IRRIGATION KEYNOTES

1. SURFACE PIPE
2. CONCRETE CURB & GUTTER
3. CONCRETE PARAPET
4. CONCRETE STAIRS
5. CONCRETE RAMP
6. CATCH BASIN
7. CONCRETE WALL
8. CONCRETE WALL
9. CONCRETE CURB
10. CONCRETE CURB & GUTTER
11. FLAGPOLE
12. UTILITY MARKER
13. EXISTING LAWN
14. CONCRETE MOWSTRIP
15. PROJECT LIMIT LINE
16. ASPHALT PAVING
17. CONCRETE CURB & GUTTER
18. CONCRETE PAVING
19. CANOPY BASE
20. CANOPY BASE
21. CONCRETE RAMP
22. LIGHT POLE
23. CONCRETE STAIRS
24. CONCRETE STAIRS
25. CONCRETE WALL
26. CONCRETE WALL
27. EXISTING IRRIGATION CONTROLLER
28. EXISTING IRRIGATION HEAD
29. EXISTING IRRIGATION HEAD
30. EXISTING IRRIGATION VALVE MANIFOLD

EXISTING IRRIGATION NOTES

1. EXISTING IRRIGATION VALVE
2. FIELD VERIFY LOCATION
3. MODIFY THE LOCATION AND LAYOUT AS REQUIRED DUE TO CONSTRUCTION
4. EXISTING IRRIGATION MAIN LINE
5. FIELD VERIFY LOCATION
6. MODIFY ROUTING AND DEPTH AS REQUIRED DUE TO CONSTRUCTION
7. EXISTING VALVE MANIFOLD TO BE RELOCATED
8. CUT AND CAMP EXISTING PIPE AT EXISTING TEE
9. CONNECT NEW LATERAL LINE TO EXISTING LATERAL LINE
10. CONNECT NEW LATERAL LINE TO EXISTING VALVE
11. EXISTING LATERAL LINE TO BE REMOVED
12. EXISTING LATERAL LINE TO REMAIN
13. EXISTING IRRIGATION CONTROLLER
14. EXISTING IRRIGATION HEAD TO REMAIN
15. EXISTING IRRIGATION HEAD TO BE REMOVED
16. EXISTING IRRIGATION VALVE MANIFOLD TO BE REMOVED
17. RELOCATED VALVE MANIFOLD - CONNECT TO EXISTING MANIFOLD

MHTN PROJECT NO.

Sheet 1 of 1

Sheet Name: LI1.01

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OGDEN SCHOOL DISTRICT

HIGHLAND JUNIOR HIGH SCHOOL

325 GRAMERCY AVE.
OGDEN, UTAH 84404

OGDEN SCHOOL DISTRICT

APPROX. EDGE OF EXISTING LAWN

LAWN (SOD)

LANDSCAPE AREA

EXISTING LAWN

DRAWINGS, WRITTEN MATERIAL, AND DESIGN CONCEPTS SHALL NOT BE USED OR REPRODUCED IN WHOLE OR PART IN ANY FORM OR FORMAT WITHOUT PRIOR WRITTEN CONSENT OF MHTN Architects, Inc. DO NOT SCALE DRAWINGS. USE GIVEN DIMENSIONS ONLY. IF NOT SHOWN, VERIFY CORRECT DIMENSIONS WITH THE ARCHITECT. CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE.

ISSUED:

CONSTRUCTION DOCUMENTS

APRIL 15, 2015

CONTRACTOR TO VERIFY DRAWINGS IN FIELD USE REFLECT LAST REVISION DATE.

SHEET NUMBER

DRAWN BY:

CHECKED BY:

CONSTRUCTION DOCUMENTS

MHTN Architects, Inc.

420 East South Temple

Suite 100

Salt Lake City, Utah 84111

Telephone (801) 595-6700

Telefax (801) 595-6717

www.mhtn.com

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IRRIGATION KEYNOTES

1. Existing Irrigation Valve. Field verify location. Modify the location and layout as required due to construction.

2. Existing Irrigation Main Line. Field verify location. Modify routing and depth as required due to construction.

3. Existing Valve Manifold to be relocated. Cut and cap existing pipe at existing tee.

4. Connect new lateral line to existing lateral line.

5. Connect new lateral line to existing valve.

6. Existing lateral line to be removed.

7. Existing lateral line to remain.

8. Existing Irrigation Controller.

9. Existing Irrigation Head to remain.

10. Existing Irrigation Head to be removed.

IRRIGATION PLAN

1"=20'-0" DETAIL-FILE

MHTN Architects, Inc.
420 East South Temple
Suite 100
Salt Lake City, Utah 84111
Telephone (801) 595-6700
Telefax (881) 595-6717
www.mhtn.com

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HIGHLAND JUNIOR HIGH SCHOOL
REMODEL
325 GRAMERCY AVE.
OGDEN, UTAH 84404

OGDEN SCHOOL DISTRICT

CONSTRUCTION DOCUMENTS
APRIL 15, 2015

IRRI1.02
INSTALL TREE WRAP AND PROTECTION
PENETRATION REQUIRED FOR MOISTURE AND ROOT SLEEVE ON TRUNK AS PER MANUF.
SOIL-AID OR PEAT MOSS AND A SLOW MIN. OF 12" INTO UNDISTURBED SOIL.
MAIN TRUNK UPRIGHT. PLACE STAKES TIE WITH #10 WIRE THRU 3/4" RUBBER TIE TREES TO 2"x2"x8' STAKES AT THE AT EDGE OF ROOTBALL AND DRIVE A
PLANTING PLAN - WEST PATIO
1" = 1'-0"

1" = 20" DETAIL-FILE

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1" = 1'-0"
STATEMENT OF SPECIAL INSPECTIONS AND SPECIAL INSPECTIONS

RISK CATEGORY: III

1. THE DESIGNATED SEISMIC/WIND SYSTEMS AND SEISMIC/WIND-FORCE-RESISTING SYSTEMS THAT ARE
   TO BE PROVIDED AS REQUIRED BY IBC SECTIONS 1704 THROUGH 1740.

2. SPECIAL INSPECTIONS AND TESTING ARE TO BE PROVIDED AS REQUIRED BY IBC SECTIONS 1704 THROUGH
   1740.

3. ALL WALLS (EXCEPT CANTILEVERED RETAINING WALLS) SHALL BE ADEQUATELY BRACED AGAINST LATERAL
   LOADS.

4. SEISMIC DESIGN:

   a. SEISMIC IMPORTANCE FACTOR, IE: 1.25

   b. MAPPED SPECTRAL RESPONSE ACCELERATIONS: SS = 1.381, S1 = 0.514

   c. COMPONENT AND CLADDING DESIGN WIND PRESSURE SHALL BE AS REQUIRED PER ASCE 7-10.

   d. RESPONSE MODIFICATION FACTOR, R: 1.25

5. MATERIALS:

   a. REINFORCING BAR STRENGTH REQUIREMENTS:

   b. VERTICAL PRE-STRESS: 1860 ksi Minimum

   c. HORIZONTAL PRE-STRESS: 1860 ksi Minimum

6. REINFORCEMENT:

   a. BRICK AND BLOCK WALLS; USE HOHMANN AND BARNARD 270-ML-S.I.S. (SEISMICLIP INTERLOCK SYSTEM)

6. WALLS:

   a. EXPOSED TO EARTH OR WEATHER:

   b. SIMPSON SET ADHESIVE (IAPMO ER-0265).

7. EXCEPT WHERE NOTED ON PLANS OR DETAILS CONTINUOUS REINFORCEMENT SHALL BE SPLICED AT POINTS
   OF MODIFIED PROCTOR DENSITY (ASTM D-1557).

8. LOCATE REINFORCEMENT AND CONFIRM FINAL ANCHOR LOCATIONS PRIOR TO FABRICATING PLATES,
   PLATE WASHER REQUIREMENTS. ANCHOR BOLTS SHALL COMPLY WITH THE FOLLOWING:

9. REINFORCEMENT PLATES:

   a. BRICK AND BLOCK WALLS; USE HOHMANN AND BARNARD 270-ML-S.I.S. (SEISMICLIP INTERLOCK SYSTEM)

10.  UNLESS NOTED OTHERWISE, ALL HORIZONTAL FRAMING MEMBERS SHALL BE ERECTED WITH THE NATURAL
    DEFORMATIONS, IF ANY, SHALL NOT EXTEND MORE THAN 2 BAR DIAMETERS FROM THE BEARING FACE OF THE

11.  ALL ADHESIVE/MECHANICAL ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH AN APPROVED
    TESTING LABORATORY WILL PERFORM VISUAL INSPECTION OF ANCHORS AND DOWELS AS SPECIFIED IN

12.  THE USE OF HIGH LIFT GROUTING PROCEDURES REQUIRE THE APPROVAL OF THE ARCHITECT AND
    CONTRACTOR SHALL NOTIFY ARCHITECT PRIOR TO FABRICATING PLATES.

13.  ALL MASONRY BEAMS SHALL BE BUILT INTEGRAL WITH SUPPORT. NO TOOTHING OR DOWELING PERMITTED.

14.  NOTICE OF COPYRIGHT: THESE STRUCTURAL DRAWINGS ARE HEREBY COPYRIGHTED BY ARW ENGINEERS,
    INFORMATION SHOWN IN THESE DRAWINGS (INCLUDING, BUT NOT LIMITED TO, DIMENSIONS, SIZES, ETC).

15.  THE STRUCTURAL NOTES ARE INTENDED TO COMPLEMENT THE PROJECT SPECIFICATIONS WHICH ARE PART
    OF THE CONTRACT DOCUMENTS, CONTRACTOR SHALL NOTIFY ARCHITECT PRIOR TO MAKING MODIFICATIONS.

16.  UNLESS NOTED OTHERWISE, ALL ADHESIVE ANCHORS INTO CONCRETE SHALL BE:

17.  SUPPORT NON-BEARING, NON-STRUCTURAL WALLS AT TOP OF MASONRY AS PER TYPICAL DETAILS AT

18.  Common Material Schedules:

   a. 1/2" (12.7 mm) THICK - #3 AT 18"O.C. EACH WAY

   b. 4" THICK - #3 AT 18"O.C. EACH WAY

   c. 8" THICK - #3 AT 18"O.C. EACH WAY

   d. 10" THICK - #4 AT 18"O.C. EACH WAY

   e. 12" THICK - #4 AT 18"O.C. EACH WAY

   f. 16" THICK - #5 AT 18"O.C. EACH WAY

   g. MAXIMUM AGGREGATE SIZE: 1"

   h. MINIMUM AIR CONTENT: 6%
### Structural Steel Special Inspection Schedule

<table>
<thead>
<tr>
<th>Inspection Tasks Prior to Welding (Table 3A.1)</th>
<th>Continuous</th>
<th>Periodic</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Welding Procedures Documented and Accepted</td>
<td>✔</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2. Welders Are Trained in Procedures</td>
<td>✔</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3. Welding Procedure Followed for Each Welding</td>
<td>✔</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4. Welding Procedure Followed for Each Welding</td>
<td>✔</td>
<td></td>
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<tr>
<td>5. Welding Procedure Followed for Each Welding</td>
<td>✔</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6. Welding Procedure Followed for Each Welding</td>
<td>✔</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Notes
- The welder shall maintain a system by which a welder who has performed welding in the past shall be requalified and verified by welding performance qualification test (WPQT) as per AWS D1.1/D1.1M, Section 9.1.10.
- Continuous inspection shall be performed for each weld at the fabricator's plant.

<table>
<thead>
<tr>
<th>Inspection Tasks Prior to Welding (Table 3A.1)</th>
<th>Continuous</th>
<th>Periodic</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>7. Welds Cleaned</td>
<td>✔</td>
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<td>8. Welds Cleaned</td>
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<tr>
<td>9. Welds Cleaned</td>
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<tr>
<td>10. Welds Cleaned</td>
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</tbody>
</table>

#### Notes
- Continuous inspection shall be performed for each weld at the fabricator's plant.
- Periodic inspection shall be performed for each weld at the fabricator's plant.

### General Steel Special Inspection Notes
- The fabricator or erector, as applicable, shall maintain a system by which a welder who has when welding of doubler plates, continuity plates or stiffeners has been performed in the past shall be requalified and verified by welding performance qualification test (WPQT) as per AWS D1.1/D1.1M, Section 9.1.10.
- Continuous inspection shall be performed for each weld at the fabricator's plant.
- Periodic inspection shall be performed for each weld at the fabricator's plant.

#### Notes
- Continuous inspection shall be performed for each weld at the fabricator's plant.
- Periodic inspection shall be performed for each weld at the fabricator's plant.

<table>
<thead>
<tr>
<th>Inspection Tasks After Welding (Table 3A.2)</th>
<th>Continuous</th>
<th>Periodic</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Fit-up of Fillet Welds</td>
<td>✔</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2. Material Identification (Type / Grade)</td>
<td>✔</td>
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<tr>
<td>3. Weld / Base-Metal Fusion</td>
<td>✔</td>
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<tr>
<td>4. Interpass Temperature Maintained (Min. / Max)</td>
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<tr>
<td>5. Preheat Applied</td>
<td>✔</td>
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<tr>
<td>6. Settings on Welding Equipment</td>
<td>✔</td>
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<tr>
<td>7. Precipitation and Temperature Exposure Control</td>
<td>✔</td>
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<tr>
<td>8. Packaging</td>
<td>✔</td>
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<tr>
<td>9. Cleanliness (Condition of Steel Surfaces)</td>
<td>✔</td>
<td></td>
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<tr>
<td>10. Dimensions (Alignment, Gaps at Root)</td>
<td>✔</td>
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<tr>
<td>11. Tacking (Tack Weld Quality and Location)</td>
<td>✔</td>
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</tbody>
</table>

#### Notes
- Continuous inspection shall be performed for each welded joint at the fabricator's plant.
- Periodic inspection shall be performed for each welded joint at the fabricator's plant.

### Notes
- Continuous inspection shall be performed for each welded joint at the fabricator's plant.
- Periodic inspection shall be performed for each welded joint at the fabricator's plant.

### Quality Control (QC) and Quality Assurance (QA)
- Quality control (QC) shall be provided by the fabricator and erector.
- Quality assurance (QA) shall be provided by the erector.
- Quality control (QC) shall be performed by the erector.
- Quality assurance (QA) shall be performed by the erector.

#### Notes
- Quality control (QC) shall be performed by the erector.
- Quality assurance (QA) shall be performed by the erector.

### Inspection of Steel Elements of Composite Structures
- Inspection of steel elements of composite structures shall be performed by the erector.
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#### Notes
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### Periodic Inspection
- Periodic inspection shall be performed for each welded joint at the fabricator's plant.
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#### Notes
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**General Steel Special Inspection Notes**

- General steel special inspection notes shall be provided by the erector.
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- General steel special inspection notes shall be provided by the erector.

---

**Contractor to Verify Drawings in Field Use Reflect Last Issued: Seal**

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EXISTING ELEMENT TO REMAIN; INCLUDING BUT NOT LIMITED TO DOORS, WINDOWS, EQUIPMENT.
EXISTING MASONRY WALL, OR PORTION THEREOF, TO BE REMOVED. COORDINATE WITH ARCHITECTURAL FLOORPLANS FOR NEW OPENINGS IN EXISTING WALLS.

EXISTING ELEMENT TO BE REMOVED; INCLUDING BUT NOT LIMITED TO DOORS, WINDOWS, PARTIAL WALL FOR NEW OPENING.

EXISTING VCT FLOOR TO BE REMOVED AND DISPOSED OF BY OTHERS.

LEGEND - DEMOLITION

1. CONTRACTOR SHALL VERIFY ALL EXISTING SITE, BUILDING CONDITIONS AND DIMENSIONS BEFORE SUBMITTING A BID, INCLUDING BUT NOT LIMITED TO UNDERGROUND UTILITIES AND SERVICE LINES, IRRIGATION LINES AND SUBSURFACE STRUCTURES AND ALL OTHER EXISTING CONSTRUCTION BOTH ABOVE AND BELOW GRADE, OR BEFORE PROCEEDING WITH ANY PORTION OF THE WORK.

2. GENERAL CONTRACTOR SHALL PROTECT ALL EXISTING CONSTRUCTION TO REMAIN FROM DAMAGE DURING BOTH DEMOLITION AND NEW CONSTRUCTION WORK AND SHALL REPAIR ANY DAMAGE RESULTING FROM THIS WORK.

3. CUT AND PATCH EXISTING BUILDING CONSTRUCTION AS REQUIRED. CUTTING AND DRILLING OF STRUCTURAL MEMBERS NOT DETAILED REQUIRES THE WRITTEN PERMISSION OF THE STRUCTURAL ENGINEER.

4. CONTRACTOR SHALL RELOCATE EXISTING MECHANICAL AND ELECTRICAL AS REQUIRED FOR INSTALLATION OF NEW WORK.

5. ALL DEMOLISHED OR REMOVED EXISTING MATERIAL SHALL BE LEGALLY DISPOSED OF BY THE CONTRACTOR, UNLESS NOTED OTHERWISE.

6. GENERAL NOTES

- Drawings, written material, and design concepts shall not be used or reproduced in whole or part in any form or format without prior written consent of MHTN Architects, Inc.
- Do not scale drawings. Use given dimensions only.
- If not shown, verify correct dimensions with the Architect.
- Contractor shall check and verify all dimensions and conditions at job site.

- CONTRACTOR TO VERIFY DRAWINGS IN FIELD USE REFLECT LAST REVISION DATE.

- CONTRACTOR TO VERIFY DRAWINGS IN FIELD USE REFLECT LAST REVISION DATE.
1. CONTRACTOR SHALL VERIFY ALL EXISTING SITE, BUILDING CONDITIONS AND UNDERGROUND UTILITIES AND SERVICE LINES, IRRIGATION LINES AND SUBSURFACE STRUCTURES AND ALL OTHER EXISTING CONSTRUCTION BOTH ABOVE AND BELOW GRADE, OR BEFORE PROCEEDING WITH ANY PORTION OF THE WORK.

2. GENERAL CONTRACTOR SHALL PROTECT ALL EXISTING CONSTRUCTION TO REMAIN FROM DAMAGE DURING BOTH DEMOLITION AND NEW CONSTRUCTION WORK AND SHALL REPAIR ANY DAMAGE RESULTING FROM THIS WORK.

3. REMOVE DOOR, DOOR FRAME TO REMAIN. PREP DOOR FRAME FOR NEW DOOR WITH NEW DOOR HARDWARE.

4. CONTRACTOR SHALL RELOCATE EXISTING MECHANICAL AND ELECTRICAL AS REQUIRED FOR INSTALLATION OF NEW WORK.

5. ALL DEMOLISHED OR REMOVED EXISTING MATERIAL SHALL BE LEGALLY DISPOSED OF BY THE CONTRACTOR, UNLESS NOTED OTHERWISE.

6. THE CONTRACTOR SHALL COORDINATE PHASING OF THE WORK WITH THE OWNER AND ARCHITECT TO MEET THE OWNER'S SCHEDULE.

7. ALL CONSTRUCTION ACTIVITY IS TO BE CONTAINED W/I CONSTRUCTION BARRICADES OR FENCES, CONTRACTORS SHALL PROTECT OWNER'S EXISTING CONSTRUCTION ADJACENT TO NEW CONSTRUCTION. AFTER WORK OF THIS NATURE IS COMPLETE, CONTRACTORS SHALL SAWCUT OPENING IN EXISTING CONCRETE WALL - DO NOT OVERCUT.

8. PATCH AND REPAIR ALL EXISTING WALLS WHERE AFFECTED BY DEMOLITION & NEW CONSTRUCTION TO MATCH EXISTING FINISH.

9. WHERE MASONRY WALLS ARE TO BE DEMOLISHED CUT REBAR OFF BELOW SLAB AND PATCH FOR NEW FLOORING.

10. REMOVE DOOR, DOOR FRAME TO REMAIN. PREP DOOR FRAME FOR NEW DOOR WITH NEW DOOR HARDWARE.

11. MASONRY WALL TO BE DEMOLISHED, CLEAN BRICK AND REUSE TO FINISH OUT NEW OPENING.

12. EXISTING SUSPENDED CEILING TO BE REMOVED.

KEYNOTES - DEMOLITION

1. REMOVE WALL TILES AND PLASTER AND PREP FOR NEW FINISH
2. REMOVE FLOOR TILES AND THICKSET TOPPING, PREP FOR NEW FINISH
3. REMOVE EXISTING TRANSACTION COUNTER AND PREP FOR NEW TRANSACTION COUNTER TO BE INSTALLED
4. REMOVE DOOR, DOOR FRAME TO REMAIN. PREP DOOR FRAME FOR NEW DOOR WITH NEW DOOR HARDWARE
5. REMOVE CONCRETE BASE AND CONCRETE CAP
6. REMOVE DOOR AND FRAME
7. REMOVE 2' TALL MASONRY PLANTER WALL W/ CONCRETE CAP AND ASSOCIATED FOOTINGS AND FOUNDATIONS
8. REMOVE 3" STEEL PIPE COLUMN, SUPPORT ROOF ABOVE UNTIL NEW COLUMN IS INSTALLED
9. SAWCUT OPENING IN EXISTING CONCRETE WALL - DO NOT OVERCUT
10. REMOVE DOOR, DOOR FRAME TO REMAIN. PREP DOOR FRAME FOR NEW DOOR WITH NEW DOOR HARDWARE
11. MASONRY WALL TO BE DEMOLISHED, CLEAN BRICK AND REUSE TO FINISH OUT NEW OPENING
12. EXISTING SUSPENDED CEILING TO BE REMOVED

CONSTRUCTION DOCUMENTS
APRIL 16, 2015
AD1.02
1. CONTRACTOR SHALL VERIFY ALL EXISTING SITE AND BUILDING CONDITIONS INCLUDING BUT NOT LIMITED TO UNDERGROUND UTILITIES AND SERVICE LINES, IRRIGATION LINES AND SUB SURFACE STRUCTURES AND ALL OTHER EXISTING CONSTRUCTION BOTH ABOVE AND BELOW GRADE.

2. CONTRACTOR SHALL PROTECT ALL EXISTING CONSTRUCTION TO REMAIN FROM DAMAGE DURING BOTH DEMOLITION AND NEW CONSTRUCTION WORK AND SHALL REPAIR ANY DAMAGE RESULTING FROM THIS WORK.

3. CONTRACTOR TO BRING TO ATTENTION OF ARCHITECT ANY CONFLICT IN CONTRACT DOCUMENTS. WHERE CONFLICT OCCURS THE MOST STRINGENT REQUIREMENTS SHALL APPLY.

4. SEALANT REQUIRED BETWEEN ALL DISSIMILAR MATERIAL AND AROUND ALL FRAMES, OPENINGS & PENETRATION. COORDINATE COLOR WITH ARCHITECT PRIOR TO INSTALLATION.

GENERAL NOTES

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A4.01

RECEPTION DESK DETAIL

A2 - RECEPTION DESK C
A3 - RECEPTION DESK B
A4 - RECEPTION DESK A
A5 - RECEPTION DESK

C3 - RECEPTION DESK DETAIL

C1 - RECEPTION DESK DETAIL

B3 - RECEPTION DESK

B1 - B2 - W1

RECEPTION DESK E

B4 - RECEPTION DESK D

A4.01

HIGHLAND JUNIOR HIGH SCHOOL
OGDEN, UTAH 84404

MHTN Architects, Inc.
420 East South Temple
Suite 100
Salt Lake City, Utah 84111
Telephone (801) 595-6700
Telefax (801) 595-6717
www.mhtn.com

1. PROVIDE SOLID SURFACE COUNTERTOPS PRIOR TO ALL SURFACE FINISHING AND EQUIPMENT INSTALLATION TO PREVENT MISMATCHED EMBLASEMENTS AND EXPOSED SURFACE.
2. PROVIDE SOLID SURFACE WALL PANELS AND BUILT-OUT WALL ACCESSORIES.
3. ALL PLASTIC LAMINATE AND SOLID SURFACE SELECTIONS ARE PRELIMINARY AND REQUIRE OWNER APPROVAL. OWNER RESPONSIBLE FOR SELECTIONS DUE TO DIFFERENCES IN MATERIALS.
4. ALL PLASTIC LAMINATE IS TO BE BEST QUALITY VIABLE FOR INSTALLATION IN THE FIELD.
5. OWNER TO PROVIDE PLASTIC LAMINATE REPLACEMENTS (PL-1) FOR COUNTER TOPS.
6. BASE CABINET HEIGHTS ARE TYPICAL. SEE INTERIOR ELEVATIONS FOR NON-TYPICAL VARIATIONS.
7. CERAMIC, PORCELAIN, AND VINYL WALL COVERINGS TO BE INSTALLATION PER MANUFACTURER'S REQUIREMENTS.
8. ALL WOOD MILLWORK TO BE ARMS MILL WORK.
9. 1-1/2" SOLID SURFACE COUNTER TOP WITH EVEN RECEIVING EDGE.
10. GROMMETS AS REQUIRED, LOCATIONS TO BE VERIFIED IN THE FIELD.

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

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8. GROMMETS AS REQUIRED, LOCATIONS TO BE VERIFIED IN THE FIELD.
**INTERIOR ELEVATIONS**

**SCALE:** 1/2" = 1'-0"

**KEYNOTES - INTERIOR ELEVATIONS**

- GIRLS ACCENT TILE PATTERN
- BOYS ACCENT TILE PATTERN
- TYPICAL TILE PATTERN
- PLASTIC LAMINATE PATTERN
- GIRLS 124 WEST ELEV.
- GIRLS 124 EAST ELEV.
- BOYS 121 NORTH ELEV.
- BOYS 121 EAST ELEV.
- BOYS SOUTH 121 SOUTH ELEV.
- UNISEX 112 EAST ELEV.
- GIRLS 103 SOUTH ELEVATION
- BOYS 104 NORTH ELEVATION
- BOYS 113 WEST ELEV.
- BOYS 113 SOUTH ELEV.
- RECEPTION ELEVATION - NORTH
- RECEPTION ELEVATION - EAST

**SCALE:** 1/4" = 1'-0"

**OGDEN SCHOOL DISTRICT**

**HIGHLAND JUNIOR HIGH SCHOOL REMODEL**

**335 GRAND CANYON AVE**

**OGDEN, UTAH 84404**

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**ISSUED:**

**CONTRACTOR TO VERIFY DRAWINGS IN FIELD USE REFLECT LAST REVISION DATE.**

**CONSTRUCTION DOCUMENTS**

- A4.02

**SCALE: 1/2" = 1'-0"**

- GIRLS ACCENT TILE PATTERN
- BOYS ACCENT TILE PATTERN
- TYPICAL TILE PATTERN
- PLASTIC LAMINATE PATTERN
- GIRLS 124 WEST ELEV.
- GIRLS 124 EAST ELEV.
- BOYS 121 NORTH ELEV.
- BOYS 121 EAST ELEV.
- BOYS SOUTH 121 SOUTH ELEV.
- UNISEX 112 EAST ELEV.
- GIRLS 103 SOUTH ELEVATION
- BOYS 104 NORTH ELEVATION
- BOYS 113 WEST ELEV.
- BOYS 113 SOUTH ELEV.
- RECEPTION ELEVATION - NORTH
- RECEPTION ELEVATION - EAST

**SCALE: 1/4" = 1'-0"**

- GIRLS ACCENT TILE PATTERN
- BOYS ACCENT TILE PATTERN
- TYPICAL TILE PATTERN
- PLASTIC LAMINATE PATTERN
- GIRLS 124 WEST ELEV.
- GIRLS 124 EAST ELEV.
- BOYS 121 NORTH ELEV.
- BOYS 121 EAST ELEV.
- BOYS SOUTH 121 SOUTH ELEV.
- UNISEX 112 EAST ELEV.
- GIRLS 103 SOUTH ELEVATION
- BOYS 104 NORTH ELEVATION
- BOYS 113 WEST ELEV.
- BOYS 113 SOUTH ELEV.
- RECEPTION ELEVATION - NORTH
- RECEPTION ELEVATION - EAST
1. G.C. TO BRING TO ATTENTION TO THE ARCHITECT ANY CONFLICTS IN CONTRACT DOCUMENTS. WHERE CONFLICT OCCURS THE MOST STRINGENT REQUIREMENTS SHALL APPLY.

2. CONTRACTOR TO FOLLOW ALL MANUFACTURER SPECIFICATIONS FOR PRODUCT INSTALLATION, CARE AND MAINTENANCE.

3. REFER TO FLOOR FINISH PLANS FOR PATTERN DIMENSIONS.

4. ADJACENT FLOOR FINISH TO EXTEND BELOW MILLWORK, TYPICAL THROUGHOUT.

5. ALL INTERSECTIONS OF FLOOR FINISH MATERIALS SHALL BE LOCATED DIRECTLY UNDER THE CENTER OF DOOR, WHERE OCCURS, UNLESS NOTED OTHERWISE.

6. PROVIDE TRANSITION STRIPS AT ALL DISIMILAR MATERIALS.

GENERAL NOTES

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GENERAL NOTES

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6. ALL INTERSECTIONS OF FLOOR FINISH MATERIALS SHALL BE LOCATED DIRECTLY UNDER THE CENTER OF DOOR, WHERE OCCURS, UNLESS NOTED OTHERWISE.

7. PROVIDE TRANSITION STRIPS AT ALL DISIMILAR MATERIALS.

FLOOR FINISH LEGEND

- FINISHED CARPET
- POLISHED CONCRETE
- CARPET TILE - FIELD
- CARPET TILE - ACCENT
- PORCELAIN MOSAIC, BLEND

FINISH PLAN - AREA 'C'

KEY PLAN
1. All drawings to be compared to contract documents. Where conflicts occur, the most stringent requirements shall apply.

2. Contractor to follow all manufacturer specifications for product installation, care and maintenance.

3. Refer to floor finish plans for pattern dimensions.

5. Adjacent floor finish to extend below millwork, typical throughout.

6. All intersections of floor finish materials shall be located directly under the center of door, unless otherwise noted.

7. Provide transition strips at all dissimilar materials.

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MHTN Architects, Inc.
420 East South Temple
Suite 100
Salt Lake City, Utah 84111
Telephone (801) 595-6700
Telefax (801) 595-6717
www.mhtn.com

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**Door and Frame Schedule**

<table>
<thead>
<tr>
<th>Door #</th>
<th>Type</th>
<th>Leaves</th>
<th>Width</th>
<th>Height</th>
<th>Thickness</th>
<th>Material</th>
<th>Fire Rating (in Min.)</th>
<th>Hardware Group</th>
<th>Remarks</th>
<th>DOOR #</th>
</tr>
</thead>
<tbody>
<tr>
<td>101A</td>
<td>2</td>
<td>2</td>
<td>6' - 0&quot;</td>
<td>0&quot;</td>
<td>1 3/4&quot;</td>
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<td>6' - 0&quot;</td>
<td>0&quot;</td>
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<td>Yes</td>
<td>B</td>
<td>101B</td>
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<tr>
<td>101C</td>
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<td>2</td>
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<td>0&quot;</td>
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<td>C</td>
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<td>3' - 0&quot;</td>
<td>0&quot;</td>
<td>1 3/4&quot;</td>
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<td>EXISTING HM</td>
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<tr>
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<td>1 3/4&quot;</td>
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</table>

Grand total: 11

---

**Window Schedule**

<table>
<thead>
<tr>
<th>Type</th>
<th>Glass</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1&quot; INSULATED GLASS, LOW-E COATING, TYPICAL</td>
</tr>
<tr>
<td>2</td>
<td>1&quot; INSULATED GLASS, TEMPERED</td>
</tr>
<tr>
<td>3</td>
<td>1/4&quot; GLASS</td>
</tr>
<tr>
<td>4</td>
<td>1/4&quot; GLASS, TEMPERED</td>
</tr>
</tbody>
</table>

---

**Diagram:**

- **Door Type 1**
- **Door Type 2**
- **Door Type 3**
- **Frame Type 1**

**Window Types:**

- **Window Type 1**
- **Window Type 2**
- **Window Type 3**
MECHANICAL DEMOLITION NOTES

1. EXISTING CABINET UNIT HEATER TO REMAIN INTACT.
2. EXISTING CABINET UNIT HEATER TO BE REMOVED AND RE-INSTALLED AS NEEDED FOR INSTALLATION OF NEW FLOOR TILE.
3. REMOVE EXISTING 16"x8" EXHAUST GRILLE. WALL OPENING TO STAY INTACT.
4. REMOVE AND SCRAP EXISTING CEILING EXHAUST FAN. EXISTING EXHAUST DUCT TO REMAIN INTACT.
5. EXISTING LOUVER TO REMAIN INTACT. CAP AT INTERIOR WALL.
6. REMOVE EXISTING EXHAUST FAN AND ASSOCIATED DUCTWORK COMPLETE.
7. EXISTING THERMOSTAT TO REMAIN INTACT.
8. EXISTING CABINET UNIT HEATER TO BE REMOVED AND RE-LOCATED. SEE DRAWING M1.02 FOR RELOCATION.
9. REMOVE EXISTING THERMOSTAT COVER PLATE.
10. NO MECHANICAL WORK REQUIRED IN THIS AREA.
11. REMOVE EXISTING BASEBOARD RADIATION UNIT COMPLETE. CAP HEATING HOT WATER SUPPLY AND RETURN LINES IN UTILITY TUNNEL BELOW FLOOR.
12. EXISTING ATC CONTROL PANEL SERVING FAN COIL UNIT TO BE REMOVED AND RELOCATED. SEE DRAWING M1.02 FOR RELOCATION.
13. EXISTING FAN COIL UNIT ABOVE CEILING TO REMAIN INTACT.
14. REMOVE EXISTING HEATING HOT WATER SUPPLY AND RETURN PIPING BRANCH LINES BACK TO MAINS AND CAP.

CONSTRUCTION DOCUMENTS APRIL 15, 2015

OGDEN SCHOOL DISTRICT
HIGHLAND JUNIOR HIGH SCHOOL
325 GRAMERCY AVE. OGDEN, UTAH 84404

OGDEN SCHOOL DISTRICT
HIGHLAND JUNIOR HIGH SCHOOL
325 GRAMERCY AVE. OGDEN, UTAH 84404

HIGHLAND JUNIOR HIGH SCHOOL REMODEL
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**MECHANICAL DEMOLITION NOTES**

- Remove all fixtures, piping, and connections in the areas specified.
- All waste and vent lines shall be removed and capped off at the mainline connections.
- All water and drain lines shall be removed and sealed off at the mainline connections.
- Remove all existing plumbing chase, vent, and water lines associated with the remodeled areas.
- Remove all existing water and drain stacks associated with the remodeled areas.
- Remove all existing plumbing vents from the plantings beds.
- Remove all existing irrigation piping in the planting beds.
- Remove all existing water bibbs.
- Remove all existing wall-mounted lavatories and urinals.
- Remove all existing wall-mounted water closets.
- Remove all existing floor drains.
- Remove all existing waste vent stacks.
- Remove all existing flushometers and associated plumbing fixtures.
- Remove all existing associated plumbing fixtures.
- Remove all existing associated mechanical systems.
- Remove all existing associated electrical systems.
- Remove all existing associated HVAC systems.
- Remove all existing associated structural systems.
- All areas shall be cleaned and swept prior to turnover.
- Check and verify all dimensions and conditions at job site.

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_Drawings are for contractor's use only._

- Drawings are not for construction._
- Drawings are not for legal purposes._
- Drawings are not for publication._

**CONTRACTOR TO VERIFY DRAWINGS IN FIELD USE REFLECT LAST ISSUED DATE AND REVISION DATE.**
BOY'S RESTROOM - WATER PIPING ISOMETRIC

BOY'S RESTROOM - WATER SUPPLY PLAN

BOY'S RESTROOM - DWV PLAN

OGDEN SCHOOL DISTRICT
HIGHLAND SCHOOL REMODEL
325 GRAMERCY AVE. OGDEN, UT 84404

REFERENCE NOTES

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- Do not scale drawings. Use given dimensions only.
SHEET KEYNOTES

1. ROUTE CONDUIT AND WIRE UNDERGROUND TO RELAY CONTROL PANEL AS SHOWN. PROVIDE (1) 20A 1 POLE BREAKER WITHIN EXISTING 120/208V 3P PANEL 'B (E)' AND WIRE TO RELAY PANEL. TWO RELAYS ACCORDINGLY. CIRCUIT NUMBER FOR REFERENCE ONLY.

2. PROVIDE A RELAY CONTROL PACKAGE (LEVITON RE4DB-104+00LVS-04W-PC) FOR CONTROL OF AREA SITE AND FLAGPOLE LIGHTING. SEE DIAGRAM PXXX/E4.01 FOR MORE REQUIREMENTS. VERIFY EXACT LOCATION OF RELAY PANEL WITH ARCHITECT PRIOR TO USE.

SCALE = 1" = 20'-0"
SHEET KEYNOTES

1. EXISTING AREA TO RECEIVE NEW CEILING AND SELECT WALL FINISHES. REMOVE ALL EXISTING LIGHT FIXTURES AND ELECTRICAL APPARATUSES REQUIRED FOR DEMOLITION. REMOVE ALL CONDUIT, BOXES AND WIRE THAT ARE NOT TO BE USED IN NEW CONFIGURATION. ALL BOXES AND CONDUIT THAT ARE EXTENDING INTO WALLS OR CEILINGS MUST BE EXTENDED TO NEW SURFACE AND RE-INSTALL DEVICES I.E. FIRE ALARM, CAMERAS, POWER, DATA, ETC. UNLESS OTHERWISE NOTED.

SCALE = 3/64" = 1'-0"

LEVEL 1 OVERALL ELECTRICAL PLAN
1. Route and terminate new data outlets cables to existing IDF closet located on the floor.

2. Route and terminate new security devices cables to existing security/access control panel located in office. Verify exact location prior to rough-in.

3. Provide blank coverplates on all existing boxes located in masonry that are not being re-used.

4. Provide new smoke/heat detector as shown. Tie into the existing fire alarm existing fire alarm smoke/heat detector. Remove and re-install device in new location. Remove existing electrical wiring devices. Remove all unused wiring and existing fire alarm horn/strobe/pull station location. Remove device and extend box to new wall surface. Re-work and install new device and coverplate.

5. Disconnect heating unit. Extend conduit and wire as required and re-connect after relocated.

6. Wire exhaust fan to operate such that it turns on/off with lighting occupancy sensor delay.

7. Existing telephone outlet location. Remove device and extend box to new wall surface. Re-work and re-install existing device.

8. Existing receptacle location. Remove device and extend box to new wall surface. Re-work and install new device and coverplate.

9. Existing fire alarm smoke/heat detector. Remove and re-install device as required for new construction.

10. Provide (1) 20A 2 pole breaker within existing 120/208V 3P panel 'B (E)' and wire the exterior light fixtures accordingly. Circuit number for reference only.

11. Remove existing exterior wallpack. Relocate existing exterior camera to this location. Provide new category cable. Coordinate with the architect for maximum concealment of the conduit. Run conduit and wire to relay panel location as shown. Provide (1) 20A 1 pole breaker within existing 120/208V 3P panel 'B (E)' and wire the exterior light fixtures accordingly. Circuit number for reference only.

12. Remove existing exterior wallpack. Relocate existing exterior camera to this location. Provide new category cable. Coordinate with the architect for maximum concealment of the conduit. Run conduit and wire to relay panel location as shown. Provide (1) 20A 1 pole breaker within existing 120/208V 3P panel 'B (E)' and wire the exterior light fixtures accordingly. Circuit number for reference only.
1. Exact space layouts vary. See plans for approximate equipment.

2. Daylight zones shall be programmed with first and second primary lighting.

3. Nightlighting should be provided in back areas of the building.

4. Coordinator with the installer for exact location of actuators, operators, and any additional requirements.

5. Flexible conduit in walls.

6. 3/4" conduit.

7. Typical notification appliance circuit (class A, style 7).

8. Typical notification appliance circuit (class A, style Z).


11. Sheet rock in base junction box as applicable.

12. Junction box may require ground lug.

13. 4" diameter unless noted otherwise.

14. Fire alarm must be packed under pole base.

15. 1/2" flex to junction box.

16. Hand hole to pole base with ground lug.

17. Flow switch 1/2" flex to junction box.

18. Bush all conduits.

19. Typical signaling line circuit (class A, style 7).

20. Typical notification appliance circuit (class A, style Z).

21. Typical strobe circuit.

22. Provide Busram HEB fuseholder (or where located in grass. Mow strip shall be flush with grass. Mow strip shall slope to:

23. Provide concrete mow strip.

24. Channel.