

# VA HEALTH CARE SYSTEM

## VAS 438-16-104 BLDG. 5 CHAPEL

### SIOUX FALLS, SD 57105

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  
one eighth inch = one foot

### ABBREVIATIONS

ACT	ACOUSTICAL CEILING TILE	GA	GALVE	R	RISER
AFT	ABOVE FINISH FLOOR	GALV	GALVANIZED	R#	R-VALLE
ALT	ALTERNATE	GFCR	GLASS-FIBER REINFORCED CONCRETE	RD	RESILIENT BASE
ALUM	ALUMINIUM	GRC	GLASS-REINFORCED CONCRETE	RCP	REFLECTED CEILING PLAN
ARCH	ARCHITECTURAL / ARCHITECT	GLU LAM	GLUE LAMINATED WOOD	RD	ROOF DRAIN
BD	BOARD	GYP BD	GYPSUM BOARD	REF	REFRIGERATOR
BLDG	BUILDING	H	HIGH / HEIGHT	RESIL	RESILIENT
BLKG	BLOCKING	HM	HOLLOW METAL	REV	REVISION
BO_	BOTTOM OF	HORIZ	HORIZONTAL	RF	RESILIENT FLOORING
CP/CI	CONTRACTOR FURNISHED / CONTRACTOR INSTALLED	HR	HAND RAIL	RM	ROOM
CP/CI	CONTRACTOR FURNISHED / CONTRACTOR INSTALLED	HVAC	HEATING, VENTILATING AND AIR CONDITIONING	RCP	ROUGH OPENING
CS	CORNER GUARD	INT	INTERIOR	RS	RESINOUS FLOORING
CJ	CONTROL JOINT	INT	INTERIOR	RTU	ROOF TOP UNIT
CL	CENTER LINE	JAN	JANITOR	S	SOUTH
CMU	CONCRETE MASONRY UNIT	JT	JOINT	SCH	SCHEDULE
CP	CARPET	L	ANGLE (SIZE)	SF	SQUARE FEET
CR	CARD READER	MAX	MAXIMUM	SIM	SIMILAR
CT	CERAMIC TILE	MECH	MECHANICAL	SPEC	SPECIFICATION
D	DEEP / DEPTH	MEZ	MEZZANINE	SS	STAINLESS STEEL
DA	DIAMETER	MFR	MANUFACTURER	STOR	STORAGE
DIAG	DIAGONAL	MIN	MINIMUM	STRUCT	STRUCTURAL
DISP	DISPENSER	MIS	MISCELLANEOUS	T	TREAD
DN	DOWN	MOC	MASONRY OPENING	T&G	TONGUE AND GROOVE
DS	DOWNSPOUT	N	NORTH	TLT	TOILET
E	EAST	NA	NOT APPLICABLE	TOP OF	TOP OF
EJFS	EXTERIOR INSULATION AND FINISH SYSTEM	NIC	NOT IN CONTRACT	TOF	TOP OF
EJ	EXPANSION JOINT	NTS	NOT TO SCALE	TOM	TOP OF MASONRY
EL	ELEVATION	OC	OWNER CENTER	TOSS	TOP OF STEEL
ELEC	ELECTRIC / ELECTRICAL	OFCD	OWNER FURNISHED / CONTRACTOR INSTALLED	TOW	TOP OF WALL
ELEV	ELEVATOR	OFOW	OWNER FURNISHED / OWNER INSTALLED	TPD	TOILET PAPER DISPENSER
EQ	EQUAL	OH DR	OVERHEAD DOOR	TYP	TYPICAL
EQUIP	EQUIPMENT	OPI	OPPOSITE SIDE	UL	UNDERWRITERS LABORATORY UNLESS NOTED OTHERWISE
EXIST	EXISTING	OPNG	OPENING	UNO	UNLESS NOTED OTHERWISE
EXT	EXTERIOR	ORND	OVERFLOW ROOF DRAIN	VCT	VINYL COMPOSITION TILE
FD	FLOOR DRAIN	PL	PLASTIC LAMINATE	VIF	VERIFY IN FIELD
FE	FIRE EXTINGUISHER	PLYWD	PLYWOOD	VSP	VINYL SHEET FLOORING
FFC	FIRE EXTINGUISHER CABINET	PHL	PANEL / PANELING	VWC	VINYL WALL COVERING
FF	FINISH FLOOR	PH	PAPER	W	WEST
FOC	FACE OF CONCRETE	PNT	PAINT	WB	WOOD BASE
FRP	FIBERGLASS REINFORCED PANEL	PTD	PAPER TOWER DISPENSER	WC	WALL COVERING
FRTW	FIRE RETARDANT TREATED WOOD FURNITURE			WD	WOOD
FURN	FURNITURE			WF	WOOD FLOORING

### SYMBOLS

	INTERIOR / EXTERIOR ELEVATION		WINDOW TAG		CONCRETE
	DOOR NUMBER		RIGID INSULATION		FINISH WOOD
	STOREFRONT / CURTAIN WALL ELEVATION		BATT INSULATION		AGGREGATE
	PARTITION TYPE		EARTH		E.I.F.S.
	ROOM NAME / NUMBER		REINFORCED CONCRETE		
	ELEVATION MARK				
	TOILET ACCESSORY TAG				

### PROJECT DIRECTORY

OWNER	ARCHITECT	STRUCTURAL	MECHANICAL	PLUMBING	ELECTRICAL	FIRE PROTECTION
VA HEALTH CARE SYSTEM VAS 438-16-104 BLDG. 5 CHAPEL SIOUX FALLS, SD 57105	CHIODINI ASSOCIATES 1401 S. BRENTWOOD SUITE 425 ST. LOUIS, MO 63144 P: (314) 725-5988 F: (314) 725-4347	WOOLPERT, INC. 343 FOUNTAINS PARKWAY SUITE 100 FAIRVIEW HEIGHTS, IL 62208 P: (618) 632-2889 F: (618) 632-0100	WOOLPERT, INC. 343 FOUNTAINS PARKWAY SUITE 100 FAIRVIEW HEIGHTS, IL 62208 P: (618) 632-2889 F: (618) 632-0100	WOOLPERT, INC. 343 FOUNTAINS PARKWAY SUITE 100 FAIRVIEW HEIGHTS, IL 62208 P: (618) 632-2889 F: (618) 632-0100	WOOLPERT, INC. 343 FOUNTAINS PARKWAY SUITE 100 FAIRVIEW HEIGHTS, IL 62208 P: (618) 632-2889 F: (618) 632-0100	WOOLPERT, INC. 343 FOUNTAINS PARKWAY SUITE 100 FAIRVIEW HEIGHTS, IL 62208 P: (618) 632-2889 F: (618) 632-0100

### GENERAL NOTES

- CONTRACTOR IS NOT AUTHORIZED TO SCALE CONSTRUCTION DRAWINGS. ARCHITECT IS TO BE NOTIFIED IN THE EVENT A DISCREPANCY IS FOUND IN EITHER SPECIFICATION OR CONSTRUCTION DRAWINGS PRIOR TO THE BEGINNING OF CONSTRUCTION.
- GENERAL CONTRACTOR SHALL OBSERVE ALL REGULATIONS IMPOSED BY GOVERNING BODIES.
- GENERAL CONTRACTOR TO COORDINATE ALL TOP OF STEEL BEARING HEIGHTS AND TOP OF MASONRY HEIGHTS WITH STRUCTURAL DRAWINGS. NOTIFY ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES.
- ALL WRITTEN CORRESPONDENCE WILL BE TRANSMITTED FROM SUBCONTRACTOR THROUGH GENERAL CONTRACTOR THROUGH OWNER'S REP TO ARCHITECT. ALL PARTIES INVOLVED ARE TO RECEIVE WRITTEN AND SIGNED COPIES OF SUCH. NO VERBAL AGREEMENTS AFFECTING COST OR ALTERNATIVE CONSTRUCTION METHODS AND ARRANGEMENTS WILL BE CONSIDERED VALID OR BINDING, AND ARE THEREFORE, DISALLOWED.
- GENERAL CONTRACTOR IS TO FIELD VERIFY ALL EXISTING CONDITIONS / DIMENSIONS PRIOR TO CONSTRUCTION. NOTIFY ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES.
- GENERAL CONTRACTOR SHALL COMPLY WITH ALL DIRECTIVES OF THE OWNER. IF CONFLICTS BETWEEN DRAWINGS, SPECIFICATIONS AND REQUIREMENTS OF BUILDING OWNER AND/OR OPERATORS ARISE, THEY SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT IMMEDIATELY.
- CIVIL FINISH FLOOR ELEVATION XXX.XX = ARCHITECTURAL FINISH FLOOR ELEVATION 100.00.  
THE CONTRACTOR SHALL CONTAIN ALL CONSTRUCTION ACTIVITY, INCLUDING STORAGE OF MATERIAL AND EQUIPMENT, WITHIN THE CONSTRUCTION LIMITS, AT ALL TIMES BEING RESPONSIBLE FOR AND ABIDING BY RULES AND REGULATIONS OF THE OWNER.
- GENERAL CONTRACTOR TO BE RESPONSIBLE FOR REPAIRING ANY AND ALL SURFACES TO REMAIN DAMAGED BY HIMSELF OR SUBCONTRACTORS UNDER HIS CONTROL. REPAIRS ARE TO MATCH EXISTING MATERIALS AND MUST BE ACCEPTABLE TO OWNER.
- ALL FLOOR TRANSITIONS BETWEEN DIFFERENT MATERIALS SHALL BE SMOOTH AND FLUSH (MAXIMUM = 1/8" PER FOOT).
- GENERAL CONTRACTOR SHALL REMOVE ALL CONSTRUCTION DEBRIS FROM JOBSITE. ALL CONSTRUCTION DEBRIS SHALL BE CONTAINED INSIDE CONSTRUCTION LIMITS.
- ALL WALLS WITH ITEMS SUCH AS GRAB BARS, TOILET ACCESSORIES, WOOD TRIM, SHELVING, CASEWORK, ETC. SHALL BE REINFORCED WITH CONCEALED, FIRE TREATED WOOD BLOCKING. (GENERAL CONTRACTOR TO INSTALL BLOCKING - TYPICAL).
- ALL WOOD BLOCKING, PLYWOOD, ETC. SHALL BE FIRE RETARDANT TREATED LUMBER.

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BY: CHIODINI ASSOCIATES

LOUIS G. CHIODINI  
MISSOURI ARCHITECT, LICENSE NUMBER: A-2006

### DRAWING INDEX

Sheet Number	Sheet Name	Revision #
A000	COVERSHEET	
A001.0	CODE DATA AND LIFE SAFETY	
A001.1	GROUND FLOOR LIFE SAFETY PLAN	
A001.2	FIRST FLOOR LIFE SAFETY PLAN	
A001.3	SECOND FLOOR LIFE SAFETY PLAN	
A001.4	THIRD FLOOR LIFE SAFETY PLAN	

### MECHANICAL

Sheet Number	Sheet Name	Revision #
M0102	MECHANICAL SECOND FLOOR DEMO PLAN	
M0103	MECHANICAL THIRD FLOOR DEMO PLAN	
M4001	ENLARGED MECH. FOURTH & FIFTH FLR. DEMO PLANS	
M001	MECHANICAL LEGENDS AND NOTES	
M102	MECHANICAL SECOND FLOOR PLAN	
M103	MECHANICAL THIRD FLOOR PLAN	
M401	ENLARGED MECHANICAL FOURTH & FIFTH FLR. PLANS	
M501	MECHANICAL DETAILS	
M601	MECHANICAL SCHEDULES	
M701	MECHANICAL CONTROL DIAGRAMS	
M702	MECHANICAL PIPING AND CONTROL DIAGRAMS	

### ELECTRICAL

Sheet Number	Sheet Name	Revision #
E0001	THIRD FLOOR ELECTRICAL DEMOLITION PLAN	
E001	LEGEND AND GENERAL NOTES	
E101	SECOND & THIRD FLOOR LIGHTING PLANS	
E201	SECOND, THIRD & FIFTH FLOOR POWER PLANS	
E301	SECOND, THIRD & FOURTH FLOOR SYSTEMS PLANS	
E310	THIRD FLOOR FIRE ALARM PLAN	
E401	FIRE ALARM RISER DIAGRAM	
E601	EQUIPMENT AND LIGHT FIXTURE SCHEDULES	
E602	ELECTRICAL PANEL SCHEDULES	

### FIRE PROTECTION

Sheet Number	Sheet Name	Revision #
FP01	SPRINKLER THIRD FLOOR DEMOLITION PLAN	
FP02	FIRE PROTECTION LEGENDS, NOTES AND DETAILS	
FP102	SPRINKLER SECOND FLOOR PLAN	
FP103	SPRINKLER THIRD FLOOR PLAN	

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## Chiodini ARCHITECTS

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314-725-5988 / arn@chiodini.com

FINAL SUBMITTAL FOR CONSTRUCTION  
3/13/17

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

Drawing Title <b>COVERSHEET</b>	Project Title <b>VA HEALTH CARE SYSTEM</b>	Project Number 438-16-104 2016.052	Owner
Approved: Project Director Approver	Location VAS 438-16-104 BLDG. 5 CHAPEL SIOUX FALLS, SD 57105	Building Number 5	Drawing Number <b>A000</b>
Date 2017.03.13	Checked RLK	Drawn C.J.N	Department of Veterans Affairs

three eighths inch = one foot  
one eighth inch = one foot  
one quarter inch = one foot  
one half inch = one foot  
one inch = 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  
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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

PROJECT DESCRIPTION:		EXIT REQUIREMENTS:		INTERIOR FINISH REQUIREMENTS:		FIRE RESISTANCE REQUIREMENTS:	
EXISTING BUILDING EXIT STAIRS AND EXIT CORRIDORS ON FIRST AND SECOND FLOOR ARE AS BUILT NO. OF STORES AT OR ABOVE GRADE: 4 + MEZZANINE LEVEL - EXISTING TO REMAIN NO. OF STORES BELOW GRADE: 1 - EXISTING TO REMAIN BUILDING HEIGHT: EXISTING TO REMAIN BUILDING AREA: EXISTING TO REMAIN FIRST FLOOR: EXISTING TO REMAIN SECOND FLOOR: EXISTING TO REMAIN 3RD FLOOR (AREA OF WORK) (WEST WING): APPROX. 6875 SF (WEST WING) AUTOMATIC SPRINKLER SYSTEM: FULLY SPRINKLERED		OCCUPANT LOAD (IBC TABLE 1004.1.1) ACCESSORY STORAGE AREAS, MECHANICAL/EQUIPMENT ASSEMBLY - CHAIRS ONLY: 300 GROSS SF PER OCCUPANT BUSINESS AREAS: 7 NET SF PER OCCUPANT 100 GROSS SF PER OCCUPANT CAPACITY & EXIT WIDTH (IBC 1009.3) STAIRWAYS: 0.3' PER OCCUPANT OTHER EGRESS COMPONENTS: 0.2' PER OCCUPANT DOOR WIDTH (IBC 1010.1.1) MINIMUM WIDTH: 32" MAXIMUM WIDTH: 48" STAIRWAY WIDTH (IBC 1009.1) MINIMUM WIDTH: 44" LESS THAN 50 OCCUPANTS: 36" RAMP WIDTH (IBC 1012.5.1) MEANS OF EGRESS RAMP: PER 1012.1 RAMP BETWEEN HANDRAILS: 36" COMMON PATH OF TRAVEL (IBC 1006.2.1) ASSEMBLY OCCUPANCY: 100' BUSINESS OCCUPANCY: 100' MINIMUM NUMBER OF EXITS (IBC 1006.2) 1-49 OCCUPANTS: 1 EXIT 50-500 OCCUPANTS: 2 EXITS 501-1,000 OCCUPANTS: 3 EXITS MORE THAN 1,000 OCCUPANTS: 4 EXITS TRAVEL DISTANCE (IBC TABLE 1017.2) ASSEMBLY OCCUPANCY: 250' BUSINESS OCCUPANCY: 300' DEAD ENDS (IBC 1020.4) ASSEMBLY OCCUPANCY: 20' BUSINESS OCCUPANCY: 50' CORRIDOR WIDTH (IBC TABLE 1020.2) MINIMUM WIDTH: 44" ACCESS TO EQUIPMENT: 24" LESS THAN 50 OCCUPANTS: 36"		(IBC TABLE 803.1.1) CLASS B CLASS B CLASS C CLASS B CLASS B CLASS B CLASS C CLASS C CLASS C CLASS C		BUILDING ELEMENTS (IBC TABLE 601) PRIMARY STRUCTURAL FRAME: 2 HOUR TYPICAL SUPPORTING ROOF ONLY: 1 HOUR EXTERIOR WALLS: 2 HOUR BEARING NONBEARING BY FIRE SEPARATION DISTANCE: 1 HOUR 0 TO 5': 1 HOUR 5' TO 10': 1 HOUR 10' TO 30': 1 HOUR OVER 30': 0 HOUR INTERIOR WALLS: 2 HOUR BEARING TYPICAL SUPPORTING ROOF ONLY NONBEARING WALLS: 1 HOUR FLOOR CONSTRUCTION: 2 HOUR TYPICAL: 1 HOUR 20' OR MORE ABOVE FLOOR BELOW: 1 HOUR SHAFT ENCLOSURES (IBC 713): 2 HOUR ASSEMBLY 4 STORES OR MORE: 1 HOUR ASSEMBLY 3 STORES OR LESS: 1 HOUR ASSEMBLY	
<b>APPLICABLE CODES:</b> 2015 INTERNATIONAL BUILDING CODE 2015 INTERNATIONAL MECHANICAL CODE 2015 INTERNATIONAL PLUMBING CODE 2015 INTERNATIONAL ENERGY CODE 2014 NATIONAL ELECTRICAL CODE 2015 INTERNATIONAL FUEL GAS CODE 2015 INTERNATIONAL FIRE CODE NFPA 13, INSTALLATION OF SPRINKLER SYSTEMS NFPA 14, STANDPIPE & HOSE SYSTEM NFPA 72, NATIONAL FIRE ALARM CODE AMERICANS WITH DISABILITY ACT (ADA) - ICC/ANSI 117.1-2009 SEISMIC DESIGN CATEGORY = A		<b>TYPE OF CONSTRUCTION, BUILDING HEIGHT &amp; AREA:</b> CONSTRUCTION TYPE (IBC CHAPTER 6) TYPE IB (EXISTING NON-COMBUSTIBLE) (FULLY SPRINKLERED) ALLOWABLE HEIGHT (IBC TABLE 504.3 AND SECTION 504): EXISTING TO REMAIN - NO INCREASE IN HEIGHT ALLOWABLE AREA (IBC TABLE 506.2): EXISTING TO REMAIN - NO INCREASE IN AREA ALLOWABLE AREA INCREASE (IBC SECTION 506): EXISTING TO REMAIN - NO INCREASE IN AREA ALLOWABLE AREA INCREASE (IBC SECTION 506): EXISTING TO REMAIN - NO INCREASE IN AREA TOTAL ALLOWABLE AREA (INCREASES SECTION 506)		<b>PLUMBING FIXTURE COUNTS:</b> MINIMUM NUMBER OF REQUIRED PLUMBING FIXTURES (TABLE 2902.1) ASSEMBLY OCCUPANTS = 119 occ (ACTUAL: 70 occ) BUSINESS OCCUPANTS = 34 occ		<b>CORRIDOR WALLS:</b> (IBC TABLE 1020.1) FIRE PARTITIONS - CORRIDOR WALLS: 1 HOUR 0 HOUR	
<b>OCCUPANCY CLASSIFICATION:</b> PRIMARY OCCUPANCY CLASSIFICATION (IBC CHAPTER 3) EXISTING BUILDING OCCUPANCY IS INSTITUTION GROUP 1-2 BUSINESS GROUP - B (DOCTOR OFFICES) ASSEMBLY GROUP - A3 (AREA OF WORKSHIP) STORAGE GROUP - S		<b>EGRESS EXIT CALCULATION: (1016.1)</b> THIRD FLOOR: BUSINESS = 42000/2' = 9' ASSEMBLY = 119000/3' = 36' (2) EXIT STAIRS PROVIDED - EXISTING EGRESS LOAD = 163 occ / 0.3' = (49) STAIR WIDTH REQUIRED EGRESS PROVIDED = STAIR 1 EXISTING = 60' (53' CLEAR BETWEEN HANDRAILS) STAIR 4 DISTING = 34' (41' CLEAR BETWEEN HANDRAILS) TOTAL WIDTH PROVIDED (EXISTING) = 94' TOTAL OCCUPANTS = 163 OCCUPANTS / 0.2' = 33' REQUIRED TOTAL WIDTH OF EGRESS PROVIDED = 94' PROVIDED FIFTH FLOOR: BUSINESS = 42000/2' = 9' ASSEMBLY = 119000/3' = 36' (2) EXIT STAIRS PROVIDED - EXISTING EGRESS LOAD = 163 occ / 0.3' = (49) STAIR WIDTH REQUIRED EGRESS PROVIDED = STAIR 1 EXISTING = 60' (53' CLEAR BETWEEN HANDRAILS) STAIR 4 DISTING = 34' (41' CLEAR BETWEEN HANDRAILS) TOTAL WIDTH PROVIDED (EXISTING) = 94' TOTAL OCCUPANTS = 163 OCCUPANTS / 0.2' = 33' REQUIRED TOTAL WIDTH OF EGRESS PROVIDED = 94' PROVIDED		<b>FIRE PROTECTION SYSTEMS:</b> AUTOMATIC SPRINKLER SYSTEMS (IFC 903) FIRE DEPARTMENT CONNECTIONS (IFC 903.3.7) MONITORING (IFC 903.4.5) ALARMS (IFC 903.4.2) STANDPIPE SYSTEMS (IFC 905 & NFPA 14) FIRE EXTINGUISHERS (IFC 906 & NFPA 10) FIRE ALARM SYSTEMS (IFC 907 & NFPA 72)			
<b>OCCUPANCY LOAD CALCULATION: (IBC TABLE 1004.1.1)</b> BUSINESS GROUP "B" = 100 GROSS SQFT PER PERSON ASSEMBLY GROUP "A-3" = 7 NET PER PERSON STORAGE GROUP "S" = 300 GROSS SQFT PER PERSON THIRD FLOOR: AREA OF WORK BUSINESS = 4159 SQFT / 100 = 41.59 occ (42) ASSEMBLY = 633 SQFT / 7net = 90.43 occ (ACTUAL: 70 occ) STORAGE = 516 SQFT / 300 = 1.72 occ (2) TOTAL OCCUPANTS = 163 OCCUPANTS		<b>REQUIRED SEPARATION OF OCCUPANCIES: (IBC TABLE 506.4)</b> ASSEMBLY TO BUSINESS - 1 HR W/ FULLY SPRINKLERED		<b>MALE</b> WATER CLOSETS: 1 PER 150 URINALS: 1 PER 200 LAVATORIES: 1 PER 1000 DRINKING FOUNTAIN: 1 PER 100 SERVICE SINK: 1 PER 100		<b>FEMALE</b> WATER CLOSETS: 1 PER 25 FIRST 50 1 PER 50 OVER 50 1 PER 40 FIRST 50 1 PER 80 OVER 50 DRINKING FOUNTAIN: 1 PER 100 SERVICE SINK: 1 PER 100	

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FINAL SUBMITTAL  
FOR CONSTRUCTION

3/13/17

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*Chiodini*  
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Drawing Title  
**CODE DATA AND LIFE SAFETY**

Approved: Project Director  
Approver

Project Title  
**VA HEALTH CARE SYSTEM**

Project Number  
438-16-104 2016.052

Building Number  
5

Drawing Number  
**A001**

Location  
VAS 438-16-104 BLDG. 5 CHAPEL  
SIOUX FALLS, SD 57105

Date  
2017.03.13

Checked  
RLK

Drawn  
JP

Owner

Department of Veterans Affairs

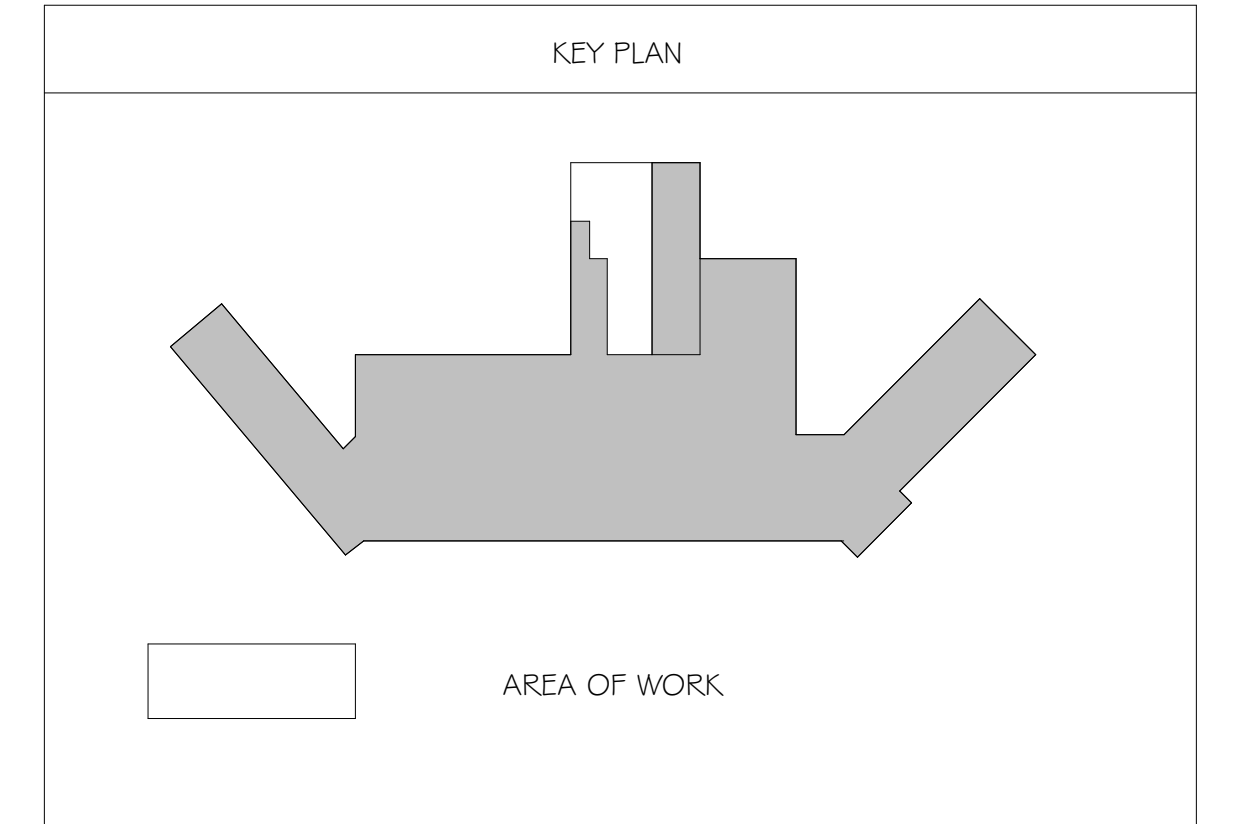
LIFE SAFETY NOTES

CONSTRUCTION CLASSIFICATION: 00X-code data-XX  
EXISTING BUILDING: IS  
OCCUPANCY TYPE: 00X-code data-XX  
EXISTING: I-2 (IFER 2015 IBC)  
AREA OF WORK: B - (IFER 2015 IBC)  
A-3 (IFER 2015 IBC)  
5 - (IFER 2015 IBC)  
PROJECT AREA:  
AREA OF WORK: 6239 S.F.  
MAX EXIT TRAVEL DISTANCE: 00X-code data-XX  
AREA OF WORK: 250' MAX (FULLY SPRINKLERED)

LIFE SAFETY LEGEND

- 1 HR: 1 HOUR SEPARATION
- 2 HR: 2 HOUR SEPARATION
- CAPACITY OF SPACE
- OCCUPANCY FORMULA USED
- ALLOWABLE CAPACITY OF EXIT (DOOR SIZE MINUS 4" / .2)
- EGRESS NUMBER
- PATH OF TRAVEL

KEY PLAN



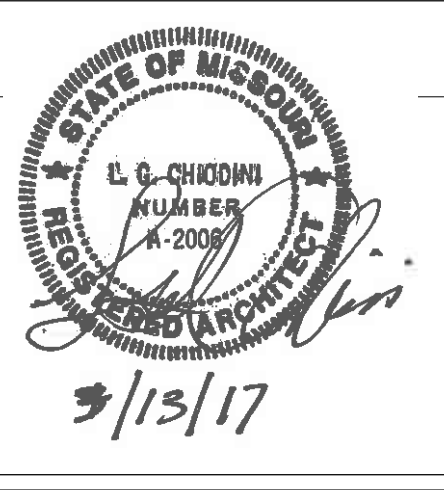
AREA OF WORK



Scale bars: 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

GROUND FLOOR LIFE SAFETY PLAN  
1/16" = 1'-0"

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ST. CHARLES, MO 63301  
636-949-8200  
636-949-8269 fax  
FINAL SUBMITTAL FOR CONSTRUCTION



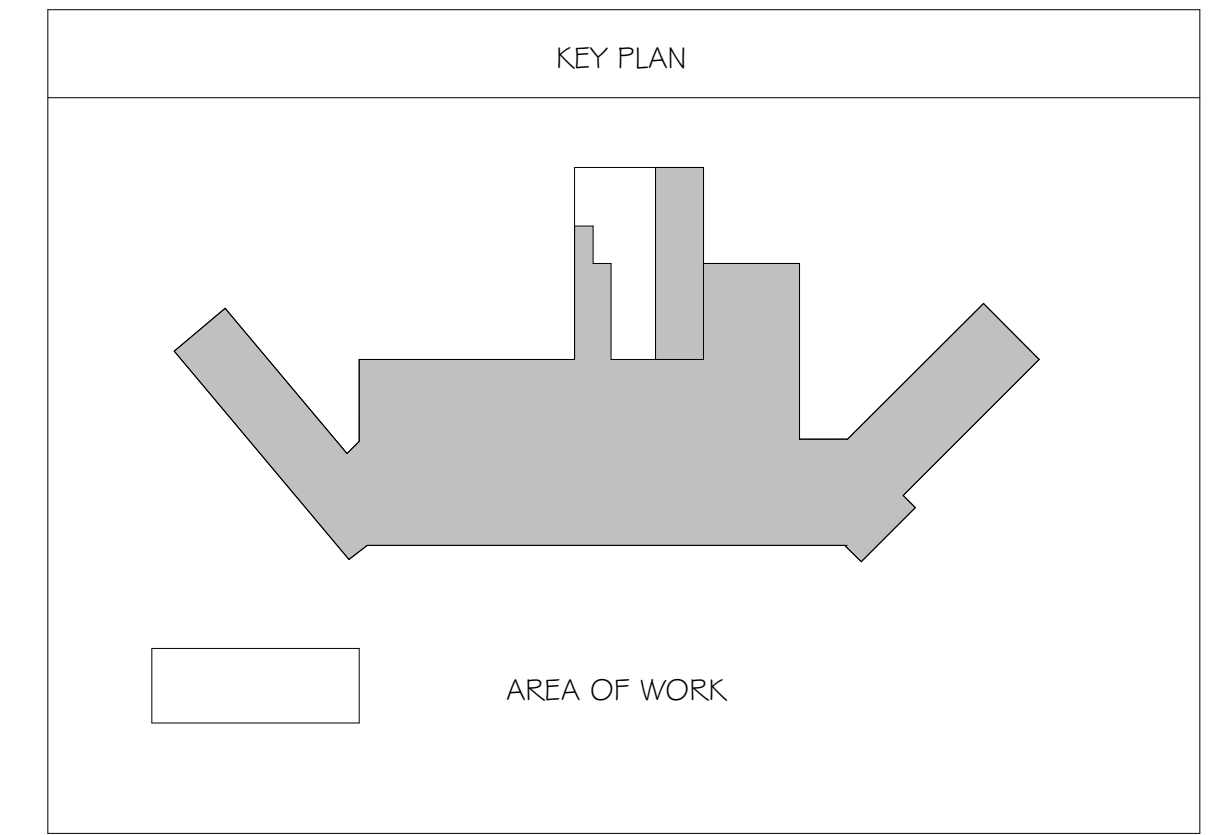
ARCHITECT:  
**Chiodini**  
ARCHITECTS  
Architecture / Interior Design / Graphics  
1401 S. Brentwood Blvd. / Suite 575 / St. Louis, Missouri 63144  
314-725-5588 / arch@chiodini.com  
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Drawing Title  
**GROUND FLOOR LIFE SAFETY PLAN**  
Approved: Project Director  
Approver

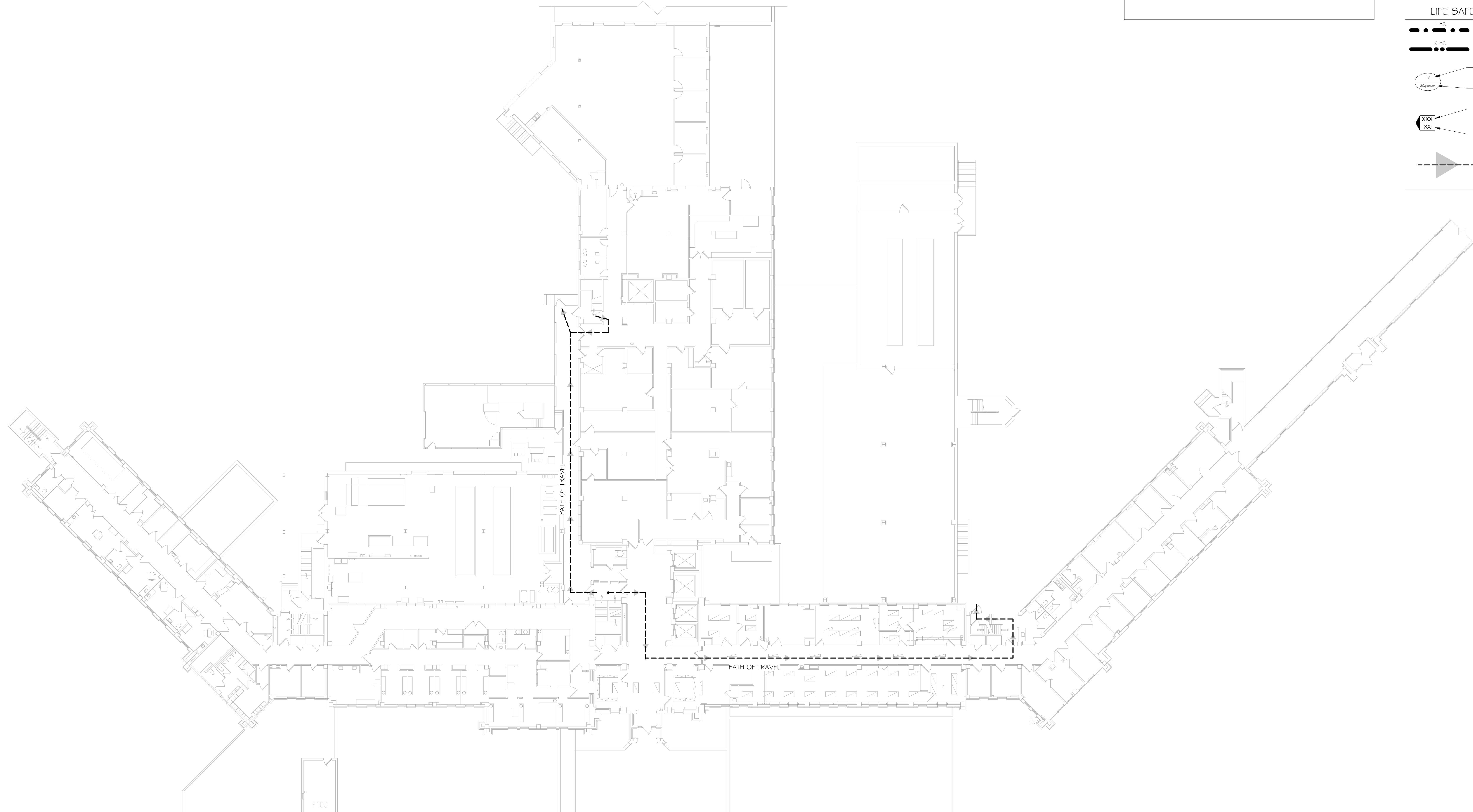
Project Title  
VA HEALTH CARE SYSTEM  
Location  
VAS 438-16-104 BLDG. 5 CHAPEL  
SIOUX FALLS, SD 57105  
Date  
2017.03.13  
Checked  
RLK  
Drawn  
C.J.N.

Project Number  
438-16-104 2016.052  
Building Number  
5  
Drawing Number  
**A001.0**

Owner  
Department of Veterans Affairs



LIFE SAFETY NOTES	
CONSTRUCTION CLASSIFICATION:	00X-code data-100
EXISTING BUILDING:	IB
OCCUPANCY TYPE:	00X-code data-100
EXISTING:	1-2 (PER 2015 IBC)
AREA OF WORK:	D (PER 2015 IBC)
	A-S (PER 2015 IBC)
	5 (PER 2015 IBC)
PROJECT AREA:	6239 S.F.
AREA OF WORK:	6239 S.F.
MAX EXIT TRAVEL DISTANCE:	00X-code data-100
AREA OF WORK:	250' MAX (FULLY SPRINKLERED)
LIFE SAFETY LEGEND	
	1 HOUR SEPARATION
	2 HOUR SEPARATION
	CAPACITY OF SPACE
	OCCUPANCY FORMULA USED
	ALLOWABLE CAPACITY OF EXIT (DOOR SIZE MINUS 4" / .2)
	EGRESS NUMBER
	PATH OF TRAVEL



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

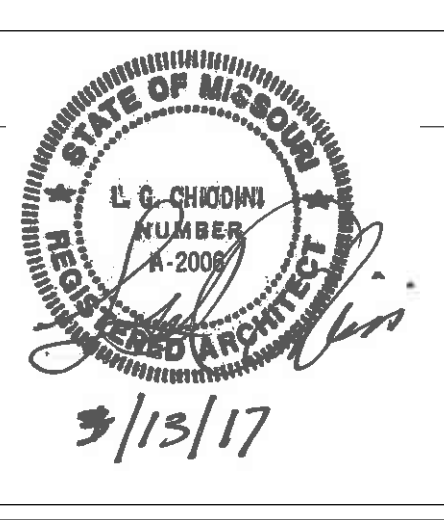
1 A - FIRST FLOOR LIFE SAFETY PLAN  
 1/16" = 1'-0"

**ENGINEERS/CONSULTANTS:**

WOOLPERT, INC.  
 343 FOUNTAINS PARKWAY  
 SUITE 100  
 FAIRVIEW HEIGHTS, IL 62208  
 314-436-0865  
 314-436-0884 fax

SCI ENGINEERING, INC  
 130 POINT WEST BLVD.  
 ST. CHARLES, MO 63301  
 636-949-8200  
 636-949-8269 fax

FINAL SUBMITTAL  
 FOR CONSTRUCTION



**ARCHITECT:**

*Chiodini*  
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Drawing Title  
**FIRST FLOOR LIFE SAFETY PLAN**

Approved: Project Director  
 Approver

Project Title  
 VA HEALTH CARE SYSTEM

Project Number  
 438-16-104 2016.052

Building Number  
 5

Drawing Number  
**A001.1**

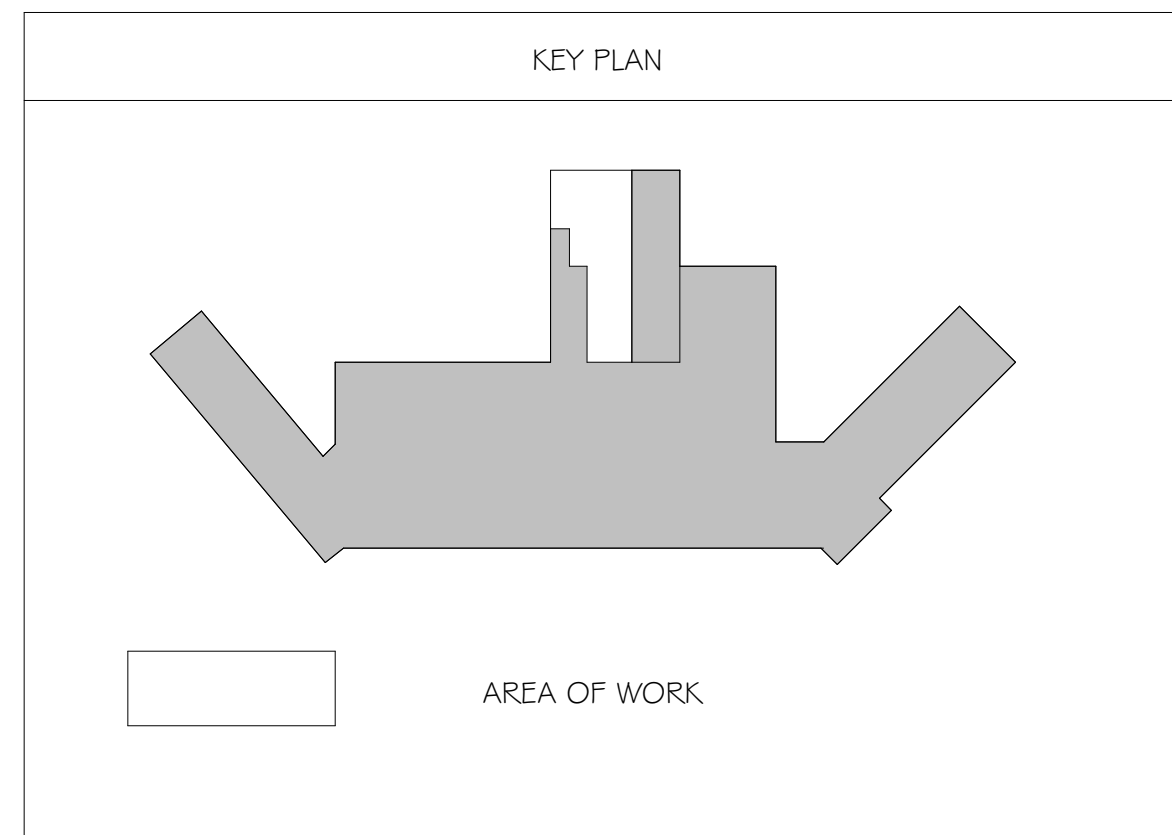
Location  
 VAS 438-16-104 BLDG. 5 CHAPEL  
 SIOUX FALLS, SD 57105

Date  
 2017.03.13

Checked  
 RLK

Drawn  
 C.J.N

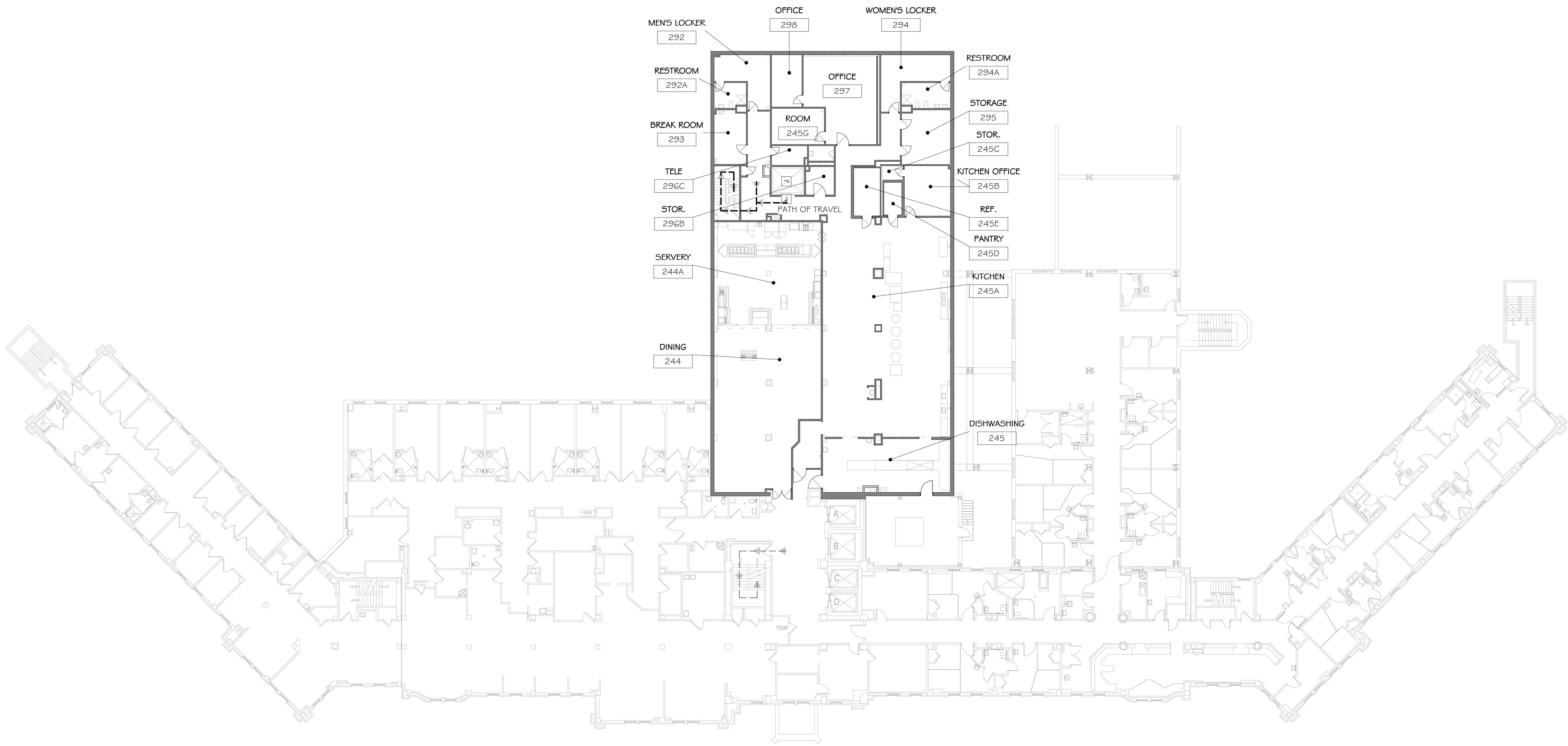
Owner  
**Department of Veterans Affairs**



LIFE SAFETY NOTES	
CONSTRUCTION CLASSIFICATION:	00--code data--XX EXISTING BUILDING: 1B
OCCUPANCY TYPE:	00--code data--XX EXISTING: 1-2 (IFR 2015 IBC) AREA OF WORK: B (IFR 2015 IBC) A-3 (IFR 2015 IBC) 5 (IFR 2015 IBC)
PROJECT AREA:	AREA OF WORK: 6239 S.F.
MAX EXIT TRAVEL DISTANCE:	00--code data--XX AREA OF WORK: 250' MAX. (FULLY SPRINKLERED)

LIFE SAFETY LEGEND	
	1 HOUR SEPARATION
	2 HOUR SEPARATION
	CAPACITY OF SPACE
	OCCUPANCY FORMULA USED
	ALLOWABLE CAPACITY OF EXIT (DOOR SIZE MINUS 4'7.2)
	EGRESS NUMBER
	PATH OF TRAVEL



three inches = one foot  
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 three quarters inch = one foot  
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 three eighths inch = one foot  
 one quarter inch = one foot  
 one eighth inch = one foot  
 3/13/2017 3:51:35 PM  
 C:\Users\cnewcomb\Documents\Revit\_2016\2016 052\_VA Sioux Falls Chapel\_01newcomb.rvt

A - SECOND FLOOR LIFE SAFETY PLAN  
 1/16" = 1'-0"

Scale: As indicated

<b>ENGINEERS/CONSULTANTS:</b> WOOLPERT, INC. 343 FOUNTAINS PARKWAY SUITE 100 FAIRVIEW HEIGHTS, IL 62208 314-436-0865 314-436-0884 fax SCI ENGINEERING, INC 130 POINT WEST BLVD. ST. CHARLES, MO 63301 636-949-8200 636-949-8269 fax	FINAL SUBMITTAL FOR CONSTRUCTION  3/13/17	<b>ARCHITECT:</b>  ARCHITECTS Architecture / Interior Design / Graphics 1401 S. Brentwood Blvd. / Suite 575 / St. Louis, Missouri 63144 314-725-5088 / arch@chiodini.com	Drawing Title <b>SECOND FLOOR LIFE SAFETY PLAN</b> Approved: Project Director Approver	Project Title VA HEALTH CARE SYSTEM Location VAS 438-16-104 BLDG. 5 CHAPEL SIOUX FALLS, SD 57105 Date 2017.03.13	Project Number 438-16-104 2016.052 Building Number 5 Drawing Number <b>A001.2</b>	Owner Department of Veterans Affairs
Revisions:	Date					