROTECTION
FS	FLOW SWITCH
FT	FOOT OR FEET
FVC	FIRE VALVE CABINET
GA	GAUGE
GAL	GALLONS
GPM	GALLONS PER MINUTE
HD	HEAD
HGT	HEIGHT
HP	HORSEPOWER
HVAC	HEATING, VENTILATING, AND AIR CONDITIONING
IN	INCHES
KW	KILOWATT
LB	POUNDS
LF	LINEAR FEET
LG	LENGTH
MAX	MAXIMUM
MECH	MECHANICAL
MFG	MANUFACTURER
MIN	MINIMUM
N/A	NOT APPLICABLE
NC	NORMALLY CLOSED
NIC	NOT IN CONTRACT
NO	NORMALLY OPEN
NTS	NOT TO SCALE
OFCI	OWNER FURNISHED CONTRACTOR INSTALLED
PLBG	PLUMBING
PRESS	PRESSURE
PRV	PRESSURE REDUCING VALVE
PS	PRESSURE SWITCH
PSI	POUNDS PER SQUARE INCH
PSIG	PSI GAUGE
RPM	REVOLUTIONS PER MINUTE
SEC	SECOND
SPEC	SPECIFICATION
STSL	STAINLESS STEEL
STD	STANDARD
STR	STRAINER
TE	TOP ELEVATION
TOP	TOP OF PIPE
TS	TAMPER SWITCH
TYP	TYPICAL
UNO	UNLESS NOTED OTHERWISE
W	WATER
WG	WATER GAUGE
WGT	WEIGHT
WPV	SUPERVISED WALL POST INDICATOR VALVE

SYMBOLS LIST	
PIPING	
EXISTING TO REMAIN	(E)
EXISTING TO BE DEMOLISHED	(D)
EXISTING ABANDONED	(A)
FIRE PROTECTION	F
FIRE PROTECTION AREA	(F)
PIPING (FITTINGS, VALVES, AND MISCELLANEOUS)	
DROP	
RISE	
TEE	
CAP	
FLOW ARROW	
PUMP	
GLOBE VALVE	
SOLENOID VALVE	
SUPERVISED VALVE	
PRESSURE REDUCING VALVE	
OUTSIDE STEM & YOKE VALVE	
DOUBLE DETECTOR CHECK ASSEMBLY	
BUTTERFLY VALVE	
BALL VALVE	
CHECK VALVE	
STRAINER	
UNION	
PIPE SLEEVE	
FLOW SWITCH	
PRESSURE SWITCH	
UPRIGHT SPRINKLER HEAD	
PENDANT OR CONCEALED SPRINKLER HEAD	
SIDEWALL SPRINKLER HEAD	
DRY-PIPE BARREL SIDEWALL SPRINKLER HEAD	
FIRE DEPARTMENT CONNECTION	
PRESSURE GAUGE WITH STOPOCK	
NOTATIONS	
CONNECT TO EXISTING	
BEGINNING AND/OR END OF DEMOLITION	

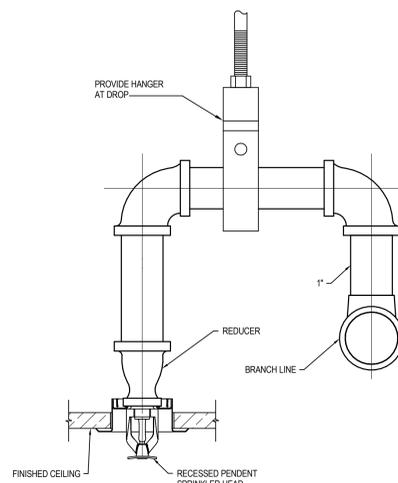
FLOW TEST INFORMATION	
STATIC PRESSURE:	59 PSI
RESIDUAL PRESSURE:	52 PSI
HYDRANT FLOW:	1580 GPM
PITOT:	13 PSI
FLOW @ 20 PSI:	3940 GPM
FLOW HYDRANT:	2W OF CLEVELAND AVE ON KENMORE RD
PRESSURE HYDRANT:	1W OF CLEVELAND AVE ON KENMORE RD
MAIN SIZE:	8"
ELEVATION:	856
TEST DATE:	03/08/2023
TEST TIME:	10:40 AM
TEST BY:	CITY OF COLUMBUS DIVISION OF WATER

- GENERAL FIRE PROTECTION NOTES:
- THESE DRAWINGS ARE DIAGRAMMATIC IN NATURE AND ARE NOT INTENDED TO SHOW THE EXACT LOCATIONS OF COMPONENTS, NOR SHOW ALL SYSTEM COMPONENTS. CONTRACTOR SHALL PROVIDE ADDITIONAL OFFSETS OR FITTINGS REQUIRED FOR PROPER INSTALLATION, COORDINATION WITH OTHER TRADES, AND/OR TO MAINTAIN PROPER CLEARANCES.
 - DRAWINGS ARE NOT TO BE SCALED. DIMENSIONS SHALL GOVERN. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS AT THE JOB SITE CONCERNING EXISTING AND NEW WORK BEFORE PROCEEDING WITH EITHER FABRICATION OR INSTALLATION IN MECHANICAL AREAS WITH NUMEROUS OBSTRUCTIONS INCLUDING DUCTWORK, EQUIPMENT AND PIPING. THIS WILL REQUIRE ON SITE CUTTING AND VERIFICATION.
 - ANY INFORMATION CONFLICTS BETWEEN THE SPECIFICATIONS AND DRAWINGS SHALL BE BROUGHT TO THE ENGINEERS ATTENTION. THE CONTRACTOR(S) SHALL NOT PROCEED WITH ANY WORK, EXCEPT AT THEIR OWN RISK, UNTIL CLARIFICATIONS OF THE CONFLICTS ARE ISSUED TO THE CONTRACTOR(S) BY THE ENGINEER.
 - ALL MATERIAL AND LABOR SHALL BE UNDER WARRANTY FOR ONE YEAR FROM THE DATE OF FINAL ACCEPTANCE BY THE OWNER. ANY NEW DEVICES OR EQUIPMENT FOUND FAULTY SHALL BE REPLACED AS PART OF THE WARRANTY.
 - A SET OF APPROVED DRAWINGS SHALL BE MAINTAINED ON SITE AND ALL FIELD CHANGES SHALL BE RED LINED ON THE DRAWINGS. CONTRACTOR SHALL PREPARE AS-BUILT DRAWINGS IN ELECTRONIC (PDF) FORMAT, REFLECTING ACCURATE FIELD CONDITIONS.
 - THE CONTRACTOR SHALL PREPARE AND SUBMIT SHOP DRAWINGS FOR THE SPRINKLER SYSTEMS SHOWING ALL SPRINKLER LOCATIONS, SPACED AND LOCATED IN ACCORDANCE WITH NFPA 13. THE SHOP DRAWINGS SHALL BE APPROVED IN WRITING PRIOR TO STARTING THE INSTALLATION.
 - ALL PENETRATIONS THROUGH FIRE RESISTANCE RATED CONSTRUCTION SHALL BE PROVIDED A UL LISTED THROUGH PENETRATION FIRESTOP ASSEMBLY. THE RATINGS OF ALL FIRESTOP ASSEMBLIES SHALL BE GREATER THAN OR EQUAL TO THE RATING OF THE PENETRATED BARRIER.
 - CORE DRILL PENETRATIONS IN CONCRETE FLOORS OR WALLS 1-2 INCHES LARGER THAN THE PIPE DIAMETER OF THE PENETRATING PIPE.
 - ALL OPENINGS OR DAMAGE TO EXISTING WALLS, CEILINGS, FLOORS AND STRUCTURAL MEMBERS FROM PENETRATIONS, REMOVALS, INSTALLATIONS OR OTHER ACTIONS OF THE CONTRACTOR SHALL BE PATCHED, REPAIRED AND PAINTED WITH NEW MATERIALS BY THE CONTRACTOR TO MATCH ADJACENT WORK, WHETHER SPECIFICALLY NOTED OR NOT. REPAIRS ARE AT THE CONTRACTOR'S EXPENSE.
 - DUCTWORK, PIPING, MECHANICAL EQUIPMENT AND CEILINGS SHALL NOT BE UTILIZED AS LADDERS, SCAFFOLDING OR WORK PLATFORMS.
 - NO STRUCTURAL MEMBERS SHALL BE CUT, DRILLED, OR BURNED WITHOUT THE KNOWLEDGE AND WRITTEN APPROVAL OF THE OWNER.
 - ALL ELEVATIONS ABOVE FINISHED FLOOR (AFF) INDICATED FOR STRUCTURAL MEMBERS AND CEILINGS ARE APPROXIMATE. VARIANCES OF +/- 1" CAN BE EXPECTED DUE TO SLOPING FLOORS AND STRUCTURAL MEMBERS.
 - THE SPRINKLER SYSTEM SHALL BE IN ACCORDANCE WITH NFPA 13.
 - WATER SUPPLIES SHALL BE CALCULATED BY USING THE LATEST WATER FLOW INFORMATION AND ALLOWING FOR A 10% REDUCTION OF THE STATED PRESSURES OR 5 P.S.I., WHICHEVER IS GREATER, AS AN ALLOWANCE FOR SEASONAL VARIATIONS IN WATER SUPPLY.
 - EQUIPMENT, MATERIALS, INSTALLATION WORKMANSHIP, EXAMINATION AND TESTING SHALL BE IN ACCORDANCE WITH NFPA 13 EXCEPT AS MODIFIED HEREIN. INSTALL PIPING STRAIGHT AND TRUE TO BEAR EVENLY ON HANGARS AND SUPPORTS. PIPE SHALL NOT INTERFERE WITH OTHER EQUIPMENT AND CONSTRUCTION. AUTOMATIC SPRINKLERS SHALL BE PERPENDICULAR TO CEILINGS. THE AUTOMATIC SPRINKLER COVER PLATES SHALL NOT BE FIELD PAINTED.
 - CONTRACTOR SHALL BE RESPONSIBLE FOR AVOIDING ALL CONFLICTS WITH LIGHTING FIXTURES, DIFFUSERS, GRILLS, DUCTS, STRUCTURAL MEMBERS, MECHANICAL EQUIPMENT AND PIPES. SPRINKLERS INSTALLED IN PROXIMITY TO OBSTRUCTIONS SHALL BE LOCATED TO MINIMIZE OBSTRUCTION TO DISCHARGE IN ACCORDANCE WITH NFPA 13.
 - NO FABRICATION OR INSTALLATION IS ALLOWED WITHOUT APPROVED SHOP DRAWING SUBMITTALS.
 - CONTRACTOR SHALL SUBMIT SYSTEM CATALOG PRODUCT DATA SHEETS AND SAMPLES OF ALL COMPONENTS PROPOSED FOR USE PRIOR TO INSTALLATION FOR APPROVAL. SHOP DRAWINGS SHALL BE SUBMITTED FOR APPROVAL AND SHALL INCLUDE ALL ITEMS REQUIRED BY NFPA 13.
 - ONLY LISTED AND APPROVED DEVICES AND MATERIALS AS SPECIFIED IN NFPA 13 SHALL BE INSTALLED THROUGHOUT THE SYSTEM. COMPONENT OF THE SPRINKLER SYSTEM SHALL BE LISTED AS A PRODUCT BY THE MANUFACTURER UNDER THE APPROPRIATE CATEGORY FOR THE INTENDED USE BY UNDERWRITERS LABORATORIES INC. (UL) OR FACTORY MUTUAL (FM) AND SHALL BEAR THE "UL" OR "FM" LABEL, AS APPROPRIATE.
 - THE COMPONENTS OF HANGER ASSEMBLIES THAT DIRECTLY ATTACH TO THE PIPE OR TO THE BUILDING SHALL BE LISTED IN ACCORDANCE WITH NFPA 13.
 - SPRINKLER SYSTEM PIPING SHALL NOT SHARE SUPPORTS WITH OTHER BUILDING SYSTEMS/MECHANICAL AREAS. PIPING SHALL NOT BE ATTACHED TO THE DUCT WORK. STATIONS SHALL BE USED WHERE PIPING IS UNABLE TO BE HUNG FROM ABOVE.
 - ONLY LISTED AND APPROVED NEW SPRINKLERS SHALL BE EMPLOYED IN THE INSTALLATION OF THE SPRINKLER SYSTEM.
 - ENSURE SPRINKLER TEMPERATURE RATINGS ARE IN ACCORDANCE WITH NFPA 13 REQUIREMENTS FOR PROXIMITY TO HEAT GENERATING DEVICES.
 - CONTRACTOR SHALL MAKE PROVISIONS TO ENSURE ADEQUATE DRAINAGE OF ALL PIPING IN ACCORDANCE WITH NFPA 13. ALL DRAINS DISCHARGE SHALL BE PIPED TO DESIGNATED AREAS. LOCATION OF ALL OUTSIDE DISCHARGE POINTS SHALL BE COORDINATED WITH THE OWNER.
 - THE CONTRACTOR SHALL PROVIDE LOW POINT DRAINS AS REQUIRED BY NFPA 13. ALL LOW POINTS SHALL BE MARKED WITH SIGNAGE INDICATING "AUXILIARY DRAIN".
 - PROVIDE DRAINS AND INSPECTOR'S TEST DISCHARGE TO DESIGNATED LOCATIONS.
 - ALL SPRINKLER PIPING SHALL BE INSTALLED SO THAT ALL PORTIONS OF THE SYSTEM CAN BE DRAINED BACK THROUGH DRAIN VALVE OR LOW POINT DRAINS PROVIDED.
 - UPON COMPLETION OF INSTALLATION, ALL PIPING SHALL BE PRESSURE TESTED IN ACCORDANCE WITH NFPA 13 FOR TWO (2) HOURS AT A PRESSURE OF 200 PSI OR 80 PSI ABOVE THE MAXIMUM WORKING PRESSURE OF THE SYSTEM FOR NEW SYSTEM OR USING HYDROSTATIC TEST AT THE SYSTEM WORKING PRESSURE FOR THE EXISTING SYSTEM TO ADD NEW SPRINKLER SYSTEM. ALL TESTS SHALL BE WITNESSED AND ACCEPTED BY THE AUTHORITY HAVING JURISDICTION.
 - REPLACE PIPING SYSTEM COMPONENTS THAT DO NOT PASS HYDROSTATIC TEST PROCEDURES AND RETEST TO DEMONSTRATE COMPLIANCE. REPEAT PROCEDURE UNTIL SATISFACTORY RESULTS ARE OBTAINED.
 - FLUSHING SHALL BE PERFORMED IN ACCORDANCE WITH NFPA 25. REPORT FLUSHING AND HYDROSTATIC TEST RESULTS PROMPTLY AND IN WRITING TO THE OWNER. CONTRACTOR SHALL PROVIDE CONTRACTOR'S MATERIAL AND TEST CERTIFICATE FOR THE SPRINKLER SYSTEMS.
 - SPRINKLERS SHALL BE PROVIDED THROUGHOUT BUILDING INCLUDING BUT NOT LIMITED TO: ELECTRIC ROOMS AND CLOSETS, TELECOM CLOSETS, AND ENTRY VESTIBULES, STAIRWELLS, AT THE MAIN LANDING, UTILIZING UPRIGHT SPRINKLERS, BELOW DUCTS, GROUPS OF DUCTS OR OTHER OBSTRUCTIONS GREATER THAN 48" WIDE IN EXPOSED CONSTRUCTION AREAS, PER NFPA-13 REQUIREMENTS.
 - PIPING IN AREAS WITH FINISHED CEILINGS SHALL BE INSTALLED ABOVE FINISHED CEILINGS.
 - ALL SPRINKLER SYSTEM VALVES SHALL BE OF THE INDICATING TYPE AND PROVIDED WITH ELECTRICAL SUPERVISORY (TAMPER) SWITCHES INTERCONNECTED WITH THE BUILDING FIRE ALARM SYSTEM. THE FLOW SWITCH SHALL ALSO BE INTERCONNECTED WITH THE FIRE ALARM SYSTEM TO ALARM WHEN FLOW IN THAT ZONE OCCURS.
 - CONTRACTOR SHALL PROVIDE LABELS (WITH FLOW ARROWS) FOR ALL EXPOSED PIPING IN ACCORDANCE WITH OSHA STANDARDS AND NFPA 13.
 - CONTRACTOR SHALL CONDUCT FIRE HYDRANT FLOW TESTS TO OBTAIN HYDRAULIC DATA NEEDED TO PREPARE DESIGN FOR HYDRAULICALLY CALCULATED SYSTEM.
 - CONTRACTOR SHALL PROVIDE HYDROSTATIC TEST, FINAL FLOW TEST UPON COMPLETION OF ALL SYSTEM WORK, AND BACKFLOW PREVENTER TEST REPORT PER NFPA 13 TO FIRE DEPARTMENT UPON COMPLETION OF WORK.
 - SPRINKLERS SHALL BE LOCATED IN CENTER OF CEILING TILES, OR CENTER OF SHORT SIDE OF TILE AND AT QUARTER POINTS OF LONG SIDE OF TILE, WHERE APPLICABLE, AND SHALL BE LOCATED IN RELATIONSHIP TO LIGHTING FIXTURES AND HVAC DIFFUSERS TO MAINTAIN A SYMMETRICAL PATTERN FOR AN AESTHETICALLY PLEASING EFFECT. NO PIPING SHALL BE EXPOSED WITH THE EXCEPTION OF PIPING IN AREAS WITH NO CEILINGS.
 - PROVIDE ADDITIONAL SPRINKLERS BEYOND CODE REQUIRED MINIMUMS TO PROVIDE SYMMETRICAL LAYOUTS.
 - PROVIDE A TEST CONNECTION DOWNSTREAM OF THE BACKFLOW PREVENTION DEVICE. SIZE SHALL BE ADEQUATE TO PROVIDE FOR FLOW TEST SYSTEM DEMAND. PROVIDE SUPERVISED SWITCH ON ALL VALVES.
 - NO SPRINKLER PIPING SHALL BE INSTALLED PASSING THROUGH ELECTRICAL ROOMS OR OVER ELECTRICAL PANELS / EQUIPMENT WHICH SERVES OTHER AREAS. COORDINATE THE LOCATION OF ALL PIPING WITH ELECTRICAL EQUIPMENT AND OTHER TRADES AND ADJUST AS NECESSARY.
 - MAKE REASONABLE AND NECESSARY MODIFICATIONS IN LAYOUTS AND COMPONENTS NEEDED TO PREVENT CONFLICTS WITH WORK OF OTHER TRADES AND TO COORDINATE IN ACCORDANCE WITH SPECIFICATIONS.
 - MAINTAIN MAXIMUM HEADROOM AT ALL LOCATIONS. ALL PIPING TO BE AS TIGHT TO THE UNDERSIDE OF DECK AS POSSIBLE. AL EXPOSED PIPING SHALL BE APPROVED BY ARCHITECT AND SHALL MAINTAIN REQUIRED CLEARANCES.
 - PROVIDE AND INSTALL GUARDS ON SPRINKLERS SUSCEPTIBLE TO MECHANICAL DAMAGE INCLUDING, BUT NOT LIMITED TO, SPRINKLERS IN MECHANICAL ROOMS AND SPRINKLERS INSTALLED LESS THAN 7' AFF.
 - CONTRACTOR TO PROVIDE COPY OF NFPA 25 TO OWNER UPON COMPLETION OF PROJECT, AS REQUIRED PER NFPA 13.

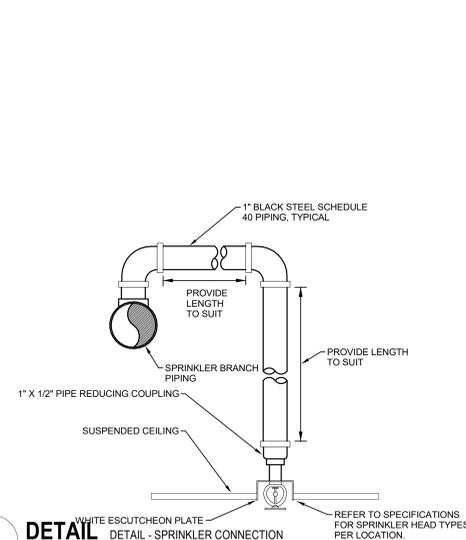
SPRINKLER SYSTEM					
DESIGN DENSITY & SPRINKLER COVERAGE CHART					
HAZARD CLASSIFICATION	AREA	DENSITY (GPM/SQ. FT)	MAXIMUM COVERAGE AREA PER SPRINKLER (SQ. FT)	DESIGN AREA (SQ. FT)	
LH	LIGHT HAZARD	0.10	225	1500	
OH1	ORDINARY HAZARD GROUP 1	0.15	130	1500	



3 DETAIL - TYPICAL UPRIGHT SPRINKLER
N.T.S.



2 DETAIL - TYPICAL PENDANT SPRINKLER
N.T.S.



1 DETAIL - SPRINKLER CONNECTION
N.T.S.

#	DATE	CHANGE DESCRIPTION

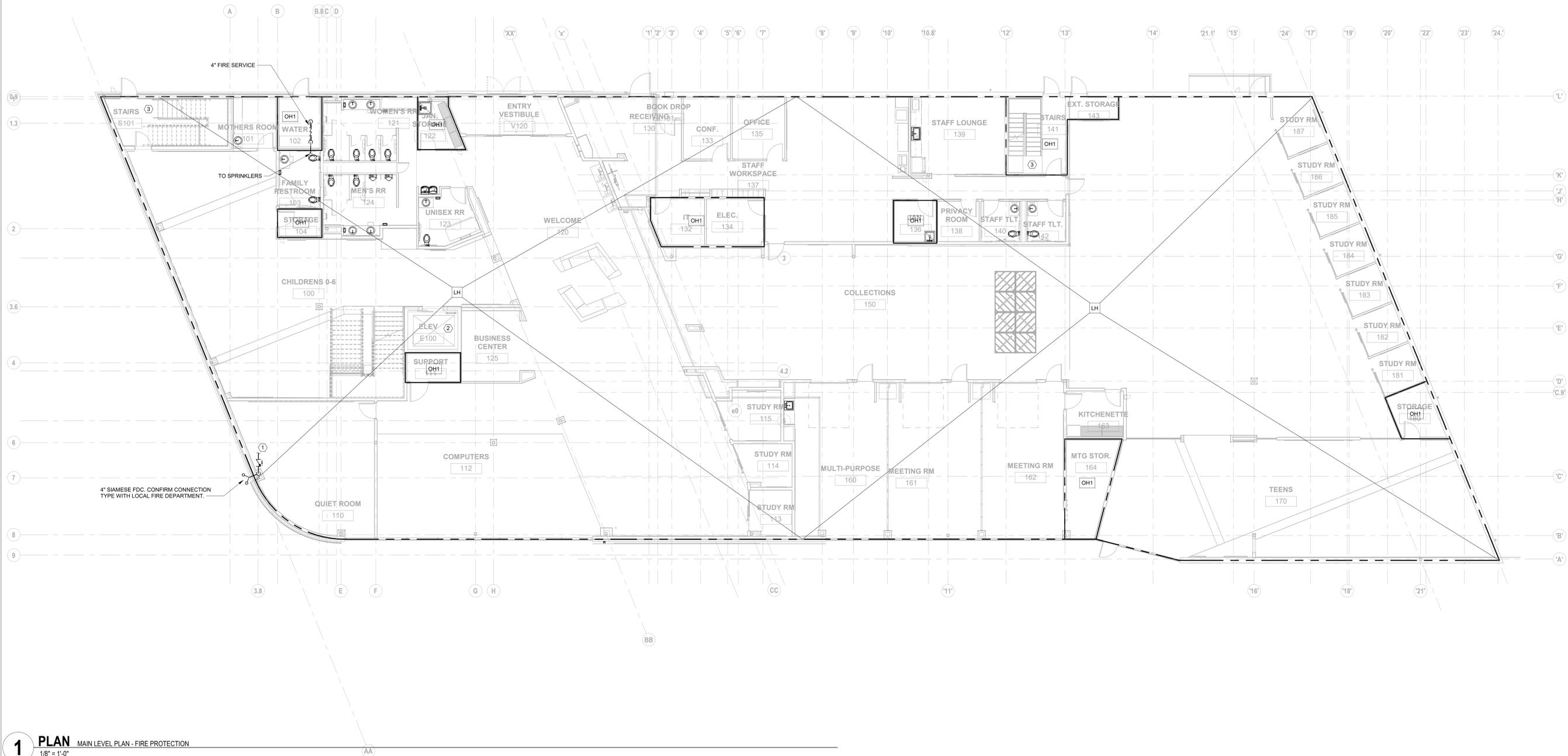
CML LINDEN BRANCH
2223 CLEVELAND AVE
COLUMBUS, OH 43211
FOR
COLUMBUS METROPOLITAN LIBRARY

300 SPRUCE STREET
SUITE 300
COLUMBUS, OHIO 43215

PHONE: (614) 461-4664
FAX: (614) 280-8881

GENERAL INFORMATION - FIRE PROTECTION

11/21/2023
DRAWN BY: Author CHECKED BY: Checker
Proj. # 21507
F001
PERMIT SET



1 PLAN MAIN LEVEL PLAN - FIRE PROTECTION
1/8" = 1'-0"

KEYNOTES

1. EXTENDED FDC LINE TO SPRINKLER LINE OF EQUAL SIZE.
2. SPRINKLER ELEVATOR SHAFT PER NFPA 13 REQUIREMENTS.
3. SPRINKLER STAIRWELL PER NFPA 13 REQUIREMENTS.

GENERAL SHEET NOTES

1. REFER TO SHEET F001 FOR GENERAL FIRE PROTECTION NOTES.
2. BUILDING CONTAINS CEILING CLOUDS. REFER TO ARCHITECTURAL DRAWINGS FOR LOCATIONS.

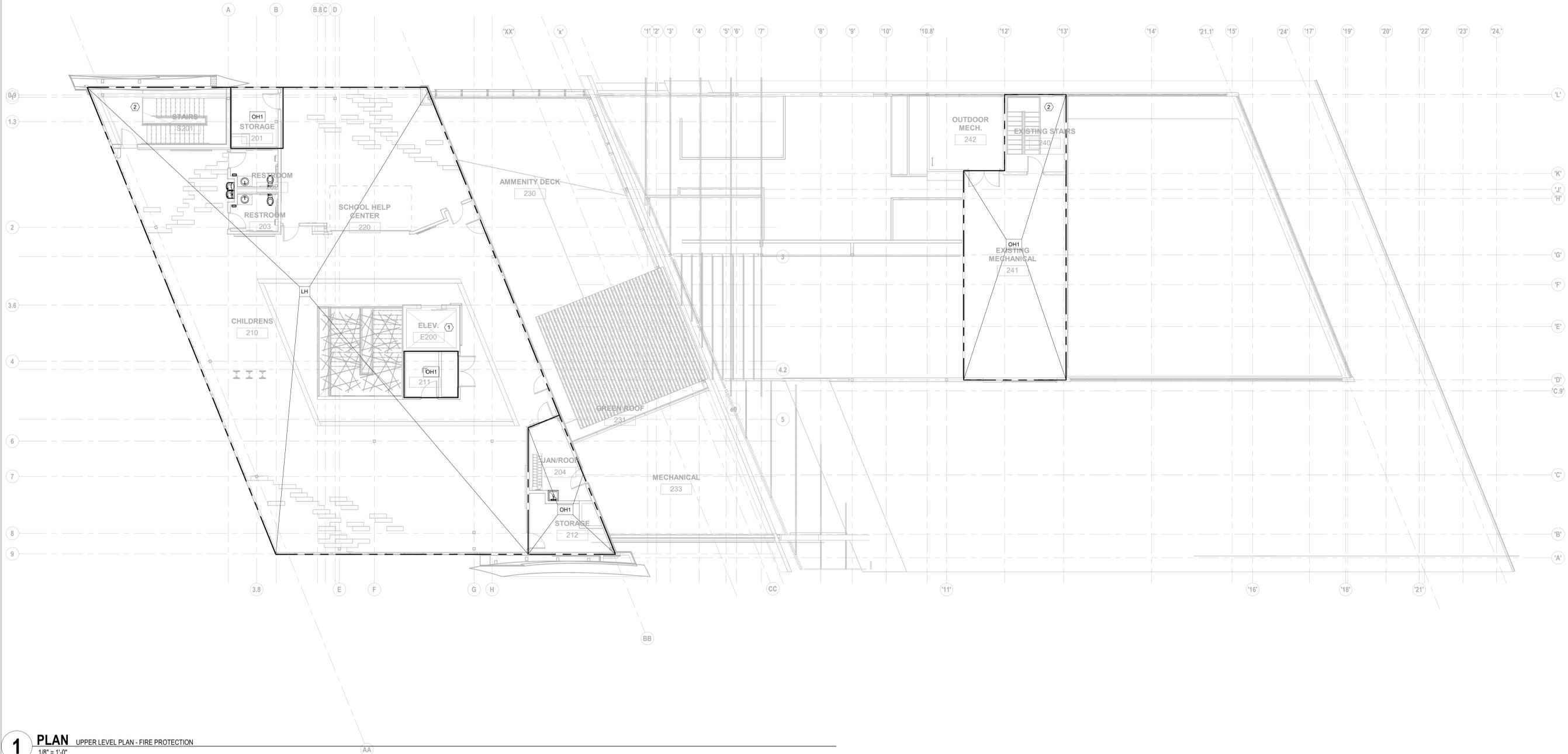
#	DATE	CHANGE DESCRIPTION

CML LINDEN BRANCH
2223 CLEVELAND AVE
COLUMBUS, OH 43211
FOR
COLUMBUS METROPOLITAN LIBRARY

MOODY-NOLAN
300 SPRUCE STREET
SUITE 300
COLUMBUS, OHIO 43215
PHONE: (614) 461-4664
FAX: (614) 280-8881

MAIN LEVEL PLAN - FIRE PROTECTION

11/21/2023
DRAWN BY: Author CHECKED BY: Checker
Proj. # 21507
F101
PERMIT SET



1 PLAN UPPER LEVEL PLAN - FIRE PROTECTION
1/8" = 1'-0"

SHEET KEYNOTES

1. SPRINKLER ELEVATOR SHAFT PER NFPA 13 REQUIREMENTS.
2. SPRINKLER STAIRWELL PER NFPA 13 REQUIREMENTS.

GENERAL SHEET NOTES

1. REFER TO SHEET F001 FOR GENERAL FIRE PROTECTION NOTES.
2. BUILDING CONTAINS CEILING CLOUDS. REFER TO ARCHITECTURAL DRAWINGS FOR LOCATIONS.

#	DATE	CHANGE DESCRIPTION

CML LINDEN BRANCH
2223 CLEVELAND AVE
COLUMBUS, OH 43211
FOR
COLUMBUS METROPOLITAN LIBRARY

MOODY-NOLAN
300 SPRUCE STREET
SUITE 300
COLUMBUS, OHIO 43215
PHONE: (614) 461-4664
FAX: (614) 280-8881

DRAWING TITLE:
UPPER LEVEL PLAN - FIRE PROTECTION

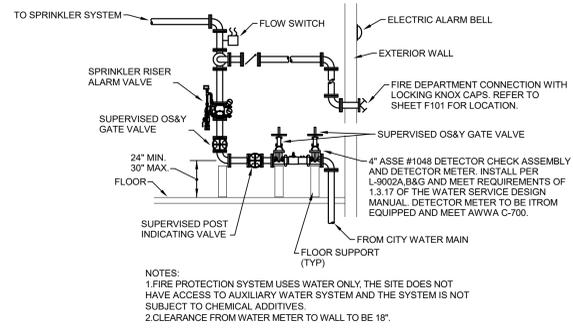
11/21/2023
DRAWN BY: Author CHECKED BY: Checker

Proj. # 21507

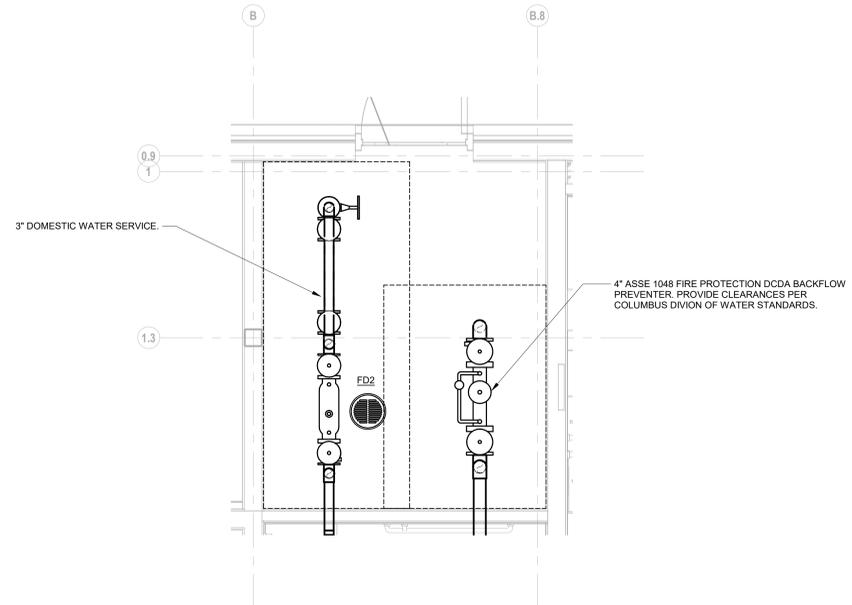


F102

PERMIT SET



2 DETAIL - FIRE SERVICE ENTRANCE
N.T.S.



1 ENLARGED PLAN WATER SERVICE ROOM
1/2" = 1'-0"

#	DATE	CHANGE DESCRIPTION

CML LINDEN BRANCH
 2223 CLEVELAND AVE
 COLUMBUS, OH 43211
 FOR
COLUMBUS METROPOLITAN LIBRARY

MOODY-NOLAN
 300 SPRUCE STREET
 SUITE 300
 COLUMBUS, OHIO 43215
 PHONE: (614) 461-4664
 FAX: (614) 280-8881

DRAWING TITLE:
ENLARGED PLANS - FIRE PROTECTION

	11/21/2023
	DRAWN BY: Author CHECKED BY: Checker
	Proj. # 21507
F401	
PERMIT SET	

ABBREVIATIONS

NOTE: NOT ALL ABBREVIATIONS MAY BE USED.

(A)	EXISTING TO BE ABANDONED
(D)	EXISTING TO BE DEMOLISHED
(E)	EXISTING TO REMAIN
(F)	FUTURE
(R)	EXISTING TO BE RELOCATED
A	COMPRESSED AIR (SHOP AIR)
ABV	ABOVE
AE	ANESTHESIA EVACUATION
AFF	ABOVE FINISHED FLOOR
AMP	AMPERE
APPROX	APPROXIMATE
AR	ARGON
ARCH	ARCHITECT
AUTO	AUTOMATIC
AV	ACID VENT
AVG	AVERAGE
AW	ACID WASTE
BF	BELOW FLOOR
BFV	BUTTERFLY VALVE
BLDG	BUILDING
BOP	BOTTOM OF PIPE
BT	BATHTUB
CAP	CAPACITY
CFH	CUBIC FEET PER HOUR
CFM	CUBIC FEET PER MINUTE
CONN	CONNECTION OR CONNECT
CONT	CONTINUATION
CS	CLINIC SINK
CU FT	CUBIC FEET
CU IN	CUBIC INCH
D	DRAIN
DEPT	DEPARTMENT
DIA	DIAMETER
DI	DEIONIZED WATER
DN	DOWN
DW	DISTILLED WATER
DWG	DRAWING
E	EMERGENCY FIXTURE
EL	ELEVATION
EQUIP	EQUIPMENT
EW	ELECTRIC WATER COOLER
EXH	EXHAUST
EXP	EXPANSION
EXIST	EXISTING
°F	DEGREES FAHRENHEIT
FD	FLOOR DRAIN
FIN FL EL	FINISHED FLOOR ELEVATION
FOD	FUEL OIL DISCHARGE
FOF	FUEL OIL FILL
FOG	FUEL OIL GAUGE LINE
FOO	FUEL OIL OVER FLOW LINE
FOR	FUEL OIL RETURN
FOS	FUEL OIL SUPPLY
FOV	FUEL OIL TANK VENT
FT	FOOT OR FEET
GA	GAUGE
GAL	GALLONS
GPD	GALLONS PER DAY
GPH	GALLONS PER HOUR
GPM	GALLONS PER MINUTE
H	HYDROGEN
HD	HEAD
HE	HELIUM
HGT	HEIGHT
HP	HORSEPOWER
HVAC	HEATING, VENTILATING, AND AIR CONDITIONING
HZ	HERTZ

ABBREVIATIONS

NOTE: NOT ALL ABBREVIATIONS MAY BE USED.

IN	INCHES
INV EL	INVERT ELEVATION
IW	INDIRECT WASTE
KW	KILOWATT
L	LAVATORY
LB	POUNDS
LF	LINEAR FEET
LG	LENGTH
LN	LIQUID NITROGEN
LOX	LIQUID OXYGEN
MA	COMPRESSED AIR (MEDICAL GAS)
MAX	MAXIMUM
MECH	MECHANICAL
MFG	MANUFACTURER
MIN	MINIMUM
MS	MOP SINK
MV	VACUUM (MEDICAL GAS)
N2O	NITROUS OXIDE
N	NITROGEN
N/A	NOT APPLICABLE
NC	NORMALLY CLOSED
NIC	NOT IN CONTRACT
NO	NORMALLY OPEN
NO.	NUMBER
NPW	NON-POTABLE WATER
NTS	NOT TO SCALE
O	OXYGEN
OFCI	OWNER FURNISHED CONTRACTOR INSTALLED
OS&Y	OUTSIDE STEM AND YOKE VALVE
PD	PUMPED DISCHARGE
PLBG	PLUMBING
PPM	PARTS PER MILLION
PR	FUEL POLISH RETURN
PRESS	PRESSURE
PRV	PRESSURE REDUCING VALVE
PS	FUEL POLISH SUPPLY
PSI	POUNDS PER SQUARE INCH
PSIG	PSI GAUGE
RCP	RECIRCULATING PUMP
RD	ROOF DRAIN
RPBP	REDUCED PRESSURE BACKFLOW PREVENTER
RPM	REVOLUTIONS PER MINUTE
RO	REVERSE OSMOSIS WATER
S	SINK
SEC	SECOND
SH	SHOWER
SHT	SHEET
SPEC	SPECIFICATION
SRD	SECONDARY ROOF DRAIN
STSTL	STAINLESS STEEL
STD	STANDARD
STR	STRAINER
SW	SOFT POTABLE WATER
TE	TOP ELEVATION
TEMP	TEMPERATURE
TMV	THERMOSTATIC MIXING VALVE
TOP	TOP OF PIPE
TWS	TEMPERED WATER SUPPLY
TYP	TYPICAL
UNO	UNLESS NOTED OTHERWISE
UR	URINAL
V	VOLT/VENT
VB	VACUUM BREAKER
VTR	VENT THRU ROOF
W	WATER
WC	WATER CLOSET
WF	WASH FOUNTAIN

SYMBOLS LIST

PIPING

EXISTING TO BE DEMOLISHED	----- (D) -----
EXISTING ABANDONED	----- (A) -----
DOMESTIC HOT WATER	----- HW -----
DOMESTIC COLD WATER	----- CW -----
DOMESTIC HOT WATER RETURN	----- HWR -----
SANITARY	----- SAN -----
VENT	----- V -----
STORM	----- ST -----
SECONDARY STORM	----- SS -----
NATURAL GAS	----- G -----

PIPING (FITTINGS, VALVES, AND MISCELLANEOUS)

DROP	
RISE	
TEE	
CAP	
FLOW ARROW	
PUMP	
GLOBE VALVE	
PLUG VALVE	
SOLENOID VALVE	
GAS PRESSURE REGULATOR	
PRESSURE REDUCING VALVE	
OUTSIDE STEM & YOKE VALVE	
REDUCED PRESSURE BACKFLOW PREVENTER	
BUTTERFLY VALVE	
BALL VALVE	
CHECK VALVE	
BALANCE VALVE	
STRAINER	
UNION	
TEMPERATURE & PRESSURE RELIEF VALVE	
METER	
PIPE SLEEVE	
WATER HAMMER ARRESTOR	
PRESSURE/TEMPERATURE TEST PLUG	
AQUASTAT	
WALL HYDRANT OR HOSE BIBB	
CLEANOUT	
CLEANOUT AT FLOOR OR AT GRADE	
FLOOR OR AREA DRAIN	
ROOF DRAIN	
THERMOMETER	
PRESSURE GAUGE WITH STOPCOCK	

NOTATIONS

CONNECT TO EXISTING	
DOMESTIC WATER RISER	
SANITARY STACK	

- GENERAL NOTES:
- PROVIDE NEW DOMESTIC WATER, SANITARY WASTE, STORM DRAINAGE, NATURAL GAS FOR THIS BUILDING. PROVIDE ALL NECESSARY COMPONENTS FOR FULLY OPERATIONAL SYSTEM. INSTALL SYSTEMS IN ACCORDANCE WITH STATE REQUIREMENTS AND LOCAL AUTHORITY HAVING JURISDICTION. COORDINATE THE LOCATION OF ALL UTILITY CONNECTION POINTS, FLOOR DRAINS AND HUB DRAINS FOR EQUIPMENT WITH OTHER TRADES.
 - ALL FLOOR PENETRATIONS TO BE SEALED WATER TIGHT AND COMPLETELY PACKED WITH FIRE STOP MATERIAL BY TRADE CONTRACTORS.
 - THESE DRAWINGS ARE DIAGRAMMATIC IN NATURE AND ARE NOT INTENDED TO SHOW THE EXACT LOCATIONS OF COMPONENTS, NOR SHOW ALL SYSTEM COMPONENTS. CONTRACTOR SHALL PROVIDE ADDITIONAL OFFSETS OR FITTINGS REQUIRED FOR PROPER INSTALLATION, COORDINATION WITH OTHER TRADES, AND/OR TO MAINTAIN PROPER CLEARANCES.
 - DRAWINGS ARE NOT TO BE SCALED. DIMENSIONS SHALL GOVERN. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS AT THE JOB SITE CONCERNING EXISTING AND NEW WORK BEFORE PROCEEDING WITH EITHER FABRICATION OR INSTALLATION IN MECHANICAL AREAS WITH NUMEROUS OBSTRUCTIONS INCLUDING DUCTWORK, EQUIPMENT AND PIPING. THIS WILL REQUIRE ON SITE CUTTING AND VERIFICATION.
 - ANY INFORMATION CONFLICTS BETWEEN THE SPECIFICATIONS AND DRAWINGS SHALL BE BROUGHT TO THE ENGINEERS ATTENTION. THE CONTRACTOR(S) SHALL NOT PROCEED WITH ANY WORK, EXCEPT AT THEIR OWN RISK, UNTIL CLARIFICATIONS OF THE CONFLICTS ARE ISSUED TO THE CONTRACTOR(S) BY THE ENGINEER.
 - ALL MATERIAL AND LABOR SHALL BE UNDER WARRANTY FOR ONE YEAR FROM THE DATE OF FINAL ACCEPTANCE BY THE OWNER. ANY NEW DEVICES OR EQUIPMENT FOUND FAULTY SHALL BE REPLACED AS PART OF THE WARRANTY.
 - A SET OF APPROVED DRAWINGS SHALL BE MAINTAINED ON SITE AND ALL FIELD CHANGES SHALL BE RED LINED ON THE DRAWINGS. CONTRACTOR SHALL PREPARE "AS-BUILT" DRAWINGS IN ELECTRONIC (PDF) FORMAT, REFLECTING ACCURATE FIELD CONDITIONS.
 - ALL PENETRATIONS THROUGH FIRE RESISTANCE RATED CONSTRUCTION SHALL BE PROVIDED A UL LISTED THROUGH PENETRATION FIRESTOP ASSEMBLY. THE RATINGS OF ALL FIRESTOP ASSEMBLIES SHALL BE GREATER THAN OR EQUAL TO THE RATING OF THE PENETRATED BARRIER.
 - CORE DRILL PENETRATIONS IN CONCRETE FLOORS OR WALLS 1-2 INCHES LARGER THAN THE PIPE DIAMETER OF THE PENETRATING PIPE.
 - DUCTWORK, PIPING, MECHANICAL EQUIPMENT AND CEILING SHALL NOT BE USED AS LADDERS, SCAFFOLDING OR WORK PLATFORMS.
 - NO STRUCTURAL MEMBERS SHALL BE CUT, DRILLED, OR BURNED WITHOUT THE KNOWLEDGE AND WRITTEN APPROVAL OF THE OWNER.
 - EQUIPMENT, MATERIALS, INSTALLATION WORKMANSHIP, EXAMINATION AND TESTING SHALL BE IN ACCORDANCE WITH CURRENT PLUMBING CODE. INSTALL PIPING STRAIGHT AND TRUE TO BEAR EVENLY ON HANGARS AND SUPPORTS. PIPE SHALL NOT INTERFERE WITH OTHER EQUIPMENT AND CONSTRUCTION.
 - CONTRACTOR SHALL BE RESPONSIBLE FOR AVOIDING ALL CONFLICTS WITH LIGHTING FIXTURES, DIFFUSERS, GRILLES, DUCTS, STRUCTURAL MEMBERS, MECHANICAL EQUIPMENT AND PIPES.
 - NO FABRICATION OR INSTALLATION IS ALLOWED WITHOUT APPROVED SHOP DRAWING SUBMITTALS.
 - CONTRACTOR SHALL SUBMIT SYSTEM CATALOG PRODUCT DATA SHEETS OF ALL COMPONENTS PROPOSED FOR USE PRIOR TO INSTALLATION FOR APPROVAL. SHOP DRAWINGS SHALL BE SUBMITTED FOR APPROVAL.
 - ALL MATERIALS AND EQUIPMENT SHALL BE NEW.
 - PIPING SHALL NOT SHARE SUPPORTS WITH OTHER BUILDING SYSTEMS. IN MECHANICAL AREAS, PIPING SHALL NOT BE ATTACHED TO THE DUCT WORK. STANCHIONS SHALL BE USED WHERE PIPING IS UNABLE TO BE HUNG FROM ABOVE.
 - PIPING IN AREAS WITH FINISHED CEILING SHALL BE INSTALLED ABOVE FINISHED CEILING.
 - CONTRACTOR SHALL PROVIDE LABELS (WITH FLOW ARROWS) FOR ALL PIPING.
 - PIPING SHALL NOT BE INSTALLED PASSING THROUGH ELECTRICAL ROOMS OR OVER ELECTRICAL PANELS / EQUIPMENT WHICH SERVES OTHER AREAS. COORDINATE THE LOCATION OF ALL PIPING WITH ELECTRICAL EQUIPMENT AND OTHER TRADES AND ADJUST AS NECESSARY.
 - MAKE REASONABLE AND NECESSARY MODIFICATIONS IN LAYOUTS AND COMPONENTS NEEDED TO PREVENT CONFLICTS WITH WORK OF OTHER TRADES AND TO COORDINATE IN ACCORDANCE WITH SPECIFICATIONS.
 - MAINTAIN MAXIMUM HEADROOM AT ALL LOCATIONS. ALL PIPING TO BE AS TIGHT TO THE UNDERSIDE OF DECK AS POSSIBLE. ALL EXPOSED PIPING SHALL BE APPROVED BY ARCHITECT AND SHALL MAINTAIN REQUIRED CLEARANCES.

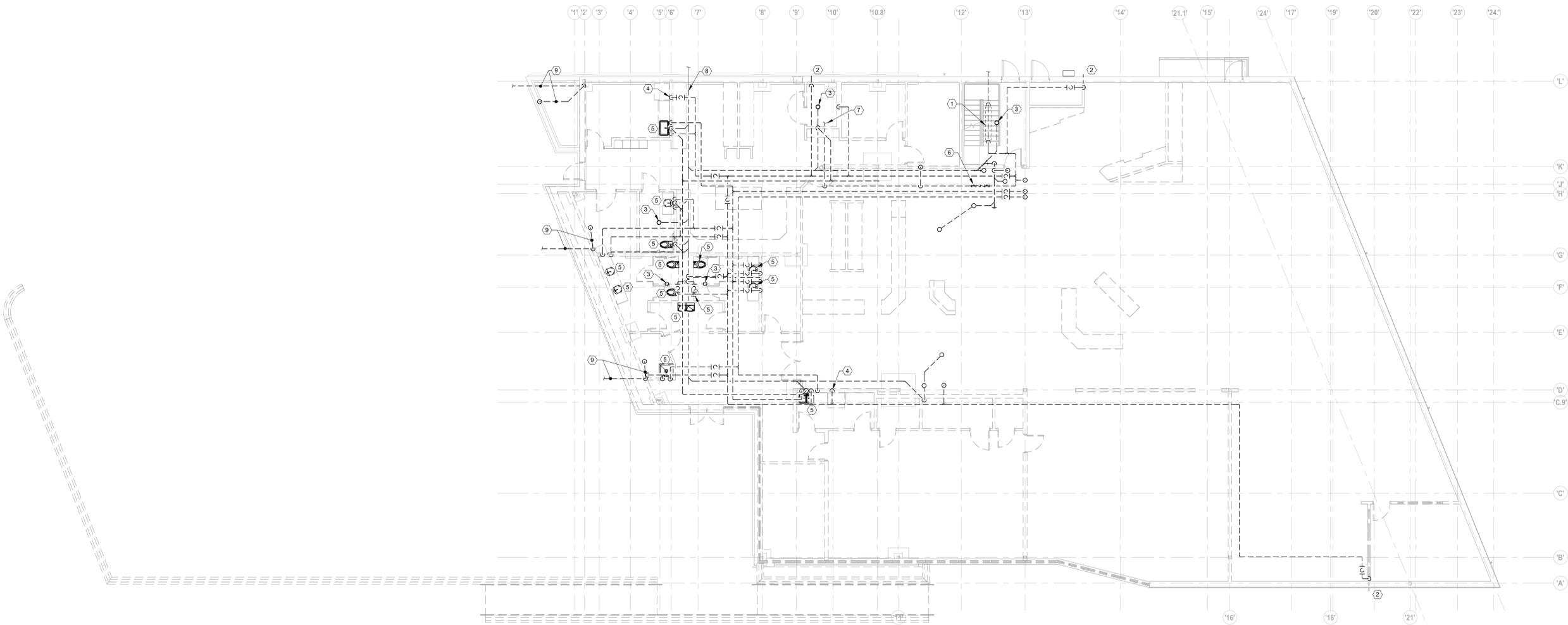
#	DATE	CHANGE DESCRIPTION

CML LINDEN BRANCH
2223 CLEVELAND AVE
COLUMBUS, OH 43211
FOR
COLUMBUS METROPOLITAN LIBRARY

300 SPRUCE STREET
SUITE 300
COLUMBUS, OHIO 43215
PHONE: (614) 461-4664
FAX: (614) 280-8881

DRAWING TITLE:
GENERAL INFORMATION - PLUMBING

	11/21/2023
	DRAWN BY: Author CHECKED BY: Checker
	Proj. # 21507
P001	
PERMIT SET	



1 PLAN MAIN LEVEL PLAN - PLUMBING - DEMOLITION
1/8" = 1'-0"

SHEET KEYNOTES

1. REMOVE EXISTING 2" DOMESTIC COLD WATER SERVICE INCLUDING METER AND BACKFLOW. COORDINATE REMOVAL WITH CITY OF COLUMBUS DIVISION OF WATER.
2. REMOVED EXISTING HOSE BIBB AND PATCH WALL.
3. REMOVE EXISTING FLOOR DRAIN AND TRAP PRIMER.
4. REMOVE EXISTING ICE MAKER BOX.
5. REMOVE EXISTING PLUMBING FIXTURE.
6. REMOVE EXISTING LIMITED AREA SPRINKLER SYSTEM BACKFLOW DEVICE.
7. EXISTING LIMITED AREA SYSTEM IN BOOK DROP TO BE REMOVED.
8. CUT EXISTING SANITARY LINE AT THIS APPROXIMATE LOCATION. ALL DOWN STREAM UNDER SLAB SANITARY PIPING SHALL BE ABANDONED.
9. EXISTING 4" STORM FROM INTERNAL GUTTER TO BE REMOVED. REMOVE FROM GUTTER CONNECTION TO CONNECTION TO SITE MAIN. COORDINATE WITH SITE CONTRACTOR.
10. EXISTING GAS METER SETTING TO REMAIN.

GENERAL SHEET NOTES

1. REFER TO SHEET P001 FOR GENERAL PLUMBING NOTES.
2. UNLESS NOTED OTHERWISE, ALL EXISTING DOMESTIC WATER PIPING SHALL BE REMOVED.
3. UNLESS NOTED OTHERWISE ALL EXISTING VENT PIPING SHALL BE REMOVED.
4. UNLESS NOTED OTHERWISE, ALL ABOVE SLAB SANITARY PIPING SHALL BE REMOVED. ALL EXISTING UNDER SLAB SANITARY SHALL BE ABANDONED. ANY UNDER SLAB SANITARY THAT INTERFERES WITH NEW WORK SHALL BE REMOVED.
5. EXISTING LIMITED AREA SPRINKLER SYSTEM SHALL BE REMOVED IN ITS ENTIRETY.
6. REMOVE ALL GAS PIPING BACK TO METER SETTING. EXISTING METER SETTING TO REMAIN.

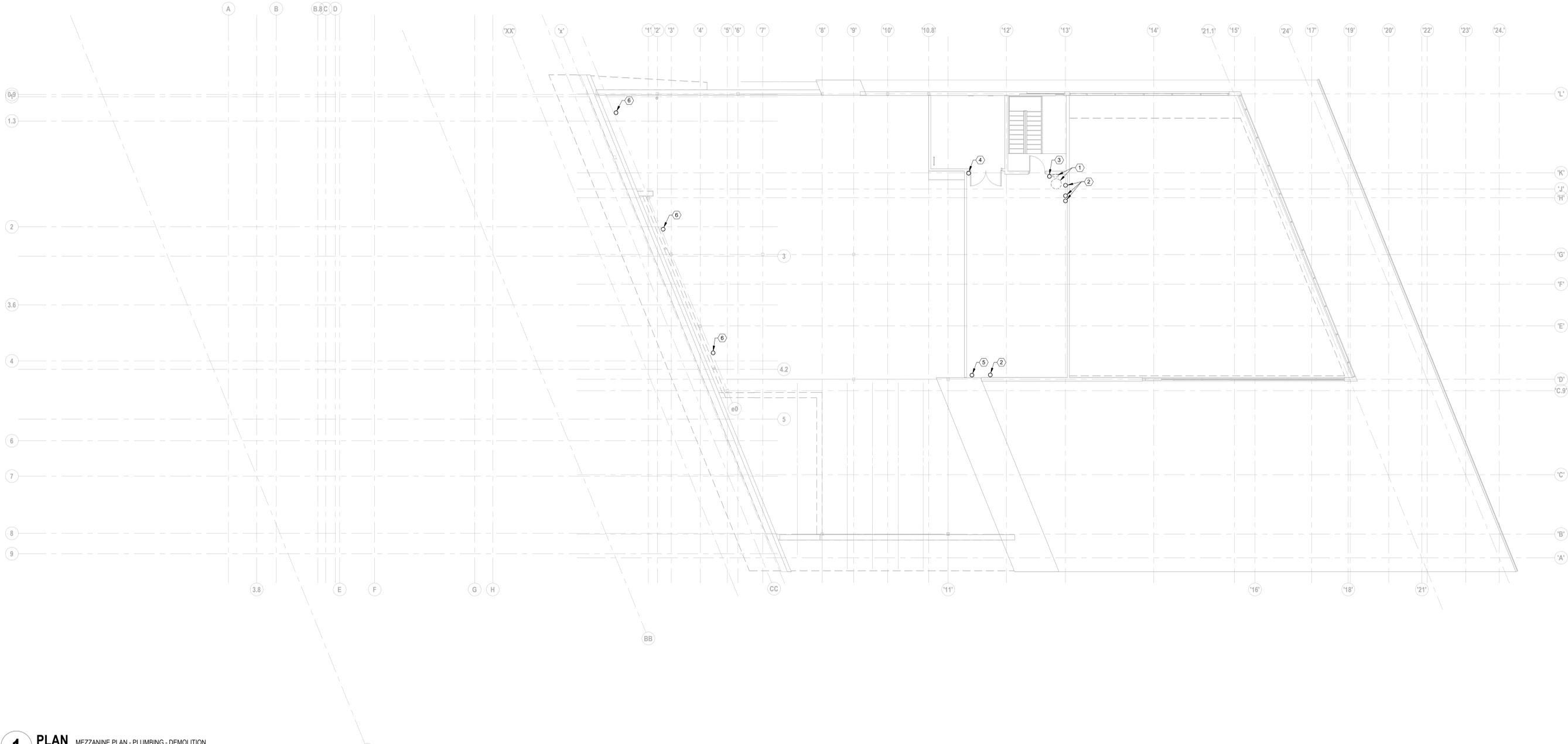
#	DATE	CHANGE DESCRIPTION

CML LINDEN BRANCH
2223 CLEVELAND AVE
COLUMBUS, OH 43211
FOR
COLUMBUS METROPOLITAN LIBRARY

MOODY-NOLAN
300 SPRUCE STREET
SUITE 300
COLUMBUS, OHIO 43215
PHONE: (614) 461-4664
FAX: (614) 280-8881

DRAWING TITLE:
MAIN LEVEL PLAN - PLUMBING - DEMOLITION

11/21/2023
DRAWN BY: Author CHECKED BY: Checker
Proj. # 21507
P010
PERMIT SET



1 PLAN MEZZANINE PLAN - PLUMBING - DEMOLITION
1/8" = 1'-0"

SHEET KEYNOTES

1. EXISTING WATER HEATER AND ALL ASSOCIATED PIPING SHALL BE REMOVED.
2. EXISTING DOMESTIC WATER LINES SHALL BE REMOVED.
3. EXISTING FLOOR DRAIN SHALL BE REMOVED.
4. EXISTING LIMITED AREA SPRINKLER SYSTEM SHALL BE REMOVED.
5. EXISTING VENT LINE SHALL BE REMOVED.
6. EXISTING 4" INTERIOR STORM LINE TO BE REMOVED. DISCONNECT FROM INTERNAL GUTTER.

GENERAL SHEET NOTES

1. REFER TO SHEET P001 FOR GENERAL PLUMBING NOTES.
2. UNLESS NOTED OTHERWISE, ALL EXISTING DOMESTIC WATER PIPING SHALL BE REMOVED.
3. UNLESS NOTED OTHERWISE ALL EXISTING VENT PIPING SHALL BE REMOVED.
4. UNLESS NOTED OTHERWISE, ALL ABOVE SLAB SANITARY PIPING SHALL BE REMOVED. ALL EXISTING UNDER SLAB SANITARY SHALL BE ABANDONED. ANY UNDER SLAB SANITARY THAT INTERFERES WITH NEW WORK SHALL BE REMOVED.
5. EXISTING LIMITED AREA SPRINKLER SYSTEM SHALL BE REMOVED IN ITS ENTIRETY.
6. REMOVE ALL GAS PIPING BACK TO METER SETTING. EXISTING METER SETTING TO REMAIN.

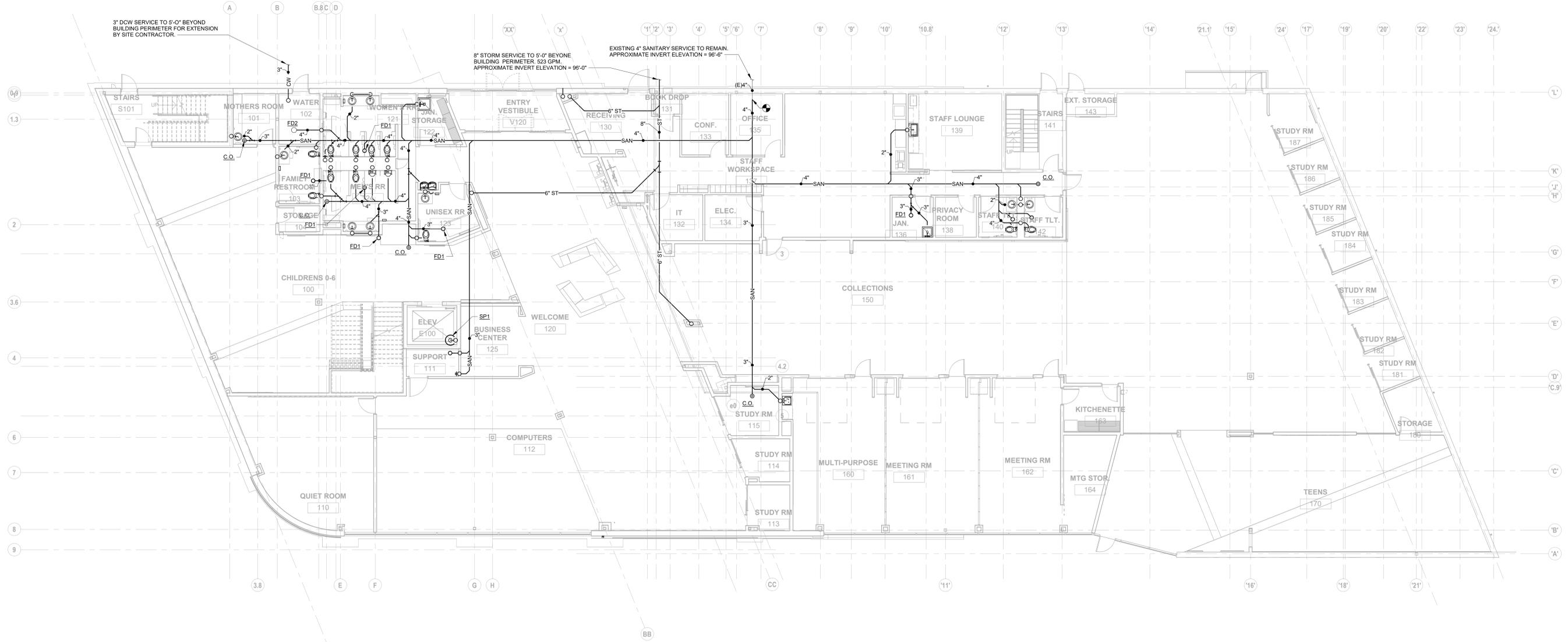
#	DATE	CHANGE DESCRIPTION

CML LINDEN BRANCH
2223 CLEVELAND AVE
COLUMBUS, OH 43211
FOR
COLUMBUS METROPOLITAN LIBRARY

MOODY-NOLAN
300 SPRUCE STREET
SUITE 300
COLUMBUS, OHIO 43215
PHONE: (614) 461-4664
FAX: (614) 280-8881

DRAWING TITLE:
MEZZANINE PLAN - PLUMBING - DEMOLITION

11/21/2023
DRAWN BY: Author CHECKED BY: Checker
Proj. # 21507
P011
PERMIT SET



1 PLAN UNDERFLOOR PLAN - PLUMBING
1/8" = 1'-0"

GENERAL SHEET NOTES

- REFER TO SHEET P001 FOR GENERAL PLUMBING NOTES.

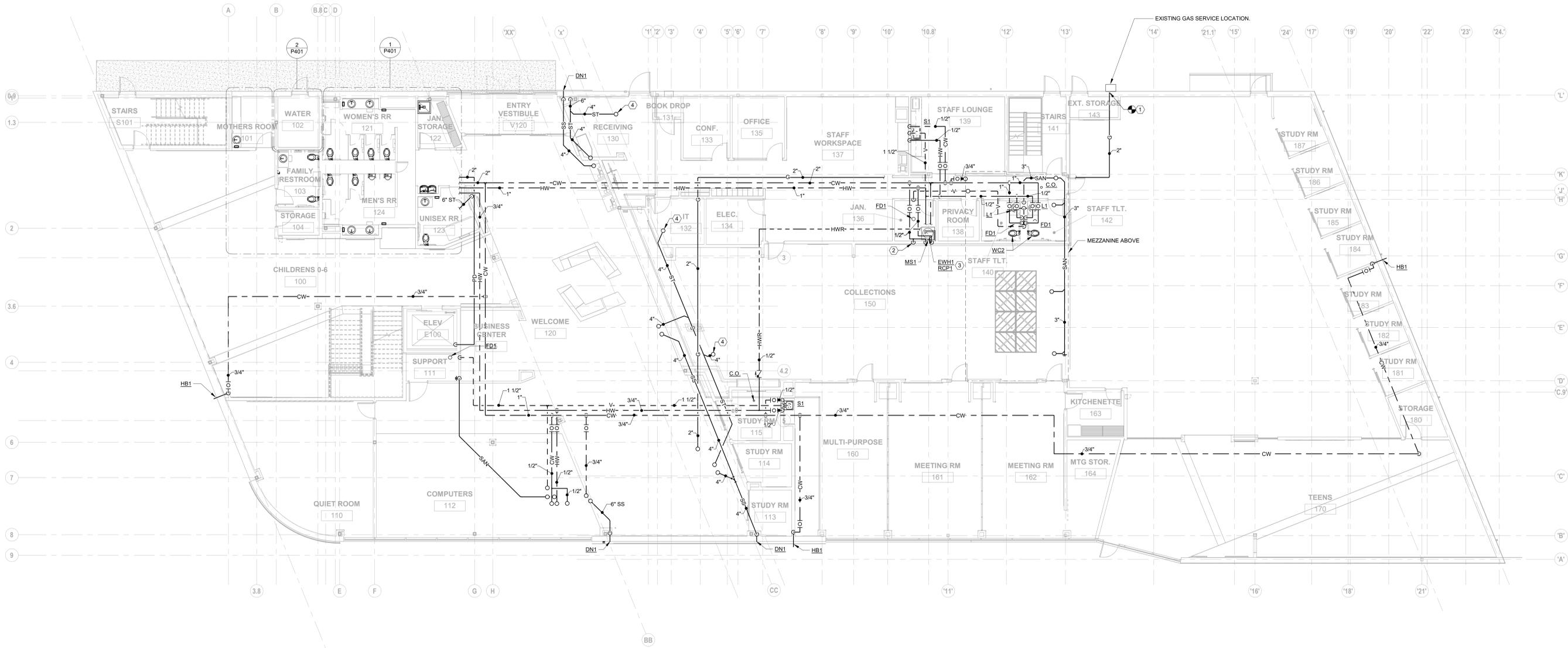
#	DATE	CHANGE DESCRIPTION

CML LINDEN BRANCH
2223 CLEVELAND AVE
COLUMBUS, OH 43211
FOR
COLUMBUS METROPOLITAN LIBRARY

MOODY-NOLAN
300 SPRUCE STREET
SUITE 300
COLUMBUS, OHIO 43215
PHONE: (614) 461-4664
FAX: (614) 280-8881

DRAWING TITLE:
UNDERFLOOR PLAN - PLUMBING

	11/21/2023
	DRAWN BY: Author CHECKED BY: Checker
	Proj. # 21507
P100	
PERMIT SET	



1 PLAN MAIN LEVEL PLAN - PLUMBING
1/8" = 1'-0"

SHEET KEYNOTES

- CONNECT 2" GAS TO EXISTING GAS METER SETTING AND EXTEND AS SHOWN.
- 1/2" CW FOR CONNECTION TO DETERGENT SYSTEM. PROVIDE ASSE 1013 BACKFLOW DEVICE SIMILAR TO WATTS MODEL LF009 UPSTREAM OF CONNECTION. EXTEND BACKFLOW DISCHARGE TO MOP SINK.
- WATER HEATER MOUNTED ON WALL ABOVE MOP SINK. REFER TO DETAIL ON SHEET P501.
- 4" INTERNAL DOWNSPOUT DOWN FROM INTERNAL GUTTER ON EXISTING ROOF.

GENERAL SHEET NOTES

- REFER TO SHEET P001 FOR PLUMBING GENERAL NOTES.
- BUILDING CONTAINS RETURN AIR PLENUMS. ALL PIPING INSTALLED WITHIN PLENUMS BE BE LISTED FOR FOR INSTALLATION WITHIN PLENUMS OR BE WRAPPED WITH A MATERIAL LISTED FOR INSTALLATION WITHIN PLENUMS.

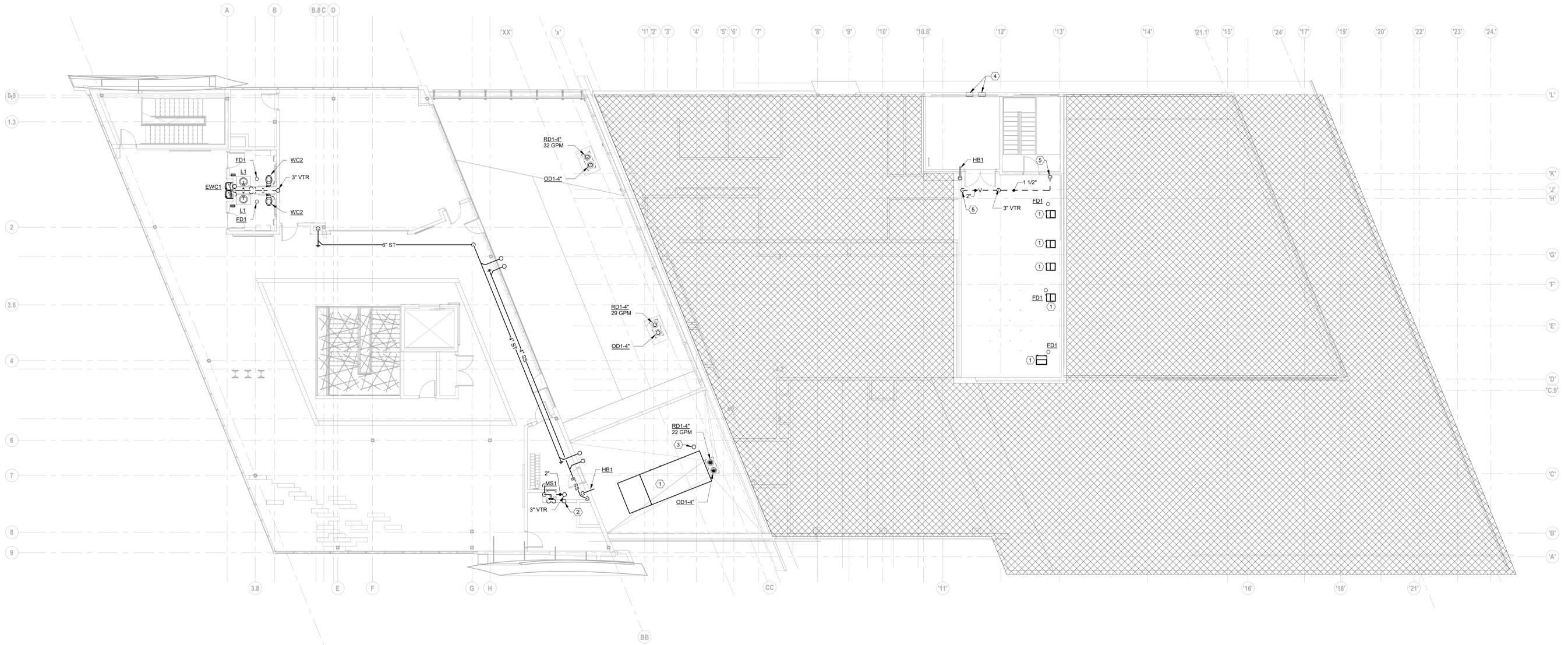
#	DATE	CHANGE DESCRIPTION

CML LINDEN BRANCH
2223 CLEVELAND AVE
COLUMBUS, OH 43211
FOR
COLUMBUS METROPOLITAN LIBRARY

MOODY-NOLAN
300 SPRUCE STREET
SUITE 300
COLUMBUS, OHIO 43215
PHONE: (614) 461-4664
FAX: (614) 280-8881

MAIN LEVEL PLAN - PLUMBING

11/21/2023
DRAWN BY: Author CHECKED BY: Checker
Proj. # 21507
P101
PERMIT SET



1 PLAN UPPER LEVEL PLAN - PLUMBING
1/8" = 1'-0"

SHEET KEYNOTES

- HVAC EQUIPMENT SHOWN FOR REFERENCE.
- 1/2" CW FOR CONNECTION TO DETERGENT SYSTEM. PROVIDE ASSE 1013 BACKFLOW DEVICE SIMILAR TO WATTS MODEL LF009 UPSTREAM OF CONNECTION. EXTEND BACKFLOW DISCHARGE TO MOP SINK.
- 2" GAS FROM BELOW TO DOAS UNIT PROVIDED BY OTHERS. REFER TO CONNECTION DETAIL ON SHEET P901. FINAL CONNECTION BY THE P.C.
- EXISTING PRIMARY AND OVERFLOW SCUPPER TO REMAIN.
- VENT UP ON WALL FROM BELOW.

GENERAL SHEET NOTES

- REFER TO SHEET P001 FOR PLUMBING GENERAL NOTES.
- BUILDING CONTAINS RETURN AIR PLENUMS. ALL PIPING INSTALLED WITHIN PLENUMS BE BE LISTED FOR FOR INSTALLATION WITHIN PLENUMS OR BE WRAPPED WITH A MATERIAL LISTED FOR INSTALLATION WITHIN PLENUMS.

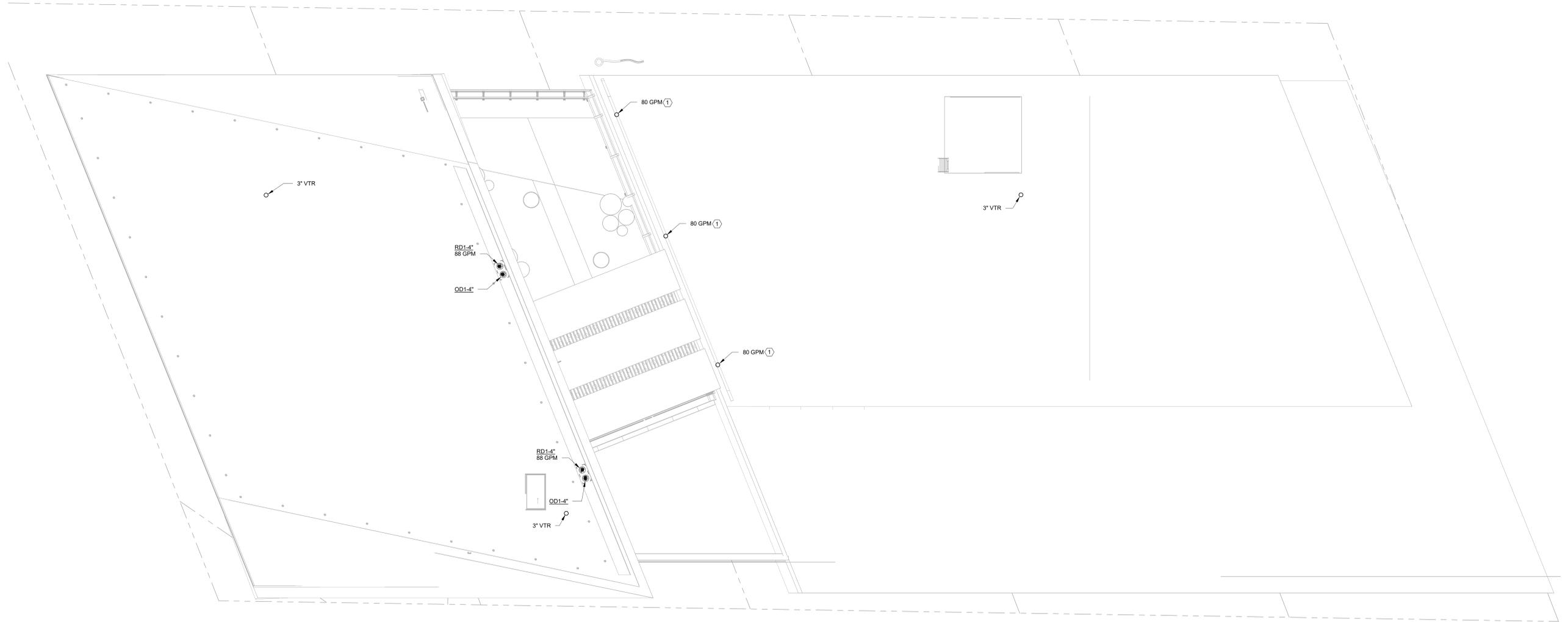
#	DATE	CHANGE DESCRIPTION

CML LINDEN BRANCH
2223 CLEVELAND AVE
COLUMBUS, OH 43211
FOR
COLUMBUS METROPOLITAN LIBRARY

MOODY-NOLAN
300 SPRUCE STREET
SUITE 300
COLUMBUS, OHIO 43215
PHONE: (614) 461-4664
FAX: (614) 280-8881

DRAWING TITLE:
UPPER LEVEL PLAN - PLUMBING

	11/21/2023
	DRAWN BY: Author CHECKED BY: Checker
	Proj. # 21507
P102	
PERMIT SET	



1 PLAN ROOF PLAN - PLUMBING
1/8" = 1'-0"



SHEET KEYNOTES

- CONNECT 4" INTERNAL STORM PIPING TO EXISTING GUTTER.

GENERAL SHEET NOTES

- REFER TO SHEET P001 FOR PLUMBING GENERAL NOTES.

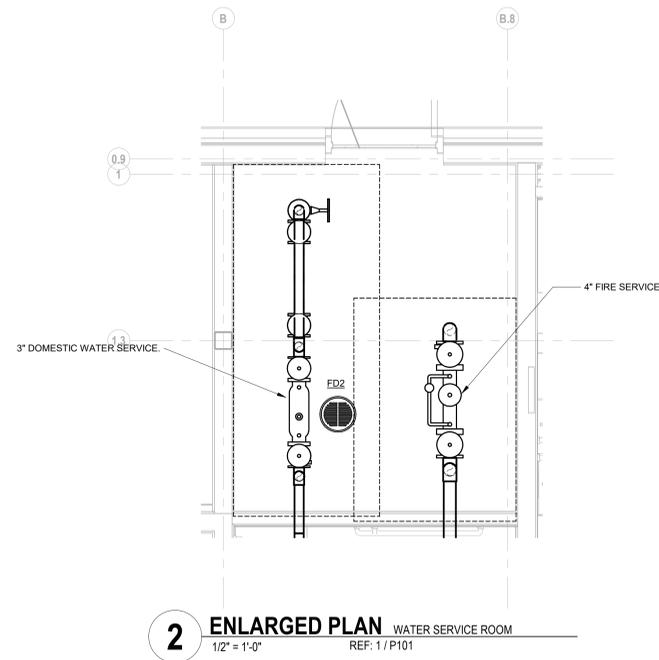
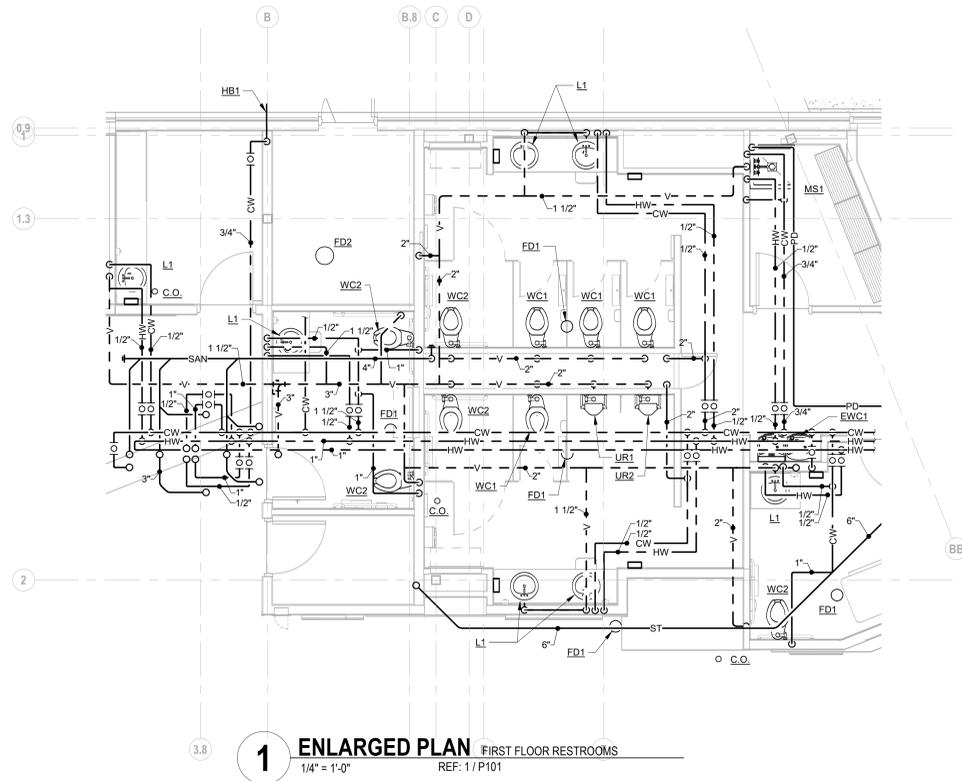
#	DATE	CHANGE DESCRIPTION

CML LINDEN BRANCH
2223 CLEVELAND AVE
COLUMBUS, OH 43211
FOR
COLUMBUS METROPOLITAN LIBRARY

MOODY-NOLAN
300 SPRUCE STREET
SUITE 300
COLUMBUS, OHIO 43215
PHONE: (614) 461-4664
FAX: (614) 280-8881

ROOF PLAN - PLUMBING

11/21/2023
DRAWN BY: Author | CHECKED BY: Checker
Proj. # 21507
P104
PERMIT SET



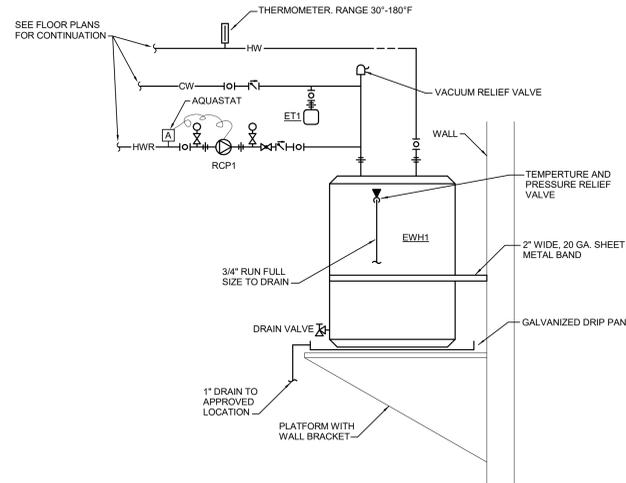
#	DATE	CHANGE DESCRIPTION

CML LINDEN BRANCH
2223 CLEVELAND AVE
COLUMBUS, OH 43211
FOR
COLUMBUS METROPOLITAN LIBRARY

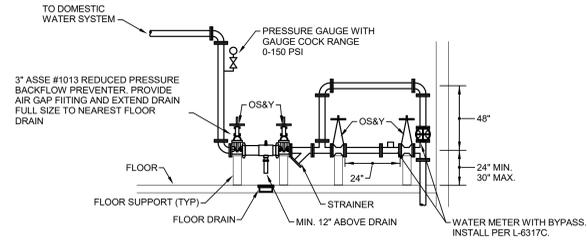
MOODY-NOLAN
300 SPRUCE STREET
SUITE 300
COLUMBUS, OHIO 43215
PHONE: (614) 461-4664
FAX: (614) 280-8881

ENLARGED PLANS - PLUMBING

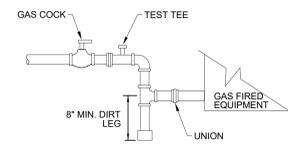
11/21/2023
DRAWN BY: Author CHECKED BY: Checker
Proj. # 21507
P401
PERMIT SET



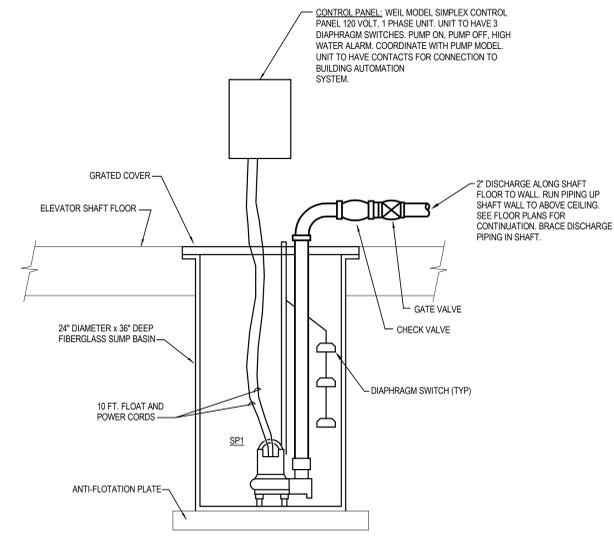
2 **DETAIL** DETAIL - ELECTRIC WATER HEATER
N.T.S.



1 **DETAIL** DETAIL - DOMESTIC WATER SERVICE ENTRANCE
N.T.S.



4 **DETAIL** DETAIL - GAS FIRED EQUIPMENT CONNECTION
N.T.S.



3 **DETAIL** DETAIL - ELEVATOR SUMP PUMP
N.T.S.

#	DATE	CHANGE DESCRIPTION

CML LINDEN BRANCH
2223 CLEVELAND AVE
COLUMBUS, OH 43211
FOR
COLUMBUS METROPOLITAN LIBRARY

300 SPRUCE STREET
SUITE 300
COLUMBUS, OHIO 43215
PHONE: (614) 461-4664
FAX: (614) 280-8881

MOODY-NOLAN

DRAWING TITLE:
DETAILS - PLUMBING

11/21/2023
DRAWN BY: Author | CHECKED BY: Checker
Proj. # 21507
P501
PERMIT SET

PLUMBING FIXTURE ROUGH-IN SCHEDULE					
FIXTURE	WASTE	TRAP	VENT	COLD	HOT
WC	4"	INTEGRAL	2"	1"	NA
UR	2"	INTEGRAL	1-1/2"	3/4"	NA
L	1-1/2"	1-1/4"x1-1/2"	1-1/2"	1/2"	1/2"
MS	3"	3"	1-1/2"	1/2"	1/2"
EW	1-1/2"	1-1/4"x1-1/2"	1-1/2"	1/2"	NA
S	1-1/2"	1-1/2"x1-1/2"	1-1/2"	1/2"	1/2"
WH1	NA	NA	NA	3/4"	NA
RH1	NA	NA	NA	3/4"	NA
HB	NA	NA	NA	1/2"	NA
FD	2, 3 or 4"	2, 3 or 4"	NA	NA	NA

WATER HAMMER ARRESTOR SCHEDULE			
TAG	INLET PIPE SIZE	FIXTURE UNIT RATING	REMARKS
A	3/4"	1 - 11	POI CERTIFIED
B	1"	12 - 32	POI CERTIFIED
C	1"	33 - 60	POI CERTIFIED
D	1"	61 - 113	POI CERTIFIED
E	1"	114 - 154	POI CERTIFIED
F	1"	155 - 330	POI CERTIFIED

NOTES:
 1. INSTALL ARRESTOR IN UPRIGHT POSITION BEFORE LAST FLUSH VALVED FIXTURE AND ON MAIN COLD WATER PIPE HEADER
 2. INSTALL SHUT-OFF VALVE BEFORE ARRESTOR

PLUMBING FIXTURE SCHEDULE							
TAG	FIXTURE DESCRIPTION	MANUFACTURER	MODEL #				
WC1	WATER CLOSET: VITREOUS CHINA, FLOOR MOUNTED ELONGATED BOWL, 1-1/2" INLET TOP SPUD, LOW-CONSUMPTION 1.6 GPF, DIRECT-FED SIPHON, JET ACTION, FULLY-GLAZED 2-1/8" TRAPWAY, 10"x12" WATER SURFACE AREA, MEETS ASME FLUSH REQUIREMENTS AT 1.6 GPF	AMERICAN STANDARD	2234-001				
	FLUSH VALVE: DIAPHRAGM TYPE FLUSH VALVE, CHROME PLATED, SYNTHETIC RUBBER DIAPHRAGM, 1" I.P.S. SCREWDRIVER ANGLE STOP, VACUUM BREAKER FLUSH CONNECTION, SPUD COUPLING AND FLANGE FOR 1-1/2" TOP SPUD, SWEAT SOLDER ADAPTER AND CAST SET SCREW WALL FLANGE, LOW CONSUMPTION 1.6 GPF	SLOAN	SLD44-111				
	HARDWIRED RETROFIT SENSOR FLUSHMETER: DIAPHRAGM TYPE FLUSH VALVE, CHROME PLATED, BRASS VALVE BODY, INFRARED SENSOR, THREE SECOND FLUSH DELAY, OVERRIDE BUTTON, COMPLETE WITH TRANSFORMER EL-38(SINGLE FLUSHMETER) OR EL-451(MULTIPLE FLUSHMETERS)	SLOAN	EL-700A-HW				
WC2	SEAT: HEAVY WEIGHT AND INJECTION-MOLDED OF SOLID PLASTIC, OPEN FRONT LESS COVER FOR ELONGATED BOWL AND FEATURE EXCLUSIVE, FOUR LARGE MOLDED-IN BUMPERS, CONCEALED CHECK HINGES WITH STAINLESS STEEL POSTS	BEMIS	1955CT				
	WATER CLOSET: ADA COMPLIANT, VITREOUS CHINA, FLOOR MOUNTED ELONGATED BOWL, 1-1/2" INLET TOP SPUD, LOW-CONSUMPTION 1.6 GPF, DIRECT-FED SIPHON, JET ACTION, FULLY-GLAZED 2-1/8" TRAPWAY, 10"x12" WATER SURFACE AREA, MEETS ASME FLUSH REQUIREMENTS AT 1.6 GPF	AMERICAN STANDARD	3043-001				
	FLUSH VALVE: DIAPHRAGM TYPE FLUSH VALVE, CHROME PLATED, SYNTHETIC RUBBER DIAPHRAGM, 1" I.P.S. SCREWDRIVER ANGLE STOP, VACUUM BREAKER FLUSH CONNECTION, SPUD COUPLING AND FLANGE FOR 1-1/2" TOP SPUD, SWEAT SOLDER ADAPTER AND CAST SET SCREW WALL FLANGE, LOW CONSUMPTION 1.6 GPF	SLOAN	SLD44-111				
UR1	HARDWIRED RETROFIT SENSOR FLUSHMETER: DIAPHRAGM TYPE FLUSH VALVE, CHROME PLATED, BRASS VALVE BODY, INFRARED SENSOR, THREE SECOND FLUSH DELAY, OVERRIDE BUTTON, COMPLETE WITH TRANSFORMER EL-38(SINGLE FLUSHMETER) OR EL-451(MULTIPLE FLUSHMETERS)	SLOAN	EL-700A-HW				
	URINAL: VITREOUS CHINA, WALL HUNG, HIGH EFFICIENCY 0.5 GPF, FLUSHING RIM, ELONGATED 14" RIM FROM FINISHED WALL, WASHOUT FLUSH ACTION, EXTENDED SIDES FOR PRIVACY, 3/4" INLET TOP SPUD, OUTLET CONNECTION THREADED 2" INSIDE, MEETS ASME FLUSH REQUIREMENTS AT 0.5 GPF, STAINLESS STEEL STRAINER	AMERICAN STANDARD	6560-005				
	FLUSH VALVE: DIAPHRAGM TYPE FLUSH VALVE, CHROME PLATED, SYNTHETIC RUBBER DIAPHRAGM, 3/4" I.P.S. SCREWDRIVER ANGLE STOP, VACUUM BREAKER FLUSH CONNECTION, SPUD COUPLING AND FLANGE FOR 3/4" TOP SPUD, SWEAT SOLDER ADAPTER AND CAST SET SCREW WALL FLANGE, LOW CONSUMPTION 0.5 GPF	SLOAN	SLD44-196-0.5				
UR2	HARDWIRED RETROFIT SENSOR FLUSHMETER: DIAPHRAGM TYPE FLUSH VALVE, CHROME PLATED, BRASS VALVE BODY, INFRARED SENSOR, THREE SECOND FLUSH DELAY, OVERRIDE BUTTON, COMPLETE WITH TRANSFORMER EL-38(SINGLE FLUSHMETER) OR EL-451(MULTIPLE FLUSHMETERS)	SLOAN	EL-700A-HW				
	CARRIER: WALL URINAL SUPPORT WITH TOP SUPPORT PLATE, RECTANGULAR STEEL UPRIGHTS WITH WELDED FEET, ADJUSTABLE SUPPORT PLATE AND MOUNTING FASTENERS	ZURN	SERIES 21200				
	URINAL: SAME AS UR1 MOUNTED AT ADA HEIGHT	AMERICAN STANDARD	6560-005				
L1	LAVATORY: 16-1/4" x 14-7/8" OVAL, INTEGRAL, NON-POROUS SURFACE LAVATORY, INTEGRAL FRONT OVERFLOW	CORIAN	810P				
	FAUCET: CHROME PLATED BRASS, SENSOR ACTIVATED, 0.5 GPM VANDAL RESISTANT SPRAY HEAD, SENSOR RANGE ADJUSTMENT SCREW, FILTERED SOLENOID VALVE WITH SERVICEABLE STRAINER FILTER, 120VAC 24 VAC TRANSFORMER	SLOAN	ETF-600				
	TRIM: SUPPLY PIPE WITH LOOSE KEY STOPS, CAST BRASS P-TRAP WITH CLEAN-OUT, DRAIN WITH CHROME PLATED CAST BRASS SOLID TOP, OPEN GRID, P.O. PLUG, CHROME PLATED BRASS 17 GAUGE TAILPIECE	MOJURE	165LK_8902_149				
S1	THERMOSTATIC MIXING VALVE: LEAD-FREE DESIGN, WAX-FREE DESIGN, THERMOSTAT, ADJUSTABLE SET POINT WITHIN TEMPERATURE RANGE, UNIVERSAL MOUNTING CAPABILITY, INTEGRAL CHECK VALVES AND STRAINER, ASSE 1070 COMPLIANT, SET TO 110°F	BRADLEY	856-4000				
	SINK: 16-1/2"x19"x7-1/2" DEEP, SINGLE BOWL, #18 GAUGE, TYPE 304 NICKEL BEARING STAINLESS STEEL, TOP MOUNT, 1-3/4" VERTICAL AND HORIZONTAL RADIUS, BOWL AND FAUCET DECK RECESS 3/16" BELOW OUTSIDE EDGE OF SINK, FULLY UNDERCOATED TO DAMPEN SOUND AND PREVENT CONDENSATION 3-1/2" DRAIN OPENING, 3 HOLES, 8" CENTERS	ELKAY	LR1919				
	FAUCET: DECK MOUNTED MANUAL FAUCET, POLISHED CHROME PLATED FINISH, SOLID BRASS BODY CONSTRUCTION, 8" CENTERS, 8" SWING SPOUT, 1.5 GPM AERATOR	CHICAGO	1100-GNBA33-317AB				
MS1	TRIM: SUPPLY PIPE WITH WHEEL HANDLE STOPS, CAST BRASS P-TRAP WITH CLEAN-OUT, P.O. PLUG, CHROME PLATED BRASS 17 GAUGE TAILPIECE	MOJURE	165_8912				
	MOP SINK: 24"x24", PRECAST TERRAZZO ONE-PIECE PRODUCTS ARE MADE OF MARBLE CHIPS CAST IN PORTLAND CEMENT, 12" HIGH, SHOULDERS SHALL NOT BE LESS THAN 2" WIDE WITH 1/2" PITCH TOWARD INSIDE, STAINLESS STEEL CAPS ON ALL CURBS, DRAIN BODY MADE OF STAINLESS STEEL CAST INTEGRALLY AND PROVIDE FOR A GALVANIZED LEAD CONNECTION NOT LESS THAN 1" DEEP TO A 3" PIPE	CREATIVE INDUSTRIES	MC2424-12				
	TRIM: WALL MOUNTED SERVICE SINK FAUCET, POLISHED CHROME PLATED FINISH, SOLID BRASS BODY CONSTRUCTION, ATMOSPHERIC VACUUM BREAKER SPOUT WITH WALL BRACE, INTEGRAL CHECK VALVES, 3/4" MALE GARDEN HOSE THREAD OUTLET, LEVER HANDLES WITH SECURED COLOR CODED INDEX BUTTONS	CHICAGO	897-MPCRCF				
EW1	ELECTRIC WATER COOLER WITH HANDS FREE BOTTLE FILLER, ADA COMPLIANT, DUAL HEIGHT, WALL-MOUNTED, SENSOR ACTIVATED RUBBER, GALVANIZED STEEL CHASSIS, STAINLESS STEEL TOP BASIN HAS EMBOSSED RUBBER PAD, VANDAL-RESISTANT RUBBER, HEAVY DUTY, ONE-PIECE CONSTRUCTION, 8 GPM 50°F WATER AT 90°F AMBIENT AND 80°F INLET WATER, FILTER FOR TASTE, COOL, LEAD AND CHLORINE REDUCTION, AND FILTER MONITOR AND BOTTLE COUNTER, HERMETICALLY SEALED COMPRESSOR, REPROCCATING TYPE, 120V-1PH SEALED-IN LIFETIME OIL SUPPLY, EQUIPPED WITH ELECTRIC CORD AND THREE PRONG MOLDED RUBBER PLUG, REFRIGERANT R404A, SENSOR OPERATED BOTTLE FILLER	ELKAY	EZ00TLBWSBK				
	TRIM: SUPPLY PIPE WITH LOOSE KEY STOPS, CAST BRASS P-TRAP WITH CLEAN-OUT, DRAIN WITH CHROME PLATED CAST BRASS SOLID TOP	MOJURE	165LK_8902				
	CARRIER: WATER COOLER SUPPORT WITH TOP AND BOTTOM PLATES, RECTANGULAR STEEL UPRIGHTS WITH WELDED FEET, ADJUSTABLE SUPPORT PLATES AND MOUNTING FASTENERS	ZURN	SERIES 21200				
FD1	ADJUSTABLE CAST IRON BODY, ROUND NICKEL BRONZE STRAINER WITH VANDAL RESISTANT SCREWS, CAULK OUTLET, CONTRACTOR SHALL BUFF STRAINER TO BE SUITABLE FOR BAREFOOT TRAFFIC IN SHOWER AREAS, SURESEAL INLINE FLOOR DRAIN TRAP SEALER MODEL (3") SSS3009V OR (4") S84009V	J.R. SMITH	2005-A				
FD2	CAST IRON BODY, 12-INCH DIAMETER CAST IRON TRACTOR GRATE, SOLID FREE-STANDING SEDIMENT BUCKET, SIZE AS INDICATED ON DRAWINGS, FLOOR DRAINS LOCATED IN MECHANICAL ROOMS TO HAVE CAST IRON FUNNELS, SURESEAL INLINE FLOOR DRAIN TRAP SEALER MODEL (3") SSS3009V OR (4") S84009V	J.R. SMITH	2142				
FD3	SAME AS FD1 WITH 6" DIAMETER GALVANIZED FUNNEL	J.R. SMITH	2005-A				
RD1	LARGE, GENERAL PURPOSE ROOF DRAIN WITH CAST IRON BODY, CAST IRON DOME, BOTTOM OUTLET, ADJUSTABLE EXTENSION SLEEVE, REVERSED COLLAR, FLASHING CLAMP WITH GRAVEL STOP, SLUMP RECEIVER, AND UNDERDECK CLAMP, PROVIDE EXPANSION JOINT ON ALL BOTTOM OUTLET ROOF DRAINS, SIZE OF PIPING ON PLAN INDICATES OUTLET SIZE OF ROOF DRAINS	J.R. SMITH	1015-C-ID				
SRD1	FLOODING DAM-TYPE WITH 2-INCH CAST IRON WATER COLLAR, LARGE, GENERAL PURPOSE ROOF DRAIN WITH CAST IRON BODY, CAST IRON DOME, BOTTOM OUTLET, EXTENSION, FLASHING CLAMP WITH GRAVEL STOP, SLUMP RECEIVER, UNDERDECK CLAMP, PROVIDE EXPANSION JOINT ON ALL BOTTOM OUTLET ROOF DRAINS, SIZE OF PIPING ON PLAN INDICATES OUTLET SIZE OF ROOF DRAIN	J.R. SMITH	1045-C-ID				
DN1	DOWNSPOUT NOZZLE, POLISHED BRONZE BODY, NPT THREADS, WALL FLANGE WITH MOUNTING HOLES, SIZE OF PIPING ON PLANS INDICATES OUTLET SIZE, PROVIDE BIRD SCREEN	J.R. SMITH	1770				
HB1	HOSE BIBB: ANTI-SIPHON, VACUUM BREAKER PROTECTED WALL FAUCET ENCLOSED IN FLUSH MOUNTED BOX, CHROME FINISH, 1/2" INLET, 3/4-INCH MALE HOSE THREAD, LOOSE KEY OPERATOR, TEFLOX IMPREGNATED PACKING, SOLDERED INLET BOX TO BE CHROME PLATED FINISH WITH LOCKING ACCESS COVER	WOODFORD	867				

PUMP SCHEDULE									
TAG	LOCATION	ELECTRIC			GPM	FEET OF HEAD	MANUFACTURER	MODEL #	NOTES
		VOLT	PHASE	HP					
RCP1	JANITOR	120	1	1/12	3	20	BELL & GOSSETT	PL-30B	PROVIDE AUTOMATIC TIMER KIT EQUAL TO B&G MODEL TC-1 AND ADJUSTAT TO LIMIT PUMP OPERATION
SP1	ELEVATOR PIT	120	1	1/3	35	20	WEIL	1409	PROVIDE 24" DIAMETER x 30" DEEP BASIN, PROVIDE SIMPLEX CONTROL PANEL WITH CONTACTS FOR CONNECTION TO BUILDING AUTOMATION SYSTEM

EXPANSION TANK SCHEDULE						
TAG	LOCATION	TOTAL VOLUME (GALLONS)	INLET	MANUFACTURER	MODEL #	NOTES
ET1	EVH1	2	3/4"	AMTRKOL	ST-5C	CHANGE TO INCOMING WATER PRESSURE AFTER REDUCED PRESSURE BACKFLOW PREVENTER

ELECTRIC WATER HEATER SCHEDULE								
TAG	ELECTRIC			GALLONS OF STORAGE	RECOVERY @100°F	MANUFACTURER	MODEL #	NOTES
	VOLT	PHASE	KW					
EVH1	208	1	6	50	24	A.O. SMITH	DEL-50	SET TEMPERATURE TO 140°F

#	DATE	CHANGE DESCRIPTION

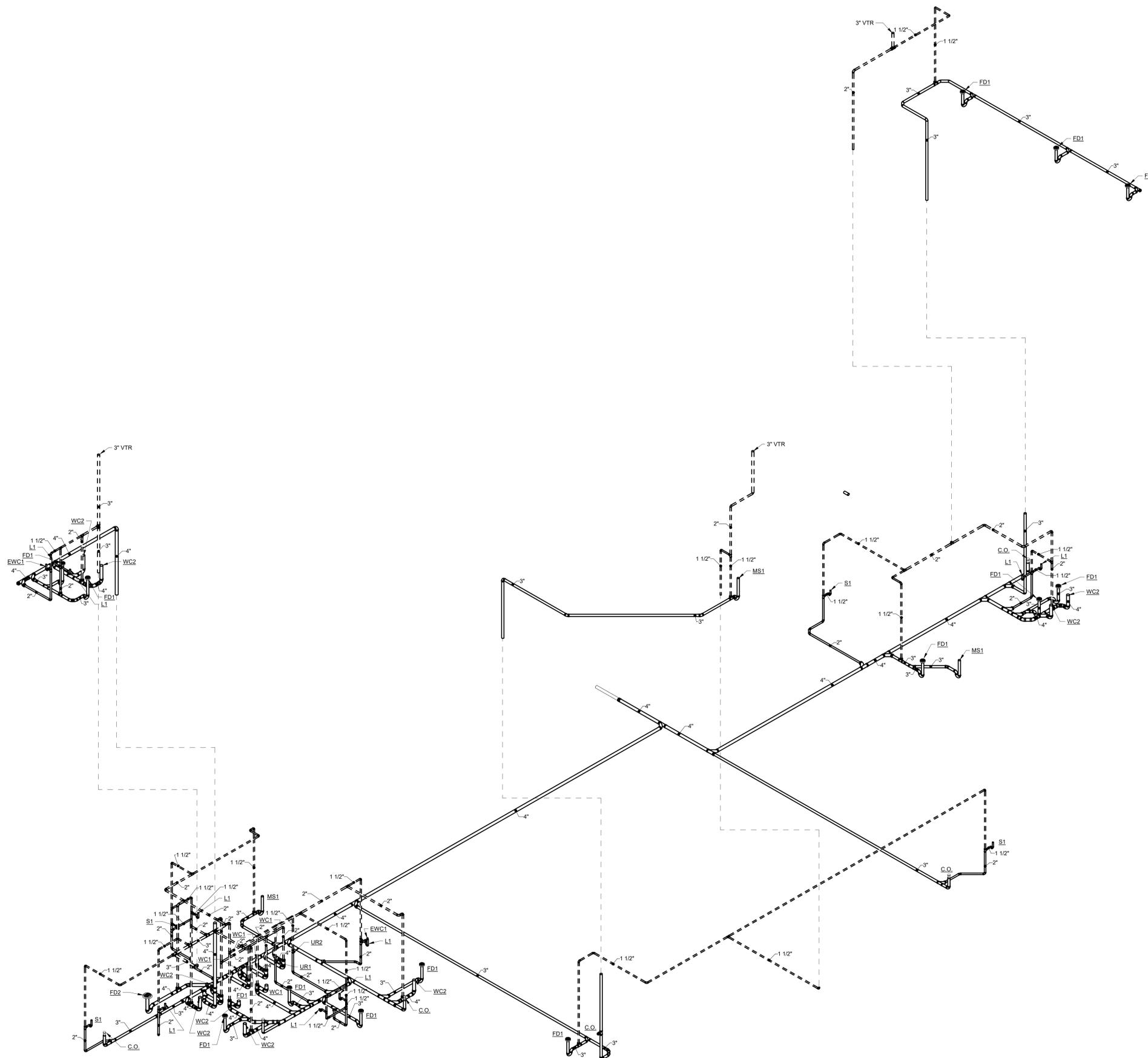
CML LINDEN BRANCH
 2223 CLEVELAND AVE
 COLUMBUS, OH 43211
 FOR
COLUMBUS METROPOLITAN LIBRARY

300 SPRUCE STREET
 SUITE 300
 COLUMBUS, OHIO 43215

PHONE: (614) 461-4664
 FAX: (614) 280-8881

DRAWING TITLE:
SCHEDULES - PLUMBING

11/21/2023
 DRAWN BY: Author | CHECKED BY: Checker
 Proj. # 21507
P601
 PERMIT SET



1 DETAIL ISOMETRIC - DWV
N.T.S.

#	DATE	CHANGE DESCRIPTION

CML LINDEN BRANCH
2223 CLEVELAND AVE
COLUMBUS, OH 43211
FOR
COLUMBUS METROPOLITAN LIBRARY

MOODY-NOLAN
300 SPRUCE STREET
SUITE 300
COLUMBUS, OHIO 43215
PHONE: (614) 461-4664
FAX: (614) 280-8881

DRAWING TITLE:

ISOMETRICS - PLUMBING

	11/21/2023
	DRAWN BY: Author CHECKED BY: Checker
	Proj. # 21507
	P701
PERMIT SET	

MECHANICAL ABBREVIATIONS
NOTE: NOT ALL ABBREVIATIONS MAY BE USED.
ABBREVIATION DESCRIPTION
(A) EXISTING TO BE ABANDONED
(D) EXISTING TO BE DEMOLISHED
(E) EXISTING TO REMAIN
(F) FUTURE
(R) EXISTING TO BE RELOCATED
ARCHITECT/ENGINEER
AFF ABOVE FINISHED FLOOR
APD AIR PRESSURE DROP
AVG AVERAGE OR AVERAGING
BAS BUILDING AUTOMATION SYSTEM
BHP BRAKE HORSEPOWER
BOB BOTTOM OF BEAM
BOD BOTTOM OF DUCT
BOP BOTTOM OF PIPE
BOS BOTTOM OF STRUCTURE
BTUH BRITISH THERMAL UNITS PER HOUR
CFM CUBIC FEET PER MINUTE
COMPR COMPRESSOR
COP COEFFICIENT OF PERFORMANCE
CV CONSTANT VOLUME
DB DRY BULB OR DEGBELS
DDC DIRECT DIGITAL CONTROLS
DIA DIAMETER
DN DOWN
ENT ENTERING AIR TEMPERATURE
ECM ELECTRIC COMMUTATED MOTOR
EER ENERGY EFFICIENCY RATIO
EFF EFFICIENCY
EG ETHYLENE GLYCOL
ESP EXTERNAL STATIC PRESSURE
EWT ENTERING WATER TEMPERATURE
FLA FULL LOAD AMPS
FPM FEET PER MINUTE
FPS FEET PER SECOND
FT FEET
GAL GALLONS
GPM GALLONS PER MINUTE
HD HEAD
HP HORSEPOWER
ID INNER DIAMETER
IEER INTEGRATED ENERGY EFFICIENCY RATIO
IN INCHES
IPLV INTEGRATED PART LOAD VALUE
KW KILLOWATTS
LAT LEAVING AIR TEMPERATURE
LBS POUNDS
LWT LEAVING WATER TEMPERATURE
MBH ONE THOUSAND BTUH
MCA MINIMUM CIRCUIT AMPACITY
MERV MINIMAL EFFICIENCY REPORTING VALUE
MOCP MAXIMUM OVERCURRENT PROTECTION
N/A NOT APPLICABLE
NC NORMALLY CLOSED OR NOISE CRITERIA
NO NORMAL OPEN
NPLV NONSTANDARD PART LOAD VALUE
NPSH NET POSITIVE SUCTION HEAD
NTS NOT TO SCALE
OD OUTSIDE DIAMETER
PD PRESSURE DROP
PG PROPYLENE GLYCOL
PPH POUNDS PER HOUR
PPM PARTS PER MILLION
PSI POUNDS PER SQUARE INCH
REFRIG REFRIGERANT
RH RELATIVE HUMIDITY
RPM REVOLUTIONS PER MINUTE
SEER SEASON ENERGY EFFICIENCY RATIO
SP STATIC PRESSURE
TSP TOTAL STATIC PRESSURE
TYP TYPICAL
UNO UNLESS NOTED OTHERWISE
VAV VARIABLE AIR VOLUME
VFD VARIABLE FREQUENCY DRIVE
VRF VARIAM REFRIGERANT FLOW
W WATTS
WB WET BULB
WG WATER GAUGE
WPD WATER PRESSURE DROP

MECHANICAL SYSTEM TYPES
NOTE: NOT ALL ABBREVIATIONS MAY BE USED.
ABBREVIATION DESCRIPTION
CHR CHILLED WATER RETURN
CHS CHILLED WATER SUPPLY
CWR CONDENSER WATER RETURN
CWS CONDENSER WATER SUPPLY
D DRAIN
EA EXHAUST AIR
GR GEOTHERMAL RETURN
GS GEOTHERMAL SUPPLY
HR HEAT PUMP RETURN
HS HEAT PUMP SUPPLY
HWR HEATING WATER RETURN
HWS HEATING WATER SUPPLY
MW MAKEUP WATER
OA OUTDOOR AIR
PC PUMPED CONDENSATE
RA RETURN AIR
REF REFRIGERANT
REL RELIEF AIR
SA SUPPLY AIR
V VENT

WALL RATING LEGEND
FIRE RESISTIVE RATED WALLS, 1 HOUR
FIRE RESISTIVE RATED WALLS, 2 HOUR
FIRE RATED, SMOKE BARRIER WALLS, 1 HOUR
FIRE RATED, SMOKE BARRIER WALLS, 2 HOUR

MECHANICAL SYMBOLS LIST
NOTE: NOT ALL SYMBOLS MAY BE USED.

GENERAL LINE STYLES
SYMBOL DESCRIPTION
GENERAL
KEYNOTE (SEE LEGEND ON SHEET)
REVISION TRIANGLE
CONNECT TO EXISTING
END OF DEMOLITION
DUCTWORK
SUPPLY AND OUTDOOR AIR
RECTANGULAR DUCT ELBOW UP
OVAL DUCT ELBOW UP
ROUND DUCT ELBOW UP
RETURN, RELIEF, AND EXHAUST AIR
RECTANGULAR DUCT ELBOW UP
OVAL DUCT ELBOW UP
ROUND DUCT ELBOW UP
SUPPLY AND OUTDOOR AIR
RECTANGULAR DUCT ELBOW DOWN
OVAL DUCT ELBOW DOWN
ROUND DUCT ELBOW DOWN
RETURN, RELIEF, AND EXHAUST AIR
RECTANGULAR DUCT ELBOW DOWN
OVAL DUCT ELBOW DOWN
ROUND DUCT ELBOW DOWN
SUPPLY DIFFUSER WITH FLEXIBLE DUCT
TAG - NECK SIZE AIRFLOW (CFM) TAG EXAMPLE: S1-6@ 100
SUPPLY DIFFUSER
TAG - NECK SIZE AIRFLOW (CFM) TAG EXAMPLE: S1-6@ 100
RETURN/EXHAUST GRILLE
TAG - NECK SIZE AIRFLOW (CFM) TAG EXAMPLE: R1-22@10 500
E1-22@10 500
SIDEWALL SUPPLY DIFFUSER
TAG - NECK SIZE AIRFLOW (CFM) TAG EXAMPLE: S2-12@ 100
SIDEWALL RETURN/EXHAUST GRILLE
TAG - NECK SIZE AIRFLOW (CFM) TAG EXAMPLE: R2 - 10@10 100
E2 - 10@10 100
AIRFLOW ARROW
NEW WORK MECHANICAL EQUIPMENT (WITH CLEARANCE SHOWN)
GENERIC FAN
TERMINAL BOXES
VAV TERMINAL BOX (WITH REHEAT)
VAV TERMINAL BOX (NO REHEAT)
TERMINAL BOX NOTES
1. IF MIN COOLING CFM IS NOT SHOWN ON PLANS, THEN MIN COOLING CFM IS EQUAL TO 65% OF MAX COOLING CFM.
2. HEATING CFM IS EQUAL TO MIN COOLING CFM.
DUCTWORK PLANS
TAG
MAX COOLING CFM / MIN COOLING CFM
PIPING PLANS
TAG
TAG EXAMPLES:
DUCTWORK PLANS TB1 500/200
PIPING PLANS TB1 500
DAMPERS/DUCT ACCESSORIES
BDD: BACKDRAFT DAMPER
FSD: FIRE/SMOKE DAMPER
FD: FIRE DAMPER
MD: MOTORIZED DAMPER
SD: SMOKE DAMPER
VD: VOLUME DAMPER
SB: SECURITY BARS
ACCESS DOOR

GENERAL MECHANICAL NOTES

- 1. VISIT THE SITE OF THE WORK TO GAIN AN ACCEPTABLE KNOWLEDGE OF CONDITIONS AFFECTING THE EXECUTION OF THE WORK. AFTER VISITING THE SITE, REQUEST INFORMATION AND/OR CLARIFICATIONS AS NECESSARY TO FULLY UNDERSTAND THE WORK REQUIRED AND TO PROPERLY ESTIMATE COSTS.
2. REVIEW ALL DRAWINGS TO VERIFY EXTENT AND SCHEDULING OF ALL DEMOLITION ACTIVITIES PRIOR TO COMMENCING DEMOLITION WORK. TO AID IN DRAWING CLARITY, ALL EXISTING SYSTEMS MAY NOT BE SHOWN. FIELD VERIFY ALL SIZES AND LOCATIONS OF EXISTING DUCTWORK, PIPING, EQUIPMENT, ETC. NOTIFY ARCHITECT/ENGINEER OF DEVIATIONS WHICH AFFECT RENOVATION WORK PRIOR TO PROCEEDING WITH THE WORK. COORDINATE DISPOSAL/SALVAGE OF ALL FIXTURES, DEVICES, EQUIPMENT, ETC. (INDICATED FOR DEMOLITION) WITH THE OWNER. ALL EQUIPMENT TO BE REUSED OR RETURNED TO OWNER SHALL BE REMOVED AS TO NOT DAMAGE THE EQUIPMENT OR AFFECT ITS REUSE. IF ANY REUSED OR RETURNED EQUIPMENT OR MATERIAL IS DAMAGED BY THE CONTRACTOR, IT SHALL BE REPLACED BY THE CONTRACTOR WITH NO EXPENSE TO THE OWNER.
3. ITEMS NOTED TO BE DEMOLISHED INCLUDES BUT IS NOT LIMITED TO ALL ASSOCIATED COMPONENTS, CONTROL WIRING, PIPING, DUCTWORK, ELECTRICAL CONNECTIONS, SUPPORTS, INSULATION, ETC. COORDINATE WITH OTHER TRADES AS REQUIRED.
4. ALL WORK IS TO BE PHASED AS INDICATED ON THE ARCHITECTURAL DRAWINGS. CONTRACTOR SHALL COORDINATE PHASING OF ALL DEMOLITION, RENOVATION, AND NEW WORK WITH OTHER TRADES. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE AND PHASE ALL TIENS AND INTERRUPTIONS OF EXISTING SERVICES TO MINIMIZE OR ELIMINATE DOWNTIME. CLOSELY COORDINATE PHASING OF WORK WITHIN CORRIDORS WITH THE OWNER. CORRIDORS CANNOT BE COMPLETELY CLOSED OFF TO PEDESTRIAN TRAFFIC. TO ACCOMMODATE PHASING, CORRIDOR ACCESS WORK MAY NEED TO BE PERFORMED DURING OFF PEAK PERIODS. PRIOR TO MOVING ON TO THE NEXT PHASE, ALL WORK IN PREVIOUSLY PHASED AREAS MUST BE COMPLETE AND OPERATIONAL. THE CONTRACTOR SHALL INSTALL ALL NEW SERVICES AND EQUIPMENT AND HAVE THEM TESTED AND FULLY AND RELIABLY FUNCTIONAL PRIOR TO INSTALLATION. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO BARE ANY AND ALL COSTS ASSOCIATED WITH THIS PHASING, INCLUDING TEMPORARY SERVICES, TEMPORARY RELOCATION, PREMIUM TIME WORK, ETC.
5. ENSURE THAT THE WORK WILL NOT INTERFERE OR INTERRUPT SERVICES TO AREAS OUTSIDE OF THE DESIGNATED CONTRACT AREAS. SCHEDULE ALL WORK AS TO CAUSE MINIMAL SERVICE INTERRUPTIONS FOR THE OWNER. UNAVOIDABLE INTERRUPTIONS ARE TO BE SCHEDULED WITH THE OWNER NO LESS THAN TWO WEEKS PRIOR TO THEIR EXPECTED COMMENCEMENT. WORK SHALL BE PERFORMED AT SUCH TIMES AS DIRECTED BY THE OWNER AND, IF POSSIBLE, ARE TO OCCUR DURING OFF PEAK PERIODS.
6. THE CONTRACTOR IS TO VERIFY THE EXACT SERVICE OF ANY EXISTING PIPING OR DUCTWORK PRIOR TO INSTALLING ANY NEW CONNECTIONS. ANY DISCREPANCIES BETWEEN THE CONSTRUCTION DOCUMENTS OR THE DESIGN INTENT AND ACTUAL CONDITIONS ARE TO BE BROUGHT TO THE ATTENTION OF THE ENGINEER IMMEDIATELY. PRIOR TO FABRICATION OR INSTALLATION.
7. CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTION AND SHALL REPAIR ADJACENT SURFACES, AREAS, EQUIPMENT, SYSTEMS, AND PROPERTY THAT MAY BE DAMAGED AS A RESULT OF DEMOLITION AND/OR NEW WORK. CONTRACTOR SHALL REMOVE AND REPLACE EXISTING LAY-IN CEILING GRID AND TILES AS NECESSARY TO COMPLETE ABOVE CEILING WORK. RETURN CEILING TO ORIGINAL CONDITION FOLLOWING COMPLETION OF CONSTRUCTION.
8. EACH TRADE SHALL PAY THE GENERAL CONTRACTOR TO PATCH AND REPAIR FLOOR SLAB AND WALL PENETRATIONS TO MATCH EXISTING WHERE THEIR PIPING, DUCT OR EQUIPMENT IS BEING REMOVED OR INSTALLED.
9. ALL ROOFING MODIFICATIONS SHALL BE DONE BY OWNER'S ROOFING VENDOR TO MAINTAIN ANY AND ALL WARRANTIES. COST TO BE INCLUDED IN THIS CONTRACT UNLESS SPECIFICALLY INCLUDED IN GENERAL TRADES CONTRACTOR'S SCOPE OF WORK.
10. THE CONTRACTOR IS HEREBY ADVISED THAT IT IS POSSIBLE THAT ASBESTOS, LEAD BASED PAINTS, AND/OR OTHER HAZARDOUS MATERIALS ARE OR WERE PRESENT IN THIS BUILDING(S), ANY WORKER, OCCUPANT, VISITOR, ETC., WHO ENCOUNTERS ANY MATERIAL OF WHOSE CONTENT THEY ARE NOT CERTAIN SHALL PROMPTLY REPORT THE EXISTENCE AND LOCATION OF THAT MATERIAL TO THE OWNER. FURTHERMORE, THE CONTRACTOR SHALL ENSURE THAT NO ONE COMES NEAR TO OR IN CONTACT WITH ANY SUCH MATERIAL, FUMES, OR DUST UNTIL ITS CONTENT CAN BE ASCERTAINED BY THE ENGINEER WHO HAS NO EXPERTISE IN THE DETERMINATION OF THE PRESENCE OF ANY HAZARDOUS MATERIAL. THEREFORE, NO ATTEMPT HAS BEEN MADE BY THE ENGINEER TO IDENTIFY THE EXISTENCE OR LOCATION OF ANY SUCH HAZARDOUS MATERIAL. FURTHERMORE, THE ENGINEER NOR ANY AFFILIATE HEREOF WILL NOT OFFER OR MAKE ANY RECOMMENDATIONS RELATIVE TO THE REMOVAL, HANDLING, OR DISPOSAL OF SUCH MATERIAL. IF THE WORK WHICH IS TO BE PERFORMED INTERFERES, CONNECTS, OR RELATES IN ANY PHYSICAL WAY WITH OR TO EXISTING COMPONENTS WHICH CONTAIN OR BEAR ANY HAZARDOUS MATERIAL, ASBESTOS BEING ONE, THEN IT SHALL BE THE CONTRACTOR'S SOLE RESPONSIBILITY TO CONTACT THE OWNER AND SO ADVISE THE OWNER IMMEDIATELY. THE CONTRACTOR SHALL PROTECT AND PROTECT ALL LABOR REQUIRED TO INSTALL COMPLETE AND OPERABLE SYSTEMS AS STATED, IMPLIED, OR THEREBY AGREE TO BRING NO CLAIM, RELATIVE TO OTHER SUCH ITEM AGAINST THE ENGINEER, ITS PRINCIPALS, EMPLOYEES, AGENTS, OR CONSULTANTS. ALSO, THE CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY, AND HOLD THE ENGINEER, ITS PRINCIPALS, EMPLOYEES, AGENTS, AND CONSULTANTS HARMLESS FROM ANY SUCH RELATED CLAIMS WHICH MAY BE BROUGHT BY ANY SUBCONTRACTORS OR OTHER THIRD PARTIES.
11. ALL WORK SHALL BE PERFORMED IN ACCORDANCE AND COMPLY WITH ALL LAWS, ALL REGULATIONS, INSURANCE CARRIER REQUIREMENTS, CODES, AND STANDARDS (FEDERAL, STATE, AND LOCAL), AS ADOPTED BY THE AGENCIES HAVING JURISDICTION, WHERE ANY DIFFER, THE MOST STRINGENT SHALL APPLY.
12. CONTRACTOR SHALL COMPLY WITH THE ENTIRE SET OF CONSTRUCTION DOCUMENTS (DRAWINGS AND SPECIFICATIONS) FOR ALL TRADES. CONTRACTOR SHALL PAY CLOSE ATTENTION TO ADDITIONAL REQUIREMENTS THAT MAY BE LISTED IN THE GENERAL CONDITIONS AND IN THE FRONT-END SPECIFICATIONS.
13. IN CASE OF CLARIFICATIONS OR DISCREPANCIES, THE CONTRACTOR SHALL PROMPTLY NOTIFY THE ENGINEER IN WRITING FOR FINAL DETERMINATION PRIOR TO THE BID.
14. THE ENGINEER DOES NOT DEFINE THE SCOPE OF INDIVIDUAL TRADES, SUBCONTRACTORS, MATERIAL SUPPLIERS AND VENDORS, ANY SHEET NUMBERING OR SPECIFICATION NUMBERING SYSTEM USED WHICH IDENTIFIES DISCIPLINES IS SOLELY FOR THE ENGINEER'S CONVENIENCE AND IS NOT INTENDED TO DEFINE A SUBCONTRACTOR'S SCOPE OF WORK. INFORMATION REGARDING INDIVIDUAL TRADES, SUBCONTRACTORS, MATERIAL SUPPLIERS AND VENDORS MAY BE DETAILED, DESCRIBED, AND INDICATED AT DIFFERENT LOCATIONS THROUGHOUT THE CONTRACT DOCUMENTS. NO CONSIDERATION WILL BE GIVEN TO REQUESTS FOR CHANGE ORDERS FOR FAILURE TO OBTAIN AND REVIEW THE COMPLETE SET OF CONTRACT DOCUMENTS WHEN PREPARING BIDS, PRICES, AND QUOTATIONS. UNLESS STATED OTHERWISE, THE SUBDIVISION AND ASSIGNMENT OF WORK UNDER THE VARIOUS SECTIONS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR HOLDING THE PRIME CONTRACT.
15. CONTRACT DOCUMENTS FOR MECHANICAL WORK ARE SCHEMATIC IN NATURE AND ARE INTENDED TO CONVEY SCOPE AND GENERAL ARRANGEMENT ONLY. ALL OFFSETS, TURNS, FITTINGS, TRIM, DETAIL, ETC., MAY NOT BE INDICATED, BUT SHALL BE PROVIDED AS REQUIRED. INSTALL DUCTWORK/PIPING NEATLY ALONG WALLS AND/OR IN HORIZONTAL GROUPS AND MAINTAIN REQUIRED SLOPES. WORK SHALL BE INSTALLED FROM FULLY COORDINATED CONTRACTOR GENERATED DIMENSIONED DRAWINGS.
16. PROVIDE ALL MATERIALS, EQUIPMENT, FEES, AND PERMITS TO PERFORM ALL LABOR REQUIRED TO INSTALL COMPLETE AND OPERABLE SYSTEMS AS STATED, IMPLIED, OR INTENDED IN THE DRAWINGS AND SPECIFICATIONS. INCLUDE IN THE BID AS PART OF THE CONTRACT, ALL NECESSARY AND APPLICABLE SUPPLIES, MATERIALS, AND APPURTENANCES, WHETHER INDICATED OR NOT.
17. ALL SEALS, BEARINGS, PACKINGS, AND ACCESSORIES FOR ALL EQUIPMENT AND PIPING SPECIALTIES SHALL BE SUITABLE FOR THE CONTINUOUS OPERATIONAL TEMPERATURES, PRESSURES, AND CHARACTERISTICS OF THE SYSTEM THEY SERVE.
18. WHERE CEILINGS ARE INDICATED, ALL DUCTS, PIPES, AND WIRING SHALL BE ROUTED ABOVE CEILING. IN EXPOSED CONDITIONS, INSTALL DUCTWORK, PIPING, AND WIRING TIGHT TO THE BOTTOM OF STRUCTURE. ALL EXPOSED WIRING SHALL BE RUN IN CONDUIT.
19. ALL SUPPORTS FOR EQUIPMENT, DUCTWORK AND PIPING SYSTEMS, AND DEVICES SHALL BE FROM THE BUILDING STRUCTURE. SUPPORT FROM STRUCTURAL BRIDGING IS UNACCEPTABLE.
20. ALL RATED WALL AND FLOOR PENETRATIONS ARE TO BE SEALED WATER TIGHT AND PACKED WITH FIRE STOP MATERIAL. REFER TO ARCHITECTURAL DRAWINGS FOR LOCATIONS AND TYPE OF FIRE AND/OR SMOKE RATED BUILDING ELEMENTS.
21. INSTALL EQUIPMENT, MATERIALS, ETC. IN STRICT ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS AND DIRECTION. PROVIDE STRAIGHT INLET AND OUTLET DUCT/PIPES BASED ON EQUIPMENT MANUFACTURER'S RECOMMENDATIONS. CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR START-UP PER MANUFACTURER'S RECOMMENDATIONS OF ALL EQUIPMENT AND SYSTEMS INSTALLED. IF IN CONFLICT WITH THE CONTRACT DOCUMENTS, ADVISE THE ENGINEER IN WRITING PRIOR TO INSTALLATION FOR CLARIFICATION.
22. ALL ITEMS THAT REQUIRE MAINTENANCE OR ADJUSTMENT MUST BE INSTALLED IN ACCESSIBLE LOCATIONS WITH PROPER CLEARANCES MAINTAINED AND WHERE POSSIBLE INSTALL IN LOCATIONS THAT ARE ACCESSIBLE FROM FLOOR LEVEL. PROVIDE AN APPROPRIATELY SIZED ACCESS DOOR AS REQUIRED AT NO ADDITIONAL COST TO OTHERS.
23. ANY DEVIATIONS FROM THE BASIS OF DESIGN THAT REQUIRE ADDITIONAL PROVISIONS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
24. COORDINATE THE EXACT REQUIREMENTS, LOCATION, AND CLEARANCES OF WORK WITH THE WORK OF OTHER TRADES PRIOR TO FABRICATION AND INSTALLATION. PROVIDE ADDITIONAL OFFSETS AND SECTIONS IN DUCTWORK AND/OR PIPING REQUIRED TO MEET THE APPLICABLE JOB CONDITION REQUIREMENTS. VERIFY JOB SITE ELEVATIONS, DIMENSIONS, AND CONDITIONS. PRIOR TO FABRICATION OR INSTALLATION OF THE WORK, COORDINATE EXACT ROUTING OF DUCTWORK AND PIPING WITH OTHER TRADES SO THAT NO CONFLICTS OCCUR WITH DUCTWORK, PIPING, LIGHTS, STRUCTURE, ETC. PROVIDE ALL PERTINENT DATA CONCERNING THE LOCATION, DIMENSIONS, ETC. OF THE MECHANICAL EQUIPMENT THAT REQUIRES BASES, CURBS, AND SUPPORTS TO THE APPROPRIATE TRADES. WORK NOT APPROPRIATELY COORDINATED SHALL BE REMOVED AND PROPERLY INSTALLED AT THE EXPENSE OF THE RESPONSIBLE CONTRACTOR(S).
25. PRIOR TO ORDERING ANY MATERIALS OR ROUGH-IN OF ANY KIND, THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR FINAL COORDINATION OF ALL ELECTRICAL REQUIREMENTS (I.E. VOLTAGE, PHASE, CIRCUIT BREAKER, WIRE SIZING, ETC.) WITH THE ELECTRICAL CONTRACTOR. THERE WILL BE NO CHANGE IN THE CONTRACT AMOUNT FOR ANY DISCREPANCIES.
26. CONTRACTOR IS TO MAINTAIN RECORDED "AS-BUILT" INFORMATION ON ALL EXISTING SERVICES UNCOVERED DURING CONSTRUCTION (IF APPLICABLE) AND ALL NEW SERVICES BEING INSTALLED. "AS-BUILT" DRAWINGS SHALL BE MAINTAINED IN THE FIELD. THE "AS-BUILTS" SHALL CAPTURE INFORMATION ON A CLEARLY MARKED IN COLOR PRINTED COPY OF CONTRACT DRAWINGS. RECORDED INFORMATION SHALL INCLUDE ROUTING AND INVERT ELEVATIONS. AT THE COMPLETION OF THE CONTRACT, THE CONTRACTOR SHALL PROVIDE ELECTRONIC (PDF FORMAT) OF RECORDED "AS-BUILT" INFORMATION TO THE ENGINEER.
27. THE CONTRACTOR SHALL INFORM THE ENGINEER AS SOON AS THE AIR SYSTEMS ARE READY FOR BALANCING. CONTRACTOR SHALL PERFORM A COMPLETE AIR SYSTEM FLOW BALANCE FOR ALL EQUIPMENT THAT IS SHOWN, SCHEDULED, OR OTHERWISE IDENTIFIED. CONTRACTOR SHALL INCLUDE TIME IN CONSTRUCTION SCHEDULE TO FULLY TEST AND BALANCE SYSTEMS PRIOR TO OCCUPANCY TO ASSURE ADJUSTMENTS CAN BE MADE TO MITIGATE COMFORT ISSUES FOR OCCUPANTS POST CONSTRUCTION.
28. UPON COMPLETION OF HVAC SYSTEMS, THE CONTRACTOR SHALL INSTRUCT THE OWNER'S PERSONNEL IN THE COMPLETE OPERATION, STARTUP, SHUTDOWN, CONTROL, TROUBLE SHOOTING, SERVICING, AND MAINTENANCE OF EACH PIECE OF EQUIPMENT/SYSTEM. FOR EQUIPMENT OR SYSTEMS REQUIRING SEASONAL OPERATION, INSTRUCT FOR THE OTHER SEASON WITHIN SIX MONTHS. CONTRACTOR SHALL PROVIDE FACTORY TRAINED SPECIALISTS FOR PROPER INSTRUCTION TO OWNER'S PERSONNEL.
29. DUCTWORK DIMENSIONS SHOWN ON DRAWINGS ARE INSIDE CLEAR, UNLESS NOTED OTHERWISE.
30. COORDINATE THE EXACT LOCATIONS OF DIFFUSERS, GRILLES, REGISTERS AND ALL OTHER CEILING MOUNTED ITEMS WITH ARCHITECTURAL REFLECTED CEILING PLANS, AREA SMOKE DETECTORS, SPRINKLERS, LIGHTS, AND ELECTRICAL DEVICES. AIR DEVICES SHALL NOT BE WITHIN 3 FEET OF AN AREA SMOKE DETECTOR.
31. UNLESS NOTED OTHERWISE, PROVIDE BRANCH DUCT TO DIFFUSERS SAME SIZE AS DIFFUSER NECK. FLEXIBLE DUCT CONNECTION TO THE DIFFUSER SHALL BE NO MORE THAN FIVE FEET IN LENGTH. CONTRACTOR SHALL USE A FLEXIBLE DUCT ELBOW SUPPORT AT FLEXIBLE DUCT CONNECTION TO CEILING DIFFUSERS. ALL BRANCH DUCT TAKEOFFS TO AIR DEVICES SHALL HAVE A MANUAL BALANCING DAMPER INSTALLED IN AN ACCESSIBLE LOCATION UNLESS AIR DEVICE IS PROVIDED WITH AN INTEGRAL BALANCE DAMPER.
32. CONTRACTOR IS RESPONSIBLE FOR MAKING ALL EXPOSED DUCTWORK PAINT READY.
33. PROVIDE ROOM TEMPERATURE THERMOSTATS WITH TEMPERATURE INDICATOR AND SET POINT ADJUSTMENT, UNLESS NOTED OTHERWISE. FOR ALL EQUIPMENT THAT MAINTAINS SPACE TEMPERATURE, PREFERRED LOCATIONS ARE SHOWN ON THE PLANS. THERMOSTATS SHALL BE MOUNTED AT 48" ABOVE FINISHED FLOOR, UNLESS NOTED OTHERWISE. COORDINATE THE EXACT LOCATIONS OF THERMOSTATS WITH FURNITURE, FRAMING, MARKERBOARDS, SWITCHES, OUTLETS, AND ANY OTHER WALL MOUNTED ITEMS PRIOR TO ROUGH-IN.
34. INSTALL ALL PIPING IN LOCATIONS AND ELEVATIONS SUCH THAT COILS, TUBES, AND FILTERS CAN BE REMOVED AND REPLACED WITHOUT MAJOR PIPING REMOVAL. LOCATE VALVES IN APPROPRIATE PLACES TO ACCOMMODATE MAINTENANCE. FOR GRAVITY FLOW PIPING, ADEQUATE SLOPE SHALL BE PROVIDED.
35. DO NOT INSTALL PIPING, CONDUIT, DUCTWORK, ETC., IN A LOCATION OR IN A MANNER THAT WILL ALLOW FREEZING AND/OR THE COLLECTION OF CONDENSATION.
36. CONTRACTOR IS RESPONSIBLE FOR DRAINING, FLUSHING, PURGING, AND FILLING ALL PIPING SYSTEMS AS REQUIRED AND ANY ADDITIONAL ISOLATION VALVES OR DRAIN VALVES REQUIRED TO DO SO SHALL BE PROVIDED. THESE SYSTEMS INCLUDE (BUT MAY NOT BE LIMITED TO); CONDENSATE SYSTEMS.
37. INSTALLATION OF HVAC, REFRIGERATION, AND FIRE SUPPRESSION EQUIPMENT SHALL NOT CONTAIN ANY CFCS OR HALONS.
38. AT TIME OF ROUGH INSTALLATION, DURING STORAGE ON THE CONSTRUCTION SITE, AND UNTIL FINAL STARTUP OF THE HEATING AND COOLING EQUIPMENT, ALL DUCT AND OTHER RELATED AIR DISTRIBUTION COMPONENT OPENINGS SHALL BE COVERED WITH TAPE, PLASTIC, SHEET METAL OR OTHER METHODS ACCEPTABLE FOR PROTECTION TO THE ENFORCING AGENCY TO REDUCE THE AMOUNT OF DUST OR DEBRIS WHICH MAY COLLECT IN THE SYSTEMS). ANY ITEM NOT PROTECTED SHALL BE CLEANED OR REPLACED AT THE CONTRACTOR'S EXPENSE.
39. IN MECHANICALLY VENTILATED BUILDINGS, PROVIDE REGULARLY OCCUPIED AREAS OF THE BUILDING WITH AIR FILTRATION MEDIA FOR OUTSIDE AND RETURN AIR THAT PROVIDES AT LEAST A MINIMUM EFFICIENCY REPORTING VALUE (MERV) OF 8 PRIOR TO OCCUPANCY. FILTERS SHALL BE CHANGED PRIOR TO AIR BALANCE AND COMMISSIONING, AND AGAIN AT THE COMPLETION OF CONSTRUCTION JUST PRIOR TO OCCUPANCY OF THE BUILDING WITH FINAL FILTERS PER SPECIFICATIONS. MAINTENANCE RECOMMENDATIONS FOR FILTERS OF THE SAME VALUE SHALL BE INCLUDED IN THE OPERATION AND MAINTENANCE MANUAL.
40. CONTRACTOR SHALL PROVIDE A COMPLETE HVAC INVENTORY FOR ALL HVAC EQUIPMENT TO INCLUDE: MAKE, MODEL, SERIAL NUMBER, LOCATION OR AREA SERVICING, AND AIR FILTER SIZE WITH SUGGESTED MERV # PRIOR TO OPENING THE BUILDING TO THE PUBLIC.

DATE CHANGE DESCRIPTION

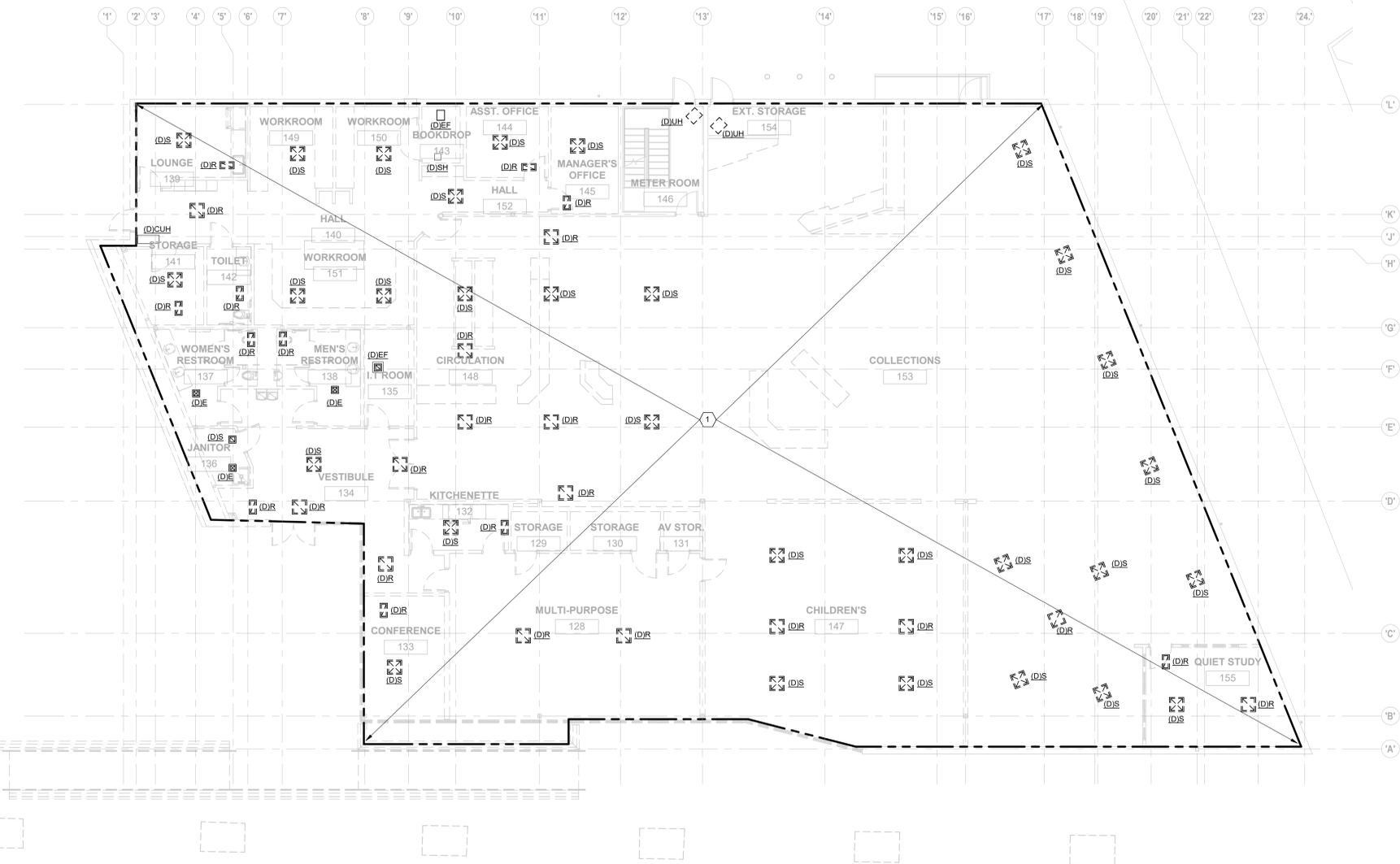
CML LINDEN BRANCH
2223 CLEVELAND AVE
COLUMBUS, OH 43211
FOR
COLUMBUS METROPOLITAN LIBRARY
300 SPRUCE STREET
SUITE 300
COLUMBUS, OHIO 43215
PHONE: (614) 461-4664
FAX: (614) 280-8881

GENERAL INFORMATION - MECHANICAL

11/21/2023
DRAWN BY: BMJ CHECKED BY: ZJO
Proj. # 21507
M001
PERMIT SET

MECHANICAL DEMO TYPES AND ABBREVIATIONS
NOTE: NOT ALL ABBREVIATIONS MAY BE USED.

ABBREVIATION	DESCRIPTION
CU	AIR COOLED CONDENSING UNIT
CUH	CABINET UNIT HEATER
E	EXHAUST AIR DEVICE
EF	EXHAUST FAN
GF	GAS FIRED FURNACE
H	HUMIDIFIER
HRW	HEAT RECOVERY UNIT
R	RETURN AIR DEVICE
S	SUPPLY AIR DEVICE
SH	SPACE UNIT HEATER
UH	UNIT HEATER



1 PLAN MAIN LEVEL PLAN - MECHANICAL DEMOLITION
1/8" = 1'-0"

KEYNOTES

- 1 DEMOLISH ALL EXISTING DUCTWORK, INSULATION, AIR DEVICES, SUPPORTS, AND APPURTENANCES. DEMOLISH ALL EXISTING HVAC EQUIPMENT INCLUDING UNIT HEATERS, CABINET UNIT HEATERS, EXHAUST FANS, AND ALL ASSOCIATED CONTROLS AND APPURTENANCES. A PORTION OF EXISTING HVAC EQUIPMENT SHOWN ON PLAN. ANY EQUIPMENT NOT SHOWN DOES NOT RELIEVE CONTRACTOR FROM DEMOLITION. CONTRACTOR TO VERIFY IN FIELD FULL EXTENT OF DEMOLITION WORK.

#	DATE	CHANGE DESCRIPTION

CML LINDEN BRANCH
2223 CLEVELAND AVE
COLUMBUS, OH 43211
FOR
COLUMBUS METROPOLITAN LIBRARY

MOODY-NOLAN
300 SPRUCE STREET
SUITE 300
COLUMBUS, OHIO 43215
PHONE: (614) 461-4664
FAX: (614) 280-8881

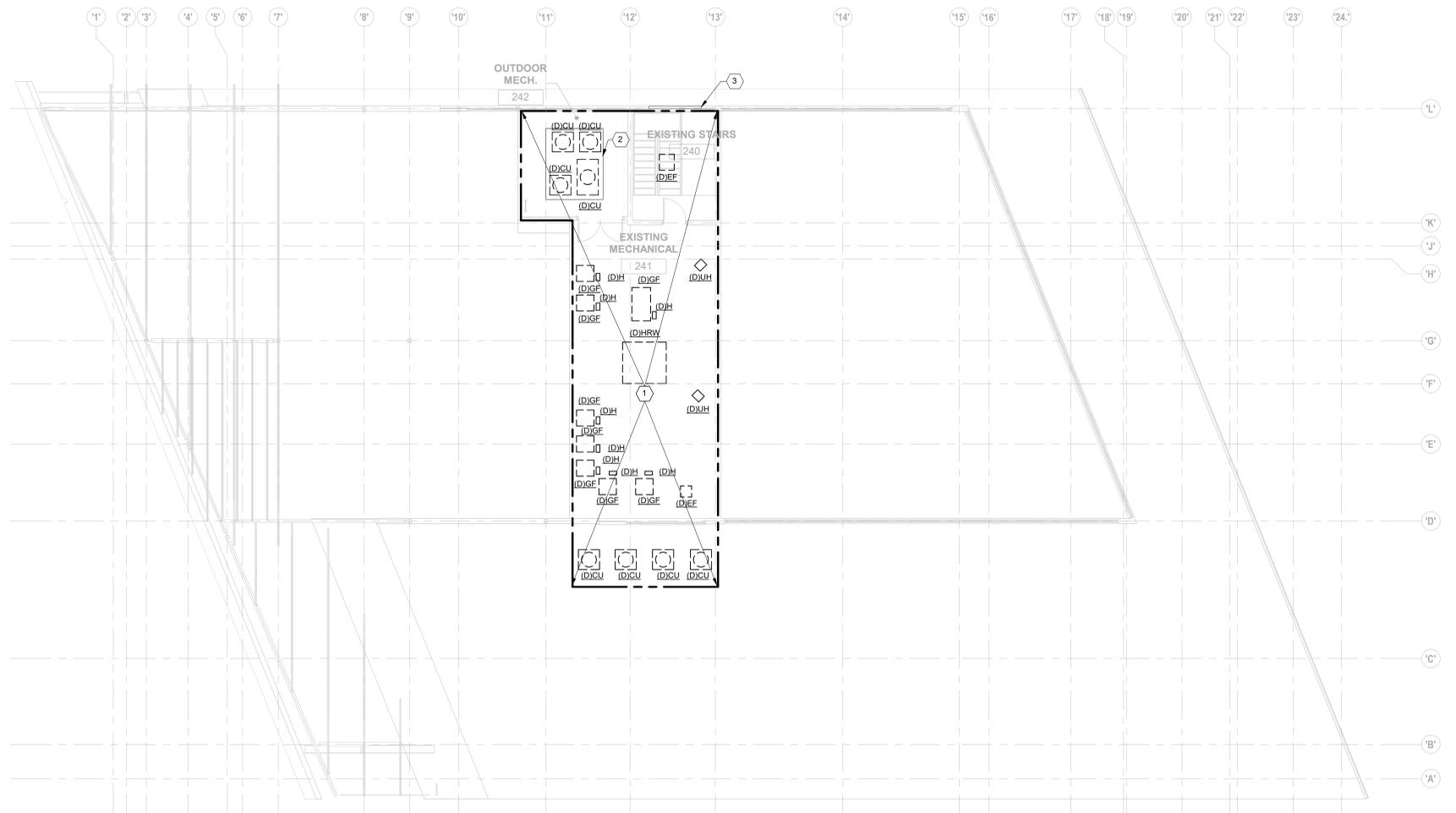
DRAWING TITLE:
MAIN LEVEL PLAN - MECHANICAL DEMOLITION



11/21/2023
DRAWN BY: BMJ CHECKED BY: ZJO
Proj. # 21507
M010
PERMIT SET

MECHANICAL DEMO TYPES AND ABBREVIATIONS
 NOTE: NOT ALL ABBREVIATIONS MAY BE USED.

ABBREVIATION	DESCRIPTION
CU	AIR COOLED CONDENSING UNIT
CUH	CABINET UNIT HEATER
E	EXHAUST AIR DEVICE
EF	EXHAUST FAN
GF	GAS FIRED FURNACE
H	HUMIDIFIER
HRW	HEAT RECOVERY UNIT
R	RETURN AIR DEVICE
S	SUPPLY AIR DEVICE
SH	SPACE UNIT HEATER
UH	UNIT HEATER



1 PLAN UPPER LEVEL PLAN - MECHANICAL DEMOLITION
 1/8" = 1'-0"

KEYNOTES

- DEMOLISH ALL EXISTING DUCTWORK, REFRIGERANT PIPING, CONDENSATE PIPING, INSULATION, AIR DEVICES, SUPPORTS, HANGERS, AND APPURTENANCES. DEMOLISH ALL EXISTING HVAC EQUIPMENT INCLUDING UNIT HEATERS, EXHAUST FANS, GAS-FIRED FURNACES, HUMIDIFIERS, ENERGY RECOVERY UNITS, CONDENSING UNITS AND ALL ASSOCIATED CONTROLS AND APPURTENANCES. RECOVER ALL REFRIGERANTS PER CODES / STANDARDS. A PORTION OF EXISTING HVAC EQUIPMENT SHOWN ON PLAN. ANY EQUIPMENT NOT SHOWN DOES NOT RELIEVE CONTRACTOR FROM DEMOLITION. CONTRACTOR TO VERIFY IN FIELD FULL EXTENT OF DEMOLITION WORK.
- EXISTING STRUCTURAL PLATFORM TO BE RE-USED.
- EXISTING LOUVER TO REMAIN. REMOVE DUCTWORK BACK TO LOUVER AND BLANK-OFF WITH INSULATED PANEL.

#	DATE	CHANGE DESCRIPTION

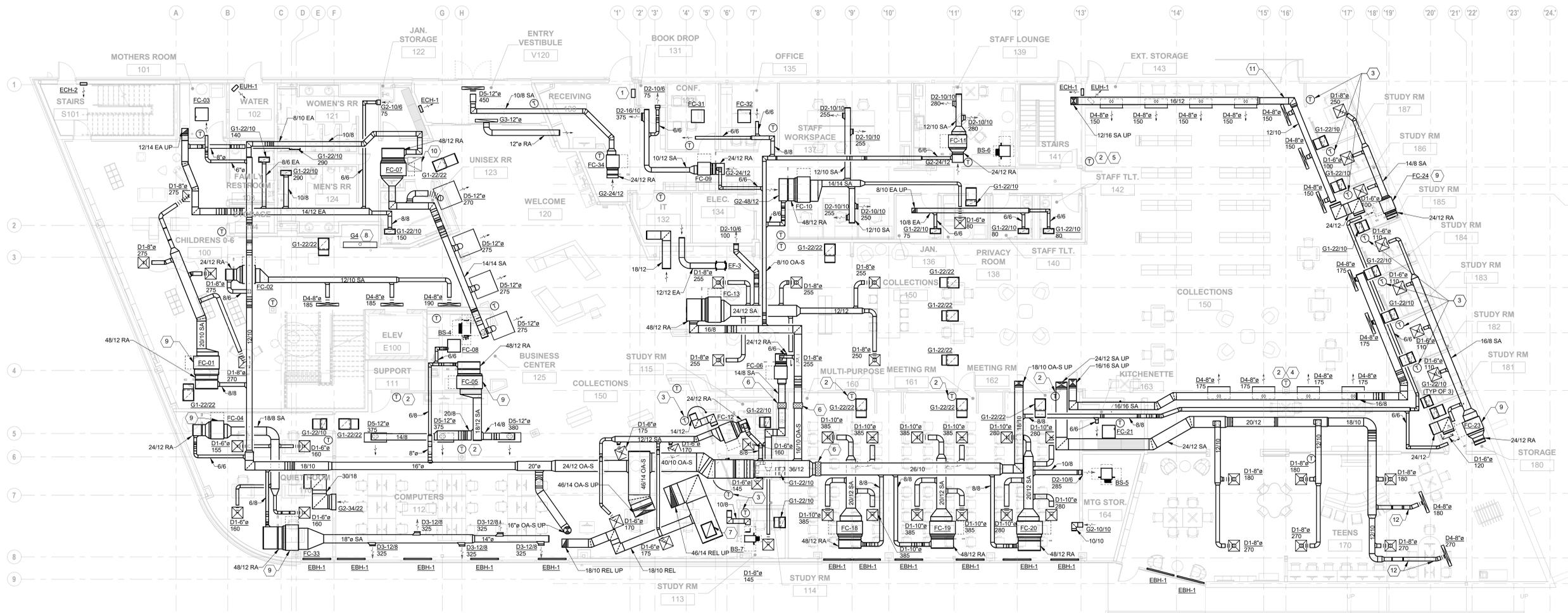
CML LINDEN BRANCH
 2223 CLEVELAND AVE
 COLUMBUS, OH 43211
 FOR
COLUMBUS METROPOLITAN LIBRARY

MOODY-NOLAN
 300 SPRUCE STREET
 SUITE 300
 COLUMBUS, OHIO 43215
 PHONE: (614) 461-4664
 FAX: (614) 280-8881

DRAWING TITLE:
UPPER LEVEL PLAN - MECHANICAL DEMOLITION

11/21/2023
 DRAWN BY: BMJ CHECKED BY: ZJO
 Proj. # 21507
M011
 PERMIT SET





1 PLAN MAIN LEVEL PLAN - MECHANICAL DUCTWORK
1/8" = 1'-0"

KEYNOTES

- 1 HVAC EMERGENCY SHUTOFF SWITCH. SWITCH SHALL SHUTDOWN ALL VRF AND DOAS UNITS THROUGH THE BUILDING AUTOMATION SYSTEM. PROVIDE NON-LOCKABLE PLASTIC COVER. COORDINATE FINAL LOCATION WITH OWNER.
- 2 CONTROLS SHALL PROHIBIT SIMULTANEOUS HEATING AND COOLING FOR FAN COIL UNITS SERVING THIS SPACE, BUT STILL ALLOW FOR INDIVIDUAL CONTROL OF EACH FAN COIL UNIT FOR MAX/MIN MODE.
- 3 AVERAGING TEMPERATURE SENSOR/THERMOSTAT USED TO CONTROL FAN COIL UNIT.
- 4 THERMOSTAT/CONTROLLER TO CONTROL MULTIPLE FAN COIL UNITS SERVING EAST SIDE OF SPACE.
- 5 THERMOSTAT/CONTROLLER TO CONTROL MULTIPLE FAN COIL UNITS SERVING WEST SIDE OF SPACE.
- 6 FLEX DUCT REQUIRED AT BUILDING EXPANSION JOINT. SEE ARCHITECTURE DRAWINGS FOR BUILDING EXPANSION JOINT LOCATIONS AND MOVEMENT CAPABILITIES. CONTRACTOR TO SIZE FLEX DUCT ACCORDINGLY.
- 7 30 X 24 OPENING ON TOP OF RETURN DUCT. COVER WITH BIRD SCREEN. MAINTAIN 12" CLEAR BETWEEN TOP OF DUCT AND BOTTOM OF STRUCTURE. BALANCE TO 2.030 CFM.
- 8 PROVIDE LINEAR TRANSFER AIR GRILLE IN THE WALL ABOVE AQUARIUM. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT PLACEMENT.
- 9 SUPPLY AND RETURN DUCTWORK FOR THIS UNIT SHALL BE ACOUSTICALLY LINED.
- 10 30 X 30 CEILING ACCESS PANEL TO PROVIDE ACCESS TO FAN COIL UNIT AND FILTER RACK. CONTRACTOR TO COORDINATE LOCATION OF CEILING ACCESS PANEL WITH LOCATION OF UNIT FOR PROPER ACCESS FOR SERVICE.
- 11 ROUTE DUCT THRU EXISTING BEAM PENETRATION. PROVIDE DUCT OFFSETS / TRANSITIONS AS NECESSARY.
- 12 ROUTE DUCT IN BETWEEN STRUCTURAL TRUSS MEMBERS.

GENERAL SHEET NOTES

- A. ALL EXPOSED DUCTWORK IN CONDITIONED SPACES SHALL BE PERFORMED DOUBLE WALL DUCTWORK. PROVIDE PAINT GRIP FOR DUCTWORK TO ALLOW FOR PAINTING.
- B. PROVIDE DOUBLE WALL DUCTWORK FOR FIRST 35' OF SUPPLY DUCT FROM DOAS UNIT. PROVIDE LINED DUCTWORK FOR FIRST 35' OF RETURN DUCT FROM DOAS UNIT.
- C. PROVIDE DRIP PAN FOR ALL INDOOR UNITS. TIE LEVEL SENSOR INTO BAS CONTROLS.
- D. ALL EXPOSED FAN COIL UNITS AND DUCTWORK SHALL BE INSTALLED AS HIGH AS PRACTICAL BELOW STRUCTURE AND RUN HORIZONTALLY UNLESS OTHERWISE NOTED. ITEMS REQUIRING ACCESS SHALL BE INSTALLED NO MORE THAN 14'-0" AFF.
- E. CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT FILTERS CAN BE INSTALLED WITHOUT DAMAGE TO FILTERS.
- F. COVER ALL OPEN ENDED DUCTS ABOVE CEILING WITH BIRDSCREEN.
- G. THERMOSTAT / CONTROLLER FOR EACH FAN COIL UNIT SUPPLIED BY VRF MANUFACTURER.

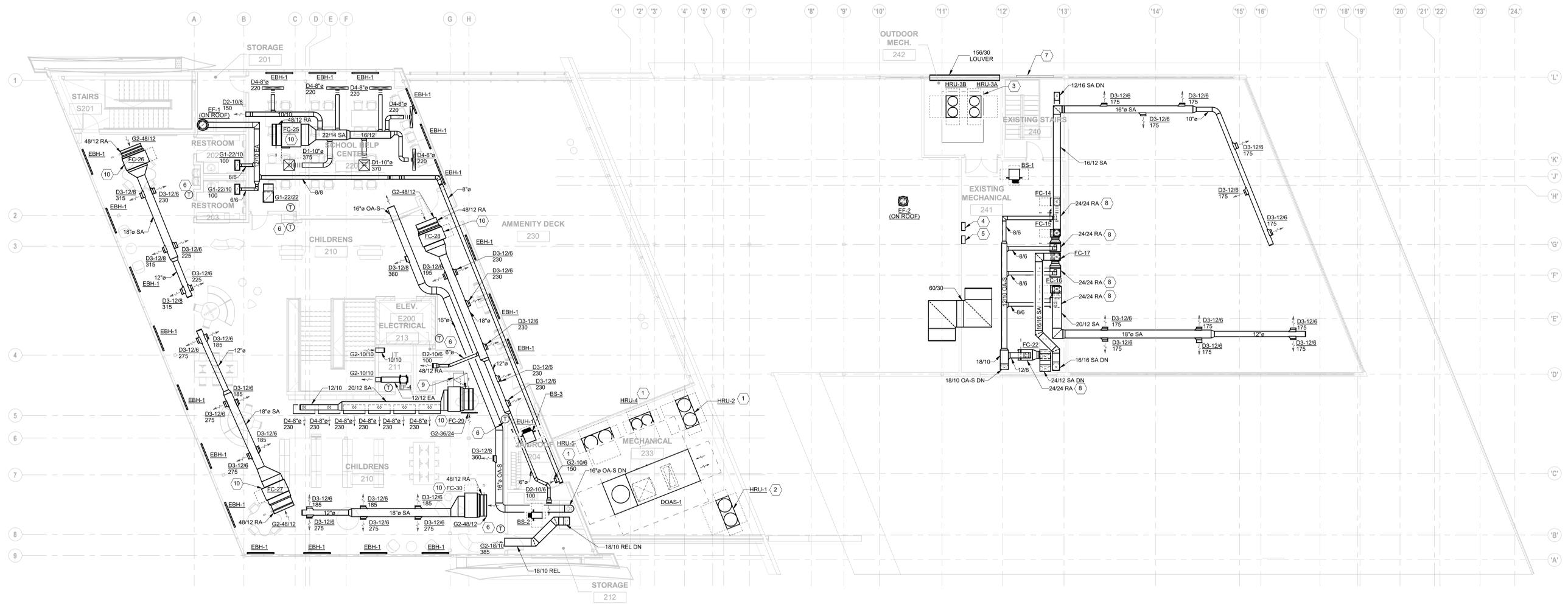
#	DATE	CHANGE DESCRIPTION

CML LINDEN BRANCH
2223 CLEVELAND AVE
COLUMBUS, OH 43211
FOR
COLUMBUS METROPOLITAN LIBRARY

300 SPRUCE STREET
SUITE 300
COLUMBUS, OHIO 43215
PHONE: (614) 461-4664
FAX: (614) 280-8881

MAIN LEVEL PLAN - MECHANICAL DUCTWORK

11/21/2023
DRAWN BY: BMJ CHECKED BY: ZJO
Proj. # 21507
M101
PERMIT SET



1 PLAN UPPER LEVEL PLAN - MECHANICAL DUCTWORK
1/8" = 1'-0"

KEYNOTES

- 1 MOUNT UNIT ON MINIMUM 24" HIGH EQUIPMENT RAILS.
- 2 MOUNT UNIT ON MINIMUM 12" HIGH EQUIPMENT RAILS.
- 3 EXISTING STRUCTURAL PLATFORM TO BE RE-USED.
- 4 BAS/DCD CONTROL PANEL. PROVIDE 120V POWER.
- 5 VRF CENTRAL TOUCH SCREEN CONTROLLER WITH BAS INTERFACE. COORDINATE FINAL LOCATION WITH OWNER.
- 6 CONTROLS SHALL PROHIBIT SIMULTANEOUS HEATING AND COOLING FOR FAN COIL UNITS SERVING THIS SPACE, BUT STILL ALLOW FOR INDIVIDUAL CONTROL OF EACH FAN COIL UNIT FOR MAXIMUM MODE.
- 7 EXISTING LOUVER. BLANK-OFF WITH INSULATED PANEL.
- 8 COVER OPEN ENDS OF RETURN AIR PLENUM WITH BIRDSCREEN.
- 9 30 X 30 CEILING ACCESS PANEL TO PROVIDE ACCESS TO FAN COIL UNIT AND FILTER RACK. CONTRACTOR TO COORDINATE LOCATION OF CEILING ACCESS PANEL WITH LOCATION OF UNIT FOR PROPER ACCESS FOR SERVICE.
- 10 SUPPLY AND RETURN DUCTWORK FOR THIS UNIT SHALL BE ACOUSTICALLY LINED.

GENERAL SHEET NOTES

- A. ALL EXPOSED DUCTWORK IN CONDITIONED SPACES SHALL BE PERFORATED DOUBLE WALL DUCTWORK. PROVIDE PAINT GRIP FOR DUCTWORK TO ALLOW FOR PAINTING.
- B. PROVIDE DOUBLE WALL DUCTWORK FOR FIRST 35' OF SUPPLY DUCT FROM DOAS UNIT. PROVIDE LINED DUCTWORK FOR FIRST 35' OF RETURN DUCT FROM DOAS UNIT.
- C. PROVIDE DRIP PAN FOR ALL INDOOR UNITS. TIE LEVEL SENSOR INTO BAS CONTROLS.
- D. ALL EXPOSED FAN COIL UNITS AND DUCTWORK SHALL BE INSTALLED AS HIGH AS PRACTICAL BELOW STRUCTURE AND RUN HORIZONTALLY UNLESS OTHERWISE NOTED. ITEMS REQUIRING ACCESS SHALL BE INSTALLED NO MORE THAN 14'-0" AFF.
- E. CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT FILTERS CAN BE INSTALLED WITHOUT DAMAGE TO FILTERS.
- F. COVER ALL OPEN ENDED DUCTS ABOVE CEILING WITH BIRDSCREEN.
- G. THERMOSTAT / CONTROLLER FOR EACH FAN COIL UNIT SUPPLIED BY VRF MANUFACTURER.

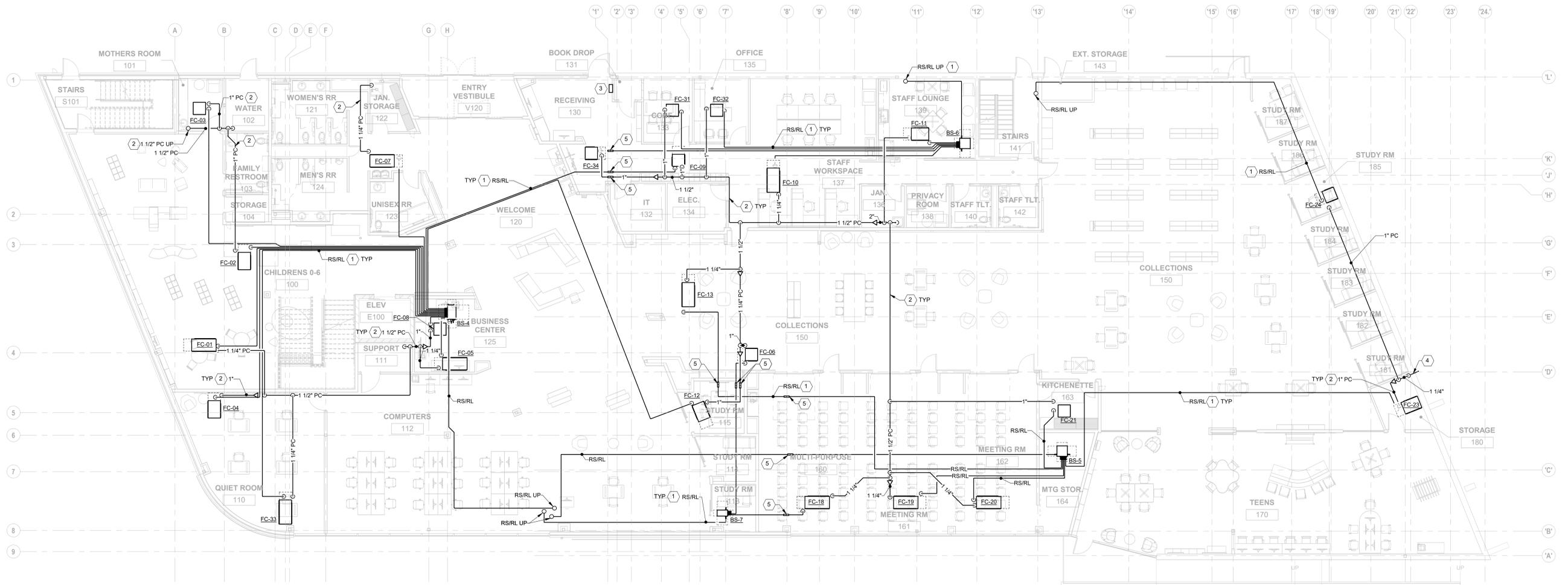
#	DATE	CHANGE DESCRIPTION

CML LINDEN BRANCH
2223 CLEVELAND AVE
COLUMBUS, OH 43211
FOR
COLUMBUS METROPOLITAN LIBRARY

MOODY-NOLAN
300 SPRUCE STREET
SUITE 300
COLUMBUS, OHIO 43215
PHONE: (614) 461-4664
FAX: (614) 280-8881

UPPER LEVEL PLAN - MECHANICAL DUCTWORK

11/21/2023
DRAWN BY: BMJ CHECKED BY: ZJO
Proj. # 21507
M102
PERMIT SET



1 PLAN MAIN LEVEL PLAN - MECHANICAL PIPING
1/8" = 1'-0"



KEYNOTES

- 1 REFRIGERANT PIPING SHOWN SCHEMATICALLY AS SINGLE LINE FOR READABILITY. HVAC CONTRACTOR IS RESPONSIBLE FOR COORDINATING ALL REFRIGERANT PIPING LINE SETS, SIZING, ROUTING AND ALL ACCESSORIES AS A SYSTEM WITH EQUIPMENT MANUFACTURER. PIPE SIZING SHALL BE BASED ON ACTUAL FIELD DEVELOPED PIPE LENGTHS. ALL REFRIGERANT PIPING OUTDOORS SHALL BE JACKETED WITH ALUMINUM. A REFRIGERANT PIPING INSTALLATION DIAGRAM SHALL BE INCLUDED AS PART OF THE SHOP DRAWING PROCESS AND DOCUMENT SET INDICATING ALL REQUIRED LINE SIZES, TRAPS, EXPANSION LOOPS, ACCESSORIES, PITCHING, RISERS AND INSTALLATION REQUIREMENTS IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
- 2 SLOPE CONDENSATE PIPING PER SPECIFICATIONS TO ALLOW CONDENSATE TO DRAIN AS MUCH AS POSSIBLE BY GRAVITY. ROUTE CONDENSATE DOWN TO NEAREST FLOOR DRAIN. MAKE INDIRECT CONNECTION. SECURE PIPING TO WALL/FLOOR AS REQUIRED TO AVOID BREAK/SETTRIP HAZARD.
- 3 HVAC EMERGENCY SHUTOFF SWITCH. SWITCH SHALL SHUTDOWN ALL VRF AND DOAS UNITS THROUGH THE BUILDING AUTOMATION SYSTEM. PROVIDE NON-LOCKABLE PLASTIC COVER. COORDINATE FINAL LOCATION WITH OWNER.
- 4 DROP CONDENSATE ALONG INTERIOR WALL TO OUTSIDE OF BUILDING AND SPILL NEAR GROUND.
- 5 FLEX JOINT REQUIRED AT BUILDING EXPANSION JOINT. SEE ARCHITECTURE DRAWINGS FOR BUILDING EXPANSION JOINT LOCATIONS AND MOVEMENT CAPABILITIES. CONTRACTOR TO SIZE FLEX JOINT ACCORDINGLY.

GENERAL SHEET NOTES

- A. REFER TO M700 SERIES DRAWINGS FOR VRF SYSTEM CONFIGURATION AND PIPING SYSTEMS.
- B. PROVIDE CHECK VALVES FOR ALL FAN COIL UNIT DRAIN LINES AFTER PUMP TO PREVENT WATER BACKFLOW INTO UNIT, UNLESS CHECK VALVE IS INTEGRAL TO PUMP.
- C. ALL EXPOSED PIPING INSULATION SHALL BE WHITE.
- D. ALL EXPOSED REFRIGERANT PIPING SHALL BE HARD COPPER.

#	DATE	CHANGE DESCRIPTION

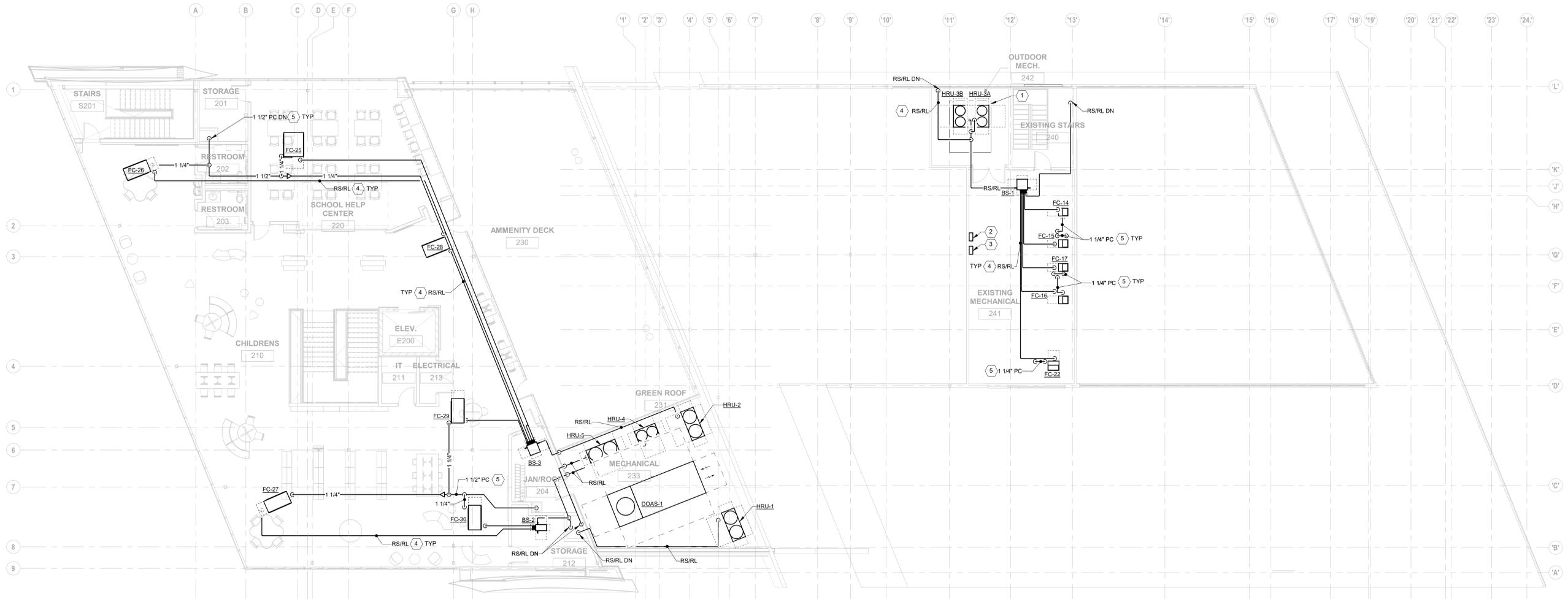
CML LINDEN BRANCH
2223 CLEVELAND AVE
COLUMBUS, OH 43211
FOR
COLUMBUS METROPOLITAN LIBRARY

300 SPRUCE STREET
SUITE 300
COLUMBUS, OHIO 43215
PHONE: (614) 461-4664
FAX: (614) 280-8881

DRAWING TITLE:
MAIN LEVEL PLAN - MECHANICAL PIPING

11/21/2023
DRAWN BY: BMJ CHECKED BY: ZJO
Proj. # 21507
M201
PERMIT SET





1 PLAN UPPER LEVEL PLAN - MECHANICAL PIPING
1/8" = 1'-0"



KEYNOTES

- 1 EXISTING STRUCTURAL PLATFORM TO BE RE-USED.
- 2 BASIC/DC CONTROL PANEL. PROVIDE 120V POWER.
- 3 VRF CENTRAL TOUCH SCREEN CONTROLLER WITH BAS INTERFACE. COORDINATE FINAL LOCATION WITH OWNER.
- 4 REFRIGERANT PIPING SHOWN SCHEMATICALLY AS SINGLE LINE FOR READABILITY. HVAC CONTRACTOR IS RESPONSIBLE FOR COORDINATING ALL REFRIGERANT PIPING LINE SETS, SIZING, ROUTING AND ALL ACCESSORIES AS A SYSTEM WITH EQUIPMENT MANUFACTURER. PIPE SIZING SHALL BE BASED ON ACTUAL FIELD DEVELOPED PIPE LENGTHS. ALL REFRIGERANT PIPING OUTDOORS SHALL BE JACKETED WITH ALUMINUM. A REFRIGERANT PIPING INSTALLATION DIAGRAM SHALL BE INCLUDED AS PART OF THE SHOP DRAWING PROCESS AND DOCUMENT SET INDICATING ALL REQUIRED LINE SIZES, TRAPS, EXPANSION LOOPS, ACCESSORIES, PITCHING, RISERS AND INSTALLATION REQUIREMENTS IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
- 5 SLOPE CONDENSATE PIPING PER SPECIFICATIONS TO ALLOW CONDENSATE TO DRAIN AS MUCH AS POSSIBLE BY GRAVITY. ROUTE CONDENSATE DOWN TO NEAREST FLOOR DRAIN. MAKE INDIRECT CONNECTION. SECURE PIPING TO WALL/FLOOR AS REQUIRED TO AVOID BREAKAGE/TRIP HAZARD.

GENERAL SHEET NOTES

- A. REFER TO M700 SERIES DRAWINGS FOR VRF SYSTEM CONFIGURATION AND PIPING SYSTEMS.
- B. PROVIDE CHECK VALVES FOR ALL FAN COIL UNIT DRAIN LINES AFTER PUMP TO PREVENT WATER BACKFLOW INTO UNIT, UNLESS CHECK VALVE IS INTEGRAL TO PUMP.
- C. ALL EXPOSED PIPING INSULATION SHALL BE WHITE.
- D. ALL EXPOSED REFRIGERANT PIPING SHALL BE HARD COPPER.

#	DATE	CHANGE DESCRIPTION

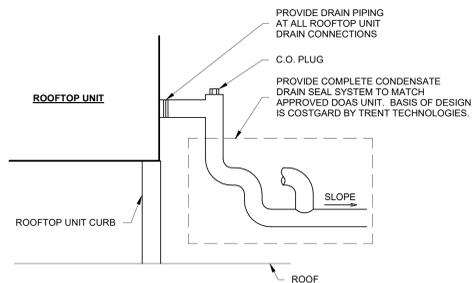
CML LINDEN BRANCH
2223 CLEVELAND AVE
COLUMBUS, OH 43211
FOR
COLUMBUS METROPOLITAN LIBRARY

MOODY-NOLAN
300 SPRUCE STREET
SUITE 300
COLUMBUS, OHIO 43215
PHONE: (614) 461-4664
FAX: (614) 280-8881

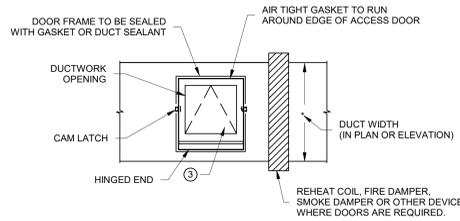
DRAWING TITLE:
UPPER LEVEL PLAN - MECHANICAL PIPING



11/21/2023
DRAWN BY: BMJ | CHECKED BY: ZJO
Proj. # 21507
M202
PERMIT SET



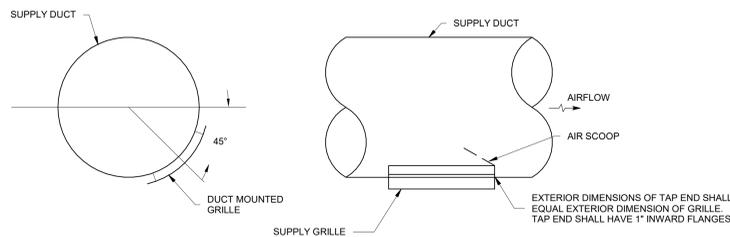
1 DETAIL ROOFTOP UNIT CONDENSATE DRAIN PIPING
NTS



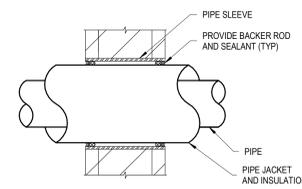
ACCESS DOOR SIZE SCHEDULE	
DUCT WIDTH	ACCESS DOOR SIZE
6" TO 10"	REMOVABLE DUCT SECTION
10" TO 12"	REMOVABLE DUCT SECTION
12" TO 21"	12" x 12" MINIMUM ①
21" & ABOVE	18" x 18" MINIMUM ②

- ① ACCESS DOORS TO 16"x16" WHERE DUCT SIZE AND SPACES ALLOWS
- ② FOUR CAM LATCHES ARE REQUIRED
- ③ DOORS TO BE INSTALLED ON SIDE OR BOTTOM OF DUCT WITH BEST ACCESS

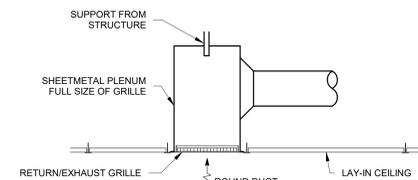
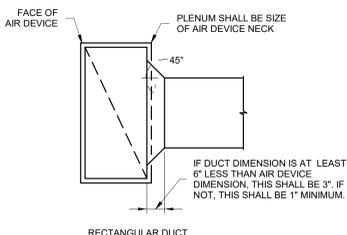
2 DETAIL DUCT ACCESS DOOR DETAIL
NTS



3 DETAIL DUCT MOUNTED GRILLE DETAIL
NTS

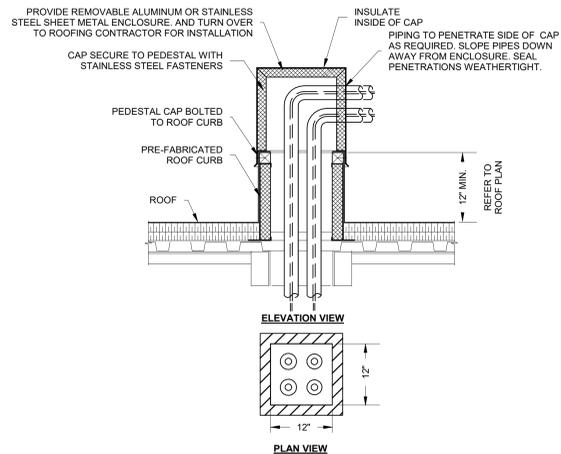


4 DETAIL PIPING WALL PENETRATION DETAIL
NTS

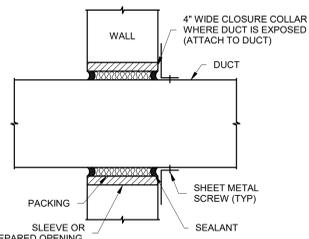


NOTES:
THIS CONNECTION DETAIL APPLIES WHEN DUCT WIDTH IS LESS THAN 70% OF THE AIR DEVICE WIDTH. CONNECTION MAY ALSO BE ON THE SHORT END. SAME REQUIREMENTS APPLY. SEE PLANS FOR SIZES.

5 DETAIL RETURN/EXHAUST GRILLE CONNECTION DETAIL
NTS

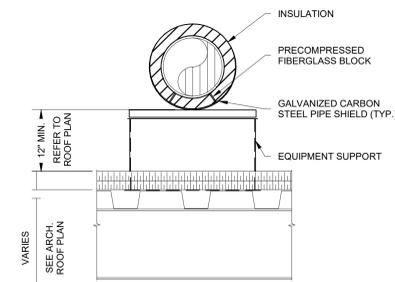


6 DETAIL TYPICAL ROOF PIPE PENETRATION
NTS

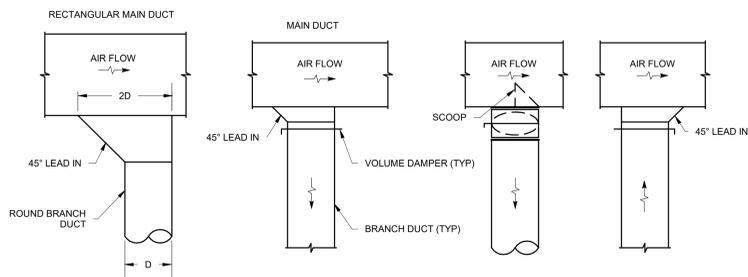


NOTES:
A. DETAIL IS NOT APPLICABLE WHERE FIRE DAMPER, REGISTER, OR DIFFUSER IS PROVIDED.
B. EXTERNALLY INSULATED DUCT SHALL BE CAULKED TO PROVIDE A COMPLETE SEAL BETWEEN THE INSULATION AND CLOSURE COLLAR.

7 DETAIL TYPICAL DUCT PENETRATION THRU WALL DETAIL
NTS

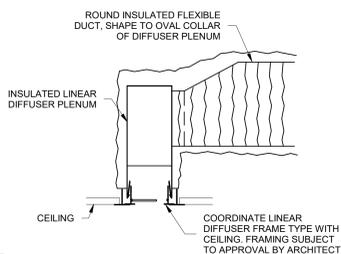


8 DETAIL PIPE SUPPORT ON ROOF DETAIL
NTS

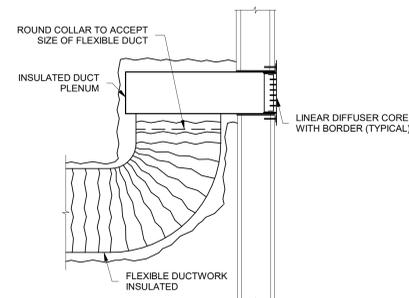


PROVIDE 18" LONG ORANGE MARKER TAPE ATTACHED TO DAMPER TO IDENTIFY LOCATION

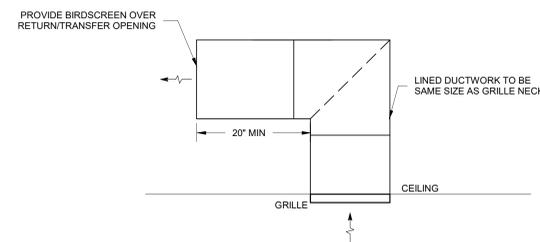
9 DETAIL TYPICAL DUCT CONNECTIONS (LOW VELOCITY SUPPLY) DETAIL
NTS



10 DETAIL LINEAR DIFFUSER
NTS



11 DETAIL SIDEWALL LINEAR DIFFUSER DETAIL
NTS



12 DETAIL RETURN-TRANSFER AIR BOOT DETAIL
NTS

#	DATE	CHANGE DESCRIPTION

CML LINDEN BRANCH
2223 CLEVELAND AVE
COLUMBUS, OH 43211
FOR
COLUMBUS METROPOLITAN LIBRARY

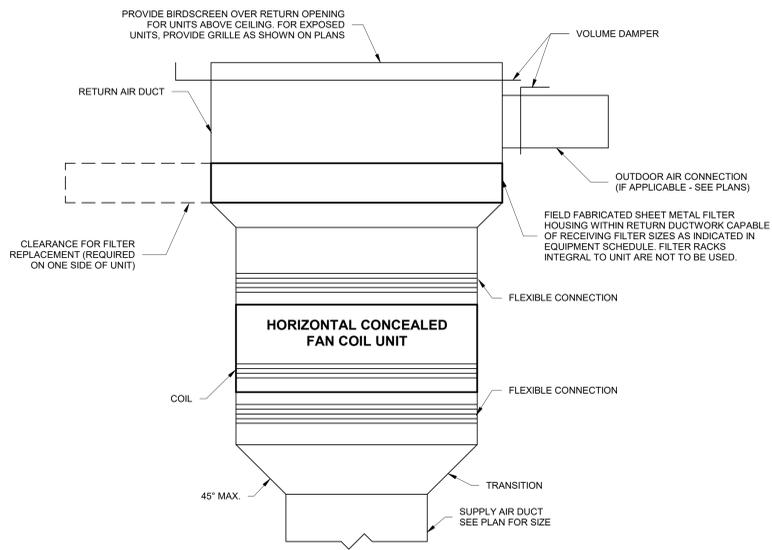
300 SPRUCE STREET
SUITE 300
COLUMBUS, OHIO 43215
PHONE: (614) 461-4664
FAX: (614) 280-8881

DRAWING TITLE:

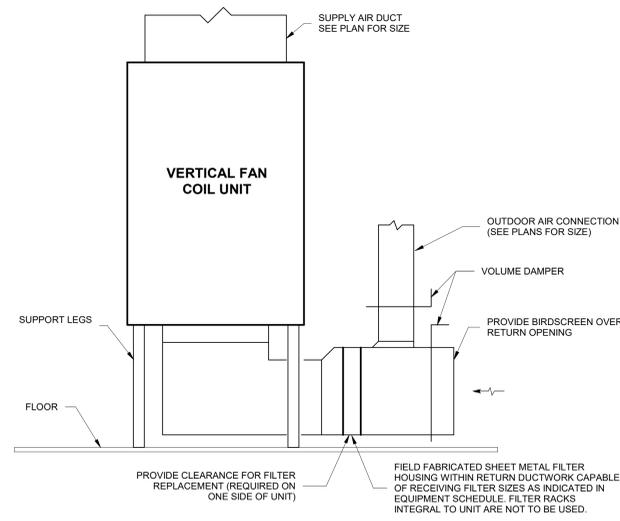
DETAILS - MECHANICAL



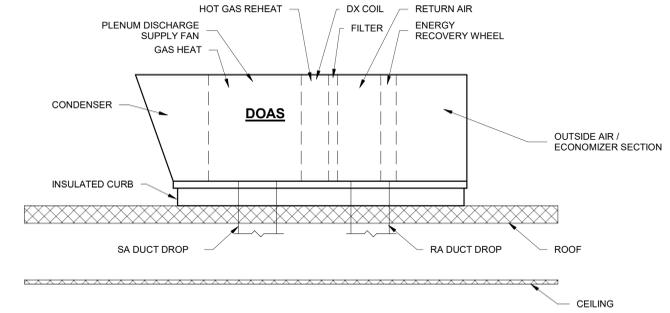
11/21/2023
DRAWN BY: BMJ | CHECKED BY: ZJO
Proj. # 21507
M501
PERMIT SET



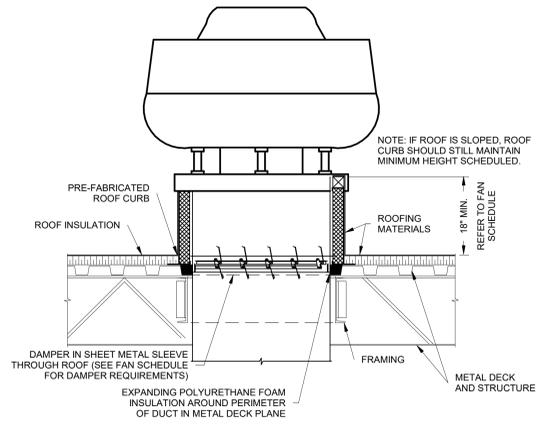
1 DETAIL HORIZONTAL FAN COIL INSTALLATION DETAIL
NTS



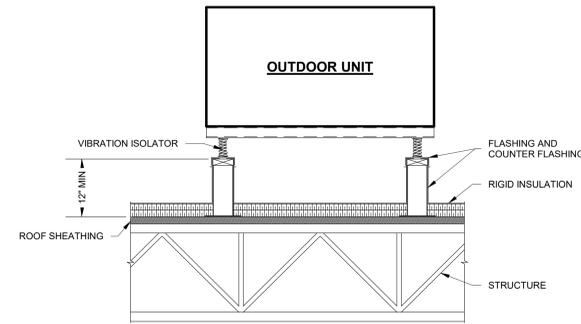
2 DETAIL VERTICAL FAN COIL INSTALLATION DETAIL
NTS



3 DETAIL ROOFTOP DOAS UNIT DETAIL
NTS



4 DETAIL ROOF MOUNTED EXHAUST FAN DETAIL
NTS



5 DETAIL EQUIPMENT ROOF RAIL DETAIL
NTS

#	DATE	CHANGE DESCRIPTION

CML LINDEN BRANCH
2223 CLEVELAND AVE
COLUMBUS, OH 43211
FOR
COLUMBUS METROPOLITAN LIBRARY

MOODY-NOLAN
300 SPRUCE STREET
SUITE 300
COLUMBUS, OHIO 43215
PHONE: (614) 461-4664
FAX: (614) 280-8881

DRAWING TITLE:
DETAILS - MECHANICAL

11/21/2023
DRAWN BY: BMJ CHECKED BY: ZJO
Proj. # 21507
M502
PERMIT SET

PROJECT SCHEDULE NOTES

- 1 PROVIDE WITH FACTORY MOUNTED DISCONNECT.
2 PROVIDE WITH BACNET GATEWAY.
3 PROVIDE WITH LOW AMBIENT KIT.
4 PROVIDE WITH GFCI CONVENIENCE OUTLET.
5 SEPARATE POWER SOURCES FOR INDOOR AND OUTDOOR UNITS.
6 PROVIDE WITH INTEGRAL CONDENSATE PUMP.
7 PROVIDE WITH UNIT MOUNTED THERMOSTAT.
8 COLOR TO BE SELECTED BY ARCHITECT.
9 PROVIDE WITH DISCONNECT SWITCH, THERMOSTAT AND SUMMER FAN SWITCH.
10 UNIT WITH INTEGRAL THERMAL CUTOFF.
11 PROVIDE BALL VALVES IN ALL REFRIGERANT LINES UPSTREAM AND DOWNSTREAM OF BRANCH SELECTOR BOX. INSTALL IN ACCESSIBLE LOCATIONS ADJACENT TO BRANCH SELECTOR BOX.

PROJECT SCHEDULE NOTES

- 12 MANUFACTURER TO PROVIDE FACTORY MOUNTED VFD FOR SUPPLY FAN.
13 CONTRACTOR TO COORDINATE THE USE OF MANUFACTURER PROVIDED OR FIELD FABRICATED INSULATED PLENUM. PROVIDE ADJUSTABLE PATTERN CONTROLLER.
14 CONTRACTOR TO COORDINATE THE USE OF MANUFACTURER PROVIDED OR FIELD FABRICATED PLENUM.
15 PROVIDE WITH SINGLE POINT POWER CONNECTION AND DISCONNECT.
16 PROVIDE WITH MODULATING HOT GAS HEAT.
17 PROVIDE WITH 24" ROOF CURB.
18 PROVIDE WITH FROST CONTROL, BASED ON EXHAUST AIR HUMIDITY.
19 SCHEDULED WEIGHT INCLUDES ROOF CURB.
20 SUPPLY AND EXHAUST FANS SELECTED WITH EXTRA CAPACITY. BALANCE SUPPLY FAN TO REQUIRED TOTAL SCHEDULED OUTDOOR AIR. BALANCE EXHAUST FAN TO CONNECTED EXHAUST AIRFLOW FROM FLOOR PLANS.
21 PROVIDE WITH INTEGRAL CONDENSATE PUMP AND OVERFLOW SWITCH.

PROJECT SCHEDULE NOTES

- 22 PROVIDE BALL VALVES IN REFRIGERANT LINES NEAR EQUIPMENT FOR SERVICING. INSTALL IN ACCESSIBLE LOCATIONS.
23 PROVIDE FIELD-FABRICATED SPLIT METAL FILTER HOUSING CAPABLE OF HOLDING FILTER SIZES LISTED.
24 PROVIDE NEEDLEPOINT BIOPOLAR IONIZATION SYSTEM BY GLOBAL PLASMA SOLUTIONS, MODEL GPS-IRIB-18, AND ASSOCIATED TRANSFORMER AS REQUIRED FOR 208V/1 PHASE.
25 PROVIDE NEEDLEPOINT BIOPOLAR IONIZATION SYSTEM BY GLOBAL PLASMA SOLUTIONS, MODEL GPS-DM-2 AND ASSOCIATED TRANSFORMER AS REQUIRED FOR 208V/1 PHASE.
26 PROVIDE WITH ADJUSTABLE AIR SCOOP.
27 ELECTRICAL CONTRACTOR TO PROVIDE DISCONNECT SWITCH.
28 UNIT INSTALLED ON 30" TALL SUPPORT LEGS.
29 SCHEDULED CAPACITIES FOR HRU-3A & HRU-3B REPRESENT THE COMBINED TOTAL CAPACITIES.
30 PROVIDE WITH FAN OUTLET GUARD.
31 PROVIDE WITH FAN INLET GUARD.

DEDICATED OUTDOOR AIR SYSTEM SCHEDULE (DX/NATURAL GAS) (PART 1 OF 2)

Table with columns: UNIT DATA, ELECTRICAL DATA, SUPPLY FAN DATA, EXHAUST FAN DATA, ENERGY RECOVER WHEEL DATA, EFFECTIVENESS. Includes rows for DOAS-1.

DEDICATED OUTDOOR AIR SYSTEM SCHEDULE (DX/NATURAL GAS) (PART 2 OF 2)

Table with columns: COMPRESSOR DATA, DX COOLING COIL DATA, HEATING DATA, FILTER DATA, EXHAUST, SCHEDULE NOTES. Includes rows for DOAS-1.

VRF HEAT PUMP OUTDOOR UNIT SCHEDULE

Table with columns: UNIT DATA, COMPRESSOR DATA, PERFORMANCE DATA, ELECTRICAL DATA, SOUND DB(A), SCHEDULE NOTES. Includes rows for HRU-1 through HRU-5.

BRANCH SELECTOR BOX SCHEDULE

Table with columns: UNIT DATA, ELECTRICAL DATA, SCHEDULE NOTES. Includes rows for BS-1 through BS-7.

DUCT CONSTRUCTION SCHEDULE

Table with columns: DUCT LOCATION, DUCT CONSTRUCTION, MATERIAL, NOTES. Includes sections for OUTDOOR AIR OR COMBUSTION AIR DUCT, SUPPLY AIR DUCT, RETURN AIR OR MIXED AIR DUCT, TRANSFER AIR DUCT, CLASS 1 OR 2 EXHAUST AIR DUCT.

VRF FAN COIL UNIT SCHEDULE

Table with columns: UNIT DATA, PERFORMANCE DATA, ELECTRICAL DATA, FILTER DATA, SCHEDULE NOTES. Includes rows for FC-01 through FC-34.

FAN SCHEDULE

Table with columns: UNIT DATA, BASIS OF DESIGN, PERFORMANCE DATA, MOTOR DATA, GENERAL DATA, SCHEDULE NOTES. Includes rows for EF-1 through EF-4.

UNIT HEATER (ELECTRIC) SCHEDULE

Table with columns: UNIT DATA, BASIS OF DESIGN, PERFORMANCE DATA, ELECTRICAL DATA, SCHEDULE NOTES. Includes row for EUH-1.

ELECTRIC BASEBOARD HEATER SCHEDULE

Table with columns: UNIT DATA, HEATING ELEMENT DATA, SCHEDULE NOTES. Includes row for EBH-1.

CABINET UNIT HEATER SCHEDULE (ELECTRIC)

Table with columns: UNIT DATA, BASIS OF DESIGN, PERFORMANCE DATA, ELECTRICAL DATA, SCHEDULE NOTES. Includes rows for ECH-1 and ECH-2.

AIR DEVICE SCHEDULE

Table with columns: UNIT DATA, BASIS OF DESIGN, LINEAR DATA, GENERAL DATA, SCHEDULE NOTES. Includes rows for D1 through G4.

Table with columns: ROOM # / NAME, AREA (SQ FT), OA (CFM), EA (CFM), NET CFM. Includes rows for 103 FAMILY RR through 204 JAN ROOF.

PRESSURIZATION (CFM/SQ FT) 0.030
RECOMMENDED MIN (CFM) 700
RECOMMENDED MAX (CFM) 1200

DATE CHANGE DESCRIPTION

CML LINDEN BRANCH
2223 CLEVELAND AVE
COLUMBUS, OH 43211
FOR
COLUMBUS METROPOLITAN LIBRARY

300 SPRUCE STREET
SUITE 300
COLUMBUS, OHIO 43215
PHONE: (614) 461-4664
FAX: (614) 280-8881

DRAWING TITLE: SCHEDULES - MECHANICAL

11/21/2023
DRAWN BY: BMJ CHECKED BY: ZJO

Proj. # 21507

M601

PERMIT SET

VENTILATION SCHEDULE (DOAS-1)																				
ROOM # / NAME	FC-#	EXHAUST FAN	# OF PEOPLE	AREA (SQ FT)	OA CFM/PERSON	OA CFM/SQ FT	RETURN/EXHAUST	SUPPLY CFM	RETURN CFM	EXHAUST CFM	Ez	Vbz	Vo2	Zp	Zd	Ez2	FC-#	Ev	Vou	Vot
100S CHILDRENS 0-6	FC-01	-	12	1199	5	0.12	R	1095	1095	0	0.8	204	255	0.23	0.23	0.95				
103 FAMILY RR	FC-01	EF-1	0	89	0	0	E	0	0	140	0.8	0	0	0.00	0.00	1.19				
104 STORAGE	FC-01	-	0	41	0	0	R	0	0	0	0.8	0	0	0.00	0.00	1.19	FC-01	0.95	204	214
100N CHILDRENS 0-6	FC-02	-	8	780	5	0.12	R	560	560	0	0.8	134	167	0.30	0.30	0.94				
123 UNISEX RR	FC-02	EF-1	0	109	0	0	E	0	0	150	0.8	0	0	0.00	0.00	1.24				
124 MENS RR	FC-02	EF-1	0	181	0	0	E	0	0	290	0.8	0	0	0.00	0.00	1.24	FC-02	0.94	134	142
101 MOTHERS RM	FC-03	-	1	82	5	0.06	R	310	310	0	0.8	10	12	0.04	0.04	0.99	FC-03	0.99	10	10
110 QUIET RM	FC-04	-	5	600	5	0.06	R	635	635	0	0.8	61	76	0.12	0.12	0.98	FC-04	0.98	61	63
111 SUPPORT	FC-05	-	0	50	0	0	R	0	0	0	0.8	0	0	0.00	0.00	1.11				
112-1 COMPUTERS-1	FC-05	-	10	580	5	0.12	R	1130	1130	0	0.8	120	150	0.13	0.13	0.97	FC-05	0.97	120	123
113 STUDY RM	FC-06	-	2	70	5	0.06	R	145	145	0	0.8	14	18	0.12	0.12	1.00				
114 STUDY RM	FC-06	-	2	87	5	0.06	R	145	145	0	0.8	15	19	0.13	0.13	0.99				
115 STUDY RM	FC-06	-	4	99	5	0.06	R	160	160	0	0.8	26	32	0.20	0.20	0.92	FC-06	0.92	55	60
120 WELCOME	FC-07	-	15	1424	5	0.12	R	1095	1095	0	0.8	246	307	0.28	0.28	0.94				
121 WOMENS RR	FC-07	EF-1	0	189	0	0	E	0	0	290	0.8	0	0	0.00	0.00	1.22				
122 JAN STORAGE	FC-07	EF-1	0	68	0	0	E	0	0	75	0.8	0	0	0.00	0.00	1.22	FC-07	0.94	246	261
125 BUSINESS CENTER	FC-08	-	3	192	5	0.06	R	310	310	0	0.8	27	33	0.11	0.11	0.98	FC-08	0.98	27	27
130 RECEIVING	FC-09	-	2	232	5	0.06	R	375	375	0	0.8	24	30	0.08	0.08	0.97				
131 BOOK DROP	FC-09	-	0	20	0	0	R	75	75	0	0.8	0	0	0.00	0.00	1.05	FC-09	0.97	24	25
136 JAN	FC-10	EF-2	0	58	0	0	E	0	0	75	0.8	0	0	0.00	0.00	1.10				
137 STAFF WORKSPACE	FC-10	-	9	1019	5	0.06	R	1015	1015	0	0.8	106	133	0.13	0.13	0.97				
138 PRIVACY RM	FC-10	-	1	58	5	0.06	R	80	80	0	0.8	8	11	0.13	0.13	0.97				
140 STAFF TLT	FC-10	EF-2	0	54	0	0	E	0	0	80	0.8	0	0	0.00	0.00	1.10				
142 STAFF TLT	FC-10	EF-2	0	54	0	0	E	0	0	80	0.8	0	0	0.00	0.00	1.10	FC-10	0.97	115	118
139 STAFF LOUNGE	FC-11	-	7	273	5	0.06	R	560	560	0	0.8	51	64	0.11	0.11	0.98	FC-11	0.98	51	53
150S COLLECTIONS - S	FC-12	-	12	1130	5	0.12	R	690	690	0	0.8	196	245	0.35	0.35	0.93	FC-12	0.93	196	211
134 ELEC	FC-13	-	0	92	0	0	R	100	0	0	0.8	0	0	0.00	0.00	1.29				
150C COLLECTIONS - C	FC-13	-	28	2715	5	0.12	R	1525	1525	0	0.8	466	582	0.38	0.38	0.90	FC-13	0.90	466	515
150W-1 COLLECTIONS - W-1	FC-14	-	7	603	5	0.12	R	1050	1050	0	0.8	107	134	0.13	0.13	0.97	FC-14	0.97	107	110
150W-2 COLLECTIONS - W-2	FC-15	-	7	603	5	0.12	R	1050	1050	0	0.8	107	134	0.13	0.13	0.97	FC-15	0.97	107	110
150N-1 COLLECTIONS - N-1	FC-16	-	7	651	5	0.12	R	1050	1050	0	0.8	113	141	0.13	0.13	0.97	FC-16	0.97	113	116
150N-2 COLLECTIONS - N-2	FC-17	-	7	651	5	0.12	R	1050	1050	0	0.8	113	141	0.13	0.13	0.97	FC-17	0.97	113	116
160 MULTI-PURPOSE	FC-18	-	40	503	5	0.06	R	1380	1380	0	0.8	230	288	0.21	0.21	0.96	FC-18	0.96	230	240
161 MEETING RM	FC-19	-	40	559	5	0.06	R	1380	1380	0	0.8	234	292	0.21	0.21	0.96	FC-19	0.96	234	244
162 MEETING RM	FC-20	-	30	483	5	0.06	R	1095	1095	0	0.8	179	224	0.20	0.20	0.93				
164 MTG STORAGE	FC-20	-	0	153	0	0	R	285	285	0	0.8	0	0	0.00	0.00	1.13	FC-20	0.93	179	193
163 KITCHENETTE	FC-21	-	3	99	5	0.06	R	310	310	0	0.8	21	26	0.08	0.08	0.98	FC-21	0.98	21	21
170 TEENS	FC-22	-	37	1596	5	0.12	R	1800	1800	0	0.8	377	471	0.26	0.26	0.95	FC-22	0.95	377	397
180 STORAGE	FC-23	-	0	79	0	0	R	120	120	0	0.8	0	0	0.00	0.00	1.10				
181 STUDY RM	FC-23	-	2	64	5	0.06	R	110	110	0	0.8	14	17	0.16	0.16	0.94				
182 STUDY RM	FC-23	-	2	64	5	0.06	R	110	110	0	0.8	14	17	0.16	0.16	0.94				
183 STUDY RM	FC-23	-	2	64	5	0.06	R	110	110	0	0.8	14	17	0.16	0.16	0.94				
184 STUDY RM	FC-23	-	2	64	5	0.06	R	110	110	0	0.8	14	17	0.16	0.16	0.94	FC-23	0.94	55	59
185 STUDY RM	FC-24	-	2	64	5	0.06	R	100	100	0	0.8	14	17	0.17	0.17	0.94				
186 STUDY RM	FC-24	-	2	64	5	0.06	R	100	100	0	0.8	14	17	0.17	0.17	0.94				
187 STUDY RM	FC-24	-	4	84	5	0.06	R	250	250	0	0.8	25	31	0.13	0.13	0.99	FC-24	0.94	53	56
220 SCHOOL HELP CENTER	FC-25	-	30	877	5	0.06	R	1845	1845	0	0.8	203	253	0.14	0.14	0.96				
201 STORAGE	FC-25	-	0	108	0	0	R	150	150	0	0.8	0	0	0.00	0.00	1.10	FC-25	0.96	203	210
202 RESTROOM	FC-26/FC-30	EF-1	0	62	0	0	E	0	0	100	0.8	0	0	0.00	0.00	1.09				
203 RESTROOM	FC-26/FC-30	EF-1	0	64	0	0	E	0	0	100	0.8	0	0	0.00	0.00	1.09				
210S-1 CHILDRENS - S-1	FC-26/FC-30	-	6	595	5	0.12	R	1625	1625	0	0.8	101	127	0.08	0.08	1.01				
210S-2 CHILDRENS - S-2	FC-26/FC-30	-	6	595	5	0.12	R	1380	1380	0	0.8	101	127	0.09	0.09	1.00				
210N CHILDRENS - N	FC-26/FC-30	-	11	1082	5	0.12	R	1180	1180	0	0.8	185	231	0.20	0.20	0.89				
213 ELEC	FC-26/FC-30	-	0	25	0	0	R	100	100	0	0.8	0	0	0.00	0.00	1.09				
212 STORAGE	FC-26/FC-30	-	0	157	0	0	R	100	100	0	0.8	0	0	0.00	0.00	1.09				
204 JAN ROOF	FC-26/FC-30	EF-1	0	143	0	0	E	0	0	150	0.8	0	0	0.00	0.00	1.09				
211 IT	FC-26/FC-30	-	0	63	0	0	R	0	0	0	0.8	0	0	0.00	0.00	1.09				
210E-1 CHILDRENS - E-1	FC-26/FC-30	-	8	720	5	0.12	R	1380	1380	0	0.8	126	158	0.11	0.11	0.98				
210E-2 CHILDRENS - E-2	FC-26/FC-30	-	8	720	5	0.12	R	1380	1380	0	0.8	126	158	0.11	0.11	0.98	FC-26/FC-30	0.89	640	717
133 CONF	FC-31	-	6	109	5	0.06	R	320	320	0	0.8	37	46	0.14	0.14	0.97	FC-31	0.97	37	38
135 OFFICE	FC-32	-	3	121	5	0.06	R	310	310	0	0.8	22	28	0.09	0.09	0.98	FC-32	0.98	22	23
112-2 COMPUTERS-2	FC-33	-	10	580	5	0.12	R	1625	1625	0	0.8	120	150	0.09	0.09	0.98	FC-33	0.98	120	122
V120 ENTRY VESTIBULE	FC-34	-	0	151	0	0	R	450	450	0	0.8	0	0	0.00	0.00	1.00	FC-34	1.00	0	0
TOTAL OUTSIDE AIR REQUIRED																			4592	

#	DATE	CHANGE DESCRIPTION

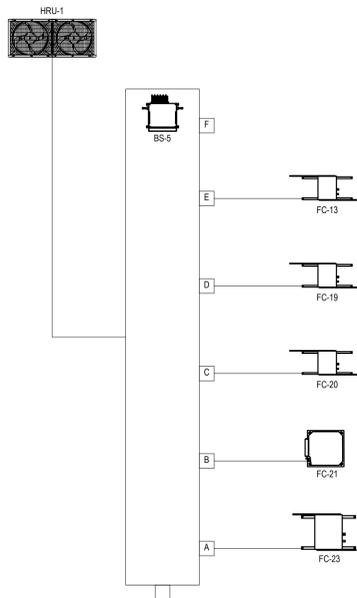
CML LINDEN BRANCH
 2223 CLEVELAND AVE
 COLUMBUS, OH 43211
 FOR
COLUMBUS METROPOLITAN LIBRARY

300 SPRUCE STREET
 SUITE 300
 COLUMBUS, OHIO 43215

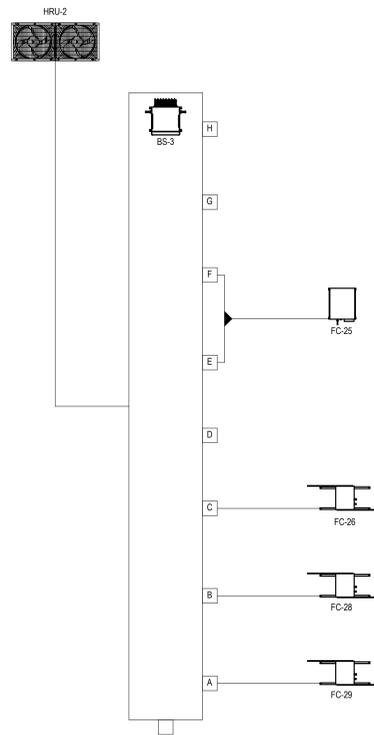
PHONE: (614) 461-4664
 FAX: (614) 280-8881

DRAWING TITLE:
SCHEDULES - MECHANICAL

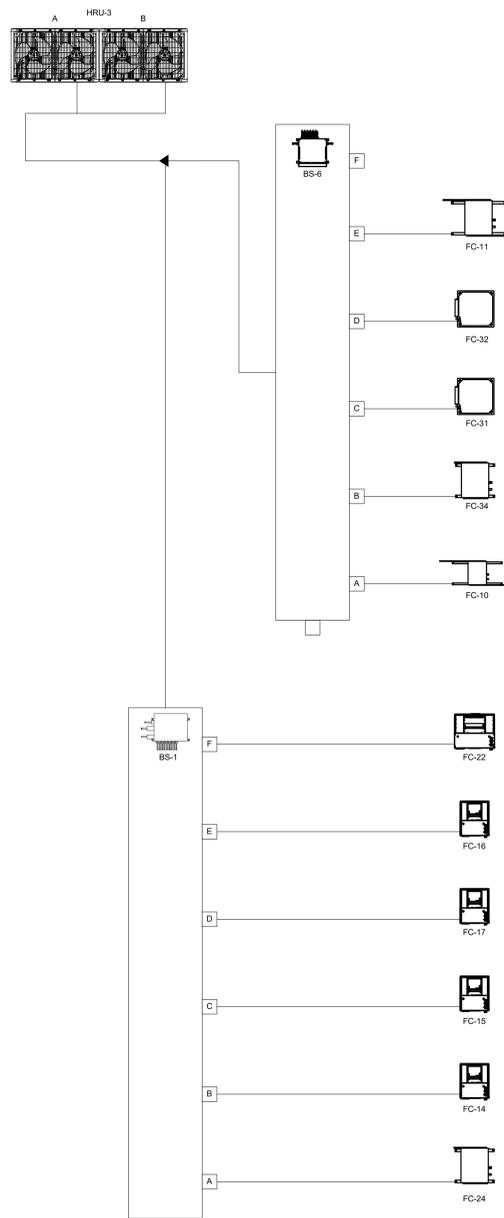
11/21/2023
 DRAWN BY: BMJ | CHECKED BY: ZJO
 Proj. # 21507
M602
 PERMIT SET



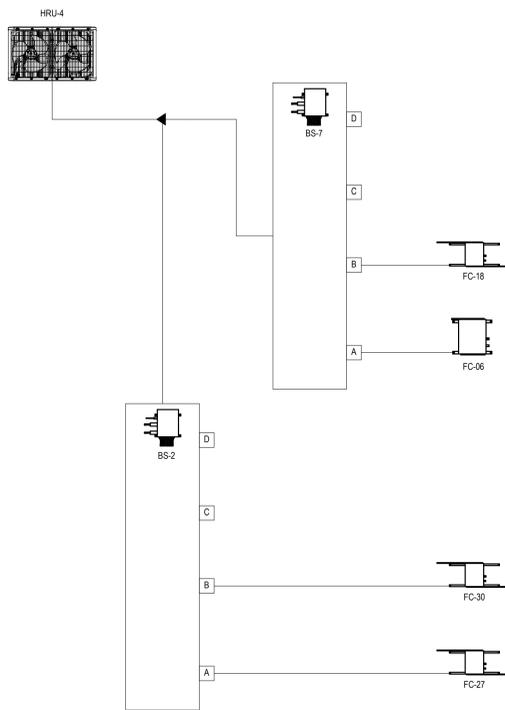
1 DETAIL HRU-1 PIPING DIAGRAM
NTS



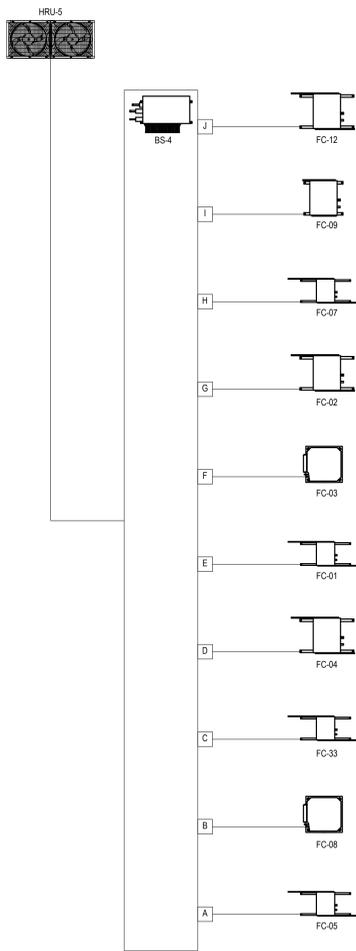
2 DETAIL HRU-2 PIPING DIAGRAM
NTS



3 DETAIL HRU-3 PIPING DIAGRAM
NTS



4 DETAIL HRU-4 PIPING DIAGRAM
NTS



5 DETAIL HRU-5 PIPING DIAGRAM
NTS

#	DATE	CHANGE DESCRIPTION

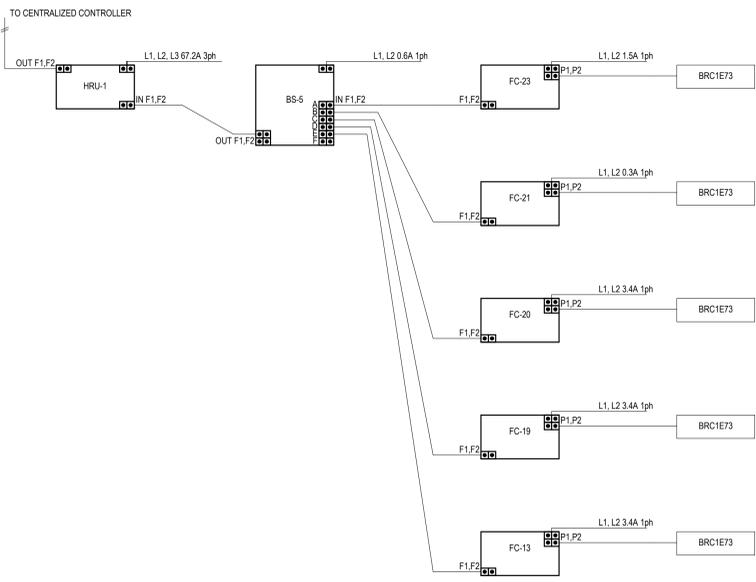
CML LINDEN BRANCH
2223 CLEVELAND AVE
COLUMBUS, OH 43211
FOR
COLUMBUS METROPOLITAN LIBRARY

MOODY-NOLAN
300 SPRUCE STREET
SUITE 300
COLUMBUS, OHIO 43215
PHONE: (614) 461-4664
FAX: (614) 280-8881

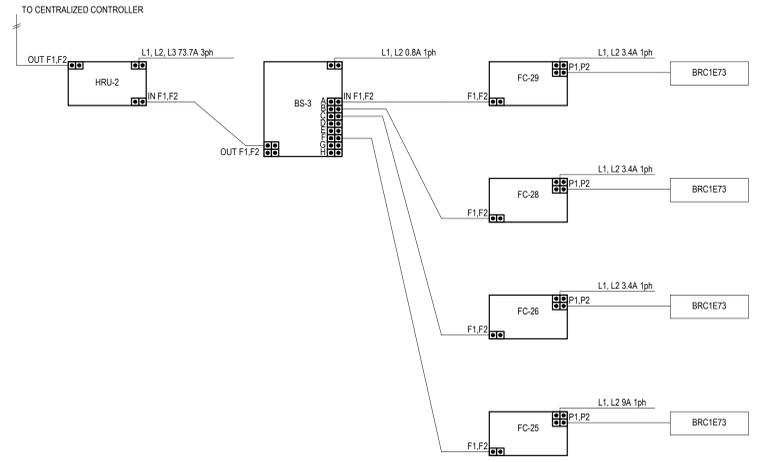
DRAWING TITLE:
DIAGRAMS - MECHANICAL



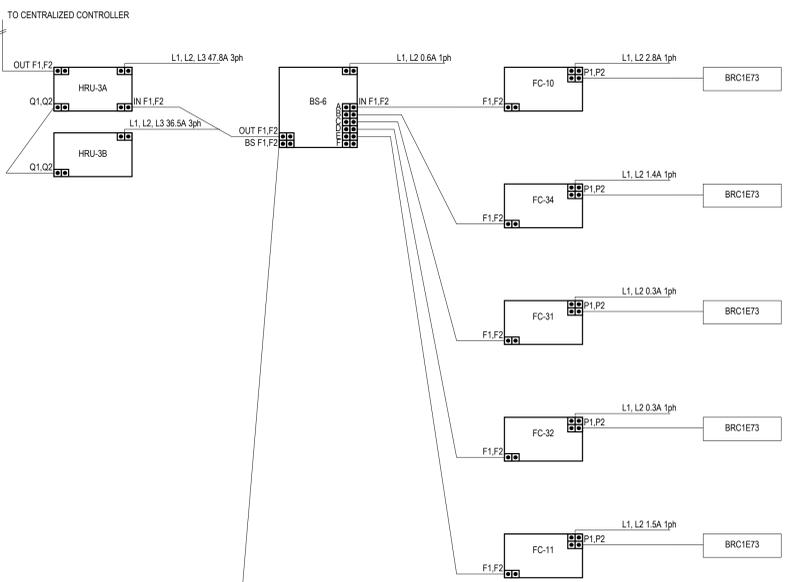
11/21/2023
DRAWN BY: BMJ | CHECKED BY: ZJO
Proj. # 21507
M701
PERMIT SET



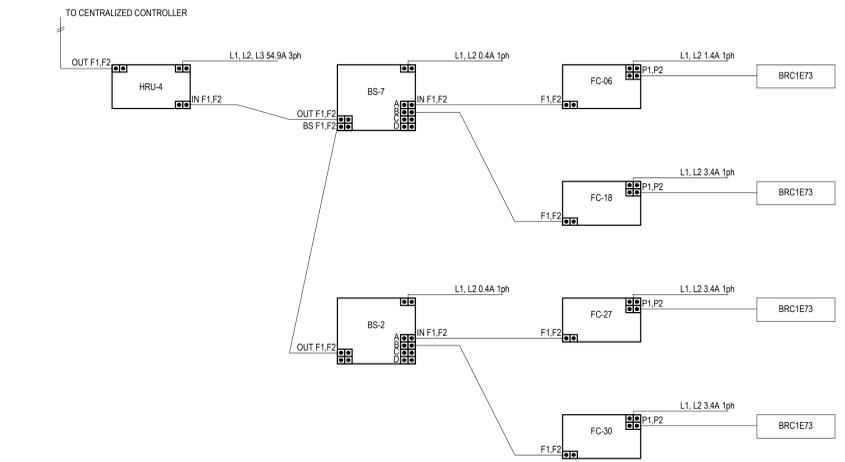
1 DETAIL HRU-1 WIRING DIAGRAM
NTS



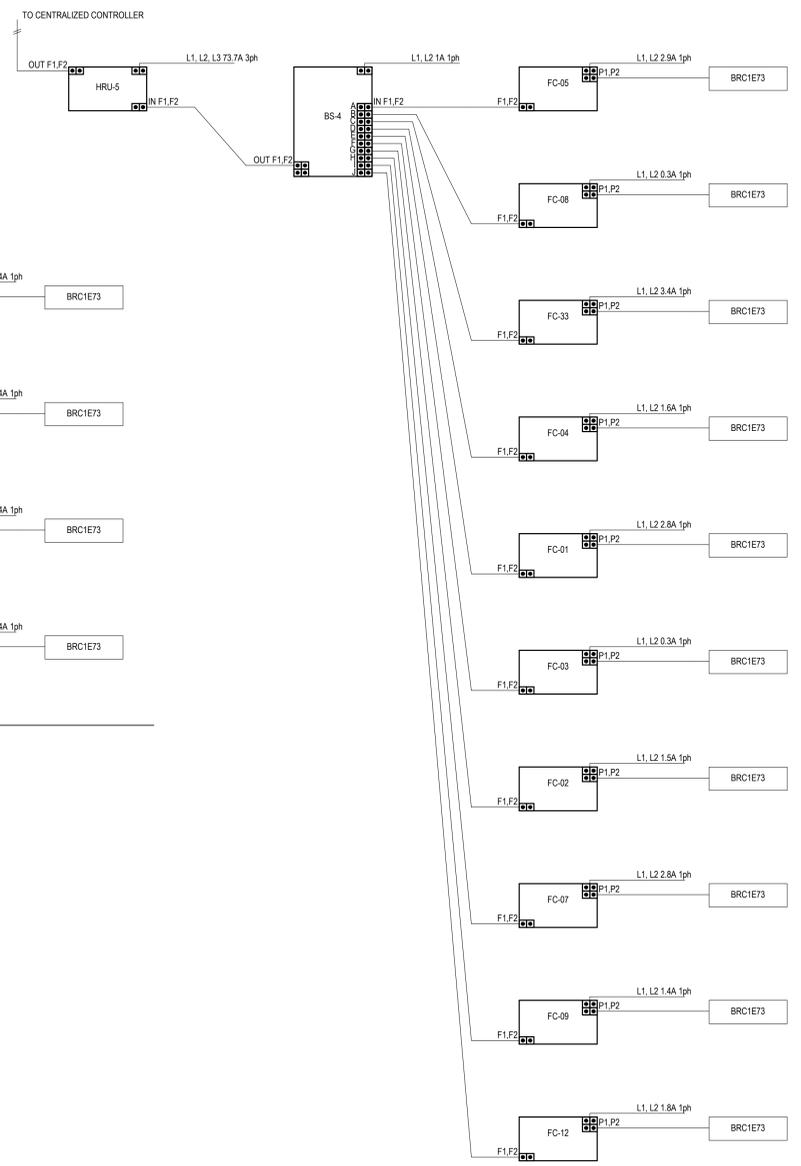
2 DETAIL HRU-2 WIRING DIAGRAM
NTS



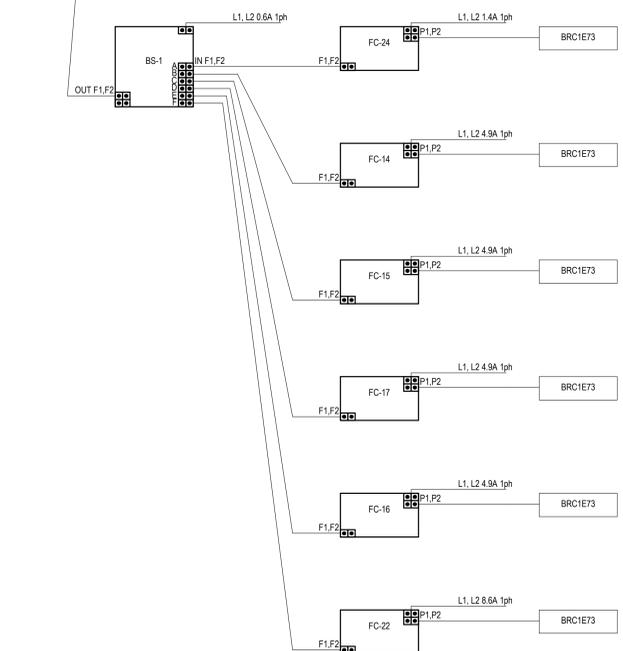
3 DETAIL HRU-3 WIRING DIAGRAM
NTS



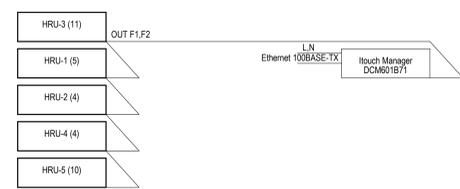
4 DETAIL HRU-4 WIRING DIAGRAM
NTS



5 DETAIL HRU-5 WIRING DIAGRAM
NTS



6 DETAIL CONTROL GROUP WIRING DIAGRAM
NTS



#	DATE	CHANGE DESCRIPTION

CML LINDEN BRANCH
2223 CLEVELAND AVE
COLUMBUS, OH 43211
FOR
COLUMBUS METROPOLITAN LIBRARY

MOODY-NOLAN
300 SPRUCE STREET
SUITE 300
COLUMBUS, OHIO 43215
PHONE: (614) 461-4664
FAX: (614) 280-8881

DRAWING TITLE:
DIAGRAMS - MECHANICAL



11/21/2023
DRAWN BY: BMJ | CHECKED BY: ZJO
Proj. # 21507
M702
PERMIT SET

DEDICATED OUTSIDE AIR SYSTEM (DOAS) WITH ERV

A. THIS SEQUENCE OF OPERATION APPLIES TO THE FOLLOWING UNITS:

- 1. DOAS-1
- B. DOAS IS A CONSTANT AIR VOLUME UNIT. THE UNIT CONSISTS OF A SUPPLY FAN, EXHAUST FAN, ENTHALPY ENERGY RECOVERY WHEEL, FILTERS, MODULATING NATURAL GAS BURNER, DIRECT EXPANSION (DX) COOLING COIL, MODULATING HOT GAS REHEAT, OUTSIDE AIR DAMPER, EXHAUST AIR DAMPER, AND AIRFLOW MEASURING DEVICES. THE DOAS IS PROVIDED WITH A SUPPLY FAN VFD AND AN EXHAUST FAN ECM FOR BALANCING PURPOSES ONLY. ONCE DOAS IS BALANCED, VFD/ECM SHALL BE LOCKED AT THAT SPEED.
- C. SEQUENCE OF OPERATION FOR DOAS SHALL BE THE MANUFACTURER'S HARDWARE AND SOFTWARE WITH STANDARD OPERATING FUNCTIONS. THE DOAS SHALL OPERATE UNDER THEIR INTERNAL FACTORY MOUNTED CONTROLS.
- D. ALL SETPOINTS, SCHEDULES, ALARMS, AND OPERATION FEATURES SHALL BE THROUGH THE MANUFACTURER'S CENTRAL CONTROLLER. ALL FEATURES SHALL ALSO BE CAPABLE OF BEING MONITORED, ADJUSTED, AND TRENDED THROUGH THE BAS.
- E. SYSTEM OPERATION: THE DOAS SHALL OPERATE BASED ON AN OCCUPIED/UNOCCUPIED TIME OF DAY SCHEDULE WITH MANUAL TIMED OVERRIDE THROUGH THE BAS TO PLACE THE UNIT IN TEMPORARY OCCUPIED MODE. AT THE EXPIRATION OF THIS TIME CONTROLLED OVERRIDE, THE UNIT SHALL AUTOMATICALLY RETURN TO THE SCHEDULE. OCCUPANCY SHALL BE PREDETERMINED BY THE OWNER AND PROGRAMMED INTO THE DOAS CONTROL SYSTEM.
- F. SYSTEM START UP/OCCUPIED MODE: WHEN DOAS IS ENABLED TO START, THE UNIT'S EXHAUST AND OUTSIDE AIR DAMPERS SHALL FULLY OPEN AND BE PROVIDED VIA END SWITCHES. THE SUPPLY FAN AND EXHAUST FAN SHALL START AND OPERATION SHALL BE PROVIDED VIA CURRENT SWITCHES. THE OUTSIDE AIR AND EXHAUST AIR DAMPERS SHALL BE NORMALLY CLOSED. AN AIRFLOW MEASURING STATION SHALL MEASURE THE AMOUNT OF OUTSIDE AIR AND EXHAUST AIR.
- G. UNOCCUPIED MODE: THE BAS SHALL SHUTDOWN THE DOAS USING THE SYSTEM SHUTDOWN SEQUENCE. THE SUPPLY FAN AND EXHAUST FAN SHALL BE DEACTIVATED. THE OUTSIDE AIR DAMPER AND EXHAUST AIR DAMPER SHALL BE FULLY CLOSED. THE NATURAL GAS BURNER AND DX COOLING COIL SHALL BE DISABLED.
- H. SUPPLY FAN CONTROL: THE SUPPLY FAN SHALL RUN ANYTIME THE UNIT IS COMMANDED TO RUN, UNLESS SHUTDOWN ON SAFETIES. TO PREVENT SHORT CYCLING, THE SUPPLY FAN SHALL HAVE AN ADJUSTABLE MINIMUM RUNTIME. THE SUPPLY FAN SHALL OPERATE AT A CONSTANT SPEED DURING OPERATION. SUPPLY FAN SHALL BE MONITORED FOR FAILURE, STATUS, START/STOP, RUNTIME, AND HAND POSITION THROUGH THE BAS.
- I. EXHAUST FAN CONTROL: THE EXHAUST FAN SHALL BE INTERLOCKED IN UNISON WITH THE SUPPLY FAN AND RUN ANYTIME THE UNIT IS COMMANDED TO RUN, UNLESS SHUTDOWN ON SAFETIES. TO PREVENT SHORT CYCLING, THE EXHAUST FAN SHALL HAVE AN ADJUSTABLE RUNTIME. THE EXHAUST FAN SHALL OPERATE AT A CONSTANT SPEED DURING OPERATION. EXHAUST FAN SHALL BE MONITORED FOR FAILURE, STATUS, START/STOP, RUNTIME, AND HAND POSITION THROUGH THE BAS.
- J. COOLING CONTROL: THE DX COOLING COIL SHALL MODULATE TO MAINTAIN DISCHARGE SUPPLY AIR TEMPERATURE SETPOINT OF 54°F (ADJ.). THE CONTROLS SHALL PROHIBIT THE UNIT FROM SIMULTANEOUSLY COOLING AND HEATING.
- K. HEATING CONTROL: MODULATE THE NATURAL GAS BURNER TO MAINTAIN DISCHARGE SUPPLY AIR TEMPERATURE SETPOINT OF 68°F (ADJ.). THE CONTROLS SHALL PROHIBIT THE UNIT FROM SIMULTANEOUSLY COOLING AND HEATING.
- L. THE DDC SYSTEM SHALL MONITOR:
 - 1. THE SUPPLY AND EXHAUST FANS STATUS VIA CURRENT SENSORS AND FAN VFD/ECM.
 - 2. EXHAUST AIR AND OUTSIDE AIR TEMPERATURES UPSTREAM AND DOWNSTREAM OF THE ENERGY WHEEL, SUPPLY FAN DISCHARGE AIR, COOLING COIL DISCHARGE AIR, AND SUPPLY AIR TEMPERATURES.
 - 3. EXHAUST AIR AND OUTSIDE AIR HUMIDITY UPSTREAM AND DOWNSTREAM OF THE ENERGY WHEEL, SUPPLY FAN DISCHARGE AIR, COOLING COIL DISCHARGE AIR, AND SUPPLY AIR HUMIDITY.
 - 4. COOLING AND HEATING STATUS.
 - 5. PRESSURE DROP ACROSS ALL FILTERS.
 - 6. MOTORIZED DAMPERS POSITIONS AND DAMPER END SWITCHES.
 - 7. EXHAUST, OUTSIDE, AND SUPPLY AIRFLOWS VIA AIRFLOW MONITORS.
 - 8. ALL ALARMS FROM MANUFACTURER'S INTEGRAL CONTROLLER.
- M. SYSTEMS ALARMS AND SAFETIES:
 - 1. IF A FAN IS NOT SENSED TO BE OPERATING OR THE MOTORIZED DAMPERS FAIL TO OPEN OR CLOSE WHEN REQUIRED, ALARM THE DDC SYSTEM.
 - 2. DUCT SMOKE DETECTOR ON SUPPLY AND RETURN CONNECTIONS: THE DUCT SMOKE DETECTORS SHALL BE HARDWIRED TO STOP THE DOAS SUPPLY AND EXHAUST FANS ON AN ALARM CONDITION. IN THE EVENT OF SMOKE BEING DETECTED, THE UNIT SHALL BE SHUTDOWN USING THE SYSTEM SHUTDOWN SEQUENCE AND AN ALARM GENERATED THROUGH THE BAS. THE UNIT SHALL REQUIRE A MANUAL RESET.
 - 3. HIGH STATIC PRESSURE: IF THE SUPPLY AIR DUCT STATIC PRESSURE EXCEEDS 1.5" W.G. (ADJ.) OR THE EXHAUST AIR DUCT STATIC PRESSURE EXCEEDS 1.5" W.G. (ADJ.), A HIGH PRESSURE SWITCH SHALL TRIP THE SUPPLY AND EXHAUST FANS AND AN ALARM SHALL BE GENERATED THROUGH THE BAS.
 - 4. DIRTY FILTERS: WHEN THE DIFFERENTIAL PRESSURE EXCEEDS THE FILTER MANUFACTURER'S RECOMMENDATIONS FOR DIRTY FILTERS, AN ALARM SHALL BE GENERATED THROUGH THE BAS. CONTRACTOR TO FIELD VERIFY MANUFACTURER'S RECOMMENDED DIFFERENTIAL SETTINGS.
 - 5. HIGH HUMIDITY: ALARM THE BAS IF THE SUPPLY AIR HUMIDITY LEVEL RISES TO ABOVE 80% RH (ADJ.)
 - 6. CONDENSATE DRAIN PAN OVERFLOW PROTECTION: PROVIDE A CONDENSATE DRAIN PAN FLOAT OR HIGH LIMIT WATER SENSOR TO PREVENT DRAIN PAN OVERFLOW DUE TO A CLOG IN ASSOCIATED DRAIN PIPING. IF HIGH LIMIT IS DETECTED, ALARM THE BAS.
 - 7. OUTSIDE AIR DELIVERY MONITORING: PROVIDE A DIRECT OUTSIDE AIR MEASUREMENT DEVICE CAPABLE OF MEASURING THE OUTSIDE AIRFLOW. ALARM THE BAS IF THE OUTSIDE AIR CFM DROPS 10% (ADJ.) BELOW THE DESIGN VALUE.
 - 8. SUPPLY AND EXHAUST FAN FAILURE, HAND POSITION, RUNTIME EXCEEDED.
 - 9. HIGH AND LOW EXHAUST AIR HUMIDITY GREATER THAN 70% (ADJ.) AND LESS THAN 35% (ADJ.)
 - 10. HIGH AND LOW EXHAUST AIR TEMPERATURE GREATER THAN 90°F (ADJ.) AND LESS THAN 45°F (ADJ.)
 - 11. HIGH AND LOW SUPPLY AIR TEMPERATURE GREATER THAN 120°F (ADJ.) AND LESS THAN 45°F (ADJ.)
 - 12. BAS FAILURE: IF COMMUNICATION IS LOST WITH THE BAS, THE DOAS SHALL USE ITS DEFAULT SETPOINTS AND OPERATE IN NORMAL MODE.

VARIABLE REFRIGERANT FLOW (VRF) SYSTEM

A. THIS SEQUENCE OF OPERATION APPLIES TO THE FOLLOWING UNITS:

- 1. F001-FC34 / HRU-1-HRU-5
- B. THE SEQUENCE OF OPERATION FOR THE VRF SYSTEM SHALL BE THE MANUFACTURER'S HARDWARE AND SOFTWARE WITH STANDARD OPERATING FUNCTIONS. THE VRF SYSTEM, INCLUDING THE OUTDOOR HEAT PUMP UNITS, INDOOR FAN COILS, AND BRANCH SELECTOR BOXES SHALL OPERATE UNDER THEIR INTERNAL CONTROLS. THE INDOOR AND OUTDOOR UNIT CONTROLS SHALL BE INTERLOCKED PER THE MANUFACTURER'S RECOMMENDATION. THE VRF PACKAGED UNIT CONTROL SYSTEM SHALL CONTROL ALL THERMAL EXPANSION VALVES, COMPRESSOR OPERATION, ETC.
- C. ALL SETPOINTS, SCHEDULES, ALARMS, AND OPERATION FEATURES SHALL BE THROUGH THE MANUFACTURER'S CONTROLS. ALL FEATURES SHALL ALSO BE CAPABLE OF BEING MONITORED, ADJUSTED AND TRENDED THROUGH THE BAS.
- D. THE FACTORY SUPPLIED, WALL MOUNTED THERMOSTAT/CONTROLLER SHALL SEQUENCE THE DX COOLING AND HEATING FOR THE INDIVIDUAL FAN COIL UNITS TO MAINTAIN SPACE TEMPERATURE SETPOINT. AFTER STARTUP/ COMMISSIONING IS COMPLETE, THERMOSTAT SHALL HAVE BUTTONS DIGITALLY LOCKED OUT. SPECIFIC LOCKOUTS TO BE COORDINATED WITH OWNER.
- E. THE VRF SYSTEM SHALL OPERATE ON A TIME OF DAY OCCUPIED/UNOCCUPIED SCHEDULE. OCCUPANCY SHALL BE PREDETERMINED BY THE OWNER AND PROGRAMMED INTO THE VRF CONTROL SYSTEM. DURING OCCUPIED MODE, ZONE FAN SHALL BE ON, AND UNIT SHALL CYCLE COOLING OR HEATING OPERATION. DURING UNOCCUPIED MODE, ZONE FAN SHALL BE OFF, AND CYCLE ON AS NEEDED TO COOL OR HEAT.
- F. VRF SYSTEM SHALL BE CAPABLE TO SIMULTANEOUSLY PROVIDE HEATING AND COOLING TO DIFFERENT ZONES.
- G. ALL OCCUPIED SPACES SERVED BY THE VRF SYSTEM SETPOINT SHALL BE 73°F SUMMER AND 70°F WINTER (ALL ADJ.).
- H. ALL UNOCCUPIED SPACES SERVED BY THE VRF SYSTEM SETPOINT SHALL BE 75°F SUMMER AND 65°F WINTER (ALL ADJ.).
- I. PRE-OCCUPIED MODE
 - 1. EACH VRF UNIT SHALL BE CONTROLLED ON ITS OWN OCCUPIED/UNOCCUPIED TIME SCHEDULE AS DEFINED AT THE OPERATOR WORKSTATION. THE BAS SHALL INDEX THE UNIT TO START IN ADVANCE OF THE SCHEDULED OCCUPIED TIME, VIA AN ADAPTIVE OPTIMAL START SEQUENCE. THE UNIT SHALL ENTER AN OPTIMAL START MODE TO COMMAND THE UNIT INTO THE OCCUPIED MODE EARLY, AS REQUIRED TO ACHIEVE SPACE SETPOINT BY THE NORMAL SCHEDULED OCCUPANCY TIME.
- J. A BAS COMMUNICATIONS INTERFACE SHALL BE PROVIDED BY THE UNIT MANUFACTURER FOR ALARM AND MONITORING THROUGH THE BAS.
 - 1. WIRING AND TERMINATION OF THE BAS TO THE INTERFACE SHALL BE PROVIDED BY THE BAS CONTRACTOR. FINAL TERMINATIONS SHALL BE VERIFIED BY THE REPRESENTATIVE OF THE UNIT MANUFACTURER PRIOR TO STARTUP. ALL ALARMS FROM MANUFACTURER'S INTEGRAL CONTROLLER AVAILABLE THROUGH THE COMMUNICATIONS INTERFACE SHALL BE MONITORED AND/OR COMMANDED.
 - 2. BAS SHALL MONITOR DISCHARGE AIR TEMPERATURE FROM EACH FAN COIL.
- K. ALL FAN COIL UNITS SHALL HAVE AN AUXILIARY CONDENSATE OVERFLOW SWITCH INTERLOCKED TO SHUTDOWN THE FAN COIL UNITS AND ALARM BAS.
- L. FAN COIL CONTROLS SHALL BE INTERLOCKED WITH ANY ASSOCIATED CABINET UNIT HEATER SERVING SAME ROOM TO PROHIBIT SIMULTANEOUS HEATING AND COOLING.

UNIT HEATERS (ELECTRIC)

- A. THIS SEQUENCE OF OPERATION APPLIES TO THE FOLLOWING UNITS:
 - 1. EUH-1
- B. THE UNIT CONSISTS OF A SUPPLY FAN, AND ELECTRIC HEATING COIL.
- C. THE UNIT SHALL BE STARTED AND STOPPED THROUGH INTEGRAL SELF CONTAINED CONTROLS AND MONITORED THROUGH THE DDC SYSTEM.
- D. A WALL MOUNTED OR INTEGRAL THERMOSTAT/TEMPERATURE SENSOR SHALL CYCLE THE FAN AND ELECTRIC HEATING COIL TO MAINTAIN THE DESIRED SPACE TEMPERATURE OF 50°F (ADJ.).
- E. ALARM THE DDC SYSTEM IF THE UNIT FAILS TO OPERATE AS DETERMINED BY A CURRENT SENSOR.

CABINET UNIT HEATERS (ELECTRIC)

- A. THIS SEQUENCE OF OPERATION APPLIES TO THE FOLLOWING UNITS:
 - 1. ECH-1
- B. THE UNIT CONSISTS OF A SUPPLY FAN, ELECTRIC HEATING COIL, AND FILTER.
- C. THE UNIT SHALL BE STARTED AND STOPPED THROUGH INTEGRAL SELF CONTAINED CONTROLS AND MONITORED THROUGH THE DDC SYSTEM.
- D. A WALL MOUNTED OR INTEGRAL THERMOSTAT/TEMPERATURE SENSOR SHALL CYCLE THE FAN AND ELECTRIC HEATING COIL TO MAINTAIN THE DESIRED SPACE TEMPERATURE OF 50°F (ADJ.).
- E. HEATER CONTROLS SHALL BE INTERLOCKED WITH ANY ASSOCIATED FAN COIL UNITS SERVING SAME ROOM TO PROHIBIT SIMULTANEOUS HEATING AND COOLING.
- F. ALARM THE DDC SYSTEM IF THE UNIT FAILS TO OPERATE AS DETERMINED BY A CURRENT SENSOR.

BASEBOARD HEATERS (ELECTRIC)

- A. THIS SEQUENCE OF OPERATION APPLIES TO THE FOLLOWING UNITS:
 - 1. EBH-1
- B. BASEBOARD HEATERS SHALL OPERATE AS A SECOND STAGE OF HEAT (FAN COILS SHALL BE FIRST STAGE OF HEAT).
- C. WHEN A NEARBY FAN COIL ZONE DROPS MORE THAN 2°F (ADJ.) BELOW THE ZONE HEATING SETPOINT, ACTIVATE BASEBOARD HEATER.
- D. HEATER SHALL BE LOCKED OUT IF NEARBY FAN COIL IS IN COOLING MODE AS DETERMINED BY THE ZONE TEMPERATURE AND THE SETPOINT.
- E. HEATER SHALL BE LOCKED OUT IF OUTSIDE AIR TEMPERATURE IS ABOVE 55°F (ADJ.)

VENTILATION EXHAUST FANS (CONSTANT AIR VOLUME, AND ON/OFF)

- A. THIS SEQUENCE OF OPERATION APPLIES TO THE FOLLOWING UNITS:
 - 1. EF-3
 - 2. EF-4
- B. THESE EXHAUST FANS ARE CONSTANT AIR VOLUME FANS. FANS PROVIDED WITH CONTROL DIAL FOR EC MOTORS (UNLESS NOTED OTHERWISE), CONTROL DIAL FOR EC MOTORS SHALL BE USED TO ASSIST IN BALANCING.
- C. SYSTEM START UP: THE FAN SHALL BE CAPABLE OF BEING STARTED AND STOPPED VIA THE DDC SYSTEM. ACTIVATED VIA THERMOSTAT/TEMPERATURE SENSOR, OR MANUALLY WITH ADJUSTABLE TIMED OVERRIDE. COORDINATE LOCATION OF MANUAL OVERRIDE WITH OWNER.
- D. A WALL MOUNTED THERMOSTAT/TEMPERATURE SENSOR SHALL CYCLE THE FAN WHEN SPACE TEMPERATURE RISES ABOVE SPACE TEMPERATURE SETPOINT OF 80°F (ADJ.).
- E. WHEN SPACE TEMPERATURE FALLS BELOW SETPOINT, FAN SHALL BE DEACTIVATED.
- F. THE DDC SYSTEM SHALL MONITOR:
 - 1. THE STATUS OF THE FAN VIA A CURRENT SENSOR.
 - 2. ZONE TEMPERATURE.
- G. SYSTEM ALARMS AND SAFETIES:
 - 1. IF A FAN IS NOT SENSED TO BE OPERATING, ALARM THE DDC SYSTEM.
 - 2. IF SPACE TEMPERATURE DOES NOT MAINTAIN SETPOINT FOR 10 MINUTES (ADJ.), ALARM THE DDC SYSTEM.

EXHAUST FANS (CONSTANT AIR VOLUME, AND INTERLOCKED WITH EQUIPMENT)

- A. THIS SEQUENCE OF OPERATION APPLIES TO THE FOLLOWING UNITS:
 - 1. EF-1 (INTERLOCKED TO OPERATE WITH DOAS-1)
 - 2. EF-2 (INTERLOCKED TO OPERATE WITH DOAS-1)
- B. THESE EXHAUST FANS ARE CONSTANT AIR VOLUME FANS, AND SHALL RUN CONTINUOUSLY WHEN INTERLOCKED EQUIPMENT IS OPERATING. FANS PROVIDED WITH 0-10 VDC INPUT FOR EC MOTORS OR WITH A VFD, AS SCHEDULED, FOR BALANCING PURPOSES ONLY.
- C. SYSTEM START UP: THE ASSOCIATED MOTORIZED DAMPER SHALL OPEN, VERIFY DAMPER IS IN CORRECT POSITION VIA DAMPER END SWITCH, AND THEN THE FAN SHALL START ONCE A SIGNAL IS PROVIDED FROM INTERLOCKED EQUIPMENT. FAN SHALL BE INTERLOCKED TO DAMPER SO THAT FAN CANNOT START UNTIL DAMPER IS FULLY OPEN.
- D. UPON DEACTIVATION OF FAN, THE ASSOCIATED MOTORIZED DAMPER SHALL CLOSE.
- E. THE DDC SYSTEM SHALL MONITOR:
 - 1. THE STATUS OF THE FAN VIA A CURRENT SENSOR.
 - 2. DAMPER POSITION AND DAMPER END SWITCH.
- G. SYSTEM ALARMS AND SAFETIES:
 - 1. IF A FAN IS NOT SENSED TO BE OPERATING, ALARM THE DDC SYSTEM.
 - 2. IF DAMPER FAILS TO OPEN OR CLOSE WHEN REQUIRED, ALARM THE DDC SYSTEM.

BUILDING AUTOMATION SYSTEM (BAS)

GENERAL SEQUENCE OF OPERATION:

- A. THE HEATING, VENTILATING AND AIR CONDITIONING (HVAC) SYSTEMS SHALL BE CONTROLLED AUTOMATICALLY FROM THE WEB-BASED DIRECT DIGITAL CONTROL (DDC) TEMPERATURE CONTROL SYSTEM. ALL SET POINTS SHALL BE ADJUSTABLE (ADJ.). EQUIPMENT IDENTIFIED AS BEING INTERLOCKED SHALL BE SOFTWARE INTERLOCKED THROUGH THE DDC SYSTEM UNLESS NOTED OTHERWISE.
- B. THE BAS SHALL REPORT BACK AND BE MONITORED FROM CML MAIN LIBRARY CENTRAL MONITORING STATION VIA IP.
- C. UTILITY METERING:
 - 1. THE BAS SHALL CONNECT AND MONITOR:
 - a. NATURAL GAS METER
 - b. DOMESTIC WATER METER
 - c. ELECTRIC METER
 - d. ELEVATOR SUMP PUMP LEVEL
 - e. DOMESTIC WATER CIRCULATION PUMP STATUS
 - f. LIGHTING CONTROLS
 - g. MOTORIZED SHADES
- D. BUILDING LIGHTING
 - 1. THE BUILDING EXTERIOR LIGHTING SHALL BE CONTROLLED ON A TIME SCHEDULE AS DEFINED AT THE OPERATION WORKSTATION. INTERIOR LIGHTING SHALL BE CONTROLLED DIRECTLY BY THE LIGHTING CONTROL SYSTEM. LIGHTING DATA AND CONTROL POINTS SHALL BE ACCESSIBLE THROUGH THE COMMUNICATIONS INTERFACE PROVIDED WITH THE LIGHTING CONTROL PANEL.

#	DATE	CHANGE DESCRIPTION

 **CML LINDEN BRANCH**
2223 CLEVELAND AVE
COLUMBUS, OH 43211
FOR
COLUMBUS METROPOLITAN LIBRARY

 300 SPRUCE STREET
SUITE 300
COLUMBUS, OHIO 43215

PHONE: (614) 461-4664
FAX: (614) 280-8881

DRAWING TITLE:
SEQUENCE OF OPERATION - MECHANICAL

	11/21/2023
	DRAWN BY: BMJ CHECKED BY: ZJO
	Proj. # 21507
M801	
PERMIT SET	

ABBREVIATIONS	
NOTE: NOT ALL ABBREVIATIONS MAY BE USED.	
(A)	EXISTING TO BE ABANDONED
(D)	EXISTING TO BE DEMOLISHED
(E)	EXISTING TO REMAIN
(F)	FUTURE
(R)	EXISTING TO BE RELOCATED
A	AMPERE
AC	ALTERNATING CURRENT OR AIR CONDITIONER
AFB	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AIC	AMPS INTERRUPTING CAPACITY
ANNC	ANNUNCIATOR
AWG	AMERICAN WIRE GAUGE
BPS	BOLTED PRESSURE SWITCH
C	CONDUIT
CB	CIRCUIT BREAKER
CCTV	CLOSED CIRCUIT TELEVISION
CKT	CIRCUIT
CM	CONSTRUCTION MANAGER
DC	DIRECT CURRENT
DP	DISTRIBUTION PANELBOARD
DTT	DOUBLE TWIN TUBE
EB	ELECTRONIC BALLAST
EC	ELECTRICAL CONTRACTOR
EM	EMERGENCY
EMT	ELECTRICAL METAL TUBING
EW	ELECTRIC WATER COOLER
FA	FIRE ALARM
FLA	FULL LOAD AMPS
G	GROUND
GC	GENERAL TRADES CONTRACTOR
GFCI	GROUND FAULT CIRCUIT INTERRUPTER
GEN	GENERATOR
HOA	HAND-OFF-AUTOMATIC
HP	HORSEPOWER
HPC	HIGH PRESSURE CONTACT SWITCH
HZ	HERTZ
IG	ISOLATED GROUND
IMC	INTERMEDIATE METAL CONDUIT
INC	INCANDESCENT
KVA	KILOVOLT AMPERE
KW	KILOWATT
LTG	LIGHTING OR LIGHT
LRA	LOCKED ROTOR AMPS
MCA	MINIMUM CIRCUIT AMPACITY
MCB	MAIN CIRCUIT BREAKER
MCC	MOTOR CONTROL CENTER
MDP	MAIN DISTRIBUTION PANEL
MLO	MAIN LUGS ONLY
MOC	MAXIMUM OVERCURRENT PROTECTION
MSB	MAIN SWITCHBOARD
MH	MOUNTING HEIGHT
MTS	MANUAL TRANSFER SWITCH
NAC	NOTIFICATION APPLIANCE CIRCUIT
NC	NORMALLY CLOSED
NO	NORMALLY OPEN
NF	NON-FUSED
OCC	OCCUPANCY
PA	PUBLIC ADDRESS
PB	PULL BOX OR PUSH BUTTON
PVC	POLYVINYL CHLORIDE (PLASTIC PIPE)
PWR	POWER
RECPT	RECEPTACLE
STP	SHIELDED, TWISTED PAIR
TC	TIME CLOCK
TRT	TRIPLE TUBE
TYP	TYPICAL
UNO	UNLESS NOTED OTHERWISE
UTP	UNSHIELDED, TWISTED PAIR
V	VOLT
W	WATT
WAP	WIRELESS ACCESS POINT
WH	WATT-HOUR
WP	WEATHERPROOF, NEMA 3R UNO
XFMR	TRANSFORMER
Z	IMPEDANCE
□	PHASE

LIGHTING SYMBOLS	
NOTE: NOT ALL SYMBOLS MAY BE USED.	
	GENERAL PURPOSE LUMINAIRE: REFER TO LUMINAIRE SCHEDULE FOR ADDITIONAL INFORMATION
	GENERAL PURPOSE LUMINAIRE ON EMERGENCY POWER: REFER TO LUMINAIRE SCHEDULE FOR ADDITIONAL INFORMATION
	ROUND LUMINAIRE: REFER TO LUMINAIRE SCHEDULE FOR ADDITIONAL INFORMATION
	WALL MOUNTED: REFER TO LUMINAIRE SCHEDULE FOR ADDITIONAL INFORMATION
	TRACK LIGHTING
	TRACK LIGHTING HEAD
	REMOTE HEAD
	STEP LIGHT
	EMERGENCY LIGHT
	EXIT SIGN
	CEILING MOUNTED ILLUMINATED EXIT SIGN WITH DIRECTIONAL ARROWS
	EMERGENCY DUAL FACE ILLUMINATED EXIT SIGN WITH DIRECTIONAL ARROWS
	EXIT SIGN WITH INTEGRAL HEADS
	LINE VOLTAGE SWITCH: X=BLANK-SINGLE POLE 20A, TOGGLE; X=3-THREE WAY; X=4-FOUR WAY; X=P-PILOT LIGHT; X=OS-OCCUPANCY; X=OS-D-COMBO DIMMER OCCUPANCY
	PHOTOCELL
	LOW VOLTAGE SWITCH: X=1-TWO BUTTON ON/OFF; X=2-BUTTONS AS REQUIRED FOR ZONES SHOWN ON/OFF - RAISE/LOWER
	CEILING MOUNTED OCCUPANCY SENSOR: X=BLANK-DUAL TECHNOLOGY; X=IR-PASSIVE INFRARED; X=US-ULTRASONIC; X=WP-EXTERIOR/EXTREME TEMP RATED
	LOW VOLTAGE DIMMER
	POWER PACK
	JUNCTION BOX
	PANEL BOARD
	LIGHTING CONTROL PANEL
	POLE MOUNTED LUMINAIRE (SINGLE)

POWER SYMBOLS	
NOTE: NOT ALL SYMBOLS MAY BE USED.	
	20A DUPLEX RECEPTACLE WITH COVER PLATE: X=MOUNTING HEIGHT (STANDARD = 18" TO CENTER); F=FLUSHED IN FLOOR, C= FLUSHED IN CEILING
	GFCI (GROUND FAULT CIRCUIT INTERRUPTER) TYPE RECEPTACLE:
	WEATHER-RESISTANT, GFCI RECEPTACLE WITH "EXTRA DUTY" WEATHERPROOF IN-USE COVER
	RECEPTACLE, MOUNT AT 4" ABOVE SURFACE OR BACKSPASH TO BOTTOM
	USB TYPE RECEPTACLE WITH TAMPER RESISTANT
	TAMPER RESISTANT RECEPTACLE
	SIMPLEX RECEPTACLE
	QUADRIplex RECEPTACLE: SEE DUPLEX RECEPTACLE FOR TYPES
	WALL MOUNTED SPECIAL RECEPTACLE: REFER TO PLANS FOR ADDITIONAL INFORMATION
	SURFACE MOUNTED RACEWAY
	STANDARD DISCONNECT SWITCH: X=CIRCUIT BREAKER SIZE, Y=NUMBER OF POLES, Z=SPECIAL DESIGNATION
	STANDARD FUSED DISCONNECT SWITCH: X=CIRCUIT BREAKER SIZE, Y=FUSING, Z=NUMBER OF POLES
	MOTOR STARTER: X=STARTER SIZE, Y=NUMBER OF POLES
	COMBINATION MOTOR STARTER/DISCONNECT SWITCH: X=STARTER SIZE, Y=FUSE SIZE, Z=NUMBER OF POLES
	MOTOR (BY OTHERS); PROVIDE POWER AS INDICATED
	UTILITY METER
	FRACTIONAL HORSEPOWER MANUAL MOTOR STARTER: Z = 2-POLE
	JUNCTION BOX
	SURGE PROTECTIVE DEVICE
	PANEL BOARD
	RECESSED 4-GANG FLOOR BOX (POWER ONLY) (WIREMOLD RFB4E-OG-6CTCBK SERIES OR APPROVED EQUAL) (1) DUPLEX RECEPTACLE (3) EMPTY GANGS FOR FUTURE USE
	RECESSED 4-GANG FLOOR BOX (POWER AND DATA) (WIREMOLD RFB4E-OG-6CTCBK SERIES OR APPROVED EQUAL) (2) DUPLEX RECEPTACLES (2) DATA OUTLETS
	RECESSED 6-GANG FLOOR BOX (POWER AND DATA) (WIREMOLD RFB6-OG-FPBTCBK SERIES OR APPROVED EQUAL) (3) DUPLEX RECEPTACLES (6) DATA OUTLETS
	RECESSED FLOOR BOX (POWER AND DATA) (WIREMOLD RFB4E-OG-6CFTCBK SERIES OR APPROVED EQUAL) HARDWIRED FURNITURE CONNECTION COORDINATE COVER PLATE WITH ARCHITECT.
	RECESSED 6" DIA. POKE-THRU (POWER ONLY) (WIREMOLD 6ATC2BK SERIES OR APPROVED EQUAL) (1) DUPLEX RECEPTACLE (1) EMPTY GANG FOR FUTURE USE COORDINATE COVER PLATE WITH ARCHITECT.
	RECESSED 6" DIA. POKE-THRU (POWER AND DATA) (WIREMOLD 6ATC2BK SERIES OR APPROVED EQUAL) (2) DUPLEX RECEPTACLES (2) DATA OUTLETS COORDINATE COVER PLATE WITH ARCHITECT.
	RECESSED 8" DIA. POKE-THRU (POWER AND DATA) (WIREMOLD 8ATC2BK SERIES OR APPROVED EQUAL) (3) DUPLEX RECEPTACLES (6) DATA OUTLETS COORDINATE COVER PLATE WITH ARCHITECT.

#	DATE	CHANGE DESCRIPTION

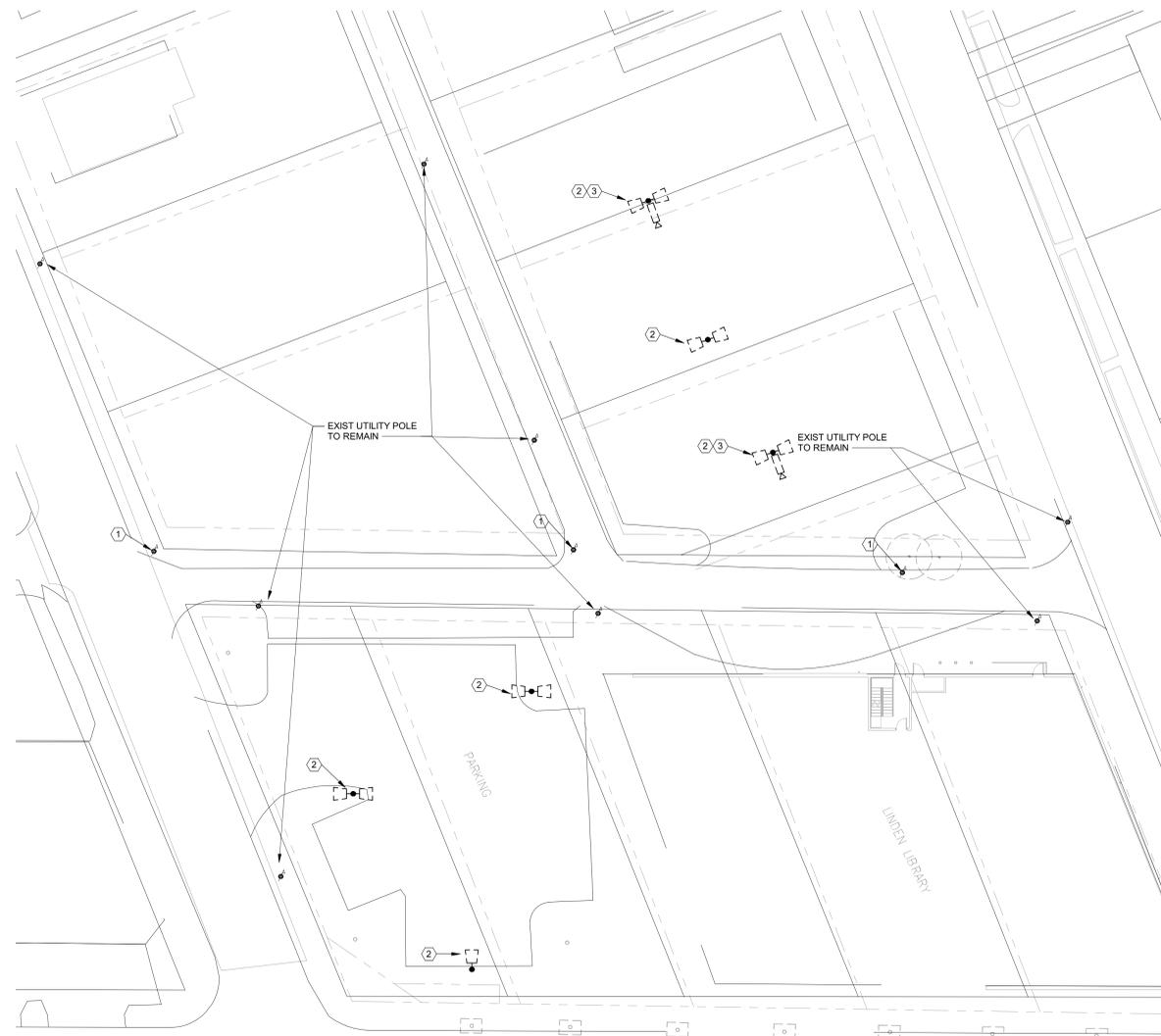
CML LINDEN BRANCH
 2223 CLEVELAND AVE
 COLUMBUS, OH 43211
 FOR
COLUMBUS METROPOLITAN LIBRARY

300 SPRUCE STREET
 SUITE 300
 COLUMBUS, OHIO 43215

PHONE: (614) 461-4664
 FAX: (614) 280-8881

DRAWING TITLE:
GENERAL INFORMATION - ELECTRICAL

	11/21/2023
	DRAWN BY: RB CHECKED BY: KM
	Proj. # 21507
E001	
PERMIT SET	



1

SITE DEMO PLAN - ELECTRICAL

1" = 20'-0"

GENERAL SHEET NOTES

A. CONTRACTOR SHALL COORDINATE ALL SITE WORK WITH OTHER TRADES AND EXISTING UNDERGROUND UTILITIES (SEE CIVIL PLANS).

SHEET KEYNOTES

1. EXISTING UTILITY POLE TO BE RELOCATED BY AEP. REFER TO NEW WORK SITE PLAN FOR LOCATION.
2. EXISTING POLE LIGHT TO BE REMOVED, MAINTAIN EXISTING WIRING AND EXTEND TO NEW POLES AS SHOWN ON NEW WORK PLAN.
3. EXISTING POLE MOUNTED SECURITY CAMERAS AND EQUIPMENT SHALL BE REMOVED AND TURNED OVER TO THE OWNER.

#	DATE	CHANGE DESCRIPTION

CML LINDEN BRANCH
2223 CLEVELAND AVE
COLUMBUS, OH 43211
FOR
COLUMBUS METROPOLITAN LIBRARY

MOODY-NOLAN
300 SPRUCE STREET
SUITE 300
COLUMBUS, OHIO 43215
PHONE: (614) 461-4664
FAX: (614) 280-8881

DRAWING TITLE:
SITE DEMO PLAN - ELECTRICAL



11/21/2023	CHECKED BY: KM
DRAWN BY: RB	Proj. # 21507
E002	
PERMIT SET	



GENERAL SHEET NOTES

- A. MINIMUM SIZE FOR ALL SITE CONDUIT SHALL BE 1.25", UNLESS NOTED OTHERWISE.
- B. UNDERGROUND CONDUIT ROUTING SHOWN IS SCHEMATIC, COORDINATE EXACT ROUTINGS WITH CIVIL PLANS.
- C. CONTRACTOR SHALL COORDINATE ALL SITE WORK WITH OTHER TRADES AND EXISTING UNDERGROUND UTILITIES (SEE CIVIL PLANS).
- D. ALL EXTERIOR CONDUITS RISING ABOVE GRADE, ENTERING PULL BOXES, MANHOLES, HANDHOLES, BUILDINGS AND OR EQUIPMENT SHALL BE RIGID GALVANIZED STEEL TYPE FROM THE LAST 6 FEET OF TRANSITION FROM BELOW GRADE.
- E. COORDINATE TRENCHING AND BACKFILL REQUIREMENTS WITH CIVIL DRAWINGS AND SPECIFICATIONS.
- F. ALL EXTERIOR LUMINAIRES SHALL HAVE IN-LINE FUSING IN POLE ACCESSIBLE FROM GRADE. MINIMUM BRANCH CIRCUIT SIZE SHALL BE #10 AWG, TO ACCOUNT FOR VOLTAGE DROP.

SHEET KEYNOTES

- 1. EXISTING UTILITY POLE AND POLE MOUNTED TRANSFORMERS TO SHIFT NORTH, OUT OF PROPOSED DRIVE. COORDINATE CONSTRUCTION SCHEDULE WITH UTILITY CO. WHO WILL PERFORM ALL UTILITY POLE RELOCATION WORK. UTILITY CO. SHALL UPGRADE TRANSFORMERS AS REQUIRED, CONTRACTOR SHALL PROVIDE NEW SERVICE RISER AND WEATHERHEAD.
- 2. SECONDARY ENCASED DUCT BANK FROM UTILITY POLE. REFER TO DUCT BANK DETAIL 1E501. CONTRACTOR SHALL PROVIDE CONDUCTORS AND TERMINATION. CONDUIT COUNT SHOWN INCLUDES REQUIRED SPARES.
- 3. ENCASED TELECOM DUCT BANK REFER TO DUCT BANK DETAIL 1E501. PROVIDE NEW TELECOM RISER ON POLE, 1-4" C.
- 4. UTILITY PEDESTAL TO CONTAIN PANELBOARDS UP1 AND UP2. LIGHTING CONTRACTOR, PHOTO CELL AND UTILITY METER. REFER TO SINGLE LINE DRAWING FOR MORE DETAILS. PROVIDE 4" CONCRETE PAD BENEATH PEDESTAL.
- 5. PROVIDE 8" X 8" HANDHOLE FOR FUTURE EV CHARGING STATION. PROVIDE (1) 1.25" CONDUIT TO UTILITY PEDESTAL PANELBOARD UP1. PROVIDE PULL STRINGS IN ALL EMPTY CONDUITS.
- 6. PROVIDE KNOX REMOTE POWER BOX AT 60' A.F.G WITH EMERGENCY STOP BUTTON FOR EV CHARGERS. EMERGENCY STOP SHALL TRIGGER SHUNT TRIP IN BREAKER SERVING CHARGING UNITS. PROVIDE 120V CIRCUIT BETWEEN ESTOP AND EV CHARGER BREAKERS LOCATED IN UTILITY PEDESTAL PANEL UP1, MOUNT TO SIDE OF UTILITY PEDESTAL. NO LESS THAN 10' FROM CLOSEST EV CHARGER.
- 7. PROPOSED LOCATION FOR RELOCATED SERVICE POLE WITH THREE-PHASE UTILITY TRANSFORMER BANK.
- 8. EXISTING UTILITY POLE TO REMAIN.
- 9. CONTRACTOR TO EXCAVATE IN EXISTING BUILDING SLAB TO INSTALL NEW DUCT BANK WITHIN BUILDING FOOTPRINT.
- 10. EXISTING UTILITY POLE WITH SINGLE-PHASE TRANSFORMER BANK SHALL BE UTILIZED TO SERVE PROPOSED UTILITY PEDESTAL. PROVIDE NEW RISER CONDUIT AND WEATHERHEAD.
- 11. EXISTING UTILITY POLE SHALL SHIFT WEST, OUT OF PROPOSED DRIVE. COORDINATE CONSTRUCTION SCHEDULE WITH UTILITY CO. WHO WILL PERFORM ALL UTILITY POLE RELOCATION WORK.
- 12. PROPOSED LOCATION FOR RELOCATED UTILITY POLE WITH THREE-PHASE UTILITY TRANSFORMER BANK.
- 13. INTERCEPT EXISTING UNDERGROUND SITE LIGHTING CIRCUIT AND EXTEND TO NEW POLE LIGHTS. PROVIDE NEW 12X12" PULL BOX TO SPLICE AND EXTEND CIRCUIT.
- 14. POWER CONNECTION FOR TELECOMMUNICATIONS PEDESTAL.

#	DATE	CHANGE DESCRIPTION

CML LINDEN BRANCH
 2223 CLEVELAND AVE
 COLUMBUS, OH 43211
 FOR
COLUMBUS METROPOLITAN LIBRARY

300 SPRUCE STREET
 SUITE 300
 COLUMBUS, OHIO 43215

PHONE: (614) 461-4664
 FAX: (614) 280-8881

SITE PLAN - ELECTRICAL

1 SITE PLAN - ELECTRICAL
 1" = 20'-0"

11/21/2023
 DRAWN BY: RB CHECKED BY: KM
 Proj. # 21507
E003
 PERMIT SET



Statistics						
Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
Parking	+	1.8%	2.8%	0.7%	4.0%	2.6%
PARKING NORTH	+	1.6%	2.4%	0.7%	3.1%	2.3%
ALLY	+	1.0%	2.1%	0.0%	N/A	N/A

Symbol	Label	Image	QTY	Manufacturer	Catag	Description	Number Lamps	Lamp Output	LLF	Input Power	Polar Plot
○	P1		4	COOPER LIGHTING SOLUTIONS - MCGRAW-EDISON (FORMERLY EATON)	GLEON-SA1A-740-U-DW	GALLEON AREA AND ROADWAY LUMINAIRE (1) 70 CRI, 4000K, 150W LIGHTSQUARE WITH 16 LEDS AND TYPE V WIDE OPTICS	16	321	0.9	68	
□	P2		5	COOPER LIGHTING SOLUTIONS - MCGRAW-EDISON (FORMERLY EATON)	GLEON-SA1A-740-U-T3-HSS	GALLEON AREA AND ROADWAY LUMINAIRE (1) 70 CRI, 4000K, 150W LIGHTSQUARE WITH 16 LEDS AND TYPE III OPTICS WITH HOUSE SIDE SHIELD	16	222	0.9	34	
○	P1-2		0	COOPER LIGHTING SOLUTIONS - MCGRAW-EDISON (FORMERLY EATON)	GLEON-SA1A-740-U-DW	GALLEON AREA AND ROADWAY LUMINAIRE (1) 70 CRI, 4000K, 150W LIGHTSQUARE WITH 16 LEDS AND TYPE V WIDE OPTICS	16	321	0.9	68	

Designer
 Date 11/03/2023
 Scale Not to Scale
 Drawing No.
 Summary
 1 of 1

#	DATE	CHANGE DESCRIPTION

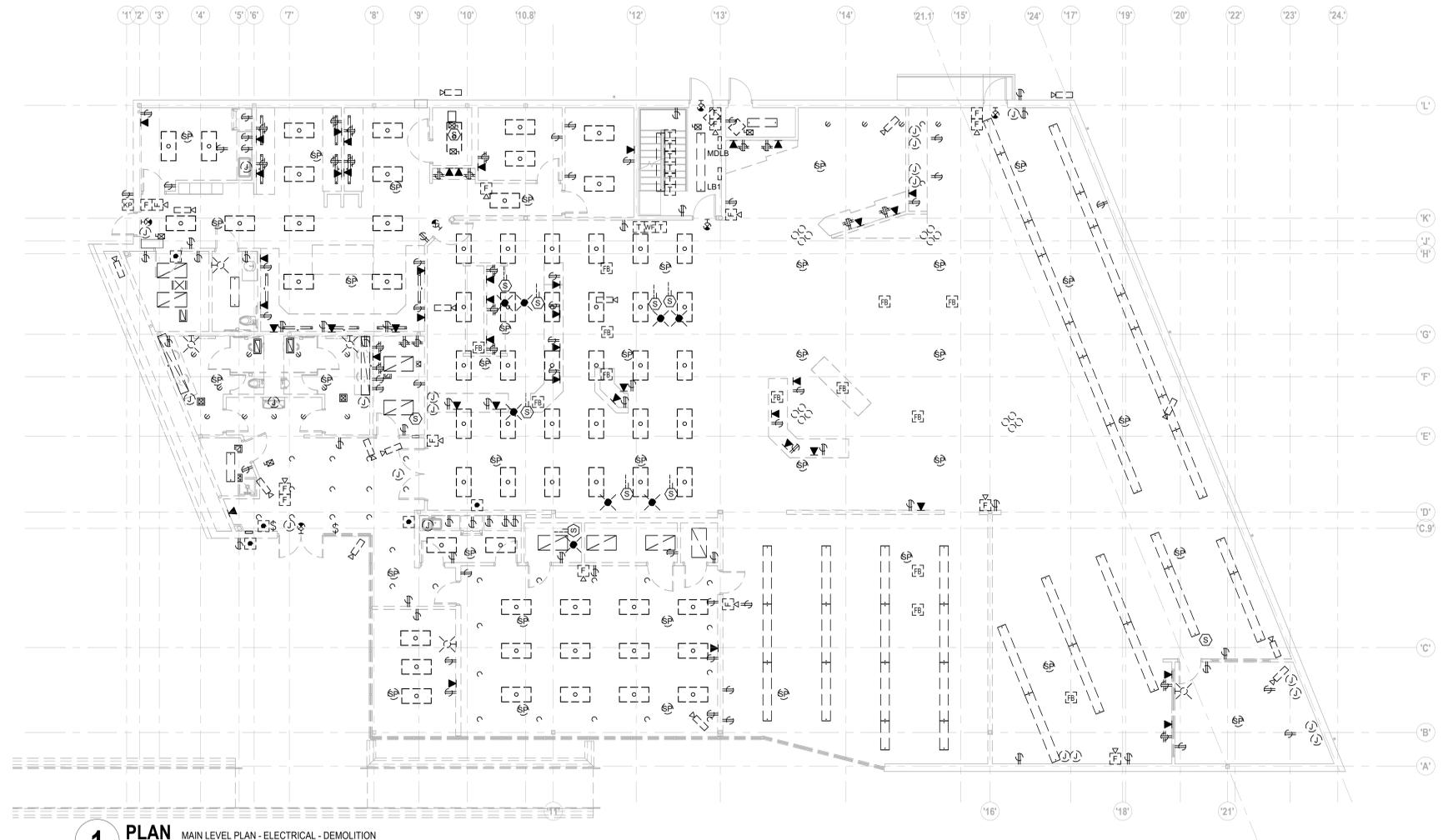
CML LINDEN BRANCH
 2223 CLEVELAND AVE
 COLUMBUS, OH 43211
 FOR
COLUMBUS METROPOLITAN LIBRARY

300 SPRUCE STREET
 SUITE 300
 COLUMBUS, OHIO 43215

PHONE: (614) 461-4664
 FAX: (614) 280-8881

SITE PLAN - LIGHTING CALC

11/21/2023
 DRAWN BY: RB | CHECKED BY: KM
 11/20/2023
 Proj. # 21507
E003a
 PERMIT SET



1 PLAN MAIN LEVEL PLAN - ELECTRICAL - DEMOLITION
1/8" = 1'-0"

GENERAL SHEET NOTES

A. UNLESS SPECIFICALLY SHOWN AS EXISTING-TO-REMAIN, ALL ELECTRICAL DEVICES, FIXTURES, EQUIPMENT, WIRING, AND CONDUIT SHALL BE REMOVED.



#	DATE	CHANGE DESCRIPTION

CML LINDEN BRANCH
2223 CLEVELAND AVE
COLUMBUS, OH 43211
FOR
COLUMBUS METROPOLITAN LIBRARY

MOODY-NOLAN
300 SPRUCE STREET
SUITE 300
COLUMBUS, OHIO 43215
PHONE: (614) 461-4664
FAX: (614) 280-8881

DRAWING TITLE:
MAIN LEVEL PLAN - ELECTRICAL - DEMOLITION

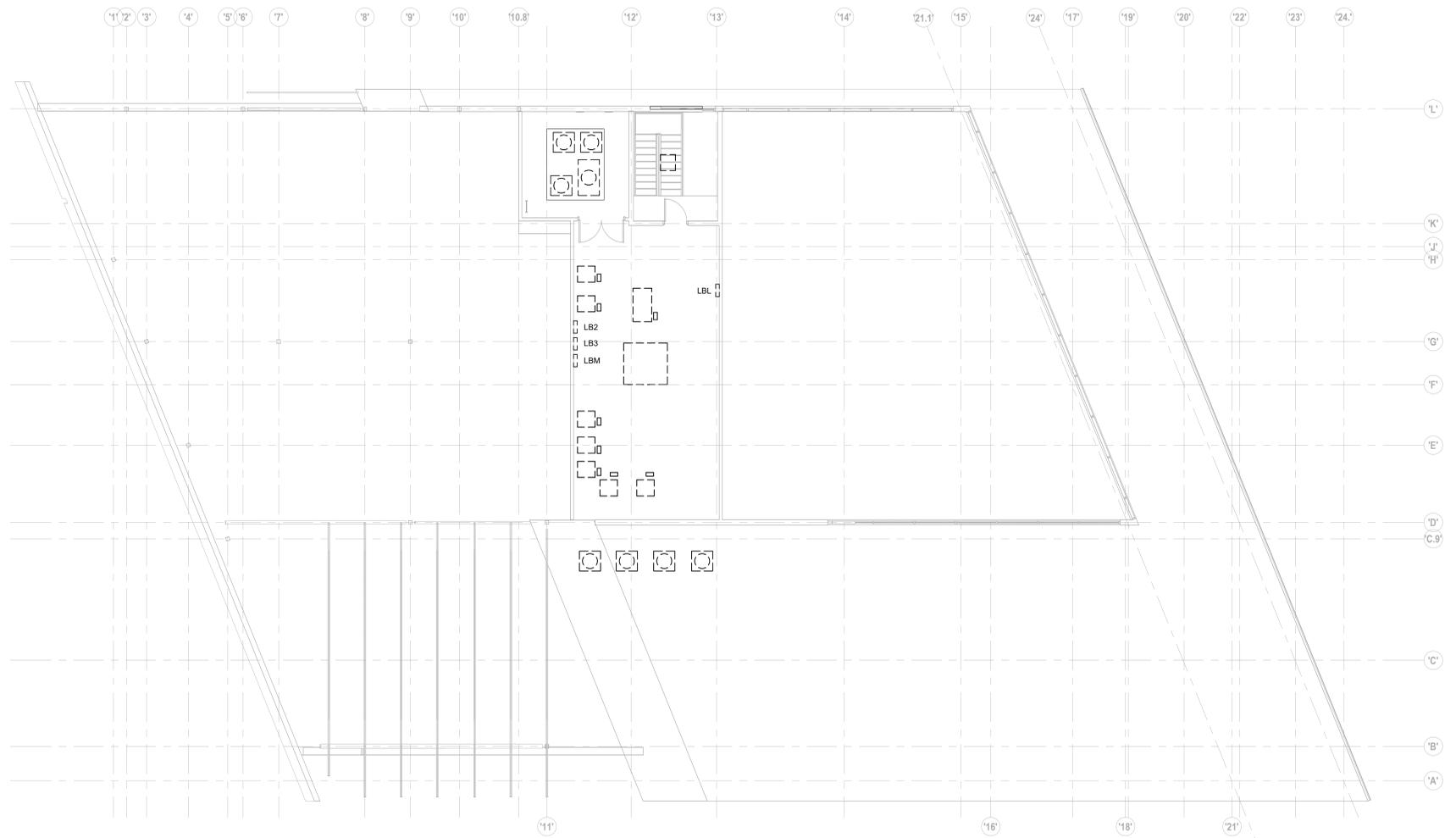


11/21/2023
DRAWN BY: RB CHECKED BY: KM

Proj. # 21507

E011

PERMIT SET



1 PLAN MEZZANINE PLAN - ELECTRICAL - DEMOLITION
1/8" = 1'-0"



GENERAL SHEET NOTES

A. UNLESS SPECIFICALLY SHOWN AS EXISTING-TO-REMAIN, ALL ELECTRICAL DEVICES, FIXTURES, EQUIPMENT, WIRING, AND CONDUIT SHALL BE REMOVED.

#	DATE	CHANGE DESCRIPTION

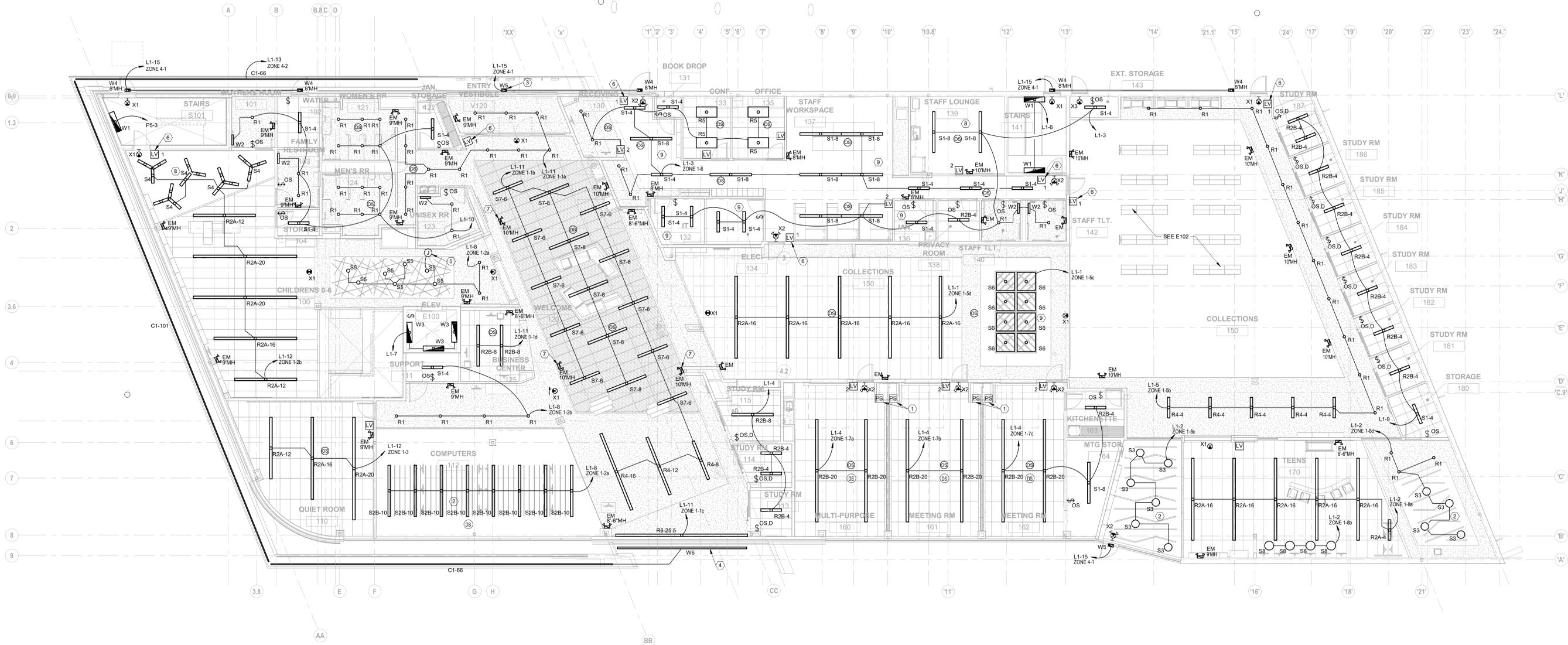
CML LINDEN BRANCH
2223 CLEVELAND AVE
COLUMBUS, OH 43211
FOR
COLUMBUS METROPOLITAN LIBRARY

MOODY-NOLAN
300 SPRUCE STREET
SUITE 300
COLUMBUS, OHIO 43215
PHONE: (614) 461-4664
FAX: (614) 280-8881

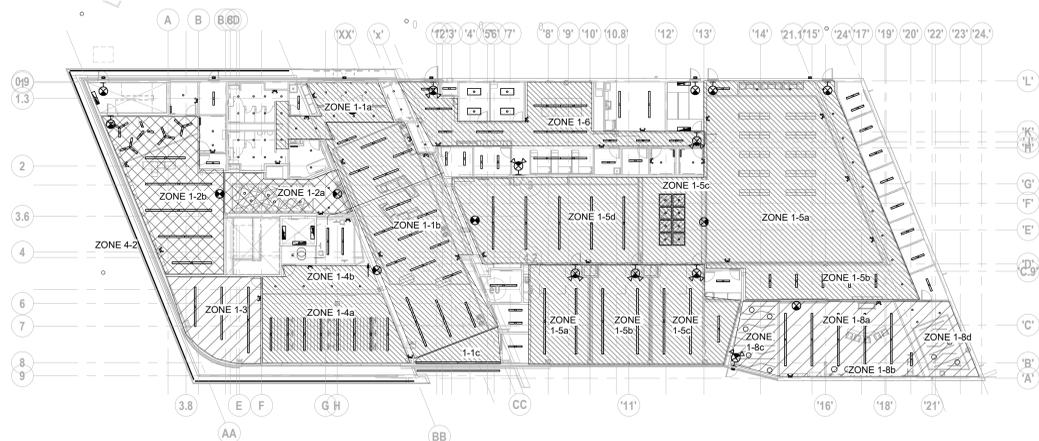
DRAWING TITLE:
**MEZZANINE PLAN -
ELECTRICAL - DEMOLITION**



11/21/2023
DRAWN BY: RB CHECKED BY: KM
Proj. # 21507
E012
PERMIT SET



1 PLAN MAIN LEVEL CEILING PLAN - LIGHTING
1/8" = 1'-0"



2 PLAN MAIN LEVEL ZONE CONTROL
3/16" = 1'-0"

SHEET KEYNOTES

- PARTITION SENSOR, TIE INTO BAS LIGHTING CONTROLLER.
- SUSPEND LUMINAIRES IN THIS SPACE FLUSH TO BOTTOM OF BAFFLE.
- MULLION MOUNTED LUMINAIRE. LOCATE REMOTE BATTERY ABOVE CEILING, PROVIDE ACCESS PANEL AS REQUIRED. LOCATE TEST SWITCH IN ACCESSIBLE LOCATION.
- ARM MOUNTED SIGN LIGHTER, COORDINATE AIMING IN FIELD.
- LIGHTED SHELF, COORDINATE EXACT MOUNTING WITH ARCHITECT PRIOR TO ROUGH-IN.
- LOW VOLTAGE LIGHTING OVERRIDE SWITCH FOR AFTER HOURS.
- MOUNT DEVICE ON FACE OF SOFFIT.
- SUSPEND LUMINAIRES IN THIS SPACE AT 10' AFF.
- SUSPEND LUMINAIRES IN THIS SPACE AT 9' AFF.

GENERAL SHEET NOTES

- COORDINATE EXACT LOCATIONS OF DEVICE AND LUMINAIRES WITH ARCHITECTURAL REFLECTED CEILING PLAN AND HVAC PLANS PRIOR TO ROUGH-IN TO AVOID CONFLICTS.
- EMERGENCY EGRESS LIGHTING AND EXIT SIGNS SHALL BE CONNECTED TO LOCAL LIGHTING CIRCUIT AHEAD OF ANY SWITCHING OR CONTROLS WITH A MINIMUM OF #12 AWG CONDUCTORS.
- PROVIDE ALL MOUNTING HARDWARE PER MANUFACTURER'S WRITTEN INSTRUCTIONS TO SUPPORT LUMINAIRE. CONTRACTOR TO VERIFY MOUNTING HEIGHTS WITH ARCHITECTURAL ELEVATIONS PRIOR TO ROUGH-IN. LUMINAIRES SHALL NOT BE SUPPORTED BY CEILINGS.
- POWER PACKS AND SLAVE PACKS SHALL BE LOCATED WITHIN EACH ROOM ABOVE CEILING ADJACENT TO THE ENTRY DOOR.
- NO SHARED NEUTRALS - EACH CIRCUIT SHALL HAVE A DEDICATED NEUTRAL CONDUCTOR.
- STRAIGHT LINES INDICATE LUMINAIRES CIRCUITED TO COMMON CONTROL AND CIRCUIT. ARC LINES INDICATE A COMMON BRANCH BUT SEPARATE CONTROLS CIRCUIT.
- REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
- UNLESS NOTED OTHERWISE, LUMINAIRES WITH 0-10V DIMMING DRIVERS SHALL HAVE 0-10V DIMMING CONTROLS WIRED TO LIGHTING CONTROL DEVICE, JUNCTION BOX OR POWER PACK, REGARDLESS OF CONTROLS (DIM OR NON DIM) DEFINED.
- UNLESS NOTED OTHERWISE, LIGHTING CONTROLS SHALL SERVE LUMINAIRES IN THE SAME SPACE.
- COORDINATE INSTALLATION OF SUSPENDED LUMINAIRES WITH ACOUSTIC PANELS. REFER TO ARCHITECTURAL PLANS, PROVIDE BLOCKING/JUNCTION BOXES AS REQUIRED TO MOUNT LUMINAIRES AND CEILING DEVICES.
- FIELD COORDINATE ALL SUSPENDED LUMINAIRE MOUNTING WITH CML AND ARCHITECT PRIOR TO ROUGH-IN.
- SUSPENDED CONTROLLERS, DEVICES, MOTION SENSORS, PHOTO CONTROLLERS, ETC. SHALL BE SUSPENDED FLUSH WITH BOTTOM OF LUMINAIRES IN SAME SPACE.

#	DATE	CHANGE DESCRIPTION

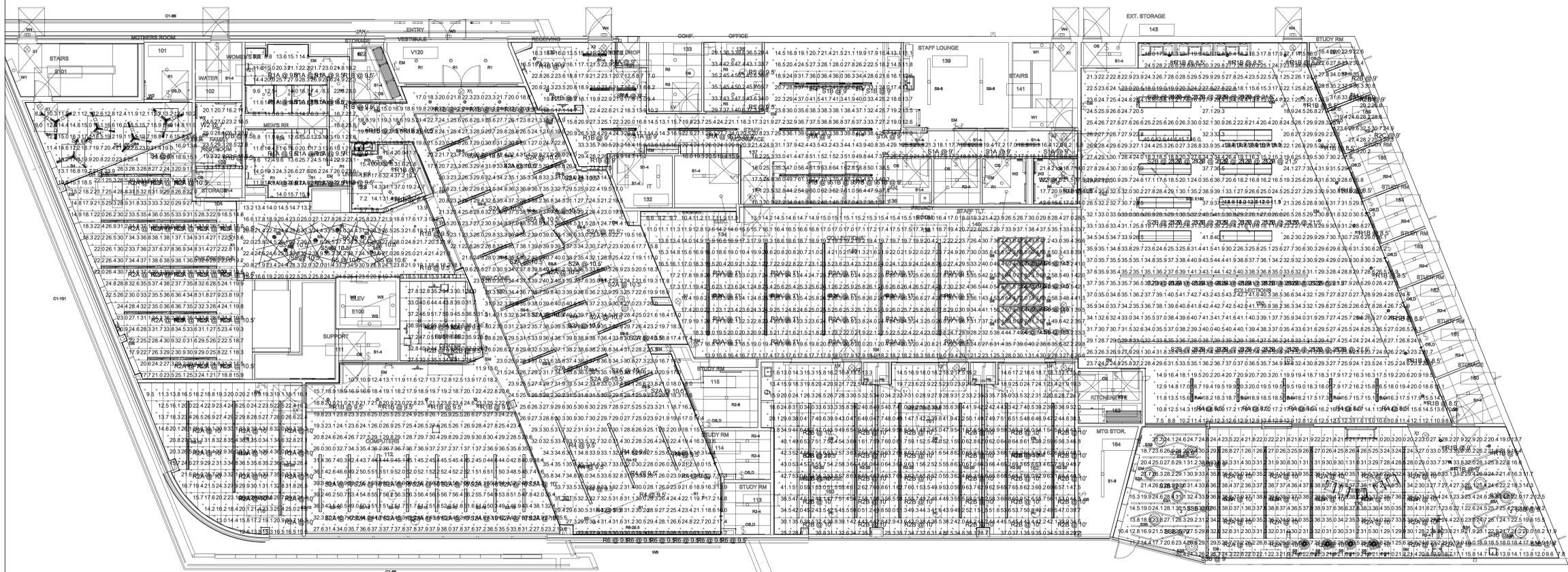
CML LINDEN BRANCH
2223 CLEVELAND AVE
COLUMBUS, OH 43211
FOR
COLUMBUS METROPOLITAN LIBRARY

300 SPRUCE STREET
SUITE 300
COLUMBUS, OHIO 43215
PHONE: (614) 461-4664
FAX: (614) 280-8881

MOODY-NOLAN

DRAWING TITLE:
MAIN LEVEL PLAN - LIGHTING

11/20/2023
DRAWN BY: RB CHECKED BY: KM
Proj. # 21507
E101
PERMIT SET



Plan View - 18" = 1' ft

Symbol	Label	QTY	Manufacturer	Catalog	Description	Number Lamps	Lamp Output	LLF	Input Power	Polar Plot
○	R1A	12	Gotham Architectural Lighting	EV04 40*10 AR WD LS	EV04 40" ROUND DOWNLIGHT, 80 CRI, 4000K, 100LM, WIDE DIST, CLEAR SPECULAR	1	880	0.6	8.8	
○	R1B	38	Gotham Architectural Lighting	EV04 40*10 AR WD LS	EV04 40" ROUND DOWNLIGHT, 80 CRI, 4000K, 100LM, WIDE DIST, CLEAR SPECULAR	1	880	0.9	8.8	
	R2A	73	Focal Point, LLC	FSML-BW-37FLP-3SK-IC-UNV-XXXX-XX-WH-4FT	Seem 4 LED Grid Ceiling	1	1622	0.9	12.9	
	R2B	36	Focal Point, LLC	FSML-BW-62SLF-3SK-IC-UNV-XXXX-XX-WH-4FT	Seem 4 LED Grid Ceiling	1	2721	0.9	21.84	
	R2C	1	Focal Point, LLC	FSML-BW-87SLF-3SK-IC-UNV-XXXX-XX-WH-4FT	Seem 4 LED Grid Ceiling	1	3818	0.9	31.05	
	R4	14	Focal Point, LLC	FSML-BW-37FLP-3SK-IC-UNV-XXXX-XX-WH-4FT	Seem 4 LED Grid Ceiling	1	1622	0.9	12.9	
□	R5	2	COOPER LIGHTING SOLUTIONS - METALUX (FORMERLY EATON)	24PF740C	2X4 FLAT PANEL LED	1	4884	0.9	41.4	

Symbol	Label	QTY	Manufacturer	Catalog	Description	Number Lamps	Lamp Output	LLF	Input Power	Polar Plot
—	R6	6	Focal Point, LLC	FSMHR-XXXFLX-37FLP-3SK-IC-UNV-XXXX-XX-WH-4FT	Seem 2 LED Panel	1	1330	0.9	13.8	
	S1A	10	COOPER LIGHTING SOLUTIONS - METALUX (FORMERLY EATON)	4SLED-LD5-2SLLW-UNV-L849-CD1-U	LED STRIP LIGHT - SMD SERIES 4FOOT	1	2574	0.9	19.3	
	S1B	6	COOPER LIGHTING SOLUTIONS - METALUX (FORMERLY EATON)	4SLED-LD5-4TSLW-UNV-L849-CD1-U	LED STRIP LIGHT - SMD SERIES 4FOOT	1	3056	0.9	42.8	
	S2A	36	Focal Point, LLC	FSMBSL-BW-62SLF-3SK-IC-UNV-XXXX-XX-WH-4FT	Seem 4 LED Suspended	1	2721	0.9	21.84	
	S2B	35	Focal Point, LLC	FSMBSL-BW-87SLF-3SK-IC-UNV-XXXX-XX-WH-4FT	Seem 4 LED Suspended	1	3818	0.9	31.05	
○	S3A	0	PRUDENTIAL LTG.	P4000-LED3S-LO-D1	26-1/4" DIA. X 3" H LED LUMINAIRE DIFFUSED LENS	1	2708	0.9	35	
○	S3B	10	PRUDENTIAL LTG.	P4018-LED3S-LO-D1	18-1/4" DIA. X 3" H LED LUMINAIRE DIFFUSED LENS	1	1389	0.9	19	

Symbol	Label	QTY	Manufacturer	Catalog	Description	Number Lamps	Lamp Output	LLF	Input Power	Polar Plot
□	S4	5	Focal Point	ASMTFEP-4-BWRL-4000K-750LP-3SK-IC-UNV-XXXX-XX-WH-4FT	ASMTFEP-4-BWRL-4000K-750LP-3SK-IC-UNV-XXXX-XX-WH-4FT	1	1397	0.9	13.82	
○	S5	7	COOPER LIGHTING SOLUTIONS - HALO COMMERCIAL (FORMERLY EATON)	HC085100D10SL-HM025840-61WDC	HALO COMMERCIAL 6" ROUND, NEW CONSTRUCTION FRAME, WITH 6" WIDE DISTRIBUTION, SPECULAR TRIM	1	1319	0.9	9.9	
□	S6	8	SAVILITE-TEXAS FLUORESCENTS REVENBERG			1	3024	0.9	28	

Symbol	Avg	Max	Mn	Max/Mn	Avg/Mn
bookcase 2	13.9%	14.8%	11.1%	1.31	1.21
bookcase 6p	44.9%	46.9%	40.8%	1.15	1.11
BUSINESS CENTER 125	35.5%	50.0%	24.0%	2.31	1.61
CHILDRENS 04	18.2%	25.4%	8.2%	3.11	2.01
CHILDRENS 04 100	28.0%	39.5%	13.6%	2.81	2.11
CHILDRENS 04 100 ENTRANCE	24.8%	37.9%	13.1%	3.01	1.91
COLLECTIONS 150	27.4%	44.4%	7.5%	5.91	3.71
Collection 150 lobby	27.4%	75.0%	6.6%	11.41	4.21
COMPUTERS 112	39.9%	69.9%	10.7%	6.31	3.41
Family RR 103	21.2%	29.3%	11.6%	2.51	1.81
Meeting Rooms	44.9%	69.3%	11.6%	6.01	3.91
OFFICE 105	30.1%	40.2%	20.1%	1.71	1.31
Quiet Room 110	29.2%	37.9%	9.5%	3.91	2.71
RR	17.3%	28.3%	6.3%	4.51	2.71
staff R	18.8%	24.5%	12.6%	1.91	1.51
HMF	27.6%	30.4%	5.8%	12.11	4.81
STUDY 186	25.0%	32.5%	19.4%	1.71	1.31
STUDY 187	29.3%	37.9%	16.4%	2.31	1.81
Team 170	27.4%	39.8%	7.8%	5.11	3.51
UNSEXR 123	19.6%	37.2%	4.7%	7.91	4.21
WELCOME 120	28.2%	40.7%	12.4%	3.31	2.31
bookcase	14.5%	18.4%	10.7%	1.71	1.41

1 MAIN LEVEL LIGHTING CALC

Designer
Date 11/08/2023
Scale Not to Scale
Drawing No.
Summary
1 of 1

#	DATE	CHANGE DESCRIPTION

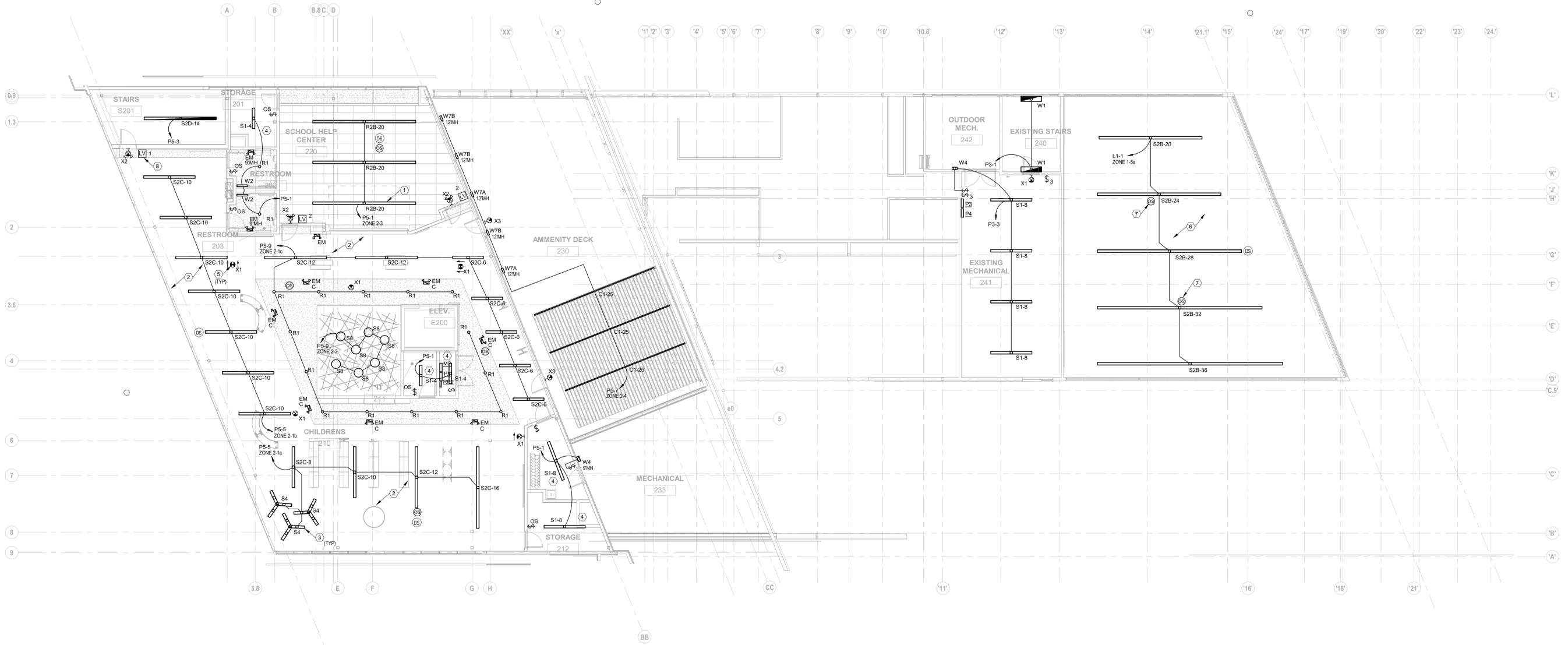
CML LINDEN BRANCH
2223 CLEVELAND AVE
COLUMBUS, OH 43211
FOR
COLUMBUS METROPOLITAN LIBRARY

300 SPRUCE STREET
SUITE 300
COLUMBUS, OHIO 43215
PHONE: (614) 461-4664
FAX: (614) 280-8881

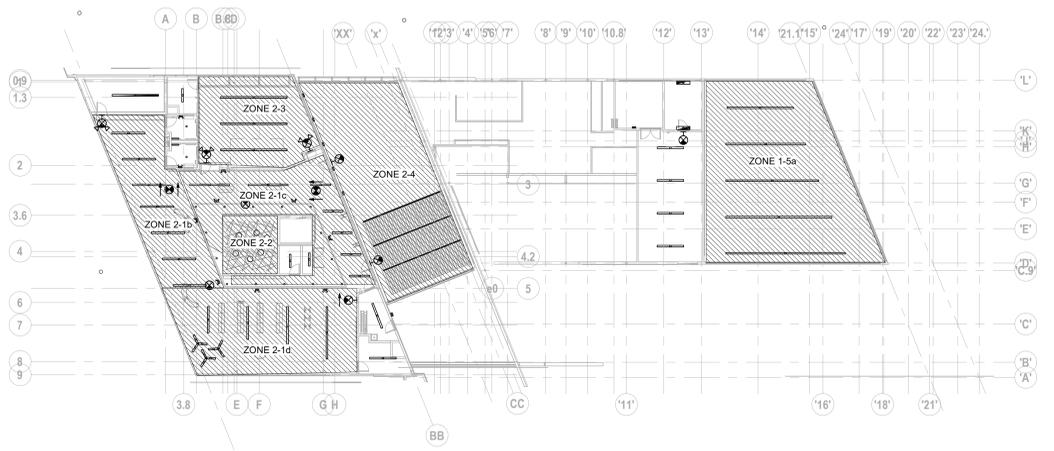
DRIVING TITLE
MAIN LEVEL PLAN - LIGHTING CALC

11/21/2023
DRAWN BY RB CHECKED BY KM
Scale SAIGE
Proj. # 21507
E101a
PERMIT SET





1 PLAN UPPER LEVEL CEILING PLAN - LIGHTING
1/8" = 1'-0"



2 PLAN UPPER LEVEL ZONE CONTROL
3/64" = 1'-0"

SHEET KEYNOTES

1. PROVIDE UNISTRUT SUPPORT ABOVE GARAGE DOOR TO SUPPORT LUMINAIRE.
2. UNLESS NOTED OTHERWISE LUMINAIRES IN THIS SPACE SHALL BE SUSPENDED @ 12' AFF.
3. SUSPEND LUMINAIRE @ 9' AFF.
4. UNLESS NOTED OTHERWISE LUMINAIRES IN THIS SPACE SHALL BE SUSPENDED @ 10' AFF.
5. STEM MOUNT DEVICE FLUSH WITH BOTTOM OF LUMINAIRES IN SAME SPACE. ALL EMERGENCY LIGHTS AND EXIT SIGN SHALL BE SUSPENDED AT EQUAL HEIGHT.
6. UNLESS NOTED OTHERWISE LUMINAIRES IN THIS SPACE SHALL BE SUSPENDED @ 22' AFF.
7. PROVIDE HIGH CEILING RATED MOTION SENSOR.
8. LOW VOLTAGE LIGHTING OVERRIDE SWITCH FOR AFTER HOURS.

GENERAL SHEET NOTES

- A. COORDINATE EXACT LOCATIONS OF DEVICE AND LUMINAIRES WITH ARCHITECTURAL REFLECTED CEILING PLAN AND HVAC PLANS PRIOR TO ROUGH-IN TO AVOID CONFLICTS.
- B. EMERGENCY EGRESS LIGHTING AND EXIT SIGNS SHALL BE CONNECTED TO LOCAL LIGHTING CIRCUIT AHEAD OF ANY SWITCHING OR CONTROLS WITH A MINIMUM OF #12 AWG CONDUCTORS.
- C. PROVIDE ALL MOUNTING HARDWARE PER MANUFACTURER'S WRITTEN INSTRUCTIONS TO SUPPORT LUMINAIRE. CONTRACTOR TO VERIFY MOUNTING HEIGHTS WITH ARCHITECTURAL ELEVATIONS PRIOR TO ROUGH-IN. LUMINAIRES SHALL NOT BE SUPPORTED BY CEILINGS.
- D. POWER PACKS AND SLAVE PACKS SHALL BE LOCATED WITHIN EACH ROOM ABOVE CEILING ADJACENT TO THE ENTRY DOOR.
- E. NO SHARED NEUTRALS - EACH CIRCUIT SHALL HAVE A DEDICATED NEUTRAL CONDUCTOR.
- F. STRAIGHT LINES INDICATE LUMINAIRES CIRCUITED TO COMMON CONTROL AND CIRCUIT. ARC LINES INDICATE A COMMON BRANCH BUT SEPARATE CONTROLS CIRCUIT.
- G. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
- H. UNLESS NOTED OTHERWISE, LUMINAIRES WITH 0-10V DIMMING DRIVERS SHALL HAVE 0-10V DIMMING CONTROLS WIRED TO LIGHTING CONTROL DEVICE, JUNCTION BOX OR POWER PACK, REGARDLESS OF CONTROLS (DIM OR NON DIM) DEFINED.
- I. UNLESS NOTED OTHERWISE, LIGHTING CONTROLS SHALL SERVE LUMINAIRES IN THE SAME SPACE.
- J. COORDINATE INSTALLATION OF SUSPENDED LUMINAIRES WITH ACOUSTIC PANELS. REFER TO ARCHITECTURAL PLANS, PROVIDE BLOCKING/JUNCTION BOXES AS REQUIRED TO MOUNT LUMINAIRES AND CEILING DEVICES.
- K. FIELD COORDINATE ALL SUSPENDED LUMINAIRE MOUNTING WITH CML AND ARCHITECT PRIOR TO ROUGH-IN.
- L. SUSPENDED CONTROLLERS, DEVICES, MOTION SENSORS, PHOTO CONTROLLERS, ETC. SHALL BE SUSPENDED FLUSH WITH BOTTOM OF LUMINAIRES IN SAME SPACE.



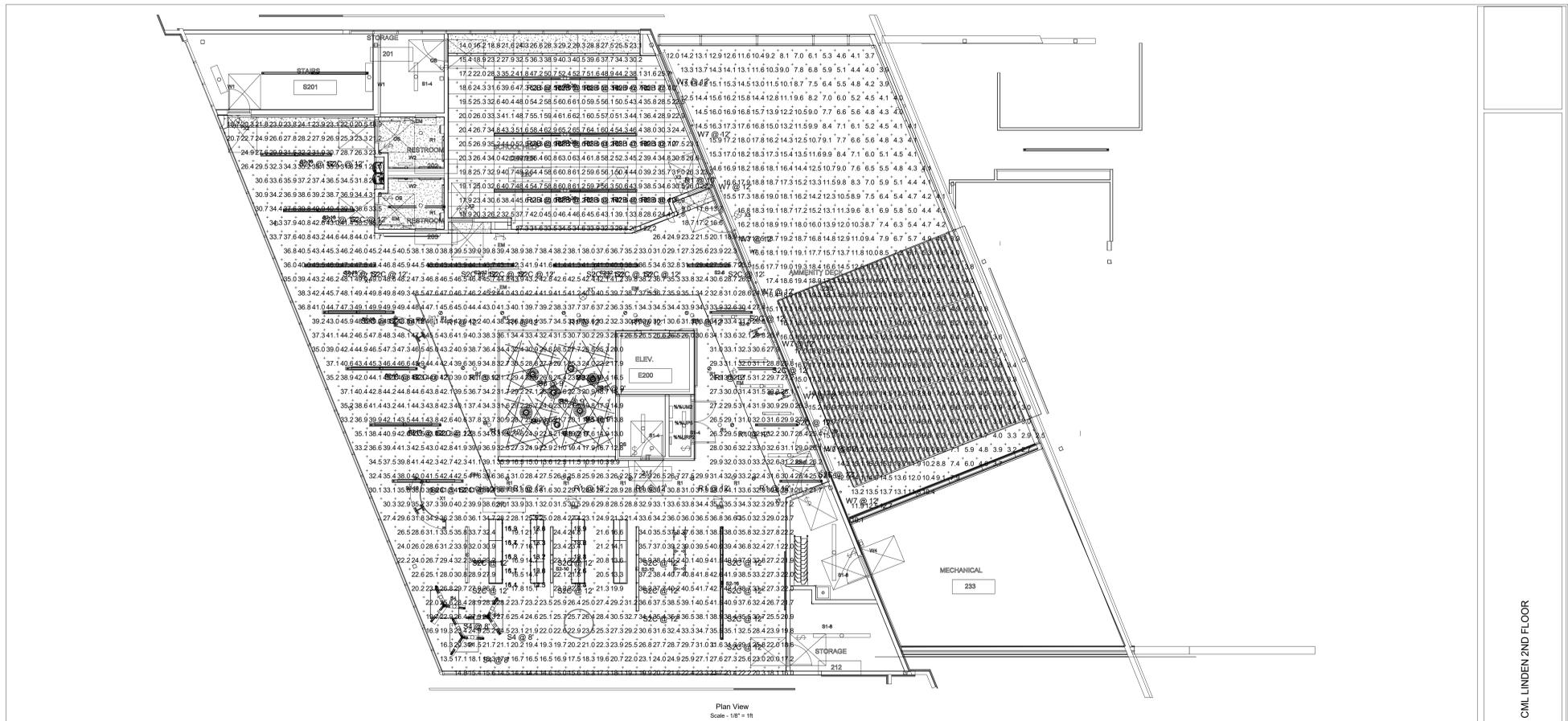
#	DATE	CHANGE DESCRIPTION

CML LINDEN BRANCH
2223 CLEVELAND AVE
COLUMBUS, OH 43211
FOR
COLUMBUS METROPOLITAN LIBRARY

300 SPRUCE STREET
SUITE 300
COLUMBUS, OHIO 43215
PHONE: (614) 461-4664
FAX: (614) 280-8881

MOODY-NOLAN
DRAWING TITLE:
UPPER LEVEL PLAN - LIGHTING

11/21/2023
DRAWN BY: RB CHECKED BY: KM
11/20/2023
Proj. # 21507
E102
PERMIT SET



Symbol	Label	Image	QTY	Manufacturer	Catalog	Number	LLF	Description	Lamp Output	Input Power	Polar Plot
	R1		15	Gotham Architectural Lighting	EVO4 4010 AR WD LS	1	0.9	EVO 4IN ROUND DOWNLIGHT, 80 CRI, 4000K, 1000LM, WIDE DIST. CLEAR SPECULAR	800	8.9	
	R2B		15	Focal Point, LLC	FSMML-BW-625LF-35K-1C-UNV-XXX-XX-XX-WH-4FT	1	0.9	Seem 4 LED Grid Ceiling	2721	21.84	
	S2C		36	Focal Point, LLC	FSMMLS-BW-1000LF-35K-1C-UNV-XXX-XX-XX-WH-4FT	1	0.9	Seem 4 LED Suspended	4345	35.54	
	S4		3	Focal Point	ASMT1BP-4-BWRL-xx-600DN-750UP-35K-1C-UNV-Lux-xxx	1	0.9	ASMT1BP-4-BWRL-xx-600DN-750UP-35K-1C-UNV-Lux-xxx	1397	13.82	
	S8		7	Signify		1	0.9		800	9	

Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
BOOKCASE 1	+	15.3 fc	18.6 fc	12.3 fc	1.5:1	1.2:1
BOOKCASE 2	+	14.0 fc	16.8 fc	11.1 fc	1.5:1	1.3:1
BOOKCASE 3	+	15.5 fc	18.2 fc	12.4 fc	1.5:1	1.3:1
CHILDRENS ZIO	+	39.1 fc	49.9 fc	30.6 fc	5.5:1	3.8:1
SCHOOL HELP 220	+	40.4 fc	66.6 fc	14.0 fc	4.8:1	2.9:1
AMMUNITY DECK 230	+	11.0 fc	19.4 fc	2.5 fc	7.8:1	4.4:1

Designer
 Date
 11/08/2023
 Scale
 Not to Scale
 Drawing No.
 Summary
 1 of 1

1 UPPER LEVEL LIGHTING CALC
 NTS

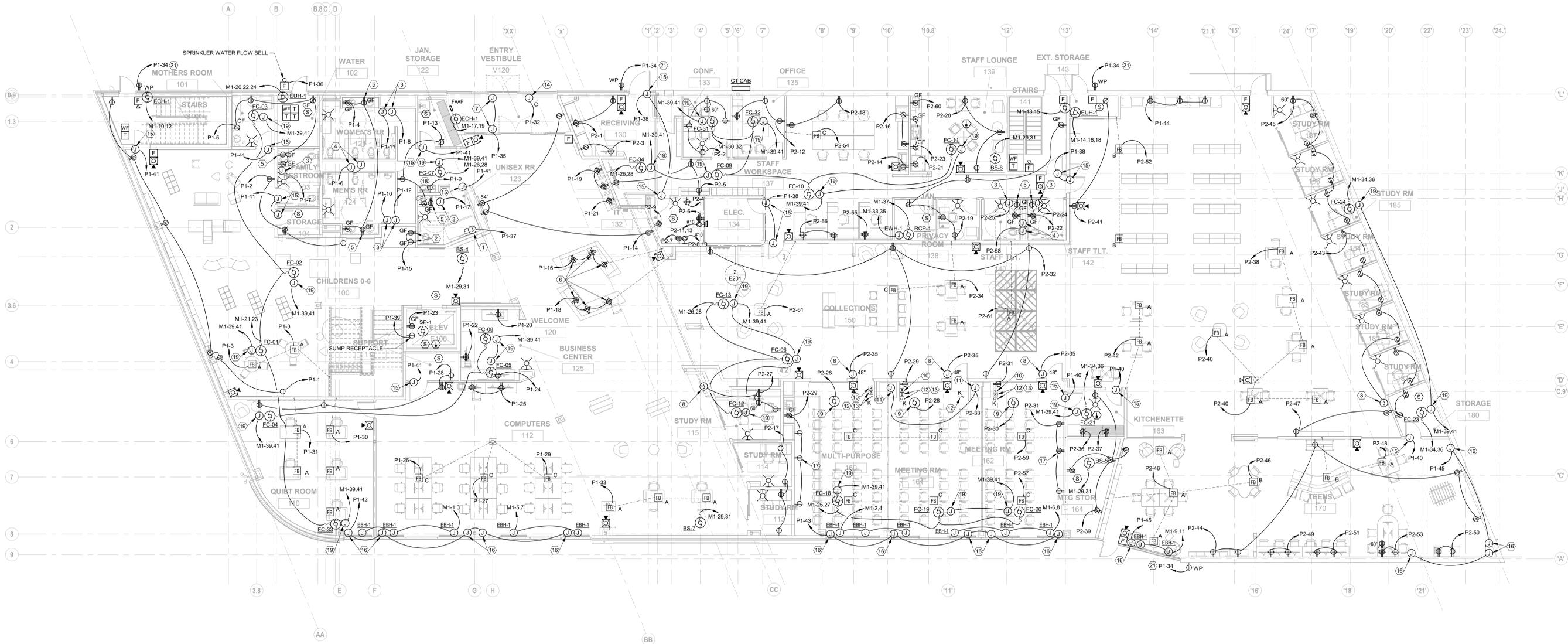
#	DATE	CHANGE DESCRIPTION

CML LINDEN BRANCH
 2223 CLEVELAND AVE
 COLUMBUS, OH 43211
 FOR
COLUMBUS METROPOLITAN LIBRARY

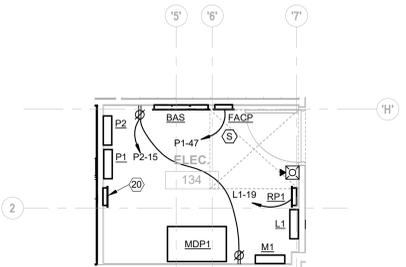
MOODY-NOLAN
 300 SPRUCE STREET
 SUITE 300
 COLUMBUS, OHIO 43215
 PHONE: (614) 461-4664
 FAX: (614) 280-8881

DRAWING TITLE:
UPPER LEVEL PLAN - LIGHTING CALC

11/21/2023
 DRAWN BY: RB | CHECKED BY: KM
 Proj. # 21507
E102a
 PERMIT SET



1 PLAN MAIN LEVEL PLAN - POWER
1/8" = 1'-0"



2 PLAN ENLARGED PLAN - ELECTRICAL 134
1/4" = 1'-0"

SHEET KEYNOTES

- ADULT CHANGING STATION. PROVIDE WALL SWITCH FOR POWER SHUT OFF. REFER TO MANUFACTURER INSTRUCTION FOR SWITCH AND ESTOP LOCATION. MAKE FINAL CONNECTIONS.
- RECEPTACLES FOR FISH TANK AUTOMATIC FEEDER AND LIGHT LOCATED IN CAVITY ABOVE TANK. REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT LOCATION.
- HAND DRYER, 120V 1PH. COORDINATE MOUNTING HEIGHT WITH ARCHITECT.
- FLUSH VALVE LOW VOLTAGE TRANSFORMER POWER CONNECTION. EXTEND LOW VOLTAGE WIRING TO EACH FLUSH VALVE AND FAUCET. COORDINATE WITH PLUMBING
- POWER CONNECTION FOR AUTOMATIC FAUCET.
- RECEPTACLES MOUNTED IN CASEWORK.
- PROVIDE POWER CONNECTION TO AUTOMATIC DOOR OPERATOR. MAKE FINAL CONNECTIONS TO PUSH BUTTONS.
- JUNCTION BOX FOR POWER CONNECTION TO ROOM SCHEDULER. PROVIDE 1/2" CONDUIT STUBBED UP 3" ABOVE ACCESSIBLE CEILING.
- OVERHEAD DOOR OPERATOR. SIDE MOUNT ON WALL AT 120" A.F.F. PROVIDE LOW VOLTAGE CABLE WITH #24 AWG MINIMUM IN 1/2" CONDUIT TO SAFETY SENSORS AT LOWER EDGES OF DOOR. REFER TO ARCHITECTURAL SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
- WALL MOUNTED OVERHEAD DOOR CONTROLLER PROVIDED BY DOOR SUPPLIER AND INSTALLED BY E.C. MAKE FINAL CONNECTIONS TO DOOR OPERATOR.
- PROVIDE POWER CONNECTION TO MOTORIZED MOVABLE PARTITION (208V, 3PH) AND CONTROLS. MAKE FINAL CONNECTIONS TO CONTROLS AS INDICATED IN CODED NOTES 12 AND 13. FIELD VERIFY EXACT REQUIREMENTS WITH VENDOR PRIOR TO ROUGH-IN.
- PUSH BUTTON SWITCH FOR MOTORIZED MOVABLE PARTITION FOR SAFETY OPERATIONS.
- KEY SWITCH FOR MOTORIZED MOVABLE PARTITION TO ACTIVATE THE SYSTEM. MOUNT AT 42" A.F.F. NEXT TO PUSH BUTTON SWITCH AS INDICATED IN CODED NOTE 12.
- POWER CONNECTION FOR ANTI THEFT AND PEOPLE COUNTING DEVICES.
- JUNCTION BOX FOR POWER CONNECTION TO DOOR HARDWARE POWER SUPPLY.
- PROVIDE POWER CONNECTION TO MOTORIZED SHADE AND WIRE TO SWITCH (BY SHADE MANUFACTURER). PROVIDE #18 AWG TWISTED PAIR CONDUCTORS TO BAS PANEL SYSTEM/LOCAL CONTROL AS REQUIRED. COORDINATE SWITCH LOCATIONS WITH OWNER PRIOR TO ROUGH-IN.
- RECEPTACLE FOR PROJECTOR AND PROJECTOR SCREEN. COORDINATE MOUNTING HEIGHT/LOCATION WITH OWNER PRIOR TO ROUGH-IN.
- CIRCUIT TO GFI BREAKER.
- BIPOLAR IONIZATION 208V 1P 14W.

SHEET KEYNOTES

- PROVIDE CONTACTOR PANEL FOR BAS CONTROL OF EXTERIOR BUILDING MOUNTED RECEPTACLES. (4 POLE, ELECTRICALLY HELD, 24V COIL). RECEPTACLES SHALL BE TURNED OFF AT END OF BUSINESS EACH DAY.
- EXTERIOR RECEPTACLE SHALL BE WIRED THROUGH CONTACTOR PANEL FOR BAS CONTROL.

GENERAL SHEET NOTES

- ALL RECEPTACLES LOCATED WITHIN GENERAL PUBLIC ACCESS SHALL BE TAMPER RESISTANT TYPE.
- COORDINATE ALL ROUGH-IN REQUIREMENTS AND EQUIPMENT LOCATIONS WITH ARCHITECTURAL DRAWINGS AND SPECIFICATIONS.
- UNLESS NOTED OTHERWISE, ALL CABLING SHALL BE IN CONDUIT ROUTED PARALLEL AND TIGHT TO BUILDING STRUCTURE.
- PROVIDE FINAL CONNECTIONS TO ALL EQUIPMENT SHOWN PER MANUFACTURER'S PUBLISHED INSTRUCTION.
- ALL EXTERIOR CONNECTIONS AND DEVICES SHALL BE LISTED WEATHER RESISTANT AND WATER TIGHT.
- COORDINATE DEVICE COLOR SELECTIONS WITH ARCHITECT/OWNER.

#	DATE	CHANGE DESCRIPTION

CML LINDEN BRANCH
2223 CLEVELAND AVE
COLUMBUS, OH 43211
FOR
COLUMBUS METROPOLITAN LIBRARY

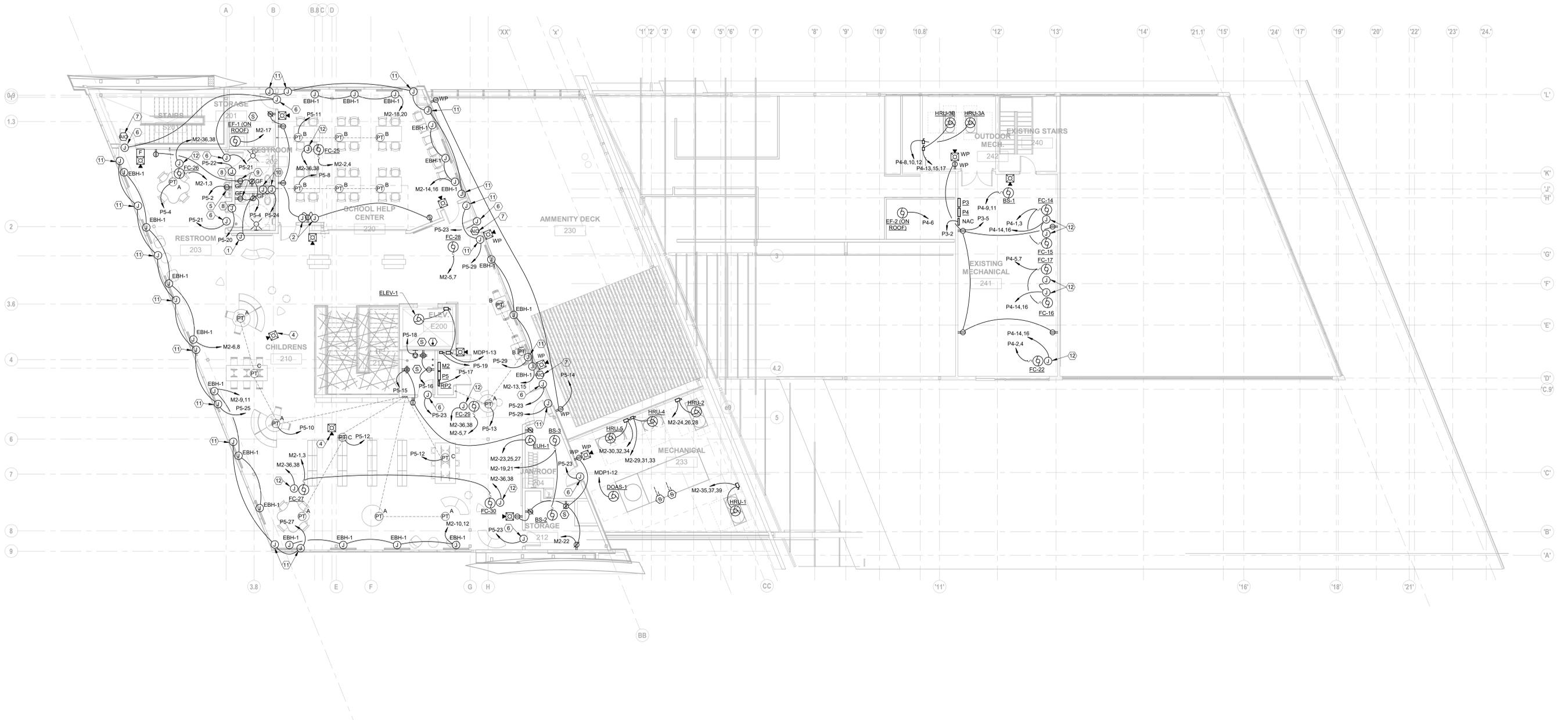
300 SPRUCE STREET
SUITE 300
COLUMBUS, OHIO 43215

PHONE: (614) 461-4664
FAX: (614) 280-8881

MOODY-NOLAN

DRAWING TITLE:
MAIN LEVEL PLAN - POWER

11/21/2023
DRAWN BY: RB CHECKED BY: KM
Proj. # 21507
E201
PERMIT SET



1 PLAN UPPER LEVEL PLAN - POWER
1/8" = 1'-0"

SHEET KEYNOTES

- POWER CONNECTION TO EVERBRIGHT WALL. COORDINATE EXACT REQUIREMENTS WITH ARCHITECT PRIOR TO ROUGH-IN.
- JUNCTION BOX FOR POWER CONNECTION TO ROOM SCHEDULER. PROVIDE 1/2" CONDUIT STUBBED UP 3" ABOVE ACCESSIBLE CEILING.
- ELEVATOR CAB LIGHTING DISCONNECT. 30A-1PH. CIRCUITED TO A GF CIRCUIT BREAKER.
- CEILING MOUNT DEVICE.
- CIRCUIT TO GFI BREAKER.
- JUNCTION BOX FOR POWER CONNECTION TO DOOR HARDWARE POWER SUPPLY.
- FIRE ALARM ADDRESSABLE MODULE TO RELEASE ACCESS CONTROL UPON FIRE ALARM ACTIVATION.
- HAND DRYER, 120V 1PH. COORDINATE MOUNTING HEIGHT WITH ARCHITECT.
- AUTOMATIC FAUCET.
- FLUSH VALVE LOW VOLTAGE TRANSFORMER POWER CONNECTION. EXTEND LOW VOLTAGE WIRING TO EACH FLUSH VALVE AND FAUCET, COORDINATE WITH PLUMBING.
- PROVIDE POWER CONNECTION TO MOTORIZED SHADE AND WIRE TO SWITCH (BY SHADE MANUFACTURER). PROVIDE #18 AWG TWISTED PAIR CONDUCTORS TO BAS PANEL SYSTEM/LOCAL CONTROL AS REQUIRED. COORDINATE SWITCH LOCATIONS WITH OWNER PRIOR TO ROUGH-IN.
- BIPOLAR IONIZATION 208V 1P 14W.

GENERAL SHEET NOTES

- ALL RECEPTACLES LOCATED WITH GENERAL PUBLIC ACCESS SHALL BE TAMPER RESISTANT TYPE.
- COORDINATE ALL ROUGH-IN REQUIREMENTS AND EQUIPMENT LOCATIONS WITH ARCHITECTURAL DRAWINGS AND SPECIFICATIONS.
- UNLESS NOTED OTHERWISE, ALL CABLING SHALL BE IN CONDUIT ROUTED PARALLEL AND TIGHT TO BUILDING STRUCTURE.
- PROVIDE FINAL CONNECTIONS TO ALL EQUIPMENT SHOWN PER MANUFACTURER'S PUBLISHED INSTRUCTION.
- ALL EXTERIOR CONNECTIONS AND DEVICES SHALL BE LISTED WEATHER RESISTANT AND WATER TIGHT.
- COORDINATE DEVICE COLOR SELECTIONS WITH ARCHITECT/OWNER.

#	DATE	CHANGE DESCRIPTION

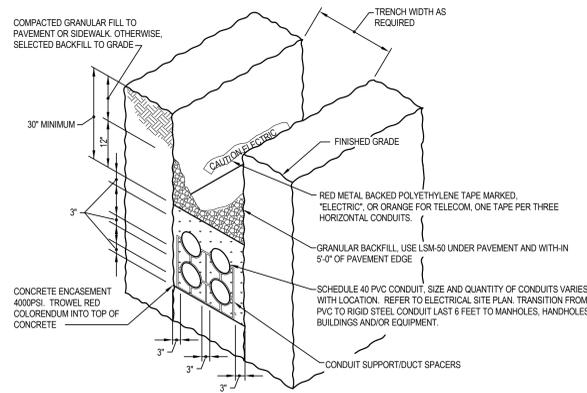
CML LINDEN BRANCH
2223 CLEVELAND AVE
COLUMBUS, OH 43211
FOR
COLUMBUS METROPOLITAN LIBRARY

300 SPRUCE STREET
SUITE 300
COLUMBUS, OHIO 43215
PHONE: (614) 461-4664
FAX: (614) 280-8881

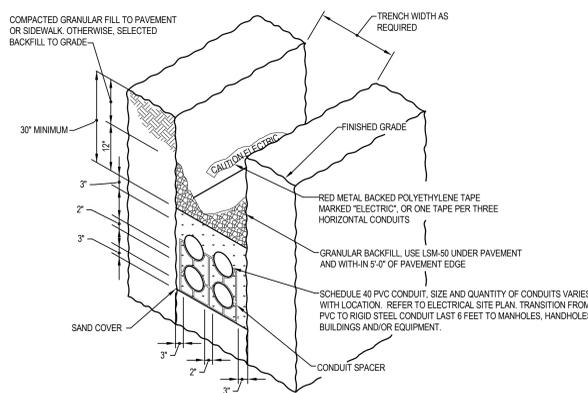
MOODY-NOLAN

UPPER LEVEL PLAN - POWER

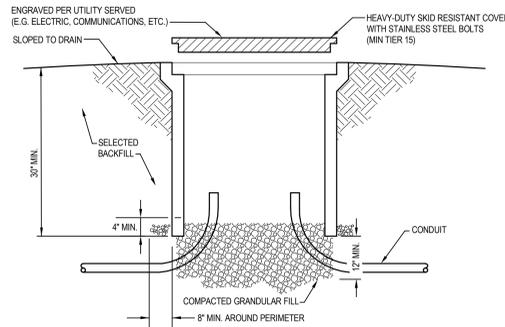
11/21/2023
DRAWN BY: RB CHECKED BY: KM
Proj. # 21507
E202
PERMIT SET



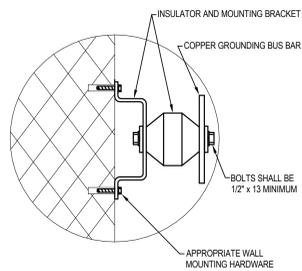
1 **DETAIL** DETAIL - CONCRETE ENCASED DUCTBANK
NTS



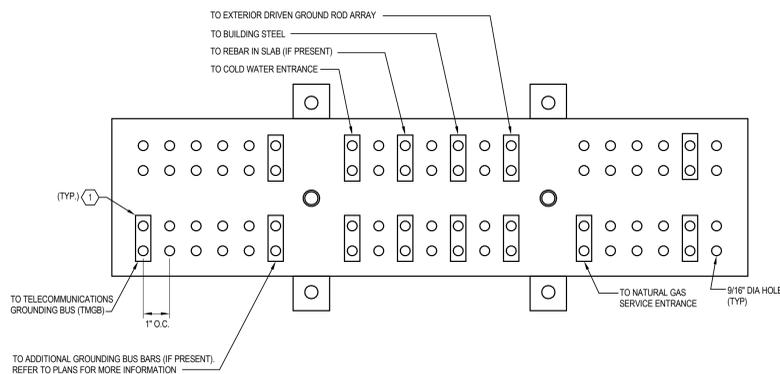
2 **DETAIL** DETAIL - DIRECT BURIED CONDUIT
NTS



3 **DETAIL** DETAIL - PULL BOX
NTS



4 **DETAIL** DETAIL - BUS BAR MOUNTING
NTS



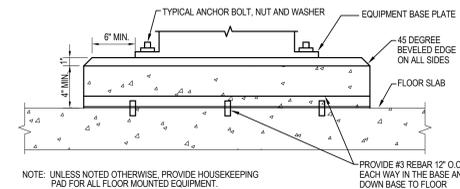
5 **DETAIL** DETAIL - ELECTRIC MAIN GROUND BUS BAR
NTS

DETAIL GENERAL NOTES:

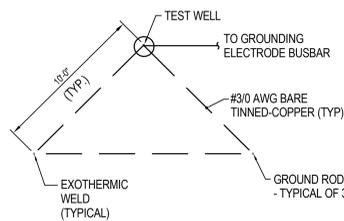
- A. MINIMUM REQUIRED SIZE OF BUS SHALL BE 6"x24"x0.25". PROVIDE LARGER SIZE AS REQUIRED. ALL CONNECTIONS MAY NOT BE EXPLICITLY SHOWN.
- B. GROUND BAR SHALL BE SOLID COPPER.
- C. ALL CONNECTIONS TO GROUND BAR WILL BE WITH 3/8" DIA. LUGS, 1/2" DIA. BOLTS WITH LOCK WASHERS ON THE BACK, AND BELLVILLE WASHERS ON THE FRONT SIDE.

DETAIL CODED NOTES:

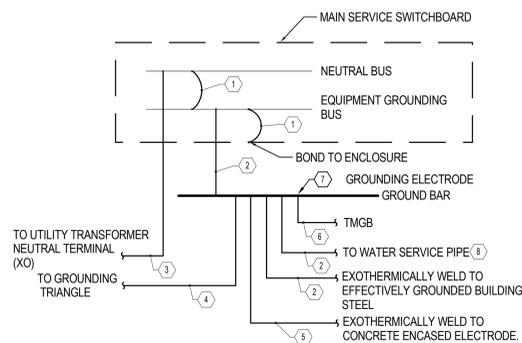
- 1. ALL GROUND WIRING CONNECTING TO GROUNDING BUS BAR SHALL BE MINIMUM #3/0 AWG UNLESS NOTED OTHERWISE.



6 **DETAIL** DETAIL - INTERIOR EQUIPMENT HOUSEKEEPING PAD
NTS



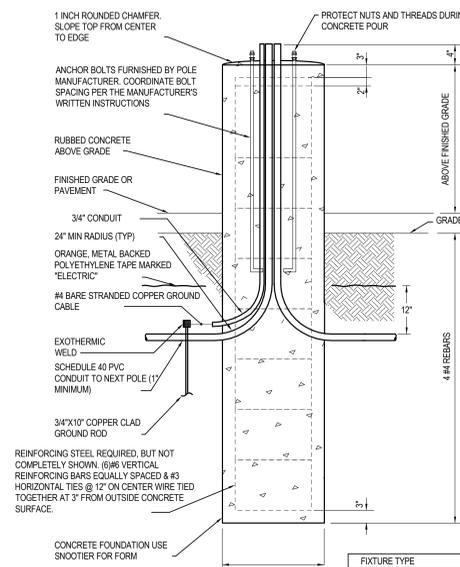
7 **DETAIL** DETAIL - GROUND TRIANGLE
NTS



8 **DETAIL** DETAIL - SYSTEM GROUNDING
NTS

CODED NOTES:

- 1. MAIN BONDING JUMPER: PROVIDED AS PART OF LISTED AND LABELED SERVICE EQUIPMENT.
- 2. GROUNDING ELECTRODE CONDUCTOR: #3/0 AWG COPPER.
- 3. GROUNDED (NEUTRAL) CONDUCTOR: (REFER TO DISTRIBUTION ONE-LINE FOR SIZE).
- 4. SUPPLEMENTAL GROUNDING ELECTRODE BONDING JUMPER CONDUCTOR: #3/0 AWG COPPER.
- 5. GROUND ELECTRODE SYSTEM BONDING JUMPER CONDUCTOR: #3/0 AWG COPPER.
- 6. BONDING CONDUCTOR FOR TELECOMMUNICATIONS: 3/0 AWG STRANDED COPPER WITH GREEN INSULATION.
- 7. PROVIDE UL 467 LISTED CONNECTIONS (TYPICAL).
- 8. PROVIDE #3/0 BOND ACROSS WATER METER.



9 **DETAIL** DETAIL - POLE BASE
NTS

FIXTURE TYPE	X	Y	Z
PIA, P2	6"	54"	24"
PIB	36"	54"	24"

ADJUST POLE HEIGHTS PER DIMENSION "X" ON

#	DATE	CHANGE DESCRIPTION

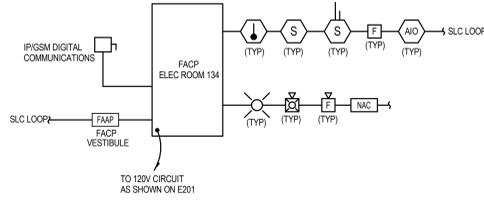
CML LINDEN BRANCH
2223 CLEVELAND AVE
COLUMBUS, OH 43211
FOR
COLUMBUS METROPOLITAN LIBRARY

300 SPRUCE STREET
SUITE 300
COLUMBUS, OHIO 43215
PHONE: (614) 461-4664
FAX: (614) 280-8881

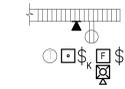
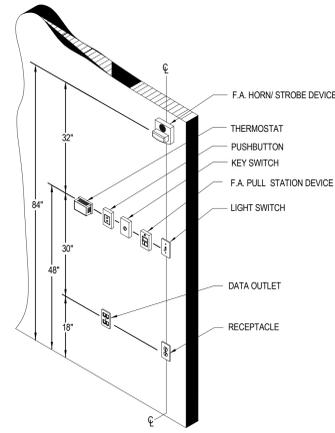
DRAWING TITLE:

DETAILS - ELECTRICAL

11/21/2023
DRAWN BY: RB | CHECKED BY: KM
11/20/2023
Proj. # 21507
E501
PERMIT SET



1 DETAIL - FIRE ALARM RISER
NTS



- NOTES:**
1. DEVICES SHOWN STACKED ALONG WALLS FALL IN THE ORDER OF LOWEST (CLOSEST TO WALL) TO HIGHEST (FURTHEST FROM WALL)
 2. HEIGHTS SHOWN ARE TYPICAL UNLESS OTHERWISE NOTED ELSEWHERE ON DRAWINGS, SPECS OR IDENTIFIED IN APPLICABLE CODES.
 3. VERTICAL DIMENSIONS ARE TO CENTER OF DEVICE.

2 DETAIL - WALL DEVICE ORIENTATION
NTS

#	DATE	CHANGE DESCRIPTION

CML LINDEN BRANCH
2223 CLEVELAND AVE
COLUMBUS, OH 43211
FOR
COLUMBUS METROPOLITAN LIBRARY

MOODY-NOLAN
300 SPRUCE STREET
SUITE 300
COLUMBUS, OHIO 43215
PHONE: (614) 461-4664
FAX: (614) 280-8881

DRAWING TITLE:
DETAILS - ELECTRICAL

	11/21/2023
	DRAWN BY: RB CHECKED BY: KM
	Proj. # 21507
E502	
PERMIT SET	

LUMINAIRE SCHEDULE

TYPE	DIMENSIONS	MOUNTING	CONSTRUCTION AND FINISH	DESCRIPTION AND OPTIONS	LAMPS	DRIVER(S)	VOLTAGE/L OAD	APPROVED MANUFACTURER(S)
C1-25	1" X 25'	SURFACE	EXTRUDED ALUMINUM HOUSING	CHANNEL MOUNTED TAPE IP67 WET LISTED	INTEGRAL LED 4000K 300LU/FT	REMOTE	2.4W/FT	KLUS EXTRUSION 45-ALU ACOLYTE LUMINII
C1-66	1" X 66'	SURFACE	EXTRUDED ALUMINUM HOUSING	CHANNEL MOUNTED TAPE IP67 WET LISTED	INTEGRAL LED 4000K 300LU/FT	REMOTE	2.4W/FT	KLUS EXTRUSION 45-ALU ACOLYTE LUMINII
C1-101	1" X 101'	SURFACE	EXTRUDED ALUMINUM HOUSING	CHANNEL MOUNTED TAPE IP67 WET LISTED	INTEGRAL LED 4000K	REMOTE	2.4W/FT	KLUS EXTRUSION 45-ALU ACOLYTE LUMINII
EM	5" X 14" 2" DEEP	SURFACE/WALL	THERMOPLASTIC	DUAL HEAD EMERGENCY LIGHT 90 MINUTE NICAD BATTERY	INTEGRAL LED	N/A	120/277V 3W	SURE-LITES SEL25 CHLORIDE DUALLITE
G1	6" DIA 11" DEEP	IN GRADE	MARINE GRADE 6060 ALUMINUM, DIE CAST AND EXTRUDED	IN GRADE FLAG LIGHT ANTI SLIP LENS, ANI GLARE LOUVRE, IP67 RATED	INTEGRAL LED 4000K 3300 LUMENS	INTEGRAL 0-10V	120/277V 24W	WE-EF ETC330-FS LED HADCO LIGMAN KIM
P1A	25" X 23"	POLE MOUNTED	DIE CAST ALUMINUM 18" 6" SQUARE ALUM POLE -188" WALL THICK	DUAL HEAD AREA LIGHT TYPE 5 DISTRIBUTION, INTEGRAL WIRELESS CONTROLS, INTEGRAL MOTION SENSOR, DIM TO 50% WHEN UNOCCUPIED	INTEGRAL LED 4000K 4800LU/HEAD	INTEGRAL 0-10V	120/277V 68W	MC GRAW GLEON-SA1A-740-U-5WQ-X-FF-20K-BPC -SPB2-ZW GARDCO BEACON
P1B	25" X 23"	POLE MOUNTED	DIE CAST ALUMINUM 15" 8" SQUARE ALUM POLE -188" WALL THICK	DUAL HEAD AREA LIGHT TYPE 5 DISTRIBUTION, INTEGRAL WIRELESS CONTROLS, INTEGRAL MOTION SENSOR, DIM TO 50% WHEN UNOCCUPIED	INTEGRAL LED 4000K 4800LU/HEAD	INTEGRAL 0-10V	120/277V 68W	MC GRAW GLEON-SA1A-740-U-5WQ-X-FF-20K-BPC
P2	25" X 23"	POLE MOUNTED	DIE CAST ALUMINUM 18" 4" SQUARE ALUM POLE -188" WALL THICK	AREA LIGHT TYPE 5 DISTRIBUTION, INTEGRAL WIRELESS CONTROLS, INTEGRAL MOTION SENSOR, DIM TO 50% WHEN UNOCCUPIED	INTEGRAL LED 4000K 4800LU	INTEGRAL 0-10V	120/277V 33W	MC GRAW GLEON-SA1A-740-U-3-X-FF-20K-BPC-SP B2-ZW GARDCO BEACON
R1	4" DIA	RECESSED GRID/GYP	STEEL HOUSING	DOWN LIGHT	INTEGRAL LED 4000K 1500 LUMENS	INTEGRAL 0-10V	120/277V 9W	LIGHTOLIER 4RN-P4R-DL-15-940-M-CL-Z101-U PRESCOLITE HALO
R2A-4	4" X 4" 4" DEEP	RECESSED GRID	EXTRUDED ALUMINUM HOUSING, ACRYLIC LENS	RECESSED LINEAR BATWING DISTRIBUTION	INTEGRAL LED 4000K 875LU/FT	INTEGRAL 0-10V	120/277V 32W	FOCALPOINT F5M4L-BW-375-40-1C-UNV-LD1-GX-X-4' LEDALITE FINELITE
R2A-12	4" X 12" 4" DEEP	RECESSED GRID	EXTRUDED ALUMINUM HOUSING, ACRYLIC LENS	RECESSED LINEAR BATWING DISTRIBUTION	INTEGRAL LED 4000K 875LU/FT	INTEGRAL 0-10V	120/277V 39W	FOCALPOINT F5M4L-BW-375-40-1C-UNV-LD1-GX-X-12' LEDALITE FINELITE
R2A-16	4" X 16" 4" DEEP	RECESSED GRID	EXTRUDED ALUMINUM HOUSING, ACRYLIC LENS	RECESSED LINEAR BATWING DISTRIBUTION	INTEGRAL LED 4000K 875LU/FT	INTEGRAL 0-10V	120/277V 52W	FOCALPOINT F5M4L-BW-375-40-1C-UNV-LD1-GX-X-16' LEDALITE FINELITE
R2A-20	4" X 20" 4" DEEP	RECESSED GRID	EXTRUDED ALUMINUM HOUSING, ACRYLIC LENS	RECESSED LINEAR BATWING DISTRIBUTION	INTEGRAL LED 4000K 875LU/FT	INTEGRAL 0-10V	120/277V 65W	FOCALPOINT F5M4L-BW-375-40-1C-UNV-LD1-GX-X-20' LEDALITE FINELITE
R2B-4	4" X 4" 4" DEEP	RECESSED GRID	EXTRUDED ALUMINUM HOUSING, ACRYLIC LENS	RECESSED LINEAR BATWING DISTRIBUTION	INTEGRAL LED 4000K 625LU/FT	INTEGRAL 0-10V	120/277V 22W	FOCALPOINT F5M4L-BW-625LF-40-1C-UNV-LD1-GX-X-4' LEDALITE FINELITE
R2B-8	4" X 4" 4" DEEP	RECESSED GRID	EXTRUDED ALUMINUM HOUSING, ACRYLIC LENS	RECESSED LINEAR BATWING DISTRIBUTION	INTEGRAL LED 4000K 625LU/FT	INTEGRAL 0-10V	120/277V 44W	FOCALPOINT F5M4L-BW-625LF-40-1C-UNV-LD1-GX-X-4' LEDALITE FINELITE
R2B-20	4" X 20" 4" DEEP	RECESSED GRID	EXTRUDED ALUMINUM HOUSING, ACRYLIC LENS	RECESSED LINEAR	INTEGRAL LED 4000K 625LU/FT	INTEGRAL 0-10V	120/277V 115W	FOCALPOINT F5M4L-BW-625LF-40-1C-UNV-LD1-GX-X-20' LEDALITE FINELITE
R4-4	4" X 4" 4" DEEP	RECESSED GYP	EXTRUDED ALUMINUM HOUSING, ACRYLIC LENS	RECESSED LINEAR BATWING DISTRIBUTION	INTEGRAL LED 4000K 875LU/FT	INTEGRAL 0-10V	120/277V 14W	FOCALPOINT F5M4L-BW-375-40-1C-UNV-LD1-TF-X-4' LEDALITE FINELITE
R4-8	4" X 8" 4" DEEP	RECESSED GYP	EXTRUDED ALUMINUM HOUSING, ACRYLIC LENS	RECESSED LINEAR	INTEGRAL LED 4000K XXL/FT	INTEGRAL 0-10V	120/277V 28W	FOCALPOINT F5M4L-BW-375-40-1C-UNV-LD1-TF-X-8' LEDALITE FINELITE
R4-12	4" X 12" 4" DEEP	RECESSED GYP	EXTRUDED ALUMINUM HOUSING, ACRYLIC LENS	RECESSED LINEAR	INTEGRAL LED 4000K XXL/FT	INTEGRAL 0-10V	120/277V 39W	FOCALPOINT F5M4L-BW-375-40-1C-UNV-LD1-TF-X-12' LEDALITE FINELITE
R4-16	4" X 16" 4" DEEP	RECESSED GYP	EXTRUDED ALUMINUM HOUSING, ACRYLIC LENS	RECESSED LINEAR	INTEGRAL LED 4000K XXL/FT	INTEGRAL 0-10V	120/277V 52W	FOCALPOINT F5M4L-BW-375-40-1C-UNV-LD1-TF-X-16' LEDALITE FINELITE
R5	2' X 4'	RECESSED GRID	ALUMINUM BEZEL STEEL BACKPLATE	RECESSED TROFFER	INTEGRAL LED 4000K 4700 LUMENS	INTEGRAL 0-10V	120/277V 41W	METALUX 24FP4740C DAYBRITE COLUMBIA
R6-25.5	4" X 26'	RECESSED GYP	EXTRUDED ALUMINUM HOUSING, ACRYLIC LENS	RECESSED LINEAR PERIMETER WALL WASH 2.5" REGRESSED LENS	INTEGRAL LED 4000K 375LU/FT	INTEGRAL 0-10V	120/277V 90W	FOCALPOINT F5M4PR-ALH-FL2-375LF-40K-1C-UNV-LD1-TF-X-25X' LEDALITE FINELITE
S1-4	3" X 4" 4" DEEP	SUSPENDED CHAIN/CABLE	STEEL HOUSING	LENSED INDUSTRIAL	INTEGRAL LED 4000K 6000LU	INTEGRAL 0-10V	120/277V 55W	METALUX 4SNLED-LD5-58SL-LW-UNV-6840-CD1-U DAYBRITE COLUMBIA
S1-8	3" X 8" 4" DEEP	SUSPENDED CHAIN/CABLE	STEEL HOUSING	LENSED INDUSTRIAL FROSTED LENS	INTEGRAL LED 4000K 8400LU	INTEGRAL 0-10V	120/277V 69W	METALUX 8T5NLED-LD5-81SL-LW-L840-CD1-U DAYBRITE COLUMBIA
S2B-10	4" X 10" 4" DEEP	SUSPENDED/CABLE	EXTRUDED ALUMINUM HOUSING, ACRYLIC LENS	SUSPENDED LINEAR DIRECT BATWING DISTRIBUTION	INTEGRAL LED 4000K 875LU/FT	INTEGRAL 0-10V	120/277V 80W	FOCALPOINT F5M4LS-BW-875-40K-1C-UNV-LD1-CXX-X-8' LEDALITE LITECONTROL
S2B-20	4" X 20" 4" DEEP	SUSPENDED/CABLE	EXTRUDED ALUMINUM HOUSING, ACRYLIC LENS	SUSPENDED LINEAR DIRECT BATWING DISTRIBUTION	INTEGRAL LED 4000K 875LU/FT	INTEGRAL 0-10V	120/277V 160W	FOCALPOINT F5M4LS-BW-875-40K-1C-UNV-LD1-CXX-X-20' LEDALITE LITECONTROL
S2B-24	4" X 24" 4" DEEP	SUSPENDED/CABLE	EXTRUDED ALUMINUM HOUSING, ACRYLIC LENS	SUSPENDED LINEAR DIRECT BATWING DISTRIBUTION	INTEGRAL LED 4000K 875LU/FT	INTEGRAL 0-10V	120/277V 192W	FOCALPOINT F5M4LS-BW-875-40K-1C-UNV-LD1-CXX-X-24' LEDALITE LITECONTROL
S2B-28	4" X 28" 4" DEEP	SUSPENDED/CABLE	EXTRUDED ALUMINUM HOUSING, ACRYLIC LENS	SUSPENDED LINEAR DIRECT BATWING DISTRIBUTION	INTEGRAL LED 4000K 875LU/FT	INTEGRAL 0-10V	120/277V 224W	FOCALPOINT F5M4LS-BW-875-40K-1C-UNV-LD1-CXX-X-28' LEDALITE LITECONTROL
S2B-32	4" X 32" 4" DEEP	SUSPENDED/CABLE	EXTRUDED ALUMINUM HOUSING, ACRYLIC LENS	SUSPENDED LINEAR DIRECT BATWING DISTRIBUTION	INTEGRAL LED 4000K 875LU/FT	INTEGRAL 0-10V	120/277V 256W	FOCALPOINT F5M4LS-BW-875-40K-1C-UNV-LD1-CXX-X-32' LEDALITE LITECONTROL

LUMINAIRE SCHEDULE

TYPE	DIMENSIONS	MOUNTING	CONSTRUCTION AND FINISH	DESCRIPTION AND OPTIONS	LAMPS	DRIVER(S)	VOLTAGE/L OAD	APPROVED MANUFACTURER(S)
S2C-6	4" X 6" 4" DEEP	SUSPENDED/CABLE	EXTRUDED ALUMINUM HOUSING, ACRYLIC LENS	SUSPENDED LINEAR DIRECT BATWING DISTRIBUTION	INTEGRAL LED 4000K 1000LU/FT	INTEGRAL 0-10V	120/277V 55W	FOCALPOINT F5M4LS-BW-1000-40K-1C-UNV-LD1-CX-X-X-6' LEDALITE LITECONTROL
S2C-8	4" X 8" 4" DEEP	SUSPENDED/CABLE	EXTRUDED ALUMINUM HOUSING, ACRYLIC LENS	SUSPENDED LINEAR DIRECT BATWING DISTRIBUTION	INTEGRAL LED 4000K 1000LU/FT	INTEGRAL 0-10V	120/277V 74W	FOCALPOINT F5M4LS-BW-1000-40K-1C-UNV-LD1-CX-X-X-8' LEDALITE LITECONTROL
S2C-10	4" X 10" 4" DEEP	SUSPENDED/CABLE	EXTRUDED ALUMINUM HOUSING, ACRYLIC LENS	SUSPENDED LINEAR DIRECT BATWING DISTRIBUTION	INTEGRAL LED 4000K 1000LU/FT	INTEGRAL 0-10V	120/277V 92.5W	FOCALPOINT F5M4LS-BW-1000-40K-1C-UNV-LD1-CX-X-X-10' LEDALITE LITECONTROL
S2C-12	4" X 12" 4" DEEP	SUSPENDED/CABLE	EXTRUDED ALUMINUM HOUSING, ACRYLIC LENS	SUSPENDED LINEAR DIRECT BATWING DISTRIBUTION	INTEGRAL LED 4000K 1000LU/FT	INTEGRAL 0-10V	120/277V 111W	FOCALPOINT F5M4LS-BW-1000-40K-1C-UNV-LD1-CX-X-X-12' LEDALITE LITECONTROL
S2C-16	4" X 16" 4" DEEP	SUSPENDED/CABLE	EXTRUDED ALUMINUM HOUSING, ACRYLIC LENS	SUSPENDED LINEAR DIRECT BATWING DISTRIBUTION	INTEGRAL LED 4000K 1000LU/FT	INTEGRAL 0-10V	120/277V 148W	FOCALPOINT F5M4LS-BW-1000-40K-1C-UNV-LD1-CX-X-X-16' LEDALITE LITECONTROL
S2D-14	4" X 14" 4.5" DEEP	SUSPENDED	EXTRUDED ALUMINUM HOUSING, ACRYLIC LENS	SUSPENDED LINEAR DIRECT BATWING DISTRIBUTION, INTEGRAL MOTION SENSOR, INTEGRAL EM BATTERY	INTEGRAL LED 4000K 875LU/FT	INTEGRAL 0-10V	120/277V 112W	FOCALPOINT F5M4LS-BW-875LF-40K-1C-UNV-ENL1-FX-EM-X-14' LEDALITE LITECONTROL
S3	18" DIA	SUSPENDED/MONOPOINT	EXTRUDED ALUMINUM SIDE WALL, ACRYLIC LENS	PENDANT FLAT WHITE LENS	INTEGRAL LED 4000K 1400LU	INTEGRAL 0-10V	120/277V 19W	PRUDENTIAL P4000 SKY P4018-LED4-LO-FWA-X-D1-SC-UNV-MP CAX-X-DM01 ARANCIA IMPACT LIGHTING
S4	4" DIAMETER WITH 8" HEIGHT	SUSPENDED	ACOUSTIC PANEL AND CORD COLOR BY ARCHITECT	ACOUSTIC Y SHAPED PENDANT DIRECT ONLY, REGRESS LENS	INTEGRAL LED 4000K 1800 LUMENS	INTEGRAL 0-10V DIMMING	120/277V 14W	FOCALPOINT SEEM 1 ACOUSTIC TRIO ASM1TBP-4-DCRL-600DN-750UP-40K-1 C-UNV-LD1-XX-XX-8" LUXBOX ARANCIA
S5	6" DIA 14" HIGH	SUSPENDED PENDANT	SPUN ALUMINUM HOUSING	CYLINDER STEM KIT	INTEGRAL LED 4000K 1000LU	INTEGRAL 0-10V	120/277V 10W	HALO HCC6S-15-D010-XX-HCC8PXX PRESCOLITE
S6	48" SQUARE 11" DEEP	SUSPENDED	ACOUSTIC PANEL AND CORD COLOR BY ARCHITECT	ACOUSTIC SQUARE SHAPED DIRECT ONLY, FLUSH LENS	INTEGRAL LED 4000K 900 LUMENS	INTEGRAL 0-10V DIMMING	120/277V 10W	FRASCH WAFL BAFL BARBICAN LUXBOX FOCAL POINT
S7-6	4" X 6" 4" DEEP	SUSPENDED/CABLE	EXTRUDED ALUMINUM HOUSING, ACRYLIC LENS	SUSPENDED LINEAR DIRECT BATWING DISTRIBUTION	INTEGRAL LED 4000K 800LU/FT	INTEGRAL 0-10V	120/277V 48W	AXIS LIGHTING SL3-800-80-40-WDC-X-UNV-DP-UWB-6 XAL PANO EXTANT FOCAL POINT
S7-8	4" X 8" 4" DEEP	SUSPENDED/CABLE	EXTRUDED ALUMINUM HOUSING, ACRYLIC LENS	SUSPENDED LINEAR DIRECT BATWING DISTRIBUTION	INTEGRAL LED 4000K 800LU/FT	INTEGRAL 0-10V	120/277V 64W	AXIS LIGHTING SL3-800-80-40-WDC-X-UNV-DP-UWB-8 XAL PANO EXTANT FOCAL POINT
S8	21" DIA 21" HIGH	SUSPENDED	STEEL HOUSING, RESIN WHITE OPAL DIFFUSER	DECORATIVE PENDANT	(1) A19 (BY EC) 4000K 800LU	N/A	120V 10W	LIGHTART BEVEL COL-CON-BEVE-21H-X-9W-STD-X-X ARANCIA OCL TMS
W1	3" X 4" 3"	SURFACE	18 GA STEEL HOUSING AND END CAPS, EXTRUDED POLYCARBONATE LENS	STAIR LIGHT INTEGRAL MOTION SENSOR, DIM TO 20% WHEN UNOCCUPIED, INTEGRAL 90 MINUTE BATTERY BACKUP	INTEGRAL LED 4000K 4700LU	INTEGRAL 0-10V	120/277V 43W	FAIL-SAFE FVSL24-LD4-HI-40-UNV-O-ED01-OS1-E L110W-X VISCOR KENALL
W2	2" X 24" 3.5" DEEP	SURFACE/WALL	STEEL HOUSING, ACRYLIC DIFFUSER	VANITY LIGHT	INTEGRAL LED 4000K 1800LU	INTEGRAL NON DIMMING	120V 16W	BROWNLEE FLOW-RD-5160-24-XX-H16-EC1-40 CAMMAN SCOTT
W3	7" X 4" 6" DEEP	SURFACE/WALL	FIBERGLASS HOUSING HIGH IMPACT LENS	VAPORTIGHT WET LISTED, STAINLESS HARDWARE, INTEGRAL 90 MINUTE BATTERY BACKUP	INTEGRAL LED 4000K 6000LU	INTEGRAL 0-10V	120/277V 51W	METALUX 4V2-LD5-6-DR-UNV-EL10W-L840-CD1-WL-SSL DAYBRITE COLUMBIA
W4	5" X 8" 3" DEEP	SURFACE/WALL	WELDED ALUMINUM	EGRESS EXTERIOR WALL PACK WET LISTED, TYPE 4 DISTRIBUTION, INTEGRAL 90 MINUTE BATTERY BACKUP	INTEGRAL LED 4000K 1200LU	INTEGRAL 0-10V	120/277V 14W	BROWNLEE 7075-08-XX-C13-40K-BB GARDCO BEGA
W5	2.5" X 10" 2.5" DEEP	MULLION/WALL	EXTRUDED ALUMINUM HOUSING	MULLION MOUNTED EMERGENCY LIGHT WET LISTED, REMOTE 90 MINUTE BATTERY	INTEGRAL LED 4000K 800LU	N/A	120/277V 10W	MULE EU-E-88-10-XX-W BARRON LIGHTING EXITRONIX NF5 SIGNTX LSL
W6	3" X 25" 4" DEEP	WALL/STEM 18" ARM	EXTRUDED ALUMINUM HOUSING DIE CAST END CAPS	ARM MOUNTED SIGN LIGHTER WET LISTED, ADJUSTABLE HEAD	INTEGRAL LED 4000K 1000LU/FT	INTEGRAL 0-10V	120/277V 7.6W/FT	PINNACLE MW-HE-40-25X-WH-18"-U-FSD-1-0-X ELLIPTIPAR SSL
W7A	8" X 12" 8" DEEP	SURFACE/WALL	DIE CAST ALUMINUM HOUSING	WALL PACK WET LISTED, TYPE 4 DISTRIBUTION, INTEGRAL 90 MINUTE BATTERY BACKUP	INTEGRAL LED 4000K 4100LU	INTEGRAL 0-10V	120/277V 24W	GARDCO GWM-A07-840-T4M-UNV-X-EC BRACON MC GRAW
W7B	8" X 12" 8" DEEP	SURFACE/WALL	DIE CAST ALUMINUM HOUSING	WALL PACK WET LISTED, TYPE 4 DISTRIBUTION	INTEGRAL LED 4000K 4100LU	INTEGRAL 0-10V	120/277V 24W	GARDCO GWM-A07-840-T4M-UNV-X BRACON MC GRAW
X1	13" X 11" 2" DEEP	UNIVERSAL MOUNT	ALUMINUM HOUSING	EDGE LIT EXIT MIRROR BACK AS REQUIRED, 90 MINUTE EMERGENCY BATTERY, CHEVRONS AS INDICATED ON PLANS	INTEGRAL LED	N/A	120/277V 2W	SURELITES EU-S-7-0-R CHLORIDE COMPASS
X2	9" X 13" 2" DEEP	UNIVERSAL MOUNT	THERMOPLASTIC	COMBO EXIT/EMERGENCY LIGHT INTEGRAL 90 MINUTE BATTERY BACKUP	INTEGRAL LED	N/A	120/277V 2W	MULE AL-U-R-WW-SD CHLORIDE DUALLITE LSL
X3	9" X 13" 3" DEEP	WALL MOUNT	POLYCARBONATE HOUSING	WEATHERPROOF EXIT SIGN INTEGRAL 90 MINUTE BATTERY BACKUP	INTEGRAL LED	N/A	120/277V 2W	SURELITES LPXW-7-1-R-SD CHLORIDE COMPASS

ALL FINISHES BY ARCHITECT.

ALL LINEAR FIXTURES DIMENSIONS ARE DIAGRAMMATICAL AND SHALL BE VERIFIED WITH ARCHITECTURAL PLANS. PROVIDE DIMENSIONAL DRAWINGS.

#	DATE	CHANGE DESCRIPTION

CML LINDEN BRANCH
2223 CLEVELAND AVE
COLUMBUS, OH 43211
FOR
COLUMBUS METROPOLITAN LIBRARY

300 SPRUCE STREET
SUITE 300
COLUMBUS, OHIO 43215

PHONE: (614) 461-4664
FAX: (614) 280-8881

DRAWING TITLE:
SCHEDULES - ELECTRICAL

11/21/2023
DRAWN BY: RB CHECKED BY: KM
Proj. # 21507
E601
PERMIT SET

LIGHTING ROOM CONTROLS								
ROOM NO.	DESCRIPTION	TARGET-FOOTCANDLE	TARGET HEIGHT	AVG/MIN	CONTROL SOURCE	CONTROL TYPE	CONTROL ZONE	REMARKS
100	VESTIBULE	15	0"	2:1	BAS	TC	ZONE 1-2a,b	TIME CONTROL WITH ON/OFF SWITCH FOR AFTER HOURS OVERRIDE a:TIME CONTROL WITH ON/OFF SWITCH FOR AFTER HOURS OVERRIDE/DAYLIGHT HARVESTING (DAYLIGHT MIN 20% TRIM)
101	MOTHERS	15	30"	2:1	LOCAL	OS/DM	LOCAL	AUTO 50% ON/AUTO OFF
104	STORAGE	10	0"	3:1	LOCAL	OS	LOCAL	MANUAL ON/AUTO OFF
110	QUIET ROOM	30	30"	3:1	BAS	TC/LS/DS	ZONE1-3	TIME CONTROL WITH ON/OFF SWITCH FOR AFTER HOURS OVERRIDE/BAS DIMMING
112	COMPUTERS	30	30"	3:1	BAS	TC/LS/DS	ZONE1-4a,b,c	TIME CONTROL WITH ON/OFF SWITCH FOR AFTER HOURS OVERRIDE/BAS DIMMING
120	WELCOME	50	30"	2:1	BAS	TC/LS	ZONE 1-1a,b,c	TIME CONTROL WITH ON/OFF SWITCH FOR AFTER HOURS OVERRIDE a:TIME CONTROL WITH ON/OFF SWITCH FOR AFTER HOURS OVERRIDE/DAYLIGHT HARVESTING (DAYLIGHT MIN 20% TRIM)
121 & 124	MEN & WOMEN	15	30"	2:1	LOCAL	OS-DT	LOCAL	AUTO ON/AUTO OFF
122	JANITOR	10	0"	3:1	LOCAL	OS	LOCAL	MANUAL ON/AUTO OFF
125	BUSINESS CENTER	50	30"	2:1	BAS	TC/LS	ZONE 1-1d	TIME CONTROL WITH ON/OFF SWITCH FOR AFTER HOURS OVERRIDE
EL100	ELEVATOR	10	0"	3:1	LOCAL	OS	LOCAL	MANUAL ON/AUTO OFF
113	STUDY ROOM	50	30"	3:1	LOCAL	OS-DT/DM	LOCAL	AUTO 50% ON/AUTO OFF
114	STUDY ROOM	50	30"	3:1	LOCAL	OS-DT/DM	LOCAL	AUTO 50% ON/AUTO OFF
115	STUDY ROOM	50	30"	3:1	LOCAL	OS-DT/DM	LOCAL	AUTO 50% ON/AUTO OFF
123	UNISEX RR	15	30"	2:1	LOCAL	OS-DT	LOCAL	AUTO ON/AUTO OFF
131	BOOK DROP	30	30"	3:1	LOCAL	OS/DM	LOCAL	AUTO 50% ON/AUTO OFF
132	IT	50	36"	3:1	LOCAL	LS	LOCAL	MANUAL ON/AUTO OFF
133	CONFERENCE	30	30"	3:1	LOCAL	OS/DM	LOCAL	AUTO 50% ON/AUTO OFF
134	IT	50	36"	3:1	LOCAL	LS	LOCAL	MANUAL ON/AUTO OFF
135	OFFICE	30	30"	3:1	LOCAL	OS/DM	LOCAL	AUTO 50% ON/AUTO OFF
136	JANITOR	10	0"	3:1	LOCAL	OS	LOCAL	MANUAL ON/MANUAL OFF
137	STAFF WORK SPACE	50	30"	2:1	BAS	TC/LS	ZONE 1-6	TIME CONTROL WITH ON/OFF SWITCH FOR AFTER HOURS OVERRIDE
138	PRIVACY	15	30"	2:1	LOCAL	OS-DT	LOCAL	AUTO ON/AUTO OFF
140,142	STAFF TLT	15	30"	2:1	LOCAL	OS-DT	LOCAL	AUTO ON/AUTO OFF
141	STAIR	5	0"	2:1	LOCAL	OS-DT/DM	LOCAL	DIM TO 30% WHEN OCCUPIED
160	MEETING ROOM	30	30"	3:1	BAS	OS/DM/PS/LS	ZONE 1-7a	COMMON CONTROLS WHEN ROOMS ARE OPENED TO EACH OTHER/AUTO 50% ON/AUTO OFF/TIME CONTROL WITH ON/OFF SWITCH FOR AFTER HOURS OVERRIDE
161	MEETING ROOM	30	30"	3:1	BAS	OS/DM/PS/LS	ZONE 1-7b	COMMON CONTROLS WHEN ROOMS ARE OPENED TO EACH OTHER/AUTO 50% ON/AUTO OFF/TIME CONTROL WITH ON/OFF SWITCH FOR AFTER HOURS OVERRIDE
162	MEETING ROOM	30	30"	3:1	BAS	OS/DM/PS/LS	ZONE 1-7c	COMMON CONTROLS WHEN ROOMS ARE OPENED TO EACH OTHER/AUTO 50% ON/AUTO OFF/TIME CONTROL WITH ON/OFF SWITCH FOR AFTER HOURS OVERRIDE
163	KITCHEN	50	36"	3:1	LOCAL	OS/DM	LOCAL	AUTO 50% ON/AUTO OFF
164	MEETING STORAGE	10	0"	3:1	LOCAL	OS	LOCAL	MANUAL ON/AUTO OFF
170	TEENS	50	0"	3:1	BAS	TC/LS/DS	ZONE 1-8a,b,c,d	TIME CONTROL WITH ON/OFF SWITCH FOR AFTER HOURS OVERRIDE/DAYLIGHT HARVESTING (DAYLIGHT MIN 20% TRIM)
150	COLLECTIONS	50	0"	3:1	BAS	TC/LS /DS	ZONES 2-5a,b,c,d	TIME CONTROL WITH ON/OFF SWITCH FOR AFTER HOURS OVERRIDE a:TIME CONTROL WITH ON/OFF SWITCH FOR AFTER HOURS OVERRIDE/DAYLIGHT HARVESTING (DAYLIGHT MIN 20% TRIM)
180,181,183	STUDY ROOM	50	30"	3:1	LOCAL	OS-DT/DM	LOCAL	AUTO 50% ON/AUTO OFF
184,185,186	STUDY ROOM	50	30"	3:1	LOCAL	OS-DT/DM	LOCAL	AUTO 50% ON/AUTO OFF
139	STAFF LOUNGE	15	30"	3:1	LOCAL	OS/DM	LOCAL	AUTO 50% ON/AUTO OFF
S101	STAIRS 1	5	0"	2:1	LOCAL	OS-DT/DM	LOCAL	DIM TO 30% WHEN OCCUPIED
210	CHILDRENS	30	30"	3:1	BAS	TC/LS	ZONE 2-1a,b,c	TIME CONTROL WITH ON/OFF SWITCH FOR AFTER HOURS OVERRIDE a:TIME CONTROL WITH ON/OFF SWITCH FOR AFTER HOURS OVERRIDE/DAYLIGHT HARVESTING (DAYLIGHT MIN 20% TRIM)
210	CHILDRENS STAIR	30	30"	2:1	BAS	TC/OS	ZONE 2-2	TIME CONTROL WITH ON/OFF SWITCH FOR AFTER HOURS OVERRIDE
S201	STAIRS	5	0"	2:1	LOCAL	OS-DT/DM	LOCAL	DIM TO 30% WHEN OCCUPIED
201	STORAGE	10	0"	3:1	LOCAL	OS	LOCAL	MANUAL ON/AUTO OFF
202	RESTROOM	15	30"	2:1	LOCAL	OS-DT	LOCAL	AUTO ON/AUTO OFF
203	RESTROOM	15	30"	2:1	LOCAL	OS-DT	LOCAL	AUTO ON/AUTO OFF
Z11	IT	50	36"	3:1	LOCAL	LS	LOCAL	MANUAL ON/AUTO OFF
Z12	STORAGE	10	0"	3:1	LOCAL	OS	LOCAL	MANUAL ON/AUTO OFF
220	SCHOOL HELP	40	0"	3:1	BAS	TC/LS /DS	ZONES 2-3	TIME CONTROL WITH ON/OFF SWITCH FOR AFTER HOURS OVERRIDE a:TIME CONTROL WITH ON/OFF SWITCH FOR AFTER HOURS OVERRIDE/DAYLIGHT HARVESTING (DAYLIGHT MIN 20% TRIM)
230	AMMENITY DECK	5			BAS	TC/LS/PC	ZONES 2-4	ON FROM DUSK TIL DAWN/MANUAL OVERRIDE
EXTERIOR	BLDG MOUNTED	5	0"	2:1	BAS	TC/PC	ZONES 4-1	ON FROM DUSK TIL DAWN
EXTERIOR	PARKING LOT	1.5	0"	3:1	BAS	TC/PC	ZONES 4-2	ON FROM DUSK TO DAWN/DIM TO 30% WHEN UN-OCCUPIED
EXTERIOR	CANOPY				BAS	TC/PC	ZONES 4-2	TIME CONTROL ON/OFF
EXTERIOR	GROUND LIGHTS				BAS	TC/PC	ZONES 4-4	ON FROM DUSK TO DAWN

AFTER HOURS OVERRIDE - MAXIMUM OF 2HRS; FLASH LIGHTS 10 MINUTES PRIOR TO AUTO OFF.
 TIME CLOCK CONTROLS - COORDINATE WITH CML FOR ON AND OFF TIMES FOR EACH "TC" ZONE
 BLUERIDGE CONTROLS BY OTHERS

TC	Time Clock On/Off/Dim (Dusk to Dawn)
LS	Local Switch
OS	Occupancy Sensor (PIR)
OS-DT	Occupancy Sensor (Dual Tech)
DS	Photocell (Daylight Harvesting)
PC	Photocell (Lighting Relay Panel)
DM	Dimmer
PS	Partition Sensor
TS	Timer Switch

1 MASTER LIGHTING CONTROL SCHEDULE
 NTS

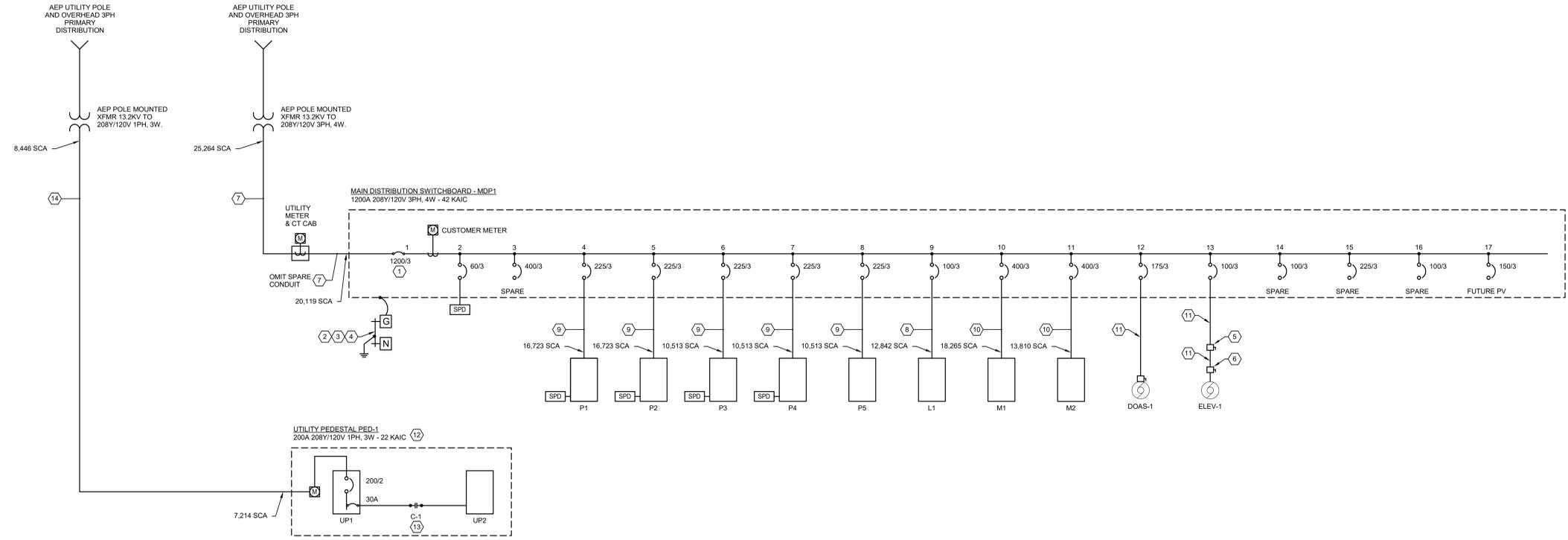
#	DATE	CHANGE DESCRIPTION

CML LINDEN BRANCH
 2223 CLEVELAND AVE
 COLUMBUS, OH 43211
 FOR
COLUMBUS METROPOLITAN LIBRARY

MOODY-NOLAN
 300 SPRUCE STREET
 SUITE 300
 COLUMBUS, OHIO 43215
 PHONE: (614) 461-4664
 FAX: (614) 280-8881

DRAWING TITLE:
SCHEDULES - ELECTRICAL

	11/21/2023
	DRAWN BY: RB CHECKED BY: KM
	Proj. # 21507
E602	
PERMIT SET	



1 SINGLE-LINE DIAGRAM - ELECTRICAL
NTS

SHEET KEYNOTES

1. PROVIDE LSI ELECTRONIC TRIP CIRCUIT BREAKER WITH ARMS DEVICE TO ADJUST BREAKER SETTINGS TO REDUCE ARC FLASH INCIDENT ENERGY.
2. BOND NEUTRAL TO GROUND AT SERVICE ENTRANCE EQUIPMENT. PROVIDE GROUNDING ELECTRODE CONDUCTOR TO UL LISTED INTERSYSTEM GROUND BAR. REFER TO DETAIL 8/E501. PROVIDE GROUNDING BAR PER DETAIL 5/E501.
3. PROVIDE BONDING JUMPERS FROM GROUND BAR TO EACH GROUNDING ELECTRODE IN ACCORDANCE WITH NEC ARTICLE 250. REFER TO DETAIL 8/E501. PROVIDE GROUNDING BAR PER DETAIL 5/E501.
4. PROVIDE 10' X 3/4" DIA. UL LISTED GROUND ROD(S) AS REQUIRED. REFER TO DETAIL 7/E501.
5. 100A FUSED ELEVATOR SAFETY SWITCH, EQUAL TO BUSSMAN POWER MODULE.
6. 100A NON-FUSED LOCAL DISCONNECT SWITCH, LOCATE WITHIN ELEVATOR SHAFT.
7. SERVICE CONDUCTORS: 4 SETS OF 4-#50KCMIL (AL) IN 4" C. AND (1) 4" SPARE. SPARE TO BE CAPPED BELOW CT CABINET.
8. FEEDER: 4-#2 (CU) & 1-#8 GRD. IN 1.5" C.
9. FEEDER: 4-#250 (AL) & 1-#2 GRD. IN 3" C.
10. FEEDER: 2 SETS OF 4-#250KCMIL & 1-#1 GRD. IN 3" C. REFER TO MOTOR SCHEDULE ON SHEET E603 FOR FEEDER SIZE.
11. UTILITY PEDESTAL SHALL BE OUTDOOR FREE STANDING PEDESTAL TYPE, WITH NEMA 4X SS ENCLOSURE, UTILITY METER SOCKET, PANELBOARD, LIGHTING PHOTOCELL, AND CONTACTOR. PEDESTAL SHALL BE 200A RATED AND THE COMPONENTS WITHIN SHALL BE PRE-WIRED. PROVIDE CONCRETE PAD FOR EQUIPMENT. EQUIPMENT BY MILBANK #SWITCHED LOAD CENTER COMMERCIAL PEDESTAL, OR EQUAL.
12. LIGHTING CONTACTOR SHALL BE INTEGRAL WITHIN UTILITY PEDESTAL AND SHALL BE SIGNALLED FROM INTEGRAL PHOTO-CELL. SITE LIGHTING CIRCUIT SHALL BE SIGNALLED ON/OFF FROM DUSK-TO-DAWN. ADDITIONAL SITE LIGHTING DIMMING CONTROL SHALL BE WIRELESS.
14. SERVICE CONDUCTORS: 3-#250KCMIL (AL) IN 3" C.

#	DATE	CHANGE DESCRIPTION

CML LINDEN BRANCH
2223 CLEVELAND AVE
COLUMBUS, OH 43211
FOR
COLUMBUS METROPOLITAN LIBRARY

300 SPRUCE STREET
SUITE 300
COLUMBUS, OHIO 43215
PHONE: (614) 461-4664
FAX: (614) 280-8881

DRAWING TITLE:
DIAGRAMS - ELECTRICAL

11/21/2023
DRAWN BY: RB | CHECKED BY: KM
Proj. # 21507
E701
PERMIT SET

ABBREVIATIONS	
NOTE: NOT ALL ABBREVIATIONS MAY BE USED.	
A	AMPERE
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AHJ	AUTHORITY HAVING JURISDICTION
AMP	AMPLIFIER
AUTO	AUTOMATIC
AV	AUDIO VISUAL
AWG	AMERICAN WIRE GAUGE
BB	BACKBONE
BC	BONDING CONDUCTOR
BGP	BORDER GATEWAY PROTOCOL
CCTV	CLOSED CIRCUIT TELEVISION
C	CEILING MOUNTED
CMF	COMMUNICATIONS PLENUM
CMR	COMMUNICATIONS RISER
CU	COPPER
DIA	DIAMETER
DWG	DRAWING
EA	EACH
EC	ELECTRICAL CONTRACTOR
EM	EMERGENCY
ER	EQUIPMENT ROOM (MDF)
FFA	FROM FLOOR ABOVE
FFB	FROM FLOOR BELOW
FT	FEET
GC	GENERAL TRADES CONTRACTOR
GND	GROUND
IN	INCHES
IP	INTERNET PROTOCOL
JB	JUNCTION BOX
LAN	LOCAL AREA NETWORK
LCD	LIQUID CRYSTAL DISPLAY
M	METER
MC	MECHANICAL CONTRACTOR
MCC	MAIN CROSS CONNECT
MFGR	MANUFACTURER
MH	MANHOLE
MHZ	MEGAHERTZ
MMF	MULTIMODE FIBER
mm	MILLIMETER
NC	NORMALLY CLOSED
NO	NORMALLY OPEN
OC	ON CENTER
OFCI	OWNER FURNISHED, CONTRACTOR INSTALLED
OFOI	OWNER FURNISHED, OWNER INSTALLED
CFCI	CONTRACTOR FURNISHED, CONTRACTOR INSTALLED
PA	PUBLIC ANNOUNCEMENT
P/L	PROPERTY LINE
PLE	PLENUM
POE	POWER OVER ETHERNET
PVC	POLYVINYL CHLORIDE (PLASTIC PIPE)
REV	REVISION
RM	ROOM
S	STRAND
SFP	SMALL FORM-FACTOR PLUGGABLE
SMF	SINGLE MODE FIBER
SP	SERVICE PROVIDER
TBCC	TELECOMMUNICATIONS BACKBONE BONDING CONDUCTOR
TEBC	TELECOMMUNICATIONS EQUIPMENT BONDING CONDUCTOR
TGB	TELECOMMUNICATIONS GROUNDING BUSBAR
TMGB	TELECOMMUNICATIONS MAIN GROUNDING BUSBAR
TR	TELECOM ROOM (IDF)
TV	TELEVISION
TYP	TYPICAL
UNO	UNLESS NOTED OTHERWISE
UTP	UNSHIELDED, TWISTED PAIR
V	VOLTS
WAN	WIDE AREA NETWORK
WAP	WIRELESS ACCESS POINT
WG	WIRE GUARD
WM	WALL MOUNTED
WP	WEATHERPROOF

TELECOM SYMBOLS	TELECOM REQUIREMENTS	PATHWAY REQUIREMENTS
▽ W	SINGLE-PORT WALL DATA OUTLET MOUNTED AT 44" AFF, UNO.	SINGLE GANG, ONE-PORT FACEPLATE. PROVIDE ONE CAT6 CABLE, TERMINATED ON PATCH PANEL IN TELECOM ROOM.
▼	WORKSTATION WALL OUTLET MOUNTED AT 18" AFF, UNO.	SINGLE GANG, TWO-PORT FACEPLATE. PROVIDE TWO CAT6 CABLES, TERMINATED ON PATCH PANEL IN TELECOM ROOM.
FB ^X	RECESSED WORKSTATION FLOOR OUTLET.	SINGLE GANG, SIX-PORT FACEPLATE. 'X' SUB-SCRIPT = NUMBER OF DATA PORTS. PROVIDE SAME NUMBER OF CAT6 CABLES AS SUB-SCRIPT NUMBER, TERMINATED ON PATCH PANEL IN TELECOM ROOM.
▼ H	WORKSTATION WALL OUTLET WITH (1) HDMI JACK AND (1) DATA PORT, MOUNTED AT 18" AFF, UNO.	SINGLE GANG FACEPLATE. PROVIDE SINGLE HDMI FEMALE PORT AND ONE DATA PORT. PROVIDE (1) HDMI CABLE FROM WORKSTATION WALL OUTLET TO LOCAL TV OUTLET. PROVIDE (1) CAT6 CABLE TO TR PATCH PANEL.
TV	WALL-MOUNTED TV OUTLET WITH (1) DATA AND (1) HDMI JACK. OUTLET MOUNTED AT 60" AFF, UNO.	PROVIDE ONE CAT6 CABLE FROM TV OUTLET TO TELECOM ROOM PATCH PANEL. EXTEND AND TERMINATE HDMI CABLE FROM FLOOR OUTLET OR WORKSTATION OUTLET. SEE SPECIFICATION FOR WHEN SHIELDED CAT6 IS REQUIRED FOR HDMI EXTENSION.
W	DATA OUTLET FOR WIRELESS ACCESS POINT. CEILING MOUNTED. W = WALL MOUNTED.	PROVIDE ONE CAT6A CABLE, TO CAT6A PATCH PANEL IN TR. PROVIDE EXTRA 20' COIL OF CABLE AND ONE 12-INCH PATCH CORD AT FINAL WAP LOCATION.
SP	SOUND REINFORCEMENT SPEAKER, FLUSH MOUNTED.	ROUGH-IN ONLY. OWNER PROVIDING DEVICE AND CABLING.
SP	SOUND REINFORCEMENT SPEAKER, SURFACE MOUNTED.	ROUGH-IN ONLY. OWNER PROVIDING DEVICE AND CABLING.
PA	PA SPEAKER, SURFACE MOUNTED.	PROVIDE SPEAKER AND CABLING PER SPECIFICATION.
PA	PA SPEAKER, FLUSH MOUNTED.	PROVIDE SPEAKER AND CABLING PER SPECIFICATION.
▼	RECESSED CEILING MOUNTED DATA OUTLET.	PROVIDE ONE CAT6 CABLE, TERMINATED ON CAT6 JACK IN PATCH PANEL AND INSIDE DATA OUTLET. PROVIDE EXTRA 10' COIL OF CABLE AND ONE 12-INCH PATCH CORD AT FINAL DEVICE LOCATION.
V	VOLUME CONTROL FOR PAGING SYSTEM. MOUNTED AT 48" AFF, UNO.	PROVIDE VOLUME CONTROL AND CABLING PER SPECIFICATION.

NOTE: NOT ALL SYMBOLS MAY BE USED.

SECURITY SYMBOLS	PATHWAY REQUIREMENTS
VIDEO SURVEILLANCE CAMERA. OWNER FURNISHED CONTRACTOR INSTALLED C= CEILING MOUNTED 180° = DUAL LENS CAMERA 360° = QUAD LENS CAMERA D' = DOME LENS CAMERA	4-11/16" SQUARE, 2-1/8" DEEP BOX WITH A SINGLE GANG PLASTER RING AND 3/4" CONDUIT INSTALLED TO ABOVE ACCESSIBLE CEILING. PROVIDE CAMERA, CAT6 CABLE AND "BISCUIT" OUTLET.
ALARM HORN	4-11/16" SQUARE, 2-1/8" DEEP BOX WITH A SINGLE GANG PLASTER RING AND 3/4" CONDUIT INSTALLED TO ABOVE ACCESSIBLE CEILING.
CARD READER	4-11/16" SQUARE, 2-1/8" DEEP BOX WITH A SINGLE GANG PLASTER RING AND 3/4" CONDUIT INSTALLED TO ABOVE ACCESSIBLE CEILING. 48" AFF. *KP = WITH KEYPAD
DOOR CONTACT	4-11/16" SQUARE, 2-1/8" DEEP BOX WITH A SINGLE GANG PLASTER RING AND 3/4" CONDUIT INSTALLED TO ABOVE ACCESSIBLE CEILING.
GLASS BREAK SENSOR	4-11/16" SQUARE, 2-1/8" DEEP BOX WITH A SINGLE GANG PLASTER RING AND 3/4" CONDUIT INSTALLED TO ABOVE ACCESSIBLE CEILING.
MOTION DETECTOR	4-11/16" SQUARE, 2-1/8" DEEP BOX WITH A SINGLE GANG PLASTER RING AND 3/4" CONDUIT INSTALLED TO ABOVE ACCESSIBLE CEILING.
CCTV MONITOR STATION	4-11/16" SQUARE, 2-1/8" DEEP BOX WITH A SINGLE GANG PLASTER RING AND 3/4" CONDUIT INSTALLED TO ABOVE ACCESSIBLE CEILING.
PUSH BUTTON - PANIC	4-11/16" SQUARE, 2-1/8" DEEP BOX WITH A SINGLE GANG PLASTER RING AND 3/4" CONDUIT INSTALLED TO ABOVE ACCESSIBLE CEILING. COORDINATE LOCATIONS WITH ARCHITECT PRIOR TO ROUGH-IN.
LD PUSH BUTTON - LOCK DOWN	4-11/16" SQUARE, 2-1/8" DEEP BOX WITH A SINGLE GANG PLASTER RING AND 3/4" CONDUIT INSTALLED TO ABOVE ACCESSIBLE CEILING. COORDINATE LOCATIONS WITH ARCHITECT PRIOR TO ROUGH-IN.
INTERCOM - STATION	4-11/16" SQUARE, 2-1/8" DEEP BOX WITH A SINGLE GANG PLASTER RING AND 1" CONDUIT INSTALLED TO TELECOM RACK.
DOOR BELL	4-11/16" SQUARE, 2-1/8" DEEP BOX WITH A SINGLE GANG PLASTER RING AND 1" CONDUIT INSTALLED TO DOOR CHIME
DOOR BELL CHIME	4-11/16" SQUARE, 2-1/8" DEEP BOX WITH A SINGLE GANG PLASTER RING AND 1" CONDUIT INSTALLED TO DOOR BELL

NOTE: NOT ALL SYMBOLS MAY BE USED.

SECURITY KEYNOTES:

- PROVIDE CAT6 CABLE FROM CARD READER TO NEAREST ER/TR AND LEAVE WITH A 10' SERVICE LOOP COILED AT THE BACKBOARD SPACE RESERVED FOR THE OWNERS PROVIDED CONTROL UNITS.
- CONTRACTOR SHALL PLAN FOR ONE PRE-INSTALLATION MEETING WITH OWNER, DOOR HARDWARE SUPPLIER, SECURITY CONTRACTOR, AND ARCHITECT TO REVIEW LOCATIONS AND INSTALLATION REQUIREMENTS.

#	DATE	CHANGE DESCRIPTION

CML LINDEN BRANCH
2223 CLEVELAND AVE
COLUMBUS, OH 43211
FOR
COLUMBUS METROPOLITAN LIBRARY

300 SPRUCE STREET
SUITE 300
COLUMBUS, OHIO 43215
PHONE: (614) 461-4664
FAX: (614) 280-8881

DRAWING TITLE:
GENERAL INFORMATION - TELECOMMUNICATIONS

 Bicsi COMMUNICATIONS DISTRIBUTION 11/20/2023 John E. Reed RCDD	11/21/2023
	DRAWN BY: Author CHECKED BY: Checker
Proj. # 21507	T001
PERMIT SET	



1 PLAN SITE PLAN - ELECTRICAL
 1" = 20'-0"

GENERAL SHEET NOTES

- A. MINIMUM SIZE FOR ALL SITE CONDUIT SHALL BE 1.25", UNLESS NOTED OTHERWISE.
- B. UNDERGROUND CONDUIT ROUTING SHOWN IS SCHEMATIC. COORDINATE EXACT ROUTINGS WITH CIVIL PLANS.
- C. CONTRACTOR SHALL COORDINATE ALL SITE WORK WITH OTHER TRADES AND EXISTING UNDERGROUND UTILITIES (SEE CIVIL PLANS).
- D. ALL EXTERIOR CONDUITS RISING ABOVE GRADE, ENTERING PULL BOXES, MANHOLES, HANDHOLES, BUILDINGS AND/OR EQUIPMENT SHALL BE RIGID GALVANIZED STEEL TYPE FROM THE LAST 6 FEET OF TRANSITION FROM BELOW GRADE.
- E. COORDINATE TRENCHING AND BACKFILL REQUIREMENTS WITH CIVIL DRAWINGS AND SPECIFICATIONS.
- F. ALL CAMERAS SHALL BE WEATHERPROOF AND BE MOUNTED TO LIGHT POLE WITH A MAST ARM.
- G. ALL CABLING TO CAMERAS SHALL BE HOMERUN IN AN UNDERGROUND 1.25" CONDUIT TO IT ROOM 132.

SHEET KEYNOTES

- 1. ENCASED TELECOM DUCT BANK. REFER TO DUCT BANK DETAIL T1ES01. PROVIDE NEW TELECOM RISER ON POLE, 1-4" CONDUIT.
- 2. EXISTING UTILITY POLE TO REMAIN.
- 3. CONTRACTOR TO EXCAVATE IN EXISTING BUILDING SLAB TO INSTALL NEW DUCT BANK WITHIN BUILDING FOOTPRINT.
- 4. INTERCEPT EXISTING UNDERGROUND SITE CAMERA CONDUIT. REMOVE EXISTING CABLING BACK TO SOURCE.
- 5. EXTEND CONDUIT TO NEW PEDESTAL MOUNTED ENCLOSURE. REFER TO NOTE 7. PROVIDE NEW 12X12" PULL BOX FOR NEW FIBER OPTIC CABLING FROM IT ROOM 132 TO CAMERA ENCLOSURE.
- 6. PROPOSED LOCATION FOR RELOCATED UTILITY POLE.
- 7. PROVIDE 6-STRAND FIBER OPTIC CABLE TO A PEDESTAL MOUNTED 12" X 18" NEMA 3R ENCLOSURE. PROVIDE A MEDIA CONVERTER AND A 8 PORT POE HARDENED SWITCH IN THE ENCLOSURE. PROVIDE CAT6A CABLING TO SITE CCTV CAMERAS.

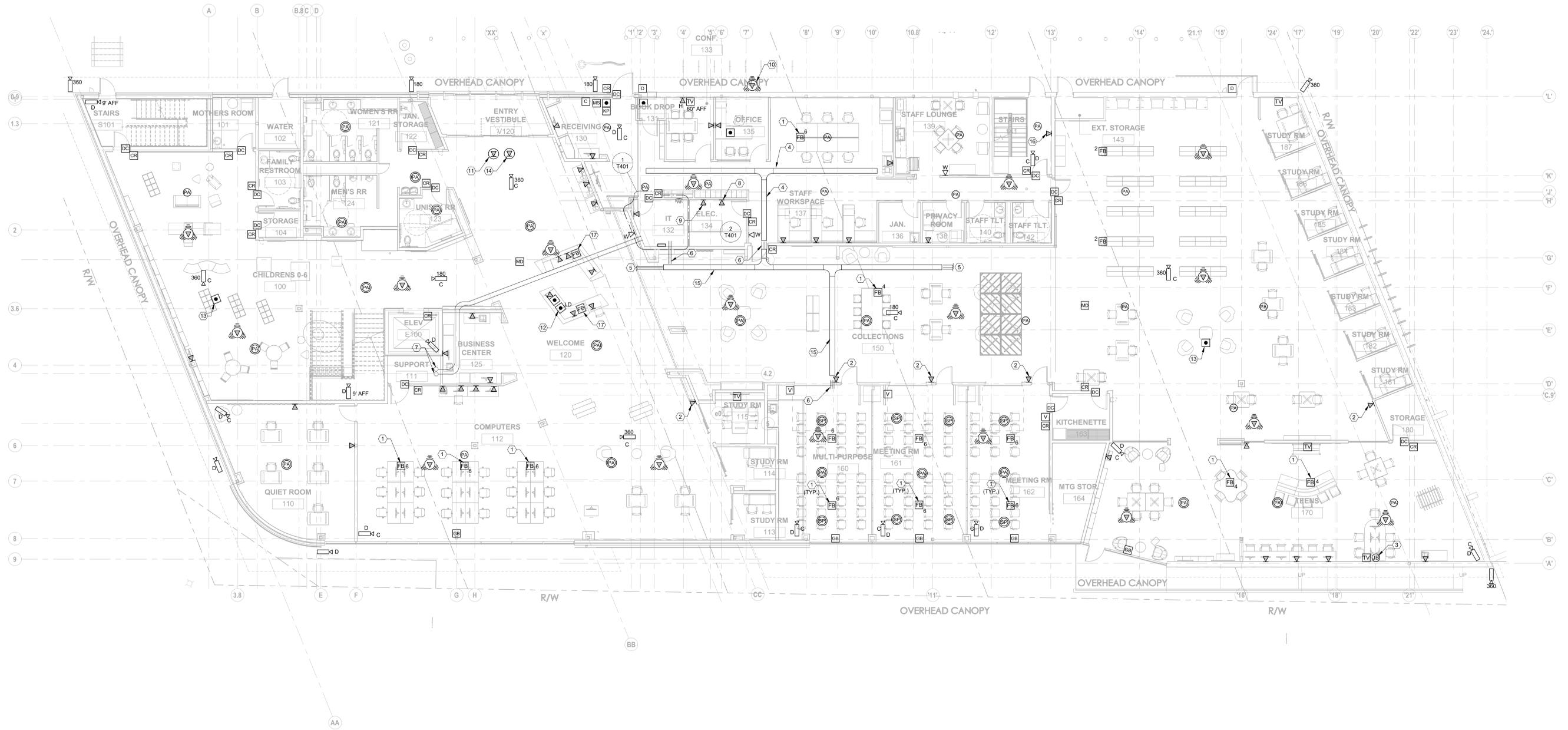
#	DATE	CHANGE DESCRIPTION

CML LINDEN BRANCH
 2223 CLEVELAND AVE
 COLUMBUS, OH 43211
 FOR
COLUMBUS METROPOLITAN LIBRARY

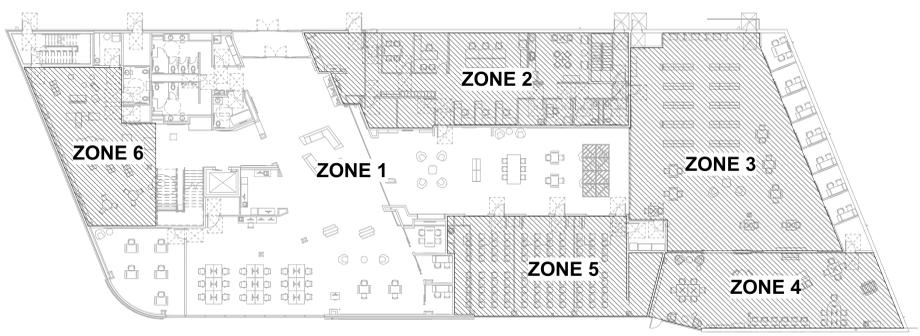
MOODY-NOLAN
 300 SPRUCE STREET
 SUITE 300
 COLUMBUS, OHIO 43215
 PHONE: (614) 461-4664
 FAX: (614) 280-8881

SITE PLAN - TECHNOLOGY

11/20/2023
 DRAWN BY: Author | CHECKED BY: Checker
 Proj. # 21507
T002
 PERMIT SET



1 PLAN MAIN LEVEL PLAN - TELECOMMUNICATIONS
1/8" = 1'-0"



2 PLAN MAIN LEVEL PLAN - P/A PAGING ZONES
3/8" = 1'-0" REFER TO SHEET T701, DETAIL 4

SHEET KEYNOTES

- 4-GANG FLOOR BOX FOR POWER AND DATA. PROVIDE THE SAME NUMBER OF CAT6 CABLES AND PORTS AS INDICATED BY THE SUB-SCRIPT. REFER TO ELECTRICAL DRAWINGS FOR MORE INFORMATION ABOUT FLOOR BOX.
- PROVIDE SINGLE PORT DATA OUTLET MOUNT HORIZONTALLY AT 42" AFF FOR ROOM SCHEDULING TABLE MOUNTED AT 42". COORDINATE WITH ARCHITECT AND OWNER PRIOR TO ROUGH IN.
- PROVIDE FLUSH MOUNTED JUNCTION BOX AT 18" AFF FOR DATA CABLING TO SYSTEMS FURNITURE. ROUTE CABLING TO SYSTEMS FURNITURE. ROUTE CABLING FROM WALL, THROUGH SYSTEM FURNITURE AND TERMINATE AT DATA OUTLETS INTEGRAL TO THE FURNITURE. ONE DATA PORT PER WORKSTATION.
- 12" W X 4" D WIRE MESH CABLE TRAY MOUNTED AT 10'-6" AFF.
- PROVIDE CONDUITS ROUTED FROM CABLE TRAY TO ABOVE INACCESSIBLE CEILINGS IN QUANTITIES REQUIRED TO SERVE DATA OUTLETS AND DEVICES. PROVIDE ACCESS PANELS AS REQUIRED FOR COMPLETE INSTALLATION. COORDINATE FINISH WITH ARCHITECT.
- PROVIDE (3) 4" CONDUIT SLEEVES FOR HORIZONTAL CABLING THROUGH WALL.
- (2) 4" CONDUITS FOR BACKBONE CABLING FROM IT ROOM 132 TO IT ROOM 211 MOUNTED AT 10'-6" AFF. THEN STUB UP INTO THE SECOND FLOOR.
- PROVIDE DATA OUTLET FOR FACP. COORDINATE EXACT REQUIREMENTS WITH FIRE ALARM PROVIDER PRIOR TO ROUGH-IN.
- PROVIDE DATA OUTLET FOR BAS CONTROL PANEL. COORDINATION EXACT REQUIREMENTS WITH HVAC CONTROLS CONTRACTOR.
- PROVIDE WEATHERPROOF OUTDOOR WAP MOUNTED AT 10' AFG.
- PROVIDE DATA OUTLET FLUSH MOUNT IN CEILING FOR PEOPLE COUNTER SYSTEM. COORDINATE EXACT REQUIREMENTS WITH OWNER PRIOR TO ROUGH-IN.
- PROVIDE EMERGENCY LOCK DOWN PUSH BUTTON MOUNTED UNDERNEATH THE COUNTER. LOCKDOWN SIGNALS SHALL BE TRANSMITTED TO 911 AND CML'S MAIN SECURITY CONTROL CENTER.
- PROVIDE WIRELESS PANIC BUTTON DEVICE ONTO MOBILE STAFF CART FOR THE AREA.
- PROVIDE DATA OUTLET FLUSH MOUNT IN CEILING FOR OWNER PROVIDED THEFT DETERRENT SYSTEM. COORDINATE EXACT REQUIREMENTS WITH OWNER PRIOR TO ROUGH-IN.
- 12" W X 4" D WIRE MESH CABLE TRAY MOUNTED AT 13'-0" AFF.
- PROVIDE SINGLE PORT DATA OUTLET FOR STAFF TIMECLOCK.
- PROVIDE FLOOR BOX TO SERVE DEVICES LOCATED IN WELCOME SERVICE DESK CASEWORK. PROVIDE (1) 6-PORT DATA OUTLET IN FLOOR BOX WITH 10' PATCH CORD TO DEVICE LOCATIONS AND (1) PASS THROUGH OUTLET FOR SECURITY CABLING TO DEVICE LOCATIONS.

GENERAL SHEET NOTES

- COORDINATE ALL ROUGH-IN AND EQUIPMENT REQUIREMENTS OF DEVICES IN CASEWORK AND FURNITURE WITH ARCHITECTURAL SHEETS AND SPECIFICATIONS PRIOR TO ROUGH IN.
- COORDINATE ALL A/V DEVICE LOCATIONS AND MOUNTING HEIGHTS WITH CML'S A/V VENDOR PRIOR TO ROUGH IN.
- COORDINATE FLOOR BOX LOCATIONS WITH ARCHITECTURAL FURNITURE AND ELECTRICAL POWER SHEETS.
- ALL DATA CABLES SHALL BE ROUTED IN CABLE TRAY, J-HOOKS, OR CONDUIT. CABLES SHALL BE ROUTED INCONSPICUOUSLY, PARALLEL TO BUILDING STRUCTURES AND DUCTWORK ETC.
- PROVIDE FIRE STOPPING AROUND ALL CONDUITS AND ALL TELECOMMUNICATIONS PENETRATIONS.
- ALL DATA CABLING SHALL BE HOMERUN TO IT 132.
- MOUNT ALL EXTERIOR SECURITY CAMERAS AT 10'-0" AFG.



#	DATE	CHANGE DESCRIPTION

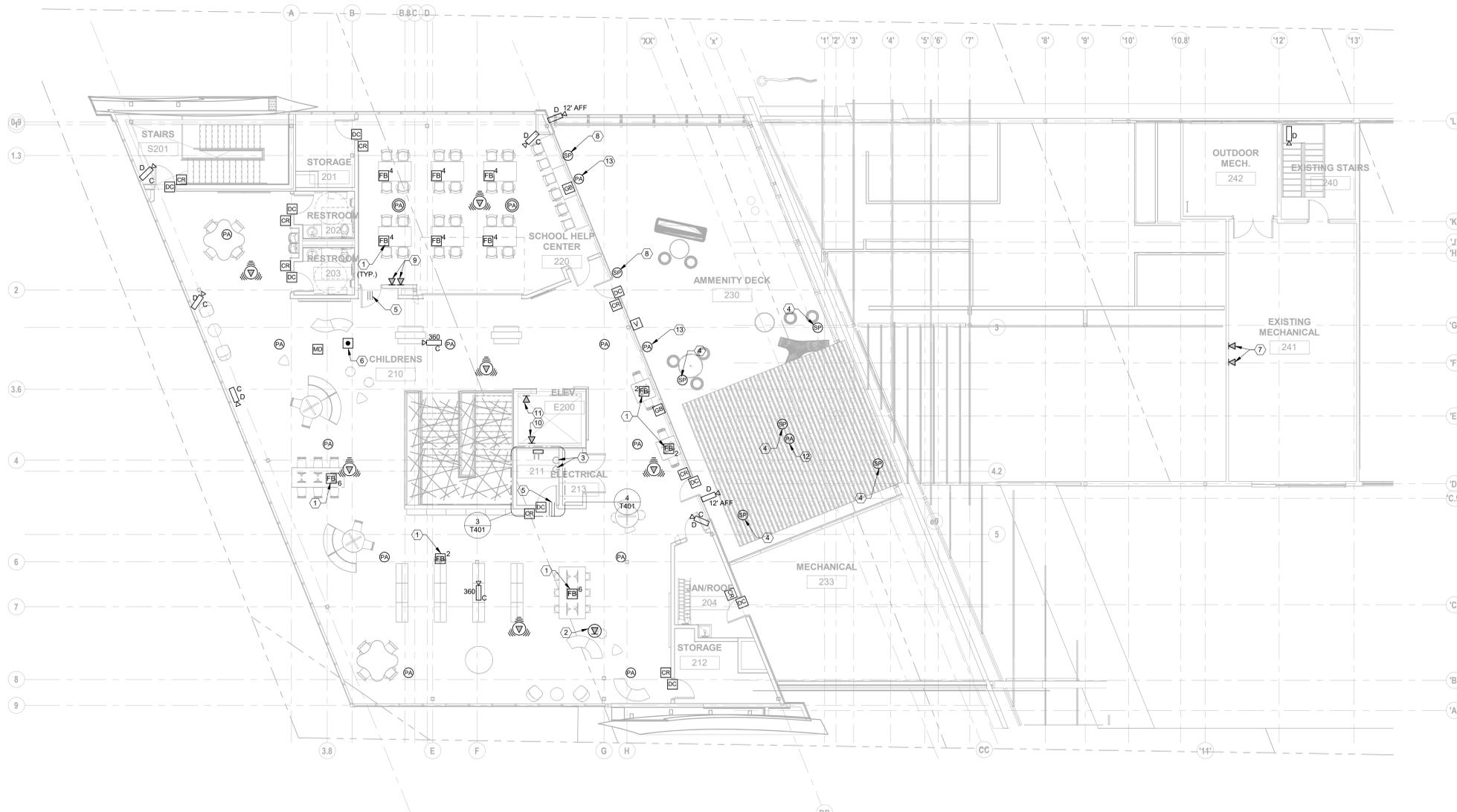
CML LINDEN BRANCH
2223 CLEVELAND AVE
COLUMBUS, OH 43211
FOR
COLUMBUS METROPOLITAN LIBRARY

300 SPRUCE STREET
SUITE 300
COLUMBUS, OHIO 43215

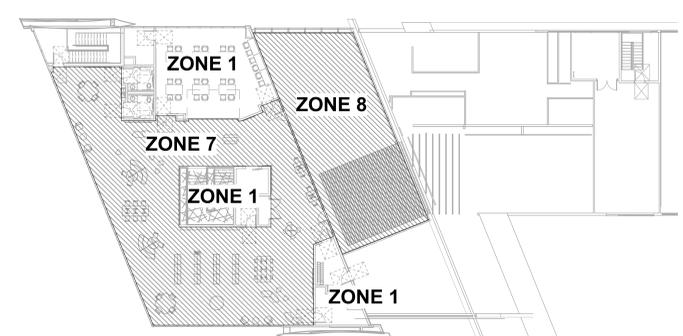
PHONE: (614) 461-4664
FAX: (614) 280-8881

MOODY-NOLAN
DRAWING TITLE:
MAIN LEVEL PLAN - TELECOMMUNICATIONS

11/21/2023
DRAWN BY: Author CHECKED BY: Checker
11/20/2023
Bicsi
PROJ. # 21507
T101
PERMIT SET



1 PLAN UPPER LEVEL PLAN - TELECOMMUNICATIONS
1/8" = 1'-0"



2 PLAN UPPER LEVEL PLAN - PAGING ZONES
3/64" = 1'-0" REFER TO SHEET T701, DETAIL 4

GENERAL SHEET NOTES

- COORDINATE ALL ROUGH-IN AND EQUIPMENT REQUIREMENTS OF DEVICES IN CASEWORK AND FURNITURE WITH ARCHITECTURAL SHEETS AND SPECIFICATIONS PRIOR TO ROUGH IN.
- COORDINATE ALL AV DEVICE LOCATIONS AND MOUNTING HEIGHTS WITH CML'S AV VENDOR PRIOR TO ROUGH IN.
- COORDINATE FLOOR BOX LOCATIONS WITH ARCHITECTURAL FURNITURE AND ELECTRICAL POWER SHEETS.
- ALL DATA CABLES SHALL BE ROUTED IN CONDUIT. CABLES SHALL BE ROUTED INCONSPICUOUSLY, PARALLEL TO BUILDING STRUCTURES AND DUCTWORK ETC.
- PROVIDE FIRE STOPPING AROUND ALL CONDUITS AND ALL TELECOMMUNICATIONS PENETRATIONS.
- ALL DATA CABLING SHALL BE HOMERUN IN CONDUIT TO IT 211.

SHEET KEYNOTES

- 4-GANG FLOOR BOX FOR POWER AND DATA. PROVIDE THE SAME NUMBER OF CAT5 CABLES AND PORTS AS INDICATED BY THE SUB-SCRIPT. REFER TO ELECTRICAL DRAWINGS FOR MORE INFORMATION ABOUT FLOOR BOX.
- PROVIDE DATA OUTLET FLUSH MOUNT IN CEILING FOR OWNER PROVIDED PROJECTOR. COORDINATE EXACT REQUIREMENTS WITH OWNER PRIOR TO ROUGH-IN.
- (2) 4" CONDUITS FOR BACKBONE CABLING FROM THE FLOOR BELOW. STUB UP 8" INTO ROOM. REFER TO FIRST FLOOR TELECOMMUNICATION PLAN FOR CONTINUATION OF CONDUIT.
- PROVIDE SURFACE MOUNT ROUGH-IN UNDER AMENITY DECK SLANTED ROOF FOR OWNER PROVIDED SPEAKER. COORDINATE EXACT REQUIREMENTS WITH CML'S AV VENDOR PRIOR TO ROUGH-IN.
- (3) 4" CONDUIT SLEEVES THROUGH WALL MOUNTED AT 12'-0" AFF.
- PROVIDE WIRELESS PANIC BUTTON DEVICE ONTO MOBILE STAFF CART FOR THE AREA.
- PROVIDE DATA OUTLET FOR BAS. COORDINATE WITH THE HVAC CONTROLS CONTRACTOR PRIOR TO ROUGH-IN FOR EXACT REQUIREMENTS.
- PROVIDE FLUSH MOUNT ROUGH-IN, AT 12'-0" AFF FOR OWNER PROVIDED SPEAKER. COORDINATE EXACT REQUIREMENTS WITH CML'S AV VENDOR PRIOR TO ROUGH-IN.
- PROVIDE SINGLE PORT DATA OUTLET MOUNTED HORIZONTALLY FOR ROOM SCHEDULING TABLET MOUNTED AT 42". COORDINATE WITH ARCHITECT AND OWNER PRIOR TO ROUGH IN.
- PROVIDE DATA OUTLET FOR ELEVATOR CONTROLLER. COORDINATE EXACT REQUIREMENTS WITH ELEVATOR SUPPLIER PRIOR TO ROUGH-IN.
- PROVIDE DATA OUTLET FOR ELEVATOR PHONE. COORDINATE EXACT REQUIREMENTS WITH ELEVATOR SUPPLIER PRIOR TO ROUGH-IN.
- PROVIDE SURFACE MOUNT WEATHERPROOF PA SPEAKER UNDER THE AMENITY DECK ROOF.
- PROVIDE SURFACE MOUNT WEATHERPROOF PA SPEAKER AT 12'-0" AFF.



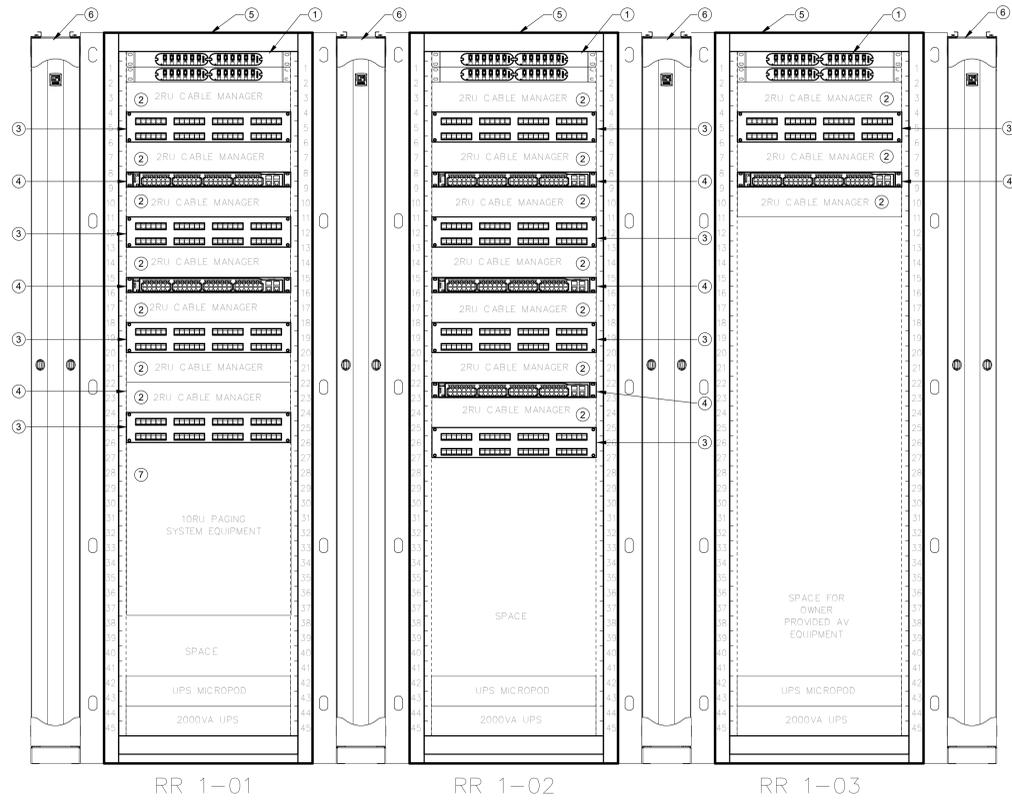
#	DATE	CHANGE DESCRIPTION

CML LINDEN BRANCH
2223 CLEVELAND AVE
COLUMBUS, OH 43211
FOR
COLUMBUS METROPOLITAN LIBRARY

MOODY-NOLAN
300 SPRUCE STREET
SUITE 300
COLUMBUS, OHIO 43215
PHONE: (614) 461-4664
FAX: (614) 280-8881

DRAWING TITLE
UPPER LEVEL PLAN - TELECOMMUNICATIONS

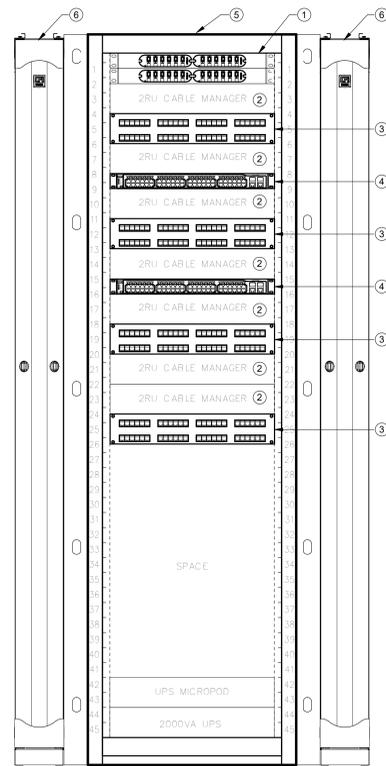
11/21/2023
DRAWN BY: Author CHECKED BY: Checker
11/20/2023
Bicsi
Proj. # 21507
T102
PERMIT SET



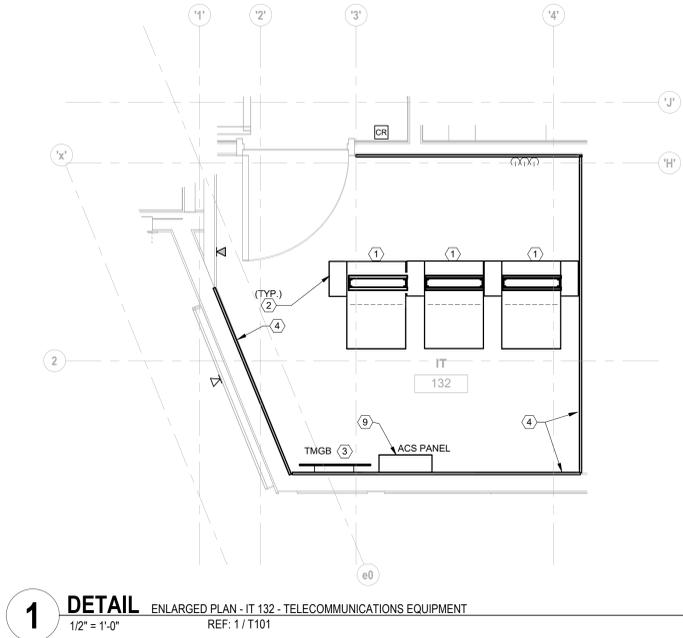
5 DETAIL RACK ELEVATION ROOM 132
N.T.S.

RACK ELEVATIONS KEYNOTES:

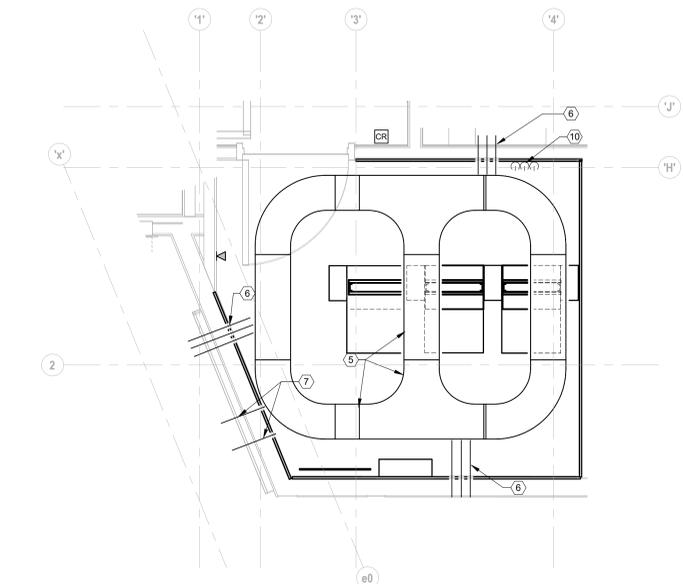
1. 48 PORT, 2RU FIBER OPTIC DISTRIBUTION PANEL.
2. 2RU HORIZONTAL CABLE MANAGEMENT.
3. 2RU, 48 PORT COPPER PATCH PANEL.
4. 1RU, 48 PORT NETWORK SWITCH.
5. 84" H X 20" W X 30" D 4-POST RACK, 19" RACK RAILS, 45 RACK UNITS OF MOUNTING SPACE.
6. 6" W X 12" D X 84" H VERTICAL WIRE MANAGER ON EACH SIDE OF RACKS.



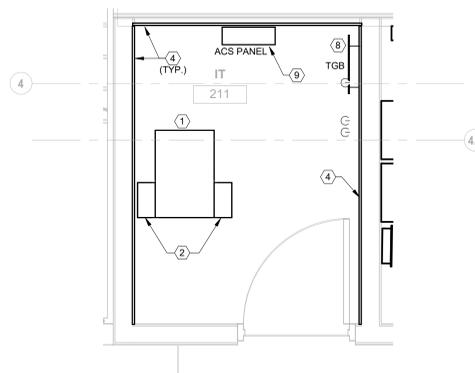
6 DETAIL RACK ELEVATION ROOM 211
N.T.S.



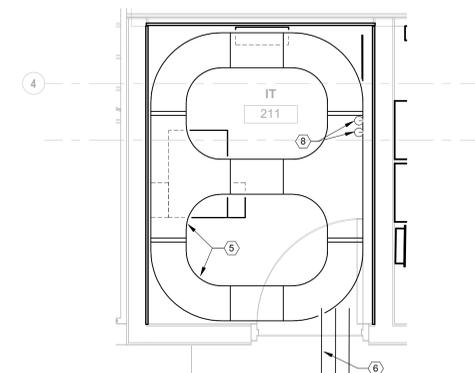
1 DETAIL ENLARGED PLAN - IT 132 - TELECOMMUNICATIONS EQUIPMENT
1/2" = 1'-0" REF: 1/1/T101



2 DETAIL ENLARGED PLAN - IT 132 - TELECOMMUNICATIONS PATHWAYS
1/2" = 1'-0" REF: 1/1/T101



3 DETAIL ENLARGED PLAN - IT 211 - TELECOMMUNICATIONS EQUIPMENT
N.T.S. REF: 1/1/T102



4 DETAIL ENLARGED PLAN - IT 211 - TELECOMMUNICATIONS PATHWAYS
N.T.S. REF: 1/1/T102

SHEET KEYNOTES

1. 84" H X 20" W X 30" D 4-POST RACK, 19" RACK RAILS, 45 RACK UNITS OF MOUNTING SPACE.
2. 6" W X 12" D X 84" H VERTICAL WIRE MANAGER ON EACH SIDE OF RACKS.
3. 24" L X 4" H TELECOMMUNICATIONS MAIN GROUNDING BUSBAR MOUNT AT 18" AFF.
4. 3/4" THICK X 4" W X 8" L FIRE RESISTANT TELECOMMUNICATIONS PLYWOOD BACKBOARD ON PERIMETER WALLS.
5. 12" W LADDER RACK CABLE TRAY FOR TELECOMMUNICATIONS CABLING MOUNTED AT TOP OF RACKS.
6. PROVIDE (3) 4" CONDUIT SLEEVES FOR HORIZONTAL CABLING PATHWAY.
7. (2) 4" CONDUITS FOR BACKBONE CABLING PATHWAY. SEE FLOOR PLANS FOR ROUTING.
8. 18" L X 4" H TELECOMMUNICATIONS GROUNDING BUSBAR MOUNT AT 18" AFF.
9. WALL MOUNTED ACS PANEL, COORDINATE EXACT REQUIREMENTS WITH ACS EQUIPMENT MANUFACTURER.
10. (3) 4" CONDUITS STUBBED UP 6" AFF FROM SITE DUCT BANK. REFER TO E003 FOR CONTINUATION OF CONDUIT AND T701 FOR CABLING REQUIREMENTS.

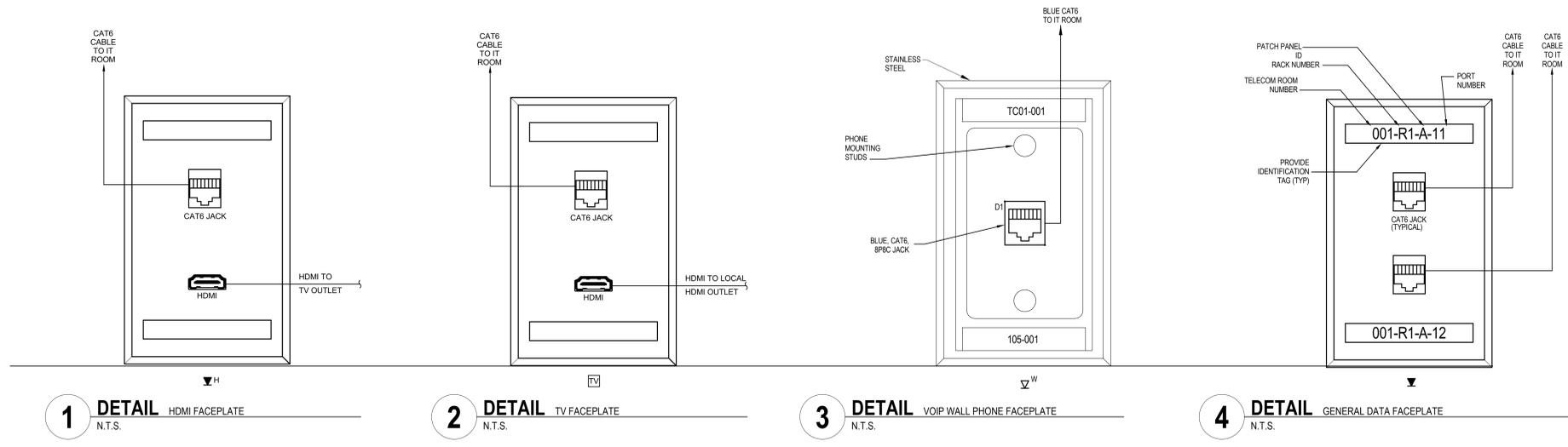
#	DATE	CHANGE DESCRIPTION

CML LINDEN BRANCH
2223 CLEVELAND AVE
COLUMBUS, OH 43211
FOR
COLUMBUS METROPOLITAN LIBRARY

300 SPRUCE STREET
SUITE 300
COLUMBUS, OHIO 43215
PHONE: (614) 461-4664
FAX: (614) 280-8881

ENLARGED PLANS - TELECOMMUNICATIONS

11/21/2023
DRAWN BY: Author CHECKED BY: Checker
11/20/2023
Bicsi
Proj. # 21507
T401
PERMIT SET

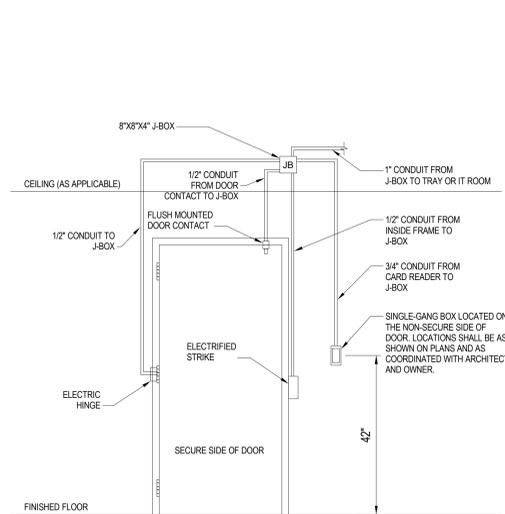


1 DETAIL HDMI FACEPLATE
N.T.S.

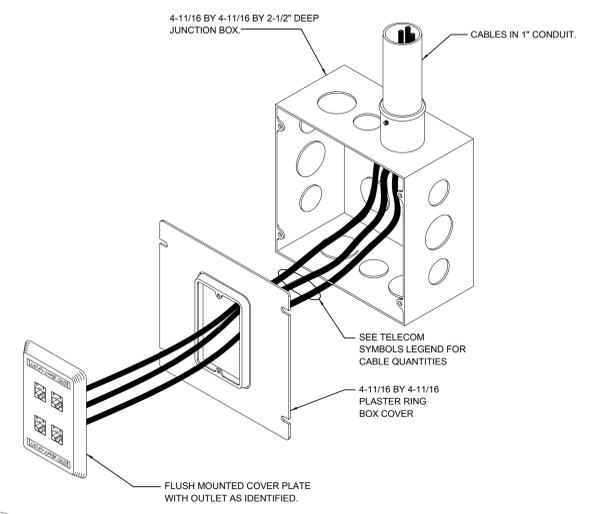
2 DETAIL TV FACEPLATE
N.T.S.

3 DETAIL VOIP WALL PHONE FACEPLATE
N.T.S.

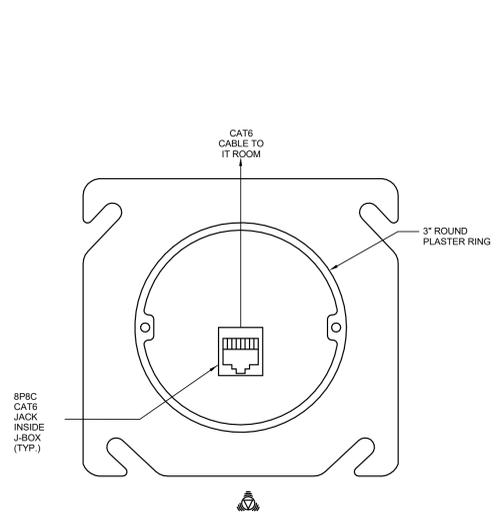
4 DETAIL GENERAL DATA FACEPLATE
N.T.S.



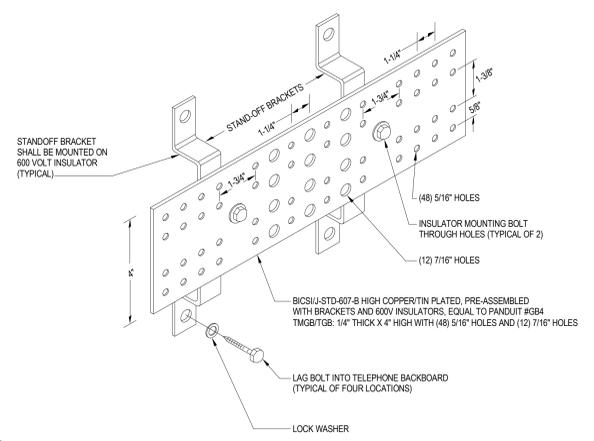
5 DETAIL ACS DOOR DEVICES
N.T.S.



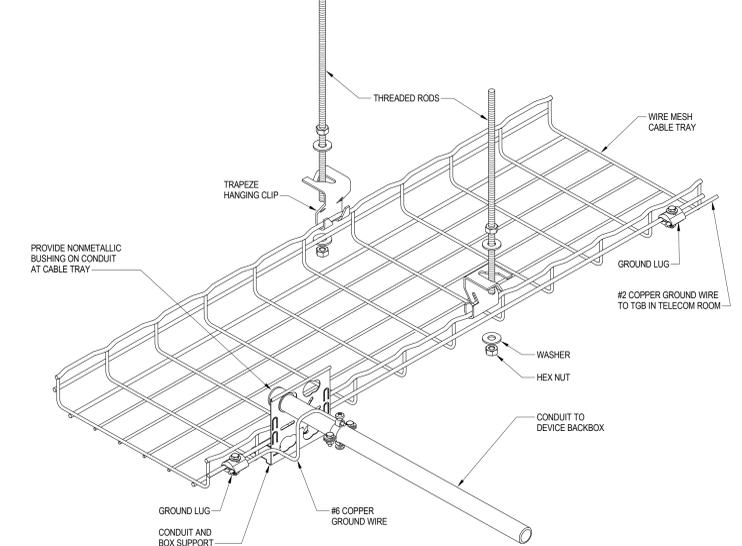
6 DETAIL SINGLE GANG OUTLET MOUNTING
N.T.S.



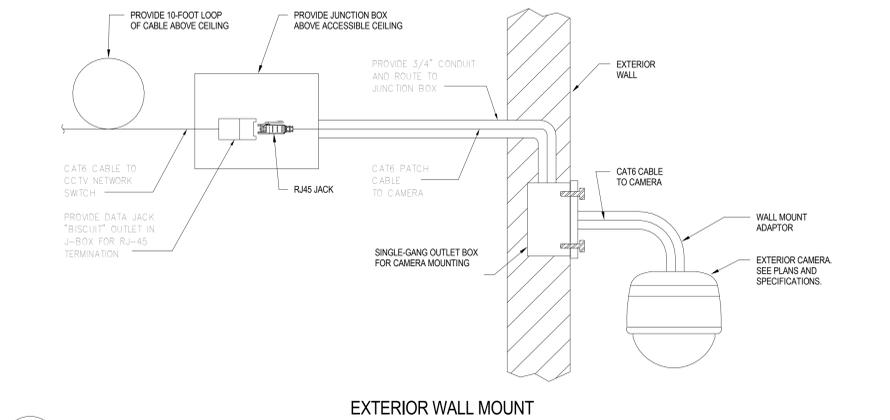
7 DETAIL WAP FACEPLATE
N.T.S.



8 DETAIL TELECOM BUSBAR
N.T.S.



9 DETAIL CABLE TRAY MOUNTING
N.T.S.



10 DETAIL CCTV CAMERA BUILDING MOUNTING
N.T.S.

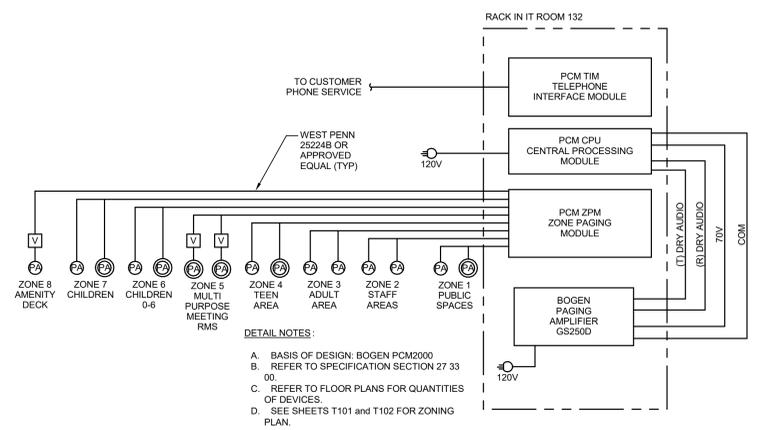
#	DATE	CHANGE DESCRIPTION

CML LINDEN BRANCH
2223 CLEVELAND AVE
COLUMBUS, OH 43211
FOR
COLUMBUS METROPOLITAN LIBRARY

300 SPRUCE STREET
SUITE 300
COLUMBUS, OHIO 43215
PHONE: (614) 461-4664
FAX: (614) 280-8881

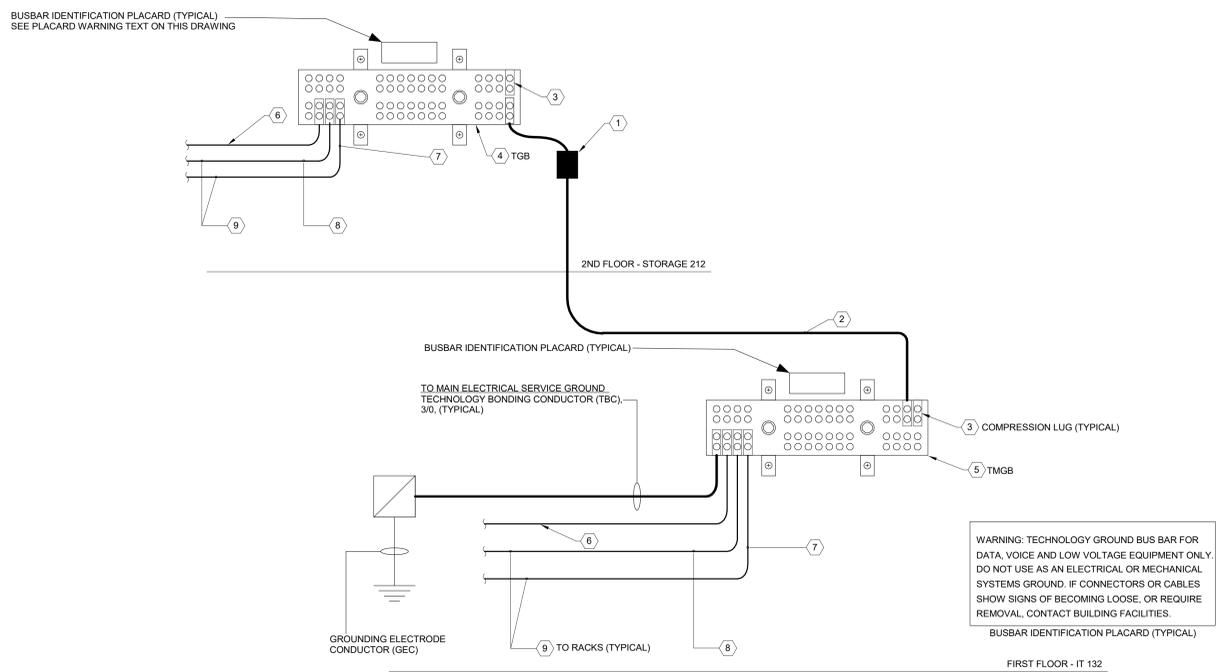
MOODY-NOLAN
DRAWING TITLE:
DETAILS - TELECOMMUNICATIONS

11/20/2023
DRAWN BY: Author | CHECKED BY: Checker
Proj. # 21507
T501
PERMIT SET



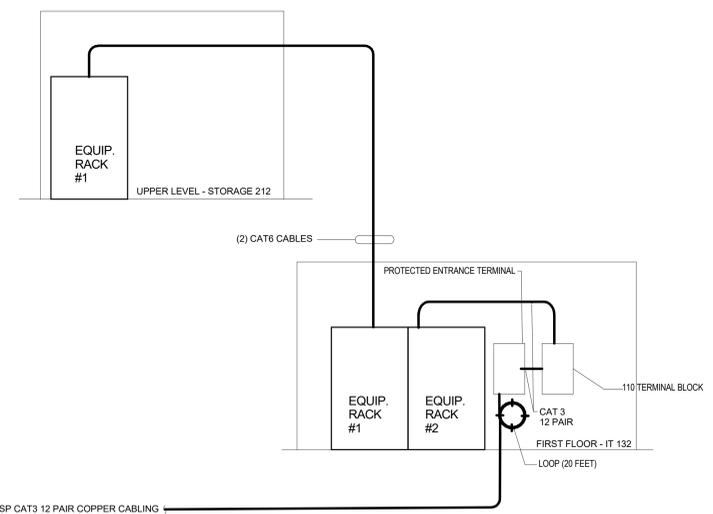
1 DETAIL SCHEMATIC - PAGING SYSTEM
N.T.S.

DETAIL NOTES:
 A. BASIS OF DESIGN: BOGEN PCM2000
 B. REFER TO SPECIFICATION SECTION 27 33 00
 C. REFER TO FLOOR PLANS FOR QUANTITIES OF DEVICES.
 D. SEE SHEETS T101 and T102 FOR ZONING PLAN.

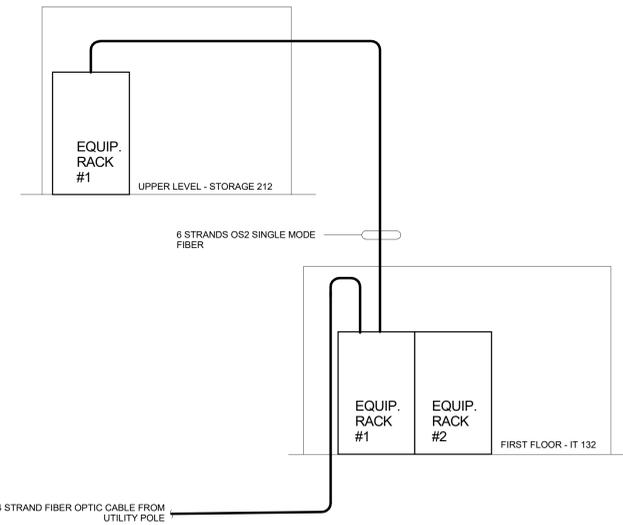


2 DETAIL SCHEMATIC - GROUNDING DIAGRAM
N.T.S.

NOTES:
 1. WITH THE EXCEPTION OF THE MAIN ELECTRICAL SERVICE GROUND, ALL BONDING CONDUCTOR SIZES ARE SHOWN FOR REFERENCE ONLY. ACTUAL SIZE OF EACH BONDING CONDUCTOR SHALL BE BASED ON ITS LENGTH AS SPECIFIED BY THE TIA 607-C. ALL BONDING CONDUCTORS SHALL BE INSULATED.
 2. ALL TECHNOLOGY BUSBARS SHALL HAVE AN ENGRAVED PLACARD AFFIXED DIRECTLY ABOVE THE BUSBAR, SEE ABOVE TYPICAL PLACARD FOR WORDING.
 3. EACH GROUNDING AND BONDING CONDUCTOR SHALL BE LABELED AT ITS POINT OF TERMINATION WITH THE FOLLOWING INFORMATION, "IF THIS CONNECTOR OR CABLE IS LOOSE OR MUST BE REMOVED, PLEASE NOTIFY BUILDING FACILITIES IMMEDIATELY."



3 DETAIL SCHEMATIC - COPPER RISER DIAGRAM
N.T.S.



4 DETAIL SCHEMATIC - FIBER OPTIC RISER
N.T.S.

SHEET KEYNOTES

1. COMPRESSION TYPE 'H' TAP (TYPICAL).
2. TECHNOLOGY BONDING BACKBONE (TBB), INSULATED (TYPICAL).
3. TWO HOLE, LONG BARREL COMPRESSION LUG WITH WINDOW (TYPICAL).
4. TECHNOLOGY GROUNDING BUSBAR (TGB).
5. TECHNOLOGY MAIN GROUNDING BUSBAR (TMGB).
6. PROVIDE #6 AWG BONDING CONDUCTOR FROM NETWORK ELECTRONICS TO ROOM TGB.
7. TO METAL BUILDING FRAME (BC), MINIMUM #6 AWG, STRANDED COPPER, INSULATED.
8. TO LOCAL ELECTRICAL PANEL (BC), MINIMUM #6 AWG, STRANDED COPPER, INSULATED.
9. TO RACKS, CABLE TRAY & EQUIPMENT SEPARATE BONDING CONDUCTORS (BC), MINIMUM #6 AWG, STRANDED COPPER, INSULATED (TYPICAL).

#	DATE	CHANGE DESCRIPTION

CML LINDEN BRANCH
 2223 CLEVELAND AVE
 COLUMBUS, OH 43211
 FOR
COLUMBUS METROPOLITAN LIBRARY

MOODY-NOLAN
 300 SPRUCE STREET
 SUITE 300
 COLUMBUS, OHIO 43215
 PHONE: (614) 461-4664
 FAX: (614) 280-8881

DIAGRAMS - TELECOMMUNICATIONS

11/21/2023
 DRAWN BY: Author CHECKED BY: Checker
 Proj. # 21507
T701
 PERMIT SET