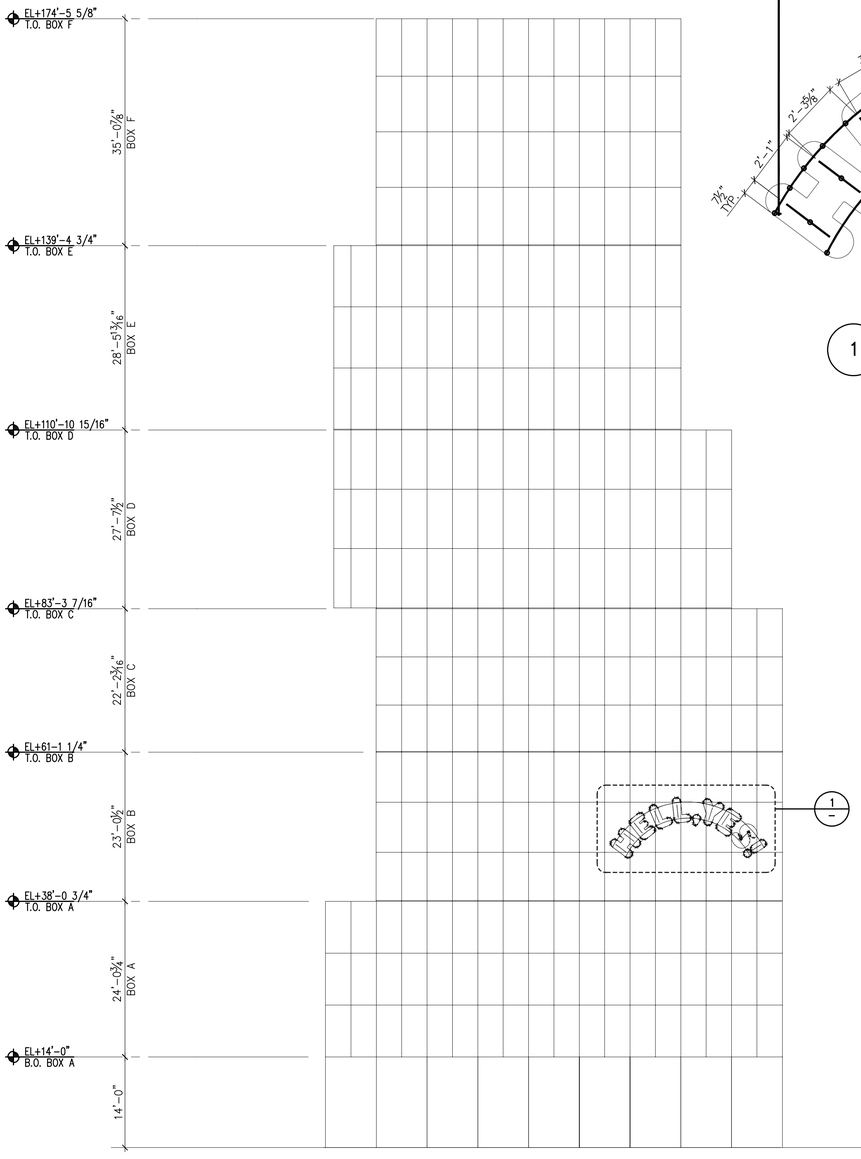
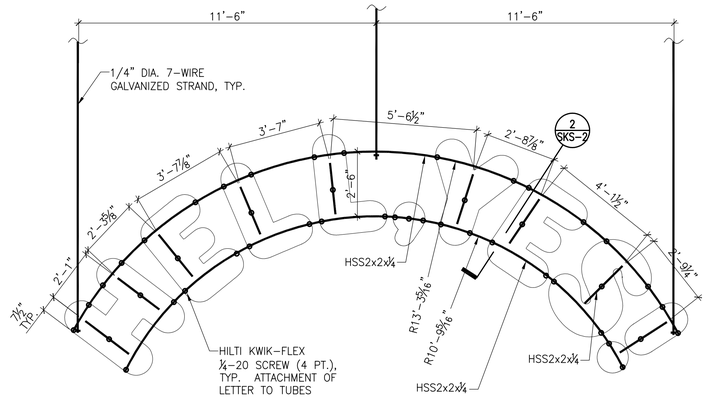


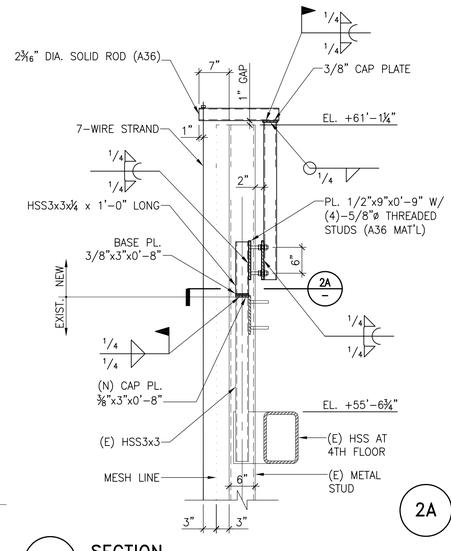
BUILDING ELEVATION

3/32"=1'-0"



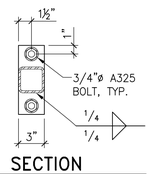
1 SIGN ELEVATION

3/8"=1'-0"



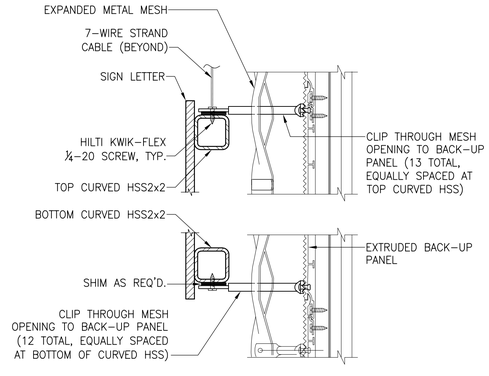
2 SECTION

3/4"=1'-0"



2A SECTION

1½"=1'-0"



3 SECTION

3"=1'-0"

NOTE:
CLIPS TO BE DESIGNED AS A PERFORMANCE SPEC FOR A MINIMUM AXIAL FORCE OF 100 LBS.

GENERAL STRUCTURAL NOTES
PART 1 – GENERAL REQUIREMENTS AND DESIGN CRITERIA

1.1 BUILDING CODE

A. New York City Building Code (NYCBC), 2007.

1.2 DESIGN LOADS

A. Dead Loads All permanent stationary construction.

B. Wind Load Parameters
1. Design Wind Pressure: 30 psf

PART 2 – STRUCTURAL STEEL

2.1 STRUCTURAL SHAPES

A. Wide Flange Shapes ASTM A992
B. Hollow Structural Sections ASTM A500, Gr. B
C. Angles ASTM A36, U.O.N.
D. Channels ASTM A36, U.O.N.
E. Plate: ASTM A36, U.O.N.

2.2 STRUCTURAL PIPE

A. ASTM A53, Type E, Grade B or ASTM A501

2.3 BOLTED CONNECTIONS

A. ASTM A325 and A490.

2.4 WELDING ELECTRODES

A. Conform to AWS Specifications for electrodes based on welding process and the type and grade of steel. E70XX electrodes (MIN.) for fillet welds.

2.5 FABRICATION

A. Shop fabricate to greatest extent possible by welding including beam stiffeners, column caps and bases, holes and connections.
B. Submit complete shop drawings from field dimensions for the Architect's approval of all structural steel prior to fabrication.

2.6 PAINT

A. Shop prime all steel.
B. See Architectural Drawings and Specifications for finish coat requirements.

2.7 STANDARD SPECIFICATIONS

A. AISC 1993 Load and Resistance Factor Design and Specification for Structural Steel Buildings
B. AISC Code of Standard Practice for Steel Buildings and Bridges
C. AWS D1.1 Structural Welding Code – Steel

PART 3 – CONTROLLED INSPECTIONS

3.1 Structural Controlled Inspections per NYCBC:

Controlled Inspections	NYCBC Reference
Welding	27-616
High Strength Bolts	Table 10-2

SIMPSON GUMPERTZ & HEGER
Engineering of Structures and Building Enclosures
Telephone: 781-907-9000
Facsimile: 781-907-9009
Simpson, Gumpertz & Heger, Inc.
41 Seyon Street, Building 1, Suite 500
Waltham, MA 02453
Boston
Los Angeles
New York
San Francisco
Washington, DC
www.sgh.com

Consultant

Progress 7-23-07

No.	Date	Description	By

New Museum
of Contemporary Art

New York, NY

Project

SIGN SUPPORT
ELEVATIONS
AND SECTIONS

Drawing Title

Project No. 070132.00	Checked KPC	Date 7-23-07
Drawn SWW	Approved	Scale AS NOTED

Seal

Drawing No.

S-1