Existing / Demolition Floor Plan

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Floor Plan Notes
1. Existing Ridge Plaster to remain
2. Existing Steel Lintel, 14" x 8" off with Masonry above, to remain.
3. Existing Steel Lintel, 7-1/4" are with Masonry above, to remain.
4. Existing Spiral duct above, to remain.
5. Existing Wood Rail to remain.
6. Existing Stair Well to remain.
7. Remove existing carpet in existing lobby.
8. Replace existing wall lights.
9. Replace existing cabinet heater and thermostat. Unit is disassembled and not operational.
10. Replace window to be removed and reassembled by Owner's vendor.
11. Existing mirror plate to be removed, saved to Owner.
12. Existing picture frame panel to be reinstalled by Owner's vendor.
13. Replace existing door panel, ceiling above existing vestibule.
14. Remove existing aluminum storefront framing, doors, skylight framing, and sign, and
15. Replace existing exterior wall mounted lights with new, remote control to match existing, if necessary (see bid item #1)
16. Existing exterior brick Masonry walls to remain as is.
17. Existing concrete entrance walk to remain as is, replace as necessary to facilitate
18. Replace existing stair rail, wall to remain as is.
19. Area of Alteration: 366 square ft.

Code Compliance Notes - 2011 OBC

**SCOPE OF WORK:**
Removal of all existing interior structure to facilitate an open entrance within existing footprint. Construct
a new handcrafted single open entrance within existing conditions for the convenience of the library patrons.

**EXISTING BUILDING DATA:**

Existing Occupancy Classification: LI - Library (A-3)
Construction Type: 3B, masonry bearing walls, wood roof structure, concrete slab on grade
Area of Alteration: 366 square ft.
Floor Plan

Legend

Existing Construction to Remain

New Interior Partition 9'-0"
1/2" Insulated, 5/8" Painted Exterior Both Sides.

Low Walls with Door Cpa. See Interior Elevation. This Sheet.

Outlet of Future Cabinet/Countertop, Finish Boarded in Oak.

New Exterior Walls, 2'-6", 1/2", Insulated, Subflooring Inside, 1/2" Exterior Plywood on Outside Face.

1 Toilet Room Elevation

1. Ada compliant wall hung water closet with flush handle on side panel/affix floor wall.
2. Ada compliant wall hung china lavatory, insulate exposed pipes, below.
3. Water resistant, painted drywall.
4. Suspended acoustical ceiling.
5. See building cross-section for details of structure above.
6. U'pull, Key Resin, integral one base.
7. Plastic sink mirror with beveled pole.
8. 4" Grab bar, "R" hook, or equal.
9. 6" Grab bar, "R" hook, or equal.
10. 12" Vertical Grab bar, "R" hook, or equal, 30" from rear wall and 30" from finish floor line.
11. Extend drywall to bottom of structure above, typical all new, >=.
12. Electric hand dryer, "R" hot, black, surface mounted, ada compliant.

Toilet Room Accessories:
Toilet paper holder, soap dispenser, trash receptacles, misc. toilet room accessories, shall be provided by owner's vendor. General contractor shall list accessories and provide all balancing, all devices to be mounted per iasab regulations.

2 Coffee Counter Elevation

Provide blocking for future cabinet/counter top.

Cambie Goodall
ARCHITECT

South Entrance Renovations
Troy - Miami County Public Library

Contractor shall verify all existing field conditions and dimensions!
Plumbing Notes & Specs

1. Plumbing Contractor shall determine the best method to facilitate installation of new plumbing work. Verify all conditions prior to starting work.
2. Sew out, pitch and repair any existing floor construction as required to facilitate the installation of new work.
3. All piping, including vents, shall be conscientious. No exposed piping will be permitted.
4. Silicone sealant is to be used.
5. All new underground piping shall be 4" minimum.
6. Install stops and strainers on all plumbing fixtures.
7. All work shall be done in a workmanlike manner to comply with all state and local codes.
8. Piping Schedule:

   A. Sanitary (including vents) – Schedule 40, PVC
   B. Hot and Cold Water – Type L lead free copper. Insulate all piping with 3" thick ceramic foam insulation.
9. All waste, vent and other servicing piping shall not above the ceiling unless noted otherwise.
10. Drawing is schematic only. Plumbing Contractor is to verify sizes and locations of all lines. Upon completion of all plumbing work, Contractor shall furnish a copy of as-built drawings to the General Contractor.
11. Provide and install clean pipe traps, clean piping, all water supply and drain lines in all plumbing fixtures subject to the general public's view.
12. Plumbing Contractor to provide information necessary for all State and local plumbing permits. P. O. Box 9194
13. Provide all clean-out, waste, vent and traps required by code. All lines to be isolated.
14. Bed all new piping in concrete and grout, at least 4" above grade and up to a minimum of 4" above the pipe.

Plumbing Fixture Schedule

P-1 Wall Hung ADA Compliant Water Closet

- Kohler® #40325, or equal, white, vitreous china, wall mount, 10" high, 1.6 gpf, manual flush valve ("Ships") ("Royal"), elongated bowl with heavy duty space saving seat, 1,000 pound adjustable fixture support, J.R. Smith #120, or equal.

P-2 Wall Hung China Lavatory

- American Standard® #0535.041 with "American Standard", "Kabirak SoftSiphonic" centered previously recessed with 75/8" diameter fixture system. Provided with "Heine" faucet lavatory drain 15/8" C, stop, supply kit #140 and pipe insulators.

P-3 4" Inlet Floor Drain

- "Wade", or equal, cast iron with apheresis clamp and "A" strainer.

Mechanical Plan

Scale: 1/4" = 1'-0"

- Copy of existing mechanical, plumbing, electrical drawings in red. Reference, verify all existing conditions.
- Tie new toilet room fixture to existing domestic water system. Provide shut off valves to isolate new toilet room.

1. New 4" Od exhaust pipe to stainless steel exhaust grille mounted in high suspended mechanical ceiling, grow to be centered in ceiling.

2. New 4" Od exhaust duct mounted in high suspended mechanical ceiling, grow to be centered in ceiling.

3. New 4" Od exhaust duct located in pipe chase between existing toilet room. Existing exhaust system has one central exhaust fan.

4. Provide water connections in recessed valve box with cover, for fixture or equipment.

5. Cleanout

6. New underground sanitary piping to existing sanitary line on south side of building. See attached existing mechanical drawings. Saw cut existing sanitary line to create joint line, g.c. to replace removed concrete. Turn new sanitary piping to go below low wall and into third space, if needed.
ELECTRICAL GENERAL NOTES

ALL ELECTRICAL WORK SHALL COMPLY WITH ALL RECOMMENDED AND
MANDATORY RULES AND REGULATIONS OF THE LATEST EDITION OF THE
NATIONAL ELECTRICAL CODE AND ALL BUILDING CODES AND ANY OTHER
STATE OR LOCAL CODES WHERE THE CONTRACT DOCUMENTS CALL FOR
MATERIALS OR INSTALLATIONS MORE STRINGENT THAN PREVAILING CODES, THE
CONTRACT DOCUMENTS SHALL GOVERN.

THE CONTRACTOR SHALL OBTAIN ALL PERMITS NECESSARY, THE CONTRACTOR
SHALL PERFORM ELECTRICAL INSPECTIONS BY AN AGENCY LICENSED OR
OTHERWISE QUALIFIED TO PERFORM ELECTRICAL INSPECTIONS IN THE STATE OF
OHIO. ALL COSTS INCURRED TO THE ELECTRICAL INSPECTION SHALL BE BORNE
BY THE CONTRACTOR. THE CONTRACTOR SHALL FORWARD CERTIFICATES OF
APPROVAL TO THE ELECTRICAL INSPECTOR. FINAL PAYMENT WILL BE WITHHELD
UNTIL A FINAL CERTIFICATE OF COMPLETION HAS BEEN DELIVERED TO THE
OWNER. FURNISH A COPY OF THE CERTIFICATE TO THE ARCHITECT.

THE CONTRACTOR SHALL COORDINATE THE LOCATION OF ALL EQUIPMENT AND
CONDUIT ROUTING WITH ALL OTHER TRADES AND SHIFT LOCATIONS WHERE
NECESSARY.

REFER TO THE ARCHITECTURAL DRAWINGS FOR LOCATIONS OF LIGHT FIXTURES
AND OTHER SERVICES. COORDINATE WITH ARCHITECTURAL DRAWINGS FOR DEVICES
LOCATED IN WALL SPACE.

THE ELECTRICAL CONTRACTOR SHALL FURNISH FRANCHISE HP MANUAL
STARTERS FOR ALL MANUALLY OPERATED SINGLE PHASE, ONE SPEED MOTORS
UNLESS OTHERWISE INDICATED ON THE DRAWINGS. ALL OTHER STARTERS FOR
MECHANICAL AND PLUMBING EQUIPMENT SHALL BE PROVIDED BY THE
ASSOCIATED TRADE CONTRACTORS.

UNLESS OTHERWISE INDICATED ON THE DRAWINGS, ALL REQUIRES AND/OR
INTERLOCK AND CONTROL Wiring INVOLVING MECHANICAL AND PLUMBING
EQUIPMENT AND SYSTEMS SHALL BE PROVIDED BY THE ASSOCIATED TRADE
CONTRACTORS.

IN ALL CASES WHERE CONDUIT, ETC., PASS THROUGH FIRE WALLS AND
PARTITIONS, THE SPACES BETWEEN THE STRUCTURE OR SLEEVE AND THE
PENETRATING MEMBER SHALL BE PROTECTED WITH A FIRESTOP SEALANT
TO PRODUCE A FIRE, SMOKE AND WATER BARRIER. SEALANT MATERIAL SHALL BE
NONHARDENING AS PER Definition by ASTM E-135.

ELECTRICAL METAL TUBING SHALL BE USED INSIDE THE BUILDING AND
IT SHALL BE ZINC COATED INSIDE AND OUTSIDE. FITTINGS MAY BE
COMPRESSION TYPE OR SET SCREW TYPE. MINIMUM SIZE SHALL BE 1/2" DIAMETER.
BLOG (BZGO GALVANIZED) STUBS SHALL BE USED OUTSIDE THE BUILDING
AND SHALL BE GALVANIZED OUTSIDE AND ZINC COATED INSIDE. FITTINGS SHALL BE SUBJECT TO THE SAME REQUIREMENTS AS THE
CONDUIT AND UL APPROVED. PVC (POLYVINYL CHLORIDE) SHALL BE USED
UNDERGROUND/OUTSIDE THE BUILDING.

ALL CONDUCTORS SHALL BE #8 COPPER, STRANDED, THIN OR
THIN RATED AND RATED IN VOLT. UNLESS OTHERWISE NOTED, NO
CONDUCTORS SHALL BE SMALLER THAN #12. ALL 120 VOLT CIRCUITS IN
EXCESS OF 50FT SHALL USE #10 AWG NON-METALLIC SHIELDED CABLE (ROMEX).
ALL 240 VOLT, 120/240 VOLT, AND 277 VOLT CIRCUITS SHALL BE PROVIDED TO
APPROVED OUTDOOR BOXES.

CIRCUITS INDICATED MAY BE COMBINED IN A SINGLE CONDUIT PROVIDED
DETAILS AND CONDUIT FILL REQUIREMENTS ARE MET. SHARED NEUTRALS ARE
NOT PERMITTED.

A SEPARATE GROUNDING CONDUCTOR SHALL BE INSTALLED IN EACH CONDUIT
GROUNDED. SEE DETAIL SHEET E-1012.

ALL BOXES SHALL BE BURIED TO ADEQUATE DEPT TO ENSURE THE
INTEGRITY OF THE EQUIPMENT AND TO MEET THE REQUIREMENTS OF THE
LOCAL CODE.

UNLESS OTHERWISE SPECIFICALLY SHOWN, ALL JUNCTION BOXES AND CONDUIT
SHALL BE INSTALLED IN CONCEALED SPACES, EXCEPT FOR MECHANICAL, FIRE
PROTECTION, AND FLOOR SYSTEMS, WHERE THEY MAY BE EXPOSED.

WIRING DEVICES SHALL BE SPECIFIED FOR 120V, 20 AMP, 120 VOLT
FACE PLATES SHALL MATCH DEVICE, COORDINATE COLORS WITH ARCHITECT.

ELECTRICAL SHEET NOTES

1. REPLACE EXISTING LIGHT FIXTURE WITH NEW TYPE 'P' FIXTURE. PROVIDE A
NEW BRASS TRASH POLICE LIGHT FOR MOUNTING ON EXISTING POLE, MOUNT
LITE IN DIRECTION OF INDIATED ARROW. THIS WORK IS INCLUDED IN
ALTERNATE BID ITEM E-1 ONLY.

2. REPLACE EXISTING WALL MOUNT FIXTURE WITH TYPE 'D' FIXTURE. THIS WORK IS
INCLUDED IN ALTERNATE BID ITEM E-1 ONLY.