LIGHTING FIXTURE MOUNTING CHANNEL DETAILS 1

1. Welded type grating shall have 1/8" x 1/2" bearing bars at 1/8" centers with 1/4" diameter (or equal) cross bars at 4" centers. If mechanical lock grating is used, it shall be equal in strength to the welded type. Alternate hold-down clips may be submitted for approval.

2. Walkway grating and light fixture mounting channels to be continuous (no splices) over as many walkway brackets as practical and consistent with fabrication, ease of handling and assembly.

3. Contractor may substitute 1/8" x 1/8" x .1084" cont-slot steel channel with pre-punched slots not larger than 1/8" x 3". Slots shall be at bottom of channel and shall be parallel to channel. Slots shall be spaced not closer than 4" center to center.

4. Place an equal amount of washers on each side to align cable with end lug without restricting shackle bolt rotation or contacting cable.

NOTES:

- Elevation:
  - 3/4" STAINLESS STEEL CABLE
  - 1/4" THICK STEFFER PLATE
  - STIFFENER PLATE 5" x 4" x 1/8"
  - C-JOINT SEE NOTE 3

- Plan:
  - 3/4" GALVANIZED ALLOY STEEL FORGED ANCHOR
  - INSTALL THIS CLIP AS CLOSE TO LOOP OR THIMBLE AS POSSIBLE

- Section A-A
  - 1/8" THICK SADDLE ANCHOR
  - 0.060" THICK SADDLE ANCHOR

- Plan:
  - 5/8" DRILL HOLE FOR 1/8" DIA BOLT
  - 1/8" FLAT AND LOCK WASHERS

- Walkway Grating Details
  - INTERIOR SAFETY LUG DETAIL
    - At every walkway bracket between exterior walkway brackets
  - END SAFETY LUG DETAIL
    - At exterior walkway brackets

- End Safety Cable Detail
  - INSTALL THIS CLIP AS CLOSE TO LOOP OR THIMBLE AS POSSIBLE

- TYPICAL CONNECTION

- CONNECTION AT SPLICE

- LIGHTING FIXTURE MOUNTING CHANNEL DETAILS 2

- END SAFETY LUG DETAIL
  - At every walkway bracket between exterior walkway brackets

- INTERIOR SAFETY LUG DETAIL
  - At every walkway bracket between exterior walkway brackets