

LEGAL DESCRIPTION:

BASED UPON HARRIS COUNTY TAX ASSESSOR DATA, ANNEXED BY ORDINANCE NO. 3351 DATED DECEMBER 31, 1956; TRANSFERRED FROM THE CITY OF HOUSTON AVIATION DEPARTMENT TO FIRE DEPARTMENT FOR FIRE TRAINING CENTER, 14,806 ACRES INCLUDING HALF OF LOT 14 AND LOT 16 IN ITS ENTIRETY LOCATED IN THE ORANGEDALE SUBDIVISION PER SURVEY: HARRIS COUNTY TEXAS ABSTRACT NO. 1575, PLAT FILED FOR RECORD MARCH 15, 1909. HCAD HAS PROPERTY DESCRIBED AS: LOTS 1 TO 11, 13, 15, 13, EAST HALF OF 14 (LOT 16 INCLUDED CALLED EAST HALF OF 14), CALLED EAST HALF OF 14), PARTIAL LOT 12 OF TRACT 12C, ORANGEDALE SUBDIVISION.

GENERAL NOTES:

- G.C. SHALL PERFORM CONSTRUCTION ACTIVITIES AND FURNISH AND INSTALL MATERIALS IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE, AND NATIONAL CODES INCLUDING A.D.A..
- DRAWINGS SHOW INTENT OF WORK TO BE PERFORMED. CONTRACTOR SHALL PROVIDE MATERIALS, LABOR, CONNECTIONS FABRICATIONS AND ACCESSORIES FOR A COMPLETED PROJECT.
- GENERAL CONTRACTOR (G.C.) SHALL COORDINATE WORK OF OTHER TRADES ON THE PROJECT SITE.
- G.C. SHALL COMPLETE WORK AS INDICATED.
- G.C. SHALL OBTAIN PERMITS, APPROVALS, INSPECTIONS, CERTIFICATE OF COMPLIANCE, CERTIFICATE OF OCCUPANCY, AND OTHER DOCUMENTS NECESSARY TO COMPLETE THE PROJECT.
- G.C. SHALL REVIEW THE CONTRACT DOCUMENTS AND PERFORM WORK IN COMPLIANCE WITH THOSE DOCUMENTS.
- G.C. TO MAINTAIN REQUIRED DOCUMENTS AND UP-TO-DATE CONSTRUCTION PLANS AT JOB SITE.
- DO NOT SCALE DRAWINGS. CONTACT ARCHITECT FOR QUESTIONS ABOUT BUILDING DIMENSIONS, AND GENERAL CONSTRUCTION QUESTIONS.
- SEE PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION ON FLOOR DRAINS, FLOOR SINKS, CLEANOUTS, ETC.
- G.C. SHALL PROVIDE TEMPORARY SERVICES INCLUDING BARRICADE CONSTRUCTION (IF REQUIRED), POWER, LIGHTING, AND TELEPHONE. REMOVE TEMPORARY SERVICES PRIOR TO COMPLETION AND CLEAN SPACE PER SPECIFICATIONS.
- G.C. SHALL BE RESPONSIBLE FOR SAFETY PRECAUTIONS DURING CONSTRUCTION.
- G.C. SHALL TAKE ALL NECESSARY PRECAUTIONS TO ENSURE THAT THERE WILL BE NO CONSTRUCTION RELATED DAMAGE TO THE SURROUNDING PROPERTY IF SUCH DAMAGE OCCURS, G.C. SHALL REPAIR SAME.
- G.C. SHALL PROVIDE A ONE (1) YEAR WARRANTY ON LABOR AND MATERIALS FROM THE DATE OF SUBSTANTIAL COMPLETION.
- SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION FOR FLOOR OUTLETS OF ALL KINDS.
- THIS PROJECT ADDS ONLY AN ADDITIONAL EGRESS DOOR AND AN EXTERIOR STAIRWAY.

CODE REVIEW

I. GENERAL - PROPOSED CONSTRUCTION ANALYZED BELOW:

BUILDING ORIGINALLY PERMITTED UNDER IBC 2003, COH AMENDED. ORIGINAL BUILDING WAS PERMITTED AS #06091331 TYPE IIB NON-RATED, NON-SPRINKLERED CONSTRUCTION GROUP A3 UNSEPARATED OCCUPANCY (MOST RESTRICTIVE OCCUPANCY)

ALLOWABLE HEIGHT/AREA ANALYSIS

ALLOW. HEIGHT: 2 STORIES, 55 FT/9,500 SF PER FLOOR WITHOUT MODIFICATIONS; 16,625 SF PER FLOOR WITH MODIFICATIONS

ALLOW. AREA: $A_a = \{At + [At \times If] + [At \times Is]\}$ eq. 5-1
 If = $[F/p - 0.25] w/30$ eq. 5-2 If=0.75
 f=330 ft. Is = NOT APPLICABLE, NO SPRINKLERING
 p=330 ft. At=9,500 SF
 w=>30 ft.

THEREFORE $A_a = \{9,500sf + [9,500sf \times 0.75]\} = [9,500sf \times 0] = 16,625sf$

THEREFORE ALLOWABLE AREA = 16,625sf PER FLOOR
 NO INCREASE NECESSARY

PROPOSED AREA:	
FIRST FLOOR BUILDING AREA:	7,041 GSF
SECOND FLOOR BUILDING AREA:	3,775 GSF
	10,816 TOTAL (ok)

II. EXIT REQUIREMENTS

FIRST FLOOR AREA (NO CHANGE)					
BUILDING AREA PER CODE: 7,041 GSF					
ROOM FUNCTION / NO.	OCC. LOAD RATIO	ROOM AREA	OCCUPANT COUNT	MULTI-EXITS REQ.	EXITS PROV.
TRAINING OPEN BAY 110	1/50 NSF	1011 NSF	20		
TRAINING OPEN BAY 106	1/50 NSF	1132 NSF	23		
TRAINING 109	1/50 NSF	187 NSF	9		
GREEN RM 113	1/15 NSF	448 NSF	30		
GREEN RM 102	1/15 NSF	488 NSF	33		
DATA / TEL RM 114	1/300 NSF	183 NSF	1		
CLASSROOM 115	1/20 NSF	858 NSF	43		
LOUNGE 100	1/20 NSF	1053 NSF	19		
SUB-TOTAL FIRST FLOOR			178 OCCUPANTS	2	2

SECOND FLOOR AREA (NO CHANGE)					
BUILDING AREA PER CODE: 3,775 GSF					
ROOM FUNCTION / NO.	OCC. LOAD RATIO	ROOM AREA	OCCUPANT COUNT	MULTI-EXITS REQ.	EXITS PROV.
BUSINESS OCCUPANCY	1/100 NSF	3,775 NSF	38		
SUB-TOTAL SECOND FLOOR			38 OCCUPANTS	1	1

FIRST FLOOR OCCUPANTS:	178 OCCUPANTS
SECOND FLOOR OCCUPANTS:	38 OCCUPANTS
TOTAL BUILDING OCCUPANTS:	216 OCCUPANTS
(NO CHANGE)	
EGRESS WIDTH	
STAIRS @ 0.3"/OCC	OTHER @ 0.2"/OCC.
SECOND FLOOR REQ.	38 OCC @ 0.3" = 11.4"
SECOND FLOOR PROV.	70" MIN.
FIRST FLOOR REQ.	38 SECOND+178 FIRST = 216 @ 0.2" = 43.2" REQ.
FIRST FLOOR PROV.	288"

III. PLUMBING FIXTURE REQUIREMENTS

(NO CHANGE)											
OCCUPANT	USE GROUP	OCC.	50% UR IN MALE		WC		LAVS		DRINK FNTN		
			50%	F	RATE	REQ. FIXT.	RATE	REQ. FIXT.	RATE	REQ. FIXT.	
BUSINESS	B	216	108	-	1/50	2	1/40	3	NA	NA	
			108	-	-	-	1/40	3			
OCCUPANT TOTAL		216	108	108							
REQ. FIXT. TOTAL					2 MIN	2 MIN	6 MIN	0 MIN			
PROVIDED FIXT.					5 PROV.	3 PROV.	6 PROV.	4 PROV.			

ABBREVIATIONS:

Ø & #	DIAMETER AND CENTERLINE	INT. JOINT	INTERIOR JOINT
AB.	ABOVE	J.T. KB.	KEYBOARD TRAY
ADD.	ADDENDUM	L. LAM.	LAMINATED
A/C	AIR CONDITIONING	LAV.	LAVATORY
ALUM.	ALUMINUM	LI.	LIGHT
APPX.	APPROXIMATE	MAX.	MAXIMUM
ARCH.	ARCHITECTURAL	M.B. MECH.	MACHINE BOLT MECHANICAL
BD.	BOARD	M.F.	MANUFACTURER
BLDG.	BUILDING	M.H.	MANHOLE
BLKG.	BLOCKING	MOR	MANAGER
BM.	BEAM	MFG	MANUFACTURING
BOT.	BOTTOM	MIN.	MINIMUM
BTWN.	BETWEEN	MISC.	MISCELLANEOUS
BUILT UP ROOF	BUILT UP ROOF	M.O.	MASONRY OPENING
CATV	CABLE TELEVISION	MTD.	MOUNTED
CB.	CHALKBOARD	MUL.	MULLION
CEM.	CERAMIC	N.I.C.	NOT IN CONTRACT
CER.	CERAMIC	NO.	NUMBER
CFCI	CONTRACTOR FURNISH CONTRACTOR INSTALL	NOM.	NORMAL
CFI	CONTRACTOR FURNISH OWNER INSTALL	N.T.S.	NOT TO SCALE
C.I.	CAST IRON	O.A.	OVERALL
C.J.	CONTROL JOINT	O.C.	ON CENTER
C.L.G.	CEILING CLEAR	O.D.	OUTSIDE DIAMETER
C.M.U.	CONCRETE MASONRY UNIT	O.P.	OWNER FURNISHED CONTRACTOR INSTALLED
C.O.	CEILING OPENING	O.P.P.	OPPOSITE HAND
C.O.	CLEANOUT	O.P.P.	OPENING OPPOSITE OUT TO OUT
CONC.	CONCRETE	O.P.	OPPOSITE
CONN.	CONNECTION	O.P.	OPENING
CONSTR.	CONSTRUCTION	O.P.	OPENING
CONT.	CONTINUOUS	O.P.	OPENING
CONTR.	CONTRACTOR	O.P.	OPENING
C.Y.	CUBIC YARD	O.P.	OPENING
D.	DEEP OR DEPTH	O.P.	OPENING
DBL.	DOUBLE	O.P.	OPENING
DEMO	DEMOLISH	O.P.	OPENING
DEPT.	DEPARTMENT	O.P.	OPENING
DIA.	DIAMETER	O.P.	OPENING
DN.	DOWN	O.P.	OPENING
DR.	DOWN	O.P.	OPENING
DS.	DOWNSPOUT	O.P.	OPENING
DWG.	DRAWING	O.P.	OPENING
E.A.	EXTERIOR INSULATION & FINISH SYSTEM	O.P.	OPENING
E.F.S.	EXPANSION JOINT	O.P.	OPENING
E.L.E.C.	ELECTRICAL	O.P.	OPENING
ELEV.	ELEVATION	O.P.	OPENING
E.Q.	EQUAL	O.P.	OPENING
EQUIP.	EQUIPMENT	O.P.	OPENING
ETR.	EXISTING TO REMAIN	O.P.	OPENING
E.W.	EACH WAY	O.P.	OPENING
EXT.	EXTERIOR	O.P.	OPENING
F.C.	FACE OF CONCRETE	O.P.	OPENING
F.D.	FLOOR DRAIN	O.P.	OPENING
F.F.	FINISH FLOOR	O.P.	OPENING
F.H.	FIRE HYDRANT	O.P.	OPENING
FIN.	FINISH	O.P.	OPENING
F.S.	FINISH SLAB	O.P.	OPENING
FIXT.	FIXTURE	O.P.	OPENING
FLR.	FLOOR	O.P.	OPENING
FL.	FLOW LINE	O.P.	OPENING
FLUOR.	FLUORESCENT	O.P.	OPENING
F.M.	FACE OF MASONRY	O.P.	OPENING
F.O.F.	FACE OF FINISH	O.P.	OPENING
F.O.S.	FACE OF STUD	O.P.	OPENING
F.S.	FLOOR SINK	O.P.	OPENING
FT.	FOOT/FEET	O.P.	OPENING
FTG.	FOOTING	O.P.	OPENING
GA.	GAUGE	O.P.	OPENING
GALV.	GALVANIZED	O.P.	OPENING
GL.	GLASS	O.P.	OPENING
GND.	GROUND	O.P.	OPENING
GR.	GRADE	O.P.	OPENING
GTP.	GYPSONUM	O.P.	OPENING
H.C.	HANDICAP	O.P.	OPENING
H.B.	HOSE BIBB	O.P.	OPENING
H.C.	HOLLOW CORE	O.P.	OPENING
HDR.	HEADER	O.P.	OPENING
HDW.	HARDWARE	O.P.	OPENING
H. OR HT.	HEIGHT	O.P.	OPENING
H.M.	HOLLOW METAL	O.P.	OPENING
HORIZ.	HORIZONTAL	O.P.	OPENING
HTG.	HEATING	O.P.	OPENING
HWWD.	HARDWOOD	O.P.	OPENING
HVAC	HEATING, VENTILATION & AIR CONDITIONING	O.P.	OPENING
I.D.	INSIDE DIAMETER	O.P.	OPENING
IN.	INCH	O.P.	OPENING
INSUL.	INSULATION	O.P.	OPENING
		O.P.	OPENING

MATERIAL SYMBOLS:

[Symbol]	FACE BRICK	[Symbol]	BATT INSULATION
[Symbol]	CONCRETE MASONRY UNIT	[Symbol]	STEEL IN SECTION
[Symbol]	STRUCTURAL CLAY TILE	[Symbol]	SHEET METAL IN ELEVATION
[Symbol]	MARBLE	[Symbol]	CERAMIC TILE (LARGE SCALE) (SMALL SCALE)
[Symbol]	CONCRETE	[Symbol]	QUARRY TILE
[Symbol]	EARTH FILL	[Symbol]	RESILIENT TILE
[Symbol]	LIGHTWEIGHT INSULATING FILL	[Symbol]	CARPET
[Symbol]	CONTINUOUS WOOD MEMBER	[Symbol]	PLASTER OR STUCCO ON METAL LATH
[Symbol]	WOOD BLOCKING	[Symbol]	GYPSONUM BOARD (ALL TYPES)
[Symbol]	FINISHED OR MILLED WOOD & TRIM	[Symbol]	METAL STUD PARTITION (SMALL SCALE)
[Symbol]	PLYWOOD	[Symbol]	WOOD FRAME PARTITION
[Symbol]	TERRAZZO	[Symbol]	STEEL SHAPES
[Symbol]	EXPOSED AGGREGATE	[Symbol]	GLASS & FRAME
[Symbol]	RIGID INSULATION	[Symbol]	DOOR & FRAME
[Symbol]	BUILT-UP ROOFING	[Symbol]	

DRAWING SYMBOLS:

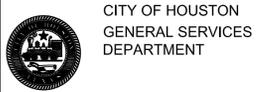
[Symbol]	ENLARGED DETAIL	[Symbol]	FIRE EXTINGUISHER
[Symbol]	ACOUSTIC CONSTRUCTION	[Symbol]	EXTINGUISHER & CABINET
[Symbol]	FIRE RATING	[Symbol]	
[Symbol]	HEIGHT STUD OR CMU SIZE	[Symbol]	
[Symbol]	PARTITION KEY	[Symbol]	
[Symbol]	BUILDING SECTION CUT SYMBOL (EITHER SECTION SYMBOL IS APPROPRIATE)	[Symbol]	
[Symbol]	ELEVATION SYMBOL	[Symbol]	
[Symbol]	DETAIL SECTION CUT SYMBOL	[Symbol]	
[Symbol]	GRADE ELEVATIONS (EXISTING) (NEW)	[Symbol]	
[Symbol]	ADDENDUM OR PLAN CHANGE SYMBOL	[Symbol]	
[Symbol]	PLAN CHANGE SYMBOL & CLOUD	[Symbol]	

DRAWING INDEX

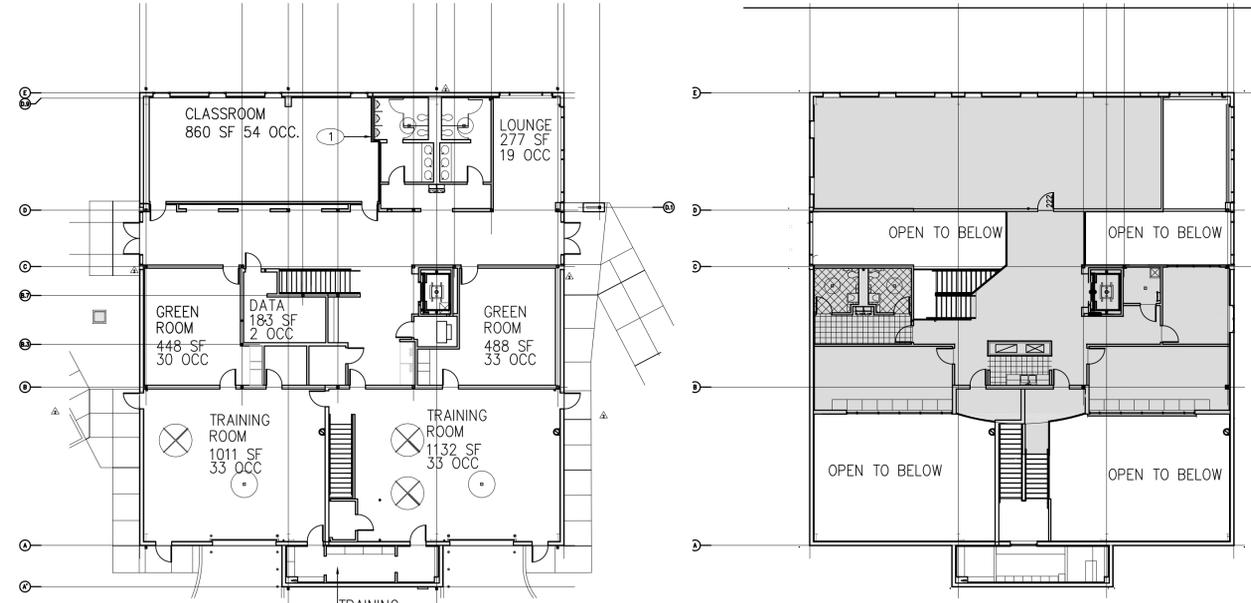
SHEET TITLE	21 MAY 2012
0001 GENERAL INFORMATION, NOTES, DRAWING INDEX AND CODE INFORMATION	
ARCHITECTURAL	
SHEET TITLE	
A100 ARCHITECTURAL SITE PLAN	
A101 FIRST FLOOR PLAN - ENLARGED STAIR PLAN	
A200 SECOND FLOOR PLAN - ENLARGED STAIR PLAN	
A201 EXTERIOR ELEVATIONS	
A202 LARGE SCALE STAIR ELEVATION	
A300 SECTION THROUGH STAIR	
A300 DETAILS	
STRUCTURAL	
SHEET TITLE	
S0 GENERAL NOTES	
S1 FOUNDATION PLAN	
S2 FOUNDATION DETAILS	
S3 FRAMING PLAN	



CITY OF HOUSTON
 GENERAL SERVICES DEPARTMENT
 VAL JAHNKE FIRE TRAINING SIMULATOR BUILDING STAIR ADDITION
 P.O. Number: 4500154765-0



ENVIRONMENTS
 ARCHITECTURE • INTERIORS • LANDSCAPE • PLANNING
 11767 Katy Freeway, Suite 400 Houston, Texas 77079
 281-759-1513 ph 281-759-1723 fx

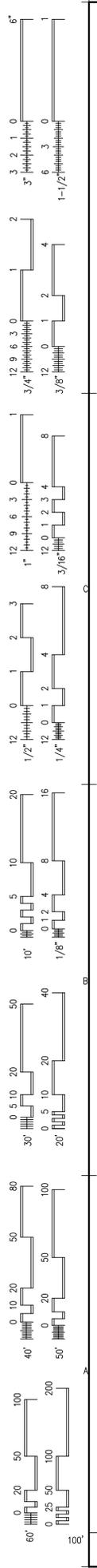


FIRST FLOOR CODE ANALYSIS PLAN

SHADED AREA = 3,693 SF

SECOND FLOOR CODE ANALYSIS PLAN

A1 CODE ANALYSIS



GENERAL NOTES:

Structural steel stair framing and supports are shown to depict the design intent of the Architect, and are based on generally accepted principles of stair design, including ADA and local codes. They are not illustrative of the sizes, shapes and weights of members necessary to achieve a structurally compliant design. Within the sizes indicated, the contractor shall cause a stair design to be made that complies with requirements of the code and other local jurisdictions for structural soundness, and submit same for approval by the Architect.

REFERENCES
 ASTM E 935 - Standard Test Methods for Performance of Permanent Metal Railing Systems and Rails for Buildings; 2000.
 NAAMM AMP 510 - Metal Stairs Manual; The National Association of Architectural Metal Manufacturers; 1992, Fifth Edition.

DESIGN REQUIREMENTS
 A. Design and fabricate stair assembly to support a uniform live load of 100 lb/sq ft and a concentrated load of 300 lb with deflection of stringer or landing framing not to exceed 1/180 of span.
 B. Design railing assemblies, wall rails, and attachments to resist lateral force of 250 lbs at any point without damage or permanent set. Test in accordance with ASTM E 935.
 C. Fabricate metal stairs to comply with NAAMM AMP 510, Class Architectural.

QUALITY ASSURANCE
 A. Perform design and prepare shop drawings under direct supervision of a Professional Structural Engineer experienced in design of this work and licensed in the State in which the Project is located.

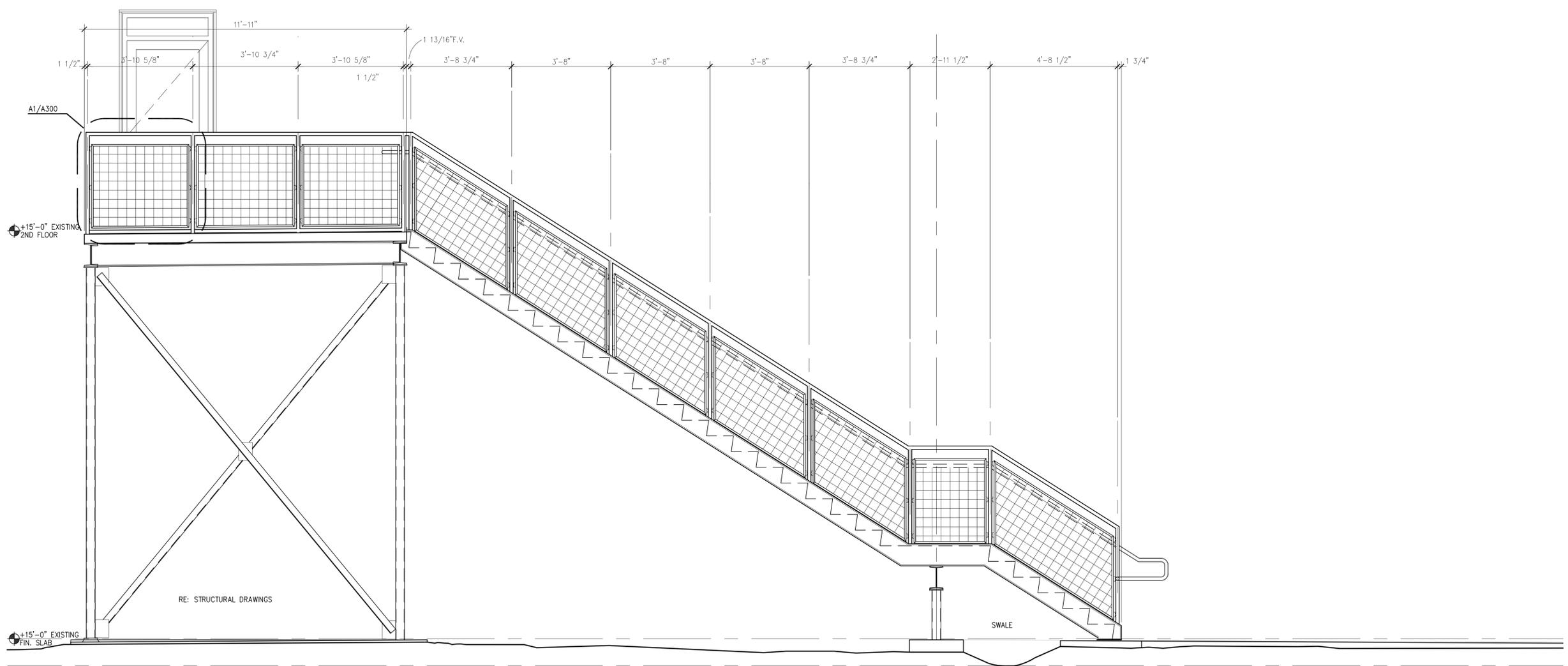


CITY OF HOUSTON
 GENERAL SERVICES DEPARTMENT
 VAL JAHNKE FIRE TRAINING SIMULATOR BUILDING
 STAIR ADDITION
 P.O. Number: 4500154765-0



CITY OF HOUSTON
 GENERAL SERVICES DEPARTMENT

ENVIRONMENTS s.c.d.
 ARCHITECTURE • INTERIORS • LANDSCAPE • PLANNING
 11767 Katy Freeway, Suite 400 Houston, Texas 77079
 281-759-1513 ph 281-759-1723 fx

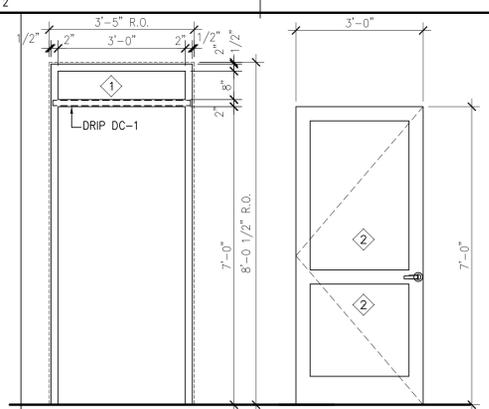
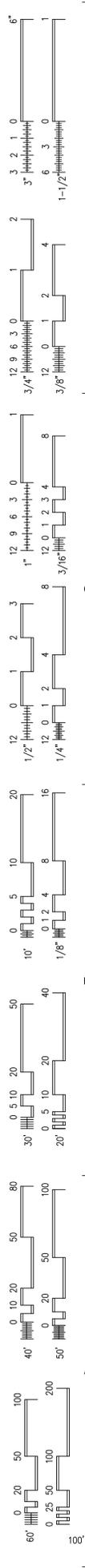
A1 ENLARGED SECTION
 RE: 000

1/2"=1'-0"

REVISIONS

SCALE:	1/2"=1'-0"
JOB NO.	2200210
DRAWN BY:	MSM
CHECKED BY:	MSM
DATE:	21MAY2012 ISSUED FOR PERMIT
SHEET TITLE	ENLARGED ELEVATION

SHEET NUMBER	A201
SHEET	6 OF 12
COPYRIGHT ENVIRONMENTS & CO. 2012	



GLAZING SCHEDULE

1 1" INSULATED GLASS:
OUTBOARD: 1/4" (6mm) PILKINGTON EVERGREEN ECLIPSE ADVANTAGE REFLECTIVE LOW E (#2 SURFACE) GLASS
INBOARD: 1/4" (6mm) PILKINGTON OPTIFLOAT CLEAR

2 1/4" TEMPERED GLASS:
1/4" (6mm) PILKINGTON EVERGREEN ECLIPSE ADVANTAGE REFLECTIVE LOW E (#2 SURFACE) GLASS
LOW-E COATING SHALL BE PROLITIC, NOT SPUTTER COATED.

GLAZING SCHEDULE GENERAL NOTES

- GLAZING MANUFACTURER SHALL PROVIDE HEAT STRENGTHENED LITES, UNLESS WRITTEN AUTHORIZATION IS PROCURED FROM ARCHITECT.
- AIRSPACE SHALL BE DEHYDRATED AIR OR ARGON.
- GLASS SHALL MATCH EXISTING BUILDING GLASS IN APPEARANCE AND PERFORMANCE.

ENERGY PERFORMANCE OF THIS ASSY.

ITEM	AREA	R ² CAVITY	R ² CONT.	PROP. "U"	SHGC	PROJ. FACTOR	NOTES
FRAME 1	2.8 SF	---	---	0.30	0.33	---	(1)
DOOR TYPE A	23.3 SF	---	---	0.67	0.37	---	

ENERGY PERFORMANCE NUMBERED NOTES

(1) SUBMITTAL REQUIREMENT: SUPPLIER SHALL PROVIDE SAMPLE TO PROVE APPEARANCE MATCH WITH EXISTING WINDOWS. THIS ENERGY CRITERIA REPRESENTS THE MINIMUM ACCEPTABLE ENERGY PERFORMANCE.

DOOR AND FRAME SCHEDULE

MARK	DOOR			FRAME			FIRE RATE (MINS)	SET NO	KEY SIDE	FUNCTION	NOTES					
	W	H	T	MATL	EL	GLAZE						MATL	HEAD	DETAIL	JAMB	SILL
222A	3'-0"	7'-0"	1-3/4"	AN	F	TG	AL	C1A/A300	C1B/A300	B3/A300	F13	NA	17	EXT	ENTRANCE	1

DOOR SCHEDULE ABBREVIATIONS
AN CLEAR ANOD. ALUMINUM TG TEMPERED SAFETY GLASS

DOOR SCHEDULE NUMBERED NOTES

- DOOR TO HAVE A READILY VISIBLE AND DURABLE SIGN ON OR ADJACENT TO DOOR STADING. THIS DOOR TO REMAIN UNLOCKED WHEN BUILDING IS OCCUPIED IN 1 HIGH LETTERS.

HARDWARE SETS

NO.	HINGES	LOCK	BOLT	STOP	CLOS	PUSH PULL	SLNCR	OTHER	NOTE
17	(1 PR) P1	L6	---	S2	C1	---	---	SL2, SW1, DC1	2, 3, 4

HARDWARE ITEMS PROVIDE LISTED MFR. OR SUBMIT FOR APPROVAL

HINGES/PIVOTS
P1 MINIMUM (1) PAIR PIVOTS/LEAF BY DOOR MFR.
LOCKS PROVIDE BEST CORES/CYLINDERS TO MATCH BLDG STDS
L6 DUAL FORCE 2190 BY ADAMS-RITE OR EQUAL
PROVIDE BLDG. STD. CYLINDER - BEST 7-PIN (CONFIRM).
AND INTERCONNECTION FEATURE TO WITHDRAW LATCH + BOLT STOPS
S2 TRIMCO #1209 HO HD RUBBER STOP & HOLDER - US32D

CLOSER
C1 SARGENT 350/361 SERIES WITH APPROPRIATE ACCESSORIES, ADA COMPLIANT, FACTORY PAINT FINISH, DROP PLATE, PARALLEL ARM - MATCH BUILDING STANDARD.

SILL
SL2 NATIONAL GUARD #896N WITH NEOPRENE BULB SET IN FULL MASTIC BED - AL

DRIP CAP
DC1 NATIONAL GUARD #16A-AL 40"L. (MOUNT TO HEAD FRAME)

SWEEP
SW1 NATIONAL GUARD #200N-AL

HARDWARE SET SCHEDULE GENERAL NOTES

- NUMBERS IN PARENTHESIS INDICATED NUMBER OF ITEMS REQ'D.
- HARDWARE SCHED. INDICATES ARCHITECT'S INTENT. SUPPLIER RESPONSIBLE FOR PROVIDING ALL ACCESSORIES OR MODIFYING THIS SCHEDULE TO INSTALL FUNCTIONING DOOR HARDWARE SYSTEMS.
- LOCKSET CYLINDERS SHALL BE CAPABLE OF GRAND MASTER KEYING. COORDINATE WITH OWNER FOR KEYING SCHEME.

HARDWARE SET SCHEDULE NUMBERED NOTES

- NOT USED
- BALANCE OF HARDWARE BY DOOR SUPPLIER
- COORDINATE KEYING AND FUNCTION WITH OWNER
- INSTALL DROP PLATES/EXT. ARMS AS REQ. ON CLOSERS.

D4 DOOR ELEVATION
RE: N/A

GENERAL NOTES FOR C1A AND C1B

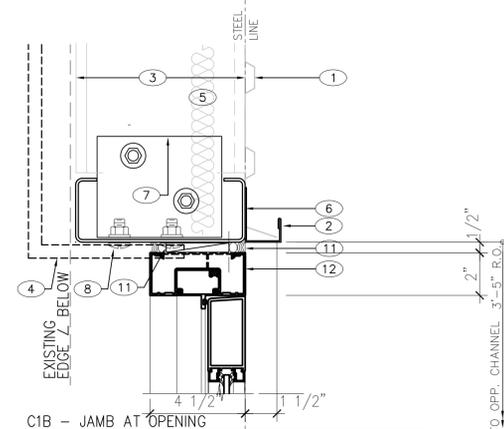
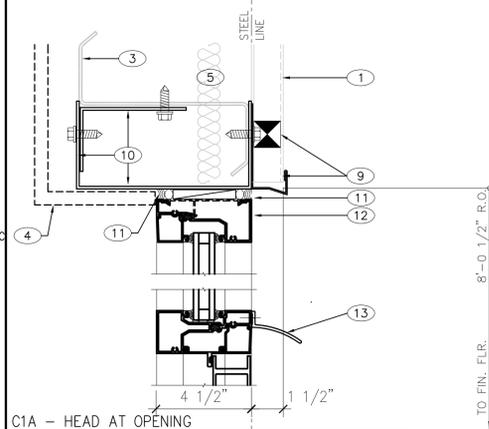
- ATTEMPT TO RE-USE EXISTING PANELS, ONLY REMOVE IF NECESSARY.
- ALL INTERIOR FINISHES ARE NOT IN THIS SCOPE. THEY WILL BE PERMITTED SEPARATELY.

NUMBERED NOTES

- EXISTING PEMB "R" PANEL
- NEW PEMB "J" TRIM @ JAMB 1-1/2"x3", 8-1 1/2" LONG FIELD TRIM
- EXISTING PEMB GIRT
- LINE OF FINISH BY OTHERS PERMITTED SEPARATELY
- EXISTING BATT INSULATION TO REMAIN
- NEW 8X25C16 16 GA. CEE CHANNEL RE: D3/A200
- PEMB CLIP AND ANCHORS AT SLAB
- USE PAN HEAD FASTENERS ON INTERIOR OF R.O.
- NEW PEMB "DRIP" TRIM @ HEAD 1-1/2"x4" 3'-6" LENGTH.
- NEW 4X8 OPEN CEE + SHEET L - RE: A200
- NEW SHIM WITH SEALANT & BACKER ROD EACH SIDE
- FRAME AND DOOR AS SCHEDULED
- DRIP AS SCHEDULED (HARDWARE)

DOOR AND FRAME SCHEDULE

MARK	DOOR			FRAME			FIRE RATE (MINS)	SET NO	KEY SIDE	FUNCTION	NOTES					
	W	H	T	MATL	EL	GLAZE						MATL	HEAD	DETAIL	JAMB	SILL
222A	3'-0"	7'-0"	1-3/4"	AN	F	TG	AL	C1A/A300	C1B/A300	B3/A300	F13	NA	17	EXT	ENTRANCE	1



C1 HEAD AND JAMB
RE: D4/A300

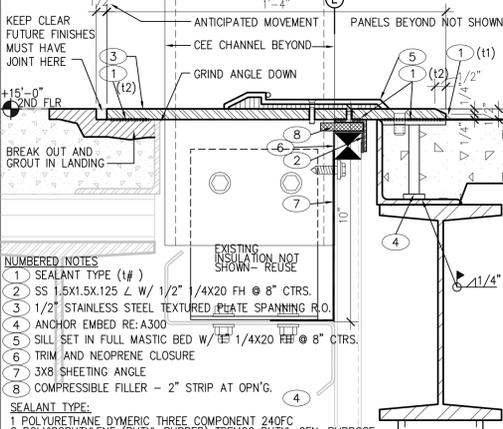
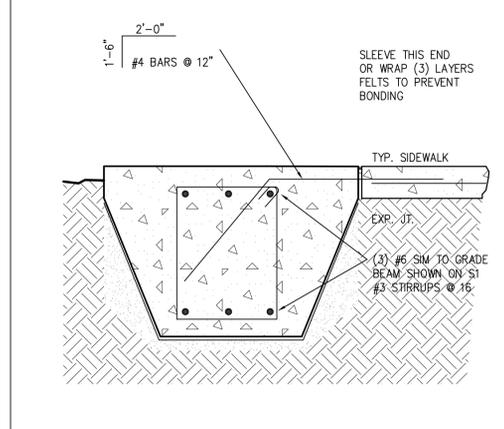
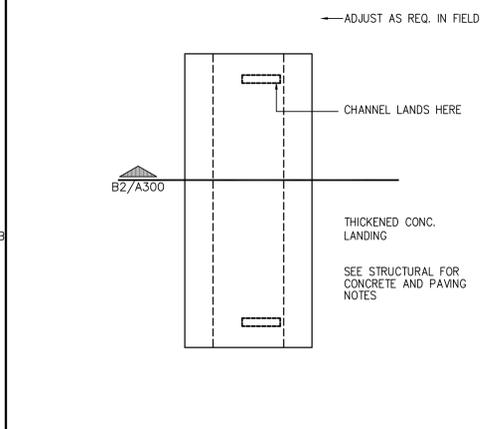
C1B JAMB AT OPENING
RE: N/A

GENERAL NOTES FOR C1A AND C1B

- ATTEMPT TO RE-USE EXISTING PANELS, ONLY REMOVE IF NECESSARY.
- ALL INTERIOR FINISHES ARE NOT IN THIS SCOPE. THEY WILL BE PERMITTED SEPARATELY.

NUMBERED NOTES

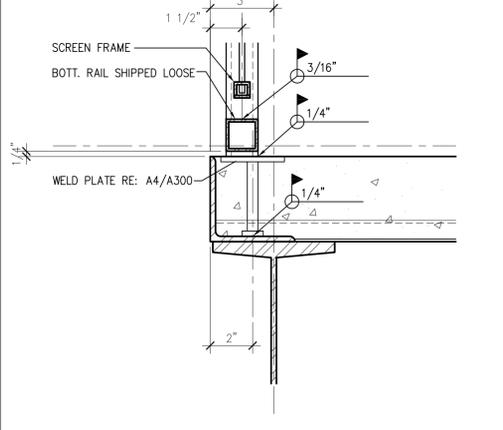
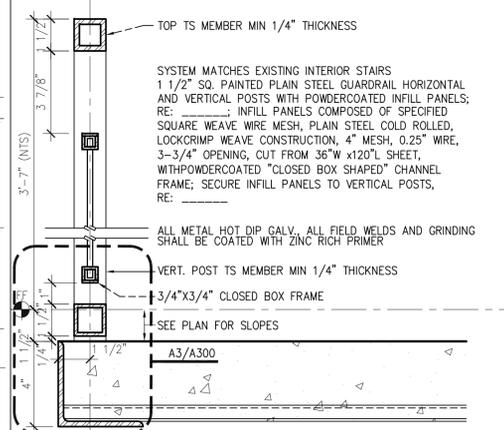
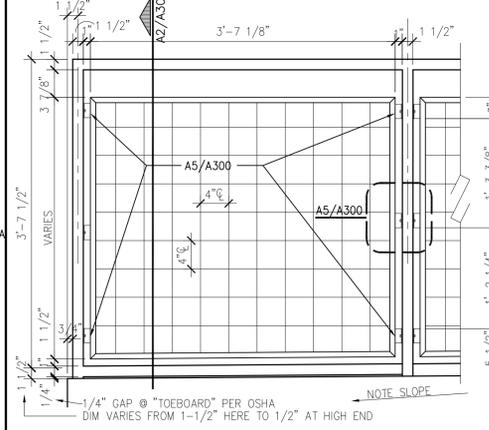
- EXISTING PEMB "R" PANEL
- NEW PEMB "J" TRIM @ JAMB 1-1/2"x3", 8-1 1/2" LONG FIELD TRIM
- EXISTING PEMB GIRT
- LINE OF FINISH BY OTHERS PERMITTED SEPARATELY
- EXISTING BATT INSULATION TO REMAIN
- NEW 8X25C16 16 GA. CEE CHANNEL RE: D3/A200
- PEMB CLIP AND ANCHORS AT SLAB
- USE PAN HEAD FASTENERS ON INTERIOR OF R.O.
- NEW PEMB "DRIP" TRIM @ HEAD 1-1/2"x4" 3'-6" LENGTH.
- NEW 4X8 OPEN CEE + SHEET L - RE: A200
- NEW SHIM WITH SEALANT & BACKER ROD EACH SIDE
- FRAME AND DOOR AS SCHEDULED
- DRIP AS SCHEDULED (HARDWARE)



B1 SIDEWALK LANDING
RE: D2/A101

B2 SIDEWALK LANDING
RE: B3/A300

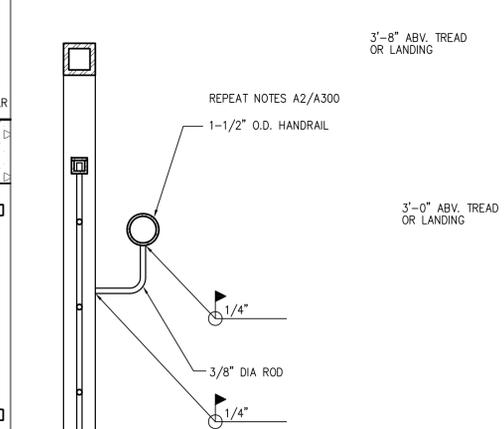
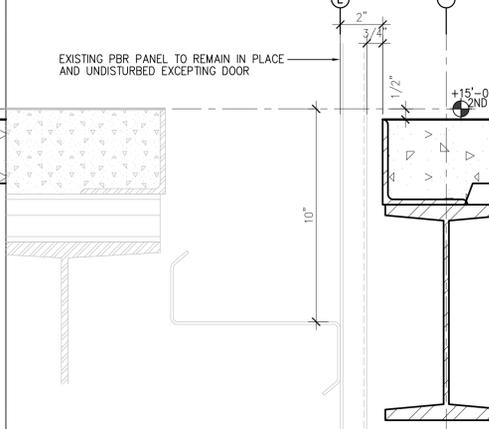
B3 EXPANSION JOINT
RE: N/A



A1 WIRE FRAME
RE: N/A

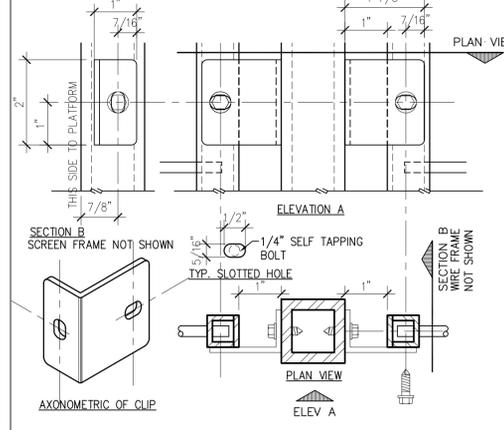
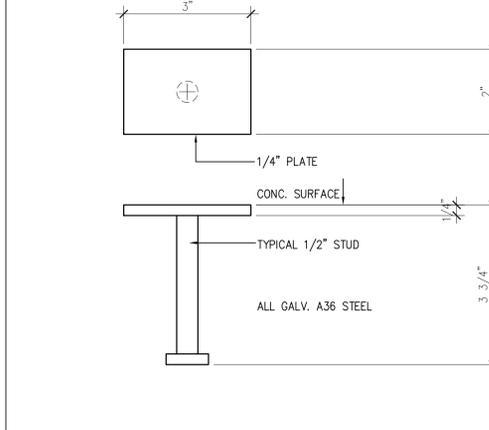
A2 DETAIL
RE: A1/A300

A3 EDGE CONDITION
RE: A2/A300



B4 EDGE @ EXISTING
RE: N/A

B5 HANDRAIL
RE: N/A



A4 EMBED WELD PLATE
RE: A3/A300

A5 DETAIL
RE: A1/A300

CITY OF HOUSTON
GENERAL SERVICES DEPARTMENT
VAL JAHNKE FIRE TRAINING SIMULATOR BUILDING
STAIR ADDITION
P.O. Number: 4500154765-0

ENVIRONMENTS ARCHITECTS
ARCHITECTURE • INTERIORS • LANDSCAPE • PLANNING
11767 Katy Freeway, Suite 400 Houston, Texas 77079
281-759-1513 ph 281-759-1723 fx

REGISTERED ARCHITECT
MICHAEL S. WILSON
STATE OF TEXAS
21 MAY 2012

REVISIONS

NO.	DATE	DESCRIPTION

SCALE: AS SHOWN
JOB NO. 2200210
DRAWN BY: MSM
CHECKED BY: MSM
DATE: 21MAY2012 ISSUED FOR PERMIT
SHEET TITLE
DETAILS
SHEET NUMBER
A300
SHEET 8 OF 12
COPYRIGHT ENVIRONMENTS & CO. 2012

