

Document 00910

ADDENDUM NO. 3

Date of Addendum: 8/3/16

PROJECT NAME: Sims North Wastewater Treatment Plant (WWTP) Waste and Debris Offloading and Disposal Station

PROJECT NO: WBS No. R-000265-0081-4

BID DATE: August 11, 2016 (Bid date has changed)

FROM: J. Timothy Lincoln, P.E., City Engineer  
City of Houston, Department of Public Works and Engineering  
611 Walker Street  
Houston, Texas 77002

Attn: Iraj M. Ranjbar, Project Manager

TO: Prospective Bidders

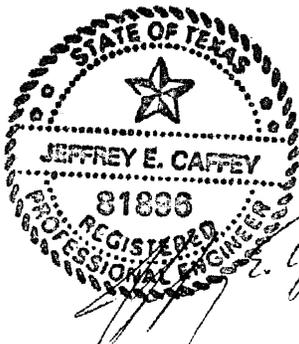
This Addendum forms a part of the Bidding Documents and will be incorporated into the Contract documents, as applicable. Insofar as the original Project Manual and Drawings are inconsistent, this Addendum governs.

#### CHANGE IN BID DATE

The Bid Date for this Project has been changed from August 4, 2016 to August 11, 2016.

Time of day and place for submittal of bid remains the same.

*This Addendum uses the change page method: remove and replace or add pages, or Drawing sheets, as directed in the change instructions below. Change bars ( | ) are provided in the outside margins of pages from the Project Manual to indicate where changes have been made; no change bars are provided in added Sections. Reissued Drawing Sheets show the Addendum number below the title block and changes in the Drawing are noted by a revision mark and enclosed in a revision cloud.*



00910-1  
08-02-2016

**ADDENDUM NO. 3**

CHANGES TO PROJECT MANUAL

CHANGES TO BIDDING FORMS

1. Document 00410B-Bid Form – Replace Document 00410B with revised attached Document 00410B.

CHANGES TO SPECIFICATIONS

2. Specifications, Section 15778 – Heat Tracing for Piping:  
Delete this section in its entirety.

CHANGES TO DRAWINGS

3. Sheet S-6 (Sheet No. 25 of 41) – Roof Framing Plan  
Replace this sheet in its entirety.
4. Sheet S-9 (Sheet No. 28 of 41) – Concrete Details:  
Replace this sheet in its entirety.
5. Sheet S-11 (Sheet No. 30 of 41) – Steel Details:  
Replace this sheet in its entirety.

END OF ADDENDUM NO. 3

DATED:   
Ravi Kaleyatodi, P.E., CPM  
Senior Assistant Director  
Department of Public Works and  
Engineering

RK:EN:IMR:LW:sdd

IMR  
R2

END OF DOCUMENT

Document 00410B

BID FORM – PART B

**1.0 TOTAL BID PRICE HAS BEEN CALCULATED BY BIDDER, USING THE FOLLOWING COMPONENT PRICES AND PROCESS (PRINT OR TYPE NUMERICAL AMOUNTS):**

**A. STIPULATED PRICE:**

**\$N/A**

(Total Bid Price; minus Base Unit Prices, Extra Unit Prices, Cash Allowances and All Alternates, if any)

**B. BASE UNIT PRICE TABLE:**

Item No.	Spec Ref.	Base Unit Item Description	Unit of Measure	Est. Qty	Unit Price (this column controls)	Total in Figures
1	01502	Mobilization	LS	1	\$80,000 <sup>(1)</sup>	\$80,000
2	01570	Straw Bale Barrier	LF	150		
3	01570	Filter Fabric Fence	LF	1650		
4	02260	Trench safety system for trench excavations	LF	250		
5	02220	Removing and Disposing of Existing Structures, Equipment and Materials; Debris Dewatering Station.	LS	1		
6	02221	Remove/Dispose Storm Pipe 24-inch dia.	LF	220		
7	02221	Remove/Dispose Inlets all sizes/depth	EA	1		
8	02221	Removing and Disposing of Concrete Pavements (including all thickness, w/ or w/o asphalt, including base & subgrade, w/ or w/o curb, all depths)	SY	130		
9	02951	Pave Repair/Replacement with Base Material/Conc. Surface	SY	130		
10	02336	Lime Stabilized Paving Subgrade 8-inch	SY	2500		
11	02751	Reinforced Concrete Pavement; 12 inch thick including dumpster area	SY	2500		
12	DIV 00-16	Pre-cast Concrete Trench Drain Basins with Galvanized Steel Grate rated HS20 loading	LF	40		
13	02771	6-inch Doweled Curb	LF	180		
14	02631	24-inch Diameter Storm Sewer by open cut	LF	460		
15	02631	6-inch Diameter PVC Storm Sewer by open cut	LF	40		

Item No.	Spec Ref.	Base Unit Item Description	Unit of Measure	Est. Qty	Unit Price (this column controls)	Total in Figures
16	02082	Type C manhole for 42-inch diameter and smaller sewers	EA	7		
17	02633	Type A, grate inlet (Pre Cast)	EA	2		
18	02633	Type E inlet (Pre Cast)	EA	2		
19	02633	Headwall including flared wings (Pre Cast)	EA	1		
20	02531	12 inch sanitary sewer, by open cut from Trench Drains to Lift Station Manhole	LF	350		
21	02531	8 inch sanitary sewer, by open cut for Debris Tile Drains to Trench Drains including cleanouts, penetrations, and appurtenances ready for operation	LF	350		
22	02531	4 inch sanitary sewer, by open cut for Debris Tile Drain risers including penetrations and appurtenances ready for operation	LF	170		
23	02082	4-Foot Diameter Precast Concrete Manholes for Sanitary Sewer	EA	4		
24	02082	Extra Depth, 4-foot dia. precast concrete manhole, sanitary sewer	VF	16		
25	02511	2 inch diameter PVC water line by open-cut. From wet connection to hose stations	LF	375		
26	02513	2-inch diameter wet connection	EA	2		
27	DIV 00-16	Galvanized Steel Dual Connection Hose Stations complete in place with all fittings, penetrations, valves, and appurtenances ready for operation	EA	4		
28	DIV 00-16	Hose racks complete in place with hose	EA	6		
29	DIV 00-16	Debris Station Structure complete in place including but not limited to, excavation and backfill, lime stabilized and compacted, structural fill, drilled shaft piers with pulled casings, and all reinforced structural concrete (not pavement) including truck ramps, dump bays and walls, filter floor and walls, splash containment wall and concrete stairs. This item includes rough grading	LS	1		
30	DIV 00-16	Waste and Debris Station equipment complete in place and operational including Dewatering Filter Tiles, Handrails, Dumpster Embed Plates and all remaining equipment, materials, and appurtenances not otherwise listed in other Bid Items complete in place and operational.	LS	1		

Item No.	Spec Ref.	Base Unit Item Description	Unit of Measure	Est. Qty	Unit Price (this column controls)	Total in Figures
31	DIV 00-16	Galvanized Steel Canopy with Columns, Steel Framing, Grout and Accessories complete in place with all appurtenances and operational.	LS	1		
32	13160	Dried Material Removal Tractor	LS	1		
33	DIV 00-16	Moveable Plastic Traffic Control Dividers	EA	12		
34	DIV 00-16	Storm Water Detention Pond including berm and rough grading complete in place.	LS	1		
35	02921	Hydromulch seeding including finish grading the site and topsoil	ACRE	1.25		
36	16111 16160 16161	Install a 60 A, 480V, 2-pole disconnect, 12 circuits 120/240 lighting panel, 15 KVA transformer at the New Debris Station, duct bank conduits and feeder wiring from Lift Station MCC and a new 40 A breaker in the MCC.	LS	1		
37	16510	New pole mounted LED light fixtures in yard area (6X6X25 concrete), including wire, conduit, and ductbank	EA	4		
38	16510	LED wall mounted fixtures around the exterior of the canopy including wiring conduits, and switches	EA	6		
39	16510	LED wall and ceiling mounted fixtures under the canopy including wiring conduits and switches	EA	17		
40	16170	Receptacles, grounding system, wiring, and miscellaneous electrical items	LS	1		
41	16111	Electrical equipment installations, testing, documentation, and warranty	LS	1		
<b>BASE UNIT PRICE TOTAL:</b>						\$ _____

**C. EXTRA UNIT PRICE TABLE:**

Item No.	Spec Ref.	Base Unit Item Description	Unit of Measure	Est. Qty	Unit Price (this column controls)	Total in Figures
42	02465	Extra depth of 30-inch diameter foundation piers, including all labor, materials, casing tools, and equipment for drilling and constructing, complete in place.	VLF	50	\$ 72.00 <sup>(2)</sup>	\$ 3,600.00 <sup>(2)</sup>
43	02465	Extra depth of 36-inch diameter foundation piers, including all labor, materials, casing tools, and equipment for drilling and constructing, complete in place.	VLF	25	\$ 106.00 <sup>(2)</sup>	\$ 2,650.00 <sup>(2)</sup>
44	02465	Extra depth of 48-inch diameter foundation piers, including all labor, materials, casing tools, and equipment for drilling and constructing, complete in place.	VLF	75	\$163.00 <sup>(2)</sup>	\$ 12,225.00 <sup>(2)</sup>
45	02465	Extra depth of 72-inch diameter foundation piers, including all labor, materials, casing tools, and equipment for drilling and constructing, complete in place.	VLF	25	\$ 240.00 <sup>(2)</sup>	\$ 6,000.00 <sup>(2)</sup>
46	02318	Excavate around obstructions	CY	100	\$ 8.00 <sup>(2)</sup>	\$ 800.00 <sup>(2)</sup>
47	02318	Extra placement of backfill	CY	100	\$ 12.00 <sup>(2)</sup>	\$1,200.00 <sup>(2)</sup>
48	02318	Extra placement of structural fill	CY	100	\$ 15.00 <sup>(2)</sup>	\$ 1,500.00 <sup>(2)</sup>
49	02751	Extra concrete pavement with stabilized subgrade	SY	20	\$ 100.00 <sup>(2)</sup>	\$ 2,000.00 <sup>(2)</sup>
50	03315	Extra Class "A" structural concrete installed in place with all reinforcing and form work	CY	5	\$ 830.00 <sup>(2)</sup>	\$ 4,150.00 <sup>(2)</sup>
<b>EXTRA UNIT PRICE TOTAL:</b>						<b>\$ 34,125.00 <sup>(2)</sup></b>

**D. CASH ALLOWANCE TABLE:**

Item No.	Spec Ref.	Cash Allowance Short Title	Cash Allowance in figures (1)
51	01110	Permits	\$ 15,000
<b>CASH ALLOWANCE TOTAL:</b>			<b>\$ 15,000</b>

**E. ALTERNATES TABLE: \$[N/A]**

00410B-4  
02-08-2016

Bidder's Initials [       ]  
ADDENDUM NO.3

**F. TOTAL BID PRICE:\$** \_\_\_\_\_

(Add Totals for Stipulated Price, Base Unit Price, Extra Unit Price, Cash Allowance, and All Alternates, if any)

**2.0 SIGNATURES:** By signing this Document, I agree that I have received and reviewed all Addenda and considered all costs associated with the Addenda in calculating the Total Bid Price.

Bidder: \_\_\_\_\_  
(Print or type full name of your proprietorship, partnership, corporation, or joint venture.\*)

**\*\*By:** \_\_\_\_\_  
Signature Date

Name: \_\_\_\_\_  
(Print or type name) Title

Address: \_\_\_\_\_  
(Mailing)  
\_\_\_\_\_  
(Street, if different)

Telephone and Fax Number: \_\_\_\_\_  
(Print or type numbers)

\* If Bid is a joint venture, add additional Bid Form signature sheets for each member of the joint venture.

\*\* Bidder certifies that the only person or parties interested in this offer as principals are those named above. Bidder has not directly or indirectly entered into any agreement, participated in any collusion, or otherwise taken any action in restraint of free competitive bidding.

Note: This document constitutes a government record, as defined by § 37.01 of the Texas Penal Code. Submission of a false government record is punishable as provided in § 37.10 of the Texas Penal Code.

Footnotes for Tables B through E:

(1) Fixed Unit Price determined prior to Bid. Cannot be adjusted by the Bidder.

(2) Minimum Bid Price determined prior to Bid. Can be increased by the Bidder, but not decreased, by crossing out the Minimum and inserting revised price on the line above. **Cannot** be decreased by the Bidder.

<b>Doc. No.</b>	<b>Document Title</b>	<b>Doc. Date</b>
03600	Structural Grout .....	06-28-2005

**DIVISION 4 – MORTAR (NOT USED)**

**DIVISION 5 - METALS**

05120	Structural Steel .....	03-31-2016
05501	METAL FABRICATIONS .....	01-01-2011
05520	Pipe Railing .....	06-28-2005

**DIVISION 6 - WOOD AND PLASTICS (NOT USED)**

**DIVISION 7 - THERMAL AND MOISTURE PROTECTION**

07610	Sheet Metal Roofing .....	06-28-2005
07921	Caulking and Sealants .....	06-28-2005

**DIVISION 8 - DOORS AND WINDOWS (NOT USED)**

**DIVISION 9 - FINISHES**

*09901S	Protective Coatings .....	12-06-2013
09901	PROTECTIVE COATINGS .....	01-01-2011

**DIVISION 10 – SPECIALTIES (NOT USED)**

**DIVISION 11 – EQUIPMENT (NOT USED)**

**DIVISION 12 – FURNISHINGS (NOT USED)**

**DIVISION 13 - SPECIAL CONSTRUCTION**

13160	Debris Dewatering Media System .....	07-01-2014
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**DIVISION 14 - CONVEYING SYSTEMS (NOT USED)**

**DIVISION 15 – MECHANICAL**

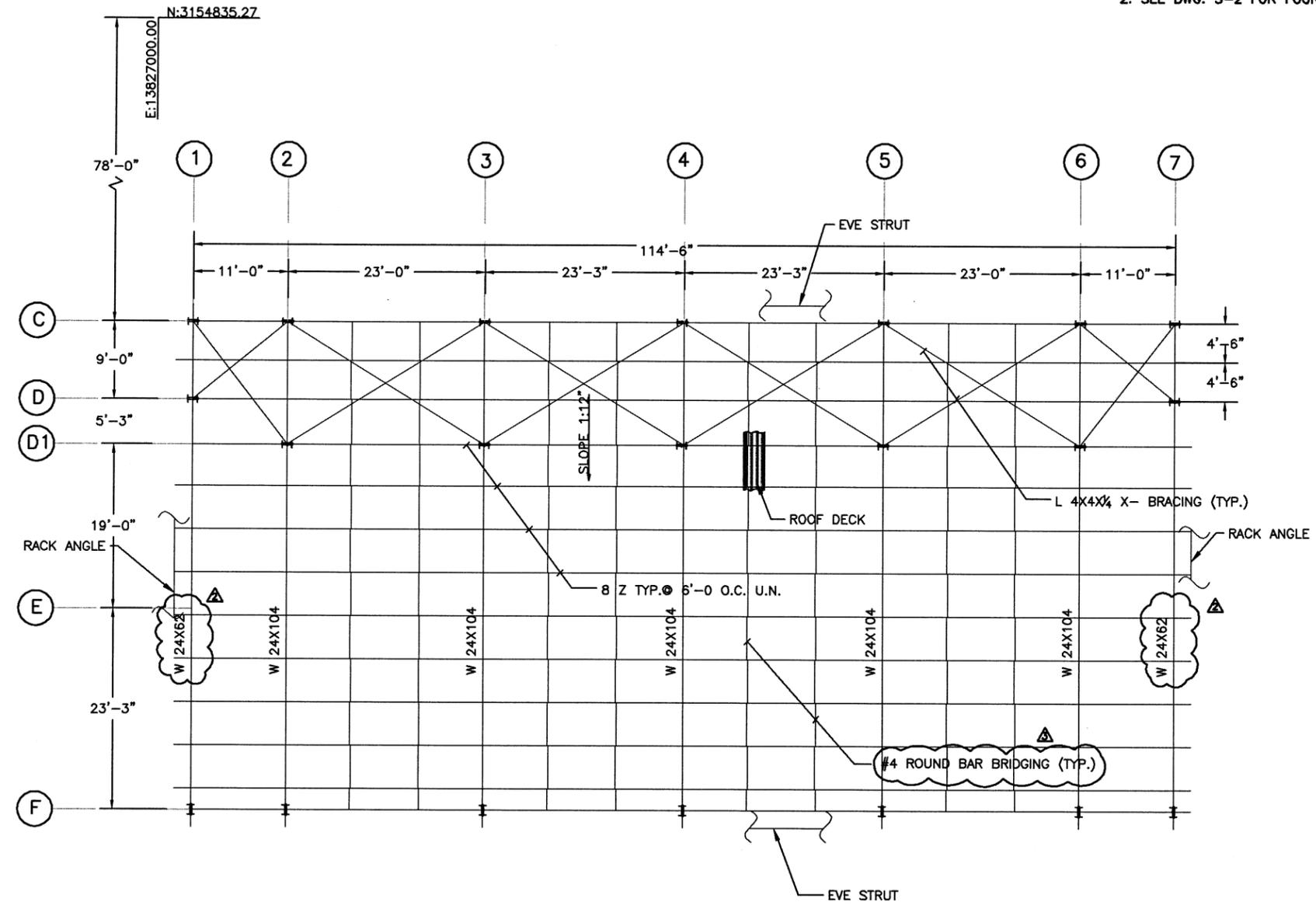
15030	Piping Systems, Polyvinyl Chloride (PVC) .....	07-01-2014
15050	Piping Systems, Galvanized Steel (GS) .....	07-01-2014
15060	Piping Systems, Hangers and Supports .....	07-01-2014
15100	Valves, Basic Requirements and Miscellaneous .....	07-01-2014
15180	Piping Insulation .....	03-31-2016
<del>15778</del>	<del>Heat Tracing for Piping .....</del>	<del>03-17-2015</del>

**DIVISION 16 – ELECTRICAL**

16010	Basic Electrical Requirements .....	10-10-2014
16060	Electrical Demolition .....	10-10-2014
16111	Conduit, Fittings, and Bodies .....	10-10-2014
16120	600-Volt Building Wire and Cable .....	10-10-2014



- NOTES:  
 1. SEE DWG. S-1 FOR GENERAL NOTES.  
 2. SEE DWG. S-2 FOR FOUNDATION NOTES.



**ROOF FRAMING PLAN**  
 SCALE 1/8"=1'-0"

NO.	DATE	REVISION	BY
8-3-16		ADDENDUM 3	RR
7-29-16		ADDENDUM 2	RR

APAI NO.: 1102-003-04 DRAWN BY:  
 ISSUE DATE: CHECKED BY:

TO ARRANGE FOR LINES TO BE TURNED OFF OR MOVED, CALL CENTERPOINT AT 713-207-2222.

NOTICE:  
 For your safety, you are required by Texas Law to call 811 at least 48 hours before you dig so that underground line can be marked. This verification does not fulfill your obligation to call 811.

VERIFICATION OF PRIVATE UTILITY LINES  
 Date:  
 CenterPoint Energy/Natural Gas Facility Verification ONLY.  
 (This signature verifies that you have shown CNP Natural Gas lines correctly - not to be used for conflict verification.)  
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 Signature valid for six months.

**RATNALA & BAHL, INC.**  
 Engineers, Architects, Surveyors  
 11787 KATY FREEWAY, SUITE 910  
 HOUSTON, TEXAS 77079

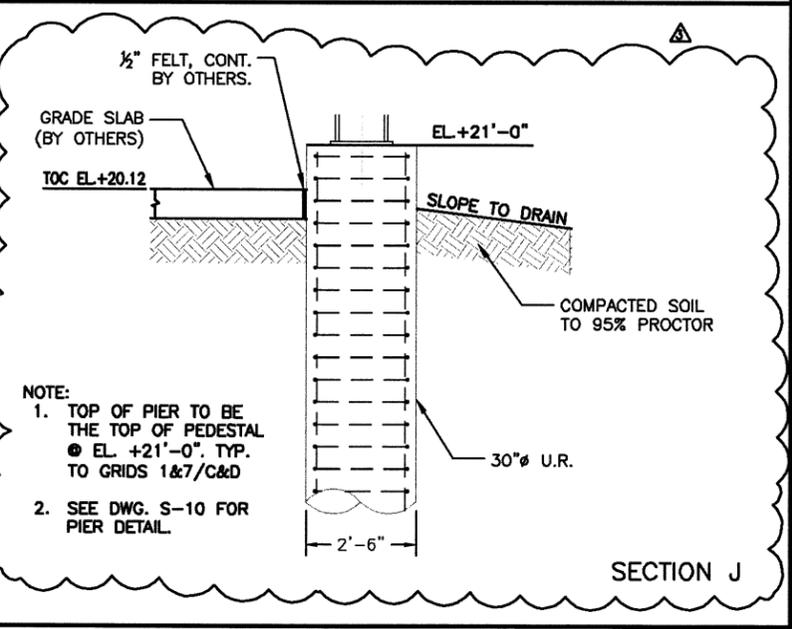
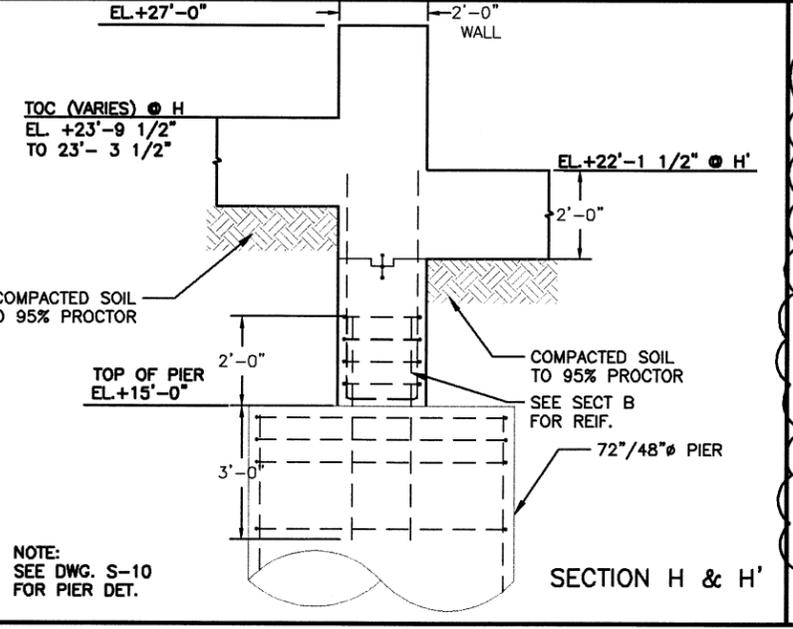
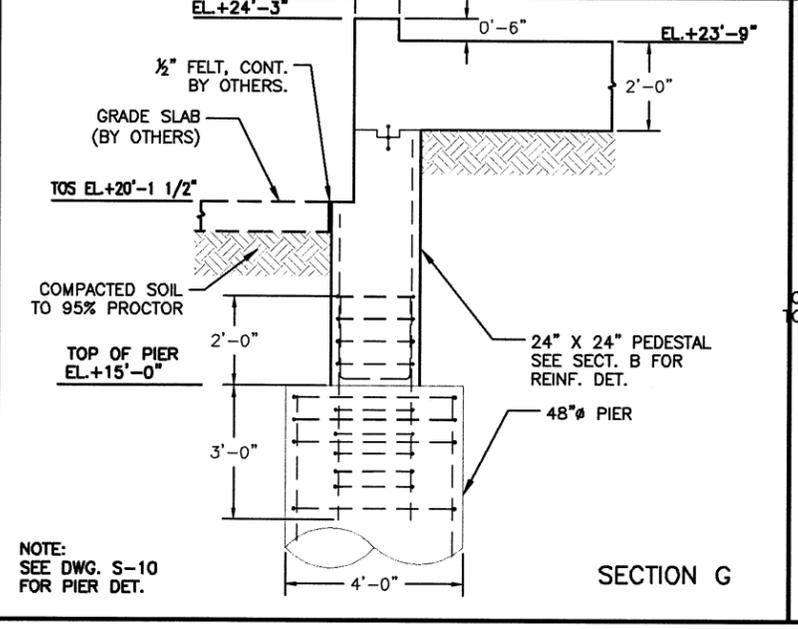
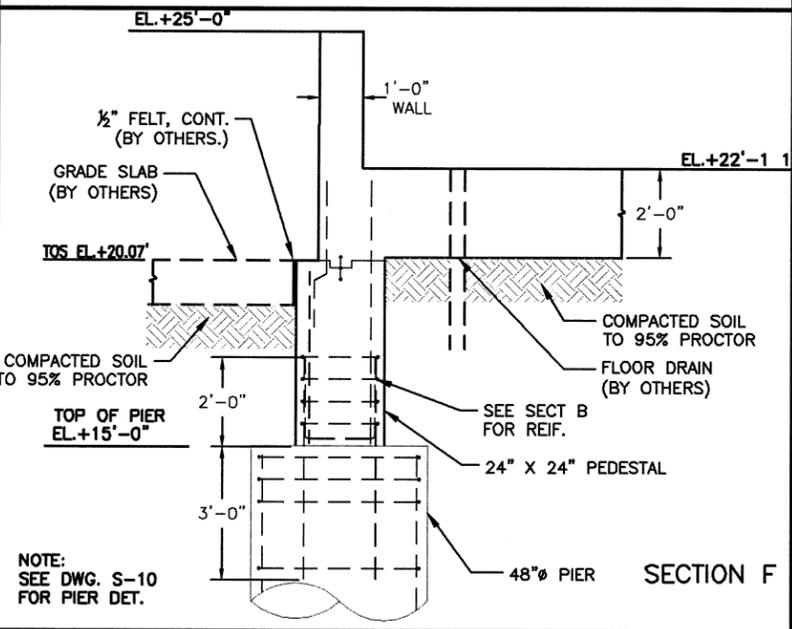
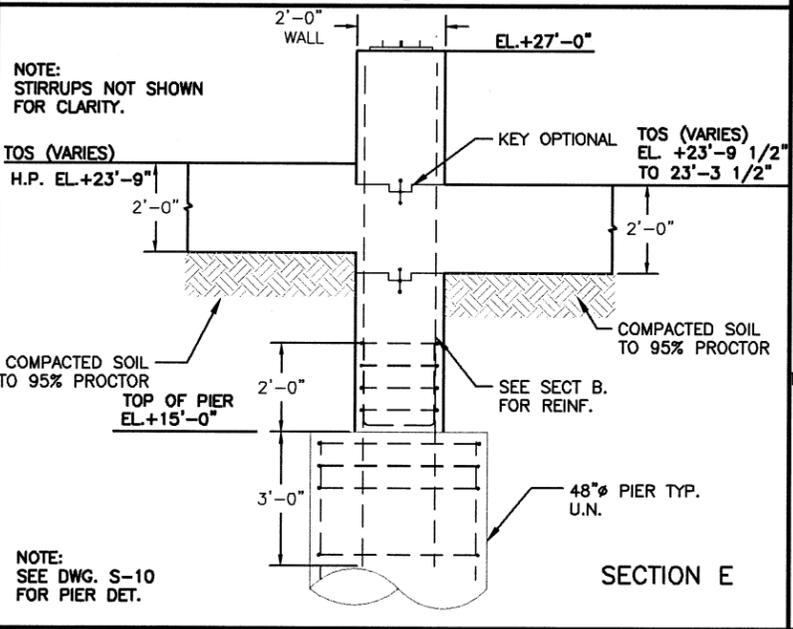
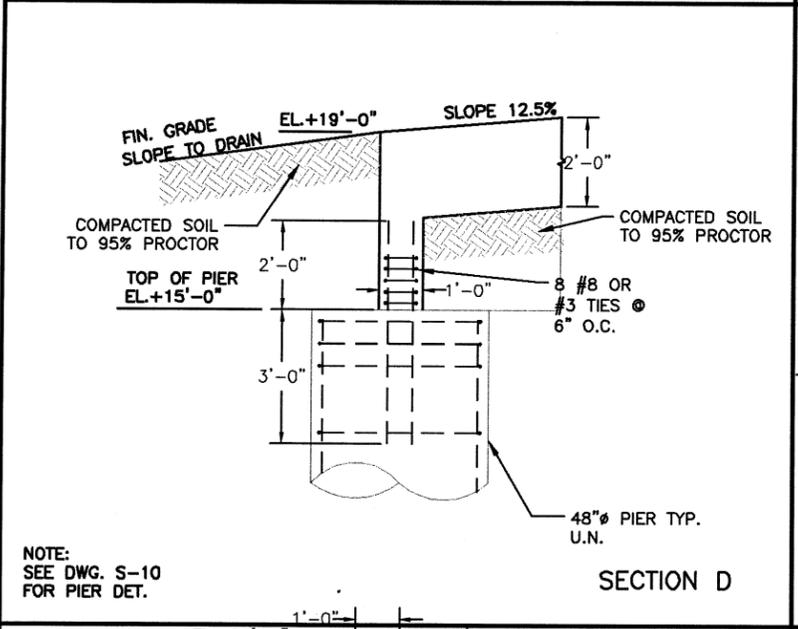
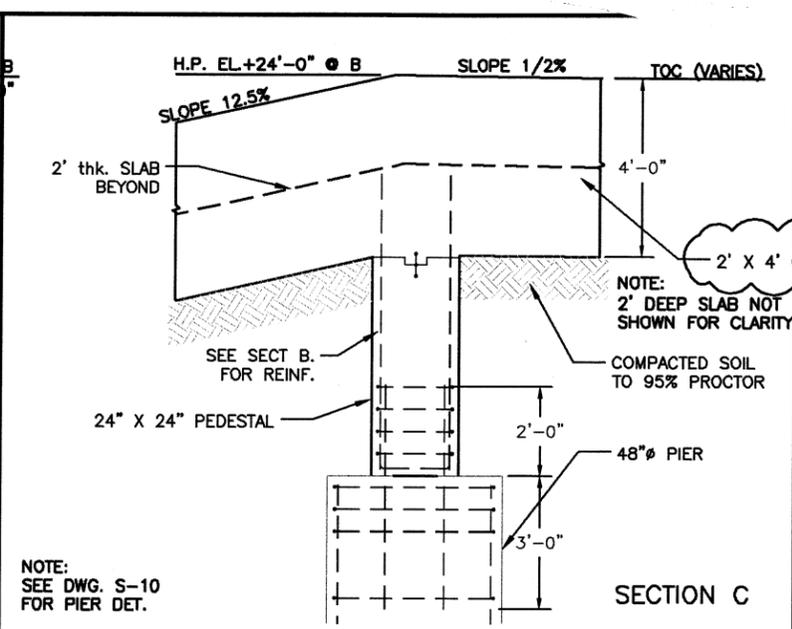
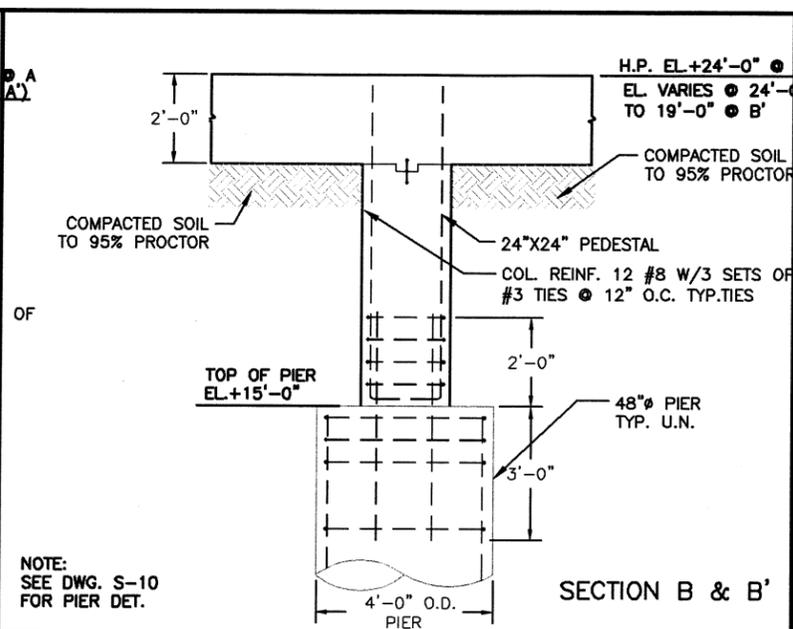
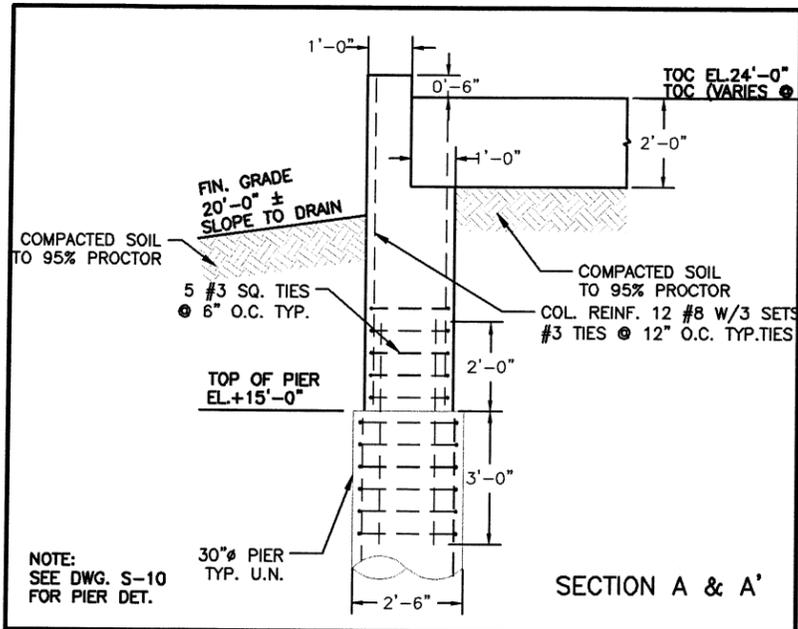
11-19-2015

**ALAN PLUMMER ASSOCIATES, INC.**  
 ENVIRONMENTAL ENGINEERS AND SCIENTISTS  
 3100 WILCREST DRIVE, SUITE 270  
 HOUSTON, TEXAS 77042-6029  
 PHONE: 713-464-2724 FAX: 713-464-2725  
 TEXAS REGISTERED ENGINEERING FIRM F-13

**CITY OF HOUSTON**  
 DEPARTMENT OF PUBLIC WORKS AND ENGINEERING  
**SIMS NORTH WASTE & DEBRIS HANDLING STATION**  
**ROOF FRAMING PLAN**

WBS NUMBER	FOR CITY OF HOUSTON USE ONLY
R-000265-0081-4	
DRAWING SCALE	
1/8" = 1'-0"	
CITY OF HOUSTON PM	
IRAJ M. RANJBAR, P.E.	
DWG NO.: S-6	
SHEET NO. 25 OF 41	

PRINTED: 8/27/2016 11:48 AM I:\2014 JOBS\1102- SIMS NORTH DEBRIS STATION\WORKING FOLDER\3-8 Roof Framing Plan.dwg SAVED: 8/27/2016 11:28 AM USER: ingrida



NO.	DATE	REVISION	BY
8-3-16		ADDENDUM 3	RR
7-29-16		ADDENDUM 2	RR
APAI NO.: 1102-003-04		DRAWN BY:	
ISSUE DATE:		CHECKED BY:	

TO ARRANGE FOR LINES TO BE TURNED OFF OR MOVED, CALL CENTERPOINT AT 713-207-2222.

**NOTICE:**  
For your safety, you are required by Texas Law to call 811 at least 48 hours before you dig so that underground line can be marked. This verification does not fulfill your obligation to call 811.

**VERIFICATION OF PRIVATE UTILITY LINES**

Date:  
CenterPoint Energy/Natural Gas Facility Verification ONLY.  
(This signature verifies that you have shown CNP Natural Gas lines correctly - not to be used for conflict verification.)  
( Gas service lines are not shown. )  
Signature valid for six months.

Date:  
CenterPoint Energy/UNDERGROUND Electrical Facilities Verification ONLY.  
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**RATNALA & BAHL, INC.**  
11787 KATY FREEWAY, SUITE 510  
HOUSTON, TEXAS 77079

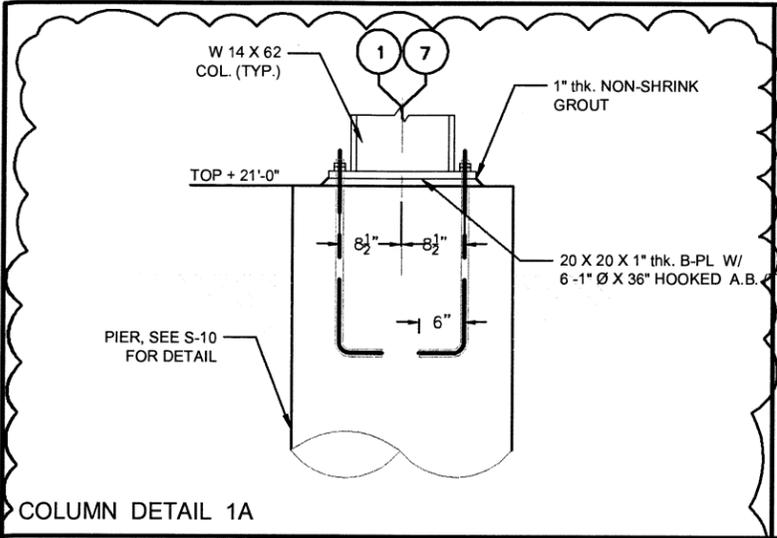
11-19-2015

**ALAN PLUMMER ASSOCIATES, INC.**  
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3100 WILCREST DRIVE, SUITE 270  
HOUSTON, TEXAS 77042-6029  
PHONE: 713-464-2724 FAX: 713-464-2725  
TEXAS REGISTERED ENGINEERING FIRM F-13

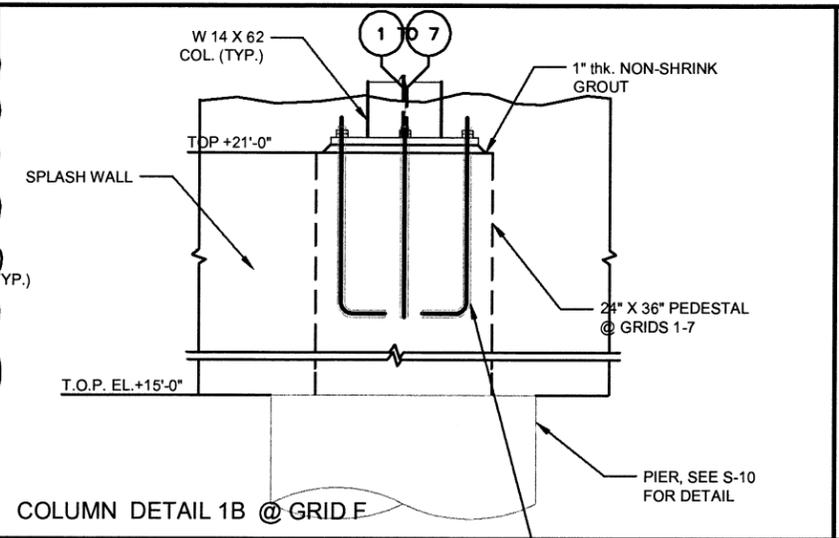
**CITY OF HOUSTON**  
DEPARTMENT OF PUBLIC WORKS AND ENGINEERING  
**SIMS NORTH WASTE & DEBRIS HANDLING STATION**  
**CONCRETE DETAILS**

WBS NUMBER	FOR CITY OF HOUSTON USE ONLY
R-000265-0081-4	
DRAWING SCALE	
1/2" = 1'-0"	
CITY OF HOUSTON PM	
IRAJ M. RANJBAR, P.E.	
DWG NO.: S-9	
SHEET NO. 28 OF 41	

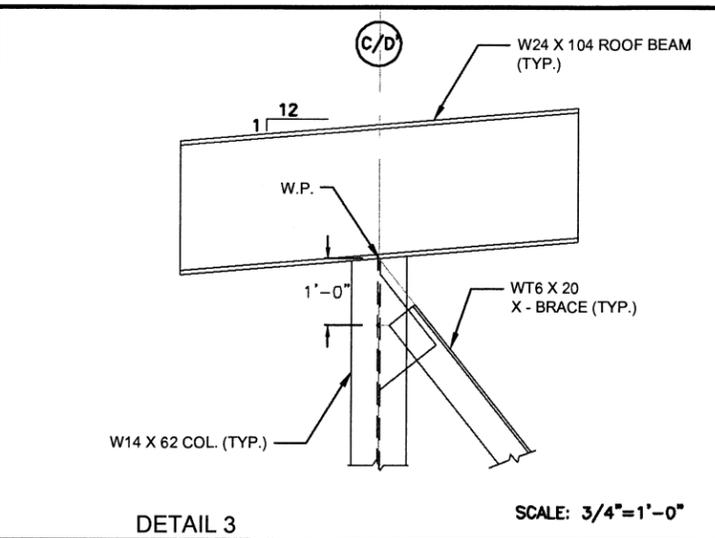
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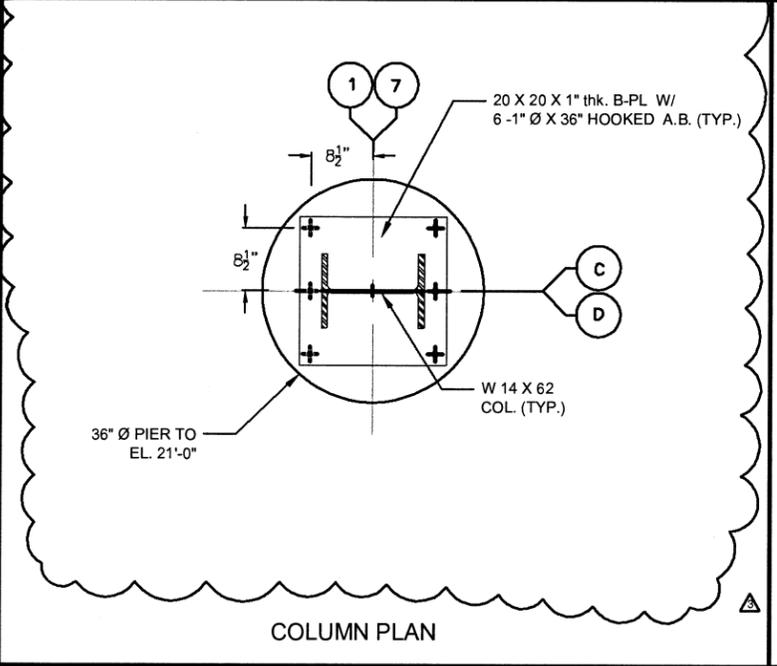
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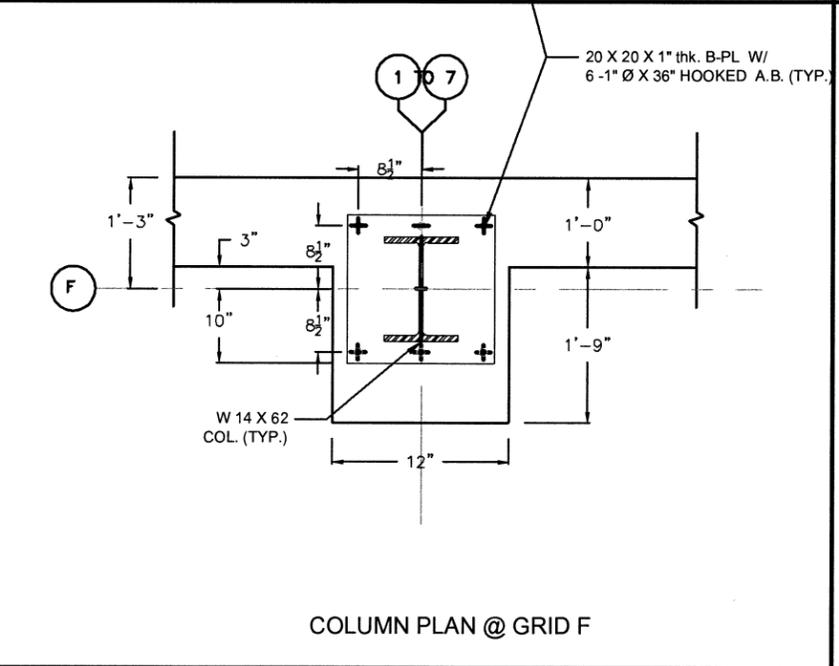
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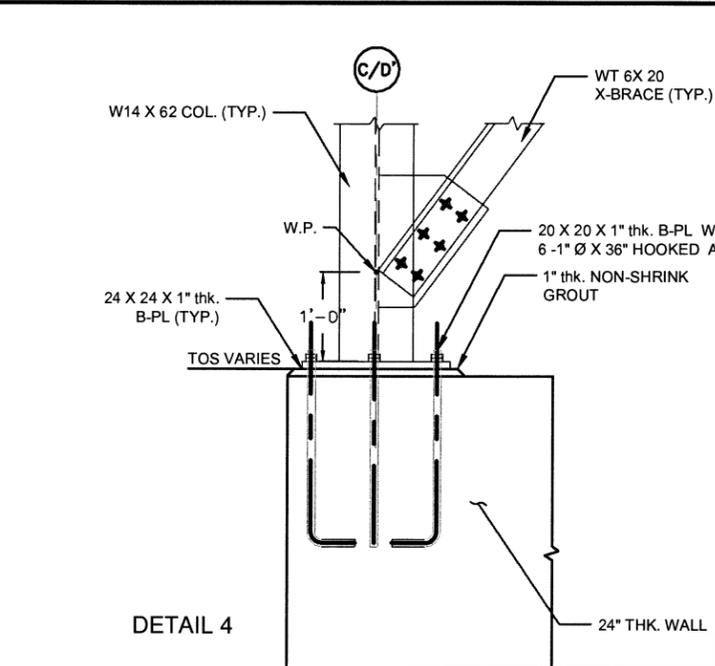
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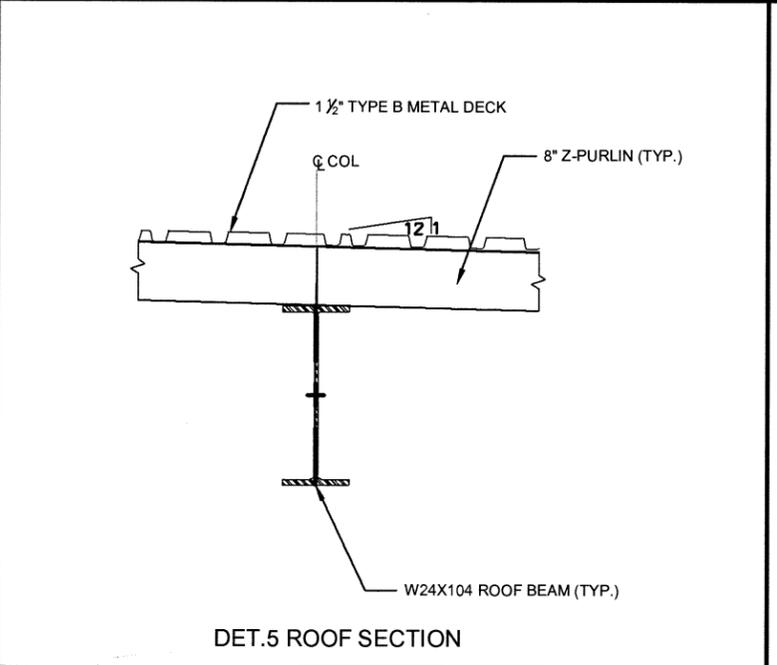
COLUMN PLAN



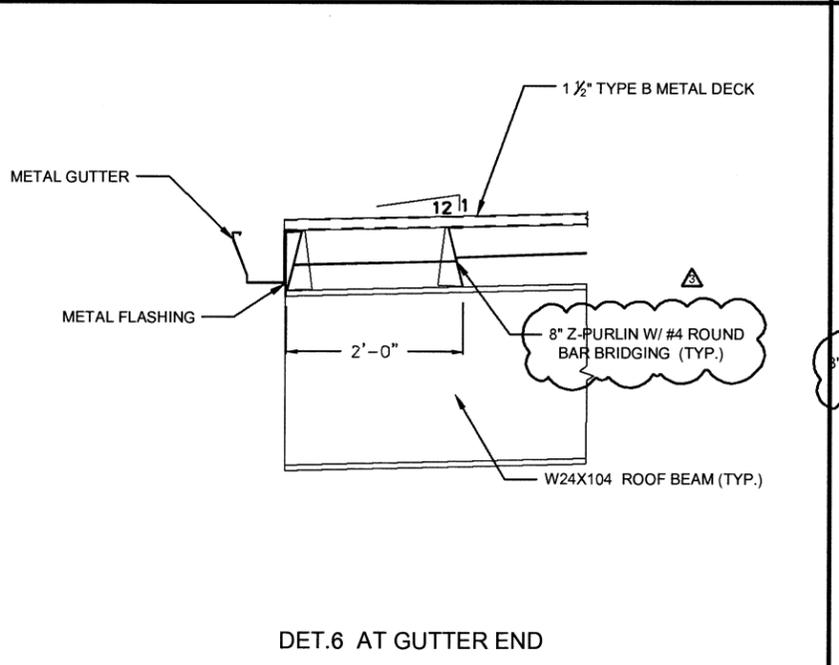
COLUMN PLAN @ GRID F



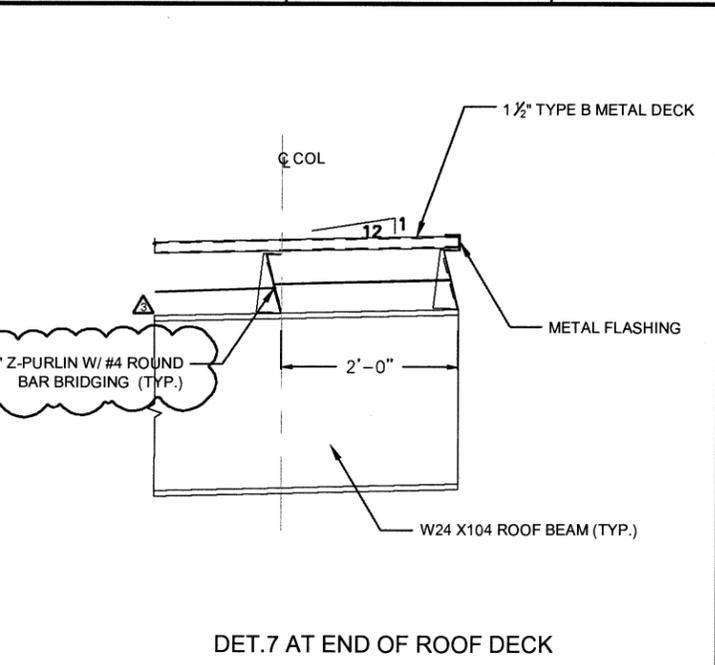
DETAIL 4



DET.5 ROOF SECTION



DET.6 AT GUTTER END



DET.7 AT END OF ROOF DECK

NO.	DATE	REVISION	BY
8-3-16		ADDENDUM 3	RR
7-29-16		ADDENDUM 2	RR
APAI NO.: 1102-003-04		DRAWN BY:	
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**RATNALA & BAHL, INC.**  
11787 KATY FREEMAN, SUITE 510  
HOUSTON, TEXAS 77079

3/9/2016

**ALAN PLUMMER ASSOCIATES, INC.**  
ENVIRONMENTAL ENGINEERS AND SCIENTISTS  
3100 WILCREST DRIVE, SUITE 270  
HOUSTON, TEXAS 77042-6029  
PHONE: 713-464-2724 FAX: 713-464-2725  
TEXAS REGISTERED ENGINEERING FIRM F-13

**CITY OF HOUSTON**  
DEPARTMENT OF PUBLIC WORKS AND ENGINEERING  
**SIMS NORTH WASTE & DEBRIS HANDLING STATION**  
**STEEL DETAILS**

WBS NUMBER	FOR CITY OF HOUSTON USE ONLY
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DRAWING SCALE	
1" = 1'-0"	
CITY OF HOUSTON PM	
IRAJ M. RANJBAR, P.E.	
DWG NO.: S-11	
SHEET NO. 30 OF 41	

PRINTED: 8/27/2016 11:45 AM I:\2014 JOBS\1402-SIMS NORTH DEBRIS STATION\WORKING FOLDER\S-11 Steel Details.dwg SAVED: 8/27/2016 11:43 AM SAVED BY: Ingridd USER: Ingridd