EXISTING METAL SOFFIT PANEL TO REMAIN
EXISTING METAL FLASHING TO REMAIN
EXISTING BUILDING - PROTECT
PREFINISHED METAL SOFFIT PANELS

EXPOSED METAL DECK - PAINT - TYP.
PREFINISHED METAL GUTTER AND DOWNSPOUTS
CONCRETE COLUMN - TYP. SEE STRUCTURAL
EXISTING BUILDING - PROTECT

LIGHT - TYP. SEE ELECTRICAL
CONCRETE COLUMN - TYP. SEE STRUCTURAL
PREFINISHED METAL GUTTER AND DOWNSPOUTS

EXISTING METAL SOFFIT PANEL TO REMAIN
EXISTING METAL FLASHING TO REMAIN
EXPOSED METAL DECK - PAINT - TYP.
EXPOSED METAL JOIST - PAINT - TYP.

CANOPY CEILING PLAN
CANOPY CEILING PLAN-ALTERNATE BID

1/8" = 1'-0" CANOPY CEILING PLAN
1/8" = 1'-0" CANOPY CEILING PLAN-ALTERNATE BID
NORTH
NORTH

REFLECTED CEILING PLANS
ARC TRANSFER CENTER PHASE I CANOPY - 2012 PROJECT
3355 JOHN F. KENNEDY CIRCLE
DUBUQUE, IOWA 52002
07/18/12 100% CONSTRUCTION DOCUMENTS
CITY OF DUBUQUE

A2.0
Project No. 11095-01 ARC Transfer Center Canopy - 2012 Project
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SECTION AT EXISTING BUILDING

CANOPY ROOFING

SOFFIT PANEL SYSTEM

RADIUSED ROOF JOIST
- SEE STRUCTURAL

PRE-CAST CONCRETE BEAM

CONCRETE COLUMN

EXISTING COLUMN

1/4" = 1'-0" 6 SECTION AT EXISTING BUILDING

TRANSVERSE SECTION

CANOPY ROOFING

SOFFIT PANEL SYSTEM

RADIUSED ROOF JOIST
- SEE STRUCTURAL

PRE-CAST CONCRETE BEAM

CONCRETE COLUMN

EXISTING COLUMN

1/4" = 1'-0" 8 TRANSVERSE SECTION

LONGITUDINAL SECTION

CANOPY ROOFING

SOFFIT PANEL SYSTEM

RADIUSED ROOF JOIST
- SEE STRUCTURAL

PRE-CAST CONCRETE BEAM

CONCRETE COLUMN

EXISTING COLUMN

1/4" = 1'-0" 16 LONGITUDINAL SECTION
**TABLE 1704.3**

<table>
<thead>
<tr>
<th>Configuration</th>
<th>Min. Embedment</th>
<th>Max. Embedment</th>
<th>Referenced Standard</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single Anchor</td>
<td>-</td>
<td>-</td>
<td>Referenced Codes: IBC 2009 Section 1704.8.2.2, ACI 318: 5.6, 5.8, SD1: 0.074, SD2: 0.10, 07/18/12 100% Construction Documents</td>
</tr>
<tr>
<td>Multi Anchor</td>
<td>-</td>
<td>-</td>
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</tr>
</tbody>
</table>

**TABLE 1704.7**

<table>
<thead>
<tr>
<th>Material Type</th>
<th>Min. Embedment</th>
<th>Max. Embedment</th>
<th>Referenced Standard</th>
</tr>
</thead>
<tbody>
<tr>
<td>High-Strength Bolts, Nuts, and Washers</td>
<td>1(\frac{5}{8})&quot;</td>
<td>3(\frac{1}{2})&quot;</td>
<td>Referenced Codes: IBC 2009 Section 1704.8.2.2, ACI 318: 5.6, 5.8, SD1: 0.074, SD2: 0.10, 07/18/12 100% Construction Documents</td>
</tr>
</tbody>
</table>

**EMBEDMENT REQUIREMENTS**

<table>
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<th>Max. Embedment</th>
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</tbody>
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**TABLE 1704.4**

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<th>Referenced Standard</th>
</tr>
</thead>
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<tr>
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<td>Referenced Codes: IBC 2009 Section 1704.8.2.2, ACI 318: 5.6, 5.8, SD1: 0.074, SD2: 0.10, 07/18/12 100% Construction Documents</td>
</tr>
</tbody>
</table>
SECTION 312000 - EARTHWORK FOR STRUCTURE

A. Earthwork for structures shall comply with the following:

1. Interdepartmental standards, including those established by the City of Dubuque, the Department of Natural Resources (DNR), and the Iowa Department of Transportation (IDOT).

2. Comply with applicable specifications and documents:
   a. Environmental Engineering
   b. Municipal Engineering
   c. Transportation Engineering

3. Comply with applicable provisions of the following specifications and documents:
   a. Iowa DOT Section 4132, Special Backfill, Gradation 30.
   b. Iowa DOT Section 4132, Special Backfill, Gradation 33.

4. An geotechnical engineering report has been prepared for the owner. The data exist in the subsurface between the boring locations. The opinions expressed in the reports and the boring logs are those of the geotechnical engineer and represent the geotechnical engineer. The owner will not be responsible for interpretations or exploratory operations as necessary.

5. If any requirements set forth in these notes contradict the geotechnical report, the geotechnical report shall govern.

6. Undermining, washout, and other hazards caused by earthwork operations.

7. Satisfactory soils: ASTM D 2487 soil classification groups GW, GP, GM, GC, SW, and SC, larger than 3 inches in any dimensions, debris, waste, frozen materials, vegetation, and other deleterious matter; liquid limit less than 45; and a maximum plasticity index of 20.

8. Horizontal soil fill materials will bond with existing material. Place and compact fill in excavations promptly.


10. Place backfill and fill soil materials evenly on all sides of structures and uniformly along the full length of each structure.

11. Protect newly graded areas from traffic, freezing, and erosion. Where settling occurs before project correction period elapses, remove finished surfacing, backfill with additional soil materials, compact, and reconstruct surface.

12. Legally dispose of surplus soil materials and waste materials off owner's property.

13. For concrete footings:
   a. Ensure that all footings are constructed in accordance with the specifications and documents.
   b. Place backfill around footings to prevent frost heave and compact.
   c. Ensure that all footings are properly backfilled and compacted.

14. Place backfill around footings to prevent frost heave and compact.

15. Protect newly graded areas from traffic, freezing, and erosion. Where settling occurs before project correction period elapses, remove finished surfacing, backfill with additional soil materials, compact, and reconstruct surface.

16. Properly dispose of surplus soil materials and waste materials off owner's property.

17. For any notes or instructions not explicitly stated on the drawings, refer to the applicable specifications and documents.

18. Preparation, verification, and inspection of soil requirements are indicated on the drawings.

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LIGHTING FIXTURE SCHEDULE

EXPANSION JOINT DETAIL

CANOPY FIXTURE MOUNTING DETAIL