GENERAL SITE PLAN NOTES:

A. Field verify all dimensions, utilities, improvements, etc.
B. Re: mechanical/plumbing drawings for gas line work.
C. Contractor shall abide to the Utah Division of Air Quality requirements and call (801)536-4400 prior to beginning construction on site.
D. Contractor shall notify Blue Stakes at (800)662-4111 or http://www.bluestakes.org prior to beginning construction on site.

SITE PLAN LEGEND:

- Landscaping.
  - Existing landscaping to remain - protect from damage.
- Asphalt paving.
  - Existing asphalt paving to remain - protect from damage.
- Concrete paving.
  - Existing concrete paving to remain - protect from damage.

KEYED NOTES:

<table>
<thead>
<tr>
<th>NO.</th>
<th>DATE</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>01.01</td>
<td>T</td>
<td>Existing concrete stair</td>
</tr>
<tr>
<td>01.02</td>
<td>T</td>
<td>Existing concrete walk</td>
</tr>
<tr>
<td>01.03</td>
<td>T</td>
<td>Existing concrete ramp</td>
</tr>
<tr>
<td>01.04</td>
<td>T</td>
<td>Existing concrete curb and gutter</td>
</tr>
<tr>
<td>01.05</td>
<td>T</td>
<td>Existing asphalt paving</td>
</tr>
<tr>
<td>01.06</td>
<td>T</td>
<td>Existing steel pipe railing/guardrail - prepare and paint</td>
</tr>
<tr>
<td>01.07</td>
<td>T</td>
<td>Remove existing chain link fencing/guardrail system, complete. Install new 42&quot; high vinyl coated chain link guardrail system. Install vertical posts at same location of previous guardrail system and grout in place.</td>
</tr>
<tr>
<td>01.08</td>
<td>T</td>
<td>Condensing unit on mechanical pad - re: mechanical.</td>
</tr>
<tr>
<td>01.09</td>
<td>T</td>
<td>Remove existing sod as required and install new 4” concrete mechanical pad over 4” compacted gravel base.</td>
</tr>
<tr>
<td>01.10</td>
<td>T</td>
<td>Remove existing sod as required and replace with new at location of new utility trench - re: plumbing</td>
</tr>
<tr>
<td>01.11</td>
<td>T</td>
<td>Saw cut and remove existing asphalt paving as required at location of new utility trench - re: plumbing. Install new 2” asphalt paving over 6” compacted base.</td>
</tr>
<tr>
<td>01.12</td>
<td>T</td>
<td>Saw cut and remove existing concrete curb and gutter as required at location of new utility trench - re: plumbing. Install new concrete curb and gutter to match existing over compacted base.</td>
</tr>
<tr>
<td>01.13</td>
<td>T</td>
<td>Gas service location - re: plumbing. Provide 5’x3’x4” thick concrete pad over 4” compacted gravel base. Remove and replace existing sod with new as required for new utility trench.</td>
</tr>
<tr>
<td>01.14</td>
<td>T</td>
<td>Core drill existing foundation wall as required for gas pipe. Grout opening around pipe solid.</td>
</tr>
</tbody>
</table>

ARCHITECTURAL SITE PLAN

OCS - ANNEX BUILDING REMODEL
1950 MONROE BLVD, OGDEN, UT

PERMIT SET DATE: 10.26.22
PROJECT NUMBER: 2150
SCALE: 1" = 10'

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

© 2021 Studio 333 Architects All Rights Reserved

BIMcloud: 25 - BIMcloud Basic for Archicad 25/2150 OCS - ANNEX BUILDING REMODEL
10.26.22
SD1.1
Building element to be demolished.

DEMOLITION LEGEND:
- Existing building element to remain (protect from damage).

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

KEYED NOTES:
- No. 500963-0301 (PANTONE)
- Kent, Tony
- © 2021 Studio 333 Architects All Rights Reserved

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

STUDIO 333
333 24TH STREET
OGDEN, UT 84401
801.394.3033

DEMOLITION FLOOR PLAN

PERMIT SET
DATE: 10.26.22
PROJECT NUMBER: 2150
SCALE: 1/4" = 1'-0"

BASEMENT LEVEL
DESTRUCTION FLOOR PLAN

D1.1
GENERAL DEMOLITION NOTES:

A. First review drafts and verify all existing and existing conditions. Drawings to indicate prior to demolition. All existing conditions shall be documented on drawings, including all systems and fixtures in and on the existing building. All existing conditions shall be noted on drawings.

B. Remove all existing wall mounted artwork, display boards, clocks, speakers, etc. from the existing building prior to demolition.

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

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

E. Provide miscellaneous demolition required for new construction, whether site specific or standard.

F. Protect existing construction indicated to remain during the process of demolition. All existing interior finishes shall remain intact.

G. Remove and/or renew any existing interior or exterior window/door frame, including all hardware.

H. Reference engineering sheets for additional demolition requirements.

I. Contractor shall install the new window/door frame to match existing adjacent window/door frame.

J. Attach all new windows/door frames to the structural frame, ensuring proper support and stability.

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

L. Remove existing chain link fencing/guardrail system, complete.

M. Remove existing wall sconce light fixture, complete.

N. Remove existing tile floor, complete.

O. Patch and level existing concrete floor, complete.

P. Owner shall remove all existing wall mounted artwork, display boards, clocks, speakers, etc. from the existing building prior to demolition.

Q. Remove existing foundation vent - re: mechanical.

R. Remove existing window mounted evaporative cooler system, complete - re: mechanical/plumbing. Protect existing window system to remain.

S. Remove existing window through a window/door frame, complete.

T. Remove existing foundation vent - re: mechanical.

U. Remove existing window through a window/door frame, complete.

V. Remove existing wall mounted evaporative cooler system, complete - re: mechanical/plumbing. Protect existing window system to remain.

W. Remove existing window through a window/door frame, complete.

X. Remove existing millwork including countertops (where occurs). Protect existing adjacent plaster wall surfaces from damage.

Y. Protect existing wall surfaces damaged due to work under this contract shall remain. 45 mil. minimum thickness. Tape all joints. Clean carpet if necessary at completion of construction.

Z. Remove existing drinking fountain, complete - re: plumbing.

AA. Remove existing foundation vent - re: mechanical.

BB. Remove existing millwork including countertops (where occurs). Protect existing adjacent plaster wall surfaces from damage.

CC. Remove existing millwork including countertops (where occurs). Protect existing adjacent plaster wall surfaces from damage.

DD. Remove existing millwork including countertops (where occurs). Protect existing adjacent plaster wall surfaces from damage.

EE. Remove existing millwork including countertops (where occurs). Protect existing adjacent plaster wall surfaces from damage.

FF. Remove existing millwork including countertops (where occurs). Protect existing adjacent plaster wall surfaces from damage.

GG. Remove existing millwork including countertops (where occurs). Protect existing adjacent plaster wall surfaces from damage.

HH. Remove existing millwork including countertops (where occurs). Protect existing adjacent plaster wall surfaces from damage.

II. Remove existing millwork including countertops (where occurs). Protect existing adjacent plaster wall surfaces from damage.

JJ. Remove existing millwork including countertops (where occurs). Protect existing adjacent plaster wall surfaces from damage.

KK. Remove existing millwork including countertops (where occurs). Protect existing adjacent plaster wall surfaces from damage.

LL. Remove existing millwork including countertops (where occurs). Protect existing adjacent plaster wall surfaces from damage.

MM. Remove existing millwork including countertops (where occurs). Protect existing adjacent plaster wall surfaces from damage.

NN. Remove existing millwork including countertops (where occurs). Protect existing adjacent plaster wall surfaces from damage.

OO. Remove existing millwork including countertops (where occurs). Protect existing adjacent plaster wall surfaces from damage.

PP. Remove existing millwork including countertops (where occurs). Protect existing adjacent plaster wall surfaces from damage.

QQ. Remove existing millwork including countertops (where occurs). Protect existing adjacent plaster wall surfaces from damage.

RR. Remove existing millwork including countertops (where occurs). Protect existing adjacent plaster wall surfaces from damage.

SS. Remove existing millwork including countertops (where occurs). Protect existing adjacent plaster wall surfaces from damage.

TT. Remove existing millwork including countertops (where occurs). Protect existing adjacent plaster wall surfaces from damage.

UU. Remove existing millwork including countertops (where occurs). Protect existing adjacent plaster wall surfaces from damage.

VV. Remove existing millwork including countertops (where occurs). Protect existing adjacent plaster wall surfaces from damage.

WW. Remove existing millwork including countertops (where occurs). Protect existing adjacent plaster wall surfaces from damage.

XX. Remove existing millwork including countertops (where occurs). Protect existing adjacent plaster wall surfaces from damage.

YY. Remove existing millwork including countertops (where occurs). Protect existing adjacent plaster wall surfaces from damage.

ZZ. Remove existing millwork including countertops (where occurs). Protect existing adjacent plaster wall surfaces from damage.

AAAA. Remove existing millwork including countertops (where occurs). Protect existing adjacent plaster wall surfaces from damage.

BBBB. Remove existing millwork including countertops (where occurs). Protect existing adjacent plaster wall surfaces from damage.

CCCC. Remove existing millwork including countertops (where occurs). Protect existing adjacent plaster wall surfaces from damage.

DDDD. Remove existing millwork including countertops (where occurs). Protect existing adjacent plaster wall surfaces from damage.

EEEE. Remove existing millwork including countertops (where occurs). Protect existing adjacent plaster wall surfaces from damage.

FFFF. Remove existing millwork including countertops (where occurs). Protect existing adjacent plaster wall surfaces from damage.

GGGG. Remove existing millwork including countertops (where occurs). Protect existing adjacent plaster wall surfaces from damage.

HHHH. Remove existing millwork including countertops (where occurs). Protect existing adjacent plaster wall surfaces from damage.

IIII. Remove existing millwork including countertops (where occurs). Protect existing adjacent plaster wall surfaces from damage.

JJJJ. Remove existing millwork including countertops (where occurs). Protect existing adjacent plaster wall surfaces from damage.

KKKK. Remove existing millwork including countertops (where occurs). Protect existing adjacent plaster wall surfaces from damage.

LLLL. Remove existing millwork including countertops (where occurs). Protect existing adjacent plaster wall surfaces from damage.

PPPP. Remove existing millwork including countertops (where occurs). Protect existing adjacent plaster wall surfaces from damage.

QQQQ. Remove existing millwork including countertops (where occurs). Protect existing adjacent plaster wall surfaces from damage.

RRRR. Remove existing millwork including countertops (where occurs). Protect existing adjacent plaster wall surfaces from damage.

SSSS. Remove existing millwork including countertops (where occurs). Protect existing adjacent plaster wall surfaces from damage.

TTTT. Remove existing millwork including countertops (where occurs). Protect existing adjacent plaster wall surfaces from damage.

UUUU. Remove existing millwork including countertops (where occurs). Protect existing adjacent plaster wall surfaces from damage.

VVVV. Remove existing millwork including countertops (where occurs). Protect existing adjacent plaster wall surfaces from damage.

WWWW. Remove existing millwork including countertops (where occurs). Protect existing adjacent plaster wall surfaces from damage.

XXXX. Remove existing millwork including countertops (where occurs). Protect existing adjacent plaster wall surfaces from damage.

YYYY. Remove existing millwork including countertops (where occurs). Protect existing adjacent plaster wall surfaces from damage.

ZZZZ. Remove existing millwork including countertops (where occurs). Protect existing adjacent plaster wall surfaces from damage.

AAAAAA. Remove existing millwork including countertops (where occurs). Protect existing adjacent plaster wall surfaces from damage.

BBBBBB. Remove existing millwork including countertops (where occurs). Protect existing adjacent plaster wall surfaces from damage.

CCCCCC. Remove existing millwork including countertops (where occurs). Protect existing adjacent plaster wall surfaces from damage.

DDDDD. Remove existing millwork including countertops (where occurs). Protect existing adjacent plaster wall surfaces from damage.

EEEEEE. Remove existing millwork including countertops (where occurs). Protect existing adjacent plaster wall surfaces from damage.

FFFFF. Remove existing millwork including countertops (where occurs). Protect existing adjacent plaster wall surfaces from damage.

GGGGG. Remove existing millwork including countertops (where occurs). Protect existing adjacent plaster wall surfaces from damage.

HHHHH. Remove existing millwork including countertops (where occurs). Protect existing adjacent plaster wall surfaces from damage.

IIIII. Remove existing millwork including countertops (where occurs). Protect existing adjacent plaster wall surfaces from damage.

JJJJJ. Remove existing millwork including countertops (where occurs). Protect existing adjacent plaster wall surfaces from damage.

KKKKK. Remove existing millwork including countertops (where occurs). Protect existing adjacent plaster wall surfaces from damage.

LLLLL. Remove existing millwork including countertops (where occurs). Protect existing adjacent plaster wall surfaces from damage.

PPPPP. Remove existing millwork including countertops (where occurs). Protect existing adjacent plaster wall surfaces from damage.

QQQQQ. Remove existing millwork including countertops (where occurs). Protect existing adjacent plaster wall surfaces from damage.

RRRRR. Remove existing millwork including countertops (where occurs). Protect existing adjacent plaster wall surfaces from damage.

SSSSS. Remove existing millwork including countertops (where occurs). Protect existing adjacent plaster wall surfaces from damage.

TTTTT. Remove existing millwork including countertops (where occurs). Protect existing adjacent plaster wall surfaces from damage.

UUUUU. Remove existing millwork including countertops (where occurs). Protect existing adjacent plaster wall surfaces from damage.

VVVVV. Remove existing millwork including countertops (where occurs). Protect existing adjacent plaster wall surfaces from damage.

WWWWW. Remove existing millwork including countertops (where occurs). Protect existing adjacent plaster wall surfaces from damage.

XXXXX. Remove existing millwork including countertops (where occurs). Protect existing adjacent plaster wall surfaces from damage.

YYYYY. Remove existing millwork including countertops (where occurs). Protect existing adjacent plaster wall surfaces from damage.

ZZZZZ. Remove existing millwork including countertops (where occurs). Protect existing adjacent plaster wall surfaces from damage.

AAAAAA. Remove existing millwork including countertops (where occurs). Protect existing adjacent plaster wall surfaces from damage.

BBBBBB. Remove existing millwork including countertops (where occurs). Protect existing adjacent plaster wall surfaces from damage.

CCCCCC. Remove existing millwork including countertops (where occurs). Protect existing adjacent plaster wall surfaces from damage.

DDDDD. Remove existing millwork including countertops (where occurs). Protect existing adjacent plaster wall surfaces from damage.

EEEEEE. Remove existing millwork including countertops (where occurs). Protect existing adjacent plaster wall surfaces from damage.

FFFFF. Remove existing millwork including countertops (where occurs). Protect existing adjacent plaster wall surfaces from damage.

GGGGG. Remove existing millwork including countertops (where occurs). Protect existing adjacent plaster wall surfaces from damage.

HHHHH. Remove existing millwork including countertops (where occurs). Protect existing adjacent plaster wall surfaces from damage.

IIIII. Remove existing millwork including countertops (where occurs). Protect existing adjacent plaster wall surfaces from damage.

JJJJJ. Remove existing millwork including countertops (where occurs). Protect existing adjacent plaster wall surfaces from damage.

KKKKK. Remove existing millwork including countertops (where occurs). Protect existing adjacent plaster wall surfaces from damage.

LLLLL. Remove existing millwork including countertops (where occurs). Protect existing adjacent plaster wall surfaces from damage.

PPPPP. Remove existing millwork including countertops (where occurs). Protect existing adjacent plaster wall surfaces from damage.

QQQQQ. Remove existing millwork including countertops (where occurs). Protect existing adjacent plaster wall surfaces from damage.

RRRRR. Remove existing millwork including countertops (where occurs). Protect existing adjacent plaster wall surfaces from damage.

SSSSS. Remove existing millwork including countertops (where occurs). Protect existing adjacent plaster wall surfaces from damage.

TTTTT. Remove existing millwork including countertops (where occurs). Protect existing adjacent plaster wall surfaces from damage.

UUUUU. Remove existing millwork including countertops (where occurs). Protect existing adjacent plaster wall surfaces from damage.

VVVVV. Remove existing millwork including countertops (where occurs). Protect existing adjacent plaster wall surfaces from damage.

WWWWW. Remove existing millwork including countertops (where occurs). Protect existing adjacent plaster wall surfaces from damage.

XXXXX. Remove existing millwork including countertops (where occurs). Protect existing adjacent plaster wall surfaces from damage.

YYYYY. Remove existing millwork including countertops (where occurs). Protect existing adjacent plaster wall surfaces from damage.

ZZZZZ. Remove existing millwork including countertops (where occurs). Protect existing adjacent plaster wall surfaces from damage.

AAAAAA. Remove existing millwork including countertops (where occurs). Protect existing adjacent plaster wall surfaces from damage.
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 bid.

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

02.30 Remove existing light fixture, complete - re: electrical

02.31 Remove existing acoustic ceiling tile system back to existing plaster ceiling system. Remove adhesive and create flush and level surface for new ceiling system.
GENERAL PARTITION NOTES:

1. Partition type indications are independent of applied finishes. See finish plans and elevations for confirmation. Such requirements also apply to all finished partitions, except as noted otherwise.

2. Where partition type designation on finish plans differs from that designated for the partition, contact the architect.

3. At all interior walls, the studs, insulation, and gypsum board are to extend to the roof deck above, unless noted otherwise.

4. Use studs of depth indicated by this set of documents. The depth stated by the referenced approval or test report is the minimum depth allowed in these documents. See structural documents for additional information pertaining to the depth of steel components.

5. Provide control joints in metal framed walls at approximately 30 feet on center. Locate at corner above doors or inside corner of pilasters or other inconspicuous locations where possible. Consult with architect prior to commencing framing.

6. All dimensions are center of stud or face of concrete, masonry, or rough opening unless noted otherwise. Face of finish plans and/or interior elevations.

7. Where partition type designation on finish plans and/or interior elevations is intermitted by doors or windows, install joints at ½ inch maximum at all sides maximum. The opening for ducts or large penetrations shall be framed with a header. Add an angled corner brace if the gap exceeds 3” from framing to the opening.

8. Wall types not noted are assumed to match adjacent rooms. See sheets for specifications.

9. All metal stud partitions are considered acoustic partitions and are to receive a type 1 sound attenuation blanket. Thickness will be noted as FOW.

10. Provide control joints in metal framed walls at approximately 30 feet on center. Locate at corner above doors or inside corner of pilasters or other inconspicuous locations where possible. Consult with architect prior to commencing framing.

11. At wall openings for penetration of pipes, ducts, devices, etc., gypsum board is to be cut to match the shape and dimension of the opening, glazed partitions, etc., construction above the fin. Notify architect of any discrepancies.

12. At all partition locations, both horizontally and vertically, use a ¾” joint at all sides maximum. Such requirements also apply to all finished partitions, except as noted otherwise.

13. Where there is limited water exposure: install one layer of 5/8” type X water resistant gypsum board per ASTM C1396 (where required). Install fire retardant gypsum board occurs) of basic partition at the following locations: a. Within 2 feet horizontally and 4 feet vertically of janitors sinks. b. At other locations, i.e. toilet rooms and kitchens, and as indicated on the architectural finish plans and/or interior elevations.

14. Contractor to provide blocking/backing for all wall mounted equipment. See finish plans and interior elevations for cabinets, grab bars, etc. Install blocking as detailed or as required to mount such devices. All wood blocking is to be treated. Install as per details.

15. Notify architect of any discrepancies.
CEILING PLAN LEGEND:
- Exit sign
- Smoke detector
- Fire sprinkler
- WiFi Extender
- Ceiling fan
- Supply grille
- Return grille

EC Lines are to be added for coordinate grid

CEILING TYPE LEGEND:
- C01: 1' x 1' acoustical ceiling tile over existing plaster ceiling system. Patch and repair existing plaster ceiling as required.

A. Dimensions are to center line of light fixture, device, or grille.
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. Refer to architectural drawings for locations of mechanical grilles, and to mechanical drawings for quantities and types.
F. Refer to architectural drawings for locations of light fixtures and to electrical drawings for quantities and types.
G. All ceiling heights indicated are the elevation of the bottom of the ceiling from the top of the concrete floor slab.
H. All type "C02" ceilings in restrooms, janitor rooms, locker rooms, showers, & wet areas shall be epoxy paint.
I. Add unfaced sound batt insulation above all restroom ceilings.
J. Acoustical ceilings tiles are to be configured such that no less than one-half a border tile exists adjacent to any wall, unless noted otherwise.

GENERAL CEILING NOTES:
- New ceiling mounted exhaust fan in existing plaster/gypsum board ceiling - re: mechanical. Patch and repair existing plaster/gypsum board ceiling at location of demolished exhaust fan as required - paint. Patch and repair existing single-ply roof system as required at location of new mechanical penthouse on roof.
- Patch and repair existing plaster ceiling as required - paint as per finish schedule.
- Light fixture - re: electrical.

KEYED NOTES:

NO. 500963-0301
I. The Contractor shall coordinate all finishes.

H. All carpet to be laid in vertical ashlar. Architect to monitor.

E. All countertop, backsplashes, and edge banding to have coordinating finishes.

F. All transitions from carpet/linoleum to tile are to utilize the expansion joint with colored sealant in top 1/2".

G. All exterior metal and aluminum trimwork to be finished with anodized or color sealed finish.

A. All exterior metal and aluminum trimwork to be finished with anodized or color sealed finish.

B. All exterior metal and aluminum trimwork to be finished with anodized or color sealed finish.

C. All exterior metal and aluminum trimwork to be finished with anodized or color sealed finish.

D. All exterior metal and aluminum trimwork to be finished with anodized or color sealed finish.

G. All exterior metal and aluminum trimwork to be finished with anodized or color sealed finish.

F. All exterior metal and aluminum trimwork to be finished with anodized or color sealed finish.

E. All exterior metal and aluminum trimwork to be finished with anodized or color sealed finish.

D. All exterior metal and aluminum trimwork to be finished with anodized or color sealed finish.

C. All exterior metal and aluminum trimwork to be finished with anodized or color sealed finish.

B. All exterior metal and aluminum trimwork to be finished with anodized or color sealed finish.

A. All exterior metal and aluminum trimwork to be finished with anodized or color sealed finish.

G. All exterior metal and aluminum trimwork to be finished with anodized or color sealed finish.

F. All exterior metal and aluminum trimwork to be finished with anodized or color sealed finish.

E. All exterior metal and aluminum trimwork to be finished with anodized or color sealed finish.

D. All exterior metal and aluminum trimwork to be finished with anodized or color sealed finish.

C. All exterior metal and aluminum trimwork to be finished with anodized or color sealed finish.

B. All exterior metal and aluminum trimwork to be finished with anodized or color sealed finish.

A. All exterior metal and aluminum trimwork to be finished with anodized or color sealed finish.

G. All exterior metal and aluminum trimwork to be finished with anodized or color sealed finish.

F. All exterior metal and aluminum trimwork to be finished with anodized or color sealed finish.

E. All exterior metal and aluminum trimwork to be finished with anodized or color sealed finish.

D. All exterior metal and aluminum trimwork to be finished with anodized or color sealed finish.

C. All exterior metal and aluminum trimwork to be finished with anodized or color sealed finish.

B. All exterior metal and aluminum trimwork to be finished with anodized or color sealed finish.

A. All exterior metal and aluminum trimwork to be finished with anodized or color sealed finish.

G. All exterior metal and aluminum trimwork to be finished with anodized or color sealed finish.

F. All exterior metal and aluminum trimwork to be finished with anodized or color sealed finish.

E. All exterior metal and aluminum trimwork to be finished with anodized or color sealed finish.

D. All exterior metal and aluminum trimwork to be finished with anodized or color sealed finish.

C. All exterior metal and aluminum trimwork to be finished with anodized or color sealed finish.

B. All exterior metal and aluminum trimwork to be finished with anodized or color sealed finish.

A. All exterior metal and aluminum trimwork to be finished with anodized or color sealed finish.

G. All exterior metal and aluminum trimwork to be finished with anodized or color sealed finish.

F. All exterior metal and aluminum trimwork to be finished with anodized or color sealed finish.

E. All exterior metal and aluminum trimwork to be finished with anodized or color sealed finish.

D. All exterior metal and aluminum trimwork to be finished with anodized or color sealed finish.

C. All exterior metal and aluminum trimwork to be finished with anodized or color sealed finish.

B. All exterior metal and aluminum trimwork to be finished with anodized or color sealed finish.

A. All exterior metal and aluminum trimwork to be finished with anodized or color sealed finish.

G. All exterior metal and aluminum trimwork to be finished with anodized or color sealed finish.

F. All exterior metal and aluminum trimwork to be finished with anodized or color sealed finish.

E. All exterior metal and aluminum trimwork to be finished with anodized or color sealed finish.

D. All exterior metal and aluminum trimwork to be finished with anodized or color sealed finish.

C. All exterior metal and aluminum trimwork to be finished with anodized or color sealed finish.

B. All exterior metal and aluminum trimwork to be finished with anodized or color sealed finish.

A. All exterior metal and aluminum trimwork to be finished with anodized or color sealed finish.
GENERAL FINISH NOTES:

A. Provide epoxy paint at walls and ceilings at all toilet rooms, janitor rooms, and wet or damp areas.
B. All transitions to be located at center of door, unless noted otherwise.
C. All carpet to be laid in vertical ashlar. Architect to monitor.
D. Coordinate all millwork with appliances before fabrication.
E. All countertop, backsplashes, and edge banding to have coordinating finishes.
F. All transitions from carpet/linoleum to tile are to utilize the Reno-U transition strip.
G. All new interior stud wall framing and gypsum board to run from gypsum board exposed to view shall be painted.
H. All carpet to be laid in vertical ashlar. Architect to monitor.
I. The Contractor shall coordinate all finishes.
J. No. 500963-0301 PANTONE

TOTAL PROJECT SHEET COUNT:

2150

PROJECT NUMBER:

2150

DATE:

10.26.22

STORAGE

ENTRY

BREAK ROOM

HALLWAY

OFFICE

STORAGE

HALLWAY

STORAGE

STORAGE

STORAGE

FLOOR MATERIALS

WALL MATERIALS

CEILING MATERIALS

MILLWORK FINISHES

MILLWORK SPECIALTIES

W02

S03

S02

S01

M04

M03

M02

M01

C02

C01

B02

B01

F05

F04

F03

F02

F01

ID

STORAGE

ENTRY

BREAK ROOM

HALLWAY

OFFICE

STORAGE

HALLWAY

STORAGE

STORAGE

STORAGE

4TH LEVEL FINISH & SIGNAGE PLAN

A1.41
GENERAL EXTERIOR ELEVATION NOTES:
A. Contractor shall leave a 3/4" gap between all dissimilar materials - typ. Gap shall be filled with backer rod and sealant. Coordinate sealant color with Architect.
B. Contractor shall paint all vent pipes, exhaust fans, and other roof top equipment and penetrations that are visible from the ground plane.
C. Re: electrical drawings for lighting, etc. Contractor shall paint all electrical panels and other electrical equipment - coordinate paint color with Architect.
D. Existing steel pipe railing/guardrail - prepare and paint.
E. Install existing glass pane (Furnished by Owner) in existing window sash at location of removed window mounted evaporative cooler system. Install new glazing stops and gaskets.
F. Aluminum storefront entrance door system in existing masonry opening - re: door schedule and details.
G. Condensing unit on mechanical pad - re: mechanical.
H. Existing electrical equipment - paint.
I. Gas service location - re: plumbing. Provide 5’x3’x4" thick concrete pad over 4" compacted gravel base. Remove and replace existing sod with new as required for new utility trench.

1/4" = 1'-0"
GENERAL EXTERIOR ELEVATION NOTES:

A. Contractor shall leave a 3/4" gap between all dissimilar materials - typ. Gap shall be filled with backer rod and sealant. Coordinate sealant color with Architect.

B. Contractor shall paint all vent pipes, exhaust fans, and other roof top equipment and penetrations that are visible from the ground plane. 

C. Re: electrical drawings for lighting, etc. Contractor shall paint all electrical panels and other electrical equipment - coordinate paint color with Architect.

05.01 Existing steel pipe railing/guardrail - prepare and paint

05.02 Remove existing chain link fencing/guardrail system, complete. Install new 42" high vinyl coated chain link guardrail system. Install vertical posts at same location of previous guardrail system and grout in place.

07.04 Fill existing foundation wall vent opening with 2" polyisocyanurate insulation board. Cap opening with galvanized sheet metal cap and seal airtight - paint sheet metal to match existing brick veneer - re: mechanical.

08.03 Install existing glass pane (Furnished by Owner) in existing window sash at location of removed window mounted evaporative cooler system. Install new glazing stops and gaskets.

08.05 Aluminum storefront entrance door system in existing masonry opening - re: door schedule and details

08.06 Install existing glass pane (Furnished by Owner) in existing window sash at location of removed obscure glazing.

23.02 Condensing unit on mechanical pad - re: mechanical.

26.01 Light fixture - re: electrical.
**GENERAL MILLWORK NOTES:**
1. Base Cabinet Plan Detail - Re: 01/A6.1
2. Typical Toe Kick Detail - Re: 04/A6.1
3. Typical Millwork Anchoring Detail - Re: 03/A6.1

**TYPICAL MILLWORK DETAILS:**

**GENERAL MILLWORK NOTES:**

**MILLWORK HARDWARE SCHEDULE**

- **Type**
  - Door Stopper
  - Door Latch
  - Drawer Slide
  - Pull
  - Pivot Hinge

- **Product**
  - Melamine
  - Plastic Laminate
  - Solid Surface
  - Base
  - Cabinet
  - Veneer
  - Vinyl

- **Model**
  - 70T5650
  - 239.41.013
  - 3348
  - 733313 29 047
  - 733313 29 051
  - 733313 29 047

- **Manufacturer**
  - Roppe
  - Wilsonart
  - USDOT
  - Hafele/Accuride
  - USFUTABA
  - National Locks
  - Doug Mockett
  - Blum

**MILLWORK FINISH MATERIAL LEGEND**

<table>
<thead>
<tr>
<th>Type</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>Interior</td>
<td>Peace Grey</td>
</tr>
<tr>
<td>Cabinet</td>
<td>White</td>
</tr>
<tr>
<td>Door</td>
<td>123 Charcoal</td>
</tr>
<tr>
<td>Door Leaf</td>
<td>Peace Grey</td>
</tr>
<tr>
<td>Door Frame</td>
<td>Black</td>
</tr>
<tr>
<td>Transom</td>
<td>Peace Grey</td>
</tr>
<tr>
<td>Door Trim</td>
<td>Peace Grey</td>
</tr>
<tr>
<td>Door Handle</td>
<td>Matt Chrome</td>
</tr>
<tr>
<td>Hardware</td>
<td>Black</td>
</tr>
<tr>
<td>Pull</td>
<td>Black</td>
</tr>
<tr>
<td>Pivot Hinge</td>
<td>Matt Chrome</td>
</tr>
</tbody>
</table>

**PERMIT SET:**

**DATE:**

**PROJECT NUMBER:**

**STUDIO 333 ARCHITECTS**

1950 MONROE BLVD, OGDEN, UT

801.394.3033

OGDEN, UT  84401

STUDIO 333 ARCHITECTS

801.394.3033

© 2021 Studio 333 Architects All Rights Reserved

**KEYED NOTES:**

- 06.07
  - Typical Toe Kick Detail - Re: 04/A6.1
  - Typical Millwork Anchoring Detail - Re: 03/A6.1
  - BIMcloud: 25 - BIMcloud Basic for Archicad 25/2150 OCS - ANNEX BUILDING REMODEL

- **Type**
  - Door Stopper
  - Door Latch
  - Drawer Slide
  - Pull
  - Pivot Hinge

- **Product**
  - Melamine
  - Plastic Laminate
  - Solid Surface
  - Base
  - Cabinet
  - Veneer
  - Vinyl

- **Model**
  - 70T5650
  - 239.41.013
  - 3348
  - 733313 29 047
  - 733313 29 051
  - 733313 29 047

- **Manufacturer**
  - Roppe
  - Wilsonart
  - USDOT
  - Hafele/Accuride
  - USFUTABA
  - National Locks
  - Doug Mockett
  - Blum

**MILLWORK FINISH MATERIAL LEGEND**

<table>
<thead>
<tr>
<th>Type</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>Interior</td>
<td>Peace Grey</td>
</tr>
<tr>
<td>Cabinet</td>
<td>White</td>
</tr>
<tr>
<td>Door</td>
<td>123 Charcoal</td>
</tr>
<tr>
<td>Door Leaf</td>
<td>Peace Grey</td>
</tr>
<tr>
<td>Door Frame</td>
<td>Black</td>
</tr>
<tr>
<td>Transom</td>
<td>Peace Grey</td>
</tr>
<tr>
<td>Door Trim</td>
<td>Peace Grey</td>
</tr>
<tr>
<td>Door Handle</td>
<td>Matt Chrome</td>
</tr>
<tr>
<td>Hardware</td>
<td>Black</td>
</tr>
<tr>
<td>Pull</td>
<td>Black</td>
</tr>
<tr>
<td>Pivot Hinge</td>
<td>Matt Chrome</td>
</tr>
</tbody>
</table>

**PERMIT SET:**

**DATE:**

**PROJECT NUMBER:**

**STUDIO 333 ARCHITECTS**

1950 MONROE BLVD, OGDEN, UT

801.394.3033

OGDEN, UT  84401

STUDIO 333 ARCHITECTS

801.394.3033

© 2021 Studio 333 Architects All Rights Reserved

**KEYED NOTES:**

- 06.07
  - Typical Toe Kick Detail - Re: 04/A6.1
  - Typical Millwork Anchoring Detail - Re: 03/A6.1
  - BIMcloud: 25 - BIMcloud Basic for Archicad 25/2150 OCS - ANNEX BUILDING REMODEL

- **Type**
  - Door Stopper
  - Door Latch
  - Drawer Slide
  - Pull
  - Pivot Hinge

- **Product**
  - Melamine
  - Plastic Laminate
  - Solid Surface
  - Base
  - Cabinet
  - Veneer
  - Vinyl

- **Model**
  - 70T5650
  - 239.41.013
  - 3348
  - 733313 29 047
  - 733313 29 051
  - 733313 29 047

- **Manufacturer**
  - Roppe
  - Wilsonart
  - USDOT
  - Hafele/Accuride
  - USFUTABA
  - National Locks
  - Doug Mockett
  - Blum

**MILLWORK FINISH MATERIAL LEGEND**

<table>
<thead>
<tr>
<th>Type</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>Interior</td>
<td>Peace Grey</td>
</tr>
<tr>
<td>Cabinet</td>
<td>White</td>
</tr>
<tr>
<td>Door</td>
<td>123 Charcoal</td>
</tr>
<tr>
<td>Door Leaf</td>
<td>Peace Grey</td>
</tr>
<tr>
<td>Door Frame</td>
<td>Black</td>
</tr>
<tr>
<td>Transom</td>
<td>Peace Grey</td>
</tr>
<tr>
<td>Door Trim</td>
<td>Peace Grey</td>
</tr>
<tr>
<td>Door Handle</td>
<td>Matt Chrome</td>
</tr>
<tr>
<td>Hardware</td>
<td>Black</td>
</tr>
<tr>
<td>Pull</td>
<td>Black</td>
</tr>
<tr>
<td>Pivot Hinge</td>
<td>Matt Chrome</td>
</tr>
</tbody>
</table>

**PERMIT SET:**

**DATE:**

**PROJECT NUMBER:**

**STUDIO 333 ARCHITECTS**

1950 MONROE BLVD, OGDEN, UT

801.394.3033

OGDEN, UT  84401

STUDIO 333 ARCHITECTS

801.394.3033

© 2021 Studio 333 Architects All Rights Reserved

**KEYED NOTES:**

- 06.07
  - Typical Toe Kick Detail - Re: 04/A6.1
  - Typical Millwork Anchoring Detail - Re: 03/A6.1
  - BIMcloud: 25 - BIMcloud Basic for Archicad 25/2150 OCS - ANNEX BUILDING REMODEL

- **Type**
  - Door Stopper
  - Door Latch
  - Drawer Slide
  - Pull
  - Pivot Hinge

- **Product**
  - Melamine
  - Plastic Laminate
  - Solid Surface
  - Base
  - Cabinet
  - Veneer
  - Vinyl

- **Model**
  - 70T5650
  - 239.41.013
  - 3348
  - 733313 29 047
  - 733313 29 051
  - 733313 29 047

- **Manufacturer**
  - Roppe
  - Wilsonart
  - USDOT
  - Hafele/Accuride
  - USFUTABA
  - National Locks
  - Doug Mockett
  - Blum

**MILLWORK FINISH MATERIAL LEGEND**

<table>
<thead>
<tr>
<th>Type</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>Interior</td>
<td>Peace Grey</td>
</tr>
<tr>
<td>Cabinet</td>
<td>White</td>
</tr>
<tr>
<td>Door</td>
<td>123 Charcoal</td>
</tr>
<tr>
<td>Door Leaf</td>
<td>Peace Grey</td>
</tr>
<tr>
<td>Door Frame</td>
<td>Black</td>
</tr>
<tr>
<td>Transom</td>
<td>Peace Grey</td>
</tr>
<tr>
<td>Door Trim</td>
<td>Peace Grey</td>
</tr>
<tr>
<td>Door Handle</td>
<td>Matt Chrome</td>
</tr>
<tr>
<td>Hardware</td>
<td>Black</td>
</tr>
<tr>
<td>Pull</td>
<td>Black</td>
</tr>
<tr>
<td>Pivot Hinge</td>
<td>Matt Chrome</td>
</tr>
</tbody>
</table>
GENERAL MILLWORK NOTES:

A. Provide base at all cabinet toe spaces, unless otherwise noted.

B. Provide grommet where “G” is indicated on plans and/or interior elevations.

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

D. Provide filler panels to seal sides and tops of all cabinets placed at an angle to adjacent walls.

E. All millwork with exposed ends shall have 3/4” finished end panels - typical.

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. Refer to specifications for finishes on all millwork and casework.

H. All cabinet interiors concealed from view by cabinet doors shall be covered in melamine laminate as per specifications. All cabinet interiors open to view shall be covered in the laminate or veneer utilized on the exterior of the cabinet.

TYPICAL MILLWORK DETAILS:

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

MILLWORK FINISH MATERIAL LEGEND

Interior cabinet finish - white to match Owner’s sample

Plastic Laminate

Note: Provide PVC edge banding on edges at shelves behind doors, color to match (M01 - Wilsonart - Grey Elm)

Melamine

- Color:
  - Grey Elm
  - White

Roppe

Base - 123 Charcoal

Wilsonart

Solid surface - Peace Grey

MILLWORK HARDWARE SCHEDULE

<table>
<thead>
<tr>
<th>TYPE</th>
<th>MANUF.</th>
<th>PRODUCT</th>
<th>DESCRIPTION/NOTES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hinges</td>
<td>Blum</td>
<td>70T5650</td>
<td>Finish: Black; Coord. size &amp; locations w/ owner</td>
</tr>
<tr>
<td>Pulls</td>
<td>Doug Mockett</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Locks</td>
<td>National Locks</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Drawers Slides</td>
<td>Hafele/ Accuride</td>
<td>3348</td>
<td>Provide the 150 lbs drawer slides at all drawer locations</td>
</tr>
<tr>
<td>Countertop Support</td>
<td>2 1/4&quot; grommet cover</td>
<td>Finish: Black; Coord. size &amp; locations w/ owner</td>
<td></td>
</tr>
<tr>
<td>Touch latch</td>
<td></td>
<td>Magnetic touch latch (Single Latch #733313 29 047, Double Latch #733313 29 051)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

EDITORS NOTES:

09.01: Redraw wood clad and glass block on west gable as per design.

09.02: Do not extend plaster to front of door frame.

10.01: Door frame and transom panel to be painted.

KEYED NOTES:

No. 500963-0301

PANTONE

T 110

C 55

M 40

Y 0

K 0

TONY

GUARDIAN NOTES:

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

© 2021 Studio 333 Architects All Rights Reserved

INTERIOR ELEVATIONS

OCS - ANNEX BUILDING REMODEL
1950 MONROE BLVD, OGDEN, UT
1. All signs shall be detailed per A203.5.1, and shall include grade 2 braille. Characters and their backgrounds shall have a non-glare contrast with their background with either light characters on a dark background or dark characters on a light background.

2. All sanitary facilities must be identified, including international symbols of accessibility and corresponding icons.

3. ADA compliant room sign w/ braille - typ. 18"x18" clearance space - typ.

4. All signage is permitted to be grouped and posted over the same sign slot as needed.

5. Note: with only braille, and because sign height above the 5'-0" level is seldom practical, signs at the 1'-6" level and above shall be accompanied by tactile characters or braille.
DOOR & FRAME ELEVATIONS

OPENING ELEVATIONS

DOOR SCHEDULE

GROUP 1 - Office

1. (1) Kick plate (color to match door hardware); push side only.
2. (1) Push bar; match pull
3. (3) Pair hinges; TA2714 4.5X4; satin nickel US26D
4. (1) Latchset: Series (Privacy lock); satin nickel
5. (1) Narrow butt lock set; satin nickel
6. (1) Narrow strike plate; satin nickel
7. (1) Vinyl sign that states "This Door to Remain Unlocked During Business Hours".
8. The Contractor shall be responsible for coordinating the door hardware installation throughout the project to ensure consistent dimensions and hardware are to be bid for this opening: door type: A; hardware type: 1.

GROUP 2 - Storage / Janitor:

1. (1) Latchset: Series (Privacy lock); satin nickel
2. (1) Narrow butt lock set; satin nickel
3. (1) Narrow strike plate; satin nickel
4. (1) Vinyl sign that states "This Door to Remain Unlocked During Business Hours".
5. The Contractor shall be responsible for coordinating the door hardware installation throughout the project to ensure consistent dimensions and hardware are to be bid for this opening: door type: A; hardware type: 1.
Aluminum frame

Scheduled window
Scheduled door
Aluminum frame
Steel reinforcing as req'd.

Existing brick veneer
Existing plaster wall
finish - patch and repair as required
New plaster wall
finish - paint
Continuous sealant
Color compatible sealant and backer rod
Metal corner bead
Aluminum frame
Existing wood framing - verify

Existing brick veneer
Existing plaster wall
finish
Continuous sealant
Color compatible sealant & backer rod

Existing aluminum window
Existing wood framing - verify

OPENING DETAILS - STOREFRONT (CENTER GLAZED)

PERMIT SET
DATE: 10.26.22
PROJECT NUMBER: 2150

© 2021 Studio 333 Architects All Rights Reserved
STUDIO 333 ARCHITECTS
333 24TH STREET
OGDEN, UT 84401
801.394.3033

BIMcloud: 25 - BIMcloud Basic for Archicad 25/2150 OCS - ANNEX BUILDING REMODEL
1950 MONROE BLVD, OGDEN, UT
REFERENCE NOTES

1. REMOVE EXISTING STEAM AND CONDENSATE BRANCH PIPING TO STEAM RADIATOR COMPLETE. REMOVE ALL ASSOCIATED STEAM VALVES, CONDENSATE TRAPS AND PIPE SUPPORTS.

2. REMOVE EXISTING STEAM MAIN COMPLETE. REMOVE ALL ASSOCIATED PIPE SUPPORTS.

3. REMOVE EXISTING CONDENSATE MAIN COMPLETE. REMOVE ALL ASSOCIATED PIPE SUPPORTS.

4. REMOVE EXISTING STEAM DUCT FROM JOIST SPACE COMPLETE.

5. REMOVE R.A. DUCT COMPLETE.

6. REMOVE EXISTING WATER COOLED AC UNIT COMPLETE. REMOVE AND SALVAGE REFRIGERANT. REMOVE ALL ASSOCIATED DUCTWORK AND SUPPORTS.

7. REMOVE ALL ASSOCIATED WATER AND DRAINS LINES TO AC UNIT.

8. REMOVE EXISTING R.A. BOOT. SEE DWG M100 FOR NEW WORK REQUIRED.

9. REMOVE EXISTING STEAM CONTROL VALVES COMPLETE. REMOVE ALL ACTUATORS AND CONTROL WIRING.

10. EXISTING ABANDONED STEAM MAIN AND CONDENSATE MAIN. NO WORK REQUIRED.

11. EXISTING STEAM AND CONDENSATE LINES. CUT AND CAP STEAM AND CONDENSATE MAINS NEAR WALL PENETRATION. REMOVE ALL STEAM AND CONDENSATE PIPING DOWNSTREAM.

12. REMOVE ALL ABANDONED, NON-FUNCTIONAL AND DISCONNECTED PIPING THAT IS NOT REUSED AS PART OF THE NEW WORK.
REFERENCE NOTES

- REMOVE EXISTING STEAM RADIATOR COMPLETE. REMOVE ALL CONTROLS AND STEAM PIPING. PATCHING AND REPAIR OF WALL OR FLOOR BY OTHERS (TYP).
- REMOVE EXISTING EVAPORATIVE COOLER COMPLETE.
- EXISTING FLOOR REGISTER TO BE REMOVED AND REPLACED. SEE DRAWING M101 FOR NEW WORK.
- REMOVE EXISTING CEILING VENT COMPLETE. REMOVE ALL ASSOCIATED DUCTWORK.
- EXISTING FLOOR RETURN AIR GRILLE TO BE REMOVED AND REPLACED. SEE DRAWING M101 FOR NEW WORK.
- REMOVE EXISTING STEAM THERMOSTAT COMPLETE. REMOVE ALL ASSOCIATED WIRING AND CONTROLS.
- REMOVE EXISTING THERMOSTAT SERVING AIR CONDITIONING UNIT IN BASEMENT.

SEE DETAIL M2/M503.
REFERENCE NOTES

INSTALL NEW FURNACE AND COOLING COIL IN THIS LOCATION. MOUNT FURNACE ON 8" HIGH PLENUM. SEE DETAIL 1/M502.

RUN NEW REFRIGERANT SUCTION AND LIQUID LINES CLOSE TO STRUCTURE. COORDINATE ROUTING WITH DUCTWORK AND LIGHTING. SEE PIPING SUPPORT DETAILS 2/M501 AND 8/M501.

EXTEND 3" SCH 40 PVC C.A. & FLUE PIPES FROM FURNACE TO ROOF. PROVIDE CONCENTRIC FLUE TERMINATION AT TOP. SEE DETAIL 6/M501.

PROVIDE TURNING VANES AT EACH DUCT ELBOW (TYP).

PROVIDE 12" HIGH LINED R.A. BASE FOR FURNACE. SEE DETAIL 8/M502.

RUN R.A. DUCT UNDER S.A. DUCT.

WHERE REQUIRED, OFFSET DUCTWORK BELOW EXISTING BEAMS AND OTHER OBSTRUCTIONS (TYP).

DROP DUCT DOWN AND RUN UNDER S.A. AIR DUCT THROUGH WALL OPENING. COORDINATE LOCATION OF DUCTWORK WITH EXISTING WALL OPENING.

SUPPLY AND RETURN AIR DUCTS TO RUN THROUGH EXISTING WALL OPENINGS. COORDINATE LOCATION OF DUCTWORK PRIOR TO FABRICATION. MAKE ADJUSTMENTS TO DUCTWORK SIZE AS NEEDED TO ACCOMMODATE EXISTING WALL OPENINGS.

RUN DUCTWORK HIGH CLOSE TO STRUCTURE. COORDINATE LOCATION WITH ELECTRICAL AND PLUMBING TRADES.

PROVIDE RETURN AIR DUCT BOOT TO FLOOR GRILLE ABOVE. SAWCUT EXISTING FLOOR AS NEEDED (TYP).

PROVIDE SUPPLY AIR DUCT BOOT TO FLOOR REGISTER ABOVE (TYP). SAWCUT EXISTING FLOOR AS NEEDED (TYP). SEE DETAIL 1/M503.

VOLUME DAMPER (TYP).

HIGH EFFICIENCY 45 DEG TAKE-OFF (TYP).

CORE DRILL OR SAWCUT EXISTING WALL AS NEEDED TO FACILITATE DUCT INSTALLATION.

CORE DRILL OR SAWCUT EXISTING WALL AS NEEDED FOR COMBUSTION AIR AND FLUE PIPING FOR CONTRIBUTION OF FLUE PIPING TO EXISTING WALL OPENING.

CORE DRILL OR SAWCUT EXISTING WALL AS NEEDED TO FACILITATE DUCT INSTALLATION.

FOR CONTINUATION OF REFRIGERATION PIPING SEE DRAWING M101.

CORE DRILL OR SAWCUT EXISTING WALL AS NEEDED FOR COMBUSTION AIR AND FLUE PIPING FOR CONTRIBUTION OF FLUE PIPING TO EXISTING WALL OPENING.

CORE DRILL OR SAWCUT EXISTING WALL AS NEEDED TO FACILITATE DUCT INSTALLATION.

FOR CONTINUATION OF REFRIGERATION PIPING SEE DRAWING M101.
REFERENCE NOTES

- INSTALL pebble 2 X 4 FLOOR TILES WHERE INDICATED.
- INSTALL pebble 4 X 4 FLOOR TILES WHERE INDICATED.
- INSTALL NEW FLOOR GRILLE WHERE INDICATED. REMOVE EXISTING FLOOR GRILLE AS NEEDED (TYP).

- REPLACE EXISTING FLOOR GRILLE WITH NEW 2 X 4 FLOOR TILES WHERE INDICATED.
- REMOVE EXISTING FLOOR GRILLE AND REPLACE WITH NEW FLOOR GRILLE WHERE INDICATED.
- INSTALL NEW FLOOR REGISTER WHERE INDICATED. REMOVE EXISTING FLOOR REGISTER AND REPLACE WITH NEW REGISTER WHERE INDICATED.

- INSTALL NEW R.A. FLOOR GRILLE WHERE INDICATED. SAWCUT FLOOR AS NEEDED TO MATCH NEW GRILLE (TYP). INSTALL NEW S.A. FLOOR REGISTER WHERE INDICATED. SAWCUT FLOOR AS NEEDED TO MATCH NEW REGISTER (TYP).

- EXTEND E.A. DUCT OF SIZE INDICATED THROUGH WALL. PROVIDE WIRE MOLD TO CONCEAL CONTROL WIRING.
- EXTEND EXHAUST AIR DUCT OF SIZE INDICATED UP TO ROOF. PROVIDE CONCENTRIC FLUE TERMINATION KIT THROUGH EXISTING DUCT CHASE TO ROOF TOP PENTHOUSE. INSTALL ROOF TOP PENTHOUSE ON 12" HIGH ROOF CURB.
- REMOVE EXISTING FLOOR GRILLE AND REPLACE WITH NEW GRILLE (TYP).
- REMOVE EXISTING FLOOR REGISTER AND REPLACE WITH NEW REGISTER WHERE INDICATED.

- INSTALL NEW BASEBOARD HEATING AND REPLACE WITH OLD TYP.
- INSTALL NEW BASEBOARD COOLING AND REPLACE WITH OLD TYP.
- INSTALL NEW CONDENSING UNIT IN THIS LOCATION. MOUNT ROOF TOP PENTHOUSE ON 4 INCH HIGH CONCRETE PAD. SEE DETAIL 2/M502.

- INSTALL CONDENSING UNIT THROUGH FOUNDATION WALL TO ROOF. PROVIDE CONCENTRIC FLUE TERMINATION KIT THROUGH EXISTING DUCT CHASE TO ROOF TOP PENTHOUSE.

- INSTALL FURNACE COOLING COIL. PROVIDE CORE DRILL THROUGH FLOOR AS NEEDED. SEE DETAIL 1/M503 (TYP).
- INSTALL CEILING EXHAUST FAN IN THIS LOCATION.
- INSTALL NEW R.A. FLOOR GRILLE WHERE INDICATED. SAWCUT FLOOR AS NEEDED TO MATCH NEW GRILLE (TYP).

- INSTALL CEILING EXHAUST FAN IN THIS LOCATION.
- INSTALL NEW S.A. FLOOR REGISTER WHERE INDICATED.

- INSTALL INTEGRAL BACKDRAFT DAMPER. SEE DETAIL 4/M502.
- INSTALL PROGRAMMABLE DIGITAL THERMOSTAT WITH AUTOMATIC CHANGE OVER BETWEEN HEATING AND COOLING. MOUNT THERMOSTAT 48 INCHES A.F.F. MAKE ALL REQUIRED CONNECTIONS TO AVERAGING IN SPACES SERVED. INSTALL MASTER THERMOSTAT WITH DOMINO. INSTALL THERMOSTAT IN DUCT CHASE AS NECESSARY.

- INSTALL FURNACE COOLING COIL. PROVIDE CORE DRILL THROUGH FLOOR AS NEEDED. SEE DETAIL 1/M503 (TYP).
- INSTALL CEILING EXHAUST FAN IN THIS LOCATION.
- INSTALL NEW R.A. FLOOR GRILLE WHERE INDICATED. SAWCUT FLOOR AS NEEDED TO MATCH NEW GRILLE (TYP).

- INSTALL NEW S.A. FLOOR REGISTER WHERE INDICATED.

- INSTALL FURNACE COOLING COIL. PROVIDE CORE DRILL THROUGH FLOOR AS NEEDED. SEE DETAIL 1/M503 (TYP).
- INSTALL CEILING EXHAUST FAN IN THIS LOCATION.
- INSTALL NEW R.A. FLOOR GRILLE WHERE INDICATED. SAWCUT FLOOR AS NEEDED TO MATCH NEW GRILLE (TYP).

- INSTALL NEW S.A. FLOOR REGISTER WHERE INDICATED.

- INSTALL INTEGRAL BACKDRAFT DAMPER. SEE DETAIL 4/M502.
- INSTALL MASTER THERMOSTAT WITH DOMINO. INSTALL THERMOSTAT IN DUCT CHASE AS NECESSARY.

- INSTALL PROGRAMMABLE DIGITAL THERMOSTAT WITH AUTOMATIC CHANGE OVER BETWEEN HEATING AND COOLING. MOUNT THERMOSTAT 48 INCHES A.F.F. MAKE ALL REQUIRED CONNECTIONS TO AVERAGING IN SPACES SERVED. INSTALL MASTER THERMOSTAT WITH DOMINO. INSTALL THERMOSTAT IN DUCT CHASE AS NECESSARY.

- INSTALL FURNACE COOLING COIL. PROVIDE CORE DRILL THROUGH FLOOR AS NEEDED. SEE DETAIL 1/M503 (TYP).
- INSTALL CEILING EXHAUST FAN IN THIS LOCATION.
- INSTALL NEW R.A. FLOOR GRILLE WHERE INDICATED. SAWCUT FLOOR AS NEEDED TO MATCH NEW GRILLE (TYP).

- INSTALL NEW S.A. FLOOR REGISTER WHERE INDICATED.

- INSTALL INTEGRAL BACKDRAFT DAMPER. SEE DETAIL 4/M502.
- INSTALL MASTER THERMOSTAT WITH DOMINO. INSTALL THERMOSTAT IN DUCT CHASE AS NECESSARY.

- INSTALL PROGRAMMABLE DIGITAL THERMOSTAT WITH AUTOMATIC CHANGE OVER BETWEEN HEATING AND COOLING. MOUNT THERMOSTAT 48 INCHES A.F.F. MAKE ALL REQUIRED CONNECTIONS TO AVERAGING IN SPACES SERVED. INSTALL MASTER THERMOSTAT WITH DOMINO. INSTALL THERMOSTAT IN DUCT CHASE AS NECESSARY.

- INSTALL FURNACE COOLING COIL. PROVIDE CORE DRILL THROUGH FLOOR AS NEEDED. SEE DETAIL 1/M503 (TYP).
- INSTALL CEILING EXHAUST FAN IN THIS LOCATION.
- INSTALL NEW R.A. FLOOR GRILLE WHERE INDICATED. SAWCUT FLOOR AS NEEDED TO MATCH NEW GRILLE (TYP).

- INSTALL NEW S.A. FLOOR REGISTER WHERE INDICATED.

- INSTALL INTEGRAL BACKDRAFT DAMPER. SEE DETAIL 4/M502.
- INSTALL MASTER THERMOSTAT WITH DOMINO. INSTALL THERMOSTAT IN DUCT CHASE AS NECESSARY.

- INSTALL PROGRAMMABLE DIGITAL THERMOSTAT WITH AUTOMATIC CHANGE OVER BETWEEN HEATING AND COOLING. MOUNT THERMOSTAT 48 INCHES A.F.F. MAKE ALL REQUIRED CONNECTIONS TO AVERAGING IN SPACES SERVED. INSTALL MASTER THERMOSTAT WITH DOMINO. INSTALL THERMOSTAT IN DUCT CHASE AS NECESSARY.

- INSTALL FURNACE COOLING COIL. PROVIDE CORE DRILL THROUGH FLOOR AS NEEDED. SEE DETAIL 1/M503 (TYP).
- INSTALL CEILING EXHAUST FAN IN THIS LOCATION.
- INSTALL NEW R.A. FLOOR GRILLE WHERE INDICATED. SAWCUT FLOOR AS NEEDED TO MATCH NEW GRILLE (TYP).

- INSTALL NEW S.A. FLOOR REGISTER WHERE INDICATED.

- INSTALL INTEGRAL BACKDRAFT DAMPER. SEE DETAIL 4/M502.
- INSTALL MASTER THERMOSTAT WITH DOMINO. INSTALL THERMOSTAT IN DUCT CHASE AS NECESSARY.

- INSTALL PROGRAMMABLE DIGITAL THERMOSTAT WITH AUTOMATIC CHANGE OVER BETWEEN HEATING AND COOLING. MOUNT THERMOSTAT 48 INCHES A.F.F. MAKE ALL REQUIRED CONNECTIONS TO AVERAGING IN SPACES SERVED. INSTALL MASTER THERMOSTAT WITH DOMINO. INSTALL THERMOSTAT IN DUCT CHASE AS NECESSARY.
AT JOINTS MENDED
M502 LICENSED PROFESSIONAL ENGINEER STATE OF UTAH No. 174126 PAUL W. LAIRD 10/28/22

All ends of liner to be coated with adhesive... LTB30

8M502

3" SCHED 40 PVC FLUE AND COMB AIR PIPES
CUT AND FRAME ROOF OPENING TO MATCH DUCT SIZE TO DRAIN

© 2021 Studio 333 Architects All Rights Reserved
801.394.3033
333 24TH STREET

DIMENSION OF SIDE TO WHICH ANGLE IS APPLIED.

(2) LONGITUDINAL JOINTS TO BE PITTSBURG OR SNAP LOCK TYPE.

UP THRU 12
13 - 18
31 - 36
LONGEST INCHES

DOUBLE SHEET SIDE, FLOOR PLENUM OF 1" X 18 GAGE STRAP HANGERS AT 8'-0" SPACING.

SCALE: NONE

DUCT STRAP HANGER DETAIL

DUCT CONSTRUCTION DETAIL

EXHAUST DUCT

PENTHOUSE ROOF HOOD DETAIL

MECHANICAL

STUDIO 333 ARCHITECTS
333 24TH STREET
OLDEN, UT 84041
801.394.3033

Olsen & Peterson
consulting engineers, inc.

MECHANICAL

PENTHOUSE ROOF HOOD DETAIL

MECHANICAL

Permit set Date: 10.26.22
Project number: 2150

© 2021 Studio 333 Architects All Rights Reserved
801.394.3033
333 24TH STREET

DIMENSION OF SIDE TO WHICH ANGLE IS APPLIED.

(2) LONGITUDINAL JOINTS TO BE PITTSBURG OR SNAP LOCK TYPE.

UP THRU 12
13 - 18
31 - 36
LONGEST INCHES

DOUBLE SHEET SIDE, FLOOR PLENUM OF 1" X 18 GAGE STRAP HANGERS AT 8'-0" SPACING.

SCALE: NONE

DUCT STRAP HANGER DETAIL

DUCT CONSTRUCTION DETAIL

EXHAUST DUCT

PENTHOUSE ROOF HOOD DETAIL

MECHANICAL

Permit set Date: 10.26.22
Project number: 2150

© 2021 Studio 333 Architects All Rights Reserved
801.394.3033
333 24TH STREET

DIMENSION OF SIDE TO WHICH ANGLE IS APPLIED.

(2) LONGITUDINAL JOINTS TO BE PITTSBURG OR SNAP LOCK TYPE.

UP THRU 12
13 - 18
31 - 36
LONGEST INCHES

DOUBLE SHEET SIDE, FLOOR PLENUM OF 1" X 18 GAGE STRAP HANGERS AT 8'-0" SPACING.

SCALE: NONE

DUCT STRAP HANGER DETAIL

DUCT CONSTRUCTION DETAIL

EXHAUST DUCT

PENTHOUSE ROOF HOOD DETAIL

MECHANICAL

Permit set Date: 10.26.22
Project number: 2150

© 2021 Studio 333 Architects All Rights Reserved
801.394.3033
333 24TH STREET

DIMENSION OF SIDE TO WHICH ANGLE IS APPLIED.

(2) LONGITUDINAL JOINTS TO BE PITTSBURG OR SNAP LOCK TYPE.

UP THRU 12
13 - 18
31 - 36
LONGEST INCHES

DOUBLE SHEET SIDE, FLOOR PLENUM OF 1" X 18 GAGE STRAP HANGERS AT 8'-0" SPACING.

SCALE: NONE

DUCT STRAP HANGER DETAIL

DUCT CONSTRUCTION DETAIL

EXHAUST DUCT

PENTHOUSE ROOF HOOD DETAIL

MECHANICAL

Permit set Date: 10.26.22
Project number: 2150

© 2021 Studio 333 Architects All Rights Reserved
801.394.3033
333 24TH STREET
ROUND S.A. DUCT TO RUN HIGH BETWEEN FLOOR JOISTS OR CLOSE TO STRUCTURE.

FABRICATE DUCT BOOT TRANSITION.

INSULATE ROUND S.A. DUCT WITH 1-1/2" DUCT WRAP INSULATION.

EXISTING FOUNDATION WALL OPENING
CUT INSULATION TO FIT TIGHTLY IN EXISTING OPENING
EXISTING GRILLE TO REMAIN INTACT

EXISTING FOUNDATION WALL OPENING
CUT INSULATION TO FIT TIGHTLY IN EXISTING OPENING
CAULK AIR TIGHT - ALL SIDES
EXISTING FOUNDATION WALL

MECHANICAL

PERMIT SET
DATE: 10.26.22
PROJECT NUMBER: 2150
## Furnace and Cooling Coil Schedule

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Furnace</th>
<th>Type</th>
<th>Model</th>
<th>Capacity</th>
<th>Eff.</th>
<th>H.P.</th>
<th>V Type</th>
<th>Volts</th>
<th>RPM</th>
<th>Phase</th>
<th>Color</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>RG-1</td>
<td>F-1</td>
<td>R-410A</td>
<td>60,000</td>
<td>95°F</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Refrigerant Piping Schedule

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Refrigerant</th>
<th>Line Type</th>
<th>Temperature</th>
<th>Size</th>
<th>Material</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Liquid</td>
<td>3/4&quot;</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Suction</td>
<td>3/4&quot;</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

## Exhaust Fan Schedule

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Size</th>
<th>Type</th>
<th>Motor</th>
<th>Model</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>C.F.M</td>
<td></td>
<td>V Type</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

## Register and Grille Schedule

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Type</th>
<th>Width</th>
<th>Height</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>12&quot; x 24&quot;</td>
<td>12&quot;</td>
<td>21/4&quot;</td>
<td></td>
</tr>
<tr>
<td></td>
<td>24&quot; x 24&quot;</td>
<td>24&quot;</td>
<td>1/2&quot;</td>
<td></td>
</tr>
</tbody>
</table>

## Penthouse Schedule

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Type</th>
<th>Width</th>
<th>Height</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Exhaust Air</td>
<td>12&quot; x 12&quot;</td>
<td>12&quot;</td>
<td>95°F</td>
</tr>
</tbody>
</table>

## Condensing Unit Schedule

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Type</th>
<th>Size</th>
<th>Capacity</th>
<th>Eff.</th>
<th>H.P.</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>60,000</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Register and Grille Schedule

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Size</th>
<th>Width</th>
<th>Height</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>60&quot;</td>
<td>12&quot;</td>
<td></td>
</tr>
</tbody>
</table>

## Notes

1. Furnaces are complete with matching DX cooling coils. Two-speed blower and condensing fan kits.
2. Provide one-UHP and two-UHP for furnace and return for side and bottom duct return. See detail.
3. Provide one-UHP and two-UHP for furnace and return for side and bottom duct return. See detail.
4. Provide one-UHP and two-UHP for furnace and return for side and bottom duct return. See detail.

---

### Register and Grille Schedule

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Size</th>
<th>Width</th>
<th>Height</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>60&quot;</td>
<td>12&quot;</td>
<td></td>
</tr>
</tbody>
</table>

## Penthouse Schedule

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Type</th>
<th>Width</th>
<th>Height</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>60&quot;</td>
<td>12&quot;</td>
<td></td>
</tr>
</tbody>
</table>

### Register and Grille Schedule

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Size</th>
<th>Width</th>
<th>Height</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>60&quot;</td>
<td>12&quot;</td>
<td></td>
</tr>
</tbody>
</table>

## Penthouse Schedule

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Type</th>
<th>Width</th>
<th>Height</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>May</td>
<td>60&quot;</td>
<td>12&quot;</td>
<td></td>
</tr>
</tbody>
</table>

---

### Register and Grille Schedule

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Size</th>
<th>Width</th>
<th>Height</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>60&quot;</td>
<td>12&quot;</td>
<td></td>
</tr>
</tbody>
</table>

## Penthouse Schedule

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Type</th>
<th>Width</th>
<th>Height</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>May</td>
<td>60&quot;</td>
<td>12&quot;</td>
<td></td>
</tr>
</tbody>
</table>

---

### Register and Grille Schedule

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Size</th>
<th>Width</th>
<th>Height</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>60&quot;</td>
<td>12&quot;</td>
<td></td>
</tr>
</tbody>
</table>

## Penthouse Schedule

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Type</th>
<th>Width</th>
<th>Height</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>May</td>
<td>60&quot;</td>
<td>12&quot;</td>
<td></td>
</tr>
</tbody>
</table>
REFERENCE NOTES

EXISTING DRY SUMP TO REMAIN INTACT.
EXISTING 2" WATER SERVICE. VERIFY LOCATION PRIOR TO START OF NEW WORK. WATER SERVICE ENTRY TO BE PROVIDED WITH NEW ISOLATION VALVES. SEE DRAWING P100 FOR NEW WORK.
EXISTING 4" WASTE LINE SERVING BUILDING TO REMAIN INTACT.
EXISTING 2" IRRIGATION WATER LINE TO REMAIN. REMOVE AND RELOCATE WATER LINE AS NEEDED TO FACILITATE INSTALLATION OF NEW DUCTWORK. SEE DRAWING M100 FOR COORDINATION.
EXISTING ABS DRAIN PIPING SERVING EXISTING PLUMBING FIXTURES TO REMAIN INTACT. REMOVE PLUMBING TAPE AND WIRE SUPPORTS AND PROVIDE NEW PIPE HANGER SUPPORTS.
REMOVE EXISTING WATER HEATER COMPLETE. REMOVE ALL ASSOCIATED WATER PIPING AND SUPPORTS. SEE DRAWING P100 FOR NEW WATER HEATER LOCATION.
REMOVE ALL EXISTING GALVANIZED WATER PIPING COMPLETE. LOCATE EXISTING PLUMBING FIXTURES AND REMOVE ALL GALVANIZED WATER SUPPLY OR DRAIN PIPING SERVING FIXTURES. SEE DRAWING P100 FOR NEW PIPING REQUIRED.
WHERE EXISTING PEX TUBING HAS BEEN INSTALLED TO EXISTING PLUMBING FIXTURES. DISCONNECT AND REMOVE TUBING TO FACILITATE INSTALLATION OF NEW DUCTWORK. INSTALL NEW COLOR CODED PEX TUBING UPON COMPLETION OF MECHANICAL WORK. SEE DRAWING P100.
REMOVE ALL ABANDONED WATER, DRAIN, WASTE AND VENT PIPING THAT IS NOT RE-USED AS PART OF THE NEW WORK.
PREPARE AREA IN GENERAL FOR NEW PLUMBING WORK.
REMOVE ALL WATER SUPPLY AND DRAIN PIPING SERVING AC UNIT COMPLETE.
EXISTING ROOF DRAIN LINES TO REMAIN INTACT.
REFERENCE NOTES

EXISTING PLUMBING FIXTURE TO REMAIN INTACT.
REMOVE ANY ACCESSIBLE GALVANIZED WATER SUPPLY, WASTE OR VENT PIPING SERVING FIXTURE AND REPLACE WITH NEW COPPER OR ABS DWV PIPING.
EXISTING DRINKING FOUNTAIN TO BE REMOVED AND REPLACED WITH NEW. SEE DRAWING P101 FOR NEW WORK.

SCALE: 1/4" = 1'-0"
REFERENCE NOTES

1. Connect to existing gas line in this location.
2. Provide compatible fitting to match existing gas line pipe size and material.
3. Sawcut asphalt paving and excavate as needed to install new gas line. Repair and patch pavement upon completion of work.
4. Install new SDR 11 polypropylene gas line complete with tracer wire and warning tape.
5. Extend gas line to new gas regulator at the annex building.
6. Contract with Blue Stakes for gas line and utility location services prior to start of construction.
7. New gas regulator. See drawing P100 for continuation.
8. New mechanical equipment. Coordinate location of gas line with mechanical equipment locations.
9. Exisiting buried steam and condensate piping below grade. Coordinate location of new gas line with existing piping.

SCALE: 1/8" = 1'-0"
### REFERENCE NOTES

- **NEW GAS SERVICE LINE BY PLUMBING CONTRACTOR**: SEE DRAWING P001 FOR CONTINUATION.
- **BUILDING GAS SERVICE**: EXTEND NEW GAS LINE TO BUILDING GAS SERVICE LOCATION. EXTEND NEW GAS LINE TO BUILDING AND PROVIDE NEW GAS REGULATOR FOR 2 PSIG SERVICE. COORDINATE REGULATOR AND NEW GAS LINE LOCATION WITH EXISTING BURIED STEAM AND CONDENSATE PIPING. SEE DETAIL 2/P501.
- **FOUNDATION PIPE THRU WALL PENETRATION**: CORE SMALL WALL OR PIPE PENETRATION. SEAL OPENINGS AROUND PIPE WITH SOLID GROUT.
- **FIRE PROTECTION**
  - PROVIDE NEW FIRE PROTECTION AREA. COORDINATE LOCATION WITH EXISTING FIRE PROTECTION. SEE DETAIL 2/P501.
- **BUILDING GAS SERVICE LOCATION**: EXTEND NEW GAS LINE TO BUILDING GAS SERVICE LOCATION. EXTEND NEW GAS LINE TO BUILDING AND PROVIDE NEW GAS REGULATOR FOR 2 PSIG SERVICE. COORDINATE REGULATOR AND NEW GAS LINE LOCATION WITH EXISTING BURIED STEAM AND CONDENSATE PIPING. SEE DETAIL 2/P501.
- **PIPE 1/2" GAS LINE TO NEW FURNACE LOCATION**: SEE DETAIL 1/P501.
- **PRV STATION**: SEE DETAIL 4/P501.
- **DOUBLE CHECK VALVE ASSEMBLY**: SEE DETAIL 4/P501.
- **MOUNT DOMESTIC WATER EXPANSION TANK**: SEE DETAIL 6/P501.
- **INSTALL ELECTRIC WATER HEATER**: MOUNT WATER HEATER IN GALVANIZED DRIP PAN. SEE DETAIL 6/P501.
- **INSTALL DOMESTIC HOT WATER CIRCULATION PUMP**: SEE DETAIL 6/P501.
- **INSTALL ISOLATION BALL VALVES**: IN ACCESSIBLE LOCATION FOR SERVICE.
- **PIPE 1/2" CW OR HW LINE UP TO PLUMBING FIXTURE ABOVE**: TRANSITION FROM PEX TUBING TO COPPER PIPE PRIOR TO FLOOR PENETRATION. SEE DETAIL 2/P501.
- **TRANSITION FROM PEX TUBING TO COPPER PIPE PRIOR TO FLOOR PENETRATION**: TRANSITION FROM PEX TUBING TO COPPER PIPE PRIOR TO FLOOR PENETRATION. SEE DETAIL 2/P501.
- **POINT OF CONNECTION (P.O.C.)**: CONNECT TO EXISTING PIPING IN THIS LOCATION. MATCH PIPING SIZE AND MATERIAL OR PROVIDE COMPATIBLE TRANSITION.
- **PIPE WATER HEATER P&T VALVE DISCHARGE**: FULL SIZE TO DRAIN PAN.
- **PIPE 3/4" DRAIN PAN LINE TO FLOOR**: PROVIDE NEW PIPE HANGER SUPPORTS FOR EXISTING DWV PIPING. SEE DETAIL 1/P502.
- **INSTALL CONDENSATE LIFT PUMP**: IN THIS LOCATION. SEE DETAIL 2/P502.
- **PIPE 3/4" CONDENSATE DRAIN LINE TO SUMP**: CORE DRILL HOLE IN WALL TO FACILITATE INSTALLATION OF PIPING THRU WALL (TYP).
REFERENCE NOTES

1. INSTALL NEW DRINKING FOUNTAIN WITH BOTTLE FILLER IN THIS LOCATION. MOUNT DRINKING FOUNTAIN SECURELY TO WALL. REMAKE ALL WATER AND DRAIN CONNECTIONS. WHERE HW AND CW WATER LINES ARE EXPOSED, PROVIDE COPPER WATER TUBING WITH 1" THICK PREFORMED FIBERGLASS PIPE INSULATION AND 20 MIL THICK WHITE PVC JACKET. NEW GAS REGULATOR. SEE DRAWING P100.

SCALE: 1/4" = 1'-0"
**GAS LINE CONNECTION DETAIL**

- 6" VERTICAL SEDIMENT TRAP - SAME SIZE AS DROP FURNACE CONN
- FLEXIBLE GAS CONNECTOR. 18" MAX.
- GROUND JOINT UNION
- MANUAL MAIN SHUT-OFF VALVE DROP FROM MAIN. SEE PLAN FOR SIZE.
- MAXITROL 325 SERIES LB/OZ GAS REGULATOR. NON-VENTING TYPE.
- INSTALL HORIZONTALLY
- PLUGGED TEE 10 PIPE DIA. SIZE PIPE FOR FULL SIZE APPLIANCE CONNECTION

---

**WATER PRESSURE REDUCING STATION DETAIL**

- WATER SUPPLY FROM MAIN 1-1/4" REDUCED PRESSURE ASSEMBLY WITH GATE VALVES AND TEST PORTS
- NEW 2" MAIN BLDG SHUT-OFF VALVE WATER SERVICE ENTRY (E)
- DRAIN VALVE 3/4" HOSE END WITH VACUUM BREAKER

---

**GAS REGULATOR SERVICE DETAIL**

- TO GAS MAIN
- GAS COCK (TYPICAL)
- INSULATING UNION (TYPICAL)
- VENT
- UNISTRUT AND PIPE CLAMP
- GAS LINE SHALL HAVE WRAPPING UP TO 6" ABOVE GRADE
- WARNING TAPE AND TRACER WIRE
- 2" HIGH CONCRETE PAD
- 1/2" ET-1 WH-1
- EXPANSION TANK
- STRAP TO WALL

---

**PLUMBING INSTALLATION DETAIL**

- SUPPLY STOP (TYP) 1/2" SUPPLIES ASSE 1070 MIXING VALVE TEMPERED HW SUPPLY (105°)
- FAUCET SPOUT LAUNDRY
- WHIRLPOOL SUMP 1/2" SUPPLY(DRIP) 1/2" TUB TRIM
- PRESSURE REDUCING VALVE SET @ 60 PSIG PRESSURE GAUGE 0-150 PSIG (TYP.) UNION (TYP.)
- TO PLUMBING FIXTURES 1-1/4" RISER
- T&P RELIEF VALVE UNION (TYP.) BALL VALVE (TYP.)
- 3/4" H.W. 3/4" C.W.
- ELECTRIC WATER HEATER (SEE SPECS)

---

**UNIVERSAL CODE INSTALLATION DETAIL**

- ELECTRIC WATER HEATER DETAIL
- 1-1/4" PRESSURE REDUCING VALVE SET @ 60 PSIG PRESSURE GAUGE 0-150 PSIG (TYP.)
- PIPE BRACE VERTICAL FLOOR MOUNT DETAIL
- Piping Installation Detail
- 1-1/4" PRESSURE REDUCING VALVE SET @ 60 PSIG PRESSURE GAUGE 0-150 PSIG (TYP.)

---

**PLUMBING**

- ELECTRIC WATER HEATER DETAIL
- WATER PRESSURE REDUCING STATION DETAIL
- GAS LINE CONNECTION DETAIL
- GAS REGULATOR SERVICE DETAIL
- PIPING INSTALLATION DETAIL

---

**PERMIT SET**

- DATE: 10.24.22
- PROJECT NUMBER: 2150

---

**STUDIO 333 ARCHITECTS**

333 24TH STREET
OGDEN, UT 84401
801.394.3033

© 2021 Studio 333 Architects All Rights Reserved

---

**Olsen & Peterson consulting engineers, inc.**

1950 Monroe Blvd., Ogden, UT

---


---

**PIPE BRACE VERTICAL FLOOR MOUNT DETAIL**

- Typical Roof Support
- Piper Bracer Vertical Floor Mount Detail
- Piping Layout Detail

---

**PLUMBING**

- Piping Installation Detail
- 1-1/4" PRESSURE REDUCING VALVE SET @ 60 PSIG PRESSURE GAUGE 0-150 PSIG (TYP.)
- GAS COCK (TYPICAL)
- INSULATING UNION (TYPICAL)
- TO PLUMBING FIXTURES
- 1-1/4" RISER
- T&P RELIEF VALVE UNION (TYP.) BALL VALVE (TYP.)
- 3/4" H.W. 3/4" C.W.
- ELECTRIC WATER HEATER (SEE SPECS)

---

**UNIVERSAL CODE INSTALLATION DETAIL**

- ELECTRIC WATER HEATER DETAIL
- WATER PRESSURE REDUCING STATION DETAIL
- GAS LINE CONNECTION DETAIL
- GAS REGULATOR SERVICE DETAIL
- PIPING INSTALLATION DETAIL

---

**PLUMBING**

- ELECTRIC WATER HEATER DETAIL
- WATER PRESSURE REDUCING STATION DETAIL
- GAS LINE CONNECTION DETAIL
- GAS REGULATOR SERVICE DETAIL
- PIPING INSTALLATION DETAIL

---

**UNIVERSAL CODE INSTALLATION DETAIL**

- ELECTRIC WATER HEATER DETAIL
- WATER PRESSURE REDUCING STATION DETAIL
- GAS LINE CONNECTION DETAIL
- GAS REGULATOR SERVICE DETAIL
- PIPING INSTALLATION DETAIL
### Mechanical Equipment Schedule

<table>
<thead>
<tr>
<th>S#</th>
<th>Manufacturer</th>
<th>Model</th>
<th>Description</th>
<th>Type</th>
<th>SKU</th>
<th>Year</th>
<th>Location</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>BIMcloud</td>
<td>25</td>
<td>BIMcloud Basic for Archicad 25/2150 OCS - ANNEX BUILDING REMODEL</td>
<td>OCS</td>
<td>2150</td>
<td>2022</td>
<td>MONROE BLVD, OGDEN, UT</td>
<td></td>
</tr>
</tbody>
</table>