

Floor Plan General Notes

- A All construction shall be in accordance with the requirements of the applicable codes, engineering shall conform with all applicable municipal, state and federal regulations having jurisdiction including accessibility standards and requirements of "Americans with Disabilities Act".
- B Each trade is advised that information pertinent to its work may occur in various sections of the contract documents. Refer to every sheet of drawings for notes and symbols. Notes shall be reviewed and applied to related building components regardless of their locations in the drawings and specifications.
- C Unless noted otherwise, any note, detail, or feature indicated for one condition shall be applicable for all alike and similar conditions.
- D The contractor shall furnish and install all stiffeners, bracing, backing plated and supporting brackets required for the proper installation of all building components as recommended by the manufacturer and required by code.
- E All dissimilar metals shall be effectively isolated from each other to avoid molecular breakdown.
- F All exterior joints around window and door frames, between walls and foundations, between walls and roof, between wall panels, at penetration of utilities through the envelope shall be sealed or weather-stripped to prevent air and moisture leakage and infiltration.
- G Finish floor elevations are to the top of concrete, unless noted otherwise.
- H Provide firestopping at all column penetrations - reference specifications.
- J Where partitions are removed, patch floor with floor stone as required.

Floor Plan Key Notes

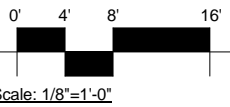
- 1 Extend partition to centerline of window mullion
- 2 8" metal stud partition
- 3 2 hour partition
- 4 2 hour floor expansion joint cover
- 5 Not used
- 6 Not used
- 7 Dry erase presentation wallcovering full length and height of wall. Top of marker tray mounted at 3'-0". Seams shall be kept to a minimum, and a drawing showing proposed locations of the seams shall be submitted to the Architect for approval.
- 8 Smoke barrier - one hour rating
- 9 Provide blocking for TV bracket, coordinate size and height with owner
- 10 Provide 5/8" gyp bd on 1 7/8" furring channels at 16"oc over existing wall
- 11 Canopy column
- 12 Convex mirror, verify exact location with COTR
- 13 Handrail
- 14 Existing window to remain in place. Provide 5/8" gyp bd on metal framing infill at window recess. Apply 5/8" gyp bd over existing plaster wall from inside corner to inside corner. Paint entire south wall. Rework ceiling and flooring to receive new work; replace base.
- 15 Provide approx 1 1/2" topping slab. Level with first floor slab at door
- 16 Verify exact location of partition with owner to surround duct work
- 17 Rework existing carpet at new construction.
- 18 Not used
- 19 6" met. stud partition
- 20 Glass enclosed bulletin board; Refer to specifications for more information.
- 21 Smoke partition
- 22 Provide 20 ga. aluminum cover plate over floor E.J. Attach to one side of floor only & provide 2 hr. fire barrier at e.j.
- 23 Work surface at 30" with 4" splash and supports as needed.

Dimension Notes

- A Interior partitions are dimensioned to the outside face or centerline of partition, unless noted otherwise. Do not scale drawings. Questions regarding dimensions shall be reported to the architect.
- B Refer to large plans for possible continuation of dimensions.

FLOOR PLAN LEGEND

- EWC electric water cooler
- FEC fire extinguisher cabinets
- TV television bracket by owner, blocking by general contractor
- EJ expansion joint
- EJC expansion joint cover



Basement Plan

1/8" = 1'-0"

REVISIONS	DATE
△ Addendum #6 - 07/27/09	11/24/09
△ RFI, #5 - 01/07/10	01/20/10
△ "As-Built" Document Revisions	06/11/12
△ "As-Built" Document Revisions	10/08/12

AS-BUILT DRAWINGS
This document has been prepared based on As-Built information provided by others. Those relying on this document are advised to obtain independent verification of its accuracy before using it for any purpose.

CONSULTANTS:
Jacobs Engineering
JACOBS
10816 EXECUTIVE CENTER DRIVE, SUITE 300
LITTLE ROCK, ARKANSAS 72111-4383
PHONE (501) 223-0515 FAX (501) 223-2470
JACOBS PROJECT NO: F3W81800

ARCHITECT/ENGINEERS:

Tompkins Architects, LLC

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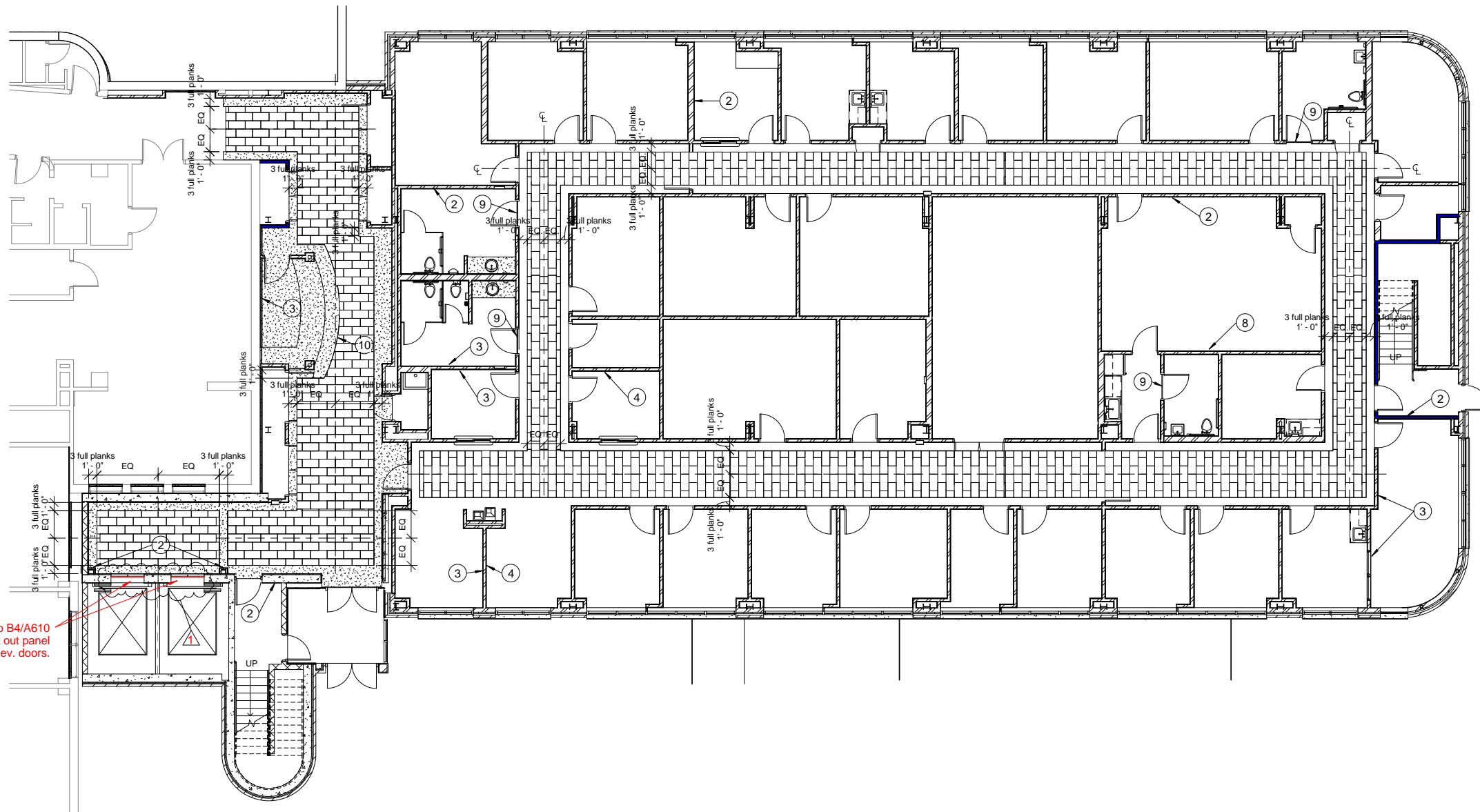
STUCK
associates
ARCHITECTS
Phone: (501) 378-0669
1308 South Main Street
Little Rock, Arkansas 72202

Drawing Title	Basement Plan
Approved: Project Director	


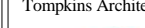
Project Title	Outpatient Mental Health Improvements Overton Brooks Veterans Administration Medical Center
Location	Shreveport, Louisiana
Date	01/20/2010
Checked	Checker
Drawn	Author
Project Number	667-081
Building Number	Bldg. 1, South Wing
Drawing Number	A101
Dwg. 11 of 123	

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Facility
Management

100% Submittal



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<div>REVISIONS</div> <div> <div> <div></div> <div>RFI, #5 - 01/07/10</div> </div> <div>01/20/10</div> </div>		<div>AS-BUILT DRAWINGS</div> <div>This document has been prepared based on As-Built information provided by others. Those relying on this document are advised to obtain independent verification of its accuracy before using it for any purpose.</div>	<div>CONSULTANTS:</div> <div> <div>Jacobs Engineering</div> <div>  <div>10816 EXECUTIVE CENTER DRIVE, SUITE 300 LITTLE ROCK, ARKANSAS 72111-4383 PHONE (501) 223-0515 FAX (501) 223-2470 JACOBS PROJECT NO: F3W81800</div> </div> </div>	<div>ARCHITECT/ENGINEERS:</div> <div> <div>Tompkins Architects, LLC</div> <div>  <div>612 N.W. Kay Drive Lee's Summit, Missouri 64063 Phone: (816) 525-9833 Fax: (816) 524-9005 Email: jet@tom-arch.com</div> <div> <div>STUCK associates ARCHITECTS</div> <div> <div>Phone: (501) 378-0369 www.stuckarch.com</div> <div>1308 South Main Street Little Rock, Arkansas 72202</div> </div> </div> </div> </div>	<div>Drawing Title</div> <div>Basement Paint & Floor Pattern Plan</div> <div>Approved: Project Director</div>	<div>Project Title</div> <div>Outpatient Mental Health Improvements Overton Brooks Veterans Administration Medical Center</div> <div>Location</div> <div>Shreveport, Louisiana</div> <div> <div>Date</div> <div>01/20/2010</div> <div> <div>Checked</div> <div>Checker</div> </div> <div> <div>Drawn</div> <div>Author</div> </div> </div>	<div>Project Number</div> <div>667-081</div> <div>Building Number</div> <div>Bldg. 1, South Wing</div> <div>Drawing Number</div> <div>A102</div> <div>Dwg. 12 of 123</div>	<div>Office of Facility Management</div> <div>100% Submittal</div>
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A three inches = one foot

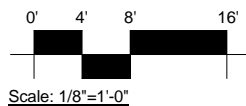
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C three quarters inch = one foot

D one half inch = one foot

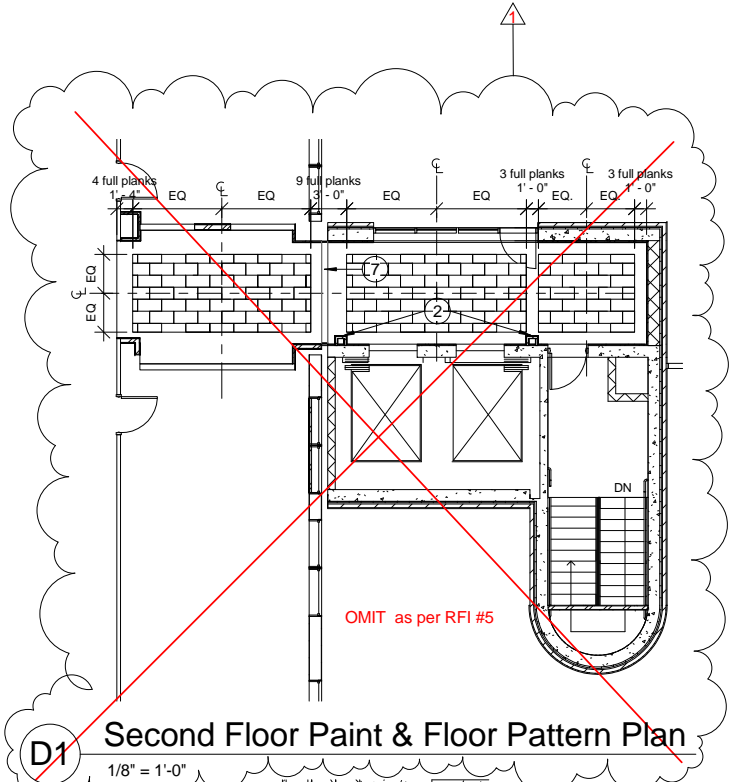
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F one eighth inch = one foot

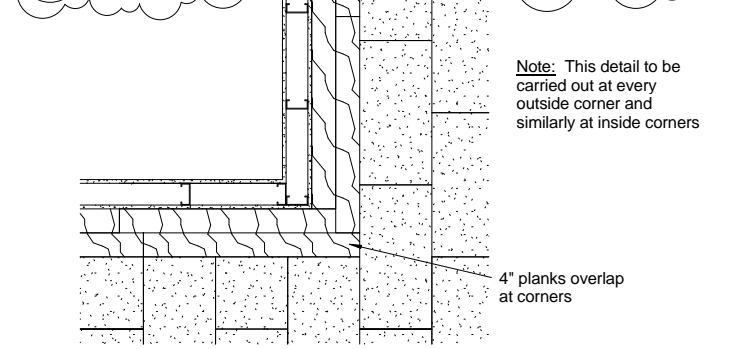


10/22/2012 JCH/RS/PW	REVISIONS		DATE	AS-BUILT DRAWINGS This document has been prepared based on As-Built information provided by others. Those relying on this document are advised to obtain independent verification of its accuracy before using it for any purpose.	CONSULTANTS:		ARCHITECT/ENGINEERS:		Drawing Title		Project Title		Project Number		Office of Facility Management 100% Submittal		
	A	"As-Built" Document Revisions	07/17/12		JACOBS Engineering	Tompkins Architects, LLC	 612 N.W. Kay Drive Lee's Summit, Missouri 64063 Phone: (816) 525-9833 Fax: (816) 524-9005 Email: jet@tom-arch.com  <small>Phone: (501) 378-0059 1308 South Main Street www.stuckarch.com Little Rock, Arkansas 72202</small>		First Floor Plan		Outpatient Mental Health Improvements Overton Brooks Veterans Administration Medical Center		667-081				
					 10816 EXECUTIVE CENTER DRIVE, SUITE 300 LITTLE ROCK, ARKANSAS 7211-4383 PHONE (501) 223-0515 FAX (501) 223-2470 JACOBS PROJECT NO: F3W81800						Building Number		Bldg. 1, South Wing				
									Approved: Project Director		Location		Shreveport, Louisiana			Drawing Number	
											Date		Checked			Drawn	
											01/20/2010		Checker			Author	
													A111				
													Dwg. 13 of 123				

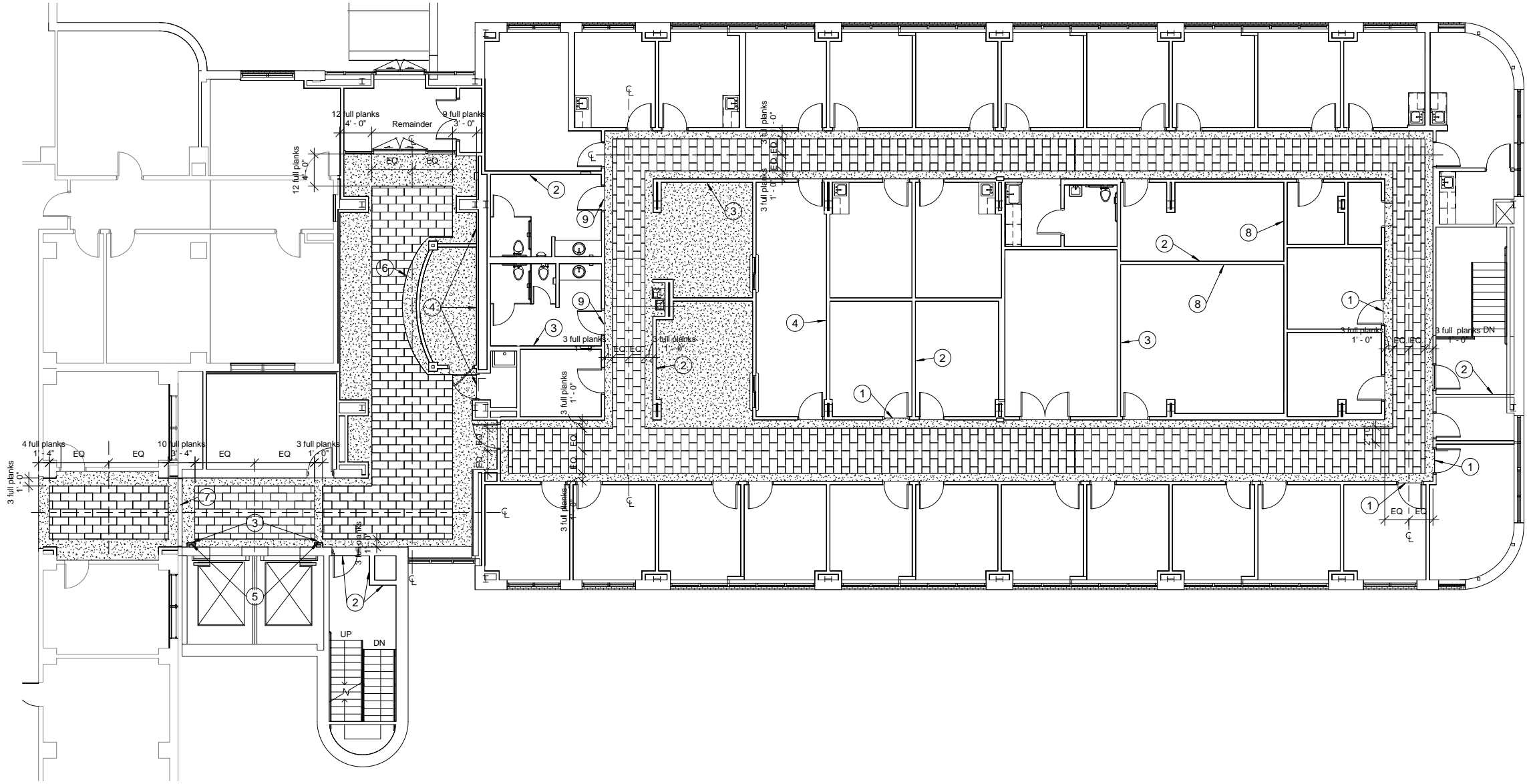
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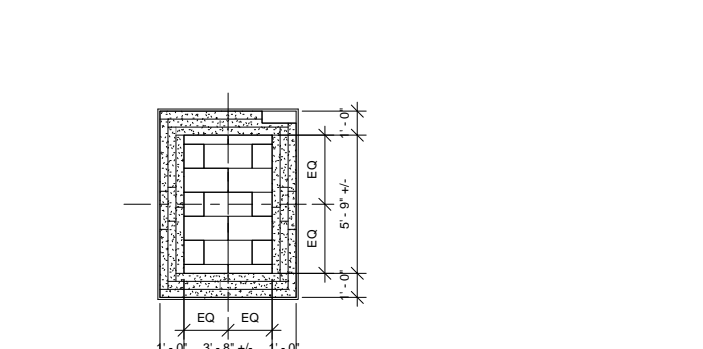
D1 Second Floor Paint & Floor Pattern Plan
1/8" = 1'-0"



F1 Floor Pattern Detail
3/4" = 1'-0"



D3 First Floor Paint & Floor Pattern Plan
1/8" = 1'-0"



1 Elevator Cab Floor Pattern
1/4" = 1'-0"

Paint & Floor Pattern Plan Key Notes

- 1 Transition Strip
- 2 Accent Paint - PT #2
- 3 Accent Paint - PT #3
- 4 Accent Paint - PT #4
- 5 Visually align planks with column
- 6 Radius of flooring R= 13'-3"
- 7 Expansion joint cover
- 8 Dry erase presentation vinyl wallcovering
- 9 Marble threshold
- 10 Radius of flooring R=18'-6"

Floor Pattern Legend

- SVF #1; Refer to Finish Schedule
- SVF #2; Refer to Finish Schedule

Paint / Floor Pattern Plan General Notes

- A All sub-flooring shall be smooth and even; ready to receive specified flooring material. All crevices created from demolition shall be filled.
- B Contractor to verify with Architect transitional strips between different flooring materials if not otherwise noted on finish schedule.
- C Contractor to verify starting point and centerlines of floor patterns prior to installation.
- D Contractor to verify with Architect and Owner final product finish (i.e. wax, non-wax, etc.)
- E Contractor to fill connection at metal door frames. Transition strips and flooring materials with the appropriate color and caulk material.
- F Contractor to provide a smooth, clean edge finish at the edge of floor drains. Coordinate with plumbers and review with Architect.
- G Paint colors shall transition at the inside corners only. Review exact location with Architect.
- H Verify soffit color with Architect.
- I Contractor shall use continuous roll base unless otherwise noted on finish schedule.
- J Paint gypsum board return at windows same color as adjacent wall.

REVISIONS	DATE
RFI, #5 - 01/07/10	01/20/10

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JACOBS PROJECT NO: F3W81800

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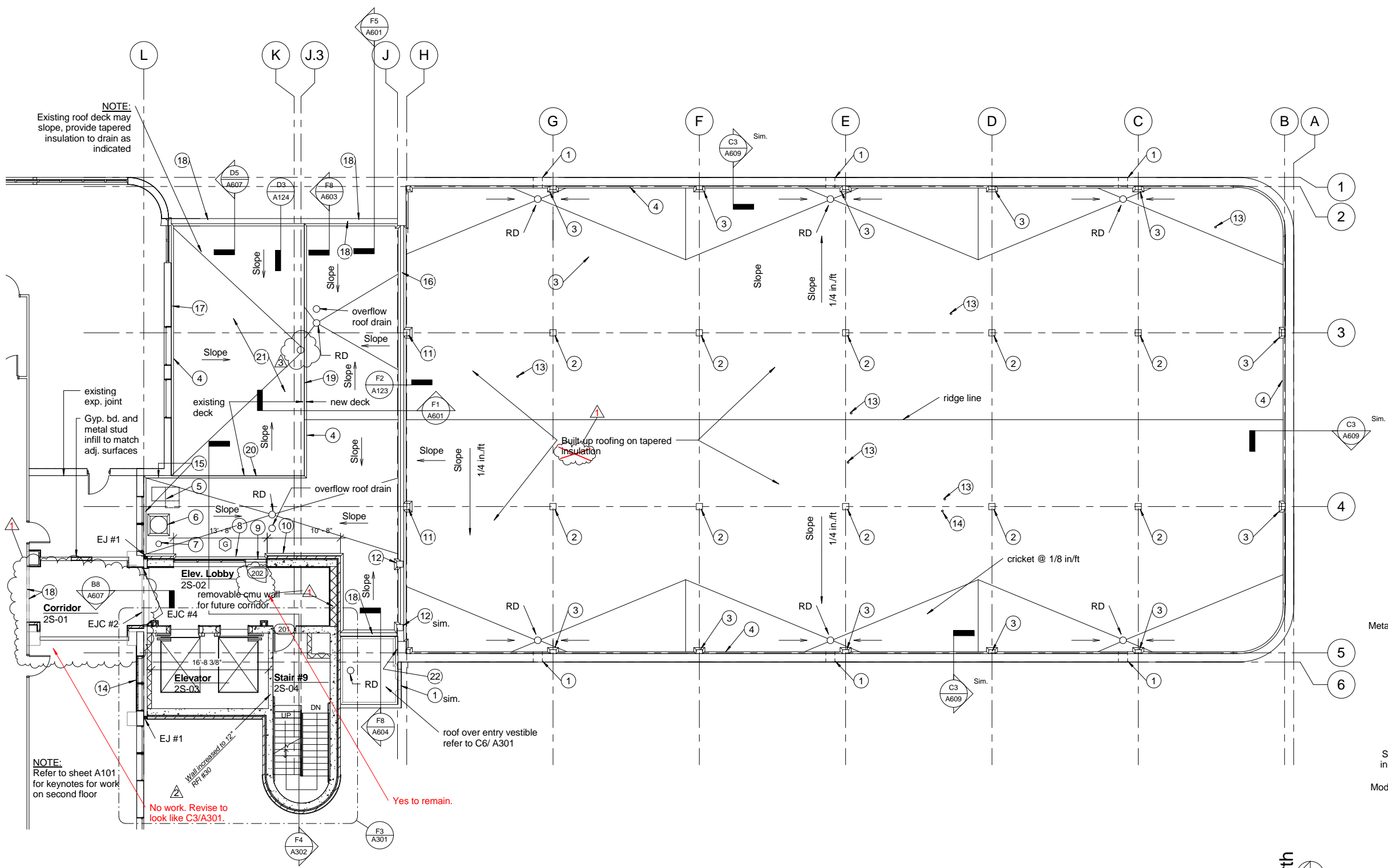
Drawing Title
First & Second Floor Paint & Floor Pattern Plan
Approved: Project Director

Project Title
**Outpatient Mental Health Improvements
Overton Brooks
Veterans Administration Medical Center**
Location
Shreveport, Louisiana
Date
01/20/2010
Checked
Checker
Drawn
Author

Project Number
667-081
Building Number
Bldg. 1, South Wing
Drawing Number
A112
Dwg. 14 of 123

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Management
100% Submittal

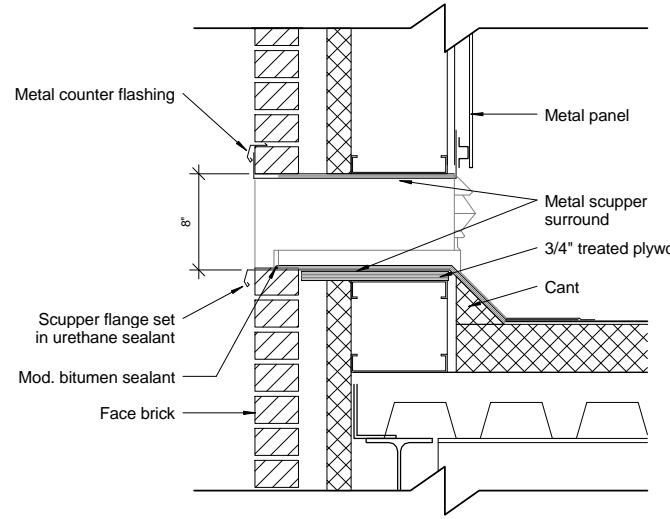
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F1 2nd Floor / Roof Plan
1/8" = 1'-0"




D7 Overflow Scupper
1 1/2" = 1'-0"

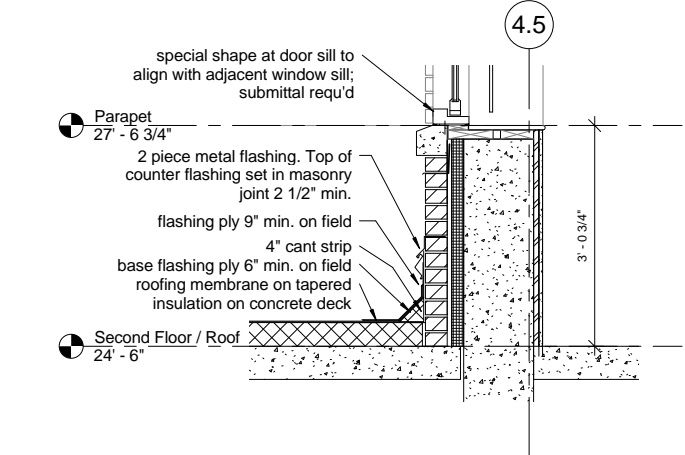


- ### Roof General Notes
- A Contractor shall field verify all dimensions and report any discrepancies.
 - B Unless otherwise noted, any note, detail, or feature indicated for one condition shall be applicable for all alike and similar conditions.
 - C The approximate location of roof devices and penetrations are shown on the plans for information only. The Contractor shall be responsible for understanding the actual location of these and all other items prior to beginning construction.
 - D Do not apply roofing system to wet, damp or frozen deck.
 - E Maintain existing building weatherproofing at all times. Schedule and regulate all activities in order to complete each days work in weather-tight condition. Protect all penetrations through existing roof at all times. Contractor to keep roof and building weather-tight during course of work.
 - F Remove only that portion of the exiting roofing system necessary to accommodate new construction. Install roofing manufacturer's termination system as a means to protect existing roofing system.

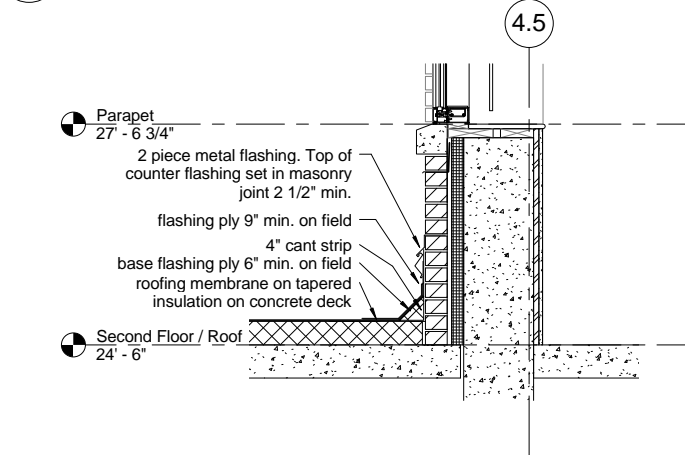
- ### Roof Key Notes
- 1 Scupper: 8" x 16", refer to D7/A121.
 - 2 Column surround, refer to D7/A122.
 - 3 Column surround at parapet similar to D7/A124.
 - 4 4" cant.
 - 5 ETO extended thru roof by others (n.i.c.). Curb & flashing in this contract. Refer to F3/A122. Verify exact location in field.
 - 6 Exhaust Fan by others (n.i.c.). Curb & Flashing in this contract. Refer to F5/A122.
 - 7 Roof Vent by others (n.i.c.). Flashing in this contract. Refer to C3/A122.
 - 8 Flashing at window sill. Refer to D1/A122.
 - 9 Flashing at door sill. Refer to B1/A122.
 - 10 Flashing at stair tower wall. Refer to F1/A122.
 - 11 Expansion Joint at column surround at gridline H. Refer to F7/A123.
 - 12 Expansion Joint at column surround at Gridline J. Refer to F4/A123.
 - 13 Plumbing vent thru roof. Refer to D5/A122. Refer to Plumbing drawings for exact locations.
 - 14 Steam vent thru roof. Refer to Detail D2/A123.
 - 15 Flashing @ existing building wall, refer to F3/A124.
 - 16 Roof expansion joint, Refer to F2/ A123.
 - 17 Flashing at existing building wall, refer to F2/A124.
 - 18 Coping by storefront mfr.
 - 19 Roofing turned up at higher deck. Refer to F6/A124 for south transition.
 - 20 Roofing turned up at higher deck. Refer to C6/A124 for west transition.
 - 21 Existing higher concrete roof deck to remain. Field verify all elevations and slope conditions and report any discrepancies.
 - 22 2" expansion joint. Refer to F5/A124

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1	RFI, #5 - 01/07/10	01/20/10				Approved: Project Director		Location Shreveport, Louisiana		Building Number Bldg. 1, South Wing		
2	"As-Built" Document Revisions	07/18/12				Date 01/20/2010		Checked Checker		Drawn Author		
3	"As-Built" Document Revisions	10/08/12				Drawing Number A121		Dwg. 15 of 123				

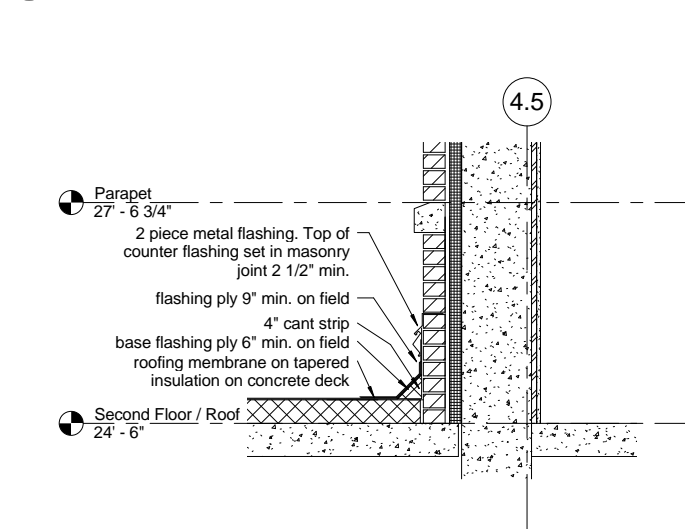
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C three quarters inch = one foot
D one half inch = one foot
E one quarter inch = one foot
F one eighth inch = one foot
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B1 Roof Flashing @ Roof Access Door
3/4" = 1'-0"



D1 Roof Flashing @ Stair Tower Window Sill
3/4" = 1'-0"



F1 Roof Flashing @ Stair Tower Wall
3/4" = 1'-0"

REVISIONS	DATE

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10816 EXECUTIVE CENTER DRIVE, SUITE 300
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PHONE (501) 223-0515 FAX (501) 223-2470
JACOBS PROJECT NO: F3W81800

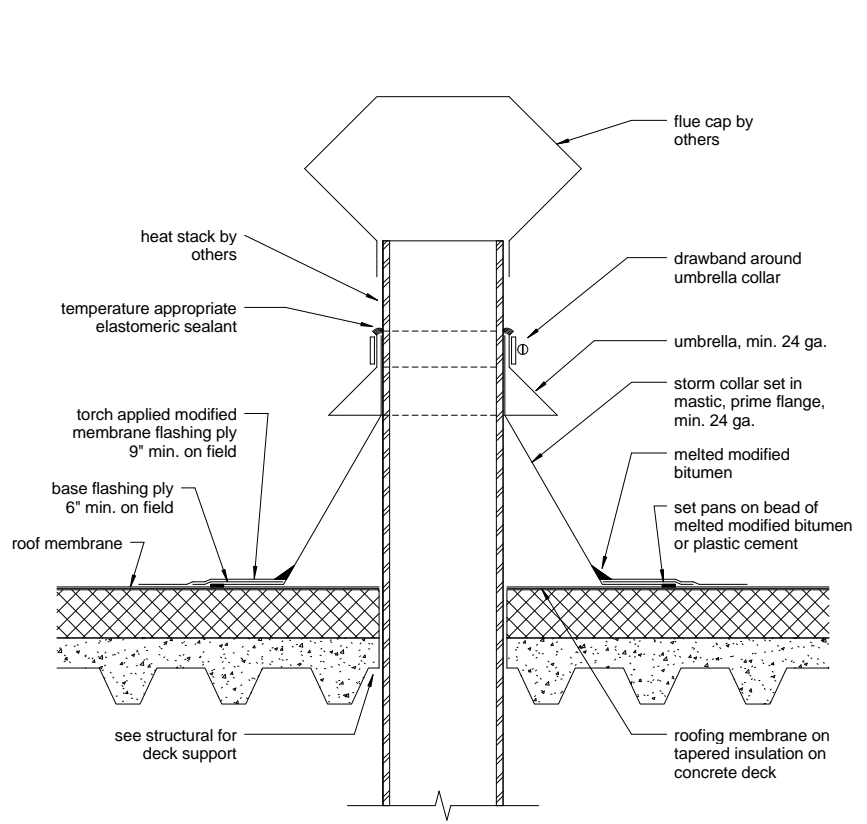
ARCHITECT/ENGINEERS:
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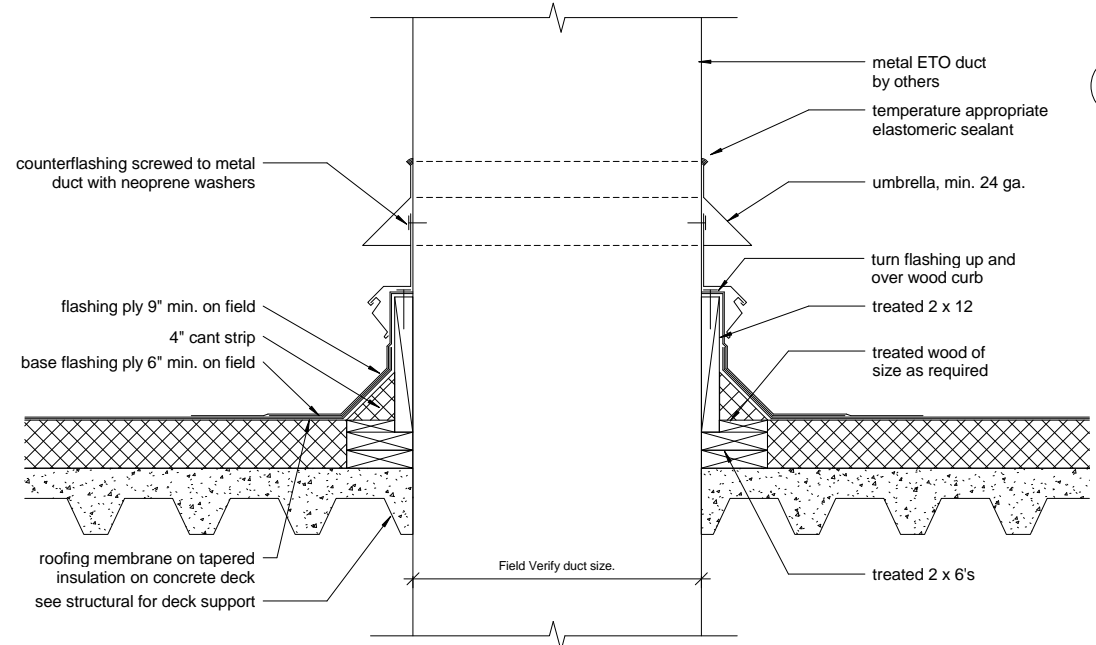
Drawing Title
Roof Details
Approved: Project Director

Project Title
Outpatient Mental Health Improvements
Overton Brooks
Veterans Administration Medical Center
Location
Shreveport, Louisiana
Date
01/20/2010
Checked
Author
Project Number
667-081
Building Number
Bldg. 1, South Wing
Drawing Number
A122
Dwg. 16 of 123

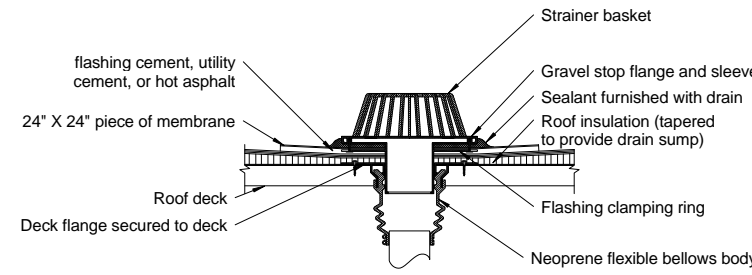
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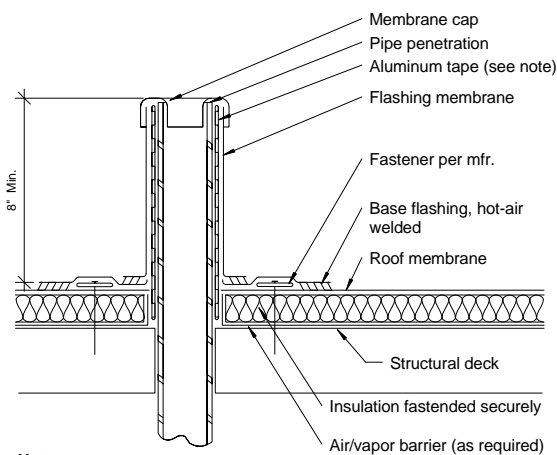
C3 Roof Flashing at Exhaust Vent
1 1/2" = 1'-0"



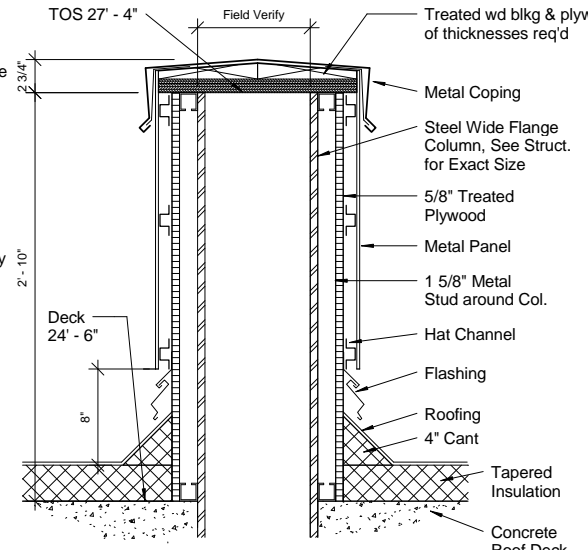
F3 Roof Flashing at ETO
1 1/2" = 1'-0"



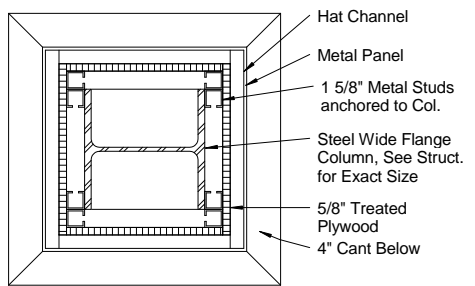
A5 Roof Drain
1 1/2" = 1'-0"



Notes:
1. Aluminum tape is required if existing penetration is contaminated.
2. Vapor barrier shall be sealed at edges.

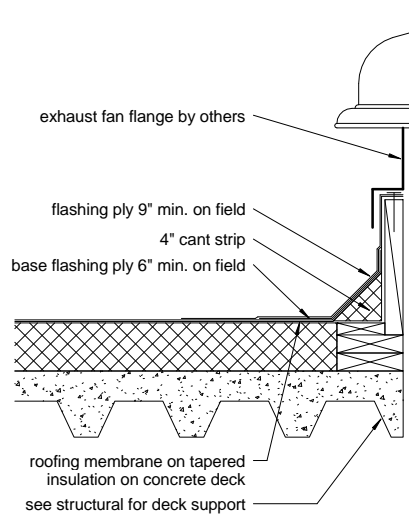


D7 Detail Column @ Roof
1 1/2" = 1'-0"

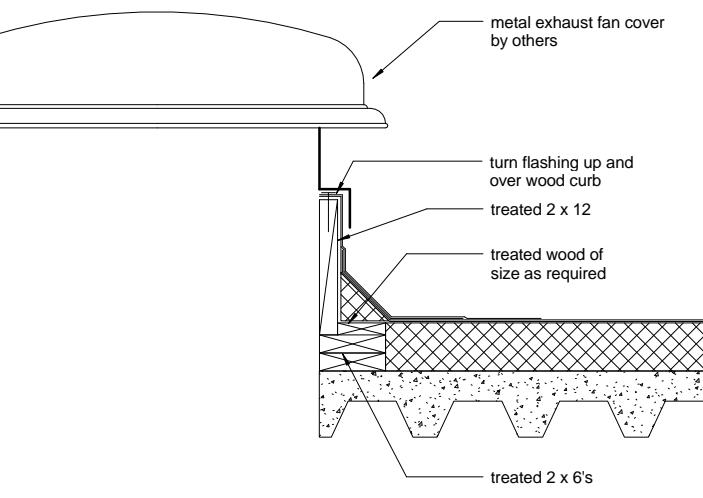


Plan

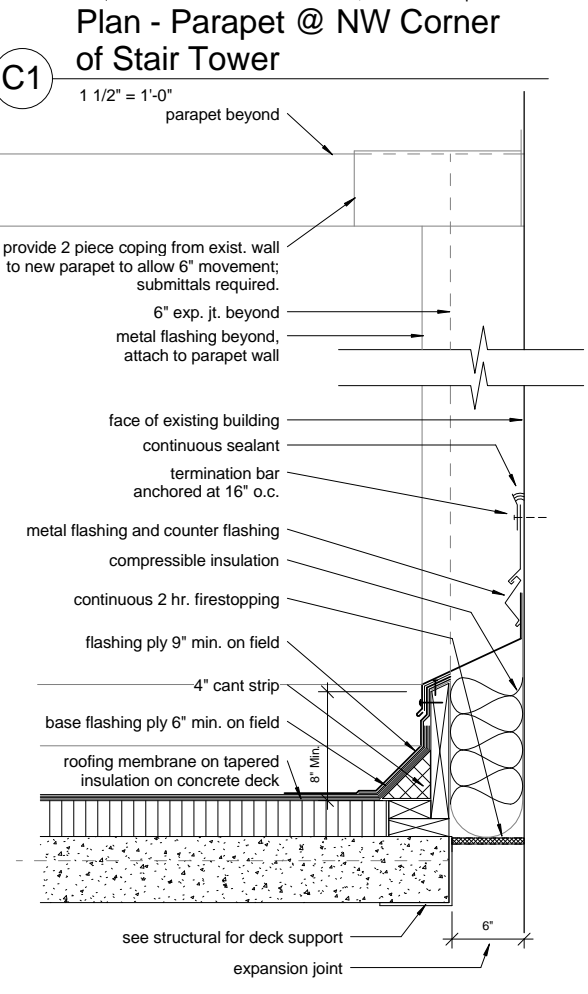
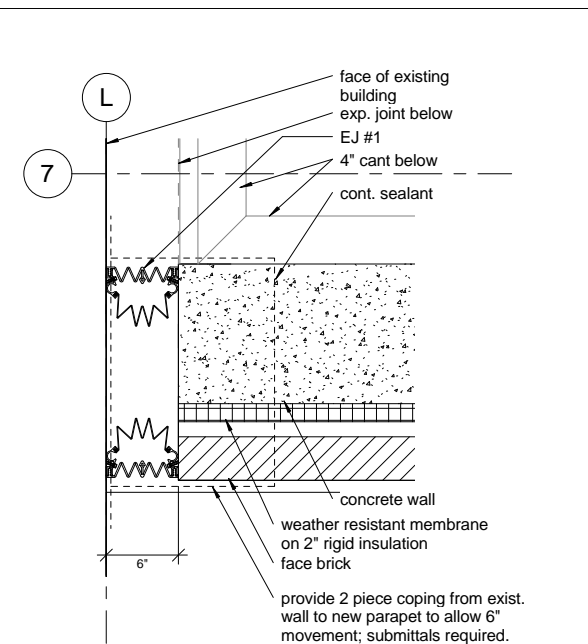
D5 Plumbing Stack
1 1/2" = 1'-0"



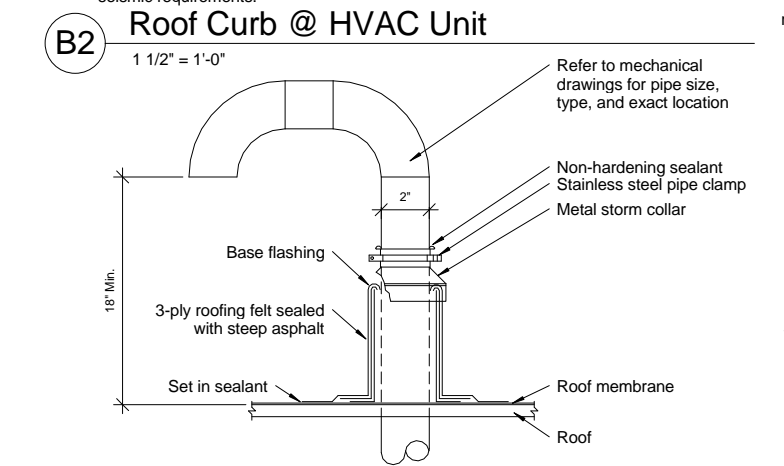
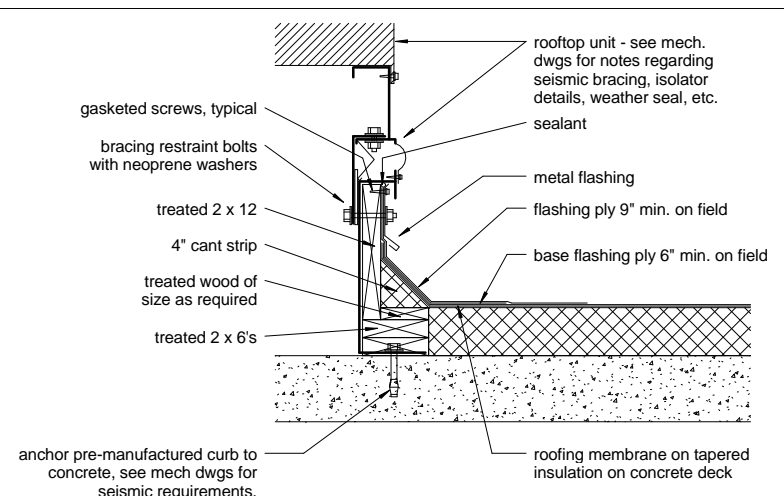
F5 Roof Flashing at Exhaust Fan
1 1/2" = 1'-0"



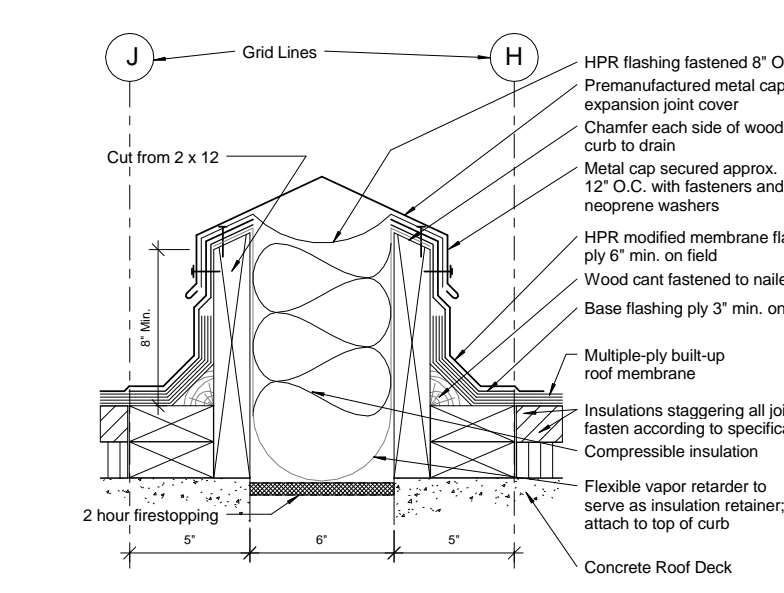
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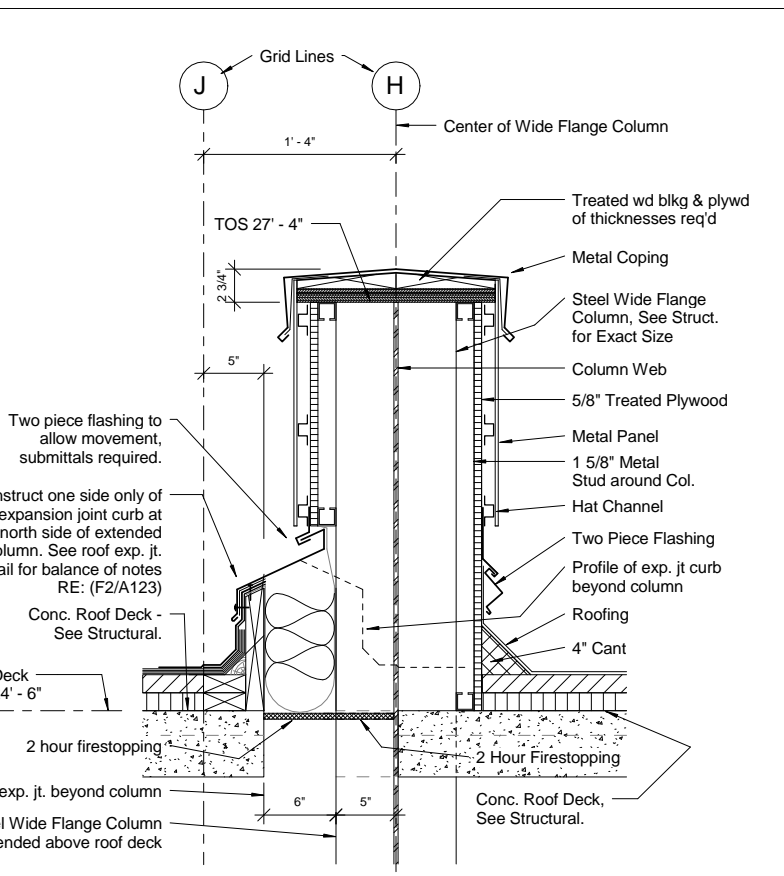
F1 Roof to Existing Wall - 6" EJ
1 1/2" = 1'-0"



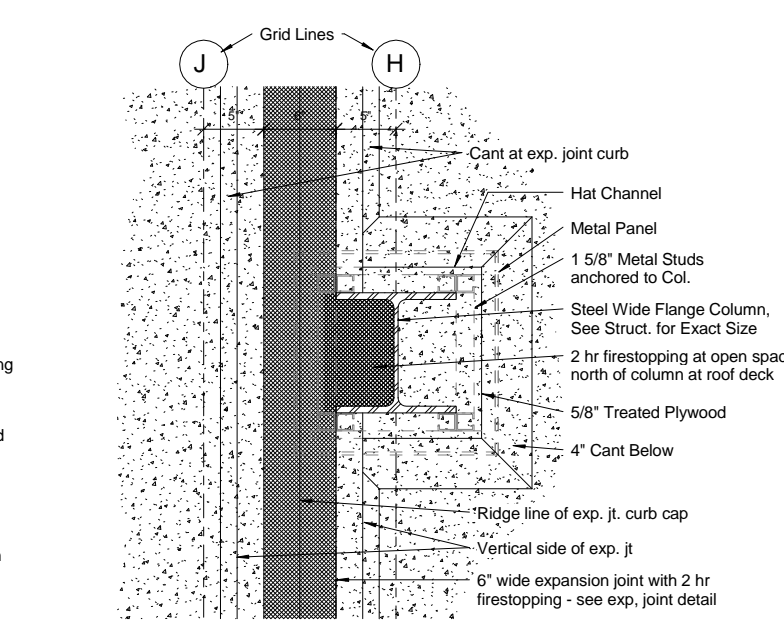
D2 Steam Pipe Roof Penetration
3" = 1'-0"



F2 Roof Expansion Joint
3" = 1'-0"

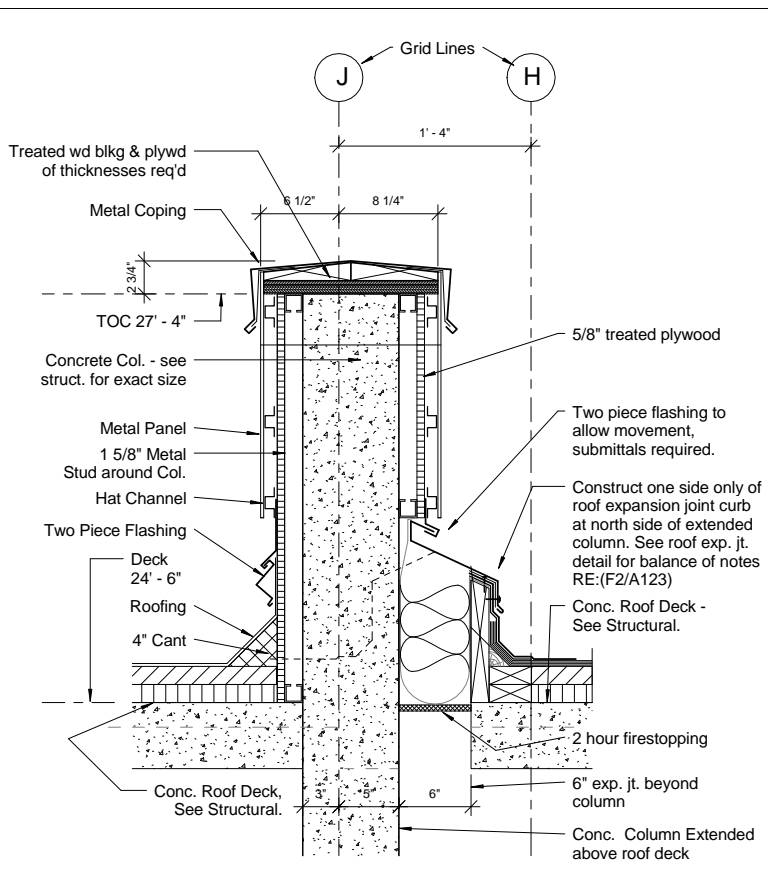


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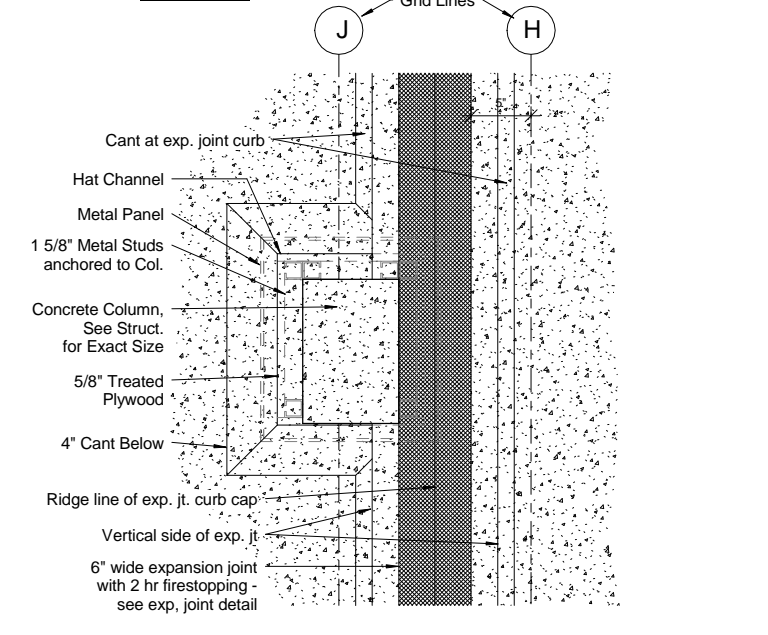


Plan

F4 Roof Exp. Joint @ Col. H
1 1/2" = 1'-0"



Section



Plan

F7 Roof Exp. Joint @ Col. J/4.1
1 1/2" = 1'-0"

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1308 South Main Street
Little Rock, Arkansas 72202

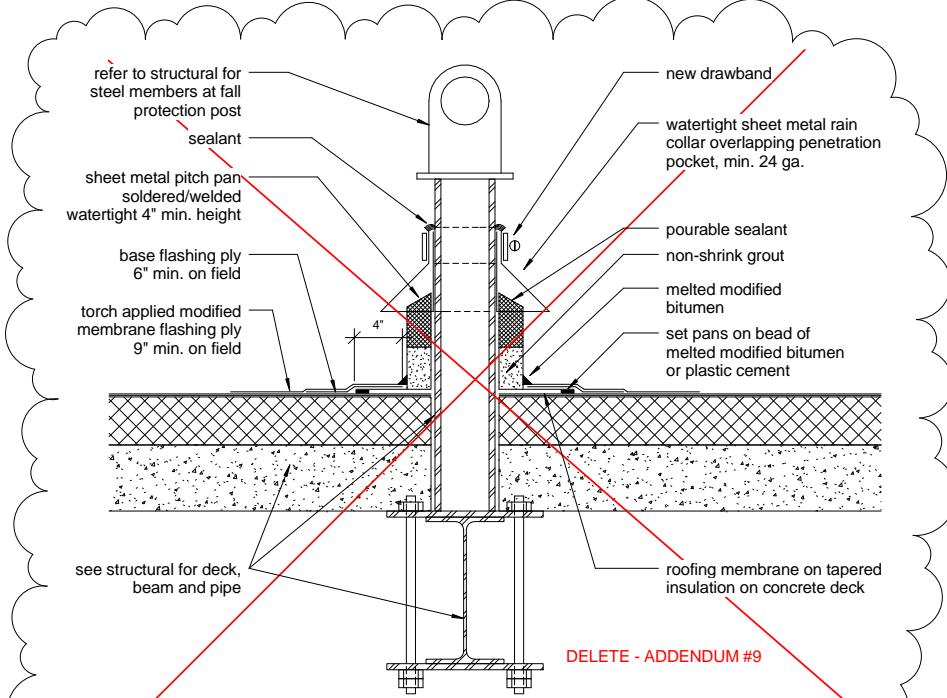
Drawing Title	Roof Details
Approved: Project Director	

Project Title	Outpatient Mental Health Improvements Overton Brooks Veterans Administration Medical Center
Location	Shreveport, Louisiana
Date	01/20/2010
Checked	
Drawn	
Author	
Project Number	667-081
Building Number	Bldg. 1, South Wing
Drawing Number	A123
Dwg. 17 of 123	

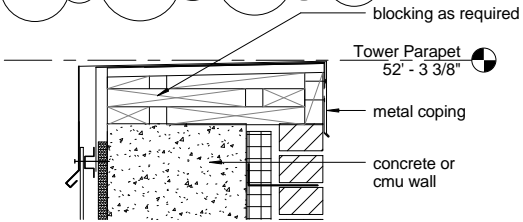
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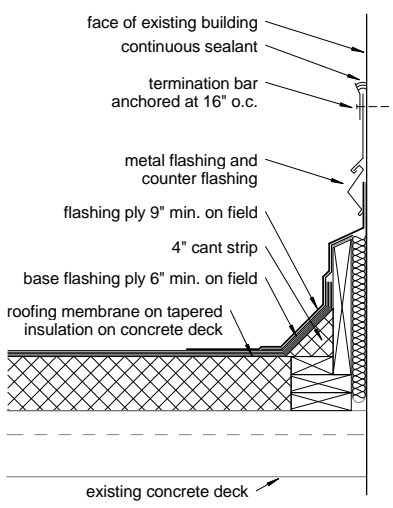
A three inches = one foot
B one and one half inch = one foot
C three quarters inch = one foot
D one half inch = one foot
E one quarter inch = one foot
F one eighth inch = one foot
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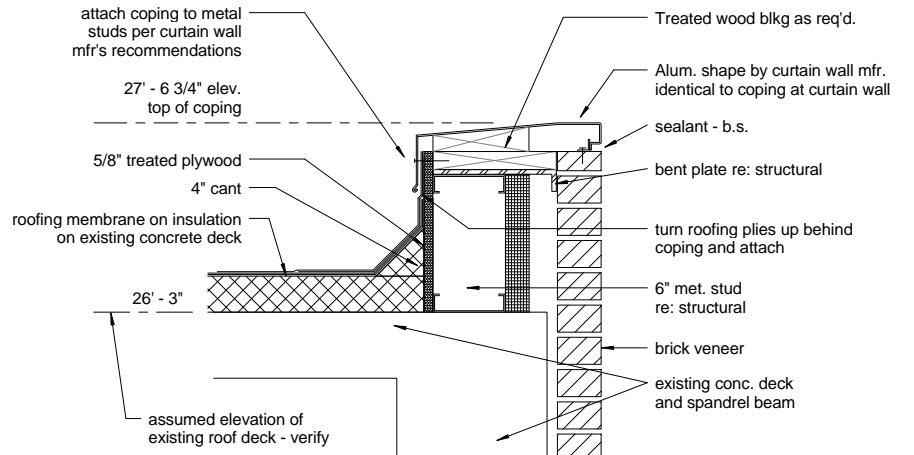
C1 Roof Flashing at Fall Protection
1 1/2" = 1'-0"



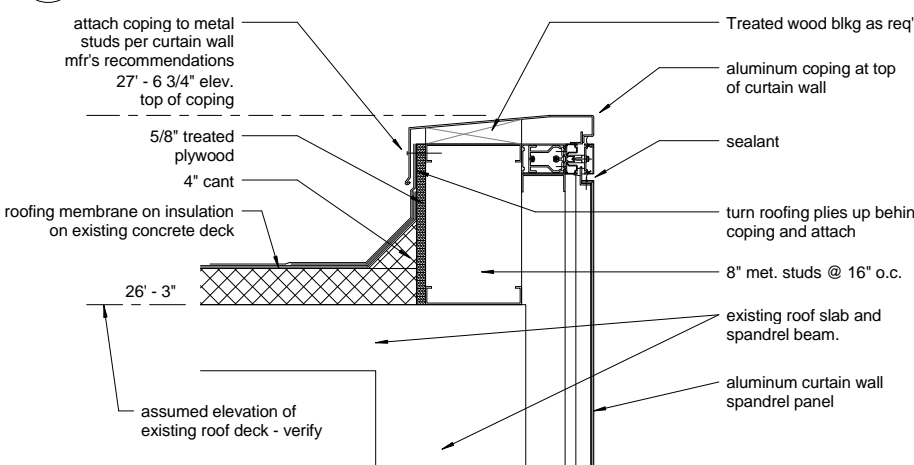
D2 Metal Coping Detail - 4th Floor Roof
1 1/2" = 1'-0"



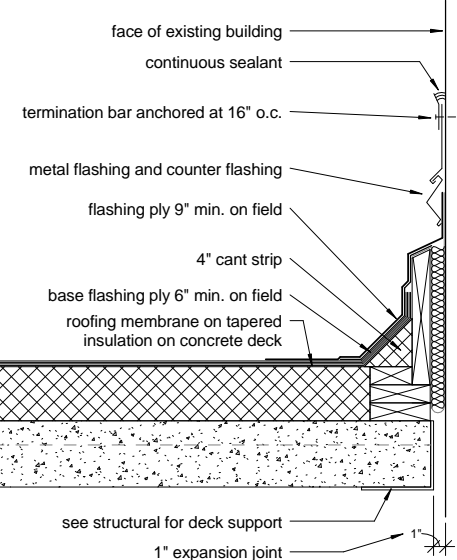
F2 Roof to Existing Wall
1 1/2" = 1'-0"



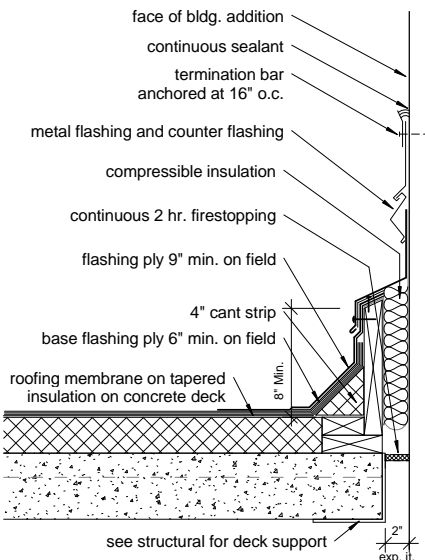
B3 Coping - Exist. Roof Slab at Face Brick
1 1/2" = 1'-0"



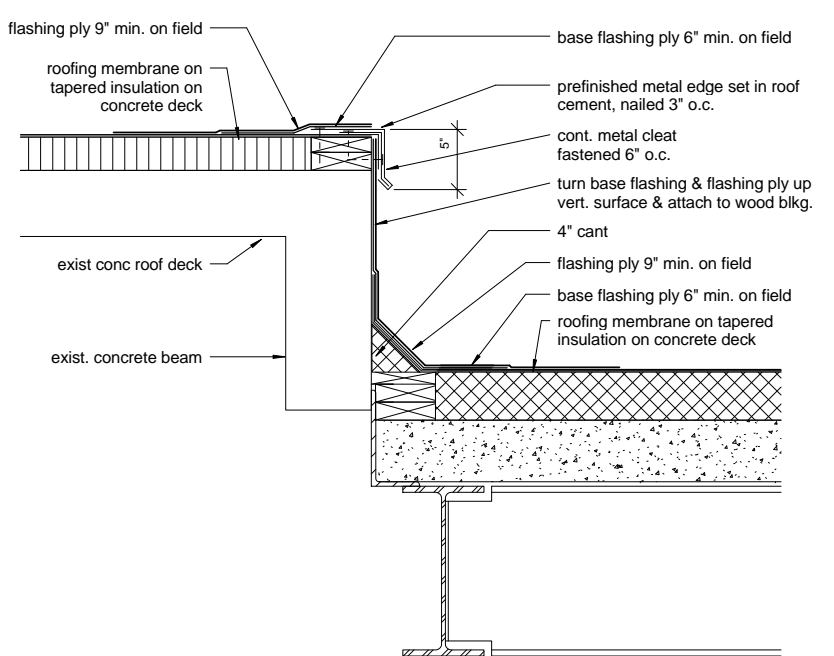
D3 Coping - Exist. Roof Slab @ Curtain Wall
1 1/2" = 1'-0"



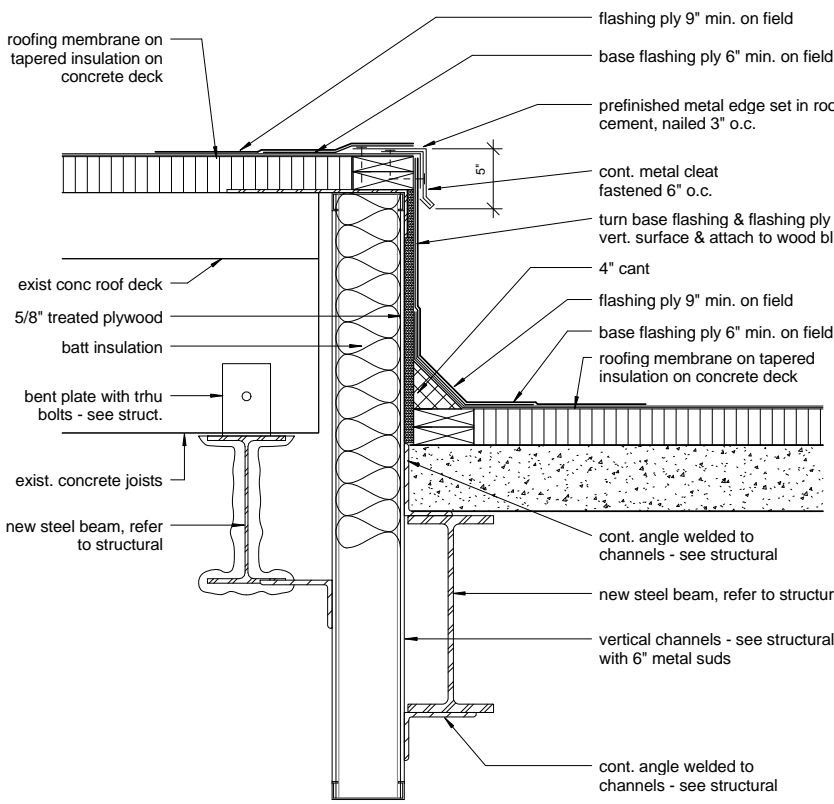
F3 Roof to Existing Wall - 1" EJ
1 1/2" = 1'-0"



F5 Roof @ West Entry Vestubule 2" EJ
1 1/2" = 1'-0"



C6 West Transition - Exist. Deck to New Deck
1 1/2" = 1'-0"



F6 South Transition - Exist. Deck to New Deck
1 1/2" = 1'-0"

REVISIONS		DATE
A	Addendum #9, CLIN 0007 - 08/26/09	11/24/09

AS-BUILT DRAWINGS
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CONSULTANTS:
Jacobs Engineering
JACOBS
10816 EXECUTIVE CENTER DRIVE, SUITE 300
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JACOBS PROJECT NO: F3W81800

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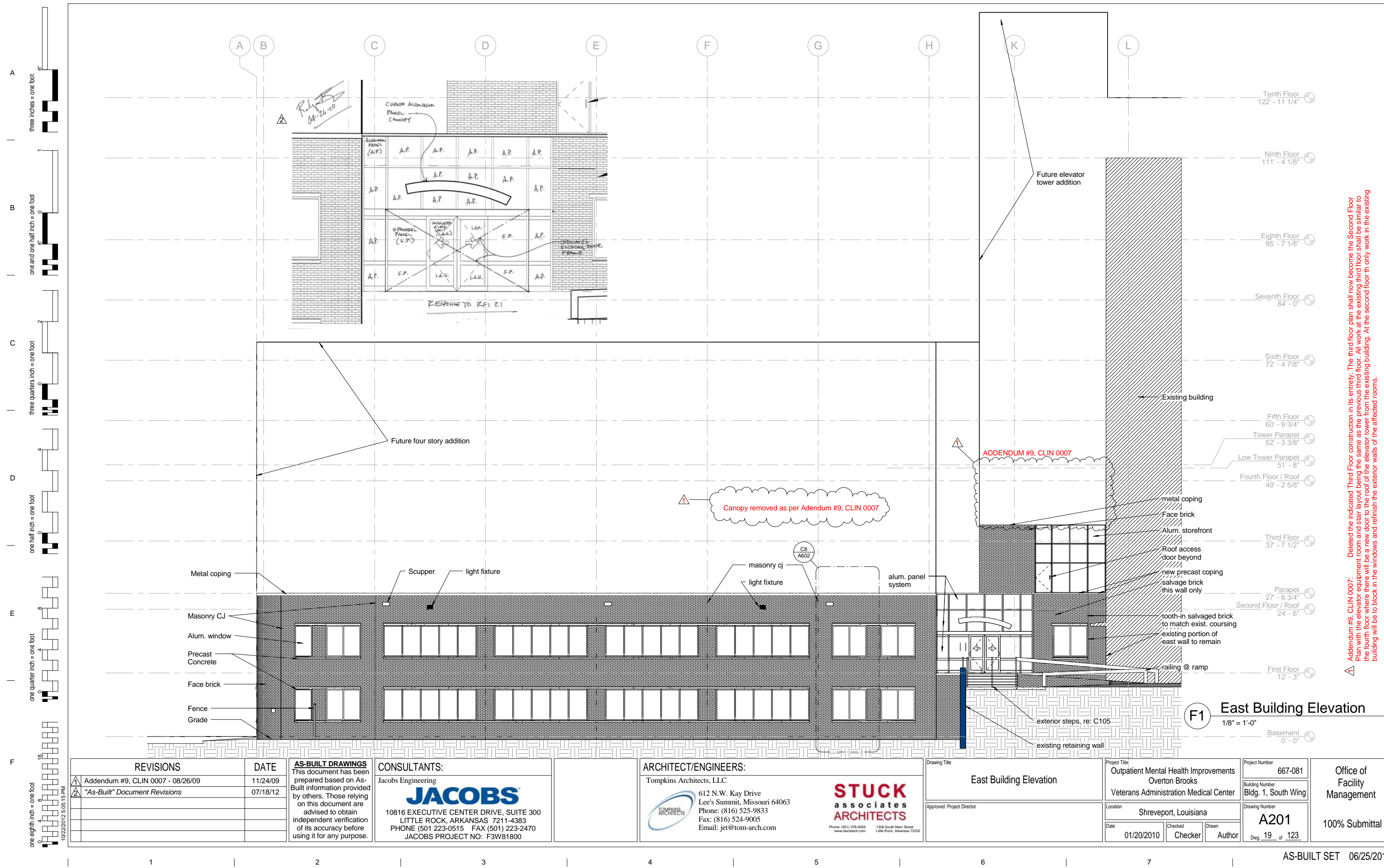
STUCK
associates
ARCHITECTS
Phone: (501) 378-0959 1308 South Main Street
Little Rock, Arkansas 72202

Drawing Title	Roof Details
Approved: Project Director	

Project Title	Outpatient Mental Health Improvements Overton Brooks Veterans Administration Medical Center	Project Number	667-081
Location	Shreveport, Louisiana	Building Number	Bldg. 1, South Wing
Date	01/20/2010	Checked	
		Drawn	
		Author	
		Dwg. 18 of 123	

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Addendum #9, CLIN 0007: Deleted the indicated Third Floor construction in its entirety. The third floor plan shall now become the Second Floor Plan with the elevator equipment room and stair layout being the same as the previous third floor. All work at the existing third floor shall be similar to the fourth floor where there will be a new door to the roof of the elevator tower from the existing building. At the second floor th only work in the existing building will be to block in the windows and refinish the exterior walls of the affected rooms.

REVISIONS	DATE
△ Addendum #9, CLIN 0007 - 08/26/09	11/24/09
△ "As-Built" Document Revisions	07/18/12

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10816 EXECUTIVE CENTER DRIVE, SUITE 300
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Little Rock, Arkansas 72202

Drawing Title
East Building Elevation
Approved: Project Director

Project Title
Outpatient Mental Health Improvements
Overton Brooks
Veterans Administration Medical Center
Location
Shreveport, Louisiana
Date
01/20/2010
Checked
Author

Project Number
667-081
Building Number
Bldg. 1, South Wing
Drawing Number
A201
Dwg. 19 of 123

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Management
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three inches = one foot

one and one half inch = one foot

three quarters inch = one foot

one half inch = one foot

one quarter inch = one foot

one eighth inch = one foot

⚠ Addendum #9, CLIN 0007: Deleted the indicated Third Floor construction in its entirety. The third floor plan shall now become the Second Floor Plan with the elevator equipment room and stair layout being the same as the previous third floor. All work at the existing third floor shall be similar to the fourth floor where there will be a new door to the roof of the elevator tower from the existing building. At the second floor th only work in the existing building will be to block in the windows and refinish the exterior walls of the affected rooms.

⚠ Canopy removed as per Addendum #9, CLIN 0007

F3

South Building Elevation

1/8" = 1'-0"

REVISIONS	DATE
⚠ Addendum #9, CLIN 0007 - 08/26/09	11/24/09

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Jacobs Engineering
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10816 EXECUTIVE CENTER DRIVE, SUITE 300
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JACOBS PROJECT NO: F3W81800

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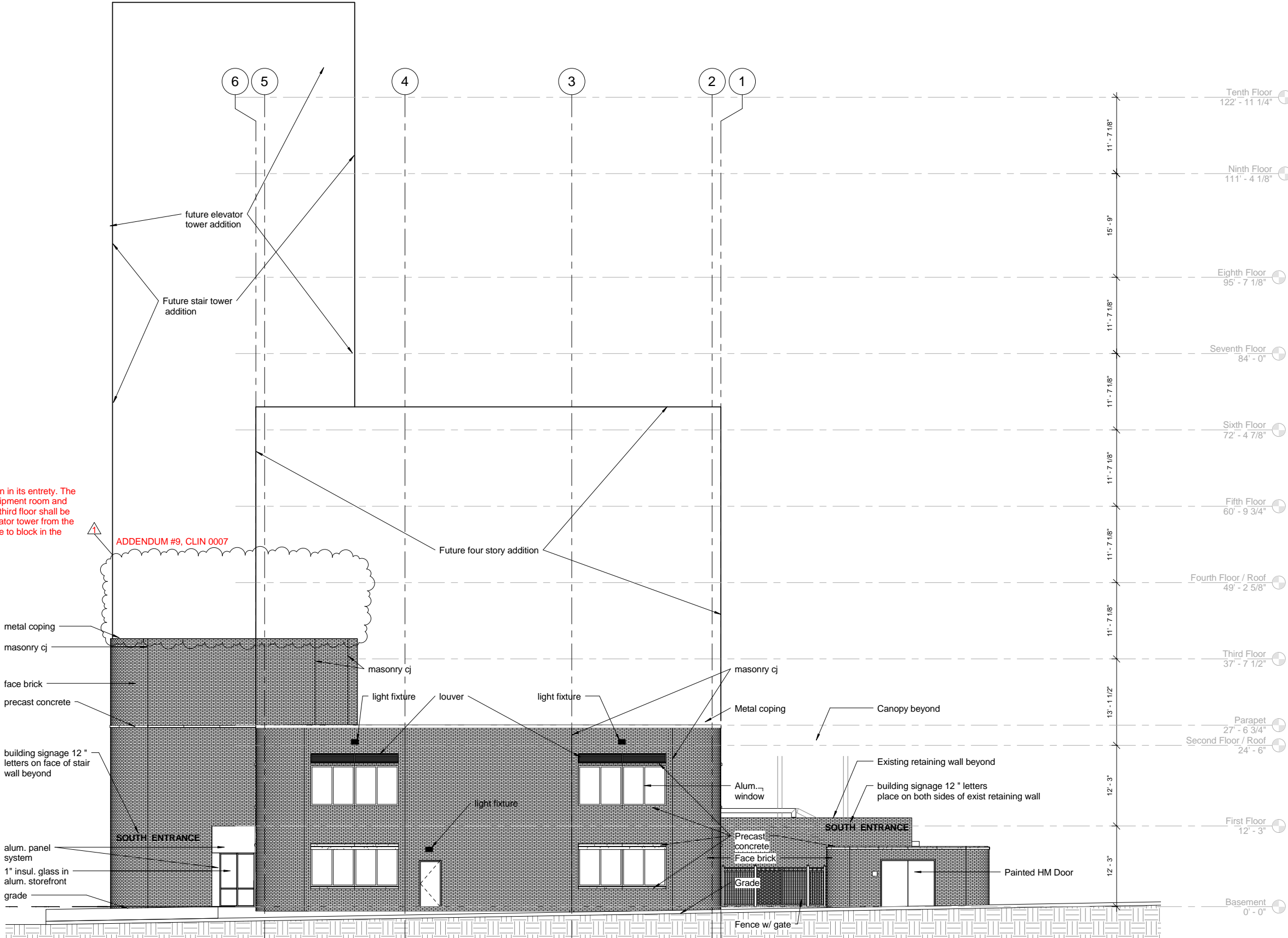
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Approved: Project Director

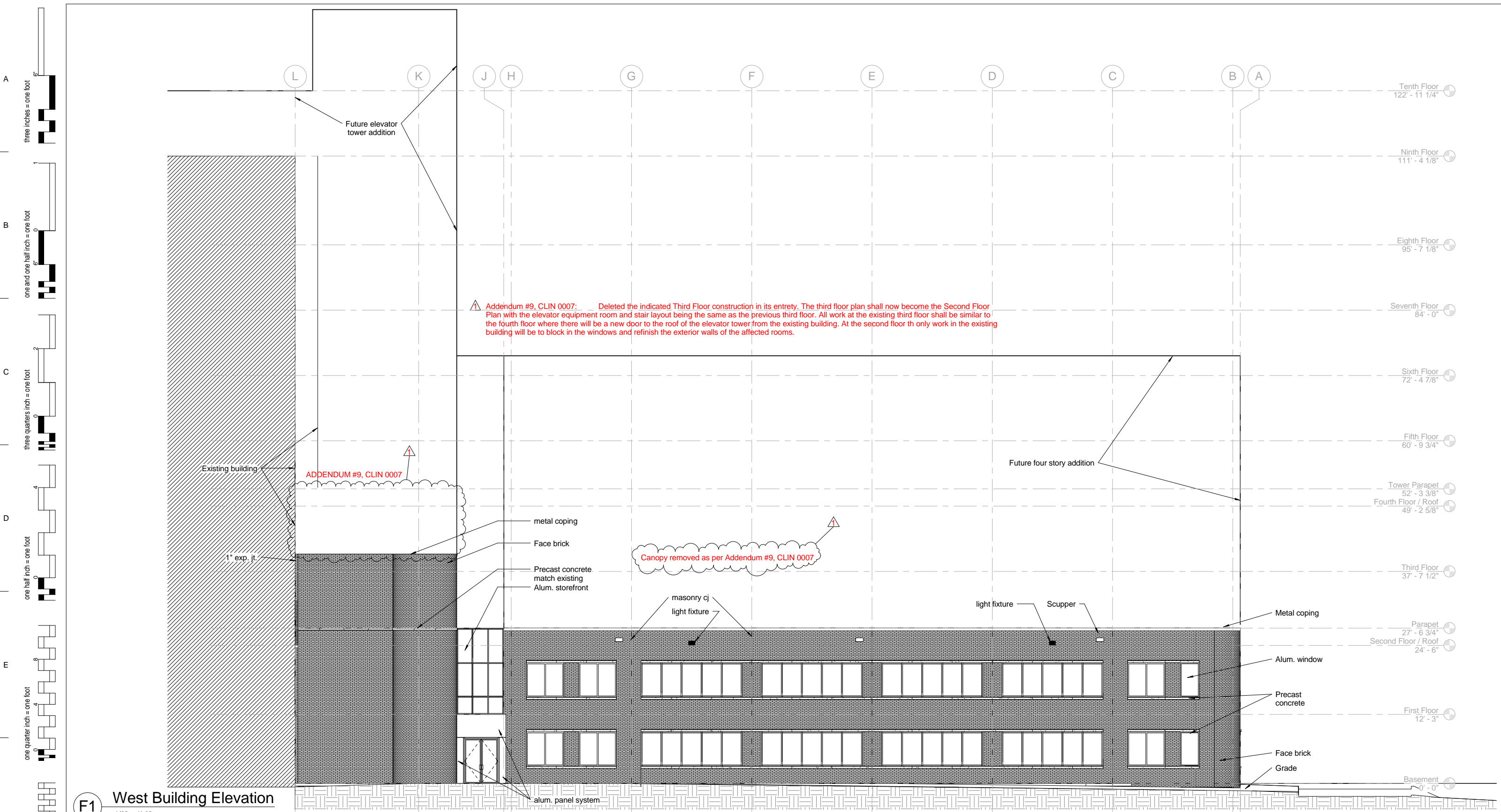
Project Title
Outpatient Mental Health Improvements Overton Brooks Veterans Administration Medical Center
Location
Shreveport, Louisiana
Date
01/20/2010
Checked
Checker
Drawn
Author

Project Number
667-081
Building Number
Bldg. 1, South Wing
Drawing Number
A202
Dwg. 20 of 123

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F1 West Building Elevation
1/8" = 1'-0"

REVISIONS		DATE
Δ	Addendum #9, CLIN 0007 - 08/26/09	11/24/09

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Drawing Title
West Building Elevation

Approved: Project Director

Project Title
**Outpatient Mental Health Improvements
Overton Brooks
Veterans Administration Medical Center**

Location
Shreveport, Louisiana

Date
01/20/2010

Checked

Drawn

Author

Project Number
667-081

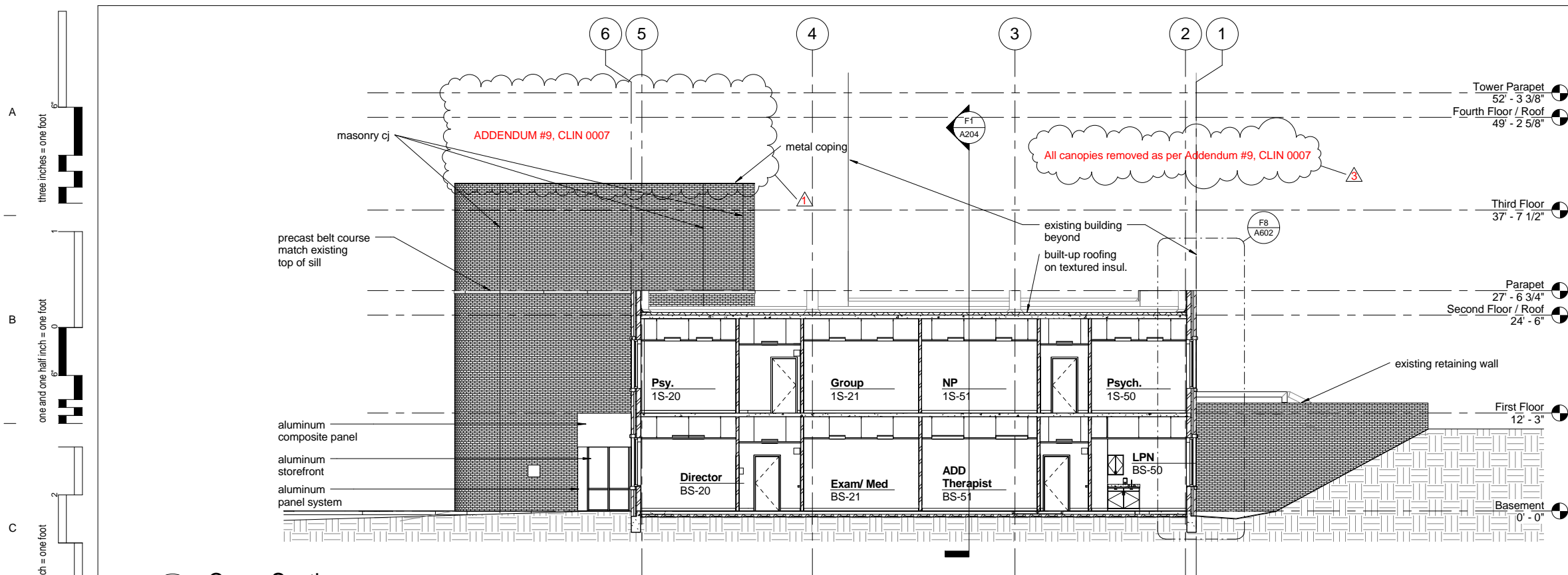
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Bldg. 1, South Wing

Drawing Number
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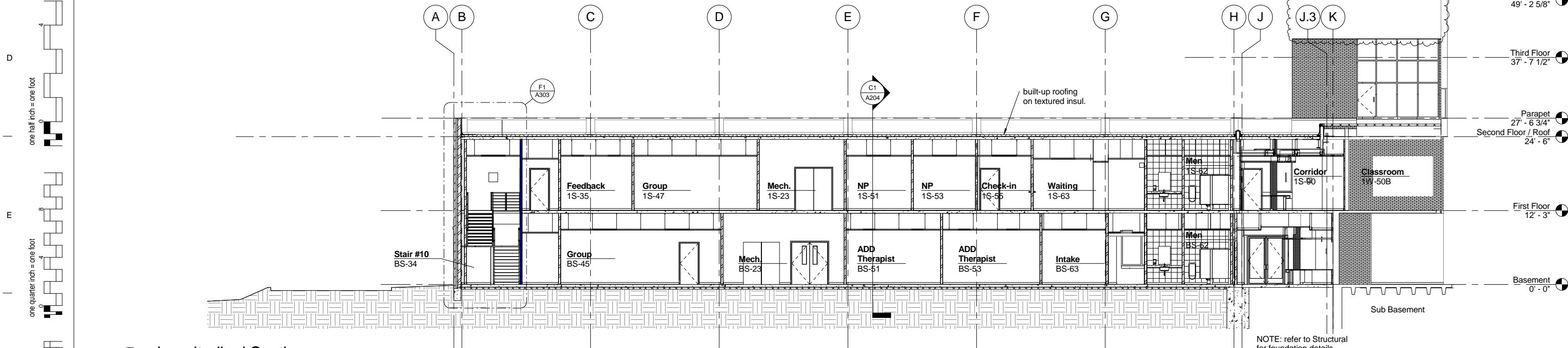
Dwg. 21 of 123

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C1 Cross Section
1/8" = 1'-0"



F1 Longitudinal Section
1/8" = 1'-0"

NOTE: refer to Structural
for foundation details

REVISIONS	DATE
⚠ Addendum #9, CLIN 0007 - 08/26/09	11/24/09
⚠ Addendum #9, CLIN 0007 - 08/26/09	11/24/09
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Drawing Title	Building Sections
Approved: Project Director	

Project Title	Outpatient Mental Health Improvements Overton Brooks Veterans Administration Medical Center
Location	Shreveport, Louisiana
Date	01/20/2010
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Checker	
Drawn	
Author	

Project Number	667-081
Building Number	Bldg. 1, South Wing
Drawing Number	A204
Dwg. of	123

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A
B
C
D
E
F

three inches = one foot
one and one half inch = one foot
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one eighth inch = one foot

REVISIONS	DATE
△ "As-Built" Document Revisions	07/18/12

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10816 EXECUTIVE CENTER DRIVE, SUITE 300
LITTLE ROCK, ARKANSAS 72114-3883
PHONE (501) 223-0515 FAX (501) 223-2470
JACOBS PROJECT NO: F3W81800

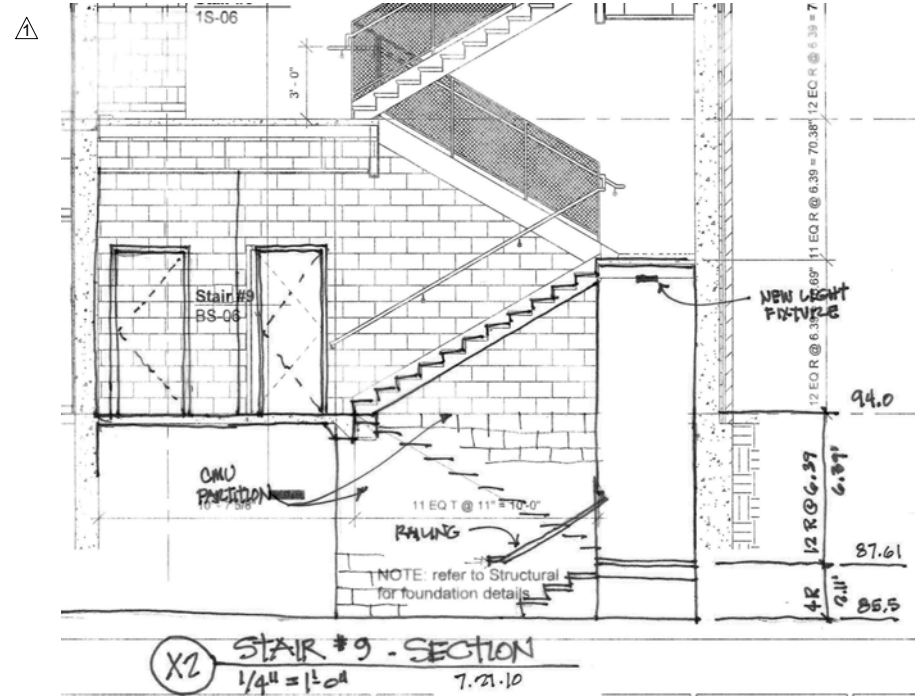
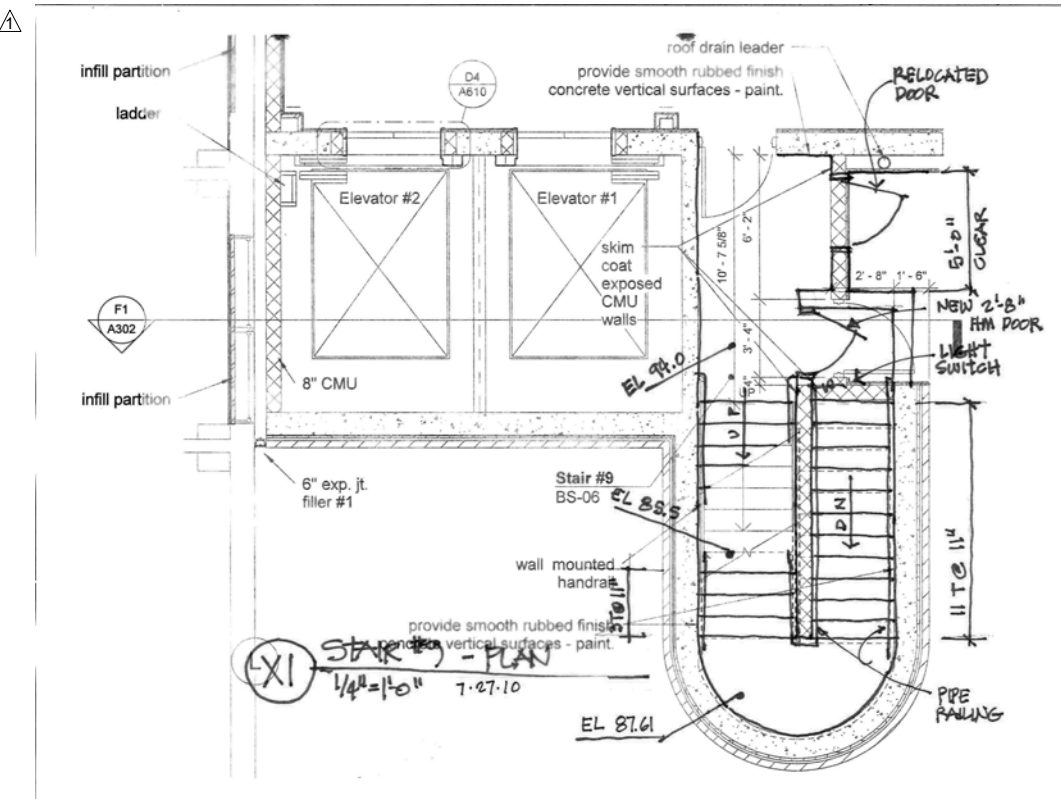
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www.stuckarch.com Little Rock, Arkansas 72202

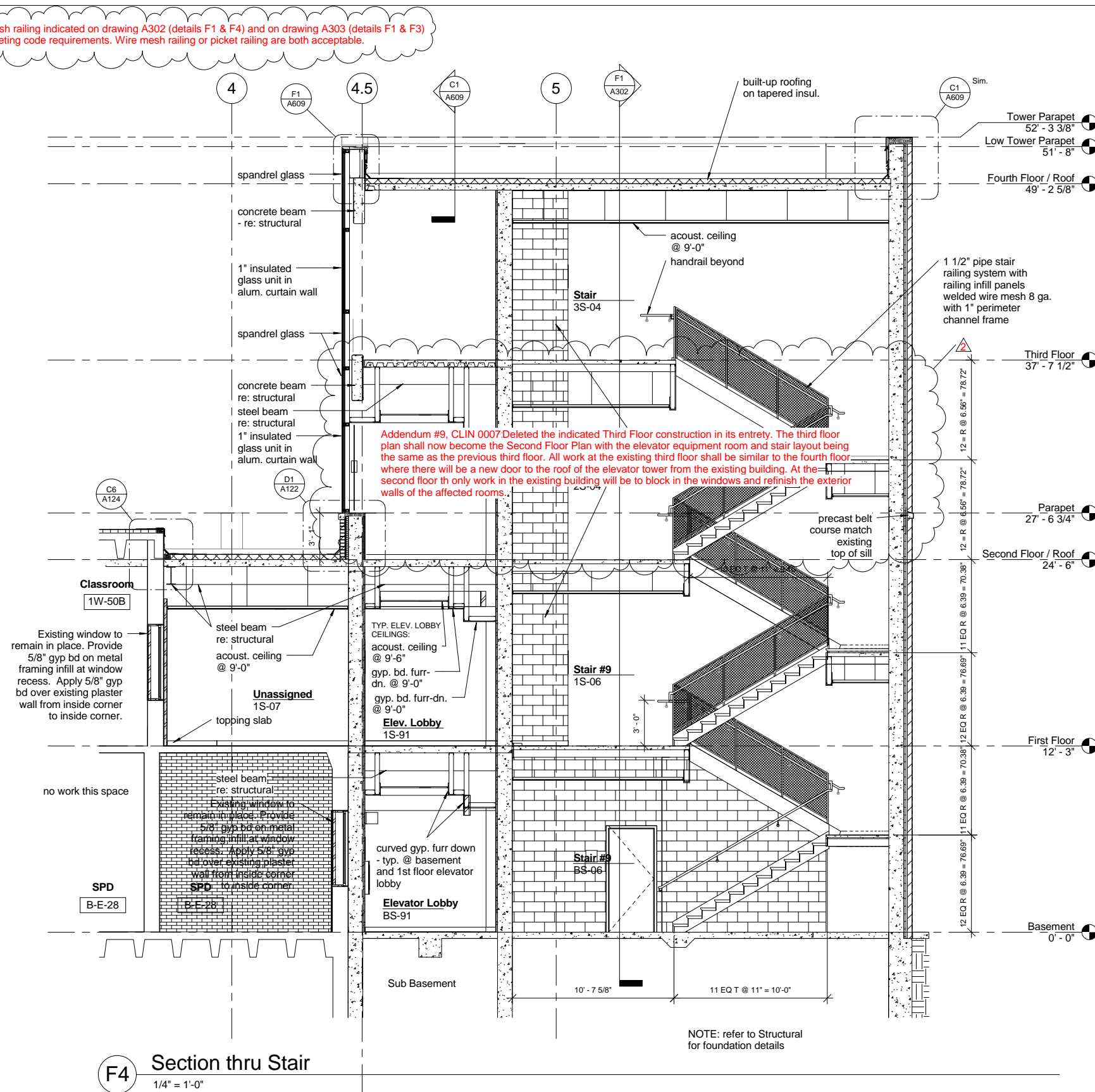
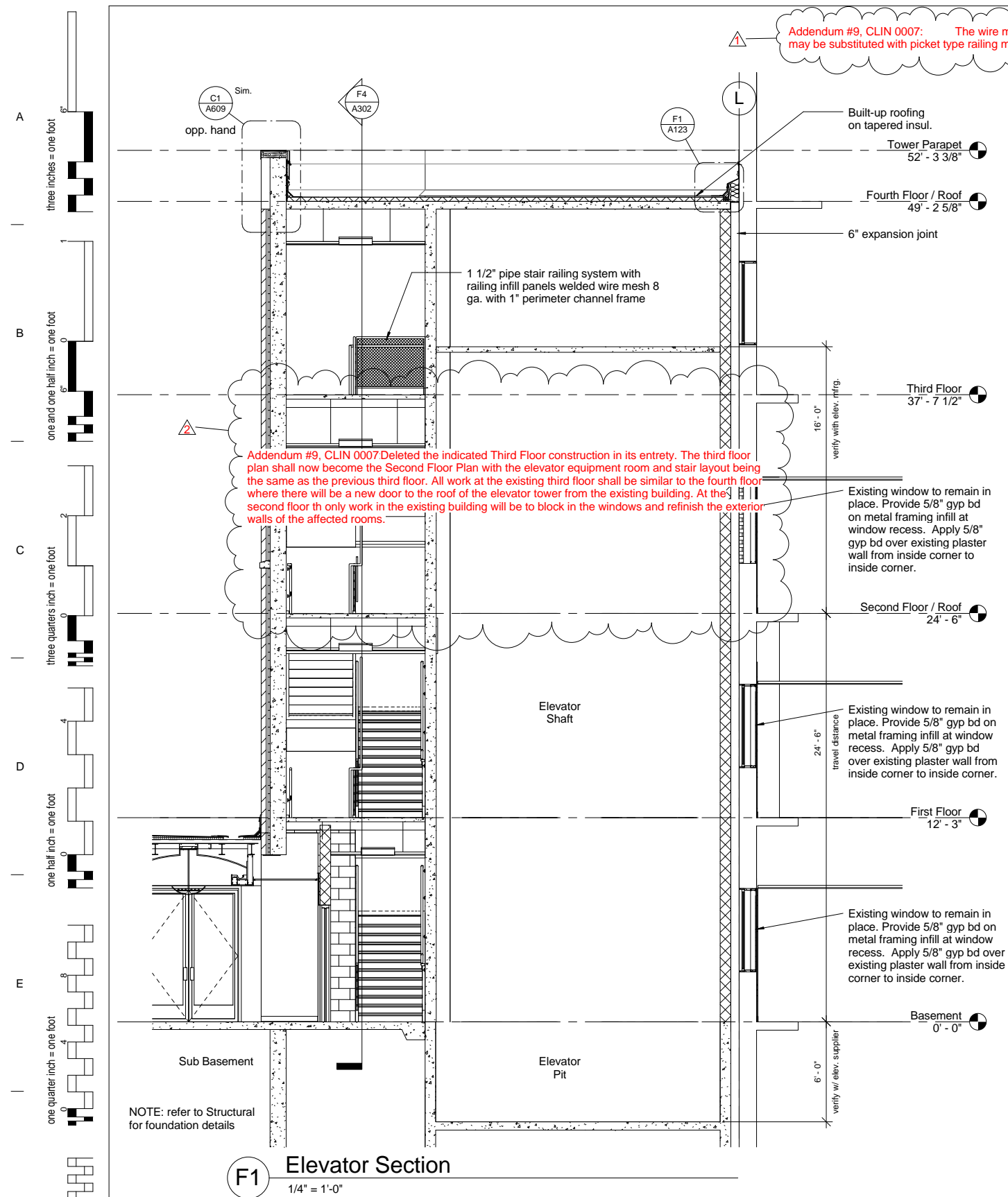
Drawing Title
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Approved: Project Director

Project Title
Outpatient Mental Health Improvements
Overton Brooks
Veterans Administration Medical Center
Location
Shreveport, Louisiana
Date
01/20/2010
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Checker
Drawn
Author

Project Number
667-081
Building Number
Bldg. 1, South Wing
Drawing Number
A301a
Dwg. of 123

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▲ Addendum #9, CLIN 0007 - 08/26/09	11/24/09
▲ Addendum #9, CLIN 0007 - 08/26/09	11/24/09

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LITTLE ROCK, ARKANSAS 72114-3883
PHONE (501) 223-0515 FAX (501) 223-2470
JACOBS PROJECT NO: F3W81800

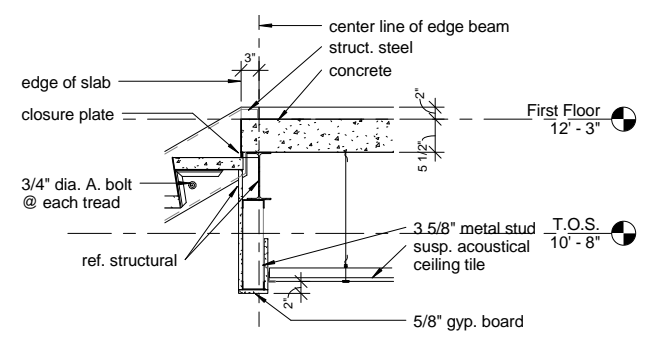
ARCHITECT/ENGINEERS:
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Lee's Summit, Missouri 64063
Phone: (816) 525-9833
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Email: jet@tom-arch.com
STUCK associates ARCHITECTS
Phone: (501) 378-0959
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Little Rock, Arkansas 72202

Drawing Title
Stair #1 & Elevator Sections
Approved: Project Director

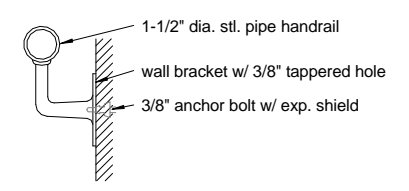
Project Title
Outpatient Mental Health Improvements
Overton Brooks
Veterans Administration Medical Center
Location
Shreveport, Louisiana
Date
01/20/2010
Checked
Checker
Drawn
Author
Project Number
667-081
Building Number
Bldg. 1, South Wing
Drawing Number
A302
Dwg. 24 of 123

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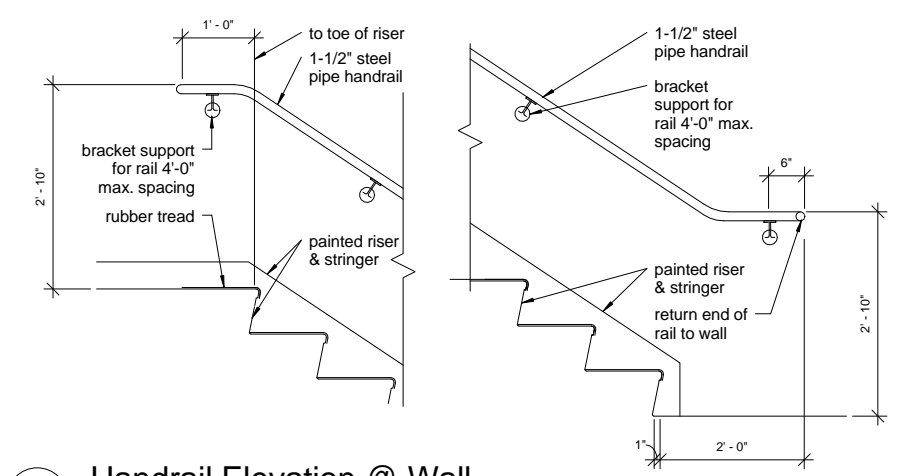
A
three inches = one foot
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E
one quarter inch = one foot
F
one eighth inch = one foot
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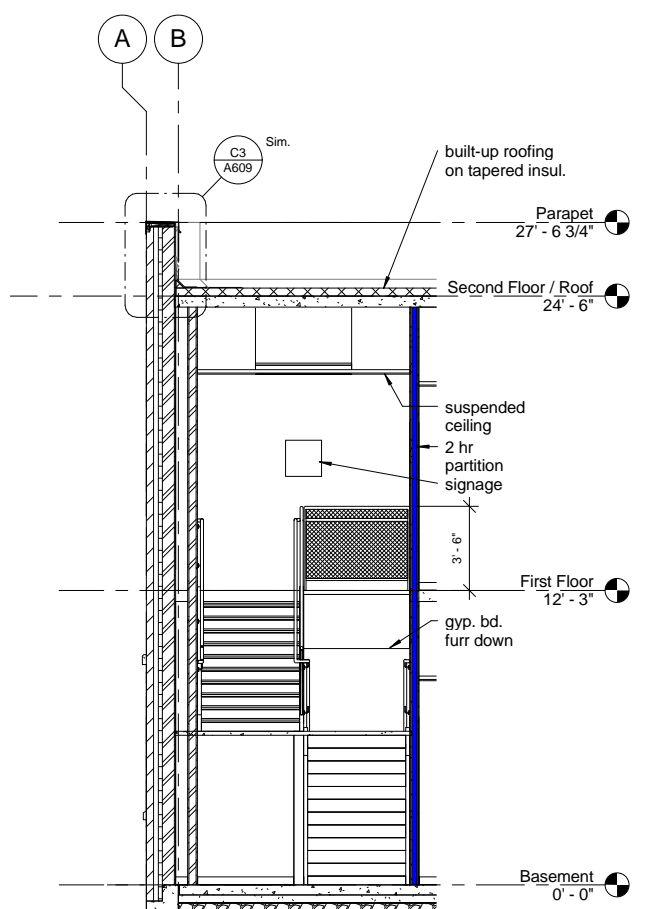
B1 Section @ Stairs #2
3/4" = 1'-0"



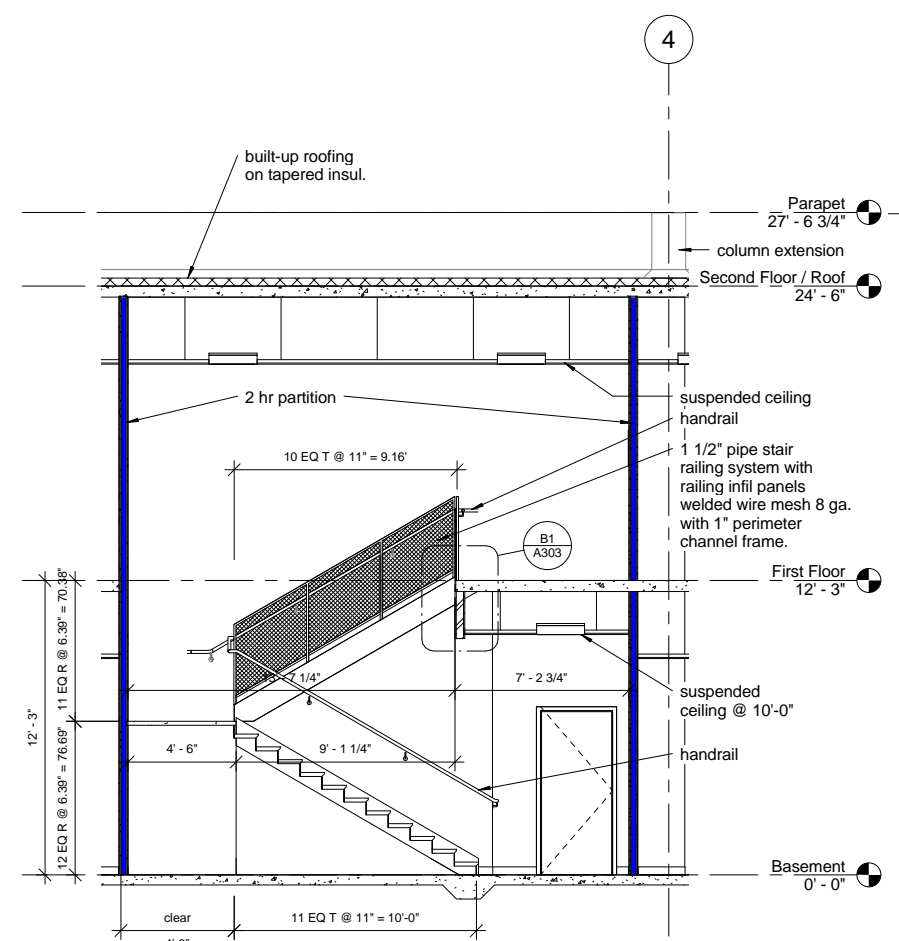
B3 Wall Bracket Detail
3" = 1'-0"



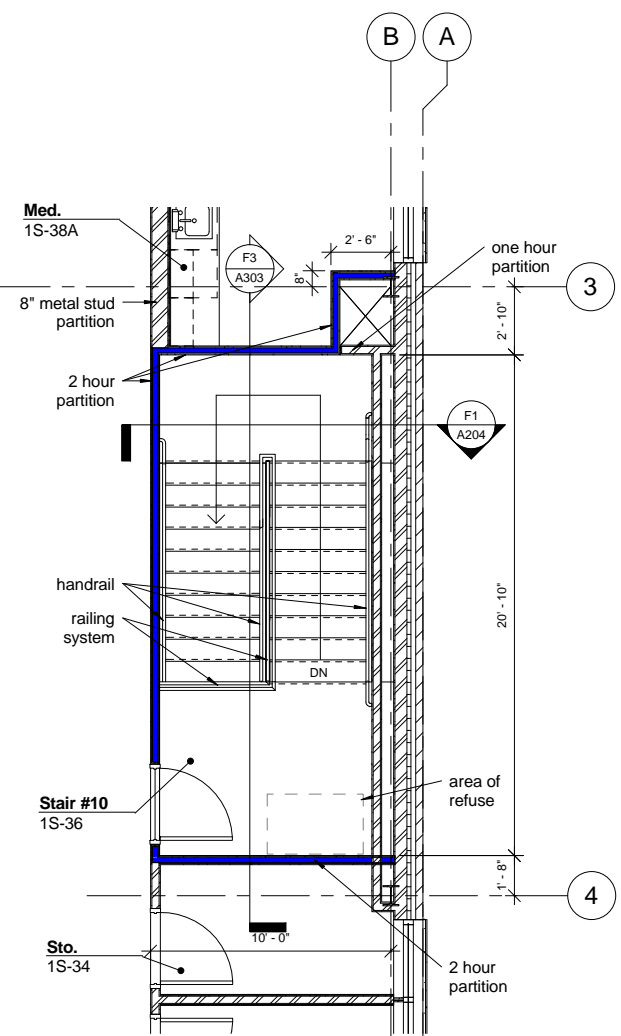
B6 Handrail Elevation @ Wall
3/4" = 1'-0"



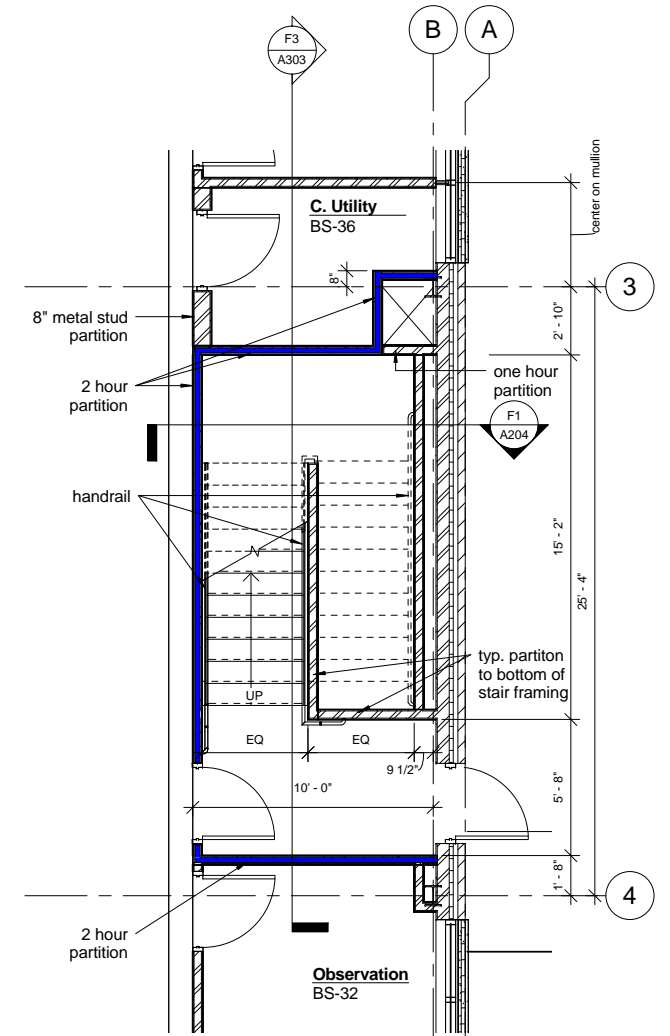
F1 Cross Section Stair #2
1/4" = 1'-0"



F3 Stair #2 Section
1/4" = 1'-0"



F5 Enlarged Stair #2 -First Floor
1/4" = 1'-0"



F7 Enlarged Stair #2- Basement
1/4" = 1'-0"

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									Building Number Bldg. 1, South Wing		Drawing Number A303 Dwg. 25 of 123								
									Location Shreveport, Louisiana		Date 01/20/2010		Checked Checker	Drawn Author					

Ceiling Plan General Notes

- A All suspended acoustical ceilings shall be at 9'-0" A.F.F., unless noted otherwise.
- B Light fixtures shall be located centered in the room or space, unless noted otherwise.
- C When light fixtures are shown to be recessed in ceiling tiles, they shall be centered in ceiling tile, unless noted otherwise.
- D All suspended acoustical ceiling grids shall be centered within room or space unless noted otherwise.
- E Supply and return grilles located in 2x4 or 2x2 acoustical lay-in ceiling tiles shall be 2x2 perforated plate type diffuser design to fit entire panel.
- F This reflected ceiling plan constitutes a graphic representation of ceiling-mounted elements for the purpose of coordination. Refer to the appropriate discipline drawings and specifications for specific information regarding each of these elements.
- G Provide access panels in drywall ceilings at locations shown, or if not shown, as required to access all mechanical equipment in ceiling cavity requiring normal maintenance or operation, including but not limited to CAV and VAV boxes, A.W. reheat coils, valve, exhaust fans, balancing dampers, fire dampers, smoke dampers, fire/smoke dampers, clean-outs, or if not shown, as required to access all mechanical equipment and junction boxes. Submit layout of all ceiling elements, including access panels for architect to review prior to installation.

Ceiling Plan Key Notes

- 1 Gypsum board furrdown height @ 8'-0"
- 2 Suspended acoustical tile @ 9'-0"
- 3 Exposed structure
- 4 Gypsum board furrdown height @ 8'-2"
- 5 Ceiling expansion joint
- 6 Gypsum board furrdown @ 7'-0"
- 7 Gypsum board furrdown height @ 9'-0"
- 8 Suspended acoustical tile @ 9'-6"
- 9 Arched gyp.bd. ceiling; Re: B7/A701 for heights and radius
- 10 Suspended acoustical tile @ 9'-4"
- 11 Gypsum board ceiling height @ 10'-4"
- 12 Pendant fixture; Re: Electrical Schedule
- 13 Suspended acoustical ceiling @ 8'-6"
- 14 Suspended acoustical ceiling @ 10'-0"
- 15 Radius edge of furrdown; R=13'-10"
- 16 Radius edge of furrdown; R=10'-6"
- 17 Radius edge of furrdown; R=26'-6"
- 18 Radius edge of furrdown; R=25'-6"
- 19 Rework existing A.T. ceiling to accommodate new construction
- 20 Align furrdown with adjacent wall(s)
- 21 Suspended acoustical ceiling @ 10'-0" above landing
- 22 Gypsum board bulkhead
- 23 Overhead projector by Owner
- 24 Radius edge of furrdown; R=18'-3"
- 25 Radius edge of furrdown; R=14'-9"
- 26 Align furrdown with near-by wall
- 27 Radius edge of furrdown; R=13'-2"
- 28 Radius edge of furrdown; R=11'-2"
- 29 Furrdown painted accent color; refer to Finish Schedule
- 30 Radius edge of furrdown; R=17'-0"

Legend

- 2 x 4 Lay-In Fluorescent Fixture
- Recessed Can Light Fixture
- Emergency Downlight
- Pendent Fixture
- 2 x 2 Acoustical Ceiling Tiles
- 2 x 2 Supply Diffuser
- 2 x 2 Return Air Diffuser
- Exit Light - Ceiling Mounted
- Gyp. Bd. Ceiling
- Flourescent Strip Lighting
- Speaker
- Camera

three inches = one foot

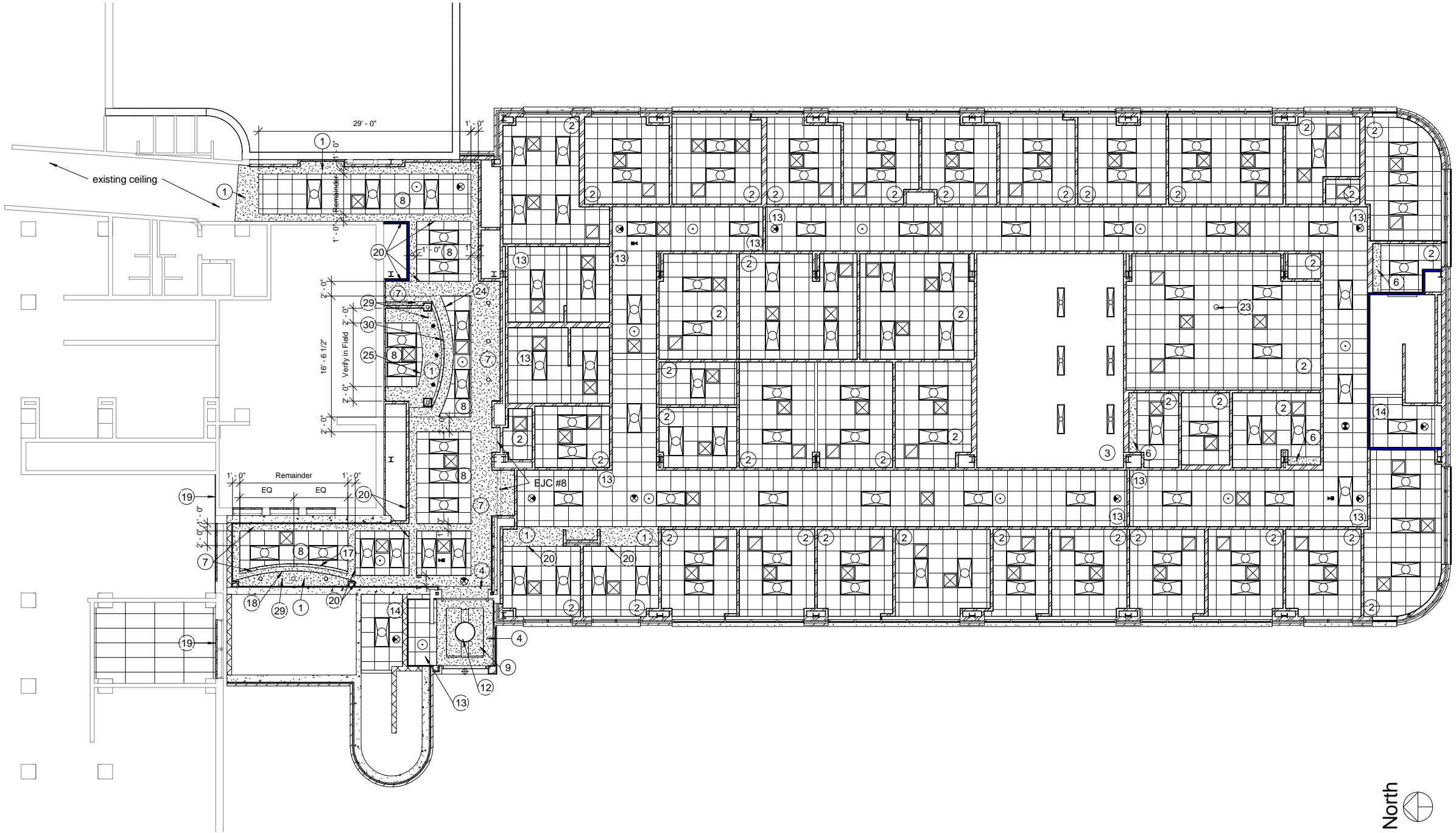
one and one half inch = one foot

three quarters inch = one foot

one half inch = one foot

one quarter inch = one foot

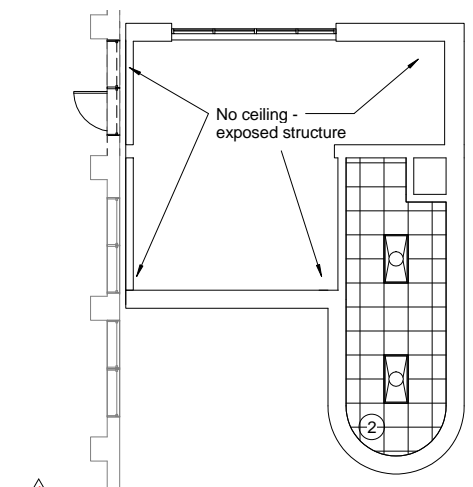
one eighth inch = one foot



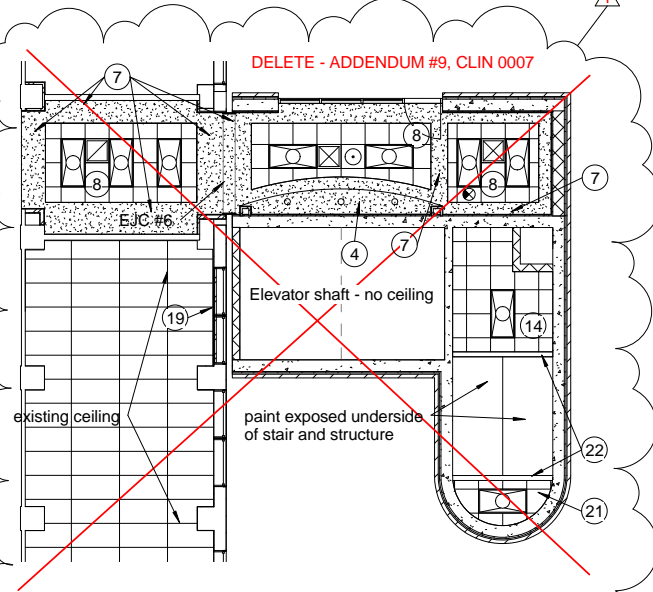
F1 Basement Ceiling Plan
1/8" = 1'-0"

REVISIONS		DATE	AS-BUILT DRAWINGS This document has been prepared based on As-Built information provided by others. Those relying on this document are advised to obtain independent verification of its accuracy before using it for any purpose.	CONSULTANTS: Jacobs Engineering JACOBS 10816 EXECUTIVE CENTER DRIVE, SUITE 300 LITTLE ROCK, ARKANSAS 72114-3883 PHONE (501) 223-0515 FAX (501) 223-2470 JACOBS PROJECT NO: F3W81800		ARCHITECT/ENGINEERS: Tompkins Architects, LLC  612 N.W. Kay Drive Lee's Summit, Missouri 64063 Phone: (816) 525-9833 Fax: (816) 524-9005 Email: jet@tom-arch.com  STUCK associates ARCHITECTS Phone: (501) 378-0959 1308 South Main Street www.stuckarch.com Little Rock, Arkansas 72202	Drawing Title Basement Reflected Ceiling Plan		Project Title Outpatient Mental Health Improvements Overton Brooks Veterans Administration Medical Center		Project Number 667-081		Office of Facility Management 100% Submittal
							Approved: Project Director		Location Shreveport, Louisiana		Building Number Bldg. 1, South Wing		
							Date 01/20/2010		Checked Checker	Drawing Number A401		Dwg. 26 of 123	

A three inches = one foot
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C three quarters inch = one foot
D one half inch = one foot
E one quarter inch = one foot
F one eighth inch = one foot
10/22/2012 5:08:49 PM

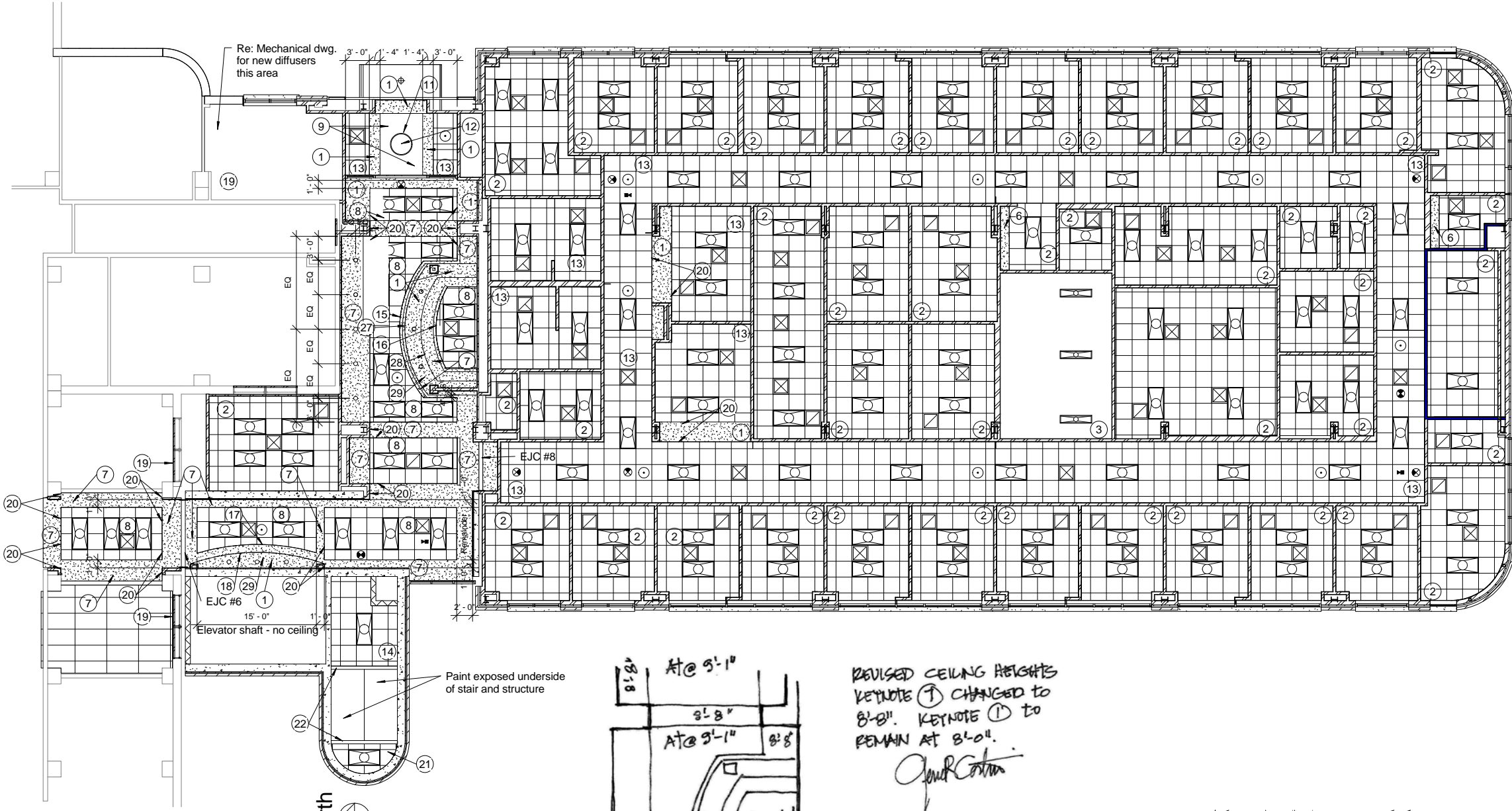


C1 ~~3rd Floor Ceiling Plan~~
1/8" = 1'-0"

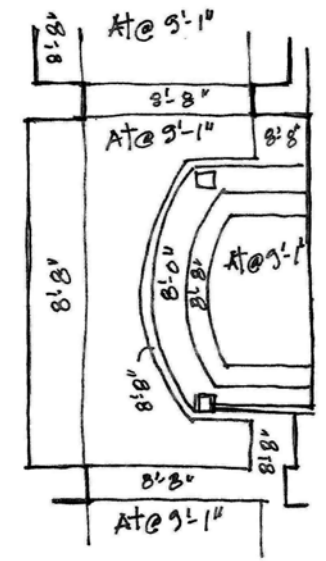


E1 2nd Floor / Roof Plan
1/8" = 1'-0"

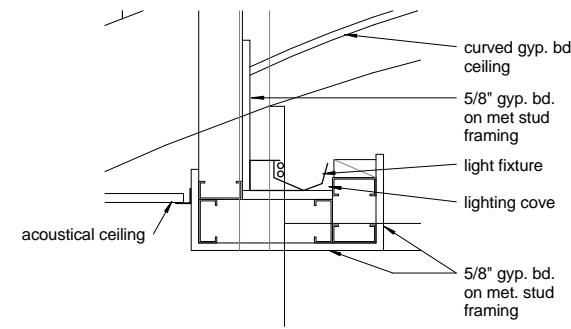
Addendum #9, CLIN 0007: Deleted the indicated Third Floor construction in its entirety. The third floor plan shall now become the Second Floor Plan with the elevator equipment room and stair layout being the same as the previous third floor. All work at the existing third floor shall be similar to the fourth floor where there will be a new door to the roof of the elevator tower from the existing building. At the second floor th only work in the existing building will be to block in the windows and refinish the exterior walls of the affected rooms.



E2 1st Floor Ceiling Plan
1/8" = 1'-0"



REVISED CEILING HEIGHTS
KEYNOTE ① CHANGED TO
8'-8". KEYNOTE ① TO
REMAIN AT 8'-0".
John Cotton

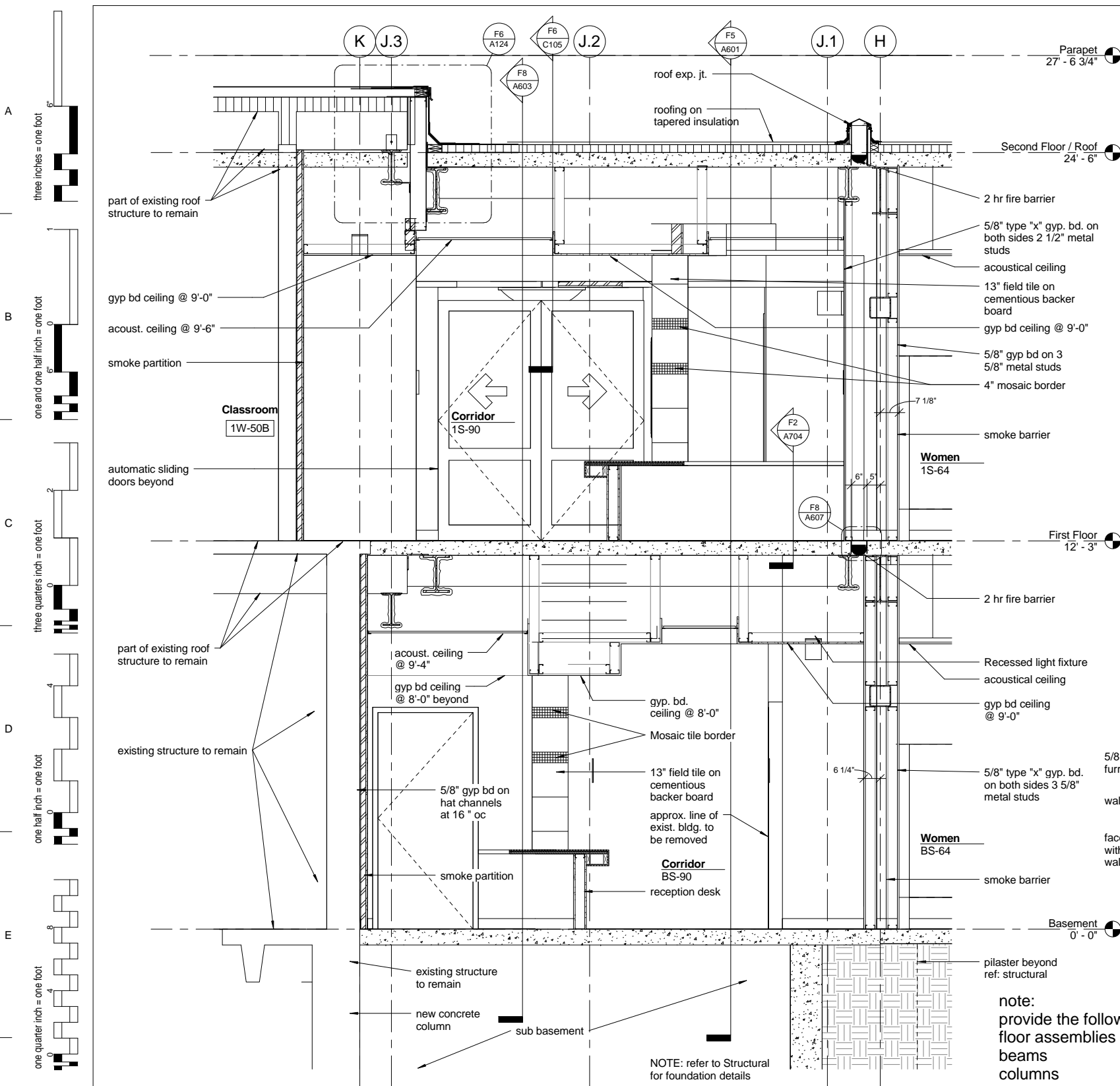


F7 Light Cove @ East Vest.
1 1/2" = 1'-0"

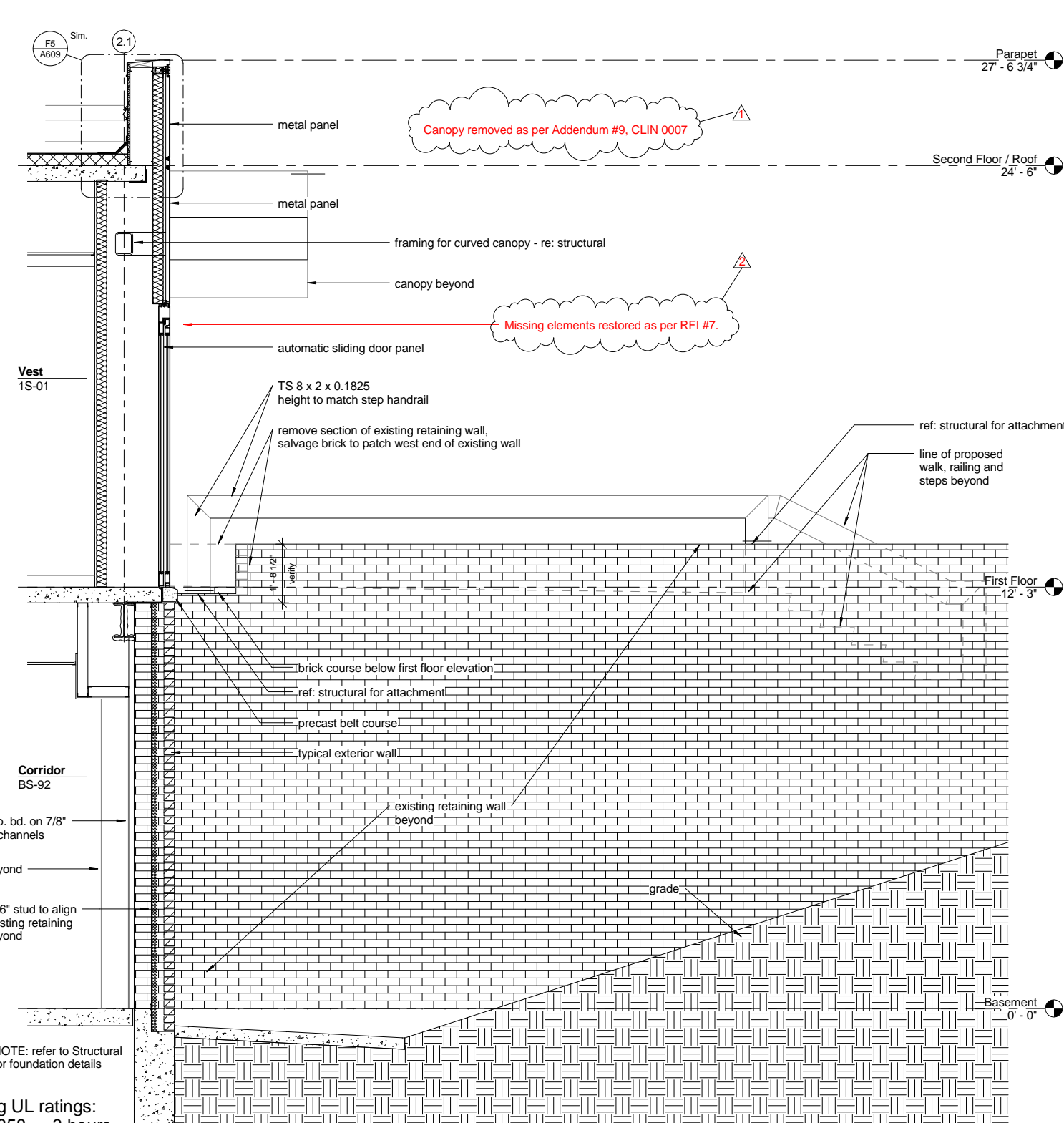
FIRST FLOOR CEILING
FEB. 8, 2011

REVISIONS		DATE	AS-BUILT DRAWINGS This document has been prepared based on As-Built information provided by others. Those relying on this document are advised to obtain independent verification of its accuracy before using it for any purpose.	CONSULTANTS: Jacobs Engineering JACOBS 10816 EXECUTIVE CENTER DRIVE, SUITE 300 LITTLE ROCK, ARKANSAS 72114-3883 PHONE (501) 223-0515 FAX (501) 223-2470 JACOBS PROJECT NO: F3W81800	ARCHITECT/ENGINEERS: Tompkins Architects, LLC  612 N.W. Kay Drive Lee's Summit, Missouri 64063 Phone: (816) 525-9833 Fax: (816) 524-9005 Email: jet@tom-arch.com STUCK associates ARCHITECTS  Phone: (501) 378-0669 1308 South Main Street Little Rock, Arkansas 72202	Drawing Title First, Second, & Third Floor Reflected Ceiling Plan Approved: Project Director	Project Title Outpatient Mental Health Improvements Overton Brooks Veterans Administration Medical Center Location Shreveport, Louisiana Date 01/20/2010 Checked Author	Project Number 667-081 Building Number Bldg. 1, South Wing Drawing Number A411 Dwg. 27 of 123	Office of Facility Management 100% Submittal
1	Addendum #9, CLIN 0007 - 08/26/09	11/24/09							
2	"As-Built" Document Revisions	07/18/12							
3									
4									

NOTE: Refer to Sheet A401 for ceiling plan general notes and ceiling plan key notes.



F1 Bldg . Section @ Entry Corridors
1/2" = 1'-0"



F5 East Entry Section
1/2" = 1'-0"

three inches = one foot
one and one half inch = one foot
three quarters inch = one foot
one half inch = one foot
one quarter inch = one foot
one eighth inch = one foot
10/22/2012 5:08:51 PM

REVISIONS		DATE
▲	Addendum #9, CLIN 0007 - 08/26/09	11/24/09
▲	RFI, #7 - 01/07/10	01/20/10

AS-BUILT DRAWINGS
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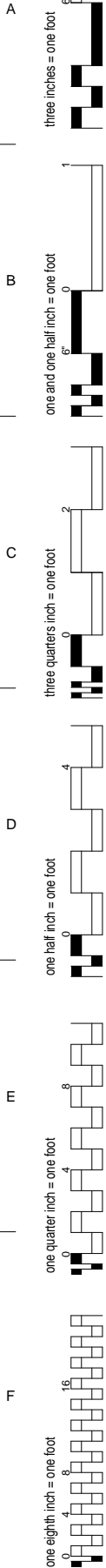
CONSULTANTS:
Jacobs Engineering
JACOBS
10816 EXECUTIVE CENTER DRIVE, SUITE 300
LITTLE ROCK, ARKANSAS 72111-4383
PHONE (501) 223-0515 FAX (501) 223-2470
JACOBS PROJECT NO: F3W81800

ARCHITECT/ENGINEERS:
Tompkins Architects, LLC
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Fax: (816) 524-9005
Email: jet@tom-arch.com
STUCK associates ARCHITECTS
Phone: (501) 378-0959
1308 South Main Street
Little Rock, Arkansas 72202

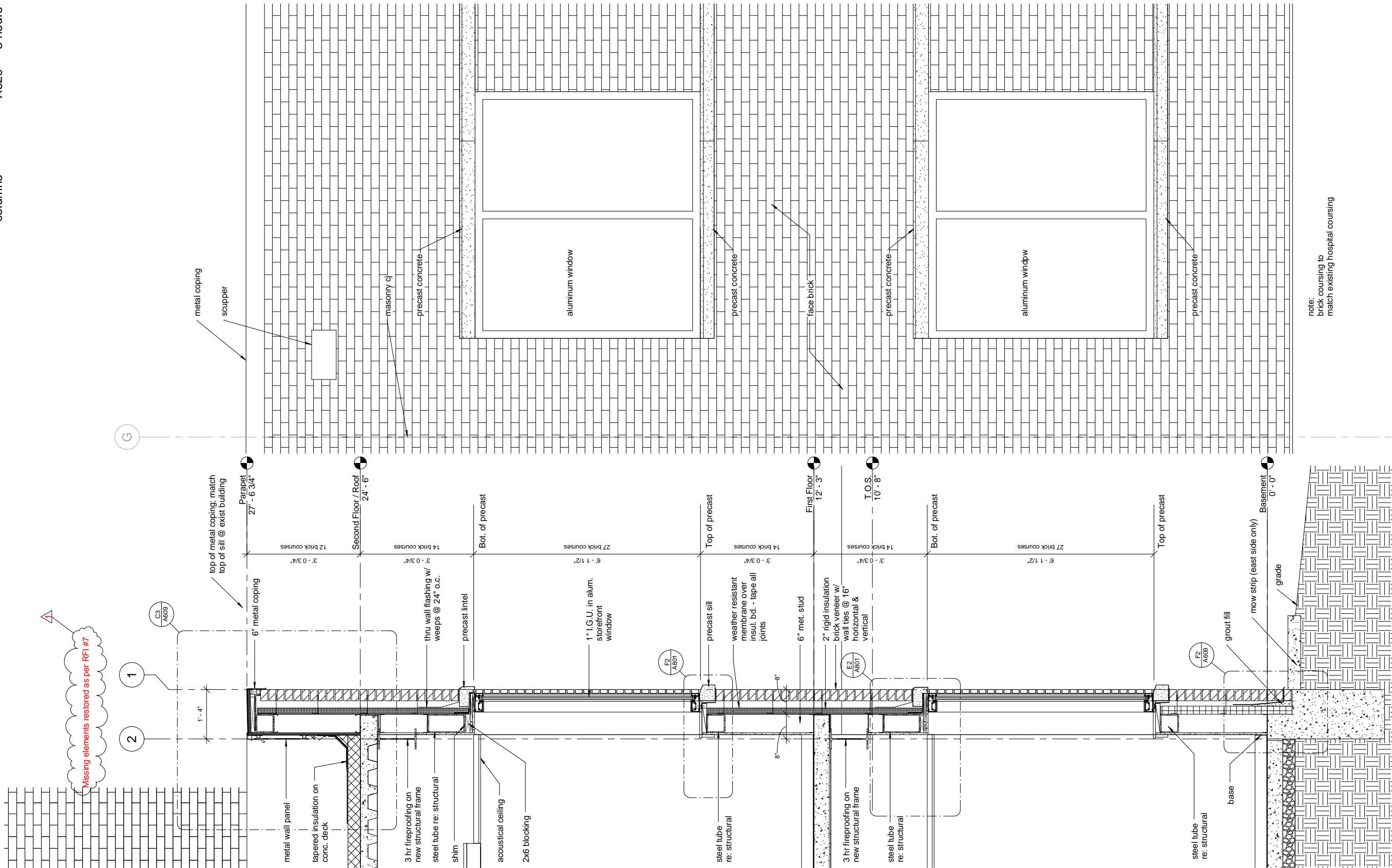
Drawing Title
Wall Sections
Approved: Project Director

Project Title
Outpatient Mental Health Improvements
Overton Brooks
Veterans Administration Medical Center
Location
Shreveport, Louisiana
Date
01/20/2010
Checked
Author
Project Number
667-081
Building Number
Bldg. 1, South Wing
Drawing Number
A601
Dwg. 28 of 123

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note:
provide the following UL ratings:
floor assemblies D858 3 hours
beams N823 3 hours
columns X829 3 hours



note:
brick coursing to
match existing hospital coursing

REVISIONS		DATE
RFI, #7 - 01/07/10		01/20/10

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10816 EXECUTIVE CENTER DRIVE, SUITE 300
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PHONE (501) 223-0515 FAX (501) 223-2470
JACOBS PROJECT NO: F3W81800

ARCHITECT/ENGINEERS:
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Email: jet@tom-arch.com
STUCK associates ARCHITECTS
Phone: (501) 378-0669
www.stuckarch.com
1308 South Main Street
Little Rock, Arkansas 72202

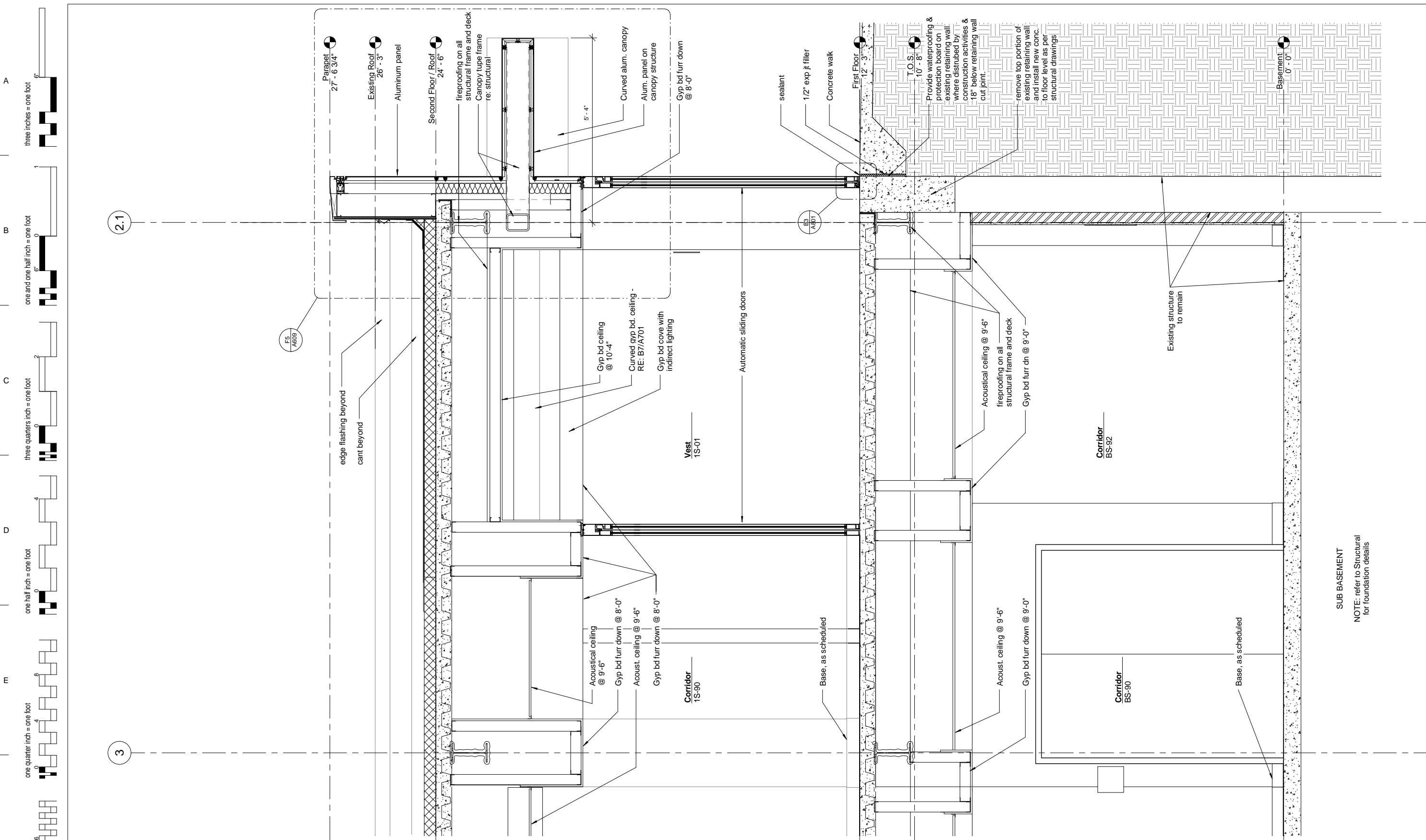
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Wall Sections
Approved: Project Director

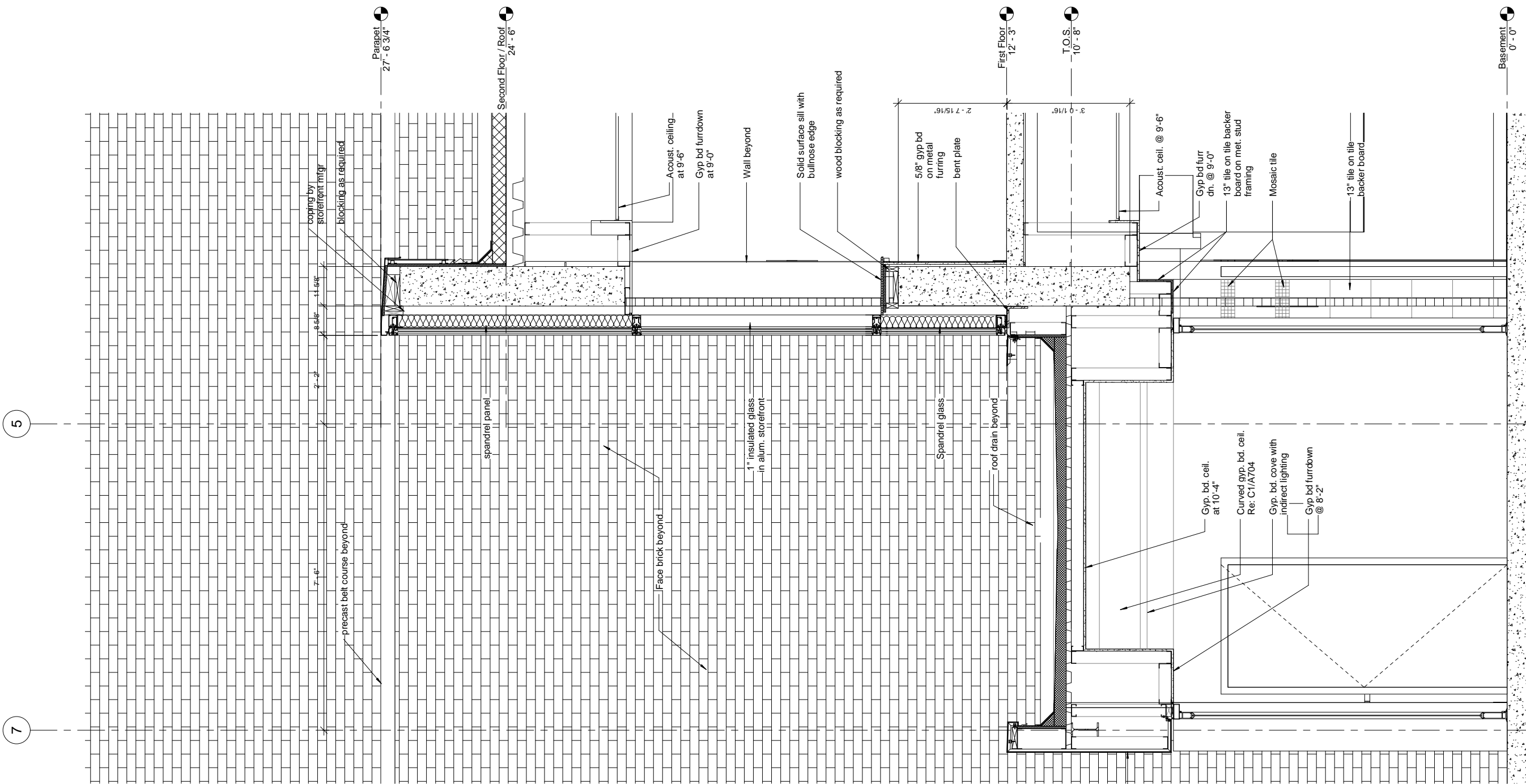
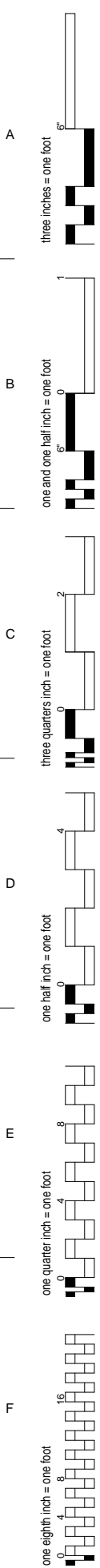
Project Title Outpatient Mental Health Improvements Overton Brooks Veterans Administration Medical Center		Project Number 667-081
Location Shreveport, Louisiana		Drawing Number A602
Date 01/20/2010	Checked Checker	Drawn Author
		Dwg. 29 of 123

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C8 Enlarged Elev
3/4" = 1'-0"

F8 Wall Section
3/4" = 1'-0"





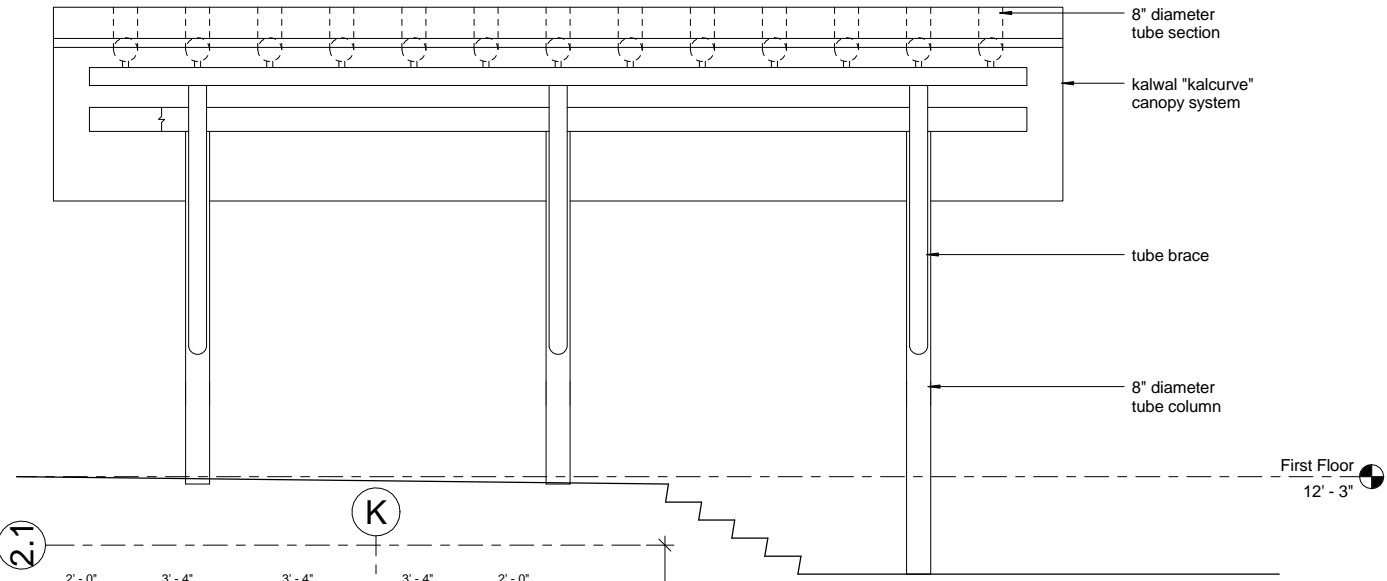
note:
provide the following UL ratings:
floor assemblies D858 3 hours
beams N823 3 hours
columns X829 3 hours

NOTE: Refer to Structural
For Foundation Details

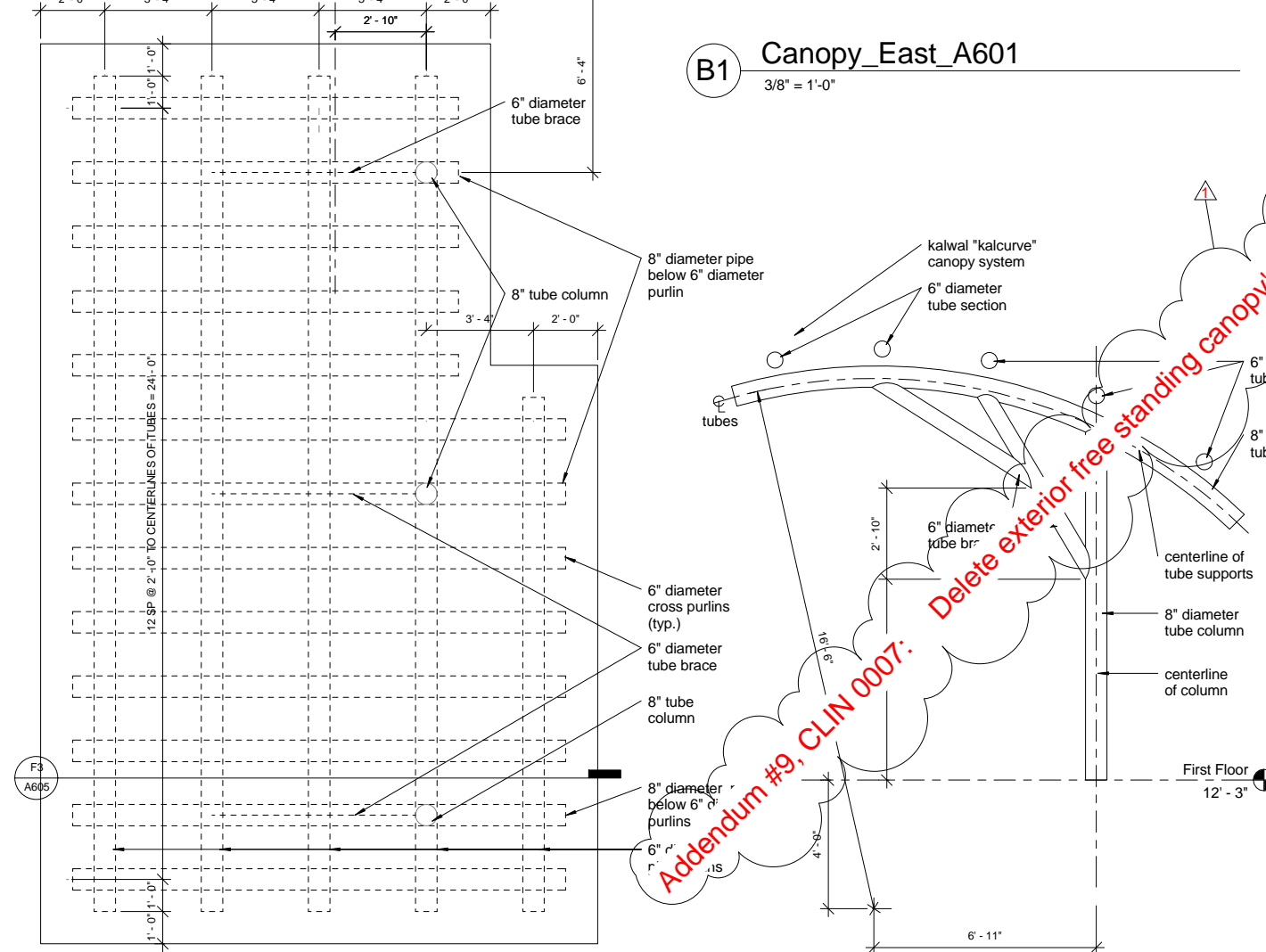
REVISIONS		DATE	AS-BUILT DRAWINGS This document has been prepared based on As-Built information provided by others. Those relying on this document are advised to obtain independent verification of its accuracy before using it for any purpose.	CONSULTANTS: Jacobs Engineering JACOBS 10816 EXECUTIVE CENTER DRIVE, SUITE 300 LITTLE ROCK, ARKANSAS 72114-3883 PHONE (501) 223-0515 FAX (501) 223-2470 JACOBS PROJECT NO: F3W81800		ARCHITECT/ENGINEERS: Tompkins Architects, LLC  612 N.W. Kay Drive Lee's Summit, Missouri 64063 Phone: (816) 525-9833 Fax: (816) 524-9005 Email: jet@tom-arch.com  STUCK associates ARCHITECTS Phone: (501) 378-0959 1308 South Main Street www.stuckarch.com Little Rock, Arkansas 72202	Drawing Title	Project Title		Project Number		Office of Facility Management <
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NOTE: Sheet A605 for reference only. Refer to Structural sheets for details.

A
three inches = one foot
B
one and one half inch = one foot
C
three quarters inch = one foot
D
one half inch = one foot
E
one quarter inch = one foot
F
one eighth inch = one foot
10/22/2012 5:09:00 PM

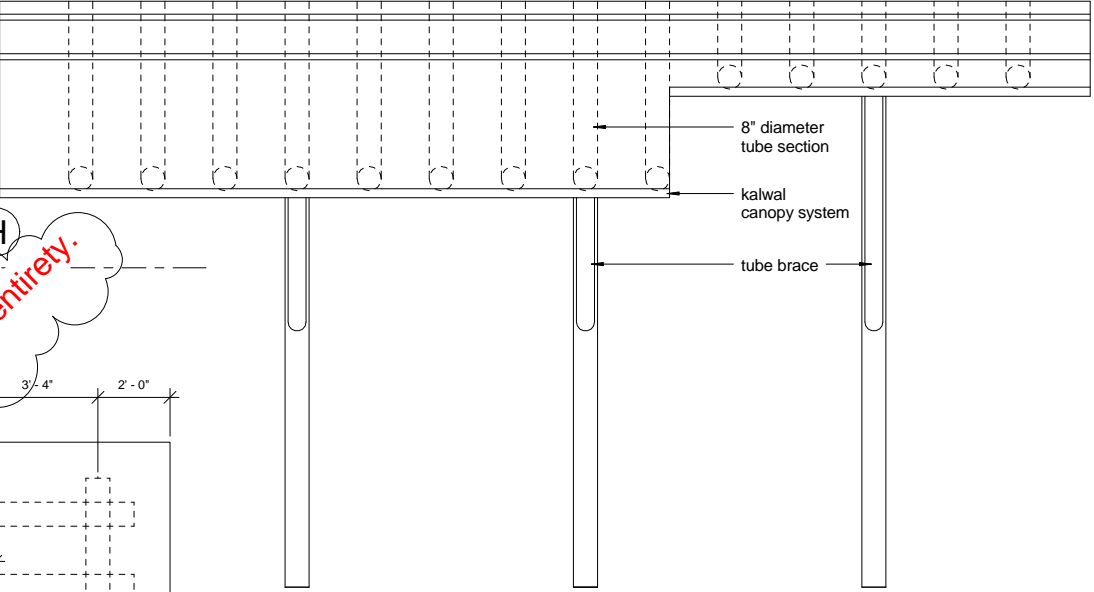


B1 Canopy_East_A601
3/8" = 1'-0"

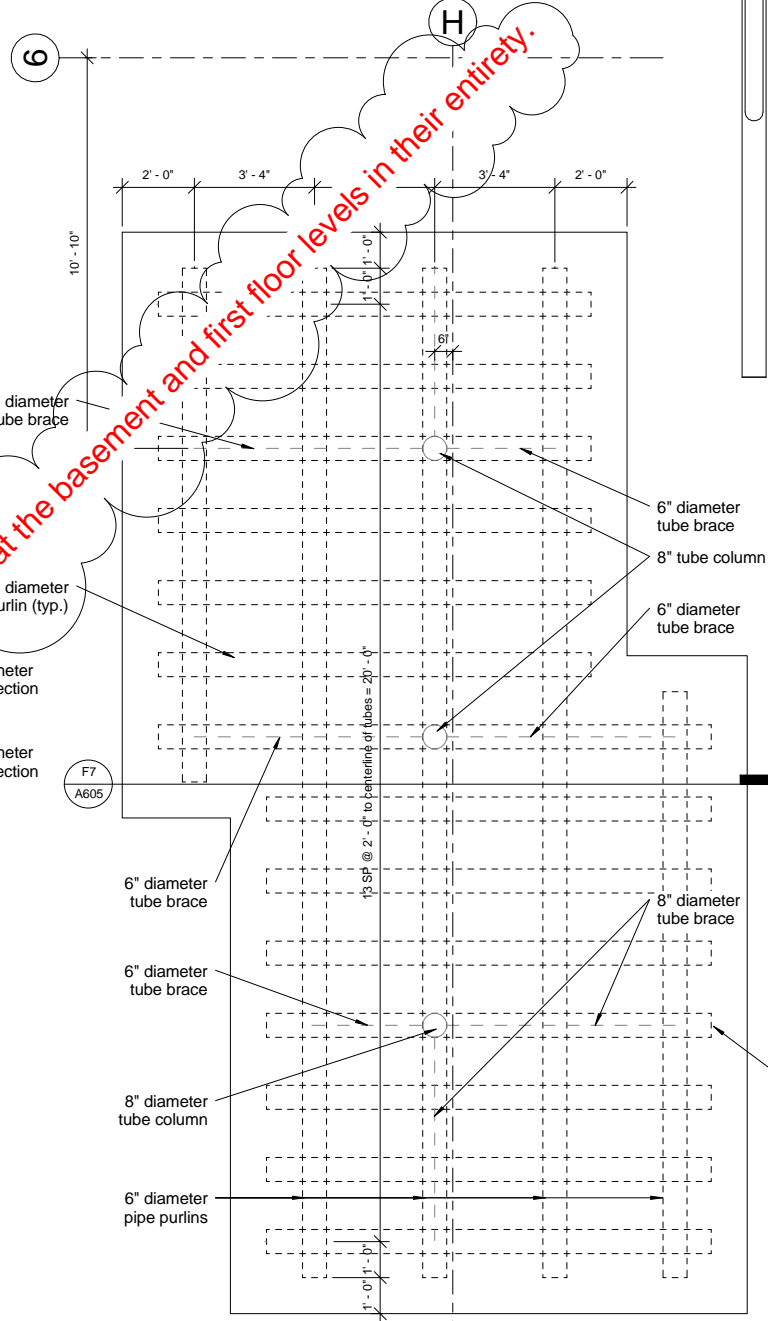


F1 East_Canopy_Plan
3/8" = 1'-0"

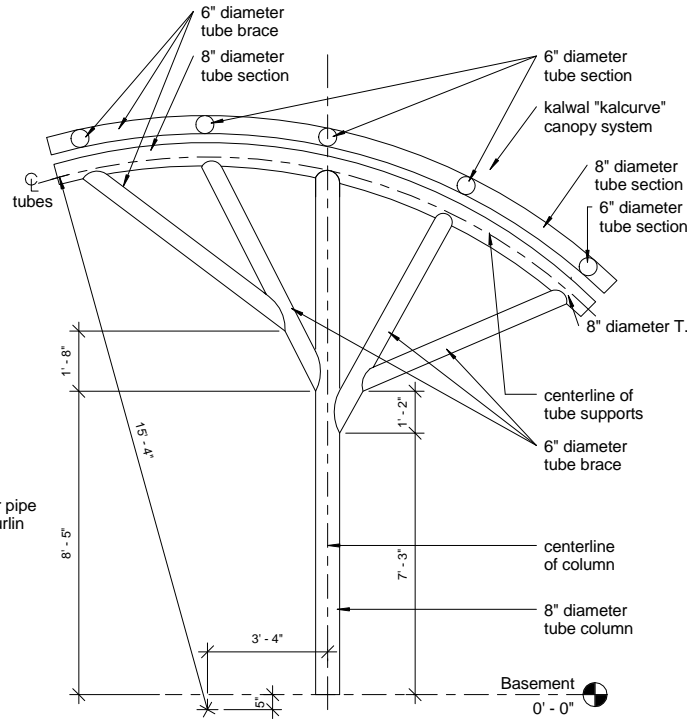
F3 East_Canopy_Elevation
3/8" = 1'-0"



C7 West Canopy South Elevation
3/8" = 1'-0"



F5 West_Canopy_Plan
3/8" = 1'-0"



F7 West_Canopy_Elevation
3/8" = 1'-0"

REVISIONS		DATE
A	Addendum #9, CLIN 0007 - 08/26/09	11/24/09

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JACOBS PROJECT NO: F3W81800

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Email: jet@tom-arch.com

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associates
ARCHITECTS
Phone: (501) 378-0669
www.stuckarch.com
1308 South Main Street
Little Rock, Arkansas 72202

Drawing Title	Canopy Plans & Elevations		
Approved: Project Director			

Project Title	Outpatient Mental Health Improvements Overton Brooks Veterans Administration Medical Center		
Location	Shreveport, Louisiana		
Date	01/20/2010	Checked	Author

Project Number	667-081
Building Number	Bldg. 1, South Wing
Drawing Number	A605
Dwg. 32 of 123	

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Facility
Management

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REVISIONS	DATE

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10816 EXECUTIVE CENTER DRIVE, SUITE 300
LITTLE ROCK, ARKANSAS 7211-4383
PHONE (501) 223-0515 FAX (501) 223-2470
JACOBS PROJECT NO: F3W81800

ARCHITECT/ENGINEERS:
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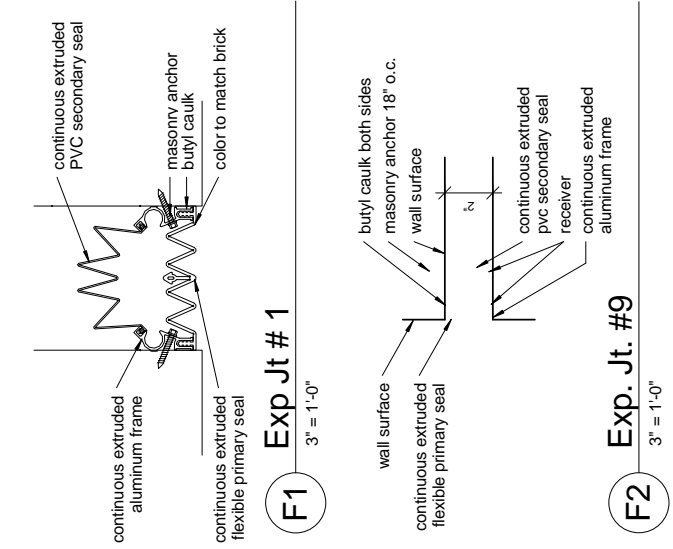
Drawing Title
Wall Sections & Details
Approved: Project Director

Project Title
**Outpatient Mental Health Improvements
Overton Brooks
Veterans Administration Medical Center**
Location
Shreveport, Louisiana
Date
01/20/2010
Checked
Checker
Drawn
Author

Project Number
667-081
Building Number
Bldg. 1, South Wing
Drawing Number
A607
Dwg. **33** of **123**

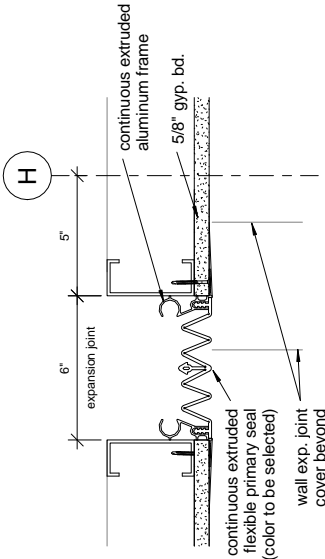
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Facility
Management

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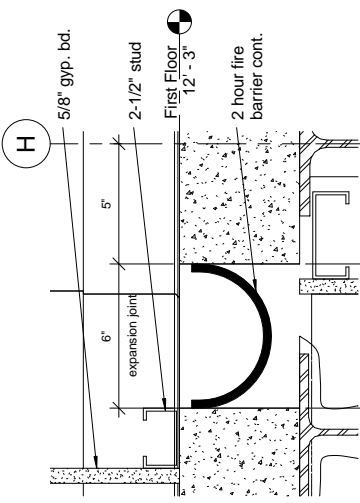
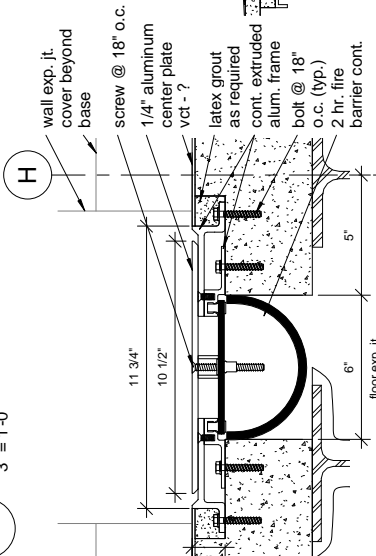
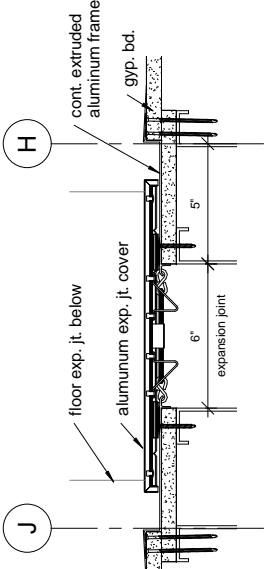


F2
Exp. Jt. #9
3" = 1'-0"

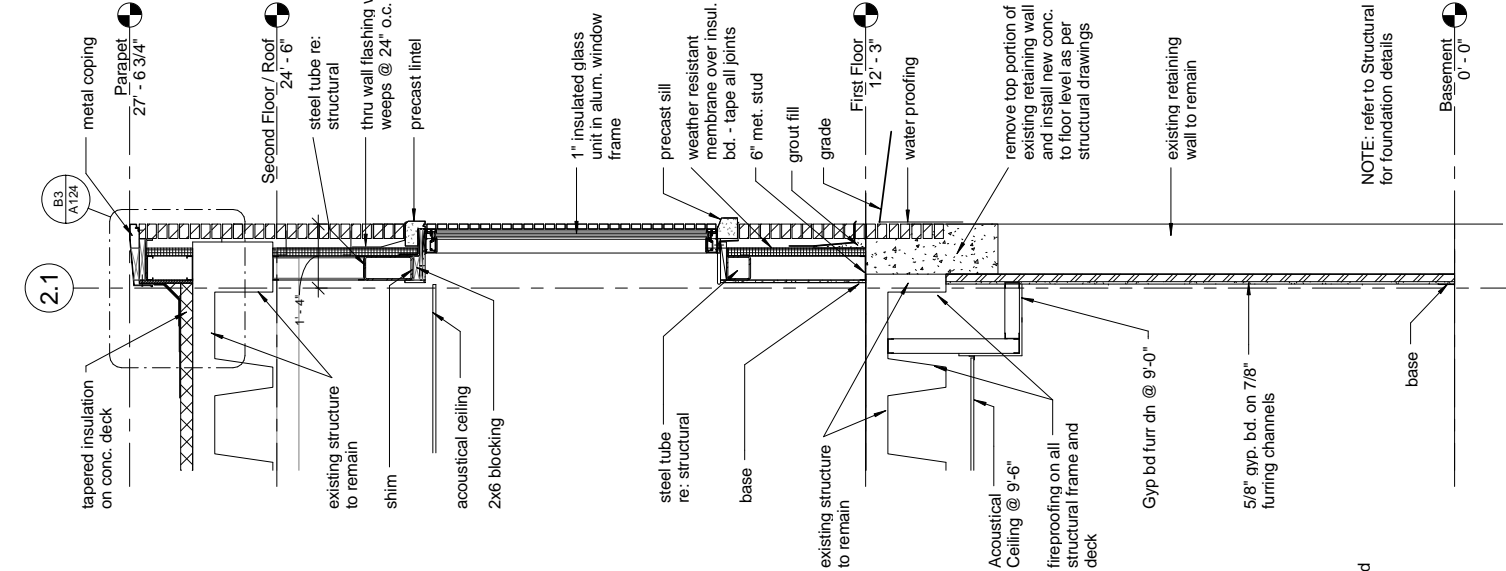
note provide the following UL ratings:
floor assemblies D858 3 hours
beams N823 3 hours
columns X829 3 hours



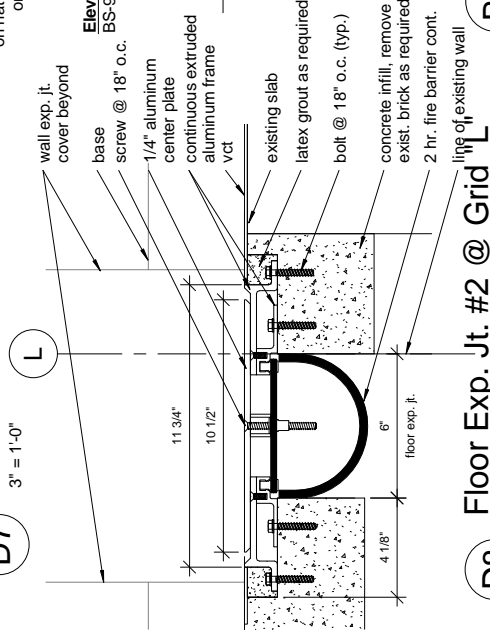
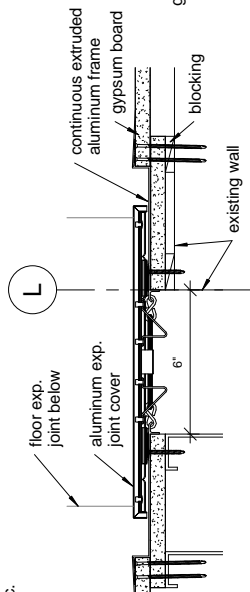
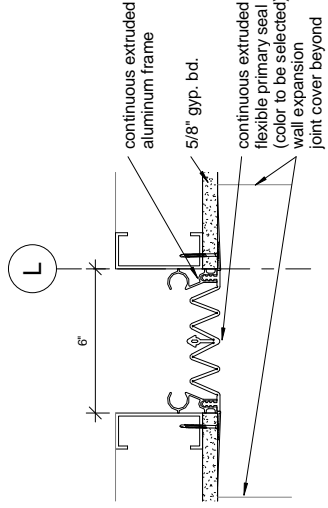
F6
Wall Exp. Jt. #7
3" = 1'-0"



F8
Floor Exp Jt. (2 hr.)
3" = 1'-0"

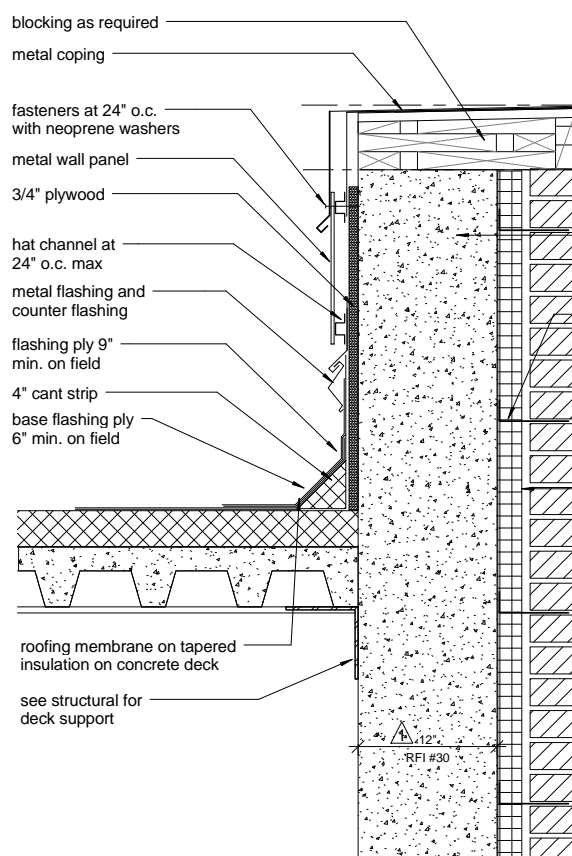


D5
Section Thru East Wall @ Exist.
1/2" = 1'-0"

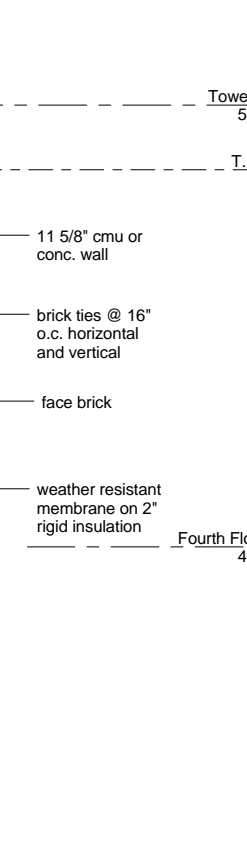


D8
Floor Exp. Jt. #2 @ Grid "L"
3" = 1'-0"

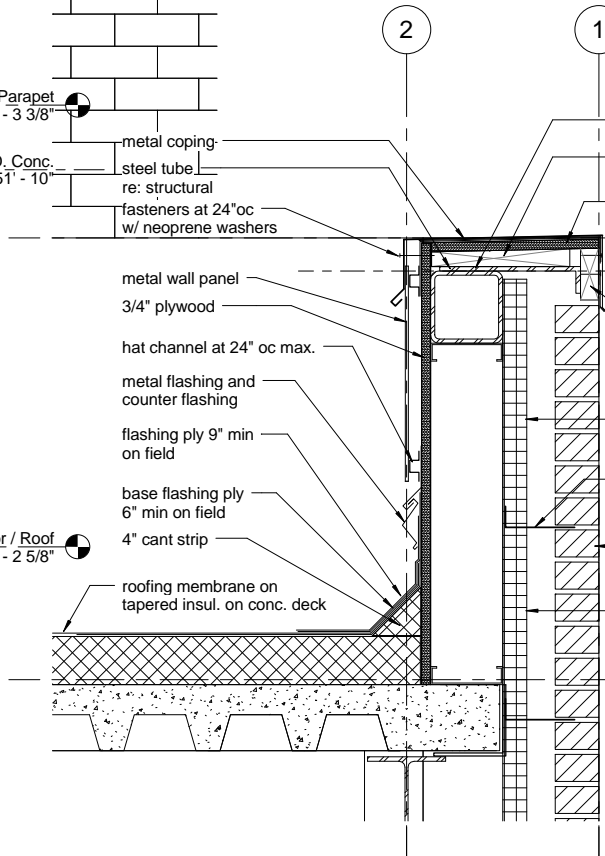
A
three inches = one foot
B
one and one half inch = one foot
C
three quarters inch = one foot
D
one half inch = one foot
E
one quarter inch = one foot
F
one eighth inch = one foot
10/22/2012 5:09:10 PM



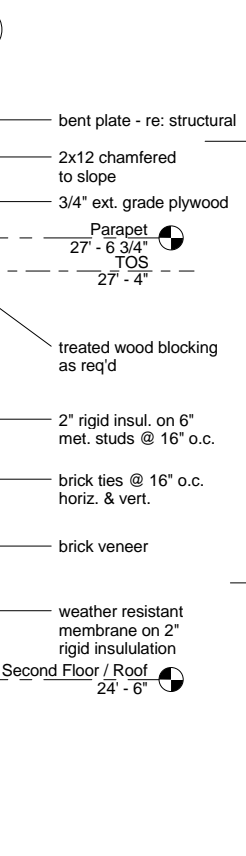
C1 Section @ 4th Floor Roof Parapet
1 1/2" = 1'-0"



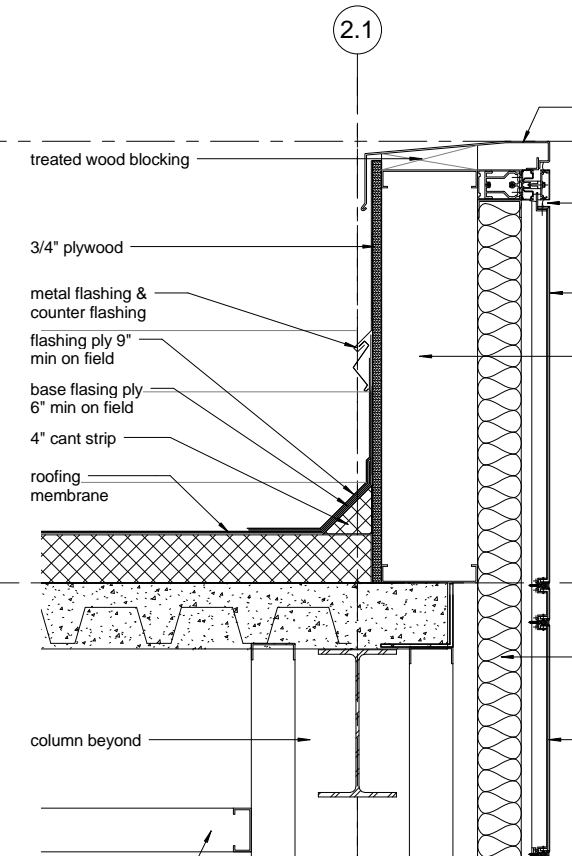
C3 Parapet
1 1/2" = 1'-0"



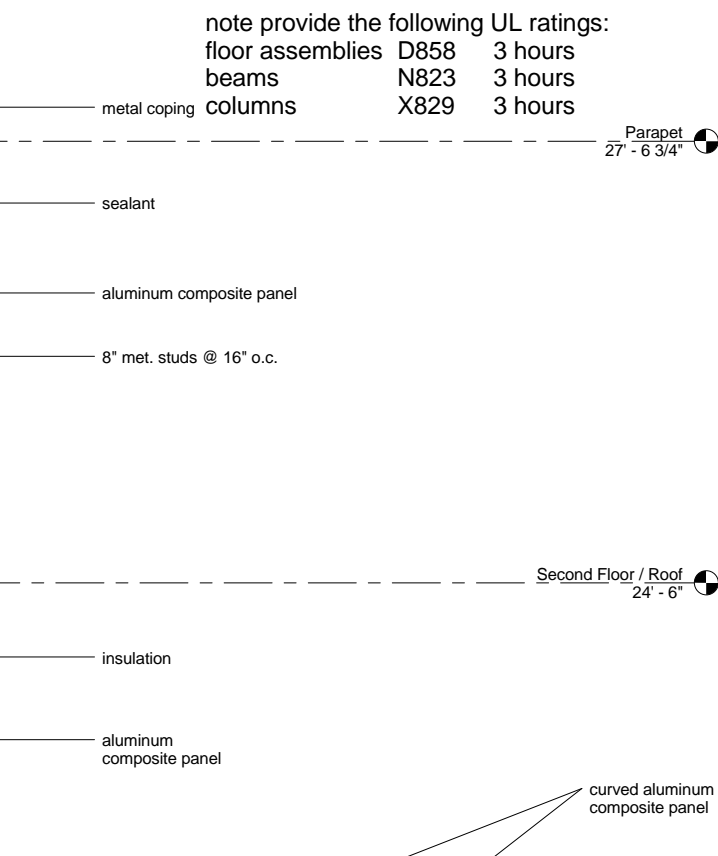
C3 Parapet
1 1/2" = 1'-0"



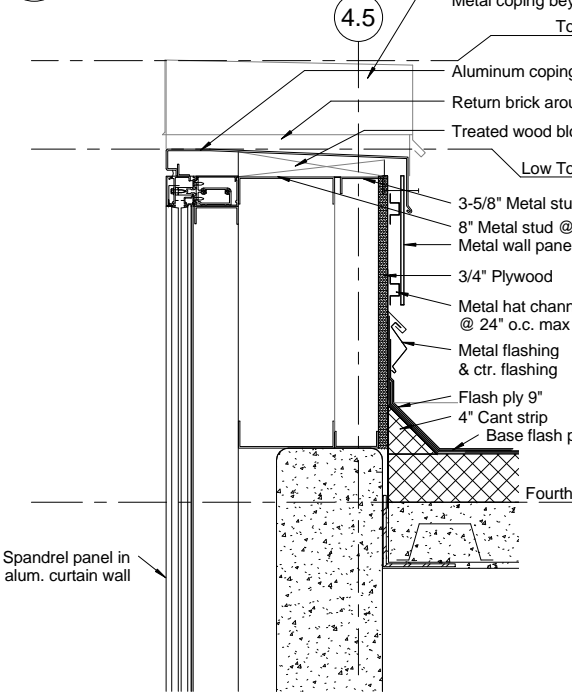
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1 1/2" = 1'-0"



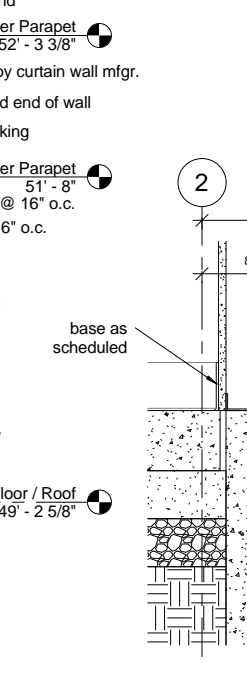
C3 Parapet
1 1/2" = 1'-0"



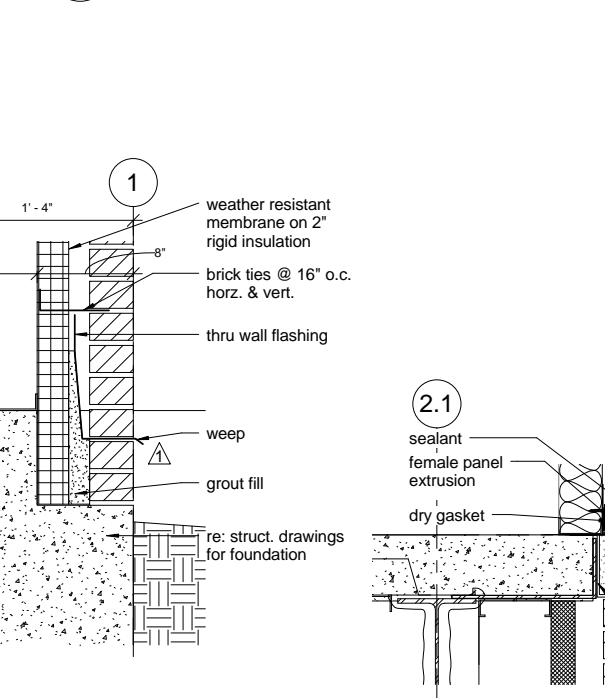
C3 Parapet
1 1/2" = 1'-0"



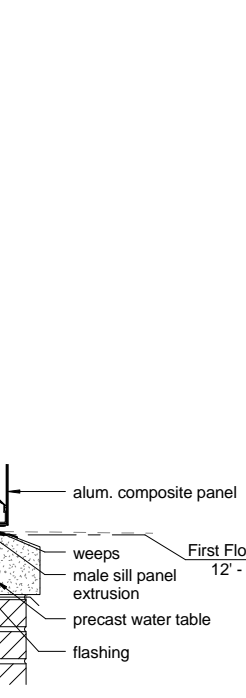
F1 Parapet Detail @ 4th Floor/Roof
1 1/2" = 1'-0"



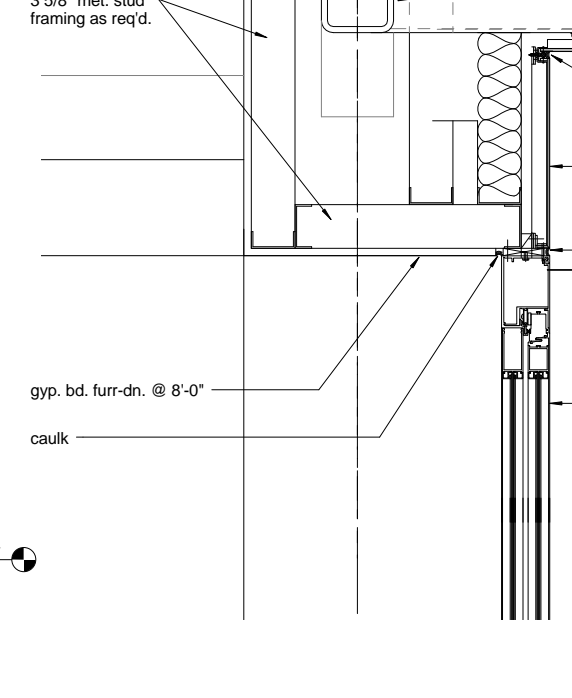
F2 Detail Section @ Footing
1 1/2" = 1'-0"



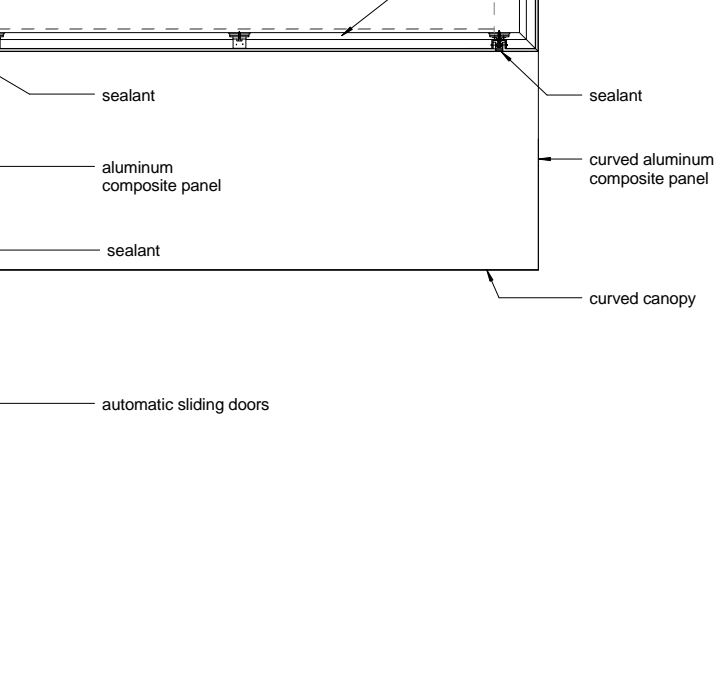
F4 Section Thru Alum. Panel Sill
1 1/2" = 1'-0"



F4 Section Thru Alum. Panel Sill
1 1/2" = 1'-0"



F5 Parapet @ East Entrance
1 1/2" = 1'-0"



F5 Parapet @ East Entrance
1 1/2" = 1'-0"

note provide the following UL ratings:
floor assemblies D858 3 hours
beams N823 3 hours
columns X829 3 hours

REVISIONS	DATE
"As-Built" Document Revisions	07/18/12

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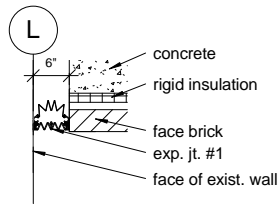
STUCK
associates
ARCHITECTS
Phone: (501) 378-0959 1308 South Main Street
www.stuckarch.com Little Rock, Arkansas 72202

Drawing Title
Entry Details
Approved: Project Director

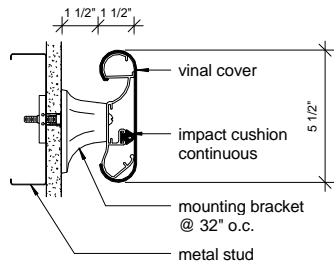
Project Title
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Overton Brooks
Veterans Administration Medical Center
Location
Shreveport, Louisiana
Date
01/20/2010
Checked
Author
Project Number
667-081
Building Number
Bldg. 1, South Wing
Drawing Number
A609
Dwg. 35 of 123

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Facility
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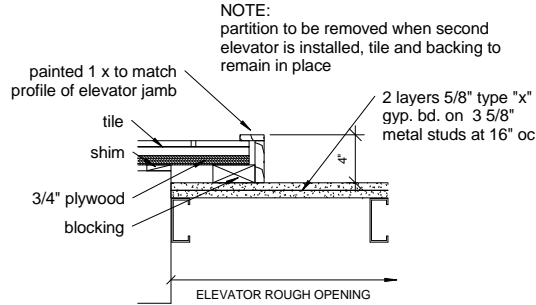
A
three inches = one foot
B
one and one half inch = one foot
C
three quarters inch = one foot
D
one half inch = one foot
E
one quarter inch = one foot
F
one eighth inch = one foot
10/22/2012 5:09:14 PM



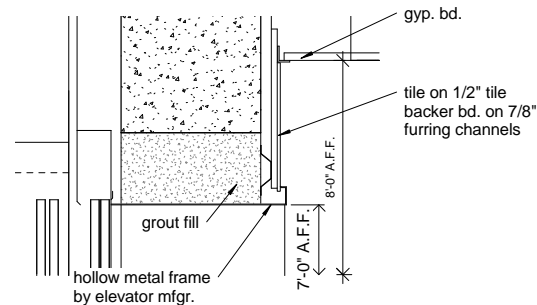
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3/4" = 1'-0"



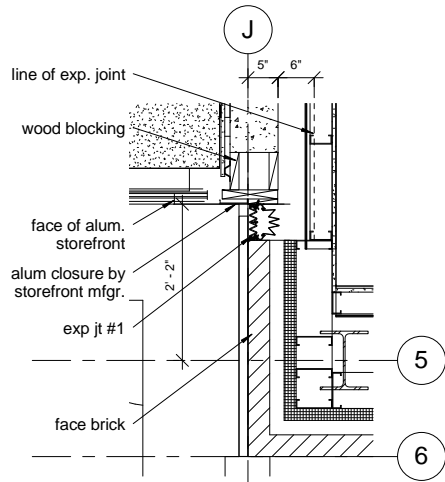
B1 Handrail Section
3" = 1'-0"



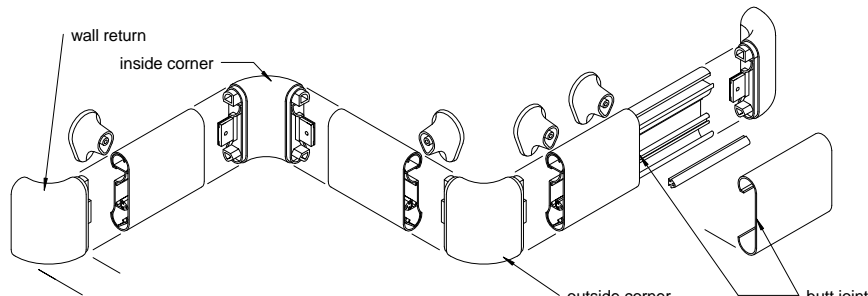
B4 Elevator Jamb - Alternate Bid
1 1/2" = 1'-0"



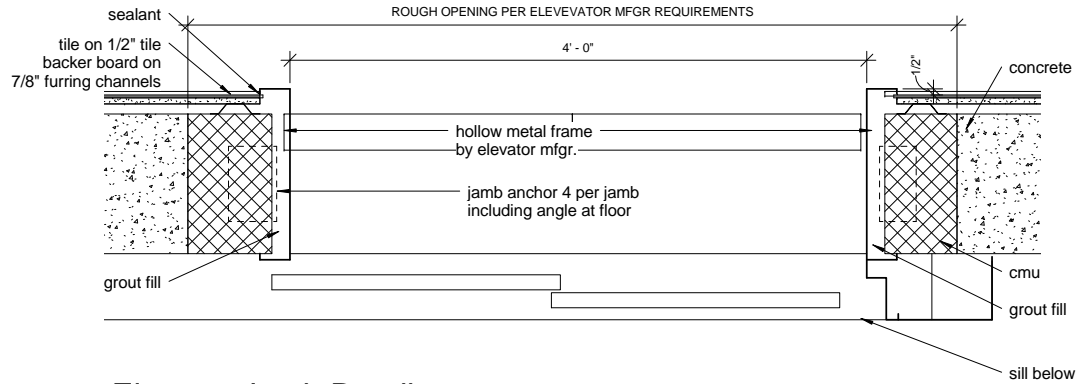
B7 Elevator Head
1 1/2" = 1'-0"



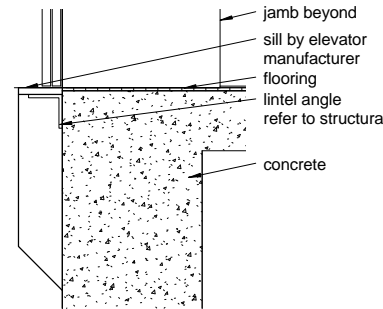
E1 Exp Jt @ First Floor
3/4" = 1'-0"



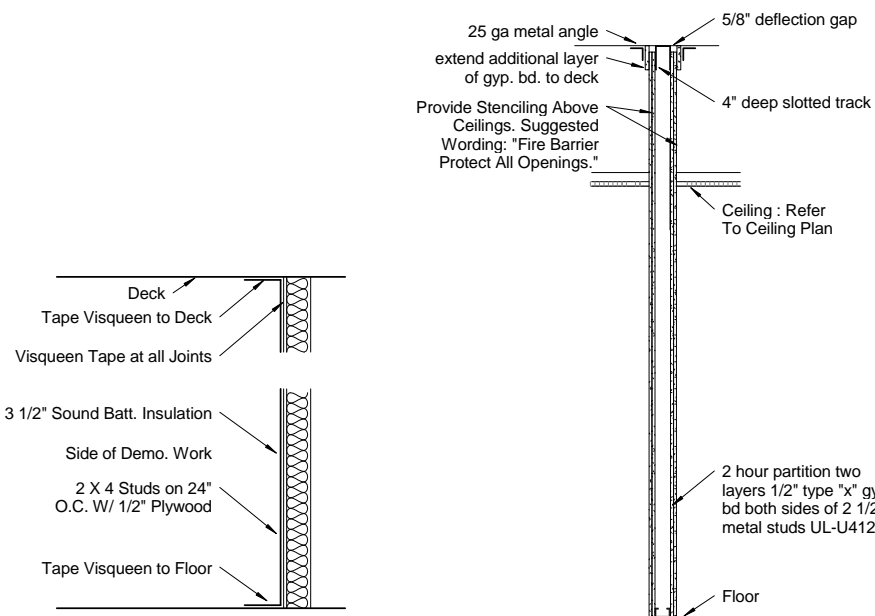
B2 Handrail Exploded
1 1/2" = 1'-0"



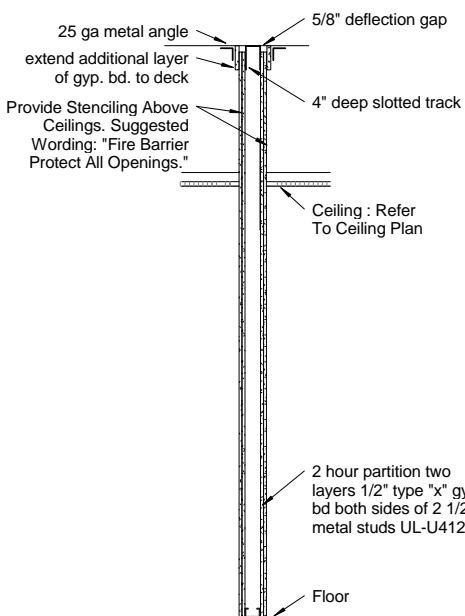
D4 Elevator Jamb Detail
1 1/2" = 1'-0"



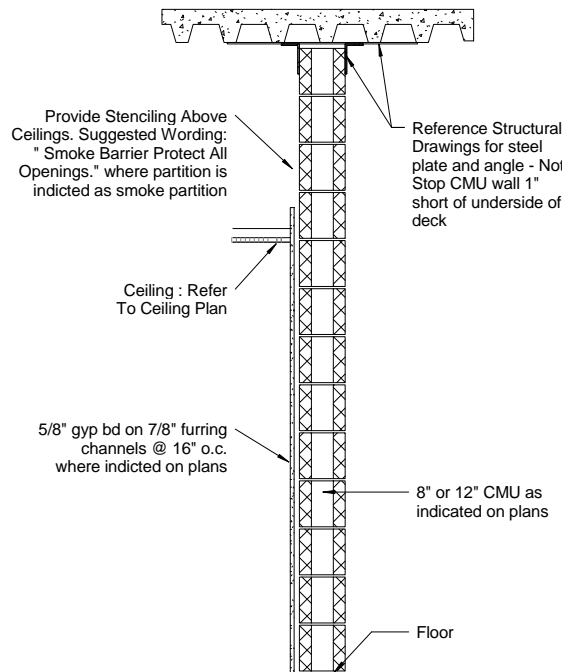
D7 Elevator Sill Detail
1 1/2" = 1'-0"



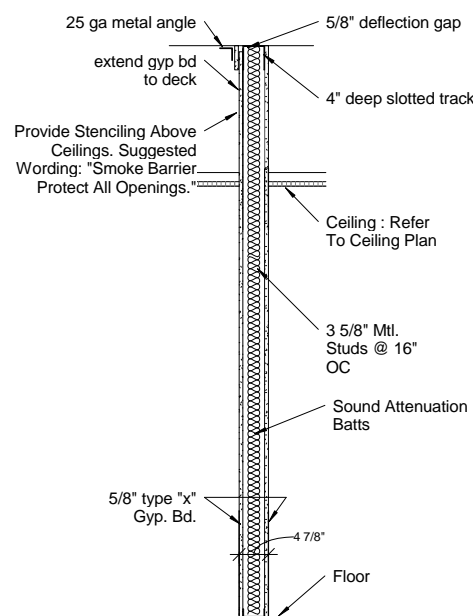
D3 Dust Partition
3/4" = 1'-0"



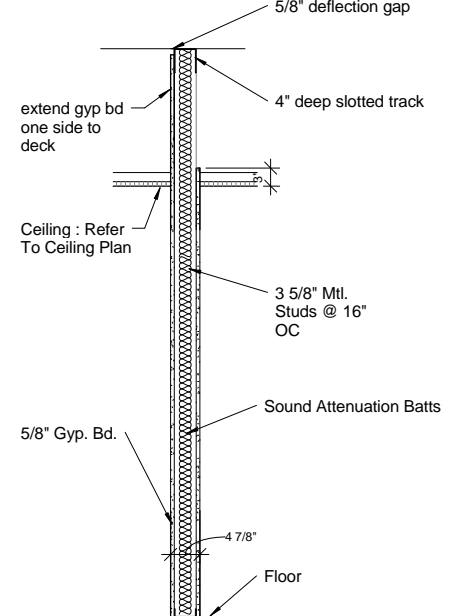
F3 2 Hour Partition
3/4" = 1'-0"



F4 CMU Partition
3/4" = 1'-0"



F6 Smoke Barrier (one hour rating)
3/4" = 1'-0"

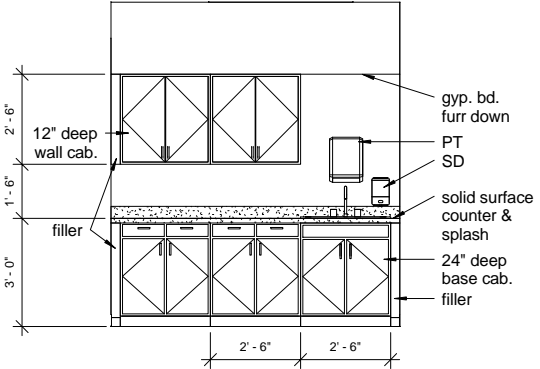


F7 Typical Partition
3/4" = 1'-0"

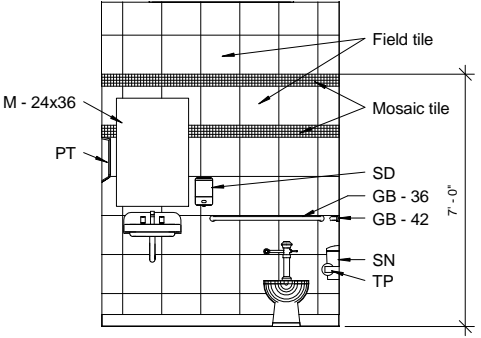
REVISIONS		DATE	AS-BUILT DRAWINGS This document has been prepared based on As-Built information provided by others. Those relying on this document are advised to obtain independent verification of its accuracy before using it for any purpose.	CONSULTANTS: Jacobs Engineering JACOBS 10816 EXECUTIVE CENTER DRIVE, SUITE 300 LITTLE ROCK, ARKANSAS 7211-4383 PHONE (501) 223-0515 FAX (501) 223-2470 JACOBS PROJECT NO: F3W81800		ARCHITECT/ENGINEERS: Tompkins Architects, LLC  612 N.W. Kay Drive Lee's Summit, Missouri 64063 Phone: (816) 525-9833 Fax: (816) 524-9005 Email: jet@tom-arch.com  STUCK associates ARCHITECTS Phone: (501) 378-0059 1308 South Main Street www.stuckarch.com Little Rock, Arkansas 72202		Drawing Title Partition Sections		Project Title Outpatient Mental Health Improvements Overton Brooks Veterans Administration Medical Center		Project Number 667-081		Office of Facility Management 100% Submittal			
								Approved: Project Director		Location Shreveport, Louisiana		Building Number Bldg. 1, South Wing				Drawing Number A610	
										Date 01/20/2010		Checked Checker				Drawn Author	

A three inches = one foot
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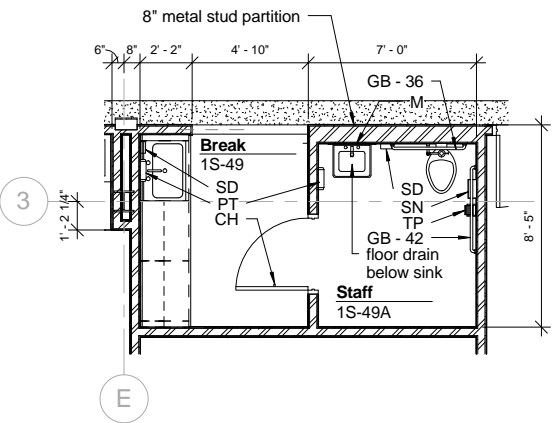
Accessories Legend			
Key	Item	Furnished	Installed
CH	Coat Hook	GC	GC
GB	Grab Bar	GC	GC
M	Mirror	GC	GC
MS	Mop Strip	GC	GC
PT	Paper Towel Dispenser	VA	GC
SD	Soap Dispenser	VA	GC
SN	Sanitary Napkin Disposal	VA	GC
TP	Dual Toilet Paper Dispenser	VA	GC
WR	Waste Receptacle / Paper Towel Dispenser	GC	GC



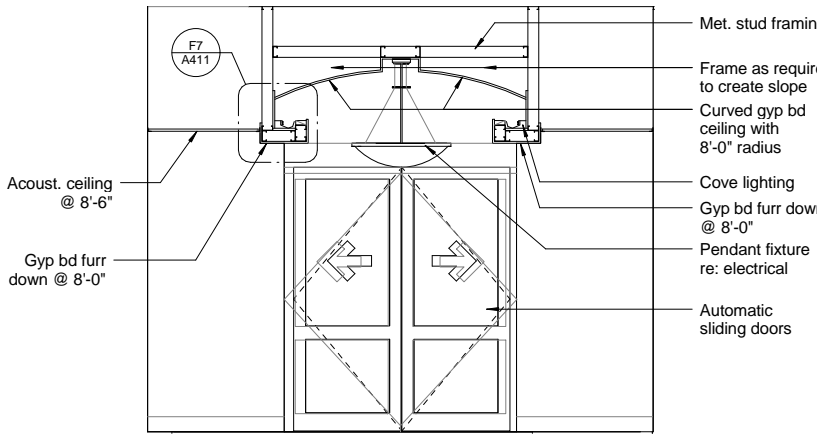
B2 1S-49 Break Elevation
3/8" = 1'-0"



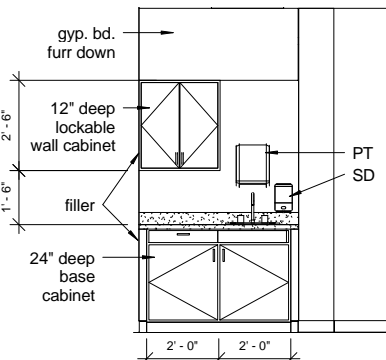
B3 1S-49A Staff Elevation
3/8" = 1'-0"



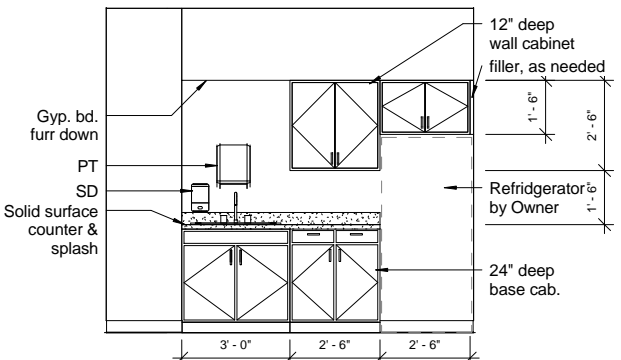
B5 Staff - First Floor
1/4" = 1'-0"



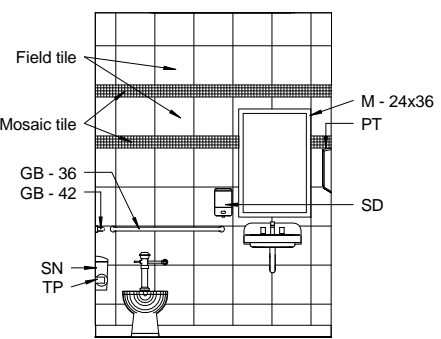
B7 1S-01 East Vestibule Elevation
3/8" = 1'-0"



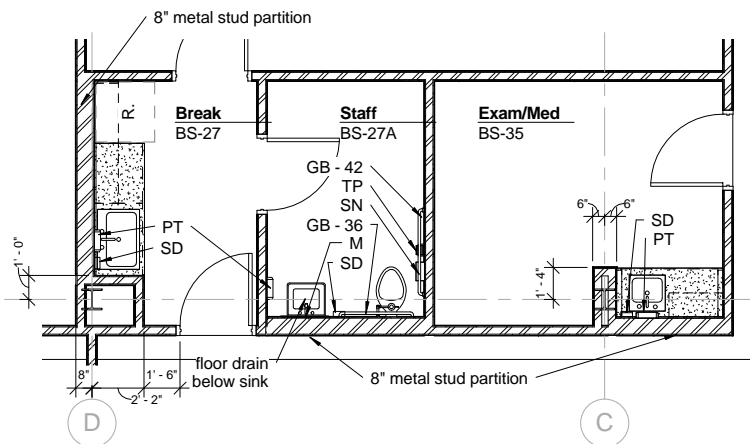
D1 BS-35 Exam/Med Elev
3/8" = 1'-0"



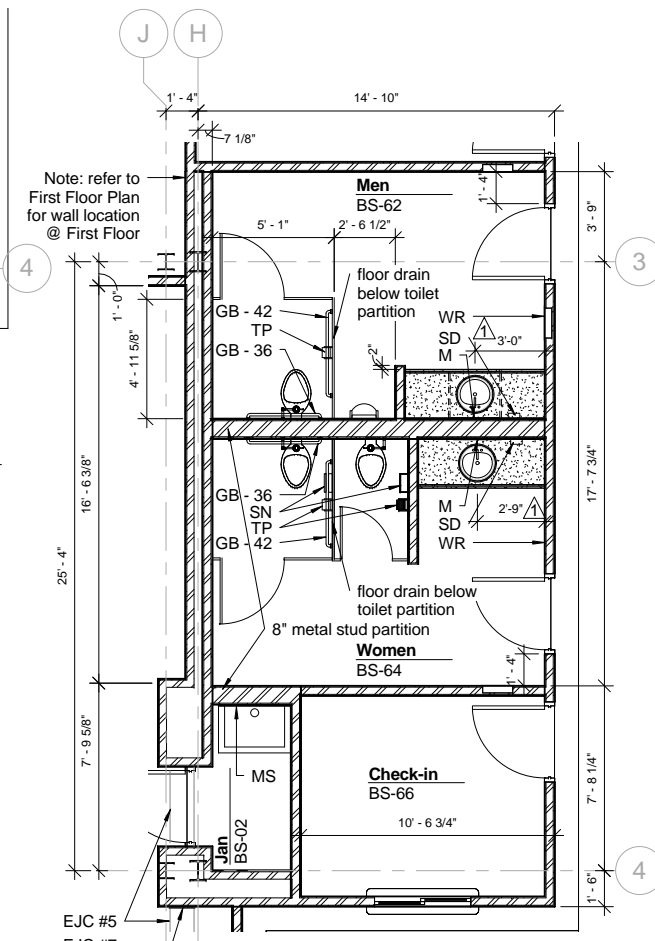
D2 Break - Basement
3/8" = 1'-0"



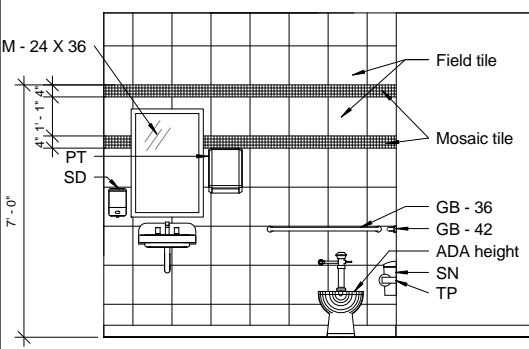
D3 BS-27A Staff Elevation
3/8" = 1'-0"



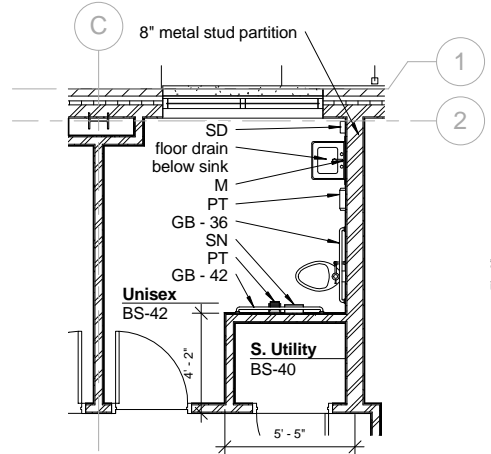
D5 Enlarged Plan @ Bsm't
1/4" = 1'-0"



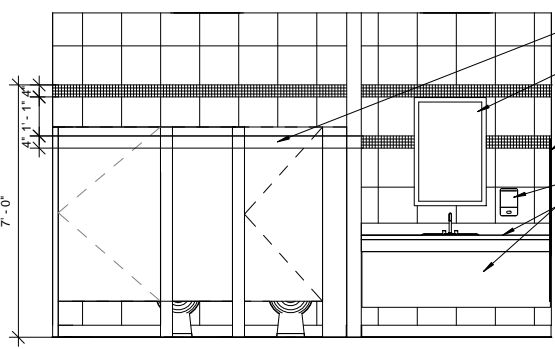
F7 Enlarged Basement Restroom Plan
1/4" = 1'-0"



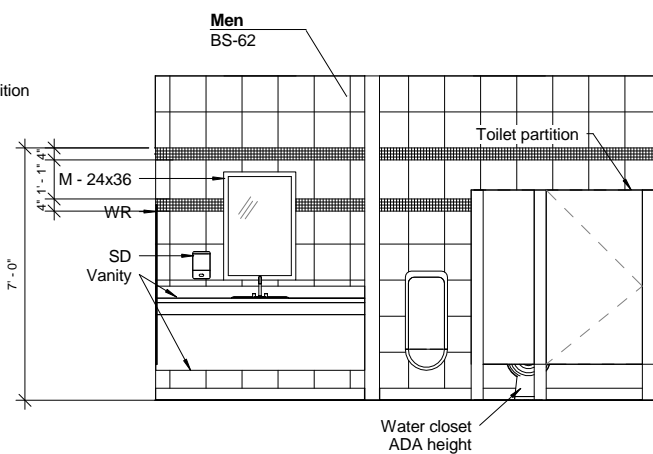
F1 BS-42 Unisex Elevation
3/8" = 1'-0"



F2 Unisex Bsm't
1/4" = 1'-0"



F3 Typical Women's Restroom Elevation
3/8" = 1'-0"



F5 Typical Men's Restroom Elevation
3/8" = 1'-0"

REVISIONS		DATE
1	"As-Built" Document Revisions	07/18/12

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JACOBS PROJECT NO: F3W81800

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Little Rock, Arkansas 72202

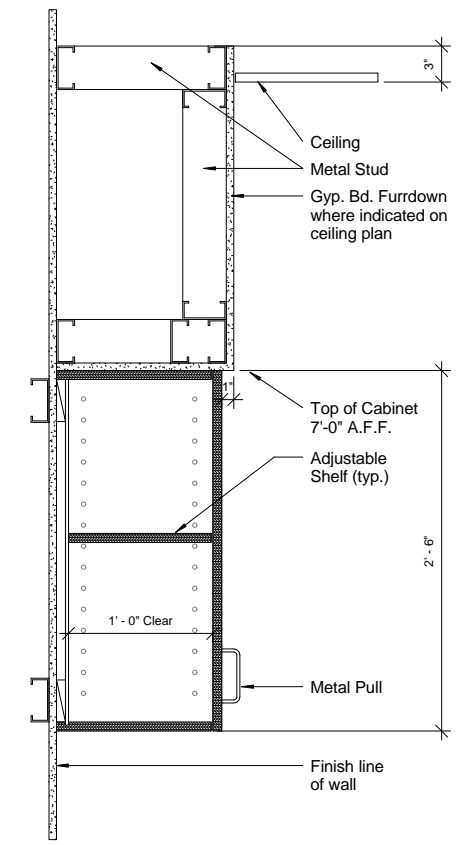
Drawing Title
Enlarged Plans & Interior Elevations
Approved: Project Director

Project Title
Outpatient Mental Health Improvements
Overton Brooks
Veterans Administration Medical Center
Location
Shreveport, Louisiana
Date
01/20/2010
Checked
BS
Drawn
MD

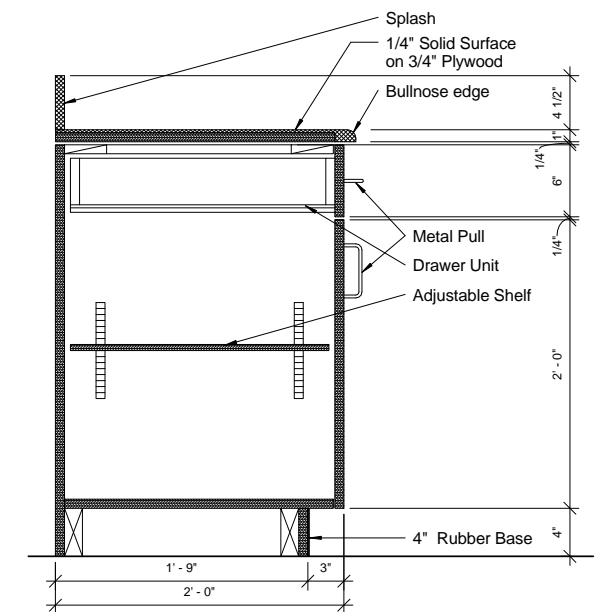
Project Number
667-081
Building Number
Bldg. 1, South Wing
Drawing Number
A701
Dwg. 37 of 123

Office of
Facility
Management
100% Submittal

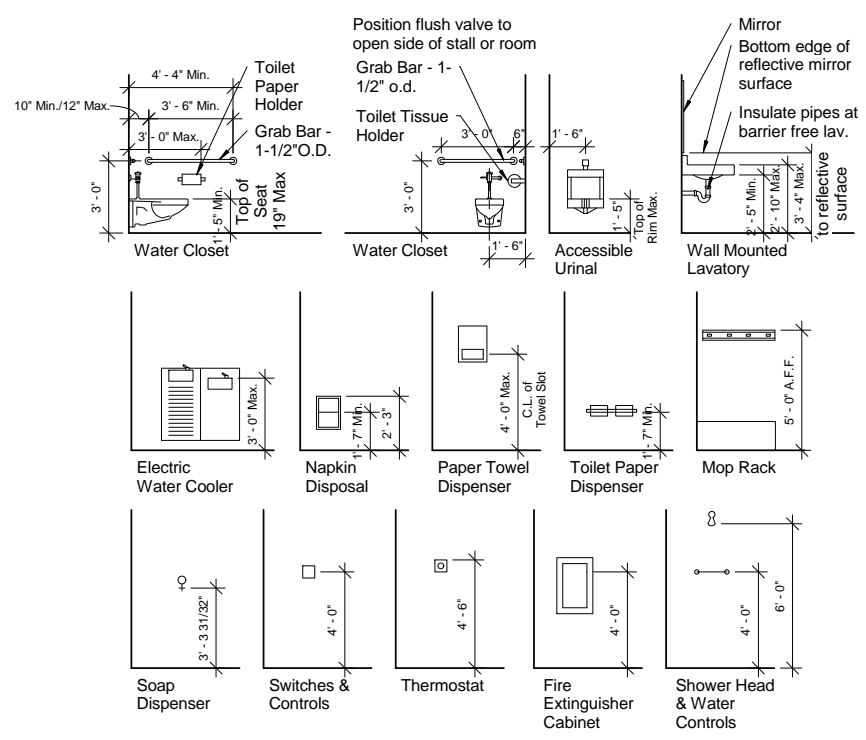
A three inches = one foot
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F one eighth inch = one foot
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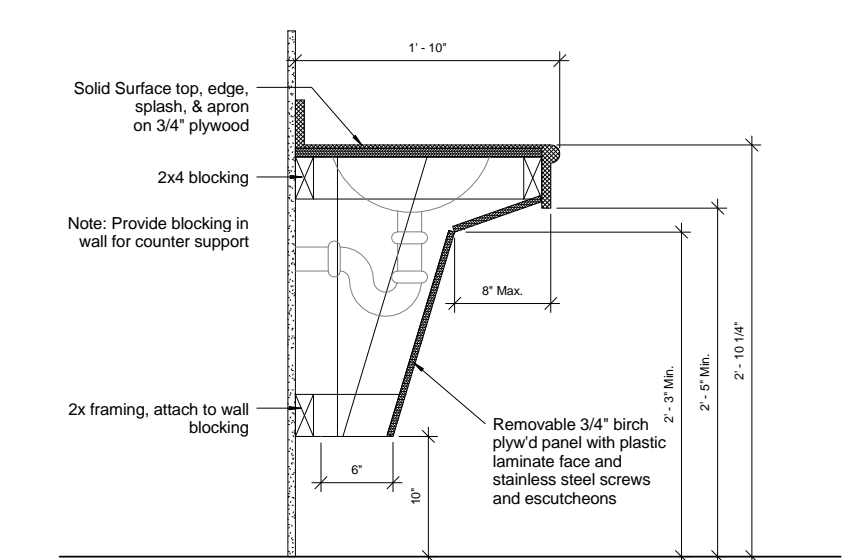
D1 Typical Upper Cabinet
1 1/2" = 1'-0"



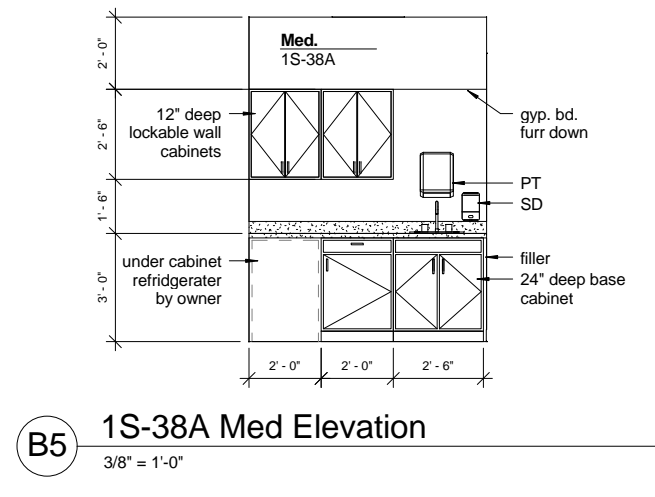
F1 Typical Base Cabinet
1 1/2" = 1'-0"



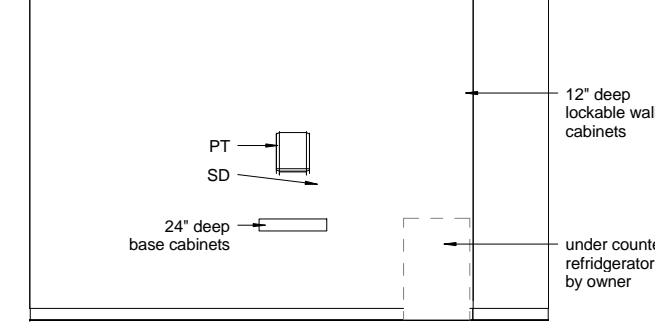
D2 Typical Mounting Heights
1/4" = 1'-0"



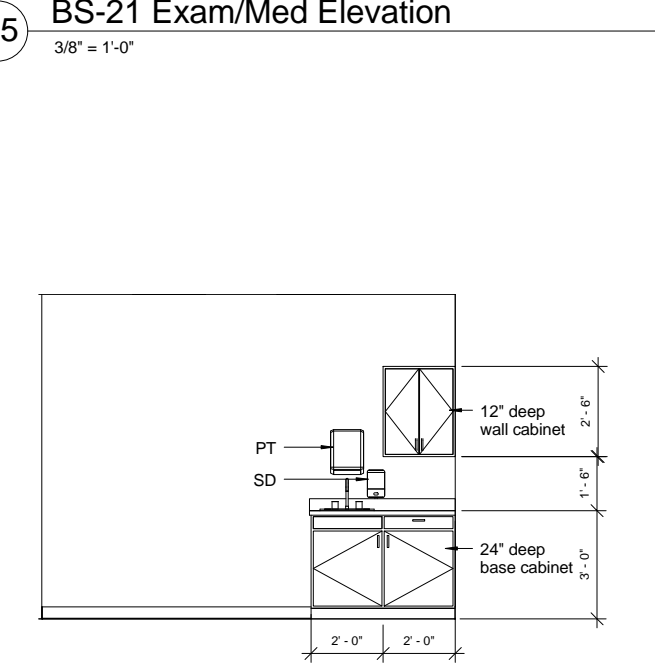
F2 Vanity Section
1 1/2" = 1'-0"



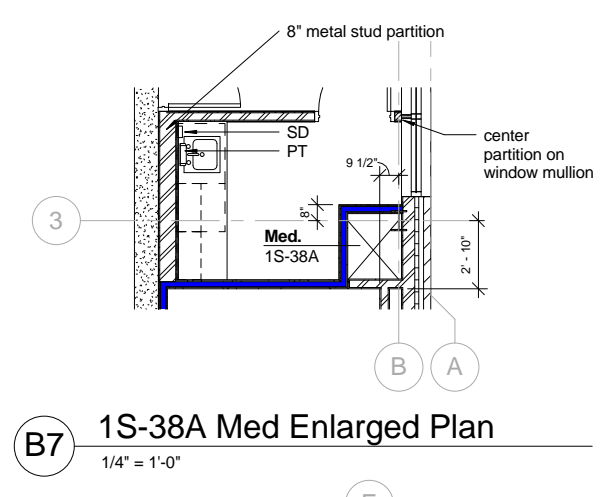
B5 1S-38A Med Elevation
3/8" = 1'-0"



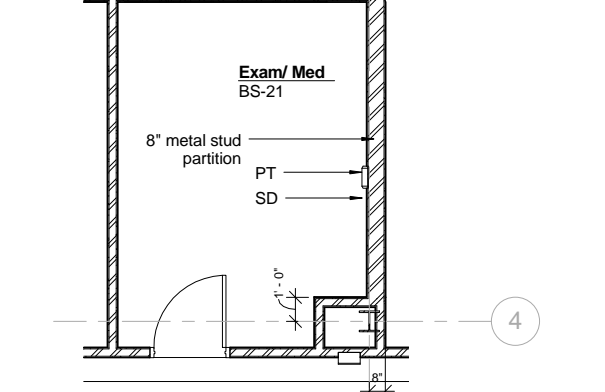
D5 BS-21 Exam/Med Elevation
3/8" = 1'-0"



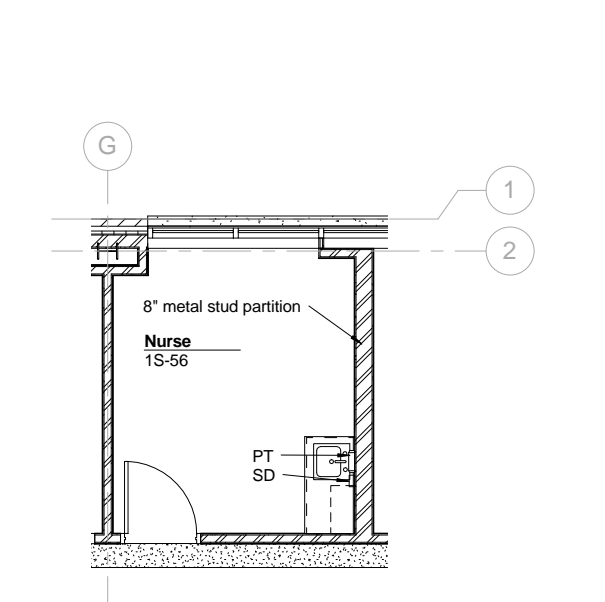
F5 Typical Nurse Elevation
3/8" = 1'-0"



B7 1S-38A Med Enlarged Plan
1/4" = 1'-0"



D7 Exam/Med Plan - Basement
1/4" = 1'-0"



F7 Nurse - Plan First Floor
1/4" = 1'-0"

REVISIONS	DATE

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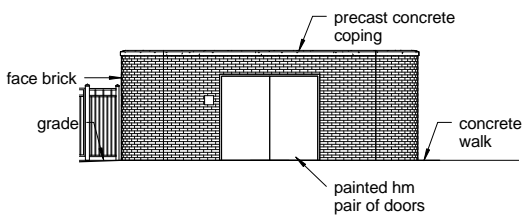
Drawing Title
Enlarged Plans & Interior Elevations
Approved: Project Director

Project Title
Outpatient Mental Health Improvements
Overton Brooks
Veterans Administration Medical Center
Location
Shreveport, Louisiana
Date
01/20/2010
Checked
Author

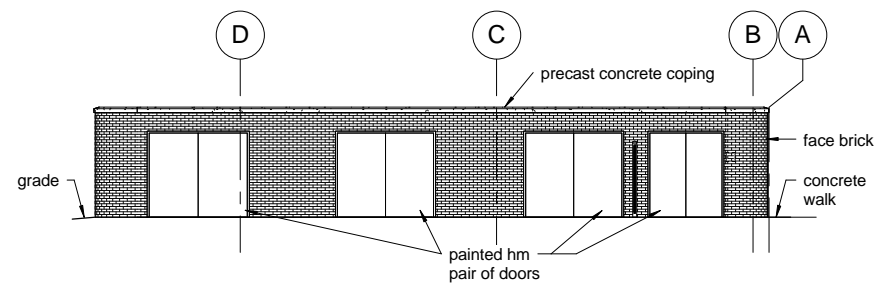
Project Number
667-081
Building Number
Bldg. 1, South Wing
Drawing Number
A702
Dwg. 38 of 123

Office of
Facility
Management
100% Submittal

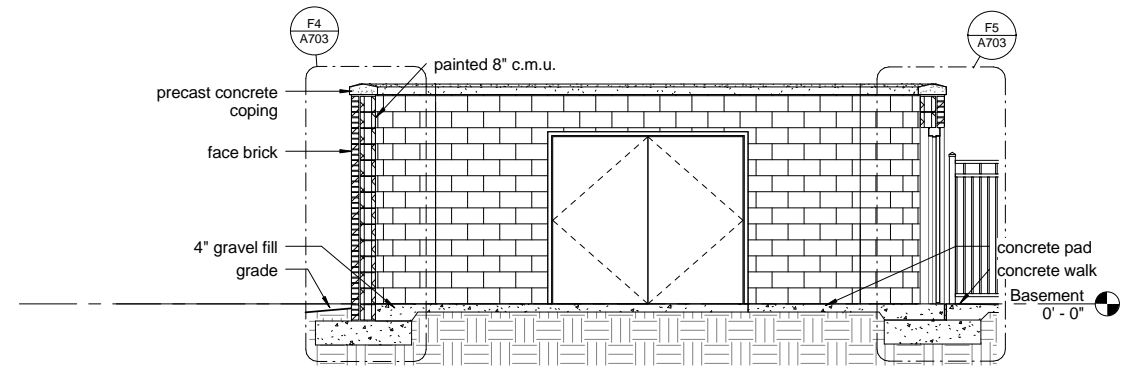
A
three inches = one foot
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one and one half inch = one foot
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E
one quarter inch = one foot
F
one eighth inch = one foot
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A7 Mech Enclosure - South
1/8" = 1'-0"



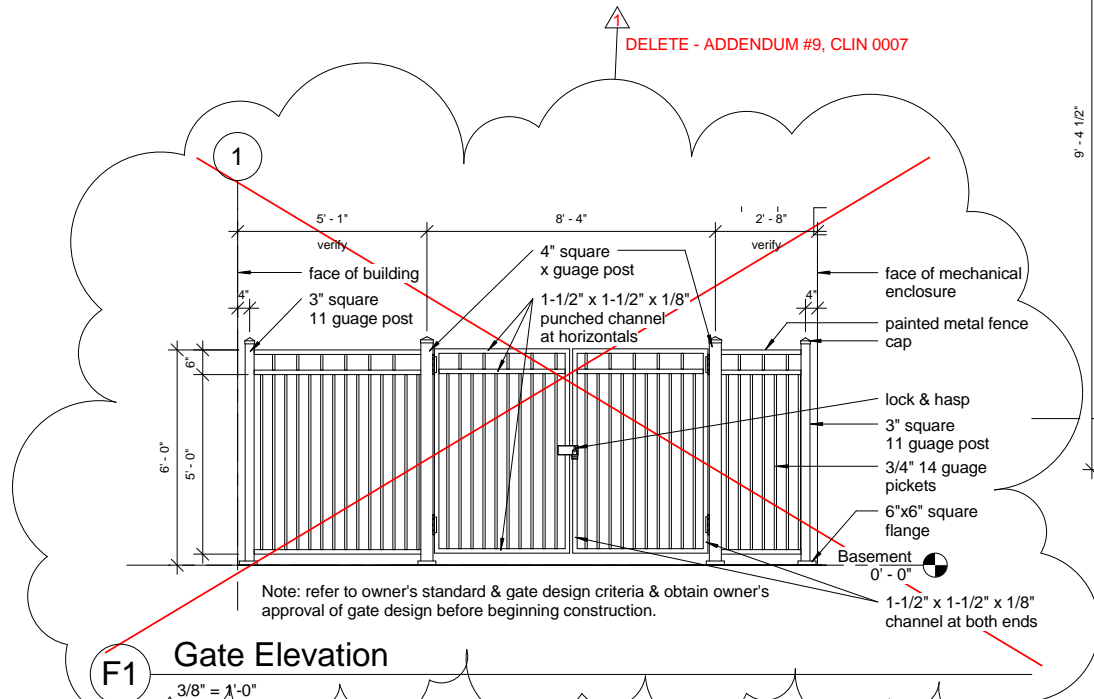
B7 Mech Enclosure - West
1/8" = 1'-0"



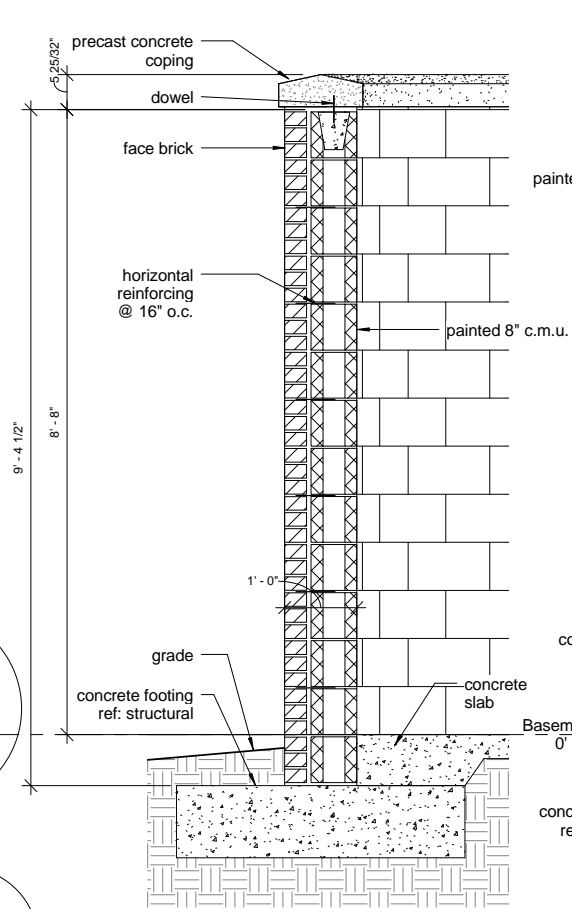
B4 Mech Enclosure Section
1/4" = 1'-0"

⚠ Addendum #9, CLIN 0007: Delete the requirement for the steel gate between the mechanical enclosure and the new addition. On sheet A703 Mechanical Enclosure, delete detail F1 and the note on detail F7 referring to the "gate". The mechanical enclosure is still required.

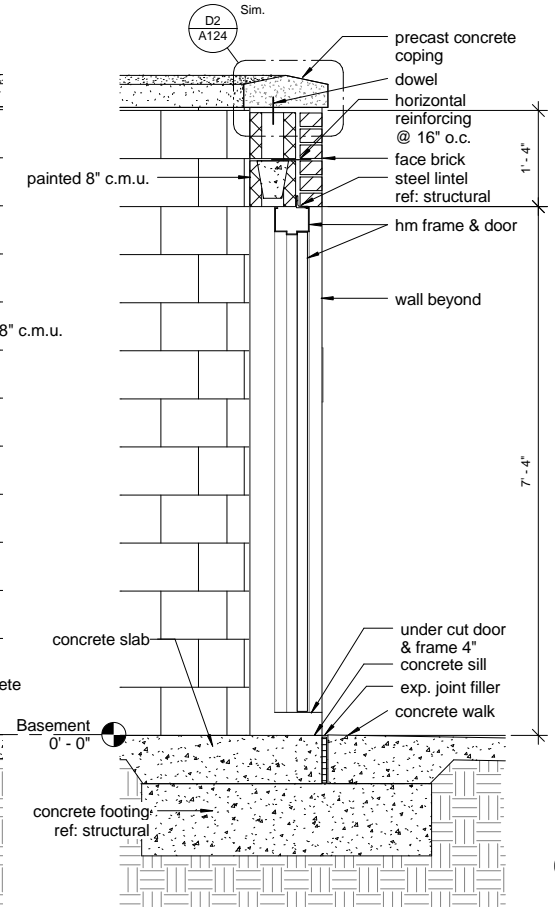
DELETE - ADDENDUM #9, CLIN 0007



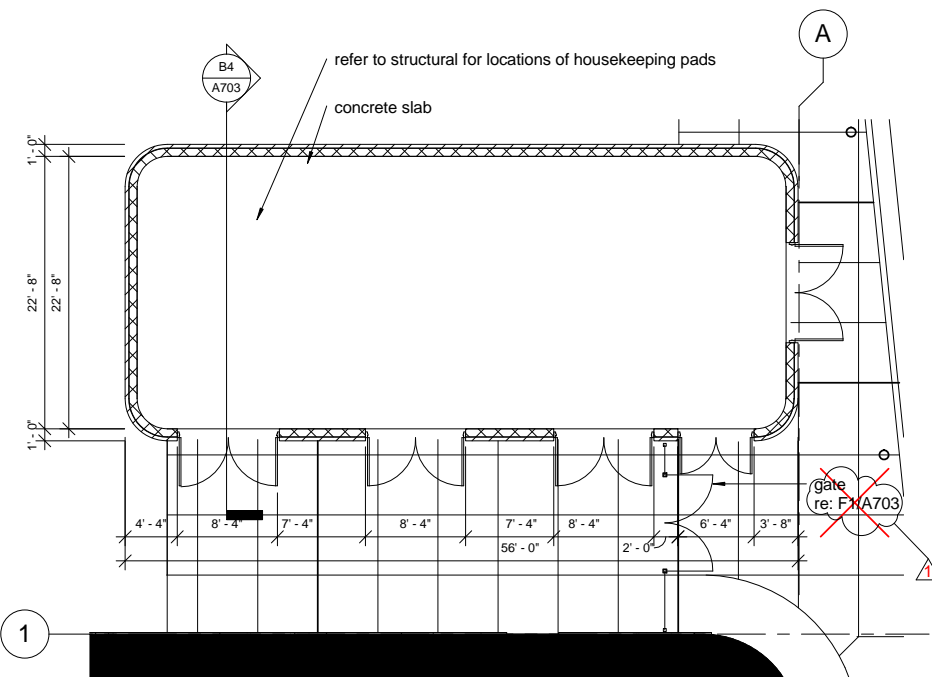
F1 Gate Elevation
3/8" = 1'-0"



F4 Mech Enclosure Typ. Wall Section
3/4" = 1'-0"



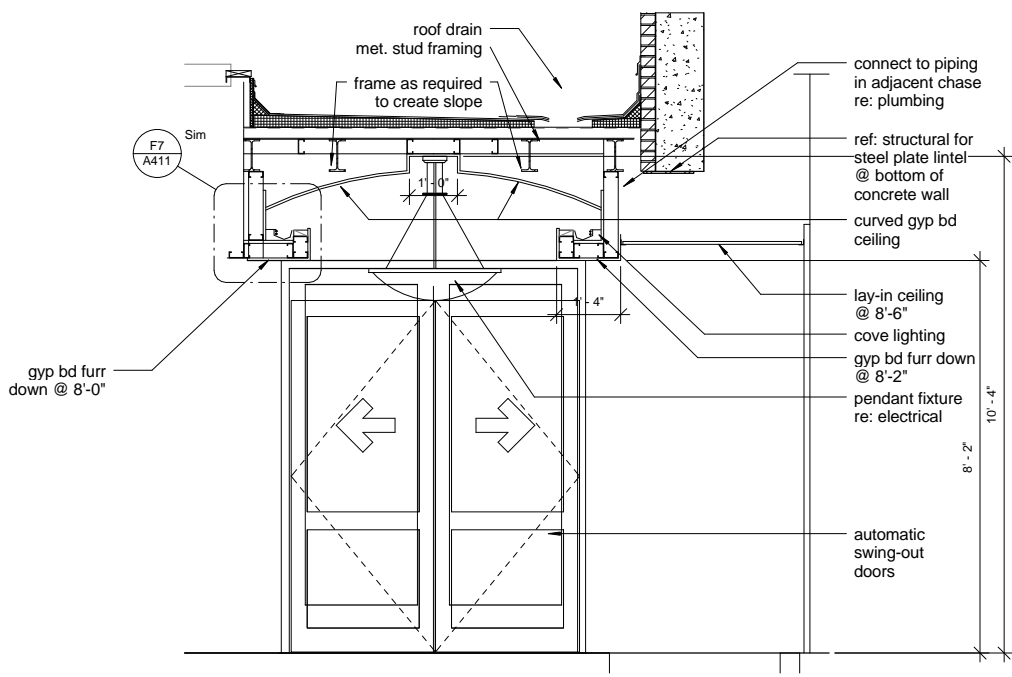
F5 Mech Enclosure Wall Section @ Door
3/4" = 1'-0"



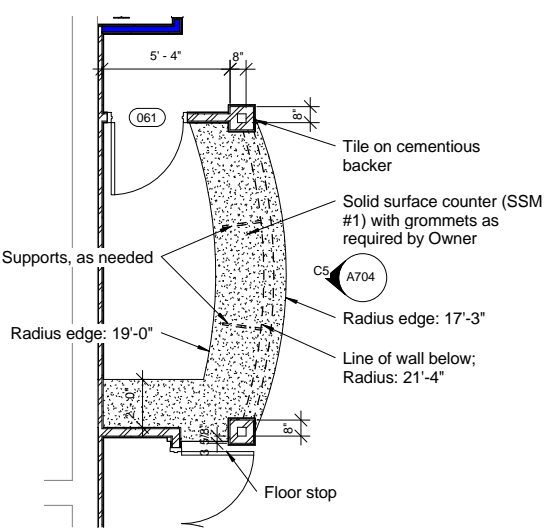
F7 Mechanical Enclosure Plan @ Basement
1/8" = 1'-0"

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-----------	--	------	--	--	---	---------------	--	---------------	--	----------------	--	---

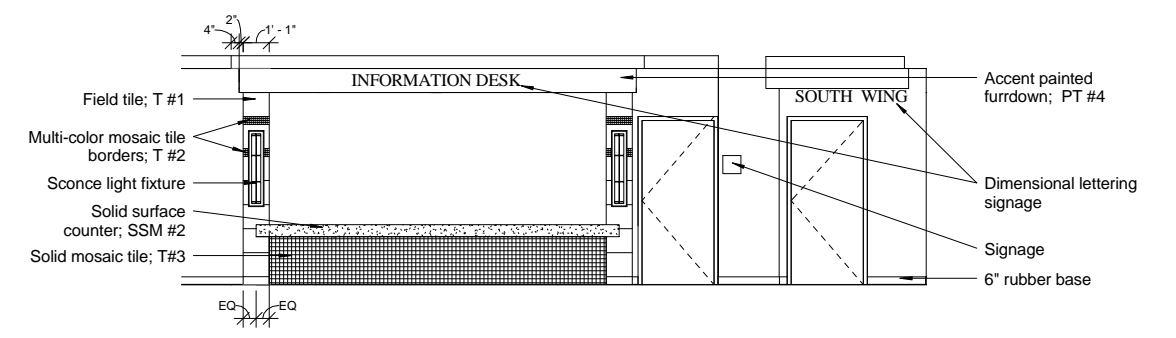
A three inches = one foot
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F one eighth inch = one foot
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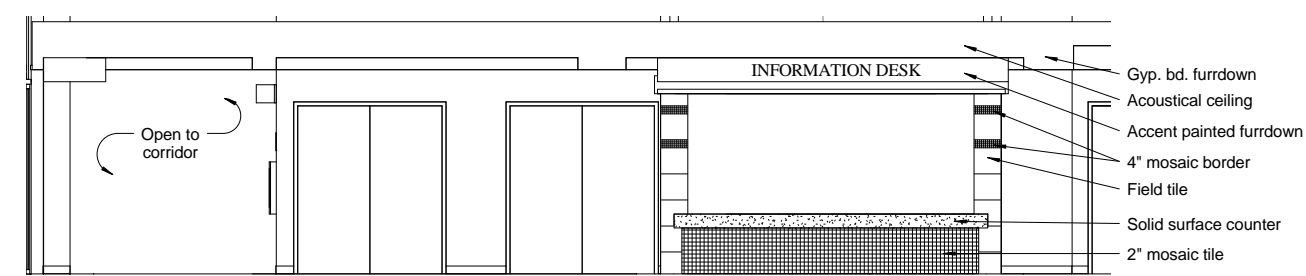
C1 West Vestibule BS-01 Elevation
1/2" = 1'-0"



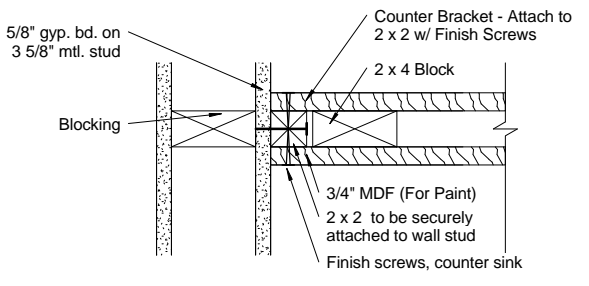
C3 Basement Info. Desk Enlarged Plan
1/4" = 1'-0"



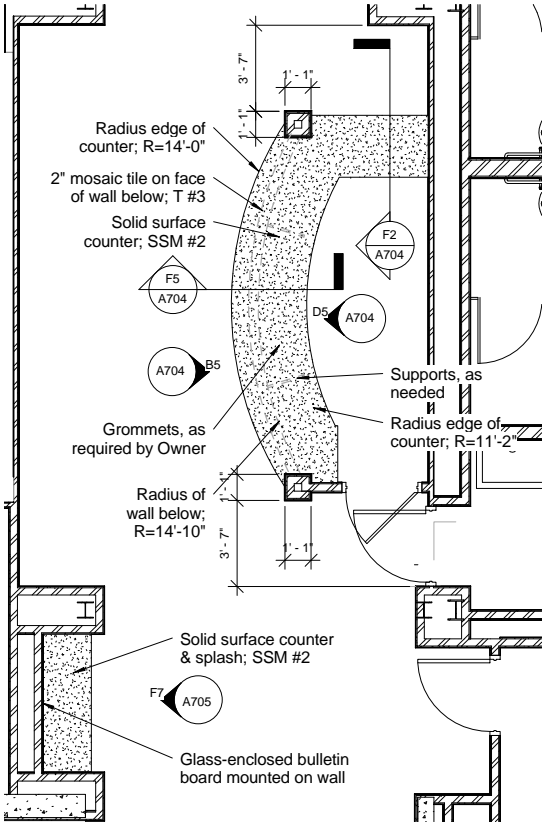
B5 First Floor Information Desk
1/4" = 1'-0"



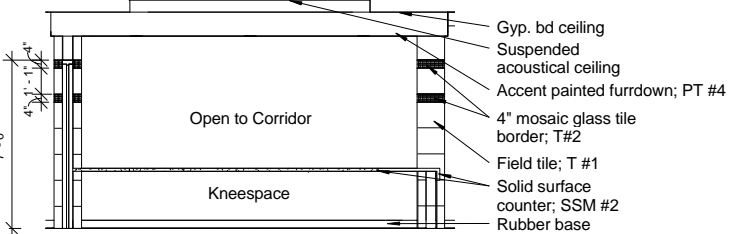
C5 Basement Information Desk
1/4" = 1'-0"



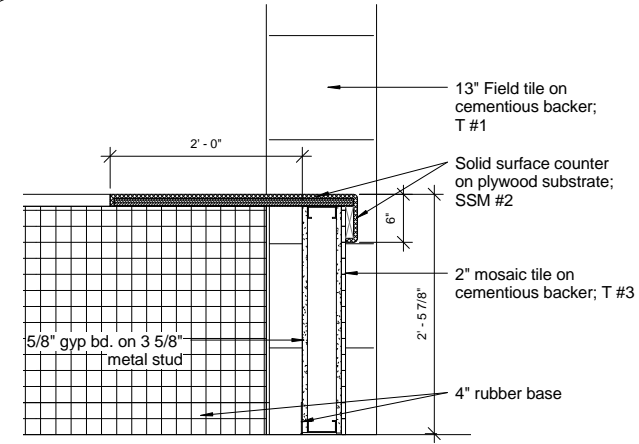
D2 Section @ Workstations
3" = 1'-0"



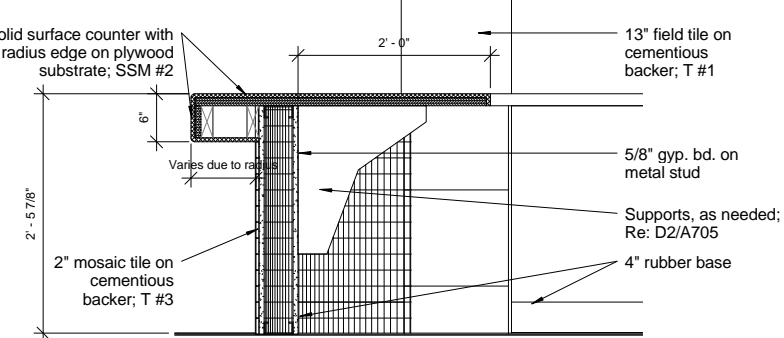
F3 1st Floor Info. Desk Enlarged Plan
1/4" = 1'-0"



D5 1st Floor Information Desk - West
1/4" = 1'-0"



F2 Information Desk Detail 2
1" = 1'-0"



F5 Reception Desk Detail
1" = 1'-0"

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Approved: Project Director

Project Title
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Location
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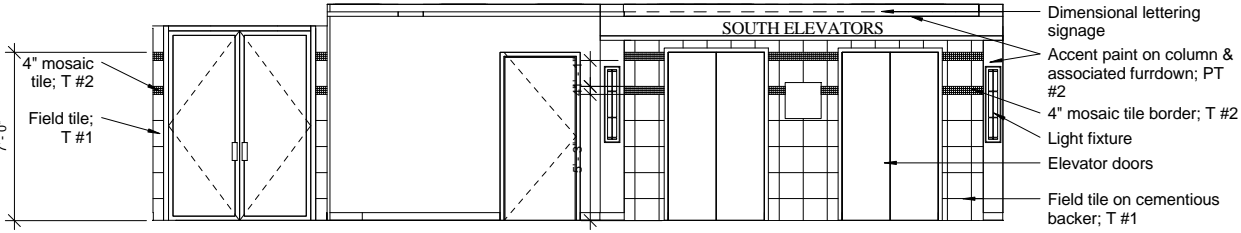
Project Number
667-081

Building Number
Bldg. 1, South Wing

Drawing Number
A704
Dwg. 40 of 123

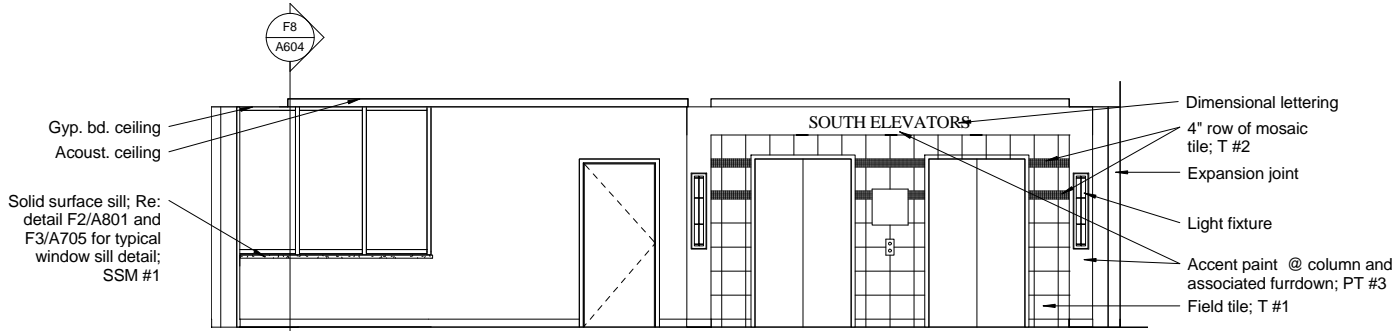
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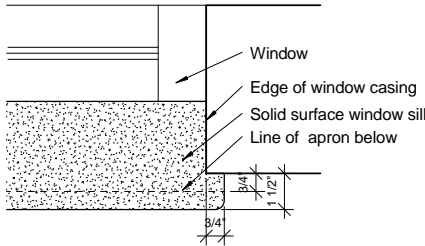
C4 Basement Elevators Lobby

1/4" = 1'-0"



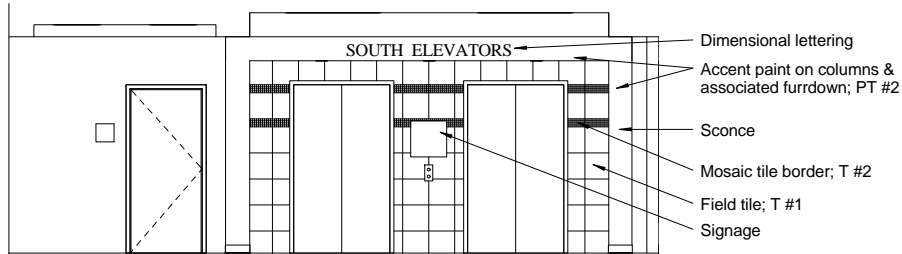
D4 First Floor Elevator Lobby

1/4" = 1'-0"



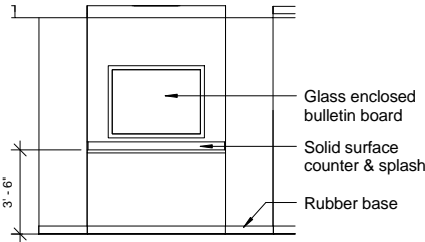
F3 Window Sill Plan Detail

3" = 1'-0"



F4 Second Floor Elevator Lobby

1/4" = 1'-0"



F7 Corridor 1S-90

1/4" = 1'-0"

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							Building Number Bldg. 1, South Wing				
							Drawing Number A705 Dwg. 41 of 123				
							Location Shreveport, Louisiana				
							Date 01/20/2010	Checked BS	Drawn MD		

A

three inches = one foot

B

one and one half inch = one foot

C

three quarters inch = one foot

D

one half inch = one foot

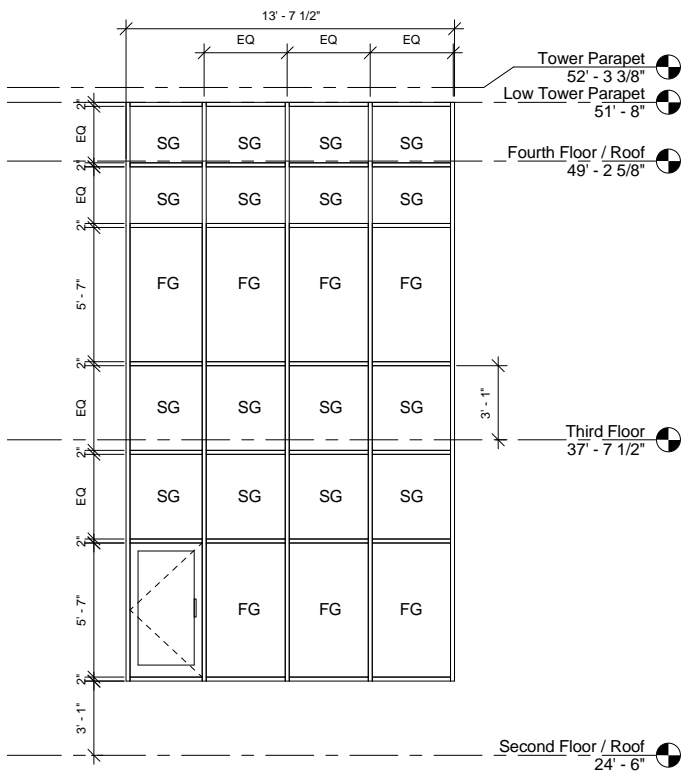
E

one quarter inch = one foot

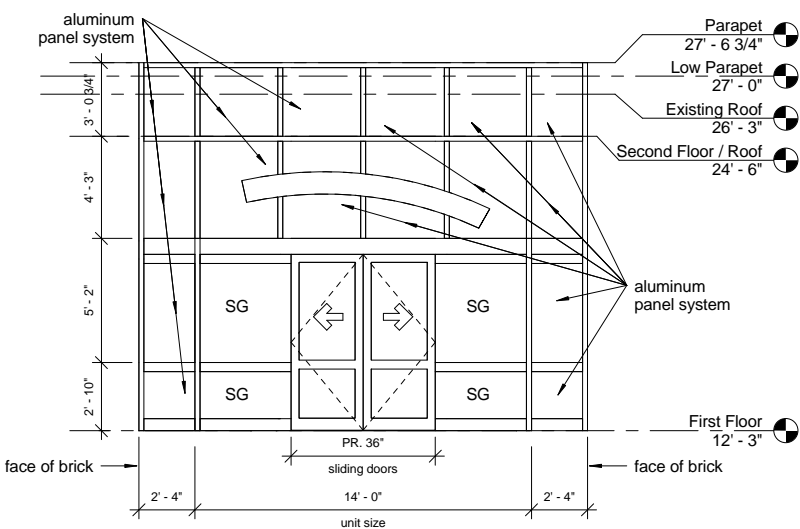
F

one eighth inch = one foot

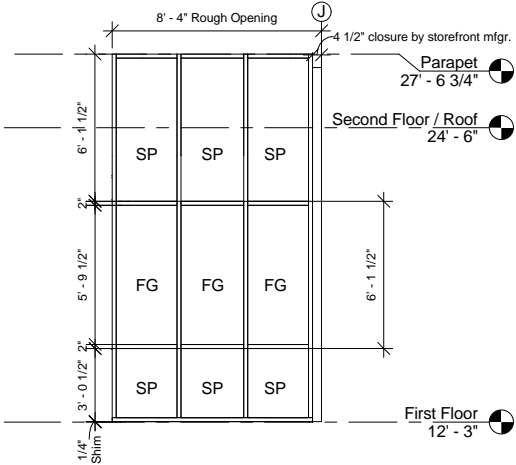
SG = Spandrel Glass
FG = Fixed Glass



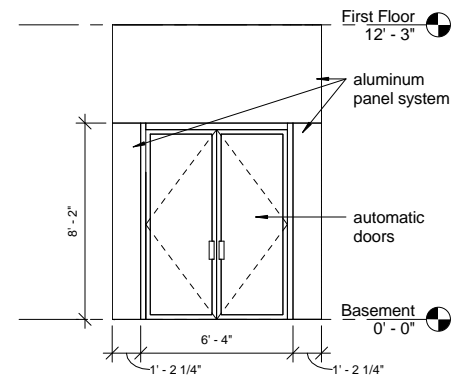
D1 East Elevation @ Tower Storefront
1/4" = 1'-0"



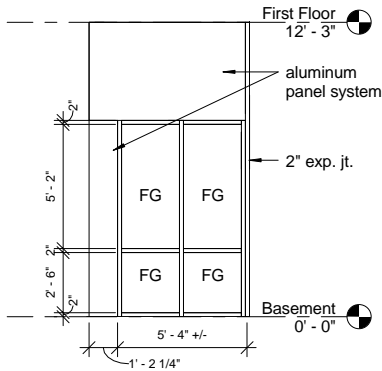
F1 East Elevation @ Entry Storefront
1/4" = 1'-0"



B3 Elevation @ West Storefront
1/4" = 1'-0"



D3 West Elevation @ Vest. BS-01
1/4" = 1'-0"



F3 South Elevation @ Vest. BS-01
1/4" = 1'-0"

Door Schedule						
Door Mark	Width x Height	Door Type	Details	Label	Hdwr. Set	Comments
001	pair of 3'-0" x 8'-0"	E	-		160	swinging w/ auto door opener
002	3'-0" x 7'-0"	B	B5/ A801	20 min.	169	
003	3'-0" x 7'-0"	B	B5/ A801	-	170	
004	3'-0" x 7'-0"	B	B5/ A801		170	
005	3'-0" x 7'-0"	B	B5/ A801		170	
006	3'-0" x 7'-0"	B	B5/ A801		170	
007	3'-0" x 7'-0"	A	B5/ A801		43	
008	3'-0" x 7'-0"	A	B5/ A801		171	
009	3'-0" x 7'-0"	B	B5/ A801		6	
010	3'-0" x 7'-0"	B	B5/ A801		170	
011	3'-0" x 7'-0"	B	B5/ A801		170	
012	3'-0" x 7'-0"	A	B5/ A801		171	
013	3'-0" x 7'-0"	B	B5/ A801		52	
014	3'-0" x 7'-0"	A	A5/ A801	1 1/2 hr	38	
015	3'-0" x 7'-0"	A	B5/ A801		43	
016	3'-0" x 7'-0"	A	B5/ A801		34	
017	3'-0" x 7'-0"	B	B5/ A801		23	
018	3'-0" x 7'-0"	B	B5/ A801		170	
019	3'-0" x 7'-0"	B	B5/ A801		170	
020	3'-0" x 7'-0"	A	B5/ A801		171	
021	3'-0" x 7'-0"	A	B5/ A801		171	
022	3'-0" x 7'-0"	B	B5/ A801		23	
023	3'-0" x 7'-0"	B	B5/ A801		6	
024	3'-0" x 7'-0"	B	B5/ A801		23	
025	3'-0" x 7'-0"	B	B5/ A801		23	
026	3'-0" x 7'-0"	B	B5/ A801		23	
027	3'-0" x 7'-0"	A	B5/ A801		2	
028	3'-0" x 7'-0"	A	B5/ A801		2	
029	3'-0" x 7'-0"	B	B5/ A801		23	
030	3'-0" x 7'-0"	B	B5/ A801		23	
032	3'-0" x 7'-0"	A	B5/ A801		171	
033	pair of 3'-0" x 7'-0"	A	B5/ A801		60	
034	3'-0" x 7'-0"	B	B5/ A801		52	
035	3'-0" x 7'-0"	A	B5/ A801		171	
036	3'-0" x 7'-0"	A	B5/ A801		18	
037	3'-0" x 7'-0"	A	B5/ A801		52	
038	3'-0" x 7'-0"	A	B5/ A801		171	
039	3'-0" x 7'-0"	B	B5/ A801		52	
040	3'-0" x 7'-0"	B	B5/ A801		170	
041	3'-0" x 7'-0"	B	B5/ A801		170	
042	3'-0" x 7'-0"	B	B5/ A801		23	
043	3'-0" x 7'-0"	A	B5/ A801		43	
044	pair of 3'-0" x 7'-0"	A	B5/ A801		60	provide louvers
045	pair of 3'-0" x 7'-0"	A	B5/ A801		60	
046	pair of 3'-0" x 7'-0"	A	B5/ A801		60	
047	3'-0" x 7'-0"	A	B7/ A801	1 1/2 hr	38	
048	3'-0" x 7'-0"	D	E7/ A801		83	
049	pair of 4'-0" x 7'-0"	D	F5/ A703		60	1.
050	pair of 4'-0" x 7'-0"	D	F5/ A703		60	1.
051	pair of 4'-0" x 7'-0"	D	F5/ A703		60	1.
052	pair of 3'-0" x 7'-0"	D	F5/ A703		60	1.
053	pair of 4'-0" x 7'-0"	D	F5/ A703		60	1.
054	3'-0" x 7'-0"	A	B5/ A801		43	
055	3'-0" x 7'-0"	B	B5/ A801		52	
056	3'-0" x 7'-0"	A	B5/ A801		43	
057	3'-0" x 7'-0"	A	B5/ A801		43	
058	pair of 3'-0" x 8'-0"	E	-		160	swinging w/ auto door opener
059	pair of 3' x 7'	A	B5/ A801		60	
060	3'-0" x 7'-0"	A	B7/ A801	1 1/2 hr		
061	3'-0" x 7'-0"	A	B5/ A801		23	
062	pair of 3'-0" x 7'-0"	A	A5/ A801	1 1/2 hr		provide weather striping
063	3'-0" x 7'-0"	A	B5/ A801			
101	3'-0" x 7'-0"	B	B5/ A801	20 min.	169	

Door Schedule						
Door Mark	Width x Height	Door Type	Details	Label	Hdwr. Set	Comments
102	3'-0" x 7'-0"	A	B5/ A801		171	
103	3'-0" x 7'-0"	A	B5/ A801		171	
104	3'-0" x 7'-0"	A	B5/ A801		170	
105	3'-0" x 7'-0"	A	B5/ A801		170	
106	3'-0" x 7'-0"	A	B5/ A801		170	
107	3'-0" x 7'-0"	A	B5/ A801		170	
108	3'-0" x 7'-0"	A	B5/ A801		170	
109	3'-0" x 7'-0"	A	B5/ A801		170	
110	3'-0" x 7'-0"	A	B5/ A801		170	
111	3'-0" x 7'-0"	A	B5/ A801		170	
112	3'-0" x 7'-0"	A	B5/ A801		170	
113	3'-0" x 7'-0"	A	B5/ A801		52	
114	3'-0" x 7'-0"	A	B5/ A801		43	
115	3'-0" x 7'-0"	A	A5/ A801	1 1/2 hr	38	
116	3'-0" x 7'-0"	A	B5/ A801		171	
117	3'-0" x 7'-0"	A	B5/ A801		171	
118	3'-0" x 7'-0"	A	B5/ A801		170	
119	3'-0" x 7'-0"	A	B5/ A801		170	
120	3'-0" x 7'-0"	A	B5/ A801		171	
121	3'-0" x 7'-0"	A	B5/ A801		171	
122	3'-0" x 7'-0"	A	B5/ A801		170	
123	3'-0" x 7'-0"	A	B5/ A801		170	
124	3'-0" x 7'-0"	A	B5/ A801		170	
125	3'-0" x 7'-0"	A	B5/ A801		171	
126	3'-0" x 7'-0"	A	B5/ A801		171	
127	3'-0" x 7'-0"	A	B5/ A801		23	
128	3'-0" x 7'-0"	A	B5/ A801		2	
129	3'-0" x 7'-0"	A	B5/ A801		2	
130	3'-0" x 7'-0"	A	B5/ A801		43	
131	3'-0" x 7'-0"	A	B5/ A801		23	
132	3'-0" x 7'-0"	A	B5/ A801		170	
133	3'-0" x 7'-0"	A	B5/ A801		170	
134	pair of 3'-0" x 7'-0"	A	B5/ A801		60	
135	3'-0" x 7'-0"	A	B5/ A801		52	
136	3'-0" x 7'-0"	A	B5/ A801		170	
137	3'-0" x 7'-0"	A	B5/ A801		170	
138	3'-0" x 7'-0"	A	B5/ A801		43	
139	3'-0" x 7'-0"	A	B5/ A801		52	
140	3'-0" x 7'-0"	A	B5/ A801		18	
141	3'-0" x 7'-0"	A	B5/ A801		171	
142	3'-0" x 7'-0"	A	B5/ A801		171	
143	3'-0" x 7'-0"	A	B5/ A801		23	
144	3'-0" x 7'-0"	A	A3/ A801		43	
145	3'-0" x 7'-0"	A	B5/ A801		43	
146	3'-0" x 7'-0"	A	B5/ A801		43	
147	pair of 3'-0" x 7'-0"	A	B5/ A801		60	provide louvers
148	3'-0" x 7'-0"	A	B5/ A801		23	
149	3'-0" x 7'-0"	A	B7/ A801	1 1/2 hr	38	
150	pair of 3'-0" x 8'-0"	F	-			automatic sliding door
151	pair of 3'-0" x 8'-0"	F	-			automatic sliding door
152	3'-0" x 7'-0"	B	B7/ A801		45	
201	3'-0" x 7'-0"	A	B7/ A801	1 1/2 hr	38	
202	3'-0" x 5'-7"	G	-		83	Aluminum storefront door, verify size
301	3'-0" x 7'-0"	A	B7/ A801	1 1/2 hr	43	refer to C3/ A301 for location
401	3'-4" x 7'-0"	-	C1/ A301		172	Aluminum storefront door, verify size. Refer to C1/A301 for location

Door Schedule Remarks

- Undercut door and frame 4" at mechanical enclosure.
- Provide positive latching hardware on all corridor doors.

Addendum #9, CLIN 0007-At all locations where door hardware sets number 170 and 171 occur, provide hardware set number 23 in lieu of sets number 170 and 171. Regular doors, door frames and hardware shall be provided in lieu of special door frames, pivot sets, release stops and sight gasketing.

REVISIONS Addendum #9, CLIN 0007 - 08/26/09	DATE 11/24/09	AS-BUILT DRAWINGS This document has been prepared based on As-Built information provided by others. Those relying on this document are advised to obtain independent verification of its accuracy before using it for any purpose.	CONSULTANTS: Jacobs Engineering JACOBS 10816 EXECUTIVE CENTER DRIVE, SUITE 300 LITTLE ROCK, ARKANSAS 72114-3883 PHONE (501) 223-0515 FAX (501) 223-2470 JACOBS PROJECT NO: F3W81800	ARCHITECT/ENGINEERS: Tompkins Architects, LLC STUCK associates ARCHITECTS 612 N.W. Kay Drive Lee's Summit, Missouri 64063 Phone: (816) 525-9833 Fax: (816) 524-9005 Email: jet@tom-arch.com	Door Schedule Drawing Title Approved: Project Director	Outpatient Mental Health Improvements Overton Brooks Veterans Administration Medical Center Location Shreveport, Louisiana Date 01/20/2010 Checked Author	667-081 Building Number Bldg. 1, South Wing A802 Drawing Number Dwg. 43 of 123	Office of Facility Management 100% Submittal
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A
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B
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C
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D
—
E
—
F

three inches = one foot
one and one half inch = one foot
three quarters inch = one foot
one half inch = one foot
one quarter inch = one foot
one eighth inch = one foot

B1 Sign Type REG-2
1 1/2" = 1'-0"

Evacuation Plan with Changeable Floorplan Insert
Window accommodates computer generated slide-in floorplan that clearly marks emergency exit routes, fire alarm, and fire equipment locations. Large fingertab in back plate. Insert to be provided by sign company.
Typical Location: at near pull boxes, elevator lobbies and egress points.

Window accommodates computer generated slide-in floorplan

B2 Sign Type REG-3
1 1/2" = 1'-0"

Sign Type REG-3
1'-4" by 1'-6"

Sign Type REG-3
1'-3" by 1'-6"

B4 Sign Type RID-1
1 1/2" = 1'-0"

Sign Type RID-1
9" by 8"

1-1/2" x 1/32" ADA tactile numerals and grade II braille
1" VA Screenprinted logo
Removable inserts

Typical location: at personnel offices

Two piece room identification sign able to accept two inserts up to 1/16" thick. It must accommodate 8-1/2" wide inserts.

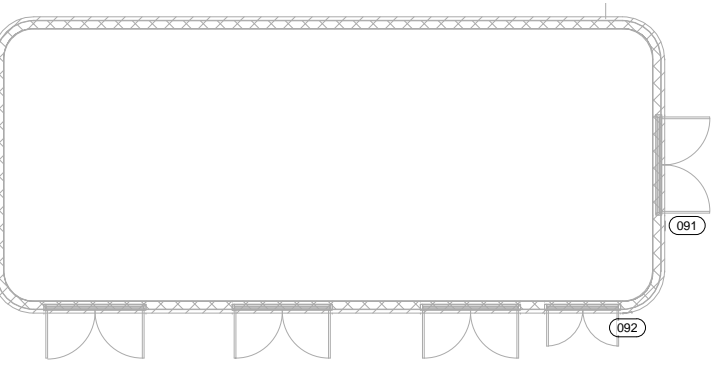
B5 Sign Type RID-2
1 1/2" = 1'-0"

Sign Type RID-2
9" by 8"

1-1/2" x 1/32" ADA tactile numerals and grade II brilles
1" VA Screenprinted logo
Removable insert
Changeable message frame

Typical location: at group rooms

Two piece room identification sign able to accept two inserts up to 1/16" thick. It must accommodate 8-1/2" wide computer generated inserts. Inserts by Signage Vendor. Text for inserts provided by Owner at time of Submittals.



C1 Sign Type REG-1
1 1/2" = 1'-0"

C2 Sign Type INF -1
1 1/2" = 1'-0"

Sign Type REG-1
9" by 9"

Sign Type INF -1
9" by 9"

Typical location: at entry door to all stairs

Typical location: At elevators

D1 Sign Type INF -2
1 1/2" = 1'-0"

D2 Sign Type INF-3
1 1/2" = 1'-0"

Sign Type INF -2
9" by 9"

Sign Type INF-3
9" by 6"

Typical location: at every Fire Extinguisher cabinet

Typical location: at Electrical and IT closets

E1 Sign Type INF-4
1 1/2" = 1'-0"

E2 Sign Type INF-5
1 1/2" = 1'-0"

Sign Type INF-4
9" by 6"

Sign Type INF-5
9" by 6"

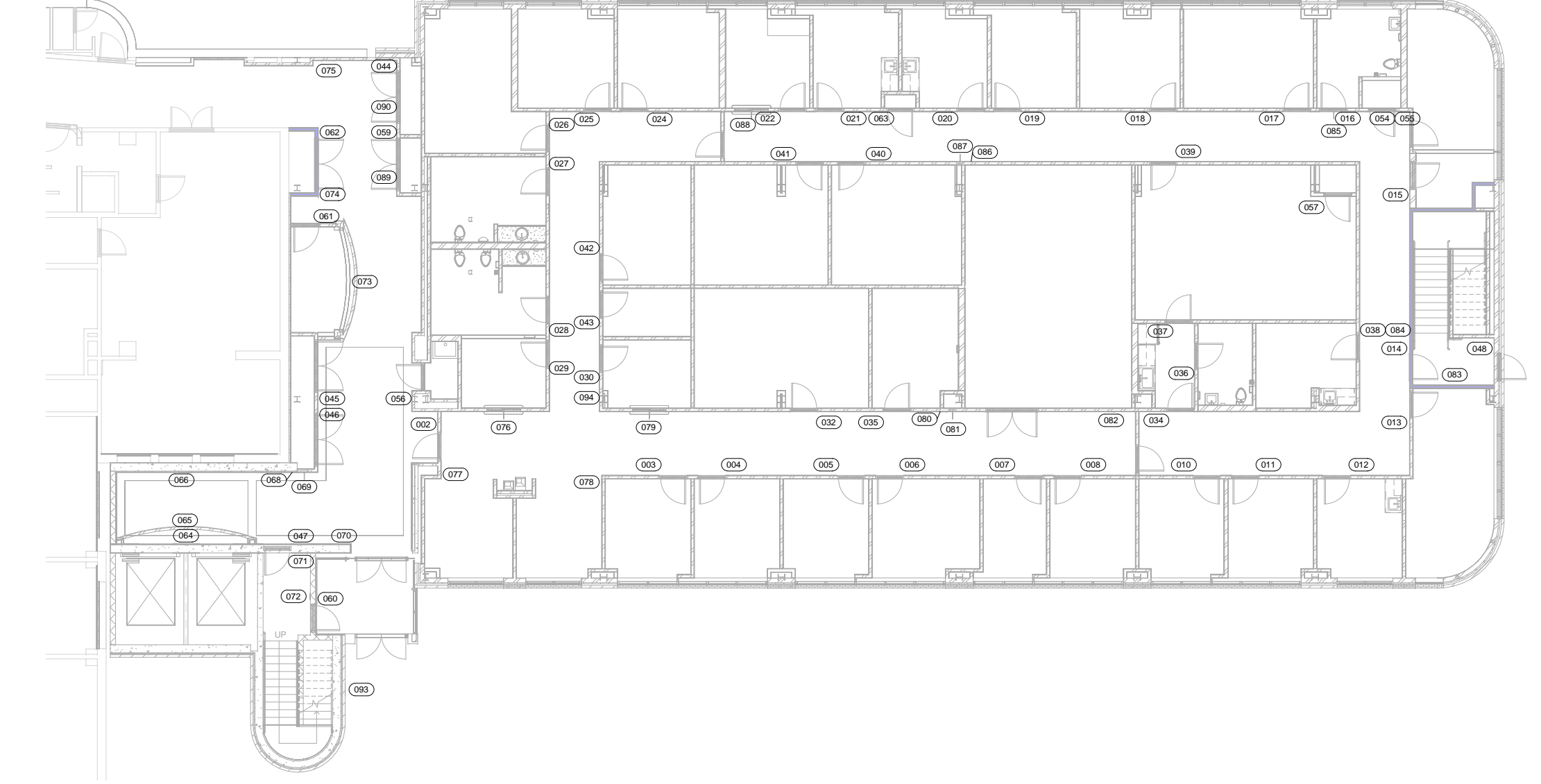
Typical location: On Fire Door

Typical location: at pull boxes.

F1 Sign Type INF-6
1 1/2" = 1'-0"

Sign Type INF-6
9" by 6"

Typical location: at exit doors



F3 Basement Signage Plan
1/8" = 1'-0"

REVISIONS		DATE	AS-BUILT DRAWINGS This document has been prepared based on As-Built information provided by others. Those relying on this document are advised to obtain independent verification of its accuracy before using it for any purpose.	CONSULTANTS: Jacobs Engineering JACOBS 10816 EXECUTIVE CENTER DRIVE, SUITE 300 LITTLE ROCK, ARKANSAS 72114-3883 PHONE (501) 223-0515 FAX (501) 223-2470 JACOBS PROJECT NO: F3W81800	ARCHITECT/ENGINEERS: Tompkins Architects, LLC 612 N.W. Kay Drive Lee's Summit, Missouri 64063 Phone: (816) 525-9833 Fax: (816) 524-9005 Email: jet@tom-arch.com STUCK associates ARCHITECTS Phone: (501) 378-0669 1308 South Main Street Little Rock, Arkansas 72202	Drawing Title Signage Plan		Project Title Outpatient Mental Health Improvements Overton Brooks Veterans Administration Medical Center		Project Number 667-081	Office of Facility Management 100% Submittal
"As-Built" Document Revisions		07/23/12				Approved: Project Director		Building Number Bldg. 1, South Wing		Building Number A901	
								Location Shreveport, Louisiana		Drawing Number Dwg. 44 of 123	
								Date 01/20/2010	Checked Checker	Drawn Author	

A

three inches = one foot

B

one and one half inch = one foot

C

three quarters inch = one foot

D

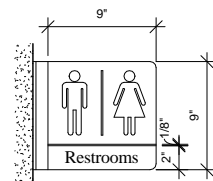
one half inch = one foot

E

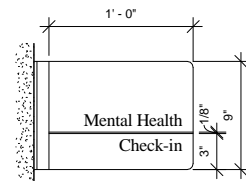
one quarter inch = one foot

F

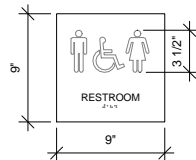
one eighth inch = one foot



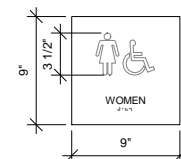
Projecting Sign with graphic symbol
Typical location: at Restrooms, Elevators, Fire Extinguisher locations



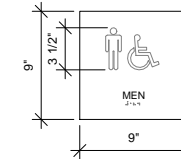
Projecting Sign with graphic symbol
Typical location: at check-in for each department



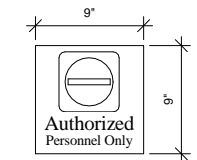
Typical location: at all unisex toilets



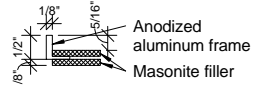
Typical location: at all women's restrooms



Typical location: at all men's restrooms



Specification Information:
Acrylic face with text and graphic applied to the back and painted. Attach to wall with _____
Typical locations: Exterior doors



Addendum #6: Detail 7 on Sheet A902 is a mounting detail for projecting sign types PRO-1 and PRO-2.

1 Sign Type PRO-1
1 1/2" = 1'-0"

3 Sign Type PRO-2
1 1/2" = 1'-0"

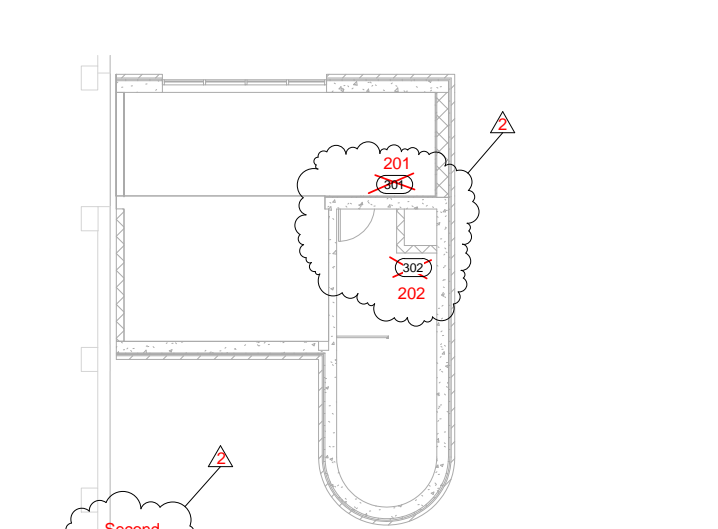
2 Sign Type RR-1
1 1/2" = 1'-0"

4 Sign Type RR-2
1 1/2" = 1'-0"

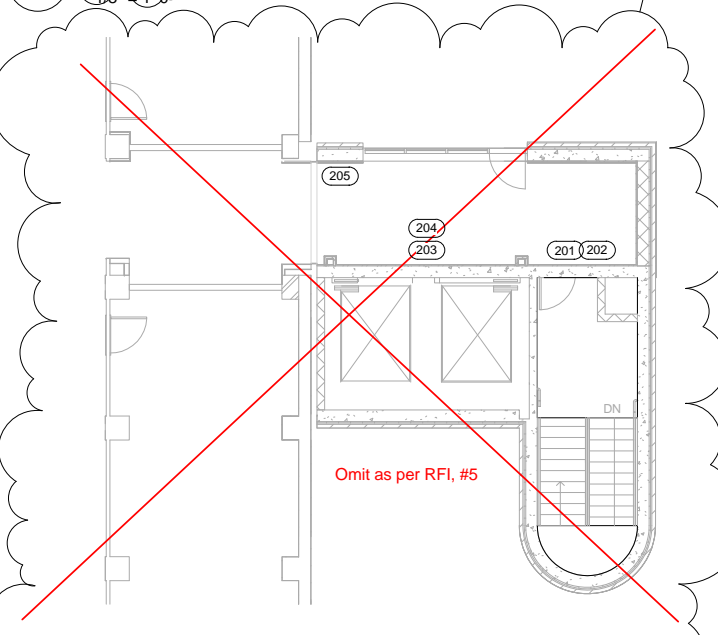
5 Sign Type RR-3
1 1/2" = 1'-0"

8 Sign Type EXT-1
1 1/2" = 1'-0"

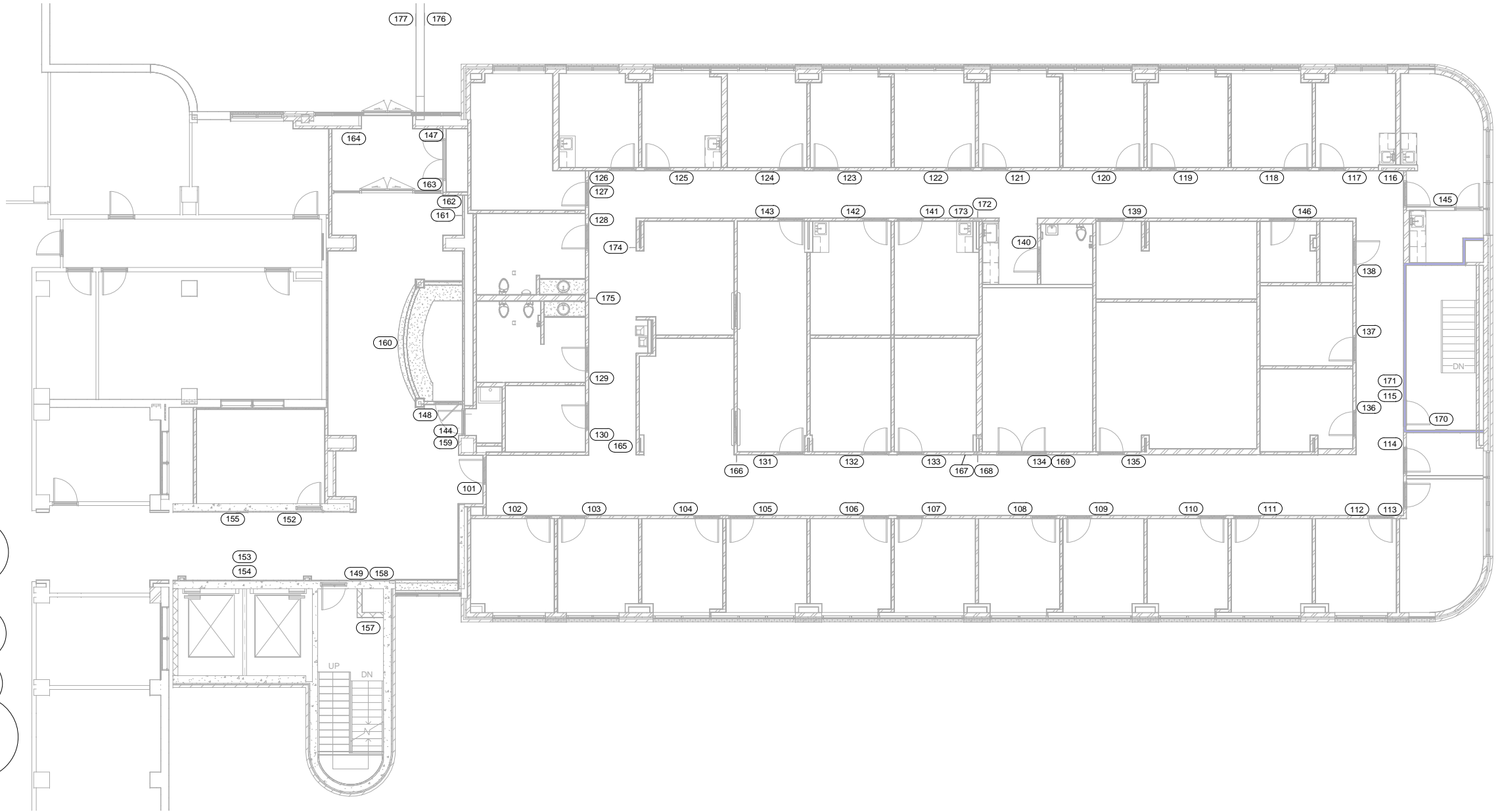
7 Signage Frame Detail
6" = 1'-0"



6 Third Floor Signage Plan
1/8" = 1'-0"



F1 Second Floor/Roof Signage Plan
1/8" = 1'-0"



F3 First Floor Signage Plan
1/8" = 1'-0"

REVISIONS		DATE
▲	Addendum #6 - 07/27/09	11/24/09
▲	RFI, #5 - 01/07/10	01/20/10

AS-BUILT DRAWINGS
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Drawing Title
Signage Plan
Approved: Project Director

Project Title
Outpatient Mental Health Improvements
Overton Brooks
Veterans Administration Medical Center
Location
Shreveport, Louisiana
Date
01/20/2010
Checked
Checker
Drawn
Author
Project Number
667-081
Building Number
Bldg. 1, South Wing
Drawing Number
A902
Dwg. 45 of 123

Office of Facility Management
100% Submittal

A three inches = one foot
B one and one half inch = one foot
C three quarters inch = one foot
D one half inch = one foot
E one quarter inch = one foot
F one eighth inch = one foot

Signage Schedule			
Sign Number	Signage Type	Signage Text	Signage Notes
002	DIM-1	South Wing	TURN OVER
003	RID-1	B-S-14	
004	RID-1	B-S-16	
005	RID-1	B-S-18	
006	RID-1	B-S-20	
007	RID-1	B-S-22	
008	RID-1	B-S-24	
010	RID-1	B-S-26	
011	RID-1	B-S-28	
012	RID-1	B-S-30	
013	RID-1	B-S-32	
014	REG-1	STAIRS	
015	RID-1	B-S-36	
016	RR-1	Restroom B-S-42	HC Both
017	RID-1	B-S-44	
018	RID-1	B-S-46	
019	RID-1	B-S-48	
020	RID-1	B-S-50	
021	RID-1	B-S-52	
022	RID-1	B-S-54	
024	RID-1	B-S-56	
025	RID-1	B-S-58	
026	RID-1	B-S-60	
027	RR-3	Men B-S-62	
028	RR-2	Women B-S-64	
029	RID-1	B-S-66	
030	RID-1	B-S-67	
032	RID-1	B-S-19	
033	RID-1	B-S-23	
034	RID-1	B-S-27	
035	RID-1	B-S-21	
036	RR-1	Staff Restroom B-S-27A	
037	RID-2	B-S-45	
038	RID-1	B-S-35	
039	RID-2	B-S-45	
040	RID-1	B-S-51	
041	RID-1	B-S-53	
042	RID-1	B-S-63	
043	RID-1	B-S-65	

Signage Schedule			
Sign Number	Signage Type	Signage Text	Signage Notes
044	RID-1	B-S-92	
045	INF-3	AUTHORIZED PERSONNEL ONLY	
046	RID-1	B-S-3	
047	REG-1	STAIRS	
048	INF-4		
054	RID-1	B-S-40	
055	RID-1	B-S-38	
056	RID-1	B-S-2	
057	RID-1	B-S-45A	
059	RID-1	B-S-4	
060	REG-1	STAIRS	
061	RID-1	B-S-5	
062	RID-1	B-S-7	
063	RID-1	B-S-50A	
064	REG-2	EVACUATION PLAN	
065	DIM-1	South Elevators	
066	DIR-1		TURN OVER
068	INF-2	Fire Extinguisher	
069	PRO-1	Fire Extinguisher	
070	INF-5	RACE	
071	REG-3	South Wing / Stair #9 / Floor / B / Basement to 9th floor / No roof access / Exit this floor	
072	INF-6	Exit	
073	DIM-1	Information Desk	TURN OVER
074	INF-3	AUTHORIZED PERSONNEL ONLY	
075	DIR-3		TURN OVER
076	PRO-2	B-S-66 / Check-in	
077	RID-1	B-S-10	
078	RID-1	B-S-12	
079	PRO-2	B-S-67 / Check-in	
080	INF-2	Fire Extinguisher	
081	PRO-1	Fire Extinguisher	
082	INF-3	AUTHORIZED PERSONNEL ONLY	
083	REG-3	South Wing / Stair #10 / Floor / B / Basement to 2nd floor / No roof access / Exit this floor	
084	INF-5	RACE	
085	PRO-1	Restroom	
086	INF-2	Fire Extinguisher	

Signage Schedule			
Sign Number	Signage Type	Signage Text	Signage Notes
087	PRO-1	Fire Extinguisher	
088	PRO-2	B-S-54 / Check-in	
089	INF-3	AUTHORIZED PERSONNEL ONLY	
090	INF-3	AUTHORIZED PERSONNEL ONLY	
091	EXT-1	AUTHORIZED PERSONNEL ONLY	
092	EXT-1	/ Check-in	
093	DIM-2	South Entrance	Refer to South Exterior Elevation for location and heights - TURN OVER
094	DIR-2		
101	DIM-1	South Wing	TURN OVER
102	RID-1	1S10	
103	RID-1	1S12	
104	RID-1	1S14	
105	RID-1	1S16	
106	RID-1	1S18	
107	RID-1	1S20	
108	RID-1	1S22	
109	RID-1	1S24	
110	RID-1	1S26	
111	RID-1	1S28	
112	RID-1	1S30	
113	RID-1	1S32	
114	RID-1	1S34	
115	REG-1	STAIR	
116	RID-1	1S38	
117	RID-1	1S40	
118	RID-1	1S42	
119	RID-1	1S44	
120	RID-1	1S46	
121	RID-1	1S48	
122	RID-1	1S50	
123	RID-1	1S52	
124	RID-1	1S54	
125	RID-1	1S56	
126	RID-1	1S58	

Signage Schedule			
Sign Number	Signage Type	Signage Text	Signage Notes
127	RID-1	1S60	
128	RR-3	Men 1S62	
129	RR-2	Women 1S64	
130	RID-1	1S66	
131	RID-1	1S17	
132	RID-1	1S19	
133	RID-2	1S21	
134	RID-1	1S23	
135	RID-2	1S25	
136	RID-1	1S33	
137	RID-1	1S35	
138	RID-1	1S37	
139	RID-2	1S47	
140	RR-1	Staff Restroom 1S49A	
141	RID-1	1S51	
142	RID-1	1S53	
143	RID-1	1S55	
144	RID-1	1S2	
145	RID-1	1S38A	
146	RID-1	1S43	
147	RID-1	1S6	
148	RID-1	1S4	
149	REG-1	STAIR	
152	RID-1	1S3	
153	DIM-1	South Elevators	
154	REG-2	EVACUTATION PLAN	
155	DIR-4		
157	REG-3	South Wing / Stair #9 / Floor / 1 / Basement to 9th floor / No roof access / Down to Basement / for exit discharge	
158	INF-5	RACE	
159	INF-3	AUTHORIZED PERSONNEL ONLY	
160	DIM-1	Information Desk	TURN OVER
161	PRO-1	Fire Extinguisher	
162	INF-2	Fire Extiguisher	
163	INF-3	AUTHORIZED PERSONNEL ONLY	
164	INF-5	RACE	
165	DIR-5		

Signage Schedule			
Sign Number	Signage Type	Signage Text	Signage Notes
166	PRO-2	1S17 / Check-in	
167	INF-2	Fire Extinguisher	
168	PRO-1	Fire Extinguisher	
169	INF-3	/ Check-in	
170	REG-3	South Wing / Stair #10 / Floor / B / Basement to 2nd floor / No roof access / Exit this floor	
171	INF-5	RACE	
172	PRO-1	Fire Extinguisher	
173	INF-2	Fire Extinguisher	
174	PRO-2	1S55 / Check-in	
175	PRO-1	Restroom	
176	DIM-2	South Entrance	Refer to South Building Elevations for exact location and height - TURN OVER
177	DIM-2	South Entrance	Refer to South Building Elevations for exact location and height - TURN OVER
201	REG-1		
202	INF-5		
203	REG-2		
204	DIM-1	South Elevators	
205	DIR-6		
301	REG-1		
302	REG-3	South Wing / North Stair / Floor / 3 / Basement to 3rd floor / No roof access / Down to Basement / for exit discharge	
201	REG-1		
202	INF-5		
203	REG-2		
204	DIM-1	South Elevators	
205	DIR-6		
301	REG-1		
302	REG-3	South Wing / North Stair / Floor / 3 / Basement to 3rd floor / No roof access / Down to Basement / for exit discharge	

Signage General Notes

- A All signs located next to a door will be hung 3" from the strike side of the door frame and 60" AFF to the centerline of the sign.
- B All RID-1, RID-2 signs will have room name and/or tenant assigned by Owner.
- D Room numbers will be assigned by owner, verify before sign production begins.
- E Comply with American with Disabilities Act (ADA) and with code provisions as adopted by authorities having jurisdiction.

Example Text:

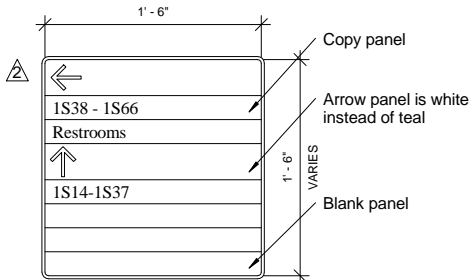
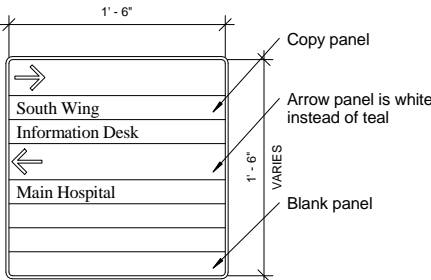
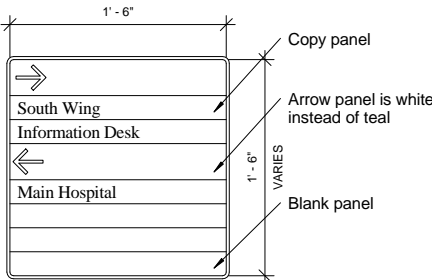
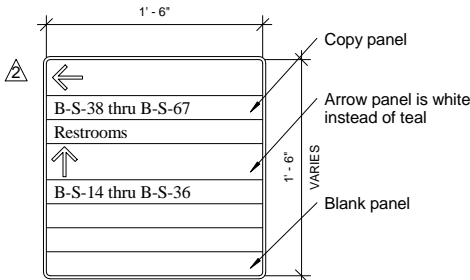
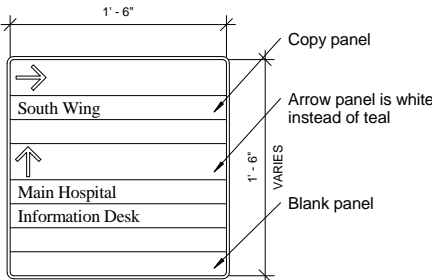
SOUTH ELEVATORS

Copy for DIM-1: 6"
Copy for DIM-2: 12"
Type Face: Times New Roman
Material: Aluminum in Satin finish

Typical locations: At entry to new hospital wing, elevator lobbies, and information desks (Refer to Interior Elevations)

7 Sign Type DIM-1 & DIM-2

1 1/2" = 1'-0"



Wall Mounted Directional with Individual Changeable Panels
Framed modular unit to allow maximum flexibility of changes. Available with arrow, copy, and blank panels to effectively point the way.

Wall Mounted Directional with Individual Changeable Panels
Framed modular unit to allow maximum flexibility of changes. Available with arrow, copy, and blank panels to effectively point the way.

Wall Mounted Directional with Individual Changeable Panels
Framed modular unit to allow maximum flexibility of changes. Available with arrow, copy, and blank panels to effectively point the way.

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Wall Mounted Directional with Individual Changeable Panels
Framed modular unit to allow maximum flexibility of changes. Available with arrow, copy, and blank panels to effectively point the way.

4 Sign Type DIR-1

1 1/2" = 1'-0"

REVISIONS		DATE
RFI, #5 - 01/07/10		01/20/10
"As-Built" Document Revisions		07/23/12

1 Sign Type DIR-2

1 1/2" = 1'-0"

AS-BUILT DRAWINGS
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CONSULTANTS:

Jacobs Engineering
JACOBS
10816 EXECUTIVE CENTER DRIVE, SUITE 300
LITTLE ROCK, ARKANSAS 7211-4383
PHONE (501) 223-0515 FAX (501) 223-2470
JACOBS PROJECT NO: F3W81800

2 Sign Type DIR-3

1 1/2" = 1'-0"

ARCHITECT/ENGINEERS:

Tompkins Architects, LLC
612 N.W. Kay Drive
Lee's Summit, Missouri 64063
Phone: (816) 525-9833
Fax: (816) 524-9005
Email: jet@tom-arch.com

STUCK
associates
ARCHITECTS
Phone: (501) 378-0669
www.stuckarch.com
1308 South Main Street
Little Rock, Arkansas 72202

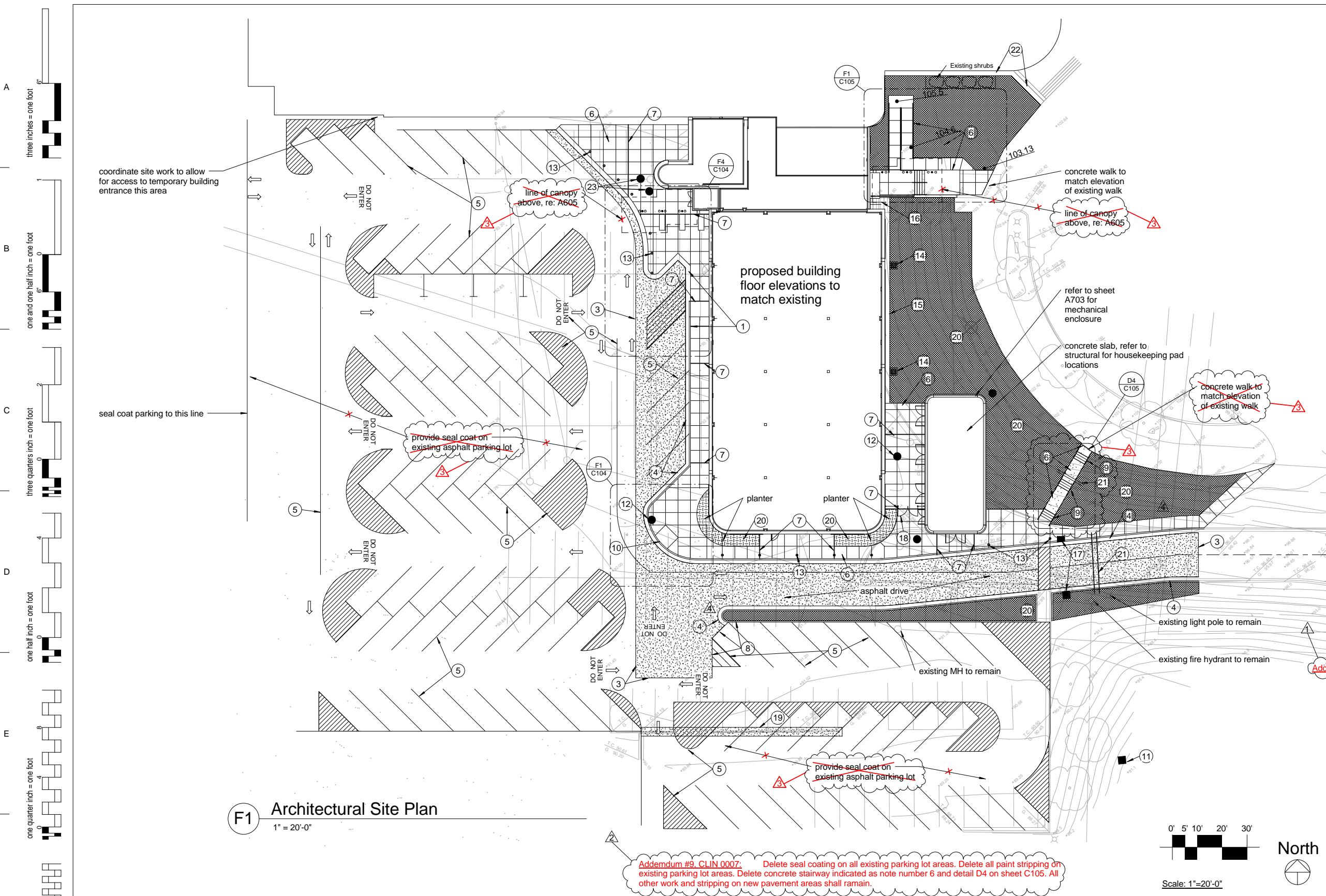
3 Sign Type DIR-4

1 1/2" = 1'-0"

5 Sign Type DIR-5

1 1/2" = 1'-0"

Drawing Title Signage Plan	Project Title Outpatient Mental Health Improvements Overton Brooks Veterans Administration Medical Center	Project Number 667-081	Office of Facility Management 100% Submittal
Approved: Project Director	Location Shreveport, Louisiana	Building Number Bldg. 1, South Wing	
	Date 01/20/2010	Drawing Number A903 Dwg. 46 of 123	
	Checked Checker	Drawn Author	



Site General Notes


- A Contractor shall accept site "as is" on the day the contract is awarded and provide fill and grading required to provide final grading as shown.
- B The approximate location of known subsurface structures and utilities (i.e. water, gas, power, phone, etc.) are shown on the plans for information only. The contractor shall be responsible for understanding the actual location of these and all other subsurface items prior to beginning construction. All repairs and relocation necessary shall be made in accordance with the utility company and the contract documents. The cost of these repairs and relocations shall be borne by the contractor.
- C Field Conditions encountered which necessitate revisions to utility layouts or grades shall be submitted in drawing form by the Contractor to the Architect for approval prior to execution.
- D Establish positive surface drainage before construction begins. Positive drainage shall be maintained through construction.
- E Unless noted otherwise, distances are to centerline of structure (manhole, catch basin, etc.) C.I. ring and cover shall be centered in top of structures.
- F Unless noted otherwise, any note, detail, or feature, indicated for one condition shall be applicable for all alike and similar conditions.
- G Areas not paved shall be seeded unless otherwise noted. Verify final placement of plants, shrubs and trees with Owner and Architect.
- H Services for storm water runoff are to be maintained during construction of new utilities.
- I Dimensions are to back of curb.
- J Provide 1/2" expansion joint filler where pavement abuts building.
- K All striping shall be yellow except for handicap spaces and symbols which shall be blue.
- L Splashblocks shall be provided at each downspout unless concrete is indicated at the base of the downspout.

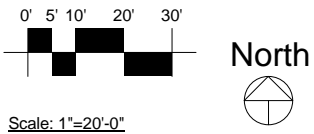
Site Plan Key Notes

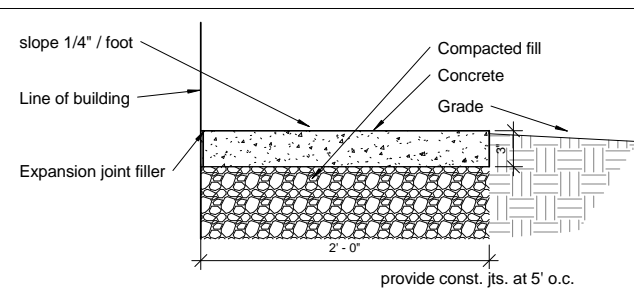
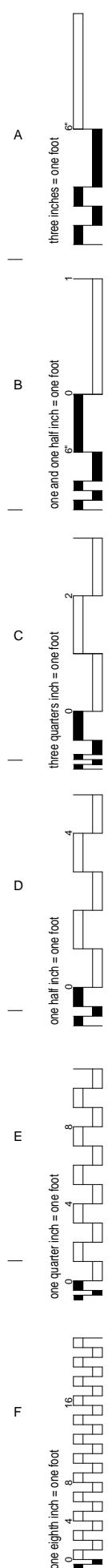
- 1 Handicap sign; Re: D7/ C105
- 2 NOT USED
- 3 New asphalt pavement to match elevation of existing pavement
- 4 Concrete curb and gutter, Re: B7/ C104
- 5 Pavement marking, Re: B1/ C105
- 6 Concrete walk; Re: F7/ C104
- 7 Expansion Joint
- 8 Standing concrete curb, Re: A7/ C104
- 9 Concrete steps Re: F3/ C105
- 10 Handicap curb cut, Re: F1/ C104
- 11 Flared end section, Re: C106
- 12 raise or lower rim of manhole cover to match new grade.
- 13 Bollard, re: F7/ C105
- 14 Storm sewer inlet, Re: C106
- 15 Mowing strip, Re: A3/ C104
- 16 concrete slab to match elevation of mowing strip
- 17 Curb inlet
- 18 fence and gate, Re: F1/ A703
- 19 Patch pavement where curb is to be removed
- 20 Repair and replace sprinkler piping disturbed by construction. Extend sprinkler system to planters south of building and to sodded area south of asphalt drive. Provide an additional head to be located by owner.
- 21 Two 8" PVC conduit for future work
- 22 Concrete drainage swale, re: B3/ C104
- 23 new junction box

Site Legend

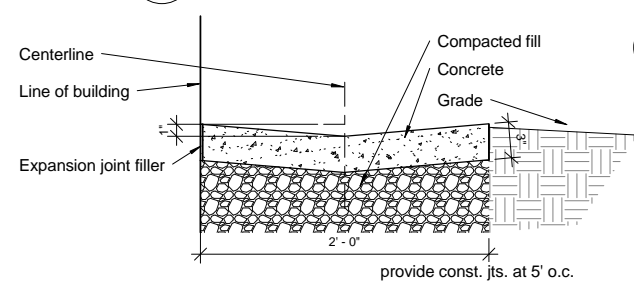
- Centerline
- New Asphalt Pavement
- Area of Solid Sod
- Planter area with topsoil

REVISIONS		DATE	AS-BUILT DRAWINGS This document has been prepared based on As-Built information provided by others. Those relying on this document are advised to obtain independent verification of its accuracy before using it for any purpose.	CONSULTANTS: Jacobs Engineering JACOBS 10816 EXECUTIVE CENTER DRIVE, SUITE 300 LITTLE ROCK, ARKANSAS 72114-3883 PHONE (501) 223-0515 FAX (501) 223-2470 JACOBS PROJECT NO: F3W81800	ARCHITECT/ENGINEERS: Tompkins Architects, LLC  612 N.W. Kay Drive Lee's Summit, Missouri 64063 Phone: (816) 525-9833 Fax: (816) 524-9005 Email: jet@tom-arch.com  1308 South Main Street Little Rock, Arkansas 72202	Drawing Title Architectural Site Plan Approved: Project Director	Project Title Outpatient Mental Health Improvements Overton Brooks Veterans Administration Medical Center Location Shreveport, Louisiana Date 01/20/2010 Checked Author	Project Number 667-081 Building Number Bldg. 1, South Wing Drawing Number C101 Dwg. 3 of 123	Office of Facility Management 100% Submittal
Addendum #6 - 07/27/09		11/23/09							
Addendum #9, CLIN 0007 - 08/26/09		11/23/09							
RFI, #4 - 01/07/10		01/20/10							
"As-Built" Document Revisions		07/18/12							

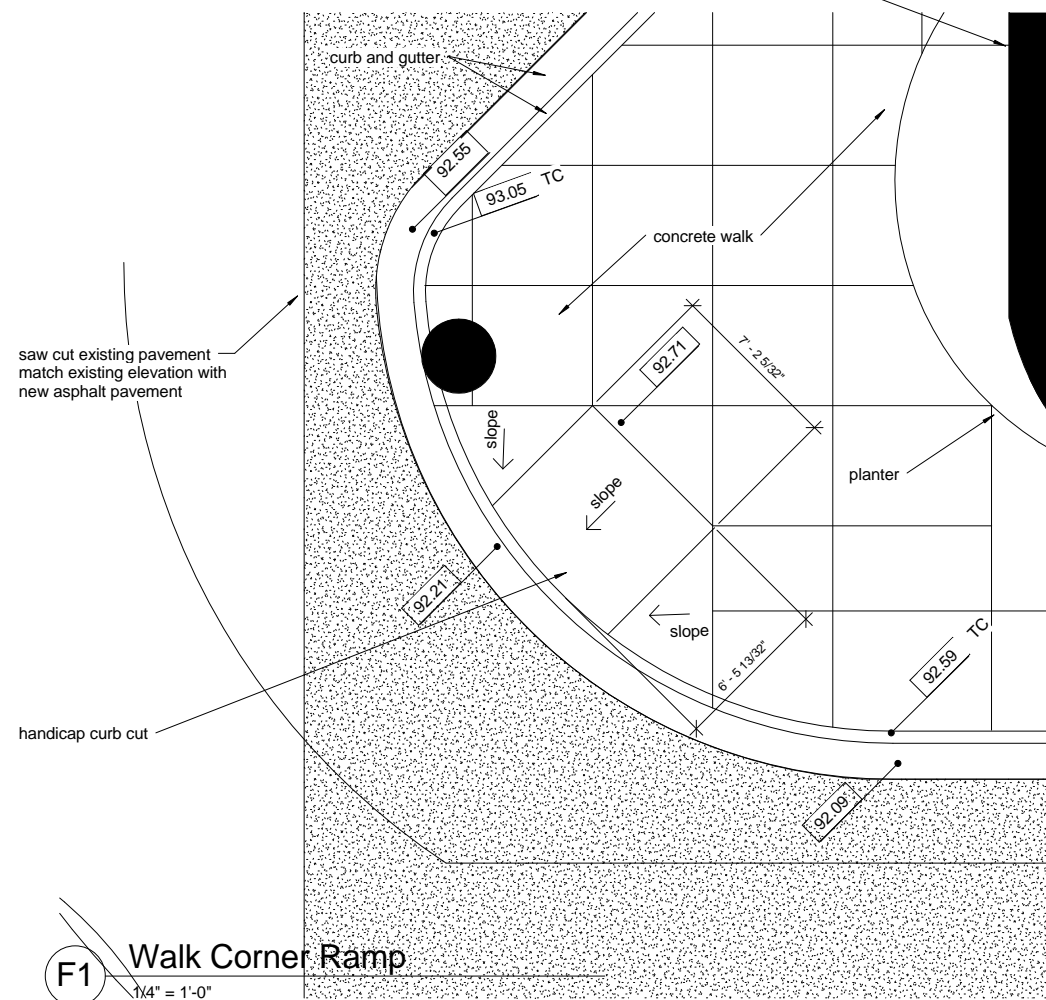
AS-BUILT SET 06/25/2012



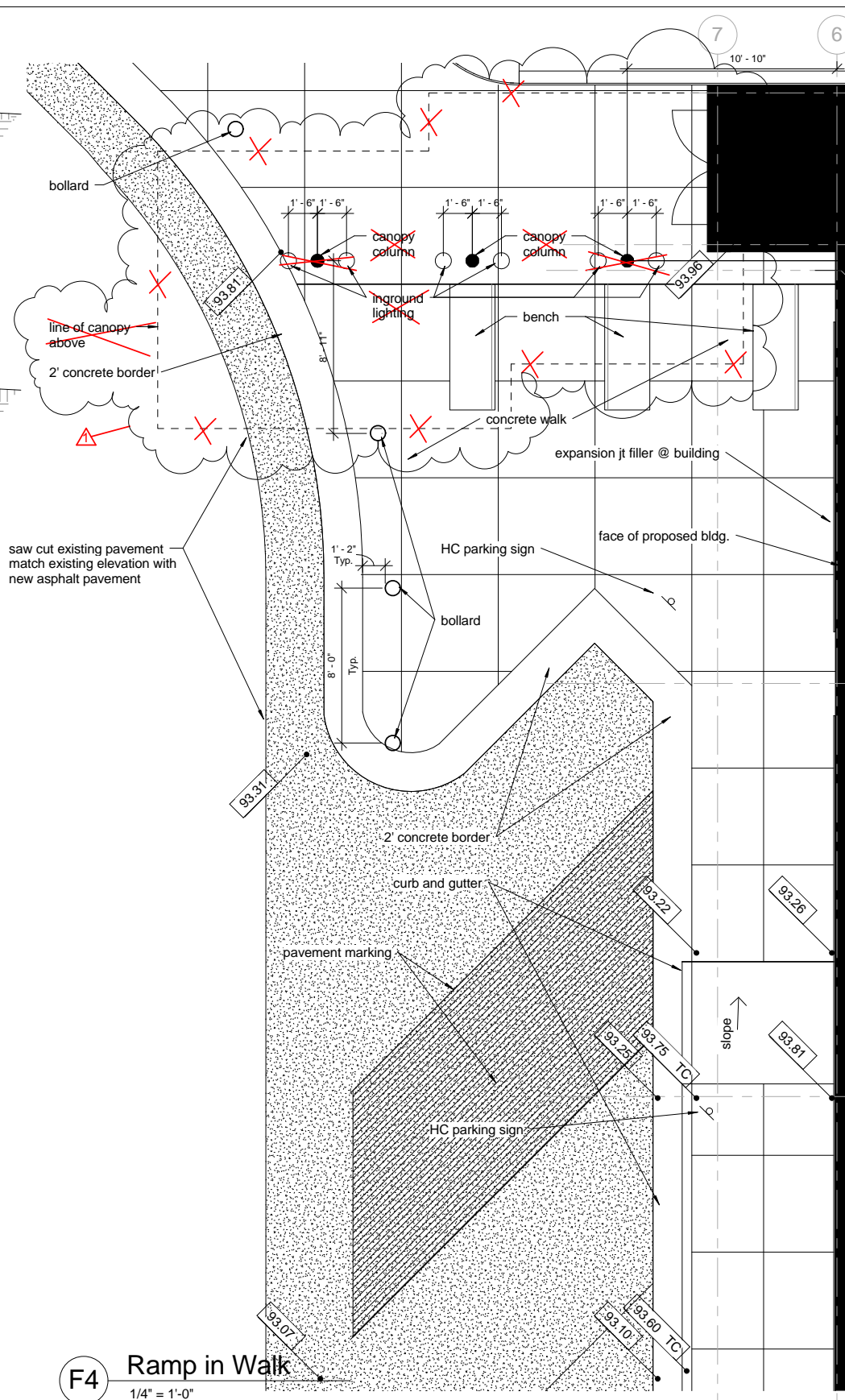
A3 Mow Strip
1 1/2" = 1'-0"



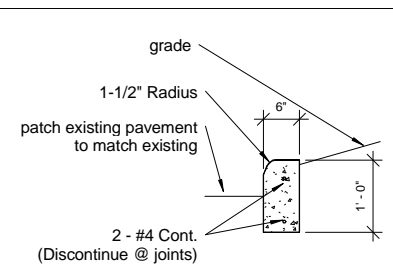
B3 **Drainage Swale**
1 1/2" = 1'-0"
face of proposed bldg



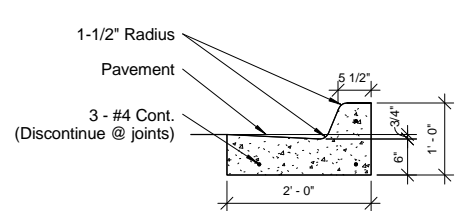
F1 Walk Corner Ramp
1/4" = 1'-0"



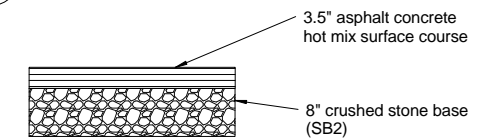
F4 Ramp in Walk
1/4" = 1'-0"



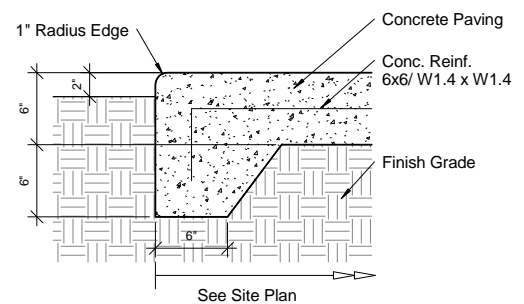
A7 Standing Curb Detail
3/4" = 1'-0"



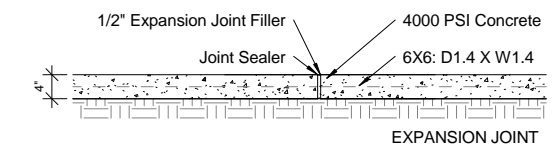
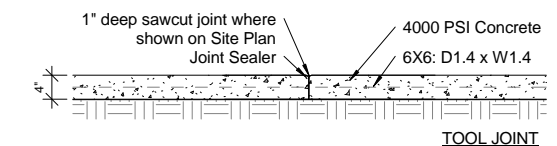
B7 Concrete Curb & Gutter Detail
3/4" = 1'-0"



C7 Asphalt Pavement Section
3/4" = 1'-0"



D7 Walk Edge Detail
1 1/2" = 1'-0"



Note: Provide exp. joints 40' O.C. max. and at all sidewalk intersections

F7 Walk Detail
3/4" = 1'-0"

REVISIONS		DATE
▲	RFI, #4 - 01/07/10	01/20/10

AS-BUILT DRAWINGS
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CONSULTANTS:

Jacobs Engineering

JACOBS

10816 EXECUTIVE CENTER DRIVE, SUITE 300
LITTLE ROCK, ARKANSAS 72114-4383
PHONE (501) 223-0515 FAX (501) 223-2470
JACOBS PROJECT NO: F3W81800

ARCHITECT/ENGINEERS:
 Tompkins Architects, LLC

STUCK
associates
ARCHITECTS
Phone: (501) 378-0059 1308 South Main Street
Little Rock, Arkansas 72202

Drawing Title	Site Details
---------------	--------------

Approved: Project Director

Project Title	Outpatient Mental Health Improvements Overton Brooks Veterans Administration Medical Center
---------------	---

Location	Shreveport, Louisiana		
Date	Checked	Dra	

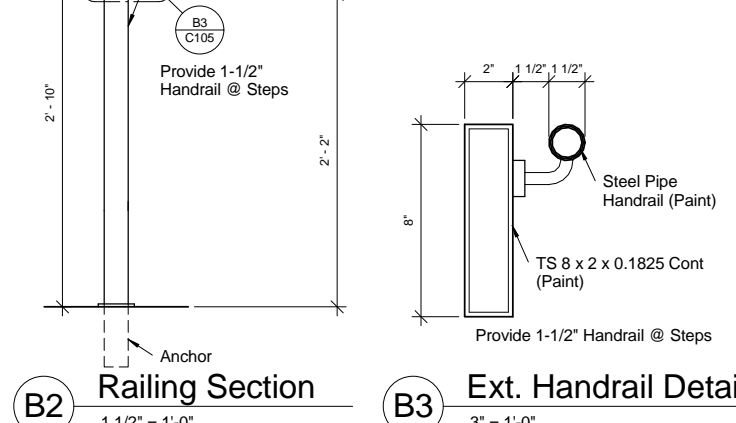
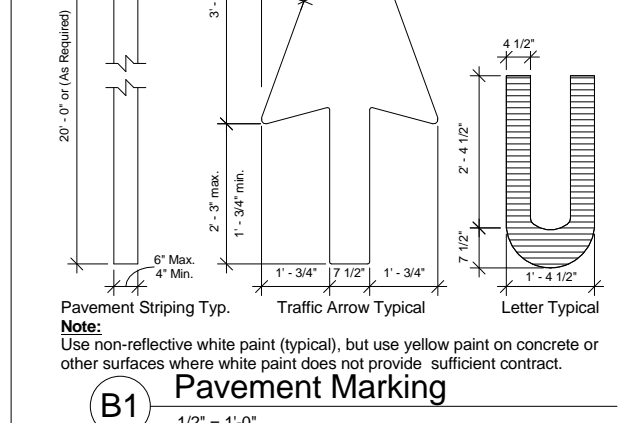
Project Number	667-081
Building Number	Bldg. 1, South Wing
Drawing Number	C104

Office of
Facility
Management

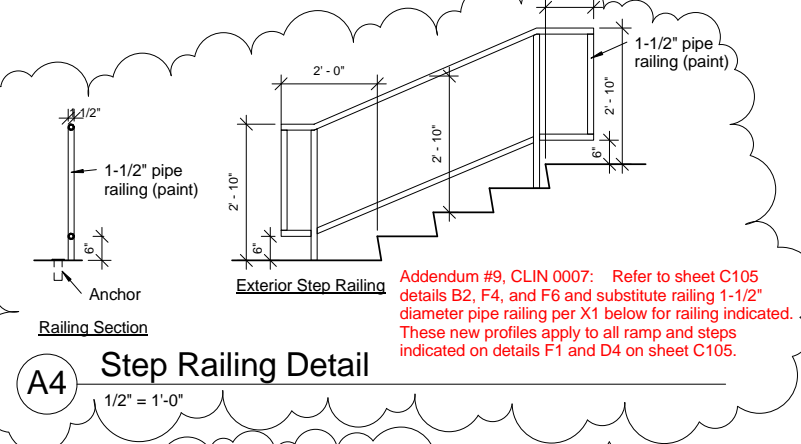
100% Submittal

A
—
B
—
C
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D
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E
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F

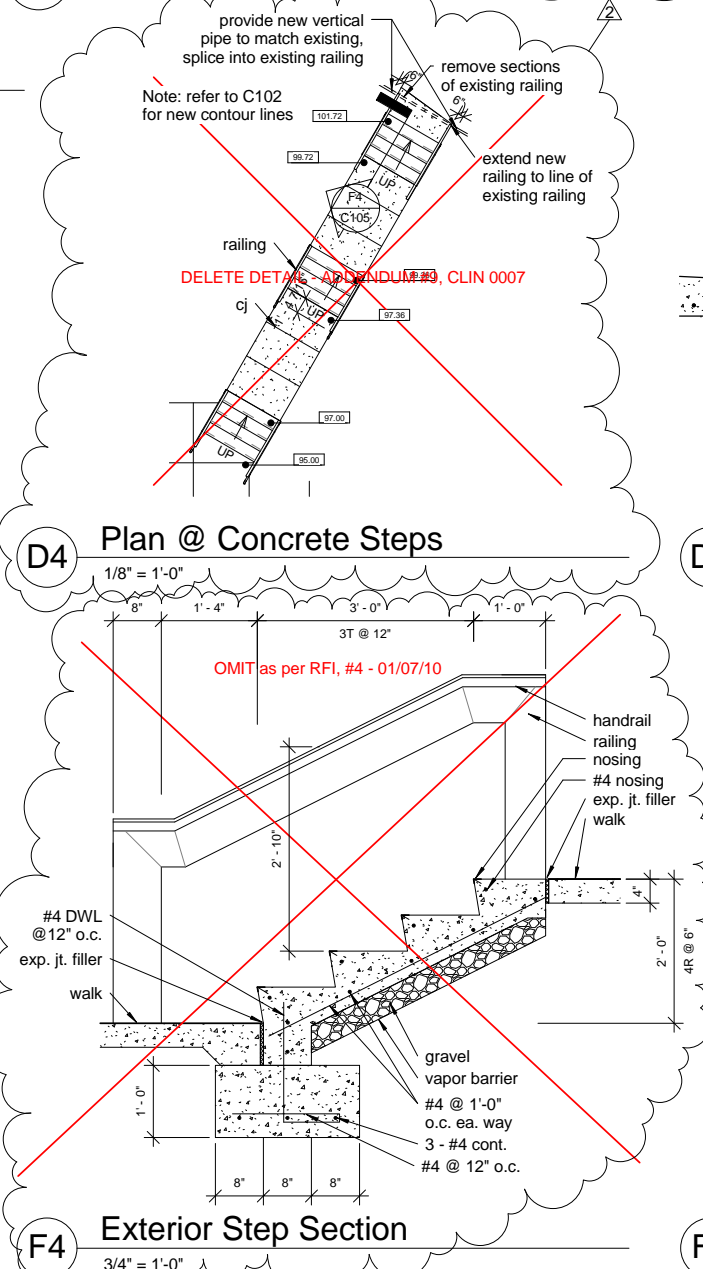
three inches = one foot
one and one half inch = one foot
three quarters inch = one foot
one half inch = one foot
one quarter inch = one foot
one eighth inch = one foot



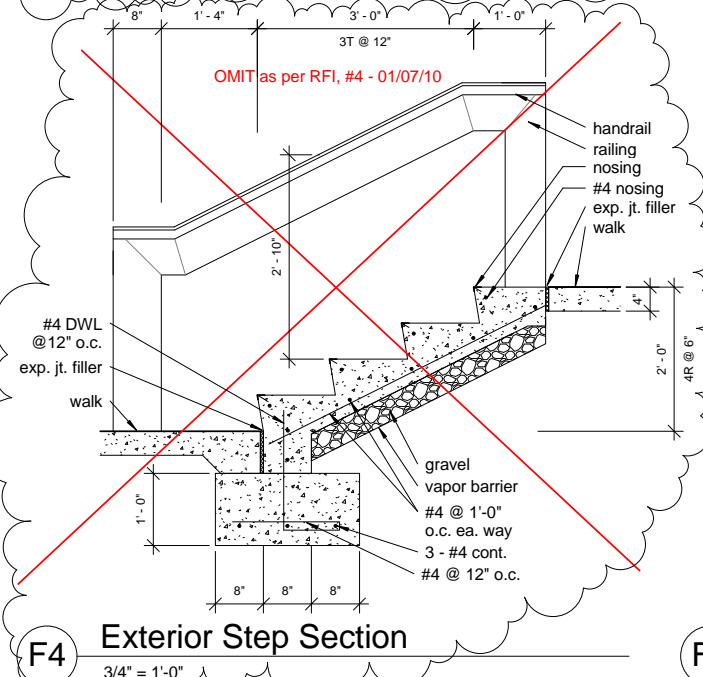
A4 Step Railing Detail
1/2" = 1'-0"



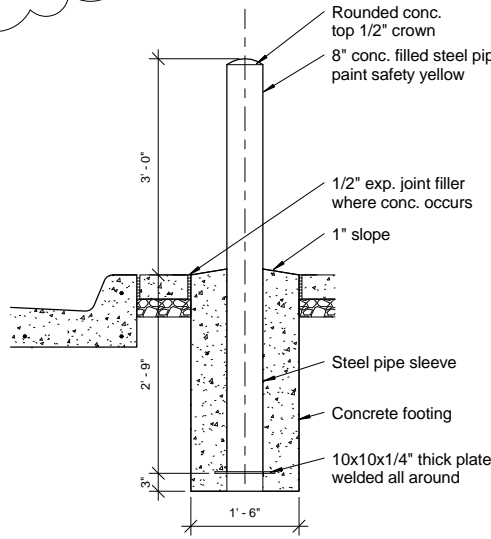
D4 Plan @ Concrete Steps
1/8" = 1'-0"



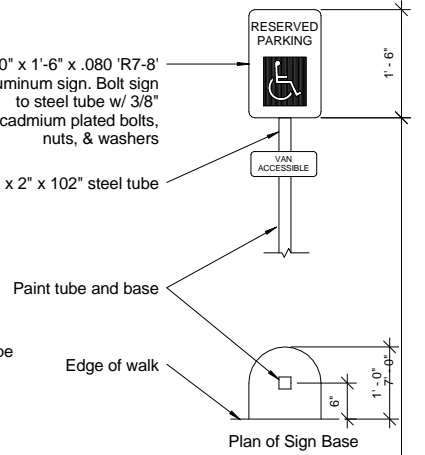
F4 Exterior Step Section
3/4" = 1'-0"



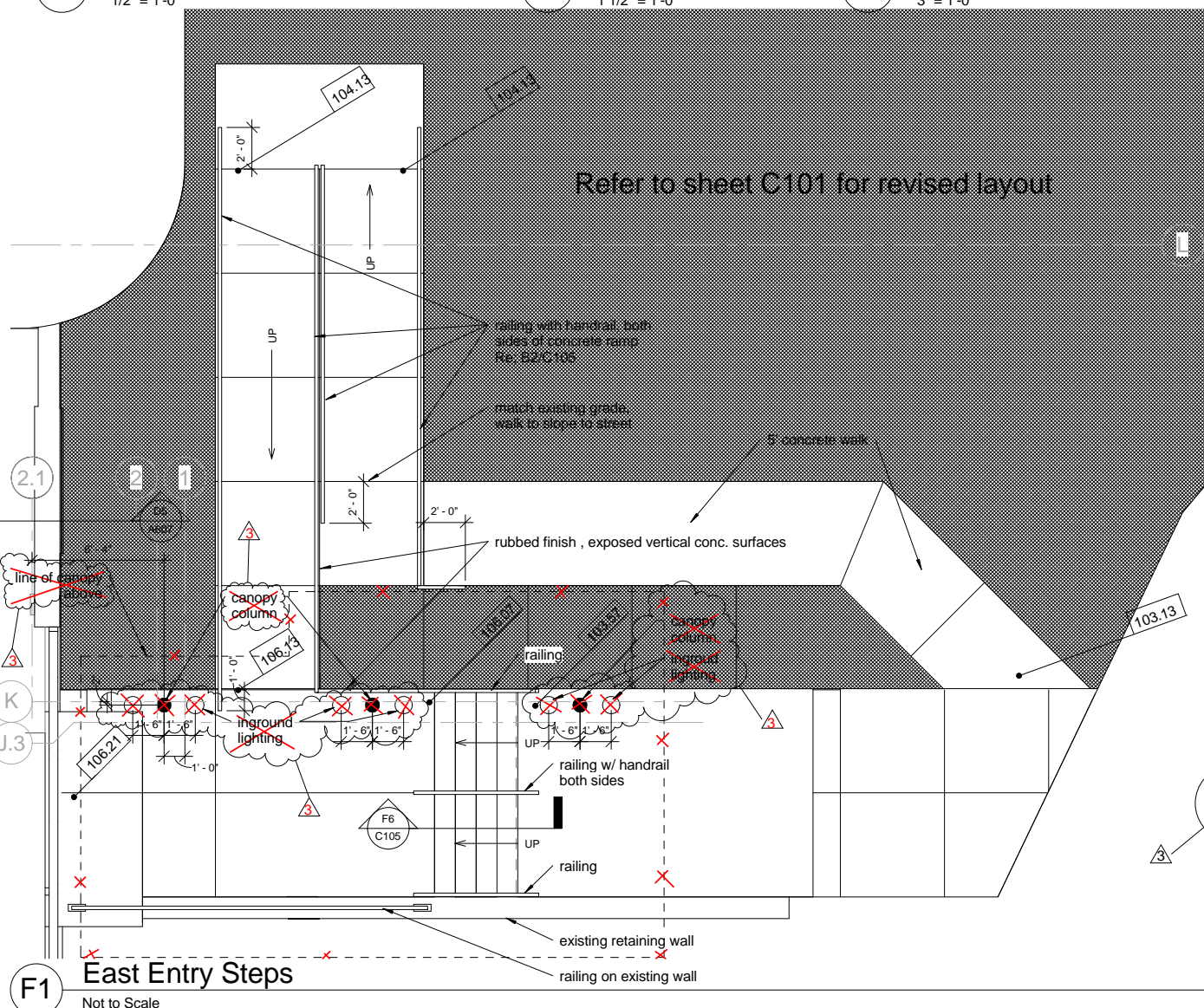
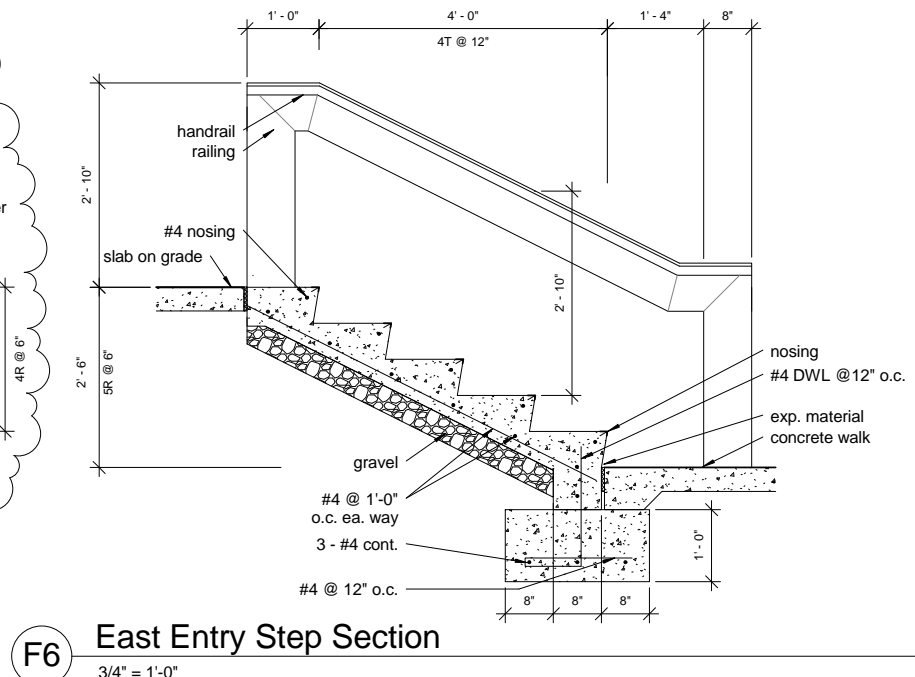
D6 Bollard Detail
3/4" = 1'-0"



D7 H.C. Signage
3/4" = 1'-0"

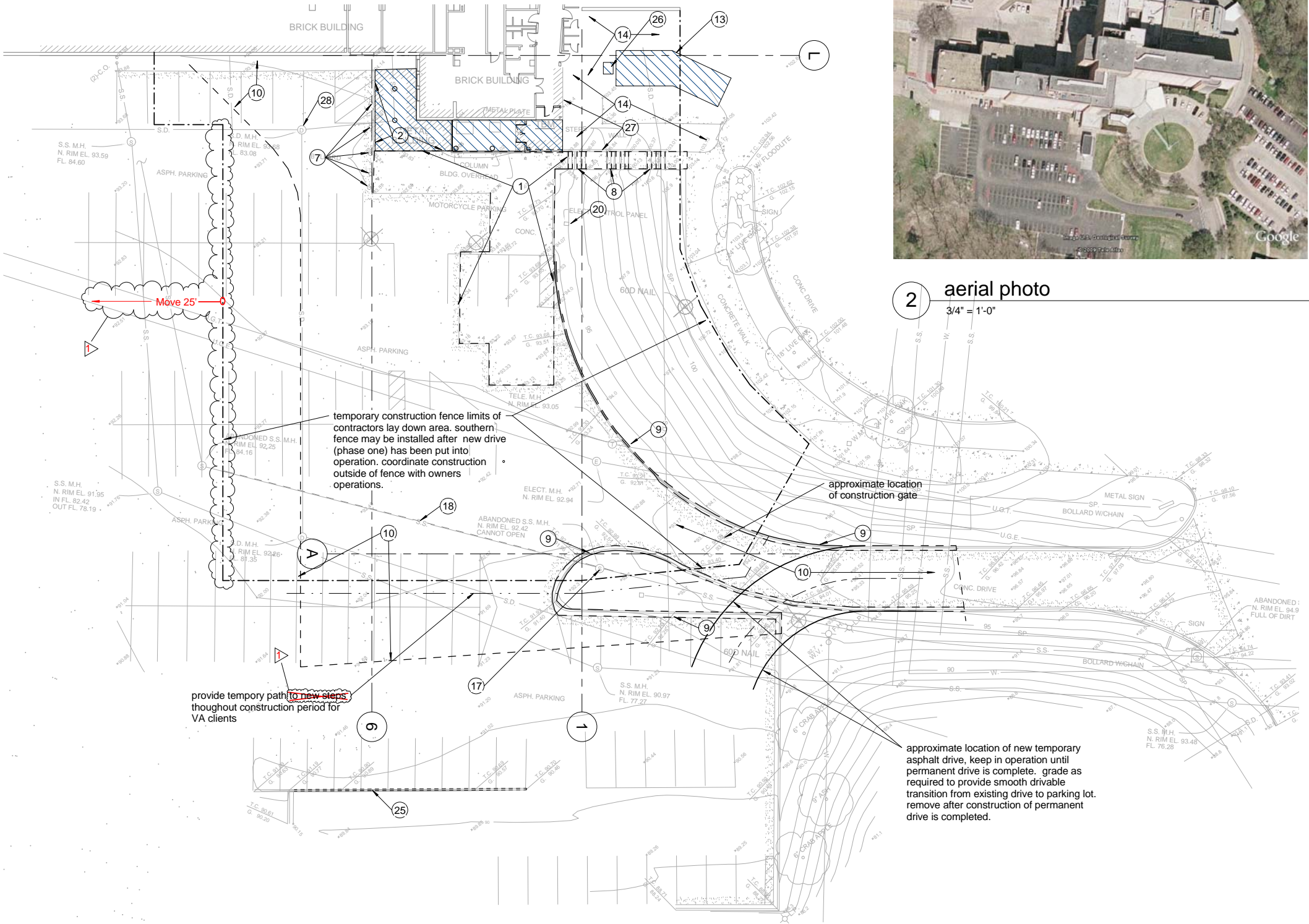


F6 East Entry Step Section
3/4" = 1'-0"



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1	Addendum #9, CLIN 0007 - 08/26/2009	11/24/09							
2	Addendum #9 - 08/26/09	11/24/09							
3	RFI, #4 - 01/07/10	01/20/10							
						Approved: Project Director	Location Shreveport, Louisiana	Drawing Number C105 Dwg. 7 of 123	100% Submittal
			Date 01/20/2010	Checked Checker	Drawn Author				

A three inches = one foot
B one and one half inch = one foot
C three quarters inch = one foot
D one half inch = one foot
E one quarter inch = one foot
F one eighth inch = one foot



Demolition General Notes

- A Areas to be removed are shown only as an approximation. The General Contractor is responsible for all demolition or relocation on drawings.
- B The Contractor shall verify information shown as existing and report any discrepancies.
- C Prior to demolition, the General contractor will notify the Owner in sufficient time to salvage miscellaneous items before demolition work commences.
- D All flooring (VCT, carpet, conductive tile, etc.) designated by note shall be removed to concrete slab or terrazzo flooring.
- E The ceiling (gypsum board, acoustical tile, sprayed-on texture, etc.) including associated ceiling devices and fixtures (ceiling grid, mechanical, electrical, plumbing items, etc.) designated by note shall be removed. See Mechanical, Electrical, and Plumbing demolition plans for more information.
- F All walls (metal stud partitions, hollow clay tile, etc.) including associated devices and fixtures (windows, frames, finishes, toilet partitions & accessories, mechanical, electrical and plumbing fixtures, etc.) designated by note shall be removed. See Mechanical, Electrical, and Plumbing demolition plans for additional information.
- G During demolition, if asbestos or lead paint is found, notify Architect immediately & removal will be provided by Owner (or separate Contractor).
- H Remove miscellaneous items (Architectural, Electrical, Mechanical, Plumbing, etc.) on walls designated to be moved.
- I Provide dust barriers, both floor and ceiling, to isolate demolition and construction work from occupied portions of the building.

Demolition Key Notes

- 1 remove concrete slab
- 2 remove single story metal building structure including slab and foundations
- 3 remove section of exterior wall associated doors, windows, and mechanical and electrical components.
- 4 remove partition and associated mechanical and electrical components.
- 5 remove concrete column
- 6 remove section of concrete floor structure
- 7 remove ballards
- 8 remove concrete steps, landings, railings, and associated walks
- 9 remove concrete curb and associated gutter sections
- 10 remove asphalt pavement, saw cut perimeter.
- 11 not used
- 12 window to remain, remove convection unit cover below window.
- 13 remove prefab metal canopy structure including slab, note that slab to be removed is larger than the prefab structure to be removed
- 14 salvage landscaping this area if in conflict with new construction. turn over to owner
- 15 remove exterior wall as required for corridor extension
- 16 remove door and frame
- 17 remove abandoned sanitary sewer manhole
- 18 existing abandoned sanitary sewer lines under new construction
- 19 remove steel plate floor grate. maintain opening until "pipe chase BS-93" is usable for access to sub basement.
- 20 control panel to be removed, refer to electrical
- 21 dust partition, re: sheet A610
- 22 remove portion of ceiling system and reinstall as required to accommodate new construction
- 23 remove existing flooring and base to original terrazzo flooring
- 24 remove existing ceiling system
- 25 remove standing concrete curb
- 26 remove AC unit and associated slab serving smoking shed
- 27 relocate and or remove exposed conduits, refer to electrical plans.
- 28 relocate drainage lines at existing manhole. cap existing manhole.
- 29 remove auto door controls and associated chases and construction

North



REVISIONS		DATE	AS-BUILT DRAWINGS This document has been prepared based on As-Built information provided by others. Those relying on this document are advised to obtain independent verification of its accuracy before using it for any purpose.	CONSULTANTS: Jacobs Engineering JACOBS 10816 EXECUTIVE CENTER DRIVE, SUITE 300 LITTLE ROCK, ARKANSAS 72111-4383 PHONE (501) 223-0515 FAX (501) 223-2470 JACOBS PROJECT NO: F3W81800	ARCHITECT/ENGINEERS: Tompkins Architects, LLC  612 N.W. Kay Drive Lee's Summit, Missouri 64063 Phone: (816) 525-9833 Fax: (816) 524-9005 Email: jet@tom-arch.com  STUCK associates ARCHITECTS Phone: (501) 378-0959 1308 South Main Street www.stuckarch.com Little Rock, Arkansas 72202	Drawing Title Site Demolition		Project Title Outpatient Mental Health Improvements Overton Brooks Veterans Administration Medical Center		Project Number 667-081		Office of Facility Management 100% Submittal
A	RFI, #3 - 01/07/2010	01/20/2010				Approved: Project Director		Location Shreveport, Louisiana		Building Number Bldg. 1, South Wing		
						Date 01/20/2010		Checked Checker		Drawing Number D101		
								Dwg. 9 of 123				

A
three inches = one foot
B
one and one half inch = one foot
C
three quarters inch = one foot
D
one half inch = one foot
E
one quarter inch = one foot
F
one eighth inch = one foot
10/22/2012 5:10:37 PM



2 photo looking north
not to scale

Note:
Asbestos Report is available from
Contacting Officer. Abatement work is not
included in this project.

Note:
Dimensions for existing building taken
from original building contract
documents, contractor to field verify
existing conditions prior to construction

ductwork to be
rerouted by owner



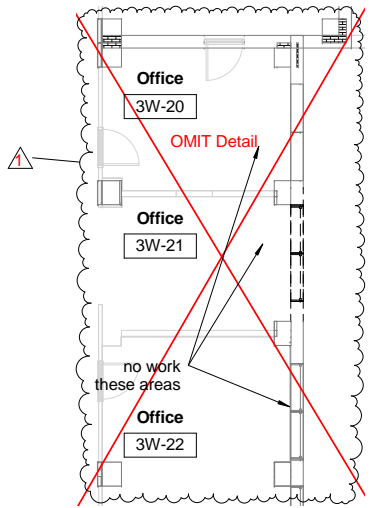
1 photo looking northeast
not to scale

replace precast coping
portion of east wall
to be removed
landscaping to be salvaged
and turned over to owner if
in conflict with new construction

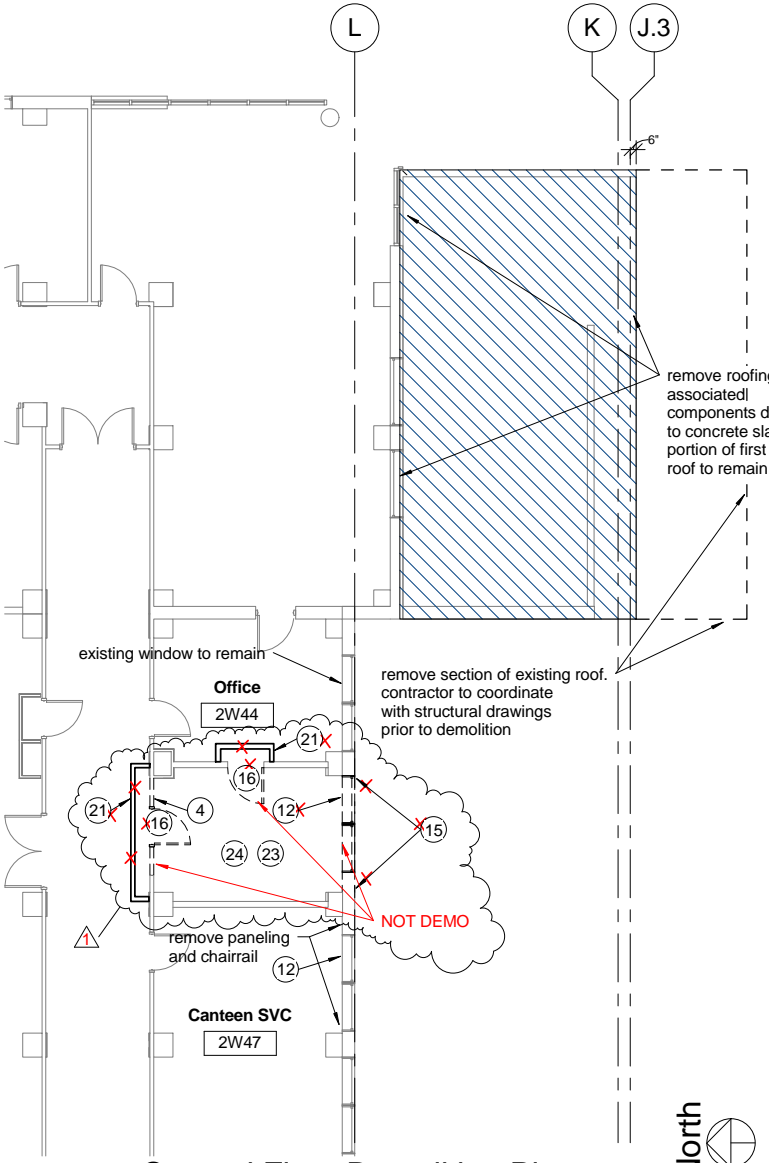


3 photo looking west
not to scale

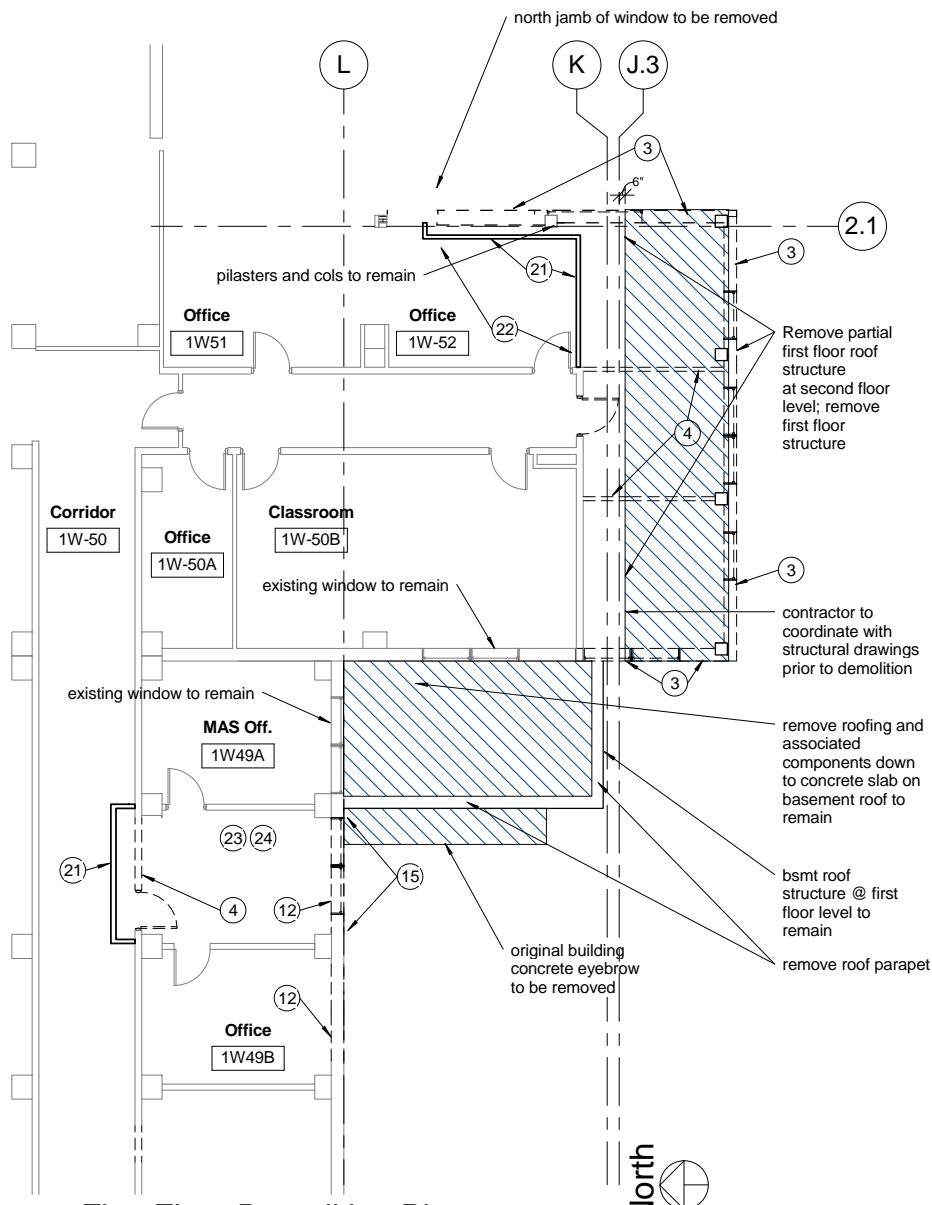
NOTE: REFER TO D101 FOR
DEMOLITION GENERAL NOTES
AND DEMOLITION KEY NOTES.



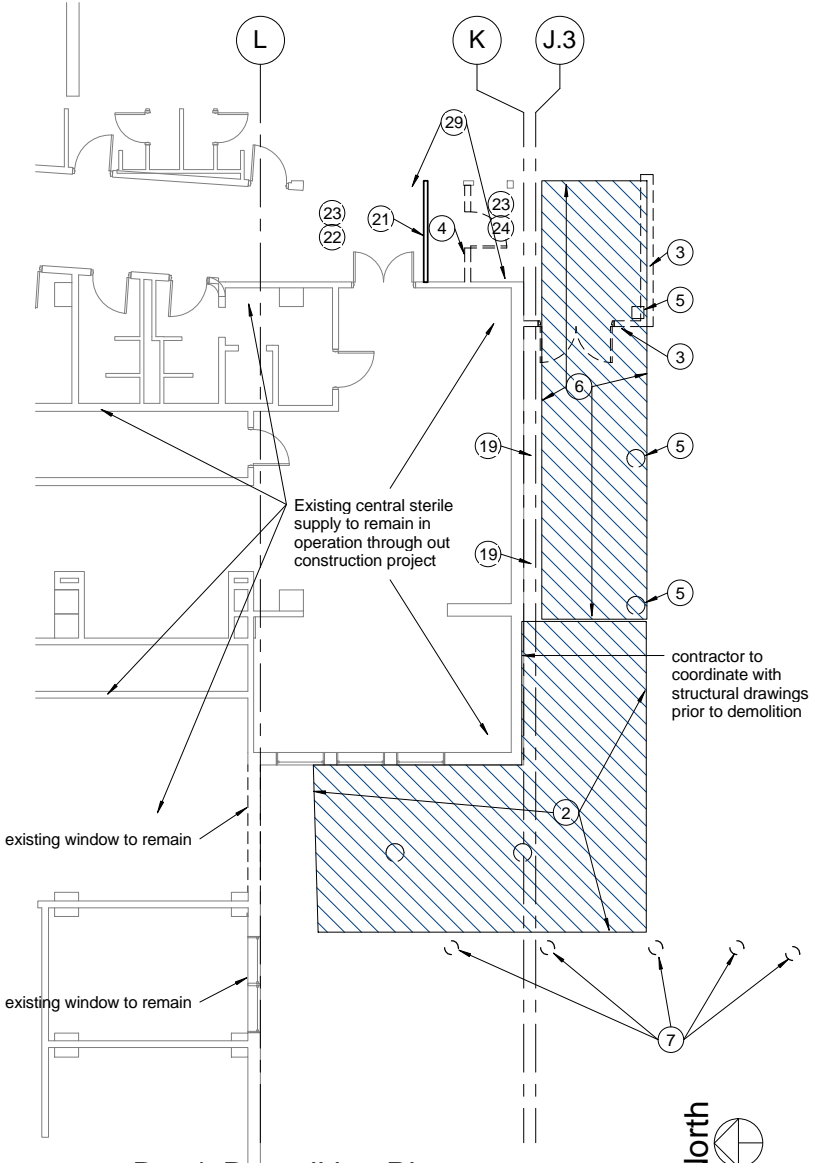
F1 Third Floor Demolition Plan
1/8" = 1'-0"



F2 Second Floor Demolition Plan
1/8" = 1'-0"



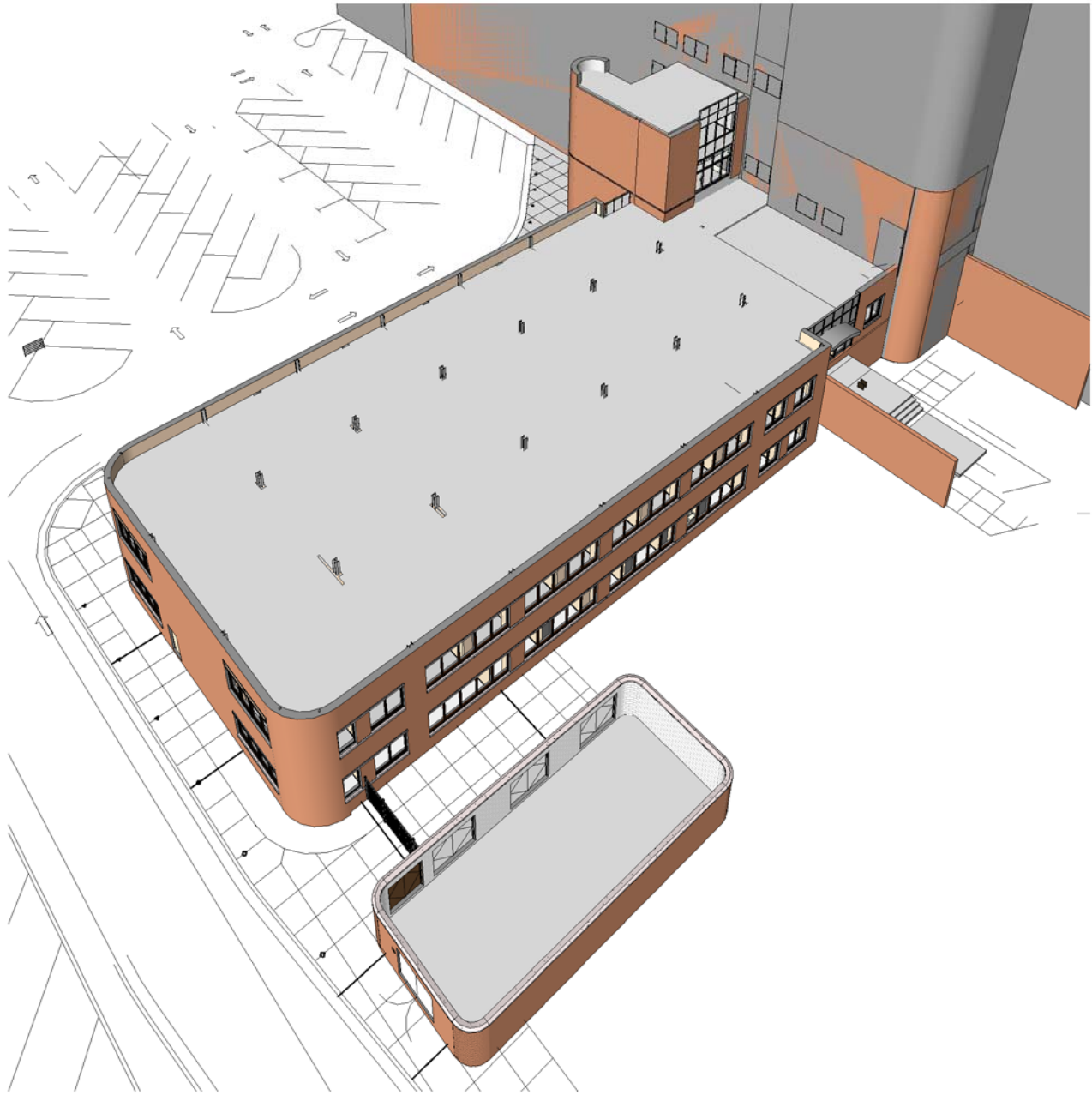
F4 First Floor Demolition Plan
1/8" = 1'-0"



F6 Bsm't Demolition Plan
1/8" = 1'-0"

REVISIONS		DATE	AS-BUILT DRAWINGS This document has been prepared based on As-Built information provided by others. Those relying on this document are advised to obtain independent verification of its accuracy before using it for any purpose.	CONSULTANTS: Jacobs Engineering JACOBS 10816 EXECUTIVE CENTER DRIVE, SUITE 300 LITTLE ROCK, ARKANSAS 72114-3883 PHONE (501) 223-0515 FAX (501) 223-2470 JACOBS PROJECT NO: F3W81800	ARCHITECT/ENGINEERS: Tompkins Architects, LLC 612 N.W. Kay Drive Lee's Summit, Missouri 64063 Phone: (816) 525-9833 Fax: (816) 524-9005 Email: jet@tom-arch.com STUCK associates ARCHITECTS Phone: (501) 378-0959 1308 South Main Street Little Rock, Arkansas 72202	Drawing Title Bsm't, First, Second & Third Floor Demolition Plans		Project Title Outpatient Mental Health Improvements Overton Brooks Veterans Administration Medical Center		Project Number 667-081	Office of Facility Management 100% Submittal
RFI, #3 - 01/07/10		01/20/10				Approved: Project Director		Location Shreveport, Louisiana		Building Number Bldg. 1, South Wing	
						Date 01/20/2010		Checked Checker		Drawing Number D102	
								Drawn Author		Dwg. 10 of 123	

A
three inches = one foot
B
one and one half inch = one foot
C
three quarters inch = one foot
D
one half inch = one foot
E
one quarter inch = one foot
F
one eighth inch = one foot
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1 View from Southeast

As-Built Review Set 07.25.2012

REVISIONS		DATE
1	"As-Built" Document Revisions	07/18/12

AS-BUILT DRAWINGS
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JACOBS PROJECT NO: F3W81800

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STUCK
associates
ARCHITECTS
Phone: (501) 378-0959 1308 South Main Street
www.stuckarch.com Little Rock, Arkansas 72202

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C102	Grading, Paving and Utilities	A201	East Building Elevations	A202	South Building Elevations	A203	West Building Elevations	A204	Building Sections	A301	Stair #1 & Elevator	A302	Stair #1 & Elevator Sections	A303	Stair #2	A401	Basement Reflected Ceiling Plan
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		S701	CANOPY AND STAIR FRAMING PLANS	M001	GENERAL NOTES AND SCHEDULES	M002	GENERAL NOTES AND SCHEDULES	MD101	MECHANICAL DEMOLITION PLANS AND EXISTING PLANS	M101	MECHANICAL HVAC BASEMENT PLAN	M102	MECHANICAL HVAC FIRST FLOOR PLAN	M103	MECHANICAL HVAC SECOND FLOOR - ROOF PLAN	M104	MECHANICAL HVAC AND PIPING THIRD FLOOR AND ROOF PLAN
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ELECTRICAL CONDUIT ROUTING PLANS
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ED101
ELECTRICAL DEMOLITION PLAN
ES101
ELECTRICAL SITE PLAN
FIRE SPRINKLER SYSTEM - OWNER FURNISHED
LAWN SPRINKLER SYSTEM - OWNER FURNISHED

STATEMENT OF RESPONSIBILITY

I hereby state that the drawings intended to be authenticated by my seal are limited to the following:

G101	Cover Sheet	A603	Wall Sections
C101	Architectural Site Plan	A604	Wall Sections
C103	Site Layout	A605	Canopy Plans & Elevations
C104	Site Details	A607	Wall Sections & Details
C105	Site Details	A608	Details
D101	Site Demolition	A609	Entry Details
D102	Bsm't, First, Second, & Third, Floor Demolition Plans	A610	Partition Sections
A101	Basement Plan	A701	Enlarged Plans & Interior Elevations
A102	Basement Paint & Floor Pattern Plan	A702	Enlarged Plans & Interior Elevations
A111	First Floor Plan	A703	Mechanical Enclosure
A112	First Floor Paint & Floor Pattern Plan	A704	Enlarged Plans & Interior Elevations
A121	Second Floor Plan / Roof Plan	A705	Interior Elevations
A122	Roof Details	A801	Doors & Windows
A123	Roof Details	A802	Door Schedule
A124	Roof Details	A901	Signage Plan
A201	East Building Elevations	A902	Signage Plan
A202	South Building Elevations	A903	Signage Plan
A203	West Building Elevations		
A204	Building Sections		
A301	Stair #1 & Elevator		
A302	Stair #1 & Elevator Sections		
A303	Stair #2		
A401	Basement Reflected Ceiling Plan		
A411	First, Second & Third Floor Reflected Ceiling Plans		
A601	Wall Sections		
A602	Wall Sections		

I hereby disclaim any responsibility for all other drawings, estimates, reports and other documents or instruments relating to or intended to be used for any part or parts of the Architectural or EngineeringProject or Survey.

Recommended Approvals			
Medical Center Director:	Chief OI & T:	Facility Planner:	
Associate Director:	Infection Control:	COTR	
Chief of Staff:	Safety Manager:		
Nurse Executives:	Chief Engineering Service:		
Chief Mental Health Service:	Chief EMS:		
Drawing Title	Project Title	Project Number	Office of Facility Management 100% Submittal
Cover Sheet	Outpatient Mental Health Improvements Overton Brooks Veterans Administration Medical Center	667-081	
Approved: Project Director	Location	Building Number Bldg. 1, South Wing	
	Shreveport, Louisiana	Drawing Number G101 Dwg. 1 of 123	
Date	01/20/2010	Checked	GC
Drawn	KW		

Symbol Legend

	Detail Callout (Detail #/ Sheet #)
	Level marker (Level name/ Elevation in feet)
	Window Tag (Window Type #)
	Door Tag (Door Type #)
	Room Name and Number
	Keynote

Outpatient Mental Health Improvements Overton Brooks Veterans Administration Medical Center

NOTES:

1. LOUISIANA ONE CALL NOTIFICATION PROGRAM. IN ORDER TO FACILITATE ITS PURPOSE, L.R.S. 40:1749.13 STATES THAT NO PERSON SHALL EXCAVATE OR DEMOLISH WITHOUT FIRST ASCERTAINING THE LOCATION OF UNDERGROUND UTILITIES BY SERVING TELEPHONIC NOTICE TO A REGIONAL NOTIFICATION PROGRAM. IN THE STATE OF LOUISIANA, THE REGIONAL NOTIFICATION PROGRAM IS LOUISIANA ONE CALL (FORMERLY DOTTIE). IN ORDER TO SERVE NOTICE OF EXCAVATION, THIS PROGRAM CAN BE REACHED BY CALLING 1-800-272-3020.
2. CAUTION: ALL UTILITY INFORMATION IS BASED ON UTILITY MAP PROVIDED BY THE VETERANS ADMINISTRATION. FIELD VERIFY UTILITY LOCATIONS PRIOR TO CONSTRUCTION.



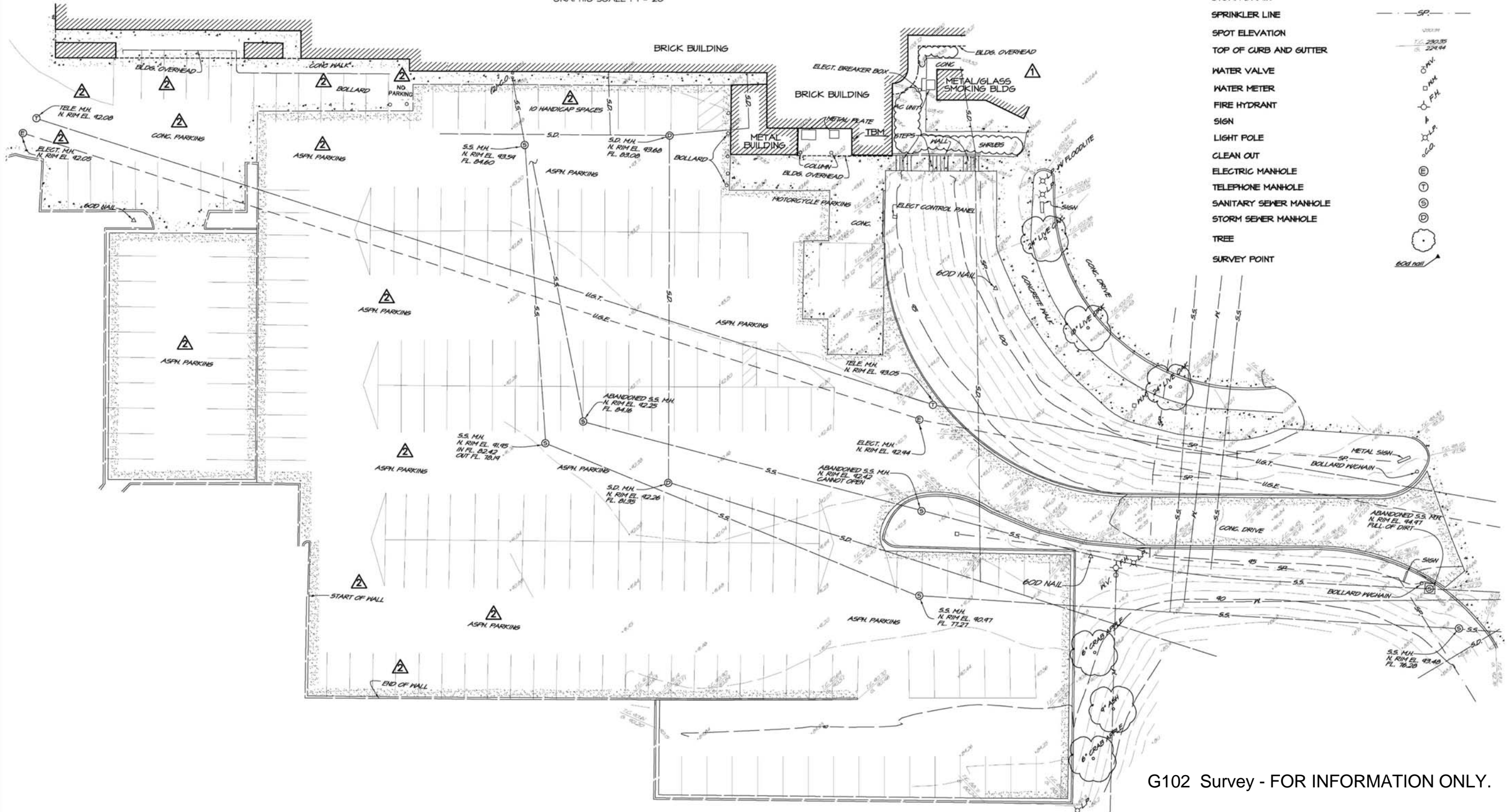
T.B.M.
FINISH FLOOR OF BUILDING
SEE PLAN FOR LOCATION
ASSUMED ELEVATION 94.00

NOTE:
FINISH FLOOR OF BUILDING
AT LOBBY
ELEVATION 106.21

LEGEND

EXISTING

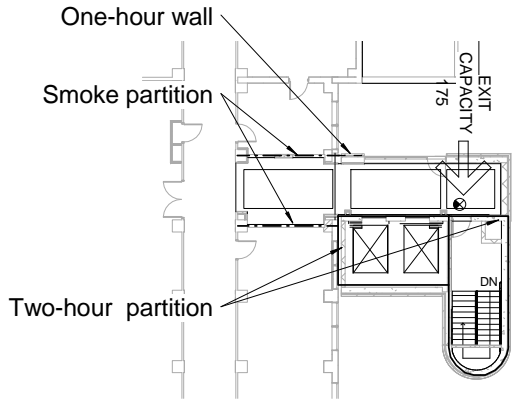
BUILDING
ASPHALT SURFACE
CONCRETE SURFACE
CONCRETE CURB AND GUTTER
SANITARY SEWER
WATER LINE
GAS LINE
UNDERGROUND ELECTRIC
UNDERGROUND TELEPHONE
STORM DRAIN
SPRINKLER LINE
SPOT ELEVATION
TOP OF CURB AND GUTTER
WATER VALVE
WATER METER
FIRE HYDRANT
SIGN
LIGHT POLE
CLEAN OUT
ELECTRIC MANHOLE
TELEPHONE MANHOLE
SANITARY SEWER MANHOLE
STORM SEWER MANHOLE
TREE
SURVEY POINT



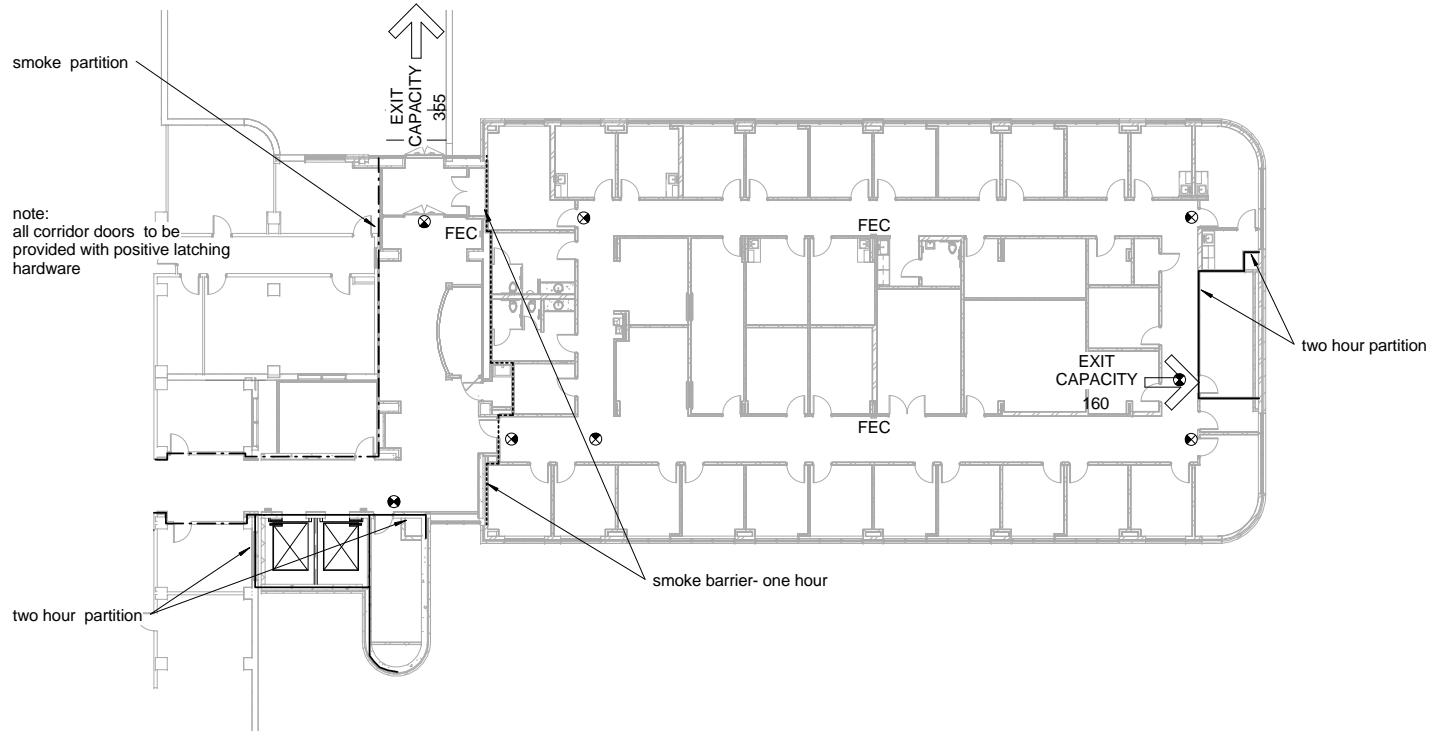
G102 Survey - FOR INFORMATION ONLY.



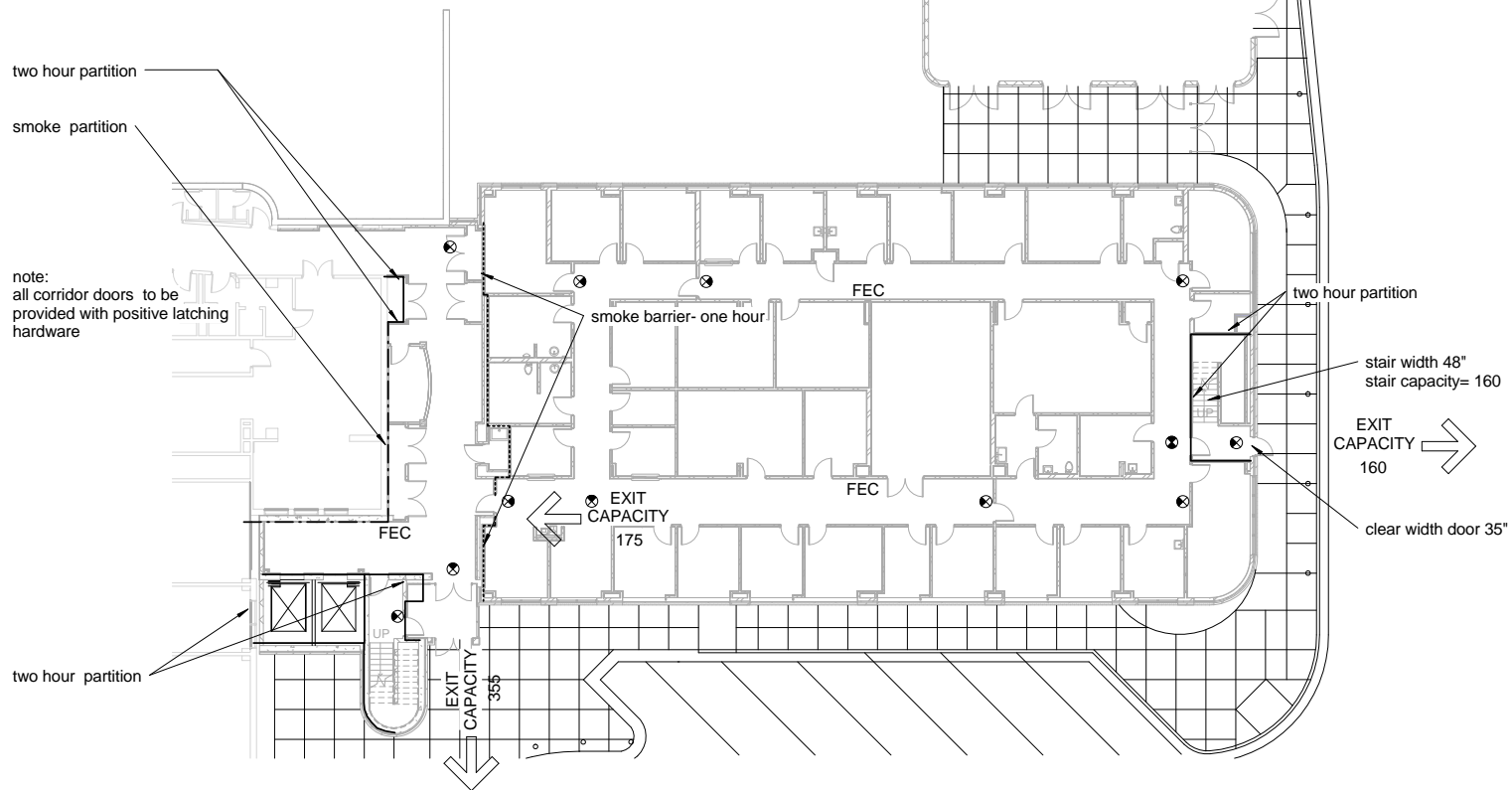
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three quarters inch = one foot
D
one half inch = one foot
E
one quarter inch = one foot
F
one eighth inch = one foot
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C1 Second Floor / Roof Life Safety Plan
1/16" = 1'-0"



C3 First Floor Life Safety Plan
1/16" = 1'-0"



F3 Basement Life Safety Plan
1/16" = 1'-0"

Code Analysis

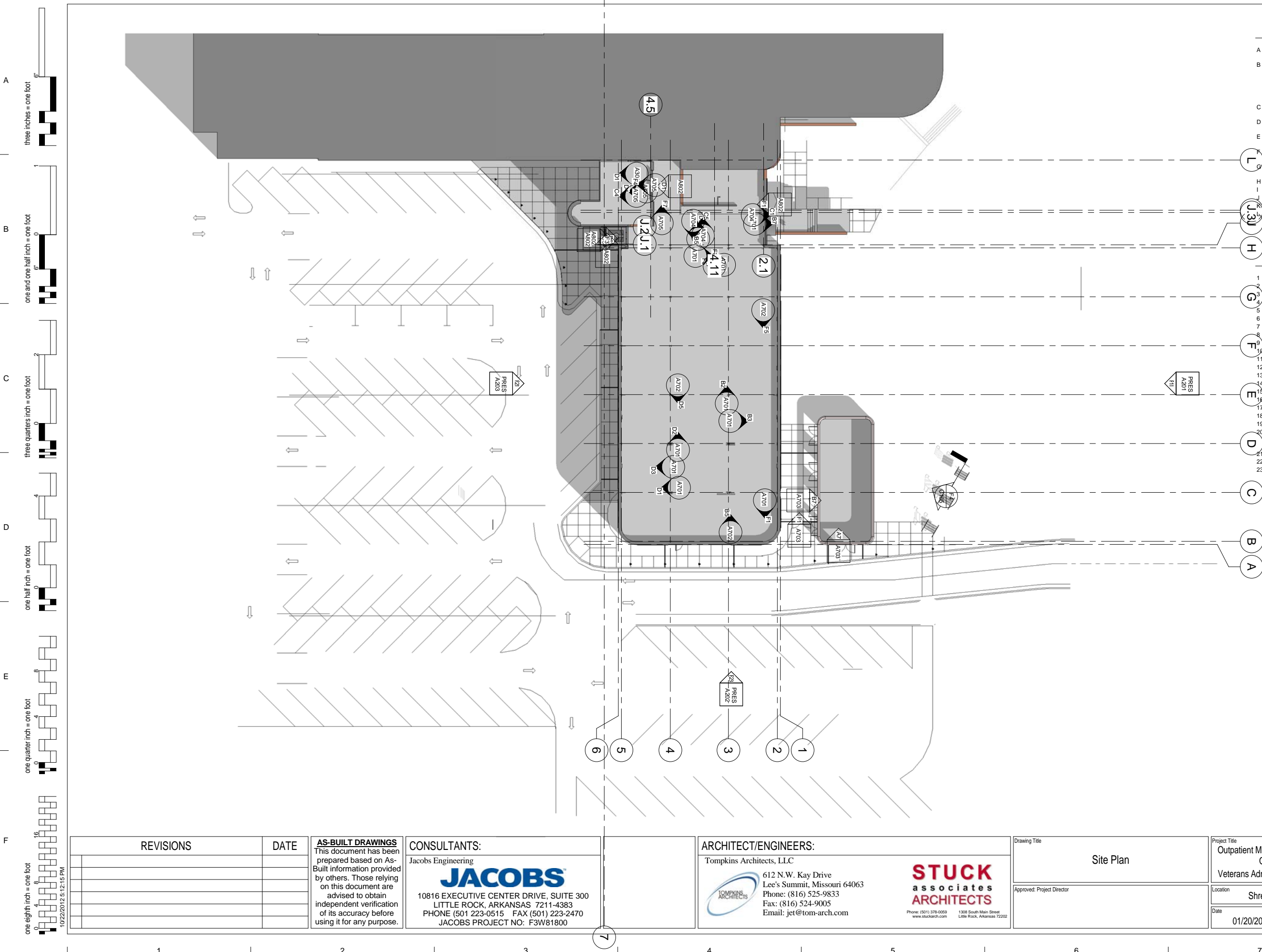
2006 Life Safety Code	
Occupancy Classifications:	New Addition to Existing Health Care Occupancy
Existing Health Care Occupancy is in compliance with Life Safety Code, Chapter 19.	
Occupancy Load (Table 7.3.1.2):	100 gross sf/occupant (health care)
Basement	10358 sf/100 = 104 occupants
First Floor	10358 sf/100 = 104 occupants
Second Floor	850 sf/100 = 9 occupants
Third Floor	850 sf/100 = 9 occupants
Second floor (future)	8810 sf/100= 89 occupants
Third Floor (future)	8810 sf/100= 89 occupants
Fourth Floor (future)	9660 sf/100 = 97 occupants
Fifth Floor (future)	9660 sf/100 = 97 occupants
Sixth Floor (future)	850 sf/100 = 9 occupants
Seventh Floor (future)	850 sf/100 = 9 occupants
Eighth Floor (future)	850 sf/100 = 9 occupants
Ninth Floor (future)	850 sf/100 = 9 occupants
Construction (18.1.6.4):	Type I (332); Type IA IBC
Allowable Height (Table 503 IBC):	UL
Allowable Area (Table 503 IBC):	UL
Required Ratings (Table A.8.2.1.2):	
Bearing Walls	3 hour
Structural Frame	3 hour
Floor Construction	2 hour
Roof Construction	1 1/2 hour
Cooridor Walls (18.3.6.2.3)	0 hour smoke partition
Stairs (8.6.5)	2 hour (4 floors)
Means of Egress:	
Egress Width (7.3.3.1)	
Stairs 0.3 inch/occupant served	
Other 0.2 inch/occupant served	
Exit Travel Distance (18.2.6.2.1)	150 ft.
Common Path of Travel (18.2.5.6.3.4(b))	200 ft
Corridor Width (18.2.3.5)	6 ft.
Door Width (18.3.7.7)	32 in
Dead End Corridor (18.2.5.2)	30 ft
Vertical Exit Enclosures (8.6.5)	2 hr.
Minimum Exits per Floor (18.2.4.1)	2
Minimum Stair Width (Table 7.2.2.2.1.2(b))	44 in.
Other:	
Positive latching at corridor doors	(18.3.6.3.5)

note: provide the following UL ratings:
floor assemblies D858 3 hours
beams N823 3 hours
columns X829 3 hours

Life Safety Legend

.....	Smoke Barrier- one hour rating
- - - - -	Smoke Partition
—————	Fire Rated Wall - 2 hr.
⊗	Exit Light
○ FE	Fire Extinguisher
FEC	Fire Extinguisher Cabinet
→ EXIT CAPACITY 150	Exit Direction & Capacity

REVISIONS	DATE	AS-BUILT DRAWINGS	CONSULTANTS:	ARCHITECT/ENGINEERS:	Drawing Title	Project Title	Project Number	Office of Facility Management
		This document has been prepared based on As-Built information provided by others. Those relying on this document are advised to obtain independent verification of its accuracy before using it for any purpose.	Jacobs Engineering JACOBS 10816 EXECUTIVE CENTER DRIVE, SUITE 300 LITTLE ROCK, ARKANSAS 72114-3883 PHONE (501) 223-0515 FAX (501) 223-2470 JACOBS PROJECT NO: F3W81800	Tompkins Architects, LLC 612 N.W. Kay Drive Lee's Summit, Missouri 64063 Phone: (816) 525-9833 Fax: (816) 524-9005 Email: jet@tom-arch.com STUCK associates ARCHITECTS Phone: (501) 378-0069 1308 South Main Street Little Rock, Arkansas 72202	Life Safety Plan	Outpatient Mental Health Improvements Overton Brooks Veterans Administration Medical Center	667-081	Office of Facility Management
					Approved: Project Director	Location Shreveport, Louisiana	Building Number Bldg. 1, South Wing	100% Submittal
						Date 01/20/2010	Checker Author	Dwg. 47 of 123



Site General Notes

- A Contractor shall accept site "as is" on the day the contract is awarded and provide fill and grading required to provide final grading as shown.
- B The approximate location of known subsurface structures and utilities (i.e. water, gas, power, phone, etc.) are shown on the plans for information only. The contractor shall be responsible for understanding the actual location of these and all other subsurface items prior to beginning construction. All repairs and relocation necessary shall be made in accordance with the utility company and the contract documents. The cost of these repairs and relocations shall be borne by the contractor.
- C Field Conditions encountered which necessitate revisions to utility layouts or grades shall be submitted in drawing form by the Contractor to the Architect for approval prior to execution.
- D Establish positive surface drainage before construction begins. Positive drainage shall be maintained through construction.
- E Unless noted otherwise, distances are to centerline of structure (manhole, catch basin, etc.) C.I. ring and cover shall be centered in top of structures.
- F Unless noted otherwise, any note, detail, or feature, indicated for one condition shall be applicable for all alike and similar conditions.
- G Areas not paved shall be seeded unless otherwise noted. Verify final placement of plants, shrubs and trees with Owner and Architect.
- H Services for storm water runoff are to be maintained during construction of new utilities.
- I Dimensions are to back of curb.
- J Provide 1/2" expansion joint filler where pavement abuts building.
- K All striping shall be yellow except for handicap spaces and symbols which shall be blue.
- L Splashblocks shall be provided at each downspout unless concrete is indicated at the base of the downspout.

Site Plan Key Notes

- 1 Handicap sign; Re: D7/ C105
- 2 NOT USED
- 3 New asphalt pavement to match elevation of existing pavement
- 4 Concrete curb and gutter, Re: B7/ C104
- 5 Pavement marking, Re: B1/ C105
- 6 Concrete walk; Re: F7/ C104
- 7 Expansion Joint
- 8 Standing concrete curb, Re: A7/ C104
- 9 Concrete steps Re: F3/ C105
- 10 Handicap curb cut, Re: F1/ C104
- 11 Flared end section, Re: C106
- 12 raise or lower rim of manhole cover to match new grade.
- 13 Bollard, re: F7/ C105
- 14 Storm sewer inlet, Re: C106
- 15 Mowing strip, Re: A3/ C104
- 16 concrete slab to match elevation of mowing strip
- 17 Curb inlet
- 18 fence and gate, Re: F1/ A703
- 19 Patch pavement where curb is to be removed
- 20 Repair and replace sprinkler piping disturbed by construction. Extend sprinkler system to planters south of building and to sodded area south of asphalt drive. Provide an additional head to be located by owner.
- 21 Two 8" PVC conduit for future work
- 22 Concrete drainage swale, re: B3/ C104
- 23 new junction box

REVISIONS	DATE

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PHONE (501) 223-0515 FAX (501) 223-2470
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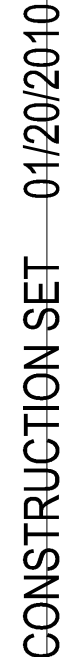
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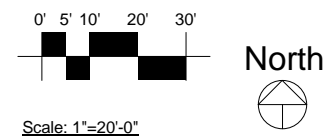
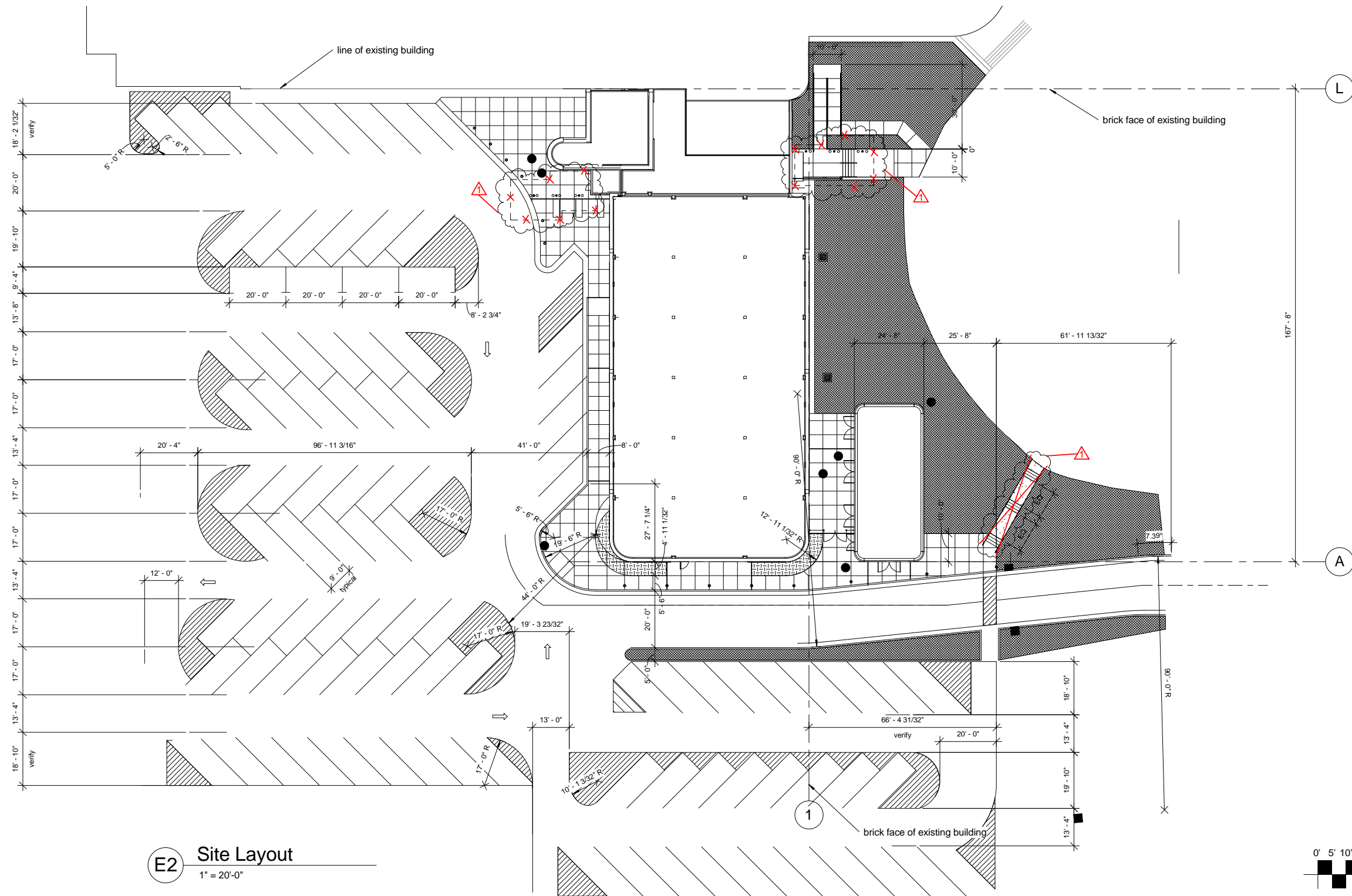
Drawing Title
Site Plan
Approved: Project Director





Project Title
**Outpatient Mental Health Improvements
Overton Brooks
Veterans Administration Medical Center**
Location
Shreveport, Louisiana
Date
01/20/2010
Checked
Checker
Drawn
Author

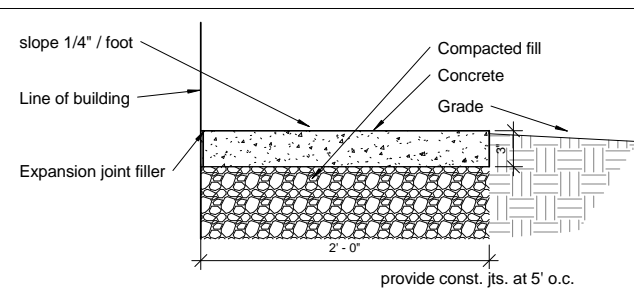
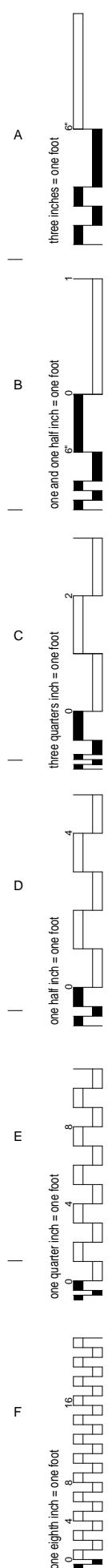
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667-081
Building Number
Bldg. 1, South Wing
Drawing Number
**PRES
C10123**

Office of
Facility
Management
100% Submittal

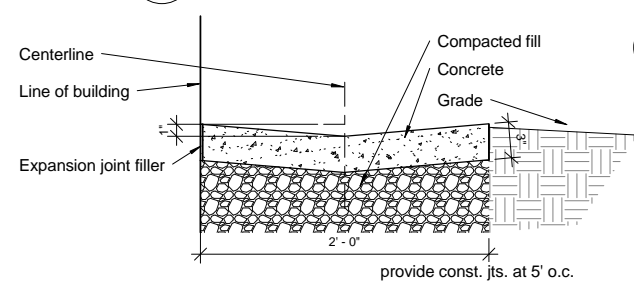




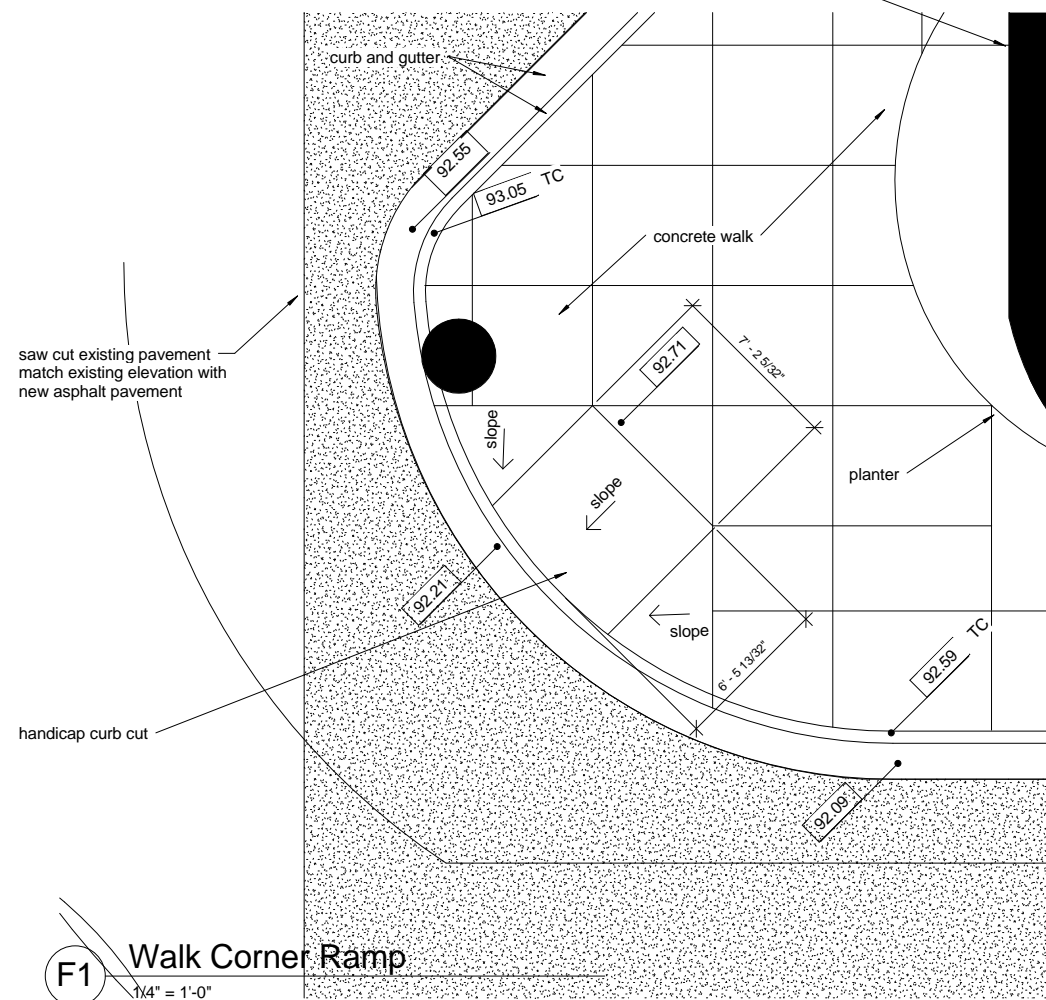
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 RFI, #4 - 01/07/10	01/20/10								
		Approved: Project Director	Location Shreveport, Louisiana	Building Number Bldg. 1, South Wing	Drawing Number C103 Dwg. 5 of 123	100% Submittal			
		Date 01/20/2010	Checked Checker	Drawn Author					



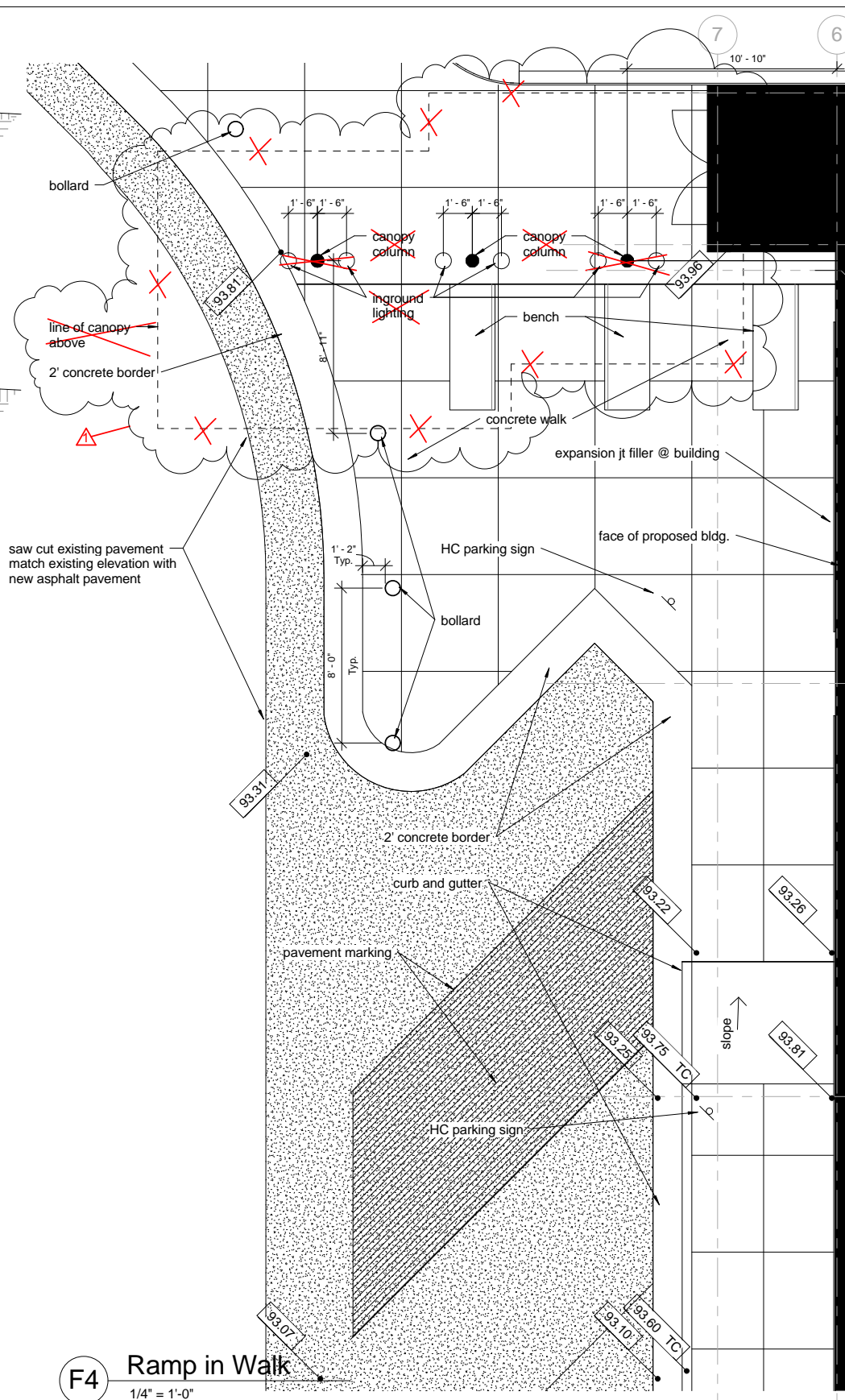
A3 Mow Strip
1 1/2" = 1'-0"



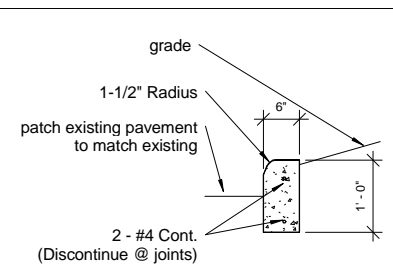
B3 **Drainage Swale**
1 1/2" = 1'-0"
face of proposed bldg



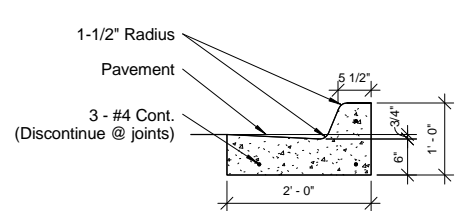
F1 Walk Corner Ramp
1/4" = 1'-0"



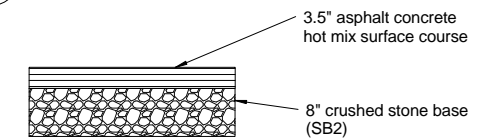
F4 Ramp in Walk
1/4" = 1'-0"



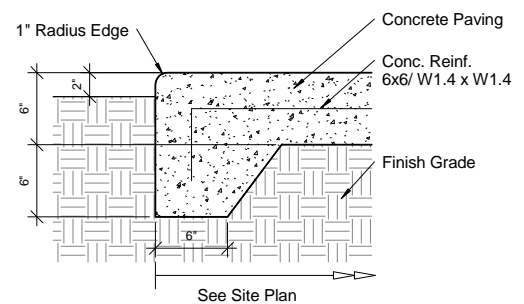
A7 Standing Curb Detail
3/4" = 1'-0"



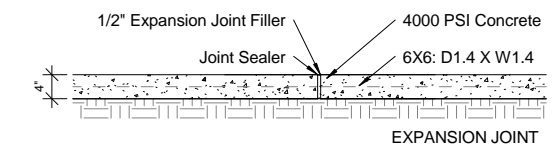
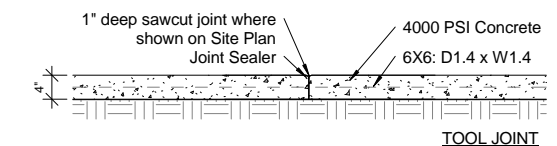
B7 Concrete Curb & Gutter Detail
3/4" = 1'-0"



C7 Asphalt Pavement Section
3/4" = 1'-0"



D7 Walk Edge Detail
1 1/2" = 1'-0"



Note: Provide exp. joints 40' O.C. max. and at all sidewalk intersections

F7 Walk Detail
3/4" = 1'-0"

REVISIONS		DATE
▲	RFI, #4 - 01/07/10	01/20/10

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JACOBS

10816 EXECUTIVE CENTER DRIVE, SUITE 300
LITTLE ROCK, ARKANSAS 72114-4383
PHONE (501) 223-0515 FAX (501) 223-2470
JACOBS PROJECT NO: F3W81800

ARCHITECT/ENGINEERS:
 Tompkins Architects, LLC

STUCK
associates
ARCHITECTS
Phone: (501) 378-0059 1308 South Main Street
Little Rock, Arkansas 72202

Drawing Title	Site Details
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Approved: Project Director

Project Title	Outpatient Mental Health Improvements Overton Brooks Veterans Administration Medical Center
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Location	Shreveport, Louisiana		
Date	Checked	Dra	

Project Number
667-081

Building Number
Bldg. 1, South Wing

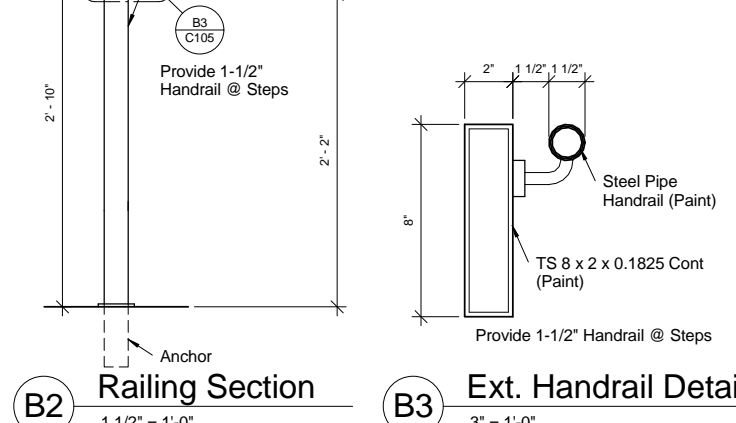
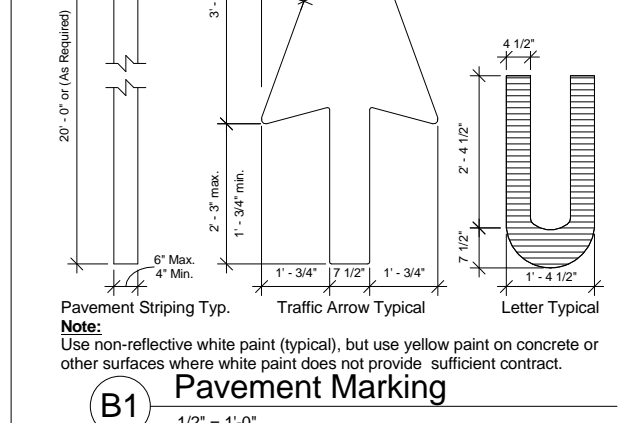
Drawing Number
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Office of
Facility
Management

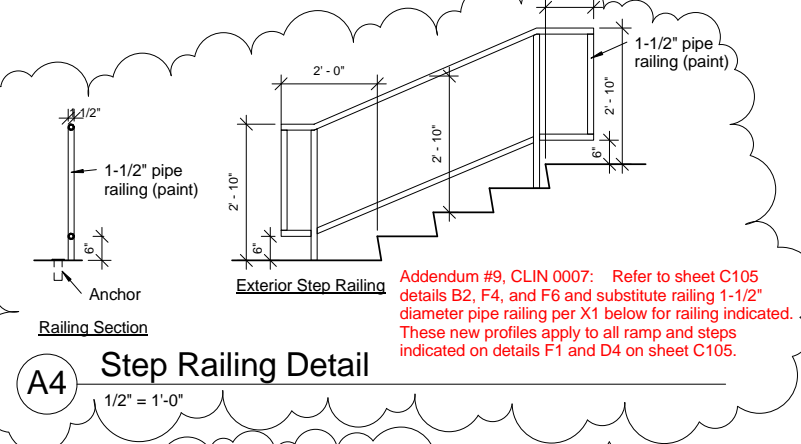
100% Submittal

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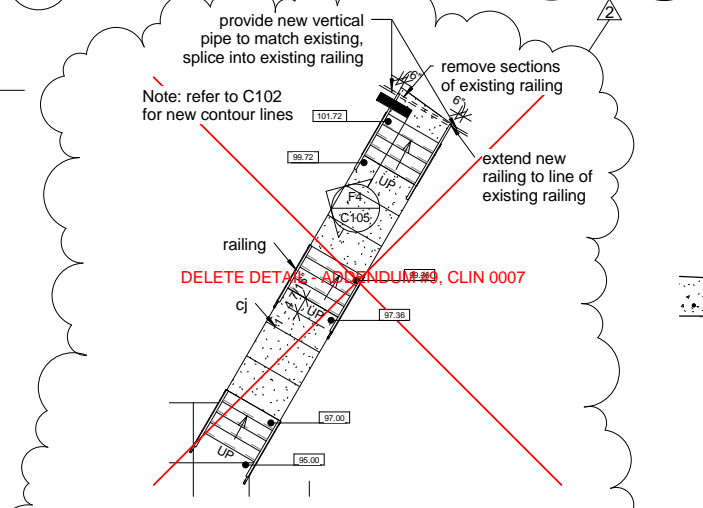
three inches = one foot
one and one half inch = one foot
three quarters inch = one foot
one half inch = one foot
one quarter inch = one foot
one eighth inch = one foot



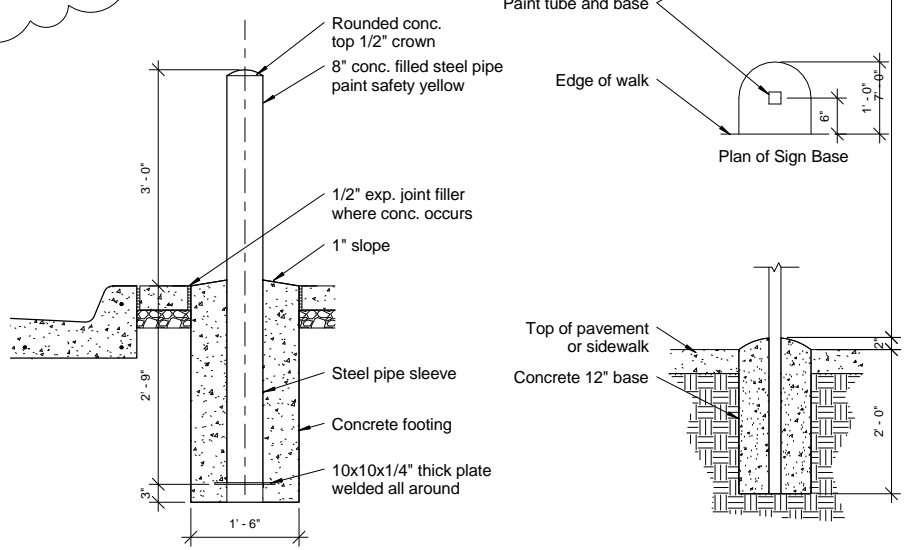
A4 Step Railing Detail
1/2" = 1'-0"



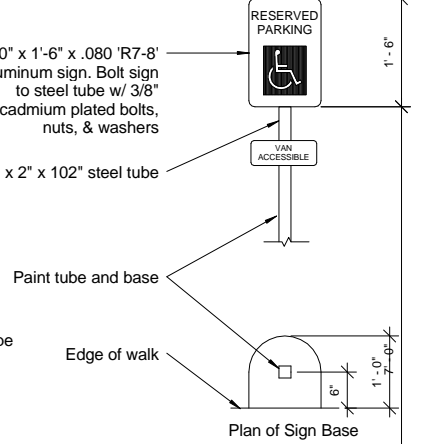
D4 Plan @ Concrete Steps
1/8" = 1'-0"



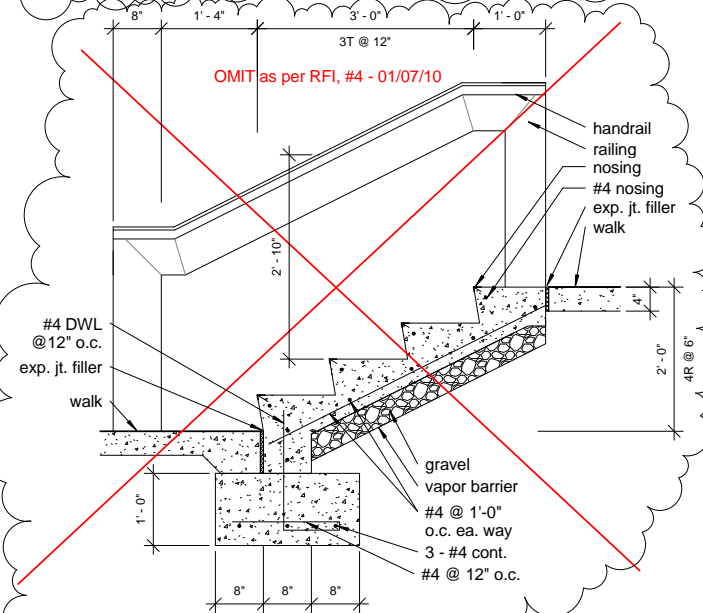
D6 Bollard Detail
3/4" = 1'-0"



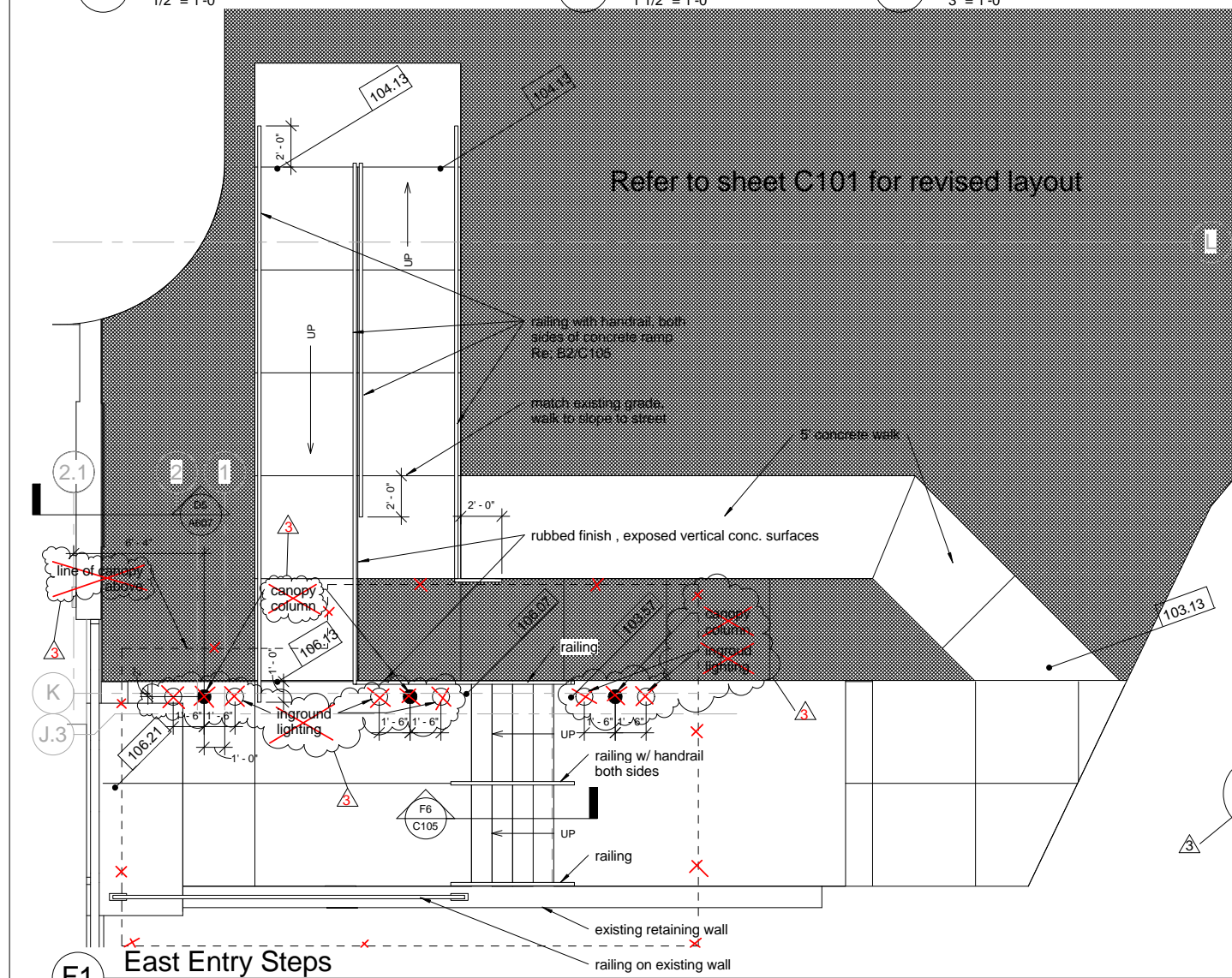
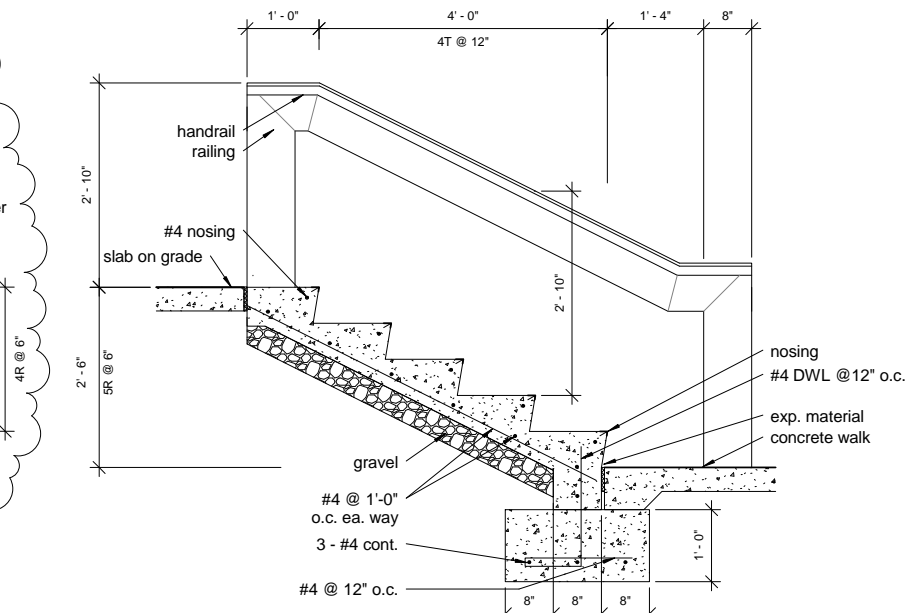
D7 H.C. Signage
3/4" = 1'-0"



F4 Exterior Step Section
3/4" = 1'-0"



F6 East Entry Step Section
3/4" = 1'-0"



REVISIONS		DATE	AS-BUILT DRAWINGS This document has been prepared based on As-Built information provided by others. Those relying on this document are advised to obtain independent verification of its accuracy before using it for any purpose.	CONSULTANTS: Jacobs Engineering JACOBS 10816 EXECUTIVE CENTER DRIVE, SUITE 300 LITTLE ROCK, ARKANSAS 7211-4383 PHONE (501) 223-0515 FAX (501) 223-2470 JACOBS PROJECT NO: F3W81800	ARCHITECT/ENGINEERS: Tompkins Architects, LLC  612 N.W. Kay Drive Lee's Summit, Missouri 64063 Phone: (816) 525-9833 Fax: (816) 524-9005 Email: jet@tom-arch.com  STUCK associates ARCHITECTS Phone: (501) 378-0059 www.stuckarch.com 1308 South Main Street Little Rock, Arkansas 72202	Drawing Title Site Details	Project Title Outpatient Mental Health Improvements Overton Brooks Veterans Administration Medical Center	Project Number 667-081	Office of Facility Management	
1	Addendum #9, CLIN 0007 - 08/26/2009	11/24/09								Building Number Bldg. 1, South Wing
2	Addendum #9 - 08/26/09	11/24/09								
3	RFI, #4 - 01/07/10	01/20/10								
						Approved: Project Director	Location Shreveport, Louisiana	Drawing Number C105 Dwg. 7 of 123	100% Submittal	
			Date 01/20/2010	Checked Checker	Drawn Author					

three inches = one foot

one and one half inch = one foot

three quarters inch = one foot

one half inch = one foot

one quarter inch = one foot

one eighth inch = one foot

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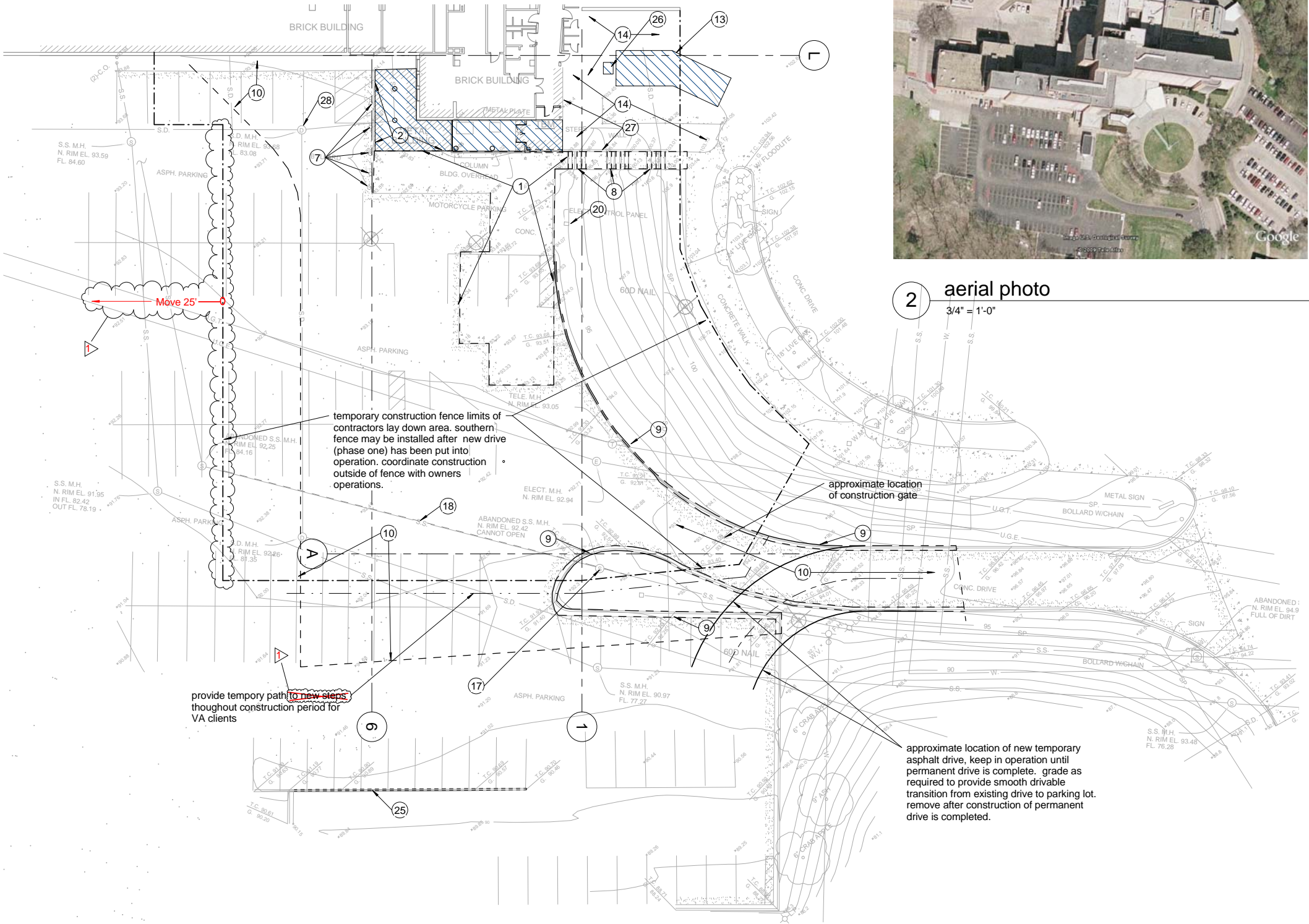
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2 aerial photo
3/4" = 1'-0"

Demolition General Notes

- A Areas to be removed are shown only as an approximation. The General Contractor is responsible for all demolition or relocation on drawings.
- B The Contractor shall verify information shown as existing and report any discrepancies.
- C Prior to demolition, the General contractor will notify the Owner in sufficient time to salvage miscellaneous items before demolition work commences.
- D All flooring (VCT, carpet, conductive tile, etc.) designated by note shall be removed to concrete slab or terrazzo flooring.
- E The ceiling (gypsum board, acoustical tile, sprayed-on texture, etc.) including associated ceiling devices and fixtures (ceiling grid, mechanical, electrical, plumbing items, etc.) designated by note shall be removed. See Mechanical, Electrical, and Plumbing demolition plans for more information.
- F All walls (metal stud partitions, hollow clay tile, etc.) including associated devices and fixtures (windows, frames, finishes, toilet partitions & accessories, mechanical, electrical and plumbing fixtures, etc.) designated by note shall be removed. See Mechanical, Electrical, and Plumbing demolition plans for additional information.
- G During demolition, if asbestos or lead paint is found, notify Architect immediately & removal will be provided by Owner (or separate Contractor).
- H Remove miscellaneous items (Architectural, Electrical, Mechanical, Plumbing, etc.) on walls designated to be moved.
- I Provide dust barriers, both floor and ceiling, to isolate demolition and construction work from occupied portions of the building.

Demolition Key Notes

- 1 remove concrete slab
- 2 remove single story metal building structure including slab and foundations
- 3 remove section of exterior wall associated doors, windows, and mechanical and electrical components.
- 4 remove partition and associated mechanical and electrical components.
- 5 remove concrete column
- 6 remove section of concrete floor structure
- 7 remove ballards
- 8 remove concrete steps, landings, railings, and associated walks
- 9 remove concrete curb and associated gutter sections
- 10 remove asphalt pavement, saw cut perimeter.
- 11 not used
- 12 window to remain, remove convection unit cover below window.
- 13 remove prefab metal canopy structure including slab, note that slab to be removed is larger than the prefab structure to be removed
- 14 salvage landscaping this area if in conflict with new construction. turn over to owner
- 15 remove exterior wall as required for corridor extension
- 16 remove door and frame
- 17 remove abandoned sanitary sewer manhole
- 18 existing abandoned sanitary sewer lines under new construction
- 19 remove steel plate floor grate. maintain opening until "pipe chase BS-93" is usable for access to sub basement.
- 20 control panel to be removed, refer to electrical
- 21 dust partition, re: sheet A610
- 22 remove portion of ceiling system and reinstall as required to accommodate new construction
- 23 remove existing flooring and base to original terrazzo flooring
- 24 remove existing ceiling system
- 25 remove standing concrete curb
- 26 remove AC unit and associated slab serving smoking shed
- 27 relocate and or remove exposed conduits, refer to electrical plans.
- 28 relocate drainage lines at existing manhole. cap existing manhole.
- 29 remove auto door controls and associated chases and construction



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RFI, #3 - 01/07/2010		01/20/2010					Building Number Bldg. 1, South Wing					
							Location Shreveport, Louisiana			Drawing Number D101		
							Date 01/20/2010	Checked Checker	Drawn GRC	Dwg. 9 of 123		

A
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one and one half inch = one foot
C
three quarters inch = one foot
D
one half inch = one foot
E
one quarter inch = one foot
F
one eighth inch = one foot
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2 photo looking north
not to scale

Note:
Asbestos Report is available from
Contacting Officer. Abatement work is not
included in this project.

Note:
Dimensions for existing building taken
from original building contract
documents, contractor to field verify
existing conditions prior to construction

ductwork to be
rerouted by owner



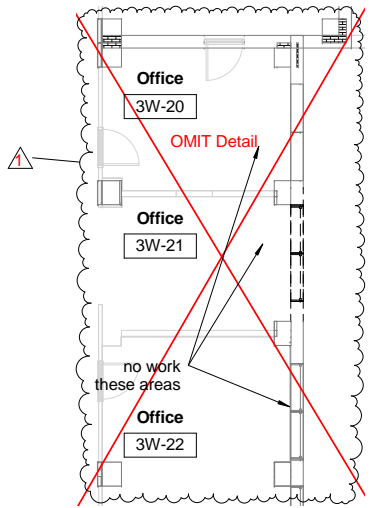
1 photo looking northeast
not to scale

replace precast coping
portion of east wall
to be removed
landscaping to be salvaged
and turned over to owner if
in conflict with new construction

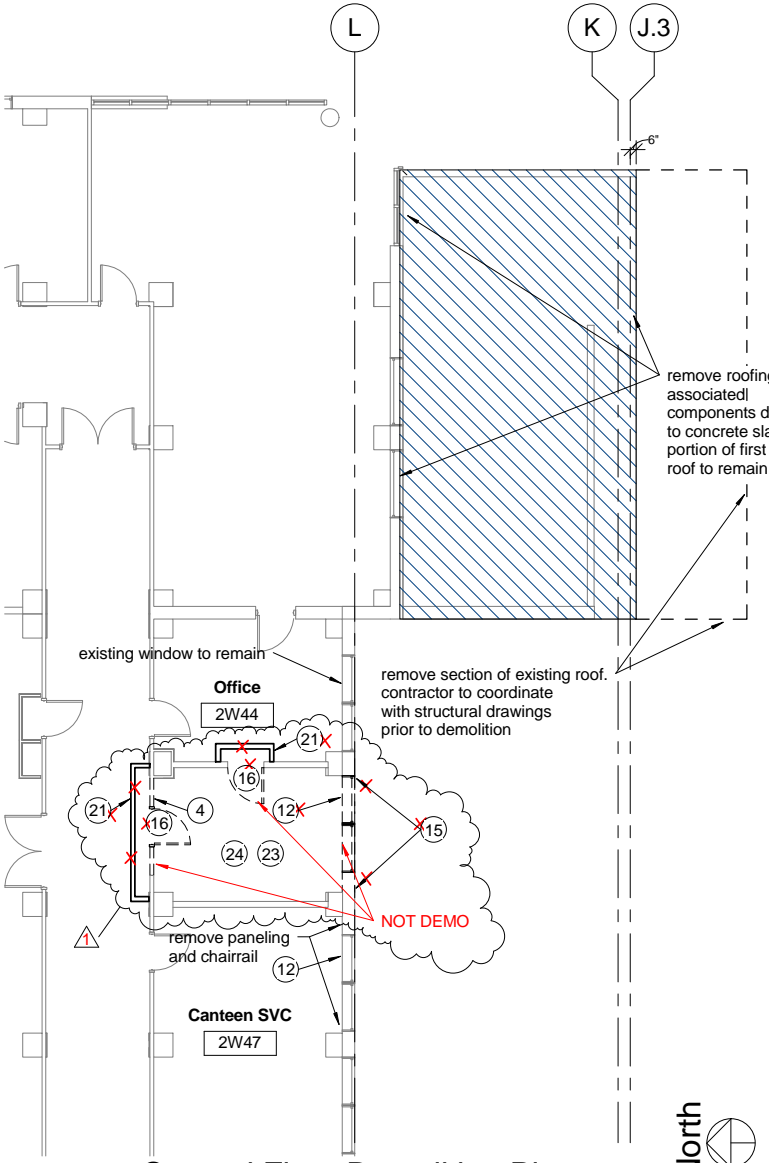


3 photo looking west
not to scale

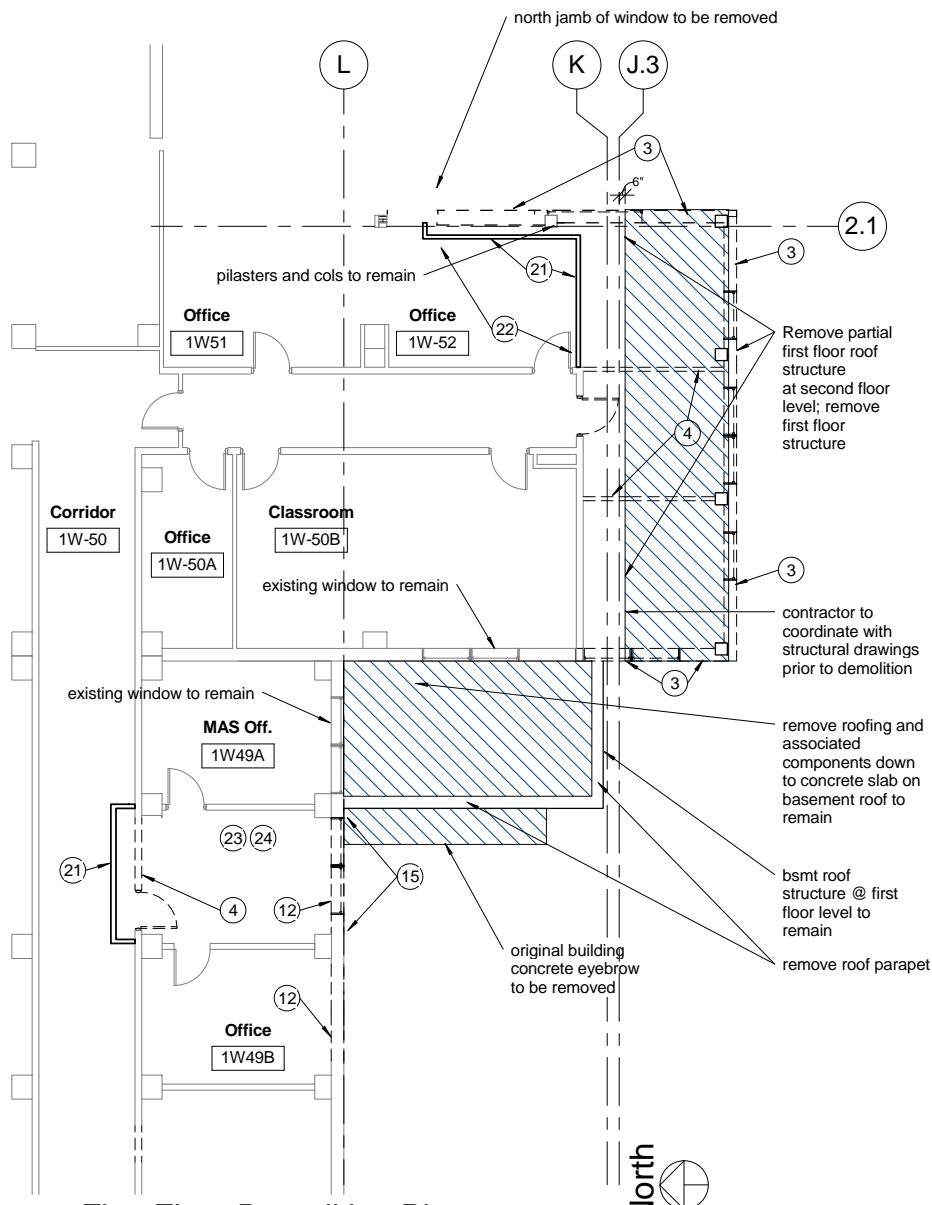
NOTE: REFER TO D101 FOR
DEMOLITION GENERAL NOTES
AND DEMOLITION KEY NOTES.



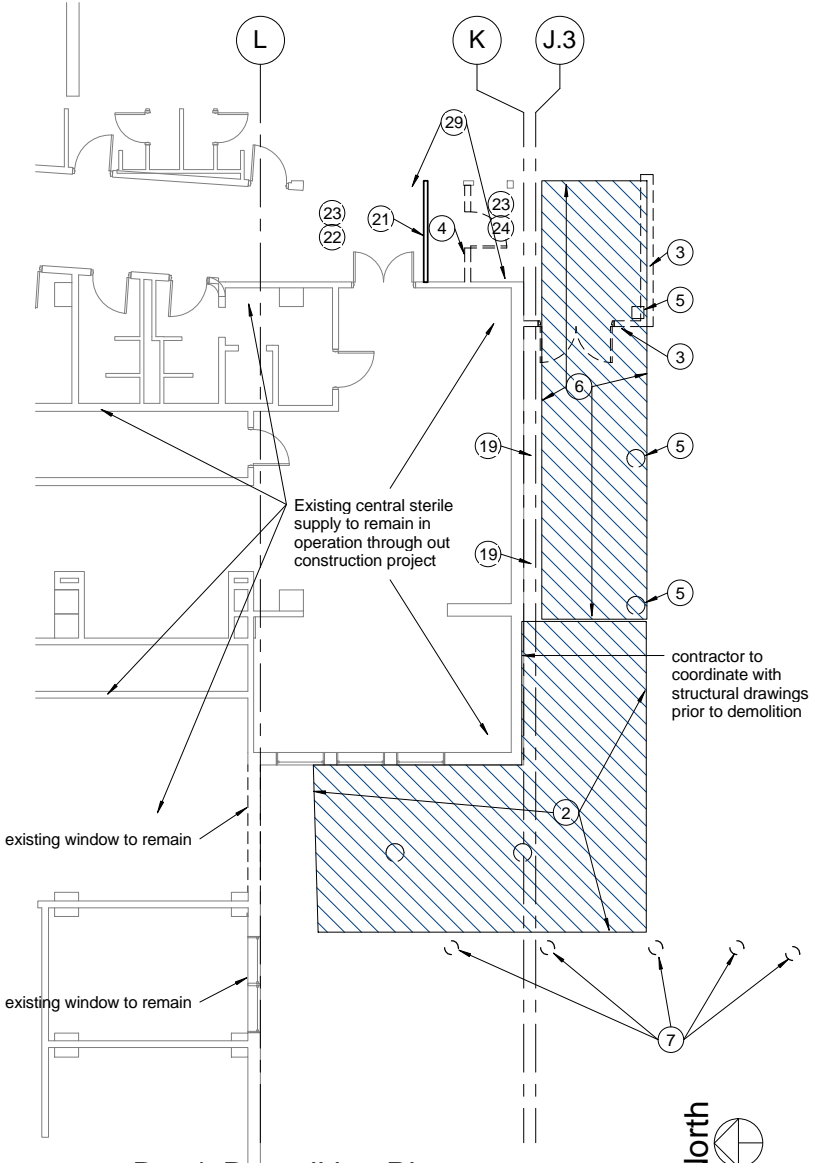
F1 Third Floor Demolition Plan
1/8" = 1'-0"



F2 Second Floor Demolition Plan
1/8" = 1'-0"



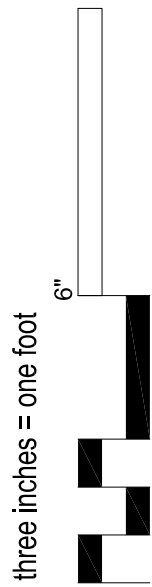
F4 First Floor Demolition Plan
1/8" = 1'-0"



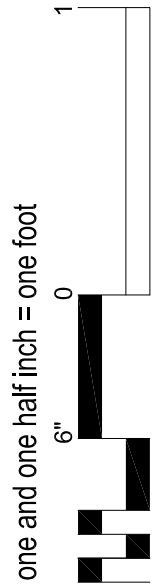
F6 Bsm't Demolition Plan
1/8" = 1'-0"

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RFI, #3 - 01/07/10		01/20/10							

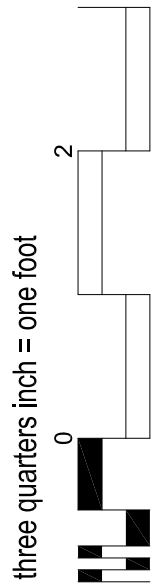
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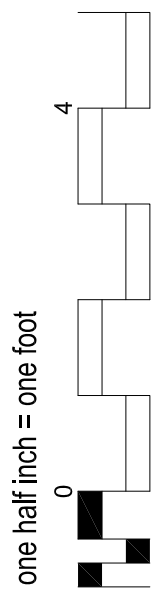
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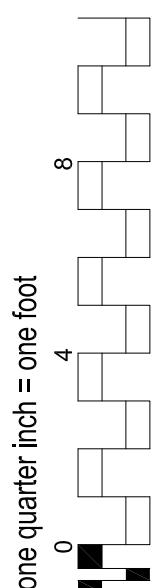
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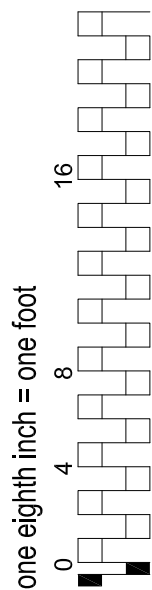
D



E



F



01 January, 2000

SYMBOLS SCHEDULE	
SYMBOL	DESCRIPTION
	FLUORESCENT LIGHT FIXTURE – CEILING MOUNTED
	FLUORESCENT LIGHT FIXTURE WITH SELF CONTAINED BATTERY PACK OR ON EMERGENCY CIRCUIT. (AS SHOWN)
	FLUORESCENT STRIP LIGHT – CEILING MOUNTED OR CHAIN HUNG.
	FLUORESCENT STRIP LIGHT – ON EMERGENCY POWER CIRCUIT.
	FLUORESCENT STRIP LIGHT – WALL MOUNTED
	FLUORESCENT LIGHT FIXTURE – WALL MOUNTED
	INCANDESCENT, FLUORESCENT, OR HID DOWNLIGHT FIXTURE – CEILING MOUNTED
	INCANDESCENT, FLUORESCENT, OR HID DOWNLIGHT EGRESS FIXTURE
	INCANDESCENT, FLUORESCENT, OR HID LIGHT FIXTURE – WALL MOUNTED
	WALL SCONCE
	TRACK LIGHTING
	EXIT LIGHTS (WALL & CEILING SHOWN) SHADING INDICATES FACE(S), DIR. ARROWS AS SHOWN ON PLANS
	CEILING MOUNTED OCCUPANCY SENSOR. DUAL TECHNOLOGY, 1000 FT² COVERAGE, HUBBELL #OMNIDT 1000 OR EQUAL
	CEILING MOUNTED OCCUPANCY SENSOR. DUAL TECHNOLOGY, 2000 FT² COVERAGE, HUBBELL #OMNIDT 2000 OR EQUAL
	SINGLE–POLE TOGGLE SWITCH
	THREE–WAY TOGGLE SWITCH
	FOUR–WAY TOGGLE SWITCH
	WALL SWITCH MOUNTED OCCUPANCY SENSOR. DUAL TECHNOLOGY, HUBBEL #LMHTSI OR EQUAL
	DUPLEX RECEPTACLE
	QUADRAPLEX RECEPTACLE
	DUPLEX RECEPTACLE MOUNTED ABOVE COUNTER TOP – VERIFY MOUNTING HEIGHT WITH ARCHITECTURAL DRAWINGS
	DUPLEX RECEPTACLE – GROUND FAULT INTERRUPTING, SURGE PROTECTION, & WEATHERPROOF TYPES INDICATED
	CEILING MOUNTED INDICATED BY HEX. CEILING MOUNTED DUPLEX RECEPTACLE AND COMB. DATA/COMM. OUTLETS SHOWN.
	FLUSH FLOOR MOUNTED INDICATED BY BOX. FLOOR MOUNTED DUPLEX RECEPTACLE AND COMB. DATA/COMM. OUTLET SHOWN.
	SPECIAL PURPOSE OUTLET – NEMA CONFIGURATION (VOLTAGE, AMPACITY) AS NOTED ON DRAWINGS
	TELEPHONE OUTLET
	TELEPHONE OUTLET – WALL MOUNTED @ 48” A.F.F. U.O.N.
	TELEPHONE OUTLET – MOUNTED ABOVE COUNTER TOP – VERIFY MOUNTING HEIGHT WITH ARCHITECT
	COMPUTER DATA OUTLET – NUMBER INDICATES QUANTITY OF JACKS – NO NUMBER EQUALS ONE JACK
	COMBINATION DATA/COMMUNICATIONS OUTLET (1) VOICE JACK, (2) DATA JACKS; PROVIDE 2–GANG BOX W/ADAPTER TO SINGLE GANG FACEPLATE.
	CATV OUTLET
	JUNCTION BOX
	PANIC ALARM LIGHT, WALL–MTD ABOVE DOOR, 7’–9” TO CENTERLINE OF FIXTURE
	PANIC ALARM EMERGENCY STATION
	PANIC ALARM MONITORING STATION
	PAGING SYSTEM SPEAKER WITH ADJUSTABLE VOLUME CONTROL BOGEN SM4T. PROVIDE SMTB TILE BRIDGE TO SUPPORT SPEAKER.
	PHOTOCELL, TORK 2001.
	SWITCH, MOTOR RATED.

SYMBOLS SCHEDULE	
SYMBOL	DESCRIPTION
	CABLE TRAY
	BRANCH CIRCUIT IN CONDUIT – HOT, OS HOT, SWITCH, NEUTRAL, AND EQUIPMENT GROUND INDICATED
	BRANCH CIRCUIT HOMERUN – PANEL AND CIRCUIT NUMBER INDICATED
	CONDUIT CONCEALED IN OR BELOW FLOOR SLAB OR BELOW GRADE
	EXISTING CONDUIT
	FLEXIBLE CONDUIT
	DISCONNECT SWITCH
	TRANSFORMER
	ELECTRICAL MOTOR
	POWER PACK FOR OCC SEN. HUBBELL #MP120A OR EQUAL
	SLAVE PACK FOR OCC SEN. HUBBELL #MPSA OR EQUAL
	SURFACE MOUNTED PANELBOARD
	PTZ CAMERA; W = EXTERIOR CAMERA; C = CEILING DOME, VANDAL RESISTANT
	TELEPHONE TERMINAL BOARD
	TAMPER SWITCH
	FIRE ALARM VISUAL DEVICE – NUMBER INDICATES INDICATES MINIMUM CANDELA (CD) RATING OF STROBE. TOILETS 15 CD; MIN. 75 CD UNLESS OTHERWISE NOTED.
	FIRE ALARM AUBIBLE/VISUAL DEVICE – NUMBER INDICATES MINIMUM CANDELA (CD) RATING OF STROBE. TOILETS 15 CD; MIN. 75 CANDELA UNLESS OTHERWISE NOTED.
	FIRE ALARM PULL STATION
	HEAT DETECTOR
	SMOKE DETECTOR
	FLOW SWITCH
	DUCT DETECTOR
	DOOR HOLDER
	ABOVE COUNTER
	ABOVE FINISH FLOOR
	ABOVE FINISH GRADE
	BELOW FINISH CEILING
	GROUND FAULT INTERRUPTING
	NON–FUSED DISCONNECT SWITCH
	SURGE PROTECTION
	UNDERGROUND ELECTRIC
	UNLESS OTHERWISE NOTED
	WEATHERPROOF
	BODINE SWITCHING DEVICE FOR EMERGENCY POWER
	NONSWITCHED LIGHT FIXTURE

NOTE:

- NOT ALL SYMBOLS MAY APPLY TO THIS PROJECT.
- SYMBOLS SHOWN DASHED ON PLANS INDICATES EXISTING DEVICES, FIXTURES, EQUIPMENT, ETC.

LIGHT FIXTURE SCHEDULE						
TYPE	MANUFACTURER	CATALOG NO.	VOLTS	LAMPS		REMARKS
				QTY	TYPE	
A1	COLUMBIA	JT824–332G–FSA15–EU–PAF	UNV	3	32W T8	2’X4’ STATIC PRISMATIC TROFFER WITH 0.2” THICK LENS WITH (1) 2 BULB AND (1) 1 BULB ELECTRONIC BALLAST <10% THD. PAINTED AFTER FABRICATION.
A2	COLUMBIA	JT824–232G–FSA15–EU–PAF	UNV	2	32W T8	2’X4’ STATIC PRISMATIC TROFFER WITH 0.2” THICK LENS WITH (1) 2 BULB ELECTRONIC BALLAST <10% THD. PAINTED AFTER FABRICATION.
A3	COLUMBIA	JT824–432G–FSA15–EU–PAF	UNV	4	32W T8	2’X4’ STATIC PRISMATIC TROFFER WITH 0.2” THICK LENS WITH (2) 2 BULB ELECTRONIC BALLAST <10% THD. PAINTED AFTER FABRICATION.
B1	COLUMBIA	P4D24–332G–MA36–S–EU–PAF	UNV	3	32W T8	2’X4’ PARABOLIC TROFFER WITH LOW IRIDESCENT SEMI–SPECULAR LOUVER FINISH AND 3x6 CELLS. PROVIDE WITH (1) 2 BULB AND (1) 1 BULB ELECTRONIC BALLAST <10% THD. PAINTED AFTER FABRICATION.
C	COLUMBIA	CS4–232–EU–PAF–CSR4–CSWG4	UNV	2	32W T8	4’ STRIPLIGHT WITH SYMMETRIC REFLECTOR AND WIREGUARD. CHAIN HANG FIXTURE AT 9’ AFF. PAINTED AFTER FABRICATION.
E	LEDALITE	IN–COVE II–3808–EB	UNV	2	28W T5	COVE LIGHT
F	COLUMBIA	FNPV4–232–DR–E–2H–TP–COLD WEATHER BALLAST	UNV	2	32W T8	EXTERIOR, WET LOCATION LISTED FLUORESCENT MECHANICAL ENCLOSURE LIGHT. WALL–MOUNTED, 8’–6” TO BOTTOM OF FIXTURE.
G	HUBBELL	NV2FG32BSC	UNV	1	32W CFL	WET LOCATION LISTED FLUORESENT ELEVATOR PIT LIGHT.
H	ADVENT	HOMESTEAD AIP2108–BAL	UNV	6	F–13	ENTRY PENDANT LIGHT
J1	PRESCOLITE	CFR626 (PROVIDE COLD WEATHER BALLAST FOR EXTERIOR FIXTURES)	UNV	2	26W CFL	ENTRY LIGHT OFF DURING NORMAL OPERATION; ON DURING LOSS OF POWER
K	CON–TECH	LVR316	UNV	1	1–50WMR16	ENTRY LIGHT OFF DURING NORMAL OPERATION; ON DURING LOSS OF POWER
L	NOT USED.					
M	HUBBELL	LAREDO LCC–32F8–COLD WEATHER BALLAST	UNV	1	32W CFL	EGRESS LGT FIXT, NORM. OFF, LOC. CENTERED ABOVE DOOR. RE: ARCH DWGS.
N	HUBBELL	LAREDO LLC–250WHPS–COLD WEATHER BALLAST	UNV	1	250 HPS	BUILDING SECURITY LIGHT FIXTURE, BOTTOM 25’ AFG. RE: ARCHITECTURAL ELEVATIONS.
P	ELATE	C6AW–132	UNV	1	32W CFL	WALL WASH (DOWNLIGHT); PROVIDE CHANNEL BAR HANGARS.
Q	NOT USED.					
R	ADVENT	MONET 38” HIGH INTERIOR RECESSED WALL MOUNT WITH STAND–OFF OPTION AND SPLIT2 MOTIF (A1W 10474)–BAL	UNV	–	T5F39	SCONCE. REFER TO ARCHITECTURAL ELEVATIONS.
T	INTENSE	ICF40	UNV	1	26W TRT	ELEVATOR CORRIDOR DOWNLIGHT.
U	TECH LIGHTING	SOLACE 700BCSLC26W, SATIN NICKEL FINISH	UNV	2	24W H.O. T5 MINI BI–PIN BASE	REFER TO ARCHITECTURAL ELEVATION.
V	EXTERIEUR	IC–CTT6–1/39W/CMH/T–6 G12 – ANOD ALU–60’ –ANTISLIP–9.5” – ANT. – GLARE GRILL BLACK	UNV	1	39W CMH	MOUNT FLUSH–IN–GRADE
	DUAL–LITE	SESWE–I	UNV	–	LED PROVIDED	WHITE CAST ALUMINUM LED EXIT SIGN WITH SINGLE FACE, REMOVABLE CHEVRONS AND SELF DIAGNOSTIC. UNIT AVAILABLE WITH MULTIPLE FACEPLATE OPTIONS.
	DUAL–LITE	SEDRWE–I	UNV	–	LED PROVIDED	WHITE CAST ALUMINUM LED EXIT SIGN WITH DOUBLE FACE, REMOVABLE CHEVRONS AND SELF DIAGNOSTIC. UNIT AVAILABLE WITH MULTIPLE FACEPLATE OPTIONS.

LIGHT FIXTURE GENERAL NOTES:

- LIGHTING DESIGN IS BASED ON F32T8 BULBS HAVING AN INITIAL LUMENS OF 3100 LUMENS AND AN ELECTRONIC BALLAST OPERATING AT A 0.71 BALLAST FACTOR. REFER TO SPECIFICATIONS FOR ADDITIONAL CRITERIA.
- PROVIDE A TYPEWRITTEN DIRECTORY AND INCLUDE IN O & M MANUAL AT PROJECT CLOSE–OUT FOR LAMP TYPE, LAMP CODE, AND MANUFACTURER’S PART NUMBER FOR LAMP ORDERING.
- PROVIDE 5% SPARE LAMPS (NOT LESS THAN TWO) OF EACH LAMP TYPE.
- COORDINATE WITH ARCHITECT FOR ALL COLORS/FINISHES.
- PROVIDE ALL NECESSARY FRAMING KITS FOR FIXTURES MOUNTED IN SPECIAL CEILINGS (DRYWALL/METALIC/GYP).
- ALL FIXTURES AND ALL BALLASTS SHALL HAVE A 5–YEAR WARRANTY.
- ALL FLUORESCENT LIGHT FIXTURES SHALL HAVE PROGRAM–START BALLASTS.
- ALL FLUORESCENT LAMPS SHALL BE “GREEN” TYPE, LOW MERCURY FIXTURES. ALL FLUORESCENT BALLASTS SHALL HAVE LESS THAN 10% TOTAL HARMONIC DISTORTION (THD).

LIGHTING CONTROL GENERAL NOTES:

- COMMON AREAS SUCH AS THE WAITING ROOMS AND CORRIDORS WILL BE CONTROLLED BY A TIME CLOCK WITH OCCUPANCY SENSOR OVERRIDE IN THE MAIN LIGHTING CONTROL PANEL.
- ELEVATOR LOBBY AND ADJACENT CORRIDOR WILL HAVE ONE CIRCUIT ON 2½ AND TWO CIRCUITS TIMECLOCK ON/OFF.
- ALL OTHER ROOMS WILL BE CONTROLLED BY LOCAL SWITCHES AND OCCUPANCY SENSORS IN TANDEM.
- EXTERIOR LIGHTING WILL BE CONTROLLED BY PANEL HP1, PHOTOCELL ON/PHOTOCELL OFF.

REVISIONS		DATE
	Addendum #6 - 07/27/09	12/01/09

AS-BUILT DRAWINGS
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PHONE (501) 223-0515 FAX (501) 223-2470
JACOBS PROJECT NO: F3W81800

ARCHITECT/ENGINEERS:
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associates
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www.stuckarch.com
1308 South Main Street
Little Rock, Arkansas 72202

Drawing Title
General Notes and Schedules
Approved: Project Director

Project Title
**Outpatient Mental Health Improvements
Overton Brooks
Veterans Administration Medical Center**
Project Number
667-081
Building Number
Bldg. 1, South Wing
Location
Shereveport, Louisiana
Date
1/20/2010
Checked
SEH
Drawn
EAS
Drawing Number
E001
Dwg. **101** of **123**

Office of
Facility
Management

100% Submittal

A
three inches = one foot
B
one and one half inch = one foot
C
three quarters inch = one foot
D
one half inch = one foot
E
one quarter inch = one foot
F
one eighth inch = one foot

WORK BY CONTRACTOR TO CONNECT TO EXISTING HOSPITAL SYSTEMS

ITEM	REQUIRED WORK	ITEM	REQUIRED WORK
1.	VOICE BACKBONE CABLING: IN EXISTING HOSPITAL ROOM 1N2 PROVIDE 110 PUNCHDOWN BLOCKS FOR (2) 100 PAIR CAT 5E RISER RATED CABLES AND TERMINATE CABLES ON 1N2 110 PUNCH BLOCKS. ROUTE CABLES UP TO DECK AND EXTEND (2) 100 PAIR CABLES IN 4" CONDUIT OVERHEAD INTO ADJACENT 1-E-97 AND DOWN TO BASEMENT. CONTINUE CABLING/CONDUIT OVERHEAD AND ROUTE ABOVE EXISTING BASEMENT CEILING TO ADDITION CABLE TRAY. STUB-OUT CONDUIT 6" ABOVE CABLE TRAY EXTENSION IN BASEMENT ADDITION, RE: E301. EXTEND (2) 100 PAIR CABLES INTO BASEMENT IT CLOSET. TERMINATE (1) 100 PAIR CABLE ON 110 BLOCKS IN BASEMENT IT CLOSET AND EXTEND (1) 100 PAIR CABLE UP THROUGH SLEEVES INTO 1ST FLOOR IT CLOSET AND TERMINATE (1) 100 PAIR CABLE ON 110 BLOCKS. CROSS-CONNECTS BY OTHERS.	5.	PTZ CAMERA CABLING: EXISTING HOSPITAL SECURITY EQUIPMENT IS LOCATED IN HOSPITAL 1-W-26. ONE ROOF MOUNTED CAMERA ON DEMOLISHED ROOF IS BEING REPLACED WITH NEW CAMERA ON SOUTH-WEST CORNER OF ADDITION ROOF, RE: 103. REMOVE EXISTING RG6 CABLING BACK TO 1-W-26 FOR DEMOLISHED CAMERA. FROM 1-W-26 PROVIDE THE FOLLOWING: 1. (1) RISER RATED RG6 CABLE AND #16 CONTROL CABLING TO EXTERIOR CAMERA #1, RE E103. 2. (1) RISER RATED RG6 CABLE AND #16 CONTROL CABLING TO NEW CAMERA #2, RE E301. 3. (1) RISER RATED RG6 CABLE AND #16 CONTROL CABLING TO NEW CAMERA #3, RE E301. 4. (1) RISER RATED RG6 CABLE AND #16 CONTROL CABLING TO NEW CAMERA #4, RE E301. 5. (1) RISER RATED RG6 CABLE AND #16 CONTROL CABLING TO NEW CAMERA #5, RE E302. 6. (1) RISER RATED RG6 CABLE AND #16 CONTROL CABLING TO NEW CAMERA #6, RE E302. 7. (1) RISER RATED RG6 CABLE AND #16 CONTROL CABLING TO NEW CAMERA #7, RE E302. FROM 1-W-26, ROUTE ALL CABLES IN NEW (2) 2" CONDUITS DOWN TO BASEMENT AND ACROSS BASEMENT CEILING TO ADDITION CABLE TRAY. STUB-OUT CONDUIT 6" ABOVE CABLE TRAY EXTENSION IN BASEMENT ADDITION, RE: E301 FOR CABLE TRAY LOCATION. EXTEND CABLING INTO BASEMENT ELEC CLOSET BS-04A. EXTEND CABLING FOR CAMERA'S #2, #3, AND #4 OUT TO BASEMENT CABLE TRAY AND ROUTE TO SPECIFIC CAMERA. EXTEND CABLES FOR CAMERA'S #1, #5, #6, AND #7 UP THRU 1ST FLOOR IT CLOSET AND OUT TO 1ST FLOOR CABLE TRAY AND ROUTE TO SPECIFIC CAMERA. PROVIDE CAMERA SUPPLY FOR 7 CAMERAS IN BASEMENT ELECTRIC CLOSET ADJACENT TO IT CLOSET. FROM POWER SUPPLY, ROUTE A 16 / 2 POWER CABLE TO EACH CAMERA. SIZE POWER SUPPLY TO ALSO POWER HEATER IN CAMERA #1. NEW CABLING SHALL MEET MANUFACTURER'S RECOMMENDATIONS FOR CABLING TYPE TO PTZ CAMERAS. TURN OVER DEMOLISHED CAMERA AND MOUNTING BRACKET TO OWNER.
2.	DATA BACKBONE CABLING: IN EXISTING HOSPITAL ROOM 1E97 PROVIDE NEW FIBER PATCH PANELS AND CONNECTORS FOR (2) 6-STRAND RISER RATED 62.5 MM FIBERS AND TERMINATE FIBERS ON 1E97 NEW PATCH PANELS IN EXISTING RACK (MATCH EXISTING EQUIPMENT). ROUTE (2) CABLES IN 2-1/2" CONDUIT DOWN TO BASEMENT. CONTINUE CABLING/CONDUIT OVERHEAD AND ROUTE ABOVE EXISTING BASEMENT CEILING TO ADDITION CABLE TRAY. STUB-OUT CONDUIT 6" ABOVE CABLE TRAY EXTENSION IN BASEMENT ADDITION, RE: E301 FOR CABLE TRAY LOCATION. EXTEND (2) FIBER CABLES INTO BASEMENT IT CLOSET. TERMINATE (1) FIBER CABLE ON RACK MOUNTED FIBER PATCH PANEL CONNECTORS IN BASEMENT IT CLOSET AND EXTEND (1) FIBER CABLE UP THROUGH SLEEVES INTO 1ST FLOOR IT CLOSET AND TERMINATE FIBER CABLE ON RACK MOUNTED FIBER PATCH PANEL CONNECTORS. CROSS-CONNECTS TO PATCH PANELS BY OTHERS. PROVIDE CERAMIC ST CONNECTORS.	6.	CRITICAL POWER FOR IT REQUIREMENTS: AT EXISTING CRITICAL BRANCH PANEL NSBEEA1Q LOCATED IN SUB-BASEMENT, PROVIDE TWO NEW 1P 20A CIRCUIT BREAKERS (MATCH AIC RATING OF EXISTING CIRCUIT BREAKERS). NEW (3) #6, (1)#6 G., 1-1/4" C. FROM PANEL TO TERMINATE CIRCUIT AT NEW QUAD RECEPTACLE IN BASEMENT IT CLOSET (RE: E201) AND ONE CIRCUIT TO TERMINATE AT NEW QUAD RECEPTACLE IN FIRST FLOOR IT CLOSET (RE: E202).
3.	CATV BACKBONE CABLING: IN EXISTING HOSPITAL ROOM BE26 PROVIDE NEW AMPLIFIER, POWER TO AMPLIFIER, AND NEW 18 TAP 2 GIGAHZ BI-DIRECTIONAL SPLITTER. REWORK AND CONNECT ALL EXISTING CABLES (EXISTING CONDITION: IN BE26, IT IS ESTIMATED THERE ARE 14 TAPS OVER SIX DIFFERENT SPLITTERS) ONTO NEW SPLITTER. HOSPITAL MAIN CATV CABLE TO CONNECT TO 'IN' TAP AND ALL OTHERS TO 'OUT' TAPS. FROM BE26 NEW 2 GIGAHZ BI-DIRECTIONAL SPLITTER, PROVIDE NEW RG6 QUAD SHIELD CABLE IN 2" CONDUIT ABOVE EXISTING BASEMENT CEILING TO ADDITION CABLE TRAY. STUB-OUT CONDUIT 6" ABOVE CABLE TRAY EXTENSION IN BASEMENT ADDITION, RE: E301 FOR CABLE TRAY LOCATION. EXTEND RG6 CABLE TO NEW 18 TAP 2 GIGAHZ BI-DIRECTIONAL SPLITTER IN BASEMENT ELECTRIC CLOSET ADJACENT TO IT CLOSET AND TERMINATE CABLING ONTO 'IN' TAP OF SPLITTER. AT ELECTRIC CLOSET, PROVIDE OVERALL ADJUSTMENT ATTENUATION SO THAT SIGNAL AT EACH CATV OUTLET IS -8 DB. COORDINATE ALL WORK WITH OWNER PRIOR TO ROUGH-IN. IN BE26, THE OWNER IS RESPONSIBLE FOR EACH EXISTING SIGNAL LEAVING THE NEW SPLITTER.	7.	LIFE SAFETY POWER FOR NEW ADDITION: AT EXISTING LIFE SAFETY BRANCH PANEL SBELS1 LOCATED IN SUB-BASEMENT, PROVIDE NEW 3P 80A CIRCUIT BREAKER (MATCH AIC RATING OF EXISTING CIRCUIT BREAKERS). NEW (4) #1, (1)#6 G., 2" C. FROM PANEL TO TERMINATE AT NEW PANEL LSL1 IN BASEMENT ELECTRIC CLOSET NEXT TO IT CLOSET (RE: E201). IN PANEL SBELS1, REWORK EXISTING BREAKERS AND CIRCUITS IN PANEL TO MAKE ROOM FOR NEW CIRCUIT BREAKER.
4.	PAGING SYSTEM CABLING: IN EXISTING HOSPITAL ROOM 1N2 CONNECT TO EXISTING PAGING SYSTEM AMPLIFIER. FOR BASEMENT PAGING CIRCUIT, PROVIDE #16 RISER RATED SPEAKER WIRING CIRCUIT AND FOR 1ST FLOOR/2ND FLOOR PAGING CIRCUIT PROVIDE #16 RISER RATED SPEAKER WIRING IN A SINGLE 1" CONDUIT OVERHEAD INTO ADJACENT 1-E-97 AND DOWN TO BASEMENT. CONTINUE CABLING/CONDUIT OVERHEAD AND ROUTE ABOVE EXISTING BASEMENT CEILING TO ADDITION CABLE TRAY. STUB-OUT CONDUIT 6" ABOVE CABLE TRAY EXTENSION IN BASEMENT ADDITION, RE: E301. EXTEND (2) CABLES INTO BASEMENT ELECTRIC CLOSET BS-04A. EXTEND CABLE FOR BASEMENT OUT TO BASEMENT CABLE TRAY AND DAISY-CHAIN BETWEEN SPEAKERS UTILIZING CABLE TRAY AS PATHWAY. EXTEND CABLE FOR 1ST FLOOR/2ND FLOOR OUT TO 1ST FLOOR CABLE TRAY AND DAISY-CHAIN BETWEEN SPEAKERS UTILIZING CABLE TRAY AS PATHWAY. COORDINATE CABLING INSTALLATION WITH OWNER PRIOR TO ROUGH-IN.	8.	ELECTRICAL BOND TO EACH OF THE THREE EXISTING SWITCHBOARDS IN B-E-95: FROM AN EXISTING 1600A 208Y/120V/3PH/4W SWITCHBOARD GROUNDING ELECTRODE LOCATED IN HOSPITAL SWITCHGEAR ROOM B-E-95, NEW #250 KCMIL AWG BONDING CONDUCTOR, 2" C. TO EACH OF TWO REMAINING SWITCHBOARD GROUNDING ELECTRODES IN B-E-95 AND THEN EXTEND NEW #250 KCMIL, 2"C. (OVERHEAD) TO ELECTRICAL ROOM BS-03 AND THEN UNDERGROUND TO MAIN DISCONNECT HM2 GROUNDING ELECTRODE.

LIGHTNING PROTECTION
GENERAL NOTES

- INSTALLATION SHALL COMPLY IN ALL RESPECTS TO L.P.I. CODE 175. INSTALLATION SHALL BE MADE BY OR UNDER THE SUPERVISION OF AN L.P.A. CERTIFIED MASTER INSTALLER. COMPLETED INSTALLATION TO RECEIVE SYSTEM CERTIFICATION INCLUDING SUBMITTAL OF FORMS L.P.I. 175-A AND 175-B.
- ALL MATERIALS SHALL BE UNDERWRITERS LABORATORIES MOUNTING BRACKET PELCO XXXX APPROVED WITH "A" LABEL ON EACH AIR TERMINAL AND "B" LABEL AT 10'-0" ALONG ALL MAIN CONDUCTORS. COMPLETED INSTALLATION AS SHOWN SHALL BEAR U.L. MASTER LABEL "C" AS PER U.L. CODE 96A.
- ONE COPY OF "AS BUILT" DRAWINGS SHALL BE SUBMITTED WITH MASTER LABEL APPLICATION AND ANOTHER COPY WITH THE L.P.I. FORMS 175-A AND 175-B.
- LOCATE AIR TERMINALS AS SHOWN. TAKE CARE TO INSURE THAT ALL POINTS ARE WITHIN 2'-0" OF OUTSIDE BUILDING EDGE, OUTSIDE CORNERS, AND RIDGE ENDS, AND THAT MAXIMUM SPACING DOES NOT EXCEED 20'-0" AND THAT MINIMUM PROJECTION ABOVE OBJECT PROTECTED IS 10".
- MAINTAIN HORIZONTAL OR DOWNWARD COURSING OF MAIN CONDUCTOR AND INSURE THAT ALL BENDS, HAVE AT LEAST AN 8" RADIUS AND DO NOT EXCEED 90 DEGREES.
- SUPPORT ALL EXPOSED ROOF, DOWNLEAD, AND BONDING CABLES AT 3'-0" ON CENTER MAXIMUM.
- GROUND ELECTRODES SHALL BE INSTALLED AS SHOWN BUT IN NO INSTANCE SHALL THEY BE LESS THAN 1'-0" BELOW GRADE AND 2'-0" FROM FOUNDATION WALL. DRIVEN RODS SHALL PENETRATE EARTH AT LEAST 10'-0". CLAMPS USED TO CONNECT DOWN CONDUCTORS TO DRIVEN GROUND RODS SHALL MAKE CONTACT WITH THE GROUND ROD FOR A DISTANCE OF AT LEAST 1-1/2" AND WITH THE CABLE ITSELF FOR A DISTANCE OF AT LEAST 1-1/2".
- BOND TO WATER SERVICE AND OTHER PIPING SYSTEMS AS SHOWN AND REQUIRED BY U.L. AND L.P.I. CODES.
- INTERCONNECT LIGHTNING PROTECTION GROUND TO ELECTRONIC TELEPHONE AND OTHER BUILDING GROUND SYSTEMS AS SHOWN OR AS REQUIRED BY CODES.
- BOND TO METAL BODIES OF CONDUCTANCE ON ROOF WITH MAIN SIZE CONDUCTORS AS SHOWN AND AS REQUIRED BY U.L. AND L.P.I. CODES. THESE BONDS INCLUDES BUT ARE NOT LIMITED TO EXHAUST FANS, VENTS, HANDRAILS, LADDERS, METAL SCREENS, AND PANEL. H.V.A.C. UNITS, HATCHES, SKYLITES, COOLING TOWERS, FLAG POLES, ANTENNAS, ETC. OR ANY LARGE METAL BODY SUBJECT TO DIRECT STROKE OR WHICH EXCEEDS THE HEIGHT OF ADJACENT AIR TERMINALS.
- BOND TO METAL BODIES OF INDUCTANCE LOCATED WITHIN 6'-0" OF MAIN CONDUCTOR OR OTHER BONDED OBJECT WITH APPROVED SECONDARY BONDING CONDUCTOR AS SHOWN AND AS SHOWN REQUIRED BY U.L. AND L.P.I. CODES. SUCH OBJECTS INCLUDE BUT ARE NOT LIMITED TO FLASHINGS, METAL COPING CAPS, GRAVEL GUARDS, FASCIAS, ROOF DRAINS, DOWNSPOUTS, INTERIOR DUCTS MACHINERY OR PIPING, ETC. OR IN GENERAL ANY ISOLATED BODY AT OR BELOW THE ROOF SUBJECT TO INDUCTANCE AND WITHIN 6'-0" OF SYSTEM.
- CONNECT EXISTING LIGHTNING PROTECTION SYSTEM TO NEW ADDITION LIGHTING PROTECTION SYSTEM PER NFPA 780.
- ALL EXISTING HOSPITAL WORK SHALL BE APPROVED BY RESIDENT ENGINEER PRIOR TO PURCHASE OF EQUIPMENT AND CABLING AND PRIOR TO ROUGH-IN.
- LIGHTNING PROTECTION SYSTEM SHALL BE INSPECTED BY U.L. INSPECTOR AND CERTIFIED. PROVIDE CERTIFICATION DOCUMENTS TO RESIDENT ENGINEER.

GENERAL NOTES

- ALL WORK SHALL COMPLY WITH THE 2008 EDITION OF THE NATIONAL ELECTRIC CODE (N.E.C.).
- THE SPECIFICATIONS ARE AS BINDING ON THE CONTRACTOR AS THE DRAWINGS. THE CONTRACTOR SHALL READ THE SPECIFICATIONS AND SHALL INCLUDE ALL ITEMS REQUIRED BY THE SPECIFICATIONS BEFORE SUBMITTING A BID.
- MINIMUM WIRE SIZE SHALL BE #12 AWG UNLESS OTHERWISE NOTED. MINIMUM CONDUIT SIZE SHALL BE 1/2" UNLESS OTHERWISE NOTED. ALL CONDUIT SHALL BE CONCEALED UNLESS OTHERWISE NOTED. ALL CONDUIT IN OR BELOW FLOOR SLABS AND BELOW GRADE SHALL BE 1" MINIMUM UNLESS OTHERWISE NOTED.
- EACH CIRCUIT SHALL HAVE AN EQUIPMENT GROUNDING CONDUCTOR, AND MULTI-WIRE CIRCUITS OF DIFFERENT PHASES MAY SHARE THE EQUIPMENT GROUND. EQUIPMENT GROUND CONDUCTOR SIZE SHALL NOT BE LESS THAN #12 AWG OR AS INDICATED ON THE DRAWINGS. EACH CIRCUIT AND EACH MULTI-WIRE CIRCUIT SHALL HAVE A DEDICATED NEUTRAL. MULTI-WIRE CIRCUITS OF DIFFERENT PHASES SHALL NOT SHARE A NEUTRAL.
- ALL CONDUCTORS #10 AND SMALLER SHALL BE SOLID COPPER, EXCEPT WHERE FLEXIBILITY IS REQUIRED, AND ALL CONDUCTORS #8 AND LARGER SHALL BE STRANDED COPPER USING BOLTED LUGS AT TERMINALS.
- ALL ELECTRICAL EQUIPMENT (CONDUIT, BOXES, SUPPORTS, ETC.) INSTALLED IN EXPOSED CEILING AREAS SHALL BE PAINTED AS DIRECTED BY THE ARCHITECT.
- VERIFY EXACT LOCATION OF ALL MECHANICAL EQUIPMENT, INCLUDING THERMOSTATS, WITH MECHANICAL CONTRACTOR.
- THE ELECTRICAL CONTRACTOR SHALL CLOSELY COORDINATE WITH MECHANICAL & PLUMBING CONTRACTORS FOR EXACT LOCATION OF HVAC & PLUMBING EQUIPMENT.
- THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR PROPER SIZING OF ALL MOTOR OVERLOAD DEVICES (HEATERS) IN STARTERS BASED ON ACTUAL NAMEPLATE RATINGS ON THE MOTORS BEING INSTALLED PER N.E.C. 430.6(A)(2).
- ALL LOW VOLTAGE INTERLOCKING OF HVAC EQUIPMENT SHALL BE BY THE CONTROLS CONTRACTOR. ALL "LINE VOLTAGE" CONTROLS SHALL BE BY THE ELECTRICAL CONTRACTOR AND SHALL BE IN CONDUIT.
- PROVIDE ENGRAVED NAMEPLATES ON ALL OF THE FOLLOWING EQUIPMENT: PANELBOARDS, DISCONNECT SWITCHES, MANUAL & AUTOMATIC STARTERS, COMBINATION STARTER/DISCONNECTS, TRANSFORMERS. AT EACH PLAQUE: IDENTIFY LOCATION OF NORMAL, CRITICAL, AND LIFE SAFETY SWITCHGEAR IN ADDITION AND MAIN DISCONNECT LOCATION.
- FIELD-VERIFY EXACT LOCATIONS & ELEVATIONS OF ALL EXISTING WALL MOUNTED EQUIPMENT & DEVICES.
- ALL WIRING DEVICES SHALL BE INSTALLED PLUMB, SQUARE, AND TRUE; AND ALL DEVICES INSTALLED AT A SINGLE LOCATION SHALL BE ALIGNED.
- CONTRACTOR SHALL REFER TO THE ARCHITECTURAL ELEVATIONS AND MILLWORK DETAILS FOR EXACT LOCATIONS OF ALL WIRING DEVICES.
- CONTRACTOR SHALL REFER TO THE ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATION OF ALL LAY-IN LIGHT FIXTURES.
- ALL OUTAGES WHICH MAY RESULT SHALL BE COORDINATED WITH THE OWNER PRIOR TO THE WORK.
- THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR UPDATING SCHEDULES IN ALL ELECTRICAL PANELS THAT ARE AFFECTED BY THIS WORK. NEW AND UPDATED SCHEDULES ARE TO BE TYPEWRITTEN. PROVIDE NEW INDEX CARDS.
- THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR MARKING ALL SWITCHES, RECEPTACLES, AND FIXED EQUIPMENT WITH THE BRANCH CIRCUIT PANEL NAME AND NUMBER SERVING EACH DEVICE.
- ALL CONDUIT SHALL BE INSTALLED AS HIGH AS POSSIBLE (MOUNT TO BOTTOM OF STRUCTURE) TO AVOID CONFLICTS WITH DUCTWORK AND PIPING. THE ELECTRICAL CONTRACTOR SHALL COORDINATE INSTALLATION WITH THE MECHANICAL CONTRACTOR.
- PRIOR TO BID, THE CONTRACTOR SHALL VISIT THE JOB SITE TO DETERMINE ALL EXISTING CONDITIONS AND THE EXTENT OF WORK TO BE DONE.
- PROVIDE TEMPORARY ELECTRICAL POWER FOR LIGHTING AND POWER TO JOB SITE CONSTRUCTION TRAILER(S), OFFICES AND CONSTRUCTION SITE.
- VFD UNITS PROVIDED BY MECHANICAL CONTRACTOR, INSTALLED BY ELECTRICAL CONTRACTOR.
- WHEN CONNECTING TO EXISTING HOSPITAL SYSTEMS, NEW EQUIPMENT MUST BE 100% COMPATIBLE AND MUST PROVIDE A SEAMLESS INTERFACE WITH EXISTING EQUIPMENT. WHEN PROVIDING EQUIPMENT, THE CONTRACTOR SHALL PROVIDE ALL REQUIRED COMPONENTS FOR A SEEMLESS INTERFACE.
- CAMERA SYSTEM: PROVIDE ALL REQUIRED CABLING AND COMPONENTS TO POWER CAMERA, POWER EXTERIOR CAMERA HEATER, AND SEND SIGNAL BACK TO HEADEND. NEW EXTERIOR CAMERA SHALL BE PELCO HEAVY-DUTY SPECTRA IV SE PTZ, ENVIRONMENTAL PENDANT, WHITE, CLEAR DOME, NO CAGE, 35X DAY/NIGHT, SD435-HPE1, HEATER. PROVIDE ALL COMPONENTS TO MOUNT CAMERA IN MATCHING INSTALLATION SAME AS DEMOLISHED EXTERIOR CAMERA. MOUNT TO PARAPET WALL, MOUNTING BRACKET PELCO PP350/PP450.
- NEW INTERIOR CAMERAS SHALL BE SEMI-RECESSED PELCO SPECTRA IV IN CEILING, WHITE, SMOKED DOME, 16X LOW LIGHT COLOR, SD4TC-F0.
- PROVIDE PULL STRINGS IN ALL EMPTY CONDUITS. PROVIDE INSULATED BUSHINGS IN ALL LOW-VOLTAGE CONDUITS.
- PROVIDE SEISMIC RESTRAINTS PER SEISMIC SPECIFICATIONS AND REQUIREMENTS.
- PANIC ALARM EMERGENCY STATIONS: COORDINATE LOCATIONS PRIOR TO ROUGH-IN. OWNER RESERVES THE RIGHT TO RELOCATE DEVICE UP TO EIGHT FEET AWAY FROM LOCATION ON DRAWINGS AS PART OF BASE BID WORK.
- COORDINATE ALL WORK WITH ARCHITECTURAL, STRUCTURAL, MECHANICAL, AND PLUMBING DRAWINGS PRIOR TO ROUGH-IN.
- VERIFY LOCATION OF EXPANSION JOINTS PRIOR TO ROUGH-IN.
- EXPANSION JOINT WORK: FOR CONDUITS PASSING THRU EXPANSION JOINTS, TRANSITION TO LIQUID TIGHT FLEXIBLE METAL CONDUIT (LTFMC). SUPPORT LTFMC TO STRUCTURE IMMEDIATELY AFTER TRANSITION. ALLOW 12" OF SLACK IN CONDUIT FROM SUPPORT TO SMOKE WALL. CONDUIT LENGTH FROM SUPPORT WALL TO SMOKE WALL NOT TO EXCEED 48". ROUTE CONDUITS THROUGH SMOKE WALL VIA A CROUSE-HINDS TW SERIES THROUGH WALL BARRIER (OR EQUAL). SUPPORT CONDUITS TO STRUCTURE AND TRANSITION TO EMT AFTER PASSING THROUGH BARRIER.
- AFTER CABLING IS INSTALLED, FILL ALL SLEEVES THRU FIRE & SMOKE WALLS WITH U.L. LISTED FIRE RATED REUSABLE PUTTY.

REVISIONS

DATE

AS-BUILT DRAWINGS
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Drawing Title

General Notes
and Schedules

Approved: Project Director

Project Title

Outpatient Mental Health Improvements
Overton Brooks
Veterans Administration Medical Center

Project Number

667-081

Building Number

Bldg. 1, South Wing

Location

Shreveport, Louisiana

Date

01/20/2010

Checked

SEH

Drawn

EAS

Drawing Number

E002

Dwg. 102 of 123

Office of
Facility
Management

100% Submittal

KEYED NOTES:

- 1
- LOBBY CIRCUIT HP1-7 WILL BE ON 24/7. OTHER LOBBY CIRCUITS CAN BE PROGRAMMED TO OPERATE ON DIFFERENT SCHEDULES. COORDINATE ALL PROGRAMMING FOR PANEL H1 WITH OWNER PRIOR TO COMPLETION OF WORK.
- 2
- UP TO LIGHTS ABOVE IN STAIRCASE.
- 3
- PROVIDE HOT WIRE TO GTD UNIT. LIGHT FIXTURE OPERATES ONLY UPON LOSS OF NORMAL POWER. LOCATE GTD UNITS IN INTERIOR ACCESSIBLE LOCATION.
- 4
- 1/2" WITH CONTROL CONDUCTORS BACK TO PANEL HP1 CONTROL UNIT INPUT. PROGRAM PANEL HP1 CONTROL UNIT SO THAT WHEN HOSPITAL IS OPERATING DURING NORMAL BUSINESS HOURS, ALL LIGHTS ARE ON CONTINUOUSLY. WHEN LIGHTS ARE TURNED OFF AT NIGHT, OCCUPANCY SENSORS SHALL OVERRIDE PROGRAMMING AND TURN ON LIGHTS FOR A PRESET TIME (30 MINUTES).
- 5
- PRIOR TO ROUGH-IN, VERIFY LOCATION OF ALL LIGHT FIXTURES. NO LIGHT FIXTURES ARE LOCATED OVER AIR HANDLER UNIT.
- 6
- CONNECT TO EXTERIOR LIGHT FIXTURES AT 1ST FLOOR ENTRY. RE: E102.
- 7
- LOCATE SWITCH NEAR TOP OF STEP.
- 8
- LOCATE 30" ABOVE FLOOR.
- 9
- FOR ELECTRICAL PANEL INFORMATION, SEE SHEETS E601 AND E602 FOR DETAILS.

INFECTION CONTROL RISK ASSESSMENT (ICRA) REQUIREMENTS:

1.
- THE CONTRACTOR SHALL COMPLY WITH ALL ICRA TRAINING AND PROCEDURES AS SET FORTH BY THE HOSPITAL'S ICRA REPRESENTATIVE. THE CONTRACTOR IS REQUIRED TO REQUEST, BE FAMILIAR WITH, AND REQUIRE HIS EMPLOYEE'S FULL COMPLIANCE.

Electrical Lighting Basement Plan

1/8" = 1'-0"

REVISIONS		DATE
<div></div>	Addendum #9, CLIN 007 - 08/26/09	12/01/09
<div></div>	RFI'S #4, #6 - 01/20/10	01/20/10
<div></div>	"As-Built" Document Revisions	06/26/12

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Drawing Title		Electrical Lighting Basement Plan	
Approved: Project Director			

Project Title		Project Number	
Outpatient Mental Health Improvements Overton Brooks Veterans Administration Medical Center		667-081	
Location		Building Number	
Shreveport, Louisiana		Bldg. 1, South Wing	
Date		Drawing Number	
01/20/2010		E101	
Checked		Dwg. 103 of 123	
SEH			
Drawn			
EAS			

Office of
Facility
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KEYED NOTES:

- 1 UP FROM LIGHTS BELOW IN STAIRCASE.
- 2 UP TO LIGHTS ABOVE IN STAIRCASE.
- 3 PROVIDE HOT WIRE TO GTD UNIT. LIGHT FIXTURE OPERATES ONLY UPON LOSS OF NORMAL POWER. LOCATE GTD UNITS IN INTERIOR ACCESSIBLE LOCATION.
- 4 LOBBY CIRCUIT H1-8 WILL BE ON 24/7. OTHER LOBBY CIRCUITS CAN BE PROGRAMMED TO OPERATE ON DIFFERENT SCHEDULES. COORDINATE ALL PROGRAMMING FOR PANEL H1 WITH OWNER PRIOR TO COMPLETION OF WORK.
- 5 1/2" WITH CONTROL CONDUCTORS BACK TO PANEL HP1 CONTROL UNIT INPUT. PROGRAM PANEL HP1 CONTROL UNIT SO THAT WHEN HOSPITAL IS OPERATING DURING NORMAL BUSINESS HOURS, ALL LIGHTS ARE ON CONTINUOUSLY. WHEN LIGHTS ARE TURNED OFF AT NIGHT, OCCUPANCY SENSORS SHALL OVERRIDE PROGRAMMING AND TURN ON LIGHTS FOR A PRESET TIME (30 MINUTES).
- 6 PRIOR TO ROUGH-IN, VERIFY LOCATION OF ALL LIGHT FIXTURES. NO LIGHT FIXTURES ARE LOCATED OVER DUCTWORK.
- 7 CONNECT TO CIRCUIT HP1-19. RE: E101 FOR HOMERUN.
- 8 CONNECT TO CIRCUIT HP1-2.
- 9 ROUTE ALL CONDUITS TO PANELS ALONG DECK AND DOWN CHASE TO ELECTRIC CLOSET ON BASEMENT FLOOR.

INFECTION CONTROL RISK ASSESSMENT (ICRA) REQUIREMENTS:

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Addendum #9, CLIN 007

DELETE EXTERIOR FREE STANDING CANOPIES AT THE BASEMENT AND FIRST FLOOR LEVELS IN THEIR ENTIRETY, INCLUDING THE FLUSH-IN-GRADE 'V' LIGHT FIXTURES.

1

Electrical Lighting First Floor Plan

1/8" = 1'-0"

REVISIONS

	REVISIONS	DATE
1	Addendum #9, CLIN 007 - 08/26/09	12/01/09
2	RFI'S #4, #6 - 01/20/10	01/20/10

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Little Rock, Arkansas 72202

Drawing Title

Electrical Lighting
First Floor Plan

Approved: Project Director

Project Title

Outpatient Mental Health Improvements
Overton Brooks
Veterans Administration Medical Center

Location

Shreveport, Louisiana

Date

01/20/2010

Checked

SEH

Drawn

EAS

Project Number

667-081

Building Number

Bldg. 1, South Wing

Drawing Number

E102

Dwg. 104 of 123

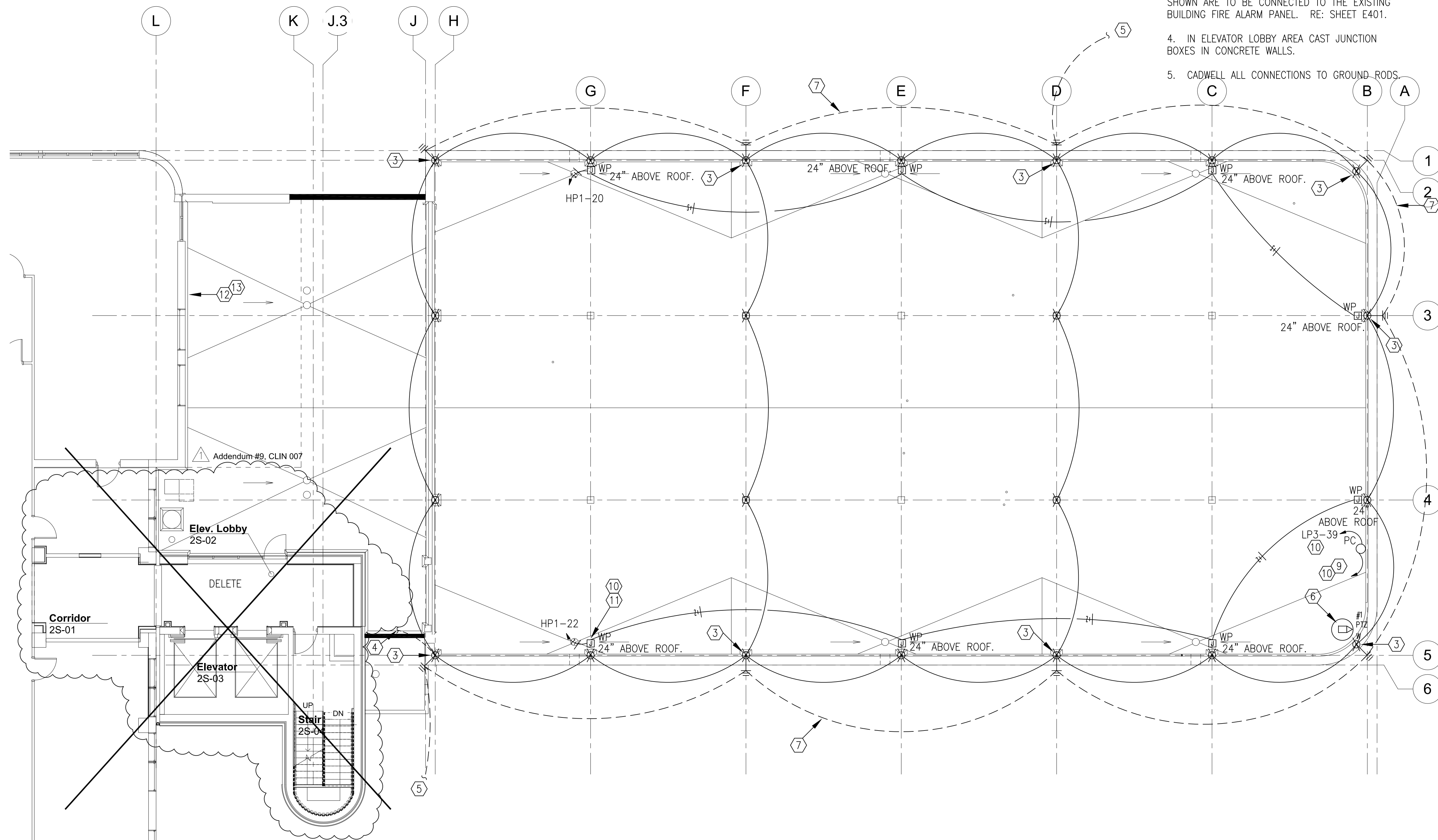
Office of
Facility
Management

100% Submittal




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1. ALL LIGHTNING PROTECTION SYSTEM DOWN CONDUCTORS AND GROUND LOOP CONDUCTORS SHALL BE SIZED FOR A CLASS II SYSTEM PER NFPA 780.
2. LIGHTNING PROTECTION ROOF CONDUCTORS ONLY MAY BE SIZED FOR A CLASS I SYSTEM PER NFPA 780.
3. INITIATING DEVICES AND NOTIFICATION APPLIANCES SHOWN ARE TO BE CONNECTED TO THE EXISTING BUILDING FIRE ALARM PANEL. RE: SHEET E401.
4. IN ELEVATOR LOBBY AREA CAST JUNCTION BOXES IN CONCRETE WALLS.
5. CADWELL ALL CONNECTIONS TO GROUND RODS.

- ① UP FROM FIXTURE BELOW IN STAIRCASE.
- ② UP TO FIXTURE ABOVE IN STAIRCASE.
- ③ ROUTE CLASS II CONDUCTORS IN 1-1/4" SCH. 80 PVC CONDUIT DOWN WALL TO GROUND ROD BELOW GRADE.
- ④ CONDUCTOR DOWN FROM 4TH FLOOR ROOF LIGHTNING PROTECTION.
- ⑤ EXTEND LIGHTNING PROTECTION GROUND LOOP AND CONNECT TO MECHANICAL ENCLOSURE GROUND LOOP GROUND ROD #A AT SOUTH WEST CORNER OF MECHANICAL ENCLOSURE. RE: E203, KEY NOTE 15.
- ⑥ NEW ROOF-MTD PTZ CAMERA AT THIS LOCATION. NEW MOUNTING HARDWARE (PROVIDE NEW HARDWARE AND SUPPORT STRUCTURE TO MATCH DEMOLISHED PTZ INSTALLATION). COORDINATE ALL WORK WITH VA POLICE PRIOR TO START OF WORK. 1" CONDUIT DOWN THRU ROOF AND ACROSS TO FIRST FLOOR CABLE TRAY; COORDINATE ALL ROOF PENETRATION WORK WITH ROOF CONTRACTOR AND MAINTAIN ROOF WARRANTY.
- ⑦ TYPICAL. LIGHTNING PROTECTION GROUND LOOP 18" BELOW GRADE SIZED AS CLASS II MAIN CONDUCTOR, PER NFPA 780.
- ⑧ 1 / 2" C. WITH CONDUCTORS TO CONNECT TO SPEAKER CIRCUIT ON FLOOR BELOW.
- ⑨ PHOTOCCELL, TOP FLUSH WITH WALL, FACING NORTH, AND 1/2" WITH CONDUCTORS BACK TO PANEL HP1 INPUT. MOUNT TO PARAPET WALL. ROUTE CONDUCTORS BELOW DECK OF FLOOR BELOW.
- ⑩ #10 WIRE MINIMUM SIZE.
- ⑪ TYPICAL. FUTURE PARKING LOT/STREET LIGHT FIXTURE LOCATION. FIXTURE BY OWNER.
- ⑫ FROM EXISTING HOSPITAL ROOF, PROVIDE NEW REPLACEMENT LIGHTNING PROTECTION SYSTEM CLASS II CONDUCTOR DOWN HOSPITAL WALL. WHERE EXPOSED, SUPPORT EVERY 6'. WHERE DOWN CONDUCTOR IS CONCEALED, ROUTE IN 1-1/4" CONDUIT PVC SCHEDULE 80 CONDUIT TO NEW GROUND ROD BELOW GRADE. VERIFY LOCATION AND ROUTING WITH OWNER PRIOR TO ROUGH-IN.
- ⑬ CONNECT NEW SYSTEM TO EXISTING DOWN CONDUCTOR WITH CLASS II CONDUCTOR PER NFPA 780.



1 Electrical Second Floor - Roof Plan
1/8" = 1'-0"

REVISIONS		DATE	AS-BUILT DRAWINGS This document has been prepared based on As-Built information provided by others. Those relying on this document are advised to obtain independent verification of its accuracy before using it for any purpose.	CONSULTANTS: Jacobs Engineering JACOBS TM 10816 EXECUTIVE CENTER DRIVE, SUITE 300 LITTLE ROCK, ARKANSAS 72114-3883 PHONE (501) 223-0515 FAX (501) 223-2470 JACOBS PROJECT NO: F3W81800	ARCHITECT/ENGINEERS: Tompkins Architects, LLC  612 N.W. Kay Drive Lee's Summit, Missouri 64063 Phone: (816) 525-9833 Fax: (816) 524-9005 Email: jet@tom-arch.com  STUCK associates ARCHITECTS Phone: (501) 378-0059 www.stuckarch.com 1308 South Main Street Little Rock, Arkansas 72202	Drawing Title Electrical Second Floor - Roof Plan Approved: Project Director	Project Title Outpatient Mental Health Improvements Overton Brooks Veterans Administration Medical Center	Project Number 667-081	Office of Facility Management
 Addendum #9, CLIN 007 - 08/26/09	12/01/09	Building Number Bldg. 1, South Wing							
			Drawing Number E103 Dwg. 105 of 123	100% Submittal					
		Location Shreveport, Louisiana							
Date 01/20/2010	Checked SEH	Drawn EAS							

INFECTION CONTROL RISK ASSESSMENT (ICRA) REQUIREMENTS:

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KEYED NOTES:

- 1 UP FROM FIXTURE BELOW IN STAIRCASE.
- 2 REFER TO E402, ONE LINE DIAGRAM FOR POWER REQUIREMENTS.
- 3 CONDUCTOR DOWN TO 2ND FLOOR ROOF LIGHTNING PROTECTION.
- 4 ROUTE CONDUCTORS IN 1-1/4" SCH. 80 PVC CONDUIT DOWN WALL TO GROUND ROD BELOW GRADE.
- 5 EXTEND LIGHTNING SYSTEM GROUND LOOP TO ADDITIONAL GROUND RODS. RE: E103.
- 6 ELEVATOR CONTROL CABINET. VERIFY LOCATION PRIOR TO ROUGH-IN.
- 7 1" C. WITH TWO CAT 5E CABLES (1 PER ELEVATOR CONTROL CABINET) FIRST FLOOR IT CLOSET. TERMINATE CABLES IN EACH CABINET AND AT CLOSET 110 BLOCKS.
- 8 EXTEND ONE CAT 5E CABLE IN 3/4" C. TO NEXT ELEVATOR CONTROL CABINET.
- 9 VERIFY LOCATION PRIOR TO ROUGH-IN.
- 10 ROUTE DOWN CONDUCTOR IN THIS LOCATION.
- 11 ROUTE IN CHASE. COORDINATE WITH MECHANICAL CONTRACTOR.
- 12 IN CHASE ROUTE CONDUCTORS IN 1-1/4" GALV RSC CONDUIT DOWN WALL TO GROUND ROD BELOW GRADE. BOND TO CONDUIT AT TOP AND BOTTOM OF CONDUIT PER NFPA 780.

GENERAL NOTES

1. ALL LIGHTNING PROTECTION SYSTEM DOWN CONDUCTORS AND GROUND LOOP CONDUCTORS SHALL BE SIZED FOR A CLASS II SYSTEM PER NFPA 780.
2. LIGHTNING PROTECTION ROOF CONDUCTORS ONLY MAY BE SIZED FOR A CLASS I SYSTEM PER NFPA 780.
3. INITATING DEVICES AND NOT XXXXXXXX APPLIANCES SHOWN ARE TO BE CONNECTED TO THE EXISTING BUILDING FIRE ALARM PANEL. RE: SHEET E401.
4. CAD-WELD ALL CONNECTIONS TO GROUND RODS.

ADDENDUM #9, CLIN007, ITEM 4: DELETE THE INDICATED THIRD FLOOR CONSTRUCTION IN ITS ENTIRETY. THE THIRD FLOOR PLAN SHALL NOW BECOME THE SECOND FLOOR PLAN WITH THE ELEVATOR EQUIPMENT ROOM AND STAIR LAYOUT BEING THE SAME AS THE PREVIOUS THIRD FLOOR. ALL WORK AT THE EXISTING THIRD FLOOR SHALL BE SIMILAR TO THE FOURTH FLOOR WHERE THERE WILL BE A NEW DOOR TO THE ROOM OF THE ELEVATOR TOWER FROM THE EXISTING BUILDING. AT THE SECOND FLOOR THE ONLY WORK IN THE EXISTING BUILDING WILL BE TO BLOCK IN THE EXISTING WINDOWS AND REFINISH THE EXTERIOR WALLS OF THE AFFECTED ROOMS.

ADDENDUM #9, CLIN007, ITEM 3: DELETE BOTH (2) ELEVATORS INCLUDING ALL CONTROLLERS, MACHINES, RAILS, CABS, ENTRANCES, AND ALL OTHER ELEVATOR EQUIPMENT. ELEVATOR STRUCTURAL AND ELECTRICAL REQUIREMENTS TO REMAIN AS DESIGNED. DELETE THE MECHANICAL HVAC REQUIREMENTS FOR THE ELEVATOR EQUIPMENT AS DETAILED ON M104 (THIS SHEET). PROVIDE 6" MASONRY BLOCK KNOCK OUT PANELS FOR THE FUTURE HOISTWAY ENTRANCES TO FACILITATE FUTURE ELEVATOR INSTALLATION.

2 Electrical Roof @ Second Floor Plan

1 Electrical Second Floor Plan

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Addendum #9, CLIN 007 - 08/26/09		12/01/09								Building Number Bldg. 1, South Wing	
											Drawing Number E104 Dwg. 106 of 123

A
three inches = one foot
B
one and one half inch = one foot
C
three quarters inch = one foot
D
one half inch = one foot
E
one quarter inch = one foot
F
one eighth inch = one foot

INFECTION CONTROL RISK ASSESSMENT (ICRA) REQUIREMENTS:

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Electrical Power Basement Plan

1/8" = 1'-0"

REVISIONS	DATE
As-Built Document Revisions	06/26/12
As-Built Document Revisions	10/08/12

AS-BUILT DRAWINGS
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Drawing Title

Electrical Power
Basement Plan

Approved: Project Director

Project Title

Outpatient Mental Health Improvements
Overton Brooks
Veterans Administration Medical Center

Location

Shreveport, Louisiana

Date

01/20/2010

Checked

SEH

Drawn

EAS

Project Number

667-081

Building Number

Bldg. 1, South Wing

Drawing Number

E201

Dwg. 107 of 123

Office of
Facility
Management

100% Submittal

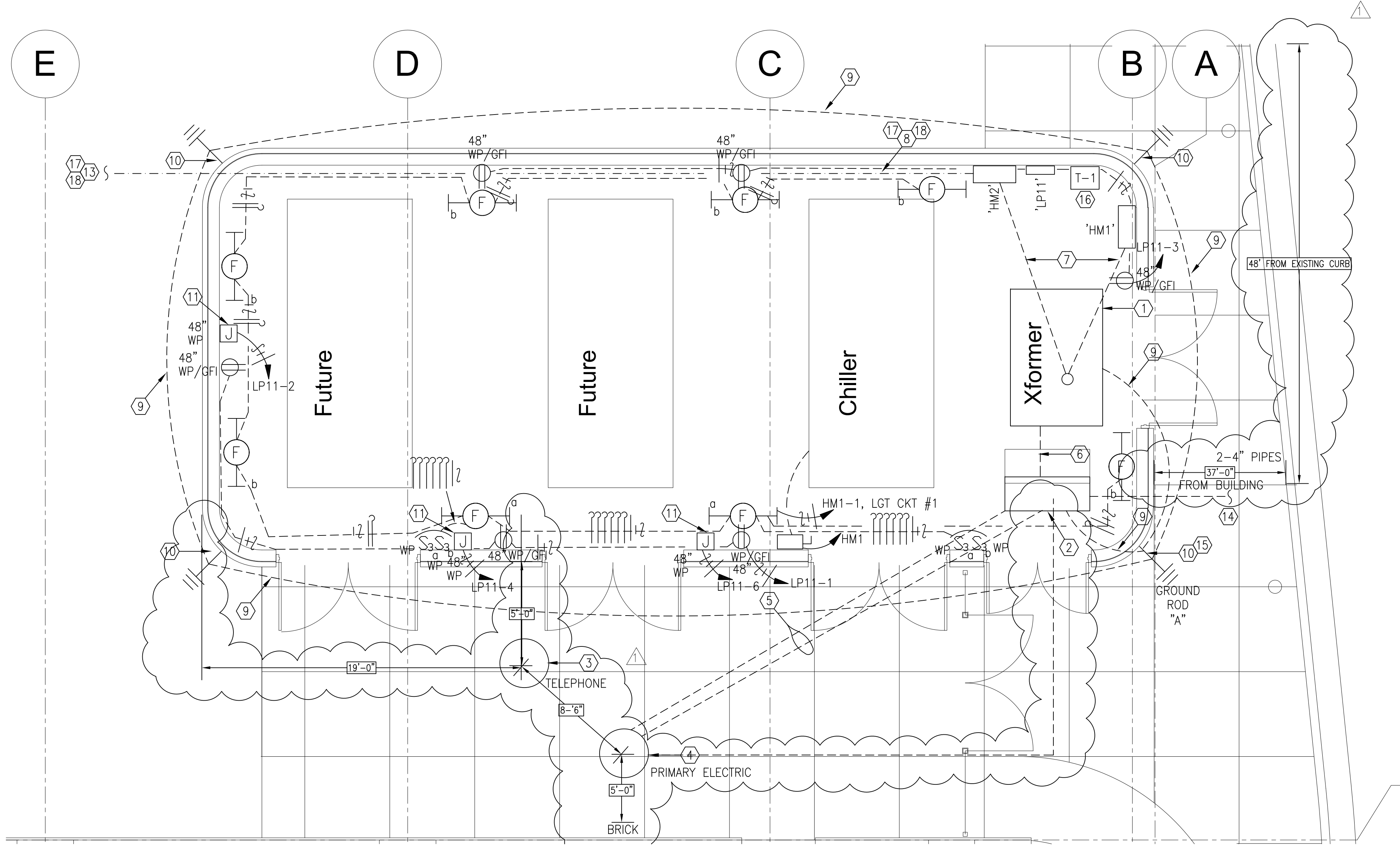
KEYED NOTES:

- RECEPTACLE ABOVE CEILING FOR PROJECTOR. COORDINATE EXACT LOCATION WITH OWNER PRIOR TO ROUGH-IN.
- 1" CONDUIT WITH BRANCH CIRCUIT CONCEALED BEHIND WALL, UP COLUMN TO JUNCTION BOX ABOVE ACCESSIBLE CEILING AND EXTEND CONDUIT ABOVE CEILING TO PANEL.
- RE: E002, WORK BY CONTRACTOR NOTE 6, CRITICAL POWER FOR IT REQUIREMENTS.
- 3 #4, 1 # 8G., 1-1/4" C.
- 3 #12, 1 # 12G., 3/4" C.
- REFER TO E203 FOR CONTINUATION. REFER TO E402, ONE LINE DIAGRAM FOR ADDITIONAL INFORMATION. RE: 5/E501.
- ** TOP OF DUCTBANK SHALL BE MINIMUM 8" BELOW BOTTOM OF GRADE BEAM. COORDINATE WITH GENERAL CONTRACTOR. RE: STRUCTURAL DRAWINGS. TOP OF DUCTBANK SHALL BE 3'-10" BELOW FINISHED FLOOR.
- VERIFY LOCATION OF PLUMBING EQUIPMENT PRIOR TO ROUGH-IN.
- CAMERA POWER SUPPLY. +72" AFF.
- INTEGRATED SWITCHGEAR SIMILAR TO SQUARE D IPAC. EQUIPMENT, INCLUDING TRANSFORMERS ARE PART OF SWITCHGEAR AND SHALL NOT EXCEED FOOTPRINT SHOWN.
- TYPICAL FOR EACH VAV BOX. PROVIDE MOTOR RATED SWITCH FOR VAV DISCONNECT.
- THREE 4" GRSC CONDUITS DOWN INTO CRAWLSPACE, ACROSS CRAWLSPACE MOUNTED TO DECK VIA UNISTRUT SYSTEM AND POST INSTALLED ANCHORS. RE: NOTE 13.
- 32" X 32" X 12" PULLBOX WITH PIANO HINGE DOOR ON BOTTOM MOUNTED TO CRAWLSPACE DECK. COORDINATE LOCATION PRIOR TO ROUGH-IN AND VERIFY THERE IS CLEARANCE TO ACCESS PULLBOX. BOX TO BE COMPLETELY ACCESSIBLE IN CRAWLSPACE.
- EXTEND THREE 4" GRSC CONDUITS OUT OF PULLBOX ALONG DECK(RE: E201, NOTE 12) AND ROUTE CRAWLSPACE AND THROUGH 1 FOOT THICK WALL. PROVIDE 2 COATS BI-TUMASTIC PAINT AROUND GRSC CONDUIT THRU WALL AND WHERE INSTALLED IN GROUND, INCLUDING FIRST 6" IN CRAWLSPACE. TURN CONDUIT UP IN CHASE WHERE NOTED AND ROUTE UP CHASE TO FIRST FLOOR DECK RE: E202, NOTE 6.
- PROVIDE 2" CONDUIT FOR GROUNDING ELECTRODE CONNECTION. RE: E002, WORK BY CONTRACTOR NOTE 8.
- TERMINATE DUCTBANK HERE. EXTEND FOUR 4", ONE 2", AND ONE 1" GRSC CONDUITS THROUGH 1'-0" THICK CONCRETE WALL (PROVIDE 2 COATS OF BI-TUMASTIC PAINT AROUND GRSC THRU WALL. EXTEND CONDUITS THROUGH CRAWL SPACE VIA UNISTRUT SUPPORT SYSTEM MOUNTED TO DECK VIA PORT INSTALLED ANCHORS. CRAWL SPACE DEPTH VARIES BETWEEN 7' AND 1'. EXTEND CONDUITS INTO BS-03. COORDINATE 2" CONDUIT INTO BS-03, RE: E002, WORK BY CONTRACTOR NOTE 8.
- FROM BS-03, STUB-OUT SIX 1" CONDUITS AT DECK AT THIS LOCATION.
- TYPICAL. PROVIDE 4" CONCRETE PADS (3500PSI) WITH 1" CHAMFERRED EDGES FOR TRANSFORMERS AND SQUARE D IPAC SWITCHGEAR.
- PROVIDE 20A, 277V MOTOR RATED SWITCH, SAME HEIGHT AS HEATER. CAST BOX IN CONCRETE.
- NORMAL POWER CIRCUIT IN IT CLOSET, MINIMUM #10 AWG WIRE SIZE.
- 3/4" CONDUIT WITH CONDUCTORS TO DDC PANEL IN BASEMENT MECHANICAL ROOM.
- PROGRAM PANEL HP1 SO THAT CIRCUITS ARE CONTROLLED AS INDICATED ON PANEL SCHEDULES. PROGRAM HP1 TO RECEIVE INPUT FROM DDC PANEL. COORDINATE ALL PROGRAMMING WITH OWNER PRIOR TO START OF WORK.
- PROVIDE 120V POWER TO SMOKE DAMPER. RE: MECH.
- INCLUDE 1" CONDUIT IN DUCTBANK. RE: E402, KEY NOTE 11.

CONSTRUCTION SET 01/20/2010

INFECTION CONTROL RISK ASSESSMENT (ICRA) REQUIREMENTS:

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- KEYED NOTES:**
- SERVICE TRANSFORMER. REFER TO ELECTRICAL ONE LINE AND ELECTRICAL DETAILS SHEET FOR ADDITIONAL REQUIREMENTS.
 - 200A ABOVE GROUND SECTIONALIZING CABINET. REFER TO ELECTRICAL ONE LINE AND ELECTRICAL DETAILS SHEET FOR ADDITIONAL REQUIREMENTS.
 - EXISTING COMMUNICATIONS MANHOLE. REFER TO CIVIL SHEETS FOR ADDITIONAL INFORMATION.
 - EXISTING PRIMARY POWER MANHOLE. EXISTING MEDIUM VOLTAGE CABLE TO BE CUT SPLICED, AND NEW CABLE ROUTED TO NEW SECTIONALIZING CABINET. CUT CABLE AND EXTEND TO SECTIONALIZING CABINET BY SPLICING NEW CABLE TO EXISTING. SPLICE NEW CABLE FROM SECTIONALIZING CABINET BACK INTO MEDIUM VOLTAGE CABLE FEEDING DOWNSTREAM LOADS. MATCH EXISTING CABLE SIZE AND TYPE. USE ONLY FACTORY APPROVED, SUBMERSIBLE TYPE SPLICE KITS. WORK TO BE PERFORMED BY TRADESMAN WITH NO LESS THAN 5 YEARS EXPERIENCE AS RELATED TO MEDIUM VOLTAGE CABLE SPLICES. CONTRACTOR SHALL SHUT-DOWN POWER ONLY ON AN APPROVED WEEK-END. PROVIDE VA (OWNER) 3 WEEKS NOTICE AND RECEIVE WRITTEN PERMISSION TO START OF WORK. ALL WORK SHALL BE ACCOMPLISHED OVER THE APPROVED WEEKEND. PRIMARY POWER MUST BE RESTORED TO EXISTING BUILDINGS BY THE FOLLOWING MONDAY MORNING. POWER TO NEW SERVICE TRANSFORMER MUST BE COMPLETED BY THE FOLLOWING MONDAY MORNING ALSO. RE: PHASING REQUIREMENTS.
 - CONCRETE DUCT BANK WITH (3) 4" CONDUITS FROM EXISTING MAN HOLE TO NEW SECTIONALIZING CABINET. SPLICE AND EXTEND THREE 2/0 PRIMARY CABLES TO SECTIONALIZER AND THREE 2/0 PRIMARY CABLES BACK TO MANHOLE. RE: 7/E501.
 - CONCRETE DUCT BANK WITH (2) 4" CONDUITS FROM NEW SECTIONALIZING CABINET TO NEW TRANSFORMER. NEW THREE #4 MEDIUM VOLTAGE CABLES TO SERVICE TRANSFORMER. RE: 7/E501.
 - SECONDARY SERVICE ENTRANCE IN CONCRETE DUCTBANK. RE: 6/E501.
 - SECONDARY ELECTRICAL SERVICE IN CONCRETE DUCT BANK INTO BUILDING. REFER TO ELECTRICAL ONE-LINE FOR ADDITIONAL REQUIREMENTS. RE: 6/E501.
 - TYPICAL. # 250 KCMIL BARE COPPER CONDUCTOR 24" BELOW. CADWELD TO GROUND RODS.
 - 3/4" X 10' COPPER GROUND ROD.
 - DEDICATED FOR HEAT TAPE.
 - NOT USED.
 - REFER TO E201 FOR CONTINUATION. REFER TO E402, ONE LINE DIAGRAM FOR ADDITIONAL INFORMATION. RE: 5/E501.
 - FROM SECTIONALIZING CABINET, TWO 4" PRIMARY CONDUITS IN CONDUIT DUCTBANK TO STUB-OUT SOUTH OF ROAD. RE: ES01. RE: 7/E501.
 - IDENTIFY THIS GROUND ROD AS 'A'. PROVIDE GROUND WELL.
 - PROVIDE 12" HIGH PAD FOR TRANSFORMER.
 - PROVIDE 2" CONDUIT FOR GROUNDING ELECTRODE CONNECTION. RE: E002, WORK BY CONTRACTOR NOTE 8.
 - PROVIDE 1" SPARE CONDUIT IN DUCTBANK. RE: E402, KEY NOTE 11.

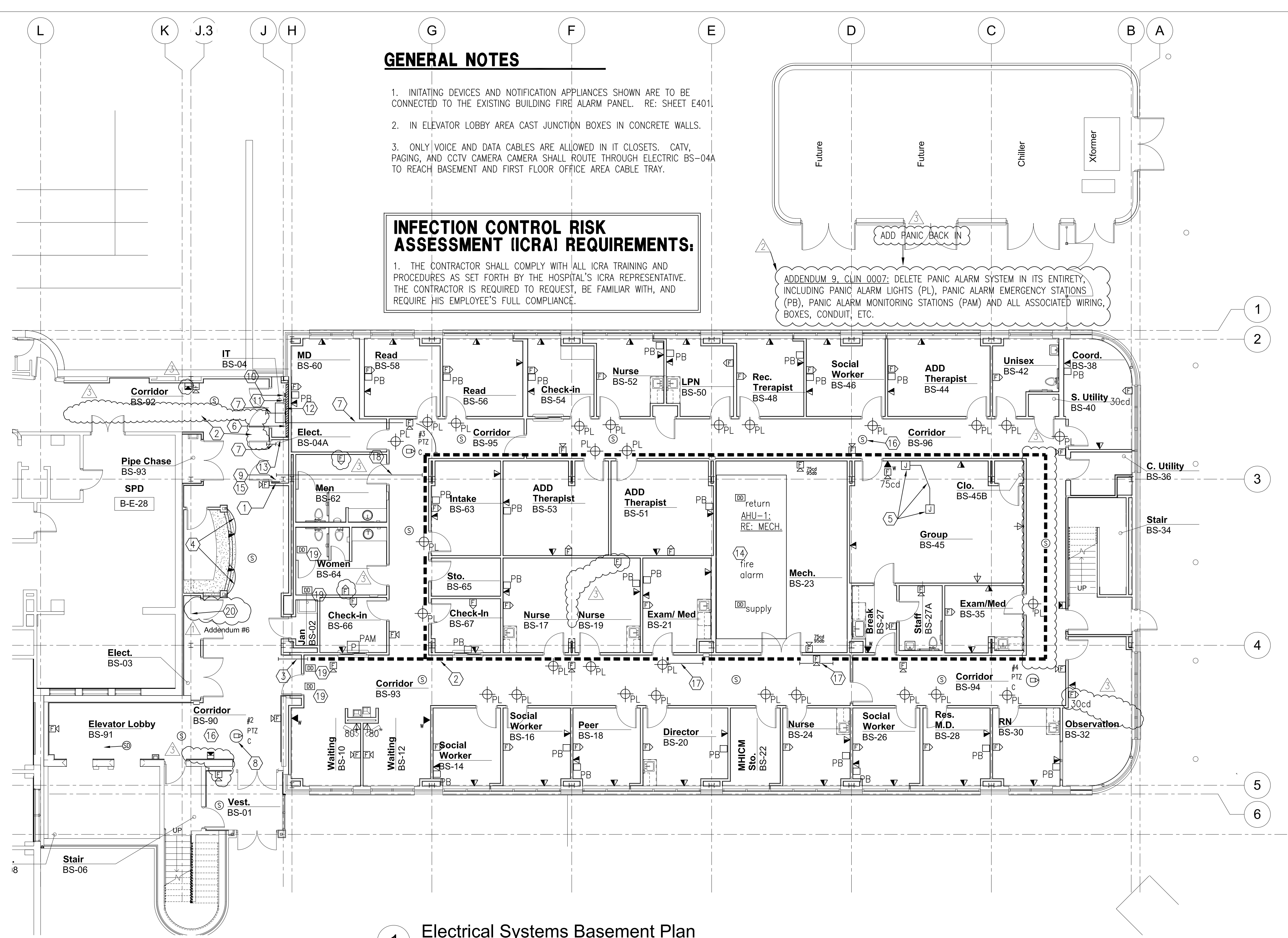
1 Electrical Enlarged Mechanical Enclosure
1/4" = 1'-0"

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	"As-Built" Document Revisions	10/08/12				Approved: Project Director		Location Shreveport, Louisiana		Building Number Bldg. 1, South Wing		
						Date 01/20/2010		Checked SEH		Drawn EAS		
						Drawing Number E203		Dwg. 109 of 123				


1. INITIATING DEVICES AND NOTIFICATION APPLIANCES SHOWN ARE TO BE CONNECTED TO THE EXISTING BUILDING FIRE ALARM PANEL. RE: SHEET E401.
2. IN ELEVATOR LOBBY AREA CAST JUNCTION BOXES IN CONCRETE WALLS.
3. ONLY VOICE AND DATA CABLES ARE ALLOWED IN IT CLOSETS. CATV, PAGING, AND CCTV CAMERA CABLES SHALL ROUTE THROUGH ELECTRIC BS-04A TO REACH BASEMENT AND FIRST FLOOR OFFICE AREA CABLE TRAY.

1. THE CONTRACTOR SHALL COMPLY WITH ALL ICRA TRAINING AND PROCEDURES AS SET FORTH BY THE HOSPITAL'S ICRA REPRESENTATIVE. THE CONTRACTOR IS REQUIRED TO REQUEST, BE FAMILIAR WITH, AND REQUIRE HIS EMPLOYEE'S FULL COMPLIANCE.

ADDENDUM 9, CLIN 0007: DELETE PANIC ALARM SYSTEM IN ITS ENTIRETY, INCLUDING PANIC ALARM LIGHTS (PL), PANIC ALARM EMERGENCY STATIONS (PB), PANIC ALARM MONITORING STATIONS (PAM) AND ALL ASSOCIATED WIRING, BOXES, CONDUIT, ETC.



- ① STARTING AT 6" BELOW THE DECK, (4) 3" UP THRU DECK, UP THRU CHASE ON FIRST FLOOR, ROUTING OVERHEAD TO CABLE TRAY ON FIRST FLOOR. RE: E302.
- ② 12" CEILING HUNG ALUMINUM CABLE TRAY, BOTTOM AT +/- 2" ABOVE CEILING. CABLE TRAY SHALL BE BY B-LINE ALUMINUM SERIES 25A0612-144, 12"x5" CABLE TRAY, 6" RUNGS, EACH PIECE MAXIMUM LENGTH 12'. INSTALL CONTINUOUS CABLE TRAY, SECURED TOGETHER PER MANUFACTURER'S RECOMMENDATIONS. PROVIDE 90DEGREE HORIZONTAL BENDS WITH 36" RADIUS. PROVIDE STRAIGHT SECTION, 6" LOADING DEPTH DIVIDING CABLE TRAY INTO 8" WIDE AND 4" WIDE SECTIONS, B-LINE: 75A. EQUIVALENT MANUFACTURER'S: GS METALS, THOMAS & BETTS.
- ③ PROVIDE (2) 4" 3M FIRE BARRIER PASS THROUGH DEVICES (OR EQUAL) IN WALL ABOVE FINISHED CEILING FOR CABLING.
- ④ 1" CONDUIT WITH VOICE/DATA CABLING CONCEALED BEHIND WALL, UP COLUMN TO JUNCTION BOX ABOVE ACCESSIBLE CEILING AND EXTEND CONDUIT ABOVE CEILING TO STUB-OUT IN IT CLOSET.
- ⑤ ³12"x12"x4" J BOX IN WALL FOR PROJECTOR A/V CONNECTIONS. 2-1/2" CONDUIT IN WALL TO JUNCTION BOX ABOVE CEILING MOUNTED PROJECTOR. COORDINATE LOCATION WITH OWNER PRIOR TO ROUGH-IN. PROVIDE PULL STRINGS IN EMPTY CONDUIT.
- ⑥ PROVIDE 8' x 3/4" FIRE-RETARDANT PLYWOOD THE LENGTH OF WALL FOR ITB TERMINALS.
- ⑦ 6" ABOVE CABLE TRAY, ROUTE (3) 4" CONDUITS AS SHOWN TO IT CLOSET. SEAL ALL PENETRATIONS THROUGH WALLS ABOVE CEILINGS. PROVIDE (3) 4" 3M FIRE BARRIER PASS THROUGH DEVICES (OR EQUAL) IN WALL ABOVE FINISHED CEILING.
- ⑧ COORDINATE ALL WORK WITH VA POLICE PRIOR TO START OF WORK. 1" CONDUIT ABOVE CEILING TO BASEMENT ELEC CLOSET BS-04A.
- ⑨ CATV 2GZ BI-DIRECTIONAL SPLITTER. RE: E002, WORK BY CONTRACTOR NOTE 3. +24" AFF.
- ⑩ TELEPHONE GROUND BAR: RE: E402
- ⑪ 100 PAIR CAT 5E CABLE PUNCHDOWN ON 110 BLOCKS. RE: E002.
- ⑫ PATCH PANEL RACK: RE: E503.
- ⑬ FIRE ALARM NOTIFICATION APPLIANCE PANEL LOCATIONS
- ⑭ FROM FIRE ALARM SYSTEM PROVIDE CONNECTION TO SHUT-DOWN AHU-1.
- ⑮ SECURITY SYSTEM CAMERA POWER SUPPLY. RE: E201.
- ⑯ TYPICAL SPEAKER. REFER TO SHEET E002. WORK BY CONTRACTOR NOTE 4. ROUTE SPEAKER WIRING BETWEEN SPEAKERS UTILIZING CABLE TRAY AS RACEWAY. WHERE THERE IS NO CABLE TRAY WITHIN SIX FEET OF SPEAKER, WIRING SHALL BE IN 1 / 2 " CONDUIT BETWEEN SPEAKERS.
- ⑰ THREE 3" CONDUITS TO ROUTE OVER DUCTWORK AND STUB-OUT 6" ABOVE CABLE TRAY.
- ⑱ FOUR 3" CONDUITS TO STUB-OUT 6" ABOVE CABLE TRAY.
- ⑲ SMOKE DAMPER THRU SMOKE WALL, RE: MECH. PROVIDE SMOKE DETECTOR. LOCATE WITHIN 5 FEET OF DAMPER.
- ⑳ AT PANEL, HP1, ADD A DATA DROP (CAT 5E), 1" CONDUIT BACK TO IT BS-04 EQUIPMENT. PROVIDE 10 FEET SPARE CABLING AT PANEL HP1. TERMINATE AT BOTH ENDS.

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Date 01/20/2010	Checked SEH	Drawn EAS	Drawing Number E301 Dwg. <u>110</u> of <u>123</u>	

CONSTRUCTION SET 01/20/2010

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KEYED NOTES:

- 12" CEILING HUNG ALUMINUM CABLE TRAY, BOTTOM AT +/- 2" ABOVE CEILING. CABLE TRAY SHALL BE BY B-LINE ALUMINUM SERIES 25A0612-144, 12"x5" CABLE TRAY, 6" RUNGS, EACH PIECE MAXIMUM LENGTH 12'. INSTALL CONTINUOUS CABLE TRAY, SECURED TOGETHER PER MANUFACTURER'S RECOMMENDATIONS. PROVIDE 90DEGREE HORIZONTAL BENDS WITH 36" RADIUS. PROVIDE STRAIGHT SECTION, 6" LOADING DEPTH DIVIDING CABLE TRAY INTO 8" WIDE AND 4" WIDE SECTIONS, B-LINE: 75A. EQUIVALENT MANUFACTURER'S: GS METALS, THOMAS & BETTS.
- PROVIDE (2) 4" 3M FIRE BARRIER PASS THROUGH DEVICES (OR EQUAL) IN WALL ABOVE FINISHED CEILING FOR CABLING.
- PROVIDE 8' x 3/4" FIRE-RETARDANT PLYWOOD THE LENGTH OF WALL FOR ITB TERMINALS.
- COORDINATE ALL WORK WITH VA POLICE PRIOR TO START OF WORK. 1" CONDUIT DOWN ACROSS 2-HR PARTITION TO CABLE TRAY.
- 1" CONDUIT WITH VOICE/DATA CABLING CONCEALED BEHIND WALL, UP COLUMN TO JUNCTION BOX ABOVE ACCESSIBLE CEILING AND EXTEND CONDUIT ABOVE CEILING TO STUB-OUT IN IT CLOSET.
- 6" ABOVE CABLE TRAY, ROUTE (3) 4" CONDUITS AS SHOWN TO IT CLOSET. SEAL ALL PENETRATIONS THROUGH WALLS ABOVE CEILINGS. PROVIDE (3) 4" 3M FIRE BARRIER PASS THROUGH DEVICES (OR EQUAL) IN WALL ABOVE FINISHED CEILING.
- TYPICAL SPEAKER. REFER TO SHEET E02. WORK BY CONTRACTOR NOTE 4. ROUTE SPEAKER WIRING BETWEEN SPEAKERS UTILIZING CABLE TRAY AS RACEWAY. WHERE THERE IS NO CABLE TRAY WITHIN 6 FEET OF SPEAKER, WIRING SHALL BE IN 1 / 2 " CONDUIT BETWEEN SPEAKERS.
- PROVIDE THREE 4" CONDUIT SLEEVES THROUGH FLOOR. STUB-OUT 4" PAST FLOOR EITHER DIRECTION AND PROVIDE INSULATED BUSHINGS.
- THREE 3" CONDUITS TO ROUTE OVER DUCTWORK AND STUB-OUT 6" ABOVE CABLE TRAY.
- RE: E301, ELEC BS-04A. EXTEND FOUR 3" CONDUITS THRU FIRST FLOOR SLAB, UP CONCEALED IN CHASE, AND ROUTE ABOVE CEILING TO STUB-OUT 6" ABOVE CABLE TRAY IN CORRIDOR.
- FLOW SWITCH. VERIFY LOCATION WITH FIRE PROTECTION CONTRACTOR PRIOR TO ROUGH-IN.
- SMOKE DAMPER THRU SMOKE WALL, RE: MECH. PROVIDE SMOKE DUCT DETECTOR. LOCATE WITHIN FIVE FEET OF DAMPER.

GENERAL NOTES

1. INITATING DEVICES AND NOTIFICATION APPLIANCES SHOWN ARE TO BE CONNECTED TO THE EXISTING BUILDING FIRE ALARM PANEL. RE: SHEET E401.
2. IN ELEVATOR LOBBY AREA CAST JUNCTION BOXES IN CONCRETE WALLS. TO STRUCTURE AND TRANSITION TO EMT AFTER PASSING THROUGH BARRIER.

1 Electrical Systems First Floor Plan
1/8" = 1'-0"

REVISIONS		DATE	AS-BUILT DRAWINGS This document has been prepared based on As-Built information provided by others. Those relying on this document are advised to obtain independent verification of its accuracy before using it for any purpose.	CONSULTANTS: Jacobs Engineering JACOBS 10816 EXECUTIVE CENTER DRIVE, SUITE 300 LITTLE ROCK, ARKANSAS 72114-3833 PHONE (501) 223-0515 FAX (501) 223-2470 JACOBS PROJECT NO: F3W81800	ARCHITECT/ENGINEERS: Tompkins Architects, LLC  612 N.W. Kay Drive Lee's Summit, Missouri 64063 Phone: (816) 525-9833 Fax: (816) 524-9005 Email: jet@tom-arch.com	ARCHITECT/ENGINEERS:  STUCK associates ARCHITECTS Phone: (501) 378-0059 www.stuckarch.com 1308 South Main Street Little Rock, Arkansas 72202	Drawing Title		Project Title Outpatient Mental Health Improvements Overton Brooks Veterans Administration Medical Center	Project Number 667-081	Office of Facility Management 100% Submittal		
1		12/01/09					Approved: Project Director					Location Shreveport, Louisiana	
2		06/26/12											
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CONSTRUCTION SET 01/20/2010

three inches = one foot

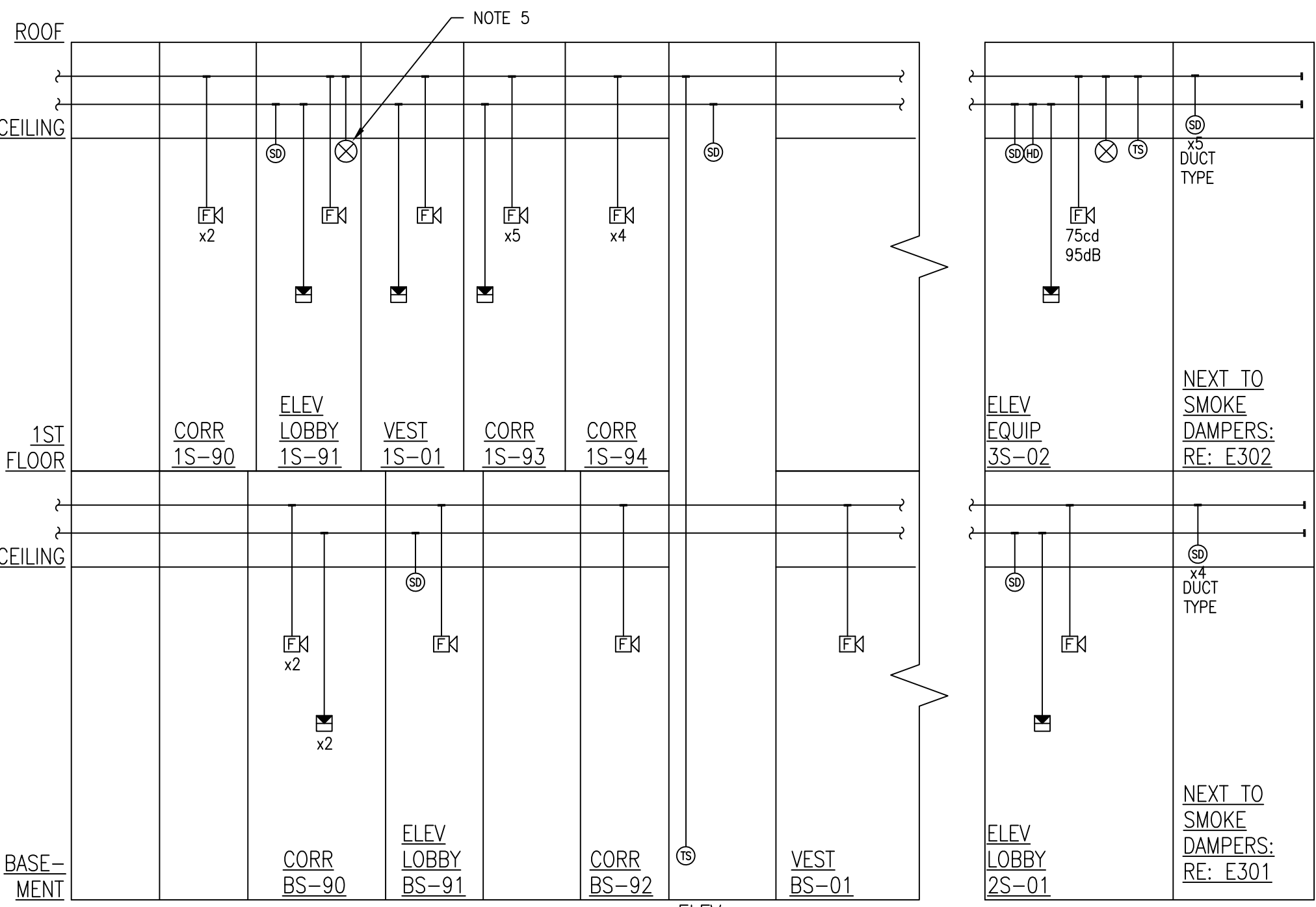
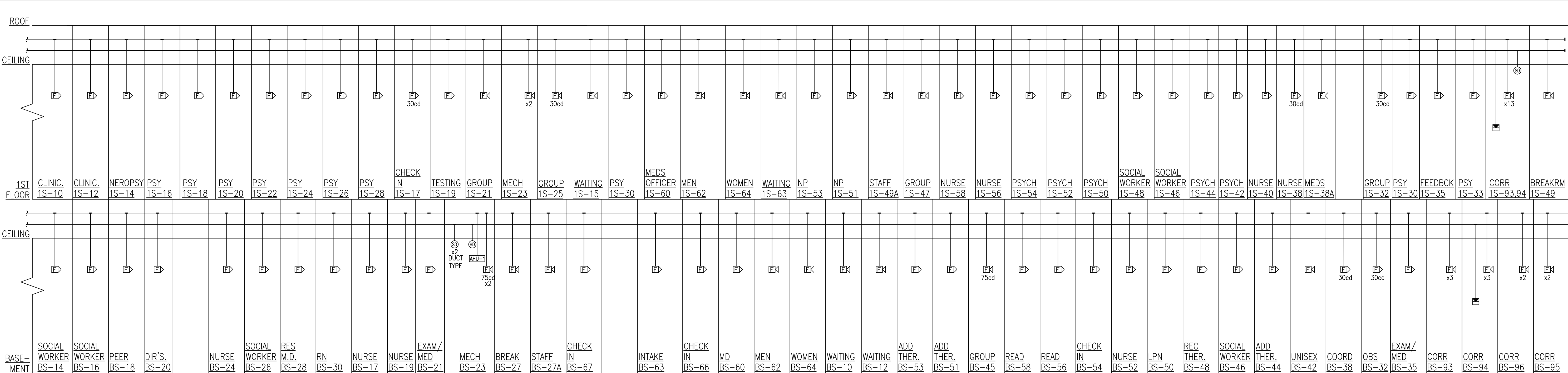
one and one half inch = one foot

three quarters inch = one foot

one half inch = one foot

one quarter inch = one foot

one eighth inch = one foot



FIRE ALARM SYSTEMS RISER DIAGRAM NOTES:

1. REFER TO DIVISION 28 SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
2. PROVIDE ALL NECESSARY INTERLOCK RELAYS TO SHUTDOWN AIR HANDLING EQUIPMENT UPON ALARM. COORDINATE INTERLOCK WIRING WITH MECHANICAL CONTRACTOR.
3. FIRE ALARM CIRCUITS TO BE CONNECTED TO EXISTING FIRE ALARM CONTROL PANEL IN EXISTING BUILDING.
4. SMOKE DUCT DETECTORS WIRED AND PROVIDED BY ELECTRICAL CONTRACTOR AND INSTALLED BY MECHANICAL CONTRACTOR.
5. PROVIDE FIRE ALARM NAC PANELS IN NEW BASEMENT ELECTRICAL ROOM.
6. EXISTING FIRE ALARM CONTROL PANEL (UNIT) IS JOHNSON CONTROLS INTELLIGENT FIRE DETECTION & ALARM SYSTEM.
7. AS PART OF THIS WORK, PROVIDE FOUR ADDITIONAL FLOW SWITCHES LOCATED AT DIFFERENT LOCATIONS AROUND THE BUILDING TO BE DETERMINED BY THE FIRE PROTECTION CONTRACTOR. PROVIDE DEVICES, WIRING, CONDUIT, AND CONNECTION TO THE FIRE ALARM CONTROL UNIT.

FIRE ALARM SYSTEM INTERFACE KEYED NOTES:

1. FUSED DISCONNECT SWITCH, SIZE AS STATED ON DRAWINGS.
2. ELEVATOR RECALL SIGNAL (PHASE I FIRE SERVICE) FROM EXISTING FACP TO ELEVATOR CONTROL PANEL.
3. EACH ELEVATOR LOBBY SMOKE DETECTOR PROGRAMMED IN FACP TO RETURN ELEVATOR CAB TO ALTERNATE DESIGNATED FLOOR IF DETECTOR IS ACTIVATED.
4. TEMPERATURE SETTING OF HEAT DETECTOR SET LOWER THAN SPRINKLER HEAD. ACTIVATION OF MACHINE ROOM OR SHAFT MOUNTED HEAT DETECTOR SHALL INITIATE GENERAL BUILDING ALARM AND ELEVATOR RECALL FUNCTION.
5. FLOW SWITCH AND TAMPER SWITCH LOCATIONS TO BE VERIFIED WITH FIRE PROTECTION CONTRACTOR PRIOR TO ROUGH-IN.
6. PROVIDE ALL REQUIRED WIRING CONNECTIONS BETWEEN TAPS UNIT (BATTERY BACK-UP UNIT) AND ELEVATOR CONTROL PANEL. TAPS UNIT LOCATED AHEAD OF ELEVATOR CONTROL PANEL. RE: E104, E402.
7. SHAFT MOUNTED SMOKE DETECTORS, WHEN ACTIVATED, SHALL INITIATE ELEVATOR RECALL FUNCTION AND SOUND GENERAL BUILDING ALARM.
8. 3/4" WITH FIRE ALARM CONDUCTORS TO MECHANICAL DDC CONTROL PANEL IN ADDITION BASEMENT MECHANICAL ROOM BS-23.

1 Fire Alarm Riser Diagram

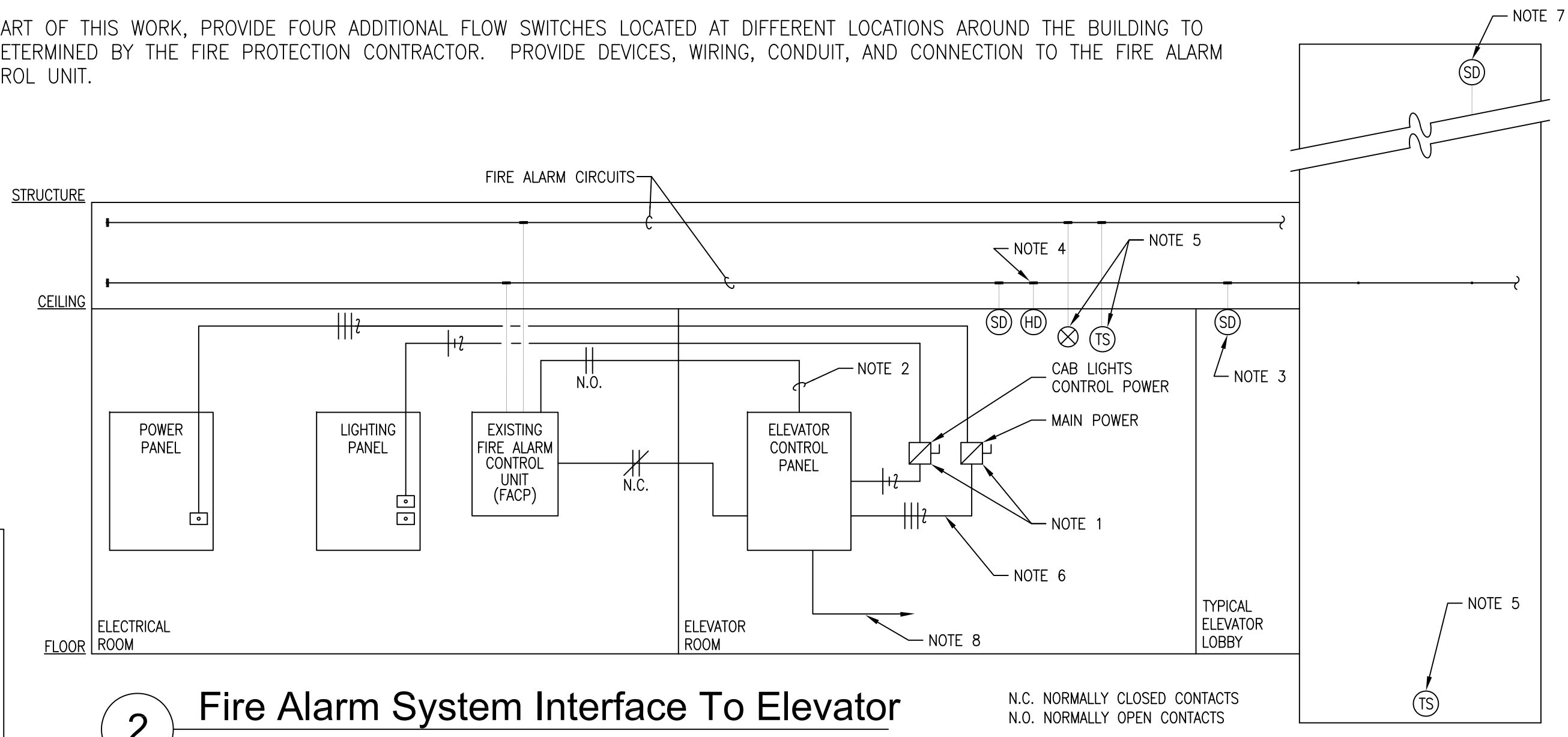
None

INFECTION CONTROL RISK ASSESSMENT ICRA REQUIREMENTS

1. THE CONTRACTOR SHALL COMPLY WITH ALL ICRA TRAINING AND PROCEDURES AS SET FORTH BY THE HOSPITAL'S ICRA REPRESENTATIVE. THE CONTRACTOR IS REQUIRED TO REQUEST, BE FAMILIAR WITH, AND REQUIRE HIS EMPLOYEE'S FULL COMPLIANCE.

2 Fire Alarm System Interface To Elevator

None



REVISIONS	DATE

AS-BUILT DRAWINGS
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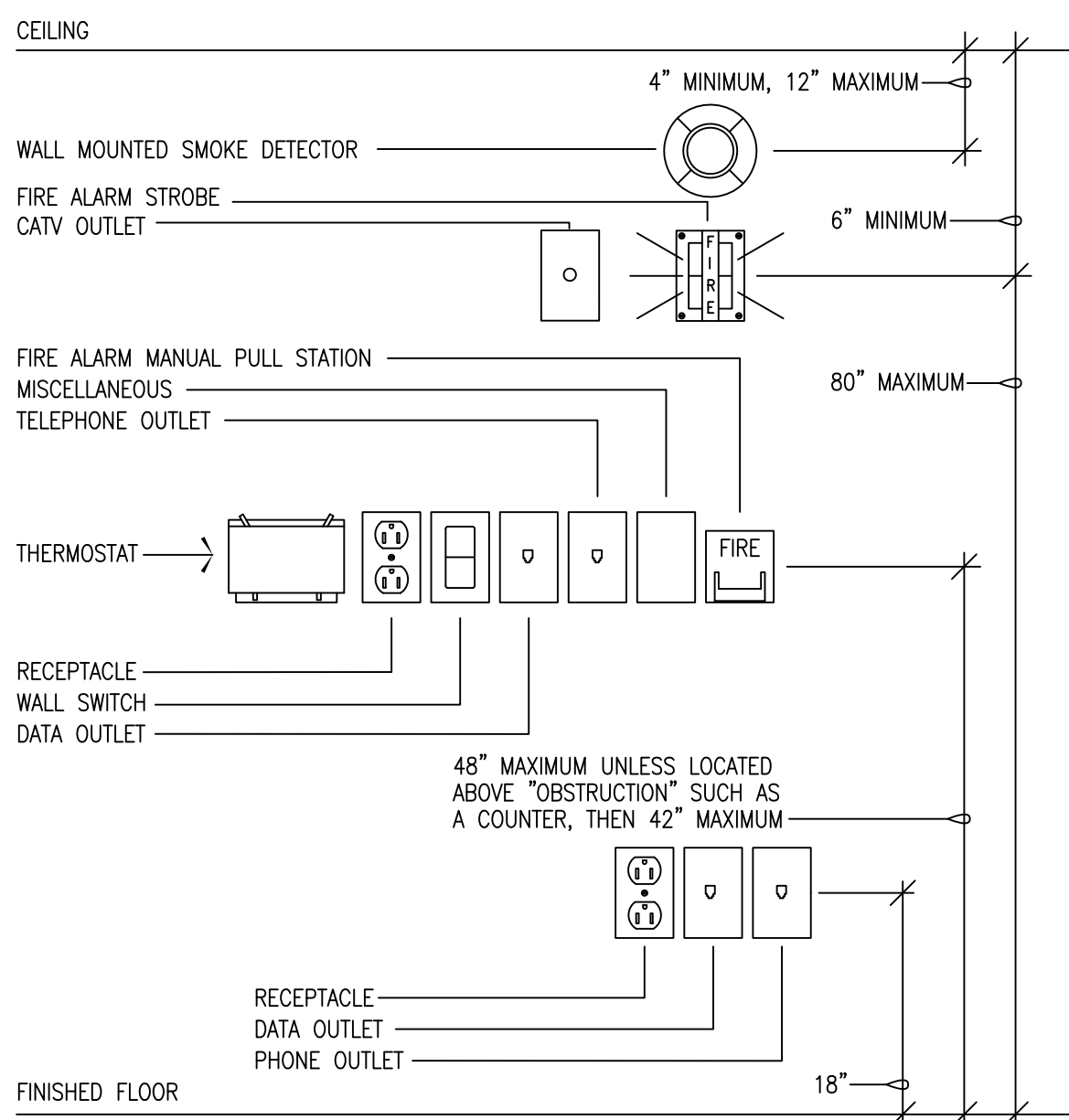
Drawing Title
Fire Alarm Riser
Approved: Project Director

Project Title
**Outpatient Mental Health Improvements
Overton Brooks
Veterans Administration Medical Center**
Location
Shreveport, Louisiana
Date
01/20/2010
Checked
SEH
Drawn
EAS
Project Number
667-081
Building Number
Bldg. 1, South Wing
Drawing Number
E401
Dwg. 112 of 123

**Office of
Facility
Management**

100% Submittal

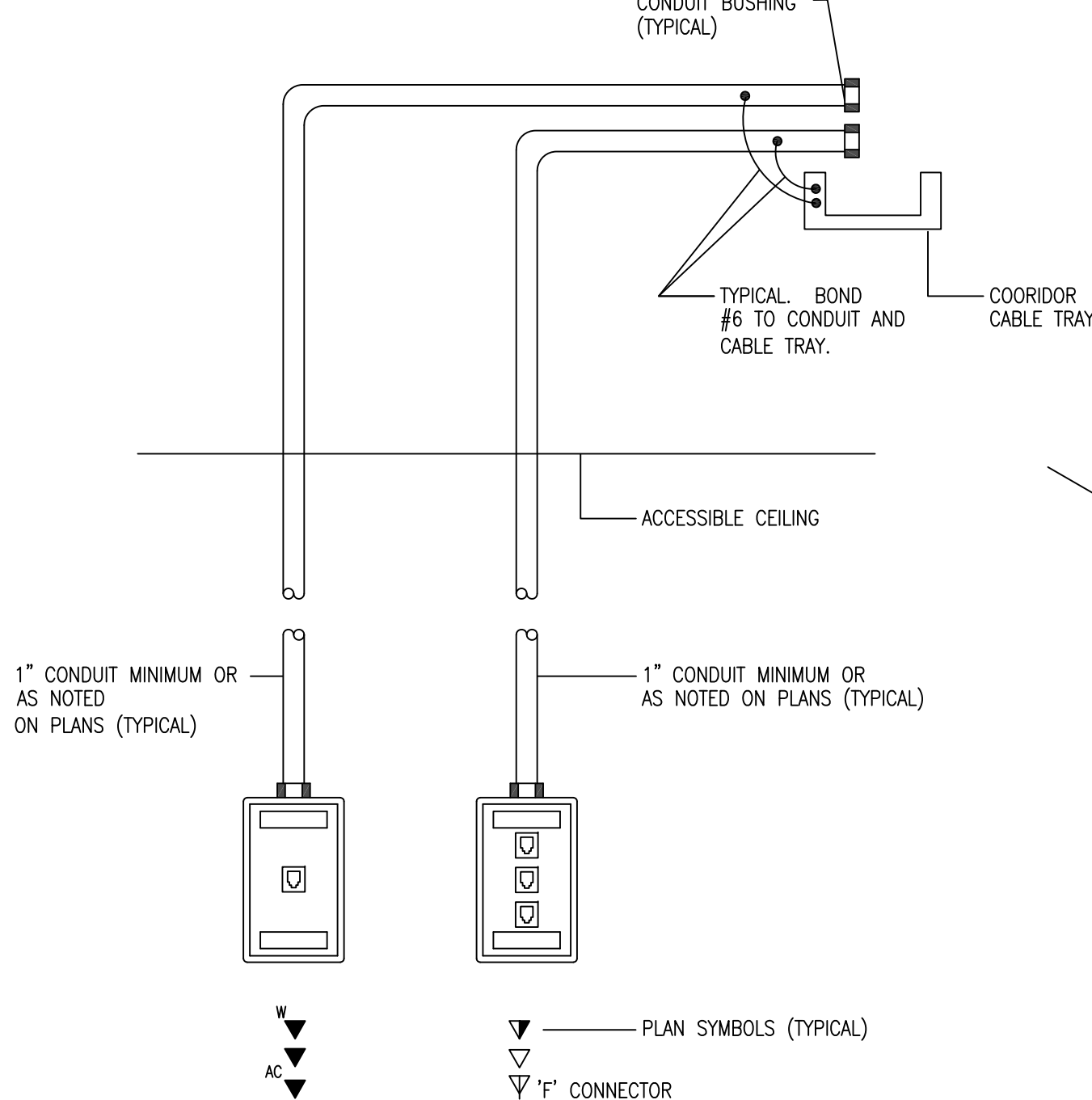
A
three inches = one foot
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one and one half inch = one foot
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E
one quarter inch = one foot
F
one eighth inch = one foot



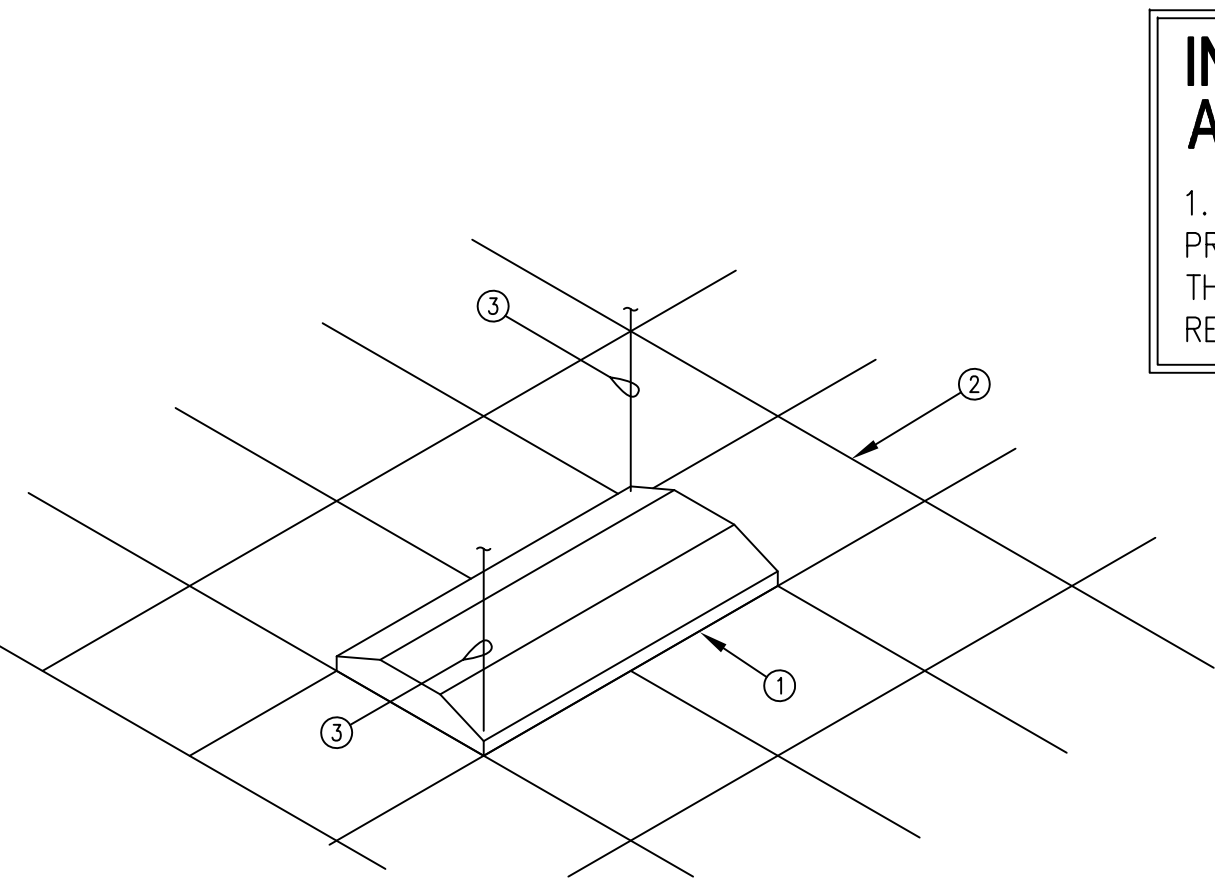
1 DEVICE MOUNTING HEIGHTS
SCALE: NONE

GENERAL MOUNTING HEIGHT NOTES:

- A. COORDINATE WITH ARCHITECT FOR EXACT LOCATION AND ELEVATION OF ALL DEVICES IN PROXIMITY TO SINKS, COUNTERTOPS, CABINETS AND ARCHITECTURAL FEATURE ELEMENTS.



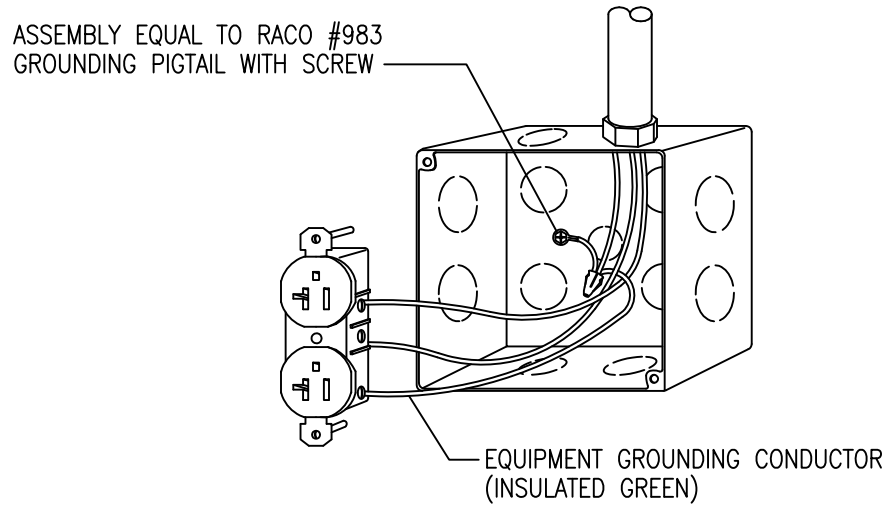
2 TELECOMMUNICATIONS OUTLETS
SCALE: NONE



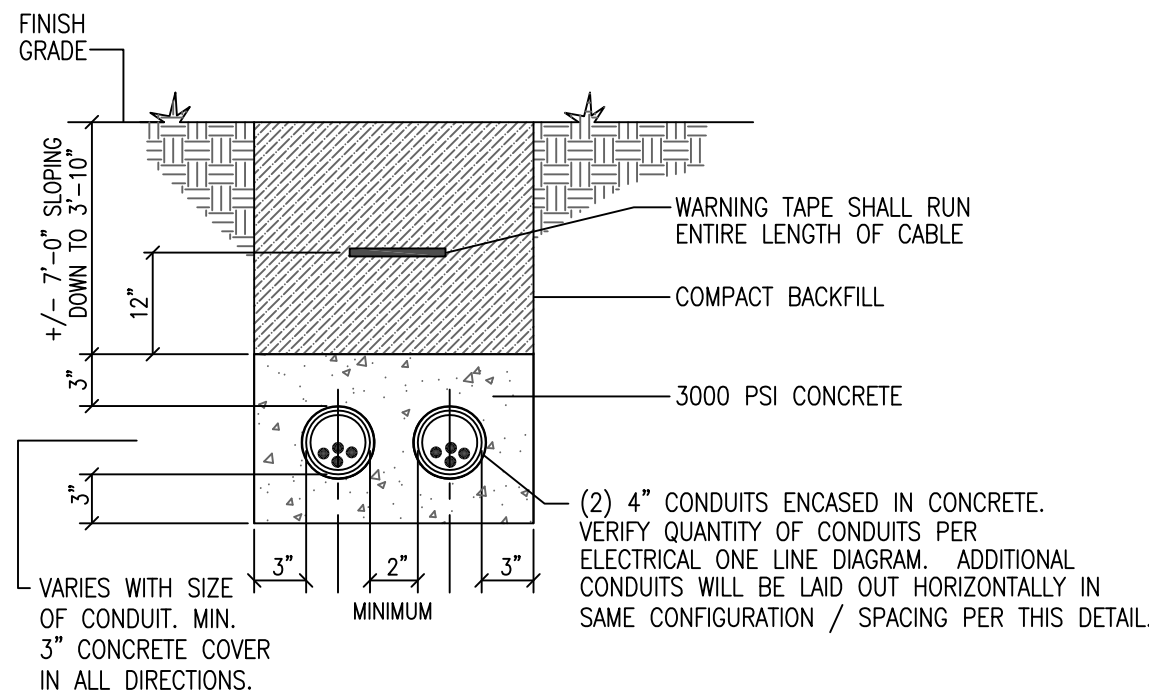
LAY-IN FIXTURE NOTES
① 2'x2' OR 2'x4' LAY-IN FLUORESCENT FIXTURE
② SUSPENDED CEILING
③ TIE WIRE; CONNECT A MINIMUM OF (2) OPPOSITE CORNERS OF FIXTURE TO STRUCTURE ABOVE INDEPENDENT OF OTHER CEILING SUPPORTS.

3 TYPICAL LAY-IN FIXTURE SUPPORT
SCALE: NONE

INFECTION CONTROL RISK ASSESSMENT ICRA REQUIREMENTS
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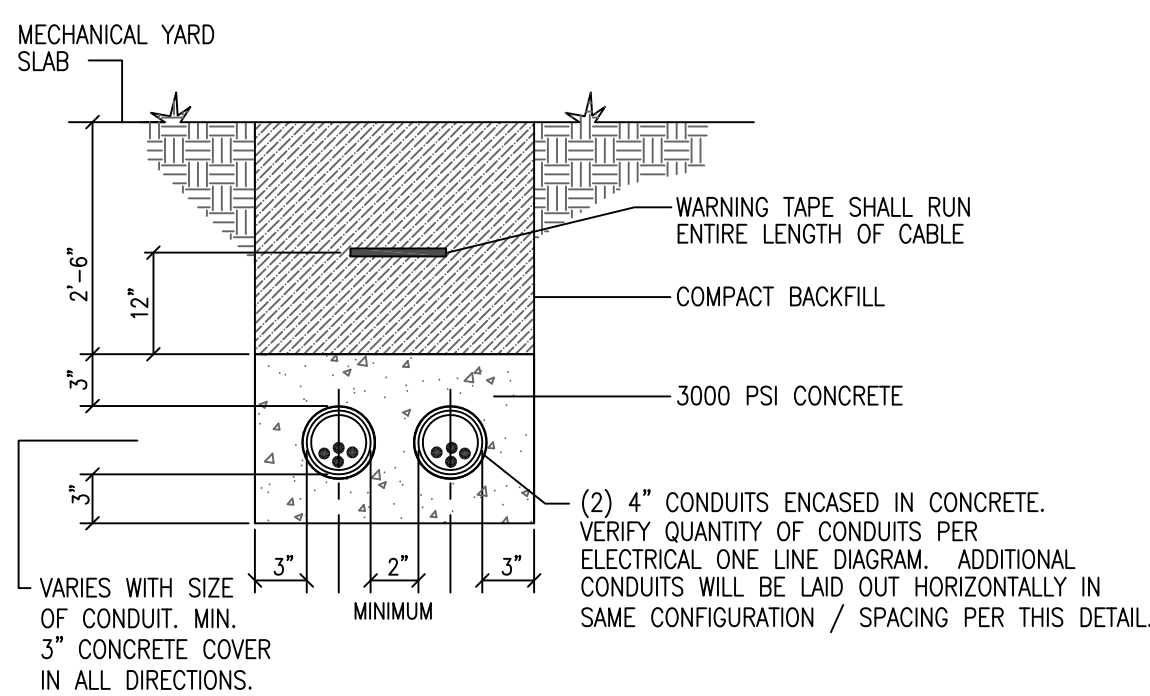
4 DEVICE/JUNCTION BOX GROUNDING
SCALE: NONE
UTILIZE SAME GROUNDING METHOD FOR SWITCHES



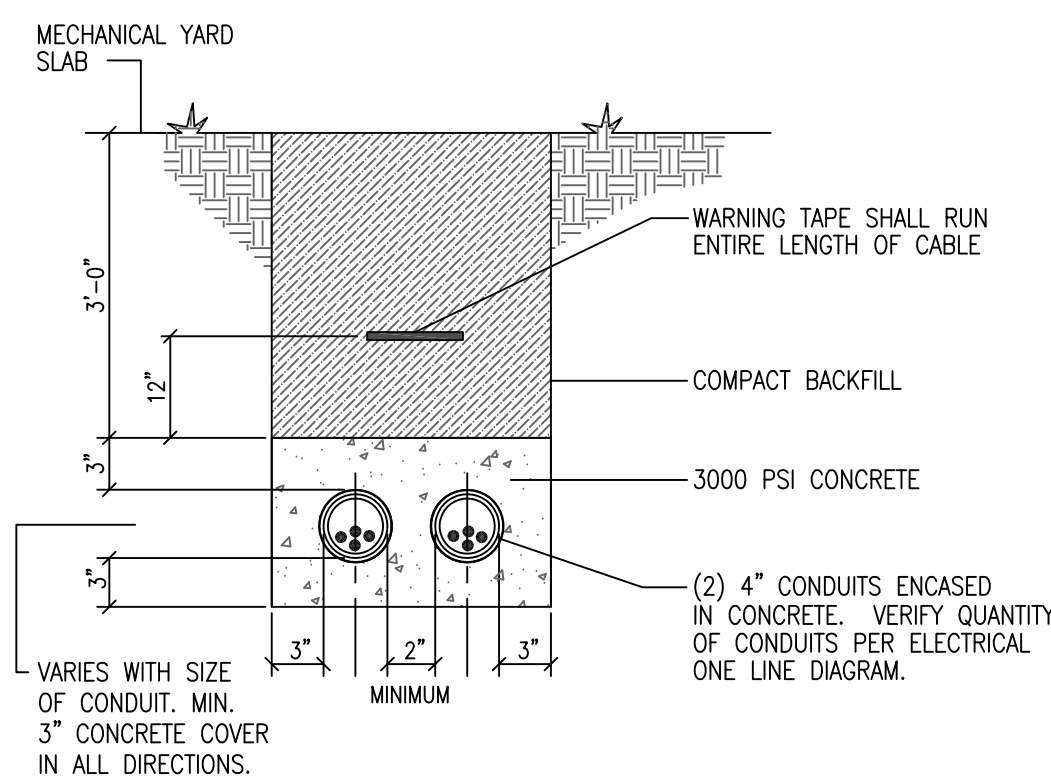
SERVICE ENTRANCE CONDUITS AND FEEDER TO PANEL HDP1 NORTH OF MECHANICAL ENCLOSURE
5
SCALE: NONE

GENERAL NOTES:

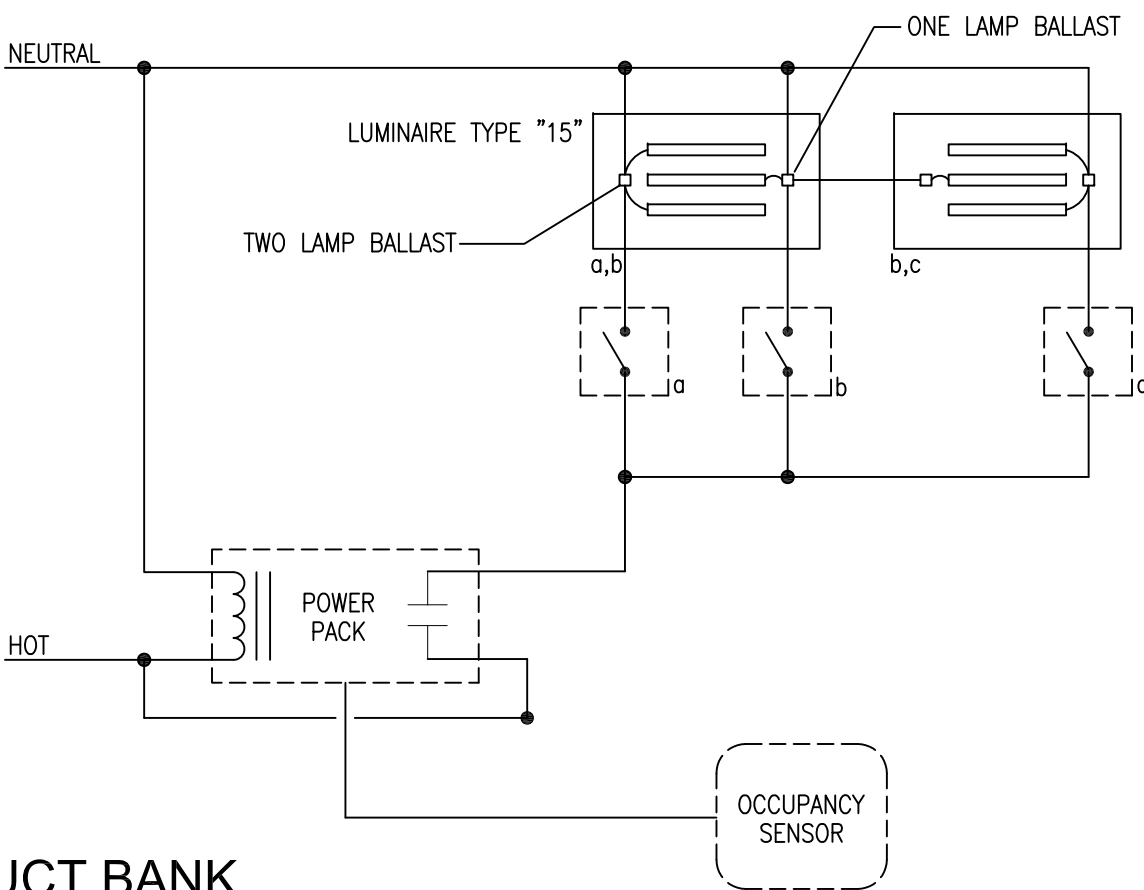
1. WHERE THE DUCTBANK LEAVES THE MECHANICAL YARD SLAB, THE DEPTH OF THE TOP OF THE DUCTBANK IS +/- 7'-0" BELOW GRADE. AS THE DUCTBANK ROUTES TO THE BUILDING, THE DEPTH OF THE DUCTBANK WILL DECREASE AS THE DEPTH OF THE HILL DECREASES. THE DUCTBANK ROUTES UNDERNEATH THE BUILDING BETWEEN FOOTERS, TOP OF DCUTBANK 24" BELOW FINISH SLAB.



SERVICE ENTRANCE CONDUITS AND FEEDER TO PANEL HDP1 AT MECHANICAL YARD
6
SCALE: NONE



7 PRIMARY (MEDIUM VOLTAGE) CONDUIT DUCT BANK
SCALE: NONE



8 TYPICAL OFFICE LIGHTING CONTROL
SCALE: N.T.S.

REVISIONS	DATE

AS-BUILT DRAWINGS
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Little Rock, Arkansas 72202

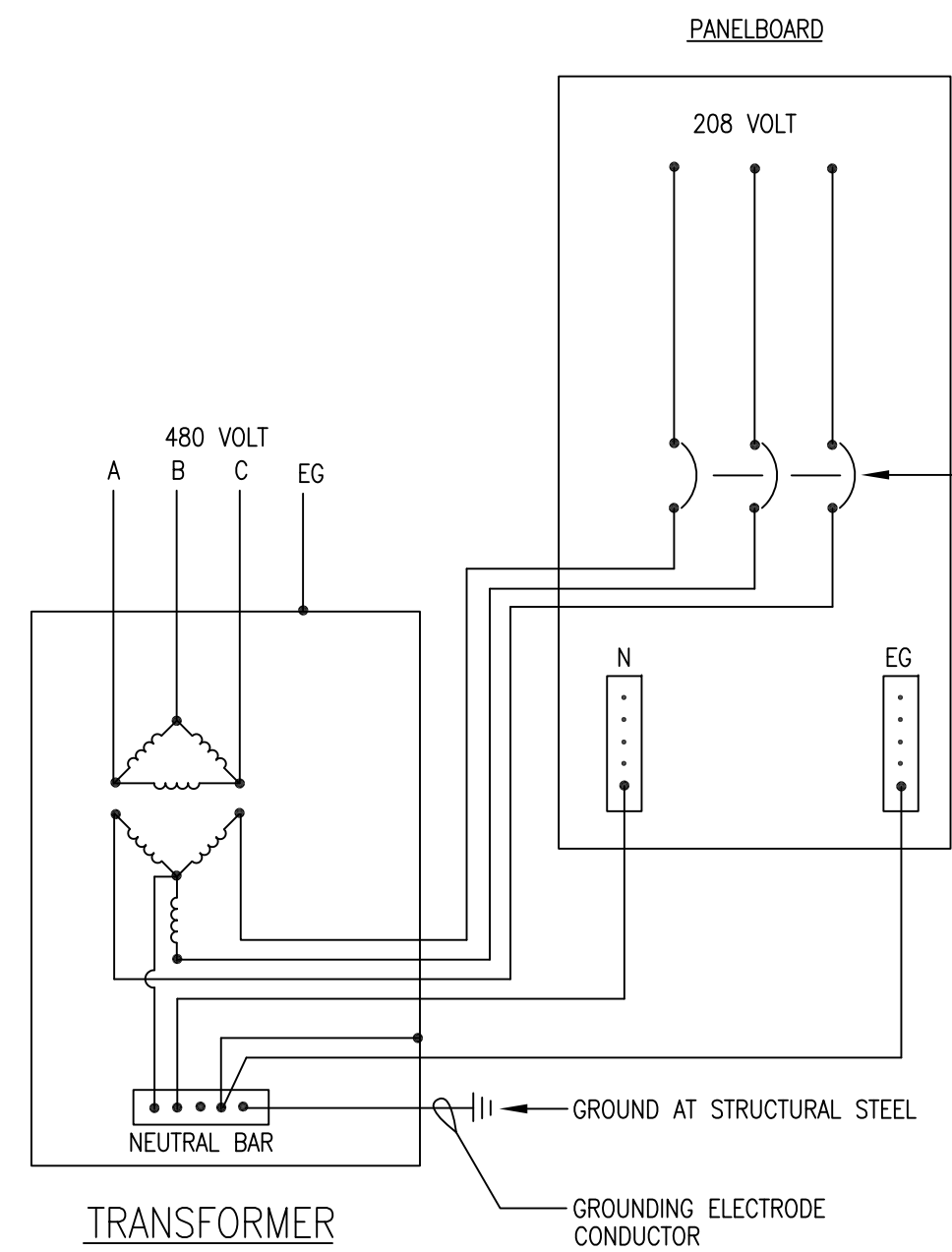
Drawing Title
Electrical Details
Approved: Project Director

Project Title
**Outpatient Mental Health Improvements
Overton Brooks
Veterans Administration Medical Center**
Location
Shreveport, Louisiana
Date
01/20/2010
Checked
SEH
Drawn
EAS

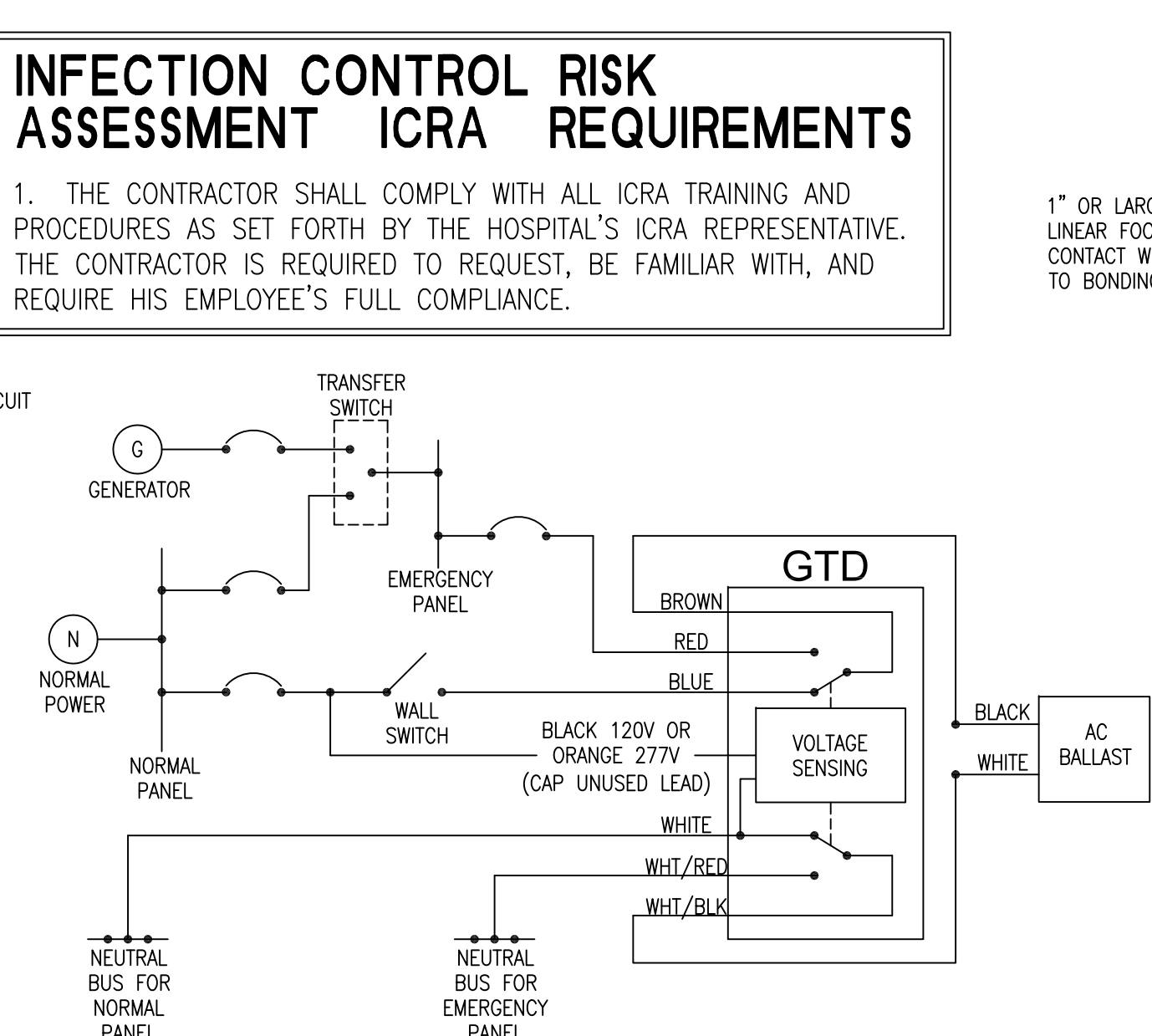
Project Number
667-081
Building Number
Bldg. 1, South Wing
Drawing Number
E501
Dwg. **114** of **123**

**Office of
Facility
Management**

100% Submittal

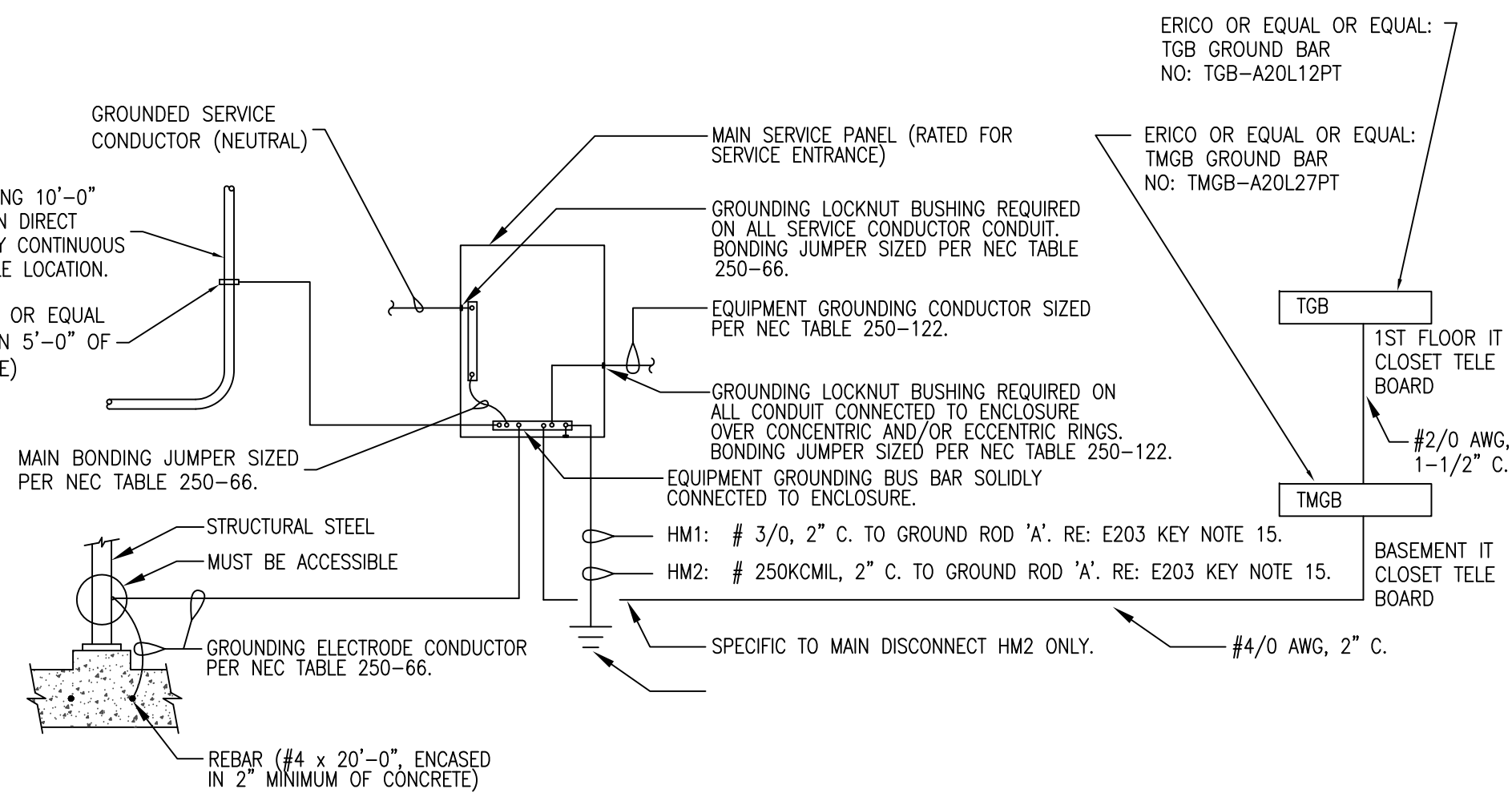


1 TYPICAL DRY-TYPE TRANSFORMER GROUNDING



2 GTD GENERATOR TRANSFER DEVICE

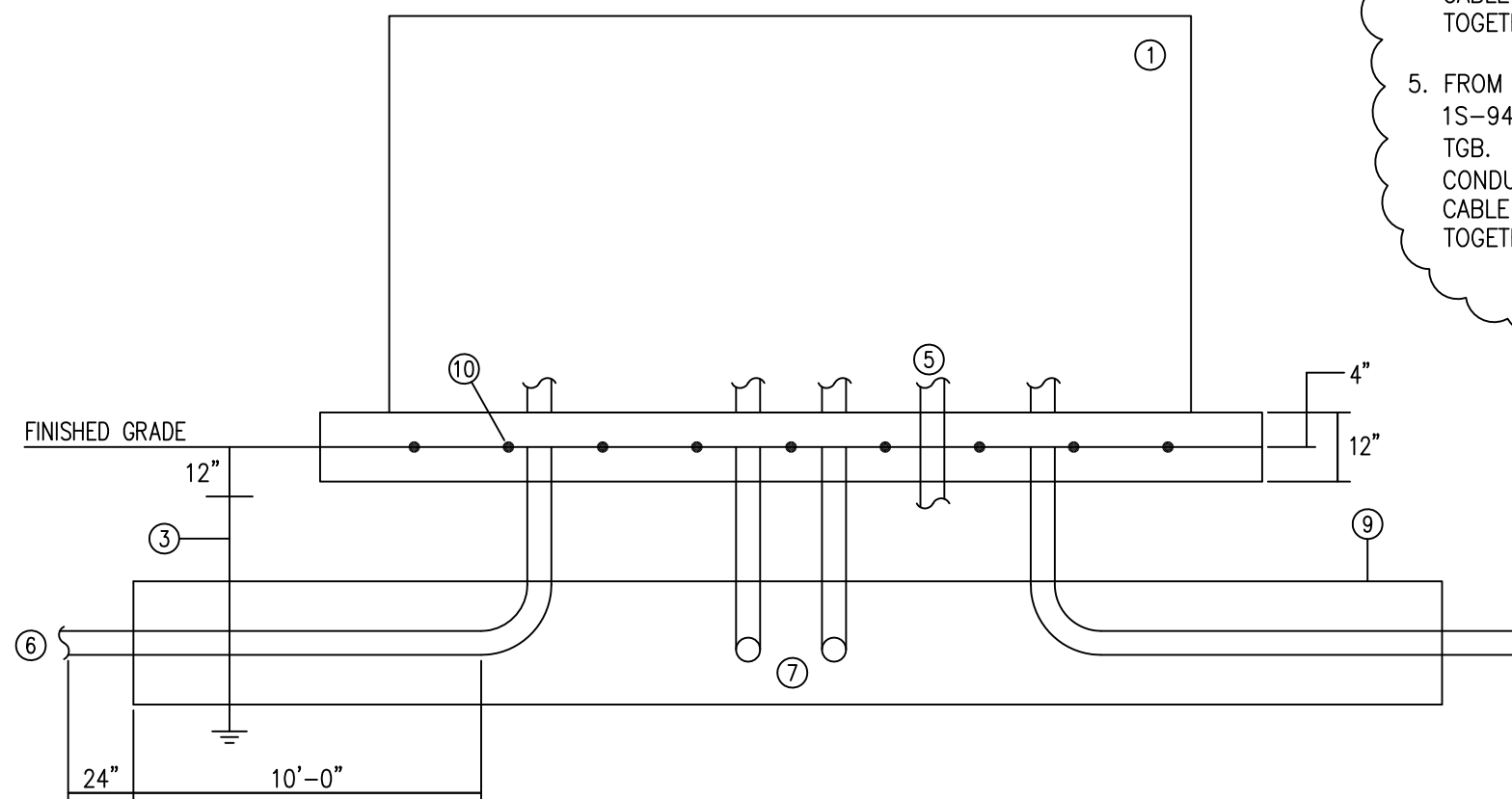
- NOTES:
1. THIS DETAIL APPLIES TO SPECIFIC LIGHT FIXTURES IDENTIFIED WITH 'GTD' SYMBOL.



3 SERVICE ENTRANCE GROUNDING

1. ALL SERVICE GROUNDING/BONDING SHALL COMPLY WITH ARTICLE 250 OF THE NEC 2008 EDITION.
2. CADWELD ALL CONNECTIONS.

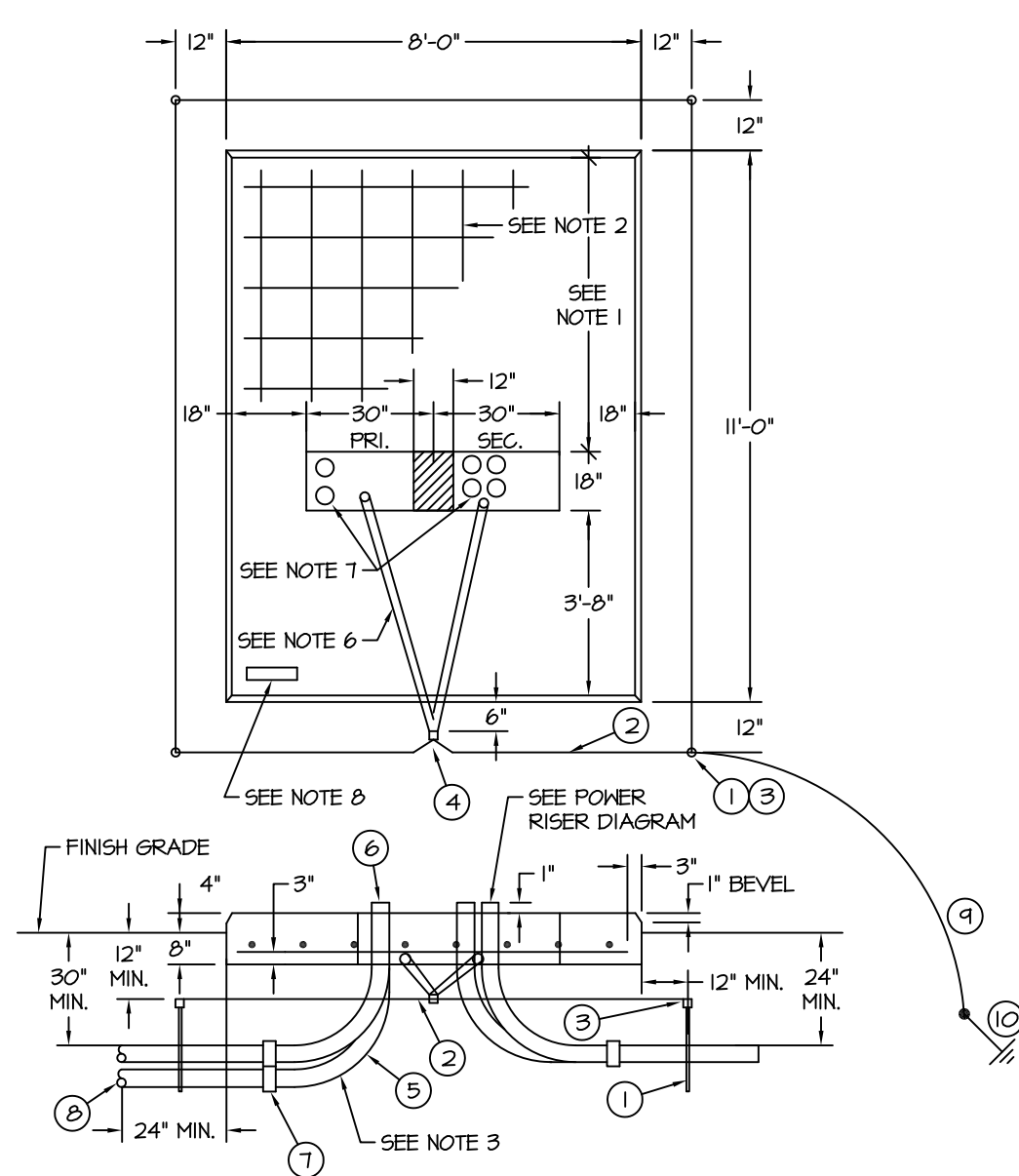
3. FROM TMGB IN BASEMENT, #4 AWG TO CABLE TRAY IN CORRIDOR BS-92 SO THAT CABLE TRAY IS BONDED TO #4 AND GROUNDED TO TMGB. RE: E301 FOR CABLE TRAY LOCATION.
4. FROM TMGB IN BASEMENT, #4 AWG TO CABLE TRAY IN CORRIDOR BS-95 SO THAT CABLE TRAY IS BONDED TO #4 AND GROUNDED TO TMGB. WHERE CABLE TRAY STOPS, EXTEND #4 AWG TO EACH CONDUIT SLEEVE AND THEN EXTEND #4 AWG TO ALL SECTIONS OF CABLE TRAY SO THAT ALL CABLE TRAY IS CONTINUOUSLY BONDED TOGETHER. RE: E301 FOR CABLE TRAY LOCATION.
5. FROM TGB IN FIRST FLOOR, #4 AWG TO CABLE TRAY IN CORRIDOR 1S-94 SO THAT CABLE TRAY IS BONDED TO #4 AND GROUNDED TO TGB. WHERE CABLE TRAY STOPS, EXTEND #4 AWG TO EACH CONDUIT SLEEVE AND THEN EXTEND #4 AWG TO ALL SECTIONS OF CABLE TRAY SO THAT ALL CABLE TRAY IS CONTINUOUSLY BONDED TOGETHER. RE: E302 FOR CABLE TRAY LOCATION.



5 SECTIONALIZING CABINET

SCALE NONE

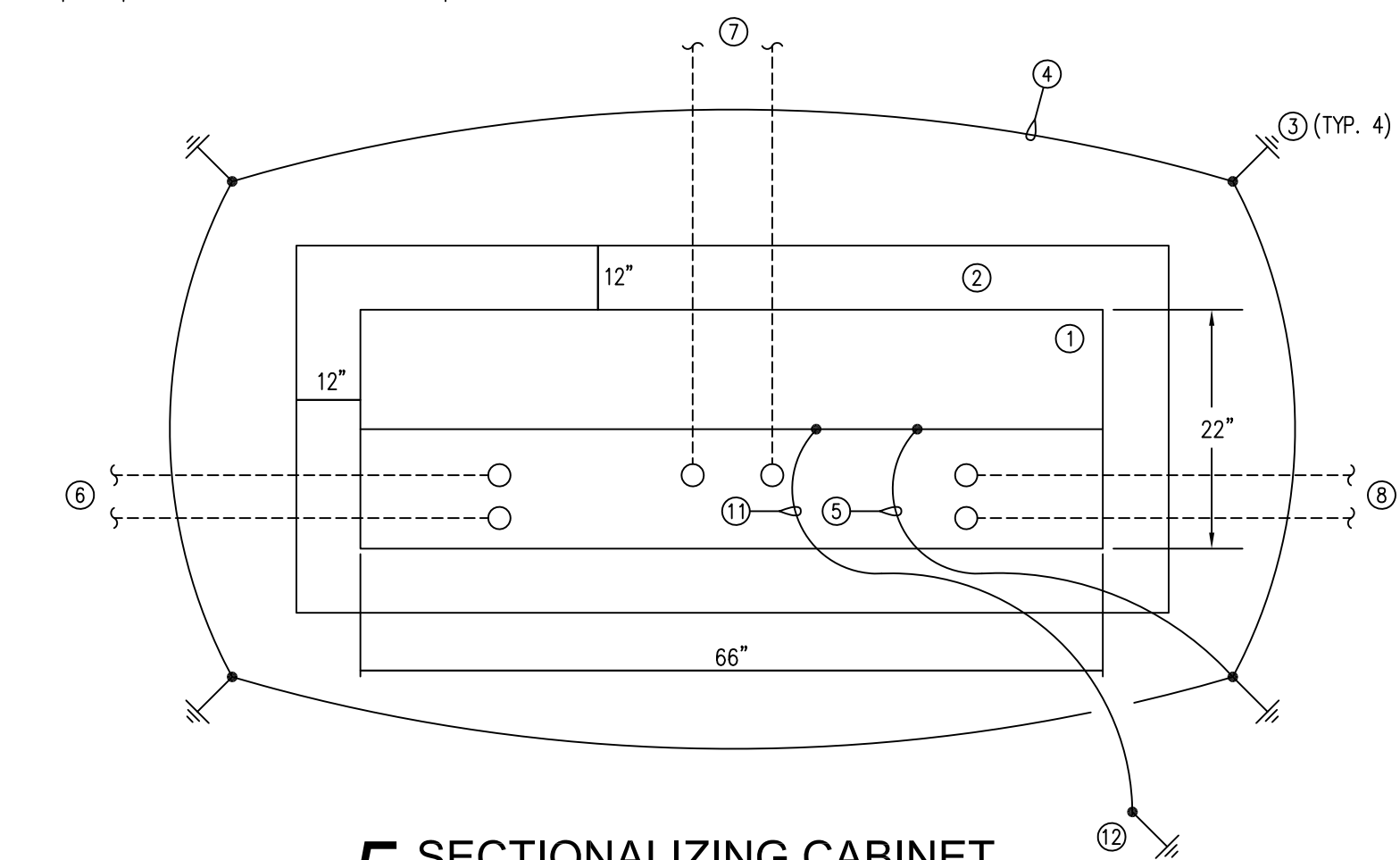
1. CADWELD ALL CONNECTIONS.



4 TRANSFORMER CONCRETE PAD

- NOTES:**
1. WHERE POSSIBLE, DO NOT PLACE CONDUIT UNDER THIS SECTION OF FOUNDATION.
 2. REINFORCING: #4 BARS 12" C.C. BOTH WAYS.
 3. WHEN INSTALLING CONDUIT, DISTURB GROUND IN FOUNDATION AREA AS LITTLE AS POSSIBLE. EXTEND CONDUIT 1' ABOVE FOUNDATION.
 4. TOP OF FOUNDATION TO BE SMOOTH AND LEVEL. FINAL GRADE SHALL SLOPE AWAY FROM PAD.
 5. CONCRETE SHALL BE 3500 PSI AT 28 DAYS AND 1:2:4 MIXTURE WITH 6 GAL. MAX. WATER CONTENT PER SACK OF CEMENT.
 6. 1" GRSC UNDER PAD FOR GROUND WIRE.
 7. LOCATE CONDUITS UNDER PRIMARY AND SECONDARY BUSHINGS.
 8. TRANSFORMER LOCATION TAG SHALL BE ATTACHED TO PAD WITH CONCRETE NAILS OR SHEET METAL SCREWS.
 9. TRANSFORMER PAD REQUIRES A MINIMUM OF 3'-0" CLEARANCE AROUND EACH SIDE AND BACK OF PAD. A 15'-0" CLEARANCE IS REQUIRED ON FRONT SIDE OF PAD.
 10. CADWELD ALL CONNECTIONS.


ITEM	DESCRIPTION
①	5/8" x 10' - 0" GROUND ROD
②	CONDUCTOR, COPPER, #2 BARE
③	CLAMP, GROUND ROD
④	CONNECTOR, COMPRESSION, #2 COPPER
⑤	CONDUIT, 90-DEGREE BEND, RGCSC (REQUIRED SIZE)
⑥	CONDUIT BUSHING (REQUIRED SIZE)
⑦	ADAPTER, CONDUIT, GALV. TO PVC (REQUIRED SIZE)
⑧	CONDUIT, PVC SCHEDULE 40
⑨	CONDUCTOR, COPPER, #250 KCMIL BARE
⑩	GROUND ROD A. RE: E203.



5 SECTIONALIZING CABINET

SCALE NONE

1. CADWELD ALL CONNECTIONS.

REVISIONS		DATE
	Addendum #6 - 07/27/09	12/01/09

AS-BUILT DRAWINGS
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STUCK
associates
ARCHITECTS

Phone: (501) 378-0059
www.sluckarch.com

	Drawing Title
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Electrical Details

Approved: Project Director

Project Title

Outpatient Mental Health Improvements
Overton Brooks
Veterans Administration Medical Center

	Location
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Date 01/01/2010

Checked	S
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Drawn	
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Project Number

667-081

Building Number
Bldg. 1, South Wing

Drawing Number

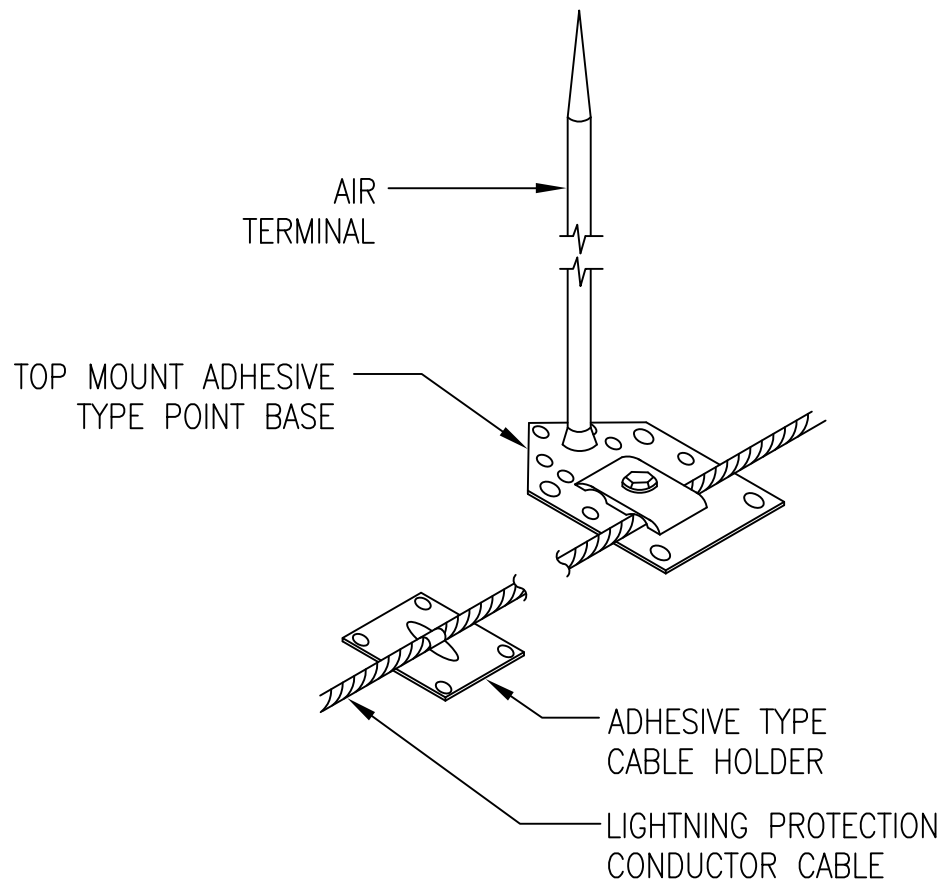
E502

Page 115 of 123

Office of
Facility
Management

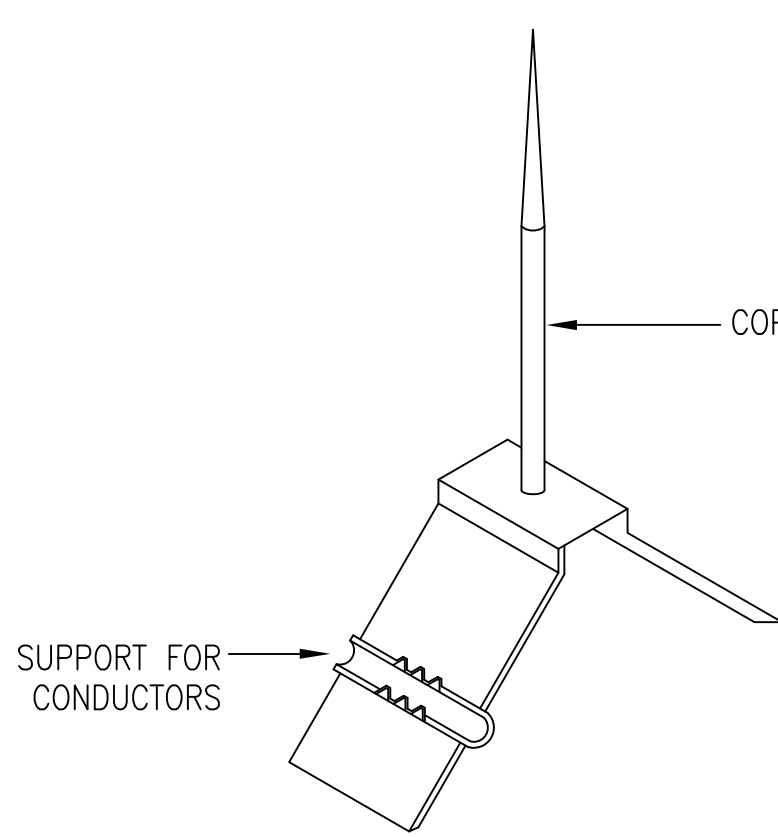
100% Submittal

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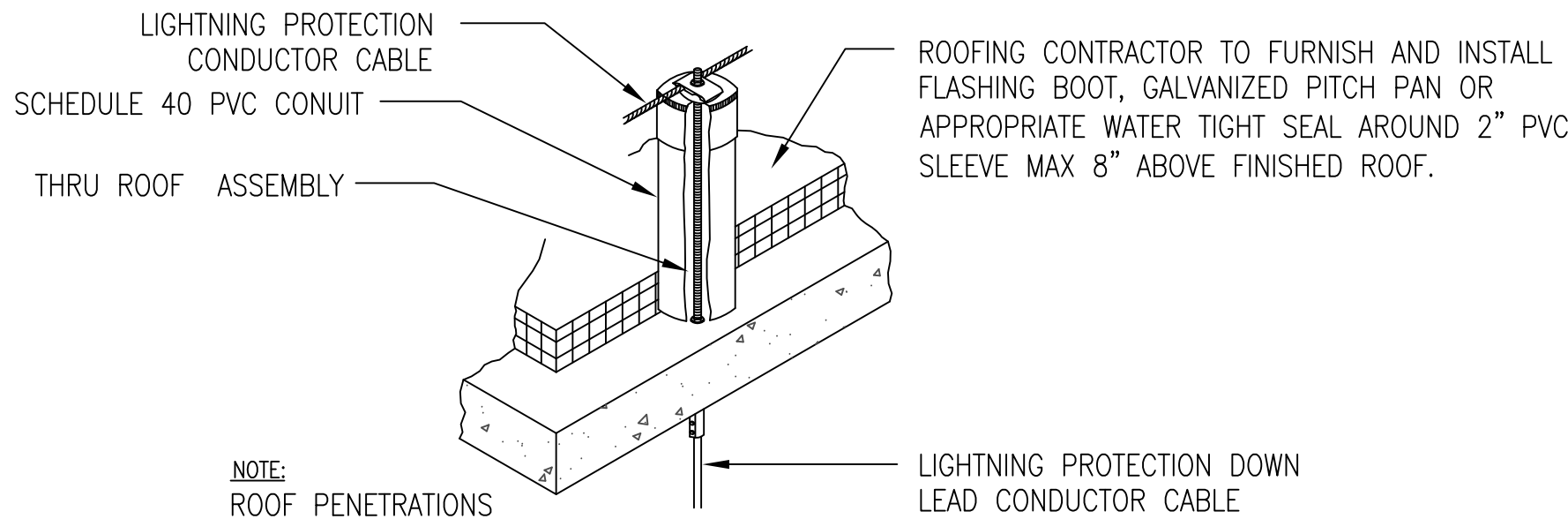
LIGHTNING PROTECTION

1 SYSTEM ADHESIVE BASE DETAIL
SCALE NTS



LIGHTNING PROTECTION

2 SYSTEM ARIAL WITH SADDLE BASE
SCALE NTS



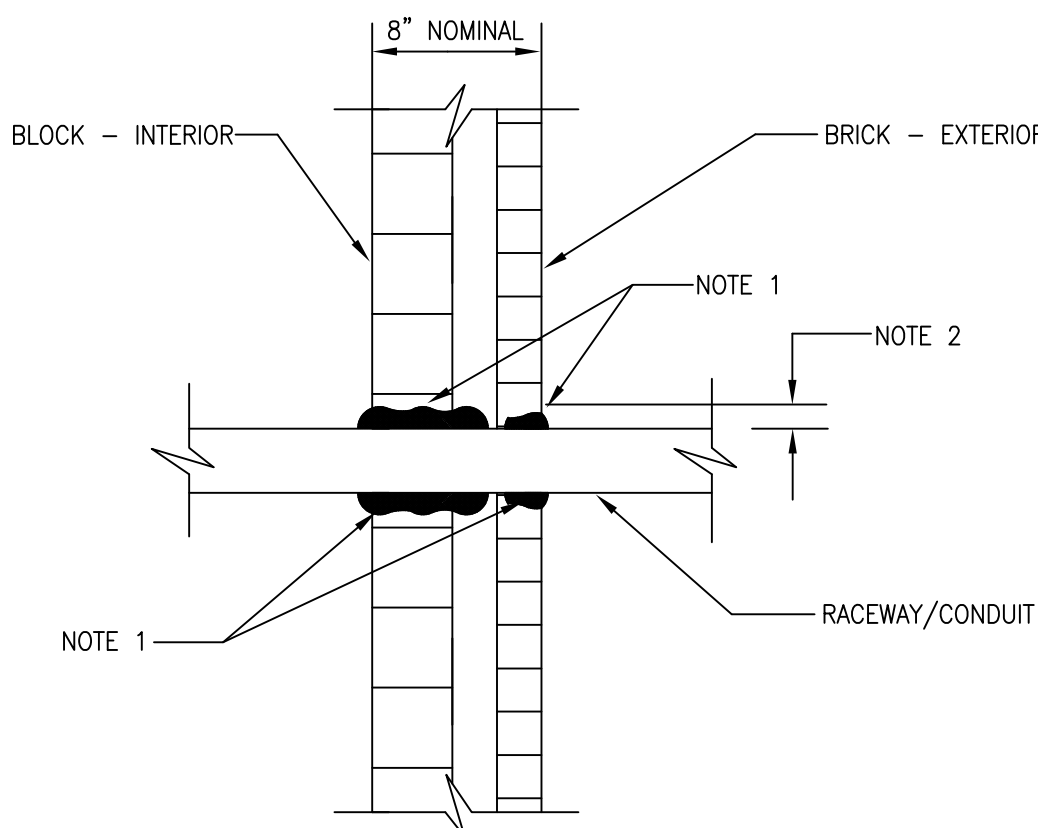
NOTE:
ROOF PENETRATIONS
SEALED BY ROOFING
CONTRACTOR.

LIGHTNING PROTECTION

3 SYSTEM THRU-ROOF ASSEMBLY DETAIL
SCALE NTS

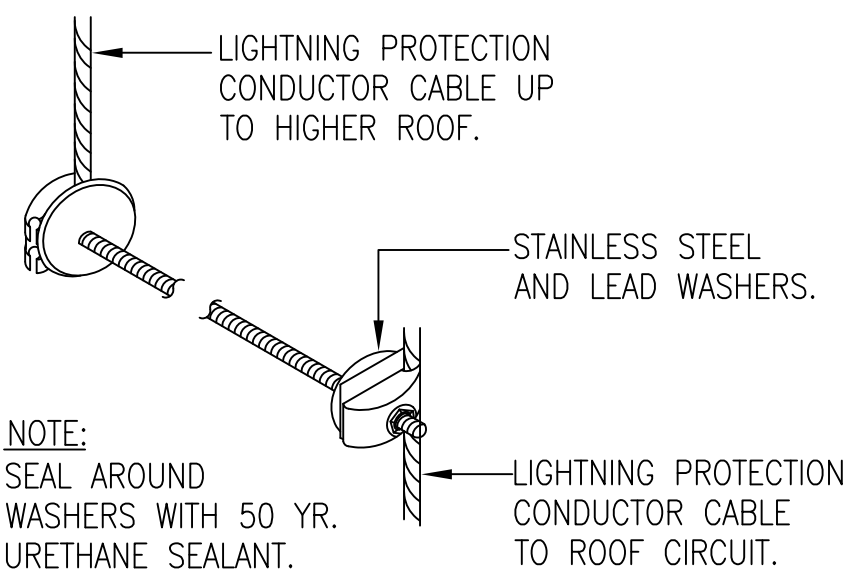
INFECTION CONTROL RISK
ASSESSMENT ICRA REQUIREMENTS

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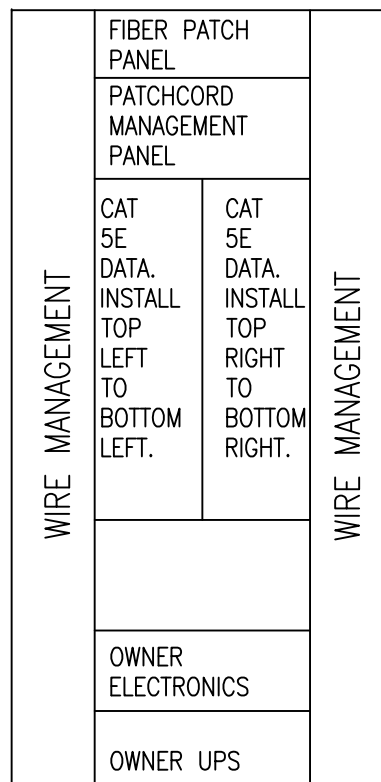


8 FIRESTOP DETAIL FOR
EXTERIOR BLDG. OPENINGS
SCALE NTS

NOTES:
1. PROVIDE FIRESTOP SEALANT BIO #100 ALL AROUND RACEWAY, BOTH SIDES OF WALL.
2. SPACE AROUND RACEWAY 1/4 INCH MINIMUM, 1 INCH MAXIMUM. ENLARGE AS REQUIRED.
3. ALL FIRESTOPPING SHALL BE PERFORMED BY THE GENERAL CONTRACTOR.

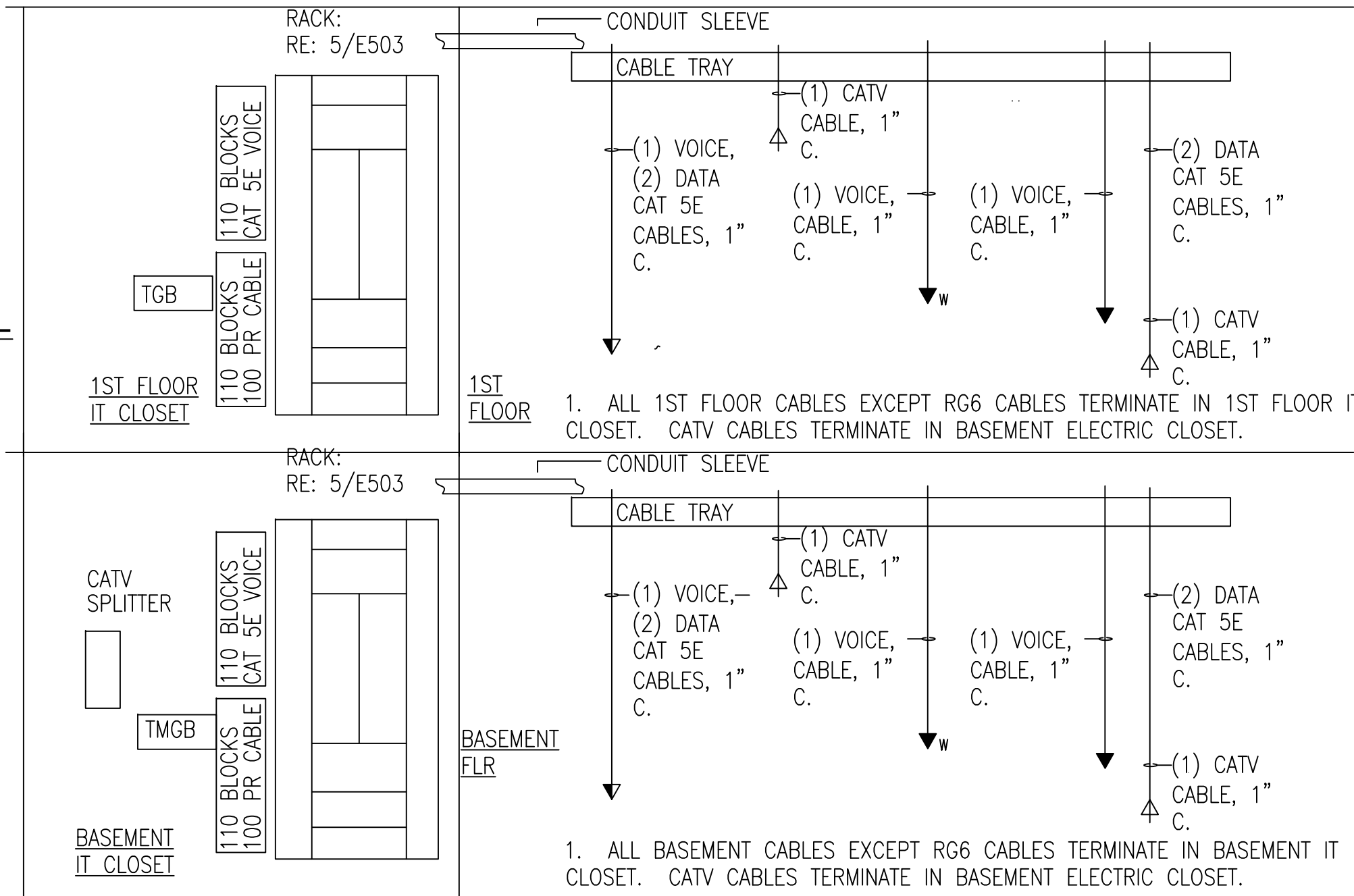


4 SYSTEM THRU-WALL ASSEMBLY DTL
SCALE NTS



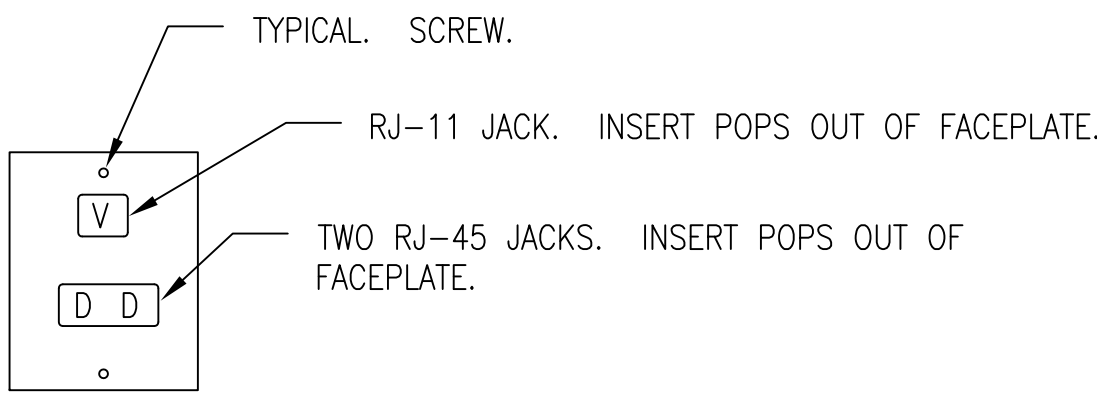
5 DATA RACK DETAIL
SCALE NTS

1. ALL COMPONENTS AND TERMINATIONS BY THE CONTRACTOR EXCEPT OWNER EQUIPMENT. OWNER EQUIPMENT NOT IN CONTRACT.
2. CROSS-CONNECTS TO OWNER EQUIPMENT BY OWNER.



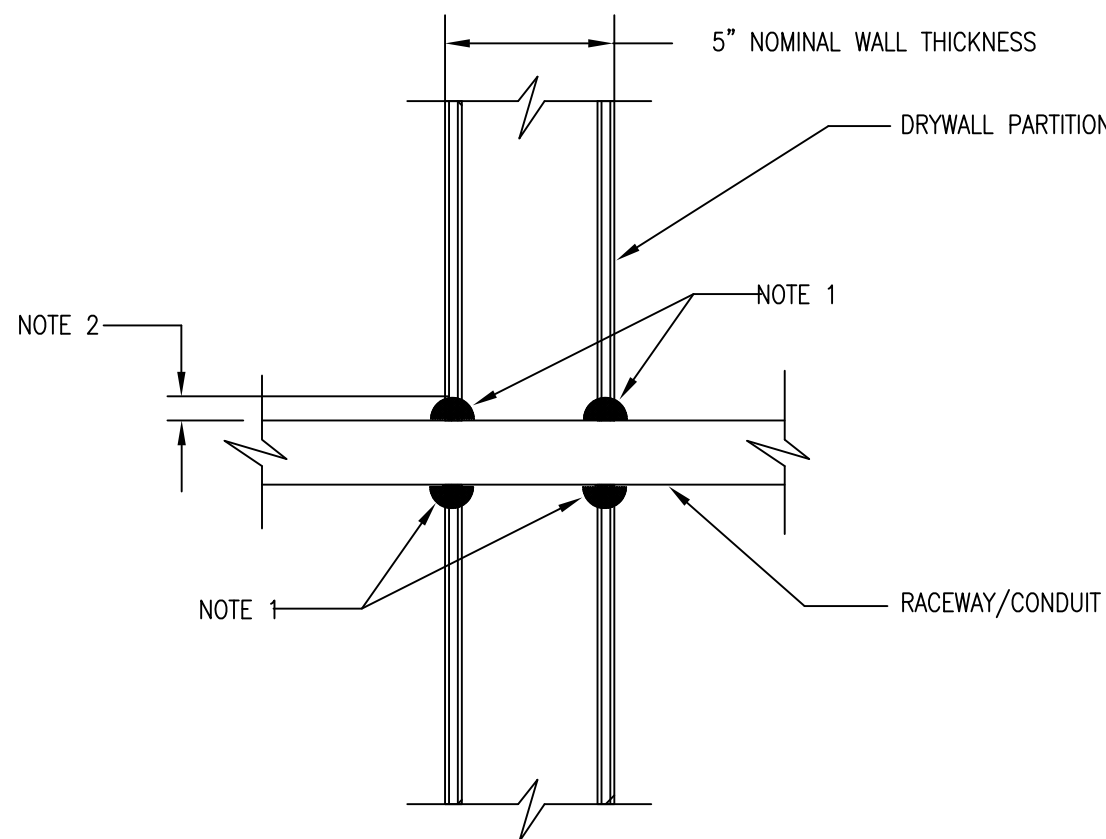
6 VOICE/ DATA RACK DETAIL
SCALE NTS

1. ALL COMPONENTS AND TERMINATIONS BY THE CONTRACTOR.
2. TERMINATE CAT 5E CABLING TO EIA/TIA 568B STANDARD 'A'.
3. CATV CABLE SHALL BE QUAD SHIELD RG 6.
4. CABLES SHALL BE RISER RATED.
5. MEASURE SIGNAL AT EACH CATV OUTLET AND VERIFY SIGNAL IS -8 DB AT THE BACK OF EACH OUTLET. PROVIDE OVERALL ADJUSTABLE ATTENUATION AS REQUIRED TO MEET THE -8 DB LEVEL AT EACH OUTLET.
6. GROUND ALL EQUIPMENT TO TMGB OR TGB MINIMUM #6AWG UNLESS OTHERWISE NOTED.



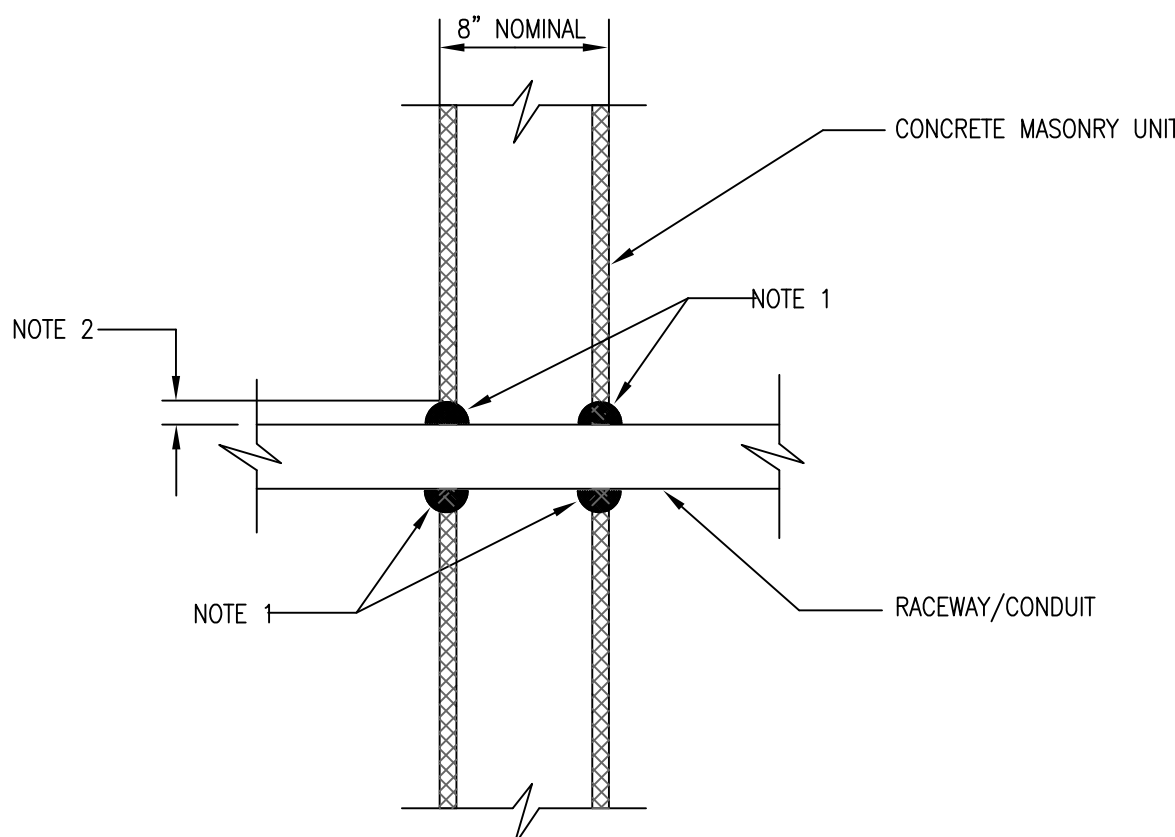
NOTES:
1. PROVIDE SINGLE GANG FACEPLATE WITH REMOVABLE INSERTS.
2. WALL PHONE OUTLETS SHALL BE STAINLESS STEEL WITH MODULAR RJ-11 JACKS AND FEATURE STUDS TO WALL MOUNT TELEPHONES.

7 TYPICAL VOICE/DATA OUTLET
SCALE NTS



9 FIRESTOP DETAILS FOR DRYWALL OPENINGS
SCALE NTS

NOTES:
1. PROVIDE FIRESTOP SEALANT ALL AROUND RACEWAY, BOTH SIDES OF WALL. REFER TO SPECIFICATIONS.
2. SPACE AROUND RACEWAY 1/4 INCH MINIMUM, 1 INCH MAXIMUM. ENLARGE AS REQUIRED.
3. ALL FIRESTOPPING SHALL BE PERFORMED BY THE GENERAL CONTRACTOR.



10 FIRESTOP DETAIL FOR MASONRY OPENING
SCALE NTS

NOTES:
1. PROVIDE FIRESTOP SEALANT BIO #100 ALL AROUND RACEWAY, BOTH SIDES OF WALL.
2. SPACE AROUND RACEWAY 1/4 INCH MINIMUM, 1 INCH MAXIMUM. ENLARGE AS REQUIRED.
3. ALL FIRESTOPPING SHALL BE PERFORMED BY THE GENERAL CONTRACTOR.

REVISIONS	DATE

AS-BUILT DRAWINGS
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Drawing Title	Electrical Details
Approved: Project Director	

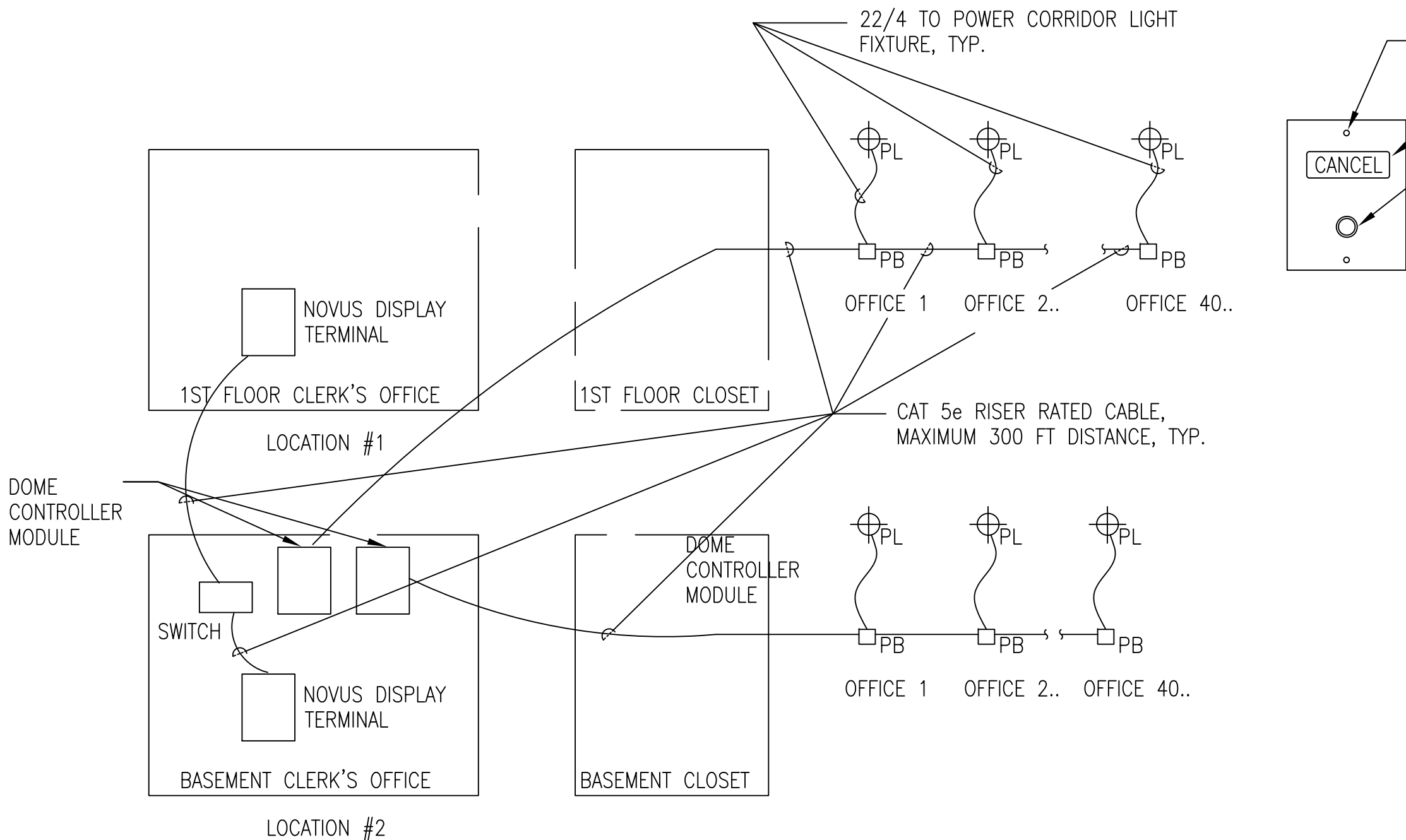
Project Title	Outpatient Mental Health Improvements Overton Brooks Veterans Administration Medical Center
Location	Shreveport, Louisiana
Date	01/20/2010
Checked	SEH
Drawn	EAS

Project Number	667-081
Building Number	Bldg. 1, South Wing
Drawing Number	E503
Dwg	116 of 123

Office of
Facility
Management

100% Submittal

A
three inches = one foot
B
one and one half inch = one foot
C
three quarters inch = one foot
D
one half inch = one foot
E
one quarter inch = one foot
F
one eighth inch = one foot



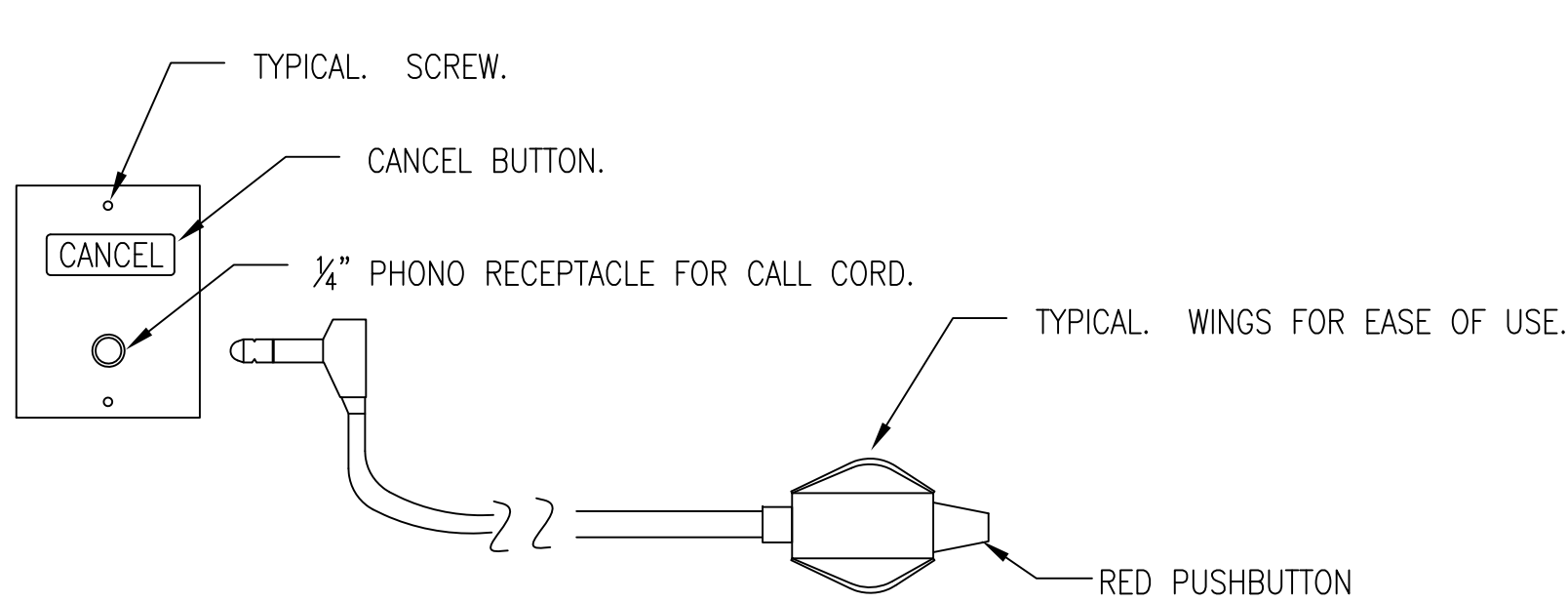
- PANIC ALARM GENERAL NOTES:**
1. PROVIDE COMPLETE PANIC ALARM SYSTEM.
 2. SYSTEM IS DESIGNED AROUND WEST-CALL SYSTEMS. EQUIVALENT SYSTEM MEETING SPECIFIED REQUIREMENTS BELOW IS ACCEPTABLE.
 3. ALL WIRING SHALL BE IN CONDUIT OR SHALL UTILIZE CABLE TRAY.
 4. PROVIDE PANIC ALARM DISPLAY TERMINAL AT TWO LOCATIONS: BASEMENT CLERK'S OFFICE, 1ST FLOOR CLERK'S OFFICE.
 5. PROVIDE COMPLETE STAND-ALONE SYSTEM THAT IS 100% OPERATIONAL. PROVIDE ALL EQUIPMENT, DEVICES, AND CABLING REQUIRED FOR A COMPLETE SYSTEM.
 6. SYSTEM SHALL BE EXPANDABLE TO SERVE 4 FUTURE FLOORS AND SHALL BE ABLE TO ADD 120 DEVICES AS A MINIMUM. PROVIDE DOCUMENTATION PROVING EXPANDABILITY.
 7. EACH OFFICE SHALL HAVE AN EMERGENCY STATION WITH CALL CORD PUSH-BUTTON DEVICE AND ASSOCIATED CEILING-MOUNTED CORRIDOR "TROUBLE" LIGHT FIXTURE.
 8. CORRIDOR LED LIGHT FIXTURE SHALL UTILIZE A WHITE LENS AND PRODUCE A CONTINUOUS WHITE LIGHT WHEN IN ALARM. ONLY THE CORRIDOR LIGHT ASSOCIATED WITH AN OFFICE EMERGENCY STATION IN ALARM SHALL BE ACTIATED. SIMILAR TO WEST-CALL NV-VDL.
 9. DISPLAY TERMINAL SHALL BE SIMILAR TO WEST-CALL NOVUS DISPLAY TERMINAL, 17" VIEW SONIC MONITOR. EMERGENCY STATION INFORMATION REMAINS ON SCREEN UNTIL CANCELLED AT IT'S SOURCE. AUBIBLE ALARM SHALL BE ABLE TO BE MUTED.
 10. PROVIDE CATE 5E RISER RATED CABLE BETWEEN EMERGENCY STATIONS.
 11. WHEN AN EMERGENCY STATION GOES INTO ALARM, IT SHALL POWER THE ASSOCIATED CORRIDOR LED LIGHT FIXTURE.
 12. PROVIDE CABINET (WITH WHEELS) IN BASEMENT OFFICE TO HOUSE SWITCH, TWO DOME CONTROLLER MODULES, AND ALL REQUIRED EQUIPMENT.
 13. SEQUENCE OF OPERATION.
 - 13.a. WHEN EMERGENCY STATION "CALL CORD" RED PUSHBUTTON IS PUSHED OR CALL CORD IS PULLED FROM THE WALL JACK, THE SYSTEM SHALL GO INTO ALARM. ASSOCIATED CORRIDOR TROUBLE LIGHT SHALL ILLUMINATE AND DISPLAY TERMINALS IN BOTH CLERK OFFICES AND SHALL IDENTIFY ROOM AND SHALL START A TIMER NOTING HOW LONG ROOM IS IN ALARM. EACH ROOM'S ALARM HISTORY SHALL BE LOGGED AND INDIVIDUALLY NUMBERED CHRONOLOGICALLY AS EVENTS OCCUR.
 - 13.b. WHEN CALL CORD IS INSTALLED IN JACK AND WALL PLATE "CANCEL" BUTTON IS PUSHED, SYSTEM WILL RESET AND DE-ACTIVATE ALARM. SYSTEM SHALL RETAIN MEMORY OF EVENTS FOR 30 DAYS.

1 PANIC ALARM SYSTEM

SCALE NTS

INFECTION CONTROL RISK ASSESSMENT ICRA REQUIREMENTS

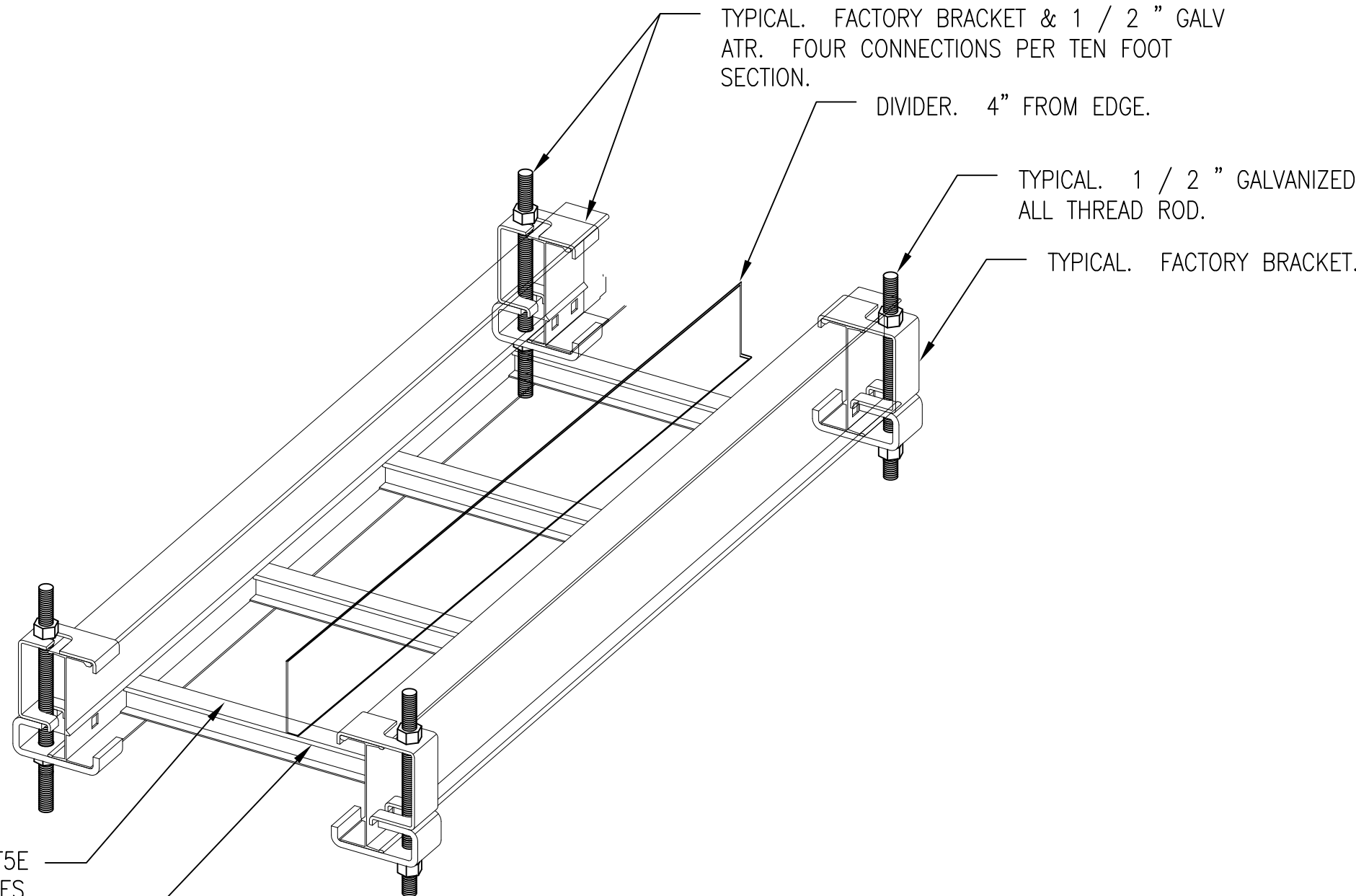
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- EMERGENCY STATION NOTES:**
1. PROVIDE STAINLESS STEEL SINGLE GANG FACEPLATE.
 2. PROVIDE STAINLESS STEEL SCREWS.
 3. EMERGENCY STATION SIMILAR TO WEST-CALL VISUAL PATIENT STATION.

2 PANIC ALARM SYSTEM EMERGENCY STATION

SCALE NTS



IN ADDITION: DEDICATED TO CAT5E CABLES ONLY. NO OTHER CABLES IN THIS SECTION.

IN ADDITION: ALL CABLES OTHER THAN CAT 5E CABLES.

3 CABLE TRAY DETAIL

SCALE NTS

CABLE TRAY GENERAL NOTES:

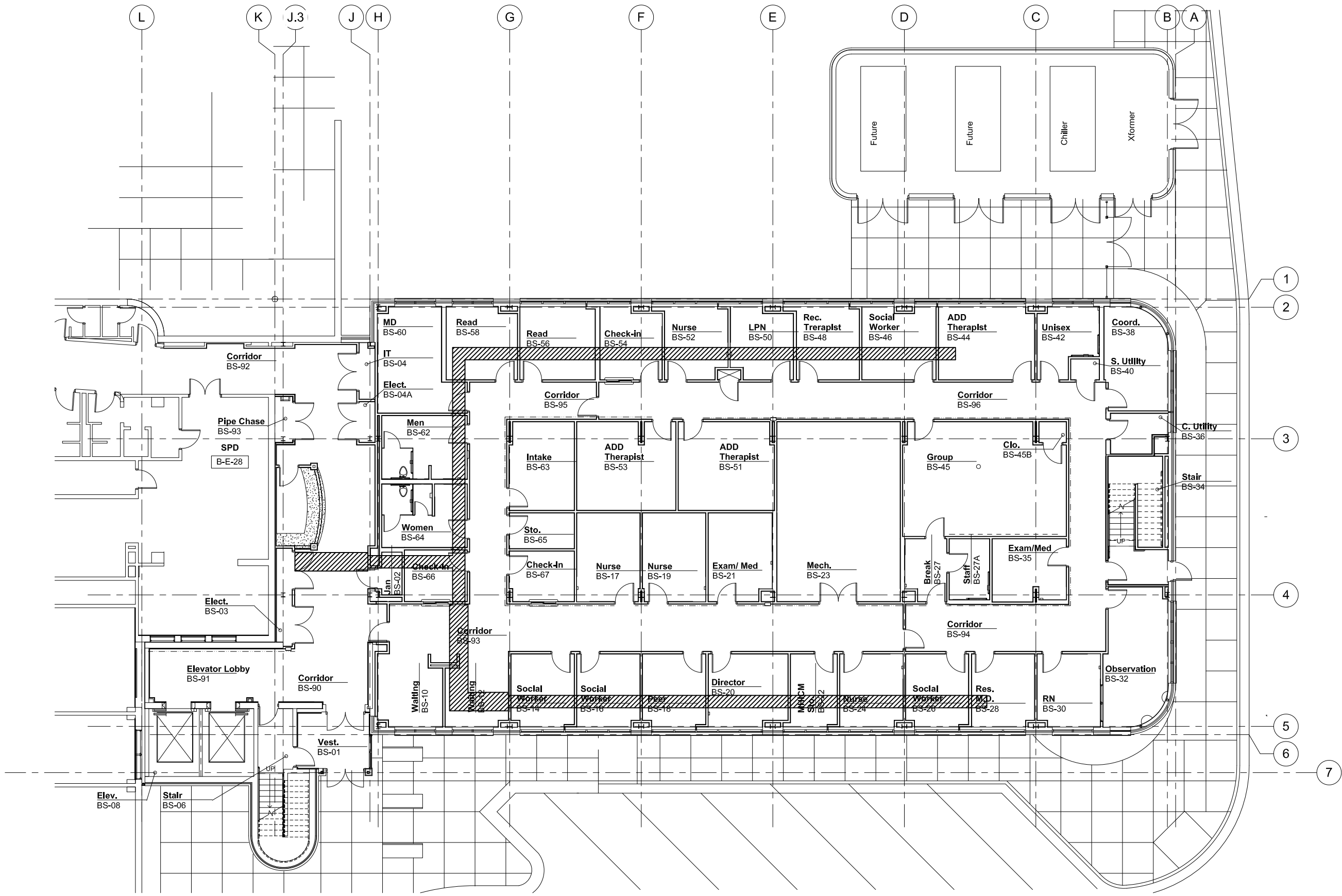
1. CABLE TRAY SHALL NOT BE MOUNTED ON UNISTRUT SUPPORT SYSTEM.
2. PROVIDE FACTORY MOUNTING BRACKETS AND SUPPORT CABLE TO TRAY TO COMPOSITE METAL DECK USING 1/2" ALL THREAD ROD.
3. AT DECK, MOUNTING HARDWARE SHALL BE ATTACHED IN MIDDLE OF BOTTOM OF RIBS, IE, IN THICKEST PART OF CONCRETE DECK.
4. NO MOUNTING HARDWARE SHALL BE INSTALLED BETWEEN THE RIBS, IE NO MOUNTING HARDWARE ON ANGLED COMPONENTS OF DECK OR IN THINNEST COMPONENTS OF DECK.
5. ALL COMPONENTS SHALL BE INSTALLED TO MEET SEISMIC REQUIREMENTS.
6. ALL CABLE TRAY SHALL BE SECURED TOGETHER PER THE MANUFACTURER'S RECOMMENDATIONS.
7. NO SINGLE PIECE OF CABLE TRAY SHALL BE LONGER THAT TEN FEET.
8. ON EACH TEN FOOT PIECE OF CABLE TRAY, THERE SHALL BE FOUR FACTORY MOUNTING BRACKETS AND ASSOICATED FOUR 1/2" ALL THREAD ROD ATTACHED TO RIBS OF DECK ABOVE.
9. EACH 6 STRAND FIBER SHALL BE IN DEDICATED 2" DIAMTER ORANGE PLASTIC INNERDUCT IN CABLE TRAY. AT NO TIME SHALL FIBER BE EXPOSED. TERMINATE CONDUIT FROM EXISTING HOSPITAL IN 4X4X4 JBOX WITHIN 6" OF CABLE TRAY. INNERDUCT SHALL BE CONNECTED TO JBOX. AND FIBER SHALL TRAVEL IN INNERDUCT IN CABLE TRAY.

REVISIONS	DATE	AS-BUILT DRAWINGS
▲ Addendum #9 - 08/26/09	12/01/09	This document has been prepared based on As-Built information provided by others. Those relying on this document are advised to obtain independent verification of its accuracy before using it for any purpose.

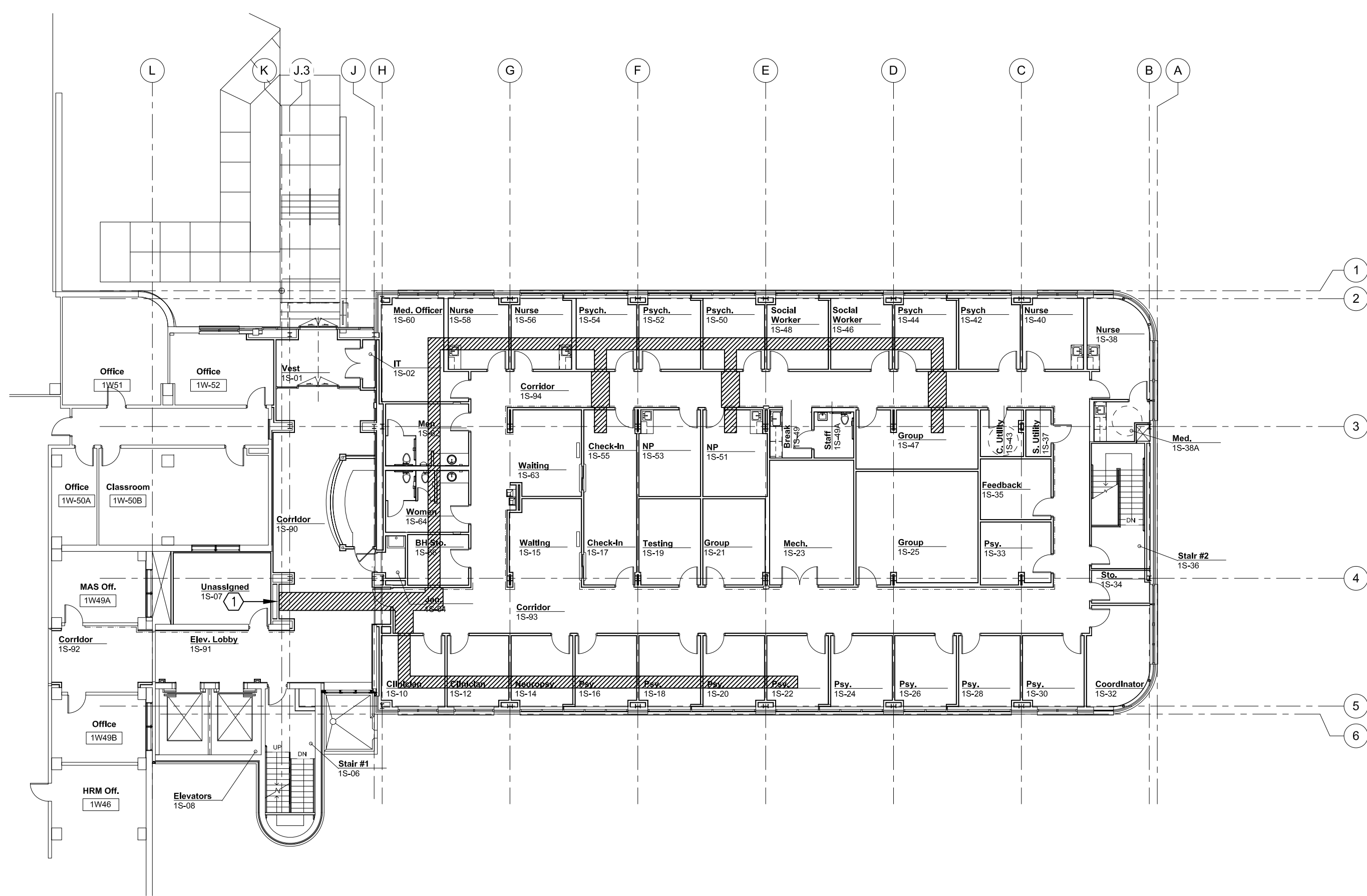
CONSULTANTS:
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ARCHITECT/ENGINEERS:
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Drawing Title Electrical Details		Project Title Outpatient Mental Health Improvements Overton Brooks Veterans Administration Medical Center			Project Number 667-081		Office of Facility Management	
					Building Number Bldg. 1, South Wing			
Approved: Project Director		Location Shreveport, Louisiana			Drawing Number E504			100% Submittal
		Date 01/20/2010	Checked SEH	Drawn EAS	Dwg. 117 of 123			



1 Electrical Conduit Routing Basement Plan
1/16" = 1'-0"



2 Electrical Conduit Routing First Floor Plan
1/16" = 1'-0"

KEYED NOTES:

- 1 CONDUITS ROUTE DOWN CHASE TO BS-03.

GENERAL NOTES:

1. CONDUITS ROUTE ALONG DECK.

INFECTION CONTROL RISK ASSESSMENT (ICRA) REQUIREMENTS:

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REVISIONS	DATE	AS-BUILT DRAWINGS	CONSULTANTS:	ARCHITECT/ENGINEERS:	Drawing Title	Project Title	Project Number	Office of Facility Management
		This document has been prepared based on As-Built information provided by others. Those relying on this document are advised to obtain independent verification of its accuracy before using it for any purpose.	Jacobs Engineering JACOBS 10816 EXECUTIVE CENTER DRIVE, SUITE 300 LITTLE ROCK, ARKANSAS 72114-3833 PHONE (501) 223-0515 FAX (501) 223-2470 JACOBS PROJECT NO: F3W81800	Tompkins Architects, LLC STUCK associates ARCHITECTS 612 N.W. Kay Drive Lee's Summit, Missouri 64063 Phone: (816) 525-9833 Fax: (816) 524-9005 Email: jet@tom-arch.com	Electrical Conduit Routing Plans	Outpatient Mental Health Improvements Overton Brooks Veterans Administration Medical Center	667-081	Office of Facility Management
					Approved: Project Director	Location Shreveport, Louisiana	Building Number Bldg. 1, South Wing	100% Submittal
						Date 01/20/2010	Checked SEH	
						Drawn EAS	Dwg. 119 of 123	

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NOTES:

- ★ LIGHTS WILL BE TIMECLOCK CONTROLLED AND CUT OFF AT NIGHT. T/C WILL OVERRIDE OCCUPANCY SENSOR
- ◆ LIGHTS WILL BE CONTROLLED BY ROOM OCCUPANCY SENSOR ONLY
- ✦ LIGHTS IN LOBBY WILL BE ON 24/7
- LIGHTS WILL BE TIMECLOCK CONTROLLED AND CUT OFF AT NIGHT.
- 1 LIGHTS WILL BE PHOTOCCELL ON/OFF.
- 2 CONTROLLABLE SPARE CIRCUIT BREAKER
- 3 PROVIDE ALL REQUIRED CONNECTIONS AND CROSS-OVER CABLING SO THAT POWERLINK G3 3000 SYSTEM IS CONNECTED TO THE INTERNET AND FULLY OPERATIONAL. PROVIDE ALL REQUIRED PROGRAMMING. TRAIN USERS TO ACCESS SYSTEM VIA INTERNET AND TO PROGRAM SYSTEM TO CONTROL BUILDING LIGHTING FUNCTIONS.

NOTES: * PROVIDE FEED-THRU LUGS

NOTES: * PROVIDE FEED-THRU LUGS

1	2	3	4	5	6	7	AS-BUILT SET 10/08/2012
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PANELBOARD: LSL1			VOLTAGE: 208Y120V/3ø/4W			CU BUS RATING: 100A			MAIN: 100A MLO			TOTAL CONNECTED VA: 10,666			
LOCATION: BASEMENT			MFG AND TYPE: SQUARE D "NQOD"			EQUIP. GND. CU BUS: YES			ISOL. GND. CU BUS: NO			TOTAL AØ: 4,900			
												TOTAL BØ: 3,816			
												TOTAL CØ: 1,950			
MOUNTING: SURFACE			ENCLOSURE NEMA 1			MINIMUM A.I.C. RATINGS: 22,000A			FED FROM: SBELS1						
LOAD (VA)			SERVES			CIR. NO.			SERVES			LOAD (VA)			
AØ	BØ	CØ			P/T	CIR. NO.		P/T				AØ	BØ	CØ	
2500			TRANSFORMER T-3/PANEL LSH1			1	2	1/20	BASEMENT WEST AUTO DOORS			1200			
	2500					3	4	1/20	SPARE						
		1200	FIRE ALARM NAC PANEL			1/20	5	6	1/20	ELEVATOR CAB LGT CIRCUIT					750
1200			FIRE ALARM NAC PANEL			1/20	7	8	-	STU					
	1200		FIRE ALARM NAC PANEL			1/20	9	10	1/20	ELEVATOR EQUIPMENT ROOM				116	
			SPACE			11	12	1/20	ELEVATOR CAB LGT CIRCUIT			750			
						13	14	1/20	SPARE						
					1/20	15	16	1/20							
					1/20	17	18	1/20							
					1/20	19	20	1/20							
					1/20	21	22	1/20							
					1/20	23	24	1/20							
					1/20	25	26	1/20							
					1/20	27	28	1/20							
					1/20	29	30	1/20							
					1/20	31	32	1/20							
					1/20	33	34	1/20							
					1/20	35	36	1/20							
					1/20	37	38	1/20							
					1/20	39	40	1/20							
					1/20	41	42	1/20							



PANELBOARD: HD1			VOLTAGE: 480Y277V/3ø/4W			CU BUS RATING: 200A			MAIN: 200A MLO			TOTAL CONNECTED VA: 75,483		
LOCATION:			MFG AND TYPE: SQUARE D "NF"			EQUIP. GND. CU BUS: YES			ISOL GND. CU BUS: NO			TOTAL AØ: 25,161		
MOUNTING: SURFACE			ENCLOSURE NEMA 1			MINIMUM A.I.C. RATINGS: 35,000			FED FROM: HDP1			TOTAL BØ: 25,161		
MOUNTING: SURFACE			ENCLOSURE NEMA 1			MINIMUM A.I.C. RATINGS: 35,000			FED FROM: HDP1			TOTAL CØ: 25,161		
LOAD (VA)			SERVES			P/T			CIR. NO.			LOAD (VA)		
AØ	BØ	CØ	SERVES			P/T			CIR. NO.			LOAD (VA)		
13793			AHU-1			3/80 1			2			2017		
	13793		"			-			3 4			2017		
		13793	"			-			5 6			2017		
2917			CHP-1			3/15 7			8 3/15			2017		
	2917		"			-			9 10			2017		
		2917	"			-			11 12			2017		
2917			CHP-2			3/15 13			14 3/20			2017		
	2917		"			-			15 16			2017		
		2917	"			-			17 18			2017		
1500			CRU-1			3/15 19			20 3/20			2017		
	1500		"			-			21 22			2017		
		1500	"			-			23 24			2017		
			SPARE			3/20 25			26 1/20			2017		
			"			-			27 28			2017		
			"			-			29 30			2017		
			SPARE			3/20 31			32 1/20			2017		
			"			-			33 34			2017		
			"			-			35 36			2017		
			SPARE			1/20 37			38			2017		
			SPARE			1/20 39			40			2017		
			SPARE			1/20 41			42			2017		



TOMPKINS
ARCHITECTS

KEYED NOTES:

- 1 DEMOLISH ALL LIGHTS/RECEPTACLES/DEVICES/WIRING/CONDUIT IN THIS AREA. REWORK ALL CIRCUITS SO THAT EXISTING TO REMAIN LIGHTS/RECEPTACLES/DEVICES ON EXISTING CIRCUITS REMAIN FULLY OPERATIONAL. THIS NOTE ALSO APPLIES TO ALL LIGHTS/RECEPTACLES/DEVICES/WIRING/CONDUIT ON ROOF.
- 2 REMOVE AND RETURN TO OWNER EXTERIOR PTZ SECURITY CAMERA, MOUNTING BRACKET, SUPPORT ARM, AND ALL COMPONENTS SECURING CAMERA TO STRUCTURE. RE: E103 FOR NEW LOCATION. ON ADDITION PLANS, CAMERA IDENTIFIED AS CAMERA #1. REMOVE ALL WIRING BACK TO CAMERA HEAD-END.
- 3 COORDINATE WITH VA MAINTENANCE PERSONNEL PRIOR TO REMOVING WIRING/CONDUIT AND DEVICE MOUNTED AT SAME LEVEL AS TOP OF WINDOWS.
- 4 REMOVE POWER TO DEMOLISHED SMOKING BUILDING AND REMOVE POWER TO ASSOCIATED AIR CONDITION UNIT. REMOVE ALL WIRING/CONDUIT/EQUIPMENT.
- 5 EXISTING LIGHTNING PROTECTION SYSTEM DOWN CONDUCTOR TO REMAIN.
- 6 FIRE ALARM WIRING/CONDUIT. EXISTING WIRING/CONDUIT STUBS OUT OF BUILDING ABOVE GROUND AND ROUTES ALONG THE EXISTING TO BE REMOVED RETAINING WALL BEFORE TURNING DOWN ALONG THE RETAINING WALL AND ROUTING TO OTHER BUILDINGS. INTERCEPT WIRING/CONDUIT INSIDE EXISTING HOSPITAL AND RE-ROUTE TO PENETRATE EXTERIOR WALL FURTHER NORTH ALONG WALL. REFER TO ES101 FOR ADDITIONAL INFORMATION.
- 7 RECEPTACLE AND LIGHTING WIRING/CONDUIT. EXISTING WIRING/CONDUIT STUBS OUT OF BUILDING ABOVE GROUND AND ROUTES ALONG THE EXISTING TO BE REMOVED RETAINING WALL BEFORE TURNING DOWN ALONG THE RETAINING WALL AND ROUTING TO EXISTING RECEPTALCES AND LIGHTS. INTERCEPT WIRING/CONDUIT INSIDE EXISTING HOSPITAL AND RE-ROUTE TO PENETRATE EXTERIOR WALL FURTHER NORTH ALONG WALL. REFER TO ES101 FOR ADDITIONAL INFORMATION.
- 8 PROVIDE OWNER TWO WEEKS NOTICE PRIOR TO START OF WORK AND COORDINATE ALL WORK WITH OWNER PRIOR TO ROUGH-IN.
- 9 REMOVE EXISTING UNISTRUT/DISCONNECT. REMOVE WIRING BACK TO PANEL IN ELECTRIC ROOM BE96. REMOVE CONDUIT DOWN TO 2' BELOW GRADE, FILL LAST 2 FEET OF CONDUIT WITH CONCRETE AND CAP CONDUIT END. COORDINATE WITH OWNER THREE WEEKS PRIOR TO DEMOLITION AND RECEIVE WRITTEN APPROVAL PRIOR TO START OF WORK.
- 10 REMOVE EXTERIOR WALL-MOUNTED PARKING LIGHT FIXTURE. REMOVE WIRING/CONDUIT BACK TO NEAREST JBOX INSIDE BUILDING. MAINTAIN POWER TO ALL EXISTING TO REMAIN DEVICES. REMOVE CONDUIT AND MOUNTING EQUIPMENT. PATCH WALL. COORDINATE WORK WITH OWNER.
- 11 REMOVE ENTIRE EXISTING LIGHTNING PROTECTION SYSTEM CLASS II DOWN CONDUCTOR. RE: E103 KEY NOTE 12 FOR ADDITIONAL INFORMATION. RECEIVE PERMISSION FROM OWNER PRIOR TO DEMOLITION OF THIS EQUIPMENT.

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1 Electrical Basement Demolition Plan

1/8" = 1'-0"

2 Electrical First Floor Demolition Plan

1/8" = 1'-0"

Electrical Second Floor Demolition Plan

3 1/8" = 1'-0"

REVISIONS

DATE

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Drawing Title

Electrical
Demolition Plans

Approved: Project Director

Project Title

Outpatient Mental Health Improvements
Overton Brooks
Veterans Administration Medical Center

Location

Shreveport, Louisiana

Date

01/20/2010

Checked

SEH

Drawn

EAS

Project Number

667-081

Building Number

Bldg. 1, South Wing

Drawing Number

ED101

Dwg. 122 of 123

Office of
Facility
Management

100% Submittal

A

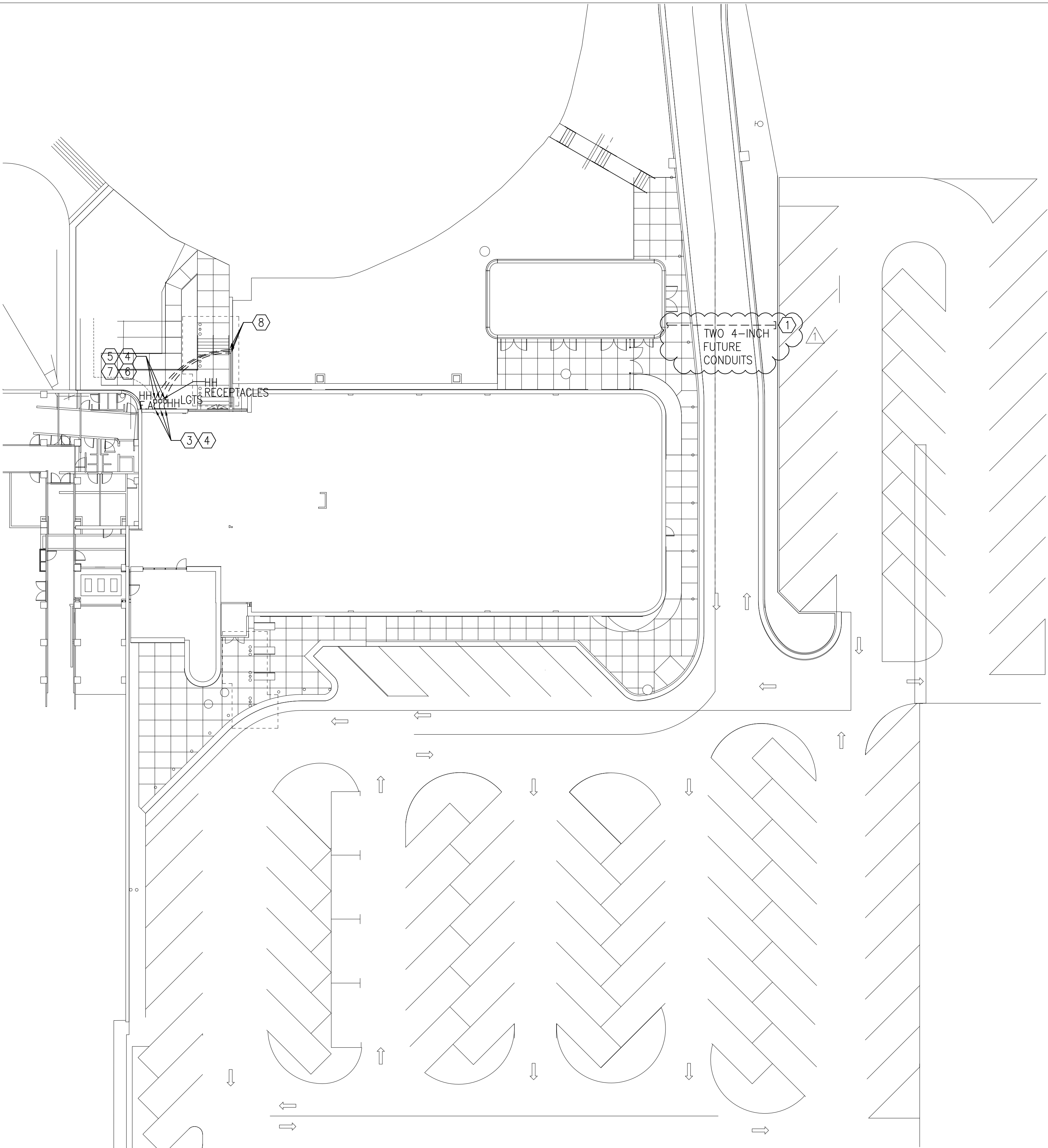
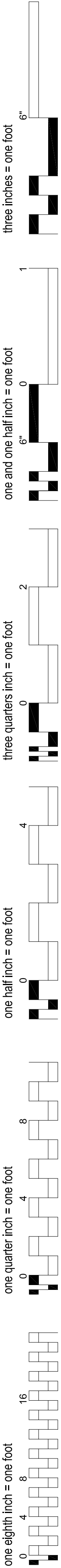
B

C

D

E

F



KEYED NOTES:

- 1. EXTEND TWO 4" PRIMARY CONDUITS FROM FEED-THRU CABINET ACROSS STREET AND STUB-OUT SIX FEET SOUTH OF STREET IN MEDIAN. CONCRETE DUCTBANK SHALL END FOUR FEET SOUTH OF STREET. CAP CONDUITS. RE: E203.
- 2. NOT USED.
- 3. REFER TO DEMOLITION SHEET ED101. INTERCEPT FIRE ALARM AND RECEPTACLE AND LIGHTING CIRCUITS INSIDE HOSPITAL AND PENETRATE WALL IN THIS GENERAL LOCATION AT SAME HEIGHT AS EXISTING PENETRATIONS AND ROUTE ALL WIRING/CONDUIT DOWN BELOW GRADE AND CONNECT INTO FLUSH-IN-GRADE HANDHOLES.
- 4. COORDINATE ALL WORK WITH OWNER PRIOR TO ROUGH-IN.
- 5. HANDHOLES SHALL BE FLUSH-IN-GRADE QUAZITE PG SERIES, TIER 15, 12X12, WITH HEAVY DUTY GASKETED COVER WITH FOUR PENTA-HEAD TYPE BOLTS. BOTTOM SHALL BE OPEN. BOTTOM OF BOX SHALL SIT ON 24" DEEP GRAVEL BASE.
- 6. SECURE ALL WIRING TO SIDE OF HANDHOLES 2" BELOW COVER SO WIRING IS RAISED ABOVE GRAVEL BASE.
- 7. ALL SPLICES SHALL BE UL RATED SUBMERSIBLE TYPE, IMPERVIOUS TO WATER.
- 8. INTERCEPT EXISTING FIRE ALARM, LIGHTING, AND RECEPTACLE CONDUITS AND EXTEND TO NEW HANDHOLES. EXTEND WIRING TO NEW HANDHOLE.

INFECTION CONTROL RISK ASSESSMENT (ICRA) REQUIREMENTS:

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1 Electrical Site Plan
SCALE:" 1": 20'

REVISIONS		DATE	AS-BUILT DRAWINGS This document has been prepared based on As-Built information provided by others. Those relying on this document are advised to obtain independent verification of its accuracy before using it for any purpose.	CONSULTANTS: Jacobs Engineering JACOBS 10816 EXECUTIVE CENTER DRIVE, SUITE 300 LITTLE ROCK, ARKANSAS 7211-4383 PHONE (501) 223-0515 FAX (501) 223-2470 JACOBS PROJECT NO: F3W81800	ARCHITECT/ENGINEERS: Tompkins Architects, LLC  612 N.W. Kay Drive Lee's Summit, Missouri 64063 Phone: (816) 525-9833 Fax: (816) 524-9005 Email: jet@tom-arch.com STUCK associates ARCHITECTS Phone: (501) 378-0059 www.stuckarch.com 1308 South Main Street Little Rock, Arkansas 72202	Drawing Title Electrical Site Plan		Project Title Outpatient Mental Health Improvements Overton Brooks Veterans Administration Medical Center		Project Number 667-081		Office of Facility Management
"As-Built" Document Revisions		06/26/12				Approved: Project Director		Location Shreveport, Louisiana		Building Number Bldg. 1, South Wing		
						Date 01/20/2010		Checked SEH		Drawn EAS		
								Drawing Number ES01		Dwg. 123 of 123		

A

B

C

D

E

ABBREVIATIONS 1) ALL ABBREVIATIONS SHOWN MAY NOT BE APPLICABLE TO THIS PROJECT.
2) REFER TO EQUIPMENT SCHEDULES FOR EQUIPMENT DESIGNATIONS.
3) REFER TO PIPING DESIGNATIONS AND TYPES FOR PIPE ABBREVIATIONS.

A	G	P
ABV ABOVE	GRND GROUND	PD PRESSURE DROP
A/C AIR CONDITIONER, AIR CONDITIONING	GA GAUGE	PH PHASE
ACC AIR COOLED CHILLER	GAL GALLON	PIV POST INDICATOR VALVE
ACCU AIR COOLED CONDENSING UNIT	GALV GALVANIZED	PLBG PLUMBING
AFC ABOVE FINISHED CEILING	GC GENERAL CONTRACTOR	PM ROOM PRESSURE MONITOR
AFF ABOVE FINISHED FLOOR	GF, GFIC GROUND FAULT INTERRUPTER	PNL PANEL
AFG ABOVE FINISHED GRADE	GPD GALLONS PER DAY	PSF POUNDS PER SQUARE FOOT
AMP AMPERES	GPH GALLONS PER HOUR	PSI POUNDS PER SQUARE INCH
ANSI AMERICAN NAT'L STANDARDS INSTITUTE	GPM GALLONS PER MINUTE	PSIA POUNDS PER SQUARE INCH ABSOLUTE
APD AIR PRESSURE DROP		PSIG POUNDS PER SQUARE INCH GAUGE
ARCH ARCHITECT, ARCHITECTURAL		PRV PRESSURE RELIEF VALVE
ARI AIR CONDITIONING & REFRIG INSTITUTE		PVC POLYVINYL CHLORIDE
ASHRAE AMERICAN SOCIETY OF HEATING REFRIGERATION & AC ENGINEERS	H	Q
ASME AMERICAN SOCIETY OF MECHANICAL ENGRS	H HEIGHT	QTY QUANTITY
ASTM AMERICAN SOCIETY OF TESTING & MATLS	HD HEAD, HUB DRAIN	
AUX AUXILIARY	HID HIGH INTENSITY DISCHARGE	R
AWG AMERICAN WIRE GAUGE	HOA HAND-OFF-AUTOMATIC	RA RETURN AIR
AWW AMERICAN WATER WORKS ASSOC.	HORIZ HORIZONTAL	RCP REFLECTED CEILING PLAN,
	HP HORSEPOWER	RD ROOF DRAIN
	HSTAT HUMIDISTAT	RE: REFERENCE, REFER
	HTG HEATING	RECIRC RECIRCULATE
	HTR HEATER	REINF REINFORCING, REINFORCED
	HVAC HEATING, VENTILATING & A/C	REQD REQUIRED
	HW HOT WATER	REV REVISION, REVISE
	HYD HYDRANT	RH RELATIVE HUMIDITY
	HZ HERTZ	RHG REFRIGERANT HOT GAS
		RL REFRIGERANT LIQUID
	I	RLA RUNNING LOAD AMPS
	ID INSIDE DIAMETER	RM ROOM
	IE INVERT ELEVATION	RPM REVOLUTIONS PER MINUTE
	IN INCH, INCHES	RS REFRIGERANT SUCTION
	IN WC INCHES OF WATER COLUMN	
	J	S
	J-BOX JUNCTION BOX	SA SUPPLY AIR
		SD SMOKE DAMPER, STORM DRAIN
	K	SECT SECTION
	KVA KILOVOLT-AMPS	SF SQUARE FEET, SQUARE FOOT
	KW KILOWATTS	SM SHEET METAL
	KWH KILOWATT-HOUR	SMACNA SHEET METAL & A/C CONT. NAT'L ASSOC.
		SP STATIC PRESSURE
	L	SPEC SPECIFICATION
	LENGTH LENGTH	SQ SQUARE
	LAT LEAVING AIR TEMPERATURE	SS STAINLESS STEEL, SANITARY SEWER
	LBS, # POUNDS	ST SOUND TRAP, STEAM TRAP
	LDB LEAVING DRY BULB	STD STANDARD
	LF LINEAR FEET	SURF SURFACE
	LP LOW PRESSURE	SUSP SUSPEND, SUSPENDED
	LRA LOCKED ROTOR AMPS	
	LTG LIGHTING	T
	LWB LEAVING WET BULB	THRU THROUGH
	LWT LEAVING WATER TEMPERATURE	TP TOTAL PRESSURE
		TSP TOTAL STATIC PRESSURE
	M	TSTAT THERMOSTAT
	MAX MAXIMUM	TYP TYPICAL
	MBTU, MBH 1000 BTU PER HOUR	
	MCA MINIMUM CIRCUIT AMPACITY	U
	MCB MAIN CIRCUIT BREAKER	U/F UNDER FLOOR
	MCC MOTOR CONTROL CENTER	U/G UNDERGROUND
	MD MOTORIZED DAMPER	U/S UNDER SLAB
	MECH MECHANICAL	UL UNDERWRITERS LABORATORIES, INC.
	MFR MANUFACTURER	UNLESS OTHERWISE NOTED
	MOCP MAXIMUM OVER CURRENT PROTECTION	UON UNINTERRUPTABLE POWER SUPPLY
	MH MANHOLE, METAL HALIDE	
	MIN MINIMUM	V
	MTD MOUNTED	V VOLT
		VA VOLT-AMPERE
	N	VAC VACUUM
	N/A NOT APPLICABLE	VAV VARIABLE AIR VOLUME
	NC NOISE CRITERIA, NORMALLY CLOSED	VD VOLUME DAMPER
	NEC NATIONAL ELECTRICAL CODE	VERT VERTICAL
	NEMA NATIONAL ELECTRICAL MFR'S ASSOC.	VTR VENT THROUGH ROOF
	NFPA NATIONAL FIRE PROTECTION ASSOC.	
	NOT IN CONTRACT	W
	N.O. NORMALLY OPEN	W WATT, WIDTH
	NTS NOT TO SCALE	W/ WITH
		W/O WITHOUT
	O	WB WET BULB
	OA OUTSIDE AIR	WC WATER COLUMN
	OBD OPPOSED BLADE DAMPER	WPD WATER PRESSURE DROP
	OD OUTSIDE DIAMETER	WT WATERTIGHT, WEIGHT
	OH OVERHEAD	
	ORD OVERFLOW ROOD DRAIN	X
	OS&Y OUTSIDE STEM AND YOKE	XFRMR TRANSFORMER
	OSHA OCCUPATIONAL SAFETY & HEALTH ADMIN.	
	OF/CI OWNER FURNISHED / CONTRACTOR INSTALLED	

(ALL SYMBOLS SHOWN ARE NOT NECESSARILY USED ON THE DRAWINGS)

HVAC SYMBOLS

DUCTWORK

	SUPPLY AIR DIFFUSER - ARROWS INDICATE PATTERN. NO PATTERN SHOWN EQUALS 4-WAY.
	RETURN AIR GRILLE
	EXHAUST GRILLE
	SUPPLY AIR SLOT
	RETURN AIR SLOT
	ROUND DUCTWORK. DIAMETER IN INCHES.
	FLAT OVAL DUCTWORK. SIZE IN INCHES, FIRST NUMBER IS MAJOR AXIS (SIDE SHOWN).
	RECTANGULAR DUCTWORK. SIZE IN INCHES, FIRST NUMBER IS SIDE SHOWN.
	EXISTING DUCTWORK IS SHOWN DASHED.
	SUPPLY OR OUTSIDE AIR DUCT
	RETURN AIR DUCT.
	RELIEF OR EXHAUST AIR DUCT.
	DIFFUSER/GRILLE LABEL: - TYPE/DESIGNATION - AIRFLOW (CFM)
	90 DEGREE DUCTWORK ELBOW.
	RADIUS DUCTWORK ELBOW - ROUND OR RECTANGULAR.
	RECTANGULAR DUCTWORK BRANCH TAKE-OFF WITH 45 DEGREE BRANCH INLET.
	HIGH EFFICENY TAP WITH DAMPER AND FLEX DUCT (AT DIFFUSER CONNECTION).
	ROUND DUCT BRANCH TAKE-OFF FROM RECTANGULAR MAIN WITH CONICAL TAP.
	DUCTWORK SIZE TRANSITION.
	DUCT PRESSURE CLASS.
	POINT OF CHANGE IN DUCT CONSTRUCTION.
	SUPPLY OR OUTSIDE AIR DUCT UP
	SUPPLY OR OUTSIDE AIR DUCT DOWN
	RETURN AIR DUCT UP
	RETURN AIR DUCT DOWN
	RELIEF OR EXHAUST AIR DUCT UP
	RELIEF OR EXHAUST AIR DUCT DOWN
	IN-LINE 90 DEGREE DROP (RISE) IN DUCT
	INCLINED RISE IN DUCT
	INCLINED DROP IN DUCT
	TURNING VANES
	DUCT MOUNTED HUMIDIFIER
	POINT OF CONNECTION - NEW TO EXISTING
	MOTORIZED DAMPER
	DAMPER TYPE: FD - FIRE DAMPER SD - SMOKE DAMPER F/SD - COMBINATION FIRE/SMOKE DAMPER NO MARK INDICATES MANUAL VOL. DMPR.
	THERMOSTAT
	HUMIDISTAT
	DUCT SMOKE DETECTOR
	ROUND
	OVAL
	ELECTRONIC ROOM PRESSURE MONITOR

MECHANICAL PIPING DESIGNATIONS

— CHS —	CHILLED WATER SUPPLY
— CHR —	CHILLED WATER RETURN
— HWS —	HEATING HOT WATER SUPPLY
— HWR —	HEATING HOT WATER RETURN
— S ₁₂ —	STEAM / PRESSURE (12 PSIG)
— CR —	CONDENSATE RETURN
— PC —	PUMPED CONDENSATE RETURN
— VTR —	VENT THRU ROOF (STEAM)
— CD —	CONDENSATE DRAIN (COLD)
- - - AAA - - -	EXISTING PIPE TO REMAIN.
- * - AAA - * -	EXISTING PIPE TO BE REMOVED, "AAA" DENOTES TYPE

STATEMENT OF RESPONSIBILITY

I HEREBY STATE THAT THE DRAWINGS INTENDED TO BE AUTHENTICATED BY MY SEAL ARE LIMITED TO THE FOLLOWING:

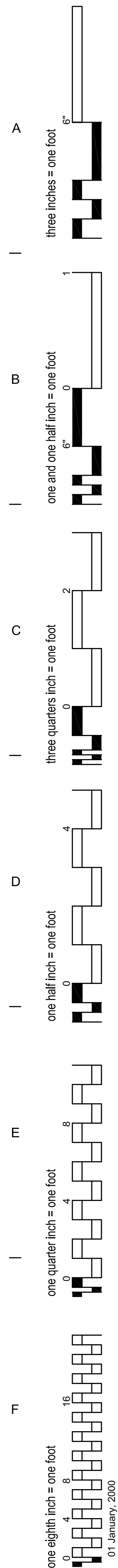
M001, M002, M101, M102, M103, M104, M201, M202, M203, M301, M302, M401, M402, M403, M501, M502, M503, M504, M505, M506, M601, M602, M603, MD101

I HEREBY DISCLAIM ANY RESPONSIBILITY FOR ALL OTHER DRAWINGS, ESTIMATES, REPORTS AND OTHER DOCUMENTS OR INSTRUMENTS RELATING TO OR INTENDED TO BE USED FOR ANY PART OR PARTS OF THE ARCHITECTURAL OR ENGINEERING PROJECT OR SURVEY.

INFECTION CONTROL RISK ASSESSMENT (ICRA) REQUIREMENTS:

1. THE CONTRACTOR SHALL COMPLY WITH ALL ICRA TRAINING AND PROCEDURES AS SET FORTH BY THE HOSPITAL'S ICRA REPRESENTATIVE. THE CONTRACTOR IS REQUIRED TO REQUEST, BE FAMILIAR WITH, AND REQUIRE HIS EMPLOYEE'S FULL COMPLIANCE.

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							Location Shreveport, Louisiana		Date 01/20/2010	Checked JPRP	Drawn EAS	Dwg. 68 of 123		



GENERAL NOTES

1) REFER TO DRAWINGS AND PROJECT SPECIFICATIONS FOR ADDITIONAL PROJECT INFORMATION AND REQUIREMENTS.
2) REFER TO GENERAL NOTES FOR OTHER DISCIPLINES FOR ADDITIONAL PROJECT INFORMATION AND REQUIREMENTS.
3) NOTIFY ENGINEER OF CONFLICTS BETWEEN REQUIREMENTS OF THESE NOTES, DWGS, SPECS, AND FIELD CONDITIONS.

1. ALL WORK MUST COMPLY WITH THE REQUIREMENTS OF LOCAL CODES AND ORDINANCES. WHERE INSPECTIONS ARE REQUIRED BY AUTHORITIES HAVING JURISDICTION, WORK MUST NOT BE CONCEALED UNTIL INSPECTIONS AND TESTING ARE COMPLETED AND ACCEPTED.

2. PRIOR TO BID, CONTRACTOR MUST BECOME THOROUGHLY FAMILIAR WITH THE REQUIREMENTS OF THE GENERAL NOTES AS WELL AS ALL OTHER NOTES SHOWN ON THE CONTRACT DOCUMENTS. VISIT THE SITE TO ESTABLISH THE EXISTING CONDITIONS PRIOR TO BID AND PRIOR TO ANY DUCT, PIPE, OR EQUIPMENT FABRICATION. SYSTEMS MUST BE ERECTED USING CONTRACTOR'S FIELD MEASUREMENTS FOR COORDINATION WITH EQUIPMENT, STRUCTURE, FIRE PROTECTION, AND ELECTRICAL CONDITIONS IN THE SPACE.

3. ALL CONTRACT DOCUMENTS ARE DIAGRAMMATIC AND INDICATE THE GENERAL ARRANGEMENTS OR GEOMETRICAL RELATIONSHIPS OF EQUIPMENT AND SERVICES. THEY ARE NOT INTENDED TO SPECIFY OR SHOW EVERY OFFSET, SEQUENCE, DEVICE, OPTION, FITTING, OR COMPONENT. DO NOT SCALE DRAWINGS.

4. INFORMATION AND COMPONENTS SHOWN ON DIAGRAMS OR DETAILS, BUT NOT SHOWN ON PLANS, AND VICE VERSA, MUST BE PROVIDED AS IF EXPRESSLY REQUIRED BY BOTH.

5. EXCEPT WHERE INDICATED OTHERWISE, THE NOTATION OR DESCRIPTION OF ANY ITEM IN THE CONTRACT DOCUMENTS CARRIES WITH IT THE INSTRUCTION TO FURNISH AND INSTALL THE ITEM, WHETHER OR NOT THIS INSTRUCTION IS EXPLICITLY STATED.

6. ALL SYSTEMS INSTALLATION MUST MAINTAIN INTEGRITY OF WALLS, PARTITIONS AND FLOORS DESIGNATED AS EITHER FIRE RATED OR "SMOKE TIGHT". SEAL AROUND ALL PENETRATIONS THROUGH RATED OR SMOKE TIGHT ASSEMBLIES. COORDINATE W/ARCHITECTURAL PLANS AND GENERAL CONTRACTOR.

7. THE CONTRACT DOCUMENTS REFLECT A SYSTEM DESIGNED AROUND SPECIFIC REFERENCE PRODUCTS, THE SELECTION OF WHICH HAS IMPACTED THE DESIGNS OF OTHER TRADES. IF ALTERNATE MANUFACTURERS, FUEL SOURCES, SIZES, MODEL NUMBERS, ETC. ARE SUBMITTED OR BID, IT IS THE RESPONSIBILITY OF THIS CONTRACTOR TO COORDINATE ALL DIFFERENCES AND IMPACTS WITH ALL TRADES PRIOR TO BID, INCLUDING COSTS ASSOCIATED WITH REQUIRED CHANGES TO OTHER TRADES. NO EXTRAS WILL BE ALLOWED FOR CHANGES REQUIRED TO OTHER TRADES IF ALTERNATE EQUIPMENT IS BID OR INSTALLED AT THE CONTRACTOR'S OPTION.

8. COORDINATE PLACEMENT OF ALL MECHANICAL RELATED EQUIPMENT AND DEVICES WITH OTHER TRADES. DO NOT POSITION OR INSTALL ANY MECHANICAL EQUIP. OR DEVICES IN ANY SYSTEM IN SUCH A WAY THAT IT WILL BE INACCESSIBLE OR UNMAINTAINABLE AFTER CONSTRUCTION IS COMPLETED. PROVIDE DUCT ACCESS DOORS AT FIRE DAMPERS, ETC.

9. NO OTHER TRADES ARE ALLOWED TO BE SUPPORTED FROM MATERIALS, EQUIPMENT OR DEVICES INSTALLED BY THE MECHANICAL TRADES. LIKEWISE, ALL WORK INSTALLED BY THE MECHANICAL TRADES MUST BE SUPPORTED FROM THE STRUCTURE ABOVE, FROM WALLS, OR FROM THE FLOOR UNLESS OTHERWISE INDICATED.

10. HOUSEKEEPING PADS: EXCEPT WHERE STRUCTURAL EQUIPMENT SUPPORT PADS ARE CALLED FOR ON THE PLANS, PROVIDE CONCRETE HOUSEKEEPING PADS FOR ALL GROUND AND/OR FLOOR MOUNTED EQUIPMENT. UNLESS OTHERWISE INDICATED, PADS MUST BE A MINIMUM OF 4 INCHES THICK WITH CHAMFERED EDGES. WHERE PADS ARE INSTALLED ON CONCRETE FLOORS, DOWEL RODS PENETRATING INTO BOTH THE PAD AND THE SUPPORTING FLOOR (MINIMUM OF FOUR RODS PER PAD) MUST BE USED TO ANCHOR PADS IN POSITION.

11. REPLACE OR REPAIR ALL ARCHITECTURAL FEATURES REMOVED OR DAMAGED DURING THE COURSE OF THE WORK. REPAIR OR REPLACEMENT MUST, AS A MINIMUM, EQUAL ORIGINAL CONDITION. SPECIAL CARE MUST BE TAKEN ON THE ROOFS TO PREVENT DAMAGE. ANY DAMAGE MUST BE PROMPTLY REPAIRED AT NO EXPENSE TO THE OWNER. COMPLY WITH BONDING REQUIREMENTS OF THE ROOFING MANUFACTURER.

12. ALL WIRING INSTALLED FOR CONTROLS, POWER, INTERLOCKS, ETC. WHICH ARE TO BE INSTALLED MUST BE INSTALLED IN CONDUIT UNLESS OTHERWISE INDICATED. ALL SUCH INSTALLATIONS MUST MEET NFPA AND NEC REQUIREMENTS AND LOCAL CODES. FOR CONTROLS, PLENUM RATED CABLING IS ALLOWED WHERE CONTROL WIRING IS LOCATED ABOVE THE CEILING.

13. SEAL ALL ROOF AND WALL PENETRATIONS. FLASH AND COUNTER-FLASH ALL ROOF PENETRATIONS. MINIMUM ACCEPTABLE HEIGHT OF FLASHING IS TWELVE (12) INCHES ABOVE ROOF.

14. ALL MECHANICAL WORK MUST BE INSTALLED AS HIGH AS POSSIBLE SO AS TO MAINTAIN THE MAXIMUM POSSIBLE CLEARANCE ABOVE FINISHED FLOOR.

15. GRAVITY DRAINAGE SYSTEMS HAVE PRIORITY OVER OTHER SYSTEMS WITH REGARD TO ROUTING.

16. CEILING MOUNTED SPRINKLER, LIGHTING, AND ELECTRICAL REQUIREMENTS TAKE PRECEDENCE OVER CEILING MOUNTED MECHANICAL REQUIREMENTS. SEE ARCHITECTURAL REFLECTED CEILING PLANS FOR CEILING GRID AND LIGHTING LAYOUT FOR COORDINATION OF FINAL AIR DEVICE LOCATIONS.

17. FABRICATION AND INSTALLATION OF HVAC WORK IS TO COMPLY WITH SMACNA AND ALL APPLICABLE CODES.

18. DUCT SIZES SHOWN ON PLANS INDICATE MINIMUM REQUIRED CLEAR INSIDE DIMENSIONS. ADJUST DUCT SIZES FOR LINER THICKNESS WHERE APPLICABLE OR WHERE SHOWN. SEE NOTES AND/OR SPECIFICATIONS FOR INSULATION TYPE AND STANDARDS.

19. DUCTWORK EXPOSED TO VIEW MUST BE FURNISHED SUITABLE FOR PAINTING, AND MUST BE PAINTED AS REQUIRED BY ARCHITECTURAL SPECIFICATIONS. ANY DUCTWORK WHICH PASSES OVER RETURN AIR OPENING THROUGH WHICH DUCT IS VISIBLE, MUST BE PAINTED FLAT BLACK A MINIMUM OF 5 FEET EACH SIDE OF OPENING TO REDUCE VISIBILITY. AIR DEVICE INTERIORS SHALL BE PAINTED AS REQUIRED BY THE ARCHITECT.

20. PROVIDE FLEXIBLE CONNECTIONS ON DUCT INLET AND OUTLET CONNECTIONS TO ALL ROOF TOP UNITS, AIR HANDLER UNITS, FAN COIL UNITS, EXHAUST FANS, AIR TERMINAL BOXES, ETC. WHERE EQUIPMENT HAS ROTATING PARTS OR MOTORS.

21. PROVIDE DUCT TRANSITIONS AS REQUIRED AT EQUIPMENT AND DEVICE CONNECTIONS WHERE DUCT SIZES INDICATED DIFFER FROM THE DUCT CONNECTION SIZE OR DUCT COLLAR.

22. PROVIDE TURNING VANES AT ALL 90 DEGREE ELBOWS INSTALLED TANGENT TO THE AIR STREAM. WHERE DUCT DIMENSIONS REQUIRE TURNING VANES TO BE 24 INCHES OR GREATER IN LENGTH, THE TURNING VANES MUST BE DOUBLE THICKNESS.

23. MAINTAIN MINIMUM CLEAR DISTANCE OF 5'-0" BETWEEN PARAPET WALL AND ALL ROOF MOUNTED MECHANICAL EQUIPMENT (FANS, RTU'S, CONDENSERS, ETC.). MAINTAIN A CLEAR DISTANCE OF 10'-0" MINIMUM BETWEEN PARAPET WALL AND FLUES FROM GAS BURNING EQUIPMENT. OFFSET DUCTS AND FLUES BELOW ROOF AS REQUIRED TO ACCOMPLISH THESE CLEARANCES.

24. MAINTAIN A MINIMUM OF 25'-0" BETWEEN ALL FRESH AIR INTAKES AND PLUMBING VENTS, EXHAUST FAN DISCHARGE, FLUES, VENTS THRU ROOF, ETC. COORDINATE WITH ALL OTHER CONTRACTORS ON SITE.

25. ALL DUCTS MUST BE MOUNTED AS HIGH AS POSSIBLE EXCEPT AS REQUIRED TO AVOID CONFLICTS WITH INTERSECTING DUCTS. DIAGONALLY OFFSET ALL DUCTS IMMEDIATELY BEFORE AND AFTER PASSING UNDER INTERSECTING DUCTS OR LARGE STRUCTURAL MEMBERS TO MAINTAIN MAXIMUM HEIGHT ABOVE FINISHED FLOOR (AFF).

26. COORDINATE FINAL PLACEMENT OF ALL THERMOSTATS AND TEMPERATURE SENSORS WITH WALL MOUNTED DEVICES AND OWNER'S REPRESENTATIVE. MOUNT THERMOSTATS AND TEMPERATURE SENSORS AT 48" AFF. ANY THERMOSTAT OR TEMPERATURE SENSOR THAT IS REQUIRED TO BE MOUNTED ON AN EXTERIOR WALL MUST BE MOUNTED ON AN INSULATED PAD.

27. PROVIDE ACCESS DOORS AT ALL FIRE DAMPERS, SMOKE DAMPERS, EQUIPMENT, COILS, ETC. WHERE NOT DIRECTLY ACCESSIBLE THROUGH AIR DEVICES OR REMOVABLE CEILING GRID. MINIMUM SIZE WILL BE 18" X 18" UNLESS NOTED OTHERWISE. COORDINATE WITH GENERAL CONTRACTOR, OWNER'S REPRESENTATIVE, AND ARCHITECT.

28. BALANCE MECHANICAL SYSTEMS TO PROVIDE INDICATED FLOWS. SEE SPECIFICATIONS FOR OTHER TEST AND BALANCE REQUIREMENTS. SUBMIT FINAL BALANCE REPORT OF MECHANICAL SYSTEMS (FLOW AND TEMPERATURE) FOR REVIEW.

29. ANY PIPE LENGTHS, UNIT OR DEVICE COUNTS SHOWN ON THE PLANS ARE INDICATED ONLY FOR THE PURPOSES OF ASSISTING THE PLAN CHECK PROCESS OF THE LOCAL AUTHORITIES FOR THE PURPOSE OF OBTAINING A CONSTRUCTION PERMIT. SUCH QUANTITIES ARE NOT INTENDED FOR USE BY THE CONTRACTOR AS A SUBSTITUTE FOR PERFORMING AN ACTUAL MATERIALS TAKEOFF FOR BID PURPOSES. NO EXTRAS ARE ALLOWED FOR FAILURE ON THE CONTRACTOR'S PART TO PERFORM A PROPER AND COMPLETE MATERIALS TAKEOFF FOR THE BID.

30. CONTRACTOR MUST VERIFY UTILITIES LOCATIONS AND INVERTS WITH SITE ENGINEER AND GENERAL CONTRACTOR PRIOR TO PLACEMENT OF SERVICES. ALL SYSTEMS MUST BE INSTALLED AS PER SPECIFICATIONS AND GOVERNING CODES.

31. WHEN PIPING FIVE (5) INCH DIAMETER AND OVER IS SUPPORTED FROM BAR JOISTS, EACH HANGER IS TO BE SUPPORTED BY AT LEAST TWO JOISTS BY MEANS OF SUPPLEMENTAL STEEL TO SPAN BETWEEN ADJACENT JOISTS. PIPING SIX (6) INCH DIAMETER AND OVER MUST ADDITIONALLY BE SUPPORTED FROM TOP CHORD OF STRUCTURE. KEEP PIPING THIS SIZE WITHIN 5' OF COLUMN LINES UNLESS OTHERWISE INDICATED.

32. ALL PIPE DROPS FROM ABOVE TO BELOW FLOOR MUST BE MADE IN FURR-OUTS AT COLUMNS, IN WEB OF BEAMS AT COLUMNS, OR IN WALLS UNLESS SHOWN OTHERWISE.

33. ROUTE ALL RELIEF PIPING AND VENTS TO OUTSIDE OF BUILDING OR AS INDICATED. DISCHARGE IN VISIBLE LOCATIONS.

34. PROVIDE SHUT-OFF VALVES AT ALL BRANCH WATER LINES, TYPICAL. INSTALL VALVES IN ACCESSIBLE LOCATIONS.

35. PROVIDE BACKFLOW PREVENTION DEVICES AT CHILLED WATER / HEATING SYSTEMS AND ANYWHERE THE POSSIBILITY OF CONTAMINATING THE POTABLE WATER SYSTEM EXISTS.

36. INSULATE ALL CONDENSATE DRAINS CARRYING OR DESIGNATED TO CARRY HVAC CONDENSATE PER INSULATION REQUIREMENTS FOR COLD WATER LINES.

37. ALL PIPE PENETRATIONS THROUGH FLOOR SLAB FROM BELOW GRADE MUST BE SLEEVED AND ISOLATED FROM THE SLEEVE WITH INSULATION AS PER SPECIFICATIONS. PIPE PENETRATIONS THROUGH OTHER FLOORS ARE TO BE SLEEVED AND SEALED WITH FIRE SEALANT MATERIAL TO MAINTAIN THE FIRE RATING OF THE FLOOR SEPARATION.

38. ALL BELOW GRADE CHILLED WATER LINES INSIDE THE BUILDING FOOTPRINT ARE TO BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS FOR THAT APPLICATION. TURN PIPE UP AND MAKE HDPE-TO-STEEL PIPING TRANSITION ABOVE GRADE CONCEALED IN WALLS OR AT COLUMN FURR-OUTS, ETC.

39. FINAL ROUTING AND STUB-OUTS OF ALL BELOW GRADE PIPING INSIDE THE BUILDING FOOTPRINT MUST BE ACCURATELY MARKED ON THE AS-BUILTS WITH LOCATION DIMENSIONS REFERENCED TO COLUMN LINES. ALSO NOTE ON AS-BUILTS THE LOCATIONS OF JOINTS HIDDEN IN WALLS OR AT COLUMN FURR-OUTS.

40. OFFSET VTR'S OR OTHER ROOF PENETRATIONS TO MAINTAIN 10 FEET FROM ANY ROOF ACCESS HATCHES.

41. COORDINATE INSTALLATION CLOSELY WITH OTHER TRADES. FLOOR TO FLOOR CLERANCE IS TIGHT FOR THIS FACILITY. REFER TO MECHANICAL SHEETS FOR SECTION VIEWS INDICATING GENERAL INSTALLATION.

42. REFER TO ARCHITECTURAL SPECIFICATIONS FOR DETAILED LISTING OF DEDUCTIVE ALTERNATES FOR THIS PROJECT.

43. ASBESTOS ABATEMENT: CONTRACTOR SHALL REQUEST A COPY OF THE OWNER'S ASBESTOS REPORT FROM THE CONTRACTING OFFICER TO DETERMINE IF ANY ASBESTOS ABATEMENT IS REQUIRED. CONTRACTOR SHALL REVIEW ARCHITECTURAL NOTES REGARDING ASBESTOS ABATEMENT.

44. SMOKE DAMPER VOLTAGE SHALL BE 120V, RE: ELECTRICAL.

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REVISIONS		DATE
	AMENDMENT 9, ITEM 11; 8/26/2009	12/1/09

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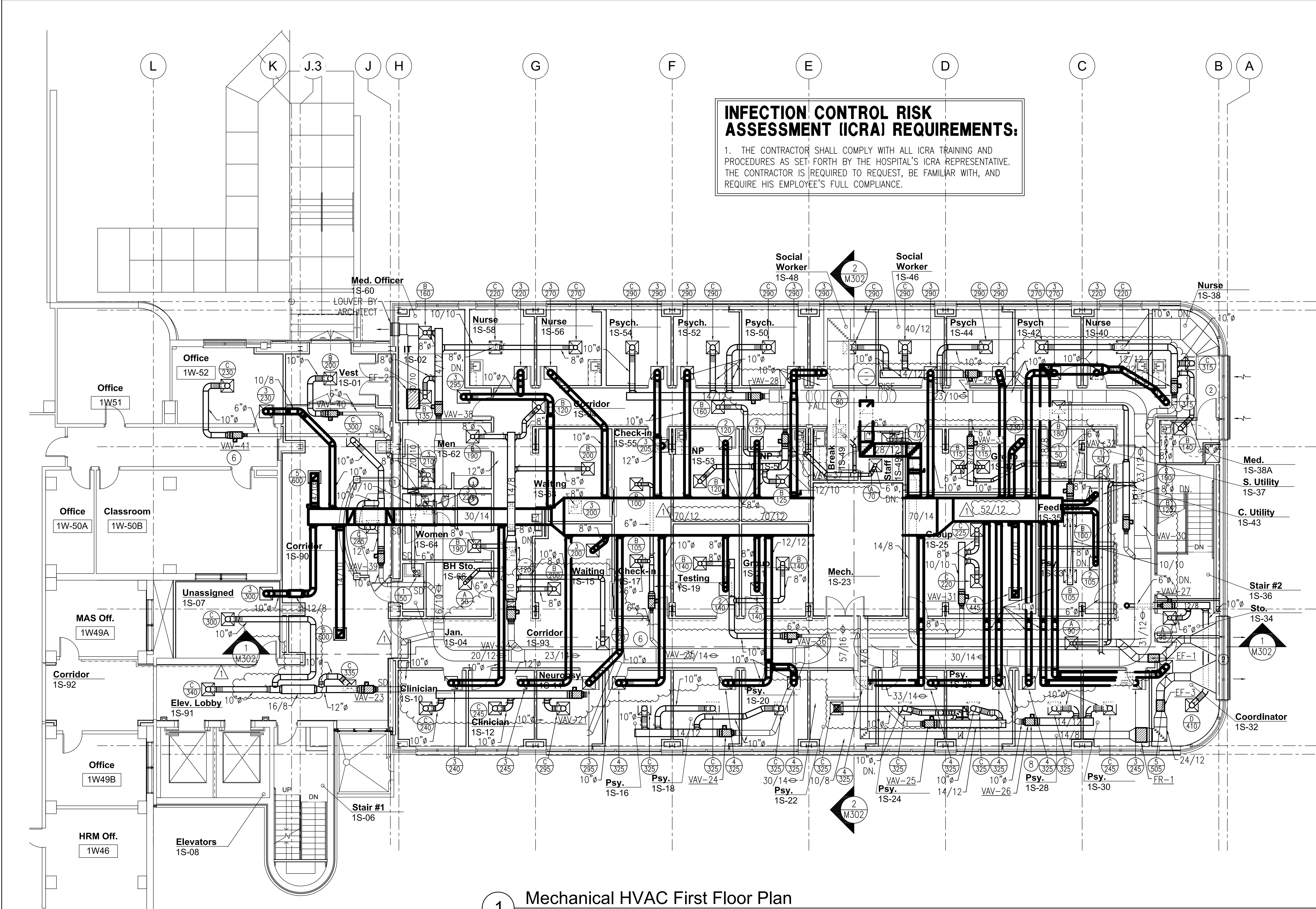
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Drawing Title
General Notes and Schedules
Approved: Project Director

Project Title
Outpatient Mental Health Improvements
Overton Brooks
Veterans Administration Medical Center
Location
Shreveport, Louisiana
Date
01/20/2010
Checked
JPRP
Drawn
EAS
Project Number
667-081
Building Number
Bldg. 1, South Wing
Drawing Number
M002
Dwg. 69 of 123

Office of Facility Management
100% Submittal

three inches = one foot
one and one half inch = one foot
three quarters inch = one foot
one half inch = one foot
one quarter inch = one foot
one eighth inch = one foot



KEYED NOTES:

- 1 20/6 EXHAUST DUCT UP FROM BASEMENT. PROVIDE FIRE DAMPER ACCESS FROM BELOW.
- 2 INSTALL EXTERNALLY INSULATED PLENUM TO ARCHITECTURAL LOUVER.

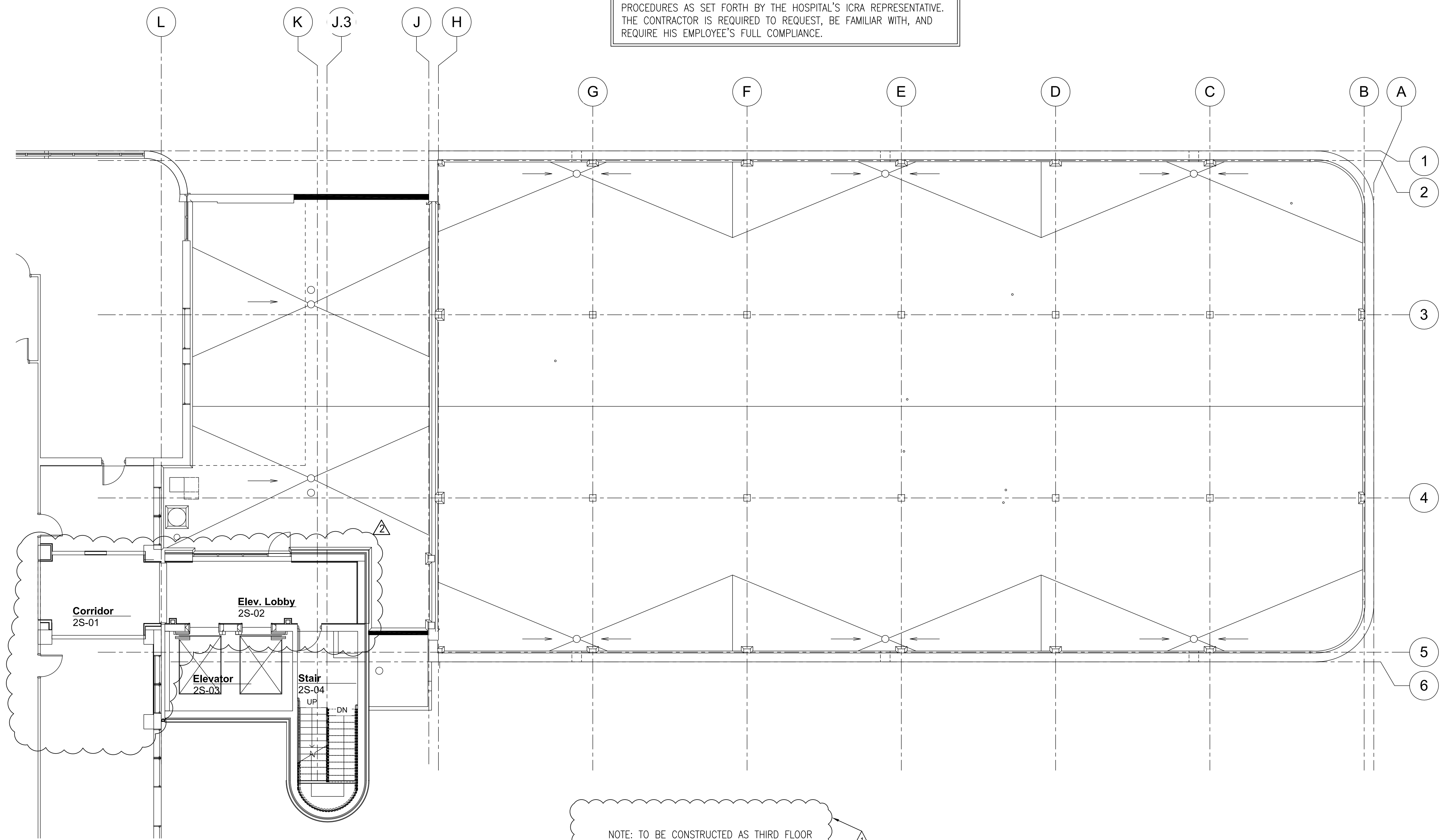
INFECTION CONTROL RISK ASSESSMENT (ICRA) REQUIREMENTS:
1. THE CONTRACTOR SHALL COMPLY WITH ALL ICRA TRAINING AND PROCEDURES AS SET FORTH BY THE HOSPITAL'S ICRA REPRESENTATIVE. THE CONTRACTOR IS REQUIRED TO REQUEST, BE FAMILIAR WITH, AND REQUIRE HIS EMPLOYEE'S FULL COMPLIANCE.

1 Mechanical HVAC First Floor Plan
1/8" = 1'-0"

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1 "As-Built" Document Revisions		06/27/12					Approved: Project Director		Location Shreveport, Louisiana		Building Number Bldg. 1, South Wing	
							Date 01/20/2010		Checked SEH		Drawing Number M102	
									Drawn EAS		Dwg. 72 of 123	

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three inches = one foot
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one and one half inch = one foot
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three quarters inch = one foot
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one half inch = one foot
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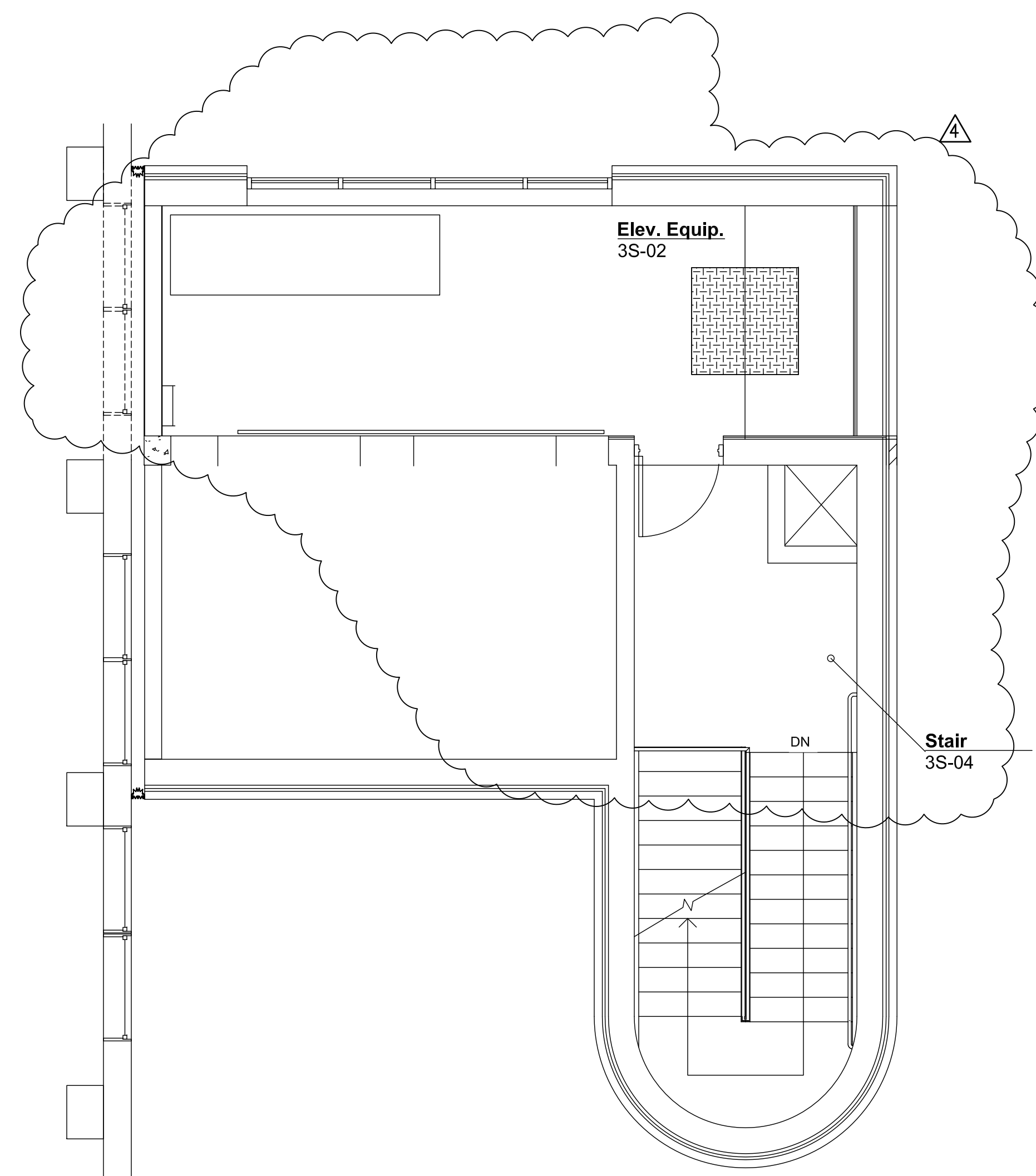


1 Mechanical HVAC Second Floor/Roof Plan
1/8" = 1'-0"

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<div>1</div>	RFI NO. 006	1/20/10				Location Shreveport, Louisiana			Building Number Bldg. 1, South Wing		
<div>2</div>	"As-Built" Document Revisions	10/08/12				Date 01/20/2010	Checked JPRP	Drawn EAS	Drawing Number M103 Dwg. 73 of 123		

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three inches = one foot
one and one half inch = one foot
three quarters inch = one foot
one half inch = one foot
one quarter inch = one foot
one eighth inch = one foot



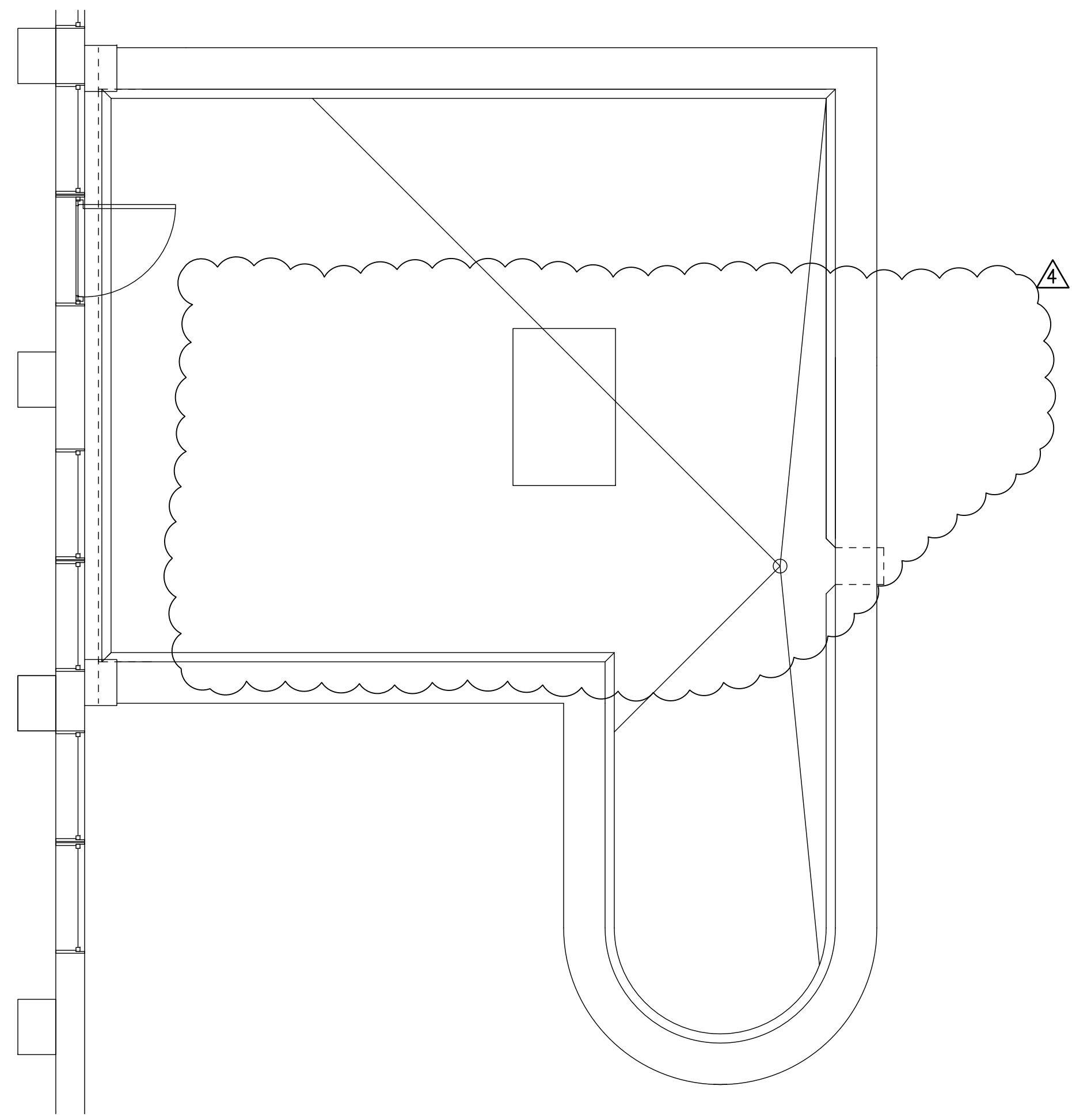
1 Mechanical HVAC Second Floor Plan
1/4" = 1'-0"

AMENDMENT 9, CLIN007, ITEM 4: DELETE THE INDICATED THIRD FLOOR CONSTURCATION IN ITS ENTIRETY. THE THIRD FLOOR PLAN SHALL NOW BECOME THE SECOND FLOOR PLAN WITH THE ELEVATOR EQUIPMENT ROOM AND STAIR LAYOUT BEING THE SAME AS THE PREVIOUS THIRD FLOOR. ALL WORK AT THE EXISTING THIRD FLOOR SHALL BE SIMILAR TO THE FOURTH FLOOR WHERE THERE WILL BE A NEW DOOR TO THE ROOD OF THE ELEVATOR TOWER FROM THE EXISTING BUILDING. AT THE SECOND FLOOR THE ONLY WORK IN THE EXISTING BUILDING WILL BE TO BLOCK IN THE EXISTING WINDOWS AND REINISH THE EXTERIOR WALLS OF THE AFFECTED ROOMS.

AMENDMENT 9, CLIN007, ITEM 3: DELETE BOTH (2) ELEVATORS INCLUDING ALL CONTROLLERS, MACHINES, RAILS, CABS, ENTRANCES, AND ALL OTHER ELEVATOR EQUIPMENT. ELEVATOR STRUCTURAL AND ELECTRICAL REQUIREMENTS TO REMAIN AS DESIGNED. DELETE THE MECHANICAL HVAC REQUIREMENTS FOR THE ELEVATOR EQUIPMENT AS DETAILED ON M104 (THIS SHEET). PROVIDE 6" MASONRY BLOCK KNOCK OUT PANELS FOR THE FUTURE HOISTWAY ENTRANCES TO FACILITATE FUTURE ELEVATOR INSTALLATION.

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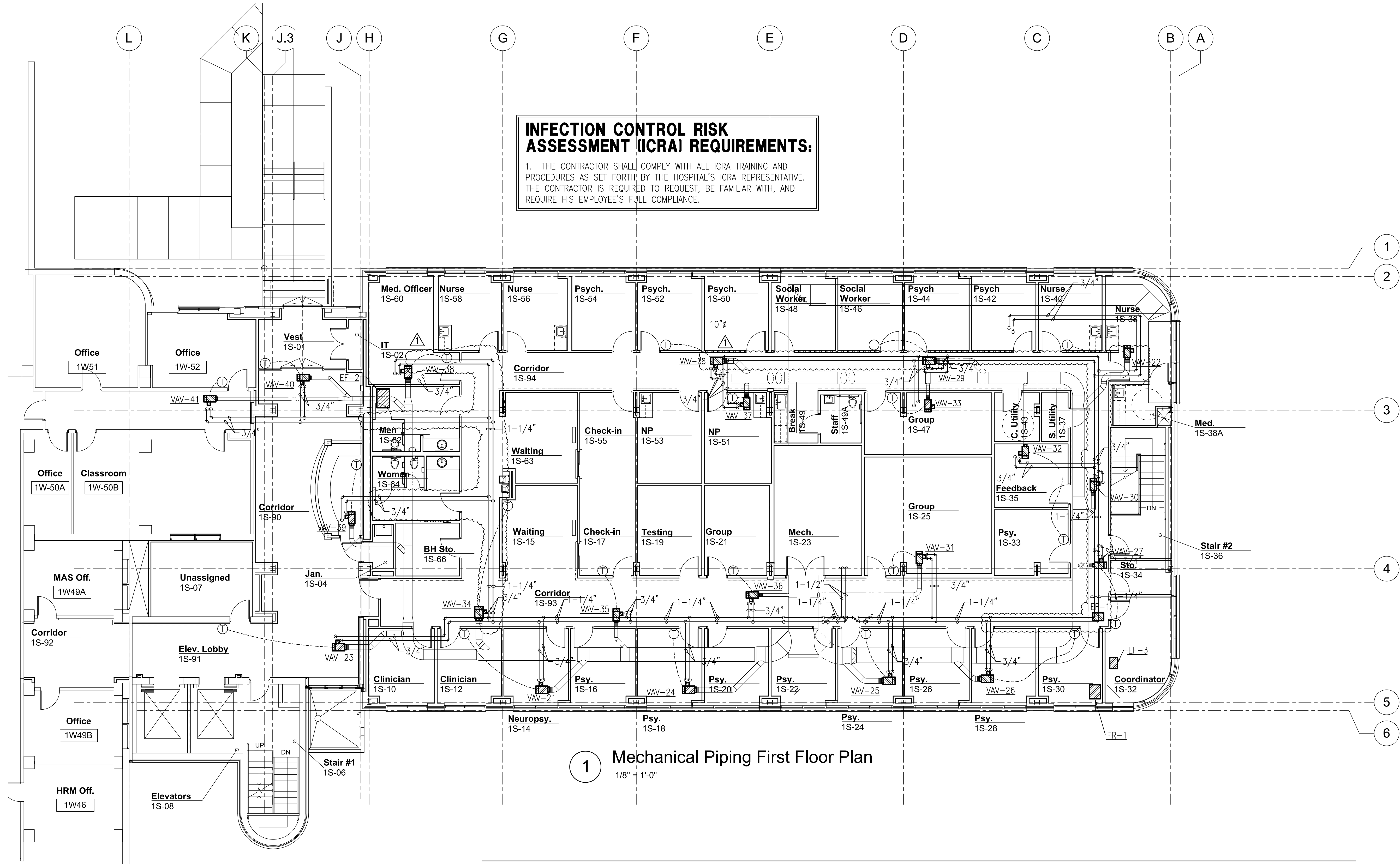


2 Mechanical HVAC Roof @ 3rd Floor Level Plan
1/4" = 1'-0"

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1	AMENDMENT 9,CLIN0007;8/26/2009	12/1/09				Approved: Project Director		Location Shreveport, Louisiana		Building Number Bldg. 1, South Wing		
2	AMENDMENT 9,CLIN0007;8/26/2009	12/1/09				Date 01/20/2010		Checked JPRP		Drawing Number M104		
3	RFI NO. 006	1/20/10				Drawn EAS		Dwg. 74 of 123				
4	"As-Built" Document Revisions	10/08/12										

CONSTRUCTION SET 01/20/2010

three inches = one foot
one and one half inch = one foot
three quarters inch = one foot
one half inch = one foot
one quarter inch = one foot
one eighth inch = one foot

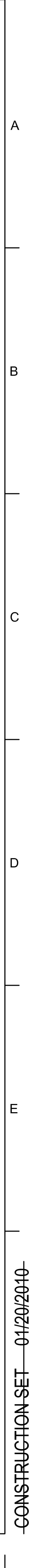
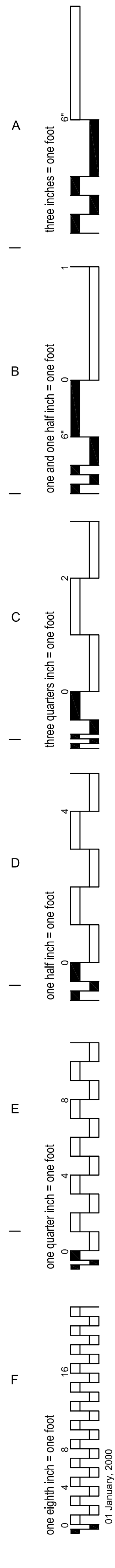


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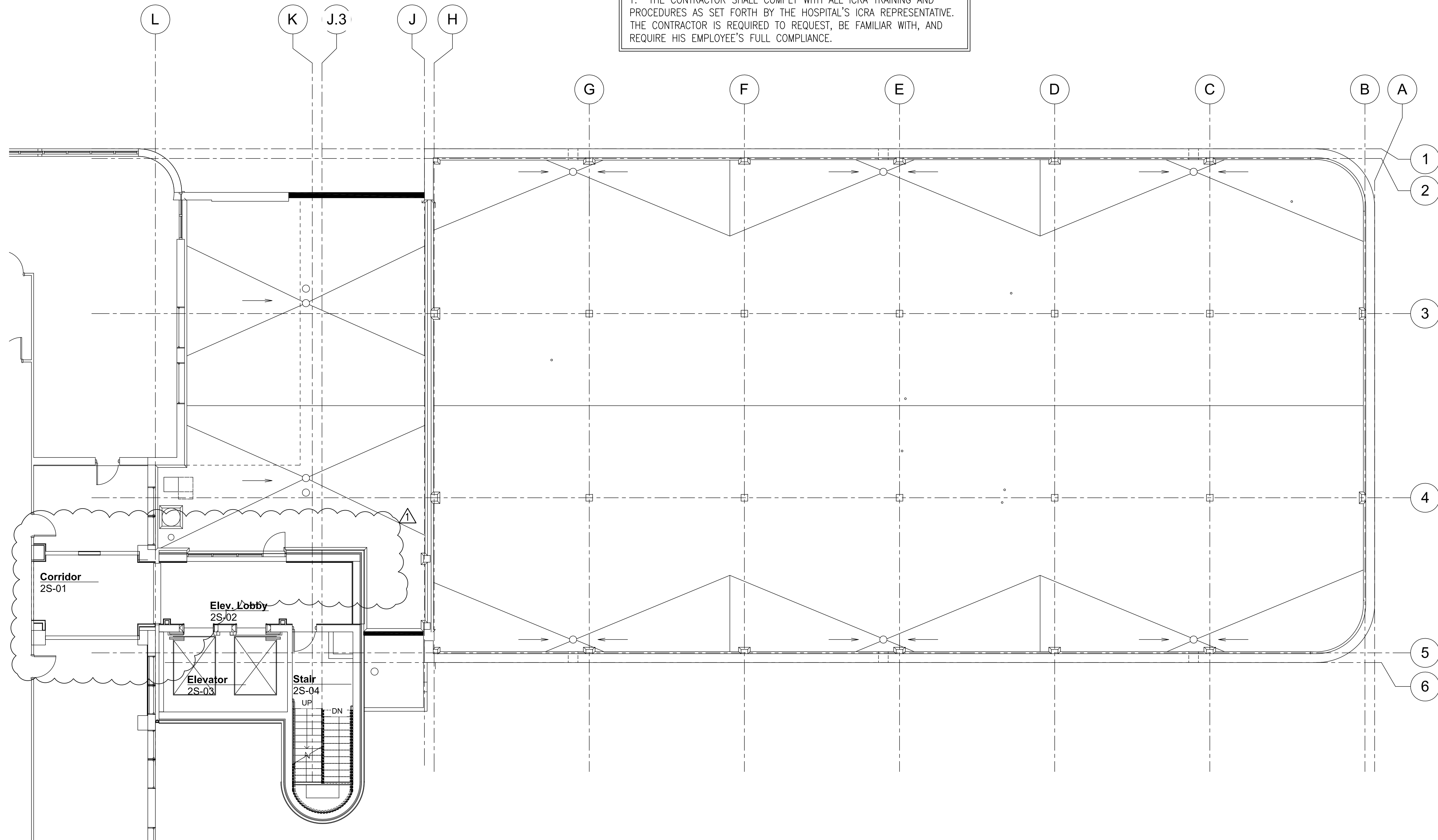
1 Mechanical Piping First Floor Plan
1/8" = 1'-0"

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	As-Built* Document Revisions	06/27/12					Mechanical Piping First Floor Plan		Outpatient Mental Health Improvements Overton Brooks Veterans Administration Medical Center		667-081		
							Approved: Project Director		Location Shreveport, Louisiana		Building Number Bldg. 1, South Wing		
							Date 01/20/2010		Checked JPRP		Drawing Number M202		
							Drawn EAS		Dwg. 76 of 123				



INFECTION CONTROL RISK ASSESSMENT (ICRA) REQUIREMENTS:

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1 Mechanical Piping Second Floor/Roof Plan
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1		10/08/12				Approved: Project Director		Location Shreveport, Louisiana		Building Number Bldg. 1, South Wing		
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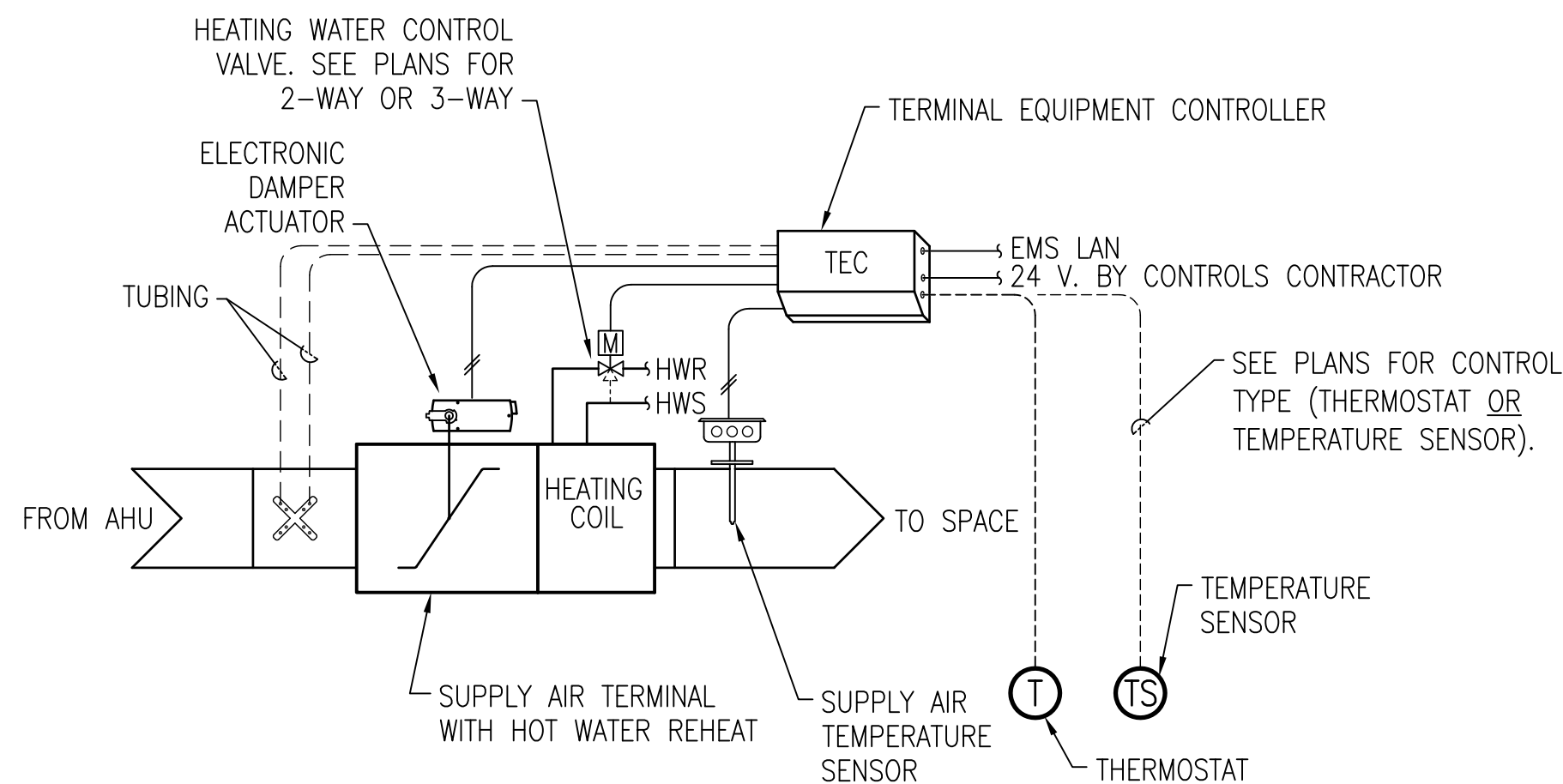
THE TERMINAL EQUIPMENT CONTROLLER SHALL BE A UNITARY CONTROLLER AND SHALL HAVE THE CAPABILITY OF STAND-ALONE OPERATION. THE CONTROLLER SHALL BE INTEGRATED INTO THE BUILDING AUTOMATION SYSTEM TO MONITOR OPERATION OF THE EQUIPMENT INCLUDING SPACE TEMPERATURE AND SUPPLY AIR TEMPERATURE. EQUIPMENT SETPOINTS SHALL BE BASED ON OCCUPANCY SCHEDULE OF THE BUILDING'S USAGE AND OWNER'S REQUIREMENTS. SEE PLANS FOR TEMPERATURE CONTROL TYPE, THERMOSTAT OR TEMPERATURE SENSOR. ON A CALL FOR COOLING, THE TERMINAL DAMPER SHALL BE MODULATED BETWEEN THE MINIMUM AND THE MAXIMUM AIR FLOW RATES SCHEDULED (ADJUSTABLE) AND THE AIR HANDLING UNIT CHILLED WATER CONTROL VALVE SHALL BE MODULATED AS REQUIRED TO MAINTAIN THE SPACE TEMPERATURE AT SETPOINT. ON A CALL FOR HEATING, THE TERMINAL DAMPER SHALL MODULATE AS REQUIRED TO MAINTAIN THE HEATING AIRFLOW SCHEDULED (ADJUSTABLE) AND THE HEATING WATER CONTROL VALVE SHALL BE MODULATED TO MAINTAIN THE SPACE TEMPERATURE TO SETPOINT.

THERMOSTAT:

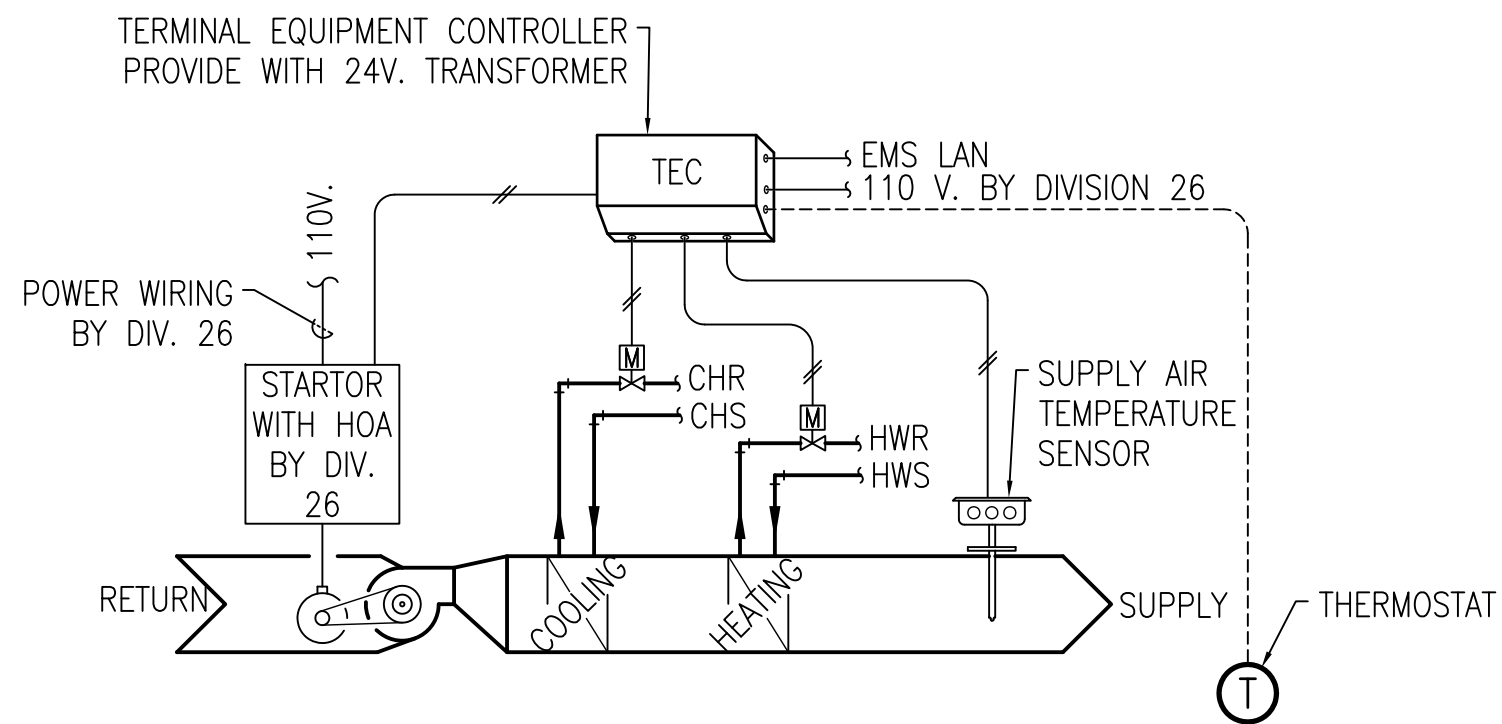
DURING OCCUPIED PERIODS, THE SPACE TEMPERATURE SETPOINT SHALL BE ADJUSTABLE BY THE OCCUPANT AT THE THERMOSTAT BETWEEN A MINIMUM OF 68 DEG. F. (ADJUSTABLE) AND A MAXIMUM OF 78 DEG. F. (ADJUSTABLE). ON A CALL FOR COOLING, THE TERMINAL DAMPER SHALL BE MODULATED BETWEEN THE COOLING MINIMUM AND THE COOLING MAXIMUM AIR FLOW RATES SCHEDULED. DURING UNOCCUPIED PERIODS, THE SETPOINTS SHALL BE 62 DEG. F. (ADJUSTABLE) AND 80 DEG. F. (ADJUSTABLE) BASED ON THE GLOBAL OUTSIDE AIR TEMPERATURE.

TEMPERATURE SENSOR:

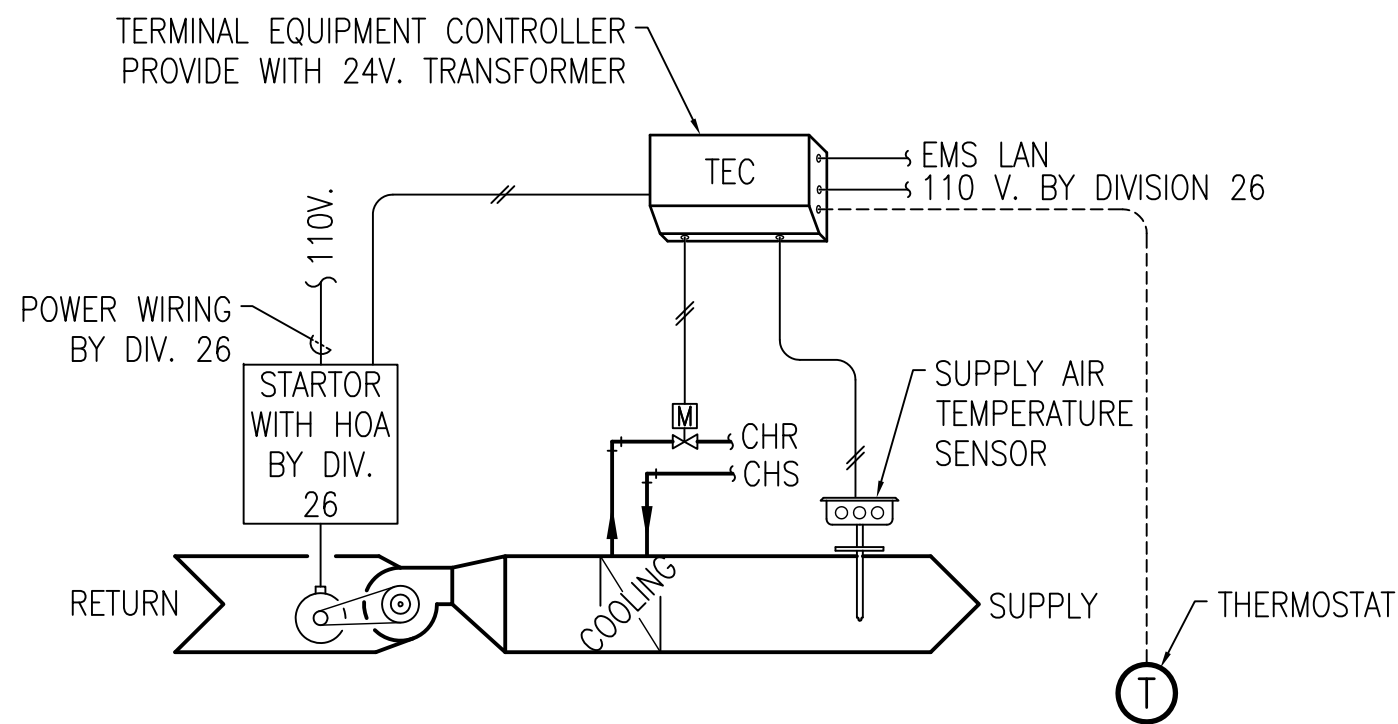
SIMILAR TO THERMOSTAT OPERATION, BUT THE TEMPERATURE SETPOINTS SHALL BE DETERMINED BY THE OWNER AND NOT THE OCCUPANTS.



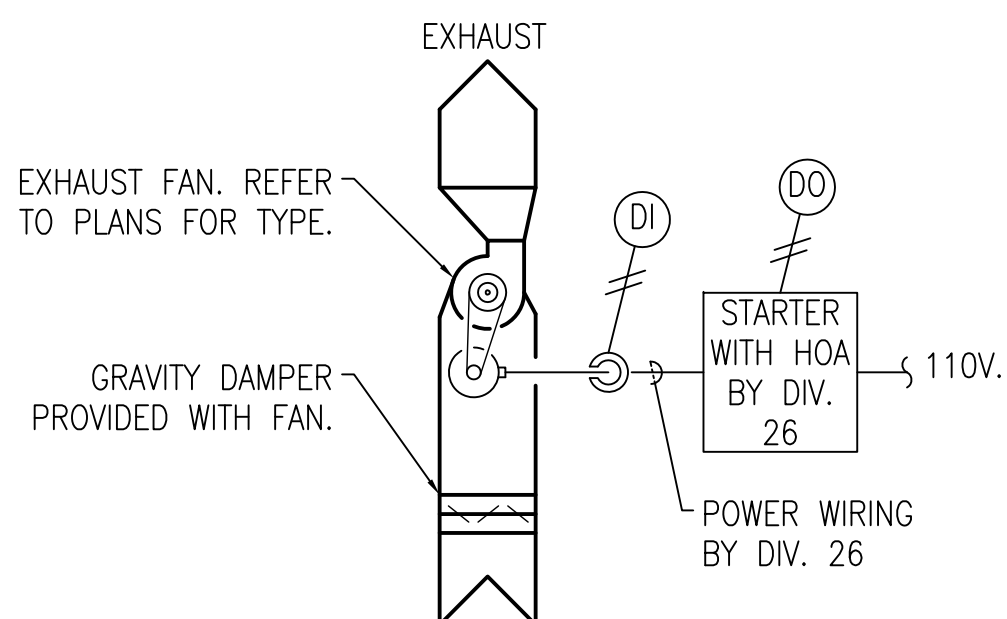
THE TERMINAL EQUIPMENT CONTROLLER SHALL HAVE THE CAPABILITY OF STAND-ALONE OPERATION AND SHALL SEQUENCE THE FAN SPEED (OFF, LOW, MEDIUM, AND HIGH) AND MODULATE THE CHILLED WATER AND HEATING WATER VALVES TO MAINTAIN THE SPACE TEMPERATURE. THE CONTROLLER SHALL BE INTEGRATED INTO THE BUILDING AUTOMATION SYSTEM TO MONITOR OPERATION OF THE EQUIPMENT INCLUDING SPACE TEMPERATURE AND SUPPLY AIR TEMPERATURE.





















THE TERMINAL EQUIPMENT CONTROLLER SHALL HAVE THE CAPABILITY OF STAND-ALONE OPERATION AND SHALL SEQUENCE THE FAN SPEED (OFF, LOW, MEDIUM, AND HIGH) AND MODULATE THE CHILLED WATER VALVE TO MAINTAIN THE SPACE TEMPERATURE. THE CONTROLLER SHALL BE INTEGRATED INTO THE BUILDING AUTOMATION SYSTEM TO MONITOR OPERATION OF THE EQUIPMENT INCLUDING SPACE TEMPERATURE AND SUPPLY AIR TEMPERATURE.



EXHAUST FAN SHALL BE STARTED AND STOPPED BY HOA SWITCH AT THE FAN MOTOR STARTER. WHEN THE SWITCH IS IN THE AUTO POSITION THE FAN SHALL BE STARTED AND STOPPED BY THE DDC PANEL THROUGH THE DIGITAL OUTPUT BASED UPON WEEKLY SCHEDULE OR OPERATOR COMMAND.



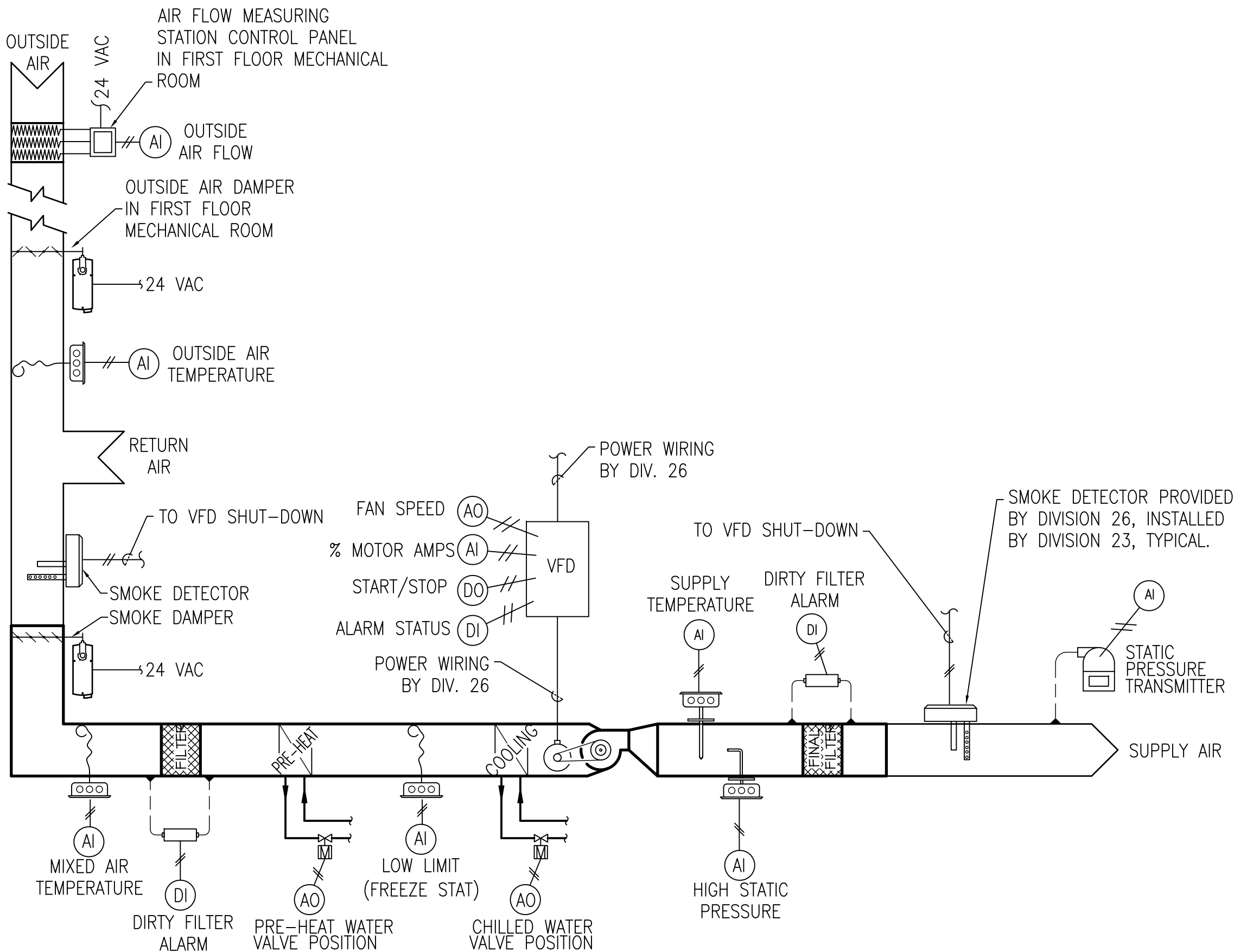
	ANALOG INPUT		TERMINAL EQUIPMENT CONTROLLER
	ANALOG OUTPUT		TEMPERATURE SENSOR
	DIGITAL INPUT		FLOW SWITCH
	DIGITAL OUTPUT		2-WAY CONTROL VALVE
	THERMOSTAT		3-WAY CONTROL VALVE
	TEMPERATURE SENSOR		DAMPER ACTUATOR
	TEMPERATURE SENSOR		SMOKE DETECTOR
	AVERAGING TEMPERATURE SENSOR		DIFFERENTIAL PRESSURE TRANSMITTER
	HUMIDITY SENSOR		PRESSURE SWITCH / SENSOR

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		Building Number Bldg. 1, South Wing							
			Drawing Number M401 Dwg. 80 of 123	100% Submittal					
		Location Shreveport, Louisiana							
Date	01/20/2010				Checked JPRP	Drawn EAS			

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1 AIR HANDLING UNIT CONTROL DIAGRAM (AHU-1)
SCALE NTS

WORKSTATION GRAPHICS:

LIVE GRAPHICS SHALL INCLUDE THE FOLLOWING POINTS PER PIECE OF EQUIPMENT.

GLOBAL SENSOR STATUS:

OUTSIDE AIR TEMPERATURE.
AIR HANDLING UNITS:
SUPPLY AIR SET POINT.
OUTSIDE, SUPPLY, AND MIXED AIR TEMPERATURES.
OUTSIDE AIR DAMPER POSITIONS.
OUTSIDE AIR FLOW.
FAN STATUS AND FAN SPEED.
PRE-HEAT AND COOLING VALVE POSITIONS.

VAV TERMINAL UNITS:

AIR FLOW.
SUPPLY AIR TEMPERATURE.
SPACE SETPOINT.

FAN COIL UNITS:

SUPPLY AIR TEMPERATURE.
SPACE SETPOINT.
HEATING AND/OR COOLING VALVE POSITION(S).
HEATING AND CHILLED WATER SYSTEMS:
SUPPLY TEMPERATURE SETPOINTS.
CHILLER STATUS.
WATER SUPPLY AND RETURN TEMPERATURE.
PUMP STATUS AND PUMP SPEED (TYP. OF 4).

AIR HANDLING UNIT (AHU-1) SEQUENCE OF OPERATION:

GENERAL:

THE SYSTEM CONSIST OF A VARIABLE VOLUME AIR HANDLER WITH A VARIABLE FREQUENCY DRIVE (VFD PROVIDED BY THE CONTROLS CONTRACTOR) CONTROLLING THE SUPPLY FAN. THIS SYSTEM SERVES VARIABLE AIR VOLUME BOXES (VAV) WITH HEATING WATER COILS.

SUPPLY FAN:

THE SUPPLY FAN VFD SHALL BE STARTED AND STOPPED THROUGH A RELAY VIA THE DIRECT DIGITAL CONTROLLER (DDC). THE VFD SHALL STOP UPON ACTIVATION OF THE FREEZE STAT (SET AT 38 DEGREES), SMOKE DETECTOR(S), OR HIGH STATIC PRESSURE SENSOR. UPON ACTIVATION TO START, THE SUPPLY FAN VFD SPEED WILL BE CONTROLLED BASED ON A STATIC PRESSURE SENSOR LOCATED IN THE SUPPLY DUCT SHOWN ON THE MECHANICAL DRAWINGS. THE VFD SPEED WILL BE MODULATED TO MAINTAIN THE DESIRED SETPOINT (ADJUSTABLE) THROUGH THE DDC.

STATIC PRESSURE OPTIMIZATION:

THE DDC SHALL MONITOR THE DAMPER POSITION OF ALL ASSOCIATED VAV TERMINAL UNITS AND DETERMINE THE AHU'S CRITICAL ZONE VAV TERMINAL (CZ), WHICH IS THE VAV TERMINAL UNIT THAT IS THE WIDEST OPEN.

WHEN THE CZ IS MORE THAN 95% OPEN, THE SUPPLY FAN DISCHARGE STATIC PRESSURE SETPOINT SHALL BE RESET DOWNWARD BY 10% OF THE PREVIOUS SETPOINT AT A FREQUENCY OF 10 MINUTES UNTIL THE CZ IS MORE THAN 97% OPEN OR THE STATIC PRESSURE SETPOINT HAS RESET DOWNWARD TO THE SYSTEM MINIMUM SETTING OR THE FREQUENCY INVERTER IS AT ITS MINIMUM SETTING.

WHEN THE CZ IS LESS THAN 95% OPEN AND THE SUPPLY DISCHARGE STATIC PRESSURE SETPOINT IS AT THE MINIMUM SETTING, THE DISCHARGE AIR TEMPERATURE SETPOINT SHALL BE RESET UPWARD IN INCREMENTS OF 0.5° F AT A FREQUENCY OF 10 MINUTES AND THE STATIC PRESSURE SETPOINT HELD CONSTANT UNTIL THE CZ IS MORE THAN 97% OPEN OR THE DISCHARGE AIR TEMPERATURE IS RESET TO ITS MAXIMUM SETTING OF 10° F ABOVE DESIGN SETTING.

THE REVERSE CONTROL SEQUENCING SHALL OCCUR WHEN THE CZ IS ABOVE 98% OPEN UNTIL THE DISCHARGE AIR TEMPERATURE SETPOINT AND THE STATIC PRESSURE SETPOINT ARE AT THEIR DESIGN.

THE CONTROL BANDS, SETPOINT INCREMENT VALUES, SETPOINT DECREMENT VALUES AND ADJUSTMENT FREQUENCIES SHALL BE ADJUSTED TO MAINTAIN MAXIMUM STATIC PRESSURE OPTIMIZATION WITH STABLE SYSTEM CONTROL AND MAXIMUM COMFORT CONTROL.

CHILLED WATER CONTROL VALVE:

THE NORMALLY CLOSED CHILLED WATER VALVE SHALL BE MODULATED AS REQUIRED TO MAINTAIN A MAXIMUM DISCHARGE AIR TEMPERATURE OF 55 DEGREES (ADJUSTABLE) AND A MINIMUM OF 52 DEGREES (ADJUSTABLE). THE SUPPLY

AIR TEMPERATURE SHALL BE RESET BY THE EMS (ENERGY MANAGEMENT SYSTEM) TO MAINTAIN ALL OF THE ROOMS AT A MAXIMUM RELATIVE HUMIDITY OF 55%, AS DETERMINED BY THE HUMIDITY SENSORS LOCATED AT EACH FLOOR. THE TEMPERATURE SETPOINT SHALL BE RESET DOWNWARD IN INCREMENTS OF 1 DEGREE AT A FREQUENCY OF 5 MINUTES. THE SUPPLY AIR TEMPERATURE SHALL BE 55 DEGREES (ADJUSTABLE) WHEN ALL OF THE ROOMS ARE IN THE UNOCCUPIED MODE.

HEATING (PRE-HEAT) WATER CONTROL VALVE:

THE NORMALLY CLOSED HEATING WATER VALVE SHALL BE MODULATED AS REQUIRED TO MAINTAIN A MINIMUM SUPPLY AIR DISCHARGE AIR TEMPERATURE OF 50 DEGREES (ADJUSTABLE). THE SUPPLY AIR TEMPERATURE SETPOINT SHALL BE RESET BY THE EMS AS REQUIRED.

OUTSIDE AIR DAMPER:

THE OUTSIDE AIR DAMPER SHALL MODULATE OPEN WHEN THE EMS SCHEDULE CALLS FOR OCCUPIED MODE (OR WHEN UNOCCUPIED MODE IS OVER-RIDDEN BY USER) TO MAINTAIN THE SCHEDULED AIRFLOW AS REQUIRED BY THE AIRFLOW MEASURING STATION. THE AIRFLOW MEASURING STATION SHALL BE MONITORED BY THE EMS. THE OUTSIDE AIR DAMPER SHALL CLOSE WHEN THE EMS SCHEDULE CALLS FOR UNOCCUPIED MODE.

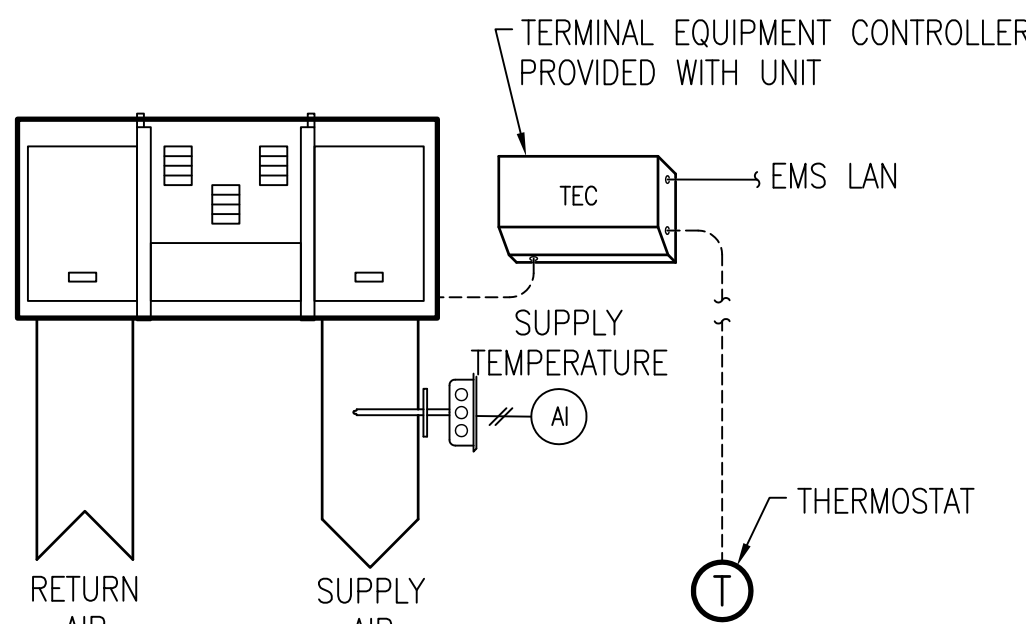
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HVAC SEQUENCE OF OPERATION:

NEW ROOF TOP UNIT RTU-1:

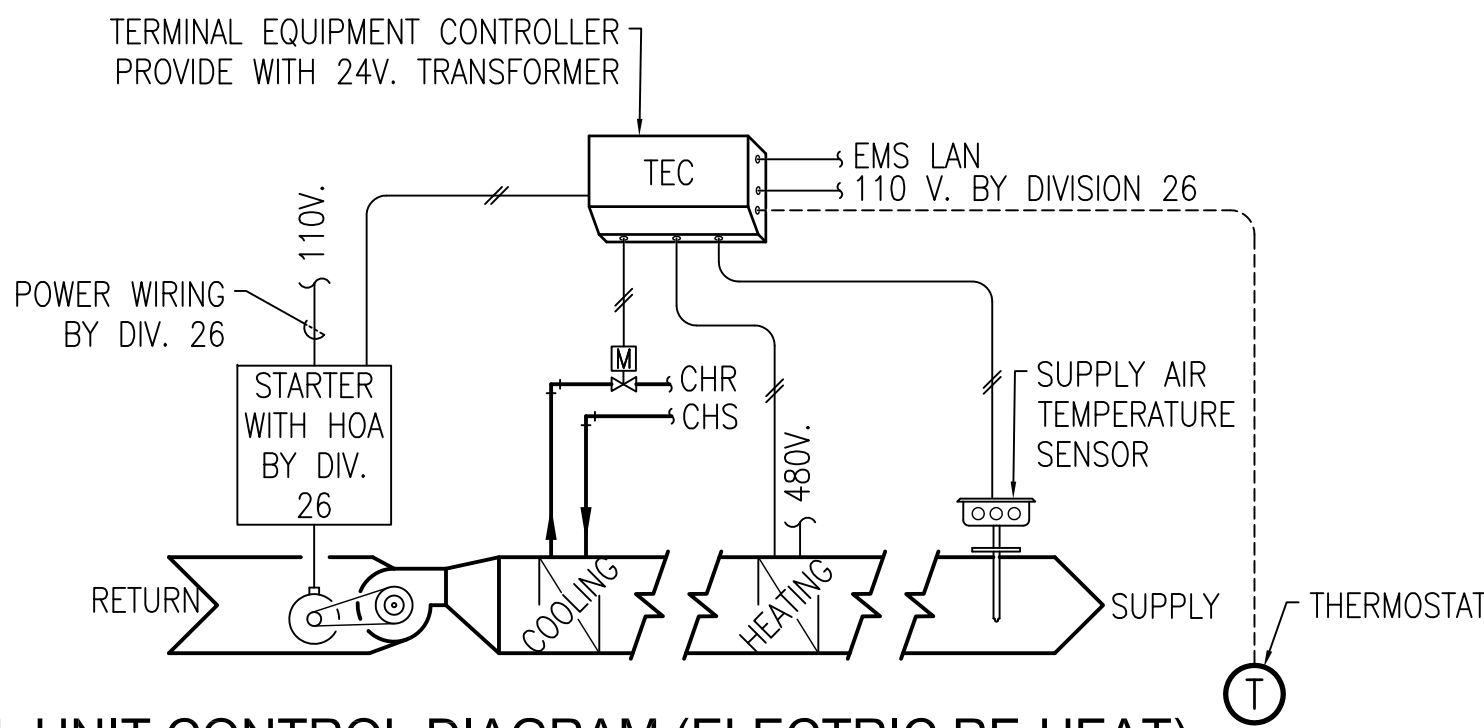
THE UNIT SHALL BE PROVIDED WITH FACTORY MOUNTED TERMINAL EQUIPMENT CONTROLLERS (TEC) TO INCLUDE ALL CAPABILITY AND OPERATION WITHIN THE CONTROL DIAGRAM, SEQUENCE OF OPERATION, AND SPECIFICATIONS. THE UNIT SHALL OPERATE IN THE BACK-UP MODE IN COOLING AS DEFINED BY THE EMS (ENERGY MANAGEMENT SYSTEM). THE UNIT SHALL PROVIDE THE PRIMARY HEATING AS DEFINED BY THE EMS. TEMPERATURE CONTROL SHALL BE AVAILABLE THROUGH THE THERMOSTAT. THE FAN SHALL CYCLE WITH THE COMPRESSOR AND THE COMPRESSOR / ELECTRIC HEATING COIL SHALL BE CYCLED TO MAINTAIN THE SPACE AT THE TEMPERATURE. THE BACK-UP TEMPERATURE SETPOINT IS TO BE 80 DEGREES (ADJUSTABLE) DURING THE COOLING MODE AND 60 DEGREES (ADJUSTABLE) DURING THE HEATING MODE.



2 NEW ROOF TOP UNIT (RTU-1) CONTROL DIAGRAM
SCALE NTS

FAN COIL UNIT SEQUENCE OF OPERATION:

THE TERMINAL EQUIPMENT CONTROLLER SHALL HAVE THE CAPABILITY OF STAND-ALONE OPERATION AND SHALL SEQUENCE THE FAN SPEED (OFF, LOW, MEDIUM, AND HIGH) AND MODULATE THE CHILLED WATER VALVE AND ELECTRIC RE-HEAT COIL TO MAINTAIN THE SPACE TEMPERATURE. THE CONTROLLER SHALL BE INTEGRATED INTO THE BUILDING AUTOMATION SYSTEM TO MONITOR OPERATION OF THE EQUIPMENT INCLUDING SPACE TEMPERATURE AND SUPPLY AIR TEMPERATURE.



3 FAN COIL UNIT CONTROL DIAGRAM (ELECTRIC RE-HEAT)
SCALE NTS

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								Building Number Bldg. 1, South Wing				
								Location Shreveport, Louisiana			Drawing Number M402 Dwg. 81 of 123	
								Date 01/20/2010	Checked JPRP	Drawn EAS		

CHILLED WATER SYSTEM SEQUENCE OF OPERATION:

GENERAL:

THE CHILLED WATER SYSTEM CONSISTS OF A SINGLE AIR COOLED CHILLER (TWO ADDITIONAL FUTURE AIR-COOLED CHILLERS ARE PLANNED) AND TWO VARIABLE SPEED PUMPS, EACH SIZED FOR 100% OF THE LOAD.

CHILLED WATER PUMPS:

BUILDING CHILLED WATER PUMPS ARE TO BE SEQUENCED AND CONTROLLED AS REQUIRED TO MAINTAIN THE REMOTE CHILLED WATER DIFFERENTIAL PRESSURE AT SETPOINT (ADJUSTABLE) TO BE DETERMINED BY TAB (TEST AND BALANCE) CONTRACTOR DURING BALANCING PROCEDURES. CHILLED WATER PUMPS SHALL BE SEQUENCED IN A STANDBY ARRANGEMENT. THE LEAD PUMP SHALL BE ALTERNATED ON A REGULAR BASIS TO EQUALIZE WEAR. IN THE EVENT THAT ONE PUMP FAILS, THE OTHER SHALL START AND MODULATE TO MAINTAIN THE PRESSURE SETPOINT. DURING CHANGE-OVER PERIODS FROM AIR-COOLED TO WATER-COOLED CHILLER OPERATIONS, THE CHILLED WATER PUMPS SHALL BE STOPPED. THE PUMPS SHALL RE-START UPON VERIFICATION OF PROPER CHILLER BYPASS VALVE OPERATION. IN THE EVENT OF IMPROPER CHILLER BYPASS VALVE OPERATION, AN ALARM SHALL BE GENERATED AT THE EMS WORKSTATION AND THE CHILLED WATER PUMPS SHALL REMAIN STOPPED.

CHILLER:

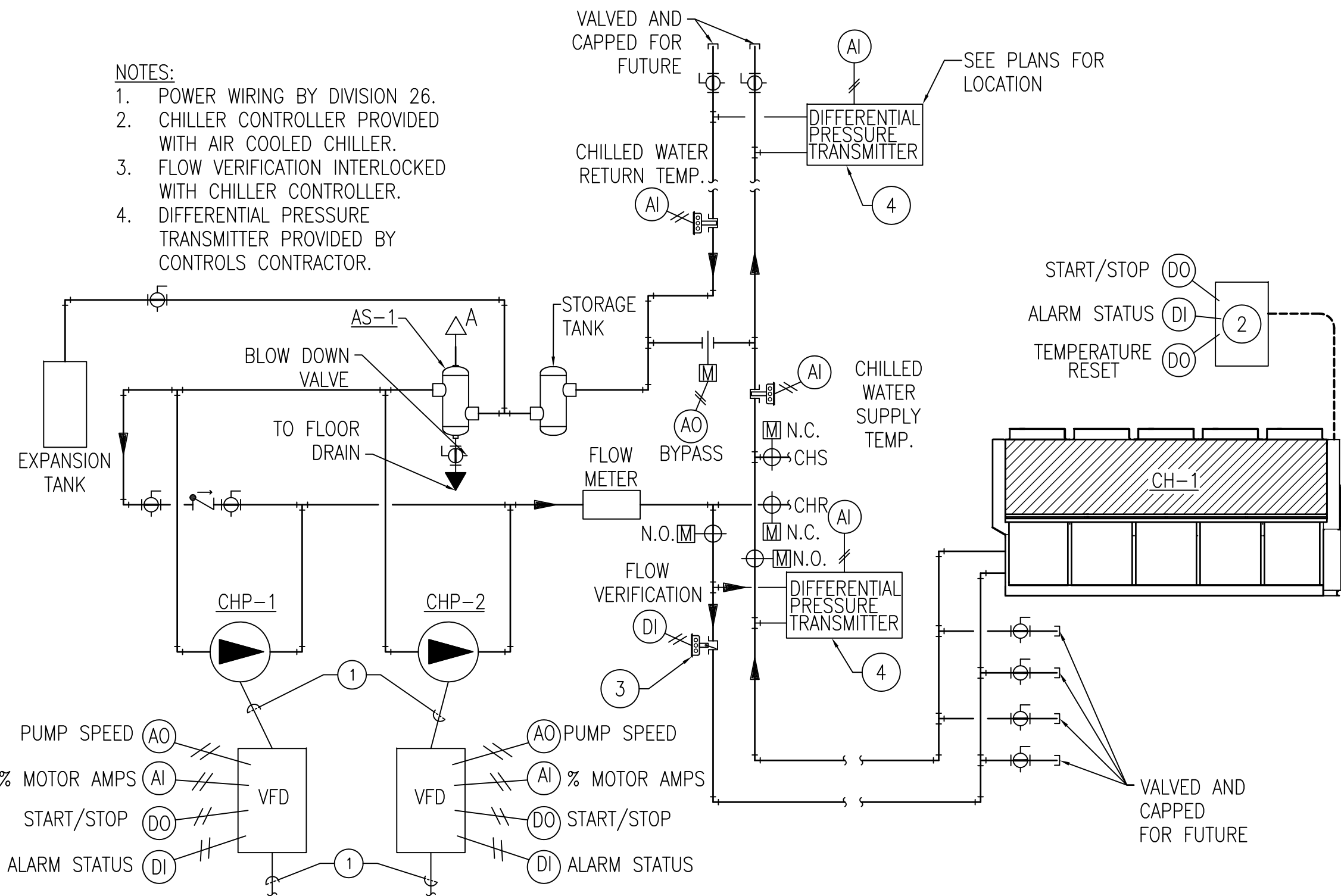
THE AIR COOLED CHILLER SHALL BE PROVIDED WITH CONTROLLER CAPABLE OF STAND-ALONE OPERATION WITH FULL INTEGRATION WITH THE EMS (ENERGY MANAGEMENT SYSTEM). THE CHILLER SHALL BE MODULATED BY THE EMS TO MAINTAIN A LEAVING WATER TEMPERATURE EQUAL TO THE LEAVING AIR TEMPERATURE OF AHU-1 MINUS 10 DEGREES (ADJUSTABLE). (I.E. IF LEAVING AIR TEMPERATURE OF AHU-1 IS 55 DEGREES, THEN THE LEAVING WATER TEMPERATURE SHALL BE 45 DEGREES.) THE MINIMUM LEAVING WATER TEMPERATURE SHALL BE 41 DEGREES AND THE MAXIMUM SHALL BE 55 DEGREES.

CHILLER BYPASS:

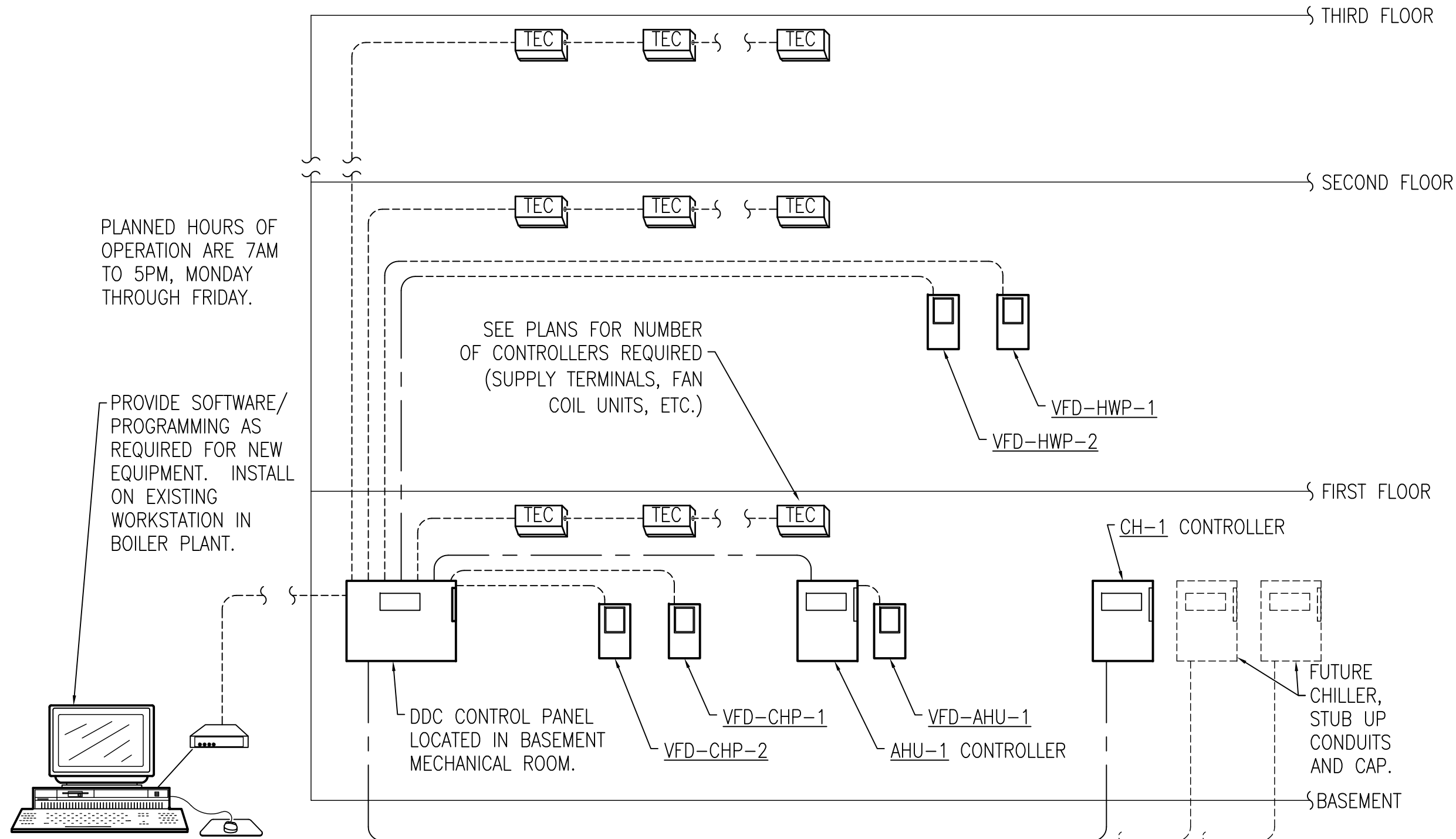
THE AIR-COOLED CHILLER MAY BE BYPASSED IN FAVOR OF UTILIZING THE EXISTING WATER-COOLED CHILLERS CURRENTLY HANDLING THE EXISTING HOSPITAL LOAD IN PERIODS OF LOW UTILIZATION. THE EMS SYSTEM SHALL SHUT DOWN THE AIR-COOLED CHILLER, OPEN THE BYPASS VALVES LABELED "N.O.", AND SHALL CLOSE THE BYPASS VALVES LABELED "N.C." BASED ON OPERATOR COMMAND ENTERED AT EMS WORKSTATION. UPON OPERATOR COMMAND TO RETURN TO SERVICE UTILIZING AIR-COOLED CHILLER FOR COOLING, THE VALVES LABELED "N.O." SHALL OPEN, THE VALVES LABELED "N.C." SHALL CLOSE, AND THE AIR-COOLED CHILLER SHALL RE-START UPON PROOF OF FLOW TO MEET SETPOINTS.

BYPASS VALVE:

THE BYPASS VALVE SHALL BE MODULATED BY THE EMS TO MAINTAIN THE MINIMUM WATER FLOW THROUGH THE CHILLER AS DETERMINED BY THE MANUFACTURER. THE CHILLED WATER FLOW RATE SHALL BE DETERMINED BY THE DIFFERENTIAL PRESSURE ACROSS THE CHILLER. WHILE IN THE CHILLER BYPASS MODE, THE CEHILLED WATER BYPASS VALVE SHALL BE CLOSED.



1 CHILLED WATER SYSTEM CONTROL DIAGRAM
SCALE NTS

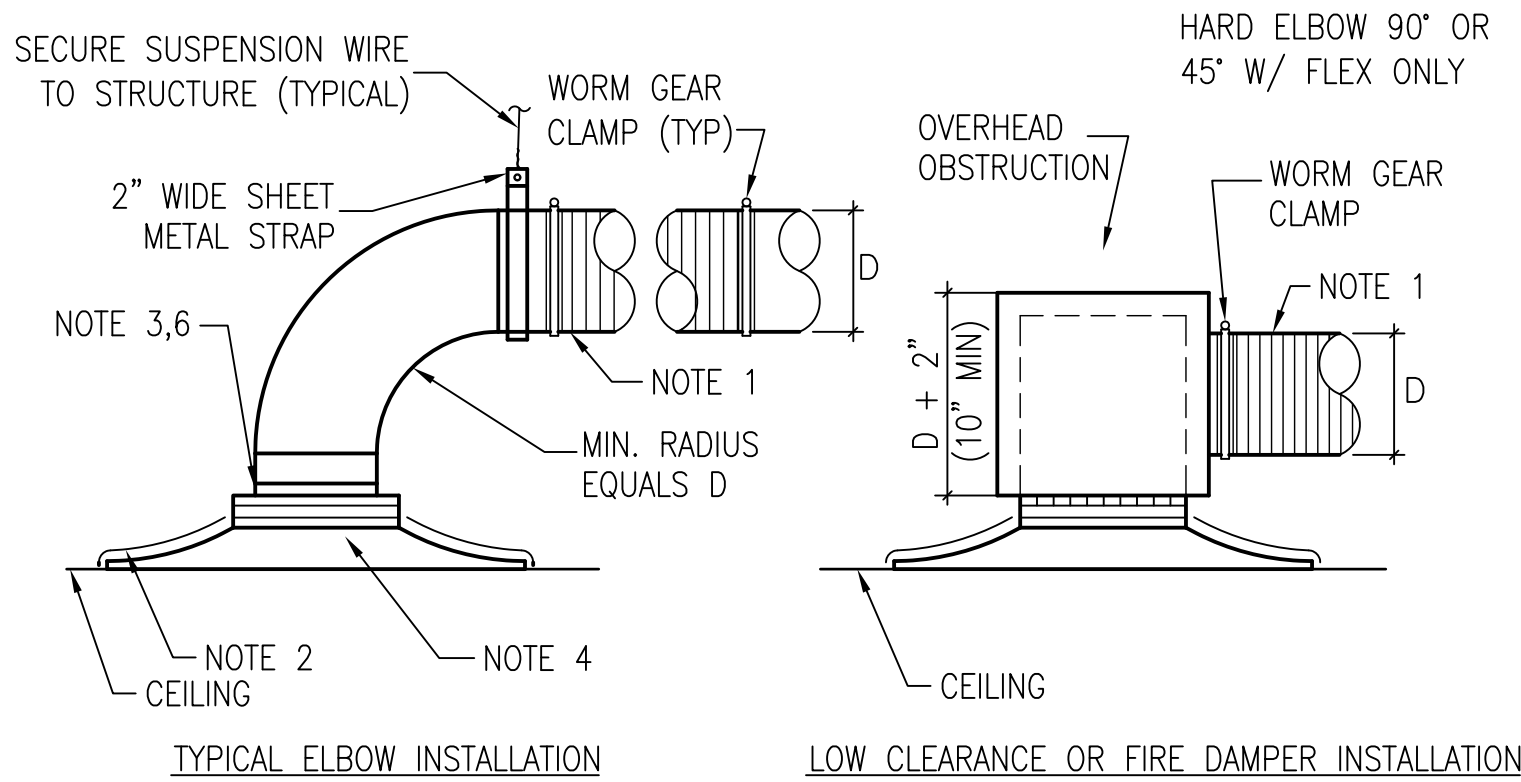


2 CONTROL RISER DIAGRAM
SCALE NTS

INFECTION CONTROL RISK ASSESSMENT (ICRA) REQUIREMENTS:

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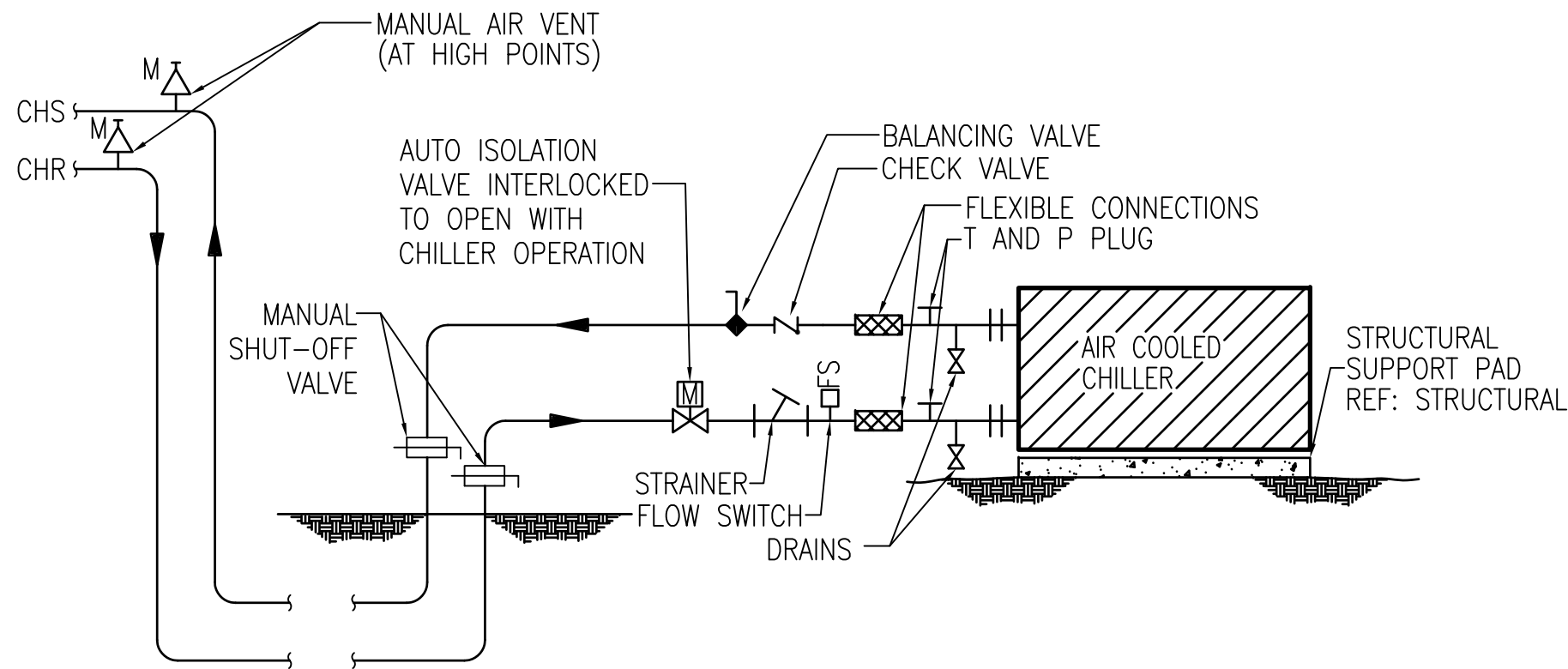
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						Approved: Project Director		Location Shreveport, Louisiana		Drawing Number M403		
						Date 01/20/2010		Checked JPRP	Drawn EAS	Dwg. 82 of 123		



- NOTES:
- 1) FACTORY INSULATED FLEXIBLE DUCT. MAXIMUM FLEX DUCT LENGTH IS 4 FEET.
 - 2) FACTORY INSULATE TOP OF AIR DEVICE. SEAL EDGES WITH VAPOR BARRIER TAPE.
 - 3) ELIMINATE SQUARE TO ROUND ADAPTER IF DEVICE HAS ROUND NECK. TRANSITION AS REQUIRED.
 - 4) SEE AIR DEVICE SCHEDULES FOR AIR DEVICES REQUIRED TO HAVE OPPOSED BLADE DAMPERS.
 - 5) EXTERNALLY INSULATE ALL ROUND DUCTS. SEE NOTES AND SPECIFICATIONS.
 - 6) INSTALL EQUALIZING GRID OR PERFORATED PANEL AT CONNECTION TO DIFFUSER.
 - 7) ALL DUCTWORK CONNECTIONS TO AIR DEVICES SHALL BE HARD DUCTED 90° OR 45°.

1 CEILING SUPPLY AIR DEVICES

SCALE NTS

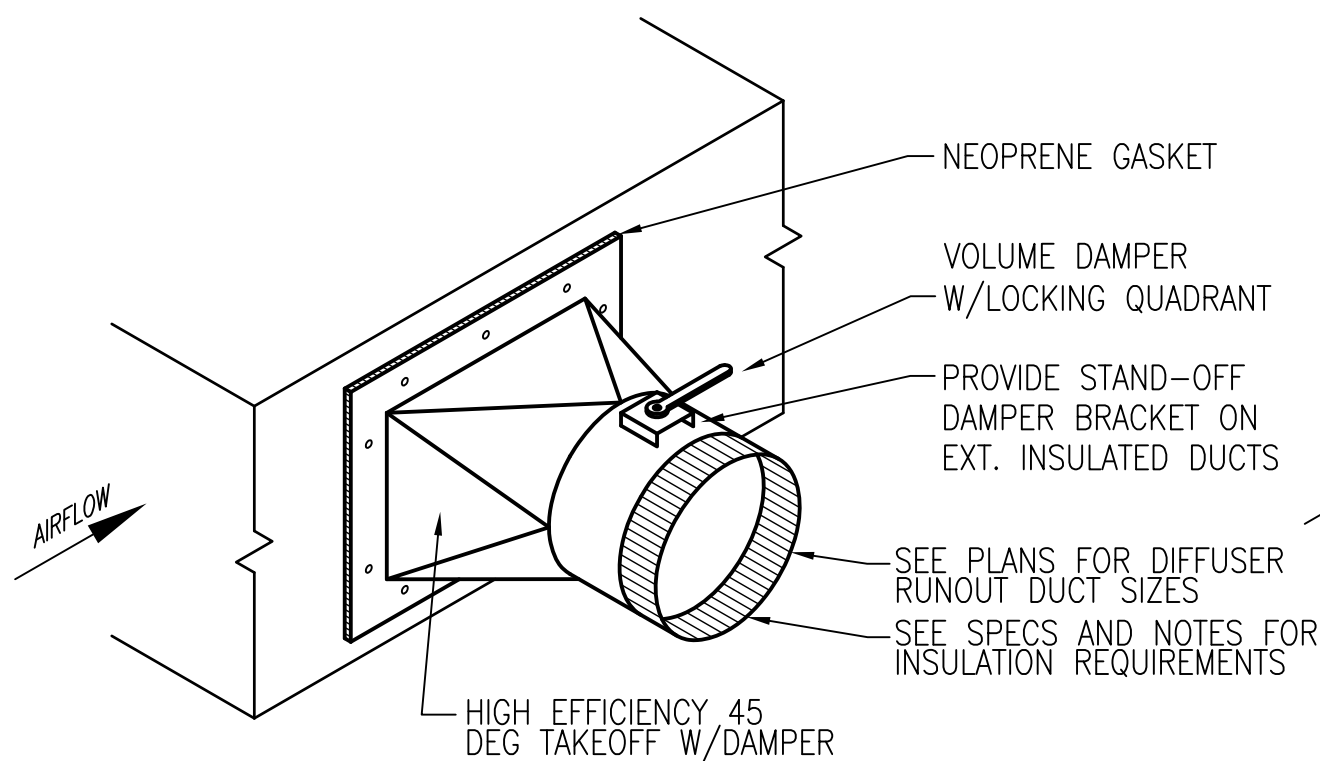


4 AIR COOLED CHILLER DETAIL

SCALE NTS

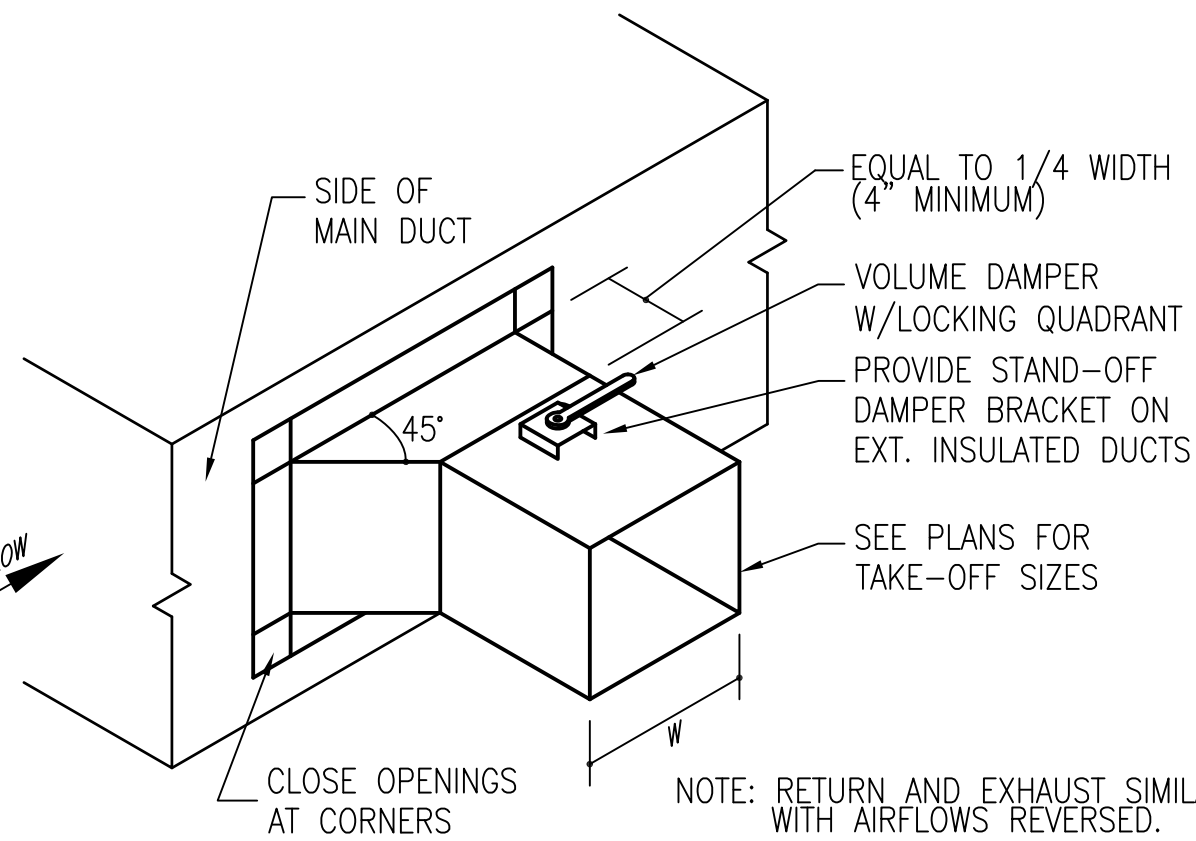
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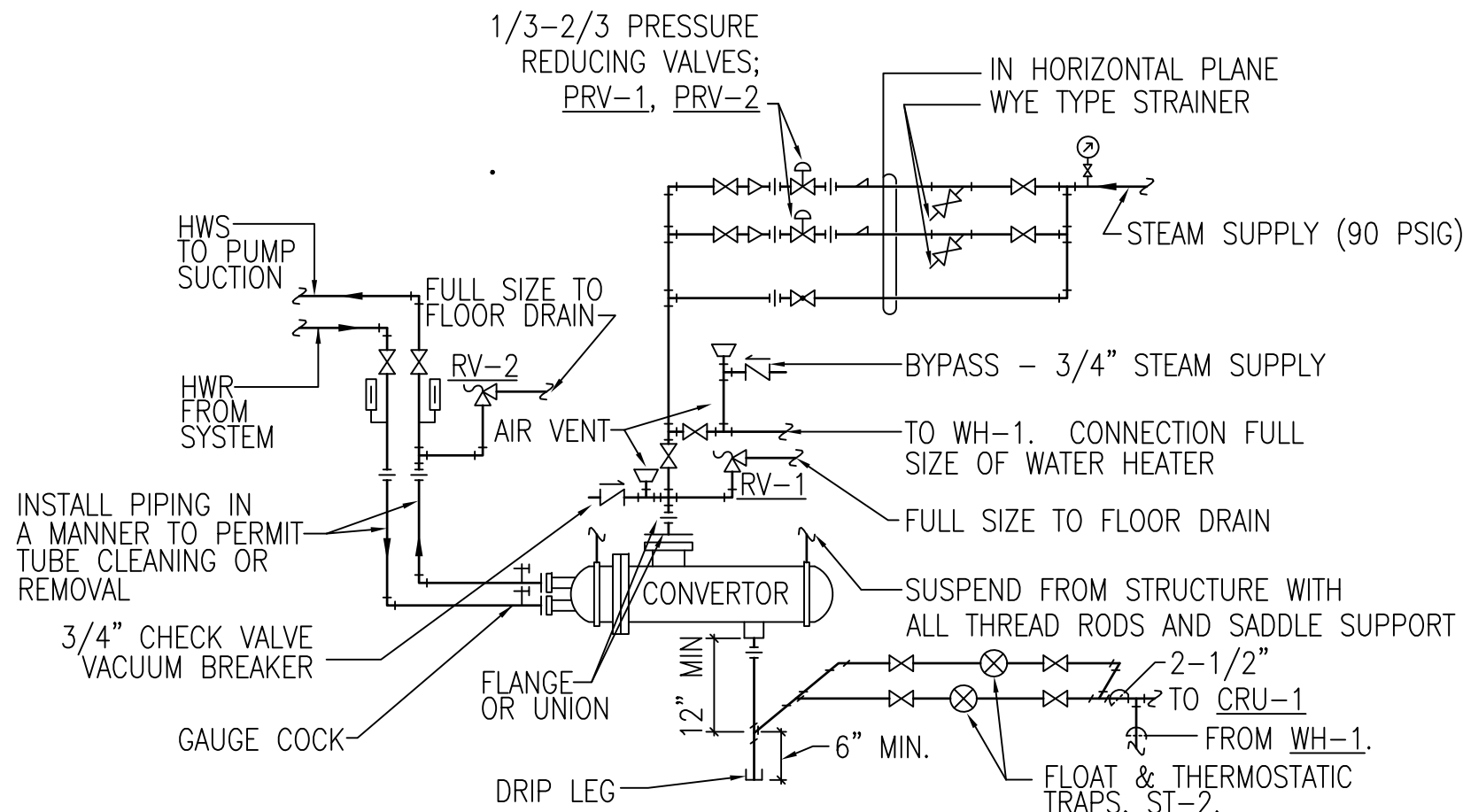
2 DIFFUSER TAKE-OFF FITTING DETAIL

SCALE NTS



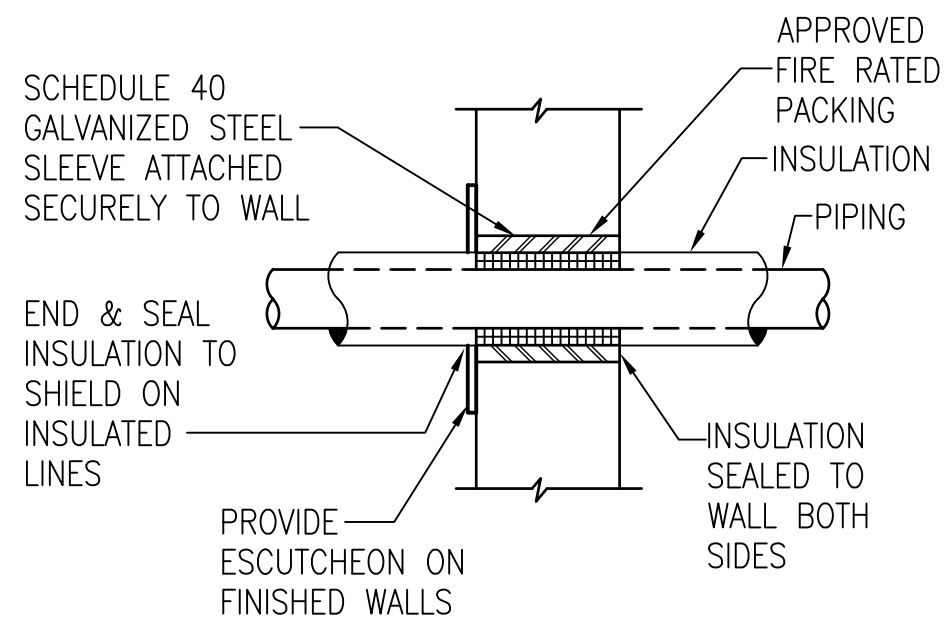
3 BRANCH DUCT WITH DAMPER DETAIL

SCALE NTS



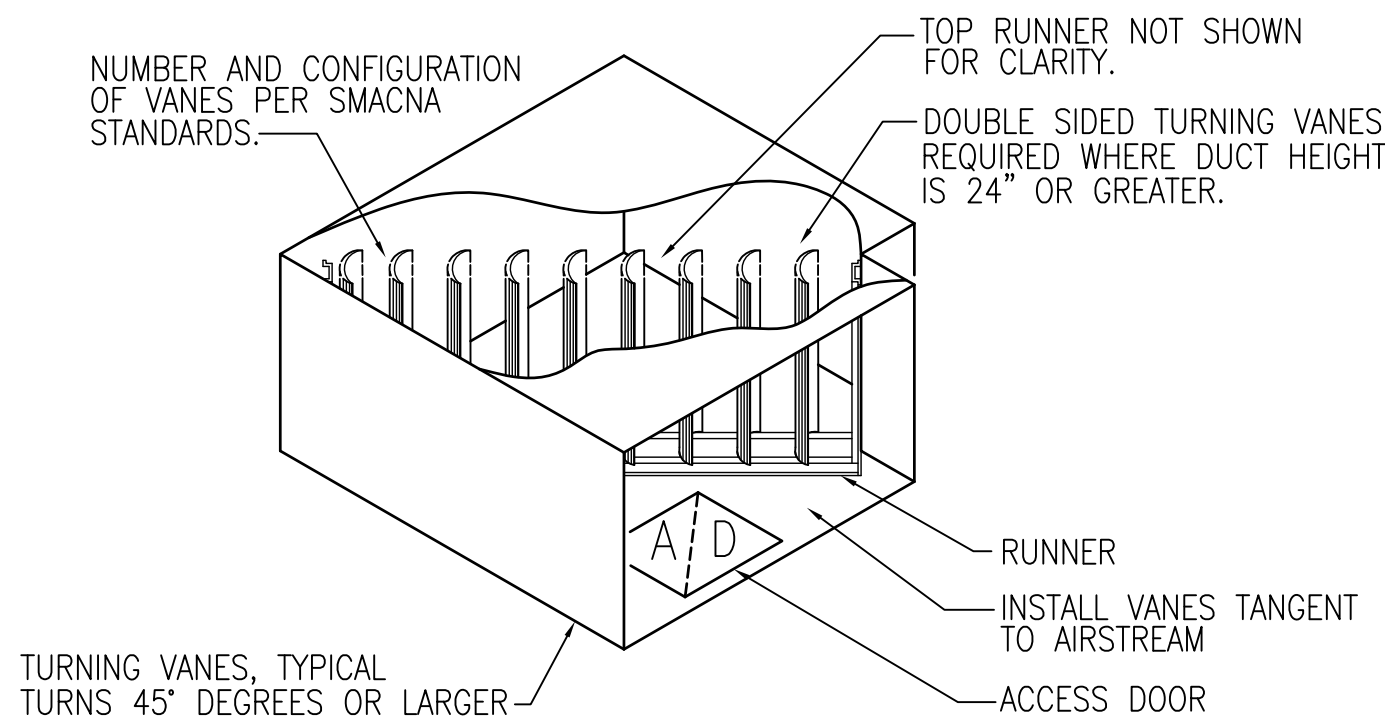
5 STEAM CONVERTOR PIPING SCHEMATIC

SCALE NTS



6 PIPE THRU-RATED WALL DETAIL

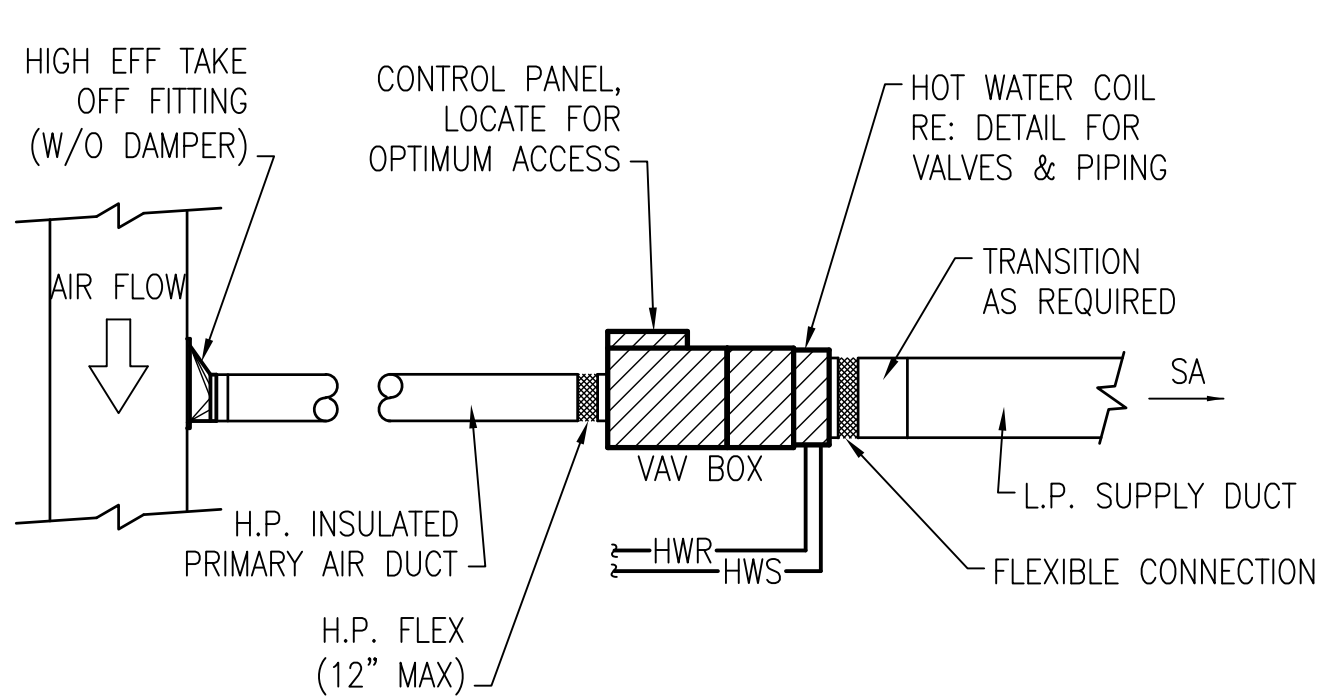
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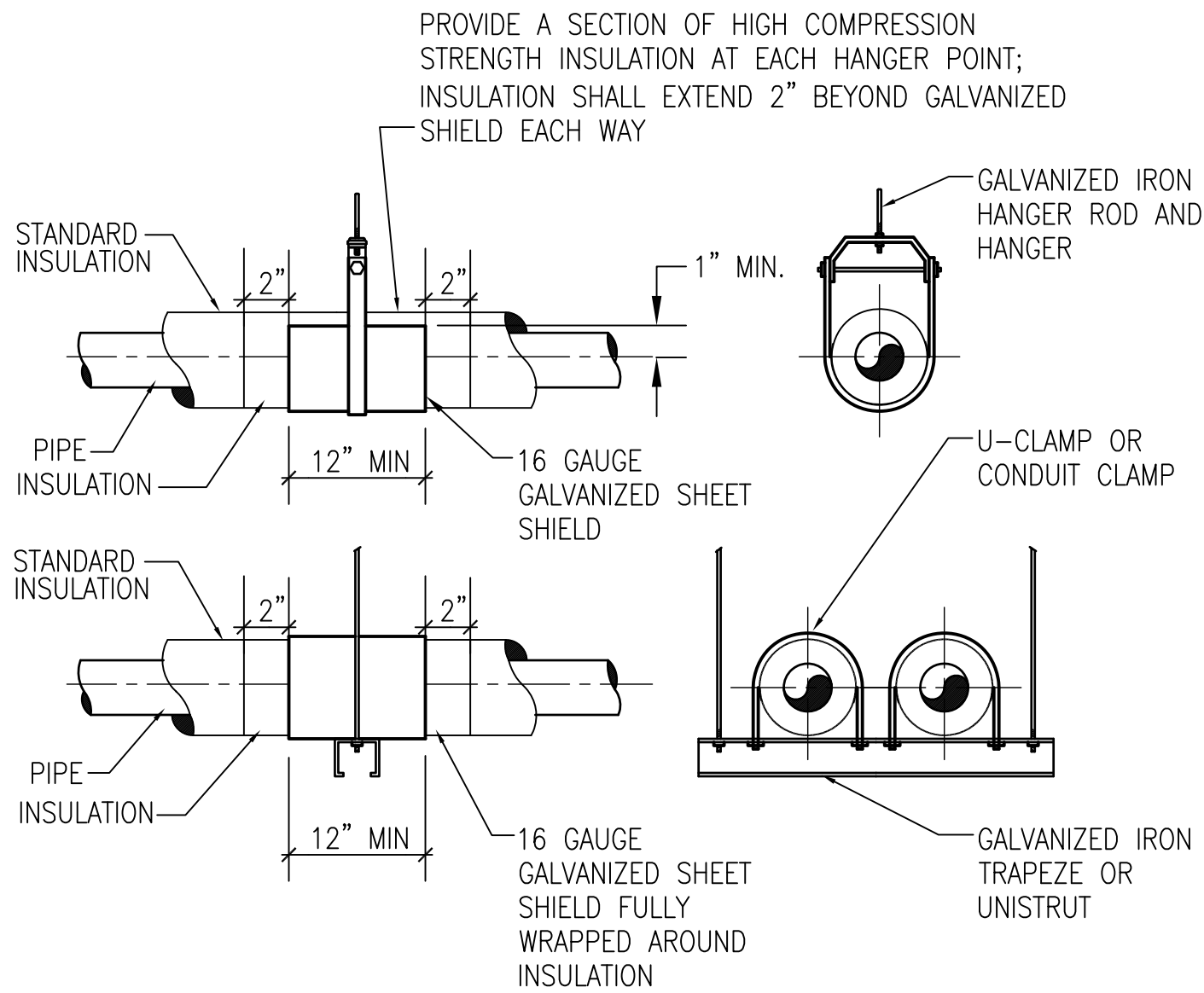
7 TURNING VANES

SCALE NTS

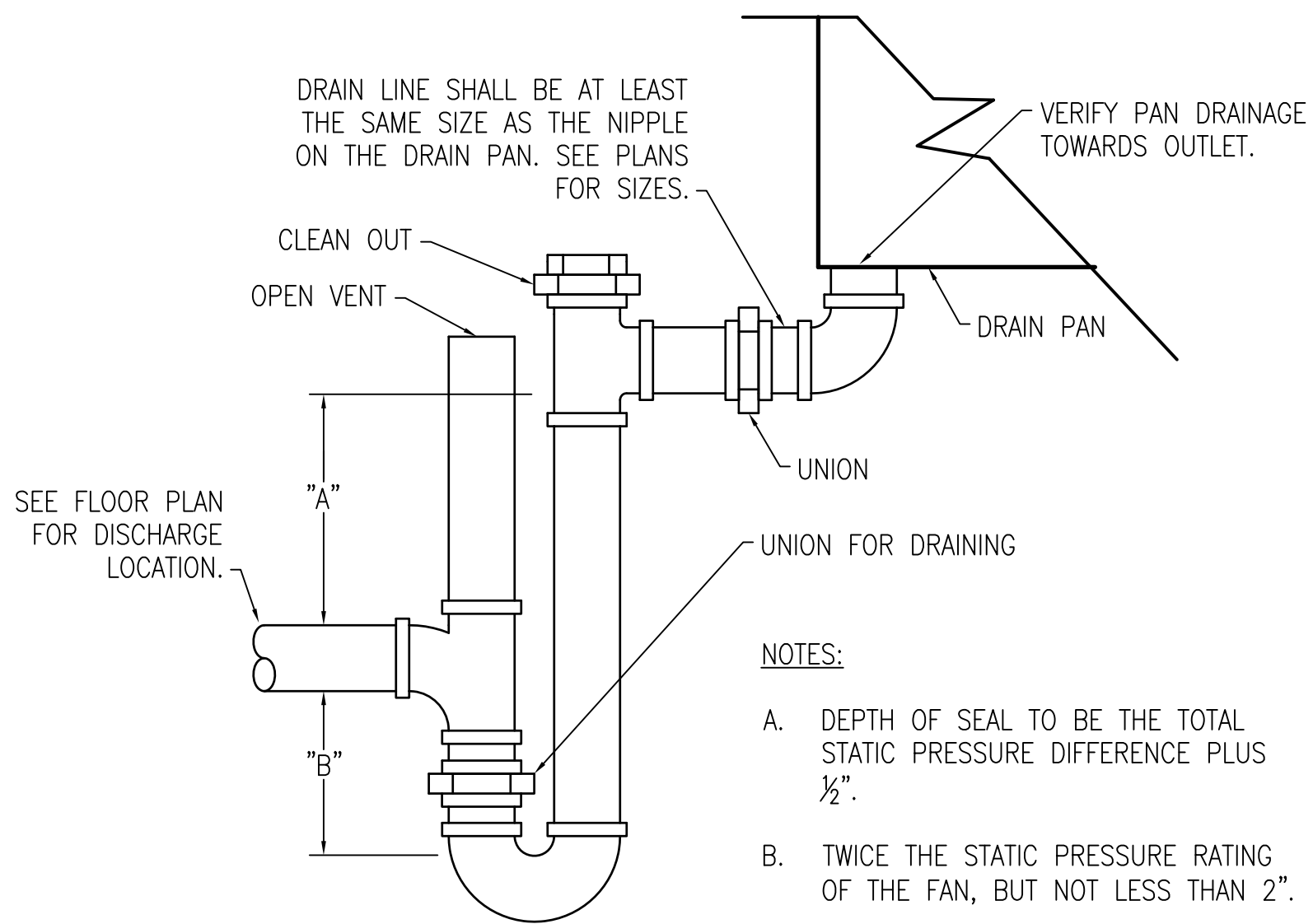
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							Approved: Project Director		Location Shreveport, Louisiana		Building Number Bldg. 1, South Wing		
							Date 01/20/2010	Checked JPRP	Drawn EAS	Drawing Number M501			
										Dwg. 83 of 123			



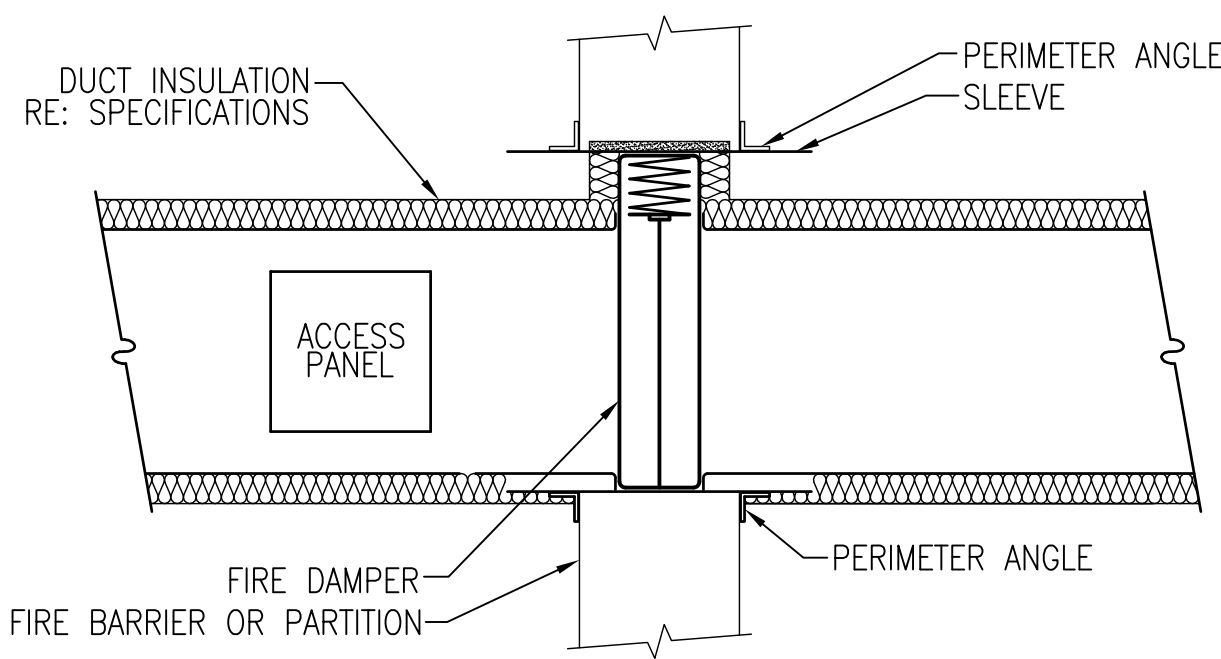
1 VAV BOX WITH HOT WATER REHEAT
SCALE NTS



2 PIPE HANGERS FOR INSULATED PIPE
SCALE NTS

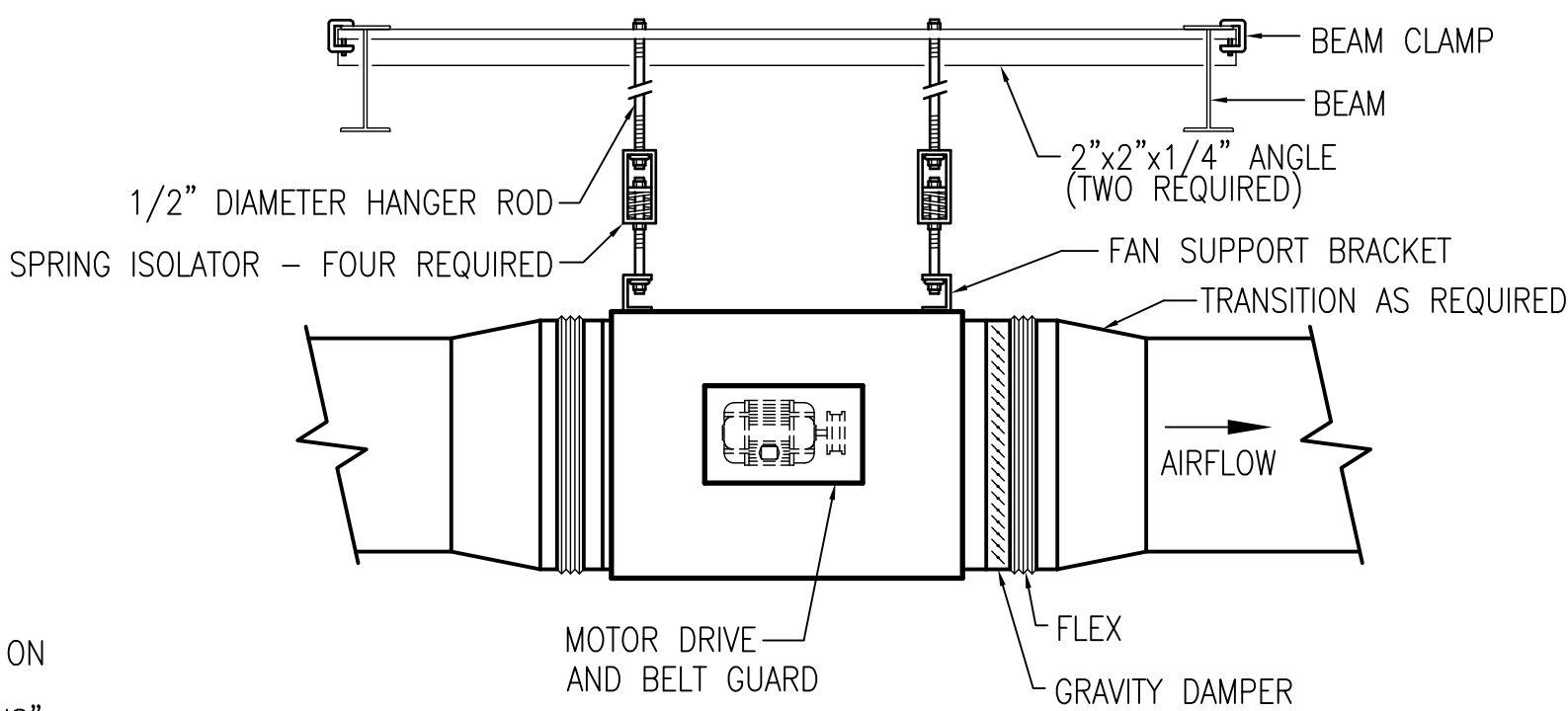


3 DRAW-THRU CONDENSATE DRAIN DETAIL
SCALE : NTS

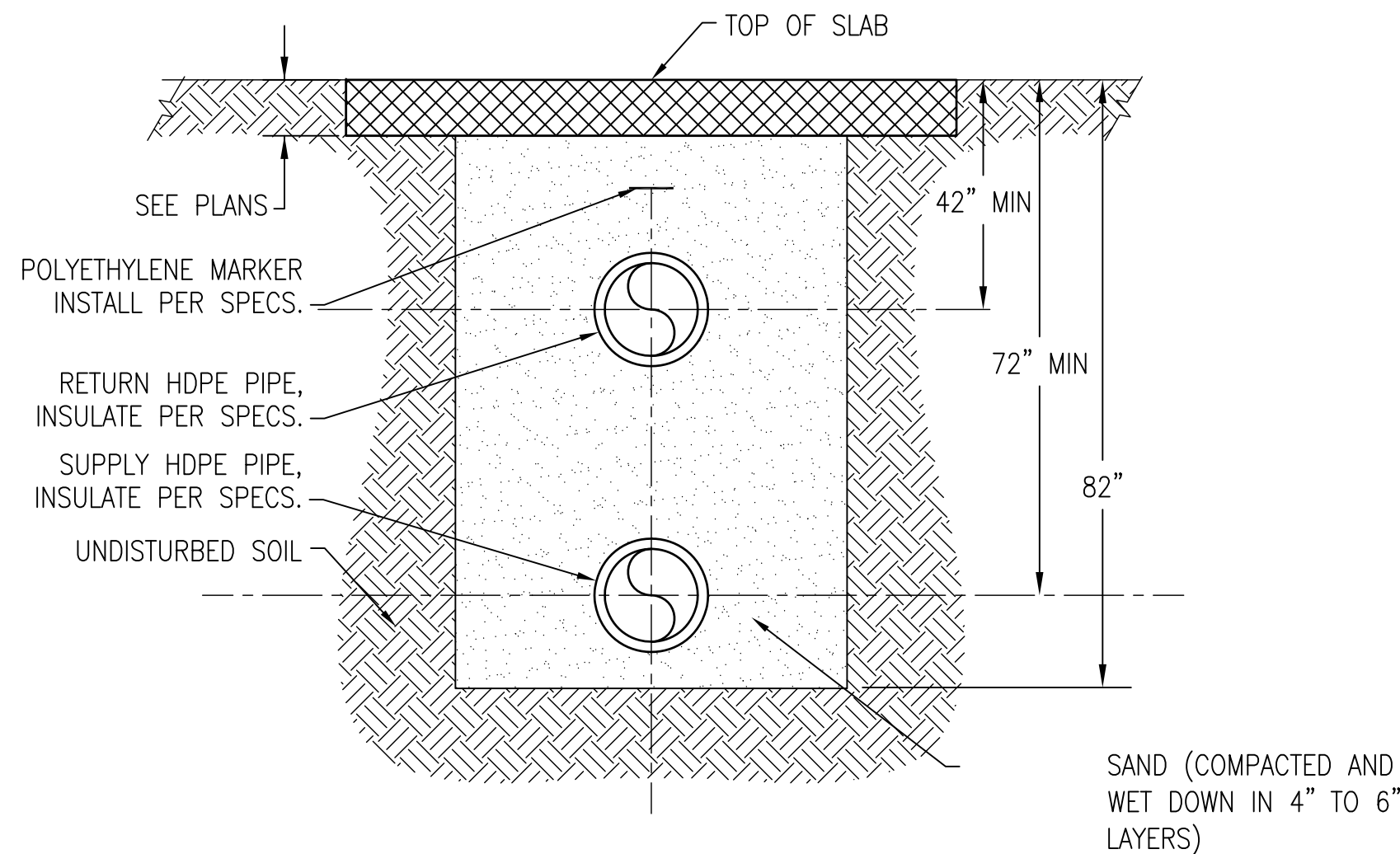


- NOTES:
- 1.COMPLY W/ SMACNA "FIRE, SMOKE AND RADIATION DAMPER INSTALLATION GUIDE FOR HVAC "SYSTEMS" AND NFPA 90A "INSTALLATION OF AIR CONDITIONING AND VENTILATING SYSTEMS".
 2. FIRE DAMPER SLEEVE TO EXTEND 6" MINIMUM ON EACH SIDE.
 - 3.GALVANIZED STEEL PERIMETER ANGLE NOT LESS THAN 1-1/2x1-1/2x14 GAGE WITH 1" MINIMUM OVERLAP ON ON ALL SIDES AND SHALL NOT BE FASTENED TO THE PARTITION OR BARRIER.
 - 4.BREAKAWAY DUCT CONNECTION, REFER TO SMACNA FIGURE 2-2 "UL ACCEPTED DUCT-SLEEVE CONNECTIONS" OF FIRE, SMOKE AND RADIATION DAMPER INSTALLATION GUIDE. UL TESTED DUCT SEALANT MAY BE USED. BREAKAWAY DUCT CONNECTION MAY BE OMITTED IF SLEEVE IS 16 GA. MINIMUM.

4 FIRE DAMPER DETAIL
SCALE NTS



5 INLINE EXHAUST FAN DETAIL
SCALE NTS



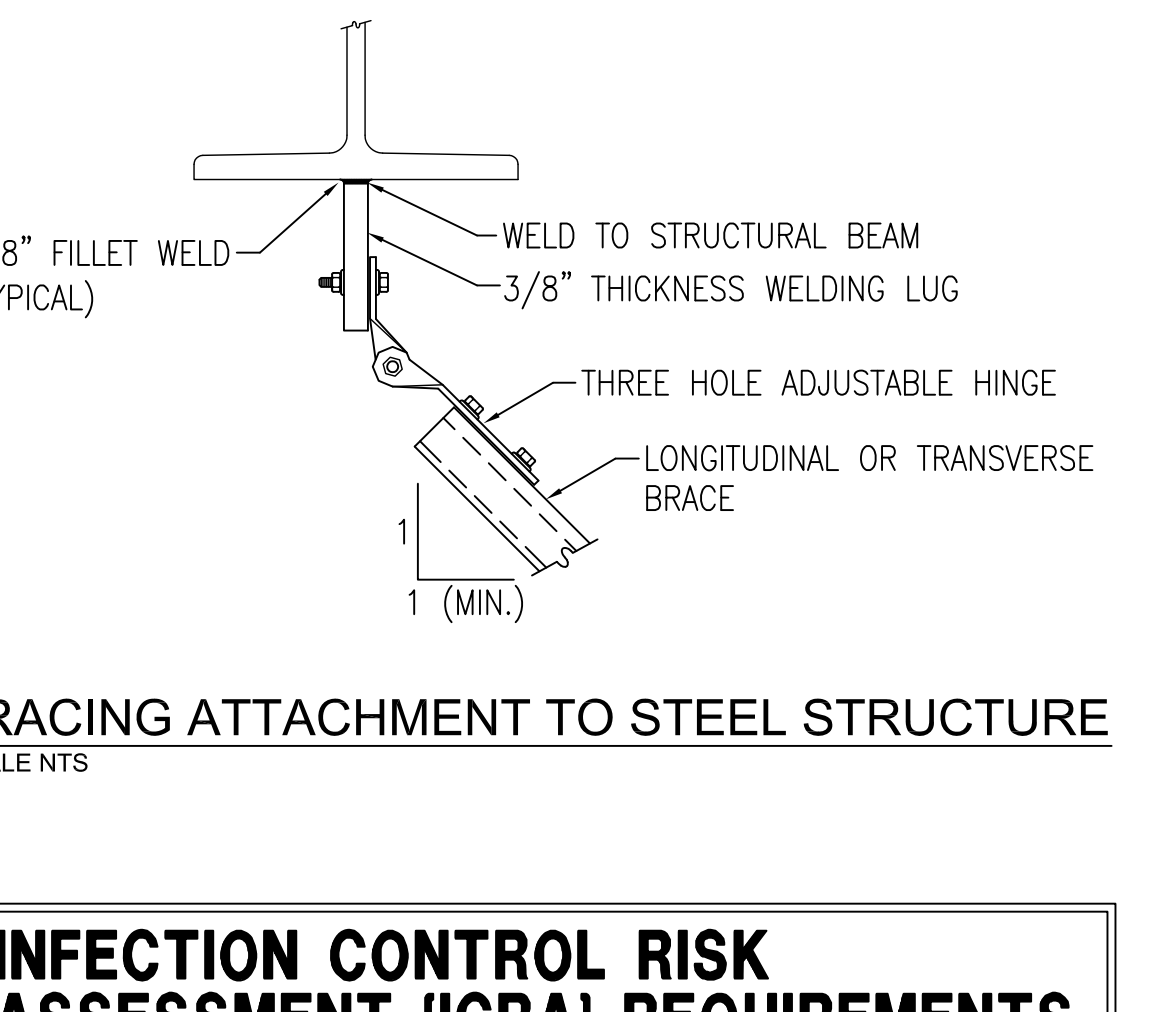
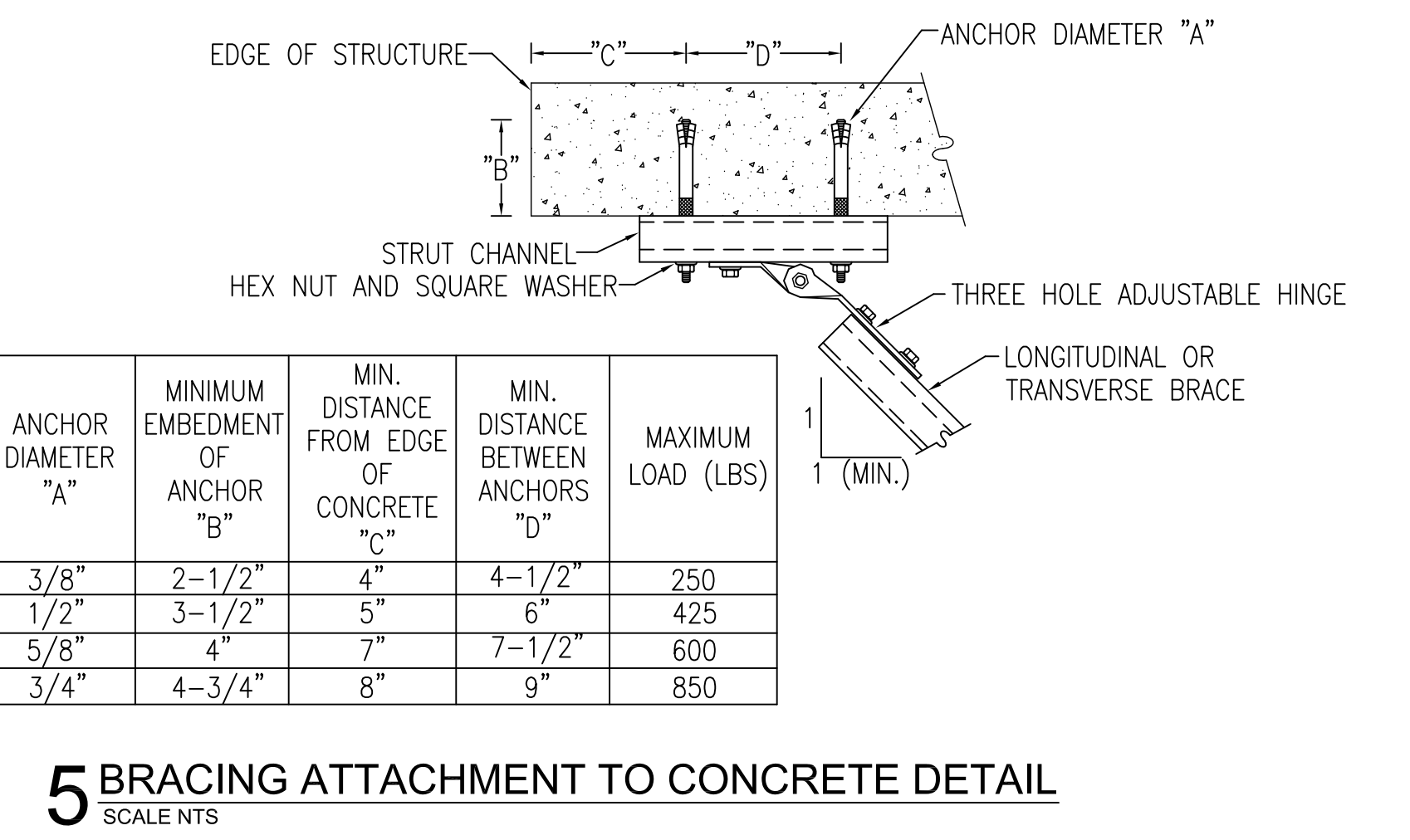
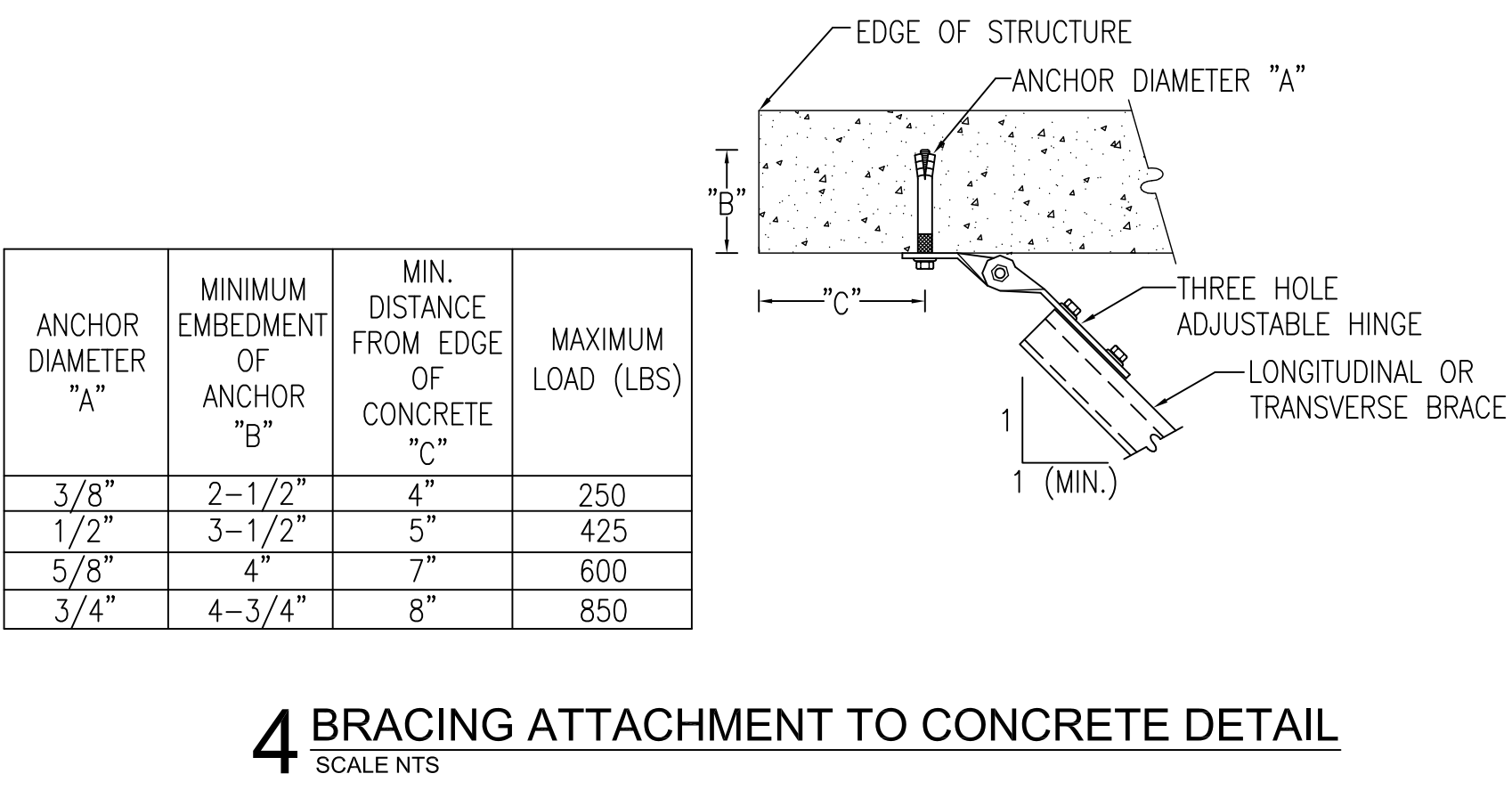
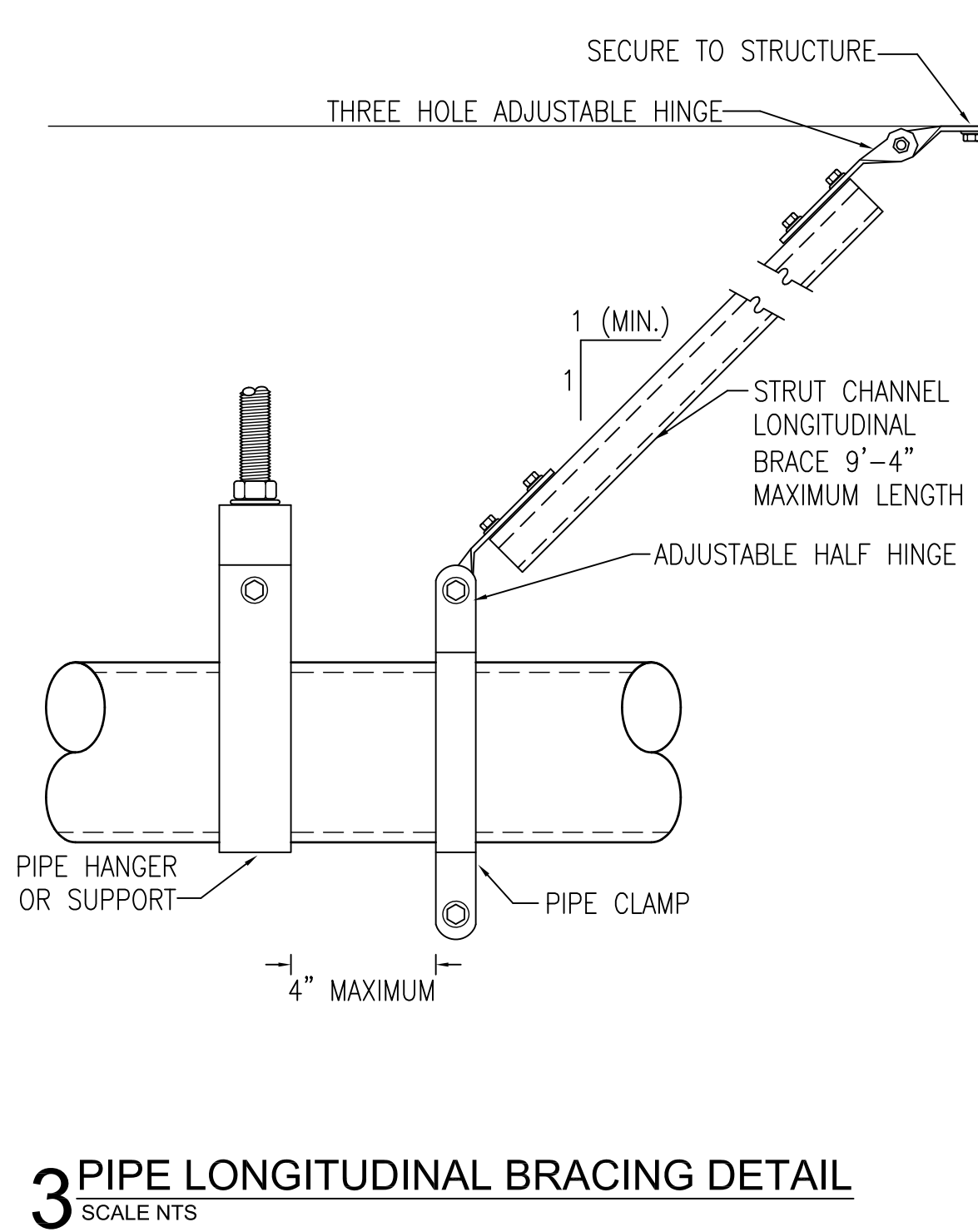
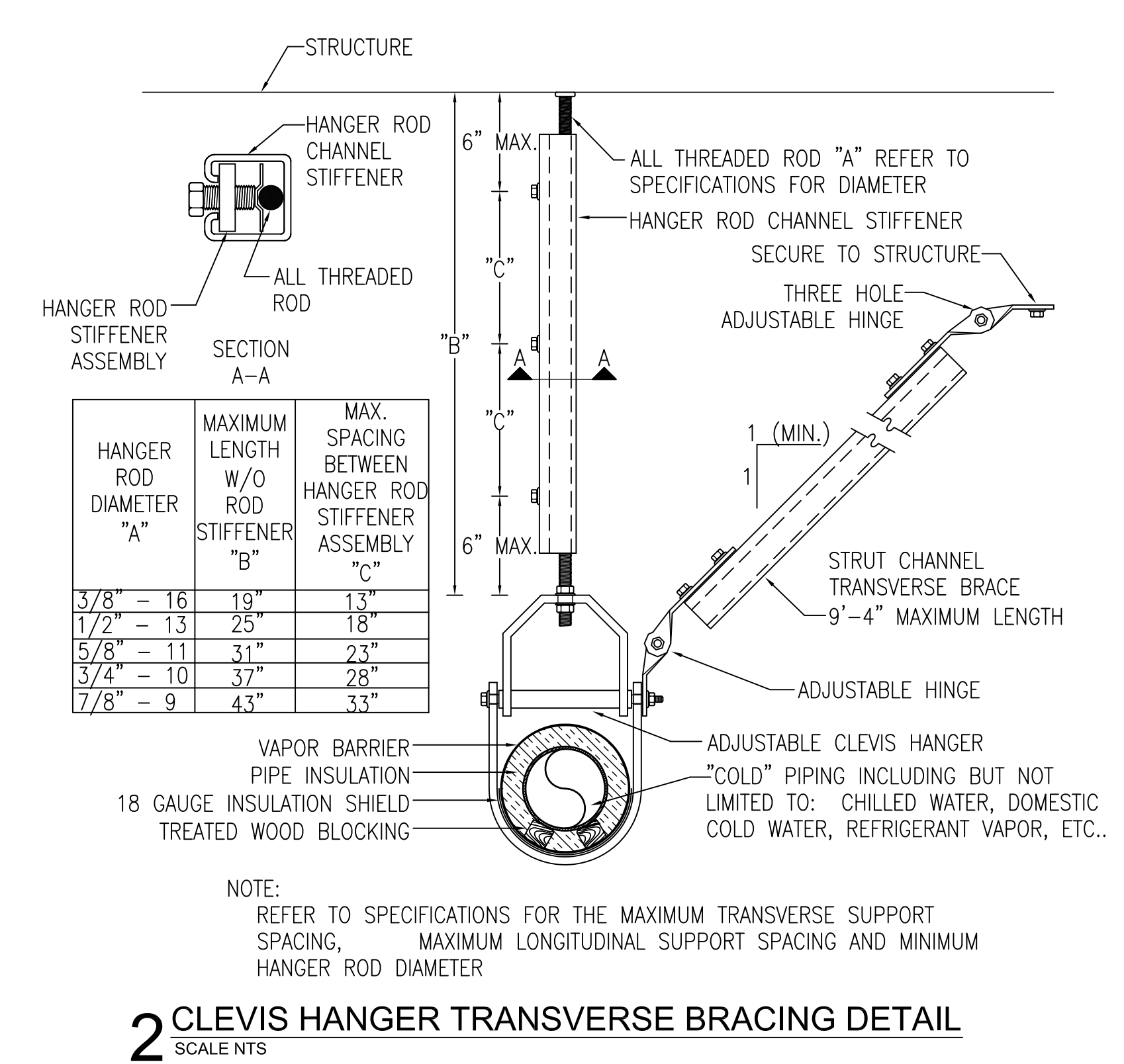
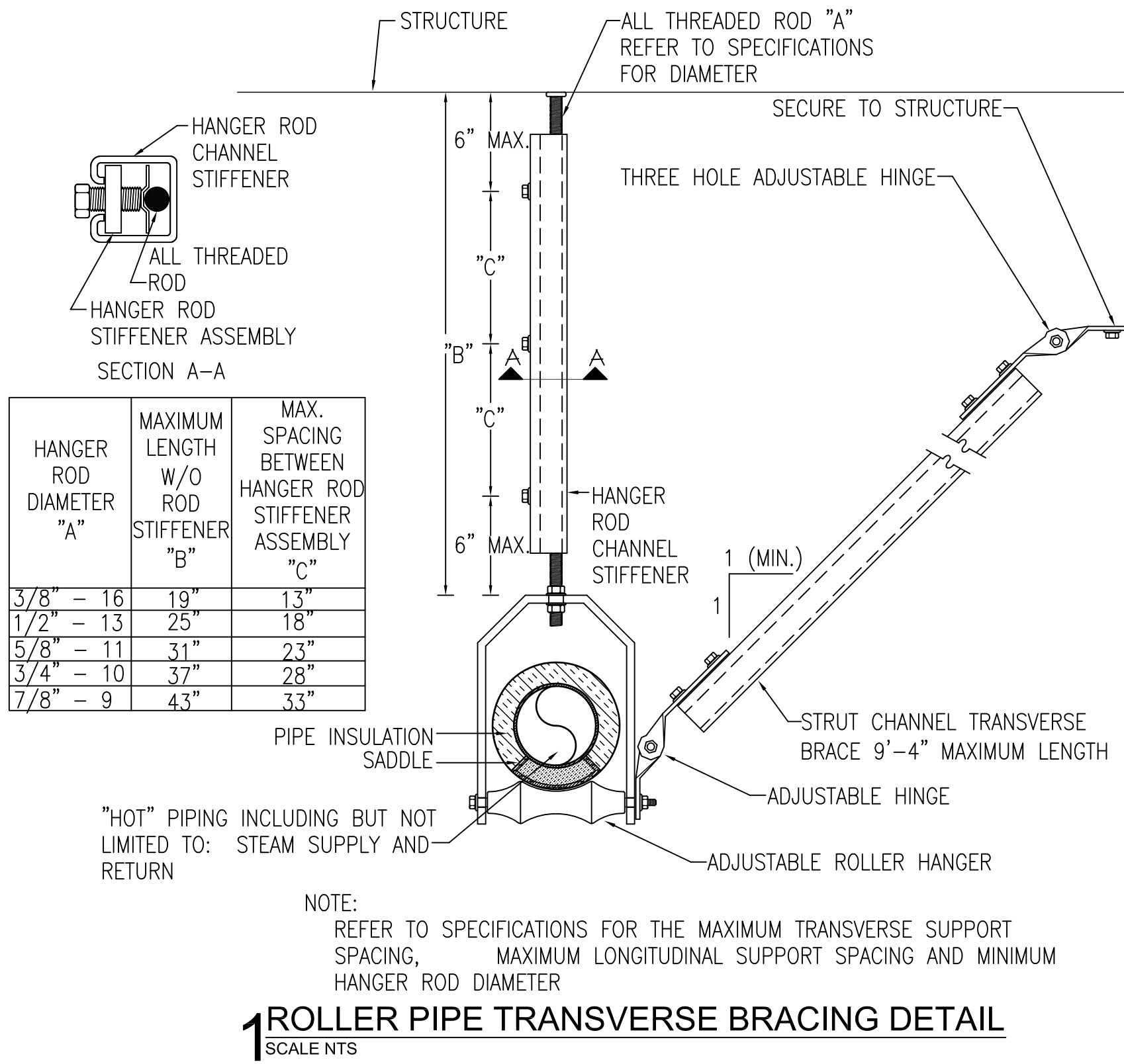
6 CHILLED WATER PIPE TRENCH DETAIL
SCALE NTS

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				Jacobs Engineering	Tompkins Architects, LLC		 <div>612 N.W. Kay Drive Lee's Summit, Missouri 64063 Phone: (816) 525-9833 Fax: (816) 524-9005 Email: jet@tom-arch.com</div> <div><div>1308 South Main Street Little Rock, Arkansas 72202</div></div>		Mechanical Details		Outpatient Mental Health Improvements Overton Brooks Veterans Administration Medical Center		667-081		
					Building Number Bldg. 1, South Wing										
					Drawing Number										
					M502										
					Dwg. 84 of 123										
				100% Submittal											

A
three inches = one foot
1
B
one and one half inch = one foot
6
1
C
three quarters inch = one foot
0
2
1
D
one half inch = one foot
4
0
E
one quarter inch = one foot
8
4
0
F
one eighth inch = one foot
16
8
4
0

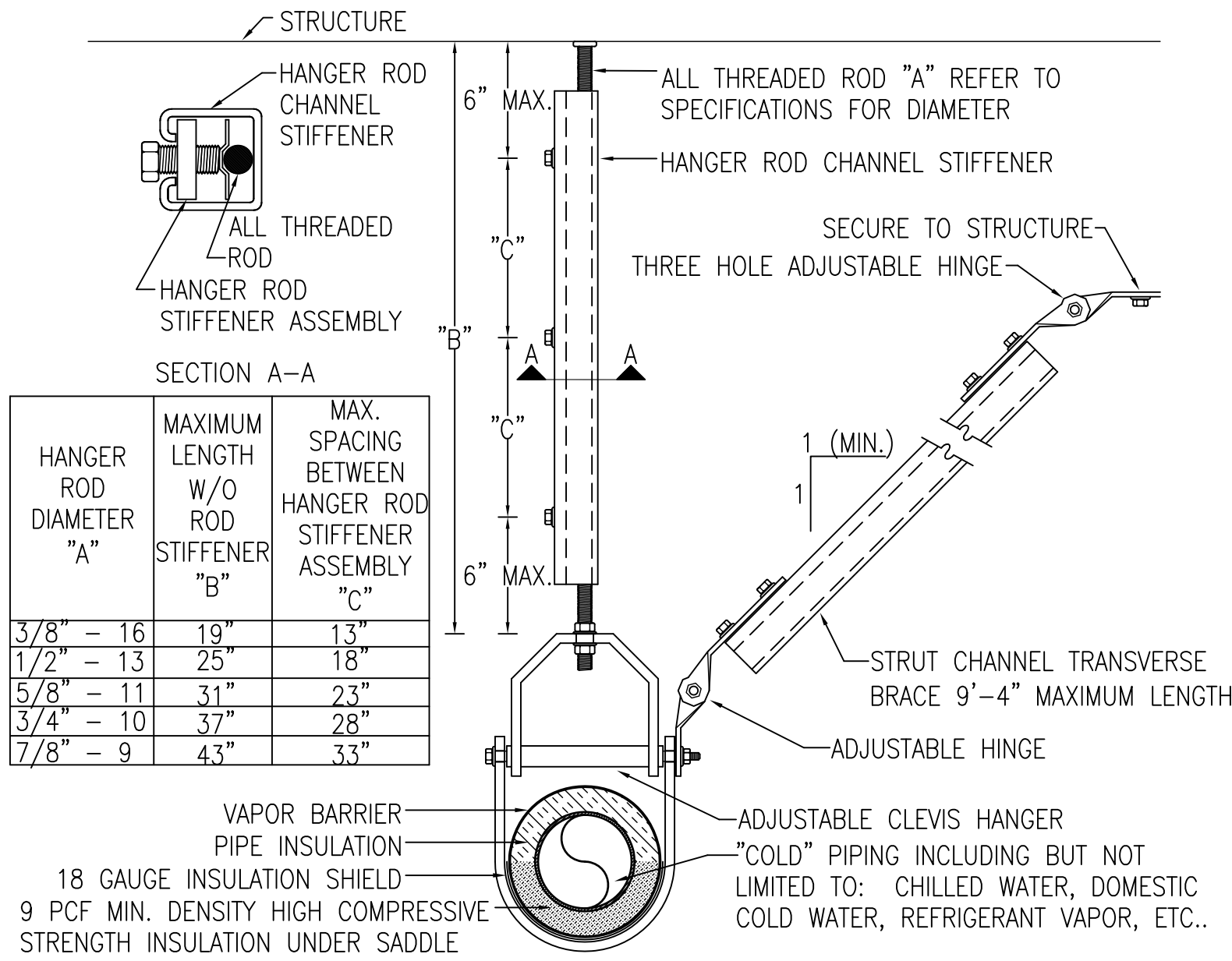


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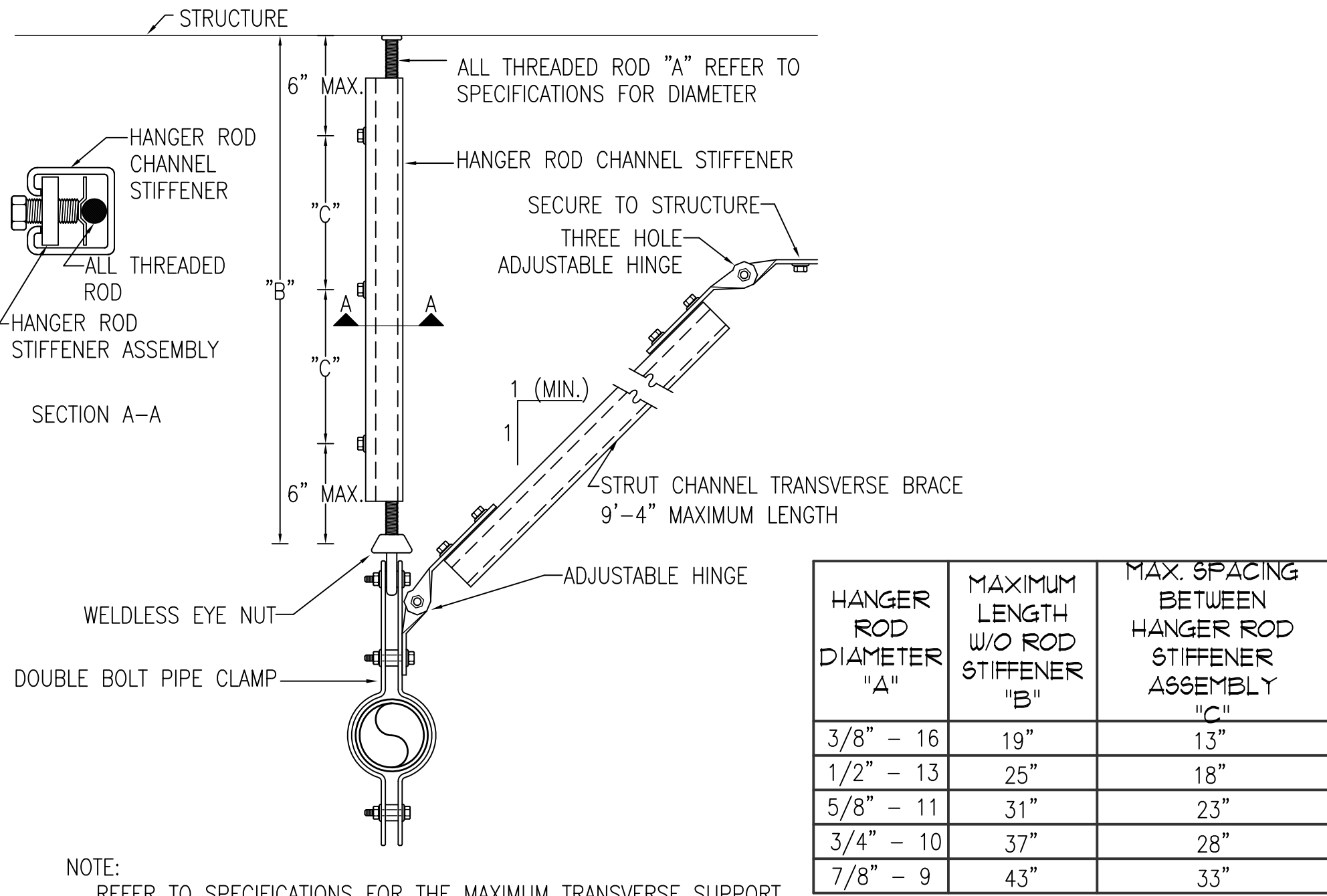
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						Date 01/20/2010		Checked JPRP		Drawing Number M503		
						Drawn EAS		Dwg. 85 of 123				

A
three inches = one foot
B
one and one half inch = one foot
C
three quarters inch = one foot
D
one half inch = one foot
E
one quarter inch = one foot
F
one eighth inch = one foot



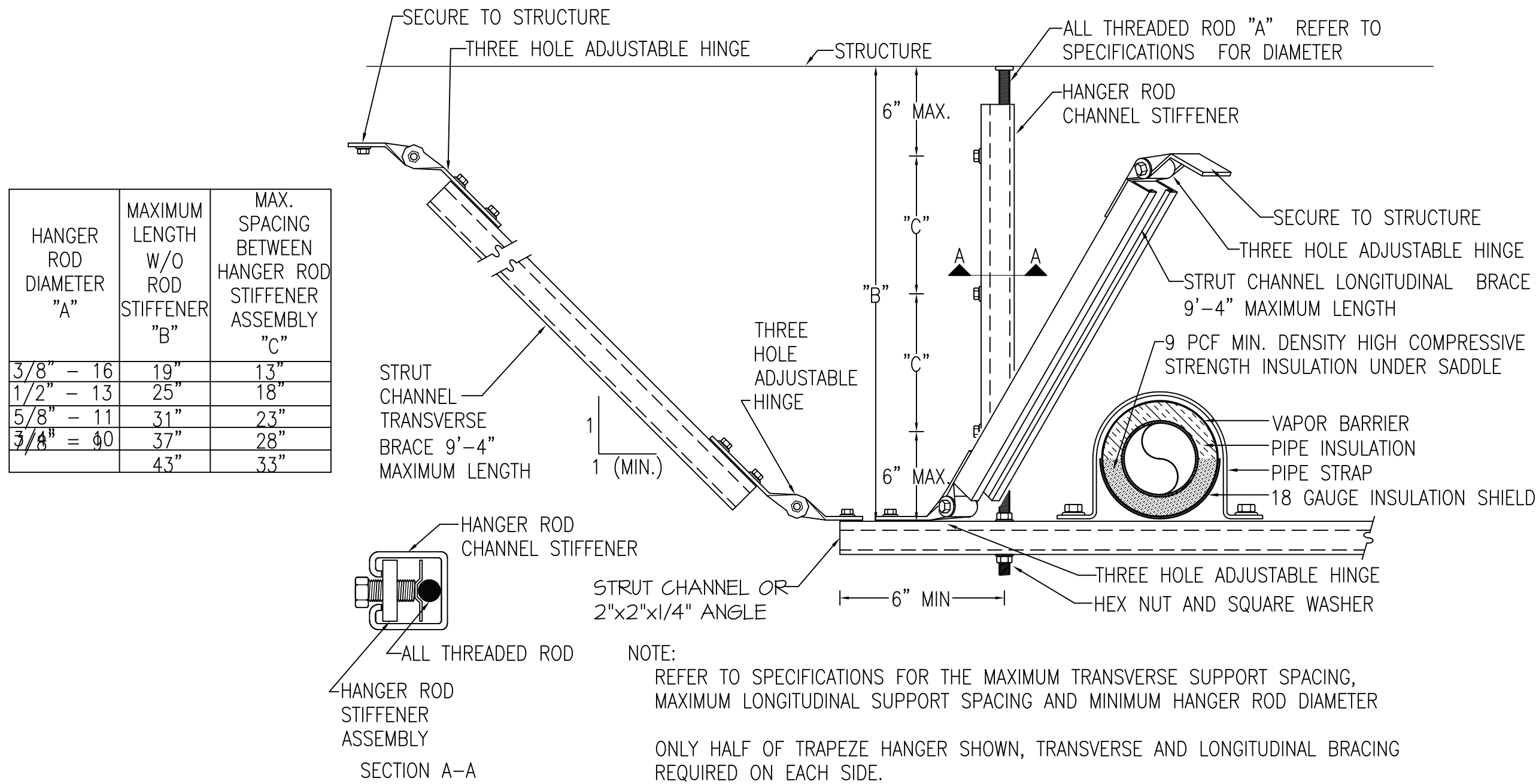
NOTE:
REFER TO SPECIFICATIONS FOR THE MAXIMUM TRANSVERSE SUPPORT SPACING,
MAXIMUM LONGITUDINAL SUPPORT SPACING AND MINIMUM HANGER ROD DIAMETER

1 CLEVIS HANGER TRANSVERSE BRACING DETAIL
SCALE NTS



NOTE:
REFER TO SPECIFICATIONS FOR THE MAXIMUM TRANSVERSE SUPPORT SPACING,
MAXIMUM LONGITUDINAL SUPPORT SPACING AND MINIMUM HANGER ROD DIAMETER

2 PIPE CLAMP TRANSVERSE BRACING DETAIL
SCALE NTS



NOTE:
REFER TO SPECIFICATIONS FOR THE MAXIMUM TRANSVERSE SUPPORT SPACING,
MAXIMUM LONGITUDINAL SUPPORT SPACING AND MINIMUM HANGER ROD DIAMETER

ONLY HALF OF TRAPEZE HANGER SHOWN, TRANSVERSE AND LONGITUDINAL BRACING
REQUIRED ON EACH SIDE.

3 TRAPEZE TRANSVERSE AND LONGITUDINAL BRACING DETAIL
SCALE NTS

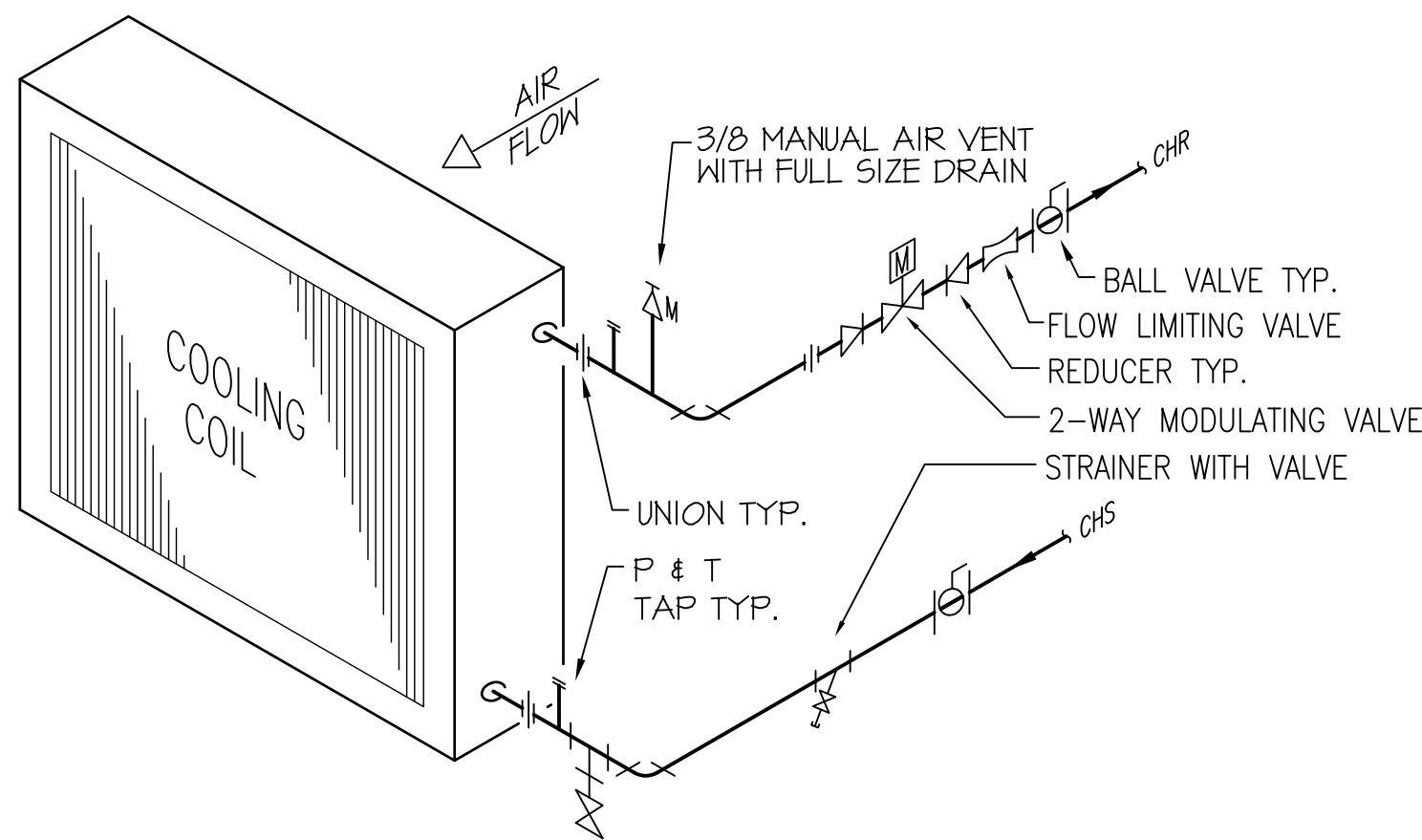
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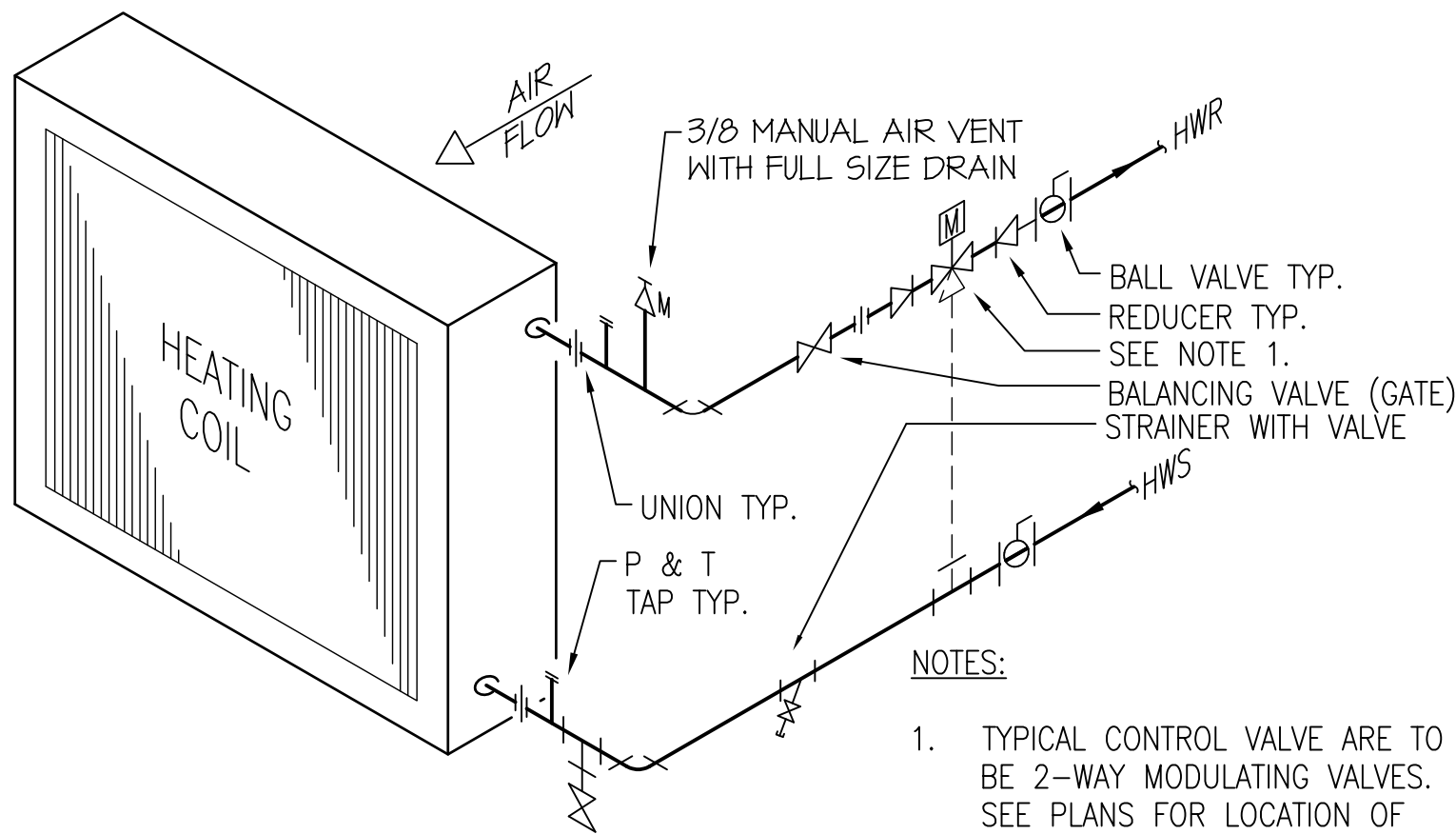
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						Approved: Project Director	Location Shreveport, Louisiana	Drawing Number M504	100% Submittal	
							Date 01/20/2010	Checked JPRP		
							Drawn EAS	Dwg. 86 of 123		

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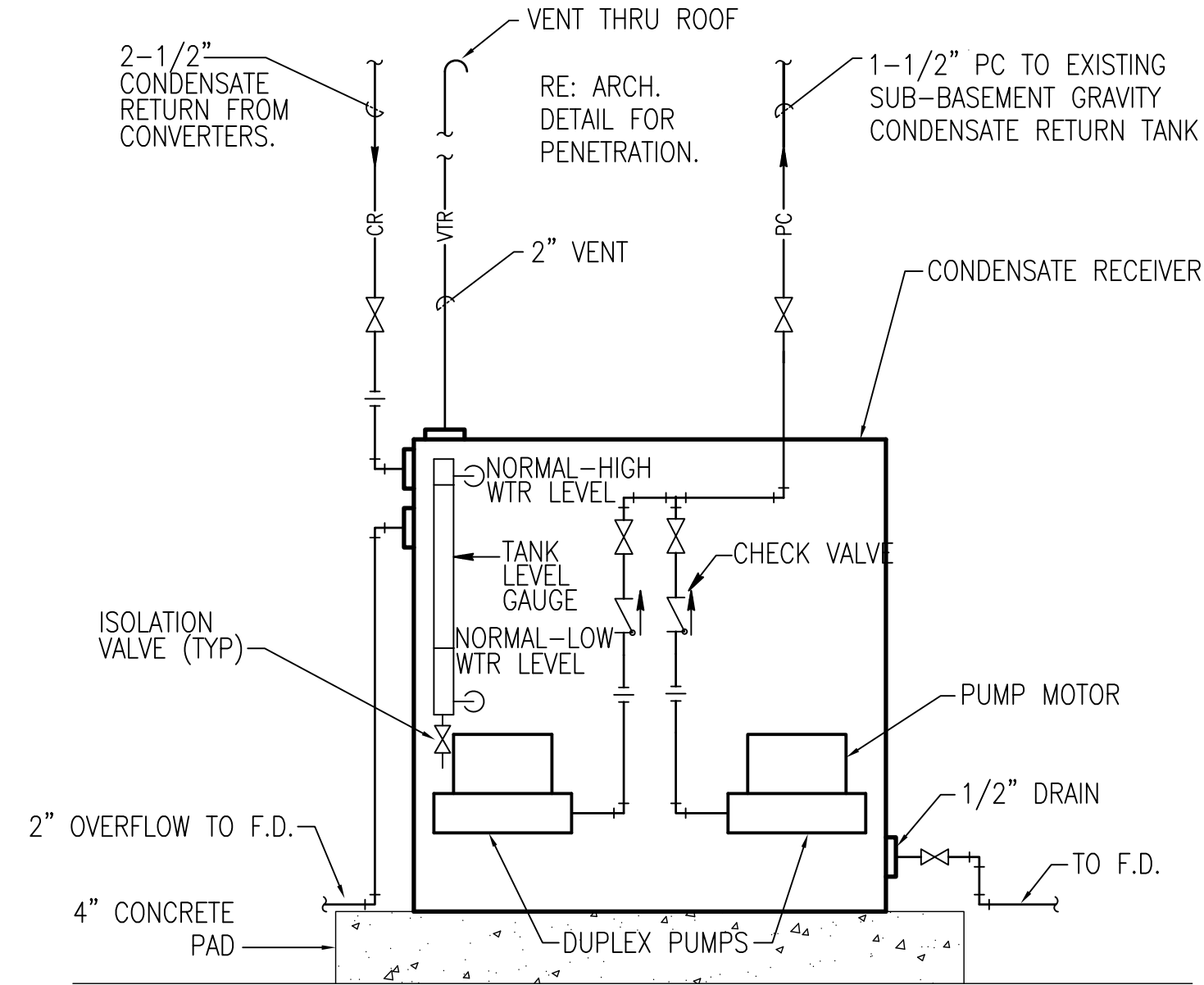
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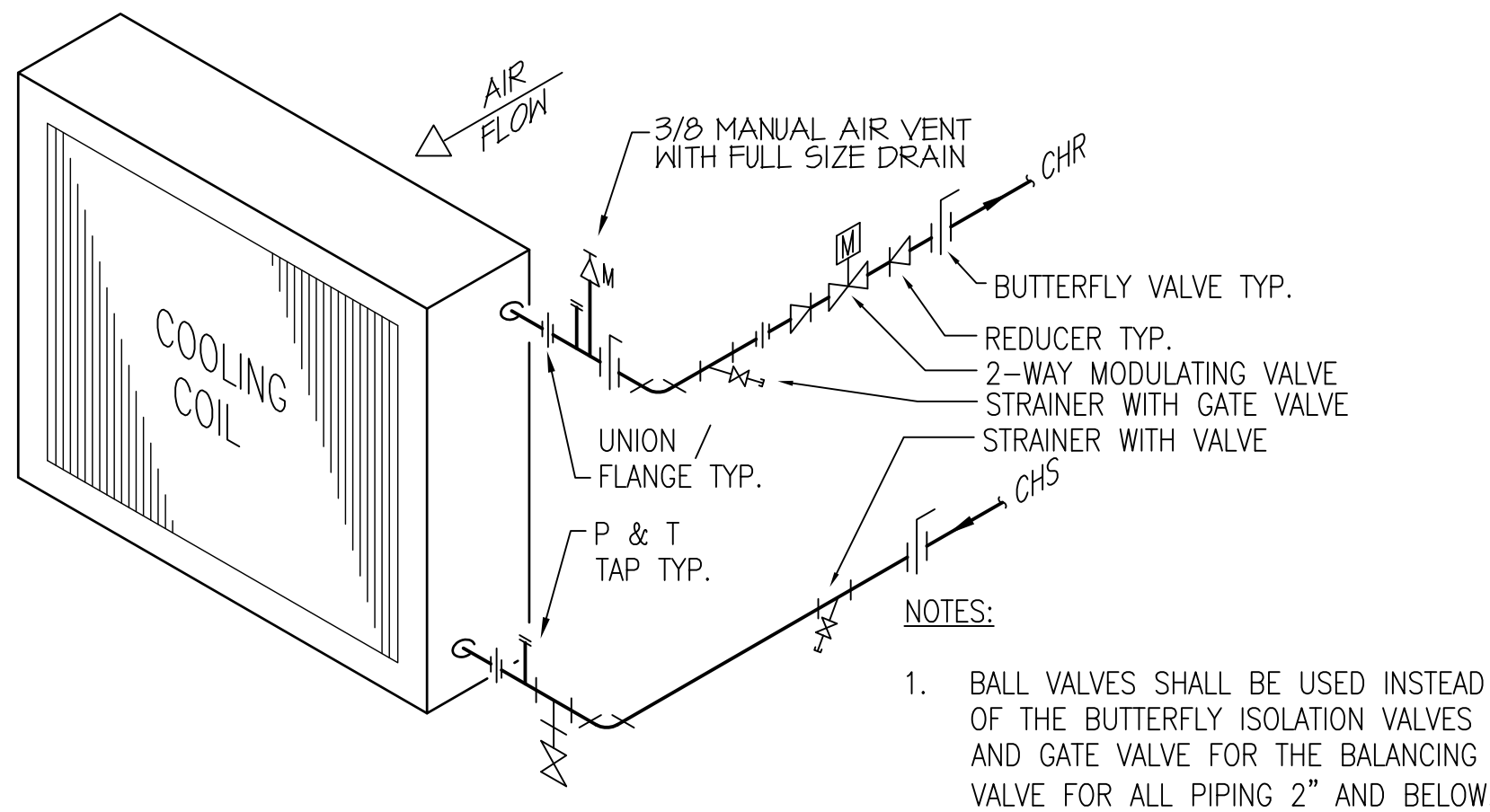
1 CHILLED WATER COIL DETAIL (FCU)
SCALE NTS



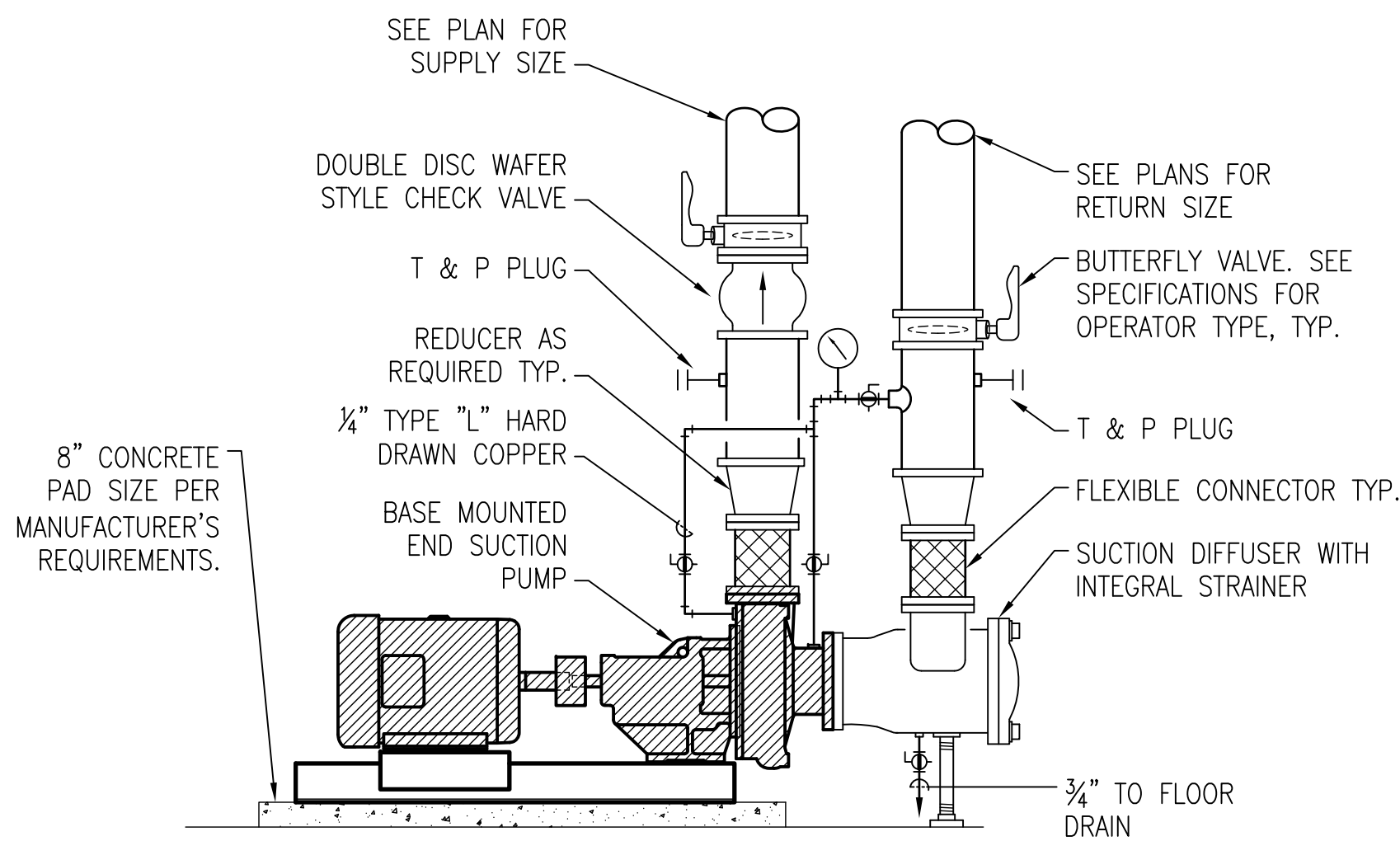
2 HEATING WATER COIL DETAIL (VAV, FCU, AHU)
SCALE NTS



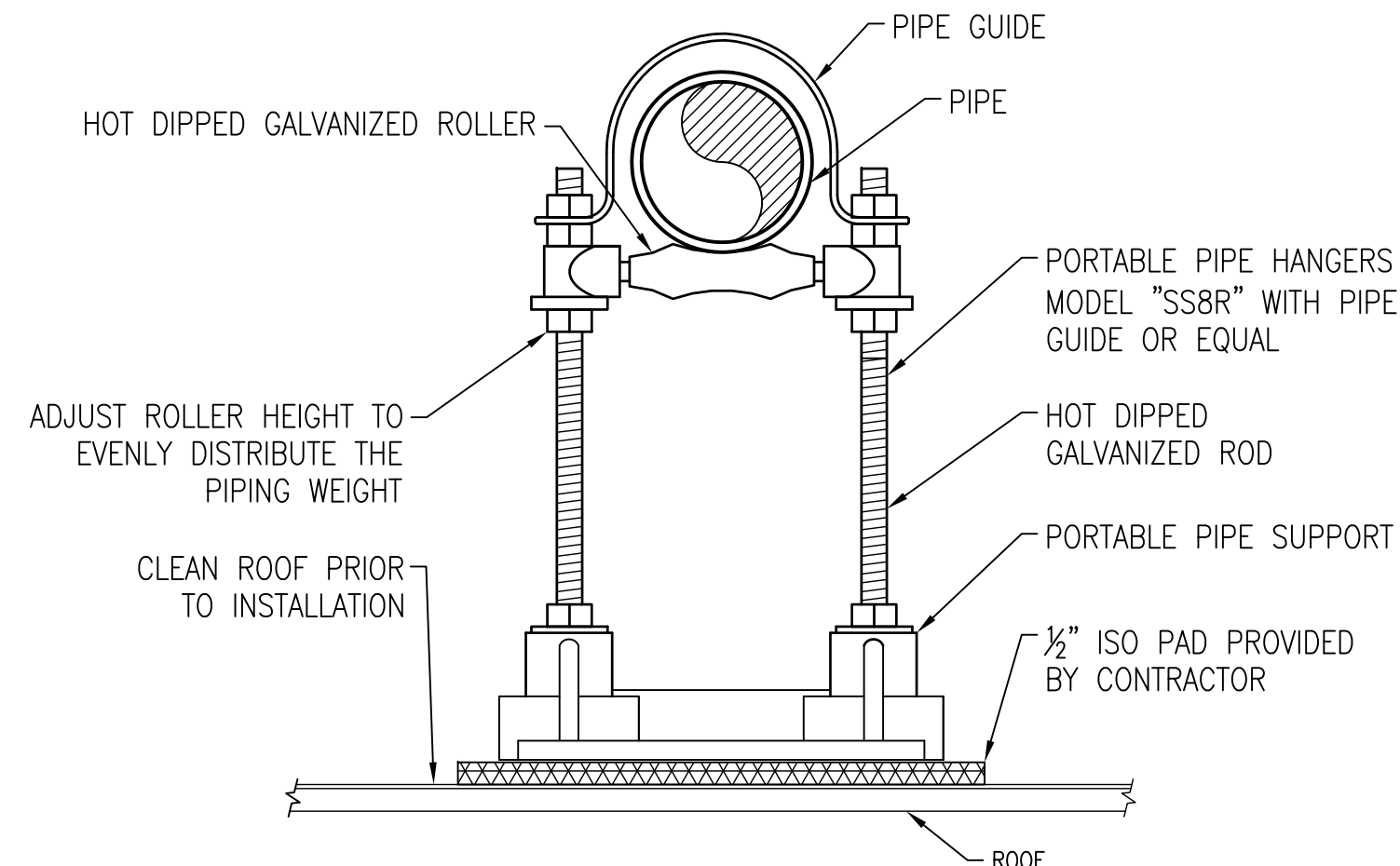
3 CONDENSATE RECEIVER - PIPING DIAGRAM
SCALE NTS



4 CHILLED WATER COIL DETAIL (AHU)
SCALE NTS



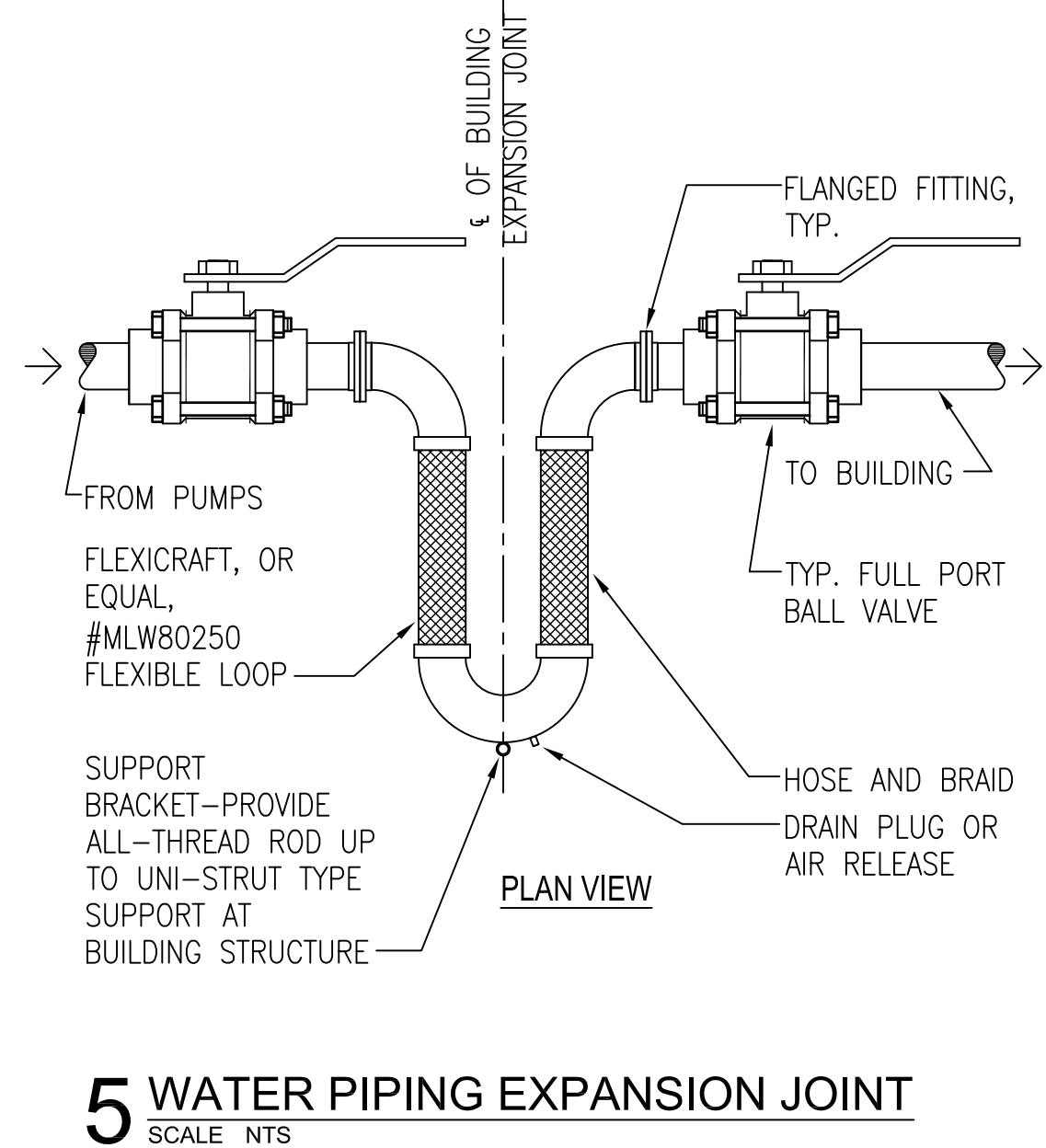
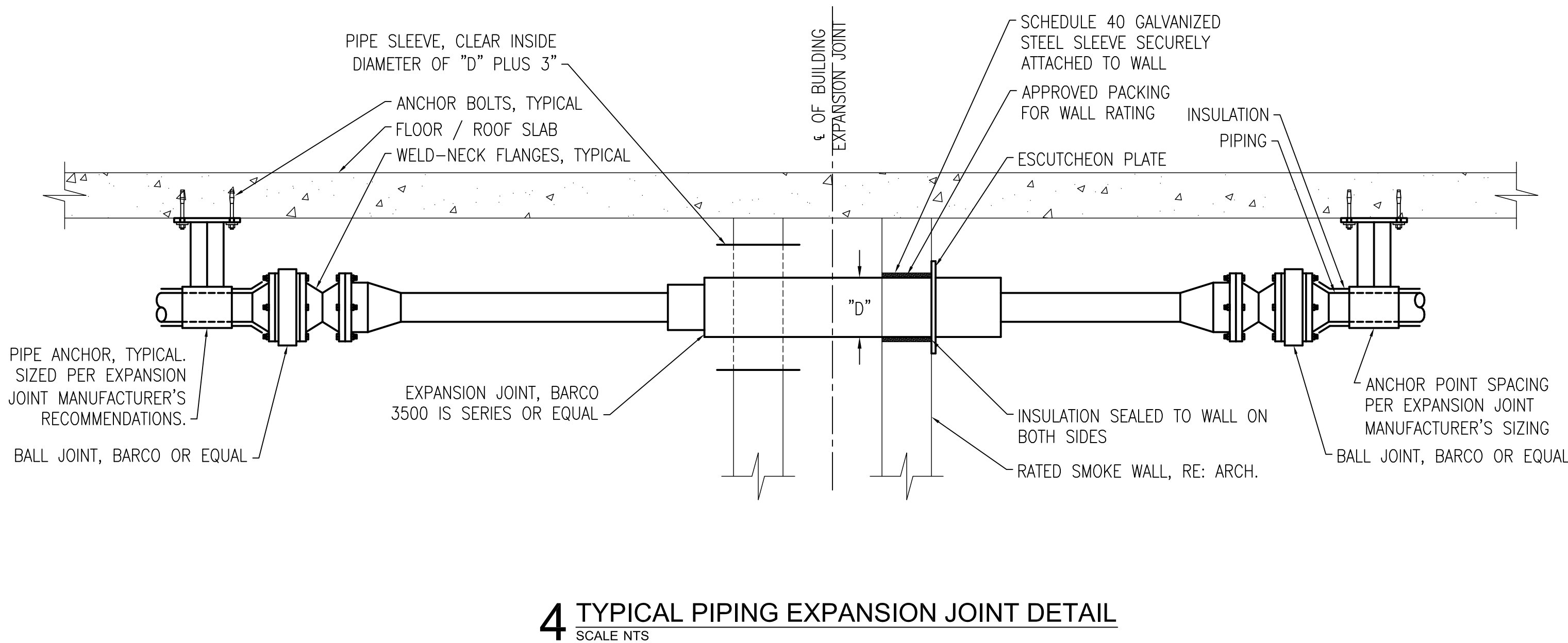
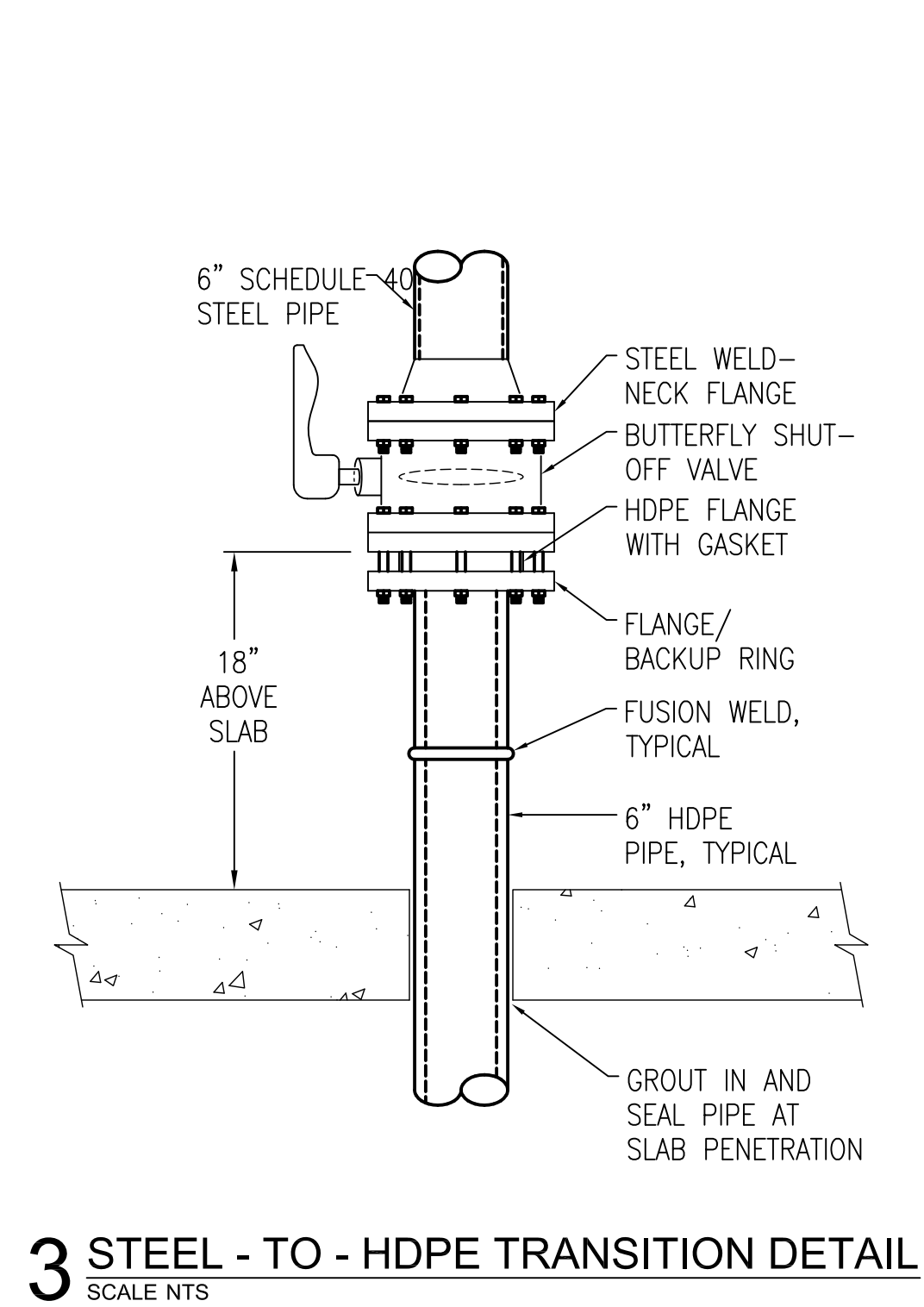
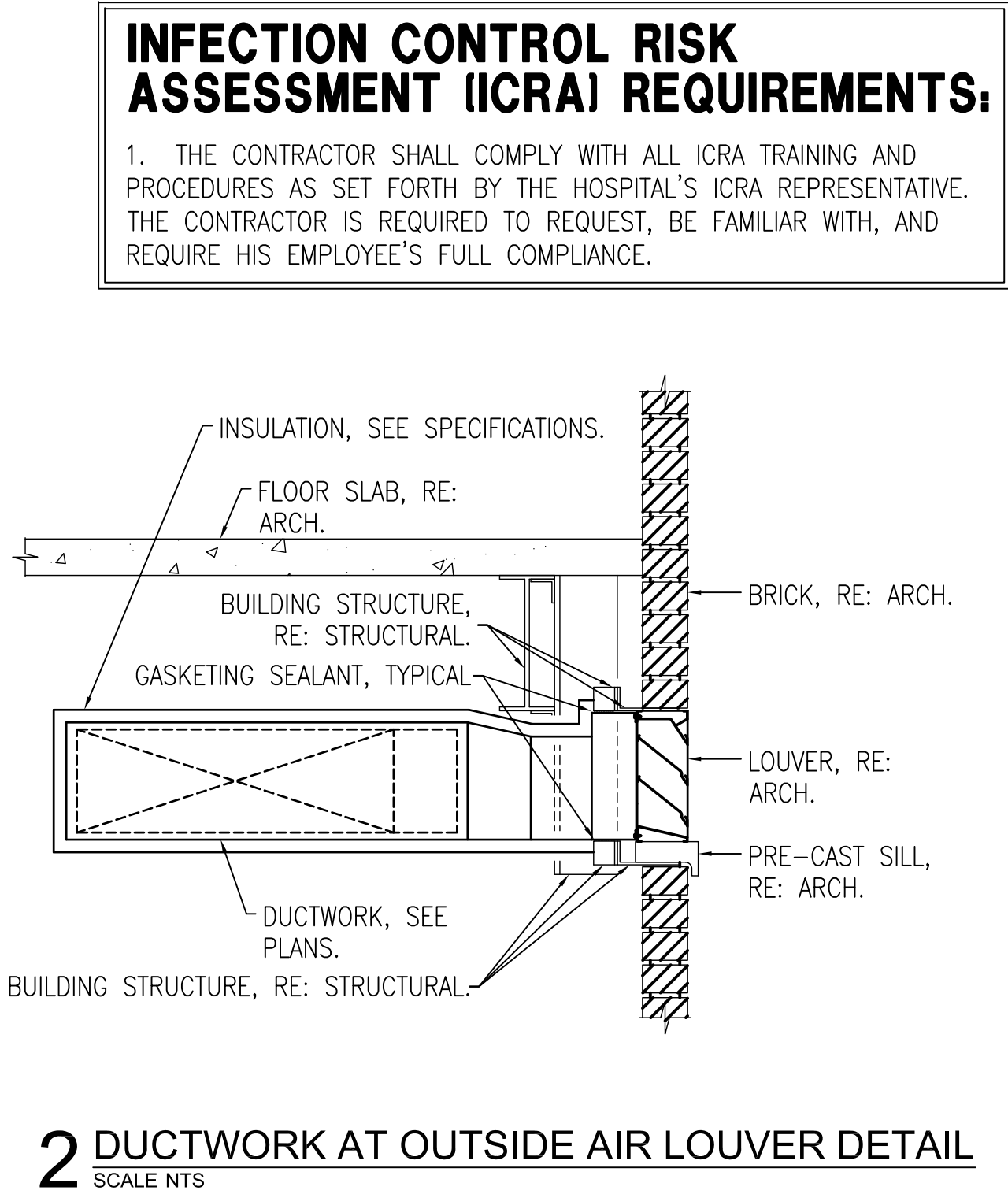
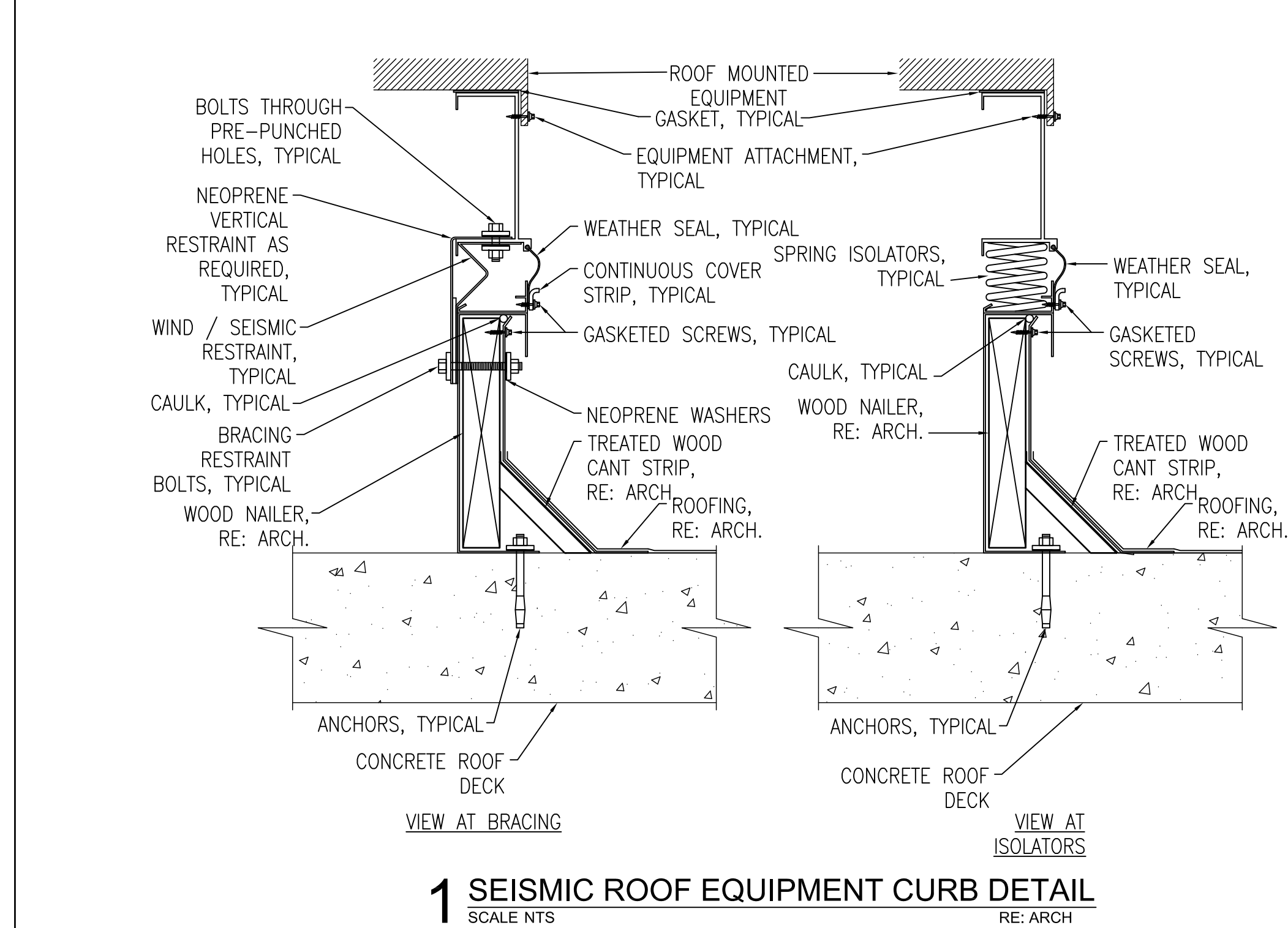
5 FLANGED END SUCTION PUMP DETAIL
SCALE NTS



6 PORTABLE PIPE SUPPORT
SCALE NTS

REVISIONS		DATE	AS-BUILT DRAWINGS This document has been prepared based on As-Built information provided by others. Those relying on this document are advised to obtain independent verification of its accuracy before using it for any purpose.	CONSULTANTS: Jacobs Engineering JACOBS 10816 EXECUTIVE CENTER DRIVE, SUITE 300 LITTLE ROCK, ARKANSAS 7211-4383 PHONE (501) 223-0515 FAX (501) 223-2470 JACOBS PROJECT NO: F3W81800	ARCHITECT/ENGINEERS: Tompkins Architects, LLC  612 N.W. Kay Drive Lee's Summit, Missouri 64063 Phone: (816) 525-9833 Fax: (816) 524-9005 Email: jet@tom-arch.com STUCK associates ARCHITECTS <small>Phone: (501) 378-0059 1308 South Main Street www.stuckarch.com Little Rock, Arkansas 72202</small>	Drawing Title Mechanical Details		Project Title Outpatient Mental Health Improvements Overton Brooks Veterans Administration Medical Center		Project Number 667-081		Office of Facility Management 100% Submittal
						Approved: Project Director		Location Shreveport, Louisiana		Building Number Bldg. 1, South Wing		
						Date 01/20/2010	Checked JPRP	Drawn EAS	Drawing Number M505			
									Dwg. <u>87</u> of <u>123</u>			

A
three inches = one foot
1
B
one and one half inch = one foot
6
C
three quarters inch = one foot
2
D
one half inch = one foot
4
E
one quarter inch = one foot
8
F
one eighth inch = one foot
16



REVISIONS	DATE

AS-BUILT DRAWINGS
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Drawing Title
Mechanical Details
Approved: Project Director

Project Title
Outpatient Mental Health Improvements
Overton Brooks
Veterans Administration Medical Center
Location
Shreveport, Louisiana
Date
01/20/2010
Checked
JPRP
Drawn
EAS

Project Number
667-081
Building Number
Bldg. 1, South Wing
Drawing Number
M506
Dwg. 88 of 123

Office of
Facility
Management
100% Submittal

A
three inches = one foot
B
one and one half inch = one foot
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three quarters inch = one foot
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one half inch = one foot
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one quarter inch = one foot
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one eighth inch = one foot

AIR HANDLING UNITS

DESIGNATION		AHU-1
AREA SERVED		1ST, 2ND FLOORS
MANUFACTURER / MODEL (BASIS OF DESIGN)		TRANE / MCCB 50
UNIT CONFIGURATION		DRAW THRU
CASING INSULATION		2 INCHES - 1.5 PCF DENSITY
CASING LINER		SOLID
ISOLATION TYPE		2" SPRING
UNIT LENGTH (INCHES)		291-1/2
UNIT WIDTH (INCHES)		120
UNIT HEIGHT (INCHES)		81, INCLUDES 6 IN. BASE RAIL
OPERATING WEIGHT (LBS)		10,800
AIR INLET BOX WITH FILTER SECTION	AIR FLOW (CFM)	27,750
	OUTSIDE AIR FLOW (CFM)	2,500
	MIXED AIR ENTRY / PRESSURE DROP (INCHES W.G.)	TOP / 0.35
	TOP DAMPER TYPE	SMOKE, MFG. PROVIDES ACTUATOR
	FILTER DEPTH (INCHES)	2
	FILTER TYPE	PLEATED, MERV 8
	MINIMUM EFFICIENCY (%)	30
	MID-LIFE FILTER AIR PRESSURE DROP (INCHES W.G.)	0.68
	ACCESS DOORS	ROOM SIDE, SEE PLANS
	AIRFLOW LENGTH (INCHES)	48
	SECTION ACCESSORIES	SERVICE LIGHT
HOT WATER PRE-HEAT COIL SECTION	AIR FLOW (CFM)	27,750
	COIL FACE VELOCITY (FPM)	582
	ROWS	1
	FIN SPACING (FINS PER FOOT)	88
	ENTERING AIR TEMPERATURE (DB DEG.F.)	60
	LEAVING AIR TEMPERATURE (DB DEG.F.)	85
	COIL AIR PRESSURE DROP (INCHES W.G.)	0.10
	ENTERING WATER TEMPERATURE (DEG.F.)	180
	LEAVING WATER TEMPERATURE (DEG.F.)	150
	HEATING WATER FLOW (GPM)	50.1
	COIL WATER PRESSURE DROP (FEET W.G.)	2.41
	TOTAL HEAT TRANSFER (MBH)	752.2
	ACCESS DOORS	ROOM SIDE, SEE PLANS
	AIRFLOW LENGTH (INCHES)	29-1/2
	SECTION ACCESSORIES	S.S. IAO DRAIN PAN, SERVICE LIGHT
CHILLED WATER COIL SECTION	AIR FLOW (CFM)	27,750
	COIL FACE VELOCITY (FPM)	582
	ROWS	6
	FIN SPACING (FINS PER FOOT)	117
	ENTERING AIR TEMPERATURE (DB/WB DEG.F.)	74.2 / 61.2
	LEAVING AIR TEMPERATURE (DB/WB DEG.F.)	52.0 / 51.6
	COIL AIR PRESSURE DROP (INCHES W.G.)	0.82
	ENTERING WATER TEMPERATURE (DEG.F.)	45
	LEAVING WATER TEMPERATURE (DEG.F.)	55
	CHILLED WATER FLOW (GPM)	149.7
	COIL WATER PRESSURE DROP (FEET W.G.)	9.78
	TOTAL HEAT TRANSFER (MBH)	751.2
	SENSIBLE HEAT TRANSFER (MBH)	675.7
	ACCESS DOORS	ROOM SIDE, SEE PLANS
	AIRFLOW LENGTH (INCHES)	48
	SECTION ACCESSORIES	S.S. IAO DRAIN PAN, SERVICE LIGHT
FAN SECTION	AIR FLOW (CFM)	27,750
	FAN TYPE	AIRFOIL PLENUM, Z50-40.25"
	TOTAL STATIC PRESSURE (INCHES W.G.)	5.59
	EXTERNAL STATIC PRESSURE (INCHES W.G.)	2.50
	FAN RPM	1,188
	FAN BHP	35.8
	MOTOR HP	40
	MOTOR VOLTAGE / PHASE	460 / 3
	ACCESS DOORS	ROOM SIDE, SEE PLANS
	FAN ACCESSORIES	THRUST RESTRAINTS, ISOLATORS
	AIRFLOW LENGTH (INCHES)	68-1/2
	SECTION ACCESSORIES	EXT. GREASE LINES, SERVICE LIGHT
FINAL FILTER SECTION	AIR FLOW (CFM)	27,750
	FILTER DEPTH (IN.)	12
	FILTER TYPE	CARTRIDGE, MERV 14
	MINIMUM EFFICIENCY (%)	95
	MID-LIFE FILTER AIR PRESSURE DROP (INCHES W.G.)	0.99
	ACCESS DOORS	ROOM SIDE, SEE PLANS
	AIRFLOW LENGTH (INCHES)	29-1/2
	SECTION ACCESSORIES	SERVICE LIGHT
ACCESS SECTION	AIR FLOW (CFM)	27,750
	SECTION LENGTH (IN.)	20
	SECTION ACCESSORIES	SERVICE LIGHT

AIR HANDLING UNITS (CONT.)

DISCHARGE PLENUM SECTION	AIR FLOW (CFM)	27,750
	SECTION LENGTH (IN.)	48
	SECTION ACCESSORIES	SERVICE LIGHT
SOUND POWER LEVELS (CASING INLET / OUTLET)	63 (DB 10"-12 WATTS)	88 / 100
	125 (DB 10"-12 WATTS)	90 / 97
	250 (DB 10"-12 WATTS)	81 / 93
	500 (DB 10"-12 WATTS)	83 / 94
	1000 (DB 10"-12 WATTS)	76 / 89
	2000 (DB 10"-12 WATTS)	72 / 86
	4000 (DB 10"-12 WATTS)	66 / 79
	8000 (DB 10"-12 WATTS)	58 / 73
REMARKS	FACTORY WIRE LIGHTS TO SINGLE LIGHT SWITCH AT UNIT EXTERIOR.	
NOTES: 1. ACCEPTABLE MANUFACTURERS: TRANE, CARRIER, MCQUAY, YORK, APPROVED EQUAL. 2. PROVIDE ONE SPARE SET OF FILTERS FOR EACH AIR HANDLING UNIT TO BE INSTALLED AT PROJECT COMPLETION. 3. PROVIDE HW COIL W/ 3-WAY CONTROL VALVE.		

BASEBOARD HEATERS - ELECTRIC

DESIGNATION	REFERENCE PRODUCT	SERVES	FINNED LENGTH (N)	CONTROLLER LENGTH (N)	CABINET LENGTH (N)	CABINET HEIGHT (N)	CABINET DEPTH (N)	HEATING PERFORMANCE ELECTRIC HEATER (W)	HEATING OUTPUT (BTUH)	ELECTRICAL INFORMATION		REMARKS
BH-1	MARKEL G2912-060C	STAIR BS-34	56	4	60	6	2.5	1,250	4,250	277 / 1	15	-
BH-2	MARKEL G2925-120C	STAIR BS-06	116	4	120	6	2.5	2,500	8,532	277 / 1	15	-
NOTES: 1. ACCEPTABLE MANUFACTURERS: MARKEL, APPROVED EQUAL. 2. FURNISH WITH 277V - 20 AMP INTERNAL THERMOSTAT AND 277V - 20 AMP DISCONNECT SWITCH IN CONTROL SECTION. 3. FURNISH WITH ENDCAPS AND 3" HIGH MOUNTING PEDESTALS. COLOR COORDINATE WITH ARCHITECT.												

CONVERTORS

				TUBE SIDE							SHELL SIDE				
DESIGNATION	REFERENCE PRODUCT	LOCATION	SERVES	HEATING CAPACITY (MBH)	WATER FLOW RATE (GPM)	EWI / LWT (° F)	WATER PRESSURE DROP (FT. WATER)	FOULING FACTOR	VELOCITY (FT./SEC.)	No. OF PASSES	STEAM FLOW RATE (LBS/HR)	STEAM PRESSURE (PSIG)	OUTSIDE DIAMETER (IN.)	TOTAL LENGTH (IN.)	REMARKS
HWC-1	ARMSTRONG WS-0805-200-1	FIRST FLOOR MECH. ROOM	HEATING WATER	1,985.0	135	150 / 180	1.8	0.0005	5.0	2	2,083.5	10.0	8.75	52.75	PROVIDE WITH FACTORY INSTALLATION HARDWARE FOR OVERHEAD MOUNTING.

CONDENSATE RETURN PUMPS

								ELECTRICAL				
DESIGNATION	REFERENCE PRODUCT	LOCATION	SERVES	TYPE	CONDENSATE FLOW RATE (GPM)	DISCHARGE PRESSURE (PSIG)	ROTATION (RPM)	NO. OF PUMPS	PUMP MOTOR (HP)	VOLTS / PHASE	REMARKS	
CRU-1	STERLING 43240-JD	MECHANICAL ROOM	HEATING WATER CONVERTERS	DUPLEX PACKAGE	60	20	3,450	2	1-1/2 EA	460 / 3	PROVIDE WITH 60 GAL. STAINLESS STEEL RECEIVER, MECHANICAL ALTERNATOR, INLET STRAINER, WATER GAUGE GLASS, WATER THERMOMETER, PUMP DISCHARGE VALVES, CONTROL PANEL WITH CIRCUIT BREAKERS, MOTOR STARTERS, AND HOA SWITCHES.	

AIR COOLED CHILLERS

MARK	REFERENCE PRODUCT	CAPACITY (TONS)	AMBIENT TEMP (°F)	FLUID DATA				CONDENSER DATA		COMPRESSOR DATA			ELECTRICAL DATA					WEIGHT (LBS.)	REMARKS	
				FLOW (GPM)	MIN. FLOW (GPM)	HEAD (FT)	EWI / LWT (°F)	FLUID TYPE	# OF FANS	RLA EACH	# OF COMP.	RLA EACH	LRA EACH	KW	MCA	MOP	VOLTAGE/ PHASE			EER
CH-1	TRANE RTAA 080	76.2	105	182.4	96	11.3	55 / 45	WATER	8	2.5	2	62.0	127.0	102.9	160	200	460 / 3	8.9	6,600	COORDINATE WITH STRUCTURAL ENGINEER FOR CHILLER SUPPORT PAD REQUIREMENTS.
<div>NOTES</div> <div>1. ACCEPTABLE MANUFACTURERS: CARRIER, TRANE, MCQUAY, AND YORK.</div> <div>2. PROVIDE WITH 5 YEAR COMPRESSOR WARRANTY, AND COMPREHENSIVE ACOUSTICS PACKAGE.</div> <div>3. PROVIDE WITH EVAPORATOR HEATER, 115V CONVENIENCE OUTLET, GROUND FAULT PROTECTION, VIBRATION ISOLATION, HAIL GUARDS, DIGITAL CONTROL SYSTEM, WYE DELTA STARTER, AND DISCONNECT.</div> <div>4. PROVIDE WITH FACTORY INSULATED 800 GALLON ASME STORAGE TANK EQUAL TO AO SMITH HD42-800. PROVIDE WITH 6" PIPING CONNECTIONS, FACTORY INSULATION, AND ADJUSTABLE THREADED LEGS. LOCATE STORAGE TANK IN BASEMENT MECHANICAL ROOM.</div>																				

INFECTION CONTROL RISK ASSESSMENT (ICRA) REQUIREMENTS:

1. THE CONTRACTOR SHALL COMPLY WITH ALL ICRA TRAINING AND PROCEDURES AS SET FORTH BY THE HOSPITAL'S ICRA REPRESENTATIVE. THE CONTRACTOR IS REQUIRED TO REQUEST, BE FAMILIAR WITH, AND REQUIRE HIS EMPLOYEE'S FULL COMPLIANCE.

REVISIONS		DATE
△	"As-Built" Document Revisions	10/08/12

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Drawing Title Mechanical Schedules		Project Title Outpatient Mental Health Improvements Overton Brooks Veterans Administration Medical Center			Project Number 667-081		Office of Facility Management 100% Submittal
					Building Number Bldg. 1, South Wing		
Approved: Project Director		Location Shreveport, Louisiana			Drawing Number M601		
					Dwg. 89 of 123		
		Date 01/20/2010	Checked JPRP	Drawn EAS			

A

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B

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C

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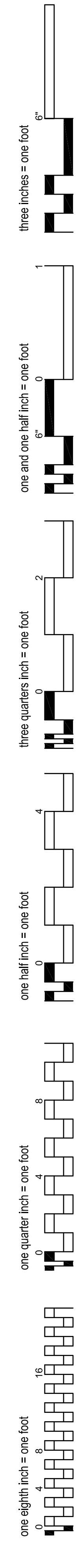
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E

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F



SINGLE DUCT SUPPLY AIR TERMINALS WITH HOT WATER REHEAT COILS																	
DESIGNATION	REFERENCE PRODUCT	SERVES	INLET SIZE (INCHES)	OCCUPIED MAX. AIRFLOW (CFM)	OCCUPIED MIN. AIRFLOW (CFM)	TERMINAL #1 PRESSURE DROP (INCHES H.G.)	HEATING WATER COIL								REMARKS		
							AIR FLOW (CFM)	ROWS	EAT (DEG. F)	LAT (DEG. F)	HEATING COIL #2 PRESSURE DROP (INCHES W.G.)	EWT (DEG. F)	LWT (DEG. F)	GPM		WPD (FEET)	MBH
VAV-01	TITUS DESV	BS-53	8	485	210	0.23	210	2	55	105.2	0.05	160	137.2	1	0.17	11.4	3-WAY HEATING WATER CONTROL VALVE
VAV-02	TITUS DESV	BS-95	6	180	180	0.09	180	2	55	103.7	0.09	160	141.1	1	0.12	9.5	
VAV-03	TITUS DESV	BS-60	10	890	370	0.38	370	2	55	104.0	0.08	160	140.4	2	0.37	19.6	
VAV-04	TITUS DESV	BS-64	6	260	260	0.22	260	3	55	105.0	0.22	160	131.9	1	0.08	14.0	
VAV-05	TITUS DESV	BS-97	8	570	570	0.48	570	3	55	102.1	0.48	160	140.7	3	0.49	29.0	
VAV-06	TITUS DESV	BS-91	8	540	540	0.43	540	3	55	103.5	0.43	160	141.2	3	0.49	28.3	
VAV-07	TITUS DESV	BS-66	6	100	100	0.03	100	2	55	117.0	0.03	160	146.6	1	0.12	6.7	
VAV-08	TITUS DESV	BS-10	8	570	240	0.30	240	2	55	101.9	0.08	160	135.7	1	0.17	12.2	
VAV-09	TITUS DESV	BS-16	10	950	380	0.43	380	2	55	103.4	0.08	160	140.2	2	0.37	19.8	
VAV-10	TITUS DESV	BS-93	8	410	410	0.27	410	3	55	106.0	0.27	160	137.4	2	0.22	22.6	
VAV-11	TITUS DESV	BS-19	8	380	240	0.16	240	2	55	101.9	0.08	160	135.7	1	0.17	12.2	
VAV-12	TITUS DESV	BS-20	12	1280	520	0.46	520	2	55	101.6	0.08	160	133.9	2	0.45	26.1	
VAV-13	TITUS DESV	BS-35	8	550	275	0.28	275	2	55	98.8	0.09	160	134.0	1	0.17	12.2	
VAV-14	TITUS DESV	BS-30	10	980	420	0.46	420	2	55	101.0	0.09	160	139.1	2	0.37	20.9	
VAV-15	TITUS DESV	BS-67	6	110	110	0.03	110	2	55	114.9	0.03	160	145.8	1	0.12	7.1	
VAV-16	TITUS DESV	BS-45	8	570	430	0.48	430	3	55	104.8	0.28	160	136.9	2	0.22	23.1	3-WAY HEATING WATER CONTROL VALVE
VAV-17	TITUS DESV	BS-96	6	275	275	0.24	275	3	55	103.5	0.24	160	131.2	1	0.08	14.4	
VAV-18	TITUS DESV	BS-38	8	670	420	0.64	420	3	55	105.4	0.27	160	137.2	2	0.22	22.8	
VAV-19	TITUS DESV	BS-46	10	1060	440	0.53	440	2	55	100.0	0.10	160	138.6	2	0.37	21.4	
VAV-20	TITUS DESV	BS-52	10	855	350	0.35	350	2	55	105.3	0.07	160	141.0	2	0.37	19.0	
VAV-21	TITUS DESV	IS-12	10	780	320	0.30	320	2	55	99.3	0.06	160	129.4	1	0.09	15.3	
VAV-22	TITUS DESV	IS-40	10	945	390	0.42	390	2	55	102.8	0.09	160	139.9	2	0.37	20.1	
VAV-23	TITUS DESV	IS-91	10	975	390	0.45	390	2	55	102.8	0.09	160	139.9	2	0.37	20.1	
VAV-24	TITUS DESV	1S-18	10	975	390	0.45	390	2	55	102.8	0.09	160	139.9	2	0.37	20.1	
VAV-25	TITUS DESV	1S-26	10	975	390	0.45	390	2	55	102.8	0.09	160	139.9	2	0.37	20.1	
VAV-26	TITUS DESV	1S-28	10	570	290	0.48	290	3	55	115.2	0.14	160	141.1	2	0.22	18.9	
VAV-27	TITUS DESV	1S-32	8	505	250	0.24	250	2	55	100.9	0.08	160	135.2	1	0.17	12.4	
VAV-28	TITUS DESV	IS-52	10	870	360	0.37	360	2	55	104.6	0.08	160	140.7	2	0.37	19.3	
VAV-29	TITUS DESV	IS-46	10	870	360	0.37	360	2	55	104.6	0.08	160	140.7	2	0.37	19.3	
VAV-30	TITUS DESV	1S-93	8	395	200	0.17	200	2	55	106.4	0.05	160	137.8	1	0.17	11.1	
VAV-31	TITUS DESV	1S-25	8	445	225	0.21	225	2	55	103.5	0.07	160	136.4	1	0.17	11.8	
VAV-32	TITUS DESV	IS-33	6	205	100	0.11	100	2	55	117.0	0.03	160	146.6	1	0.12	6.7	
VAV-33	TITUS DESV	IS-47	6	280	280	0.24	280	3	55	112.2	0.24	160	142.7	2	0.32	17.3	
VAV-34	TITUS DESV	1S-15	12	1190	575	0.39	575	2	55	99.3	0.09	160	132.5	2	0.45	27.5	
VAV-35	TITUS DESV	1S-17	6	205	100	0.11	100	2	55	117.0	0.03	160	146.6	1	0.12	6.7	
VAV-36	TITUS DESV	IS-21	6	280	280	0.24	280	3	55	112.2	0.24	160	142.7	2	0.32	17.3	
VAV-37	TITUS DESV	1S-51	8	555	280	0.45	280	3	55	116.1	0.14	160	141.5	2	0.22	18.5	
VAV-38	TITUS DESV	1S-02	10	785	400	0.30	400	2	55	102.2	0.09	160	139.6	2	0.37	20.4	
VAV-39	TITUS DESV	1S-90	10	585	585	0.24	585	3	55	102.8	0.24	160	129.8	2	0.18	30.2	
VAV-40	TITUS DESV	1S-01	6	200	200	0.11	200	2	55	101.2	0.11	160	140.0	1	0.12	10.0	
VAV-41	TITUS DESV	1W-52	6	230	230	0.17	230	3	55	108.3	0.17	160	133.5	1	0.08	13.2	
NOTES: *1. TOTAL AIR PRESSURE LOSS AT MAXIMUM AIR FLOW INCLUDING REHEAT COIL. *2. TOTAL AIR PRESSURE LOSS AT HEATING AIR FLOW INCLUDING THE REHEAT COIL. 3. ACCEPTABLE MANUFACTURERS: TITUS, KRUEGER, TUTTLE & BAILEY, METALAIRE, ENVIROTECH. 4. INSTALL TERMINALS AS REQUIRED TO MAINTAIN ACCESS TO THE CONTROLS INCLUDING HEATING WATER VALVE.																	

EXHAUST FANS																	
DESIGNATION	REFERENCE PRODUCT	LOCATION	SERVES	FAN DATA					ELECTRICAL		OPTIONS				CONTROL INTERLOCKS		REMARKS
				AIR FLOW (CFM)	TOTAL STATIC PRESSURE (IN. WATER)	DRIVE	ROTATION (RPM)	SONES	VOLTS / PHASE	MOTOR SIZE (MHP)	DAMPER TYPE	ROOF CURB	DISC. SWITCH	OTHER AS NOTED	SWITCH	OTHER AS NOTED	
EF-1	GREENHECK BSQ-80	SEE PLANS	TOILETS, SOILED UTILITY	460	0.75	BELT	1,729	13.8	115 / 1	1/4	GRAVITY	NO	YES	STARTER	---	TIME CLOCK	
EF-2	GREENHECK BSQ-100	SEE PLANS	TOILETS, JAN. CLOSETS	960	0.75	BELT	1,642	12.3	115 / 1	1/3	GRAVITY	NO	YES	STARTER	---	TIME CLOCK	
EF-3	GREENHECK BSQ-80	SEE PLANS	EXAM ROOMS	410	1.75	BELT	2,279	19.3	115 / 1	1/2	GRAVITY	NO	YES	STARTER	---	TIME CLOCK	
NOTES:																	
1. ACCEPTABLE MANUFACTURERS: ACME, COOK, GREENHECK, AND TWIN CITY FAN.																	
2. PROVIDE INLINE FANS WITH FLANGED DUCTWORK ADAPTERS, VIBRATION ISOLATORS, STARTER, DISCONNECT, AND SOUND DEADENING INSULATION LINER.																	

REVISIONS

DATE

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CONSULTANTS:

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JACOBS PROJECT NO: F3W81800

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Drawing Title

Mechanical Schedules

Approved: Project Director

Project Title

Outpatient Mental Health Improvements
Overton Brooks
Veterans Administration Medical Center

Location

Shreveport, Louisiana

Date

01/20/2010

Checked

JPRP

Drawn

EAS

Project Number

667-081

Building Number

Bldg. 1, South Wing

Drawing Number

M602

Dwg. 90 of 123

Office of Facility Management

100% Submittal

A

B

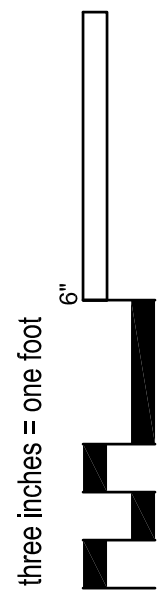
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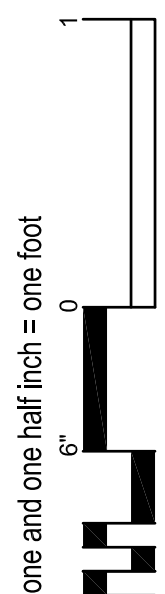
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CONSTRUCTION SET - 01/20/2010

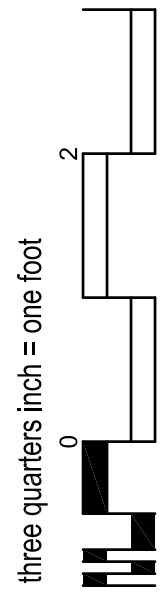
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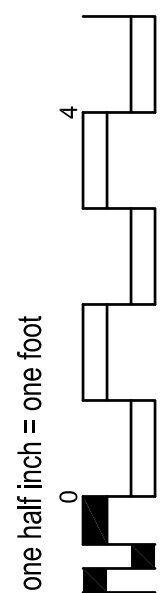
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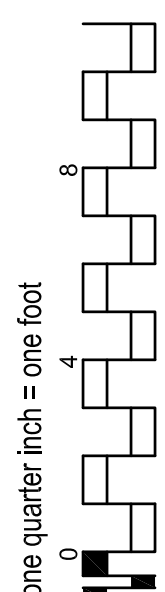
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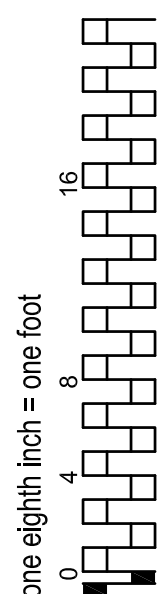
D



E



F



A

B

C

D

E

CONSTRUCTION SET 01/20/2010

AIR DEVICES SCHEDULE

DESIGNATION	MANUFACTURE/ MODEL NO.	MAX CFM	USE	TYPE	STYLE	NECK	FACE SIZE	MAX. APD INCHES	MAX N.C.	MATERIAL	FINISH	OBD YES/NO	REMARKS
A	TITUS TDC-AA	90	SUPPLY	LAY-IN	LOUVERED	6"ø OR 6x6	24/24	0.12	28	ALUMINUM	WHITE	N	
B	TITUS TDC-AA	200	SUPPLY	LAY-IN	LOUVERED	8"ø OR 9x9	24/24	0.12	28	ALUMINUM	WHITE	N	
C	TITUS TDC-AA	350	SUPPLY	LAY-IN	LOUVERED	10"ø OR 12x12	24/24	0.12	28	ALUMINUM	WHITE	N	
D	TITUS TDC-AA	550	SUPPLY	LAY-IN	LOUVERED	12"ø OR 16x16	24/24	0.12	28	ALUMINUM	WHITE	N	
E	TITUS 300-FS	700	SUPPLY	SIDEWALL	BLADE	12/10	-	0.25	35	ALUMINUM	WHITE	N	22-1/2" DEFLECTION W/ EXTRACTOR
F	TITUS 300-FS	800	SUPPLY	SIDEWALL	BLADE	42/6	-	0.10	30	ALUMINUM	WHITE	N	22-1/2" DEFLECTION W/ EXTRACTOR
G	TITUS 300-FS	250	SUPPLY	SIDEWALL	BLADE	12/6	-	0.12	30	ALUMINUM	WHITE	N	22-1/2" DEFLECTION W/ EXTRACTOR
H	TITUS TDC-AA	90	SUPPLY	LAY-IN	LOUVERED	6"ø OR 6x6	12/12	0.12	28	ALUMINUM	WHITE	N	
J	TITUS 300-FS	1500	SUPPLY	SIDEWALL	BLADE	24/14	-	0.16	30	ALUMINUM	WHITE	N	22-1/2" DEFLECTION
1	TITUS 50 F	80	RETURN EXHAUST	LAY-IN	EGGCRATE	6"ø OR 6x6	24/24	0.12	30	ALUMINUM	WHITE	N	1/2x1/2x1/2 ALUMINUM CORE
2	TITUS 50 F	160	RETURN EXHAUST	LAY-IN	EGGCRATE	8"ø OR 8x8	24/24	0.12	30	ALUMINUM	WHITE	N	1/2x1/2x1/2 ALUMINUM CORE
3	TITUS 50 F	300	RETURN EXHAUST	LAY-IN	EGGCRATE	10"ø OR 10x10	24/24	0.12	30	ALUMINUM	WHITE	N	1/2x1/2x1/2 ALUMINUM CORE
4	TITUS 50 F	480	RETURN EXHAUST	LAY-IN	EGGCRATE	12"ø OR 12x12	24/24	0.12	30	ALUMINUM	WHITE	N	1/2x1/2x1/2 ALUMINUM CORE
5	TITUS 50 F	750	RETURN EXHAUST	LAY-IN	EGGCRATE	14"ø OR 14x14	24/24	0.12	30	ALUMINUM	WHITE	N	1/2x1/2x1/2 ALUMINUM CORE
6	TITUS 50 F	1550	RETURN EXHAUST	LAY-IN	EGGCRATE	18x18	24x24	0.12	30	ALUMINUM	WHITE	N	1/2x1/2x1/2 ALUMINUM CORE
7	TITUS 50 F	1800	RETURN EXHAUST	LAY-IN	EGGCRATE	20x20	24x24	0.12	30	ALUMINUM	WHITE	N	1/2x1/2x1/2 ALUMINUM CORE
8	TITUS 50 F	2000	RETURN EXHAUST	LAY-IN	EGGCRATE	22x22	24x24	0.12	30	ALUMINUM	WHITE	N	1/2x1/2x1/2 ALUMINUM CORE
9	TITUS 50 F	80	RETURN EXHAUST	LAY-IN	EGGCRATE	6"ø OR 6x6	12/12	0.12	30	ALUMINUM	WHITE	N	1/2x1/2x1/2 ALUMINUM CORE
10	TITUS 50 F	475	RETURN EXHAUST	LAY-IN	EGGCRATE	10x10	24/24	0.12	30	ALUMINUM	WHITE	N	1/2x1/2x1/2 ALUMINUM CORE
11	TITUS 50 F	975	RETURN EXHAUST	LAY-IN	EGGCRATE	14x14	24/24	0.12	30	ALUMINUM	WHITE	N	1/2x1/2x1/2 ALUMINUM CORE
12	TITUS 50 F	1340	RETURN EXHAUST	LAY-IN	EGGCRATE	30x8	-	0.12	30	ALUMINUM	WHITE	N	1/2x1/2x1/2 ALUMINUM CORE
13	TITUS 350 ZFL	750	RETURN EXHAUST	SIDEWALL	BLADE	12x10	-	0.14	30	ALUMINUM	WHITE	N	0" DEFLECTION
14	TITUS 350 ZFL	1950	RETURN EXHAUST	SIDEWALL	BLADE	36x12	-	0.12	30	ALUMINUM	WHITE	N	0" DEFLECTION

NOTES:
1. ACCEPTABLE MANUFACTURERS: TITUS, KRUEGER, PRICE
2. ALL CEILING DIFFUSERS SHALL BE 4-WAY THROW UNLESS INDICATED OTHERWISE.
3. GRILLE'S NECK SIZE SHALL BE SAME AS BRANCH DUCT SHOWN ON DRAWINGS UNLESS INDICATED OTHERWISE.
4. PROVIDE DUCT ADAPTERS FOR GRILLES TO MATCH DUCT SIZES.

INFECTION CONTROL RISK ASSESSMENT (ICRA) REQUIREMENTS:

1. THE CONTRACTOR SHALL COMPLY WITH ALL ICRA TRAINING AND PROCEDURES AS SET FORTH BY THE HOSPITAL'S ICRA REPRESENTATIVE. THE CONTRACTOR IS REQUIRED TO REQUEST, BE FAMILIAR WITH, AND REQUIRE HIS EMPLOYEE'S FULL COMPLIANCE.

AIR SEPARATORS

DESIGNATION	REFERENCE PRODUCT	LOCATION	SERVES	TYPE	PIPE DIAMETER (IN.)	WATER FLOW RATE (GPM)	WATER PRESSURE DROP (FT. OF HEAD)	REMARKS
AS-1	SPIROTHERM VHR 600	MECHANICAL ROOM	CHILLED WATER	HIGH VELOCITY	6	555	3.6	
AS-2	SPIROTHERM VHR 300	MECHANICAL ROOM	HEATING WATER	HIGH VELOCITY	3	150	2.8	

NOTES:
1. ACCEPTABLE MANUFACTURERS: ARMSTRONG, BELL & GOSSETT, AND SPIROTHERM.
2. PROVIDE SEISMIC ANCHOR BRACKETS.

AIR FLOW MEASURING STATIONS

DESIGNATION	REFERENCE PRODUCT	SERVES	TYPE	DUCT HEIGHT (IN.)	DUCT WIDTH (IN.)	MAXIMUM AIR FLOW RATE (CFM)	MINIMUM AIR FLOW RATE (CFM)	AIR PRESSURE DROP (IN. H2O)	UPSTREAM / DOWNSTREAM STRAIGHT DUCT (FT.)	REMARKS
AFM-1	PARAGON FE-1000	AIR HANDLING UNIT AHU-1	AVERAGING ELEMENT	12	40	3,200	400	0.04	3 / 3	

NOTES:
1. ACCEPTABLE MANUFACTURERS: PARAGON, APPROVED EQUAL.
2. PROVIDE WITH TEST READOUT KIT.
3. PROVIDE WITH MOUNTING BRACKET KIT, INCLUDING DUCT ADAPTERS.

FAN COIL UNITS

DESIGNATION	REFERENCE PRODUCT	TYPE	SERVES	AIRFLOW DATA			COOLING DATA					HEATING DATA					ELECTRICAL DATA		REMARKS
				TOTAL AIRFLOW (CFM)	EXTERNAL PRESSURE (IN. WATER)	FILTER TYPE	COOLING TOT/SENS (MBH)	AIR EDB/EWB (DEG. F)	WATER EWT/LWT (DEG. F)	WATER FLOW RATE (GPM)	WATER PRESSURE DROP (FT. WATER)	TOTAL CAPACITY (MBH)	AIR EDB (DEG. F)	WATER EWT/LWT (DEG. F)	WATER FLOW RATE (GPM)	WATER PRESSURE DROP (FT. WATER)	VOLTS / PHASE	WATTS / MCA	
FCU-1	TRANE FCDB 100	HORIZONTAL CABINET	MECH. ROOM	885	---	1" THROWAWAY	21.3 / 16.4	80 / 67	45 / 55	4.4	7.8	37.7	65	180 / 150	2.5	27.0	115 / 1	225 / 1.3	BOTTOM STAMPED LOUVER, FRONT QUAD GRILLE
FCU-2	TRANE FCCB 060	HORIZONTAL CONCEALED	ELECT. ROOM	665	0.3	1" THROWAWAY	15.8 / 12.1	80 / 67	45 / 55	3.3	15.3	---	---	---	---	---	115 / 1	245 / 3.3	HIGH STATIC MOTOR, COOLING ONLY
FCU-3	TRANE FCCB 100	HORIZONTAL CONCEALED	ELECT. ROOM	1230	0.3	1" THROWAWAY	33.9 / 24.5	80 / 67	45 / 55	7.1	24.2	---	---	---	---	---	115 / 1	530 / 4.3	HIGH STATIC MOTOR, COOLING ONLY
FCU-4	TRANE FCDB 100	HORIZONTAL CABINET	MECH. ROOM	885	---	1" THROWAWAY	21.3 / 16.4	80 / 67	45 / 55	4.4	7.8	37.7	65	180 / 150	2.5	27.0	115 / 1	225 / 1.3	BOTTOM STAMPED LOUVER, FRONT QUAD GRILLE

NOTES:
1. ACCEPTABLE MANUFACTURERS: MCQUAY, INTERNATIONAL, TRANE, USA, AND ENVIROTEC.
2. HEATING COIL SHALL BE IN THE REHEAT POSITION.
3. PROVIDE FAN COIL UNIT WITH ONE ADDITIONAL FILTER TO BE INSTALLED AT PROJECT COMPLETION.

REVISIONS

DATE

△	"As-Built" Document Revisions	10/08/12

AS-BUILT DRAWINGS

This document has been prepared based on As-Built information provided by others. Those relying on this document are advised to obtain independent verification of its accuracy before using it for any purpose.

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Drawing Title

Mechanical
Schedules

Approved: Project Director

Project Title

Outpatient Mental Health Improvements
Overton Brooks
Veterans Administration Medical Center

Location

Shreveport, Louisiana

Date

01/20/2010

Checked

JPRP

Drawn

EAS

Project Number

667-081

Building Number

Bldg. 1, South Wing

Drawing Number

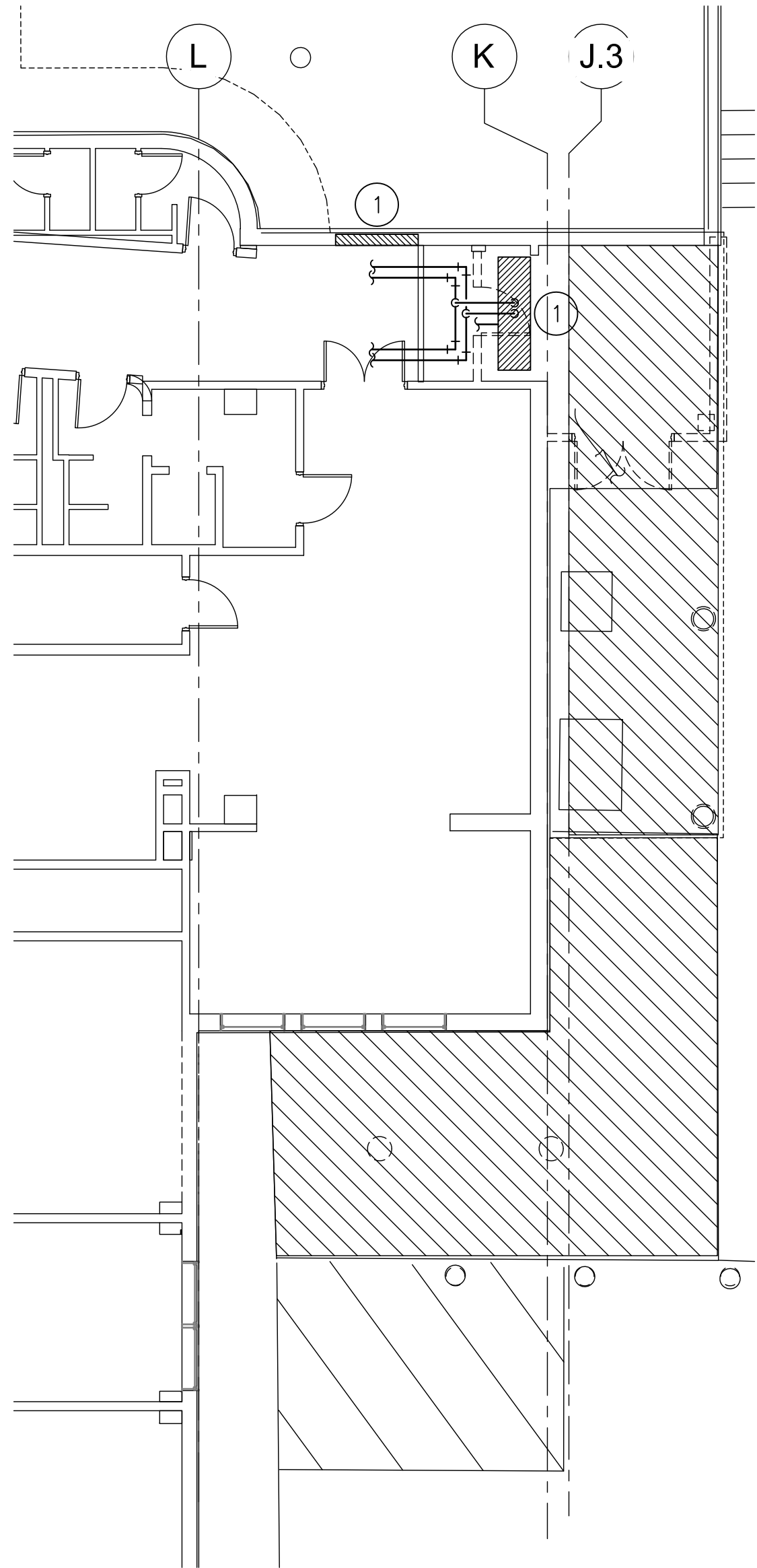
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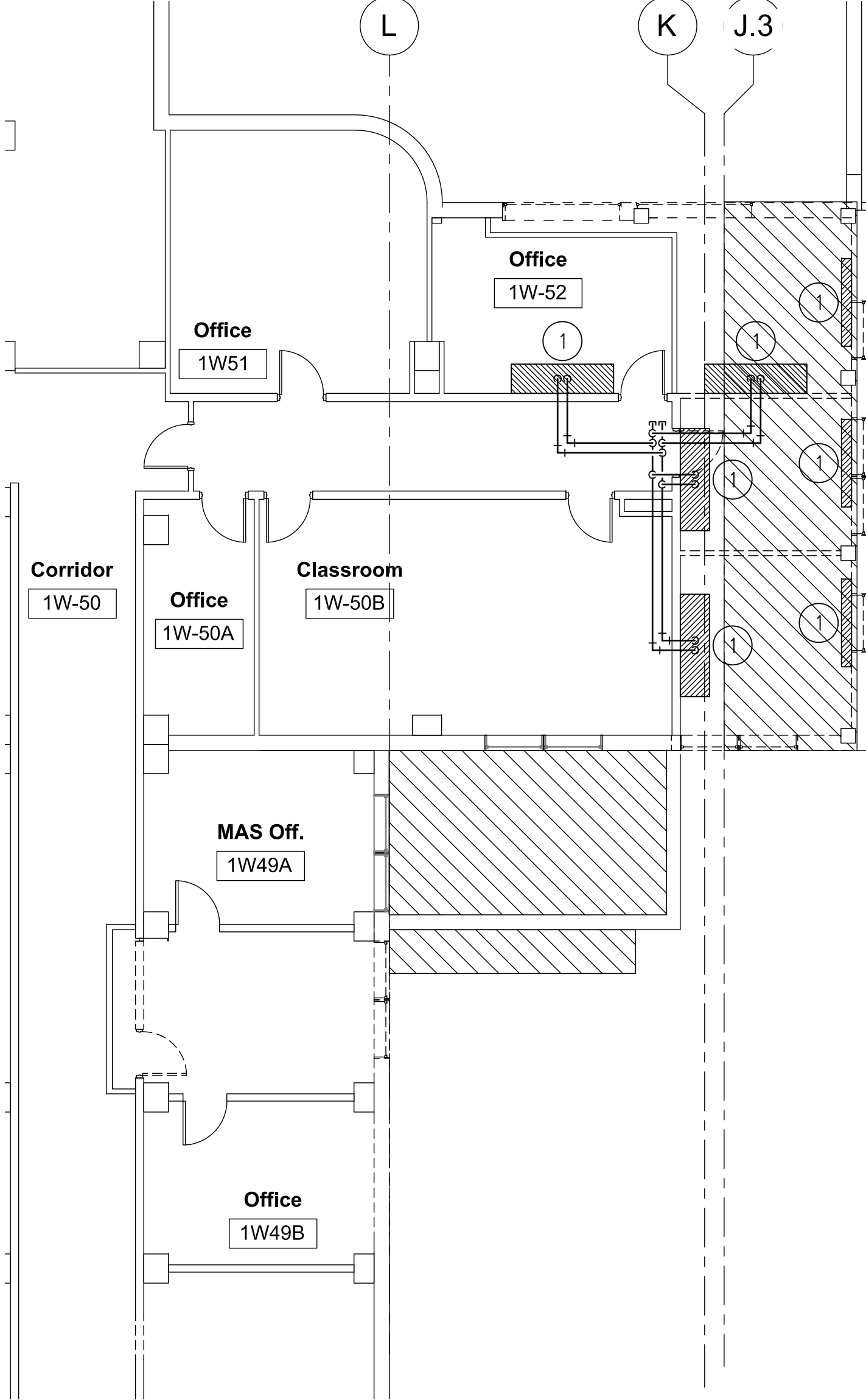
Office of
Facility
Management

100% Submittal

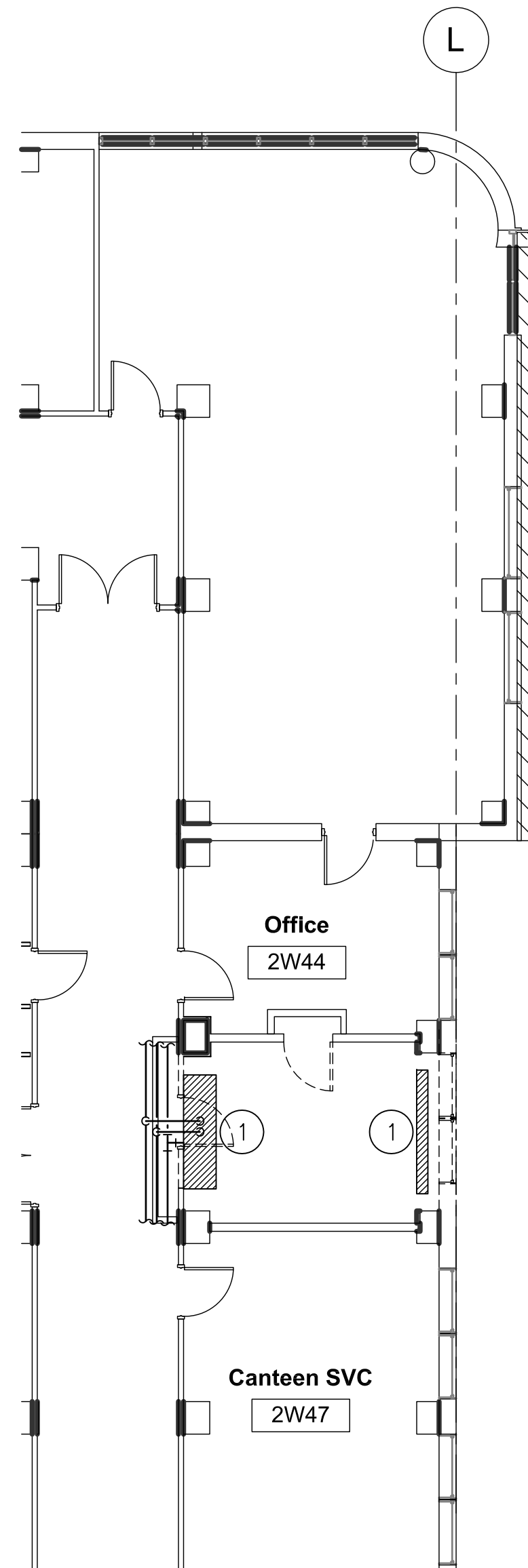
A
three inches = one foot
6"
1
B
one and one half inch = one foot
6"
0
2
C
three quarters inch = one foot
0
4
D
one half inch = one foot
0
E
one quarter inch = one foot
0
F
one eighth inch = one foot
0
16
8
4



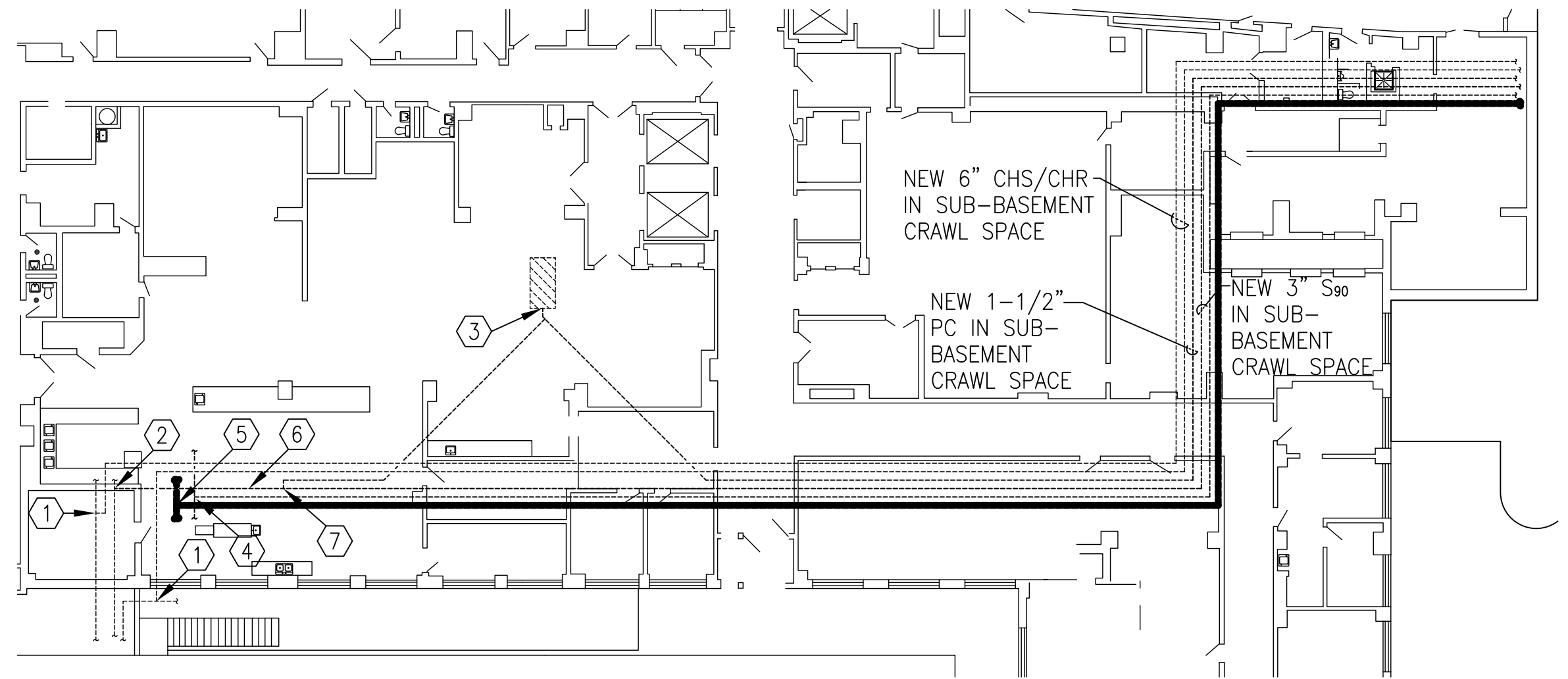
1 Mechanical Basement Demolition Plan
1/8" = 1'-0"



2 Mechanical First Floor Demolition Plan
1/8" = 1'-0"



3 Mechanical Second Floor Demolition Plan
1/8" = 1'-0"



5 Mechanical Basement / Sub-Basement Floor Plan
1" = 20'-0"

GENERAL NOTES:

1. OWNER SHALL HAVE FIRST RIGHT OF REFUSAL FOR ALL EQUIPMENT, MATERIALS, ETC. TO BE REMOVED.

KEYED DEMOLITION NOTES:

- 1 REMOVE EXISTING HVAC EQUIPMENT, ASSOCIATED DUCTWORK, PIPING, CONTROLS, ETC. COMPLETE BACK TO MAIN BRANCH PIPING CONNECTION POINTS. VALVE AND CAP ALL PIPING NOT BEING RE-CONNECTED TO WITH NEW EQUIPMENT. RE-CONNECT DUCTWORK TO NEW EQUIPMENT WHERE INDICATED.

KEYED NOTES:

- 1 CONNECT NEW 6" CHS/CHR PIPING TO EXISTING 10" CHS/CHR PIPING AS INDICATED. PROVIDE NEW TAPS AND VALVES.
- 2 CONNECT NEW 3" S₉₀ PIPING TO EXISTING STEAM PIPING OF THE EXISTING 90-TO-45 PSIG PRESSURE REDUCING VALVE. PROVIDE NEW TAP AND VALVE.
- 3 CONNECT NEW 1-1/2" PC LINE TO EXISTING GRAVITY LINE JUST BEFORE EXISTING PIPING CONNECTION TO EXISTING PUMPED GRAVITY CONDENSATE TANK. PROVIDE NEW TAP AND VALVE. SLOPE PIPING TO CONDENSATE TANK.
- 4 CONNECT 2-1/2" DOMESTIC COLD WATER PIPING TO EXISTING BOOSTER PUMP SYSTEM PIPING AT THIS LOCATION. SEE PLUMBING PLANS.
- 5 CONNECT NEW 6" FIRE PROTECTION PIPING TO EXISTING FIRE PROTECTION RISER SYSTEM AT THIS LOCATION. SEE PLUMBING PLANS.
- 6 PROVIDE STEAM FLOW METER AT THIS LOCATION.
- 7 PROVIDE 8" DEEP STEAM DRIP LEG TRAP AT THIS LOCATION. PROVIDE ST-1, SHUT-OFF VALVES, AND PIPE 3/4" CONDENSATE DRAIN LINE TO GRAVITY CONDENSATE DRAIN TANK REFERRED TO IN KEYED NOTE #3. SLOPE TO TANK.

INFECTION CONTROL RISK ASSESSMENT (ICRA) REQUIREMENTS:

1. THE CONTRACTOR SHALL COMPLY WITH ALL ICRA TRAINING AND PROCEDURES AS SET FORTH BY THE HOSPITAL'S ICRA REPRESENTATIVE. THE CONTRACTOR IS REQUIRED TO REQUEST, BE FAMILIAR WITH, AND REQUIRE HIS EMPLOYEE'S FULL COMPLIANCE.

REVISIONS		DATE	AS-BUILT DRAWINGS This document has been prepared based on As-Built information provided by others. Those relying on this document are advised to obtain independent verification of its accuracy before using it for any purpose.	CONSULTANTS: Jacobs Engineering JACOBS 10816 EXECUTIVE CENTER DRIVE, SUITE 300 LITTLE ROCK, ARKANSAS 72114-3833 PHONE (501) 223-0515 FAX (501) 223-2470 JACOBS PROJECT NO: F3W81800	ARCHITECT/ENGINEERS: Tompkins Architects, LLC  612 N.W. Kay Drive Lee's Summit, Missouri 64063 Phone: (816) 525-9833 Fax: (816) 524-9005 Email: jet@tom-arch.com  STUCK associates ARCHITECTS Phone: (501) 378-0059 www.stuckarch.com 1308 South Main Street Little Rock, Arkansas 72202	Drawing Title Mechanical Demolition and Existing Plans		Project Title Outpatient Mental Health Improvements Overton Brooks Veterans Administration Medical Center		Project Number 667-081		Office of Facility Management 100% Submittal	
RFI NO. 006		1/20/10						Approved: Project Director		Location Shreveport, Louisiana			Building Number Bldg. 1, South Wing
						Date 01/20/2010				Checked JPRP	Drawn EAS		Drawing Number MD101 Dwg. 70 of 123

A
three inches = one foot
B
one and one half inch = one foot
C
three quarters inch = one foot
D
one half inch = one foot
E
one quarter inch = one foot
F
one eighth inch = one foot

LEGEND (ALL SYMBOLS MAY NOT BE USED)

ABBREVIATIONS

AC	ABOVE COUNTER	NO	NUMBER
ACU	AIR CONDITIONING UNIT	OA	OUTSIDE AIR
AFF	ABOVE FINISHED FLOOR	OD	OUTSIDE DIAMETER/DIMENSION
AFC	ABOVE FINISHED CEILING		
AFG	ABOVE FINISHED GRADE	PSI	POUNDS PER SQUARE INCH
AHJ	AUTHORITY HAVING JURISDICTION	PRESS	PRESSURE
AHU	AIR HANDLING UNIT	RECIRC	RECIRCULATE
APPROX	APPROXIMATE	QTY	QUANTITY
BC	BELOW COUNTER	RA	RETURN AIR
BFF	BELOW FINISHED FLOOR	SPEC	SPECIFICATION
BFG	BELOW FINISH GRADE	SP	STATIC PRESSURE
CMPR	COMPRESSOR	TEMP	TEMPERATURE
DEG (°)	DEGREE	TFD	TO FLOOR DRAIN
DIA	DIAMETER	THK	THICK (–NESS)
ELEV	ELEVATION	TSTAT	THERMOSTAT
FPM	FEET PER MINUTE	TOT	TOTAL
FPS	FEET PER SECOND	VAC	VACUUM
GAL	GALLONS	VEL	VELOCITY
GPH	GALLONS PER HOUR	VERT	VERTICAL
GPD	GALLONS PER DAY	VLV	VALVE
HT	HEIGHT	VOL	VOLUME
HP	HORSEPOWER	VTR	VENT THRU ROOF
ID	INSIDE DIAMETER/DIMENSION	WTR	WATER
KW	KILOWATT	WT	WEIGHT
LBS	POUNDS		
LF	LINEAR FEET		
MAX	MAXIMUM		
NA	NOT APPLICABLE		

DOMESTIC WATER & FIRE PROTECTION

	DOMESTIC COLD WATER
	DOMESTIC HOT WATER (110°F)
	DOMESTIC HOT WATER RETURN
	FP WATER FIRE PROTECTION

DOMESTIC SEWER

	SANITARY SEWER
	SEWER VENT
	SPD SUMP PUMP DISCHARGE SEWER
	SD PRIMARY STORM DRAIN SEWER
	FCO FLOOR CLEANOUT (SIZE SHALL BE SAME AS CARRIER PIPE UP TO 4")
	COIG CLEANOUT TO GRADE (SIZE SHALL BE SAME AS CARRIER PIPE UP TO 4")
	DCOIG DOUBLE CLEANOUT TO GRADE (SIZE SHALL BE SAME AS CARRIER PIPE UP TO 4")
	WCO WALL CLEANOUT

PLUMBING SYMBOLS

	ELBOW DOWN
	OR RISER UP
	PIPE DOWN
	TEE (TOP,SIDE,BOTTOM)
	UNION CONNECTION
	CHECK VALVE
	ISOLATION VALVE (VERTICAL INSTALLATION)
	ISOLATION VALVE
	HWR CIRCUIT FLOW CONTROL VALVE
	REDUCED PRESSURE ZONE BACKFLOW ASSEMBLY (RZBP)
	4"RD PRIMARY ROOF DRAIN
	HOSE BIBB
	NEW PLUMBING FIXTURE
	AAV AIR ADMITTANCE VALVE (MAXI STUDOR VENT)
	OR FLOOR DRAIN (FD)
	FLOOR SINK (FS) FULL GRATE
	FLOOR SINK (FS) ½ GRATE
	FLOOR SINK (FS) ¾ GRATE

INFECTION CONTROL RISK ASSESSMENT ICRA REQUIREMENTS

1. THE CONTRACTOR SHALL COMPLY WITH ALL ICRA TRAINING AND PROCEDURES AS SET FORTH BY THE HOSPITAL'S ICRA REPRESENTATIVE. THE CONTRACTOR IS REQUIRED TO REQUEST, BE FAMILIAR WITH, AND REQUIRE HIS EMPLOYEE'S FULL COMPLIANCE.

GENERAL NOTES

- ALL PLUMBING AND NATURAL GAS WORK SHALL BE INSTALLED AND COMPLY WITH THE REQUIREMENTS OF THE "2006 INTERNATIONAL PLUMBING CODE", "2006 ED. INTERNATIONAL FUEL GAS CODE", LATEST EDITION OF NFPA, ALL CODES AND ORDINANCES GOVERNED BY AUTHORITY HAVING JURISDICTION (AHJ) AND DIVISION 15 SPECIFICATION.
- ALL DRAWINGS ARE DIAGRAMMATIC AND INDICATE THE GENERAL ARRANGEMENTS OR GEOMETRIC RELATIONSHIPS OF EQUIPMENT AND SERVICES. THEY ARE NOT INTENDED TO SPECIFY OR SHOW EVERY OFFSET, FITTING OR COMPONENT. CONTRACTOR SHALL NOT SCALE DRAWINGS. INFORMATION AND COMPONENTS SHOWN ON RISER DIAGRAMS OR DETAILS, BUT NOT SHOWN ON PLANS, AND VICE-VERSA, SHALL BE PROVIDED AS IF EXPRESSLY REQUIRED BY BOTH. THE CONTRACTOR SHALL SUBMIT A REQUEST FOR INFORMATION (RFI) IF INFORMATION CONFLICTS. DRAWINGS SPECIFIC TO THIS DISCIPLINE DO NOT LIMIT THE RESPONSIBILITY OF WORK REQUIRED BY CONTRACT DOCUMENTS. REFER TO ARCHITECTURAL, STRUCTURAL, ELECTRICAL AND OTHER DRAWINGS FOR COMPLETE INFORMATION.
- BY NECESSITY, THESE DRAWINGS REFLECT A SYSTEM DESIGNED AROUND SPECIFIC REFERENCE PRODUCTS, THE SELECTION OF WHICH HAS IMPACTED THE DESIGNS OF OTHER TRADES (HVAC, ELECTRICAL, STRUCTURAL, ETC.). IF ALTERNATE MANUFACTURERS, FUEL SOURCES, SIZES, OR MODEL NUMBERS ARE SUBMITTED OR BID, IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR AND ALL SUBCONTRACTORS TO COORDINATE ALL DIFFERENCES PRIOR TO BID. NO EXTRAS WILL BE ALLOWED FOR CHANGES REQUIRED TO OTHER TRADES IF ALTERNATE EQUIPMENT IS BID OR INSTALLED AT THE CONTRACTORS OPTION.
- EXCEPT WHERE MODIFIED BY SPECIFIC NOTATION TO THE CONTRARY, IT SHALL BE UNDERSTOOD THAT THE INDICATION AND/OR DESCRIPTION OF ANY ITEM, IN THE DRAWINGS OR SPECIFICATIONS OR BOTH, CARRIES WITH IT THE INSTRUCTION TO FURNISH AND INSTALL THE ITEM, REGARDLESS OF WHETHER OR NOT THIS INSTRUCTION IS EXPLICITLY STATED AS PART OF THE INDICATION OR DESCRIPTION.
- CONTRACTOR SHALL PAY ALL UTILITY FEES & CHARGES AS PART OF BASE BID IN THE CONTRACT.
- THE CONTRACTOR SHALL VISIT SITE AND VERIFY CONDITIONS PRIOR TO BIDDING.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL WORK WITH THAT OF OTHER TRADES; i.e., ARCHITECTURAL, HVAC, ELECTRICAL, STRUCTURAL, FIRE PROTECTION AND CIVIL PRIOR TO CONSTRUCTION.
- THE CONTRACTOR SHALL COORDINATE UTILITY LOCATIONS, SIZES AND INVERT ELEVATIONS PRIOR TO CONSTRUCTION; i.e., SANITARY SEWER, STORM DRAIN, FIRE PROTECTION, DOMESTIC WATER AND NATURAL GAS. ALL SERVICES SHALL TERMINATE 5 FEET OUTSIDE THE BUILDING, EXCEPT WHERE SHOWN OTHERWISE. SEE SITE CIVIL DRAWINGS FOR CONTINUATION OF ALL SERVICE LINES.
- PROVIDE ISOLATION VALVES AT EACH FIXTURE GROUP OR BATTERY OF FIXTURES IN THE DOMESTIC CW, HW, HWR AND GAS PIPING. VALVES SHALL BE EASILY ACCESSIBLE. WHERE HARD CEILINGS ARE LOCATED, VALVES SHALL BE ACCESSED THROUGH ACCESS PANELS. ACCESS PANELS SHALL BE COORDINATED WITH ARCHITECT PRIOR TO CONSTRUCTION. WHERE ATTIC WALKS ARE PROVIDED, THE ISOLATION VALVES SHALL BE LOCATED NOT MORE THAN 3 FEET FROM WALKS.
- PROVIDE STOP VALVES AT ALL PLUMBING FIXTURES ON BOTH HOT AND COLD WATER SUPPLY LINES. VALVES, ESCUTCHEONS, FITTINGS, ETC., SHALL BE CHROME PLATED AND INSTALLED TIGHT TO WALL. WHERE PIPING IS EXPOSED, CHROME PLATED PIPE SHALL BE USED.
- SLOPE 2½" AND SMALLER SANITARY SEWER LINES AT MIN, (2%) ¼" FALL PER FT. AND 3" AND LARGER SANITARY SEWER LINES AT MIN. (1%) ⅝" FALL PER FT. SANITARY SEWER AND WATER SHALL BE A MINIMUM OF 10' APART OR THE DOMESTIC WATER SERVICE SHALL BE 12" ABOVE THE TOP OF THE SEWER LINE, AT ITS HIGHEST POINT, IF PLACED IN SAME TRENCH.
- PROVIDE ALL FITTINGS, TRANSITIONS, COUPLINGS, ADAPTERS, UNIONS, AND OTHER ACCESSORIES NEEDED TO COMPLETE CONNECTIONS AND PROPER OPERATIONS OF PLUMBING FIXTURES AND PLUMBING EQUIPMENT.
- REFER TO SPECIFICATIONS FOR ACCEPTABLE MANUFACTURERS OF PLUMBING FIXTURES AND EQUIPMENT, AND PROPER APPLICATIONS OF SAME.
- PROVIDE CLEANOUTS IN ALL SEWERS, WHETHER SHOWN OR NOT, AT INTERVALS NOT TO EXCEED 100 FEET, AT EACH CHANGE OF DIRECTION GREATER THAN 45 DEGREES, AND AT THE BASE OF ON ALL VERTICAL RISER STACKS (APPROX 24" ABOVE FINISH FLOOR).
- WHERE WATER PRESSURES EXCEED 80 PSI, PROVIDE WATER PRESSURE REDUCING VALVES (PRV) WITH STRAINER IN WATER SUPPLY LINES, SETTING AT 80 PSI. SEE CODE AND MANUFACTURER INFORMATION FOR ACCEPTABLE PRESSURE REQUIREMENTS.
- ALL PIPING PENETRATIONS OF THE RATED CEILING AND WALL MUST BE MADE WITH METAL PIPE OR UL LISTED APPROVED DEVICES. FIRE STOP ALL PIPE PENETRATIONS THRU RATED WALLS. SEE ARCHITECTURAL DRAWINGS FOR LOCATIONS, RATINGS AND FIRE STOPPING DETAILS.
- DO NOT ROUTE ANY PIPING OVER ELEC. ROOMS, COMPUTER ROOMS, OR ELEC. PANELS.
- MAINTAIN 10"–0" MINIMUM CLEARANCE BETWEEN FRESH AIR INTAKES, OPERABLE WINDOWS AND FLUES, PLUMBING VENTS AND GAS REGULATORS.
- ALL STORM DRAIN, CONDENSATE DRAIN, SEWER & VENT PIPING SHALL BE RODDED AND CLEANED AT END OF CONSTRUCTION. ALL TRAPS SHALL BE CLEANED AND PRIMED AT END OF CONSTRUCTION.
- ALL PIPE DROPS FROM CEILING PLENUM TO FLOOR SHALL BE MADE IN FURROUTS AT COLUMNS, IN WEB OF BEAMS AT COLUMNS OR IN WALLS. PIPING SHALL BE CONCEALED UNLESS APPROVED BY ARCHITECT.
- PROVIDE WATER HAMMER ARRESTORS IN FIXTURE BRANCHES WHERE QUICK CLOSING VALVES ARE INSTALLED; i.e., FLUSH VALVES, ICE MAKERS, DISHWASHERS, ETC.
- BELOW SLAB WATER PIPE TO BE TYPE "K" SOFT DRAWN COPPER WITHOUT FITTINGS OR JOINTS. SLEEVE IN ENTIRETY WITH ARMAFLEX OR APPROPRIATE POLYETHYLENE SLEEVE MATERIAL.
- PROVIDE APPROVED BACKFLOW PREVENTION OR ANTI-SIPHON DEVICES AT ALL FIXTURES THAT COULD CONTAMINATE THE POTABLE WATER SYSTEM.
- INSULATE ALL WATER, CONDENSATE, STORM DRAIN PIPING (VERTICAL AND HORIZONTAL) AND ROOF DRAIN BODIES ABOVE FINISH FLOOR. SEE DIVISION 15 SPECIFICATIONS FOR THICKNESS SCHEDULE.
- INSULATE ALL EXPOSED HOT WATER & DRAIN PIPING FOR ACCESSIBLE FIXTURES PER ANSI A117.1 AND ADA REQUIREMENTS.
- ALL EXPOSED MATERIALS INSTALLED WITHIN RETURN AIR PLENUMS SHALL BE NONCOMBUSTIBLE OR SHALL BE ENCLOSED IN MATERIALS LISTED AS HAVING A FLAME SPREAD

FIRE PROTECTION NOTES

- FIRE SPRINKLER AND CLASS I STANDPIPE SYSTEM SHALL BE DESIGNED AND INSTALLED PER THE REQUIREMENTS OF NFPA 13, NFPA 14 AND NFPA 24, AND ANY APPLICABLE LOCAL CODES AND ORDINANCES.
- SPRINKLER SYSTEM WORKING DRAWINGS SHALL BE SUBMITTED TO LOCAL AND STATE AHJ AS REQUIRED AND TO OWNER'S INSURANCE COMPANY FOR APPROVAL.
- COORDINATE WITH ELECTRICAL CONTRACTOR FOR THE INSTALLATION OF ALARMS, PANELS, FLOW SWITCHES, AND TAMPER SWITCHES.
- COORDINATE INSTALLATION OF SPRINKLER SYSTEM WITH OTHER DISCIPLINES SUCH THAT REWORKING OF SYSTEM CAN BE AVOIDED. ANY REWORKING REQUIRED DUE TO NON-COORDINATION SHALL BE DONE AT NO EXPENSE TO THE OWNER.
- ALL AREAS OF THIS FACILITY TO RECEIVE SPRINKLERS SHALL BE FULLY SPRINKLED AS PER THE REQUIREMENTS OF NFPA 13.
- PROVIDE SPRINKLER COVERAGE AS SPECIFIED IN SPEC. SECTION 211313. (SPRINKLER CONTRACTOR SHALL VERIFY ALL OCCUPANCY CLASSIFICATIONS AS PART OF BASE BID).
- PROVIDE SPRINKLERS AS FOLLOWS:
 - RECESSED HEADS, WHITE WITH WHITE ESCUTCHEON.
 - ALL AREAS WITH CEILINGS
 - ROOMS WITHOUT CEILINGS SHALL BE BRONZE UPRIGHT.
 - SPRINKLERS WITHIN MECHANICAL, ELECTRICAL, AND STORAGE ROOMS SHALL HAVE GUARDS.
 - AREAS WITH HIGH HUMIDITY SHALL BE CORROSION RESISTANT PROTECTED.
 - NO SPRINKLER REQUIRED AT TOP OF ELEVATOR SHAFT.
- SPRINKLERS SHALL BE CENTERED IN LONG AXIS OF CEILING TILES.
- SPRINKLERS TO BE QUICK RESPONSE.
- ALL VALVES SHALL BE ELECTRICALLY SUPERVISED, PER NFPA 13.
- CONTRACTOR TO PERFORM HYDRAULIC FLOW TEST AND SUBMIT WITH THE HYDRAULIC CALCULATIONS. DATA IS TO INCLUDE DATE AND TIME THAT FLOW TEST WAS PERFORMED.
- ALL SPRINKLER PIPING TO BE PLACED BELOW BLDG. INSULATION.
- SPRINKLER DESIGNER SHALL VERIFY FLOW PRESSURE AND CONDITIONS AT SITE PRIOR TO DESIGN, AND COORDINATE WITH THE LOCAL GOVERNING AUTHORITY.
- SPRINKLER SYSTEM PIPING AND COMPONENTS SHALL HAVE SEISMIC PROTECTION AS REQUIRED BY NFPA 13.

POSITIONING OF SPRINKLERS TO AVOID OBSTRUCTIONS OF DISCHARGE	
DISTANCE FROM SPRINKLERS TO SIDE OF OBSTRUCTION	MAXIMUM ALLOWABLE DISTANCE OF DEFLECTOR ABOVE BOTTOM OF OBSTRUCTION (IN.)
LESS THAN 1 FT.	0
ONE FT. TO LESS THAN 1 FT. 6 IN.	2 1/2
1 FT. 6 IN. TO LESS THAN 2 FT.	3 1/2
2 FT. TO LESS THAN 2 FT. 6 IN.	5 1/2
2 FT. 6 IN. TO LESS THAN 3 FT.	7 1/2
3 FT. TO LESS THAN 3 FT. 6 IN.	9 1/2
3 FT. 6 IN. TO LESS THAN 4 FT.	12
4 FT. TO LESS THAN 4 FT. 6 IN.	14
4 FT. 6 IN. TO LESS THAN 5 FT.	16 1/2
5 FT. AND GREATER	18

REVISIONS		DATE

AS-BUILT DRAWINGS
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Drawing Title	General Notes and Schedules	
Approved: Project Director		

Project Title Outpatient Mental Health Improvements Overton Brooks Veterans Administration Medical Center		Project Number 667-081	
Location Shreveport, Louisiana		Building Number Bldg. 1, South Wing	
Date 01/20/2010	Checked SEH	Drawn EAS	Drawing Number P001
		Dwg. 92 of 123	

Office of
Facility
Management

100% Submittal

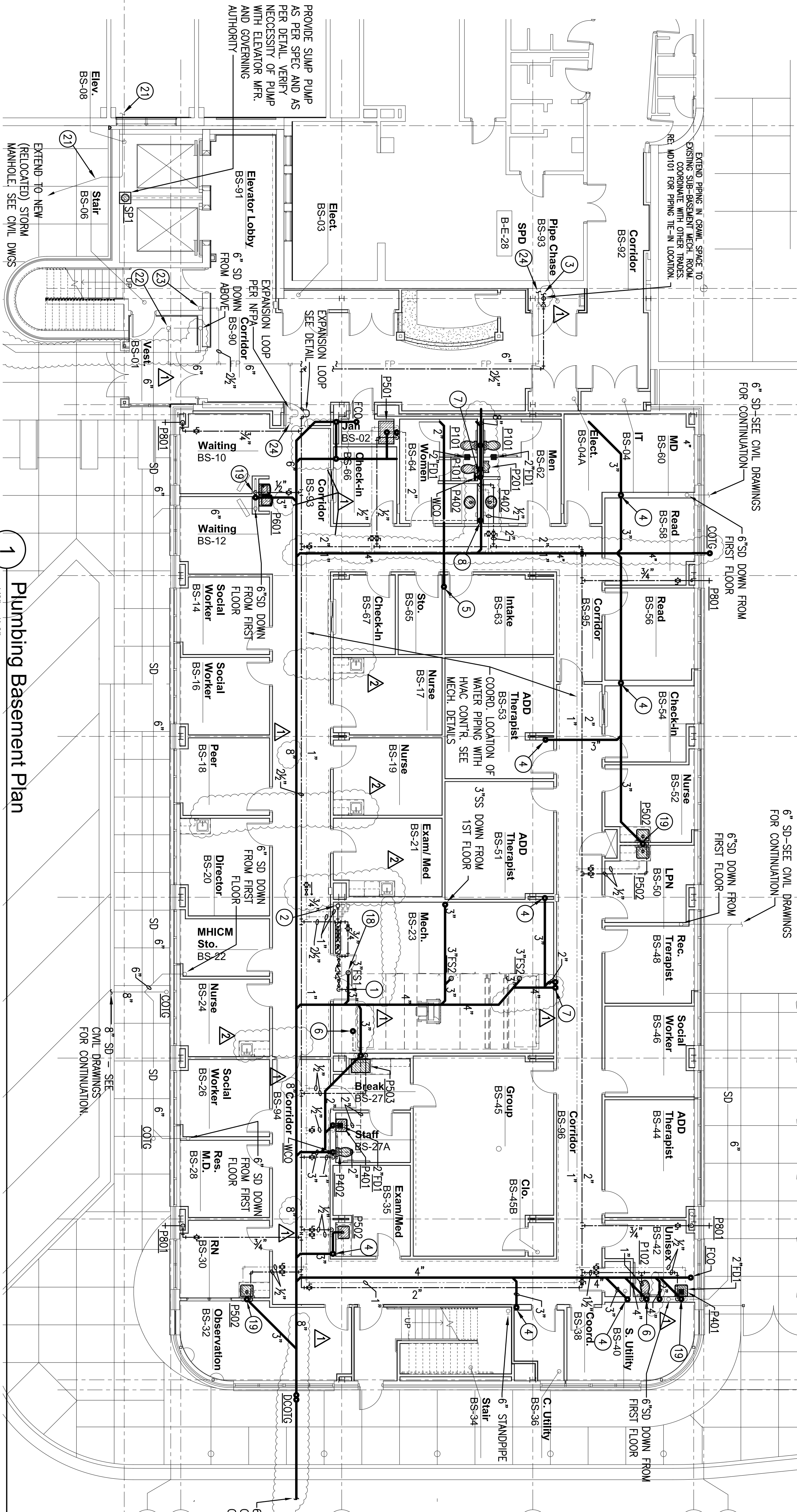
CONSTRUCTION SET 01/20/2010

INFECTION CONTROL RISK ASSESSMENT ICRA REQUIREMENTS

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GENERAL NOTES

1. COORDINATE INSTALLATION CLOSELY WITH OTHER TRADES. FLOOR TO FLOOR CLEARANCE IS TIGHT FOR THIS FACILITY. REFER TO MECHANICAL SHEETS FOR SECTION VIEWS INDICATING GENERAL INSTALLATION.



KEYED NOTES:

- ① 1" CW TO HVAC HEATING WATER MAKE-UP WATER CONNECTION. SEE HVAC DRAWINGS.
- ② 2½" CW, ¾" HWR UP TO FIRST FLOOR. ¾" HW DOWN FROM FIRST FLOOR.
- ③ EXTEND 2½" CW TO EXISTING MECHANICAL ROOM. CONNECT TO DOMESTIC WATER HOUSE PUMP OUTLET PIPING. UPSTREAM OF PRESSURE REGULATOR. PROVIDE NEW SHUT-OFF VALVE AND PRESSURE REGULATOR. SET REGULATOR FOR 75 PSI.
- ④ PROVIDE 3" WASTE STACK VENT. EXTEND UP THRU FIRST FLOOR. SEE FIRST FLOOR PLAN.
- ⑤ PROVIDE 2" WASTE STACK VENT. EXTEND UP THRU FIRST FLOOR.
- ⑥ 3" VENT UP THRU FIRST FLOOR.
- ⑦ 4" S.S. STACK DOWN FROM FIRST FLOOR.
- ⑧ 3" S.S. STACK DOWN FROM FIRST FLOOR.
- ⑨ 4" S.S. STACK DOWN TO BASEMENT. CAP BELOW ROOF.
- ⑩ 3" VENT STACK UP FROM BASEMENT. 3" YTR.
- ⑪ 3" WASTE STACK VENT UP FROM BASEMENT. PROVIDE 3" AIR ADMITTANCE VALVE ABOVE CEILING.
- ⑫ 4" S.S. STACK.
- ⑬ ARM-OVER 1½" DRAIN TO SINK.
- ⑭ EXTEND 1½" CW, 1½" HW AND 1" HWR TO WH1. SEE WATER HEATER PIPING DETAIL.
- ⑮ 2" WASTE STACK VENT UP FROM BASEMENT. PROVIDE 2" AIR ADMITTANCE VALVE ABOVE CEILING.
- ⑯ 2" WASTE STACK VENT DOWN FROM FIRST FLOOR.
- ⑰ 2" CW, 1¼" HW, 1" HWR CAPPED AND VALVED ABOVE CEILING FOR FUTURE.
- ⑱ PROVIDE 1" RPZ BACKFLOW PREVENTER. 30" A.F.F.
- ⑲ 2" UP TO 2" AIR ADMITTANCE VALVE.
- ⑳ 4" HOUSEKEEPING PAD BY GEN. CONTRACTOR.
- ㉑ CONTRACTOR SHALL EXTEND EXIST. STORM DRAIN. VERIFY EXACT LOCATION, SIZE AND FLOW LINE. COORDINATE ROUTING THRU ELEVATOR SHAFT/FOUNDATION.
- ㉒ 6" FIRE STANDPIPE RISER UP TO FLOOR ABOVE. PROVIDE SUPERVISED ISOLATION CONTROL VALVE FOR EACH STANDPIPE PER NFPA 14.
- ㉓ 2½" DOWN TO HOSE OUTLET AT THIS FLOOR LEVEL. PROVIDE SUPERVISED ISOLATION CONTROL VALVE FOR EACH STANDPIPE PER NFPA 14.
- ㉔ SPRINKLER SUPPLY TO THIS FLOOR.
- ㉕ EXTEND 6" FIRE SERVICE TO EXISTING MECHANICAL ROOM (350 FT. ±) SEE MECH. DWGS FOR ROUTING. CONNECT TO EXIST. FIRE PUMP OUTLET PIPING. AS REQUIRED BY NFPA. PROVIDE NEW CONTROL VALVE AS REQUIRED BY NFPA.
- ㉖ 6" FIRE STANDPIPE RISER UP FROM BELOW. CAP BELOW ROOF (FOR FUTURE). PROVIDE HOSE VALVE AT THIS FLOOR.

Plumbing Basement Plan

1/8" = 1'-0"

REVISIONS

REVISIONS	DATE
As-Built Document Revisions	06/27/12
As-Built Document Revisions	10/08/12

AS-BUILT DRAWINGS

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Project Title

Plumbing Basement Plan

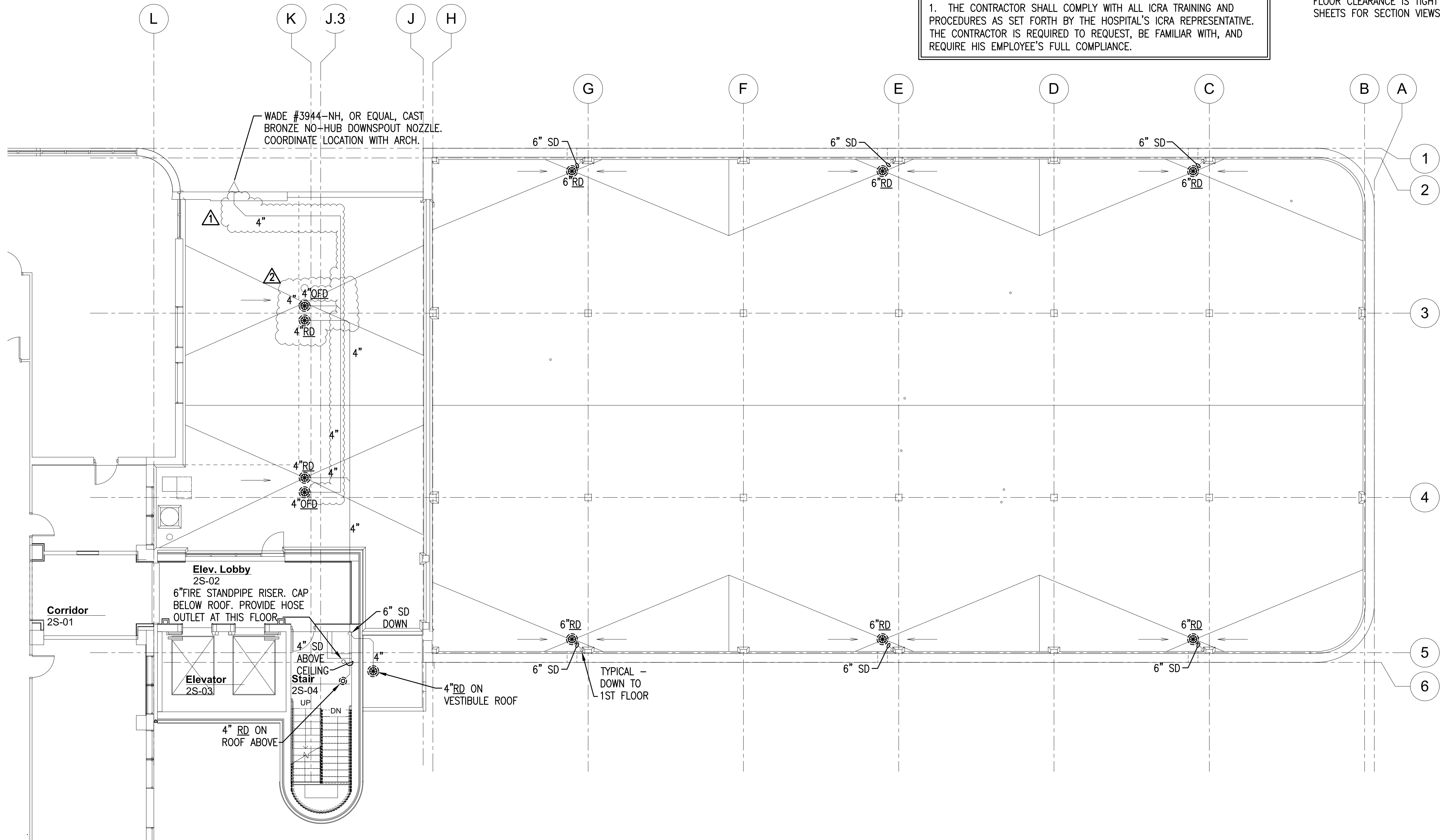
Project Title

Outpatient Mental Health Improvements
Overton Brooks
Veterans Administration Medical Center
Bldg. 1, South Wing
Shreveport, Louisiana
Date: 01/20/2010
Checked: SEH
Drawn: EAS
Drawing Number: P101
Dwg. 93 of 123

Office of

Facility Management
100% Submittal

three inches = one foot
one and one half inch = one foot
three quarters inch = one foot
one half inch = one foot
one quarter inch = one foot
one eighth inch = one foot



INFECTION CONTROL RISK ASSESSMENT ICRA REQUIREMENTS

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GENERAL NOTES

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1 Plumbing Second Floor/Roof Plan
1/8" = 1'-0"

REVISIONS		DATE	AS-BUILT DRAWINGS This document has been prepared based on As-Built information provided by others. Those relying on this document are advised to obtain independent verification of its accuracy before using it for any purpose.	CONSULTANTS: Jacobs Engineering JACOBS 10816 EXECUTIVE CENTER DRIVE, SUITE 300 LITTLE ROCK, ARKANSAS 7211-4383 PHONE (501) 223-0515 FAX (501) 223-2470 JACOBS PROJECT NO: F3W81800	ARCHITECT/ENGINEERS: Tompkins Architects, LLC  612 N.W. Kay Drive Lee's Summit, Missouri 64063 Phone: (816) 525-9833 Fax: (816) 524-9005 Email: jet@tom-arch.com STUCK associates ARCHITECTS <small>Phone: (501) 378-0059 1308 South Main Street www.stuckarch.com Little Rock, Arkansas 72202</small>	Drawing Title Plumbing Second Floor/Roof Plan		Project Title Outpatient Mental Health Improvements Overton Brooks Veterans Administration Medical Center		Project Number 667-081		Office of Facility Management 100% Submittal
	"As-Built" Document Revisions	06/27/12				Approved: Project Director		Location Shreveport, Louisiana		Building Number Bldg. 1, South Wing		
	"As-Built" Document Revisions	10/08/12				Date 01/20/2010		Checked SEH		Drawing Number P103		
						Drawn EAS		Dwg. 95 of 123				

three inches = one foot

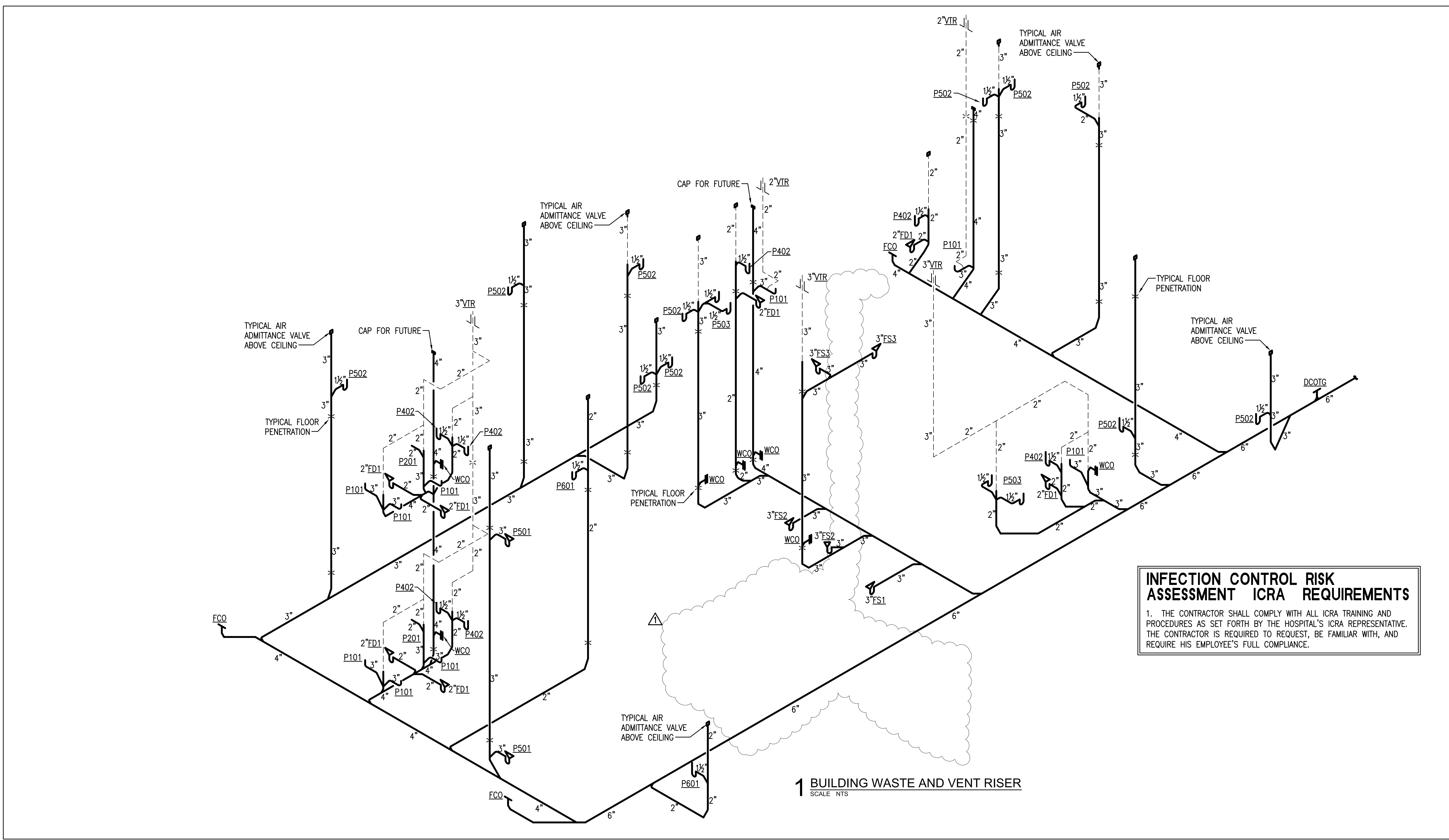
one and one half inch = one foot

three quarters inch = one foot

one half inch = one foot

one quarter inch = one foot

one eighth inch = one foot



INFECTION CONTROL RISK ASSESSMENT ICRA REQUIREMENTS

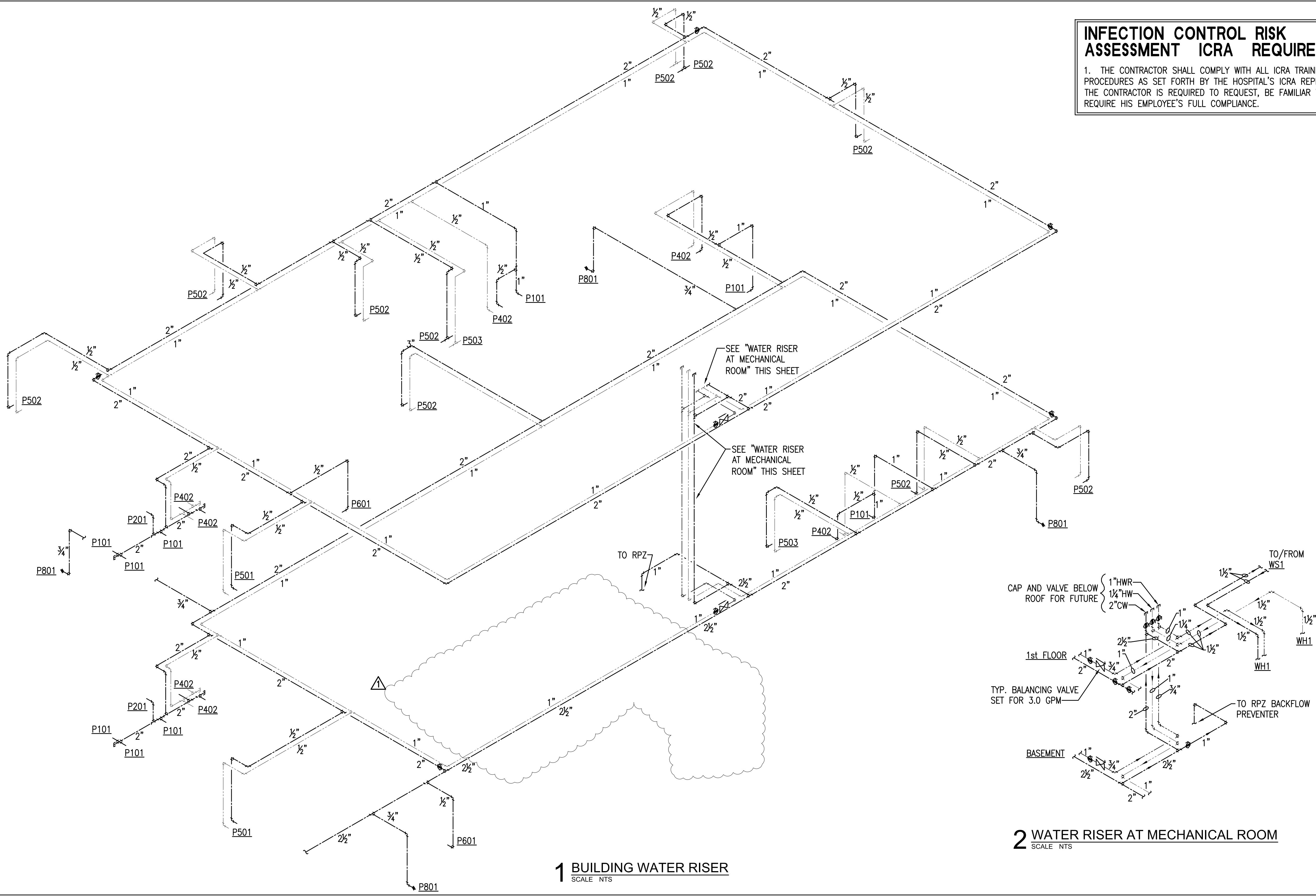
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"As-Built" Document Revisions		10/08/12				Approved: Project Director		Location Shreveport, Louisiana		Building Number Bldg. 1, South Wing		
						Date 01/20/2010		Checked SEH		Drawing Number P201		
										Dwg. 96 of 123		
								Drawn EAS				

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INFECTION CONTROL RISK ASSESSMENT ICRA REQUIREMENTS
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1 BUILDING WATER RISER
SCALE: NTS

2 WATER RISER AT MECHANICAL ROOM
SCALE: NTS

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	"As-Built" Document Revisions	10/08/12				Approved: Project Director		Location Shreveport, Louisiana		Building Number Bldg. 1, South Wing		
						Date 01/20/2010		Checked SEH		Drawing Number P202		
								Drawn EAS		Dwg. 97 of 123		

CONSTRUCTION SET 01/20/2010

INFECTION CONTROL RISK ASSESSMENT (ICRA) REQUIREMENTS:

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1 STEAM WATER HEATER DETAIL

SCALE NTS

2 FLOOR CLEANOUT DETAIL

SCALE NTS

3 FLOOR DRAIN WITH GUARD DETAIL

SCALE NTS

4 ROOF DRAIN DOWNSPOUT

SCALE NTS

5 SENSOR FAUCET INSTALLATION

SCALE NTS

6 ELEVATOR SUMP DRAIN

SCALE NO SCALE

7 DOMESTIC WATER CONNECTION TO EXISTING

SCALE NTS

8 DOMESTIC WATER EXPANSION JOINT

SCALE NTS

REVISIONS

DATE

AS-BUILT DRAWINGS

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Little Rock, Arkansas 72202

Drawing Title

Plumbing Details

Approved: Project Director

Project Title

Outpatient Mental Health Improvements

Overton Brooks

Veterans Administration Medical Center

Location

Shreveport, Louisiana

Date

01/20/2010

Checked

SEH

Drawn

EAS

Project Number

667-081

Building Number

Bldg. 1, South Wing

Drawing Number

P301

Dwg. 98 of 123

Office of Facility Management

100% Submittal

AS-BUILT SET

10/08/2012

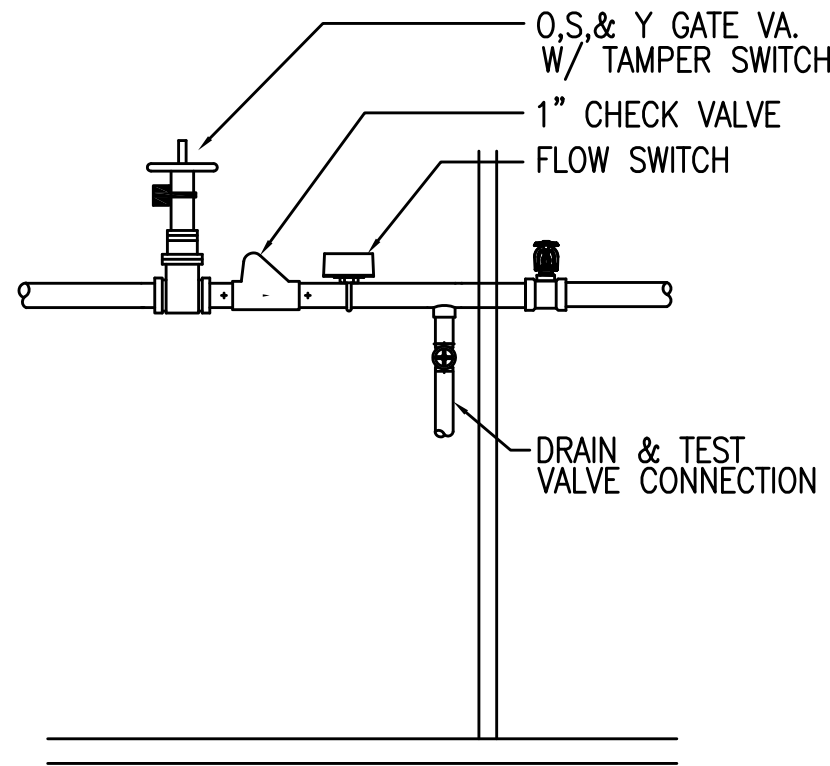
CONSTRUCTION SET 01/20/2010

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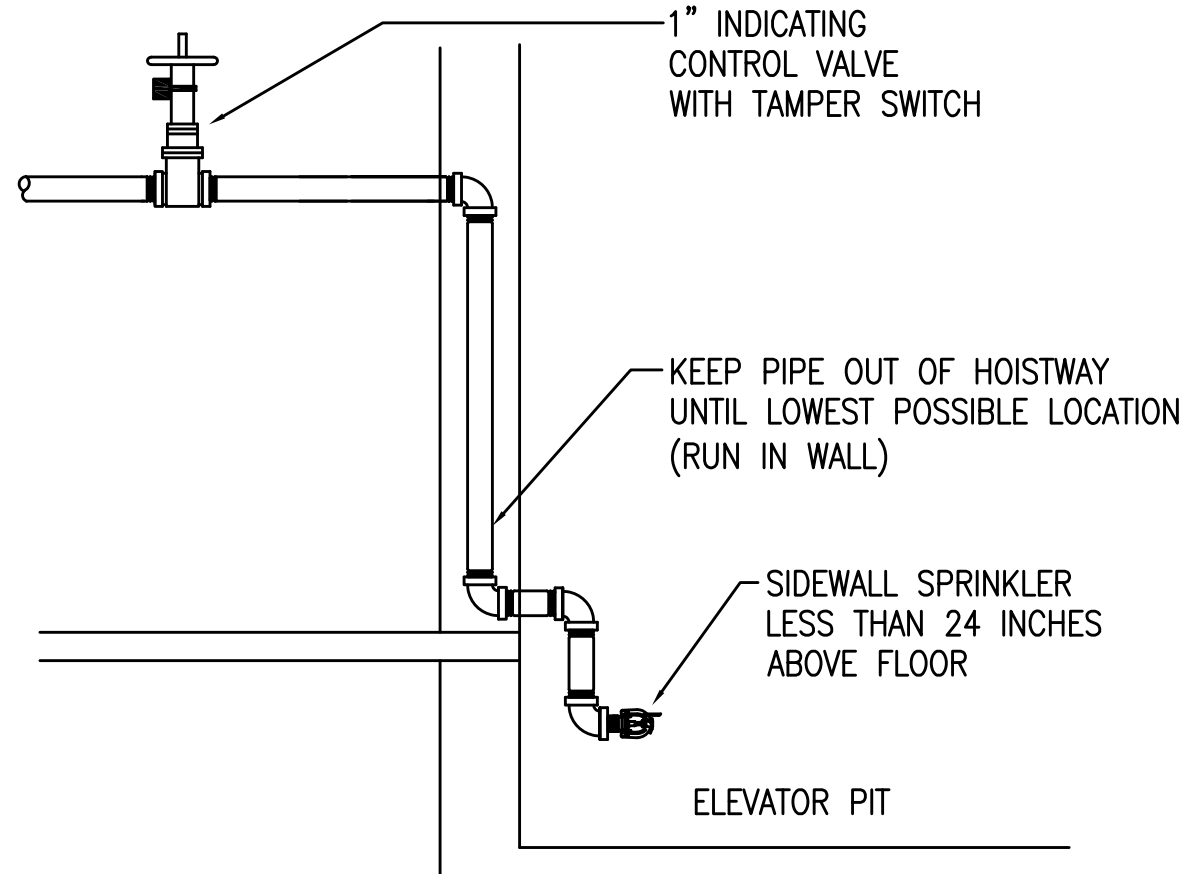
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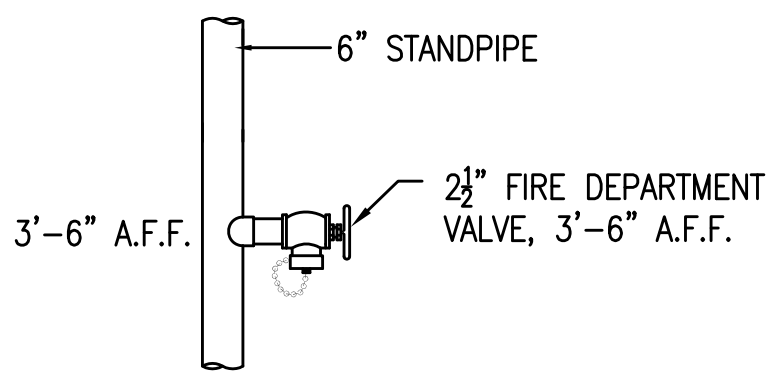
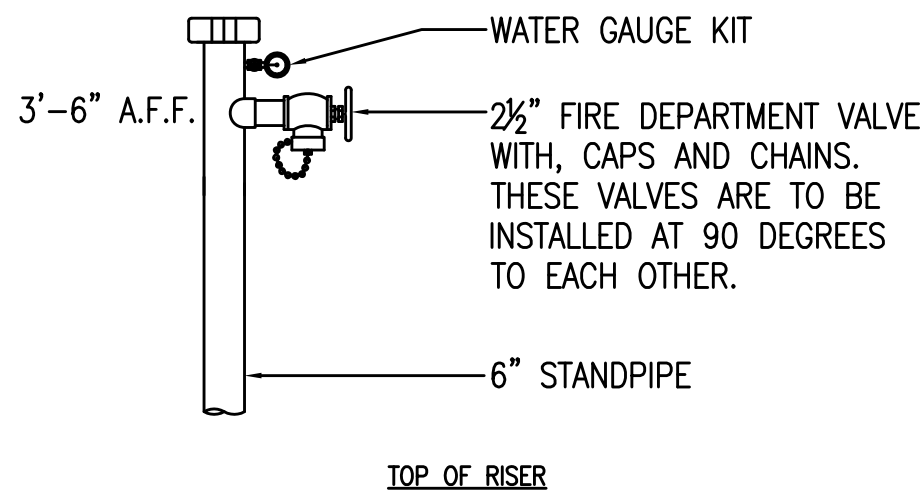
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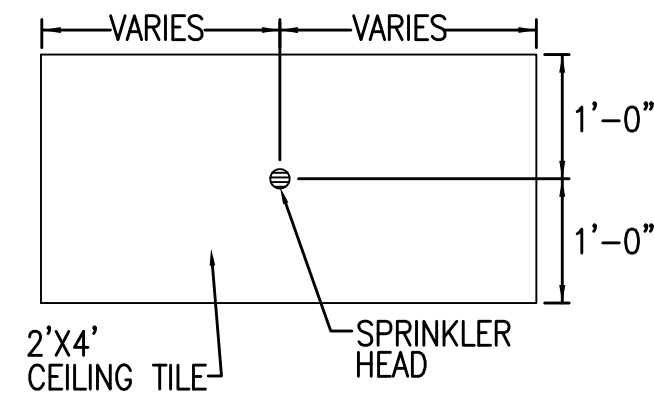
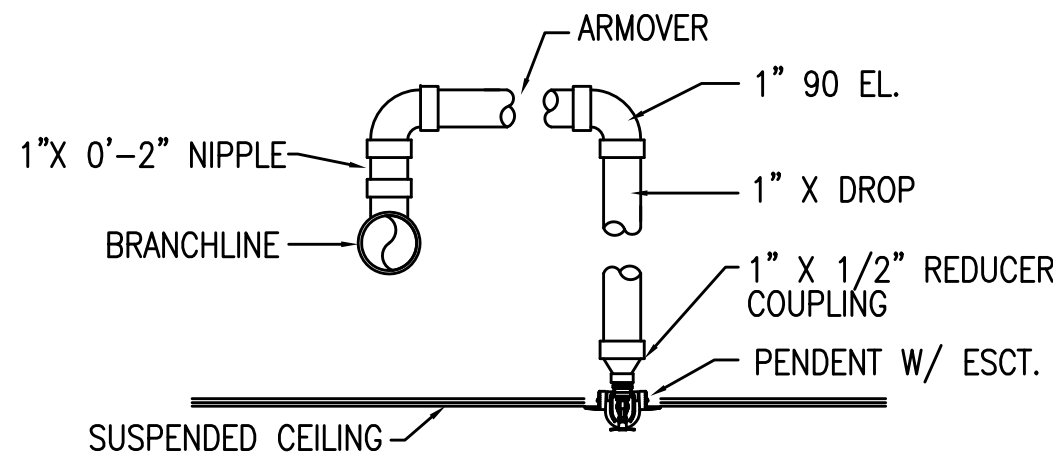
1 ELEVATOR MACHINE ROOM SPRINKLER
SCALE NTS



2 ELEVATOR PIT SPRINKLER
SCALE NTS



3 TYPICAL STANDPIPE
SCALE NTS



4 CENTER LINE OF TILE DETAIL
SCALE NTS

INFECTION CONTROL RISK
ASSESSMENT ICRA REQUIREMENTS

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						Approved: Project Director		Location Shreveport, Louisiana		Building Number Bldg. 1, South Wing		
						Date 01/20/2010		Checked SEH		Drawing Number P302		
								Dwg 99 of 123		100% Submittal		

A
three inches = one foot
1
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one and one half inch = one foot
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three quarters inch = one foot
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one half inch = one foot
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one quarter inch = one foot
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one eighth inch = one foot
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STEAM FIRED DOMESTIC WATER HEATERS

DESIGNATION	REFERENCE PRODUCT	LOCATION	SERVES	OPERATING WEIGHT (LBS)	STEAM FLOW RATE (LBS/HR)	STEAM PRESSURE (PSIG)	HEATING CAPACITY (MBH)	EWT / LWT (° F)	RECOVERY RATE (GPH)	RATED PRESSURE (PSIG)	ELECTRICAL VOLTS/PHASE	RECIRCULATION PUMP	REMARKS
WH-1	ARMSTRONG FLO-RITE TEMP 535 PARALLEL	FIRST FLR. MECH. RM	M.O.B. ADD'N	750	1,814	10	17.32	50/120	2,580	150	120 / 1	BELL & GOSSET NBF-36 ALL BRONZE CIRCULATOR, SPEED SETTING "3" ½ HP, 120V/1ph, 2.3 FLA, 1" FLANGE CONNECTION. PROVIDE TIME CLOCK FOR PUMP CONTROL. VERIFY ON/OFF TIMES WITH OWNER	FURNISH PRE-PIPED COMPLETE WITH STEAM TRAP, AIR VENT, THERMOMETERS WATER SIDE PIPING VALVES AND FITTINGS, MOUNTING FRAME, ISOLATION VALVES, RECIRCULATION PACKAGE.

NOTE: RECOVERY RATE BASED ON 70 DEGREE RISE

PLUMBING FIXTURE ROUGH-IN SCHEDULE/SPECIFICATIONS

MARK	DESCRIPTION	SAN.	C.W.	H.W.	MOUNTING	REFERENCE PRODUCT	COMMENTS
P101	ADA WATER CLOSET	3"	1"	---	FLOOR	AMERICAN STANDARD 3043.102, ELONGATED BOWL, FLOOR MOUNT, WHITE VITREOUS CHINA, SIPHON JET, TOP SPUD. SLOAN 8111 BATTERY POWERED SENSOR FLUSH VA., 1.6 GPF MAX.	MIN. RIM HEIGHT 17¼" AFF. CHURCH 9400 NSSC SEAT, PROVIDE BOLT CAPS.
P401	ADA LAVATORY	1½"	½"	½"	WALL	AMERICAN STANDARD 0355.012, WALL HUNG, WHITE VITREOUS CHINA, W/ MCGUIRE 8912 P-TRAP, 155A2 CHROME GRID DRAIN, MCGUIRE BV2165 SUPPLIES. SLOAN EBF-650-BDT BATTERY POWERED SENSOR FAUCET WITH BELOW DECK THERMOSTATIC MIXING VALVE AND ETF-1029-A LAMINAR FLOW SPRAY HEAD	SHIELD DRAIN AND SUPPLY PIPING WITH TRUBRO LAV. SHIELD OR EQUAL IN EXPOSED LOCATIONS. MOUNT TO ADA REQUIREMENTS, MAX. RIM HEIGHT 34" A.F.F. PROVIDE CONCEALED ARM CARRIER.
P402	ADA LAVATORY	1½"	½"	½"	COUNTERTOP	AMERICAN STANDARD 0476.028, COUNTERTOP, WHITE VITREOUS CHINA, W/ MCGUIRE 8912 P-TRAP, 155A2 CHROME GRID DRAIN, AND BV2165 SUPPLIES. SLOAN EBF-650-BDT BATTERY POWERED SENSOR FAUCET WITH BELOW DECK THERMOSTATIC MIXING VALVE AND ETF-1029-A LAMINAR FLOW SPRAY HEAD.	SHIELD DRAIN AND SUPPLY PIPING WITH TRUBRO LAV. SHIELD OR EQUAL IN EXPOSED LOCATIONS. MOUNT TO ADA REQUIREMENTS, MAX. RIM HEIGHT 34" A.F.F.
P201	ADA URINAL	2"	¾"	---	WALL	AMERICAN STANDARD 6501.010, WALL MOUNT, WHITE VITREOUS CHINA, TOP SPUD. SLOAN 8186 BATTERY POWERED SENSOR FLUSH VALVE, 0.5 GPF MAX.	PROVIDE FLOOR MOUNTED WALL CARRIER. MOUNT TO ADA REQUIREMENTS, MAX. RIM HEIGHT 17" AFF.
P501	JANITOR'S SINK	3"	½"	½"	FLOOR	STERN-WILLIAMS MTB-2424, 24"x24"x10" DEEP. STAINLESS STEEL STRAINER.DELTA 2819 MIXING FAUCET w/VAC BREAKER, INTEGRAL STOPS, ADJ. WALL BRACE, PAIL HOOK, AND 60" FLEX HOSE.	PROVIDE MOP HANGER W/ 3 RUBBER GRIPS.
P502	SINGLE COMPARTMENT SINK	1½"	½"	½"	COUNTER	JUST SL-1515-A-GR, 9"x12"x6"D BOWL, 18 GA STAINLESS STEEL, w/MCGUIRE 8912 P-TRAP, MCGUIRE BV2165-SS18 SUPPLIES. DELTA 27T2974 FAUCET w/11" GOOSENECK SPOUT WITH LAMINAR FLOW OUTLET AND 4" WRIST BLADE HANDLES.	MOUNT IN ARCHITECTURAL COUNTERTOP. PROVIDE FLAT GRID STRAINER WITH 1½" TAILPIECE.
P503	DOUBLE COMPARTMENT SINK	1½"	½"	½"	COUNTER	JUST #DL-2233-A-GR, 18 GA. S.S. (2)16"x14" BOWLS, 8" DEEP, w/(2) MCGUIRE 8912 P-TRAP, MCGUIRE BV2165-SS18 SUPPLIES. DELTA 26C3224 FAUCET w/8" TUBULAR SWING SPOUT WITH LAMINAR FLOW OUTLET AND 4" WRIST BLADE HANDLES.	MOUNT IN ARCHITECTURAL COUNTERTOP. PROVIDE FLAT GRID STRAINERS WITH 1½" TAILPIECE.
FD1	FLOOR DRAIN	AS SHOWN	---	---	FLOOR	WADE 1100G4 FLOOR DRAIN, 4" SQUARE NICKEL BRONZE OR STAINLESS STEEL TOP.	PROVIDE WITH DEEP SEAL TRAP AND PROSET TRAP GUARD SEAL.
FS1	FLOOR SINK	AS SHOWN	---	---	FLOOR	WADE 9000, 8" ROUND, PORCELAIN COATED INTERIOR. NICKEL BRONZE OR STAINLESS STEEL GRATE	PROVIDE WITH DEEP SEAL TRAP AND PROSET TRAP GUARD SEAL. COORDINATE EXACT LOCATION WITH EQUIPMENT AND EQUIPMENT PAD LOCATIONS
FS2	FLOOR SINK	AS SHOWN	---	---	FLOOR	WADE 9000-17 8" ROUND, PORCELAIN COATED INTERIOR. NICKEL BRONZE OR STAINLESS STEEL GRATE WITH 2" CENTER HOLE.	PROVIDE WITH DEEP SEAL TRAP AND PROSET TRAP GUARD SEAL. COORDINATE EXACT LOCATION WITH EQUIPMENT AND EQUIPMENT PAD LOCATIONS
FS3	FLOOR SINK	AS SHOWN	---	---	FLOOR	WADE 9140-16 12" SQUARE, PORCELAIN COATED INTERIOR. NICKEL BRONZE OR STAINLESS STEEL GRATE WITH ½ GRATE	PROVIDE WITH DEEP SEAL TRAP AND PROSET TRAP GUARD SEAL.
P601	ELECTRIC WATER COOLER DUAL LEVEL	1½"	½"	---	WALL	ACORN AQUA A112408F-RBL WALL MOUNTED DUAL HEIGHT WATER COOLER WITH STAINLESS STEEL BUBBLERS. PROVIDES 5.0 GPH OF 50°F WATER AT 90°F AMBIENT. 120V/1ph. MCGUIRE 8912 P-TRAP, BV2165 SUPPLY.	PROVIDE WALL CARRIER. 5 YEAR WARRANTY ON COMPRESSOR. MOUNT WITH LOWER BUBBLER 33¾" AFF TO MEET ADA REQUIREMENTS.
P801	FREEZE PROOF WALL HYDRANT	---	¾"	---	EXTERIOR	WOODFORD 65 WALL HYDRANT, EXPOSED, NON-FREEZE, AUTO. DRAINING, ANTI-SIPHON. ALL BRONZE INTERNALS WITH CHROME FACE AND KEYED OPERATOR.	COORDINATE INSTALLATION WALL THICKNESS PRIOR TO ORDERING. PROVIDE SHUT-OFF VALVE IN SUPPLY LINE TO HYDRANT.
RD	ROOF DRAIN	AS SHOWN	---	---	ROOF	ZURN MODEL Z-121 ROOF DRAIN, 12" DRAIN COATED CAST IRON BODY, MEMBRANE CLAMP, AND LOW PROFILE CAST IRON INLET DOME.	COORDINATE EXACT LOCTION WITH ARCHITECTURAL ROOF PLANS. INSULATE BOTTOM OF DRAIN.
OFD	OVERFLOW DRAIN	AS SHOWN	---	---	ROOF	ZURN MODEL Z-121-89 ROOF DRAIN, 12" DRAIN COATED CAST IRON BODY, MEMBRANE CLAMP, AND LOW PROFILE CAST IRON INLET DOME, WITH 2" HIGH EXTERNAL WATER DAM	COORDINATE EXACT LOCTION WITH ARCHITECTURAL ROOF PLANS. INSULATE BOTTOM OF DRAIN.

SUMP PUMPS

MARK	DESCRIPTION
SP1	EPOXY COATED CAST IRON MOTOR HOUSING, COMPOSITE IMPELLER, RECESSED VORTEX IMPELLER, GLASS-FILLED POLYPROPYLENE VOLUTE, NITRILE MECHANICAL SHAFT SEAL WITH CARBON AND CERAMIC FACES, STAINLESS STEEL FASTENERS, COLD ROLLED STEEL SHAFT, SINTERED IRON/COPPER FLANGED SLEEVE UPPER BEARING, BALL BEARING LOWER BEARING, 1½ SJTW-A POWER CORD, WIDE ANGLE FLOAT SWITCH, 1½ DISCHARGE. PUMP CAPACITY SHALL BE 40 GPM @ 10 FT. HD., 120 V./1ph. MFR. & MDL. LITTLE GIANT #ES33W1-10 (GRUNDFOSS, MYERS) ACCESSORIES LITTLE GIANT #HWAB INDOOR HIGH WATER ALARM, COMPLETE WITH 6' CORD SET, NEMA 1 ENCLOSURE, 87db ALARM HORN, PLASTIC FLOAT WITH 15' OF 18 ga. 2 CONDUCTOR sjow WATER RESISTANT CORD, INTERNAL 9 vdc BATTERY BACKUP POWER, 120 V/1ph. PRIMARY POWER. PROVIDE PUMP WITH CHECK VALVE, UNION AND FLEX CONNECTION.

NOTE: <XXX> INDICATES ACCEPTABLE ALTERNATE MANUFACTURER

NOTE

ALL ITEMS THAT REQUIRE ACCESS, SUCH AS FOR OPERATING, CLEANING, SERVICING, MAINTENANCE, AND CALIBRATION, SHALL BE EASILY AND SAFELY ACCESSIBLE BY PERSONS STANDING AT FLOOR LEVEL, OR STANDING ON PERMANENT PLATFORMS, WITHOUT THE USE OF PORTABLE LADDERS. EXAMPLES OF THESE ITEMS INCLUDE, BUT ARE NOT LIMITED TO: ALL TYPES OF VALVES, FILTERS AND STRAINERS, TRANSMITTERS, CONTROL DEVICES. PRIOR TO COMMENCING INSTALLATION WORK, REFER CONFLICTS BETWEEN THIS REQUIREMENT AND CONTRACT DRAWINGS TO THE RE/COTR FOR RESOLUTION.

INFECTION CONTROL RISK ASSESSMENT ICRA REQUIREMENTS

1. THE CONTRACTOR SHALL COMPLY WITH ALL ICRA TRAINING AND PROCEDURES AS SET FORTH BY THE HOSPITAL'S ICRA REPRESENTATIVE. THE CONTRACTOR IS REQUIRED TO REQUEST, BE FAMILIAR WITH, AND REQUIRE HIS EMPLOYEE'S FULL COMPLIANCE.

REVISIONS		DATE	AS-BUILT DRAWINGS This document has been prepared based on As-Built information provided by others. Those relying on this document are advised to obtain independent verification of its accuracy before using it for any purpose.	CONSULTANTS: Jacobs Engineering JACOBS 10816 EXECUTIVE CENTER DRIVE, SUITE 300 LITTLE ROCK, ARKANSAS 7211-4383 PHONE (501) 223-0515 FAX (501) 223-2470 JACOBS PROJECT NO: F3W81800	ARCHITECT/ENGINEERS: Tompkins Architects, LLC  612 N.W. Kay Drive Lee's Summit, Missouri 64063 Phone: (816) 525-9833 Fax: (816) 524-9005 Email: jet@tom-arch.com  STUCK associates ARCHITECTS Phone: (501) 378-0059 www.stuckarch.com 1308 South Main Street Little Rock, Arkansas 72202	Drawing Title Plumbing Schedules	Project Title Outpatient Mental Health Improvements Overton Brooks Veterans Administration Medical Center	Project Number 667-081	Office of Facility Management 100% Submittal	
						Approved: Project Director	Location Shreveport, Louisiana	Building Number Bldg. 1, South Wing		
						Date 01/20/2010	Checked SEH	Drawing Number P401		
							Drawn EAS	Dwg. 100 of 123		

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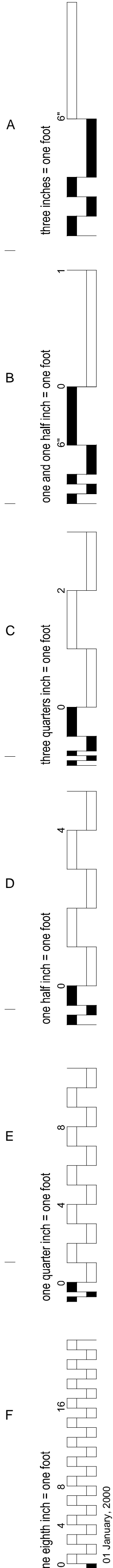
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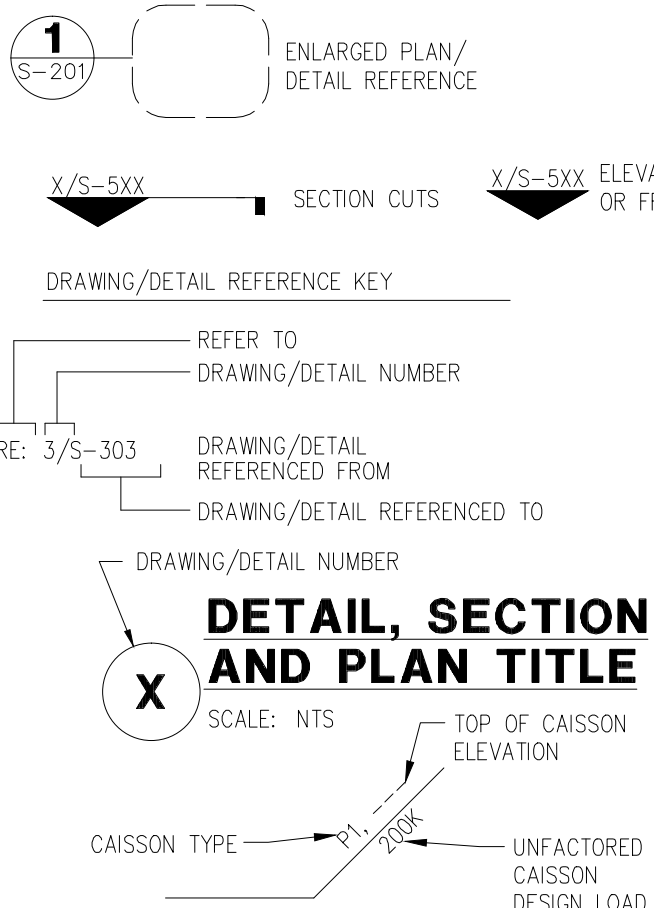
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ABBREVIATIONS (ALL ABBREVIATIONS SHOWN ARE NOT NECESSARILY USED ON THE DRAWINGS)			
A		M	
AB	ANCHOR BOLT	MATL	MATERIAL
AFB	ABOVE FINISH FLOOR	MAX	MAXIMUM
ARCH	ARCHITECTURAL	MECH	MECHANICAL
ADJ	ADJACENT	MEP	MECHANICAL, ELECTRICAL, PLUMBING
ADBL	ADDITIONAL	MEZZ	MEZZANINE
APPROX	APPROXIMATE(LY)	MFR	MANUFACTURE(R)
AISC	AMERICAN INSTITUTE OF STEEL CONSTRUCTION	MID	MIDDLE
ACI	AMERICAN CONCRETE INSTITUTE	MIN	MINIMUM
ASCE	AMERICAN SOCIETY OF CIVIL ENGINEERS	MISC	MISCELLANEOUS
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS	MS	MIDDLE STRIP
AWS	AMERICAN WELDING SOCIETY	MT	STRUCTURAL TEE CUT FROM MISC. STEEL
		MTL	METAL
		MC	MISCELLANEOUS CHANNEL SHAPE
B		N	
BB	BACK TO BACK	N/A	NOT APPLICABLE
BC	BOTTOM CHORD	NF	NEAR FACE
BL	BASE LINE	NIC	NOT IN CONTRACT
BLDG	BUILDING	NO	NUMBER
BM	BOTTOM	NOM	NOMINAL
BOT	BOTTOM	NS	NEAR SIDE
BP	BASE PLATE	NTS	NOT TO SCALE
BRG	BEARING		
BRKT	BRACKET		
BS	BOTH SIDES		
BSMT	BASMENT		
BVL	BEVELED		
BOT	BOTTOM		
BW	BOTH WAYS		
C		O	
C	COMPRESSION, CHANNEL SHAPE	OA	OVERALL
CJ	CONSTRUCTION JOINT	OC	ON CENTER
CL	CENTERLINE	OD	OUTSIDE DIAMETER
CLR	CLEAR OR CLEARANCE	OF	OUTSIDE FACE
CMU	CONCRETE MASONRY UNIT	OPP	OPPOSITE
COL	COLUMN	OPP HND	OPPOSITE HAND
CONC	CONCRETE	OPNG	OPENING OR OPENINGS
CONST	CONSTRUCTION	OPT	OPTIONAL
CONT	CONTINUOUS		
CONT'D	CONTINUED		
CONX	CONNECTION		
D		P	
D	DEPTH	PC	PRECAST CONCRETE
DET	DETAIL	PF	POUNDS PER CUBIC FOOT
DIA	DIAMETER	PERP	PERPENDICULAR
DIAG	DIAGONAL	PLATE	PLATE
DIM	DIMENSION	PREFAB	PREFABRICATED
DN	DOWN	PRELUM	PRELIMINARY
DL	DEAD LOAD	PROJ	PROJECTION
DP	DAMP PROOFING	PT	POINT
DRWG	DRAWING(S)	PSTG	PRESTRESSED GIRDER
DWL	DOWEL	PG	PLATE GIRDER
		PLUMB	PLUMBING
		PRMLD	PREMOLDED
		PROJ	PROJECTION
		PSF	POUNDS PER SQUARE FOOT
		PT	POINT
		PVC	POLYVINYL CHLORIDE
		PVT	PAVEMENT
E		R	
E	EAST	R	RIGHT, RISER
EA	EACH	RAD	RADIUS
EF	EACH FACE	RD	ROOF DRAIN
EJ	EXPANSION JOINT	RE	REFER
ELEC	ELECTRICAL	REINF	REINFORCING(-ED,-MENT)
ELEV	ELEVATION	REM	REMAINDER
EQ	EQUAL	REQD	REQUIRED
EQUIP	EQUIPMENT	REV	REVISION
EW	EACH WAY	RH	RIGHT HAND
EXIST	EXISTING	RJ	RUSTICATION JOINT
EXP	EXPANSION	RND	ROUGH OPENING
EXT	EXTERIOR	RW	RETAINING WALL
F		S	
FD	FLOOR DRAIN	S	SOUTH, STANDARD SHAPE
FF	FINISH FLOOR	SC	SHEAR CONNECTORS
FIN	FINISHED	SCH	SCHEDULE(D)
FS	FAR SIDE	SDI	STEEL DECK INSTITUTE SECTION
FTG	FOOTING	SECT	SHEET
FAB	FABRICATION	SHT	SIMILAR
		SIM	SAW JOINT
		SJ	STEEL JOIST INSTITUTE SPACE
		SLS	SLOPE
		SPA	SPECIFICATION(S)
		SPEC	SPECIAL
		SP	SQUARE
		SS	STAINLESS STEEL
		STD	STANDARD
		STIFF	STIFFENER
		STIRR	STIRRUP
		STL	STEEL
		STRUCT	STRUCTURE
		STR	STRUCTURAL
		SW	SHEAR WALL
		SYM	SYMMETRICAL
G		T	
GA	GAGE OR GAUGE	T	TOP, TENSION
GALV	GALVANIZED	T/CONC	TOP OF CONCRETE
GB	GRADE BEAM	T/FD	TOP OF FLOOR DRAIN
		T/FTG	TOP OF FOOTING
		T/JOIST	TOP OF JOIST
		T/MASONRY	TOP OF MASONRY
		T/SLAB	TOP OF SLAB
		T/WALL	TOP OF WALL
		T&B	TOP & BOTTOM
		TEMP	TEMPERATURE
		THRD	THREADED
		THK	THICKNESS
		T/STL	TOP OF STEEL EL. = BOTTOM OF DECK, U.N.O. TREAD(S)
		TRD	TRANSVERSE
		TRNV	TILT WALL
		TW	TYPICAL
		TYP	TYPICAL
H			
HORIZ	HORIZONTAL		
HP	HIGH POINT		
HT	HEIGHT		
HSS	HEADED STUD		
	HOLLOW STRUCTURAL SECTION		
I			
ID	INSIDE DIAMETER		
INT	INTERIOR		
INFO	INFORMATION		
J			
JT	JOINT		
JST	JOIST		
K			
K	KIPS (1000 LBS)		
KO	KNOCKOUT		
L			
LB.#	POUND		
LD	DEVELOPMENT LENGTH		
LDG	LANDING		
LG	LEFT HAND		
LL	LIVE LOAD		
LLH	LONG LEG HORIZONTAL		
LLV	LONG LEG VERTICAL		
LONG	LONGITUDINAL		
LP	LOW POINT		
LW	LONG WAY		
LWC	LIGHTWEIGHT CONCRETE		
L	ANGLE SHAPE		



AS-BUILT DRAWINGS

This document has been prepared based on As-Built information provided by others. Those relying on this document are advised to obtain independent verification of its accuracy before using it for any purpose.

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JACOBS PROJECT NO: F3W81800

GENERAL NOTES

A. BUILDING AND DESIGN CODES:

- INTERNATIONAL BUILDING CODE 2003 EDITION.
- ASCE 7-02 MINIMUM DESIGN LOADS BUILDING AND OTHER STRUCTURES.
- AISC MANUAL OF STEEL CONSTRUCTION, THE 3RD EDITION, LOAD AND RESISTANCE FACTOR DESIGN AND CODE OF STANDARD PRACTICE.
- ACI 318 BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE, THE 2002 EDITION.
- ACI 530 BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES, THE 2002 EDITION.
- CRSI MANUAL OF STANDARD PRACTICE, THE 2002 EDITION.
- SDI CODE OF RECOMMENDED STANDARD PRACTICE FOR COMPOSITE DECK, FORM DECKS, AND ROOF DECK CONSTRUCTION, THE LATEST EDITION.

B. DESIGN LOADS:

	UNIFORM LOAD	CONCENTRATED LOAD
1. LIVE LOADS:		
a. ROOF	20 PSF	
b. SLAB ON GRADE	100 PSF	2,000 LBS
c. TYP. FLOOR	100 PSF	2,000 LBS
d. MECH. ROOM	150 PSF	2,000 LBS

LIVE LOAD REDUCTION ON SUPPORTING ELEMENTS IN ACCORDANCE WITH ASCE 7-02
LOADING FOR MECHANICAL AND ELECTRICAL ROOMS ARE BASED ON THE WEIGHTS OF ASSUMED EQUIPMENT, AS INDICATED ON THE MECHANICAL DRAWINGS (INCLUDING THE WEIGHT OF CONCRETE PADS WHERE INDICATED ON THE MECHANICAL DRAWINGS). ANY CHANGES IN TYPE, SIZE, LOCATION, OR NUMBER OF PIECES OF EQUIPMENT SHOULD BE REPORTED TO THE ARCHITECT FOR VERIFICATION OF THE ADEQUACY OF SUPPORTING MEMBERS PRIOR TO PLACEMENT OF EQUIPMENT.

2. DEAD LOADS:

DESIGN DEAD LOADS INCLUDE THE WEIGHT OF STRUCTURAL COMPONENTS AND PERMANENT FIXTURES. BELOW DEAD LOADS ARE ASSUMED FOR THE DESIGN OF THE OUTPATIENT BUILDING & STAIR TOWER:

5 1/2" NWT COMPOSITE DECK	= 53 PSF
STEEL FRAMING	= 5 PSF
CEILING + MECH. PARTITIONS	= 10 PSF
BRICK FACADE	= 5 PSF
	= 40 PSF

3. WIND LOADS:

- 2-STORY BUILDING (FUTURE 6-STORY BUILDING)
 - BASIC WIND SPEED - 90 MPH
 - IMPORTANCE FACTOR - $I_w = 1.0$
 - EXPOSURE - C
 - COMPONENT AND CLADDING DESIGN PRESSURE - 45 PSF

4-STORY STAIR TOWER (FUTURE 10-STORIES) AND RENOVATED EXISTING

- BASIC WIND SPEED - 90 MPH
- IMPORTANCE FACTOR - $I_w = 1.15$
- EXPOSURE - C
- COMPONENT AND CLADDING DESIGN PRESSURE - 60 PSF

4. SNOW LOADS:

- 2-STORY BUILDING (FUTURE 6-STORY BUILDING)
 - GROUND SNOW LOAD - $p_g = 5$ PSF
 - FLAT ROOF SNOW LOAD - $p_f = 5$ PSF
 - IMPORTANT FACTOR - $I_s = 1.0$ PSF
 - EXPOSURE - $C_e = 1.0$ PSF
 - THERMAL FACTOR - $C_t = 1.0$

4-STORY STAIR TOWER (FUTURE 10-STORIES) AND RENOVATED EXISTING

- GROUND SNOW LOAD - $p_g = 5$ PSF
- FLAT ROOF SNOW LOAD - $p_f = 6$ PSF
- IMPORTANT FACTOR - $I_s = 1.2$ PSF
- EXPOSURE - $C_e = 1.0$ PSF
- THERMAL FACTOR - $C_t = 1.0$

5. SEISMIC LOADS:

- 2-STORY BUILDING (FUTURE 6-STORY BUILDING)
 - SEISMIC USE GROUP - I
 - SPECTRAL RESPONSE ACCELERATION FOR SHORT PERIODS, $S_S = 0.153$
 - SPECTRAL RESPONSE ACCELERATION FOR 1-SECOND PERIODS, $S_1 = 0.069$
 - SITE CLASS - D
 - DESIGN SPECTRAL RESPONSE ACCELERATION FOR SHORT PERIODS, $S_{DS} = 0.1632$
 - DESIGN SPECTRAL RESPONSE ACCELERATION FOR 1-SECOND PERIODS, $S_{D1} = 0.1104$
 - SEISMIC DESIGN CATEGORY = B
 - BASIC SEISMIC RESISTING SYSTEM: ORDINARY STEEL MOMENT FRAMES (N-S), ORDINARY STEEL BRACED FRAMES (E-W)
 - DESIGN BASE SHEAR - $V = 165K$
 - RESPONSE MODIFICATION FACTOR = 3
 - ANALYSIS PROCEDURE - EQUIVALENT LATERAL FORCE

4-STORY STAIR TOWER (FUTURE 10-STORIES) AND RENOVATED EXISTING

- SEISMIC USE GROUP - III
- SPECTRAL RESPONSE ACCELERATION FOR SHORT PERIODS, $S_S = 0.153$
- SPECTRAL RESPONSE ACCELERATION FOR 1-SECOND PERIODS, $S_1 = 0.069$
- SITE CLASS - D
- DESIGN SPECTRAL RESPONSE ACCELERATION FOR SHORT PERIODS, $S_{DS} = 0.1632$
- DESIGN SPECTRAL RESPONSE ACCELERATION FOR 1-SECOND PERIODS, $S_{D1} = 0.1104$
- SEISMIC DESIGN CATEGORY = C
- BASIC SEISMIC RESISTING SYSTEM: ORDINARY REINFORCED CONCRETE SHEAR WALLS
- DESIGN BASE SHEAR - $V = 135K$ (N-S), $115K$ (E-W)
- RESPONSE MODIFICATION FACTOR = 4
- ANALYSIS PROCEDURE - EQUIVALENT LATERAL FORCE

C. GENERAL REQUIREMENTS:

- SPECIFICATIONS ARE PART OF THE CONSTRUCTION DOCUMENTS AND MUST BE USED IN CONJUNCTION WITH THE DRAWINGS.
- VERIFY EXISTING CONDITIONS AND DIMENSIONS PRIOR TO BEGINNING SHOP DRAWINGS OR FABRICATING MATERIALS. NOTIFY CONTRACTING OFFICER OF DISCREPANCIES BEFORE PROCEEDING WITH ANY WORK. SUBMIT THE APPROPRIATE PLANS AND DETAILS REFLECTING THE FIELD VERIFIED EXISTING CONDITIONS FOR THE CONTRACTING OFFICER'S USE.
- VERIFY THE LOCATION OF CHASES, INSERTS, OPENINGS, SLEEVES, FINISHES, DEPRESSIONS, PADS, AND WALL OPENINGS.
- DO NOT SCALE DRAWINGS FOR THE PURPOSE OF ESTABLISHING DIMENSIONS.

DETAILS LABELED "TYPICAL DETAILS" ON DRAWINGS APPLY TO SITUATIONS OCCURRING ON THE PROJECT THAT ARE THE SAME OR SIMILAR TO THOSE SPECIFICALLY DETAILED. SUCH DETAILS APPLY WHETHER OR NOT DETAILS ARE REFERENCED AT EACH LOCATION. NOTIFY CONTRACTING OFFICER OF CONFLICTS REGARDING APPLICABILITY OF "TYPICAL DETAILS".

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Drawing Title

STRUCTURAL GENERAL NOTES,
SYMBOLS, AND ABBREVIATIONS

Approved: Project Director

TABLE 2			
INSPECTION	CONT.	PERIODIC	REFERENCED STANDARD
1. INSPECTION OF REINFORCING STEEL, AND PLACEMENT	X		ACI 318 Sections 3.5, 7.1-7.7
2. INSPECTION OF CAST IN PLACE BOLTS DESIGNED TO RESIST WIND AND SEISMIC LOADS	X		
3. VERIFYING USE OF APPROVED MIX DESIGN		X	
4. PERFORM SLUMP, AIR CONTENT TESTS AND DETERMINE TEMPERATURE AND STRENGTH OF CONCRETE	X		
5. INSPECTION OF CONCRETE PLACEMENT	X		
6. INSPECTION FOR MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES		X	
7. VERIFICATION OF IN SITU CONCRETE STRENGTH, PRIOR TO REMOVAL OF SHORES AND FORMS		X	

6. MASONRY CONSTRUCTION:

SPECIAL INSPECTION OF MASONRY CONSTRUCTION SHALL BE AS REQUIRED IN TABLE 3.

TABLE 3			
INSPECTION	CONT.	PERIODIC	REFERENCED STANDARD
1. AS MASONRY CONSTRUCTION BEGINS, THE FOLLOWING SHALL BE VERIFIED TO ENSURE COMPLIANCE: <ol style="list-style-type: none">PROPORTIONS OF SITE PREPARED MORTARCONSTRUCTION JOINTSLOCATION OF REINFORCEMENT AND CONNECTORS		X	
2. THE INSPECTION PROGRAM SHALL VERIFY: <ol style="list-style-type: none">SIZE AND LOCATION OF STRUCTURAL ELEMENTSTYPE, SIZE AND LOCATION OF ANCHORS, INCLUDING DETAILS OF ANCHORAGE OF MASONRY STRUCTURAL MEMBERS, FRAMES, OR OTHER CONSTRUCTIONSPECIFIED SIZE, GRADE AND TYPE OF REINFORCEMENTPROTECTION OF MASONRY DURING COLD WEATHER (BELOW 40 F) OR HOT WEATHER ABOVE 90 F)		X	
3. PRIOR TO GROUTING, THE FOLLOWING SHALL BE VERIFIED TO ENSURE COMPLIANCE: <ol style="list-style-type: none">GROUT SPACE IS CLEANPLACEMENT OF REINFORCEMENT AND CONNECTORSPROPORTIONS OF SITE PREPARED GROUT AND PRESTRESSING GROUT FOR BONDED TENDONSCONSTRUCTION OF MORTAR JOINT		X	
4. PREPARATION OF ANY REQUIRED GROUT SPECIMENS, MORTAR SPECIMENS, AND/OR PRISMS SHALL BE OBSERVED	X		
5. COMPLIANCE WITH REQUIRED INSPECTION PROVISIONS OF THE CONSTRUCTION DOCUMENTS AND APPROVED SUBMITTALS SHALL BE VERIFIED		X	

7. SOILS:

THE SPECIAL INSPECTION FOR EXISTING SITE SOIL CONDITIONS, FILL PLACEMENT AND LOAD BEARING REQUIREMENTS SHALL BE AS REQUIRED IN THIS SECTION. THE APPROVED SOILS REPORT SHALL BE USED TO DETERMINE COMPLIANCE.

- SITE PREPARATION:
PRIOR TO PLACEMENT OF THE PREPARED FILL, THE SPECIAL INSPECTOR SHALL DETERMINE THAT THE MATERIAL BEING USED AND THE MAXIMUM LIFT THICKNESS COMPLY WITH THE APPROVED REPORT.
- FILL PLACEMENT:
DURING PLACEMENT AND COMPACTION OF THE FILL MATERIAL, THE SPECIAL INSPECTOR SHALL DETERMINE THAT THE MATERIAL BEING USED AND THE MAXIMUM LIFT THICKNESS COMPLY WITH THE APPROVED SOILS REPORT.
- EVALUATION OF IN-PLACE DENSITY:
THE SPECIAL INSPECTOR SHALL DETERMINE, AT THE APPROVED FREQUENCY, THAT THE IN-PLACE DRY DENSITY OF THE COMPACTED FILL COMPLIES WITH THE APPROVED SOILS REPORT.

STATEMENT OF RESPONSIBILITY

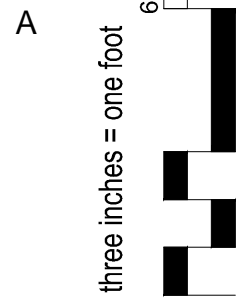
I HEREBY STATE THAT THE DRAWINGS INTENDED TO BE AUTHENTICATED BY MY SEAL ARE LIMITED TO THE FOLLOWING:

S001, S002, S003, S101, S102, S103, S104, S105, S201, S301, S302, S310, S311, S401, S402, S410, S411, S601, S603, S701

I HEREBY DISCLAIM ANY RESPONSIBILITY FOR ALL OTHER DRAWINGS, ESTIMATES, REPORTS AND OTHER DOCUMENTS OR INSTRUMENTS RELATING TO OR INTENDED TO BE USED FOR ANY PART OR PARTS OF THE ARCHITECTURAL OR ENGINEERING PROJECT OR SURVEY.

REVISIONS		DATE
1	"As-Built" DOCUMENT REVISIONS	10/08/12
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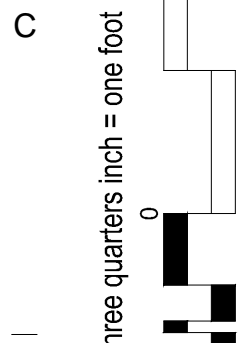
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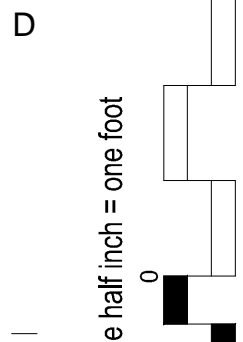
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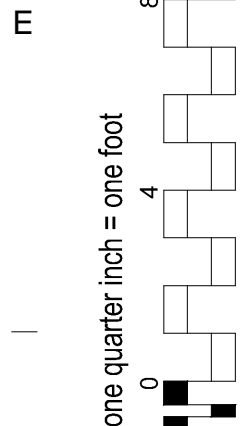
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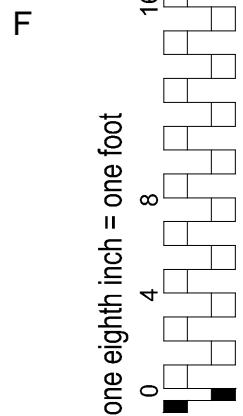
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F



BUILDING PAD PREPARATION

- AFTER STRIPPING THE EXISTING PAVING, AREAS TO BE PAVED, AREAS TO RECEIVE FILL AND ROUGH GRADED SOIL IN CUT AREAS SHALL BE PROOF ROLLED WITH A LOADED TANDEM AXEL DUMP TRUCK OR SIMILAR PNEUMATIC TIRED VEHICLE HAVING A MINIMUM GROSS WEIGHT OF TWENTY FIVE TONS.
- SOILS OBSERVED TO RUT OR DEFLECT EXCESSIVELY UNDER THE MOVING LOAD SHALL BE UNDERCUT AND EITHER RECOMPACTED OR REPLACED WITH PROPERLY COMPACTED SELECT FILL MATERIAL.
- THE PROOF-ROLLING AND UNDERCUTTING ACTIVITIES SHALL BE WITNESSED BY A REPRESENTATIVE OF THE GEOTECHNICAL ENGINEER AND SHALL BE PERFORMED DURING A PERIOD OF DRY WEATHER.
- AFTER PROOF-ROLLING AND REPAIRS, THE EXPOSED SOILS UNDER THE STRUCTURE AND PAVEMENT AREAS SHALL BE SCARIFIED TO A DEPTH OF AT LEAST EIGHT INCHES BELOW THE SURFACE AND RECOMPACTED TO AT LEAST 95% OF THE STANDARD PROCTOR (ASTM D-698) MAXIMUM DRY DENSITY.
- EXISTING SOILS UNDER THE BUILDING FOOTPRINT SHALL BE REPLACED WITH AT LEAST THREE FEET OF SELECT FILL. COMPACTED SELECT FILL SHALL EXTEND A MINIMUM OF FIVE FEET BEYOND THE FOUNDATION PERIMETER. UNDERCUT SOILS MEETING THE BELOW SELECT FILL REQUIREMENTS MAY BE REVISED AS SELECT FILL.
- SELECT FILL MATERIALS SHALL BE SELECT SOIL FREE OF ORGANIC OR OTHER DELETERIOUS MATERIALS AND HAVE A MAXIMUM PARTICLE SIZE OF LESS THAN THREE INCHES. SELECT FILL SHALL HAVE A LIQUID LIMIT OF THIRTY FIVE OR LESS WITH PLASTICITY INDEX (PI) VALUES BETWEEN EIGHT AND EIGHTEEN. A REPRESENTATIVE OF THE GEOTECHNICAL ENGINEER SHALL BE ON SITE TO OBSERVE, TEST AND DOCUMENT PLACEMENT OF THE FILL.
- SELECT FILL SHALL BE PLACED IN MAXIMUM LOOSE LIFTS OF EIGHT INCHES AND COMPACTED TO AT LEAST 95% OF THE MATERIALS STANDARD PROCTOR MAXIMUM DRY DENSITY. EACH LIFT SHALL BE TESTED AND DOCUMENTED BY A REPRESENTATIVE OF THE GEOTECHNICAL ENGINEER PRIOR TO PLACEMENT OF SUBSEQUENT LIFTS.

FOUNDATION NOTES

- REFER TO THE GEOTECHNICAL REPORT AND SPECIFICATIONS FOR GENERAL REQUIREMENTS OF EARTHWORK, OVEREXCAVATION, SUBGRADE PREPARATION, FILL AND COMPACTION, WATERPROOFING AND OTHER PERTINENT REQUIREMENTS AND INFORMATION.
- FOUNDATION DESIGN IS BASED UPON SOILS EXPLORATION AND REPORT BY PSI INC., REPORT ENTITLED "GEOTECHNICAL ENGINEERING SERVICES REPORT", DATED DECEMBER 16, 2008, PROJECT NO. VA256-08-RP-0307, AND "GEOTECHNICAL ENGINEERING SERVICES SUPPLEMENT REPORT", DATED FEBRUARY 6, 2009, PROJECT NO. VA256-08-RP-0307.
- PROTECT PIPES AND CONDUITS RUNNING THROUGH WALLS AND SLABS WITH 1/2 INCH EXPANSION MATERIAL. LOWER CONTINUOUS FOOTINGS AND GRADE BEAMS PERPENDICULAR TO PIPE RUNS TO ALLOW PIPES TO PASS ABOVE THE FOOTINGS OR THROUGH THE GRADE BEAMS. ALTERNATIVELY, PROVIDE A CONCRETE JACKET IF PIPES ARE LOW ENOUGH TO BE PLACED BELOW THE FOOTINGS AND GRADE BEAMS. LOWER FOOTINGS AND GRADE BEAMS PARALLEL TO PIPE RUNS TO AVOID SURCHARGE ONTO ADJACENT TRENCH EXCAVATIONS.
- MAINTAIN SUBGRADE AND FILL MOISTURE CONTENT UNTIL FOUNDATIONS ARE PLACED.
- ARRANGE FOR CONTRACTOR'S INDEPENDENT TESTING AGENCY TO MONITOR CUT AND FILL OPERATIONS AND PERFORM FIELD DENSITY AND MOISTURE CONTENT TESTS TO VERIFY COMPACTION AND APPROVE FOOTING SUBGRADES PRIOR TO PLACING CONCRETE.
- DO NOT PLACE FOOTINGS OR SLABS AGAINST SUBGRADE CONTAINING FREE WATER, FROST, OR ICE.
- MAINTAIN PROPER SITE DRAINAGE DURING CONSTRUCTION TO ENSURE SURFACE RUNOFF AWAY FROM STRUCTURES AND TO PREVENT PONDING OF SURFACE RUNOFF NEAR THE STRUCTURES.
- KEEP OPEN EXCAVATIONS AROUND BUILDING PERIMETER DRY. BACKFILL AGAINST FOUNDATIONS AND GRADE BEAMS AS SOON AS PRACTICAL. PUMP WATER OUT OF OPEN EXCAVATIONS, IF FLOODED PRIOR TO BACKFILLING.
- RETAINING WALLS ARE DESIGNED FOR AN EQUIVALENT LATERAL HORIZONTAL PRESSURE OF 50 PCF.
- DO NOT BACKFILL WALLS UNTIL BASEMENT AND 1ST FLOOR SLABS HAVE ATTAINED 100 PERCENT OF THE SPECIFIED 28-DAY COMPRESSIVE STRENGTH. IF THE WALLS ARE BACKFILLED PRIOR TO COMPLETION OF 1ST AND BASEMENT FLOORS BEFORE THE SPECIFIED PERCENT STRENGTH CAN BE ATTAINED, BRACE THE WALLS FOR THE SPECIFIED DESIGN PRESSURE. SUBMIT BRACE DESIGN FOR CONTRACTING OFFICER REVIEW.
- DESIGN CAPACITIES FOR DRILLED CAISSON BEARING ARE GIVEN IN THE ABOVE MENTIONED SUPPLEMENTAL GEOTECHNICAL REPORT AS CAPACITY VERSUS DEPTH CHARTS. GEOTECHNICAL ENGINEER SHALL VERIFY THE PENETRATION DEPTHS DURING CONSTRUCTION AGAINST THE REQUIRED CAPACITIES SHOWN ON FOUNDATION PLANS.
- PLACE CONCRETE FOR CAISSON HOLES WITHIN 8 HOURS AFTER DRILLING. DO NOT LEAVE HOLE OPEN OVERNIGHT.
- USE OF TEMPORARY CASING TO PREVENT CAVING OR SLOUGHING OF THE EXCAVATION, OR TO PREVENT INFILX OF WATER WILL NOT BE ALLOWED. CONTRACTOR SHALL USE THE SLURRY METHOD OF CAISSON CONSTRUCTION TO PREVENT THE EXCAVATION FROM CAVING OR TO PREVENT WATER ENTERING THE EXCAVATION.
- COORDINATE LOCATION OF EXISTING UTILITIES WITH CIVIL DRAWINGS AND THE OWNER. TAKE NECESSARY PRECAUTIONS DURING CAISSON CONSTRUCTION NOT TO DAMAGE THE EXISTING UTILITIES.
- CLEAN BOTTOM OF EACH CAISSON HOLE OF LOOSE MATERIALS.
- PLACE CONCRETE USING A HOPPER AND CHUTE PIPE. PROVIDE CONCRETE FREE FALL OF LESS THAN 10 FEET.
- REMOVE LAITANCE MATERIAL FROM THE TOP OF EACH CAISSON PRIOR TO PLACING CONCRETE.
- ARRANGE FOR INDEPENDENT TESTING AGENCY TO INSPECT PIER HOLES PRIOR TO PLACING CONCRETE AND VERIFY PIER SIZE, REINFORCING, DEPTH, BEARING STRATA, EMBEDMENT DEPTH AND REMOVAL OF CUT MATERIALS.
- REMOVE EXCESS CONCRETE AT TOP OF CAISSONS BEYOND THE LIMITS OF THE PIER DIAMETER. CONSTRUCT CAISSON CAPS TO SPECIFIED DIMENSIONS.
- FORM SIDES OF GRADE BEAMS STRAIGHT AND TO SPECIFIED DIMENSIONS. EARTH FORMS WILL NOT BE PERMITTED.

FIELD INSTALLED EXPANSION BOLTS

- INSTALL BOLTS IN ACCORDANCE WITH CURRENT ICC-ES REPORT FOR THE BOLT, AND RECOMMENDATIONS OF THE MANUFACTURER.
- INSTALL BOLTS PERPENDICULAR TO THE FACE OF CONCRETE. DEVIATION FROM PERPENDICULAR GREATER THAN 10 DEGREES WILL NOT BE ACCEPTABLE.
- CREATE A TEMPLATE AT EACH EXPANSION BOLT CONNECTION LOCATION PRIOR TO FABRICATING HOLES IN CONNECTION PLATES. MAKE TEMPLATE BY LOCATING EXISTING REBAR WITH A PACHOMETER. REPOSITION BOLTS A MAXIMUM OF 1-1/2 INCHES TO AVOID CONFLICTS WITH EXISTING REINFORCING.
- DRILL HOLES SAME NOMINAL DIAMETER OF BOLT. DO NOT ENLARGE OR REDIRECT HOLES ALONG LENGTH OF BOLT.
- DRILL HOLES IN CONTINUOUS OPERATION. BLOW DUST FROM THE HOLE USING COMPRESSED AIR.
- FILL ABANDONED HOLES WITH EPOXY GROUT.
- AIM WEDGES AWAY FROM CONCRETE EDGES LESS THAN 9 INCHES FROM THE CENTER LINE OF THE HOLE. TIGHTEN NUTS AGAINST SMOOTH WASHERS TO MINIMUM TORQUE RECOMMENDED BY MANUFACTURER.
- PROVIDE HOLES IN CONNECTION PLATES NO MORE THAN 1/16 INCH LARGER THAN THE BOLT DIAMETER. IF LARGER HOLES ARE NEEDED FOR ERECTION PURPOSES, PROVIDE PLATE WASHERS WELDED TO CONNECTION PLATE TO TRANSFER THE BOLT LOAD.
- FIELD DRILLED EXPANSION BOLTS SHALL BE CONTINUOUSLY INSPECTED BY TESTING LABORATORY TO ENSURE THAT HOLES ARE OF PROPER DIAMETER AND LENGTH, THAT BOLTS ARE INSTALLED CORRECTLY, AND THAT MINIMUM INSTALLATION TORQUES ARE OBTAINED.

REINFORCING STEEL NOTES

- PROVIDE DETAILING, FABRICATION, AND INSTALLATION OF REINFORCING AND ACCESSORIES IN ACCORDANCE WITH ACI 315 AND ACI 318.
- PROVIDE NEW BILLET STEEL REINFORCING BARS IN ACCORDANCE WITH ASTM A 615, GRADE 60.
- PROVIDE WELDED WIRE FABRIC IN ACCORDANCE WITH ASTM A 185. LAP WELDED WIRE FABRIC TWO FULL MESH PANELS AND TIE SECURELY.
- PROVIDE ANCHOR BOLTS CONFORMING TO THE STANDARDS OF ASTM F1554 GR 36 UNLESS OTHERWISE NOTED.
- PROVIDE DEFORMED BAR ANCHORS CONFORMING TO THE STANDARDS OF ASTM A496.
- COORDINATE PLACEMENT OF CAST-IN-PLACE EMBEDMENTS AND ANCHOR BOLTS. SET ANCHOR BOLTS WITH A TEMPLATE. SECURELY ATTACH EMBEDDED ITEMS TO FORMWORK OR REINFORCING.
- PROVIDE CLASS "B" REINFORCEMENT SPLICES FOR CONTINUOUS REINFORCEMENT. PROVIDE STANDARD 90-DEGREE HOOKS IN ACCORDANCE WITH ACI 318 AT ALL DISCONTINUOUS ENDS OF BARS, UNLESS OTHERWISE NOTED. STAGGER SPLICES UNLESS SPECIFICALLY NOTED.
- MAINTAIN THE FOLLOWING CONCRETE COVERAGE FOR REINFORCING STEEL UNLESS OTHERWISE NOTED:
 - CONCRETE CAST AGAINST EARTH: 3"
 - CONCRETE EXPOSED TO WEATHER:
 - NO. 6 AND LARGER 2"
 - NO. 5 AND SMALLER 1 1/2"
 - CONCRETE NOT EXPOSED TO WEATHER:
 - SLABS AND WALLS -NO. 14 AND NO. 18 1 1/2"
 - NO. 11 AND SMALLER 3/4"
 - BEAM STIRRUPS AND COLUMN 1 1/2"
- DO NOT WELD OR BEND REINFORCEMENT IN THE FIELD UNLESS SPECIFICALLY SHOWN OR APPROVED BY STRUCTURAL ENGINEER.
- WHEN SPECIFICALLY APPROVED, PROVIDE WELDED REINFORCEMENT ACCORDANCE WITH ASTM A 706 GRADE 60. USE LOW HYDROGEN ELECTRODES FOR WELDING OF REINFORCEMENT IN CONFORMANCE WITH "RECOMMENDED PRACTICES FOR WELDING REINFORCING STEEL", AMERICAN WELDING SOCIETY, AWS D1.4.
- WHERE REQUIRED, PROVIDE DOWELS TO MATCH SIZE AND SPACING OF MAIN REINFORCING.
- PROVIDE CONTINUOUS HORIZONTAL WALL REINFORCEMENT WITH 90-DEGREE BENDS AND EXTENSIONS AT CORNERS AND INTERSECTIONS AS SHOWN ON TYPICAL BAR PLACING DETAILS.
- PROVIDE BAR SUPPORT ACCESSORIES IN ACCORDANCE WITH THE LATEST ACI MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES.
- PROVIDE BAR SUPPORTS WITH PLASTIC COATED LEGS OR HOT DIP GALVANIZING AFTER FABRICATION FOR CONCRETE EXPOSED TO VIEW. PROVIDE STAINLESS STEEL BAR SUPPORTS FOR CONCRETE TO RECEIVE A SANDBLAST FINISH.

CONCRETE NOTES

- PROVIDE DIFFERENT CLASSES OF CONCRETE AS SHOWN BELOW. PROVIDE BATCH MIXING, TRANSPORTATION, PLACING AND CURING OF CONCRETE IN ACCORDANCE WITH RECOMMENDATIONS OF ACI 301 AND ACI 318. USE TYPE I PORTLAND CEMENT (ASTM C150) UNLESS OTHERWISE NOTED. PROVIDE ADMIXTURES AND SPECIAL REQUIREMENTS AS SPECIFIED.
 - NORMAL WEIGHT(150 PCF), F'c = 3,000 PSI CONCRETE AT 28 DAYS.
 - DRILLED PIERS AND PIER CAPS.
 - FOOTINGS.
 - NORMAL WEIGHT (150 PCF), F'c = 3,500 PSI CONCRETE AT 28 DAYS.
 - COMPOSITE SLAB ON METAL DECK.
 - NORMAL WEIGHT (150 PCF), F'c = 4,000 PSI CONCRETE AT 28 DAYS.
 - WALLS.
 - ALL CONCRETE GRADE SUPPORTED SLABS AND GRADE BEAMS.
 - CONCRETE COLUMNS AND ELEVATED CONCRETE BEAMS AND SUSPENDED SLABS.
- UNLESS SPECIFIED BELOW, CONCRETE MUST REACH THE FOLLOWING PERCENTAGES OF ITS 28 DAY COMPRESSIVE STRENGTH (F'c) BEFORE FORMS MAY BE REMOVED:
 - WALLS, COLUMNS AND BEAM SIDES: 40 PERCENT
- PROVIDE CONCRETE MIXES DESIGNED BY A QUALIFIED TESTING LABORATORY FOR REVIEW AND APPROVAL BY THE STRUCTURAL ENGINEER.
- PROVIDE CONSTRUCTION AND CONTROL JOINTS AS INDICATED ON DRAWINGS. HORIZONTAL CONSTRUCTION JOINTS ARE NOT ALLOWED UNLESS SPECIFICALLY NOTED OR APPROVED BY STRUCTURAL ENGINEER. NOTIFY STRUCTURAL ENGINEER OF PROPOSED CONSTRUCTION JOINT OR CONTROL JOINT LOCATIONS WHICH ARE DIFFERENT OR IN ADDITION TO JOINTS INDICATED ON DRAWINGS. PROVIDE 10,000-SQUARE FOOT MAXIMUM AREA OF CONCRETE PLACEMENT IN THE SLAB BETWEEN CONSTRUCTION JOINTS. PROVIDE 75-FOOT MAXIMUM SPACING OF CONSTRUCTION JOINTS IN GRADE BEAMS. PROVIDE GRADE BEAM CONSTRUCTION JOINTS IN MIDDLE 1/3 OF THE SPAN. WHEN A BEAM INTERSECTS A GIRDER WITHIN THE MIDDLE 1/3 OF THE GIRDERS SPAN, OFFSET THE JOINT IN THE GIRDER A DISTANCE EQUAL TO TWICE THE WIDTH OF THE BEAM.
- PROVIDE CONSTRUCTION JOINTS IN WALLS SPACED LESS THAN 60 FEET APART IN ANY DIRECTION.
- CHAMFER EXPOSED EDGES 3/4 INCH UNLESS NOTED OTHERWISE.
- WIRE BRUSH AND CLEAN CONSTRUCTION JOINTS PRIOR TO POURING NEW CONCRETE.
- REFERENCE THE APPROPRIATE DISCIPLINE DRAWINGS FOR SUBSLAB PIPING, FLOOR DRAINS AND SLAB AND WALL PENETRATIONS.
- PROVIDE ADEQUATE STRUCTURAL FRAMING AS APPROVED BY STRUCTURAL ENGINEER FOR MECHANICAL OPENINGS THROUGH THE SLABS, WALLS AND FLOOR DECK. OPENINGS WILL NOT BE PERMITTED THROUGH BEAMS UNLESS SPECIFICALLY DETAILED OR APPROVED.
- FOR PIPE INSTALLED HORIZONTALLY WITHIN SLAB, PROVIDE MAXIMUM OUTSIDE DIAMETER OF 30 PERCENT OF THE SLAB THICKNESS. PLACE CONDUIT OR PIPE BETWEEN THE TOP AND BOTTOM LAYERS OF REINFORCEMENT WITHIN THE CENTER THIRD OF THE SLAB. DO NOT SPACE CONDUITS OR PIPE CLOSER THREE DIAMETERS OR WIDTHS ON CENTER.
- PLACE SPECIFIED CONTINUOUS WATERSTOPS IN ALL EXTERIOR BELOW GRADE CONSTRUCTION JOINTS AND ELSEWHERE AS SHOWN IN DRAWINGS.

STRUCTURAL MASONRY NOTES

- REINFORCED MASONRY WORK AND MATERIALS TO BE IN ACCORDANCE WITH THE BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES A.C.I. 530/ ASCE 5/ TMS 402.
- REINFORCED MASONRY TO CONFORM TO THE SPECIFICATIONS FOR MASONRY STRUCTURES ACI 530.1/ ASCE 6/ TMS 602 (WITH THE EXCEPTIONS NOTED IN JOB SPECIFICATIONS).
- PROVIDE CONCRETE MASONRY UNITS (CMU) OF LIGHTWEIGHT (105 PCF), GRADE N, TYPE 1, 1900 PSI COMPRESSIVE STRENGTH ON NET AREA, CONFORMING TO THE LATEST EDITION OF ASTM C 90. LAY UNITS IN RUNNING BOND UNLESS OTHERWISE NOTED.
- PROVIDE MASONRY MORTAR MEETING THE REQUIREMENTS OF TYPE S PER ASTM C 270. PROVIDE AGGREGATES FOR MORTAR CONFORMING TO ASTM C 144. PROVIDE MORTAR WITH A MINIMUM COMPRESSIVE STRENGTH OF 1,800 PSI AT 28 DAYS.
- PROVIDE MASONRY GROUT WITH MINIMUM 28-DAY COMPRESSIVE STRENGTH OF 3,000 PSI TESTED IN ACCORDANCE WITH ASTM C 1019. GROUT TO MEET THE MINIMUM REQUIREMENTS SPECIFIED IN ASTM C 476.
- PROVIDE MASONRY ASSEMBLAGES WITH MINIMUM PRISM STRENGTH (F'm) OF 1,500 PSI, TESTED IN ACCORDANCE WITH ASTM C 140.
- PROVIDE CONCRETE MASONRY UNITS IN ACCORDANCE ASTM C 426 LIMITS FOR DRYING SHRINKAGE OF CONCRETE BLOCKS.
- PROVIDE VERTICAL REINFORCEMENT IN CMU WALLS AS SHOWN IN DRAWINGS. FILL THE REINFORCED CELLS SOLID WITH GROUT. MAXIMUM HEIGHT OF GROUT POURS TO BE AS PER ACI 530.1 TABLE 7.
- PROVIDE HORIZONTAL JOINT REINFORCING IN WALLS AT 16" ON CENTER VERTICAL SPACING. JOINT REINFORCING TO BE HOT DIP GALVANIZED, 3/16" SIDE RODS WITH 9 GAGE CROSS TIES, TRUSS TYPE, CONFORMING TO A.S.T.M. A 82. SPACE JOINT REINFORCEMENT AT 8" ON CENTER IN THE PARAPETS. LAP SPLICE ENDS A MINIMUM OF 12" AT SPLICES.
- LAY HOLLOW UNITS WITH FULL MORTAR COVERAGE ON HORIZONTAL AND VERTICAL FACE SHELLS. PROVIDE FULL MORTAR COVERAGE FOR WEBS WHEN ADJACENT TO GROUTED CELLS.
- ALIGN VERTICAL CELLS TO BE FILLED WITH GROUT TO PROVIDE CONTINUOUS UNOBSTRUCTED VERTICAL CELLS. REMOVE OVERHANGING MORTAR OR OTHER OBSTRUCTION AND DEBRIS FROM THE INSIDES OF SUCH CELL WALLS. PROVIDE GROUT WITH 8 INCH SLUMP AND CONSOLIDATE BY MEANS OF HAND TAMPING TO ENSURE COMPLETE FILLING OF CELLS.
- PROVIDE 8-INCH HIGH BOND BEAM (MINIMUM DEPTH UNLESS OTHERWISE NOTED) AT TOP OF ALL CMU WALLS. REINFORCE BOND BEAM AS INDICATED. IF BOND BEAMS AT INTERSECTING WALLS MEET AT DIFFERENT ELEVATIONS, EXTEND BOND BEAMS AROUND INTERSECTING CORNER TO FIRST INTERIOR REINFORCED CELL, BUT NOT LESS THAN 4 FEET. CONSTRUCT BOND BEAMS WITH PORTLAND CEMENT GROUT, 3,000 PSI MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS AND A MAXIMUM AGGREGATE SIZE OF 3/8".
- PROVIDE MINIMUM 1 #5 VERTICAL REINFORCING AT CORNERS OF CMU WALLS. PROVIDE 2 #5 VERTICAL REINFORCING AT ENDS OF WALLS, EACH SIDE OF CONTROL JOINT, AND EACH SIDE OF WALL OPENINGS. PROVIDE MINIMUM 3/8" THROUGH-WALL CONTROL JOINTS AT 40'-0" MAXIMUM SPACING OR AT LOCATIONS DETAILED ON THE ARCHITECTURAL DRAWINGS.
- INSTALL ANCHORS, ACCESSORIES, AND OTHER ITEMS TO BE BUILT IN AS WORK PROGRESSES.
- LAP SPLICE VERTICAL REINFORCING MINIMUM OF 40 BAR DIAMETERS OR 24 INCHES, WHICHEVER IS GREATER.
- PERFORM CUTTING AND FITTING OF MASONRY WITH MASONRY SAWS PROVIDING CUT FINISHED UNITS.
- GROUT CELLS AT OR BELOW FINISHED GRADE ARE TO BE GROUTED SOLID.
- WHEN A FOUNDATION DOWEL DOES NOT LINE UP WITH A VERTICAL CORE, DO NOT SLOPE DOWEL MORE THAN ONE HORIZONTAL TO SIX VERTICAL.

STRUCTURAL STEEL NOTES

- DESIGN, DETAIL AND ERECT STRUCTURAL STEEL ELEMENTS IN ACCORDANCE WITH THE CODES & STANDARDS REFERENCED IN THE BUILDING CODE FOR THIS PROJECT.
 - AISC SPECIFICATION FOR THE DESIGN, FABRICATION, AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS.
 - AISC MANUAL OF STEEL CONSTRUCTION, LOAD AND RESISTANCE FACTOR DESIGN.
 - AISC CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES.
 - AWS STRUCTURAL WELDING CODE, D1.1.
- PROVIDE STRUCTURAL STEEL OF THE FOLLOWING ASTM DESIGNATIONS UNLESS NOTED OTHERWISE:
 - WIDE FLANGE SHAPES AND TEES ASTM A 992
 - OTHER ROLLED SHAPES, BENT PLATES, HANGERS AND BRACES ASTM A 36
 - STRUCTURAL PIPE ASTM A 53, TYPE E OR S, GRADE B
 - COLD FORMED STEEL TUBING (HSS) ASTM A 500, GRADE B (46 KSI YIELD)
 - BASE PLATES, MISCELLANEOUS STEEL PLATES, AND RODS ASTM A 36
 - CONNECTION MATERIALS:
 - BEAM COLUMN STIFFENER PLATES AND DOUBLER PLATES TO MATCH THE GRADE STEEL OF STRUCTURAL ELEMENT. ASTM A 36
 - ALL CONNECTION MATERIALS, EXCEPT AS NOTED OTHERWISE HEREIN OR IN THE DRAWINGS, INCLUDING BEARING PLATES, GUSSET PLATES, STIFFENER PLATES, ANGLES, ETC. ASTM A 36
 - HIGH STRENGTH BOLTS ASTM A 325
 - HARDENED STEEL WASHERS ASTM F 436
- WELD MINIMUM SIZE AND STRENGTH
 - PROVIDE MINIMUM SIZE OF FILLET WELDS AS SPECIFIED IN TABLE J2.4 OF THE AISC MANUAL.
 - PROVIDE MINIMUM EFFECTIVE THROAT THICKNESS OF PARTIAL PENETRATION GROOVE WELDS AS SPECIFIED IN TABLE J2.3 OF THE AISC MANUAL.
 - DEVELOP THE FULL TENSILE STRENGTH OF THE MEMBER ELEMENT JOINED, ON ALL SHOP AND FIELD WELDS, UNLESS NOTED OTHERWISE ON THE DRAWINGS.

STRUCTURAL STEEL NOTES CONTINUED

- WHERE CONNECTIONS ARE NOTED ON DRAWINGS AS MOMENT CONNECTIONS, PROVIDE WELDS TO DEVELOP FULL FLEXURAL CAPACITY OF THE LESSER MEMBER.
- PROVIDE ELECTRODES FOR FIELD OR SHOP WELDING THAT CONFORM TO AWS D1.1 CLASS E70.
- PROVIDE MINIMUM OF TWO BOLTS PER CONNECTION. MINIMUM BOLT DIAMETER TO BE 3/4-INCH.
- PROVIDE BOLTS, NUTS AND WASHERS THAT ARE HOT DIP GALVANIZED ACCORDING TO ASTM A 153, CLASS C WHEN USED TO CONNECT STEEL ELEMENTS THAT ARE HOT DIP GALVANIZED AFTER FABRICATION.
- PROVIDE SIMPLE SHEAR CONNECTIONS FOR STEEL CONNECTIONS NOT OTHERWISE SPECIFIED UTILIZING HIGH STRENGTH BEARING BOLTS IN SINGLE OR DOUBLE SHEAR. PROVIDE DOUBLE ANGLE OR SINGLE PLATE SHEAR TAB BOLTED CONNECTIONS.
 - UNLESS LARGER REACTION IS SHOWN ON DRAWINGS, PROVIDE MINIMUM DESIGN FORCES AS FOLLOWS:
 - NONCOMPOSITE BEAMS: BEAM-TO-BEAM OR BEAM-TO-COLUMN CONNECTION TO DEVELOP THE REACTION OF CONNECTED BEAM. OBTAIN END REACTION FROM UNIFORM LOAD TABLES IN PART 5 OF THE AISC MANUAL OF STEEL CONSTRUCTION. PROVIDE MINIMUM SHEAR CAPACITY OF 12,000 POUNDS FOR BEAMS 8 INCHES AND 10 INCHES DEEP. PROVIDE MINIMUM SHEAR CAPACITY OF 8,000 POUNDS FOR BEAMS LESS THAN 8 INCHES DEEP.
 - COMPOSITE BEAMS: OBTAIN END REACTION FOR COMPOSITE BEAMS, FROM UNIFORM LOAD TABLES IN PART 5 OF THE AISC MANUAL OF STEEL CONSTRUCTION, MULTIPLIED BY THE FOLLOWING FACTORS:

BEAM SIZE	FACTOR	BEAM SIZE	FACTOR
W8	3.30	W21	2.10
W10	3.10	W24	2.10
W12	2.80	W27	1.90
W14	2.40	W30	1.80
W16	2.30	W33	1.80
W18	2.20	W36	1.70
 - ADD TO REACTIONS LISTED ABOVE, LOADS OR REACTIONS OF MEMBERS SUPPORTED BY BEAM WITHIN THREE FEET OF BEAM END AND VERTICAL COMPONENTS OF FORCES IN BRACE MEMBERS FRAMING INTO BEAM.
- WHERE HORIZONTAL FORCES AS SHOWN ON PLAN (AS H=___k), THE FABRICATOR SHALL DESIGN THE CONNECTION TO TRANSFER THE HORIZONTAL FORCE IN ADDITION TO THE REQUIRED VERTICAL REACTION.
- STEEL FABRICATION
 - FABRICATE AND ASSEMBLE STRUCTURAL MEMBERS/ASSEMBLIES IN SHOP TO GREATEST EXTENT POSSIBLE.
 - CAMBER OF STRUCTURAL STEEL MEMBERS IS INDICATED ON THE DRAWINGS. WHERE POSSIBLE, CAMBER OF BEAMS TO BE APPLIED BY COLD BEND PROCESS. CAMBER INDICATED ON DRAWINGS ARE INTENDED TO BE FINAL CAMBER AT TIME OF ERECTION, AND WITHIN A TOLERANCE OF MINUS ZERO TO PLUS ONE-EIGHTH INCH FOR EACH TEN FEET OF MEMBER LENGTH.
 - SPLICING OF STRUCTURAL STEEL MEMBERS IS PROHIBITED WITHOUT PRIOR APPROVAL BY THE A/E.
 - BE RESPONSIBLE FOR ALL ERRORS OF DETAILING ON THE SHOP DRAWINGS, ERRORS IN FABRICATION, AND THE CORRECT FITTING OF STRUCTURAL STEEL MEMBERS.
- CONFORM TO THE AISC CODE OF STANDARD PRACTICE, FOR ERECTION TOLERANCES. FIELD MODIFICATION TO STRUCTURAL STEEL IS PROHIBITED WITHOUT PRIOR APPROVAL BY THE A/E.
- CLEAN STEEL OF RUST, LOOSE MILL SCALE AND OTHER FOREIGN MATERIALS WHERE REQUIRED FOR FABRICATION, FITTING UP, OR WELDING.
- DO NOT CUT STRUCTURAL STEEL MEMBERS FOR THE WORK OF OTHER TRADES WITHOUT PRIOR REVIEW AND APPROVAL OF THE A/E.
- HOT DIP GALVANIZE AFTER FABRICATION STRUCTURAL STEEL AND THEIR CONNECTIONS PERMANENTLY EXPOSED TO THE OUTSIDE. SUCH ITEMS INCLUDE BUT ARE NOT LIMITED TO:
 - SHELF ANGLES.
 - PARAPET WALL SUPPORTING MEMBERS.
 - SCREEN WALL SUPPORTING MEMBERS.
 - EMBEDDED PLATES IN CONCRETE.
 - BUILDING CLADDING SUPPORT STEEL.

EXAMINE THE ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR OTHER ITEMS THAT REQUIRE HOT DIPPED GALVANIZING.

- PROVIDE GROUT FOR BASE PLATES THAT IS NON-SHRINK, NON-METALLIC GROUT WITH MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 5000 PSI. COMPLETE GROUT WORK BEFORE ROOF CONCRETE POURING OF A SINGLE STORY BUILDING OR SECOND FLOOR CONCRETE POURING OF A MULTIPLE STORY BUILDING.
- SUBMIT CALCULATIONS FOR CONNECTION DESIGNS NOT DETAILED ON DRAWINGS. DESIGN CONNECTIONS UNDER SUPERVISION OF REGISTERED PROFESSIONAL ENGINEER, REGISTERED IN THE STATE WHERE PROJECT IS BEING CONSTRUCTED, EMPLOYED BY THE STEEL FABRICATOR. DESIGN CALCULATIONS TO BE SEALED BY FABRICATOR'S REGISTERED PROFESSIONAL ENGINEER. SHOP DRAWINGS SUBMITTED WITHOUT COMPLETE DESIGN CALCULATIONS WILL NOT BE REVIEWED. WHERE PREDESIGNED CONNECTIONS ARE TAKEN DIRECTLY FROM TABLES IN AISC MANUAL, CALCULATIONS NEED NOT BE SUBMITTED PROVIDED JOB DESIGN CONDITIONS PRECISELY MATCH THOSE ASSUMED IN THE AISC MANUAL. NOTE IN THE SHOP DRAWINGS THE REACTIONS, CAPACITIES, AND APPLICABLE AISC TABLE FOR SUCH CONNECTIONS.
- FURNISH STEEL SHOP DRAWINGS FOR ARCHITECT'S AND STRUCTURAL ENGINEERS REVIEW PRIOR TO FABRICATION. INCLUDE WELDING PROCEDURES, TESTING PROGRAMS FOR WELDING AND HIGH STRENGTH BOLTING, COATING MATERIAL AND ERECTION SEQUENCE ON SHOP DRAWINGS.
- MILL STEEL COLUMN ENDS TO FIT FLUSH WITH BASE PLATE, CAP PLATE AND END PLATES. FIELD ASSEMBLY OF THESE STEEL ELEMENTS TO THE COLUMNS IS PROHIBITED.
- HEADED STUDS (SHEAR AND ANCHOR) AND DEFORMED ANCHORS.

- PROVIDE HEADED STUDS (SHEAR AND ANCHOR) MADE OF MATERIAL CONFORMING TO ASTM A 108.
- PROVIDE DEFORMED ANCHORS MADE OF MATERIAL CONFORMING TO ASTM A 496.
- WELD STUDS ACCORDING TO MANUFACTURER'S RECOMMENDATIONS. MANUAL ARC(STICK) WELDING OF HEADED STUDS AND/ OR DEFORMED ANCHORS IS NOT ALLOWED.

REVISIONS	DATE
"As-BUILT" DOCUMENT REVISIONS	10/08/12

AS-BUILT DRAWINGS
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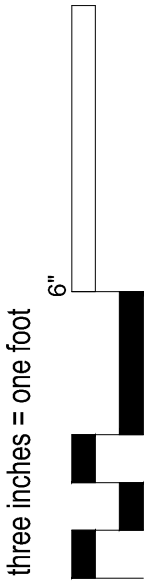
Drawing Title	STRUCTURAL GENERAL NOTES		
Approved: Project Director			

Project Title	Outpatient Mental Health Improvements Overton Brooks Veterans Administration Medical Center
Project Number	667-081
Building Number	Bldg. 1, South Wing
Location	Sheveport, Louisiana
Date	01/20/2010
Checked	KJL
Drawn	RPA
Drawing Number	S002
Dwg.	49 of 123

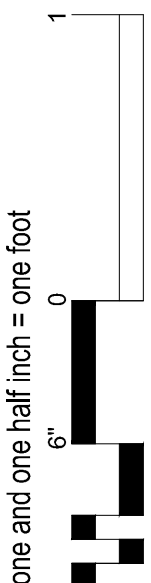
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Facility
Management

Project Status

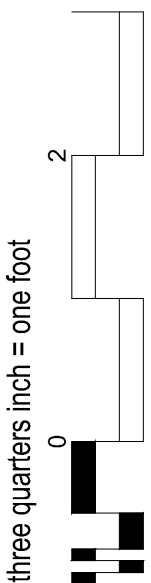
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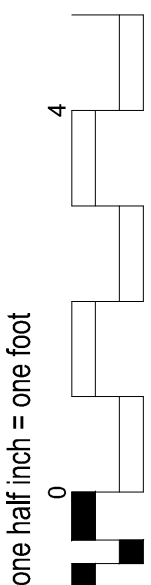
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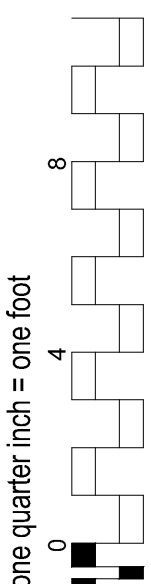
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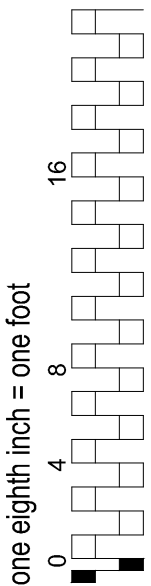
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METAL DECK NOTES

- A. PROVIDE DESIGN, FABRICATION, AND ERECTION OF METAL DECK CONFORMING TO THE STEEL DECK INSTITUTE'S "CODE OF RECOMMENDED STANDARD PRACTICE AND BASIC DESIGN SPECIFICATIONS".
- B. FORM ROOF AND FLOOR DECK FROM STEEL SHEETS CONFORMING TO ASTM A 611 GRADE C AND D, OR ASTM A 653 OR HIGHER SPECIFICATIONS WITH THE FOLLOWING MINIMUM YIELD STRENGTH:
- ROOF DECK: 33 KSI
- COMPOSITE FLOOR DECK: 50 KSI
- C. ATTACH SHEETS TO STEEL SUPPORT MEMBERS AS INDICATED AND IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS FOR INSTALLATION. WHEN DECK IS SCHEDULED TO BE EXPOSED, DE-SLAG, CLEAN AND TOUCHED UP WELDS WITH A ZINC-RICH PRIMER.
- D. LAP ROOF AND FLOOR DECK ENDS MINIMUM OF 2 INCHES. WHEN FASTENING DECK TO SUPPORT MEMBERS PROVIDE WELDING MATERIALS AND INSTALLATION PROCEDURES TO PREVENT BURNING OF HOLES IN DECK.
- E. PROVIDE 6 INCH CLOSURE STRIP WHERE CHANGES IN DECK DIRECTION OCCUR. CLOSURE TO BE SAME GAGE AS DECK.
- F. AT ENDS OF DECKS OR WHERE CHANGES OF DECK DIRECTION OCCUR, FASTEN TO SUPPORTS AT EACH FLUTE. PROVIDE ADEQUATE CLOSURES AND FASTENERS TO SIDES AT 18 INCHES ON CENTER.
- G. WHERE PARTIAL PANELS MAY BE REQUIRED TO COMPLETE DECK INSTALLATION AT PERIMETER OF STRUCTURE, PROVIDE WELDS IN EACH FLUTE TO STRUCTURAL MEMBERS. INSTALL DECK IN THREE SPAN LENGTHS WHEREVER POSSIBLE.
- H. METAL ROOF DECK:
1. PROVIDE 1-1/2" DEEP, 20 GAGE, WIDE RIB VULCRAFT TYPE B GALVANIZED METAL DECK, OR APPROVED EQUAL, WITH THE FOLLOWING PROPERTIES PER ONE FOOT WIDTH:
- a. $I_n = 0.222 \text{ IN}^4$
- b. $S_p = 0.234 \text{ IN}^3$; $S_n = 0.247 \text{ IN}^3$
2. PROVIDE POSITIVE ATTACHMENT TO FRAMING MEMBERS WITH 5/8 INCH DIAMETER PUDDLE WELDS AT LAP FLUTES AND 12 INCHES ON CENTER BETWEEN THE LAP FLUTES.
3. PROVIDE 5 #10 TEK SCREWS SIDE LAP FASTENERS EQUALLY SPACED BETWEEN SUPPORTS.
4. AT PERIMETER OF DECK, SECURE DECK TO STRUCTURAL MEMBERS WITH SAME ATTACHMENT AND SPACING AS SIDE LAP CONNECTIONS OR PUDDLE WELDS AS NOTED ABOVE.
5. THE METAL ROOF DECK ON THIS PROJECT IS REQUIRED TO PERFORM AS STRUCTURAL DIAPHRAGM, WITH SHEAR LOADS OF 300 POUNDS PER FOOT. ALL WELDS AND SCREWS ARE CRITICAL TO THE SUCCESSFUL PERFORMANCE OF THE DIAPHRAGM.
6. SUSPENDED CEILING, LIGHT FIXTURES, DUCTS OR OTHER UTILITIES SHALL NOT BE SUPPORTED BY THE STEEL DECK.
7. CONTRACTOR SHALL COORDINATE METAL DECK LENGTH AND DETAIL ACTUAL STEEL JOIST/BEAM LAYOUT. ACTUAL STEEL JOIST LAYOUT MAY DIFFER SOMEWHAT FROM THAT SHOWN IN THE CONTRACT DOCUMENTS DUE TO OVERLAPPING JOIST SEAT REQUIREMENTS AT THE SUPPORTS.
- I. COMPOSITE METAL FLOOR DECK:
1. PROVIDE 3" DEEP, 20 GAGE, VULCRAFT VLI GALVANIZED METAL DECK, OR APPROVED EQUAL, WITH THE FOLLOWING PROPERTIES PER ONE FOOT WIDTH:
- a. $I_p = 0.920 \text{ IN}^4$; $I_n = 0.919 \text{ IN}^4$
- b. $S_p = 0.534 \text{ IN}^3$; $S_n = 0.551 \text{ IN}^3$
2. PROVIDE POSITIVE ATTACHMENT TO FRAMING MEMBERS WITH 5/8 INCH DIAMETER PUDDLE WELDS AT LAP FLUTES AND 12 INCHES ON CENTER BETWEEN THE LAP FLUTES. SHEAR STUDS WELDED THROUGH DECK MAY REPLACE PUDDLE WELDS.
3. FASTEN SIDE LAPS WITH #10 TEK SCREWS AT 18 INCHES ON CENTER BETWEEN SUPPORTS.
4. IF SPANS IN CONJUNCTION WITH LOADS REQUIRE DECK TO BE SHORED, SHORE DECK IN ACCORDANCE WITH STEEL DECK INSTITUTE AND MANUFACTURER'S RECOMMENDATIONS.
5. PROVIDE SHEAR STUDS CONFORMING TO THE STANDARDS OF ASTM A 108, GRADES 1015 - 1020, WITH A MINIMUM TENSILE STRENGTH OF 60,000 PSI. AUTOMATICALLY END WELD STUDS IN THE FIELD THROUGH THE DECK IN ACCORDANCE WITH THE SHEAR STUD MANUFACTURER'S INSTRUCTIONS.
6. CENTERED OVER GIRDERS AND PERPENDICULAR TO THE DECK FLUTES, PLACE ADDITIONAL REINFORCEMENT OF NO. 4'S, TEN FEET IN LENGTH, SPACED AT 12 INCHES ON CENTER.
7. MAINTAIN SPECIFIED CONCRETE THICKNESS AT COLUMN LOCATIONS. SLAB THICKNESS ELSEWHERE WILL VARY DUE TO DECK AND BEAM DEFLECTIONS. MAKE ALLOWANCES AND FURNISH MATERIALS TO CREATE SPECIFIED FLOOR ELEVATION, WITHIN SPECIFIED LIMITS.

EPOXY ANCHORED DOWELS AND BOLTS

- A. REFERENCE DRAWINGS FOR EPOXY ANCHORING SYSTEM.
- B. INSTALL BOLTS AND DOWELS IN ACCORDANCE WITH CURRENT ICC-ES REPORT FOR THE BOLT, AND RECOMMENDATIONS OF THE MANUFACTURER. FOLLOW MANUFACTURER'S INSTRUCTIONS EXPLICITLY.
- C. INSTALL BOLTS AND DOWELS PERPENDICULAR TO THE FACE OF CONCRETE, UNLESS OTHERWISE INDICATED IN THE DRAWINGS.
- D. CREATE A TEMPLATE AT EACH BOLT CONNECTION LOCATION PRIOR TO FABRICATING HOLES IN CONNECTION PLATES. MAKE TEMPLATE BY LOCATING EXISTING REBAR WITH A PACHOMETER. REPOSITION BOLTS A MAXIMUM OF 1-1/2 INCHES TO AVOID CONFLICTS WITH EXISTING REINFORCING.
- E. DIAMETER OF DRILLED HOLES SHALL BE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. DO NOT REDIRECT HOLES ALONG LENGTH OF BOLT.
- F. DRILL HOLES IN CONTINUOUS OPERATION. BLOW DUST FROM THE HOLE USING COMPRESSED AIR.
- G. FILL ABANDONED HOLES WITH EPOXY GROUT.
- H. PROVIDE HOLES IN CONNECTION PLATES NO MORE THAN 1/16 INCH LARGER THAN THE BOLT DIAMETER. IF LARGER HOLES ARE NEEDED FOR ERECTION PURPOSES, PROVIDE PLATE WASHERS WELDED TO CONNECTION PLATE TO TRANSFER THE BOLT LOAD.
- I. INSTALLATION OF EPOXY ANCHORED DOWELS AND BOLTS SHALL BE CONTINUOUSLY INSPECTED BY THE TESTING LABORATORY TO ENSURE THAT HOLES ARE OF THE PROPER DIAMETER AND LENGTH, ARE PROPERLY CLEANED, AND THAT BOLTS ARE INSTALLED CORRECTLY.

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CONSTRUCTION SET 01/20/2010

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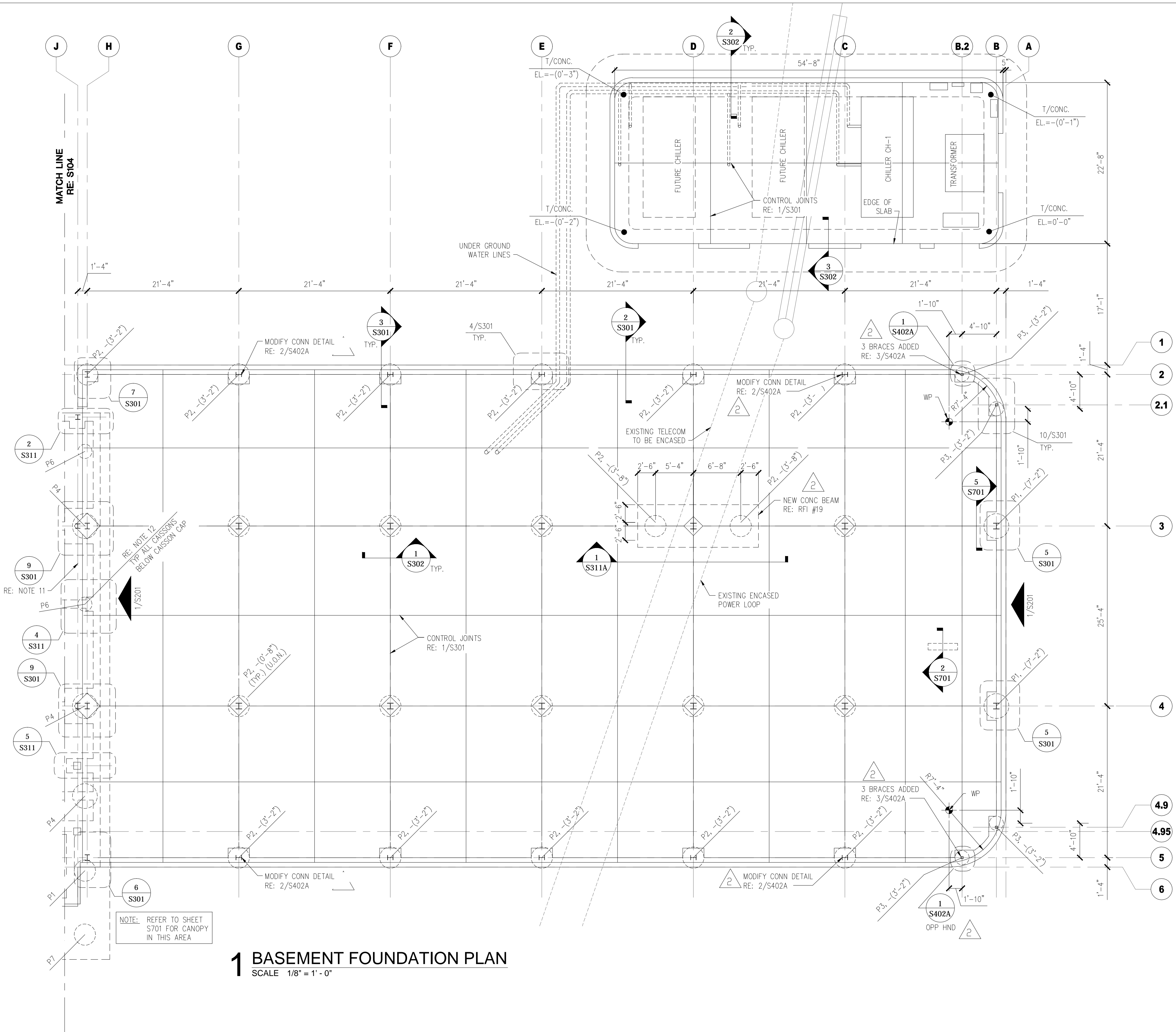
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Drawing Title	
STRUCTURAL GENERAL NOTES	
Approved: Project Director	

Project Title	
Outpatient Mental Health Improvements Overton Brooks Veterans Administration Medical Center	
Location	
Sheveport, Louisiana	
Date	01/20/2010
Checked	KJL
Drawn	RPA
Project Number	
667-081	
Building Number	
Bldg. 1, South Wing	
Drawing Number	
S003	
Dwg. 50 of 123	

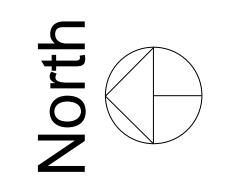
Office of Facility Management	
Project Status	

three inches = one foot
one and one half inch = one foot
three quarters inch = one foot
one half inch = one foot
one quarter inch = one foot
one eighth inch = one foot
01 January, 2000

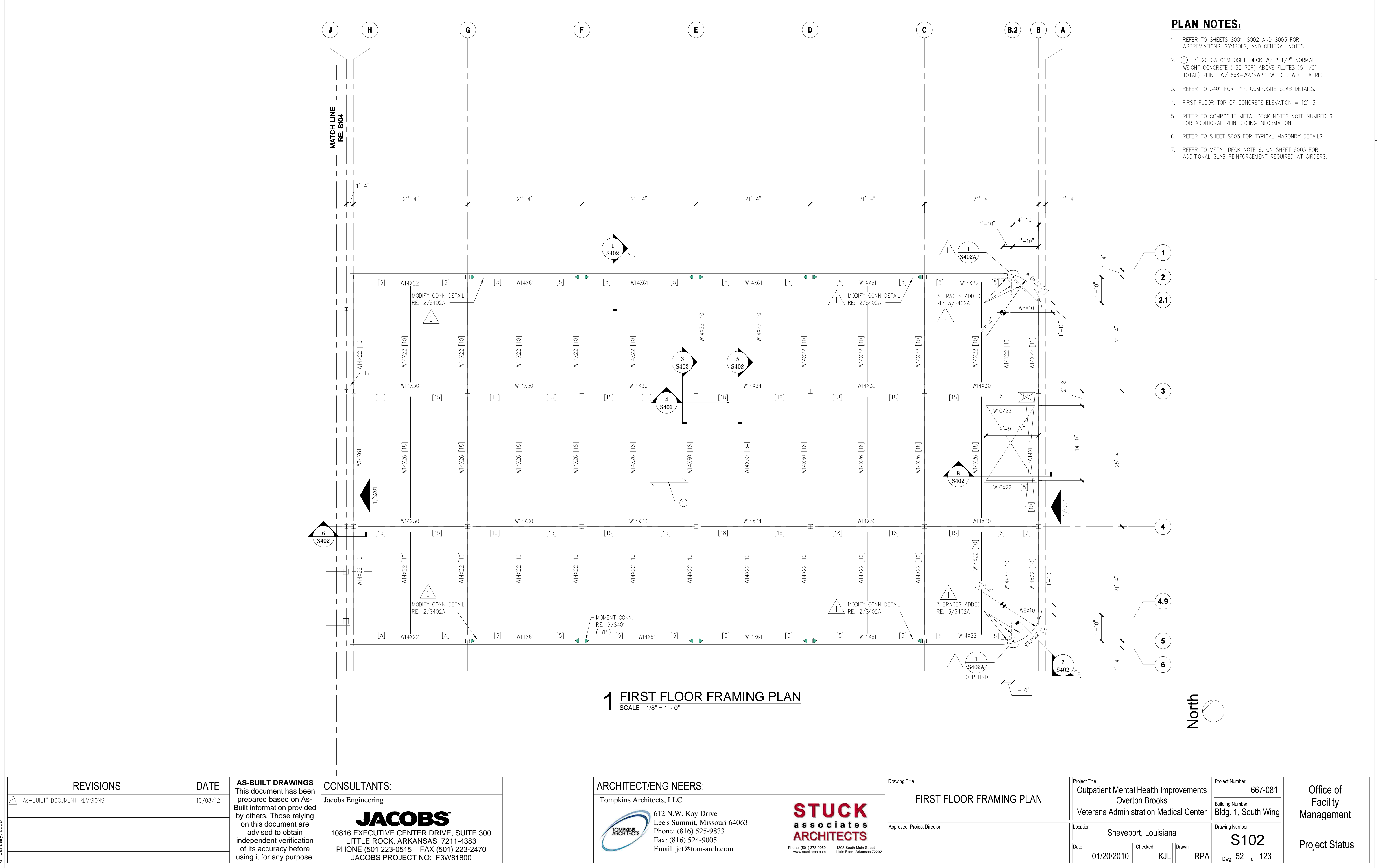


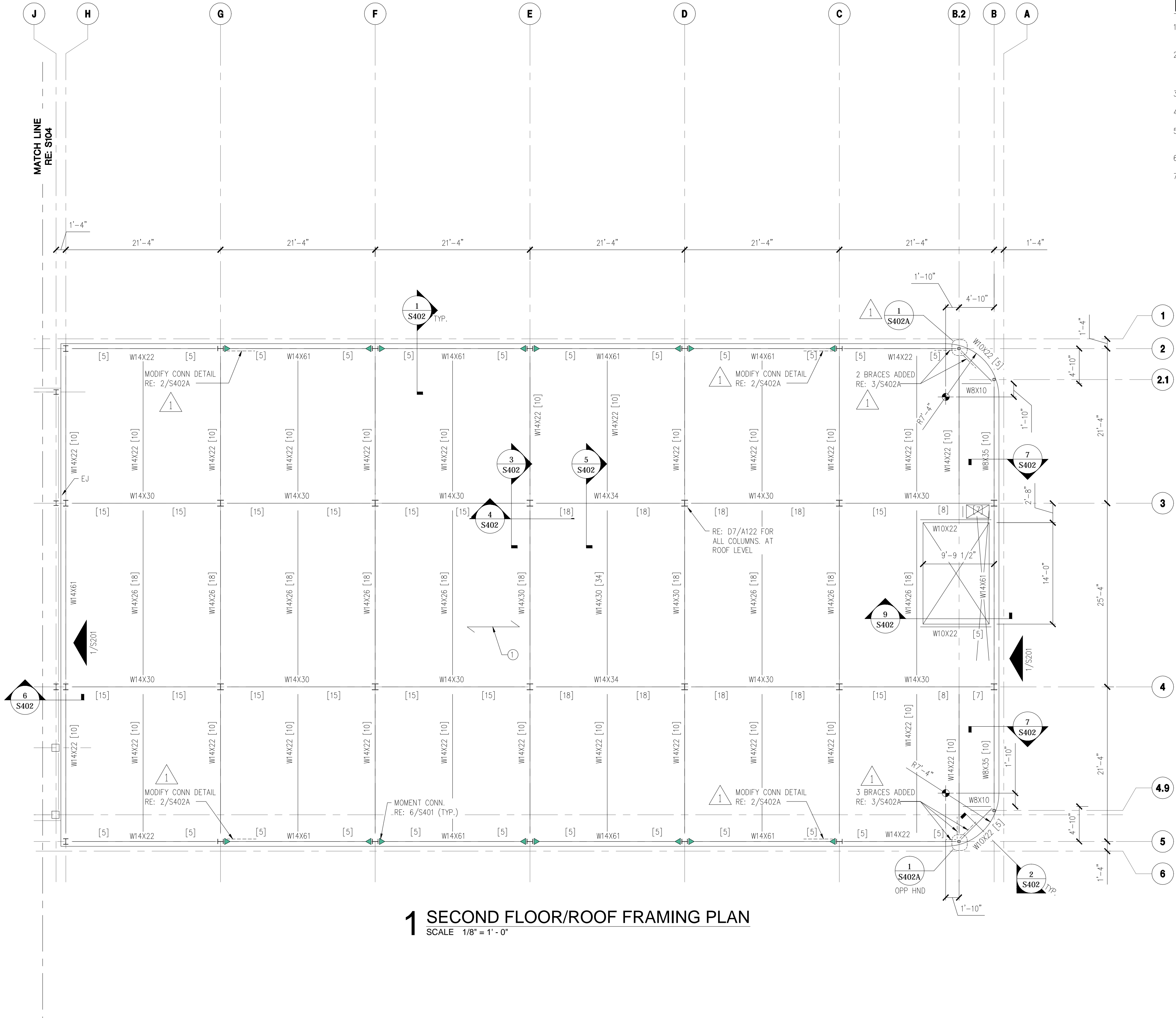
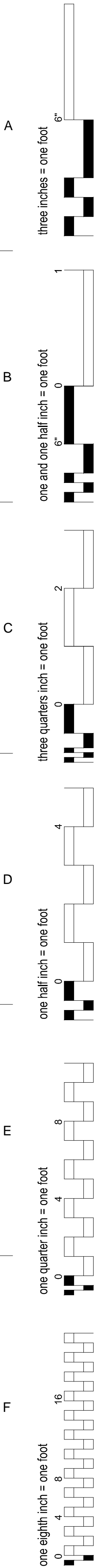
- PLAN NOTES:**
- REFER TO SHEET S001, S002 AND S003 FOR ABBREVIATIONS, SYMBOLS, AND GENERAL NOTES.
 - BASEMENT FLOOR TOP OF CONCRETE ELEVATION = 0'-0"
 - REFER 1/S301 FOR SLAB ON GRADE DETAIL.
 - REFER ARCH FOR WALL SECTIONS AND ELEVATIONS.
 - REFER ARCH, ELEC, MECH, AND PLUMB FOR FLOOR PENETRATIONS, RECESSES, CURBS, AND HOUSEKEEPING PADS. REFER TO 9/S302.
 - REFER S601 FOR COL SCHEDULE, BASE PLATE AND ANCHOR BOLT DETAILS.
 - REFER TO 8/S301 FOR CAISSON SCHEDULE.
 - REFER TO SHEET S603 FOR TYPICAL MASONRY DETAILS.
 - REFER TO SHEET S301, S302 FOR TYPICAL FOUNDATION DETAILS.
 - CONTRACTOR IS RESPONSIBLE FOR PROTECTION OF THE EXISTING UTILITIES UNDER THE BUILDING.
 - FOUNDATION ALONG GRIDLINE H AND NORTH OF GRIDLINE H ARE FOR BIDDING PURPOSES ONLY. FINAL FOUNDATION DESIGN WILL BE PROVIDED AFTER FURTHER DISCUSSION WITH RESUBMITTAL ENGINEER.
 - FOR CAISSONS THAT HAVE UNDEFINED TOP OF CAISSON ELEVATION, TOP OF CAISSON TO BE AT THE BOTTOM OF EXISTING BUILDING FOUNDATION. CONTRACTOR TO COORDINATE FOR BIDDING PURPOSES USE TOP OF CAISSON ELEVATION EQUAL TO (-10'-0").

1 BASEMENT FOUNDATION PLAN
SCALE 1/8" = 1' - 0"



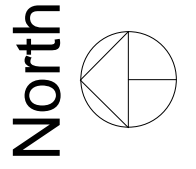
REVISIONS		DATE	AS-BUILT DRAWINGS This document has been prepared based on As-Built information provided by others. Those relying on this document are advised to obtain independent verification of its accuracy before using it for any purpose.	CONSULTANTS: Jacobs Engineering JACOBS 10816 EXECUTIVE CENTER DRIVE, SUITE 300 LITTLE ROCK, ARKANSAS 72114-3833 PHONE (501) 223-0515 FAX (501) 223-2470 JACOBS PROJECT NO: F3W81800	ARCHITECT/ENGINEERS: Tompkins Architects, LLC 612 N.W. Kay Drive Lee's Summit, Missouri 64063 Phone: (816) 525-9833 Fax: (816) 524-9005 Email: jet@tom-arch.com	STUCK associates ARCHITECTS <small>Phone: (501) 378-0059 www.stuckarch.com 1308 South Main Street Little Rock, Arkansas 72202</small>	Drawing Title FOUNDATION PLAN		Project Title Outpatient Mental Health Improvements Overton Brooks Veterans Administration Medical Center	Project Number 667-081	Office of Facility Management Project Status
AMENDMENT 0008-08/01/09		12/01/09					Building Number Bldg. 1, South Wing	Drawing Number S101 Dwg. 51 of 123			
"As-BUILT" DOCUMENT REVISIONS		10/08/12					Location Sheveport, Louisiana				
							Date 01/20/2010		Checked KJL	Drawn RPA	





- PLAN NOTES:**
1. REFER TO SHEETS S001, S002 AND S003 FOR ABBREVIATIONS, SYMBOLS, AND GENERAL NOTES.
 2. ①: 3" 20 GA COMPOSITE DECK W/ 2 1/2" NORMAL WEIGHT CONCRETE (150 PCF) ABOVE FLUTES (5 1/2" TOTAL) REINF. W/ 6x6-W2.1xW2.1 WELDED WIRE FABRIC.
 3. REFER TO S401 FOR TYP. COMPOSITE SLAB DETAILS.
 4. FIRST FLOOR TOP OF CONCRETE ELEVATION = 12'-3".
 5. REFER TO COMPOSITE METAL DECK NOTES NOTE NUMBER 6 FOR ADDITIONAL REINFORCING INFORMATION.
 6. REFER TO SHEET S603 FOR TYPICAL MASONRY DETAILS.
 7. REFER TO METAL DECK NOTE 6 ON SHEET S003 FOR ADDITIONAL SLAB REINFORCEMENT REQUIRED AT GIRDERS.

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



REVISIONS	DATE
1. "As-BUILT" DOCUMENT REVISIONS	10/08/12

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Drawing Title
SECOND FLOOR ROOF FRAMING PLAN
Approved: Project Director

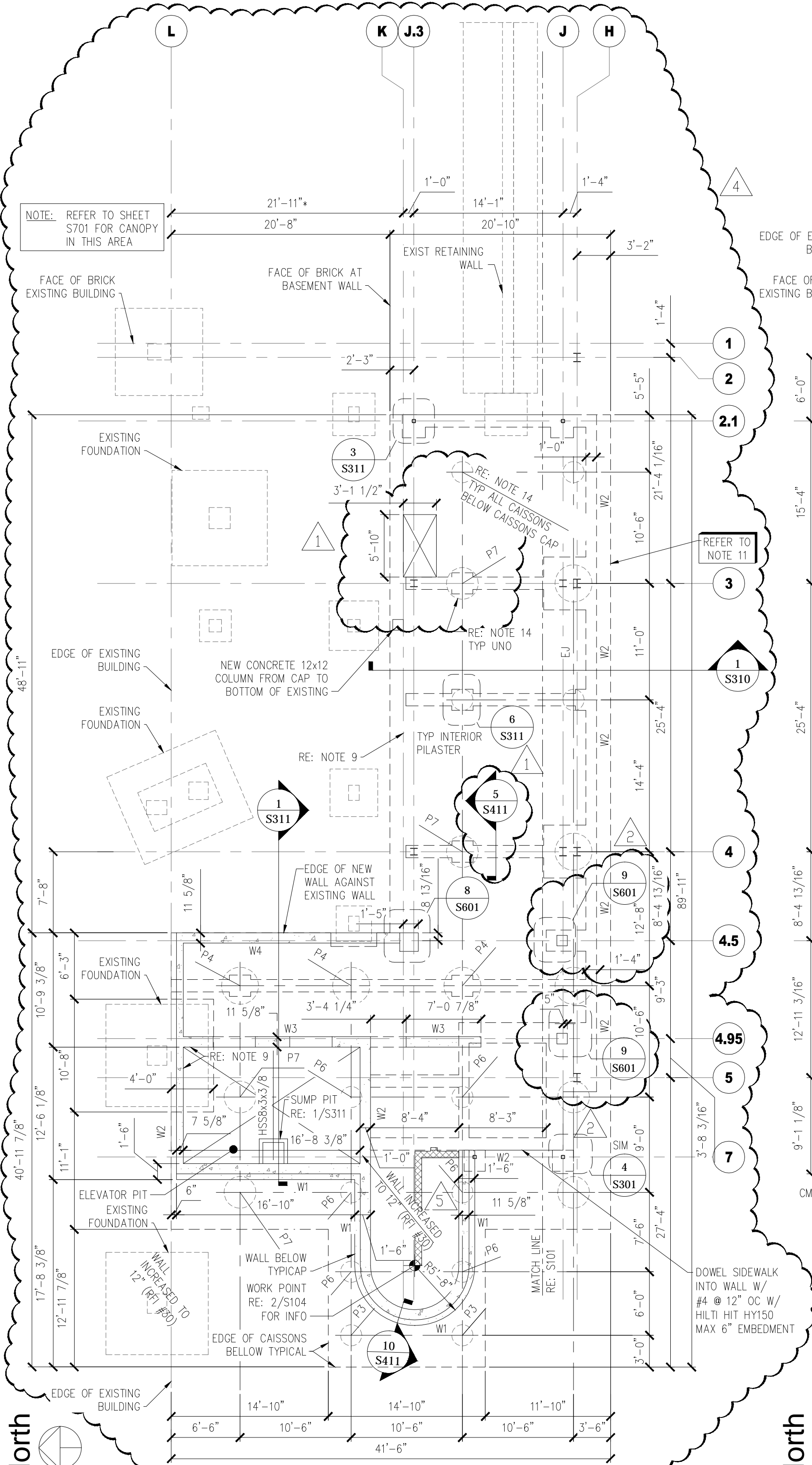
Project Title
Outpatient Mental Health Improvements
Overton Brooks
Veterans Administration Medical Center
Location
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Date
01/20/2010
Checked
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Project Number
667-081
Building Number
Bldg. 1, South Wing
Drawing Number
S103
Dwg. 53 of 123

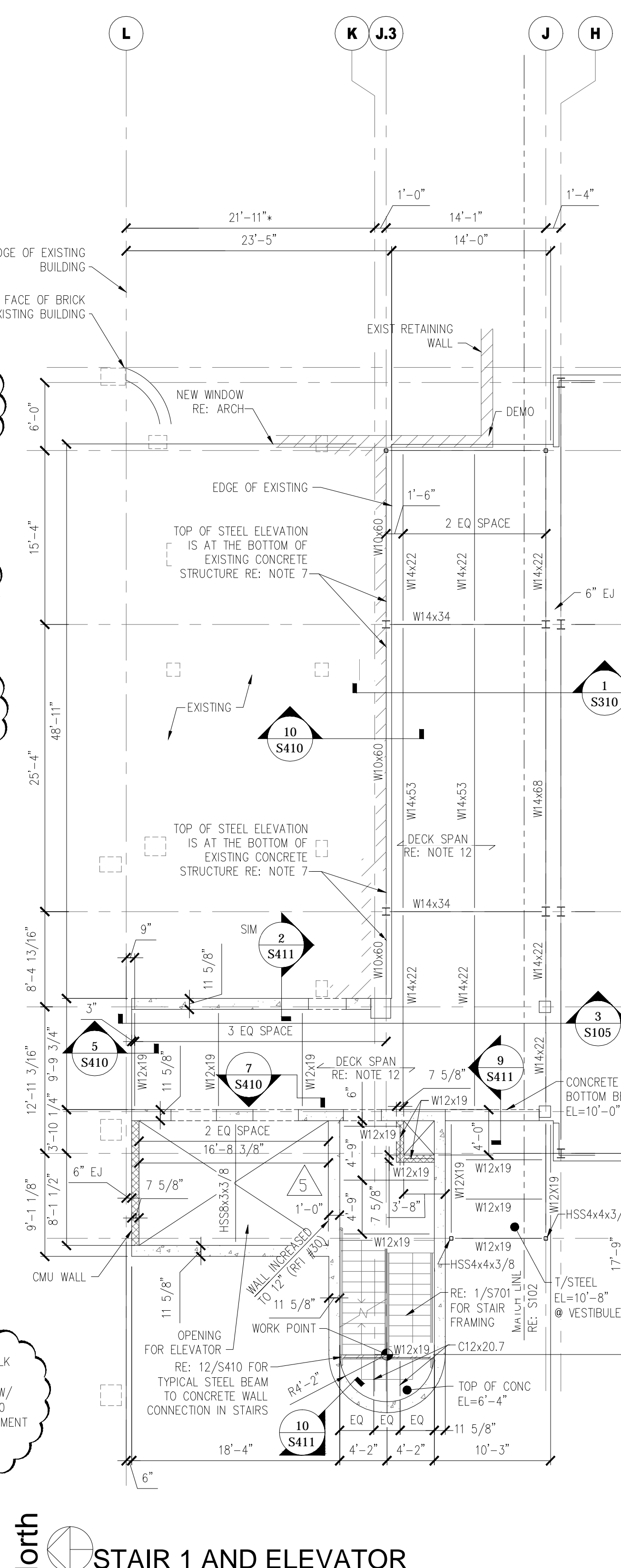
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Project Status

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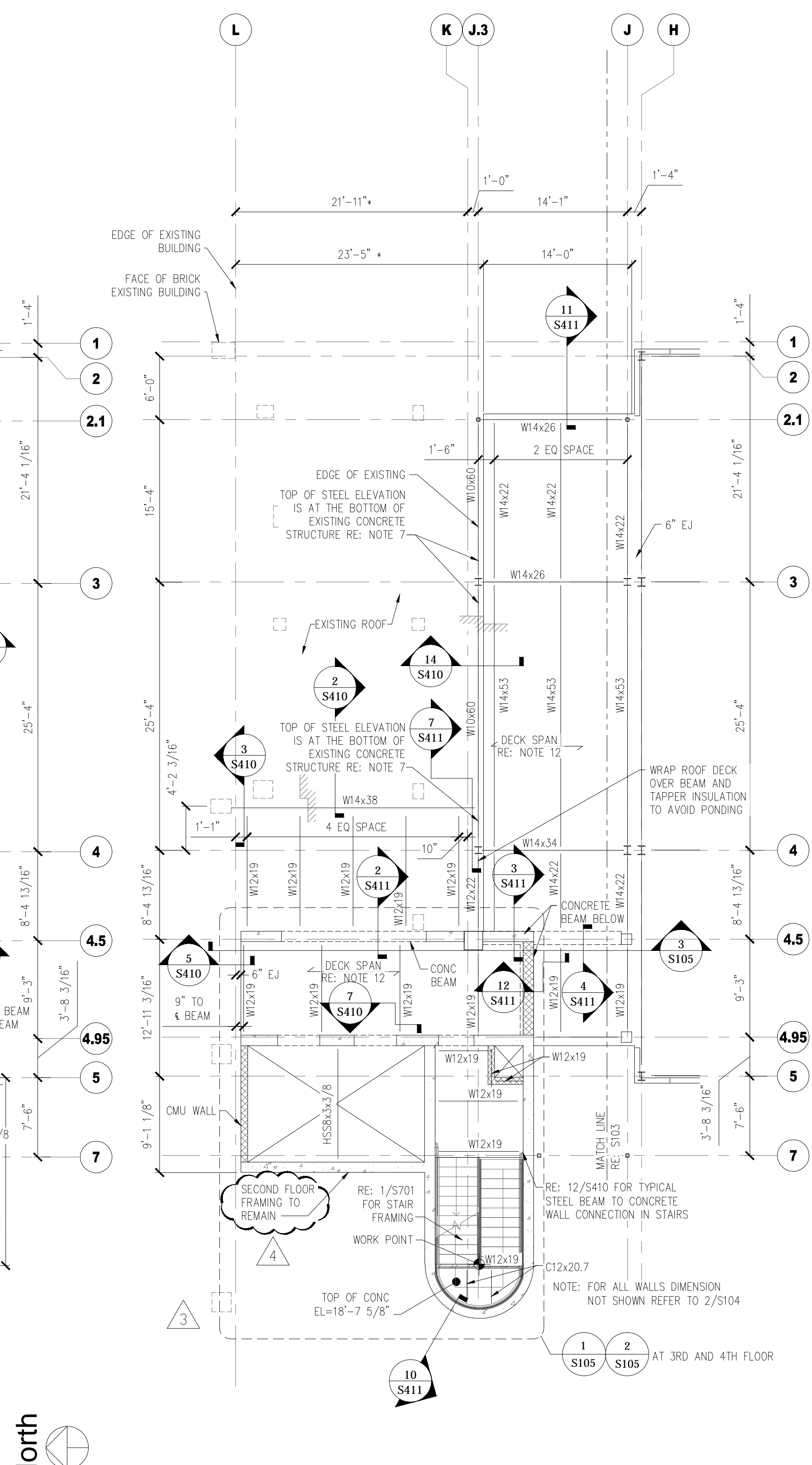
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one quarter inch = one foot
one eighth inch = one foot
01 January, 2000



1 STAIR 1 AND ELEVATOR BASEMENT FOUNDATION PLAN
SCALE 1/8" = 1' - 0"



2 STAIR 1 AND ELEVATOR 1st FLOOR FRAMING PLAN
SCALE 1/8" = 1' - 0"



3 STAIR 1 AND ELEVATOR 2nd FLOOR FRAMING PLAN
SCALE 1/8" = 1' - 0"

- TYPICAL PLAN NOTES:**
- REFER TO SHEET S001, S002, AND S003 FOR ABBREVIATIONS, SYMBOLS, AND GENERAL NOTES.
 - TOP OF CONCRETE ELEVATIONS IS AS FOLLOWS:
BASEMENT FLOOR = 0'-0"
FIRST FLOOR = 12'-3"
SECOND FLOOR = 24'-6"
 - REFER TO ARCH FOR WALL SECTIONS AND ELEVATIONS.
 - REFER TO ARCH, ELEC, MECH, AND PLUMB FOR FLOOR PENETRATIONS, RECESSES, CURBS, AND HOUSEKEEPING PADS.
 - REFER TO S601 FOR COLUMN SCHEDULE, BASE PLATE AND ANCHOR BOLT DETAILS. REFER TO 8/S301 FOR PIER SCHEDULE.
 - REFER TO DEMOLITION SHEETS FOR DEMOLITION INFORMATION. CONTRACTOR IS RESPONSIBLE FOR VERIFYING AND COORDINATING FIELD CONDITIONS WITH THE DEMOLITION AND STRUCTURAL DRAWINGS PRIOR TO STARTING DEMOLITION. CONTRACTOR SHALL IMMEDIATELY NOTIFY THE CONTRACTING OFFICER OF ALL DISCREPANCIES PRIOR TO STARTING DEMOLITION. CONTRACTING OFFICER SHALL SIGN OFF OR RESOLVE ALL DISCREPANCIES PRIOR TO CONTRACTOR STARTING DEMOLITION.
 - NEW STEEL BEAM TO SUPPORT EXISTING CONCRETE PAN-JOIST SYSTEM. CONTRACTOR TO SHORE EXISTING BUILDING STRUCTURE UNTIL NEW SUPPORT STRUCTURE HAS BEEN FULLY CONSTRUCTED. SHORING SHALL BE DESIGNED BY A LICENSED PROFESSIONAL ENGINEER WITH EXPERIENCE IN SHORING DESIGN. SEALED DRAWINGS SHALL BE SUBMITTED TO THE CONTRACTING OFFICER. CONTRACTOR SHALL FIELD COORDINATE THE BOTTOM AND TOP ELEVATIONS OF EXISTING CONCRETE PAN-JOIST SYSTEM WITH STEEL FABRICATOR PRIOR TO STARTING FABRICATION DRAWINGS. REFER TO ASSOCIATED SECTIONS FOR ADDITIONAL INFORMATION.
 - EXISTING FOUNDATIONS SHALL BE SHORED TO AVOID UNDERMINING EXISTING FOUNDATION WITH NEW FOUNDATION CONSTRUCTION. SHORING SHALL BE DESIGNED BY A LICENSED PROFESSIONAL ENGINEER WITH EXPERIENCE IN SHORING DESIGN. SEALED DRAWINGS SHALL BE SUBMITTED TO THE CONTRACTING OFFICER AND PROVIDED TO ENGINEER OF RECORD FOR DOCUMENTATION PURPOSES.
 - CONTRACTOR SHALL FIELD VERIFY EXISTING FOUNDATION ELEVATIONS. THE BOTTOM OF PILE CAP SHALL MATCH BOTTOM OF EXISTING FOOTING. IN CASE OF DISCREPANCY BETWEEN NEW AND EXISTING ELEVATIONS, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE CONTRACTING OFFICER. CONTRACTING OFFICER SHALL SIGN OFF OR RESOLVE ALL DISCREPANCIES PRIOR TO CONTRACTOR STARTING CONSTRUCTION.
 - *INDICATES DIMENSION TO BE FIELD VERIFIED CONTRACTOR SHALL COORDINATE EXISTING DIMENSION WITH FIELD CONDITIONS.
 - CAISSON CAP SHOWN IN PLAN IS 3'-0" THICK AND REINFORCED WITH #8 @ 12" ON CENTER EACH WAY TOP AND BOTTOM.
 - REFER TO GENERAL NOTES FOR COMPOSITE ROOF DECK. BEAMS IN THIS AREA ARE NON COMPOSITE. REINFORCE WITH 6x6 - W2.1x2.1 WELDED WIRE FABRIC.
 - WY - INDICATES WALL TYPE TO THIS SHEET FOR WALL SCHEDULE.
 - TOP CAISSON TO BE AT BOTTOM OF EXISTING BUILDING FOUNDATION. CONTRACTOR TO COORDINATE. FOR BIDDING PURPOSES USE TOP OF CAISSON ELEVATION EQUAL TO -10'-0".

WALL SCHEDULE

WALL TYPE	NUMBER OF LAYERS	VERTICAL REINFORCING	HORIZONTAL REINFORCING	COMMENTS
W1	DOUBLE	#10 @ 12" OC	#10 @ 12" OC	
W2	DOUBLE	#10 @ 12" OC	#5 @ 12" OC	
W3	DOUBLE	#10 @ 12" OC	#10 @ 12" OC	
W4	DOUBLE	#10 @ 12" OC	#10 @ 12" OC	

THE 2ND FLOOR FRAMING SHALL REMAIN AND THE 3RD FLOOR FRAMING ON PLAN SHEET (S105) SHALL BE DELETED

REVISIONS	DATE
AMENDMENT 0006-07/27/09	12/01/09
AMENDMENT 0008-08/01/09	12/01/09
AMENDMENT 0009,CLIN 0007-08/26/09	12/01/09
RFI-11 RESPONSE	03/02/10
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Drawing Title
FOUNDATION AND FRAMING PLANS
Approved: Project Director

Project Title
**Outpatient Mental Health Improvements
Overton Brooks
Veterans Administration Medical Center**
Location
Shreveport, Louisiana
Date
01/20/2010
Checked
KJL
Drawn
RPA
Project Number
667-081
Building Number
Bldg. 1, South Wing
Drawing Number
S104
Dwg. **54** of **123**

Office of
Facility
Management
Project Status

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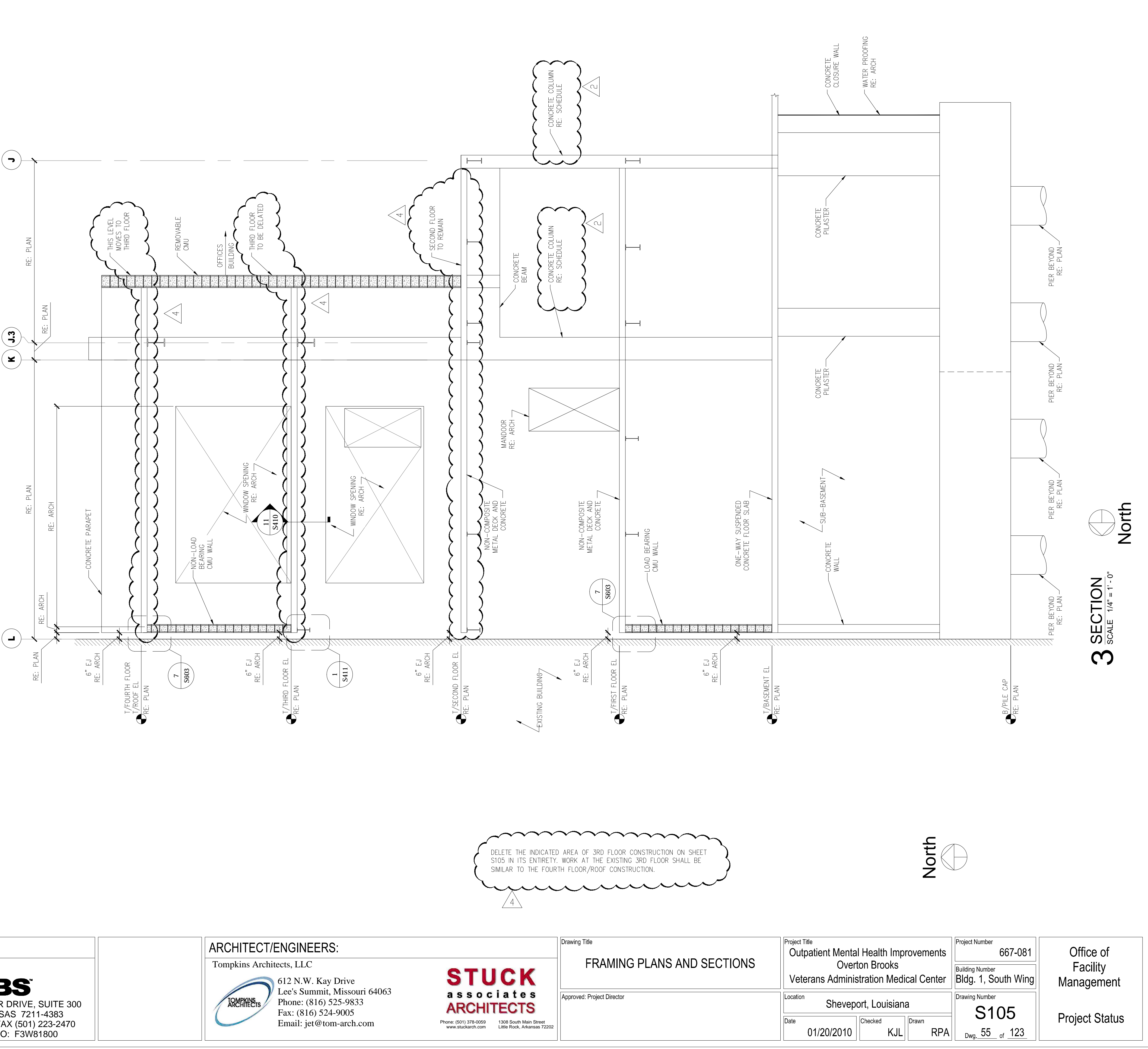
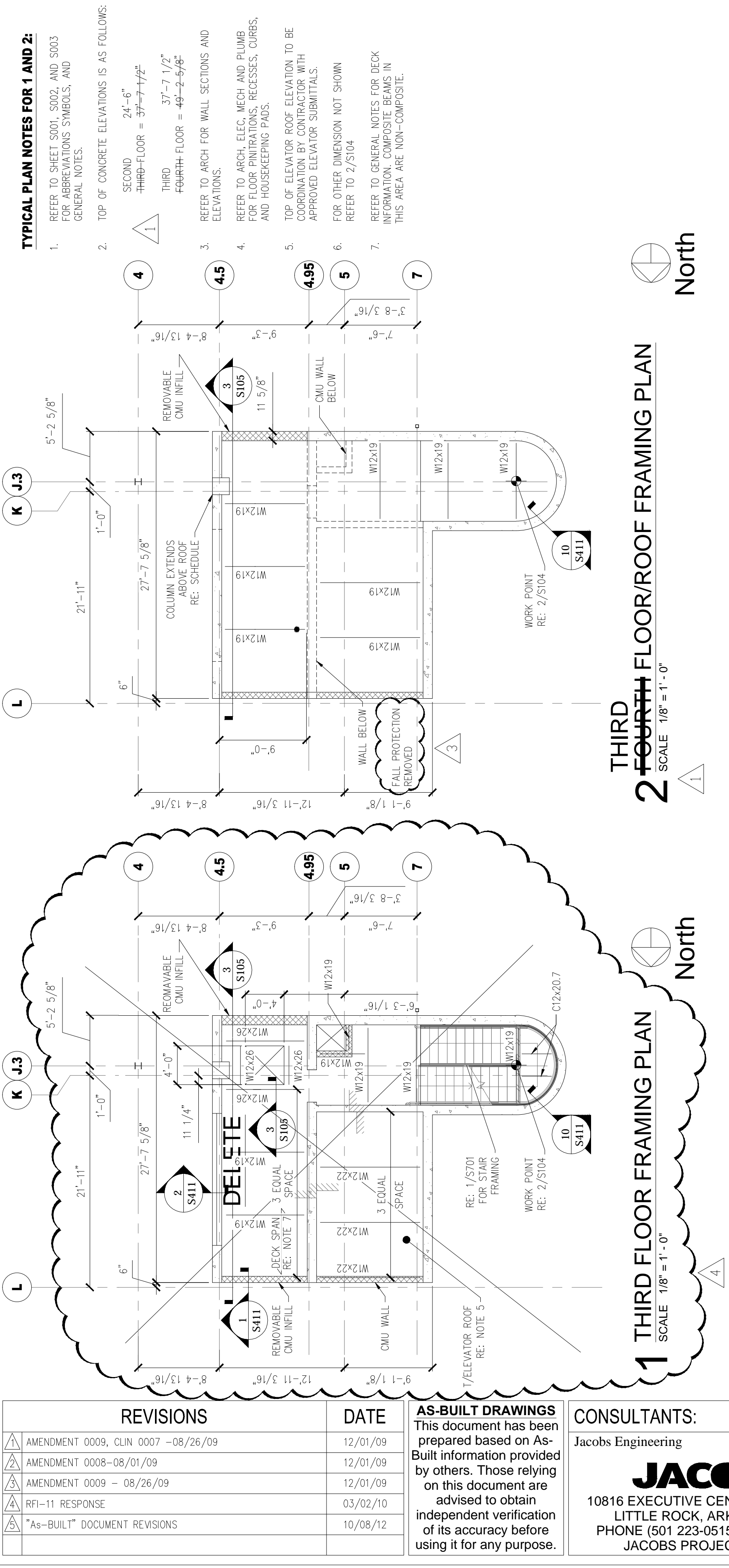
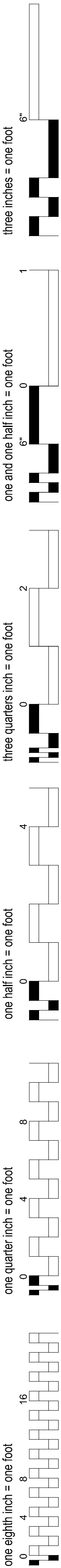
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F

F

REVISIONS

DATE

AS-BUILT DRAWINGS
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CONSULTANTS:

JACOBS ENGINEERING

JACOBS
10816 EXECUTIVE CENTER DRIVE, SUITE 300
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JACOBS PROJECT NO: F3W81800

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Drawing Title

FRAMING PLANS AND SECTIONS

Approved: Project Director

Project Title

Outpatient Mental Health Improvements
Overton Brooks
Veterans Administration Medical Center

Location

Shreveport, Louisiana

Date

01/20/2010

Checked

KJL

Drawn

RPA

Project Number

667-081

Building Number

Bldg. 1, South Wing

Drawing Number

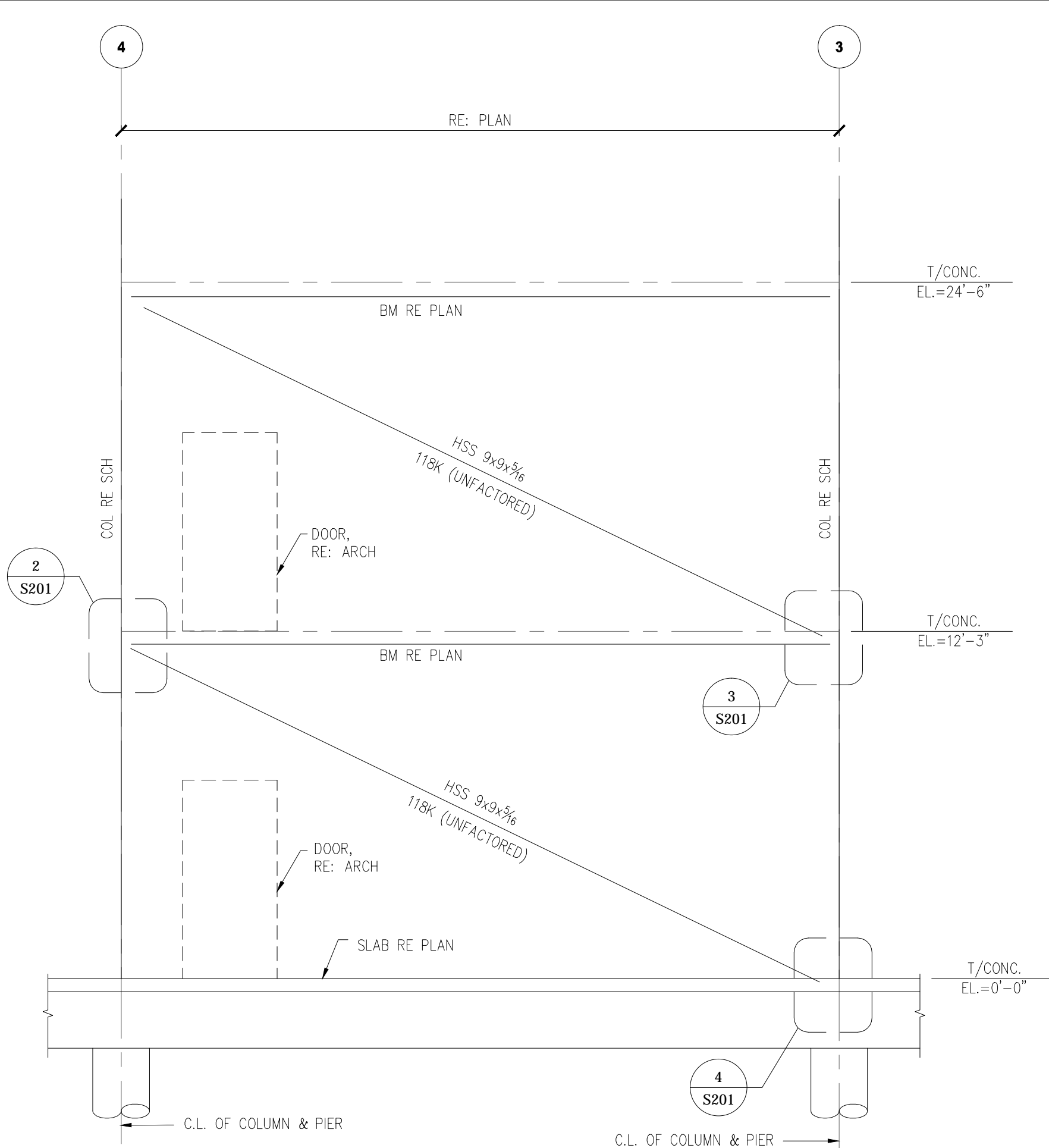
S105

Dwg. 55 of 123

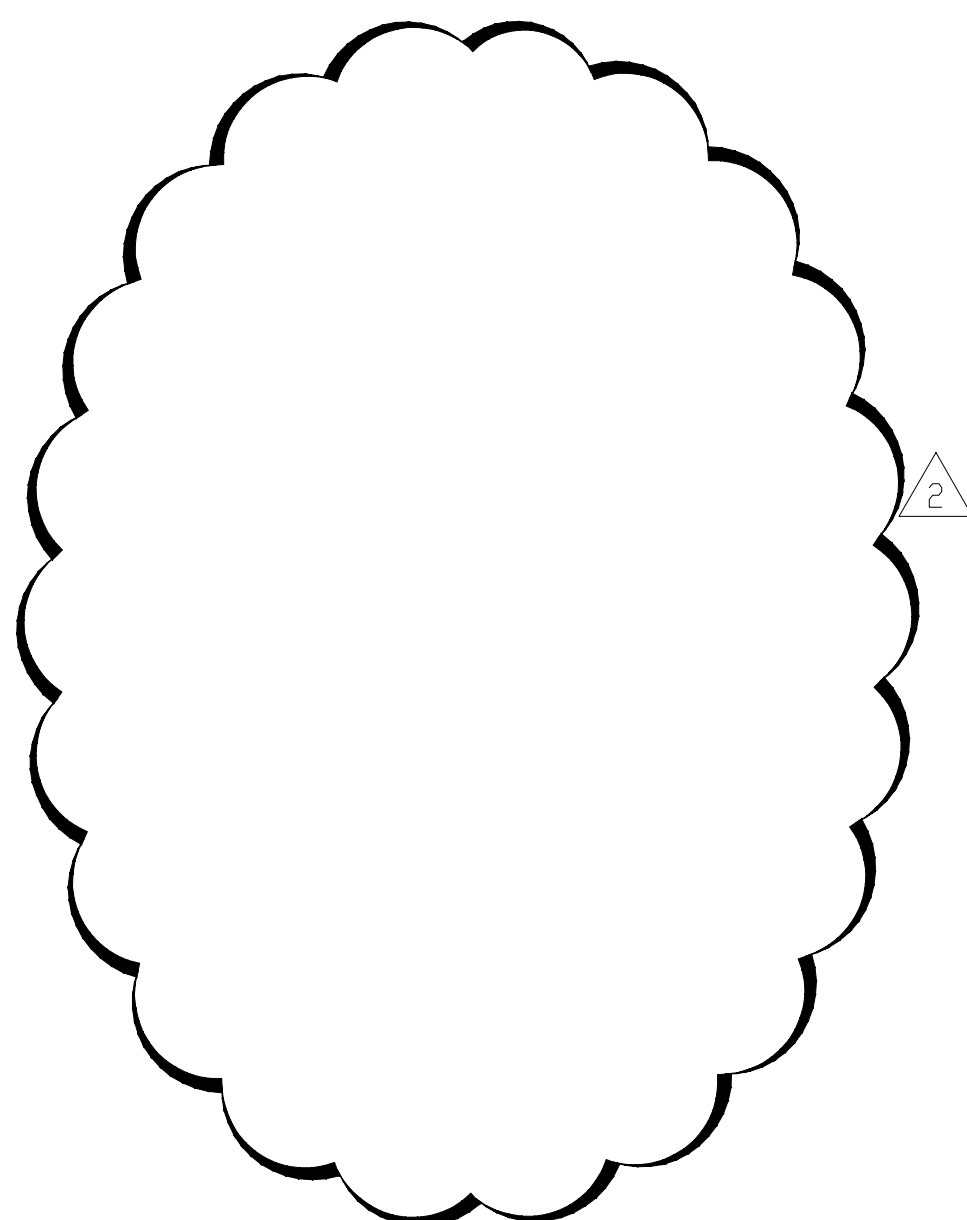
Office of
Facility
Management

Project Status

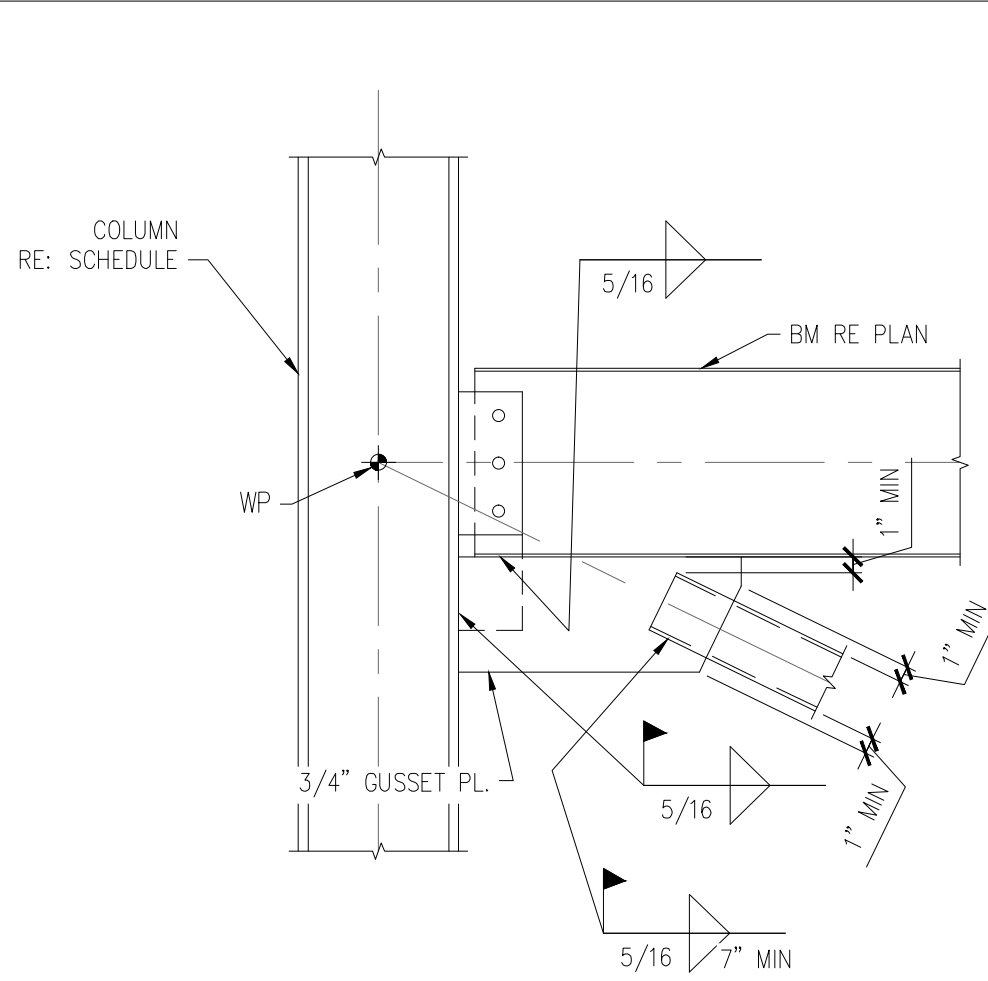
A
three inches = one foot
1
0
6"
B
one and one half inch = one foot
0
6"
C
three quarters inch = one foot
0
2
D
one half inch = one foot
0
4
E
one quarter inch = one foot
0
8
F
one eighth inch = one foot
0
4
16
01 January, 2000



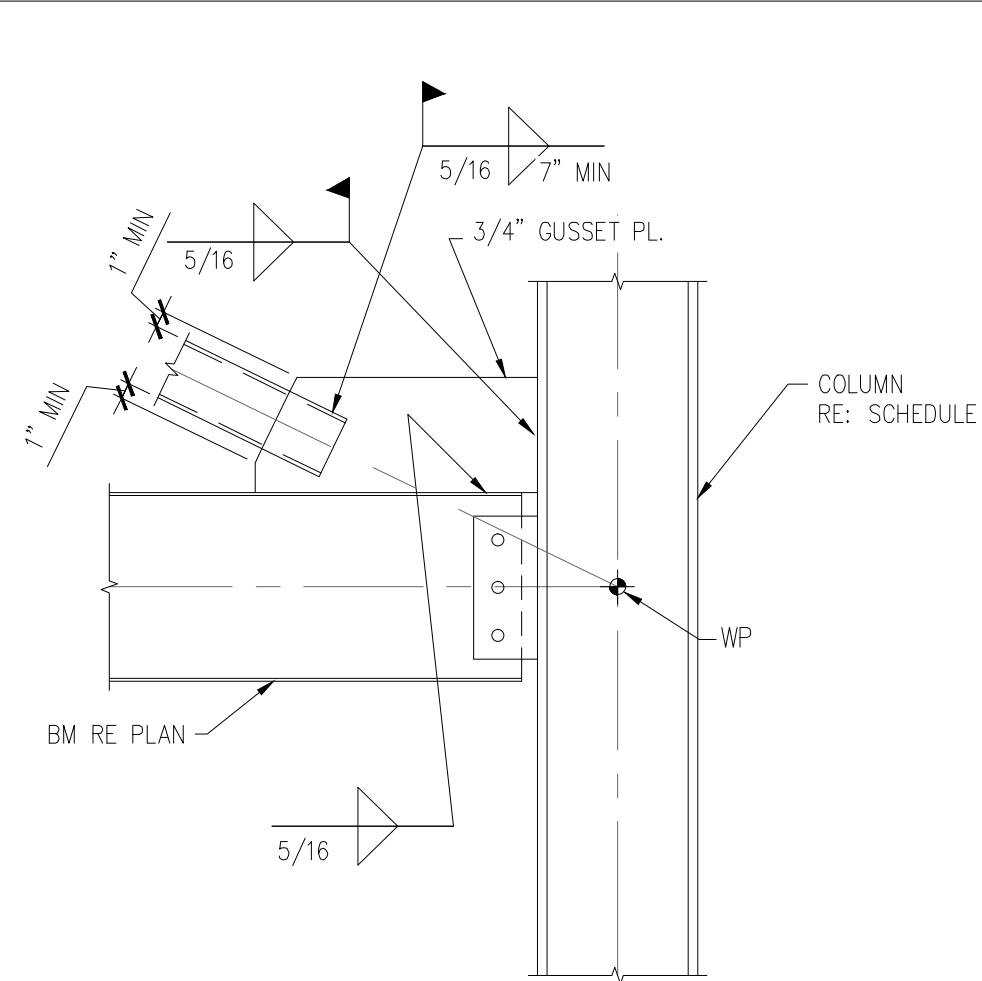
1 BRACED FRAME ON GRIDS B & H
SCALE 1/4" = 1' - 0"



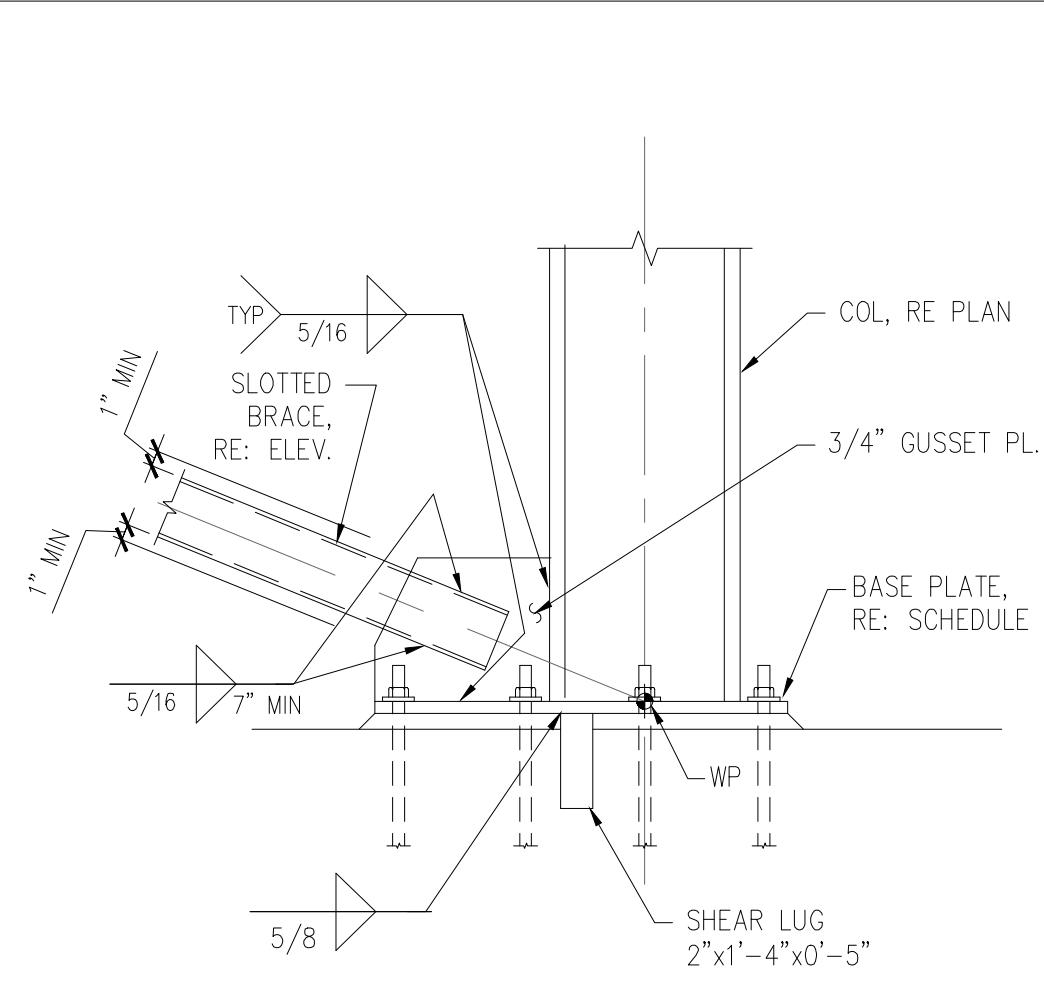
5 NOT USED
SCALE NTS



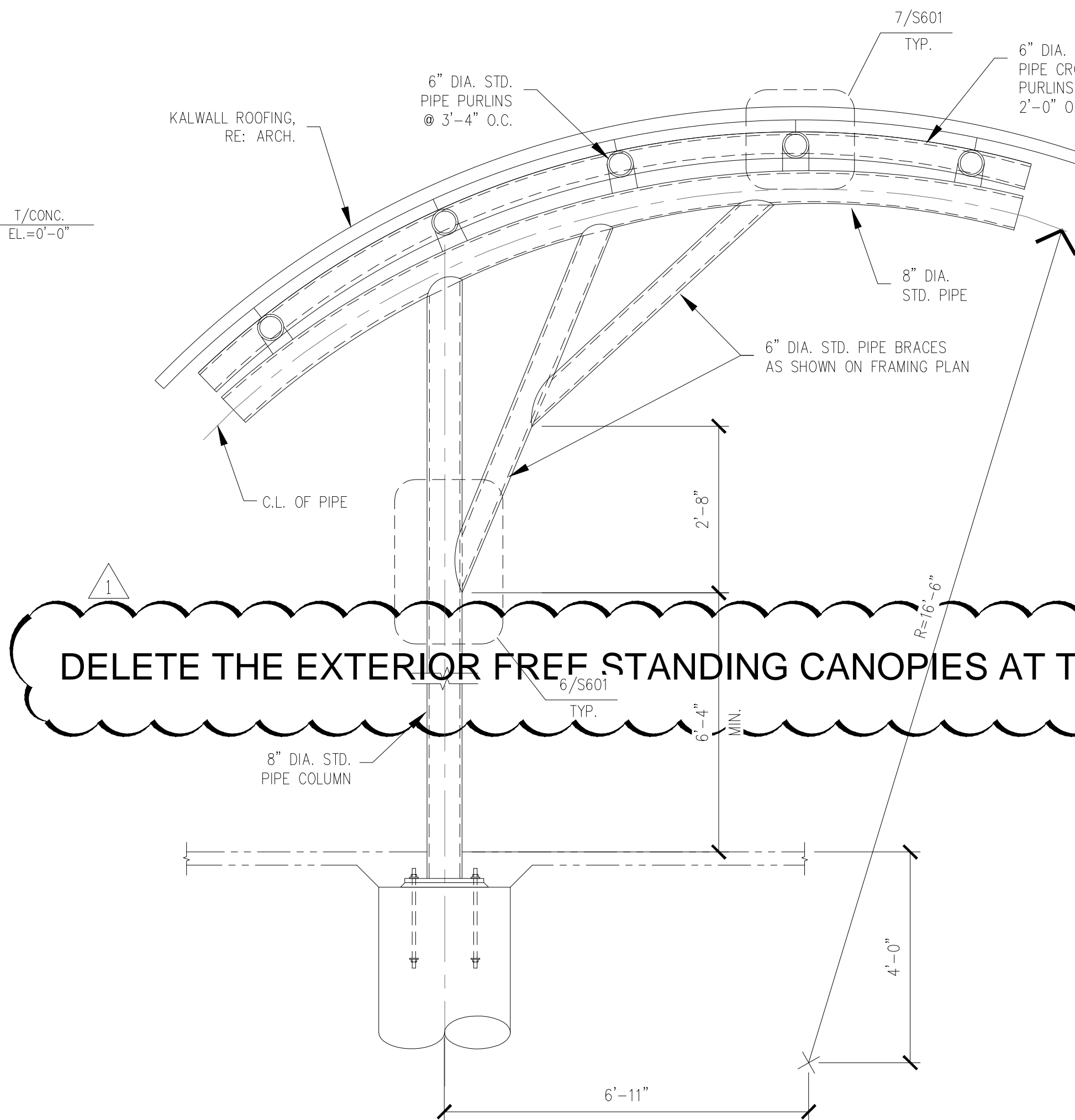
2 BRACE CONN TO BM
SCALE 1" = 1' - 0"



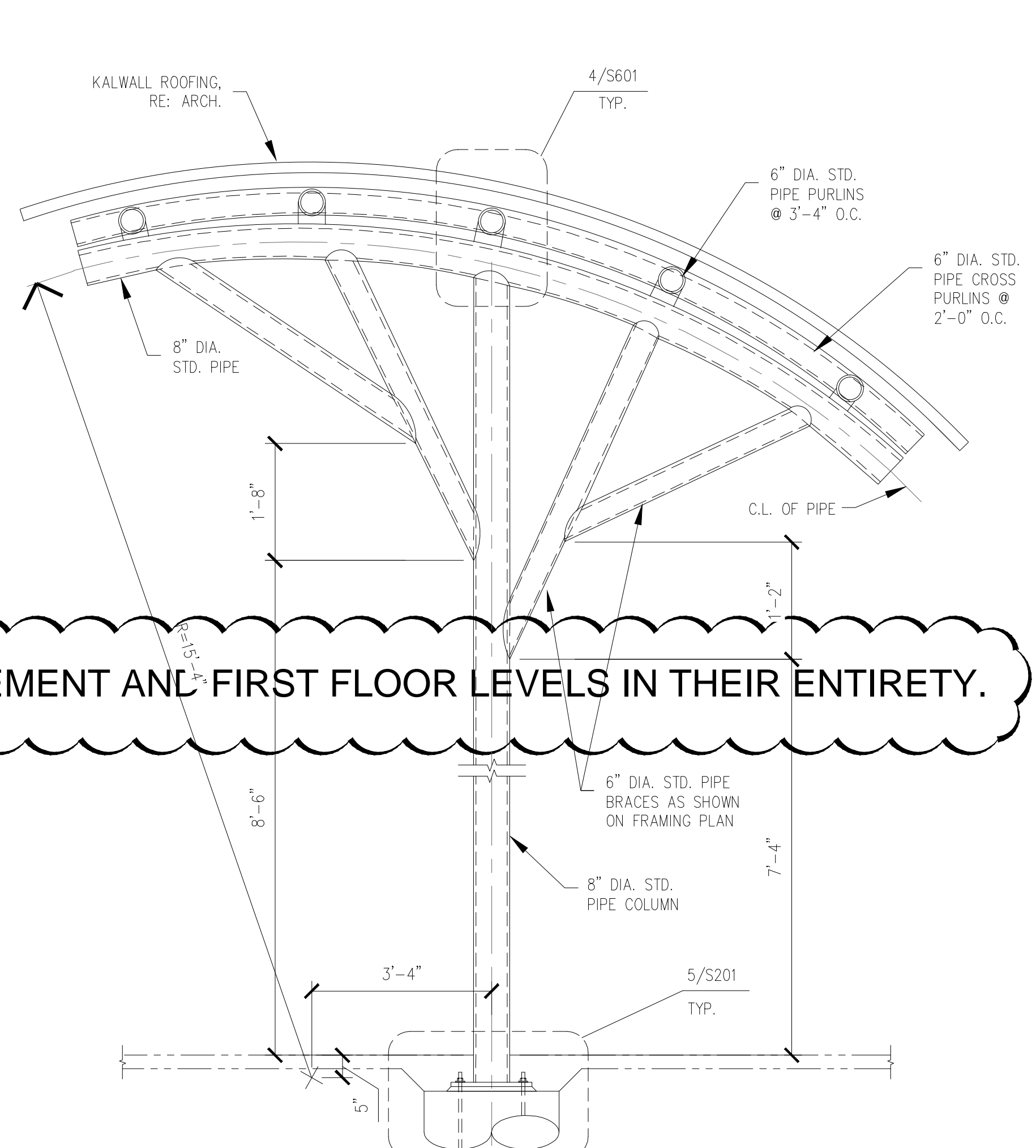
3 BRACE CONN TO BM
SCALE 1" = 1' - 0"



4 BRACE CONN. AT FOUNDATION
SCALE 1" = 1' - 0"



6 EAST CANOPY ELEVATION
SCALE NTS



7 WEST CANOPY ELEVATION
SCALE NTS

REVISIONS	DATE
AMENDMENT 0009 CLIN 0007-08/26/09	12/01/09
RFI - 0002	01/20/10
"As-BUILT" DOCUMENT REVISIONS	10/08/12

AS-BUILT DRAWINGS
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10816 EXECUTIVE CENTER DRIVE, SUITE 300
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Drawing Title	ELEVATIONS
Approved: Project Director	

Project Title	Outpatient Mental Health Improvements Overton Brooks Veterans Administration Medical Center
Location	Sheveport, Louisiana
Date	01/20/2010
Checked	KJL
Drawn	RPA

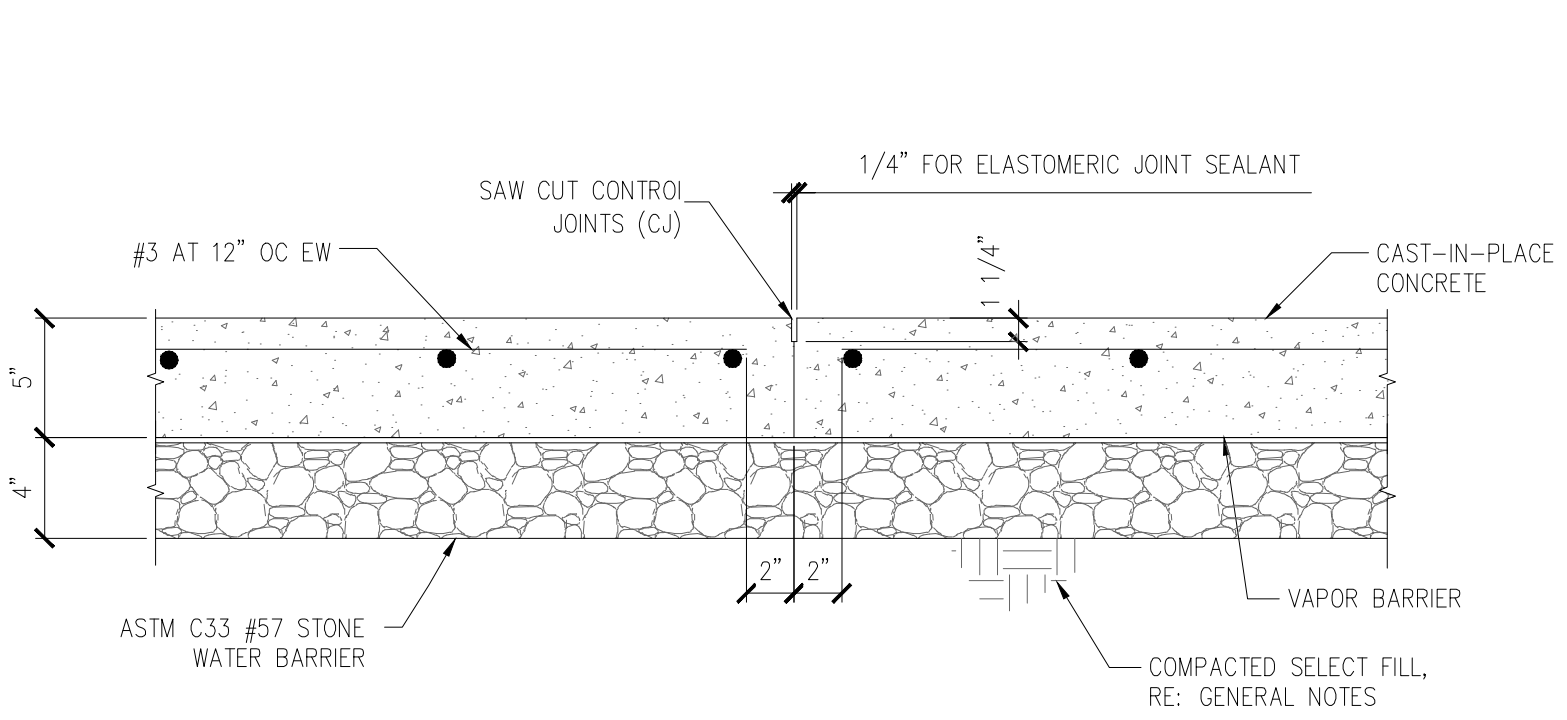
Project Number	667-081
Building Number	Bldg. 1, South Wing
Drawing Number	S201
Dwg. 56 of 123	

Office of
Facility
Management

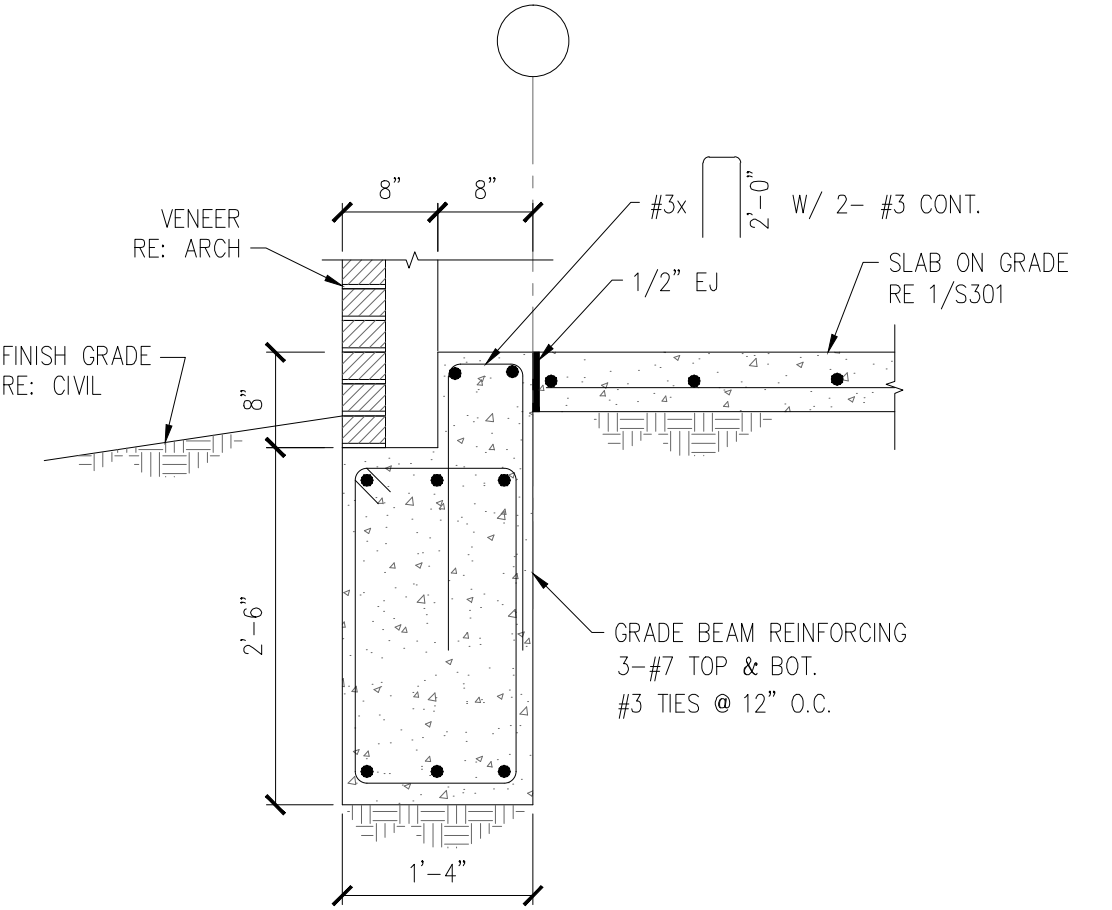
Project Status

CONSTRUCTION SET 01/20/2010

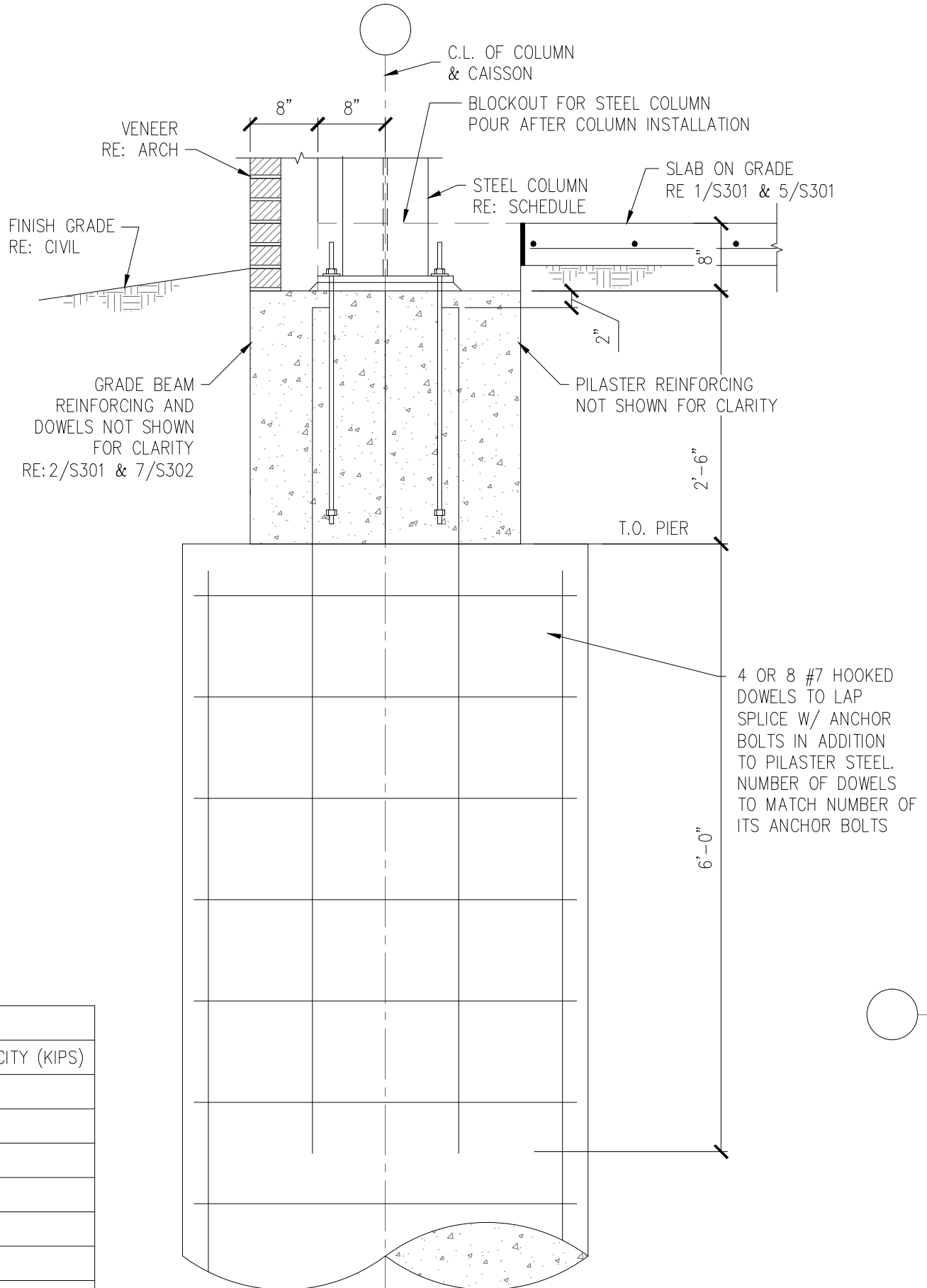
A
three inches = one foot
B
one and one half inch = one foot
C
three quarters inch = one foot
D
one half inch = one foot
E
one quarter inch = one foot
F
one eighth inch = one foot
01 January, 2000



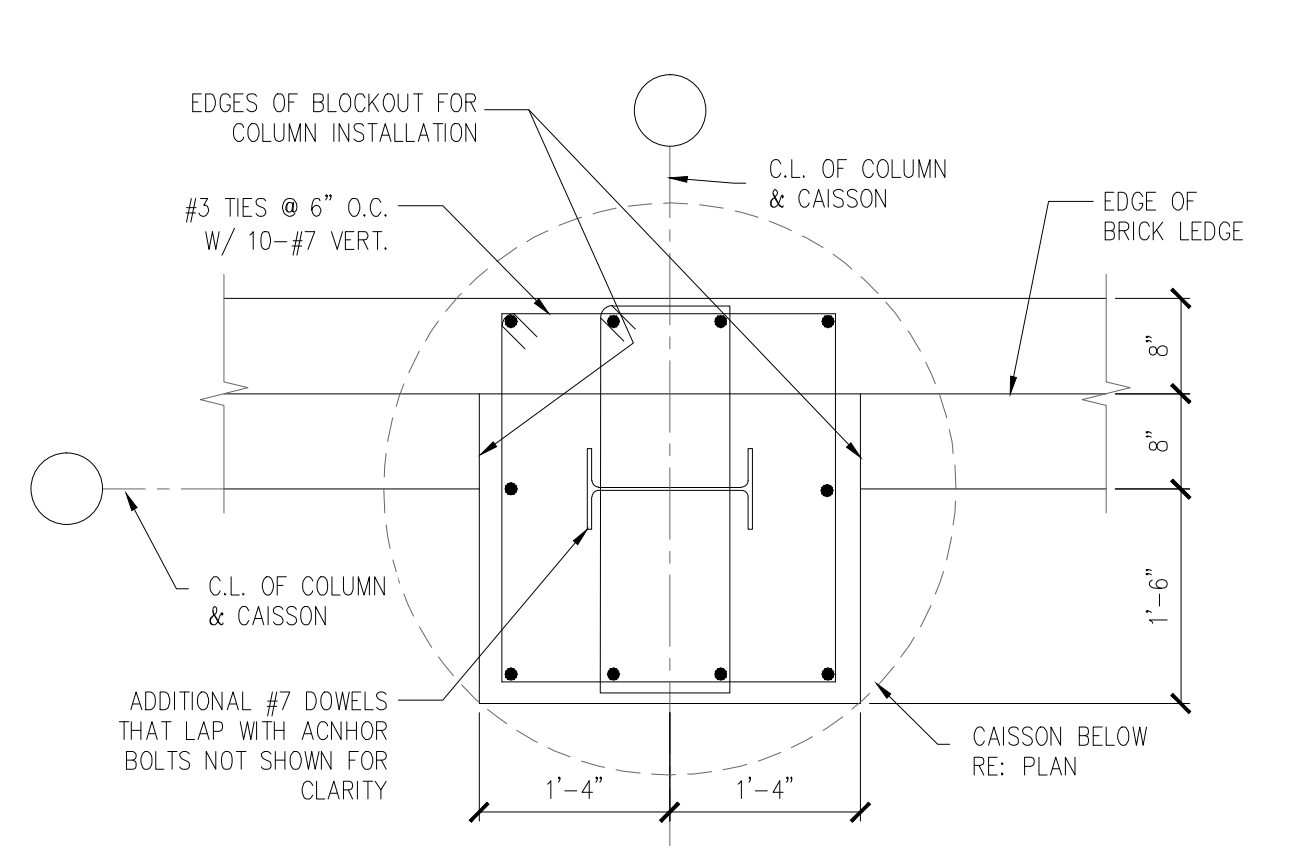
1 TYP SLAB ON GRADE
SCALE 1-1/2" = 1' - 0"



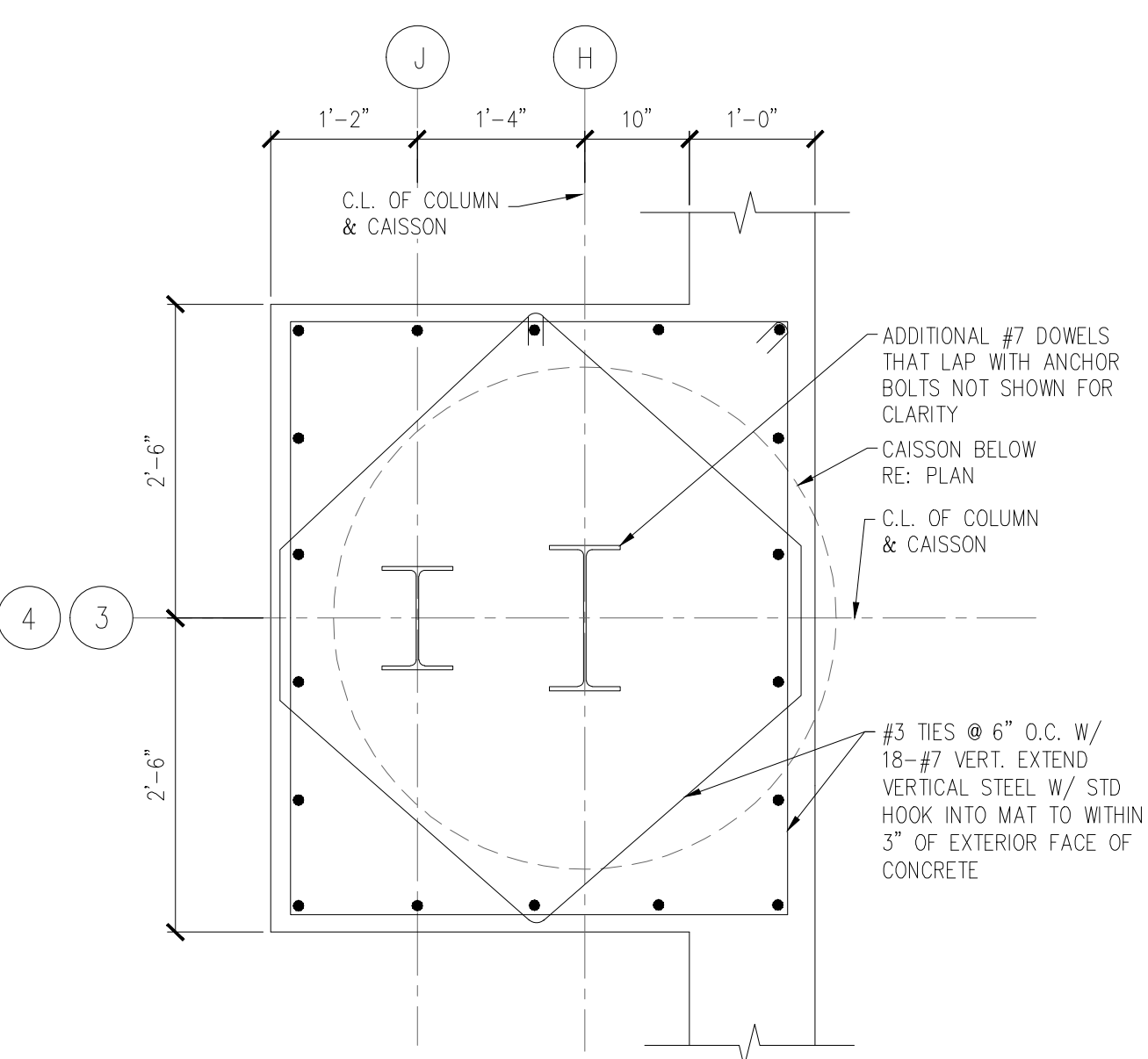
2 TYP. EXTERIOR GRADE BEAM SECTION
SCALE 3/4" = 1' - 0"



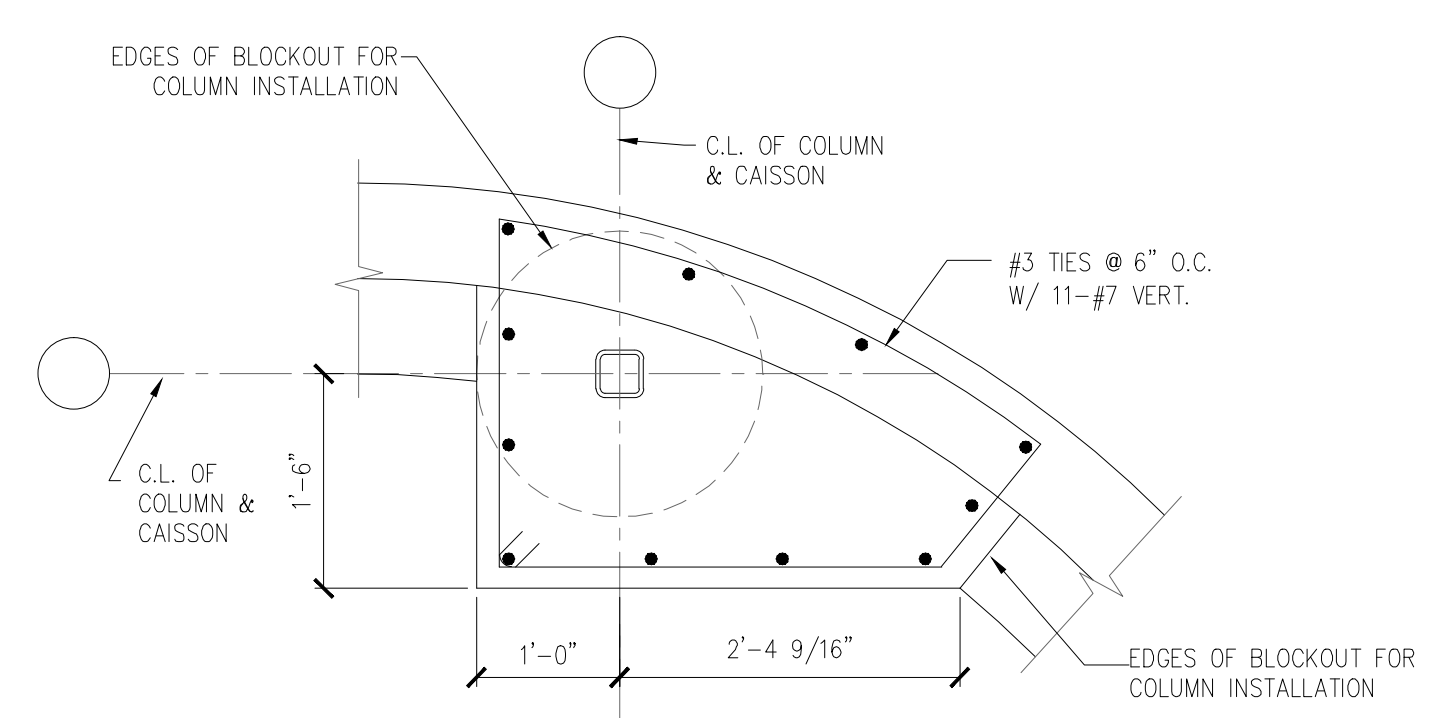
3 TYP. EXTERIOR SECTION AT STEEL COLUMN
SCALE 3/4" = 1' - 0"



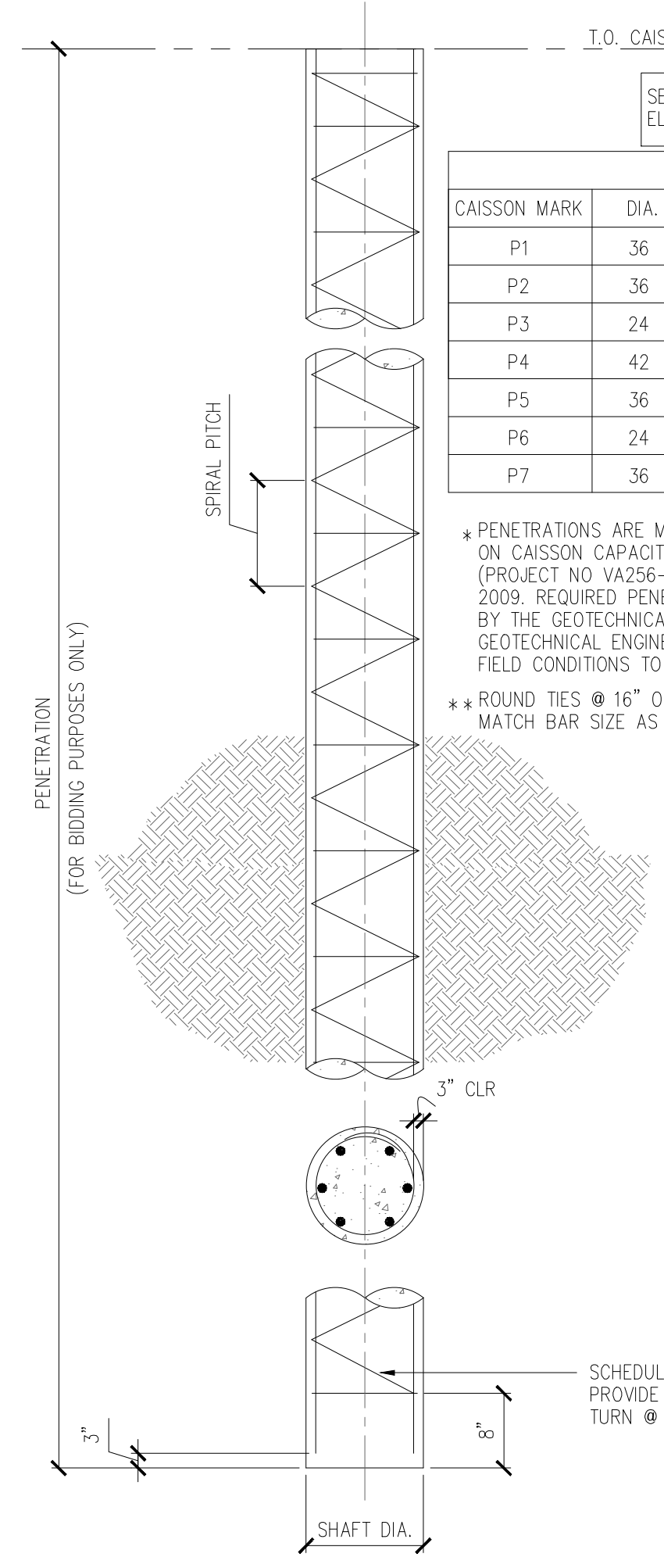
4 TYP. PILASTER DETAIL
SCALE 3/4" = 1' - 0"



9 PILASTER DETAIL
SCALE 3/4" = 1' - 0"



10 PILASTER DETAIL
SCALE 3/4" = 1' - 0"

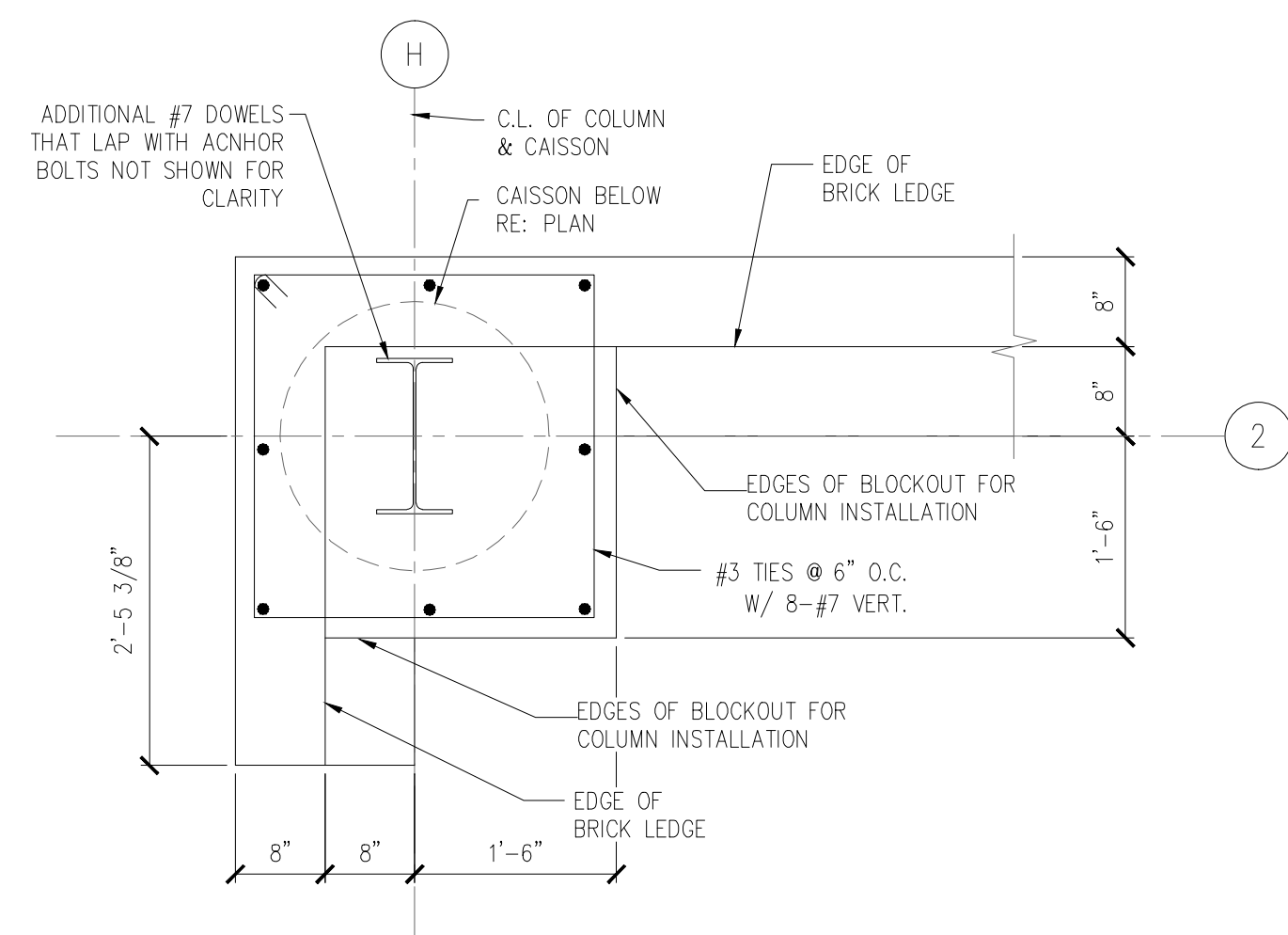


8 TYP. DRILLED CAISSON DETAIL
SCALE N.T.S.

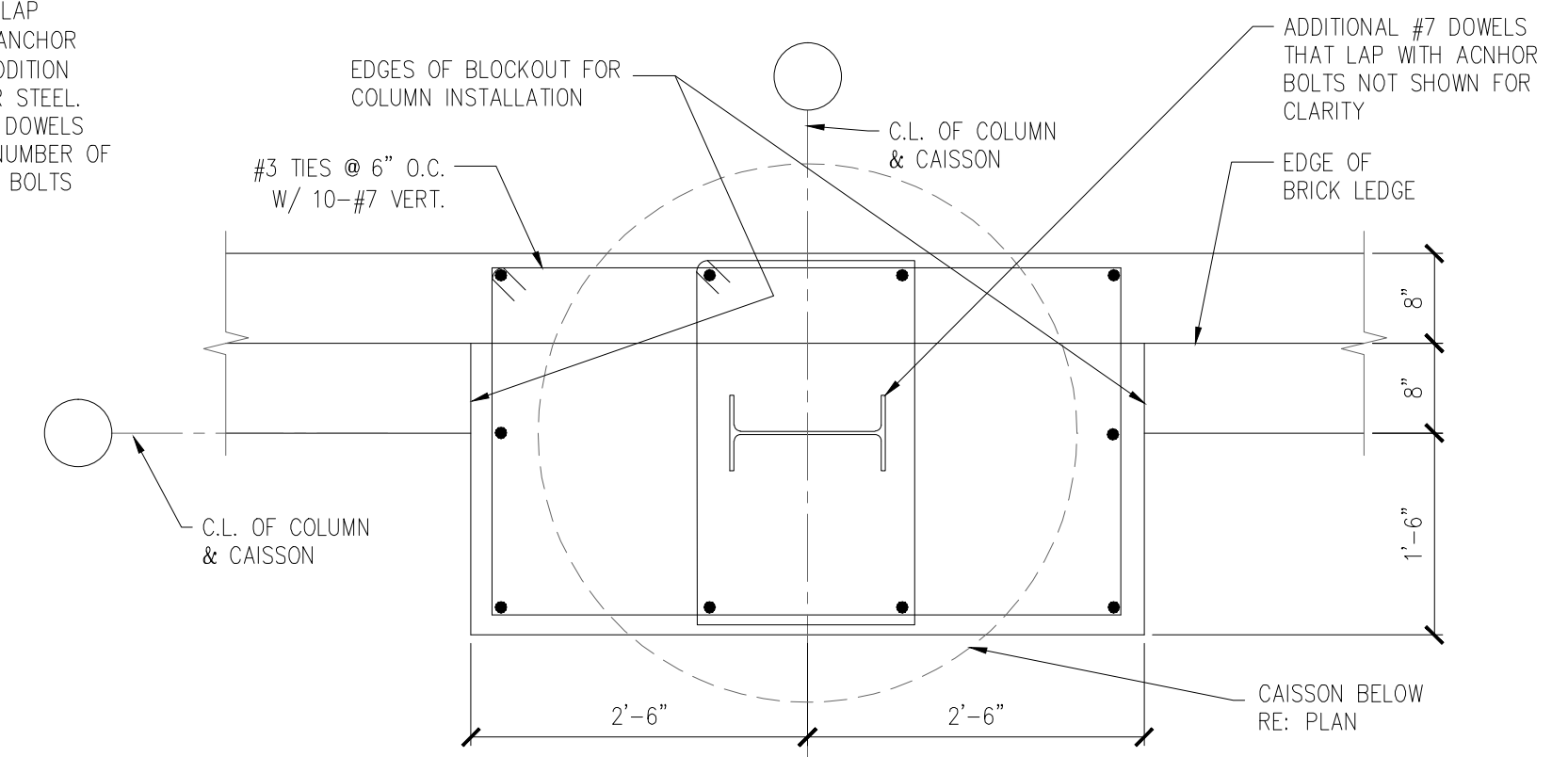
DRILLED CAISSON SCHEDULE					
CAISSON MARK	DIA.	VERT. REINF.	SPIRALS**	PENETRATION* (FT)	DESIGN CAPACITY (KIPS)
P1	36	12#9	#4@12	60	430
P2	36	8#8	#4@12	40	280
P3	24	8#6	#4@12	35	140
P4	42	12#8	#4@12	65	540
P5	36	8#8	#4@12	20	120
P6	24	8#6	#4@12	55	240
P7	36	8#8	#4@12	60	430

* PENETRATIONS ARE MEASURED FROM TOP OF CAISSONS AND ARE BASED ON CAISSON CAPACITY CHARTS IN THE SUPPLEMENTAL GEOTECHNICAL REPORT (PROJECT NO. VA256-08-RP-0307) PREPARED BY PSI INC. DATED FEBRUARY 6, 2009. REQUIRED PENETRATIONS SHALL BE VERIFIED IN THE FIELD DURING CONSTRUCTION BY THE GEOTECHNICAL ENGINEER BASED ON THE CAISSON LOADS GIVEN IN THE SCHEDULE. GEOTECHNICAL ENGINEER MIGHT ADJUST PENETRATION VALUES DEPENDING ON ACTUAL FIELD CONDITIONS TO ACHIEVE THE REQUIRED CAPACITIES.

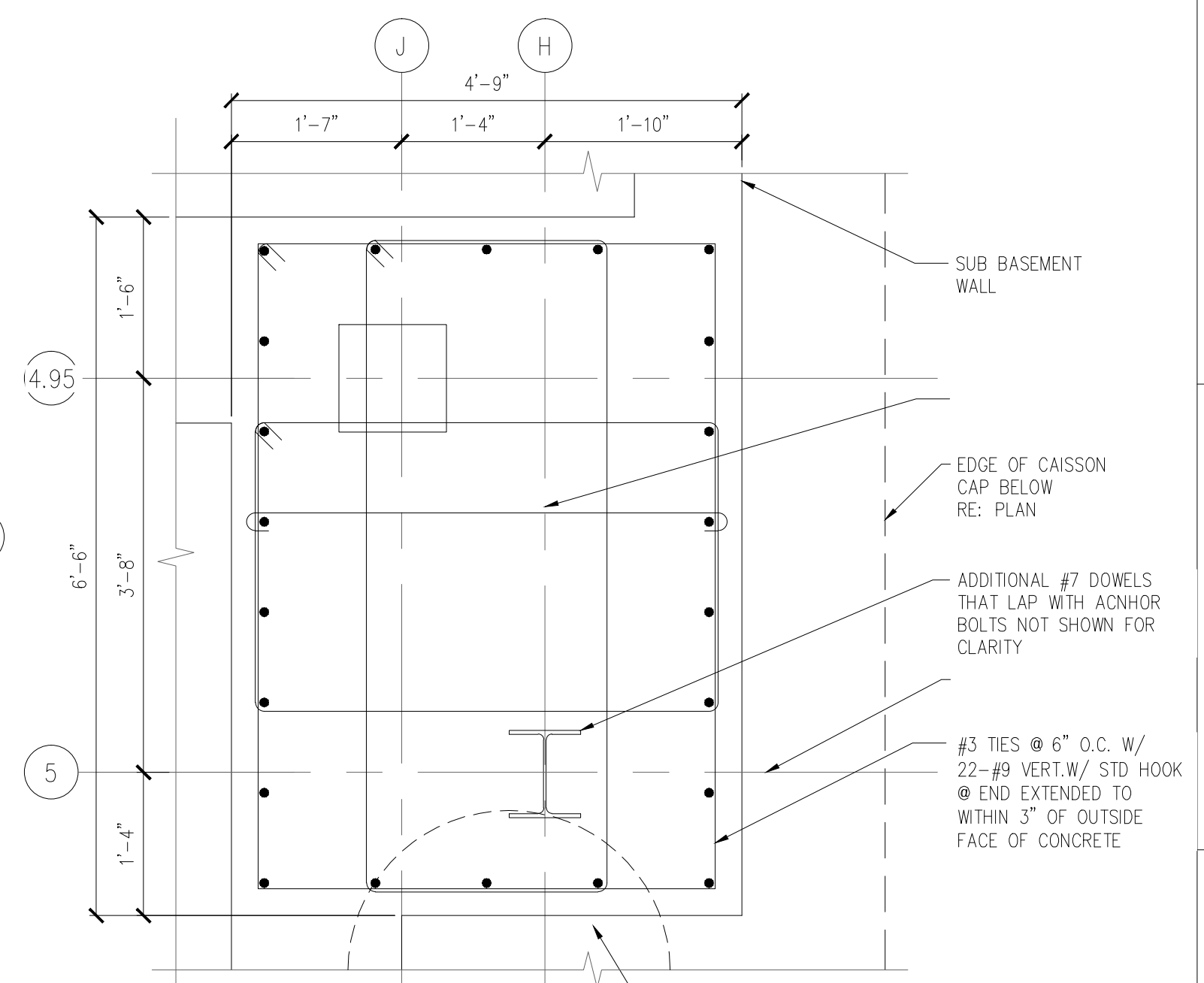
** ROUND TIES @ 16" O.C. MAY BE SUBSTITUTED FOR SPIRALS MATCH BAR SIZE AS SHOWN FOR SPIRALS.



7 PILASTER DETAIL
SCALE 3/4" = 1' - 0"



5 PILASTER DETAIL
SCALE 3/4" = 1' - 0"



6 DETAIL
SCALE 3/4" = 1' - 0"

REVISIONS	DATE
As-BUILT DOCUMENT REVISIONS	10/08/12

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Drawing Title	FOUNDATION DETAILS
Approved: Project Director	

Project Title	Outpatient Mental Health Improvements Overton Brooks Veterans Administration Medical Center
Project Number	667-081
Building Number	Bldg. 1, South Wing
Location	Sheveport, Louisiana
Date	01/20/2010
Checked	KJL
Drawn	RPA
Dwg. 57 of 123	S301

Office of
Facility
Management

Project Status

CONSTRUCTION SET 01/20/2010

A

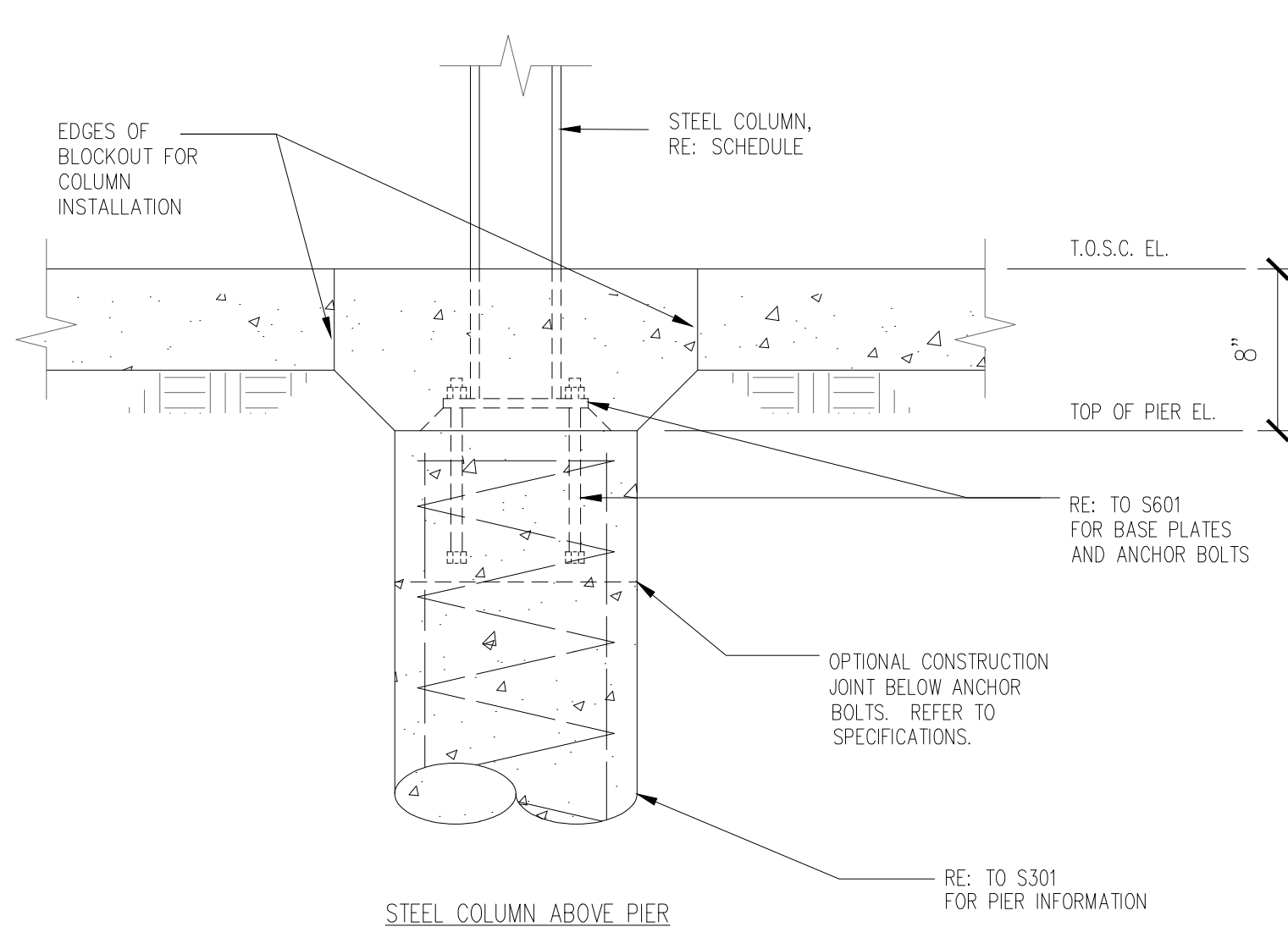
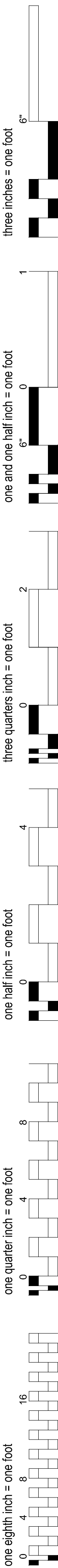
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C

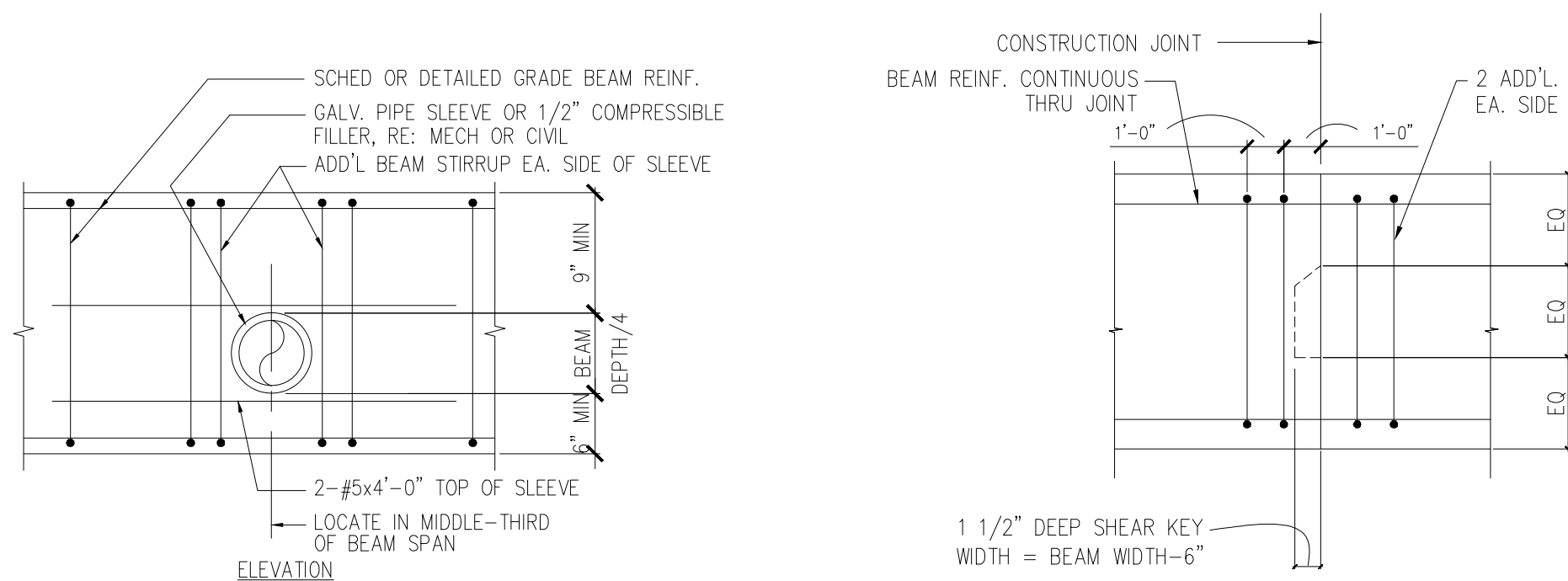
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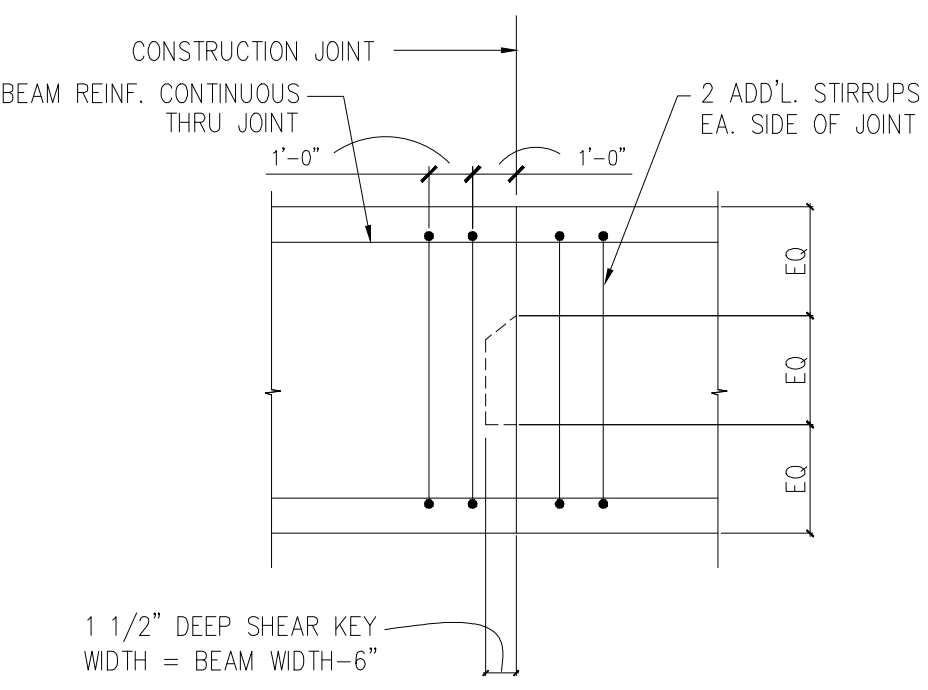
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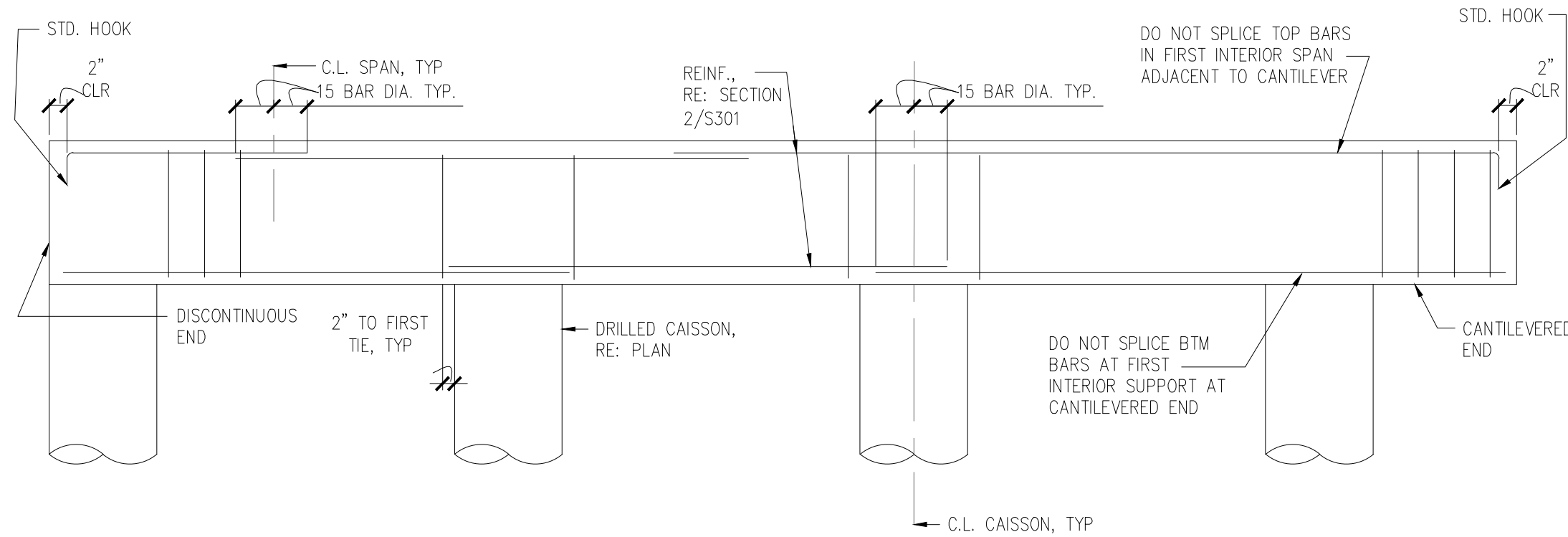
1 TYP. DETAIL
SCALE 1 1/2" = 1' - 0"



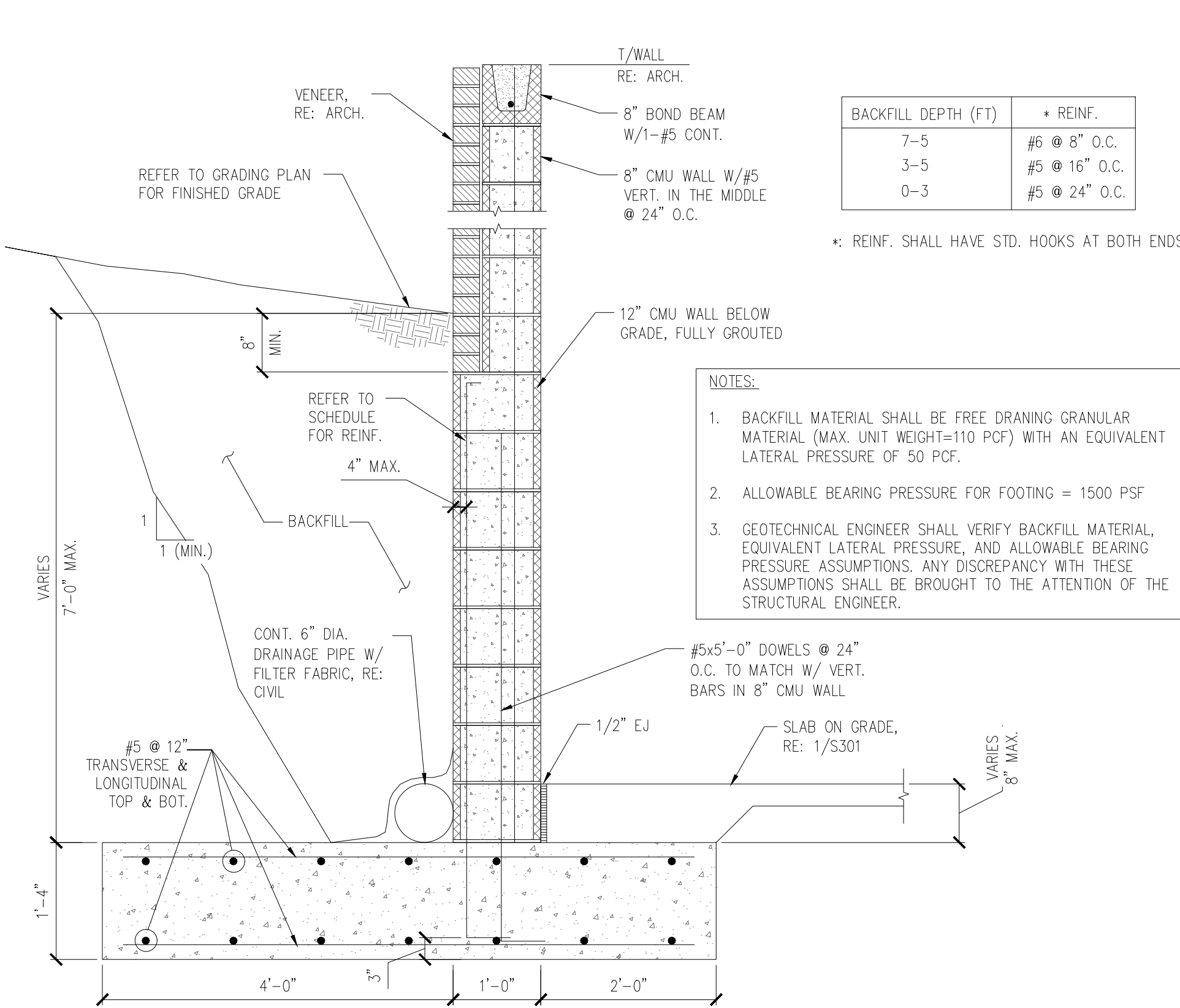
4 TYP. SLEEVE IN GRADE BEAM DETAIL
SCALE N.T.S.



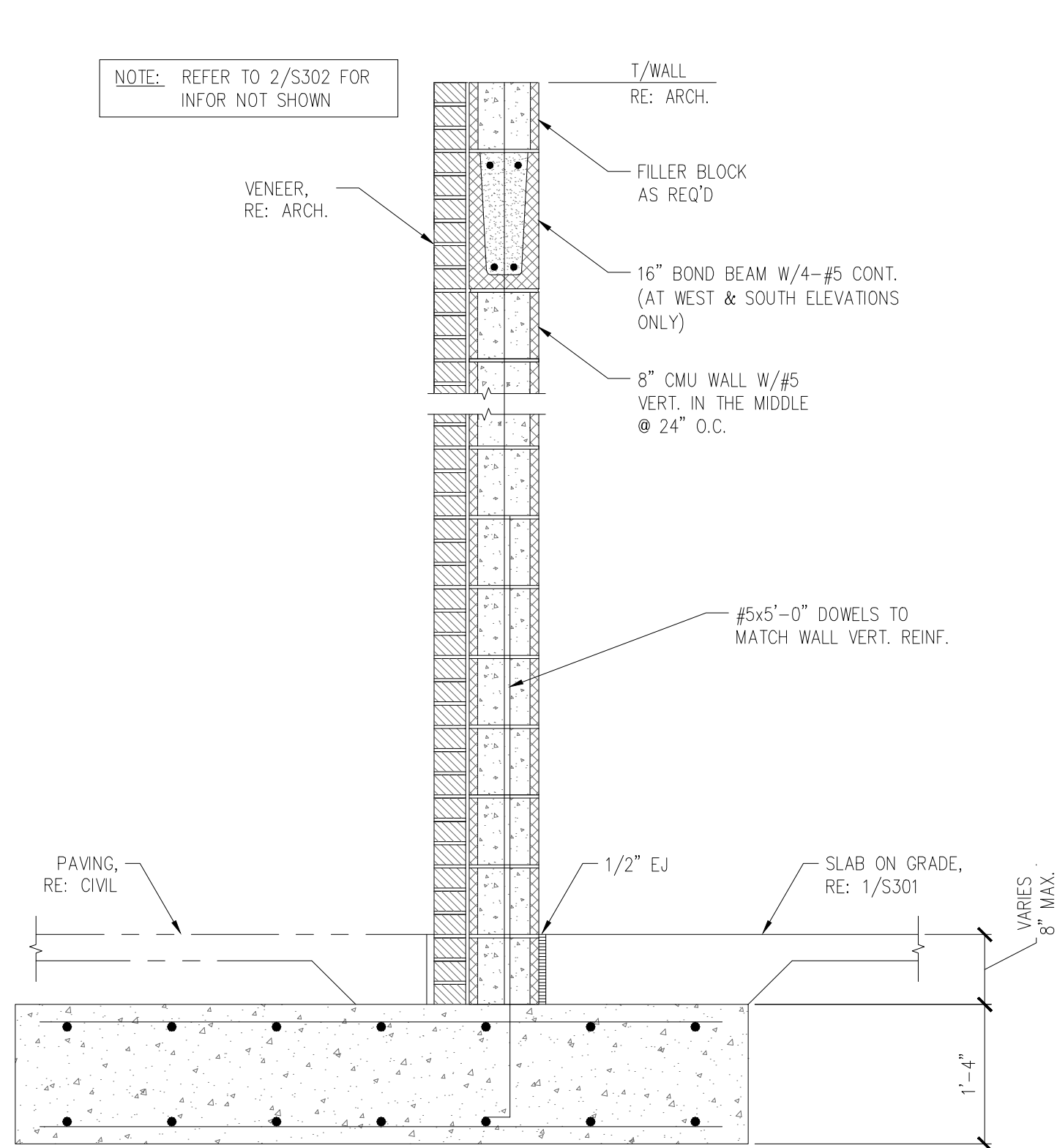
5 TYP. GRADE BEAM CONSTRUCTION JOINT DETAIL
SCALE N.T.S.



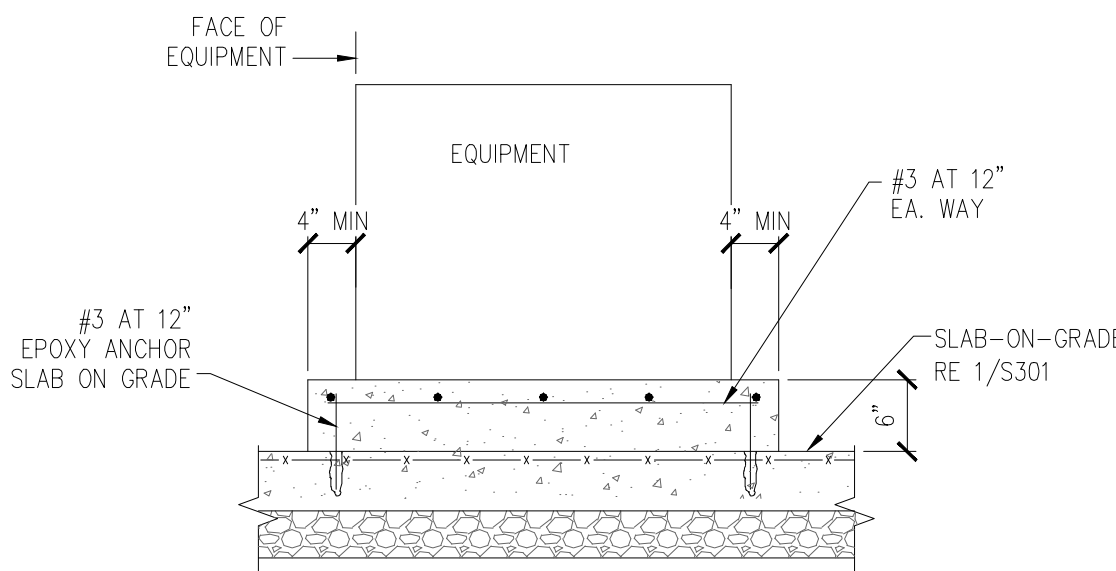
6 TYP. GRADE BEAM BAR PLACEMENT DETAIL
SCALE N.T.S.



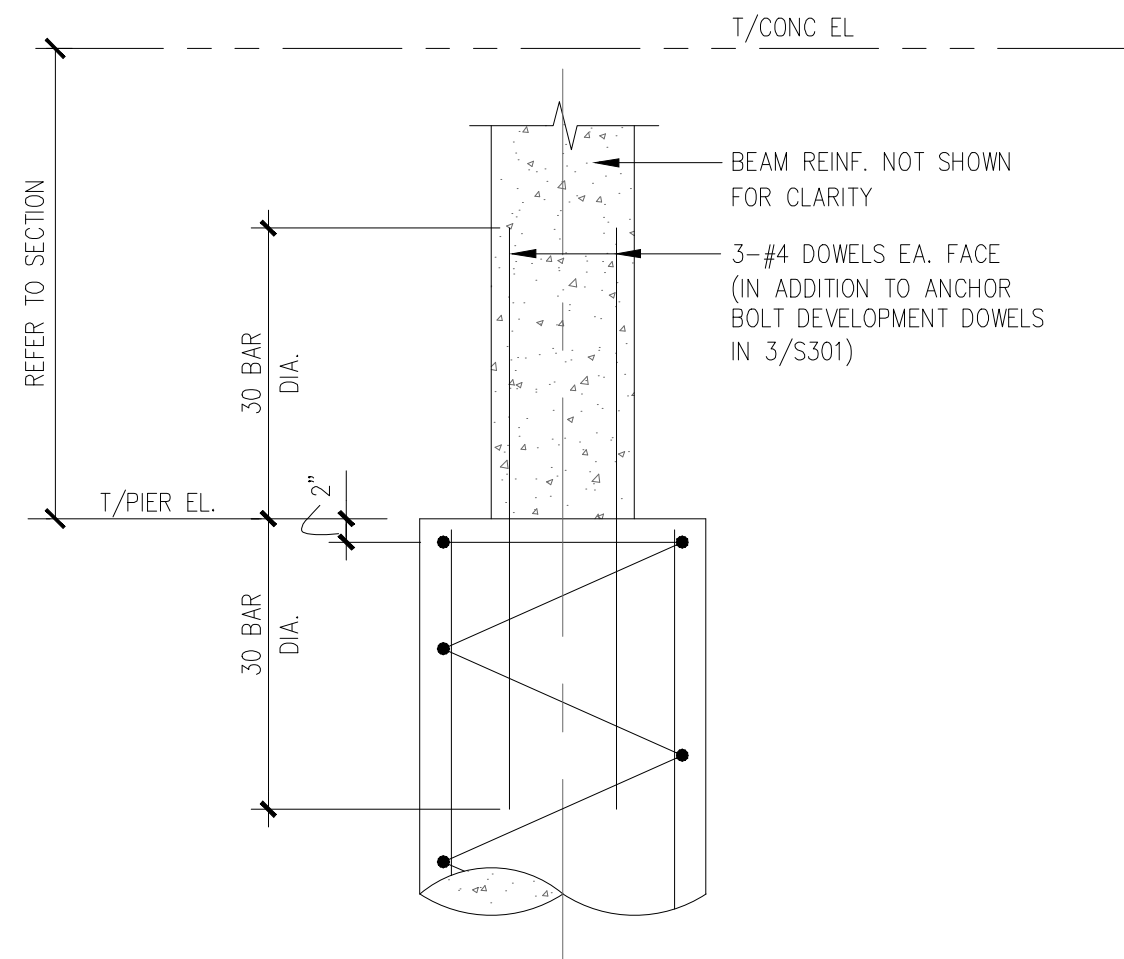
2 MECH. YARD WALL SECTION
SCALE 3/4" = 1' - 0"



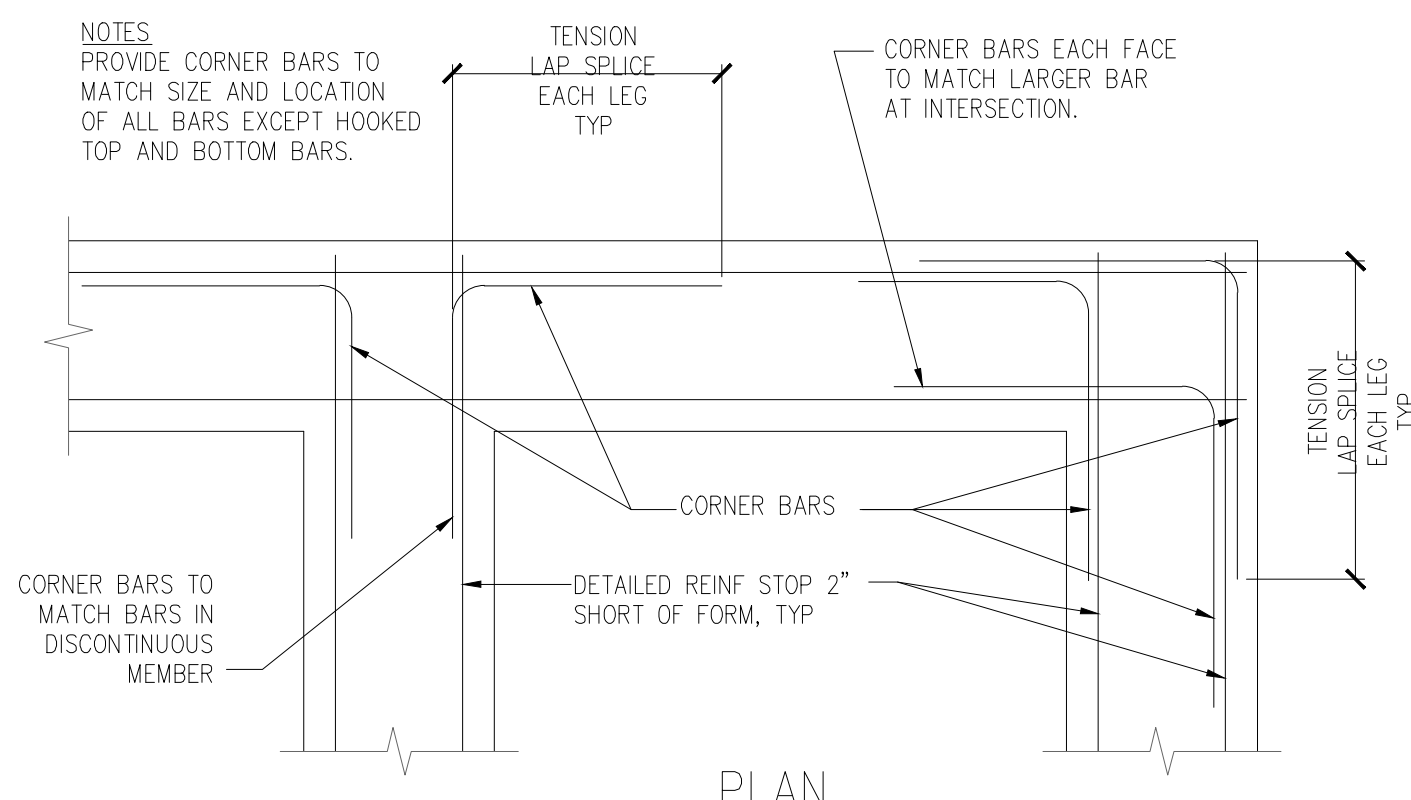
3 MECH. YARD WALL SECTION
SCALE 3/4" = 1' - 0"



9 HOUSEKEEPING PAD
SCALE 3/4" = 1' - 0"



7 TYP. DETAIL
SCALE N.T.S.



8 WALL CORNER REINF
SCALE N.T.S.

REVISIONS	DATE
1. "As-Built" Document Revisions	10/08/12

AS-BUILT DRAWINGS
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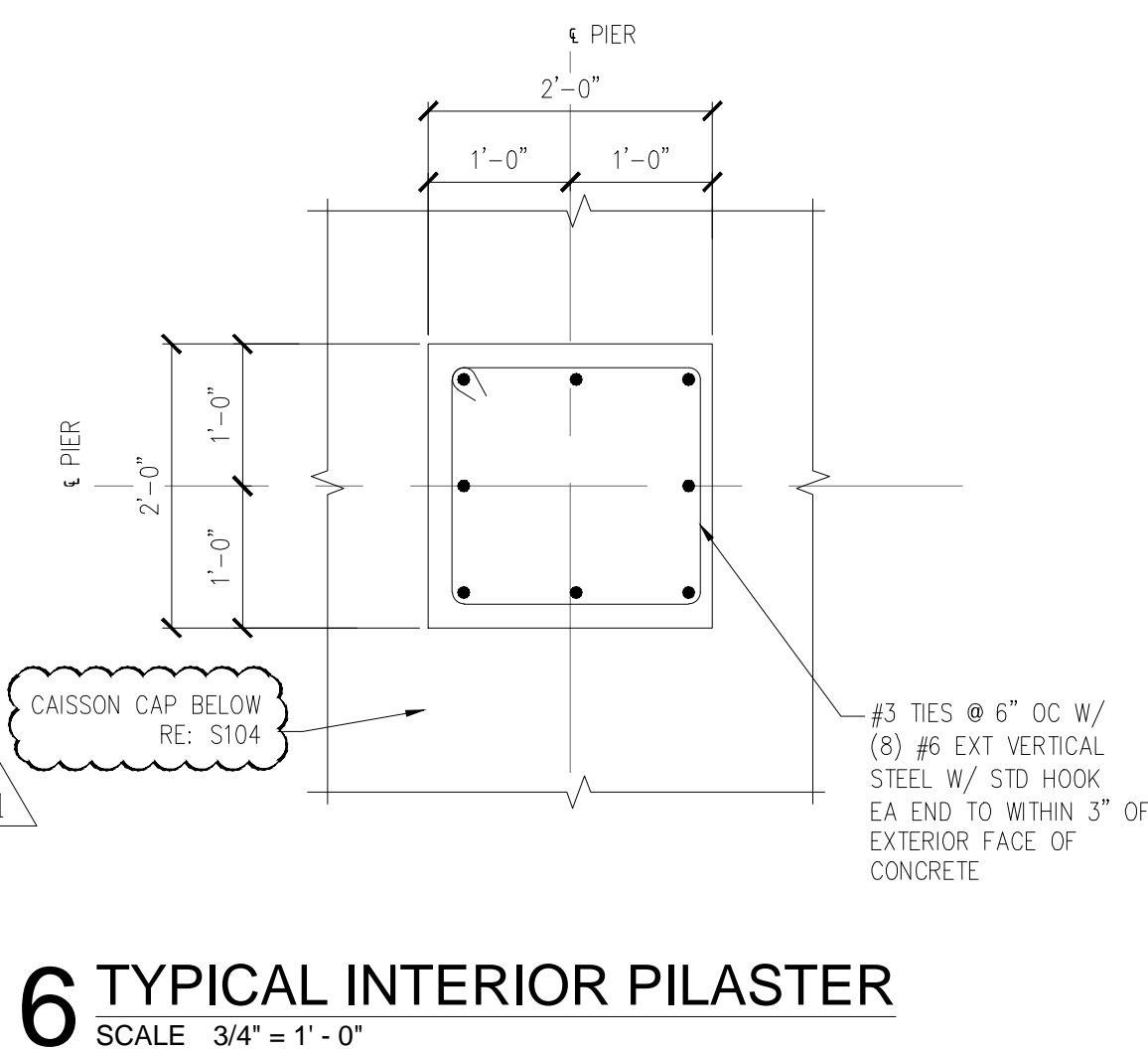
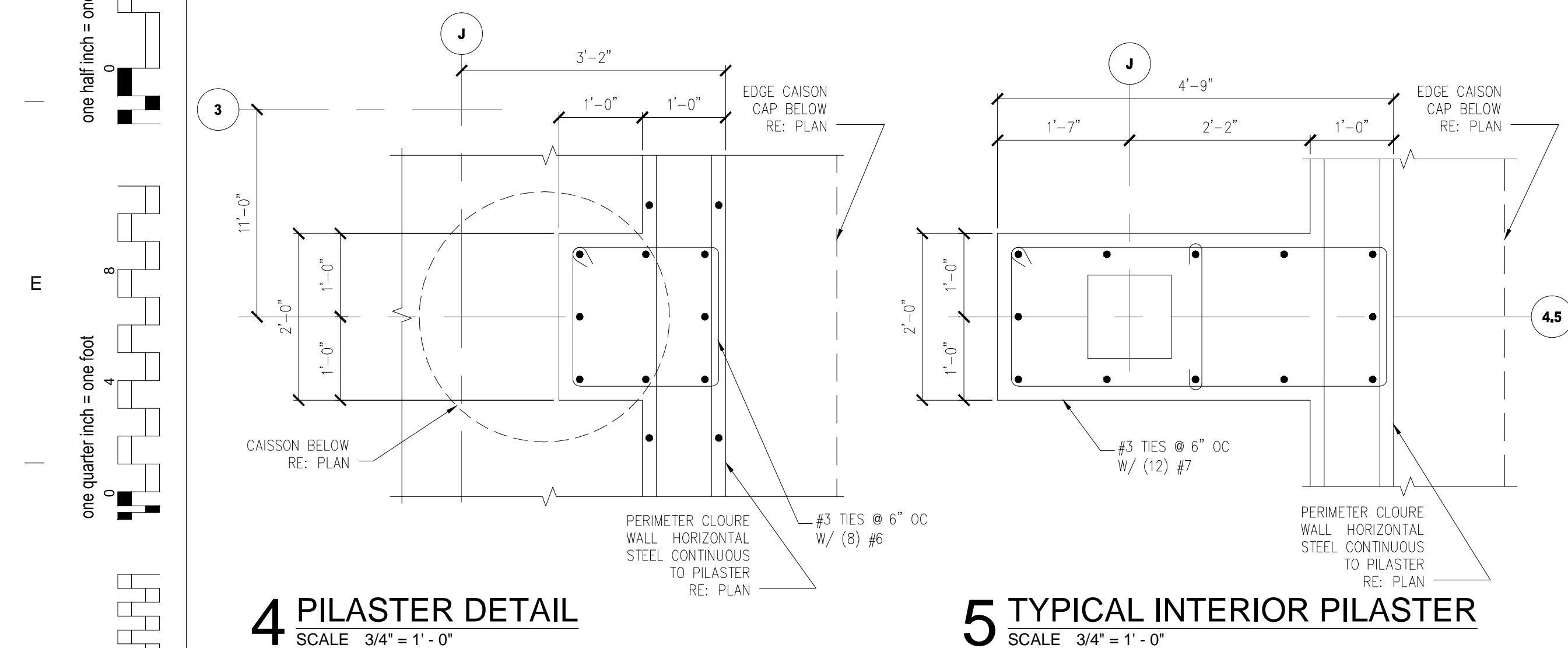
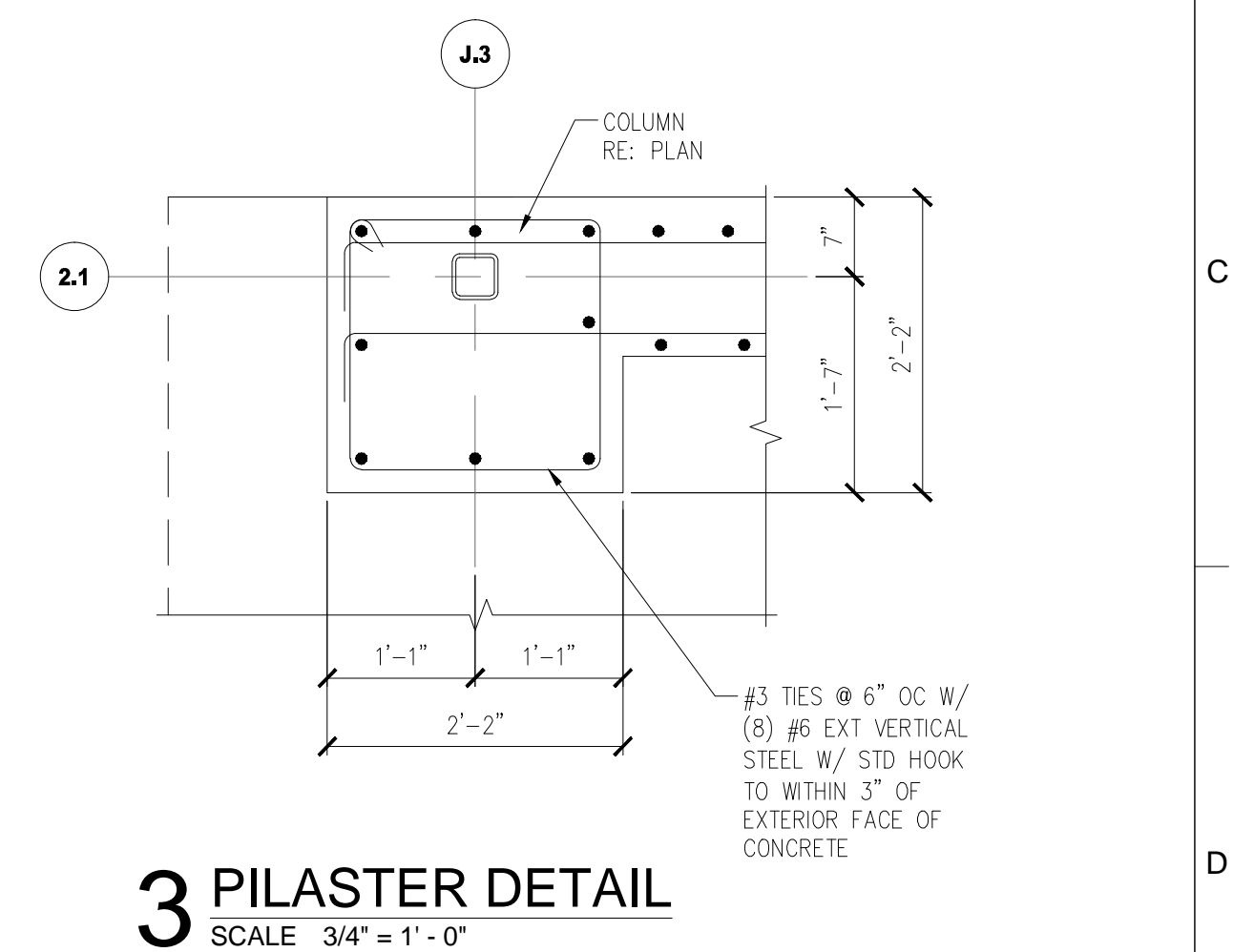
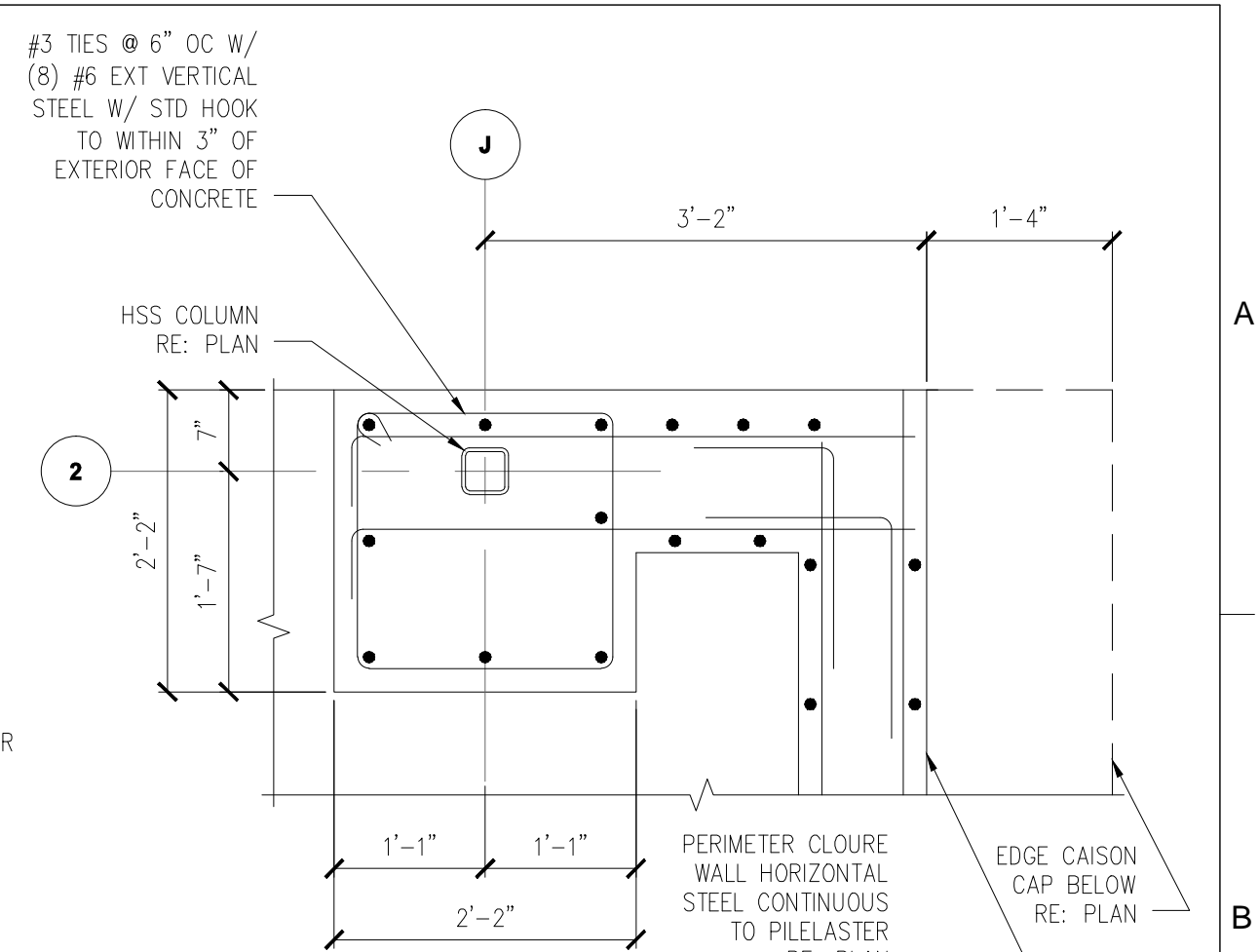
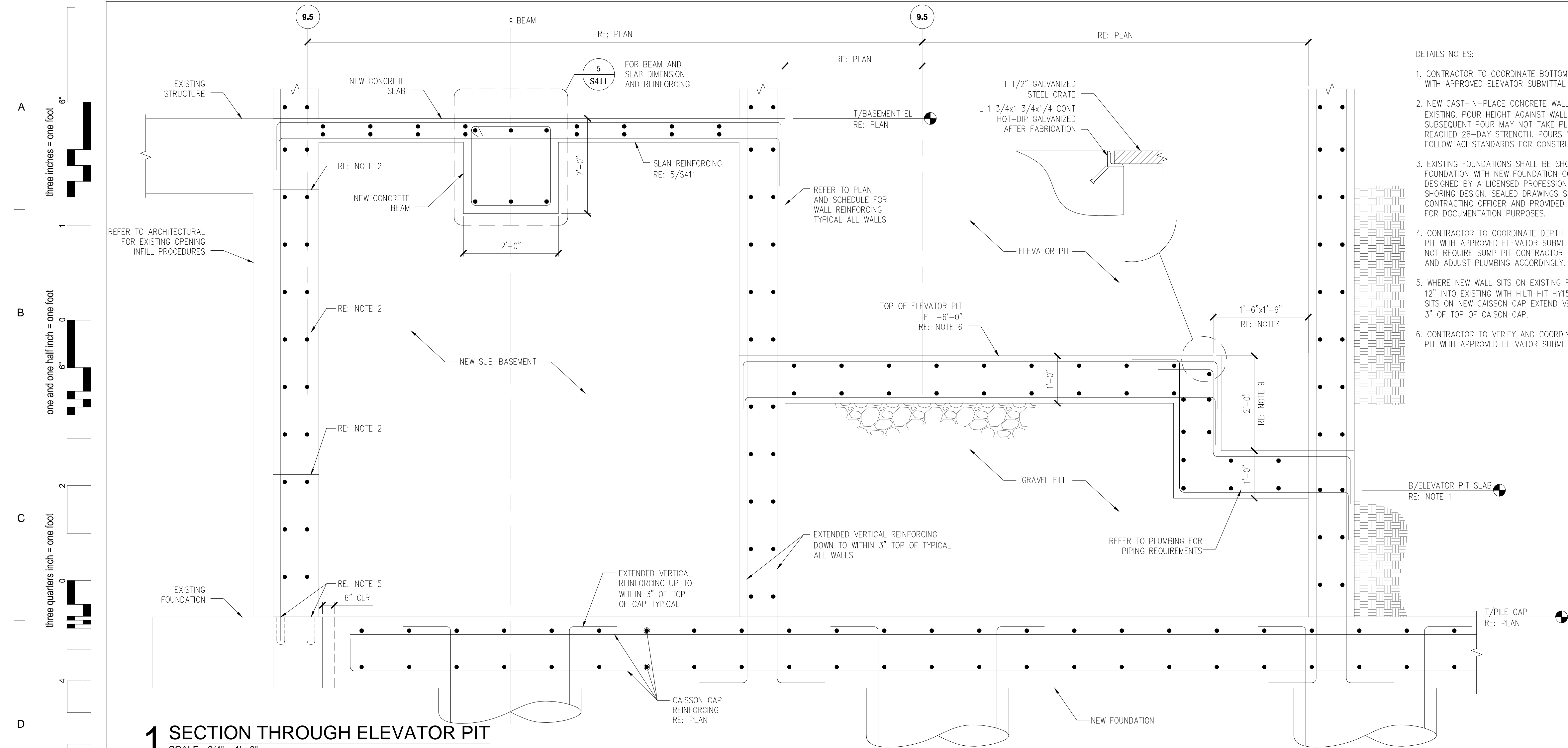
Drawing Title	FOUNDATION DETAILS
Approved: Project Director	




Project Title	Outpatient Mental Health Improvements Overton Brooks Veterans Administration Medical Center
Project Number	667-081
Building Number	Bldg. 1, South Wing
Location	Sheveport, Louisiana
Date	01/20/2010
Checked	KJL
Drawn	RPA

Drawing Number	S302
Dwg. 58 of 123	

Office of
Facility
Management

Project Status



REVISIONS		DATE	AS-BUILT DRAWINGS This document has been prepared based on As-Built information provided by others. Those relying on this document are advised to obtain independent verification of its accuracy before using it for any purpose.	CONSULTANTS:
	AMENDMENT 0008-08/01/09	12/01/09		Jacobs Engineering
	"As-BUILT" DOCUMENT REVISIONS	10/08/12		 10816 EXECUTIVE CENTER DRIVE, SUITE 300 LITTLE ROCK, ARKANSAS 7211-4383 PHONE (501) 223-0515 FAX (501) 223-2470 JACOBS PROJECT NO: F3W81800

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Drawing Title		Project Title		Project Number		Office of Facility Management
FOUNDATION DETAILS		Outpatient Mental Health Improvements Overton Brooks Veterans Administration Medical Center		667-081		
				Building Number Bldg. 1, South Wing		
Approved: Project Director		Location		Drawing Number		Project Status
		Sheveport, Louisiana		S311		
		Date	Checked	Drawn	Dwg. 60 of 123	
		01/20/2010	KJL	RPA		

A

B

C

D

E

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A

B

C

D

E

1 BEAM ELEVATION

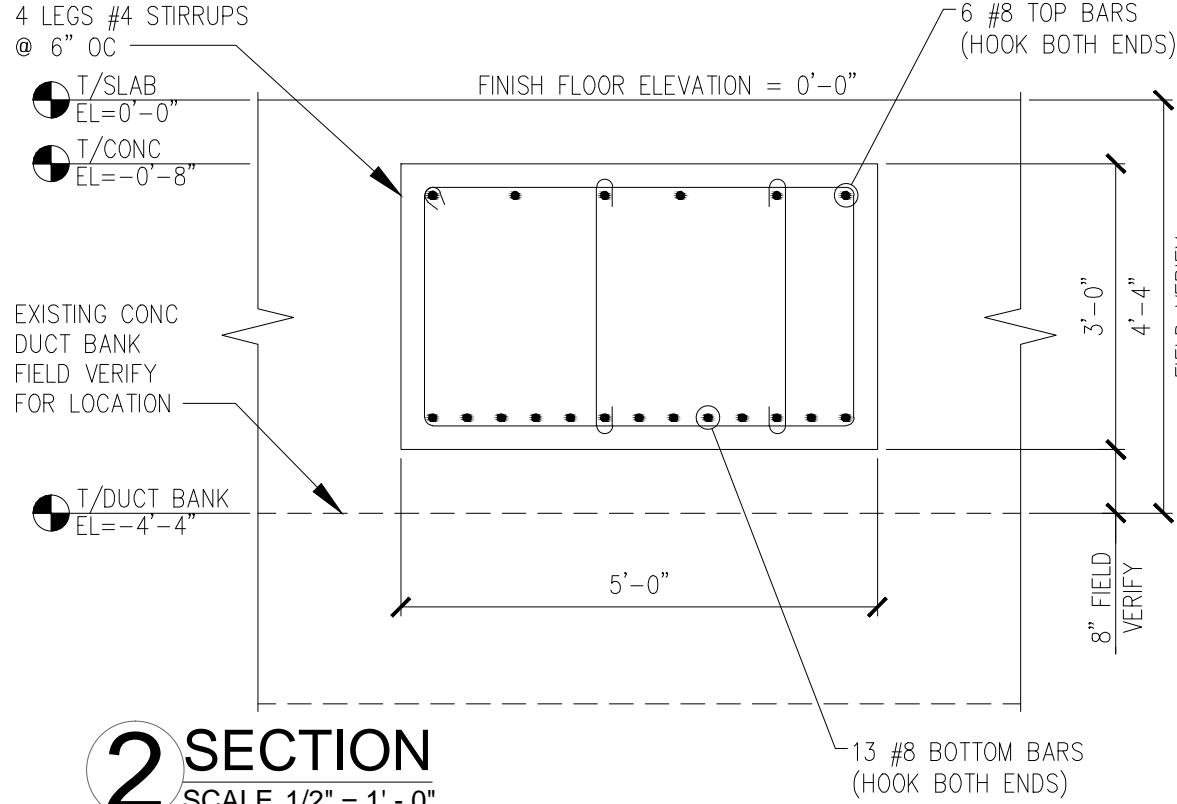
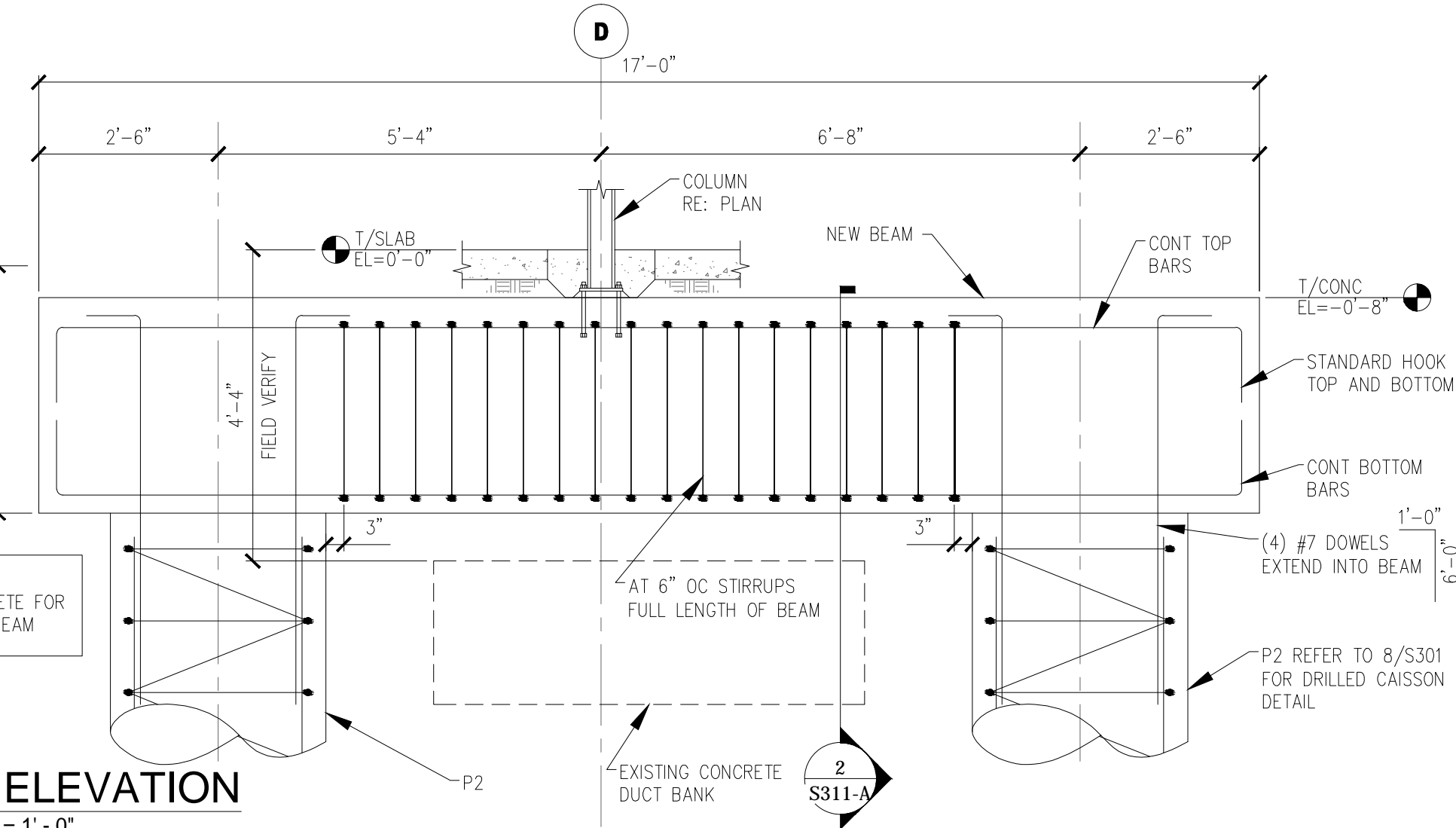
SCALE 1/2" = 1' - 0"

2 SECTION

SCALE 1/2" = 1' - 0"

NOTE:
USE 4000 PSI CONCRETE FOR
THE NEW CONCRETE BEAM

NOTE:
FLOOR SLAB AND BUILDING COLUMN
NOT SHOWN FOR CLARITY



REVISIONS

DATE

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Drawing Title

FOUNDATION DETAILS

Approved: Project Director

Project Title

Outpatient Mental Health Improvements
Overton Brooks
Veterans Administration Medical Center

Location

Shreveport, Louisiana

Date

10/08/2012

Checked

KJL

Drawn

RPA

Project Number

667-081

Building Number

Bldg. 1, South Wing

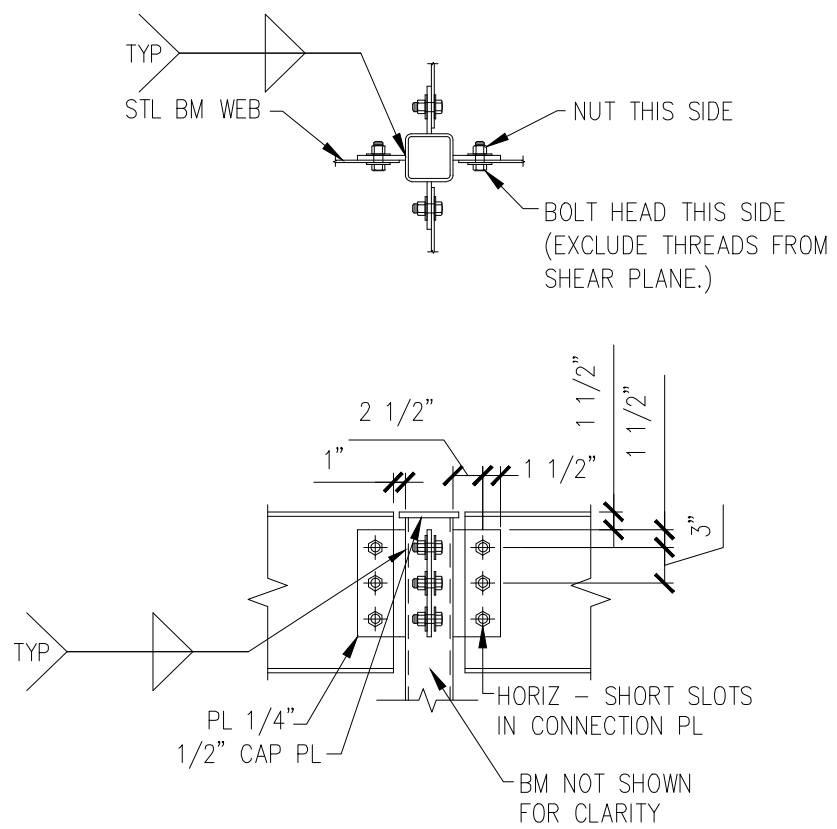
Drawing Number

S311A
Dwg. 60A of 123

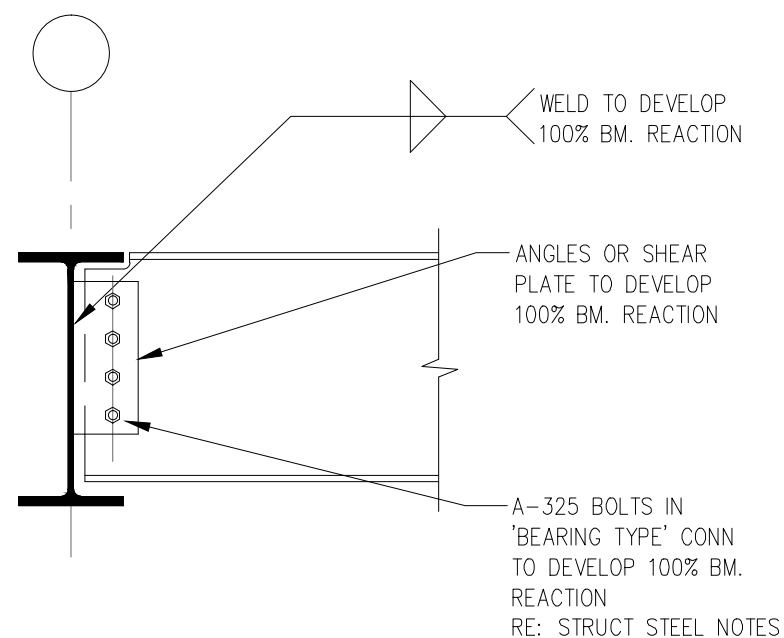
Office of
Facility
Management

Project Status

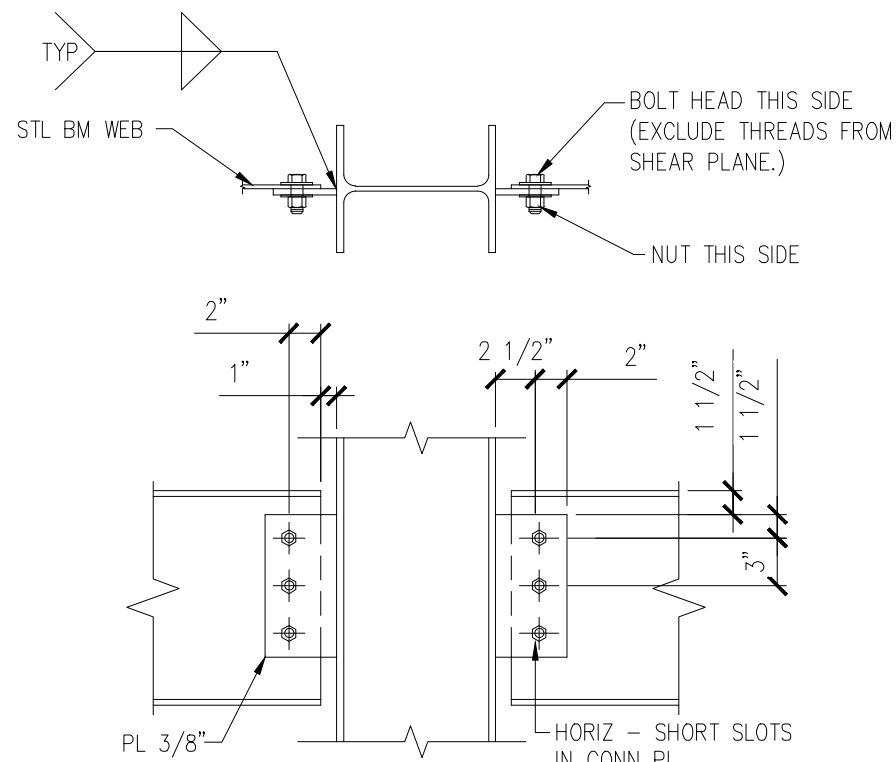
A three inches = one foot
B one and one half inch = one foot
C three quarters inch = one foot
D one half inch = one foot
E one quarter inch = one foot
F one eighth inch = one foot
01 January, 2000



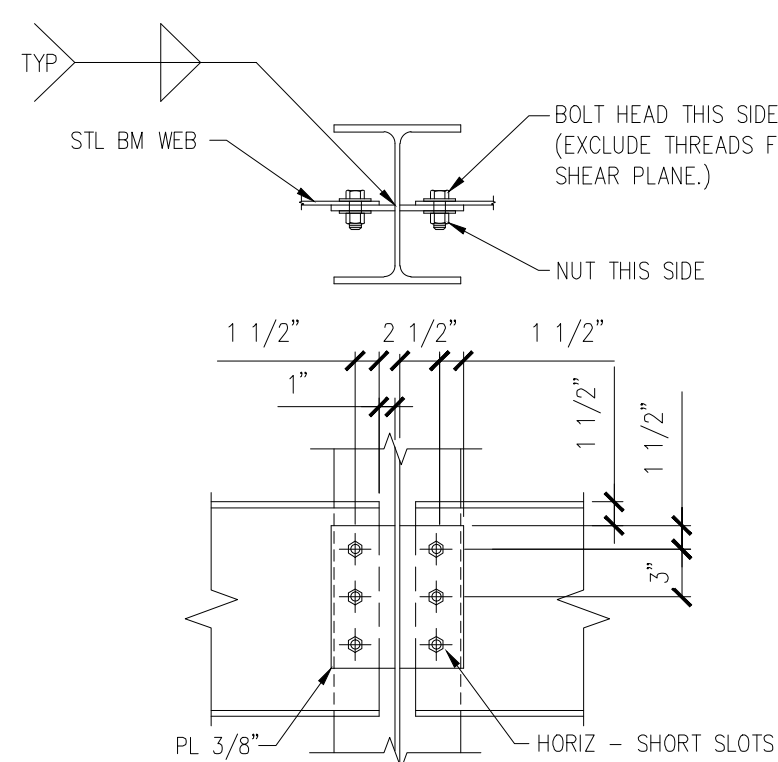
1 TYP BM TO COL CONN
SCALE 3/4" = 1' - 0"



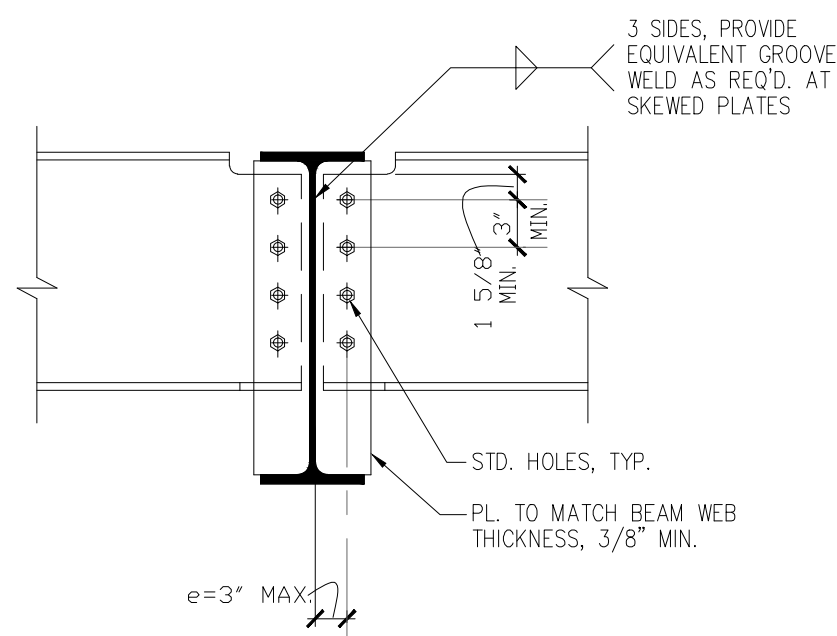
2 TYP BM TO BM SHEAR CONN
SCALE NTS



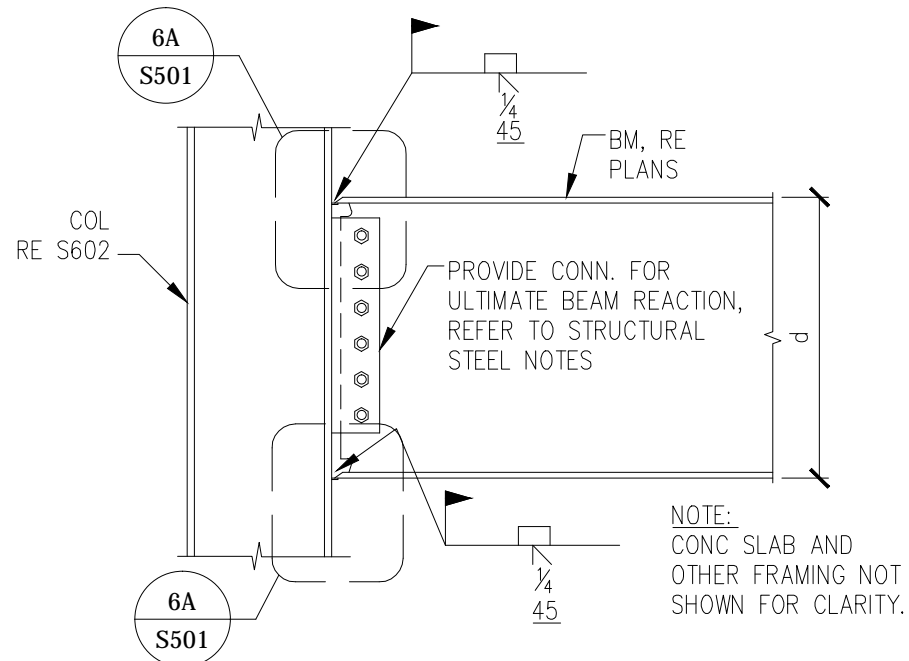
3 TYP BM TO COL CONN
SCALE 1" = 1' - 0"



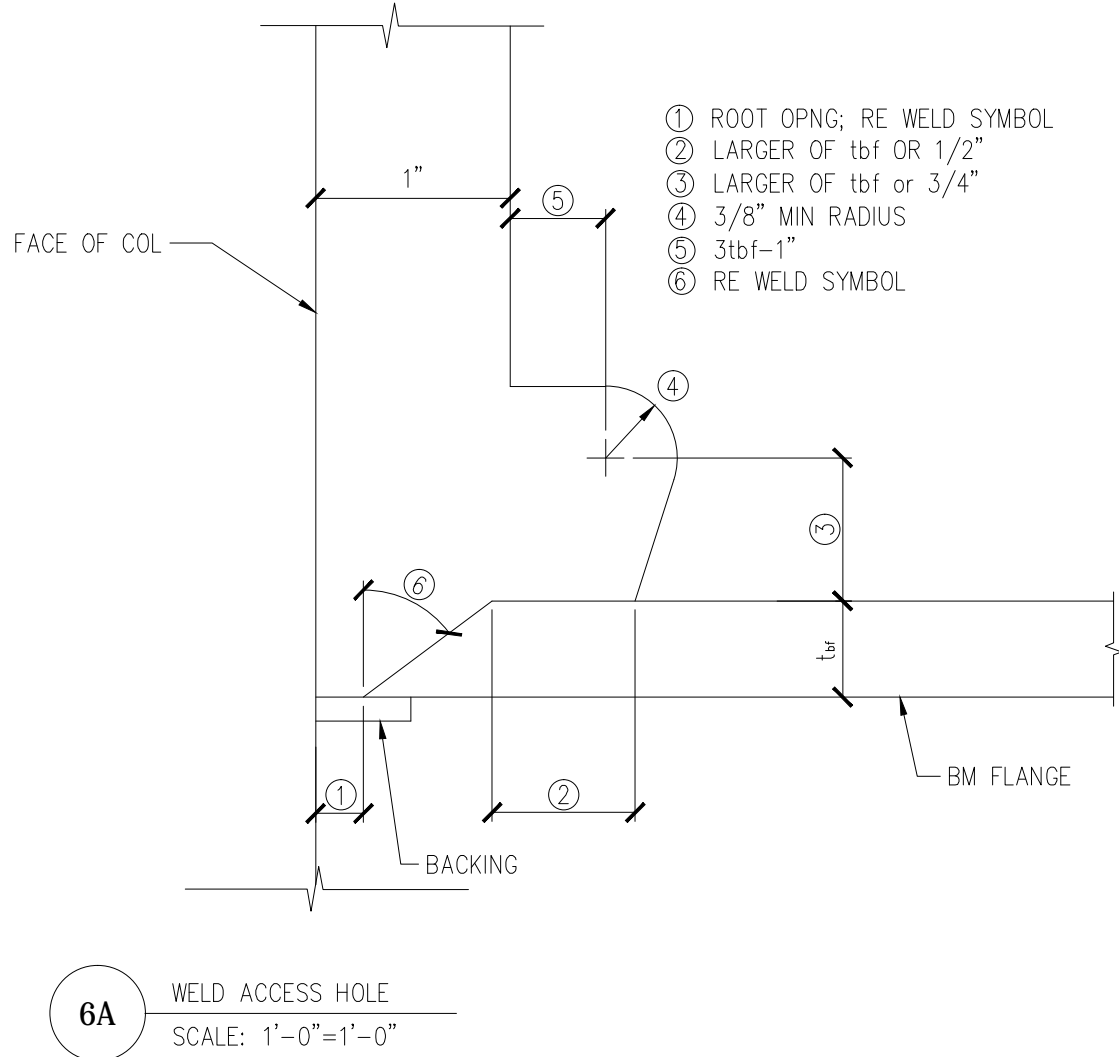
4 TYP BM TO COL CONN
SCALE 1" = 1' - 0"



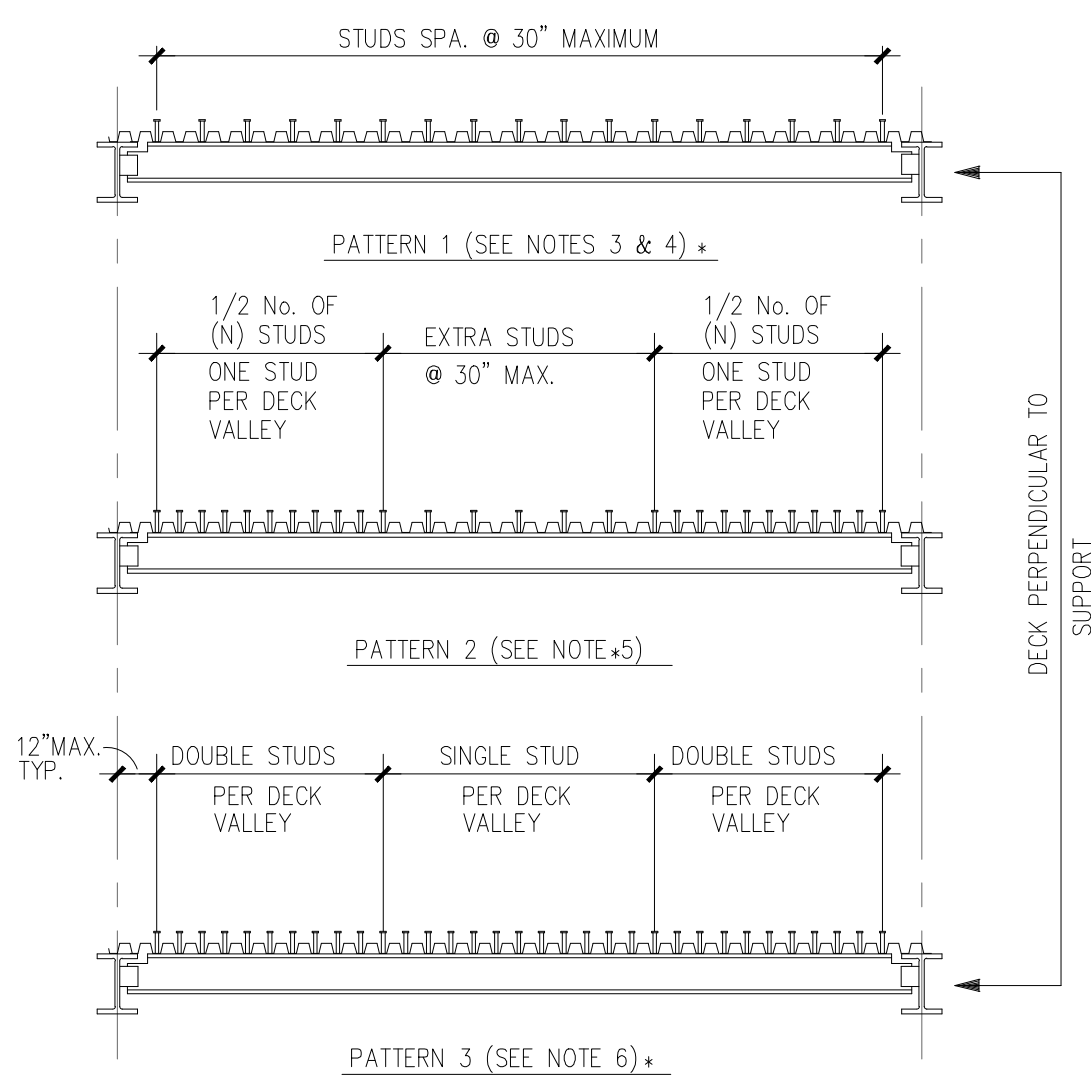
5 TYP SINGLE PLATE
BOLTED BEAM CONNX.
SCALE 1" = 1' - 0"



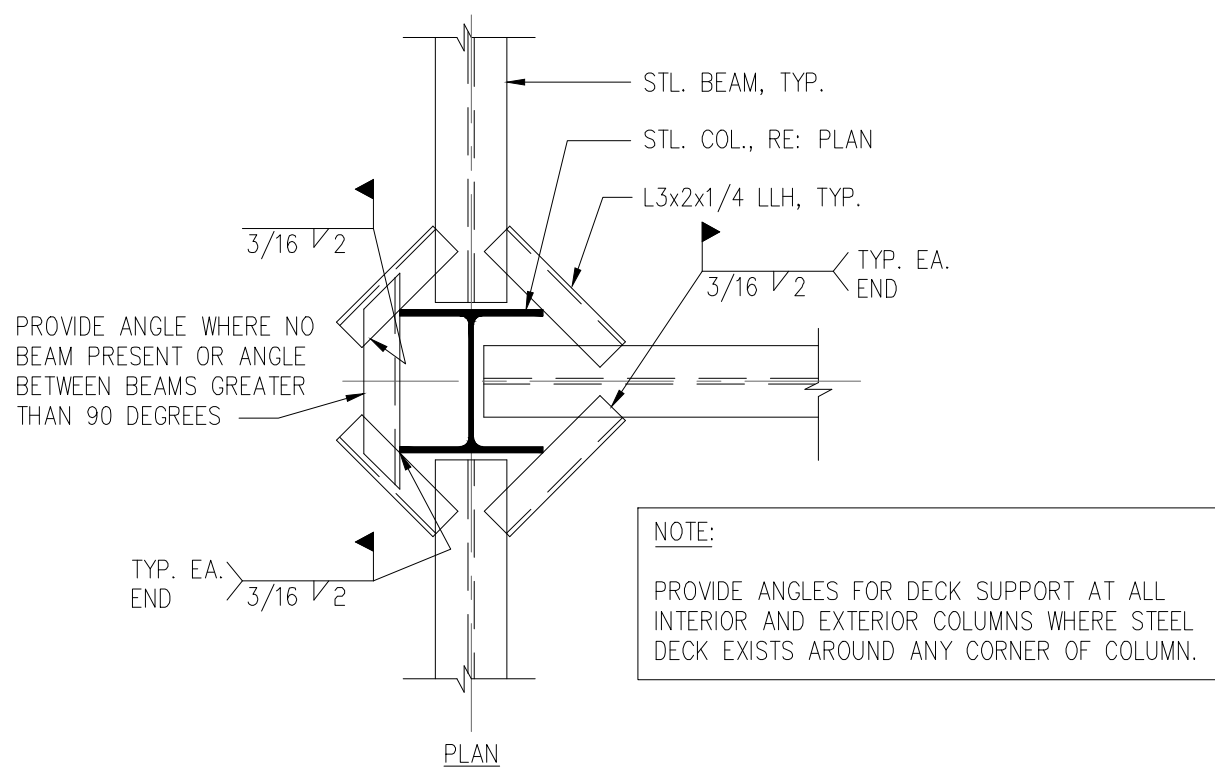
6 TYP. MOMENT CONNECTION
SCALE 3/4" = 1' - 0"



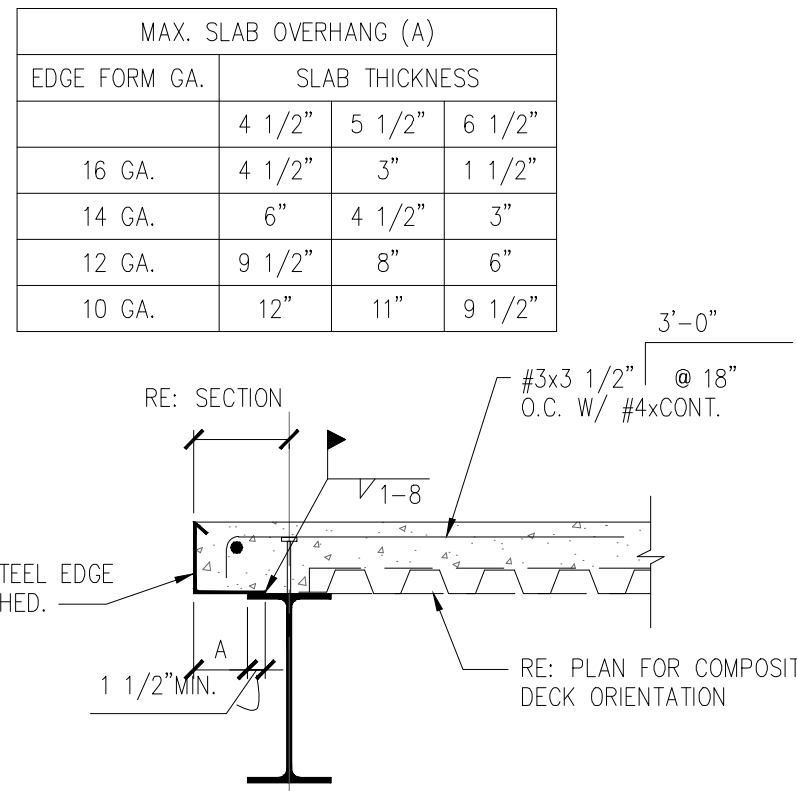
7 TYP. DECK SUPPORT
PERPENDICULAR TO BEAM
SCALE NTS



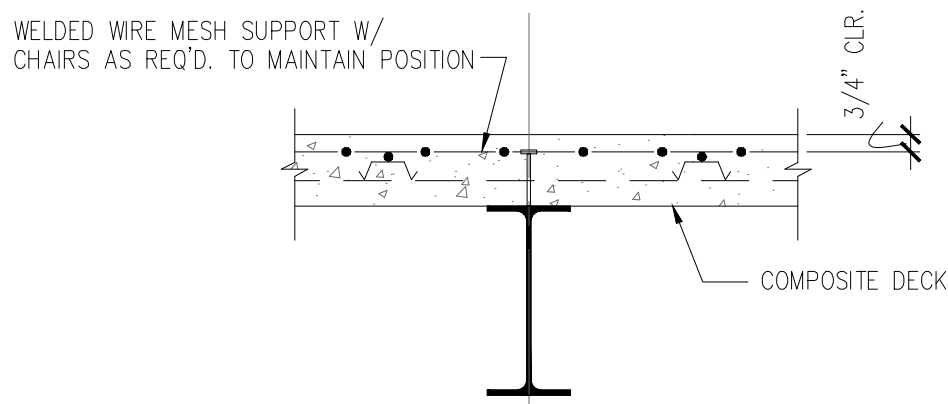
7 STUD PLACEMENT DETAILS AND NOTES
SCALE NTS



10 TYP. COMPOSITE DECK
SUPPORT AT COLUMN
SCALE NTS



8 TYP. COMPOSITE SLAB
EDGE CONDITION
SCALE NTS



9 TYP. DECK SUPPORT
PERPENDICULAR TO BEAM
SCALE NTS

REVISIONS	DATE
1. "As-BUILT" DOCUMENT REVISIONS	10/08/12

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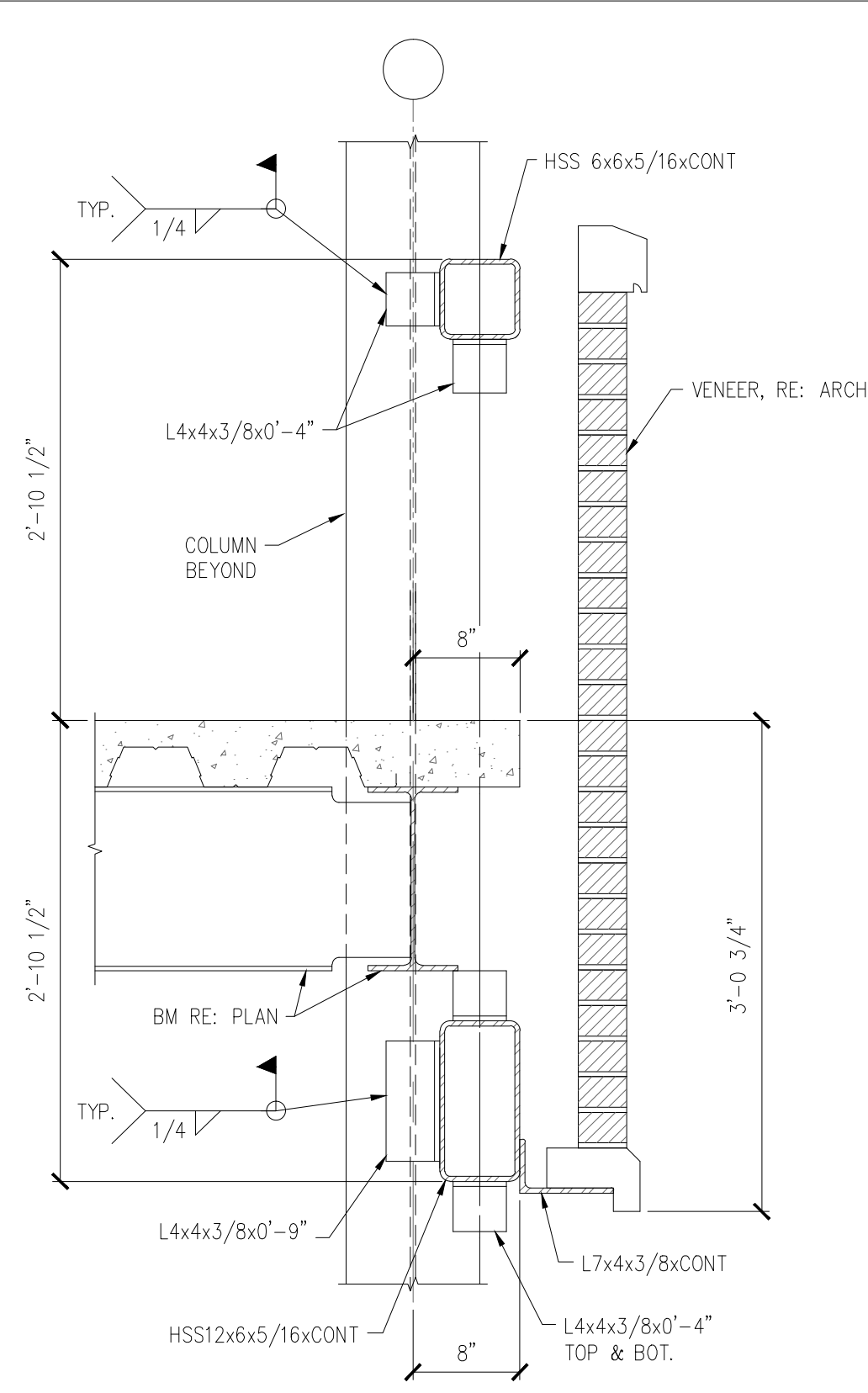
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STUCK associates ARCHITECTS
Phone: (501) 378-0059 www.stuckarch.com 1308 South Main Street Little Rock, Arkansas 72202

Drawing Title
FRAMING DETAILS
Approved: Project Director

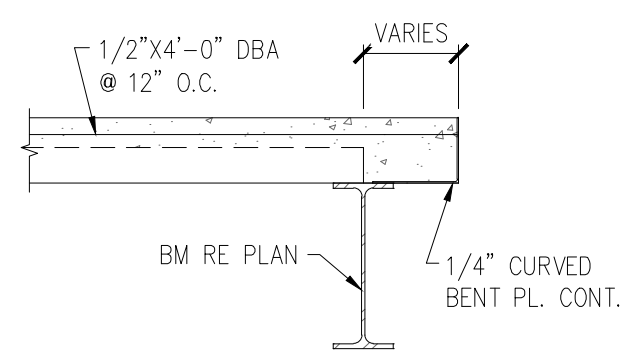
Project Title
Outpatient Mental Health Improvements
Overton Brooks
Veterans Administration Medical Center
Location
Sheveport, Louisiana
Date
01/20/2010
Checked
KJL
Drawn
RPA
Project Number
667-081
Building Number
Bldg. 1, South Wing
Drawing Number
S401
Dwg. 61 of 123

Office of
Facility
Management
Project Status

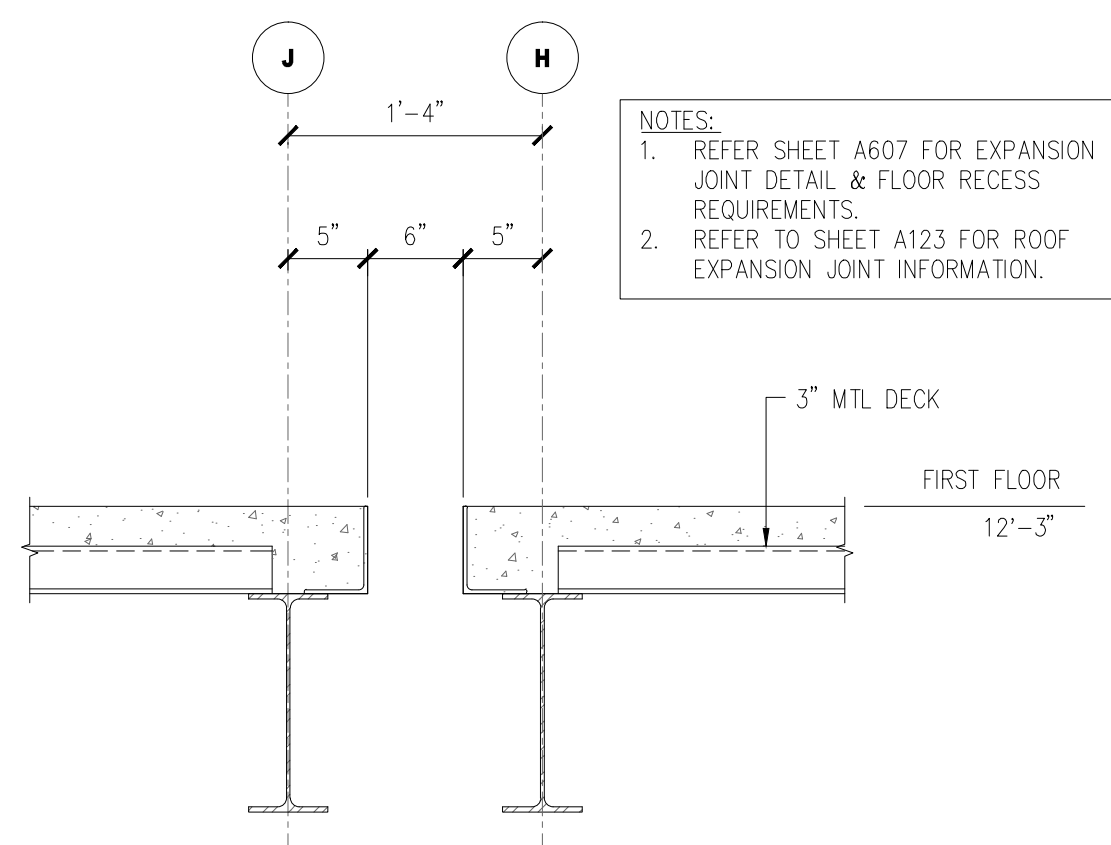
A
three inches = one foot
1
6"
B
one and one half inch = one foot
0
6"
C
three quarters inch = one foot
0
2
D
one half inch = one foot
0
4
E
one quarter inch = one foot
0
4
F
one eighth inch = one foot
0
4
01 January, 2000



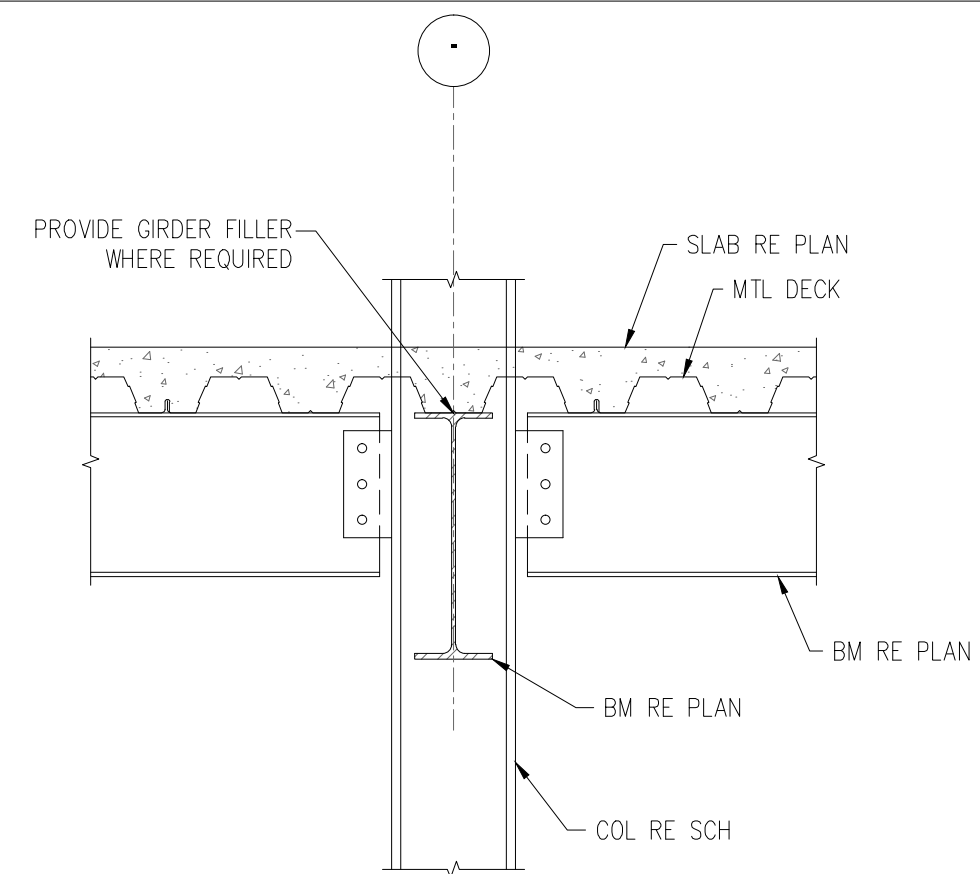
1 BLDG SECTION
SCALE 1" = 1'-0"



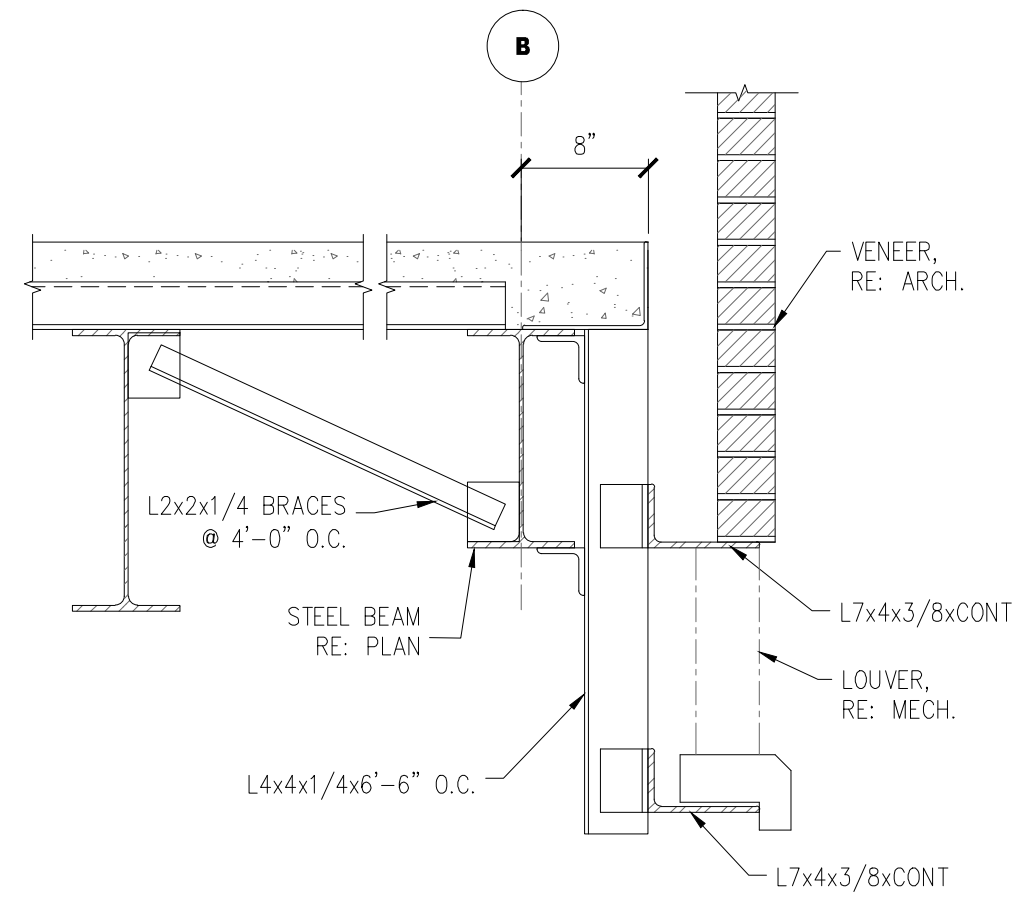
2 SECTION
SCALE 3/4" = 1'-0"



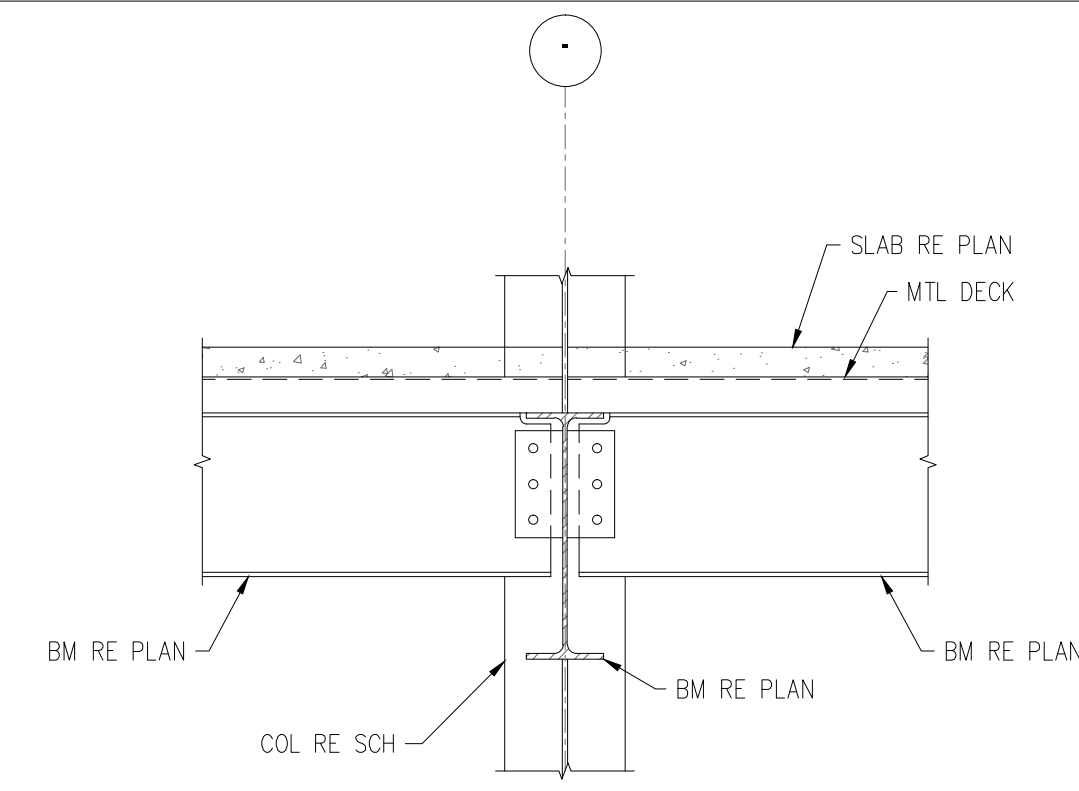
6 BLDG SECTION
SCALE 1" = 1'-0"



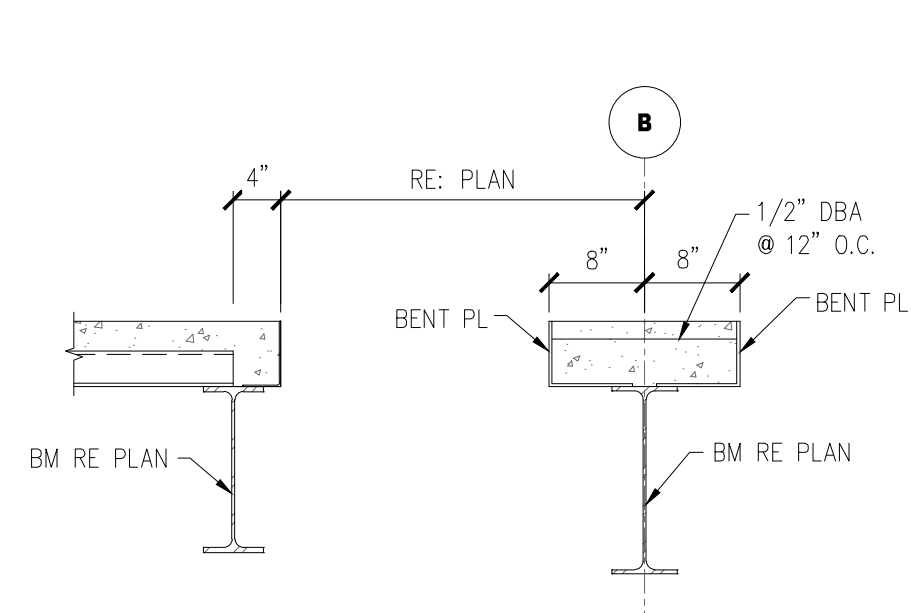
3 SECTION
SCALE 3/4" = 1'-0"



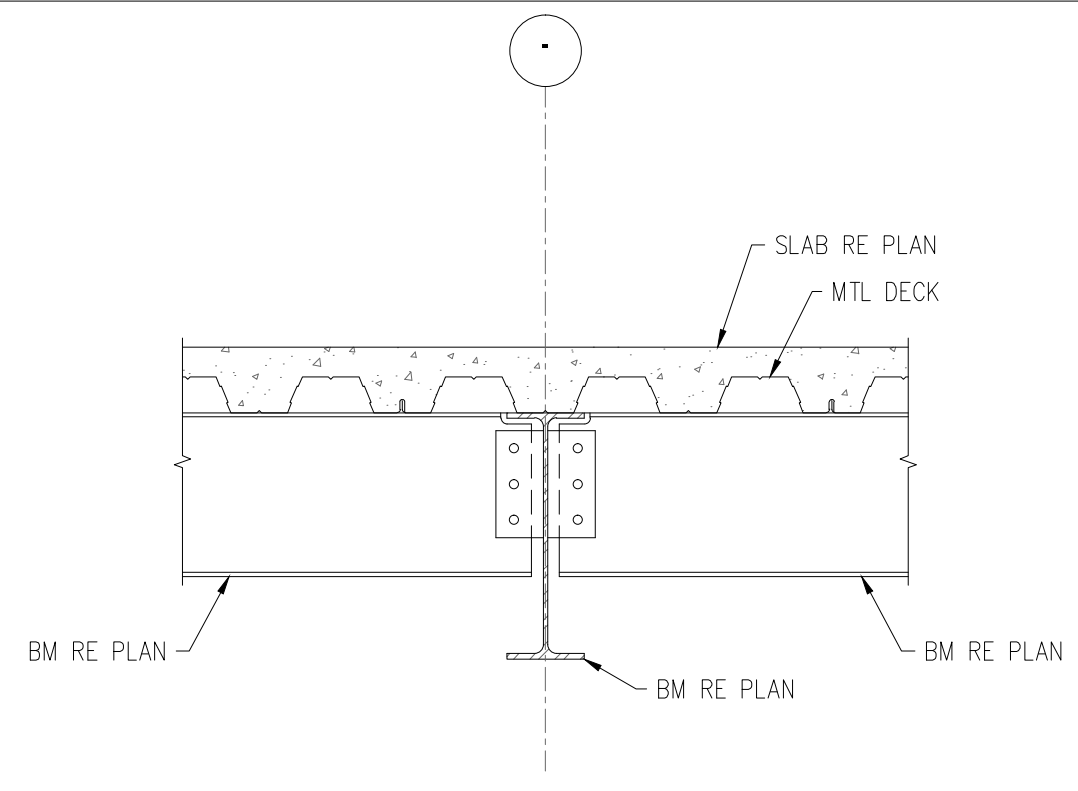
7 BLDG SECTION
SCALE 1" = 1'-0"



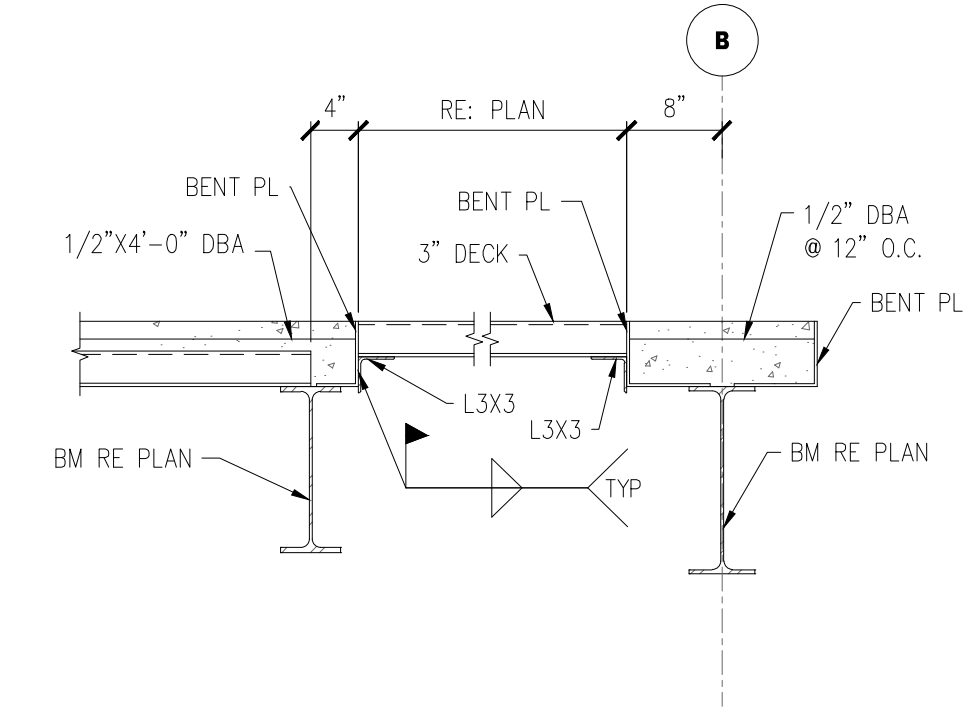
4 SECTION
SCALE 3/4" = 1'-0"



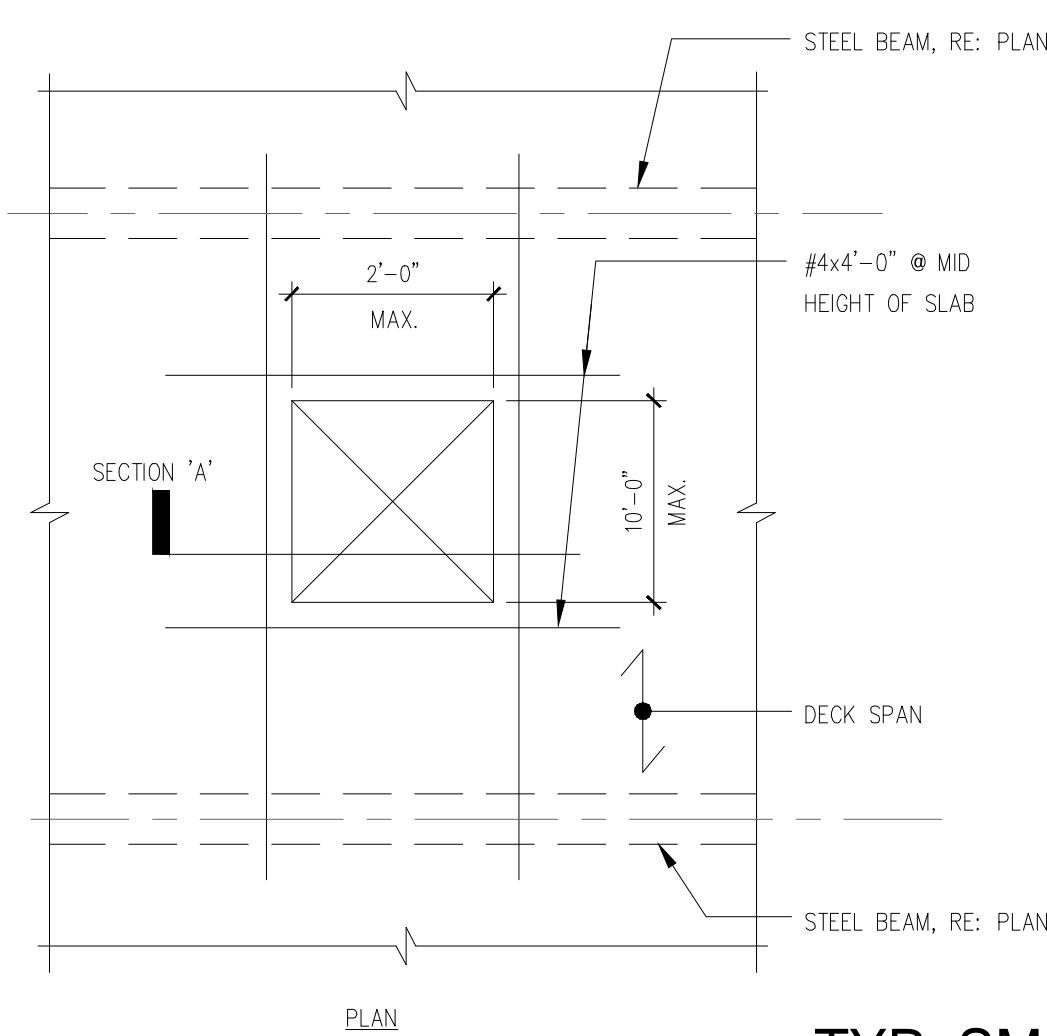
8 SLAB OPNG AT STAIR
SCALE 3/4" = 1'-0"



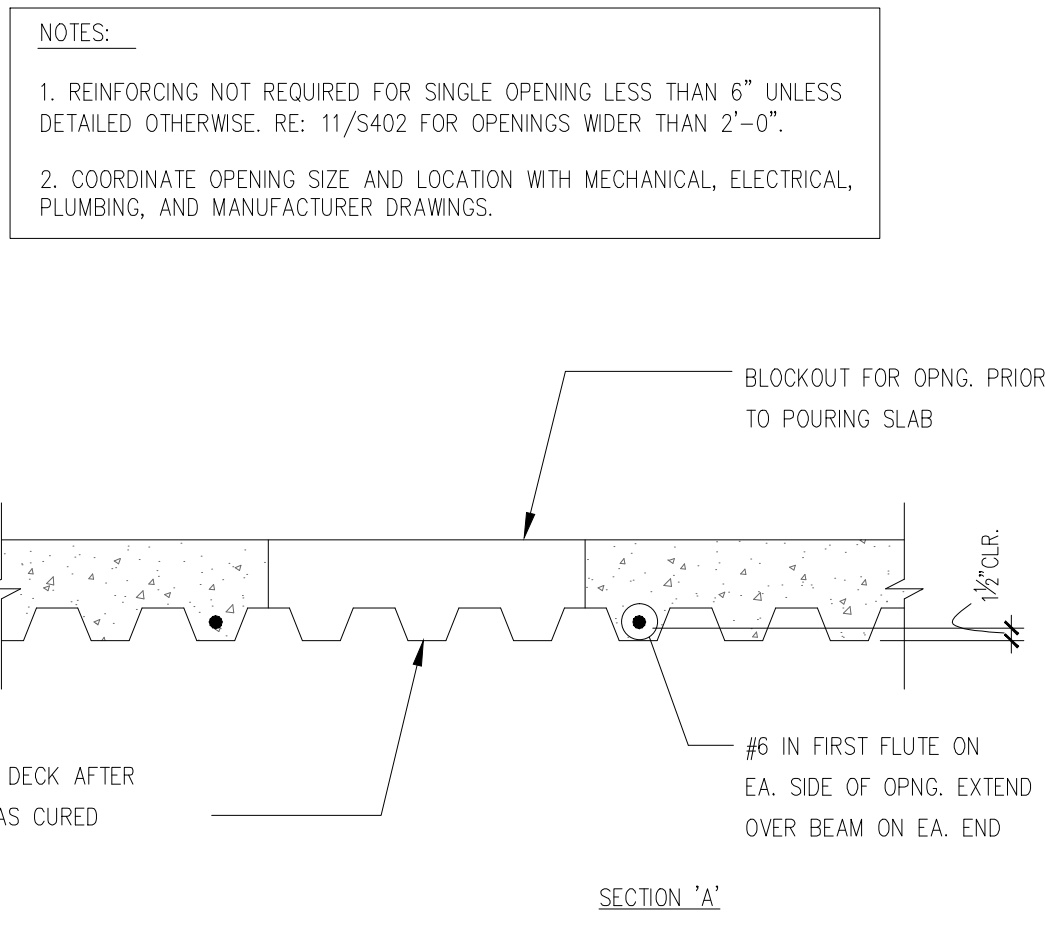
5 SECTION
SCALE 3/4" = 1'-0"



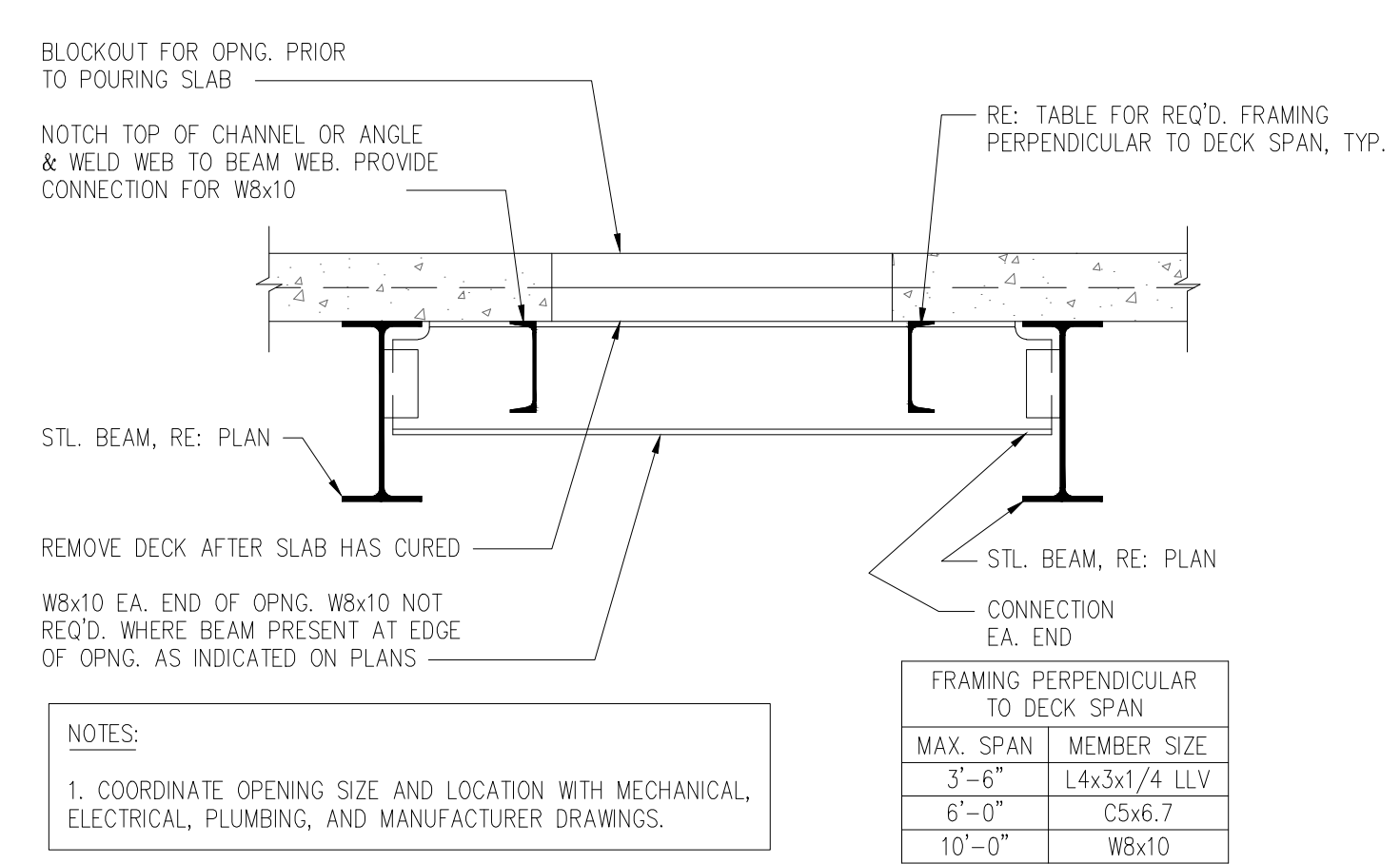
9 SLAB AT 2ND FLOOR/ROOF
SCALE 3/4" = 1'-0"



TYP. SMALL MECH. OPNG.
10 IN COMPOSITE SLAB
SCALE NTS



TYP. LARGE MECH. OPNG.
11 IN COMPOSITE SLAB
SCALE NTS



NOTES:
1. COORDINATE OPENING SIZE AND LOCATION WITH MECHANICAL, ELECTRICAL, PLUMBING, AND MANUFACTURER DRAWINGS.

MAX. SPAN	MEMBER SIZE
3'-6"	L4x3x1/4 LLV
6'-0"	C5x8.7
10'-0"	W8x10

REVISIONS	DATE
As-Built Document Revisions	10/08/12

AS-BUILT DRAWINGS
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JACOBS PROJECT NO: F3W81800

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Fax: (816) 524-9005
Email: jet@tom-arch.com
STUCK
associates
ARCHITECTS
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www.stuckarch.com
1308 South Main Street
Little Rock, Arkansas 72202

Drawing Title
FRAMING DETAILS
Approved: Project Director

Project Title
Outpatient Mental Health Improvements
Overton Brooks
Veterans Administration Medical Center
Project Number
667-081
Building Number
Bldg. 1, South Wing
Location
Sheveport, Louisiana
Date
01/20/2010
Checked
KJL
Drawn
RPA
Drawing Number
S402
Dwg. 62 of 123

Office of Facility Management
Project Status

A

B

C

D

E

F

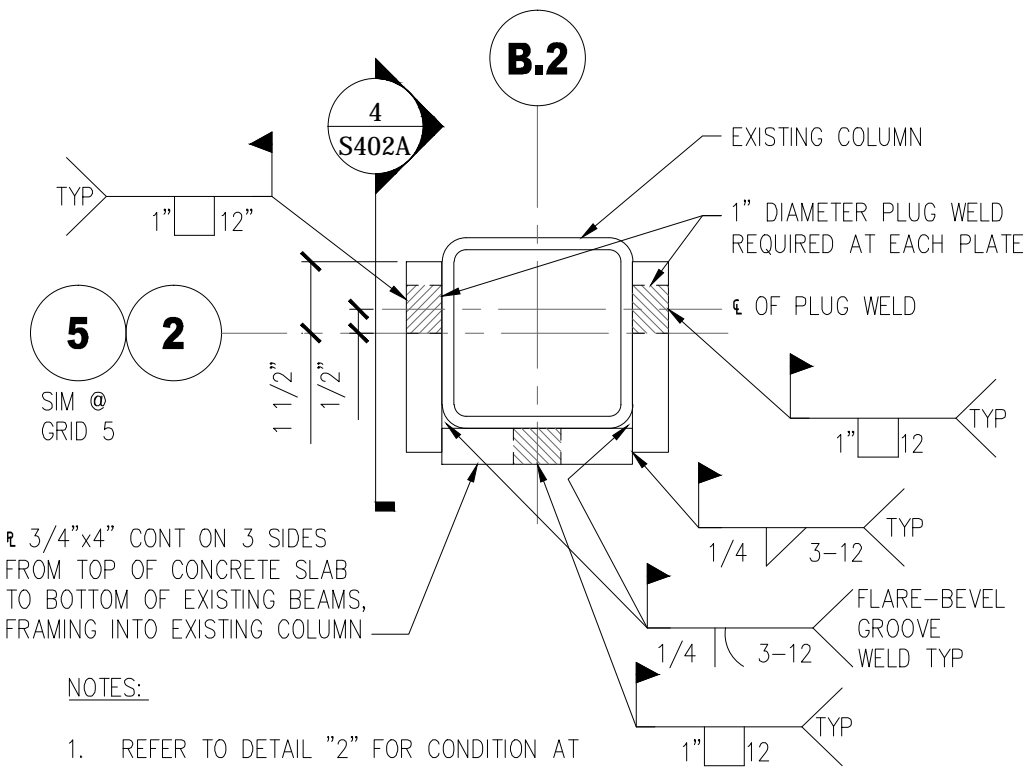
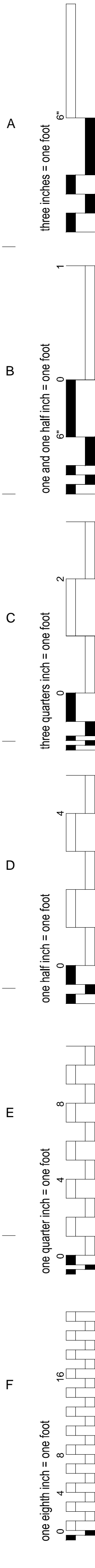
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B

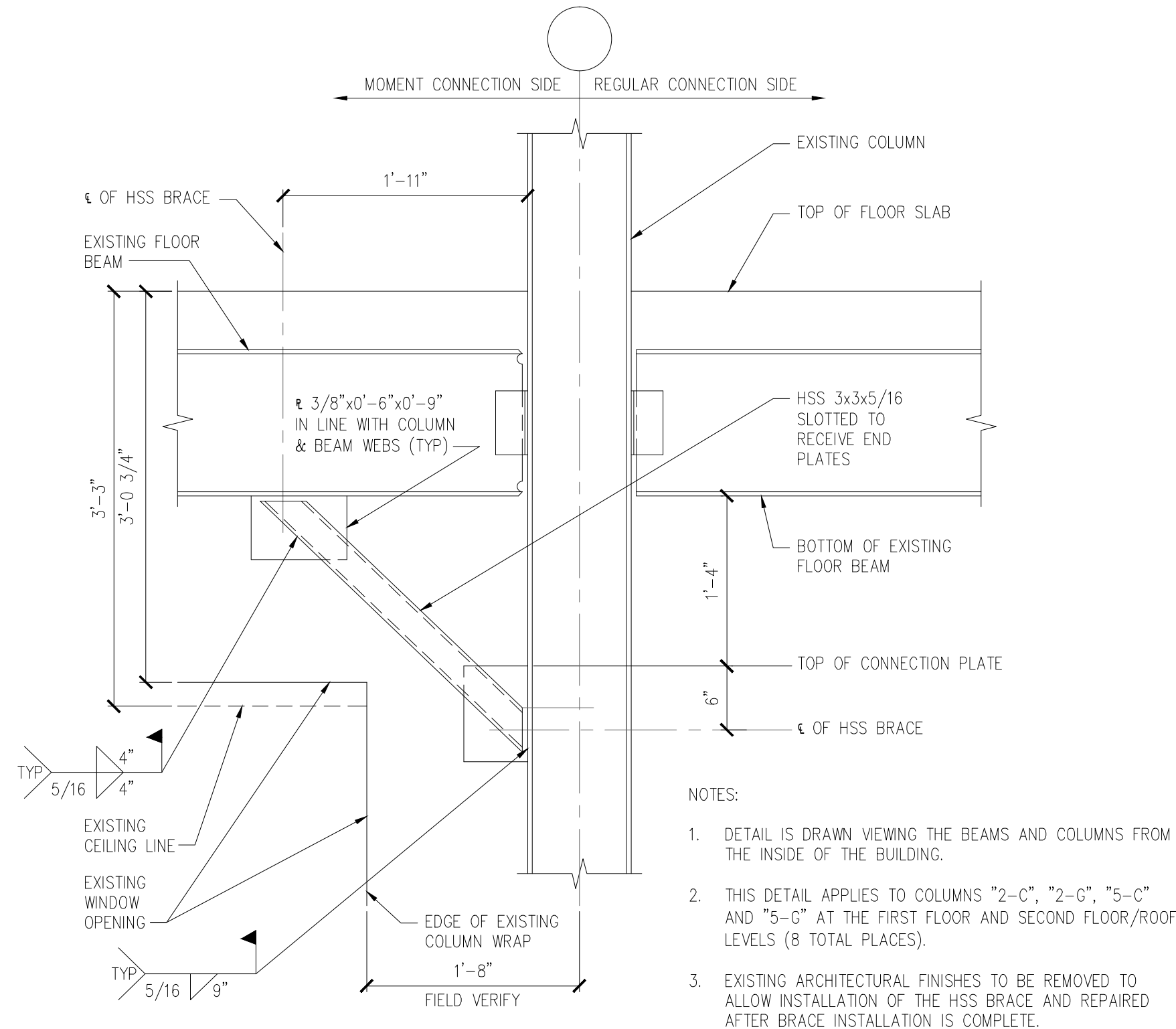
C

D

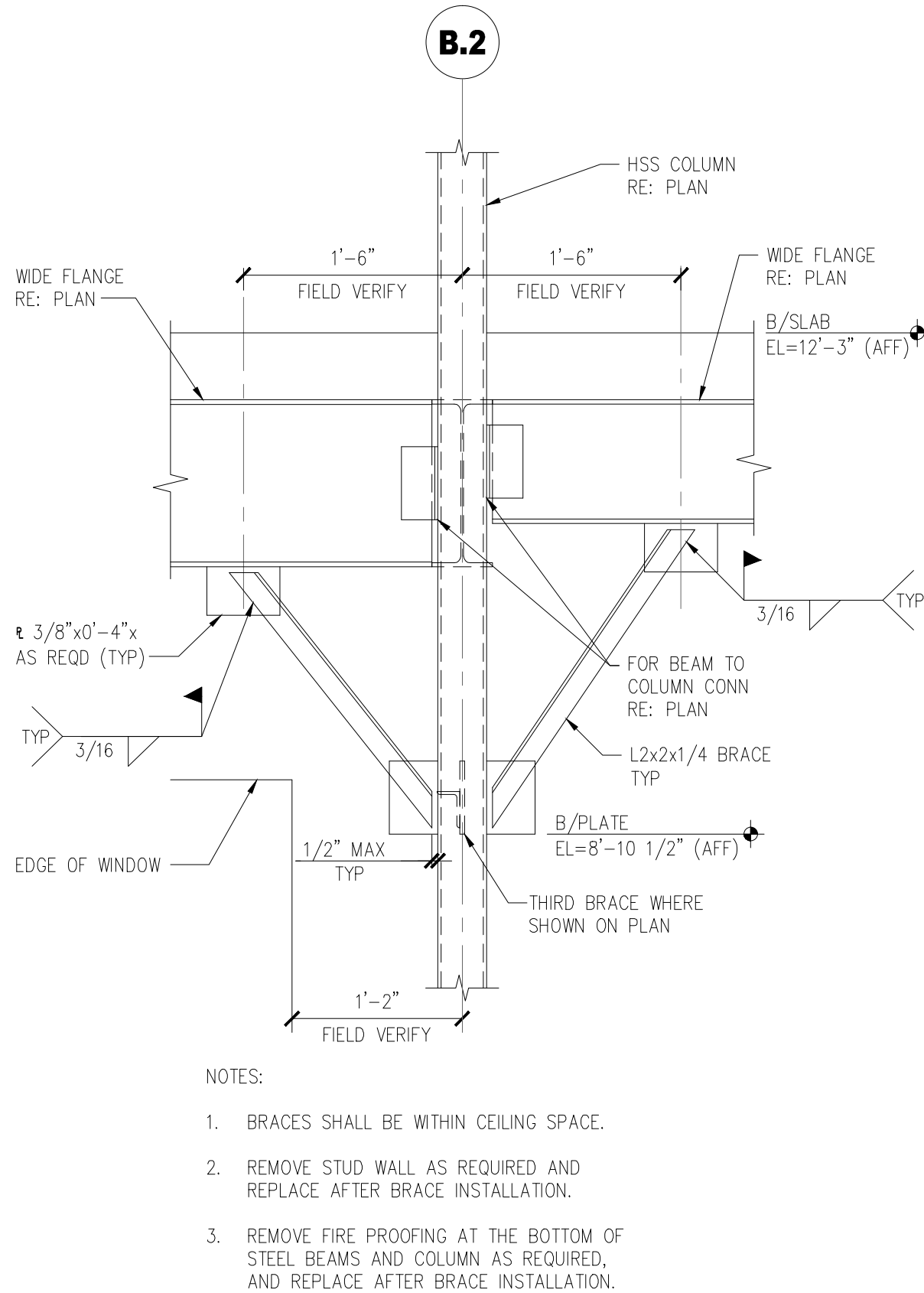
E



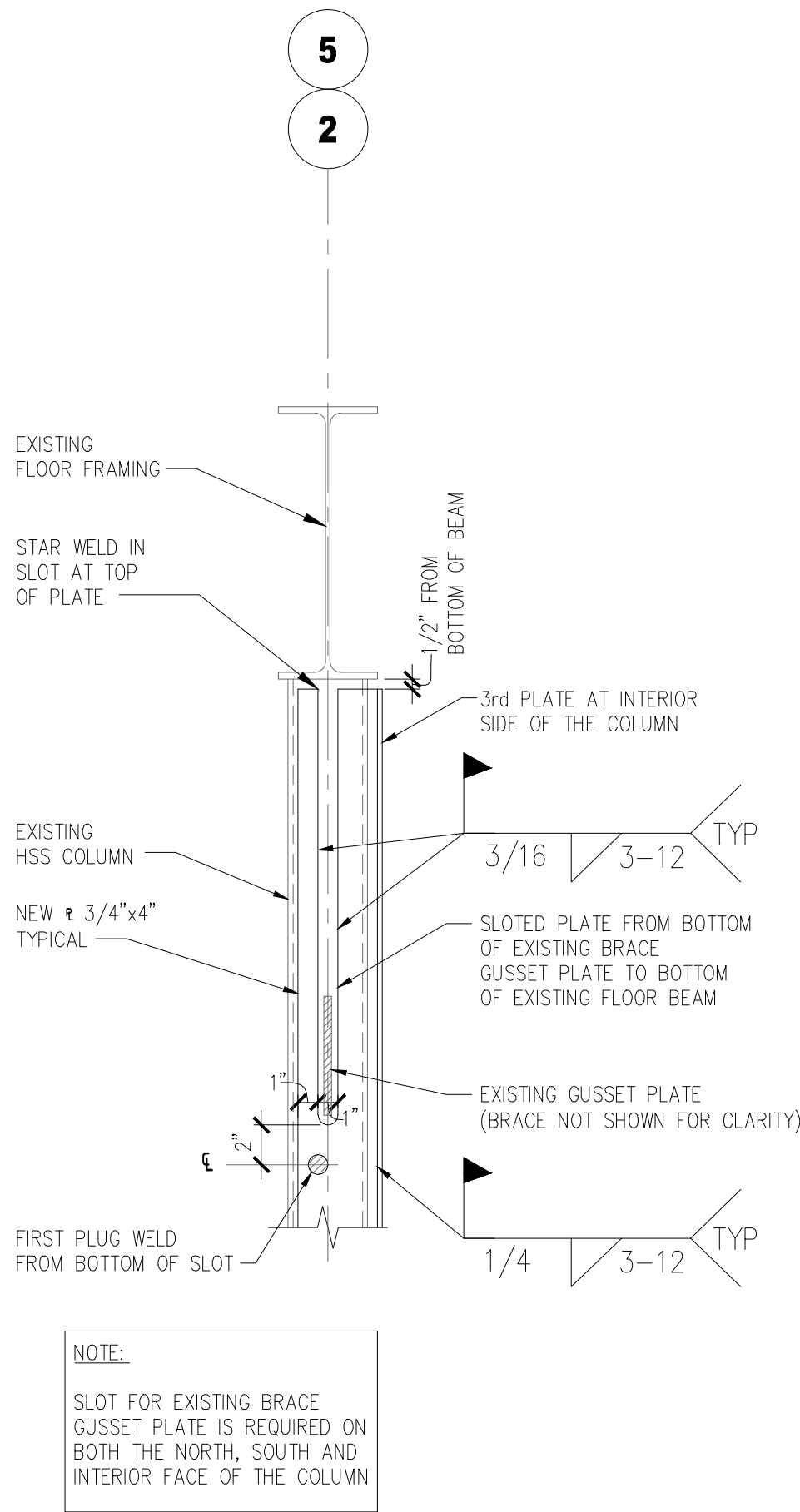
1 COLUMN MODIFICATION DETAIL
SCALE 3" = 1' - 0"



2 COLUMN CONNECTION MODIFICATION DETAIL
SCALE 1" = 1' - 0"



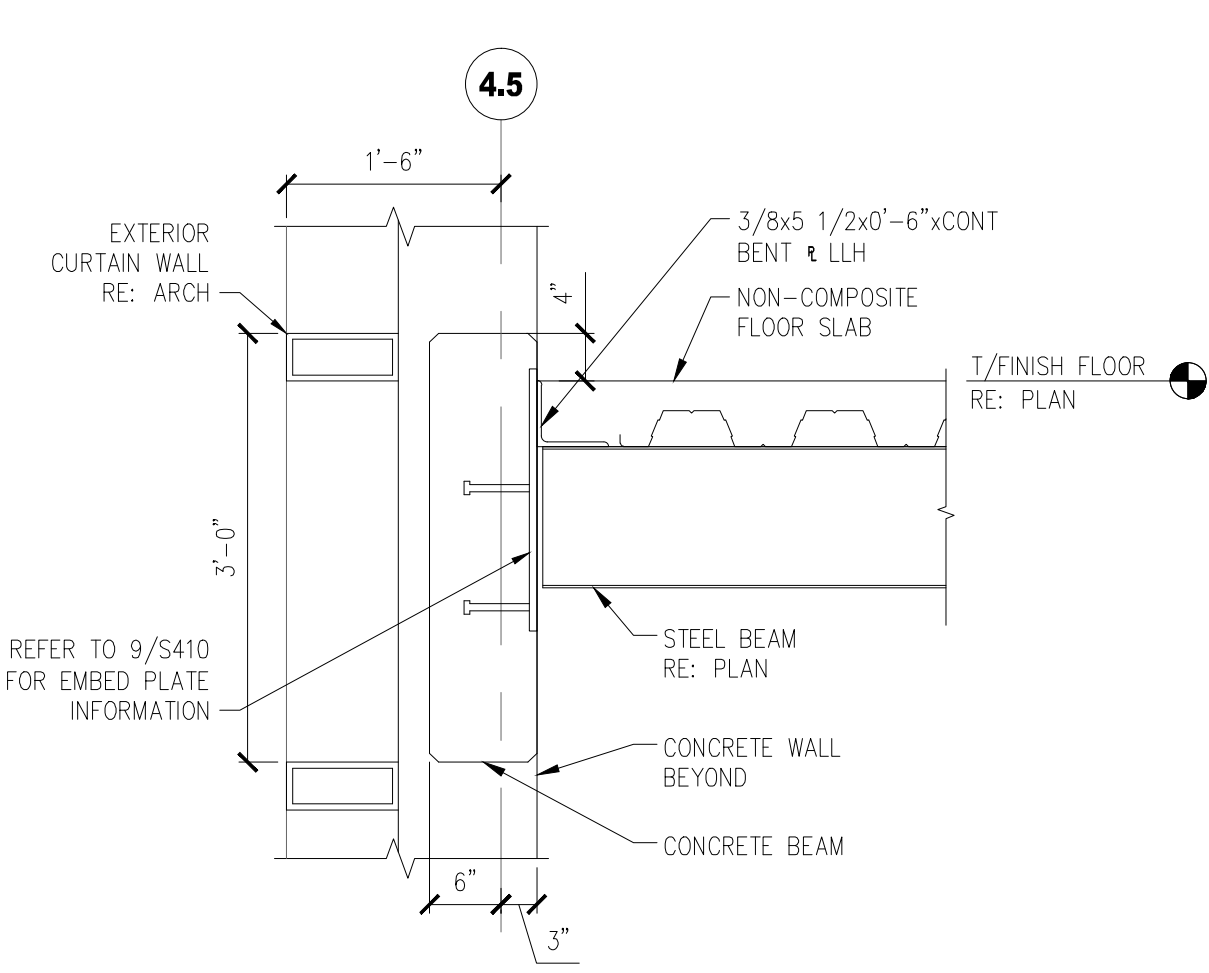
3 BRACE DETAIL
SCALE 1" = 1' - 0"



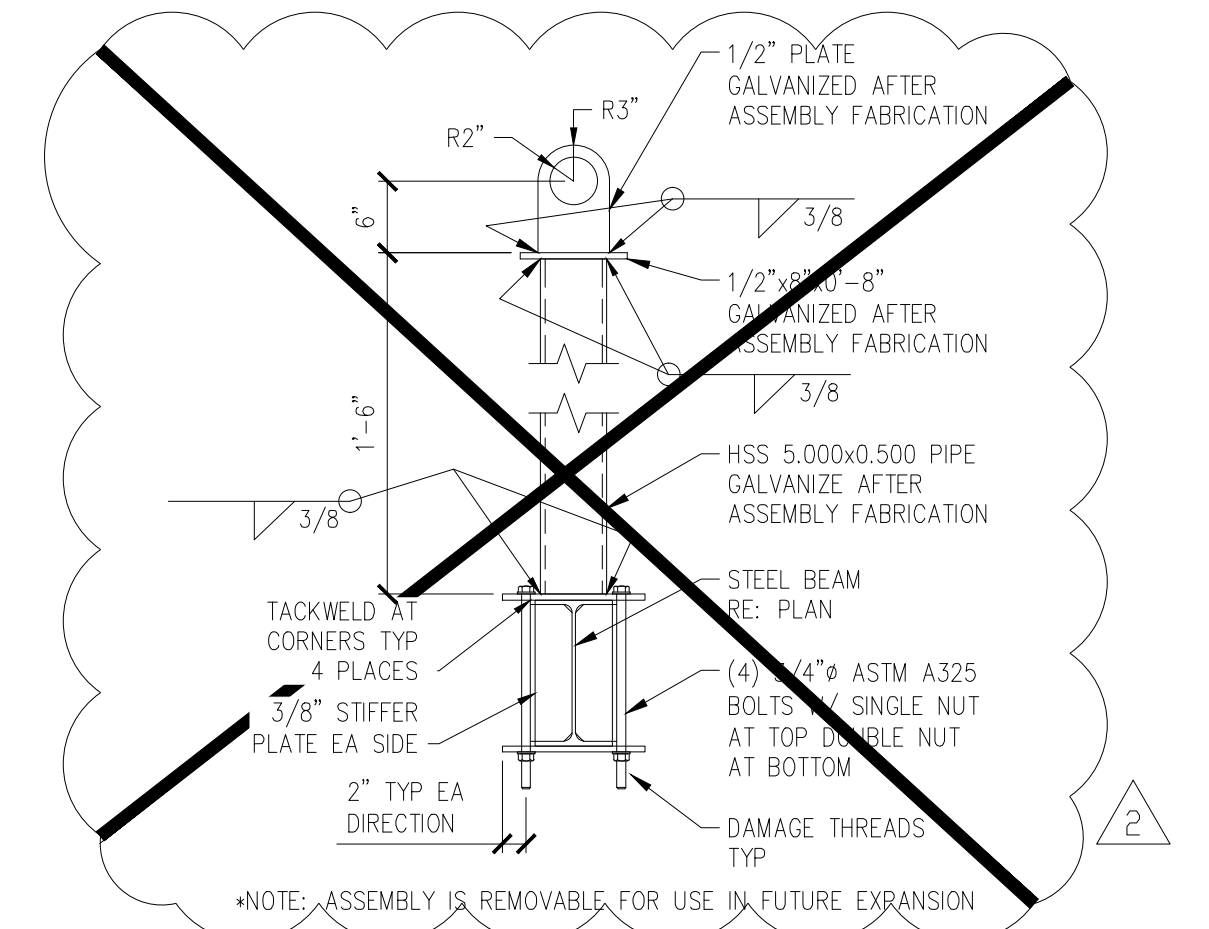
4 ELEVATION DETAIL
AT EXISTING GUSSET PLATE
SCALE 1 1/2" = 1' - 0"

REVISIONS		DATE	AS-BUILT DRAWINGS This document has been prepared based on As-Built information provided by others. Those relying on this document are advised to obtain independent verification of its accuracy before using it for any purpose.	CONSULTANTS: Jacobs Engineering JACOBS 10816 EXECUTIVE CENTER DRIVE, SUITE 300 LITTLE ROCK, ARKANSAS 72114-3833 PHONE (501) 223-0515 FAX (501) 223-2470 JACOBS PROJECT NO: F3W81800	ARCHITECT/ENGINEERS: Tompkins Architects, LLC  612 N.W. Kay Drive Lee's Summit, Missouri 64063 Phone: (816) 525-9833 Fax: (816) 524-9005 Email: jet@tom-arch.com  STUCK associates ARCHITECTS Phone: (501) 378-0059 www.stuckarch.com 1308 South Main Street Little Rock, Arkansas 72202	Drawing Title FOUNDATION DETAILS	Project Title Outpatient Mental Health Improvements Overton Brooks Veterans Administration Medical Center		Project Number 667-081	Office of Facility Management Project Status	
▲ "As-Built" DOCUMENT REVISIONS		10/08/12					Building Number Bldg. 1, South Wing		Drawing Number <div>1402A</div> Dwg. 62A of 123		
							Location Sheveport, Louisiana				
							Date 10/08/2012	Checked KJL	Drawn RPA		
							Approved: Project Director				

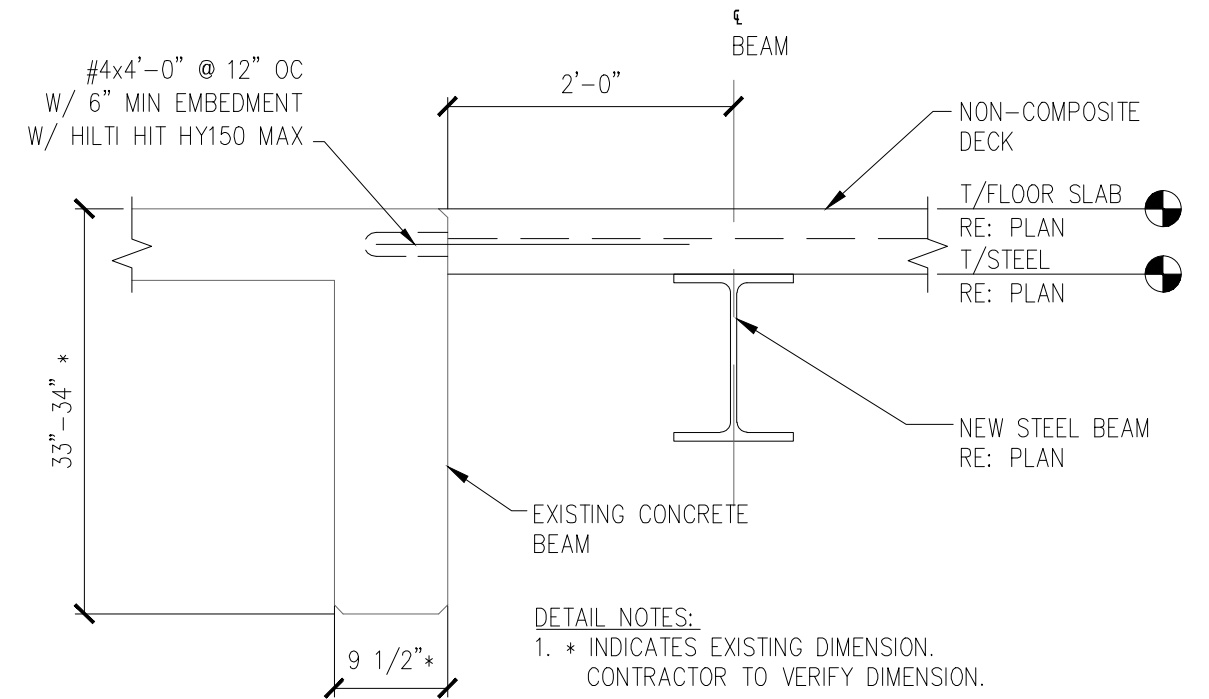
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01 January, 2000



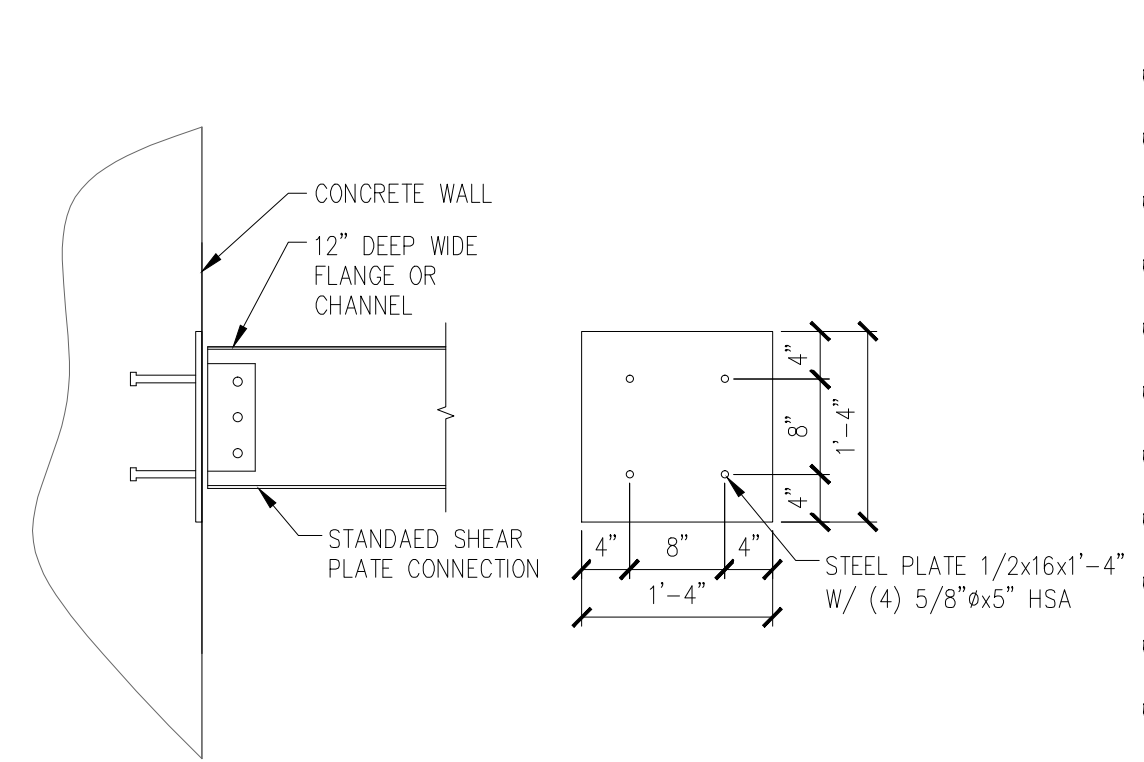
11 SECTION AT CURTAIN WALL
SCALE 3/4" = 1' - 0"



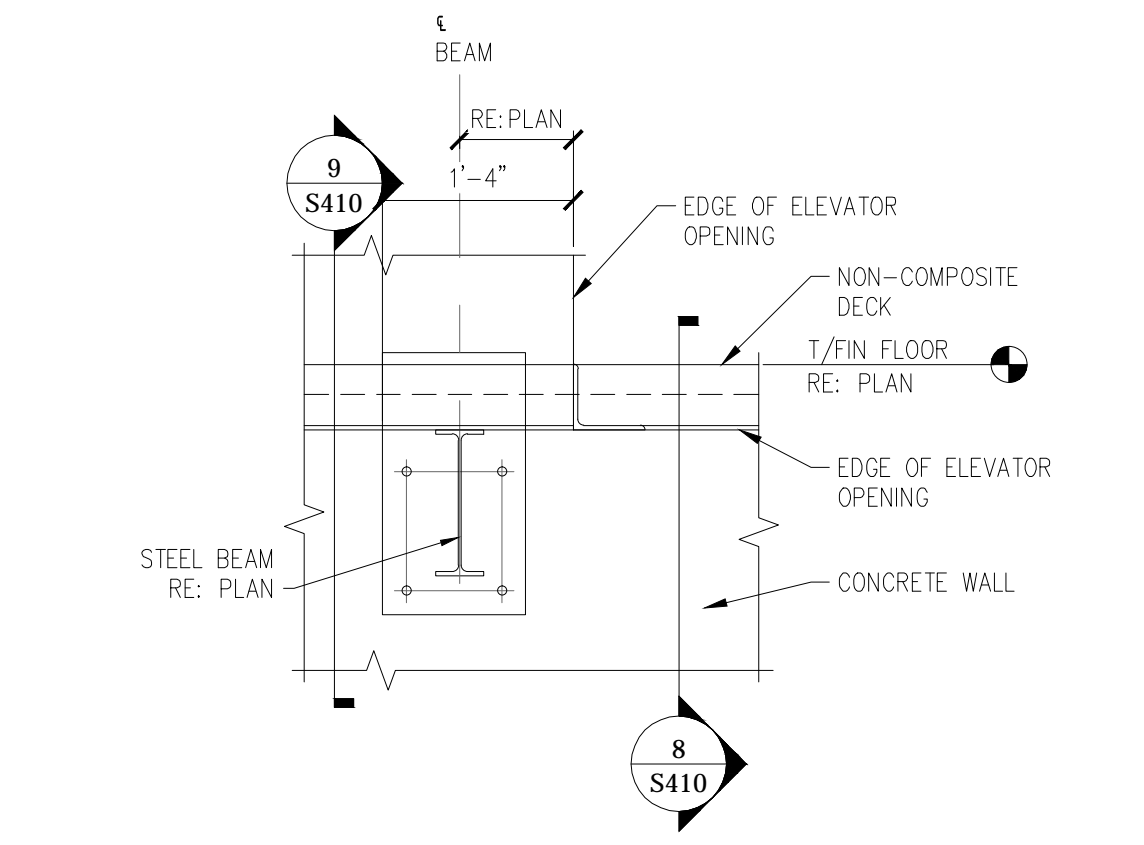
6 FALL PROTECTION DETAIL
SCALE 3/4" = 1' - 0"



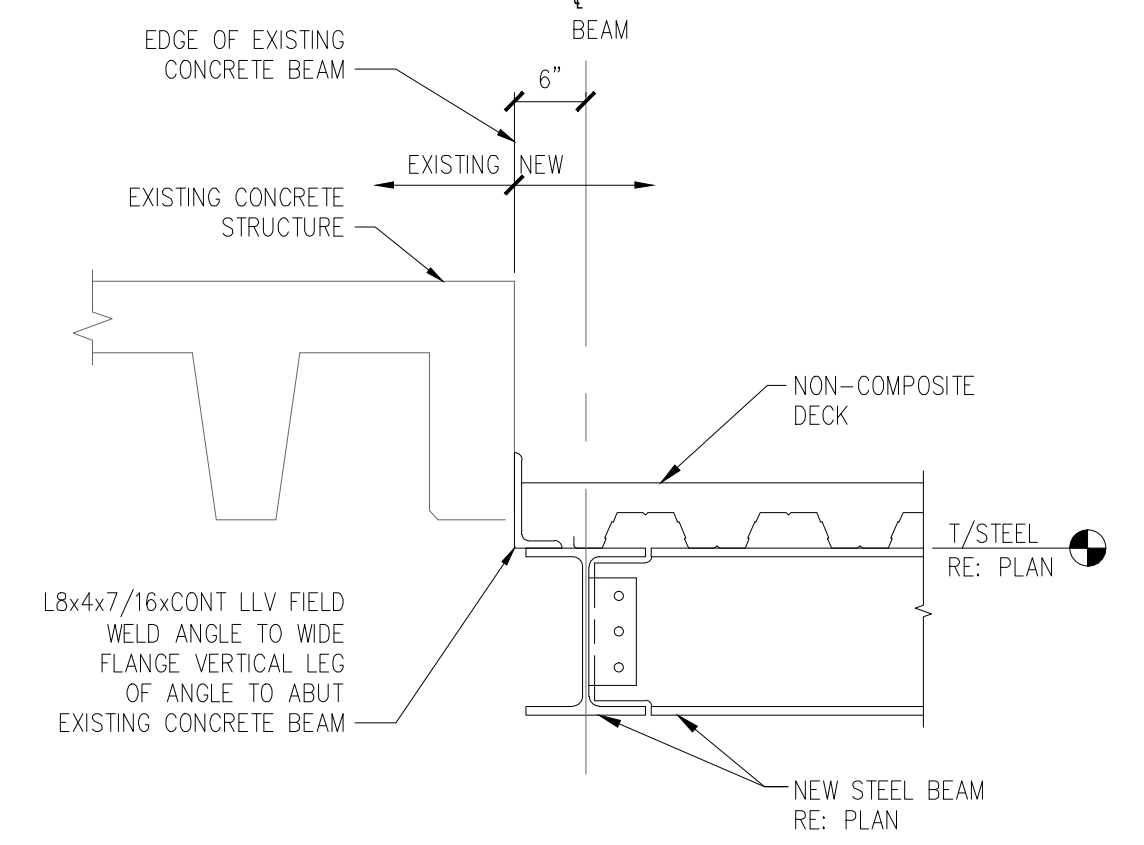
1 SECTION AT NEW ROOF TO EXISTING
SCALE 3/4" = 1' - 0"



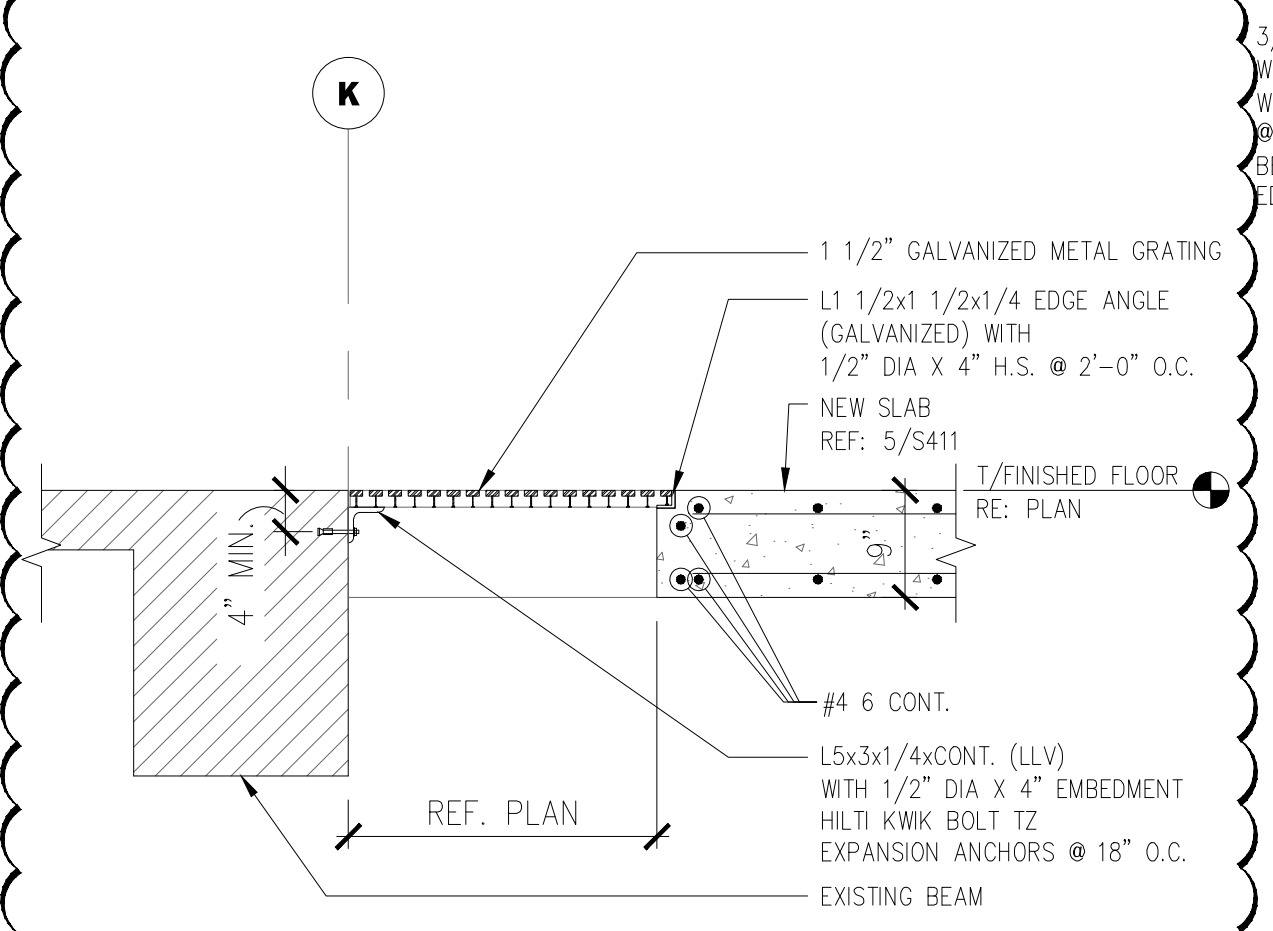
12 TYPICAL STEEL BEAM TO CONCRETE CONNECTION
SCALE 3/4" = 1' - 0"



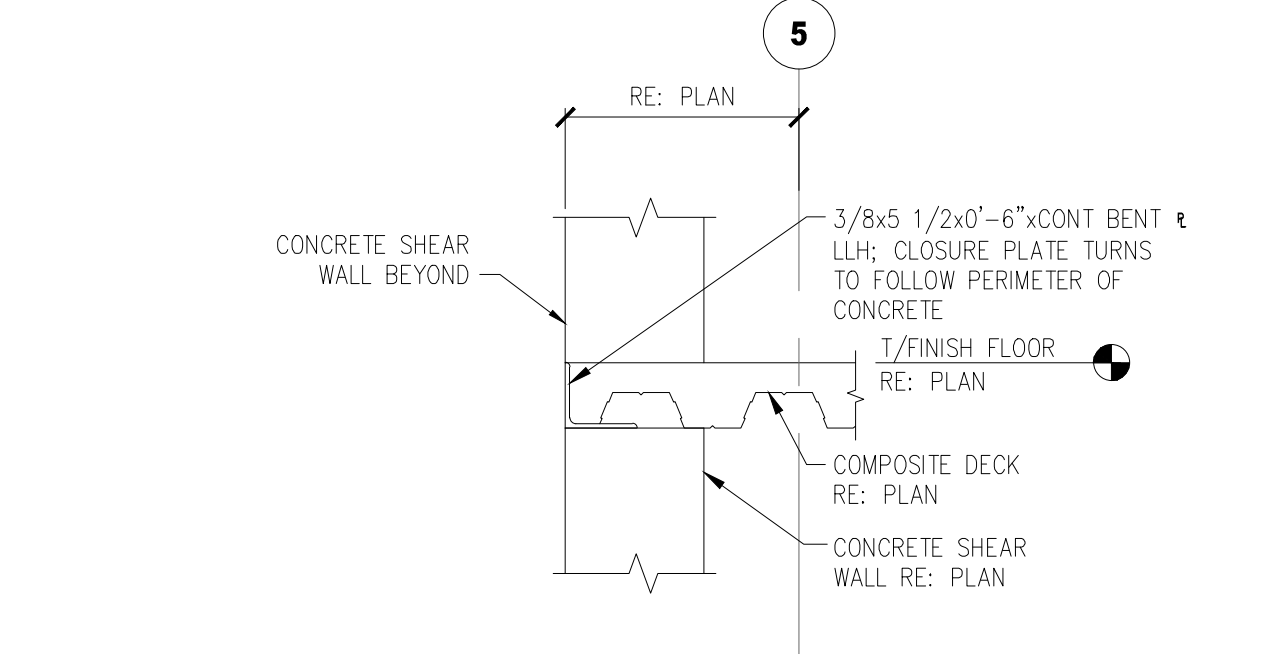
7 ELEVATION AT BEAM CONNECTION
SCALE 3/4" = 1' - 0"



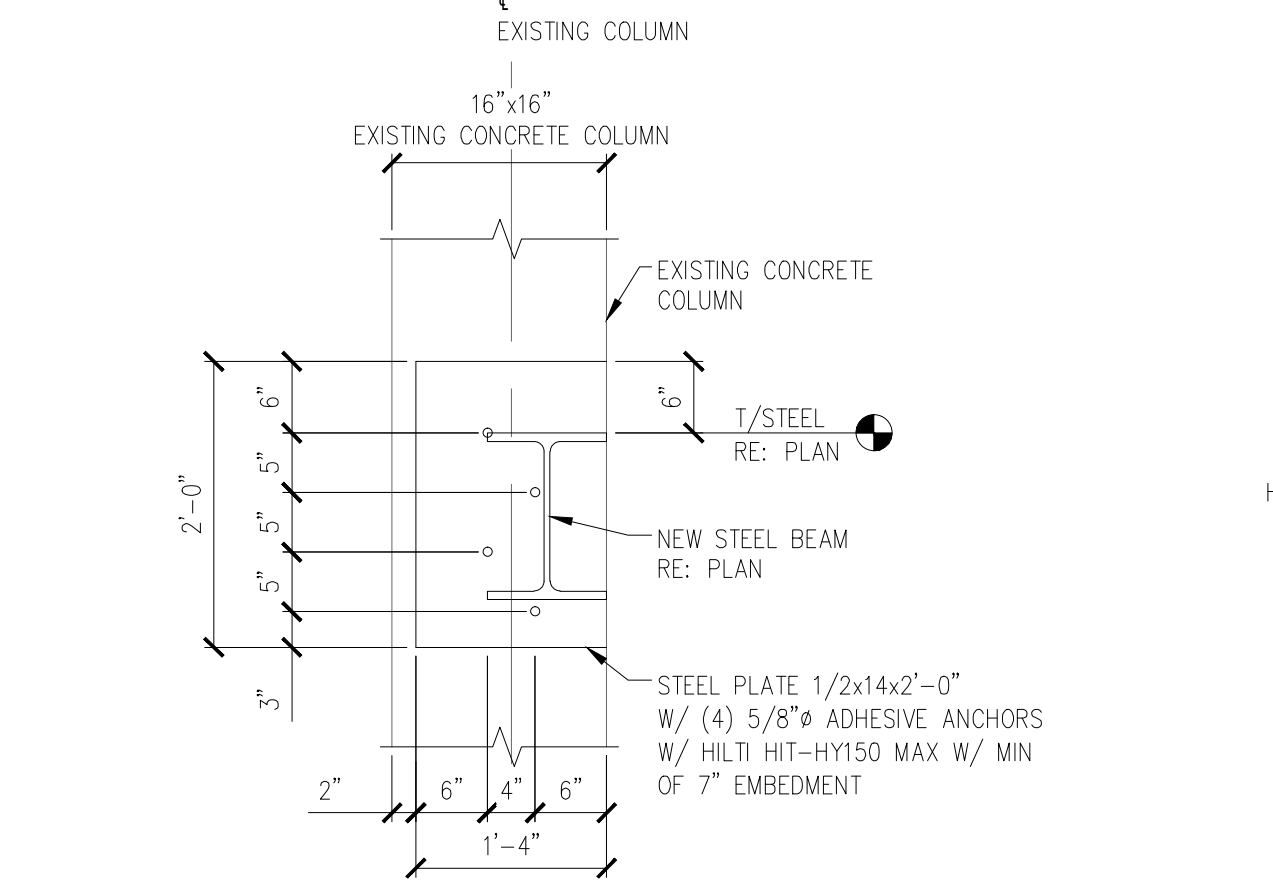
2 ROOF AGAINST EXISTING
SCALE 3/4" = 1' - 0"



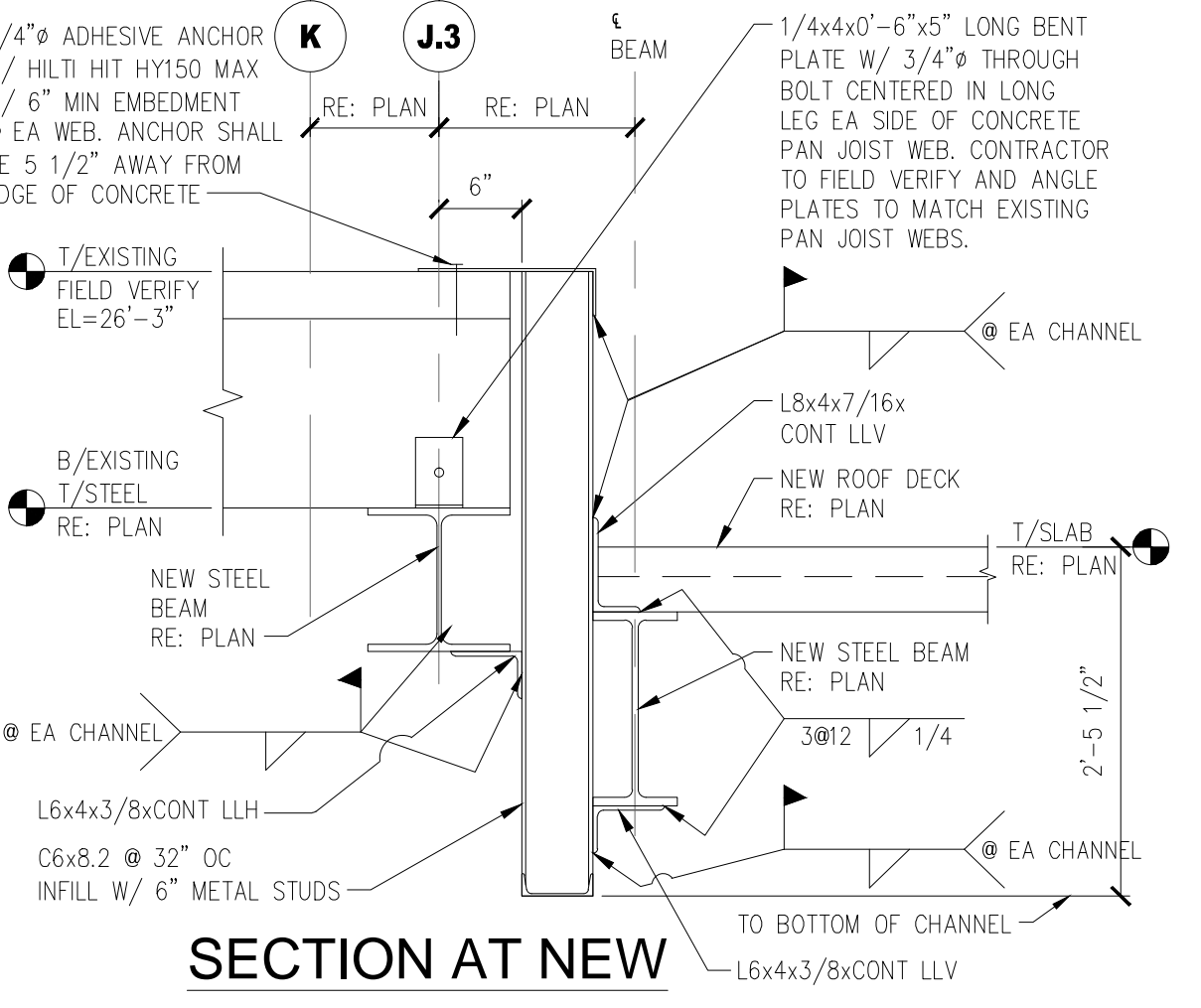
13 SECTION THRU PIPE CHASE
SCALE 3/4" = 1' - 0"



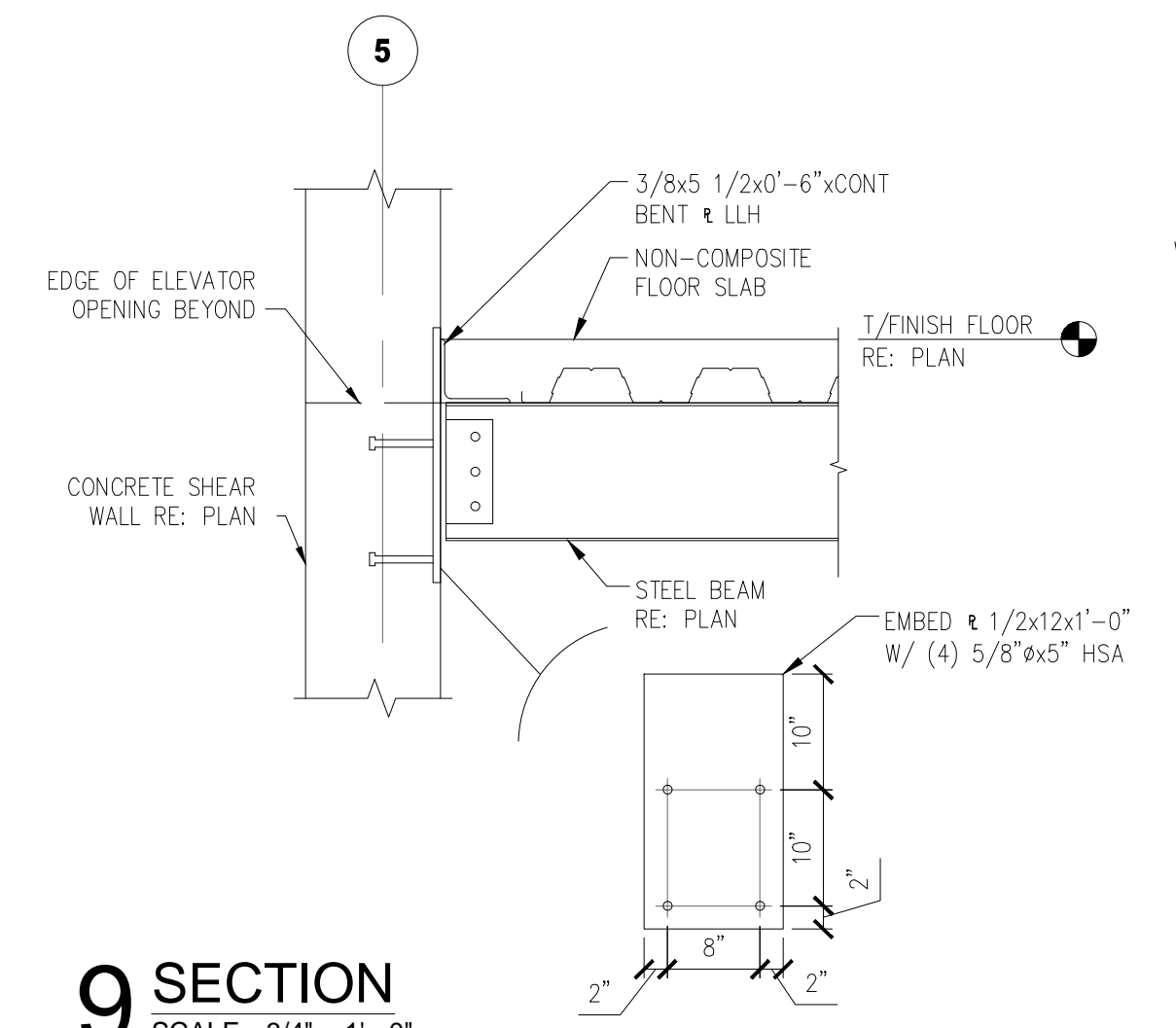
8 SECTION AT ELEVATOR OPENING
SCALE 3/4" = 1' - 0"



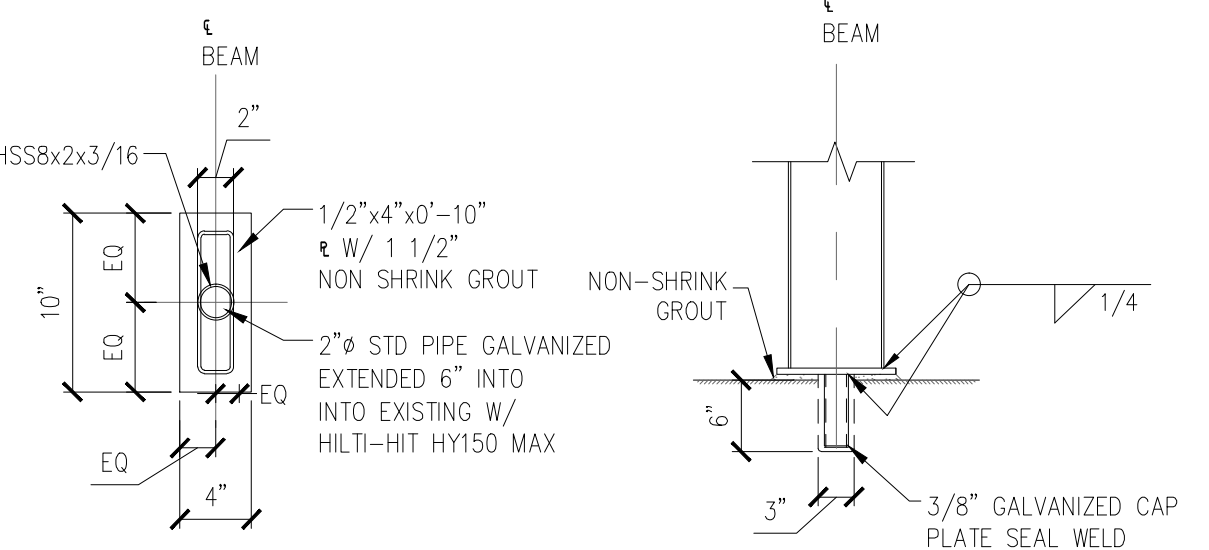
3 CONNECTION TO EXISTING CONCRETE COLUMN
SCALE 3/4" = 1' - 0"



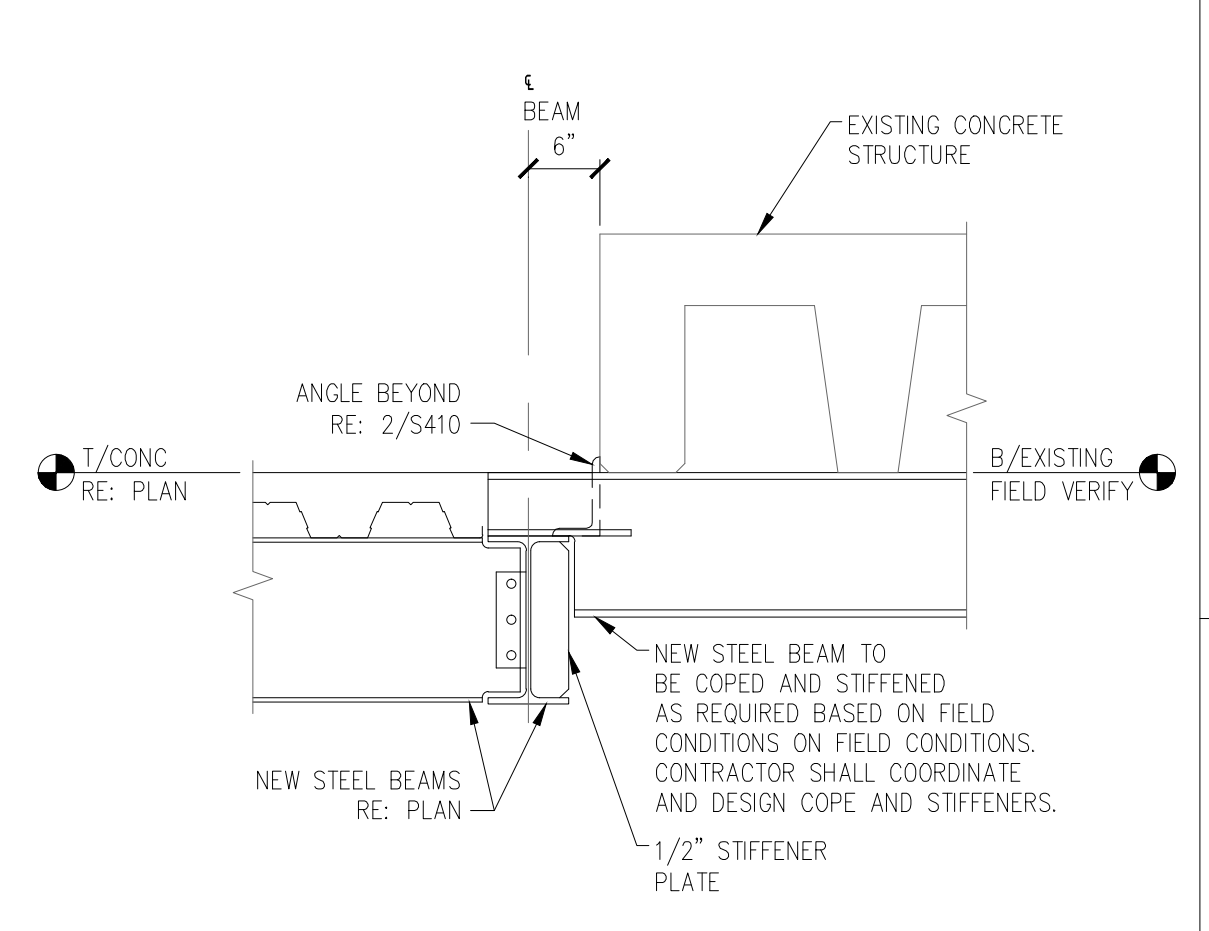
14 SECTION AT NEW ROOF AGAINST EXISTING
SCALE 3/4" = 1' - 0"



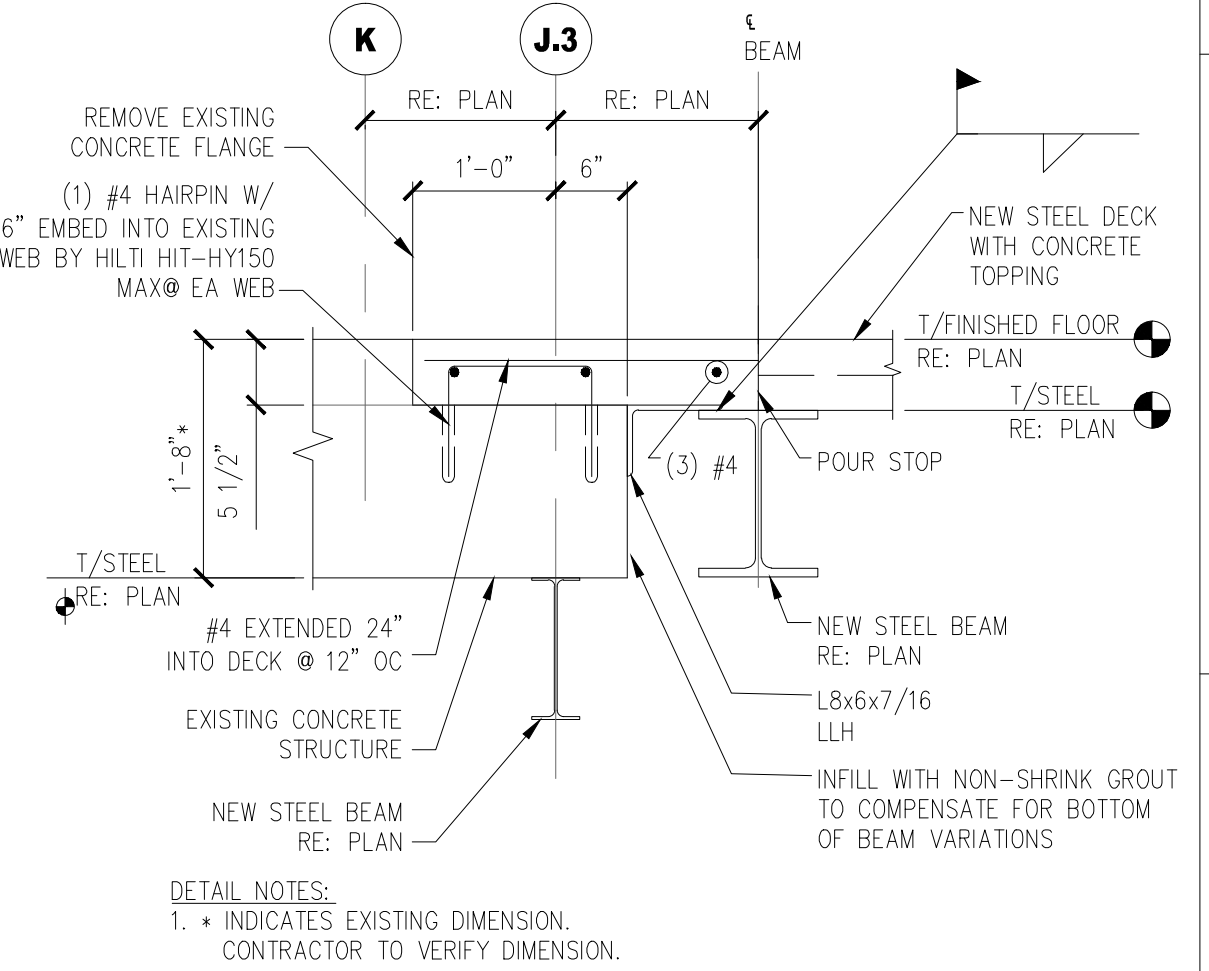
9 SECTION
SCALE 3/4" = 1' - 0"



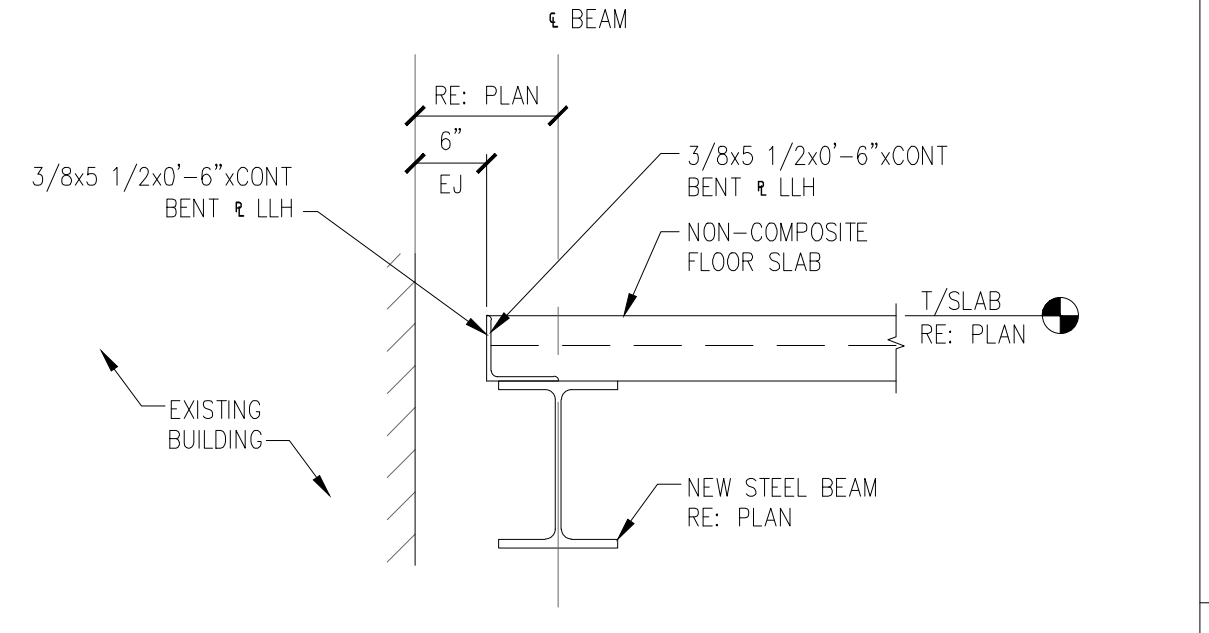
4 HANDRAIL ATTACHMENT
SCALE NTS



15 SECTION AT NEW ROOF AGAINST EXISTING
SCALE 3/4" = 1' - 0"



10 SECTION AT EXISTING
SCALE 3/4" = 1' - 0"



5 SECTION AT CMU WALL
SCALE 3/4" = 1' - 0"

REVISIONS		DATE
AMENDMENT 0006-07/27/09		12/01/09
AMENDMENT 0009-08/26/09		12/01/09
"As-BUILT" DOCUMENT REVISIONS		10/08/12

AS-BUILT DRAWINGS
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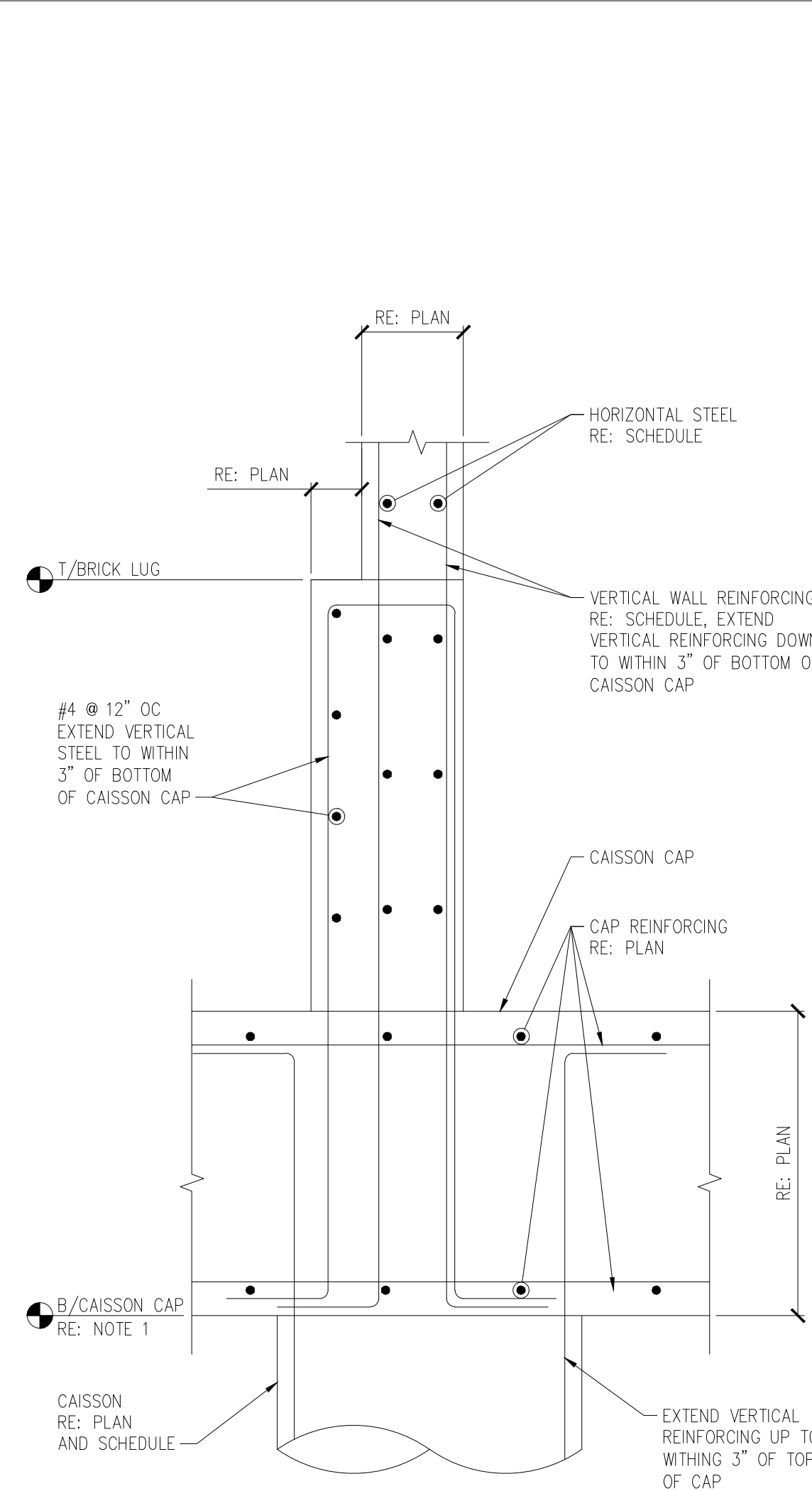
Drawing Title
FRAMING DETAILS
Approved: Project Director

Project Title
Outpatient Mental Health Improvements
Overton Brooks
Veterans Administration Medical Center
Location
Sheveport, Louisiana
Date
01/20/2010
Checked
KJL
Drawn
RPA
Project Number
667-081
Building Number
Bldg. 1, South Wing
Drawing Number
S410
Dwg. 63 of 123

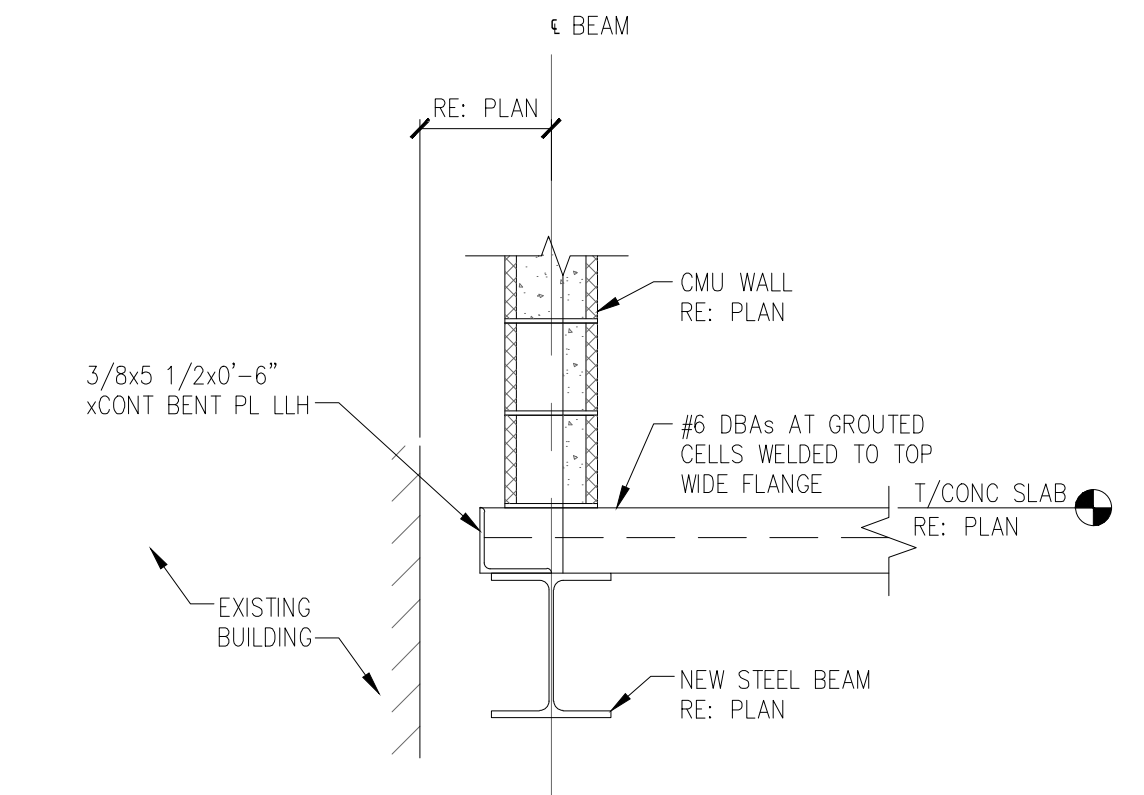
Office of
Facility
Management
Project Status

CONSTRUCTION SET - 01/20/2010

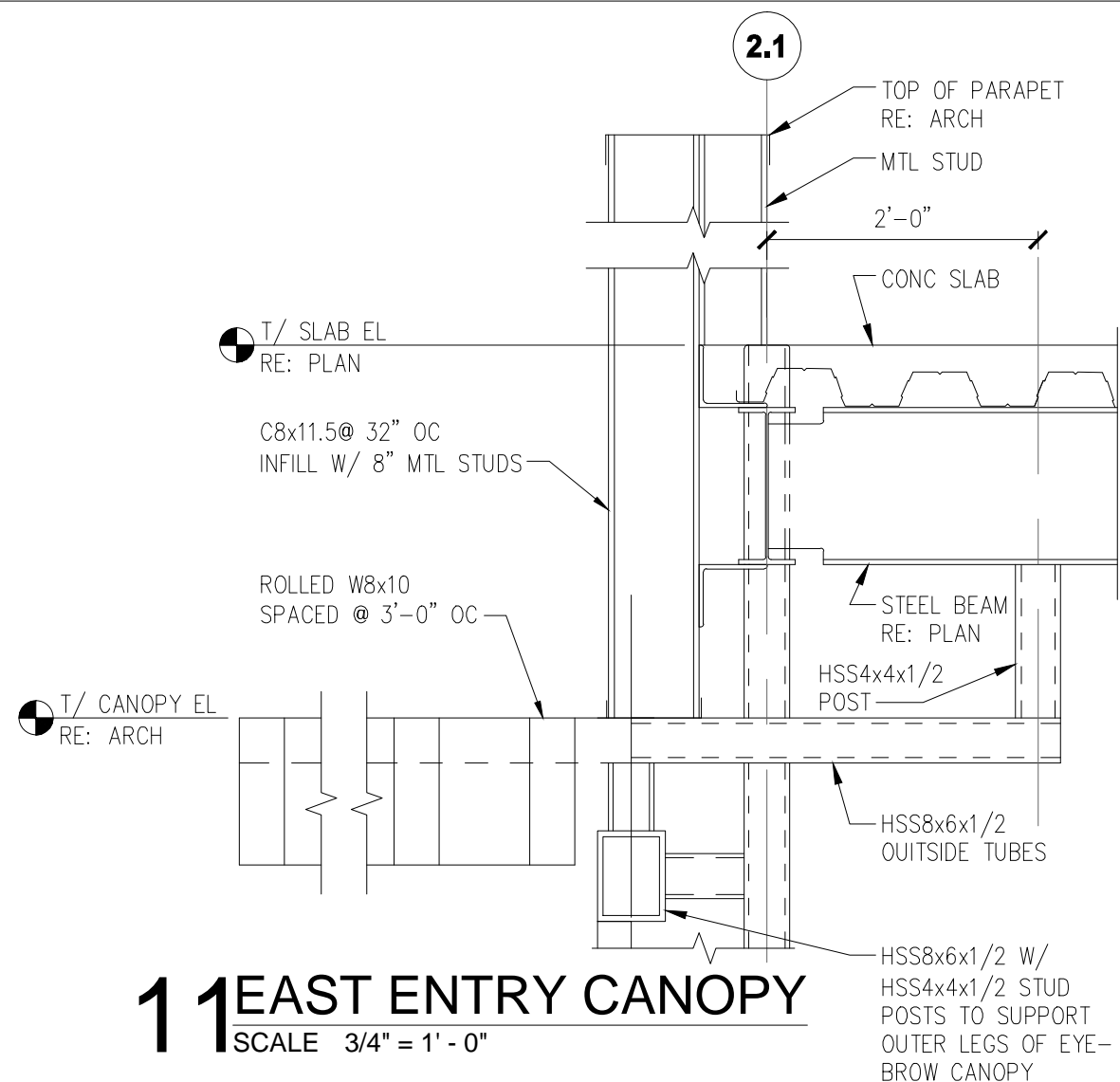
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D
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0
4
E
one quarter inch = one foot
0
4
F
one eighth inch = one foot
0
4
01 January, 2000



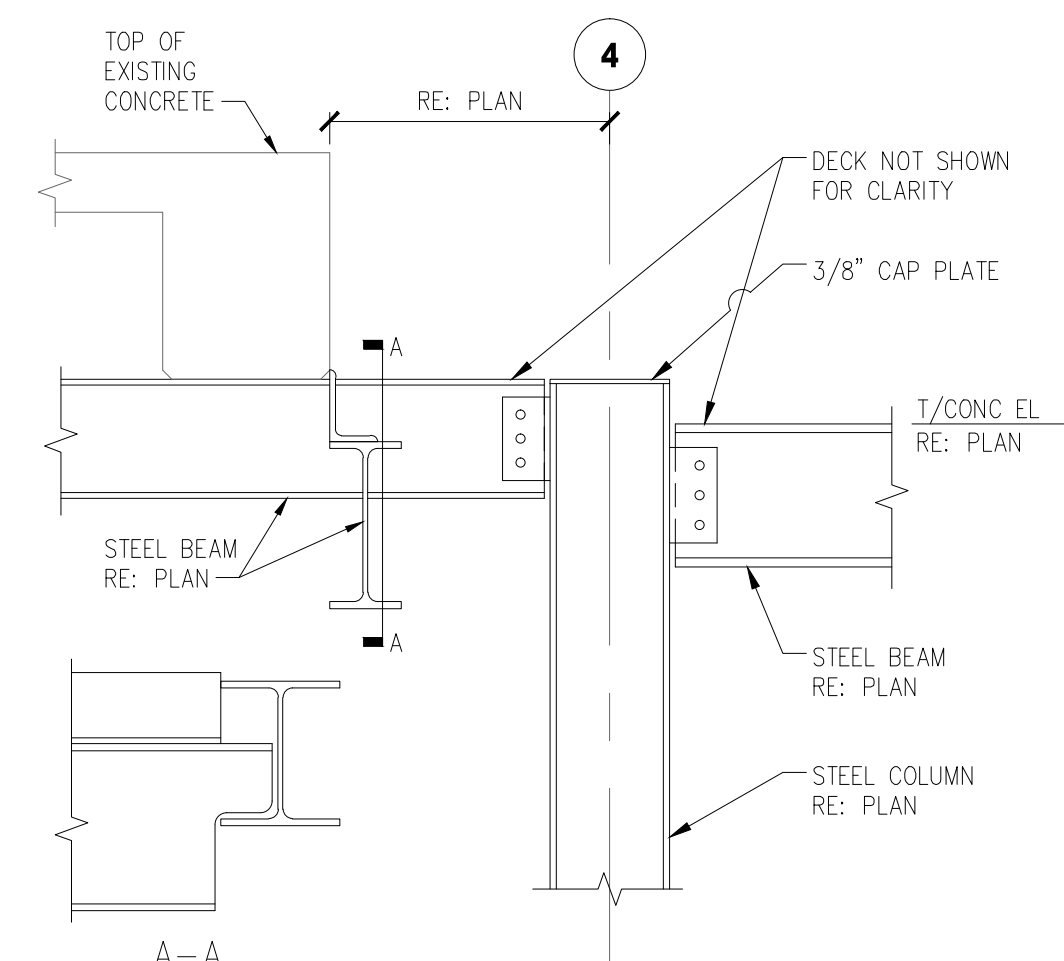
6 SECTION @ CAISSON CAP
SCALE 3/4" = 1' - 0"



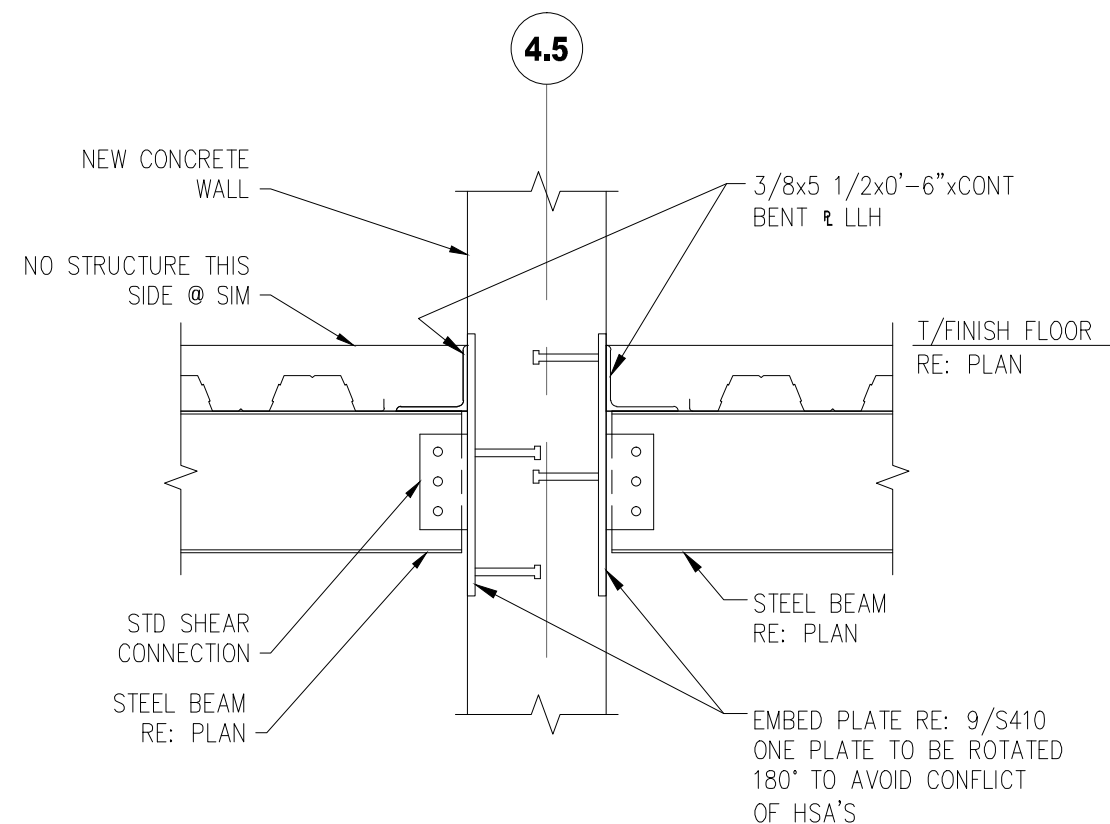
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SCALE 3/4" = 1' - 0"



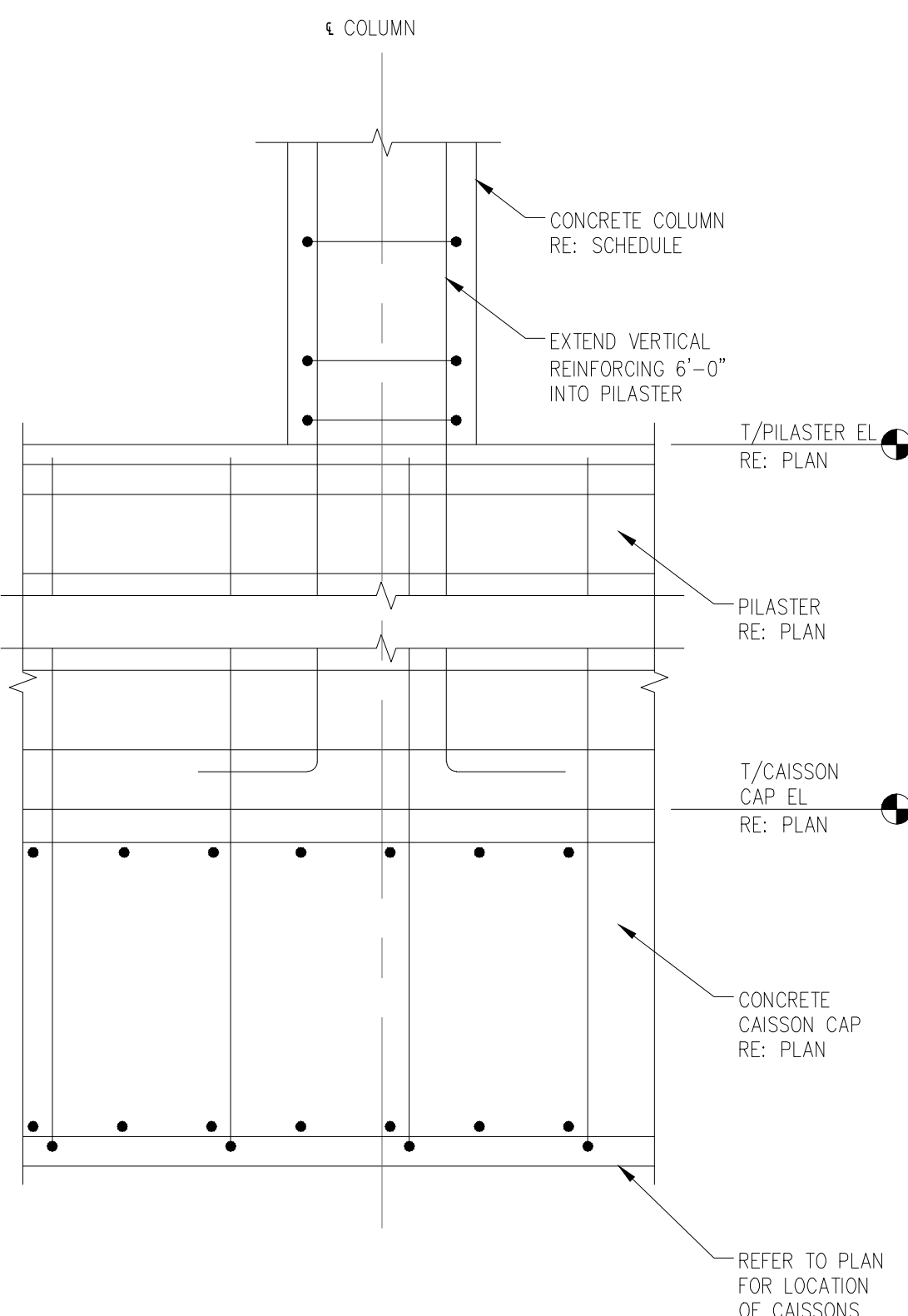
1 EAST ENTRY CANOPY
SCALE 3/4" = 1' - 0"



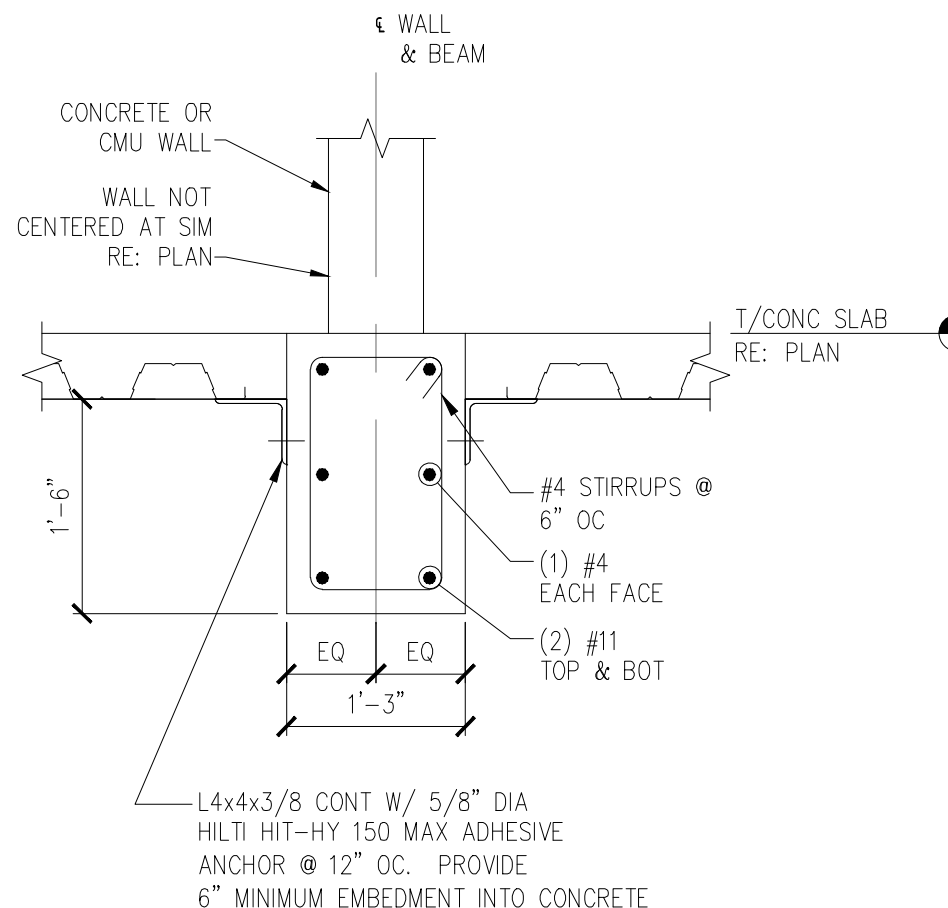
7 ROOF SECTION
SCALE 3/4" = 1' - 0"



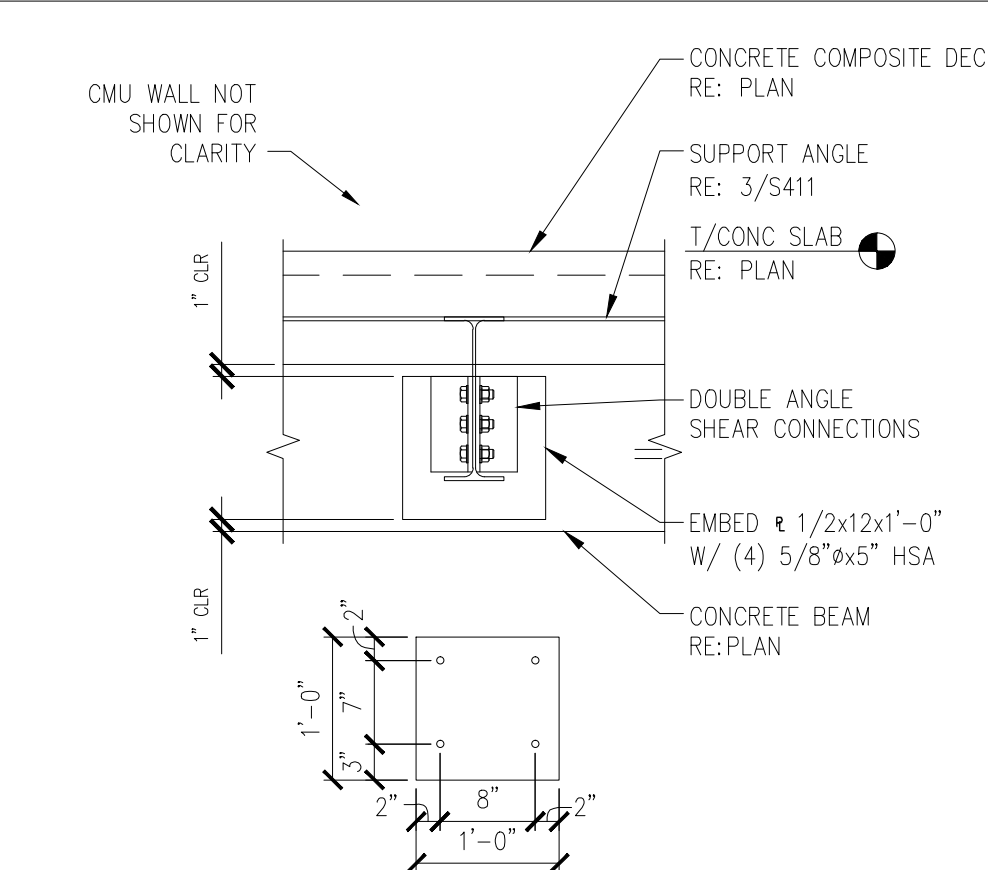
4.5 SECTION @ BEAM TO WALL CONNECTION
SCALE 3/4" = 1' - 0"



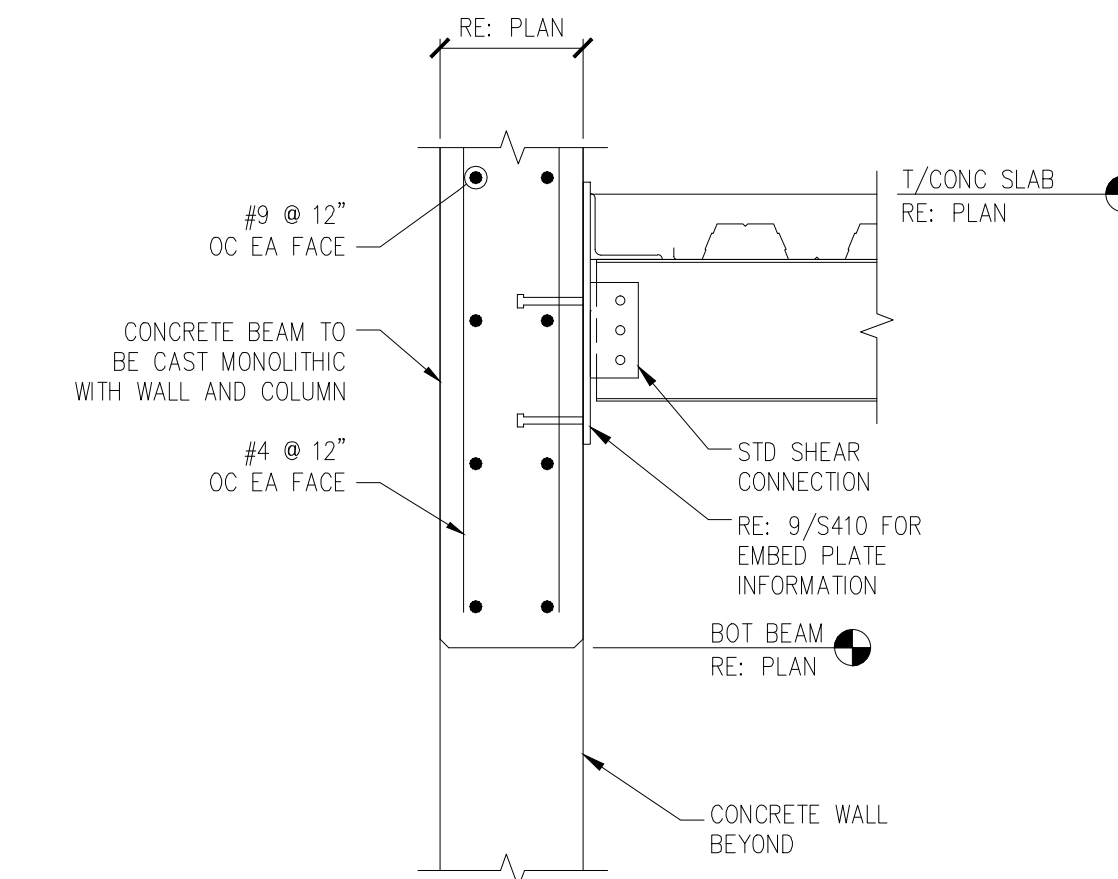
8 SECTION AT CONCRETE COLUMN
SCALE 3/4" = 1' - 0"



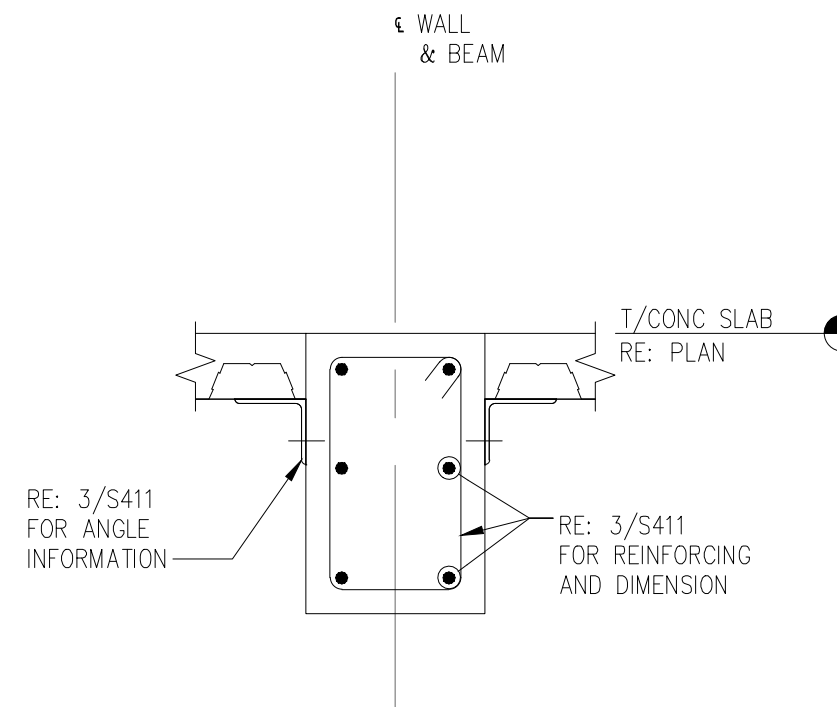
3 SECTION AT CONCRETE BEAM
SCALE 3/4" = 1' - 0"



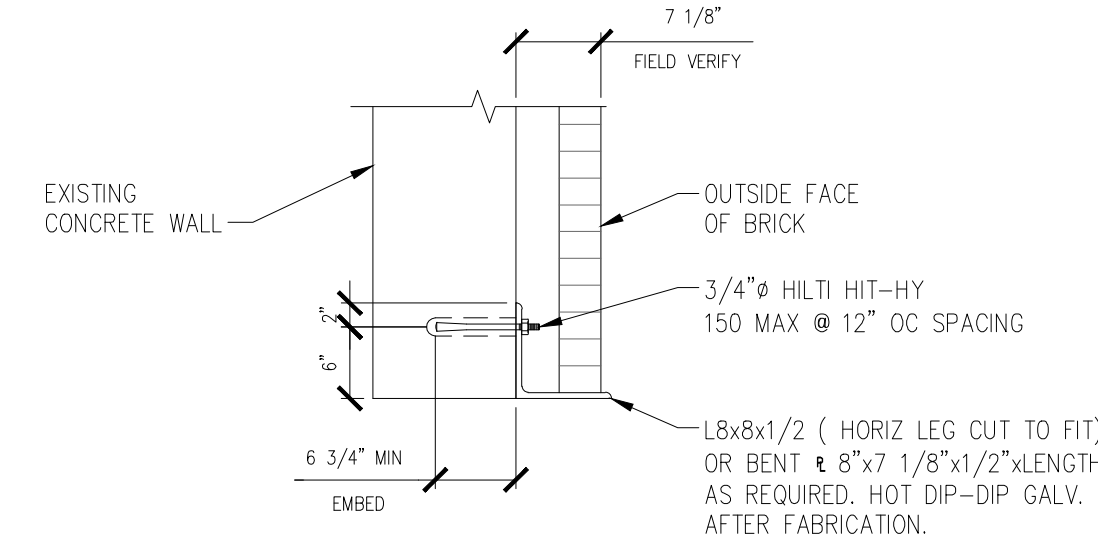
12 BEAM CONNECTION
SCALE 3/4" = 1' - 0"



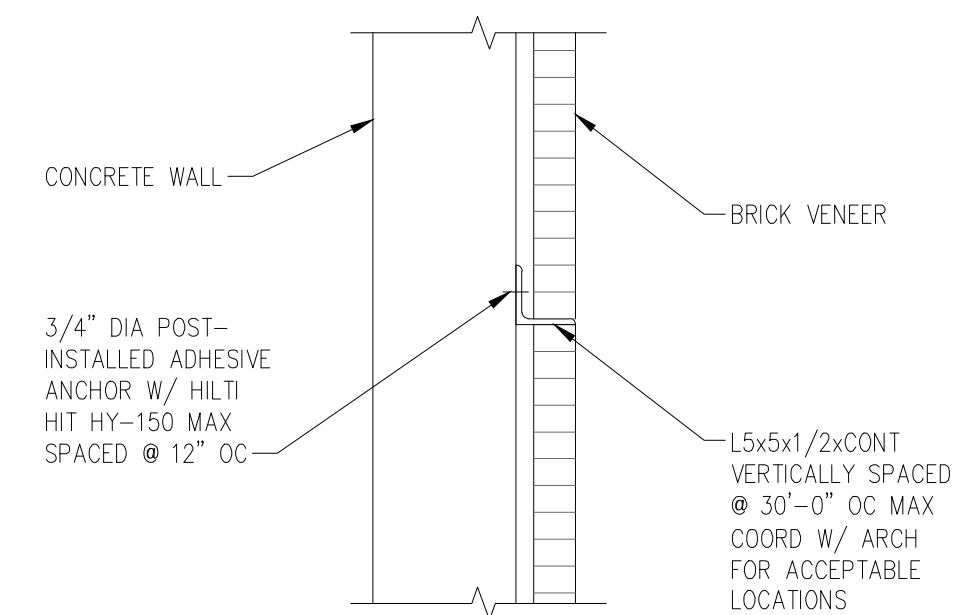
9 SECTION AT BEAM OVER VESTIBULE
SCALE 3/4" = 1' - 0"



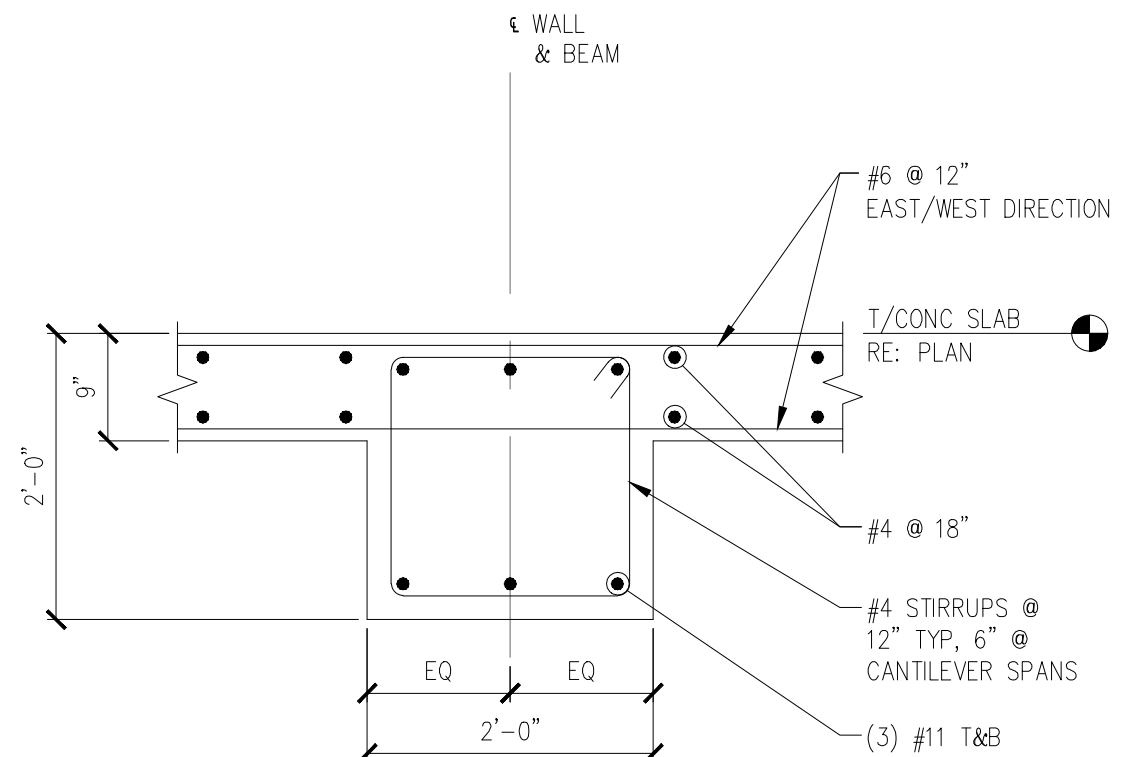
4 SECTION AT CONCRETE BEAM
SCALE 3/4" = 1' - 0"



11 RFI-43 REVISED SKETCH
SCALE NTS



10 TYPICAL BRICK LINTEL
SCALE 3/4" = 1' - 0"



5 SECTION THROUGH CONCRETE GIRDER
SCALE 3/4" = 1' - 0"

REVISIONS	DATE
1 "As-BUILT" DOCUMENT REVISIONS	10/08/12

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Drawing Title	FRAMING DETAILS
Approved: Project Director	

Project Title	Outpatient Mental Health Improvements Overton Brooks Veterans Administration Medical Center	Project Number	667-081	Office of Facility Management Project Status
Location	Shreveport, Louisiana	Building Number	Bldg. 1, South Wing	
Date	01/20/2010	Drawn	RPA	
Checked	KJL	Dwg.	64 of 123	

A

B

C

D

E

F

A

B

C

D

E

CONSTRUCTION SET 01/20/2010

STEEL COLUMN SCHEDULE

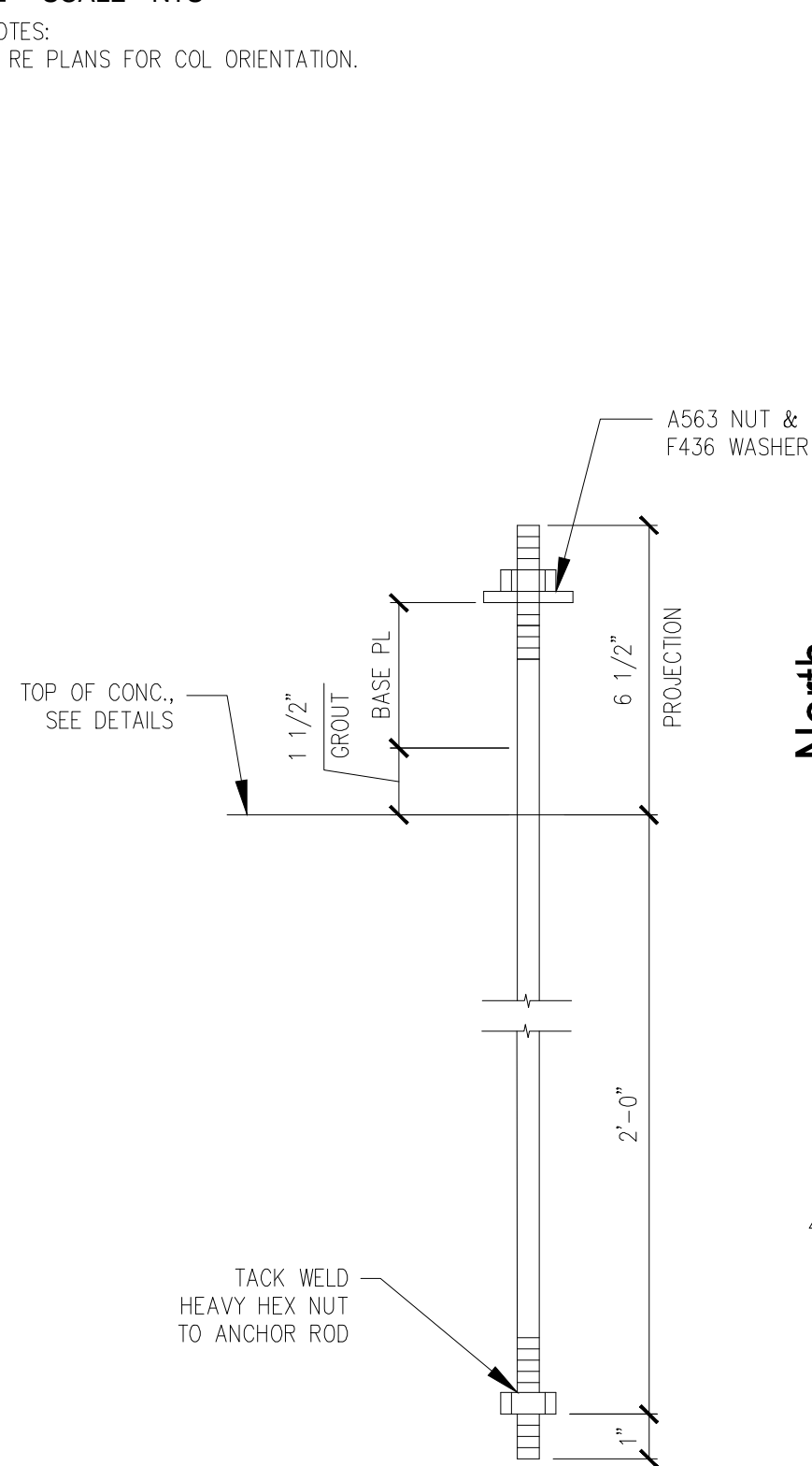
COLUMN MARK	B-2-1, B-4-9, B-2-2, B-2-5	B-3, B-4, H-3, H-4	J-3-3, J-3, J-3-4-5, J-4-5, J-4	C-2, C-5, G-2, G-5	D-2, D-5, E-2, E-5, F-2, F-5	C-3, C-4, F-3, F-4, G-3, G-4, H-2, H-5	D-3, D-4, E-3, E-4	J-3-2-1, J-2-1	J-3-4			
LEVEL												
SECOND FLOOR/ROOF		27'-4"	27'-4"	24'-0"	27'-4"	27'-4"	27'-4"		27'-4"			
FIRST FLOOR												
BASEMENT	HSS 4X4X1/2	W12X53	W10X45	W14X61	W14X74	W10X49	W10X68	HSS4x4x1/2	W10X45			
ANCHOR RODS	4-3/4" DIA. F1554 (Gr 36)	8-1 1/8" DIA. F1554 (Gr 105)	4-3/4" DIA. F1554 (Gr 36)	4-1" DIA. F1554 (Gr 105)	4-1" DIA. F1554 (Gr 105)	4-3/4" DIA. F1554 (Gr 36)	4-3/4" DIA. F1554 (Gr 36)	4-3/4" DIA F1554 (Gr 36)	4-3/4" DIA F1554 (Gr 36)	—	—	—
BASE PLATE DETAIL	2D/S601	2B/S601	2E/S601	2C/S601	2C/S601	2A/S601	2A/S601	2D/S601	2E/S601	—	—	—

1 STEEL COLUMN SCHEDULE

SCALE NTS

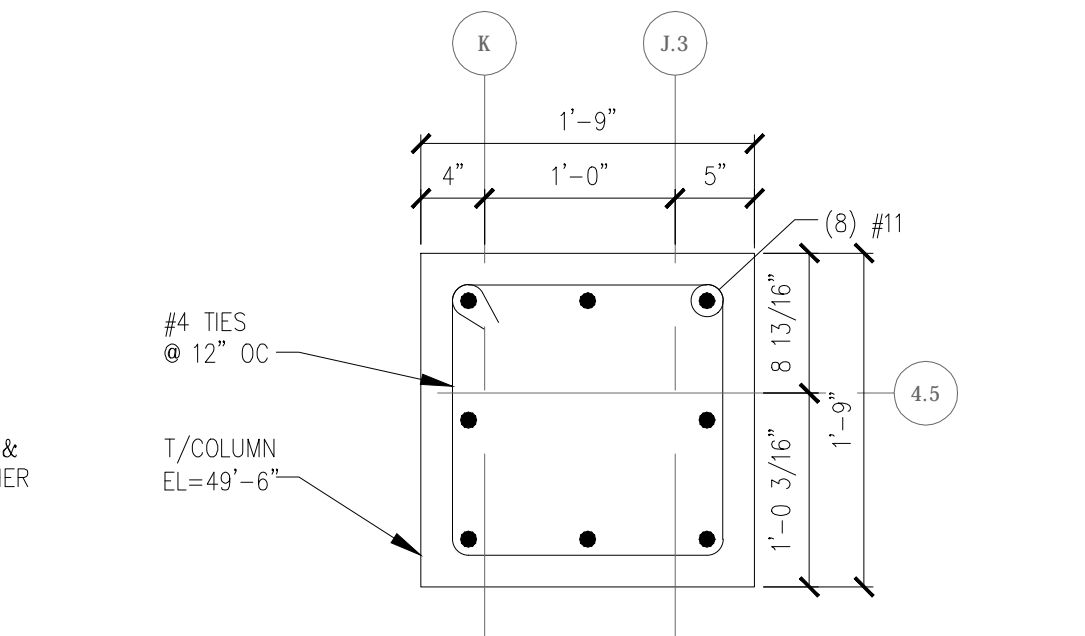
NOTES:
1. RE PLANS FOR COL ORIENTATION.

* — INDICATES CONTRACTOR TO FIELD VERIFY AND COORDINATE
TOP OF COLUMN ELEVATION WITH TOP OF BEAM SUPPORTING
EXISTING STRUCTURE ELEVATION.



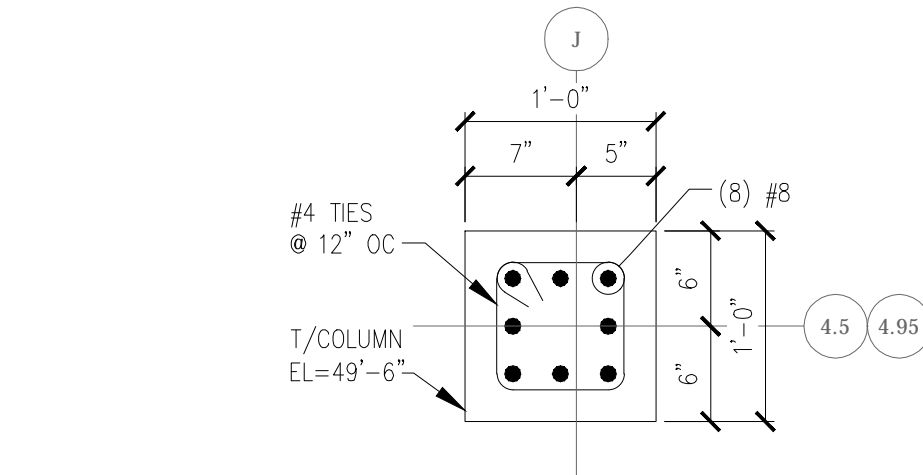
3 TYP. ANCHOR ROD

SCALE 3" = 1'-0"



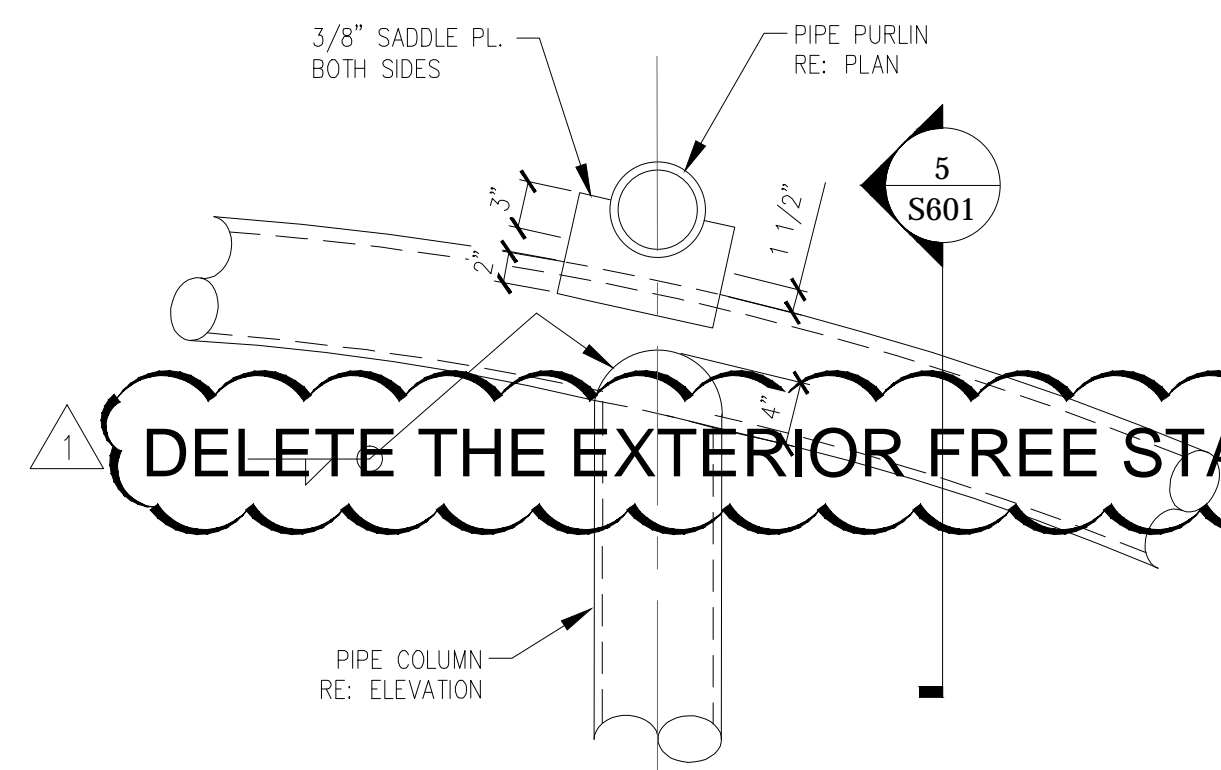
4 TYP. CONNECTION DETAIL

SCALE 1" = 1'-0"



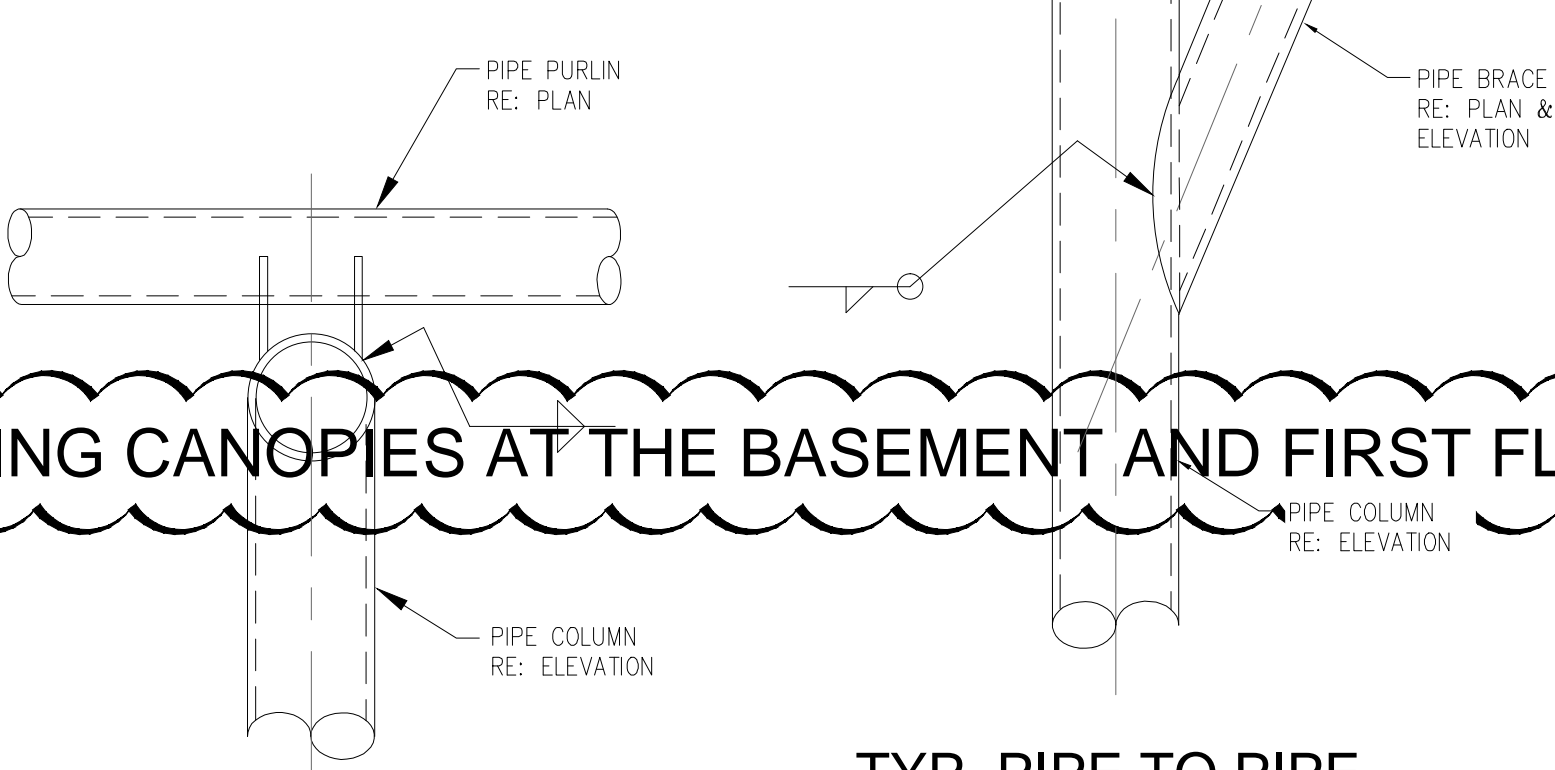
5 SECTION

SCALE 1" = 1'-0"



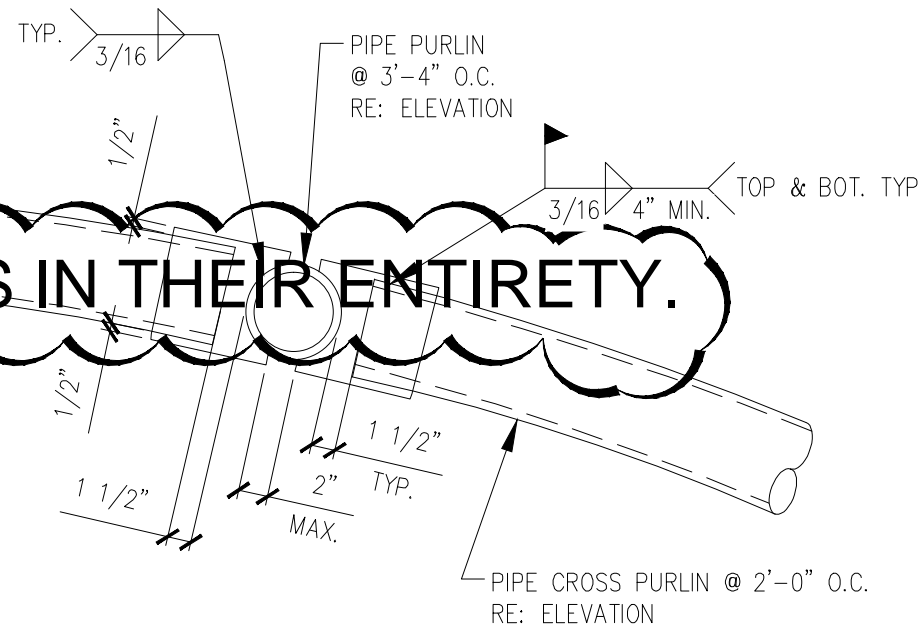
6 TYP. PIPE TO PIPE CONNECTION DETAIL

SCALE 1" = 1'-0"



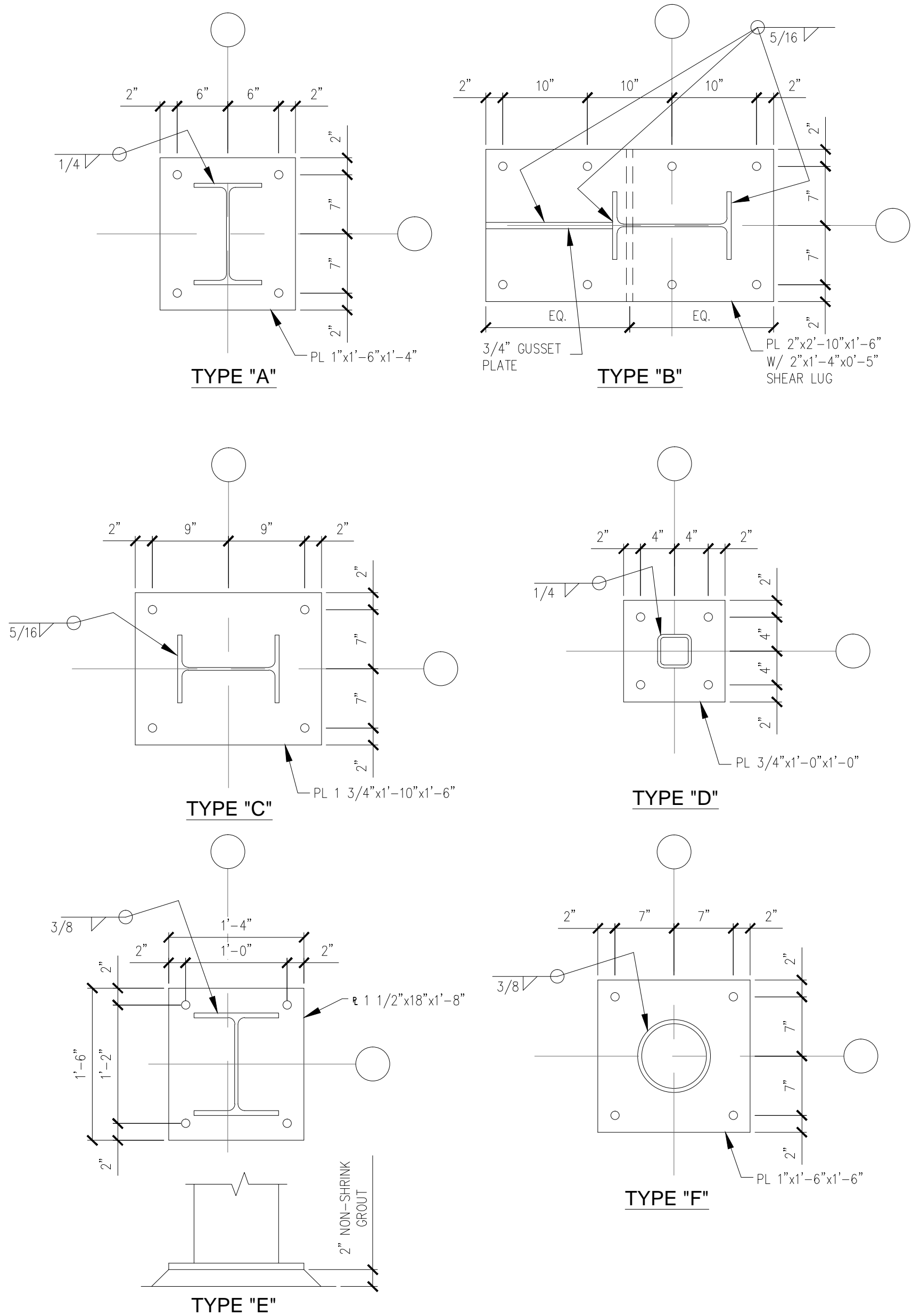
7 TYP. PURLIN TO PURLIN CONNECTION DETAIL

SCALE 1" = 1'-0"



2 BASE PLATES DETAILS

SCALE 1" = 1'-0"



REVISIONS	DATE
AMENDMENT 0009, CLIN 0007 - 08/26/09	12/01/09
"As-BUILT" DOCUMENT REVISIONS	10/08/12

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JACOBS PROJECT NO: F3W81800

ARCHITECT/ENGINEERS:

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Drawing Title

COLUMN SCHEDULE
& FRAMING DETAILS

Approved: Project Director

Project Title

Outpatient Mental Health Improvements
Overton Brooks
Veterans Administration Medical Center

Location

Shreveport, Louisiana

Date

01/20/2010

Checked

KJL

Drawn

RPA

Project Number

667-081

Building Number

Bldg. 1, South Wing

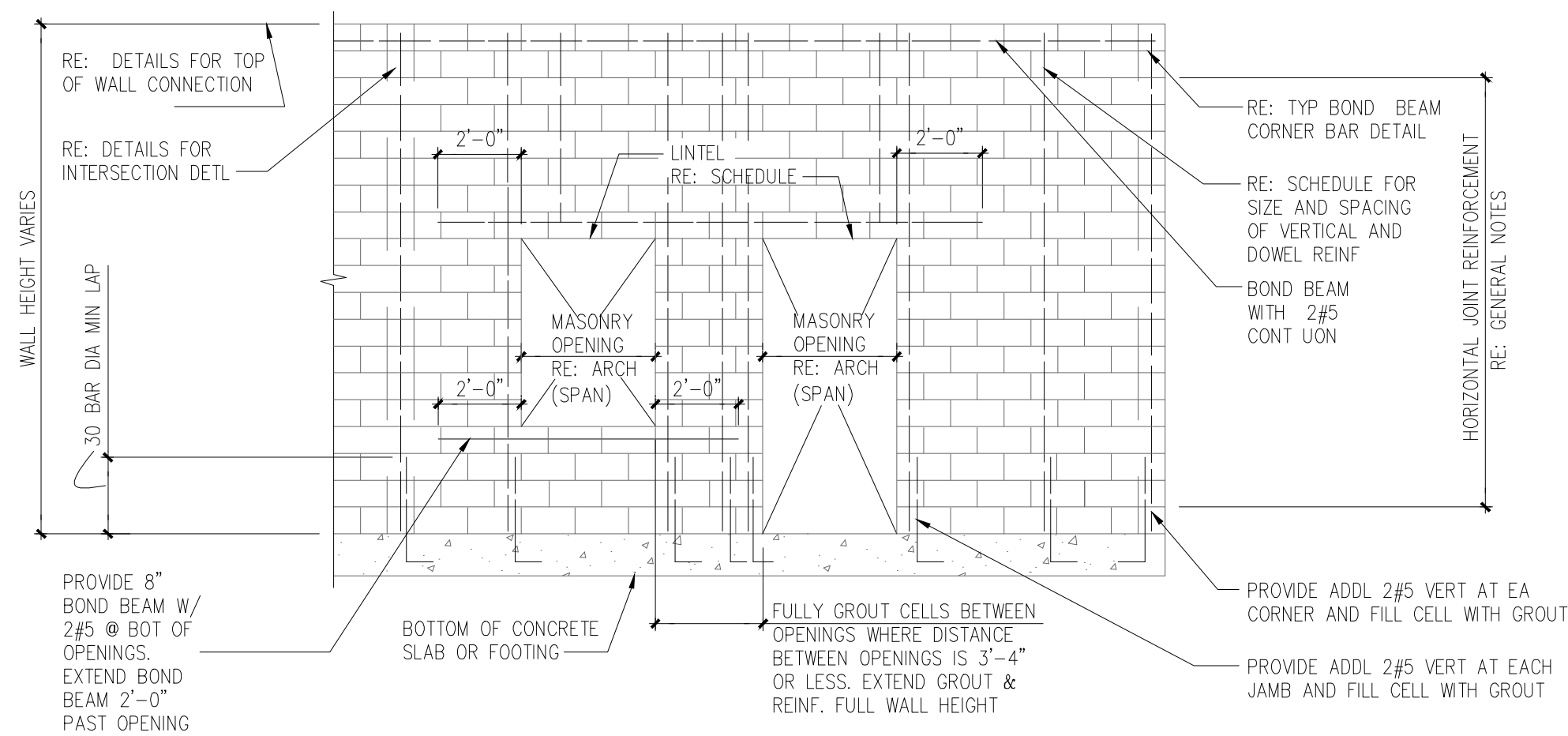
Drawing Number

S601

Dwg. 65 of 123

Office of
Facility
Management

Project Status

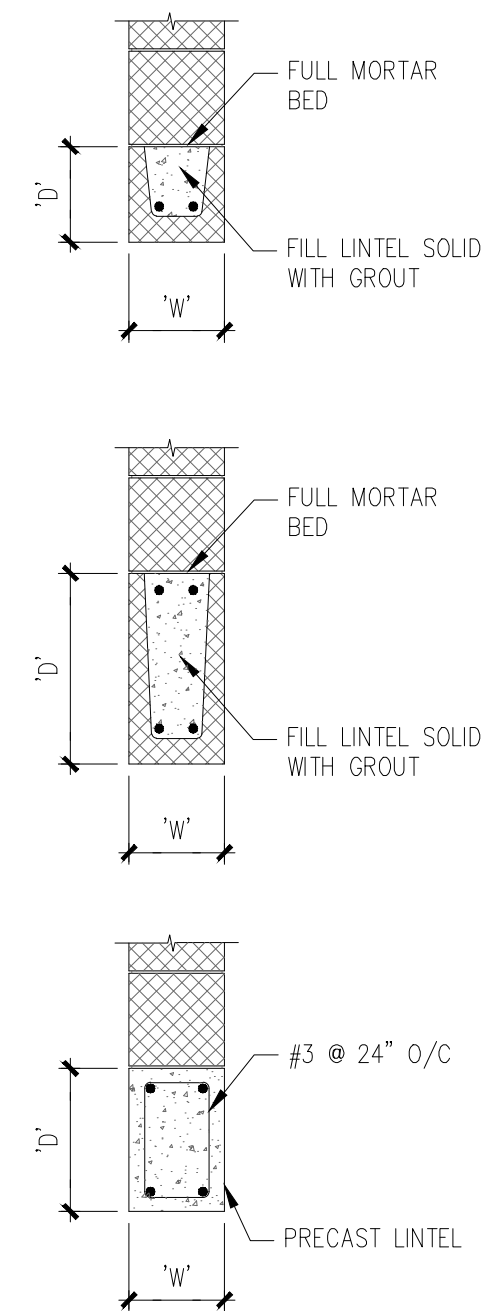


1 TYP. CMU WALL ELEVATION

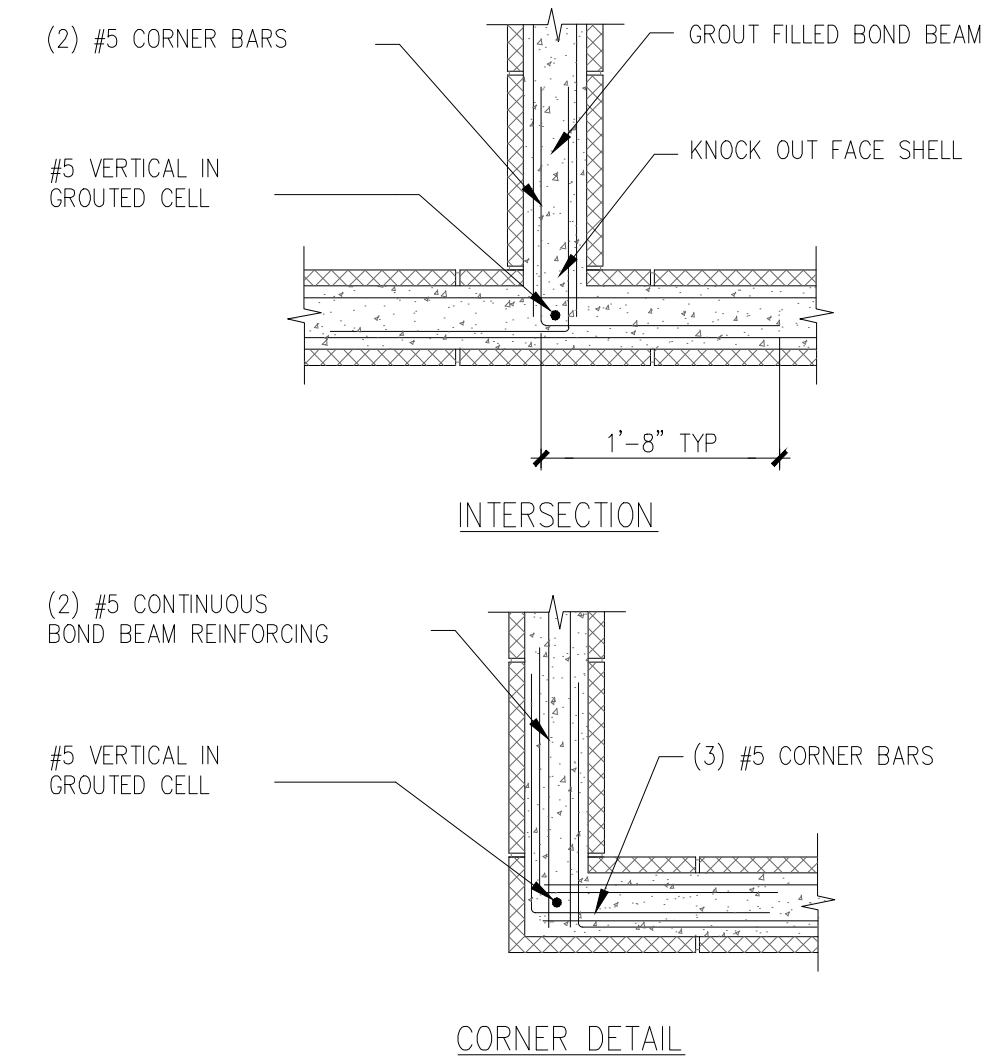
LINTEL SCHEDULE		
SIZE: W x D	MAXIMUM SPAN	REINFORCEMENT
8" x 8"	4'-6"	(2) #4 CONTINUOUS
12" x 8"	6'-4"	(2) #5 CONTINUOUS
8" x 16"	10'-0"	(4) #5 CONTINUOUS
12" x 16"	12'-0"	(4) #6 CONTINUOUS

NOTES:

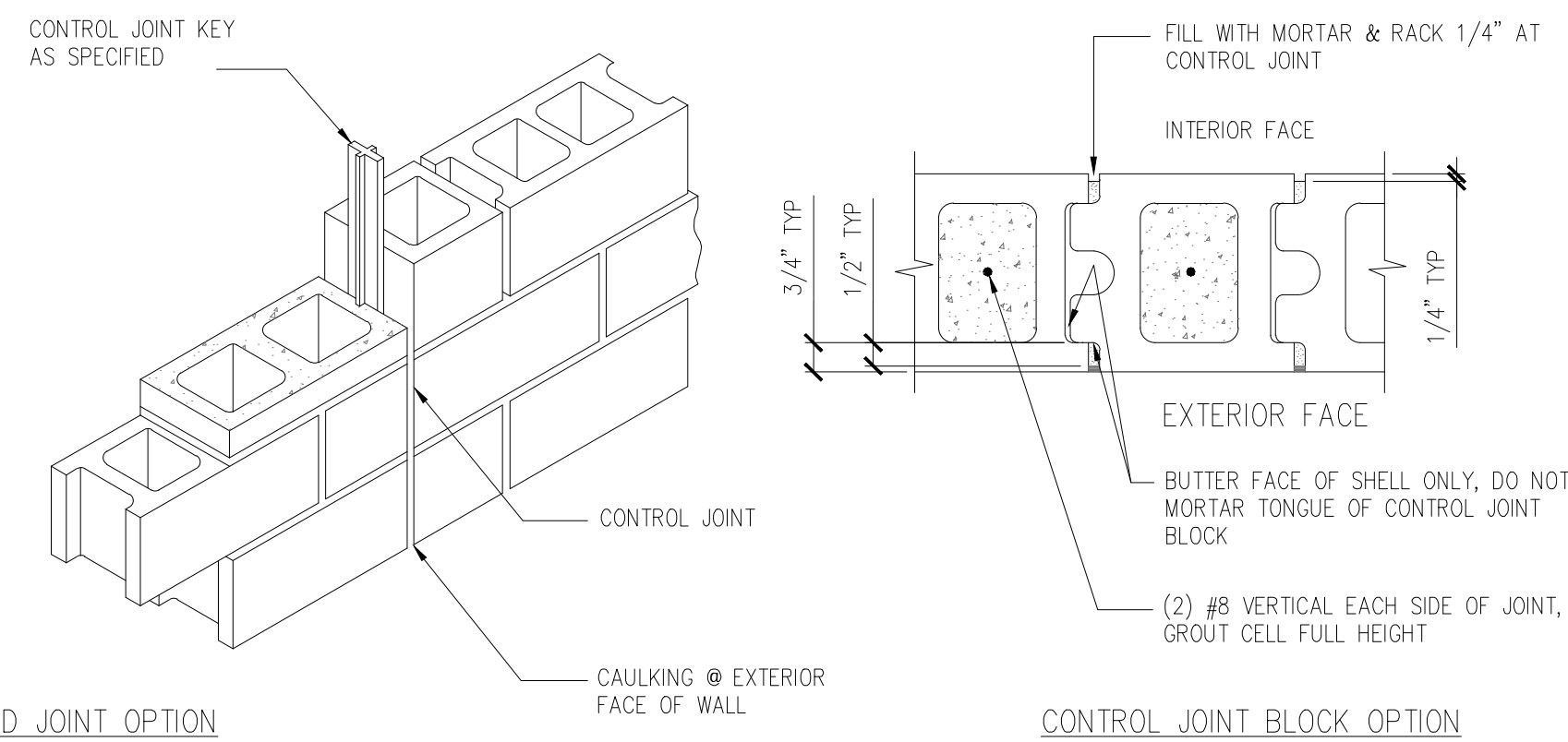
1. PROVIDE CMU LINTELS ABOVE ALL WALL OPENINGS.
2. EXTEND LINTELS 24" PAST OPENING.
3. SPAN IS DEFINED BY ROUGH MASONRY OPENING, REFER TO WALL ELEVATION.
4. REFER TO ARCH FOR SIZE & LOCATION OF OPENINGS.
5. PRECAST CONCRETE LINTELS WITH MINIMUM $f'_c = 3000$ PSI.



2 LINTEL DETAIL



3 TYP. CMU BOND BEAM REINF.



NOTES:

1. USE OF CONTROL JOINT BLOCK OR RUBBER LIKE MATERIAL KEY & SASH BLOCK IS CONTRACTOR OPTION.
2. LOCATE CONTROL JOINTS IN WALLS AT A MAXIMUM OF 50'-0" O/C & A MAXIMUM OF 27'-0" O/C FROM A CORNER
3. HORIZONTAL JOINT REINFORCEMENT SHALL BE DISCONTINUOUS AT CONTROL JOINTS. BOND BEAM REINFORCEMENT AT TOP OF WALL SHALL BE CONTINUOUS THROUGH CONTROL JOINTS.

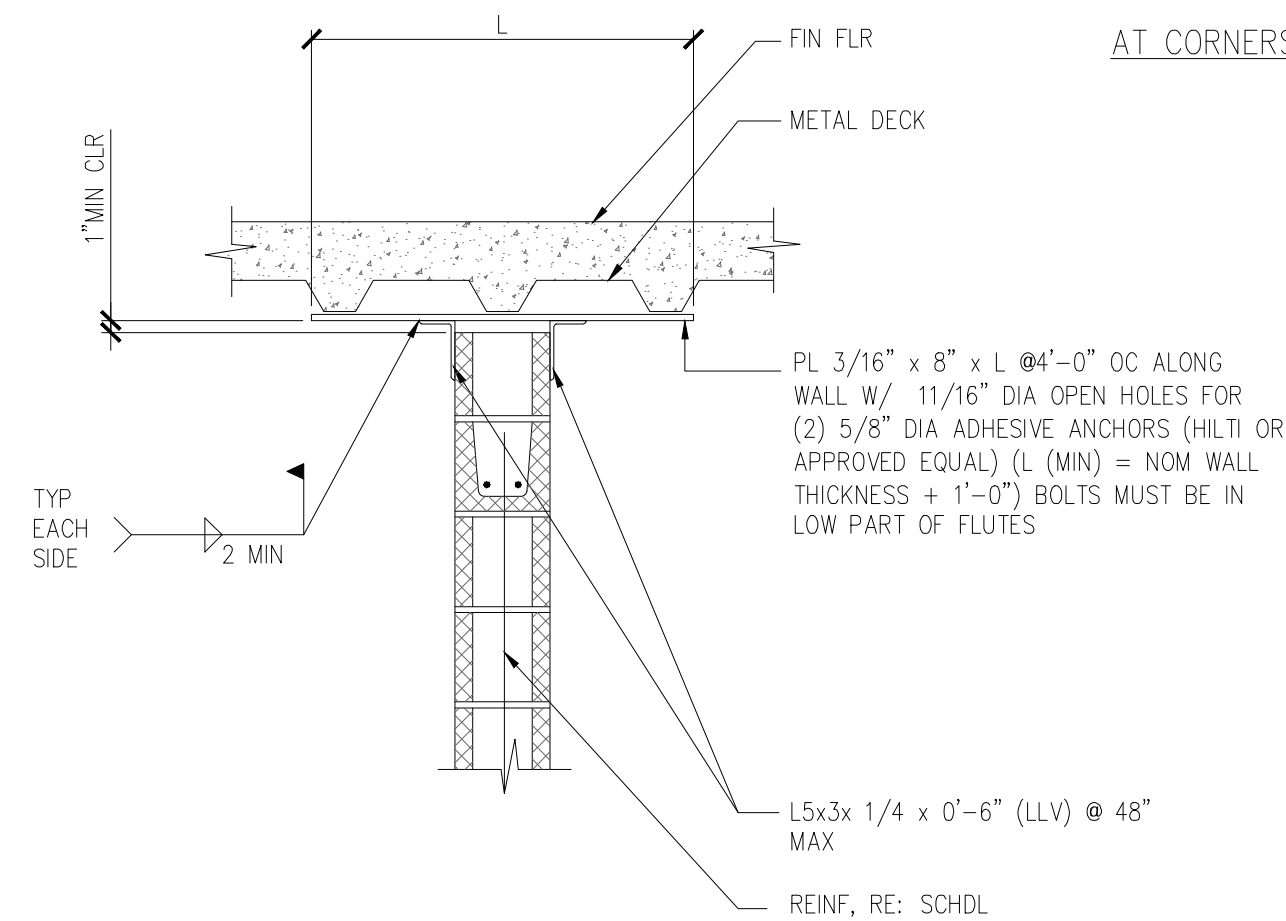
5 CMU WALL CONTROL JOINT DETAIL

LOOSE LINTEL SCHEDULE			
MAXIMUM MASONRY OPENING WIDTH	LINTEL SIZE	MAXIMUM HEIGHT BRICK ABOVE (NOTE 3)	MAXIMUM HEIGHT 4" CMU ABOVE (NOTE 3)
4'-0"	L3 1/2x3 1/2x1/4	5'-4"	9'-0"
5'-0"	L4x3 1/2x1/4 LLV	4'-4"	7'-4"
6'-0"	L5x3 1/2x1/4 LLV	4'-0"	7'-0"
7'-0"	L6x3 1/2x5/16 LLV	6'-8"	11'-4"

NOTES:

1. PROVIDE 8" MINIMUM BEARING EACH END OF STEEL LINTELS.
2. LINTELS SHALL BE HOT-DIPPED GALVANIZED.
3. WHERE A VERTICAL CONTROL JOINT OR END OF WALL OCCURS ON EITHER SIDE OF OPENING, MAXIMUM HEIGHT OF BRICK OR CMU ABOVE OPENING SHALL NOT EXCEED VALUE SHOWN ABOVE FOR LINTEL SIZE PROVIDED.
4. PROVIDE FRAMED LINTEL PER 7/S402 FOR OPENINGS @ LOUVERS.
5. NOTIFY ENGINEER IF CONDITIONS EXIST THAT DO NOT COMPLY WITH THIS DETAIL.


6 LOOSE LINTEL SCHEDULE



7

TYP CMU WALL CONNECTION TO CONCRETE FLOOR DECK

SCALE NTS

REVISIONS		DATE
	"As-BUILT" DOCUMENT REVISIONS	10/08/12

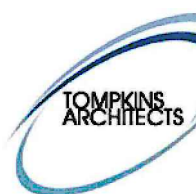
AS-BUILT DRAWINGS
This document has been prepared based on As-Built information provided by others. Those relying on this document are advised to obtain independent verification of its accuracy before using it for any purpose.

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	Drawing Title
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MASONRY SCHEDULE AND DETAILS

Approved: Project Director

Project Title

Outpatient Mental Health Improvements
Overton Brooks
Veterans Administration Medical Center

Project Number

667-081

Building Number

Bldg. 1, South Wing

Drawing Number

6602

S603

Office of
Facility
Management

Project Status

