

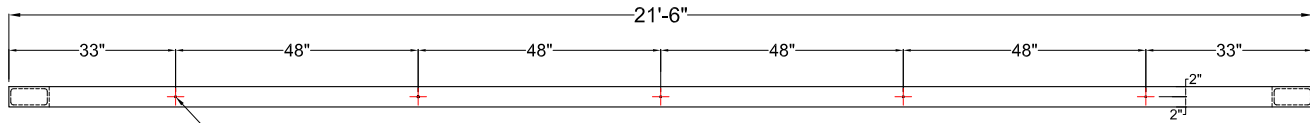
"Typical Side Wall" (x 6 req'd)

Note

- This drawing presents "Typical Side Wall - External Elements" details. See the original drawings to find overall information.
- Actual "Steel Joist Size" (Joist Chord Width, Depth, and Thickness) and the hole and bolt size should be taken by Field Measurements.

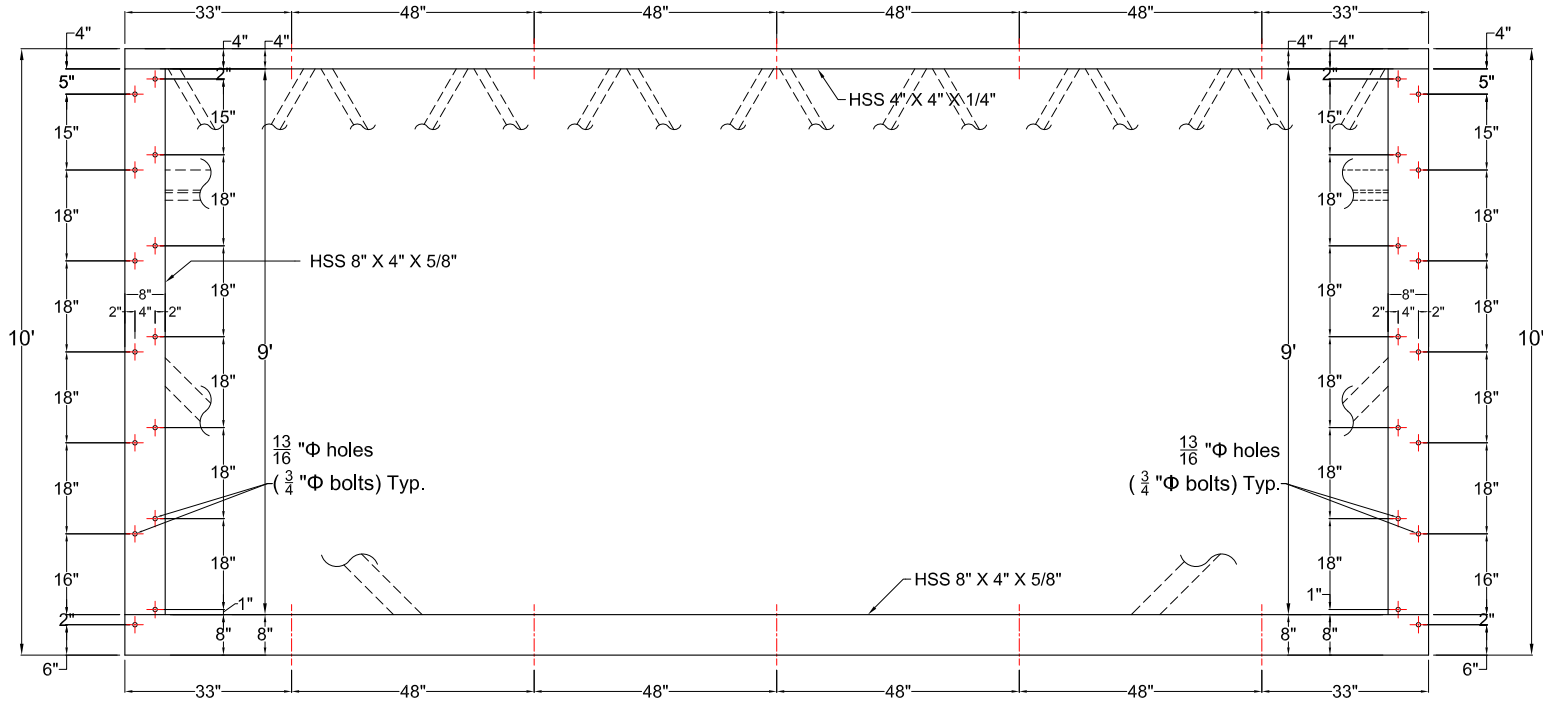
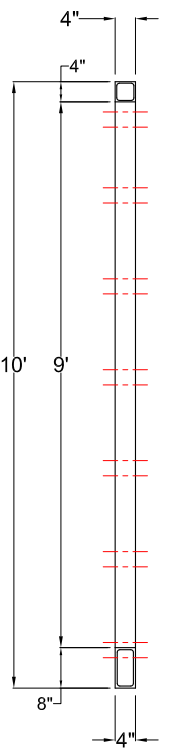
PROJECT: Suspended Components Test Frame	CONTENT:	DWG. NO
BY:	DATE: 11/30/2010	REV. NO.
University at Buffalo		SCALE:

FR-A



$\frac{7}{16}$ " Φ holes Typ. ($\frac{3}{8}$ " Φ bolts)
to attach hori bar,
HSS $2\frac{1}{2}$ " X $1\frac{1}{2}$ " X $3/16$ "

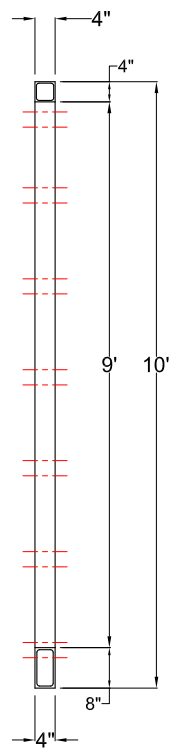
Top View



$\frac{13}{16}$ " Φ holes
($\frac{3}{4}$ " Φ bolts) Typ.

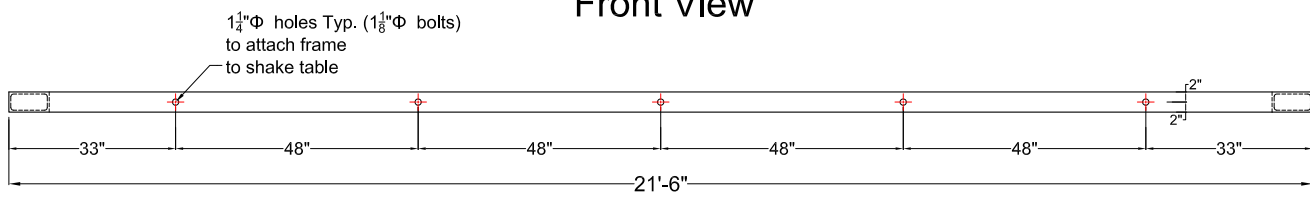
$\frac{13}{16}$ " Φ holes
($\frac{3}{4}$ " Φ bolts) Typ.

Front View



End View

End View



$1\frac{1}{4}$ " Φ holes Typ. ($1\frac{1}{8}$ " Φ bolts)
to attach frame
to shake table

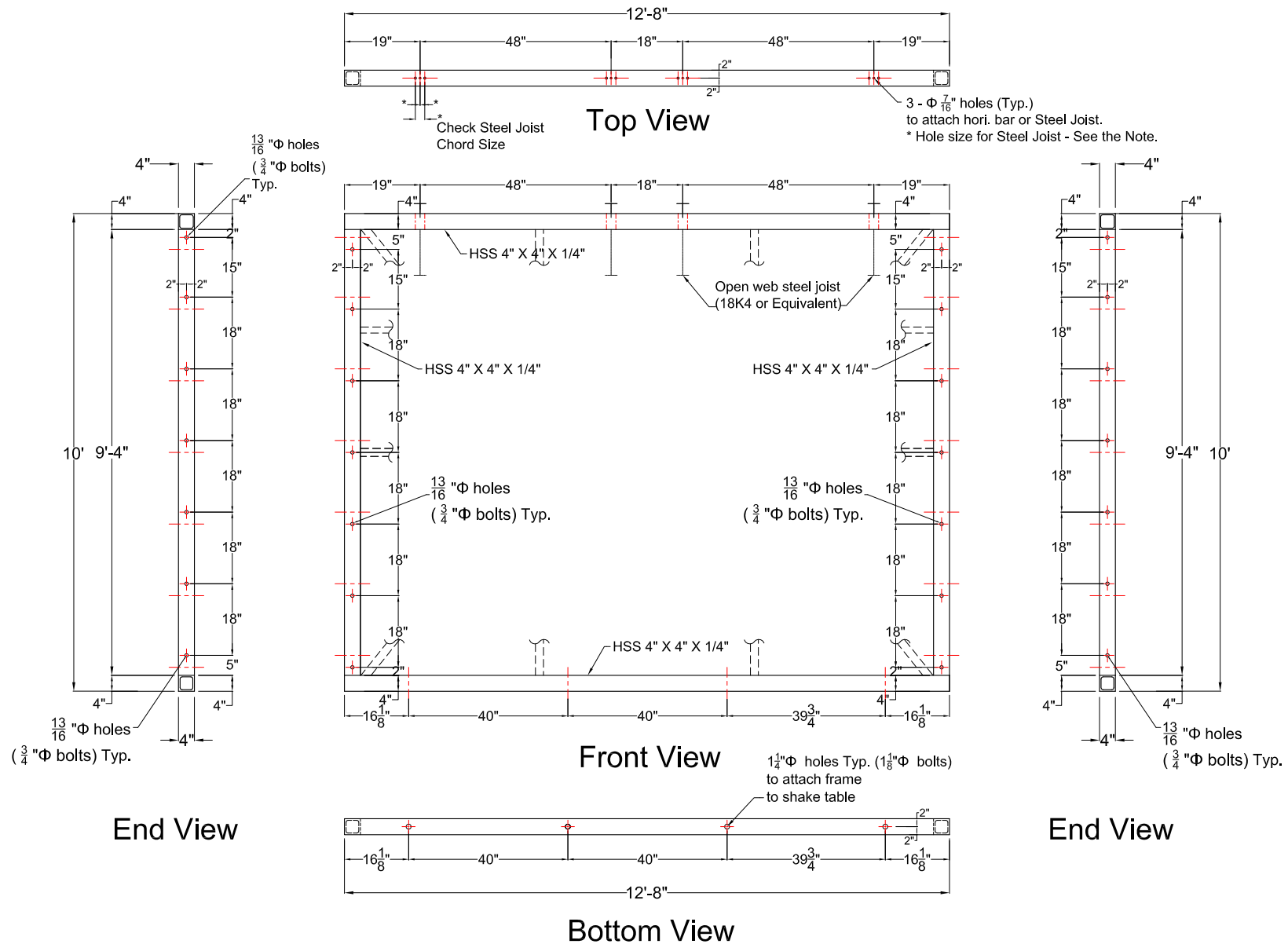
Bottom View

"Open Side Wall" (x 2 req'd)

Note

1. This drawing presents "Open Side Wall - External Elements" details.
See the original drawings to find overall information.

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		SCALE:



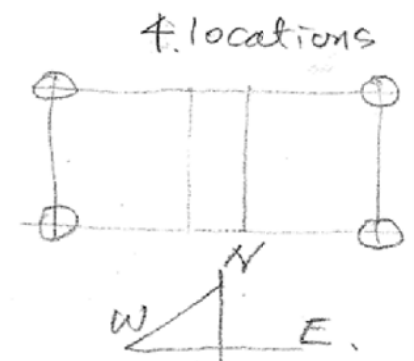
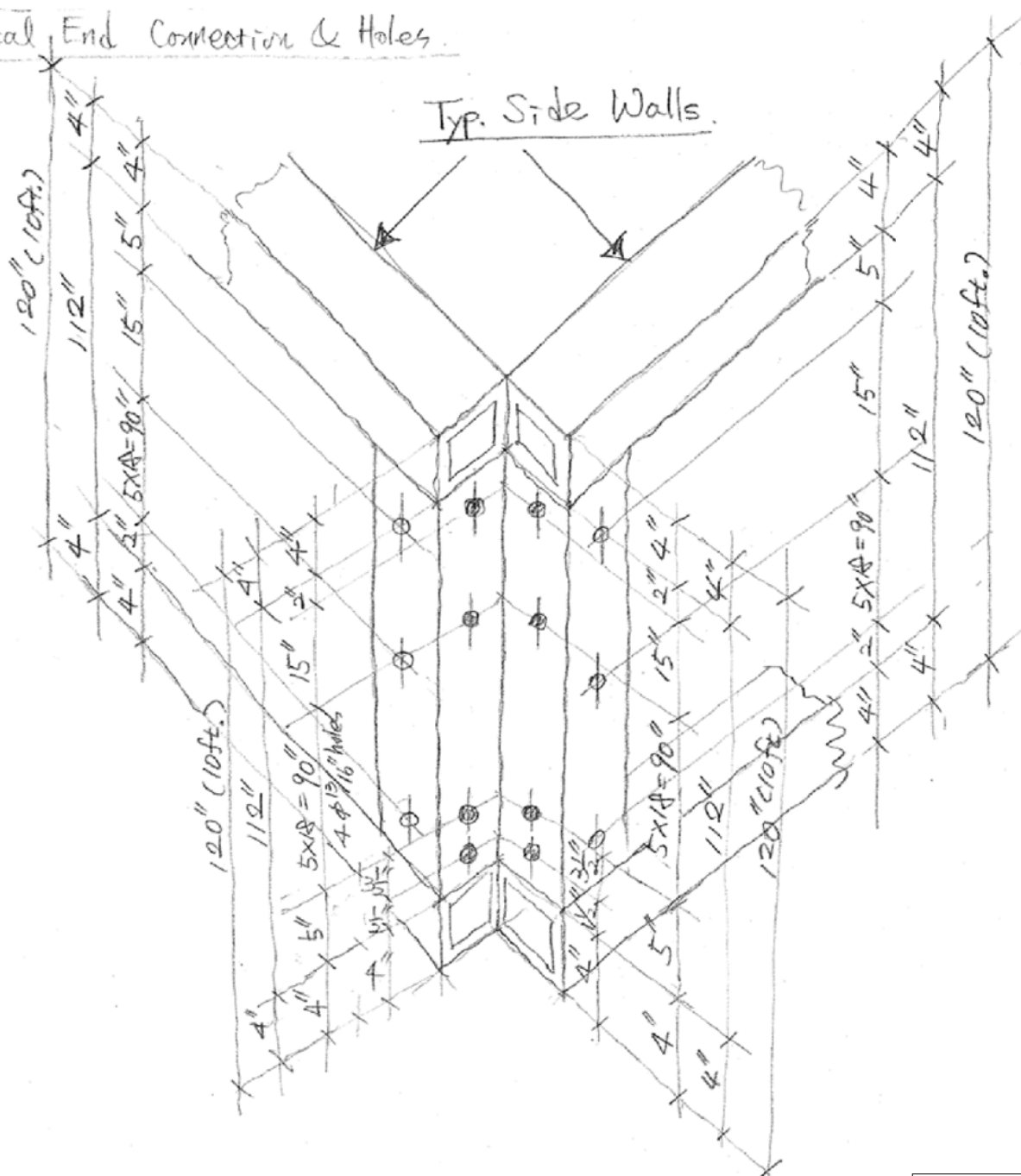
"Link Side Wall" (x 2 req'd)

Note

1. This drawing presents "Link Side Wall - External Elements" details. See the original drawings to find overall information.
2. Actual "Steel Joist Size" (Joist Chord Width, Depth, and Thickness) and the hole and bolt size should be taken by Field Measurements.

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		SCALE:

Typical End Connection & Holes.



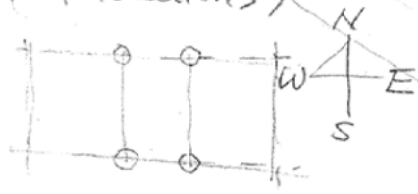
Typical Edge Connection & Hole Pattern (4 locations)

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BY:	DATE: 11/30/2010	REV. NO.
University at Buffalo		SCALE:

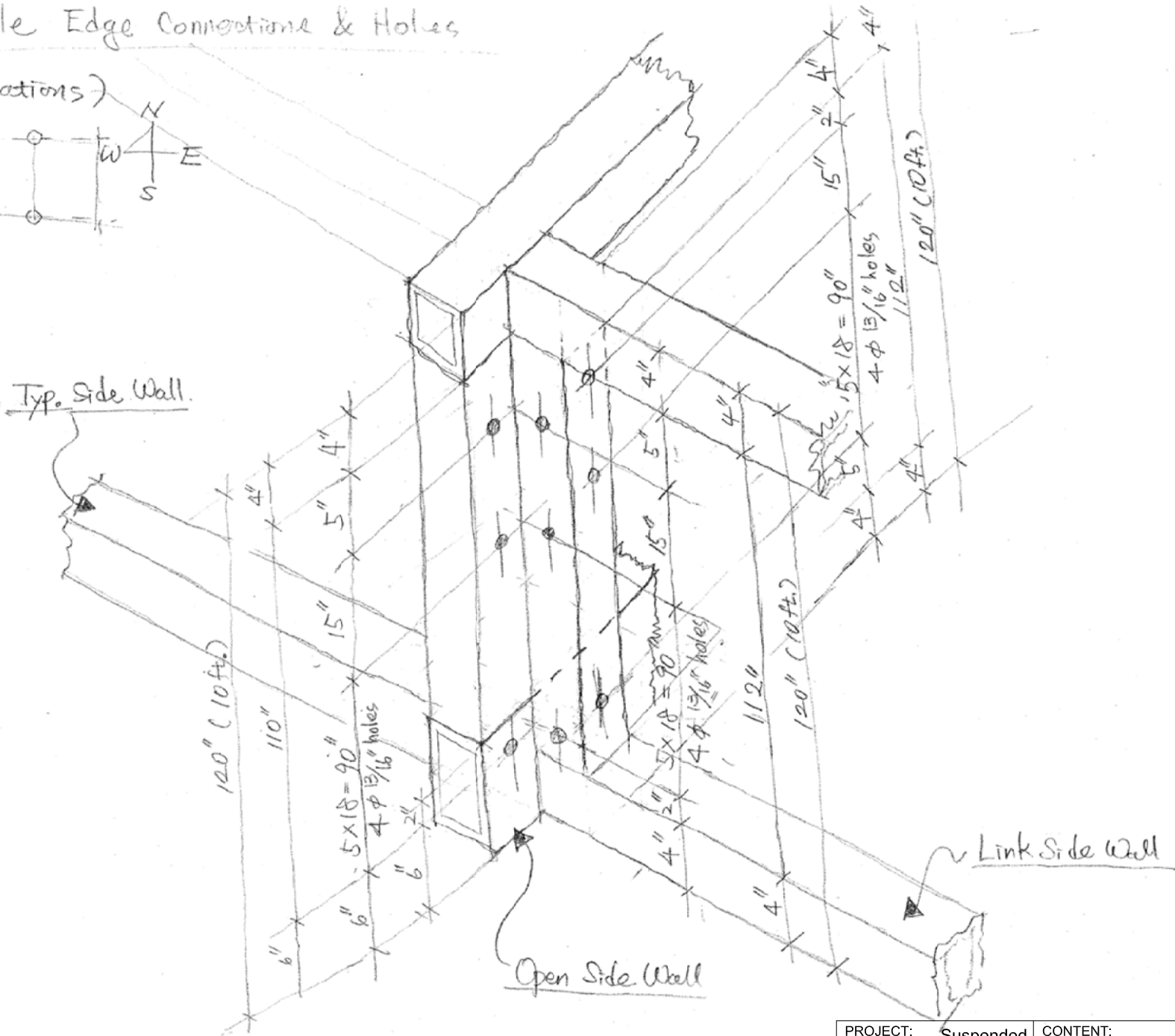
FR-D

Middle Edge Connections & Holes

(4 locations)



Typ. Side Wall



Middle Edge Connection & Hole Pattern (4 locations)

PROJECT: Suspended Components Test Frame	CONTENT:		DWG. NO
BY:	DATE: 11/30/2010	REV. NO.	FR-E
University at Buffalo			SCALE:

Clarifications for Test Frame for Suspended Components (12/03/2010)

The clarifications regarding bolt holes in the frame elements provided in this document supersede the details provided in the original drawings. The clarifications are provided in 5 drawings showing holes in the "Side Walls". The first three drawings, FR-A, FR-B, and FR-C, show "Typical", "Open", and "Link" side wall details, respectively. Each drawing presents the Front (view from outside the frame), End, Top and Bottom views of "Side Walls". The drawings, FR-D and FR-E, show schematic Edge Connections at the 4 corners and the 4 middle locations of the frame.

Notes:

1. The external columns of "Side Walls" have different hole locations on the Front surface and the End surface.
 2. The hole locations and sizes remain the same as the original drawings except the following modifications;
 - The top holes ($1\frac{3}{16}$ ") originally located at 2" in the external columns on the front surface were relocated at 5" from the top of the column.
 - The holes locations in the end surface remain the same.
 - On the top bar of "Typical" and "Link" side walls, three holes at each designated location are required, instead of alternating one and two holes. The middle hole among the three is necessary for the installation of Horizontal Bars (HSS $2\frac{1}{2}$ " \times $1\frac{1}{2}$ " \times $\frac{3}{16}$ ") at specified locations. The other two holes are necessary to attach Steel Joists (18K4). The precise size and location of the holes should be verified in field after measuring the prefabricated Steel Joist chord size.
 3. Please find overall information of the test frame from the original drawings.
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