New Canopy
3801 Washington Blvd.
Ogden, Utah 84403

Case, Lowe and Hart, Inc.
2484 Washington Blvd. Ste 510
Ogden, Utah 84401

ARW Engineers
1594 W. Park Cir.
Ogden, Utah 84404

DRAWING INDEX

CODE INFORMATION

DESCRIPTION: EXISTING TYPE Vb BUILDING AND M OCCUPANCY. REMOVE EXISTING WOOD CANOPY, ROOF, SOFFIT, LIGHTS. REPLACE WITH NEW STEEL STRUCTURE, METAL STUD FASCIA, LIGHTS AND ROOFING.

APPLICABLE CODES
2015 IBC, 2015 IEBC, 2014 NEC

OCCUPANCY
− M

BUILDING TYPE
− Vb

FIRE SUPPRESSION SYSTEM
− YES

ALLOWABLE AREA
− EXISTING BUILDING

FIRE WALLS
− EXISTING

PLUMBING REQUIRES
− EXISTING

DEFERRED SUBMITTALS
1−FIRE SUPPRESSION SYSTEM TO BE DESIGNED AND DETAILED BY GC AND SUB CONTRACTOR. PROVIDE TO CITY FOR APPROVAL.
2− PROVIDE METAL STUD DESIGN, CONNECTIONS AND ETC FOR ALL METAL STUD WALLS AND SOFFIT.
2. GOVERNING BUILDING CODE:
IN ACCORDANCE WITH IBC 1704.4, THE CONTRACTOR SHALL SUBMIT A WRITTEN CONTRACTOR SPECIFICATIONS, AND ACCORDANCE WITH IBC SECTION 110 AND CHAPTER 17. CONTRACTOR SHALL IT IS CONSIDERED A MANDATORY OBLIGATION AND SYNONYMOUS WITH THE PHRASE "HAS DUTY TO" INSTRUMENTS OF SERVICE, FOR ONE USE ONLY. REPRODUCTION AND DISTRIBUTION OF THESE STRUCTURAL ELEMENTS UNTIL THE ENTIRE STRUCTURAL SYSTEM IS COMPLETED. DESIGN OF ALL THE CONTRACTOR SHALL PROVIDE ADEQUATE TEMPORARY SHORING AND BRACING FOR ALL PLANS OR DETAILS FOR DIMENSIONAL INFORMATION.

9. VERIFYING ALL SIZES, DIMENSIONS, AND ELEVATIONS ON SUBMITTALS AS RELATED TO DESIGN ELEMENTS OF THE WORKING DRAWINGS AND/OR SPECIFICATIONS SHALL BE BROUGHT TO THE THE ARCHITECTURAL DRAWINGS ARE THE PRIME CONTRACT DRAWINGS. THE STRUCTURAL DRAWINGS TAKEN TO SUPERSEDE ANY INFORMATION SHOWN IN THESE DRAWINGS (INCL SEISMIC RESPONSE COEFFICIENT, C DESIGN BASE SHEAR : V SITE CLASS : D (DEFAULT) COMPONENT AND CLADDING DESIGN WIND PRESSURE SHALL BE AS REQUIRED PER ASCE 7-2010 RESISTING SYSTEM : ORDINARY CONCENTRICALLY BRACED FRAME 2.10. MINIMUM AIR CONTENT : 3000 PSI 2.1. MAXIMUM W/C RATIO :

3. ANCHOR/BOLT/STEEL CONNECTIONS

a. ALL ANCHORS SHALL HAVE FRESH GREASED STEEL PLATE WASHERS AT THE DISCRETION OF THE STRUCTURAL ENGINEER.

b. ALL ANCHORS SHALL BE IN CONTACT WITH REINFORCING STEEL.

H. ANCHORS AND DOWELS CONNECTED TO ADJACENT BARS SHALL BE STAGGERED CONNECTING TYPE COUPLER, AND SHALL BE INSTALLED IN ACCORDANCE WITH AN APPROVED ICC AUDIO REPORT. WHERE THESE ARE USED, SPLICES ON ADJACENT BARS SHALL BE STAGGERED 5X THE BAR DIAMETER.

6. DOWELS EMBEDDED WITHIN THE FOOTINGS OR STRUCTURE BELOW. SPLICE LENGTHS SHALL COMPLY OF AT LEAST 125% OF THE STRENGTH OF THE BAR. MECHANICAL COUPLERS SHALL BE A POSITIVE except where noted on plans or details continuous reinforcement shall be spliced at

7. INSTEAD OF WELD REINFORCING EXCEPT AS NOTED ON PLANS, WHERE REINFORCING IS WELDED, USE

8. DO NOT WELD REINFORCING EXCEPT AS NOTED ON PLANS, WHERE REINFORCING IS WELDED, USE

B. BASE OF DESIGN

EXCERPTED FROM SEC 110(A), THE CONTRACTOR SHALL SUBMIT A WRITTEN CONTRACTOR SPECIFICATIONS AND OR DRAWINGS OF THE CONTRACT DOCUMENTS (INCLUDING ALL APPENDICES).

C. GENERAL

1. THE DESIGNATED MEMBERS LISTED HEREIN AND THEIR RESPECTIVE SYSTEMS ARE THE ONLY MEMBERS TO WHICH THE CONTRACTOR HAS CONTRACTUAL RELATIONSHIP. ALL OTHER MEMBERS ARE THE SOLE RESPONSIBILITY OF THE CONTRACTING ARCHITECT.

2. ALL TESTING AND SPECIAL INSPECTION SHALL BE PERFORMED BY A QUALIFIED INDEPENDENT SPECIAL INSPECTOR WHO IS LICENSED IN THE STATE WHERE THE STRUCTURAL MEMBER IS TO BE CONSTRUCTED.

3. ALL TESTING AND SPECIAL INSPECTION SHALL BE PERFORMED BY A QUALIFIED INDEPENDENT SPECIAL INSPECTOR WHO IS LICENSED IN THE STATE WHERE THE STRUCTURAL MEMBER IS TO BE CONSTRUCTED.

4. ALL TESTING AND SPECIAL INSPECTION SHALL BE PERFORMED BY A QUALIFIED INDEPENDENT SPECIAL INSPECTOR WHO IS LICENSED IN THE STATE WHERE THE STRUCTURAL MEMBER IS TO BE CONSTRUCTED.

5. THE CONTRACTOR SHALL SUBMIT A WRITTEN CONTRACTOR SPECIFICATIONS AND OR DRAWINGS OF THE CONTRACT DOCUMENTS (INCLUDING ALL APPENDICES).
1. STRUCTURAL STEEL

A. STRUCTURAL STEEL SHALL BE FURNISHED AND SPECIFIED IN ACCORDANCE WITH THE DETAILS INDICATED IN CONFORMITY WITH THE FOLLOWING:

1. SPECIFICATIONS FOR STRUCTURAL STEEL BUILDINGS, WITH APPROPRIATE AND ACCORDING TO THE CODES AND REGULATIONS OF THE JURISDICTION IN WHICH THE STRUCTURE IS TO BE BUILT.

2. SEISMIC PROVISIONS FOR STRUCTURAL STEEL BUILDINGS - ACCEPTANCE OF STEELS SHALL BE AS PERMITTED IN SECTION 23500 OF THE SDG&EB.

3. MM 1100 STANDARD INDUSTRIAL STEEL.

4. USING STEEL MANUFACTURERS' DETAILED BOLTED CONNECTIONS.

5. USING STEEL MANUFACTURERS' DETAILED WELDED CONNECTIONS.

6. USING STEEL MANUFACTURERS' DETAILED DESIGN.

7. USING AISC WEBO Connection Design Software.

B. THE DESIGN REQUIREMENTS FOR STRUCTURAL STEEL BUILDINGS SHALL BE IN ACCORDANCE WITH REFERENCE TO THE FOLLOWING:

1. SECTIONS OF THE SDG&EB.

2. SPECIFICATIONS OF THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC).

3. CODING REGULATIONS OF THE JURISDICTION IN WHICH THE STRUCTURE IS TO BE BUILT.

4. LOCAL OR OTHER INSTITUTIONS AS PERMITTED IN SECTION 23500 OF THE SDG&EB.

5. SECTION OF THE LOCAL CODES AND REGULATIONS.

6. SECTION OF THE LOCAL BUILDING CODE.

7. SECTION OF THE LOCAL FIRE PROTECTION CODE.

8. SECTION OF THE LOCAL ENVIRONMENTAL CODE.

9. SECTION OF THE LOCAL HEALTH CODE.

10. SECTION OF THE LOCAL ACCESSIBILITY CODE.

11. SECTION OF THE LOCAL SECURITY CODE.

12. SECTION OF THE LOCAL OTHER APPROPRIATE CODES.

C. THE DESIGN REQUIREMENTS OF THE STRUCTURAL STEEL BUILDINGS SHALL BE IN ACCORDANCE WITH THE FOLLOWING:

1. SECTIONS OF THE SDG&EB.

2. SPECIFICATIONS OF THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC).

3. CODING REGULATIONS OF THE JURISDICTION IN WHICH THE STRUCTURE IS TO BE BUILT.

4. LOCAL OR OTHER INSTITUTIONS AS PERMITTED IN SECTION 23500 OF THE SDG&EB.

5. SECTION OF THE LOCAL BUILDING CODE.

6. SECTION OF THE LOCAL FIRE PROTECTION CODE.

7. SECTION OF THE LOCAL ENVIRONMENTAL CODE.

8. SECTION OF THE LOCAL HEALTH CODE.

9. SECTION OF THE LOCAL ACCESSIBILITY CODE.

10. SECTION OF THE LOCAL SECURITY CODE.

11. SECTION OF THE LOCAL OTHER APPROPRIATE CODES.

12. SECTION OF THE LOCAL OTHER APPROPRIATE CODES.

D. THE DESIGN REQUIREMENTS OF THE STRUCTURAL STEEL BUILDINGS SHALL BE IN ACCORDANCE WITH THE FOLLOWING:

1. SECTIONS OF THE SDG&EB.

2. SPECIFICATIONS OF THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC).

3. CODING REGULATIONS OF THE JURISDICTION IN WHICH THE STRUCTURE IS TO BE BUILT.

4. LOCAL OR OTHER INSTITUTIONS AS PERMITTED IN SECTION 23500 OF THE SDG&EB.

5. SECTION OF THE LOCAL BUILDING CODE.

6. SECTION OF THE LOCAL FIRE PROTECTION CODE.

7. SECTION OF THE LOCAL ENVIRONMENTAL CODE.

8. SECTION OF THE LOCAL HEALTH CODE.

9. SECTION OF THE LOCAL ACCESSIBILITY CODE.

10. SECTION OF THE LOCAL SECURITY CODE.

11. SECTION OF THE LOCAL OTHER APPROPRIATE CODES.

12. SECTION OF THE LOCAL OTHER APPROPRIATE CODES.

E. THE DESIGN REQUIREMENTS OF THE STRUCTURAL STEEL BUILDINGS SHALL BE IN ACCORDANCE WITH THE FOLLOWING:

1. SECTIONS OF THE SDG&EB.

2. SPECIFICATIONS OF THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC).

3. CODING REGULATIONS OF THE JURISDICTION IN WHICH THE STRUCTURE IS TO BE BUILT.

4. LOCAL OR OTHER INSTITUTIONS AS PERMITTED IN SECTION 23500 OF THE SDG&EB.

5. SECTION OF THE LOCAL BUILDING CODE.

6. SECTION OF THE LOCAL FIRE PROTECTION CODE.

7. SECTION OF THE LOCAL ENVIRONMENTAL CODE.

8. SECTION OF THE LOCAL HEALTH CODE.

9. SECTION OF THE LOCAL ACCESSIBILITY CODE.

10. SECTION OF THE LOCAL SECURITY CODE.

11. SECTION OF THE LOCAL OTHER APPROPRIATE CODES.

12. SECTION OF THE LOCAL OTHER APPROPRIATE CODES.

F. THE DESIGN REQUIREMENTS OF THE STRUCTURAL STEEL BUILDINGS SHALL BE IN ACCORDANCE WITH THE FOLLOWING:

1. SECTIONS OF THE SDG&EB.

2. SPECIFICATIONS OF THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC).

3. CODING REGULATIONS OF THE JURISDICTION IN WHICH THE STRUCTURE IS TO BE BUILT.

4. LOCAL OR OTHER INSTITUTIONS AS PERMITTED IN SECTION 23500 OF THE SDG&EB.

5. SECTION OF THE LOCAL BUILDING CODE.

6. SECTION OF THE LOCAL FIRE PROTECTION CODE.

7. SECTION OF THE LOCAL ENVIRONMENTAL CODE.

8. SECTION OF THE LOCAL HEALTH CODE.

9. SECTION OF THE LOCAL ACCESSIBILITY CODE.

10. SECTION OF THE LOCAL SECURITY CODE.

11. SECTION OF THE LOCAL OTHER APPROPRIATE CODES.

12. SECTION OF THE LOCAL OTHER APPROPRIATE CODES.

2. GENERAL

A. THE DESIGN REQUIREMENTS FOR STRUCTURAL STEEL BUILDINGS SHALL BE IN ACCORDANCE WITH THE FOLLOWING:

1. SECTIONS OF THE SDG&EB.

2. SPECIFICATIONS OF THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC).

3. CODING REGULATIONS OF THE JURISDICTION IN WHICH THE STRUCTURE IS TO BE BUILT.

4. LOCAL OR OTHER INSTITUTIONS AS PERMITTED IN SECTION 23500 OF THE SDG&EB.

5. SECTION OF THE LOCAL BUILDING CODE.

6. SECTION OF THE LOCAL FIRE PROTECTION CODE.

7. SECTION OF THE LOCAL ENVIRONMENTAL CODE.

8. SECTION OF THE LOCAL HEALTH CODE.

9. SECTION OF THE LOCAL ACCESSIBILITY CODE.

10. SECTION OF THE LOCAL SECURITY CODE.

11. SECTION OF THE LOCAL OTHER APPROPRIATE CODES.

12. SECTION OF THE LOCAL OTHER APPROPRIATE CODES.

B. THE DESIGN REQUIREMENTS FOR STRUCTURAL STEEL BUILDINGS SHALL BE IN ACCORDANCE WITH THE FOLLOWING:

1. SECTIONS OF THE SDG&EB.

2. SPECIFICATIONS OF THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC).

3. CODING REGULATIONS OF THE JURISDICTION IN WHICH THE STRUCTURE IS TO BE BUILT.

4. LOCAL OR OTHER INSTITUTIONS AS PERMITTED IN SECTION 23500 OF THE SDG&EB.

5. SECTION OF THE LOCAL BUILDING CODE.

6. SECTION OF THE LOCAL FIRE PROTECTION CODE.

7. SECTION OF THE LOCAL ENVIRONMENTAL CODE.

8. SECTION OF THE LOCAL HEALTH CODE.

9. SECTION OF THE LOCAL ACCESSIBILITY CODE.

10. SECTION OF THE LOCAL SECURITY CODE.

11. SECTION OF THE LOCAL OTHER APPROPRIATE CODES.

12. SECTION OF THE LOCAL OTHER APPROPRIATE CODES.
<table>
<thead>
<tr>
<th>SHEET NO:</th>
<th>S003</th>
</tr>
</thead>
</table>

2018 IBC CONCRETE REBAR LAP SPICE SCHEDULE
FOR CONCRETE APPLICATIONS (1603.16.1)

**BAR SIZE**

<table>
<thead>
<tr>
<th>TYPE</th>
<th>DIAMETER</th>
<th>B</th>
<th>M</th>
<th>D</th>
<th>F</th>
<th>T</th>
<th>C</th>
<th>T1</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>1/4'</td>
<td>1.5</td>
<td>0.75</td>
<td>0.5</td>
<td>0.25</td>
<td>0.125</td>
<td>0.0625</td>
<td>0.03125</td>
</tr>
<tr>
<td>12</td>
<td>1/2'</td>
<td>3</td>
<td>1.5</td>
<td>1</td>
<td>0.5</td>
<td>0.25</td>
<td>0.125</td>
<td>0.0625</td>
</tr>
<tr>
<td>18</td>
<td>5/8'</td>
<td>4.5</td>
<td>2.25</td>
<td>1.5</td>
<td>0.75</td>
<td>0.375</td>
<td>0.1875</td>
<td>0.1125</td>
</tr>
<tr>
<td>24</td>
<td>3/4'</td>
<td>6</td>
<td>3</td>
<td>2.5</td>
<td>1.25</td>
<td>0.625</td>
<td>0.3125</td>
<td>0.1875</td>
</tr>
<tr>
<td>30</td>
<td>7/8'</td>
<td>7.5</td>
<td>3.75</td>
<td>2.5</td>
<td>1.25</td>
<td>0.625</td>
<td>0.3125</td>
<td>0.1875</td>
</tr>
<tr>
<td>36</td>
<td>1'</td>
<td>9</td>
<td>4.5</td>
<td>3</td>
<td>1.5</td>
<td>0.75</td>
<td>0.375</td>
<td>0.25</td>
</tr>
<tr>
<td>42</td>
<td>1 1/4'</td>
<td>10.5</td>
<td>5.25</td>
<td>3.5</td>
<td>1.75</td>
<td>0.875</td>
<td>0.4375</td>
<td>0.275</td>
</tr>
<tr>
<td>48</td>
<td>1 1/2'</td>
<td>12</td>
<td>6</td>
<td>4</td>
<td>2</td>
<td>1</td>
<td>0.5</td>
<td>0.3125</td>
</tr>
<tr>
<td>54</td>
<td>1 3/4'</td>
<td>13.5</td>
<td>6.75</td>
<td>4.5</td>
<td>2.25</td>
<td>1.125</td>
<td>0.5625</td>
<td>0.34375</td>
</tr>
<tr>
<td>60</td>
<td>2'</td>
<td>15</td>
<td>7.5</td>
<td>5</td>
<td>2.5</td>
<td>1.25</td>
<td>0.625</td>
<td>0.4</td>
</tr>
</tbody>
</table>

**COMMENTS**

1. BAR SPICES SHALL BE INCREASED BY 50% FOR STRAIGHT BAR DEVELOPMENT AND 20% FOR HOOKED BARS WHERE EPOXY COATING IS USED.
2. BAR SPICES LARGER THAN J-13 USED MECHANICAL COUPLERS.

**STANDARD HOOK & BEND SCHEDULE**

- **Type A**
  - USE WHERE MECHANICAL COUPLERS ARE NOT AVAILABLE.
  - **FACE OF JOINT OR CRITICAL SECTION**
  - **FACE OF JOINT OR CRITICAL SECTION**

<table>
<thead>
<tr>
<th>BAR SIZE</th>
<th>BEAM TOP BARS</th>
<th>BEAM BOTTOM BARS</th>
<th>FOOTING TOP BARS</th>
<th>FOOTING BOTTOM BARS</th>
<th>HORIZ. WALL BARS</th>
<th>VERT. WALL BARS</th>
<th>BAR LOCATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>1/3&quot;</td>
<td>1/3&quot;</td>
<td>1/4&quot;</td>
<td>1/4&quot;</td>
<td>1/4&quot;</td>
<td>1/4&quot;</td>
<td>F1</td>
</tr>
<tr>
<td>18</td>
<td>1/2&quot;</td>
<td>1/2&quot;</td>
<td>3/16&quot;</td>
<td>3/16&quot;</td>
<td>3/16&quot;</td>
<td>3/16&quot;</td>
<td>F3</td>
</tr>
<tr>
<td>24</td>
<td>5/8&quot;</td>
<td>5/8&quot;</td>
<td>7/32&quot;</td>
<td>7/32&quot;</td>
<td>7/32&quot;</td>
<td>7/32&quot;</td>
<td>F4</td>
</tr>
<tr>
<td>42</td>
<td>1&quot;</td>
<td>1&quot;</td>
<td>13/32&quot;</td>
<td>13/32&quot;</td>
<td>13/32&quot;</td>
<td>13/32&quot;</td>
<td>F7</td>
</tr>
<tr>
<td>48</td>
<td>1 1/4&quot;</td>
<td>1 1/4&quot;</td>
<td>15/32&quot;</td>
<td>15/32&quot;</td>
<td>15/32&quot;</td>
<td>15/32&quot;</td>
<td>F8</td>
</tr>
<tr>
<td>54</td>
<td>1 1/2&quot;</td>
<td>1 1/2&quot;</td>
<td>17/32&quot;</td>
<td>17/32&quot;</td>
<td>17/32&quot;</td>
<td>17/32&quot;</td>
<td>F9</td>
</tr>
<tr>
<td>60</td>
<td>1 3/4&quot;</td>
<td>1 3/4&quot;</td>
<td>19/32&quot;</td>
<td>19/32&quot;</td>
<td>19/32&quot;</td>
<td>19/32&quot;</td>
<td>F10</td>
</tr>
</tbody>
</table>

**FACE OF JOINT OR CRITICAL SECTION**

- **BEAM TOP BARS**
  - 1/2" BAR
  - **FOOTING TOP BARS**
  - 5/8" BAR
  - **HORIZ. WALL BARS**
  - 3/8" BAR
  - **VERT. WALL BARS**
  - 1/8" BAR

**FOOTING BOTTOM BARS**

- 3/16" BAR

**FACE OF JOINT OR CRITICAL SECTION**

- 1/4" BAR

**NOTE:**

- Use standard lap spacings shown in the schedule for splices shown. SEE STRUCTURAL NOTES FOR MINIMUM SPACING CAPACITY. WHERE MECHANICAL COUPLERS ARE USED, SPACER AUGMENT SPACES A MINIMUM OF 30" AS MEASURED FROM THE FACE OF THE JOINT OR CRITICAL SECTION.
INSPECTION TASKS PRIOR TO WELDING (TABLE N5.4-1)

INSPECTION TASKS AFTER WELDING (TABLE N5.6-2)

NOTES

- PERIODIC: OBSERVE THESE ITEMS ON AN ANNUAL BASIS. ITEMS MAY BE OBSERVED DURING PRE-INSTALLATION INSPECTION.
- CONTINUOUS: PERFORM THESE TASKS FOR EACH WELDING JOINT AS REQUIRED.
- PERIODIC: OBSERVE THESE ITEMS ON A ROLLING BASIS WHERE THESE ITEMS MAY BE OBSERVED DURING PRE-INSTALLATION INSPECTIONS.
- CONTINUOUS: PERFORM THESE TASKS FOR EACH WELDING JOINT AS REQUIRED.

NOTES

- PERIODIC: OBSERVE THESE ITEMS ON AN ANNUAL BASIS. ITEMS MAY BE OBSERVED DURING PRE-INSTALLATION INSPECTION.
- CONTINUOUS: PERFORM THESE TASKS FOR EACH WELDING JOINT AS REQUIRED.
- PERIODIC: OBSERVE THESE ITEMS ON A ROLLING BASIS WHERE THESE ITEMS MAY BE OBSERVED DURING PRE-INSTALLATION INSPECTIONS.
- CONTINUOUS: PERFORM THESE TASKS FOR EACH WELDING JOINT AS REQUIRED.

NOTES

- PERIODIC: OBSERVE THESE ITEMS ON AN ANNUAL BASIS. ITEMS MAY BE OBSERVED DURING PRE-INSTALLATION INSPECTION.
- CONTINUOUS: PERFORM THESE TASKS FOR EACH WELDING JOINT AS REQUIRED.
- PERIODIC: OBSERVE THESE ITEMS ON A ROLLING BASIS WHERE THESE ITEMS MAY BE OBSERVED DURING PRE-INSTALLATION INSPECTIONS.
- CONTINUOUS: PERFORM THESE TASKS FOR EACH WELDING JOINT AS REQUIRED.

NOTES

- PERIODIC: OBSERVE THESE ITEMS ON AN ANNUAL BASIS. ITEMS MAY BE OBSERVED DURING PRE-INSTALLATION INSPECTION.
- CONTINUOUS: PERFORM THESE TASKS FOR EACH WELDING JOINT AS REQUIRED.
- PERIODIC: OBSERVE THESE ITEMS ON A ROLLING BASIS WHERE THESE ITEMS MAY BE OBSERVED DURING PRE-INSTALLATION INSPECTIONS.
- CONTINUOUS: PERFORM THESE TASKS FOR EACH WELDING JOINT AS REQUIRED.

GENERAL STEEL SPECIAL INSPECTION SCHEDULE

- PERIODIC: OBSERVE THESE ITEMS ON AN ANNUAL BASIS. ITEMS MAY BE OBSERVED DURING PRE-INSTALLATION INSPECTION.
- CONTINUOUS: PERFORM THESE TASKS FOR EACH WELDING JOINT AS REQUIRED.
- PERIODIC: OBSERVE THESE ITEMS ON A ROLLING BASIS WHERE THESE ITEMS MAY BE OBSERVED DURING PRE-INSTALLATION INSPECTIONS.
- CONTINUOUS: PERFORM THESE TASKS FOR EACH WELDING JOINT AS REQUIRED.

CONSULTANTS

Cec. Lowe & Ret. Inc. 2 N Boston Ave., Suite 101, Springfield, MA 01104
212-901-7542 • www.clh.com

STEAM

Cec. Lowe & Ret. Inc. 2 N Boston Ave., Suite 101, Springfield, MA 01104
212-901-7542 • www.clh.com

NEW CANOPY

3610 Westridge Drive
South Ogden, Utah

MARK DATE DESCRIPTION

DATE: October 21, 2019
PROJECT NO: 19693
DRAWN BY: Z. Thorner
MARK NO: S004

REVIEW SET

October 21, 2019
SCHEDULES

PAGE 4/4
SPECIAL INSPECTION SCHEDULE 1

1. SPECIAL INSPECTION IS NOT REQUIRED FOR CONCRETE CONSTRUCTION INVOLVING AN EPOXY / EXPANSION ANCHOR PLACEMENT WHEN THE MATERIAL USED IN THE CONSTRUCTION TOOK PLACE ON SITE. SPECIAL INSPECTION WILL NOT BE REQUIRED DURING PREFABRICATION IF THE APPROVED AGENCY CERTIFIES THE CONSTRUCTION AND FURNISHES EVIDENCE OF COMPLIANCE. (SEE NOTE 2).

2. INSPECTION FOR PREFABRICATED CONSTRUCTION SHALL BE THE SAME AS IF THE MATERIAL USED IN THE CONSTRUCTION TOOK PLACE ON SITE.

3. PERIODIC SPECIAL INSPECTION IS REQUIRED FOR VERIFICATION OF IN-SITU CONCRETE STRENGTH FOR POST-TENSIONED STRUCTURAL MEMBERS RESISTING FLEXURAL AND AXIAL FORCES IN INTERMEDIATE AND SPECIAL MOMENT FRAMES, BOUNDARY ELEMENTS OF SPECIAL MOMENT FRAMES, AND SHEAR REINFORCEMENT. PERIODIC SPECIAL INSPECTION IS ALLOWED FOR FLEXURAL AND AXIAL FORCES IN INTERMEDIATE AND SPECIAL MOMENT FRAMES, BOUNDARY ELEMENTS OF SPECIAL MOMENT FRAMES, AND SHEAR REINFORCEMENT. PERIODIC SPECIAL INSPECTION IS ALLOWED FOR VERIFICATION OF THE WELDABILITY OF REINFORCING STEEL RESISTING IN-PLANE STRESSES IN AN IN-PLANE LOAD RESISTING SYSTEM SUCH AS REINFORCED CONCRETE SHEAR WALLS, AND SHEAR REINFORCEMENT.

4. PERIODIC SPECIAL INSPECTION IS ALLOWED FOR DETERMINATION OF THE WELDABILITY OF REINFORCING STEEL RESISTING IN-PLANE STRESSES IN AN IN-PLANE LOAD RESISTING SYSTEM SUCH AS REINFORCED CONCRETE SHEAR WALLS, AND SHEAR REINFORCEMENT.

5. EPOXY AND EXPANSION ANCHORS INTO MASONRY OR CONCRETE MAY BE USED ONLY WHEN APPROVED BY ARCHITECT. AND/OR CORRECTED, THEY SHALL BE BROUGHT TO THE ATTENTION OF THE BUILDING OFFICIAL, ARCHITECT, AND ENGINEER PRIOR TO COMPLETION OF THAT PHASE OF WORK. SPECIAL INSPECTION TESTING REQUIREMENTS APPLY EQUALLY TO ALL BIDDER DESIGNED COMPONENTS. REFER TO THE MATERIAL SAMPLING AND TESTING SECTION, THE PROJECT SPECIFICATIONS, AND THE SPECIFIC GENERAL NOTES SECTIONS. THE TESTING AGENCY SHALL SEND COPIES OF ALL STRUCTURAL TESTING AND INSPECTION REPORTS DIRECTLY TO THE ARCHITECT, ENGINEER, AND ANY OTHER APPROVED PERSON OR PARTY INVOLVED IN THE CONSTRUCTION PROCESS.

GENERAL SPECIAL INSPECTION NOTES:

1. SPECIAL INSPECTION IS NOT REQUIRED WHERE THE WORK IS DONE ON THE PREMISES OF A FABRICATOR REGISTERED AND/OR CERTIFIED BY THE BUILDING ADMINISTRATION. SPECIAL INSPECTION IS NOT REQUIRED FOR CONCRETE ISOLATED SPREAD FOOTINGS, CONTINUOUS FOOTINGS, NON-STRUCTURAL WALLS, AND SIMILAR TYPES OF LOAD SHARING MEMBERS. SPECIAL INSPECTION IS NOT REQUIRED FOR CONCRETE ISOLATED SPREAD FOOTINGS, CONTINUOUS FOOTINGS, NON-STRUCTURAL WALLS, AND SIMILAR TYPES OF LOAD SHARING MEMBERS.

2. SPECIAL INSPECTION OF SOILS SHALL REFER TO THE APPROVED SOILS REPORT TO DETERMINE COMPLIANCE.

3. PERFORM AIR, SLUMP AND TEMP. TESTS WHEN CONCRETE SAMPLES ARE CAST.

4. PERIODIC SPECIAL INSPECTION IS ALLOWED FOR VERIFICATION OF IN-SITU CONCRETE STRENGTH FOR POST-TENSIONED STRUCTURAL MEMBERS RESISTING FLEXURAL AND AXIAL FORCES IN INTERMEDIATE AND SPECIAL MOMENT FRAMES, BOUNDARY ELEMENTS OF SPECIAL MOMENT FRAMES, AND SHEAR REINFORCEMENT.

5. WHERE SOILS REPORT IS NOT PROVIDED SPECIAL INSPECTIONS ARE REQUIRED TO VERIFY THAT THE IN-PLACE DRY DENSITY OF COMPACTION OF CONTROLLED FILL IS NOT LESS THAN 90 PERCENT OF THE MAXIMUM DRY DENSITY AT OPTIMUM MOISTURE CONTENT DETERMINED IN ACCORDANCE WITH ASTM D 1557.

6. THE ITEMS MARKED WITH A " " IN THE SPECIAL INSPECTION SCHEDULE SHALL BE INSPECTED IN ACCORDANCE WITH IBC CHAPTER 17 BY A CERTIFIED SPECIAL INSPECTOR FROM AN ESTABLISHED TESTING AGENCY. FOR MATERIAL SAMPLING AND TESTING REQUIREMENTS, REFER TO THE MATERIAL SAMPLING AND TESTING SECTION, THE PROJECT SPECIFICATIONS, AND THE SPECIFIC GENERAL NOTES SECTIONS. THE TESTING AGENCY SHALL SEND COPIES OF ALL STRUCTURAL TESTING AND INSPECTION REPORTS DIRECTLY TO THE ARCHITECT, ENGINEER, AND ANY OTHER APPROVED PERSON OR PARTY INVOLVED IN THE CONSTRUCTION PROCESS.

7. REFER TO THE SPECIAL INSPECTION SCHEDULE, THE PROJECT SPECIFICATIONS, AND THE SPECIFIC GENERAL NOTES SECTIONS. THE TESTING AGENCY SHALL SEND COPIES OF ALL STRUCTURAL TESTING AND INSPECTION REPORTS DIRECTLY TO THE ARCHITECT, ENGINEER, AND ANY OTHER APPROVED PERSON OR PARTY INVOLVED IN THE CONSTRUCTION PROCESS.

8. SPECIAL INSPECTION IS NOT REQUIRED FOR CONCRETE CONSTRUCTION INVOLVING AN EPOXY / EXPANSION ANCHOR PLACEMENT WHEN THE MATERIAL USED IN THE CONSTRUCTION TOOK PLACE ON SITE. SPECIAL INSPECTION WILL NOT BE REQUIRED DURING PREFABRICATION IF THE APPROVED AGENCY CERTIFIES THE CONSTRUCTION AND FURNISHES EVIDENCE OF COMPLIANCE. (SEE NOTE 2).

9. SPECIAL INSPECTION IS NOT REQUIRED WHERE THE WORK IS DONE ON THE PREMISES OF A FABRICATOR REGISTERED AND/OR CERTIFIED BY THE BUILDING ADMINISTRATION. SPECIAL INSPECTION IS NOT REQUIRED FOR CONCRETE ISOLATED SPREAD FOOTINGS, CONTINUOUS FOOTINGS, NON-STRUCTURAL WALLS, AND SIMILAR TYPES OF LOAD SHARING MEMBERS.

10. SPECIAL INSPECTION IS NOT REQUIRED FOR CONCRETE ISOLATED SPREAD FOOTINGS, CONTINUOUS FOOTINGS, NON-STRUCTURAL WALLS, AND SIMILAR TYPES OF LOAD SHARING MEMBERS.

11. EPOXY AND EXPANSION ANCHORS INTO MASONRY OR CONCRETE MAY BE USED ONLY WHEN APPROVED BY ARCHITECT.

12. SPECIAL INSPECTION TESTING REQUIREMENTS APPLY EQUALLY TO ALL BIDDER DESIGNED COMPONENTS. REFER TO THE MATERIAL SAMPLING AND TESTING SECTION, THE PROJECT SPECIFICATIONS, AND THE SPECIFIC GENERAL NOTES SECTIONS. THE TESTING AGENCY SHALL SEND COPIES OF ALL STRUCTURAL TESTING AND INSPECTION REPORTS DIRECTLY TO THE ARCHITECT, ENGINEER, AND ANY OTHER APPROVED PERSON OR PARTY INVOLVED IN THE CONSTRUCTION PROCESS.
FOOTING AND FOUNDATION PLAN

CANOPY FRAMING PLAN

NOTE: DUE TO A LACK OF AS-BUILT DRAWINGS AND SELECTIVE DEMOLITION, EXISTING CONDITIONS HAVE NOT BEEN VERIFIED. CONTRACTOR TO FIELD VERIFY ALL EXISTING CONDITIONS AND CONTACT ARCHITECT AND ENGINEER IF EXISTING CONDITIONS VARY FROM THOSE SHOWN.
EXISTING WALL / STOREFRONT

NEW STEEL STUD SOFFIT - BY OTHERS
COLD-FORMED FRAMING CLIP AND ATTACHMENT - BY OTHERS

NEW STEEL STUD WALL - BY OTHERS
COLD-FORMED FRAMING CLIP AND ATTACHMENT - BY OTHERS

EXISTING ROOF STRUCTURE
EXISTING WOOD BEAM
COLD-FORMED FRAMING CLIP AND ATTACHMENT - BY OTHERS

W BEAM - SEE PLAN
NEW STEEL STUD SOFFIT - BY OTHERS
COLD-FORMED FRAMING CLIP AND ATTACHMENT - BY OTHERS

W BEAM - SEE PLAN
NEW STEEL STUD WALL - BY OTHERS
COLD-FORMED FRAMING CLIP AND ATTACHMENT - BY OTHERS

DRAWN BY:
New Canopy
3801 Washington Blvd.
South Ogden, Utah

CHECKED BY:
Case, Lowe & Hart, Inc.
2484 Washington Blvd.
Suite 510
Ogden, Utah
801.399.5821
www.clhae.com

ISSUE DATE: October 21, 2019
PROJECT NO: S202
DETAILED BY:
October 21, 2019
REVIEW SET:
October 21, 2019

Sheets: 3 of 3
Sheet: S202
Details: 3 of 3
12. Paint all miscellaneous surfaces, supports, metals, etc. if permanently attached to painted surface or exposed to the elements.

11. Provide flooring transition where dissimilar flooring materials occur.

7. Generally, dimensions shown on architectural drawings are taken from the core structure face (e.g., concrete wall face of wall, stud wall face of stud).

6. Any additional blocking, bracing, trim, flashing, sealants, etc. required for installation of complete systems, pertaining to doors, windows, openings, penetrations, etc., are expected to be provided and installed by the contractor.

5. Details provided for visual representation of design intent. Often the details are based on a basis of depicted product and/or material and may be diagrammatic in nature.

4. Where specific details are not provided, typical or similar industry standard details shall apply. If further detail is required contact architect.

3. The contractor shall submit any proposed changes or modifications of the contract documents, in writing, to the architect before proceeding with any action.

2. The contractor shall verify all existing conditions prior to any work, items and dimensions between existing and new portions of the project shall be verified to ensure coordination.

1. The architectural drawings are the primary contract documents. Any conflicts between architectural drawings and existing conditions and/or drawings of other disciplines shall be immediately reported to the architect.
### EXTERIOR COLOR SCHEDULE

<table>
<thead>
<tr>
<th>ITEM</th>
<th>MATERIAL</th>
<th>COLOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>PREFINISHED METAL SIDING:</td>
<td>&quot;MBCI&quot; PBC PANEL, SIGNATURE 200 26 GAUGE</td>
<td>TBD</td>
</tr>
<tr>
<td>STEEL FLASHERS</td>
<td>TBD</td>
<td>TBD</td>
</tr>
<tr>
<td>STEEL COLUMNS</td>
<td>STEEL</td>
<td>TBD</td>
</tr>
<tr>
<td>PREFINISHED MTL SOFFIT</td>
<td>TBD</td>
<td>TBD</td>
</tr>
</tbody>
</table>

---

**Exterior Elevations**

- **B1 EAST EXTERIOR ELEVATION**
- **B2 SOUTH EXTERIOR ELEVATION**
- **B3 NORTH EXTERIOR ELEVATION**