PHASES & ALTERNATES:

PHASE 1 BASE BID: AREA A & B & LIGHTING

Demolition and new work associated with renovating area A, B & classrooms with associated partitions & finishes as indicated on drawings.

Demolition & new work associated with replacing all existing exterior windows in area A as indicated on the drawings.

Base bid: all windows & doors as indicated on designs.

Phase 2 Base Bid: Area A & H

Demolition and new work associated with renovating area A & H, associated partitions & finishes as indicated on drawings.

Phase 2 Scope of Work (Not included in this Bid Package)

ALTERNATE 1: AREA A EXTERIOR WINDOWS

Demolition and new work associated with replacing exterior windows in area A as indicated on the drawings.

Base bid: all windows & doors as indicated on designs.

ALTERNATE 2: AREA B & G

Demolition and new work associated with renovating area B & G, associated partitions & finishes as indicated on drawings.

ALTERNATE 3: STRUCTURAL ENSURE CONFORMITY IN AREA A-000 AS INDICATED ON DRAWINGS.

ALTERNATE 4: STRUCTURAL ADJUST CONFORMITY IN AREA D-000 AS INDICATED ON DRAWINGS.

BASE BID: REPLACE LIGHTS PER MEP DWGS AS INDICATED ON DWGS INDICATED PER DRAWINGS.

ASSOCIATED PARTITIONS & FINISHES IN ROOMS B401 & G614 AS INDICATED ON THE DRAWINGS.

ASSOCIATED PARTITIONS & FINISHES IN ROOMS B401 & G614 AS INDICATED ON THE DRAWINGS.

ASSOCIATED PARTITIONS & FINISHES IN ROOMS B401 & G614 AS INDICATED ON THE DRAWINGS.

ASSOCIATED PARTITIONS & FINISHES IN ROOMS B401 & G614 AS INDICATED ON THE DRAWINGS.

ASSOCIATED PARTITIONS & FINISHES IN ROOMS B401 & G614 AS INDICATED ON THE DRAWINGS.
The scope of the work does not affect the building height or area, overall exit load/capacity or restroom/toilet count.

### PHASE 1

**BUILDING INFORMATION**
- **Building Type**: 2-story, educational use
- **Construction**: II-B (602.2, Non-combustible, non-protected)

**Egress Components**
- **Fire Door**: 1-Hour (Table Section 707) 45 Minute door with 45 Minute glazing (Table 716.1(2))
- **Smoke Control Systems**: No smoke barriers
- **Fire Alarm Signaling**: Automatic sprinkler system provided throughout

**Fire Safety Features**
- **Emergency Lighting**: Provided throughout

**PLUMBING FIXTURES**
- **Drinking Fountains**: 1 per 100
- **Water Closets (Female)**: 1 per 50
- **Water Closets (Male)**: 1 per 50

**CODE NARRATIVE**
- The scope of the work does not affect the building height for area, overall exit load/capacity or restroom/toilet count.
Total Building Occupant Load 359

First Floor 359

A117 Wellness Business Areas 84 SF 1

A115 Therapy/SLP Business Areas 273 SF 1

A114 Active Sensory Exercise Rooms 382 SF 8

A107 Calm Sensory Exercise Rooms 301 SF 7

A106a Storage Mercantile - Storage, Stock, Shipping Areas 319 SF 2

A106 Sculpture Educational Shops & other Vocational 1789 SF 36

A105 SPED Academic Educational Classroom area 757 SF 38

A103 BEST Educational Classroom area 891 SF 45

A102 Multipurpose Educational Classroom area 961 SF 49

A101 Child Development Educational Classroom area 974 SF 49

A100 SPED Functional Educational Shops & other Vocational 1056 SF 22

Not Placed 0

X109e Closet Mercantile - Storage, Stock, Shipping Areas Not

X108A Storage Mercantile - Storage, Stock, Shipping Areas Not

Code BLDG 1 Occupant Load Table

<table>
<thead>
<tr>
<th>Room No</th>
<th>Room Name</th>
<th>Function of Space</th>
<th>Area (SF)</th>
<th>Rm No</th>
<th>Room Name</th>
<th>Function of Space</th>
<th>Area (SF)</th>
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<td>A117</td>
<td>Wellness Business Areas</td>
<td>A117 Wellness Business Areas</td>
<td>84 SF</td>
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<td>Therapy/SLP Business Areas</td>
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<td>Active Sensory Exercise Rooms</td>
<td>A114 Active Sensory Exercise Rooms</td>
<td>382 SF</td>
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<td>A115</td>
<td>Therapy/SLP Business Areas</td>
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<td>A107</td>
<td>Calm Sensory Exercise Rooms</td>
<td>A107 Calm Sensory Exercise Rooms</td>
<td>301 SF</td>
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<td>A106a</td>
<td>Storage Mercantile - Storage, Stock, Shipping Areas</td>
<td>319 SF</td>
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<td>Vest ETR</td>
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<td>1279 SF</td>
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Code BLDG 2 Occupant Load Table

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<td>Educational Classroom Area</td>
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<td>B400b</td>
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<td>Educational Classroom Area</td>
<td>974 SF</td>
<td>22 SF</td>
<td>0.25</td>
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</table>

First Floor 98

Total Building Occupant Load 98

Code information on the existing building is based on existing drawings and site observations. An exhaustive analysis has not been completed.

The work in BLDG 2 is sprinklered.

Constructions Documents

Library High School Interior Remodel

200 Blue Jay Drive
Liberty, Missouri 64068

01.31.2024

E-2019015618

Kevin E. Nelson

Scale

1/8" = 1'-0"
The work in BLDG 6 is not sprinklered.
PAC ADDITION

GENERAL DEMOLITION NOTES

1. DEMOLITION INCLUDES THE REMOVAL OF EXISTING CONSTRUCTION WHICH CONFLICTS WITH WORK TO BE BUILT/INSTALLED IN NEW CONSTRUCTION. TRANSITIONS BETWEEN DEMOLITION AND EXISTING TO REMAIN TO BE CAREFULLY COORDINATED.

2. DASHED LINES INDICATE EXISTING CONSTRUCTION TO BE DEMOLISHED/REMOVED.

3. HALF-TONE SHADING INDICATES EXISTING CONSTRUCTION TO REMAIN.

4. EVERY DETAIL OF THE DEMOLITION WORK MAY NOT BE COVERED ON THESE DRAWINGS, BUT THE DEMOLITION CONTRACTOR SHALL COORDINATE WITH THE GC/CM TO ENSURE ALL REQUIRED ITEMS ARE REMOVED IN ORDER FOR NEW WORK TO BE COMPLETED.

5. THE OWNER WILL IDENTIFY ALL ITEMS TO BE SALVAGED PRIOR TO DEMOLITION STARTING. CONTRACTOR SHALL SALVAGE AND TURN OVER TO THE OWNER ALL EQUIPMENT IDENTIFIED. ALL REMAINING ITEMS SHALL BE REMOVED BY THE DEMOLITION CONTRACTOR.

6. DO NOT DISTURB SOIL UNDER EXISTING FOOTINGS AND/OR FLOOR SLABS NOTED TO REMAIN.

7. COORDINATE THE REMOVAL OF ALL PORTIONS OF LOAD BEARING ELEMENTS WITH THE STRUCTURAL ENGINEER PRIOR TO REMOVAL. PROVIDE TEMPORARY SHORING AS REQUIRED.

8. REFER TO MEP DEMOLITION SHEETS FOR EXISTING MECHANICAL, ELECTRICAL AND PLUMBING TO BE REMOVED.

GENERAL NOTE: REMOVE EXISTING LIGHTING TO BE REPLACED.
CEILINGS ETR UNO ON AREA PLANS.
RE ELEC ALTERNATE #2 RE: A800S
ALTERNATE #1 RE: A801

REVISIONS:

1. DRAWN BY:
2. DATE:
3. CHECKED BY:

Smith & Boucher Inc.
MEP Engineers
State Certificate of Authority # EGC-0001787
25618 West 103rd Street
Olathe, KS 66061
913.345.2127 phone

The Professional Architects seal affixed to this sheet applies only to the material and items shown on this sheet. All drawings, instruments or other documents not exhibiting this seal shall not be considered prepared by this architect, and this architect expressly disclaims any and all responsibility for such plan, drawings, or documents not exhibiting this seal.

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Kansas City, MO 64111
816.531.4144 Phone
816.531.8572 Fax

Missouri State Certificate of Authority
Architecture # 0000161
Hollis + Miller Architects

JOB NO: 23025
LIBERTY PUBLIC SCHOOLS
LIBERTY HIGH SCHOOL INTERIOR REMODEL
200 BLUE JAY DRIVE
LIBERTY, MISSOURI 64068
01.31.2024

LIBERTY PUBLIC SCHOOL DISTRICT
LIBERTY HIGH SCHOOL INTERIOR REMODEL
200 BLUE JAY DRIVE
LIBERTY, MISSOURI 64068

CONSTRUCTION DOCUMENTS

Scale
1" = 30'-0"

Sheets
A1

Sheet Keynote Legend

KEY PLAN

Scale
1" = 30'-0"
GENERAL DEMOLITION NOTES

1. DEMOLITION INCLUDES THE REMOVAL OF EXISTING CONSTRUCTION WHICH CONFLICTS WITH WORK TO BE BUILT/INSTALLED IN NEW CONSTRUCTION. TRANSITIONS BETWEEN DEMOLITION AND EXISTING TO REMAIN TO BE CAREFULLY COORDINATED.

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5. THE OWNER WILL IDENTIFY ALL ITEMS TO BE SALVAGED PRIOR TO DEMOLITION STARTING. CONTRACTOR SHALL SALVAGE AND TURN OVER TO THE OWNER ALL EQUIPMENT IDENTIFIED. ALL REMAINING ITEMS SHALL BE REMOVED BY THE DEMOLITION CONTRACTOR.

6. DO NOT DISTURB SOIL UNDER EXISTING FOOTINGS AND/OR FLOOR SLABS NOTED TO REMAIN.

7. COORDINATE THE REMOVAL OF ALL PORTIONS OF LOAD BEARING ELEMENTS WITH THE STRUCTURAL ENGINEER PRIOR TO REMOVAL.

8. PROVIDE TEMPORARY SHORING AS REQUIRED. REFER TO MEP DEMOLITION SHEETS FOR EXISTING MECHANICAL, ELECTRICAL AND PLUMBING TO BE REMOVED.

9. THE PROFESSIONAL ARCHITECTS seal affixed to this sheet applies only to the material and items shown on this sheet. All drawings, instruments or other documents not exhibiting this seal shall not be considered prepared by this architect, and this architect expressly disclaims any and all responsibility for such plan, drawings, or documents not exhibiting this seal.
GENERAL DEMOLITION NOTES

1. DEMOLITION INCLUDES THE REMOVAL OF EXISTING STRUCTURAL, MECHANICAL, ELECTRICAL, AND PLUMBING SYSTEMS. ALL EXISTING CONSTRUCTION AND EXTENSIONS TO BE MOVED OR STRIPPED TO MEET NEW CONSTRUCTION REQUIREMENTS.

2. NO EXISTING CONSTRUCTION OR EXTENSIONS TO BE USED IN NEW CONSTRUCTION.

3. EXISTING MATERIALS TO BE MOVED OR STRIPPED TO MEET NEW CONSTRUCTION REQUIREMENTS.

4. EXISTING CONSTRUCTION AND EXTENSIONS TO BE MOVED OR STRIPPED TO MEET NEW CONSTRUCTION REQUIREMENTS.

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33. NO EXISTING CONSTRUCTION OR EXTENSIONS TO BE USED IN NEW CONSTRUCTION.

34. EXISTING CONSTRUCTION AND EXTENSIONS TO BE MOVED OR STRIPPED TO MEET NEW CONSTRUCTION REQUIREMENTS.

35. NO EXISTING CONSTRUCTION OR EXTENSIONS TO BE USED IN NEW CONSTRUCTION.
GENERAL DEMOLITION NOTES

- DEMOLITION WILL REQUIRE THE REMOVAL OF EXISTING CASEWORK, SHELVES, FIXTURES, AND ANY OTHER ITEMS ATTACHED TO WALLS OR CEILINGS.
- ANY EXISTING CEILING TILES OR TILES ATTACHED TO THE CEILINGS MUST ALSO BE REMOVED.
- REFRAIN FROM BURLINGTON AND USE CAUTION WHEN REMOVING EXISTING FIXTURES OR MACHINERY.
- SECURE ALL EXISTING UTENSILS AND TOOLS TO PREVENT THEM FROM FALLING OR CAUSING INJURY OR DAMAGE.

FLOORS & BASE

- EXISTING CEILING TILES AND BASEBOARDS TO BE REMOVED.
- REMOVE EXISTING CONCRETE SLAB WHERE REQUIRED FOR SUFFICIENT CLEARANCE FOR EXISTING STRUCTURAL MEMBERS.
- REMOVE ALL/PORTION OF EXISTING CMU WALL.
- REMOVE ALL/PORTION OF EXISTING CAST-IN-PLACE CONCRETE WALL.
- REMOVE ALL/PORTION OF EXISTING ALT concrete slab for required items to be removed.
- REMOVE EXISTING VINYL COMPOSITION TILE (VCT) AND ADHESIVE.
- REMOVE EXISTING CONCRETE SLAB AS REQUIRED FOR EXISTING STRUCTURAL MEMBERS.
- REMOVE EXISTING CARPET AND BASE INCLUDING ADHESIVE.
- REMOVE EXISTING ALUMINUM OR HOLLOW METAL FRAME.

WALLS

- REMOVE EXISTING PROJECTOR SCREENS, INCLUDING ADHESIVE AND BRACKETS. SALVAGE WHEN NOTED FOR OWNER.
- REMOVE EXISTING CASEWORK (COUNTERS, BASE FRAMES.
- REMOVE ALL/PORTION OF EXISTING DOOR AND ALL RELATED HARDWARE – RELATED APPARATUS.
- REMOVE ALL/PORTION OF EXISTING FOLDING PARTITION DOOR AND RELATED APPARATUS.
- REMOVE ALL/PORTION OF EXISTING METAL LOCKERS AND ALL RELATED BRACKETS AND CAREFULLY STORE FOR REINSTALLATION.
- REMOVE EXISTING PARTITION WALLS, RELATED ACCESSORIES, AND ALL RELATED HARDWARE.
- REMOVE ALL/PORTION OF EXISTING METAL/BASEMENT CEILING TILES AND RETAIN EXISTING ADHESIVE FOR NEW SUSPENSION SYSTEM.
- REMOVE EXISTING CONCRETE SLAB FOR REQUIRED ITEMS TO BE REMOVED.
- REMOVE EXISTING ALUMINUM OR HOLLOW METAL FRAME.

CEILINGS

- REMOVE EXISTING CEILING TILES AND ANY OTHER ITEMS ATTACHED TO THE CEILINGS.
- REMOVE EXISTING CEILING TILES AND ANY OTHER ITEMS ATTACHED TO THE CEILINGS.
- REMOVE EXISTING CEILING TILES AND ANY OTHER ITEMS ATTACHED TO THE CEILINGS.
- REMOVE EXISTING CEILING TILES AND ANY OTHER ITEMS ATTACHED TO THE CEILINGS.

BASICS

- REMOVE ALL/(PORTION OF EXISTING CMU WALL.
- REMOVE ALL/(PORTION OF EXISTING CAST-IN-PLACE CONCRETE WALL.
- REMOVE ALL/(PORTION OF EXISTING ALT concrete slab for required items to be removed.
- REMOVE EXISTING VINYL COMPOSITION TILE (VCT) AND ADHESIVE.
- REMOVE EXISTING CONCRETE SLAB AS REQUIRED FOR EXISTING STRUCTURAL MEMBERS.
- REMOVE EXISTING CARPET AND BASE INCLUDING ADHESIVE.
- REMOVE EXISTING ALUMINUM OR HOLLOW METAL FRAME.

ADDITIONAL REMOVAL

- REMOVE ALL/(PORTION OF EXISTING CMU WALL.
- REMOVE ALL/(PORTION OF EXISTING CAST-IN-PLACE CONCRETE WALL.
- REMOVE ALL/(PORTION OF EXISTING ALT concrete slab for required items to be removed.
- REMOVE EXISTING VINYL COMPOSITION TILE (VCT) AND ADHESIVE.
- REMOVE EXISTING CONCRETE SLAB AS REQUIRED FOR EXISTING STRUCTURAL MEMBERS.
- REMOVE EXISTING CARPET AND BASE INCLUDING ADHESIVE.
- REMOVE EXISTING ALUMINUM OR HOLLOW METAL FRAME.

M & Q

- CLEAN UP ALL/(PORTION OF EXISTING CMU WALL.
- CLEAN UP ALL/(PORTION OF EXISTING CAST-IN-PLACE CONCRETE WALL.
- CLEAN UP ALL/(PORTION OF EXISTING ALT concrete slab for required items to be removed.
- CLEAN UP EXISTING VINYL COMPOSITION TILE (VCT) AND ADHESIVE.
- CLEAN UP EXISTING CONCRETE SLAB AS REQUIRED FOR EXISTING STRUCTURAL MEMBERS.
- CLEAN UP EXISTING CARPET AND BASE INCLUDING ADHESIVE.
- CLEAN UP EXISTING ALUMINUM OR HOLLOW METAL FRAME.

DEMO FLOOR PLAN - AREA B - LEVEL 1

KEY PLAN

SHEET KEYNOTE LEGEND

DA101B
GENERAL DEMOLITION NOTES

DEMOLITION NOTES

1. DEMOLITION WILL INCLUDE THE REMOVAL OF EXISTING DEVICES, EQUIPMENT, FIXTURES, AND FURNISHINGS EXCEPT AS NOTED.
2. REMOVAL OF ALL EXISTING Ceilings, Walls, Doors, Hardware, and Surfaces.
3. REMOVAL OF ALL EXISTING Piping, Ductwork, and Plumbing.
4. REMOVAL OF ALL EXISTING Electrical and Lighting Fixtures and Panels.
5. REMOVAL OF ALL EXISTING Mechanical Systems and Equipment.
6. REMOVAL OF ALL EXISTING Furniture and Fixtures.

FLOORS & BASE

1. REMOVE EXISTING CARPET AND HARDWOOD FLOORING
2. REMOVE EXISTING CONCRETE SLAB
3. REMOVE EXISTING EXISTING FIRE EXTINGUISHERS
4. REMOVE EXISTING PLUMBING FIXTURES
5. REMOVE EXISTING ELECTRICAL PANELS
6. REMOVE EXISTING MECHANICAL SYSTEMS
7. REMOVE EXISTING SUSPENSION SYSTEMS
8. REMOVE EXISTING FOLDING PARTITION DOORS
9. REMOVE EXISTING FLOORING AND BASEMENTS

WALLS

1. REMOVE EXISTING CONCRETE WALLS
2. REMOVE EXISTING CONCRETE COLUMNS
3. REMOVE EXISTING CONCRETE CEILINGS
4. REMOVE EXISTING CONCRETE FLOORING
5. REMOVE EXISTING CONCRETE BASEMENTS

CEILINGS

1. REMOVE EXISTING CONCRETE CEILINGS
2. REMOVE EXISTING CEILING PANELS
3. REMOVE EXISTING CEILING FRAMES

WIRING

1. REMOVE EXISTING ELECTRICAL WIRING
2. REMOVE EXISTING LIGHT FIXTURES
3. REMOVE EXISTING OUTLETS

LIGHTING

1. REMOVE EXISTING LIGHT FIXTURES
2. REMOVE EXISTING LIGHTING FIXTURES
3. REMOVE EXISTING LIGHTING PANELS

HEATING & COOLING

1. REMOVE EXISTING HEATING AND COOLING SYSTEMS
2. REMOVE EXISTING AIR CONDITIONING SYSTEMS
3. REMOVE EXISTING FURNACES

PLUMBING

1. REMOVE EXISTING PLUMBING FIXTURES AND FITTINGS
2. REMOVE EXISTING DRAINAGE SYSTEMS
3. REMOVE EXISTING WATER SUPPLIES

MECHANICAL

1. REMOVE EXISTING MECHANICAL SYSTEMS
2. REMOVE EXISTING VENTILATION SYSTEMS
3. REMOVE EXISTING AIR DUCTS

KEY PLAN

Phase 2 Scope of Work
(Not included in this Bid Package)
GENERAL DEMOLITION NOTES

1. DEMOLITION INCLUDED THE REMOVAL OF EXISTING CONSTRUCTION AS NOTED IN THE SHEET AND ALL RELATED HARDWARE.
2. ALL EXISTING STEEL CONSTRUCTION TO BE REMOVED, INCLUDING ALL FASTENERS AND HARDWARE.
3. ALL EXISTING GLASS PANELS TO BE REMOVED.
4. ALL EXISTING GLASS DOORS TO BE REMOVED.
5. ALL EXISTING GLASS WINDOW FRAMES TO BE REMOVED.
6. ALL EXISTING GLASS TILES TO BE REMOVED.
7. ALL EXISTING GLASS PANELS TO BE REMOVED.
8. ALL EXISTING GLASS DOORS TO BE REMOVED.
9. ALL EXISTING GLASS WINDOW FRAMES TO BE REMOVED.
10. ALL EXISTING GLASS TILES TO BE REMOVED.

DEMOLITION NOTES

FLOORS & BASE

- REMOVE EXISTING CEILING TILES AND RETAIN EXISTING SUSPENSION SYSTEM. EXISTING HANGER WIRE MAY BE REMOVED.
- REMOVE EXISTING GYPSUM BOARD CEILINGS AND RENEW SHORTSILA.
- REMOVE EXISTING SOFFITS AND ALL EXISTING FRAMING.
- REMOVE EXISTING LAY-IN ACOUSTICAL TILE AND SALVAGE FOR OWNER.
- REMOVE EXISTING MARKERBOARDS, CHALKBOARDS, AND DRY WALL TACKBOARDS/TACKWALL, SMARTBOARDS, INCLUDING ADHESIVE AND BRACKETS. SALVAGE WHEN NOTED FOR OWNERS.

WALLS

- REMOVE EXISTING ALUMINUM OR HOLLOW METAL FRAME AND ALL RELATED HARDWARE.
- REMOVE EXISTING SHEET METAL CURB AND ALL RELATED HARDWARE.
- REMOVE ALL EXISTING METAL STUD AND DUCTWORK WITH MEP DRAWINGS.
- REMOVE ALL EXISTING CMU WALL.
- REMOVE ALL EXISTING CMU/BRICK WALL.
- REMOVE ALL/PORTION OF EXISTING METAL STUD AND DUCTWORK WITH MEP DRAWINGS.
DEMOLITION GENERAL NOTES:

1. UNLESS NOTED OTHERWISE, SERVICES AND EQUIPMENT SHOWN FULL TONE AND DASHED ARE TO BE DEMOLISHED AND SERVICES AND EQUIPMENT SHOWN HALF TONE AND SOLID ARE TO REMAIN.

2. THE EXISTING CONDITIONS INDICATED ON THE DRAWINGS ARE TAKEN FROM THE BEST INFORMATION AVAILABLE AND FROM VISUAL SITE INSPECTION AND ARE NOT TO BE CONSTRUED AS "AS BUILT" CONDITIONS, THE INFORMATION IS SHOWN TO HELP ESTABLISH THE EXTENT OF THE NEW WORK, VERIFY ALL ACTUAL EXISTING CONDITIONS AT THE PROJECT SITE AND PERFORM WORK AS REQUIRED TO MEET THE EXISTING CONDITIONS AND THE EXTENT OF THE WORK INDICATED.

3. PATCH ROOFS, WALLS, AND CEILINGS WHERE ANY SERVICES ARE REMOVED UNLESS NOTED OTHERWISE.

4. DISCONNECT AND REMOVE ALL PIPING, WIRING, AND CONDUIT THAT BECOMES UNNECESSARY AS A RESULT OF THE REMOVAL OF EQUIPMENT INDICATED TO BE REMOVED. PROVIDE FOR THE CONTINUITY OF ALL REMAINING SERVICES SYSTEMS AND CIRCUITS.

5. WHERE MECHANICAL AND ELECTRICAL FIXTURES OR EQUIPMENT ARE REMOVED, CAP ALL UNUSED CONDUIT, WIRING, AND PIPING BEYOND THE FLOOR LINE OR WALL LINE AND PROVIDE RESTORATION OF FINISH.

6. RELOCATE AND RECONNECT ANY MECHANICAL AND ELECTRICAL FACILITIES THAT MUST BE RELOCATED IN ORDER TO ACCOMPLISH THE REMODELING SHOWN IN THE DRAWINGS, INDICATED IN THE SPECIFICATIONS, OR TO MEET NEC CODE REQUIRED CLEARANCES.

7. MAINTAIN CONTINUITY OF EXISTING SERVICES DURING CONSTRUCTION ACTIVITIES FOR ALL SPACES REMAINING IN USE BY THE OWNER.

PLAN NOTES:

1. DEMOLISH EXHUST FAN AND CURB. REFER TO ARCHITECTURAL FOR ROOF DECK PATCHING AND ROOF PATCHING.

2. DEMOLISH DRYER VENT. REFER TO ARCHITECTURAL FOR ROOF DECK PATCHING AND ROOF PATCHING.
DEMOLITION MECHANICAL AND ELECTRICAL ROOF Plan - Phase 2

DEMOLITION GENERAL NOTES:

1. UNLESS NOTED OTHERWISE, SERVICES AND EQUIPMENT SHOWN FULL TONE AND DASHED ARE TO BE DEMOLISHED AND SERVICES AND EQUIPMENT SHOWN HALF TONE AND SOLID ARE TO REMAIN.

2. THE EXISTING CONDITIONS INDICATED ON THE DRAWINGS ARE TAKEN FROM THE BEST INFORMATION AVAILABLE AND FROM VISUAL SITE INSPECTION AND ARE NOT TO BE CONSTRUED AS "AS BUILT" CONDITIONS, THE INFORMATION IS SHOWN TO HELP ESTABLISH THE EXTENT OF THE NEW WORK, VERIFY ALL ACTUAL EXISTING CONDITIONS AT THE PROJECT SITE AND PERFORM WORK AS REQUIRED TO MEET THE EXISTING CONDITIONS AND THE EXTENT OF THE WORK INDICATED.

3. PATCH ROOFS, WALLS, AND CEILINGS WHERE ANY SERVICES ARE REMOVED UNLESS NOTED OTHERWISE.

4. DISCONNECT AND REMOVE ALL PIPING, WIRING, AND CONDUIT THAT BECOMES UNNECESSARY AS A RESULT OF THE REMOVAL OF EQUIPMENT INDICATED TO BE REMOVED. PROVIDE FOR THE CONTINUITY OF ALL REMAINING SERVICES SYSTEMS AND CIRCUITS.

5. WHERE MECHANICAL AND ELECTRICAL FIXTURES OR EQUIPMENT ARE REMOVED, CAP ALL UNUSED CONDUIT, WIRING, AND PIPING BEYOND THE FLOOR LINE OR WALL LINE AND PROVIDE RESTORATION OF FINISH.

6. RELocate AND RECONNECT ANY MECHANICAL AND ELECTRICAL FACILITIES THAT MUST BE RELOCATED IN ORDER TO ACCOMPLISH THE REMODELING SHOWN IN THE DRAWINGS, INDICATED IN THE SPECIFICATIONS, OR TO MEET NEC CODE REQUIRED CLEARANCES.

7. MAINTAIN CONTINUITY OF EXISTING SERVICES DURING CONSTRUCTION ACTIVITIES FOR ALL SPACES REMAINING IN USE BY THE OWNER.

PLAN NOTES:

1. DEMOLISH EXHUST FAN AND CURB. REFER TO ARCHITECTURAL FOR ROOF DECK PATCHING AND ROOF PATCHING.

2. = Phase 2 Scope of Work (Not included in this Bid Package)

3. (Not included in this Bid Package)
DEMO item:

DEMOLISH ABANDONED KILN EXHAUST HOOD. PENTRATIONS THROUGH ROOF HAVE ALREADY BEEN REMOVED. KILN VENTING THROUGH WALL HAS ALREADY BEEN PROVIDED.

RELOCATE DEMOLISH RTU-4 ABOVE A8.

1. AREA A
   - FULL TONE AND DASHED ARE TO BE DEMOLISHED AND SERVICES AND EQUIPMENT SHOWN HALF TONE AND SOLID ARE TO REMAIN.
   - THE EXISTING CONDITIONS INDICATED ON THE DRAWINGS ARE TAKEN FROM THE BEST INFORMATION AVAILABLE AND FROM VISUAL SITE INSPECTION AND ARE NOT TO BE CONSTRUED AS "AS BUILT" CONDITIONS, THE INFORMATION IS SHOWN TO HELP ESTABLISH THE EXTENT OF THE NEW WORK, VERIFY ALL ACTUAL EXISTING CONDITIONS AT THE PROJECT SITE AND PERFORM WORK AS REQUIRED TO MEET THE EXISTING CONDITIONS AND THE EXTENT OF THE WORK INDICATED.

2. AREA E
   - PATCH ROOFS, WALLS, AND CEILINGS WHERE ANY SERVICES ARE REMOVED UNLESS NOTED OTHERWISE.
   - DISCONNECT AND REMOVE ALL PIPING, WIRING, AND CONDUIT THAT BECOMES UNNECESSARY AS A RESULT OF THE REMOVAL OF EQUIPMENT INDICATED TO BE REMOVED. PROVIDE FOR THE CONTINUITY OF ALL REMAINING SERVICES SYSTEMS AND CIRCUITS.
   - WHERE MECHANICAL AND ELECTRICAL FIXTURES OR EQUIPMENT ARE REMOVED, CAP ALL UNUSED CONDUIT, WIRING, AND PIPING BEYOND THE FACILITIES THAT MUST BE RELOCATED IN ORDER TO ACCOMPLISH THE REMODELING SHOWN IN THE DRAWINGS, INDICATED IN THE SPECIFICATIONS, OR TO MEET NEC CODE REQUIRED CLEARANCES.
   - MAINTAIN CONTINUITY OF EXISTING SERVICES DURING CONSTRUCTION ACTIVITIES FOR ALL SPACES REMAINING IN USE BY THE OWNER.

3. AREA B
   - DEMOLISH GENERAL NOTES:
   - UNLESS NOTED OTHERWISE, SERVICES AND EQUIPMENT SHOWN 1.

4. AREA D
   - FREEZE PLUMBING, DRAINAGE, AND HVAC SYSTEMS WHERE INDICATED AS REMOVED.
   - DISCONNECT AND REMOVE ALL PIPING, WIRING, AND CONDUIT THAT BECOMES UNNECESSARY AS A RESULT OF THE REMOVAL OF EQUIPMENT INDICATED TO BE REMOVED. PROVIDE FOR THE CONTINUITY OF ALL REMAINING SERVICES SYSTEMS AND CIRCUITS.

5. AREA C
   - FREEZE PLUMBING, DRAINAGE, AND HVAC SYSTEMS WHERE INDICATED AS REMOVED.
   - DISCONNECT AND REMOVE ALL PIPING, WIRING, AND CONDUIT THAT BECOMES UNNECESSARY AS A RESULT OF THE REMOVAL OF EQUIPMENT INDICATED TO BE REMOVED. PROVIDE FOR THE CONTINUITY OF ALL REMAINING SERVICES SYSTEMS AND CIRCUITS.

6. AREA G
   - FREEZE PLUMBING, DRAINAGE, AND HVAC SYSTEMS WHERE INDICATED AS REMOVED.
   - DISCONNECT AND REMOVE ALL PIPING, WIRING, AND CONDUIT THAT BECOMES UNNECESSARY AS A RESULT OF THE REMOVAL OF EQUIPMENT INDICATED TO BE REMOVED. PROVIDE FOR THE CONTINUITY OF ALL REMAINING SERVICES SYSTEMS AND CIRCUITS.

7. AREA H
   - FREEZE PLUMBING, DRAINAGE, AND HVAC SYSTEMS WHERE INDICATED AS REMOVED.
   - DISCONNECT AND REMOVE ALL PIPING, WIRING, AND CONDUIT THAT BECOMES UNNECESSARY AS A RESULT OF THE REMOVAL OF EQUIPMENT INDICATED TO BE REMOVED. PROVIDE FOR THE CONTINUITY OF ALL REMAINING SERVICES SYSTEMS AND CIRCUITS.

8. AREA I
   - FREEZE PLUMBING, DRAINAGE, AND HVAC SYSTEMS WHERE INDICATED AS REMOVED.
   - DISCONNECT AND REMOVE ALL PIPING, WIRING, AND CONDUIT THAT BECOMES UNNECESSARY AS A RESULT OF THE REMOVAL OF EQUIPMENT INDICATED TO BE REMOVED. PROVIDE FOR THE CONTINUITY OF ALL REMAINING SERVICES SYSTEMS AND CIRCUITS.

9. AREA J
   - FREEZE PLUMBING, DRAINAGE, AND HVAC SYSTEMS WHERE INDICATED AS REMOVED.
   - DISCONNECT AND REMOVE ALL PIPING, WIRING, AND CONDUIT THAT BECOMES UNNECESSARY AS A RESULT OF THE REMOVAL OF EQUIPMENT INDICATED TO BE REMOVED. PROVIDE FOR THE CONTINUITY OF ALL REMAINING SERVICES SYSTEMS AND CIRCUITS.

10. AREA K
    - FREEZE PLUMBING, DRAINAGE, AND HVAC SYSTEMS WHERE INDICATED AS REMOVED.
    - DISCONNECT AND REMOVE ALL PIPING, WIRING, AND CONDUIT THAT BECOMES UNNECESSARY AS A RESULT OF THE REMOVAL OF EQUIPMENT INDICATED TO BE REMOVED. PROVIDE FOR THE CONTINUITY OF ALL REMAINING SERVICES SYSTEMS AND CIRCUITS.

11. AREA L
    - FREEZE PLUMBING, DRAINAGE, AND HVAC SYSTEMS WHERE INDICATED AS REMOVED.
    - DISCONNECT AND REMOVE ALL PIPING, WIRING, AND CONDUIT THAT BECOMES UNNECESSARY AS A RESULT OF THE REMOVAL OF EQUIPMENT INDICATED TO BE REMOVED. PROVIDE FOR THE CONTINUITY OF ALL REMAINING SERVICES SYSTEMS AND CIRCUITS.

12. AREA M
    - FREEZE PLUMBING, DRAINAGE, AND HVAC SYSTEMS WHERE INDICATED AS REMOVED.
    - DISCONNECT AND REMOVE ALL PIPING, WIRING, AND CONDUIT THAT BECOMES UNNECESSARY AS A RESULT OF THE REMOVAL OF EQUIPMENT INDICATED TO BE REMOVED. PROVIDE FOR THE CONTINUITY OF ALL REMAINING SERVICES SYSTEMS AND CIRCUITS.

13. AREA N
    - FREEZE PLUMBING, DRAINAGE, AND HVAC SYSTEMS WHERE INDICATED AS REMOVED.
    - DISCONNECT AND REMOVE ALL PIPING, WIRING, AND CONDUIT THAT BECOMES UNNECESSARY AS A RESULT OF THE REMOVAL OF EQUIPMENT INDICATED TO BE REMOVED. PROVIDE FOR THE CONTINUITY OF ALL REMAINING SERVICES SYSTEMS AND CIRCUITS.

14. AREA O
    - FREEZE PLUMBING, DRAINAGE, AND HVAC SYSTEMS WHERE INDICATED AS REMOVED.
    - DISCONNECT AND REMOVE ALL PIPING, WIRING, AND CONDUIT THAT BECOMES UNNECESSARY AS A RESULT OF THE REMOVAL OF EQUIPMENT INDICATED TO BE REMOVED. PROVIDE FOR THE CONTINUITY OF ALL REMAINING SERVICES SYSTEMS AND CIRCUITS.

15. AREA P
    - FREEZE PLUMBING, DRAINAGE, AND HVAC SYSTEMS WHERE INDICATED AS REMOVED.
    - DISCONNECT AND REMOVE ALL PIPING, WIRING, AND CONDUIT THAT BECOMES UNNECESSARY AS A RESULT OF THE REMOVAL OF EQUIPMENT INDICATED TO BE REMOVED. PROVIDE FOR THE CONTINUITY OF ALL REMAINING SERVICES SYSTEMS AND CIRCUITS.

16. AREA Q
    - FREEZE PLUMBING, DRAINAGE, AND HVAC SYSTEMS WHERE INDICATED AS REMOVED.
    - DISCONNECT AND REMOVE ALL PIPING, WIRING, AND CONDUIT THAT BECOMES UNNECESSARY AS A RESULT OF THE REMOVAL OF EQUIPMENT INDICATED TO BE REMOVED. PROVIDE FOR THE CONTINUITY OF ALL REMAINING SERVICES SYSTEMS AND CIRCUITS.

17. AREA R
    - FREEZE PLUMBING, DRAINAGE, AND HVAC SYSTEMS WHERE INDICATED AS REMOVED.
    - DISCONNECT AND REMOVE ALL PIPING, WIRING, AND CONDUIT THAT BECOMES UNNECESSARY AS A RESULT OF THE REMOVAL OF EQUIPMENT INDICATED TO BE REMOVED. PROVIDE FOR THE CONTINUITY OF ALL REMAINING SERVICES SYSTEMS AND CIRCUITS.

18. AREA S
    - FREEZE PLUMBING, DRAINAGE, AND HVAC SYSTEMS WHERE INDICATED AS REMOVED.
    - DISCONNECT AND REMOVE ALL PIPING, WIRING, AND CONDUIT THAT BECOMES UNNECESSARY AS A RESULT OF THE REMOVAL OF EQUIPMENT INDICATED TO BE REMOVED. PROVIDE FOR THE CONTINUITY OF ALL REMAINING SERVICES SYSTEMS AND CIRCUITS.

19. AREA T
    - FREEZE PLUMBING, DRAINAGE, AND HVAC SYSTEMS WHERE INDICATED AS REMOVED.
    - DISCONNECT AND REMOVE ALL PIPING, WIRING, AND CONDUIT THAT BECOMES UNNECESSARY AS A RESULT OF THE REMOVAL OF EQUIPMENT INDICATED TO BE REMOVED. PROVIDE FOR THE CONTINUITY OF ALL REMAINING SERVICES SYSTEMS AND CIRCUITS.

20. AREA U
    - FREEZE PLUMBING, DRAINAGE, AND HVAC SYSTEMS WHERE INDICATED AS REMOVED.
    - DISCONNECT AND REMOVE ALL PIPING, WIRING, AND CONDUIT THAT BECOMES UNNECESSARY AS A RESULT OF THE REMOVAL OF EQUIPMENT INDICATED TO BE REMOVED. PROVIDE FOR THE CONTINUITY OF ALL REMAINING SERVICES SYSTEMS AND CIRCUITS.

21. AREA V
    - FREEZE PLUMBING, DRAINAGE, AND HVAC SYSTEMS WHERE INDICATED AS REMOVED.
    - DISCONNECT AND REMOVE ALL PIPING, WIRING, AND CONDUIT THAT BECOMES UNNECESSARY AS A RESULT OF THE REMOVAL OF EQUIPMENT INDICATED TO BE REMOVED. PROVIDE FOR THE CONTINUITY OF ALL REMAINING SERVICES SYSTEMS AND CIRCUITS.

22. AREA W
    - FREEZE PLUMBING, DRAINAGE, AND HVAC SYSTEMS WHERE INDICATED AS REMOVED.
    - DISCONNECT AND REMOVE ALL PIPING, WIRING, AND CONDUIT THAT BECOMES UNNECESSARY AS A RESULT OF THE REMOVAL OF EQUIPMENT INDICATED TO BE REMOVED. PROVIDE FOR THE CONTINUITY OF ALL REMAINING SERVICES SYSTEMS AND CIRCUITS.
DEMOLITION HVAC PLAN - AREA B - LEVEL 1

DEMOPTION GENERAL NOTES:

1. UNLESS NOTED OTHERWISE, SERVICES AND EQUIPMENT SHOWN FULL TONE AND DASHED ARE TO BE DEMOLISHED AND SERVICES AND EQUIPMENT SHOWN HALF TONE AND SOLID ARE TO REMAIN.

2. THE EXISTING CONDITIONS INDICATED ON THE DRAWINGS ARE TAKEN FROM THE BEST INFORMATION AVAILABLE AND FROM VISUAL SITE INSPECTION AND ARE NOT TO BE CONSTRUED AS "AS BUILT" CONDITIONS, THE INFORMATION IS SHOWN TO HELP ESTABLISH THE EXTENT OF THE NEW WORK, VERIFY ALL ACTUAL EXISTING CONDITIONS AT THE PROJECT SITE AND PERFORM WORK AS REQUIRED TO MEET THE EXISTING CONDITIONS AND THE EXTENT OF THE WORK INDICATED.

3. PATCH ROOFS, WALLS, AND CEILINGS WHERE ANY SERVICES ARE REMOVED UNLESS NOTED OTHERWISE.

4. DISCONNECT AND REMOVE ALL PIPING, WIRING, AND CONDUIT THAT BECOMES UNNECESSARY AS A RESULT OF THE REMOVAL OF EQUIPMENT INDICATED TO BE REMOVED. PROVIDE FOR THE CONTINUITY OF ALL REMAINING SERVICES SYSTEMS AND CIRCUITS.

5. WHERE MECHANICAL AND ELECTRICAL FIXTURES OR EQUIPMENT ARE REMOVED, CAP ALL UNUSED CONDUIT, WIRING, AND PIPING BEYOND THE FLOOR LINE OR WALL LINE AND PROVIDE RESTORATION OF FINISH.

6. RELOCATE AND RECONNECT ANY MECHANICAL AND ELECTRICAL FACILITIES THAT MUST BE RELOCATED IN ORDER TO ACCOMPLISH THE REMODELING SHOWN IN THE DRAWINGS, INDICATED IN THE SPECIFICATIONS, OR TO MEET NEC CODE REQUIRED CLEARANCES.

7. MAINTAIN CONTINUITY OF EXISTING SERVICES DURING CONSTRUCTION ACTIVITIES FOR ALL SPACES REMAINING IN USE BY THE OWNER.
DEMOLITION HVAC PLAN - AREA D - LEVEL 1

DM101D.2

- Phase 2 Scope of Work
   (Not included in this Bid Package)

LIBERTY PUBLIC SCHOOL DISTRICT
LIBERTY HIGH SCHOOL

A1

DEMOLITION GENERAL NOTES:

1. UNLESS NOTED OTHERWISE, SERVICES AND EQUIPMENT SHOWN FULL TONE AND DASHED ARE TO BE DEMOLISHED AND SERVICES AND EQUIPMENT SHOWN HALF TONE AND SOLID ARE TO REMAIN.

2. THE EXISTING CONDITIONS INDICATED ON THE DRAWINGS ARE TAKEN FROM THE BEST INFORMATION AVAILABLE AND FROM VISUAL SITE INSPECTION AND ARE NOT TO BE CONSTRUED AS "AS BUILT" CONDITIONS, THE INFORMATION IS SHOWN TO HELP ESTABLISH THE EXTENT OF THE NEW WORK, VERIFY ALL ACTUAL EXISTING CONDITIONS AT THE PROJECT SITE AND PERFORM WORK AS REQUIRED TO MEET THE EXISTING CONDITIONS AND THE EXTENT OF THE WORK INDICATED.

3. PATCH ROOFS, WALLS, AND CEILINGS WHERE ANY SERVICES ARE REMOVED UNLESS NOTED OTHERWISE.

4. DISCONNECT AND REMOVE ALL PIPING, WIRING, AND CONDUIT THAT BECOMES UNNECESSARY AS A RESULT OF THE REMOVAL OF EQUIPMENT INDICATED TO BE REMOVED. PROVIDE FOR THE CONTINUITY OF ALL REMAINING SERVICES SYSTEMS AND CIRCUITS.

5. WHERE MECHANICAL AND ELECTRICAL FIXTURES OR EQUIPMENT ARE REMOVED, CAP ALL UNUSED CONDUIT, WIRING, AND PIPING BEYOND THE FLOOR LINE OR WALL LINE AND PROVIDE RESTORATION OF FINISH.

6. RELOCATE AND RECONNECT ANY MECHANICAL AND ELECTRICAL FACILITIES THAT MUST BE RELOCATED IN ORDER TO ACCOMPLISH THE REMODELING SHOWN IN THE DRAWINGS, INDICATED IN THE SPECIFICATIONS, OR TO MEET NEC CODE REQUIRED CLEARANCES.

7. MAINTAIN CONTINUITY OF EXISTING SERVICES DURING CONSTRUCTION ACTIVITIES FOR ALL SPACES REMAINING IN USE BY THE OWNER.

8. Phase 2 Scope of Work
   (Not included in this Bid Package)
1. **Demolition HVAC Plan - Area H - First Floor - Phase 2**

2. **Demolition HVAC Plan - Area H.2 - First Floor - Phase 2**

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**DEMOPLATION GENERAL NOTES:**

- UNLESS NOTED OTHERWISE, SERVICES AND EQUIPMENT SHOWN FULL TONE AND DASHED ARE TO BE DEMOLISHED AND SERVICES AND EQUIPMENT SHOWN HALF TONE AND SOLID ARE TO REMAIN.
- THE EXISTING CONDITIONS INDICATED ON THE DRAWINGS ARE TAKEN FROM THE BEST INFORMATION AVAILABLE AND FROM VISUAL SITE INSPECTION AND ARE NOT TO BE CONSTRUED AS "AS BUILT" CONDITIONS, THE INFORMATION IS SHOWN TO HELP ESTABLISH THE EXTENT OF THE NEW WORK, VERIFY ALL ACTUAL EXISTING CONDITIONS AT THE PROJECT SITE AND PERFORM WORK AS REQUIRED TO MEET THE EXISTING CONDITIONS AND THE EXTENT OF THE WORK INDICATED.
- PATCH ROOFS, WALLS, AND CEILINGS WHERE ANY SERVICES ARE REMOVED UNLESS NOTED OTHERWISE.
- DISCONNECT AND REMOVE ALL PIPING, WIRING, AND CONDUIT THAT BECOMES UNNECESSARY AS A RESULT OF THE REMOVAL OF EQUIPMENT INDICATED TO BE REMOVED. PROVIDE FOR THE CONTINUITY OF ALL REMAINING SERVICES SYSTEMS AND CIRCUITS.
- WHERE MECHANICAL AND ELECTRICAL FIXTURES OR EQUIPMENT ARE REMOVED, CAP ALL UNUSED CONDUIT, WIRING, AND PIPING BEYOND THE FLOOR LINE OR WALL LINE AND PROVIDE RESTORATION OF FINISH.
- RELOCATE AND RECONNECT ANY MECHANICAL AND ELECTRICAL FACILITIES THAT MUST BE RELOCATED IN ORDER TO ACCOMPLISH THE REMODELING SHOWN IN THE DRAWINGS, INDICATED IN THE SPECIFICATIONS, OR TO MEET NEC CODE REQUIRED CLEARANCES.
- MAINTAIN CONTINUITY OF EXISTING SERVICES DURING CONSTRUCTION ACTIVITIES FOR ALL SPACES REMAINING IN USE BY THE OWNER.
DEMOLISH ALL FLOOR SINKS/DRAINS ASSOCIATED WITH OLD DISHWASHING LAYOUT.

The Professional Architects seal affixed to this sheet applies only to the material and items shown on this sheet. All drawings, instruments or other documents not exhibiting this seal shall not be considered prepared by this architect, and this architect expressly disclaims any and all responsibility for such plan, drawings, or documents not exhibiting this seal.

A1
Demolition Underslab Plumbing Plan - Area D - First Floor - Phase 2

DEMOLITION GENERAL NOTES:

1. UNLESS NOTED OTHERWISE, SERVICES AND EQUIPMENT SHOWN FULL TONE AND DASHED ARE TO BE DEMOLISHED AND SERVICES AND EQUIPMENT SHOWN HALF TONE AND SOLID ARE TO REMAIN.

2. THE EXISTING CONDITIONS INDICATED ON THE DRAWINGS ARE TAKEN FROM THE BEST INFORMATION AVAILABLE AND FROM VISUAL SITE INSPECTION AND ARE NOT TO BE CONSTRUED AS "AS BUILT" CONDITIONS, THE INFORMATION IS SHOWN TO HELP ESTABLISH THE EXTENT OF THE NEW WORK, VERIFY ALL ACTUAL EXISTING CONDITIONS AT THE PROJECT SITE AND PERFORM WORK AS REQUIRED TO MEET THE EXISTING CONDITIONS AND THE EXTENT OF THE WORK INDICATED.

3. PATCH ROOFS, WALLS, AND CEILINGS WHERE ANY SERVICES ARE REMOVED UNLESS NOTED OTHERWISE.

4. DISCONNECT AND REMOVE ALL PIPING, WIRING, AND CONDUIT THAT BECOMES UNNECESSARY AS A RESULT OF THE REMOVAL OF EQUIPMENT INDICATED TO BE REMOVED. PROVIDE FOR THE CONTINUITY OF ALL REMAINING SERVICES SYSTEMS AND CIRCUITS.

5. WHERE MECHANICAL AND ELECTRICAL FIXTURES OR EQUIPMENT ARE REMOVED, CAP ALL UNUSED CONDUIT, WIRING, AND PIPING BEYOND THE FLOOR LINE OR WALL LINE AND PROVIDE RESTORATION OF FINISH.

6. RELOCATE AND RECONNECT ANY MECHANICAL AND ELECTRICAL FACILITIES THAT MUST BE RELOCATED IN ORDER TO ACCOMPLISH THE REMODELING SHOWN IN THE DRAWINGS, INDICATED IN THE SPECIFICATIONS, OR TO MEET NEC CODE REQUIRED CLEARANCES.

7. MAINTAIN CONTINUITY OF EXISTING SERVICES DURING CONSTRUCTION ACTIVITIES FOR ALL SPACES REMAINING IN USE BY THE OWNER.

SHEET KEYNOTE LEGEND

A = Phase 2 Scope of Work (Not included in this Bid Package)
DEMOLISH SINK, WATER CLOSET, AND FLOOR DRAIN. DEMOLISH ALL PIPING UNLESS NOTED OTHERWISE.

DEMOLISH DRINKING FOUNTAIN. DEMOLISH ALL PIPING NOT REQUIRED FOR THE NEW SCOPE OF WORK.

DEMOLISH PLUMBING FOR WASHER. DEMOLISH ALL PIPING NOT REQUIRED FOR THE NEW SCOPE OF WORK.

DEMOLISH FLOOR DRAIN AND PATCH FLOOR FLUSH. DEMOLISH ALL PIPING NOT REQUIRED FOR THE NEW SCOPE OF WORK.

EXISTING NON-POTABLE CW AND HW SYSTEM USED TO SERVE PHOTO LAB / DARK ROOMS THAT NO LONGER EXIST. DEMOLISH EXISTING BACKFLOW PREVENTER FOR NON-POTABLE WATER SYSTEMS. DEMOLISH NON-POTABLE WATER HEATER. DEMOLISH ALL NON-POTABLE COLD AND HOT WATER PIPING. DEMOLISH ELECTRIC WATER HEATER. EXISTING CIRCULATION PUMP TO REMAIN. REFER TO NEW PLANS FOR INFORMATION ON NEW ELECTRIC WATER HEATER.

THERE WAS ONCE A DARK ROOM HERE.
DEMOLITION GENERAL NOTES:

UNLESS NOTED OTHERWISE, SERVICES AND EQUIPMENT SHOWN FULL TONE AND DASHED ARE TO BE DEMOLISHED AND SERVICES AND EQUIPMENT SHOWN HALF TONE AND SOLID ARE TO REMAIN.

THE EXISTING CONDITIONS INDICATED ON THE DRAWINGS ARE TAKEN FROM THE BEST INFORMATION AVAILABLE AND FROM VISUAL SITE INSPECTION AND ARE NOT TO BE CONSTRUED AS "AS BUILT" CONDITIONS, THE INFORMATION IS SHOWN TO HELP ESTABLISH THE EXTENT OF THE NEW WORK, VERIFY ALL ACTUAL EXISTING CONDITIONS AT THE PROJECT SITE AND PERFORM WORK AS REQUIRED TO MEET THE EXISTING CONDITIONS AND THE EXTENT OF THE WORK INDICATED.

PATCH ROOFS, WALLS, AND CEILINGS WHERE ANY SERVICES ARE REMOVED UNLESS NOTED OTHERWISE.

DISCONNECT AND REMOVE ALL PIPING, WIRING, AND CONDUIT THAT BECOMES UNNECESSARY AS A RESULT OF THE REMOVAL OF EQUIPMENT INDICATED TO BE REMOVED. PROVIDE FOR THE CONTINUITY OF ALL REMAINING SERVICES SYSTEMS AND CIRCUITS.

WHERE MECHANICAL AND ELECTRICAL FIXTURES OR EQUIPMENT ARE REMOVED, CAP ALL UNUSED CONDUIT, WIRING, AND PIPING BEYOND THE FLOOR LINE OR WALL LINE AND PROVIDE RESTORATION OF FINISH.

RELOCATE AND RECONNECT ANY MECHANICAL AND ELECTRICAL FACILITIES THAT MUST BE RELOCATED IN ORDER TO ACCOMPLISH THE REMODELING SHOWN IN THE DRAWINGS, INDICATED IN THE SPECIFICATIONS, OR TO MEET NEC CODE REQUIRED CLEARANCES.

MAINTAIN CONTINUITY OF EXISTING SERVICES DURING CONSTRUCTION ACTIVITIES FOR ALL SPACES REMAINING IN USE BY THE OWNER.

Phase 2 Scope of Work (Not included in this Bid Package)
DEMOLISH SANITARY PIPING
EXPOSED IN STORAGE ROOM FOR
FIXTURES BEING REMOVED ABOVE.

DEMOLISH ALL EXISTING
SAN, CW, HW, VENT
FROM ELECTRICAL
ROOM. DEMOLISH DRIP
TRAYS.

DEMOLISH ALL
EXISTING SAN, CW,
HW, VENT FROM
DEMOLISHED ISLAND
FIXTURES ABOVE.

SMITH & BUCHER INC.
MEP ENGINEERS
STATE CERTIFICATE OF AUTHORITY # EGC-0001787
25618 WEST 103RD STREET
OLATHE, KS 66061
913.345.2127 PHONE

MISSOURI STATE CERTIFICATE OF AUTHORITY
ARCHITECTURE # 0000161
HOLLIS + MILLER ARCHITECTS

LIBERTY PUBLIC SCHOOL DISTRICT
LIBERTY HIGH SCHOOL INTERIOR REMODEL
200 BLUE JAY DRIVE
LIBERTY, MISSOURI 64068
01.31.2024

CONSTRUCTION DOCUMENTS

A1 DEMOLITION PLUMBING PLAN - AREA Z - GROUND FLOOR - PHASE 1

1. UNLESS NOTED OTHERWISE, SERVICES AND EQUIPMENT SHOWN FULL TONE AND DASHED ARE TO BE DEMOLISHED AND SERVICES AND EQUIPMENT SHOWN HALF TONE AND SOLID ARE TO REMAIN.

2. THE EXISTING CONDITIONS INDICATED ON THE DRAWINGS ARE TAKEN FROM THE BEST INFORMATION AVAILABLE AND FROM VISUAL SITE INSPECTION AND ARE NOT TO BE CONSTRUED AS "AS BUILT" CONDITIONS, THE INFORMATION IS SHOWN TO HELP ESTABLISH THE EXTENT OF THE NEW WORK, VERIFY ALL ACTUAL EXISTING CONDITIONS AT THE PROJECT SITE AND PERFORM WORK AS REQUIRED TO MEET THE EXISTING CONDITIONS AND THE EXTENT OF THE WORK INDICATED.

3. PATCH ROOFS, WALLS, AND CEILINGS WHERE ANY SERVICES ARE REMOVED UNLESS NOTED OTHERWISE.

4. DISCONNECT AND REMOVE ALL PIPING, WIRING, AND CONDUIT THAT BECOMES UNNECESSARY AS A RESULT OF THE REMOVAL OF EQUIPMENT INDICATED TO BE REMOVED. PROVIDE FOR THE CONTINUITY OF ALL REMAINING SERVICES SYSTEMS AND CIRCUITS.

5. WHERE MECHANICAL AND ELECTRICAL FIXTURES OR EQUIPMENT ARE REMOVED, CAP ALL UNUSED CONDUIT, WIRING, AND PIPING BEYOND THE FLOOR LINE OR WALL LINE AND PROVIDE RESTORATION OF FINISH.

6. RELOCATE AND RECONNECT ANY MECHANICAL AND ELECTRICAL FACILITIES THAT MUST BE RELOCATED IN ORDER TO ACCOMPLISH THE REMODELING SHOWN IN THE DRAWINGS, INDICATED IN THE SPECIFICATIONS, OR TO MEET NEC CODE REQUIRED CLEARANCES.

7. MAINTAIN CONTINUITY OF EXISTING SERVICES DURING CONSTRUCTION ACTIVITIES FOR ALL SPACES REMAINING IN USE BY THE OWNER.
CONTRACTOR TO ONE FOR ONE REPLACE AND RECONNECT ALL EXISTING FLUORESCENT LIGHTING WITH LED THROUGHOUT THE BUILDING UNLESS SPECIFICALLY NOTED OTHERWISE. VERIFY EXACT LOCATIONS OF FIXTURES.

1. UNLESS NOTED OTHERWISE, SERVICES AND EQUIPMENT SHOWN FULL TONE ARE NEW WORK, HALF TONE ARE EXISTING TO REMAIN, AND FULL TONE AND DASHED ARE EXISTING TO BE DEMOLISHED.

2. THE EXISTING CONDITIONS INDICATED ON THE DRAWINGS ARE TO BE CONSTRUED AS "AS BUILT" CONDITIONS. THE INFORMATION IS SHOWN TO HELP ESTABLISH THE EXTENT OF THE NEW WORK. VERIFY ALL ACTUAL EXISTING CONDITIONS AT THE EXISTING CONDITIONS AND THE EXTENT OF THE WORK INDICATED.

3. TO RELOCATE AND RECONNECT ANY MECHANICAL EQUIPMENT AND SPECIFICATIONS OR TO MEET NEC CODE REQUIRED CLEARANCES.

4. ELECTRIC CONTRACTOR TO FURNISH AND INSTALL BLANK JUNCTION BOX COVERS ON ALL EXISTING JUNCTION BOXES WITHIN THE CONSTRUCTION AREA THAT ARE NOT BEING DEMOLISHED.

5. LIGHT FIXTURES AND CONTROLS WITHIN GREYED OUT ROOMS ARE TO REMAIN.

6. LIGHT FIXTURES AND CONTROLS & INTERIOR CIRCUIT OUT TAKEN UNLESS NOTED OTHERWISE. VERIFY AND RESTORE CONTINUITY OF ALL EXISTING CIRCUITRY INDICATED TO REMAIN IN USE. WHERE REMOVAL OF EXISTING WIRING INTERRUPTS ELECTRICAL CONTINUITY OF CIRCUITS WHICH ARE TO REMAIN, FURNISH AND INSTALL ALL REQUIRED CONTINUITY.

7. REMOVE ALL ASSOCIATED WIRE AND CONDUIT BACK TO THE POINT OF HOME RUN. RETAIN EACH ROOMS EXISTING CIRCUIT FOR REUSE IN NEW WORK.

8. REMOVE ALL LIGHTING FIXTURES, CONTROLS AND DEVICES UNLESS NOTED OTHERWISE. REMOVE ALL ASSOCIATED WIRE AND CONDUIT BACK TO THE POINT OF HOME RUN. RETAIN EACH ROOMS EXISTING FIXTURE TO BE REPLACED ONE FOR ONE. LIGHTING CONTROLS TO REMAIN.

9. REMOVE ALL ASSOCIATED WIRE AND CONDUIT BACK TO THE POINT OF HOME RUN. RETAIN EACH ROOMS EXISTING FIXTURE TO BE REPLACED ONE FOR ONE. LIGHTING CONTROLS TO REMAIN.

10. REMOVE ALL ASSOCIATED WIRE AND CONDUIT BACK TO THE POINT OF HOME RUN. RETAIN EACH ROOMS EXISTING FIXTURE TO BE REPLACED ONE FOR ONE. LIGHTING CONTROLS TO REMAIN.

11. REMOVE ALL ASSOCIATED WIRE AND CONDUIT BACK TO THE POINT OF HOME RUN. RETAIN EACH ROOMS EXISTING FIXTURE TO BE REPLACED ONE FOR ONE. LIGHTING CONTROLS TO REMAIN.

12. REMOVE ALL ASSOCIATED WIRE AND CONDUIT BACK TO THE POINT OF HOME RUN. RETAIN EACH ROOMS EXISTING FIXTURE TO BE REPLACED ONE FOR ONE. LIGHTING CONTROLS TO REMAIN.
CONTRACTOR TO ONE FOR ONE REPLACE AND RECONNECT ALL EXISTING FLUORESCENT LIGHTING WITH LED THROUGHOUT THE BUILDING UNLESS SPECIFICALLY NOTED OTHERWISE. RETAIN EACH ROOM’S EXISTING CIRCUIT FOR REUSE IN NEW WORK. EXISTING CIRCULAR LIGHTS TO BE REMOVED AND RETAINED FOR REINSTALLATION IN NEW WORK.

GENERAL NOTES:
1. REFER TO SHEET DE101A FOR ADDITIONAL INFORMATION.
2. CONTRACTOR TO ONE FOR ONE REPLACE AND RECONNECT ALL EXISTING FLUORESCENT LIGHTING WITH LED THROUGHOUT THE BUILDING UNLESS SPECIFICALLY NOTED OTHERWISE. FIELD VERIFY EXACT LOCATIONS OF FIXTURES.
CONTRACTOR TO ONE FOR ONE REPLACE AND RECONNECT ALL EXISTING FLUORESCENT LIGHTING WITH LED THROUGHOUT THE BUILDING UNLESS SPECIFICALLY NOTED OTHERWISE. FIELD VERIFY EXACT LOCATIONS OF FIXTURES.

1. GENERAL NOTES

GENERAL NOTES:

REFER TO SHEET DE101A FOR ADDITIONAL INFORMATION.

CONTRACTOR TO ONE FOR ONE REPLACE AND RECONNECT ALL EXISTING FLUORESCENT LIGHTING WITH LED THROUGHOUT THE BUILDING UNLESS SPECIFICALLY NOTED OTHERWISE. FIELD VERIFY EXACT LOCATIONS OF FIXTURES.
1. GENERAL NOTES
   REFER TO SHEET DE101A FOR ADDITIONAL INFORMATION.

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**Sheet Keynote Legend**

- **PAGE**: 1
- **DRAWN BY**: [Drawn By Name]
- **DATE**: [Date]
- **REVISIONS**: [Revisions]
- **CHECKED BY**: [Checked By Name]

**Job No:**

**Sheet Keynote Legend**

- **LIBERTY PUBLIC SCHOOL DISTRICT**
- **LIBERTY HIGH SCHOOL INTERIOR REMODEL**
- **PROJECT:**
- **ADDRESS**: 200 Blue Jay Drive
- **CITY**: Liberty
- **STATE**: Missouri
- **ZIP**: 64068
- **PHONE**: 816.531.4144
- **FAX**: 816.531.8572
- **PROJECT NUMBER**: 2314715

**Drawn By**: Smith & Boucher Inc.
**MEP Engineers**
**State Certificate of Authority # EGC-0001787**

**Address**: 25618 West 103rd Street
**City**: Olathe
**State**: Kansas
**ZIP**: 66061
**Phone**: 913.345.2127

**Missouri State Certificate of Authority**
**Architecture # 0000161**

**Job No:**

**Sheet Keynote Legend**

- **Liberty High School Interior Remodel**
- **200 Blue Jay Drive**
- **Liberty, Missouri 64068**

**Scale**: 1/8" = 1'-0"

**Note**: Please consider the environment before printing this.
CONTRACTOR TO ONE FOR ONE REPLACE AND RECONNECT ALL EXISTING FLUORESCENT LIGHTING WITH LED THROUGHOUT THE BUILDING UNLESS SPECIFICALLY NOTED OTHERWISE. FIELD VERIFY EXACT LOCATIONS OF FIXTURES.

**DEMOLITION GENERAL NOTES:**

1. **ALL LIGHT FIXTURES ARE TO BE REPLACED ONE FOR ONE IN EXISTING LOCATION UNLESS SPECIFICALLY NOTED OTHERWISE.**
2. **ALL EXISTING LIGHTING CONTROLS ARE TO REMAIN UNLESS NOTED OTHERWISE, SERVICES AND EQUIPMENT SHOWN FULL TONE ARE NEW WORK, HALF TONE ARE EXISTING TO REMAIN, AND FULL TONE AND DASHED ARE EXISTING TO BE DEMOLISHED.**
3. **THE EXISTING CONDITIONS INDICATED ON THE DRAWINGS ARE TAKEN FROM THE BEST INFORMATION AVAILABLE AND ARE NOT TO BE CONSTRUED AS "AS BUILT" CONDITIONS. THE INFORMATION IS SHOWN TO HELP ESTABLISH THE EXTENT OF THE NEW WORK. VERIFY ALL ACTUAL EXISTING CONDITIONS AT THE PROJECT SITE AND PERFORM WORK AS REQUIRED TO MEET THE EXISTING CONDITIONS AND THE EXTENT OF THE WORK INDICATED.**
4. **DISCONNECT AND REMOVE ALL CIRCUITRY, DISCONNECTS, CONTROLLERS AND CONDUIT THAT BECOMES UNNECESSARY AS A RESULT OF THE REMOVAL OF FIXTURES, DEVICES OR EQUIPMENT INDICATED TO BE REMOVED. LABEL ALL CIRCUIT BREAKERS IN EXISTING PANELBOARDS NO LONGER IN USE AS SPARE. CAP ALL UNUSED CONDUIT AND WIRING BEYOND THE FLOOR LINE OR WALL LINE TO FACILITATE RESTORATION OF FINISH.**
5. **VERIFY AND RESTORE CONTINUITY OF ALL EXISTING CIRCUITRY INDICATED TO REMAIN IN USE. WHERE REMOVAL OF EXISTING WIRING INTERRUPTS ELECTRICAL CONTINUITY OF CIRCUITS WHICH ARE TO REMAIN, FURNISH AND INSTALL ALL REQUIRED CIRCUITRY, CONDUIT, JUNCTION BOXES, ETC. TO INSURE CONTINUED ELECTRICAL CONTINUITY.**
6. **RELOCATE AND RECONNECT ANY MECHANICAL EQUIPMENT AND ANY ELECTRIC FIXTURES, DEVICES OR EQUIPMENT THAT MUST BE RELOCATED IN ORDER TO ACCOMPLISH THE REVISIONS INDICATED ON THE DRAWINGS OR INDICATED IN THE SPECIFICATIONS OR TO MEET NEC CODE REQUIRED CLEARANCES.**
7. **ELECTRIC CONTRACTOR TO FURNISH AND INSTALL BLANK JUNCTION BOX COVERS ON ALL EXISTING JUNCTION BOXES WITHIN THE CONSTRUCTION AREA THAT ARE NOT BEING DEMOLISHED.**
8. **LIGHT FIXTURES AND CONTROLS WITHIN GREYED OUT ROOMS ARE TO REMAIN.**
9. **ALL WORK SHOWN BOLD/DASHED LINES TO BE REMOVED. ALL WORK SHOWN WITH HALFTONE LINES ARE EXISTING TO REMAIN.**
CONTRACTOR TO ONE FOR ONE REPLACE AND RECONNECT ALL EXISTING FLUORESCENT LIGHTING WITH LED THROUGHOUT THE BUILDING UNLESS SPECIFICALLY NOTED OTHERWISE. FIELD VERIFY EXACT LOCATIONS OF FIXTURES.

GENERAL NOTES:
1. REFER TO SHEET DE101A FOR ADDITIONAL INFORMATION.

2. CONTRACTOR TO ONE FOR ONE REPLACE AND RECONNECT ALL EXISTING FLUORESCENT LIGHTING WITH LED THROUGHOUT THE BUILDING UNLESS SPECIFICALLY NOTED OTHERWISE. FIELD VERIFY EXACT LOCATIONS OF FIXTURES.

3. REFER TO SHEET DE101A FOR ADDITIONAL INFORMATION.

 Scale
 1/8" = 1'-0"
CONTRACTOR TO ONE FOR ONE REPLACE AND RECONNECT ALL EXISTING FLUORESCENT LIGHTING WITH LED THROUGHOUT THE BUILDING UNLESS SPECIFICALLY NOTED OTHERWISE. FIELD VERIFY EXACT LOCATIONS OF FIXTURES.
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1. GENERAL NOTES

REFER TO SHEET DE101A FOR ADDITIONAL INFORMATION.

CONTRACTOR TO ONE FOR ONE REPLACE AND RECONNECT ALL EXISTING FLUORESCENT LIGHTING WITH LED THROUGHOUT THE BUILDING UNLESS SPECIFICALLY NOTED OTHERWISE. FIELD VERIFY EXACT LOCATIONS OF FIXTURES.

PLAN NOTES:

REMOVE ALL LIGHTING FIXTURES, CONTROLS AND DEVICES.

REMOVE ALL ASSOCIATED WIRE AND CONDUIT BACK TO THE POINT OF HOME RUN. RETAIN EACH ROOM'S EXISTING CIRCUIT FOR REUSE IN NEW WORK.

REMOVE EXISTING LIGHTING CONTROLS IN THIS ROOM.

EXISTING WIRE AND CONDUIT TO BE RECONNECTED TO NEW LIGHTING CONTROLS IN NEW WORK.
CONTRACTOR TO ONE FOR ONE REPLACE AND RECONNECT ALL EXISTING FLUORESCENT LIGHTING WITH LED THROUGHOUT THE BUILDING UNLESS SPECIFICALLY NOTED OTHERWISE. FIELD VERIFY EXACT LOCATIONS OF Fixtures.
CONTRACTOR TO ONE FOR ONE REPLACE AND RECONNECT ALL EXISTING FLUORESCENT LIGHTING WITH LED THROUGHOUT THE BUILDING UNLESS SPECIFICALLY NOTED OTHERWISE. FIELD VERIFY EXACT LOCATIONS OF FIXTURES.

GENERAL NOTES:
1. REFER TO SHEET DE101A FOR ADDITIONAL INFORMATION.

PLAN NOTES:
EXISTING FIXTURES AND MOUNTING HARDWARE TO BE REMOVED. EXISTING CIRCUIT TO BE RETAINED. EXISTING LIGHT FIXTURES TO BE RELAMPED IN NEW WORK.

CONTRACTOR TO ONE FOR ONE REPLACE AND RECONNECT ALL EXISTING FLUORESCENT LIGHTING WITH LED THROUGHOUT THE BUILDING UNLESS SPECIFICALLY NOTED OTHERWISE. FIELD VERIFY EXACT LOCATIONS OF FIXTURES.
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GENERAL NOTES:
1. CONTRACTOR TO ONE FOR ONE REPLACE AND RECONNECT ALL EXISTING FLUORESCENT LIGHTING WITH LED THROUGHOUT THE BUILDING UNLESS SPECIFICALLY NOTED OTHERWISE. FIELD VERIFY EXACT LOCATIONS OF FIXTURES.
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CONTRACTOR TO ONE FOR ONE REPLACE AND RECONNECT ALL EXISTING FLUORESCENT LIGHTING WITH LED THROUGHOUT THE BUILDING UNLESS SPECIFICALLY NOTED OTHERWISE. FIELD VERIFY EXACT LOCATIONS OF FIXTURES.
THE EXISTING CONDITIONS INDICATED ON THE DRAWINGS FROM VISUAL SITE INSPECTION AND ARE NOT TO CONSTRUED AS "AS BUILT" CONDITIONS. THE INFORMATION VERIFY ALL ACTUAL EXISTING CONDITIONS AT THE PROJECT SITE AND PERFORM THE WORK AS REQUIRED TO MEET THE EXISTING CONDITIONS AND THE EXTENT OF THE WORK INDICATED.

1. DARK DASHED LINES INDICATE ELECTRICAL EQUIPMENT THAT SHALL BE REMOVED. LIGHT SOLID LINES REPRESENT EXISTING EQUIPMENT OR MATERIAL TO REMAIN, EXCEPT WHERE OTHERWISE NOTED.

2. ELECTRICAL CONTRACTOR TO REMOVE LIGHT FIXTURES AND EXISTING CIRCUITING BACK TO NEAREST AVAILABLE JUNCTION BOX AND RETAIN FOR EXTENSION TO NEW FIXTURES AND EXIT SIGNS FOR REINSTALLATION IN NEW AREAS.

3. FIRE ALARM CONTRACTOR TO FULLY REMOVE EXISTING FIRE DEVICES IN AREAS DENOTED BY DASHED LINE, REMOVE ALL DEVICES UNLESS NOTED OTHERWISE. REMOVE ALL ASSOCIATED WIRE AND CONDUIT BACK TO THE LAST DEVICE SCHEDULED TO EXISTING DEVICE TO REMAIN.

4. ELECTRICAL OBTAIN ACCESS TO REMOVE LIGHT FIXTURES AND EXISTING CIRCUITING TO MATCH EXISTING WHERE FLOORS AND WALLS ARE DEMOLISHED.

5. ELECTRICAL CONTRACTOR TO REMOVE ALL ELECTRICAL DEVICES FROM EXISTING WALLS TO BE DEMOLISHED. PROVIDE RE-WIRING AS REQUIRED TO MAINTAIN ELECTRICAL CONNECTIONS TO ADJACENT EXISTING DEVICES TO REMAIN.

6. ELECTRICAL CONTRACTOR TO REMOVE LIGHT FIXTURES AND EXISTING CIRCUITING BACK TO NEAREST AVAILABLE JUNCTION BOX AND RETAIN FOR EXTENSION TO NEW FIXTURES AND EXIT SIGNS FOR REINSTALLATION IN NEW AREAS.

7. PROVIDE BLANK WALL PLATES WHERE DEVICES HAVE BEEN REMOVED IN FINISH AREA. NEW WORK SHALL INCLUDE A OUTLETS, POKE THROUGH FITTINGS, AND CABLING BACK TO COMMUNICATIONS CLOSET WHERE NOTED. PATCH AND REPAIR ANY WALLS WHERE NEW DEVICES DO NOT REPLACE EXISTING. BLANK FACEPLATES ARE PROHIBITED.
1. The existing conditions indicated on the drawings are taken from the best information available and from visual site inspection and are not to be construed as "as built" conditions. The information is shown to help establish the extent of the work and site and perform the work as required to meet the indicated.

2. That shall be removed. Light solid lines represent where otherwise noted.

3. Disconnect and remove all cabling, wiring, and conduit that becomes unnecessary as a result of the removal of equipment indicated to be removed. Disconnect and remove all wiring back to junction box and retain for extension to new fixtures and exit signs for reinstallation in new locations.

4. Electrical contractor to remove all electrical devices from existing walls to be demolished. Provide replacement wiring as required to maintain electrical connections to adjacent existing floors and walls are demolished. Re: arch for patch detail.

5. Electrical contractor to remove, communications closet where noted. Patch and repair any walls where new devices do not replace existing. Blank faceplates are prohibited.

6. Fire alarm contractor to fully remove existing fire alarm system, associated devices, panels, and cabling. Remove all conduit where possible. Provide blank wall plates where devices have been removed in finish area. New work shall include a full building voice evacuation fire alarm system.

7. Fire alarm contractor to fully remove existing fire alarm system, associated devices, panels, and cabling. Remove all conduit where possible. Provide blank wall plates where devices have been removed in finish area. New work shall include a full building voice evacuation fire alarm system.

8. Electrical contractor to remove light fixtures and exit signs indicated on the drawings. Remove junction box and retain for extension to new fixtures and exit signs for reinstallation in new locations.

9. At the completion of the project contractor shall provide updated typewritten panel board registries for all panelboards utilized in this project.
PLAN NOTES:

1. REMOVE EXISTING RECEPTACLE. EXISTING CIRCUIT TO BE RETAINED FOR REUSE IN NEW WORK.

TYPICAL DEMOLITION GENERAL NOTES:

REFER TO SHEET DE201D.2 FOR PROJECT ELECTRICAL POWER DEMOLITION NOTES.

= Phase 2 Scope of Work
(Not included in this Bid Package)
1. REFER TO SHEET G000 FOR SHEET INDEX

2. DO NOT SCALE THIS DRAWING

3. ALL INTERIOR WALLS ARE WALL TYPE 13B UNLESS NOTED OTHERWISE.

4. ALL EXTERIOR WALLS ARE WALL TYPE EXISTING TO REMAIN UNLESS NOTED OTHERWISE.

5. INTERIOR DIMENSIONS ARE TO THE FOLLOWING, UNLESS NOTED OTHERWISE:
   - TO FACE OF STUD
   - TO FACE OF MASONRY UNIT
   - TO FACE OF DOOR AND WINDOW ROUGH OPENINGS

6. EXTERIOR DIMENSIONS ARE TO 1/4" COORDINATE LOCATIONS WHERE BACKING IS REQUIRED FOR WALL HUNG CASEWORK, MARKERBOARDS, WALL HUNG ACCESSORIES AND TECHNOLOGY.

7. COORDINATE WALL REPAIR AND INSTALLATION OF NEW DOORS AND WINDOWS WITH DEMOLITION SHEETS

8. COORDINATE FINISHES TO REMAIN WITH DEMOLITION SHEET

9. ALL MARKERBOARDS AND TV MONITORS TO BE OWNER PROVIDED OWNER INSTALLED.

10. RE: SHEET A401 FOR STANDARD PLUMBING FIXTURE & TOILET ACCESSORY MOUNTING HEIGHTS

11. ALL APPLIANCES TO BE OWNER PROVIDED CONTRACTOR INSTALLED UNLESS NOTED OTHERWISE. CONTRACTOR TO COORDINATE AND PROVIDE REQUIRED INSTALLATION ACCESSORIES.

12. PATCH, REPAIR & LEVEL FLOOR FOR NEW FINISH AS NEEDED FROM DEMOLITION. ALIGN AND BLEND NEW FLOORING AND BASE WHERE FLOORING IS MATCHING EXISTING.
1. REFER TO SHEET G000 FOR SHEET INDEX
2. DO NOT SCALE THIS DRAWING
3. ALL INTERIOR WALLS ARE WALL TYPE 13B UNLESS NOTED OTHERWISE.
4. ALL EXTERIOR WALLS ARE WALL TYPE EXISTING TO REMAIN UNLESS NOTED OTHERWISE.
5. INTERIOR DIMENSIONS ARE TO THE FOLLOWING UNLESS NOTED OTHERWISE:
   A. TO FACE OF STUD
   B. TO FACE OF MASONRY UNIT
   C. TO FACE OF DOOR AND WINDOW ROUGH OPENINGS
6. EXTERIOR DIMENSIONS ARE TO 1/4" COORDINATE LOCATIONS WHERE BACKING IS REQUIRED FOR WALL HUNG CASEWORK, MARKERBOARDS, WALL HUNG ACCESSORIES AND TECHNOLOGY
7. COORDINATE WALL REPAIR AND INSTALLATION OF NEW DOORS AND WINDOWS WITH DEMOLITION SHEETS
8. COORDINATE FINISHES TO REMAIN WITH DEMOLITION SHEET
9. ALL MARKERBOARDS AND TV MONITORS TO BE OWNER PROVIDED OWNER INSTALLED.
10. RE: SHEET A401 FOR STANDARD PLUMBING FIXTURE & TOILET ACCESSORY MOUNTING HEIGHTS
11. ALL APPLIANCES TO BE OWNER PROVIDED CONTRACTOR INSTALLED UNLESS NOTED OTHERWISE. CONTRACTOR TO COORDINATE AND PROVIDE REQUIRED INSTALLATION ACCESSORIES.
12. PATCH, FINISH LEVEL FLOOR AND BASEMENTS
   A. ALOOF AND BASEMENTS IN MATCHING EXISTING
   B. TRIM AND BASES TO BE INSTALLED ON FINISHED FLOOR.
Light Cove
M1

Sheet Material Finish Legend

Sheet Notes

1. REFER TO SHEET 6000 FOR M-B/T DETAILS.
2. REFER TO SHEET 6100 AND TECHNOLOGY SHEETS FOR SPECIFIC CEMENT BOARD AND SUBSTRATE USES.
3. FLOORING TO BE NO LESS THAN 2 1/2" SUBFLOOR PER CODE.
4. REMOVAL OF CEILING TILE TO ACCESS RECESSED LIGHTING
5. PROVIDE EDGES OF SHELF SHEET 8'" TALL TO BE INHERENTLY WEATHER RESISTANT.
6. PROVIDE AIR AND TIGHTEN UP WITH AT LEAST 4" SPACING BETWEEN THE LIGHT AND THE WALL TO BE ALLOWED PER MANUFACTURER.

Revised 2/1/24

208 Blue Jay Street
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4338 Belleview Ave.
Olathe, KS 66061
State Certificate of Authority # EGC-0001787
Architecture # 0000161
Hollis + Miller Architects

This seal is to be used for use in the field to indicate the report's completion.

This architect expressly disclaims any and all responsibility for such plan, drawings or documents not exhibiting this seal.
1. Refer to Sheet G000 for Sheet Index
2. Refer to MEP and Technology Sheets for specific ceiling mounted devices
3. Rooms noted with "X" replace 2' x 4' ceiling fixtures only. Act ceilings and gyp soffits etr uno. Repair gyp soffits and headers as needed for replacement of recessed can lights.
4. Provide new ceilings where demo shows them to be removed. Match existing ceiling heights. Raise heights when existing/new MEP equipment allows.
5. Patch, repair and touch up paint at soffits as needed where lighting is replaced. See MEP Sheet Material Finish Legend

**Classroom**
- B400a
- B400b
- X402
- X403
- X404
- X405
- X406
- X407
- X500
- X501
- X515

**Floor Levels**
- AFF8' - 6"
- AFF8' - 4"
- ETR

**Notes**
- BASE BID:
- CEILING ETR
- RE: A800S FOR ALTERNATE #2

**Construction Documents**
- Smith & Boucher Inc.
- MEP Engineers
- State Certificate of Authority # EGC-0001787
- 25618 West 103rd Street
- Olathe, KS 66061
- 913.345.2127 phone
- The Professional Architects seal affixed to this sheet applies only to the material and items shown on this sheet. All drawings, instruments or other documents not exhibiting this seal shall not be considered prepared by this architect, and this architect expressly disclaims any and all responsibility for such plan, drawings, or documents not exhibiting this seal.

**Material Legend**
- TOP CEILING
- PERF ACT DRML
- PERF ACT DRML

**Finish Legend**
- ACOUSTICAL BAFFLES
- OTS CEILING

**Project**
- Liberty High School Interior Remodel
- 200 Blue Jay Drive
- Liberty, Missouri 64068

**Dates**
- 01.31.2024

**References**
- Kevin E. Nelson
- Libby Public School District
- A121B
- A121B

**Scale**
- 1/8" = 1'-0"
1. REFER TO PLUMBING DRAWINGS FOR ROOF DRAIN DETAILS
2. REFER TO MECHANICAL DRAWINGS FOR ROOF MOUNTED EQUIPMENT AND CURBS
3. REFER TO PLUMBING DRAWINGS FOR EXPOSED GAS PIPING AND SUPPORTS

*NOTE: ROOF PLAN FOR REFERENCE ONLY. RE: MEP DRAWINGS FOR NEW WORK ON ROOF.

PATCH AND SEAL ROOFDECK FROM REMOVAL OF VENTS AND EXHAUST, CAP AS NEEDED. RE: MEP

NEW RTU LOCATION RE: MEP & STRUCTURE PROVIDE CURB. RTU UNIT TO BE 8" ABOVE THE ROOF ON ALL SIDES
Liberty High School Interior Remodel
23025 200 Blue Jay Drive
Liberty, Missouri 64068

CONSTRUCTION DOCUMENTS

Hollis + Miller Architects
913.345.2127 phone
25618 West 103rd Street
Olathe, KS 66061

Smith & Boucher Inc.
Architecture # 0000161
913.345.2127 phone
23025 200 Blue Jay Drive
Liberty, Missouri 64068

and this architect expressly disclaims any and all responsibility for such plan, drawings, or documents not exhibiting

KEVIN E. NELSON
Liberty Public School District
AL

1. REMOVE TO SHEET SIZE FOR SHEET INDEX
2. DO NOT SCALE THE DRAWING
3. REMOVE TO SIMPLIFY ELEVATIONS FOR PLACEMENT OF ALL WALL REINFORCED FRAMES
4. FULL MOUNTED FIRE PROVERBS, GRILLES AND OTHER MEP ITEMS PLEASE REFER TO INTERIOR ELEVATIONS, FOR PLACEMENT OF ALL

= Phase 2 Scope of Work
(Not included in this Bid Package)

(Not included in this Bid Package)

= Phase 2 Scope of Work
(Not included in this Bid Package)
TO DETERMINE IF REVIEW MOCK-UP BE PART OF BASE BID

REMOVE EXISTING FIRE LID FOR ACCESS TO NEW SUSPENSION SYSTEM FOR RE-INSTALLATION OF NEW REUSED FOR NEW SUSPENSION SYSTEM. EXISTING HANGER WIRE MAY BE REMOVE EXISTING GYPSUM BOARD CEILINGS AND REMOVE EXISTING LAY-IN ACOUSTICAL TILE AND SALVAGE FOR OWERN. REMOVE EXISTING CONCRETE CURBS OR ALTER FOR OWNER.

TACKBOARDS/TACKWALL, SMARTBOARDS, INCLUDING CABINETS AND UPPER CABINETS) AND ALL PLUMBING RELATED APPARATUS. REMOVE EXISTING DOOR AND ALL RELATED HARDWARE – DOOR AND ALL RELATED HARDWARE. REMOVE EXISTING ALUMINUM OR HOLLOW METAL FRAME, FRAMED GLAZING SYSTEM. REMOVE EXISTING ALUMINUM OR HOLLOW METAL REMOVAL/REROUTING OF CONDUIT, WIRING, SWITCHES REMOVAL WITH NEW CONSTRUCTION AND REMOVE ALL/PORTION OF EXISTING METAL STUD AND FIXTURES WITH MEP DRAWINGS. WIRING, SWITCHES, DUCTWORK, PLUMBING FOR NEW CONSTRUCTION AND REMOVAL/REROUTING OF CONDUIT, COORDINATE EXTENTS OF REMOVAL WITH NEW Wiring, Switches AND DUCTWORK. SALVAGE BRICK CONSTRUCTION AND REMOVAL/REROUTING OF CONDUIT, COORDINATE EXTENTS OF REMOVAL WITH NEW FOR INFILL.

CUT CONCRETE SLAB AS REQUIRED. PREP DEMO EXISTING FLOOR DRAINS, FLOOR BOXES, RE: MEP DRAWINGS. including setting bed to expose existing structural members. coordinate with MEP sheets.

REMOVE EXISTING CONCRETE SLAB AS REQUIRED FOR REMOVAL. DO NOT SAW CUT INTO EXISTING REMOVE EXISTING CONCRETE SLAB AS REQUIRED FOR REMOVE EXISTING SHEET VINYL / LVT AND BASE BASE INCLUDING ADHESIVE ADHESIVE.

REMOVE EXISTING CASEWORK (COUNTERTOP, BASE including cabinets and upper cabinets) AND ALL PLUMBING RELATED APPARATUS. REMOVE EXISTING DOOR AND ALL RELATED HARDWARE – DOOR AND ALL RELATED HARDWARE. REMOVE EXISTING ALUMINUM OR HOLLOW METAL FRAME, FRAMED GLAZING SYSTEM. REMOVE EXISTING ALUMINUM OR HOLLOW METAL REMOVAL/REROUTING OF CONDUIT, WIRING, SWITCHES REMOVAL WITH NEW CONSTRUCTION AND REMOVE ALL/PORTION OF EXISTING METAL STUD AND FIXTURES WITH MEP DRAWINGS. WIRING, SWITCHES, DUCTWORK, PLUMBING FOR NEW CONSTRUCTION AND REMOVAL/REROUTING OF CONDUIT, COORDINATE EXTENTS OF REMOVAL WITH NEW Wiring, Switches AND DUCTWORK. SALVAGE BRICK CONSTRUCTION AND REMOVAL/REROUTING OF CONDUIT, COORDINATE EXTENTS OF REMOVAL WITH NEW FOR INFILL.
GENERAL NOTES - STRUCTURAL

1. General Information
   A. All structural and non-structural elements are to be designed and detailed in accordance with the requirements of the American Concrete Institute (ACI) Building Code, ACI 318-05 "Code of Standard Practice for Structural Concrete Buildings," ASCE/SEI 7 "Minimum Design Loads for Buildings and Other Structures," and AISC 360-05 "Specification for Structural Steel Buildings." Concrete block shall be of the type and grade specified in the construction document package. All materials shall be in accordance with the requirements of the American Society for Testing and Materials (ASTM). Where types or grades are not specifically designated, the types or grades as described in the respective standards shall be used. The contractor shall ensure that all materials are approved by the owner's representative.

   B. All drawings in the structural set (S-11) are intended to be used as working drawings. For fabrication purposes, shop drawings shall be prepared by the contractor. Shop drawings shall be reviewed by the architect and any noted deficiencies shall be corrected before proceeding.

   C. Structural steel shall have a minimum yield of 50,000 psi. All reinforcing steel shall be hot-rolled deformed and have a minimum yield of 60,000 psi. All reinforcing steel shall be furnished in accordance with the requirements of the American Iron and Steel Institute (AISI). Steel Grade shall be in accordance with the designations specified in the construction document package.

   D. Cold-formed structural steel shall have a minimum yield of 41,000 psi and shall be in accordance with the requirements of the American Iron and Steel Institute (AISI). All cold-formed structural steel shall be erected and fastened in accordance with the American Iron and Steel Institute (AISI) Field Construction Manual.

2. Reinforcement Design:
   A. All structural steel shall be designed to meet the requirements of the American Institute of Steel Construction (AISC) Building Steel Design Specifications, AISC 360-05.
   B. All concrete block shall be reinforced per schedule and/or details on the drawings. Where types or grades are not specifically designated, the types or grades as described in the respective standards shall be used.

3. Concrete:
   A. All concrete shall be designed in accordance with the American Concrete Institute (ACI) Building Code.
   B. All concrete shall be proportioned to meet the requirements of the American Concrete Institute (ACI) Building Code. All concrete shall be specified and proportioned for the type of construction specified in the construction document package. The contractor shall ensure that all concrete is approved by the owner's representative.

4. Structural Steel:
   A. All structural steel shall be designed and detailed in accordance with the American Institute of Steel Construction (AISC) Building Steel Design Specifications, AISC 360-05.
   B. All structural steel framing shall be designed to meet the requirements of the American Institute of Steel Construction (AISC) Building Steel Design Specifications, AISC 360-05.

5. Fire Safety:
   A. All building elements shall be designed and detailed in accordance with the requirements of the International Building Code.
   B. All building elements shall be designed and detailed in accordance with the requirements of the National Fire Protection Association (NFPA) 101, Life Safety Code.

6. Foundation:
   A. All foundations shall be designed and detailed in accordance with the requirements of the American Concrete Institute (ACI) Building Code.
   B. All foundations shall be designed and detailed in accordance with the requirements of the International Building Code.

7. Foundations:
   A. All foundations shall be designed and detailed in accordance with the requirements of the American Concrete Institute (ACI) Building Code.
   B. All foundations shall be designed and detailed in accordance with the requirements of the International Building Code.

8. Concrete Masonry Units:
   A. All concrete masonry units shall be designed and detailed in accordance with the requirements of the American Concrete Institute (ACI) Building Code.
   B. All concrete masonry units shall be designed and detailed in accordance with the requirements of the International Building Code.

9. Gold Formed Steel Framing:
   A. All gold formed steel framing shall be designed and detailed in accordance with the requirements of the American Institute of Steel Construction (AISC) Building Steel Design Specifications, AISC 360-05.
   B. All gold formed steel framing shall be designed and detailed in accordance with the requirements of the International Building Code.

10. Shop Drawings and Details:
    A. All shop drawings and details shall be prepared by the contractor. All shop drawings and details shall be submitted to the owner, architect, and general contractor for review and approval before proceeding.
    B. All shop drawings and details shall be submitted to the owner, architect, and general contractor for review and approval before proceeding.

11. Statement of Structural Special Inspections:
    A. The project shall be subjected to special inspections in accordance with the requirements of the International Building Code.
    B. The project shall be subjected to special inspections in accordance with the requirements of the International Building Code.

12. Copyright:
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    B. Copyright © 1990 by the American Institute of Steel Construction. All rights reserved. No part of this publication may be reproduced in any form without written permission from the publisher.
RELOCATED EXISTING SWING/PUNCHING BAG SUPPORT STRUCTURE

REFER TO SECT. 3/S102A FOR SWING SUPPORT

(2) 1/2"Ø HILTI KWIK HUS SCREW ANCHORS W/ 3 1/2" EMBEDMENT 1/2"x6"x12" BASE PLATE POST PER PLAN 5/16"x3"x10" (LLV) BENT PLATE

EXISTING JOIST EXISTING ROOF DECK 5'-0" (F.V.)

EXISTING BRIDGING BEYOND L2x2x1/4 X - BRACE 3/16 EACH SIDE TYP. (2) 3/4" THRU - BOLTS FINGER TIGHTEN & SPOIL THREADS. PROVIDE STD HOLE IN TUBE & 13/16"x2 1/2" VERT. SLOTS IN BENT PLATES

EXISTING CONCRETE SLAB

EXISTING JOIST EXISTING JOIST EXISTING ROOF DECK 5'-0" (F.V.)

EXISTING BRIDGING BEYOND L2x2x1/4 X - BRACE 3/16 EACH SIDE TYP.

SWING ATTACHMENT BY OTHERS CEILING PER ARCH.

L3x3x1/4 4 S101A SWING SUPPORT DETAIL (PUNCHING BAG SUPPORT SIMILAR)

ANGLE REINF. PER SECT. 3/S102A

PLATE PER SECT. 3/S101A

L6x4x5/16 (LLV) SPANNING BETWEEN JOISTS LOCATED AT JOIST BOTTOM CHORD PANEL POINT

(2) #10 TEK SCREWS @ 16"o.c. 6", 16ga TRACK PIECE BOX BEAM HEADER PER PLAN & LEGEND (6) #10 TEK SCREWS TYPICAL LIGHT GAGE HEADER DETAIL CHECK SET

1/2" = 1'-0" 3/4" = 1'-0" 3/4" = 1'-0" 1/2" = 1'-0"

LIBERTY PUBLIC SCHOOL DISTRICT
LIBERTY HIGH SCHOOL INTERIOR REMODEL

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816.531.8572 FAX

1/29/2024 2:18:23 PM

Bob D. Campbell & Co.
Structural Engineer

State Certificate of Authority # 000442

MISSOURI STATE CERTIFICATE OF AUTHORITY ARCHITECTURE # 0000161

Hollis + Miller Architects

JOB NO:

Bob D. Campbell & Co.
Structural Engineer

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1/29/2024 2:18:23 PM

Smith & Boucher Inc.
MEP Engineers

State Certificate of Authority # EGC-0001787

25618 West 103rd Street
Olathe, KS 66061
913.345.2127 phone

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S101D.2

2 SECTION

3 SECTION

FOUNDATION PLAN

EMBEDMENT PER

1/29/2024 2:18:23 PM

SLAB PER SECT. 7/S200.2

TIE NEW SLAB TO EXISTING

COMPACTED GRANULAR FILL.

GENERAL NOTES ON 4"

REINF. W/ #4 @ 12"o.c. EACH

REPLACE EXISTING RAMP

S101D.2

1. PROVIDE PLATE WASHER & EMBEDDED PLATE PER SCHEDULE @ ALL ANCHOR BOLTS.

2. SEE PLAN FOR ORIENTATION OF COLUMNS.

NOTES:

1. MARK LENGTH WIDTH

2. TYPE

3. QUANTITY

Mark Length Width Type

1. 6x4 6'-0" 4'-0" 1'-3" Rebar : # 5 7

2. 4.5 4'-6" 4'-6" 1'-3" Rebar : # 4 9

SCALE... 1" = 4'-0" F.B.

ELEVATION

GRID

FOOTING

BASE PLATE (txBxN)

ANCHOR RODS

EMBEDMENT

12"

COLUMN SIM. TO SECTION

Screws Anchors W/ 3 1/2"

WITH (2) 1/2"Ø HILTI KWIK HUS

WASHER SIZE.

HOLE IN PLATE WASHER SHALL BE 1/16" LARGER THAN ANCHOR DIAMETER.

CIRCULAR OR SQUARE WASHERS MEETING THE WASHER SIZE ARE ACCEPTABLE.

ANCHOR DIAMETER.

COLUMN BASE PLATE AND

ANCHOR-ROD CRITERIA

3/4"x3 1/2"x3 1/2"

3/4"x3 1/2"x3 1/2"

5/8"x3 1/2"x3 1/2"

1/2"x2 1/2"x2 1/2"

1/2"x2 1/2"x2 1/2"

5/8"x3"x3"

3/4"x3 1/2"x3 1/2"

# Description Date

Liberty High School Interior Remodel

200 Blue Jay Drive Liberty, Missouri 64068

CHECKED BY:

DRAWN BY:

JOB NO:

Structural Engineer

Bob D. Campbell & Co.

913.345.2127 phone

25618 West 103rd Street

State Certificate of Authority # EGC

MEP Engineers

Smith & Boucher Inc.

Missouri State Certificate of Authority

Hollis + Miller Architects

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VERTICAL WALL CONTROL JOINT

MATERIAL PER LOW VOLUME CHANGE
DIM. PER PLAN

TYPICAL SLAB EDGE DETAIL AGAINST EXISTING
GEOTECH REPORT
MATERIAL PER LOW VOLUME CHANGE
DIM. PER PLAN

TYPICAL CONSTRUCTION JOINTS MAY BE FORMED PER
NOTE: ANY OR ALL SAW
5
1'-0"

SEALANT AT TOP.
COMPRESSIBLE MATERIAL &
1/2" ISOLATION JOINT. FILL w/
VERTICAL SURFACE
FACE OF EXISTING
3/4" = 1'-0"

2 - SLAB PER PLAN
DIM. PER PLAN
VAPOR BARRIER
SLAB PER PLAN

BUILDING SLAB &
EXISTING CONCRETE
CUT AT EDGE OF
PROVIDE NEAT SAW
1'-0"

TYPICAL AT NEW-TO-EXISTING SLAB ON GRADE
WALL REINFORCING
TYPICAL INTERSECTING CONCRETE
3/4" = 1'-0"

TYPICAL INTERSECTION REINFORCING
AT INTERSECTION WALLS & FOUNDATIONS

VERTICAL WALL CONTROL JOINT

4 VERTICAL WALL CONTROL JOINT

TYPICAL INTERIOR COLUMN FOOTING
3/4" = 1'-0"

FOUNDATION SECTIONS

G E N E R A L

BOB D. CAMPBELL & CO.

ARCHITECT/ENGINEER

25618 WEST 103RD STREET
TEXAS CITY, TX 77591

STATE CERTIFICATE OF AUTHORITY # 0000161

MISSOURI STATE CERTIFICATE OF AUTHORITY

HOLLIS + MILLER

ARCHITECT/ENGINEER/PLANNERS

208 BLUE AIR DRIVE
LIBERTY, MO 64068

STATE CERTIFICATE OF AUTHORITY # EGC

MEP ENGINEERS

SMITH & BOUCHER INC.

208 BLUE AIR DRIVE
LIBERTY, MO 64068

STATE CERTIFICATE OF AUTHORITY # 0001787

STRUCTURAL ENGINEER

HOLLIS + MILLER

208 BLUE AIR DRIVE
LIBERTY, MO 64068

STATE CERTIFICATE OF AUTHORITY # 000442

GREENSTREAK INC.

816.531.8572 Fax
816.531.4144 Phone

KANSAS CITY, MO 64111

4338 BELLVIEW AVE.

STATE CERTIFICATE OF AUTHORITY 

MEMORY PRINTING INC.

S200.2

Phase 2 Scope of Work
Renovations in the Bid

L I B E R T Y  S C H O O L  D I S T R I C T

208 BLUE AIR DRIVE
LIBERTY, MISSOURI 64068

LIBERTY HIGH SCHOOL INTERIOR RENOVATION

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this seal.
MECHANICAL AND ELECTRICAL ROOF PLAN

Liberty High School Interior Remodel
200 Blue Jay Drive
Liberty, Missouri 64068

MECHANICAL GENERAL NOTES:
COORDINATE ALL ROOF PENETRATIONS WITH STRUCTURAL ENGINEER.
COORDINATE ALL ROOF PENETRATIONS, FLASHING, AND ROOF WARRANTY
REQUIREMENTS WITH ARCHITECT, OWNER, AND ROOFING COMPANY.

1. [Details]
2. [Details]

ELECTRICAL PLAN NOTES:
CONTRACTOR TO POWER FACTORY INSTALLED DUPLEX RECEPTACLE ON
MAU-1.

 Encore Electrical Inc.
612 East 8th Street
Liberty, Missouri 64068
816.373.9010 Phone
816.891.3010 Fax

ME201
MECHANICAL AND ELECTRICAL ROOF Plan - Phase 2

MECHANICAL GENERAL NOTES:
COORDINATE ALL ROOF PENETRATIONS WITH STRUCTURAL ENGINEER.
COORDINATE ALL ROOF PENETRATIONS, FLASHING, AND ROOF WARRANTY REQUIREMENTS WITH ARCHITECT, OWNER, AND ROOFING COMPANY.
1. 
2. 

Phase 2 Scope of Work
(Not included in this Bid Package)

Smith & Boucher Inc.
MEP Engineers
State Certificate of Authority # EGC-0001787
25618 West 103rd Street
Olathe, KS 66061
913.345.2127 phone

Missouri State Certificate of Authority
Hollis + Miller Architects
 JOB NO:
SHEET KEYNOTE LEGEND
Liberty High School Interior Remodel
200 Blue Jay Drive
Liberty, Missouri 64068

Project number 2314715

1/30/2024 8:16:58 AM

project number 23025

Construction Documents

Scale
3/64" = 1'-0"
# Mechanical and Electrical Schedules

## Kitchen Hood

<table>
<thead>
<tr>
<th>Description</th>
<th>Model</th>
<th>Notes</th>
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<tbody>
<tr>
<td>Size</td>
<td>30 X 30</td>
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</tr>
<tr>
<td>Type</td>
<td>Gable</td>
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<tr>
<td>Hinge</td>
<td>Center</td>
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<tr>
<td>Control</td>
<td>Automatic</td>
<td></td>
</tr>
<tr>
<td>Material</td>
<td>Stainless Steel</td>
<td></td>
</tr>
<tr>
<td>Finish</td>
<td>Satin</td>
<td></td>
</tr>
<tr>
<td>Accessory</td>
<td>Fire Damper</td>
<td></td>
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## Ductwork Schedule

<table>
<thead>
<tr>
<th>Description</th>
<th>Model</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Material</td>
<td>Galvanized Steel</td>
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<tr>
<td>Finish</td>
<td>Painted</td>
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</tr>
<tr>
<td>Accessory</td>
<td>Fire Damper</td>
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</table>

## Grille, Register & Diffuser Schedule

<table>
<thead>
<tr>
<th>Description</th>
<th>Model</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Material</td>
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<tr>
<td>Accessory</td>
<td>Fire Damper</td>
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## Plumbing Fixtures Schedule

<table>
<thead>
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<th>Description</th>
<th>Model</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
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</tr>
<tr>
<td>Accessory</td>
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</tbody>
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## Fan Schedule

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<tr>
<th>Description</th>
<th>Model</th>
<th>Notes</th>
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</thead>
<tbody>
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<td>Material</td>
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<tr>
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<tr>
<td>Accessory</td>
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## Domestic Water Heater - Electric

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<th>Description</th>
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<tr>
<td>Accessory</td>
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Please consider the environment before printing this.
### Ductwork Schedule

<table>
<thead>
<tr>
<th>Description</th>
<th>Unit</th>
<th>Model</th>
<th>Manufacturer</th>
<th>Notes</th>
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</thead>
<tbody>
<tr>
<td>HVAC Ducts</td>
<td>m</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Air Ducts</td>
<td>m</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Vent Ducts</td>
<td>m</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Register & Diffuser Schedule

<table>
<thead>
<tr>
<th>Description</th>
<th>Unit</th>
<th>Model</th>
<th>Manufacturer</th>
</tr>
</thead>
<tbody>
<tr>
<td>HVAC Registers</td>
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<td></td>
</tr>
<tr>
<td>Air Registers</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Vent Registers</td>
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<td></td>
<td></td>
</tr>
</tbody>
</table>

### Plumbing Fixture Schedule

<table>
<thead>
<tr>
<th>Description</th>
<th>Unit</th>
<th>Manufacturer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fixtures</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fittings</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Pipe Insulation Schedule - Plumbing

<table>
<thead>
<tr>
<th>Description</th>
<th>Unit</th>
<th>Model</th>
<th>Manufacturer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pipes</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fittings</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Structural Engineer Information

- **Name:** Bob D Campbell
- **Certificate:** 000442
- **Address:** 4338 Bellview Ave, Kansas City, MO 64111
- **Phone:** 816.531.4144
- **Fax:** 816.531.8572

### MEP Engineer Information

- **Name:** Smith & Boucher
- **Certificate:** EG000178
- **Address:** 25618 W 103rd St, Olathe, KS 66061
- **Phone:** 913.345.2127
- **Fax:** 913.345.0617

---

Please consider the environment before printing this.
1. Coordinate equipment and ductwork with structure and all other trades.
2. Coordinate roof and wall openings with architect and structural engineer.
3. Provide manual volume damper in ductwork for every supply and exhaust diffuser/grille not scheduled to have an integral volume damper. Refer to diffuser/grille schedule.
4. Duct run-out to VAV box to match scheduled inlet size unless noted otherwise. Refer to VAV box schedule.
5. Final duct run-out size to diffuser to match diffuser neck size unless noted otherwise on plans. Refer to diffuser tags.

# Description Date

Phase 2 Scope of Work
(Not included in this Bid Package)
GENERAL NOTES:

1. Coordinate equipment and ductwork with structure and all other trades.
2. Coordinate roof and wall openings with architect and structural engineer.
3. Provide manual volume damper in ductwork for every supply and exhaust diffuser/grille not scheduled to have an integral volume damper. Refer to diffuser/grille schedule.
4. Duct run-out to VAV box to match schedule inlet size unless noted otherwise. Refer to VAV box schedule.
5. Final duct run-out size to diffuser to match diffuser neck size unless noted otherwise on plans. Refer to diffuser tags.
6. 22"x22" or 22"x12" RG-1 typical for lay-in ceiling return grilles unless noted otherwise.

# Description Date

SHEET KEYNOTE LEGEND

1. Phase 2 Scope of Work (Not included in this Bid Package)
GENERAL NOTES:
COORDINATE EQUIPMENT AND DUCTWORK WITH STRUCTURE AND ALL OTHER TRADES.

3.
EXHAUST DIFFUSER/GRILLE NOT SCHEDULED TO HAVE AN INTEGRAL VOLUME OTHERWISE. REFER TO VAV BOX SCHEDULE.

6.
UNLESS NOTED OTHERWISE ON PLANS. REFER TO DIFFUSER TAGS.

22"X22" or 22"x12" RG-1 TYPICAL FOR LAY-IN CEILING RETURN GRILLES UNLESS NOTED OTHERWISE.

Slope duct to drain

H&C

MAX. COUNTERTOP CUTOUT 72.75" X 24.75"

Exist...
General Notes:

1. Coordinate equipment and ductwork with structure and all other trades.

2. Coordinate roof and wall openings with architect and structural engineer.

3. Provide manual volume damper in ductwork for every supply and exhaust diffuser/grille not scheduled to have an integral volume damper. Refer to diffuser/grille schedule.

4. Duct run-out to VAV box to match schedule inlet size unless noted otherwise. Refer to VAV box schedule.

5. Final duct run-out size to diffuser to match diffuser neck size unless noted otherwise on plans. Refer to diffuser tags.

6. 22"x22" or 22"x12" RG-1 typical for lay-in ceiling return grilles unless noted otherwise.

Please consider the environment before printing this.
J9 HVAC Plan - Area G - First Floor - Alternate 2 - Phase 1

1. Coordinate equipment and ductwork with structure and all other trades.
2. Coordinate roof and wall openings with architect and structural engineer.
3. Provide manual volume damper in ductwork for every supply and exhaust diffuser/ grille not scheduled to have an integral volume damper. Refer to diffuser/grille schedule.
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6. 22"x22" or 22"x12" RG-1 typical for lay-in ceiling return grilles unless noted otherwise.

A9 Demolition HVAC Plan - First Floor - Area G Alternate 2 - Phase 1

Sheets referenced:
- PHASE 1:
  - HVAC Plan - Area G - First Floor - Alternate 2
  - Demolition HVAC Plan - First Floor - Area G Alternate 2

Other information:
- Smith & Boucher Inc.
- MEP Engineers
- State Certificate of Authority # EGC-0001787
- 25618 West 103rd Street
- Olathe, KS 66061
- 913.345.2127 phone

Missouri State Certificate of Authority
- Architecture # 0000161
- Hollis + Miller Architects

Bob D. Campbell & Co.
- Structural Engineer
- State Certificate of Authority # 000442
- 4338 Belleview Ave.
- Kansas City, MO 64111
- 816.531.4144 Phone
- 816.531.8572 Fax

Project number 2314715

Liberty Public School District
- Liberty High School Interior Remodel
- 200 Blue Jay Drive
- Liberty, Missouri 64068
- 01.31.2024
- Construction Documents

Drawn by:
- Smith & Boucher Inc.
- Date:
- Revisions:

CHECKED BY:
- Smith & Boucher Inc.
- MEP Engineers

Please consider the environment before printing this.
UNDERSLAB PLUMBING PLAN - AREA D - LEVEL 2

GENERAL NOTES:

1. REFER TO PLUMBING RISER DIAGRAM FOR ADDITIONAL ROUTING INFORMATION AND PIPE SIZING.
2. REFER TO PLUMBING FIXTURE SCHEDULE FOR ADDITIONAL INFORMATION AND FIXTURE CONNECTION SIZES.
3. SANITARY PIPING SHALL BE ROUTED AT A SLOPE OF 1/8" PER FOOT FOR 3" AND LARGER AND 1/4" PER FOOT FOR 2-1/2" AND SMALLER. GREASE PIPING SHALL BE ROUTED AT A SLOPE OF 1/4" PER FOOT FOR ALL SIZES. STORM DRAIN PIPING SHALL BE ROUTED AT A SLOPE OF 1/8" PER FOOT.
4. COORDINATE ROOF AND WALL OPENINGS WITH ARCHITECT AND STRUCTURAL ENGINEER.
5. COORDINATE ROUTING OF PLUMBING SYSTEM WITH STRUCTURE AND ALL OTHER TRADES. ROUTE PIPING THROUGH STRUCTURAL BEAM/JOIST SPACE WHERE POSSIBLE.
6. REFER TO ARCHITECTURAL PLANS AND ELEVATIONS FOR FIXTURE MOUNTING LOCATIONS AND HEIGHTS.

PLAN NOTES:

1. CONNECT TO EXISTING 4" GREASE WASTE LINE IN EXISTING KITCHEN THAT ROUTES TO GREASE INTERCEPTOR OUTSIDE. FIELD VERIFY EXACT CONNECTION LOCATION WITH EXISTING CONDITIONS.

DRAWN BY: DATE: REVISIONS:

CHECKED BY:

Smith & Boucher Inc.
MEP Engineers
State Certificate of Authority # EGC-0001787
25618 West 103rd Street
Olathe, KS 66061
913.345.2127 phone

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EXISTING SPRINKLERS IN D122 DINING TO REMAIN AS-IS.

GENERAL NOTES:
1. REFER TO PLUMBING RISER DIAGRAM FOR ADDITIONAL ROUTING INFORMATION AND PIPE SIZING.
2. REFER TO PLUMBING FIXTURE SCHEDULE FOR ADDITIONAL INFORMATION AND FIXTURE CONNECTION SIZES.
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7. COORDINATE ROUTING OF PLUMBING SYSTEM WITH STRUCTURE AND ALL OTHER TRADES. ROUTE PIPING THROUGH STRUCTURAL BEAM/JOIST SPACE WHERE POSSIBLE.
8. REFER TO ARCHITECTURAL PLANS AND ELEVATIONS FOR FIXTURE MOUNTING LOCATIONS AND HEIGHTS.

PLAN NOTES:
1. RE-ROUTE OR RAISE ALL FIRE PROTECTION AND PLUMBING PIPING TO ABOVE THE FIRE RATED LID TO ALLOW FOR RAISING OF CEILING. USE SIDEWALL SPRINKLER HEADS AS NEEDED FOR THIS AREA.
2. INSTALL CONCEALED HEAD SPRINKLERS.
GENERAL NOTES:

1. REFER TO PLUMBING RISER DIAGRAM FOR ADDITIONAL ROUTING INFORMATION AND PIPE SIZING.
2. REFER TO PLUMBING FIXTURE SCHEDULE FOR ADDITIONAL INFORMATION AND FIXTURE CONNECTION SIZES.
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5. COORDINATE ROUTING OF PLUMBING SYSTEM WITH STRUCTURE AND ALL OTHER TRADES. ROUTE PIPING THROUGH STRUCTURAL BEAM/JOIST SPACE WHERE POSSIBLE.
6. REFER TO ARCHITECTURAL PLANS AND ELEVATIONS FOR FIXTURE MOUNTING LOCATIONS AND HEIGHTS.

PLAN NOTES:

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6. REFER TO ARCHITECTURAL PLANS AND ELEVATIONS FOR FIXTURE MOUNTING LOCATIONS AND HEIGHTS.
GENERAL NOTES:
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2. COORDINATE ROUTING OF PLUMBING SYSTEM WITH STRUCTURE AND ALL LOCATIONS AND HEIGHTS.
3. WHERE POSSIBLE.
4. MAX. COUNTERTOP CUTOUT 48.75" X 24.75".
5. 20" SERVICE.
6. LOCATION OF THE FOLLOWING:
   a. WATER SERVICE
   b. GAS SERVICE
   c. ELECTRICAL SERVICES
   d. STRUCTURAL FOOTING
   e. FOOTING SLABS
   f. MECHANICAL AND ELECTRICAL SYSTEMS

Liberty High School Interior Remodel
Liberty Public School District
200 Blue Jay Drive
Olathe, KS 66061
816.531.4144 Phone
816.531.8572 Fax

MEP Engineers
State Certificate of Authority # EGC-000442
4338 Belleview Ave. Kansas City, MO 64111

Piper Products
Missouri State Certificate of Authority

Hollis + Miller Architects
State Certificate of Authority # EGC-0001787
200 Blue Jay Drive
Olathe, KS 66061
Refer to Kitchen Consultant's Sheet Keynote Legend

Refer to plumbing riser diagram for additional routing information and pipe sizing.

Refer to plumbing fixture schedule for additional information and fixture connection sizes.

Sanitary piping shall be routed at a slope of 1/8" per foot for 3" and larger and 1/4" per foot for 2-1/2" and smaller. Grease piping shall be routed at a slope of 1/4" per foot for all sizes. Storm drain piping shall be routed at a slope of 1/8" per foot.

Coordinate roof and wall openings with architect and structural engineer.

Coordinate routing of plumbing system with structure and all where possible.

Refer to architectural plans and elevations for fixture mounting locations and heights.

Plan Notes:
1-1/2" V UP

A13

Missouri State Certificate of Authority
5-ST
Buffet/Cafeteria, Flat Top

BY LEONARD.

- 0001787

25618 West 103rd Street

1-4

Provide double check backflow preventer on CW and HW water feeds.

Provide double check backflow preventer and pressure reducing valve on hot water feed to dishwasher. Coordinate required pressure with equipment provided. Drop down to low-level in kitchen and provide connections through wall to serve equipment and drain cooler provided by kitchen contractor. Discharge temperature to be 140 degrees maximum.

Provide double check backflow preventer and pressure reducing valve on cold water feed to steamer oven. Coordinate required pressure with equipment provided. Drop down to low-level in kitchen and provide connections through wall to serve equipment and drain cooler provided by kitchen contractor. Discharge temperature to be 140 degrees maximum.

Replace existing recessed sprinkler.

Piping shall be routed at a slope of 1/8" per foot.

Coordinate roof and wall openings with architect and structural engineer.

Coordinate routing of plumbing system with structure and all where possible.

Refer to architectural plans and elevations for fixture mounting locations and heights.

Plan Notes:
1-1/2" V UP

A13

Missouri State Certificate of Authority
5-ST
Buffet/Cafeteria, Flat Top

BY LEONARD.

- 0001787

25618 West 103rd Street

1-4

Provide double check backflow preventer on CW and HW water feeds.

Provide double check backflow preventer and pressure reducing valve on hot water feed to dishwasher. Coordinate required pressure with equipment provided. Drop down to low-level in kitchen and provide connections through wall to serve equipment and drain cooler provided by kitchen contractor. Discharge temperature to be 140 degrees maximum.

Provide double check backflow preventer and pressure reducing valve on cold water feed to steamer oven. Coordinate required pressure with equipment provided. Drop down to low-level in kitchen and provide connections through wall to serve equipment and drain cooler provided by kitchen contractor. Discharge temperature to be 140 degrees maximum.

Replace existing recessed sprinkler.

Piping shall be routed at a slope of 1/8" per foot.
GENERAL NOTES:
1. REFER TO PLUMBING RISER DIAGRAM FOR ADDITIONAL ROUTING INFORMATION AND PIPE SIZING.
2. REFER TO PLUMBING FIXTURE SCHEDULE FOR ADDITIONAL INFORMATION AND FIXTURE CONNECTION SIZES.
3. SANITARY PIPING SHALL BE ROUTED AT A SLOPE OF 1/8" PER FOOT FOR 3" AND LARGER AND 1/4" PER FOOT FOR 2-1/2" AND SMALLER. GREASE PIPING SHALL BE ROUTED AT A SLOPE OF 1/4" PER FOOT FOR ALL SIZES. STORM DRAIN PIPING SHALL BE ROUTED AT A SLOPE OF 1/8" PER FOOT.
4. COORDINATE ROOF AND WALL OPENINGS WITH ARCHITECT AND STRUCTURAL ENGINEER.
5. COORDINATE ROUTING OF PLUMBING SYSTEM WITH STRUCTURE AND ALL OTHER TRADES. ROUTE PIPING THROUGH STRUCTURAL BEAM/JOIST SPACE WHERE POSSIBLE.
6. REFER TO ARCHITECTURAL PLANS AND ELEVATIONS FOR FIXTURE MOUNTING LOCATIONS AND HEIGHTS.

Liberty High School Interior Remodel
200 Blue Jay Drive
Liberty, MO 64144

Early Birds
Bob D. Campbell & Co.
State Certificate of Authority # 000442
4338 Belleview Ave.
Kansas City, MO 64111
816.531.4144 Phone
816.531.8572 Fax

Smith & Boucher Inc.
MEP Engineers
State Certificate of Authority # EGC-0001787
25618 West 103rd Street
Olathe, KS 66061
913.345.2127 phone

Jason & Bennett Inc.
Construction Documents
7119 Younger Place
Kansas City, MO 64108
816.531.8572 Fax

Hollis + Miller Architects
Missouri State Certificate of Authority
S-4 (TYP 2)
Architecture # 0000161
4" SM COUPLING

Piping shall be routed at a slope of 1/8" per foot.
1. PACKS, WALL SWITCHES, ROOM CONTROLLERS, RELAY LIGHTING CONTROL REQUIREMENTS AND DESCRIPTIONS

SCHEDULE FOR ADDITIONAL INSTALLATION INFORMATION AND REQUIREMENTS. LIGHTING CONTROL CABLE SHALL BE

AREA A

CIRCUIT ALL BATTERIES PROVIDED WITH ANY LIGHT FIXTURE, OR STAND ALONE BATTERY POWERED EMERGENCY LIGHT FIXTURES, TO THE UNSWITCHED NORMAL POWER

REFER TO ARCHITECTURAL FLOOR PLANS AND REFLECTED LOCATION.

PROVIDE UPDATED TYPE WRITTEN PANEL BOARD PROJECT.

CONNECT TO EXISTING LIGHTING CIRCUIT RETAINED DURING DEMOLITION.

DOWNLIGHT TO BE PLACED IN EXISTING LIGHT FIXTURE PROVIDE NEW MOUNTING HARDWARE AND CHAIN.

CHECKED BY: 01.31.2024

Please consider the environment before printing this.
CONTRACTOR TO ONE FOR ONE REPLACE AND RECONNECT ALL EXISTING FLUORESCENT LIGHTING WITH LED THROUGHOUT THE BUILDING UNLESS SPECIFICALLY NOTED OTHERWISE. FIELD VERIFY EXACT LOCATIONS OF FIXTURES.

PLAN NOTES:
EXISTING CIRCULAR LIGHTS TO RETAINED DURING DEMOLITION 1 TO BE REINSTALLED IN THIS LOCATION. CONNECT LIGHT FIXTURES TO EXISTING CORRIDOR LIGHTING CIRCUIT AND CONTROLS.
CONTRACTOR TO ONE FOR ONE REPLACE AND RECONNECT ALL EXISTING FLUORESCENT LIGHTING WITH LED THROUGHOUT THE BUILDING UNLESS SPECIFICALLY NOTED OTHERWISE. FIELD VERIFY EXACT LOCATIONS OF FIXTURES.
1. Control wiring between occupancy sensors, power packs, wall switches, room controllers, relay lighting control requirements and descriptions.

2. Coordinate all light fixtures with mechanical equipment and ductwork prior to installation.

3. Refer to architectural floor plans and reflected ceiling plans for exact mounting locations of all light fixtures and wall mounted electrical devices. Locations shown on MEP sheet are diagramatic in location.

4. 120V branch circuiting shall be as follows to account for voltage drop, unless noted otherwise. Ground:

   - 100' = #12 AWG
   - 150' = #10 AWG
   - 250' = #8 AWG
   - 400' = #6 AWG

5. All services shown with half tone line weight are existing.

6. Diamond notes indicate lighting control scheme for each room. Refer to lighting control requirements & descriptions.

7. Connect to existing lighting circuit retained during demolition.

8. Sheet schedule for additional installation information.
CONTRACTOR TO ONE FOR ONE REPLACE AND RECONNECT ALL EXISTING FLUORESCENT LIGHTING WITH LED THROUGHOUT THE BUILDING UNLESS SPECIFICALLY NOTED OTHERWISE. FIELD VERIFY EXACT LOCATIONS OF FIXTURES.
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1. RECONNECT ALL EXISTING FLUORESCENT LIGHTING WITH LED THROUGHOUT THE BUILDING UNLESS SPECIFICALLY NOTED OTHERWISE.
2. CONNECT NEW LIGHTING CONTROLS INTO EXISTING LIGHTING CIRCUIT RETAINED DURING DEMOLITION.

CONNECT TO EXISTING LIGHTING CIRCUIT RETAINED DURING DEMOLITION.
CONTRACTOR TO ONE FOR ONE REPLACE AND RECONNECT ALL EXISTING FLUORESCENT LIGHTING WITH LED THROUGHOUT THE BUILDING UNLESS SPECIFICALLY NOTED OTHERWISE. FIELD VERIFY EXACT LOCATIONS OF FIXTURES.
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GENERAL NOTES:
1. REFER TO SHEET E101A FOR PROJECT LIGHTING PLAN NOTES.

PLAN NOTES:
- PROVIDE NEW MOUNTING HARDWARE AND CHAIN.
- RELAMP EXISTING INCANDESCENT FIXTURE WITH LED BULBS.

CONTRACTOR TO ONE FOR ONE REPLACE AND RECONNECT ALL EXISTING FLUORESCENT LIGHTING WITH LED THROUGHOUT THE BUILDING UNLESS SPECIFICALLY NOTED OTHERWISE. FIELD VERIFY EXACT LOCATIONS OF FIXTURES.

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GENERAL NOTES:
1. REFER TO SHEET E101A FOR PROJECT LIGHTING PLAN NOTES.

LIGHTING PLAN - AREA W - GROUND FLOOR - Phase 1
CONTRACTOR TO ONE FOR ONE REPLACE AND RECONNECT ALL EXISTING FLUORESCENT LIGHTING THROUGHOUT THE BUILDING UNLESS SPECIFICALLY NOTED OTHERWISE. FIELD VERIFY EXACT LOCATIONS OF FIXTURES.

GENERAL NOTES:

1. REFER TO SHEET E101A FOR PROJECT LIGHTING PLAN NOTES.

PROJECT NORTH 8' 1/8" = 1'-0"

LIGHTING PLAN - AREA X - GROUND FLOOR - Phase 1

Along with the diagram, there is a note stating, "Please consider the environment before printing this."
CONTRACTOR TO ONE FOR ONE REPLACE AND RECONNECT ALL EXISTING FLUORESCENT LIGHTING WITH LED THROUGHOUT THE BUILDING UNLESS SPECIFICALLY NOTED OTHERWISE. FIELD VERIFY EXACT LOCATIONS OF FIXTURES.
CONTRACTOR TO ONE FOR ONE REPLACE AND RECONNECT ALL EXISTING FLUORESCENT LIGHTING WITH LED THROUGHOUT THE BUILDING UNLESS SPECIFICALLY NOTED OTHERWISE. FIELD VERIFY EXACT LOCATIONS OF FIXTURES.

LIGHTING PLAN - AREA Z - GROUND FLOOR - Phase 1

GENERAL NOTES:
1. REFER TO SHEET E101A FOR PROJECT LIGHTING PLAN NOTES.

CONTRACTOR TO ONE FOR ONE REPLACE AND RECONNECT ALL EXISTING FLUORESCENT LIGHTING WITH LED THROUGHOUT THE BUILDING UNLESS SPECIFICALLY NOTED OTHERWISE. FIELD VERIFY EXACT LOCATIONS OF FIXTURES.
PLAN NOTES:

1. THE FOLLOWING APPLIES TO ALL ELECTRICAL AND LOW VOLTAGE CABLING TO BE ROUTED IN CONDUIT (INCLUDING BUT NOT LIMITED TO AUTOMATION, A/V, LIGHTING CONTROLS, ETC.). CONDUIT (TYP. 12)

2. WIREMOLD RAILS MOUNTED INSIDE CAMERA CHARGING TO THE CENTER OF THE JUNCTION BOX. REFER TO TYPICAL MOUNTING HEIGHT DETAIL FOR TYPICAL MOUNTING HEIGHTS.

3. ELEVATIONS FOR ADDITIONAL MOUNTING INFORMATION. REFER TO ARCHITECTURAL FLOOR PLANS AND REFLECTED CEILING PLANS FOR EXACT MOUNTING LOCATIONS OF ALL WALL MOUNTED OR EQUAL, WITH 3 DUPLEX RECEPTACLES. EACH 48" BUT NOT LIMITED TO LOBBIES, CONFERENCE ROOMS, BREAK ROOMS, OPEN OFFICES, LOCKER ROOMS, ETC.) ALL LOW VOLTAGE CABLING TO BE ROUTED IN CONDUIT (INCLUDING BUT NOT LIMITED TO AUTOMATION, A/V, LIGHTING CONTROLS, ETC.). CONDUIT (TYP. 12)

4. THE LOW VOLTAGE CABLE TRAY SYSTEM AND EQUIPMENT WITHIN DATA ROOMS. REFER TO LOW VOLTAGE DETAILS FOR MOUNTING LOCATIONS.

5. PROVIDE CEILING MOUNTED CORD REEL. REFER TO CORD REEL DETAILS ON SHEET E504.

6. GFI PROVIDE (1) 3/4" CONDUIT FROM ALL THERMOSTAT / DEVICES.

7. INSTALL A TOGGLE SWITCH DISCONNECT AT EACH DAMPER LOCATION.

8. PROVIDE SURFACE RACEWAY AS REQUIRED FOR PATHWAY FROM CABLING IS ROUTED, CONCEALED OR EXPOSED, SHALL BE FULLY COORDINATED AMONGST ALL MEMBERS, WALLS, SOFFITS, ETC. ALL GROUPS OF EXPOSED CABLING TO BE ROUTED THROUGH IT.

9. PROVIDE (1) 3/4" CONDUIT FROM ALL THERMOSTAT / DEVICES.

10. PROVIDE (1) 3/4" CONDUIT FROM ALL THERMOSTAT / DEVICES. REFER TO COMBINATION M/E SCHEDULES AND DETAILS FOR MECHANICAL AND PLUMBING EQUIPMENT CIRCUITING AND QUANTITY REQUIRED WITH HVAC PLANS/CONTRACTOR. INSTALL A TOGGLE SWITCH DISCONNECT AT EACH DAMPER LOCATION.
1. **GENERAL NOTES:**

   REFER TO SHEET E201A FOR ADDITIONAL INFORMATION.

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**PLAN NOTES:**

CONNECT TO EXISTING RECEPTACLE CIRCUIT RETAINED DURING DEMOLITION.
1. The following applies to all electrical and low voltage raceways.

2. Special mounting heights noted on plans are measured existing ADA push button and motorized door opener are non-functioning. Contractor to assess existing door controls.

3. Provide metallic Wiremold, LeGrand Series Plugmold 2000 or equal, for table top power. Provide power at 3' 0" O.C. 5 receptacles total. Mount above counter at 46" AFF.

4. Conductors are #12, and conduit is 1/2" unless noted otherwise or needed to increase for voltage drop.

5. Temperature sensors up to above accessible ceiling or CMU/concrete walls or structure will be exposed, provide surface raceway as required for pathway from devices to nearest accessible ceiling, or between opposite sides of a fire rated wall, and are within 24" of O.I.P. Install an intumescent moldable fire stop putty pad around each junction box.

6. No cable raceway shall be concealed where it runs through a space between floors or roof levels, including but not limited to lobbies, conference rooms, and break rooms. This requirement does not apply to back of house areas without ceilings (including but not limited to non-laboratory areas such as nurses' stations, laundry areas, or similar spaces).

7. All conduit to be concealed wherever physically possible. conduit shall extend from the stub-out above the ceiling elevation back to nearest accessible ceiling location or junction box, where a branch circuit is required.

8. Pathways to be installed for any cabling within walls. These pathways shall be accessible at both ends, and shall be designed to prevent the passage of air or drafts.

9. All conduit, boxes, and sleeves required for electrical and low voltage shall be installed by division 26 contractor. All sleeves and routing shall be installed by the electrical contractor.

10. Electrical and mechanical equipment shall be listed and labeled by Underwriters Laboratories Inc. (UL).

11. All electrical, mechanical, and plumbing equipment shall be listed and labeled by Underwriters Laboratories Inc. (UL).

12. Low voltage cable tray system and equipment within data rooms. Refer to low voltage details for additional information.

13. All/receptacles, thermostats, fire alarm, telecom devices, and automation system controls shall be installed by the electrical contractor.

14. All/relays and relay connections shall be provided with sleeves. Minimum size of 3/4", and increased as necessary based on the size and quantity of cabling to be routed through it.

15. All wall or floor openings through which free air is permitted to pass shall be provided with sleeves. Minimum size of 3/4", and increased as necessary based on the size and quantity of cabling to be routed through it.

16. All conduits, boxes, and sleeves required for electrical and low voltage shall be installed by division 26 contractor. All sleeves and routing shall be installed by the electrical contractor.

17. All electrical, mechanical, and plumbing equipment shall be listed and labeled by Underwriters Laboratories Inc. (UL).

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24. All conduits, boxes, and sleeves required for electrical and low voltage shall be installed by division 26 contractor. All sleeves and routing shall be installed by the electrical contractor.

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55. All wall or floor openings through which free air is permitted to pass shall be provided with sleeves. Minimum size of 3/4", and increased as necessary based on the size and quantity of cabling to be routed through it.
PLAN NOTES:
CIRCUIT TO PANEL 'PCG' AND PROVIDE 20A/1P CIRCUIT BREAKER FOR MICROWAVE.
PROVIDE METALLIC WIREMOLD, LEGRAND SERIES PLUGMOLD 2000 OR EQUAL, FOR TABLE TOP POWER. PROVIDE POWER AT 3'-0" O.C. 4 RECEPTACLES TOTAL. MOUNT ABOVE COUNTER AT 46" AFF.
CONNECT TO EXISTING RECEPTACLE CIRCUIT RETAINED DURING DEMOLITION. EXTEND/MODIFY CIRCUIT AS NECESSARY.
AREA OF REFUGE POWER AND DATA CONNECTION. COORDINATE EXACT REQUIREMENTS WITH SCHOOL DISTRICT.

GENERAL NOTES:
REFER TO SHEET E201d.2 FOR ADDITIONAL INFORMATION.

# Description Date
1. GENERAL NOTES: REFER TO SHEET E201d.2 FOR ADDITIONAL INFORMATION.
1. DEMOLITION PLAN NOTES:
EXISTING LIGHTING, LIGHTING CONTROLS, AND ASSOCIATED WIRE AND CONDUIT TO BE REMOVED BACK TO LIGHTING CIRCUIT HOME RUN JUNCTION BOX. EXISTING LIGHTING CIRCUIT TO BE RETAINED FOR REUSE IN NEW WORK.

1. DEMOLITION GENERAL NOTES:
REFER TO SHEET DE101A FOR ADDITIONAL INFORMATION.

GENERAL NOTES:
REFER TO SHEET E101A FOR ADDITIONAL INFORMATION.

PLAN NOTES:
CONNECT TO EXISTING LIGHTING CIRCUIT RETAINED DURING DEMOLITION.
**Light Fixture Schedule**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Amount</th>
<th>Light</th>
<th>Color</th>
<th>Manufacturer</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>GU10 recessed bulkhead fixture, thermal, 12V SMD dimming driver, field-selectable, 6W bulb, 4000K, 3000K</td>
<td>4</td>
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<tr>
<td>2</td>
<td>GU10 recessed bulkhead fixture, thermal, 12V SMD dimming driver, field-selectable, 6W bulb, 5000K, 6500K</td>
<td>4</td>
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<tr>
<td>3</td>
<td>GU10 recessed bulkhead fixture, thermal, 12V SMD dimming driver, field-selectable, 6W bulb, 3000K, 4000K</td>
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<tr>
<td>4</td>
<td>GU10 recessed bulkhead fixture, thermal, 12V SMD dimming driver, field-selectable, 6W bulb, 5000K, 6500K</td>
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**Replacement Light Fixture Schedule**

<table>
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<tr>
<th>Code</th>
<th>Description</th>
<th>Amount</th>
<th>Light</th>
<th>Color</th>
<th>Manufacturer</th>
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<tr>
<td>5</td>
<td>GU10 recessed bulkhead fixture, thermal, 12V SMD dimming driver, field-selectable, 6W bulb, 4000K, 3000K</td>
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<td>GU10 recessed bulkhead fixture, thermal, 12V SMD dimming driver, field-selectable, 6W bulb, 5000K, 6500K</td>
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<td>7</td>
<td>GU10 recessed bulkhead fixture, thermal, 12V SMD dimming driver, field-selectable, 6W bulb, 3000K, 4000K</td>
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<td>8</td>
<td>GU10 recessed bulkhead fixture, thermal, 12V SMD dimming driver, field-selectable, 6W bulb, 5000K, 6500K</td>
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Please consider the environment before printing this.
### PANEL PA SECTION 1 (ETR)

<table>
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<th>CIRCUIT DESCRIPTION</th>
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**Note:** Indicates equipment or circuit. Contractor to field verify existing loads prior to removing.

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### PANEL PA SECTION 2 (ETR)

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**Note:** Indicates equipment or circuit. Contractor to field verify existing loads prior to removing.

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### PANEL PA SECTION 3 (ETR)

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**Note:** Indicates equipment or circuit. Contractor to field verify existing loads prior to removing.
**Wall Mounted Devices, Mounting Heights**

- Control Contact in Wall Switch / Access Panel
- 45° Vertical Panel Mount / Access Panel
- Door Open Cover (for Access Panel)
- Vertical Panel Mount / Access Panel
- Horizontal Panel Mount / Access Panel

**Door Infrastructure - Storefront Doors**

- Door Swing in Door Opening
- Door Swing in Door Opening
- Door Swing in Door Opening
- Door Swing in Door Opening
- Door Swing in Door Opening

**Door Infrastructure - Double Door Detail**

- Door Open Cover (for Access Panel)
- Vertical Panel Mount / Access Panel
- Horizontal Panel Mount / Access Panel
- Vertical Panel Mount / Access Panel
- Horizontal Panel Mount / Access Panel

**Door Infrastructure - Single Door Detail**

- Door Open Cover (for Access Panel)
- Vertical Panel Mount / Access Panel
- Horizontal Panel Mount / Access Panel
- Vertical Panel Mount / Access Panel
- Horizontal Panel Mount / Access Panel

**Wiring Device Face Plates - Labeling**

- Typical Ambiance Lighting Data Outlet/Outlet
- Typical Ambiance Lighting Data Outlet/Outlet
- Typical Ambiance Lighting Data Outlet/Outlet

**Typical Telecomm Closet to Data Outlet Diagram**

- Typical Ambiance Lighting Data Outlet/Outlet
- Typical Ambiance Lighting Data Outlet/Outlet
- Typical Ambiance Lighting Data Outlet/Outlet

**Notes:**

1. Provide manual in panic cage. Cage placement with cord will be determined after work begins. Provide control requirements for panic switch.
2. Provide panic switch receptacle with switch to supply cord. Equipment cord.

**Please consider the environment before printing this.**
TYPICAL ELECTRICAL RACEWAY GENERAL NOTES:
1. REFER TO SHEET E201A FOR TYPICAL ELECTRICAL RACEWAY
   GENERAL NOTES APPLICABLE TO THE ENTIRE PROJECT.

TYPICAL FIRE ALARM GENERAL NOTES:
1. PREPARING SIGNED/SEALED SHOP DRAWINGS AND INSTALLING
   A DESIGN-BUILD FIRE ALARM SYSTEM FOR THE ENTIRE
   BUILDING BASED ON THE APPROXIMATE DEVICE LOCATIONS
   AND SCOPE COORDINATION SHOWN ON THESE PLANS. ACTUAL
   DEVICE TYPE, LOCATION, REFER TO PERFORMANCE
   SPECIFICATION SECTION 283111.
2. PLENUM RATED FIRE ALARM CABLING IS ALLOWED ONLY IN
   PAC ADDITION PLENUM AREAS ABOVE SUSPENDED CEILINGS.
3. SET CANDELA SETTINGS ON ALL STROBES PER THE
   REQUIREMENTS OF NFPA 72.
4. FURNISH AND INSTALL DUCT MOUNTED SMOKE DETECTORS AT
   EACH RTU RETURN AIR INLET AND FPVAV TERMINAL 2000 CFM
   AND ABOVE. PROVIDE ALL ASSOCIATED TRANSFORMERS,
   OPERATION. VERIFY LOCATIONS AND QUANTITIES WITH HVAC
   FLOOR PLANS AND EQUIPMENT SCHEDULES, AS WELL AS FIELD
   INVESTIGATION OF ALL EXISTING HVAC EQUIPMENT.

TYPICAL LOW VOLTAGE GENERAL NOTES:
1. INSTALL NYLON BUSHING AT THE END OF ALL LOW VOLTAGE
   CONDUITS AND SLEEVES.
2. ALL EMPTY LOW VOLTAGE CONDUITS TO BE INSTALLED WITH
   PULL STRINGS.
3. PROVIDE ONE (1) DATA DROP TO FIRE ALARM CONTROL PANEL,
   AND BAS CONTROLLER FROM. COORDINATE BAS CONTROLLER
   LOCATION WITH MECHANICAL CONTRACTOR PRIOR TO PULLING
   OF CABLE. MAKE ALL CONNECTIONS TO EACH DEVICE AS
   DIRECTED BY MANUFACTURER.
4. REFER TO "TELECOMMUNICATION DEVICE SCHEDULE"
   CABLING REQUIREMENTS OF ALL SYMBOLS SHOWN.
5. REFER TO ALL LOW VOLTAGE SPECIFICATIONS FOR ADDITIONAL
   INFORMATION REGARDING LOW VOLTAGE SCOPE.

Early Birds B401
Liberty High School Interior Remodel
Liberty Public School District
200 Blue Jay Drive
Liberty, MO 64061

REVISIONS:
# Description Date

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Thank you for considering the environment before printing this document.
KEY PLAN

LOW VOLTAGE PLAN - AREA Z - GROUND FLOOR

TYPICAL ELECTRICAL RACEWAY

GENERAL NOTES:
1. REFER TO SHEET E201A FOR TYPICAL ELECTRICAL RACEWAY
   GENERAL NOTES APPLICABLE TO THE ENTIRE PROJECT.

TYPICAL FIRE ALARM

GENERAL NOTES:
1. REFER TO SHEET LV100 FOR TYPICAL FIRE ALARM GENERAL
   NOTES APPLICABLE FOR THE ENTIRE PROJECT.

TYPICAL LOW VOLTAGE

GENERAL NOTES:
1. REFER TO SHEET LV100 FOR TYPICAL LOW VOLTAGE GENERAL
   NOTES APPLICABLE FOR THE ENTIRE PROJECT.
2. ALL LOW VOLTAGE CABLING FOR AREAS A, E AND BASEMENT
   AREA Z TO BE TERMINATED IN IDF - REFER TO SHEET LV100
   FOR DATA CLOSET LOCATION.

PLAN NOTES:
1. ALL EXISTING LOW VOLTAGE CABLING SERVING BASEMENT
   AREA Z SHALL BE DISCONNECTED FROM EXISTING RACK IN
   IDF - REFER TO SHEET LV100 FOR DATA CLOSET LOCATION.
2. PLAN NORTH TRUE

SCALE: 1/8" = 1'-0"
### ELECTRIC EQUIPMENT CONNECTION SCHEDULE

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### WATER / WASTE EQUIPMENT CONNECTION SCHEDULE

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### HOOD / EXHAUST EQUIPMENT CONNECTION SCHEDULE

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### GAS EQUIPMENT CONNECTION SCHEDULE

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