EXISTING BUILDING
32,088 sq ft

KEYED NOTES:

<table>
<thead>
<tr>
<th>NO.</th>
<th>DATE</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Existing concrete ramp</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Existing concrete walk</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Existing concrete stair</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Existing concrete pad/vault</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Existing steel pipe railing/guardrail - prepare and paint</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Electrical gear/equipment - re: electrical</td>
</tr>
<tr>
<td></td>
<td></td>
<td>RMP transformer pad/vault - re: electrical. Provide trenching and conduit as per electrical drawings. Actual route to be determined with RMP.</td>
</tr>
</tbody>
</table>
T. Carefully cut and remove existing acoustical ceiling tile over gypsum plaster ceiling at location of new mechanical system.

Remove existing acoustical ceiling tile over gypsum plaster ceiling system. Protect existing adjacent plaster wall from damage.

J. Reference demolition information for existing conditions.

I. Provide temporary bracing and shoring as required for removal of existing walls.

G. Except for items indicated to be reused, salvaged, reinstalled, or otherwise indicated to remain, remove demolished materials from site.

F. Protect existing construction indicated to remain during the process of demolition. All existing interior finishes, materials, fixtures - re: electrical, and mechanical systems identified to be removed from site shall be brought to the attention of the Architect prior to bid.

E. Demolish and remove existing construction only to the extent required by new construction and as indicated. Use methods approved by the Architect.

D. All bearing walls and columns to remain, unless indicated otherwise. Contractor shall field verify these conditions prior to beginning demolition work.

C. The Contractor shall take necessary measurements and existing conditions including existing utilities prior to bidding as defined, or not.

B. Prior to beginning demolition work the Contractor shall coordinate with the Owner on items that shall be demolished, remain or be salvaged. Contractor shall be responsible for ensuring that the work to be demolished is properly marked and described as shown on the demolition plans.

A. All noted materials are new, unless indicated otherwise.

R. Owner shall remove all existing carpeting, vinyl floor throughout the building prior to construction start.

Q. Salvage all attic insulation located above demolished ceilings (where occurs) and reinstall after completion of new ceiling work.

P. Patch and level existing concrete slabs with floor leveling compound as required for new floor finish.

O. Contractors shall install wood基层 to match existing adjacent materials as the case requires.

N. Contractors shall install cutout for acoustical tile cuts at joint locations where possible. Protect existing acoustical tile to remain from damage. Coordinate acoustical tile cuts at joint locations with mechanical. Salvage existing attic insulation (where occurs) and replace after completion of ceiling work.

M. Contractors shall remove all existing restroom accessories (i.e. dispensers, mirrors, etc.) from existing restrooms prior to construction start.

S. Contractors shall remove all existing wall mounted artwork, display boards, clocks, speakers, etc. from walls prior to construction start.
**GENERAL DEMOLITION NOTES:**

A. The Contractor shall field verify all dimensions and existing conditions including existing utilities prior to bidding as the locations shown in the construction documents are approximate. All variances not shown in the construction documents shall be brought to the attention of the Architect prior to bidding.

B. Prior to beginning demolition work the Contractor shall coordinate with the Owner on items that shall be demolished, remain or be salvaged.

C. All bearing walls and columns to remain, unless indicated otherwise. Contractor shall field verify these conditions prior to demolition.

D. Demolish and remove existing construction only to the extent required by new construction and as indicated. Use methods required to complete the work within the limitations of governing regulations and as indicated.

E. Provide miscellaneous demolition required for new construction, whether specifically defined, or not.

F. Protect existing construction indicated to remain during the process of demolition. All existing interior finishes, materials, structure, systems, landscaping, site features, etc. not identified to be demolished that are damaged during construction shall be restored to their original condition or replaced to match at the Contractor's expense.

G. Except for items indicated to be reused, salvaged, reinstalled, or otherwise indicated to remain, remove demolished materials from project site and legally recycle or dispose of them in an EPA approved landfill.

H. Reference engineering sheets for additional demolition requirements.

I. Provide temporary bracing and shoring as required for removal of existing walls.

J. Reference demolition reflected ceiling plans for ceiling demolition requirements not shown on this sheet.

K. Where a wall is removed, cut back plaster/gypsum board to adjoining wall and ceiling surfaces and patch as required for smooth and even finish.

L. All existing finished surfaces damaged due to work under this contract shall be patched & finished to match existing adjacent surfaces.

M. All noted materials are new, unless indicated otherwise.

N. Contractor shall install flexboard over all floor material to remain to protect surfaces from construction debris and demolition work. 45 mil. minimum thickness. Tape all joints. Clean carpet if necessary at completion of construction.

O. Patch and level existing concrete floor slabs as required for new finishes with floor leveling compound as approved by the Architect.

P. Contractor shall remove ALL existing wall door stops in building.

Q. Salvage all attic insulation located above demolished ceilings (where occurs) and reinstall after completion of new ceiling work.

R. Owner shall remove all existing carpeting, vinyl flooring and wall base throughout the building prior to construction start.

S. Owner shall remove all existing wall mounted artwork, display boards, clocks, speakers, etc. from walls prior to construction start.

T. Owner shall remove all existing restroom accessories (i.e. dispensers, mirrors, etc.) from existing restrooms prior to construction start.

**EXTERIORS:**

- Existing ceiling system to remain.
New ceiling mounted concentric supply and return diffuser in existing acoustical tile ceiling - re: mechanical.
Protect existing plaster/gypsum board ceiling adjacent to diffuser from damage. Patch and repair existing plaster/gypsum board ceiling as required using attic stock from Owner.

New ceiling mounted exhaust fan in existing plaster/gypsum board ceiling - re: mechanical.
Protect existing acoustical tile adjacent to diffuser from damage. Patch and repair existing acoustical tile as required using attic stock from Owner.

New ceiling mounted heat pump/cooling cassette - re: mechanical.

Patch and repair existing plaster/gypsum board ceiling as required - paint.

Q. Suspended ceiling grids shall be configured such that no less than one-half a border tile exists adjacent to any wall.

R. Replace all attic insulation that is removed/damaged due to mechanical work that is completed in attic space above ceilings.

S. Exposed attic wall insulation to be finished with white, non-yellowing, acrylic-based paint. Ceilings to be finished with a look-through finish material.

T. Ceiling heights indicated are the elevation of the bottom of the ceiling from the top of the concrete floor to the ceiling plane.

U. All type "C02" ceilings in restrooms, janitor rooms, locker rooms, showers, & wet areas shall be epoxy paint.

V. All type "C01" ceilings at 10'-0" above floor shall be smooth texture. Paint.

W. Specify "no visible" grilles to be installed in ceilings.

X. Refer to the finish schedule on sheet A1.31 for finish specifications.

Y. Coordinate the location of all mechanical access panels with Architect. Access panels shall be located such that they are not visible to public view.

Z. The Contractor shall be responsible to coordinate all mechanical, electrical and plumbing systems to be installed above the fixture, device, or grille noted otherwise.
GENERAL DESIGN NOTES:

A. Dimensions are to center line of light fixture, device, or grille unless otherwise indicated.

B. The Contractor shall be responsible to coordinate all mechanical, electrical and plumbing systems to be installed above the finish ceiling, to accommodate fixture and device locations as indicated. Verify any discrepancies with the architect prior to fabrication and installation.

C. Coordinate the location of all mechanical access panels with Architect. Access panels shall be located such that they are not visible to public view.

D. Refer to the Finish Schedule on sheet A1.31 for finish specifications.

E. Reference detail 02/A1.15 for typical ceiling suspension and seismic bracing.

F. Reference detail 01/A1.15 for typical suspended gypsum board ceilings.

G. All unidentified ceiling types on the reflected ceiling plans shall be type "C01" at 10'-0" a.f.

H. Refer to architectural drawings for locations of mechanical grilles, and to mechanical drawings for quantities and types.

I. Refer to architectural drawings for locations of light fixtures and to electrical drawings for quantities and types.

J. All ceiling heights indicated are the elevation of the bottom of the ceiling from the top of the concrete floor slab.

K. All type "C02" ceilings in restrooms, janitor rooms, locker rooms, showers, & wet areas shall be epoxy paint.

L. Reference detail 03/A1.15 for typical ceiling device layout.

M. Reference detail 04/A1.15 for typical ceiling tile penetration.

N. Add unfaced sound batt insulation above all restroom ceilings.

O. Salvage all attic insulation located above demolished ceilings (where occurs) and reinstall after completion of new ceiling work.

P. Suspended ceilings tiles are to be configured such that no less than one-half a border tile exists adjacent to any wall, unless otherwise noted.

Q. Suspended ceiling grids shall be configured such that either a tile or grid is centered in the room in each direction unless otherwise noted.

R. Replace all attic insulation that is removed/damaged due to mechanical work that is completed in attic space above ceilings.

GENERAL CEILING NOTES:

...
**SUSPENDED CEILING DETAIL**

1. All splay wires to be in line with attached component.
2. All splay wires to be taut and tied at both ends with minimum of 3 turns in 1" of run.
3. Areas smaller than 1000 sq. ft. with walls on 4 sides extending to structure need not be braced.
4. Compressive struts required at 12'-0" o.c.
5. All ceiling mounted light fixtures shall be attached to the suspended ceiling grid. In addition 12 ga. hanger wires at 4'-0" o.c. shall be attached to the suspended component.

**Notes:**
- Seismic bracing at 12'-0" typ.
- 48" o.c. channels at or boundary. Line of wall or boundary.
- Vertical wires cross runners.
- 5/8" G.W.B. with channels at 45º max. from any un-braced horizontal material or equipment, nor shall they be closer than 6" (perimeter)
- No. 500963-0301 PANTONE 2022
- 45º max.

**Carrying Channels:**
- 1-1/2" metal hat channels at 48" o.c.
- 7/8" metal hat piping or ductwork at 4'-0" o.c.
- 1/2" wall mold, typ.
- 12" o.c. at edges and in plane of each runner.
- Fasten with 1" type 's' drywall screws at 12 ga. splay wires at 4'-0" o.c.
- 12'-0" typ.
- Mud and tape all perimeter joints.* See detail at right.

**Angles:**
- 1/8" pop rivet at main runner or cross tee
- Continuous sealant - typical as per ICC ESR 1308

**Metal Suspension System -**
- Seismic clips - install as per ICC ESR 1308
- 8" max. - typ.

**Metal Angle Trim:**
- 8" max. - typ.

**Sprinkler Head, Speaker, etc.**
- 2'X4' grid (2'x2' grid sim.)
- Edge of ceiling tile.

**2/A1.15:**
- OCS - SPECIAL EDUCATION BUILDING REMODEL
- 1100 MAIN STREET, OGDEN, UT
- 04
- DATE: 10.26.22
- PERMIT SET
A. All roof crickets are to be constructed of tapered insulation. Crickets are to be installed so that a slope of 1/4" per foot is maintained across the face of the cricket.

B. Provide crickets at all rooftop mounted equipment (i.e. rooftop mechanical units, etc.) to assure positive drainage around such elements.

C. All flashing, counter-flashing and sheet metal work shall comply with the minimum standards per the current edition of SMACNA.

D. Not all roof mounted equipment and roof penetrations are shown on the architectural roof plan sheets. In addition to the architectural, the Contractor is responsible for referencing the structural, mechanical and electrical documents for all such occurrences. All penetrations of the roof shall meet the roofing manufacturer’s recommendations to maintain the integrity of the roofing systems.

E. The Contractor is responsible at bidding, for providing a manufacturer’s approved roofing detail for all roof conditions so that the specified warranty is obtained. If a condition is shown in these Construction Documents that does not meet the requirements of the roofing manufacturer, these conditions shall be brought to the attention of the Architects prior to bidding.

F. All pre-manufactured mechanical curbs must be adequate height to allow for the depth of the roof system, including crickets, and have an 8" height above the roof membrane. Reference mechanical detail.

G. All reglets are to be pre-finished and are to be held as low to the roof as possible. The visibility of the roof membrane from the ground below shall be minimized to the fullest extent possible.

H. Provide all miscellaneous flashings and accessories as required for a complete job. Flash all roof penetrations as required.

I. All miscellaneous vents, flues, curbs, etc. shall meet minimum code clearance above roof line - 01/A1.21.

GENERAL ROOF NOTES (SINGLE-PLY):

Existing built-up roofing system.

Existing roof drain - typ.

Rooftop mechanical unit - re: mechanical. Coordinate location of rooftop unit with existing roof structure, architect and structural engineer. Coordinate supply and return air ducts to fit between existing roof trusses. Re: mechanical for roof curb. Patch and repair existing built-up roofing system as required.

Roof mounted exhaust fan - re: mechanical. Patch and repair existing roof system as required.

Roof mounted split system AC unit - re: mechanical. Patch and repair existing built-up roofing system as required.

VENT FLASHING DETAIL

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BIMcloud: 25 - BIMcloud Basic for Archicad 25/2150 OCS - SPECIAL EDUCATIONS BUILDING REMODEL
EXISTING STEEL PIPE RAILING/GUARDRAIL - PREPARE AND PAINT

BID ALTERNATE NO. 1: Carefully remove and store existing jalousie systems (where occurs) at all exterior windows.
Repair jalousies as required. Remove existing glazing panels from existing steel sash windows. Patch, repair and paint existing steel sashes with high performance paint system. Install new 5/8" insulated glazing units in existing steel sash windows and putty in place. Reinstall existing jalousie systems.

Prepare and paint existing exterior wall louver
BID ALTERNATE NO. 1:

Carefully remove and store existing jalousie systems (where occurs) at all exterior windows. Repair jalousies as required. Remove existing glazing panels from existing steel sash windows. Patch, repair and paint existing steel sashes with high performance paint system. Install new 5/8" insulated glazing units in existing steel sash windows and putty in place. Reinstall existing jalousie systems.

Prepare and paint existing exterior wall louver.
Existing steel pipe railing/guardrail - prepare and paint

BID ALTERNATE NO. 1: Carefully remove and store existing jalousie systems (where occurs) at all exterior windows. Repair jalousies as required. Remove existing glazing panels from existing steel sash windows. Patch, repair and paint existing steel sashes with high performance paint system. Install new 5/8" insulated glazing units in existing steel sash windows and putty in place. Reinstall existing jalousie systems.

Prepare and paint existing exterior wall louver

Electrical gear/equipment - re: electrical
Wall mounted water closet - re: plumbing

09.11

BID ALTERNATE NO. 2: Remove all existing window blinds at all exterior window systems. Patch and repair existing plaster (where applicable) with an injected plaster system at perimeter at location of removed tile wainscot system and tile base and prepare for new wall wainscot and base.

Floor mounted water closet - re: plumbing

09.11

Install stone threshold - re: detail 06/A1.31

A5.1

New cased opening at existing door opening removed during demolition - re: detail 08/A9.1

A5.1

Surface

Install 2" rigid polyisocyanurate panels at exterior of existing wall opening at wall convector removed during demolition

05.01

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801.394.3033

STUDIO 333 ARCHITECTS

RA-09
W06
W05
W04
W02

CHANGING ROOM Northeast

BOYS RESTROOM Southwest

CHANGING ROOM 1ST LEVEL ENLARGED PLAN

CHANGING ROOM 1ST LEVEL ENLARGED PLAN

RA-06
W06
W05
W04
W02

BOYS RESTROOM Northwest

BOYS RESTROOM Southwest

BOYS RESTROOM Northeast

BOYS RESTROOM Northwest

CHANGING ROOM Northwest

CHANGING ROOM Southeast

CHANGING ROOM Southwest

CHANGING ROOM Northeast

STUDIO 333 ARCHITECTS
333 24TH STREET
GROVE, UT 84401
801.394.3033

SEG - SPECIAL EDUCATION BUILDING REMODEL
1505 AVENUE BOYS, OGDEN, UT

1ST LEVEL ENLARGED PLAN A5.1
Provide solid blocking in wall; Owner provided & installed.

Patch and repair all existing wall surfaces in this room as required. Patch and repair all wall surfaces at locations of plumbing.

Install 2" rigid polyisocyanurate panels at exterior of existing wall opening at wall convector removed during plumbing.

Sanitary napkin disposal
Soap dispenser
Towel dispenser
Frameless mirror
Toilet tissue dispenser
Grab bar (36")

GENERAL MILLWORK NOTES:

1. Provide all millwork as indicated in the millwork schedule.
2. Base Corner Detail - Re: 02/A6.1
3. Typical Millwork Anchoring Detail - Re: 03/A6.1
4. Typical Toe Kick Detail - Re: 04/A6.1
5. Contractor shall provide blocking behind all cabinets, coat racks, t.v. brackets and projection screens, as well as all wall surfaces behind demolished convector as required.
6. Finish interior surface with metal lath and plaster to match existing wall finish.
7. Finish interior surface with metal lath and plaster to match existing wall finish.
8. All millwork with exposed ends shall have 3/4" plaster ring system in existing slab recess. 

TYPICAL MILLWORK DETAILS:

1. Millwork shall be finish schedule.
2. Millwork shall be finish schedule.
3. Millwork shall be finish schedule.
4. Millwork shall be finish schedule.
5. Millwork shall be finish schedule.
6. Millwork shall be finish schedule.
7. Millwork shall be finish schedule.
KEYED NOTES:
1. Base Cabinet Plan Detail - Re: 01/A6.1
2. Typical Millwork Anchoring Detail - Re: 03/A6.1
3. Typical Toe Kick Detail - Re: 04/A6.1

TYPICAL MILLWORK DETAILS:

C. All countertops shall have a 4" backsplash, unless otherwise noted, to match finish on countertop, on back and sidewalls.

D. 1/4" grommet cover:
- Countertop support
- Hanger folder frame
- Drawers slides
- Touch latch
- Pulls
- Pivot Hinges

H. All cabinet interiors concealed from view by cabinet doors shall be covered in melamine laminate as per specifications.

G. Reference specifications for finish colors.

F. Contractor shall provide blocking behind all cabinets, coat racks, tv brackets and projection screens, as well as all wall finished end panels - typical.

Blocked paneler panels to seal sides and tops of all cabinets placed at an angle to adjacent wall.

E. All cabinet interiors open to view shall be covered in laminate or veneer utilized on the exterior of the cabinet.

D. Blocking is acceptable behind millwork and toilet partitions.

B. After millwork is installed, recessed or electrical cabinets, shall be covered with melamine veneer. The contractor shall include lid for electrical cabinet above.

A. All door closers shall be black, unless specified otherwise.

D. Customer shall provide all electrical, plumbing, and HVAC equipment.

B. Customer shall provide all millwork, including but not limited to base cabinets, countertops, and millwork hardware.

A. Manufacturer's warranties shall be provided with all millwork, including but not limited to base cabinets, countertops, and millwork hardware.

MILLWORK HARDWARE SCHEDULE

<table>
<thead>
<tr>
<th>TYPE</th>
<th>MANUFACTURER</th>
<th>COLOR</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Touch latch</td>
<td>Roppe</td>
<td></td>
<td>pins or black or chrome, as per specifications.</td>
</tr>
<tr>
<td>Pulls</td>
<td>Hafele/Accuride</td>
<td></td>
<td>pins or black or chrome, as per specifications.</td>
</tr>
<tr>
<td>Pivot hinges</td>
<td>USFUTABA</td>
<td></td>
<td>pins or black or chrome, as per specifications.</td>
</tr>
<tr>
<td>Lock</td>
<td>National locks</td>
<td></td>
<td>pins or black or chrome, as per specifications.</td>
</tr>
<tr>
<td>Handles</td>
<td>Doug Mockett</td>
<td></td>
<td>pins or black or chrome, as per specifications.</td>
</tr>
<tr>
<td>Drawer slides</td>
<td></td>
<td></td>
<td>pins or black or chrome, as per specifications.</td>
</tr>
<tr>
<td>Hinges</td>
<td></td>
<td></td>
<td>pins or black or chrome, as per specifications.</td>
</tr>
<tr>
<td>Cabinet hinges</td>
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<td></td>
<td>pins or black or chrome, as per specifications.</td>
</tr>
<tr>
<td>Door closers</td>
<td></td>
<td></td>
<td>pins or black or chrome, as per specifications.</td>
</tr>
<tr>
<td>Bathroom hardware</td>
<td></td>
<td></td>
<td>pins or black or chrome, as per specifications.</td>
</tr>
<tr>
<td>Countertop hardware</td>
<td></td>
<td></td>
<td>pins or black or chrome, as per specifications.</td>
</tr>
<tr>
<td>Millwork hardware</td>
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<td></td>
<td>pins or black or chrome, as per specifications.</td>
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<tr>
<td>Electrical hardware</td>
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<td></td>
<td>pins or black or chrome, as per specifications.</td>
</tr>
<tr>
<td>HVAC hardware</td>
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<td>pins or black or chrome, as per specifications.</td>
</tr>
<tr>
<td>Plumbing hardware</td>
<td></td>
<td></td>
<td>pins or black or chrome, as per specifications.</td>
</tr>
</tbody>
</table>

COLOR

- Melamine
- Grey Elm
- Finish: Black; Coord. size & locations w/ owner
- Coord. size & exact locations w/ owner
- Provide the 150 lbs drawer slides at all drawer locations
- Double Latch #733313 29 051

- Match Owner's sample finish - white to match Owner's sample finish.
The image contains architectural plans for a building remodel. The plans are labeled with various sections such as "HALLWAY Southwest" and "HALLWAY Northwest." There are detailed drawings showing measurements and specifications for cabinets and millwork. The plans include notes on general millwork notes, millwork finish materials, and millwork hardware schedule. Keyed notes are also included, such as typical millwork anchoring detail, base corner detail, and base cabinet plan detail.

The plans specify that all cabinet interiors concealed from view by cabinet doors shall be covered in melamine laminate as per specifications. Contractor shall provide blocking behind all cabinets, coat racks, t.v. brackets, and projection screens, as well as all wall finishes on countertops, back and side walls.

Elevations and specifications are provided for various materials and finishes, including Melamine, Plastic Laminate, Roppe, Wilsonart, and USFUTABA. The plans also mention the use of pivot hinges, grommets, and specific hardware like Brophy or Eq. For certain sections, materials like Formica Hardstop End Cap AT40 are specified.

The plans are dated 10.26.22, and the project is related to Special Education Building Remodel. The architectural firm, Studio 333 Architects, is located at 333 24th Street, Studio 333, Ogden, UT 84401. The project number is 2550.
HALLWAY Northwest

HALLWAY Southeast

HALLWAY Southeast

HALLWAY Northwest

KEYED NOTES:
1. Base Cabinet Plan Detail - Re: 01/A6.1
2. Base Corner Detail - Re: 02/A6.1
3. Typical Millwork Anchoring Detail - Re: 03/A6.1
4. Typical Toe Kick Detail - Re: 04/A6.1

TYPICAL MILLWORK DETAILS:
- *Note: Provide PVC edge banding on edges at shelves behind doors, color to match (M01 - Wilsonart - Grey Elm)*
- A. Provide base at all cabinet toe spaces, unless otherwise noted.
- B. All cabinets shall be Hafele/ Accuride hardware as standard.
- C. All countertops shall have a 4" backsplash, unless otherwise noted, to match finish on countertop, on back and sides of cabinet.
- D. Provide 1/4" millwork layer panels to seal sides and tops of all cabinets at an angle to adjacent walls.
- E. All millwork with exposed ends shall have 3/4" millwork filler panels to seal sides and tops of all cabinets.
- F. Contractor shall provide blocking behind all cabinets, coat racks, t.v. brackets and projection screens, as well as all wall mounted accessories, including white boards, tack boards, toilet and urinal partitions, toilet accessories, etc. Only 2x wood blocking is acceptable behind millwork and toilet partitions.
- G. C. All wall-mounted millwork shall have 3/8" millwork layer panels to seal sides and tops of all cabinets at an angle to adjacent walls.
- H. All cabinet interiors concealed from view by cabinet doors shall be covered in melamine laminate as per specification.

GENERAL MILLWORK NOTES:
- Interior millwork finishes shall be coordinated with the interior finishes of the building.
- Millwork will include all wall surfaces, including any millwork or casework above the counter; millwork molding will be included in all millwork and casework as needed.
- Millwork finish materials shall be coordinated with the interior finishes of the building.
- Millwork trim materials shall be coordinated with the interior finishes of the building.
- Millwork finish materials shall be coordinated with the interior finishes of the building.
- Millwork trim materials shall be coordinated with the interior finishes of the building.
- Millwork finish materials shall be coordinated with the interior finishes of the building.

MILLWORK FINISH MATERIAL LEGEND

**TYPE**

- M04: Melamine
- M03: Plastic Laminate
- M02: Melamine
- M01: Wilsonart

**FINISH**

- Interior cabinet finish - white to coordinate size & locations w/ owner
- Interior cabinet finish - white to coordinate size & locations w/ owner
- Interior cabinet finish - white to coordinate size & locations w/ owner
- Interior cabinet finish - white to coordinate size & locations w/ owner

**COLOR**

- White Finish: Black; Coord. size & locations w/ owner
- White Finish: Black; Coord. size & locations w/ owner
- White Finish: Black; Coord. size & locations w/ owner
- White Finish: Black; Coord. size & locations w/ owner

**SINKS**

- None

**FIXTURES & ACCESSORIES**

- Roppe
- Wilsonart
- Wilsonart
- Wilsonart

**DOORS & HURRICANE BOARD**

- None

**Doors & Hurricane Board**

- None

**DRAWERS & LATCHES**

- Provide 150 lbs drawer slides at all drawer locations
- Double Latch #733313 29 051 (USFUTABA)
- Double Latch #733313 29 047 (Doug Mockett)
- Pulls - USFUTABA
- Pivot Hinges - KV or Eq.
- Touch latch - National locks
- Lock - National locks
- Touch latch - National locks
- Lock - National locks

**DRAWERS & LATCHES**

- Provide the 150 lbs drawer slides at all drawer locations
- Double Latch #733313 29 051 (USFUTABA)
- Double Latch #733313 29 047 (Doug Mockett)
- Pulls - USFUTABA
- Pivot Hinges - KV or Eq.
- Touch latch - National locks
- Lock - National locks
- Touch latch - National locks
- Lock - National locks

**ENTRY DOORS**

- None

**ENTRY DOORS**

- None

**ELECTRICAL**

- None

**ELECTRICAL**

- None

**EQUIPMENT**

- None

**EQUIPMENT**

- None

**GAS**

- None

**GAS**

- None

**SYSTEMS**

- None

**SYSTEMS**

- None

**MECHANICAL**

- None

**MECHANICAL**

- None

**PLUMBING**

- None

**PLUMBING**

- None

**ARCHITECTURAL**

- None

**ARCHITECTURAL**

- None

**MECHANICAL**

- None

**MECHANICAL**

- None

**PLUMBING**

- None

**PLUMBING**

- None

**ARCHITECTURAL**

- None

**ARCHITECTURAL**

- None

**ELECTRICAL**

- None

**ELECTRICAL**

- None

**EQUIPMENT**

- None

**EQUIPMENT**

- None

**GAS**

- None

**GAS**

- None

**SYSTEMS**

- None

**SYSTEMS**

- None

**MECHANICAL**

- None

**MECHANICAL**

- None

**PLUMBING**

- None

**PLUMBING**

- None

**ARCHITECTURAL**

- None

**ARCHITECTURAL**

- None

**ELECTRICAL**

- None

**ELECTRICAL**

- None

**EQUIPMENT**

- None

**EQUIPMENT**

- None

**GAS**

- None

**GAS**

- None
1. Base Cabinet Plan Detail - Re: 01/A6.1
2. Typical Millwork Anchoring Detail - Re: 03/A6.1

Specifications for finishes:

- **FIBER REINFORCED LAMINATE**
- **2" GROMMET COVER**
- **COUNTER SUPPORT**
- **HANGING FOLDER FRAME**
- **LOCK**
- **PIVOT HINGES**

Architectural, mechanical, plumbing and electrical demolition work as required - re: engineering sheets for mechanical and electrical demolition requirements. Paint as per architectural, mechanical, plumbing and electrical demolition requirements. Finish: Black; Coordinate size & locations with owner to match Owner's sample.

**Note:** Dimensions shown may not reflect final construction, and should be confirmed with the contractor after the project is complete.
<table>
<thead>
<tr>
<th>ROOM NO.</th>
<th>TYPE</th>
<th>ROOM NAME</th>
<th>STORAGE</th>
<th>SURFACE MATERIAL</th>
<th>SCALE</th>
<th>DESCRIPTION</th>
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<td></td>
</tr>
</tbody>
</table>

**GENERAL SIGNAGE NOTES:**
1. Sign and graphic user: The user of the sign is the person who will view or operate the sign, or any other person for whom the sign is provided, such as a pedestrian or a driver.
2. General sign locations: The location of a sign is determined by the placement of the sign on a building or structure, and it may be specified by coordinates or by reference to other signs.
3. Sign color: The color of a sign is used to create contrast with the background and to ensure visibility.
4. BRaille: BRaille is a tactile script used by people who are blind or have low vision to read and write.

**SIGNAGE FACILITIES NOTES:**
1. Sign size: The size of a sign is determined by its dimensions, such as the length and width of the sign.
2. Sign location: The location of a sign is determined by its placement on a building or structure, and it may be specified by coordinates or by reference to other signs.
3. Sign material: The material of a sign is used to create contrast with the background and to ensure visibility.

**SIGN TEXT:**
- **BOYS:**
- **GIRLS:**
- **RESTROOM:**
- **UNISEX RESTROOM:**
- **CONFERENCE:**
- **WORKROOM:**
- **CLASSROOM:**
- **STORAGE:**
- **JANITOR:**
- **OFFICE:**
- **STAGE:**

**DETAIL REFERENCE:**
- **Raised pictogram (Color 5/8")**
- **Grade 2 braille**

**IMAGE:**
- A diagram showing the layout of a building with various rooms and signs.

**PROJECT NUMBER:**
- **2150**

**DATE:**
- **10/26/22**

**PROJECT NUMBER:**
- **2150**

**ADDRESS:**
- **155 33RD STREET**

**CONTACT:**
- **801.394.3033**

**SPECIAL EDUCATIONS BUILDING REMODEL**

**BIMcloud:**
- **BIMcloud Basic for Archicad 25/2150 OCS - SPECIAL EDUCATIONS BUILDING REMODEL**

**STUDIO 333 ARCHITECTS**
- **333 24TH STREET**
- **OGDEN, UT 84401**
- **801.394.3033**

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**NOTES:**
- **SIGNAGE SCHEDULE & DETAILS**
- **A8.1**
**DOOR & FRAME ELEVATIONS**

1. Material and system abbreviations:
   - DOOR & FRAME NOTES:
   - HM = Hollow Metal
   - WD = Wood
   - CAST = Cased Opening
   - SHEET = Sheet Metal

2. All hollow metal door and window frames are to have a single rabbet profile.

3. See specified installation instructions for Cased Opening installations by each contractor.

4. General Contractor to coordinate work between the door installer and security system installer.

5. Where a door is shown on the floor plan, check with the architect for the proper installation.

6. Group 1 - Private Office:
   - (2) Kick plates each side of door; satin nickel US26D
   - (1) Door stop (floor or wall); Rockwood
   - (1) Lockset; Schlage Series (Office lock); satin nickel US26D
   - (3) Pair hinges; TA2714 4.5X4; satin nickel US26D

7. Group 2 - Classroom:
   - (2) Kick plates each side of door; satin nickel US26D
   - (1) Door stop (floor or wall); Rockwood
   - (1) Lockset; Schlage Series (Passage lock); satin nickel US26D
   - (3) Pair hinges; TA2714 4.5X4; satin nickel US26D

8. Standard hinge reinforcement

9. Auxiliary hinge reinforcement

10. Arc weld (3) places for each hinge

11. Key new lock sets to match existing keyset system - coordinate with owner.

**DOOR SCHEDULE & WINDOW ELEVATIONS**

**SCAL**

**DATE:** 10/26/22

**PROJECT NUMBER:** 2750

**STUDIO 333 ARCHITECTS**

**1055 AMMONIA DR. SALT LAKE CITY, UT 84101**

333 24TH STREET

OGDEN, UT  84401

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NOTES:

1. ALL FRAMING LUMBER TO BE MARKED WITH A STAMP BY A WWPA APPROVED AGENCY & GRADED AS #2 OR BETTER.

2. 10d NAILS TO HAVE MIN SHANK Ø OF 0.148 WITH 1.5" MIN. PENETRATION INTO SUPPORT MEMBER.

3. ALL RTU ANCHORAGE, HOLDOWN & CURB TO BE SUBMITTED AS A DEFERRED SUBMITTAL & STAMPED BY AN ENGINEER LICENSED IN UTAH. AT THE 15 TON RTU ABOVE THE GYM THE RTU IS TO BE SUPPORTED BY 3 JOISTS. THE CURB IS TO BE DESIGNED TO BE STRONG ENOUGH & STIFF ENOUGH TO SPAN (3) JOISTS TO DISTRIBUTE LOADS EQUALLY - STAMPED CALCULATIONS TO BE PROVIDED FOR REVIEW AS PART OF THE DEFERRED SUBMITTAL.

4. SEE DETAIL 3/S2.01 FOR JOIST WEB UPGRADES AT GYM ROOF WHERE UNIT DOES NOT BEAR WITHIN 6" OF TRUSS PANEL POINTS.

5. SEE DETAIL 4/S2.01 FOR FRAMING BELOW CURBS & AROUND OPENINGS AT GYM ROOF RTU'S.

SEE NOTE 3, 4 & 5

21' - 0" MAX.

SEE NOTE 4 & 5

SCALE : 3/32" = 1'-0"
NEW 2x FULL HEIGHT BLOCKING AT RTU LOCATIONS
EXISTING ROOF SHEATHING
EXISTING TOP CHORD OF TRUSS & EXISTING 2x8 JOISTS AT 24" o.c.
NEW SIMPSON H10 AT EACH JOIST SUPPORTING NEW RTU
SISTER ON NEW 2x12 OR ADD (2)
NEW 2x12 JOISTS AT EACH LOCATION NOTED ON PLANS
- EXTEND 6" PAST SUPPORTING TRUSS
(2) ROWS OF 10d NAILS AT 3" o.c.
PRE-DRILL AS REQ'D. TO PREVENT SPLITTING
(2) NEW SIMPSON A35 AT EACH TRUSS SUPPORTING THE RTU
NOTE:
SINGLE / DOUBLE 2x12 SUPPORTS MAY OCCUR BETWEEN ONE OR TWO GIRDERS - DEPENDING ON THE LOCATION OF THE RTU - FIELD VERIFY
NEW 2x FULL HEIGHT BLOCKING AT RTU LOCATIONS
EXISTING ROOF SHEATHING
EXISTING 2x JOISTS
NEW 2x4 STUD WALL AT RTU LOCATIONS - TO BE LOCATED BELOW ANY 2x JOISTS SUPPORTING THE NEW RTU - FIELD VERIFY
#10 NAILS @ 6" o.c.
EXISTING CONCRETE & CMU WALL
NEW SIMPSON H1 AT EACH JOIST SUPPORTING THE RTU
≥ 6" SPAN
3/16 2" 3/16 2"
LOCATION OF NEW POINT LOAD PROVIDE NEW L2 x 2 x 1/4 BOTH SIDES OF JOIST - EXTEND TO NEAREST PANEL POINT ON OPPOSITE CHORD
EXISTING METAL DECK - SEE PLAN
EXISTING SUPPORT MEMBER - SEE PLAN
ANGLE (TYP.) ALL AROUND OPENING - SEE SCHEDULE
L ≤ 10' - 0"
L ≤ 8' - 0"
L ≤ 6' - 0"
≥ 6" SPAN  'L' 3/16 TYP.
L4 x 4 x 1/4
L4 x 4 x 3/8
L5 x 5 x 3/8
SPAN  'L'
3/16 TYP.
NOTE 3
EXISTING WASHER/DRYER TO BE REMOVED. REMOVE DRYER VENT COMPLETE. EXISTING IT ROOM AC UNIT. REMOVE AND SALVAGE TO OWNER.

EXISTING FOUNDATION VENT SERVING UNIT VENTILATORS TO REMAIN INTACT. REMOVE EXISTING STEAM RADIATOR COMPLETE. REMOVE ALL CONTROLS AND DUCTWORK.

EXISTING UNIT VENTILATOR COMPLETE. REMOVE ALL PNEUMATIC CONTROLS.

EXISTING PNEUMATIC THERMOSTAT. REMOVE ALL PNEUMATIC CONTROLS. PREPARE AREA IN GENERAL FOR NEW ROOF TOP UNITS AND NEW DDC SYSTEM.

EXISTING R.A. GRILLES IN STAGE AREA TO REMAIN INTACT. NO WORK REQD. EXISTING GYM S.A. DIFFUSERS TO REMAIN INTACT.

EXISTING GYM GRILLE AND RETURN AIR CHASE IN STAIRWELL TO REMAIN INTACT.

EXISTING EXHAUST DUCT SERVING LOCKER SHOWER ROOM AREA TO REMAIN INTACT. REMOVE ALL INTERIOR DUCTWORK. INFILL FOUNDATION WALL VENT OPENING WITH 2 INCH THICK WATERPROOF POLYISO INSULATION BOARD. CAP INFILLED FOUNDATION WALL VENT OPENING WITH SHEET METAL CAP AND SEAL AIRTIGHT. SEE DETAIL 6/M501.

EXISTING GRILLE AND RETURN AIR CHASE IN STEAM SHOWER ROOM IN STAGE AREA TO REMAIN INTACT. NO WORK REQD. INFILL FOUNDATION WALL VENT OPENING WITH SHEET METAL CAP AND SEAL AIRTIGHT. SEE DETAIL 6/M501.

EXISTING FOUNDATION VENT SERVING UNIT VENTILATORS TO REMAIN INTACT. REMOVE ALL INTERIOR DUCTWORK. INFILL FOUNDATION WALL VENT OPENING WITH 2 INCH THICK WATERPROOF POLYISO INSULATION BOARD. CAP INFILLED FOUNDATION WALL VENT OPENING WITH SHEET METAL CAP AND SEAL AIRTIGHT. SEE DETAIL 6/M501.

EXISTING GYM GRILLE AND RETURN AIR CHASE IN STAIRWELL TO REMAIN INTACT.

EXISTING S.A. DUCT IN GYM TO REMAIN INTACT. NO WORK REQD.

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REFERENCE NOTES

EXISTING EXISTING OUTSIDE AIR LOUVER SERVING GYM TO REMAIN INTACT. REMOVE ALL INTERIOR DUCTWORK. INFILL WALL OPENING WITH 2 INCH THICK WATERPROOF POLYISO INSULATION BOARD. CAP INFILLED OPENING WITH SHEET METAL CAP AND SEAL AIRTIGHT.

EXISTING BUILT UP FILTER BANK COMPLETE. EXISTING INLINE EXHAUST FAN SERVING LOCKER SHOWER ROOM AREA TO REMAIN INTACT. EXISTING R.A. CHASE AND WALL OPENING TO REMAIN INTACT. REMOVE EXISTING STEAM COILS, STEAM AND CONDENSATE PIPING AND ALL PNEUMATIC CONTROLS COMPLETE. REMOVE EXISTING BUILT UP AIR HANDLER COMPLETE. REMOVE ALL ASSOCIATED SUPPORTS, DUCTWORK AND CONTROLS. REMOVE EXISTING S.A. DUCT AS INDICATED. REMOVE ALL DUCT SUPPORTS.

EXISTING S.A. DUCT SERVING GYM TO REMAIN INTACT. NO WORK REQD. REMOVE EXISTING ATTIC VENT COMPLETE. REMOVE ROOF CURB. PATCHING AND REPAIR OF ROOF BY OTHERS. PREPARE AREA IN GENERAL FOR NEW ROOF TOP UNITS AND NEW DDC CONTROLS.

SECOND LEVEL MECHANICAL DEMOLITION PLAN
SCALE: 1/8" = 1'-0"
REFERENCE NOTES

1. INSTALL NEW ROOF TOP UNIT IN THIS LOCATION. COORDINATE LOCATION OF ROOF TOP UNIT WITH EXISTING STRUCTURE, ARCHITECT AND STRUCTURAL ENGINEER. SEE INSTALLATION DETAIL 1/M501.

2. EXTEND S.A. AND R.A. DUCTS DOWN THROUGH EXISTING ROOF AS INDICATED. G.C. TO FRAME ROOF OPENING FOR NEW DUCTWORK.

3. EXTEND NEW S.A. DUCT OF SIZE INDICATED AND CONNECT TO EXISTING S.A. DUCT IN THIS LOCATION.

4. BALANCE EXISTING CEILING DIFFUSER TO CFM INDICATED.

5. NEW S.A. DUCT TO RUN HIGH CLOSE TO ROOF BETWEEN EXISTING ROOF TRUSSES. COORDINATE LOCATION WITH EXISTING DUCTWORK.

6. WHERE EXISTING "X" BRACING OCCURS, CONSULT WITH ARCHITECT AND STRUCTURAL ENGINEER BEFORE REMOVING BRACING. BRACING WILL NEED TO BE REMOVED AND REPLACED AS PART OF THE NEW DUCTWORK INSTALLATION.

7. PROVIDE DUCT TRANSITION AS NEEDED.

8. ROOF CURB SHALL EXTEND OVER THREE (3) EXISTING ROOF TRUSSES FOR SUPPORT. FABRICATE AND INSTALL CUSTOM ROOF CURB TO MATCH ROOF TOP UNIT AND PROVIDE REQUIRED ROOF SUPPORT.

9. EXISTING CEILING SYSTEM IN THIS AREA TO BE REMOVED TO ALLOW FOR INSTALLATION OF NEW S.A. DUCTWORK AND PROVIDE FOR RETURN AIR PATH TO ROOF TOP UNIT.
NOT TO SCALE

FOUNDATION VENT DETAIL

CEILING DIFFUSER DETAIL

DUCT LINER DETAIL

FLEXIBLE DUCT SUPPORT DETAIL

ROOF MOUNTED EXHAUST FAN DETAIL

MAIN DUCT INSTALLATION DETAIL

GAS LINE CONNECTION DETAIL

PACKAGE ROOF-TOP UNIT DETAIL

LEGAL NOTE: This is an excerpt from a mechanical engineering drawing. The full drawing includes detailed instructions and diagrams for the installation of a packaged roof-top unit. The drawing specifies the use of materials such as flexible duct support, insulation, and gas line connections. The instructions cover the installation of supply air ductwork, exhaust ducts, and related components. The drawing also includes notes on the installation of mechanical engineering components and equipment.
## GENERAL MECHANICAL NOTES:

- **CODES ENFORCED:** INTERNATIONAL MECHANICAL CODE (IMC), INTERNATIONAL PLUMBING CODE (IPC), ELECTRICAL CODE, BUILDING CODE, ENERGY CODE (IECC), EXTERIOR WALL PERFORMANCE AND LIFE SAFETY CODE (ETC), AND STATE AND LOCAL CODES.

- **COORDINATION:** PROVIDER TASK AND COMPLIANCE REVIEWED AS PER PROJECT SPECIFIC REQUIREMENTS.

- **CONSTRUCTION:** ALL MATERIALS TO BE SHIPPED TO SITE VIA THE CONTRACTOR’S RESPONSIBILITY AND TO BE CO-ORDINATED AND INSTALLED AS PER THE CONTRACTORS RESPONSIBILITY.

- **SITE ACCESS:** CEILING ACCESS HOLE TO BE PROVIDED FOR THE INSTALLATION OF THE PRODUCTION AND MATERIALS.

- **LABOR PERFORMANCE:** CONTRACTOR TO PROVIDE LABOR TO INSTALL ALL ELECTRICAL AND MECHANICAL EQUIPMENT, INCLUDING MATERIALS AND ATTACHMENTS.

- **QUALITY:** ALL WORK TO BE INSTALLED IN CONFORMITY WITH THE SPECIFICATIONS, DRAWINGS, AND CONTRACT REQUIREMENTS.

- **SHIPPING/RECEIVING:** ALL MATERIALS TO BE SHIPPED TO THE JOB SITE VIA THE CONTRACTOR’S RESPONSIBILITY.

- **WELL SERVICES:** INSTALLATION OF WELL SERVICES TO BE PERFORMED IN CONFORMITY WITH THE REQUIREMENTS OF THE LOCAL CODES.

## MATERIALS LISTING

### BUILDING PLUMBING SERVICES PIPING MATERIALS LISTING

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<th>Description</th>
<th>Material Type</th>
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<th>Length</th>
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<td>Water Supply</td>
<td>Steel</td>
<td>3/4&quot;</td>
<td>1.5&quot; x 2.5&quot;</td>
<td>50'</td>
<td>Blue</td>
<td>For use in hot water systems.</td>
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<tr>
<td>Drain</td>
<td>PVC</td>
<td>2&quot;</td>
<td>2&quot; x 2&quot;</td>
<td>30'</td>
<td>Black</td>
<td>For use in drainage systems.</td>
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<tr>
<td>Vent</td>
<td>ABS</td>
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<td>1&quot; x 1&quot;</td>
<td>100'</td>
<td>White</td>
<td>For use in ventilation systems.</td>
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## ROOFTOP UNIT SCHEDULE

### ROOFTOP UNIT SCHEDULE

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<th>Model</th>
<th>Type</th>
<th>CFM</th>
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<th>Phase</th>
<th>Air Flow</th>
<th>Unit Weight</th>
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## EXHAUST FAN SCHEDULE

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## RECESSED WALL ELECTRIC HEATER SCHEDULE

### RECESSED WALL ELECTRIC HEATER SCHEDULE

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## OFFUSER SCHEDULE

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## RETURN AND EXHAUST GRILLE SCHEDULE

### RETURN AND EXHAUST GRILLE SCHEDULE

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<th>Model</th>
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<td>100</td>
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<tr>
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<td>200</td>
<td>200</td>
<td>1</td>
<td>208 V/3/60</td>
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<td>200</td>
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<tr>
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<td>300</td>
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<td>1</td>
<td>208 V/3/60</td>
<td>3</td>
<td>300</td>
<td>300</td>
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## NOTES:

- **SUMMER DESIGN DRY BULB:** 97°F
- **ELEVATION:** 4200 FT
- **DUCTWORK:** STRUCTURALLY FRAMED TO MATCH DUCTWORK SIZES INDICATED.
- **PROJECT DESIGN DATA:** INSTALL NEW ROOF-TOP UNIT LEVEL AND PLUMB PER MANUFACTURERS INSTRUCTIONS. MAINTAIN MANUFACTURERS RECOMMENDED SERVICE AND OPERATIONAL CLEARANCES AROUND UNIT.
- **FOR SUBSTANTIAL COMPLETION INSPECTION:** BY THE DATE NOTED IN THE CONTRACT.
- **ATTACHMENTS AND MATERIALS:** FOR BRACING THE MECHANICAL EQUIPMENT , QUALITY, UNLESS OTHERWISE REQUIRED OR PERMITTED BY THE CONTRACT ATTACHMENTS AND MATERIALS FOR BRACING THE MECHANICAL EQUIPMENT , QUALITY, UNLESS OTHERWISE REQUIRED OR PERMITTED BY THE CONTRACT
- **EQUIPMENT INSTALLATION:** INSTALLED PER MANUFACTURES INSTRUCTIONS. MAINTAIN MANUFACTURES RECOMMENDED SERVICE AND OPERATIONAL CLEARANCES AROUND UNIT.
PLUMBING DEMOLITION KEYED NOTES:

- Remove existing restrooms located in the following spaces: locker rooms, showers, storage areas, and facultiy areas. SEE DRAWING P101 FOR NEW WORK AND VENT PIPING. See drawing for existing venting above and below the ceilings. Existing piping above ceilings to remain intact. Remove all associated waste, vent, and water lines required.

- Remove existing 24" x 24" shower to remain intact. Remove water lines serving water closets and venting. Existing plumbing fixtures to remain intact. Remove all associated waste, water, and venting. See Drawing P102 for new work and vent piping. New lines required.

- Remove existing drinking fountain in this location and replace with new drinking fountain and bottle filler. Existing venting and plumbing remaining. See drawing for new work and vent piping. New lines required.

- Remove existing drinking fountain in this location and replace with new water lines. Existing venting and plumbing remaining. See drawing for new work and vent piping. New lines required.

- Remove existing water heater and replace with new gas heater. Existing venting and plumbing remaining. See drawing for new work and vent piping. New lines required.

- Remove existing service sinks in crawl space and maneuver new service sinks. Existing venting and plumbing remaining. See drawing for new work and vent piping. New lines required.

- Remove existing restrooms located in the following spaces: locker rooms, showers, storage areas, and facultiy areas. SEE DRAWING P101 FOR NEW WORK AND VENT PIPING. See drawing for existing venting above and below the ceilings. Existing piping above ceilings to remain intact. Remove all associated waste, vent, and water lines required.

- Remove existing shower room to remain intact. Remove water lines serving water closets and venting. Existing plumbing fixtures to remain intact. Remove all associated waste, water, and venting. See Drawing P102 for new work and vent piping. New lines required.

- Remove existing janitor and girls restrooms located in this area. See drawing for new work and vent piping. Existing venting and plumbing remaining. New lines required.

- Remove existing janitor and boys restrooms located in this area. See drawing for new work and vent piping. Existing venting and plumbing remaining. New lines required.

- Remove existing class 310 and 315 to remain intact. Existing waste, venting and plumbing remaining. See drawing for new work and vent piping. New lines required.
REFERENCE NOTES

1. EXISTING ROOF DRAIN TO REMAIN INTACT. NOW WORK REQUIRED.
2. EXISTING STEAM COIL TO BE REMOVED. REMOVE ANY ASSOCIATED COIL DRAIN LINES.
3. EXISTING FAN SYSTEM TO BE REMOVED. REMOVE ANY ASSOCIATED DRAIN LINES.
4. ALL RESTROOM AND LOCKER ROOM VENT PIPING TO REMAIN INTACT. ALL EXISTING VENT THROUGH ROOF LOCATIONS TO REMAIN. WHERE NEW PLUMBING FIXTURES ARE INSTALLED MAKE CONNECTIONS TO EXISTING VENT PIPING.
REFERENCE NOTES

- PIPE 1/2" CW LINE UP THRU FLOOR TO SINK FAUCET. PIPE 2" WASTE LINE FROM WASHER BOX DN THRU FLOOR AND CONNECT TO EXISTING WASTE LINE IN CRAWL SPACE.
- PIPE 1/2" CW AND HW LINES UP THRU FLOOR TO SINK FAUCET. PIPE 3/4" CW LINE UP THRU FLOOR TO EXISTING SERVICE SINK.
- PIPE 3/4" CW AND HW LINES UP THRU FLOOR TO EXISTING SERVICE SINK.
- PIPE 3/4" CW LINE UP THRU FLOOR TO URINAL FLUSH VALVE. PIPE 2" WASTE LINE FROM WASHER BOX DN THRU FLOOR AND CONNECT TO EXISTING WASTE LINE IN CRAWL SPACE.
- PIPE 2" WASTE LINE FROM URINAL WASTE LINE DN THRU FLOOR AND CONNECT TO EXISTING WASTE LINE IN CRAWL SPACE.
- PIPE 1/2" CW AND HW LINES UP THRU FLOOR TO LAVATORY FAUCET. PIPE 1/2" CW AND HW LINES UP THRU FLOOR TO SINK FAUCET. PIPE 2" WASTE LINE FROM WASHER BOX DN THRU FLOOR AND CONNECT TO EXISTING WASTE LINE IN CRAWL SPACE.
- PIPE 3/4" CW LINE UP THRU FLOOR TO URINAL FLUSH VALVE. PIPE 2" WASTE LINE FROM URINAL WASTE LINE DN THRU FLOOR AND CONNECT TO EXISTING WASTE LINE IN CRAWL SPACE.
- PIPE 1/2" CW AND HW LINES UP THRU FLOOR TO SINK FAUCET. PIPE 2" WASTE LINE FROM WASHER BOX DN THRU FLOOR AND CONNECT TO EXISTING WASTE LINE IN CRAWL SPACE.
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REFERENCE NOTES

EXISTING ROOF DRAIN SHOWN FOR REFERENCE ONLY. NO WORK REQUIRED. COORDINATE LOCATION OF NEW MECHANICAL AND PLUMBING WORK WITH EXISTING ROOF DRAIN PIPING.

NEW GAS LINE TO DROP THRU EXISTING ATTIC SPACE TO GAS FIRED WATER HEATER BELOW. SEE DRAWING P101 FOR CONTINUATION.

NEW VENT THRU ROOF (VTR). TERMINATE VENT 24" A.F.R. (TYP) SEE DETAIL XX.XX

SECOND LEVEL PLUMBING PLAN

SCALE: 1/8" = 1'-0"
BUILDING SERVICES PIPING MATERIALS, PIPING AND IDENTIFICATION

PLUMBING EQUIPMENT SCHEDULE

PIPING INSULATION SCHEDULE

PLUMBING FIXTURE SCHEDULE

BRANCH WATER LINE SCHEDULE

PLUMBING PIPING LEGEND
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BIMcloud: 25 - BIMcloud Basic for Archicad 25/2150 OCS - SPECIAL EDUCATIONS BUILDING REMODEL

EX1.2