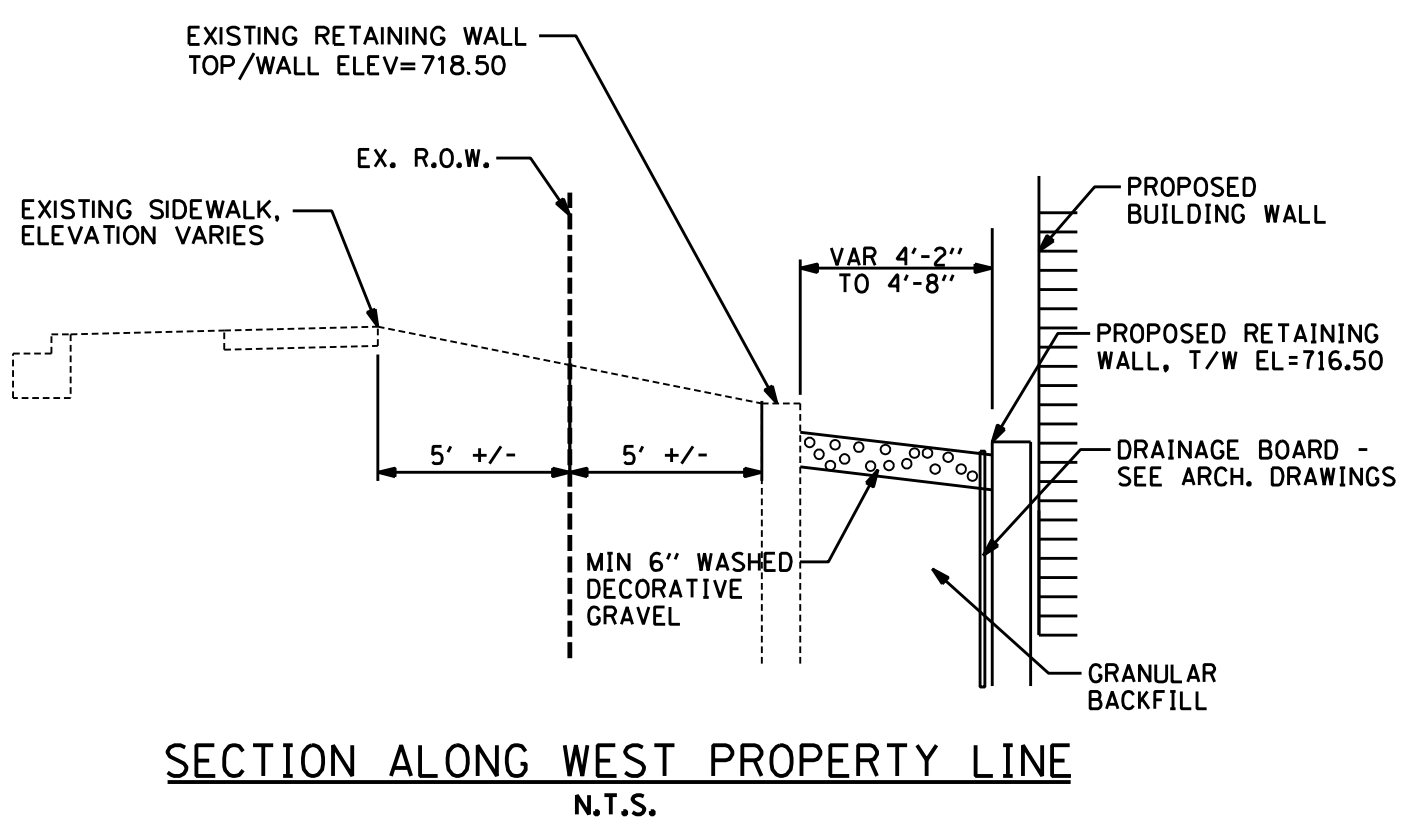
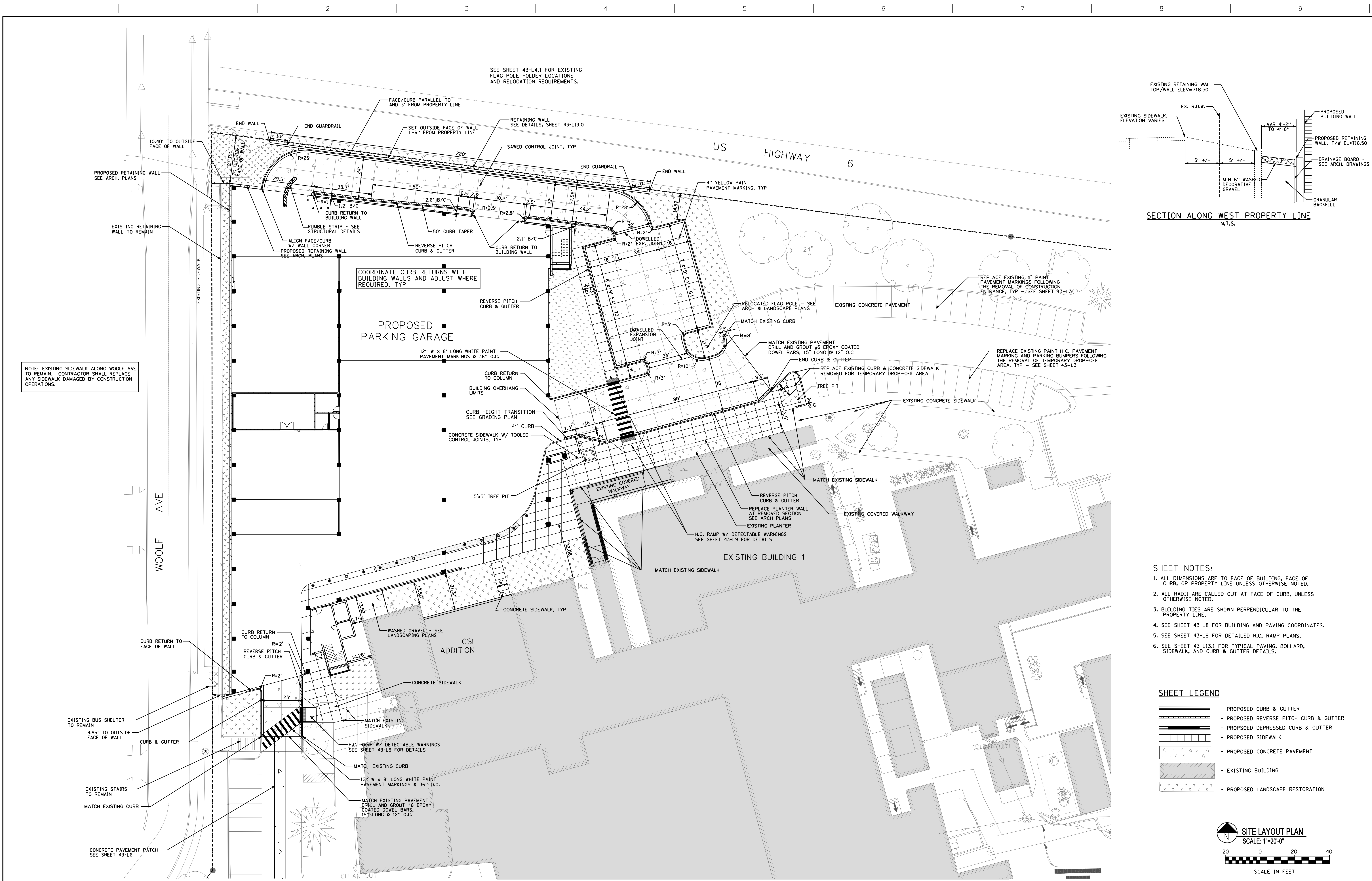
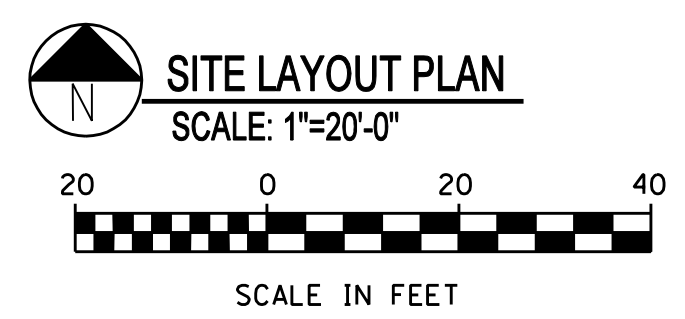


three inches = one foot
one and one half inches = one foot
one inch = one foot
three quarters inch = one foot
one half inch = one foot
three eighths inch = one foot
one quarter inch = one foot
one eighth inch = one foot



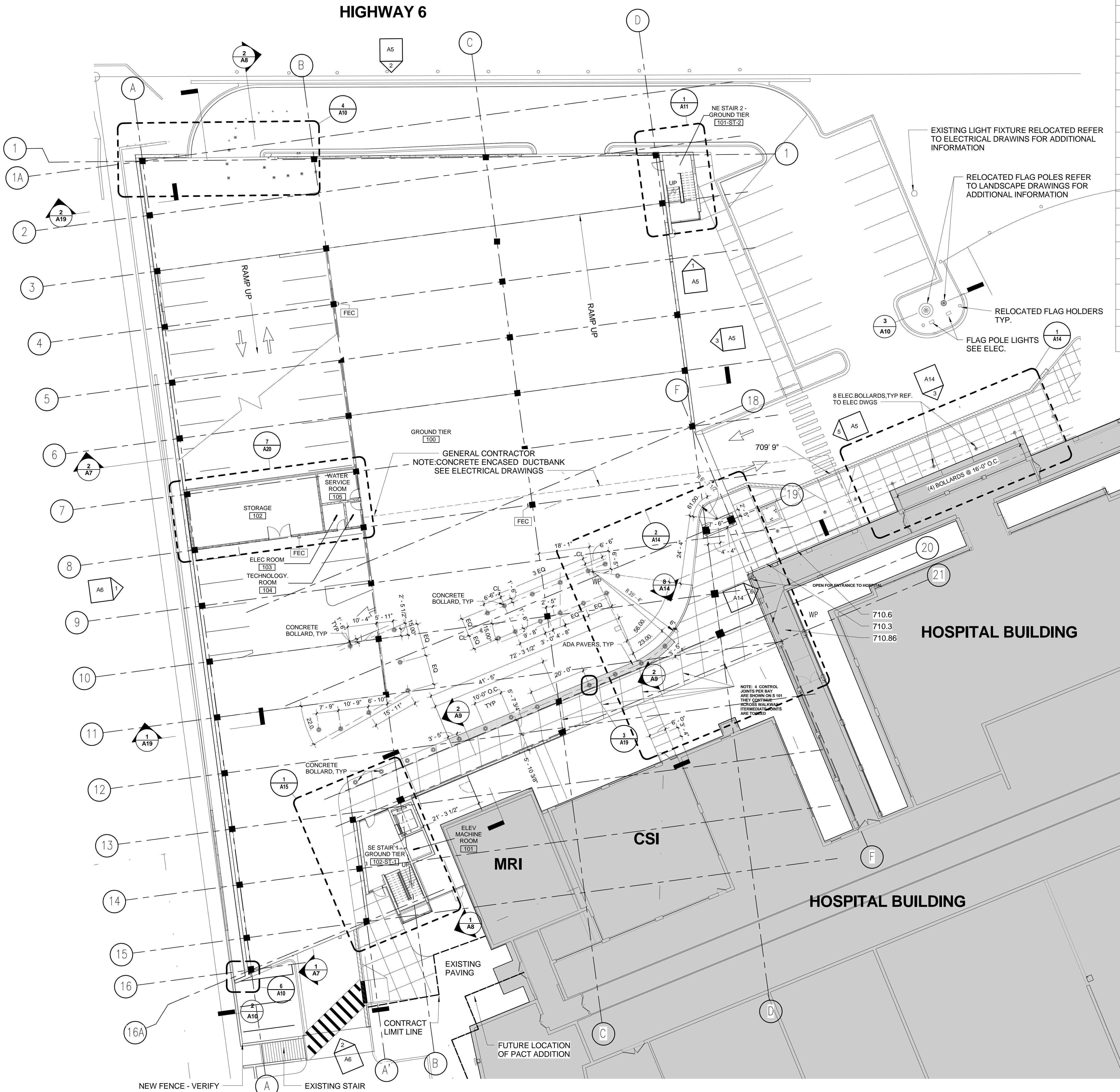
- SHEET NOTES:**
1. ALL DIMENSIONS ARE TO FACE OF BUILDING, FACE OF CURB, OR PROPERTY LINE UNLESS OTHERWISE NOTED.
 2. ALL RADII ARE CALLED OUT AT FACE OF CURB, UNLESS OTHERWISE NOTED.
 3. BUILDING TIES ARE SHOWN PERPENDICULAR TO THE PROPERTY LINE.
 4. SEE SHEET 43-L8 FOR BUILDING AND PAVING COORDINATES.
 5. SEE SHEET 43-L9 FOR DETAILED H.C. RAMP PLANS.
 6. SEE SHEET 43-L13.1 FOR TYPICAL PAVING, BOLLARD, SIDEWALK, AND CURB & GUTTER DETAILS.

- SHEET LEGEND**
- PROPOSED CURB & GUTTER
 - PROPOSED REVERSE PITCH CURB & GUTTER
 - PROPOSED DEPRESSED CURB & GUTTER
 - PROPOSED SIDEWALK
 - PROPOSED CONCRETE PAVEMENT
 - EXISTING BUILDING
 - PROPOSED LANDSCAPE RESTORATION



																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					</
--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	----

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



1 GROUND TIER PLAN
1/16" = 1'-0"

FINISH LEGEND

MANUFACTURERS SELECTED BY CONTRACTOR MUST MATCH THE FOLOWINGS COLORS		
EXTERIOR CONCRETE SURFACES	COLOR: SW 7036 ACCESSIBLE BEIGE	P-1
ALUMINUM STORE FRONT AND CURTAINWALL	COLOR: DARK BRONZE ANODIZING	
WIND BRACES AT STAIR CURTAIN WALLS	COLOR: SW 7048 URBANE BRONZE	P-2
ALUMINUM COMPOSITE PANELS	COLOR: SW 7048 URBANE BRONZE	
SCUPPERS AND DOWNSPOUTS	COLOR: SW 7048 URBANE BRONZE	P-2
HOLLOW METAL DOORS AND FRAMES	COLOR: SW 7048 URBANE BRONZE	P-2
HANDRAILS AND GUARDRAILINGS EXTERIOR AND INTERIOR	COLOR: SW 7048 URBANE BRONZE	P-2
INTERIOR WALLS - STORAGE ROOMS STAIRS AND ELEVATOR LOBBY	COLOR: SW 7037 BALANCED BEIGE	P-3
ELEVATOR ACCENT WALL - GROUND TIER	COLOR: SW 6634 COPPER HARBOR	P-4
ELEVATOR ACCENT WALL - SECOND TIER	COLOR: SW 6452 INLAND	P-5
ELEVATOR ACCENT WALL - THIRD TIER	COLOR: SW 6374 TORCHLIGHT	P-6
ELEVATOR ACCENT WALL - FOURTH TIER	COLOR: SW 6516 DOWN POUR	P-7
ELEVATOR INTERIOR WALL PANELS	COLOR: WILSONART 4842-60 CANYON ZEPHER	PL-1
ELEVATOR FLOOR RUBBER	PATTERN: SCULPTED, COLOR 10 SHALE GRAY	
SIGNAGE		
DIRECTIONAL SIGNS	BACKGROUND (SW7048 URBANE BRONZE) - LETTERS (WHITE)	---
FIRE EXTINGUISHER	BACKGROUND (RED) - LETTERS (WHITE)	---
EMERGENCY PHONES	BACKGROUND (WHITE) - LETTERS (RED) - PHONE (RED)	---

CONSTRUCTION PLAN SYMBOLS

	NEW DOOR AND FRAME
	EXISTING DOOR TO REMAIN
	NEW WALL SEE PARTITION TYPE TAGS AND DETAILS
	EXISTING WALL
	1 HOUR RATED PARTITION
	2 HOUR RATED PARTITION
	PARTITION TYPE TAG
	DOOR TAG
	NEW COLUMN GRID LINE
	EXISTING COLUMN GRID LINE
	ELEVATION MARKER
	EXIT SIGN
	NO WORK IN EXISTING AREA

REFER TO STRUCTURAL DRAWINGS FOR COLUMN GRID DIMENSIONS

REFER TO ARCHITECTURAL ELEVATIONS AND SECTIONS FOR LOCATIONS OF MASONRY OPENINGS WITHIN CONTEXT OF ENTIRE ELEVATION

REFER TO STRUCTURAL DRAWINGS FOR STRIPING LAYOUT AND DIMENSIONS

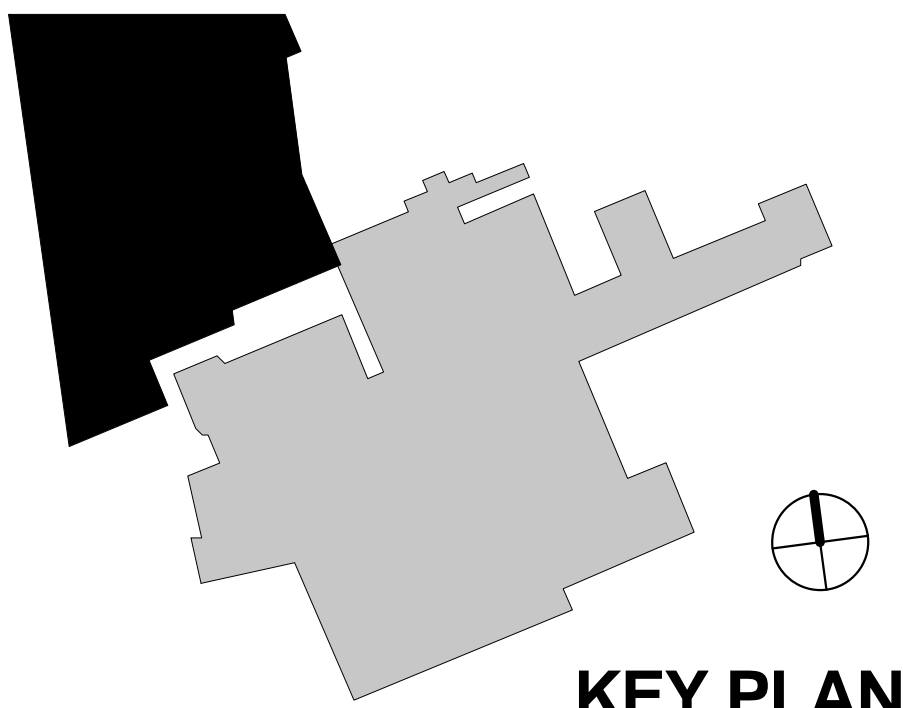
REFER TO STRUCTURAL DRAWINGS FOR SIGNAGE, SIGNAGE SCHEDULE AND GRAPHIC DETAILS FOR SIGNAGE

ALL EXPOSED PIPES IN STRUCTURE TO RECEIVE PIPE GUARD. REFER TO PLUMBING DRAWINGS FOR PIPE LOCATIONS. REFER TO STRUCTURE DRAWINGS FOR PIPE GUARD DETAIL

REFER TO SPECIFICATION SECTION 09 06 00 FOR ROOM FINISH SCHEDULE

CONSTRUCTION KEYNOTES

- NEW SITE CONSTRUCTION TO BLEND AND TIE INTO EXISTING SITE CONSTRUCTION
- EDGE OF CANOPY ABOVE
- EXISTING RETAINING WALL
- REFER TO LANDSCAPE & CIVIL DRAWINGS FOR ADDITIONAL SITE INFORMATION, PAVING & PLANTED AREAS
- EXISTING BOLLARD TO REMAIN
- EXISTING CURB TO REMAIN
- ADD RAILING TO MATCH EXISTING RAILING OF STAIR
- EXISTING PAVING AND STRIPING VERIFY WITH CIVIL STAGING AREA FOR CONSTRUCTION
- BOLLARDS SPACED MAXIMUM OF 6' - 0" O.C.
- LIGHT BOLLARD; SEE ELECTRICAL DRAWINGS FOR TYPE
- ACCESS GATE AND FENCE
- REMOVABLE BOLLARDS TO ALLOW FOR SITE ACCESS
- REFER TO CIVIL DRAWINGS FOR CURB RADIUS AND DRIVE LANE LAYOUT AND STAGING AREA FOR CONSTRUCTION
- EDGE OF PARKING STRUCTURE ABOVE
- PAVED WALKWAY TO TIE INTO CSI BUILDING EGRESS WALKWAY
- SEE LANDSCAPE AND CIVIL FOR PLANTED AREA
- RESTRICTED AREA
- CURB CUT; REFER TO CIVIL
- EXISTING PLANTER TO REMAIN
- FOR LIMITS OF SITE WORK REFER TO CIVIL DRAWINGS
- CONTRACTOR TO REPLACE ALL EXISTING FLAGPOLE HOLDERS IN KIND INCLUDING CONCRETE ENCASUREMENT IF DISTURBED DURING CONSTRUCTION. COORDINATE WITH VA PROJECT MANAGER



KEY PLAN

CONSULTANTS/ENGINEERS:

KJWW ENGINEERING CONSULTANTS
Mechanical/Electrical/Plumbing Engineer
623 26TH AVENUE
ROCK ISLAND, ILLINOIS 61201
309.788.0673 Telephone
309.786.5967 Fax

TERRACON
Geotechnical Engineer
2640 12TH STREET SW
CEDAR RAPIDS, IOWA 52404
319.366.8321 Telephone
319.366.0032 Fax

GRAEF
Civil Engineer/Landscape Architect
332 SOUTH MICHIGAN, SUITE 1400
CHICAGO, ILLINOIS 60604-4267
312.582.2020 Telephone
312.939.7014 Fax

WALKER PARKING CONSULTANTS
Structural Engineer
505 DAVIS ROAD
ELGIN, ILLINOIS 60123
847.697.2640 Telephone
847.697.7439 Fax

FAITHFUL + GOULD
Cost Management
222 SOUTH RIVERSIDE PLAZA, SUITE 2240
CHICAGO, ILLINOIS 60606
312.612.6319 Telephone
312.655.9037 Fax

ARCHITECT:

Loebi Schlossman & Hackl
Architecture • Planning • Interiors

233 North Michigan Avenue
Suite 3000
Chicago, Illinois 60601

312.565.1800 Telephone
312.565.5912 Facsimile
www.lshdesign.com

Drawing Title	GROUND TIER PLAN
Approved: Project Director	Iowa City VA Healthcare System Department of Veterans Affairs Medical Center

Project Title	400 CAR PARKING GARAGE
Location	IOWA CITY, IA
Date	05/30/2013
Checked	PS/JP
Drawn	LR

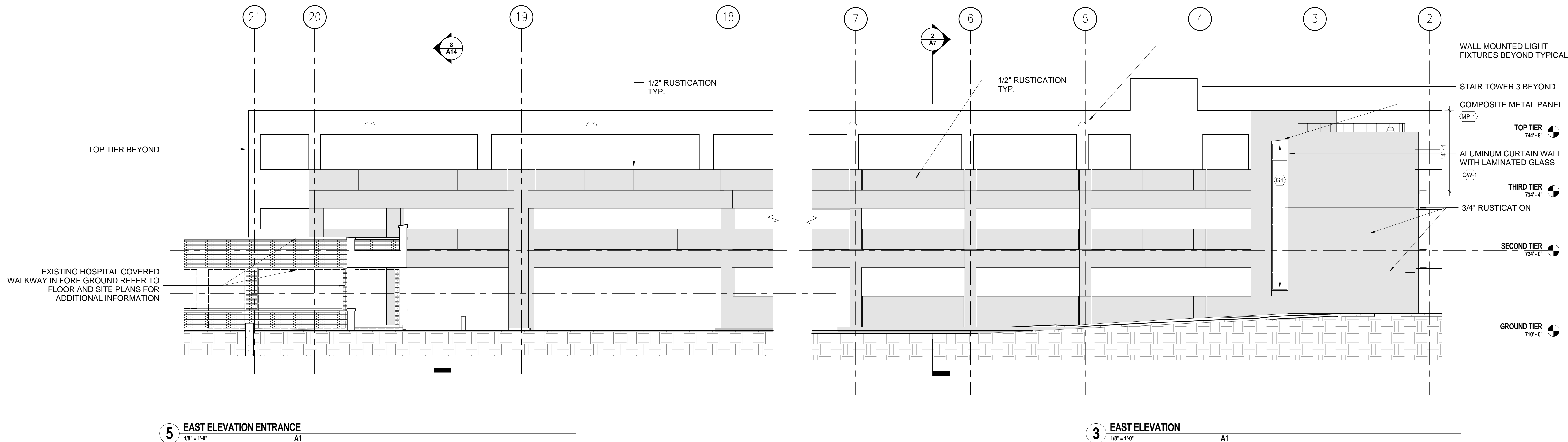
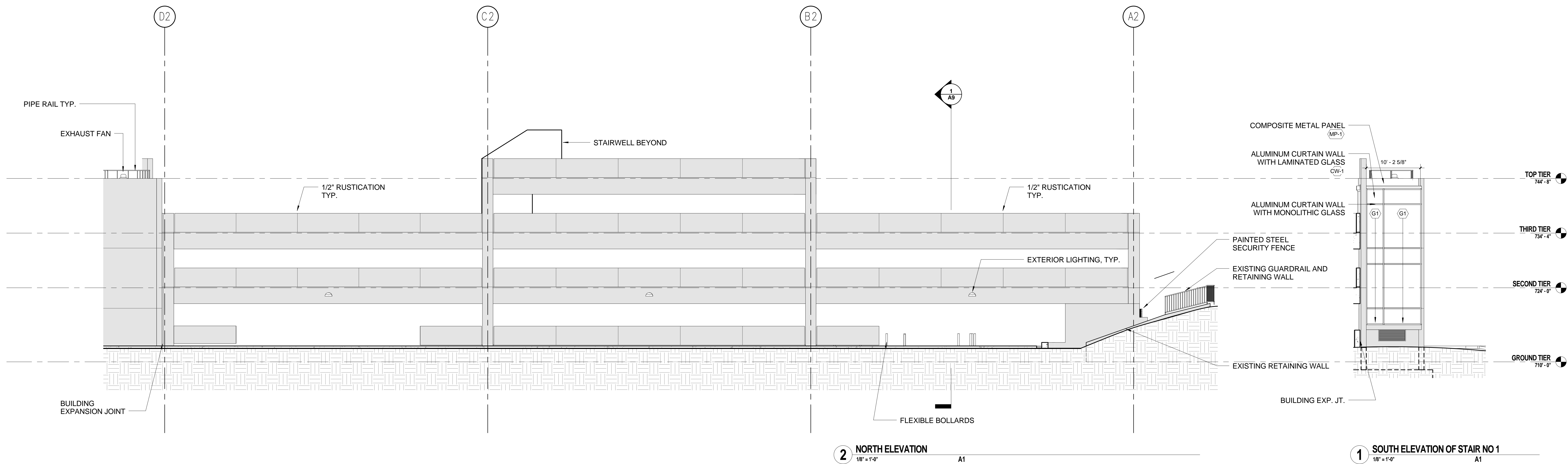
Project Number	636-402
Building Number	43
Drawing Number	A1
Dwg	29 of 152

Office of
Construction
and Facilities
Management



ELEVATION NOTES

ALL EXTERIOR EXPOSED CAST IN PLACE CONCRETE WILL BE STAINED (P-1)



CONSULTANTS/ENGINEERS:

KJWW ENGINEERING CONSULTANTS
Mechanical/Electrical/Plumbing Engineer
633 26TH AVENUE
ROCK ISLAND ILLINOIS 61201
309.788.0673 Telephone
309.786.5967 Fax

TERRACON
Geotechnical Engineer
2640 12TH STREET SW
CEDAR RAPIDS, IOWA 52404
319.366.8321 Telephone
319.366.0032 Fax

GRAEF
Civil Engineer/Landscape Architect
332 SOUTH MICHIGAN, SUITE 1400
CHICAGO, ILLINOIS 60604-4507
312.582.2020 Telephone
312.939.7014 Fax

WALKER PARKING CONSULTANTS
Structural Engineer
505 DAVIS ROAD
ELGIN, ILLINOIS 60123
847.697.2640 Telephone
847.697.7439 Fax

FAITHFUL+GOULD
Cost Management
222 SOUTH RIVERSIDE PLAZA, SUITE 2240
CHICAGO, ILLINOIS 60606
312.612.6319 Telephone
312.655.9037 Fax

ARCHITECT:

Loebl Schlossman & Hackl
Architecture • Planning • Interiors

233 North Michigan Avenue
Suite 3000
Chicago, Illinois 60601

312.565.1800 Telephone
312.565.5912 Facsimile
www.lshdesign.com

Drawing Title

EXTERIOR ELEVATIONS

Approved: Project Director

Iowa City VA Healthcare System
Department of Veterans Affairs Medical Center

Project Title

400 CAR PARKING GARAGE

Location

IOWA CITY, IA

Date

05/30/2013

Checked

PS/JP

Drawn

DM

Project Number

636-402

Building Number

43

Drawing Number

A5

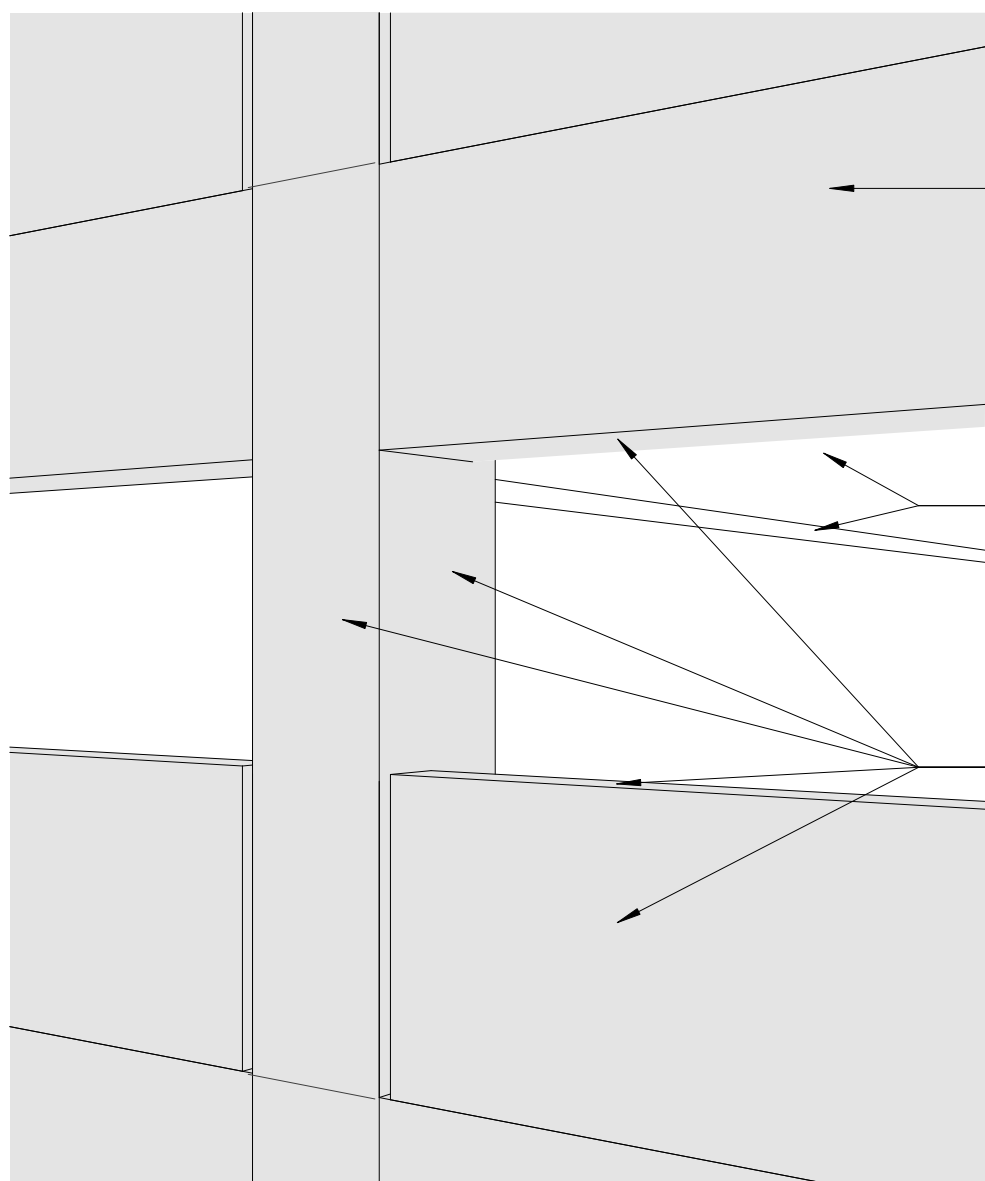
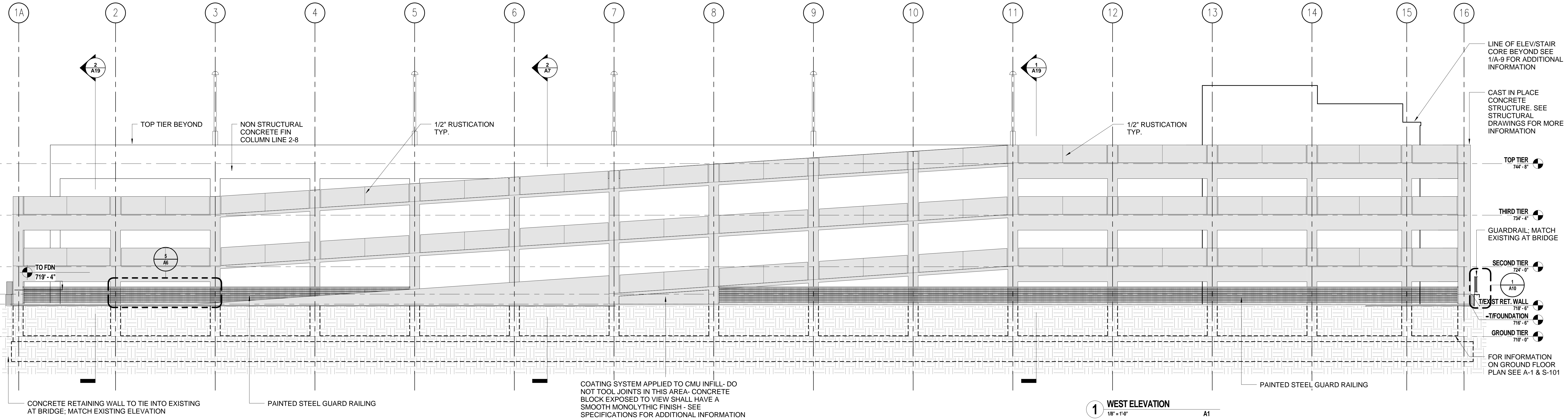
Dwg 39 of 152

Office of
Construction
and Facilities
Management

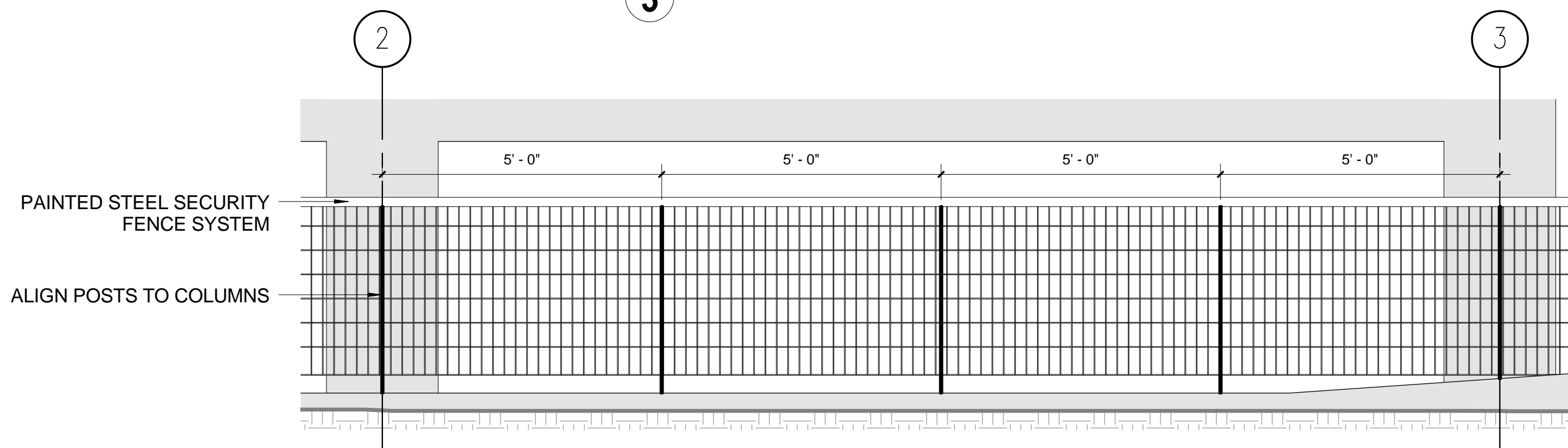
Department of
Veterans Affairs

ELEVATION NOTES

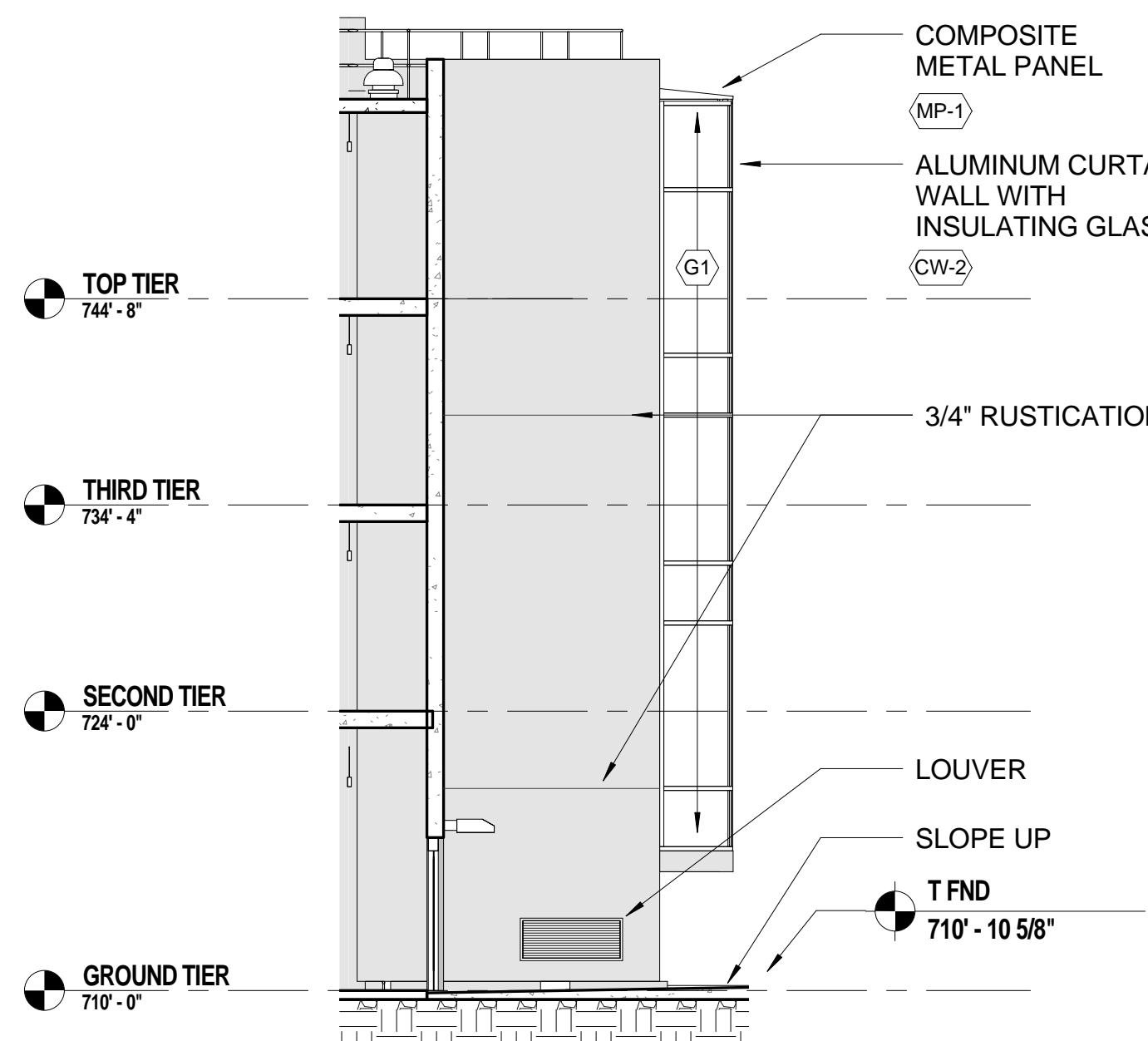
ALL EXTERIOR EXPOSED CAST IN PLACE CONCRETE WILL BE STAINED (P-1)



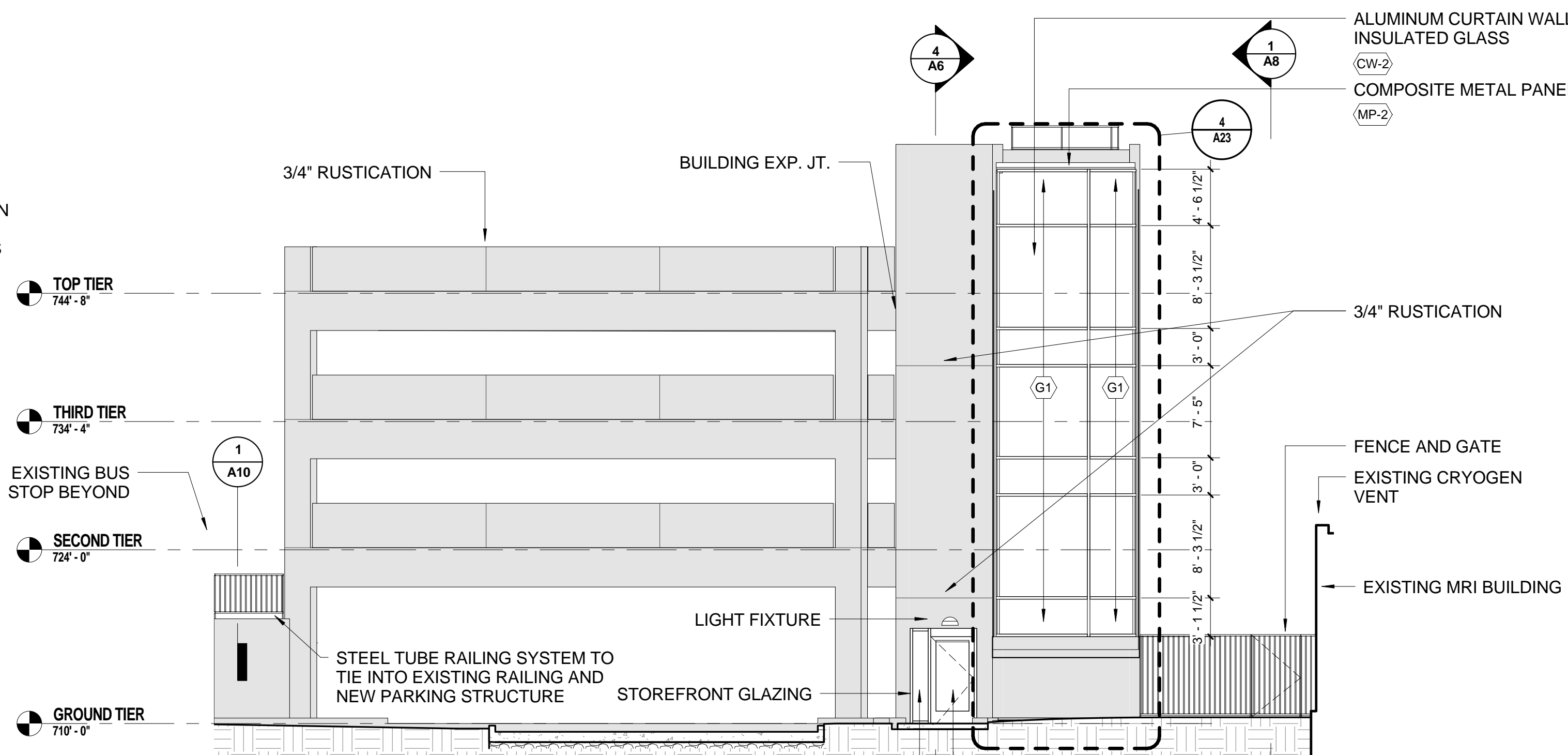
3 TYPICAL EXTERIOR STAINED CONCRETE SURFACES



5 WEST FENCE DETAIL VIEW
1/2" = 1'-0"



4 PARTIAL WEST ELEVATION
1/8" = 1'-0"



2 SOUTH ELEVATION
1/8" = 1'-0"

ISSUED FOR CLARIFICATION	07/26/13
FINAL CONSTRUCTION DOCUMENTS	05/30/13
100% REVIEW	04/24/13
75% REVIEW SUBMISSION (NOT FOR CONSTRUCTION)	02/22/13
Revisions:	Date

CONSULTANTS/ENGINEERS:

KJWW ENGINEERING CONSULTANTS
Mechanical/Electrical/Plumbing Engineer
632 26TH AVENUE
ROCK ISLAND, ILLINOIS 61201
309.788.0673 Telephone
309.786.5967 Fax

TERRACON
Geotechnical Engineer
2640 12TH STREET SW
CEDAR RAPIDS, IOWA 52404
319.366.8321 Telephone
319.366.0032 Fax

GRAEF
Civil Engineer/Landscape Architect
332 SOUTH MICHIGAN, SUITE 1400
CHICAGO, ILLINOIS 60604-4507
312.582.2020 Telephone
312.939.7014 Fax

WALKER PARKING CONSULTANTS
Structural Engineer
505 DAVIS ROAD
ELGIN, ILLINOIS 60123
847.697.2640 Telephone
847.697.7439 Fax

FAITHFUL+GOULD
Cost Management
222 SOUTH RIVERSIDE PLAZA, SUITE 2240
CHICAGO, ILLINOIS 60606
312.612.6319 Telephone
312.655.9037 Fax

ARCHITECT:

Loebl Schlossman & Hackl
Architecture • Planning • Interiors

233 North Michigan Avenue
Suite 3000
Chicago, Illinois 60601

312.565.1800 Telephone
312.565.5912 Facsimile
www.lshdesign.com

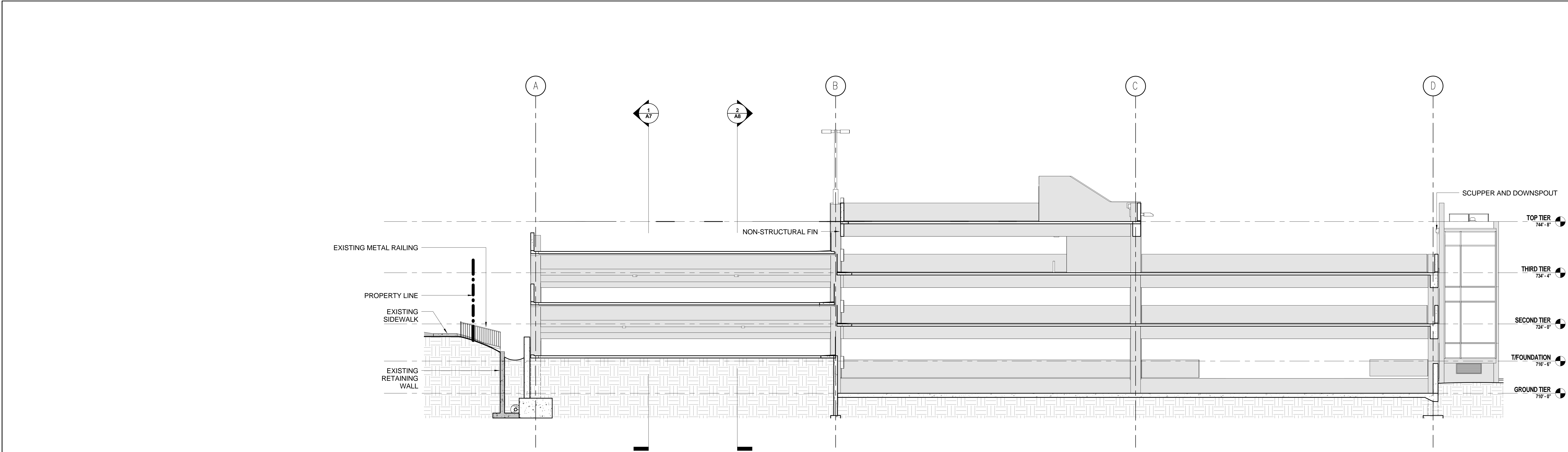
Drawing Title	EXTERIOR ELEVATIONS
Approved: Project Director	Iowa City VA Healthcare System Department of Veterans Affairs Medical Center

Project Title	400 CAR PARKING GARAGE	Project Number	636-402
Location	IOWA CITY, IA	Building Number	43
Date	05/30/2013	Drawing Number	A6
Checked	PS/JP	Drawn	EG
Dwg	40	of	152

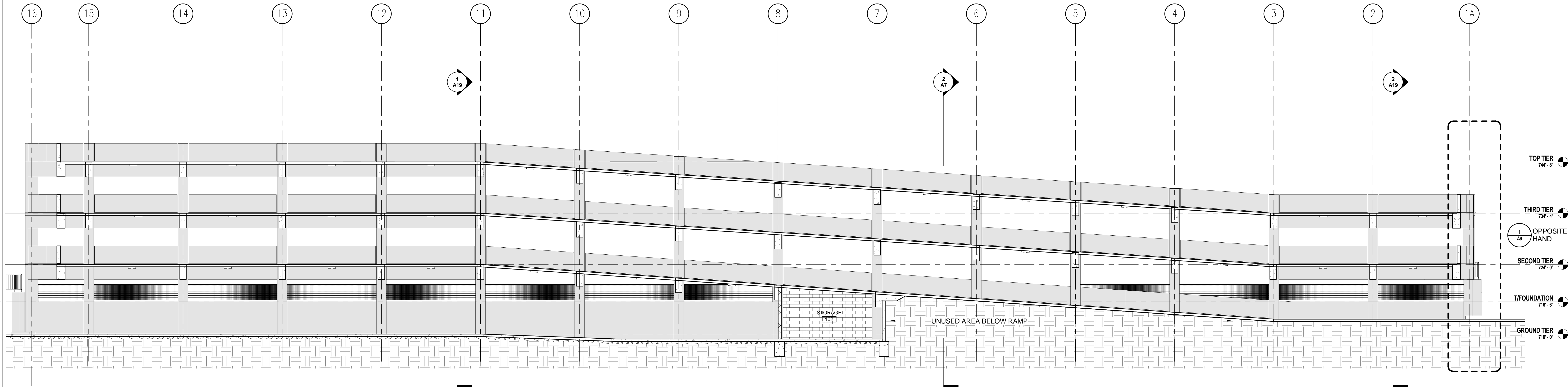
Office of
Construction
and Facilities
Management

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



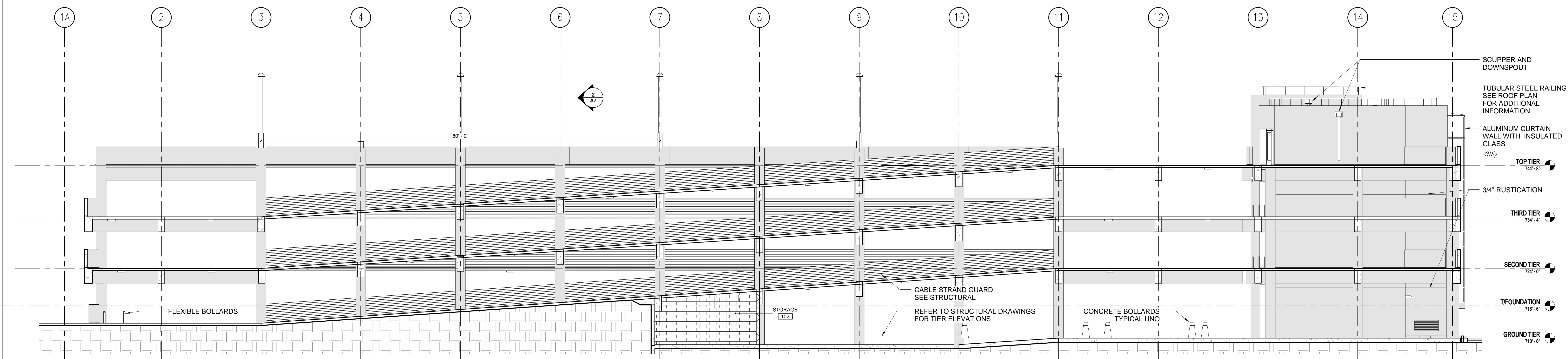
2 BUILDING SECTION WEST-EAST
1/8" = 1'-0"



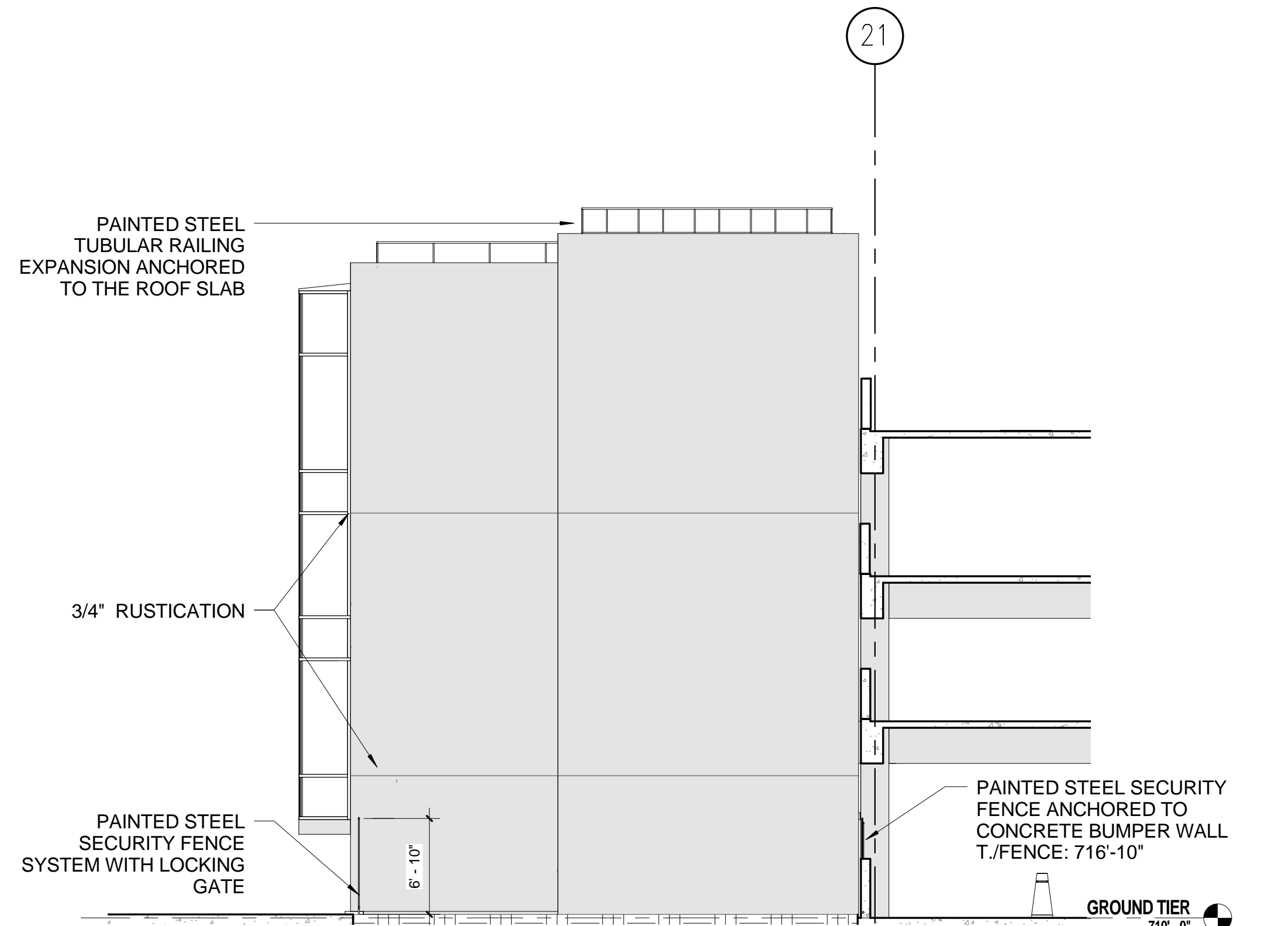
1 BUILDING SECTION SOUTH-NORTH
1/8" = 1'-0"

CONSULTANTS/ENGINEERS:		ARCHITECT:		Drawing Title		Project Title		Project Number		Office of Construction and Facilities Management Department of Veterans Affairs	
KJWW ENGINEERING CONSULTANTS Mechanical/Electrical/Plumbing Engineer		TERRACON Geotechnical Engineer		Loebl Schlossman & Hackl Architecture • Planning • Interiors		400 CAR PARKING GARAGE		636-402			
623 26TH AVENUE ROCK ISLAND, ILLINOIS 61201 309.788.0673 Telephone 309.786.5967 Fax		2640 12TH STREET SW CEDAR RAPIDS, IOWA 52404 319.366.8321 Telephone 319.366.0032 Fax		233 North Michigan Avenue Suite 3000 Chicago, Illinois 60601		Location IOWA CITY, IA		Building Number 43			
ISSUED FOR CLARIFICATION 07/26/13 FINAL CONSTRUCTION DOCUMENTS 05/30/13 100% REVIEW 04/24/13 75% REVIEW SUBMISSION (NOT FOR CONSTRUCTION) 02/22/13 Revisions: _____ Date _____		332 SOUTH MICHIGAN, SUITE 1400 CHICAGO, ILLINOIS 60604-4507 312.582.2020 Telephone 312.939.7014 Fax		222 SOUTH RIVERSIDE PLAZA, SUITE 2240 CHICAGO, ILLINOIS 60606 312.612.6319 Telephone 312.655.9037 Fax		Approved: Project Director Iowa City VA Healthcare System Department of Veterans Affairs Medical Center		Drawing Number A7			
VA FORM 08-6231		305 DAVIS ROAD ELGIN, ILLINOIS 60123 847.697.2640 Telephone 847.697.7439 Fax		Copyright © 2013 Loebl Schlossman & Hackl Inc.		Date 05/30/2013		Checked PS/JP		Drawn DM	
		312.565.1800 Telephone 312.565.5912 Facsimile www.lshdesign.com				Dwg 41 of 152					

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
two inches = one foot
three inches = one foot



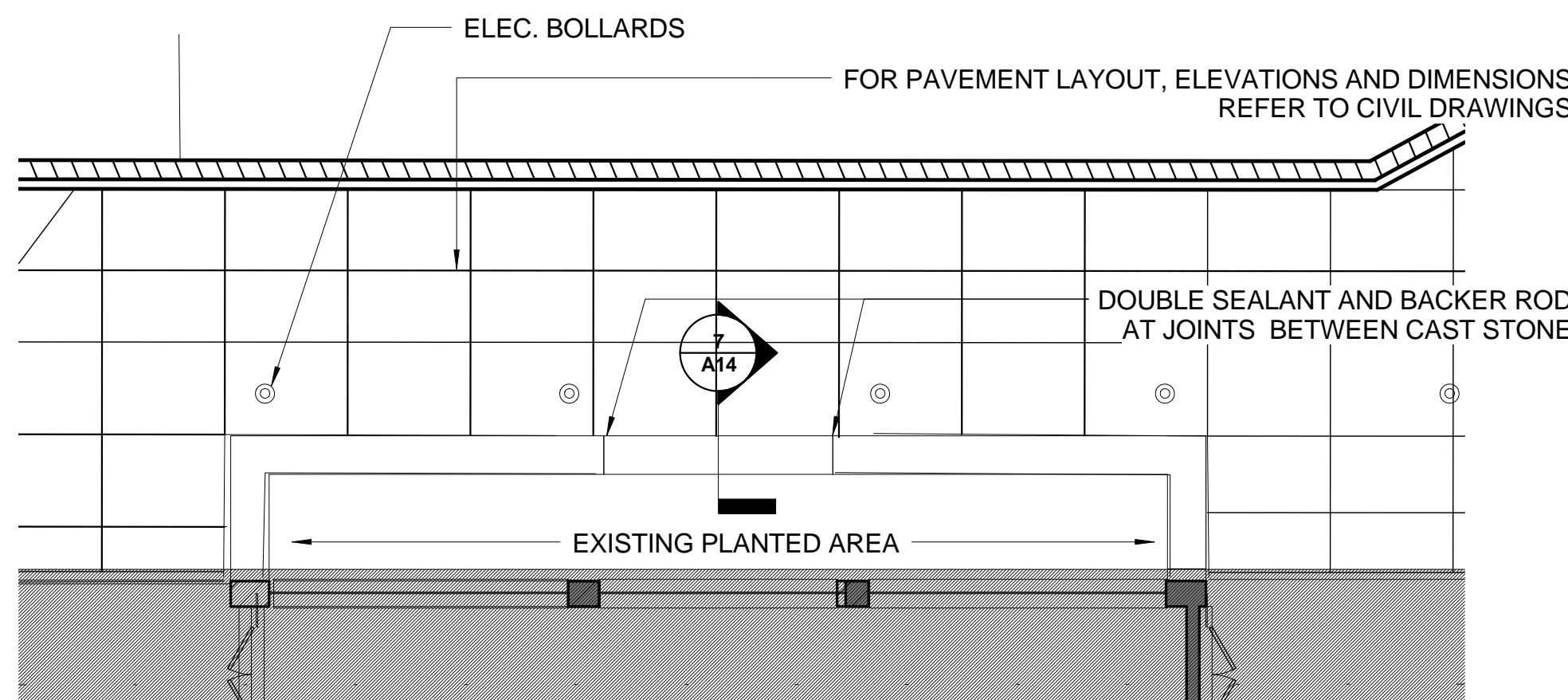
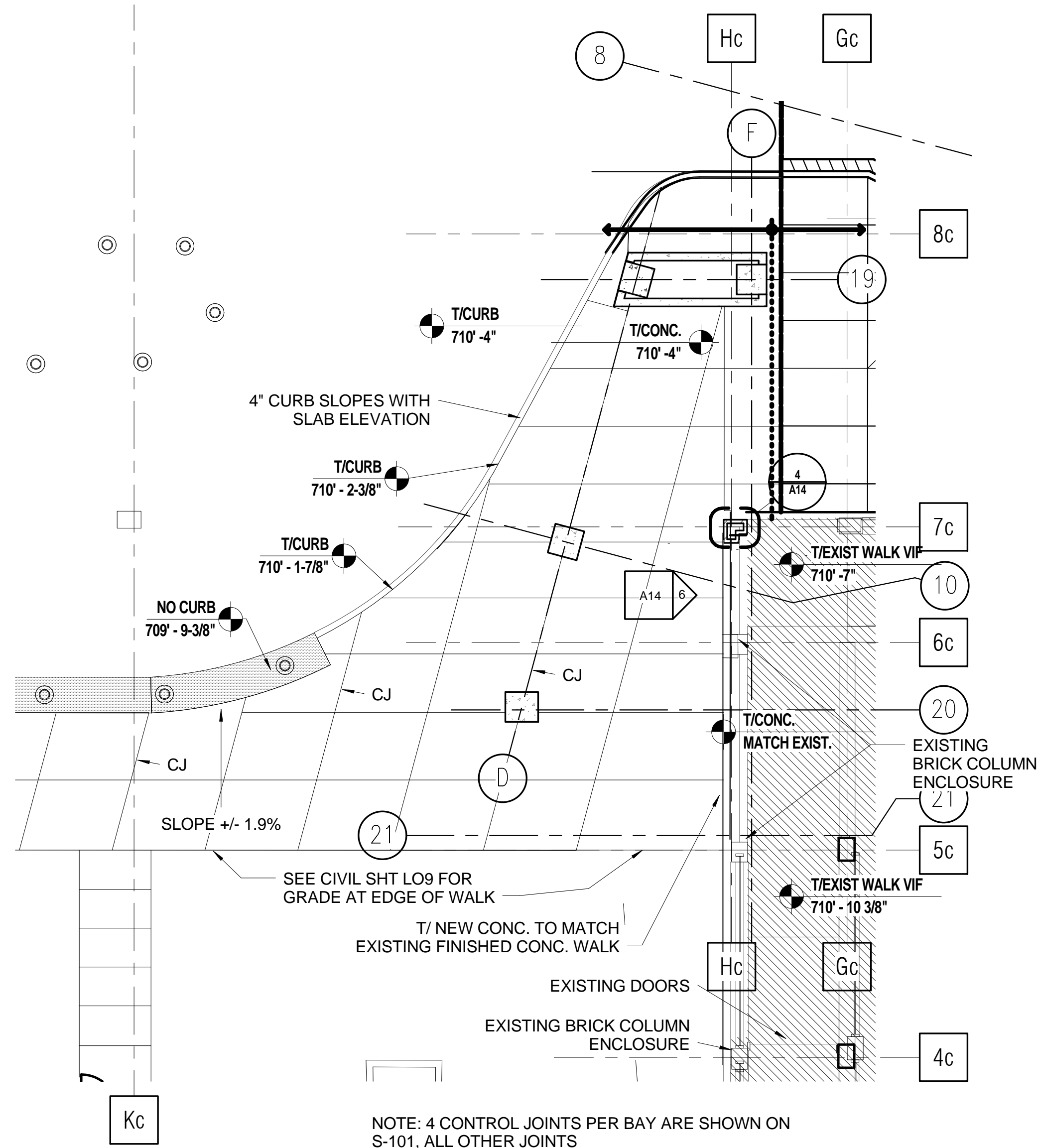
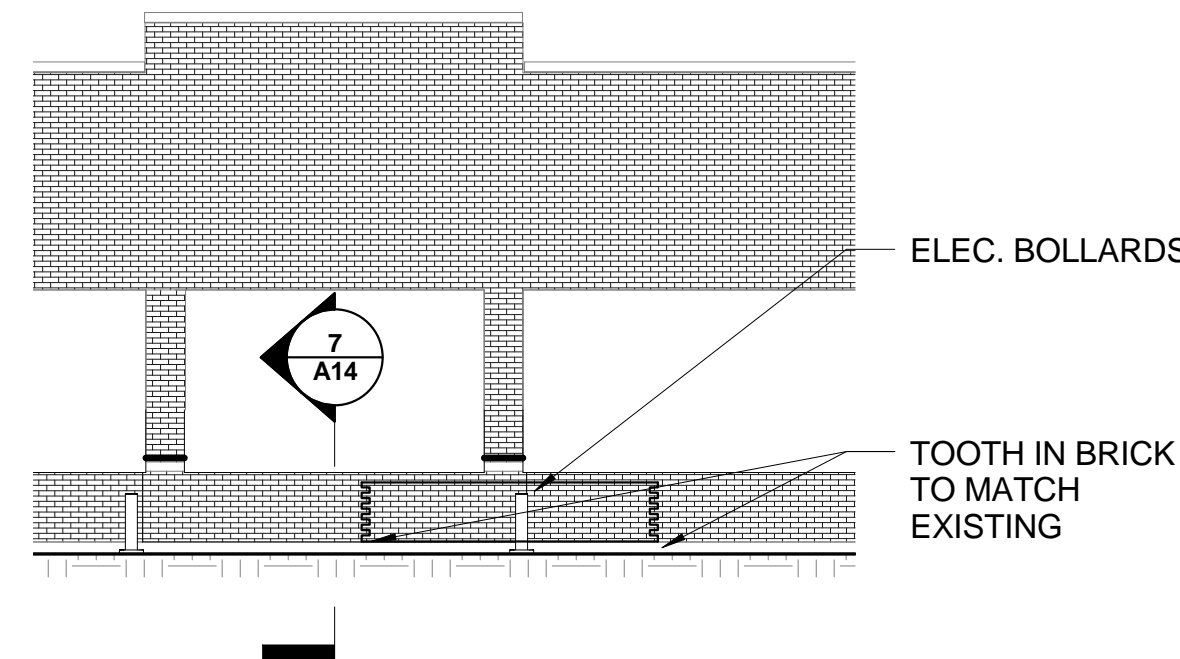
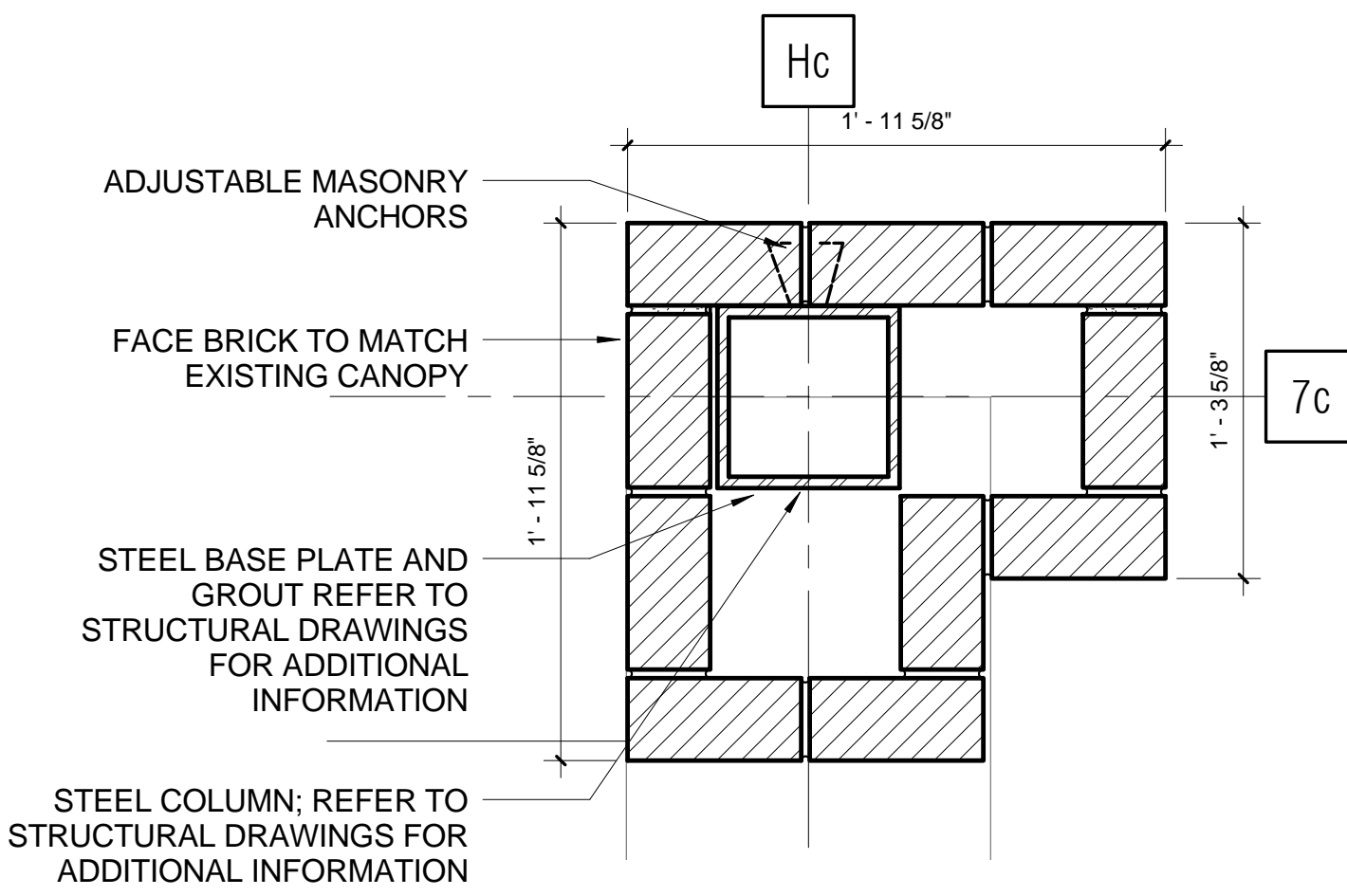
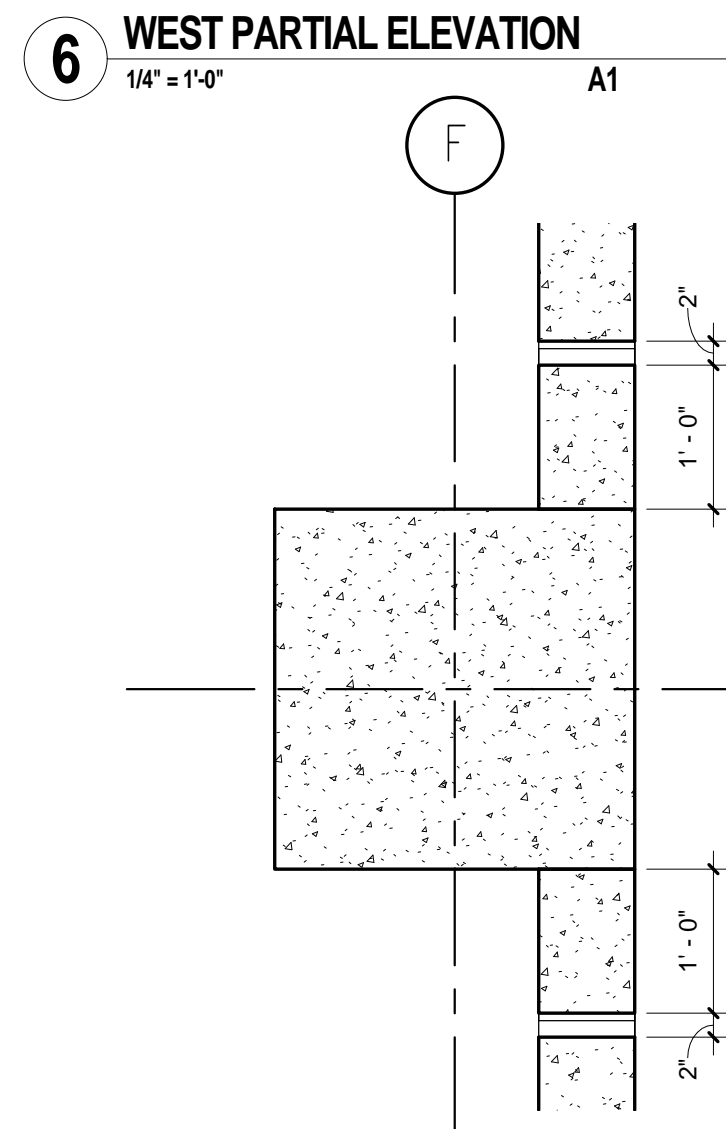
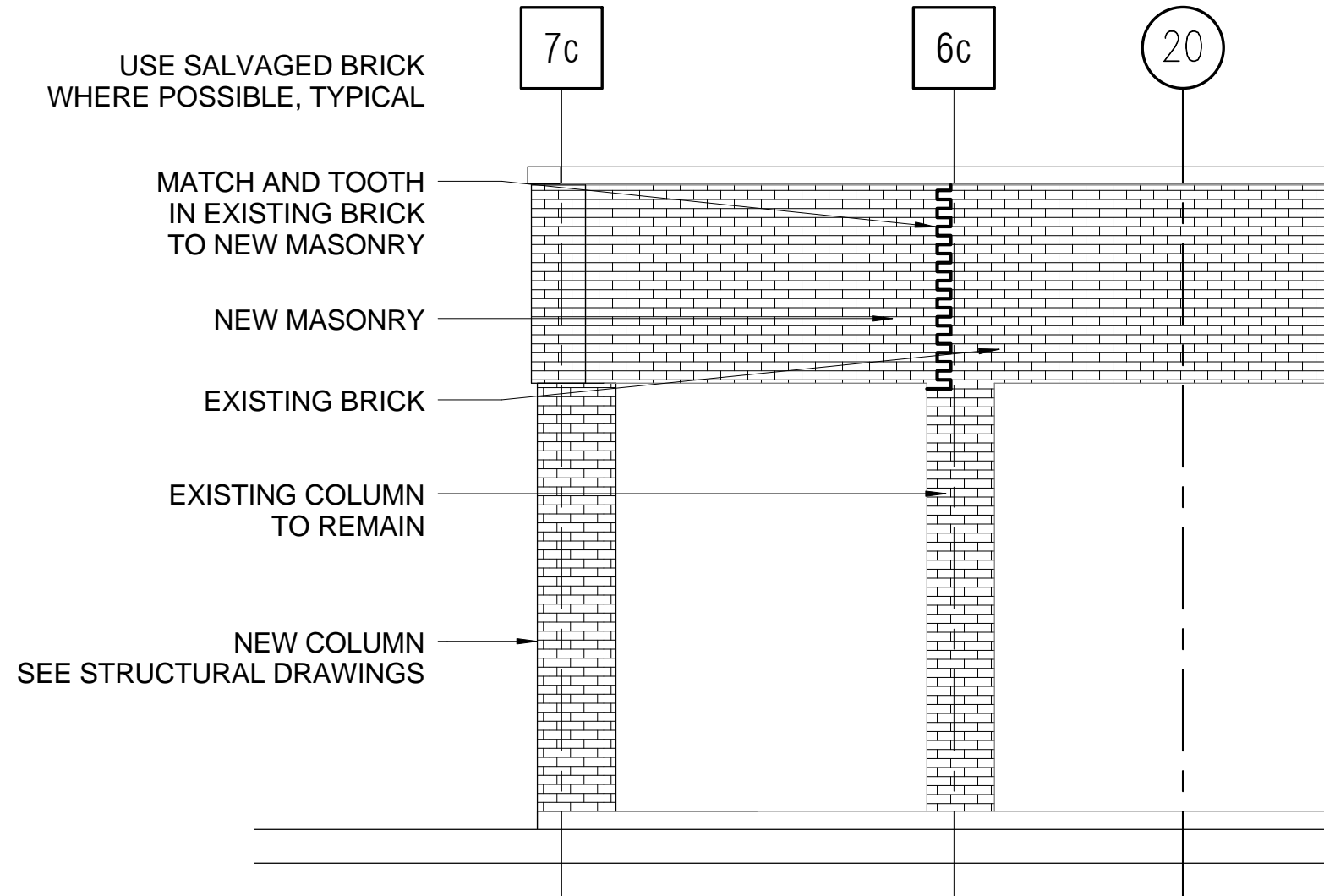
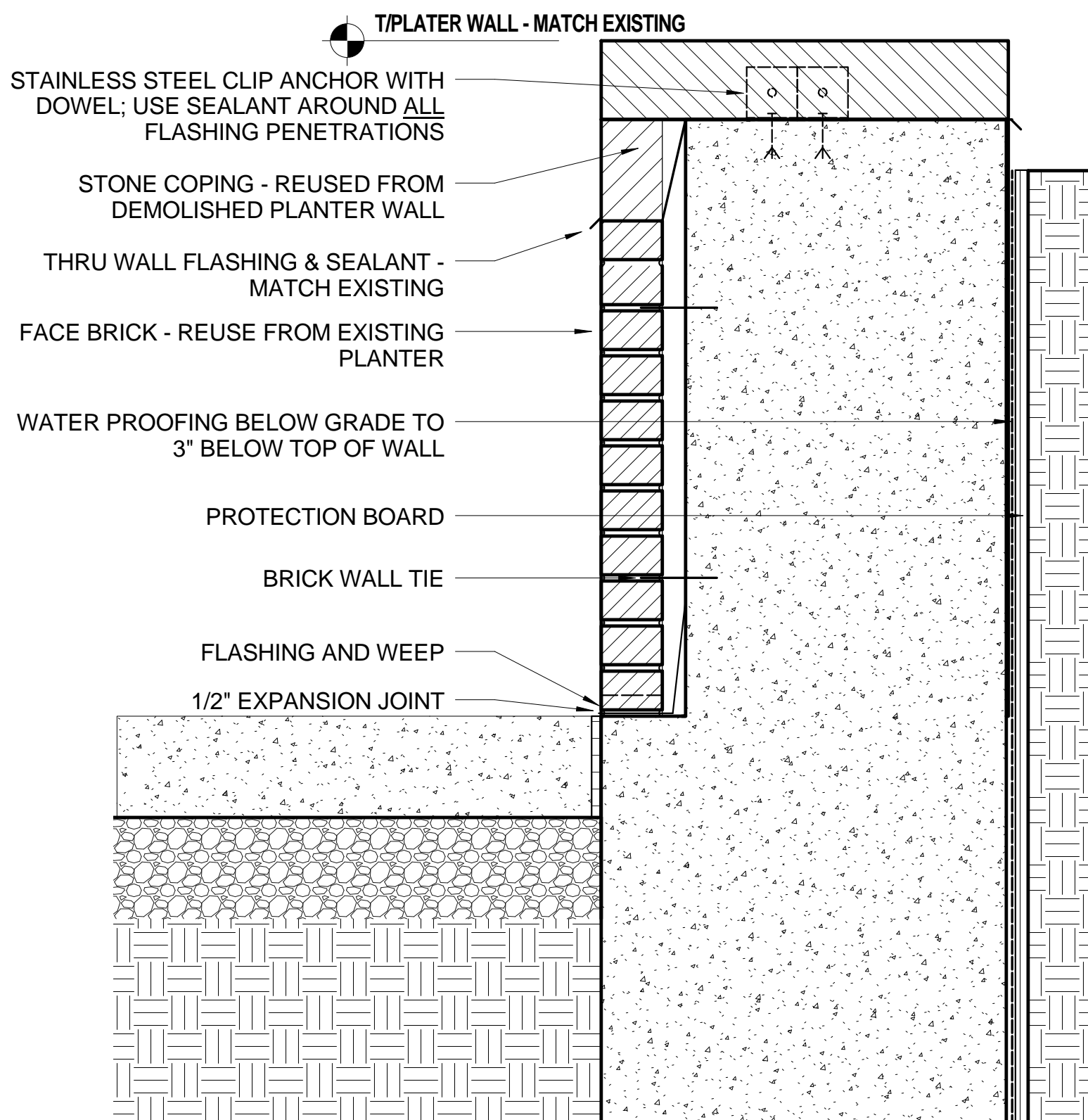
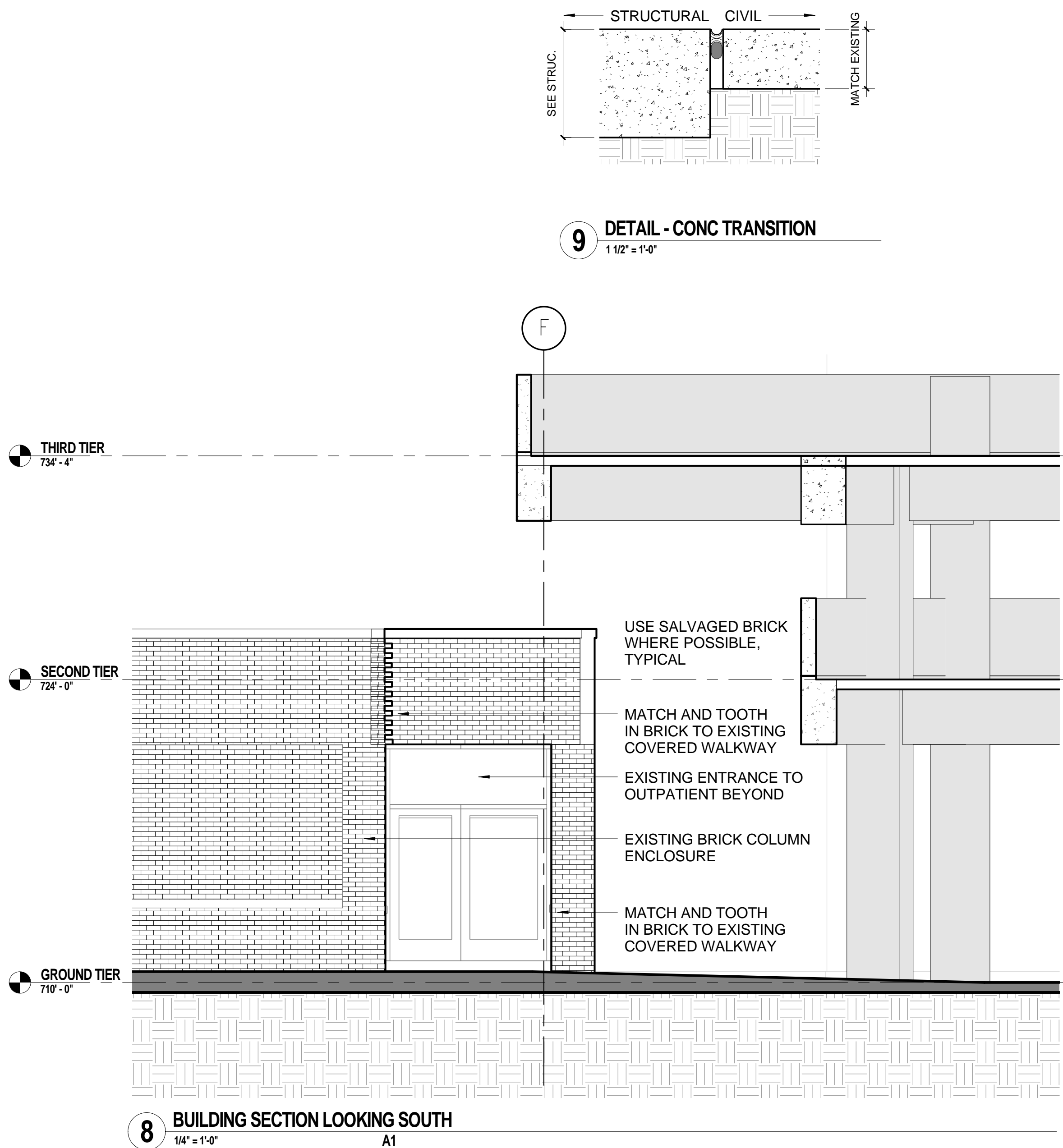
2 BUILDING SECTION SOUTH-NORTH
1/8" = 1'-0" A1



1 EAST ELEVATION OF SOUTHWEST STAIR
1/8" = 1'-0" A1

ISSUED FOR CLARIFICATION 07/26/13 FINAL CONSTRUCTION DOCUMENTS 05/30/13 100% REVIEW 04/24/13 75% REVIEW SUBMISSION (NOT FOR CONSTRUCTION) 02/22/13 Revisions: Date		CONSULTANTS/ENGINEERS: KJWW ENGINEERING CONSULTANTS Mechanical/Electrical/Plumbing Engineer 633 26TH AVENUE ROCK ISLAND ILLINOIS 61201 309.788.0673 Telephone 309.786-5967 Fax TERRACON Geotechnical Engineer 2640 12TH STREET SW CEDAR RAPIDS, IOWA 52404 319.366.8321 Telephone 319.366.0032 Fax GRAEF Civil Engineer/Landscape Architect 332 SOUTH MICHIGAN, SUITE 1400 CHICAGO, ILLINOIS 60604-4507 312.582.2020 Telephone 312.939.7014 Fax WALKER PARKING CONSULTANTS Structural Engineer 505 DAVIS ROAD ELGIN, ILLINOIS 60123 847.697.2640 Telephone 847.697.7439 Fax FAITHFUL+GOULD Cost Management 222 SOUTH RIVERSIDE PLAZA, SUITE 2240 CHICAGO, ILLINOIS 60606 312.612.6319 Telephone 312.655.9037 Fax				ARCHITECT: Loebl Schlossman & Hackl Architecture • Planning • Interiors Copyright © 2013 Loebl Schlossman & Hackl Inc. 233 North Michigan Avenue Suite 3000 Chicago, Illinois 60601 312.565.1800 Telephone 312.565.5912 Facsimile www.lshdesign.com		Drawing Title BUILDING SECTIONS Approved: Project Director Iowa City VA Healthcare System Department of Veterans Affairs Medical Center		Project Title 400 CAR PARKING GARAGE Location IOWA CITY, IA Date 05/30/2013 Checked PS/JP Drawn EG		Project Number 636-402 Building Number 43 Drawing Number A8 Dwg 42 of 152		Office of Construction and Facilities Management 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
one eighth inch = one foot



CONSTRUCTION DETAIL NOTES

REFER TO STRUCTURAL DRAWINGS FOR PIER AND FOUNDATION INFORMATION

REFER TO STRUCTURAL DRAWINGS FOR COLUMN GRID DIMENSIONS

REFER TO STRUCTURAL DETAILS FOR ALL CONNECTIONS AND DETAILS OF PRECAST BACK TO CAST-IN-PLACE SLAB, BEAM AND COLUMNS

ISSUED FOR CLARIFICATION	07/26/13
FINAL CONSTRUCTION DOCUMENTS	05/30/13
100% REVIEW	04/24/13
75% REVIEW SUBMISSION (NOT FOR CONSTRUCTION)	02/22/13
Revisions:	Date

CONSULTANTS/ENGINEERS:

KJWW ENGINEERING CONSULTANTS
Mechanical/Electrical/Plumbing Engineer

623 26TH AVENUE
ROCK ISLAND, ILLINOIS 61201
309.788.0673 Telephone
309.788.5967 Fax

TERRACON
Geotechnical Engineer

2640 12TH STREET SW
CEDAR RAPIDS, IOWA 52404
319.366.8321 Telephone
319.366.0032 Fax

GRAEF
Civil Engineer/Landscape Architect

332 SOUTH MICHIGAN, SUITE 1400
CHICAGO, ILLINOIS 60604-4267
312.582.2020 Telephone
312.939.7014 Fax

WALKER PARKING CONSULTANTS
Structural Engineer

505 DAVIS ROAD
ELGIN, ILLINOIS 60123
847.697.2640 Telephone
847.697.7439 Fax

FAITHFUL + GOULD
Cost Management

222 SOUTH RIVERSIDE PLAZA, SUITE 2240
CHICAGO, ILLINOIS 60606
312.612.6319 Telephone
312.655.9037 Fax

ARCHITECT:

Loebi Schlossman & Hackl
Architecture • Planning • Interiors

233 North Michigan Avenue
Suite 3000
Chicago, Illinois 60601

312.565.1800 Telephone
312.565.5912 Facsimile
www.lshdesign.com

Drawing Title
ENLARGED COLUMN COVER DETAILS - NORTH ENTRANCE

Approved: Project Director
Iowa City VA Healthcare System
Department of Veterans Affairs Medical Center

Project Title
400 CAR PARKING GARAGE

Location
IOWA CITY, IA
Date
05/30/2013

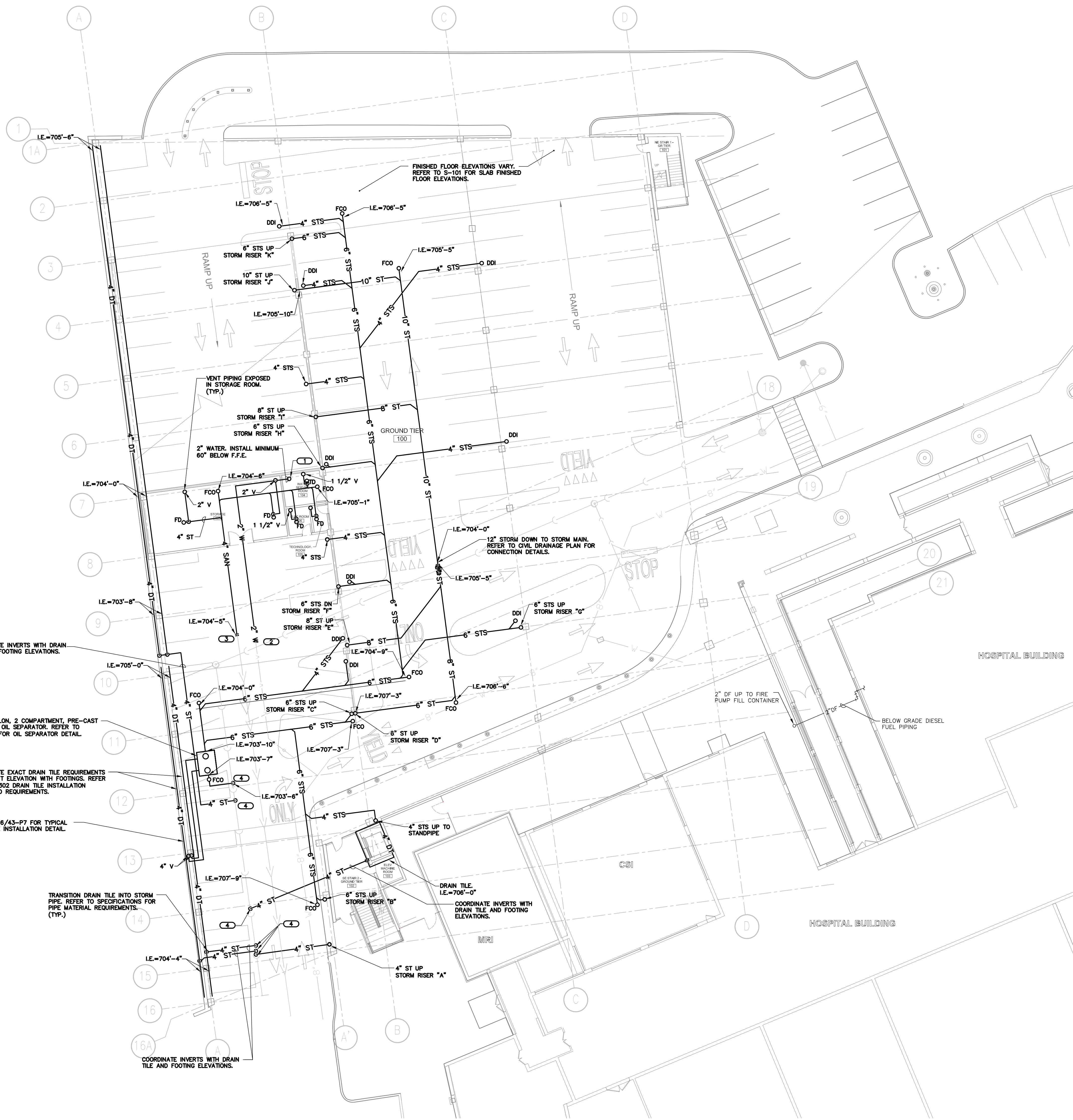
Checked
PS/JP

Drawn
DM

Project Number
636-402
Building Number
43
Drawing Number
A14
Dwg. 52 of 152

Office of
Construction
and Facilities
Management

Department of
Veterans Affairs



PLUMBING SYMBOLS LIST		
SYMBOL:	DESCRIPTION:	
	EXISTING TO REMAIN	
	NEW	
	EXISTING TO BE REMOVED	
	CW - COLD WATER - POTABLE	
	DT - DRAIN TILE	
	DF - DIESEL FUEL	
	PD - PUMPED DISCHARGE	
	SAN - SANITARY DRAINAGE	
	ST(1,000) - STORM DRAINAGE - EXTERIOR (SF)	
	STS - STORM DRAINAGE - INTERIOR	
	V - VENT	
	W - SERVICE WATER - POTABLE	
	PIPE DOWN	
	PIPE UP OR UP/DOWN	
	PIPE SERVING FIXTURE ON FLOOR ABOVE. (EXAMPLE: FD = FLOOR DRAIN)	
	PITCH PIPE IN DIRECTION	
	DIRECTION OF FLOW IN PIPE	
	NEW CONNECTION	
	SHUTOFF VALVE, NORMALLY OPEN	
	REDUCER - REFERENCE SPECIFICATION FOR CONCENTRIC/ECCENTRIC AND FOT/FOB	
	CO - CLEANOUT	
	DD - DECK DRAIN	
	FCO - FLOOR CLEANOUT	
	FD - FLOOR DRAIN	
	I.E. - INVERT ELEVATION (FOR REFERENCE ONLY)	
	TD - TRENCH DRAIN	
	DDE-1 - EXTERIOR DECK DRAIN	
	DDI-1 - INTERIOR DECK DRAIN	
	S/S - SYMBOL OUTLET SIZE/ROOF AREA	
	S/S - SYMBOL OUTLET SIZE/ROOF AREA	

- GENERAL SHEET NOTES
1. INVERT ELEVATIONS BASED ON GROUND TIER FINISHED FLOOR ELEVATION OF 710'-0".

2. BELOW GRADE STORM WATER PIPE SERVING EXTERIOR DECK DRAINS BASED ON 1/4" PER FOOT SLOPE.

3. BELOW GRADE STORM WATER PIPE SERVING INTERIOR DECK DRAINS BASED ON 1/8" PER FOOT SLOPE.

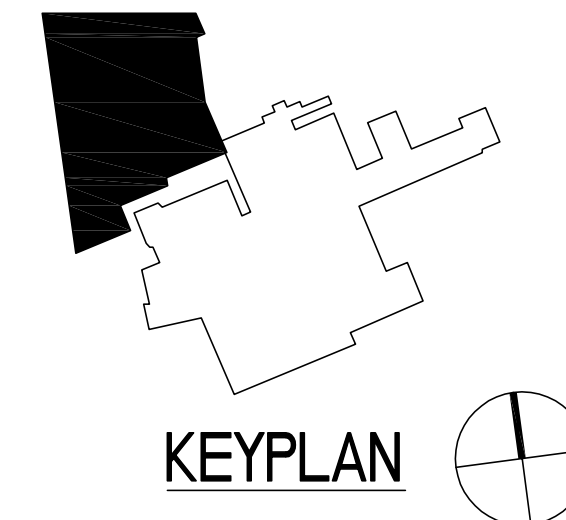
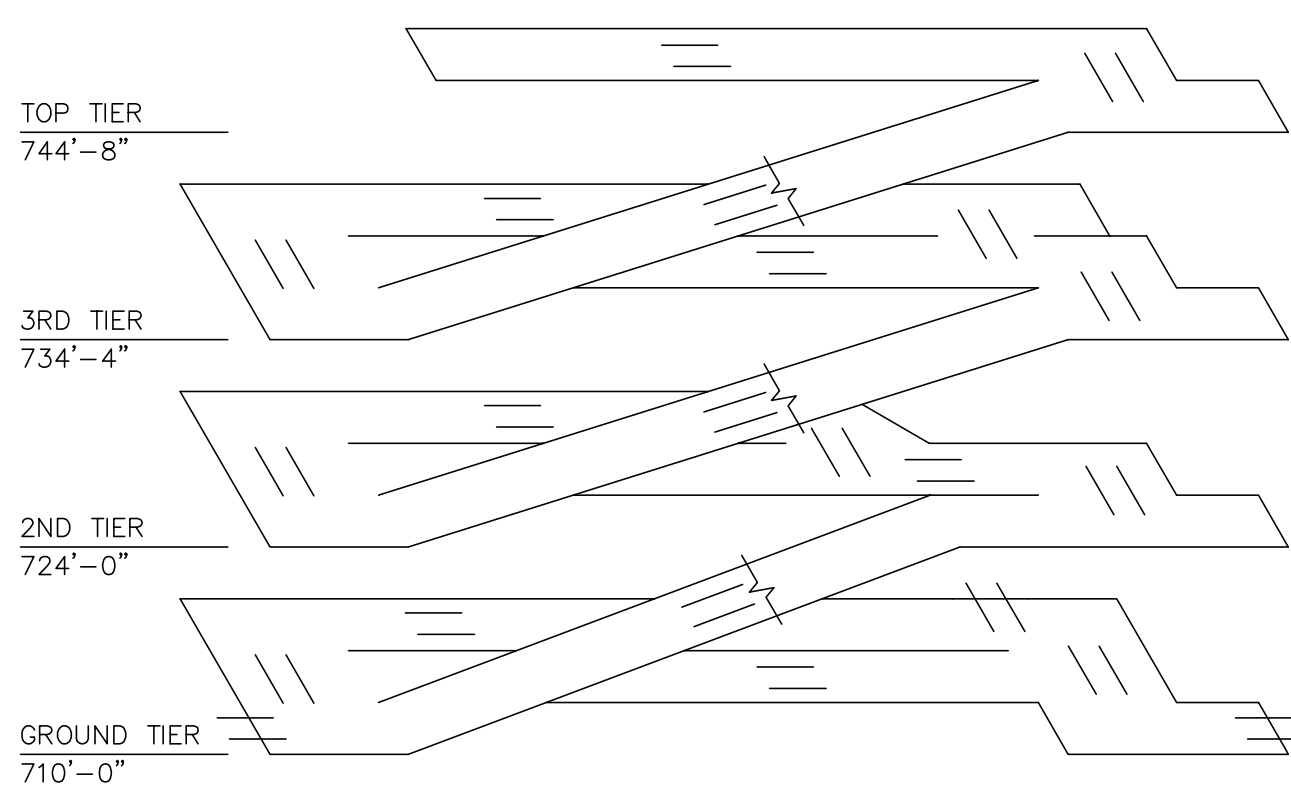
4. REFER TO 43-P5 FOR DOMESTIC WATER RISER DIAGRAM.

5. REFER TO 43-P6 FOR STORM WATER RISER DIAGRAM.
- KEYNOTES
1. REFER TO 1/43-P7 FOR UNDERGROUND WATER MAIN ANCHORING DETAIL.

2. 2" WATER. REFER TO CIVIL DRAINAGE PLAN FOR CONTINUATION AND CONNECTION TO WATER MAIN.

3. 4" SAN. REFER TO CIVIL DRAINAGE PLAN FOR CONTINUATION AND CONNECTION TO SANITARY MAIN.

4. NEW STORM DOWN TO STORM MAIN. REFER TO CIVIL DRAINAGE PLAN FOR CONTINUATION.



1 UNDERGROUND PLAN - PLUMBING

SCALE: 1/16"=1'-0"

CONSULTANTS/ENGINEERS:

KJWW ENGINEERING CONSULTANTS
Mechanical/Electrical/Plumbing Engineer
623 26TH AVENUE
ROCK ISLAND, ILLINOIS 61201
309.786.0673 Telephone
309.786.5967 Fax

TERRACON
Geotechnical Engineer
2640 12TH STREET SW
CEDAR RAPIDS, IOWA 52404
319.366.0321 Telephone
319.366.0032 Fax

GRAEF
Civil Engineer/Landscape Architect
332 SOUTH MICHIGAN, SUITE 1400
CHICAGO, ILLINOIS 60604-4367
312.682.2020 Telephone
312.939.7014 Fax

WALKER PARKING CONSULTANTS
Structural Engineer
505 DAVIS ROAD
ELGIN, ILLINOIS 60123
847.697.2540 Telephone
847.697.7439 Fax

FAITHFUL+GOULD
Cost Management
222 SOUTH RIVERSIDE PLAZA, SUITE 2240
CHICAGO, ILLINOIS 60606
312.612.5319 Telephone
312.655.9037 Fax

ARCHITECT:

Loebl Schlossman & Hackl
Architecture•Planning•Interiors

233 North Michigan Avenue
Suite 3000
Chicago, Illinois 60601
312.565.1800 Telephone
312.565.5912 Facsimile
www.lshdesign.com

Drawing Title

UNDERGROUND PLAN - PLUMBING

Project Title

400 CAR PARKING GARAGE

Project Number

636-402

Building Number

43

Drawing Number

43-P0

Location

IOWA CITY, IA

Date

07/26/2013

Checked

MATMEA

Drawn

JOSHEA

Approved: Project Director

Iowa City VA Healthcare System
Department of Veterans Affairs Medical Center

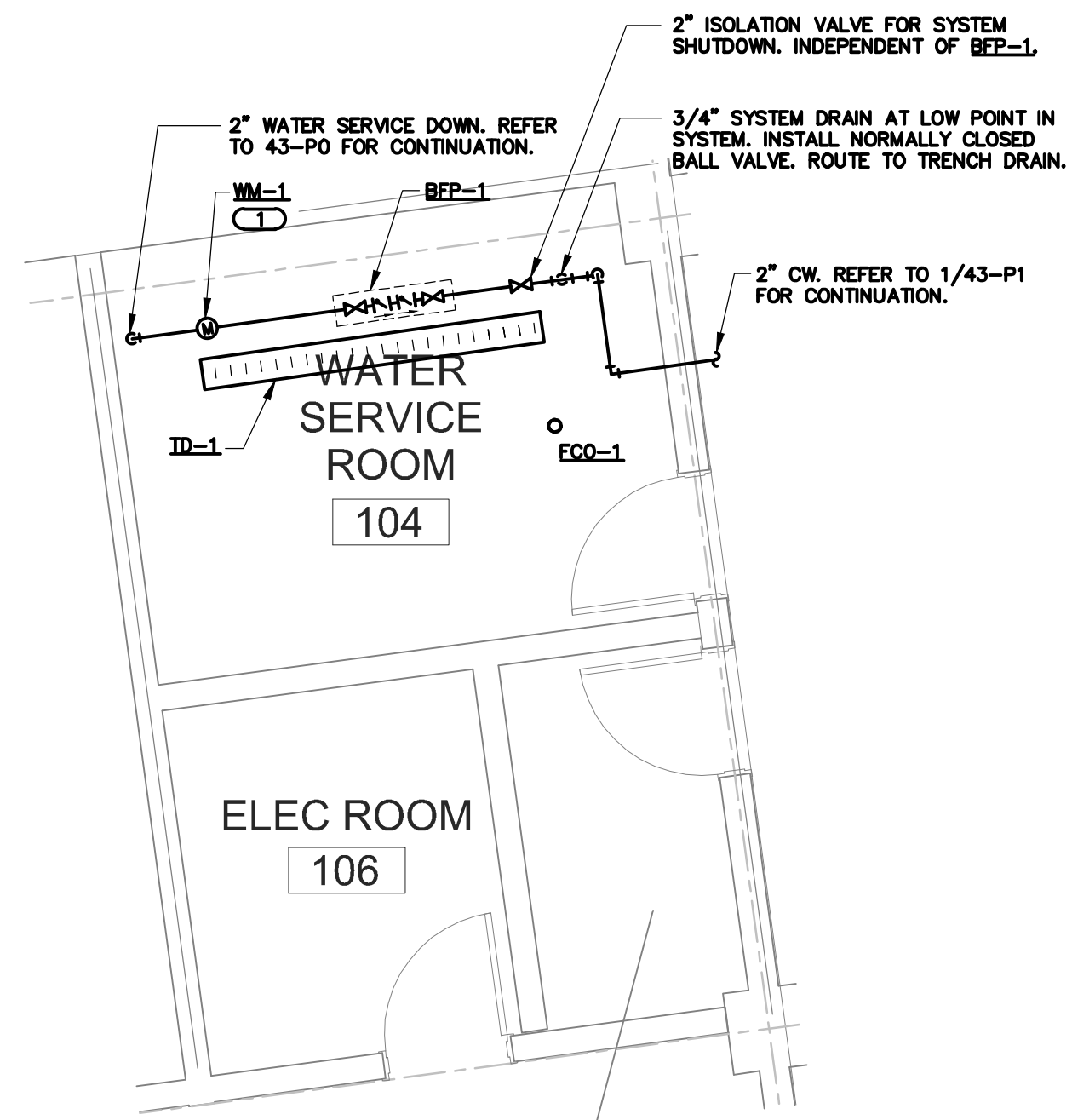
Office of Construction and Facilities Management

Department of Veterans Affairs

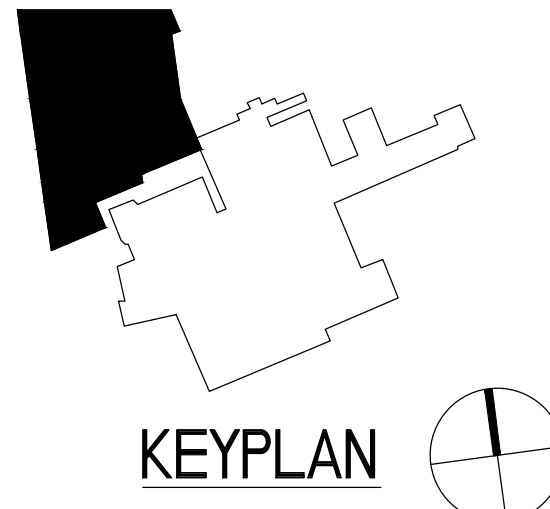
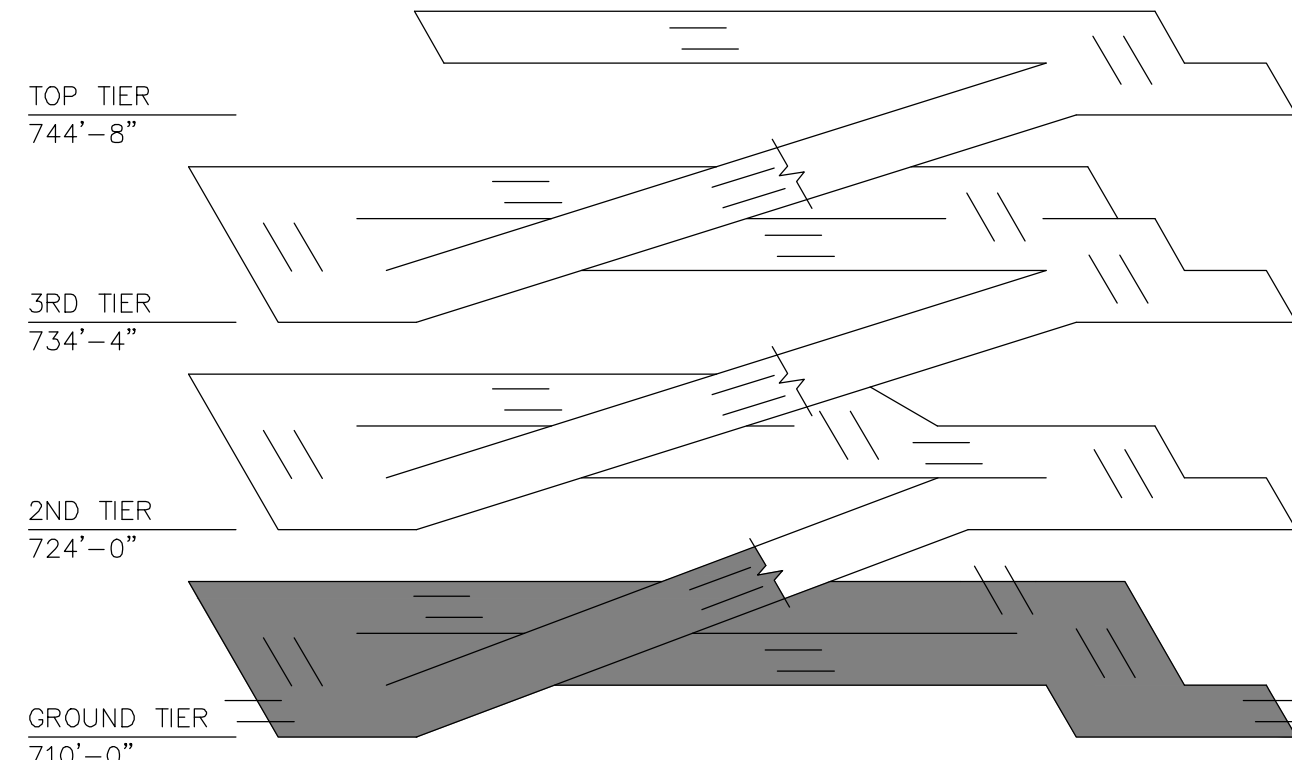
three inches = one foot
one and one half inches = one foot
one inch = one foot
three quarters inch = one foot
one half inch = one foot
three eighths inch = one foot
one quarter inch = one foot
one eighth inch = one foot



1 GROUND TIER PLAN - PLUMBING
SCALE: 1/16"=1'-0"



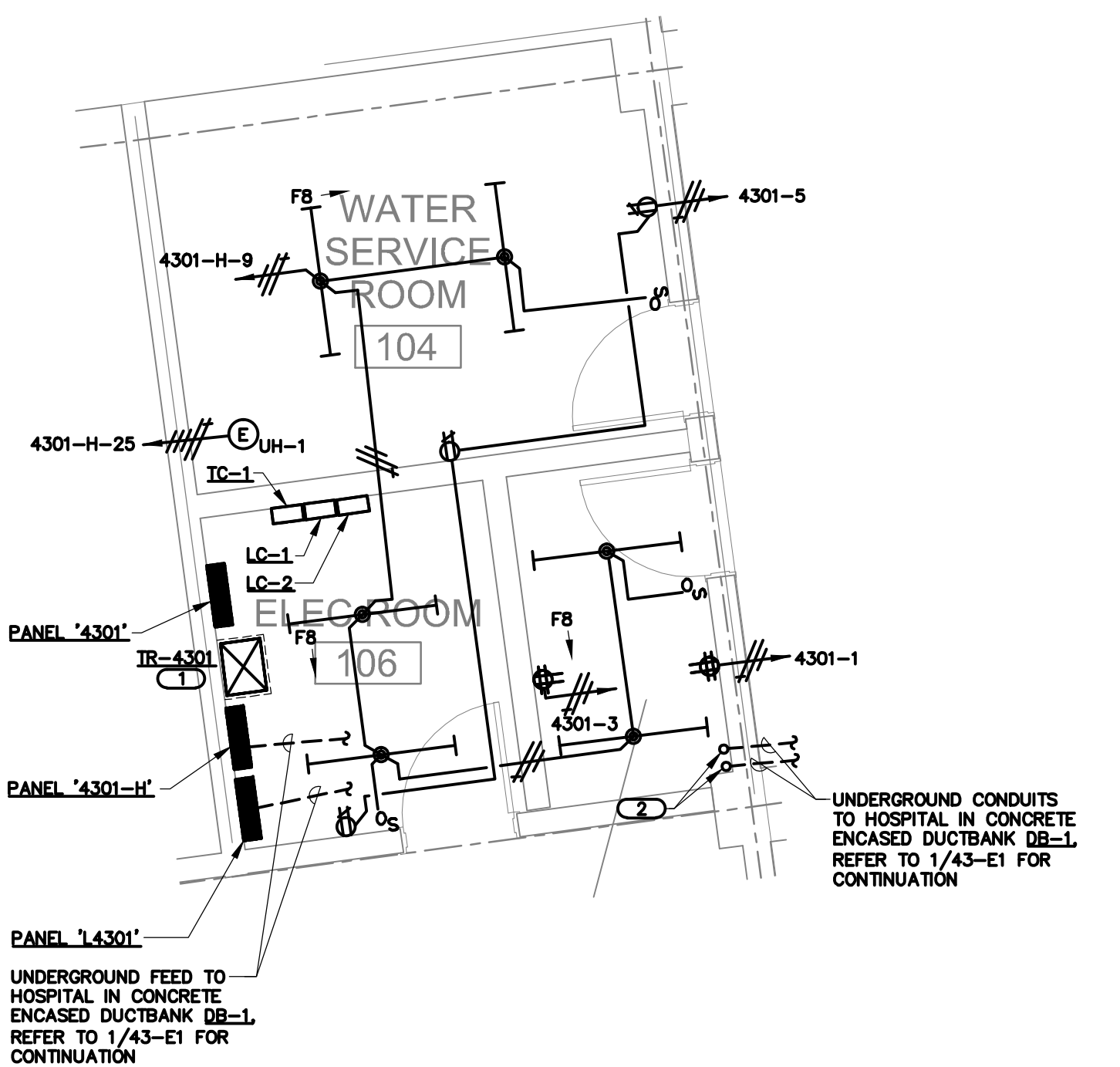
2 ENLARGED PLAN
SCALE: 1/4"=1'-0"



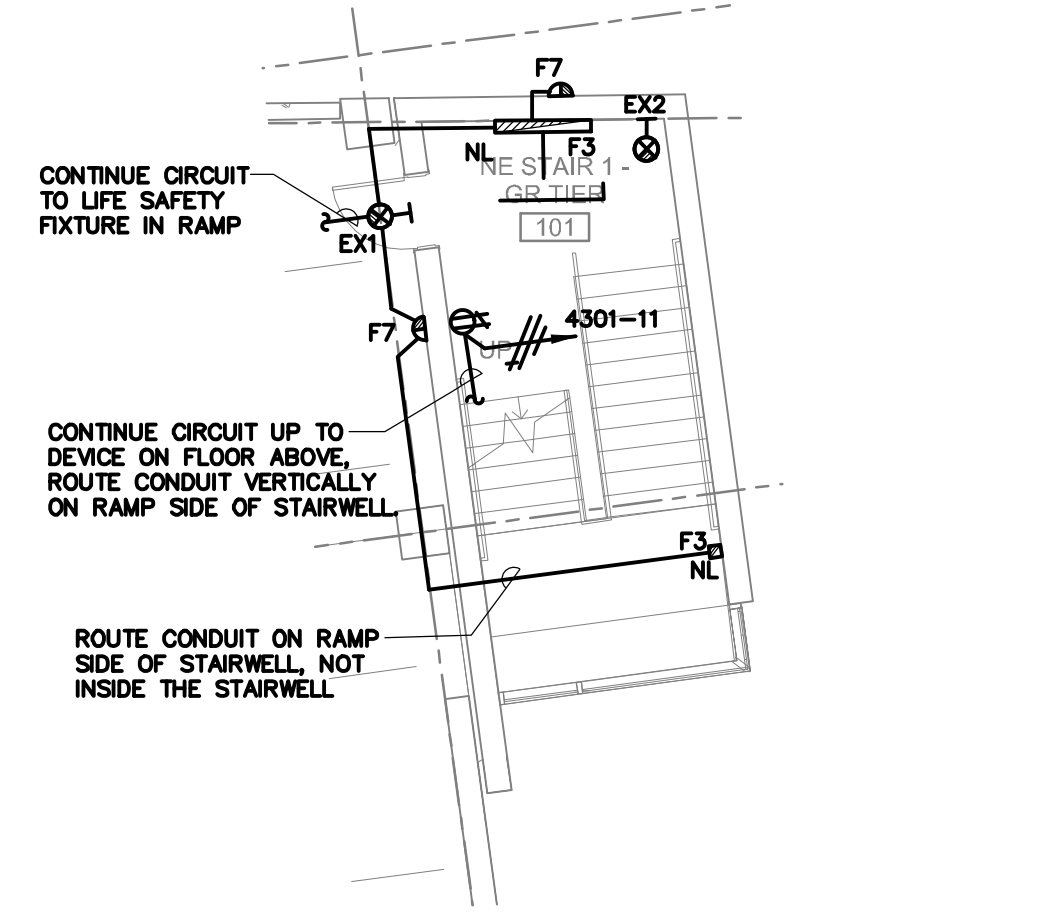
KEYPLAN

		CONSULTANTS/ENGINEERS:				ARCHITECT:				Drawing Title		Project Title		Project Number		Office of Construction and Facilities Management					
		KJWW ENGINEERING CONSULTANTS Mechanical/Electrical/Plumbing Engineer		TERRACON Geotechnical Engineer		GRAEF Civil Engineer/Landscape Architect		WALKER PARKING CONSULTANTS Structural Engineer		FAITHFUL+ GOULD Cost Management		GROUND TIER PLAN - PLUMBING		400 CAR PARKING GARAGE				636-402			
		623 26TH AVENUE ROCK ISLAND, ILLINOIS 61201 309.788.0673 Telephone 309.786.5967 Fax		2640 12TH STREET SW CEDAR RAPIDS, IOWA 52404 319.366.8321 Telephone 319.366.0032 Fax		332 SOUTH MICHIGAN, SUITE 1400 CHICAGO, ILLINOIS 60604-4367 312.582.2020 Telephone 312.939.7014 Fax		505 DAVIS ROAD ELGIN, ILLINOIS 60123 847.697.2640 Telephone 847.697.7439 Fax		222 SOUTH RIVERSIDE PLAZA, SUITE 2240 CHICAGO, ILLINOIS 60606 312.612.6319 Telephone 312.653.9037 Fax				Building Number				43			
ISSUED FOR CLARIFICATION		07/26/13								Copyright ©2013 Loebl Schlossman & Hackl Inc.		312.585.1800 Telephone 312.665.5912 Facsimile www.lshdesign.com		Iowa City VA Healthcare System Department of Veterans Affairs Medical Center				Approved: Project Director		Location IOWA CITY, IA	
FINAL CONSTRUCTION DOCUMENTS		05/30/13																		Dwg. 124 of 152	
Revisions:		Date																		Department of Veterans Affairs	

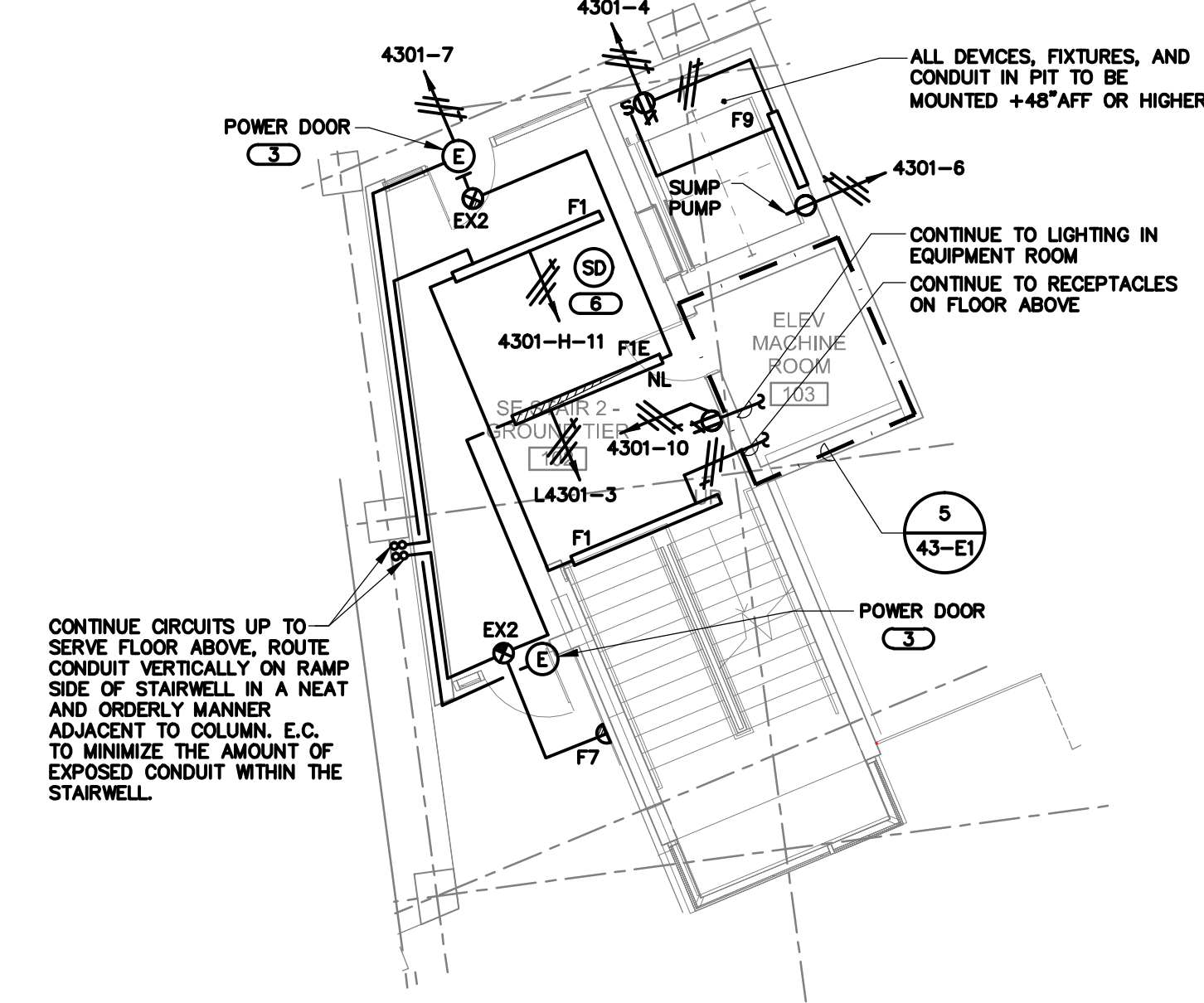
one eighth inch = one foot
one quarter inch = one foot
three eighths inch = one foot
one half inch = one foot
three quarters inch = one foot
one inch = one foot
one and one half inches = one foot
two inches = one foot
three inches = one foot
four inches = one foot
five inches = one foot
six inches = one foot
seven inches = one foot
eight inches = one foot
nine inches = one foot
ten inches = one foot
eleven inches = one foot
twelve inches = one foot
thirteen inches = one foot
fourteen inches = one foot
fifteen inches = one foot
sixteen inches = one foot
seventeen inches = one foot
eighteen inches = one foot
nineteen inches = one foot
twenty inches = one foot
twenty one inches = one foot
twenty two inches = one foot
twenty three inches = one foot
twenty four inches = one foot
twenty five inches = one foot
twenty six inches = one foot
twenty seven inches = one foot
twenty eight inches = one foot
twenty nine inches = one foot
thirty inches = one foot
thirty one inches = one foot
thirty two inches = one foot
thirty three inches = one foot
thirty four inches = one foot
thirty five inches = one foot
thirty six inches = one foot
thirty seven inches = one foot
thirty eight inches = one foot
thirty nine inches = one foot
forty inches = one foot
forty one inches = one foot
forty two inches = one foot
forty three inches = one foot
forty four inches = one foot
forty five inches = one foot
forty six inches = one foot
forty seven inches = one foot
forty eight inches = one foot
forty nine inches = one foot
fifty inches = one foot
fifty one inches = one foot
fifty two inches = one foot
fifty three inches = one foot
fifty four inches = one foot
fifty five inches = one foot
fifty six inches = one foot
fifty seven inches = one foot
fifty eight inches = one foot
fifty nine inches = one foot
sixty inches = one foot
sixty one inches = one foot
sixty two inches = one foot
sixty three inches = one foot
sixty four inches = one foot
sixty five inches = one foot
sixty six inches = one foot
sixty seven inches = one foot
sixty eight inches = one foot
sixty nine inches = one foot
seventy inches = one foot
seventy one inches = one foot
seventy two inches = one foot
seventy three inches = one foot
seventy four inches = one foot
seventy five inches = one foot
seventy six inches = one foot
seventy seven inches = one foot
seventy eight inches = one foot
seventy nine inches = one foot
eighty inches = one foot
eighty one inches = one foot
eighty two inches = one foot
eighty three inches = one foot
eighty four inches = one foot
eighty five inches = one foot
eighty six inches = one foot
eighty seven inches = one foot
eighty eight inches = one foot
eighty nine inches = one foot
ninety inches = one foot
ninety one inches = one foot
ninety two inches = one foot
ninety three inches = one foot
ninety four inches = one foot
ninety five inches = one foot
ninety six inches = one foot
ninety seven inches = one foot
ninety eight inches = one foot
ninety nine inches = one foot
one hundred inches = one foot



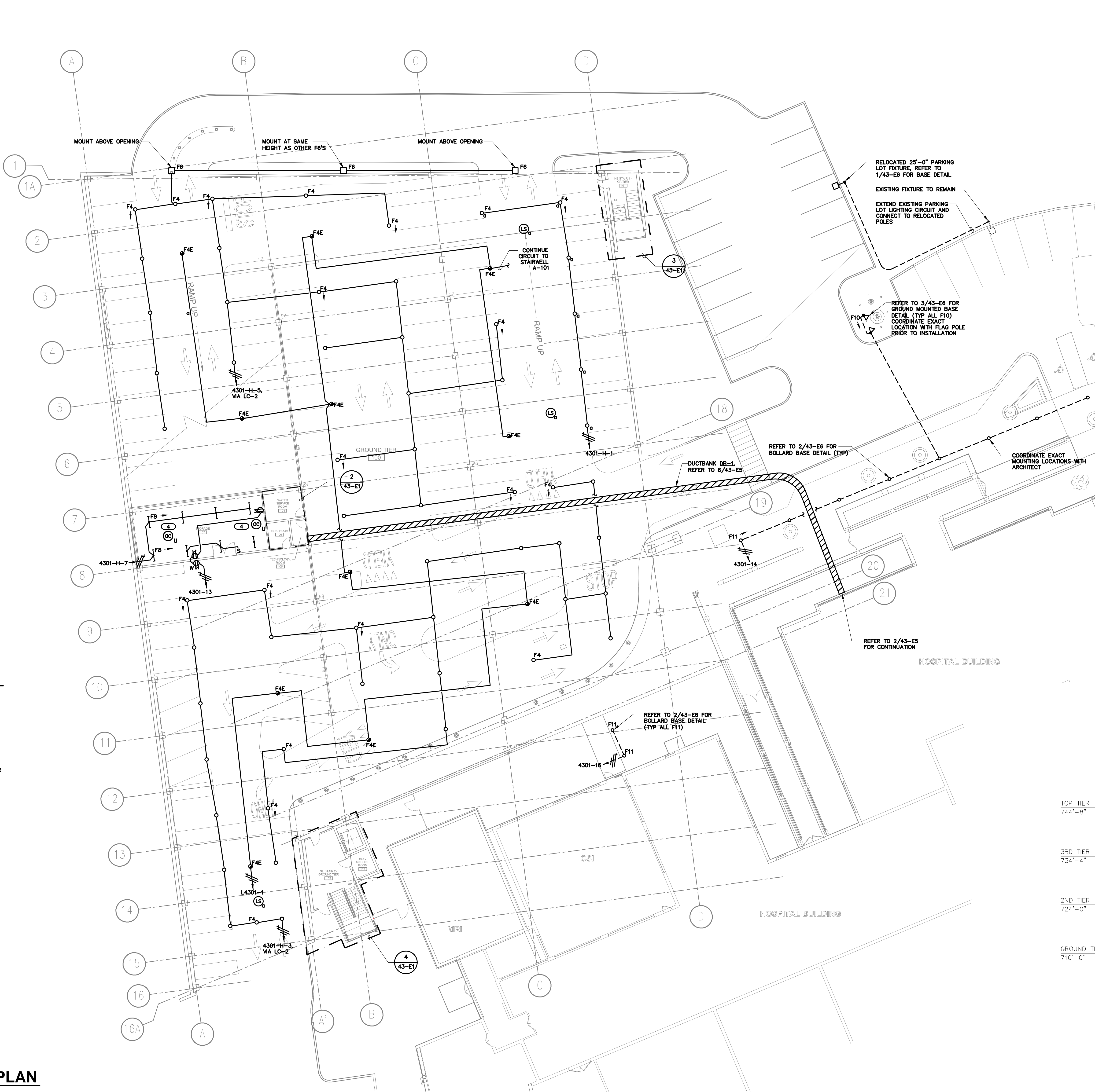
2 ENLARGED EQUIPMENT ROOM PLAN
SCALE: 1/4"=1'-0"



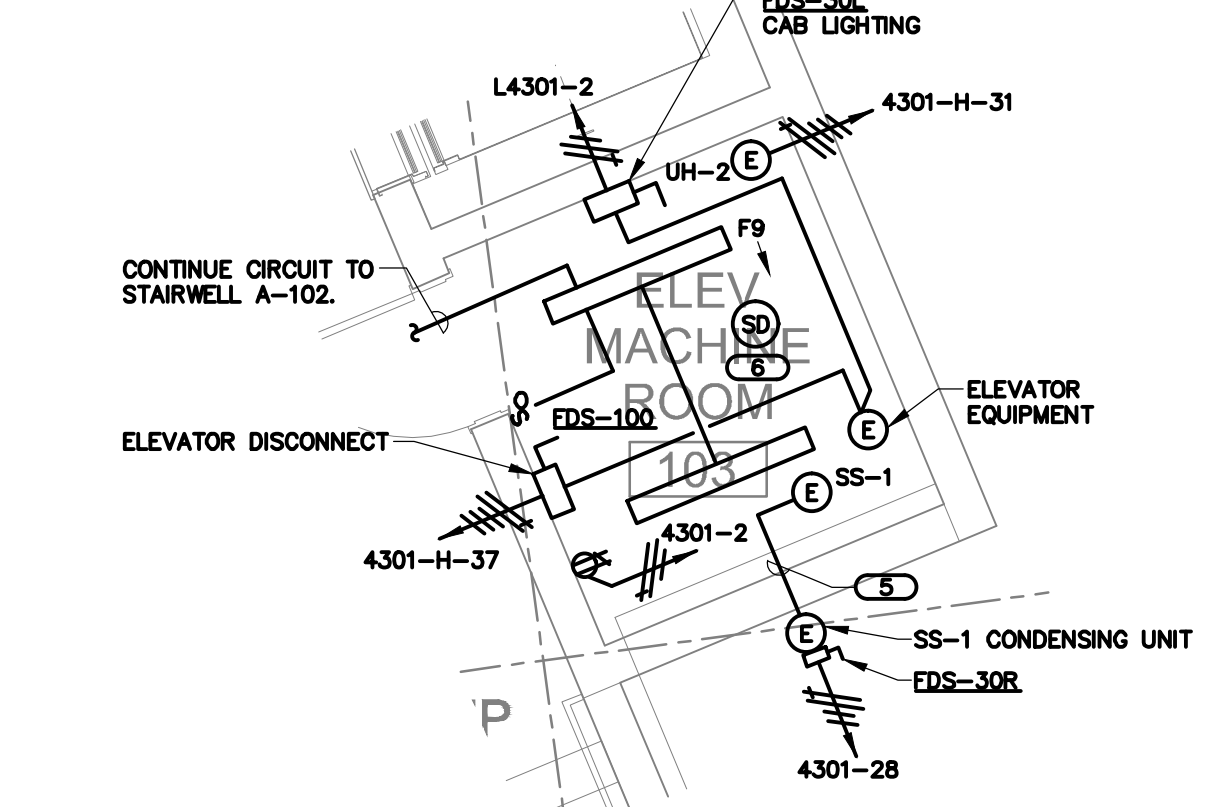
3 ENLARGED STAIRWELL A-101 PLAN
SCALE: 1/8"=1'-0"



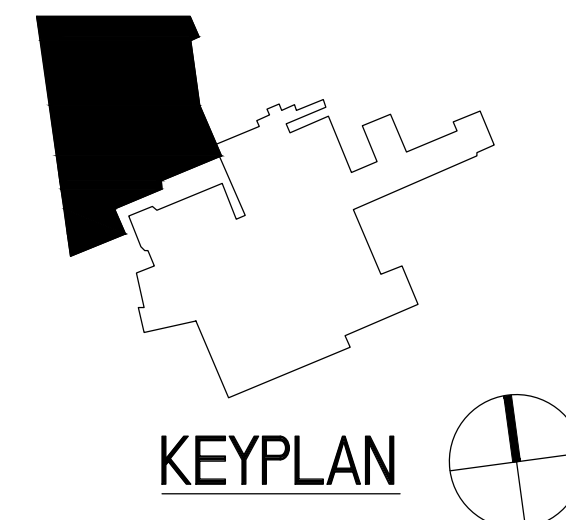
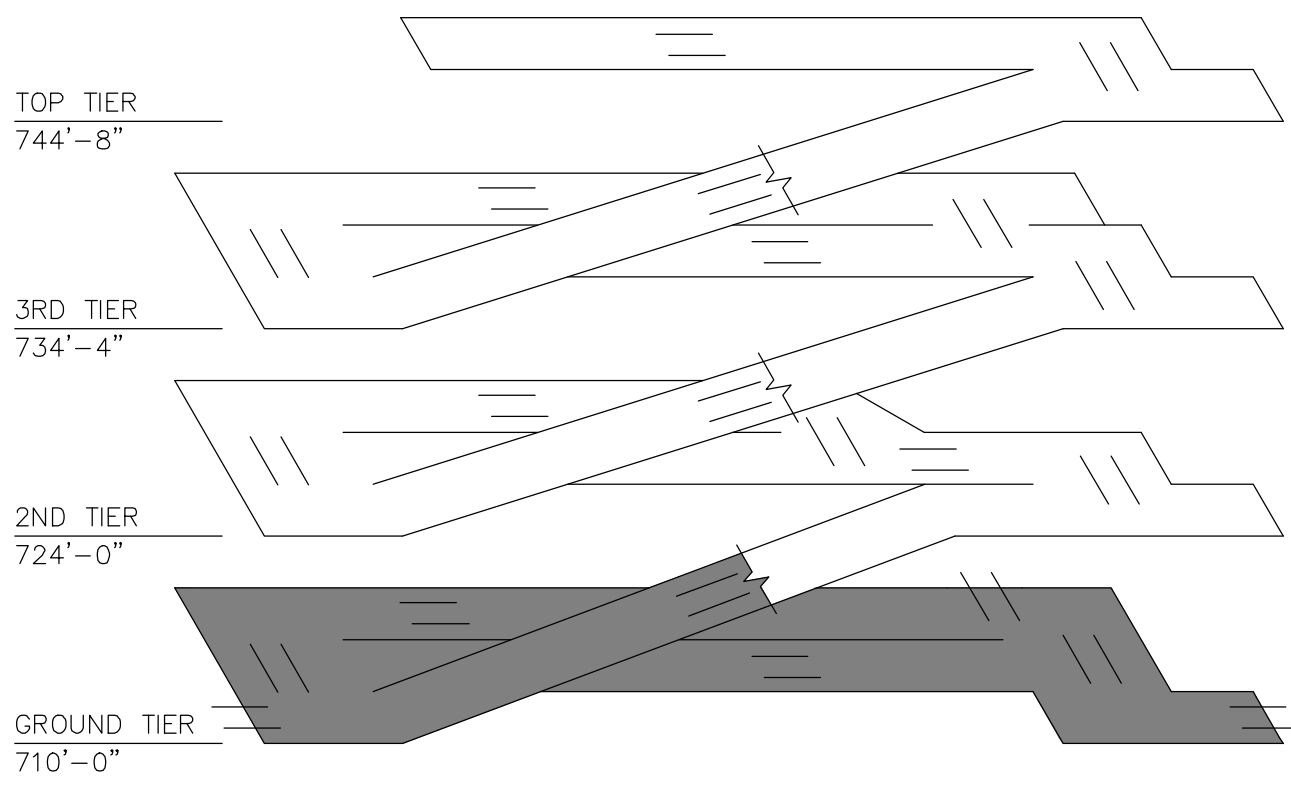
4 ENLARGED ELEVATOR LOBBY A-102 PLAN
SCALE: 1/8"=1'-0"



1 GROUND TIER PLAN - ELECTRICAL
SCALE: 1/16"=1'-0"



5 ENLARGED MACHINE ROOM PLAN
SCALE: 1/4"=1'-0"



			CONSULTANTS/ENGINEERS:			ARCHITECT:			GROUND TIER PLAN - ELECTRICAL			400 CAR PARKING GARAGE			636-402			<div>Office of Construction and Facilities Management</div> <div>Department of Veterans Affairs</div>					
			KJWW ENGINEERING CONSULTANTS Mechanical/Electrical/Plumbing Engineer			TERRACON Geotechnical Engineer			GRAEF Civil Engineer/Landscape Architect			WALKER PARKING CONSULTANTS Structural Engineer			FAITHFUL+ GOULD Cost Management						233 North Michigan Avenue Suite 3000 Chicago, Illinois 60601		
			623 26TH AVENUE ROCK ISLAND, ILLINOIS 61201 309.788.0673 Telephone 309.788.5967 Fax			2640 12TH STREET SW CEDAR RAPIDS, IOWA 52404 319.366.8321 Telephone 319.366.0032 Fax			332 SOUTH MICHIGAN, SUITE 1400 CHICAGO, ILLINOIS 60604-4367 312.582.2020 Telephone 312.939.7014 Fax			505 DAVIS ROAD BLOOM, ILLINOIS 60123 847.697.2640 Telephone 847.697.7439 Fax			222 SOUTH RIVERSIDE PLAZA, SUITE 2240 CHICAGO, ILLINOIS 60606 312.612.6319 Telephone 312.655.9037 Fax						312.565.1800 Telephone 312.565.5912 Facsimile www.lshdesign.com		
ISSUED FOR CLARIFICATION FINAL CONSTRUCTION DOCUMENTS Revisions:			07/26/13 05/30/13 Date																		Project Number Building Number 43 Drawing Number 43-E1 Dwg. 136 of 152		
												Copyright ©2013 Loebl Schlossman & Hackl Inc.											

LUMINAIRE SCHEDULE

MOUNTING: (MTG) RE - RECESSED SP - SUSPENDED CL - CEILING SURFACE WL - WALL UC - UNDER CABINET CV - COVE PL - POLE O - OTHER (SEE DESCRIPTION)	LAMP TYPE: FL - FLUORESCENT CF - COMPACT FLUORESCENT HL - HALOGEN IN - INCANDESCENT LED - LIGHT EMITTING DIODE HS - HIGH PRESSURE SODIUM MH - METAL HALIDE SMH - SUPER METAL HALIDE PSMH - PULSE START METAL HALIDE CMH - CERAMIC METAL HALIDE O - OTHER (SEE DESCRIPTION) XLP - EXTENDED LIFE & OUTPUT	LENS/LOUVER: (LL) A - 12" ACRYLIC B - BLACK BAFFLE C - CLEAR ALZAK D - PARABOLIC F - FRESNEL G - TEMPERED GLASS H - WALL WASHER K - POLYCARBONATE K - XSH12, 12" ACRYLIC K19 - XSH19, 19" ACRYLIC L - LOW RISE/CEILING SPECULAR ALUM. N - NONE R - HIGH IMPACT DR ACRYLIC O - OTHER (SEE DESCRIPTION) MBF - BALLAST FACTOR
DOOR: FA - FLAT ALUMINUM FS - FLAT STEEL RA - REGRESSED ALUMINUM RS - REGRESSED STEEL	BALLAST: (BLS) DIM - DIMMING BALLAST EB - ELECTRONIC BALLAST EM - EMERGENCY BATTERY BALLAST DALI - DIGITAL DIMMING BALLAST	MBF - BALLAST FACTOR HL - HIGH / LOW LEVEL BALLAST HP - HIGH PERFORMANCE ML - MULTI-LEVEL SWITCHING MV - MULTI-VOLTAGE ELECTRONIC
FINISH: PAF - PAINT AFTER FABRICATION CSA - FINISH SELECTION BY ARCHITECT		

CATALOG NUMBER SHALL NOT BE CONSIDERED COMPLETE AND MATERIAL SHALL NOT BE ORDERED BY MANUFACTURER AND CATALOG NUMBER ONLY. THE COMPLETE DESCRIPTION, AND THE FIRST MANUFACTURER LISTED IS THE BASIS FOR DESIGN. REFER TO SPECIFICATION SECTIONS LIGHTING 26 51 00 FOR ADDITIONAL INFORMATION AND REQUIREMENTS.

ALL LAMPS FOR THIS PROJECT SHALL BE FURNISHED AND INSTALLED BY THE ELECTRICAL CONTRACTOR UNLESS OTHERWISE NOTED. FLUORESCENT LAMP CORRELATED COLOR TEMPERATURE 3500°K, COLOR RENDERING INDEX (CRI) AT OR ABOVE 80, UNLESS NOTED OTHERWISE. COORDINATE ALL FIXTURE MOUNTING HEIGHTS WITH ARCHITECT.

ITEM	DESCRIPTION	SIZE	MTG	LAMPS	VOLTS / BLS	LL	BASIS OF DESIGN
F1	DIRECT/INDIRECT LINEAR, ALUMINUM HOUSING, WITH ANODIZED FINISH, TWO LAMPS PER 4' SECTION, FROSTED LENS, CABLE SUPPORTS, PROVIDE WITH INTEGRAL OCCUPANCY SENSOR, SUSPEND ALL LUMINAIRES AT 8'-6" AFF.	PL 2'W 5'D	SP	FL 2 32 WATT F32T8 RS	MV	A	AXIS TB-F-8-T8-2-A-UNV-ERS-1-CAW-OS
F1E	SIMILAR TO F1, EXCEPT PROVIDE WITHOUT OCCUPANCY SENSOR.						AXIS TB-F-8-T8-2-A-UNV-ERS-1-CAW
F2	SURFACE MOUNTED, DIRECT FLUORESCENT, PROVIDE WITH FROSTED, FLAT, ACRYLIC LENS.	3' DIA 8'D	CL	FL 6 24WATT FP24T8SHO	MV	A	FOCAL POINT FSD33DS18U6
F3	WHITE LINEAR VANDAL RESISTANT SURFACE LUMINAIRE, EXTRUDED MARINE GRADE ALUMINUM HOUSING, OPTIC PRISMATIC LENS, UL LISTED FOR WET LOCATIONS.	54" L 4"D 9"W	CL	FL 2 32 WATT F32T8 RS	MV	P	PHILIPS PA0232BK2VW
F4	PARKING GARAGE FIXTURE, ALUMINUM HOUSING, ACRYLIC LENS, PROVIDE WITH BIRD SHROUD, UL LISTED FOR WET LOCATIONS, FINISH SELECTED BY ARCHITECT, PROVIDE HOUSEGLARE SHIELD FOR ALL FIXTURES, INSTALL GLARE SHIELD IN FIELD AS COORDINATED WITH OWNER	15"DIA 12"H	CL	MH 1 100 WATT MH100E17	MV EB	A	LITHONIA PGR-100M-MV-HEB-BDS
F4E	SIMILAR TO F4, EXCEPT PROVIDE WITH QUARTZ RESTRIKE OPTION.						LITHONIA PGR-100M-MV-HEB-QRS-BDS
F5	DOUBLE HEAD SITE LIGHTING LUMINAIRE, ALUMINUM HOUSING, GASKETED, TEMPERED FLAT GLASS LENS, TYPE RASC DISTRIBUTION FORWARD THROW WITH SHARP CUTOFF, PROVIDE BLACK FINISH, UL LISTED FOR WET LOCATIONS, PROVIDE WITH INTEGRAL DRIVER, AND PHOTOCELL MOUNTED 12" HIGH ON 4" SQUARE STRAIGHT STEEL POLE WITH INTERNAL VIBRATION DAMPER, ANCHOR BASE AND HANDHOLE, DUAL HEAD ARRANGEMENT ON SINGLE POLE, DARK BRONZE FINISH.	22.5" L 10"W 6"H	PL @ 12"	LED 140 WATT ARRAY 5100°K INCL.	MV	G	KIM AR-LED
F6	SINGLE HEAD SITE LIGHTING LUMINAIRE, ALUMINUM HOUSING, GASKETED, TEMPERED FLAT GLASS LENS, TYPE R2 DISTRIBUTION FORWARD THROW WITH SHARP CUTOFF, UL LISTED FOR WET LOCATIONS, PROVIDE WITH INTEGRAL DRIVER, AND PHOTOCELL FIXTURE MOUNTED TO POURED CONCRETE UPON MANUFACTURERS RECOMMENDATIONS, COORDINATE WITH OTHERS, DARK BRONZE FINISH.	22.5" L 10"W 6"H	WL	LED 140 WATT ARRAY 5100°K INCL.	MV	G	KIM AR-LED
F7	WALL PACK LUMINAIRE, ACRYLIC LENS, ALUMINUM HOUSING, POWDER COAT FINISH, GASKETED, PROVIDE INTEGRAL PHOTOCELL, CSA	7.5"W 4"D 5"H	WL	LED INCL.	MV	G	PHILIPS G5MTT
F8	4' INDUSTRIAL WITH 10% UPLIGHT, WHITE ENAMEL REFLECTOR FINISH, SPRING-LOADED SOCKETS	1'x4'	SP	FL 2 32 WATT F32T8RS	MV	N	LITHONIA AF10232
F9	ENCLOSED INDUSTRIAL WITH FIBERGLASS HOUSING, STAINLESS STEEL LATCHES, MOLDED IN PLACE GASKET, PEBBLED LENS, UL WET LOCATION	7"W 9"H 4"L	CL	FL 2 32WATT F32T8 RS	MV	A	GUTH DC4
F10	FLOODLIGHT, SLIPFITTER MOUNTED, ALUMINUM HOUSING, POWDER COAT FINISH, TEMPERED GLASS LENS, GASKETED, NARROW BEAM SPREAD, DARK BRONZE FINISH.	21.5"W 27.5"H 9.5"D	O	PSMH 1 250 WATT PSMH250	MV	G	MCGRAW-EDISON AMF
F11	CYLINDRICAL BOLLARD, ALUMINUM HOUSING, ANTI-VANDAL, POLYCARBONATE DIFFUSER, POWDER PAINT CUSTOM DARK BRONZE FINISH, INTEGRAL LED DRIVER.	8"DIA 41"H	O	LED 1 48 WATT LED	120V EB	P	BEACON MTB
EX1	SINGLE-FACE COLD WEATHER EXIT SIGN, TAMPER RESISTANT, NEMA 4, CAST ALUMINUM BODY, POLY CARBONATE LENS, WHITE HOUSING, RED LETTERING	3"D 14"W 8.6"H	CL/WL	LED 1 3.2WATT L.E.D. INCL.	120V 277V	O	LITHONIA LVISW 1R 4X
EX2	SINGLE-FACE EXIT SIGN, WHITE DIE-CAST ALUMINUM BODY, RED LETTERS, UNIVERSAL ARROWS/MOUNTING.	1.8"D 11.5"W 9.5"H	CU/WL	LED 1 3.5 WATT L.E.D. INCL.	120V 277V	O	LITHONIA LES 1

DISCONNECT AND STARTER SCHEDULE

REMARKS: SA - STANDARD ACCESSORIES (INCLUDES *ITEMS) *CT - CONTROL TRANSFORMER, FUSED 100V *EO - ELECTRONIC OVERLOAD *SW - 2 SPEED, 2 WINDING *RV - REDUCED VOLTAGE AUTOXFMR *SS - SOLID STATE *MS - MANUAL STARTER *FS - FUSED SWITCH PF - PHASE FAILURE RELAY (3 HP OR GREATER) *TO - MELTING THERMAL OVERLOADS *TS - 2 SPEED SELECTOR SWITCH IN DOOR *GP - GREEN (OFF) PILOT LIGHT IN DOOR *FA - 4-CONVERTIBLE AUXILIARY CONTACTS *EI - ELECTRICAL INTERLOCK (2)A OR 0.8 (2)A/C *SS - START-STOP PUSHBUTTON IN DOOR *IL - HANDLE PADLOCK HASP									
NOTE: ALL DISCONNECTS (EXCEPT MANUAL STARTERS) SHALL BE HEAVY DUTY TYPE.									
HEAVY DUTY SWITCH									
DISCONNECT TYPE & RATING									
STARTER									
ITEM	FUSED	NON-FUSED	CIRCUIT BREAKER	VOLTAGE	POLES	NEMA SIZE	TYPE	NEMA ENCLOSURE	REMARKS
FDS-30L	30A			120/240	2			1	S/N LIGHT DUTY, FUSED AT 20 AMPS
FDS-30R	30A			600	3			3R	FUSED AT 15 AMPS
FDS-100	100A			600	3			1	FUSED PER ELEVATOR MFR

TRANSFORMER SCHEDULE

TYPE: TP1 - NEMA TP1 DRY TYPE K4 - K4 RATED DRY TYPE K13 - K13 RATED DRY TYPE HM - HARMONIC MITIGATING PE - NEMA PREMIUM EFFICIENCY AUT - AUTOTRANSFORMER BB - BUCK-BOOST LIQ - LIQUID FILLED									
REMARKS: AL - ALUMINUM WINDINGS CU - COPPER WINDINGS RS - EPOXY RESIN ENCAPSULATED FL - FILTERED NV - NON-VENTILATED NL - 200% RATED NEUTRAL EL - ELECTROSTATIC SHIELD									
ENCLOSURE: NEMA 1 UNLESS SPECIFIED OTHERWISE									
ITEM	KVA RATING	TYPE	MAX. TEMP. RISE C	PRIMARY VOLTS	SECONDARY VOLTS	% REG	TAPS	REMARKS	BASIS OF DESIGN
TR-4301	30A	TP1	150	480	208Y/ 120	3	2.5	2	SQUARE D 7401 EE3073H

GENERAL ELECTRICAL EQUIPMENT SCHEDULE

THE SYMBOLS AND THE EQUIPMENT SCHEDULE ARE FOR THE CONVENIENCE OF THE CONTRACTOR. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF QUANTITIES AND SHALL FURNISH ALL MATERIAL REQUIRED, WHETHER SPECIFIED OR NOT, TO PRODUCE A SATISFACTORY WORKING SYSTEM.			
CATALOG NUMBERS SHALL NOT BE CONSIDERED COMPLETE BUT ARE GIVEN ONLY TO AID THE CONTRACTOR IN THE SEARCH FOR MATERIAL. NO MATERIAL SHALL BE ORDERED BY MANUFACTURER AND CATALOG NUMBER ONLY. EACH CONTRACTOR SHALL FIRST READ THE COMPLETE DESCRIPTION OF THE MATERIAL ON THESE DRAWINGS AND SPECIFICATIONS. THE FIRST MANUFACTURER LISTED IS THE BASIS OF DESIGN. "STANDARD COLOR" INDICATES FACTORY FINISH AVAILABLE AT NO ADDITIONAL CHARGE.			
ITEM NO.	SYMBOL	DESCRIPTION	BASIS OF DESIGN
1	S ₃	SWITCH, THREE WAY, 120/277 VOLT 20 AMP, TOGGLE HANDLE, SIDE AND BACK WIRE,	HUBBELL HBL1223 LEVITON 1223-2 PASS & SEYMOUR PS20AC3 COOPER 2223
2	S ₀	OCCUPANCY SENSOR WALL SWITCH, PASSIVE INFRARED, ZERO CROSSING CIRCUITRY, ADJUSTABLE SENSITIVITY AND TIME DELAY, NO MINIMUM LOAD REQUIREMENTS, MANUAL OR AUTO ON OPERATION, 5 YEAR WARRANTY, INITIAL SETTINGS: 10 MINUTES, AMBIENT SENSOR 40 FC	WATT STOPPER PW-100 SERIES SENSOR SWITCH WSD HUBBELL AUTOMATION LHRS LEVITON ODS15 GREENGATE OSW-P-0451
3	Ⓞ _U	OCCUPANCY SENSOR, ULTRASONIC CEILING MOUNTED, 360 DEGREE 20'X20' HAND MOTION COVERAGE PATTERN, FREQUENCY GREATER THAN 32 KHZ SOLID STATE, ADJUSTABLE SENSITIVITY AND TIME DELAY, TEMPERATURE AND HUMIDITY RESISTANT RECEIVERS, 5 YEAR WARRANTY, SENSOR SHALL CONTROL ALL CIRCUITS IN AREA, UNLESS NOTED OTHERWISE, TIME DELAY 10 MINUTES, CONTRACTOR SHALL SUBMIT MANUFACTURER SUPPLIED SENSOR COVERAGE DRAWING FOR SHOP DRAWING REVIEW.	WATT STOPPER WT-1100 SERIES HUBBELL AUTOMATION OMN-US LEVITON OSC SERIES GREENGATE ODC-U-SERIES
4	TC-1	TIME SWITCH, 7 DAY, 2 CHANNEL, ELECTRONIC, TWO SPDT 15 AMP CONTACTS, TWO SEPARATE PROGRAMS WITH 16 SET POINTS AVAILABLE, L.C.D. DISPLAY, 12 OR 24 HOUR FORMAT, MINIMUM 100 HOURS CARRY-OVER, U.L. LISTED.	PARAGON EC72 TORK DTS 202A INTERMATIC ET70215C
5	Ⓞ _C	PHOTOCELL, 120/277 VOLT, 1800 V.A. RATED, SINGLE POLE, SINGLE THROW CONTACT, WEATHERPROOF AND CORROSION PROOF ENCLOSURE, MOUNT FACING NORTH, U.L. LISTED.	PARAGON CW-201-70 TORK 2107 INTERMATIC K4236
6	LC-2	LIGHTING CONTACTOR, ELECTRICALLY HELD, 277 VOLT COIL, 300 VOLT, 30 AMP CONTINUOUS CONTACTS, POLES AS SHOWN ON DETAIL 4/43-ES, N.E.M.A. 1 ENCLOSURE, INTERNAL HAND-OFF AUTO SELECTOR SWITCH.	SQUARE D CLASS 8903 LG SERIES GENERAL ELECTRIC CR300 CUTLER HAMMER CH300 SIEMENS LEN SERIES
7	Ⓞ	RECEPTACLE, SIMPLEX, 125 VOLT, 20 AMP, 3 WIRE GROUNDING TYPE, N.E.M.A. 5-20R, IMPACT RESISTANT THERMOPLASTIC FACE.	HUBBELL HBL5361 LEVITON 5361 PASS & SEYMOUR 5361 COOPER 5361
8	Ⓞ ₂	RECEPTACLE, DUPLEX, 125 VOLT, 20 AMP, 3 WIRE GROUNDING TYPE, N.E.M.A. 5-20R, IMPACT RESISTANT THERMOPLASTIC FACE, STEEL BACK STRAP. DOUBLE DUPLEX, CONSIST OF TWO DUPLEX RECEPTACLES, DOUBLE GANG BOX, PLASTER RING AND FACEPLATE.	HUBBELL 5352A LEVITON 5362-3 PASS & SEYMOUR 5362 COOPER 5352
9	Ⓞ ₂	RECEPTACLE, GROUND FAULT DUPLEX, 125 VOLT, 20 AMP, 3 WIRE GROUNDING TYPE, N.E.M.A. 5-20R, TEST AND RESET BUTTONS IN IMPACT RESISTANT THERMOPLASTIC FACE. DOUBLE DUPLEX, CONSIST OF TWO DUPLEX RECEPTACLES, DOUBLE GANG BOX, PLASTER RING AND FACEPLATE.	HUBBELL GF20L LEVITON 7899 PASS & SEYMOUR 2085 COOPER VGF20
10	Ⓞ _W	RECEPTACLE, GROUND FAULT DUPLEX, WEATHER RESISTANT, WEATHERPROOF COVERPLATE, 125 VOLT, 20 AMP, 3 WIRE GROUNDING TYPE, N.E.M.A. 5-20R, TEST AND RESET BUTTONS IN IMPACT RESISTANT THERMOPLASTIC FACE, NEMA 3R RATED WHILE IN USE, CAST ALUMINUM, NON-LOCKING, STANDARD DEPTH, VERTICAL MOUNT.	HUBBELL GF20L/WP826 LEVITON 7899/M5979 PASS & SEYMOUR 2085/WUCAST1 COOPER VGF20/MUMV-1
11	Ⓞ _E	ELECTRICAL CONNECTION TO EQUIPMENT AND MOTORS, SIZE PER N.E.C. COORDINATE REQUIREMENTS WITH CONTRACTOR FURNISHING EQUIPMENT OR MOTOR. REFER TO SPECIFICATIONS AND GENERAL INSTALLATION NOTES FOR TERMINATIONS TO MOTORS.	REFER TO SPECIFICATIONS
12	Ⓞ ₄₃₀₁	PANELBOARD, SURFACE MOUNT, 208/120 VOLT, 3 PHASE, 4 WIRE, S/NL GROUND BUS, COPPER BUS, BOLT-ON BREAKERS, NEMA 1 ENCLOSURE, REFER TO SCHEDULES FOR SIZE AND CONFIGURATION, REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.	SQUARE D NQ
13	Ⓞ _{4301-H}	PANELBOARD, SURFACE MOUNT, 480/277 VOLT, 3 PHASE, 4 WIRE, S/NL GROUND BUS, COPPER BUS, BOLT-ON BREAKERS, NEMA 1 ENCLOSURE, REFER TO SCHEDULES FOR SIZE AND CONFIGURATION, REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.	SQUARE D NF
14	DB-1	CONCRETE ENCASED DUCTBANK, 4 CELL, REFER TO DETAIL 6/43-ES.	
15	Ⓞ _#	DAYLIGHT LEVEL SENSOR, ON/OFF CONTROL, RANGE OF 10-200 FC, ADJUSTABLE DEADBAND PREVENTS CYCLING, ADJUSTABLE TIME DELAY, # SUBSCRIPT INDICATES FIXTURE OR GROUP OF FIXTURES TO BE CONTROLLED BY DAYLIGHT LEVEL SENSOR.	WATT STOPPER LS-100 SENSOR SWITCH ON-FC HUBBELL INC. DLCPFC OR DHAP SERIES
16	Ⓞ ₂₀	SMOKE DETECTOR, STANDALONE, 120 VAC WITH 9V BATTERY BACKUP (BATTERIES SUPPLIED BY CONTRACTOR), PHOTOELECTRIC TYPE, INTEGRAL TEST SWITCH, FORM A/FORM C CONTACTS, 90 DB PIEZO SOLID STATE HORN, LOW/MESSING BATTERY ALARM, PULSING LED SENSING CHAMBER, INSECT SCREEN, LED CONDITION INDICATOR, UL 217 LISTED, PROVIDE RELAYS OR ADDITIONAL CONTACTS AS REQUIRED FOR ELEVATOR REGCALL SYSTEM, ROUTE INDIVIDUAL 2-CONDUCTOR WIRING FROM EACH DETECTOR TO THE ELEVATOR CONTROLLER.	GENTEX 8120 SERIES SYSTEM SENSOR FENWALL GAWEMELL

CONSULTANTS/ENGINEERS:

KINW ENGINEERING CONSULTANTS
Mechanical/Electrical/Plumbing Engineer
823 26TH AVENUE
RIVER BLAIND, ILLINOIS 61201
309.788.0673 Telephone
309.788.5967 Fax

TERRACON
Geotechnical Engineer
2640 12TH STREET SW
CEDAR RAPIDS, IOWA 52404
319.366.8321 Telephone
319.366.0032 Fax

GRAEF
Civil Engineer/Landscape Architect
332 SOUTH MICHIGAN, SUITE 1400
CHICAGO, ILLINOIS 60604-4367
312.612.6319 Telephone
312.655.9037 Fax

WALKER PARKING CONSULTANTS
Structural Engineer
505 DAVIS ROAD
ELGIN, ILLINOIS 60123
847.697.2640 Telephone
847.697.7439 Fax

FAITHFUL+GOLD
Cost Management
222 SOUTH RIVERSIDE PLAZA, SUITE 2240
CHICAGO, ILLINOIS 60606
312.612.6319 Telephone
312.655.9037 Fax

ARCHITECT:

Loebl Schlossman & Hackl
Architecture•Planning•Interiors

233 North Michigan Avenue
Suite 3000
Chicago, Illinois 60601

312.565.1800 Telephone
312.565.5912 Facsimile
www.lshdesign.com

SCHEDULES - ELECTRICAL

Approved: Project Director

Iowa City VA Healthcare System
Department of Veterans Affairs Medical Center

400 CAR PARKING GARAGE

IOWA CITY, IA

07/26/2013

BRIWEG

MATSNY

636-402

43

43-E7

143 of 152

Office of
Construction
and Facilities
Management

Department of
Veterans Affairs