



New York Institute of Technology
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Solar Decathlon 2007

CONSTRUCTION DOCUMENTS

TS3" x 3" x 1/4" STEEL TUBES
(TYPICAL)

TS4" x 4" x 1/4" STEEL TUBES
(TYPICAL)

2
S 2.5

FULL PENETRATION WELD AT
ALL RIDGE BEAM CONNECTIONS
(TYPICAL)

L2" x 2" x 1/2" STEEL ANGLES
TEMPORARILY INSTALLED
FOR SHIPPING.
(TYPICAL)

TS4" x 6" x 1/4" INTERMEDIATE
STEEL TUBE RIDGE BEAMS.
(TYPICAL)

TS4" x 6" x 1/4" STEEL TUBES
(TYPICAL)

COORDINATE LOCATIONS AND SIZE OF
HOLES FOR STRUCTURAL RIGGING
POINTS WITH RIGGER.
(TYPICAL FOR ALL FRAMES)

1/16"
TYPICAL

TS4" x 4" x 1/4" STEEL TUBES
CONTINUOUS
(TYPICAL)

3" THIN WALL STEEL PIPE
STRUTS WELDED TO CENTER OF
8" x 4" x 1/4" STEEL PLATE. STRUTS
TO BE TEMPORARILY INSTALLED
FOR SHIPPING TO WASHINGTON D.C.
(TYPICAL)

4"x4" STEEL PLATE w/ 1-1/2"
DIAMETER HOLE. PROVIDE
1/4" FILLET WELD TO ALL
CONTACT SURFACES WITH
STEEL TUBE.
(TYPICAL)

PROVIDE (2) 5/8" DIAMETER
HOLES FOR BOLTING
TO STEEL TUBE.
(TYPICAL)



ROOF FRAME AXONOMETRIC
SCALE 1/4" = 1'-0"

ROOF FRAME AXONOMETRIC

TITLE:

Scale: 1/4" = 1' - 0"

Date: August 7th, 2007

Checked By: MM

REVISIONS

No.	Date:	Description:
1	06.13.06	Design Development Drawings
2	03.06.07	Construction Drawings Rev. 1
3	08.07.07	Construction Drawings Rev. 2

Drawn By: MAF

DRAWING:

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