

Missouri
11816 Lackland Road
Suite 150
St. Louis, MO 63146
Phone: (314) 997-7440

Client:
Webster University
P.O. 191076
St. Louis, MO 63119-7076

Project:
J008367.12
Webster ISB
8274 Big Bend Blvd
Webster Groves, MO 63119

Activity Number: 1
Date: 05/17/2016
Technician: Coleman, Thomas
Weather: Indoors
Location: Paric trailer
Temperature (°F): 74
Contractor: Paric
Subcontractor: KCI

Project Time Record

Arrive Time	Depart Time	Travel Time	Lab/Office Time	Total Time
07:30	09:00	0.50	0.00	2.00

Work Completed Description

Task: 9900-Project Management and Administrati

Work Completed Description:

I attended (30 minutes late) a pre-construction meeting for drilled piers. We discussed schedule, scope, reporting, etc.

Report Reviewed With: Steve Ray of Paric, in person

Determination: See Description

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Webster ISB
8274 Big Bend Blvd
Webster Groves, MO 63119

Activity Number: 1
Date: 05/17/2016
Technician: Coleman, Thomas
Weather: Indoors
Location: Paric trailer
Temperature (°F): 74
Contractor: Paric
Subcontractor: KCI

Project Time Record

Arrive Time	Depart Time	Travel Time	Lab/Office Time	Total Time
07:30	09:00	0.50	0.00	2.00

Work Completed Description

Task: 9900-Project Management and Administration

Work Completed Description:

I attended (30 minutes late) a pre-construction meeting for drilled piers. We discussed schedule, scope, reporting, etc.

Report Reviewed With: Steve Ray of Paric, in person

Determination: See Description

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Activity Number: 2

Date: 05/20/2016

Technician: Coleman, Thomas

Weather: Indoors

Location: Paric trailer

Temperature (°F): 72

Contractor: Paric

Subcontractor: City Design

Project Time Record				
Arrive Time	Depart Time	Travel Time	Lab/Office Time	Total Time
07:00	07:30	0.50	0.00	1.00

Work Completed Description				
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Task: 9900-Project Management and Administrati

Work Completed Description: I attended site specific training and met with potential field staff to discuss logistics and approach.

Report Reviewed With: Steve Ray of Paric, in person

Determination: See Description

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Webster Groves, MO 63119

Activity Number: 125 **Date:** 06/28/2017
Technician: Clemons, Russel **Weather:** Clear
Location: All pavement north of the double doors. **Temperature (°F):** 89

Project Time Record				
Arrive Time	Depart Time	Travel Time	Lab/Office Time	Total Time
14:45	15:45	0.50	0.50	2.00

Work Completed Description

Task: 7310-Soils Testing - Field**Work Completed Description:**

Performed compaction tests on base rock for paved drive from the double door entry northward. 2 tests were taken and the results indicate satisfactory compaction.

Report Reviewed With: Devin Gates**Determination:** In General Conformance

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8274 Big Bend Blvd
Webster Groves, MO 63119**Activity Number:** 124**Date:** 07/05/2017**Technician:** Clemons, Russel**Weather:** Clear**Location:** Northern 100' of paving.**Temperature (°F):** 82**Project Time Record**

Arrive Time	Depart Time	Travel Time	Lab/Office Time	Total Time
12:15	12:30	0.50	0.25	1.00

Work Completed Description**Task:** 7310-Soils Testing - Field**Work Completed Description:** No work performed. Contractor not ready for compaction testing.**Report Reviewed With:** Not applicable**Determination:** Work In Progress

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Webster ISB
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Webster Groves, MO 63119

Activity Number: 17

Date: 08/08/2016

Technician: Coleman, Thomas

Weather: Indoors

Location: Paric trailer

Temperature (°F): 72

Contractor: Paric

Subcontractor: City Design Group

Project Time Record				
Arrive Time	Depart Time	Travel Time	Lab/Office Time	Total Time
10:00	10:30	1.00	1.00	2.50

Work Completed Description	
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Task: 9900-Project Management and Administrati

Work Completed Description:

Met on site with Steve Ray, Jason Szachnieski, and Devin Gates of Paric, Craig Miller of Webster University and Mark Arnold and David Sirois of City Design to discuss reporting procedures and thoroughness. Separate folders on Data Start for: reinforcing steel, concrete, daily field reports, structural steel shop inspections, structural steel field inspections, etc.

Report Reviewed With: Steve Ray of Paric, in person

Determination: See Description

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Project:
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Activity Number: 15 **Date:** 08/01/2016
Technician: Romo, Ricardo **Weather:** Indoors
Location: Seq 2 **Temperature (°F):** 86
Contractor: Paric **Subcontractor:** Atlas
Field or Fab Shop: Fabrication Shop

Project Time Record

Arrive Time	Depart Time	Travel Time	Lab/Office Time	Total Time
11:45	14:30	1.00	0.50	4.25

Work Completed Description

Task: 7410-Steel Testing - Field

Description: Observed shop-welded fillet welds securing structural steel sub component to structural steel framing.

Quality Acceptance Criteria: AWS D1.1 Table 6.1

Reviewed with: Dave with Atlas, in person

Determination: In General Conformance

Work Completed Description

Task: 7410-Steel Testing - Field

Description: The following beams were found in progress 261A, 260A, 269A 262A

Reviewed with: Dave with Atlas

Determination: Work In Progress

Weldment Observation

Required Compliance Standards	Location	Drawing Detail #	Electrode	NDT Methods	Weld Method	Weld Type
AWS D1.1	Piece 205, 207	Atlas sheets	E70Txx	Visual Testing (VT)	FCAW	Fillet
AISC	Copes 225c			Visual Testing		



Structural Steel 8-01-16

Report #: 008-000013
Activity #15

Report Date: 8/17/2016

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				(VT)		
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Activity Number: 4 **Date:** 06/01/2016
Technician: Romo, Ricardo **Weather:** Indoors
Location: Fabrication Shop **Temperature (°F):** 75
Contractor: Paric **Subcontractor:** Atlas Iron works
Field or Fab Shop: Fabrication Shop

Project Time Record

Arrive Time	Depart Time	Travel Time	Lab/Office Time	Total Time
11:00	12:00	1.00	0.25	2.25

Work Completed Description

Task: 7410-Steel Testing - Field

Description: Coordinated with Atlas Iron fabrication facility for shop inspections of structural steel members.

Quality Acceptance Criteria: AWS

Reviewed with: Guy Don Carlos of Atlas Iron, in person

Determination: See Description

Activity Number: 5 **Date:** 06/01/2016
Technician: Hicks, Brad **Weather:** Indoors
Location: Fabrication Facility **Temperature (°F):** 85
Contractor: Atlas Iron works **Subcontractor:**
Field or Fab Shop: Fabrication Shop

Project Time Record

Arrive Time	Depart Time	Travel Time	Lab/Office Time	Total Time
09:00	10:00	1.00	0.00	2

Work Completed Description

Task: 7410-Steel Testing - Field

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Project:
J008367.12
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Description: Geotechnology arrived at Atlas Iron Fabrication facility to introduce our inspectors to Atlas Iron.

Reviewed with: Guy Don Carlos of Atlas Iron, in person

Determination: See Description

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Project:
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Activity Number: 6 **Date:** 06/28/2016
Technician: Romo, Ricardo **Weather:** Indoors
Location: Embed **Temperature (°F):** 82
Contractor: Paric **Subcontractor:** Atlas Iron Works
Field or Fab Shop: Fabrication Shop

Project Time Record

Arrive Time	Depart Time	Travel Time	Lab/Office Time	Total Time
07:30	09:30	1.00	0.50	3.5

Work Completed Description

Task: 7410-Steel Testing - Field

Description:

Geotechnology hammer tested and visually observed studs. Geotechnology observed stud size, plate thickness, and angle thickness. Shop installed shear connectors stud welded to embed plates and angle.

Quality Acceptance Criteria: AWS Clause 7

Reviewed with: Dave of Atlas Iron Works, in person

Determination: In General Conformance

Weldment Observation

Required Compliance Standards	Location	Drawing Detail #	Electrode	NDT Methods	Weld Method	Weld Type
AWS D1.1	Part numbers 1A x23, 1B x14, 5D x2, 6F, 7D, 7H, 6D, 6C, 5B, 5C, 5A, 7F, 6A, 7B, 7A, 7C, 4D, 2B x2, 3D, 2A, and 3B	Atlas Iron Works Sheets 1, 2, 3, 4, 5, 6, and 7	E70Txx and Stud welded.	Visual Testing (VT)	FCAW	Fillet

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Activity Number: 3 **Date:** 06/17/2016
Technician: Hicks, Brad **Weather:** Indoor
Location: Embeds **Temperature (°F):** 90
Contractor: Atlas Iron Works **Subcontractor:**
Field or Fab Shop: Fabrication Shop

Project Time Record

Arrive Time	Depart Time	Travel Time	Lab/Office Time	Total Time
13:00	14:00	1.00	0.00	2

Work Completed Description

Task: 7410-Steel Testing - Field

Description: Visually observed and hammer tested for soundness shear connectors stud or fillet welded to embed plates and angles

Pre-Examination - Surface Condition: Acceptable

Quality Acceptance Criteria: AWS

Reviewed with: Dave Happy of Atlas, in person

Determination: As Specified

Weldment Observation

Required Compliance Standards	Location	Drawing Detail #	Electrode	NDT Methods	Weld Method	Weld Type
AWS D1.1	Shop fabricated embeds. 11) 1B, 1) 1A, 1) 8A and 1) 8B	Fabrication sheets 1 and 8	E71T-1	Visual Testing (VT)	FCAW	

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Activity Number: 7

Date: 06/30/2016

Technician: Romo, Ricardo

Weather: Indoor

Location: Seq 1

Temperature (°F): 68

Contractor: Paric

Subcontractor: Atlas Iron Works

Field or Fab Shop: Fabrication Shop

Project Time Record

Arrive Time	Depart Time	Travel Time	Lab/Office Time	Total Time
13:30	15:00	1.00	0.00	2.5

Work Completed Description

Task: 7410-Steel Testing - Field

Description:

Geotechnology was on site and requested WPS, welder certifications, and blueprints for sequence one. Geotechnology was on site and observed cope on beams.

Quality Acceptance Criteria: AISC

Reviewed with: Dave with Atlas

Determination: In General Conformance

Weldment Observation

Required Compliance Standards	Location	Drawing Detail #	Electrode	NDT Methods	Weld Method	Weld Type
	117A, 110B, 108C, 128A, 129A	117, 110, 128, 129		Visual Testing (VT)		

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Activity Number: 8 **Date:** 07/06/2016
Technician: Romo, Ricardo **Weather:** Indoors
Location: Fabrication Shop **Temperature (°F):** 85
Contractor: Paric **Subcontractor:** Atlas
Field or Fab Shop: Fabrication Shop

Project Time Record

Arrive Time	Depart Time	Travel Time	Lab/Office Time	Total Time
08:00	10:00	1.00	0.50	3.5

Work Completed Description

Task: 7410-Steel Testing - Field

Description: Observed shop-welded fillet welds securing structural steel members. The listed members were in process.

Quality Acceptance Criteria: AWS D1.1 Section 4, 5, and 6

Reviewed with: Dave with Atlas

Determination: Not Yet Complete

Weldment Observation

Required Compliance Standards	Location	Drawing Detail #	Electrode	NDT Methods	Weld Method	Weld Type
AWS D1.1	Column 102A, 103A, 104A, 105A, and 106A	Atlas Sheet 102, 103, 104, 105, and 106	E70txx	Visual Testing (VT)	SMAW	Fillet

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Project:
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Activity Number: 9 **Date:** 07/12/2016
Technician: Romo, Ricardo **Weather:** Indoor
Location: sequence 1 **Temperature (°F):** 72
Contractor: Paric **Subcontractor:** Atlas
Field or Fab Shop: Project Site

Project Time Record

Arrive Time	Depart Time	Travel Time	Lab/Office Time	Total Time
07:00	11:00	1.00	0.00	5

Work Completed Description

Task: 7410-Steel Testing - Field

Description:

Geotechnology was on site and performed visual observation of shop welded fillet welds securing sub components to structural steel members.

Quality Acceptance Criteria: AWS Clause 4,5,6

Reviewed with: Dave with Atlas

Determination: In General Conformance

Weldment Observation

Required Compliance Standards	Location	Drawing Detail #	Electrode	NDT Methods	Weld Method	Weld Type
AWS D1.1	Piece: 114A 113A 108A 127A 123A 127B 105A 107A 112C 114B 131A	Atlas Ironworks Sheets	E70txx		FCAW	Fillet

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Project:
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Activity Number: 10

Date: 07/15/2016

Technician: Romo, Ricardo

Weather: Indoor

Location: sequence 1

Temperature (°F): 80

Contractor: Paric

Subcontractor: Atlas

Field or Fab Shop: Fabrication Shop

Project Time Record

Arrive Time	Depart Time	Travel Time	Lab/Office Time	Total Time
07:30	10:00	1.00	0.50	4

Work Completed Description

Task: 7410-Steel Testing - Field

Description:

Geotechnology hammer tested and visually observed studs. Geotechnology observed stud size, plate thickness, and angle thickness. Shop installed shear connectors stud welded to embed plates and angle.

Quality Acceptance Criteria: AWS D1.1 Clause 7

Reviewed with: Dave with Atlas

Determination: In General Conformance

Work Completed Description

Task: 7410-Steel Testing - Field

Description: Shop-welded fillet welds securing structural steel sub-components to structural steel members were observed.

Quality Acceptance Criteria: AWS D1.1 Table 6.1

Reviewed with: Dave with Atlas

Determination: In General Conformance

Weldment Observation

Required Compliance Standards	Location	Drawing Detail #	Electrode	NDT Methods	Weld Method	Weld Type

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J008367.12
Webster ISB
8274 Big Bend Blvd
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AWS D1.1	Piece number; 1A x15, 1B x8, 1C x3 , 1D x4 8C x2, 2cC x3, 8D, 4A, 3C, 1H	Atlas Sheets	Stud welded and E70TXX	Visual Testing (VT)	FCAW	Fillet
AWS D1.1	Piece number: 106A, 135A, 135B, and 104A	Atlas Sheets	E70Txx	Visual Testing (VT)	FCAW	Fillet

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Activity Number: 11

Date: 07/21/2016

Technician: Romo, Ricardo

Weather: Indoor

Location: Sequence 1 and 2

Temperature (°F): 80

Contractor: Paric

Subcontractor: Atlas Iron Works

Field or Fab Shop: Fabrication Shop

Project Time Record

Arrive Time	Depart Time	Travel Time	Lab/Office Time	Total Time
08:15	10:45	1.00	0.50	4

Work Completed Description

Task: 7410-Steel Testing - Field

Description: Shop-welded CJP welds securing structural steel sub components to structural steel members were observed.

Quality Acceptance Criteria: AWS D1.1 Table 6.1

Reviewed with: Dave with Atlas

Determination: In General Conformance

Work Completed Description

Task: 7410-Steel Testing - Field

Description: Geotechnology was on site and observed shop coped beams and thermal cut edges on structural steel members.

Pre-Examination - Surface Condition:

Two copes on piece 241C and 243B were in need of repair. Atlas ground the unacceptable edges.

Quality Acceptance Criteria: AISC

Reviewed with: Dave with Atlas

Determination: In General Conformance

Work Completed Description

Task: 7410-Steel Testing - Field

Description: Shop-welded fillet welds securing structural steel sub components to structural steel members were observed.

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 8274 Big Bend Blvd
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Quality Acceptance Criteria: AWS D1.1 Table 6.1

Reviewed with: Dave with Atlas

Determination: In General Conformance

Weldment Observation						
Required Compliance Standards	Location	Drawing Detail #	Electrode	NDT Methods	Weld Method	Weld Type
AWS D1.1	Piece number: 242A TO b242 x2, 242B to e242, and 242C to g242,	Atlas Sheet 242	E70Txx	Magnetic Particle Testing (MT) / Visual Testing (VT)	FCAW	CJP Bevel-groove
AWS D1.1	Piece: 103A, 113A, and 115B	Atlas 103, 113, 115	E70txx	Visual Testing (VT)	FCAW	Fillet
AISC	Piece: 241C, 218A, 217A, 241A, 241B, 251A, 254A, 241C x3, 243B, 241C, and 243B	Atlas Sheets	Copes and thermal cutting edge observed	Visual Testing (VT)		

NDT Testing Equipment			
NDT Equipment	Make/Model/Description	Serial Number	MT Testing Method
Magnetic Particle (MT) Yoke	Park Research D400	160214	Dry / Visible / Yoke

NDT Test Results				
Transducer Wedge Angle	Pass ID	Weld/Part Identification/Description	Detail #	NDT Methods
	Cap	242A to b242 x2, 242B to e242, and 242C to g242.	Atlas Sheet Details	Magnetic Particle (MT) Testing / Visual Testing (VT)

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Project:
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Webster Groves, MO 63119

Activity Number: 12 **Date:** 07/22/2016

Technician: Romo, Ricardo **Weather:** Indoor

Location: Sequence 2 **Temperature (°F):** 87

Contractor: Paric **Subcontractor:** Atlas

Field or Fab Shop: Fabrication Shop

Project Time Record

Arrive Time	Depart Time	Travel Time	Lab/Office Time	Total Time
10:15	12:00	1.00	0.50	3.25

Work Completed Description

Task: 7410-Steel Testing - Field

Description: Shop-welded fillet welds securing subcomponents to structural steel members were observed.

Quality Acceptance Criteria: AWS D1.1 Table 6.1

Reviewed with: Dave with Atlas

Determination: In General Conformance

Weldment Observation

Required Compliance Standards	Location	Drawing Detail #	Electrode	NDT Methods	Weld Method	Weld Type
AWS D1.1	Piece: 226A, 250B, 221B, 221A, 275A, 276A, 275A, 275B, and 273A	Atlas Sheets	E70Txx	Visual Testing (VT)	FCAW	Fillet

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Project:
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Activity Number: 13 **Date:** 07/26/2016
Technician: Romo, Ricardo **Weather:** Indoor
Location: Sequence 2 **Temperature (°F):** 84
Contractor: Paric **Subcontractor:** Atlas
Field or Fab Shop: Fabrication Shop

Project Time Record

Arrive Time	Depart Time	Travel Time	Lab/Office Time	Total Time
07:30	10:30	1.00	0.75	4.75

Work Completed Description

Task: 7410-Steel Testing - Field

Description: Shop-welded fillet welds securing subcomponents to structural steel members were observed.

Quality Acceptance Criteria: AWS D1.1 Table 6.1

Reviewed with: Dave with Atlas

Determination: In General Conformance

Work Completed Description

Task: 7410-Steel Testing - Field

Description:

Geotechnology was on site to observed structural steel members in progress. The following members were found in progress with structural steel sub components installed: 214A 215A 212A 205A 267A. Geotechnology observed fit up gaps.

Quality Acceptance Criteria: AWS D1.1 Clause 5

Reviewed with: Dave with Atlas

Determination: Work In Progress

Weldment Observation

Required Compliance Standards	Location	Drawing Detail #	Electrode	NDT Methods	Weld Method	Weld Type



Structural Steel Obsv 7-26-16

Report #: 008-000011
Activity #13
Report Date: 8/2/2016

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Webster ISB
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AWS D1.1	Piece: 210A and 268B	Atlas Sheets	E70 Txx	Visual Testing (VT)	FCAW	Fillet
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Webster ISB
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Activity Number: 14

Date: 07/29/2016

Technician: Romo, Ricardo

Weather: Indoor

Location: Sequence 2

Temperature (°F): 75

Contractor: Paric

Subcontractor: Atlas

Field or Fab Shop: Fabrication Shop

Project Time Record

Arrive Time	Depart Time	Travel Time	Lab/Office Time	Total Time
07:00	10:00	1.00	0.50	4.5

Work Completed Description

Task: 7410-Steel Testing - Field

Description: Shop-welded fillet welds securing structural steel sub components to structural steel members were observed.

Quality Acceptance Criteria: AWS D1.1 Table 6.1

Reviewed with: Dave with Atlas

Determination: In General Conformance

Weldment Observation

Required Compliance Standards	Location	Drawing Detail #	Electrode	NDT Methods	Weld Method	Weld Type
AWS D1.1	Piece: 232A, 216A, 210A, 268A, 211A, 267B, 233A, and 215A	Atlas Sheets	E70Txx	Visual Testing (VT)	FCAW	Fillet

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Project:
J008367.12
Webster ISB
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Webster Groves, MO 63119

Activity Number: 21

Date: 09/07/2016

Technician: Romo, Ricardo

Weather: Sunny

Location: Seq 2

Temperature (°F): 94

Contractor: Paric

Subcontractor: Big Boy

Field or Fab Shop: Project Site

Project Time Record				
Arrive Time	Depart Time	Travel Time	Lab/Office Time	Total Time
13:00	14:00	1.00	0.00	2

Work Completed Description	
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Task: 7410-Steel Testing - Field

Description: On site to review erection schedule. Observed north wall shear clips to embed welds in progress.

Reviewed with: Steve Ray of Paric, in person

Determination: Work In Progress

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Phone: (314) 997-7440

Client:
Webster University
P.O. 191076
St. Louis, MO 63119-7076

Project:
J008367.12
Webster ISB
8274 Big Bend Blvd
Webster Groves, MO 63119

Activity Number: 19 **Date:** 08/30/2016

Technician: Romo, Ricardo **Weather:** Sunny

Location: Level 1 **Temperature (°F):** 90

Contractor: Paric **Subcontractor:** Big boy

Field or Fab Shop: Project Site

Project Time Record

Arrive Time	Depart Time	Travel Time	Lab/Office Time	Total Time
11:00	13:00	1.00	0.75	3.75

Work Completed Description

Task: 7410-Steel Testing - Field

Description:

Observed field-installed shear connectors stud welded to structural steel framing. Studs were visually observed and hammer tested. The test was limited due to no access in some areas.

Quality Acceptance Criteria: AWS D1.1 Clause 7

Reviewed with: Steve Ray of Paric, in person

Determination: Work In Progress

Decking Observation

Required Compliance Standard	Location	Drawing Detail #	Electrode	Connection Type	Sidelap Connection
AWS D1.1	Level 1 foundation: column F to B.3 from 5 to 8	Atlas E1A	E	Puddle Welds / Stud Weld	Screws

Missouri
11816 Lackland Road
Suite 150
St. Louis, MO 63146
Phone: (314) 997-7440

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Project:
J008367.12
Webster ISB
8274 Big Bend Blvd
Webster Groves, MO 63119

Activity Number: 18 **Date:** 08/29/2016

Technician: Romo, Ricardo **Weather:** Sunny

Location: Infill **Temperature (°F):** 93

Contractor: Paric **Subcontractor:** Big Boy

Field or Fab Shop: Project Site

Project Time Record

Arrive Time	Depart Time	Travel Time	Lab/Office Time	Total Time
10:00	12:15	1.00	0.50	3.75

Work Completed Description

Task: 7410-Steel Testing - Field

Description: Observed field-weld fillet welds securing shear clips to embed plates, a spot check of 50% of the connections checked.

Quality Acceptance Criteria: AWS D1.1 Table 6.1

Reviewed with: Steve Ray of Paric, in person

Determination: In General Conformance

Work Completed Description

Task: 7410-Steel Testing - Field

Description: Observed field-installed ASTM TC and hex bolts securing structural steel members to structural steel framing.

Quality Acceptance Criteria: RCSC

Reviewed with: Steve Ray of Paric, in person

Determination: Discrepancy

Discrepancy Status: Closed

Discrepancy Description: Connection at D5, E7, and 7.9E.6 needs tensioned.

Resolution Technician: Romo, Ricardo **Resolution Date:** 08/31/2016

Resolution Description: Bolts were tensioned using turn of the nut method and shear gun.

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Project:
 J008367.12
 Webster ISB
 8274 Big Bend Blvd
 Webster Groves, MO 63119

Bolted Connection Observation

Bolted Connection Joint Type	Required Compliance Standard	Location	Drawing Detail #	Bolt Grade	Type of Bolts	Bolt Installation Method
	AISC	Level 1 foundation: column F to B.3 from 5 to 8	E1A	A325 / A490	Heavy Hex / Tension Control (HS) Bolts	Tension Control (Twist-off) / Turn-of-nut

Weldment Observation

Required Compliance Standards	Location	Drawing Detail #	Electrode	NDT Methods	Weld Method	Weld Type
AWS D1.1	Level 1 foundation: column F to B.3 from 5 to 8	Atlas Ea1	E7018	Visual Testing (VT)	SMAW	Fillet

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 Phone: (314) 997-7440

Client:
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Project:
 J008367.12
 Webster ISB
 8274 Big Bend Blvd
 Webster Groves, MO 63119

Activity Number: 20 **Date:** 08/31/2016
Technician: Romo, Ricardo **Weather:** Sunny
Location: Level 1 **Temperature (°F):** 88
Contractor: Paric **Subcontractor:** Big Boy
Field or Fab Shop: Project Site

Project Time Record

Arrive Time	Depart Time	Travel Time	Lab/Office Time	Total Time
13:00	16:00	1.00	0.75	4.75

Work Completed Description

Task: 7410-Steel Testing - Field

Description: Observed field-welded fillet welds securing HSS tube to gusset plates.

Quality Acceptance Criteria: AWS D1.1 Table 6.1

Reviewed with: Steve Ray of Paric, in person

Determination: In General Conformance

Work Completed Description

Task: 7410-Steel Testing - Field

Description: Observed field-installed shear connectors stud welded to structural steel framing.

Reviewed with: Steve Ray of Paric, in person

Determination: In General Conformance

Weldment Observation

Required Compliance Standards	Location	Drawing Detail #	Electrode	NDT Methods	Weld Method	Weld Type
AWS D1.1	Foundation to level 1 from 6D to 5D	Atlas E1B detail 2/E1C and 1 E1C	E7018	Visual Testing (VT)	SMAW	Fillet

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8274 Big Bend Blvd
Webster Groves, MO 63119

Decking Observation

Required Compliance Standard	Location	Drawing Detail #	Electrode	Connection Type	Sidelap Connection
AWS D1.1	Level 1 foundation: column F to B.3 from 5 to 8	Atlas EA1		Puddle Welds / Stud Weld	Screws

City Design Group Inc. Drilled Pier Report											
Pier Identification		V-3 (DP1)				Date Drilled:		May 24, 2016			
Drilling Contractor		Drilling Services		Operator and Rig #		Rob Pate #300					
Job Name:		Webster Univ. ISB		Job #:		13250		Client:		Geotechnology	
Diameter:		30"		Length		Variable 5' rock socket					
Design Information:		Top of Concrete Elevation:		536.25		Ground Elevation:		540.5			
		Bottom Elevation:		Variable		Length of Pier:		5' rock socket			
As Built Information:		Top of Concrete Elevation:		536.25		Ground Elevation:		540.5			
		Bottom Elevation:		517.25		Length of Pier:		19			
Start Time:		10:41 AM		Finish Time:		11:43 AM		Delays:			
Concrete Placed Date and Time:		5/24/16 2:00 PM		Supplier:		Western		Tested:		yes	
Slump:		5.25		Air:		3.2		Temp:		82	
Ambient air temp:		81		Mix Design ID:		50fndsr3					
Design Strength @ 28 Days:		5000		Admixtures added on site:		none					
Reinforcing Steel Checked:		yes		Vertical Bar Details:		7 #8 12' 6"					
Horizontal Tie Details:		# 4 @ 6" oc 10' length						Compliant:		yes	
Clearance :		Top:		Bottom:		9'		Sides:		3.5"	
Anchor Bolts Checked:		n/a		Anchor Bolt Details:							
Strata Information:											
		Surface:		Description:		Brown lean clay					
		Depth:		Description:							
		Auger or core:		auger							
0-13						Brown lean clay					
		Depth:		Description:							
		Auger or core:		auger							
13						brown lean clay with lime stone cobbles					
		Depth:		Description:							
		Auger or core:		core							
13.0 - 19.0						lime stone					
		Depth:		Description:							
		Auger or core:									
		Depth:		Description:							
		Auger or core:									
		Depth:		Description:							
		Auger or core:									
Rock Socket Information:		Depth:				Type:					
CDG Technician:		David Sirois				Date:		May 24, 2016			

City Design Group Inc. Drilled Pier Report											
Pier Identification		V-4.6 (DP1)				Date Drilled:		May 24, 2016			
Drilling Contractor		Drilling Services		Operator and Rig #		Rob Pate #300					
Job Name:		Webster Univ. ISB		Job #:		13250		Client:		Geotechnology	
Diameter:		30"		Length		Variable 5' rock socket					
Design Information:		Top of Concrete Elevation:		536.25		Ground Elevation:		540.5			
		Bottom Elevation:		Variable		Length of Pier:		5' rock socket			
As Built Information:		Top of Concrete Elevation:		536.25		Ground Elevation:		540.5			
		Bottom Elevation:		517.25		Length of Pier:		19			
Start Time:		8:06 AM		Finish Time:		9:35 AM		Delays:			
Concrete Placed Date and Time:		5/24/16 1:25 PM		Supplier:		Western		Tested:		yes	
Slump:		5.25		Air:		3.2		Temp:		82	
Ambient air temp:		81		Mix Design ID:		50fndsr3					
Design Strength @ 28 Days:		5000		Admixtures added on site:		none					
Reinforcing Steel Checked:		yes		Vertical Bar Details:		7 #8 12' 6"					
Horizontal Tie Details:		# 4 @ 6" oc 10' length						Compliant:		yes	
Clearance :		Top:		Bottom:		9'		Sides:		3.5"	
Anchor Bolts Checked:		n/a		Anchor Bolt Details:							
Strata Information:											
		Surface:		Description:		Brown lean clay					
		Depth:		Description:							
		Auger or core:		auger							
0-12.5						Brown lean clay					
		Depth:		Description:							
		Auger or core:		auger							
12.75						brown lean clay with lime stone cobbles					
		Depth:		Description:							
		Auger or core:		core							
12.75 - 19.0						lime stone					
		Depth:		Description:							
		Auger or core:									
		Depth:		Description:							
		Auger or core:									
		Depth:		Description:							
		Auger or core:									
Rock Socket Information:		Depth:				Type:					
CDG Technician:		David Sirois				Date:		May 24, 2016			