

Columbus Metropolitan Library Marion Franklin Branch

Lockbourne Road, between Faber Ave & Evergreen Rd
Columbus, Ohio 43207



**SCHOOLEY
CALDWELL**

ARCHITECTURE. INSPIRED.

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Consultants:

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Landscape Architect
MKSK
402 Linden St, Columbus OH 43215

Structural Engineer
SMDH
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MEP Engineer
Advanced Engineering Consultants
1405 Dublin Rd, Columbus OH 43215

Drawing Issue Dates

Schematic Design Plus Submittal
9/28/2023

Design Development Submittal
11/2/2023

Revision Schedule

No.	Description	Date
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CML Marion
Franklin Branch

Lockbourne Road, between
Faber Ave & Evergreen Rd
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NOT FOR CONSTRUCTION

Cover Sheet

General
G000

Issue Date

22150

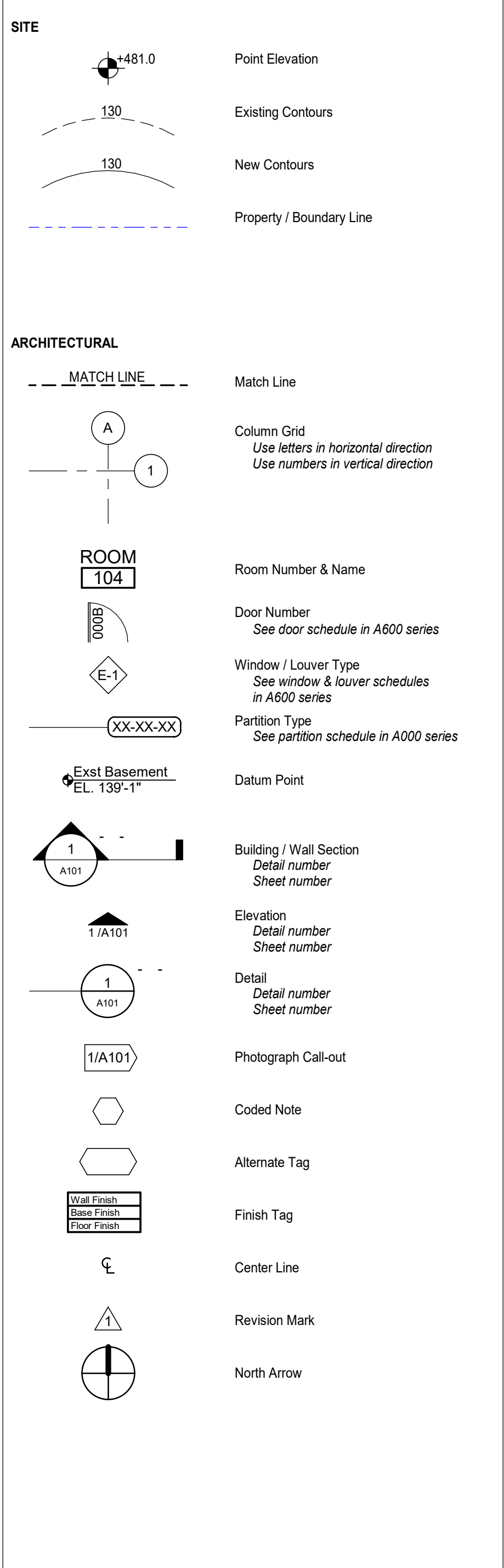
Abbreviations

&	And	FA	Fire Alarm	PLAM	Plastic Laminate
∠	Angle	FD	Floor Drain	PLYWD	Plywood
@	At	FE	Fire Extinguisher	PSF	Pounds per Square Foot
∅	Diameter	PEC	Fire Extinguisher Cabinet	PSI	Pounds per Square Inch
#	Pound(s)	F.F.	Finished Floor	PT / PTD	Paint / Painted
A/C	Air Conditioning	FF EL	Finish Floor Elevation	PVC	Poly Vinyl Chloride
ACT	Acoustic Ceiling Tile	FN	Finish	QT	Quarry Tile
ADD'L	Additional	FLR	Floor	R	Radius
ADJ	Adjacent	FLR	Footing	RCP	Reflected Ceiling Plan
AE	Architect And/ Or Engineer	GA	Gauge	RD	Roof Drain
AF	Above Finished Floor	GB	Grab Bar	REIN	Reinforced / Reinforcing
ALLM	Aluminum	GYP	Gypsum	REQD	Required
ALT	Alternate	HM	Hollow Metal	RR	Rest Room
ARCH	Architectural	HORIZ	Horizontal	REV	Revision
ASPH	Asphalt	HSS	Tube Steel	RM	Room
B/	Bottom of	HT	Height	RO	Rough Opening
BD	Board	HVAC	Heating/Ventilating/Air Conditioning	SCHED	Schedule
BLDG	Building	INSUL	Insulation	SD	Storm Drain
BOT	Bottom	INT	Interior	SECT	Section
C	Center	JT	Janitor's Closet	SF	Square Feet
C/C	Center to Center	JC	Joint	SHT	Sheet
CAB	Cabinet	LAM	Laminate	SIM	Similar
CJ	Control Joint	LAV	Lavatory	SPEC	Specifications
CL /	Center Line	LG	Long	SQ	Square
CLD	Ceiling	LB / Lbs.	Pound(s)	STD	Standard
CLR	Clear	LH	Left Hand	STL	Steel
CMU	Concrete Masonry Unit	MATL	Material	STOR	Storage
COL	Column	MAX	Maximum	STR	Stair
CONC	Concrete	MECH	Mechanical	STRUCT	Structural
CONT	Continuous	MFR	Manufacturer / Supplier	SUSP	Suspended
CONSTR	Construction	MIN	Minimum	T/	Top of (T/STL, T/CONC)
COORD	Coordinate	NTS	Not to Scale	THK	Thickness
CT	Ceramic Tile	NA / N/A	Not Applicable	THRU	Through
CTR	Center	NIC	Not in Contract	TOC	Top of Concrete
CU FT	Cubic Foot	NO / #	Number	TOS	Top of Steel
CU YD	Cubic Yard	NOM	Nominal	TYP	Typical
		NRC	Noise Reduction Coefficient	UNO	Unless Noted Otherwise
		NTS	Not to Scale	VERT	Vertical
		O.C.	On Center	VB	Vinyl Base
		OH	Opposite Hand	VCT	Vinyl Composition Tile
		OPP	Opposite	VIF	Verify in Field
				W/	With
				WC	Water Closet
				WD	Wood
				WF	Wide Flange
				W/O	Without

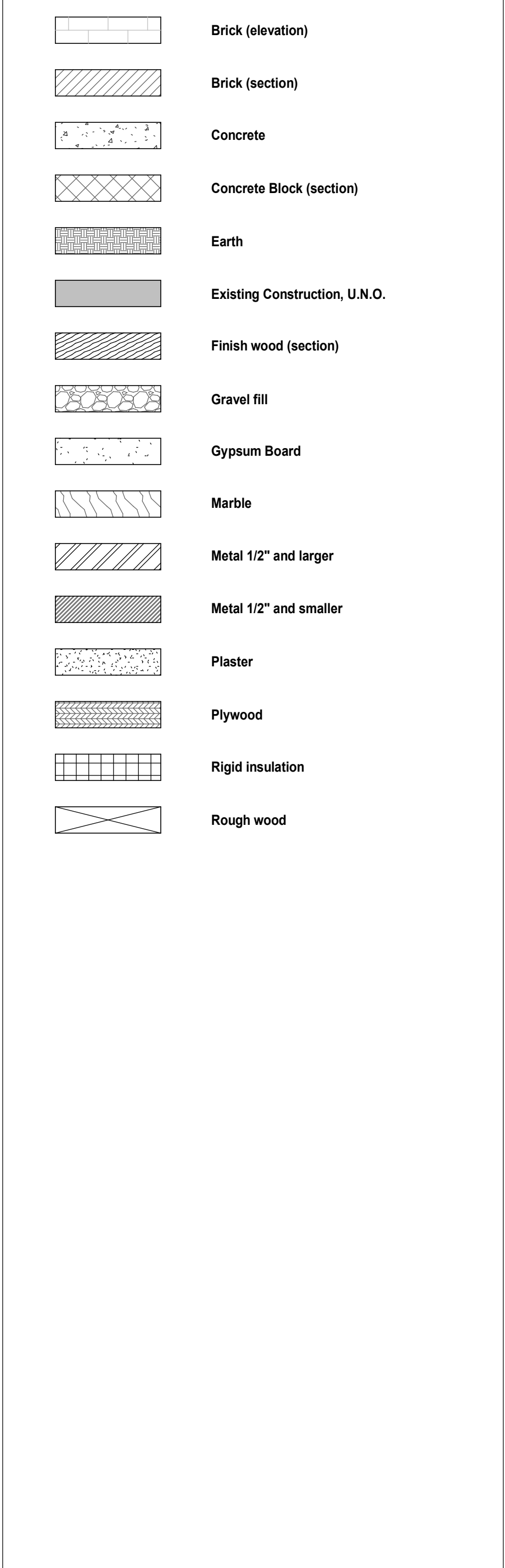
Project Keynotes	
03 30 00	CAST-IN PLACE CONCRETE
04 21 13	BRICK UNIT MASONRY
05 40 00	COLD-FORMED METAL FRAMING
07 20 00	THERMAL INSULATION
07 53 00	ELASTOMERIC MEMBRANE ROOFING
07 90 00	JOINT SEALANTS
08 38 13	
08 40 00	ENTRANCES, STOREFRONTS, AND CURTAIN WALLS
09 90 00	PAINTING AND COATING
10 14 19	DIMENSIONAL LETTER SIGNAGE
0929 0	
033000.1	STRUCTURAL CAST-IN-PLACE CONCRETE
033000.5	UNDER-SLAB VAPOR BARRIER
042200.10	MASONRY GROUTING
051200.1	STRUCTURAL STEEL FRAMING
053100.3	ROOF DECKING
053100.4	COMPOSITE METAL DECKING
054100.1	STRUCTURAL METAL STUD FRAMING
055200.1	METAL RAILINGS/GUARDRAILS
055200.2	METAL HANDRAILS
061000.1	BLOCKING
061000.2	DIMENSIONAL WOOD FRAMING
061000.5	PLYWOOD/OSB WALL SHEATHING
061000.6	PLYWOOD ROOF SHEATHING
061053.1	MOISTURE-RESISTANT GYPSUM SHEATHING
061700.1	WOOD JOIST STRUCTURAL FRAMING
072100.1.1	FIBERGLASS BATT INSULATION
072100.1.2	MINERAL WOOL BATT INSULATION
072100.2	RIGID BOARD INSULATION
072100.2.3	(ISO) POLYISOCYANURATE
072813.2	ABOVE GRADE VAPOR RETARDER
072700.1	AIR BARRIER
074213.1	METAL WALL PANELS
074213.23	
074243.1	METAL COMPOSITE PANELS
075400.02	COVER BOARD
075400.03	THERMOPLASTIC MEMBRANE ROOFING
075400.06	ROOF DECK INSULATION
075400.12	VAPOR BARRIER
077100.1	MANUFACTURED METAL COPINGS
077200.2	ROOF HATCHES
078413.1	FIRESTOPPING
079200.2	ELASTOMERIC JOINT SEALANT
081113.1	HOLLOW METAL DOORS
081113.2	HOLLOW METAL DOOR FRAMES
081416.1	FLUSH WOOD DOORS
081433.1	STILE AND RAIL WOOD DOORS
081433.2	WOOD DOOR FRAMES
082213.1	SLIDING ALUMINUM FRAMED GLASS DOOR
083613.1	SECTIONAL DOORS
084113.1	ALUMINUM-FRAMED ENTRANCES AND STOREFRONTS
084229.1	SLIDING AUTOMATIC ENTRANCES
084413.1	CURTAIN WALL ASSEMBLIES
086013.1	GLASS GLAZING
092216.1	NON-STRUCTURAL METAL FRAMING
092216.2	METAL CHANNEL FURRING
092216.3	RESILIENT CHANNEL FURRING
092900.1	GYPSUM BOARD
092900.3	ACOUSTIC BATT INSULATION
102113.1	TOILET COMPARTMENTS
102813.01	PAPER TOWEL DISPENSER
102813.02	WASTE RECEPTACLE

Project Keynotes	
102813.03	FRAMED MIRROR
102813.04	SOAP DISPENSER
102813.05	TOILET TISSUE DISPENSER
102813.06	CHANGING TABLE
102813.06.2	ADJUSTABLE HEIGHT CHANGING TABLE
102813.07.1	12" GRAB BAR
102813.07.2	18" GRAB BAR
102813.07.3	24" GRAB BAR
102813.07.4	36" GRAB BAR
102813.07.5	42" GRAB BAR
102813.07.6	18" VERTICAL GRAB BAR
102813.07.7	16" X 31" L-SHAPED GRAB BAR
102813.07.8	42" X 34" L-SHAPED GRAB BAR
102813.08	FOLDING SHOWER SEAT
102813.09	SHOWER CURTAIN ROD
102813.10	SHOWER CURTAIN
102813.11	SHOWER DOOR
102813.12	TOWEL PIN
102813.13	TOWEL ROD
102813.14	SANITARY NAPKIN VENDOR
102813.15	SANITARY NAPKIN DISPOSAL
102813.16	TOILET SEAT COVER VENDOR
102813.17	MOP AND BROOM HOLDER
102813.18	GARMENT HOOK
102813.20	UNDERLAVATORY GUARDS
102813.21	WARM-AIR DRYER
102813.22	
119013.1	RESIDENTIAL KITCHEN APPLIANCES

Symbols



Material Indications



Drawing Index

01 - General	G000	Cover Sheet
	G001	Index and Symbols
	G002	Code Analysis
02 - Civil	C001	Site Demolition Plan
	C002	Site Plan
	C003	Utility Plan
	C004	Grading and Drainage
03 - Landscape	L001	Index - Notes & Legends
	L001	Site Plan
	L1.00	Materials & Layout Plan
	L2.00	Soils Plan
	L3.00	Planting Plan
	L4.00	Site Details
	L4.01	Site Details
	L4.02	Planting Details
04 - Architectural	A010	Construction Assemblies
	A020	Wall Partitions
	A101	First Floor Plan
	A102	Roof Plan
	A151	Reflected Ceiling Plan
	A200	Exterior Elevations
	A201	Partial Exterior Elevations
	A300	Building Sections
	A310	Wall Sections
	A400	Exterior Details
	A600	Window Legend and Details
	A601	Interior Storefront and Demountables
	A610	Door Schedule
	A700	Enlarged Plans & Interior Elevations
	A701	Enlarged Restroom Plans and Elevations
	A801	Interior Details
	A900	Finish Plans
	A1001	Furniture Plan
05 - Structural	S001	Structural Cover Sheet
	S002	General Notes
	S101	Foundation Plan
	S102	Roof Framing Plan
	S201	Brace Framing
	S301	Sections
	S401	Framing Sections
06 - Fire Protection	F001	General Information Fire Protection
	F101	First Floor Plan Fire Protection
07 - Plumbing	P001	General Information Plumbing
	P100	Underfloor Plan - Plumbing
	P101	First Floor Plan Plumbing
	P102	Roof Plan - Plumbing
08 - Mechanical	M001	General Information Mechanical
	M101	First Floor Plan Mechanical Ductwork
	M102	Roof Plan Mechanical
	M201	First Floor Plan - Mechanical Piping
	M501	Details - Mechanical
	M601	Schedules - Mechanical
	M801	Sequences of Operation - Mechanical
09 - Electrical	E001	General Information Electrical
	E002	Site Plan - Electrical
	E101	First Floor Ceiling Plan - Lighting
	E201	First Floor Plan Power
	E202	Roof Plan Power
	E301	Details - Electrical
	E401	Schedules - Electrical
	E602	Schedules - Electrical
	E603	Schedules - Electrical
	E701	Diagrams Electrical
10 - Technology	T001	General Information Technology
	T101	First Floor Plan Technology
	T401	Enlarged Floor Plan Technology
	T501	Details Technology

General Notes

- Schedules:
 - Partition Type Schedule see drawing A020.
 - Exterior and Interior Window and Louver Schedule see drawing A600.
 - Door and Frame Schedule see drawing A610.
- All dimensions shall be verified at the job by the General Contractor and each Sub-Contractor and the Architect must be notified of any discrepancies before proceeding with the work.
- All dimensions are to the face of finish, face of concrete, face of masonry, to centerlines of columns and other grid points, and to centerlines of doors and other scheduled openings unless otherwise noted.
- All door locations not dimensioned are located by details * /A800 and * /A800 respectively for framed and masonry walls.
- Access door locations are noted on the drawings. Actual size, location, and quantity may vary upon field conditions. Verify and coordinate locations and quantity required with the appropriate contractor(s).
- Offset studs and/or shim as required to align finish material.
- All housekeeping pads and curbs shall be furnished and installed by the general (lead) contractor. Verify with appropriate contractor(s) for required size and location.
- All floor drain (F.D.) elevations are 1/2" lower than finished floor elevation unless otherwise noted.
- All vertical elevations and working points are given with reference to level one finish floor elevation 100'-0" datum.
- The drawings are the graphic portion of the contract documents showing the design, location, and dimensions of the work. Do not scale the drawings to determine a dimension in question, consult the architect for clarification.
- Contractor(s) are to investigate and verify location, condition, and capacity of all existing utilities within the limits of work prior to beginning construction. See site utility, mechanical and electrical drawings for further information.
- The structure is designed to be self-supporting and stable after the building is fully completed. It is solely the contractor(s) responsibility to determine erection procedures and sequences and to ensure the safety of the building and its component parts during erection, including the addition of shoring, sheathing, temporary enclosure, etc. It is the contractor(s) sole responsibility to follow all applicable safety and construction regulations, ordinances and codes during the course of construction.

Consultants:

Civil Engineer: Moody Engineering
Landscape Architect: MKSK
Structural Engineer: SMDH
MEP Engineer: Advanced Engineering Consultants

45 Larkin St., Columbus OH 43215
1185 Dublin Rd., Columbus OH 43215

1405 Dublin Rd., Columbus OH 43215

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Index and Symbols

General
G001

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22150

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CODE DATA - 2017 OHIO BUILDING CODE

PROJECT SUMMARY:

THE PROJECT IS A NEW CONSTRUCTION OF A SINGLE STORY LIBRARY

APPLICABLE CODES:

ZONING: City of Columbus - Title 33
Base Zoning: Z71-020 05/26/1971 C4, H-35 - COMMERCIAL
1239 10/05/1964 C4, H-35 - COMMERCIAL
Parcel ID's: 010-113366-00

FLOOD ZONE: Flood Zone X - F.E.M.A. Map Number 39049C0307K - (June 17, 2008)
FIRE CODE: OAC 1301:7 (1-7) 2017 - Ohio Fire Code (2015 IFC with Ohio amendments)
FOOD SAFETY: OAC 3717-1 Ohio Uniform Food Safety Code (No effective date given)
BUILDING CODE: OAC 4101:1 (1-35) 2017 - Ohio Building Code (2015 IBC with Ohio amendments)
ACCESSIBILITY: OAC 4101:1 (11) 2017 - OBC Chapter 11 and ICC A117.1
ENERGY CODE: OAC 4101:1 (13) 2012 - IECC and ASHRAE 90.1-2010 (with Ohio amendments)
ELECTRICAL CODE: OAC 4101:1 (27) 2017 - OBC Chapter 27 and National Electrical Code NFPA 70-17
MECHANICAL CODE: OAC 4101:2 (1-15) 2017 - Ohio Mechanical Code (2015 IMC with Ohio amendments)
PLUMBING CODE: OAC 4101:3 (1-15) 2017 - Ohio Plumbing Code (2015 IPC with Ohio amendments)
ELEVATOR CODE: OAC 4101:1 (30) 2017 - OBC Chapter 30
OAC 4101:5 (1,3) 2016 - ASME A17.1

Additional Referenced Standards frequently requested are as follows:
NFPA 13 - Standard for the Installation of Sprinkler Systems (2016 edition)
NFPA 14 - Installation of Standpipe and Hose System (2016 edition)
NFPA 72 - National Fire Alarm and Signaling Code (2016 edition)

USE AND OCCUPANCY CLASSIFICATION:
OBC 303.4 A-3, ASSEMBLY (LIBRARY AND MEETING ROOMS)
342 Occupants

GENERAL BUILDING HEIGHTS AND AREAS:
OBC TABLE 504.3 ALLOWABLE HEIGHT:
TYPE II-B CONSTRUCTION
3 STORIES ALLOWABLE AND 75' HEIGHT
1 STORIES ACTUAL AND 18' HEIGHT ACTUAL
OBC TABLE 506.2 BUILDING AREA:
TYPE II-B CONSTRUCTION
38,000 SF FLOOR ALLOWABLE WITH S1 903.3.1.1 SPRINKLER
10,300 SF FLOOR ACTUAL

TYPE OF CONSTRUCTION:
OBC TABLE 601:
TYPE II-B CONSTRUCTION
STRUCTURAL FRAME: 0-HOURS
BEARING WALLS, EXTERIOR: 0-HOURS
BEARING WALLS, INTERIOR: 0-HOURS
NON-BEARING WALLS AND PARTITIONS: 0-HOUR
FLOOR CONSTRUCTION: 0-HOURS
ROOF CONSTRUCTION: 0-HOURS

FIRE PROTECTION SYSTEMS:
OBC 903.3.1.1: NFPA 13 SPRINKLER SYSTEM INSTALLED THROUGHOUT
OBC 907.2: NFPA 72 MANUAL AND AUTOMATIC FIRE ALARM SYSTEM
OBC 905.3.2: NO STANDPIPE REQUIRED

MEANS OF EGRESS:
OBC 1004.1: DESIGN OCCUPANT LOAD: 291 OCCUPANTS
OBC TABLE 1006.2.1: COMMON PATH OF EGRESS TRAVEL: A = 75 FT MAX ALLOWABLE
COMMON PATH OF EGRESS TRAVEL: B = 75 FT MAX ALLOWABLE
OBC TABLE 1017.2: EXIT ACCESS TRAVEL DISTANCE: 250 FT MAX ALLOWABLE

ACCESSIBILITY:
OBC TABLE 1106.1: TOTAL PARKING SPACES PROVIDED
REQUIRED ACCESSIBLE PARKING SPACES (2 VAN)
PROVIDED ACCESSIBLE PARKING SPACES INCLUDED (2 VAN)

PLUMBING FOR BASEMENT & FIRST FLOORS:
OBC TABLE 2902.1 / OBC 403: REQUIRED MINIMUM PLUMBING FACILITIES

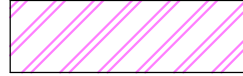
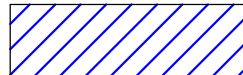

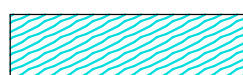
WATER CLOSETS:
REQUIRED: 1 PER 125 MALE / 1 PER 65 FEMALE = 2 / 4
PROVIDED: 2 WC AND 1 URINAL MALE / 3 FEMALE / 2 SINGLE USER

LAVATORIES:
REQUIRED: 1 PER 200 = 2
PROVIDED: 7

DRINKING FOUNTAINS:
REQUIRED: 1 PER 500 OCCUPANTS = 2
PROVIDED: 2

OTHER REQUIRED:
SERVICE SINK - 1 REQUIRED / 1 PROVIDED
ACCESSIBLE FAMILY RESTROOM (OBC 1109.2.1) - 1 REQUIRED / 1 PROVIDED

CODE DATA - SYMBOL LEGEND

-  FUNCTION: Assembly & Education
7 / 5 / 15 net sf per occupant
20 net sf per occupant
-  FUNCTION: Business
150 gross sf per occupant
Actual Occupant Load (> 1 occupant per 50 sf)
-  FUNCTION: Accessory/Equipment
300 gross sf per occupant
-  FUNCTION: Library
50 net sf per occupant

