



one eighth inch = one foot

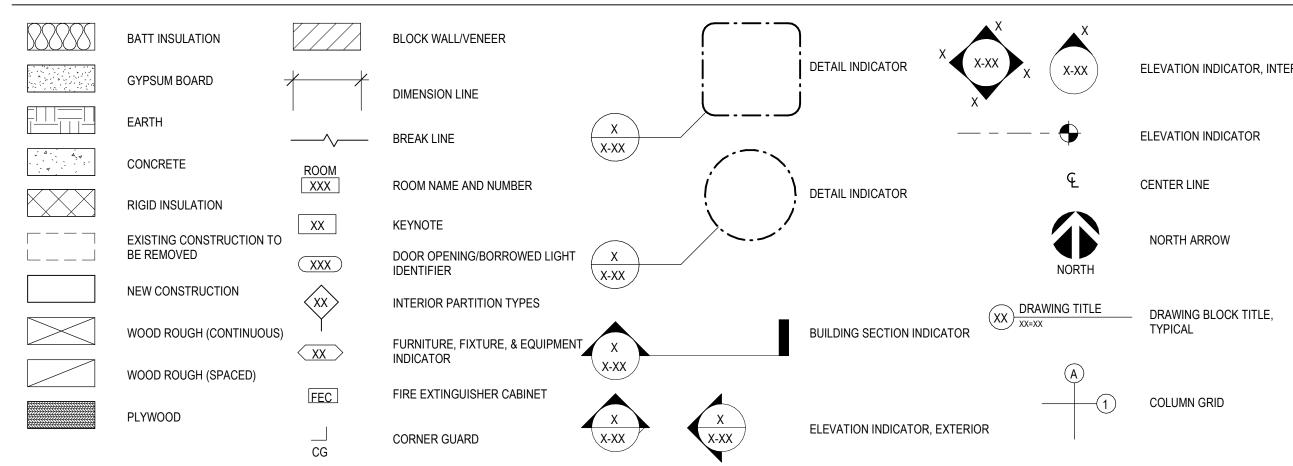
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U.S. DEPARTMENT OF VETERANS AFFAIRS VA BLACK HILLS HEALTH CARE SYSTEM PREPARE DIGITAL RADIOGRAPHY ROOMS

BUILDING #12 & 113 HOT SPRINGS & FORT MEADE, SD

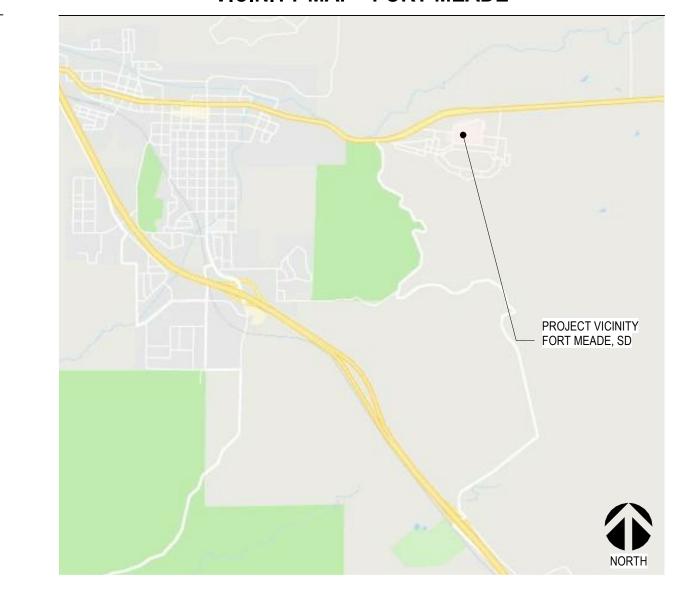
VA #438-CSI-500 06/21/2019 - CD ISSUE SET





COMMON ABBREVIATIONS

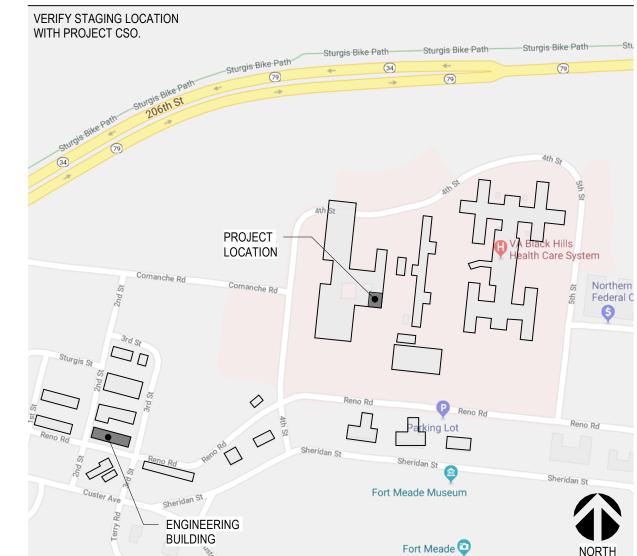
SYMBOL	S USED AS ABBREVIATIONS:	С	CHANNEL/CELSIUS	(E)	EXISTING	НВ	HOSE BIB	(N)	NEW	S	SOUTH	UG	UNDERGROUND
		CAB	CABINET	E	EAST	HC	HANDICAP / HOLLOW CORE	N	NORTH	SB	SPLASH BLOCK	UH	UNIT HEATER
&	AND	CB	CERAMIC BASE	EA	EACH	HD	HEAVY DUTY		NOT APPLICABLE	SC	SOLID CORE	UNFIN	UNFINISHED
L	ANGLE	CD	CONSTRUCTION DOCUMENTS	EF	EACH FACE	HDBD	HARDBOARD		NOT IN CONTRACT	SCHED	SCHEDULE	UNO	UNLESS NOTED OTHERWISE
LL	DOUBLE ANGLE	CEM	CEMENT	EJ	EXPANSION JOINT	HDR	HEADER	NO	NUMBER	SCR	SHOWER CURTAIN ROD	UON	UNLESS OTHERWISE NOTED
@	AT	CF	CUBIC FEET OR FOOT	EL	ELEVATION	HDWD	HARDWOOD	NOM	NOMINAL	SCT	SECTION	UTIL	UTILITY
d	PENNEY	CG	CORNER GUARD	ELEC	ELECTRICAL	HDWR	HARDWARE	NTS	NOT TO SCALE	SD	SOAP DISPENSER		
#	POUND OR NUMBER	CIPC	CAST-IN-PLACE CONCRETE	ELEV	ELEVATOR	HM	HOLLOW METAL			SF	SQUARE FOOT	V	SHEAR
Ø	ROUND OR DIAMETER	CJ	CONTROL/CONSTRUCTION JOINT		ENLARGED	HORIZ	HORIZONTAL	OC	ON CENTER	SHT	SHEET	VAR	VARIES
		CL	CENTER LINE	EMER	EMERGENCY	HR	HOUR	OD	OUTSIDE DIAMETER	SHTHG	SHEATHING	VB	VAPOR BARRIER
		CLG	CEILING	ENGR	ENGINEER	HT	HEIGHT		OWNER FURNISHED / CONTRACTOR	SIM	SIMILAR	VCT	VINYL COMPOSITION TILE
		CLKG	CAULKING	EOP	EDGE OF PAVEMENT	HVAC	HEATING, VENTILATION, AIR-	- •	INSTALLED	SLDG	SLIDING	VERT	VERTICAL
ABBREV	IATIONS:	CLR	CLEAR, CLEARANCE	EPDM	ETHYLENE PROPYLENE DIENE		CONDITIONING	OFOI	OWNER FURNISHED / OWNER	SLNT	SEALANT	VEST	VESTIBULE
		CMU	CONCRETE MASONRY UNIT		MONOMER				INSTALLED	SND	SANITARY NAPKIN DISPENSER	VIF	VERIFY IN FIELD
A/E	ARCHITECT/ENGINEER	CO	CHANGE ORDER/CLEAN OUT	EPS	EXPANDED POLYSTYRENE BOARD	IBC	INTERNATIONAL BUILDING CODE	ОН	OVERHEAD	SNX	SANITARY NAPKIN DISPOSAL	VR	VAPOR RETARDER
AB	ANCHOR BOLT/ROD	COL	COLUMN	EPT	EPOXY PAINT	ICC	INTERNATIONAL CODE COUNCIL	OPP	OPPOSITE	SOG	SLAB ON GRADE	VWC	VINYL WALL COVERING
ABV	ABOVE	COMB	COMBINATION	EQ	EQUAL	ID	INSIDE DIAMETER/DIMENSION	OPG	OPENING	SPEC	SPECIFICATION (S)		
AC	ASPHALTIC CONCRETE/AIR CONDITIONER		COMPOSITE/COMPOSITION	EQUIP	EQUIPMENT	IFC	INTERNATIONAL FIRE CODE	ORIG	ORIGINAL	SQ	SQUARE	W	WEST/WIDTH
ACC	ACCESSIBLE	CONC	CONCRETE	ES	EACH SIDE	IN	INCH(ES)	ORD	OVERFLOW ROOF DRAIN	SSM	SOLID SURFACE MATERIAL	W/	WITH
ACM	ALUMINUM COMPOSITE MATERIAL		CONNECT (ION)	EST	ESTIMATE	INCL	INCLUDE (D), INCLUDING		OUNCE	SST	STAINLESS STEEL	W/O	WITHOUT
			CONSTRUCTION	ETC	ETCETERA	INCL	INFORMATION	UL	OUNUL	ST	STREET	WA	WEDGE ANCHOR
	ACOUSTICAL ACOUSTICAL CEILING TILE	CONST	CONTINUOUS, CONTINUE	ETR	EXISTING TO REMAIN	INSP	INSPECTION	PAR	PARALLEL	STC	SOUND TRANSMISSION CLASS		WOOD BASE
ACT									POUNDS PER CUBIC FOOT			WB	
ADA	AMERICANS WITH DISABILITIES ACT		COORDINATE	EW	EACH WAY	INSTR	INSTRUCTION(S)			STD	STANDARD	WC	WATER CLOSET
ADD	ADDENDUM		COORDINATE	EXIST	EXISTING	INSUL	INSULATE (D), INSULATION	PED	PEDESTAL	STL	STEEL	WDW	WOOD/WOODWORK
ADH	ADHESIVE	CORR	CORRUGATED/CORRIDOR	EXC	EXCAVATE/EXCAVATION	INT	INTERIOR	PERF	PERFORATED	STOR	STORAGE	WDW	WINDOW
ADJ	ADJUSTABLE, ADJACENT, ADJOINING	CPT	CARPET	EXH	EXHAUST		LANTOD	PERP	PERPENDICULAR	STRUC		WF (W)	WIDE FLANGE
AFF	ABOVE FINISH FLOOR	CPPT	CARPET TILE	EXP	EXPANSION/EXPOSED	JAN	JANITOR	PL	PLATE	SUSP	SUSPENDED	WG	WALL GUARD
AFG	ABOVE FINISH GRADE	CSMT	CASEMENT	EXT	EXTERIOR	JST	JOIST		PLASTIC LAMINATE	SV	SHEET VINYL	WH	WATER HEATER
AHJ	AUTHORITY HAVING JURISDICTION	CT	CERAMIC TILE	EWC	ELECTRIC WATER COOLER	JT	JOINT		PLYWOOD	SW	SHEARWALL	WI	WROUGHT IRON
ALT	ALTERNATE	CTB	CARPET TILE BASE					PNL	PANEL	SYM	SYMMETRICAL	WL	WIND LOAD
ALUM	ALUMINUM	CTR	CENTER	FA	FIRE ALARM	KCJ	KEYED CONSTRUCTION JOINT		PAIR/PROPOSAL REQUEST			WP	WATERPROOF (ING)
ANSI	AMERICAN NATIONAL STANDARDS			FAB	FABRICATE/FABRICATION	KO	KNOCK OUT		PRECAST CONCRETE	T	TREAD	WR	WATER RESISTANT
	INSTITUTE	D	DEPTH	FD	FLOOR DRAIN			PREFAB	PREFABRICATE	T&B	TOP AND BOTTOM	WSCT	WAINSCOT
APC	ACOUSTICAL PANEL CEILING	DBL	DOUBLE	FDC	FIRE DEPARTMENT CONNECTION	L	LENGTH / ANGLE	PSI	POUNDS PER SQUARE INCH	T&G	TONGUE AND GROOVE	WT	WEIGHT/WINDOW TREATMENT
APPROX	(APPROXIMATE	DEMO	DEMOLITION, DEMOLISH	FDTN	FOUNDATION	LAB	LABORATORY	PSF	POUNDS PER SQUARE FOOT	TB	TOWEL BAR	WWF	WELDED WIRE FABRIC
ARCH	ARCHITECT (URAL)	DEPT	DEPARTMENT	FE	FIRE EXTINGUISHER	LAM	LAMINATE (ED)	PT	PAINT / PRESSURE TREATED	TBD	TO BE DETERMINED		
ASI	ARCHITECTÙRAL ŚUPPLEMENTAL	DET	DETAIL	FEC	FIRE EXTINGUISHER CABINET	LAV	LAVATORY	PTD	PAPER TOWEL DISPENSER	TEMP	TEMPORARY/TEMPERED		
	INFORMATION	DF	DRINKING FOUNTAIN	FF	FINISHED FLOOR	LB	POUND	PTN	PARTITION	TER	TERRAZZO		
		DIA	DIAMETER	FFE	FINISH FLOOR ELEVATION	LF	LINEAR FEET		PAPER TOWEL RECEPTACLE	TFE	TOP FOOTING ELEVATION		
BD	BOARD	DIAG	DIAGONAL	FIN	FINISH (ED)	LH	LEFT HAND		POLYVINYL CHLORIDE	THD	THREAD (ED) (S)		
BEV	BEVELED	DIM	DIMENSION		FLUORESCENT	LKR	LOCKER			THK	THICKNESS		
BFF	BELOW FINISH FLOOR	DIV	DIVIDE, DIVISION	FLR	FLOOR (ING)	LOC	LOCATION	QT	QUARRY TILE	THRU	THROUGH		
BL	BRICK LEDGE	DISP	DISPENSER	FO	FACE OF	LONG	LONGITUDINAL	~·		TKBD	TACKBOARD		
BLDG	BUILDING	DN	DOWN	FOC	FACE OF CONCRETE	LT	LIGHT	R	RADIUS/RISER	TL	TILE		
	BLOCK (ING)	DR	DOOR	FOM	FACE OF MASONRY	LVR	LOUVER		RUBBER BASE	TO	TOP OF		
BM	BEAM	DS	DOWNSPOUT	FOS	FACE OF STUD	LVT	LUXURY VINYL TILE		RUBBER	TOB	TOP OF BEAM		
BOT	BOTTOM	DW	DISHWASHER	FOF	FACE OF FINISH	- √ I			REFLECTED CEILING PLAN	TOC	TOP OF CONCRETE/CURB		
ВО	BOTTOM OF	DWG	DRAWING (S)	FR	FIRE RESISTANT/FRAME	MAS	MASONRY		ROOF DRAIN	TOD	TOP OF CONCRETE/CORB		
	BOTTOM OF BOTTOM OF CONCRETE						MATERIAL		REINFORCING BAR	TOF			
BOC		DWR	DRAWER	FRP		MATL					TOP OF MASONRY		
BOF	BOTTOM OF FOOTING	אואט	DUMBWAITER	FS	FLOOR SINK	MAX	MAXIMUM MEDICINE CARINET		RECESSED	TOM	TOP OF DIED		
BRG	BEARING			FT	FOOTING	MC	MEDICINE CABINET		REFERENCE/REFRIGERATOR	TOP	TOP OF PIER		
BRK	BRICK			FTG	FOOTING	MECH	MECHANICAL		REINFORCE (D), (ING), (MENT)	TOJ	TOP OF CLARKOTEEL		
BSMT	BASEMENT			FURG	FURRING	MEMB	MEMBRANE		REQUIRE	TOS	TOP OF SLAB/STEEL		
	BETWEEN			FUT	FUTURE	MEZZ	MEZZANINE		REQUIRED	TOW	TOP OF WALL		
BUR	BUILT-UP ROOFING					MFR	MANUFACTURE (R)		RESILIENT FLOORING	TPD	TOILET PAPER DISPENSER		
				GA	GAGE, GAUGE	MIN	MINIMUM		RETURN	TPO	THERMOPLASTIC POLYOLEFIN		
				GB	GRAB BAR	MISC	MISCELLANEOUS		REVISION (S), REVISED	TPTN	TOILET PARTITION		
				GC	GENERAL CONTRACTOR	MO	MASONRY OPENING	RFI	REQUEST FOR INFORMATION	TRANS	TRANSVERSE		
				GALV	GALVANIZED	MR	MIRROR	RFP	REQUEST FOR PROPOSAL	TS	TUBE STEEL		
				GC	GENERAL CONTRACTOR	MTL	METAL		RIGHT HAND	TYP	TYPICAL		
				GI	GALVANIZED IRON				RIDGE LINE				
				GL	GLASS			RM	ROOM				
					M GLUE LAMINATED (REAM)				POLICH OPENING				



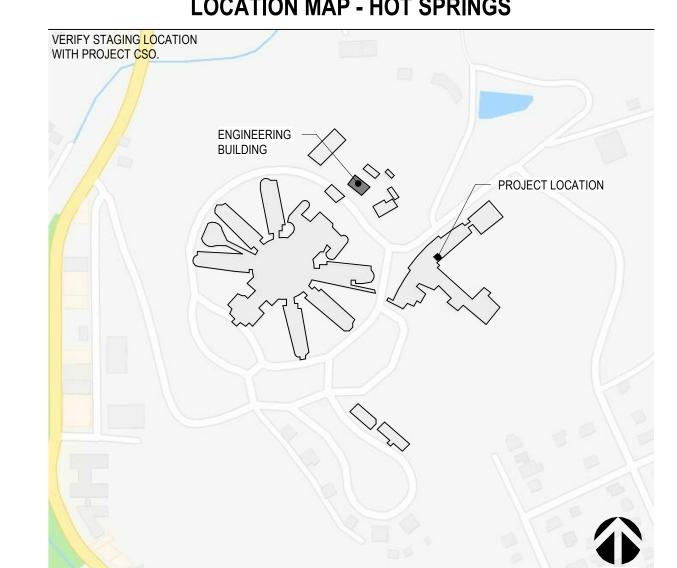
VICINITY MAP - HOT SPRINGS



LOCATION MAP - FORT MEADE



LOCATION MAP - HOT SPRINGS



SHEET INDEX

GI001 GI002	GENERAL NOTES & LEGENDS
ARCHITECTUR	
AD101	FORT MEADE - DEMOLITION PLANS
AD201	HOT SPRINGS - DEMOLITION PLANS
AE102	FORT MEADE - REMODEL PLANS & ELEVATIONS
AE202	HOT SPRINGS - REMODEL PLANS & ELEVATIONS
MECHANICAL	
MD101	FT. MEADE – MECHANICAL DEMOLITION PLANS
MD201	HOT SPRINGS – MECHANICAL DEMOLITION PLANS
ME102	FT. MEADE – MECHANICAL REMODEL PLANS
ME103	FT. MEADE - MECHANICAL DETAILS SCHEDULES & SYMBO
ME202	HOT SPRINGS - MECHANICAL REMODEL PLANS
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XE101	ELECTRICAL LAYOUT GC85 ROOM 146
XE102	ELECTRICAL LAYOUT GC85 ROOM 164
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XS101	OVERHEAD STRUCTURAL LAYOUT ROOM 146
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XQ101	EQUIPMENT DETAILS GC85
XQ102	EQUIPMENT CABLE LENGTH GC85
XZ101	HOT SPRINGS SAMSUNG EQUIPMENT SHEETS

PROJECT INFORMATION:

1. CONSTRUCTION PURPOSE: RENOVATION 2. REASON FOR SUBMITTAL: NEW CONSTRUCTION 3. I CERTIFY THAT TO THE BEST OF OUR KNOWLEDGE THESUBMITTED PLANS FOR THE ABOVE-REFERENCED PROJECT COMPLY WITH THE REQUIREMENTS OF THE FOLLOWING: 2015 INTERNATIONAL BUILDING CODE (IBC) 2014 INTERNATIONAL MECHANICAL CODE (IMC) 2014 INTERNATIONAL PLUMBING CODE (IPC) 2014 NATIONAL ELECTRICAL CODE (NFPA-70) 2018 LIFE SAFETY CODE (NFPA-101) 2015 ABA ACCESSIBILITY STANDARDS BARRIER FREE DESIGN 4. LOCATION OF ANY ANTICIPATED FUTURE ADDITIONS: UNKNOWN

VA BLACK HILLS HEALTH CARE SYSTEM OFFICE OF CONSTRUCTION AND FACILITIES MANAGEMENT FORT MEADE 113 COMANCHE RD 500 N 5TH ST FORT MEADE, SD 57741 HOT SPRINGS, SD 57747 6. DESIGN TEAM: STONE GROUP ARCHITECTS

319 N MAIN AVE, SUITE 2 SIOUX FALLS, SD 57104 605-271-1144 CONTACT: TODD STONE TODD.STONE@STONEGROUPARCHITECTS.COM DESIGN CONSULTANTS: WEST PLAINS ENGINEERING 4609 SOUTH TECHLINK CIRCLE

SIOUX FALLS, SD 57106 605-362-3753 CONTACT: MIKE SIGMAN (ELECTRICAL) MIKE.SIGMAN@WESTPLAINSENGINEERING.COM MICHAEL HEINRICH (MECHANICAL/PLUMBING)

MICHAEL.HEINRICH@WESTPLAINSENGINEERING.COM 7. ARCHITECTS SEAL: SEE STAMP AT BOTTOM 8. FIRE SERVICE: STURGIS FIRE DEPARTMENT, HOT SPRINGS FIRE DEPARTMENT 9. INSPECTION: VISN SAFETY OFFICEROCCUPANCY GROUP TYPE: OCCUPANCY - HEALTHCARE (EXISTING)

10. CONSTRUCTION TYPE: TYPE I 11. ACTIVE FIRE SAFETY SYSTEMS

> (a) SMOKE DETECTORS THROUGHOUT (b) GENERATOR POWERED EMERGENCY LIGHTING (c) BATTERY POWERED EXIT LIGHTING (d) HOOD SUPPRESSION SYSTEM (e) PORTABLE EXTINGUISHERS (f) AUTOMATIC AIR-HANDLING SHUT-DOWN (g) FIRE ALARM SYSTEM

12. WATER SUPPLY: CITY OF STURGIS, CITY OF HOT SPRINGS 13. SEWAGE TREATMENT: CITY OF STURGIS, CITY OF HOT SPRINGS 14. MECHANICAL CODE: ASHRAE STANDARD 62.1 (2004) ASHRAE STANDARD 15 (2007)

16. OCCUPANT LOAD: HEALTHCARE: 100 SF/PERSON GROSS

DOOR: .2 IN./PERSON DEAD END CORRIDORS: NOT TO EXCEED 50 FT

TRAVEL DISTANCE TO EXIT: 250 FT SMOKE COMPARTMENTS: (USING HEALTHCARE OCCUPANCY BASIS) (18.3.7.1(2)) AT LEAST 2 PER FLOOR (18.3.7.1(3)) NOT TO EXCEED 22,500 SF EACH

TRS

Project Number

VA #438-CSI-500

SGA #181919

Building Number

12 & 113

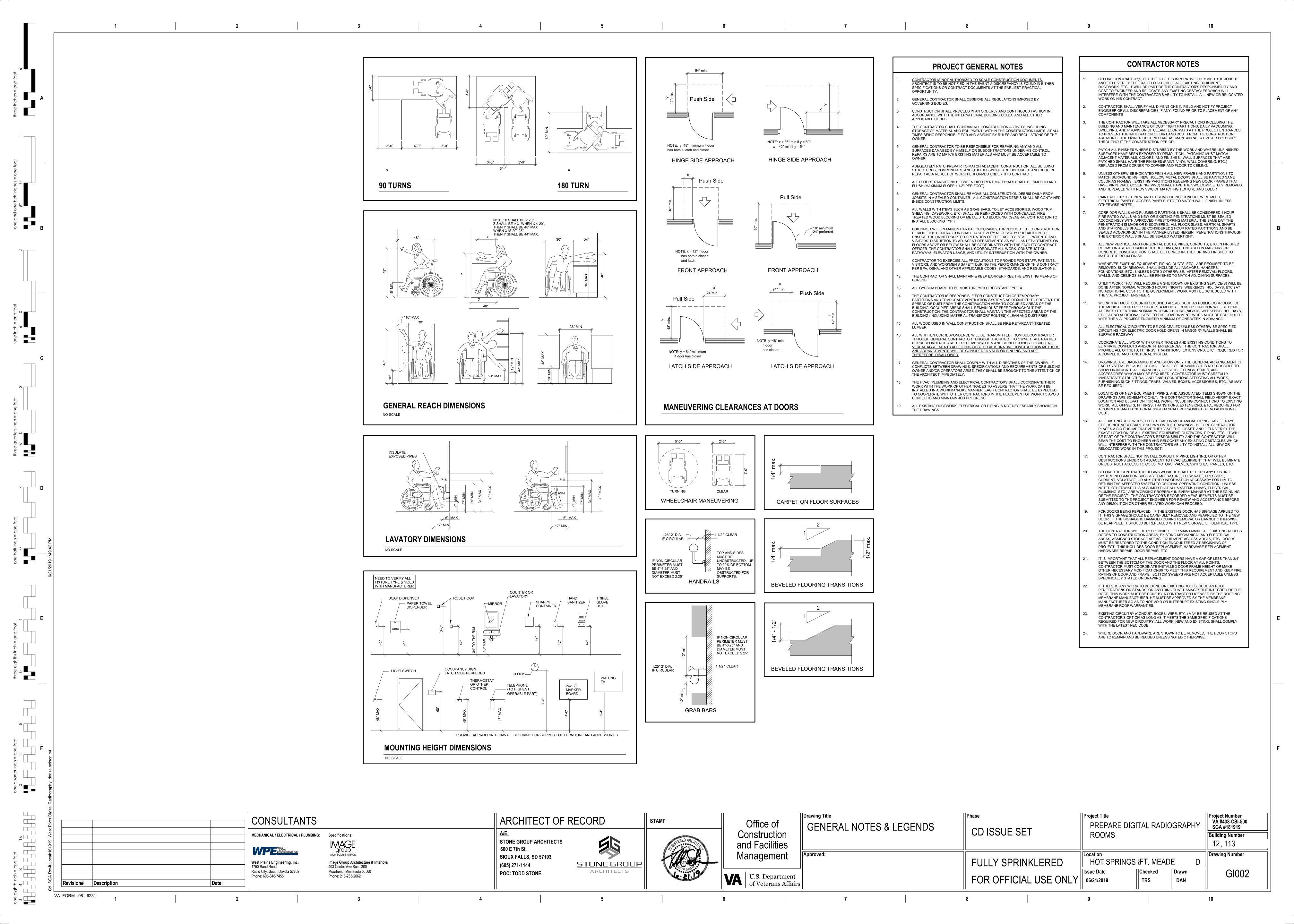
Drawing Number

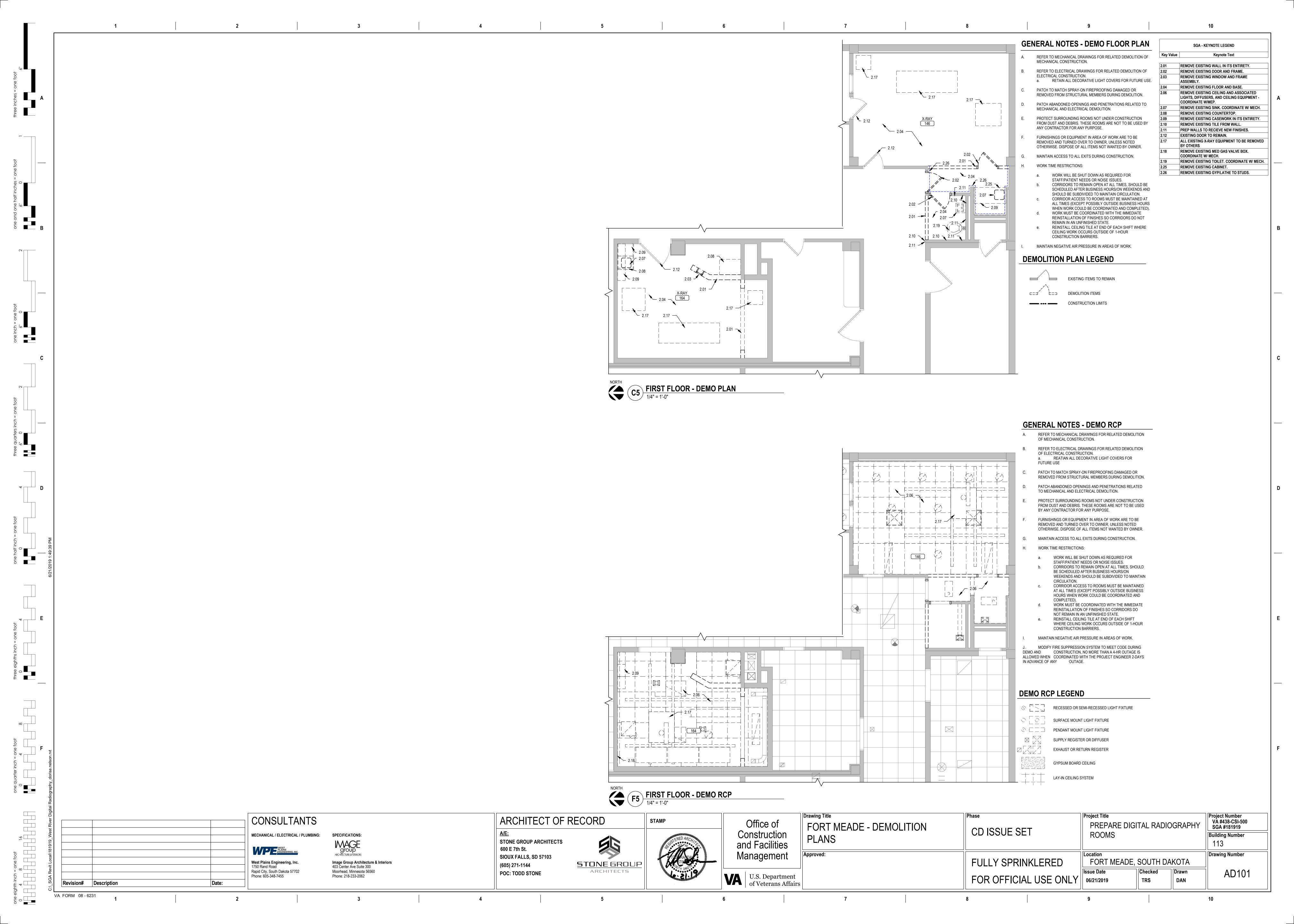
GI001

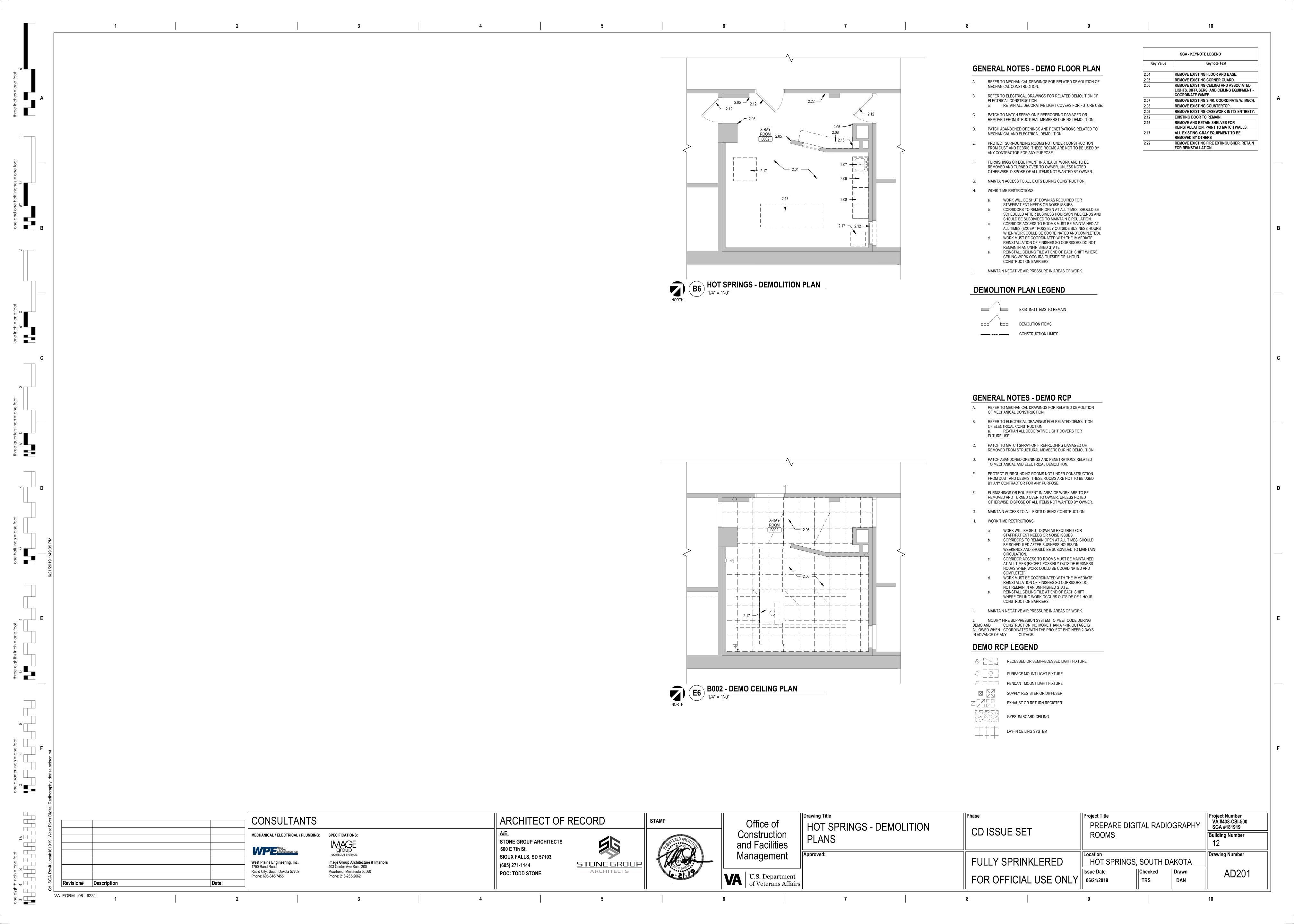
Drawn

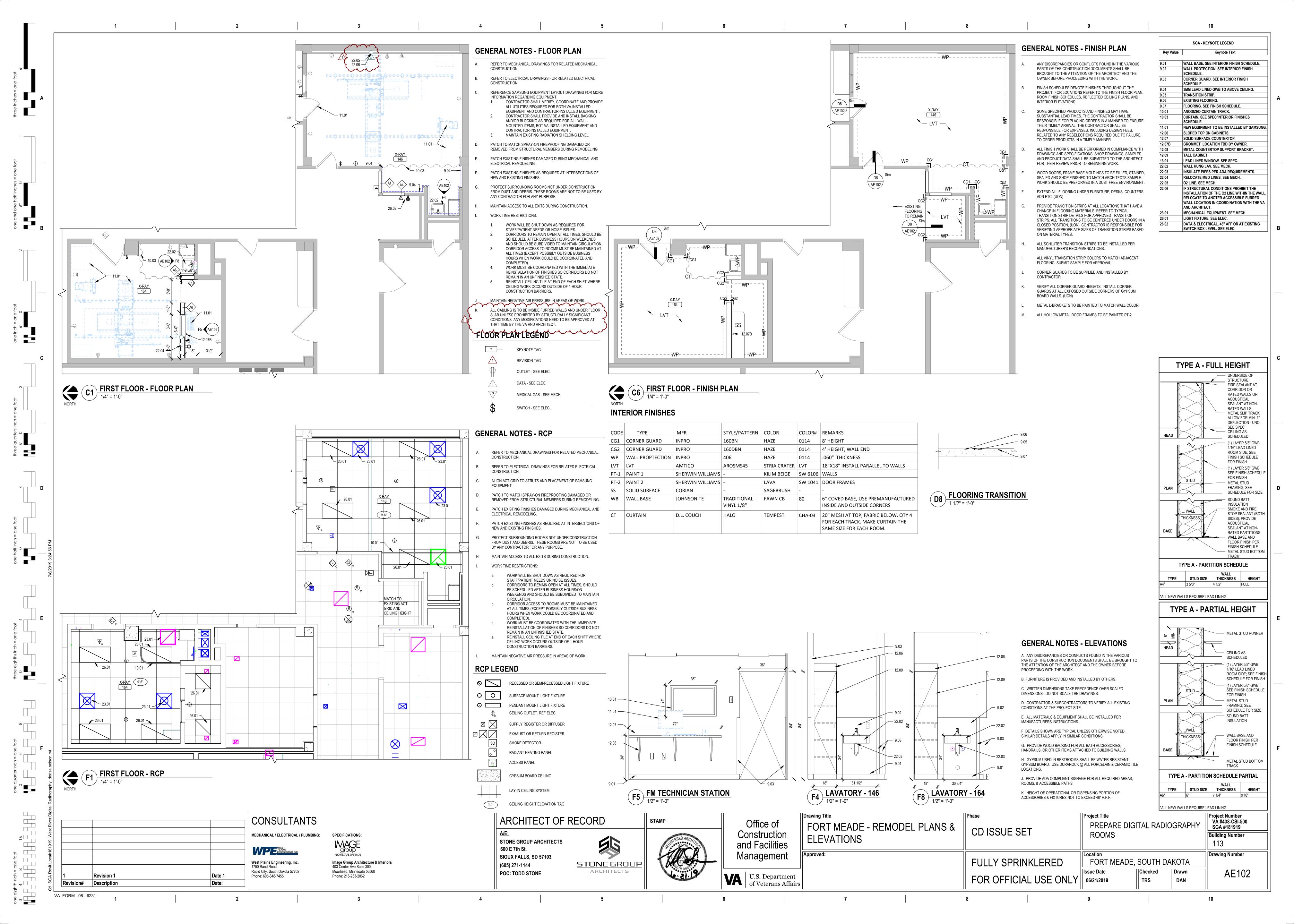
DAN

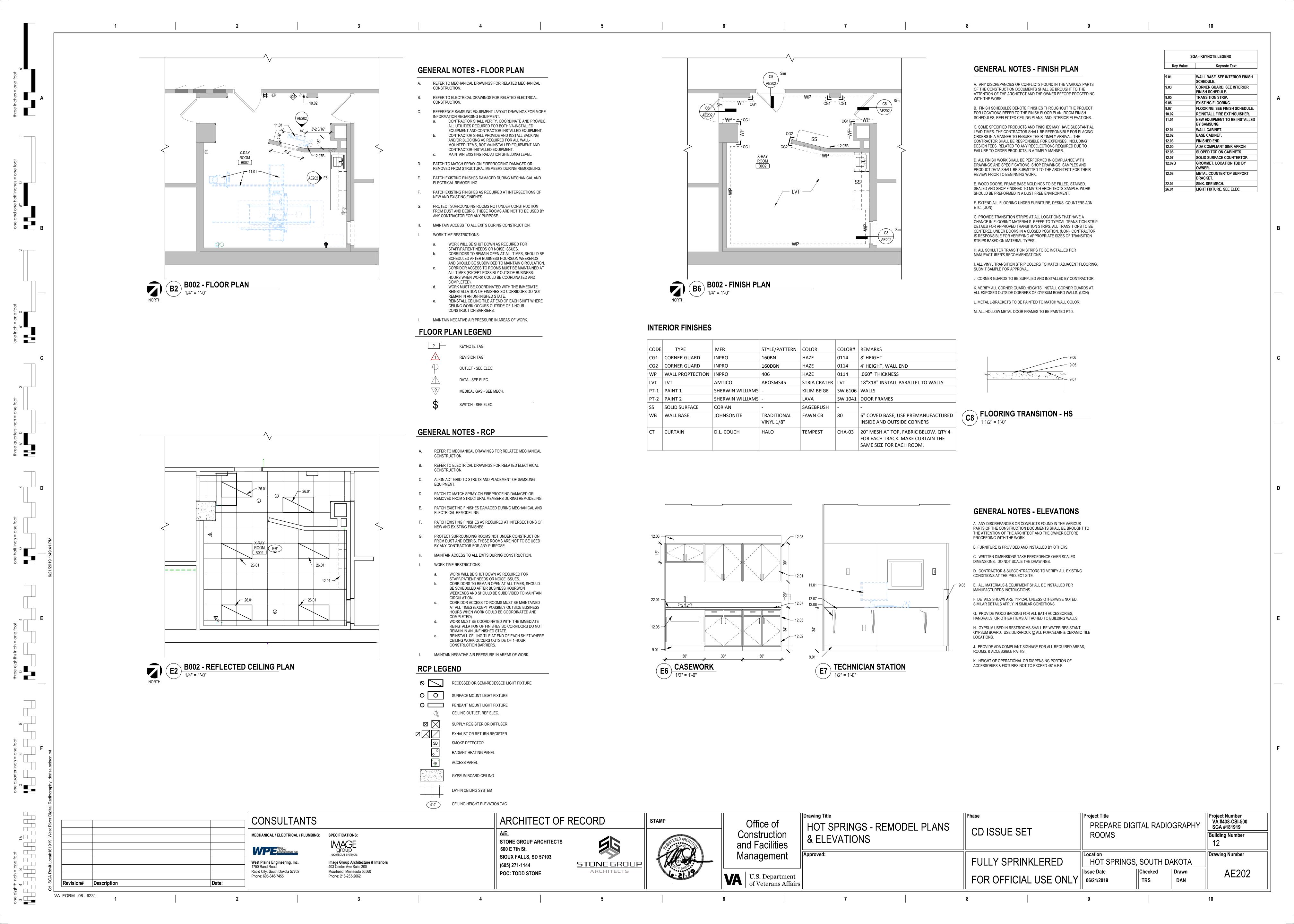
RO ROUGH OPENING GLU LAM GLUE LAMINATED (BEAM) GWB GYPSUM WALL BOARD GYP GYPSUM ROW RIGHT OF WAY RVS REVERSE (SIDE) RWL RAIN WATÈR LEADER Drawing Title **Project Title** ARCHITECT OF RECORD CONSULTANTS STAMP Office of PREPARE DIGITAL RADIOGRAPHY **COVER SHEET** CD ISSUE SET Construction ROOMS MECHANICAL / ELECTRICAL / PLUMBING: MAGE group architecture & interiors STONE GROUP ARCHITECTS and Facilities 600 E 7th St. Management SIOUX FALLS, SD 57103 HOT SPRINGS & FORT MEADE, SD **FULLY SPRINKLERED** Image Group Architecture & Interiors West Plains Engineering, Inc STONE GROUP (605) 271-1144 403 Center Ave Suite 300 Rapid City, South Dakota 57702 Checked Moorhead, Minnesota 56560 ARCHITECT5 POC: TODD STONE **VA** U.S. Department of Veterans Affairs Revision 1 Phone: 605-348-7455 Phone: 218-233-2062 Revision# Description Date: VA FORM 08 - 6231

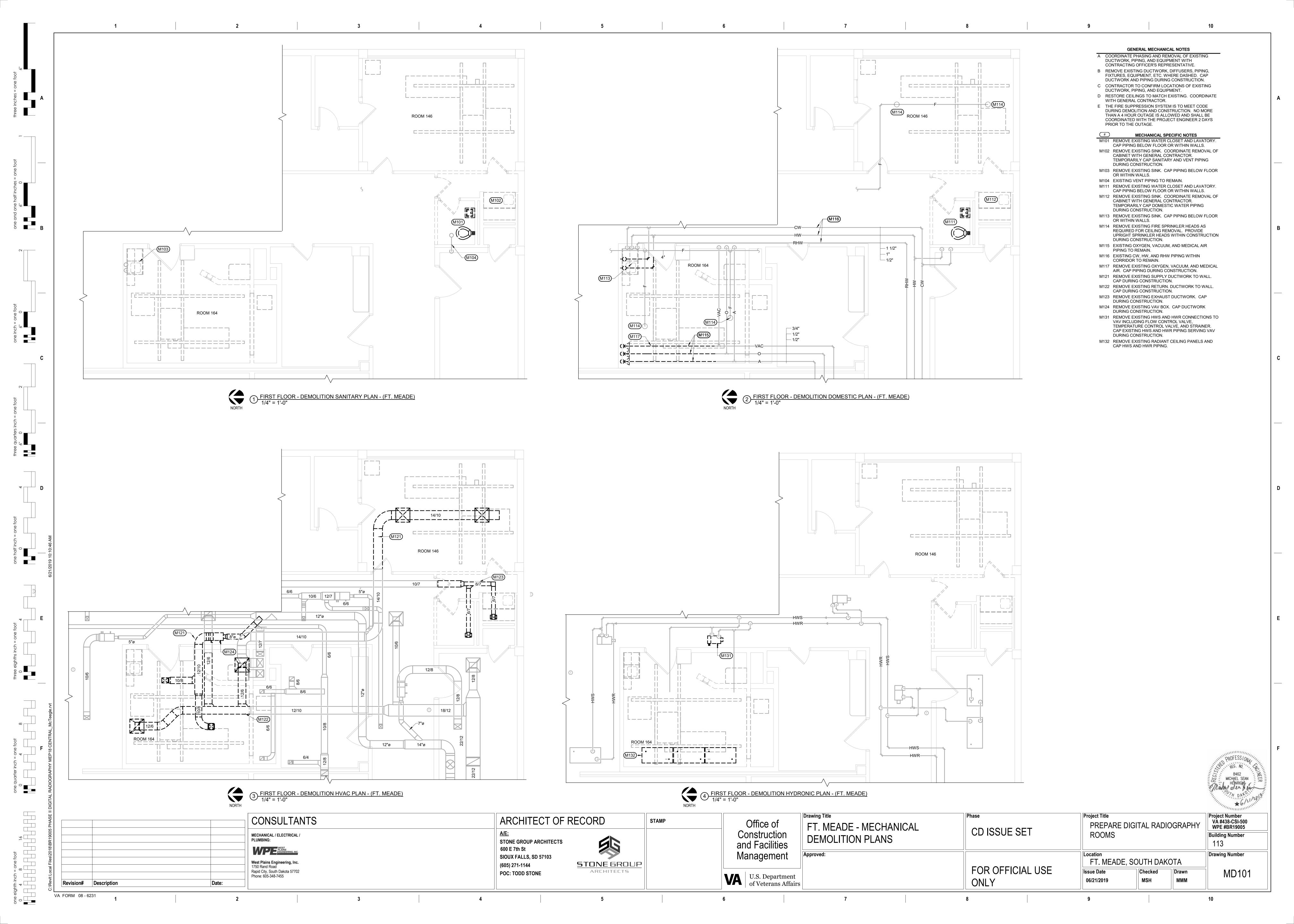


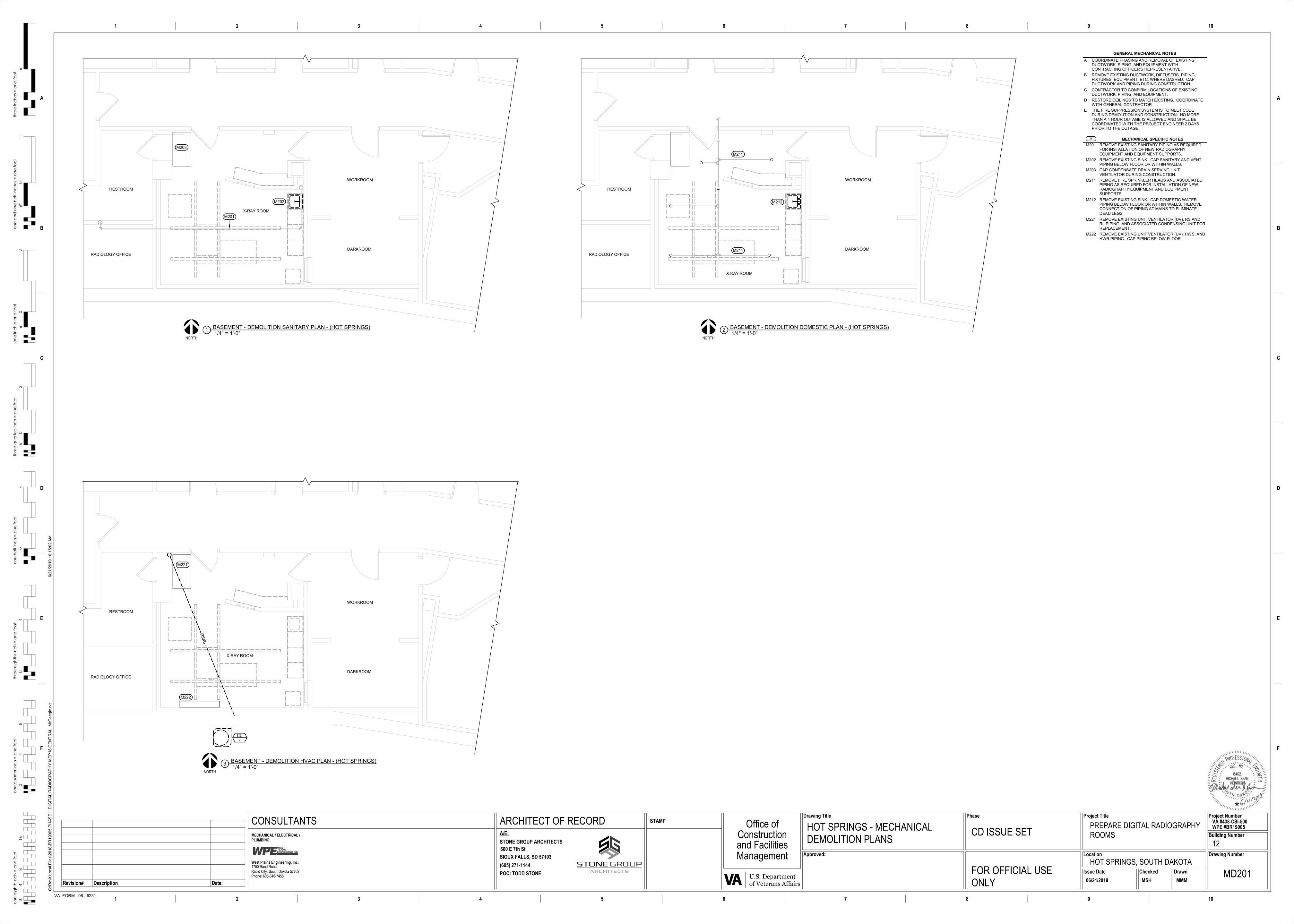


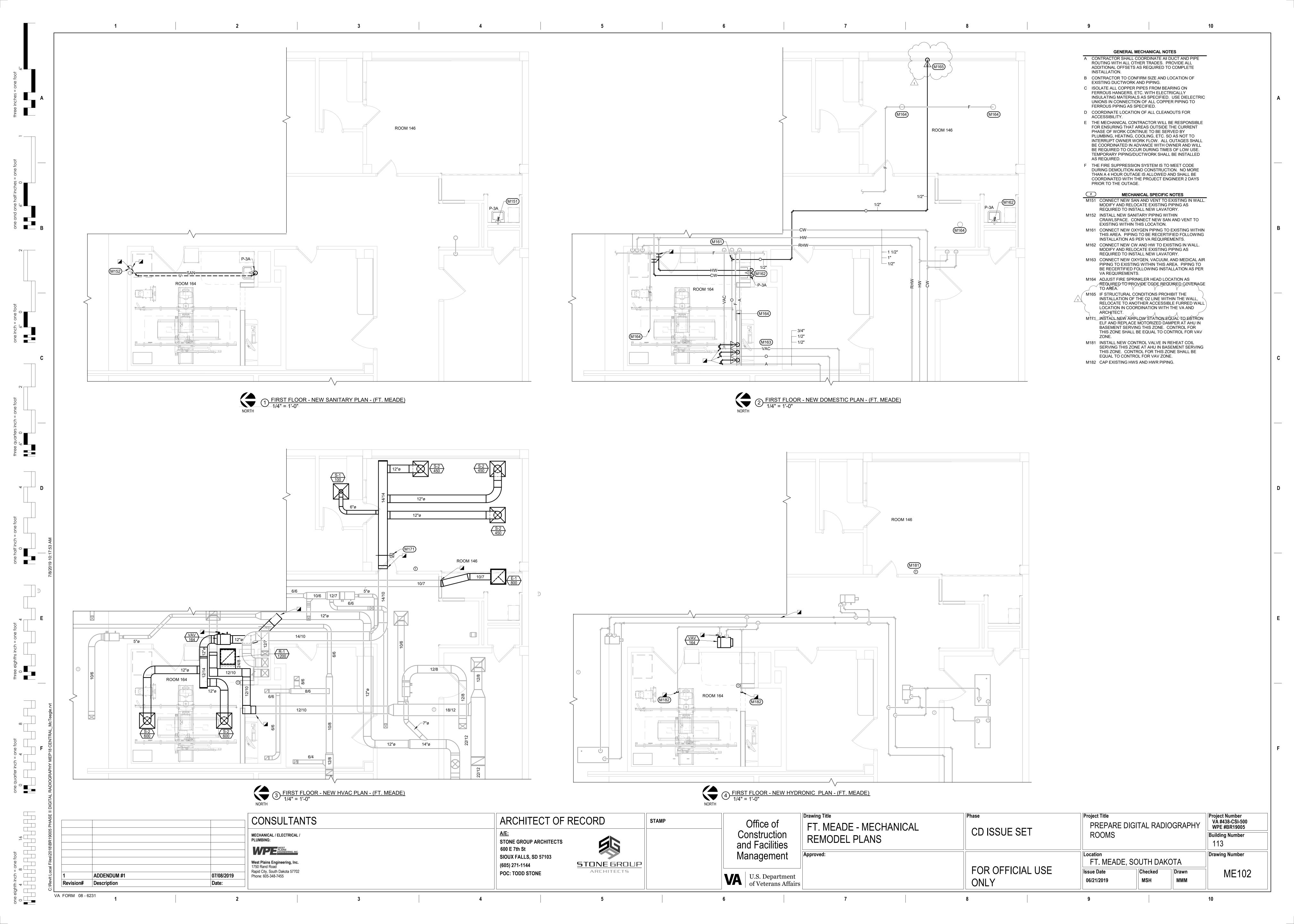


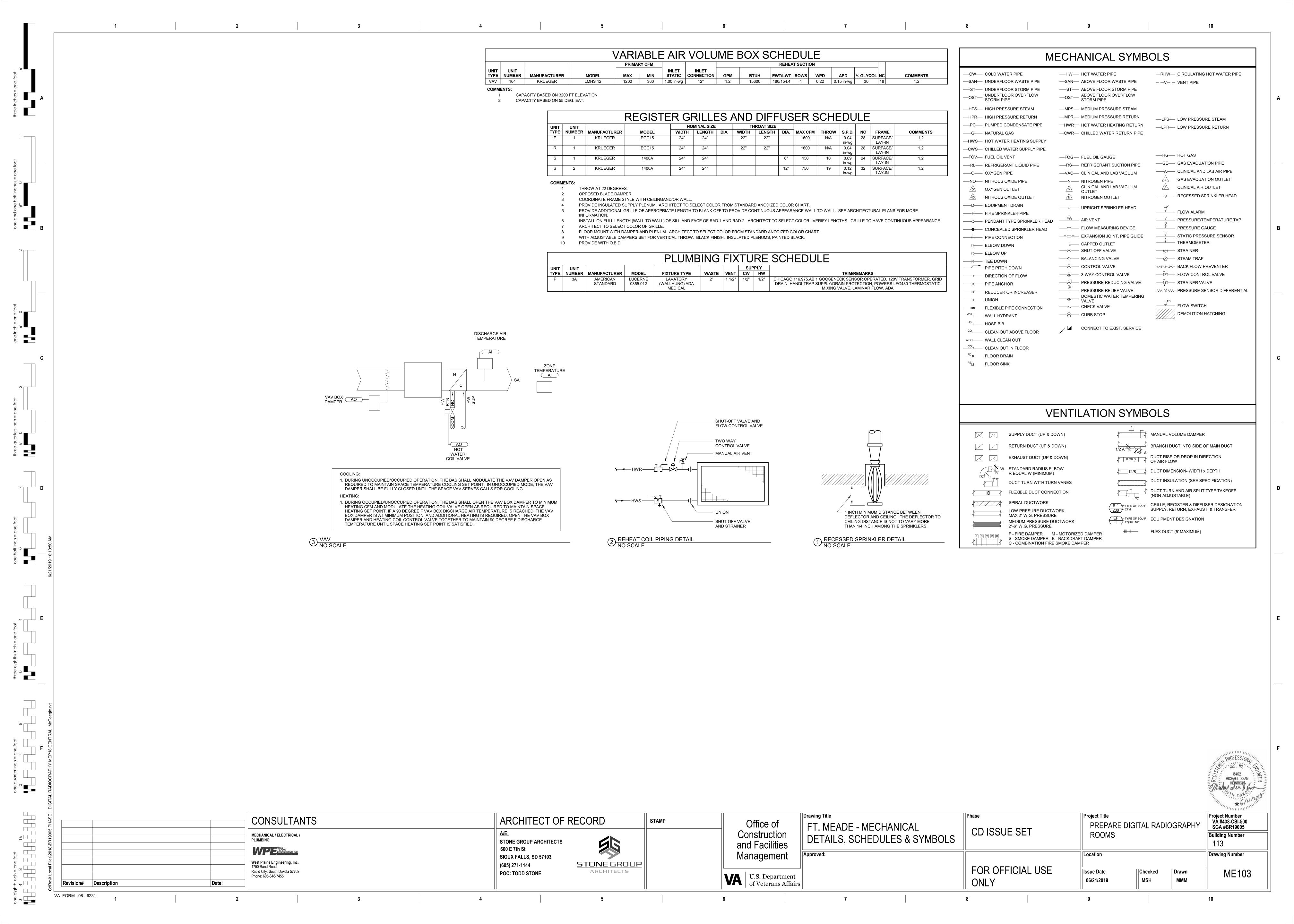


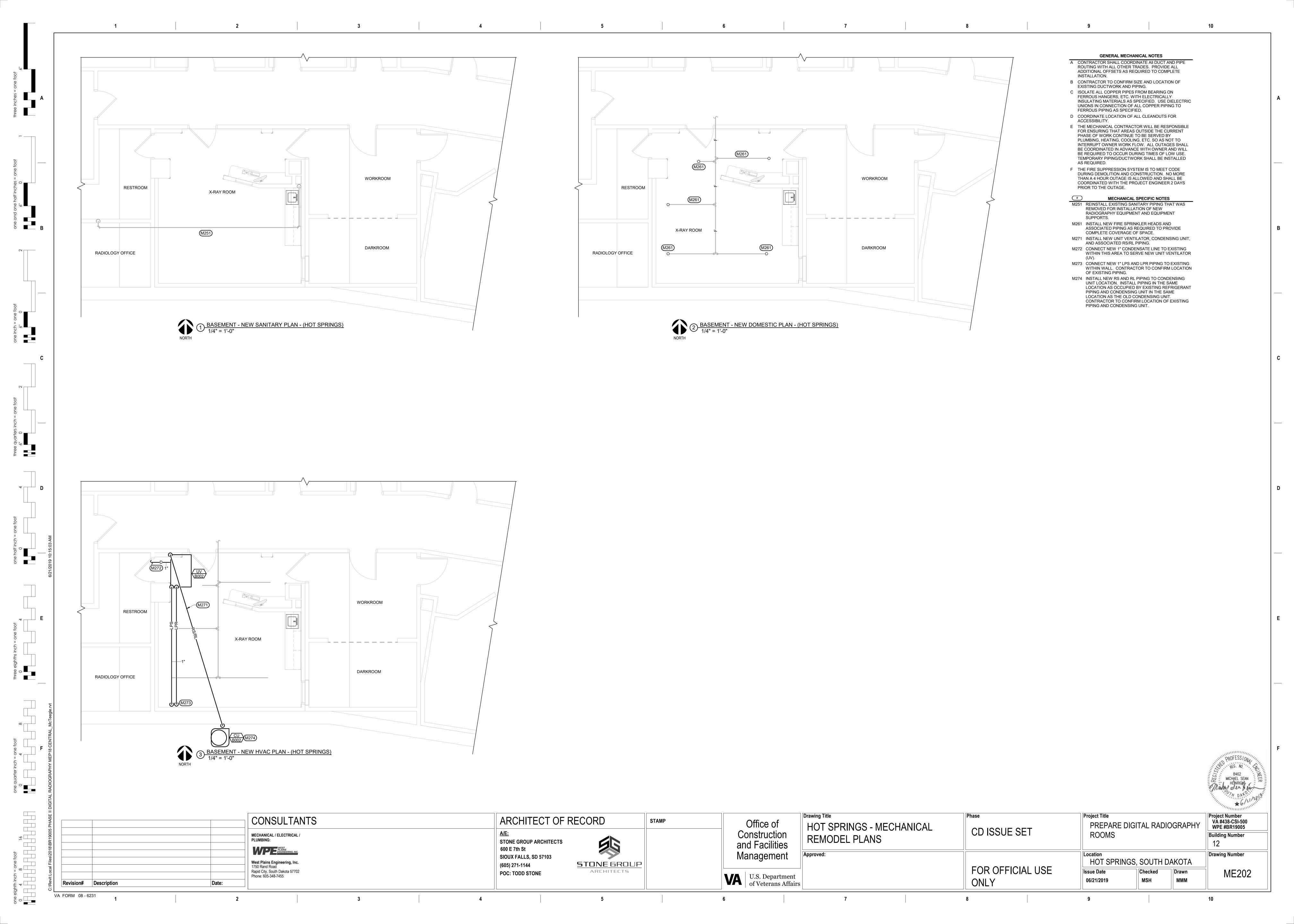


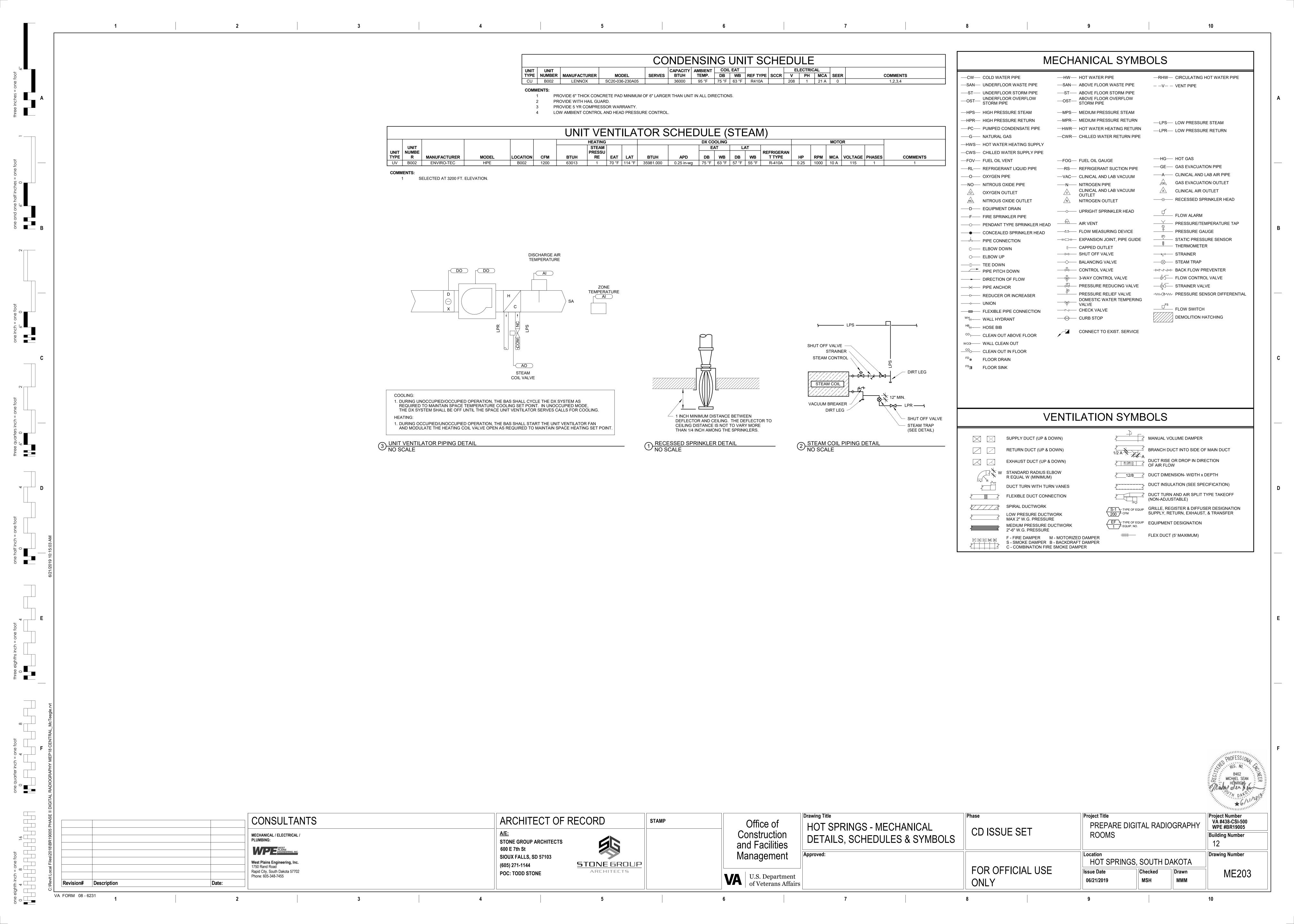


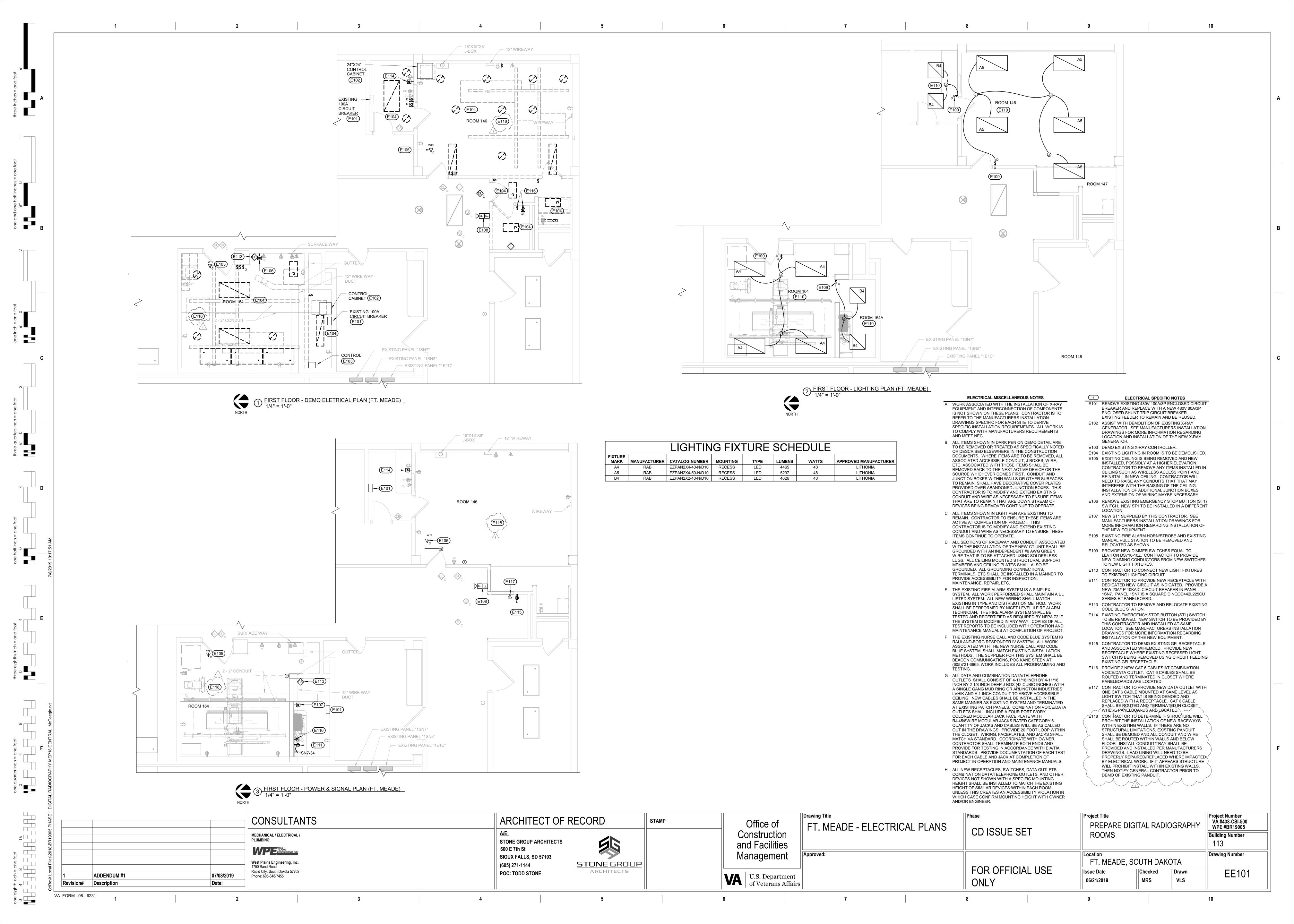


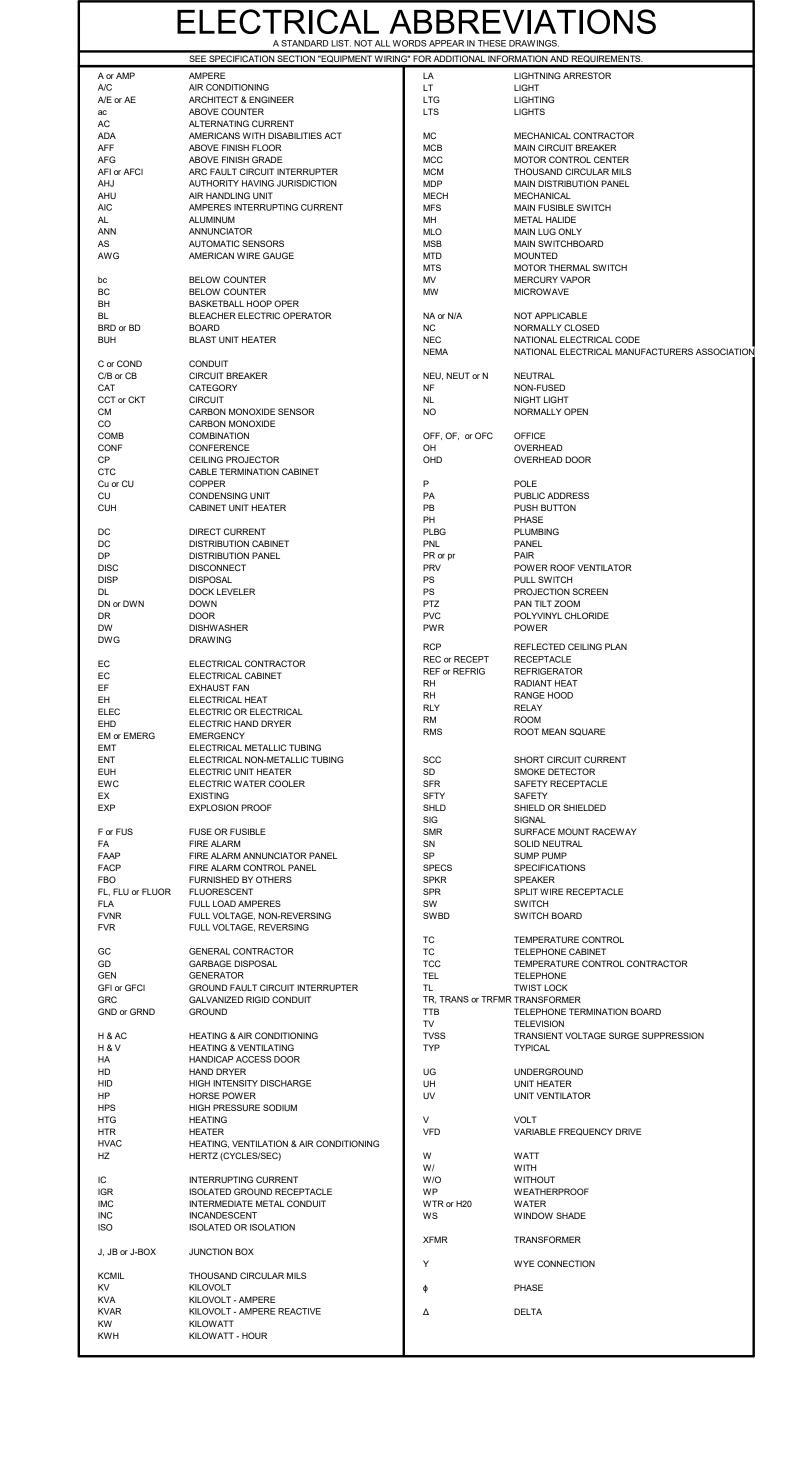


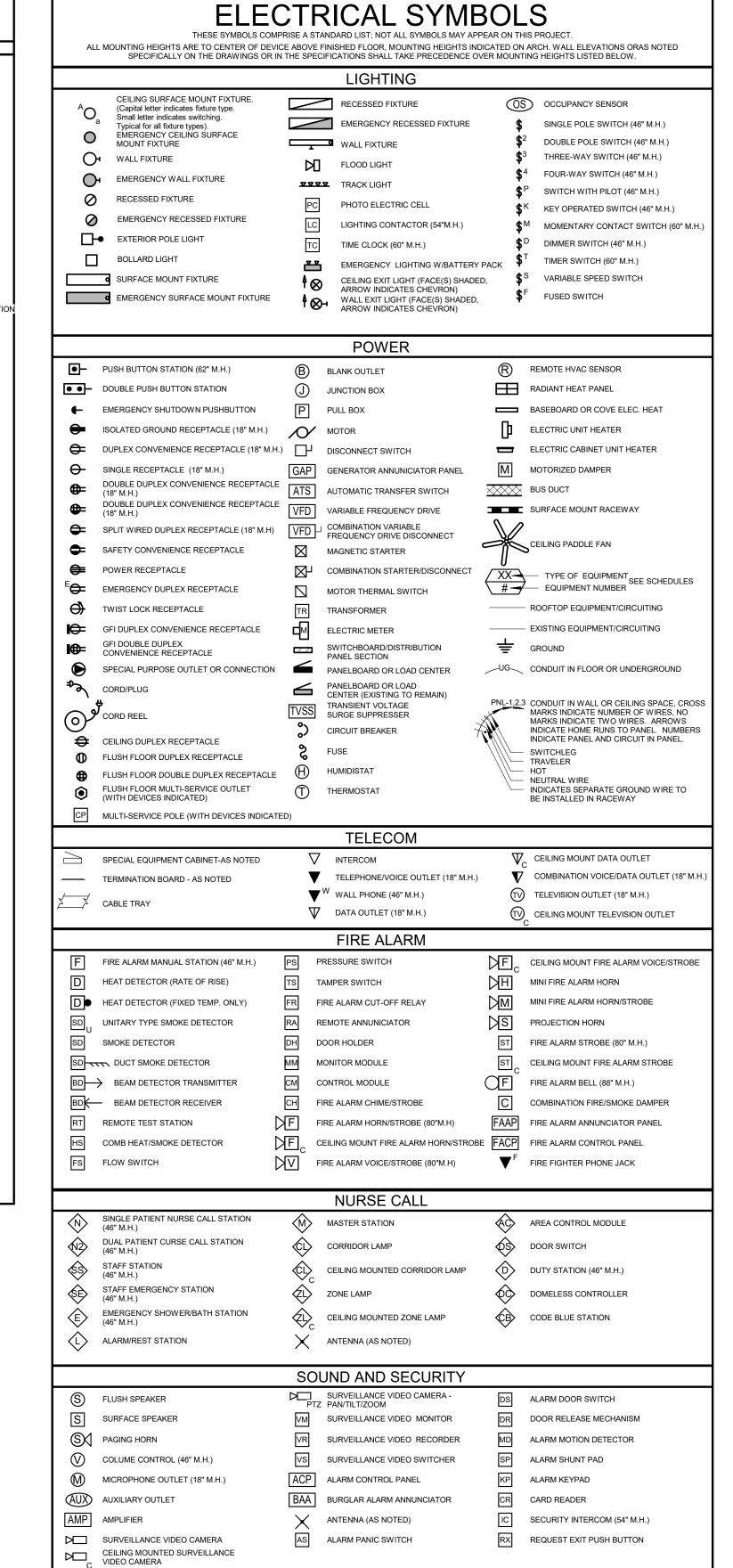


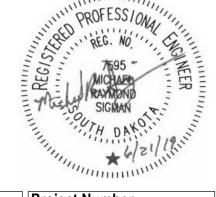




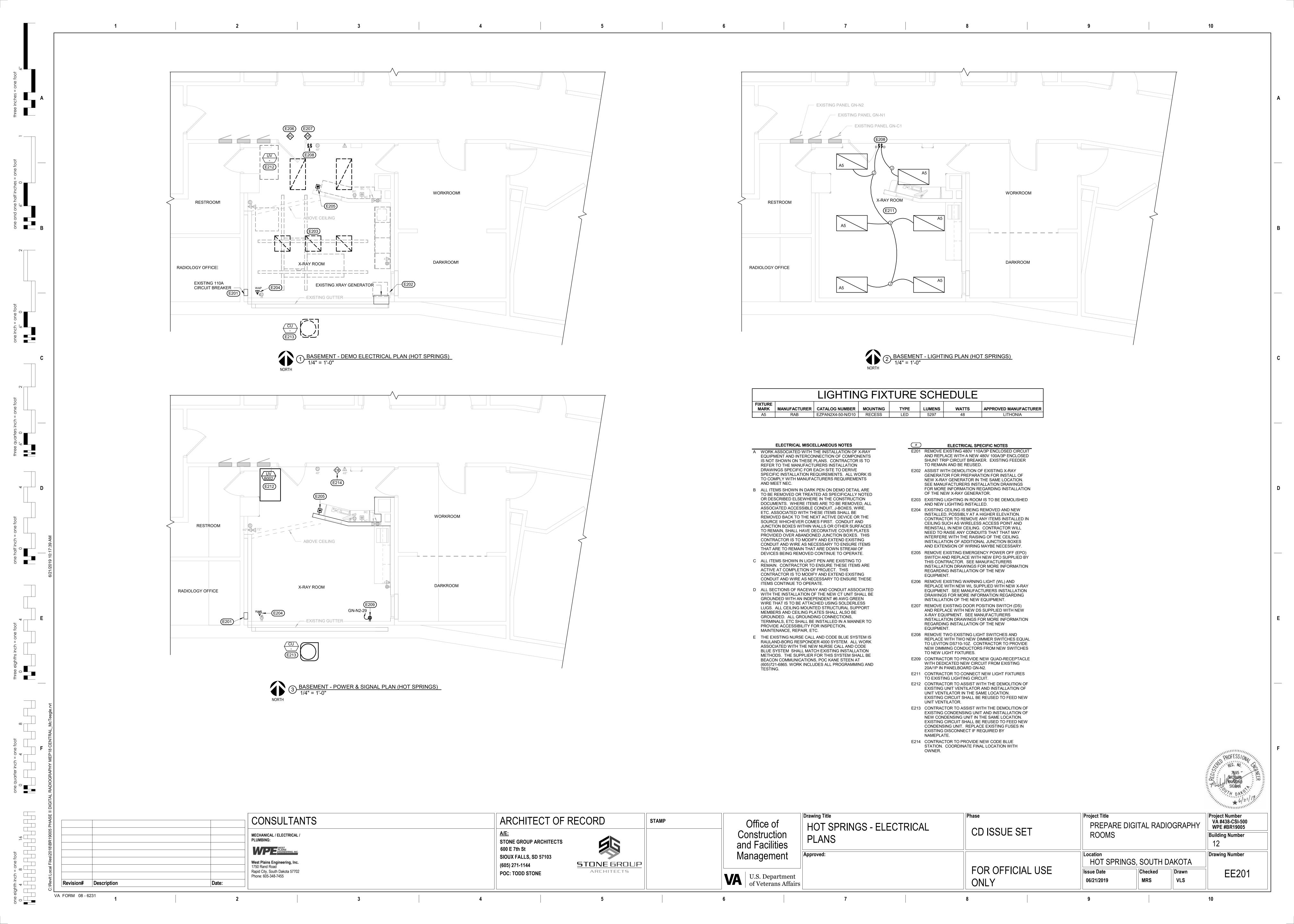








	MECHANICAL / ELECTRICAL / PLUMBING: WEST PLAINS ENGINEERING, INC. Wort Plains Engineering Inc.	A/E: STONE GROUP ARCHITECT 600 E 7th St SIOUX FALLS, SD 57103		Construction and Facilities Management	ABBREVIATIONS Approved:	CD ISSUE SET	ROOMS Location FT. MEADE, SOUTH DAKOTA	Building Number Drawing Number
	West Plains Engineering, Inc. 1750 Rand Road Rapid City, South Dakota 57702 Phone: 605-348-7455	(605) 271-1144 POC: TODD STONE	STONE GROUP ARCHITECTS	VA U.S. Department of Veterans Aff	nt	FOR OFFICIAL USE ONLY	Issue Date 06/21/2019 Checked MRS Drawn VLS	EE102



ELECTRICAL ABBREVIATIONS A or AMP AMPERE LIGHTNING ARRESTOR AIR CONDITIONING ARCHITECT & ENGINEER LIGHTING A/E or AE ABOVE COUNTER LIGHTS ALTERNATING CURRENT AMERICANS WITH DISABILITIES ACT MECHANICAL CONTRACTOR MAIN CIRCUIT BREAKER ABOVE FINISH FLOOR ABOVE FINISH GRADE MOTOR CONTROL CENTER AFI or AFCI ARC FAULT CIRCUIT INTERRUPTER THOUSAND CIRCULAR MILS AUTHORITY HAVING JURISDICTION MAIN DISTRIBUTION PANEL AIR HANDLING UNIT MECHANICAL AMPERES INTERRUPTING CURRENT MAIN FUSIBLE SWITCH ALUMINUM METAL HALIDE ANNUNCIATOR MAIN LUG ONLY AUTOMATIC SENSORS MAIN SWITCHBOARD AMERICAN WIRE GAUGE MOUNTED MOTOR THERMAL SWITCH BELOW COUNTER MERCURY VAPOR BELOW COUNTER MICROWAVE BASKETBALL HOOP OPER NOT APPLICABLE BLEACHER ELECTRIC OPERATOR NA or N/A BRD or BD NORMALLY CLOSED BOARD BLAST UNIT HEATER NATIONAL ELECTRICAL CODE NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION C or COND C/B or CB NEU, NEUT or N CIRCUIT BREAKER NEUTRAL NON-FUSED CCT or CKT CIRCUIT NIGHT LIGHT CARBON MONOXIDE SENSOR NORMALLY OPEN CARBON MONOXIDE OFFICE OFF, OF, or OFC COMBINATION CONFERENCE OVERHEAD CEILING PROJECTOR OVERHEAD DOOR CABLE TERMINATION CABINET Cu or CU COPPER CONDENSING UNIT PUBLIC ADDRESS PUSH BUTTON CABINET UNIT HEATER DIRECT CURRENT PLUMBING DISTRIBUTION CABINET PR or pr DISTRIBUTION PANEL POWER ROOF VENTILATOR DISCONNECT PULL SWITCH DISPOSAL DOCK LEVELER PROJECTION SCREEN DN or DWN PAN TILT ZOOM DOWN DOOR POLYVINYL CHLORIDE DISHWASHER POWER DRAWING REFLECTED CEILING PLAN REC or RECEPT RECEPTACLE ELECTRICAL CONTRACTOR REF or REFRIG REFRIGERATOR ELECTRICAL CABINET RADIANT HEAT EXHAUST FAN RANGE HOOD ELECTRICAL HEAT RELAY ELECTRIC OR ELECTRICAL ROOM ELECTRIC HAND DRYER ROOT MEAN SQUARE EM or EMERG **EMERGENCY** ELECTRICAL METALLIC TUBING SHORT CIRCUIT CURRENT ELECTRICAL NON-METALLIC TUBING ELECTRIC UNIT HEATER SMOKE DETECTOR ELECTRIC WATER COOLER SAFETY RECEPTACLE EXPLOSION PROOF SHIELD OR SHIELDED F or FUS FUSE OR FUSIBLE SURFACE MOUNT RACEWAY SOLID NEUTRAL FIRE ALARM FIRE ALARM ANNUNCIATOR PANEL SUMP PUMP SPECIFICATIONS FIRE ALARM CONTROL PANEL SPECS FURNISHED BY OTHERS SPEAKER FL, FLU or FLUOR FLUORESCENT SPLIT WIRE RECEPTACLE FULL LOAD AMPERES FULL VOLTAGE, NON-REVERSING SWITCH BOARD SWBD FULL VOLTAGE, REVERSING TEMPERATURE CONTROL GENERAL CONTRACTOR TELEPHONE CABINET TEMPERATURE CONTROL CONTRACTOR GARBAGE DISPOSAL GENERATOR GROUND FAULT CIRCUIT INTERRUPTER GFI or GFCI TWIST LOCK TR, TRANS or TRFMR TRANSFORMER GALVANIZED RIGID CONDUIT GND or GRND TELEPHONE TERMINATION BOARD GROUND TELEVISION H & AC TRANSIENT VOLTAGE SURGE SUPPRESSION **HEATING & AIR CONDITIONING** HEATING & VENTILATING HANDICAP ACCESS DOOR UNDERGROUND HAND DRYER UNIT HEATER HIGH INTENSITY DISCHARGE HORSE POWER UNIT VENTILATOR HIGH PRESSURE SODIUM VARIABLE FREQUENCY DRIVE HEATING, VENTILATION & AIR CONDITIONING HERTZ (CYCLES/SEC) INTERRUPTING CURRENT WITHOUT ISOLATED GROUND RECEPTACLE WEATHERPROOF WTR or H20 INTERMEDIATE METAL CONDUIT WATER WINDOW SHADE INCANDESCENT ISOLATED OR ISOLATION TRANSFORMER J, JB or J-BOX JUNCTION BOX WYE CONNECTION THOUSAND CIRCULAR MILS PHASE KILOVOLT - AMPERE KILOVOLT - AMPERE REACTIVE DELTA KILOWATT - HOUR

ELECTRICAL SYMBOLS THESE SYMBOLS COMPRISE A STANDARD LIST; NOT ALL SYMBOLS MAY APPEAR ON THIS PROJECT. ALL MOUNTING HEIGHTS ARE TO CENTER OF DEVICE ABOVE FINISHED FLOOR, MOUNTING HEIGHTS INDICATED ON ARCH. WALL ELEVATIONS ORAS NOTED SPECIFICALLY ON THE DRAWINGS OR IN THE SPECIFICATIONS SHALL TAKE PRECEDENCE OVER MOUNTING HEIGHTS LISTED BELOW. LIGHTING CEILING SURFACE MOUNT FIXTURE. RECESSED FIXTURE OS OCCUPANCY SENSOR (Capital letter indicates fixture type. Small letter indicates switching. EMERGENCY RECESSED FIXTURE SINGLE POLE SWITCH (46" M.H.) Typical for all fixture types). EMERGENCY CEILING SURFACE DOUBLE POLE SWITCH (46" M.H.) WALL FIXTURE \$3 THREE-WAY SWITCH (46" M.H.) WALL FIXTURE FLOOD LIGHT \$⁴ FOUR-WAY SWITCH (46" M.H.) EMERGENCY WALL FIXTURE TRACK LIGHT \$P SWITCH WITH PILOT (46" M.H.) RECESSED FIXTURE PC PHOTO ELECTRIC CELL **\$**^K KEY OPERATED SWITCH (46" M.H.) LC LIGHTING CONTACTOR (54"M.H.) \$M MOMENTARY CONTACT SWITCH (60" M.H.) ■ EXTERIOR POLE LIGHT TC TIME CLOCK (60" M.H.) **\$**^D DIMMER SWITCH (46" M.H.) EMERGENCY LIGHTING W/BATTERY PACK

\$^T TIMER SWITCH (60" M.H.) BOLLARD LIGHT CEILING EXIT LIGHT (FACE(S) SHADED, ARROW INDICATES CHEVRON)

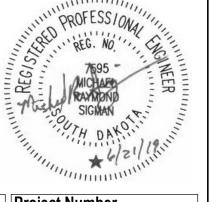
\$ VARIABLE SPEED SWITCH **d** SURFACE MOUNT FIXTURE \$F FUSED SWITCH EMERGENCY SURFACE MOUNT FIXTURE WALL EXIT LIGHT (FACE(S) SHADED, ARROW INDICATES CHEVRON) POWER REMOTE HVAC SENSOR PUSH BUTTON STATION (62" M.H.) B BLANK OUTLET ● ● DOUBLE PUSH BUTTON STATION RADIANT HEAT PANEL (J) JUNCTION BOX P PULL BOX BASEBOARD OR COVE ELEC. HEAT EMERGENCY SHUTDOWN PUSHBUTTON ISOLATED GROUND RECEPTACLE (18" M.H.) MOTOR ELECTRIC UNIT HEATER DUPLEX CONVENIENCE RECEPTACLE (18" M.H.) DISCONNECT SWITCH ELECTRIC CABINET UNIT HEATER MOTORIZED DAMPER SINGLE RECEPTACLE (18" M.H.) GAP GENERATOR ANNUNICIATOR PANEL DOUBLE DUPLEX CONVENIENCE RECEPTACLE

ATS

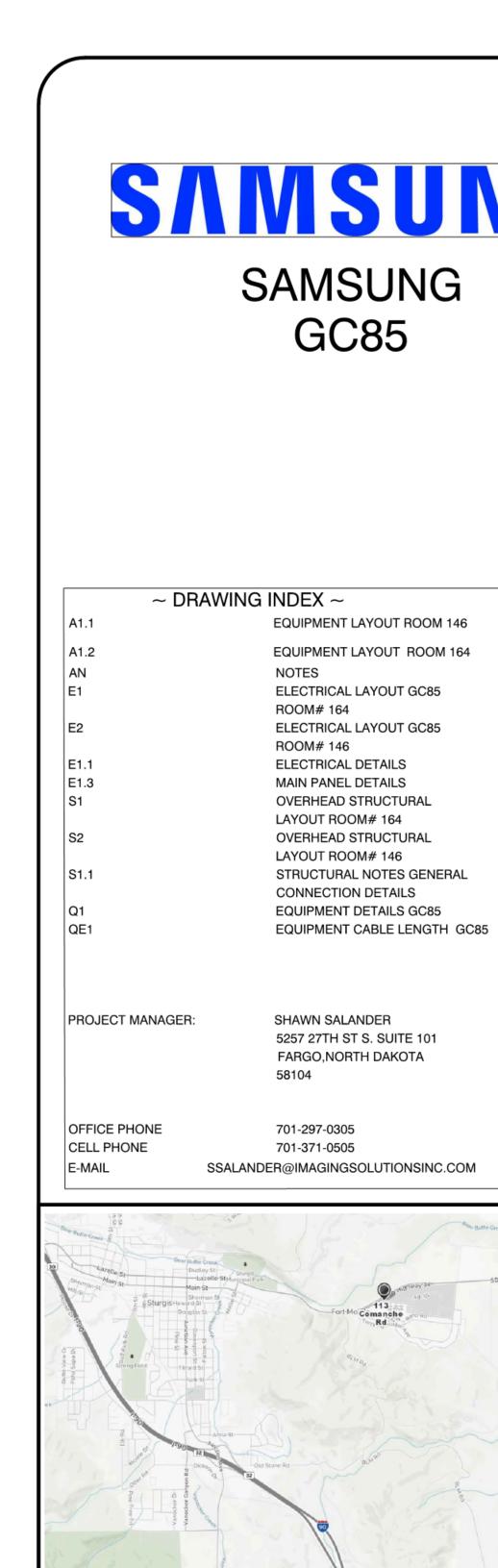
AUTOMATIC TRANSFER SWITCH BUS DUCT DOUBLE DUPLEX CONVENIENCE RECEPTACLE (18" M.H.)

VARIABLE FREQUENCY DRIVE SURFACE MOUNT RACEWAY SPLIT WIRED DUPLEX RECEPTACLE (18" M.H)

VFD | COMBINATION VARIABLE FREQUENCY DRIVE DISCONNECT CEILING PADDLE FAN SAFETY CONVENIENCE RECEPTACLE MAGNETIC STARTER TYPE OF EQUIPMENT SEE SCHEDULES POWER RECEPTACLE COMBINATION STARTER/DISCONNECT # FQUIPMENT NUMBER EMERGENCY DUPLEX RECEPTACLE MOTOR THERMAL SWITCH TWIST LOCK RECEPTACLE ----- ROOFTOP EQUIPMENT/CIRCUITING TRANSFORMER GFI DUPLEX CONVENIENCE RECEPTACLE ——— EXISTING EQUIPMENT/CIRCUITING ELECTRIC METER GFI DOUBLE DUPLEX CONVENIENCE RECEPTACLE SWITCHBOARD/DISTRIBUTION PANEL SECTION → GROUND SPECIAL PURPOSE OUTLET OR CONNECTION APANELBOARD OR LOAD CENTER UG CONDUIT IN FLOOR OR UNDERGROUND PANELBOARD OR LOAD CENTER (EXISTING TO REMAIN) CORD/PLUG PNL-1,2,3 CONDUIT IN WALL OR CEILING SPACE, CROSS TVSS TRANSIENT VOLTAGE SURGE SUPPRESSER MARKS INDICATE NUMBER OF WIRES, NO MARKS INDICATE TWO WIRES. ARROWS CORD REEL CIRCUIT BREAKER INDICATE HOME RUNS TO PANEL. NUMBERS INDICATE PANEL AND CIRCUIT IN PANEL. CEILING DUPLEX RECEPTACLE FUSE SWITCHLEGTRAVELER FLUSH FLOOR DUPLEX RECEPTACLE FLUSH FLOOR DOUBLE DUPLEX RECEPTACLE - NEUTRAL WIRE FLUSH FLOOR MULTI-SERVICE OUTLET (WITH DEVICES INDICATED) - INDICATES SEPARATE GROUND WIRE TO THERMOSTAT BE INSTALLED IN RACEWAY MULTI-SERVICE POLE (WITH DEVICES INDICATED) TELECOM CEILING MOUNT DATA OUTLET √ INTERCOM SPECIAL EQUIPMENT CABINET-AS NOTED COMBINATION VOICE/DATA OUTLET (18" M.H.) TELEPHONE/VOICE OUTLET (18" M.H.) TERMINATION BOARD - AS NOTED WALL PHONE (46" M.H.) (TV) TELEVISION OUTLET (18" M.H.) DATA OUTLET (18" M.H.) (TV) CEILING MOUNT TELEVISION OUTLET FIRE ALARM CEILING MOUNT FIRE ALARM VOICE/STROBE PS PRESSURE SWITCH F FIRE ALARM MANUAL STATION (46" M.H.) H MINI FIRE ALARM HORN D HEAT DETECTOR (RATE OF RISE) TAMPER SWITCH → HEAT DETECTOR (FIXED TEMP. ONLY) MINI FIRE ALARM HORN/STROBE FR FIRE ALARM CUT-OFF RELAY SD... UNITARY TYPE SMOKE DETECTOR PROJECTION HORN RA REMOTE ANNUNICIATOR DH DOOR HOLDER ST FIRE ALARM STROBE (80" M.H.) SD SMOKE DETECTOR SD DUCT SMOKE DETECTOR ST _ CEILING MOUNT FIRE ALARM STROBE MM MONITOR MODULE BD BEAM DETECTOR TRANSMITTER CM CONTROL MODULE FIRE ALARM BELL (88" M.H.) BD BEAM DETECTOR RECEIVER CH FIRE ALARM CHIME/STROBE C COMBINATION FIRE/SMOKE DAMPER RT REMOTE TEST STATION FIRE ALARM HORN/STROBE (80"M.H) FAAP FIRE ALARM ANNUNCIATOR PANEL HS COMB HEAT/SMOKE DETECTOR FACP FIRE ALARM HORN/STROBE FACP FIRE ALARM CONTROL PANEL FS FLOW SWITCH FIRE ALARM VOICE/STROBE (80"M.H) FIRE FIGHTER PHONE JACK **NURSE CALL** SINGLE PATIENT NURSE CALL STATION (46" M.H.) AC AREA CONTROL MODULE MASTER STATION DUAL PATIENT CURSE CALL STATION (46" M.H.) DOOR SWITCH CL CORRIDOR LAMP STAFF STATION (46" M.H.) DD DUTY STATION (46" M.H.) CL CEILING MOUNTED CORRIDOR LAMP STAFF EMERGENCY STATION (46" M.H.) DOMELESS CONTROLLER ZL ZONE LAMP EMERGENCY SHOWER/BATH STATION (46" M.H.) CEILING MOUNTED ZONE LAMP CB CODE BLUE STATION L ALARM/REST STATION ANTENNA (AS NOTED) SOUND AND SECURITY SURVEILLANCE VIDEO CAMERA - PTZ PAN/TILT/ZOOM S FLUSH SPEAKER DS ALARM DOOR SWITCH S SURFACE SPEAKER VM SURVEILLANCE VIDEO MONITOR DR DOOR RELEASE MECHANISM S PAGING HORN VR SURVEILLANCE VIDEO RECORDER MD ALARM MOTION DETECTOR COLUME CONTROL (46" M.H.) VS SURVEILLANCE VIDEO SWITCHER SP ALARM SHUNT PAD MICROPHONE OUTLET (18" M.H.) ACP ALARM CONTROL PANEL KP ALARM KEYPAD AUX) AUXILIARY OUTLET BAA BURGLAR ALARM ANNUNCIATOR CR CARD READER AMP AMPLIFIER IC SECURITY INTERCOM (54" M.H.) ANTENNA (AS NOTED) SURVEILLANCE VIDEO CAMERA AS ALARM PANIC SWITCH RX REQUEST EXIT PUSH BUTTON CEILING MOUNTED SURVEILLANCE VIDEO CAMERA



								MICHAPINA SIGNAN
	CONSULTANTS	ARCHITECT OF RECORD STAN	P Office of	Drawing Title ELECTRICAL SYMBOLS &	Phase	Project Title PREPARE DIC	SITAL RADIOGRAPHY	Project Number VA #438-CSI-500 WPE #BR19005
	MECHANICAL / ELECTRICAL / PLUMBING:	A/E: STONE GROUP ARCHITECTS 600 E 7th St	Construction and Facilities	ABBREVIATIONS	CD ISSUE SET	ROOMS		Building Number
	West Plains Engineering, Inc. 1750 Rand Road	600 E 7th St SIOUX FALLS, SD 57103 (605) 271-1144 STONE GROUP	Management	Approved:		Location HOT SPRINGS	S, SOUTH DAKOTA	Drawing Number
Revision# Description Date:	Rapid City, South Dakota 57702 Phone: 605-348-7455	POC: TODD STONE ARCHITECTS	VA U.S. Department of Veterans Affair	rs	FOR OFFICIAL USE ONLY	Issue Date 06/21/2019	Checked Drawn MRS VLS	EE20



SMSUNG

SAMSUNG GC85



VA BLACK HILLS HEALTH CARE SYSTEM 113 COMANCHE ROAD, FT MEADE, SD, 57741



- SITE PROGRESS CHECKLIST -

- REVIEW EQUIPMENT ORDER FOR EXACT ITEMS PURCHASED. OPTIONAL/-FUTURE ITEMS NOT ON ORDER MAY BE INDICATED ON THESE PLANS.
- ALL ROOM DIMENSIONS ARE CRITICAL! IMMEDIATELY CONTACT GENE NOWACZYK AT RADSOURCE IF CHANGES OCCUR OR DIMENSIONS ARE NOT CORRECT.
- ☐ CONTACT A RADIATION PHYSICIST OR CONSULTANT TO SPECIFY REQUIREMENTS FOR RADIATION CONTAINMENT. PROVIDE A LOCKABLE EQUIPMENT HOLDING AREA CLOSE TO THE
- INSTALLATION FOR STORING TOOLS AND TEST EQUIPMENT.
- MAKE ARRANGEMENTS FOR ANY RIGGING, SPECIAL HANDLING, OR FACILITY MODIFICATIONS THAT MUST BE MADE IN ORDER FOR THE EQUIPMENT TO BE DELIVERED TO THE INSTALLATION SITE. IF DESIRED, YOUR LOCAL RADSOURCE TEAM REPRESENTATIVE CAN SUPPLY A REFERENCE LIST OF RIGGERS.
- MAKE SURE A DUST FREE, TEMPERATURE AND HUMIDITY CONTROLLED ENVIRONMENT IS AVAILABLE FOR STORING THE EQUIPMENT IF YOUR SITE IS NOT READY FOR INSTALLATION AT THE TIME OF DELIVERY. ONCE THE SITE IS PREPARED, YOU ARE THEN RESPONSIBLE FOR DELIVERING THE EQUIPMENT TO THE SITE.

CUSTOMER

ALL REQUIREMENTS FOR THIS EQUIPMENT ARE NOT NOTED ON THIS SHEET. IT IS SUGGESTED THAT THESE DRAWINGS BE REVIEWED BY QUALIFIED PROFESSIONALS WHO CAN ASSIST WITH MAKING DECISIONS REGARDING RADIATION CONTAINMENT, MAGNETIC FIELD CONTAINMENT, ELECTRICAL STRUCTURAL AND MECHANICAL REQUIREMENTS. ALTHOUGH THE EQUIPMENT MAY BE INSTALLED IN AN EXISTING ROOM OF SIMILAR FUNCTION REQUIREMENTS STILL NEED TO BE CHECKED.

SITE VISIT

NORMAL PROCEDURE IS TO ATTEND AN INITIAL CONSTRUCTION MEETING AND THEN PERFORM AN INSPECTION OF THE ELECTRICAL BUILD OUT AT OR ABOUT THE SAME TIME AS THE ELECTRICAL ROUGH IN (PRIOR TO SHEETROCK OR LEAD BEING INSTALLED), ADDITIONAL VISITS MAY BE REQUIRED

RECEIPT OF DRAWING

THIS SIGNATURE PRINTED OR OTHERWISE PLANS, IT IS UNDERSTOOD THAT ANY DEVIATION FROM THESE DRAWINGS, DETAILS AND SPECIFICATIONS MAY ENCROACH UPON THE EQUIPMENT OPERATION, SERVICEABILITY, OR SAFETY GUIDELINES. ALSO I AM AWARE THAT ANY CHANGES MADE AFTER 16 June 2017 COULD RESULT IN ADDITIONAL EXPENSES BEING INCURRED IF RADSOURCE IS NOT NOTIFIED IN WRITING i.e. E-MAIL ETC... NEW SHEETS WILL BE ISSUED AS ADDITIONS AND REVISIONS WILL HAVE CURRENT DATES ADDED.

NAME: NICHOLAS A. CHRISTENSEN DATE:____

PRINTED: COMPANY:

NAME: KEVIN FRAVEL DATE:____

PRINTED:

COMPANY:

NAME: ANTHONY KOESSL DATE:____

COMPANY:

PRINTED: COMPANY:

__DATE:__

LAST PLOT DATE: 16 June 2017 LAST REVIEW: 6/16/2017 10:36:27 AM

SAMSUNG | Neur@Logica GENE NOWACZYK

SITE PLANNING & PROJECT DEVELOPMENT OFFICE: 816-741-5558 CELL: 816-223-6378 FAX: 816-587-2423 EMAIL: GNOWACZYK@RADSOURCE.NE

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

PROJECT

SAMSUNG GC85

VA BLACK HILLS HEALTH CARE SYSTEM

113 COMANCHE ROAD, FT MEADE, SD, 57741

ARCHITECT:

ELECTRICAL CONTRACTOR: p.XXX-XXX-XXXX m.XXX-XXX-XXXX

.NET/.COM GENERAL CONTRACTOR:

p.XXX-XXX-XXXX m.XXX-XXX-XXXX

PROJECT MANAGER FOR CUSTOMER:

KEVIN FRAVEL KEVIN.FRAVEL@VA.GOV

IT MANAGER ANTHONY KOESSL p. XXX

ANTHONY.KOESSL@VA.GOV RADIOLOGY MANAGER

NICHOLAS A. CHRISTENSEN NICHOLAS.CHRISTENSEN2@VA.GOV

REVISION: DATE:

GENE N. CHK'D BY: A.W. CUSTOMER:

DATE: 6/16/2017 8:53:45 AM

FILE NAME: Fort Meade VA F1 06-16-2017.dwg

DRAWING SHEET #

West Plains Engineering, Inc. 1750 Rand Road Rapid City, South Dakota 57702 Phone: 605-348-7455 Revision# Description

one eighth inch = one foot

0 4 8 16

VA FORM 08 - 6231

CONSULTANTS

MECHANICAL / ELECTRICAL / PLUMBING: WEST PLAINS ENGINEERING, INC.

SPECIFICATIONS: MAGE group architecture & interiors Image Group Architecture & Interiors 403 Center Ave Suite 300 Moorhead, Minnesota 56560

Phone: 218-233-2062

INSTALL LOCATION MAP

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

STONE GROUP ARCHITECTS STONE GROUP ARCHITECT5

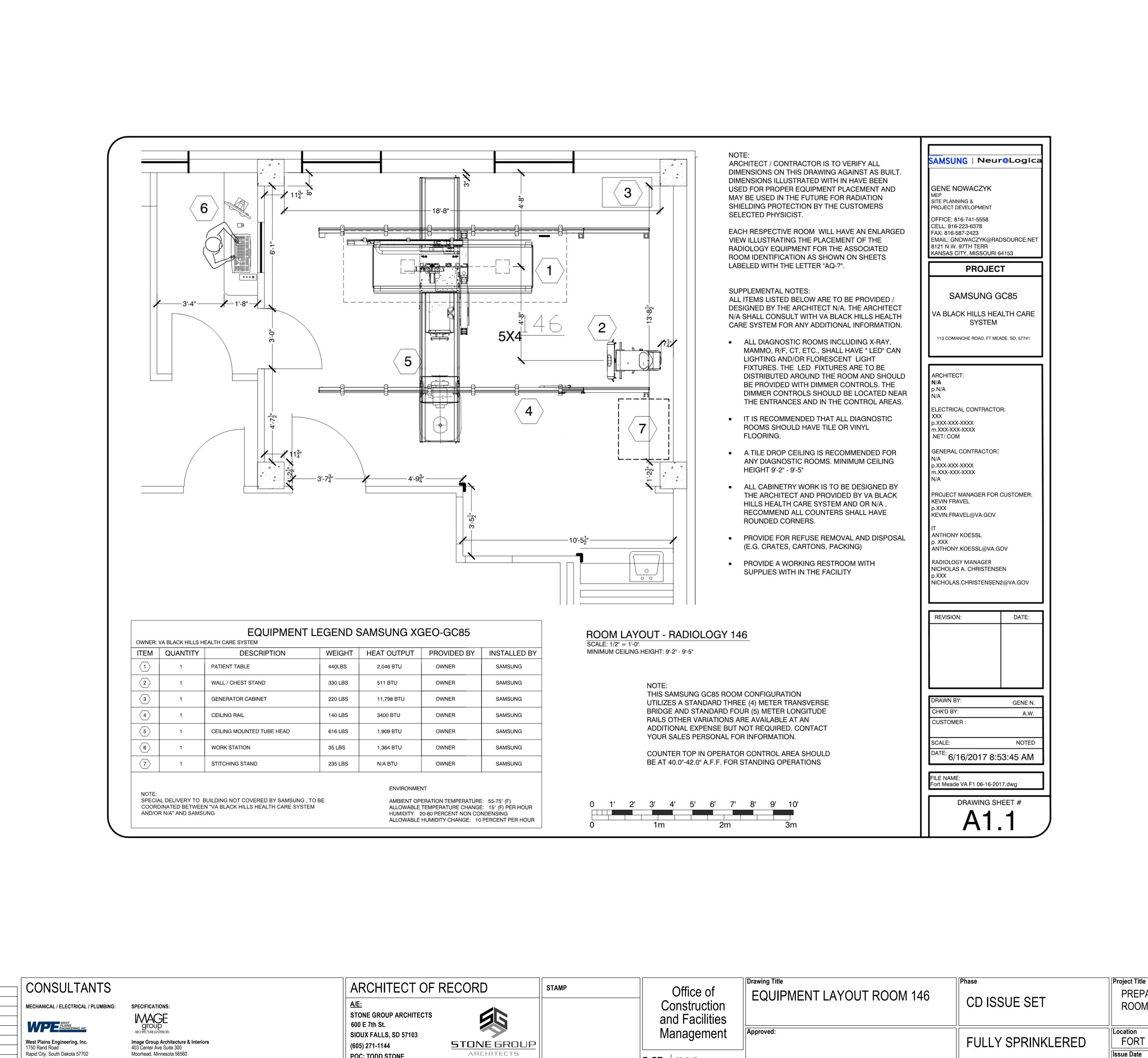
STAMP

ARCHITECT OF RECORD

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Project Number VA #438-CSI-500 SGA #181919 Drawing Title Project Title PREPARE DIGITAL RADIOGRAPHY COVER CD ISSUE SET ROOMS 113 Drawing Number FULLY SPRINKLERED FORT MEADE, SOUTH DAKOTA Checked Drawn XI001 FOR OFFICIAL USE ONLY TRS DAN



STONE GROUP

ARCHITECT5

VA U.S. Department of Veterans Affairs

(605) 271-1144

POC: TODD STONE

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

Building Number

Drawing Number

XA101

113

PREPARE DIGITAL RADIOGRAPHY

FORT MEADE, SOUTH DAKOTA

Checked

TRS

Drawn

DAN

ROOMS

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one eighth inch = one foot

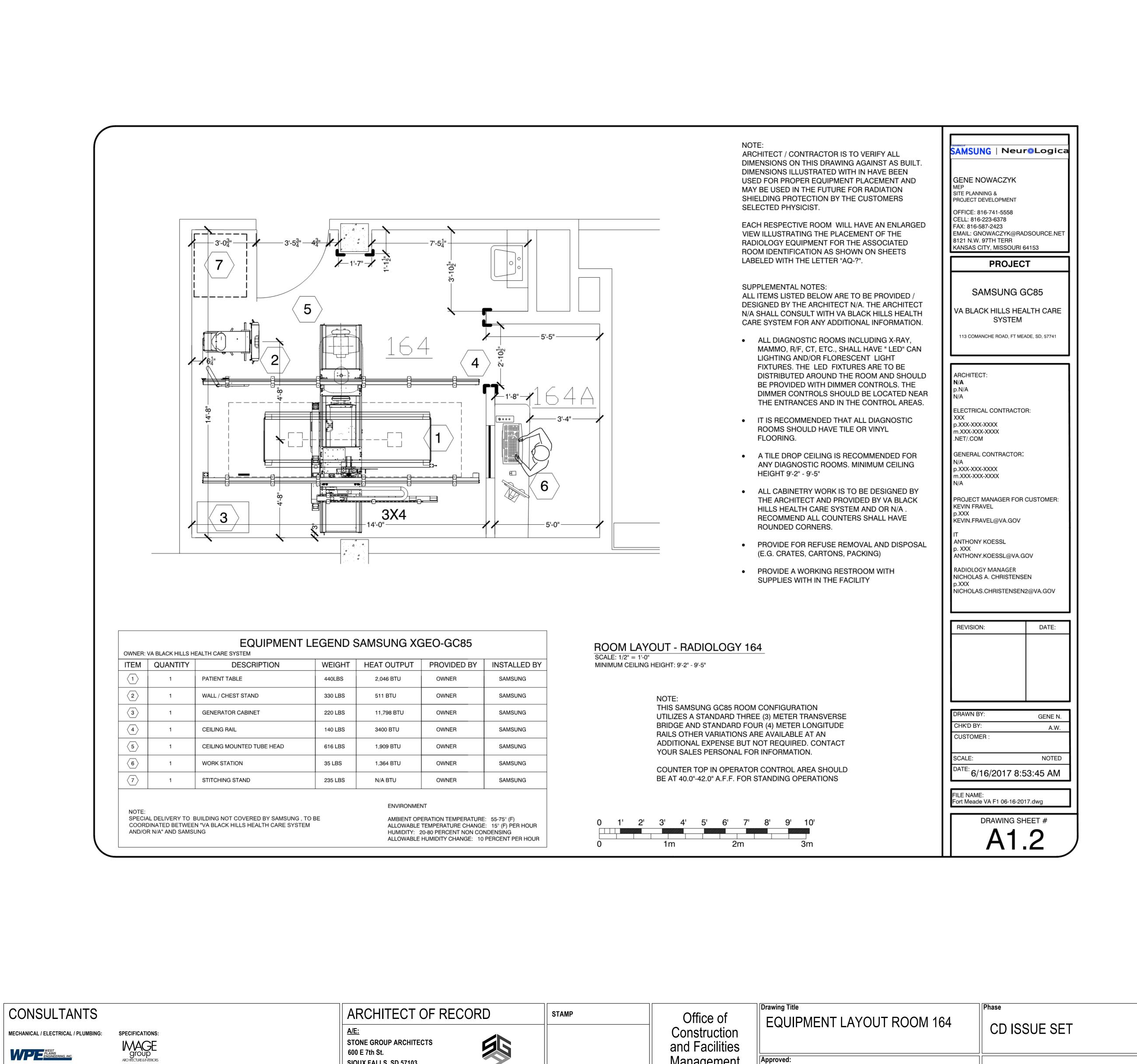
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Revision# Description

VA FORM 08 - 6231

Phone: 605-348-7455

Phone: 218-233-2062



SIOUX FALLS, SD 57103

(605) 271-1144

POC: TODD STONE

STONE GROUP

ARCHITECT5

Management

VA U.S. Department of Veterans Affairs

Project Number VA #438-CSI-500

SGA #181919

Building Number

Drawing Number

XA102

113

Project Title

Location

FULLY SPRINKLERED

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ROOMS

PREPARE DIGITAL RADIOGRAPHY

FORT MEADE, SOUTH DAKOTA

Checked

TRS

Drawn

DAN

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Revision# Description

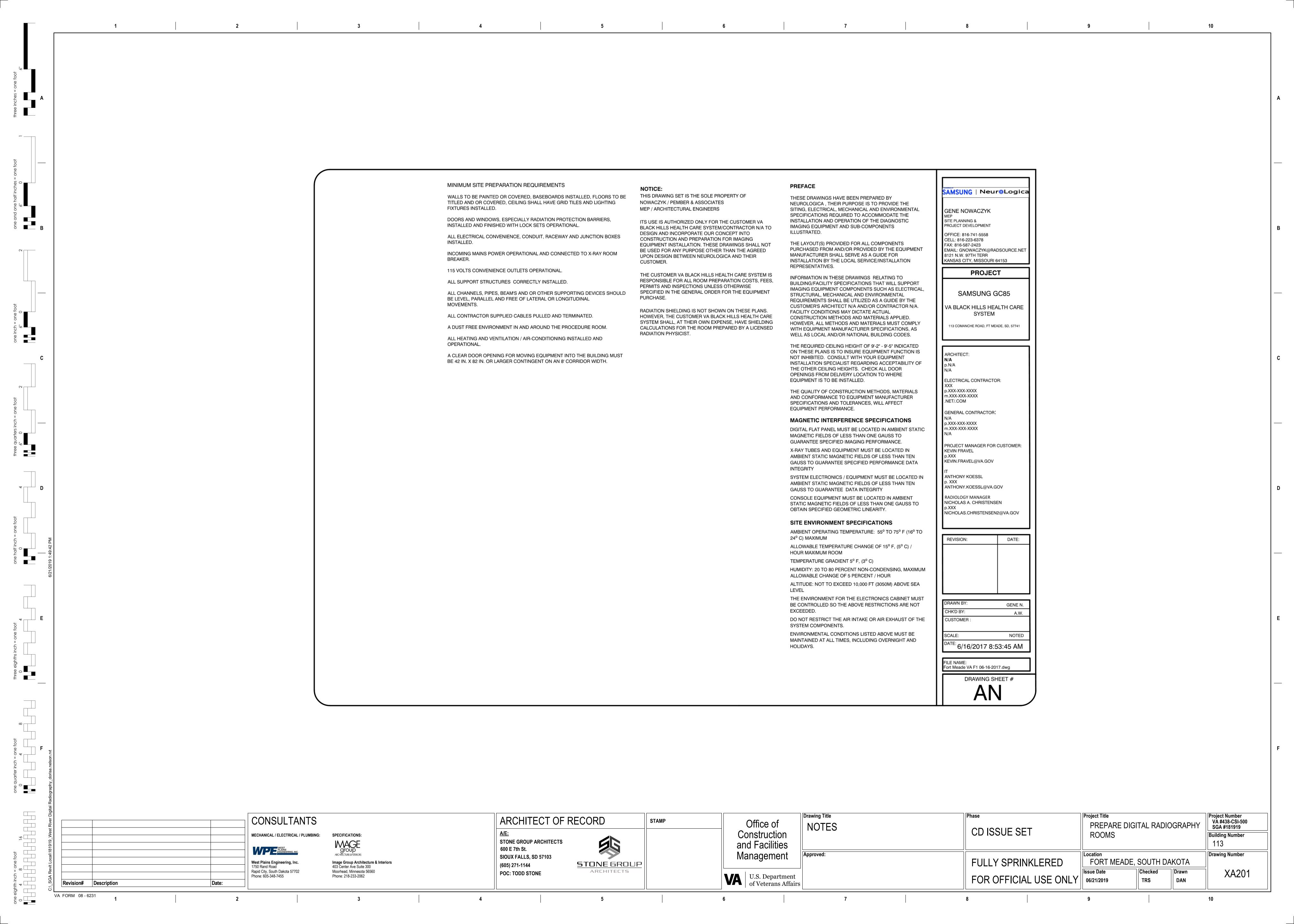
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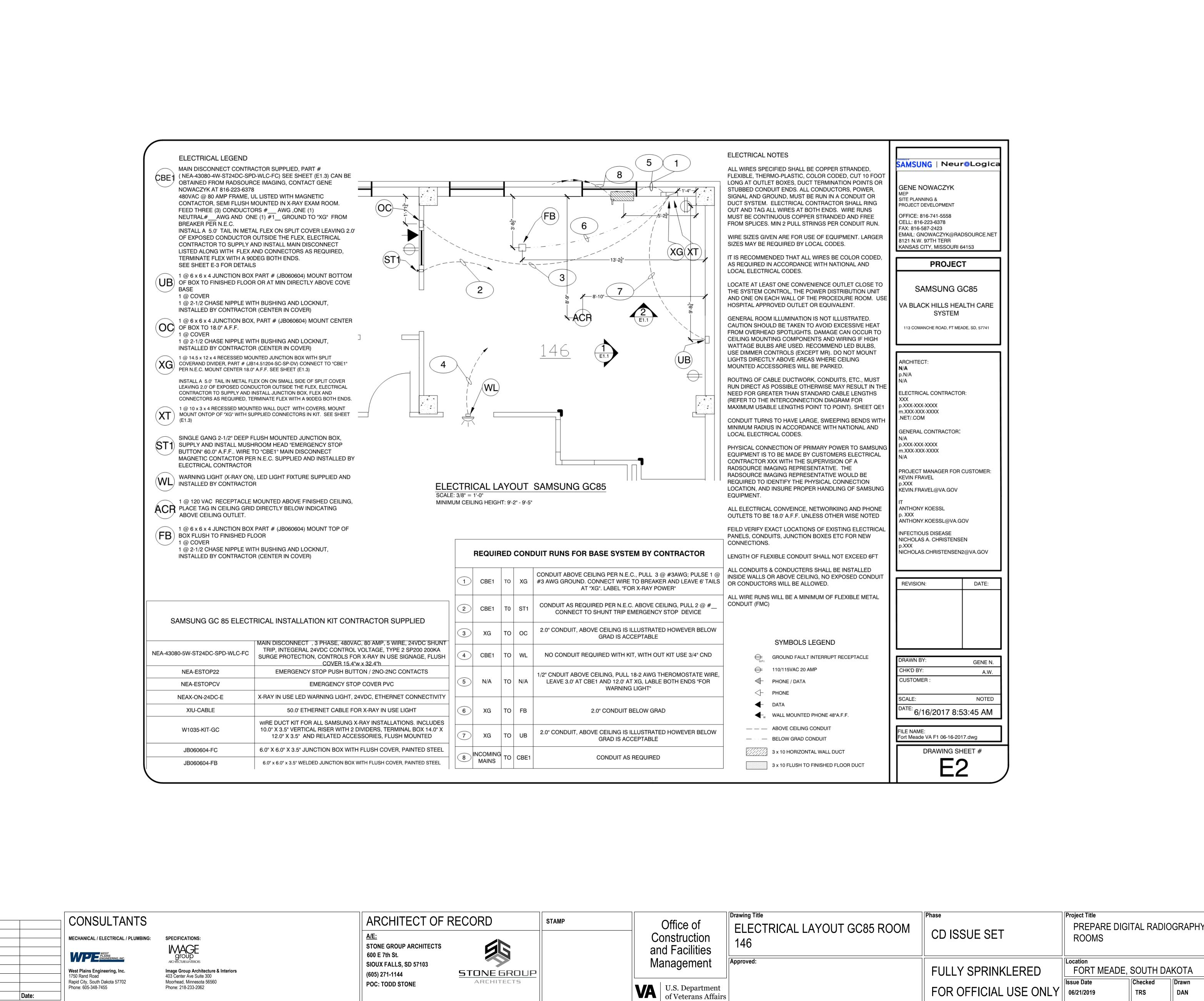
West Plains Engineering, Inc. 1750 Rand Road Rapid City, South Dakota 57702

Phone: 605-348-7455

Image Group Architecture & Interiors 403 Center Ave Suite 300 Moorhead, Minnesota 56560

Phone: 218-233-2062





Project Number

VA #438-CSI-500

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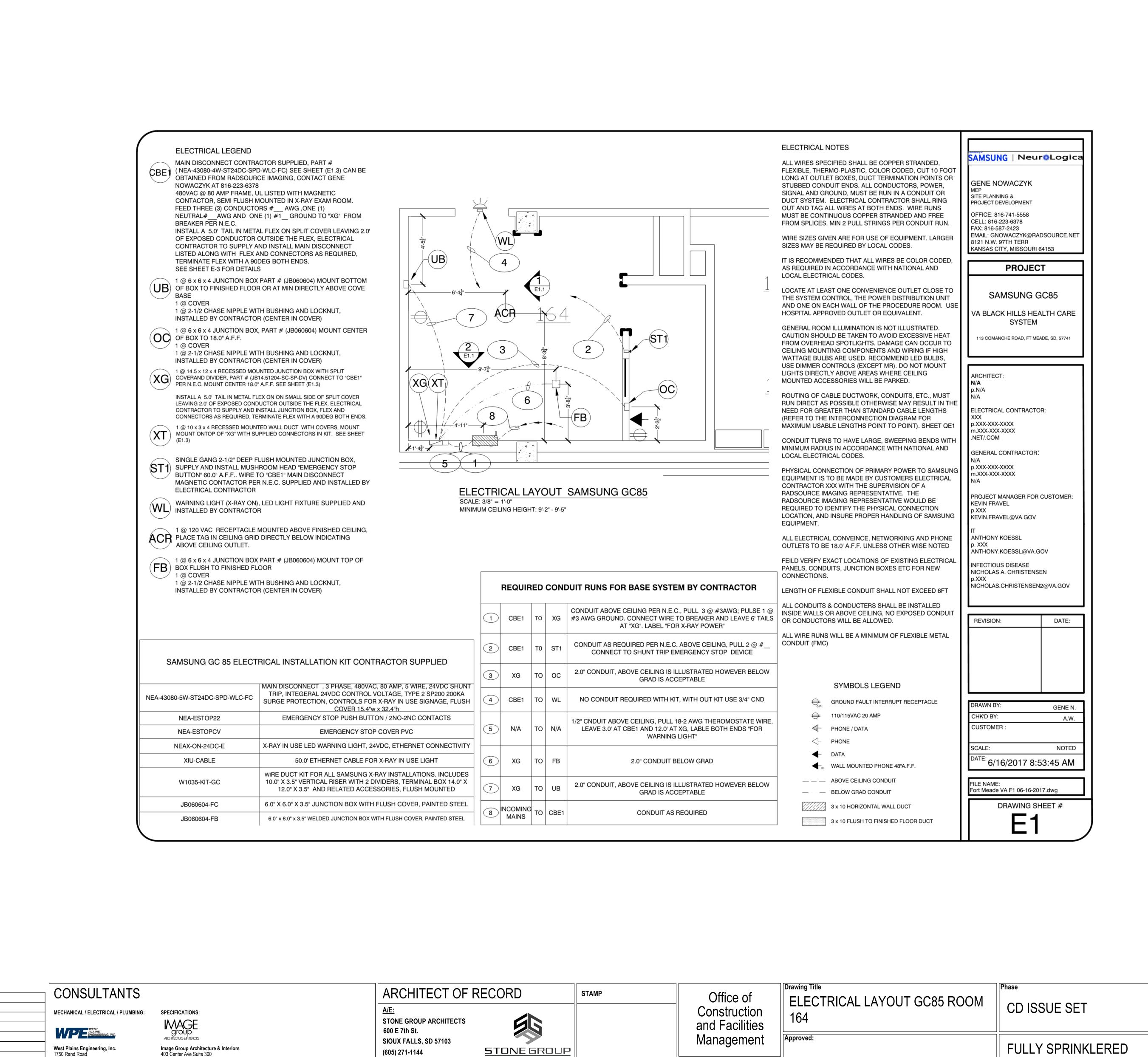
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one eighth inch = one foot 0 4 8 16

| Revision# | Description

VA FORM 08 - 6231



(605) 271-1144

POC: TODD STONE

ARCHITECT5

U.S. Department of Veterans Affairs

403 Center Ave Suite 300

Phone: 218-233-2062

Moorhead, Minnesota 56560

Rapid City, South Dakota 57702

Phone: 605-348-7455

Project Title

FOR OFFICIAL USE ONLY

ROOMS

PREPARE DIGITAL RADIOGRAPHY

FORT MEADE, SOUTH DAKOTA

Checked

TRS

Drawn

DAN

Project Number

VA #438-CSI-500

SGA #181919

Building Number

Drawing Number

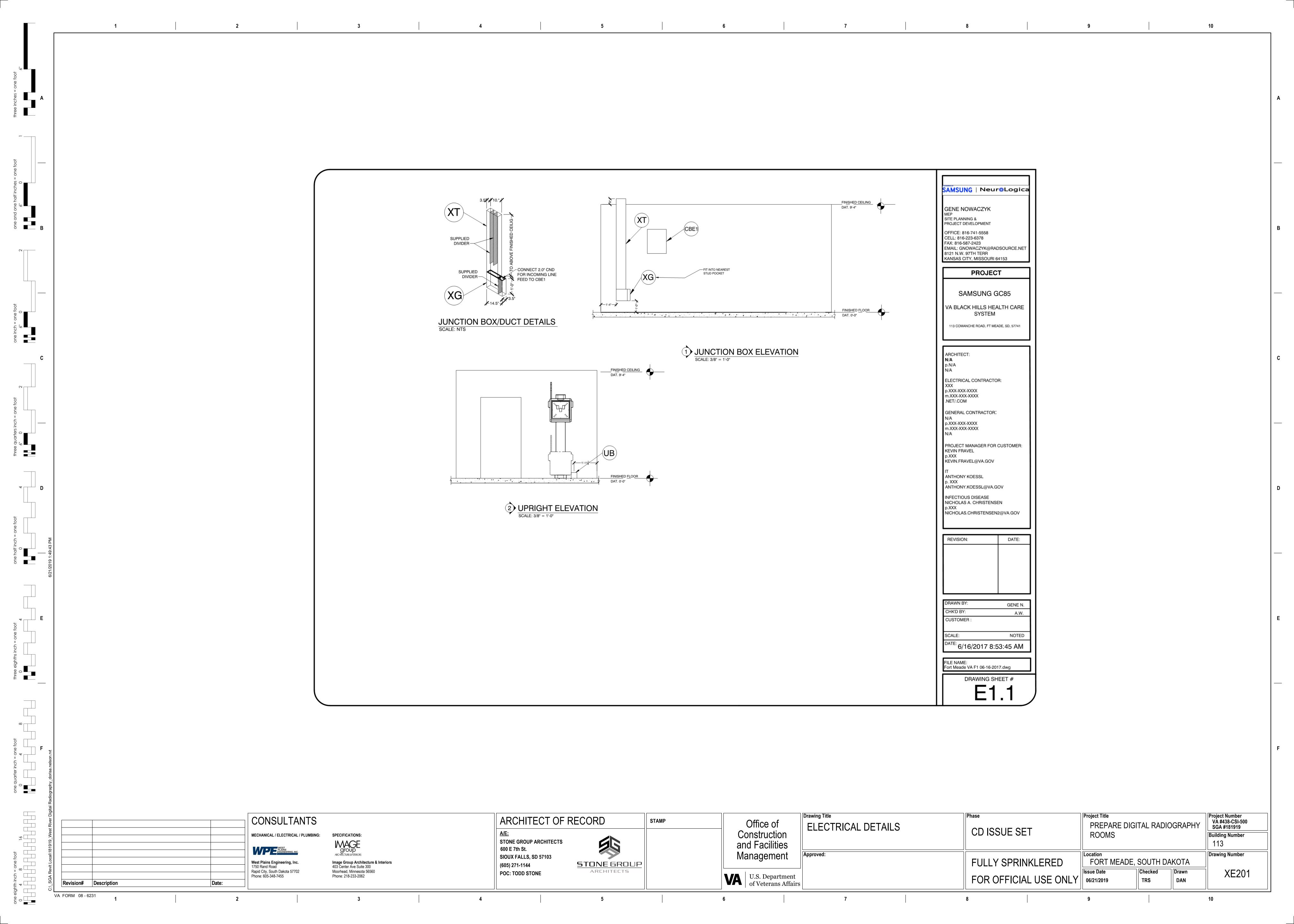
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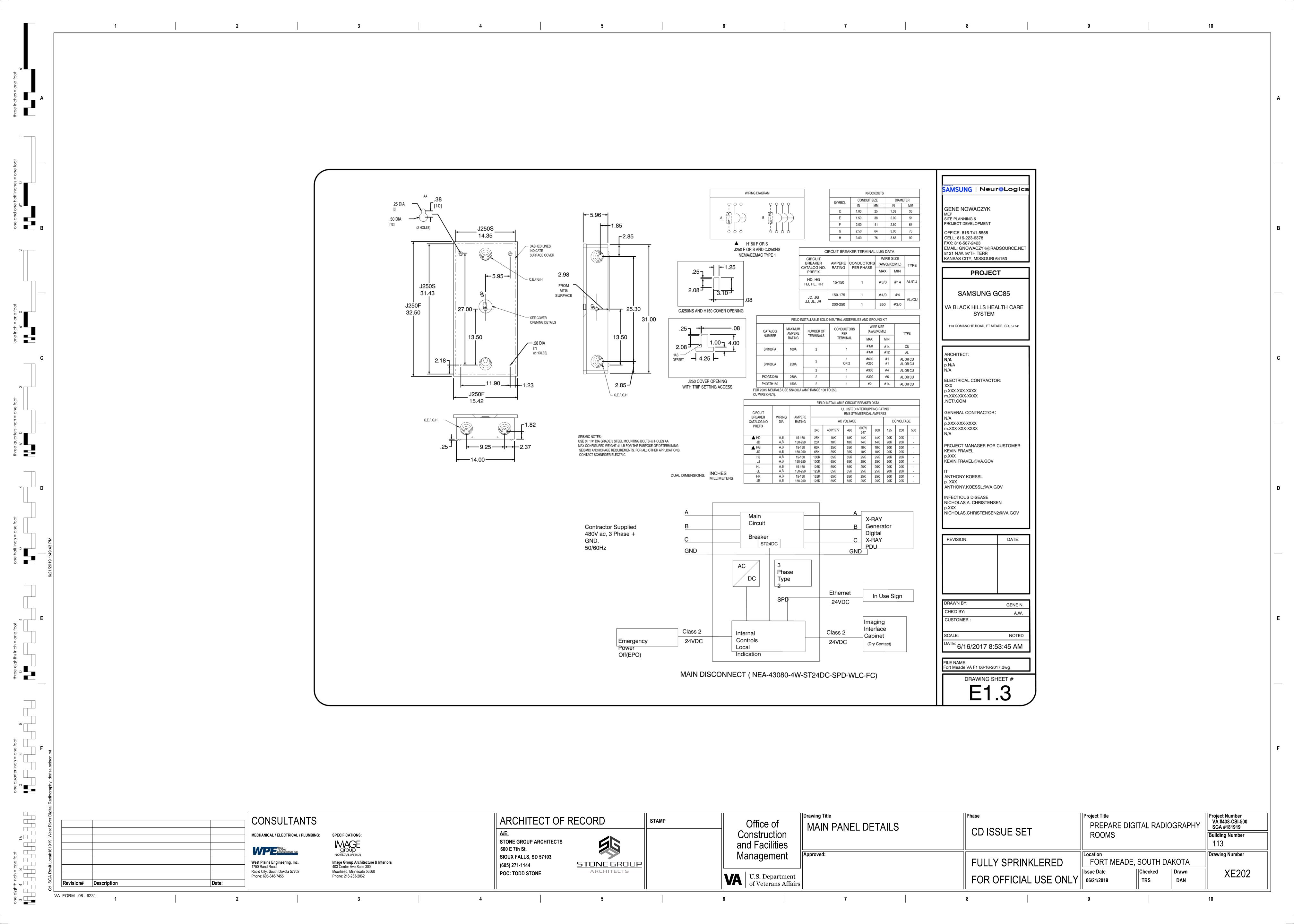
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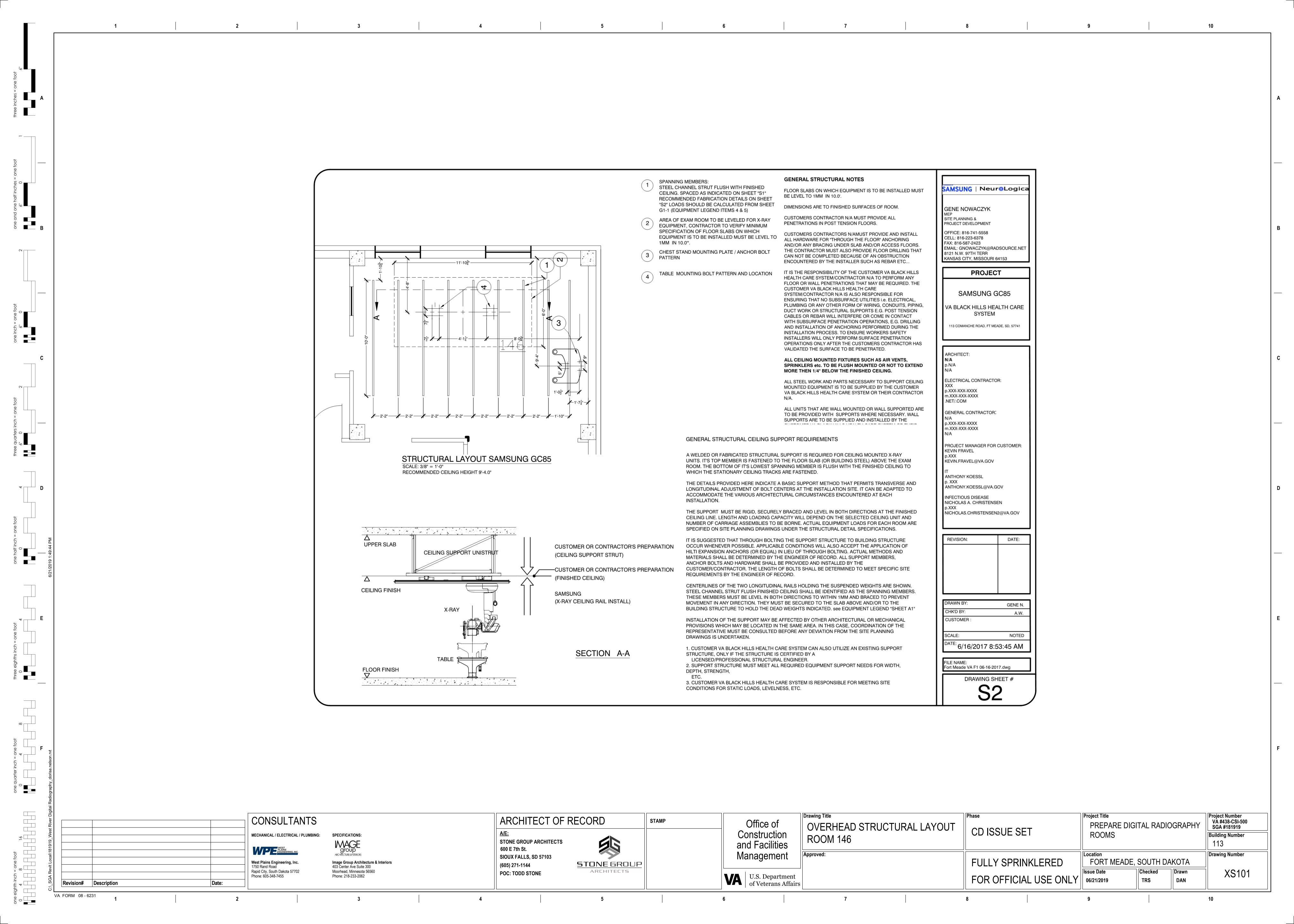
one eighth inch = one foot 0 4 8 16

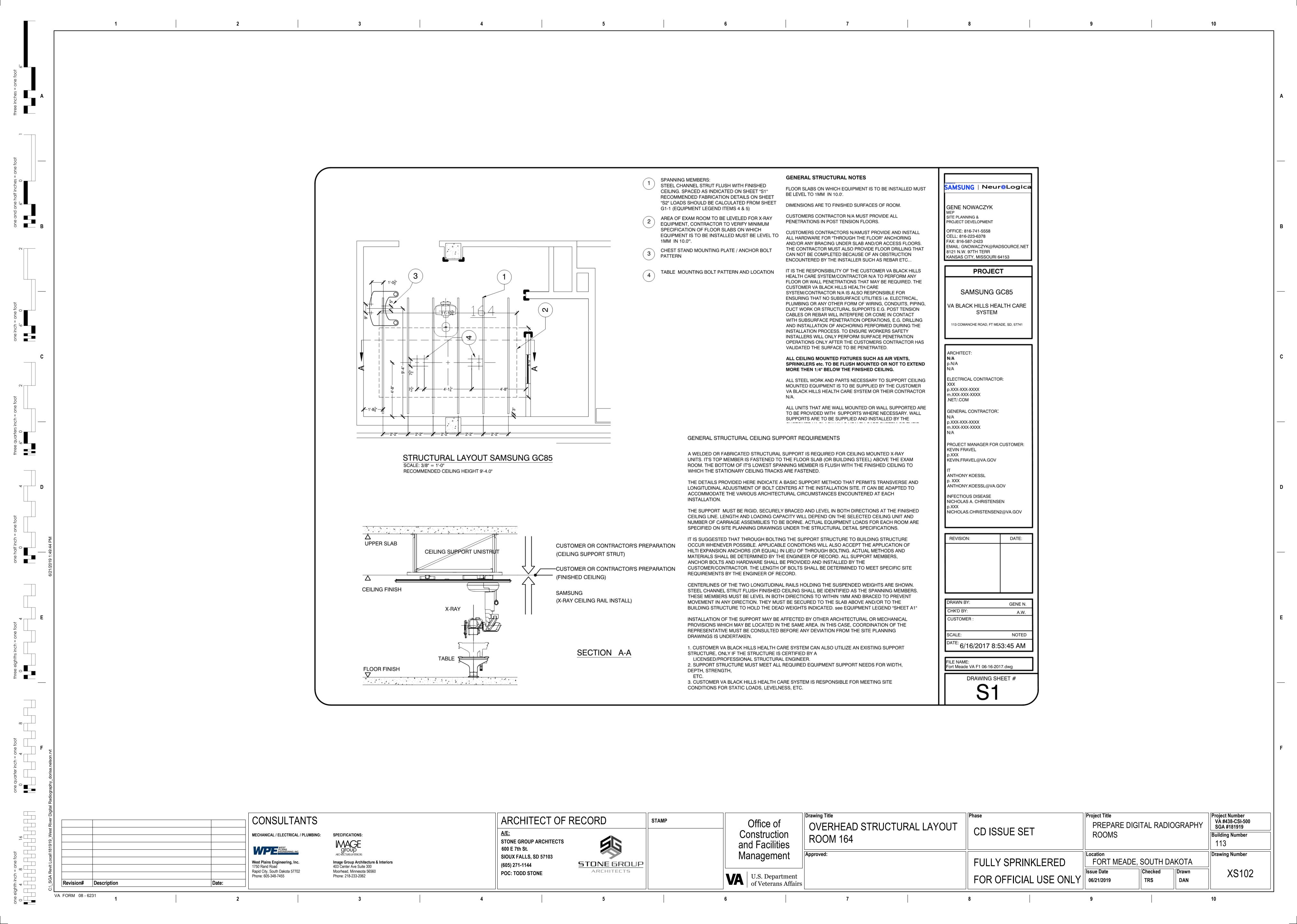
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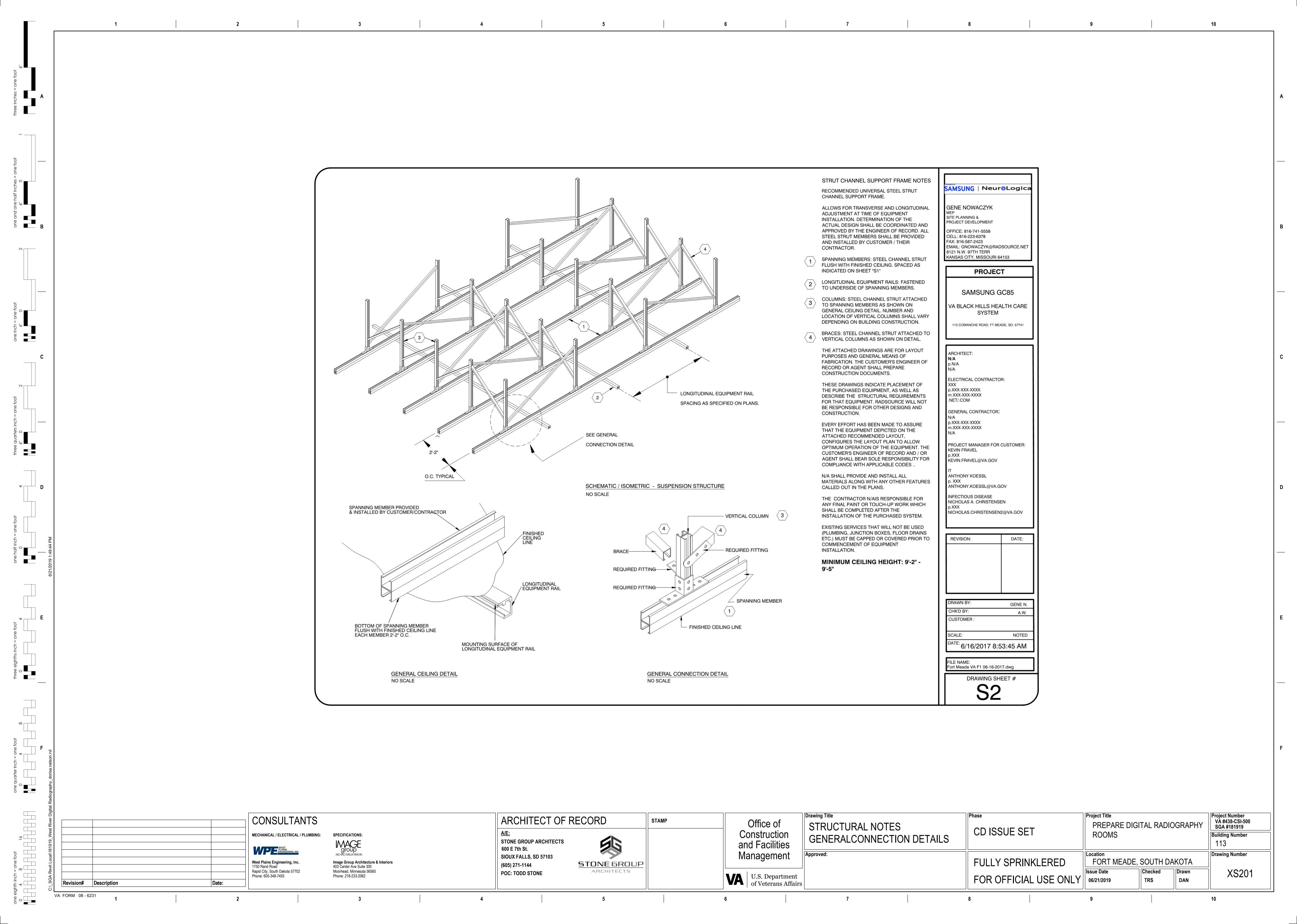
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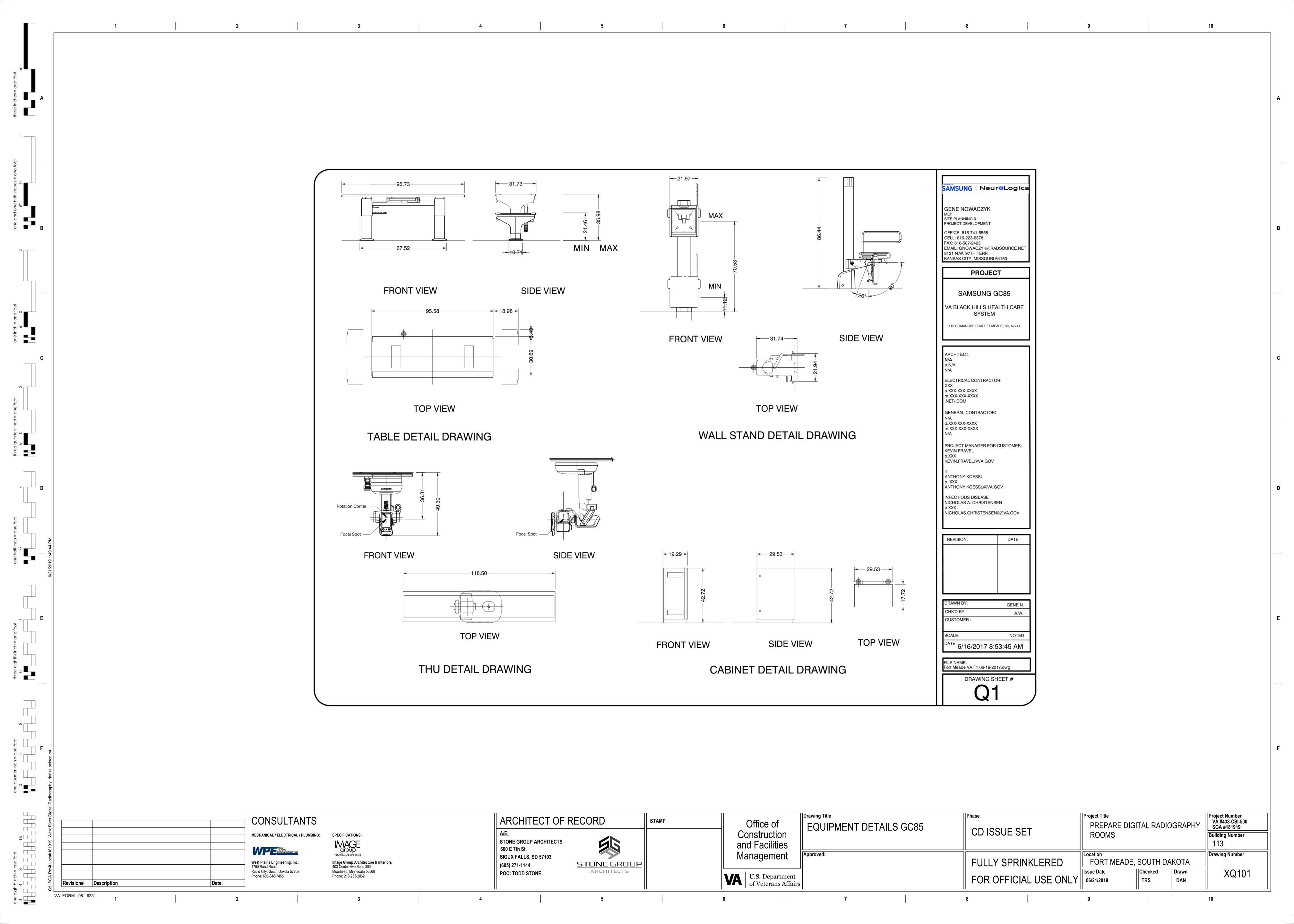


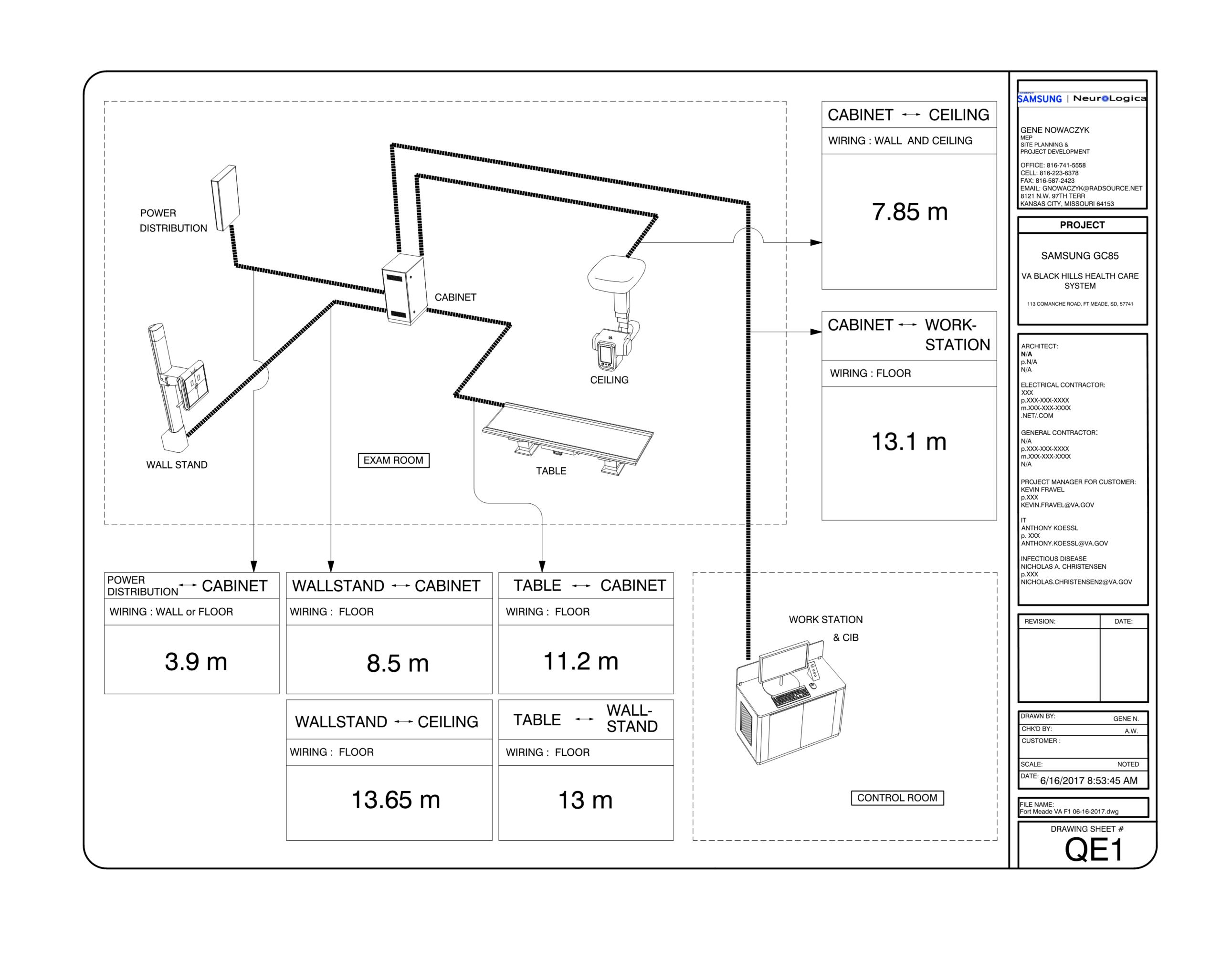


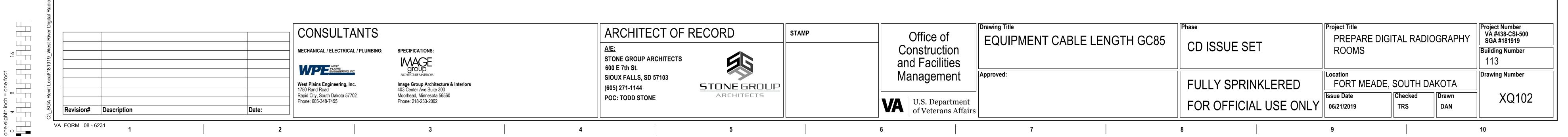














IMAGING SOLUTIONS

SHEET INDEX					
SHEET NUMBER	SHEET DESCRIPTION				
NI	GENERAL NOTES				
N2	SITE READINESS NOTES				
Al	EQUIPMENT LAYOUT				
A2	TABLE AND STAND MOUNT				
CS1 & CS2	CEILING STRUCTURE				
Ε1	ELECTRICAL REQUIRED				
E2	ELECTRICAL REQUIRED				
E3	ELECTRICAL REQUIRED				

GENERAL NOTES

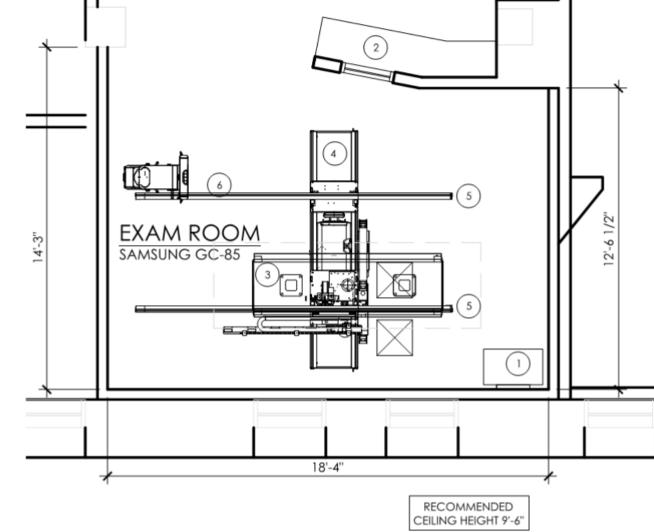
- . THESE DRAWINGS ARE FOR INFORMATION PURPOSES ONLY. DRAWINGS SUGGESTS LOCATION OF X-RAY EQUIPMENT AND ASSOCIATED DEVICES, ELECTRICAL DETAILS AND ROOM LAYOUT. THE PREPAIRER OF THESE PLANS CANNOT ACCEPT RESPONSIBILITY FOR ANY CHANGES TO THE EQUIPMENT OR THE ROOM OR ANY DAMAGES RESULTING FROM. ACTUAL CONSTRUCTION DRAWINGS SHOULD BE PROVIDED BY CUSTOMERS ARCHITECT OR GENERAL CONTRACTOR. EVERY EFFORT IS MADE TO GIVE ACCURATE DETAIL OF ACTUAL EQUIPMENT TO BE INSTALLED.
- 2. IMAGING SOLUTIONS IS ONLY RESPONSIBLE FOR INSTALLATION OF IMAGING EQUIPMENT PURCHASES FROM OR CONTRACTED FOR IMAGING SOLUTIONS. ROOM PREPARATION INCLUDING NECESSARY CONSTRUCTION, NETWORKING AND SHIELDING TO BE SUPPLIED BY OTHERS.
- 3. CUSTOMER AND GENERAL CONTRACTOR ARE RESPONSIBLE FOR PREPARING THE ROOM AND COSTS
- 4. CUSTOMER AND GENERAL CONTRACTOR ARE RESPONSIBLE FOR ALL, BUT NOT LIMITED TO, BUILDING,
- ELECTRICAL, CONTRACTING, PROFESSIONAL FEES AND PERMITS. 5. CUSTOMER IS RESPONSIBLE FOR OBTAINING LEAD SHIELDING REQUIREMENTS FROM A LICENSED
- PHYSICIST PER STATE AND/OR LOCAL REGULATION 6. CUSTOMER IS RESPONSIBLE FOR LIGHTING (NOT ON THIS PLAN). DIMMING LIGHTS MUST BE PROVIDED
- IN X-RAY AND CONTROL ROOMS BY ARCHITECT PLAN OR ELECTRICAL CONTRACTOR. 7. CEILING HEIGHT MUST BE MAINTAINED AS INDICATED ON THIS PLAN. IF UNOBTAINABLE CUSTOMER OR
- CONTRACTOR MUST NOTIFY IMAGING SOLUTIONS ALL DIMENSIONS ARE FROM FINISHED SURFACES UNLESS NOTED.

WALL STUDS WITH BACKING FLUSH WITH FACE OF STUDS.

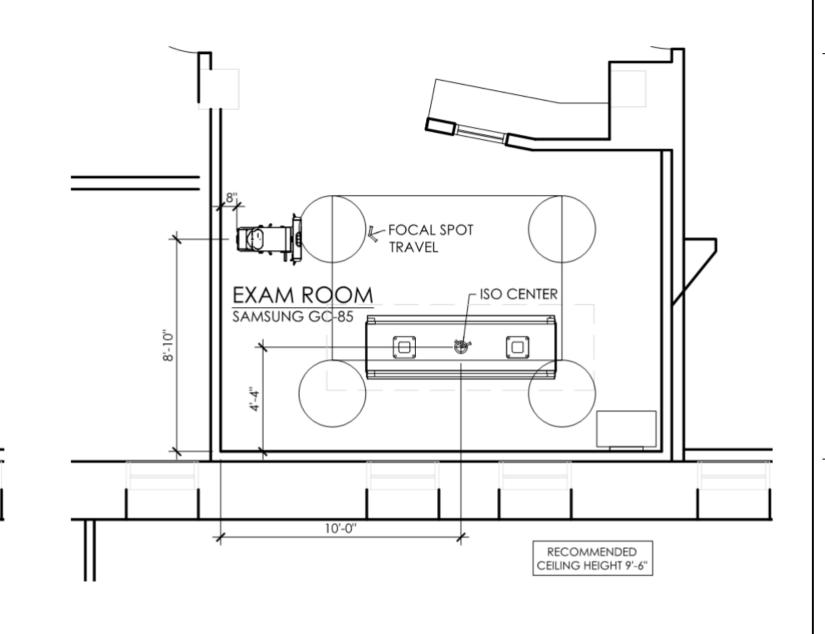
- 9. WALL BAKING FOR EQUIPMENT SUPPORT TO BE MINIMUM OF 1/2" WOOD SECURED TO MINIMUM OF 3
- 10. CONSTRUCTION MUST COMPLY WITH BUILDING CODES.
- 11. CUSTOMER IS RESPONSIBLE FOR FURNISHING AND INSTALLATION AT CUSTOMERS EXPENSE OF ELECTRICAL JUNCTION BOXES, TROUGH, CONDUIT, BUSHINGS, WIRE DUCT, COVER PLATES, MAIN SWITCHES, PANEL BOARDS, WIRES, UNISTRUT (WALL FLOOR OR CEILING), OR ANY SATISFACTORY INSTALLATION OF X-RAYEQUIPMENT.
- 12. IMAGING SOLUTIONS MUST PROVIDE A SIGNED PURCHASE ORDER PRIOR TO ANY WORK OR MATERIALS PROVIDED AT IMAGING SOLUTIONS EXPENSE. IMAGING SOLUTIONS ASSUMES NO RESPONSIBILITY FOR ANY CONSTRUCTION COSTS RELATED OR NOT RELATED TO THE INSTALLATION OF ANY X-RAY EQUIPMENT.

SITE READINESS NOTES

- 1. TO ENSURE THE BEST ENSURE THE BEST ENVIRONMENT FOR INSTALLATION AND PROTECTION OF MECHANICAL EQUIPMENT, COMPUTERS, MONITORS, ELECTRICAL DEVICES, X-RAY TUBES, IMAGE INTENSIFIERS, AND CAMERAS THE FOLLOWING GENERAL CONDITIONS ARE REQUIRED PRIOR TO DELIVERY. RESCHEDULING BY IMAGING SOLUTIONS MANAGEMENT COULD BE REQUIRED IF CONDITIONS ARE NOT
- 2. THE CUSTOMER IS REQUIRED TO OBTAIN ALL PERMITTING, SHIELDING AND APPROVALS REQUIRED BY LOCAL OR STATE GOVERNING AGENCIES. 3. CONSTRUCTION COMPLETE WITH LEAD BARRIORS INSTALLED, DOORS HUNG, FLOOR
- COVERING INSTALLED, CEILING COMPLETED, WALLS COMPLETE AND PAINTED. 4. A DUST FREE ENVIRONMENT MUST BE KEPT IN THE X-RAY, CONTROL AND
- SURROUNDING ROOMS.
- 5. HVAC COMPLETED, TESTED AND FUNCTIONING PRIOR TO DELIVERY. 6. POWER AT DESIGNATED PANEL AND EQUIPMENT PRIOR TO DELIVERY. 7. ALL CONDUIT, TROUGH, JUNCTION BOXES, WIRE RACEWAYS INSTALLED
- ACCORDINGLY
- 8. LIGHTING TO BE INSTALLED AND FUNCTIONING. 9. BASE PLATES, REINFORCEMENT PLATES, OVERHEAD GRID INSTALLED AS DESIGNATED. IT IS THE RESPONSIBILITY OF THE CUSTOMERS DESIGN ENGINEER TO RECOMMEND
- METHODS OF ANCHORING AND ATTACHING IMAGING SOLUTIONS EQUIPMENT. 10. NETWORK, NETWORK DROPS, PACS, ROUTERS, COMPUTERS, PROCESSORS, PRINTERS, LAST IMAGERS, AND/OR CAMERAS ARE INSTALLED AND TESTED FUNCTIONAL PRIOR TO INSTALL. CUSTOMER IS RESPONSIBLE FOR OBTAINING AND MAINTAINING ANY AND ALL BACK-UP POWER, ANTI-VIRUS SOFTWARE, FIREWALLS, OR OTHER SOFTWARE AND HARDWARE. IMAGING SOLUTIONS WILL CONNECT TO CUSTOMERS NETWORK BUT ASSUMES NO RESPONSIBILITY FOR THE NETWORK RELATED PROBLEMS. IMAGING SOLUTIONS IS NOT RESPONSIBLE FOR COMPUTER ISSUES DUE TO CUSTOMER OR
- PATIENTS UNAUTHORIZED US OR INSTALLATION OF COMPUTER PROGRAMS FOR THE PERSONAL USE. 11. IMAGING SOLUTIONS SUPPLIED SERVERS ARE NOT TO HAVE UPDATES INSTALLED
- WITHOUT IMAGING SOLUTIONS PRIOR CONSENT. VPN AND PHONE SERVICE MUST BE 12. A CLEAR, UNOBSTRUCTED, PATH INCLUDING ROOM ENTRY MUST BE PROVIDED BY THE
- CUSTOMER FOR DELIVERY. 13. REMOVAL OF OLD EQUIPMENT IS A SEPARATE SERVICE. PLEASE CONTACT IMAGING
- SOLUTIONS FOR ALL YOUR X-RAY NEEDS.



			COMMENDED ING HEIGHT 9'-	I .
Ω	1 SAMSUNG GENERATOR CABINET	29.5"L 19.3"W 43"H	220 LBS	11,798 BTU
EQUIPMENT LEGEND	2 SAMSUNG XGEO WORKSTATION	21"L 15"W	85 LBS	1200 BTU
	3 SAMSUNG TABLE	96"L 32"W VARIABLE H	484 LBS	120 BTU
	4 SAMSUNG 3M METER BRIDGE	118"L 24"W VARIABLE H	800LBS	873
	5 SAMSUNG 4M CEILING RAILS	157"L	Х	N/A BTU
Ä	6 SAMSUNG TILTING WALL STAND	25"L 32"W 87"H	330 LBS	120 BTU



USE APPROPRIATE ANCHORS AND WASHERS TO MOUNT TO THE FLOOR. USE OF ANY SMALLER SIZE MAY CAUSE THE BASE TO BREAK FREE FROM THE FLOOR UNDER EXTREME LOAD AND LEVERAGE CONDITIONS.

IT IS UP TO THE INSTALLER AND THE CUSTOMER TO DETERMINE THE BEST METHOD FOR MOUNTING THE BASE TO THE FLOOR. BEFORE MOUNTING THE BASE, CONSULT WITH THE BUILDING'S MAINTENANCE SUPERVISOR ABOUT DRILLING HOLES IN THE FLOOR. MAKE SURE THAT THERE ARE NO HAZARDS UNDER THE FLOOR SUCH AS PIPES, CONDUITS, OR STRUCTURAL CABLES WHICH CAN BE DAMAGED BY

DRILLING HOLES IN FLOOR.











DATE: 6/14/17

SHEET NUMBER:

SHEET NUMBER:

7 OF 10 SHEET

(605) 271-1144

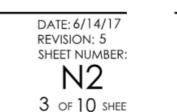
POC: TODD STONE

CS2

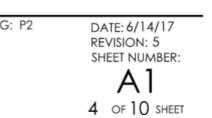
REVISION: 5

Ν1

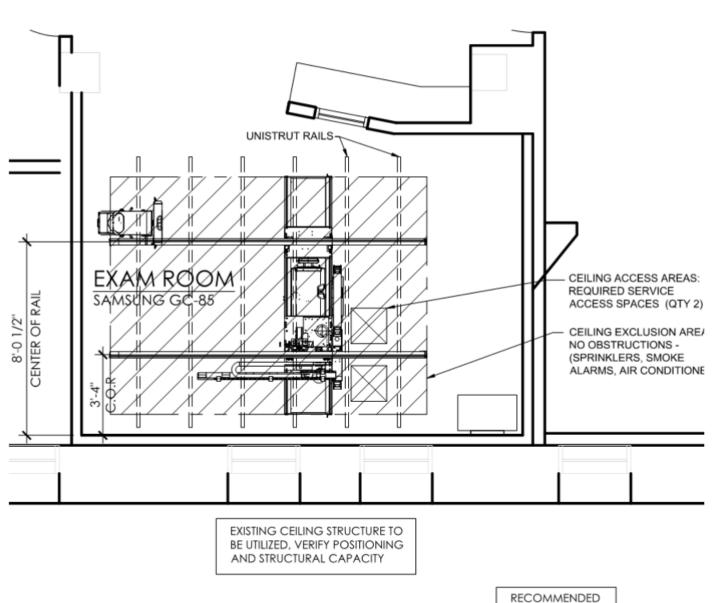












EQUIPMENT VENDOR OR VENDORS DESIGNER IS IN NO WAY responsible for the design or installation of TRUCTURAL SUPPORTS FOR ANY CEILING MOUNTED X-RAY EQUIPMENT. THESE DRAWINGS ARE FOR ILLUSTRATION PURPOSES ONLY. PURCHASE R OR GENERAL CONTRACTOR SHOULD CONSULT A STRUCTURAL ENGINEER AND/OR UNISTRUT REP TO COORDINATE SUPPORT STRUCTURE, ANY STRUCTURAL DETAILS SHOWN ARE FOR EXAMPLE ONLY AND NOT TO BE USED FOR ACTUAL CONSTRUCTION. ENTIRE CEILING STRUCTURE MUST BE ABLE TO WITHSTAND 1.2 TONS.

CEILING HEIGHT 9'-6"

IMAGING SOLUTIONS 3223 32nd Ave South, Suite 201 Fargo, North Dakota 58103 Phone: (701) 297-0305 SHEET TITLE: Fax: (701) 235-4847 www.imagingsolutionsinc.com

| Revision# | Description

VA FORM 08 - 6231

one eighth inch = one foot 0.04 0

STRUCTURAL SUPPORT TO BE DESIGNED, SUPPLIED

ALL HARDWARE FOR CEILING MOUNTED X-RAY

RIGID AND UNABLE TO SWAY/BUCKLE/BEND AT

SQUARE, PARALLEL AND COPLANER TO ITSELF.

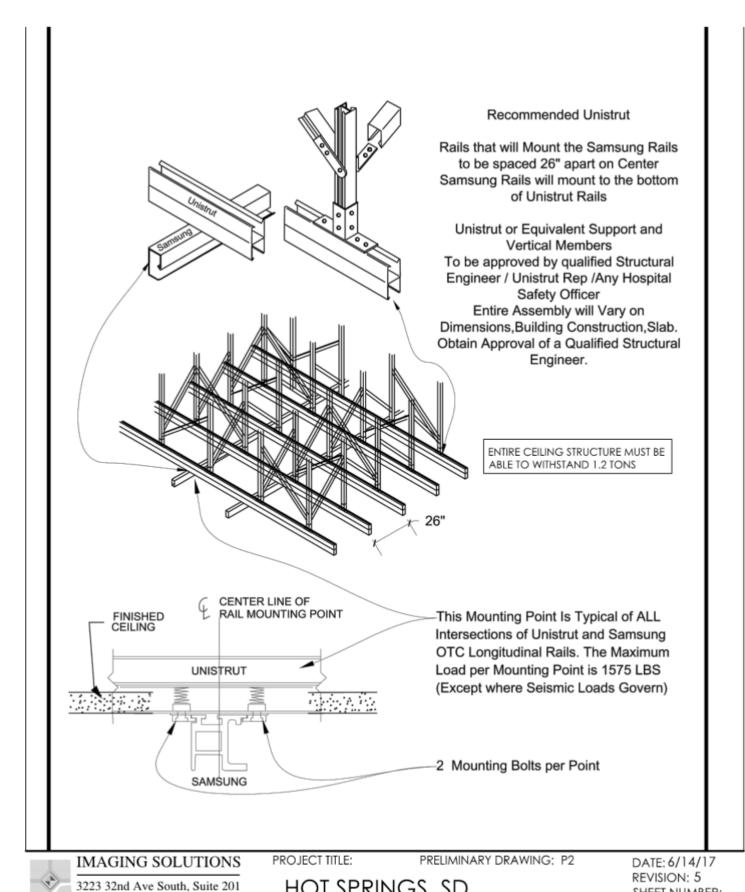
EQUIPMENT. STRUCTURAL SUPPORT MUST BE

ANY POINT. SUPPORT ALSO MUST BE LEVEL,

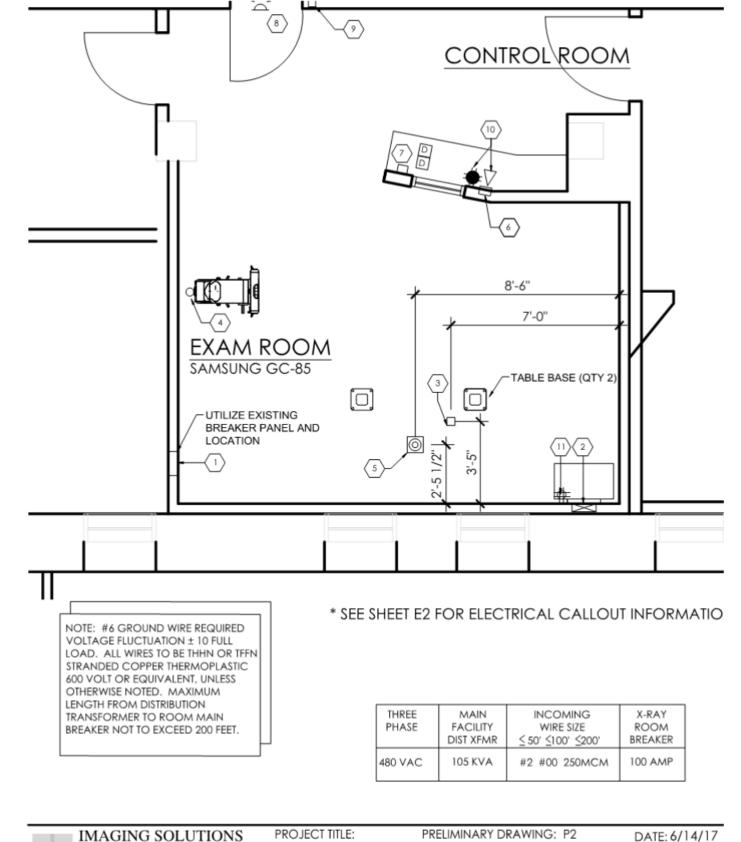
AND INSTALLED BY GENERAL CONTRACTOR WITH

PROJECT TITLE: **CEILING STRUCTURE**

DATE: 6/14/17 REVISION: 5 SHEET NUMBER: CS1

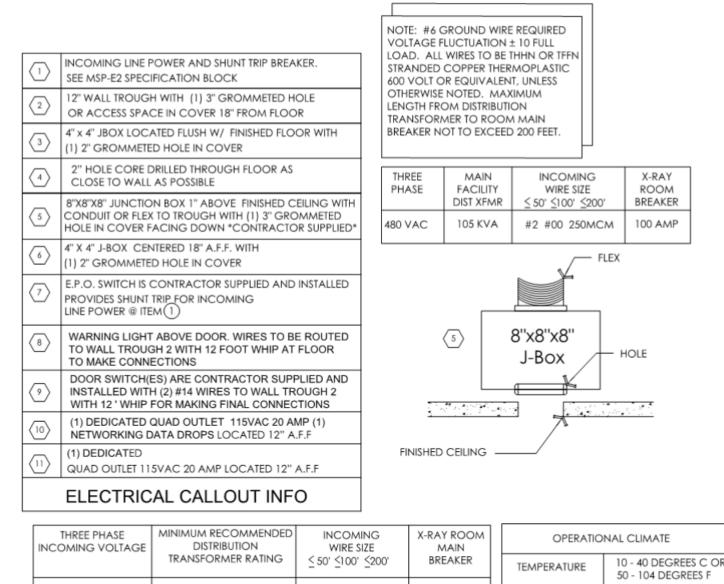


CEILING STRUCTURE





STAMP



COMING VOLTAGE	DISTRIBUTION	WIRE SIZE	MAIN	OPERATIONAL CLIMATE				
	TRANSFORMER RATING	≤ 50' ≤100' ≤200'	BREAKER	TEMPERATURE	10 - 40 DEGREES C (50 - 104 DEGREES F			
480 VAC	105 KVA	#2 #00 250MCM	100 AMP	HUMIDITY	30% - 75%			
CONTRACTOR TO SU	PPLY POWER WIRES	NOTE: #6 GROUNI	O WIRE REQUIRED	PRESSURE	70 kPa - 106 kPa			
NECESSARY FROM RO GENERATOR	DOM BREAKER TO							
VOLTAGE FLUCTUATION	ON ±10% FULL LOAD.							
*** W#DEC TO BE THE	N OD TEEN STRANDED							

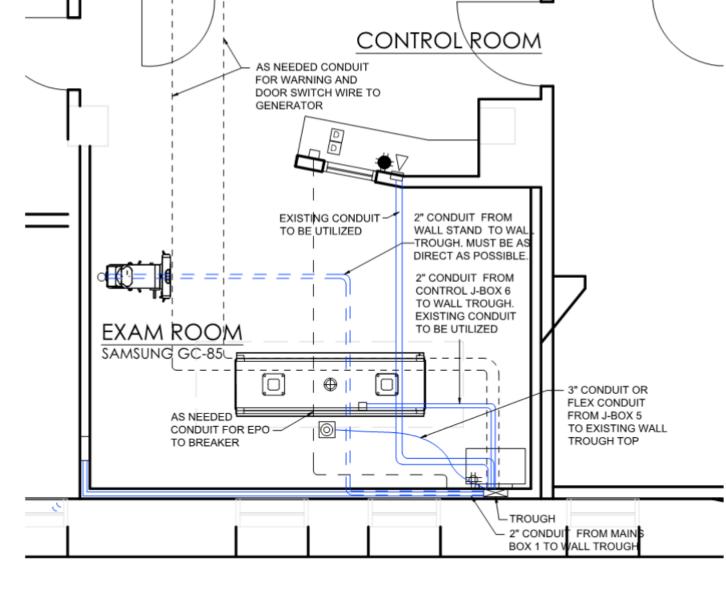
ALL WIRES TO BE THHN OR TEEN STRANDED COPPER THERMOPLASTIC 600 VOLT OR EQUIVALENT, UNLESS OTHERWISE NOTED. MAXIMUM LENGTH FROM DISTRIBUTION TRANSFORMER TO ROOM MAIN BREAKER NOT TO EXCEED 200'. IMAGING SOLUTIONS PROJECT TITLE: PRELIMINARY DRAWING: P2 3223 32nd Ave South, Suite 201 Fargo, North Dakota 58103

ELECTRICAL REQUIRED

Phone: (701) 297-0305 SHEET TITLE:

Fax: (701) 235-4847

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* SEE SHEET E2 FOR WIRE INFORMATION

ELECTRICAL REQUIRED

PRELIMINARY DRAWING: P2

DATE: 6/14/17

SHEET NUMBER:

10 OF 10 SHEET

revision: 5

PROJECT TITLE:

CONSULTA

WEST PLAINS ENGINEERING, INC West Plains Engineering, Inc 1750 Rand Road Rapid City, South Dakota 57702

Phone: 605-348-7455

Moorhead, Minnesota 56560 Phone: 218-233-2062

ARCHITECT OF RECORD STONE GROUP ARCHITECTS 600 E 7th St. SIOUX FALLS, SD 57103

STONE GROUP ARCHITECT5

Office of Construction and Facilities Management

HOT SPRINGS SAMSUNG EQUIPMENT SHEETS	Phase CD ISSUE SET	Project Title PREPARE DIGI ROOMS	TAL RADIC	GRAPHY	Project Number VA #438-CSI-500 SGA #181919 Building Number 113
Approved:	FULLY SPRINKLERED FOR OFFICIAL USE ONLY	Location FORT MEADE, Issue Date 06/21/2019	SOUTH DA	KOTA Drawn DAN	Drawing Number XZ101

IMAGING SOLUTIONS

3223 32nd Ave South, Suite 201

www.imagingsolutionsinc.com

Fargo, North Dakota 58103

Fax: (701) 235-4847

Phone: (701) 297-0305 SHEET TITLE:

DATE: 6/14/17

SHEET NUMBER:

9 OF 10 SHEET

REVISION: 5

ANTS MECHANICAL / ELECTRICAL / PLUMBING:

SPECIFICATIONS: MAGE group archifecture & interiors Image Group Architecture & Interiors 403 Center Ave Suite 300

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U.S. Department of Veterans Affairs