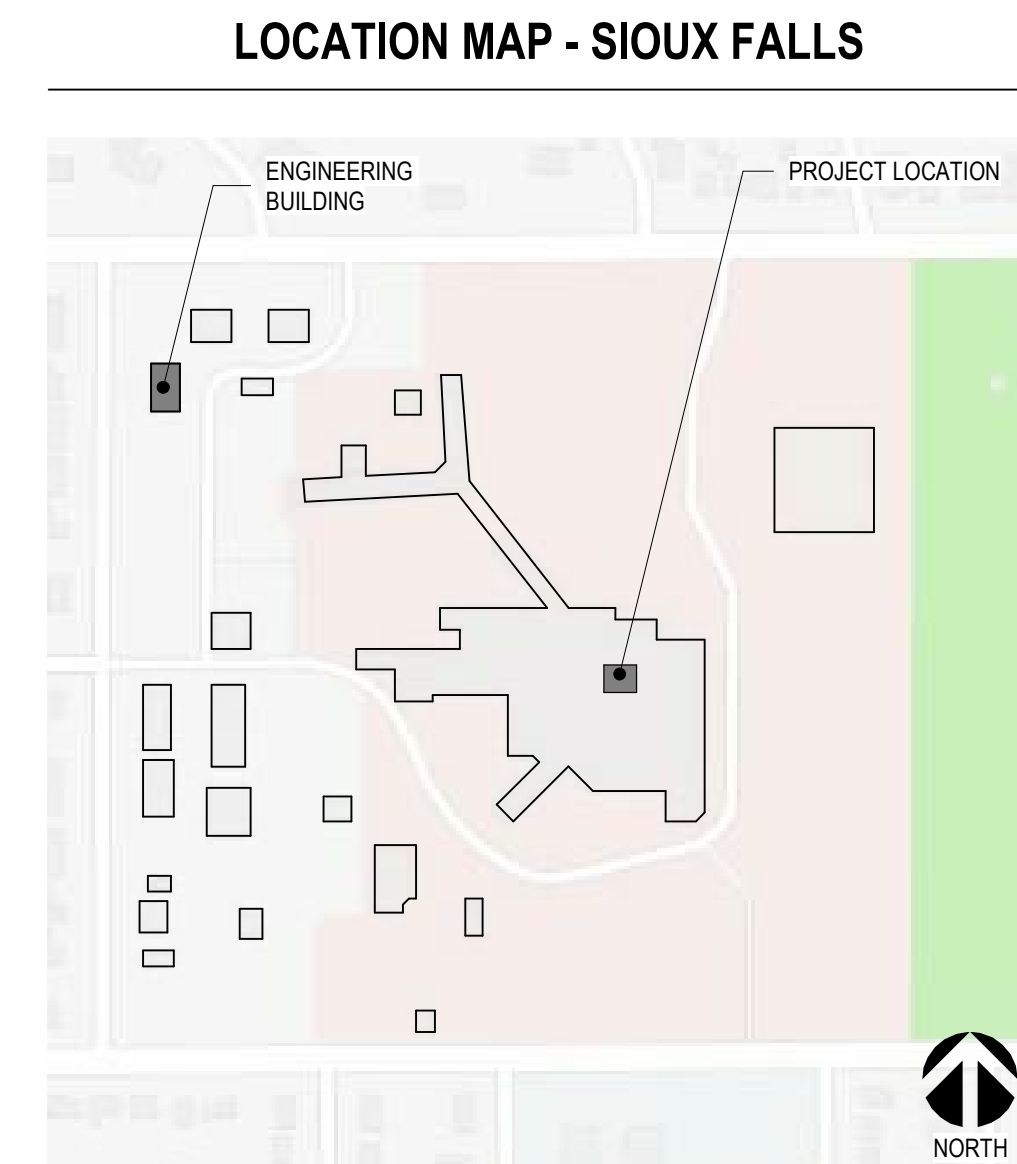




VA #438-CSI-500
06/21/2019 - CD ISSUE SET



GENERAL	
G001	COVER SHEET
G002	GENERAL NOTES AND LEGENDS
ARCHITECTURAL	
A0101	REMODEL PLANS
A102	REMODEL PLANS & ELEVATIONS
MECHANICAL	
M001	MECHANICAL DETAILS, SCHEDULES, & SYMBOLS
M101	MECHANICAL REMODEL PLANS
M102	MECHANICAL REMODEL PLANS
FIRE PROTECTION	
FD101	FIRE PROTECTION REMODEL PLAN
FA102	FIRE PROTECTION REMODEL & DETAILS PLAN
ELECTRICAL	
E001	ELECTRICAL SYMBOLS & ABBREVIATIONS
EE101	ELECTRICAL PLANS
SAMSUNG EQUIPMENT	
X001	COVER
XA101	EQUIPMENT LAYOUT ROOM A20
XA102	EQUIPMENT LAYOUT ROOM A21
XA201	NOTES
XE101	ELECTRICAL LAYOUT CG8S A20
XE102	ELECTRICAL LAYOUT CG8S A21
XE201	ELECTRICAL DETAILS
XE202	SWAN PANEL DETAILS
XS101	OVERHEAD STRUCTURAL LAYOUT ROOM A20
XS102	OVERHEAD STRUCTURAL LAYOUT ROOM A21
XS201	STRUCTURAL NOTES CONNECTION DETAILS
XS202	STRUCTURAL DETAILS CG8S
XQ102	EQUIPMENT CABLE LENGTH

	BATT INSULATION		BLOCK WALL/VENEER		
	GYPSUM BOARD		DIMENSION LINE		
	EARTH		BREAK LINE		
	CONCRETE		ROOM NAME AND NUMBER		
	RIGID INSULATION		KEYNOTE		
	EXISTING CONSTRUCTION TO BE REMOVED		DOOR OPENING/BORROWED LIGHT IDENTIFIER		
	NEW CONSTRUCTION		INTERIOR PARTITION TYPES		
	WOOD ROUGH (CONTINUOUS)		FURNITURE, FIXTURE, & EQUIPMENT IDENTIFIER		
	WOOD ROUGH (SPACED)		FIRE EXTINGUISHER CABINET		
	PLYWOOD		CORNER GUARD		

SYMBOLS USED AS ABBREVIATIONS:		C		E		H		N		S		U	
A	AND	CAB	CABINET	E	EAST	HC	HOSE BAND	N	NORTH	S	SPASH BLOCK	UG	UNDERGROUND
L	ANGLE	CAH	CERAMIC BACK	E	EAST	HC	HOLLOW CORE	N	NORTH	S	SPLASH BLOCK	UH	UNIT HEATER
LL	DOUBLE ANGLE	CD	CEMENT	EL	EACH	HCB	HOT APPLICABLE	NA	NOT APPLICABLE	SC	SCHED GORY	UNF	UNFINISHED
R		CEM	CEMENT	EF	EACH FACE	HDB	HARDBOARD	NIC	NOT IN CONTRACT	SCH	SCHEDULE	UNO	UNLESS NOTED OTHERWISE
@	PENNEY	CF	CUBIC FEET OR FOOT	EF	EXPANSION JOINT	HDR	HEADER	NO	NUMBER	SCHD	SCHROU SHORTEN ROD	UNO	UNLESS OTHERWISE NOTED
#	POUND OR NUMBER	CG	CORNER GUARD	ELEV	ELEVATED	HDM	HARDWOOD	NOM	NOMINAL	SD	SOAP DISPENSER	UTL	UTILITY
Ø	ROUND OR DIAMETER	CIPC	CAST-IN-PLACE CONCRETE	ELEC	ELECTRICAL	HWR	HARDWARE	NTS	NOT TO SCALE	SF	SQUARE FOOT	V	VEAR
		CJ	CONTROL/CONSTRUCTION JOINT	ENL	ENLARGED	HMM	HOLLOW METAL	OC	ON CENTER	SH	SHIRT	VAR	VARIABLE
		CL	CENTER LINE	EMR	EMERGENCY	HR	HOUR	OF	OUTSIDE DIAMETER	SHMG	SHEDDING	VB	VAPOR BARRIER
		CLG	CEILING	ENR	ENGINEER	HT	HEIGHT	OCFI	OWNER FURNISHED / CONTRACTOR	SM	SIMILAR	VCT	VINYL COMPOSITE TILE
		CLKG	CAULKING	EDG	EDGE OF PAVEMENT	HWAC	HEATING, VENTILATION, AIR CONDITIONING	OFI	OWNER FURNISHED / OWNER	SLD	SLIDING	VERT	VERTICAL
		CLR	CLEAR, CLEARANCE	EPM	ETHYLENE PROPYLENE DIENE MONOMER			OFI	OWNER FURNISHED / OWNER	SND	SNEAK	VEST	VESTIBULE
		CMU	CONCRETE MASONRY UNIT	EP	EXPANDED POLYSTYRENE BOARD	IC	INTERNATIONAL BUILDING CODE	OFI	OWNER FURNISHED / OWNER	SNO	SANITARY NAPKIN DISPENSER	VIF	VIRIFIED IN FIELD
		CO	CHANGE ORDER/CLERK OUT	EQU	EQUIPMENT	ICC	INTERNATIONAL CODE COUNCIL	OPG	OPPOSITE	SNO	SANITARY NAPKIN DISPENSER	VIR	VIRAL RETARDER
		ABV	ABOVE	EQU	EQUIPMENT	ICC	INTERNATIONAL CODE COUNCIL	OPG	OPPOSITE	SNO	SANITARY NAPKIN DISPENSER	VIR	VIRAL RETARDER
		AC	ASPHALTIC CONCRETE/RAU CONDITIONER	EQU	EQUIPMENT	ICC	INTERNATIONAL CODE COUNCIL	OPG	OPPOSITE	SNO	SANITARY NAPKIN DISPENSER	VIR	VIRAL RETARDER
		ACC	ACCESSIBLE	CONC	CONCRETE	INC	INCHES	ORD	OVERFLOW ROOF DRAIN	SNO	SANITARY NAPKIN DISPENSER	VIR	VIRAL RETARDER
		ACH	ALUMINUM COMPOSITE MATERIAL	CONC	CONCRETE	INC	INCHES	ORD	OVERFLOW ROOF DRAIN	SNO	SANITARY NAPKIN DISPENSER	VIR	VIRAL RETARDER
		ACUS	ACUSTICAL	CONC	CONCRETE	INC	INCHES	ORD	OVERFLOW ROOF DRAIN	SNO	SANITARY NAPKIN DISPENSER	VIR	VIRAL RETARDER
		ACU	ACUSTICAL CEILING TILE	CONC	CONCRETE	INC	INCHES	ORD	OVERFLOW ROOF DRAIN	SNO	SANITARY NAPKIN DISPENSER	VIR	VIRAL RETARDER
		ADA	AMERICANS WITH DISABILITIES ACT	CONC	CONCRETE	INC	INCHES	ORD	OVERFLOW ROOF DRAIN	SNO	SANITARY NAPKIN DISPENSER	VIR	VIRAL RETARDER
		ADH	ADHESIVE	CONC	CONCRETE	INC	INCHES	ORD	OVERFLOW ROOF DRAIN	SNO	SANITARY NAPKIN DISPENSER	VIR	VIRAL RETARDER
		ADJ	ADJUSTABLE, ADJACENT, ADJOINING	CONC	CONCRETE	INC	INCHES	ORD	OVERFLOW ROOF DRAIN	SNO	SANITARY NAPKIN DISPENSER	VIR	VIRAL RETARDER
		AF	ABOVE FINISH FLOOR	CONC	CONCRETE	INC	INCHES	ORD	OVERFLOW ROOF DRAIN	SNO	SANITARY NAPKIN DISPENSER	VIR	VIRAL RETARDER
		AFG	ABOVE FINISH GRADE	CONC	CONCRETE	INC	INCHES	ORD	OVERFLOW ROOF DRAIN	SNO	SANITARY NAPKIN DISPENSER	VIR	VIRAL RETARDER
		AHJ	AUTHORITY HAVING JURISDICTION	CONC	CONCRETE	INC	INCHES	ORD	OVERFLOW ROOF DRAIN	SNO	SANITARY NAPKIN DISPENSER	VIR	VIRAL RETARDER
		ALT	ALTERNATE	CONC	CONCRETE	INC	INCHES	ORD	OVERFLOW ROOF DRAIN	SNO	SANITARY NAPKIN DISPENSER	VIR	VIRAL RETARDER
		ALUM	ALUMINUM	CONC	CONCRETE	INC	INCHES	ORD	OVERFLOW ROOF DRAIN	SNO	SANITARY NAPKIN DISPENSER	VIR	VIRAL RETARDER
		ANSI	AMERICAN NATIONAL STANDARDS	CONC	CONCRETE	INC	INCHES	ORD	OVERFLOW ROOF DRAIN	SNO	SANITARY NAPKIN DISPENSER	VIR	VIRAL RETARDER
		APC	ACUSTICAL PANEL CEILING	CONC	CONCRETE	INC	INCHES	ORD	OVERFLOW ROOF DRAIN	SNO	SANITARY NAPKIN DISPENSER	VIR	VIRAL RETARDER
		APPROX	APPROXIMATE	CONC	CONCRETE	INC	INCHES	ORD	OVERFLOW ROOF DRAIN	SNO	SANITARY NAPKIN DISPENSER	VIR	VIRAL RETARDER
		ARCH	ARCHITECT (URAL)	CONC	CONCRETE	INC	INCHES	ORD	OVERFLOW ROOF DRAIN	SNO	SANITARY NAPKIN DISPENSER	VIR	VIRAL RETARDER
		ASI	ARCHITECTURAL SUPPLEMENTAL INFORMATION	CONC	CONCRETE	INC	INCHES	ORD	OVERFLOW ROOF DRAIN	SNO	SANITARY NAPKIN DISPENSER	VIR	VIRAL RETARDER
		BD	BOARD	CONC	CONCRETE	INC	INCHES	ORD	OVERFLOW ROOF DRAIN	SNO	SANITARY NAPKIN DISPENSER	VIR	VIRAL RETARDER
		BEV	BEVELED	CONC	CONCRETE	INC	INCHES	ORD	OVERFLOW ROOF DRAIN	SNO	SANITARY NAPKIN DISPENSER	VIR	VIRAL RETARDER
		BFF	BELOW FINISH FLOOR	CONC	CONCRETE	INC	INCHES	ORD	OVERFLOW ROOF DRAIN	SNO	SANITARY NAPKIN DISP		

1. CONSTRUCTION PURPOSE: RENOVATION

2. REASON FOR SUBMITTAL: NEW CONSTRUCTION

3. I CERTIFY THAT TO THE BEST OF OUR KNOWLEDGE, THE SUBMITTED PLANS FOR THE ABOVE-REFERENCED PROJECT COMPLY WITH THE REQUIREMENTS OF THE FOLLOWING:

2015 INTERNATIONAL BUILDING CODE (IBC)
NFPA 101
2015 INTERNATIONAL MECHANICAL CODE (MCC)
2014 INTERNATIONAL PLUMBING CODE (IPC)
2014 NATIONAL ELECTRICAL CODE (NFPA-70)
2018 LIFE SAFETY CODE (NFPA)
2015 ASHRAE ACCESSIBILITY STANDARDS
BARRIER FREE DESIGN

4. LOCATION OF ANY ANTICIPATED FUTURE ADDITIONS: UNKNOWN

5. OWNER:
DEPARTMENT OF VETERANS AFFAIRS
OFFICE OF CONSTRUCTION AND FACILITIES MANAGEMENT
DR. JAMES HARRISON VETERANS MEMORIAL MEDICAL CENTER
2501 W 22ND STREET
PO BOX 2046
SIOUX FALLS SD 57117-0046

6. DESIGN TEAM:

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605-271-1144
CONTACT: TODD STONE
TODD.STONE@STONEGROUPARCHITECTS.COM

DESIGN CONSULTANTS:
WEST PLAINS ENGINEERING
4609 SOUTH TECHLINK CIRCLE
SIOUX FALLS, SD 57108
605-962-3753
CONTACT:

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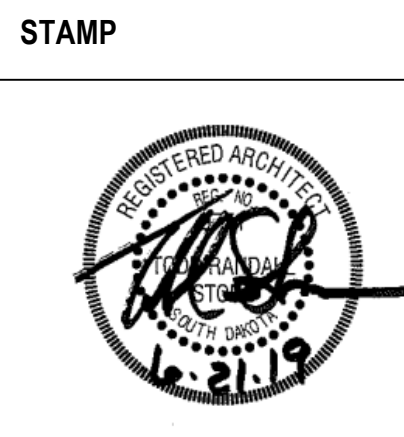
CONSULTANTS	
MECHANICAL / ELECTRICAL / PLUMBING:	SPECIFICATIONS:
 <p>West Plains Engineering, Inc. 4609 South Technik Circle Soux Falls, South Dakota 57106 Phone: 605-362-3753</p>	 <p>Image Group Architecture & Interiors 403 Center Ave Suite 300 Moonhead, Minnesota 56560 Phone: 218-253-2022</p>

ARCHITECT OF RECORD

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SIOUX FALLS, SD 57103
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POC: TODD STONE



STONE GROUP
ARCHITECTS



Office of
Construction
and Facilities
Management

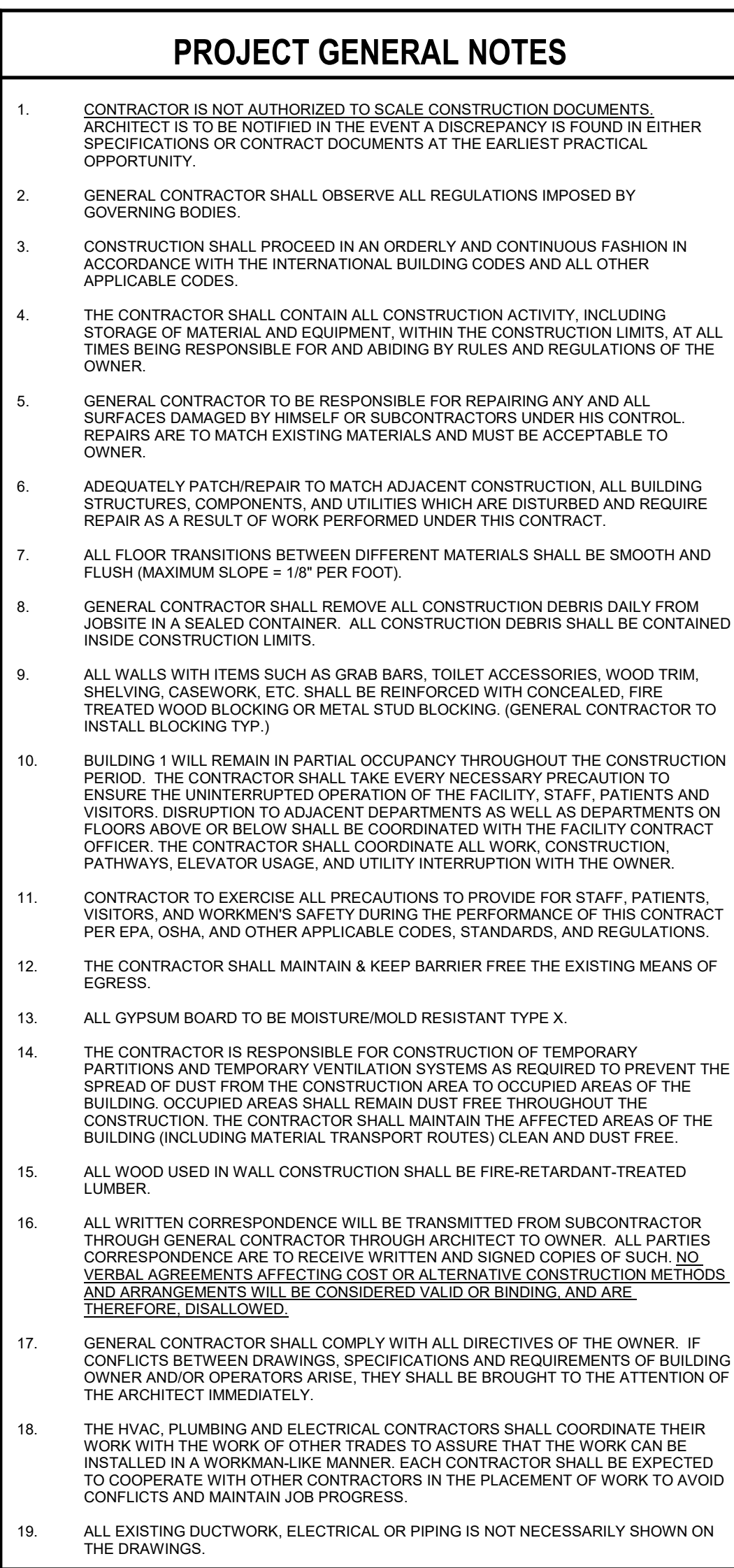
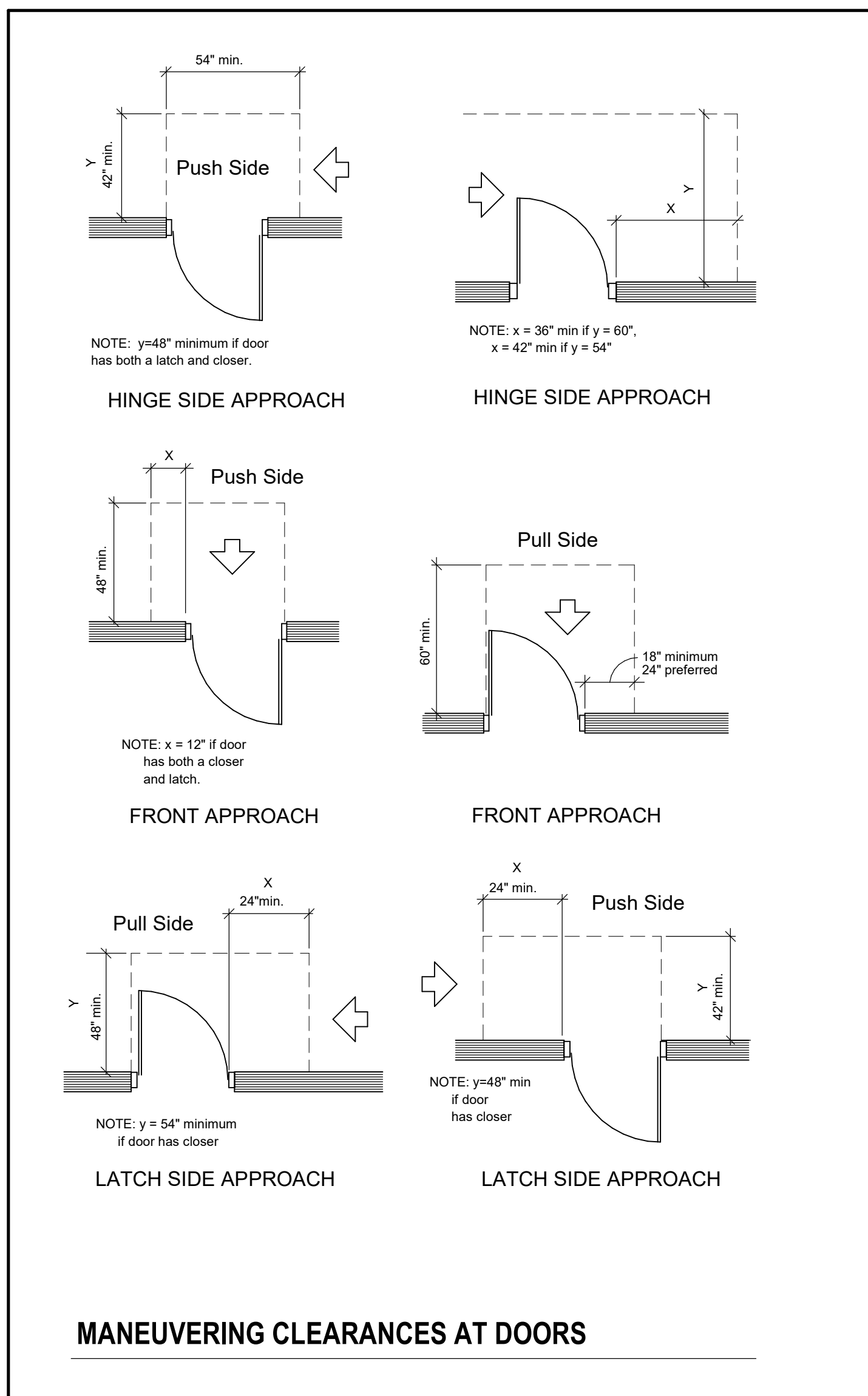
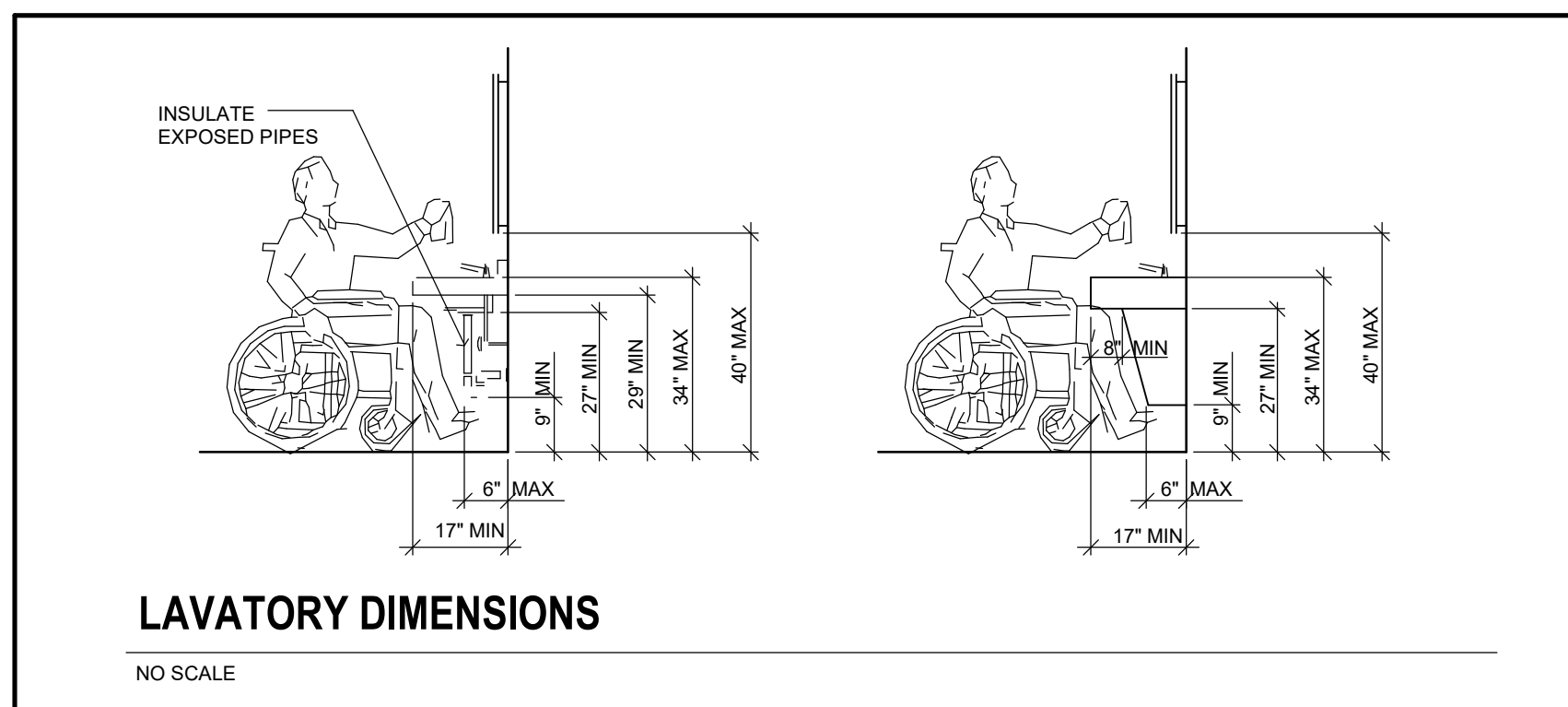
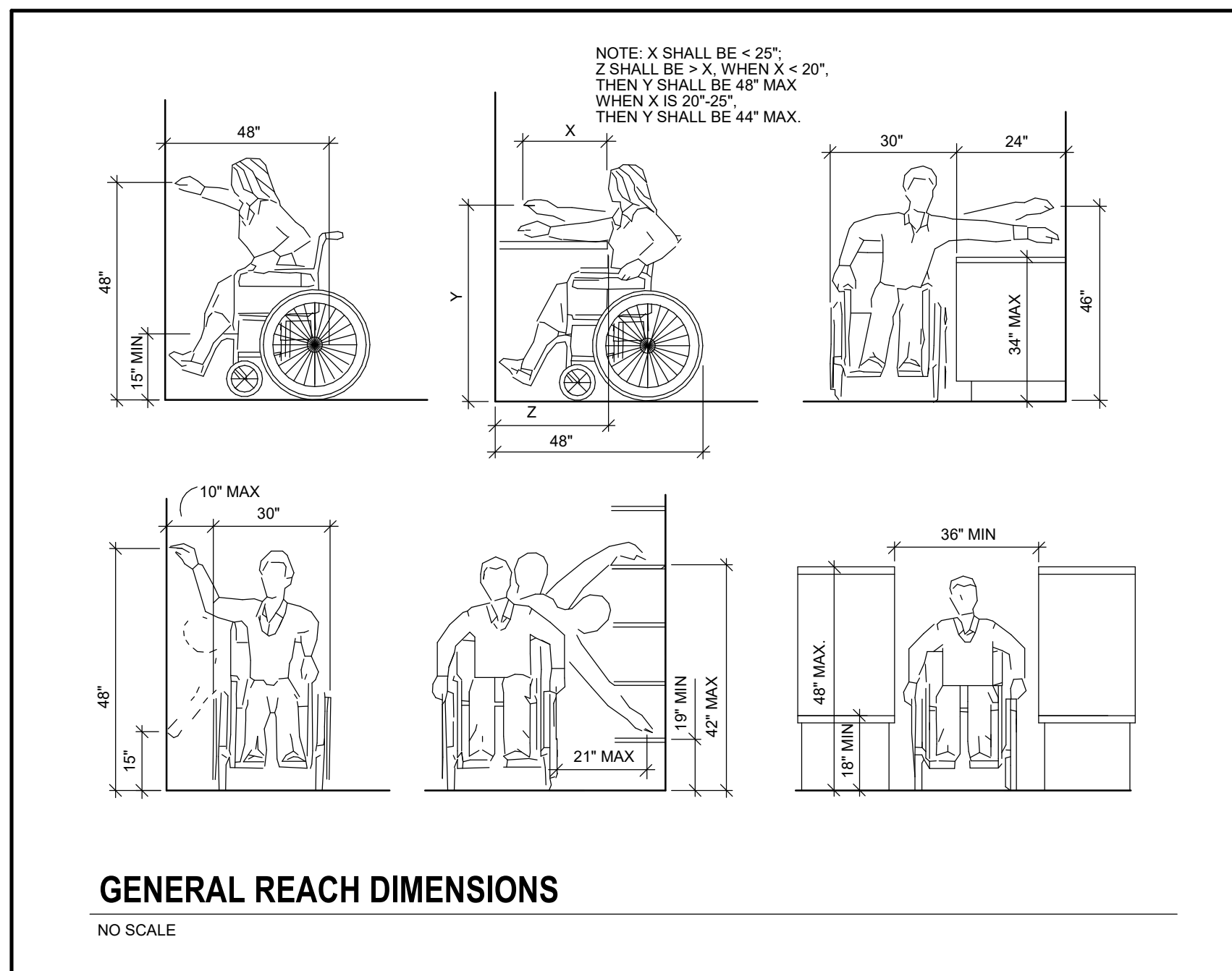
VA | U.S. Department
of Veterans Affairs

Drawing Title <div style="font-size: 2em; margin-top: 10px;">COVER SHEET</div>
Approved:

Phase	CD ISSUE SET
	FULLY SPRINKLERED FOR OFFICIAL USE ONLY

Project Title		
PREPARE DIGITAL RADIOGRAPHY ROOMS		
Location		
SIOUX FALLS, SOUTH DAKOTA		
Issue Date	Checked	Drawn
06/21/2019	TRS	DAN

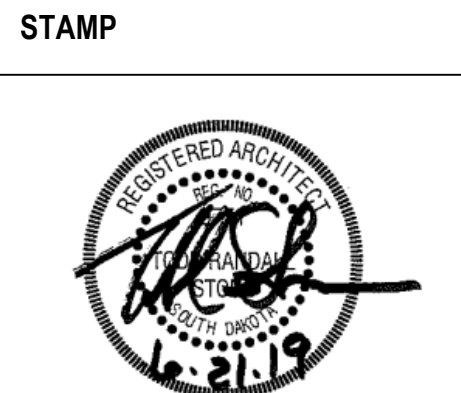
Project Number VA #438-CSI-500 SGA #181919
Building Number 5
Drawing Number GI001



- # CONTRACTOR NOTES
1. ALL EXISTING DUCTWORK, ELECTRICAL, OR PIPING IS NOT NECESSARILY SHOWN ON THE DRAWINGS.
 2. BEFORE CONTRACTORS BID THE JOB, IT IS IMPERATIVE THAT THE JOB SITE AND FIELD BE VISITED BY THE CONTRACTOR TO OBSERVE THE EQUIPMENT, DUCTWORK, ETC. IT WILL BE PART OF THE CONTRACTORS RESPONSIBILITY AND COST TO DISCOVER AND REPORT ALL EXISTING OBSTACLES TO THE ARCHITECT THAT INTERFERE WITH THE CONTRACTORS ABILITY TO INSTALL ALL NEW OR RELOCATED WORK ON THIS CONTRACT.
 3. CONTRACTOR SHALL VERIFY ALL DIMENSIONS IN FIELD AND NOTIFY PROJECT ENGINEER OF ALL DISCREPANCIES IF ANY, FOUND PRIOR TO PLACEMENT OF ANY COMPONENTS
 4. THE CONTRACTOR WILL TAKE ALL NECESSARY PRECAUTIONS INCLUDING THE BUILDING'S MAINTENANCE OF ALL EXISTING PARTITIONS, DASHES, DUCTWORK, SWEEPING, AND PROVISION OF CLEAN FLOOR MATS AT THE PROJECT ENTRANCES. COST TO THE NEWLY RELOCATED OR REMOVED OBSTACLES FROM THE CONSTRUCTION AREAS INTO THE OWNER OCCUPIED AREAS.
 5. PATCH ALL FINISHES WHERE DISTURBED BY THE WORK AND WHERE UNFINISHED SURFACES HAVE BEEN EXPOSED BY DEMOLITION. PATCHING MUST MATCH ADJACENT MATERIALS. PATCHES SHALL BE FINISHED TO MATCH THE FINISHES. PATCHED SHALL HAVE THE FINISHES (PANT, VINYL, WALL COVERING, ETC.) REPLACED FROM CORRESPONDING STOCK.
 6. UNLESS OTHERWISE INDICATED FINISHES ALL NEW FRAMES AND PARTITIONS TO MATCH SURROUNDING. NEW HOLLOW METAL DOORS SHALL BE PAINTED SAME COLOR AS PARTS. UNLESS NOTED OTHERWISE, ALL NEW FRAMES THAT HAVE VINYL WALL COVERING (VWC) SHALL HAVE THE VWC COMPLETELY REMOVED AND REPLACED WITH NEW VWC OF MATCHING TEXTURE AND COLOR.
 7. PAINT ALL EXPOSED NEW AND EXISTING PIPING, CONDUIT, WIRE AND ELECTRICAL PANELS, ACCESS PANELS, ETC. TO MATCH WALL FINISH UNLESS OTHERWISE NOTED.
 8. CORRIDOR WALLS AND PLUMBING PARTITIONS SHALL BE CONSIDERED 1 HOUR FIRE RATED AND NEW OR EXISTING PARTITIONS ENVIERS SHALL BE CONSIDERED ACCORDINGLY WITH APPROVED FIRESTOPPING MATERIAL. THE SAME DAY THE PENETRATION IS MADE OR DISCOVERED, ALL FLOOR SLABS, VERTICAL SHAFTS AND STAIRWELLS SHALL BE CONSIDERED 1 HOUR FIRE RATED. WALLS SHALL BE SEALED ACCORDINGLY IN THE MANNER LISTED HEREIN. PENETRATIONS THROUGH EXISTING WALLS SHALL BE RESEALED TO MATCH THE FINISHES.
 9. ALL NEW VERTICAL AND HORIZONTAL DUCTS, PIPES, CONDUITS, ETC. IN FINISHED ROOMS OR AREAS THROUGHOUT BUILDING, NOT ENCASED IN MASONRY OR CONCRETE CONSTRUCTION, SHALL BE FURRED IN. THE FURRING FINISHED TO MATCH THE ROOM FINISH.
 10. WHENEVER EXISTING EQUIPMENT, PIPING, DUCTS, ARE REQUIRED TO BE REMOVED, SUCH REMOVAL SHALL INCLUDE ALL ANCHORS, HANGERS, FOUNDATIONS, ETC. UNLESS NOTED OTHERWISE, ALL EXISTING FLOORS, WALLS, AND CEILINGS SHALL BE FINISHED TO MATCH ADJOINING SURFACES.
 11. UTILITY WORK THAT WILL REQUIRE A SHUTDOWN OF EXISTING SERVICE(S) WILL BE NOTED AFTER THE MEETING. THE CONTRACTOR SHALL BE RESPONSIBLE TO NOTIFY AT NO ADDITIONAL COST TO THE GOVERNMENT. WORK MUST BE SCHEDULED WITH THE V.A. PROJECT ENGINEER.
 12. WORK THAT MUST OCCUR IN OCCUPIED AREAS, SUCH AS PUBLIC CORRIDORS, OR THE MEDIA CENTER, SHALL BE SCHEDULED TO OCCUR DURING OFF HOURS, AT TIMES OTHER THAN NORMAL WORKING HOURS (NIGHTS, WEEKENDS, HOLIDAYS, ETC.) WITH AN ADDITIONAL 25% GOVERNMENT OVERSIGHT FEE BE SCHEDULED WITH THE V.A. PROJECT ENGINEER.
 13. ALL ELECTRICAL CIRCUITRY TO BE CONCEALED UNLESS OTHERWISE SPECIFIED. PROVIDE AN ELECTRIC DUCT HOLO DRIPS IN MASONRY WALLS SHALL BE SURFACE RAUWAY.
 14. COORDINATE ALL WORK WITH OTHER TRADES AND EXISTING CONDITIONS TO ELIMINATE CONFLICTS AND/OR INTERFERENCES. THE CONTRACTOR SHALL PROVIDE A SCHEDULE OF WORK TO THE ARCHITECT AND PROJECT ENGINEER FOR A COMPLETE AND FUNCTIONAL SYSTEM.
 15. DRAWINGS ARE DIAGRAMMATIC AND SHOW ONLY THE GENERAL ARRANGEMENT OF EVERYTHING. RELOCATIONS, ADDITIONS, DELETIONS, ETC. ARE THE RESPONSIBILITY OF THE WORK OR INDICATE ALL BRANCHES, OFFSETS, FITTINGS, BOXES, AND ACCESSORIES WHICH MAY BE REQUIRED. CONTRACTOR MUST CAREFULLY FOLLOW THE EXISTING STRUCTURAL DRAWINGS AND FIELD CONDITIONS. PROVIDE FURNISHING SUCH FITTINGS, TRAPS, VALVES, BOXES, ACCESSORIES, ETC., AS MAY BE REQUIRED TO COMPLETE THE SYSTEM.
 16. LOCATIONS OF NEW EQUIPMENT, PIPING, AND ASSOCIATED ITEMS SHOWN ON THE DRAWINGS ARE SCHEMATIC ONLY. THE CONTRACTOR SHALL FIELD VERIFY EXACT LOCATION OF ALL ELECTRICAL, PIPING, AND ASSOCIATED ITEMS. THE CONTRACTOR SHALL FIELD VERIFY ALL OFFSETS, FITTINGS, TRANSITIONS, EXTENSIONS, ETC. REQUIRED FOR A COMPLETE AND FUNCTIONAL SYSTEM SHALL BE PROVIDED AT NO ADDITIONAL COST.
 17. ALL EXISTING DUCTWORK, ELECTRICAL, OR MECHANICAL PIPING, CABLE TRAYS, ETC. IS NOT NECESSARILY SHOWN ON THE DRAWINGS. BEFORE CONTRACTOR RELOCATES OR REMOVES EXISTING WORK, THE CONTRACTOR SHALL FIELD VERIFY THE EXACT LOCATION OF ALL EXISTING EQUIPMENT, DUCTWORK, PIPINGS, ETC. IT WILL BE THE CONTRACTORS RESPONSIBILITY AND THE CONTRACTOR WILL BEAR THE COST TO ENGINEER AND RELOCATE ANY EXISTING OBSTACLES WHICH WILL INTERFERE WITH THE CONTRACTORS ABILITY TO INSTALL ALL NEW OR RELOCATED WORK IN THIS CONTRACT.
 18. CONTRACTOR SHALL NOT INSTALL CONDUIT, PIPING, LIGHTING, OR OTHER OBSTRUCTIONS UNDER OR ADJACENT TO HVAC EQUIPMENT THAT WILL ELIMINATE OR OBSTRUCT ACCESS TO THE EQUIPMENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DEMOLITION OR OTHER RELATED WORK CAN PROCEED.
 19. BEFORE THE CONTRACTOR BEGINS WORK HE SHALL RECORD ANY EXISTING SYSTEM INFORMATION SUCH AS TEMPERATURE, FLOW RATE, PRESSURE, CURRENT, VOLTAGE, OR ANY OTHER INFORMATION NECESSARY FOR HIM TO RELOCATE OR REMOVE EXISTING WORK. IF THE CONTRACTOR CANNOT OTHERWISE NOTED OTHERWISE IT IS ASSUMED THAT ALL SYSTEMS (HVAC, ELECTRICAL, PLUMBING, ETC.) ARE IN GOOD WORKING ORDER. THE CONTRACTOR, AT THE BEGINNING OF THE PROJECT, THE CONTRACTORS RECORDED MEASUREMENTS MUST BE SUBMITTED TO THE PROJECT ENGINEER FOR REVIEW AND ACCEPTANCE BEFORE FOR ANY DEMOLITION OR OTHER RELATED WORK CAN PROCEED.
 20. IF DOORS BEING REPLACED: IF THE EXISTING DOOR HAS SIGNAGE APPLIED TO IT, THIS SIGNAGE SHOULD BE CAREFULLY REMOVED AND REAPPLIED TO THE NEW DOOR. IF NO SIGNAGE IS APPLIED TO THE EXISTING DOOR, THE CONTRACTOR BE REAPPLIED IT SHOULD BE REPLACED WITH NEW SIGNAGE OF IDENTICAL TYPE.
 21. THE CONTRACTOR WILL BE RESPONSIBLE FOR MAINTAINING ALL EXISTING ACCESS TO ALL EXISTING STORAGE AREAS, EQUIPMENT STORAGE AREAS, ETC. DOORS MUST BE REINSTALLED TO THE EXISTING DOOR FRAME. THE CONTRACTOR SHALL PROJECT. THIS INCLUDES DOOR REPLACEMENT, HARDWARE REPLACEMENT, HARDWARE REPAIR, DOOR REPAIR, ETC.
 22. IF THERE IS ANY WORK TO BE DONE ON EXISTING ROOFS, SUCH AS ROOF PENETRATIONS OR STRUCTURAL REPAIRS, THAT DAMEN THE INTEGRITY OF THE ROOF, THIS WORK MUST BE DONE BY A CONTRACTOR LICENSED BY THE ROOFING BOARD OF CALIFORNIA. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING A MANUFACTURER SAYS TO NOT VOID OR INTERRUPT EXISTING SINGLE PLY MEMBRANE ROOF WARRANTY.
 23. EXISTING CROQUET COURT, BOXES, WIRE, ETC. MAY BE REUSED IN THE CONTRACTORS OPTION AS LONG AS IT MEETS THE SAME SPECIFICATIONS REQUIRED FOR NEW CROQUET. ALL WORK, NEW AND EXISTING, SHALL COMPLY WITH LATEST MEI CODES.
 24. WHERE DOOR AND HARDWARE ARE SHOWN TO BE REMOVED, THE DOOR STOPS ARE TO REMAIN AND BE REUSED UNLESS NOTED OTHERWISE.

CONSULTANTS	
<p>MECHANICAL / ELECTRICAL / PLUMBING:</p> <p>WPE <small>WEST PLAINS ENGINEERING, INC.</small></p> <p>West Plains Engineering, Inc. 4609 South Teahink Circle Sioux Falls, South Dakota 57106 Phone: 605-362-3763</p>	<p>SPECIFICATIONS:</p> <p>MAGE <small>group</small> <small>ARCHITECTURE & INTERIORS</small></p> <p>Image Group Architecture & Interiors 403 Center Ave Suite 300 Moonbeam, Minnesota 56560 Phone: 218-233-2062</p>

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POC: TODD STONE



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of Veterans Affairs

Approved:

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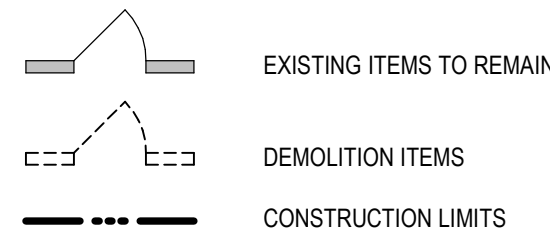
GI002



GENERAL NOTES - DEMO FLOOR PLAN

- | | |
|----|---|
| A. | REFER TO MECHANICAL DRAWINGS FOR RELATED DEMOLITION OF MECHANICAL CONSTRUCTION. |
| B. | REFER TO ELECTRICAL DRAWINGS FOR RELATED DEMOLITION OF ELECTRICAL CONSTRUCTION. |
| C. | PATCH TO MATCH SPRAY-ON FIREPROOFING DAMAGED OR REMOVED FROM STRUCTURAL MEMBERS DURING DEMOLITION. |
| D. | PATCH ABANDONED OPENINGS AND PENETRATIONS RELATED TO MECHANICAL AND ELECTRICAL DEMOLITION. |
| E. | PROTECT SURROUNDINGS ROOMS NOT UNDER CONSTRUCTION FROM DUST AND DEBRIS. THESE ROOMS ARE NOT TO BE USED BY ANY CONTRACTOR FOR ANY PURPOSE. |
| F. | FURNISHINGS OR EQUIPMENT IN AREA OF WORK ARE TO BE REMOVED AND TURNED OVER TO OWNER, UNLESS NOTED OTHERWISE. DISPOSE OF ALL ITEMS NOT WANTED BY OWNER. |
| G. | MAINTAIN ACCESS TO ALL EXITS DURING CONSTRUCTION. |
| H. | WORK TIME RESTRICTIONS: <ul style="list-style-type: none"> a. WORK WILL BE SHUT DOWN AS REQUIRED FOR STAFF/PATIENT NEEDS OR NOISE ISSUES. b. CORRIDORS TO REMAIN OPEN AT ALL TIMES; SHOULD BE SCHEDULED AFTER BUSINESS HOURS/ON WEEKENDS AND SHOULD BE SUBVOIDED TO MAINTAIN CIRCULATION. c. CORRIDOR ACCESS TO ROOMS MUST BE MAINTAINED AT ALL TIMES (EXCEPT POSSIBLY OUTSIDE BUSINESS HOURS WHEN WORK COULD BE COORDINATED AND COMPLETED). d. WORK MUST BE COORDINATED WITH THE IMMEDIATE REINSTATEMENT OF FINISHES SO CORRIDORS DO NOT REMAIN IN FINISHED STATE. e. REINSTATE CEILING TILE AT END OF EACH DAY/WHEN CEILING WORK OCCURS OUTSIDE OF 1-HOUR CONSTRUCTION BARRIERS. |
| I. | MAINTAIN NEGATIVE AIR PRESSURE IN AREAS OF WORK. |

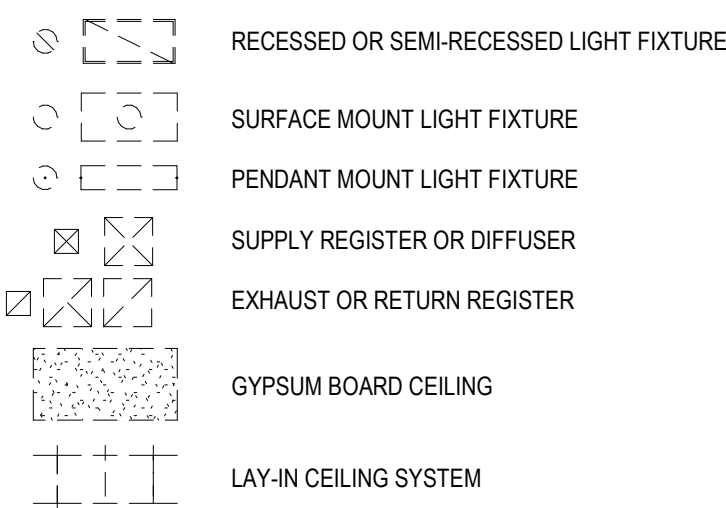
DEMOLITION PLAN LEGEND



GENERAL NOTES - DEMO RCP

- | | |
|----|---|
| A. | REFER TO MECHANICAL DRAWINGS FOR RELATED DEMOLITION OF MECHANICAL CONSTRUCTION. |
| B. | REFER TO ELECTRICAL DRAWINGS FOR RELATED DEMOLITION OF ELECTRICAL CONSTRUCTION. |
| C. | PATCH MATCH SPRAY-ON FIREPROOFING DAMAGED OR REMOVED FROM STRUCTURAL MEMBERS DURING DEMOLITION. |
| D. | PATCH ABANDONED OPENINGS AND PENETRATIONS RELATED TO MECHANICAL AND ELECTRICAL DEMOLITION. |
| E. | PROTECT SURROUNDING ROOMS NOT UNDER CONSTRUCTION FROM DUST AND DEBRIS. THESE ROOMS ARE NOT TO BE USED BY ANY CONTRACTOR FOR ANY PURPOSES. |
| F. | FURNISHINGS OR EQUIPMENT IN AREA OF WORK ARE TO BE REMOVED AND TURNED OVER TO OWNER, UNLESS NOTED OTHERWISE. DISPOSE OF ALL ITEMS NOT WANTED BY OWNER. |
| G. | MAINTAIN ACCESS TO ALL EXITS DURING CONSTRUCTION. |
| H. | WORK TIME RESTRICTIONS: <ul style="list-style-type: none"> a. WORK WILL BE SHUT DOWN AS REQUIRED FOR STAFF/PAFFICIENT NEEDS OR NOISE ISSUES. b. CORRIDORS TO MAINTAIN OPEN AT ALL TIMES. SHOULD BE SCHEDULED AFTER BUSINESS HOURS/ WEEKENDS AND SHOULD BE PROVIDED TO MAINTAIN CIRCULATION. c. CORRIDORS ACCESS TO ROOMS MUST BE MAINTAINED AT ALL TIME (EXCEPT POSSIBLY OUTSIDE BUSINESS HOURS WHEN WORK COULD BE COORDINATED AND RELATED). d. WORK MUST BE COORDINATED WITH THE IMMEDIATE REINSTATEMENT OF FINISHES SO CORRIDORS DO NOT REMAIN IN UNFINISHED STATE. e. REINSTATE CEILING TIE AT END OF EACH SHIFT WHERE CEILING WORK OCCURS OUTSIDE OF 1-HOUR CONSTRUCTION BARRIERS. |
| I. | MAINTAIN NEGATIVE AIR PRESSURE IN AREAS OF WORK. |

DEMO RCP LEGEND




Revision#	Description	Date:

CONSULTANTS	
MECHANICAL / ELECTRICAL / PLUMBING:	SPECIFICATIONS:
 <p>West Plains Engineering, Inc. 4609 South Techlink Circle Sioux Falls, South Dakota 57106 Phone: 605-362-3753</p>	 <p>Image Group Architecture & Interiors 403 Center Ave Suite 300 Moonbeam, Minnesota 55560 Phone: 218-233-2082</p>

ARCHITECT OF RECORD


A/E:

STONE GROUP ARCHITECTS
600 E 7th St
SIOUX FALLS, SD 57103
(605) 271-1144
POC: TODD STONE



The logo for Stone Group Architects features a stylized 'SG' monogram. The 'S' and 'G' are formed by thick, dark grey lines that create a sense of depth and architectural structure. Below the monogram, the words 'STONE GROUP' are written in a bold, sans-serif font, with 'ARCHITECTS' in a smaller font size underneath. A thin horizontal line separates the company name from the word 'ARCHITECTS'.

STAMP



A circular professional engineer stamp. The outer ring contains the text "REGISTERED ARCHITECT" at the top and "NORTH DAKOTA" at the bottom. Inside the ring, the word "STANDARD" is visible. A signature is written across the center of the stamp, and the date "10-21-19" is stamped at the bottom.

Office of
Construction
and Facilities
Management

VA | U.S. Department
of Veterans Affairs

Drawing Title	
DEMOLITION PLANS	
Approved:	

Phase	CD ISSUE SET
FULLY SPRINKLERED FOR OFFICIAL USE ONLY	

Project Title		
PREPARE DIGITAL RADIOGRAPHY ROOMS		
Location		
SIOUX FALLS, SOUTH DAKOTA		
Issue Date	Checked	Drawn
06/21/2019	TRS	DAN

Project Number VA #438-CSI-500 SGA #181919
Building Number 5
Drawing Number AD101

REGISTER GRILLES AND DIFFUSER SCHEDULE														
UNIT TYPE	UNIT NUMBER	MANUFACTURER	MODEL	NOMINAL SIZE			THROAT SIZE			MAX CFM	S.P.D.	NC	FRAME	COMMENTS
				WIDTH	LENGTH	DIA.	WIDTH	LENGTH	DIA.					
R	1	KRUEGER	EGC5	24"	24"		22"	22"		1600	0.04 in-wg	21	LAY-IN	1.3
S	1	KRUEGER	1910	24"			22"	4"		150	0.06 in-wg	15	LAY-IN	1.4
S	2	KRUEGER	51400	24"	24"				10"	300	0.06 in-wg	15	LAY-IN	1.2

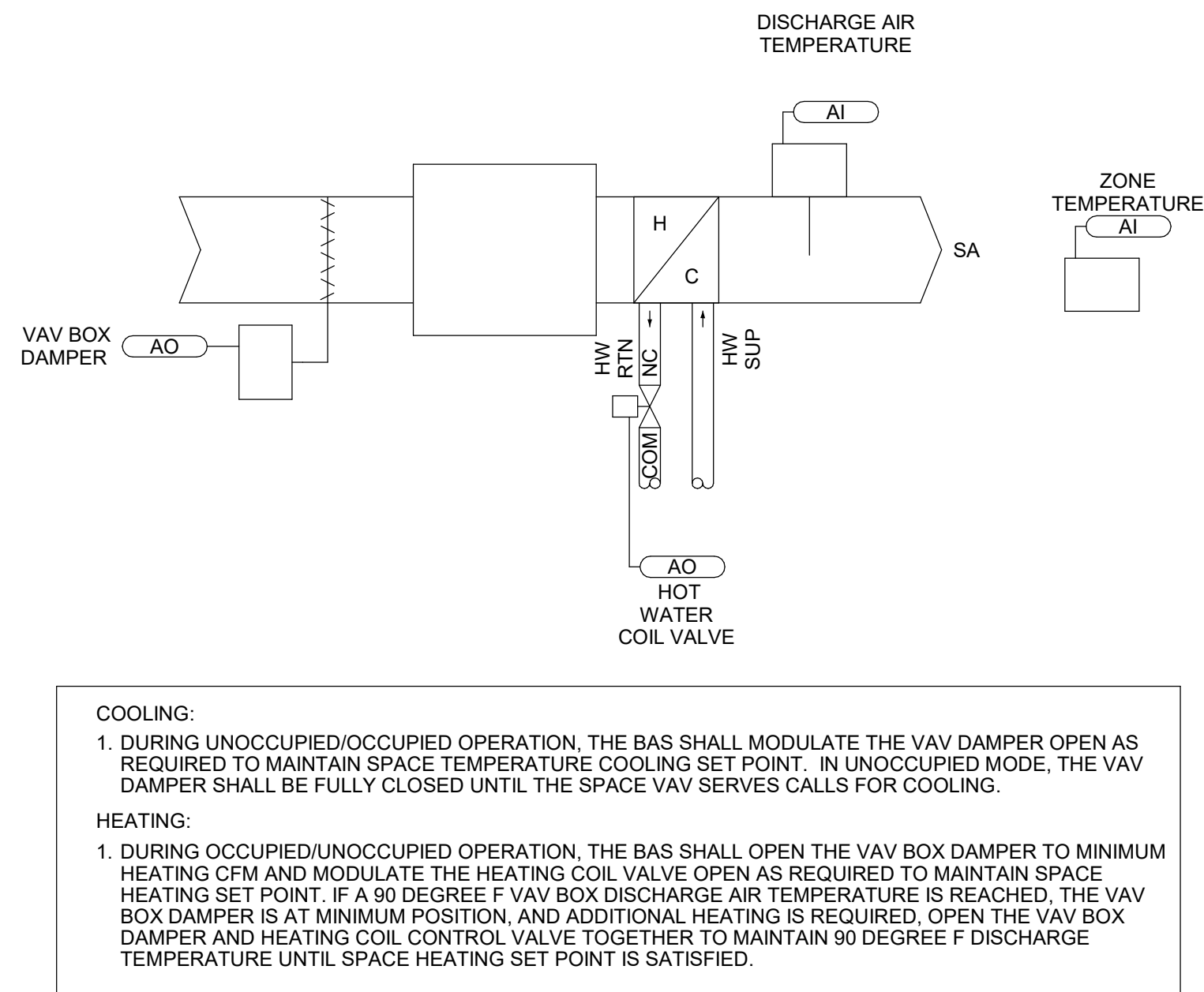
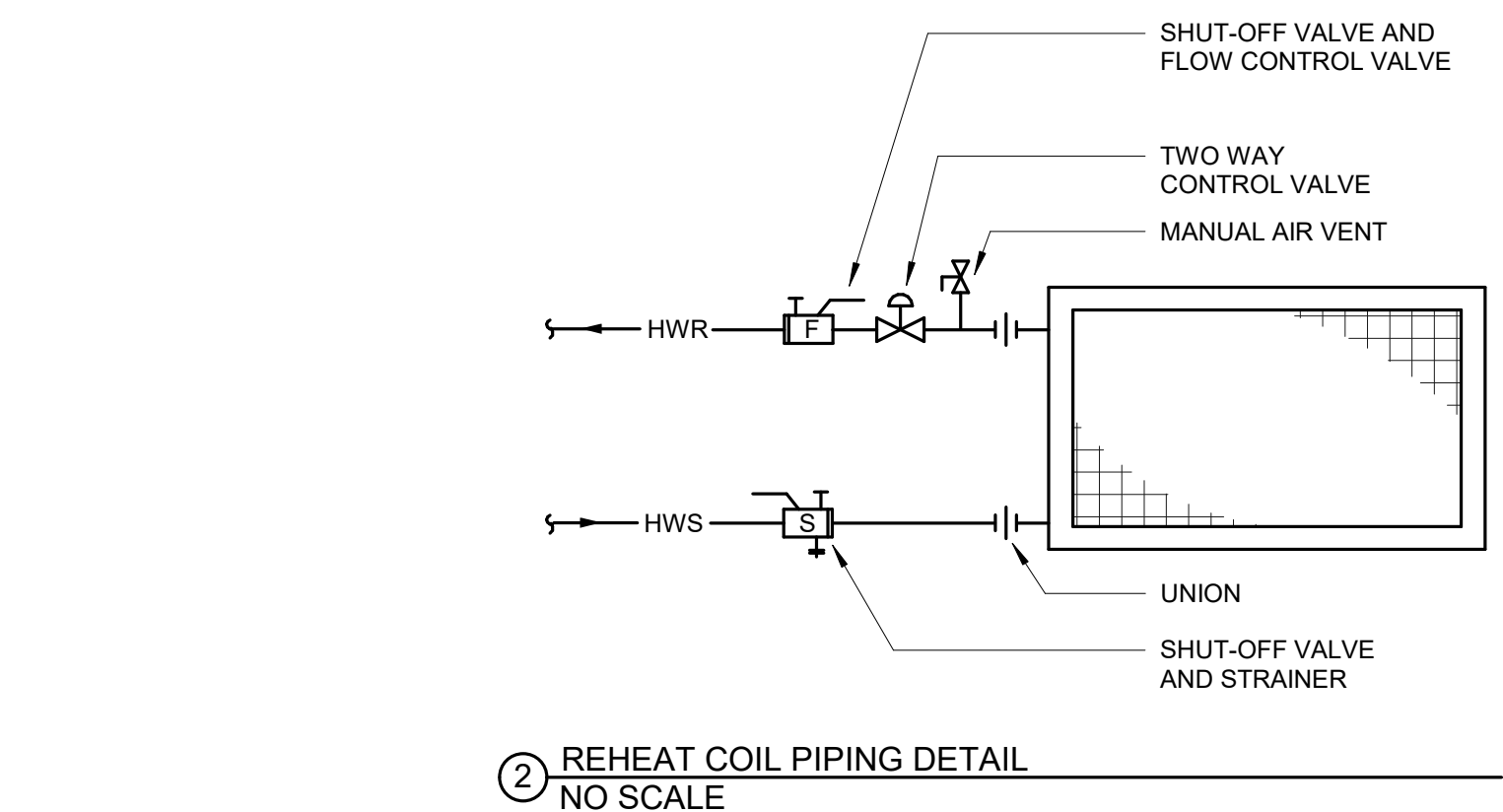
COMMENTS:
1 PROVIDE FACTORY STANDARD WHITE BAKED ENAMEL FINISH.
2 LOUVERED ALUMINUM SUPPLY AIR DIFFUSER.
3 1/2"X12"X1/2" ALUMINUM EGGGRATE RETURN GRILLE.
4 ALUMINUM LINEAR SLOT DIFFUSER - (3) 1" SLOTS. PROVIDE WITH MANUFACTURER'S INSULATED PLENUM.

VARIABLE AIR VOLUME BOX SCHEDULE																									
UNIT TYPE	UNIT NUMBER	MANUFACTURER	MODEL	PRIMARY CFM			INLET STATIC	INLET CONNECTION	COOLING				HEATING				REHEAT SECTION							NC	COMMENTS
				COOLING		HEATING MAXIMUM			OCCUPIED CFM		UNOCCUPIED CFM		OCCUPIED CFM		UNOCCUPIED CFM		GPM	BTUH	EWT/LWT	ROWS	WPD	APD	% PROP. GLYCOL		
				MAX	MIN	MAXIMUM			MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN									
VAV	5-1	KRUEGER	LMHS 10	1050	315	315	1.00 in-wg	10"	1050	315	1050	0	315	315	315	0	1	9000	180/150	1	0.22	0.13 in-wg	45	18	1,2,3,4
VAV	5-2	KRUEGER	LMHS 10	1050	315	315	1.00 in-wg	10"	1050	315	1050	0	315	315	315	0	1	9000	180/150	1	0.22	0.13 in-wg	45	18	1,2,3,4

COMMENTS:
1 PROVIDE WITH STERILIZER INSULATION.
2 CAPACITY BASED ON 55 DEG. EAT.
3 PROVIDE WITH CONTROL ENCLOSURE FOR INSTALLATION OF CONTROLLERS IN FIELD BY THE BAS CONTRACTOR.
4 PROVIDE WITH HINGED AND LOCKABLE ACCESS DOOR ON BOTTOM OF CABINET.

PLUMBING FIXTURE SCHEDULE													
UNIT TYPE	UNIT NUMBER	MANUFACTURER	MODEL	FIXTURE TYPE					WASTE	VENT	SUPPLY		TRIM/REMARKS
											CW	HW	
P	3A	ZURN	Z5364	LAVATORY (WALLHUNG TYPE SELF-SUSTAINING POWERED SENSOR FAUCET) 1.0 GPM LAMINAR FLOW, MOUNT AT ADA HEIGHT					2"	1 1/2"	1/2"	1/2"	1

COMMENTS:
1 VITREOUS CHINA, CHICAGO FAUCET 116.975 AB-1 SELF-SUSTAINING POWER RIGID GOOSENECK FAUCET WITH VANDAL RESISTANT 1.0 GPM LAMINAR FLOW OUTLET. PROVIDE WITH FAUCET MANUFACTURER'S THERMOSTATIC MIXING VALVE. OFFSET GRID DRAIN, HOLES AT 4" CENTERS, TRUEBRO LAV GUARD TAILPIECE INSULATION, EBC LA12K SUPPLY KIT WITH STOP VALVE AND TUBE RISERS. PROVIDE LAVATORY WITH SINGLE HOLE FOR FAUCET.



1 VAV BOXES
NO SCALE

MECHANICAL SYMBOLS

—CW— COLD WATER PIPE	—HW— HOT WATER PIPE	—RHW— CIRCULATING HOT WATER PIPE
—SAN— UNDERFLOOR WASTE PIPE	—SAN— ABOVE FLOOR WASTE PIPE	—V— VENT PIPE
—ST— UNDERFLOOR STORM PIPE	—ST— ABOVE FLOOR STORM PIPE	
—OST— UNDERFLOOR OVERFLOW STORM PIPE	—OST— ABOVE FLOOR OVERFLOW STORM PIPE	
—HPS— HIGH PRESSURE STEAM	—MPS— MEDIUM PRESSURE STEAM	△ CA COMPRESSED AIR OUTLET
—HPR— HIGH PRESSURE RETURN	—MPR— MEDIUM PRESSURE RETURN	△ LPS LOW PRESSURE STEAM
—PC— PUMPED CONDENSATE PIPE	—HWR— HOT WATER HEATING RETURN	△ LPR LOW PRESSURE RETURN
—G— NATURAL GAS	—CWR— CHILLED WATER RETURN PIPE	
—HWS— HOT WATER HEATING SUPPLY		
—CWS— CHILLED WATER SUPPLY PIPE		
—FOS— FUEL OIL SUPPLY	—FOR— FUEL OIL RETURN	—HG— HOT GAS
—FOV— FUEL OIL VENT	—FOG— FUEL OIL GAUGE	—GE— GAS EVACUATION PIPE
—RL— REFRIGERANT LIQUID PIPE	—RS— REFRIGERANT SUCTION PIPE	—A— CLINICAL AND LAB AIR PIPE
—O— OXYGEN PIPE	—VAC— CLINICAL AND LAB VACUUM	△ GAS EVACUATION OUTLET
—NO— NITROUS OXIDE PIPE	—N— NITROGEN PIPE	△ CLINICAL AIR OUTLET
△ OXYGEN OUTLET	△ CLINICAL AND LAB VACUUM OUTLET	—R— RECESSED SPRINKLER HEAD
△ NITROUS OXIDE OUTLET	△ NITROGEN OUTLET	—F— FLOW ALARM
—D— EQUIPMENT DRAIN	—U— UPRIGHT SPRINKLER HEAD	—P— PRESSURE/TEMPERATURE TAP
—F— FIRE SPRINKLER PIPE	—PI— POST INDICATOR VALVE	—G— PRESSURE GAUGE
—O— PENDANT TYPE SPRINKLER HEAD	—AV— AIR VENT	—S— STATIC PRESSURE SENSOR
—C— CONCEALED SPRINKLER HEAD	—FM— FLOW MEASURING DEVICE	—T— THERMOMETER
—P— PIPE CONNECTION	—EJ— EXPANSION JOINT, PIPE GUIDE	—S— STRAINER
—E— ELBOW DOWN	—C— CAPPED OUTLET	—ST— STEAM TRAP
—E— ELBOW UP	—S— SHUT OFF VALVE	—B— BACK FLOW PREVENTER
—T— TEE DOWN	—B— BALANCING VALVE	—F— FLOW CONTROL VALVE
—P— PIPE PITCH DOWN	—C— CONTROL VALVE	—S— STRAINER VALVE
—D— DIRECTION OF FLOW	—3— 3-WAY CONTROL VALVE	—P— PRESSURE SENSOR DIFFERENTIAL
—X— PIPE ANCHOR	—R— PRESSURE REDUCING VALVE	
—R— REDUCER OR INCREASER	—P— PRESSURE RELIEF VALVE	
—U— UNION	—D— DOMESTIC WATER TEMPERING VALVE	
—F— FLEXIBLE PIPE CONNECTION	—C— CHECK VALVE	
—WH— WALL HYDRANT	—C— CURB STOP	
—HB— HOSE BIB		
—CO— CLEAN OUT ABOVE FLOOR		
—WCO— WALL CLEAN OUT		
—CO— CLEAN OUT IN FLOOR		
—FD— FLOOR DRAIN		
—FS— FLOOR SINK		
—RAD— RADIATION ELEMENT		
—RAD— RADIATION DESIGNATION		
—RAD— RADIATION DESIGNATION		
—RAD— RADIATION DESIGNATION		

VENTILATION SYMBOLS

—SUPPLY DUCT (UP & DOWN)	—MANUAL VOLUME DAMPER
—RETURN DUCT (UP & DOWN)	—BRANCH DUCT INTO SIDE OF MAIN DUCT
—EXHAUST DUCT (UP & DOWN)	—DUCT RISE OR DROP IN DIRECTION OF AIR FLOW
—STANDARD RADIUS ELBOW R EQUAL W (MINIMUM)	—DUCT DIMENSION- WIDTH x DEPTH
—DUCT TURN WITH TURN VANES	—DUCT INSULATION (SEE SPECIFICATION)
—FLEXIBLE DUCT CONNECTION	—DUCT TURN AND AIR SPLIT TYPE TAKEOFF (NON-ADJUSTABLE)
—SPIRAL DUCTWORK	—GRILLE, REGISTER & DIFFUSER DESIGNATION (SUPPLY, RETURN, EXHAUST, & TRANSFER)
—LOW PRESSURE DUCTWORK MAX 2" W.G. PRESSURE	—EQUIPMENT DESIGNATION
—MEDIUM PRESSURE DUCTWORK 2"-6" W.G. PRESSURE	—FLEX DUCT (S' MAXIMUM)
—F - FIRE DAMPER	—M - MOTORIZED DAMPER
—S - SMOKE DAMPER	—B - BACKDRAFT DAMPER
—C - COMBINATION FIRE SMOKE DAMPER	

Revision#

Description

Date:

CONSULTANTS

MECHANICAL / ELECTRICAL / PLUMBING: WPE WEST PLAINS ENGINEERING, INC. 4603 South Techlink Circle Sioux Falls, South Dakota 57106 Phone: 605-362-3753

SPECIFICATIONS: IMAGE group ABC REC-108.6-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-31-32-33-34-35-36-37-38-39-40-41-42-43-44-45-46-47-48-49-50-51-52-53-54-55-56-57-58-59-60-61-62-63-64-65-66-67-68-69-70-71-72-73-74-75-76-77-78-79-80-81-82-83-84-85-86-87-88-89-90-91-92-93-94-95-96-97-98-99-100

ARCHITECT OF RECORD

A/E: STONE GROUP ARCHITECTS 600E 7th ST. SIOUX FALLS, SD 57103 (605) 271-1144 POC: TODD STONE

STAMP

Office of Construction and Facilities Management U.S. Department of Veterans Affairs

Drawing Title

MECHANICAL DETAILS, SCHEDULES & SYMBOLS

Approved:

Phase

CD ISSUE SET

Project Title

PREPARE DIGITAL RADIOGRAPHY ROOMS

Project Number

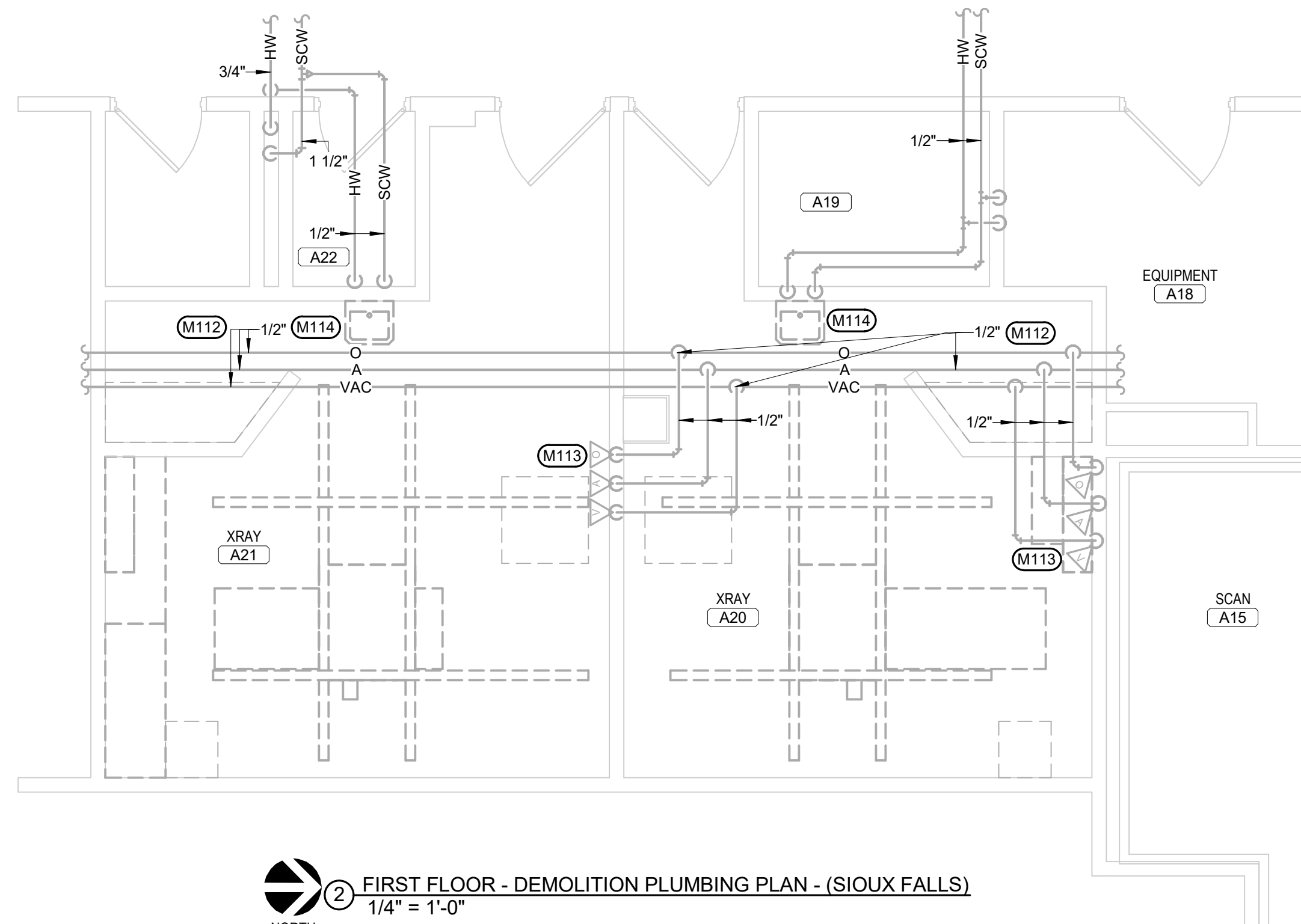
VA #VA #438-CSI-500 SGA #B519014

Building Number

5

Drawing Number

M001



M101	REMOVE SUPPLY AIR DUCTWORK BACK TO EXISTING MAIN ABOVE CORRIDOR CEILING AND SEAL OPENING IN MAIN AIRTIGHT.
M102	REMOVE VAV BOX ABOVE CORRIDOR CEILING AT LOCATION SHOWN.
M103	REMOVE SUPPLY AIR DUCTWORK AND DIFFUSERS AT LOCATION SHOWN.
M104	REMOVE RETURN AIR DUCTWORK AND GRILLES AT LOCATION SHOWN.
M105	REMOVE RETURN AIR DUCTWORK BACK TO EXISTING MAIN ABOVE CORRIDOR CEILING AND SEAL OPENING IN MAIN AIRTIGHT.
M106	REMOVE EXISTING PNEUMATIC THERMOSTAT FOR VAV BOX AT LOCATION SHOWN.
M107	EXISTING RETURN AIR DUCT MAIN AT LOCATION SHOWN TO REMAIN AND BE REUSED.
M108	EXISTING EXHAUST AIR DUCT MAIN AT LOCATION SHOWN TO REMAIN AND BE REUSED.
M109	REMOVE VAV BOX AND ALL RELATED COIL ACCESSORIES (VALVES, STRAINERS, ETC.) AT LOCATION SHOWN.
M110	REMOVE EXISTING PIPING AND BE LEFT TO MAINS AT LOCATION SHOWN AND CAP PIPING WATERTIGHT.
M112	EXISTING EXHAUST (O ₂) AIR (A) AND VACUUM (A/C) PIPING MAINS TO BE REUSED FOR EXISTING AND BE LEFT AT LOCATION SHOWN.
M113	REUSE EXISTING WALL MOUNTED TAPS FOR OXYGEN (O ₂) AIR (A) AND VACUUM (A/C) AT LOCATION SHOWN.
M114	REMOVE EXISTING WALL MOUNTED SINK AND ALL ASSOCIATED WATER AND WASTE PIPING AND BE LEFT AT LOCATION SHOWN. REMOVE WATER AND WASTE PIPING TO WALL AND PREPARE PIPING FOR CONNECTION AND EXISTING OF NEW PIPING TO NEW SINK.

- A DRAWINGS ARE SCHEMATIC IN NATURE BASED ON EXISTING DRAWINGS AND FIELD OBSERVATIONS. MECHANICAL CONTRACTOR SHALL FIELD VERIFY ALL CONDITIONS BEFORE BEGINNING WORK. REPORT DISCREPANCIES TO ARCHITECT/ENGINEER.
- B COORDINATE ANY OUTAGES WITH OWNER A MINIMUM OF 48 HOURS IN ADVANCE, OR AS REQUESTED BY OWNER.
- C OWNER SHALL HAVE FIRST SALVAGE RIGHTS OF ALL MATERIALS AND EQUIPMENT. CONTRACTOR SHALL DISPOSE OF ANY MATERIALS OR EQUIPMENT NOT TO BE SALVAGED BY OWNER AT NO ADDITIONAL COST TO THE PROJECT.
- D REMOVE EXISTING EQUIPMENT AS INDICATED ON PLANS. MECHANICAL CONTRACTOR SHALL MAINTAIN EQUIPMENT AS REQUIRED BY STATE AND LOCAL AUTHORITY HAVING JURISDICTION.
- E COORDINATE CUTTING AND PATCHING OF ALL SURFACES WITH GENERAL CONTRACTOR.
- F ITEMS INDICATED AS DASHED ARE TO BE REMOVED, ITEMS INDICATED AS LIGHT ARE TO REMAIN. ITEMS INDICATED AS DARK ARE NEW.
- G SEAL OFF AREAS WHERE DEMOLITION IS TO OCCUR FROM UNDISTURBED AREAS TO CONTAIN DUST AND DEBRIS WITHIN THE DEMOLITION AREA.
- H PROTECT ADEQUATE VENTILATION AS PER OWNER AND AGENCY. PROPERLY REMOVE ODORS AND FUMES FROM SPACES WHERE WORK IS BEING PERFORMED TO OUTDOORS.
- I MAINTAIN CURRENT AND ACCURATE FIELD DRAWINGS OF "AS-BUILT" CONDITIONS. THE DRAWINGS SHALL BE REVIEWED AT EACH CONSTRUCTION PROGRESS MEETING.

<h1>CONSULTANTS</h1>	
<p>MECHANICAL / ELECTRICAL / PLUMBING:</p> <p>WPE <small>WEST PLAINS ENGINEERING, INC.</small></p> <p>West Plains Engineering, Inc. 4609 South Teahink Drive Sioux Falls, South Dakota 57106 Phone: 605-362-3763</p>	<p>SPECIFICATIONS:</p> <p>IMAGE <small>group</small> <small>an architectural firm</small></p> <p>Image Group Architecture & Interiors 403 Center Ave Suite 300 Moorhead, Minnesota 56560 Phone: 218-223-2092</p>

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SIOUX FALLS, SD 57103
(605) 271-1144
POC: TODD STONE



VA | U.S. Department
of Veterans Affairs

Approved:

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Issue Date	06/21/2019
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Checked	JK
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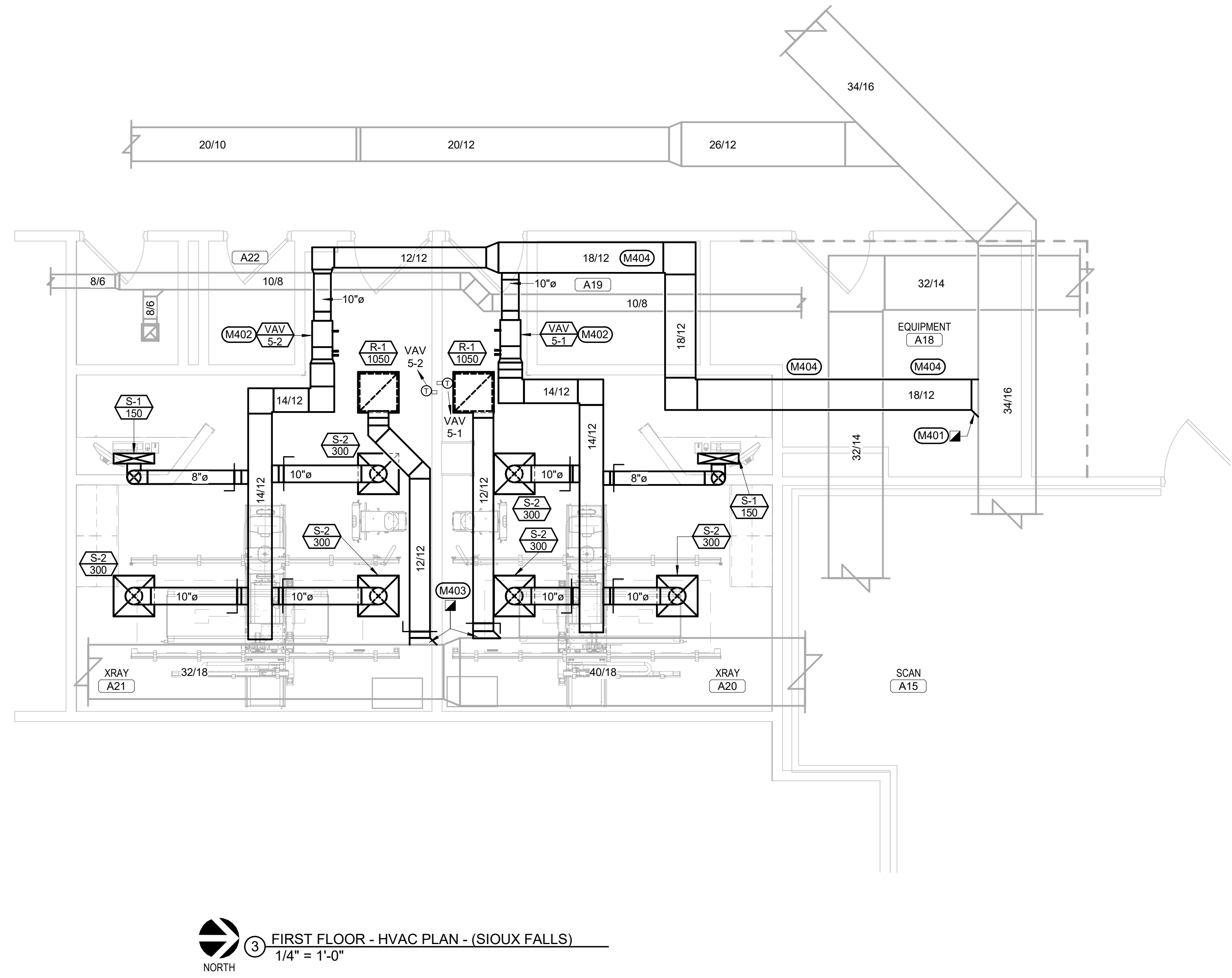
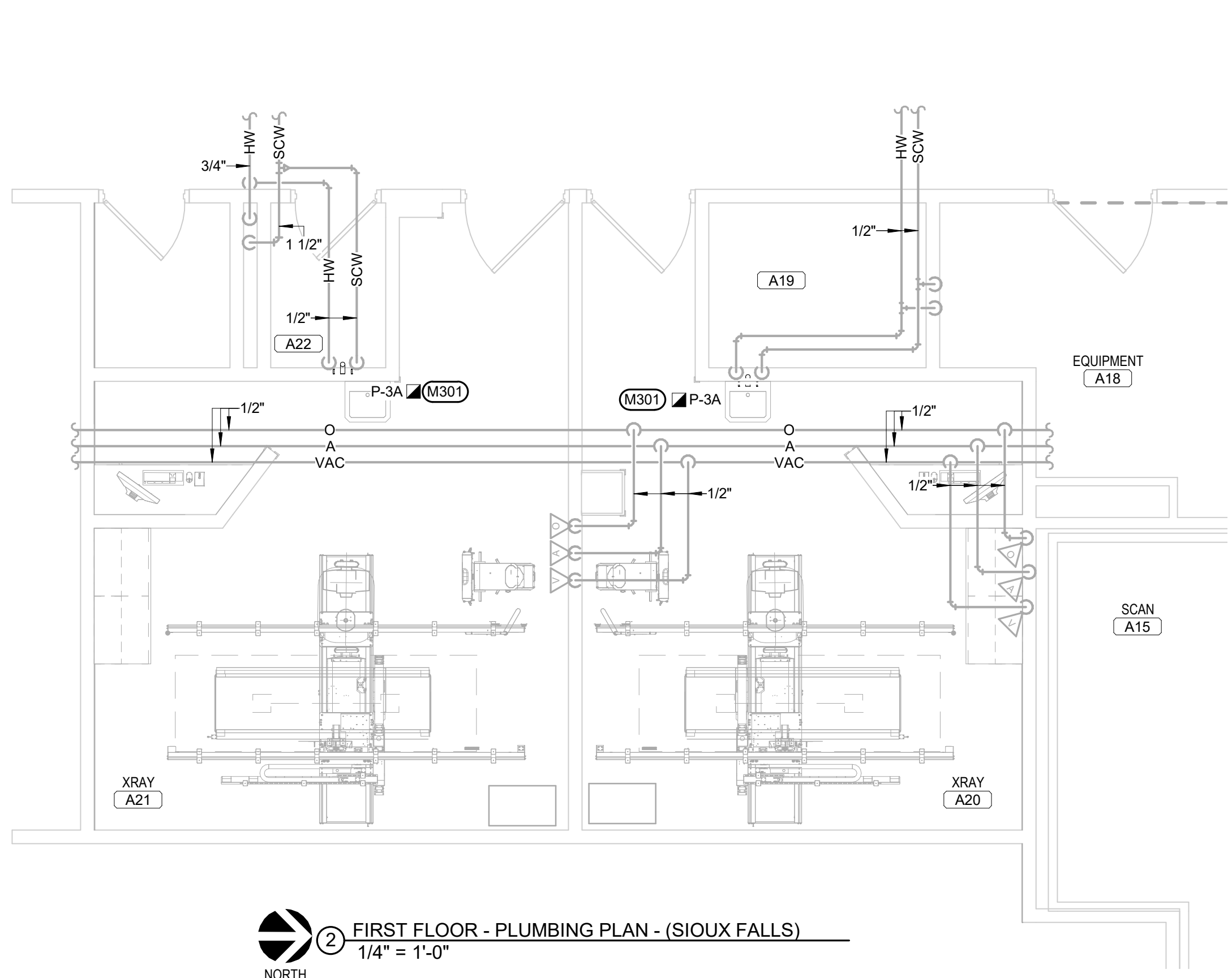
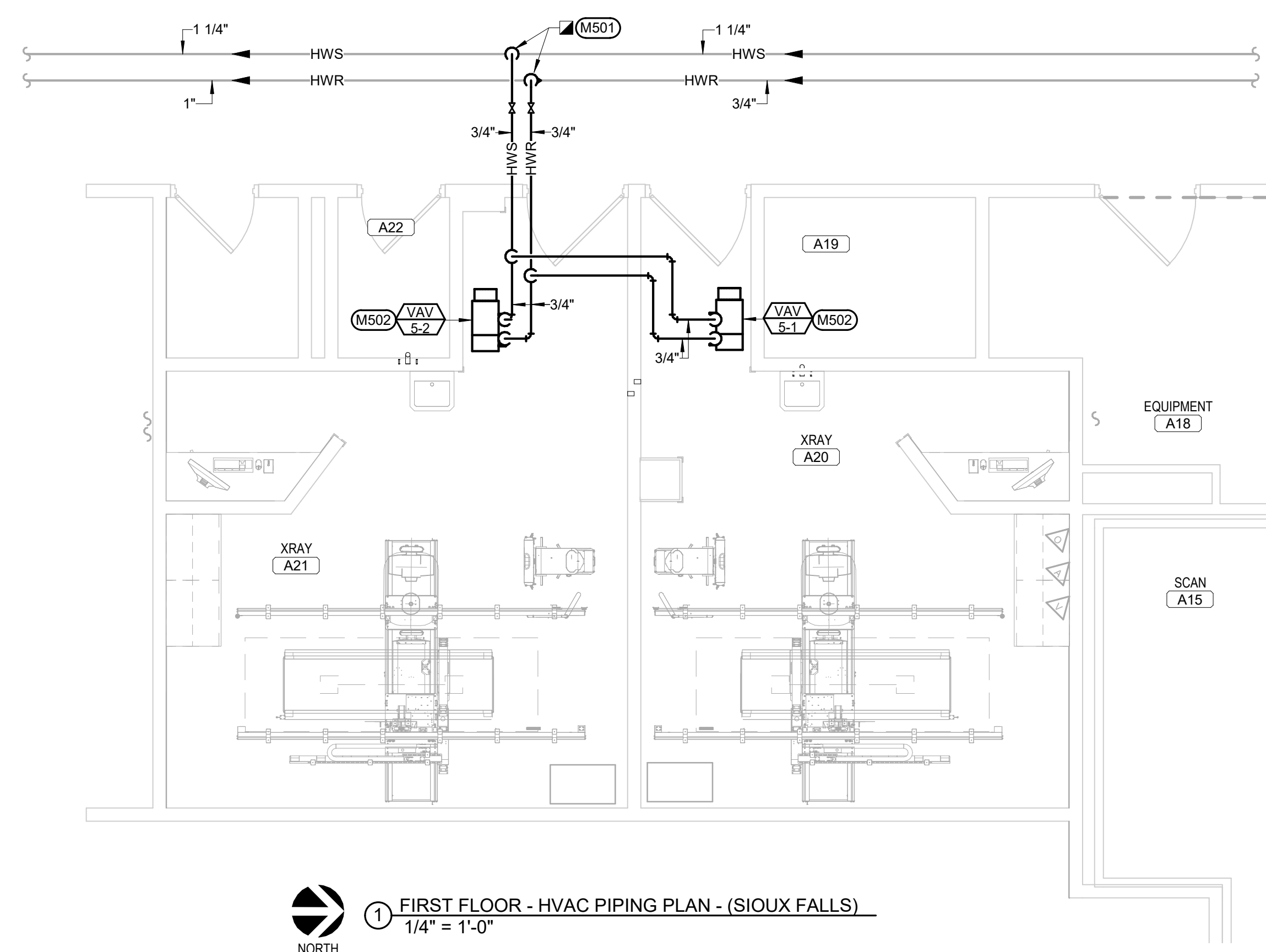
Drawn	JM
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Drawing Number	MD101
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Three inches = one foot
one and one half inches = one foot
one inch = one foot
three quarters inch = one foot
one half inch = one foot
three eighths inch = one foot
one quarter inch = one foot
one eighth inch = one foot

C:\Revit\Local Files\2018\BBS19014 PHASE I DIGITAL RADIOGRAPHY MEP18 CENTRAL - SIOUX FALLS.dwg
6/20/2018 11:39:21 AM
Jett Metzger\WPE-nt

1 2 3 4 5 6 7 8 9 10



- MECHANICAL SPECIFIC NOTES**
- M301 CONNECT NEW SINK TO EXISTING WATER, WASTE, AND VENT PIPING IN WALL. REUSE EXISTING STOP VALVES TO MAKE NEW WATER CONNECTIONS TO SINK.
 - M401 CONNECT NEW SUPPLY AIR DUCTWORK TO EXISTING DUCTWORK AT APPROXIMATE LOCATION SHOWN.
 - M402 INSTALL VAV BOX IN ACCESSIBLE LOCATION ABOVE CEILING AT LOCATION SHOWN. MAXIMUM 24" ABOVE CEILING.
 - M403 CONNECT NEW RETURN AIR DUCTWORK TO EXISTING DUCTWORK AT APPROXIMATE LOCATION SHOWN.
 - M404 ROUTE NEW DUCTWORK ABOVE EXISTING CEILING TO REMAIN AT LOCATION SHOWN. COORDINATE REMOVAL AND REINSTALLATION OF CEILING WITH THE GENERAL CONTRACTOR AS REQUIRED TO PERFORM WORK.
 - M501 CONNECT NEW HW SHWR PIPING TO EXISTING PIPING MAINS ABOVE CORRIDOR CEILING AT LOCATION SHOWN. PROVIDE NEW SHUTOFF VALVES AS SHOWN DIRECTLY ADJACENT TO CONNECTION AND IN ACCESSIBLE LOCATION ABOVE CORRIDOR CEILING.
 - M502 SEE DETAILS FOR COIL PIPING SCHEMATIC AT VAV BOX.

- HVAC PIPING MISCELLANEOUS NOTES**
- A DRAWINGS ARE SCHEMATIC IN NATURE BASED ON EXISTING DRAWINGS AND FIELD OBSERVATIONS. MECHANICAL CONTRACTOR SHALL FIELD VERIFY ALL CONDITIONS BEFORE BEGINNING WORK. REPORT DISCREPANCIES TO ARCHITECT/ENGINEER.
 - B DO NOT ROUTE PIPING ABOVE OR IN FRONT OF ELECTRICAL GEAR. MAINTAIN CODE REQUIRED CLEARANCES.
 - C COORDINATE ANY OUTGAGES WITH OWNER A MINIMUM OF 48 HOURS IN ADVANCE, OR AS REQUESTED BY OWNER.
 - D COORDINATE PIPING LAYOUTS WITH ALL EXISTING CONDITIONS. PROVIDE OFFSET AS REQUIRED TO AVOID CONFLICT.
 - E COORDINATE CUTTING AND PATCHING OF ALL SURFACES WITH GENERAL CONTRACTOR.
 - F OBTAIN AND COORDINATE ALL "HOT WORK PERMITS" WITH OWNER FOR ALL WORK WHICH REQUIRES SAID PERMIT.
 - G PROVIDE ADEQUATE VENTILATION AS PER OWNER AND OSHA TO PROPERLY REMOVE ODORS AND FUMES FROM SPACES WHERE WORK IS BEING PERFORMED TO OUTDOORS.
 - H ITEMS INDICATED AS LIGHT ARE EXISTING AND ITEMS INDICATED AS DARK ARE NEW.
 - I SEAL OFF AREAS WHERE CONSTRUCTION IS TO OCCUR FROM UNDISTURBED AREAS TO CONTAIN DUST AND DEBRIS WITHIN CONSTRUCTION AREA.
 - J MAINTAIN CURRENT AND ACCURATE FIELD DRAWINGS OF "AS-BUILT" CONDITIONS. THESE DRAWINGS SHALL BE REVIEWED AT EACH CONSTRUCTION PROGRESS MEETING.

- HVAC VENTILATION MISCELLANEOUS NOTES**
- A DRAWINGS ARE SCHEMATIC IN NATURE BASED ON EXISTING DRAWINGS AND FIELD OBSERVATIONS. MECHANICAL CONTRACTOR SHALL FIELD VERIFY ALL CONDITIONS BEFORE BEGINNING WORK. REPORT DISCREPANCIES TO ARCHITECT AND ENGINEER.
 - B DO NOT ROUTE DUCTWORK ABOVE OR IN FRONT OF ELECTRICAL GEAR. MAINTAIN CODE REQUIRED CLEARANCES.
 - C COORDINATE ANY OUTGAGES WITH OWNER A MINIMUM OF 48 HOURS IN ADVANCE, OR AS REQUESTED BY OWNER.
 - D COORDINATE DUCTWORK LAYOUTS WITH ALL EXISTING CONDITIONS. PROVIDE OFFSET AS REQUIRED TO AVOID CONFLICT.
 - E COORDINATE CUTTING AND PATCHING OF ALL SURFACES WITH GENERAL CONTRACTOR.
 - F OBTAIN AND COORDINATE ALL "HOT WORK PERMITS" WITH OWNER FOR ALL WORK WHICH REQUIRES SAID PERMIT.
 - G PROVIDE ADEQUATE VENTILATION AS PER OWNER AND OSHA TO PROPERLY REMOVE ODORS AND FUMES FROM SPACES WHERE WORK IS BEING PERFORMED TO OUTDOORS.
 - H ITEMS INDICATED AS LIGHT ARE EXISTING AND ITEMS INDICATED AS DARK ARE NEW.
 - I FLEXIBLE DUCTWORK SHALL BE LIMITED TO 3'-0" MAXIMUM LENGTH.
 - J SEAL OFF AREAS WHERE CONSTRUCTION IS TO OCCUR FROM UNDISTURBED AREAS TO CONTAIN DUST AND DEBRIS WITHIN CONSTRUCTION AREA.
 - K NO FLEXIBLE DUCTWORK IS ALLOWED ON THE RETURN AIR DUCTWORK.
 - L TEMPERATURE CONTROL CONTRACTOR SHALL PROVIDE ALL LOW VOLTAGE AND LINE VOLTAGE CONTROL WIRING AS REQUIRED FOR COMPLETE OPERATION OF ALL MECHANICAL EQUIPMENT.
 - M MAINTAIN CURRENT AND ACCURATE FIELD DRAWINGS OF "AS-BUILT" CONDITIONS. THESE DRAWINGS SHALL BE REVIEWED AT EACH CONSTRUCTION PROGRESS MEETING.
 - N DUCTWORK ELBOWS SHALL BE OF RADIUS BEND UNLESS SPACE PROHIBITS AS PER SPECIFICATIONS.
 - O INSTALL TURNING VANES ON ALL MITERED ELBOWS.

- PLUMBING MISCELLANEOUS NOTES**
- A DRAWINGS ARE SCHEMATIC IN NATURE BASED ON EXISTING DRAWINGS AND FIELD OBSERVATIONS. MECHANICAL CONTRACTOR SHALL FIELD VERIFY ALL CONDITIONS BEFORE BEGINNING WORK. REPORT DISCREPANCIES TO ARCHITECT/ENGINEER.
 - B DO NOT ROUTE PIPING ABOVE OR IN FRONT OF ELECTRICAL GEAR. MAINTAIN CODE REQUIRED CLEARANCES.
 - C COORDINATE ANY OUTGAGES WITH OWNER A MINIMUM OF 48 HOURS IN ADVANCE, OR AS REQUESTED BY OWNER.
 - D COORDINATE PIPING LAYOUTS WITH ALL EXISTING CONDITIONS. PROVIDE OFFSET AS REQUIRED TO AVOID CONFLICT.
 - E COORDINATE CUTTING AND PATCHING OF ALL SURFACES WITH GENERAL CONTRACTOR.
 - F OBTAIN AND COORDINATE ALL "HOT WORK PERMITS" WITH OWNER FOR ALL WORK WHICH REQUIRES SAID PERMIT.
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 - J MAINTAIN CURRENT AND ACCURATE FIELD DRAWINGS OF "AS-BUILT" CONDITIONS. THESE DRAWINGS SHALL BE REVIEWED AT EACH CONSTRUCTION PROGRESS MEETING.

Revision#	Description	Date:

CONSULTANTS

MECHANICAL / ELECTRICAL / PLUMBING: SPECIFICATIONS:

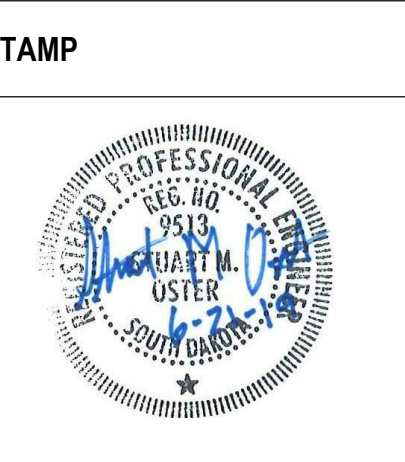
WPE West Plains Engineering, Inc.
4603 South Technic Circle
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Phone: 605-362-3753

IMAGE group Image Group Architecture & Interiors
403 Center Ave Suite 300
Moorhead, Minnesota 56560
Phone: 218-233-2062

ARCHITECT OF RECORD

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SIOUX FALLS, SD 57103
(605) 271-1144
POC: TODD STONE

STONE GROUP ARCHITECTS



Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title
MECHANICAL REMODEL PLANS

Approved:

Phase
CD ISSUE SET

FULLY SPRINKLERED FOR OFFICIAL USE ONLY

Project Title
PREPARE DIGITAL RADIOGRAPHY ROOMS

Location
SIOUX FALLS, SOUTH DAKOTA

Issue Date
06/21/2019

Checked
JK

Drawn
JM

Project Number
VA #VA #438-CSI-500
SGA #BS19014

Building Number
5

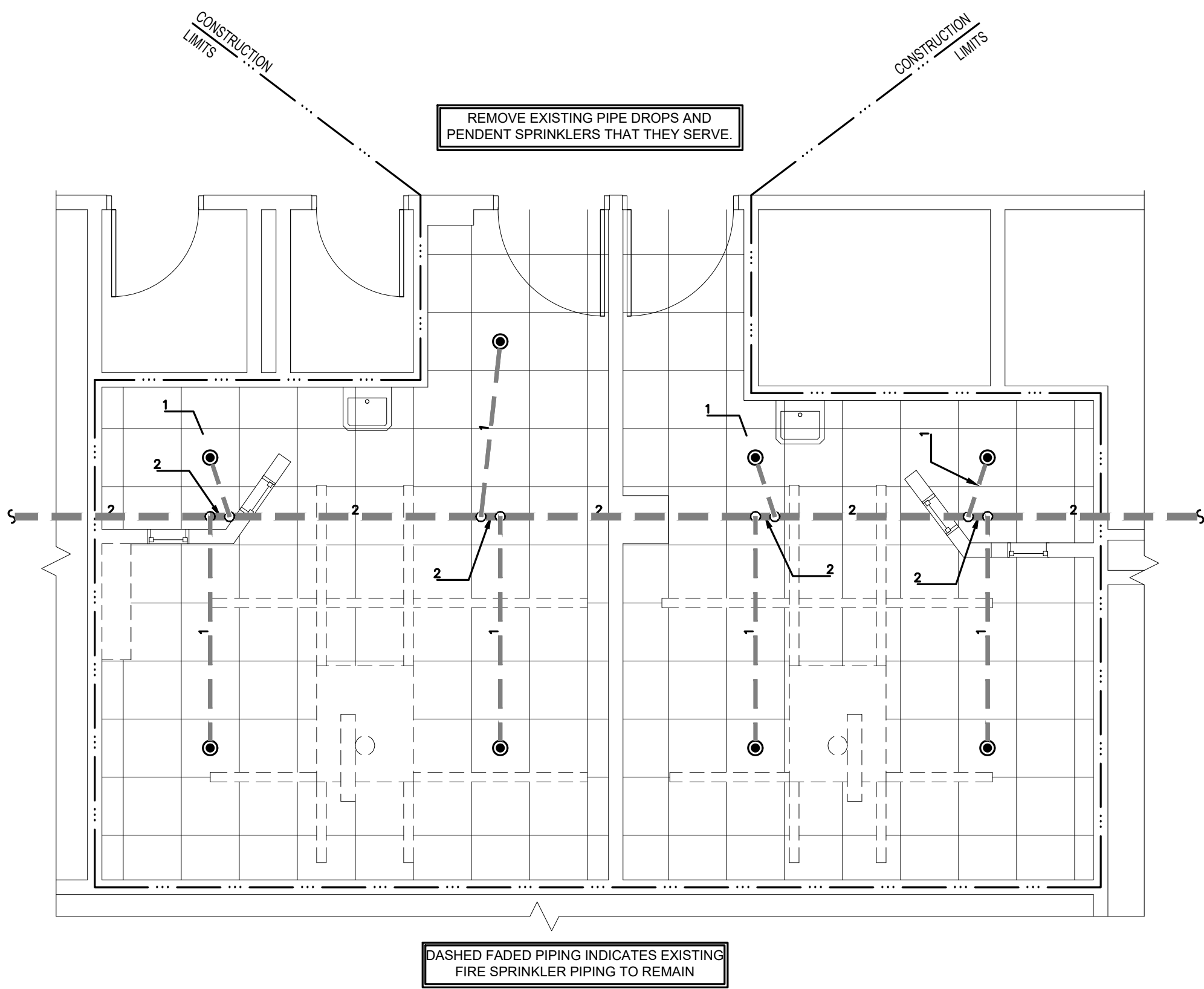
Drawing Number
ME102

VA FORM 08 - 6231 1 2 3 4 5 6 7 8 9 10






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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 quarter inch = one foot
one eighth inch = one foot

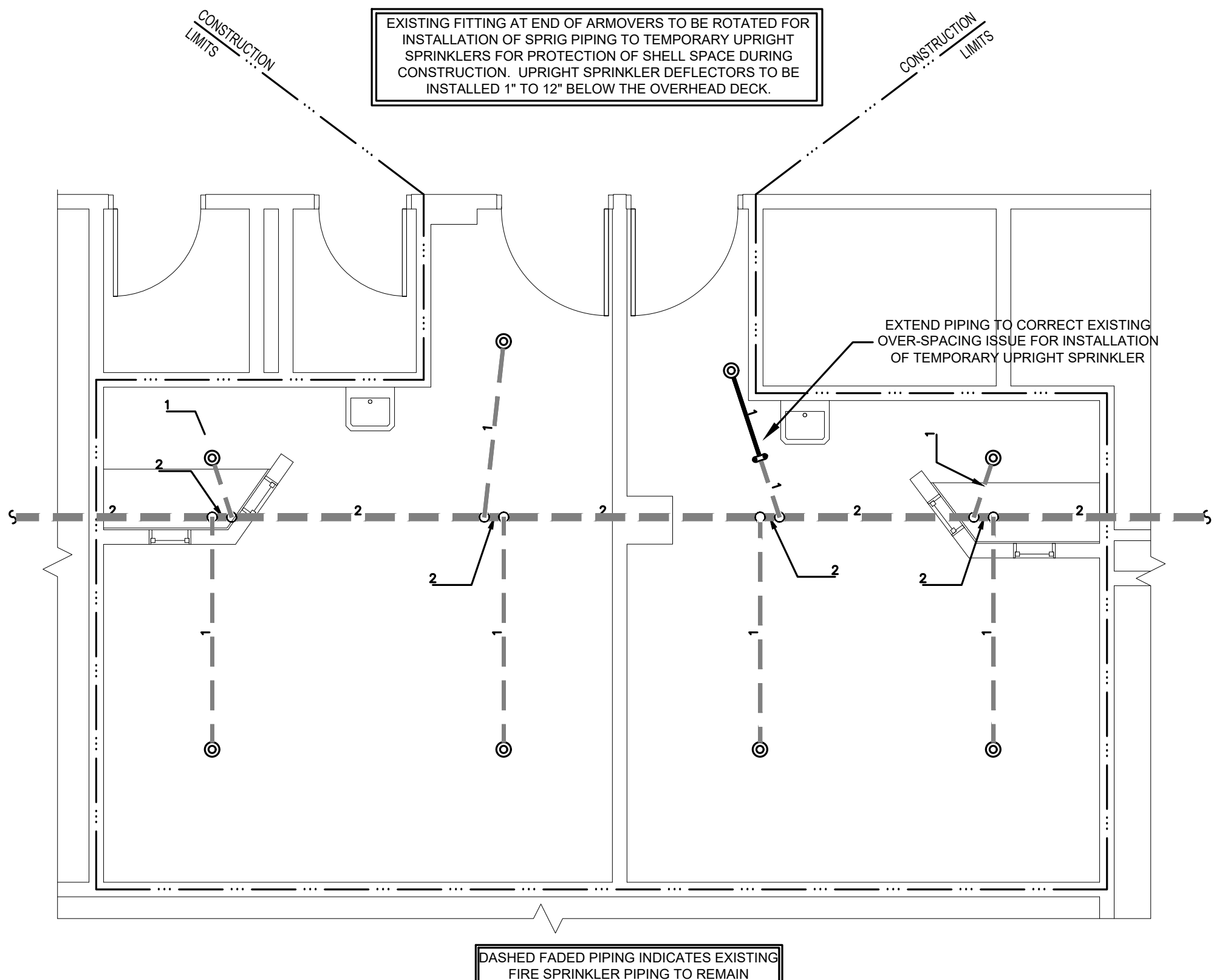
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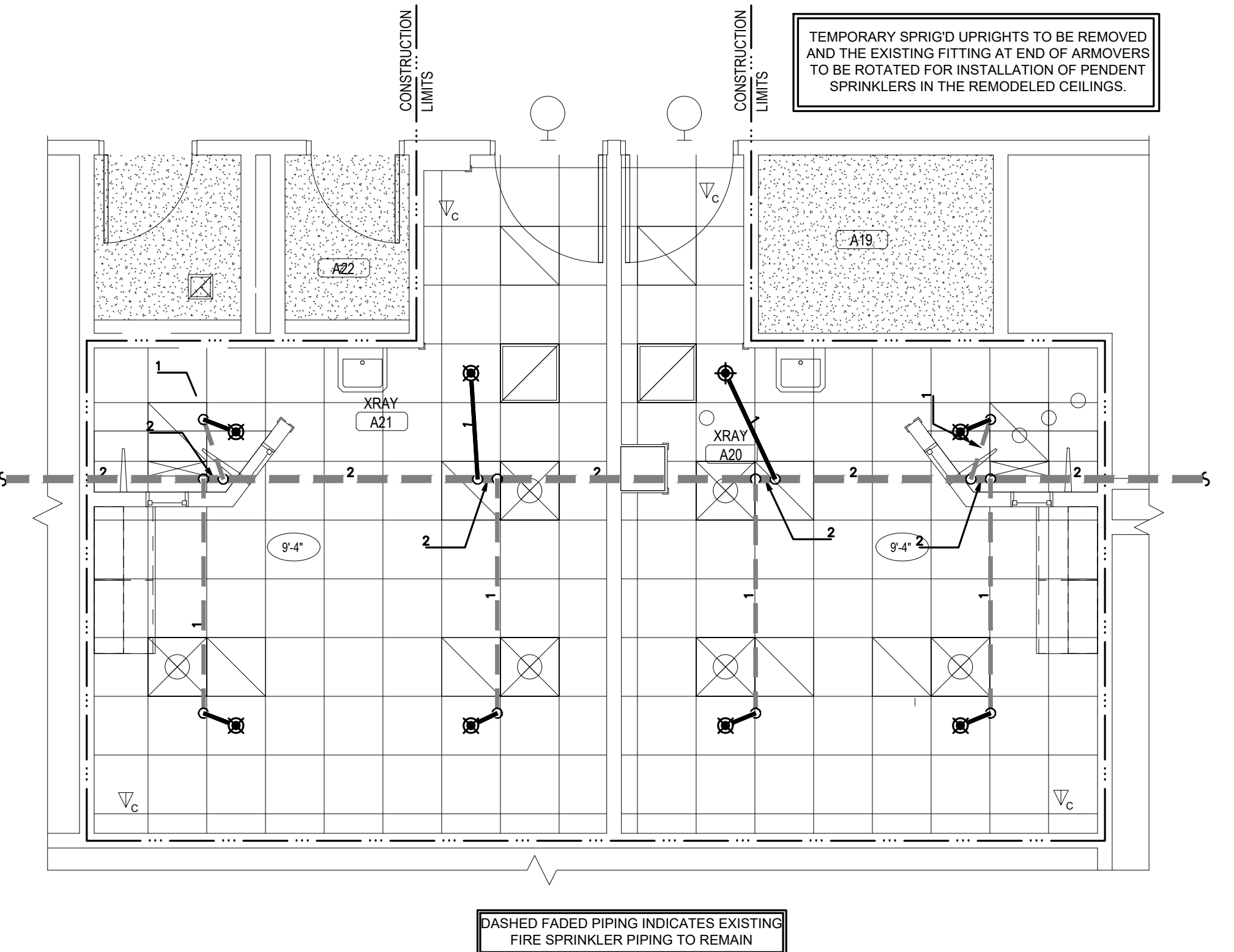
F1 FIRST FLOOR - DEMOLITION FIRE PROTECTION PLAN
1/4" = 1'-0"

			CONSULTANTS			ARCHITECT OF RECORD			STAMP	Office of Construction and Facilities Management		Drawing Title FIRE PROTECTION DEMOLITION PLAN		Phase CD ISSUE SET	Project Title PREPARE DIGITAL RADIOGRAPHY ROOMS		Project Number VA #438-CSI-500 SGA #181919			
			MECHANICAL / ELECTRICAL / PLUMBING:			SPECIFICATIONS:			FIRE PROTECTION:								Building Number 5			
																				
			West Plains Engineering, Inc. 4609 South Techlink Circle Sioux Falls, South Dakota 57106 Phone: 605-362-3753			Image Group Architecture & Interiors 403 Center Ave Suite 300 Moonhead, Minnesota 55560 Phone: 218-233-2062			Fire Engineering, Inc. 47185 Wild Clover Circle, Suite 200 Sioux Falls, South Dakota 57107 Phone: 605-543-5170											
1			CD ISSUE SET														Location SIOUX FALLS, SOUTH DAKOTA		Drawing Number FD101	
Revision#			Description														Issue Date 06/21/2019	Checked CRT	Drawn CRT	
			Date:																	

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



F1 FIRST FLOOR - FIRE PROTECTION PLAN "TEMPORARY DURING CONSTRUCTION"
1/4" = 1'-0"



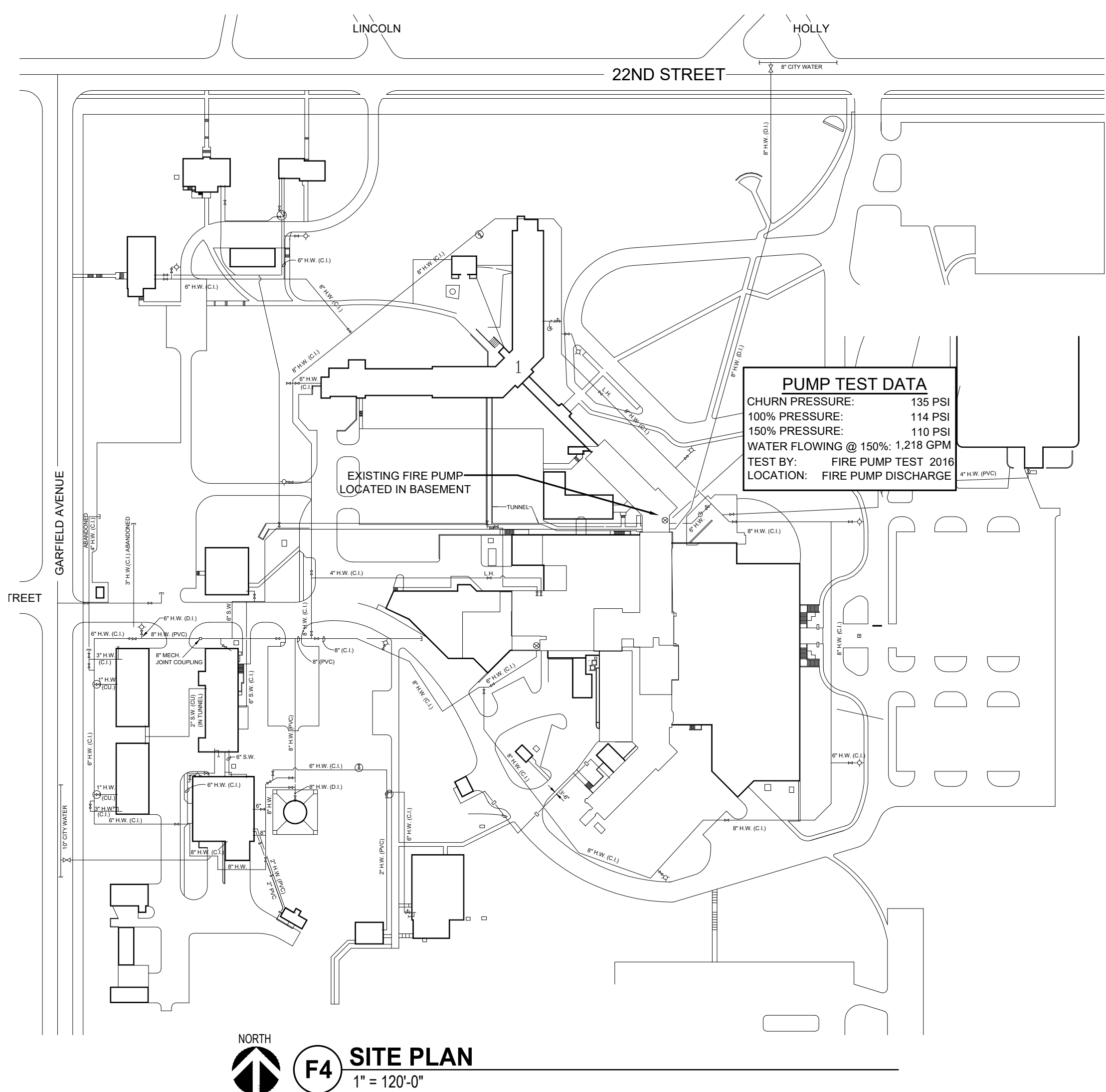
F2 FIRST FLOOR - FIRE PROTECTION PLAN
1/4" = 1'-0"

SYM	POSITION	FINISH	TEMP	K	NPT	SIN	MFG	MODEL#	NOTES	ESCLT/CHGN
○	UPRIGHT	BRASS	200	5.6	1/2"	RA1425	RELIABLE	F1FR QR	1	N/A
⊗	PENDENT	BRASS	155	5.6	1/2"	RA3415	RELIABLE	GS-56 QR	1	WHITE CONCEALED
●	EXISTING SPRINKLER TO BE DEMOLISHED									

1. OR EQUAL

F3 SPRINKLER HEAD LEGEND
NO SCALE

- GENERAL NOTES:**
- THIS PROJECT INCLUDES THE DESIGN AND INSTALLATION OF WET FIRE SPRINKLER SYSTEM(S) FOR THE REMODELED AREAS OF THE EXISTING BUILDING SHOWN ON THESE PLANS PER NFPA 13 (2016 ed.), LOCAL BUILDING CODES, AND THE VA FIRE PROTECTION DESIGN MANUAL (SEVENTH ed.). THE FIRE SPRINKLER SYSTEMS ARE SUPPLIED BY AN EXISTING #1 UNDERGROUND WATER SERVICE SUPPLIED BY THE CITY WATER SYSTEM THAT IS SUPPLEMENTED BY AN EXISTING FIRE PUMP. ALL DEMOLITION AND DISPOSAL OF EXISTING SYSTEM COMPONENTS SHALL BE PROVIDED AS REQUIRED.
 - FINAL PIPE SIZING AND LOCATION IS TO BE DETERMINED BY THE FIRE SPRINKLER CONTRACTOR AND IS SUBJECT TO APPROVAL BY THE ENGINEER. NOT ALL REQUIRED PIPING IS SHOWN.
 - REFER TO SPECIFICATION SECTIONS 21 00 60 & 21 13 13 FOR ADDITIONAL FIRE SPRINKLER SYSTEM INFORMATION.
 - ALL SPRINKLERS IN LIGHT HAZARD OCCUPANCIES ARE TO BE OF THE QUICK RESPONSE TYPE.
 - ALL SPRINKLER SHALL BE UL LISTED AND FM APPROVED PER THE VA FIRE PROTECTION DESIGN MANUAL.
 - SPRINKLERS ARE REQUIRED TO BE PROTECTED DURING PAINTING.
 - SPRINKLERS SHALL BE LOCATED IN THE CENTER POINT OF SQUARE CEILING TILES AND ALLOWED TO BE IN THE QUARTER AND/OR CENTER POINTS OF RECTANGULAR CEILING TILES.
 - HEAD GUARDS ARE TO BE INSTALLED ON ALL EXPOSED SPRINKLERS ELEVATED BELOW 7'-0". SIDEWALL SPRINKLERS LOCATED BELOW OVERHEAD DOORS, AND THROUGHOUT AREAS WHERE SPRINKLERS ARE EXPOSED TO INTERFERENCE DAMAGE.
 - ALL SYSTEMS PIPING AND FITTINGS SHALL MEET THE REQUIREMENTS OF NFPA 13.
 - REQUIRED SYSTEM TESTING IS THE RESPONSIBILITY OF THE FIRE SPRINKLER CONTRACTOR PER NFPA 25.
 - NOT ALL REQUIRED SPRINKLERS AND PIPING ARE SHOWN. CONSIDERATION OF ADDITIONAL SPRINKLERS, PIPING, AND FITTINGS DUE TO INTERFERENCE WITH OTHER TRADES, OBSTRUCTIONS, IMPROVED AESTHETICS, OR OWNER/VAH REQUESTS SHALL BE MADE PRIOR TO BID BY THE FIRE SPRINKLER CONTRACTOR.
 - FIRE SPRINKLER CONTRACTOR TO PROVIDE ALL NECESSARY MATERIAL, INCLUDING BUT NOT LIMITED TO SPRINKLERS, PIPING, VALVES, AND LABOR TO PROVIDE COMPLETE SYSTEM(S) TO COMPLY WITH NFPA 13, LOCAL BUILDING CODES, AND THE VA FIRE PROTECTION DESIGN MANUAL. ALL HYDRAULIC CALCULATIONS AND PIPE SIZING ARE THE RESPONSIBILITY OF THE FIRE SPRINKLER CONTRACTOR. ANY AND ALL CLARIFICATIONS TO BID DOCUMENTS SHALL BE MADE PRIOR TO BID.
 - UPRIGHT SPRINKLERS TO HAVE A BRASS FINISH THROUGHOUT.
 - ALL PIPING 2-1/2" AND LARGER SHALL BE GROOVED SCHEDULE 10 STEEL PIPING WITH ROLL GROOVES ONLY.
 - ALL PIPING 2" AND SMALLER SHALL BE THREADED SCHEDULE 40 BLACK STEEL PIPING.
 - ALL THREADED FITTINGS SHALL BE DUCTILE IRON.
 - ALL PIPING THAT PENETRATES AN EXTERIOR WALL SHALL BE GALVANIZED SCHEDULE 40 LISTED FLEX PIPING TO PENDENT HEADS IN CEILINGS IS ALLOWED FOR THIS PROJECT WHERE PROVEN HYDRAULICALLY.
 - CPVC IS NOT ALLOWED FOR THIS PROJECT.
 - ALL MATERIAL BEING INSTALLED MUST BE NEW AND LISTED FOR USE.
 - THE FIRE SPRINKLER CONTRACTOR SHALL VERIFY LOCATIONS AND ROUTING OF PIPE PRIOR TO BID. NO ALLOWANCES FOR EXTRA FITTINGS, PIPING, SPRINKLERS, ETC. WILL BE ALLOWED AFTER AWARD OF CONTRACT.
 - PIPING SHOWN ON THESE PLANS IS CONCEPTUAL BUT IS TO BE CLOSELY FOLLOWED BY THE FIRE SPRINKLER CONTRACTOR. ANY MAJOR CHANGES TO WHAT IS BEING INDICATED ON THESE PLANS SHALL FIRST BE APPROVED BY THE ARCHITECT AND ENGINEER.
 - ALL ARCHITECTURAL, STRUCTURAL, MECHANICAL, & ELECTRICAL FEATURES INDICATED ON THE PP SHEETS SHALL BE VERIFIED BY CONSULTING THE AS/ME SHEETS.
 - ALL SPRINKLERS LOCATED NEAR HEAT PRODUCING DEVICES SHALL BE PROVIDED WITH THE APPROPRIATE TEMPERATURE RATING PER THE REQUIREMENTS OF NFPA 13.
 - THE FIRE SPRINKLER CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL EXISTING SPRINKLER SYSTEM COMPONENTS SHOWN ON THESE PLANS PRIOR TO BID.
 - SHOULD ANY EXISTING SYSTEM DEFICIENCIES NOT INDICATED ON THESE PLANS BE DISCOVERED AS PART OF CONDUCTING THE WORK INCLUDED IN THIS SCOPE, THEY SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER IMMEDIATELY.
 - THESE PLANS SHALL BE USED AS A GENERAL GUIDE IN THE GENERATION OF THE FIRE SPRINKLER CONTRACTORS BID AND ARE NOT INTENDED TO INDICATE THE ENTIRE EXTENT OF SPRINKLER PROTECTION REQUIRED. ANY AREAS REQUIRED TO BE PROTECTED PER NFPA 13 THAT MAY OR MAY NOT BE SHOWN WITH PROTECTION ON THESE PLANS SHALL BE INCLUDED IN THE CONTRACTORS BID. NO ALLOWANCES FOR EXTRAS WILL BE ALLOWED AFTER AWARD OF CONTRACT.
 - FIRE SPRINKLER CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL AND RE-INSTALLING OF EXISTING CEILING TILE AND WALLS NOT REMOVED BY THE GENERAL CONTRACTOR FOR THE DEMOLITION OF EXISTING FIRE PROTECTION PIPING, SPRINKLER HEADS, ETC. ANY CEILING OR WALL COMPONENTS DAMAGED SHALL BE REPLACED OR PATCHED WITH NEW BY THIS CONTRACTOR.
- OCCUPANCY HAZARD CLASSIFICATIONS:**
- SEE PLAN FOR HAZARD NOTATIONS. ALL AREAS TO BE DESIGNED AS LIGHT HAZARD UNLESS NOTED OTHERWISE.
 - LIGHT HAZARD OCCUPANCIES
 - 0.10 GPM/SQ FT PER MOST DEMANDING 1500 SQ FT.
 - (OHD)** - ORDINARY HAZARD GROUP 1 OCCUPANCIES
 - 0.15 GPM/SQ FT PER MOST DEMANDING 1500 SQ FT.
 - (OHD)** - ORDINARY HAZARD GROUP 2 OCCUPANCIES
 - 0.20 GPM/SQ FT PER MOST DEMANDING 1500 SQ FT.
 - PIPE SIZING TO COMPLY WITH NFPA 13 PIPE SCHEDULE METHOD.



F4 SITE PLAN
1" = 120'-0"

Revision#	Description	Date:
1	CD ISSUE SET	06/21/2019

CONSULTANTS

MECHANICAL / ELECTRICAL / PLUMBING: **WPE** West Plains Engineering, Inc. 4900 South Techlink Circle Sioux Falls, South Dakota 57106 Phone: 605-362-3753

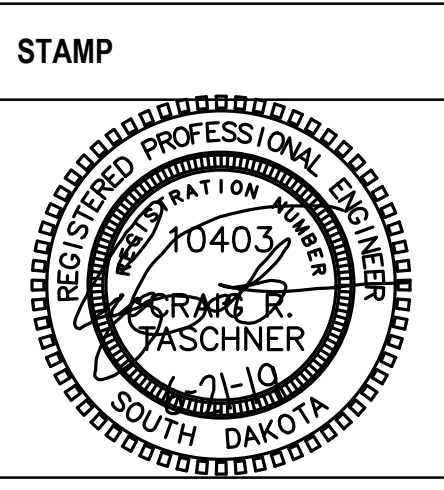
SPECIFICATIONS: **IMAGE group** Image Group Architecture & Interiors 403 Center Ave Suite 300 Moorhead, Minnesota 56560 Phone: 218-233-2062

FIRE PROTECTION: **FIRE ENGINEERING** Fire Engineering, Inc. 47185 Wisp Clover Circle, Suite 200 Sioux Falls, South Dakota 57107 Phone: 605-643-5170

ARCHITECT OF RECORD

A/E: Stone Group Architects 319 N Main Ave Suite 2 Sioux Falls, SD 57104 Phone: 605-271-1144 Todd Stone, AIA

STONE GROUP ARCHITECTS



Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title
FIRE PROTECTION REMODEL & DETAILS PLAN

Approved:

Phase
CD ISSUE SET

FULLY SPRINKLERED
FOR OFFICIAL USE ONLY

Project Title
PREPARE DIGITAL RADIOGRAPHY ROOMS

Location
SIOUX FALLS, SOUTH DAKOTA

Issue Date
06/21/2019

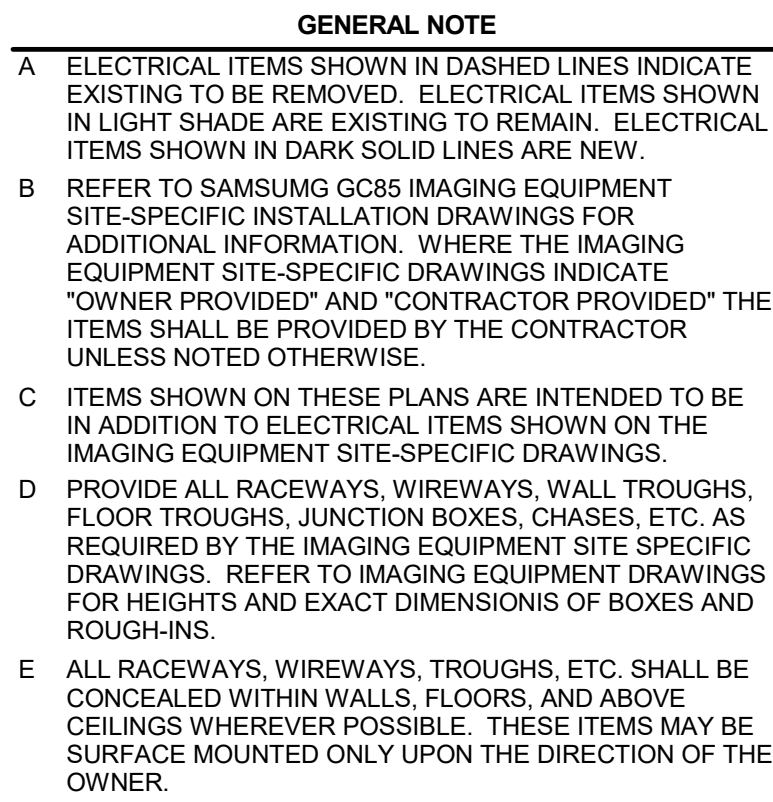
Checked
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Drawn
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Project Number
VA #438-CSI-500 SGA #181919

Building Number
5

Drawing Number
FA102



ELECTRICAL SPECIFIC NOTES

E103 EXISTING 125A 480V 3-POLE ENCLOSED CIRCUIT BREAKER, REFERRED TO ON THE IMAGING EQUIPMENT SUPPLIERS' SPECIFICATIONS SHEET (CBE1), TO BE REMOVED AND THE EXISTING FEEDER CONDUCTORS FROM SOURCE AS THEY WILL BE REUSED AND CONNECTED TO A NEW FEEDER CIRCUIT. PROVIDE A NEW 125A ENCLOSED CIRCUIT BREAKER.

E104 EXISTING 208V 3-PHASE, 4-WIRE LIGHTING AND APPLIANCE PANEL TO REMAIN. VERIFY LOADS SERVED AND PROVIDE AN UPDATED TYPED PANEL SCHEDULE, TURN OFF ANY SPARE BREAKERS AND LABEL THEM AS SPARE.

E105 REMOVE ALL LIGHTING AND ASSOCIATED CONTROLS. PROVIDE NEW LIGHTING AS NOTED.

E106 EXISTING RECEPTACLES SHALL REMAIN. TYPICAL THIS ROOM.

E107 EXISTING 12-INCH WIDE BY 3-INCH DEEP ELECTRICAL RACK TO REMAIN.

E108 EXISTING TELECOMMUNICATIONS OUTLET TO REMAIN.

E109 FED FROM DISTRIBUTION PANEL DP-04H.

E110 FED FROM DISTRIBUTION PANEL HW-1.

E111 REMOVE EXISTING CENTRAK DEVICE TO ACCOMMODATE CEILING REPLACEMENT. COIL FEEDER CABLES TO BE REMOVED. PROVIDE NEW CONSTRUCTION. INSTALL EXISTING DEVICE ON NEW CEILING IN APPROXIMATELY THE SAME LOCATION. NOOBS ON CEILING. PROVIDE NEW CEILING.

E112 EXISTING WALL INDICATOR LIGHT TO BE REMOVED. EXISTING DATA OUTLET TO BE REMOVED.

E246 NEW 80A 3-POLE, 480V ENCLOSED CIRCUIT BREAKER, REFERRED TO ON THE IMAGING EQUIPMENT SUPPLIERS' SPECIFICATIONS SHEET, CBE1. THIS EQUIPMENT SHALL BE PROVIDED IN ACCORDANCE WITH THE IMAGING EQUIPMENT SUPPLIERS' REQUIREMENTS. CONNECT TO THE FEEDER PREVIOUSLY SERVING THE 125A ENCLOSED CIRCUIT BREAKER.

E247 PROVIDE FOUR #4 CU PLUS A #1 CU GROUND FROM NEW ENCLOSED CIRCUIT BREAKER TO XRAY GENERATOR PER IMAGING EQUIPMENT SUPPLIERS' INSTALLATION INSTRUCTIONS.

E248 PROVIDE AN EMERGENCY OFF PUSH BUTTON. INSTALL PER IMAGING EQUIPMENT SUPPLIER DRAWINGS.

E249 END EXISTING ELECTRICAL FLOOR TROUGH AS REQUIRED TO FEED A NEW FLOOR BOX AS REQUIRED FOR THE IMAGING EQUIPMENT. REFER TO IMAGING EQUIPMENT SUPPLIERS' SPECIFICATIONS FOR FLOOR BOX REQUIREMENTS AND ROUGH-IN LOCATION. COORDINATE FLOOR CUTTING WITH OTHER TRADES.

E250 REFER TO IMAGING EQUIPMENT SUPPLIERS SITE-SPECIFIC DRAWINGS FOR INSTALLATION. PROVIDE IMAGING EQUIPMENT SUPPLIERS' REQUIREMENTS FOR RACEWAYS, WIREWAYS, FLOOR TROUGH, FLOOR BOXES, JUNCTION BOXES, ETC. THESE ELECTRICAL EQUIPMENT SHALL BE PROVIDED BY THE IMAGING EQUIPMENT SUPPLIERS. PROVIDE CIRCUIT BREAKER (IMAGING EQUIPMENT ITEM CBE1). CONDUITS SHALL BE SIZED IN ACCORDANCE WITH THE IMAGING EQUIPMENT SUPPLIERS' SPECIFICATIONS WHERE THE NEC REQUIRES THE RACEWAY BE LARGER, AND AS SUCH THE LARGER RACEWAY SIZE SHALL BE PROVIDED.

E251 REINSTALL EXISTING CENTRAK DEVICE IN APPROXIMATELY THE SAME LOCATION ONCE NEW CEILING IS INSTALLED.

E324 PROVIDE A CARPET BORDER AND INTERLOCK WITH ASSOCIATED IMAGING ROOM DOOR HARDWARE. CONNECT TO CAMPUS ACCESS CONTROL SYSTEM. PROVIDE CONDUIT AND RACEWAY TO THE GYM GYM JUNCTION BOX WITH A 3/4" CONDUIT STUBBED ABOVE THE CEILING ON THE CORRIDOR SIDE OF THE DOOR. PROVIDE A 3/4" CONDUIT STUBBED FROM THE DOOR STRIKE AND STUB ABOVE TO THE ACCESSIBLE CEILING SPACE IN THE CORRIDOR FOR THE DOOR STRIKE.

E325 PROVIDE A NEW DATA OUTLET, INSTALLED BELOW COUNTER. OUTLET SHALL HAVE THREE DATA DROPS. ROUTE CABLES TO EXISTING DATA RACK. PROVIDE APPROXIMATELY 10 FEET OF NEW A20/21. FISH DATA CABLE TO JACK UNDER DESK IN A20/21. DO NOT USE SURFACE-MOUNTED RACEWAY. PROVIDE CABLES TO THE DATA RACK WHEN INSTALLED ABOVE ACCESSIBLE CEILINGS.

E326 EXISTING WALL PHONE TO REMAIN. REMOVE EXISTING TELEPHONE RACK. PROVIDE NEW DATA LINE. INSTALL IN EXISTING RACEWAY AND TERMINATE TO A NEW FACEPLATE. ROUTE CABLES FROM DATA LINE TO EXISTING DATA RACK. PROVIDE APPROXIMATELY 10 FEET OF NEW A20/21. SUPPORT CABLES WITH J-HOOKS WHERE INSTALLED ABOVE ACCESSIBLE CEILING.

E409 CONNECT NEW LIGHTING IN THIS ROOM TO THE LIGHTING CIRCUIT PREVIOUSLY SERVING LIGHTS IN THIS SPACE.

E410 PROVIDE 10V DIMMER SWITCHES AND CORRESPONDING 3-WAY SWITCH WHERE APPLICABLE THAT ARE LISTED AS COMPATIBLE WITH THE LIGHT FIXTURES.

E411 PROVIDE AN XRAY WARNING LIGHT. DUAL LITE MODEL OBSIDIAN OBN-U-S-R-W WITH THE XRAY IN THE DOOR LOCK AS NOTED ON THE EQUIPMENT PER THE SUPPLIERS REQUIREMENTS.

3323 REINSTALL EXISTING CENTRAK DEVICE IN APPROXIMATELY THE SAME LOCATION ONCE NEW INSTALLATION IS COMPLETE.

E324 PROVIDE A CARD READER AND INTERLOCK WITH ASSOCIATED IMAGING ROOM DOOR HARDWARE. CONNECT TO CAMERA ACCESS CONTROL SYSTEM WITH 1/2" COAXIAL CABLE. PROVIDE 1/2" GANG JUNCTION BOX WITH A 3/4" CONDUIT STUBBED TO THE CEILING. PROVIDE 1/2" COAXIAL CABLE OF THE DOOR. PROVIDE A HALF-INCH CONDUIT FROM THE DOOR STRIKE AND STUB ABOVE TO THE ACCESSIBLE CEILING JOINT IN THE CORRIDOR FOR ELECTRIC STRIKE WIRING.



E325 PROVIDE A NEW DATA OUTLET, INSTALLED BELOW CORNER. OUTLET SHALL HAVE THREE DATA PORTS. ROUTE DATA CABLE FROM ROOM A47, APPROXIMATELY 60 FEET WEST OF ROOM A20/A21. FISH DATA CABLE TO JACK UNDER DESK IN ROOM A47. NO USE OF J-hooks. SUPPORT CABLES WITH J-HOOKS WHERE INSTALLED ABOVE ACCESSIBLE CEILINGS.

E326 EXISTING WALL PHONE TO REMAIN. REMOVE EXISTING EXTERIOR PHONE TO PROVIDE A NEW DATA LINE. INSTALL IN EXISTING RACEWAY AND TERMINATE TO A NEW FACEPLATE. ROUTE CABLES TO EXISTING DATA PORT IN ROOM A47, APPROXIMATELY 60 FEET WEST OF ROOMS A20/A21. SUPPORT CABLES WITH J-HOOKS WHERE INSTALLED ABOVE ACCESSIBLE CEILING.

E409 CONNECT NEW LIGHTING IN THIS ROOM TO THE LIGHTING CIRCUIT PREVIOUSLY SERVING LIGHTS IN TOWER.

E410 PROVIDE 0-10V DIMMER SWITCHES (AND CORRESPONDING 3-WAY SWITCH WHERE APPLICABLE) THAT ARE LISTED AS COMPATIBLE WITH THE LIGHT FIXTURES.

E411 PROVIDE AN XRAY WARNING LIGHT, DUAL LITE MODEL OBSIDIAN ON-U-S-R-W WITH TEXT "XRAY IN PROGRESS" AND BLOCKING OF EQUIPMENT" FOR THE SUPPLIERS REQUIREMENTS.

	Office of Construction and Facilities Management	Drawing Title ELECTRICAL PLANS	Phase CD ISSUED
	 U.S. Department of Veterans Affairs	Approved:	FULLY SIGNED FOR OFFICIAL USE

[illegible]

ARCHITECT OF RECORD

A/E:

STONE GROUP ARCHITECTS
600E 7th ST.
SIOUX FALLS, SD 57103
(605) 271-1144
POC: TODD STONE



STONE GROUP
ARCHITECTS



Drawing Title ELECTRICAL PLANS		Phase CD ISSUE SET		Project Title PREPARE DIGITAL RADIOGRAPHY ROOMS		Project Number VA #VA #438-CSI-500 SGA #BS19014	
Approved:		FULLY SPRINKLERED FOR OFFICIAL USE ONLY		Location SIOUX FALLS, SOUTH DAKOTA		Building Number 5	
				Issue Date 06/21/2019		Checked JK	
				Drawn JM		Drawing Number EE101	

VA FORM 08 - 6231										
1	2	3	4	5	6	7	8	9	10	11

Three inches = one foot

one and one half inches = one foot

one inch = one foot

Three quarters inch = one foot

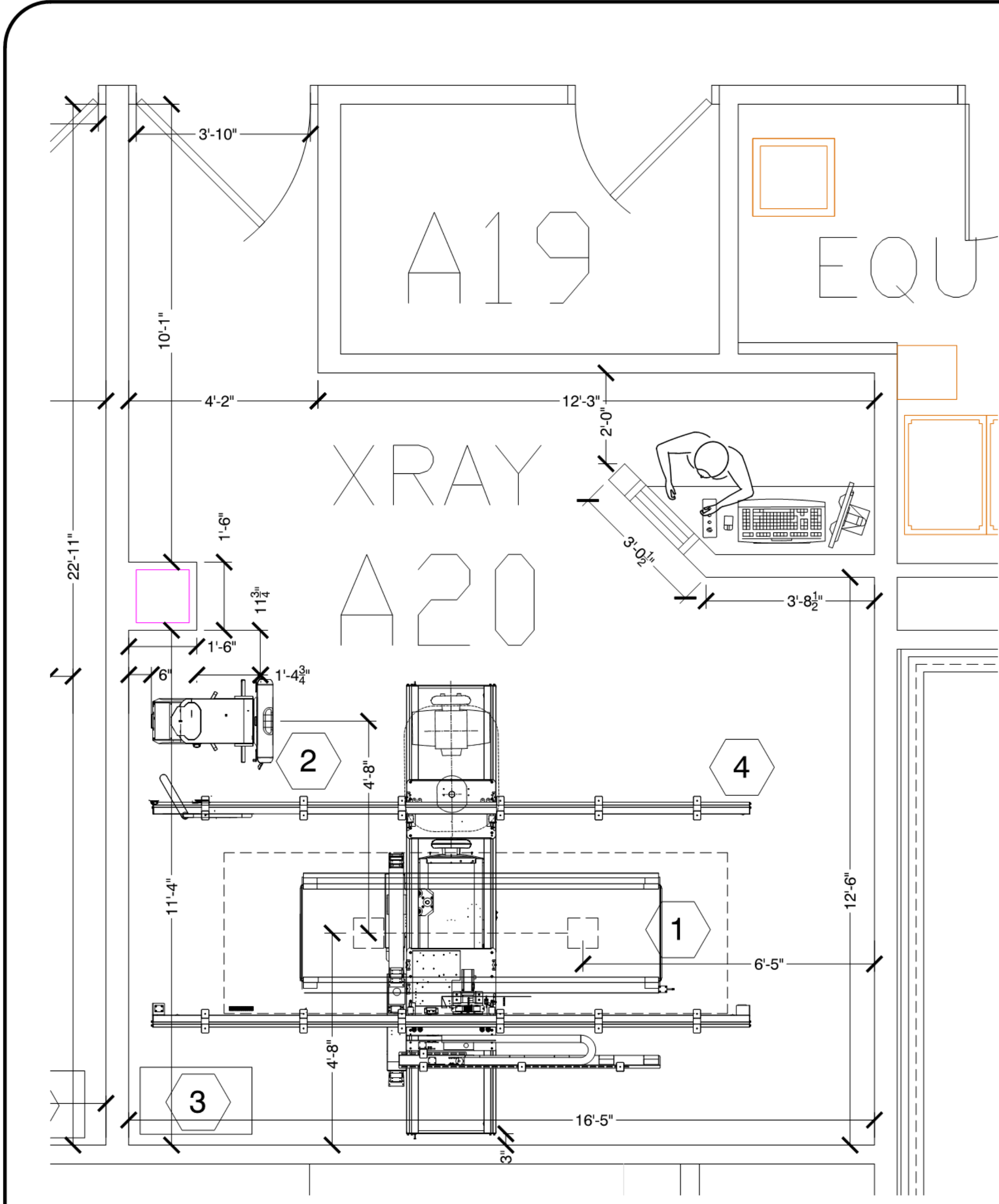
one half inch = one foot

Three eighths inch = one foot

one quarter inch = one foot

one eighth inch = one foot

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ROOM LAYOUT - RADIOLOGY A20
SCALE: 1/2" = 1'-0"
MINIMUM CEILING HEIGHT: MIN 9'-4" / MAX 9'-6.0"

NOTE:
THIS SAMSUNG GC85 ROOM CONFIGURATION UTILIZES A STANDARD THREE (3) METER TRANSVERSE BRIDGE AND STANDARD FOUR (4) METER LONGITUDE RAILS OTHER VARIATIONS ARE AVAILABLE AT AN ADDITIONAL EXPENSE BUT NOT REQUIRED. CONTACT YOUR SALES PERSONAL FOR INFORMATION.

COUNTER TOP IN OPERATOR CONTROL AREA SHOULD BE AT 40.0"-42.0" A.F.F. FOR STANDING OPERATIONS

NOTE:
ARCHITECT / CONTRACTOR IS TO VERIFY ALL DIMENSIONS ON THIS DRAWING AGAINST AS BUILT. DIMENSIONS ILLUSTRATED WITH IN HAVE BEEN USED FOR PROPER EQUIPMENT PLACEMENT AND MAY BE USED IN THE FUTURE FOR RADIATION SHIELDING PROTECTION BY THE CUSTOMERS SELECTED PHYSICIST.

EACH RESPECTIVE ROOM WILL HAVE AN ENLARGED VIEW ILLUSTRATING THE PLACEMENT OF THE RADIOLOGY EQUIPMENT FOR THE ASSOCIATED ROOM IDENTIFICATION AS SHOWN ON SHEETS LABELED WITH THE LETTER "AQ-?".

SUPPLEMENTAL NOTES:
ALL ITEMS LISTED BELOW ARE TO BE PROVIDED / DESIGNED BY THE ARCHITECT N/A. THE ARCHITECT N/A SHALL CONSULT WITH SIOUX FALLS VA MEDICAL CENTER FOR ANY ADDITIONAL INFORMATION.

- ALL DIAGNOSTIC ROOMS INCLUDING X-RAY, MAMMO, R/F, CT, ETC., SHALL HAVE "LED" CAN LIGHTING AND/OR FLORESCENT LIGHT FIXTURES. THE LED FIXTURES ARE TO BE DISTRIBUTED AROUND THE ROOM AND SHOULD BE PROVIDED WITH DIMMER CONTROLS. THE DIMMER CONTROLS SHOULD BE LOCATED NEAR THE ENTRANCES AND IN THE CONTROL AREAS.
- IT IS RECOMMENDED THAT ALL DIAGNOSTIC ROOMS SHOULD HAVE TILE OR VINYL FLOORING.
- A TILE DROP CEILING IS RECOMMENDED FOR ANY DIAGNOSTIC ROOMS. MINIMUM CEILING HEIGHT MIN 9'-4" / MAX 9'-6.0"
- ALL CABINERY WORK IS TO BE DESIGNED BY THE ARCHITECT AND PROVIDED BY SIOUX FALLS VA MEDICAL CENTER AND OR N/A. RECOMMEND ALL COUNTERS SHALL HAVE ROUNDED CORNERS.
- PROVIDE FOR REFUSE REMOVAL AND DISPOSAL (E.G. CRATES, CARTONS, PACKING)
- PROVIDE A WORKING RESTROOM WITH SUPPLIES WITH IN THE FACILITY

NOTE:
SPECIAL DELIVERY TO BUILDING NOT COVERED BY SAMSUNG, TO BE COORDINATED BETWEEN SIOUX FALLS VA MEDICAL CENTER AND/OR N/A AND SAMSUNG

ENVIRONMENT
AMBIENT OPERATION TEMPERATURE: 55-75° (F)
ALLOWABLE TEMPERATURE CHANGE: 15° (F) PER HOUR
HUMIDITY: 20-80 PERCENT NON CONDENSING
ALLOWABLE HUMIDITY CHANGE: 10 PERCENT PER HOUR

EQUIPMENT LEGEND SAMSUNG XGEO-GC85

OWNER: SIOUX FALLS VA MEDICAL CENTER						
ITEM	QUANTITY	DESCRIPTION	WEIGHT	HEAT OUTPUT	PROVIDED BY	INSTALLED BY
1	1	PATIENT TABLE	440LBS	2,046 BTU	OWNER	SAMSUNG
2	1	WALL / CHEST STAND	330 LBS	511 BTU	OWNER	SAMSUNG
3	1	GENERATOR CABINET	220 LBS	11,796 BTU	OWNER	SAMSUNG
4	1	CEILING RAIL	140 LBS	3400 BTU	OWNER	SAMSUNG
5	1	CEILING MOUNTED TUBE HEAD	616 LBS	1,909 BTU	OWNER	SAMSUNG
6	1	WORK STATION	35 LBS	1,364 BTU	OWNER	SAMSUNG
7	1	STITCHING STAND	235 LBS	N/A BTU	OWNER	SAMSUNG

SAMSUNG | NeuroLogica

GENE NOWACZYK
MEP
SITE PLANNING &
PROJECT DEVELOPMENT
OFFICE: 816-741-5558
CELL: 816-223-6378
FAX: 816-587-2423
EMAIL: GNOWACZYK@RADSOURCE.NET
8121 N.W. 97TH TERR
KANSAS CITY, MISSOURI 64153

PROJECT

SAMSUNG GC85
SIOUX FALLS VA MEDICAL
CENTER

2501 WEST 22ND ST, SIOUX FALLS, SD, 57105

ARCHITECT:

N/A
p.N/A
N/A

ELECTRICAL CONTRACTOR:

XXX
p.XXX-XXX-XXXX
m.XXX-XXX-XXXX
NET/ COM

GENERAL CONTRACTOR:

N/A
p.XXX-XXX-XXXX
m.XXX-XXX-XXXX
N/A

PROJECT MANAGER FOR CUSTOMER:

KERRY NILSON
p.XXX
KERRY.NILSON@VA.GOV

IT

TROY MERGEN
p.XXX
TROY.MERGEN@VA.GOV

RADIOLOGY MANAGER

ERIN HEWER
p.XXX
ERIN.HEWER@VA.GOV

REVISION:

DATE:

DRAWN BY:

GENE N.

CHKD BY:

A.W.

CUSTOMER :

SCALE:

NOTED

DATE:

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FILE NAME:

Sioux Falls F1 06-16-2017.dwg

DRAWING SHEET #

A1.2

Revision#	Description	Date:

CONSULTANTS

MECHANICAL / ELECTRICAL / PLUMBING: **WPE** West Plains Engineering, Inc. 4603 South Technik Circle Sioux Falls, South Dakota 57106 Phone: 605-362-3753

SPECIFICATIONS: **IMAGE group** Image Group Architecture & Interiors 403 Center Ave Suite 300 Moorhead, Minnesota 56560 Phone: 218-233-2062

ARCHITECT OF RECORD

A/E: **STONE GROUP ARCHITECTS** 600 E 7th St SIOUX FALLS, SD 57103 (605) 271-1144 POC: TODD STONE

STONE GROUP ARCHITECTS

STAMP

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title

EQUIPMENT LAYOUT ROOM A20

Approved:

Phase

CD ISSUE SET

FULLY SPRINKLERED FOR OFFICIAL USE ONLY

Project Title

PREPARE DIGITAL RADIOGRAPHY ROOMS

Location

SIOUX FALLS, SOUTH DAKOTA

Issue Date

06/21/2019

Checked

TRS

Drawn

DAN

Project Number

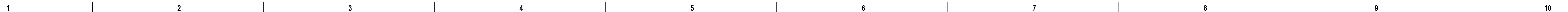
VA #438-CSI-500 SGA #181919

Building Number

5

Drawing Number

XA101



1

2

3

4

5

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7

8

9

10

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

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MINIMUM SITE PREPARATION REQUIREMENTS

WALLS TO BE PAINTED OR COVERED, BASEBOARDS INSTALLED, FLOORS TO BE TITLED AND OR COVERED, CEILING SHALL HAVE GRID TILES AND LIGHTING FIXTURES INSTALLED.

DOORS AND WINDOWS, ESPECIALLY RADIATION PROTECTION BARRIERS, INSTALLED AND FINISHED WITH LOCK SETS OPERATIONAL.

ALL ELECTRICAL CONVENIENCE, CONDUIT, RACEWAY AND JUNCTION BOXES INSTALLED.

INCOMING MAINS POWER OPERATIONAL AND CONNECTED TO X-RAY ROOM BREAKER.

115 VOLTS CONVENIENCE OUTLETS OPERATIONAL.

ALL SUPPORT STRUCTURES CORRECTLY INSTALLED.

ALL CHANNELS, PIPES, BEAMS AND OR OTHER SUPPORTING DEVICES SHOULD BE LEVEL, PARALLEL AND FREE OF LATERAL OR LONGITUDINAL MOVEMENTS.

ALL CONTRACTOR SUPPLIED CABLES PULLED AND TERMINATED.

A DUST FREE ENVIRONMENT IN AND AROUND THE PROCEDURE ROOM.

ALL HEATING AND VENTILATION / AIR-CONDITIONING INSTALLED AND OPERATIONAL.

A CLEAR DOOR OPENING FOR MOVING EQUIPMENT INTO THE BUILDING MUST BE 42 IN. X 82 IN. OR LARGER CONTINGENT ON AN 8' CORRIDOR WIDTH.

NOTICE:

THIS DRAWING SET IS THE SOLE PROPERTY OF NOWACZYK / PEMBER & ASSOCIATES MEP / ARCHITECTURAL ENGINEERS

ITS USE IS AUTHORIZED ONLY FOR THE CUSTOMER SIOUX FALLS VA MEDICAL CENTER/CONTRACTOR N/A TO DESIGN AND INCORPORATE OUR CONCEPT INTO CONSTRUCTION AND PREPARATION FOR IMAGING EQUIPMENT INSTALLATION. THESE DRAWINGS SHALL NOT BE USED FOR ANY PURPOSE OTHER THAN THE AGREED UPON DESIGN BETWEEN NEUROLOGICA AND THEIR CUSTOMER.

THE CUSTOMER SIOUX FALLS VA MEDICAL CENTER IS RESPONSIBLE FOR ALL ROOM PREPARATION COSTS, FEES, PERMITS AND INSPECTIONS UNLESS OTHERWISE SPECIFIED IN THE GENERAL ORDER FOR THE EQUIPMENT PURCHASE.

RADIATION SHIELDING IS NOT SHOWN ON THESE PLANS. HOWEVER, THE CUSTOMER SIOUX FALLS VA MEDICAL CENTER SHALL, AT THEIR OWN EXPENSE, HAVE SHIELDING CALCULATIONS FOR THE ROOM PREPARED BY A LICENSED RADIATION PHYSICIST.

PREFACE

THESE DRAWINGS HAVE BEEN PREPARED BY NEUROLOGICA. THEIR PURPOSE IS TO PROVIDE THE STING, ELECTRICAL, MECHANICAL AND ENVIRONMENTAL SPECIFICATIONS REQUIRED TO ACCOMMODATE THE INSTALLATION AND OPERATION OF THE DIAGNOSTIC IMAGING EQUIPMENT AND SUB-COMPONENTS ILLUSTRATED.

THE LAYOUT(S) PROVIDED FOR ALL COMPONENTS PURCHASED FROM AND/OR PROVIDED BY THE EQUIPMENT MANUFACTURER SHALL SERVE AS A GUIDE FOR INSTALLATION BY THE LOCAL SERVICE/INSTALLATION REPRESENTATIVES.

INFORMATION IN THESE DRAWINGS RELATING TO BUILDING/FACILITY SPECIFICATIONS THAT WILL SUPPORT IMAGING EQUIPMENT COMPONENTS SUCH AS ELECTRICAL, STRUCTURAL, MECHANICAL AND ENVIRONMENTAL REQUIREMENTS SHALL BE UTILIZED AS A GUIDE BY THE CUSTOMER'S ARCHITECT N/A AND/OR CONTRACTOR N/A. FACILITY CONDITIONS MAY DICTATE ACTUAL CONSTRUCTION METHODS AND MATERIALS APPLIED. HOWEVER, ALL METHODS AND MATERIALS MUST COMPLY WITH EQUIPMENT MANUFACTURER SPECIFICATIONS, AS WELL AS LOCAL AND/OR NATIONAL BUILDING CODES.

THE REQUIRED CEILING HEIGHT OF MIN 9'-4" / MAX 9'-6.0" INDICATED ON THESE PLANS IS TO INSURE EQUIPMENT FUNCTION IS NOT INHIBITED. CONSULT WITH YOUR EQUIPMENT INSTALLATION SPECIALIST REGARDING ACCEPTABILITY OF THE OTHER CEILING HEIGHTS. CHECK ALL DOOR OPENINGS FROM DELIVERY LOCATION TO WHERE EQUIPMENT IS TO BE INSTALLED.

THE QUALITY OF CONSTRUCTION METHODS, MATERIALS AND CONFORMANCE TO EQUIPMENT MANUFACTURER SPECIFICATIONS AND TOLERANCES, WILL AFFECT EQUIPMENT PERFORMANCE.

MAGNETIC INTERFERENCE SPECIFICATIONS

DIGITAL FLAT PANEL MUST BE LOCATED IN AMBIENT STATIC MAGNETIC FIELDS OF LESS THAN ONE GAUSS TO GUARANTEE SPECIFIED IMAGING PERFORMANCE.

X-RAY TUBES AND EQUIPMENT MUST BE LOCATED IN AMBIENT STATIC MAGNETIC FIELDS OF LESS THAN TEN GAUSS TO GUARANTEE SPECIFIED PERFORMANCE DATA INTEGRITY.

SYSTEM ELECTRONICS / EQUIPMENT MUST BE LOCATED IN AMBIENT STATIC MAGNETIC FIELDS OF LESS THAN TEN GAUSS TO GUARANTEE DATA INTEGRITY.

CONSOLE EQUIPMENT MUST BE LOCATED IN AMBIENT STATIC MAGNETIC FIELDS OF LESS THAN ONE GAUSS TO OBTAIN SPECIFIED GEOMETRIC LINEARITY.

SITE ENVIRONMENT SPECIFICATIONS

AMBIENT OPERATING TEMPERATURE: 55° TO 75° F (16° TO 24° C) MAXIMUM

ALLOWABLE TEMPERATURE CHANGE OF 15° F, (5° C) / HOUR MAXIMUM ROOM

TEMPERATURE GRADIENT 5° F, (3° C)

HUMIDITY: 20 TO 80 PERCENT NON-CONDENSING, MAXIMUM ALLOWABLE CHANGE OF 5 PERCENT / HOUR

ALTITUDE: NOT TO EXCEED 10,000 FT (3050M) ABOVE SEA LEVEL

THE ENVIRONMENT FOR THE ELECTRONICS CABINET MUST BE CONTROLLED SO THE ABOVE RESTRICTIONS ARE NOT EXCEEDED.

DO NOT RESTRICT THE AIR INTAKE OR AIR EXHAUST OF THE SYSTEM COMPONENTS.

ENVIRONMENTAL CONDITIONS LISTED ABOVE MUST BE MAINTAINED AT ALL TIMES, INCLUDING OVERNIGHT AND HOLIDAYS.

SAMSUNG | NeuroLogica

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MEP
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8121 N.W. 97TH TERR
KANSAS CITY, MISSOURI 64153

PROJECT

SAMSUNG GC85
SIOUX FALLS VA MEDICAL
CENTER
2501 WEST 22ND ST, SIOUX FALLS, SD, 57105

ARCHITECT:
N/A
p.N/A
N/A
ELECTRICAL CONTRACTOR:
XXX
p.XXX-XXX-XXXX
m.XXX-XXX-XXXX
.NET/.COM
GENERAL CONTRACTOR:
N/A
p.XXX-XXX-XXXX
m.XXX-XXX-XXXX
N/A
PROJECT MANAGER FOR CUSTOMER:
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RADIOLOGY MANAGER
ERIN HEWER
p.XXX
ERIN.HEWER@VA.GOV

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DRAWN BY:GENE N.
CHKD BY:A.W.
CUSTOMER :
SCALE:NOTED
DATE:6/16/2017 10:43:52 AM
FILE NAME:
Sioux Falls F1 06-16-2017.dwg

DRAWING SHEET #
AN

CONSULTANTS

MECHANICAL / ELECTRICAL / PLUMBING: SPECIFICATIONS:

WPE
WEST PLAINS ENGINEERING, INC.
4603 South Technic Circle
Sioux Falls, South Dakota 57106
Phone: 605-362-3753

IMAGE
group
ARCHITECTS
Image Group Architecture & Interiors
403 Center Ave Suite 300
Moorhead, Minnesota 56560
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A/E:
STONE GROUP ARCHITECTS
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SIOUX FALLS, SD 57103
(605) 271-1144
POC: TODD STONE

STONE GROUP
ARCHITECTS

STAMP

Office of
Construction
and Facilities
Management
VA U.S. Department
of Veterans Affairs

Drawing Title
NOTES

Approved:

Phase
CD ISSUE SET

FULLY SPRINKLERED
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Project Title
PREPARE DIGITAL RADIOGRAPHY
ROOMS

Location
SIOUX FALLS, SOUTH DAKOTA

Issue Date
06/21/2019

Checked
TRS

Drawn
DAN

Project Number
VA #438-CSI-500
SGA #181919

Building Number
5

Drawing Number
XA201

Revision# Description Date:

VA FORM 08 - 6231

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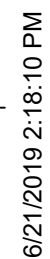
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ARCHITECT OF RECORD

A/E:

STONE GROUP ARCHITECTS
600 E 7th St
SIOUX FALLS, SD 57103
(605) 271-1144
POC: TODD STONE



STONE GROUP
ARCHITECTS

Office of
Construction
and Facilities
Management

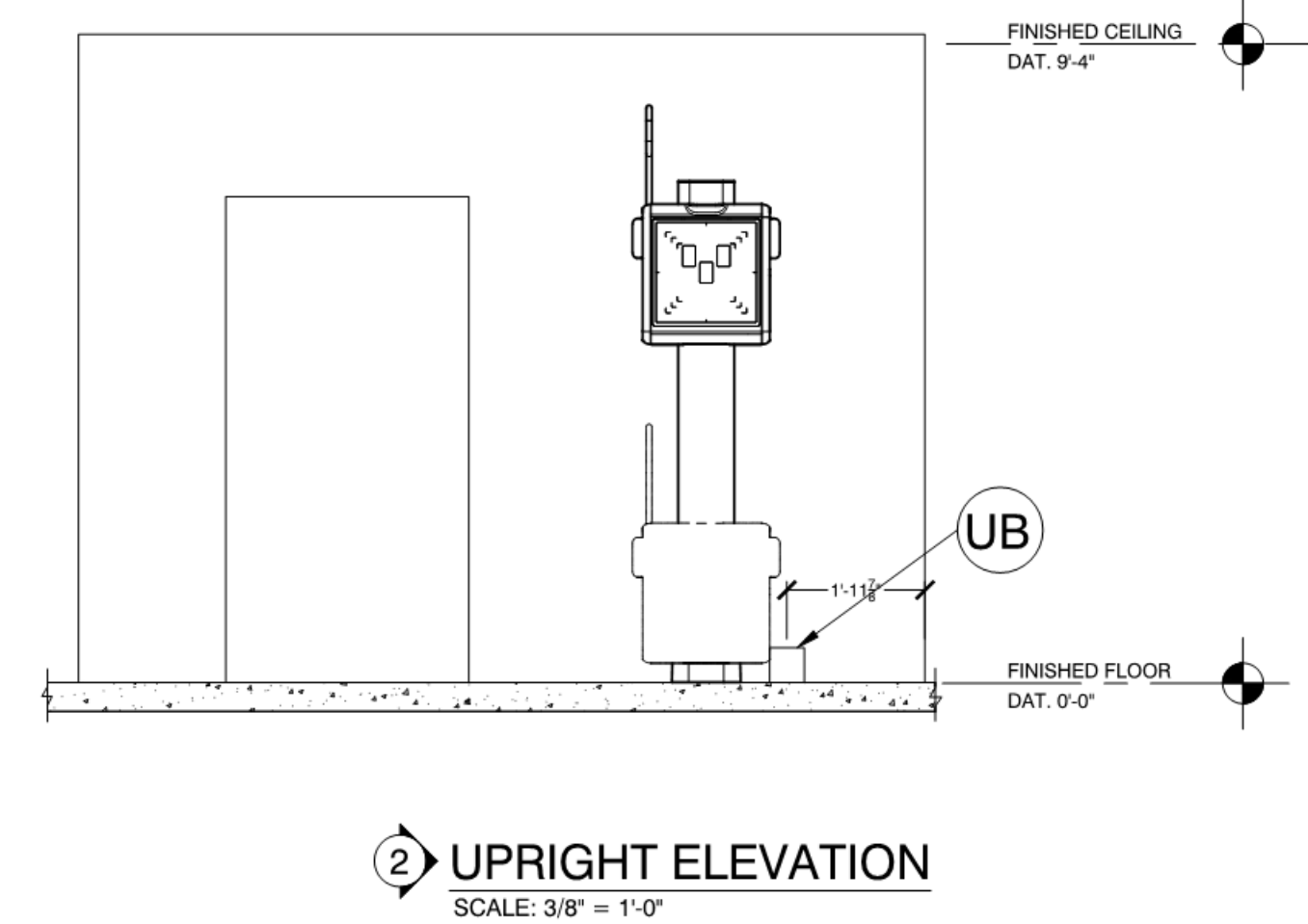
VA | U.S. Department
of Veterans Affairs

Phase

CD ISSUE SET

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Project Number VA #438-CSI-500 SGA #181919
Building Number 5
Drawing Number XE101

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ARCHITECT OF RECORD	STAMP
<p><u>A/E:</u> STONE GROUP ARCHITECTS 600 E 7th St SIOUX FALLS, SD 57103 (605) 271-1144 POC: TODD STONE</p>	

Drawing Title	
ELECTRICAL DETAILS	
Approved:	
S	

Project Title		
PREPARE DIGITAL RADIOGRAPHY ROOMS		
Location		
SIOUX FALLS, SOUTH DAKOTA		
Issue Date	Checked	Drawn
06/21/2019	TRS	DAN

Project Number VA #438-CSI-500 SGA #181919
Building Number 5
Drawing Number XE201



CONSULTANTS	
MECHANICAL / ELECTRICAL / PLUMBING:	SPECIFICATIONS:
 <p>West Plains Engineering, Inc. 4609 South Technick Circle Sioux Falls, South Dakota 57106 Phone: 605-362-3753</p>	 <p>Image Group Architecture & Interiors 403 Center Ave Suite 300 Moonbeam, Minnesota 55560 Phone: 218-233-2062</p>



STONE GROUP
ARCHITECTS

Office of
Construction
and Facilities
Management

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of Veterans Affairs

Phase	CD ISSUE SET
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Project Number VA #438-CSI-500 SGA #181919
Building Number 5
Drawing Number XE202



CONSULTANTS	
MECHANICAL / ELECTRICAL / PLUMBING:	SPECIFICATIONS:
 <p>West Plains Engineering, Inc. 4659 South Technic Circle Soux Falls, South Dakota 57106 Phone: 605-362-3753</p>	 <p>Image Group Architecture & Interiors 403 Center Ave Suite 200 Moonbeam, Minnesota 56559 Phone: 218-233-2062</p>

STAMP

Drawing Title

OVERHEAD STRUCTURAL LAYOUT
ROOM A20

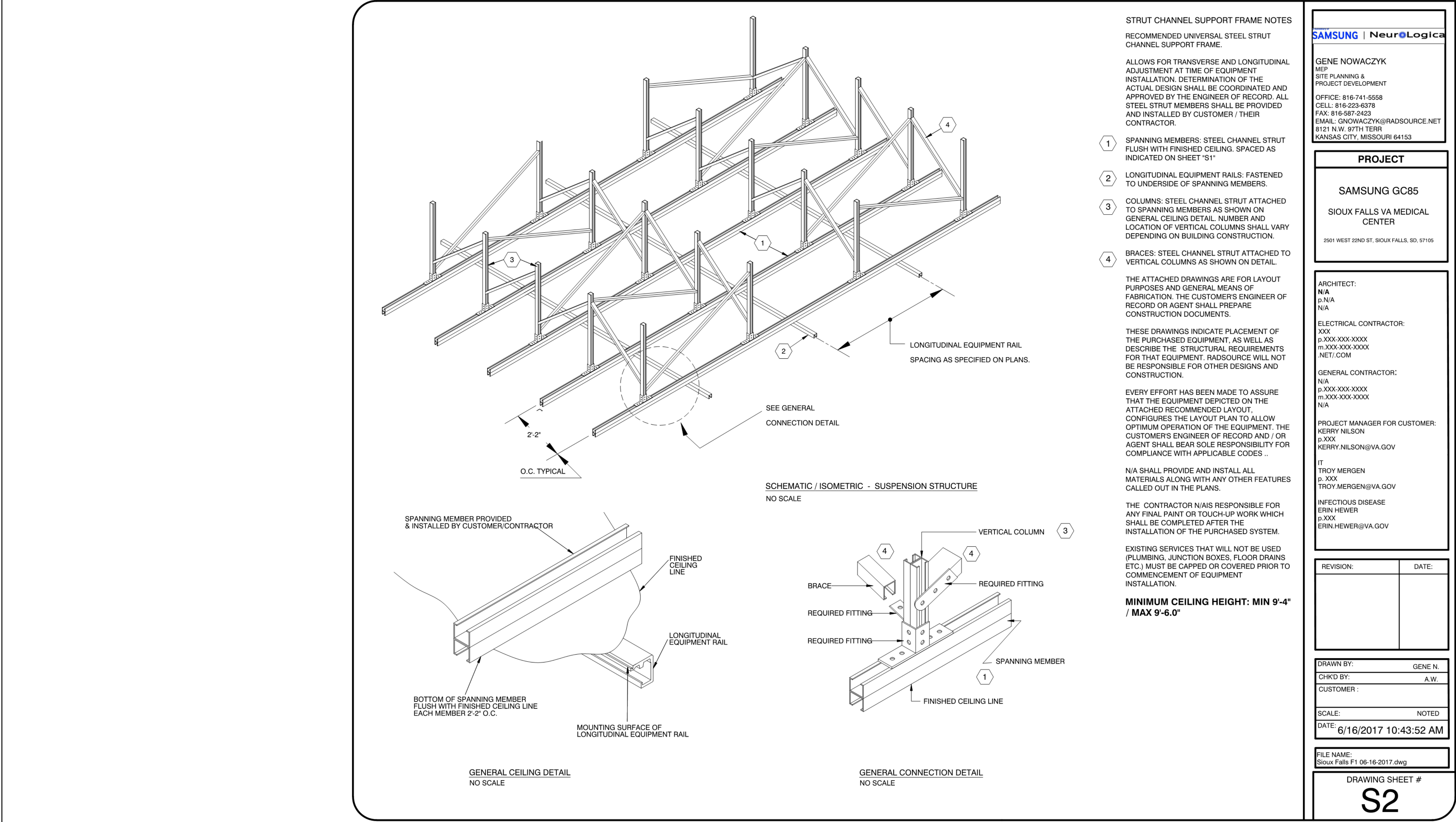
Approved:

Project Title		
PREPARE DIGITAL RADIOGRAPHY ROOMS		
Location		
SIOUX FALLS, SOUTH DAKOTA		
Issue Date	Checked	Drawn
06/21/2019	TRS	DAN

Project Number VA #438-CSI-500 SGA #181919
Building Number 5
Drawing Number XS101

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
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eighty seven inches = one foot
eighty eight inches = one foot
eighty nine inches = one foot
ninety inches = one foot
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ninety three inches = one foot
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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

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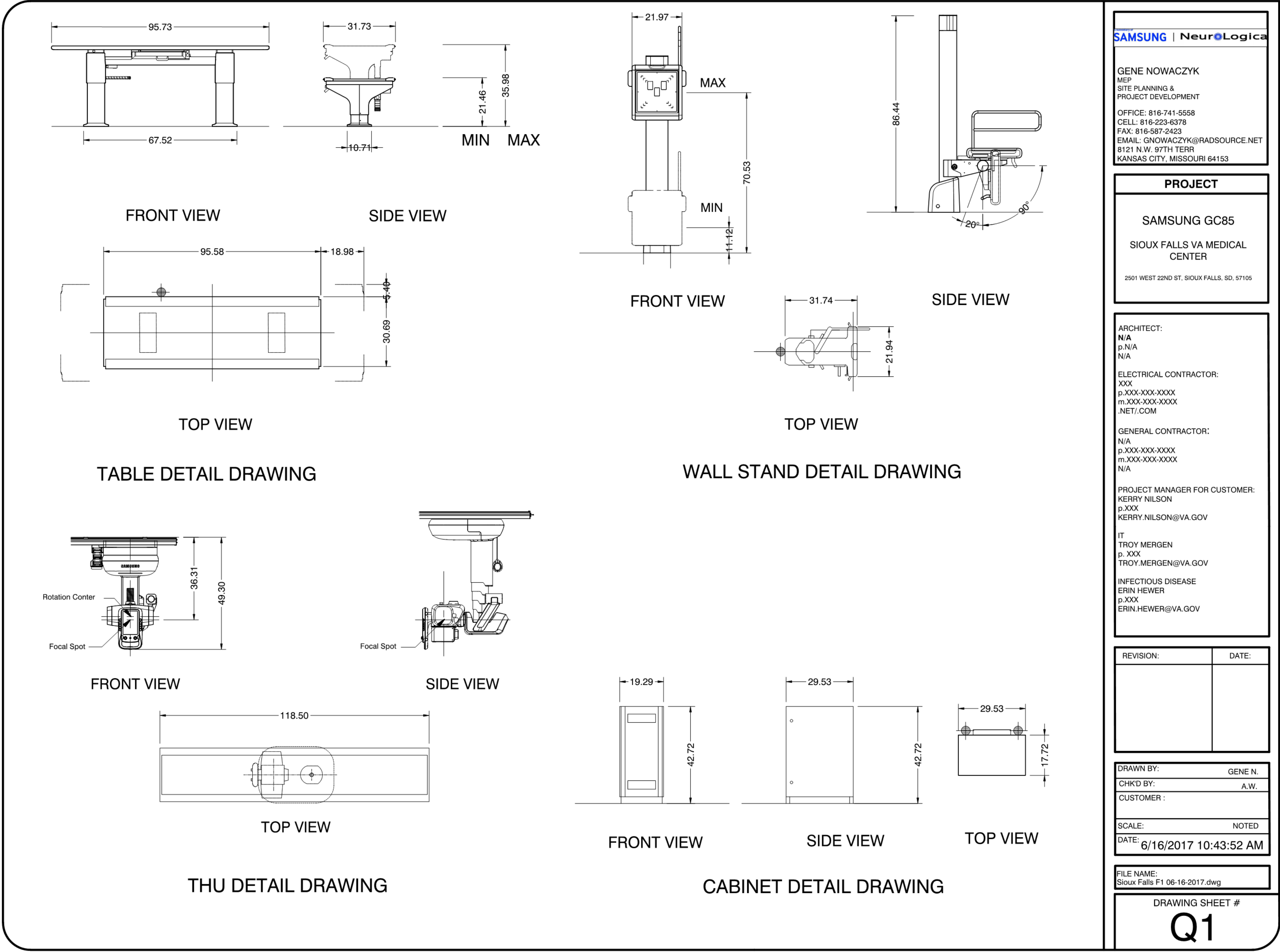
SAMSUNG NeuroLogica	
GENE NOWACZYK MEP SITE PLANNING & PROJECT DEVELOPMENT OFFICE: 816-741-5558 CELL: 816-223-6378 FAX: 816-587-2423 EMAIL: GNOWACZYK@RADSOURCE.NET 8121 N.W. 87TH TERR KANSAS CITY, MISSOURI 64153	
PROJECT	
SAMSUNG GC85 SIOUX FALLS VA MEDICAL CENTER 2501 WEST 22ND ST, SIOUX FALLS, SD, 57105	
ARCHITECT: N/A P. N/A N/A	
ELECTRICAL CONTRACTOR: XXX P. XXX-XXX-XXXX M. XXX-XXX-XXXX .NET/.COM	
GENERAL CONTRACTOR: N/A P. XXX-XXX-XXXX M. XXX-XXX-XXXX N/A	
PROJECT MANAGER FOR CUSTOMER: KERRY NILSON P. XXX KERRY.NILSON@VA.GOV	
IT TROY MERGEN P. XXX TROY.MERGEN@VA.GOV	
INFECTIOUS DISEASE ERIN HEWER P. XXX ERIN.HEWER@VA.GOV	
REVISION:	DATE:
DRAWN BY: GENE N. CHKD BY: A.W. CUSTOMER : SCALE: NOTED DATE: 6/16/2017 10:43:52 AM FILE NAME: Sioux Falls F1 06-16-2017.dwg	
DRAWING SHEET # S2	

			<div>CONSULTANTS</div> <div>MECHANICAL / ELECTRICAL / PLUMBING: SPECIFICATIONS:</div> <div><div><div>WPE</div><div>WEST PLAINS ENGINEERING, INC.</div></div><div>STONE GROUP ARCHITECTURE & INTERIORS</div></div> <div>West Plains Engineering, Inc. 4609 South Technic Circle Sioux Falls, South Dakota 57106 Phone: 605-362-3753</div> <div>Image Group Architecture & Interiors 403 Center Ave Suite 300 Moorhead, Minnesota 56560 Phone: 218-233-2062</div>			<div>ARCHITECT OF RECORD</div> <div>A/E:</div> <div>STONE GROUP ARCHITECTS 600 E 7th St SIOUX FALLS, SD 57103 (605) 271-1144 POC: TODD STONE</div> <div><div><div>SG</div><div>STONE GROUP ARCHITECTS</div></div></div>			<div>STAMP</div> <div>Office of Construction and Facilities Management</div> <div>VA U.S. Department of Veterans Affairs</div>			<div>Drawing Title</div> <div>STRUCTURAL NOTES CONNECTION DETAILS</div> <div>Approved:</div>			<div>Phase</div> <div>CD ISSUE SET</div> <div>FULLY SPRINKLERED FOR OFFICIAL USE ONLY</div>			<div>Project Title</div> <div>PREPARE DIGITAL RADIOGRAPHY ROOMS</div> <div>Location SIOUX FALLS, SOUTH DAKOTA</div> <div>Issue Date 06/21/2019</div> <div>Checked TRS</div> <div>Drawn DAN</div>			<div>Project Number</div> <div>VA #438-CSI-500 SGA #181919</div> <div>Building Number 5</div> <div>Drawing Number XS201</div>		
<div>Revision#</div> <div>Description</div> <div>Date:</div>																							

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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 quarter inch = one foot
one eighth inch = one foot

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SAMSUNG | NeuroLogica

GENE NOWACZYK
MEP
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PROJECT DEVELOPMENT
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CELL: 816-223-6378
FAX: 816-587-2423
EMAIL: GNOWACZYK@RADSOURCE.NET
8121 N.W. 87TH TERR
KANSAS CITY, MISSOURI 64153

PROJECT

SAMSUNG GC85

SIoux FALLS VA MEDICAL
CENTER

2501 WEST 22ND ST, SIoux FALLS, SD, 57105

ARCHITECT:
N/A
p.N/A
N/A

ELECTRICAL CONTRACTOR:
XXX
p.XXX-XXX-XXXX
m.XXX-XXX-XXXX
.NET/.COM

GENERAL CONTRACTOR:
N/A
p.XXX-XXX-XXXX
m.XXX-XXX-XXXX
N/A

PROJECT MANAGER FOR CUSTOMER:
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TROY MERGEN
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INFECTIOUS DISEASE
ERIN HEWER
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REVISION: **DATE:**

DRAWN BY: GENE N.
CHKD BY: A.W.
CUSTOMER :

SCALE: NOTED
DATE: 6/16/2017 10:43:52 AM

FILE NAME:
Sioux Falls F1 06-16-2017.dwg

DRAWING SHEET #
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CONSULTANTS			ARCHITECT OF RECORD			Office of Construction and Facilities Management			Drawing Title EQUIPMENT DETAILS GC85			Phase CD ISSUE SET			Project Title PREPARE DIGITAL RADIOGRAPHY ROOMS			Project Number VA #438-CSI-500 SGA #181919		
MECHANICAL / ELECTRICAL / PLUMBING:			SPECIFICATIONS:			Image Group Architecture & Interiors			Approved:			FULLY SPRINKLERED FOR OFFICIAL USE ONLY			Location SIoux FALLS, SOUTH DAKOTA			Drawing Number XQ101		
WPE West Plains Engineering, Inc. 4603 South Technic Circle Sioux Falls, South Dakota 57106 Phone: 605-362-3753			IMAGE group ARCHITECTURE & INTERIORS 403 Center Ave Suite 300 Moorhead, Minnesota 56560 Phone: 218-233-2062			STONE GROUP ARCHITECTS			VA U.S. Department of Veterans Affairs			Issue Date 06/21/2019			Checked TRS			Drawn DAN		
Revision#			Description			Date:														



CONSULTANTS				ARCHITECT OF RECORD		STAMP		Office of Construction and Facilities Management		Drawing Title		Phase		Project Title		Project Number	
MECHANICAL / ELECTRICAL / PLUMBING:		SPECIFICATIONS:		A/E:		Office of Construction and Facilities Management				EQUIPMENT CABLE LENGTH		CD ISSUE SET		PREPARE DIGITAL RADIOGRAPHY ROOMS		VA #438-CSI-500 SGA #181919	
<div>WPE WEST PLAINS ENGINEERING, INC.</div> <div>West Plains Engineering, Inc. 4609 South Techlink Circle Sioux Falls, South Dakota 57106 Phone: 605-362-3753</div>		<div>IMAGE group</div> <div>Image Group Architecture & Interiors 403 Center Ave Suite 300 Sioux Falls, Minnesota 55503 Phone: 219-233-2062</div>		<div>STONE GROUP ARCHITECTS</div> <div>STONE GROUP ARCHITECTS 600 E 7th St SIOUX FALLS, SD 57103 (605) 271-1144 POC: TODD STONE</div>				Office of Construction and Facilities Management		Approved:		FULLY SPRINKLERED FOR OFFICIAL USE ONLY		Location		Building Number	
												SIOUX FALLS, SOUTH DAKOTA		5		XQ102	
						VA U.S. Department of Veterans Affairs						Issue Date		Checked		Drawn	
												06/21/2019		TRS		DAN	