GEOMETRIC LAYOUT (HORIZONTAL BRACING) - NOT TO SCALE

ELEVATION (HORIZONTAL BRACING) - NOT TO SCALE

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NOTE: MEMBERS USED FOR HORIZONTAL BRACING ARE SHOWN IN BOLD. THE SHADED MEMBERS ARE THE MAIN CHORDS AND ARE FOR REFERENCE ONLY.
REQU'D TOP CHORD STEP CONNECTION (FEMALE)

2" x 3/16"
2-4 15/16"

REQU'D 1" X 2" X 0.065" CHROME MOLY TUBE

2" TYPICAL SECTION 7 TOP CHORD

REQU'D BOLT PLATE

REQU'D T-SLOT CONNECTION

REQU'D 1" X 1 1/2" X 0.065" CHROME MOLY TUBE

REQU'D 1 1/2" X 0.049" CHROME MOLY PIPE

REQU'D 1" X 1 1/2" X 0.065" CHROME MOLY TUBE

26.21"
23.84"
3 6/16"
2-7 11/16"
2-4 15/16"

REQU'D BOTTOM CHORD STEP CONNECTION (MALE)

REQU'D BOTTOM CHORD STEP CONNECTION (FEMALE)

SECTION 7 CHORDS

DATE: 01-01-11

DRAWN BY: UA STEEL BRIDGE TEAM

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SB-10

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NOTE: ALL PINS IN STEP CONNECTION SHOULD FACE AWAY FROM BRIDGE CENTERLINE. THIS WILL ALLOW FOR EASIER TIMED CONSTRUCTION.