

BUILDING CODE INFORMATION (2017 OBC)

DESCRIPTION OF WORK THIS PROJECT CONSISTS OF AN INTERIOR RENOVATION TO LIMITED AREAS ON THE GROUND FLOOR OF AN EXISTING 1-STORY LIBRARY.

EXISTING BUILDING INFORMATION (UNCHANGED) EXISITNG BUILDING SQUARE FOOTAGE: 25,005 EXISTING USE GROUP: B, A-3 (LIBRARY)

SPRINKLER SYSTEM (UNCHANGED) LIMITED SPRINKLER SYSTEM IN EXISTING SPRINKLER ROOM MANUAL FIRE ALARM

GENERAL BUILDING HEIGHT AND AREA (UNCHANGED) CONSTRUCTION TYPE IV WITH LIMITED SPRINKLER

ALLOWABLE BUILDING HEIGHT A-3 (NON SPRINKLERED) 65' (TABLE 504.3) ALLOWABLE NUMBER OF STORIES A-3 (NON SPRINKLERED) 3 (TABLE 504.4) ALLOWABLE BUILDING AREA A-3 (S1) 60,000 (TABLE 506)

FIRE RESISTANCE RATING REQUIREMENTS PRIMARY STRUCTURAL FRAME HT

FRIMART STRUCTURAL FRAME	
BEARING WALLS - EXTERIOR	
BEARING WALLS - INTERIOR	
NON-BEARING WALLS - EXTERIOR	
NON-BEARING WALLS - INTERIOR	
FLOOR & SECONDARY MEMBERS	
ROOF & SECONDARY MEMBERS	

2 HOUR 1/HT HOUR 0 HOUR 0 HOUR HT HT

OCCUPANT LOADS UNCHANGED

COMMON PATH OF TRAVEL UNCHANGED

<u>EXITS</u> UNCHANGED

CORRIDORS UNCHANGED

ACCESSIBLE MEANS OF EGRESS UNCHANGED

SHEET INDEX

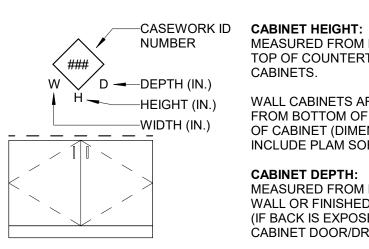
Sheet Number Sheet Name

G000	COVER, INDEX, GENERAL NOTES, AND LEGENDS
ARCHITECTURE	

A100	FIRST FLOOR PLANS
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A102	SCHEDULES AND DETAILS
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E000	GENERAL INFORMATION - ELECTRICAL
ED400	ENLARGED PLANS - LIGHTING - DEMOLITION
ED401	ENLARGED PLANS - POWER AND SYSTEMS - DEMO
E400	ENLARGED PLANS - LIGHTING
E401	ENLARGED PLANS - POWER AND SYSTEMS
E700	DIAGRAMS - ELECTRICAL

DRAWING SYMBOLS

	REVISION BUBBLE AND TAG
Name Elevation	LEVEL
SIM 1 A101	-CALLOUT, SECTION OR DETAIL NUMBER -SHEET NUMBER
	-WALL SECTION OR DETAIL NUMBER
A101	-SHEET NUMBER
1 SIM 1 SIM	-BUILDING SECTION NUMBER
A101 A101	-SHEET NUMBER
	-INT. ELEVATION NUMBER
A9-1	-SHEET NUMBER
— 0	NEW COLUMN LINE
()	EXISTING COLUMN LINE
View I	Name 1
	^{1/8" = 1'-0"}
DRAWING	
	NEW DOOR NUMBER
	EXISTING DOOR NUMBER
	CODED NOTE
P9A A	PARTITION TYPE
BLXXX MODIFIER	BORROWED LITE TAG
103	DOOR TAG
103 103 1000R NUMBER 103 DOOR HARDWARE SET	DOOR AND HARDWARE TAG
#	WALL FINISH TYPE
T-1	TOILET ACCESSORY
RM NAME	ROOM NAME ROOM NUMBER
1314SF	ROOM AREA
CASEWORK TAG LE	GEND



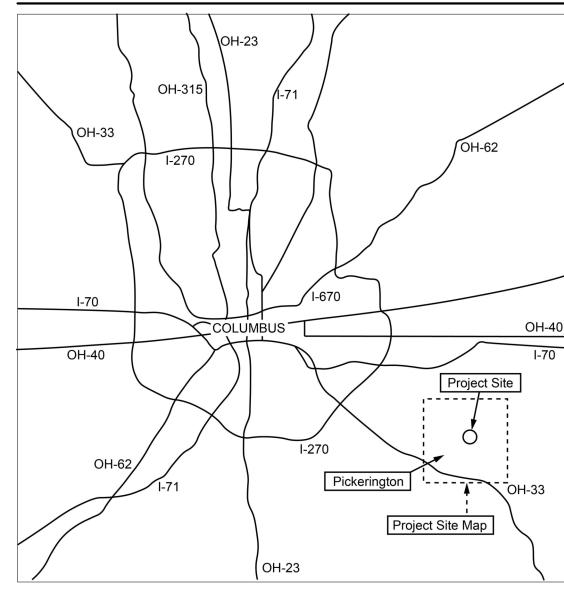
MEASURED FROM FINISHED FLOOR TOP OF COUNTERTOP FOR BASE CABINETS.

WALL CABINETS ARE MEASURED FROM BOTTOM OF CABINET TO TOP OF CABINET (DIMENSION DOES NOT INCLUDE PLAM SOFFIT)

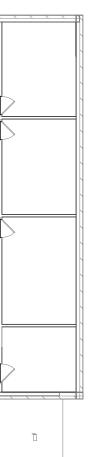
CABINET DEPTH: MEASURED FROM FINISHED FACE OF WALL OR FINISHED BACK OF CABINE (IF BACK IS EXPOSED) TO FACE OF CABINET DOOR/DRAWER

GENERAL NOTES

	GENERAL NC	DTES				
IDS	FOR THE PROPER EX CONTRACTOR(S.) TH ARE COMPLEMENTAR REQUIRED BY ALL; PE	CONTRACT DOCUMENTS IS TO INCLUDE ECUTION AND COMPLETION OF THE W IE CONTRACT DOCUMENTS (DRAWING RY, AND WHAT IS REQUIRED BY ONE SE ERFORMANCE BY THE CONTRACTOR(S	ORK BY THE S AND SPECIFICATIONS) IALL BE AS BINDING AS IF) SHALL BE REQUIRED	14. FIELD VERIFY ALL EXISTING UNDERGROUND UT 15. FIELD VERIFY ALL EXISTING SITE DIMENSIONS I 16. SCHEDULE ALL SHUT DOWNS OF UTILITIES WIT	PRIOR TO START OF CONSTRUCTION. TH THE OWNER IN A TIMELY MANNER	
		D CONSISTENT WITH THE CONTRACT D ABLE FROM THEM AS BEING NECESSAR		SUCH THAT THE OWNER CAN ACCOMMODATE BEFOREHAND TO MINIMIZE THE DURATION OF WHERE POSSIBLE.		ARCHITECT © 2022 DESIGNGROUP, INC.
	2. IT IS THE RESPONSIB SYSTEMS FOR NEW E	ILITY OF THE CONTRACTOR(S) TO PRO ELEMENTS.	VIDE COMPLETE WORKING	17. THE EXISTING BUILDING ENVELOPE SHALL BE N CONDITION AT ALL TIMES.	MAINTAINED IN A WATER-TIGHT	515 E. MAIN STREET D//614 255.0515 COLUMBUS, OH 43215
	SPECIFIED. 4. INSTALL ALL WORK, A APPLICABLE LOCAL, S	ALL PROVIDE NEW, UNDAMAGED MATE AND PROVIDE ALL NOTICES, IN ACCORE STATE AND NATIONAL CODES, PUBLISH RUCTION STANDARDS.	DANCE WITH CURRENT	 DEFINITIONS: FURNISH - TO SUPPLY, PURCHASE, PROCURE, W/ RELATED ACCESSORIES AND TRANSFER TO INSTALL - TO RECEIVE, UNLOAD, DISTRIBUTE, O CONNECT COMPLETE W/ RELATED ACCESSOF REGULAR OPERATION AS APPLICABLE. PROVID COSTS IN CONNECTION THEREWITH. 	D OTHERS FOR INSTALLATION. CONSTRUCT, ERECT, MOUNT, AND RIES AND READY FOR SAFE AND	LORNE T
DEMOLITION	6. THE CONTRACTOR(S PERMITTED BY APPLI REGULATIONS, LAWF	L BE PLUMB AND LEVEL UNLESS NOTE) SHALL CONFINE OPERATIONS AT THE CABLE LAWS, STATUES, ORDINANCES, UL ORDERS OF PUBLIC AUTHORITIES, IALL NOT UNREASONABLY ENCUMBER	SITE TO AREAS CODES, RULES AND AND THE CONTRACT	19. SCOPE OF WORK SHALL BE AS DEFINED IN THE ANY DIGITAL DATA PROVIDED BY THE DESIGN T INFORMATION OR CONVENIENCE ONLY UNLES AN AGREEMENT ASSOCIATED WITH THE DIGITA	IEAM IS FOR CONTRACTOR(S) S SPECIFICALLY NOTED OTHERWISE IN	EISEN 2018042 ENCLOSED ARED ARED ARED
_	AREAS MAY REQUIRE	DICATED NIC ARE "NOT IN CONTRACT". ACCESS THROUGH OR IN NIC INDICAT TEMS TO THEIR ORIGINAL CONDITION IF	ED ROOMS. REPAIR ALL	 COORDINATION OF TRADES: CONTRACTOR(S) SHALL COORDINATE THE WO EACH SUB-CONTRACTOR SHALL OBTAIN AND F PERMIT, SCHEDULE REQUIRED INSPECTIONS, A TRADEG 	AY FOR REQUIRED BUILDING	Lorne D. Eisen, License #2018042 Expiration Date, 12/31/2023
G		ALL BE RESPONSIBLE FOR MAINTAINING AREAS OF THE BUILDING DURING CONS		TRADES. DISCREPANCIES/ CLARIFICATIONS:		
	AREAS AS REQUIRED	PROVIDE PROTECTED USABLE PATHW TO ACCOMMODATE OWNERS BUILDIN LL MAINTAIN PATHWAYS THROUGHOU	G FUNCTIONS.	 CONTRACTOR(S) SHALL VERIFY ALL ELEVATION CONDITIONS PRIOR TO INITIATING CONSTRUCT DO NOT SCALE DRAWINGS TO DETERMINE DIM 	ION.	
		ALL DETERMINE ERECTION PROCEDUR TEMPORARY BRACING, ETC. THAT MA K.		 NOT INDICATED, CONTACT THE ARCHITECT FO DETAILS ARE GENERALLY TYPICAL AND ARE NO THOSE AREAS SPECIFICALLY INDICATED. F CONFLICTING INFORMATION WITH THE ARCHI 	OT TO BE CONSTRUED AS LIMITED TO REVIEW ANY QUESTIONS OR	ADVANCED ENGINEERING
	REQUIRED TO COMPI PROPERLY. ALL ARE RESTORED TO THE C) SHALL BE RESPONSIBLE FOR CUTTIN LETE THE WORK OR TO MAKE ITS PART AS REQUIRING CUTTING, FITTING, OR F ONDITION EXISTING PRIOR TO THE CU DTHERWISE REQUIRED BY THE CONTRA	TS FIT TOGETHER PATCHING SHALL BE ITING, FITTING, OR	 WHERE A DISCREPANCY IS FOUND BETWEEN E BETWEEN ARCHITECTURAL, STRUCTURAL, PLU ELECTRICAL CONTRACT DOCUMENTS, NOTIFY TO BIDDING, FABRICATION OR INSTALLATION. 	EXISTING FIELD CONDITIONS AND/OR JMBING, FIRE PROTECTION, HVAC, OR	CONSULTANTS FIRM ENGINEERING 1405 DUBLIN ROAD COLUMBUS, OH 43215 D// 614 486.4778
	OVERLOAD, OR OTHE CONSTRUCTION.	E STORED IN SUCH A MANNER AS NOT ERWISE PUT AN UNSAFE LOAD ON ANY OPENINGS WITH MANUFACTURERS PRIO	STRUCTURE DURING	5. DRAWINGS SHOWING EXISTING CONSTRUCTIO CASUAL FIELD OBSERVATION AND EXISTING RE THAT CONSTRUCTION AND UTILITIES ARE AS IN ARCHITECT BEFORE DISTURBING EXISTING INS CONSTITUTES ACCEPTANCE OF EXISTING CON UPON EXAMINATION PRIOR TO STARTING DEMI	ECORD DOCUMENTS ONLY. VERIFY IDICATED. REPORT DISCREPANCIES TO STALLATION. BEGINNING OF WORK IDITIONS THAT WOULD BE APPARENT	
ARG	CHITECTURAL ABBR	EVIATIONS	ARCHITECTUF	RAL MATERIALS	JEITION.	
B/ E C/C (C) CIP (C) CFMF (C) CL (C) CMU (C) COL (C) DF E DIA E DN E DN E EL E EQ E EL E EQ E EU FD F FDC F	ABOVE FINISHED FLOOR BOTTOM OF CENTER TO CENTER CAST IN PLACE COLD FORMED METAL FRAMING CONSTRUCTION JOINT / CONTROL CENTER LINE CONCRETE MASONRY UNIT COLUMN DRINKING FOUNTAIN DIAMETER DOWN DOWNSPOUT EXTERIOR INSULATION FINISH ELEVATION EQUAL ELECTRIC WATER COOLER EXPANSION JOINT FLOOR DRAIN FIRE DEPARTMENT CONNECTION FIRE DEPARTMENT VALVE FIRE EXTINGUISHER FIRE EXTINGUISHER FIRE EXTINGUISHER FIRE RETARDANT TREATED GAUGE GLASS	GWBGYPSUM WALL BOARDHBHOSE BIBBHMHOLLOW METALIDINSIDE DIAMETERJTJOINTMAXMAXIMUMMINMINIMUMMOMASONRY OPENINGNANOT APPLICABLENICNOT IN CONTRACTNTSNOT TO SCALEOBCOHIO BUILDING CODEOCON CENTERODOUTSIDE DIAMETEROPPOPPOSITEPLPROPERTY LINEPLAMPLASTIC LAMINATEPTPRESERVATIVE TREATEDRRISERRDROOF DRAINREVREVISION / REVISEDROROUGH OPENINGSFSQUARE FEETSSTSTAINLESS STEELTTREADT/TOP OFUNOUNLESS NOTED OTHERWISEVIFVERIFY IN FIELDWPWORK POINT / WORKING POINWWFWELDED WIRE FABRIC	ALUMINUM ASPHALT ASPHALT BATT INSUL BRICK CEILING TILL CONCRETE CONCRETE CONCRETE EARTH FIREPROOF FIRESAFING	E GYPSUM BOARD ACOUSTICAL PARTICLE BOARD BLOCK MIGID INSULATION RIGID INSULATION MIGID INSULATION SEMI-RIGID INSULATION SPRAY FOAM INSULATION	STONE 1STONE 2STONE 2STUCCOTERRAZZOWOOD FINISHWOOD (INTERMITTENT)WOOD (CONTINUOUS)	
	PROJECT VICINITY	MAP	PF	ROJECT LOCATION MAP		
G	OH-33 OH-315 OH-33	3 -71 OH-62		Refugee Rd Dy Long Rd Bowen Rd Pickerin	content Columbus St	# DATEDESCRIPTIONCLIENTPickerington PublicLibrary - Main Branch
ED FLOOR TO R BASE SURED	I-70 OH-40	ABUS Project S	OH-40 I-70	Busey Rd	Opportunity Way	201 Opportunity Way Pickerington, OH 43147
ET TO TOP DOES NOT ED FACE OF	OH-62 I-71	I-270 Pickerington	ОН-33		4-33	COVER, INDEX, GENERAL NOTES, AND LEGENDS
OF CABINET FACE OF		Project Site Map	\mathbf{n}	Hill Rd	Ň	commission no. 22030.00



Pickerington Public Library - Main Branch

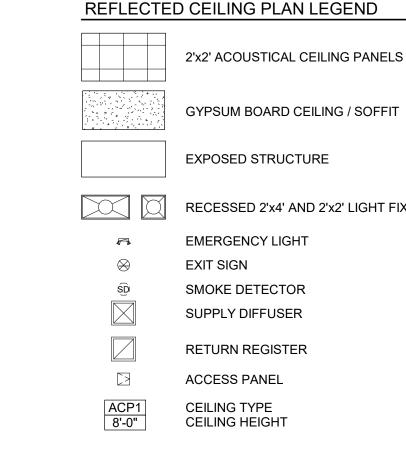


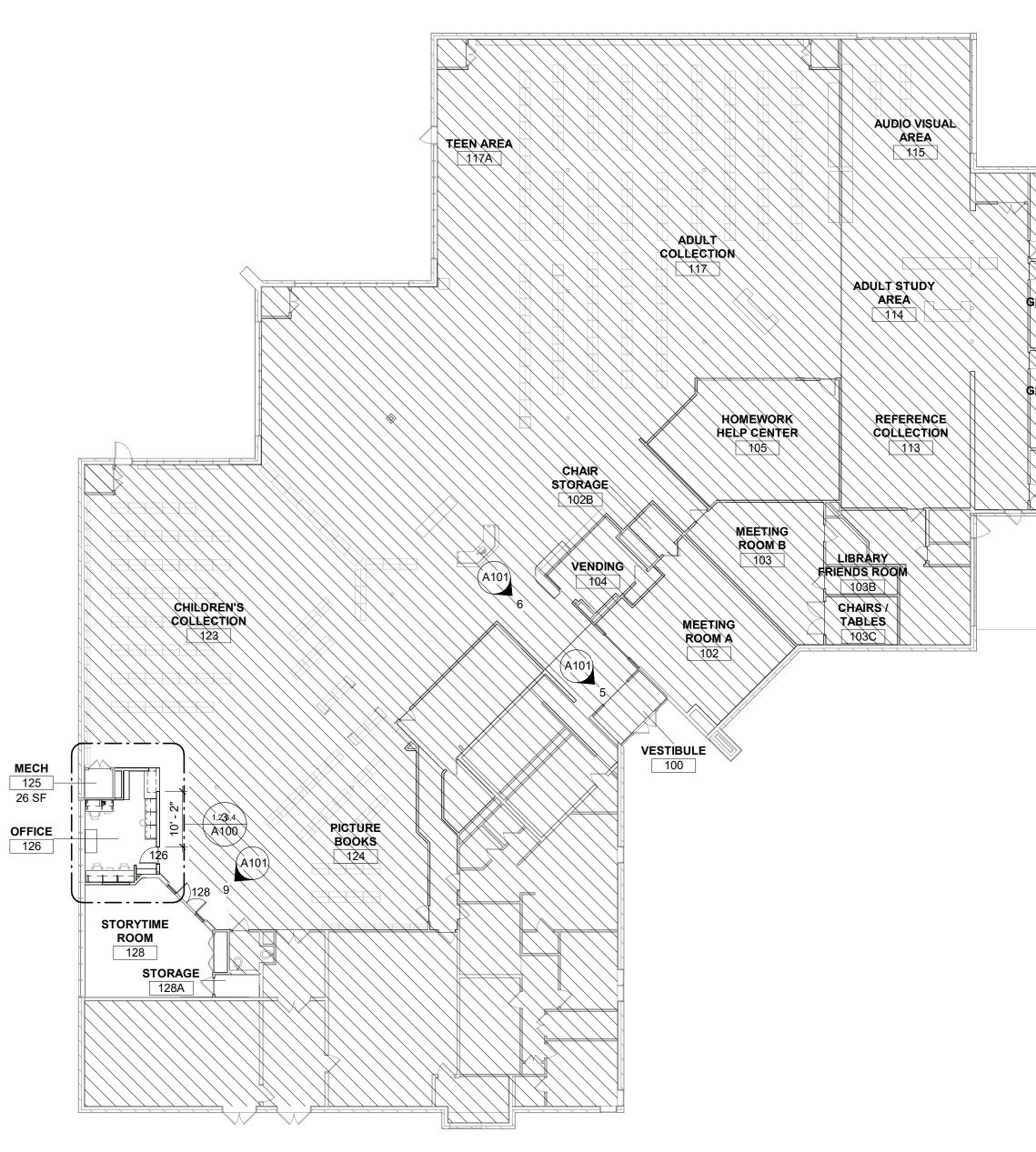
scale: As indicated date: 03-15-2023 revised:

commission no. 22030.00

FOR BID **G000**

- 1. ALL CEILING HEIGHTS TO MATCH EXISTING CONDITIONS UNLESS NOTED OTHERWISE, REFER TO PLANS. 2. THESE DRAWINGS SHALL BE USED FOR LAYOUT OF ALL CEILING
- DEVICES. ALL CEILING MOUNTED DEVICES ARE TO BE ALIGNED AND EQUALLY SPACED. CONSULT WITH ARCHITECT IF A CONFLICT ARISES WITH PLUMBING, MECHANICAL, AND ELECTRICAL DRAWINGS. ALL FIXTURES ARE DIMENSIONED TO CENTERLINE OF FIXTURE.
- 3. ALL MECHANICAL, PLUMBING AND ELECTRICAL DEVICES ARE TO BE CENTERED WITHIN CEILING PANELS UNO. COORDINATE WITH LIGHTING, DIFFUSERS, EXHAUST VENTS, PROJECTORS, AND ALL OTHER CEILING MOUNTED ITEMS.
- 4. REFER TO PLUMBING, MECHANICAL AND ELECTRICAL DRAWINGS FOR THE EXTENT AND SPECIFIED DESCRIPTION OF PLUMBING, MECHANICAL AND ELECTRICAL CEILING MOUNTED DEVICES. NOTE: NOT ALL CEILING MOUNTED DEVICES ARE SHOWN ON THIS PLAN. 5. WHERE LAY-IN CEILING GRIDS ARE NOT DIMENSIONED, CEILING GRID
- SHALL BE EQUAL FROM OPPOSING EDGES OF ROOM. WHERE LAYOUT RESULTS IN PANEL CUT SIZES SMALLER THAN 3 INCHES REVIEW WITH ARCHITECT BEFORE BEGINNING INSTALLATION WORK IN ROOM. 6. REFER TO ROOM FINISH SCHEDULE FOR ACOUSTICAL CEILING PANEL
- 7. REFER TO ROOM FINISH SCHEDULE FOR CEILING AND SOFFIT PAINT COLORS.

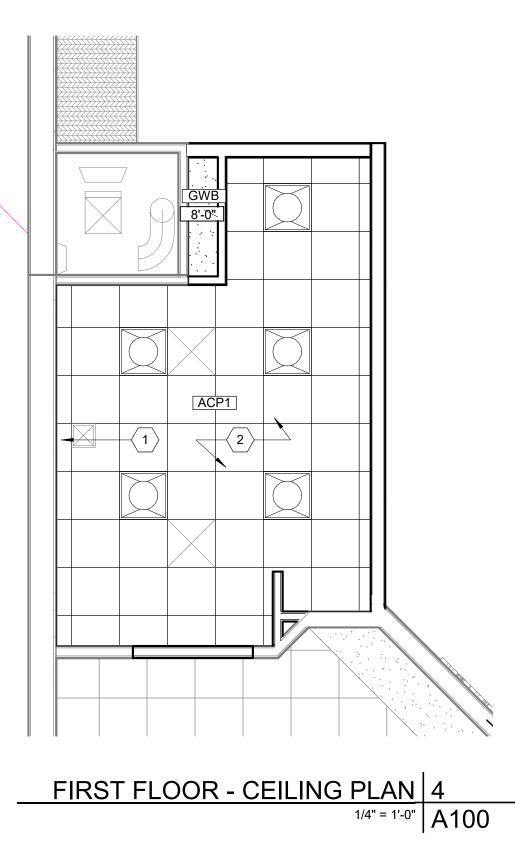




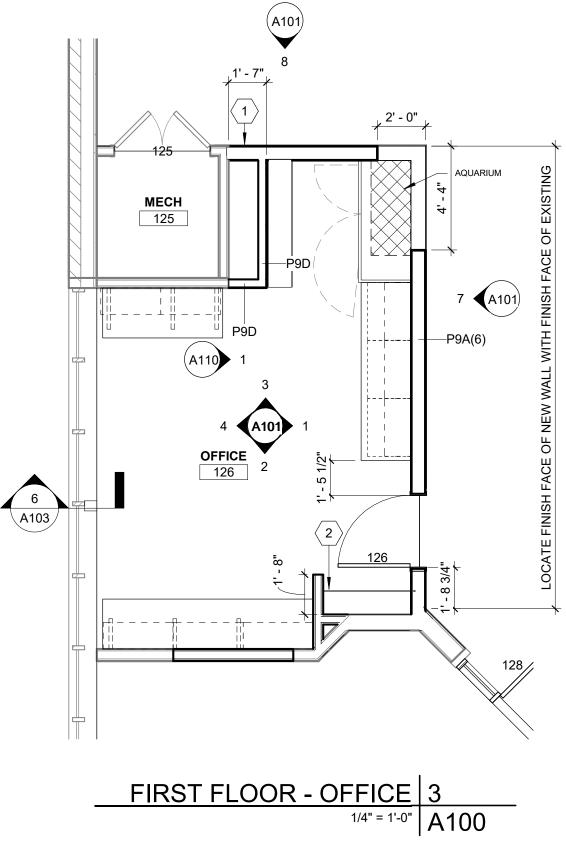
FIRST FLOOR - NEW WORK PLAN 5 ^{1/16" = 1'-0"} A100

RECESSED 2'x4' AND 2'x2' LIGHT FIXTURE





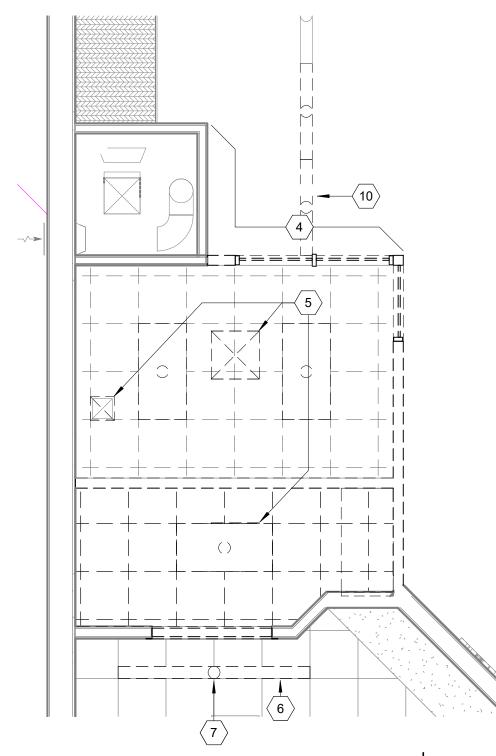
- CODED NOTES REFLECTED CEILING PLAN DESCRIPTION
- NEW WINDOW TREATMENT. SEE CODED NOTE 1 ON SHEET A101 2 INSTALL CEILING GRID AT SAME HEIGHT AS EXISTING GRID.



CODED NOTES - FIRST FLOOR OFFICE DESCRIPTION

TRANSFER GRILL. REFER TO MECHANICAL DRAWINGS 2 FILE HANGING RODS 1/2" DIAMETER

#



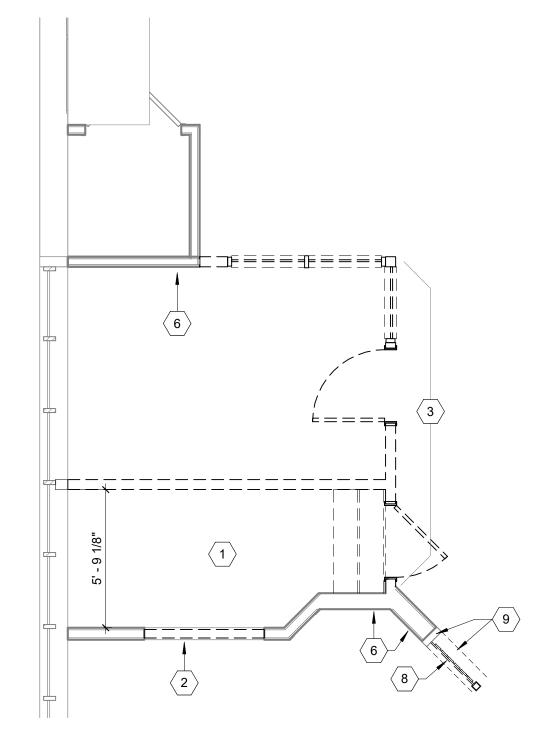


DEMOLITION PLAN LEGEND

CODED NOTE DEMO EXISTING TO REMAIN

EXISTING TO BE REMOVED

NEW CONSTRUCTION AREA NOT IN CONTRACT



FIRST FLOOR - DEMOLITION PLAN

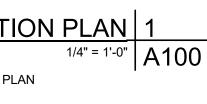
CODED NOTES - DEMOLITION PLAN

DESCRIPTION

DEMOLISH EXISTING STAGE AND STAIRS. PREP FOR NEW FINISHES AND WALL BASE. PATCH AND REPAIR EXISTING WALLS TO REMAIN FOR NEW FINISHES. REMOVE EXISTING FRAME FROM OPENING/ PREP FOR WALL INFILL. REMOVE EXISTING PARTITION, INCLUDING ITEMS MOUNTED TO WALL, UP TO WOOD TRIM. SUPPORT PARTITION TO REMAIN TO ALLOW FOR NEW CONSTRUCTION 4 SELECTIVE DEMOLISH PORTION OF WOOD TRIM, SEE NEW WORK PLAN FOR CLARITY. REMOVE, CLEAN AND STORE FOR REINSTALLATION, TYPICAL OF 3

- 6 PATCH AND REPAIR WALL. REPAIR OR REPLACE CEILING PANEL WHERE EXISTING LIGHT IS REMOVED
- 8 DEMOLISH EXISTING DECORATIVE WOOD FENCE. 9 DEMOLISH EXISTING WOOD TRIM, SEE DRAWINGS FOR OPENING SIZE.
- 10 PATCH AND REPAIR THE CEILING WHERE NECESSARY.





GENERAL NOTES - DEMOLITION

- REFER TO G000 COVER SHEET FOR ADDITIONAL NOTES.
- 1. CONTRACTOR IS RESPONSIBLE TO VISIT SITE AND DETERMINE EXTENT AND ACTUAL NATURE OF WORK TO BE DEMOLISHED. 2. DEMOLITION WORK SHALL BE EXECUTED IN CONFORMANCE WITH ALL
- APPLICABLE CODES AND ORDINANCES. 3. SOLID LINES ON FLOOR PLANS REPRESENT BUILDING ELEMENTS TO
- REMAIN. DASHED LINES REPRESENT BUILDING ELEMENTS TO BE DEMOLISHED OR RELOCATED. COORDINATE ALL DEMOLITION WORK WITH NEW CONSTRUCTION AS SHOWN ON NEW CONSTRUCTION PLAN. DEMOLITION OF EXISTING PARTITIONS SHALL INCLUDE ALL PARTITION COMPONENTS, INCLUDING BRACING WHERE EXISTING, AND ALL ITEMS ON OR WITHIN THE PARTITION.
- DOORS SHOWN DASHED INCLUDE DOOR LEAF, FRAME AND ALL ASSOCIATED HARDWARE, UNLESS NOTED OTHERWISE.
- REMOVE EXISTING FINISHES AT LOCATIONS WHERE NEW FINISHES ARE SCHEDULED, UNO REPLACE OR REPAIR ANY EXISTING FINISHES
- SCHEDULED TO REMAIN, WHICH ARE DAMAGED DURING DEMOLITION. REMOVE ALL PLUMBING, MECHANICAL AND ELECTRICAL WORK CONTAINED IN OR ATTACHED TO WALLS AND/OR CEILINGS WHICH ARE TO BE REMOVED. COORDINATE EXISTING WORK TO REMAIN OR BE REUSED. CAP
- EXISTING LINES TO BE DEMOLISHED BEHIND REMAINING SURFACES, OR REMOVE TO NEAREST ALLOWABLE LOCATION, OR AS SPECIFIED OR NOTED. REFER TO PLUMBING, MECHANICAL, AND ELECTRICAL DRAWINGS FOR FURTHER DEMOLITION REQUIREMENTS.
- REMOVE ANY ADDITIONAL ITEMS (WALL/FLOOR/CEILING-MOUNTED BRACKETS OR FRAMING, WIRE HANGERS OR RODS, ETC.) AS REQUIRED FOR COMPLETION OF NEW WORK
- COORDINATE WITH OWNER PRIOR TO DEMOLITION FOR SALVAGE ITEMS TO BE TURNED OVER TO THE OWNER. 10. DUE CARE SHALL BE USED WITH DEMOLITION OF EXISTING WALLS TO
- ENSURE THAT ADJACENT SURFACES WHICH ARE TO REMAIN ARE NOT DAMAGED. REPAIR ANY RESULTING DAMAGE TO ORIGINAL CONDITION. 11. WHERE EXISTING CONSTRUCTION, EQUIPMENT, ETC., IS REQUIRED TO BE
- REMOVED, ALL AFFECTED AREAS SHALL BE PATCHED AND/OR FINISHED TO MATCH ADJACENT SURFACES. REFER TO SPECIFICATION SECTION 02 41 19 SELECTIVE DEMOLITION, DIVISION 21, 22, 23, 26 AND 27 REMOVALS, ALTERATIONS AND REUSE FOR ADDITIONAL INFORMATION AND PROCEDURES.
- 12. WHERE EXISTING CEILING SYSTEMS TO REMAIN HAVE ITEMS REMOVED, PROVIDE NEW CEILING PANELS TO MATCH EXISTING. 13. PATCH WALLS AT OWNER-REMOVED EQUIPMENT AND PREPARE FOR NEW
- FINISHES. 14. THE OWNER SHALL REMOVE ALL NON-FIXED SALVAGE ITEMS PRIOR TO DEMOLITION. CONTRACTOR SHALL COORDINATE WITH OWNER PRIOR TO DEMOLITION REGARDING FIXED ITEMS TO BE TURNED OVER TO THE
- OWNER AS SALVAGED ITEMS. 15. REMOVE ALL SIGNAGE AND ARTWORK AND TURN OVER TO THE OWNER. 16. CONTRACTOR IS RESPONSIBLE FOR MEANS AND METHODS OF DEMOLITION AND SHALL PROVIDE TEMPORARY PARTITIONS AS REQUIRED
- TO SEPARATE CONSTRUCTION FROM ADJACENT OCCUPIED AREAS. 17. CUTTING OF EXISTING BEAMS AND STRUCTURAL ELEMENTS IS PROHIBITED, UNLESS NOTED IN STRUCTURAL DRAWINGS.
- 18. BRACE ALL EXISTING WORK (STRUCTURAL AND NON-STRUCTURAL) AS REQUIRED TO COMPLETE DEMOLITION AND NEW WORK. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO MAINTAIN THE
- INTEGRITY OF FIRE RATED ASSEMBLIES AT ALL EDGES AND PENETRATIONS DURING DEMOLITION AND NEW WORK. EXISTING FIREPROOFING OR FIRE ASSEMBLIES WHICH ARE DAMAGED DURING DEMOLITION SHALL BE REPAIRED TO CONFORM TO FIRE PROTECTION REQUIREMENTS. FILL ALL EXISTING AND NEW VOIDS IN RATED PARTITIONS AND SMOKE PARTITIONS ABOVE CEILING AS REQUIRED TO MAINTAIN DESIGNATED FIRE RATING.
- 20. GENERAL CONTRACTOR SHALL FILL ALL OPENINGS IN FLOOR REMAINING AFTER DEMOLITION OF DUCTWORK, PIPES AND CONDUIT PENETRATING FLOOR TO CONFORM TO CURRENT FIRE PROTECTION AND STRUCTURAL REQUIREMENTS. REFER TO FIRE RESISTIVE REQUIREMENTS LISTED IN THE BUILDING CODE INFORMATION ON THE INDEX SHEET.
- 21. CLEAN AND PREPARE SUBFLOOR SURFACES TO RECEIVE NEW FINISH FLOORING MATERIALS AFTER REMOVAL OF EXISTING FLOORING MATERIALS. REMOVE EXISTING ADHESIVES AND SURFACE IRREGULARITIES WHICH WOULD TELEGRAPH THROUGH THE NEW FLOOR SURFACE. GRIND RIDGES AND RAISED AREAS. BRING EXISTING FLOOR SURFACES TO A SMOOTH, LEVEL SURFACE, FREE OF RIDGES, RIPPLES, DEPRESSIONS, AND OTHER DEFECTS PRIOR TO INSTALLATION OF NEW FLOOR FINISHES. CHECK FLOOR SURFACES WITH A TEN FOOT LONG METAL STRAIGHTEDGE AND USE APPROPRIATE MATERIALS TO FILL TROUGHS AND DEFLECTIONS OF FLOOR SURFACES. FILL DEPRESSIONS AND REPAIR CRACKS. SUBFLOOR SURFACES SHALL BE CLEAN, SMOOTH. AND MADE FREE OF ALL BLEMISHES, UNEVENNESS AND EVIDENCE OF FORMER FLOOR FINISHES THAT COULD TELEGRAPH THROUGH THE NEW
- FLOOR FINISH. 22. REMOVE EXISTING RESILIENT BASE, CARPET BASE, FINISH CARPENTRY, CERAMIC WALL TILE, VINYL WALL FABRIC AND OTHER EXISTING FINISH MATERIALS FROM WALL SURFACES SCHEDULED TO RECEIVE NEW FINISHES. FILL HOLES, INCLUDING THOSE RESULTING FROM THE REMOVAL OF WALL MOUNTED DEVICES AND EQUIPMENT. PREPARE WALL SURFACES TO RECEIVE NEW FINISHES IN ACCORDANCE WITH ROOM FINISH SCHEDULE. WALL SURFACES SHALL BE CLEAN, SMOOTH, AND MADE FREE OF ALL BLEMISHES, UNEVENNESS AND EVIDENCE OF FORMER WALL CONDITIONS THAT COULD TELEGRAPH THROUGH THE NEW WALL FINISH
- 23. CLEAN AND REPAIR EXISTING HARD CEILING SURFACES SCHEDULED TO REMAIN AND RECEIVE NEW FINISHES. REPAIR SURFACES RESULTING FROM REMOVAL OF EQUIPMENT, DEVICES AND DEMOLISHED PARTITIONS PREPARE CEILING SURFACES TO RECEIVE NEW FINISHES IN ACCORDANCE WITH ROOM FINISH SCHEDULE. CEILING SURFACES SHALL BE CLEAN, SMOOTH, AND MADE FREE OF ALL BLEMISHES, UNEVENNESS AND EVIDENCE OF FORMER CEILING CONDITIONS THAT COULD TELEGRAPH THROUGH THE NEW CEILING FINISH.
- 24. ACCESS FOR HVAC, PLUMBING AND ELECTRICAL WORK SHALL BE COORDINATED WITH OWNER'S REPRESENTATIVE IN ADVANCE OF PLANNING WORK AT AREAS ABOVE AND BELOW PLANNED WORK.
- 25. MAINTAIN EXISTING WALL ABOVE WHERE POSSIBLE AND PROVIDE LINTELS WHERE REQUIRED FOR NEW OPENINGS IN EXISTING WALLS.

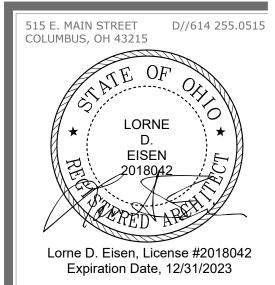
GENERAL NOTES - NEW CONSTRUCTION

- 1. PARTITION TYPES ARE INDICATED BY P9A, P9D, ETC. SEE SHEET A102 FOR PARTITION TYPES AND DETAILS.
- 2. PARTITIONS ARE TYPE P9A UNLESS NOTES OTHERWISE.
- 5. SEE NEW WORK AND ENLARGED PLANS ON THIS SHEET FOR CALL OUTS, REFERENCES, AND DIMENSIONS. 4. ALL DIMENSIONS ARE TO COLUMN CENTERLINES, FACE OF GYPSUM WALL BOARD, CONCRETE BLOCK OR CONCRETE UNLESS NOTED
- OTHERWISE. SEE THIS SHEET FOR CEILING FINISHES, CEILING HEIGHTS, AND OTHER
- CEILING INFORMATION. REFER TO G000 SERIES DRAWINGS FOR FIRE RATED CONSTRUCTION AND ADDITIONAL GENERAL NOTES.
- SEE A104 FOR DOOR, FRAME AND HARDWARE SCHEDULE SEE A105 FOR INTERIOR FINISHES.
- PROVIDE BLOCKING AS REQUIRED IN WALLS AND CEILING TO ANCHOR ALL WALL AND CEILING MOUNTED ITEMS, INCLUDING BUT NOT LIMITED TO MILLWORK / CASEWORK, DOOR HARDWARE, WALL AND CEILING MOUNTED EQUIPMENT AND FURNISHINGS, MIRRORS, SHELVING, CURTAIN TRACKS, SHADES AND BLINDS, VISUAL DISPLAY SURFACES, LIBRARY SHELVING AND EQUIPMENT, PROJECTION SCREENS, COUNTERTOP BRACKETS WHETHER SPECIFIED HEREIN OR PROVIDED BY OWNER. ALL WOOD BLOCKING TO BE A MINIMUM OF 2 X 6 AND BE FIRE RETARDANT TREATED UNO.



DESIGNGROUP

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ADVANCED ENGINEERING CONSULTANTS FIRM ENGINEERING

1405 DUBLIN ROAD D// 614 486.4778 COLUMBUS, OH 43215

> DATE DESCRIPTION

CLIENT

Pickerington Public Library - Main Branch

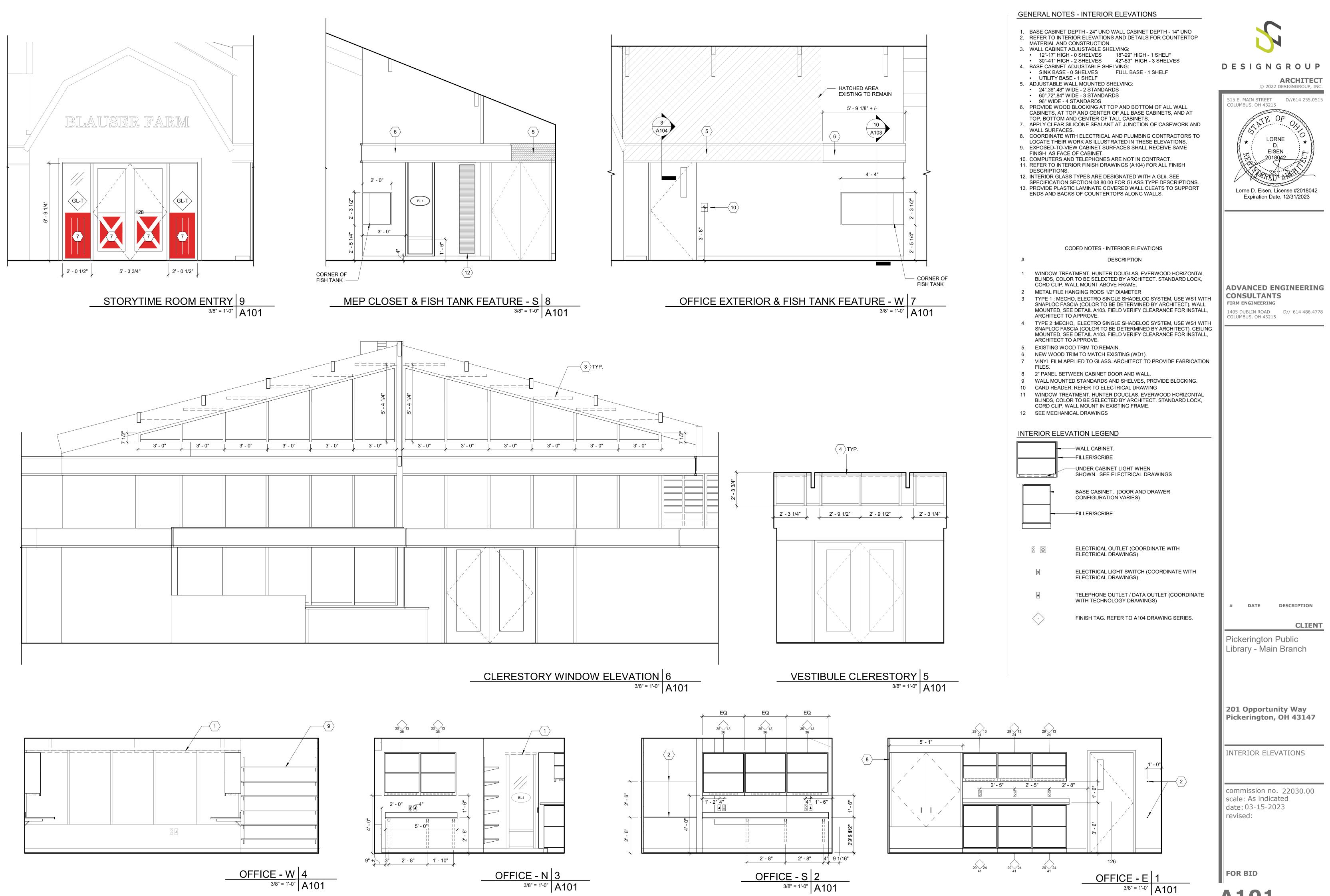
201 Opportunity Way Pickerington, OH 43147

FIRST FLOOR PLANS

commission no. 22030.00 scale: As indicated date: 03-15-2023 revised:

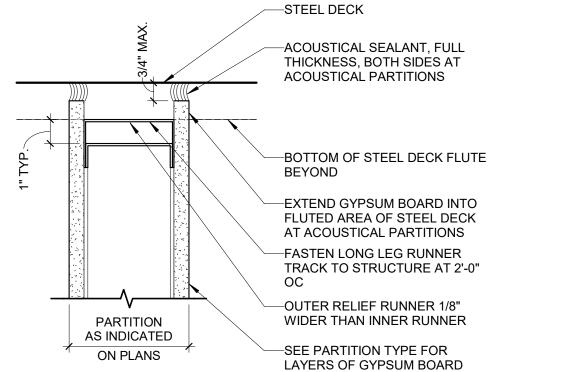




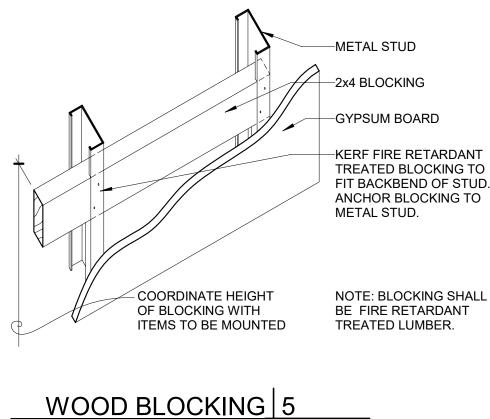


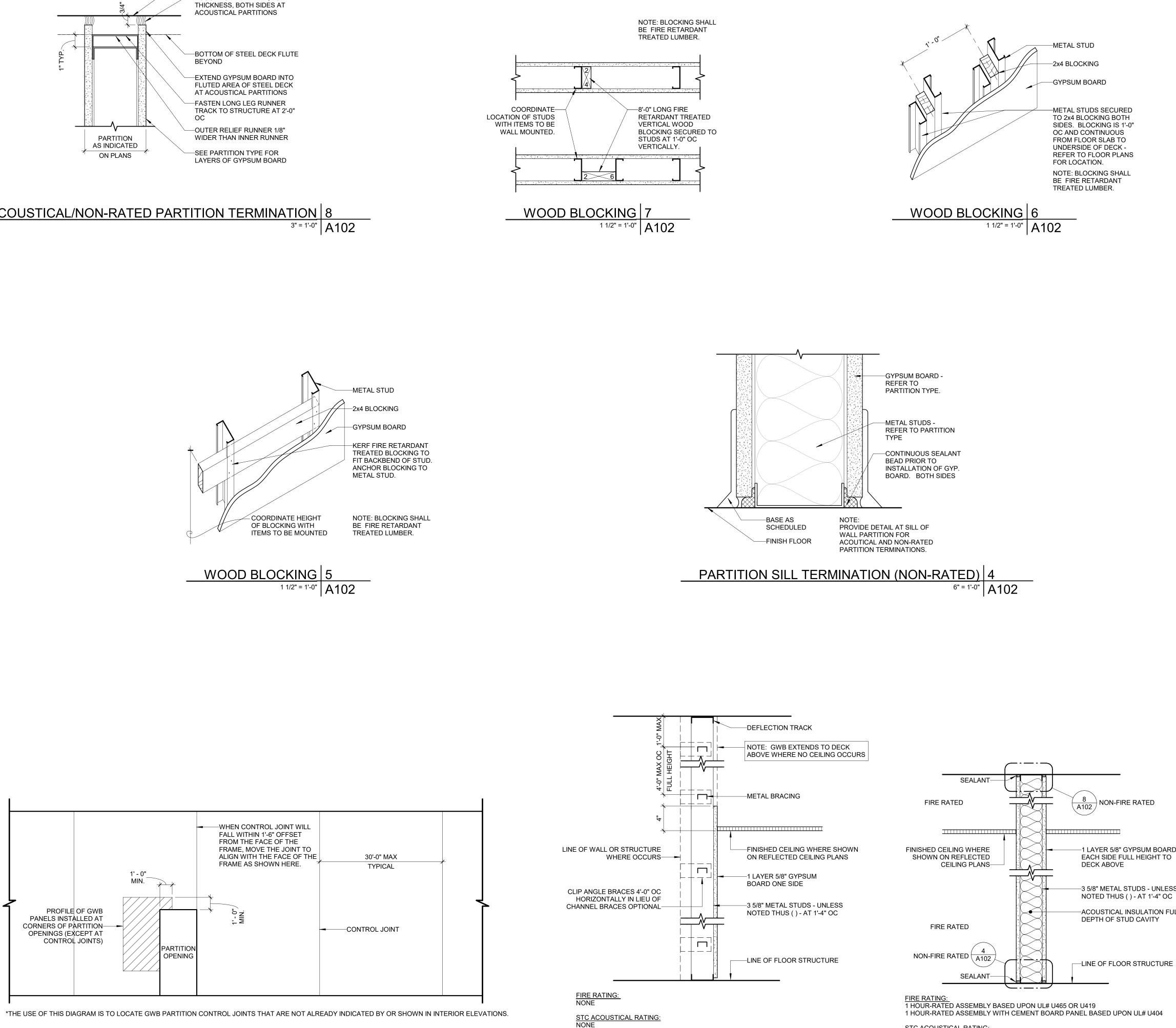
126	
OFFICE - E	1
OFFICE - E 3/8" = 1'-0"	A101

A101









GWB CONTROL JOINT SPACING 3 ^{1/4" = 1'-0"} A102

STC ACOUSTICAL RATING: 40 BASED UPON 30 MIL STUDS PER NGC 2016074 46 BASED UPON 19 MIL EQ STUDS PER NGC 2018106

¹ 1/2" = 1'-0" A102

- **GENERAL NOTES PARTITION** RTITION NOTES DESCRIBE THE GENERAL REQUIREMENTS FOR TION ASSEMBLY. STUD GAUGE AND SPACING SHALL BE AS INDICATED IN THE SPECIFICATIONS OR UL DESIGN WHICHEVER IS MORE RESTRICTIVE. PARTITION TYPE REFERENCES TO STUD GAUGE OR STUD SPACING ARE MINIMUM GAUGE AND SPACING. A. MINIMUM SPACING = 16" OC UNLESS NOTED OTHERWISE. B. MINIMUM GAUGE = 20 (30 MIL) UNLESS NOTED OTHERWISE. 2. FIRE RATED ASSEMBLIES: A. FIRE RATED ASSEMBLIES SHALL BE CONSTRUCTED IN COMPLIANCE WITH APPLICABLE TESTING AGENCY REQUIREMENTS AND DETAILS. THE DETAILS PROVIDED BY THE TESTING AGENCY SHALL BE USED FOR CONSTRUCTION AND SHALL OVERRULE INFORMATION ON THE DRAWINGS OR SPECIFICATIONS. B. WHERE THE INSTALLATION OF TILE-BACKER, MOISTURE RESISTAN GYPSUM BOARD OR ANY OTHER SIMILAR MATERIAL IS REQUIRED. THESE MATERIALS SHALL BE APPLIED ON TOP OF THE FIRE RATED ASSEMBLY. ADJUST DOOR FRAME THROAT DEPTH ACCORDINGLY 3. PENETRATIONS: A. PENETRATIONS OF FIRE RATED ASSEMBLIES SHALL BE PROTECTI WITH THROUGH PENETRATION FIRE STOP SYSTEMS. FIRE RATED ASSEMBLIES ARE CONSIDERED PARTITIONS WITH A RATING OF 30 MINUTES OR GREATER. FREQUENCY, LOCATION, SIZE AND SPACIN MISCELLANEOUS PLUMBING, MECHANICAL, AND ELECTRICAL BACH BOXES SHALL BE PER THE APPLICABLE BUILDING CODE. THIS REQUIREMENT APPLIES TO WALLS WITH A FIRE RATING OF 30 MIN OR GREATER. SEE PLUMBING, MECHANICAL, ELECTRICAL DRAWIN AND SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS. B. ANNULAR SPACE AROUND PENETRATIONS OF SMOKE PARTITIONS SHALL BE SEALED TO PREVENT THE PASSAGE OF SMOKE AT TEMPERATURES LESS THAN 400 DEGREES F AND SHALL NOT BE FIBROUS. C. ANNULAR SPACE AROUND PENETRATIONS OF ACOUSTIC PARTITIC SHALL BE SEALED WITH ACOUSTIC SEALANT. D. STEEL BEAMS, JOISTS, COLUMNS, OR BRACING (FIRE PROOFED OF FIRE PROOFED) THAT PENETRATE A FIRE RATED ASSEMBLY SHALL HAVE THE ANNULAR SPACE AROUND THE PENETRATION FILLED W FIRE SEALANT FOR THE FULL DEPTH OF THE GYPSUM BOARD MEMBRANE BEING PENETRATED. 4. PARTITION TERMINATIONS: A. TOP OF PARTITION TERMINATION AT ACOUSTIC PARTITIONS SHALL PER DETAIL <u>9/A102</u>. B. PROVIDE DEFLECTION TRACK AT ALL OTHER FULL HEIGHT PARTIT C. BOTTOM OF PARTITION AT ACOUSTIC PARTITIONS AND SMOKE PARTITIONS SHALL BE PER DETAIL 4/A102.
 - 5. OPENINGS THROUGH THE PARTITION ASSEMBLY AND ITS ENTIRE PERIMETER MUST BE SEALED AIRTIGHT TO OBTAIN THE SOUND TRANSMISSION CLASS (STC) INDICATED. PROVIDE ACOUSTIC SEALAN FLOOR, CEILING AND ENDS ON BOTH SIDES OF THE PARTITION.
 - 6. BLOCKING: INSTALL BLOCKING IN PARTITIONS TO RECEIVE WALL MOUNTED ACCESSORIES. SEE DETAILS 5, 6, 7, & 8 ON SHEET A102. T APPLIES TO WALL MOUNTED ACCESSORIES PROVIDED BY THE CONTR AND ACCESSORIES / EQUIPMENT PROVIDED BY THE OWNER / OWNER VENDOR. COORDINATE THE LOCATION OF THE BLOCKING WITH THE SUPPLIER OF THE ACCESSORY.
 - 7. PLAN DIMENSIONS ARE TO FINISH FACE OF GYPSUM OR MASONRY. R TO SPEC FOR FINISH INFORMATION.
 - 8. EXTEND FINAL FINISH (THIRD COAT MINIMUM) OF GYPSUM BOARD TOF COMPOUND TO 4 INCHES MINIMUM ABOVE CEILING. APPLY PRIME CO AND FIRST COAT OF FINISH PAINT PRIOR TO INSTALLATION OF CEILING TRACK.
 - 9. BRACE AND / OR OFFSET PARTITIONS WHERE PARTITIONS ARE PARAL WITH MECHANICAL DUCTWORK AND PARTITION CANNOT EXTEND VERTICALLY TO STRUCTURE ABOVE.
 - 10. PROVIDE DOUBLE STUDS AT EACH SIDE OF DOOR FRAMES AND OTHE PARTITION OPENINGS.
 - 11. PROVIDE 16 GA. (54 MILS) STUDS AT WALL BLOCKING DETAILS FOR SUPPORT OF STEEL ANGLE COUNTERTOP SUPPORT BRACKETS UNLE NOTED OTHERWISE.
 - 12. CLOSE OPENINGS IN EXISTING PARTITIONS RESULTING FROM REMOVA DUCTWORK, PIPING, AND CONDUIT. MATCH EXISTING FRAMING, WALLBOARD, AND ACOUSTICAL INSULATION.

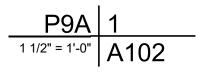
 $\left(\frac{8}{A102}\right)$ NON-FIRE RATED

1 LAYER 5/8" GYPSUM BOARD EACH SIDE FULL HEIGHT TO

-3 5/8" METAL STUDS - UNLESS

-ACOUSTICAL INSULATION FULL DEPTH OF STUD CAVITY

-LINE OF FLOOR STRUCTURE



LEGEND - PARTITION TYPES

(8) = 8" STUD

CSI DIVISION NO. 4 = MASONRY 5 = CFMF 6 = WOOD 9 = DRYWALL FRAMING <u>WALL TYPE</u> P = PARTITION W = WALL --P 9 A (6) A TYPE IDENTIFIER (A, B, C, D, etc.)

PARTITION MODIFIER A = ACOUSTICAL INSULATION

DESIGNGROUP

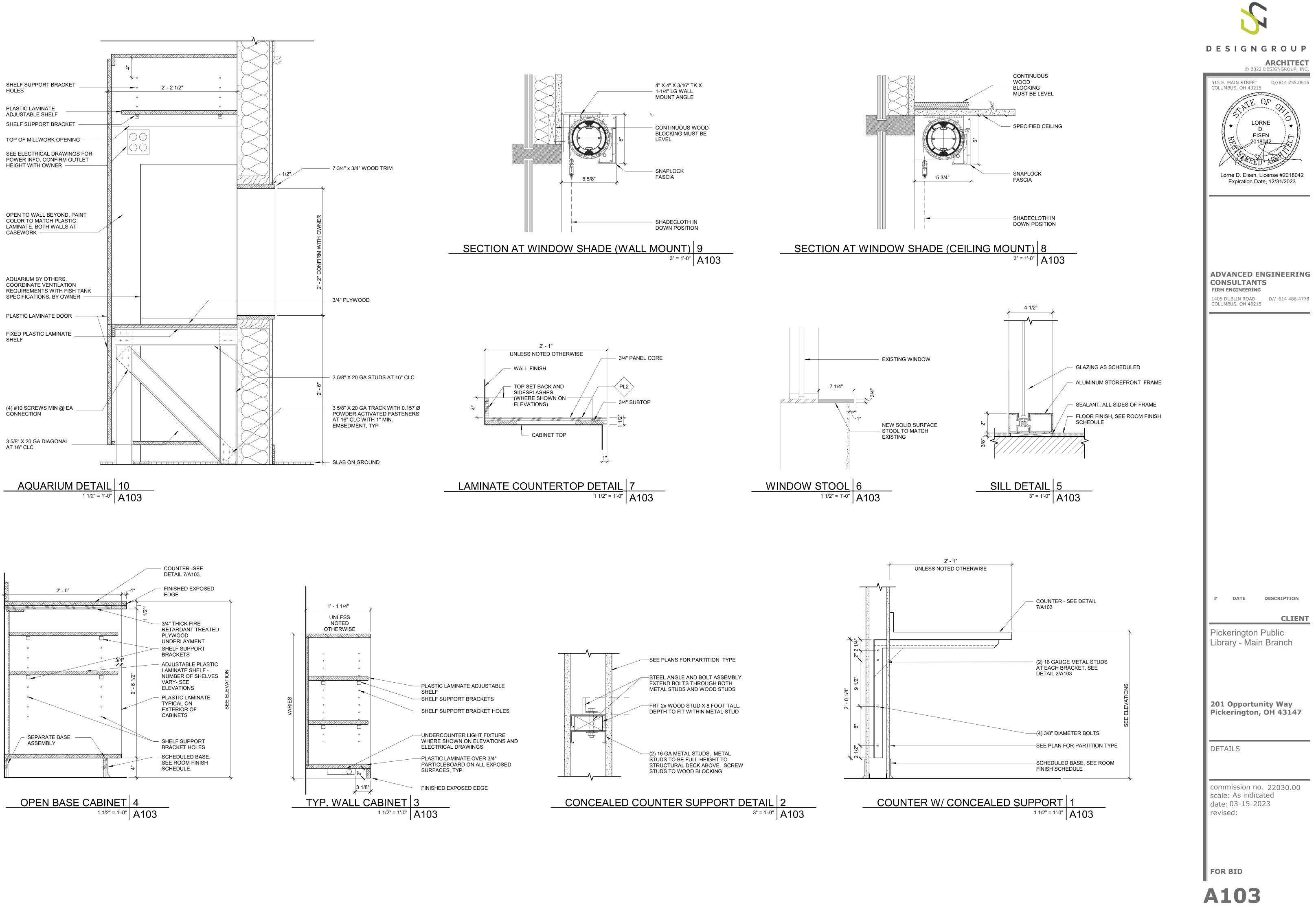
ARCHITECT © 2022 D

DRMATION ON THE	
, MOISTURE RESISTANT TERIAL IS REQUIRED, OP OF THE FIRE RATED DEPTH ACCORDINGLY.	515 E. MAIN STREET D//614 255.0515 COLUMBUS, OH 43215
S SHALL BE PROTECTED YSTEMS. FIRE RATED WITH A RATING OF 30 TION, SIZE AND SPACING OF AND ELECTRICAL BACK- DING CODE. THIS TIRE RATING OF 30 MINUTES , ELECTRICAL DRAWINGS, JIREMENTS. OF SMOKE PARTITIONS GE OF SMOKE AT	LORNE D. EISEN 2018042 Lorne D. Eisen, License #2018042 Expiration Date, 12/31/2023
OF ACOUSTIC PARTITIONS NG (FIRE PROOFED OR NOT ITED ASSEMBLY SHALL ENETRATION FILLED WITH GYPSUM BOARD	
TIC PARTITIONS SHALL BE FULL HEIGHT PARTITIONS. TIONS AND SMOKE AND ITS ENTIRE AIN THE SOUND DE ACOUSTIC SEALANT AT	ADVANCED ENGINEERING CONSULTANTS FIRM ENGINEERING 1405 DUBLIN ROAD COLUMBUS, OH 43215
THE PARTITION. O RECEIVE WALL <u>8</u> ON SHEET <u>A102</u> . THIS DVIDED BY THE CONTRACT THE OWNER / OWNER'S BLOCKING WITH THE	
SUM OR MASONRY. REFER	
GYPSUM BOARD TOPPING NG. APPLY PRIME COAT, TALLATION OF CEILING	
ARTITIONS ARE PARALLEL CANNOT EXTEND	
R FRAMES AND OTHER	
KING DETAILS FOR PORT BRACKETS UNLESS	
JLTING FROM REMOVAL OF STING FRAMING,	
	# DATE DESCRIPTION
	CLIENT Pickerington Public Library - Main Branch
	201 Opportunity Way Pickerington, OH 43147
TYPES	SCHEDULES AND DETAILS
STUD SIZE () = NO PARENTHESES MEANS FRAMING AS DETAILED (1) = $1-5/8"$ STUD (2) = $2-1/2"$ STUD (6) = $6"$ STUD	commission no. 22030.00 scale: As indicated date: 03-15-2023 revised:

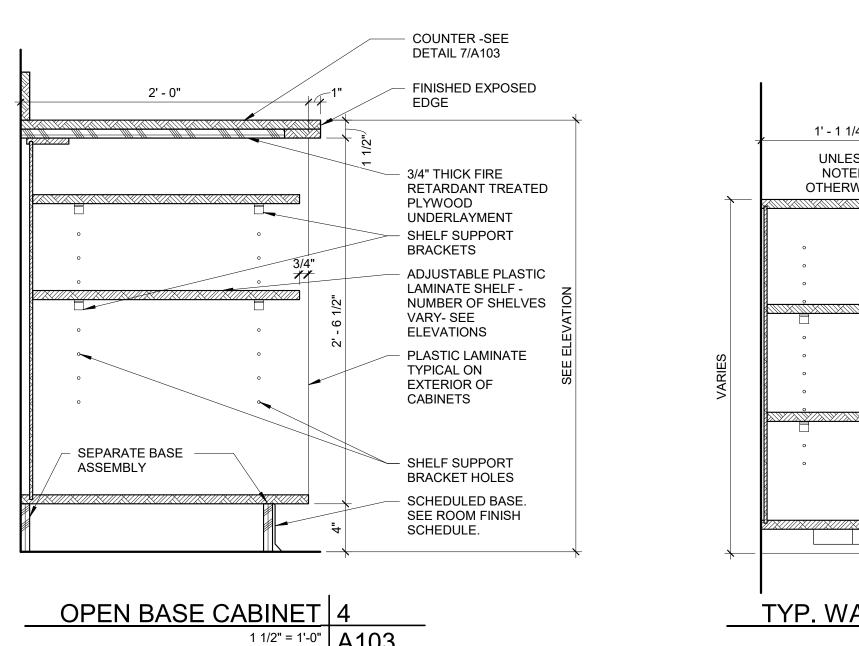
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A102

1.	THESE PAR
	THE PARTI

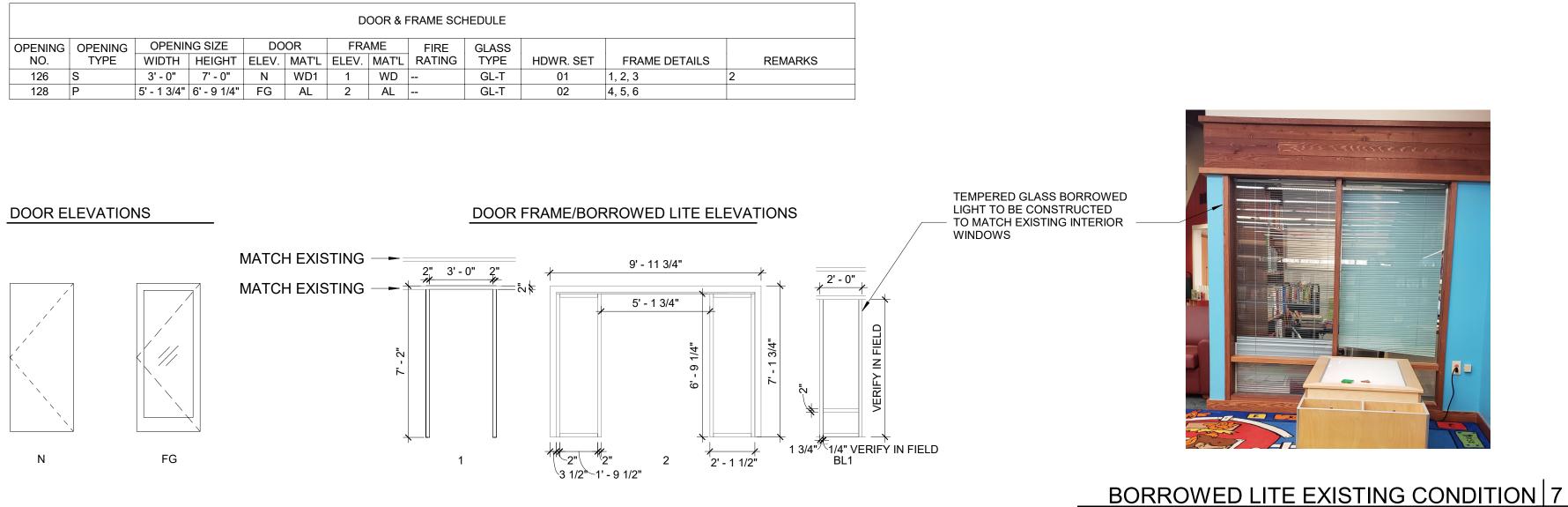


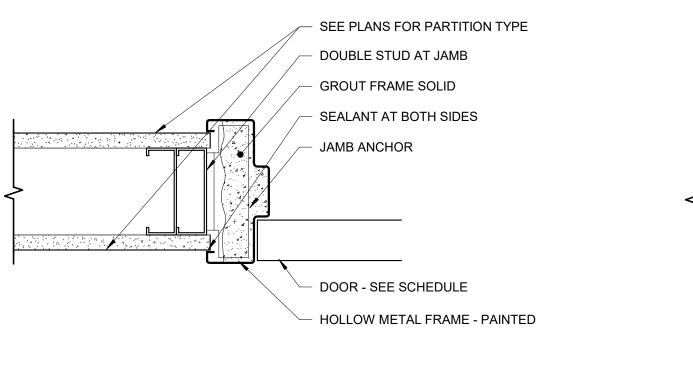


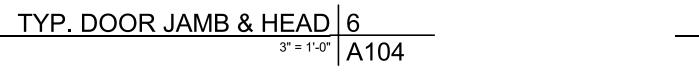


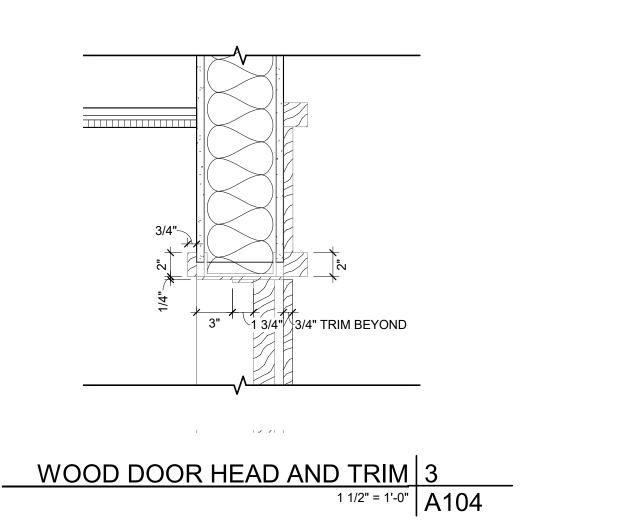


DOOR & FRAME SCHEDULE											
OPENING	OPENING	OPENI	IG SIZE	DO	OR	FRA	ME	FIRE	GLASS		
NO.	TYPE	WIDTH	HEIGHT	ELEV.	MAT'L	ELEV.	MAT'L	RATING	TYPE	HDWR. SET	FRAME
126	S	3' - 0"	7' - 0"	Ν	WD1	1	WD		GL-T	01	1, 2, 3
128	Р	5' - 1 3/4"	6' - 9 1/4"	FG	AL	2	AL		GL-T	02	4, 5, 6



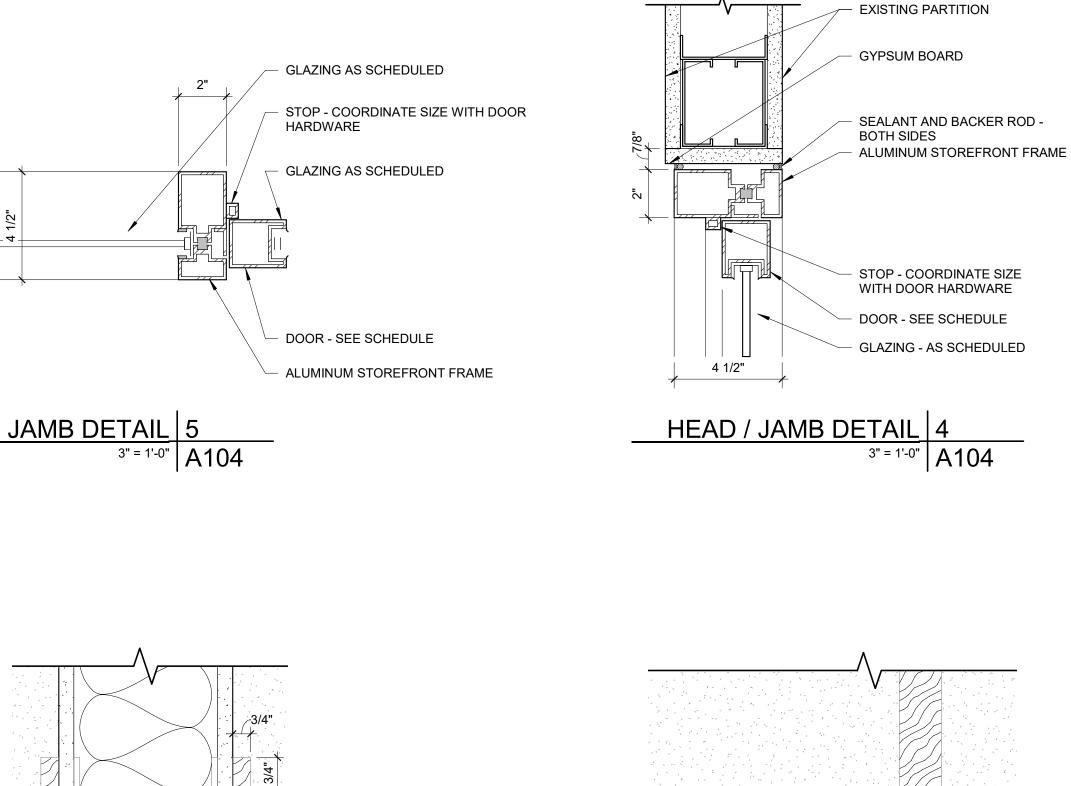


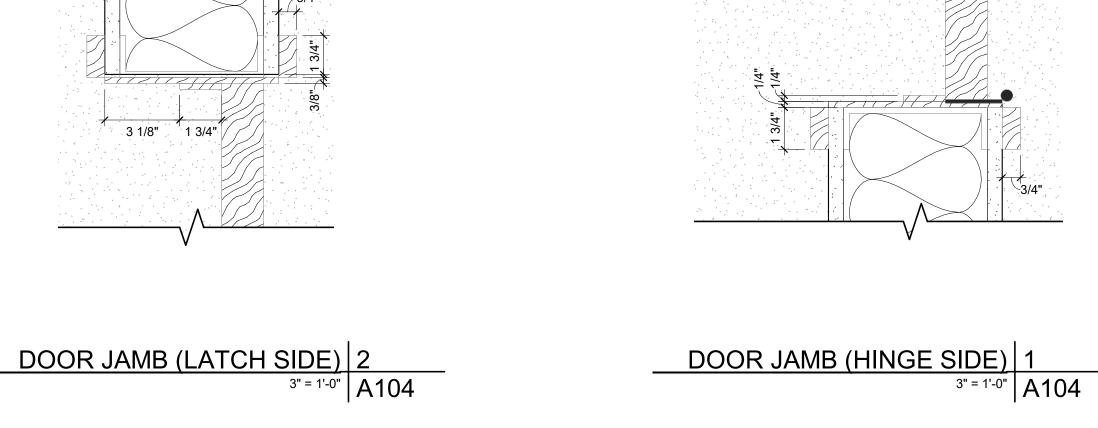






^{1" = 60'-0"} A104







DESIGNGROUP

GENERAL NOTES - DOOR SCHEDULE

- 1. SEE A100 SERIES FLOOR PLAN DRAWINGS FOR DOOR SWINGS AND
- DOOR MARKS. 2. SEE SPECIFICATIONS SECTION 08 71 00 FOR HARDWARE SET
- DESCRIPTIONS.
- 3. SEE SPECIFICATIONS SECTION 08 71 00 FOR SIDE OF DOOR CLOSER IS TO BE MOUNTED.
- 4. SEE SPECIFICATION SECTIONS FOR TRANSPARENT FINISHES ON WOOD DOORS.
- SEE SPECS FOR LAMINATE FINISHES ON WOOD DOORS
 SEE SPECIFICATIONS SECTION 09 91 00 FOR FINISH SYSTEM ON HOLLOW METAL DOORS AND FRAMES.
- 7. CONTRACTOR TO REVIEW HARDWARE/LOCKSET SELECTIONS WITH
- OWNER PRIOR TO ORDERING HARDWARE. 8. CONTRACTOR TO REVIEW HARDWARE AND COORDINATE WITH DOOR
- FRAMES. FRAME DETAILS LISTED IN SCHEDULE WITHOUT SHEET NUMBER REFERENCE ARE SHOWN ON THIS SHEET.

DOOR SCHEDULE REMARKS

1. BALANCE OF HARDWARE BY DOOR SUPPLIER. 2. CARD READER

DOOR SCHEDULE LEGEND

<u>OPENING TYPE</u> S - SINGLE SWING

P - PAIR SWING

DOOR ELEVATION TYPES F - FLUSH

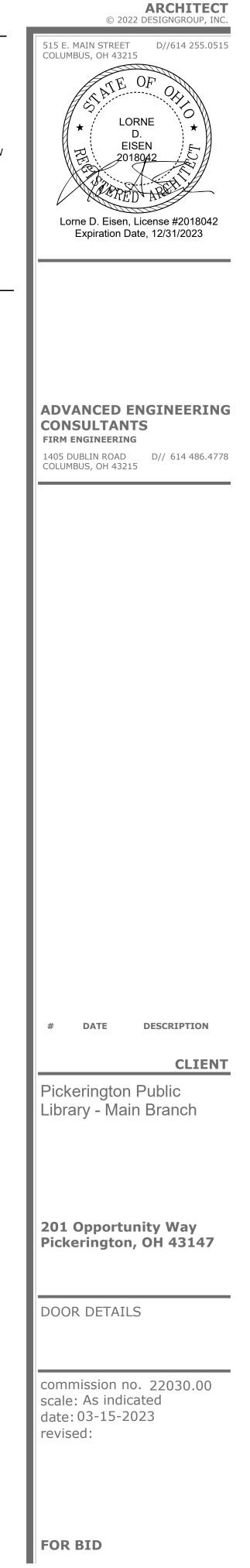
N - NARROW LIGHT

FG - FULL GLASS

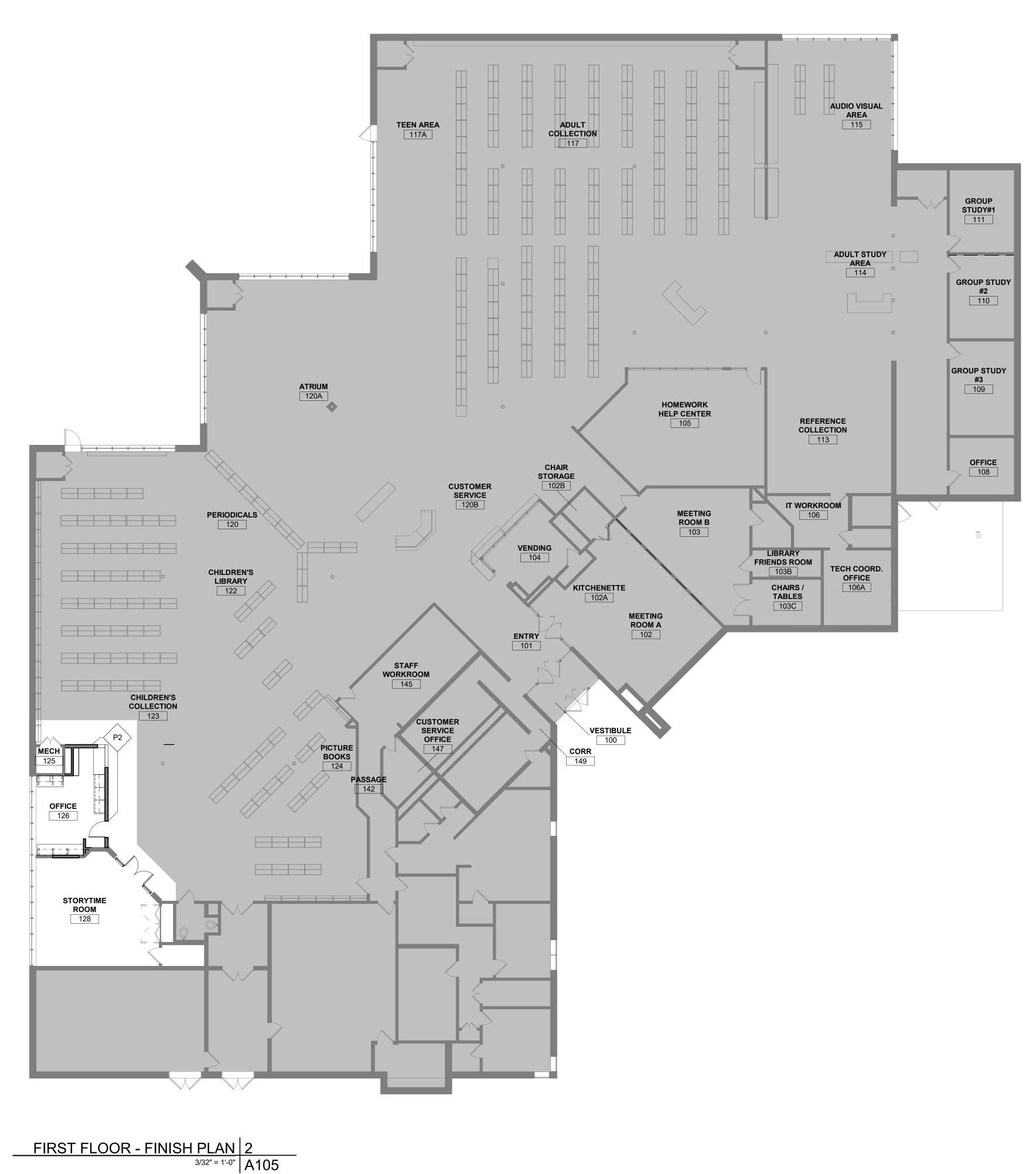
<u>MATERIAL TYPES</u> HM - HOLLOW METAL (08 11 13) AL - ALUMINUM

GL - GLASS WD1 - FLUSH WOOD DOOR (08 14 16) - TRANSPARENT FINISH

<u>GLASS TYPES (08 80 00)</u> GL-T: 1/4" TEMPERED, CLEAR



A104



10:19:56 023

			FINISH SELECTIONS	3	
MATERIAL CODE	MATERIAL	MANUFACTURER	STYLE / PATTERN	MODEL NUMBER / COLOR	ADDITIONAL NOTES
OORING					
PT1	CARPET	PATCRAFT	10584 SELVAGE	00575 FLANNEL / 12X48	ASHLAR INSTALL - NOT IN CONTRACT, CARPET WILL BE INSTALLATION TO BE CONTRACTED SEPARATELY THROUGH OWNER
PT2	CARPET	PATCRAFT	1030 WALK RIGHT IN II	00500 STERLING / 24X24	QUARTER TURN INSTALL - NOT IN CONTRACT, CARPET WILL BE INSTALLATION TO BE CONTRACTED SEPARATELY THROUGH OWNER
1	TRANSITION STRIP	TARKETT	FLOOR REDUCER	CRS 63 A / BURNT UMBER	FOR USE AT NEW CARPET AND EXISTING CONCRETE. - NOT IN CONTRACT, CARPET WILL BE INSTALLATION TO BE CONTRACTED SEPARATELY THROUGH OWNER
2	TRANSITION STRIP	TARKETT	ADAPTOR	CTA 63 A / BURNT UMBER	FOR USE AT NEW CARPET AND EXISTING RESILIENT FLOORING NOT IN CONTRACT, CARPET WILL BE INSTALLATION TO BE CONTRACTED SEPARATELY THROUGH OWNER
ALL FINISH	ES				
	PAINT	OWNER TO PROVIDE	"WHITE"	-	-
	PAINT	OWNER TO PROVIDE	"BLUE"	-	-
LANE	OUS FINISHES				
	PLASTIC LAMINATE	FORMICA	5795-NG CAMEL ELM / NATURAL GRAIN		RUN GRAIN VERTICALLY. USE ON ALL WALL / BASE CABINETS.
2	PLASTIC LAMINATE	FORMICA	6698-58 PALOMA POLAR / MATTE FINISH		USE ON WALL HORIZONTAL COUNTERS.
	PLASTIC LAMINATE	FORMICA	914-58 MARINE BLUE /MATTE FINISH		FOR USE ON INSIDE OF AQUARIUM CABINET.
)1	WOOD	MILLWORK	TO MATCH EXISTING WOOD TRIM FINISH (SPECIES & STAIN)	-	-
S1	WINDOW SHADE CLOTH	MECHO	SOHO / 1600 SERIES, 3% OPEN	1616 SLATE	
LING FINI	SHES				
P1	ACOUSTICAL CEILING PANEL	ARMSTRONG	1754 FINE FISSURE	SQAURE LAY-IN / 24X24X7/8 / WHIT	E -
WB	GYPSUM WALL BOARD			PAINT IN P1	-

ROOM FINISH SCHEDULE									
INTERIOR FINISHES									
ROOM NO.	ROOM NAME	FLOOR	BASE	WALLS	CEILING	REMARKS			
FIRST FLO	DR	·			•				
125	MECH	ETR	ETR	ETR	ETR				
126	OFFICE	CPT1	WDB1	P1	ACP1	1, 3			
128	STORYTIME ROOM	CPT1	ETR / PTM	P1	ETR / PTM	2, 3			
128A	STORAGE	CPT1	ETR	P1	ETR	3			

ROOM FINISH SCHEDULE - REMARKS

1. NEW WINDOW TREATMENTS, SEE ELEVATIONS 2. INSTALL NEW ACOUSTIC CEILING PANELS WHERE LIGHTS ARE REMOVED AND

PANEL IS DAMAGED. 3. NEW FLOORING AND BASE FINISHES ARE NOT IN CONTRACT - CARPET AND BASE ARE BEING PROCURED SEPARATELY BY OWNER. CONTRACTOR SHALL COORDINATE WORK WITH CARPET AND BASE INSTALLER AND OWNER.

GENERAL NOTES - INTERIOR FINISHES

- 1. AN '*' IN FINISH SCHEDULE DENOTES MULTIPLE FINISHES AND/OR PATTERN, REFER TO FINISH PLANS.
- 2. PROTECT EXISTING FINISHES DURING CONSTRUCTION.
- 3. WHERE NEW AND EXISTING FLOORING MEET IN DOORWAY, ALIGN TRANSITION WITH EXISTING TRANSITION.
- 4. PATCH EXISTING WALL & FLOOR AND PREPARE SURFACES TO RECEIVE NEW FINISHES.
- SEE FINISH PLANS FOR EXTENT OF FINISHES. (A104, THIS SHEET)
 SEE REFLECTED CEILING PLANS AND ELEVATIONS FOR CEILING
- HEIGHTS. (A100) 7. SEE INTERIOR ELEVATIONS FOR FINISH LOCATIONS. (A101
- DRAWING SERIES)
- 8. ALL MILLWORK COUNTERTOPS ARE PLASTIC LAMINATE (PL1), EXCEPT WHERE NOTED OTHERWISE
- 9. EXISTING WALL BASE IS TO REMAIN, REPAIRS SHOULD BE MADE WHERE NECESSARY. 10. COORDINATE CARPET INSTALL WITH CASEWORK LOCATIONS,
- PROVIDE NEW BASE WHERE NECESSARY. 11. CARPET TILES INSTALL TO STOP AT BOOKSTACKS, PATTERN TO CONTINUE.
- 12. COORDINATE INSTALL STARTS AND STOPS WITH OWNER TO ENSURE SAFETY DURING LIBRARY HOURS
- 13. CARPET AND BASE INSTALLATION IS NOT IN CONTRACT CARPET AND BASE TO BE PROCURED AND INSTALLED THROUGH SEPARATE CONTRACT THROUGH OWNER. CONTRACTOR SHALL COORDINATE ADJACENT WORK WITH OWNER AND CARPET/BASE INSTALLER.

CODED NOTES - FINISH PLAN

DESCRIPTION

- 1 ALIGN
- 2 ALIGN FLOOR TRANSITION WITH EXISTING FLOORING TRANSITION. 3 ALIGN FLOOR TRANSITION WITH EXISTING FLOORING TRANSITION. USE T1 OR T2, SELECT BASED ON EXISTING CONDITIONS.

	FINISH LEGEND		
EXTI	# ENTS OF FINISH BASE, WALL, CEILING, MISC. FINISH TAG		
	DIRECTION OF FLOOR FINISH		
PTM	PATCH TO MATCH EXIS	TING FLOORING &	WALL BASE
ETR	EXISTING FLOOR FINIS	H TO REMAIN	
	NOT IN SCOPE		
	FLO	OR TRANSITIO	N LEGEND
	E	XISTING FLOORING CONCRETE RI	ESILIENT

T1

T2

NEW CARPET FLUSH



#	DATE	DESCRIPTION
		CLIENT

Pickerington Public Library - Main Branch



FIRST FLOOR FINISH PLAN

commission no. 22030.00 scale: As indicated date: 03-15-2023 revised:

FOR BID



ABBREVIATIONS

	ADDREVIATION3
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
AAV	
AFF	ABOVE FINISHED FLOOR
AMB	AMBIENT
AMB	AIR PRESSURE DROP
APD A/E	ARCHITECT/ENGINEER
BAS	BUILDING AUTOMATION SYSTEM BACKFLOW PREVENTOR
BLDG	BUILDING
BOB	BOTTOM OF BEAM
BOD	BOTTOM OF DUCT
BOP	BOTTOM OF PIPE
BOS	BOTTOM OF STRUCTURE
CL	
СО	CLEAN OUT
DB	DRY BULB
DIA	DIAMETER
DN	DOWN
EA	EXHAUST AIR
EAT	ENTERING AIR TEMPERATURE
EFF	EFFICIENCY
EG	ETHYLENE GLYCOL
ESP	EXTERNAL STATIC PRESSURE
EWT	ENTERING WATER TEMPERATURE
EXH	EXHAUST
FPI	FINS PER INCH
GTC	GENERAL TRADES CONTRACTOR
ID	INNER DIAMETER
LAT	LEAVING AIR TEMPERATURE
LWT	LEAVING WATER TEMPERATURE
MFR	MANUFACTURER
N/A	NOT APPLICABLE
NC	NORMALLY CLOSED
NO	NORMALLY OPEN
NTS	NOT TO SCALE
OA	OUTSIDE AIR
OD	OUTSIDE DIAMETER
PD	PRESSURE DROP
PRV	PRESSURE REDUCING VALVE
RA	RETURN AIR
REL	RELIEF AIR
SA	SUPPLY AIR
SCC	SENSIBLE COOLING CAPACITY
SP	STATIC PRESSURE
TCC	TOTAL COOLING CAPACITY
ТСР	TEMPERATURE CONTROL PANEL
TSP	TOTAL STATIC PRESSURE
TYP	
VFD	VARIABLE FREQUENCY DRIVE
WB	WET BULB
WG	WATER GAUGE
WPD	WATER PRESSURE DROP

SYMBOLS LIST			
NOTE: NOT ALL SYMBOLS MAY BE USED.			
LINE STYLES		DUCTV	VORK
NEW WORK (VISIBLE)		SUPPLY/O.A. DUCT RISE	-M OR -
NEW WORK (HIDDEN)		(SINGLE LINE)	
EXISTING WORK (VISIBLE)		SUPPLY/O.A. DUCT RISE (DOUBLE LINE)	
EXISTING TO BE DEMOLISHED FUTURE		SUPPLY/O.A. DUCT DROP (SINGLE LINE)	—] OR ——
PIPING		4	
HEATING WATER SUPPLY	— HWS ———	SUPPLY/O.A. DUCT DROP (DOUBLE LINE)	
HEATING WATER RETURN	— HWR ———	RETURN/EXHAUST/RELIEF	
CHILLED WATER SUPPLY	— cws ———	DUCT RISE (SINGLE LINE)	
CHILLED WATER RETURN	— CWR ———	RETURN/EXHAUST/RELIEF	
CONDENSER WATER SUPPLY	CS	DUCT RISE (DOUBLE LINE)	
CONDENSER WATER RETURN	CR	RETURN/EXHAUST/RELIEF	
COOLING COIL CONDENSATE	C	DUCT DROP (SINGLE LINE)	
REFRIGERANT SUCTION	— RS —		
		DROP (DOUBLE LINE)	
HIGH PRESSURE STEAM	— HPS(#) ——— —— HPC ———	FLAT OVAL (DROP OR RISE)	
LOW PRESSURE STEAM CONDENSATE	— LPS(#) —		
LOW PRESSURE STEAM CONDENSATE	— LPC —	DOUBLE LINE FLEX DUCT	
PUMPED STEAM CONDENSATE	— PSC ———	SINGLE LINE FLEX DUCT	
PIPING (FITTINGS, VALVES, AND MISCELL	ANEOUS)	ACCESS DOOR	
DROP —)		
RISE —	— 0	90 DEGREE FITTING (WITH TURNING VANES)	
TEE —		TURNING VANES)	
САР —		DIFFUSER	
REDUCER —	>	DIFFUSER	
FLOW ARROW			WITHOUT FLEX WITH FLEX
		SIDEWALL	
2-WAY CONTROL VALVE		GRILLE/REGISTER/DIFFUSER	
3-WAY CONTROL VALVE	—₩——		WITHOUT FLEX WITH FLEX
BUTTERFLY VALVE —			
BALL VALVE —		GRILLE/REGISTER	
CHECK VALVE —			
		VOLUME DAMPER	
TRIPLE DUTY VALVE — GATE VALVE —			L AFD
PLUG VALVE		FIRE DAMPER WITH ACCESS DOOR	
GLOBE VALVE			
PRESSURE RELIEF VALVE	<u> </u>	SMOKE DAMPER WITH ACCESS DO	
PRESSURE REDUCING VALVE		SMOLE DAME EN WITTAGGEGG DO	
STRAINER —	- <u>k.</u> +	COMB. FIRE/SMOKE DAMPER	
DRAIN VALVE WITH HOSE		WITH ACCESS DOOR	
	о 5-		(BD)
UNION — AUTOMATIC AIR VENT —		BACKDRAFT DAMPER	
MANUAL AIR VENT	Σ Σ	MOTORIZED DAMPER WITH ACCESS DOOR	
THERMOMETER -	Щ		_ ^ >
PRESSURE GAUGE (WITH STOPCOCK)	우 우	AIR FLOW ARROW	-~ >
PRESSURE/TEMPERATURE TEST PLUG	Υ	(MOUNT 48" AFF TO CENTER UNO)	\bigtriangledown
FLOW SENSOR	Ę	HUMIDISTAT (MOUNT 48" AFF TO CENTER UNO)	\oplus
PRESSURE SENSOR	P	MISCELLANEOUS SENSOR	S
TEMPERATURE SENSOR			
STEAM TRAP —		CO SENSOR	0
METER		CO ₂ SENSOR	69
FLEXIBLE CONNECTION		CONNECT TO EXISTING	\oplus
HEAT TRACED PIPE			~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
	— X — —	TERMINAL BOX	
PIPE GUIDE			
	·····	N N	VITHOUT REHEAT WITH REHEAT

- GENERAL NOTES:
- A. THESE NOTES APPLY TO ALL DIVISION 23 DRAWINGS.
- B. ALL HVAC WORK SHALL BE PERFORMED IN ACCORDANCE WITH LOCAL, STATE, AND NATIONAL CODES.
- C. CONTRACTOR SHALL PROVIDE ALL MATERIALS, LABOR, FEES, AND PERMITS FOR A COMPLETE INSTALLATION. CONTRACTOR SHALL COMPLY WITH ALL GENERAL CONDITIONS LISTED ON THE ARCHITECTURAL DRAWINGS.
- D. IN CASE OF DIFFERENCE BETWEEN BUILDING CODES, SPECIFICATIONS, INDUSTRY STANDARDS, UTILITY COMPANY REGULATIONS, FIRE INSURANCE CARRIER'S REQUIREMENTS, AND CONTRACT DOCUMENTS, THE MOST STRINGENT SHALL GOVERN. PROMPTLY NOTIFY THE ENGINEER IN WRITING OF ANY SUCH DIFFERENCE.
- CONTRACTOR SHALL BE RESPONSIBLE FOR THE COMPLETE FUNCTIONALITY OF THE HVAC SYSTEM INCLUDING ELECTRICAL AND CONTROL ITEMS ASSOCIATED WITH THE MECHANICAL EQUIPMENT.
- THE DRAWINGS ARE DIAGRAMMATIC AND SHALL NOT BE SCALED TO DETERMINE EXACT LOCATION OF MECHANICAL, PLUMBING, AND EQUIPMENT. DRAWINGS ARE BASED ON "AS-BUILT" DRAWINGS AND LIMITED FIELD OBSERVATIONS. FOR PURPOSES OF CLEARNESS AND LEGIBILITY, SIZE AND LOCATION OF EQUIPMENT ARE SHOWN TO SCALE WHEREVER POSSIBLE.
- G. CONTRACTOR SHALL VERIFY ALL CONDITIONS PRIOR TO SUBMITTING BIDS. PRIOR TO BID CONTRACTOR SHALL ADVISE ENGINEER IN WRITING OF ANY CONDITIONS THAT SWAYS FROM CONTRACT DOCUMENTS.
- H. IN THE EVENT OF A CONFLICT OCCURS BETWEEN THE REQUIREMENTS OF THE CONTRACT DOCUMENTS AND THE ACTUAL FIELD CONDITIONS THE CONTRACTOR SHALL ADVISE ENGINEER IN WRITING PRIOR TO PROCEEDING WITH WORK. THE CONTRACTOR SHALL BEAR ALL COSTS ASSOCIATED WITH RESTOCKING, RELOCATING OF EQUIPMENT, SYSTEMS, PIPING, ETC. FROM FAILURE TO PROPERLY COORDINATE INSTALLATION AND NOT ADVISING IN WRITING OF CONFLICT PRIOR TO PURCHASE AND/OR INSTALLATION.
- NOT ALL EXISTING SYSTEMS ARE SHOWN TO AID DRAWING INTERPRETATION AND CLARITY.
- CONTRACTOR IS TO MAINTAIN RECORDED "AS-BUILT" INFORMATION ON ALL EXISTING SERVICES UNCOVERED DURING CONSTRUCTION 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 DRAWING. 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.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR START-UP OF ALL EQUIPMENT AND SYSTEMS INSTALLED, MODIFIED, Κ. OR REVISED BY THIS WORK PER MANUFACTURER'S REQUIREMENTS AND/OR CONTRACT DOCUMENTS.
- AT THE END OF CONSTRUCTION, CONTRACTOR SHALL PERFORM A COMPLETE AIR AND WATER SYSTEM FLOW BALANCE FOR ALL EQUIPMENT AND SYSTEMS SHOWN, SCHEDULED OR OTHERWISE IDENTIFIED. CONTRACTOR SHALL INCLUDE TIME IN CONSTRUCTION SCHEDULE TO FULLY TEST AND BALANCE SYSTEMS PRIOR TO OWNER OCCUPANCY TO ASSURE ADJUSTMENTS CAN BE MADE TO MITIGATE COMFORT ISSUES FOR OCCUPANTS POST CONSTRUCTION.
- M. UPON COMPLETION OF HVAC SYSTEMS, THE MECHANICAL CONTRACTOR SHALL INSTRUCT THE OWNER IN THE COMPLETE OPERATION OF THE SYSTEMS.
- N. PRIOR TO AND DURING CONSTRUCTION, CONTRACTOR SHALL FULLY PROTECT THE AIR HANDLING AND DUCTWORK SYSTEMS. CONTRACTOR SHALL PROTECT EACH RETURN AIR GRILLE OPENING AND RETURN AIR DUCT WITH MINIMUM MERV 8 FILTER MEDIA. AIR HANDLING EQUIPMENT AND DUCTS COVERED WITH DRYWALL/CONSTRUCTION DUST SHALL BE CLEANED AT CONTRACTOR EXPENSE.
- O. THE CONTRACTOR SHALL ENSURE THAT ALL MECHANICAL EQUIPMENT, DUCTWORK, PIPING, VALVES, AND ACCESS LOCATIONS HAVE CLEARANCES IN ACCORDANCE TO THE DRAWINGS AND THE MANUFACTURER'S REQUIREMENTS FOR FULL ACCESSIBILITY AND OPERATION OF MECHANICAL SYSTEMS.
- P. THE CONTRACTOR SHALL PROVIDE ACCESS PANELS, IN WALLS OR CEILING, OR ACCESS DOORS, IN DUCTWORK, AS INDICATED OR REQUIRED FOR ACCESS TO CONCEALED MECHANICAL EQUIPMENT OR DEVICES.
- Q. CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTION AND SHALL REPAIR ADJACENT EXISTING AND/OR NEW SURFACES, AREAS, AND PROPERTY THAT MAY BE DAMAGED AS A RESULT OF DEMOLITION AND/OR NEW WORK.
- R. COORDINATE THE LOCATION OF ALL UTILITY CONNECTION POINTS FOR EQUIPMENT WITH OTHER TRADES. COORDINATION INCLUDES ALLOWING PROPER CLEARANCE FOR ELECTRICAL DEVICES FURNISHED WITH EQUIPMENT INCLUDING CONTROLS, DISCONNECTS, VAV POWER/CONTROL PANELS, VFD, ETC.
- S. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT LOCATION OF CEILING DEVICES.
- T. COORDINATE CLOSELY WITH OTHER TRADES IN LOCATING AND INSTALLING ALL SYSTEMS ABOVE SUSPENDED CEILINGS. SPECIFICALLY, COORDINATE LAYOUT WITH ELECTRICAL AND PLUMBING CONTRACTORS TO ALLOW SUFFICIENT ROOM FOR RECESSED LIGHT FIXTURES, FIRE SPRINKLER, AND PLUMBING VENTS WHERE APPLICABLE
- U. ANNULAR SPACE OF PIPE, CONDUIT, DUCT, AND OTHER SIMILAR PENETRATIONS OF FIRE RATED ASSEMBLIES SHALL BE FIRESTOPPED. IN ADDITION, PENETRATIONS THRU 0-HOUR RATED FLOORS SHALL ALSO BE FIRESTOPPED TO RETARD PASSAGE OF FIRE AND SMOKE. REFER TO FIRESTOPPING SPECIFICATION. REFER TO ARCHITECTURAL DRAWINGS FOR CONSTRUCTION, LAYOUT, AND FIRE RATINGS OF FLOORS, WALLS, PARTITIONS, AND OTHER BUILDING ELEMENTS.
- V. ALL EXPOSED WIRING SHALL BE RUN IN CONDUIT, EXCEPT WHEN RUNNING THOUGH FINISHED SPACES THAT HAVE CEILING "CLOUDS".
- W. THE CONTRACTOR SHALL PROVIDE ALL CUTTING, PATCHING, FINISHING, AND PENETRATIONS REQUIRED BY THE INSTALLATIONS. ALL FLOOR PENETRATIONS SHALL BE PATCHED AND SEALED TO BE WATERTIGHT. CUTTING OF BUILDING CONSTRUCTION MATERIALS SHALL CONFORM TO THE CHARACTERISTICS OF THE PARTICULAR MATERIAL INVOLVED AND SHALL NOT CREATE ANY STRUCTURAL WEAKNESS OR UNSIGHTLY APPEARANCE. REFINISH ANY SURFACE DISTURBED UNDER THIS WORK TO MATCH EXISTING, EXCEPT WHERE REFINISHING OF THAT SURFACE IS INCLUDED UNDER THE GENERAL TRADES CONTRACT.
- X. CONTRACTOR SHALL COORDINATE WITH THE OWNER'S REPRESENTATIVE AND SCHEDULE ANY DISRUPTION, DEMOLITION, OR SHUTDOWN OF UTILITIES OR SYSTEMS TO MINIMIZE INTERRUPTION OF SERVICE AND AVOID INTERFERENCE WITH NORMAL FUNCTION OF THE BUILDING AND/OR SURROUNDING WORK AREA. DISRUPTIONS INCLUDE LOSS OF HEATING, COOLING, OUTDOOR AIR, AND/OR EXHAUST SYSTEMS. CONTRACTOR SHALL NOTIFY OWNER A MINIMUM OF 14 DAYS PRIOR TO SHUTDOWN.
- Y. CONTRACTOR SHALL ASSUME THAT ALL PAINTED SURFACES IN THE BUILDING WERE ORIGINALLY PAINTED WITH LEAD BASED PAINTS. ALL DRILLING, GRINDING, AND OTHER DUST GENERATING ACTIVITIES MUST EMPLOY THE USE OF A HEPA DUST COLLECTION SYSTEM TO CAPTURE ALL DUSTS GENERATED BY THIS WORK. THE CONTRACTOR SHALL FURNISH ALL EQUIPMENT, INCLUDING PERSONAL PROTECTIVE EQUIPMENT AS REQUIRED FOR EMPLOYEES USE WHILE EXECUTING THIS WORK. CONTRACTOR'S EMPLOYEES SHALL BE TRAINED IN THE PROPER USE OF EQUIPMENT USED TO EXECUTE THIS WORK. THIS WORK SHALL BE EXECUTED IN ACCORDANCE WITH OHIO REVISED CODE CHAPTER 3742, AND OSHA STANDARDS 26 CFR 1926.62 AND 29 CFR 1910.1025. CONTRACTOR SHALL PROPERLY DISPOSE OF ALL WASTE PRODUCTS GENERATED BY THIS WORK IN ACCORDANCE WITH EPA REQUIREMENTS

PROVIDE ROOM TEMPERATURE THERMOSTATS FOR ALL UNITS. PREFERRED LOCATIONS ARE SHOWN ON THE PLANS. COORDINATE LOCATION OF THERMOSTATS AND OTHER WALL MOUNTED DEVICES WITH FURNITURE, WALL FRAMING, ELECTRICAL OUTLETS AND DEVICES, AND TECHNOLOGY OUTLETS AND DEVICES PRIOR TO ROUGH-IN. PROVIDE THERMOSTATS WITH ROOM TEMPERATURE INDICATOR AND WITH SET POINT ADJUSTMENT.

AA. COORDINATE EXACT LOCATION OF DIFFUSERS, GRILLES AND REGISTERS WITH AREA SMOKE DETECTORS, LIGHTS, AND ELECTRICAL DEVICES. AIR DEVICES SHALL NOT BE CLOSER THAN 3 FEET FROM AN AREA SMOKE DETECTOR.

AB. BRANCH DUCT TO DIFFUSERS SHALL BE SAME SIZE AS DIFFUSER NECK UNLESS NOTED OTHERWISE. FLEXIBLE DUCT CONNECTION TO THE DIFFUSER SHALL BE NO MORE THAN 5 FEET IN LENGTH FLEXIBLE DUCT SHALL NOT BE USED FOR ELBOW TO DIFFUSER WITH A FLEXFLOW SUPPORT ELBOW.

AC. PROVIDE VOLUME DAMPERS AS SHOWN ON THE DRAWINGS, AS REQUIRED BY THE SPECIFICATIONS, AND SHOWN IN TYPICAL DETAILS. LOCATE VOLUME DAMPERS IN ACCESSIBLE LOCATIONS. A VOLUME DAMPER SHALL BE PROVIDED FOR EACH DIFFUSER AND GRILLE IN ORDER TO BALANCE EACH AIR DEVICE INDEPENDENTLY PER SPECIFIED CFM STATED ON DRAWINGS.

AD. DUCTWORK DIMENSIONS SHOWN ON DRAWINGS ARE INSIDE CLEAR, UNLESS NOTED OTHERWISE.

AE. INSTALL AIRFOIL TURNING VANES IN ALL 90 DEGREE ELBOWS EXCEPT TRANSFER DUCTS AND OPEN RETURN AIR BOOTS.

AF. CONTRACTOR SHALL COMPLY WITH SMACNA "HVAC DUCT CONSTRUCTION AND STANDARDS" AND OTHER APPLICABLE STANDARDS INCLUDED IN THE SPECIFICATIONS FOR THE CONSTRUCTION AND SUPPORT OF DUCTWORK, UNLESS OTHERWISE NOTED

AG. ALL DUCTS SHALL BE RUN ABOVE CEILING. WHERE NO CEILINGS ARE INSTALLED, INSTALL AS HIGH AS POSSIBLE TO STRUCTURE UNLESS NOTED OTHERWISE. IN GENERAL, KEEP DUCT MAINS NEXT TO UNDERSIDE OF STRUCTURE.

AH. CHANGES IN HVAC DUCT ELEVATIONS SHALL BE PROVIDED AND BE COORDINATED WITH OTHER SYSTEMS INCLUDING, BUT NOT LIMITED, TO PLUMBING, FIRE PROTECTION, ELECTRICAL, AND BUILDING ELEMENTS SYSTEMS. OFFSET DUCTS INTO JOIST SPACE FOR WHERE SPACE ABOVE CEILING IS NOT SUFFICIENT FOR DUCTS TO CROSS OTHER DUCTS OR WORK OF OTHER CONTRACTORS.

AI. DUCTWORK ON DRAWINGS DOES NOT INDICATE ALL REQUIRED OFFSETS AND FITTINGS. INCLUDE THESE OFFSETS AND FITTINGS TO COORDINATE WITH OTHER CONTRACTORS.

AJ. SECURELY FASTEN ALL DUCTWORK WITHIN STRUCTURES TO THE BUILDING CONSTRUCTION BY MEANS OF HANGERS, SUPPORTS, GUIDES, ANCHORS, AND SWAY BRACES TO MAINTAIN DUCTWORK ALIGNMENT, TO PREVENT SAGGING, AND TO PREVENT NOISE AND EXCESSIVE STRAIN ON DUCTWORK DUE TO MOVEMENT UNDER OPERATING CONDITIONS. SUPPORTS FOR ALL DUCTWORK SHALL BE IN ACCORDANCE WITH LATEST ANSI AND SMACNA STANDARDS.

AK. CONTRACTOR SHALL PROTECT DUCTWORK TO PREVENT ENTRY OF DIRT AND ANY OTHER FOREIGN MATERIAL DURING THE INSTALLATION.

AL. COLOR CODE AND LABEL DUCTWORK IN ACCORDANCE WITH SPECIFICATIONS.

AM. ALL WORK, EQUIPMENT AND MATERIALS SHALL BE PROTECTED AT ALL TIMES. ALL DUCT OPENINGS SHALL BE PROPERLY CAPPED OR PLUGGED DURING INSTALLATION.

AN. DEMOLITION OF ANY ITEM SHALL INCLUDE ALL ASSOCIATED ITEMS THIS INCLUDES, BUT IS NOT LIMITED TO: SUPPORTS, HANGERS, PADS, FASTENERS, INSERTS, SLEEVES, STRAPS, ATTACHMENTS, LEVELERS, AND ALL OTHER ITEMS FOR A COMPLETE DEMOLITION OF THE ITEM.

AO. ALL EQUIPMENT TO BE REMOVED SHALL BE DISPOSED OF BY THE CONTRACTOR IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL LAWS, ORDINANCES, RULES AND REGULATIONS.

AP. ALL EQUIPMENT TO BE REUSED OR RETURNED TO THE OWNER SHALL BE REMOVED SO AS TO NOT DAMAGE THE EQUIPMENT, MATERIAL OR AFFECT ITS REUSE. IF ANY EQUIPMENT OR MATERIAL IS DAMAGED BY THE CONTRACTOR, IT SHALL BE REPLACED BY THE CONTRACTOR, WITH NO EXPENSE TO THE OWNER.



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ADVANCED ENGINEERING CONSULTANTS ENGINEER

1405 DUBLIN ROAD D// 614 486.4778 COLUMBUS, OH 43215

DATE

CLIENT

DESCRIPTION

Pickerington Public Library - Main Branch

Renovation

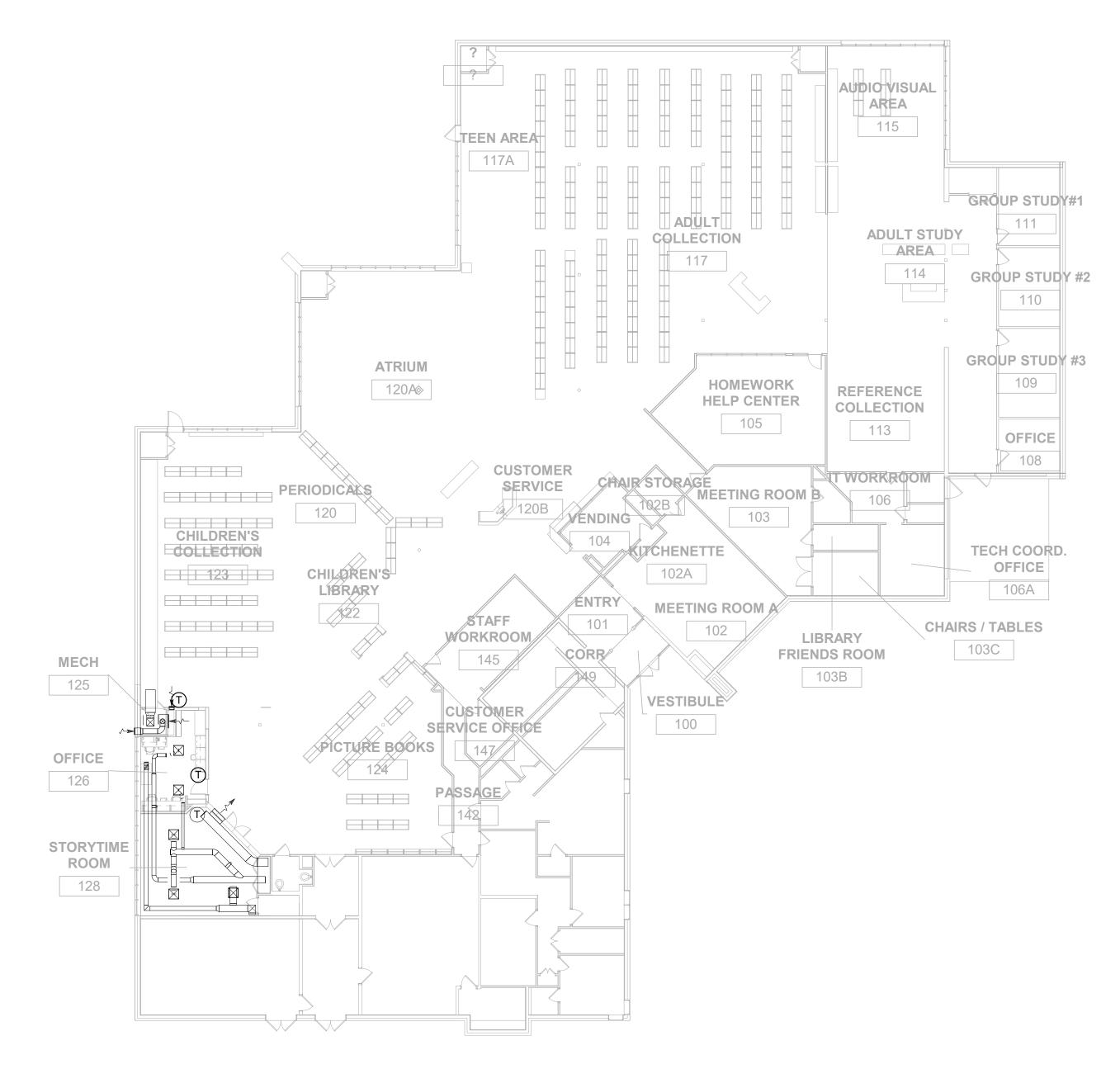
201 Opportunity Way Pickerington, OH 43147

GENERAL INFORMATION MECHANICAL

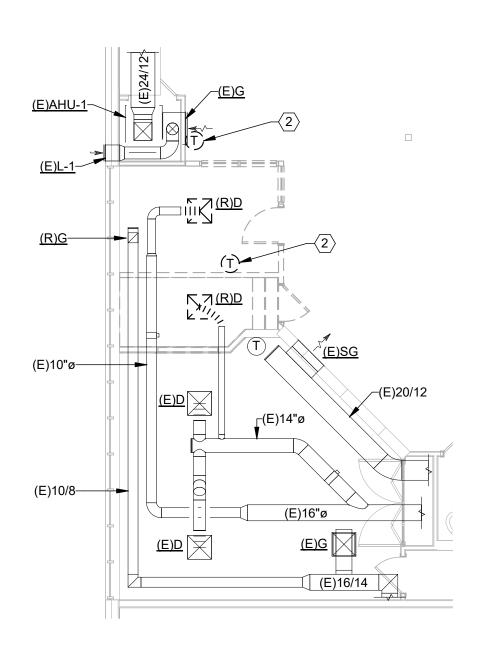
commission no. 22030.00 scale: NTS date: 03-15-2023 revised:

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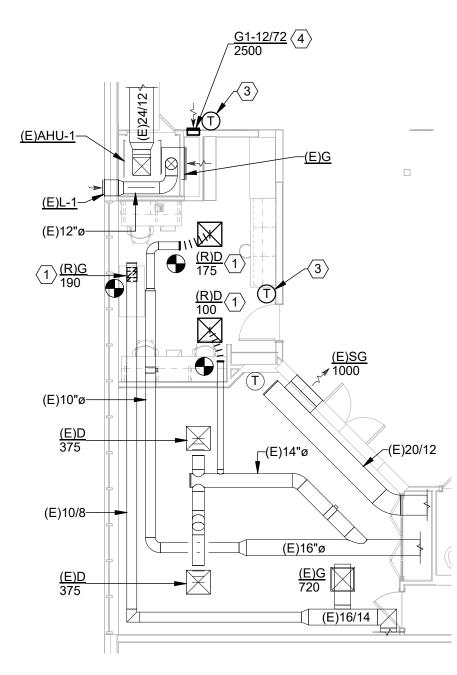


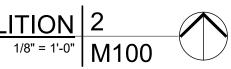


FIRST FLOOR PLAN - OV



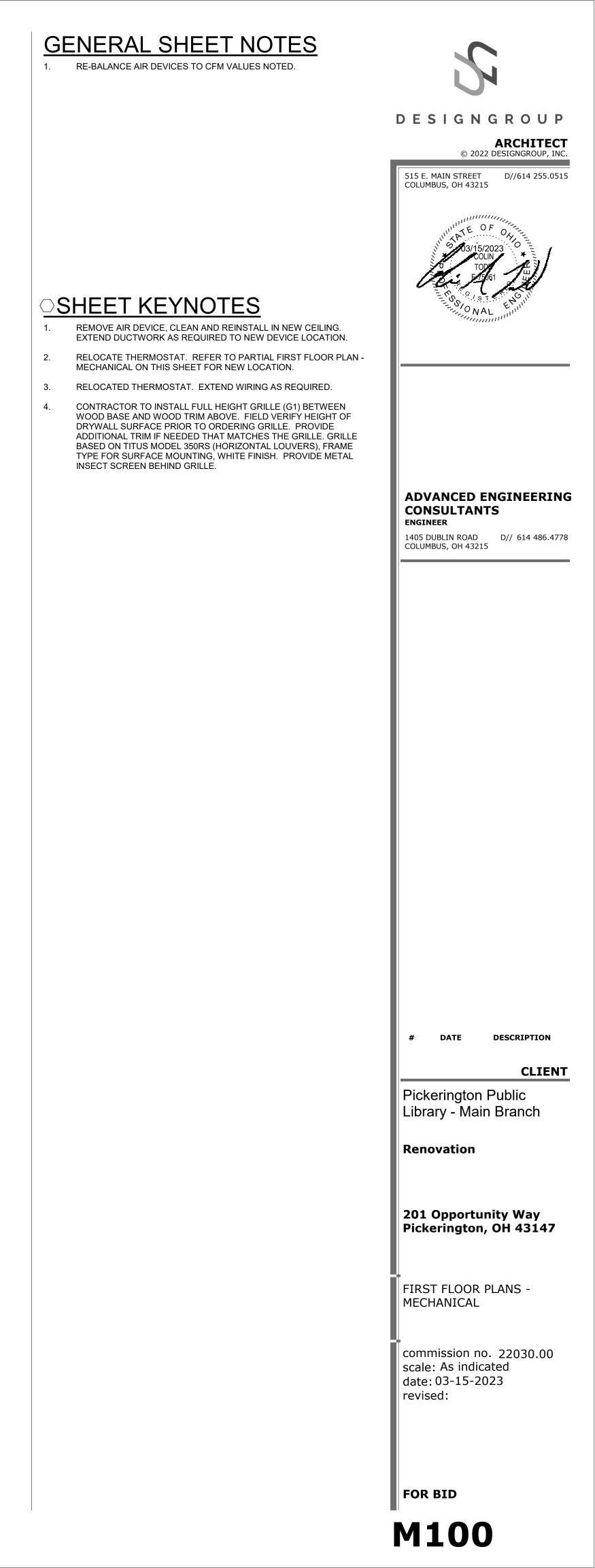
PARTIAL FIRST FLOOR PLAN - MECHANICAL - DEMOLITION 2 1/8" = 1'-0" M100





PARTIAL FIRST FLOOR PLAN - MECHANICAL 3 1/8" = 1'-0" M100





	ABBREVIATIONS	LIC	GHTING SYMBO
IOTE: NO	T ALL ABBREVIATIONS MAY BE USED.	NOTE: NOT AL	L SYMBOLS MAY BE USED.
(A)	EXISTING TO BE ABANDONED		GENERAL PURPOSE LUMINAIRE: REFER TO LUMINAIRE SCHEDULE FOR A
(D) (E)	EXISTING TO BE DEMOLISHED		INFORMATION
(E)	FUTURE		GENERAL PURPOSE LUMINAIRE ON EM POWER: REFER TO LUMINAIRE SCHEDU
(R)	EXISTING TO BE RELOCATED		ADDITIONAL INFORMATION
Α	AMPERE	o	ROUND LUMINAIRE: REFER TO LUMINAL
AC AFF	ALTERNATING CURRENT OR AIR CONDITIONER ABOVE FINISHED FLOOR		
AFF	ABOVE FINISHED GRADE		WALL WASHER: REFER TO LUMINAIRE S
AIC	AMPS INTERRUPTING CAPACITY		WALL MOUNTED LUMINAIRE: REFER TO
ANNC	ANNUNCIATOR	Ю	SCHEDULE FOR ADDITIONAL INFORMAT
AWG BPS	AMERICAN WIRE GAUGE BOLTED PRESSURE SWITCH		WALL MOUNTED DECORATIVE LUMINAI
С	CONDUIT		TO LUMINAIRE SCHEDULE FOR ADDITIC
СВ	CIRCUIT BREAKER		WALL MOUNTED FLOOD LIGHT: REFER
CCTV	CLOSED CIRCUIT TELEVISION		LUMINAIRE SCHEDULE FOR ADDITIONAL
CKT CM	CIRCUIT CONSTRUCTION MANAGER		TRACK LIGHTING
DC	DIRECT CURRENT		TRACK LIGHTING HEAD
DP	DISTRIBUTION PANELBOARD		REMOTE HEAD STEP LIGHT
DTT	DOUBLE TWIN TUBE		EMERGENCY LIGHT
EB EC	ELECTRONIC BALLAST ELECTRICAL CONTRACTOR		EXIT SIGN
EC	EMERGENCY		CEILING MOUNTED ILLUMINATED EXITS
EMT	ELECTRICAL METAL TUBING		
EWC	ELECTRIC WATER COOLER		EMERGENCY DUAL FACE ILLUMINATED WITH DIRECTIONAL ARROWS
FA FLA	FIRE ALARM FULL LOAD AMPS		EXIT SIGN WITH INTEGRAL HEADS
G	GROUND	¥≻	
GC	GENERAL TRADES CONTRACTOR	\$×	SWITCH: X=BLANK-SINGLE POLE 20A, TC X=3-THREE WAY; X=4-FOUR WAY; X=P-P
GFCI	GROUND FAULT CIRCUIT INTERRUPTER	¥	X=K-KEY; X=MS-MOMENTARY
GEN HOA	GENERATOR HAND-OFF-AUTOMATIC		PHOTOCELL
HP	HORSEPOWER		WALL MOUNTED OCCUPANCY SENSOR
HPC	HIGH PRESSURE CONTACT SWITCH	OSX	X=BLANK-DUAL TECHNOLOGY; X=IR-PA INFRARED; X=US-ULTRASONIC
HZ	HERTZ		CEILING MOUNTED OCCUPANCY SENSO
IG IMC	ISOLATED GROUND INTERMEDIATE METAL CONDUIT	Ø [×]	X=BLANK-DUAL TECHNOLOGY; X=IR-PA INFRARED; X=US-ULTRASONIC
INCD	INCANDESCENT		DIMMER
KVA	KILOVOLT AMPERE	PP	POWER PACK
KW	KILOWATT		JUNCTION BOX
LTG LRA	LIGHTING OR LIGHT LOCKED ROTOR AMPS		PANELBOARD
MCA	MINIMUM CIRCUIT AMPACITY		
MCB	MAIN CIRCUIT BREAKER		LIGHTING CONTROL PANEL
MCC			LOW VOLTAGE TRANSFORMER
MDP MLO	MAIN DISTRIBUTION PANEL MAIN LUGS ONLY		
MOCP	MAXIMUM OVERCURRENT PROTECTION		
MSB	MAIN SWITCHBOARD		
MH	METAL HALIDE		
MTS NAC	MANUAL TRANSFER SWITCH NOTIFICATION APPLIANCE CIRCUIT		
NC	NORMALLY CLOSED		
NO	NORMALLY OPEN		
NF OCC	NON-FUSED OCCUPANCY		
PA	PUBLIC ADDRESS		
PB	PULL BOX OR PUSH BUTTON	—1	
PVC	POLYVINYL CHLORIDE (PLASTIC PIPE)		
PWR	POWER		
RECPT STP	RECEPTACLE SHIELDED, TWISTED PAIR	—]	
TC	TIME CLOCK		
TRT	TRIPLE TUBE		
TYP			
UNO UTP	UNLESS NOTED OTHERWISE UNSHIELDED, TWISTED PAIR	—	
V	VOLT	—	
W	WATT		
WAP	WIRELESS ACCESS POINT		
WH			
WP XFMR	WEATHERPROOF, NEMA 3R UNO	—]	
Z	IMPEDANCE		
	PHASE	1	

NG SYMBOLS	P	OWER SYMBOLS		
MAY BE USED.		L SYMBOLS MAY BE USED.		
PURPOSE LUMINAIRE:) LUMINAIRE SCHEDULE FOR ADDITIONAL TION	\Rightarrow^{X}_{Z}	20A DUPLEX RECEPTACLE WITH COVER PLATE: X=TYPE, Y"=NON-STANDARD MOUNTING HEIGHT, Z=SPECIAL DESIGNATION, (18" AFF TYPICAL)		
PURPOSE LUMINAIRE ON EMERGENCY REFER TO LUMINAIRE SCHEDULE FOR AL INFORMATION	→ Y Z	DUPLEX RECEPTACLE ON EMERGENCY CIRCUIT WITH COVER PLATE: X=TYPE, Y"=NON-STANDARD MTG HEIGHT, Z=SPECIAL DESIGNATION, (18" AFF TYPICAL)		
JMINAIRE: REFER TO LUMINAIRE SCHEDULE TIONAL INFORMATION	€ ^{F,C}	FLOOR OR CEILING MOUNTED DUPLEX RECEPTACLE: F=FLOOR, C=CEILING		
SHER: REFER TO LUMINAIRE SCHEDULE TIONAL INFORMATION		DUPLEX RECEPTACLE: ABOVE COUNTER (48" AFF		
UNTED LUMINAIRE: REFER TO LUMINAIRE E FOR ADDITIONAL INFORMATION	 	TYPICAL) DOUBLE-DUPLEX RECEPTACLE WITH SINGLE		
JNTED DECORATIVE LUMINAIRE: REFER	- -	COVER PLATE SIMPLEX RECEPTACLE WITH COVER PLATE		
AIRE SCHEDULE FOR ADDITIONAL		WEATHER RESISTANT DUPLEX RECEPTACLE,		
JNTED FLOOD LIGHT: REFER TO E SCHEDULE FOR ADDITIONAL TION	€ ^{WP}	GROUND FAULT CIRCUIT INTERRUPTING WITH IN-USE COVER		
GHTING	-⊖ ^{U,a}	DUPLEX RECEPTACLE WITH TWIN USB-C PORTS (LEVITON T5836)		
GHTING HEAD	Ub			
HEAD	-⊖ ^{U,b}	OUTLET WITH FOUR USB-A PORTS (LEVITON USB4P)		
IT	HØ	WALL MOUNTED SPECIAL RECEPTACLE: REFER TO		
ICY LIGHT		PLANS FOR ADDITIONAL INFORMATION		
I IOUNTED ILLUMINATED EXIT SIGN WITH	© ^{F,C}	FLOOR OR CEILING MOUNTED SPECIAL RECEPTACLE: F=FLOOR, C=CEILING REFER TO PLANS FOR ADDITIONAL INFORMATION		
NAL ARROWS	==	SURFACE MOUNTED RACEWAY		
ICY DUAL FACE ILLUMINATED EXIT SIGN ECTIONAL ARROWS	х Бү z	STANDARD DISCONNECT SWITCH: X=DISCONNECT SIZE, Y=NUMBER OF POLES		
WITH INTEGRAL HEADS	X Z Z	STANDARD FUSED DISCONNECT SWITCH: X=DISCONNECT SIZE, Y=FUSE SIZE, Z=NUMBER OF POLES		
K=BLANK-SINGLE POLE 20A, TOGGLE; E WAY; X=4-FOUR WAY; X=P-PILOT LIGHT; X=MS-MOMENTARY	X X Y 7	MOTOR STARTER: X=STARTER SIZE, Y=NUMBER OF POLES		
	X X Y 7	COMBINATION MOTOR STARTER/DISCONNECT SWITCH: X=STARTER SIZE, Y=FUSE SIZE, Z=NUMBER OF POLES		
JNTED OCCUPANCY SENSOR: DUAL TECHNOLOGY; X=IR-PASSIVE); X=US-ULTRASONIC		MOTOR (BY OTHERS): PROVIDE POWER AS INDICATED		
IOUNTED OCCUPANCY SENSOR:	м	UTILITY METER		
DUAL TECHNOLOGY; X=IR-PASSIVE); X=US-ULTRASONIC	; X=IR-PASSIVE			
ACK	J	JUNCTION BOX		
ACK I BOX	\square	TRANSFORMER		
ARD	ΗH	HANDHOLE/POLE BOX: SEE DETAILS FOR ADDITIONAL INFORMATION		
CONTROL PANEL	СР	CONTROL PANEL		
	SPD	SURGE PROTECTIVE DEVICE		
TAGE TRANSFORMER	0 1	PANELBOARD		
	ATS	AUTOMATIC TRANSFER SWITCH		
	VFD	VARIABLE FREQUENCY DRIVE (BY DIVISION 23)		
	•	PUSH BUTTON		
		POWER POLE		
	<u>ତ</u> ୧୩ [×]			
		POKE THROUGH SERVICE FITTING: X=TYPE		

FIRE ALARM SYMBOLS

NOTE: NOT ALL SYMBOLS MAY BE USED.

HORN WITH STROBE (80" AFF TO BOTTOM OF DEVICE) ğ

TELECOMM SYMBOLS

NOTE: NOT ALL SYMBOLS MAY BE USED.

JUNCTION BOX ROUGH-IN FOR DATA OUTLET T

SECURITY SYMBOLS

NOTE: NOT ALL SYMBOLS MAY BE USED. CR JUNCTION BOX ROUGH-IN FOR CARD READER

LINE TYPE LEGEND

EXISTING TO REMAIN

EXISTING TO BE REMOVED

- NEW WORK



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ADVANCED ENGINEERING CONSULTANTS ENGINEER

1405 DUBLIN ROAD D// 614 486.4778 COLUMBUS, OH 43215

DATE #

DESCRIPTION

CLIENT

Pickerington Public Library - Main Branch

Renovation

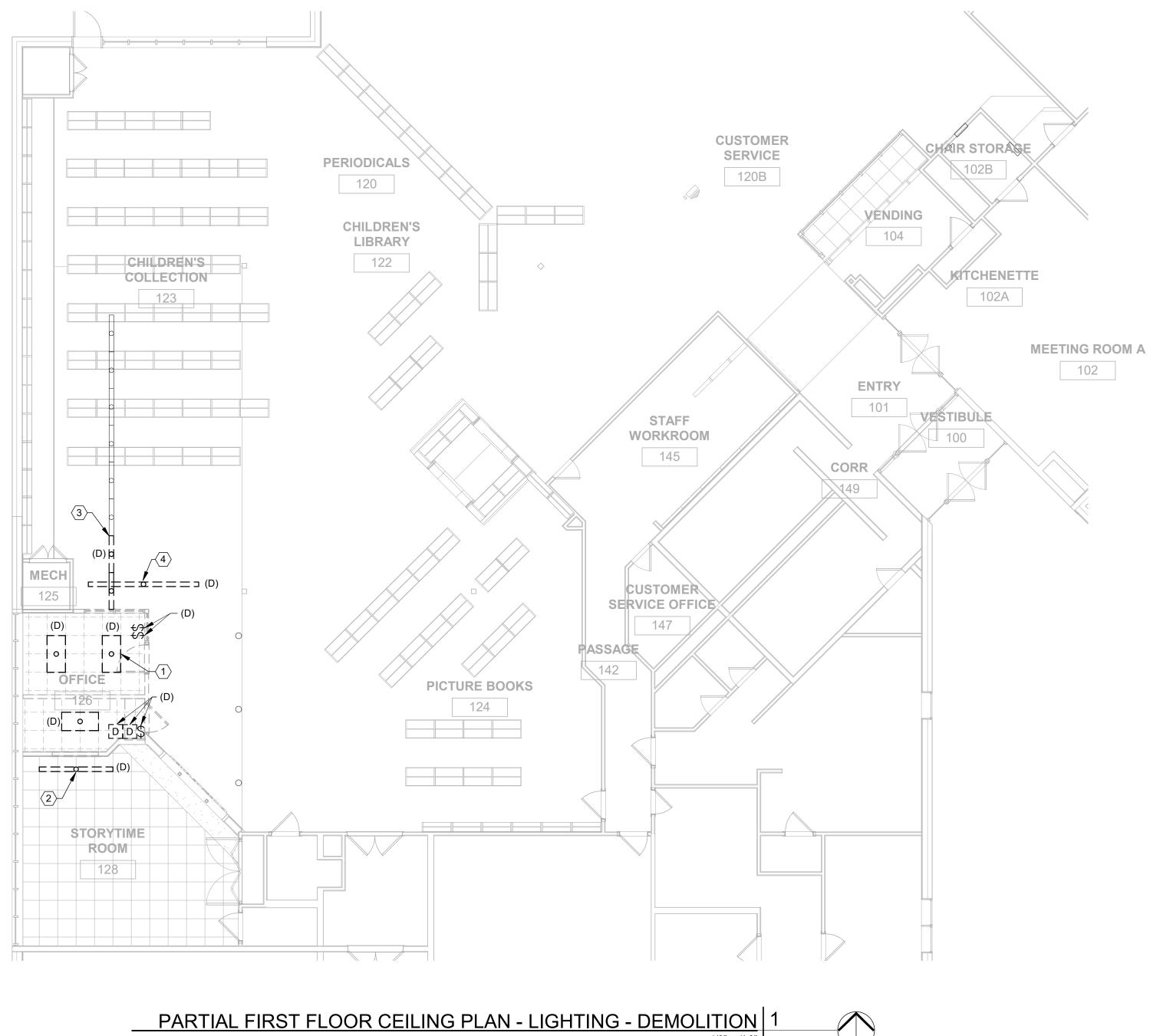
201 Opportunity Way Pickerington, OH 43147

GENERAL INFORMATION -ELECTRICAL

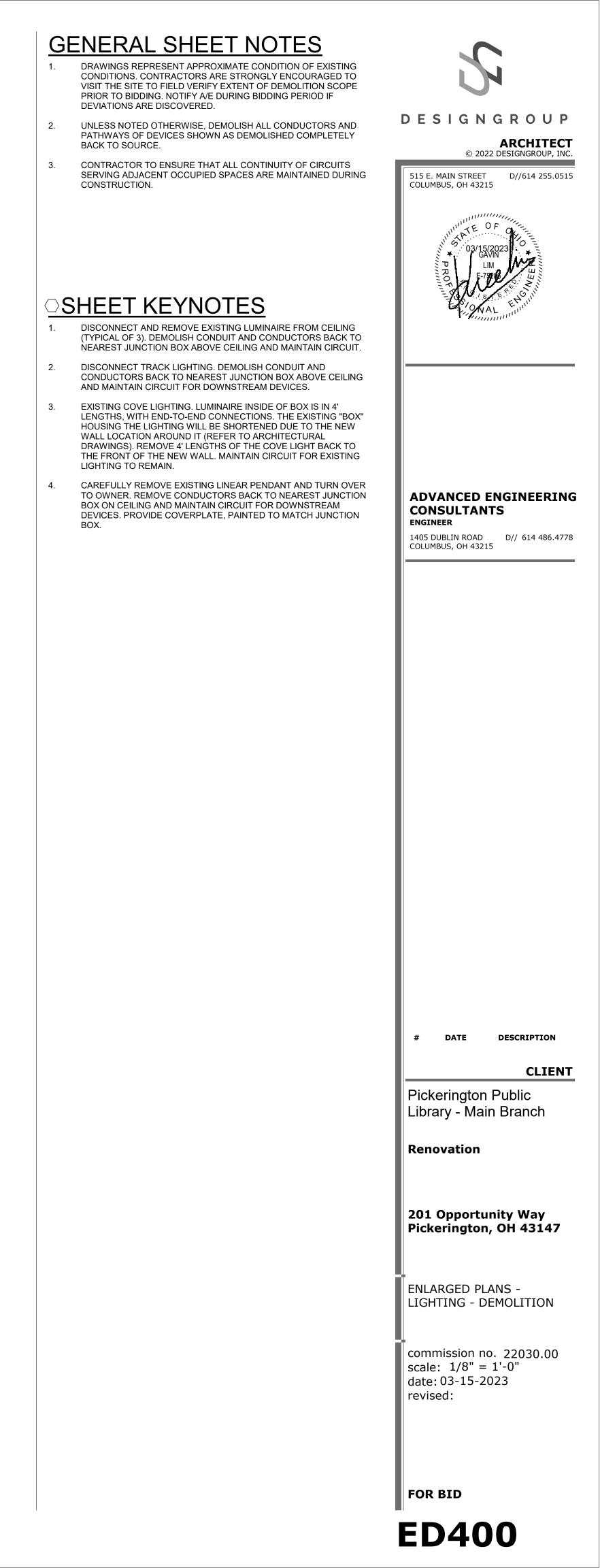
commission no. 22030.00 scale: NTS date: 03-15-2023 revised:

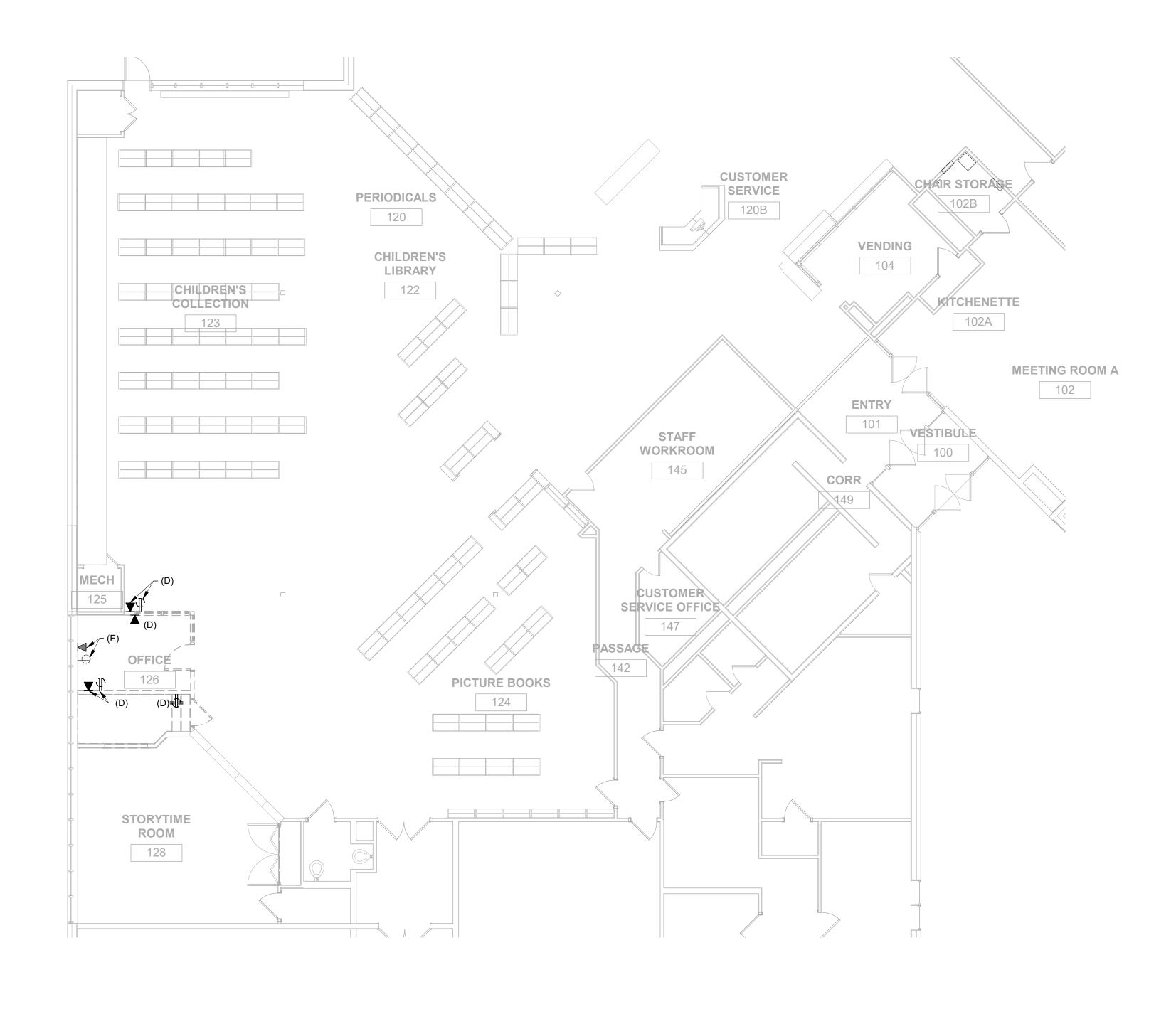
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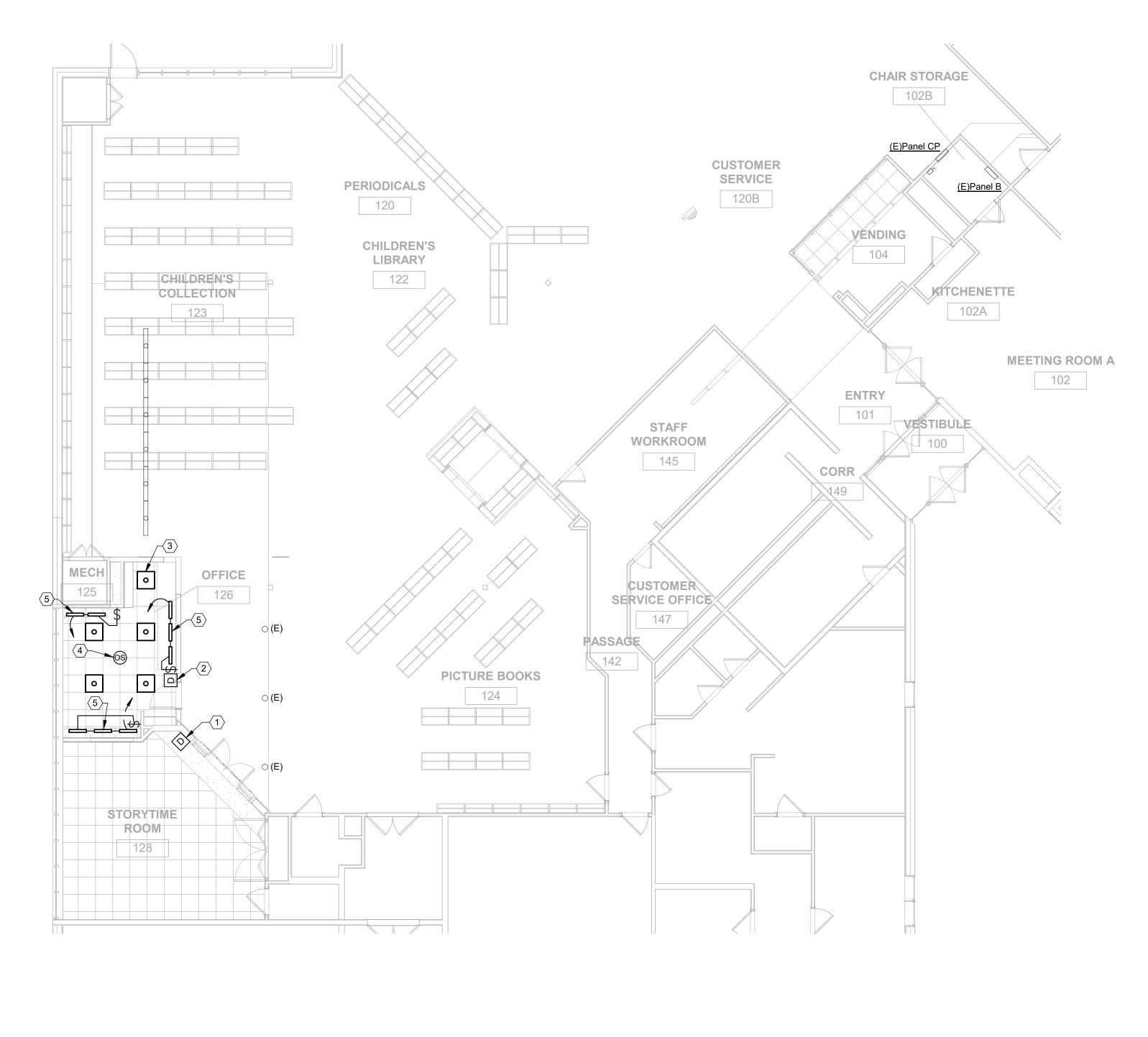
PARTIAL FIRST FLOOR CEILING PLAN - LIGHTING - DEMOLITION 1 1/8" = 1'-0" ED400



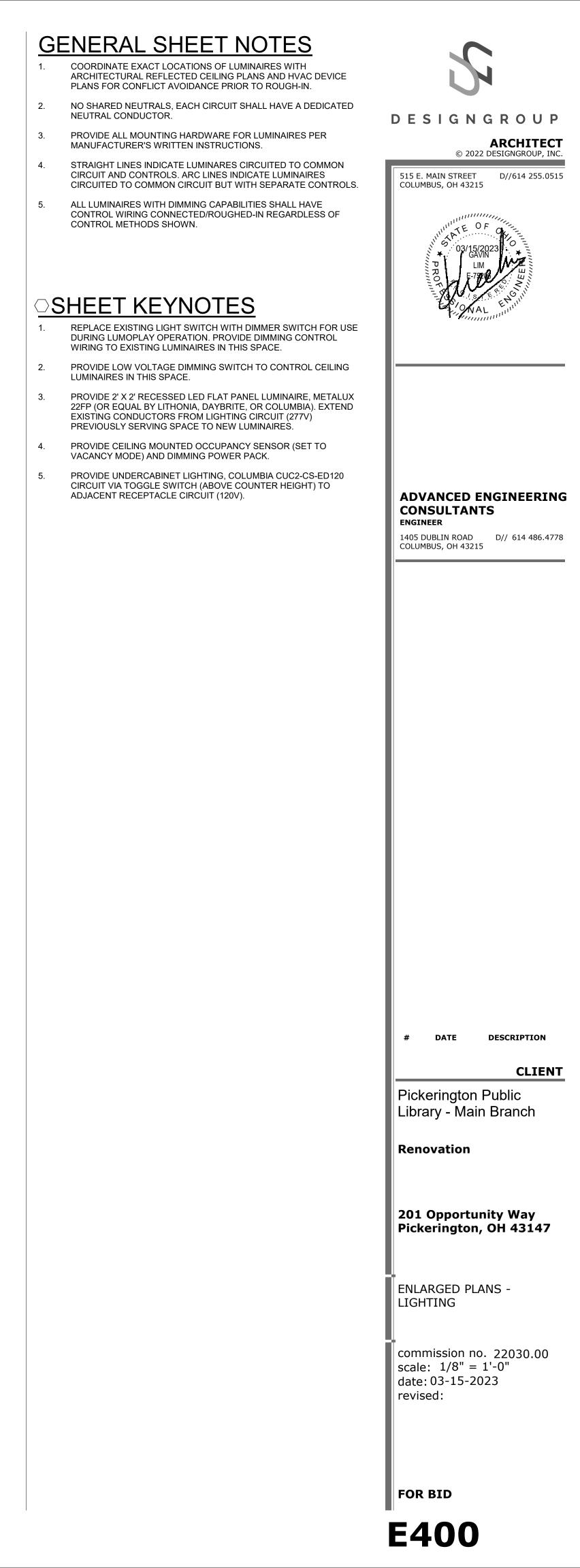


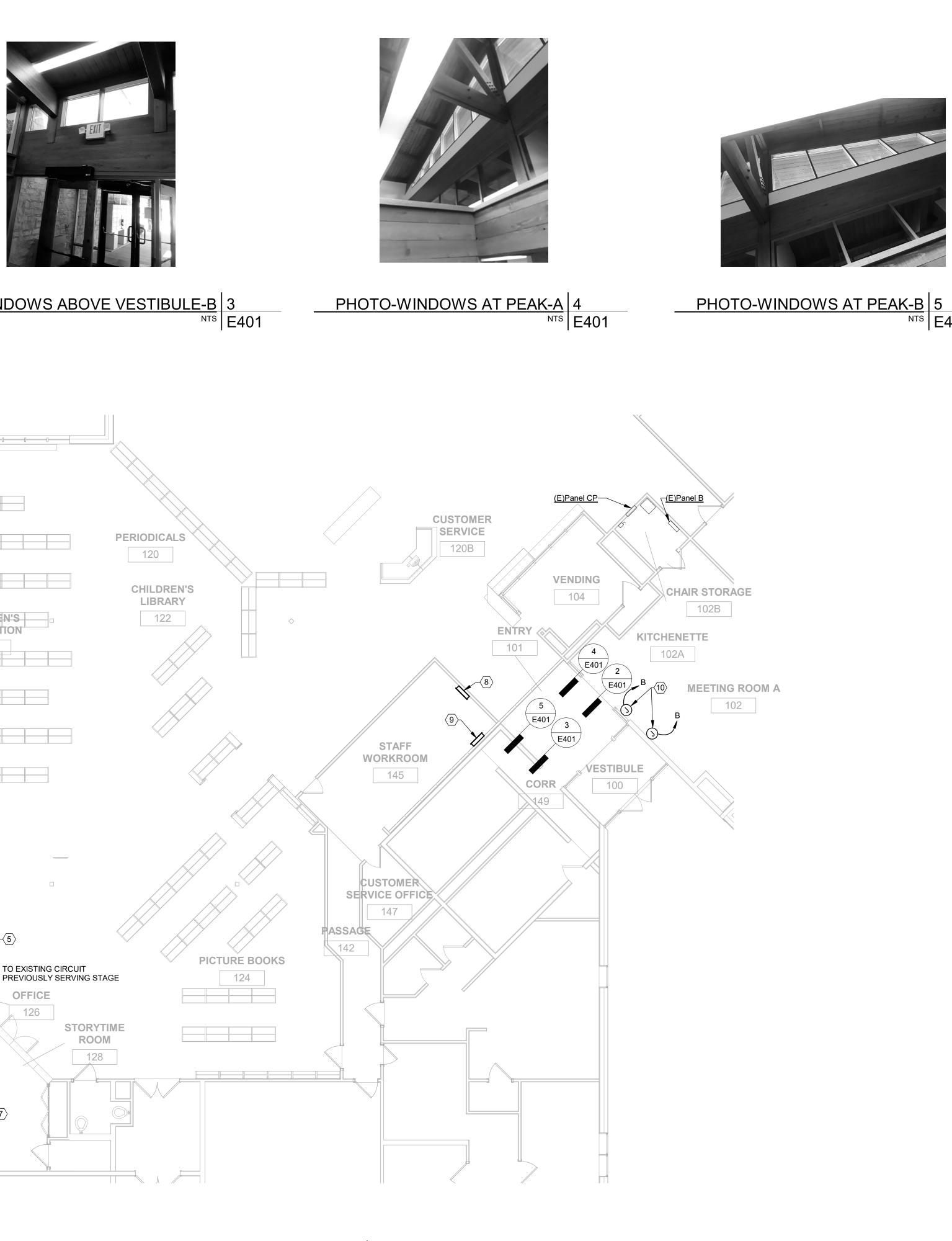
PARTIAL FIRST FLOOR PLAN - POWER AND SYSTEMS - DEMOLITION 1 1/8" = 1'-0" ED401

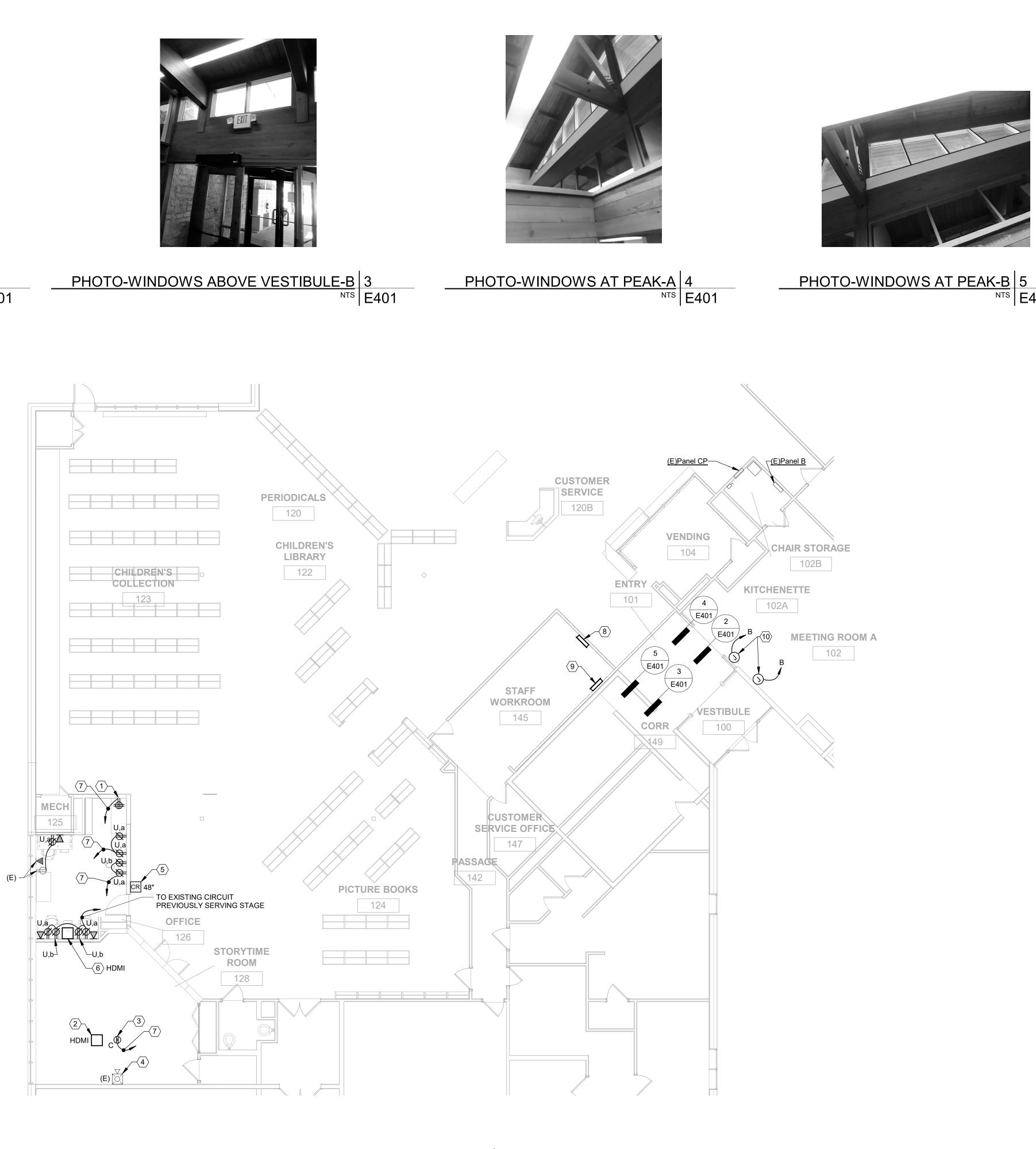
	DRAWINGS REPRESENT APPROXIMATE CONDITION OF EXISTING CONDITIONS. CONTRACTORS ARE STRONGLY ENCOURAGED TO VISIT THE SITE TO FIELD VERIFY EXTENT OF DEMOLITION SCOPE PRIOR TO BIDDING. NOTIFY A/E DURING BIDDING PERIOD IF	N
2.	DEVIATIONS ARE DISCOVERED. UNLESS NOTED OTHERWISE, DEMOLISH ALL CONDUCTORS AND PATHWAYS OF DEVICES SHOWN AS DEMOLISHED COMPLETELY BACK TO SOURCE.	DESIGNGROUP ARCHITECT
3.	CONTRACTOR TO ENSURE THAT ALL CONTINUITY OF CIRCUITS SERVING ADJACENT OCCUPIED SPACES ARE MAINTAINED DURING CONSTRUCTION.	© 2022 DESIGNGROUP, INC 515 E. MAIN STREET D//614 255.051 COLUMBUS, OH 43215
		PROTOS E PROTOS
		ADVANCED ENGINEERING CONSULTANTS ENGINEER 1405 DUBLIN ROAD D// 614 486.477 COLUMBUS, OH 43215
		# DATE DESCRIPTION
		CLIENT Pickerington Public
		Library - Main Branch
		Library - Main Branch Renovation
		Library - Main Branch
		Library - Main Branch Renovation 201 Opportunity Way
		Library - Main Branch Renovation 201 Opportunity Way Pickerington, OH 43147 ENLARGED PLANS - POWER AND SYSTEMS -
		Library - Main Branch Renovation 201 Opportunity Way Pickerington, OH 43147 ENLARGED PLANS - POWER AND SYSTEMS - DEMOLITION commission no. 22030.00 scale: 1/8" = 1'-0" date: 03-15-2023









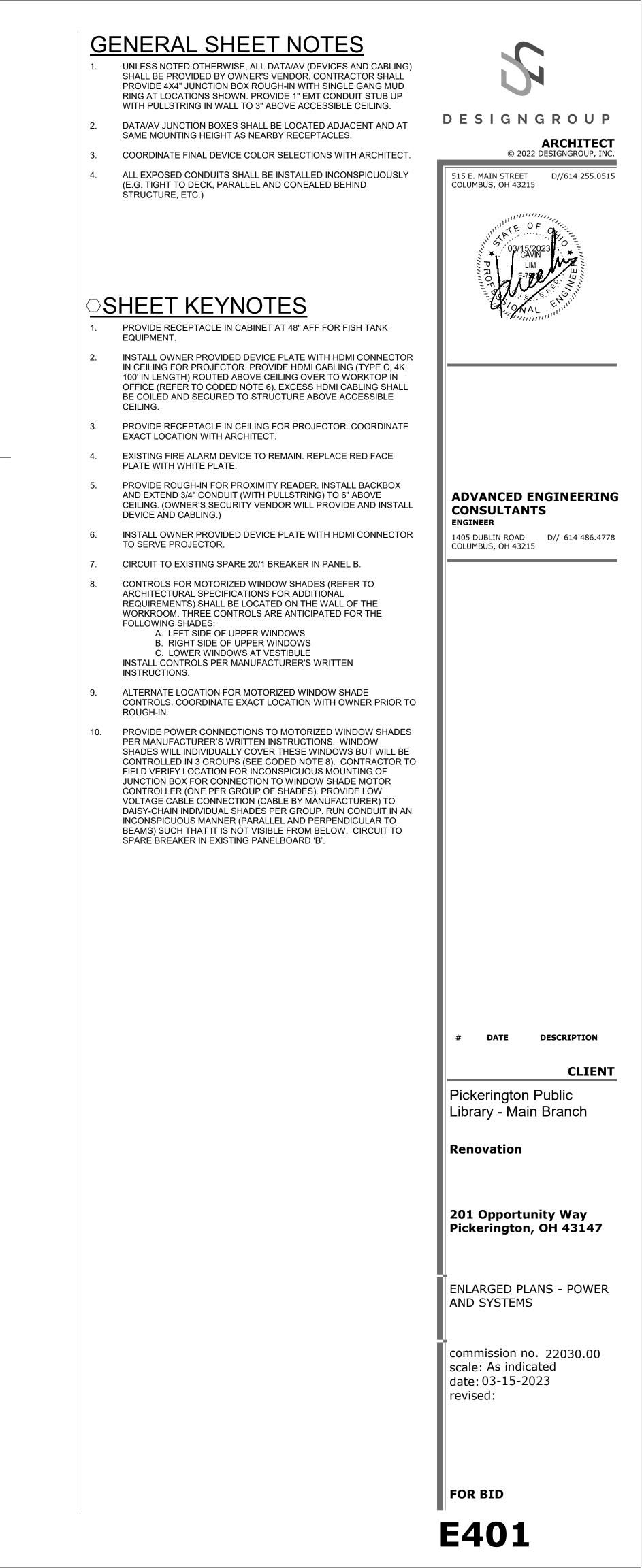


^{1/8" = 1'-0"} E401



PHOTO-WINDOWS ABOVE VESTIBULE-A 2 ^{NTS} E401

ΒIΜ 56:52 3/16/2023 10



^{NTS} E401