

RTU #1 FRAMING PLAN

- PLAN NOTES:
1. ROOF BASE ELEVATION = (+1219'-0 3/4")
  2. TOP OF MECHANICAL PLATFORM ELEVATION = (+1223'-0 3/4") (+4'-0")
  3. EXISTING COLUMN SIZES TO BE VERIFIED PRIOR TO FABRICATION.
  4. FOR GENERAL NOTES, SEE SHEET S200.
  5. CONTRACTOR TO VERIFY ALL EXISTING CONDITIONS. ANY DISCREPANCY TO BE BROUGHT TO DESIGN TEAM'S ATTENTION PRIOR TO PROCEEDING WITH WORK.
  6. STEEL STAIRS TO BE COORDINATED IN FIELD FOR ACCESS TO SERVICE CORRIDOR.
  7. SEE V/S101 FOR ADDITIONAL FRAMING INFORMATION.

EXISTING THIRD FLOOR FRAMING PLAN

- PLAN NOTES:
1. TOP OF FINISHED FLOOR ELEVATION = (+1209'-10 3/4")
  2. TOP OF STEEL ELEVATION = (+1209'-5 1/2")
  3. FOR GENERAL NOTES, SEE SHEET S200.
  4. EXISTING FLOOR SLAB IS COMPOSITE METAL DECK, 5" TOTAL THICKNESS.
  5. TOP OF STEEL ELEVATION IS (+1209'-5 1/2") FROM TOP OF FINISHED FLOOR SLAB ELEVATION, UNLESS NOTED OTHERWISE THRU (X-X').
  6. EXISTING FRAMING SHOWN IS FOR FLOOR SHOWN ACCORDING TO EXISTING DRAWINGS BY HATES, LARGE SUCKLING AND FRUTH DATED MAY 19, 1984.
  7. COORDINATE SIZE AND REINFORCING FOR OPENING.

100% CONSTRUCTION DOCUMENT SUBMISSION  
FULLY SPRINKLERED

<b>CONSULTANTS:</b>  100% DESIGN DEVELOPMENT SUBMISSION 05/03/2013		<b>ARCHITECT/ENGINEER:</b>  PROJECT NUMBER: 2010.056.00 CAD FILE: COPYRIGHT WEBER MURPHY FOX INC. 2013		<b>Drawing Title:</b> EXISTING THIRD FLOOR FRAMING PLAN <b>Approved/Project Director:</b>		<b>Project Title:</b> VAPHS OPERATING ROOM EXPANSION <b>Location:</b> (UD) UNIVERSITY DRIVE DIVISION PITTSBURGH, PA 15240 <b>Date:</b> 06/10/13 <b>Checked:</b> TAA/DGF <b>Drawn:</b> SRG		<b>Project Number:</b> 646-09-131 <b>Building Number:</b> ONE <b>Drawing Number:</b> S100 1 Dwg of 5		<b>Office of Construction and Facilities Management</b> 	
---	--	--	--	---	--	---	--	---	--	---	--

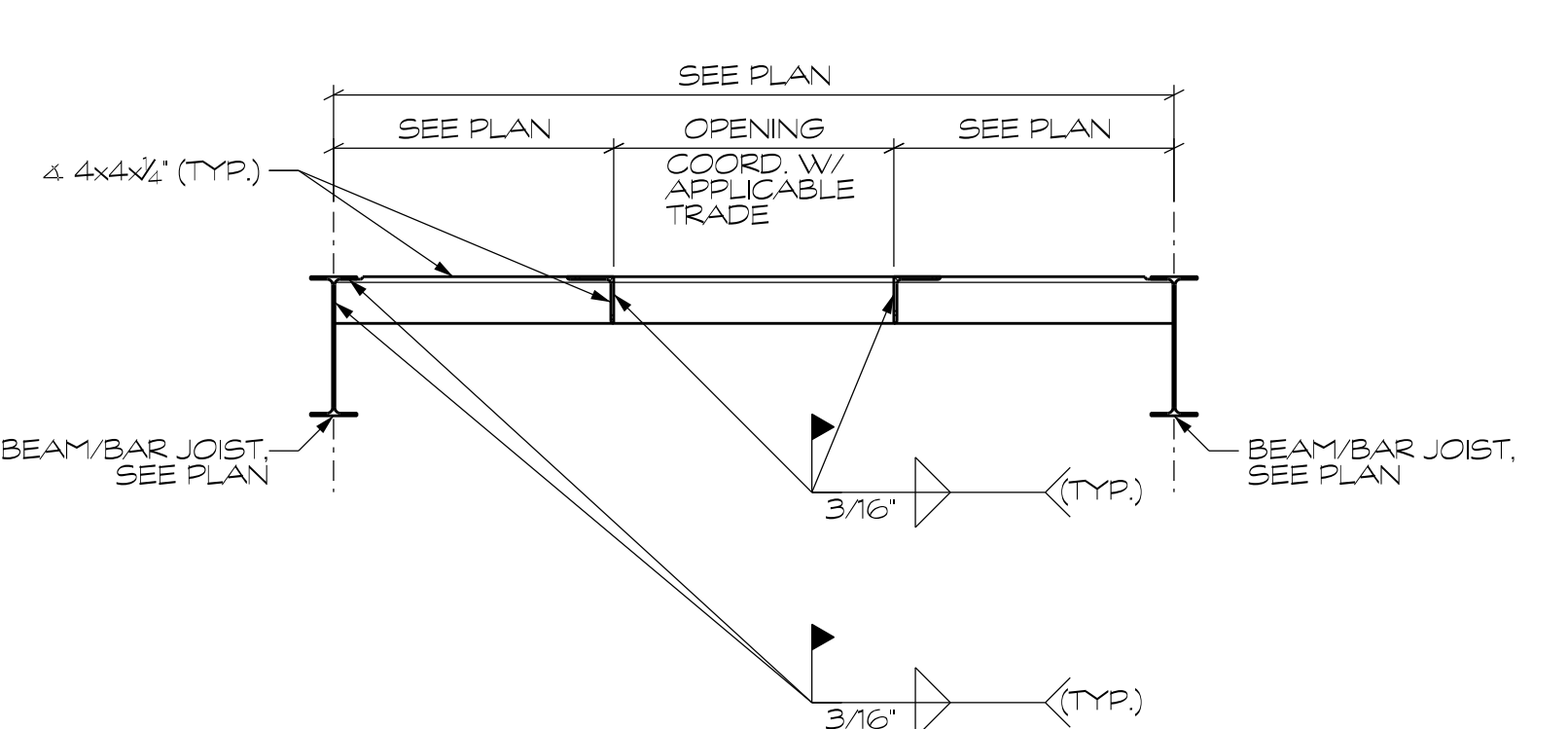
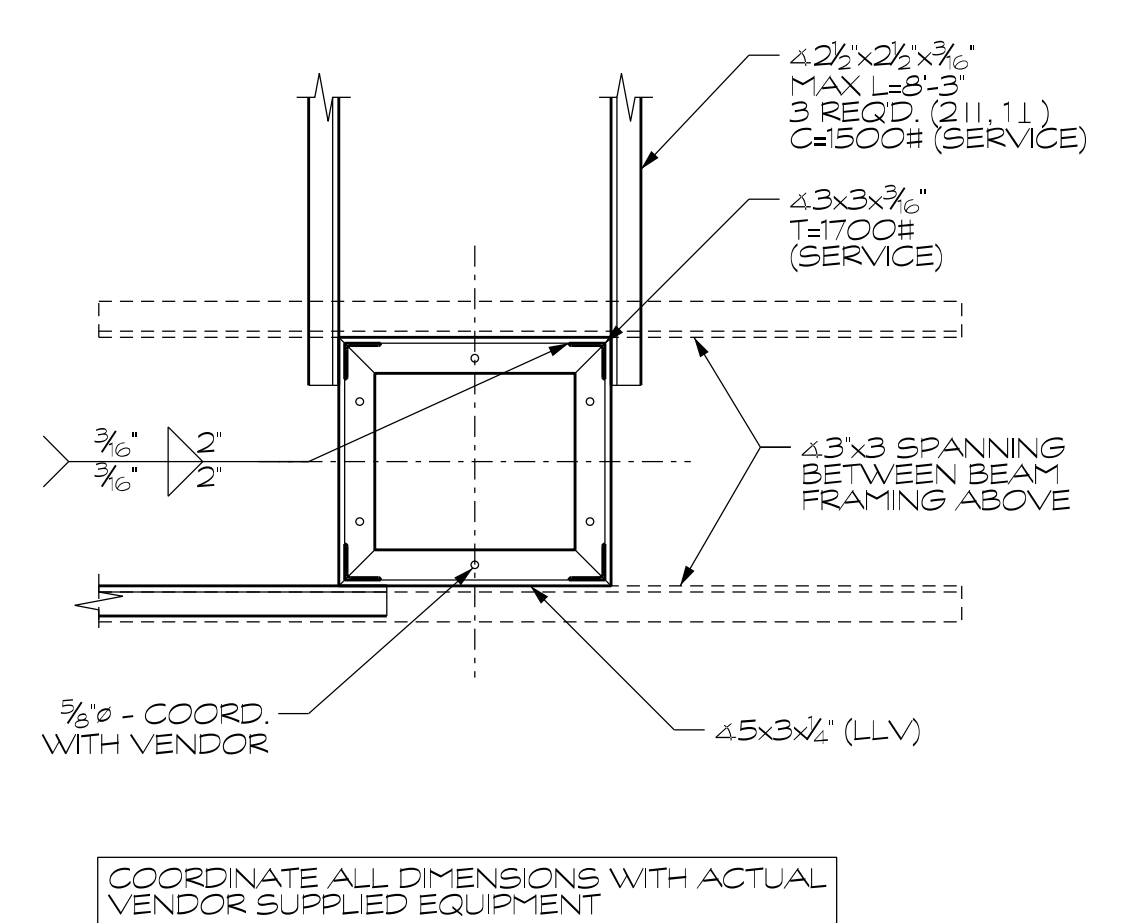
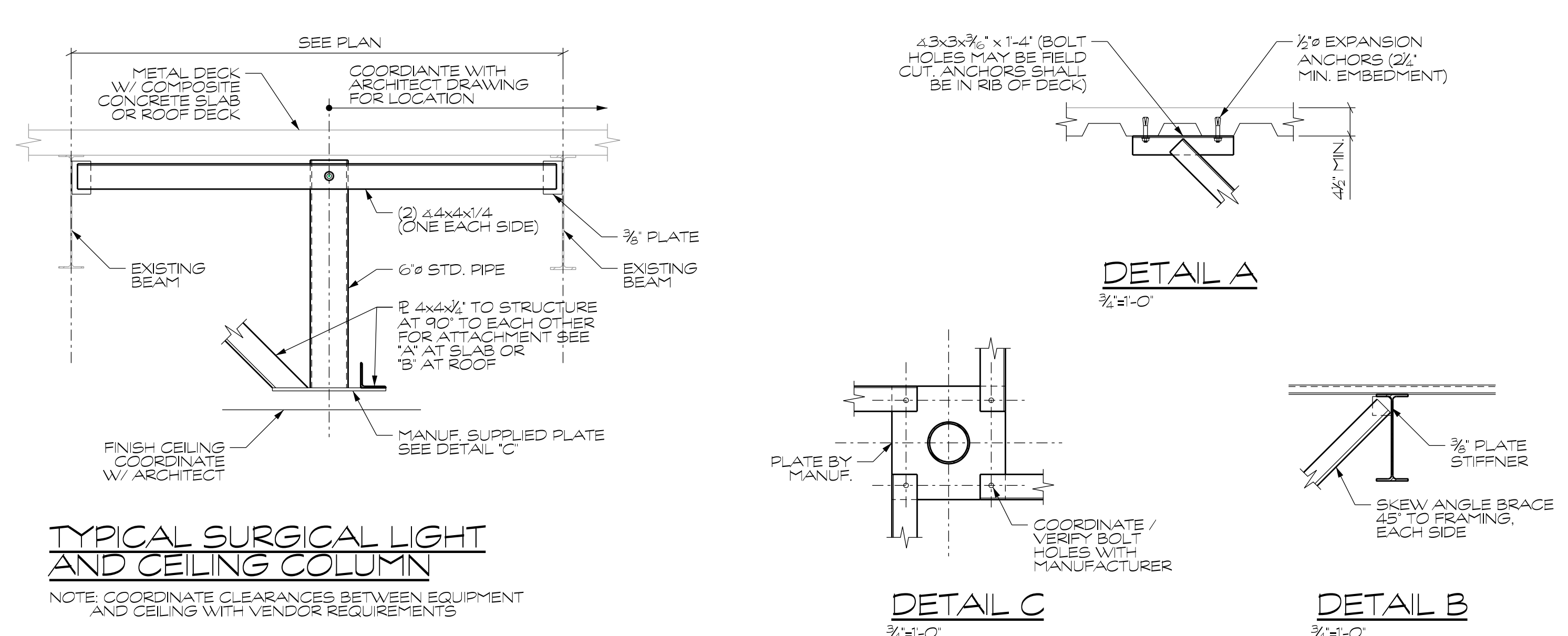




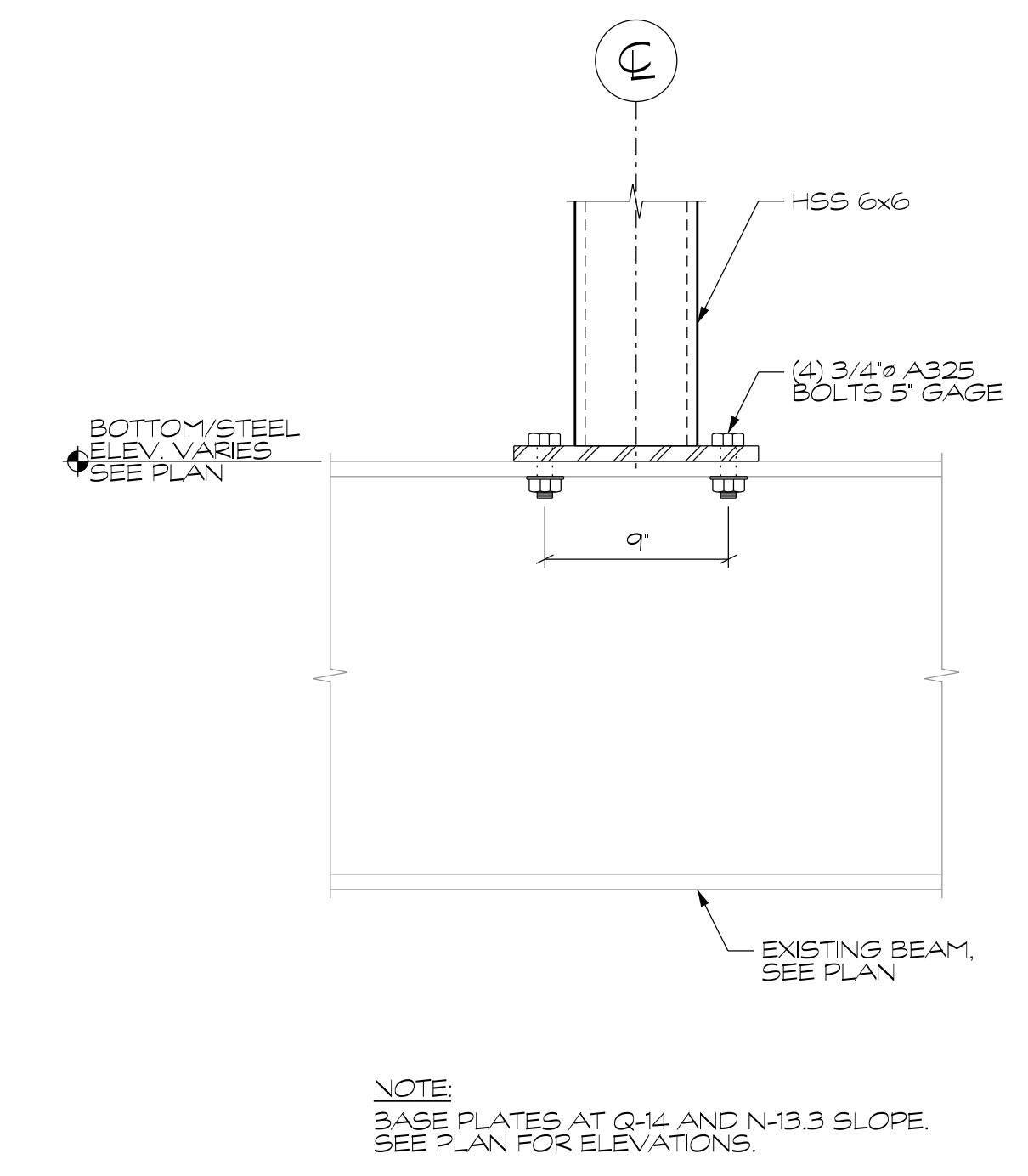
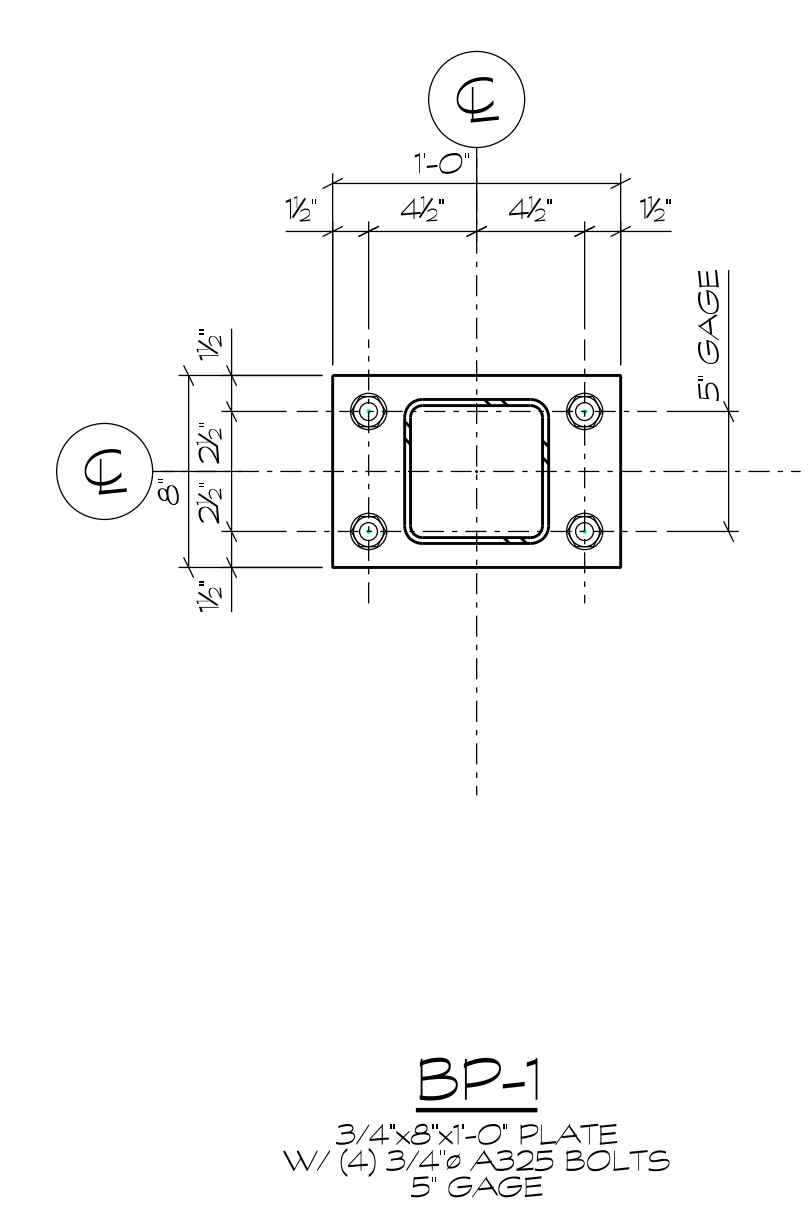
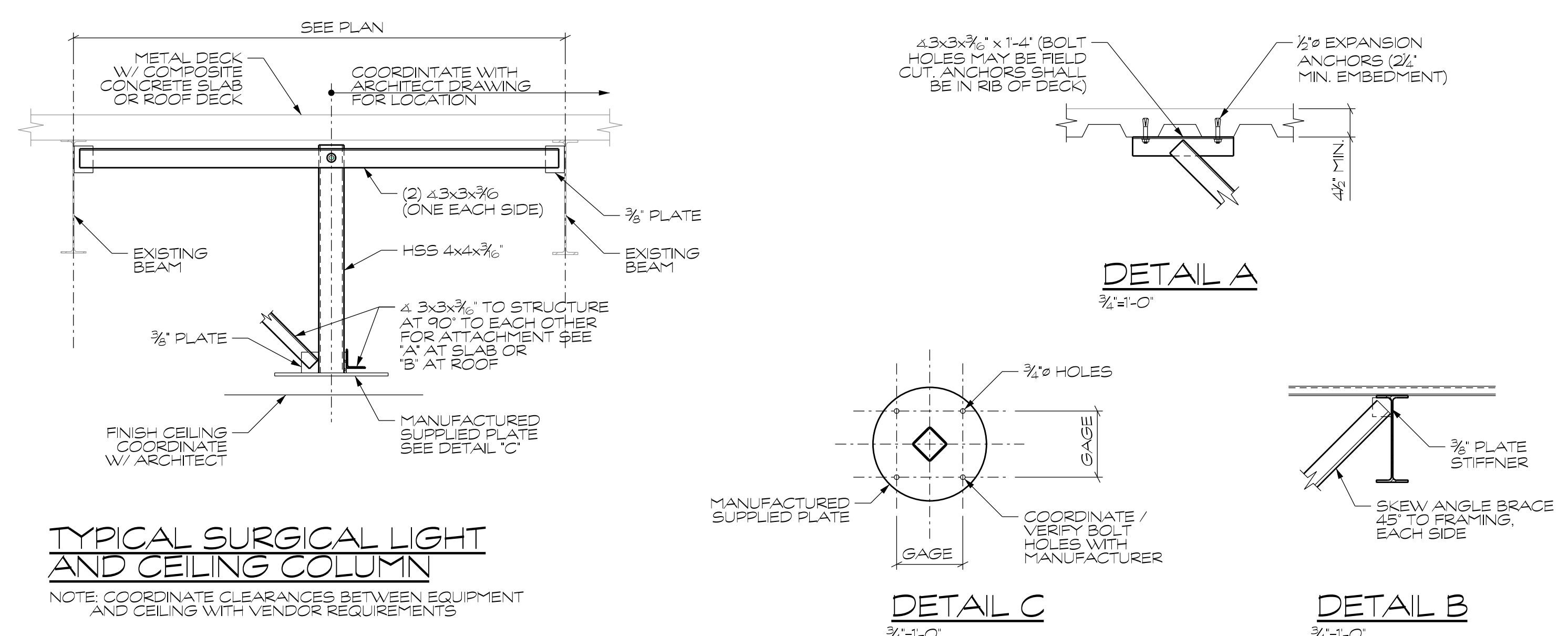




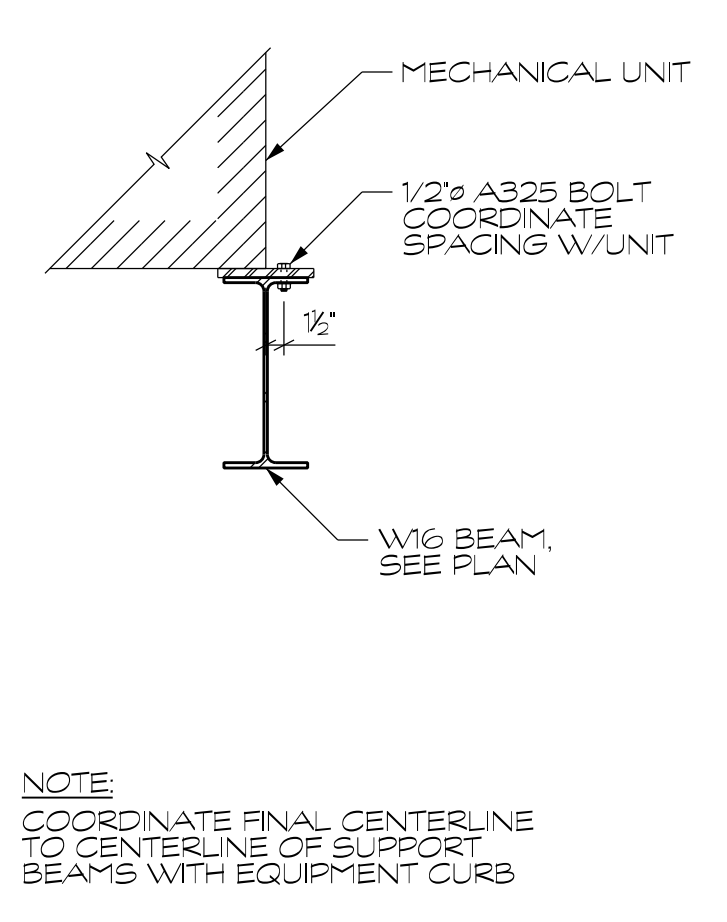
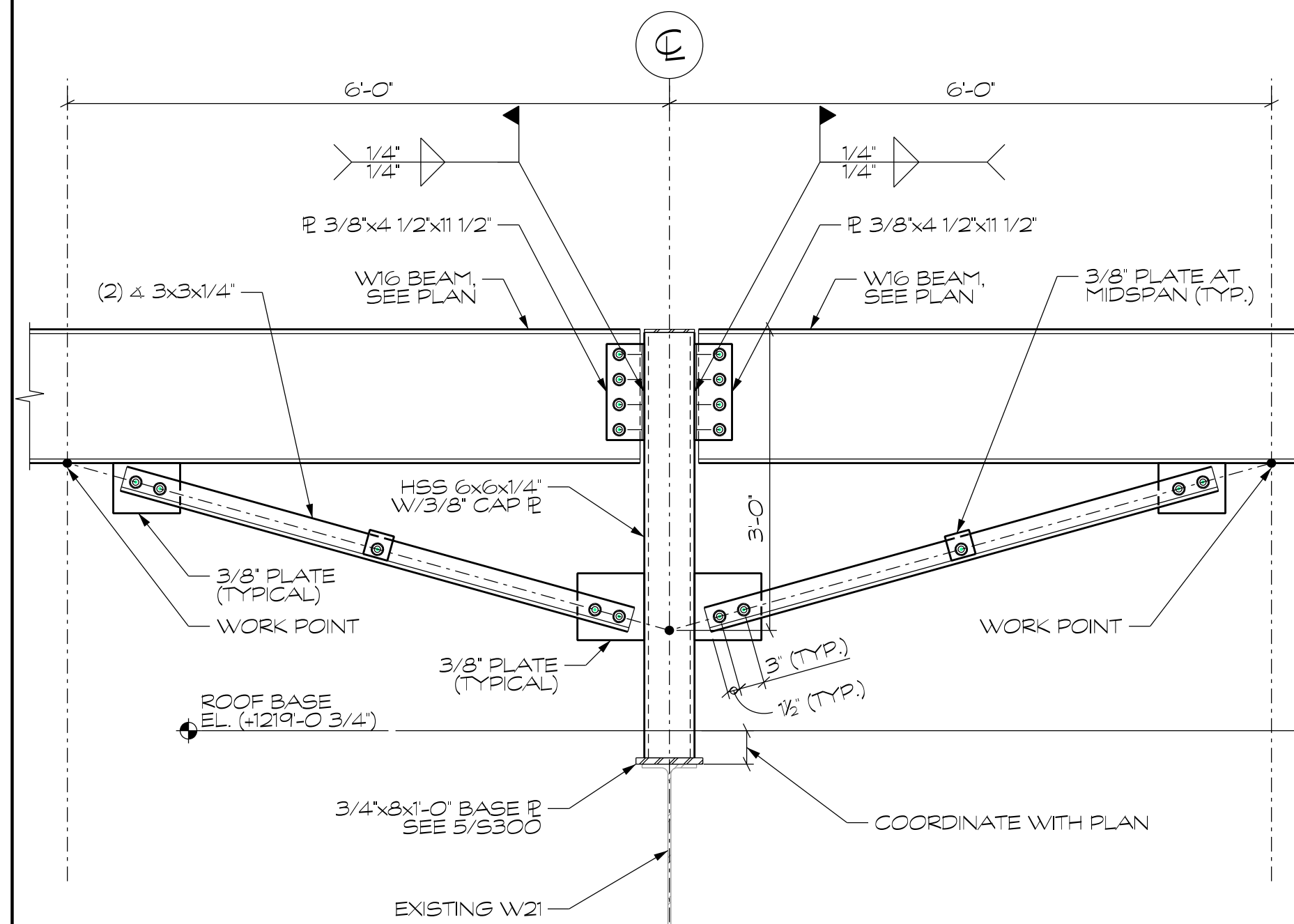
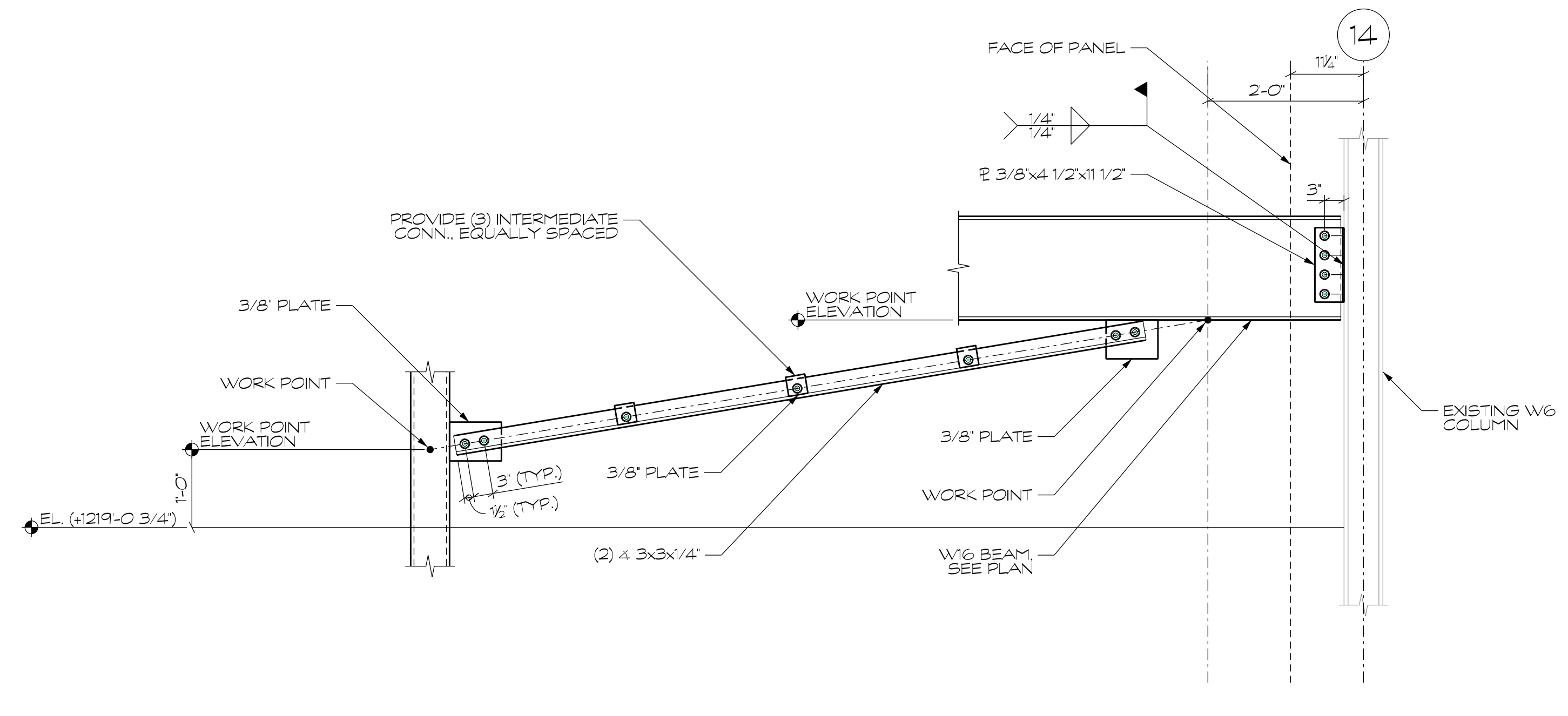




1 BERCHTOLD TYPICAL SURGICAL LIGHT AND CEILING COLUMN  
2 TYPICAL MEDICAL GAS COLUMN DETAIL  
3 TYPICAL NEW OPENING AT EXISTING DETAIL



4 TYPICAL SURGICAL LIGHT AND CEILING COLUMN  
5 TYPICAL BASE PLATE DETAIL  
6 SECTION



7 SECTION  
8 SECTION

100% CONSTRUCTION DOCUMENT SUBMISSION  
FULLY SPRINKLERED

Project Title: VAPHS OPERATING ROOM EXPANSION  
Location: (UD) UNIVERSITY DRIVE DIVISION PITTSBURGH, PA 15240  
Date: 06/10/13  
Checked: TAA/DGF  
Drawn: SRG  
Project Number: 646-09-131  
Building Number: ONE  
Drawing Number: S300  
Dwg of 5

Office of Construction and Facilities Management  
Department of Veterans Affairs

CONSULTANTS:  
Fitzpatrick Engineering Group, Inc.  
10000 W. Colorado Ave., Suite 211  
Centennial, CO 80112  
770-997-1114 / 770-997-0039  
100% DESIGN DEVELOPMENT SUBMISSION  
05/03/2013

ARCHITECT/ENGINEER:  
WEBER MURPHY FOX INC. 2013  
PROJECT NUMBER: 2010.056.00  
CAD FILE:  
COPYRIGHT WEBER MURPHY FOX INC. 2013

Drawing Title: SECTIONS AND DETAILS  
Approved/Project Director:



A

B

C

D

E

F

A

B

C

D

E

F

SCHEDULE OF SPECIAL INSPECTION SERVICES

- ☐ STRUCTURAL STEEL

☐ CAST-IN-PLACE CONCRETE

☐ MASONRY

☐ WOOD

☐ SOILS AND FOUNDATIONS

☐ PILES
- ☐ PERS

☐ SPRAY-FIRE-RESISTANT MATERIAL

☐ MASTIC, FLUORESCENT COATINGS

☐ EXTERIOR INSULATION AND FINISH SYSTEM

☐ SPECIAL CASES

SCHEDULE OF QUALIFICATIONS OF AGENCIES, INSPECTORS, AND TESTING TECHNICIANS

- CASE FORM 101
- SPECIAL INSPECTION AGENCIES SHALL MEET THE FOLLOWING REQUIREMENTS:
- 1) INDEPENDENT, OBJECTIVE AND COMPETENT, DISCLOSE POSSIBLE CONFLICTS OF INTEREST
  - 2) EQUIPPED - HAVE ADEQUATE EQUIPMENT, PERIODICALLY CALIBRATED TO PERFORM REQUIRED TESTS
  - 3) PERSONNEL - SHALL EMPLOY EXPERIENCED PERSONNEL EDUCATED TO CONDUCT, SUPERVISE AND EVALUATING TESTS AND/OR INSPECTIONS

THE FOLLOWING KEY IS USED IN THE SCHEDULES OF SPECIAL INSPECTION TO IDENTIFY THE MINIMUM QUALIFICATIONS FOR THE INSPECTION AGENTS

SE	STRUCTURAL ENGINEER - A LICENSED SE OR PE SPECIALIZING IN THE DESIGN OF BUILDING STRUCTURES AND REGISTERED IN THE STATE OF THE PROJECT
GE	GEOTECHNICAL ENGINEER - A LICENSED PE SPECIALIZING IN SOIL MECHANICS AND FOUNDATIONS AND REGISTERED IN THE STATE OF THE PROJECT
ET	ENGINEERING TRAINING - A GRADUATE ENGINEER WHO HAS PASSED THE FUNDAMENTALS OF PROFESSIONAL EXAMINATION
ACI	AMERICAN CONCRETE INSTITUTE - GRADE I CERTIFIED CONCRETE FIELD TESTING TECHNICIAN
CWI	AMERICAN WELDING SOCIETY - CERTIFIED WELDING INSPECTOR
SCWI	AMERICAN WELDING SOCIETY - SENIOR CERTIFIED WELDING INSPECTOR
CAMI	AMERICAN WELDING SOCIETY - CERTIFIED ASSOCIATE WELDING INSPECTOR
ASNT	AMERICAN SOCIETY OF NON-DESTRUCTIVE TESTING - LEVEL II OR III
SM-SI	STRUCTURAL MASONRY SPECIAL INSPECTOR - CERTIFIED BY ICBO
SW-SI	STRUCTURAL STEEL AND WELDING SPECIAL INSPECTOR
SP-SI	SPRAY-APPLIED FIREPROOFING SPECIAL INSPECTOR
PCS-I	PRESTRESSED CONCRETE SPECIAL INSPECTOR
RCS-I	REINFORCED CONCRETE SPECIAL INSPECTOR

SPECIAL INSPECTION GENERAL NOTES  
2009 INTERNATIONAL BUILDING CODE

- THE SPECIAL INSPECTING AGENCY FOR THIS SCOPE OF WORK SHALL:
1. PROVIDE CERTIFICATES OF QUALIFICATION FOR TESTING PERSONNEL
  2. ACCORDANCE WITH THE SCHEDULE ABOVE
  3. REPORTING ON A MONTHLY BASIS - THE REPORTS SHALL CONTAIN THE FOLLOWING INFORMATION AS A MINIMUM:
    - a. NAME OF INSPECTION AGENCY
    - b. NAME OF INSPECTOR
    - c. DATE OF INSPECTION
    - d. DETAILS OF TESTS INSPECTED SHALL BE CLEARLY IDENTIFIED
    - e. RESOLUTION TO CURRENT AND PRIOR DEFICIENCIES SHALL BE CLEARLY IDENTIFIED
  4. PROVIDE AGENTS FINAL REPORT INDICATING THAT ALL TESTING HAS BEEN COMPLETED WITH A COMPLETE LIST OF OUTSTANDING DISCREPANCIES
  5. PROVIDE DISCREPANCIES
  6. DISCREPANCY CATEGORY ARE IDENTIFIED AS FOLLOWS:
    - 1) DISCREPANCY CATEGORY I - DISCREPANCIES THAT REPRESENT A LOW RISK TO LIFE AND PROPERTY
    - 2) DISCREPANCY CATEGORY II - DISCREPANCIES THAT REPRESENT A MODERATE RISK TO LIFE AND PROPERTY
    - 3) DISCREPANCY CATEGORY III - DISCREPANCIES THAT REPRESENT A HIGH RISK TO LIFE AND PROPERTY
    - 4) DISCREPANCY CATEGORY IV - DISCREPANCIES THAT REPRESENT A SEVERE RISK TO LIFE AND PROPERTY

INSPECTION OF FABRICATORS (IBC REFERENCE 1704.2)

- WHERE FABRICATION OF STRUCTURAL LOAD-BEARING MEMBERS AND ASSEMBLIES IS BEING PERFORMED ON THE PREMISES OF A FABRICATOR, THE SPECIAL INSPECTION AND AS REQUIRED ELSEWHERE IN THIS CODE:
1. THE SPECIAL INSPECTOR SHALL VERIFY THAT THE FABRICATOR MAINTAINS A BASIS FOR INSPECTION CONTROL OF THE WORKMANSHIP AND THE FABRICATOR SHALL BE SUBJECT TO THE SPECIAL INSPECTION AND AS REQUIRED ELSEWHERE IN THIS CODE
  2. FABRICATORS SHALL SUBMIT A CERTIFICATE OF COMPLIANCE TO THE BUILDING DEPARTMENT THAT THE WORK WAS PERFORMED IN ACCORDANCE WITH THE APPROVED CONSTRUCTION DOCUMENTS

CONTRACTOR RESPONSIBILITY (IBC REFERENCE 1709)

- THE CONTRACTOR:
- A. OR SUB-CONTRACTOR RESPONSIBLE FOR WORK ON BEARING OR WIND RESISTING SYSTEM SHALL PROVIDE A WRITTEN NOTICE OF RESPONSIBILITY TO THE BUILDING DEPARTMENT AND OWNER CONTAINING THE FOLLOWING:
    - 1. ACKNOWLEDGEMENT OF SPECIAL INSPECTION REQUIREMENTS
    - 2. ACKNOWLEDGEMENT OF SPECIAL INSPECTION DISTRIBUTION DOCUMENTS
    - 3. IDENTIFY PERSON WITHIN FIRM RESPONSIBLE FOR SPECIAL INSPECTION REPORT DISTRIBUTION INCLUDING CONTACT INFORMATION
  - B. SHALL PROVIDE ADEQUATE NOTICE FOR SPECIAL INSPECTION AGENT TO COMPLETE THEIR INSPECTION PRIOR TO WORK BEING COVERED
  - C. SHALL REQUIRE THAT SUBCONTRACTORS COMPLETE THEIR WORK SO THAT THE SPECIAL INSPECTOR CAN COMPLETELY CHECK A GIVEN AREA WITHOUT HAVING TO DOUBLE CHECK LATER

SCHEDULE OF SPECIAL INSPECTIONS  
STRUCTURAL STEEL (IBC REFERENCE 1704.3)

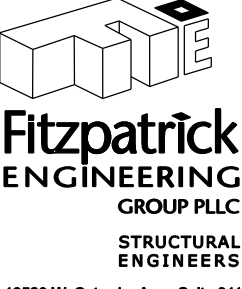
VERIFICATION AND INSPECTION	FREQUENCY	REFERENCED STANDARDS	AGENT
1. MATERIAL VERIFICATION OF HIGH-STRENGTH BOLTS, NUTS AND WASHERS	PERIODIC	ASCE 360.0 SECT. A3.3	
2. IDENTIFICATION MARKINGS TO CONFORM TO ASTM STANDARDS IN THESE DRAWINGS	PERIODIC	ASTM SPECS	
3. INSPECTION OF HIGH-STRENGTH BOLTING: <ul style="list-style-type: none"><li>a. BEARING TYPE CONNECTIONS</li></ul>	PERIODIC	ASCE 360.0 SECT. 1704.3.3	
4. SUPERCRITICAL CONNECTIONS <ul style="list-style-type: none"><li>a. TURN-OF-THE-NUT WITH MATCH-MARKING, DIRECT TENSION INDICATOR</li></ul>	PERIODIC	ASCE 360.0 SECT. 1704.3.3	
5. CALIBRATED WRENCH TURN-OF-THE-NUT WITHOUT MATCH-MARKING	CONTINUOUS		SW-SI
6. MATERIAL VERIFICATION OF STRUCTURAL STEEL AND DECK: <ul style="list-style-type: none"><li>a. IDENTIFICATION MARKINGS TO CONFORM TO ASTM STANDARDS</li><li>b. OTHER STEEL WITH MARKINGS CONFORMING TO ASTM STANDARDS</li><li>c. MANUFACTURERS CERTIFIED MILL TEST REPORTS REQUIRED</li></ul>		ASCE 360.0 SECT. A3.5	
7. MATERIAL VERIFICATION OF WELD FILLER MATERIALS: <ul style="list-style-type: none"><li>a. IDENTIFICATION MARKINGS TO CONFORM TO AWS SPECIFICATIONS IN THESE DRAWINGS</li><li>b. MANUFACTURERS CERTIFIED MILL TEST REPORTS REQUIRED</li></ul>		ASCE 360.0 SECT. A3.5	
8. INSPECTION OF WELDING: <ul style="list-style-type: none"><li>1) COMPLETE AND PARTIAL PENETRATION GROOVE WELDS</li></ul>	CONTINUOUS	AWS D11	CWI
9. MULTIPASS FILLET WELDS	CONTINUOUS	AWS D11	CWI
10. SINGLE-PASS FILLET WELDS - 5/16"	CONTINUOUS	AWS D11	CWI
11. PLUG AND SLOT WELDS	CONTINUOUS	AWS D11	CWI
12. SINGLE-PASS FILLER WELDS - 5/16" - SEE NOTE 1 BELOW	PERIODIC	AWS D11	CWI
13. FLOOR AND DECK WELDS - SEE NOTE 1 BELOW	PERIODIC	AWS D11.3	CWI
14. REINFORCING STEEL - NOT ALLOWED ON THIS PROJECT			
15. INSPECTION OF STEEL FRAME JOINT DETAILS FOR COMPLIANCE WITH THESE DRAWINGS: <ul style="list-style-type: none"><li>a. DETAILS SUCH AS BRACING AND STIFFENING</li><li>b. MEMBER LOCATIONS</li><li>c. APPLICATION OF JOINT DETAILS AT EACH CONNECTION</li></ul>	PERIODIC	IBC 1704.3.2	

- NOTES:
1. PROVIDE VISUAL INSPECTION OF ALL WELDS
  2. SEE SCHEDULE OF QUALIFICATIONS OF SPECIAL INSPECTORS FOR DESIGNATIONS
  3. SEE SPECIAL INTERMEDIATE MOMENT RESISTING FRAME TESTING SCHEDULE, IF RBS MOMENT CONNECTIONS ARE REQUIRED FOR THIS PROJECT

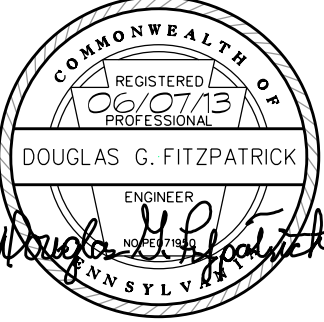
1  
S900

SPECIAL INSPECTION NOTES  
NO SCALE

CONSULTANTS:



**Fitzpatrick**  
ENGINEERING  
GROUP, LLC



REGISTERED  
06/07/13  
DOUGLAS G. FITZPATRICK  
DESIGNER  
STRUCTURAL  
ENGINEERS

100% DESIGN DEVELOPMENT SUBMISSION

05/03/2013

Revisions #

Description

Date

ARCHITECT/ENGINEER:

PROJECT NUMBER: 2010.056.00

CAD FILE:

COPYRIGHT WEBER MURPHY FOX INC. 2013

Drawing Title:

SPECIAL INSPECTION NOTES

Approved/Project Director:

Project Title

VAPHS OPERATING ROOM  
EXPANSION

Location

(UD) UNIVERSITY DRIVE DIVISION  
PITTSBURGH, PA 15240

Date

06/10/13

Checked

TAA/DGF

Drawn

SRG

Project Number

646-09-131

Building Number


ONE

Drawing Number

S900

5 Dwg of 5

Office of  
Construction  
and Facilities  
Management

 Department of  
Veterans Affairs

SHEET NO. 10 OF 10