



STATE OF NEW YORK  
OFFICE OF GENERAL SERVICES  
DESIGN AND CONSTRUCTION GROUP  
THE GOVERNOR NELSON A. ROCKEFELLER  
EMPIRE STATE PLAZA  
ALBANY, NY 12242



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**ADDENDUM NO. 1 TO PROJECT NO. 44597**

**CONSTRUCTION WORK AND ELECTRIC WORK  
PROVIDE RIG ENCLOSURES  
CORNING TOWER  
EMPIRE STATE PLAZA  
ALBANY, NY 12242**

March 14, 2013

**NOTE:** This Addendum forms a part of the Contract Documents. Insert it in the Project Manual. Acknowledge receipt of this Addendum in the space provided on the Bid Form.

1. SECTION 078100 APPLIED FIREPROOFING: Add the attached Section (pages 078100 – 1 thru and including 078100 – 5) to the Project Manual.
2. Revised Drawings:
  - a. Drawing Nos. A-101, A-301, A-501, S-100, S-101, S-103, S-500 and E-102 noted “REVISED DRAWING 03/06/2013” accompany this Addendum and supersede the same numbered originally issued drawings.

**END OF ADDENDUM**

James F. Dirolf, P.E.  
Director of Design

## SECTION 078100

### APPLIED FIREPROOFING

#### PART 1 GENERAL

##### 1.01 RELATED WORK SPECIFIED ELSEWHERE

- A. Statement of Special Inspections: BDC 406.

##### 1.02 DEFINITIONS

- A. Fireproofing Manufacturer: Manufacturer of primary fire resistive materials.
- B. Fire Resistance Rating: Time rating (in hours) in accordance with Underwriters Laboratories Fire Resistance Directory listings.

##### 1.03 PERFORMANCE REQUIREMENTS

- A. Fire Resistance Rating: Fireproofing shall meet the indicated hourly rating when applied to the construction assembly shown on the Drawings.
- B. Fire Hazard Classification: Fireproofing shall be listed in the Underwriters Laboratories Building Materials Directory with the following performance properties:
  - 1. Flame Spread: 10 or less.
  - 2. Smoke Developed: 5 or less.

##### 1.04 SUBMITTALS

- A. Product Data: Manufacturer's product descriptions for each required material.
  - 1. Fireproofing: Include fireproofing manufacturer's application instructions, including primer/adhesive requirements and recommended minimum thickness and density for each required hourly rating.
    - a. Sealer/Topcoat: Apply over 2/3 of each fireproofing sample.
  - 2. Reinforcement: Square foot.
- C. Quality Control Submittals:
  - 1. Certificates:
    - a. UL fire resistance rating certificate.
    - b. UL fire hazard classification certificate.
    - c. Fireproofing manufacturer's certification (or confirming independent test reports) that fireproofing meets the performance requirements and physical properties.
  - 2. Applicators Qualifications Data: Information confirming that the firm, supervisor, and workers have the specified qualifications.

##### 1.05 QUALITY ASSURANCE

- A. Applicators Qualifications:

1. Firm: Approved by fireproofing manufacturer.
  2. Supervisor: Not less than 5 years of experience in the application of sprayed fire resistive material.
  3. Workers: Not less than one year of experience in the application of sprayed fire resistive material.
- B. Fireproofing: Fire resistive materials free of all forms of asbestos, formulated for sprayed-on application, factory packaged, and complying with specified performance requirements and physical properties.
1. Source Limitations: Obtain fireproofing materials through one source from a single manufacturer.
- C. Equipment: Use mixing and application equipment recommended by the fireproofing manufacturer.
- D. Fireproofing Certifications:
1. UL fire resistance rating certificate.
  2. UL fire hazard classification certificate.
  3. Affidavit by fireproofing manufacturer (or confirming independent test reports) certifying that fireproofing meets the performance requirements and physical properties.

## **1.06 DELIVERY, STORAGE, AND HANDLING**

- A. Deliver fireproofing materials in factory packaged and sealed containers, clearly labeled, bearing manufacturer's name, product name, product type, batch number, date, and UL labels for classifications.
- B. Store materials in an enclosed area protected from the elements, and maintain within the manufacturer's recommended temperature limits.
- C. Handle materials in accordance with manufacturer's printed instructions.

## **1.07 PROJECT CONDITIONS**

- A. Compatibility Coordination: Coordinate shop paint for structural steel, steel joists, and steel decks with the fireproofing system to ensure that they are compatible.

## **PART 2 PRODUCTS**

### **2.01 TYPE 1 FIREPROOFING**

- A. Use: Interior & Indirect Exterior.
- B. Physical Properties:
  1. Dry Field Density (ASTM E 605): 22 lb/cu ft minimum average.
  2. Cohesion/Adhesion (Bond Strength) (ASTM E 736): Minimum average 434 lb/sq ft.
  3. Compressive Strength (ASTM E 761): Minimum 7,344 lb/sq ft.

4. Impact (Bond Impact) Resistance (ASTM E 760): Shall not crack or delaminate.
5. Effect of Deflection (ASTM E 759): Shall not crack or delaminate.
6. Corrosion Resistance (ASTM E 937): No evidence of corrosion.
7. Air Erosion (ASTM E 859): Maximum 0.025 g/sq ft weight loss.

## **2.02 TYPE 2 FIREPROOFING**

- A. Use: Interior and exterior.
- B. Physical Properties:
  1. Dry Field Density (ASTM E 605): 40 lb/cu ft minimum average.
  2. Compressive Strength (ASTM E 761): Minimum 500 psi.
  3. Hardness (Shore D): Minimum 40.
  4. Impact (Bond Impact) Resistance (ASTM E 760): Minimum 20 ft-lb.

## **2.05 ACCESSORIES**

- A. Primer/Adhesive: Primer or adhesive recommended by the fireproofing manufacturer to obtain required bond strength for the specific fireproofing and substrate.
- B. Sealer/Topcoat: Surface sealer and/or protective topcoat, as specified; materials as recommended by the fireproofing manufacturer for the intended use and conditions unless otherwise indicated.
  1. Color (Code) of Exposed Material: Blue.
- C. Water: Potable, cool, fresh, and free from such amounts of organic and mineral substances which would be harmful to the fireproofing.
- D. Reinforcement: Lathing recommended by the fireproofing manufacturer for the specific fireproofing use/application and substrate, unless otherwise shown or specified.
  1. Lath: 3.4 lb per sq yd expanded metal lath with finish recommended by fireproofing manufacturer.
  2. Auxiliary Reinforcing Members, Clips, and Other Anchorage Devices: As recommended by the fireproofing manufacturer for the specific fireproofing use/application and substrate.
- E. Furring and Corner Beads: Accessories recommended by the fireproofing manufacturer for the specific fireproofing use/application and substrate.
- F. Sealant: Sealant recommended by the fireproofing manufacturer for the specific fireproofing use/application and substrate.

## **PART 3 EXECUTION**

### **3.01 EXAMINATION**

- A. Verification of Conditions: Examine the substrate and conditions under which fireproofing is to be applied. Do not proceed with the fireproofing Work until unsatisfactory conditions have been corrected.
  - 1. Verify that hangers, clips, sleeves, and other items that will penetrate the fireproofing are in place.
  - 2. Check paint on substrate for compatibility with primer/fireproofing and adequacy of bond strength in accordance with fireproofing manufacturer's instructions.
  - 3. For fireproofing on underside of roof deck assembly, verify that deck roofing Work is completed.

### **3.02 PREPARATION**

- A. Protection:
  - 1. Protect surfaces that are not to receive fireproofing with suitable covers.
  - 2. Cover openings in the work areas with suitable temporary closures.
- B. Surface Preparation:
  - 1. Remove dirt, dust, oil, grease, loose paint and rust, mill scale, and other foreign matter that may impair the bonding of the fireproofing to the substrate. Clean substrate free of contamination from chemicals and solvents.
  - 2. Apply primer/adhesive where necessary to obtain bond strength of fireproofing to steel shop paint and where recommended by the fireproofing manufacturer. Follow manufacturer's instructions.
  - 3. Install reinforcement and other metal items where shown on the Drawings, where recommended by the fireproofing manufacturer, and when required by the fire rated design. Install reinforcement and accessories in accordance with fireproofing manufacturer's instructions, unless otherwise indicated.

### **3.03 APPLICATION**

- A. Apply the fireproofing in accordance with UL fire test report and the manufacturer's application instructions.
  - 1. Application Method: Apply the fireproofing material by spraying, except use trowel application where spraying is impractical.
- B. Thickness and density of fireproofing shall be in accordance with the approved product data and as required to produce the hourly fire resistance rating shown on the Drawings.
- C. Apply the fireproofing in a monolithic covering of uniform density and texture, free of seams, staging breaks, holes, voids, and other defects that might impair the fire resistance. Install the fireproofing to the full required thickness over entire area of each surface to be covered.
  - 1. Stop-off application operation at natural stopping points, such as inside corners, wherever possible.

- 2. Edge of fireproofing adjoining other materials shall be sharp and clean, without overlapping.
- D. Finish of Fireproofing: Unless otherwise indicated, finish shall be a uniform surface texture as applied, without noticeable icicles or sagging.
- F. Sealer and Topcoat: Apply sealer and topcoat on surfaces of fireproofing in accordance with the fireproofing manufacturer's application instructions.

### **3.04 FIELD QUALITY CONTROL**

- A. Testing Agency: The State will engage a qualified testing agency to perform special inspections, tests, and prepare reports. The testing agency will interpret the tests and indicate in each report whether the tested work complies with or deviates from project requirements. The testing agency will perform tests in accordance with the New York State Uniform Fire Prevention and Building Code (BCNYS).
- B. Special Inspections and Testing Agency: The State will engage a qualified special inspections and testing agency to perform special inspections, tests, and prepare reports. The special inspections and testing agency will interpret the tests and indicate in each report whether the tested work complies with or deviates from project requirements. The special inspections and testing agency will perform tests in accordance with the New York State Uniform Fire Prevention and Building Code (BCNYS).

### **3.05 ADJUSTING**

- A. Correct fireproofing in damaged areas, and areas with less than the required thickness or standard of quality.

### **3.06 CLEANING**

- A. After completion of the fireproofing in each containable area of the project, remove protective covers and temporary closures, and clean surfaces that have been soiled performing the Work.

**END OF SECTION**

CONSULTANT

**Hyman Hayes**  
ASSOCIATES  
6 WEMBLEY COURT, ALBANY, NEW YORK 12205

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CONTRACT: **CONSTRUCTION**

TITLE: **PROVIDE RIG ENCLOSURES CORNING TOWER**

LOCATION: **EMPIRE STATE PLAZA  
ALBANY, NY 12242**

CLIENT: **THE OFFICE OF  
GENERAL SERVICES**

REVISED DRAWING 03/06/2013

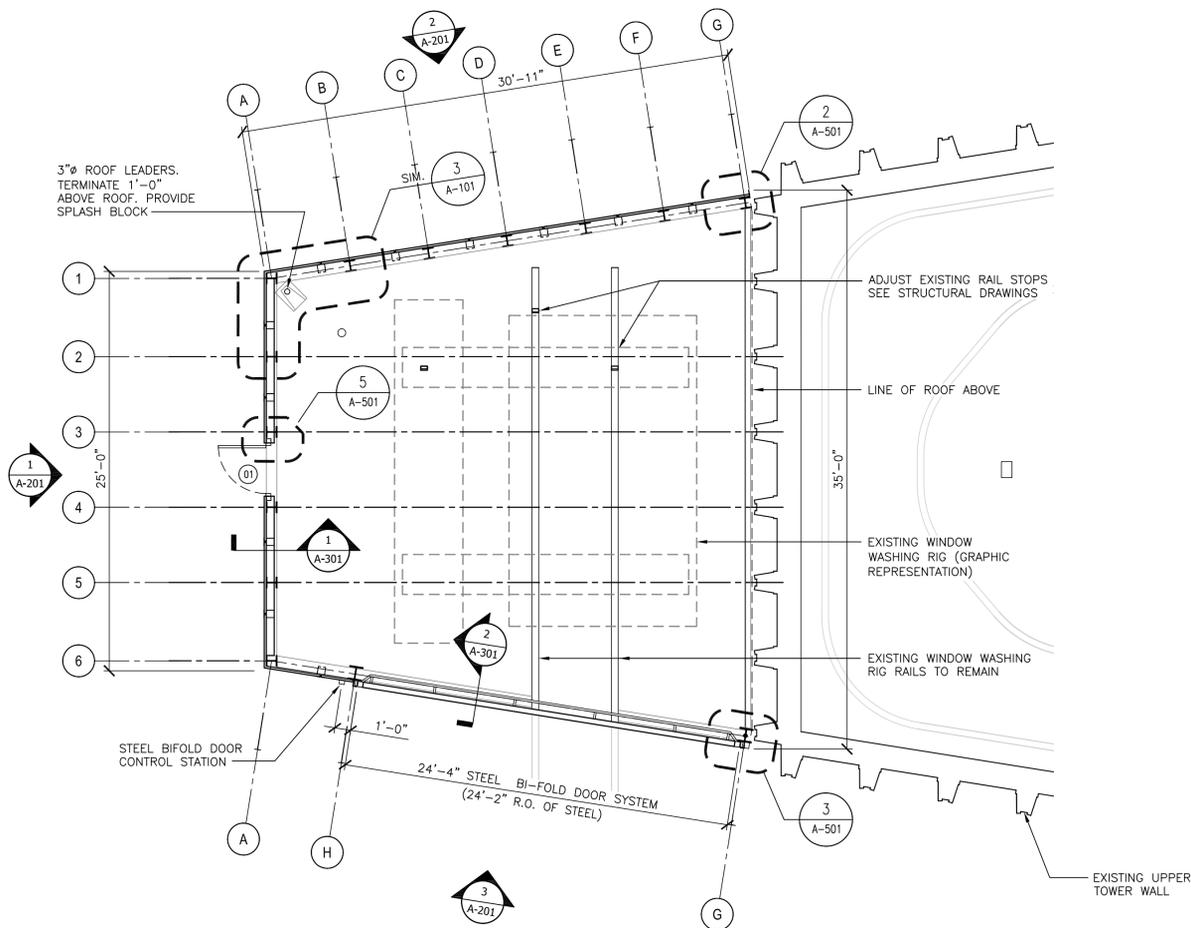
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	02/20/2013	BID SUBMISSION
MARK	DATE	DESCRIPTION

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DESIGNED BY:	MD
DRAWN BY:	JC / MM
FIELD CHECK:	
APPROVED:	MKH
SHEET TITLE:	

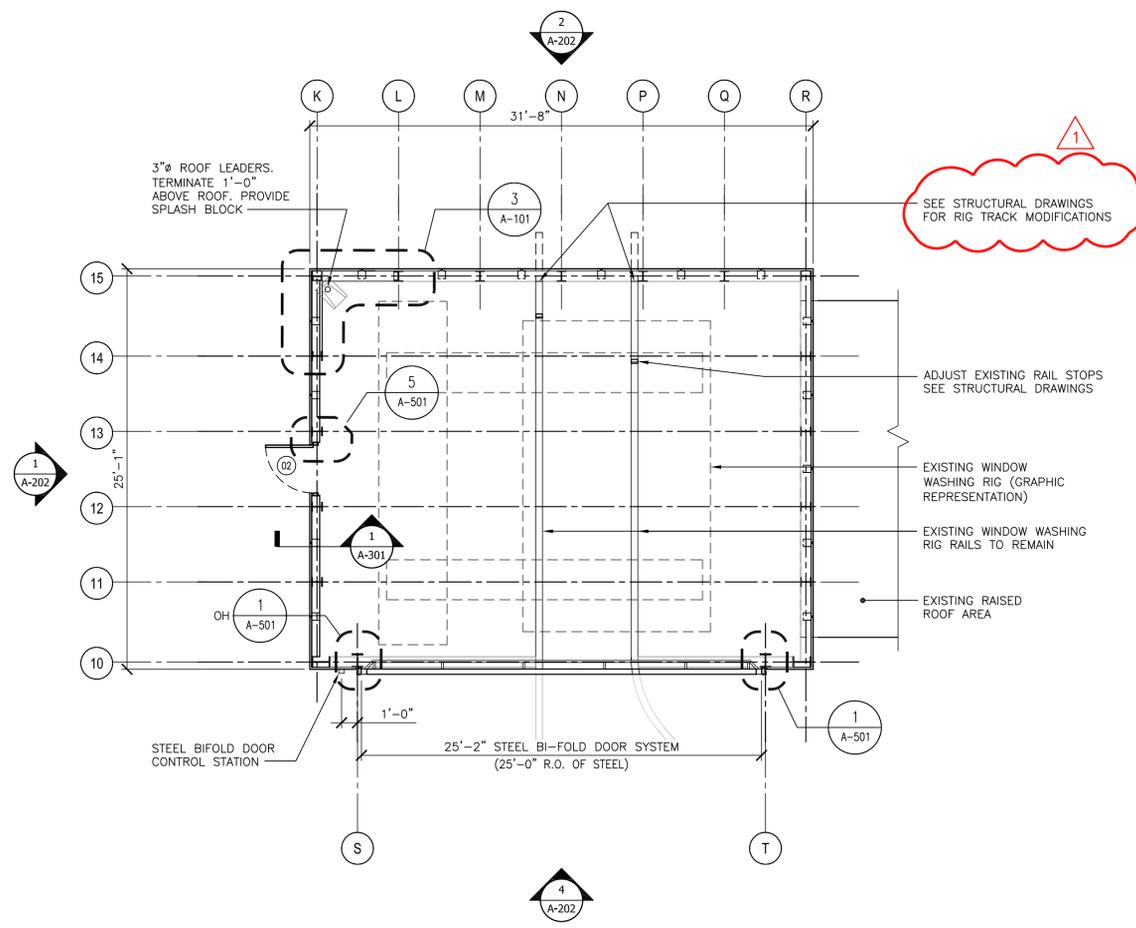
FLOOR PLANS  
AND PLAN DETAILS

DRAWING NUMBER:  
**A-101**

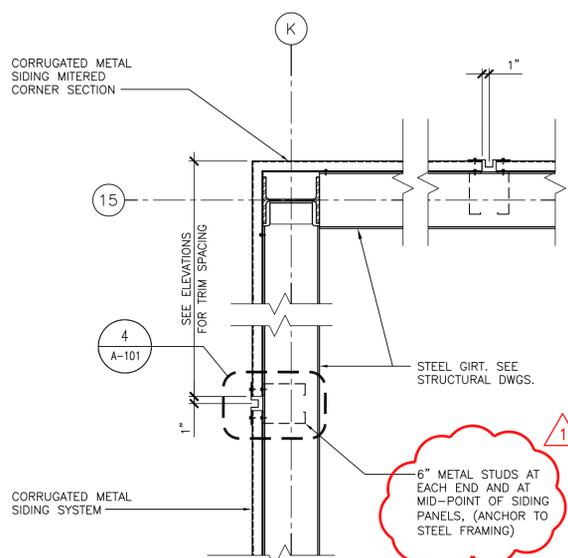
SHEET 9 OF 14



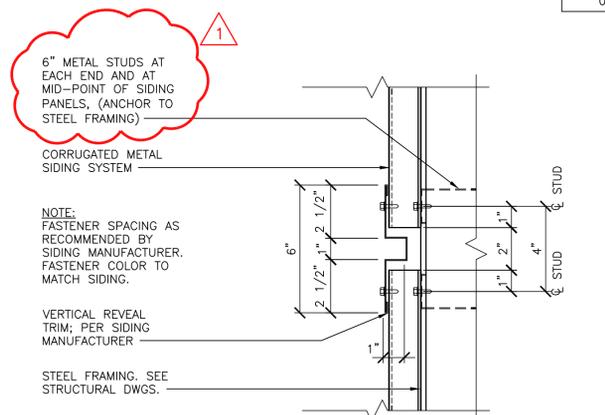
(W.W. RIG ENCLOSURE)  
**1 PARTIAL PLAN - LOWER LEVEL**  
A-101 SCALE: 3/16 = 1'-0"



(W.W. RIG ENCLOSURE)  
**2 PARTIAL PLAN - UPPER LEVEL**  
A-101 SCALE: 3/16 = 1'-0"



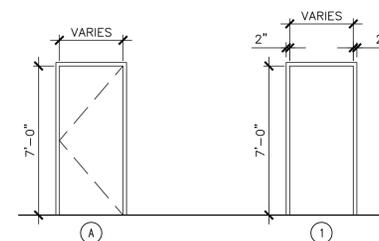
**3 PLAN DETAIL AT CORNER OF W.W. RIG ENCLOSURE**  
A-101 SCALE: 1" = 1'-0"



**4 TYPICAL VERTICAL REVEAL PLAN DETAIL**  
A-101 SCALE: 3" = 1'-0"

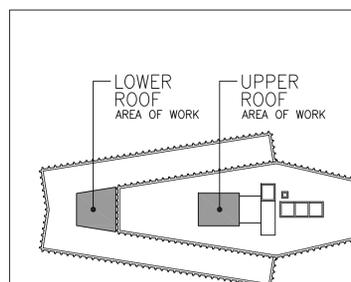
DOOR NO.	DOOR				FRAME				HARDWARE SET	LABEL	NOTES			
	SIZE	TYPE	MATERIAL	FINISH	GLASS	TYPE	MATERIAL	FINISH						
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01	3'-0" x 7'-0"	1 3/4"	A	HM	PT	-	1	HM	PT	4/A501	3/A501	-	1	

**5 DOOR SCHEDULE**  
A-101 SCALE: NTS



**6 DOOR & FRAME TYPES**  
A-101 SCALE: 1/4" = 1'-0"

**NOTE:**  
ALL MATERIAL DELIVERY BY THE CONTRACTOR TO THE WORK AREAS SHALL BE VIA THE FREIGHT ELEVATOR. FREIGHT ELEVATOR ONLY REACHES THE 43RD FLOOR MECHANICAL LEVEL. SEE ACCESS PLANS AND DETAILS ON SHEET G-001 AND SUMMARY OF THE WORK SECTION 011000 FOR MORE INFORMATION.



**KEY PLAN**  
SCALE: N.T.S. CALLED NORTH

CONSULTANT

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CONTRACT:

**CONSTRUCTION**

TITLE: PROVIDE RIG ENCLOSURES CORNING TOWER

LOCATION: EMPIRE STATE PLAZA ALBANY, NY 12242

CLIENT: THE OFFICE OF GENERAL SERVICES

REVISED DRAWING 03/06/2013

MARK	DATE	DESCRIPTION
▲	03/06/2013	ADDENDUM 1
	02/20/2013	BID SUBMISSION

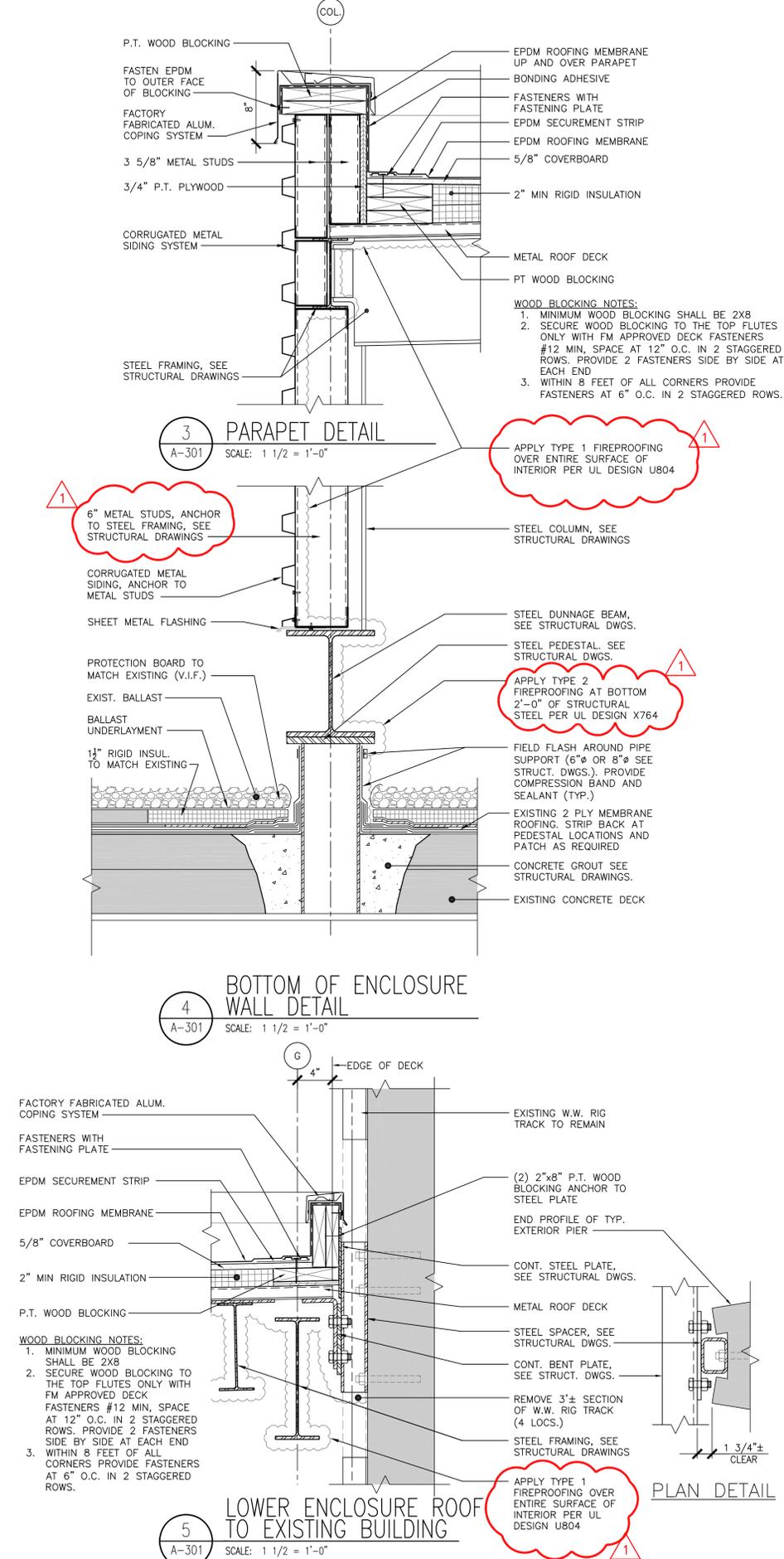
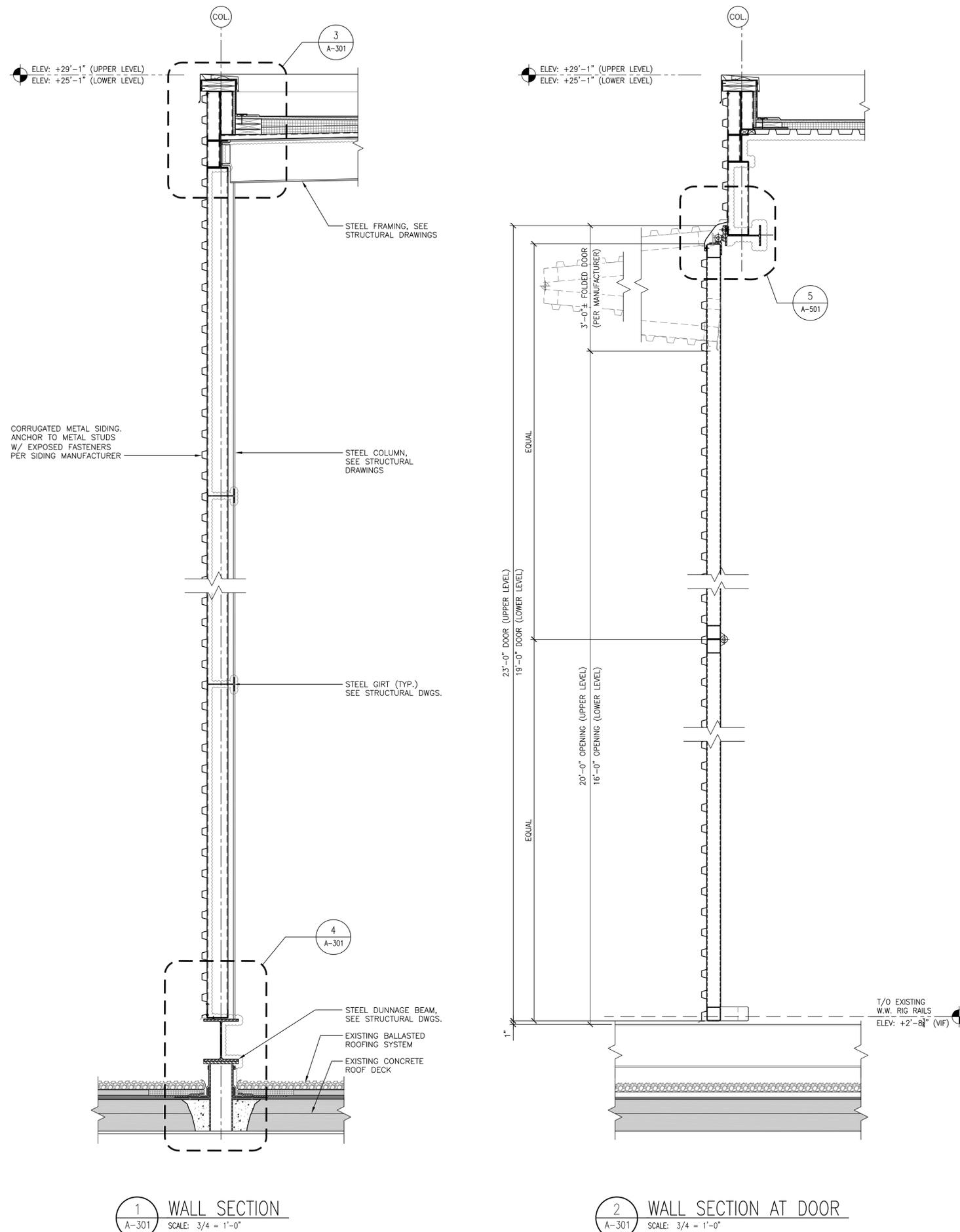
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DESIGNED BY:	MD
DRAWN BY:	JC / MM
FIELD CHECK:	
APPROVED:	MKH
SHEET TITLE:	

WALL SECTION AND DETAILS

DRAWING NUMBER:

A-301

SHEET 13 OF 14



Mar 13, 2013 - 3:39pm  
 Z:\Active Projects\Lewis Engineering\12040 - Corning Tower Rig Enclosure\Drawings - CAD & BIM\44597 A-301.dwg  
 36x24 PLOT SHEET

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**CONTRACT:**

**CONSTRUCTION**

**TITLE:** PROVIDE RIG ENCLOSURES CORNING TOWER

**LOCATION:** EMPIRE STATE PLAZA  
ALBANY, NY 12242

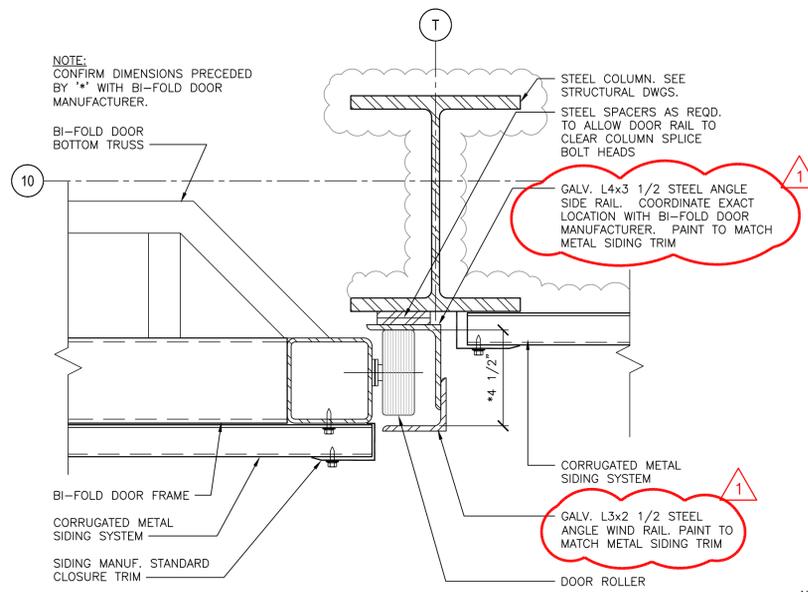
**CLIENT:** THE OFFICE OF  
GENERAL SERVICES

REVISED DRAWING 03/06/2013

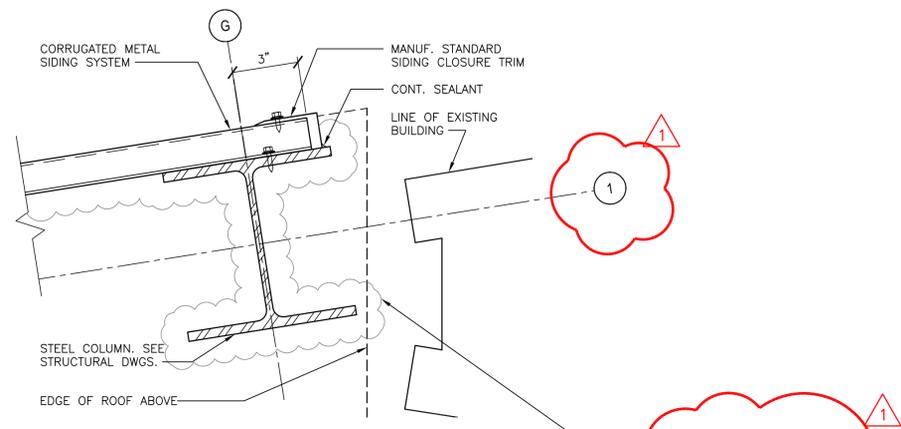
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	02/20/2013	BID SUBMISSION
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<b>DESIGNED BY:</b>	MD	
<b>DRAWN BY:</b>	RT / JC	
<b>FIELD CHECK:</b>		
<b>APPROVED:</b>	MKH	

**DETAILS**

**DRAWING NUMBER:**  
A-501



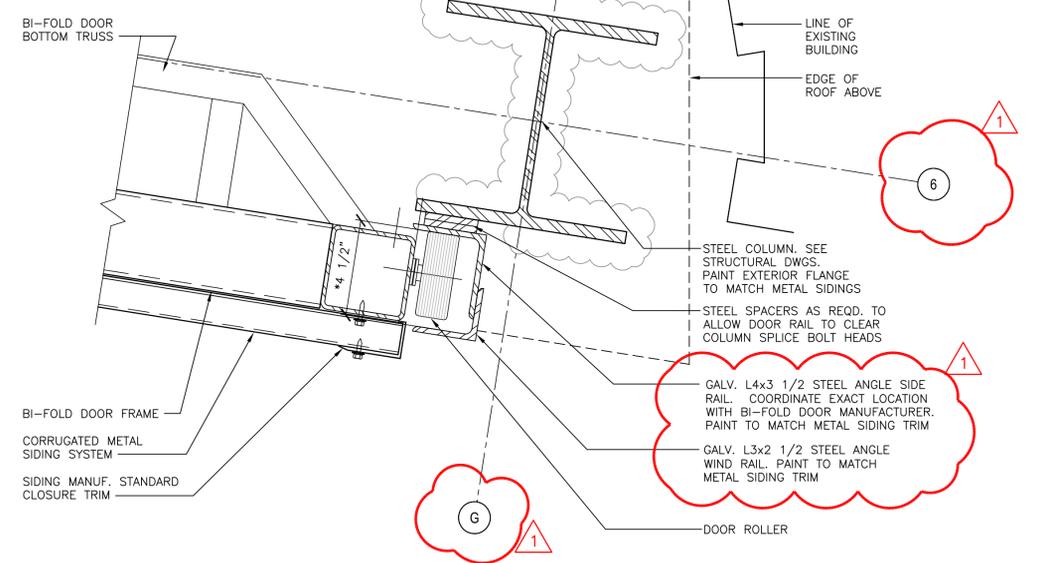
**1 BI-FOLD DOOR DETAIL (UPPER LEVEL)**  
A-501 SCALE: 3 = 1'-0"



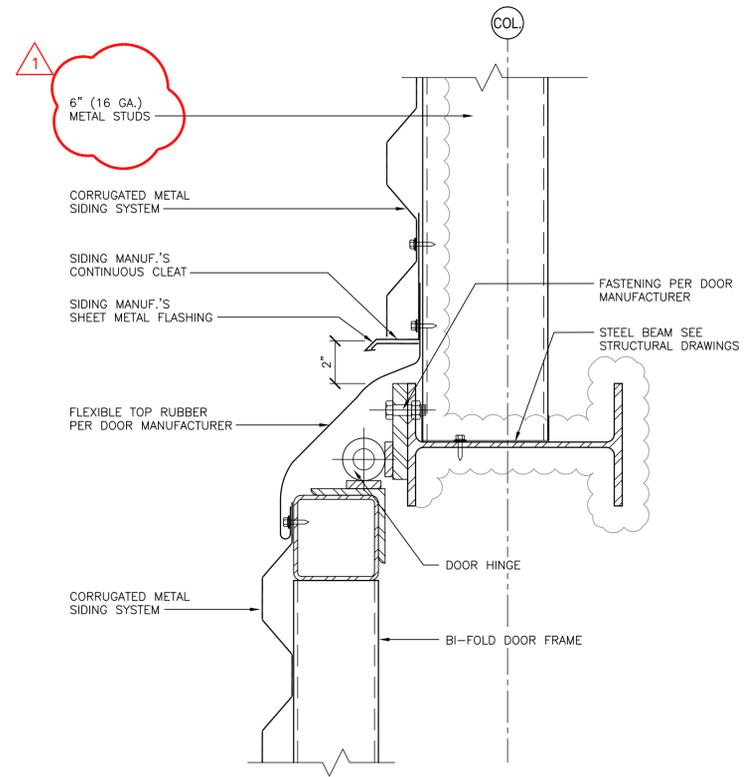
**2 ENCLOSURE WALL DETAIL**  
A-501 SCALE: 3 = 1'-0"

APPLY TYPE 1 FIREPROOFING OVER ENTIRE SURFACE OF INTERIOR PER UL DESIGN UB04 (TYP.)  
APPLY TYPE 2 FIREPROOFING AT BOTTOM 2'-0" OF STRUCTURAL STEEL PER UL DESIGN X764 (TYP.)

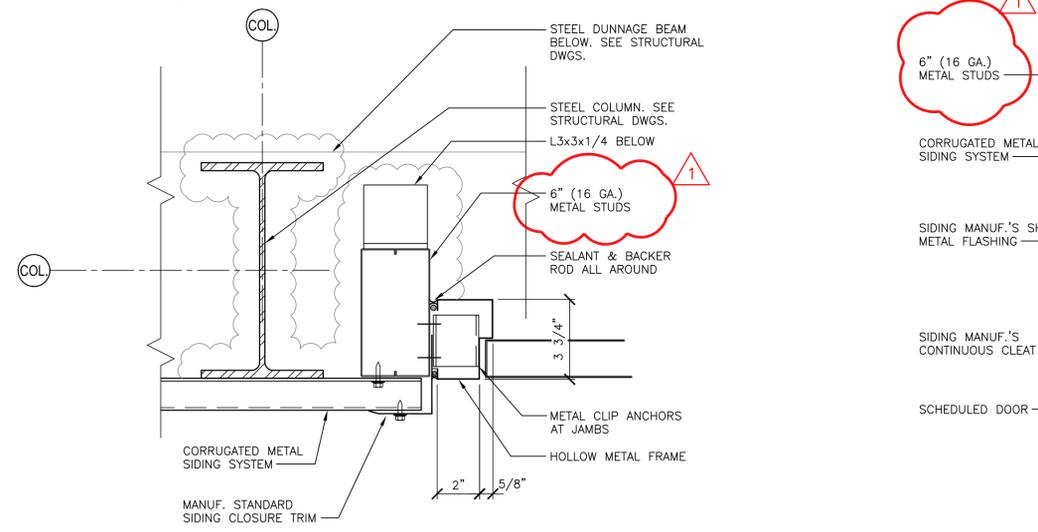
NOTE: CONFIRM DIMENSIONS PRECEDED BY "\*" WITH BI-FOLD DOOR MANUFACTURER.



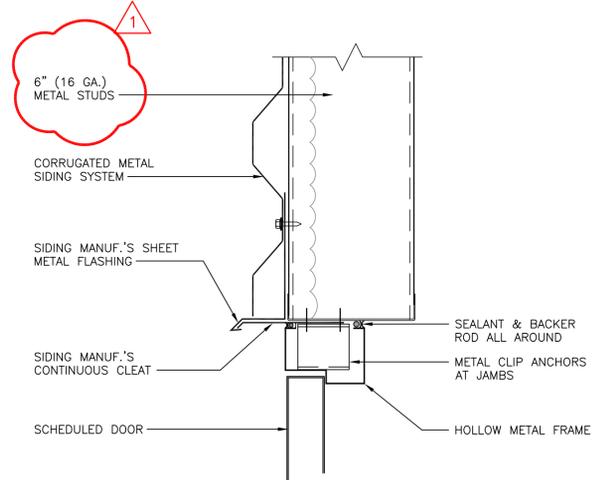
**3 BI-FOLD DOOR DETAIL (LOWER LEVEL)**  
A-501 SCALE: 3 = 1'-0"



**4 BI-FOLD DOOR HEAD DETAIL**  
A-501 SCALE: 3 = 1'-0"



**5 DOOR JAMB DETAIL**  
A-501 SCALE: 3 = 1'-0"



**6 DOOR HEAD DETAIL**  
A-501 SCALE: 3 = 1'-0"

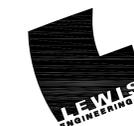


NYS OFFICE OF GENERAL SERVICES

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ANDREW CUOMO  
Governor  
ROANN M. DESTITO  
Commissioner

CONSULTANT



94 NEW KAMR ROAD, SUITE 201  
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CONTRACT:

**ELECTRICAL**

TITLE: PROVIDE RIG ENCLOSURES CORNING TOWER

LOCATION: EMPIRE STATE PLAZA  
ALBANY, NY 12242

CLIENT: THE OFFICE OF  
GENERAL SERVICES

**REVISED DRAWING 03/06/2013**

MARK	DATE	DESCRIPTION
△	03/06/2013	ADDENDUM #1
	02/20/2013	BID SUBMISSION

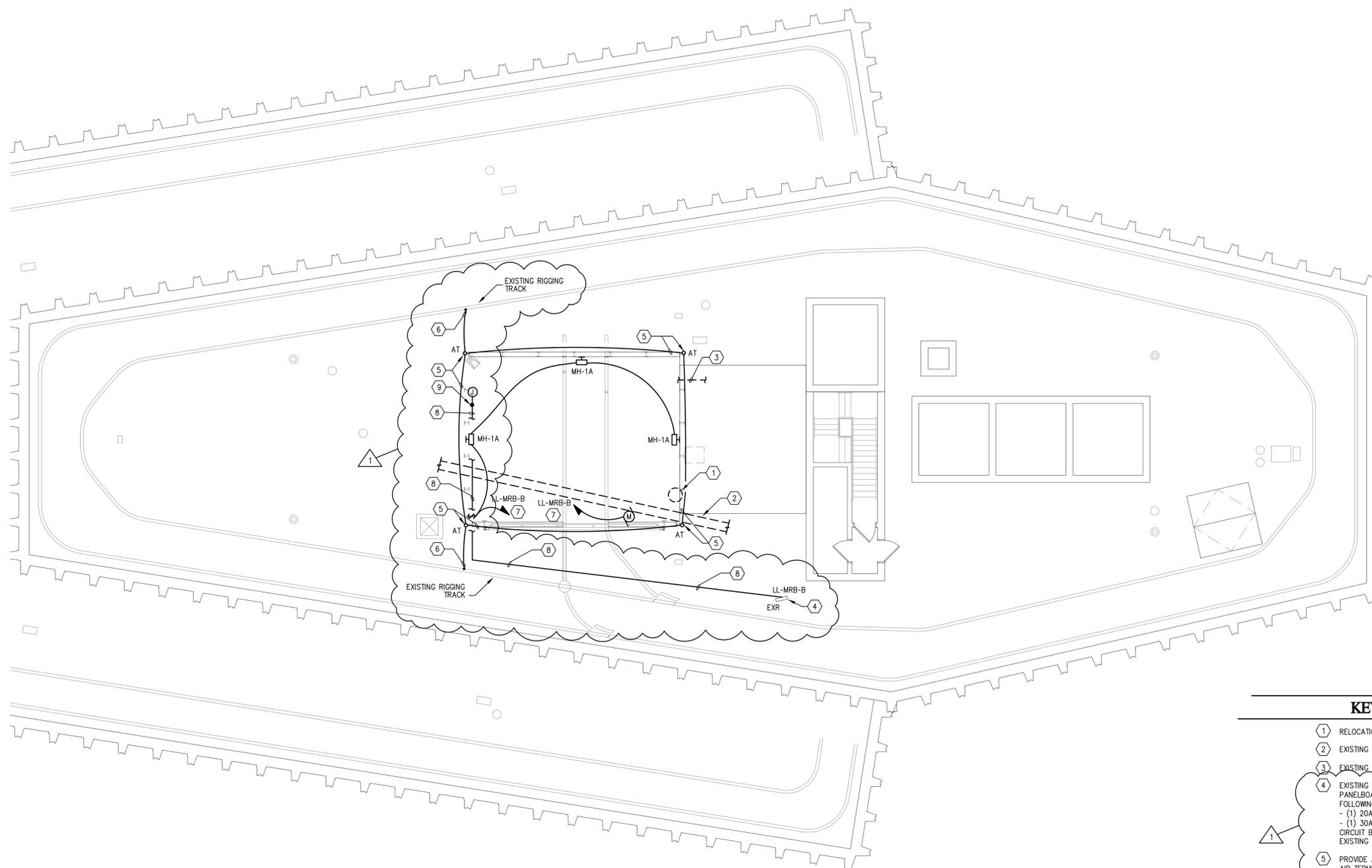
PROJECT NUMBER:	44597 - E
DESIGNED BY:	RFL
DRAWN BY:	AG
FIELD CHECK:	
APPROVED:	RFL

SHEET TITLE:  
**UPPER ROOF ELECTRICAL PLAN**

DRAWING NUMBER:  
**E-102**  
SHEET 1 OF 2

**GENERAL NOTES:**

1. PROVIDE FIRE STOPPING AS REQUIRED TO MATCH EXISTING FIRE RATING.
2. COORDINATE PHASING WITH C CONTRACTOR.



**KEYED NOTES**

- 1 RELOCATION OF EXISTING ANTENNA/DISH NIC.
- 2 EXISTING ROOF MOUNTED CABLETRAY TO REMAIN
- 3 EXISTING CABLE(S) TO REMAIN.
- 4 EXISTING PANELBOARD LL-MRB-B LOCATED ON 44TH FLOOR, MECHANICAL SPACE. PANELBOARD IS 100A, 120/208, 3 PHASE MANUFACTURED BY SQUARE D. PROVIDE THE FOLLOWING CIRCUIT BREAKERS IN EXISTING SPACES:  
- (1) 20A, SINGLE POLE FOR LIGHTING.  
- (1) 30A, 2 POLE FOR OVERHEAD DOOR.  
CIRCUIT BREAKERS SHALL BE FULLY COMPATIBLE AND UL LABELED FOR USE WITH EXISTING PANELBOARD MANUFACTURER.
- 5 PROVIDE AIR TERMINALS (AT), PROVIDE CONDUCTORS, CONNECTORS, ETC. AND CONNECT AIR TERMINALS TO EACH OTHER AND TO EXISTING RIGGING TRACK
- 6 PROVIDE DOWN CONDUCTORS, CONNECTORS, ETC. AND CONNECT TO EXISTING RIGGING TRACK (EXISTING LIGHTNING PROTECTION SYSTEM)
- 7 CONDUIT AND CONDUCTORS SHALL BE ROUTED VIA JUNCTION BOX DOWN TO EXR PANEL. LL-MRB-B LOCATED ON 44TH FLOOR MECHANICAL SPACE.
- 8 PROVIDE (4)#10 AWG AND (2)#10 AWG EGC IN 3/4" CONDUIT, TYPICAL THROUGHOUT. CONDUIT SHALL BE ROUTED EXPOSED ACROSS 44TH FLOOR MECHANICAL SPACE CEILING.
- 9 AT THIS POINT PROVIDE CONDUIT VERTICAL DOWN TO 44TH FLOOR MECHANICAL SPACE.

**UPPER ROOF ELECTRICAL PLAN**

SCALE: 1/8" = 1'-0"

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CONTRACT:  
**CONSTRUCTION**

TITLE:  
PROVIDE RIG ENCLOSURES CORNING TOWER

LOCATION:  
EMPIRE STATE PLAZA  
ALBANY, NY 12242

CLIENT:  
OFFICE OF GENERAL SERVICES  
DESIGN AND CONSTRUCTION

REVISED DRAWING 03/06/2013

03-06-2013 ADDENDUM 1

02-20-2013 BID SUBMISSION

MARK DATE DESCRIPTION

PROJECT NUMBER: 44597- C

DESIGNED BY: MEH

DRAWN BY: MEH

FIELD CHECK:

APPROVED:

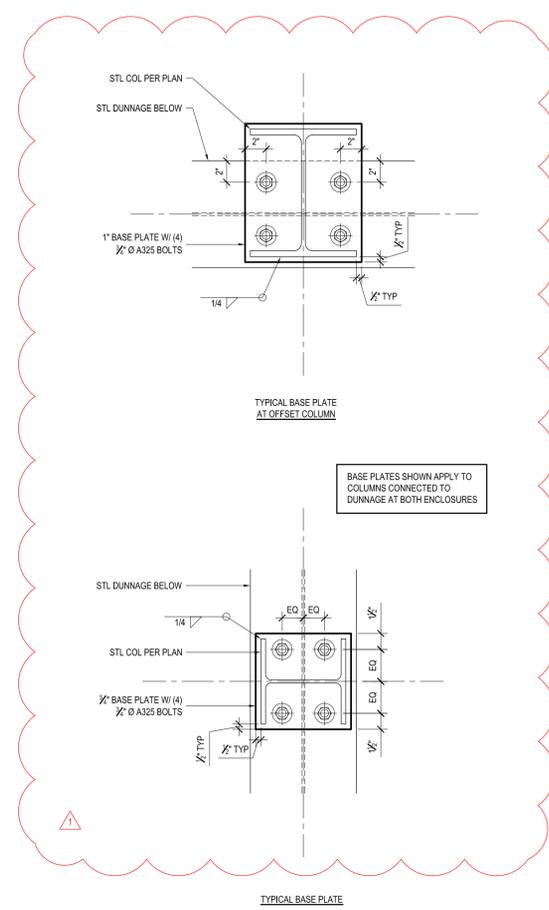
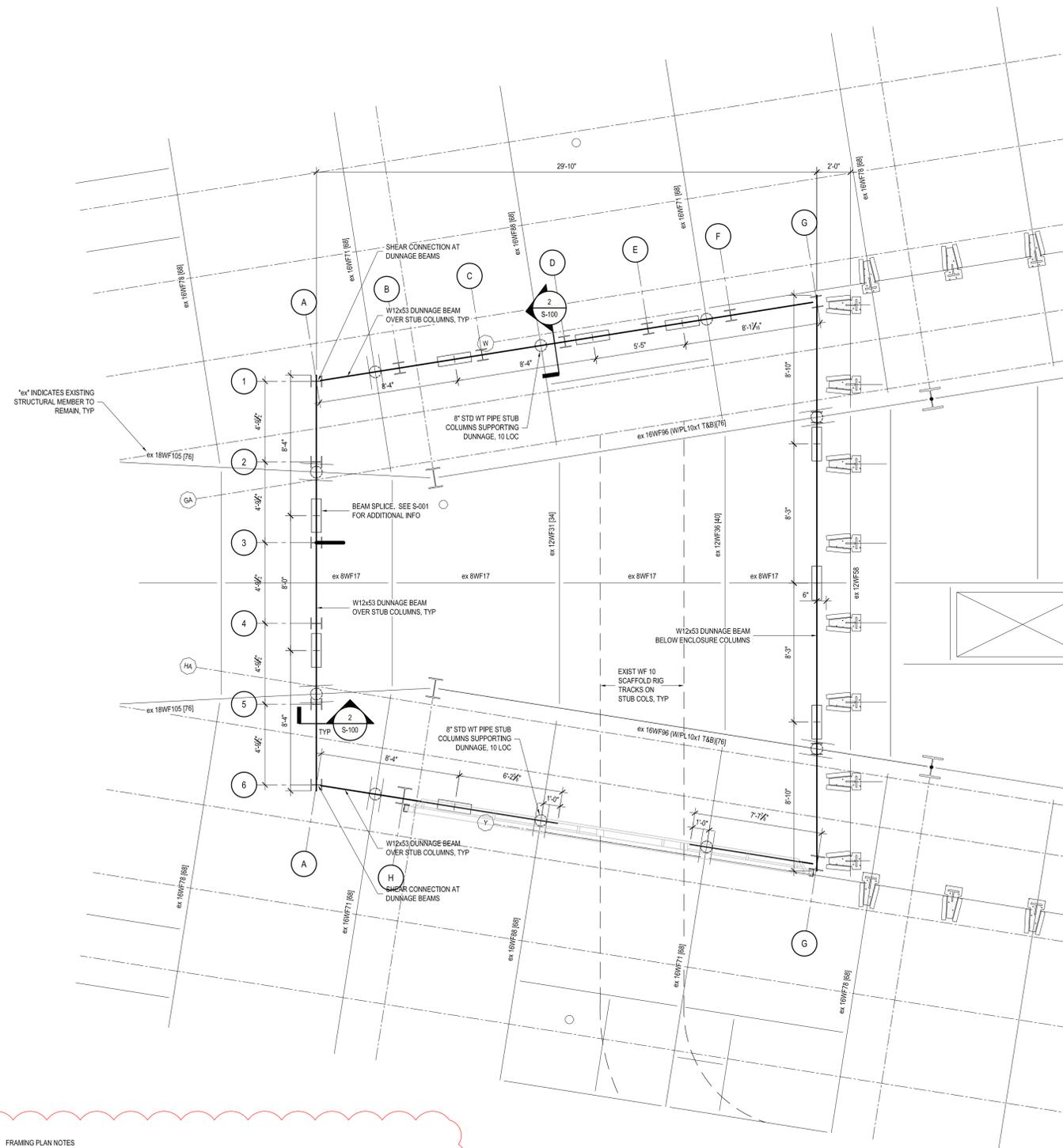
SHEET TITLE:

LOWER LEVEL  
DUNNAGE FRAMING PLAN

DRAWING NUMBER:

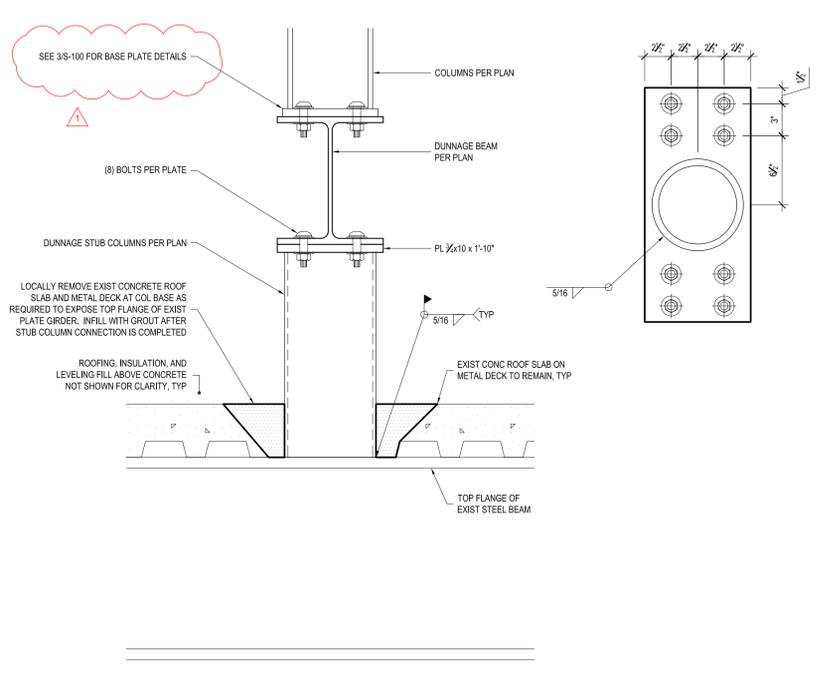
S-100

SHEET 2 OF 14



3 TYPICAL BASE PLATE DETAILS

REF: 1 1/2" = 1'-0"



2 SECTION

REF: 1 1/2" = 1'-0"

1 LOWER LEVEL DUNNAGE FRAMING PLAN

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



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**CONSTRUCTION**

TITLE: PROVIDE RIG ENCLOSURES CORNING TOWER

LOCATION: EMPIRE STATE PLAZA ALBANY, NY 12242

CLIENT: OFFICE OF GENERAL SERVICES DESIGN AND CONSTRUCTION

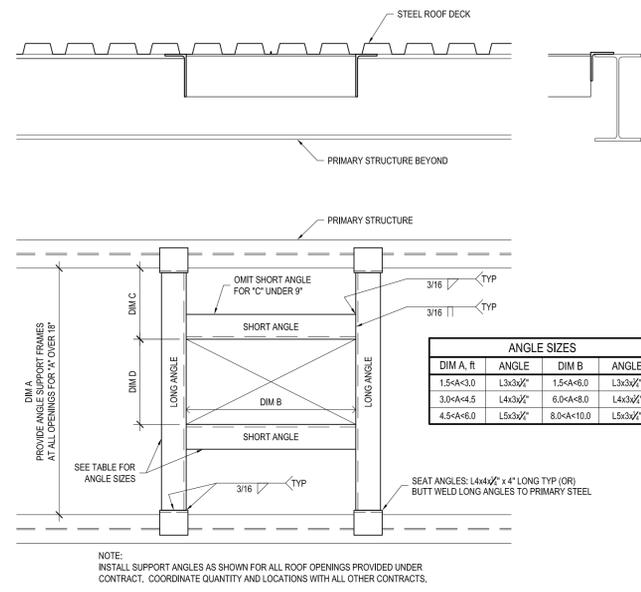
REVISED DRAWING 03/06/2013

MARK	DATE	DESCRIPTION
△	03-06-2013	ADDENDUM 1
△	02-20-2013	BID SUBMISSION

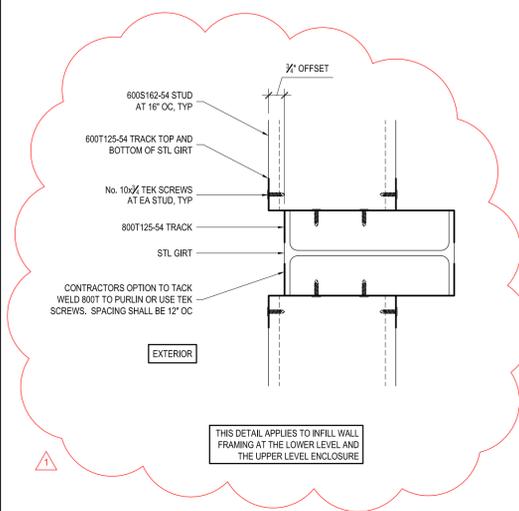
SHEET TITLE: LOWER LEVEL ROOF FRAMING PLAN

DRAWING NUMBER: S-101

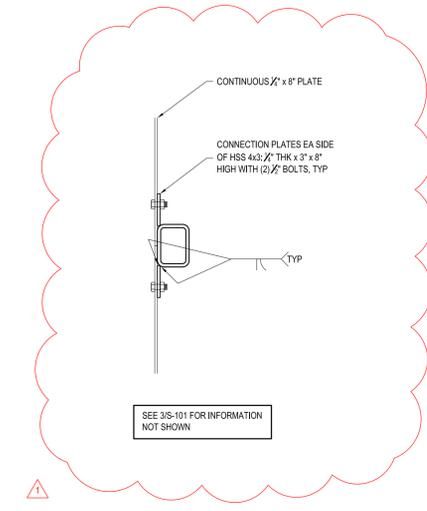
SHEET 3 OF 14



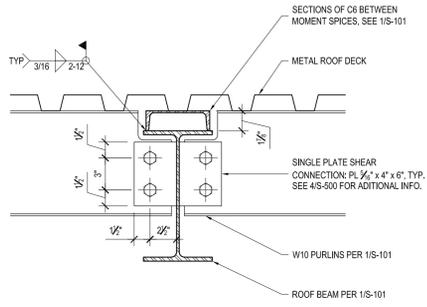
5 ROOF DECK SUPPORT ANGLE DETAIL  
REF: 1/S-101 1" = 1'-0"



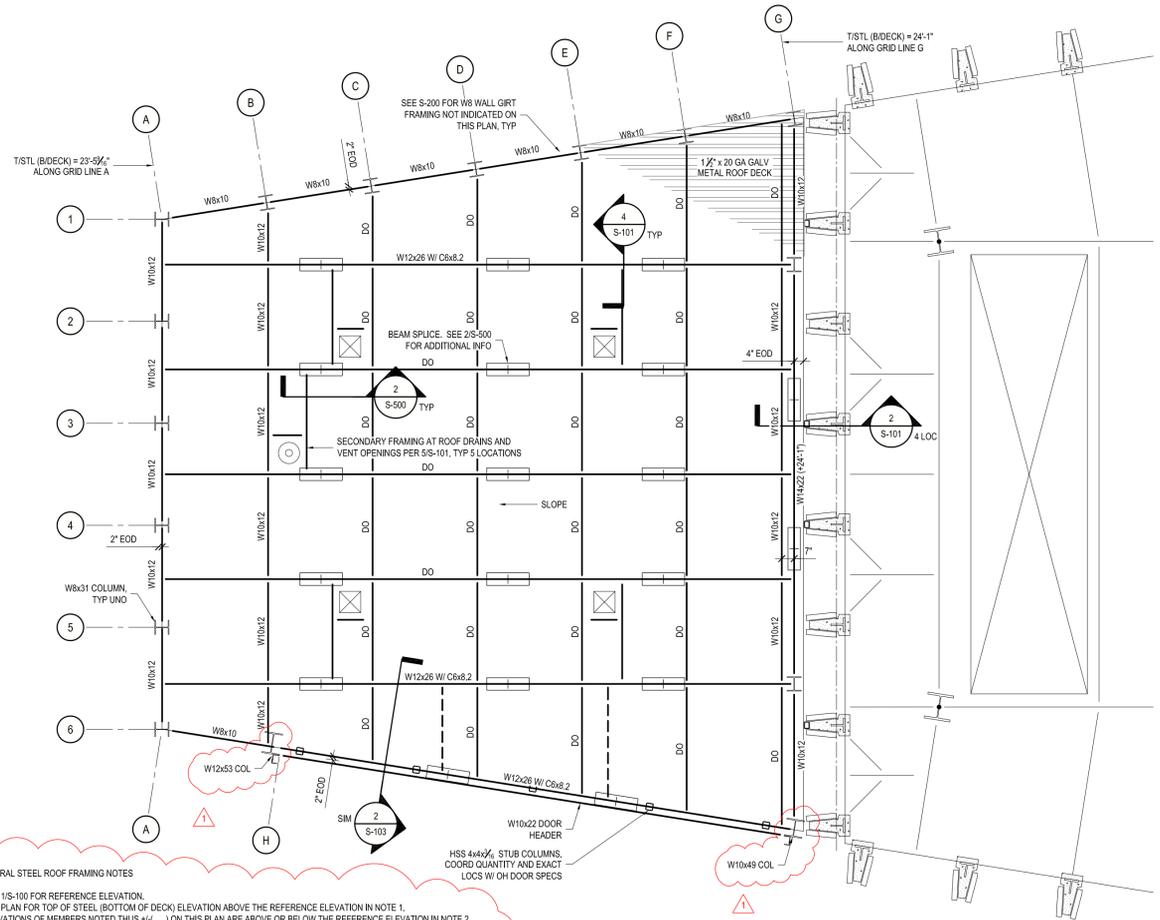
6 TYPICAL WALL INFILL FRAMING  
REF: 1/S-101 3" = 1'-0"



7 SECTION  
REF: 2/S-101 1 1/2" = 1'-0"

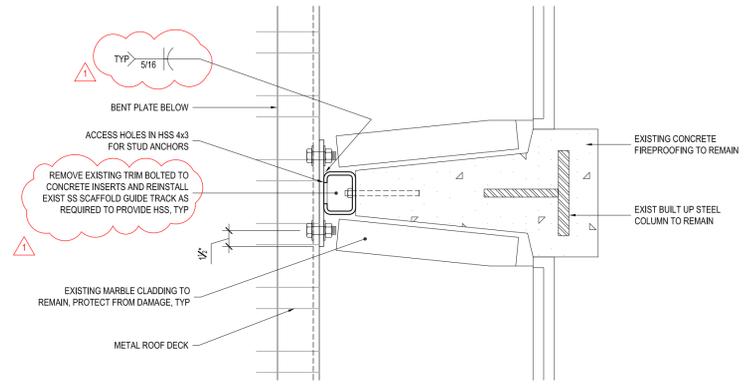


4 SECTION AT ROOF BEAM  
REF: 1/S-101 1-1/2" = 1'-0"

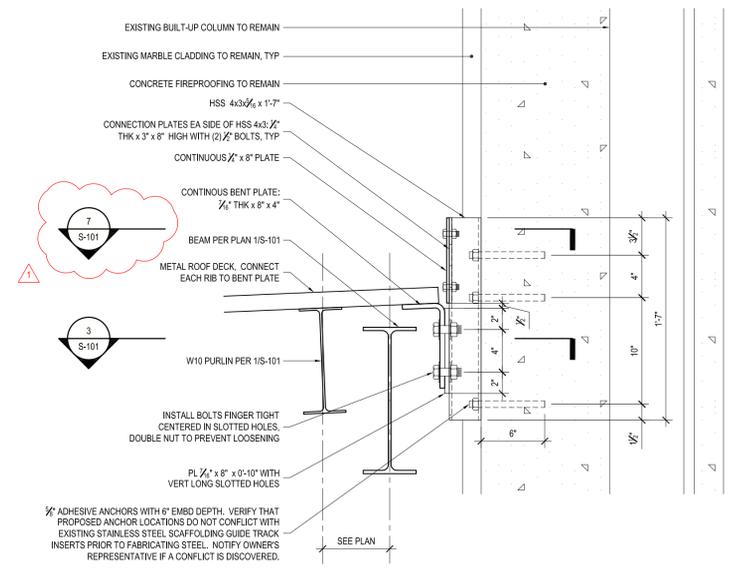


- STRUCTURAL STEEL ROOF FRAMING NOTES**
- SEE 1/S-100 FOR REFERENCE ELEVATION.
  - SEE PLAN FOR TOP OF STEEL (BOTTOM OF DECK) ELEVATION ABOVE THE REFERENCE ELEVATION IN NOTE 1.
  - ELEVATIONS OF MEMBERS NOTED THUS +/- ( ) ON THIS PLAN ARE ABOVE OR BELOW THE REFERENCE ELEVATION IN NOTE 2.
  - SLOPE STEEL FRAMING UNIFORMLY BETWEEN STEEL ELEVATION HIGH AND LOW POINTS.
  - STRUCTURAL COLUMNS ARE NOTED ON THE PLAN.
  - EQUALY SPACE BEAMS AND JOISTS BETWEEN COLUMNS WHEN SPACING DIMENSIONS ARE NOT GIVEN.
  - SEE PLAN FOR ROOF DECK REQUIREMENTS.
  - BF DENOTES A BRACED FRAME. SEE S-200 FOR FRAME SCHEMATIC STRUCTURAL INFORMATION.
  - COORDINATE ROOF DECK OPENING QUANTITY, SIZES, AND LOCATIONS WITH A-SERIES DWGS, AND WITH APPROVED SHOP DRAWINGS.
  - SEE DETAIL 6/S-101 FOR TYPICAL WALL INFILL FRAMINGS.
  - SEE DETAIL 6/S-101 FOR DECK EDGE SUPPORT REQUIREMENTS AT ROOF DRAINS, DUCT OPENINGS, AND OTHER ROOF DECK PENETRATIONS.
  - SEE NOTES ON S-001 FOR ADDITIONAL REQUIREMENTS.

1 LOWER LEVEL ROOF FRAMING PLAN  
REF: 1/4" = 1'-0"



3 PARTIAL PLAN DETAIL  
REF: 2/S-101 1-1/2" = 1'-0"



2 SECTION  
REF: 1/S-101 1-1/2" = 1'-0"

CONSULTANT



WARNING:

THE ALTERATION OF THIS MATERIAL IN ANY WAY, UNLESS DONE UNDER THE DIRECTION OF A COMPARABLE PROFESSIONAL, I.E. ARCHITECT FOR AN ARCHITECT, ENGINEER FOR AN ENGINEER OR LANDSCAPE ARCHITECT FOR A LANDSCAPE ARCHITECT, IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND/OR REGULATIONS AND IS A CLASS "A" MISDEMEANOR.

CONTRACT:

**CONSTRUCTION**

TITLE: PROVIDE RIG ENCLOSURES CORNING TOWER

LOCATION: EMPIRE STATE PLAZA  
ALBANY, NY 12242

CLIENT: OFFICE OF GENERAL SERVICES  
DESIGN AND CONSTRUCTION

REVISED DRAWING 03/06/2013

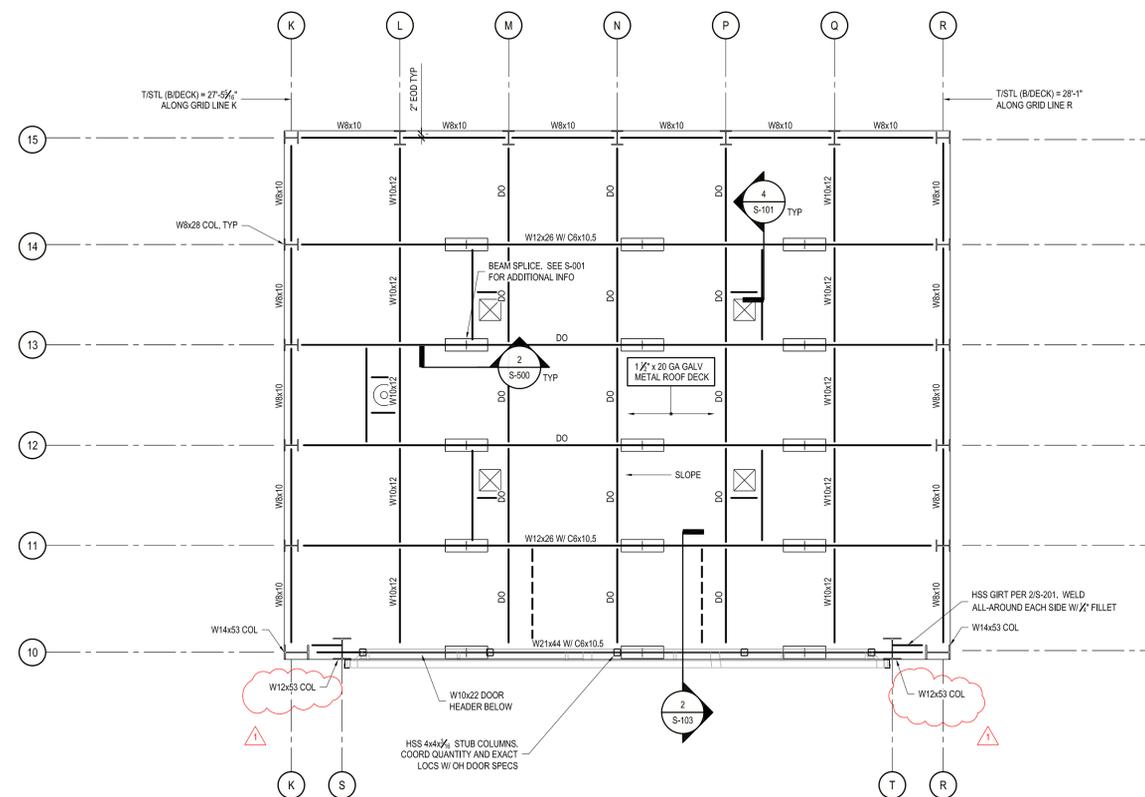


PROJECT NUMBER:	44597- C
DESIGNED BY:	MEH
DRAWN BY:	MEH
FIELD CHECK:	
APPROVED:	

SHEET TITLE:  
**UPPER LEVEL  
ROOF FRAMING PLAN**

DRAWING NUMBER:  
**S-103**

SHEET 5 OF 14



STRUCTURAL STEEL ROOF FRAMING NOTES

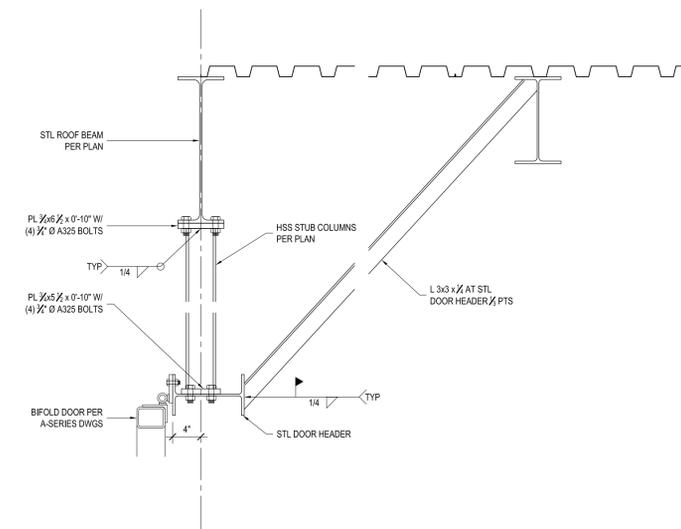
- SEE 1/S-102 FOR REFERENCE ELEVATION.
- SEE PLAN FOR TOP OF STEEL (BOTTOM OF DECK) ELEVATION ABOVE THE REFERENCE ELEVATION IN NOTE 1.
- ELEVATIONS OF MEMBERS NOTED THUS +/- ( ) ON THIS PLAN ARE ABOVE OR BELOW THE REFERENCE ELEVATION IN NOTE 2.
- SLOPE STEEL FRAMING UNIFORMLY BETWEEN STEEL ELEVATION HIGH AND LOW POINTS.
- STRUCTURAL COLUMNS ARE NOTED ON THE PLAN.
- EQUALLY SPACE BEAMS AND JOISTS BETWEEN COLUMNS WHEN SPACING DIMENSIONS ARE NOT GIVEN.
- SEE PLAN FOR ROOF DECK REQUIREMENTS.
- BF DENOTES A BRACED FRAME. SEE S-201 FOR FRAME STRUCTURAL INFORMATION.
- COORDINATE ROOF DECK OPENING QUANTITY, SIZES, AND LOCATIONS WITH A-SERIES DWGS. AND WITH APPROVED SHOP DRAWINGS.
- SEE DETAIL S/S-101 FOR DECK EDGE SUPPORT REQUIREMENTS AT ROOF DRAINS, DUCT OPENINGS, AND OTHER ROOF DECK PENETRATIONS.
- SEE NOTE ON S-201 FOR ADDITIONAL REQUIREMENTS.

1 UPPER LEVEL ROOF FRAMING PLAN

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

2 SECTION

REF: 1" = 1'-0"



CONSULTANT



**WARNING:**  
THE ALTERATION OF THIS MATERIAL IN ANY WAY, UNLESS DONE UNDER THE DIRECTION OF A COMPARABLE PROFESSIONAL, I.E. ARCHITECT FOR AN ARCHITECT, ENGINEER FOR AN ENGINEER OR LANDSCAPE ARCHITECT FOR A LANDSCAPE ARCHITECT, IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND/OR REGULATIONS AND IS A CLASS "A" MISDEMEANOR.

CONTRACT: **CONSTRUCTION**

TITLE: **PROVIDE RIG ENCLOSURES CORNING TOWER**

LOCATION: **EMPIRE STATE PLAZA  
ALBANY, NY 12242**

CLIENT: **OFFICE OF GENERAL SERVICES  
DESIGN AND CONSTRUCTION**

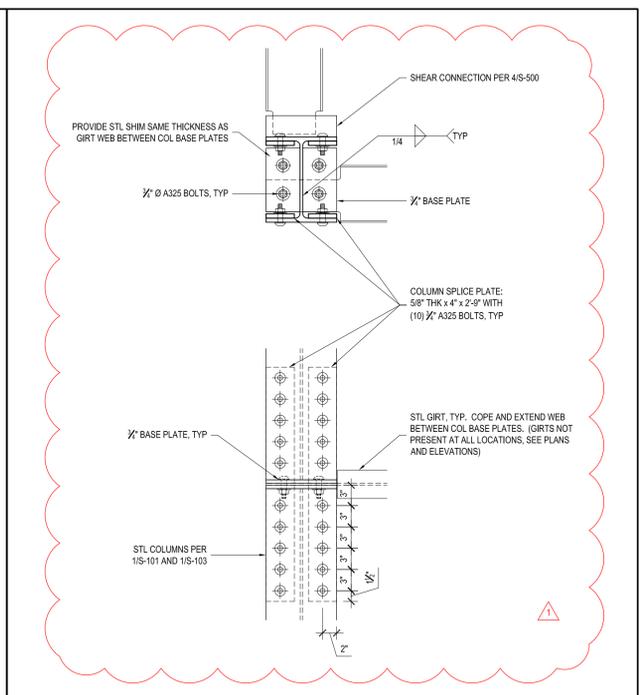
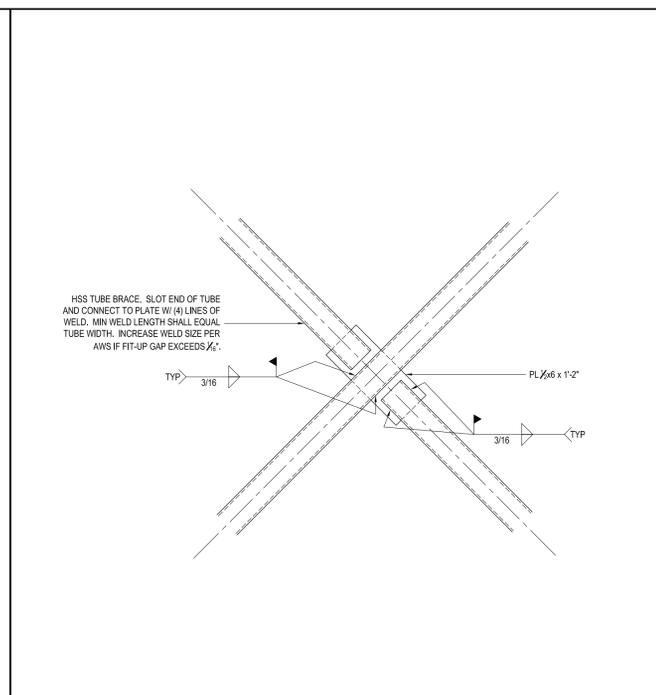
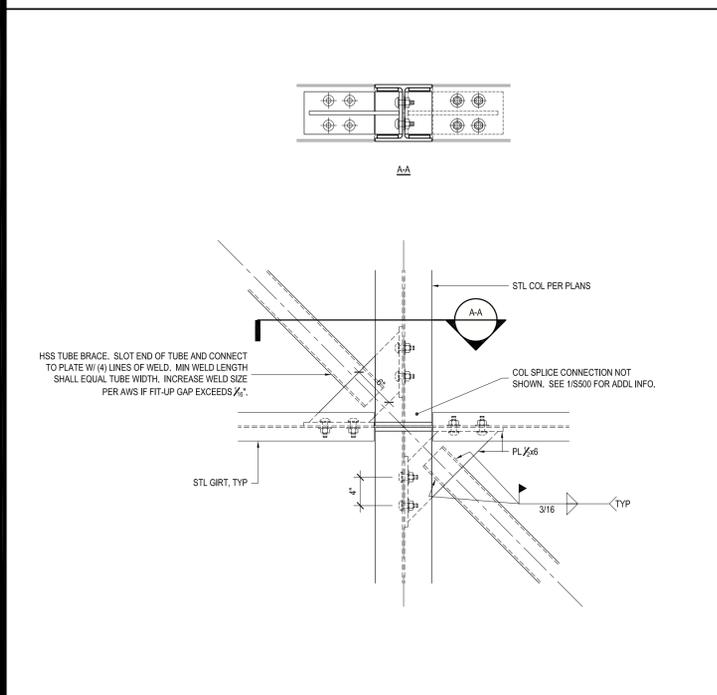
REVISED DRAWING 03/06/2013

MARK	DATE	DESCRIPTION
△	03-06-2013	ADDENDUM 1
	02-20-2013	BID SUBMISSION

PROJECT NUMBER: **44597- C**  
DESIGNED BY: **MEH**  
DRAWN BY: **MEH**  
FIELD CHECK:  
APPROVED:

SHEET TITLE: **STRUCTURAL DETAILS**

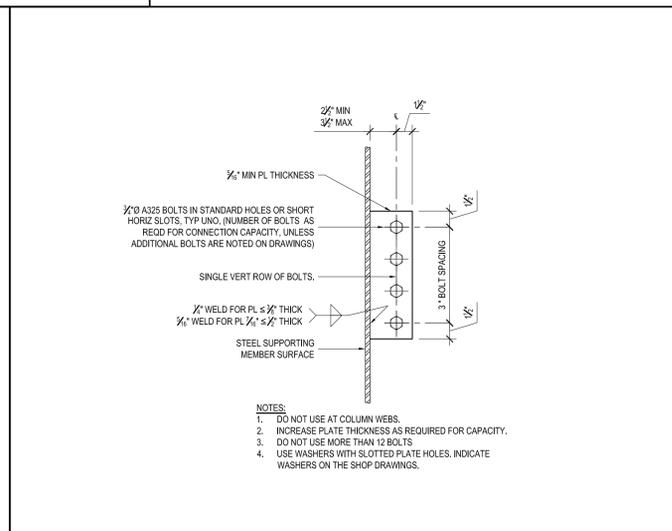
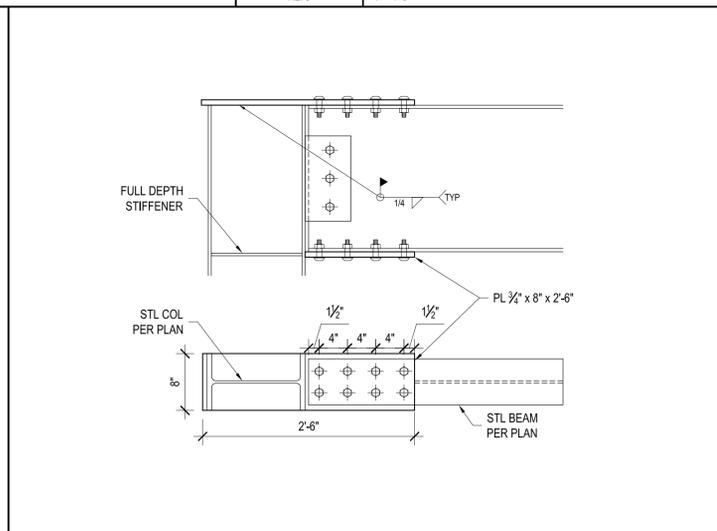
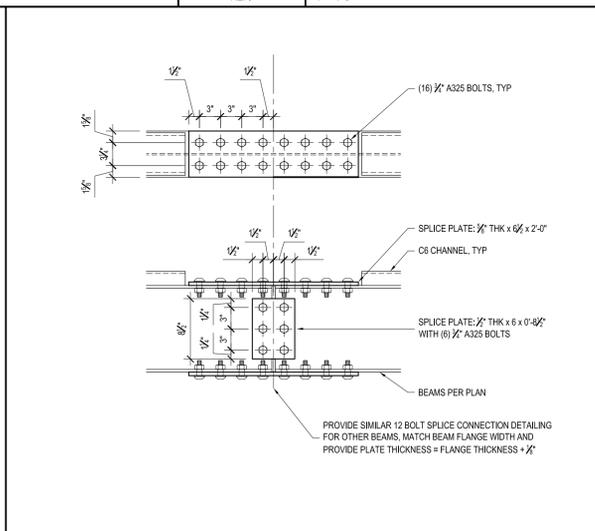
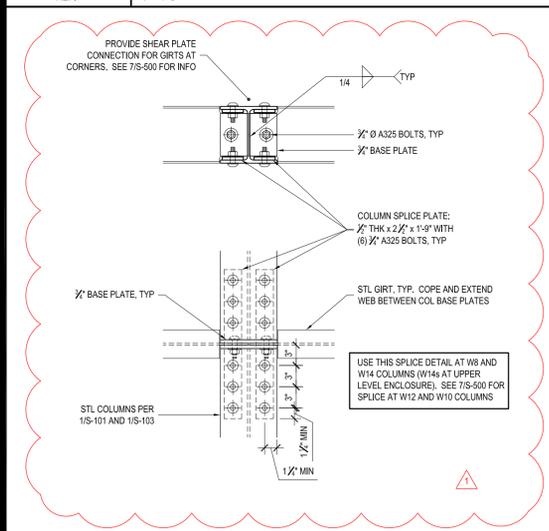
DRAWING NUMBER: **S-500**  
SHEET **8** OF **14**



**5 CONNECTION DETAIL**  
REF: 1" = 1'-0"

**6 CONNECTION DETAIL**  
REF: 1" = 1'-0"

**7 CONNECTION DETAIL**  
REF: 1" = 1'-0"



**1 CONNECTION DETAIL**  
REF: 1" = 1'-0"

**2 ROOF BEAM MOMENT SPLICE DETAIL**  
REF: 1/8"-1/8" 1" = 1'-0"

**3 CONNECTION DETAIL**  
REF: 1" = 1'-0"

**4 CONVENTIONAL SINGLE PLATE SHEAR CONNECTION**  
REF: 1 1/2" = 1'-0"