I. PROJECT LOCATION
COLUMBUS METROPOLITAN LIBRARY
CANAL WINCHESTER BRANCH
GROVEPORT ROAD
CANAL WINCHESTER, OHIO 43110

II. DESCRIPTION & USER GROUP CLASSIFICATION OF BUILDING
A. NATURE OF PROJECT:
NEW CONSTRUCTION

B. USE GROUP:
A-3, ASSEMBLY

C. OCCUPANT LOAD:
583 OCCUPANTS

D. CONSTRUCTION TYPE:
II-B

E. BUILDING DIMENSIONS:
229’ x 139’

F. PROJECT AREA:
29,987 GSF

G. FIRE PROTECTION:
FULLY SPRINKLERED

H. PRINCIPLE HEATING FUEL:
X

I. SEWAGE DISPOSAL:
X

J. WATER SUPPLY:
X

K. TYPE OF MECHANICAL:
X

IN ALL CASES, IF THERE IS A DISCREPANCY BETWEEN CODE REQUIREMENTS, BETWEEN ANY REFERENCED CODES, THE MORE STRINGENT CODE ALWAYS APPLIES.

2017 OHIO BUILDING CODE (OBC)
2017 OHIO MECHANICAL CODE (OMC)
2017 OHIO PLUMBING CODE (OPC)
2010 ASHRAE 90.1
2012 LIFE SAFETY CODE, NFPA 101
2010 ADA STANDARDS FOR ACCESSIBLE DESIGN
ICC A117.1
-09 ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES

AUTHORITY HAVING JURISDICTION
CITY OF CANAL WINCHESTER

FIRE RESISTANCE
OBC SECTION
PRIMARY STRUCTURAL FRAME:
0-HR
TABLE 601
BEARING WALLS, EXTERIOR:
0-HR
TABLE 601
BEARING WALLS, INTERIOR:
0-HR
TABLE 601
FLOOR CONSTRUCTION:
0-HR
TABLE 601
ROOF CONSTRUCTION:
0-HR
TABLE 601
EXIT ACCESS CORRIDORS:
0-HR
TABLE 1020.1
MINIMUM ROOF COVERING:
CLASS C
TABLE 1505.1

EGRESS REQUIREMENTS
OBC SECTION
TRAVEL DISTANCE LIMITATIONS:
250 FT
TABLE 1017.2
COMMON PATH OF TRAVEL MAX:
75 FT
TABLE 1006.2.1
DEAD END CORRIDOR:
20 FT
1020.4
NUMBER OF EXITS REQUIRED:
2 MIN.
TABLE 1006.3.1
EGRESS WIDTH:
CORRIDORS:
44” MIN.
1005.1/1020.2

Bostwick Design Partnership
Cleveland, OH | Erie, PA | Miami, FL | Pittsburgh, PA
www.bostwickdesign.com

WELLOGY
COLLABORATING ARCHITECT
KABIL ASSOCIATES
STRUCTURAL ENGINEER
ADVANCED ENGINEERING CONSULTANTS
MEP ENGINEER
MOODY ENGINEERING
CIVIL ENGINEER
EDGE LANDSCAPE ARCHITECTURE
LANDSCAPE ARCHITECT

INTERIM DD
27 OCT 2023
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B. SCOPE REFERENCE DRAWINGS ARE PROVIDED FOR GENERAL REFERENCE TO COORDINATE BASIC SCOPES OF ARCHITECTURAL MILLWORK, EQUIPMENT, FURNITURE, AND SHELVING.

C. CM TO PROVIDE ARCHITECTURAL MILLWORK, REFER TO 'A' SERIES.

D. OWNER TO PROVIDE EQUIPMENT, FURNITURE, AND SHELVING (SHOWN FOR REFERENCE ONLY).

ARCHITECTURAL MILLWORK
SHELVING - BY OWNER
FURNITURE - BY OWNER
EQUIPMENT - BY OWNER

LOCKERS (20)
CHECK OUT STATIONS
COMM. BOARD
F.O.L. DISPLAY
1,174.4 SF
LARGE MTG 1,068.1 SF
SEATING / PERIODICALS 1,105.8 SF
MULTIPURPOSE 138 SF
CONF STOR 274.1 SF
MEN 71.7 SF
JAN 63.3 SF
TLT 68.1 SF
STUDY 93.7 SF
STUDY 509.9 SF
QUIET READING 320 SF
STORAGE 960.3 SF
TWEEN 68.1 SF
STUDY 102.4 SF
STUDY 75.8 SF
STUDY 75.8 SF
STUDY 75.8 SF
STUDY 81.9 SF
PRIVACY 3,862.6 SF
CHILDREN 100.6 SF
TEEN STOR 108.1 SF
CORR 274.6 SF
MAIN CIRC 136.4 SF
BOOK DROP 66.4 SF
TLT 66.4 SF
292 SF
WOMEN 125.4 SF
TLT 408.4 SF
MECH / ELEC 174.8 SF
WATER 2414.509
BOOK CART 2423.509
STORAGE 763.509
FISH TANK 1532.509
PUBLIC PC / BUSINESS CENTER AREA 166.3 SF
IT 1,619.6 SF
TEEN BOOK RETURN 88.5 SF
STUDY 744.9 SF
MEETING RM 789.5 SF
MEETING RM 219.2 SF
VESTIBULE 133 SF
OFFICE 114 SF
CONF 89 SF
PRIVACY 365.7 SF
STAFF SPACE 45 SF
BOOK DROP 102.7 SF
DELIVERY 2000 SF
LOCKERS (20) 1799 SF
STAFF COATS 2360 SF
BIKE STORAGE 2372 SF

www.bostwickdesign.com
**General Notes**

- Factory Mutual #W1B - 1 HR.
- Two-hour rated partition

**Detail**

- Joint width: ≤ 1"
- Compression: 25%

**Notes**

- Occur control joints shall extend vertically flush with door frame (steel lintels shall be continuous).

**Typical Details**

- 3" = 1'-0"

**Partition and Wall Details**

- Typical assembly for horizontal applications
- Typical assembly for vertical applications

**Typical Mounting Heights**

- Height of base A.F.F.
- Maximum spacing of control joints in gypsum board assemblies

**Building Information**

- Location: Canal Winchester Branch
- Project: CML Canal Winchester Branch
- Sheet No.: A002
- Date: May 12, 2023
**PARTITION TYPES**

1A PARTITION TYPE 1A

1 1/2" = 1'-0"

U465  NONBEARING CONSTRUCTION

ONE (1) HOUR FIRE

5/8" GYPSUM BOARD

SOUND BATT

INSULATION

09 22 16.H

09 29 00.B

6" STUDS

- RATED

1'-4" O.C. MAX.

PLAN

7 1/4"

6 5/8"

3D PARTITION TYPE 3D

1 1/2" = 1'-0"

5/8" GYPSUM BOARD

SOUND BATT

INSULATION

09 29 00.B

09 29 00.B

09 29 00.B

6" STUDS

- RATED

1'-4" O.C. MAX.

PLAN

7 1/4"

6 5/8"

3B PARTITION TYPE 3B

1 1/2" = 1'-0"

5/8" GYPSUM BOARD

SOUND BATT

INSULATION

09 29 00.B

09 29 00.B

09 29 00.B

3 5/8" STUDS

- MAY OCCUR

PLAN

4 1/4"

4 7/8"

1A PARTITION TYPE 1A

1 1/2" = 1'-0"

5/8" GYPSUM BOARD

SOUND BATT

INSULATION

09 30 00.C2

09 22 16.G

09 29 00.B

09 30 00.A

09 30 00.A

09 30 00.A

09 30 00.A

3 5/8" STUDS

- MAY OCCUR

PLAN

4 1/4"

4 7/8"

1E PARTITION TYPE 1E

1 1/2" = 1'-0"

5/8" GYPSUM BOARD

SOUND BATT

INSULATION

09 22 16.H

09 29 00.B

09 29 00.B

09 29 00.B

6" STUDS

- RATED

1'-4" O.C. MAX.

PLAN

7 1/4"

6 5/8"

3C PARTITION TYPE 3C

1 1/2" = 1'-0"

5/8" GYPSUM BOARD

SOUND BATT

INSULATION

09 29 00.B

09 29 00.B

09 29 00.B

3 5/8" STUDS

- MAY OCCUR

PLAN

4 1/4"

4 7/8"

1C PARTITION TYPE 1C

1 1/2" = 1'-0"

5/8" GYPSUM BOARD

SOUND BATT

INSULATION

09 22 16.H

09 29 00.B

09 29 00.B

09 29 00.B

09 29 00.B

09 30 00.C2

09 22 16.G

09 29 00.B

09 29 00.B

09 29 00.B

09 29 00.B

09 29 00.B

3 5/8" STUDS

- MAY OCCUR

PLAN

4 1/4"

4 7/8"
<table>
<thead>
<tr>
<th>NUMBER</th>
<th>FROM ROOM</th>
<th>TO ROOM</th>
<th>WIDTH</th>
<th>HEIGHT</th>
<th>RATING</th>
<th>TYPE</th>
<th>MATERIAL</th>
<th>FINISH</th>
<th>HINGES</th>
<th>NOTES</th>
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<tr>
<td>172.1</td>
<td>STAFF SPACE</td>
<td>BOOK DROP</td>
<td>3'-0&quot;</td>
<td>7'-0&quot;</td>
<td>45 MIN</td>
<td>F MB</td>
<td>ALUM</td>
<td>SRG</td>
<td>SH</td>
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<tr>
<td>167.1</td>
<td>STAFF SPACE</td>
<td>OFFICE</td>
<td>3'-0&quot;</td>
<td>6'-5 3/4&quot;</td>
<td>GI ALUM</td>
<td>FF</td>
<td>2 ALUM</td>
<td>FF</td>
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<td>169.1</td>
<td>CORR PRIVACY</td>
<td>3'-0&quot;</td>
<td>7'-0&quot;</td>
<td>F WD FF</td>
<td>1 HM PNT</td>
<td>F MB</td>
<td>ML</td>
<td>SUR</td>
<td>WLST</td>
<td>SRG</td>
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<td>168.1</td>
<td>CONF STAFF SPACE</td>
<td>3'-0&quot;</td>
<td>6'-5 3/4&quot;</td>
<td>GI ALUM</td>
<td>FF</td>
<td>2 ALUM</td>
<td>FF</td>
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<td>160.2</td>
<td>ADULT CORR</td>
<td>3'-6&quot;</td>
<td>7'-0&quot;</td>
<td>F WD FF</td>
<td>1 HM PNT</td>
<td>F MB</td>
<td>EMECH</td>
<td>--</td>
<td>SUR</td>
<td>OVH</td>
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<td>151.1</td>
<td>TLT CORR</td>
<td>3'-0&quot;</td>
<td>7'-0&quot;</td>
<td>F WD FF</td>
<td>1 HM PNT</td>
<td>CONT</td>
<td>EMECH</td>
<td>--</td>
<td>SUR</td>
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<td>143.1</td>
<td>LARGE MTG CONF STOR</td>
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<td>7'-0&quot;</td>
<td>F WD FF</td>
<td>3 HM PNT</td>
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<td>142.2</td>
<td>ADULT LARGE MTG</td>
<td>10'-0&quot;</td>
<td>10'-0&quot;</td>
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<td>141.2</td>
<td>ADULT MEETING RM</td>
<td>8'-0&quot;</td>
<td>10'-0&quot;</td>
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<td>ALUM</td>
<td>FF</td>
<td>--</td>
<td>ML</td>
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<td>ADULT MEETING RM</td>
<td>8'-0&quot;</td>
<td>10'-0&quot;</td>
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<td>ALUM</td>
<td>FF</td>
<td>--</td>
<td>ML</td>
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<td>135.1</td>
<td>STUDY ADULT</td>
<td>3'-0&quot;</td>
<td>8'-0&quot;</td>
<td>GI ALUM</td>
<td>FF</td>
<td>2 ALUM</td>
<td>FF</td>
<td>--</td>
<td>--</td>
<td>SRG</td>
</tr>
<tr>
<td>134.1</td>
<td>ADULT STUDY</td>
<td>3'-0&quot;</td>
<td>8'-0&quot;</td>
<td>GI ALUM</td>
<td>FF</td>
<td>2 ALUM</td>
<td>FF</td>
<td>--</td>
<td>--</td>
<td>SRG</td>
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<tr>
<td>131.1</td>
<td>CHILDREN STORAGE</td>
<td>3'-0&quot;</td>
<td>7'-0&quot;</td>
<td>F WD FF</td>
<td>3 HM PNT</td>
<td>--</td>
<td>EMECH</td>
<td>--</td>
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<tr>
<td>130.1</td>
<td>CHILDREN</td>
<td>3'-11 1/2&quot;</td>
<td>8'-11 1/4&quot;</td>
<td>ALUM</td>
<td>FF</td>
<td>2 ALUM</td>
<td>FF</td>
<td>CONT</td>
<td>ML</td>
<td>EXD</td>
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<tr>
<td>121.1</td>
<td>MULTIPURPOSE STOR</td>
<td>3'-0&quot;</td>
<td>7'-0&quot;</td>
<td>F WD FF</td>
<td>1 HM PNT</td>
<td>CONT</td>
<td>EMECH</td>
<td>--</td>
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<td>WLST</td>
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<tr>
<td>120.2</td>
<td>MULTIPURPOSE SEATING / PERIODICALS</td>
<td>6'-0&quot;</td>
<td>8'-0&quot;</td>
<td>GIP</td>
<td>ALUM</td>
<td>FF</td>
<td>2 ALUM</td>
<td>FF</td>
<td>CONT</td>
<td>ML</td>
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<tr>
<td>117.1</td>
<td>SEATING / PERIODICALS</td>
<td>3'-11 1/2&quot;</td>
<td>7'-11 1/4&quot;</td>
<td>GE ALUM</td>
<td>FF</td>
<td>2 ALUM</td>
<td>FF</td>
<td>CONT</td>
<td>EMECH</td>
<td>EXD</td>
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<tr>
<td>115.1</td>
<td>STUDY ADULT</td>
<td>3'-0&quot;</td>
<td>8'-0&quot;</td>
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<td>2 ALUM</td>
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<td>114.1</td>
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<td>2 ALUM</td>
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<tr>
<td>113.1</td>
<td>STUDY ADULT</td>
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<td>2 ALUM</td>
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<td>111.1</td>
<td>TEEN TEEN STOR</td>
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<td>F WD FF</td>
<td>3 HM PNT</td>
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<td>EMECH</td>
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<td>110.1</td>
<td>SEATING / PERIODICALS TEEN</td>
<td>3'-11 5/8&quot;</td>
<td>7'-10 1/2&quot;</td>
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<td>FF</td>
<td>2 ALUM</td>
<td>FF</td>
<td>CONT</td>
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<td>EXD</td>
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<tr>
<td>105.1</td>
<td>ADULT</td>
<td>3'-11 1/2&quot;</td>
<td>7'-11 1/4&quot;</td>
<td>GE ALUM</td>
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<td>791x2047</td>
<td>OPENING DOOR FRAME HARDWARE</td>
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<tr>
<td>1293x2075</td>
<td>DOOR &amp; FRAMED OPENING SCHEDULE</td>
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<tr>
<td>1566x2000</td>
<td>LATCHES</td>
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See Schedule
A. ALL PARTITION TYPE '1A' UNLESS NOTED OTHERWISE.

B. SEE SHEET A003 FOR PARTITION TYPES.

C. SEE A030 FOR EQUIPMENT AND OWNER SUPPLIED ITEMS.

D. ALL EXPOSED STEEL TO BE PAINTED.