



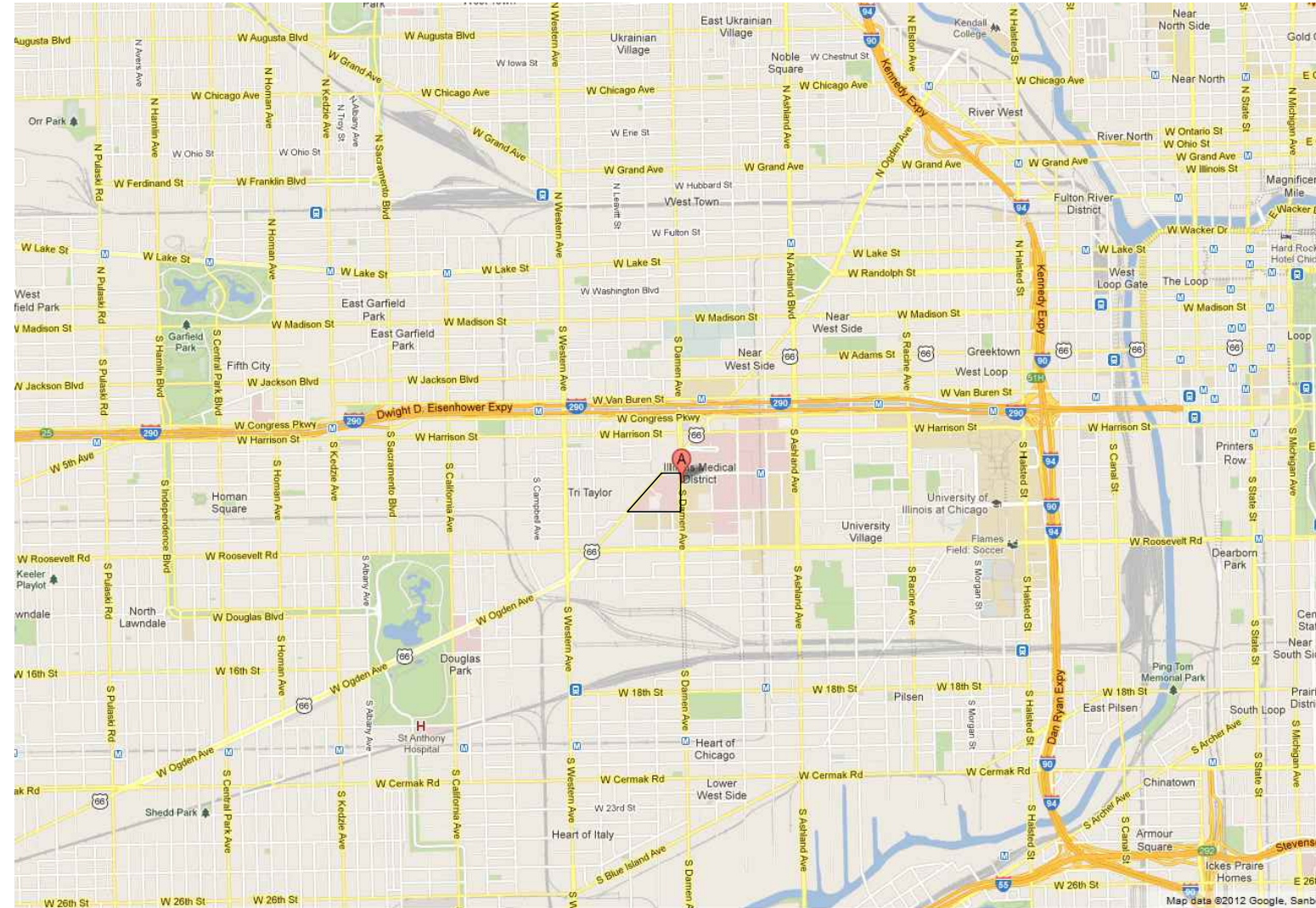
JESSE BROWN VA MEDICAL CENTER

820 S. DAMEN AVE. CHICAGO, ILLINOIS 60612

MASONRY REPAIRS, PHASE 19



VICINITY MAP

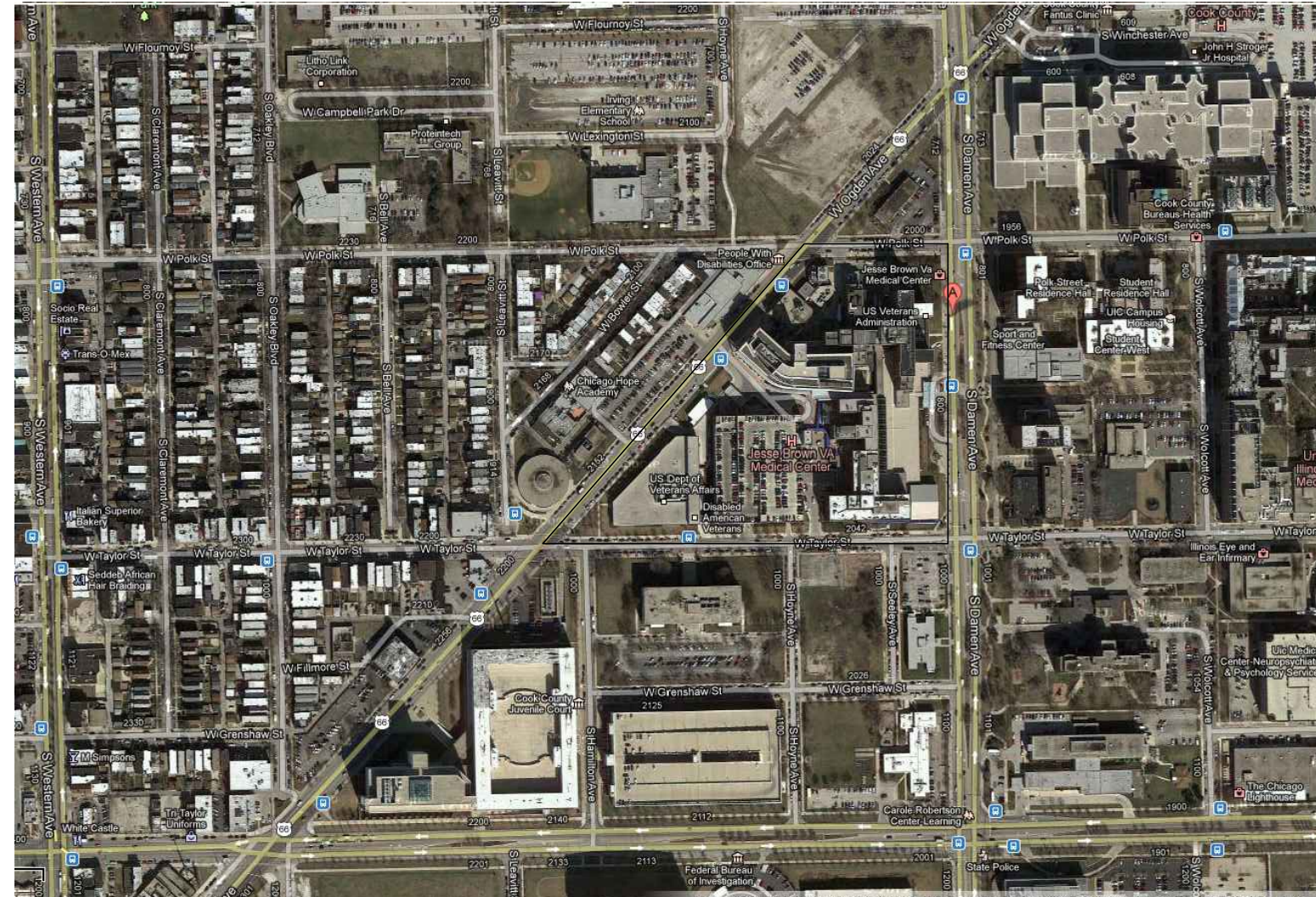


Sheet Index	
R0-19	COVER SHEET
R1-19	PHASE LAYOUT
R2-19	ELEVATION
R3-19	BLANK
R4-19	CONCRETE REPAIRS AND EXPANSION JOINT
R5-19	BRICK AND SHELF ANGLE REPAIRS AT WINDOWS
R6-19	SHELF ANGLE REPAIRS AWAY FROM WINDOWS
R7-19	PARAPET WALL DETAILS
R8-19	MISCELLANEOUS REPAIR DETAILS
R9-19	MISCELLANEOUS REPAIR DETAILS

R0-19
└─ PHASE NUMBER
└─ SHEET NUMBER

Phase 19 Bid Quantities			
Item	Type of Work	Unit	Estimated Quantity
1a	Remove masonry at corners per detail 6/R4-19	sq. ft.	350
1b	Replace masonry at corners per details 6/R4-19	sq. ft.	350
2a	Remove concrete per details 2/R4-19 and 3/R4-19	sq. ft.	50
2b	Replace concrete per detail 2/R4-19 and 3/R4-19	sq. ft.	50
3a	Remove parapet and coping stone per sheet R7-19	lin. ft.	115
3b	Replace parapet and new coping stone and integrate with existing roof system per sheet R7-19	lin. ft.	115
4	Cut new vertical expansion joint per 4/R4-19	lin. ft.	200
5a	Remove shelf angle including masonry work per detail 1/R6-19	lin. ft.	115
5b	Replace new steel shelf angle and flashing including masonry work per detail 1/R6-19	lin. ft.	115
6a	Remove window lintel (steel angle) including masonry work per detail 4/R5-19	lin. ft.	225
6b	Replace new window lintel (steel angle) and flashing including masonry work per detail 4/R5-19	lin. ft.	225
7	Remove exterior wythe of brick masonry	sq. ft.	35
8	Install exterior wythe of brick masonry	sq. ft.	35
9a	Remove limestone panel	sq. ft.	0
9b	Replace limestone panel per 3/R8-19	sq. ft.	0
10	Install supplemental Helifix anchors per details 1/R8-19, 1/R5-19, and 3/R5-19 (location of Helifix anchors will be verified by COTR/AE before installation; contractor will provide drawings showing location of intended installation)	each	900
11	Grind and repoint masonry mortar per detail 4/R8-19 and 5/R8-19	sq. ft.	2,100
12	Grind and repoint limestone mortar per details 4/R8-19 and 6/R8-19	sq. ft.	0
13	Remove existing sealant and install new sealant and backer rod at window perimeter per detail 5/R5-19	lin. ft.	270
14	Facade cleaning	sq. ft.	2,800
15	Remove and replace damaged limestone window sill	sq. ft.	25
16	Seal cracks in window sill	lin. ft.	30
17	Remove Jesse Brown VA Hospital sign; relocate on roof, securely position to be observed from street level; replace sign once masonry repair work is completed	sign	0
18	Roof membrane removal and replacement at parapet	sq. ft.	750

SITE LOCATION MAP



820 S. DAMEN AVENUE,
CHICAGO, IL 60612

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3	100% COMPLETION	7/31/13
2	95% COMPLETION	7/5/12
1	35% COMPLETION	1/16/12
Revisions		Date



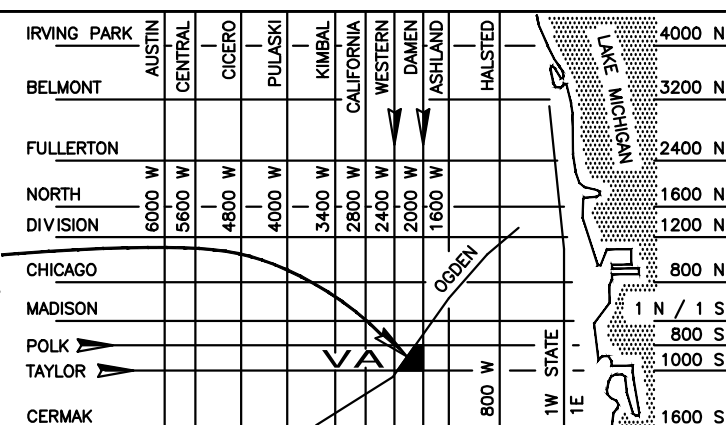
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330 Pfingsten Road
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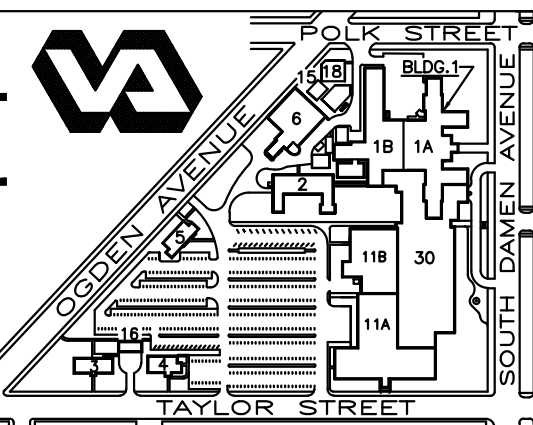
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Honolulu | Houston | Los Angeles | Minneapolis | New Haven | New York
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AREA LOCATION MAP

WEST SIDE
MEDICAL CENTER



SITE PLAN



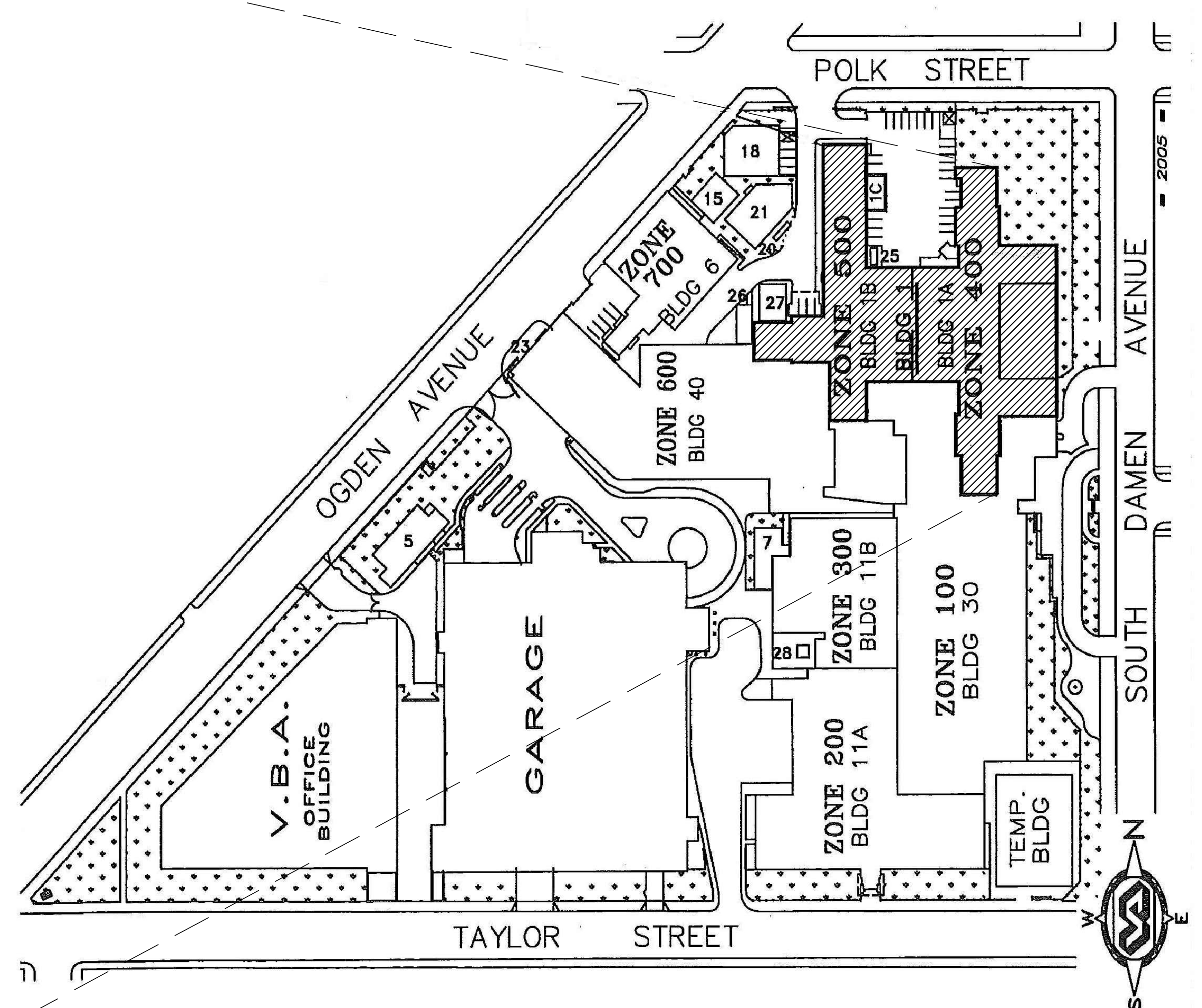
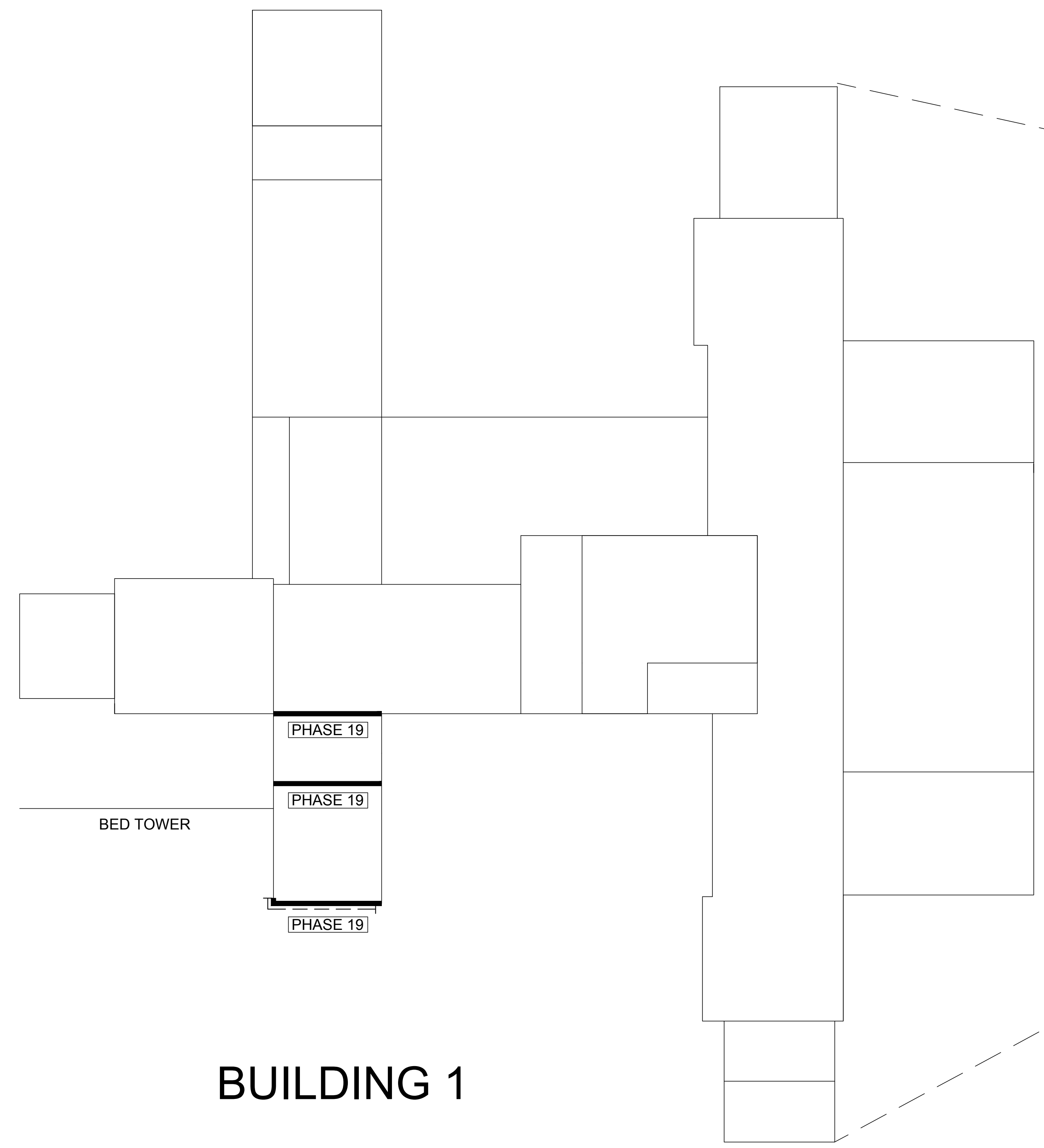
Drawing Title	
BUILDING 1 PHASE LAYOUT	
Approved: Chief of Engineering	Date
Approved: Director	Date

Project Title	
PHASE 19 V.A. CHICAGO Medical Center	
Building Number & Floor BUILDING 1 ALL FLOORS	Checked JEP
Location 820 S. DAMEN Ave. CHICAGO IL - 60612	Drawn SBS

Date 7/31/13
Project No. (CONSTRUCTION)
DRAWING NO. R0-19 Dwg. 1 of 10

DEPARTMENT OF
VETERANS AFFAIRS

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



BUILDING 1

<div>9</div> <div>8</div> <div>7</div> <div>6</div> <div>5</div> <div>4</div> <div>3</div> <div>2</div> <div>1</div> <div>Revisions</div>	<div>100% COMPLETION</div> <div>95% COMPLETION</div> <div>35% COMPLETION</div> <div>7/31/13</div> <div>7/5/12</div> <div>1/16/12</div> <div>Date</div>	<div> FREGA ASSOCIATES, LTD. ARCHITECTS ENGINEERS PLANNERS 411 S. Wells Street, 5th Floor Chicago, IL 60607 PROJECT NO. 537-10-132</div> <div> WJE ENGINEERS ARCHITECTS MATERIALS SCIENTISTS</div>	<div>Wiss, Janney, Elstner Associates, Inc. 330 Pfingsten Road Northbrook, Illinois 60062 847.272.7400 tel 847.291.5189 fax www.wja.com</div> <div>Headquarters & Laboratories: Northbrook, Illinois Atlanta Austin Boston Chicago Cleveland Dallas Denver Detroit Honolulu Houston Los Angeles Minneapolis New Haven New York Princeton San Francisco Seattle Washington, D.C.</div>	<div>AREA LOCATION MAP</div> <div></div>	<div>SITE PLAN</div> <div></div>	<div>Drawing Title</div> <div>BUILDING 1 PHASE LAYOUT</div> <div>Approved: Chief of Engineering</div> <div>Date</div> <div>Approved: Director</div> <div>Date</div>	<div>Project Title</div> <div>PHASE 19 V.A. CHICAGO Medical Center</div> <div>Building Number & Floor</div> <div>BUILDING 1 ALL FLOORS</div> <div>Location</div> <div>820 S. DAMEN Ave. CHICAGO IL - 60612</div> <div>Checked</div> <div>JEP</div> <div>Drawn</div> <div>SBS</div>	<div>Date</div> <div>7/31/13</div> <div>Project No.</div> <div>(CONSTRUCTION)</div> <div>DRAWING NO.</div> <div>R1-19</div> <div>Dwg. 2 of 10</div>	<div>DEPARTMENT OF VETERANS AFFAIRS</div>
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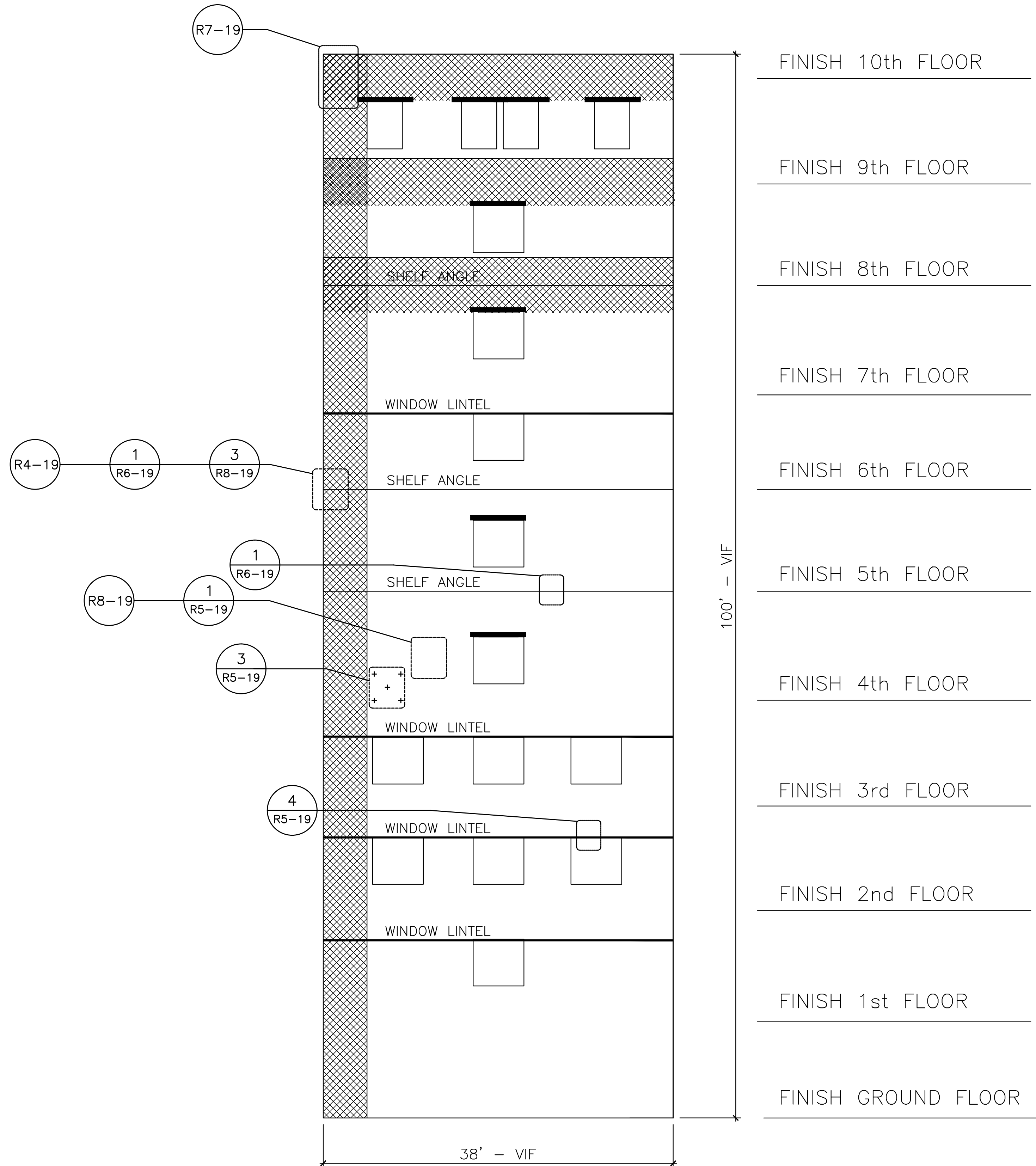
LEGEND

- NEW BRICK
- NEW SHELF ANGLE & FLASHING
- NEW WINDOW LINTEL & FLASHING
- CONCRETE REPAIRS
- NEW LIMESTONE
- HELIFIX
- NEW CONTROL JOINTS

NOTES:

1. DETAILS ON ALL SHEETS ARE TYPICAL AND APPLY TO THE ENTIRE PHASE

2. 'X' SHOWN IN DETAIL SHEETS REPRESENTS PHASE NUMBER



1 SOUTH ELEVATION - PHASE 19
NOT TO SCALE

Revisions	Date
9	
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3	100% COMPLETION 7/31/13
2	95% COMPLETION 7/5/12
1	35% COMPLETION 1/16/12

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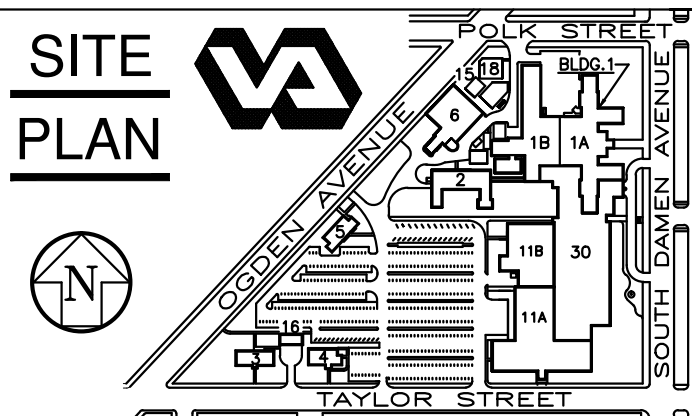
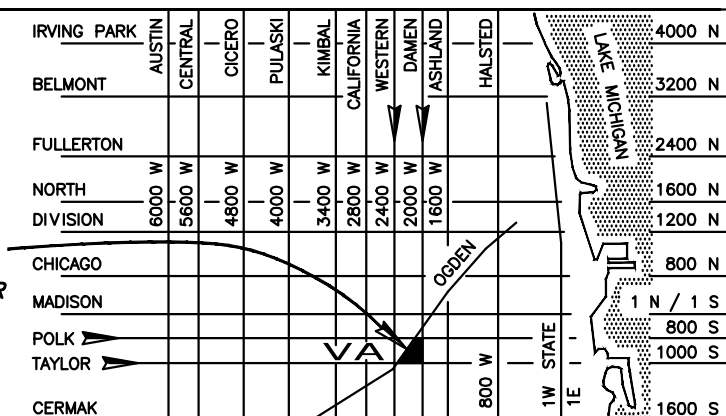
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AREA
LOCATION
MAP

WEST SIDE
MEDICAL CENTER



Drawing Title	
BUILDING 1 ELEVATION AREA OF WORK	
Approved: Chief of Engineering	Date
Approved: Director	Date

Project Title		Date
PHASE 19 V.A. CHICAGO Medical Center		7/31/13
Building Number & Floor BUILDING 1 ALL FLOORS		Project No. (CONSTRUCTION)
Checked JEP	Drawn EJK	DRAWING NO. R2-19 Dwg. 3 of 10
Location 820 S. DAMEN Ave. CHICAGO IL - 60612		

DEPARTMENT OF
VETERANS AFFAIRS

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Revisions	Date	
9		
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2	95% COMPLETION	7/5/12
1	35% COMPLETION	1/16/12

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PROJECT NO. 537-10-132

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AREA LOCATION MAP
WEST SIDE MEDICAL CENTER
CHICAGO
MADISON
POLK
TAYLOR
CERMAK
IRVING PARK
BELMONT
FULLERTON
DIVISION
NORTH
CHICAGO
AUSTIN
CENTRAL
CICERO
PULASKI
RANKIN
ROOSEVELT
WESTERN
DAMEN
ASHLAND
HALSTED
STATE
1600 N
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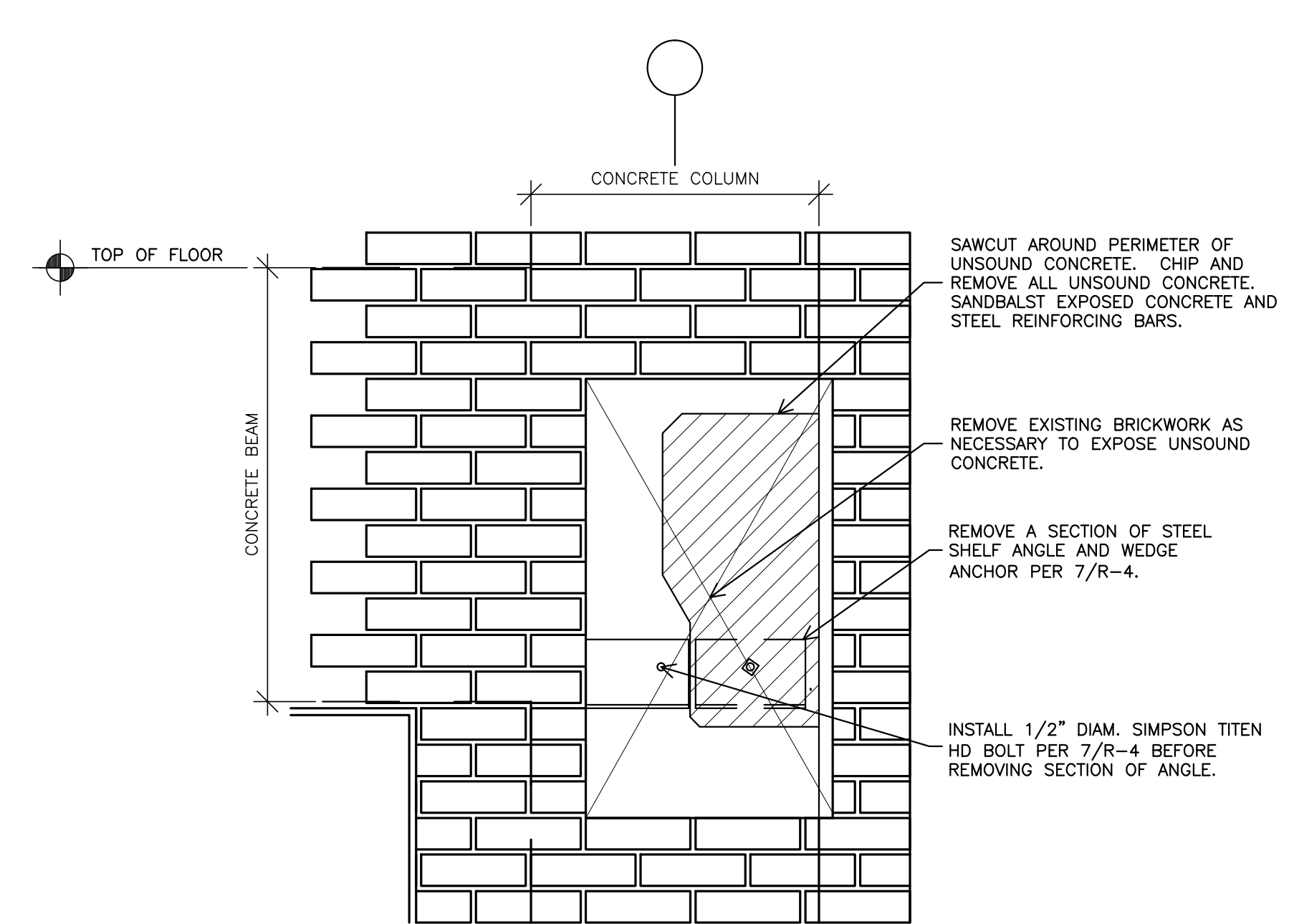
SITE PLAN
BUILDING 1
ELEVATION AREA OF WORK
Approved: Chief of Engineering Date
Approved: Director Date

PHASE 19 V.A. CHICAGO Medical Center
Building Number & Floor: BUILDING 1 ALL FLOORS
Checked: JEP Drawn: SBS
Location: 820 S. DAMEN Ave. CHICAGO IL - 60612

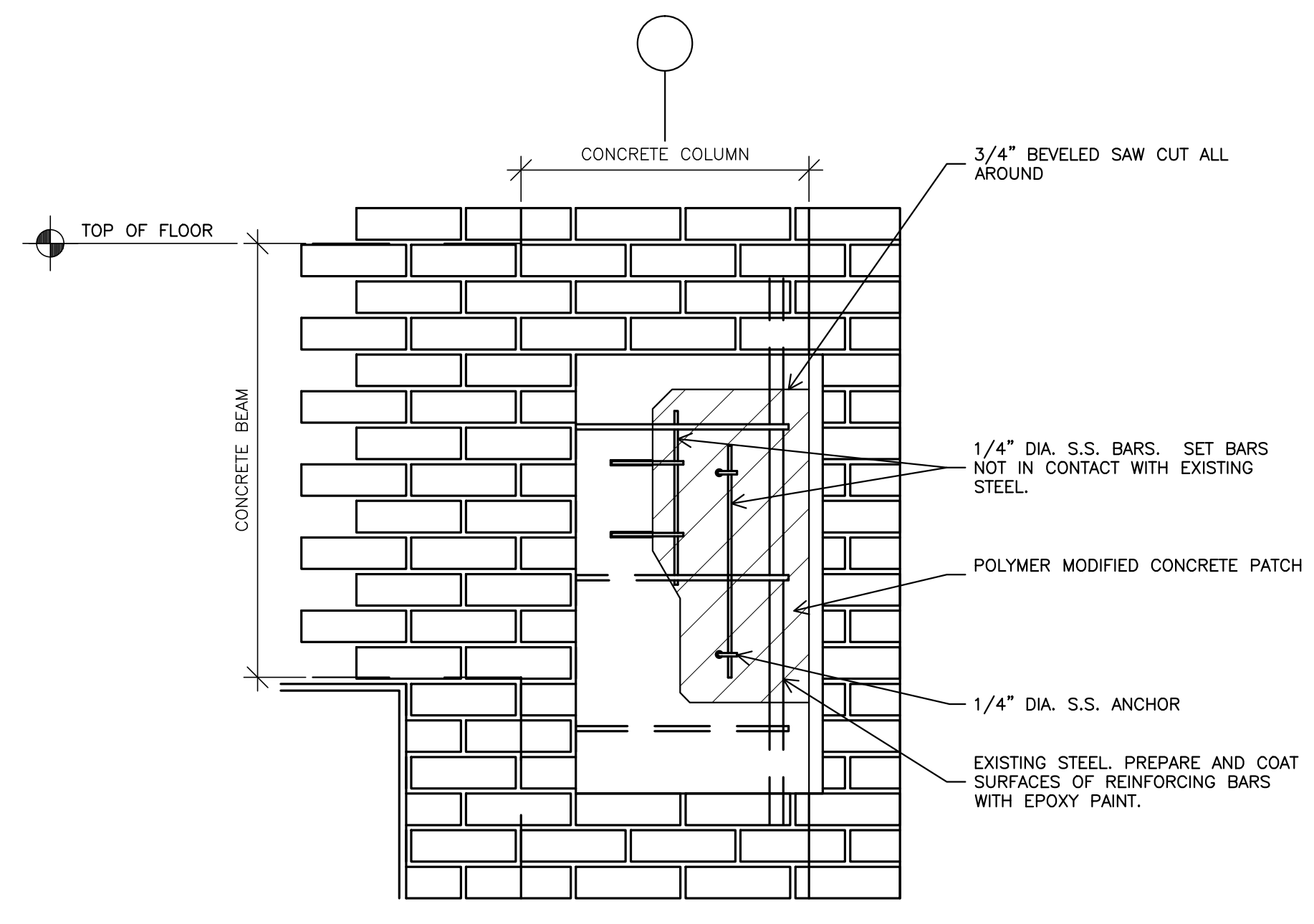
Date: 7/31/13
Project No.: (CONSTRUCTION)
DRAWING NO.: R3-19
Dwg. 4 of 10

DEPARTMENT OF VETERANS AFFAIRS

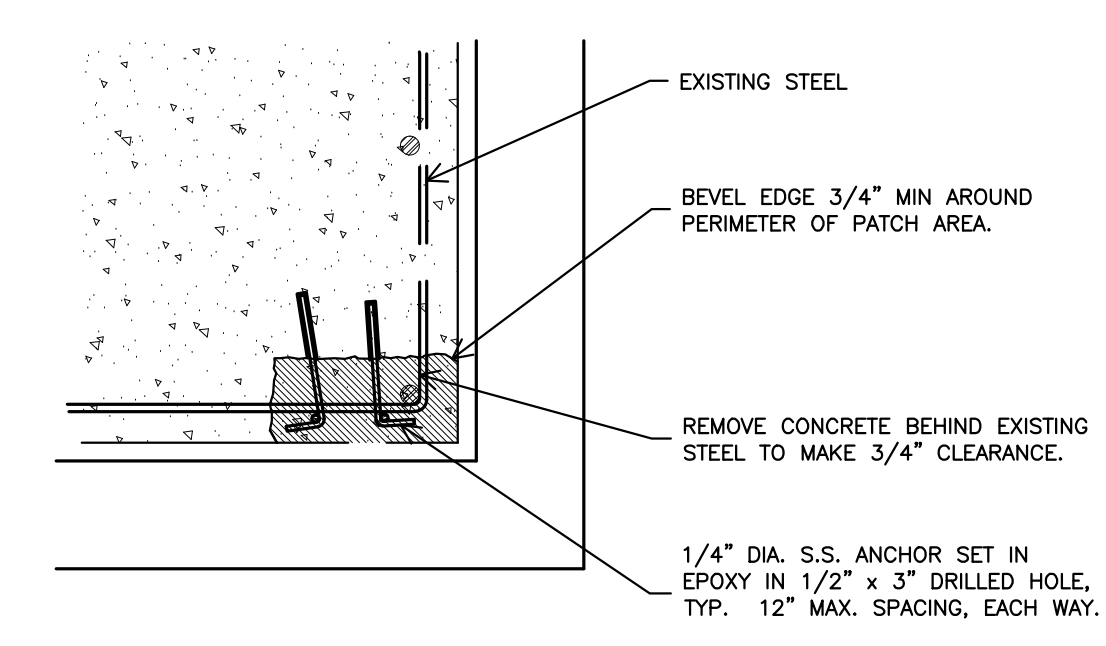
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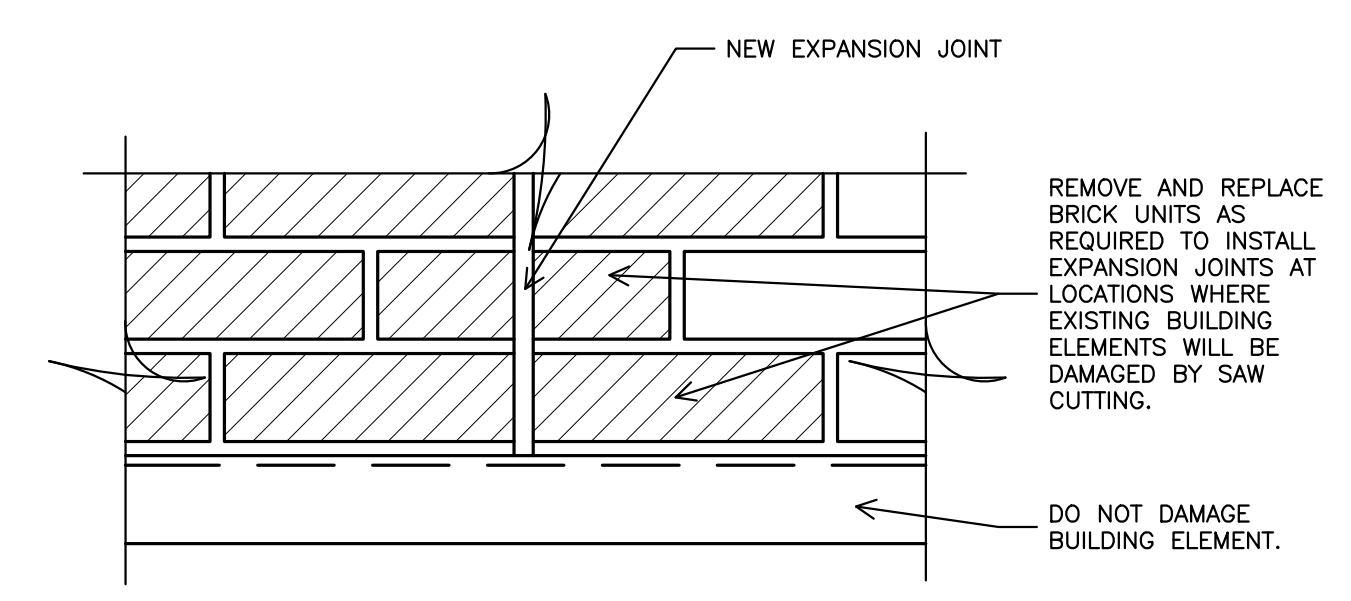
1 REMOVAL OF UNSOUND CONCRETE
1-1/2" = 1'-0"



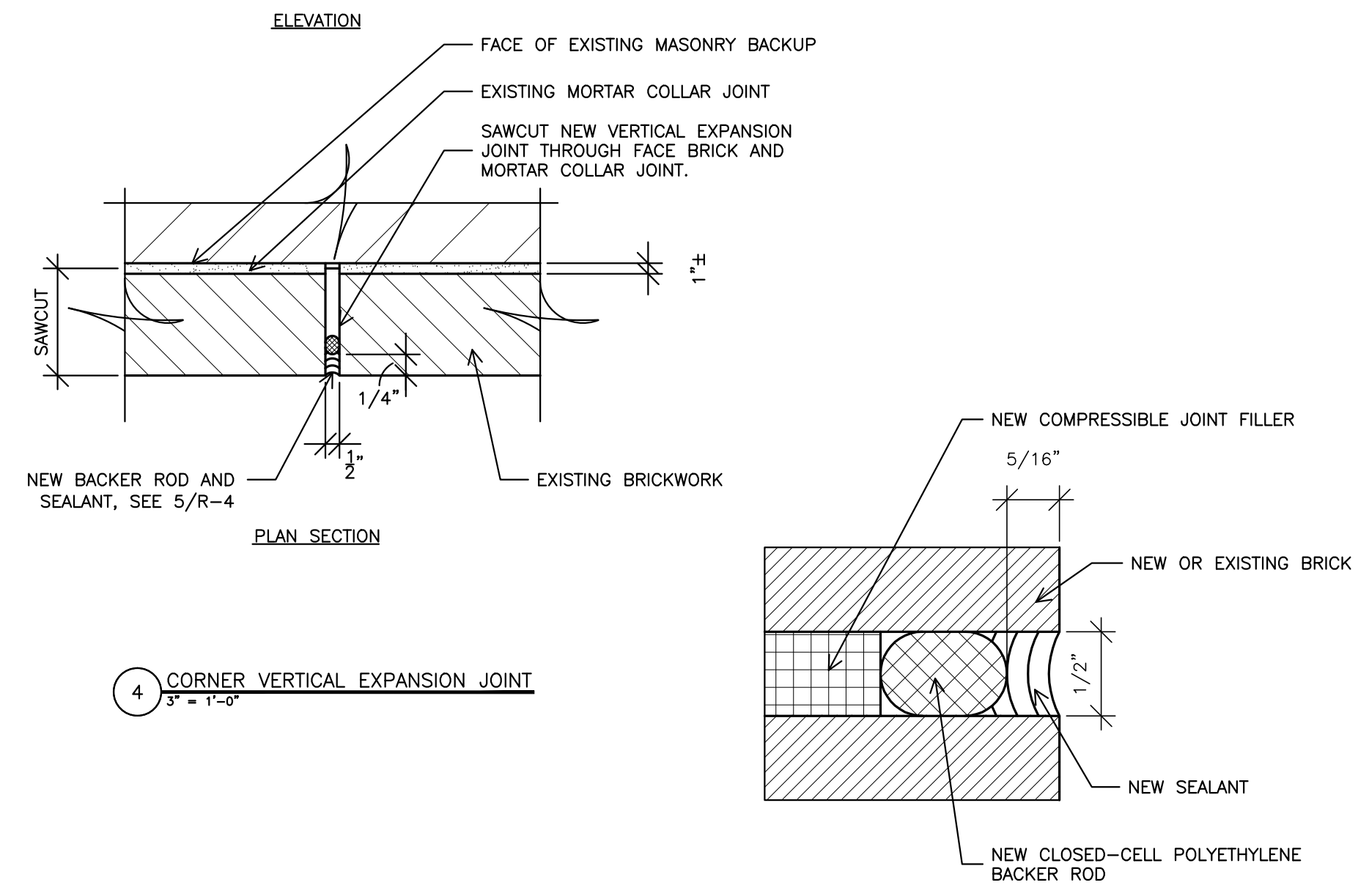
2 CONCRETE REPAIR - PARTIAL ELEVATION
1-1/2" = 1'-0"



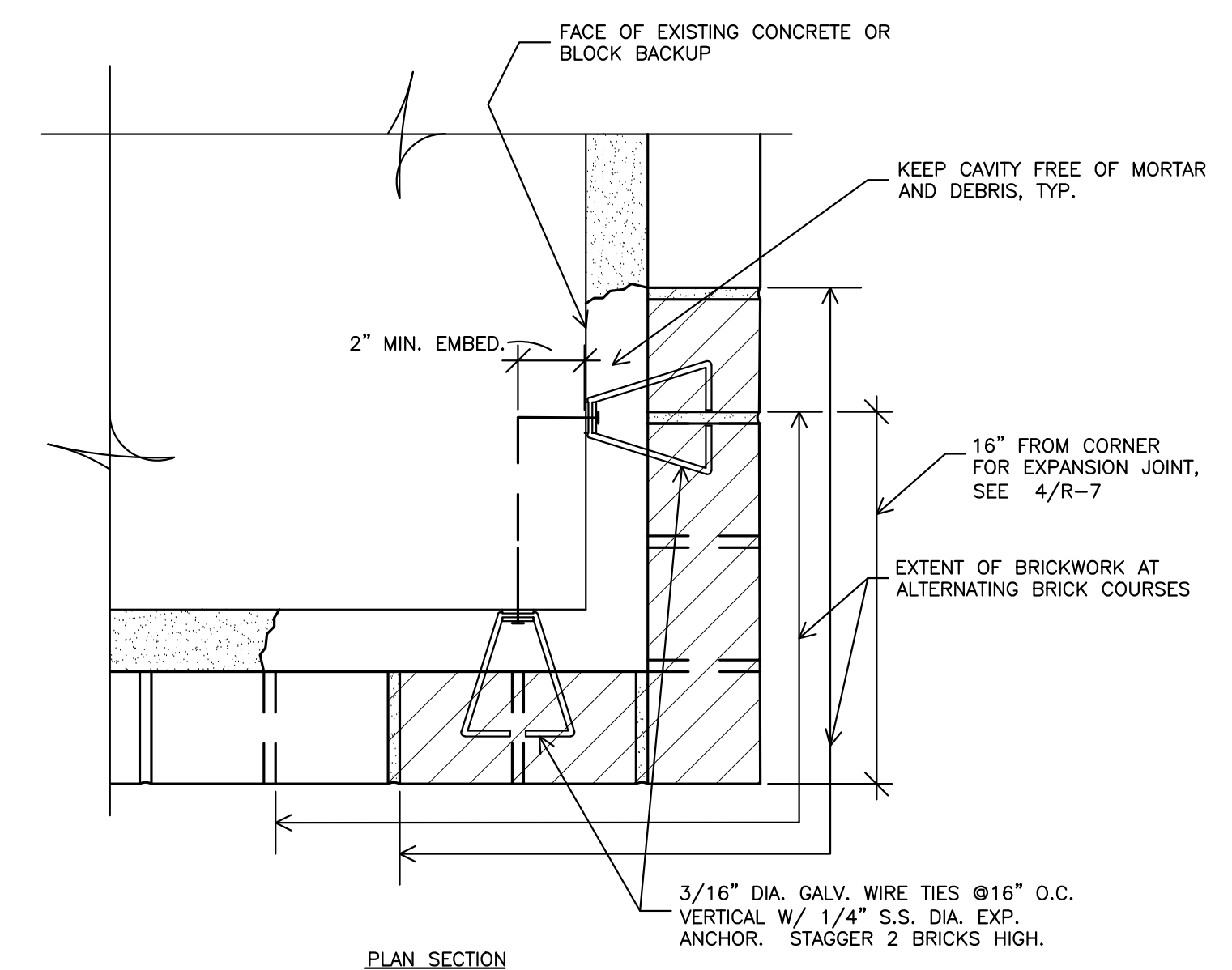
3 COLUMN CONCRETE REPAIR
1-1/2" = 1'-0"



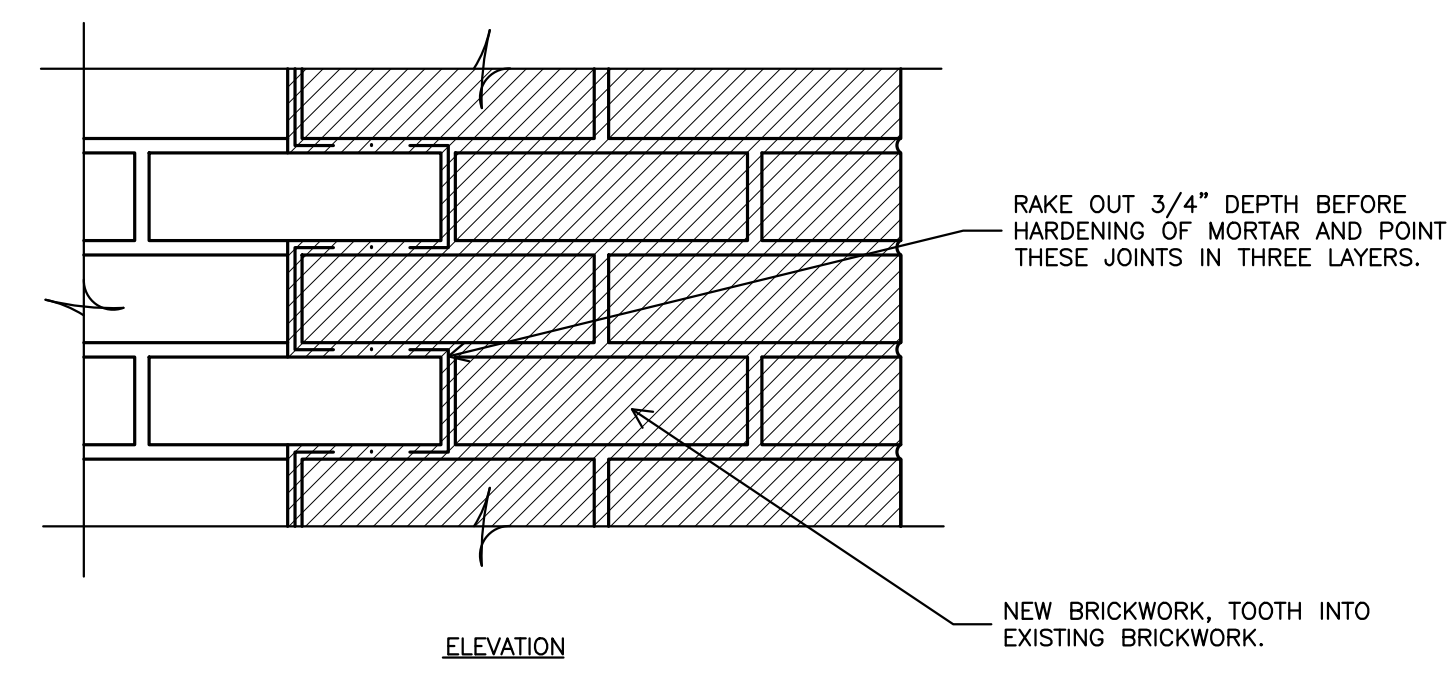
4 CORNER VERTICAL EXPANSION JOINT
3" = 1'-0"



5 BACKER ROD & SEALANT DETAIL
NONE



6 BRICKWORK AT CORNER
3" = 1'-0"



7 EXISTING SHELF ANGLE AT CORNER - REMOVAL
3" = 1'-0"

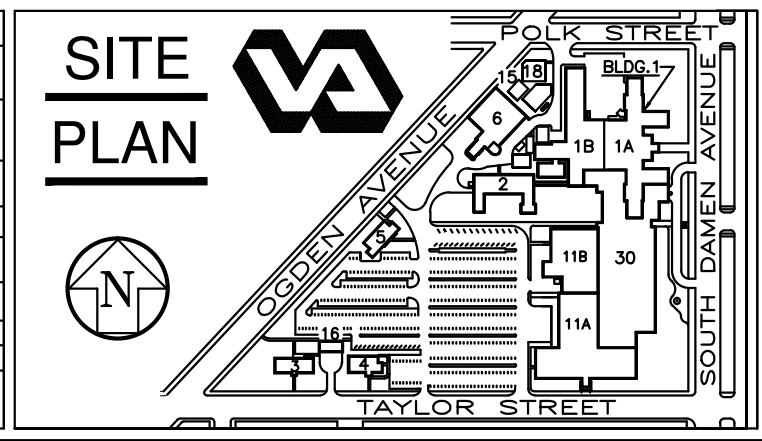
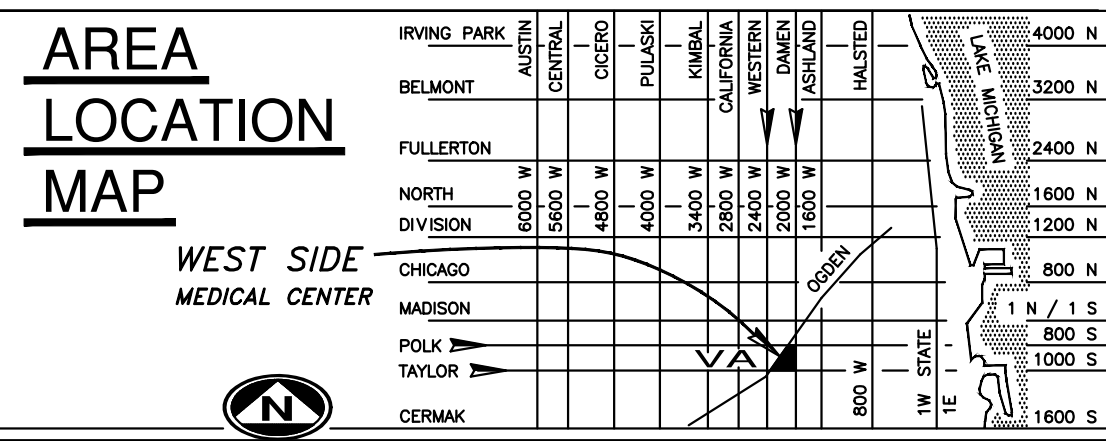
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3	100% COMPLETION	7/31/13
2	95% COMPLETION	1/21/09
1	25% COMPLETION	11/06/08
Revisions		Date

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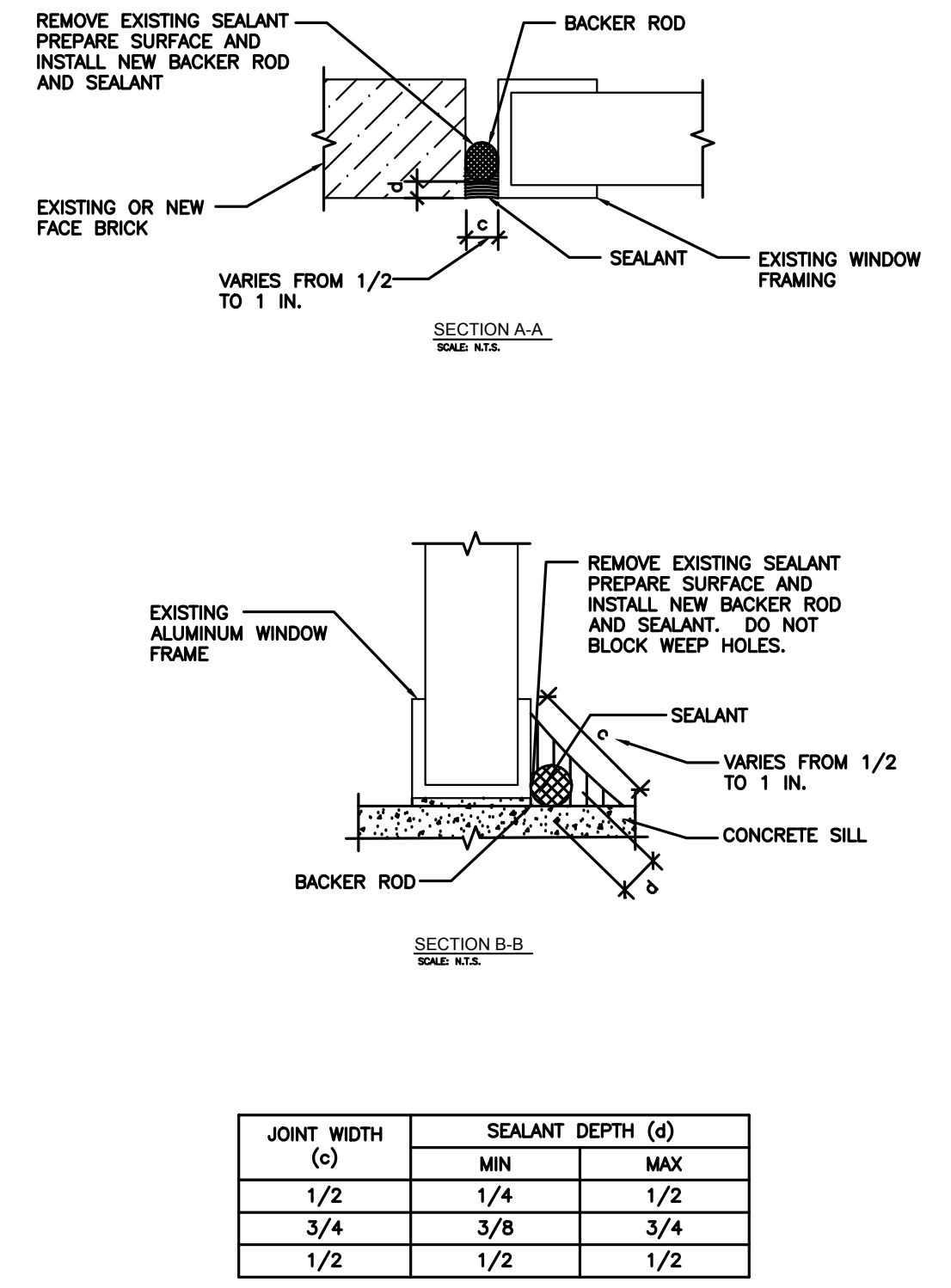
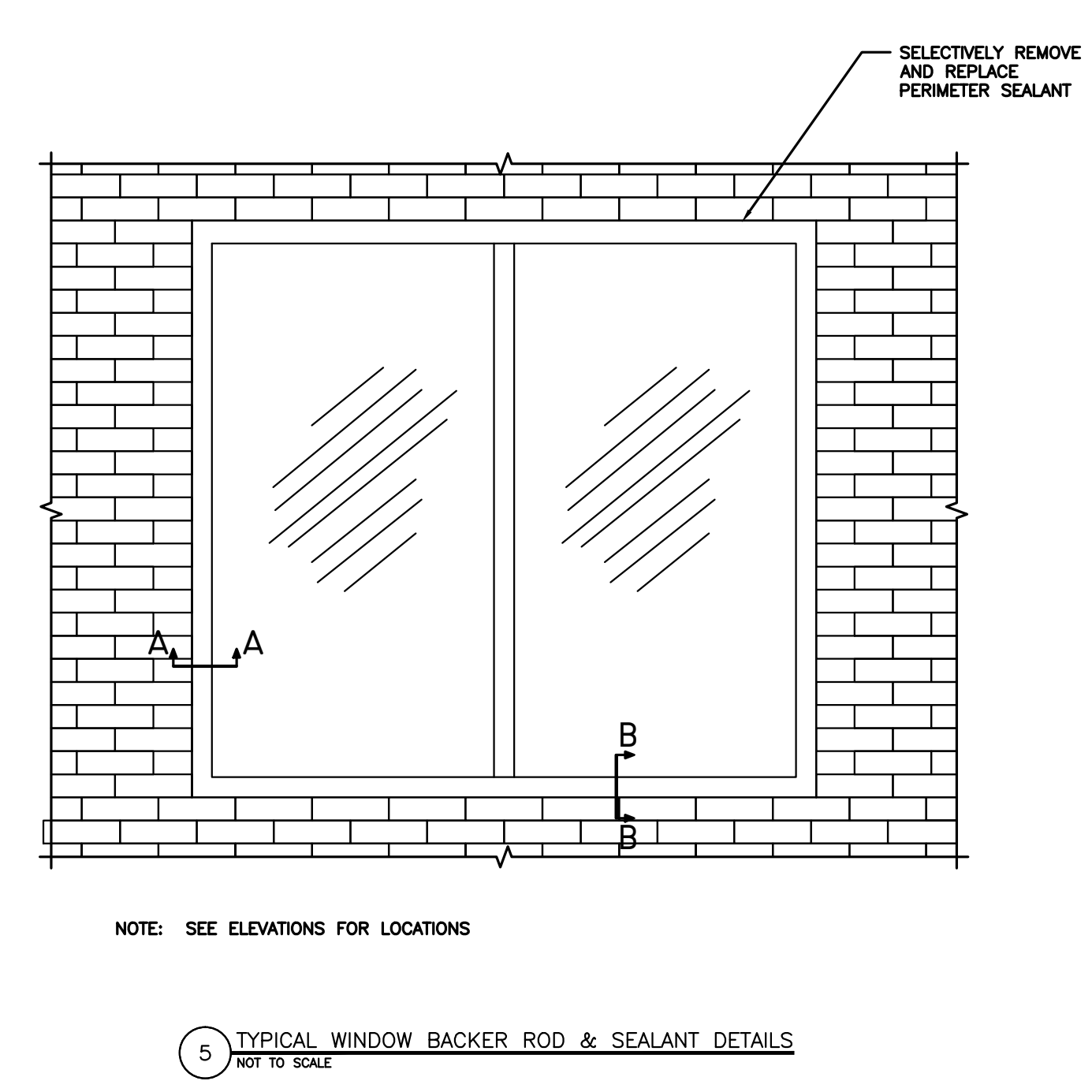
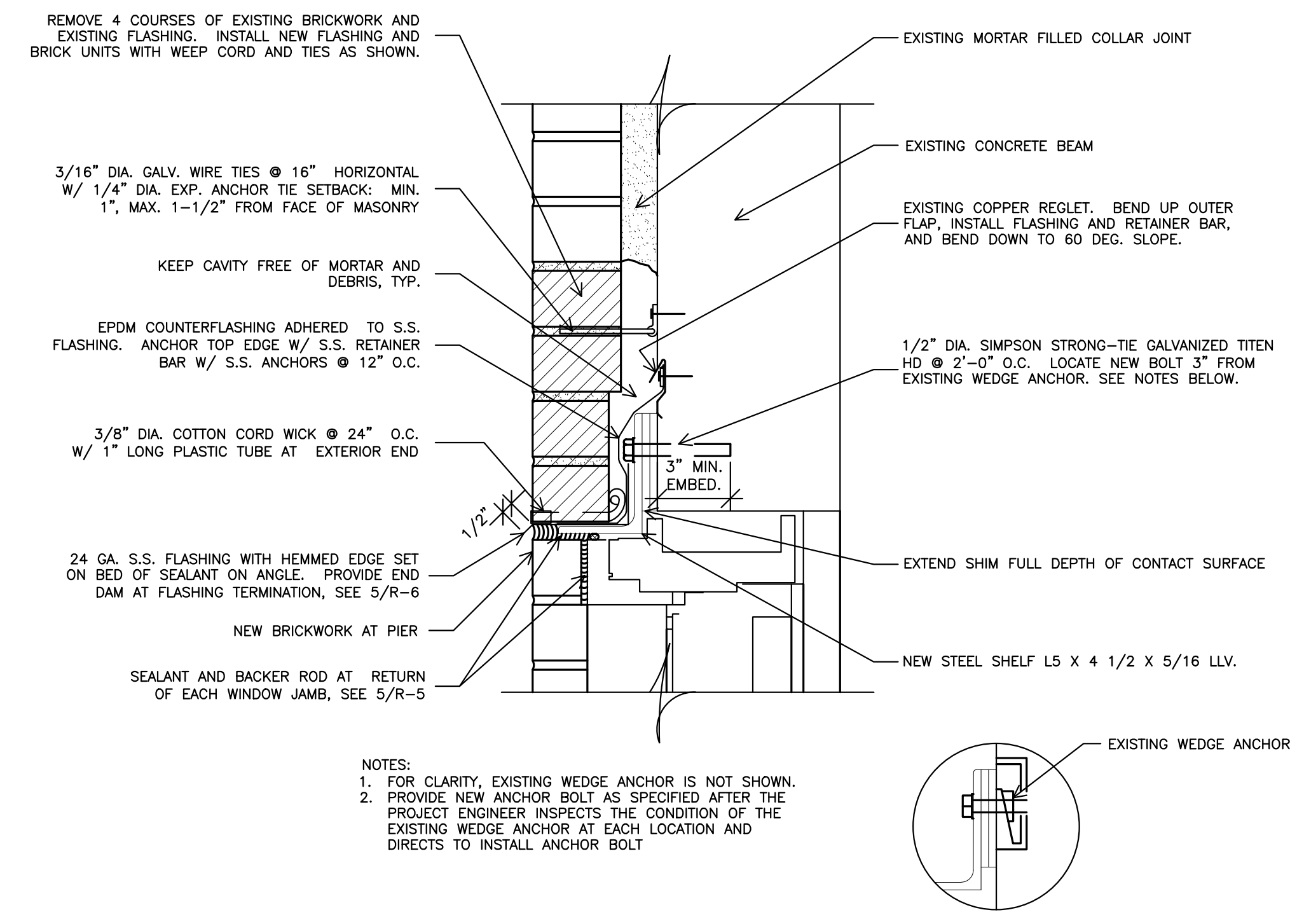
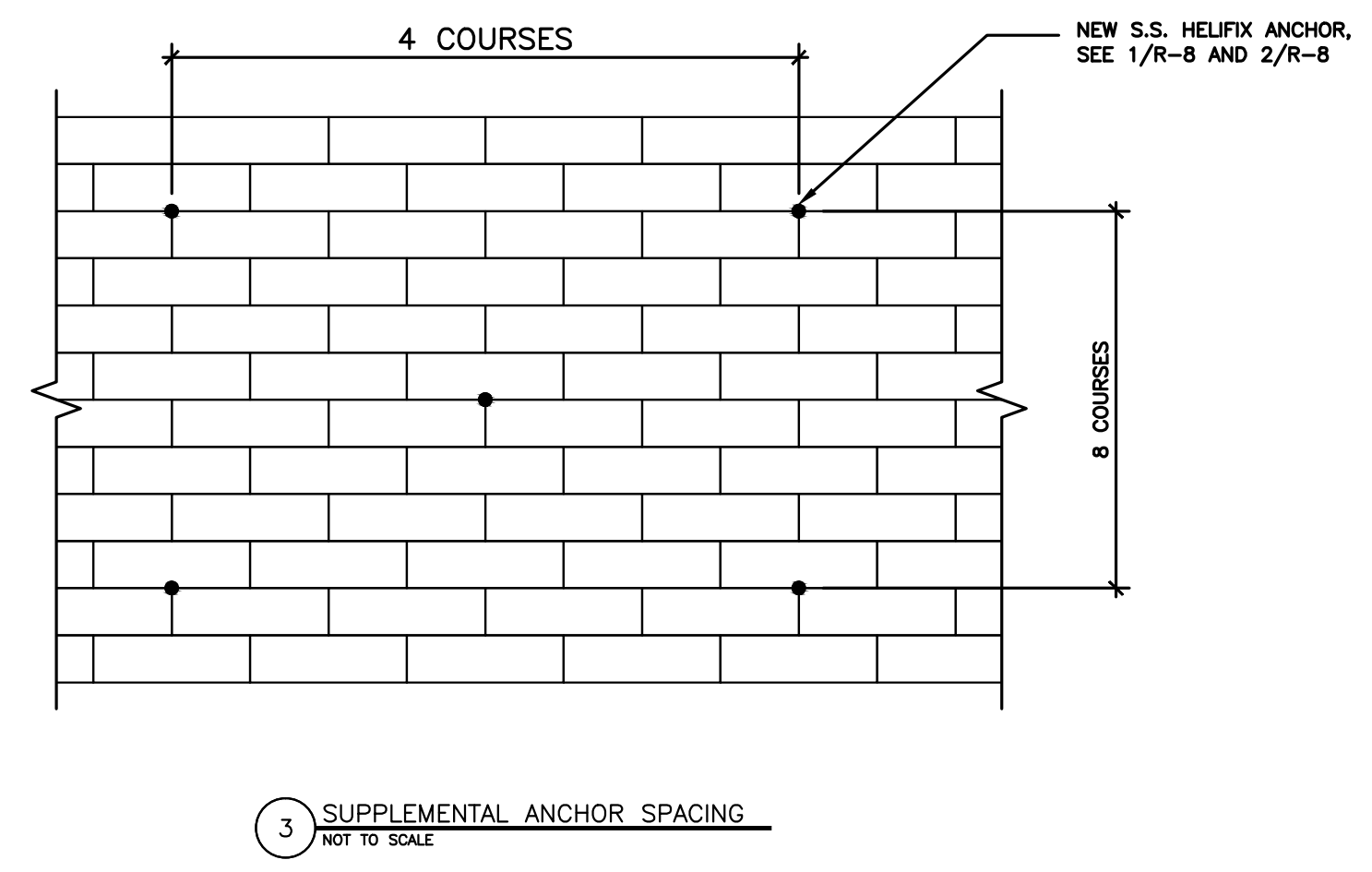
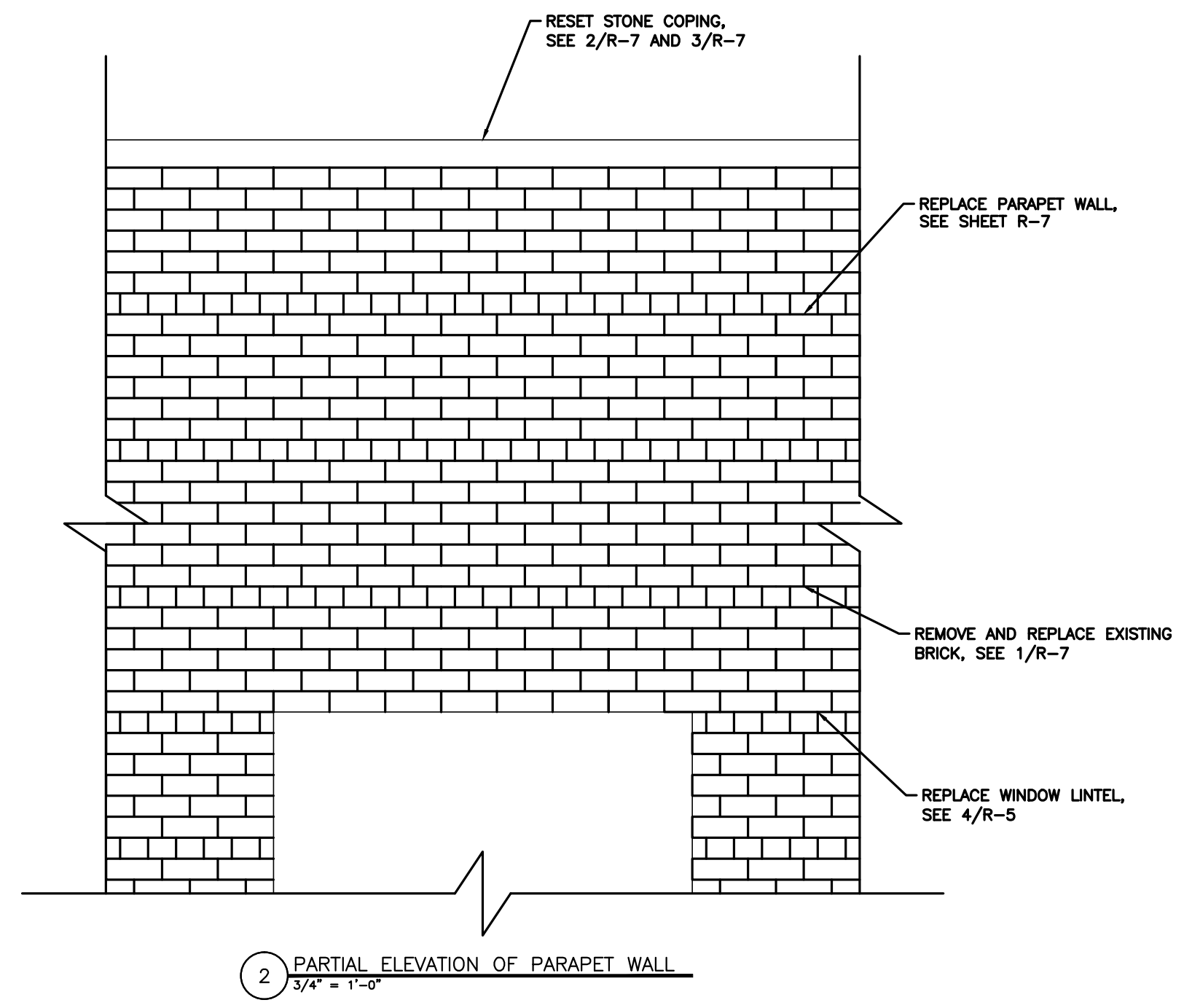
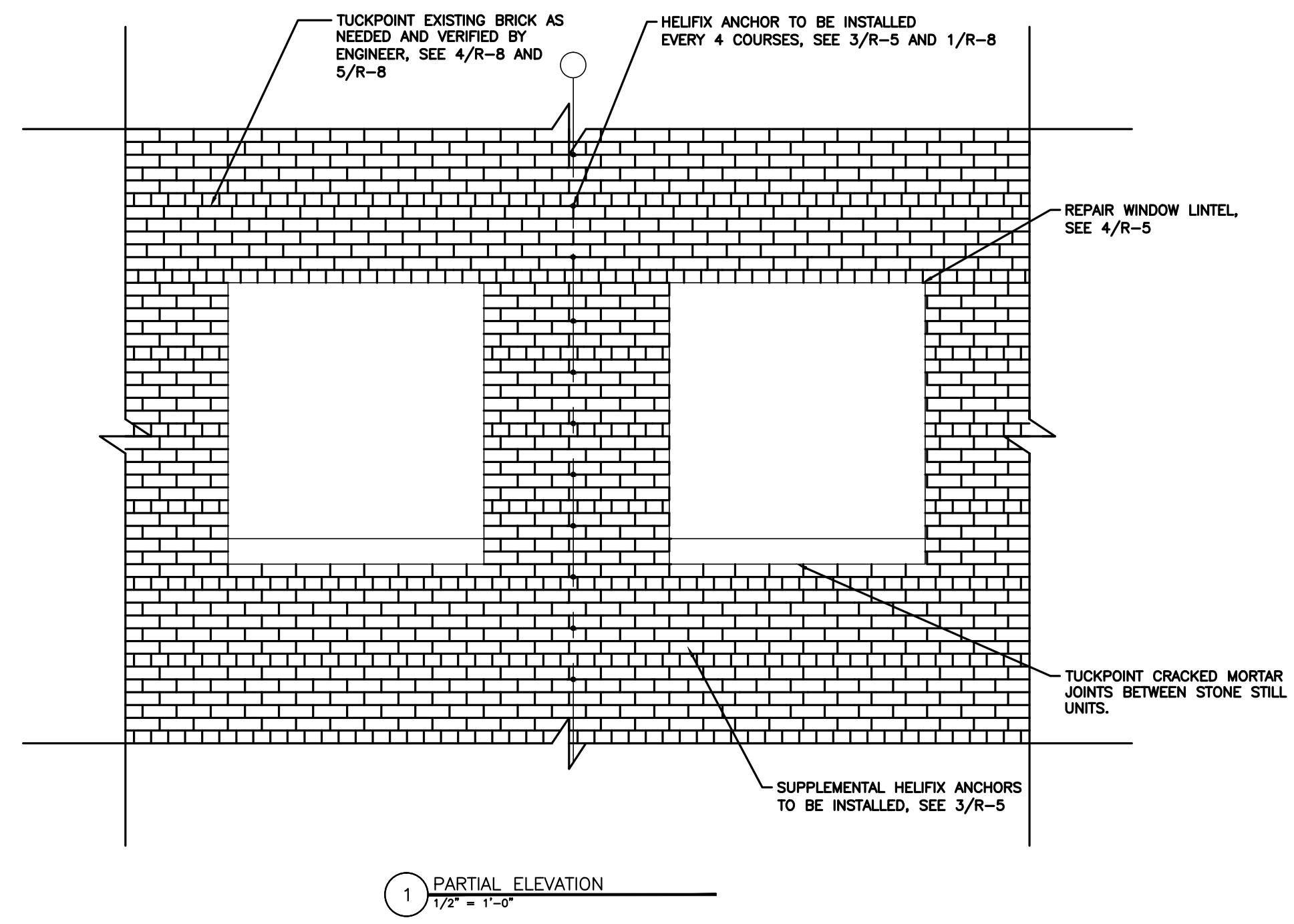


Drawing Title	
CONCRETE REPAIRS AND EXPANSION JOINT	
Approved: Chief of Engineering	Date
Approved: Director	Date

Project Title		Date	
PHASE 19 V.A. CHICAGO Medical Center		7/31/13	
Building Number & Floor		Checked	Drawn
BUILDING 1 ALL FLOORS		JEP	SBS
Location		DRAWING NO.	
820 S. DAMEN Ave. CHICAGO IL - 60612		R4-19	
		Dwg. 5 of 10	

DEPARTMENT OF
VETERANS AFFAIRS

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



JOINT WIDTH (c)	SEALANT DEPTH (d)	
	MIN	MAX
1/2	1/4	1/2
3/4	3/8	3/4
1/2	1/2	1/2

9		
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3	100% COMPLETION	7/31/13
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1	25% COMPLETION	11/06/08
Revisions		Date

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Princeton | San Francisco | Seattle | Washington, D.C.

AREA
LOCATION
MAP

SITE
PLAN

Drawing Title
**BRICK AND SHELF ANGLE
REPAIRS AT WINDOWS**

Approved: *Chief of Engineering* Date
Approved: *Director* Date

Project Title
**PHASE 19
V.A. CHICAGO
Medical Center**

Building Number & Floor
**BUILDING 1
ALL FLOORS**

Location
**820 S. DAMEN Ave.
CHICAGO IL - 60612**

Checked: *JEP* Drawn: *SBS*

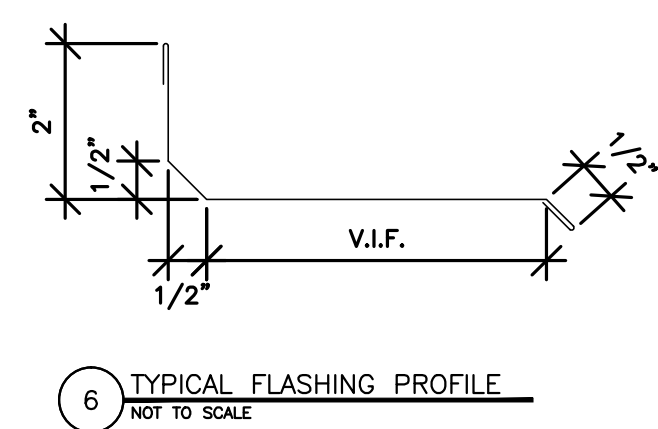
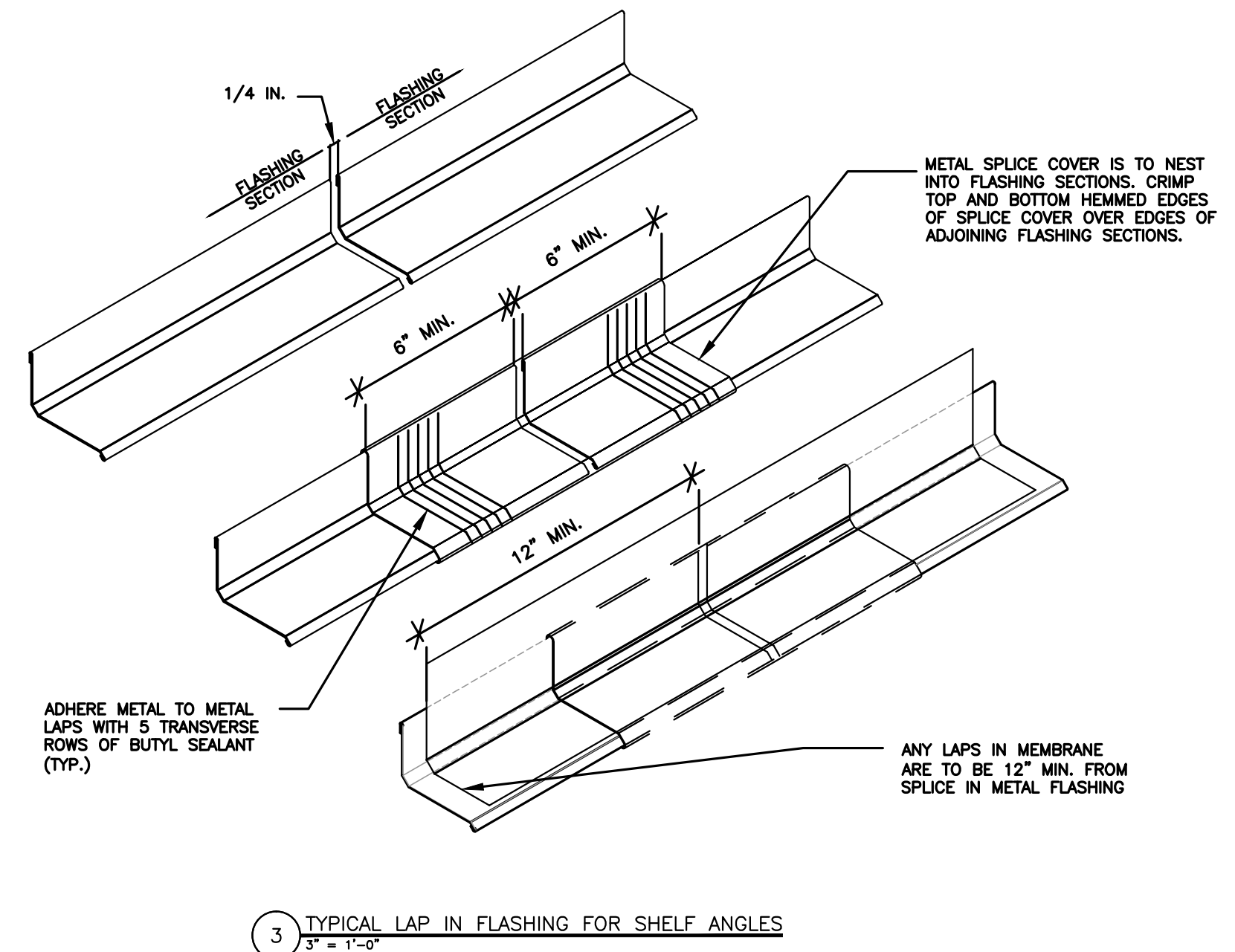
Date
7/31/13

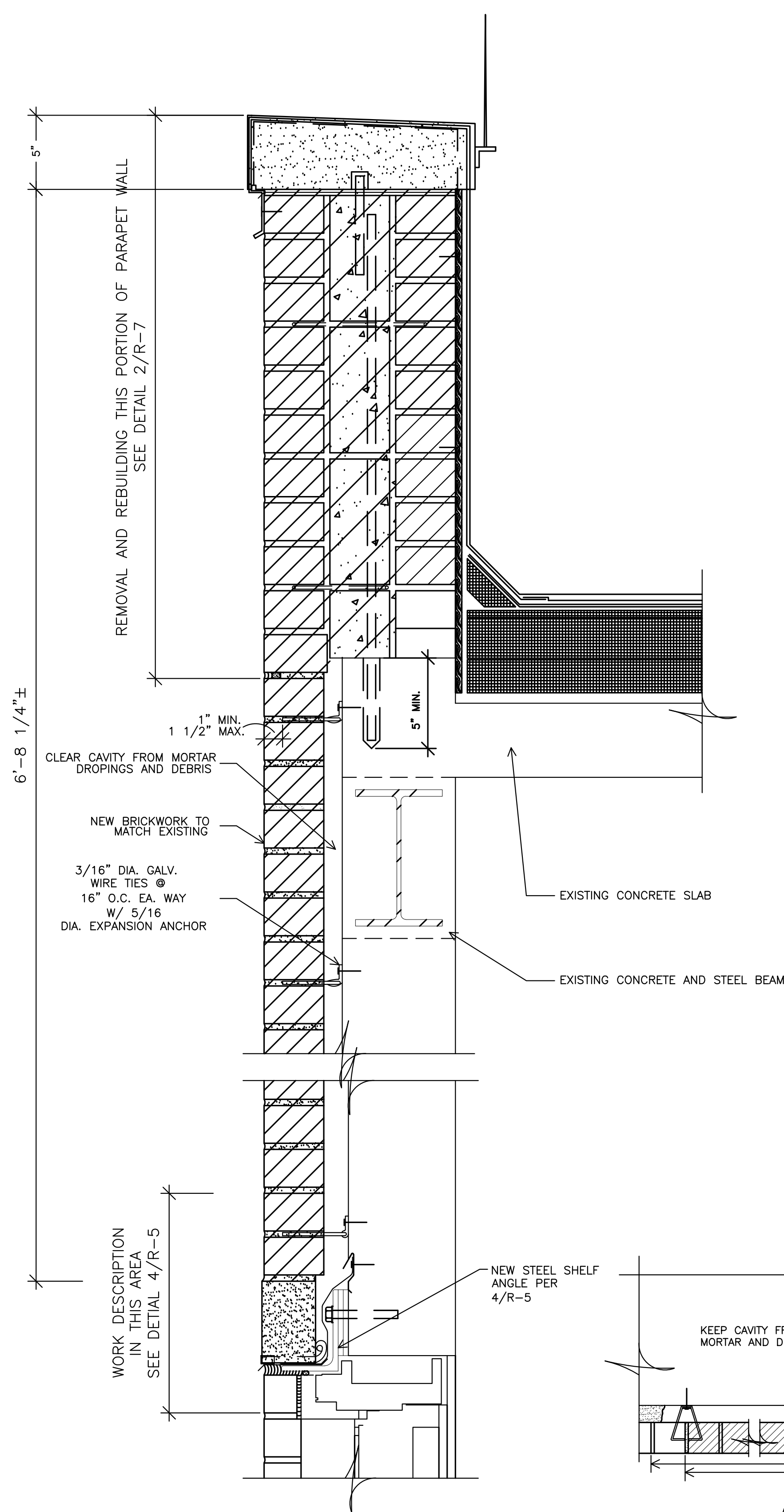
Project No.
(CONSTRUCTION)

DRAWING NO.
R5-19

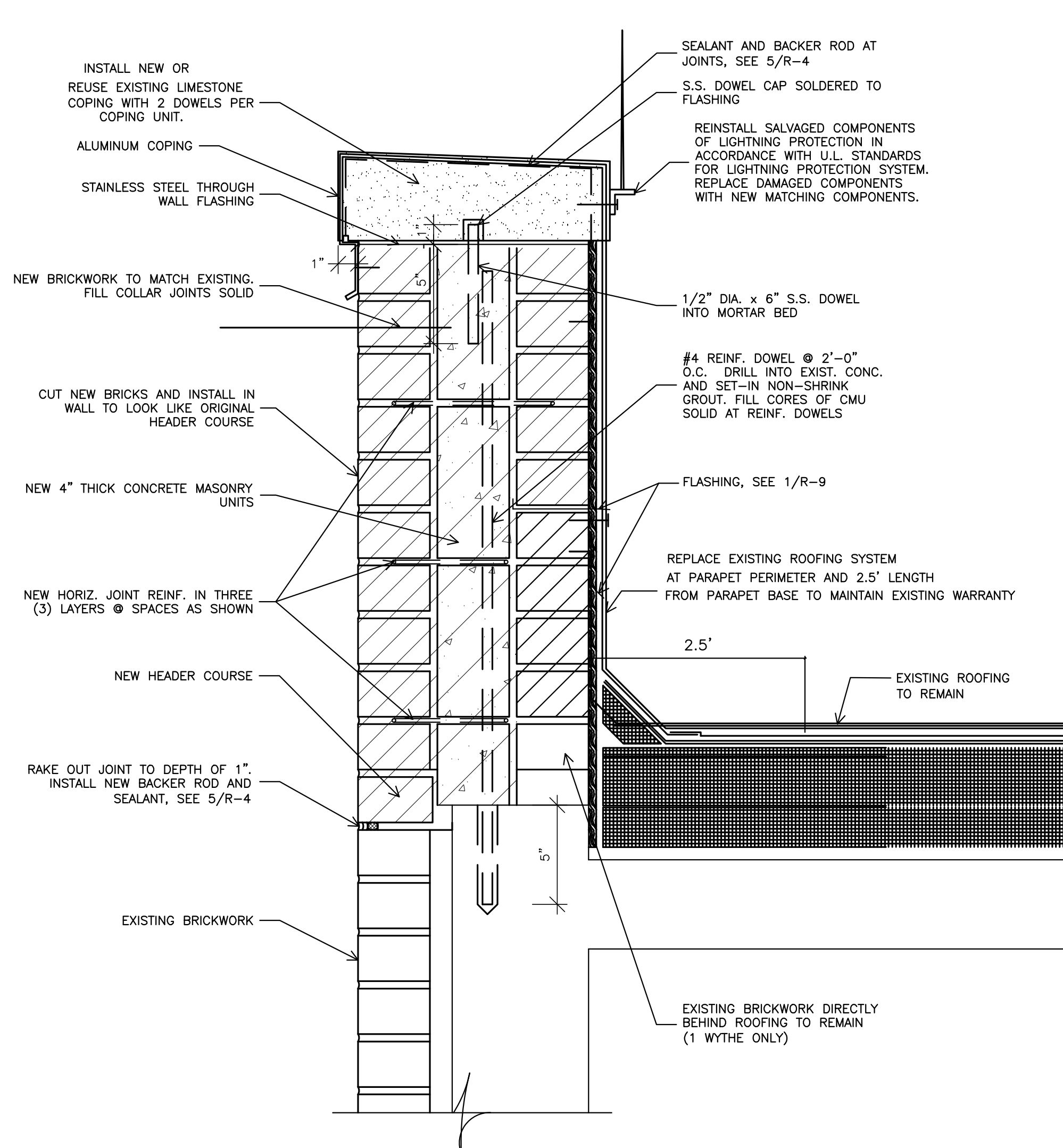
Dwg. 6 of 10

DEPARTMENT OF
VETERANS AFFAIRS

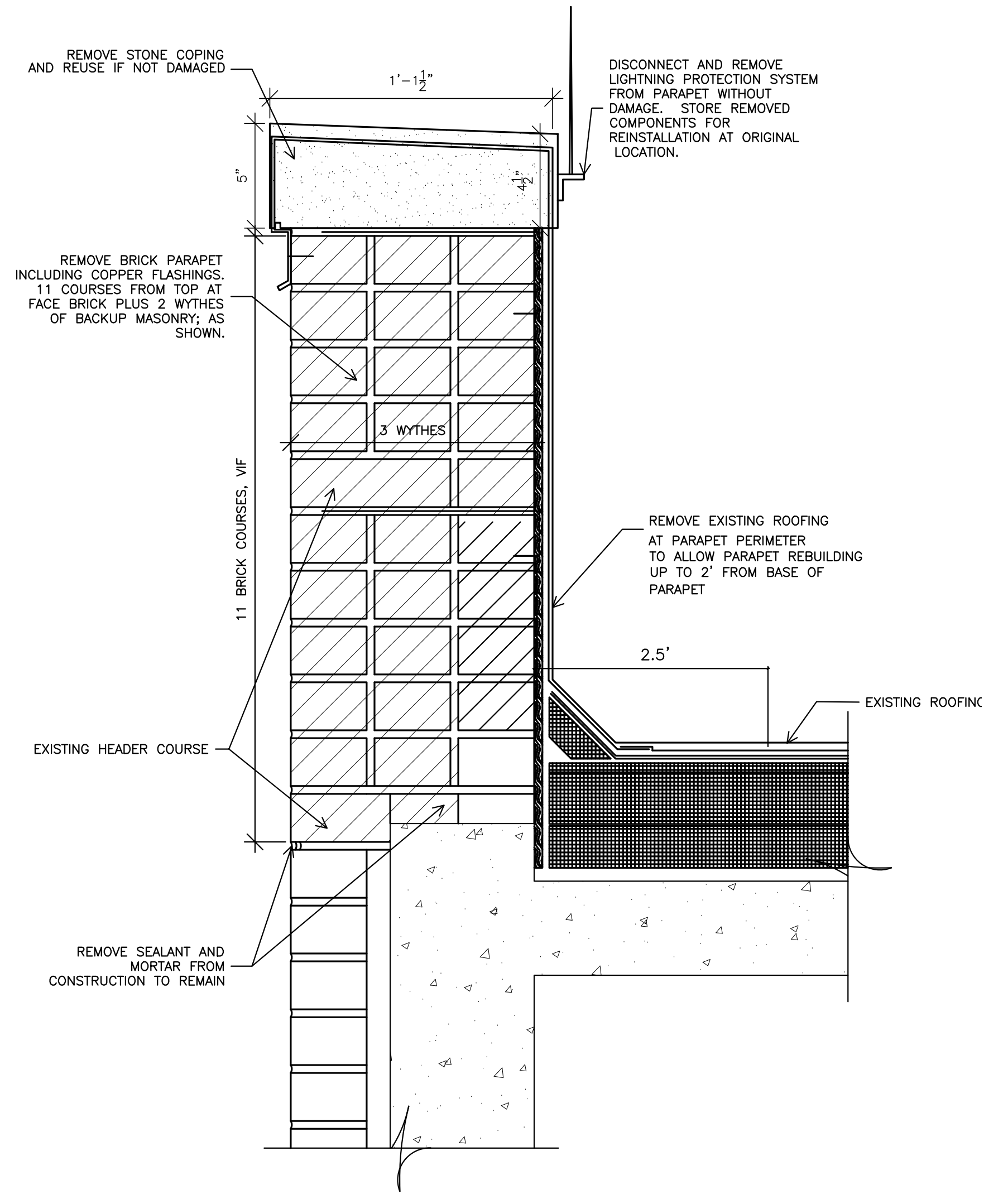
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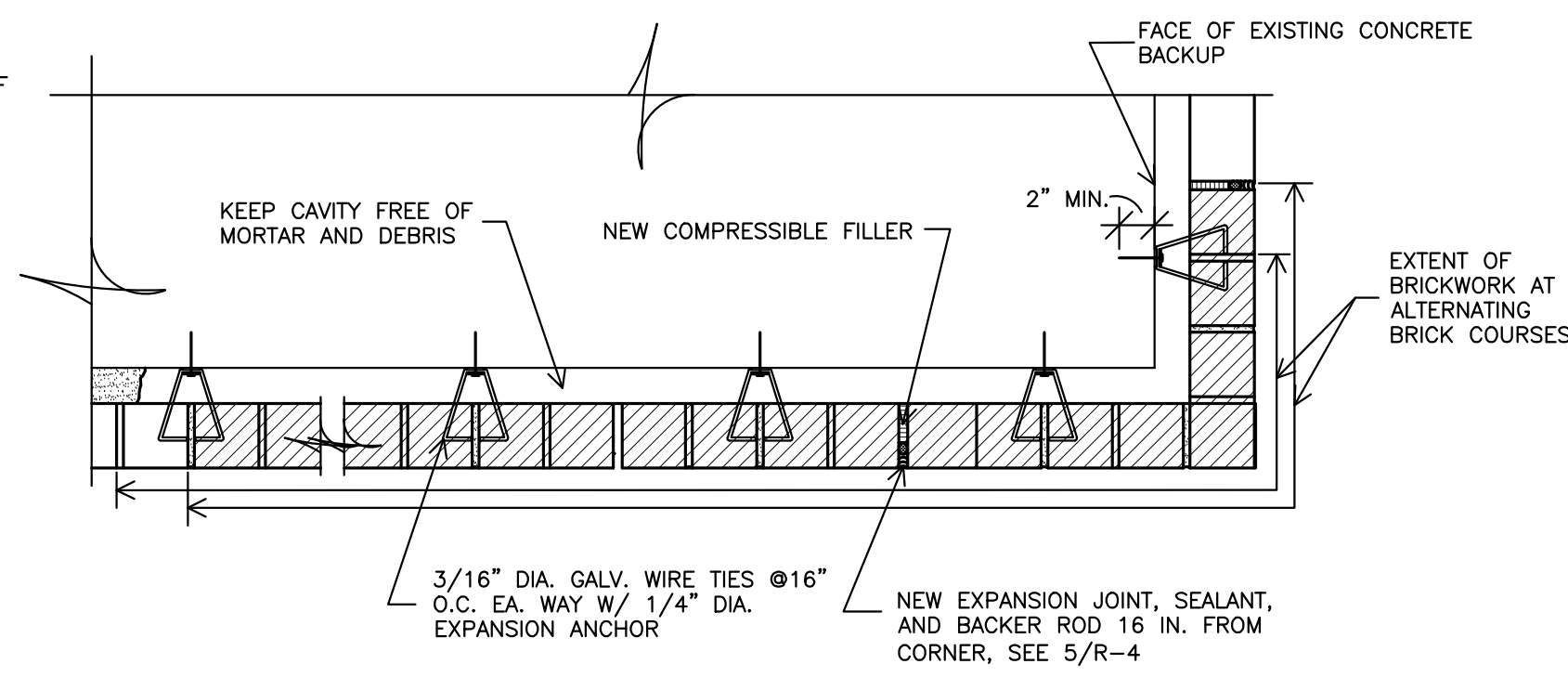
1 SECTION THROUGH PARAPET WALL
3" = 1'-0"



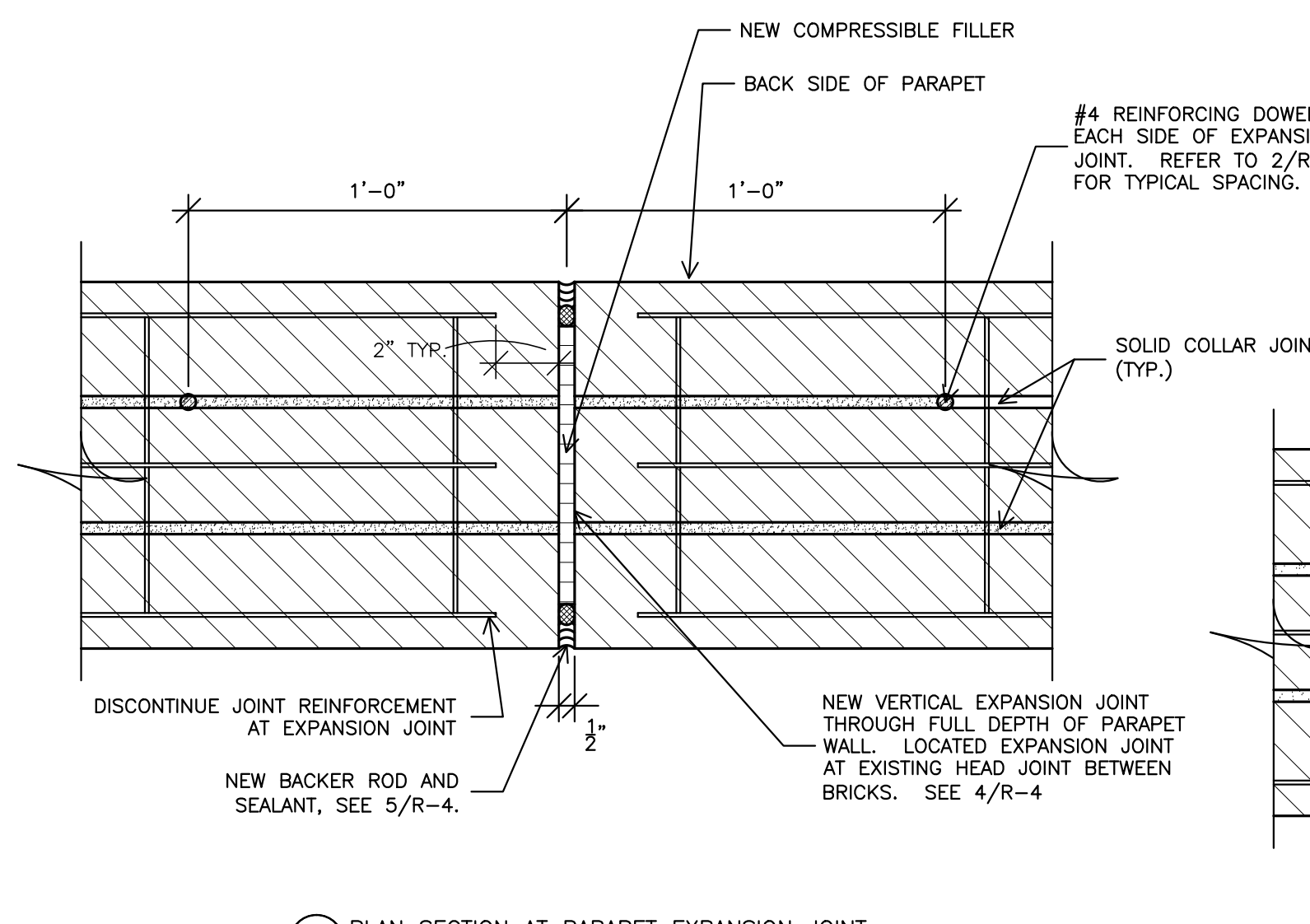
2 SECTION THROUGH NEW PARAPET WALL
3" = 1'-0"



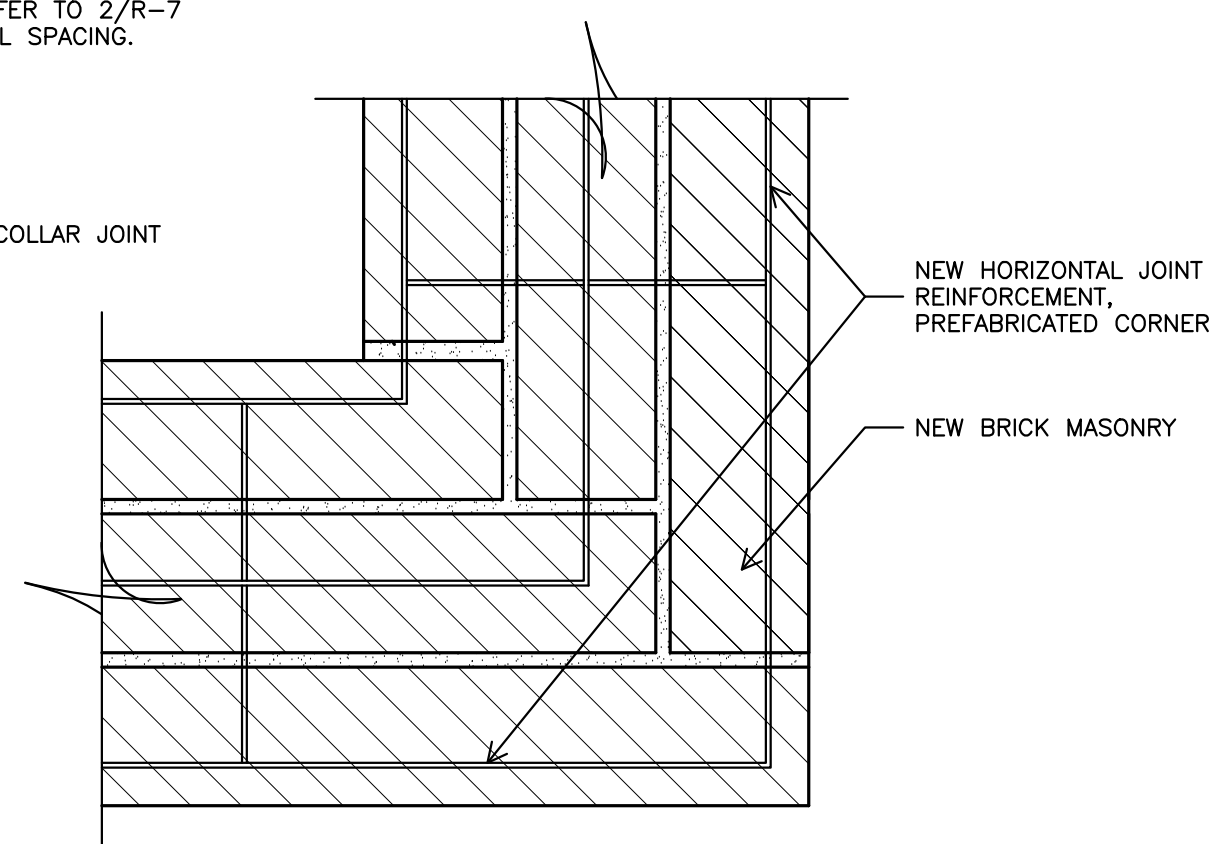
3 DEMOLITION OF EXISTING PARAPET WALL
3" = 1'-0"



4 PLAN SECTION
3" = 1'-0"



5 PLAN SECTION AT PARAPET EXPANSION JOINT
3" = 1'-0"



6 PLAN SECTION AT PARAPET CORNER
3" = 1'-0"

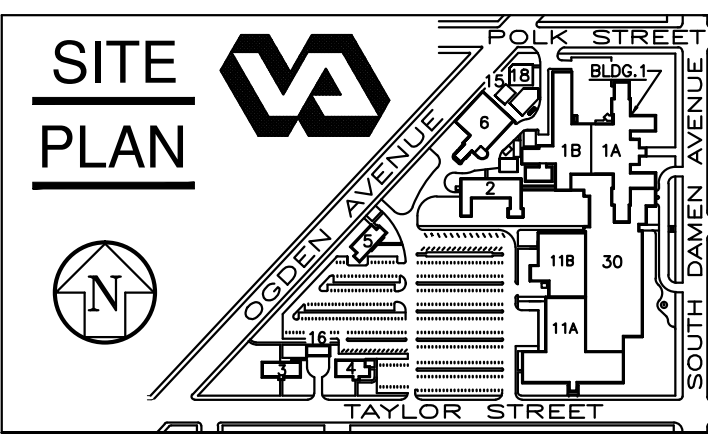
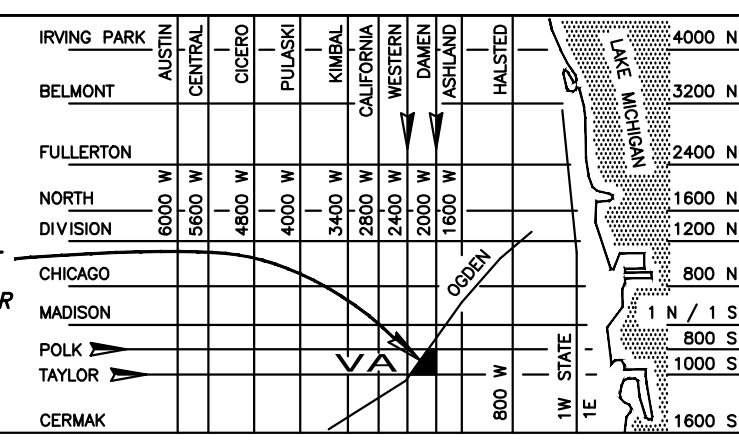
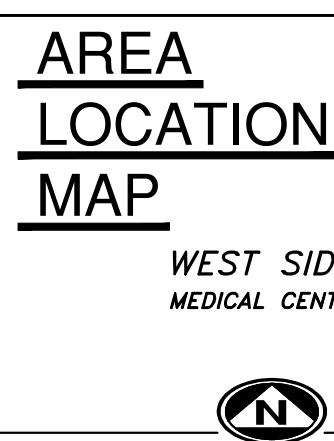
Revisions	Date
9	
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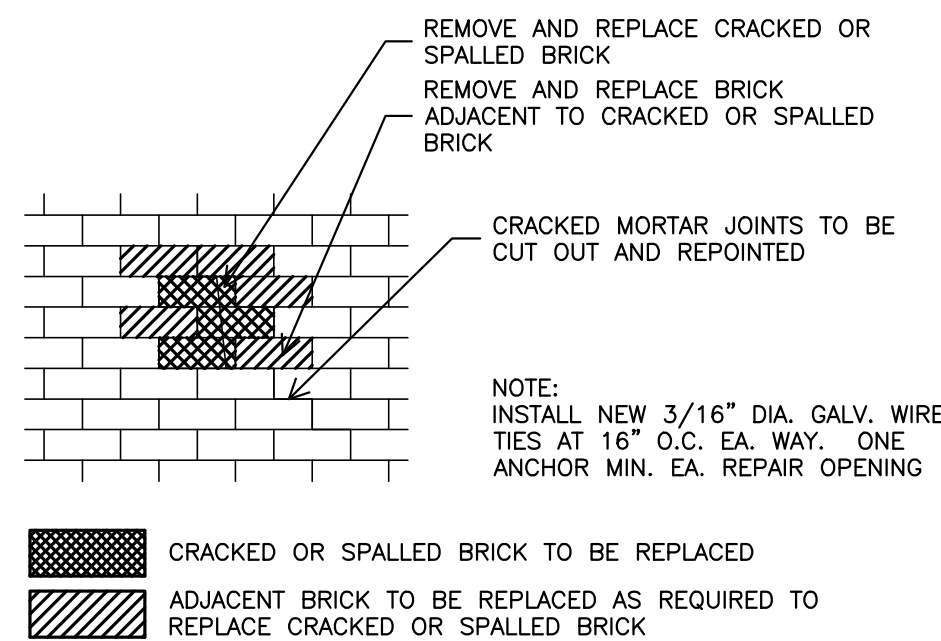
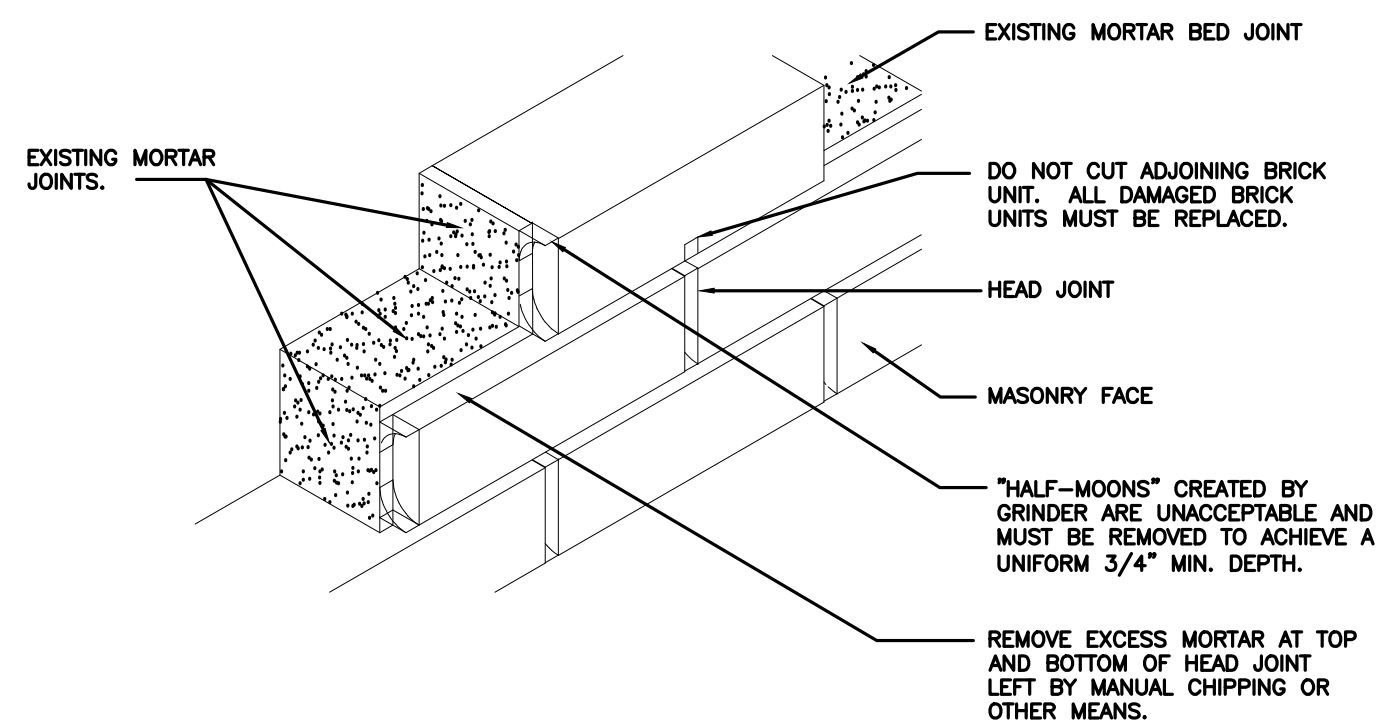
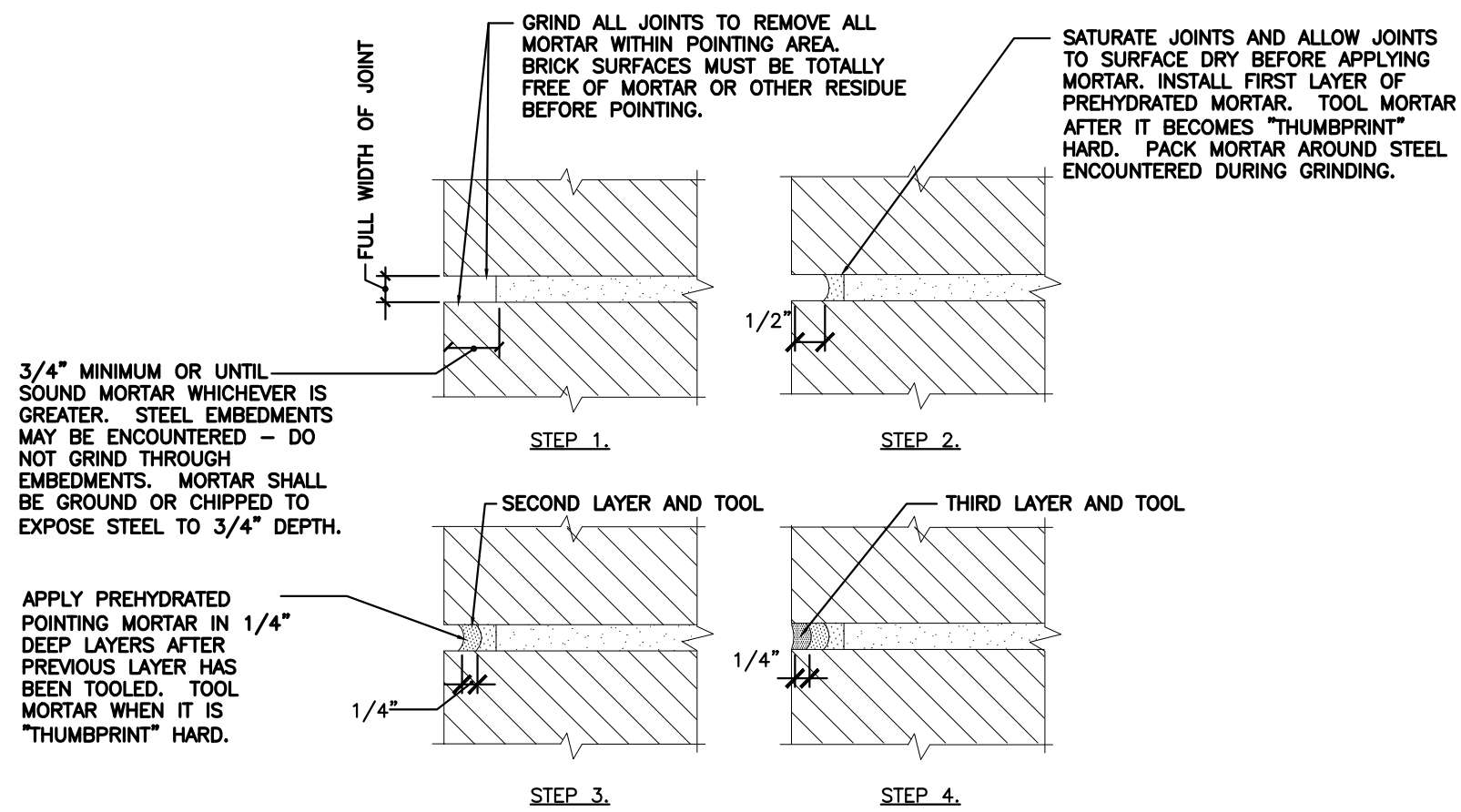
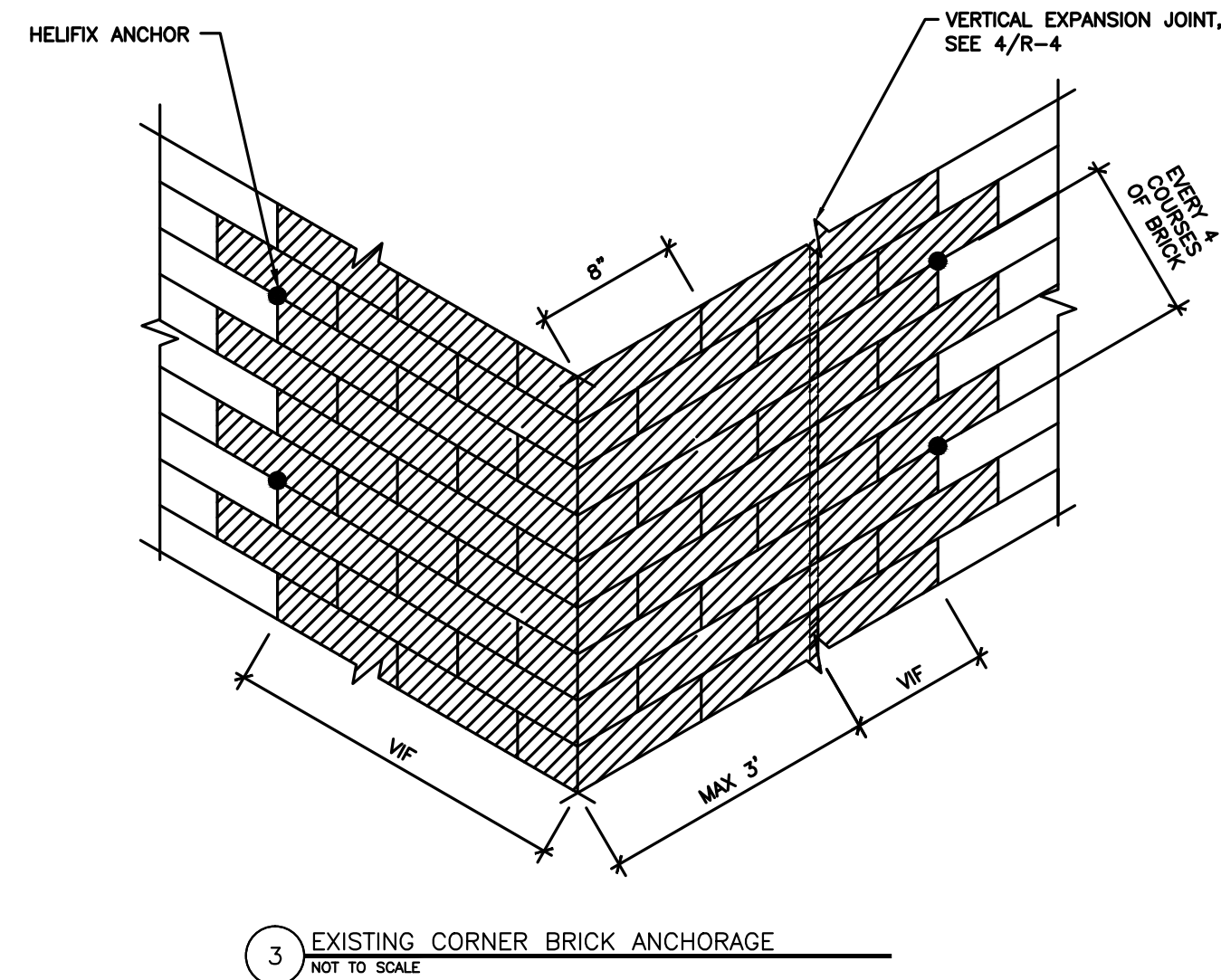
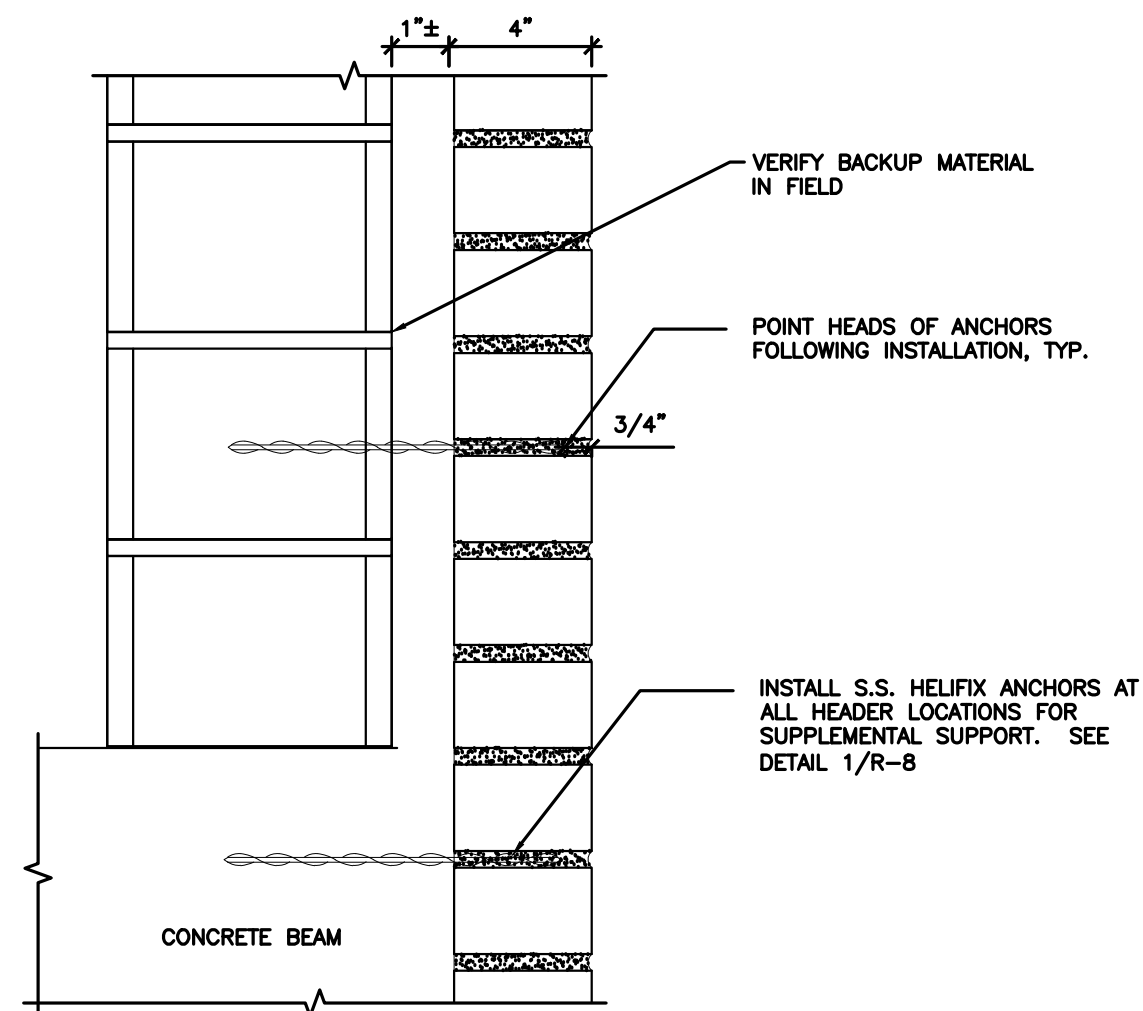
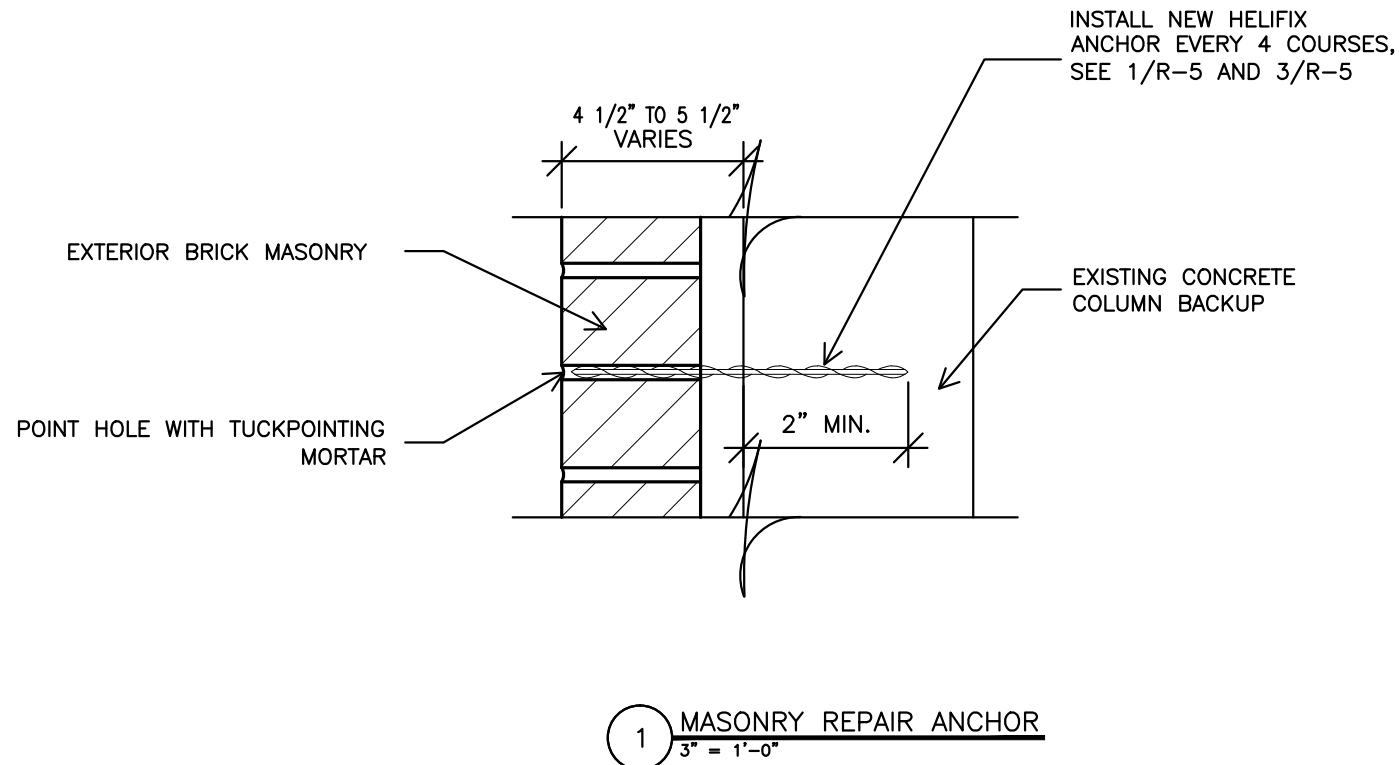
Drawing Title	
PARAPET WALL DETAILS	
Approved: Chief of Engineering	Date
Approved: Director	Date

Project Title	
PHASE 19 V.A. CHICAGO Medical Center	
Building Number & Floor	Checked
BUILDING 1 ALL FLOORS	JEP
Location	Drawn
820 S. DAMEN Ave. CHICAGO IL - 60612	SBS

Date	7/31/13
Project No.	(CONSTRUCTION)
Drawing No.	R7-19
Page	8 of 10

DEPARTMENT OF
VETERANS AFFAIRS

Scale bars and vertical markers (A through F) are located along the left margin of the drawing.



9		
8		
7		
6		
5		
4		
3	100% COMPLETION	7/31/13
2	95% COMPLETION	1/21/09
1	25% COMPLETION	11/06/08
Revisions		Date

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Honolulu | Houston | Los Angeles | Minneapolis | New Haven | New York
Princeton | San Francisco | Seattle | Washington, D.C.

AREA LOCATION MAP

SITE PLAN

Drawing Title
MISCELLANEOUS REPAIR DETAILS

Approved: *Chief of Engineering* Date
Approved: *Director* Date

Project Title
**PHASE 19
V.A. CHICAGO
Medical Center**

Building Number & Floor
**BUILDING 1
ALL FLOORS**

Location
**820 S. DAMEN Ave.
CHICAGO IL - 60612**

Checked: *JEP* Drawn: *SBS*

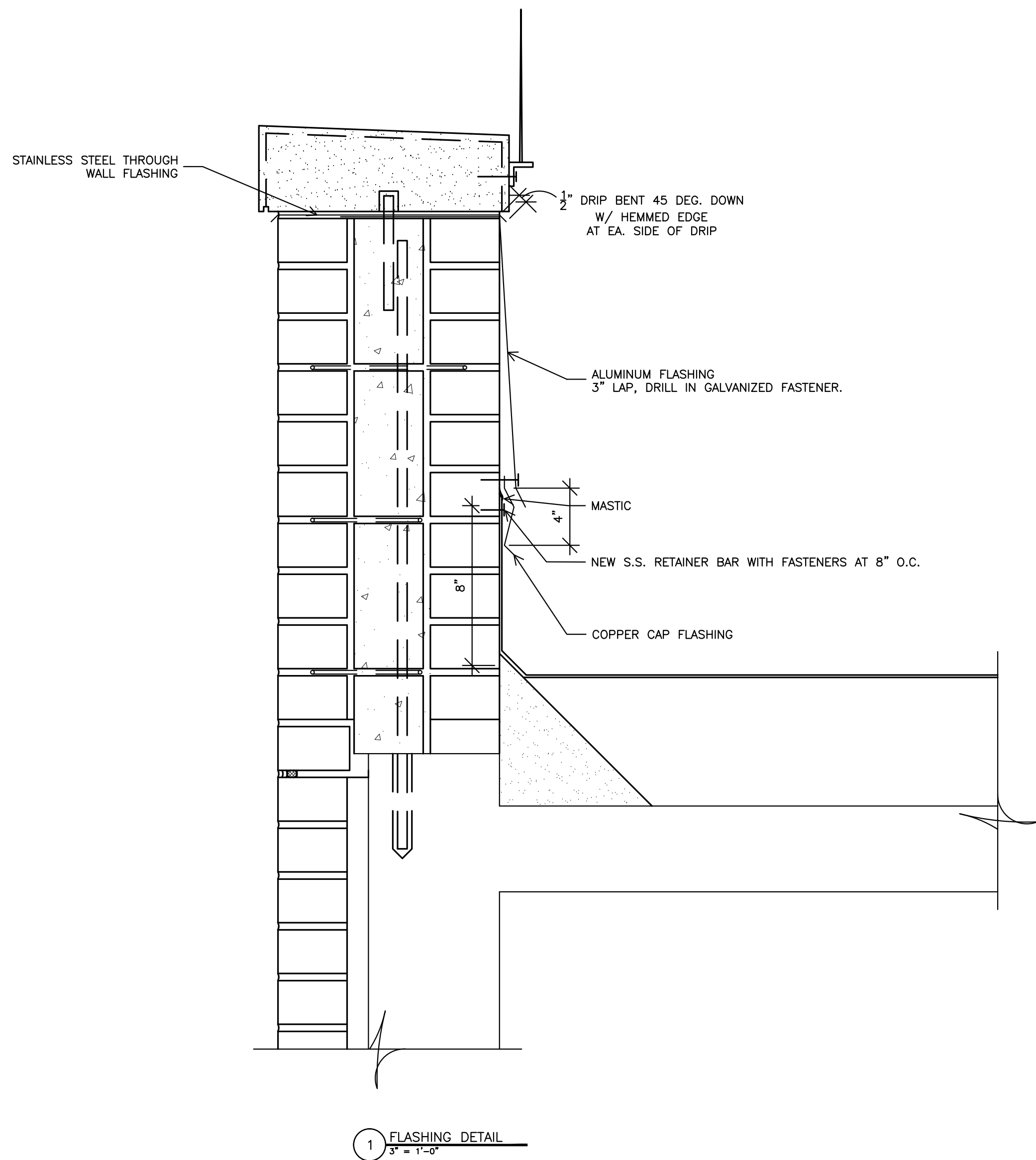
Date
7/31/13

Project No.
(CONSTRUCTION)

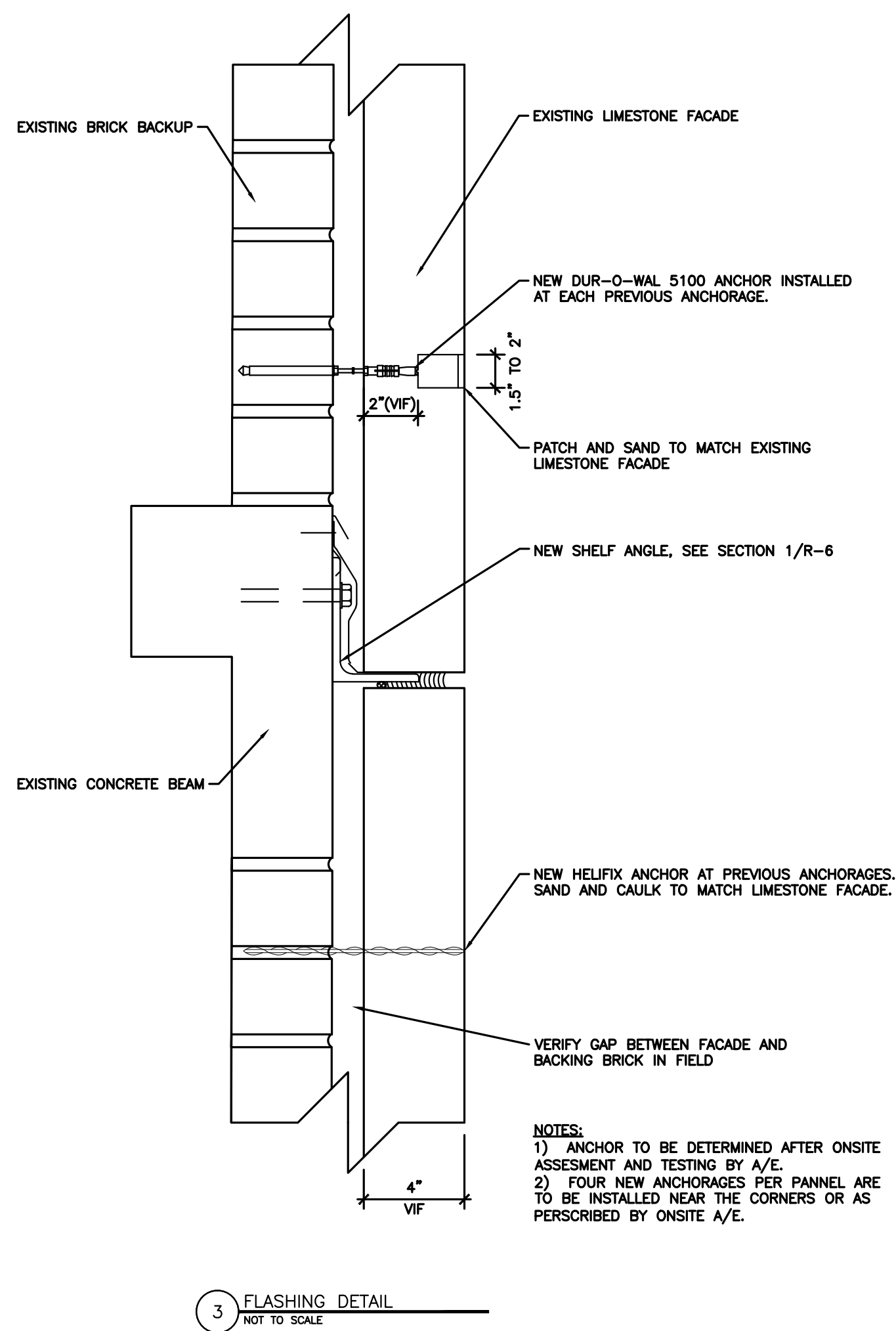
DRAWING NO.
R8-19
Dwg. 9 of 10

DEPARTMENT OF
VETERANS AFFAIRS

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



1 FLASHING DETAIL
3" = 1'-0"



3 FLASHING DETAIL
NOT TO SCALE

NOTES:
1) ANCHOR TO BE DETERMINED AFTER ONSITE ASSESSMENT AND TESTING BY A/E.
2) FOUR NEW ANCHORAGES PER PANNEL ARE TO BE INSTALLED NEAR THE CORNERS OR AS PERSCRIBED BY ONSITE A/E.

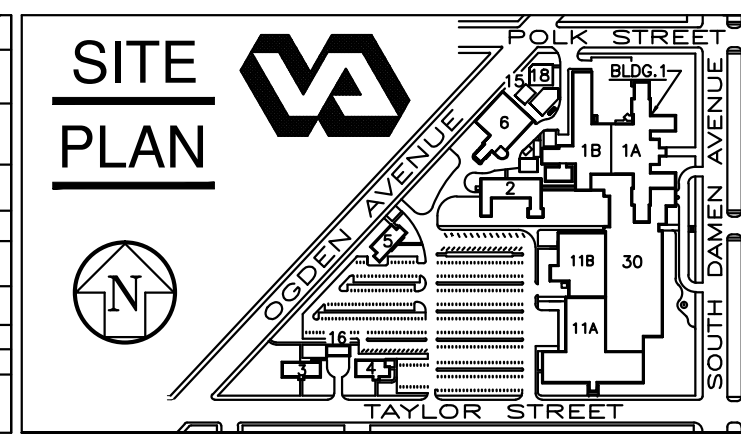
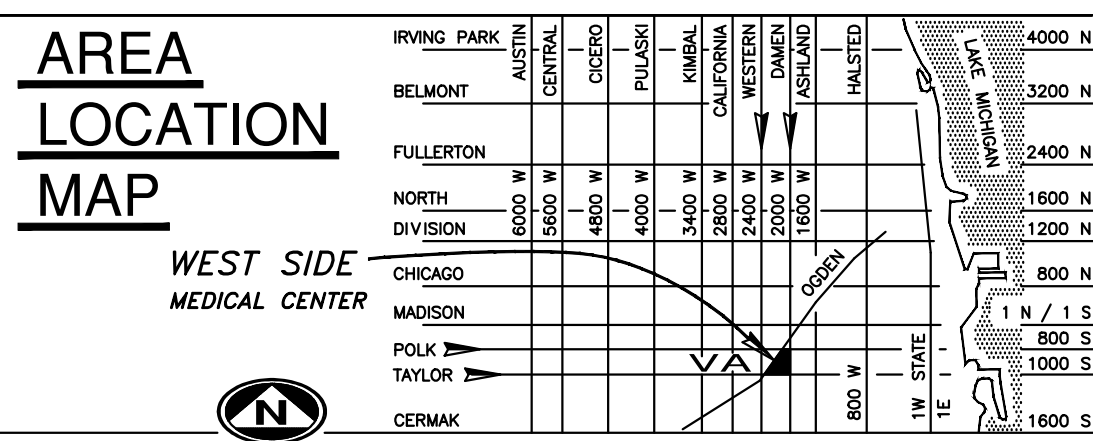
Revisions	Date
9	
8	
7	
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3	100% COMPLETION 7/31/13
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1	25% COMPLETION 11/06/08

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Drawing Title	MISCELLANEOUS REPAIR DETAILS		Project Title	PHASE 19 V.A. CHICAGO Medical Center		Date	7/31/13	
Approved: Chief of Engineering	Date		Building Number & Floor	Checked	Drawn	Project No.	(CONSTRUCTION)	
Approved: Director	Date		BUILDING 1 ALL FLOORS	JEP	SBS	DRAWING NO.	R9-19	
			Location	820 S. DAMEN Ave. CHICAGO IL - 60612		Dwg. 10 of 10		

DEPARTMENT OF VETERANS AFFAIRS