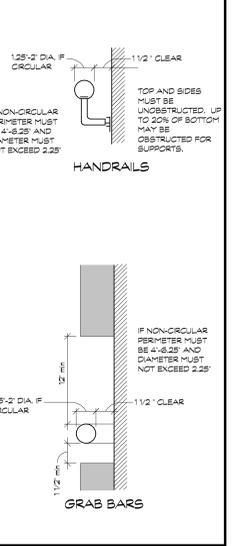
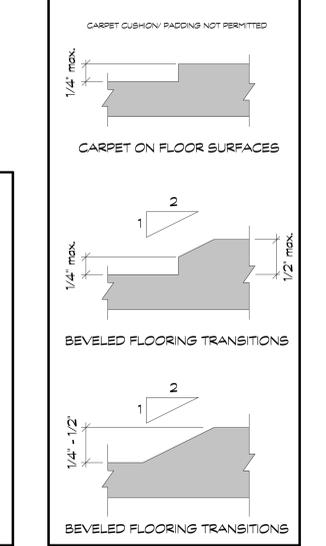
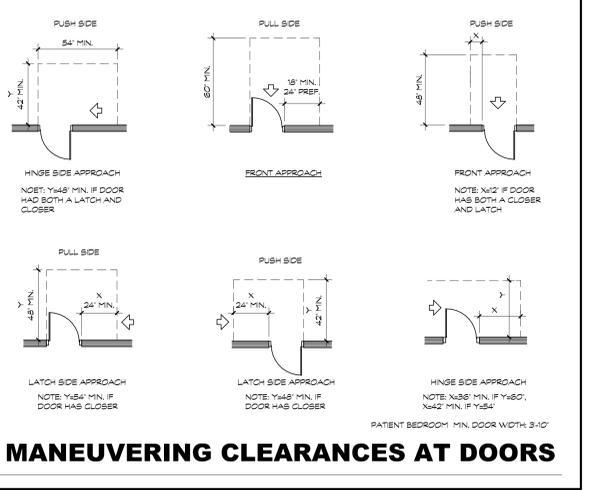
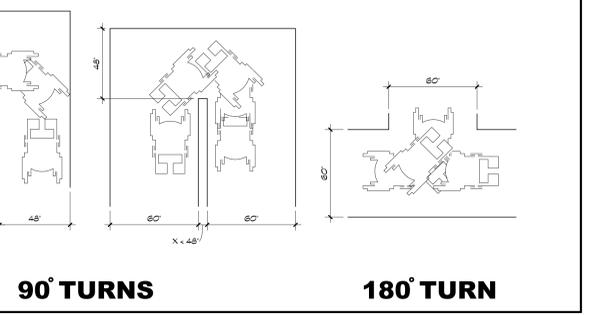
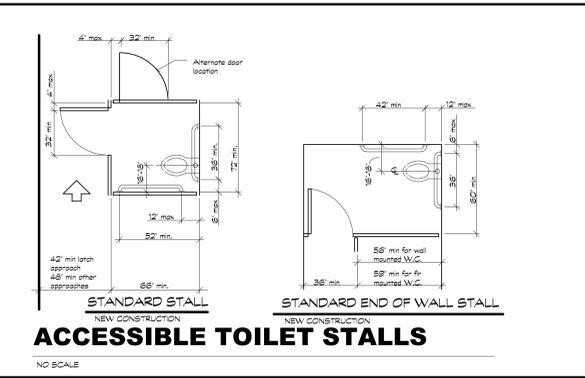
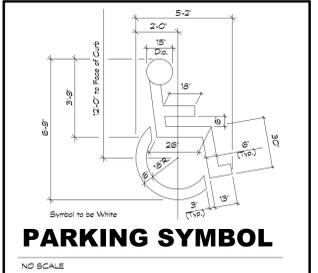
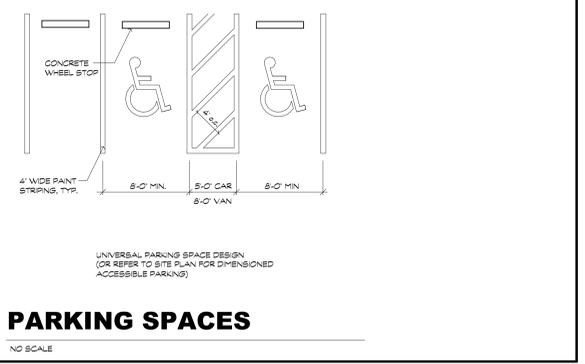
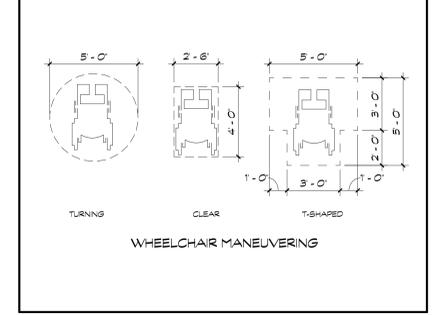
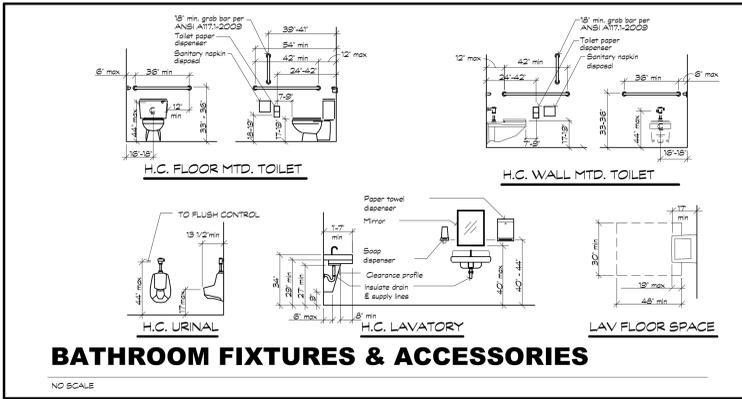
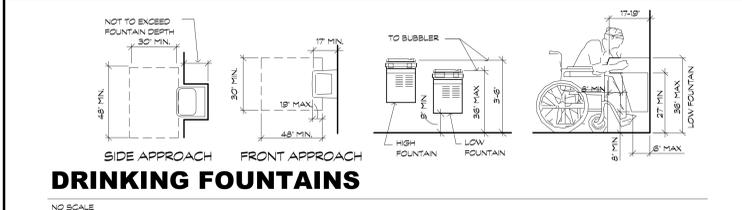
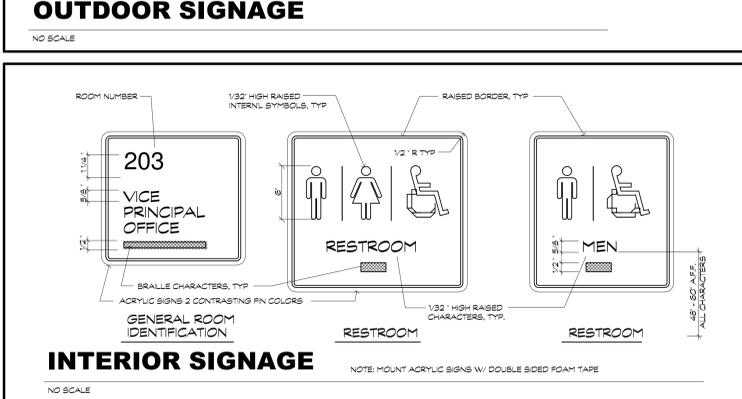
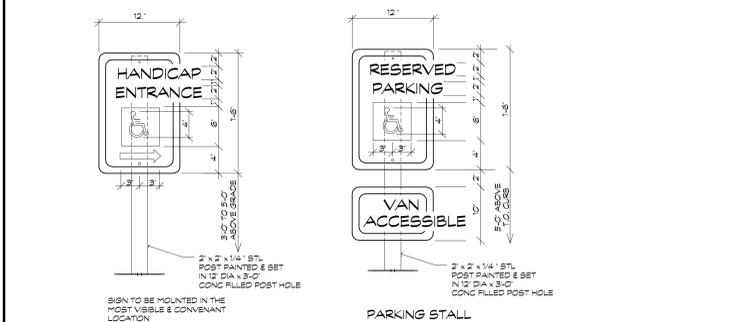
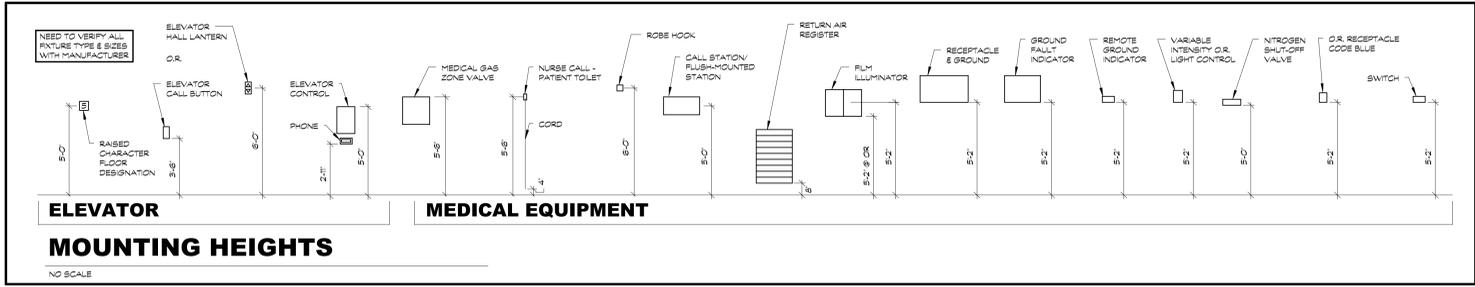
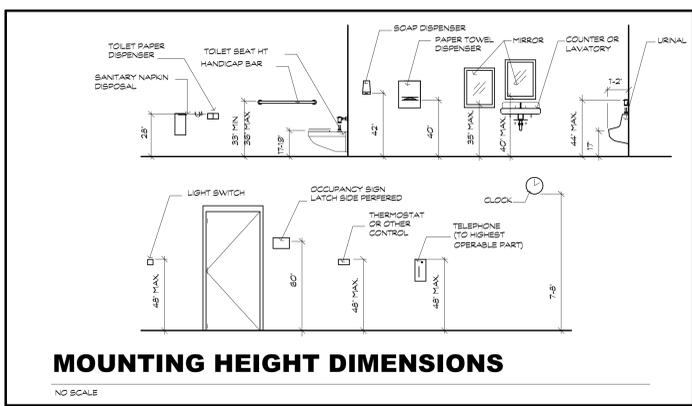
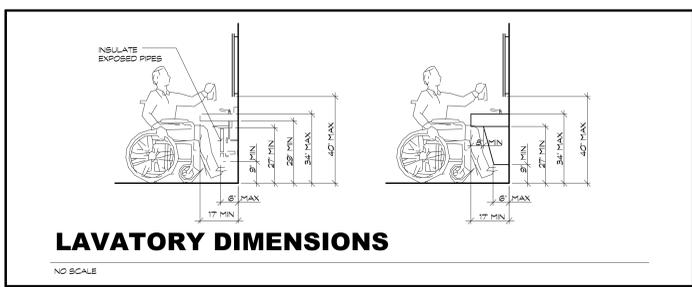
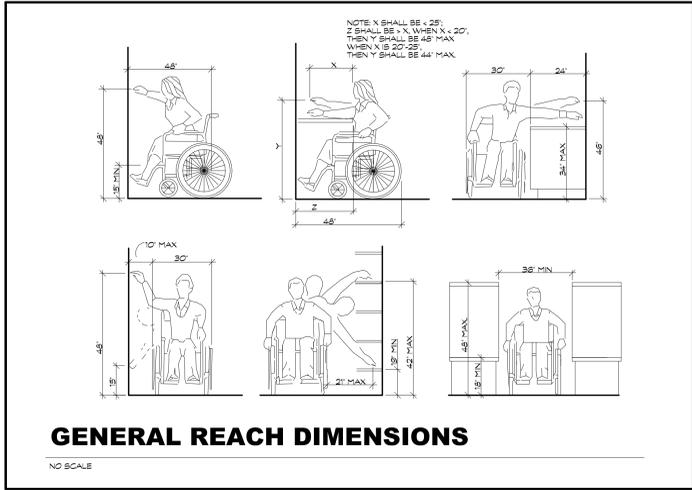
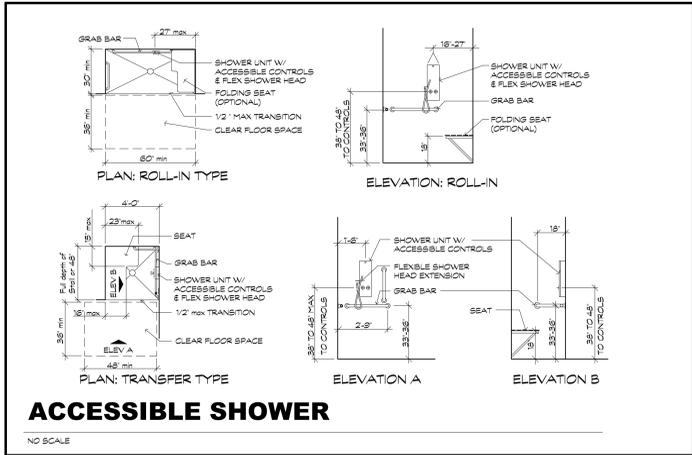


three inches = one foot
 one and one half inches = one foot
 one inch = one foot
 three quarters inch = one foot
 one half inch = one foot
 three eighths inch = one foot
 one eighth inch = one foot



GENERAL NOTES

ALL CONSTRUCTION & RENOVATION SHALL MEET THE UNIFORM FEDERAL ACCESSIBILITY STANDARDS (UFAS), ADA ACCESSIBILITY GUIDELINES FOR BUILDINGS & FACILITIES (AGAG), & ARCHITECTURAL BARRIERS ACT ACCESSIBILITY STANDARDS (ABAAS).

SUPPLEMENTAL TO THE (ABAAS), CONSTRUCTION & RENOVATION IN HEALTH FACILITIES OF THE DEPARTMENT OF VETERANS AFFAIRS (VA) SHALL COMPLY WITH THE BARRIER FREE DESIGN GUIDE, A SUPPLEMENT TO THE ARCHITECTURAL BARRIERS ACT ACCESSIBILITY STANDARDS (ABAAS).

Revisions:	Date:

CONSULTANTS:

OFFEROR:

ARCHITECT/ENGINEERS:

Drawing Title: **ACCESSIBILITY**

Approved: Project Director

Project Title: **CONSTRUCT PATIENT EDUCATION CENTER**

Location: **Columbia, Missouri**

Date: **5/28/2015**

Checked: **Checker**

Drawn: **JWRIGHT**

Project Number: **589A4-C51-200**

Building Number: **1**

Drawing Number: **GI-002**

Dwg. of: **--**

Office of Construction and Facilities Management

Department of Veterans Affairs

CODE INFORMATION

PROJECT INFORMATION:

- CONSTRUCTION PURPOSE: ADDITION / RENOVATION
- REASON FOR SUBMITTAL: NEW CONSTRUCTION
- CERTIFY THAT TO THE BEST OF OUR KNOWLEDGE THE SUBMITTED PLANS FOR THE ABOVE-REFERENCED PROJECT COMPLY WITH THE REQUIREMENTS OF THE FOLLOWING:
 - 2015 LIFE SAFETY CODE (NFPA 101)
 - 2014 NATIONAL ELECTRICAL CODE (NFPA 70)
 - CURRENT ABA ACCESSIBILITY STANDARDS
 - 2014 INTERNATIONAL BUILDING CODE (IBC)
 - 2014 INTERNATIONAL MECHANICAL CODE (IMC)
 - 2014 INTERNATIONAL PLUMBING CODE (IPC)
- LOCATION OF ANTICIPATED FUTURE ADDITIONS: UNKNOWN
- OWNER: HARRY S. TRUMAN MEMORIAL VETERANS HOSPITAL, 800 HOSPITAL DRIVE, COLUMBIA, MO 65201, PH (314) 814-8000
- DESIGN TEAM:
 - ARCHITECT: HEALTH FACILITIES GROUP, LLC, 1424 N. MOBILE ST., SUITE 300, WICHITA, KS 67202, 316-262-2500, CONTACT: BEN HARVEY
 - DESIGN CONSULTANTS: KH ENGINEERING GROUP, P.A., 1537 W. 85TH ST., LENEXA, KS 66215, 913-658-8981, PROFESSIONAL ENGINEERS CONSULTANTS, 303 S. TOPEKA, WICHITA, KS 67202, 316-262-0891, CONTACT: NAME: KATHY HANSEN, KHAHEN@KHGROUP.COM, NAME: BRIAN HENRY, BRIAN@KHGROUP.COM, NAME: BRETT WALBRIDGE, BRETT@KHGROUP.COM, NAME: JOY MARTIN, JOY@KHGROUP.COM
- ARCHITECTS SEAL: SEE STAMP AT RIGHT
- FIRE SERVICE: COLUMBIA, MISSOURI FIRE DEPARTMENT
- INSPECTION: VISION SAFETY OFFICER
- OCCUPANCY GROUP TYPE: OCCUPANCY 1 - NEW HEALTH CARE, OCCUPANCY 2 - NEW AMBULATORY HEALTH CARE
- CONSTRUCTION TYPE: TYPE I (332) PER NFPA
- STRUCTURAL CODE REQUIREMENTS:
 - A. ALLOWABLE FLOOR AREA FROM NFPA 5000 TABLE 7.4.1:
 - TOTAL ALLOWABLE FLOOR AREA: UNLIMITED
 - NEW FLOOR AREA ADDED W/ THIS PROJECT:
 - OCCUPANCY 1 - NEW HEALTH CARE: LOWER LEVEL = 8130 SF
 - OCCUPANCY 2 - NEW AMBULATORY HEALTH CARE: LOWER LEVEL = 1815 SF
 - GRAND TOTAL = 9945 SF
 - B. ALLOWABLE HEIGHT CALCULATIONS:
 - OCCUPANCY 1 - NEW HEALTH CARE:
 - TYPE OF CONSTRUCTION: TYPE I (332)
 - ALLOWABLE STOREYS: UNLIMITED
 - ALLOWABLE HEIGHT: N/A
 - ACTUAL STOREYS: 1
 - ACTUAL HEIGHT: 20'-6"
 - NO HEIGHT MODIFICATIONS REQUIRED
 - OCCUPANCY 2 - NEW AMBULATORY HEALTH CARE:
 - TYPE OF CONSTRUCTION: TYPE I (332)
 - ALLOWABLE STOREYS: UNLIMITED
 - ALLOWABLE HEIGHT: N/A
 - ACTUAL STOREYS: 1
 - ACTUAL HEIGHT: 20'-6"
 - NO HEIGHT MODIFICATIONS REQUIRED

ALLOWABLE AREA CALCULATIONS:

NO AREA MODIFICATIONS TAKEN

C. FIRE-RESISTANCE RATING FOR BUILDING ELEMENTS: TYPE I (332)

- BEARING WALLS:
 - A. EXTERIOR: 3HR
 - B. INTERIOR: 2HR
- NON-BEARING WALLS:
 - A. EXTERIOR: 0HR, 1HR, SEE NFPA 5000 TABLE 7.3.2.1
 - B. INTERIOR: 0HR
- COLUMNS: 2HR
- BEAMS, GIRDERS, TRUSSES, AND ARCHES: 2HR
- FLOOR/CEILING ASSEMBLIES: 2HR
- ROOF/CEILING ASSEMBLIES: 1.5HR
- SHAFT ENCLOSURES: 1HR, NFPA 101 § 8.6, 19.3.1

OTHER REQUIREMENTS:

- NFPA 101 19.3.2.1: 1HR OCCUPANCY SEPARATION REQUIRED AT STORAGE ROOMS OVER 100 SF (NEW HEALTH CARE OCCUPANCY)
- NFPA 101 TABLE 8.13.4.1 (4): 2HR OCCUPANCY SEPARATION REQUIRED BETWEEN NEW HEALTH CARE OCCUPANCY & NEW AMBULATORY HEALTH CARE OCCUPANCIES

14. ACTIVE FIRE SAFETY SYSTEMS

*NOTE: ALL AREAS OF NEW & EXISTING CONSTRUCTION OF THIS PROJECT WILL BE FULLY SPRINKLERED. SPRINKLER SYSTEM SHALL COMPLY WITH NFPA 13 IN ALL AREAS.

- SMOKE DETECTORS THROUGHOUT
- GENERATOR POWERED EMERGENCY LIGHTING
- PORTABLE EXTINGUISHERS
- AUTOMATIC ABANDONING SHUT-DOWN
- FIRE ALARM SYSTEM

- WATER SUPPLY: CITY OF COLUMBIA, MISSOURI
- SEWAGE TREATMENT: CITY OF COLUMBIA, MISSOURI
- HANDICAP PROVISIONS: ACCESSIBLE ROUTE, TOILETS, LAVATORIES, SIGNAGE AND PARKING

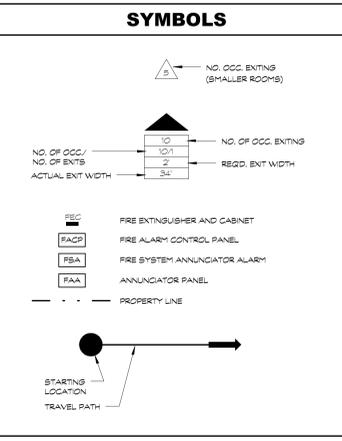
NOTES

(A) DAMPERS ARE NOT REQUIRED IN DUCT PENETRATIONS OF SMOKE BARRIERS WHERE HVAC SYSTEMS ARE FULLY DUCTED (NFPA 8.3.3.3)

(B) AIR TRANSFER OPENINGS IN SMOKE PARTITIONS SHALL HAVE DAMPERS (NFPA 8.4.6.2, NFPA 8.4.6.3, NFPA 8.4.6.4)

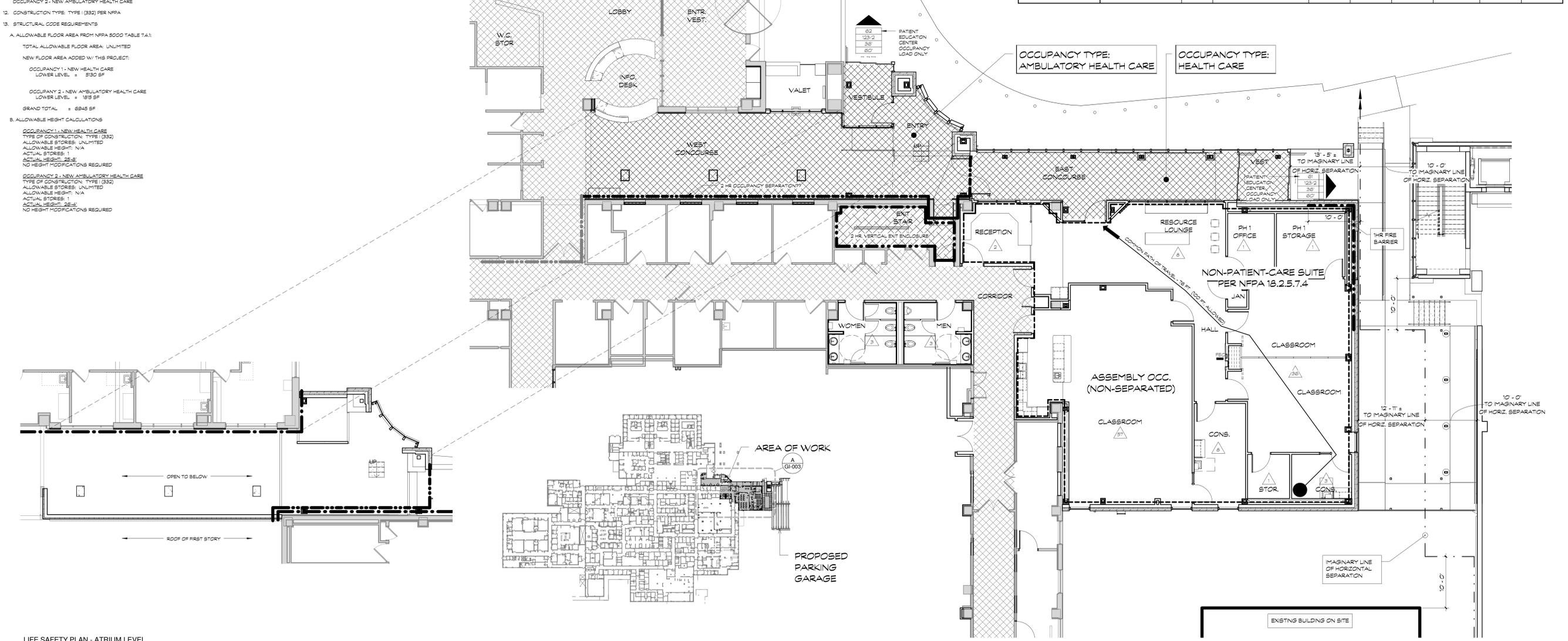
(C) NOT USED

(D) TRANSFER GRILLES REGARDLESS OF WHETHER THEY ARE PROTECTED ARE NOT ALLOWED IN THESE DOORS OR WALLS (NFPA 19.3.6.4)



BUILDING & LIFE SAFETY REQUIREMENTS

EXISTING PARTITION KEY	NEW PARTITION KEY	WALL RATING	DESCRIPTION	NFPA 101 2012 (ENST-HC)	NFPA 101 2015 (NFPA-HC)	OPENINGS RATING	OPENINGS RRNC	DAMPERS TYPE	DAMPERS RRNC
[Symbol]	[Symbol]	2 HR	OCCUPANCY/AREA SEPARATION FIRE BARRIER	NFPA 8.3.14 NFPA 8.3	NFPA 8.3.14 NFPA 8.3	80 MIN	NFPA 8.3.4.2	FIRE 80 MIN	NFPA 8.3.5.7 IBC 717.5.2
[Symbol]	[Symbol]	2 HR	HORIZONTAL ENT. (REFUGE AREA) FIRE BARRIER	NFPA 8.3.14 NFPA 8.3	NFPA 8.3.14 NFPA 8.3	80 MIN	NFPA 8.3.4.2	FIRE 80 MIN	NFPA 7.2.4.3.5(2) IBC 707.10.1 IBC 717.3.2 IBC 717.3.2
[Symbol]	[Symbol]	2 HR	VERT. OPS. (ENT ENCLSR-SHAFT) FIRE BARRIER (2 HR + 4 OR MORE STOREYS) (1 HR + LESS THAN 4 STOREYS)	NFPA 19.3.1 NFPA 8.6	NFPA 19.3.1 NFPA 8.6	80 MIN	NFPA 8.3.4.2	NOT ALLOWED	NFPA 8.3.5.4 IBC 702.5 IBC 717.5.2
[Symbol]	[Symbol]	2 HR	ENT. PASSAGEWAY (HORIZ.) FIRE BARRIER	NFPA 19.2.2.7 NFPA 7.2.6	NFPA 19.2.2.7 NFPA 7.2.6	45 MIN	NFPA 8.3.4.2	NOT ALLOWED	NFPA 8.3.5.7 IBC 717.5.2 IBC 1025.6
[Symbol]	[Symbol]	1 HR	COMMUNICATING SPACE SEPARATION SMOKE BARRIER	NFPA 8.6.6	NFPA 8.6.6	NR	NFPA 8.5.4	FIRE 80 MIN SEE NOTE (A)	NFPA 8.5.5.2 IBC 8.5.5.3 (8)
[Symbol]	[Symbol]	1 HR	HAZ./INCIDENTAL USE FIRE BARRIER	NFPA 19.3.2.1 NFPA 8.7.1.1	NFPA 19.3.2.1 NFPA 8.7.1.1	45 MIN	NFPA 8.7.1.3	FIRE 80 MIN	NFPA 8.3.5.7 IBC 717.5.2 IBC 717.5.2
[Symbol]	[Symbol]	NR	HAZ./INCIDENTAL USE SMOKE PARTITIONS (SPRINKLERED)	NFPA 8.7.1.2	NFPA 8.7.1.2	NR	SELF OR AUTO CLOSING	SEE NOTE (B)	NFPA 8.4.6
[Symbol]	[Symbol]	1 HR	SUBDIVISION SPACES SMOKE BARRIER (1-2 OCCUPANCY)	NFPA 19.3.7.1	NFPA 19.3.7.1 NFPA 19.3.7.3	20 MIN	NFPA 8.3.4.2	SMOKE 80 MIN SEE NOTE (A)	NFPA 8.5.5.2 IBC 717.5.2 IBC 717.5.2
[Symbol]	[Symbol]	NR	SUITE SEPARATION SMOKE PARTITION	NFPA 19.2.5.7(1.2)	NFPA 19.2.5.7(1.2)	NR	SELF OR AUTO CLOSING	SEE NOTE (B)	NFPA 8.4.6
[Symbol]	[Symbol]	NR	ENT. ACCESS CORRIDORS SMOKE LIMITED (SPRINKLERED)	NFPA 19.3.6.2	NFPA 19.3.6.2	NR	NFPA 19.3.6.3	SEE NOTE (C)	NFPA 19.3.6.4.1



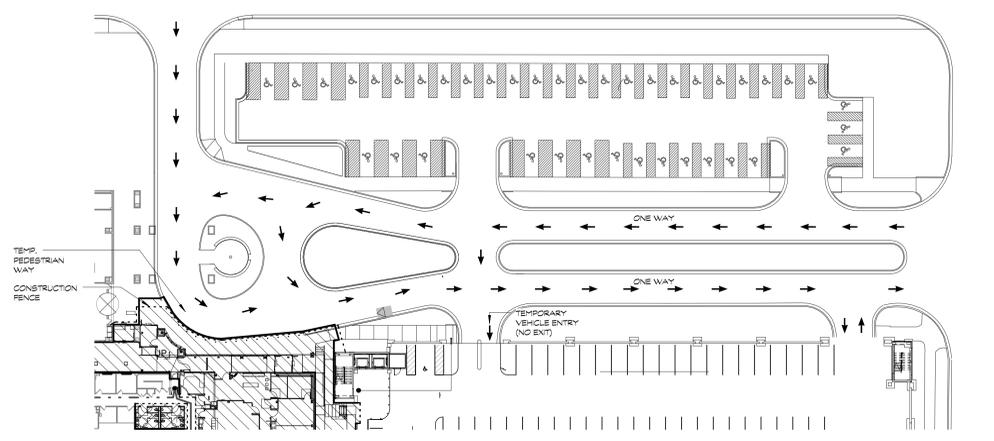
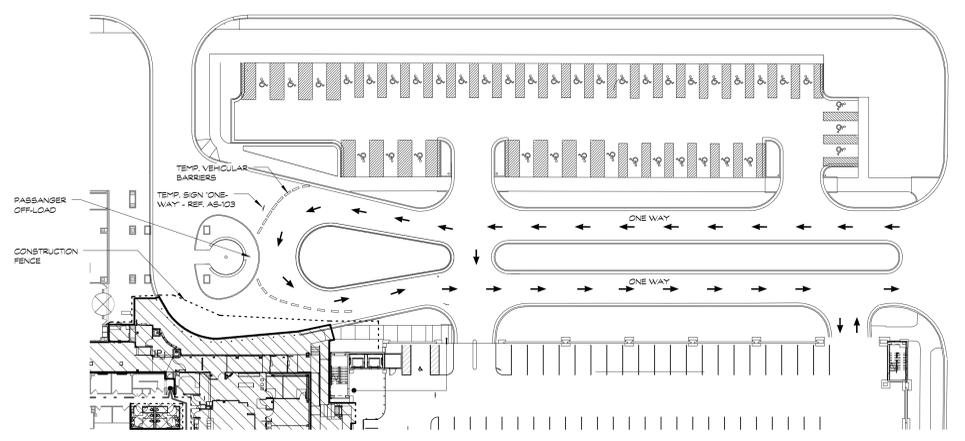
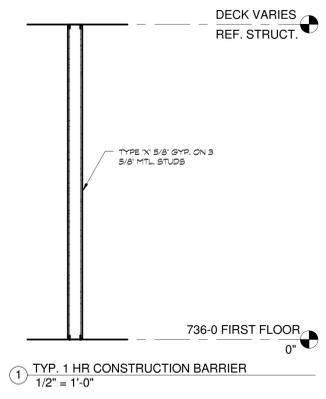
LIFE SAFETY PLAN - ATRIUM LEVEL (SECOND FLOOR OF ACA)
1/8" = 1'-0"

KEY PLAN - FIRST FLOOR - LIFE SAFETY
1" = 100'-0"

LIFE SAFETY PLAN
1/8" = 1'-0"

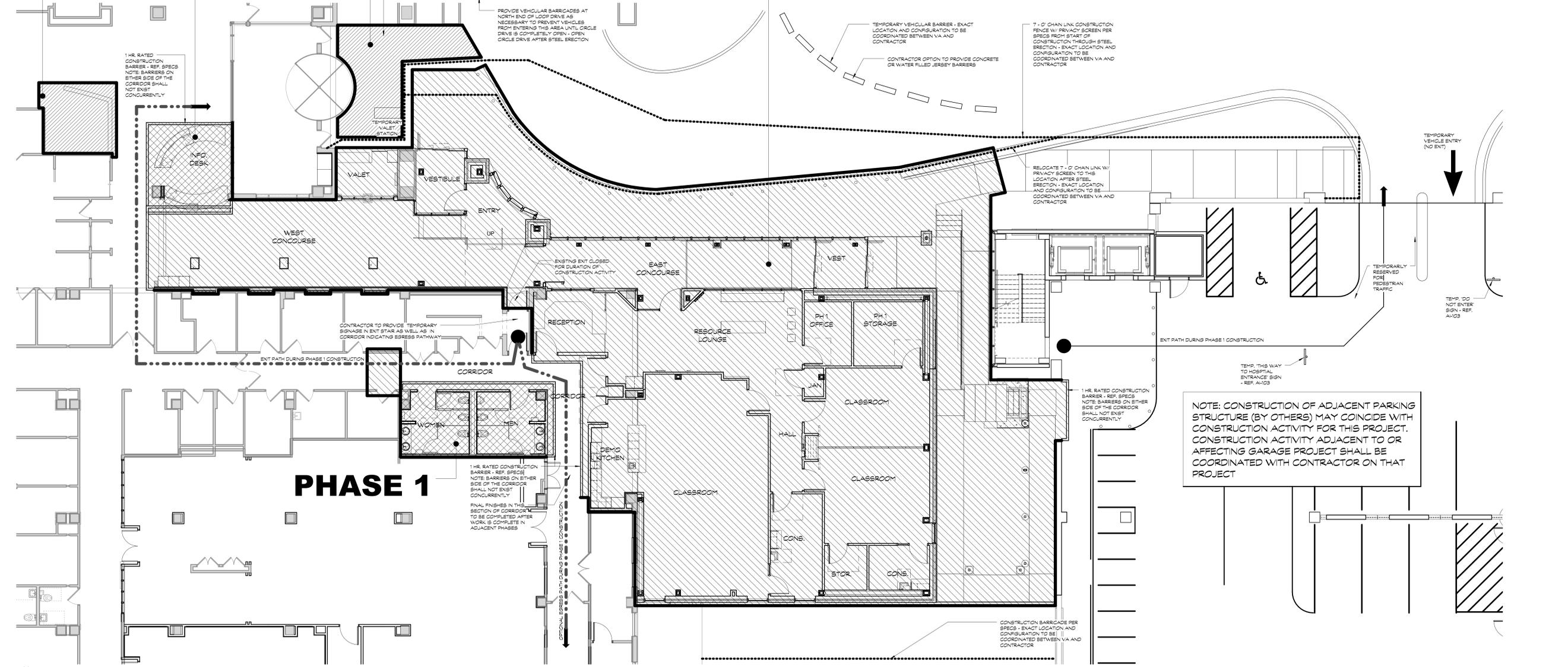
<p>Revisions:</p> <table border="1"> <tr> <th>No.</th> <th>Description</th> <th>Date</th> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </table>	No.	Description	Date				<p>CONSULTANTS:</p>	<p>OFFEROR:</p>	<p>ARCHITECT/ENGINEERS:</p>	<p>Drawing Title</p> <p>LIFE SAFETY PLAN</p>	<p>Project Title</p> <p>CONSTRUCT PATIENT EDUCATION CENTER</p>	<p>Project Number</p> <p>589A4-CSI-200</p>	<p>Office of Construction and Facilities Management</p> <p>Department of Veterans Affairs</p>
	No.	Description	Date										
<p>Approved: Project Director</p>	<p>Location</p> <p>Columbia, Missouri</p>	<p>Building Number</p> <p>1</p>											
<p>Date</p> <p>5/28/2015</p>	<p>Checked</p> <p>Checker</p>	<p>Drawn</p> <p>Author</p>	<p>Drawing Number</p> <p>GI-003</p>	<p>Dwg. of --</p>									

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



PHASE 3
PHASE 1

PHASE 2



FLOOR PLAN - PHASING
1/8" = 1'-0"

1/8" = 1'-0"

Revisions: _____ Date _____ VA FORM 08-6231	CONSULTANTS:	OFFEROR:	ARCHITECT/ENGINEERS:	Drawing Title PHASING PLAN	Project Title CONSTRUCT PATIENT EDUCATION CENTER	Project Number 589A4-CSE-200	Office of Construction and Facilities Management Department of Veterans Affairs
	Date: 5/28/2015	Checked: _____ Checker: _____	Drawn: _____ Author: _____	Approved: Project Director	Location Columbia, Missouri	Building Number 1	