



CITY OF HOUSTON

Administration and Regulatory Affairs Department
Strategic Purchasing Division

Bill White
Mayor

Calvin D. Wells
City Purchasing Agent
P.O. Box 1562
Houston, Texas 77251-1562

F. 832.393.8755
<https://purchasing.houstontx.gov>

Date: May 12, 2009

Subject Letter of Clarification No. 1 for Fire Station No. 20 Structural Bracing and Wall Construction for the General Services Department

Reference: Bid Inv. No: S50-C23242

To: All Prospective Contractors:

This Letter of Clarification is issued for the following reasons: To answer questions posed by prospective bidders and to add clarification to the technical specifications on the drawings.

NOTICE TO BIDDER

The bid opening date has changed from May 14, 2009 to May 21, 2009.

Question: Is the \$3,000.00/day for liquidated damages correct with a 60 day schedule?

Answer: Delete page 184 of 214 and replace with the attached revised page 184 of 214 marked, "Revised 05/11/09". Delete page 206 of 214 and replace with the attached revised page 206 of 214 marked, "Revised 05/11/09". The completion time may be extended due to rain days, material lead times and delays caused by unforeseen conditions, client work or other contractors not part of this contract.

Question: Question regarding detail D1 of Drawing A-201 and A-202 should be changed to C1?

Answer: Refer to sketches 02 and 03 for correct detail reference. See attachment drawings.

Question: Drawing S-601 shows sheetrock on inside. Verify if installing sheetrock in this scope?

Answer: No, Interior sheetrock is not in this scope of work unless it is gyp backing for interior plaster.

Question: Drawing A-102 shows plaster on interior side at existing CMU wall around electrical room. Is this plaster included in work?

Answer: Yes, lath and plaster shall be applied to entire CMU wall around electrical room.

Page 1 of 18

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Question: The project manual is missing the following specs: 02376 Drilled and underreamed footings; 03300 Cast in place concrete; 05120 Structural Steel; 05310 Steel roof deck?

Answer: All structural specifications are found on the structural drawings.

Question: The precast concrete forms at the roof line over the old large windows does not seem necessary to be removed however if it does will that be only over the area that had the large windows or over the entire building?

Answer: In our opinion these forms will create conflict with the new roof therefore remove them all around the building. The precast concrete over the windows are required to be removed and replaced per sections 5, 6, 7 on S603.

Question: How do we address the fire protection brick line between the top horizontal structural members and the roof line? Are horizontal structural members needed in these areas, or simply a member to hold the fire protection brick line?

Answer: All structural items are shown on structural drawings. Use Fire stopping as necessary.

Question: Exposed edge of large beam over the overhead doors will be exposed as a finish product. However some of the edges seem to be in poor condition and may need to be addressed?

Answer: Structural drawings call out for repairs to all such members. Paint beam above overhead doors as per 09900. Color to be selected by architect.

Question: How do we address the sidewalk and traffic control during this project?

Answer: Per OSHA standards and City of Houston standards. Contractor may request permit to temporarily close sidewalk as needed. If temporary lane closure is needed address per City of Houston standards.

Question: The stucco at electrical room external door frame will be about 2" recessed behind this frame and no details were found to address this item.

Answer: Door is now called out to be a new door and new frame shall meet new overall wall depth.

Question: The existing steel columns in the first floor do not require any stiffening except one located between column 5 and 6. All column stiffening is for columns between second floor and roof framing.

Answer: All column reinforcements shown shall be from the second floor to the roof except for the column to the east of grid D between grids 5 & 6 which is required to be reinforced from the first floor to the underside of the beam at the intermediate landing of the stair.

Question: Contractor shall engage a qualified professional engineer to prepare design calculation, shop drawing and other structural data for metal stud framing of the project as required by 05400?

Answer: Follow structural drawings and specifications.

Question: Contractor would not be charged liquidated damages, if the delay in completion of the work is related to long lead items such as finish hardware, aluminum storefront, rainy days and similar out of control conditions?

Answer: If contractor has show due diligence in completion of work and in scheduling and ordering items in a manner as to efficiently manage the project, the City will review conditions presented by the contractor and consider extending project at no additional cost to the City.

Question: There is no rough-in Electrical, Plumbing required for the project to be installed in exterior walls?

Answer: Rough in for exterior light fixtures has been added to addendum. Refer to elevations. Also all existing plumbing, electrical, HVAC or other, at exterior walls shall be protected and taken into consideration when doing exterior work.

Question: There is a new exterior stair designed and only structural information is detail 8 of S501. Complete structural drawing is required.

Answer; As stated in the meeting, the stair will be pre-fab fully engineered by manufacturer and is listed on permit as deferred submittal so contractor is responsible for finding manufacturer to do complete engineered drawings for permits and construction.

Question: Door schedule showed doors 101A and 101C as existing however they are not existing.

Answer: These were removed during demo therefore new doors shall be provided and installed by contractor as per attached sketch 06. See attachment drawings.

Question: Drawings show windows #01 and #02 as existing however they are not there.

Answer: Windows removed in demo. New windows shall be provided and installed by contractor as per sketch 06. See attachment drawings.

Questions: A-201 calls for replacing metal panel above door #101A with similar panel.

Answer: Provide aluminum closure panel above door to match frames. Panel is at an angle. Refer to photograph on sketch 02 C6 for original framing at closure panel here. See attachment drawings.

Question: Drawing A 101 shows five existing bollards on south side which do not exist any more.

Answer: Bollards were removed during demolition. Include price for all bollards shown as new.

Question: Existing stair does not have a handrail. Clarify if new handrail needed?

Answer: Yes include pipe handrail as per 05500 and to comply with code.

Question: Drawing A-201 and A-202 shows the communications antenna poles to be installed. Please provide details.

Answer: Detail is shown in Sketch 10 & 11. See attachment drawings.

Question: Drawing S-301 for reinforcing the column between line 5 and 6 refers to 7A/S603. There is no such detail.

Answer: Yes, it is wrong. Please refer to 4A/S603 instead.

Question: Drawing S-301, S-302 and S-303 for bracing of columns on grid line B and C from one side of 3 and 4 from the other side refers to 2/S201. There is no S201 in bid documents.

Answer: The sheet S201 was part of the installation of temporary structural bracing which is not include in this contract.

Question: Drawing S301 for the posts under staircase refers to 8/S602. The correct reference is 8/S501.

Answer: You are correct, the correct reference is 8/S501.

Question: Drawing S303 shows new W12x19 on column line A and D, between line 3 and 4. Section 6 /S603 do not show such steel beam.

Answer: Detail is shown in Sketch 12. See attachment drawings.

Question: Is there any painting required in the exterior- doors? Soffits?

Answer: All exterior surfaces that take painting shall be painted such as any existing or new hollow metal doors, any existing or new soffits, any existing or new louvers, any existing or new steel members exposed to outside. All painted as per 09900.

Question: The furring channels in the stucco application are only necessary where they are being applied over existing CMU wall?

Answer: Furring channels are as required to provide a good lath and plaster installation.

Question: It is not possible to do 1" Dampproofing?

Answer: Yes, it is a printing error! Dampproofing shall be per specifications.

Question: Elevation C1 on A201 talks about re-installing signs, is this correct?

Answer: Installation of signs is not in this contract.

Question: What is the soffit material to be used?

Answer: All to be plaster soffits. Re: sketch 04 detail B6. See attachment drawings.

Question: Is the removal of temporary structural bracing part of this contract?

Answer: Yes, removal of the temporary structural bracing shall be part of this contract.

Clarification: The successful contractor shall be required to provide sub-contractor references, from recent projects of similar scope and size.

Note - No further questions will be accepted after the publication of this Letter of Clarification.

When issued, Letter(s) of Clarification shall automatically become a part of the bid documents and shall supersede any previous specification(s) and/or provision(s) in conflict with the Letter(s) of Clarification. It is the responsibility of the bidders to ensure that it has obtained all such letter(s). By submitting a bid on this project, bidders shall be deemed to have received all Letter(s) of Clarification and to have incorporated them into this solicitation.

Furthermore, it is the responsibility of each Contractor to obtain any previous Letter of Clarification associated with this solicitation.

Arturo Lopez

Arturo Lopez
Senior Procurement Specialist
832-393-8731

Attachments: Revised pages 184 and 206 of 214 marked "Revised 05-11-09" and additional drawings labeled Sketch No. 01, Sketch No. 03, Sketch No. 04, Sketch No. 05, Sketch No. 06, Sketch No. 07, Sketch No. SK8, Sketch No. SK9, Sketch No. Sk10, Sketch No. SK11 and Sketch No. SK12.

A PDF version of the Addendum Drawings can also be viewed on the following web Link
<https://purchasing.houstontx.gov/buyer/BidDocumentManager.aspx?id=C23242>

(Revised 05/11/09)

items that cannot be refinished in the field to the factory, make required alterations, and refinish entire unit or provide new units.

3.3.6 Install concealed gaskets, flashings, joint fillers, and insulation as louver installation progresses, where weathertight louver joints are required. Comply with Division 7 Section "Joint Sealants" for sealants applied during louver installation.

3.4 ADJUSTING AND CLEANING

3.4.1 Clean exposed surfaces of louvers and vents that are not protected by temporary covering, to remove fingerprints and soil during construction period. Do not let soil accumulate until final cleaning.

3.4.2 Before final inspection, clean exposed surfaces with water and a mild soap or detergent not harmful to finishes. Thoroughly rinse surfaces and dry.

3.4.3 Restore louvers and vents damaged during installation and construction so no evidence remains of corrective work. If results of restoration are unsuccessful, as determined by the City, remove damaged units and replace with new units.

3.4.4 Touch up minor abrasions in finishes with air-dried coating that matches color and gloss of, and is compatible with, factory-applied finish coating.

3.0 **Performance Time:**

3.1 ***The Contractor shall have 81 calendar days to complete all work associated with this project after receipt of the Notice – To - Proceed.***

4.0 **Drawings:**

4.1 Structural drawings seen below beginning on page 185 to page 195

A PDF version of the Structural Drawings can also be viewed on the following web Link
<https://purchasing.houstontx.gov/buyer/BidDocumentManager.aspx?id=C23242>

(Revised 05/11/09)

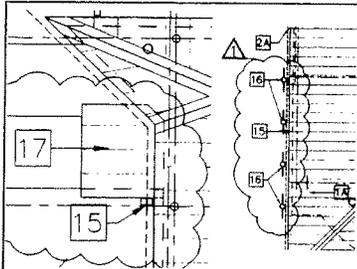
- 8.1.6.1 Contractor shall credit the City by Change Order for inspection services for overtime work or work performed on Sundays or Legal Holidays. The amount Contractor credits the City will be **\$50.00 per hour** per inspector for inspection services.

ARTICLE 9 - PAYMENTS AND COMPLETION

- 9.1 **UNIT PRICE WORK:** Delete Section 9.1 in its entirety and insert the following Section 9.1.
- 9.1 References to Unit Prices in individual Specification sections are not applicable to the Contract. Include payment for portions of the Work required by these sections in the Stipulated Price for the Contract.
- 9.12 LIQUIDATED DAMAGES:** Insert the following Paragraph 9.12.1.1.
- 9.12.1.1** *The amount of liquidated damages provided in General Conditions Paragraph 9.12.1 payable by Contractor or Surety for each and every day of delay beyond Contract Time, are \$1,000.00 per day.*

ARTICLE 11 - INSURANCE AND BONDS

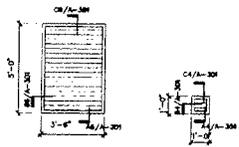
- 11.2 **INSURANCE TO BE PROVIDED BY CONTRACTOR:** Delete Paragraph 11.2.8. and replace with the following 11.2.8.
- 11.2.1.4 Contractor shall provide Owners and Contractor's Protective Liability Insurance only if the contractor's bid price is equal to or greater than \$100,000.00.
- 11.2.8 **Endorsement of Primary Insurance:** Each policy except Workers' Compensation Insurance must contain an endorsement that the policy is primary insurance to any other insurance available to additional insured with respect to claims arising under the Contract.



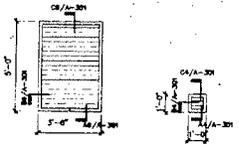
C1 ROOF PLAN
SCALE: 3/32" = 1'-0"

- BLOCK AT EACH DOWNSPOUT
- 16 ANTENNA POLE MOUNTED TO WALL
- 17 CANOPY OVER STAIR LANDING TO MATCH ROOF FINISH MATERIAL

GENERAL NOTE
ROOF IS NOT INCLUDED IN THIS CONTRACT. ROOF PLAN IS SHOWN FOR REFERENCE ONLY.

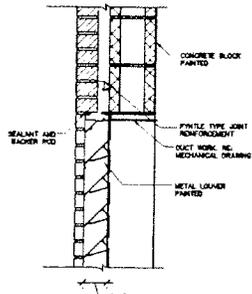


MARK 1&2 MARK 3

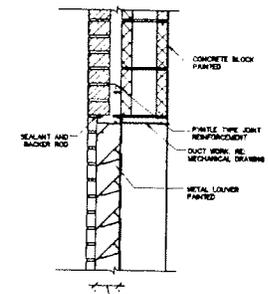


MARK 1&2 MARK 3

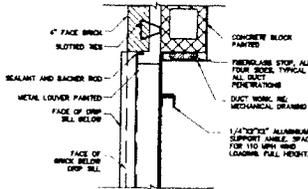
LOUVER SCHEDULE				
MARK	SIZE		MATERIAL	NOTES
	WIDTH	HEIGHT		
1	3'-8"	5'-0"	ALUM. FRAME	
2	3'-8"	5'-0"	ALUM. FRAME	
3	1'-0"	1'-0"	ALUM. FRAME	
4	8'-0"	4'-0"	ALUM. FRAME	
5	2'-0"	1'-6"	ALUM. FRAME	



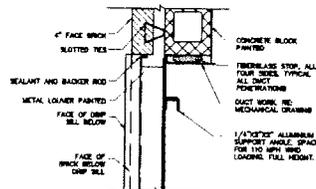
C4 HEAD DETAIL
SCALE: 1/2" = 1'-0"



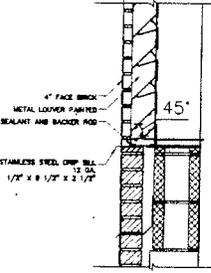
C6 HEAD DETAIL
SCALE: 1/2" = 1'-0"



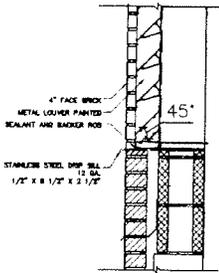
B4 JAMB DETAIL
SCALE: 1/2" = 1'-0"



B6 JAMB DETAIL
SCALE: 1/2" = 1'-0"



A4 SILL DETAIL
SCALE: 1/2" = 1'-0"



A6 SILL DETAIL
SCALE: 1/2" = 1'-0"



SHEET NO: A-301 ROOF PLAN

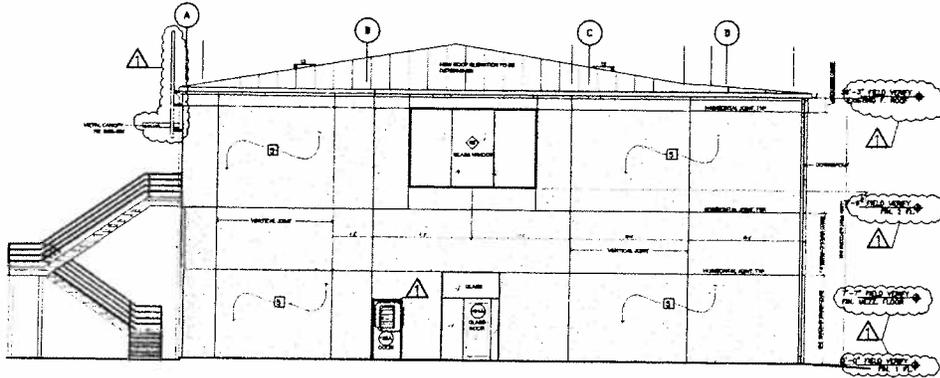
PROJECT : FIRE STATION 20
ADDRESS : 6902 NAVIGATION
HOUSTON, TEXAS 77011

WBS No:
ADDENDUM No: 01
DATE: MAY 11, 2009

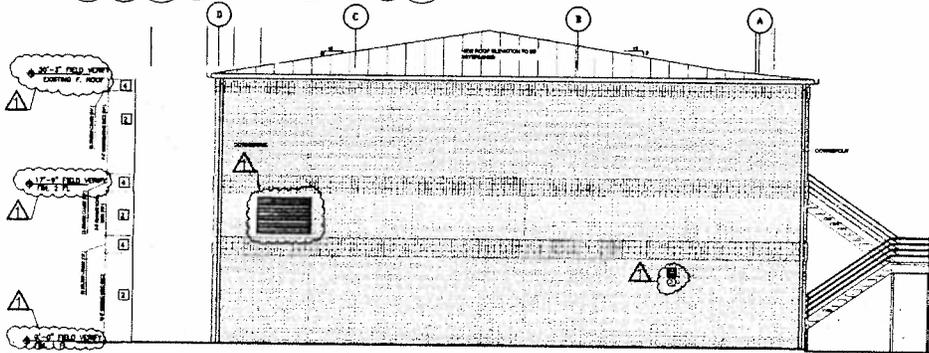


CITY OF HOUSTON
GENERAL SERVICES
DEPARTMENT

SKETCH NO: 01



D1 BUILDING EAST ELEVATION
SCALE: 1/16"=1'-0"



A1 BUILDING WEST ELEVATION
SCALE: 1/16"=1'-0"

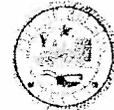
EXTERIOR FINISH SCHEDULE				
NO.	MATERIAL	FINISH/WOOD	COLOR	MANUFACTURE
1	RUNNING BOND BRICK	VELOUR	GOLDEN BUFF	EMERGENCY CLAY PRODUCTS
2	ACCENT BRICK	SMOOTH	BURGUNDY BLEND	EMERGENCY CLAY PRODUCTS
3	ACCENT SOLIDER COURSE BRICK	SMOOTH	BURGUNDY BLEND	EMERGENCY CLAY PRODUCTS
4	STUCCO FINISH	01-26-SBP-132	466 OYSTER SHELL	



SHEET NO: A-202 BUILDING ELEVATIONS

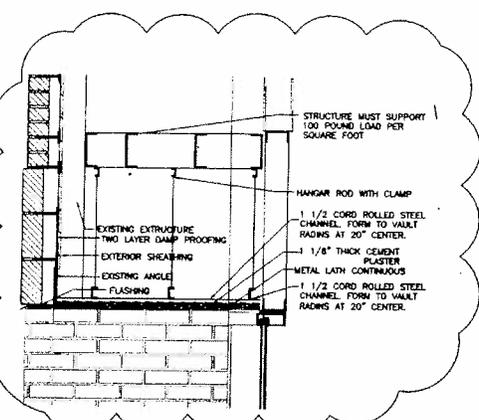
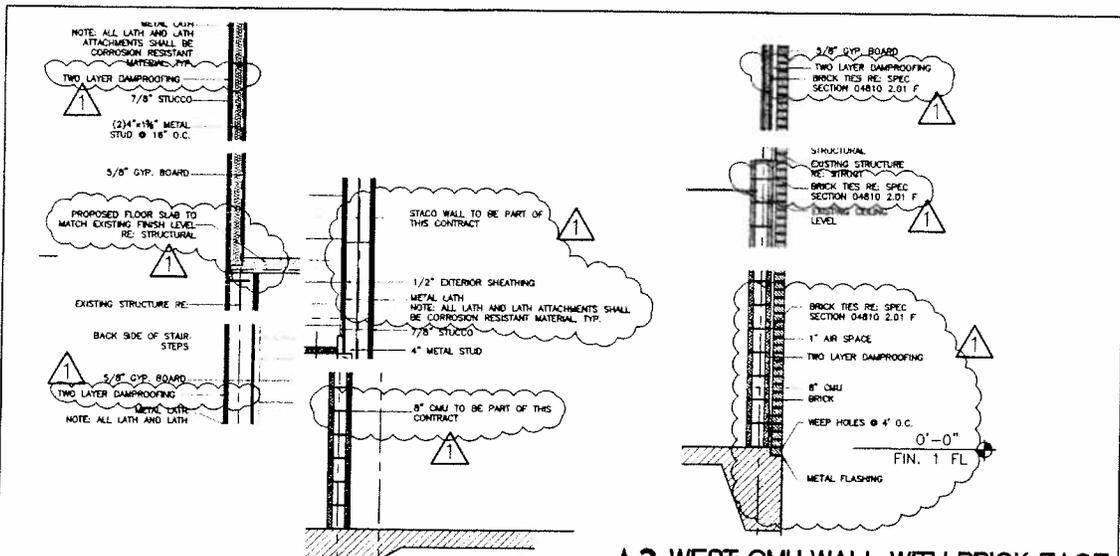
PROJECT : FIRE STATION 20
ADDRESS : 6902 NAVIGATION
HOUSTON, TEXAS 77011

WBS No:
ADDENDUM No: 01
DATE: MAY 11, 2009



CITY OF HOUSTON
GENERAL SERVICES
DEPARTMENT

SKETCH NO: 03



GENERAL NOTE:

1. 5/8" GYP. BOARD, INSULATION, INTERIOR PARTITION, CEILING AND ROOF ARE NOT INCLUDED IN THIS CONTRACT. USE ONLY FOR REFERENCES
2. FIELD VERIFY ALL EXISTING FLOOR LEVELS



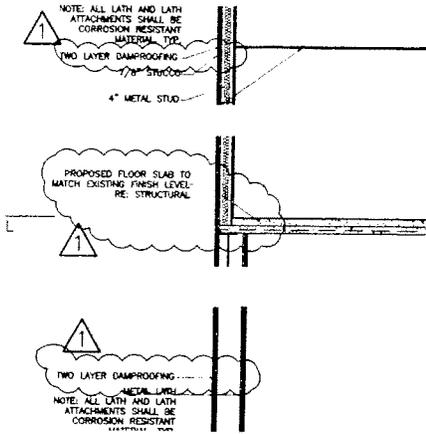
SHEET NO: A-401 EXTERIOR WALL SECTIONS

PROJECT : FIRE STATION 20
ADDRESS : 6902 NAVIGATION
HOUSTON, TEXAS 77011

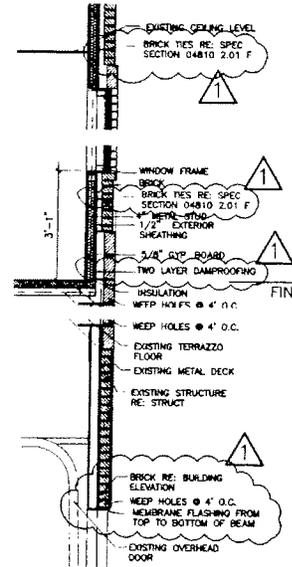
WBS No:
ADDENDUM No: 01
DATE: MAY 11, 2009

CITY OF HOUSTON
GENERAL SERVICES
DEPARTMENT

SKETCH NO: 04



A1 NEW STUCCO WALL • EAST ENTRY
SCALE: 1/4"=1'-0"



A3 WALL • APPARATUS OVERHEAD DOOR
SCALE: 1/4"=1'-0"

GENERAL NOTE:

1. 5/8" GYP. BOARD, INSULATION, INTERIOR PARTITION, CEILING AND ROOF ARE NOT INCLUDED IN THIS CONTRACT. USE ONLY FOR REFERENCES
2. FIELD VERIFY ALL EXISTING FLOOR LEVELS



NATEX
CORPORATION
ARCHITECTS
2200 WILMONT, SUITE 300
HOUSTON, TEXAS 77042
TELEPHONE: 713-875-9225
FAX: 713-780-7824

SHEET NO: A-402 EXTERIOR WALL SECTIONS

PROJECT : FIRE STATION 20
ADDRESS : 6902 NAVIGATION
HOUSTON, TEXAS 77011
WBS No:
ADDENDUM No: 01
DATE: MAY 11, 2009

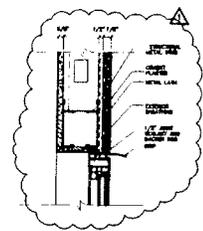


CITY OF HOUSTON
GENERAL SERVICES
DEPARTMENT

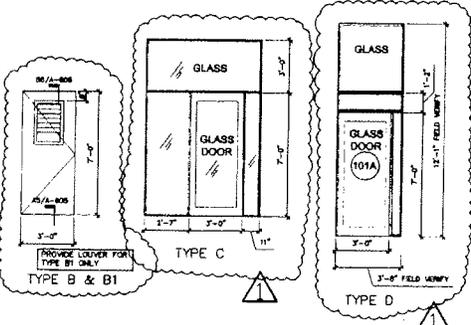
SKETCH NO: 05

DOOR AND FRAME SCHEDULE											
DOOR				FRAME				HARDWARE			
DOOR NO.	TYPE	SIZE	MATERIAL	GLAZING	MATERIAL	DETAIL	PIPE RATING	SET NO.	KEY/SOC RM NO.	NOTES	
101A	B	FIELD VENTRY 3'-3 1/4"	ALUM ANODIZED	TEMPERED	ALUM ANODIZED	HEAD JAMB	AS/A-605	AS/A-605	DI	OUTSIDE ENTRANCE	USE SAME HARDWARE AS DOOR 101B
101B	A	NE DOOR TYPE 3'-7 1/4"	ALUM ANODIZED	TEMPERED	ALUM ANODIZED	CA/A-605	AS/A-605	AS/A-605	DI	OUTSIDE ENTRANCE	USE SAME HARDWARE AS DOOR 101B
101C	C	NE DOOR TYPE 3'-7 1/4"	ALUM ANODIZED	TEMPERED	ALUM ANODIZED	CA/A-605	AS/A-605	AS/A-605	DI	OUTSIDE ENTRANCE	USE SAME HARDWARE AS DOOR 101B
101D	B1	FIELD VENTRY 3'-7 1/4"	HOLLOW METAL PAINTED	---	HOLLOW METAL PAINTED	---	---	---	---	EXISTING	USE SAME HARDWARE AS DOOR 101B
101E	B	3'-0"	HOLLOW METAL PAINTED	---	HOLLOW METAL PAINTED	BS/A-605	AS/A-605	AS/A-605	---	EXISTING	EXISTING TO REMAIN IN SAME LOCATION

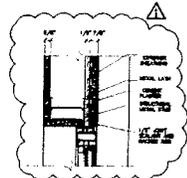
WINDOW SCHEDULE					
MARK	SIZE	TYPE	MATERIAL	GLAZING	NOTES
D1	8'-0" x 12'-0"	B	ANODIZED ALUM. FRAME	DOUBLE PANEL INSULATED	
D2	8'-0" x 12'-0"	C	ANODIZED ALUM. FRAME	DOUBLE PANEL INSULATED	
D4	4'-0" x 5'-11"	A	ANODIZED ALUM. FRAME	DOUBLE PANEL INSULATED	OPERABLE
D5	4'-0" x 5'-11"	A	ANODIZED ALUM. FRAME	DOUBLE PANEL INSULATED	OPERABLE



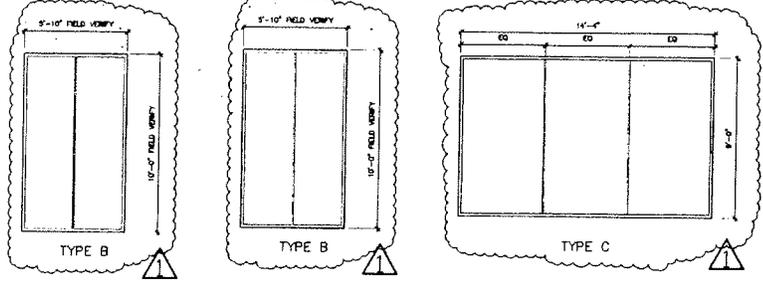
C1 HEAD DETAIL
SCALE: 3/4" = 1'-0"



A1 JAMB DETAIL
SCALE: 3/4" = 1'-0"



B1 JAMB DETAIL
SCALE: 3/4" = 1'-0"

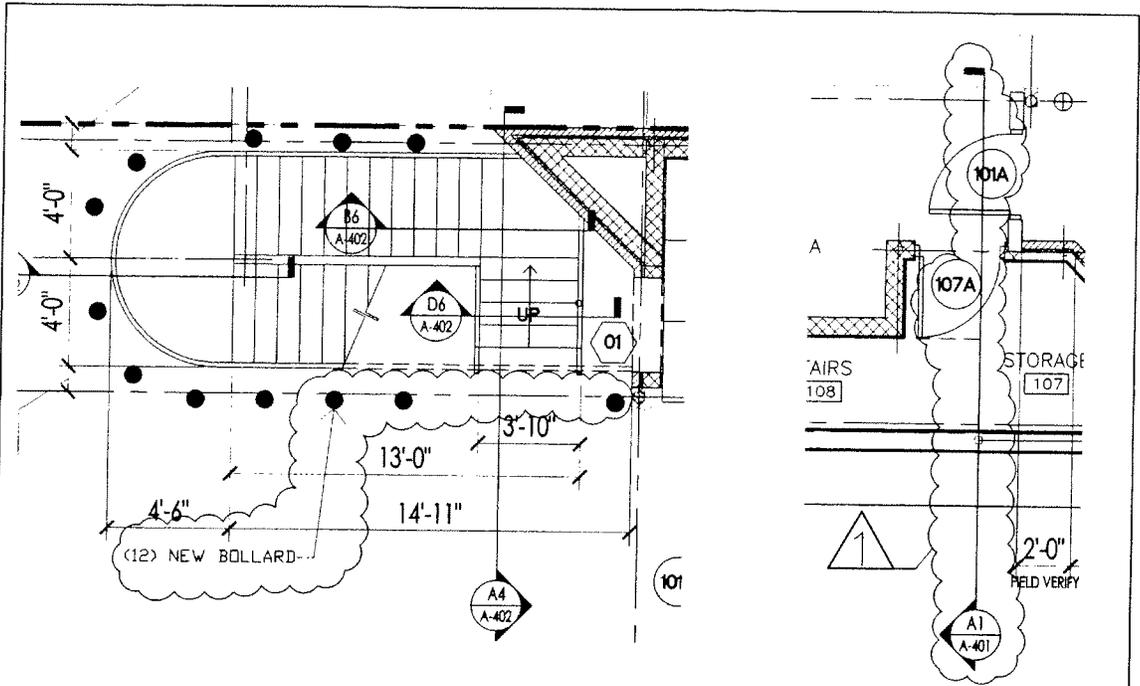


D5 WINDOW TYPES
SCALE: 1/8" = 1'-0"



SHEET NO: A-605 DOOR AND WIN. SCH.
PROJECT : FIRE STATION 20
ADDRESS : 6902 NAVIGATION
HOUSTON, TEXAS 77011
WBS No:
ADDENDUM No: 01
DATE: MAY 11, 2009

CITY OF HOUSTON
GENERAL SERVICES DEPARTMENT
SKETCH NO: 06



A1 1ST FLOOR PLAN
SCALE: 3/16"=1'-0"



SHEET NO: A-102 ARCH MASTER 1ST FLOOR PLAN / MEZZ PLAN

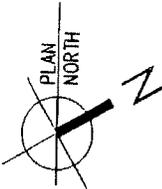
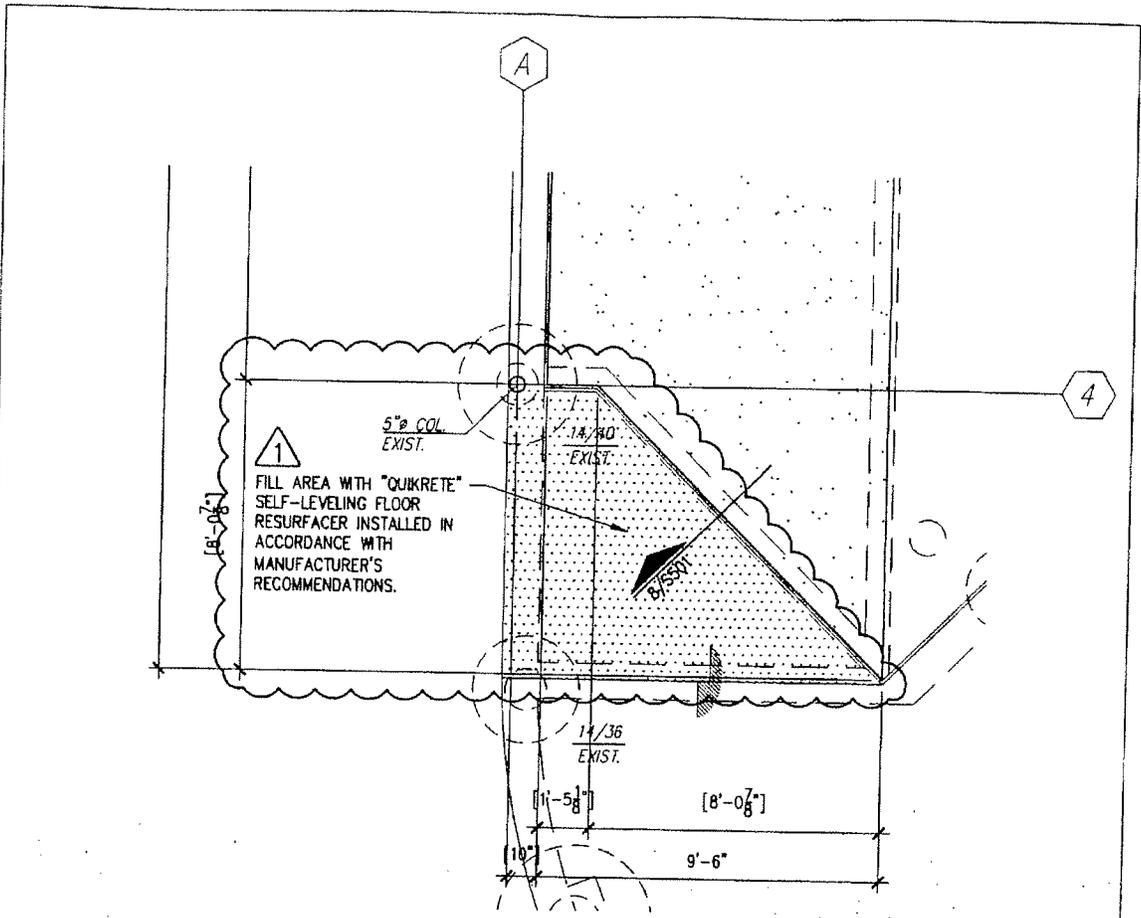
PROJECT : FIRE STATION 20
ADDRESS : 6902 NAVIGATION
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WBS No:
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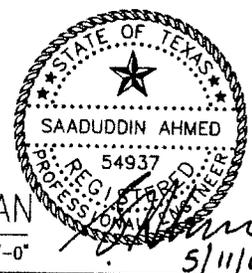


CITY OF HOUSTON
GENERAL SERVICES
DEPARTMENT

SKETCH NO: 07

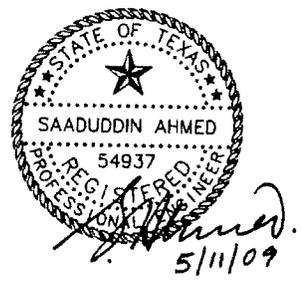
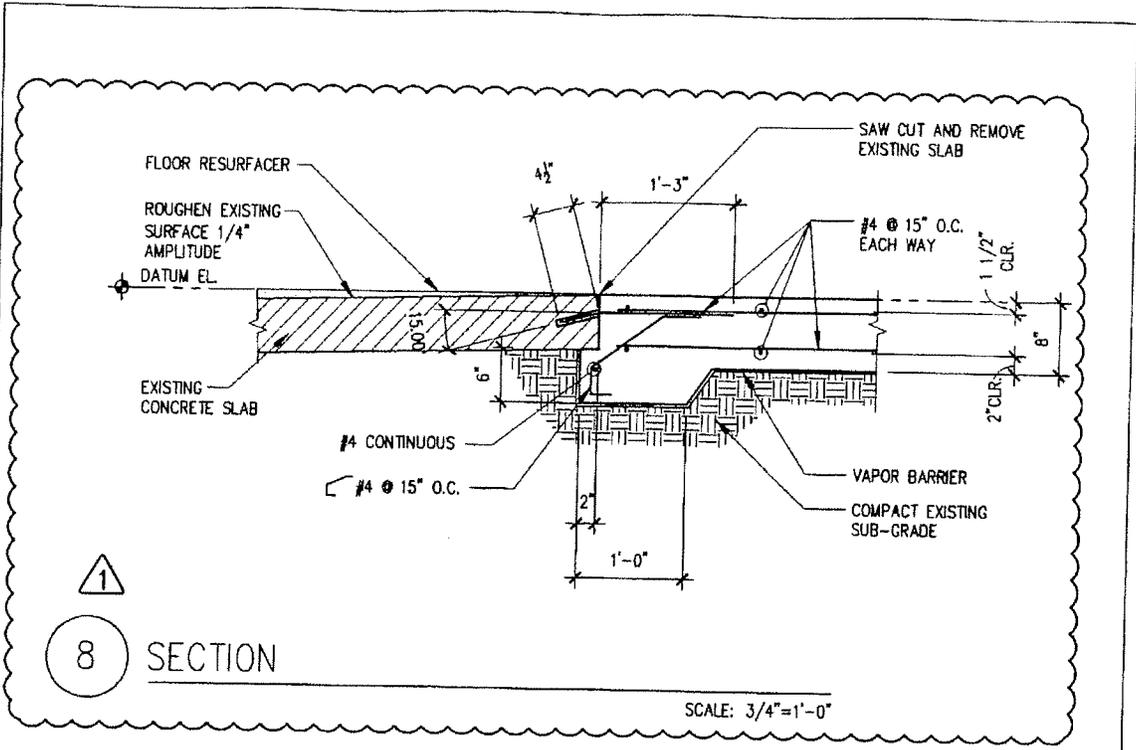


1 EXIST. FOUNDATION & FIRST FLOOR PLAN

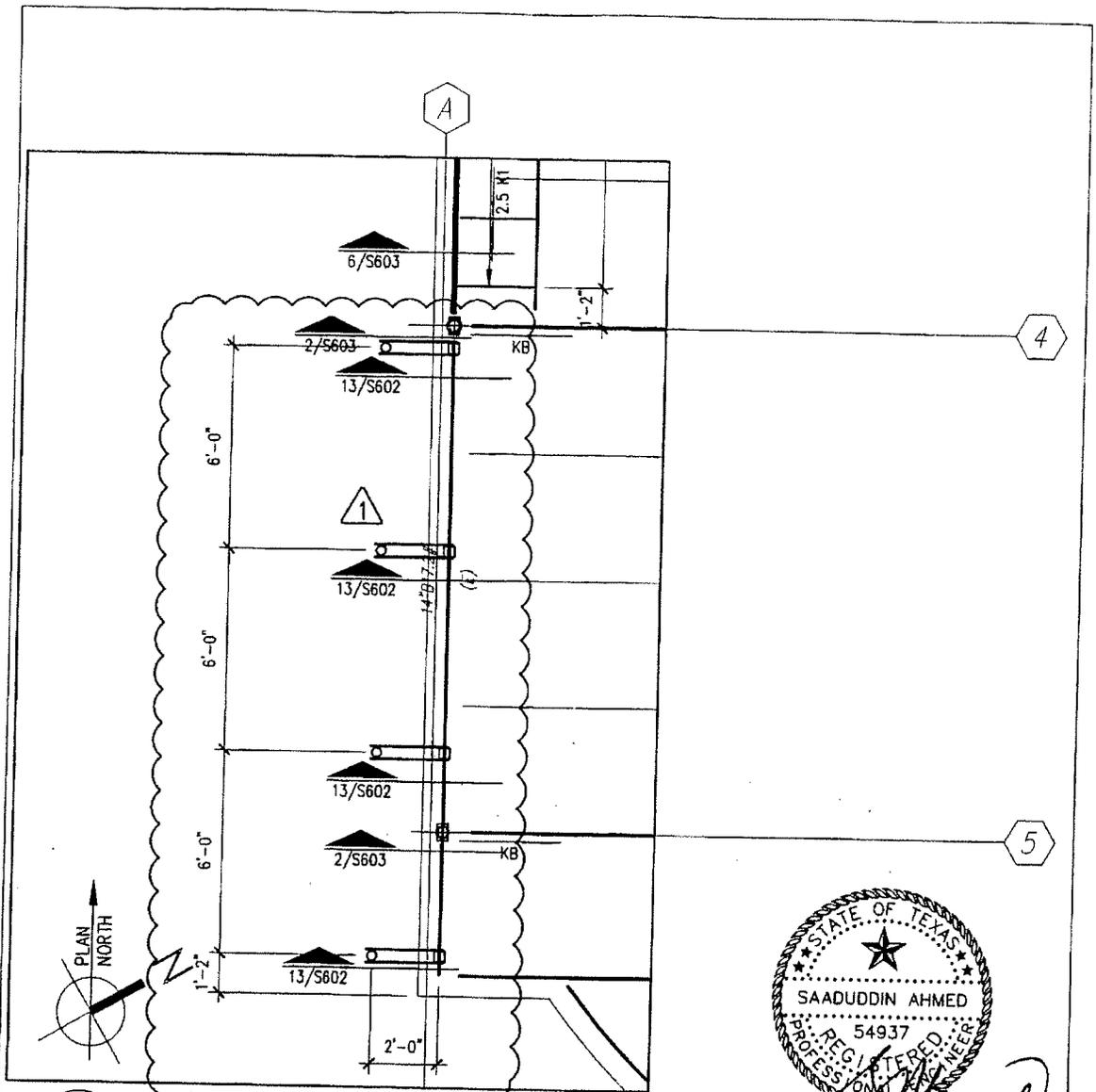


SCALE: 1/4"=1'-0"

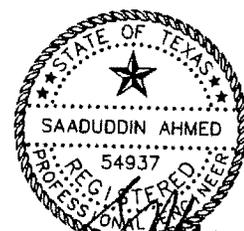
 <p>NATEX CORPORATION ARCHITECTS</p> <p>2300 WILCHESL SHUTE 300 HOUSTON, TEXAS 77042 TELEPHONE: 713-973-8825 FAX: 713-188-7254</p>	<p>SHEET NO: S301</p>	 <p>CITY OF HOUSTON GENERAL SERVICES DEPARTMENT</p>
	<p>PROJECT : FIRE STATION 20 ADDRESS : 6902 NAVIGATION HOUSTON, TEXAS 77011</p> <p>WBS No: ADDENDUM No: 01 DATE: MAY 11, 2009</p>	



 NATEX CORPORATION ARCHITECTS <small>2500 WILCREST, SUITE 308 HOUSTON, TEXAS 77042 TELEPHONE: 713-975-9655 FAX: 713-780-7824</small>	SHEET NO: S501	 CITY OF HOUSTON GENERAL SERVICES DEPARTMENT SKETCH NO: SK9
	PROJECT : FIRE STATION 20 ADDRESS : 6902 NAVIGATION HOUSTON, TEXAS 77011 WBS No: ADDENDUM No: 01 DATE: MAY 11, 2009	



1 EXISTING ROOF FRAMING PLAN



Saaduddin Ahmed
5/11/09

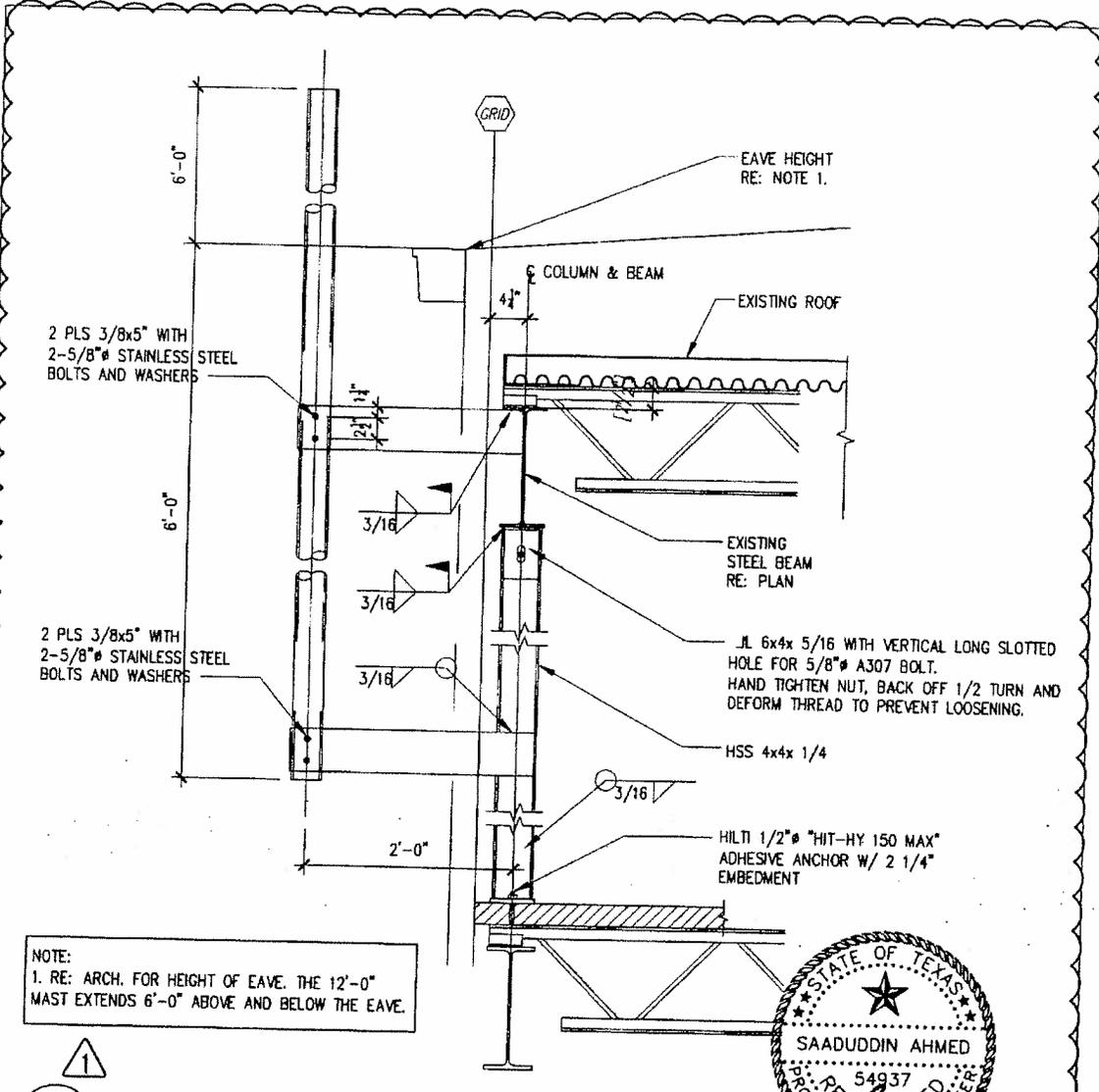
SCALE: 1/4"=1'-0"



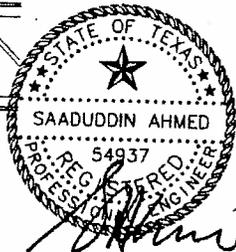
SHEET NO: S302
 PROJECT : FIRE STATION 20
 ADDRESS : 6902 NAVIGATION
 HOUSTON, TEXAS 77011
 WBS No:
 ADDENDUM No: 01
 DATE: MAY 11, 2009



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 SKETCH NO: SK10



NOTE:
 1. RE: ARCH. FOR HEIGHT OF EAVE. THE 12'-0" MAST EXTENDS 6'-0" ABOVE AND BELOW THE EAVE.



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13 SECTION - MAST SUPPORT

SCALE: 3/4"=1'-0"



SHEET NO: S802

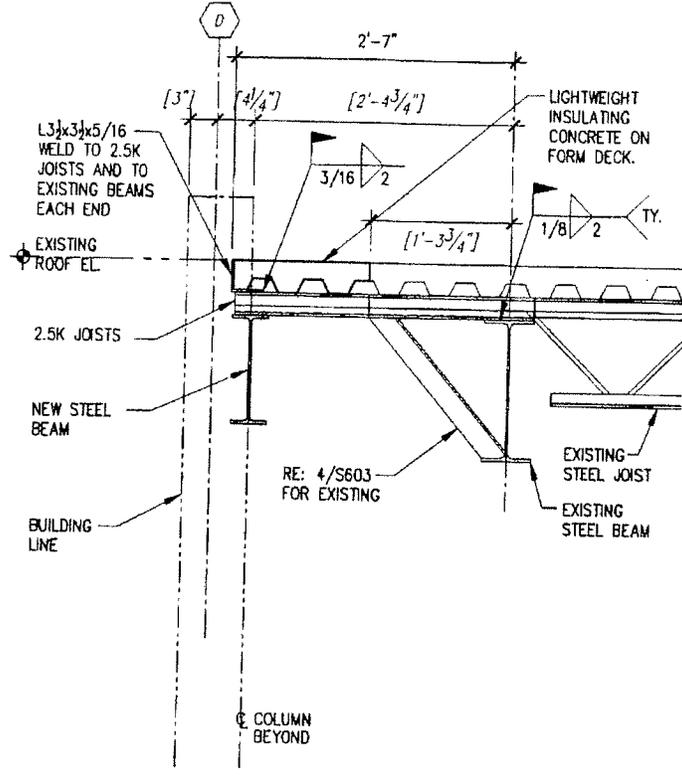
PROJECT : FIRE STATION 20
 ADDRESS : 6902 NAVIGATION
 HOUSTON, TEXAS 77011

WBS No:
 ADDENDUM No: 01
 DATE: MAY 11, 2009



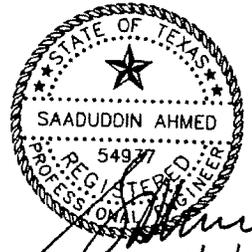
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SKETCH NO: SK11



6 SECTION

SCALE: 3/4"=1'-0"



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SHEET NO: S603
 PROJECT: FIRE STATION 20
 ADDRESS: 6902 NAVIGATION
 HOUSTON, TEXAS 77011
 WBS No:
 ADDENDUM No: 01
 DATE: MAY 11, 2009



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SKETCH NO: SK12