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

PREPARED FOR:
COLUMBUS METROPOLITAN LIBRARY
MR. PATRICK LOSINSKI, CHIEF EXECUTIVE OFFICER

FIRE PROTECTION, MECHANICAL, ELECTRICAL, PLUMBING, TECHNOLOGY:
AEC ADVANCED ENGINEERING CONSULTANTS
1405 DUBLIN ROAD
COLUMBUS, OHIO 43215
PHONE: (614) 466-4778

ARCHITECT:

LANDSCAPE:
EDGE
330 W SPRING STREET SUITE 350
COLUMBUS, OHIO 43215
PHONE: (614) 466-3343

CIVIL:

GENERAL CONTRACTOR:

75% CONSTRUCTION DOCUMENTS OCTOBER 25, 2023
### General Notes - Wall Type

- **Type CM - Masonry Chase Wall Types**
  - Wall Type CM: Masonry Chase Wall Types
  - Refer to Schedule
  - Fire Rated Sealant Both Sides
  - Steel Deflection Track

- **Type CS - Stud Chase Wall Types**
  - Wall Type CS: Stud Chase Wall Types
  - Refer to Schedule
  - Fire Rated Sealant Both Sides
  - Steel Deflection Track

### Wall Type Schedule

<table>
<thead>
<tr>
<th>Type</th>
<th>Stud Width</th>
<th>Gypsum BD - 1 Side</th>
<th>Gypsum BD - 2 Sides</th>
<th>&quot;Type X&quot; Gypsum BD</th>
<th>Fire Rating</th>
<th>UL #</th>
<th>STC Rating</th>
<th>Sound Insulation</th>
<th>CODED Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1'-7 1/2&quot;</td>
<td>Yes</td>
<td>No</td>
<td>No</td>
<td>0HR</td>
<td>Yes</td>
<td>10</td>
<td>3 5/8&quot; Metal Studs &amp; 7/8&quot; Metal Furring @ 3K 4 1/4&quot; 3 5/8&quot; Yes No No 0HR No 02 05</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>1'-0&quot;</td>
<td>No</td>
<td>Yes</td>
<td>No</td>
<td>0HR</td>
<td>Yes</td>
<td>04</td>
<td>3D 4 7/8&quot; 3 5/8&quot; No Yes No 0HR 40 No 04</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>1'-0&quot;</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
<td>0HR</td>
<td>Yes</td>
<td>47</td>
<td>3C 4 7/8&quot; 3 5/8&quot; No Yes No 0HR No 05</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>1'-0&quot;</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
<td>0HR</td>
<td>Yes</td>
<td>48+</td>
<td>8R 1'-1 3/8&quot; No Yes No 0HR No 10 3 5/8&quot; Metal Studs &amp; 7/8&quot; Metal Furring @ 3K 4 1/4&quot; 3 5/8&quot; Yes No No 0HR No 05</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>1'-0&quot;</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
<td>0HR</td>
<td>Yes</td>
<td>02,05</td>
<td>3K 4 1/4&quot; 3 5/8&quot; Yes No No 0HR No 02,05</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>1'-0&quot;</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
<td>0HR</td>
<td>Yes</td>
<td>05</td>
<td>3F 4 7/8&quot; 3 5/8&quot; Yes No No 0HR No 05</td>
<td></td>
</tr>
</tbody>
</table>

### Footnotes

- **Type 1 - 1 5/8" Metal Stud Wall Types**
  - Width - Refer to Schedule
  - Fire Rated Sealant Both Sides

- **Type 2 - 2 1/2" Metal Stud Wall Types**
  - Width - Refer to Schedule
  - Fire Rated Sealant Both Sides

- **Type 3 - 3 5/8" Metal Stud Wall Types**
  - Refer to Schedule
  - Fire Rated Sealant Both Sides

- **Type 4 - 4" Metal Stud Wall Types**
  - Refer to Schedule
  - Fire Rated Sealant Both Sides

- **Type 5 - 5" Metal Stud Wall Types**
  - Refer to Schedule
  - Fire Rated Sealant Both Sides

- **Type 6 - 6" Concrete Masonry Walls**
  - Refer to Schedule
  - Fire Rated Sealant Both Sides

- **Type 7 - 6" Concrete Masonry Walls**
  - Refer to Schedule
  - Fire Rated Sealant Both Sides

- **Type 8 - 8" Concrete Masonry Walls**
  - Refer to Schedule
  - Fire Rated Sealant Both Sides

- **Type 9 - 10" Concrete Masonry Walls**
  - Refer to Schedule
  - Fire Rated Sealant Both Sides

- **Type 10 - 12" Concrete Masonry Walls**
  - Refer to Schedule
  - Fire Rated Sealant Both Sides

### Drawings and Plans

- **Construction Progress Drawing**
  - Columbus, OH 43211
  - Suite 300
  - 300 Spruce Street
  - Fax: (614) 280-8881
  - Stop Gypsum BD and Studs 6" AFC. Brace Partition to Deck/Structure Above Full Height Partition. Terminate Gypsum BD and Studs at Top of Partition.
  - Stop Concrete Masonry Units and Studs 10" Concrete Masonry Units. Brace Partition to Deck/Structure Above. Per Metal Stud Manufacturer Design Loading Criteria.
  - Stop Gypsum BD. And Studs 6" AFC. Brace Partition to Deck/Structure Above Full Height Partition. Terminate Gypsum BD. And Studs at Top of Partition.
  - Stop Masonry Chase Wall Types Above Finish Ceiling. Brace Wall to Structure Per Structural Drawings.
  - Stop Masonry Chase Wall Types Above Finish Ceiling. Brace Wall to Structure Per Structural Drawings.
  - Stop Masonry Chase Wall Types Above Finish Ceiling. Brace Wall to Structure Per Structural Drawings.
  - Stop Masonry Chase Wall Types Above Finish Ceiling. Brace Wall to Structure Per Structural Drawings.
  - Stop Masonry Chase Wall Types Above Finish Ceiling. Brace Wall to Structure Per Structural Drawings.
1. Floor and Ceiling Runners — (Not Shown) — Channel shaped runners, 3-5/8 in. deep (min), 1-1/4 in. legs, formed from min No. 25 MSG galv steel spaced 24 in. OC max. Studs to be cut 3/4 in. wide by 3-5/8 in. deep fabricated from min 0.018 in. thick galv steel, attached to floor and ceiling with fasteners spaced 24 in. OC max.

2. Steel Studs — Channel shaped, 3-5/8 in. deep (min), formed from min No. 25 MSG galv steel spaced 24 in. OC max. Studs to be cut 3/4 in. wide by 3-5/8 in. deep fabricated from min 0.018 in. thick galv steel, attached to floor and ceiling with fasteners spaced 24 in. OC max.

3A. Fiber, Sprayed* — As an alternate to Batts and Blankets (Item 3) — (100% Borate Formulation) — Spray applied cellulose material. The use with Type USGX)

3B. Gypsum Board* — (As alternate to Item 3) — Nom 5/8 in. thick gypsum panels with beveled, square or tapered edges, applied vertically and horizontal applications. When used in widths other than 48 in., gypsum panels to be installed horizontally.

3C. Gypsum Board* — 3/4 in. thick, 4 ft wide, attached to steel studs and floor and ceiling track as described in Item 4 with screw length 1-5/8 in. wafer or hex head Type S steel screw through the center grommet. Furring channels are friction fitted into clips. RSIC-1 clip for attachment to steel studs, spaced 48 in. OC, and secured to studs with one No. 10 x 2-1/2 in. coarse drywall screw through the center hole. Resilient channels are secured to clips with one No. 10 x 1/2 in. pan-head Type S-12 pan head steel screw through the center hole. Clips spaced 48 in. OC., and secured to studs with double strand of No. 18 SW Galv steel wire near each end of overlap. As an alternate, ends of adjoining channels may be overlapped 6 in. and secured in place with two No. 8 x 1 1/2 in. Philips Modified Truss Screws through the center grommet.

4A. Gypsum Board* — (As alternate to Item 4) — Nom 5/8 in. thick gypsum panels with beveled, square or tapered edges, applied vertically and horizontal applications. When used in widths other than 48 in., gypsum panels to be installed horizontally.

4B. Gypsum Board* — 3/4 in. thick, 4 ft wide, attached to steel studs and floor and ceiling track as described in Item 4 with screw length 1-5/8 in. wafer or hex head Type S steel screw through the center grommet. Furring channels are friction fitted into clips. RSIC-1 clip for attachment to steel studs, spaced 48 in. OC, and secured to studs with one No. 10 x 2-1/2 in. coarse drywall screw through the center hole. Resilient channels are secured to clips with one No. 10 x 1/2 in. pan-head Type S-12 pan head steel screw through the center hole. Clips spaced 48 in. OC., and secured to studs with double strand of No. 18 SW Galv steel wire near each end of overlap. As an alternate, ends of adjoining channels may be overlapped 6 in. and secured in place with two No. 8 x 1 1/2 in. Philips Modified Truss Screws through the center grommet.

5A. Building Units — As an alternate to Items 5, min. 1-in thick polyisocyanurate composite foamed plastic insulation boards, nom. 48 by 48 in. or cUL Certification (such as Canada), respectively.

6A. Steel Framing Members* — Used to attach furring channels (Item 6a) to studs (Item 2). Clips spaced 48 in. OC., and secured to studs with double strand of No. 18 SW Galv steel wire near each end of overlap. As an alternate, ends of adjoining channels may be overlapped 6 in. and secured in place with two No. 8 x 1 1/2 in. Philips Modified Truss Screws through the center grommet.

6B. Steel Framing Members* — Used to attach resilient channels (Item 6Ea) to studs. Clips spaced 48 in. OC., and secured to studs with double strand of No. 18 SW Galv steel wire near each end of overlap. As an alternate, ends of adjoining channels may be overlapped 6 in. and secured in place with two No. 8 x 1 1/2 in. Philips Modified Truss Screws through the center grommet.

7A. Fiberglass — As an alternate to Rockwool (Item 7), 3/4 in. thick fiberglass blanket with 1-1/4 in. legs, min. 3-5/8 in. wide, attached vertically and horizontally. The use with Type USGX)

7B. Fiberglass — As an alternate to Rockwool (Item 7), 3/4 in. thick fiberglass blanket with 1-1/4 in. legs, min. 3-5/8 in. wide, attached vertically and horizontally. The use with Type USGX)

8A. Gypsum Board* — (As alternate to Item 8) — Nom 5/8 in. thick gypsum panels with beveled, square or tapered edges, applied vertically and horizontal applications. When used in widths other than 48 in., gypsum panels to be installed horizontally.

8B. Gypsum Board* — 3/4 in. thick, 4 ft wide, attached to steel studs and floor and ceiling track as described in Item 4 with screw length 1-5/8 in. wafer or hex head Type S steel screw through the center grommet. Furring channels are friction fitted into clips. RSIC-1 clip for attachment to steel studs, spaced 48 in. OC, and secured to studs with one No. 10 x 2-1/2 in. coarse drywall screw through the center hole. Resilient channels are secured to clips with one No. 10 x 1/2 in. pan-head Type S-12 pan head steel screw through the center hole. Clips spaced 48 in. OC., and secured to studs with double strand of No. 18 SW Galv steel wire near each end of overlap. As an alternate, ends of adjoining channels may be overlapped 6 in. and secured in place with two No. 8 x 1 1/2 in. Philips Modified Truss Screws through the center grommet.

9A. Wallboard* — As an alternate to Gypsum Board (Item 9) — Min 1 in. thick gypsum board backed with metal lath and joint compound. Joints located anywhere over stud cavities. Secured to mineral and fiber boards with 1-1/2 in. Type G Screws spaced 8 in. OC along edges vertically. Vertical joints centered over studs and staggered min 1 stud cavity on opposite sides of studs. Gypsum board secured to studs horizontally. Horizontal edge joints and horizontal butt joints on opposite sides of studs need not be staggered or backed by steel framing.

9B. Wallboard* — As an alternate to Gypsum Board (Item 9) — Min 1 in. thick gypsum board backed with metal lath and joint compound. Joints located anywhere over stud cavities. Secured to mineral and fiber boards with 1-1/2 in. Type G Screws spaced 8 in. OC along edges vertically. Vertical joints centered over studs and staggered min 1 stud cavity on opposite sides of studs. Gypsum board secured to studs horizontally. Horizontal edge joints and horizontal butt joints on opposite sides of studs need not be staggered or backed by steel framing.

10A. Lead Lath — As an alternate to Metal Lath (Item 10) — Min 1/8 in. thick lead sheet, min 1-3/4 in. wide by min 3-5/8 in. deep. Lead sheet to be attached to gypsum board with clips as described in Item 9B. Ends of adjoining channels may be overlapped 6 in. and secured in place with two No. 8 x 1 1/2 in. Philips Modified Truss Screws through the center grommet.

10B. Lead Lath — As an alternate to Metal Lath (Item 10) — Min 1/8 in. thick lead sheet, min 1-3/4 in. wide by min 3-5/8 in. deep. Lead sheet to be attached to gypsum board with clips as described in Item 9B. Ends of adjoining channels may be overlapped 6 in. and secured in place with two No. 8 x 1 1/2 in. Philips Modified Truss Screws through the center grommet.

11A. Metal Lath — As an alternate to Lead Lath (Item 11) — Min 1/8 in. thick galv steel sheet, min 1-3/4 in. wide by min 3-5/8 in. deep. Metal sheet to be attached to gypsum board with clips as described in Item 9B. Ends of adjoining channels may be overlapped 6 in. and secured in place with two No. 8 x 1 1/2 in. Philips Modified Truss Screws through the center grommet.
**General Building Heights and Areas Requirements**

**Allowable Area Increase**

- Total Floor Area: 28,500 SF
- Max. Floor Area Allowance: 7,125 SF
- Column A: 28,500
- Column B: 7,125

**EQ 5.4**

\[
E_a = \frac{A_a}{A_b} \\
E_a = \frac{28,500}{7,125} \\
E_a = 3.99 \\

\text{Total Increase:} 3.99 \times 75\% = 30\%
\]

**EQ 5.3**

\[
A_a = 28,500 + (7,125 \times 0.75) \\
A_a = 28,500 + 5,343.75 \\
A_a = 33,843.75 SF
\]

**Actual Floor Area, Second Floor**

- Jan/roof: 129 SF
- Ext. storage: 38 SF
- Quiet room: 586 SF
- Business center: 188 SF
- Meeting room: 483 SF
- Sports lounge: 273 SF
- Study room: 64 SF
- Unisex restrooms: 105 SF
- Carnivals: 1,592 SF
- Parents room: 82 SF
- Social room: 307 SF
- Administration: 779 SF
- Clean: 10 SF

**Construction Type**

- B, S-2

**Floor Areas**

- Area: 75% of 506.3.3
- IIB

**Electrical**

- Area: 75% of 506.3.3
- IIB

**Interior Wall and Ceiling**

- Area: 75% of 506.3.3
- IIB

**Fire Alarm/Annunciator Panel**

- Area: 75% of 506.3.3
- IIB

**Knox Box**

- Area: 793 SF
- IIB

**Means of Egress**

- Area: 75% of 506.3.3
- IIB

**Mezzanine**

- Area: 75% of 506.3.3
- IIB

**Storage**

- Area: 75% of 506.3.3
- IIB

**Staff Workspace**

- Area: 75% of 506.3.3
- IIB

**Study Room**

- Area: 75% of 506.3.3
- IIB

**Staff Lounge**

- Area: 75% of 506.3.3
- IIB

**Meeting Stor.**

- Area: 75% of 506.3.3
- IIB

**Meeting Room**

- Area: 75% of 506.3.3
- IIB

**Quiet Room**

- Area: 75% of 506.3.3
- IIB

**Moth. Room**

- Area: 75% of 506.3.3
- IIB

**Teen Area**

- Area: 75% of 506.3.3
- IIB

**Fire Extinguisher**

- Area: 75% of 506.3.3
- IIB

**Fire Protection of Openings**

- Area: 75% of 506.3.3
- IIB

**Fire Resistant-Rated Construction**

- Area: 75% of 506.3.3
- IIB

**Daycare Area**

- Area: 75% of 506.3.3
- IIB

**Libraries**

- Area: 75% of 506.3.3
- IIB

**Business Center**

- Area: 75% of 506.3.3
- IIB

**Public Area**

- Area: 75% of 506.3.3
- IIB

**Ammenity Deck**

- Area: 75% of 506.3.3
- IIB

**Type III m NFPA 13**

**EQ 5.4**

\[
W = \frac{225 \times 0.75 \times (86 \times 0.8) + (225 \times 0.75 \times (86 \times 0.8))}{696} \\
W = xx, No Greater Than 30
\]

**EQ 5.6**

\[
l = \frac{1}{75} \\
l = \frac{75}{200}
\]

**Minimum Common Path of Egress**

- Area: 75% of 506.3.3
- IIB

**Daycare Means of Egress**

- Area: 75% of 506.3.3
- IIB

**Fire Alarms**

- Area: 75% of 506.3.3
- IIB

**Accessory Occupancies**

- Area: 75% of 506.3.3
- IIB

**Exit Discharge**

- Area: 75% of 506.3.3
- IIB

**Emergency Egress Width**

- Area: 75% of 506.3.3
- IIB

**Inclined Stairway**

- Area: 75% of 506.3.3
- IIB

**Means of Egress Egress Width**

- Area: 75% of 506.3.3
- IIB

**MAX. FLOOR AREA ALLOWANCE**

- Area: 75% of 506.3.3
- IIB

**Stairway Width**

- Area: 75% of 506.3.3
- IIB

**NEC**

- Area: 75% of 506.3.3
- IIB

**UPC**

- Area: 75% of 506.3.3
- IIB

**NEC**

- Area: 75% of 506.3.3
- IIB

**STAIR**

- Area: 75% of 506.3.3
- IIB

**UPC**

- Area: 75% of 506.3.3
- IIB

**OCCUPANCY TAGS**

- Area: 75% of 506.3.3
- IIB

**OCCUPANCY GROUP**

- Area: 75% of 506.3.3
- IIB

**OCCUPANCY CLASSIFICATION**

- Area: 75% of 506.3.3
- IIB

**OCCUPANCY LOAD**

- Area: 75% of 506.3.3
- IIB

**WATER**

- Area: 75% of 506.3.3
- IIB

**URINALS**

- Area: 75% of 506.3.3
- IIB

**Use Group Area Type**

- Area: 75% of 506.3.3
- IIB

**Building Travel Distance**

- Area: 75% of 506.3.3
- IIB

**Document Control**

- Area: 75% of 506.3.3
- IIB

**Fire Equipment Legend**

- Area: 75% of 506.3.3
- IIB

**General Notes - Code Plan**

- Area: 75% of 506.3.3
- IIB

**Occupancy Tag**

- Area: 75% of 506.3.3
- IIB

**For Fixed Seating**

- Area: 75% of 506.3.3
- IIB

**For the Remainder Exceeding 80**

- Area: 75% of 506.3.3
- IIB

**For the First 80**

- Area: 75% of 506.3.3
- IIB

**For the Remainder Exceeding 80**

- Area: 75% of 506.3.3
- IIB
CML LINDEN BRANCH
COLUMBUS METROPOLITAN LIBRARY
2223 CLEVELAND AVENUE
COLUMBUS, OH 43211

PROGRESS SET FOR CONSTRUCTION
DEMOLITION PLAN

ME#21078
10/5/2023

C101
**CODED NOTES**

1. 7 EXISTING RAMP TO BUILDING. PRESERVE AND PROTECT DURING CONSTRUCTION.
2. LIMITS OF PEDESTRIAN CONCRETE PAVING OVER TOP OF 36" OF STRUCTURAL SOIL. ADD ALTERNATE - MODULAR SUSPENDED SOILS.
3. MAINTAIN EXISTING COGO BIKE RENTAL AMENITY. PRESERVE AND PROTECT DURING CONSTRUCTION.
4. MAINTAIN EXISTING LYFT SCOOTER RENTAL AMENITY. PRESERVE AND PROTECT DURING CONSTRUCTION.
5. RELOCATE SMRT COLUMBUS SIGNAGE. PRESERVE AND PROTECT DURING CONSTRUCTION.
6. DRAWINGS FOR ELECTRICAL. DURING CONSTRUCTION. REPAIR OR REPLACE AS NEEDED. SEE MEP.
7. REMAINING ODORE DEPALS TO BE PROTECTED DURING CONSTRUCTION.

**SITE MATERIALS & ELEMENTS**

- **LAWN SEEDED**: Per CML Standard
- **PARKING LOT SURFACING**: Per CML Standard
- **RETAINING WALL @ BUILDING FACE**: CIP CONCRETE PLANTER CURB W/ SKATE DETERRANTS
- **CIP CONCRETE PLANTER CURB W/O SKATE DETERRANTS**: CIP CONCRETE KNIFE EDGE RETAINING WALL - TYPE 2
- **REINFORT CONCRETE PAVING**: COATED AND OPEN POSITION.
- **GATE DOORS**: LOCKING GATE W/ ROLLER WHEEL TO SUPPORT WEIGHT - 6'-0" HGT.
- **REFUSE ENCLOSURE GATE**: DRAWN BY: CHECKED BY:
- **STAIR RAILINGS**: PER CML STANDARD
- **RAMP RAILINGS**: DRAWN BY: CHECKED BY:
- **REFUSE ENCLOSURE WALL**: DRAWN BY: CHECKED BY:
- **CONCRETE WALK OVER TOP STRUCTURAL SOIL**: DRAWN BY: CHECKED BY:
- **DETECTABLE WARNING PLATE**: DRAWN BY: CHECKED BY:
- **STEEL HEADER**: DRAWN BY: CHECKED BY:
- **CLOSED AND OPEN POSITION.**: DRAWN BY: CHECKED BY:
- **FLAGSTONE**: DRAWN BY: CHECKED BY:
- **SAND-BASED STRUCTURAL SOIL DEPTH 30" W/ 6" LIFTS**: DRAWN BY: CHECKED BY:
- **CONCRETE WALK OVER TOP STRUCTURAL SOIL**: DRAWN BY: CHECKED BY:
- **FLAGPOLE**: DRAWN BY: CHECKED BY:
- **STAINLESS STEEL BOLLARD**: DRAWN BY: CHECKED BY:
- **UNDERGROUND TYP.**: DRAWN BY: CHECKED BY:
- **SIZE: HEIGHT: 30" - 36", LENGTH/WIDTH: 36" - 60", BURIED 3"**: DRAWN BY: CHECKED BY:
- **NATURAL STONE BOULDER**: DRAWN BY: CHECKED BY:
- **LITTER & RECYCLING BINS**: DRAWN BY: CHECKED BY:
- **HARDWARE.**: DRAWN BY: CHECKED BY:
- **RECOMMENDATIONS TO ALLOW REPLACEMENT W/O SURFACE MOUNTED, INSTALL PER MANUFACTURER'S INFORMATION.**: DRAWN BY: CHECKED BY:
- **PHONE: (614) 461-4664 COLUMBUS, OHIO 43215 SUITE 300 300 SPRUCE STREET**: DRAWN BY: CHECKED BY:
1. LANDSCAPE ARCHITECT: FINAL LAYOUT TO BE APPROVED IN THE FIELD WITH OWNER AND LAYOUT OF BOULDER OUTCROPPINGS FOR DESIGN INTENT ONLY.

2. STRUCTURAL ENGINEER: FOR SITE FURNISHINGS REFER TO SPECIFICATIONS.

3. BASE PLUMBING: MASONRY WALLS TO BE FLUSH WITH THE FINISHED FLOOR ELEVATION EXCEPT AS NOTED.THE A/E WILL REVIEW THE LAYOUT FOR GENERAL CONFORMANCE.

4. DIMENSIONS TO BE INDEPENDENTLY VERIFIED BY THE OWNER OR THE A/E.

5. GIRDER LOCATION TO BE SHOWN IN AN APPROXIMATE WAY ONLY AND HAVE NOT BEEN ACTUALLY DIMENSIONED.

6. ACTUAL DIMENSIONS IN THE FIELD, PRIOR TO CONSTRUCTION.

7. TOTAL DISCREPANCY IS FOUND BETWEEN THE DIMENSION GIVEN AND THE LOCATIONS OF THE EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY AND HAVE NOT BEEN ACCURATELY DETERMINED.

8. UTILITIES ARE NOT SHOWN.

9. UNLESS NOTED OTHERWISE, ALL WALKWAYS AND HARDSCAPE ABUT AT 90 DEGREE ANGLES.

10. UNLESS NOTED OTHERWISE, ALL DIMENSIONS USING CURBS, BUILDING WALLS OR PAVEMENT AS A REFERENCE ARE FROM THE CURB, FINISHED FACE OF THE WALL OR EDGE OF THE PAVEMENT, AS A REFERENCE ARE FROM THE FACE OF CURB, FINISHED FACE OF WALL OR EDGE OF PAVEMENT, AS A REFERENCE ARE FROM THE FACE OF CURB, FINISHED FACE OF WALL OR EDGE OF PAVEMENT.

11. DO NOT SCALE DRAWINGS, UTILIZE DIMENSIONS INDICATED ON DRAWINGS.

12. ALL DIMENSIONS SHOWN ARE IN FEET AND INCHES UNLESS OTHERWISE NOTED.

13. DIMENSIONS IN THE FIELD, PRIOR TO CONSTRUCTION.

14. INDEPENDENTLY VERIFIED BY THE OWNER OR THE A/E.

15. SAME DIMENSIONS TO BE SHOWN IN AN APPROXIMATE WAY ONLY AND HAVE NOT BEEN ACTUALLY DIMENSIONED.

16. DIMENSIONS TO BE INDEPENDENTLY VERIFIED BY THE OWNER OR THE A/E.
HATCHING ON THIS PLAN IS INTENDED TO SHOW THE DIFFERENT SOIL TYPES AND DEPTHS AND SHOULD NOT BE CONFUSED WITH THE HATCHES SHOWN ON THE PLANTING PLANS. SEE SITE SURVEY ON CIVIL ENGINEER'S DRAWINGS FOR EXISTING GRADE CONDITIONS AND BENCH MARK INFORMATION.

DO NOT FILL OVER EXISTING TREE ROOT ZONES DEFINED BY THE TREE'S DRIP LINE.

PREPARE TRANSITION ZONE ABOVE SUBSOIL IN TURF BED AND TREE PLANTING AREAS AS DESCRIBED IN THE SPECIFICATIONS AND SHOWN IN THE DETAILS.

ALL AREAS WITHIN GRADING LIMITS OR DISTURBED BY CONSTRUCTION ACTIVITIES AND NOT SHOWN TO RECEIVE IMPORTED SOIL ON THIS PLAN SHALL RECEIVE CLEAN AMENDED TOPSOIL AND BE SEEDED OR SODDED PER THE SPECIFICATIONS.

TOPSOIL DEPTH INDICATED IS THE FINAL DEPTH REQUIRED. COMPENSATE FOR SETTLING AND COMPACTION AS NECESSARY, REFERENCE SPECIFICATIONS.

OVER EXCAVATE AS NECESSARY TO PROVIDE REQUIRED DEPTH OF SOIL.

REFER TO THE SPECIFICATIONS FOR MORE INFORMATION ON SOIL AMENDMENTS AND SOIL MIXES.

REFER TO CIVIL ENGINEER'S PLANS FOR YARD DRAINS AND UNDERDRAIN TYPES.

EXTERIOR PAVEMENT ELEVATIONS AT ALL ENTRANCES TO BUILDING OR ADJACENT TO EXISTING PAVEMENTS ARE TO BE FLUSH WITH THE FINISHED FLOOR ELEVATION OF THE BUILDING OR SLAB U.N.O.

INSURE POSITIVE DRAINAGE ACROSS ALL FINISH GRADED SURFACES.

THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING INLET PROTECTION FOR ALL DRAIN INLETS WITHIN THE LIMITS OF GRADING.

ALL AREAS DISTURBED BY GRADING OPERATIONS OUTSIDE BUILDING AND PAVEMENT AREAS ARE TO BE FINE GRADED AND SEEDED. SEE CIVIL PLANS AND SPECIFICATIONS.

GENERAL NOTES - SOILS:

LAWN AREAS PLANTING MIX - 6" DEPTH

SOILS LEGEND:

GROUNDCOVER, PERENNIAL & SHRUB PLANTING MIX - 18" DEPTH

SAND-BASED STRUCTURAL SOIL MIX - 30" DEPTH

PRESERVE & PROTECT SOILS AT EXISTING GRADE

10' X 10' PERENNIAL MIX AT EVERY TREE LOCATION SITUATED IN A PERENNIAL BED - 36" DEPTH

10' X 10' SOIL AMENDMENT AREA AT EVERY TREE LOCATIONS NOT SITUATED IN PERENNIAL BED - 36" DEPTH

SITE SOILS PLAN

CML LINDEN BRANCH

# DATE CHANGE DESCRIPTION

0' 5' 10' 20' 40'

SCALE: 1" = 10'-0"
GENERAL NOTES - PLANTING:

1. See specification for lawn seed mixes.
2. Discrepancy with quantities on schedule.
3. Plan. Graphic representation on plan supersedes in cases of contractor to determine plant list quantities from the association of nurserymen standards.
4. All planting operations shall adhere to the American standard for nursery stock.
5. All plants shall meet or exceed standards set in U.S.A.
6. Height of 7'-0" min.
7. Parking lot and street trees shall have a clear canopy.
8. Specifications.
9. Install all plants in accordance with planting details and approved by landscape architect prior to planting.
10. Layout of beds shall be located by contractor and straight lines as shown on plan. Plant locations and all planting bed edges to be smooth flowing arcs or topsoil and finished grade.
11. By paving, buildings or planting beds unless otherwise contractor expense.
12. Repaired or replaced to its original condition at the architect prior to installation.
13. Any item or area damaged during construction shall be field locate all plantings with approval from landscape to landscape planting.
14. Irrigation system, shall be complete and operational prior providing positive drainage.
15. Finishing lawn areas and planting beds shall be graded to necessary to avoid utilities.
16. Confirm location of all utilities and sub-surface drain lines prior to plant installation.
17. Confirm location of all utilities and sub-surface drain lines prior to plant installation.
18. Characteristics and growth habit of the specified plant. Substituted plants shall have the same essential substitutions shall only be permitted with notification and contractor. Substitutions shall only be permitted with notification and contractor. Corrected and are acceptable to the landscape contractor shall notify the general and will notify the general contract.
19. Field locate all plantings with approval from landscape and will notify the general contract.
20. Field locate all plantings with approval from landscape and will notify the general contract.
21. Necessary to avoid utilities.
22. Site planting plan.

PLANTING LEGEND

<table>
<thead>
<tr>
<th>PLANT CODE</th>
<th>BOTANICAL NAME</th>
<th>COMMON NAME</th>
</tr>
</thead>
<tbody>
<tr>
<td>MA</td>
<td>Maackia amurensis</td>
<td>Amur Maackia</td>
</tr>
<tr>
<td>MV</td>
<td>Magnolia virginiana 'Jim Wilson'</td>
<td>Moonglow Sweetbay Magnolia</td>
</tr>
<tr>
<td>DC</td>
<td>Deschampsia cespitosa</td>
<td>Tufted Hair Grass</td>
</tr>
<tr>
<td>CN</td>
<td>Carpinus caroliniana <code>JFS-KW6</code></td>
<td>Native Flame American Hornbeam</td>
</tr>
<tr>
<td>MP</td>
<td>Maclura pomifera <code>White Shield</code></td>
<td>White Shield Osage Orange</td>
</tr>
<tr>
<td>QR</td>
<td>Quercus rubrum</td>
<td>Red Oak</td>
</tr>
<tr>
<td>PG</td>
<td>Picea glauca densata</td>
<td>Black Hills Spruce</td>
</tr>
<tr>
<td>BG</td>
<td>Bouteloua gracilis <code>Blonde Ambition</code></td>
<td>Blonde Ambition Blue Grama</td>
</tr>
<tr>
<td>GB</td>
<td>Ginkgo biloba &quot;Princeton Sentry&quot;</td>
<td>Princeton Sentry Ginkgo</td>
</tr>
<tr>
<td>UA</td>
<td>Ulmus americana <code>Princeton</code></td>
<td>Princeton American Elm</td>
</tr>
<tr>
<td>RA</td>
<td>Rhus aromatica <code>Gro-Low</code></td>
<td>Gro-Low Fragrant Sumac</td>
</tr>
<tr>
<td>TM</td>
<td>Taxus × media <code>Everlow</code></td>
<td>Everlow Taxus</td>
</tr>
<tr>
<td>JG</td>
<td>Juniperus x <code>Grey Owl</code></td>
<td>Grey Owl Juniper</td>
</tr>
<tr>
<td>PA</td>
<td>Pennisetum alopecuroides 'Hameln'</td>
<td>Hameln Fountain Grass</td>
</tr>
<tr>
<td>DK</td>
<td>Diervilla x <code>G2X885411</code></td>
<td>Kodiak Red Diervilla</td>
</tr>
<tr>
<td>CS</td>
<td>Cornus sericea <code>Farrow</code></td>
<td>Arctic Fire Red Twig Dogwood</td>
</tr>
<tr>
<td>EP</td>
<td>Echinacea purpurea</td>
<td>Coneflower</td>
</tr>
<tr>
<td>PS</td>
<td>Pinus strobus</td>
<td>White Pine</td>
</tr>
<tr>
<td>PLANTING LEGEND</td>
<td>PLANTING LEGEND</td>
<td>PLANTING LEGEND</td>
</tr>
</tbody>
</table>

SCALE: 1" = 10'-0"

NOT FOR CONSTRUCTION

SITE PLANTING PLAN

OCTOBER 4, 2023

L2.4
GENERAL NOTES - IRRIGATION:

1. THE SUBMITTED IRRIGATION PLAN SHALL BE PREPARED BY A CERTIFIED IRRIGATION DESIGNER (CID) AND INCLUDE A ZONE CHART, DESIGN CRITERIA, FLOW INFORMATION, SLEEVE CERTIFICATION, METER, BACKFLOW PREVENTION AND OTHER REQUIRED COMPONENTS, LANDSCAPE PLANTING, AND ARCHITECTURAL DRAWINGS. FURNISHING SUCH FITTINGS, ETC. AS MAY BE REQUIRED TO MEET THE REQUIREMENTS OF THE OWNER.

2. THE IRRIGATION CONTRACTOR SHALL CAREFULLY INVESTIGATE THE SUBMITTED IRRIGATION PLAN WHEN IT IS OBVIOUS IN THE FIELD. DO NOT WILLINGLY INSTALL THE SPRINKLER SYSTEM AS SHOWN ON THE SUBMITTED IRRIGATION PLAN. REPORT ANY ERRORS, OMISSIONS, OR ERRORS MADE AT NO ADDITIONAL COST.

3. THE IRRIGATION CONTRACTOR SHALL PROVIDE THE FIRST PROGRESS REPORT TO THE OWNER OR OWNER'S REPRESENTATIVE ANY DEFICIENCIES TO THE OWNER OR OWNER'S REPRESENTATIVE ANY DEFICIENCIES FOR REVIEW AND APPROVAL. THE IRRIGATION CONTRACTOR IMMEDIATELY. SHOULD THE IRRIGATION CONTRACTOR NOT BE FAMILIAR WITH THE SITE, ALL GRADE DIFFERENCES, OBSTRUCTIONS OR DIFFERENCES SHOULD BE BROUGHT TO THE ATTENTION OF THE IRRIGATION DESIGNER AND THE GENERAL CONTRACTOR IMMEDIATELY.

4. IRON THE IRONING IS INTENDED TO SHOW THE DIFFERENT IRRIGATION TYPES AND SHOULD NOT BE CONFUSED WITH THE FIELD IN THE CIVIL ENGINEER'S PLAN. HATCHING ON THIS PLAN IS INTENDED TO SHOW THE DIFFERENT IRRIGATION TYPES AND SHOULD NOT BE CONFUSED WITH THE FIELD IN THE CIVIL ENGINEER'S PLAN. HATCHING ON THIS PLAN IS INTENDED TO SHOW THE DIFFERENT IRRIGATION TYPES AND SHOULD NOT BE CONFUSED WITH THE FIELD IN THE CIVIL ENGINEER'S PLAN. HATCHING ON THIS PLAN IS INTENDED TO SHOW THE DIFFERENT IRRIGATION TYPES AND SHOULD NOT BE CONFUSED WITH THE FIELD IN THE CIVIL ENGINEER'S PLAN.

5. THE IRONING IS INTENDED TO SHOW THE DIFFERENT IRRIGATION TYPES AND SHOULD NOT BE CONFUSED WITH THE FIELD IN THE CIVIL ENGINEER'S PLAN. HATCHING ON THIS PLAN IS INTENDED TO SHOW THE DIFFERENT IRRIGATION TYPES AND SHOULD NOT BE CONFUSED WITH THE FIELD IN THE CIVIL ENGINEER'S PLAN.

6. THE SUBMITTED IRRIGATION PLAN SHALL BE PREPARED BY A CERTIFIED IRRIGATION DESIGNER (CID) AND INCLUDE A ZONE CHART, DESIGN CRITERIA, FLOW INFORMATION, SLEEVE CERTIFICATION, METER, BACKFLOW PREVENTION AND OTHER REQUIRED COMPONENTS, LANDSCAPE PLANTING, AND ARCHITECTURAL DRAWINGS. FURNISHING SUCH FITTINGS, ETC. AS MAY BE REQUIRED TO MEET THE REQUIREMENTS OF THE OWNER.

7. THE IRRIGATION CONTRACTOR SHALL PROVIDE THE FIRST PROGRESS REPORT TO THE OWNER OR OWNER'S REPRESENTATIVE ANY DEFICIENCIES TO THE OWNER OR OWNER'S REPRESENTATIVE ANY DEFICIENCIES FOR REVIEW AND APPROVAL. THE IRRIGATION CONTRACTOR IMMEDIATELY. SHOULD THE IRRIGATION CONTRACTOR NOT BE FAMILIAR WITH THE SITE, ALL GRADE DIFFERENCES, OBSTRUCTIONS OR DIFFERENCES SHOULD BE BROUGHT TO THE ATTENTION OF THE IRRIGATION DESIGNER AND THE GENERAL CONTRACTOR IMMEDIATELY.
IRRIGATION LEGEND:
- 1" = 6'-0"
- 1" = 2'-0"
- 1" = 1'-0"
- 1" = 0'-0"

PLANTING LEGEND:
- 1" = 6'-0"
- 1" = 2'-0"
- 1" = 1'-0"
- 1" = 0'-0"

SOILS LEGEND:
- 1" = 6'-0"
- 1" = 2'-0"
- 1" = 1'-0"
- 1" = 0'-0"

MATERIALS LEGEND:
- 1" = 6'-0"
- 1" = 2'-0"
- 1" = 1'-0"
- 1" = 0'-0"
**CAST-IN-PLACE CONCRETE FOOTING**
- Compacted ODOT
- #304 Aggregate
- Concrete Walk/Landing Adjacent

**SS DOWEL TO PIN CONCRETE WALK TO CONCRETE STAIR.**
- Place 24" O.C.

**COMPACTED SUB-GRADE**
- Light-broom finish, typ

**3'-0" TO FROST DEPTH**
- 1/8" Expansion Joint
- Concrete Paving
- Compacted Aggregate Base
- Compacted Sub-Grade

**CIP CONCRETE CHEEK WALL**
- Beyond 3" CLR.

**VERTICAL REBAR**
- #5 @ 12" OC EA WAY TYP.

**HORIZONTAL REBAR**
- #5 @ 12" OC EA WAY TYP.

**FILL CORE-DRILLED CONCRETE SLAB W/ NON-SHRINK GROUT EMBEDDED STAINLESS STEEL HANDRAIL POST INTO CONCRETE SLAB VOID STAINLESS STEEL PLATE COVER EPOXY PLATE COVER TO CONCRETE PAVEMENT STAINLESS STEEL HANDRAIL POST. POSTS (1 1/2" X 1") STAINLESS STEEL PLATE COVER CORE-DRILLED CONCRETE PAVEMENT EXTENTS BELOW STAINLESS STEEL HANDRAIL POST. POSTS (1 1/2" X 1")**

**STAIR DETAILS**

**STAIR HEIGHTS VARY**
- R 1/4"
- 8"
- 13"
- 1"
- 2"
RHS 6" X 0.25 GALV. STEEL GATE POST. PAINTED BLACK COLOR.
SUBMIT TO OWNER AND LANDSCAPE ARCHITECT FOR REVIEW AND APPROVAL PRIOR TO FABRICATION AND INSTALLATION.

2 X 4 NATURAL CEDAR PICKET SET PERPENDICULAR TO GATE FRAME

1 1/2" X 1 1/2" X 3/16" GALV. STEEL ANGLE SUPPORT FRAMING PAINTED BLACK COLOR, TYP.

2 X 2 PRESSURE TREATED SUBFRAME, TYP.

5' - 0" HEAVY DUTY CONCRETE PAVEMENT, SEE CIVIL ENGINEER'S DRAWINGS.

24" DIA. CONCRETE FOOTING, TYP.

COMPACTED AGGREGATE BASE. ODOT ITEM #304

HINGE, BEYOND L7.5

6' - 0"

2' - 0"

8"

6"

24' - 0"

23' - 4"

8"

2' - 0"

12' - 0"

12' - 0"
<table>
<thead>
<tr>
<th>PLANT CODE</th>
<th>BOTANICAL NAME</th>
<th>COMMON NAME</th>
<th>SIZE</th>
<th>CONTAINER</th>
<th>COUNT</th>
</tr>
</thead>
<tbody>
<tr>
<td>MP</td>
<td>Maclura pomifera <code>White Shield</code></td>
<td>White Shield Osage Orange</td>
<td>3&quot;</td>
<td>Cal. B&amp;B</td>
<td>6</td>
</tr>
<tr>
<td>QR</td>
<td>Quercus rubrum</td>
<td>Red Oak</td>
<td>3&quot;</td>
<td>Cal. B&amp;B</td>
<td>2</td>
</tr>
<tr>
<td>PG</td>
<td>Picea glauca densata</td>
<td>Black Hills Spruce</td>
<td>8<code> - 10</code> Ht.</td>
<td>B&amp;B or Cont.</td>
<td>6</td>
</tr>
<tr>
<td>BG</td>
<td>Bouteloua gracilis <code>Blonde Ambition</code></td>
<td>Blonde Ambition Blue Grama</td>
<td>#3 Cont.</td>
<td>113</td>
<td></td>
</tr>
<tr>
<td>GB</td>
<td>Ginkgo biloba <code>Princeton Sentry</code></td>
<td>Princeton Sentry Ginkgo</td>
<td>3&quot;</td>
<td>Cal. B&amp;B</td>
<td>3</td>
</tr>
<tr>
<td>UA</td>
<td>Ulmus americana <code>Princeton</code></td>
<td>Princeton American Elm</td>
<td>3&quot;</td>
<td>Cal. B&amp;B</td>
<td>4</td>
</tr>
<tr>
<td>TM</td>
<td>Taxus × media <code>Everlow</code></td>
<td>Everlow Taxus</td>
<td>24-30&quot; Ht.</td>
<td>B&amp;B or Cont.</td>
<td>27</td>
</tr>
<tr>
<td>JG</td>
<td>Juniperus x <code>Grey Owl</code></td>
<td>Grey Owl Juniper</td>
<td>24-30&quot; Ht.</td>
<td>B&amp;B or Cont.</td>
<td>22</td>
</tr>
<tr>
<td>EP</td>
<td>Echinacea purpurea</td>
<td>Coneflower</td>
<td>#1 Cont.</td>
<td>106</td>
<td></td>
</tr>
<tr>
<td>PS</td>
<td>Pinus strobus</td>
<td>White Pine</td>
<td>8<code> - 10</code> Ht.</td>
<td>B&amp;B or Cont.</td>
<td>3</td>
</tr>
</tbody>
</table>

---

**Planting Details**

**PLANT SCHEDULE**

<table>
<thead>
<tr>
<th>PLANT CODE</th>
<th>BOTANICAL NAME</th>
<th>COMMON NAME</th>
<th>SIZE</th>
<th>CONTAINER</th>
<th>COUNT</th>
</tr>
</thead>
<tbody>
<tr>
<td>MP</td>
<td>Maclura pomifera <code>White Shield</code></td>
<td>White Shield Osage Orange</td>
<td>3&quot;</td>
<td>Cal. B&amp;B</td>
<td>6</td>
</tr>
<tr>
<td>QR</td>
<td>Quercus rubrum</td>
<td>Red Oak</td>
<td>3&quot;</td>
<td>Cal. B&amp;B</td>
<td>2</td>
</tr>
<tr>
<td>PG</td>
<td>Picea glauca densata</td>
<td>Black Hills Spruce</td>
<td>8<code> - 10</code> Ht.</td>
<td>B&amp;B or Cont.</td>
<td>6</td>
</tr>
<tr>
<td>BG</td>
<td>Bouteloua gracilis <code>Blonde Ambition</code></td>
<td>Blonde Ambition Blue Grama</td>
<td>#3 Cont.</td>
<td>113</td>
<td></td>
</tr>
<tr>
<td>GB</td>
<td>Ginkgo biloba <code>Princeton Sentry</code></td>
<td>Princeton Sentry Ginkgo</td>
<td>3&quot;</td>
<td>Cal. B&amp;B</td>
<td>3</td>
</tr>
<tr>
<td>UA</td>
<td>Ulmus americana <code>Princeton</code></td>
<td>Princeton American Elm</td>
<td>3&quot;</td>
<td>Cal. B&amp;B</td>
<td>4</td>
</tr>
<tr>
<td>TM</td>
<td>Taxus × media <code>Everlow</code></td>
<td>Everlow Taxus</td>
<td>24-30&quot; Ht.</td>
<td>B&amp;B or Cont.</td>
<td>27</td>
</tr>
<tr>
<td>JG</td>
<td>Juniperus x <code>Grey Owl</code></td>
<td>Grey Owl Juniper</td>
<td>24-30&quot; Ht.</td>
<td>B&amp;B or Cont.</td>
<td>22</td>
</tr>
<tr>
<td>EP</td>
<td>Echinacea purpurea</td>
<td>Coneflower</td>
<td>#1 Cont.</td>
<td>106</td>
<td></td>
</tr>
<tr>
<td>PS</td>
<td>Pinus strobus</td>
<td>White Pine</td>
<td>8<code> - 10</code> Ht.</td>
<td>B&amp;B or Cont.</td>
<td>3</td>
</tr>
</tbody>
</table>

---

**Spacing Calculations**

<table>
<thead>
<tr>
<th>Distance</th>
<th>No. of Plants per 1,000 SQ. FT.</th>
</tr>
</thead>
<tbody>
<tr>
<td>10&quot;</td>
<td>8</td>
</tr>
<tr>
<td>12&quot;</td>
<td>6</td>
</tr>
<tr>
<td>15&quot;</td>
<td>4.5</td>
</tr>
<tr>
<td>18&quot;</td>
<td>3</td>
</tr>
<tr>
<td>24&quot;</td>
<td>2</td>
</tr>
<tr>
<td>30&quot;</td>
<td>1.5</td>
</tr>
<tr>
<td>48&quot;</td>
<td>1</td>
</tr>
</tbody>
</table>

---

**Planting Details**

**Triangular Plant Spacing**

<table>
<thead>
<tr>
<th>Distance</th>
<th>No. of Plants per SQ. FT.</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot;</td>
<td>10</td>
</tr>
<tr>
<td>12&quot;</td>
<td>5</td>
</tr>
<tr>
<td>24&quot;</td>
<td>2.5</td>
</tr>
</tbody>
</table>

---

**Orthogonal Plant Spacing**

<table>
<thead>
<tr>
<th>Distance</th>
<th>No. of Plants per SQ. FT.</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot;</td>
<td>10</td>
</tr>
<tr>
<td>12&quot;</td>
<td>5</td>
</tr>
<tr>
<td>24&quot;</td>
<td>2.5</td>
</tr>
</tbody>
</table>

---

**Recommended Spacing**

- 6" = 1'-0" (12 inches)
- 12" = 2'-0" (24 inches)
- 18" = 3'-0" (36 inches)
- 24" = 4'-0" (48 inches)
- 30" = 4'-12" (60 inches)
- 48" = 8'-0" (96 inches)

---

**Edge Cover**

- 1/2 SQ. FT.
- 1 SQ. FT.

**Tree Staking**

- Use same staking/guying orientation for all plants within each grouping or area.
- Orient to slope.
- Orient staking/guying to prevailing winds and slopes, except on slopes greater than 3:1.

---

**Surface Preparation**

- Use undisturbed sub-grade holes to accept tree.
- Drill 2" diameter pilot hole.
- Position tree stakes such that the root flare is 1" above soil.

---

**Mulching**

- Hardwood bark mulch.
- Double shredded.
- Edge of planting bed.

---

**Other Notes**

- Prior to planting tree, scarify sub-grade prior to placing planting soil.
- Remove pots and separate pot bound roots as specified.
- Orient to slope.
- Use same staking/guying orientation for all plants within each grouping or area.
HOLD SYNTHETIC TURF SYSTEM 1/2"
BELOW PAVERS TO PREVENT TRIPPING

TURF-TRAY SYNTHETIC TURF SYSTEM

LEVEL 2 FFE:
1/8" JOINT TYP.

CONCRETE UNIT PAVER:
PODIUM, SEE ARCHITECTURAL DRAWINGS.
ADJUSTABLE PEDESTAL,
SEE SPECIFICATIONS
WATERPROOFING AS LISTED IN
ARCHITECTURAL SPECIFICATIONS.

LEVEL 2 FFE:
SET ADJUSTABLE PEDESTAL TO
EDGE OF BUILDING FACE AND
REMOVE SPACER TABS TO CREATE A
FLAT SURFACE WHERE PAVERS
REST ON SPACER PLATE

CONCRETE UNIT PAVER
FACE OF BUILDING

1/8" OPEN JOINT, TYP.
WATERPROOFING AS LISTED IN
ARCHITECTURAL SPECIFICATIONS

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

© 2021 MOODY•NOLAN INC.

DRAWING TITLE:
FOR
DRAWN BY: CHECKED BY:
PROGRESS
NOT FOR
CONSTRUCTION

OCTOBER 4, 2023
75% CONSTRUCTION
DOCUMENTS

AMENITY DECK DETAILS
CONTRACTOR'S PROPERTY AFTER COMPLETION OF THE PROJECT.

BM BEAM

TYPE CONTINUOUS

J. SHEAR STUDS: ASTM A108, FY = 60 KSI

K. DEFORMED BAR ANCHORS: ASTM A496, FY = 70 KSI

3. MECHANICAL EQUIPMENT LOADS, OPENINGS AND STRUCTURE IN ANY WAY RELATED TO MECHANICAL REQUIREMENTS ARE Shown

SIZE

3' 1"

2' 5"

#4 1"

10"

5.

MINIMUM G185 COATING OR STAINLESS STEEL WITH CHEMICAL COMPOSITION CONFORMING TO AISI 303/304 OR AISI 316.

D. ACCEPTABLE MECHANICAL SCREW ANCHORAGE SYSTEMS: (MAY NOT BE USED TO SECURE MAIN BUILDING FRAME COMPONENTS)

B. STEEL SUPPORTING OR CONNECTING TO MECHANICAL AND OTHER EQUIPMENT AND ROOF OPENINGS AS SHOWN ON

LAP SPLICE SCHEDULE FOR

INSIDE FACE OF FTG

FABRIC AWNINGS AND... - SNOW EXPOSURE FACTOR (Ce) 1.0 - SNOW LOAD IMPORTANCE FACTOR (Is) 1.0 - THERMAL FACTOR (Ct) 1.0 - SNOW DRIFTING SEE PLAN

A. GROUT SPACE. --- X

I. PROVIDE ATTACHMENT FOR JOINING EXTENDED JOIST BOTTOM CHORDS.

H. REPAIR ACTIVITIES. X ---

C. ENVIRONMENTAL CONDITIONS (WIND SPEED, MOISTURE, TEMPERATURE). --- X

G. BACKING REMOVED AND WELD TABS REMOVED (IF REQUIRED). X ---

F. MAINTAIN RECORDS OF ALL TESTS INDICATING EXACT LOCATION OF THE STRUCTURE REPRESENTED BY EACH TEST.

E. MAINTAIN RECORDS OF ALL TESTS INDICATING EXACT LOCATION OF THE STRUCTURE REPRESENTED BY EACH TEST.

D. ACCEPTABLE ADHESIVE ANCHORAGE SYSTEMS: [PACKAGE FOR REVIEW.]

A. PAINT ALL JOISTS WITH ONE COAT OF FABRICATORS STANDARD PRIMER UNLESS NOTED OTHERWISE.

C. SUBMIT PRODUCT LITERATURE FOR ADMIXTURES AND CURING COMPOUNDS PROPOSED FOR USE.

MISCELLANEOUS:

B. DOCUMENT ACCEPTANCE OR REJECTION OF DECK AND DECK ACCESSORIES. X ---

A. VERIFY COMPLIANCE OF DECK AND ALL DECK ACCESSORIES INSTALLATION WITH CONSTRUCTION

A. LAP SPLICE REINFORCING BARS AS SCHEDULED. MINIMUM LAP = 36 DIAMETERS.

A. WELDING PROCEDURE SPECIFICATIONS (WPS) AVAILABLE. --- X

A. USE OF QUALIFIED WELDERS. --- X

A. VERIFY COMPLIANCE OF DECK AND ALL DECK ACCESSORIES INSTALLATION WITH CONSTRUCTION

C. INTRODUCTION OF CONCRETE FLOOR SLAB. LAP JOINTS A MINIMUM OF 6 INCHES AND SEAL WITH MANUFACTURER'S RECOMMENDED TAPE OR...
CHANGES IN WALL HEIGHT

TRANSITIONS FROM INTERIOR WALLS TO EXTERIOR WALLS
TRANSITIONS FROM WALLS BRG. ON FDN. TO

PROVIDE CONTROL JT. IN ALL MASONRY WALLS @ A SPACING NOT TO

ADDITION, PROVIDE CONTROL JT. @ THE FOLLOWING LOCATIONS:

ACROSS CONTROL JT. PROVIDE CAULKED

- VERT. JT. EA. FACE.
- SEE PLAN AND/OR SCHED.
- REINF.

- PROVIDE AN 8" DP. BOND BM.
- OPNG. WIDTH
- OPNG. WIDTH
- BRG. LENGTH
- COURSE W/ (2) #4 CONT. @ THE
- TOP OF ALL MASONRY WALLS IN
- ADDITION TO ALL OTHER BOND
- BM. NOTED OR DETAILED.
- #5 CONT. WHERE LINTEL
- SPANS CONT. OVER
- CONTROL JOINTS
- JAMBS PER THE FOLLOWING SCHEDULE:
- COORD. WIDTH OF
- 36" DIAMS.
- LINTEL W/ ARCH.
- OPNG. WIDTH
- CONTROL JOINTS
- 2'
- - 0"
- ONE JAMB ONLY
- TYP.
- 7 5/8"
- 6'
- 0"
- (2) #5 CONT.
- 0" TO 6'
- - 1'
- 3 5/8"
- 8'
- GREATER THAN 6'
- - 0" WIDE.
- PROVIDE TWO LAYERS OF 15
- MIL
- WIDER THAN 6'
- BOTH JAMBS
- PROVIDE TWO LAYERS OF 15
- & CAULK FACE JT.
- ALL LINTEL BRG. (INCLUDING
- LOOSE ANGLE VENEER LINTELS)
- PROVIDE TWO LAYERS OF 15
- & CAULK FACE JT.
- PLASTIC VAPOR BARRIER BELOW
- @ 48" O.C.
- LINTEL PER PLAN
- LINTEL PER PLAN
- ALL LINTEL BRG. (INCLUDING
- LOOSE ANGLE VENEER)
- PROVIDE 8" DP. BOND BM.
- - HEIGHT REINF. BAR @
- INTERIOR FINISH SCHEDULE FOR LOCATION OF ALL SCORED BLOCK.
- PROVIDE 24" LG. HORIZ. JT. REINF.
- SHEETS TO MATCH TYP. WALL REINF.)
- PLACE REINF. BAR A SUFFICIENT DISTANCE
- FROM SOLID CMU BELOW
- MECHANICAL AND ELECTRICAL WORK, WHETHER SPECIFICALLY NOTED ON
- SEE PLAN AND/OR
- INSTALL BOLTS INTO 13/16"
- EMBED.
- PROVIDE 1/4" SETTING
- BRG. PL. IF BRG. PL. IS NOT
- SPECIFIED
- GROUT
- (2) 3/4"Ø A.B. W/ STD.
- WELDED
- TO BRG. PLATE
- TACK WELD.
- DO NOT WELD BM.
- DO NOT WELD BM.
- (6" U.N.O.)
- SEE PLAN
- INSTALL BOLTS INTO 13/16"
- EMBED.
- PROVIDE 1/4" SETTING
- BRG. PL. IF BRG. PL. IS NOT
- SPECIFIED
- GROUT
- (2) 3/4"Ø A.B. W/ STD.
- WELDED
- TO BRG. PLATE
- TACK WELD.
- DO NOT WELD BM.
- DO NOT WELD BM.
- (6" U.N.O.)
- SEE PLAN
- INSTALL BOLTS INTO 13/16"
- EMBED.
- PROVIDED AT EAC. SIDE OF
- REINF. BAR A SUFFICIENT DISTANCE FROM
- MEASUREMENTS SHOWN DO NOT INCLUDE CORROSION PROTECTION.
- PROVIDE 8" MINIMUM BEARING EACH END FOR 8" AND 16" DEEP LINTELS.  USE
- 16" MINIMUM BEARING FOR 24" (AND DEEPER) LINTELS.

For Type of CMU and Type of Bond, SEE Specification Section 042000.

1. ALL 2000 PSI (MINIMUM) GROUT. USE FINE GROUT FOR WALLS 6 INCHES AND LESS.
2. PROVIDE TWO LAYERS OF 15 - MIL.
3. LINTELS SHALL BEAR ON SOLID CMU OR ON 2 FILLED COURSES.
4. MAXIMUM SPANS DO NOT APPLY TO LOAD BEARING WALLS.
5. BOND PATTERN OF LINTEL TO MATCH THAT OF SURROUNDING WALL.
6. BOTTOM OF LINTEL SHALL BE SMOOTH MASONRY WITH NO CORES EXPOSED.
7. PROVIDE SCORED BLOCK AS REQUIRED TO MATCH ADJACENT WALL FINISH. REFER TO
- INTERIOR FINISH SCHEDULE FOR LOCATION OF ALL SCORED BLOCK.
- PROVIDE (2) #5 CONT.
- IF OPNG. IS
- GREATER THAN 6'
- - 0" WIDE.
8. PROVIDE 8" MINIMUM BEARING EACH END FOR 8" AND 16" DEEP LINTELS.  USE
**FOUNDATION PLAN**

1. **DESIGN SOIL BEARING PRESSURE** = 2500 PSF. SEE S001 FOR REFERENCE SOILS INFORMATION. REFERENCE THIS REPORT FOR ANY REQUIRED SITE BUILDING PAD PREPARATION.

2. **MATERIAL. OVER-EXCAVATIONS ARE TO BE FILLED WITH LEAN CONCRETE UP TO THE PLANNED BOTTOM OF FOOTING ELEVATION. PLACE NO CONCRETE PRIOR TO INSPECTION AND APPROVAL OF BEARING SURFACES BY SOILS ENGINEER.**

3. **KEEP FOUNDATIONS FREE OF WATER AT ALL TIMES. REPLACE WEAKENED SOIL WITH LEAN CONCRETE OR FLOWABLE FILL.**

4. **BOTTOM OF FOOTINGS ARE TO BE AT LEAST 36-INCHES BELOW THE ADJACENT EXTERIOR FINISHED GRADE FOR FROST PROTECTION.**

5. **ELEVATIONS SHOWN ON FOOTINGS INDICATE ELEVATION AT TOP OF FOOTING. REFERENCE ELEVATION OF TOP OF SLAB WITH SITE DRAWINGS.**

6. **INDICATES FOOTING STEP PER SECTION 2/S301. STEP AT A RATIO NOT TO EXCEED # VERTICAL TO TWO HORIZONTAL.**

7. **INDICATES APPROXIMATE LOCATION AND INVERT DEPTH OF UNDERGROUND UTILITIES. COORDINATE THE LOCATION AND DEPTH OF ALL UNDERGROUND MECHANICAL, ELECTRICAL, PLUMBING, AND/OR CIVIL WORK PRIOR TO CONSTRUCTION. NOT ALL UNDERGROUND UTILITIES ARE SHOWN ON THE STRUCTURAL DRAWINGS. FOUNDATIONS BUILT PRIOR TO THE INSTALLATION OF THE UTILITY DEPTH PER SECTION 6/S301. WHERE UNDERGROUND UTILITIES ARE IN SECTION 5/S301. SEE SECTION 4/S301 FOR TRENCH EXCAVATION AND UTILITY PLACEMENT REQUIREMENTS FOR WORK THAT IS LAID ADJACENT TO FOOTINGS.**

8. **SEE ELEVATION ON S001 FOR TYPICAL REINFORCED MAS ONRY WALL CONSTRUCTION.**

9. **SEE SHEET S201 FOR COLUMN SCHEDULE.**

10. **SEE SHEET S001 FOR GENERAL STRUCTURAL INFORMATION.**

**FILE INFO:**

- **DRAWING TITLE:**
- **DRAWING:**
- **PROJ. #:** 21507
- **DRAWING NOT FOR CONSTRUCTION:**
- **FILE INFO:**
- **PRINT DATE:** 10/24/2023 11:47:25 AM
- **ADDRESS:** 300 SPRUCE STREET SUITE 300 COLUMBUS, OHIO 43215
- **PHONE:** (614) 461-4664
- **FAX:** (614) 280-8881
- **COLUMBUS METROPOLITAN LIBRARY**

**AUTHOR CHECKER**

**PROGRESS CHECKED WITH FOR CONSTRUCTION**

**DATE:**

- **DATE:**
- **DATE:**
- **DATE:**
- **DATE:**
SLAB ON GRADE PLAN
SECOND FLOOR FRAMING PLAN

1. DESIGN LIVE LOADS:
   - STAIRS AND EXITS 100 PSF

2. FLOOR CONSTRUCTION:
   - 5" (OVERALL) CONC. SLAB W/ 4x4-W2.9/W2.9 WWF ON 2" x 20 GA. COMPOSITE METAL DECK. MESH IS TO BE SUPPORTED DURING CONCRETE PLACEMENT ON CHAIRS OR BOLSTERS AT MID-DEPTH OF FOR TYPICAL DECK ATTACHMENT TO SUPPORTING STRUCTURE.

3. SLABS ON METAL DECK ARE TO BE FINISHED TO A THEORETICAL LEVEL. THICKNESSES GIVEN ARE APPLICABLE AT COLUMNS, BEARING WALLS, AND OTHER RIGID SUPPORTING ELEMENTS. SLABS MAY, THEREFORE, BE THICKER AT MID-SPAN OF SUPPORT DUE TO DEFLECTION UNDER WET CONCRETE.

4. REFERENCE ELEVATION IS 100'-0" = TOP OF FIRST FLOOR SLAB ON GRADE = XXX.XX' ABSOLUTE ELEVATION. TOP OF STEEL/DECK BEARING ELEVATION FOR EACH LEVEL IS AS FOLLOWS:

5. CAMBER IS NOT REQUIRED IN STEEL BEAMS UNLESS INDICATED BY "C=".

6. INDICATES NON-STANDARD JOIST SEAT DEPTH. SEE SECTIONS AND DETAILS FOR ADDITIONAL INFORMATION.

7. INDICATES UNFACTORED (ASD) STEEL BEAM REACTION IN KIPS TO BE USED IN SCHEDULE. WHERE NO BEARING PLATE IS SPECIFICALLY INDICATED, PROVIDE 1/4" SETTING PLATE AND 3/4" ANCHOR BOLTS AS SHOWN IN SECTIONS 7/S310 AND 8/S310.

8. INDICATES MASONRY LINTEL FOR WALL OPENINGS. SEE ARCHITECTURAL DRAWINGS SCHEDULE.

9. SEE SHEET S201 FOR COLUMN SCHEDULE. 12. SEE ARCHITECTURAL DRAWINGS FOR ANY DIMENSIONS NOT INDICATED HEREIN.

10. SEE SHEET S001 FOR GENERAL STRUCTURAL INFORMATION.

DRAWING TITLE: SECOND FLOOR FRAMING PLAN

JULY 17, 2023

AUTHOR:

DRAWN BY:

CHECKED BY:

PROJ. # 21507

DATE: JULY 17, 2023

FILE INFO:

PRINT DATE: JULY 17, 2023

FILE: \21507 CML Linden Branch - R22/23.49.003 - CML Linden Branch (R22).rvt

10/24/2023 11:47:26 AM
**COLUMN SCHEDULE**

<table>
<thead>
<tr>
<th>#</th>
<th>DATE CHANGE</th>
<th>DESCRIPTION</th>
</tr>
</thead>
</table>

**BASE PLATE TYPE**

<table>
<thead>
<tr>
<th>BASE PLATE SIZE</th>
<th>ANCHOR BOLTS SIZE (Ø x EMBED DEPTH)</th>
</tr>
</thead>
</table>

**BASE PLATE DETAIL**

- **Typical Anchor Bolt**
- **Heavy NUT**
- **Base Plate Detail**
3'-0"

TYPICAL 2" COMPOSITE METAL DECK ATTACHMENT

1. PROVIDE 5/8"Ø PUDDLE WELDS @ 12" O.C. @ LAPS & INTERMEDIATE SUPPORTS

2. PROVIDE (2) #10 SIDELAP SCREW CONNECTORS @ THIRD POINTS FOR ALL SPANS OVER 5'-0". WELD TO EDGE OF BM. W/ 5/8"Ø PUDDLE WELDS @ 12" O.C.

1. ALL HEADED SHEAR STUDS ARE TO BE 3/4" Ø. SEE PLAN FOR SHEAR STUD LENGTH AFTER WELDING TO MEMBERS.

2. PLACE SHEAR STUDS IN ONE ROW ON MEMBER CENTERLINE WHENEVER POSSIBLE. DO NOT EXCEED 2 ROWS OF STUDS SIDE BY SIDE.

3. THE TOTAL NUMBER OF SHEAR STUDS SHOWN ON PLAN ARE TO BE SPACED EQUALLY ALONG THE LENGTH OF THE MEMBER OR BETWEEN CONNECTED ELEMENTS. STUDS ARE TO BE A MINIMUM OF 6" ON CENTER AND A MAXIMUM OF 36" ON CENTER.

4. SHEAR STUDS PLACED SIDE BY SIDE ARE TO BE A MINIMUM OF 3" ON CENTER.

5. LOCATE FIRST STUD 6" MINIMUM OR 12" MAXIMUM FROM END OF MEMBER.

COMPOSITE MTL. DECK
3/4" Ø HEADED SHEAR STUDS SEE PLAN & NOTES FOR SPACING REQ’MENTS

TYPICAL COMPOSITE BEAM CONSTRUCTION

1 1/2" 1 1/2"

3/4" Ø HEADED SHEAR STUDS. SEE PLAN FOR LENGTH & QTY. CENTER OVER BM. WEB BUTT DECK OVER BM. DO NOT LAP.

SEE PLAN FOR SLAB CONST.
PROVIDE GIRDER FILLER PL. AS REQ’D

INSTALL ALL STUDS IN 2 ROWS AS REQ’D TO LIMIT STUD SPACING TO 6" MIN.

CONTRACTOR NOTE:
BEAMS & GIRDERS WILL DEFLECT UNDER THE WEIGHT OF WET CONCRETE. FLOOR IS TO BE FINISHED TO A THEORETICAL LEVEL. ADDITIONAL CONCRETE REQUIRED SHALL BE INCLUDED IN BID PRICE.

SEE PLAN FOR NOMINAL SLAB THICKNESS

TYPICAL COMPOSITE BEAM DEFLECTION

EL. SEE PLAN
6" (MAX.)
SEE PLAN
CONC. SLAB ON MTL. DECK
SEE PLAN
1'-4" (MAX.)
SEE PLAN
CONC. SLAB ON MTL. DECK
SEE PLAN
1" CLR.
#4 @ 12" O.C.
W/ HK. LAID HORIZ.
#4 CONT.
CONT. 3/8" BENT PL.

TYPICAL SLAB EDGES

48" 8"

3/16" 2 @12

TYPICAL FLOOR OPENING FRAMING

1/4" ANGLE OR BENT PL. (4 SIDES OF OPNG.)
L4 x 4 x 1/4 x 4" LG.
STEEL JST.

OPENING FRAME IS TYPICAL FOR ALL FLOOR PENETRATIONS GREATER THAN OR EQUAL TO 12" SQUARE OR 12" DIAMETER

L4 x 4 x 1/4  EA. SIDE OF OPNG.
CONC. SLAB ON MTL. DECK
3/16" 2 W/ CONTRACTOR COORD. SIZE & LOCATION OF OPNG.
JST. WEB REINF. ANGLE

S310
JULY 17, 2023
DESIGN DEVELOPMENT
1 1/2" METAL DECK ATTACHMENT TO STEEL STRUCTURE

(36/4 - 2 PATTERN)

PROVIDE (2) #10 SIDELAP SCREW CONNECTORS FOR ALL SPANS. WELD TO EDGE BM. W/ 5/8"Ø PUDDLE WELDS @ 12" O.C.

PROVIDE 5/8"Ø PUDDLE WELDS @ 6" O.C. @ END LAPS, & 12" O.C. @ INTERMEDIATE SUPPORTS

3'-0" L3 x 3 x 1/4 FOR SPANS UNDER 6'-0"

UNDER ALL SIDES OF ROOF OPNG.

TYPICAL ROOF OPENING FRAMING STEEL JST.

STEEL BM.

OPENING FRAME IS TYPICAL FOR ALL ROOF PENETRATIONS GREATER THAN OR EQUAL TO 12" SQUARE OR 12" DIAMETER

L3 x 3 x 1/4 x 4" LG.

3/16" 2 3/16" W/ CONTRACTOR COORD. SIZE & LOCATION OF OPNG.

JST. WEB REINF. ANGLE

1 1/2" METAL DECK ATTACHMENT

ROUND BAR NOT ACCEPTABLE (REINF. W/ ANGLES AS SHOWN @ LEFT)

FIELD WELD ANGLE FROM LOAD LOCATION TO NEAREST TOP OR BOT. CHORD PANEL POINT. USE L2 x 2 x 3/16 FOR "K" SERIES JST. USE L3 x 3 x 1/4 FOR "LH" SERIES JST.

MODIFICATION IS TYP. FOR ALL JOISTS SUPPORTING LOAD FROM TOP OR BOTTOM CHORD BETWEEN PANEL POINTS VERIFY LOCATION & NO. OF LOADS W/ ARCHITECTURAL, MECHANICAL, PLUMBING, & ELECTRICAL DWGS.

TYPICAL MECHANICAL UNIT SUPPORT AND ROOF OPENING FRAMING

L6 x 4 x 5/16 LLV x 4" LG. (TYP.)

L3 x 3 x 1/4 UNDER ALL SIDES OF ROOF OPNG.

STEEL JST.

JST. WEB REINF. ANGLE

C6 x 8.2 UNDER ALL SIDES OF MECH. UNIT CURB

PROVIDE SOLID BLOCKING IN ALL DECK FLUTES UNDER ROOFTOP CURB

MECH. UNIT & ROOFTOP CURB

OPENING FRAME IS TYPICAL FOR ALL DECK PENETRATIONS GREATER THAN OR EQUAL TO 12" SQUARE OR 12" DIAMETER

SUPPORT FRAME IS TYPICAL FOR ALL MECHANICAL UNITS WEIGHING 500# OR MORE.

#12 SELF-DRILLING SCREWS @12" O.C. AROUND PERIMETER OF CURB

© 2021 MOODY•NOLAN INC.

3/4" = 1'-0"
1. EXISTING PARTITION TO REMAIN. PREPARE AS REQUIRED FOR NEW CONSTRUCTION
2. EXISTING STAIRS TO REMAIN. PROTECT AND REPAIR DURING CONSTRUCTION
3. EXISTING DOWNSPOUT, TO BE RELOCATED, PROVIDE PROTECTION DURING CONSTRUCTION
4. EXISTING COLUMN TO REMAIN, PROVIDE PROTECTION DURING CONSTRUCTION
5. EXISTING BOOK DROP TO BE REMOVED. INFILL TO MATCH EXISTING FACADE
6. EXISTING RAMP. REMOVE AND PREPARE SITE AS REQUIRED FOR NEW CONSTRUCTION
7. EXISTING PLANTER. REMOVE AND PREPARE SITE AS REQUIRED FOR NEW CONSTRUCTION
8. REMOVE AND DISPOSE OF EXISTING CASEWORK
9. REMOVE AND DISPOSE OF EXISTING PLUMBING FIXTURES
10. REMOVE AND DISPOSE OF EXISTING ROOF TOP MEP AS REQUIRED PER MEP DRAWINGS
11. REMOVE EXISTING ROOF ROOF MEMBRANE & INSULATION. CLEAN & REPAIR ROOF DECKING AS REQUIRED TO RECEIVE NEW ROOF INSULATION & MEMBRANE
12. REMOVE C CHANNEL SUNSCREEN WHERE POSSIBLE.
13. EXISTING STOREFRONT TO BE REMOVED AND REPLACE WITH STOREFRONT AND GLASS TO MATCH THE ADDITION
14. REMOVE EXISTING STOREFRONT AND DOOR
1. EXISTING PARTITION TO REMAIN. PREPARE AS REQUIRED FOR NEW CONSTRUCTION
2. EXISTING STAIRS TO REMAIN. PROTECT AND REPAIR DURING CONSTRUCTION
3. EXISTING DOWNSPOUT, TO BE RELOCATED, PROVIDE PROTECTION DURING CONSTRUCTION
4. EXISTING COLUMN TO REMAIN, PROVIDE PROTECTION DURING CONSTRUCTION
5. EXISTING BOOK DROP TO BE REMOVED. INFILL TO MATCH EXISTING FACADE
6. EXISTING RAMP. REMOVE AND PREPARE SITE AS REQUIRED FOR NEW CONSTRUCTION
7. EXISTING PLANTER. REMOVE AND PREPARE SITE AS REQUIRED FOR NEW CONSTRUCTION
8. REMOVE AND DISPOSE OF EXISTING CASEWORK
9. REMOVE AND DISPOSE OF EXISTING PLUMBING FIXTURES
10. REMOVE AND DISPOSE OF EXISTING ROOF TOP MEP AS REQUIRED PER MEP DRAWINGS
11. REMOVE EXISTING ROOF MEMBRANE & INSULATION. CLEAN & REPAIR ROOF DECKING AS REQUIRED TO RECEIVE NEW ROOF INSULATION & MEMBRANE
12. REMOVE C CHANNEL SUNSCREEN WHERE POSSIBLE.
13. EXISTING STOREFRONT TO BE REMOVED AND REPLACE WITH STOREFRONT AND GLASS TO MATCH THE ADDITION
14. REMOVE EXISTING STOREFRONT AND DOOR
1. EXISTING PARTITION TO REMAIN. PREPARE AS REQUIRED FOR NEW CONSTRUCTION
2. EXISTING STAIRS TO REMAIN. PROTECT AND REPAIR DURING CONSTRUCTION
3. EXISTING DOWNSPOUT, TO BE RELocATED, PROVIDE PROTECTION DURING CONSTRUCTION
4. EXISTING COLUMN TO REMAIN, PROVIDE PROTECTION DURING CONSTRUCTION
5. EXISTING BOOK DROP TO BE REMOVED. INFILL TO MATCH EXISTING FACADE
6. EXISTING RAMP. REMOVE AND PREPARE SITE AS REQUIRED FOR NEW CONSTRUCTION
7. EXISTING PLANTER. REMOVE AND PREPARE SITE AS REQUIRED FOR NEW CONSTRUCTION
8. REMOVE AND DISPOSE OF EXISTING CASEWORK
9. REMOVE AND DISPOSE OF EXISTING PLUMBING FIXTURES
10. REMOVE AND DISPOSE OF EXISTING ROOF TOP MEP AS REQUIRED PER MEP DRAWINGS
11. REMOVE EXISTING ROOF ROOF MEMBRANE & INSULATION. CLEAN & REPAIR ROOF DECKING AS REQUIRED TO RECEIVE NEW ROOF INSULATION & MEMBRANE
12. REMOVE C CHANNEL SUNSCREEN WHERE POSSIBLE.
13. EXISTING STOREFRONT TO BE REMOVED AND REPLACE WITH STOREFRONT AND GLASS TO MATCH THE ADDITION
14. REMOVE EXISTING STOREFRONT AND DOOR
1. WINDOW WASHING ANCHORS SEE STRUCTURAL DRAWINGS
2. 36" x 72" STAIR TYPE ROOF HATCH WITH RAILING SYSTEM & ALTERNATING TREAD STAIRS, SEE
3. 30" WIDE WALKWAY PADS
4. EXHAUST FAN. SEE MECHANICAL DRAWINGS & ROOF DETAILS
5. ROOF TOP MECHANICAL EQUIPMENT.
6. NEW TPO ROOF MEMBRANE & INSULATION
EXISTING ROOF
ACCESS LADDER
OPEN TO BELOW

1. WINDOW WASHING ANCHORS SEE & STRUCTURAL DWGS
2. 36" x 72" STAIR TYPE ROOF HATCH WITH RAILING SYSTEM & ALTERNATING TREAD STAIRS, SEE
3. 30" WIDE WALKWAY_PADS
4. EXHAUST FAN. SEE MECHANICAL_DRAWINGS & ROOF_DETAILS
5. ROOF TOP MECHANICAL EQUIPMENT.
6. NEW TPO ROOF MEMBRANE & INSULATION

© 2021 MOODY•NOLAN INC.
PRINT DATE:
FILE INFO:
DRAWING TITLE:
FOR
DRAWN BY: CHECKED BY:
PROGRESS
DRAWING
CONSTRUCTION
DOCUMENTS
Proj. # 21507.02
OCTOBER 25, 2023
75% CONSTRUCTION
A120
A20
A301
A302
A401
A501
ROOF PLAN - OVERALL
CML LINDEN BRANCH
COLUMBUS METROPOLITAN LIBRARY
2223 CLEVELAND AVE
COLUMBUS, OH 43211
300 SPRUCE STREET
SUITE 300
COLUMBUS, OHIO 43215
PHONE: (614) 461-4664
FAX: (614) 280-8881

ROOF PLAN GENERAL NOTES
1. NOT USED

ROOF PLAN CODED NOTES
/1/8" = 1'-0"
NOTE:
SEE 1/A202.1 FOR ACOUSTICAL CEILING PANELS FOR LOCATIONS AND SIZE MOUNTED TO ROOF DECK
NOTE:

COORDINATE ARCHITECTURAL REFLECTED CEILING PLANS WITH THE MECHANICAL AND ELECTRICAL DRAWINGS FOR NUMBER, AND LOCATIONS, OF, AND TYPES OF FIXTURES AND GRILLES. NOT ALL ITEMS SHOWN ON LEGEND MAY BE PRESENT IN THE PROJECT.

A1
ACOUSTIC CEILING TYPE 1: 2’x2’ LAY-IN CEILING

A2
ACOUSTIC CEILING TYPE 2: 2’x4’ LAY-IN CEILING

E1
EXPOSED STRUCTURE ABOVE

G1
GYPSUM BOARD CEILING OR SOFFIT

2x2 LIGHT FIXTURE

2x4 LIGHT FIXTURE (SHADING DENOTES EMERGENCY FIXTURE)

1x4 LIGHT FIXTURE (SHADING DENOTES EMERGENCY FIXTURE)

1x8 LIGHT FIXTURE (SHADING DENOTES EMERGENCY FIXTURE)

OR

RECESSED CAN LIGHT

EXIT LIGHT WITH DIRECTIONAL ARROW

EXIT LIGHT

LINEAR COVE LIGHT

SUPPLY DIFFUSER

EXHAUST/RETURN GRILLE

SPEAKER

LINEAR DIFFUSER

CEILING TAG WITH HEIGHT

SURFACE MOUNTED LIGHT

AP - 1
ACOUSTICAL CEILING TILE

M1
METAL COMPOSITE SOFFIT SYSTEM

A530
VARIES

AP - 1
VARIES

AP - 1
VARIES

AP - 1
VARIES

TYP EQ
TYP EQ

TYP

1'-0”

MAX

7'-0”

TYP

4'-0”

3'-0”

4'-0”

5'-0”

6'-0”

3'-3”

5'-0”

6'-0”

300 SPRUCE STREET

SUITE 300

COLUMBUS, OHIO 43215

PHONE: (614) 461-4664

FAX: (614) 280-8881

© 2021 MOODY•NOLAN INC.