

Revision# Description

one eighth inch = one foot 0 4 8 16

VA FORM 08 - 6231

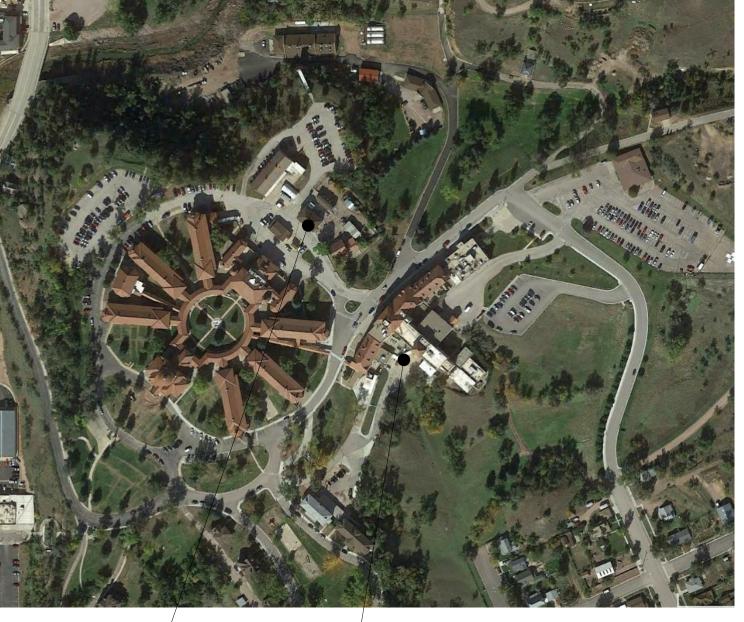
Date:

Rapid City, South Dakota 57702

Phone: 605-348-7455

Rapid City, South Dakota 57702

Phone: 605-343-9606



ENGINEERING — PROJECT LOCATION — VA BLACK HILLS HEALTH CARE SYSTEM OFFICE OF CONSTRUCTION AND FACILITIES MANAGEMENT HOT SPRINGS HOT SPRINGS, SD 57747

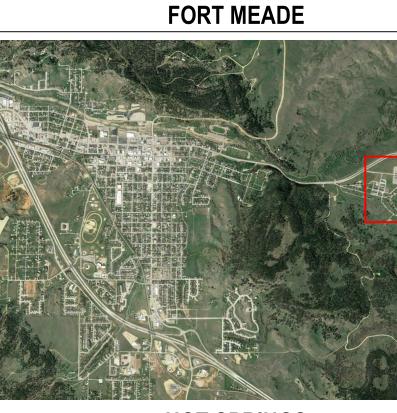
ARCHITECT OF RECORD

<u>A/E:</u> **STONE GROUP ARCHITECTS** 600 E 7TH STREET SIOUX FALLS, SD 57103 605-271-1144 TODD STONE

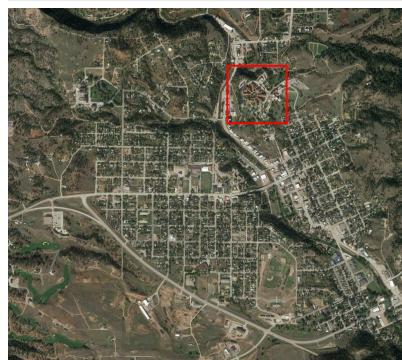
4



5



**HOT SPRINGS** 



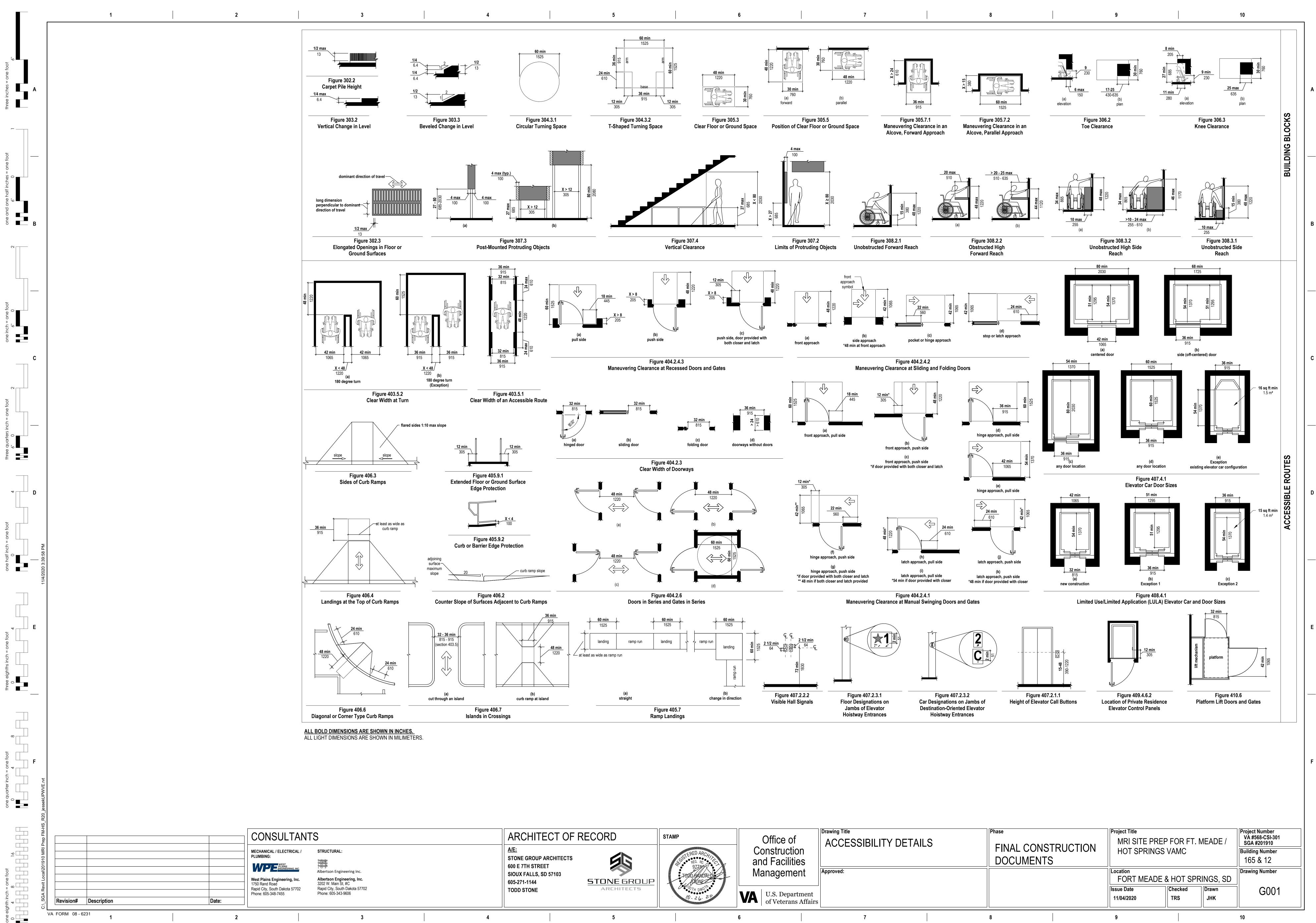


_		SYMBOLS LE	EGEND					SHEET IND	EX
		BATT INSULATION				01 - GENEF G000 G001	RAL COVER SHEET ACCESSIBILITY I	DETAILS	
		GYPSUM BOARD		CONTRACT LIMIT LINE		G002 G003	ACCESSIBILITY I		L NOTES, PCRA & IC
						02 - FORT M FM-AD101		T LEVEL DEMOLITION	PLAN & RCP
		EARTH		DEMOLITION LINE		FM-AE001 FM-AE101	FORT MEADE-1S	OUNDATION PLAN T LEVEL FLOOR PLAN	
		CONCRETE		EXISTING TO REMAIN		FM-AE120 FM-AE201	FORT MEADE-EL		NT PLAN
		RIGID INSULATION		FEATURE ABOVE LINE INDICATOR	R	FM-AE301 FM-AE310	FORT MEADE-W	IILDING SECTIONS ALL SECTIONS & DETA	AILS
		EXISTING CONSTRUCTION TO BE REMOVED		FIRE RESISTIVE RATED LINE, 1 HO	DUR	FM-AE311 FM-AE500	FORT MEADE-WA FORT MEADE-FII	ALL TYPES NISH PLANS & SCHED	ULES
		NEW CONSTRUCTION		FIRE RESISTIVE RATED LINE, 2 HO	DUR	FM-PD101 FM-PD102	FORT MEADE-CF	RAWLSPACE PLUMBIN T LEVEL PLUMBING/F	
		WOOD ROUGH (CONTINUOUS)		FIRE RATED, FIRE BARRIER LINE, 1 HOUR VERT. OPENING		FM-PP101	PLANS	RAWLSPACE PLUMBIN	
		WOOD ROUGH (SPACED)		FIRE RATED, FIRE/SMOKE BARRIEI	er line, 1 hour		MEADE MECHANICAI		
		PLYWOOD		FIRE RATED, FIRE/SMOKE BARRIEI	ER LINE. 2 HOUR	FM-MD101 FM-MD102	FORT MEADE-1S	RAWLSPACE MECHAN T LEVEL MECHANICA	L DEMOLTION PLAN
				FIRE RATED, SMOKE BARRIER LINI	·	FM-MH101 FM-MH102 FM-MJ101	FORT MEADE-1S	RAWLSPACE MECHAN T LEVEL MECHANICA ECHANICAL DETAILS,	L PLANS
		BLOCK WALL/VENEER					T MEADE ELECTRICA		
		DIMENSION LINE		FIRE RATED, SMOKE BARRIER LINI	IE, 2 HOUR	FM-EE102 FM-EE103	FORT MEADE 1S	T LEVEL LIGHTING PL T LEVEL POWER & SIG	AN
	· · · ·	BREAK LINE		HIDDEN LINE FEATURES		FM-EE104 FM-EE105		OBILE MRI POWER & S ECTRICAL SCHEDULE	
				NEW LINE		03 - HOT SF HS-AD101	HOT SPRINGS-E	XISTING SITE DEMOLI	TION PLAN
		DETAIL INDICATOR		PROPERTY LINE		HS-AE101 HS-AE102		TRUCTURAL NOTES	
			STUD SIZ	ZE DN MODIFIER (OPTIONAL)		HS-AE103 HS-AE104	HOT SPRINGS-F	TRUCTURAL TABLE DUNDATION & ROOF F	FRAMING PLAN
	/		AA a OR FIRE	RATING (OPTIONAL)		HS-AE301 HS-AE501 03.3 - HOT	HOT SPRINGS-S HOT SPRINGS -D SPRINGS ELECTRICA	ETAILS	
			<u>STUD SIZE OR CMU NOMIN</u> A = 3 5/8" MTL STUD, (1) LA			HS-EE101		ND LEVEL LIGHTING P	LAN
			B = 6" MTL STUD, (1) LAYER C = 2 1/2" MTL STUD, (1) LA	R GYP BD BOTH SIDES					
			F = FURRING						
			A = ONE SIDED G.W.B. B = $42$ " HIGH WALL C = $48$ " HIGH WALL						
	I	BUILDING SECTION INDICATOR	• SMOKE BARRIER	<u>ERS</u>					
X-XX			SOUND RATINGS     RATINGS						
	X		1 = 1 HOUR 2 = 2 HOUR						
X-XX	x-xx	ELEVATION INDICATOR, EXTERIOR	3 = 3 HOUR 4 = 4 HOUR						
	$\bullet$	ELEVATION INDICATOR							
	C		DRAWING TITLE	DRAWING BLOCK TITLE, TYPICAL					
	£	CENTER LINE	<u>∧ xx</u>		TIONS				
	×		X-XX	DETAIL INDICATOR FOR SMALL CONDIT	UUIO				
	(x-xx)	ELEVATION INDICATOR, INTERIOR, SINGLE VIEW	 CG	CORNER GUARD					
	v		FEC	FIRE EXTINGUISHER CABINET					
	X VVV	ELEVATION INDICATOR, INTERIOR MULTIPLE VIEW	XX	WALL OR PARTION TYPE					
	x-xx	LEVATION INDICATOR, INTERIOR MULTIPLE VIEW	$\langle \mathbf{x} \mathbf{x} \rangle$	KEYNOTE					
	X ·								
		V V ITEM - VA SUPPLIED & INSTALLED		COLUMN GRID					
		VC ITEM - VA SUPPLIED & CONTRACTOR INSTALLE	(A) D ROOM XX	ROOM NAME AND NUMBER					
	1			FURNITURE, FIXTURE, & EQUIPMENT IN	NDICATOR				
		CC ITEM - CONTRACTOR SUPPLIED & INSTALLED		DOOR OPENING/BORROWED LIGHT IDE					
			XX	DOON OF LINING/DORKOWED LIGHT IDE					
	NORTH	NORTH ARROW							
Drawing Title			Phase		Project Title				Project Numb
	SHEET						P FOR FT. N	MEADE /	VA #568-CS SGA #2019
				NSTRUCTION	HOT S	PRINGS	VAMC		Building Num
COVEN				0110					165 & 12
					Location				Drawing Num
Approved:					Location FORT	MEADE &	& HOT SPR	INGS, SD	Drawing Num

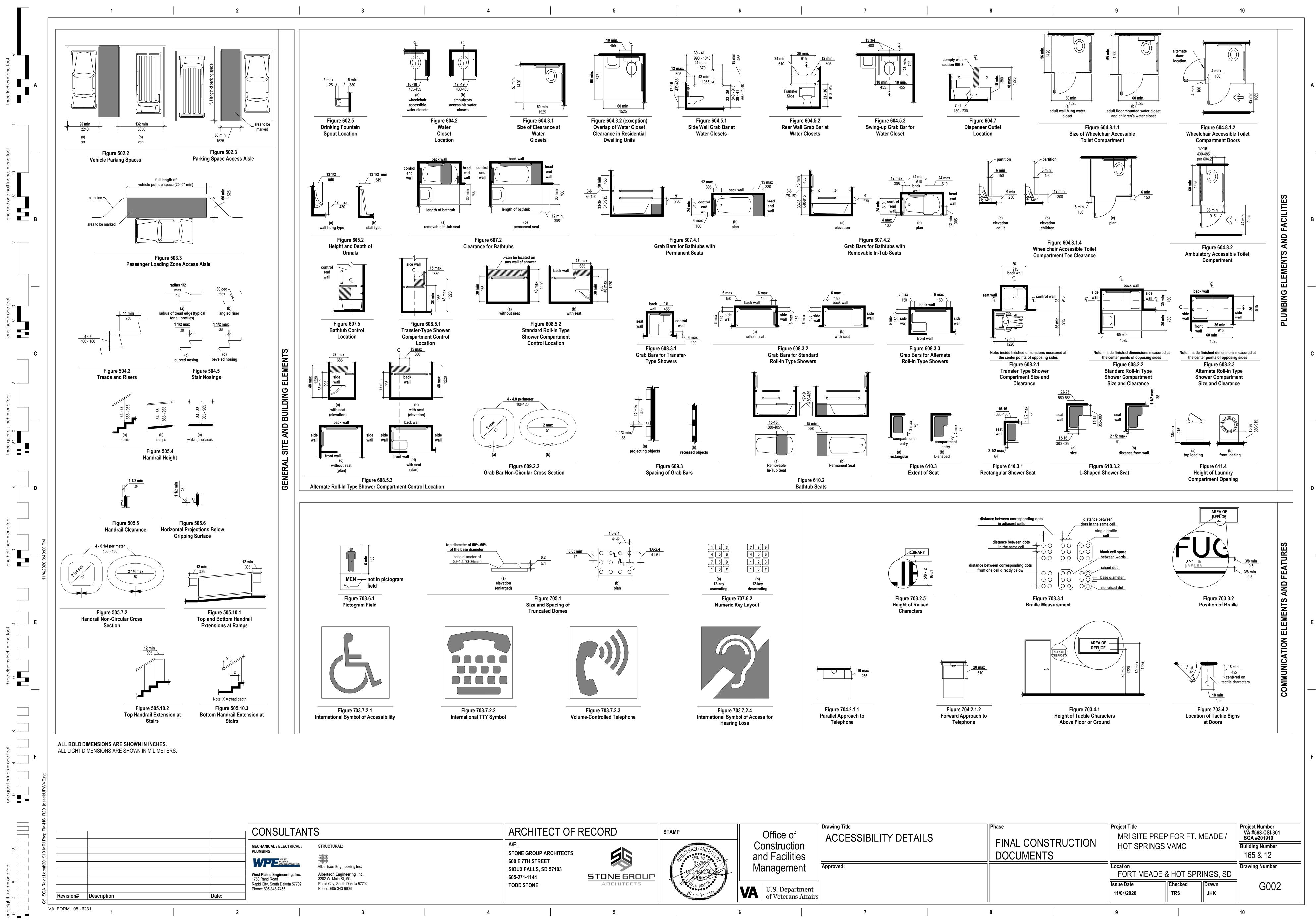
SHEET
IBILITY DETAILS
IBILITY DETAILS
FETY CODE REVIEW, GENERAL NOTES, PCRA & ICRA
EADE-1ST LEVEL DEMOLITION PLAN & RCP
EADE-FOUNDATION PLAN
EADE-1ST LEVEL FLOOR PLAN & RCP
EADE-ROOF PLAN & EQUIPMENT PLAN
EADE-ELEVATIONS
EADE-BUILDING SECTIONS
EADE-WALL SECTIONS & DETAILS
EADE-WALL TYPES
EADE-FINISH PLANS & SCHEDULES
JMBING
EADE-CRAWLSPACE PLUMBING DEMOLITION PLANS
EADE-1ST LEVEL PLUMBING/FIRE PROTECTION DEMOLITION
EADE-CRAWLSPACE PLUMBING PLANS
EADE-1ST LEVEL PLUMBING PLANS
HANICAL
EADE-CRAWLSPACE MECHANICAL DEMOLTION PLANS
EADE-1ST LEVEL MECHANICAL DEMOLTION PLANS
EADE-CRAWLSPACE MECHANICAL PLAN
EADE-1ST LEVEL MECHANICAL PLANS
EADE-MECHANICAL DETAILS, SCHEDULES AND SYMBOLS
ECTRICAL
EADE-1ST LEVEL ELECTRICAL DEMOLITION PLANS
EADE 1ST LEVEL LIGHTING PLAN
EADE-1ST LEVEL POWER & SIGNAL PLAN
EADE- MOBILE MRI POWER & SIGNAL
EADE-ELECTRICAL SCHEDULES AND DETAILS
RINGS-EXISTING SITE DEMOLITION PLAN
RINGS-SITE PLAN
RINGS-STRUCTURAL NOTES
RINGS-STRUCTURAL TABLE
RINGS-FOUNDATION & ROOF FRAMING PLAN
RINGS-SITE SECTIONS
RINGS -DETAILS

10

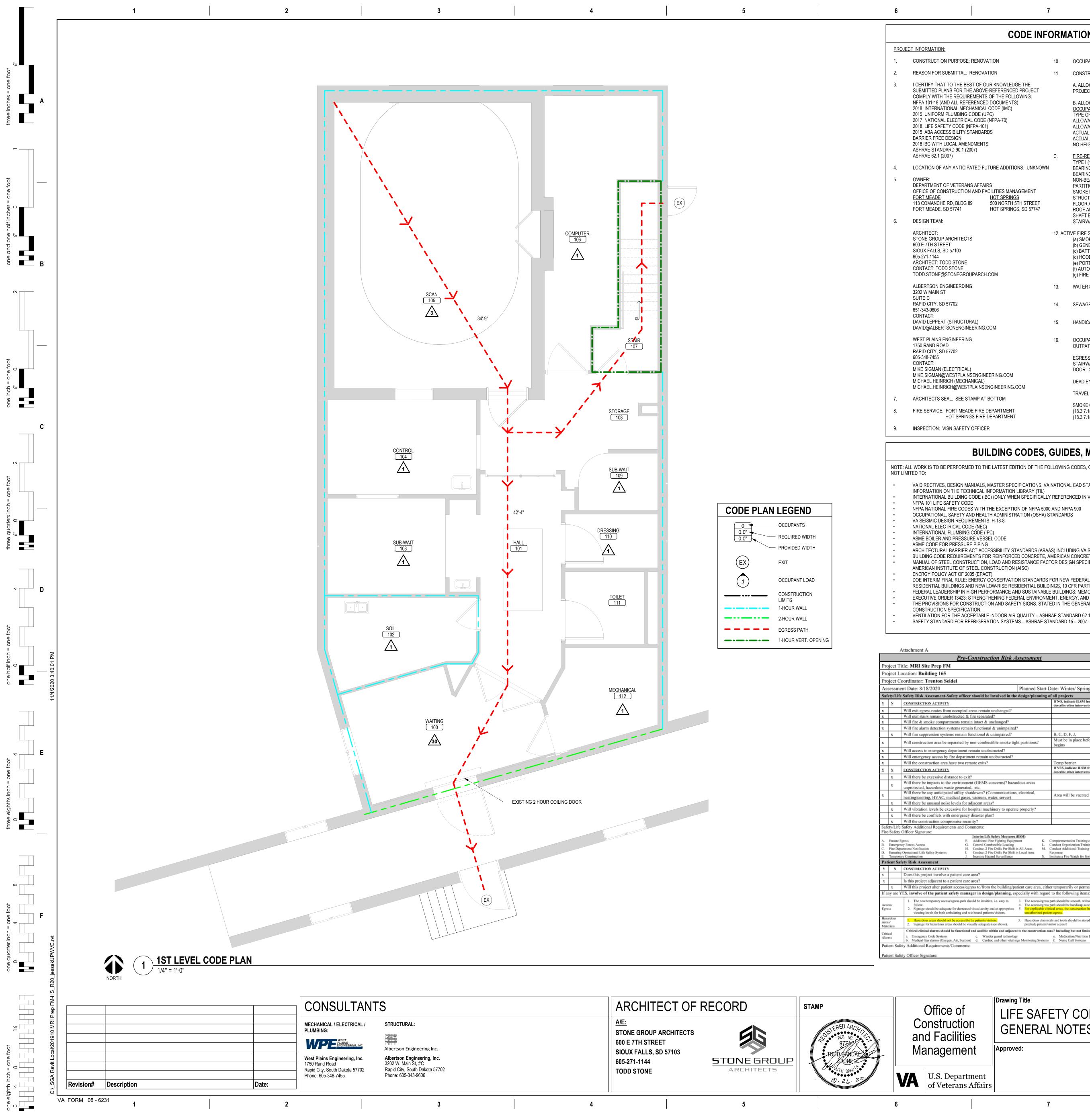
S-FOUNDATION & ROOF FRAM
S-SITE SECTIONS
S -DETAILS
RICAL



e of iction cilities	Drawing Title ACCESSIBILITY DETAILS	Phase FINAL CONSTRUCTION DOCUMENTS	Project Title MRI SITE PREP FOR HOT SPRINGS VAMC		
ement	Approved:		Location FORT MEADE &	3 HOT	
epartment erans Affairs			Issue Date 11/04/2020	Checked TRS	
	7	8	9		



e of	Drawing Title ACCESSIBILITY DETAIL	S		Project Title MRI SITE PREP FOR		
iction cilities			FINAL CONST DOCUMENTS		HOT SPRINGS	3 VAMC
ement	Approved:				Location FORT MEADE	& HOT
epartment erans Affairs					Issue Date 11/04/2020	Checked TRS
	7		8		9	



CODE INFO	JRM/	ATION		PROJECT GENERAL NOTES
N:				
			1.	CONTRACTOR IS NOT AUTHORIZED TO SCALE CONSTRUCTION DOCUMENTS. ARCHITECT IS TO BE NOTIFIED IN THE EVENT A
ON PURPOSE: RENOVATION	10.			DISCREPANCY IS FOUND IN EITHER SPECIFICATIONS OR CONTRACT DOCUMENTS AT THE EARLIEST PRACTICAL OPPORTUNITY.
	11.	CONSTRUCTION TYPE: TYPE I (111)		
AT TO THE BEST OF OUR KNOWLEDGE THE PLANS FOR THE ABOVE-REFERENCED PROJECT		A. ALLOWABLE FLOOR AREA FROM NFPA-101 PROJECT AREA: 11,335 SF	2.	GENERAL CONTRACTOR SHALL OBSERVE ALL REGULATIONS IMPOSED BY GOVERNING BODIES.
H THE REQUIREMENTS OF THE FOLLOWING: (AND ALL REFERENCED DOCUMENTS) ATIONAL MECHANICAL CODE (IMC)		B. ALLOWABLE HEIGHT CALCULATIONS OCCUPANCY - HEALTHCARE	3.	CONSTRUCTION SHALL PROCEED IN AN ORDERLY AND CONTINUOUS FASHION IN ACCORDANCE WITH THE INTERNATIONAL BUILDING CODES AND ALL OTHER APPLICABLE
M PLUMBING CODE (UPC) AL ELECTRICAL CODE (NFPA-70)		TYPE OF CONSTRUCTION: TYPE I (111) ALLOWABLE STORIES: 4	4.	CODES. THE CONTRACTOR SHALL CONTAIN ALL CONSTRUCTION ACTIVITY,
FETY CODE (NFPA-101) CESSIBILITY STANDARDS		ALLOWABLE HEIGHT: 160' ACTUAL STORIES: 2 STORIES W/ BASEMENT		INCLUDING STORAGE OF MATERIAL AND EQUIPMENT, WITHIN THE CONSTRUCTION LIMITS, AT ALL TIMES BEING RESPONSIBLE FOR AND ABIDING BY RULES AND REGULATIONS OF THE OWNER.
EE DESIGN H LOCAL AMENDMENTS NDARD 90.1 (2007)		ACTUAL HEIGHT: 31'-4" (EXISTING) NO HEIGHT MODIFICATIONS REQUIRED	5.	GENERAL CONTRACTOR TO BE RESPONSIBLE FOR REPAIRING ANY
(2007)	C.	FIRE-RESISTANCE RATING FOR BUILDING ELEMENTS: TYPE I (111)		AND ALL SURFACES DAMAGED BY HIMSELF OR SUBCONTRACTORS UNDER HIS CONTROL. REPAIRS ARE TO MATCH EXISTING MATERIALS AND MUST BE ACCEPTABLE TO OWNER.
F ANY ANTICIPATED FUTURE ADDITIONS: UNKNOWN		BEARING WALLS (EXTERIOR): 1 HR BEARING WALLS INTERIOR: 1 HR NON-BEARING WALLS (EXTERIOR): 0 HR	6.	ADEQUATELY PATCH/REPAIR TO MATCH ADJACENT CONSTRUCTION, ALL BUILDING STRUCTURES, COMPONENTS, AND UTILITIES WHICH ARE DISTURBED AND REQUIRE REPAIR AS A
T OF VETERANS AFFAIRS ONSTRUCTION AND FACILITIES MANAGEMENT <u>HOT SPRINGS</u>		PARTITIONS: 0 HR SMOKE BARRIERS BTWN SMOKE COMPARTMENTS: 1 HR STRUCTURAL FRAME:	7.	RESULT OF WORK PERFORMED UNDER THIS CONTRACT. ALL FLOOR TRANSITIONS BETWEEN DIFFERENT MATERIALS SHALL BE SMOOTH AND FLUSH (MAXIMUM SLOPE = 1/8" PER FOOT).
HE RD, BLDG 89         500 NORTH 5TH STREET           E, SD 57741         HOT SPRINGS, SD 57747		FLOOR AND FLOOR/CEILING: 1 HR ROOF AND ROOF/CEILING: 1 HR SHAFT ENCLOSURES: 2 HR	8.	GENERAL CONTRACTOR SHALL REMOVE ALL CONSTRUCTION DEBRIS FROM JOBSITE. ALL CONSTRUCTION DEBRIS SHALL BE
Л:		STAFT ENCLOSURES. 2 HR STAIRWAY CONSTRUCTION: 1 HR		CONTAINED INSIDE CONSTRUCTION LIMITS.
JP ARCHITECTS REET , SD 57103	12. ACTI	IVE FIRE SAFETY SYSTEMS (a) SMOKE DETECTORS THROUGHOUT (b) GENERATOR POWERED EMERGENCY LIGHTING (c) BATTERY POWERED EXIT LIGHTING	9.	ALL WALLS WITH ITEMS SUCH AS GRAB BARS, TOILET ACCESSORIES, WOOD TRIM, SHELVING, CASEWORK, ETC. SHALL BE REINFORCED WITH CONCEALED, FIRE TREATED WOOD BLOCKING OR METAL STUD BLOCKING. (GENERAL CONTRACTOR TO INSTALL BLOCKING TYP.)
TODD STONE DDD STONE @STONEGROUPARCH.COM		(d) HOOD SUPPRESSION SYSTEM (e) PORTABLE EXTINGUISHERS (f) AUTOMATIC AIR-HANDLING SHUT-DOWN (g) FIRE ALARM SYSTEM	10.	BUILDING 5 WILL REMAIN OCCUPIED THROUGHOUT THE CONSTRUCTION PERIOD. THE CONTRACTOR SHALL TAKE EVERY NECESSARY PRECAUTION TO ENSURE THE UNINTERRUPTED OPERATION OF THE FACILITY, STAFF, PATIENTS AND VISITORS.
ENGINEERDING ST	13.	WATER SUPPLY: CITY OF FORT MEADE CITY OF HOT SPRINGS		DISRUPTION TO ADJACENT DEPARTMENTS AS WELL AS DEPARTMENTS ON FLOORS ABOVE OR BELOW SHALL BE COORDINATED WITH THE FACILITY CONTRACT OFFICER. THE CONTRACTOR SHALL COORDINATE ALL WORK, CONSTRUCTION,
SD 57702	14.	SEWAGE TREATMENT: CITY OF FORT MEADE CITY OF HOT SPRINGS		PATHWAYS, ELEVATOR USAGE, AND UTILITY INTERRUPTION WITH THE OWNER.
RT (STRUCTURAL) RTSONENGINEERING.COM	15.	HANDICAP PROVISIONS: ACCESSIBLE ROUTE LAVATORIES AND SIGNAGE	11.	CONTRACTOR TO EXERCISE ALL PRECAUTIONS TO PROVIDE FOR STAFF, PATIENTS, VISITORS, AND WORKMEN'S SAFETY DURING THE PERFORMANCE OF THIS CONTRACT PER EPA, OSHA, AND OTHER APPLICABLE CODES, STANDARDS, AND REGULATIONS.
S ENGINEERING OAD	16.	OCCUPATIONAL LOAD: OUTPATIENT INSTITUTIONAL: 150 SF/PERSON GROSS	12.	THE CONTRACTOR SHALL MAINTAIN & KEEP BARRIER FREE THE EXISTING MEANS OF EGRESS.
SD 57702		EGRESS CAPACITY:	13.	ALL GYPSUM BOARD TO BE MOISTURE/MOLD RESISTANT TYPE X.
		STAIRWAY: .3 IN./PERSON DOOR: .2 IN./PERSON	14.	THE CONTRACTOR IS RESPONSIBLE FOR CONSTRUCTION OF TEMPORARY PARTITIONS AND TEMPORARY VENTILATION SYSTEMS AS REQUIRED TO PREVENT THE SPREAD OF DUST FROM
I@WESTPLAINSENGINEERING.COM NRICH (MECHANICAL) NRICH@WESTPLAINSENGINEERING.COM		DEAD END CORRIDORS: NOT TO EXCEED 50 FT		THE CONSTRUCTION AREA TO OCCUPIED AREAS OF THE BUILDING. OCCUPIED AREAS SHALL REMAIN DUST FREE
SEAL: SEE STAMP AT BOTTOM		TRAVEL DISTANCE TO EXIT: 200 FT		THROUGHOUT THE CONSTRUCTION. THE CONTRACTOR SHALL MAINTAIN THE AFFECTED AREAS OF THE BUILDING (INCLUDING MATERIAL TRANSPORT ROUTES) CLEAN AND DUST FREE.
E: FORT MEADE FIRE DEPARTMENT HOT SPRINGS FIRE DEPARTMENT		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	15.	ALL WOOD USED IN WALL CONSTRUCTION SHALL BE FIRE- RETARDANT-TREATED LUMBER.
VISN SAFETY OFFICER			16.	ALL WRITTEN CORRESPONDENCE WILL BE TRANSMITTED FROM SUBCONTRACTOR THROUGH GENERAL CONTRACTOR THROUGH ARCHITECT TO OWNER. ALL PARTIES CORRESPONDENCE ARE TO
				RECEIVE WRITTEN AND SIGNED COPIES OF SUCH. <u>NO VERBAL</u> AGREEMENTS AFFECTING COST OR ALTERNATIVE CONSTRUCTION METHODS AND ARRANGEMENTS WILL BE CONSIDERED VALID OR BINDING AND ARE THEREFORE DISALLOWED.
BUILDING CODES, C			17.	BINDING, AND ARE THEREFORE, DISALLOWED. GENERAL CONTRACTOR SHALL COMPLY WITH ALL DIRECTIVES OF
BE PERFORMED TO THE LATEST EDITION OF THE FOL	LOWING	G CODES, ORDINANCES, AND LAWS WHICH INCLUDE, BUT ARE		THE OWNER. IF CONFLICTS BETWEEN DRAWINGS, SPECIFICATIONS AND REQUIREMENTS OF BUILDING OWNER

VA DIRECTIVES, DESIGN MANUALS, MASTER SPECIFICATIONS, VA NATIONAL CAD STANDARD APPLICATION GUIDE, AND OTH INFORMATION ON THE TECHNICAL INFORMATION LIBRARY (TIL) INTERNATIONAL BUILDING CODE (IBC) (ONLY WHEN SPECIFICALLY REFERENCED IN VA DESIGN DOCUMENTS)

NFPA NATIONAL FIRE CODES WITH THE EXCEPTION OF NFPA 5000 AND NFPA 900

### ASME BOILER AND PRESSURE VESSEL CODE

ARCHITECTURAL BARRIER ACT ACCESSIBILITY STANDARDS (ABAAS) INCLUDING VA SUPPLEMENT, BARRIER FREE DESIGN BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE, AMERICAN CONCRETE INSTITUTE AND COMMENTARY (ACI MANUAL OF STEEL CONSTRUCTION, LOAD AND RESISTANCE FACTOR DESIGN SPECIFICATIONS FOR STRUCTURAL STEEL B AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC)

DOE INTERIM FINAL RULE: ENERGY CONSERVATION STANDARDS FOR NEW FEDERAL, COMMERCIAL AND MULTI-FAMILY HIGH RESIDENTIAL BUILDINGS AND NEW LOW-RISE RESIDENTIAL BUILDINGS, 10 CFR PARTS 433, 434, AND 435. FEDERAL LEADERSHIP IN HIGH PERFORMANCE AND SUSTAINABLE BUILDINGS: MEMORANDUM OF UNDERSTANDING (MOU) EXECUTIVE ORDER 13423: STRENGTHENING FEDERAL ENVIRONMENT, ENERGY, AND TRANSPORTATION MANAGEMENT. THE PROVISIONS FOR CONSTRUCTION AND SAFETY SIGNS. STATED IN THE GENERAL REQUIRMENTS SECTION 01010 IF THE VENTILATION FOR THE ACCEPTABLE INDOOR AIR QUALITY – ASHRAE STANDARD 62.1 – 2004.

		ARCHITECT TO OWNER. ALL PARTIES CORRESPONDENCE ARE TO RECEIVE WRITTEN AND SIGNED COPIES OF SUCH. <u>NO VERBAL</u> <u>AGREEMENTS AFFECTING COST OR ALTERNATIVE CONSTRUCTION</u> <u>METHODS AND ARRANGEMENTS WILL BE CONSIDERED VALID OR</u> <u>BINDING, AND ARE THEREFORE, DISALLOWED.</u>
CH INCLUDE, BUT ARE	17.	GENERAL CONTRACTOR SHALL COMPLY WITH ALL DIRECTIVES OF THE OWNER. IF CONFLICTS BETWEEN DRAWINGS, SPECIFICATIONS AND REQUIREMENTS OF BUILDING OWNER AND/OR OPERATORS ARISE, THEY SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT IMMEDIATELY.
, AND OTHER GUIDANCE	18.	THE HVAC, PLUMBING AND ELECTRICAL CONTRACTORS SHALL COORDINATE THEIR WORK WITH THE WORK OF OTHER TRADES TO ASSURE THAT THE WORK CAN BE INSTALLED IN A WORKMAN-LIKE MANNER. EACH CONTRACTOR SHALL BE EXPECTED TO COOPERATE WITH OTHER CONTRACTORS IN THE PLACEMENT OF WORK TO AVOID CONFLICTS AND MAINTAIN JOB PROGRESS.
	19.	IT IS THE INTENT OF THESE DRAWINGS THAT A COMPLETE JOB IS TO BE ACCOMPLISHED IN PREPARING THE BID. THE BIDDER SHALL MAKE ALLOWANCES FOR DETAILS WHICH MIGHT HAVE BEEN INADVERTENTLY OMITTED FROM THE DRAWINGS.
DESIGN GUIDE (PG-18-13) FARY (ACI 318)	20.	ALL EXISTING DUCTWORK, ELECTRICAL OR PIPING IS NOT NECESSARILY SHOWN ON THE DRAWINGS.
_ STEEL BUILDINGS, AMILY HIGH-RISE IG (MOU) MENT. 010 IF THE VA MASTER	21.	BEFORE CONTRACTOR(S) BID THE JOB, IT IS IMPERATIVE THEY VISIT THE JOBSITE AND FIELD VERIFY THE EXACT LOCATION OF ALL EXISTING EQUIPMENT, DUCTWORK, ETC. IT WILL BE PART OF THE CONTRACTOR'S RESPONSIBILITY TO DESIGN AND RELOCATE ANY EXISTING OBSTACLES WHICH WILL INTERFERE WITH THE CONTRACTOR'S ABILITY TO INSTALL ALL NEW OR RELOCATED WORK ON HIS CONTRACT.
UTUTE THE VA MASTER		
Attachment A		

Pre-Construction	Risk	<u>Assessment</u>	

el	
	rt Date: Winter/ Spring 2021
ty officer should be involved in the design/plannin	g of all projects
· · · ·	If NO, indicate ILSM from below list or
counied areas remain unchanged?	describe other intervention
ccupied areas remain unchanged? ructed & fire separated?	
ents remain intact & unchanged?	
ems remain functional & unimpaired?	
*	D C D F I
remain functional & unimpaired?	B, C, D, F, J,
rated by non-combustible smoke tight partitions?	Must be in place before construction begins
artment remain unobstructed?	
e department remain unobstructed?	
re two remote exits?	Temp barrier
	If YES, indicate ILSM from below list or describe other intervention
ce to exit?	
nvironment (GEMS concerns)? hazardous areas	
generated, etc. utility shutdowns? (Communications, electrical,	
ical gases, vacuum, water, server)	Area will be vacated by staff
vels for adjacent areas?	
sive for hospital machinery to operate properly?	
nergency disaster plan?	
mise security?	
is and Comments:	
and Community.	
G. Control Combustible Loading L.	<ol> <li>Conduct Additional Training on Incident Response</li> </ol>
tient care area?	
tient care area?	
access/egress to/from the building/patient care area, e	ither temporarily or permanently?
ety manager in design/planning, especially with reg	
	· · · ·
<ol> <li>The access/egr</li> </ol>	ress path should be smooth, without tripping hazards ress path should be handicap accessible. clinical areas, the construction barriers prevent artient egress.
	micals and tools should be stored appropriately to nt/visitor access?
functional and audible within and adjacent to the construction	n zone? Including but not limited to:
e. Wander guard technology Air, Suction) d. Cardiac and other vital sign Monitoring Syste	e. Medication/Nutrition Delivery Systems
omments:	

	Infe	ection Control Ris	•	natch construc nine project cl			ctivity to patier	nt risk group to
Y	N	CONSTRUCTION ACTIV			Y	N	PATIENT RISK GRO	UP (may modify as required)
		tiles for inspection (1/50 sq f trim work, minor plumbing, a cutting of walls or access to 6 B: Small scale, short duration	ectivity-includes, not limited to t), painting (not sanding), wall activities which do not generate ceilings other than for visual in n, moderate to high levels-inclu	covering, electrical e dust or require spection. ides but not limited to				ology, ECHO, Endoscopy,
		installation of telephone/com or ceiling where dust migrati	puter cabling, access to chase a on can be controlled.	spaces, cutting of walls	х		Nuclear Medicine, Phys Respiratory Therapy)	sical Therapy, Radiology/MRI,
		C: Work that generates a more removal of any fixed building to sanding of walls for painti ceiling tiles, and casework; n	derate to high level of dust or n g components or assemblies. In ng or wall covering; removal o ew wall construction; minor du or cabling activity; any activity	ncludes but not limited f floor coverings, act work or electrical			High Risk-(ex CCU, EF (specimen), Newborn N Pediatrics, Pharmacy, P Units)	R, Labor & Delivery, Laboratories fursery, Outpatient Surgery, ost Anesthesia care, Surgical
x		activities that require consecu- removal of a complete cablin		y demolition or			Lab, Central Sterile Sup pressure isolation room including C-section)	atients, Burn Unit, Cardiac Cath pply, ICU, Medical Unit, Negative s, Oncology, Operating rooms
		Patient Risk Group LOW Risk	TYPE A	TYPE B II			TYPE C	TYPE D III/IV
	oject lass	MEDIUM Risk	Î.	П			Ш	<b>N</b>
· ·	4855	HIGH Risk	1	П	_		III/IV	IV
		HIGHEST Risk	II	III/IV			III/IV Unon (	IV Completion of Project
		During Construction 1. Execute work by method	Is to minimize raising dust from	n construction operation	6		Upon C	completion of Project
	ASS I	Immediately replace any     Include all items from C     Provides active means to     Water mist work surface     Seal unused doors with 4     Seal unused doors with 4	<ul> <li>ceiling tile displaced for visual lass I above</li> <li>prevent air-borne dust from di s to control dust while cutting, duct tape, mts.</li> </ul>	l inspection.			<ol> <li>Contain contribution tightly cover</li> <li>Wet mop at vacuum bet</li> </ol>	ces with disinfectant. nstruction waste before transport in ered containers. nd/or vacuum with HEPA filtered fore leaving work area.
			ste before transport in tightly e areas where work is being per		ninati	on of	where work duct	lation of HVAC system in areas c is being performed. items from Class I/II above
сL⁄	ASS III	<ol> <li>Complete all critical barr implement control cube with HEPA vacuum for 4. Maintain negative air pro</li> </ol>	ol in design/planning before of riers i.e. sheetrock, plywood, p method (cart with plastic cover vacuuming prior to exit) before essure within work site utilizing les or carts. Tape covering unit	lastic, to seal area from n ring and sealed connection e construction begins. g HEPA equipped air filt	in to v	vork s	ea or completed ite required by and/or Infe . 3. Remove ba minimize s associated	ove barriers from work area until project is thoroughly cleaned as the owner's Safety Department ction Control Department. rrier materials carefully to preading of dirt and debris with construction. ork area with HEPA filtered
								rea with disinfectant
CLA	ASS IV	Include all items from Class I/I/III above     Inclass I/I/III above     Include all items from Class I/I/III abov						
Is th	iere a i	risk to the Contractor o		): No				
Infe Exit	ction C door to	Control Additional Requir o corridor shall be for em Control Officer Signature:	ements/Comments: ergency use only by the					

of ction lities	Drawing Title LIFE SAFETY CODE REVIEW, GENERAL NOTES, PCRA & ICRA	Phase FINAL CONSTRUCTION DOCUMENTS	Project Title MRI SITE PREP F HOT SPRINGS VA	Project Number VA #568-CSI-301 SGA #201910 Building Number 165 & 12	
ment	Approved:		Location FORT MEADE & F	HOT SPRINGS, SD	Drawing Number
partment ans Affairs				RS JHK	G003
	7	8	9		10

### **CONTRACTOR GENERAL NOTES**

ALL EXISTING DUCTWORK, ELECTRICAL OR PIPING IS NOT NECESSARILY SHOWN ON THE DRAWINGS.

BEFORE CONTRACTOR(S) BID THE JOB. IT IS IMPERATIVE THEY VISIT THE JOBSITE AND FIELD VERIFY THE EXACT LOCATION OF ALL EXISTING EQUIPMENT, DUCTWORK, ETC. IT WILL BE PART OF THE CONTRACTOR'S RESPONSIBILITY AND COST TO ENGINEER AND RELOCATE ANY EXISTING OBSTACLES WHICH WILL INTERFERE WITH THE CONTRACTOR'S ABILITY TO INSTALL ALL NEW OR RELOCATED WORK ON HIS CONTRACT.

CONTRACTOR SHALL VERIFY ALL DIMENSIONS IN FIELD AND NOTIFY PROJECT ENGINEER OF ALL DISCREPANCIES IF ANY, FOUND PRIOR TO PLACEMENT OF ANY COMPONENTS

THE CONTRACTOR WILL TAKE ALL NECESSARY PRECAUTIONS INCLUDING THE BUILDING AND MAINTENANCE OF DUST TIGHT PARTITIONS DAILY VACUUMING SWEEPING AND PROVISION OF CLEAN FLOOR MATS AT THE PROJECT ENTRANCES, TO PREVENT THE INFILTRATION OF DIRT AND DUST FROM THE CONSTRUCTION AREAS INTO THE OWNER OCCUPIED AREAS.

PATCH ALL FINISHES WHERE DISTURBED BY THE WORK AND WHERE UNFINISHED SURFACES HAVE BEEN EXPOSED BY DEMOLITION. PATCHING MUST MATCH ADJACENT MATERIALS, COLORS, AND FINISHES. WALL SURFACES THAT ARE PATCHED SHALL HAVE THE FINISHES (PAINT, VINYL WALL COVERING, ETC.) REPLACED FROM CORNER TO CORNER AND FLOOR TO CEILING.

UNLESS OTHERWISE INDICATED FINISH ALL NEW FRAMES AND PARTITIONS TO MATCH SURROUNDING. NEW HOLLOW METAL DOORS SHALL BE PAINTED SAME COLOR AS FRAMES. EXISTING PARTITIONS RECEIVING NEW DOOR FRAMES THAT HAVE VINYL WALL COVERING (VWC) SHALL HAVE THE VWC COMPLETELY REMOVED AND REPLACED WITH NEW VWC OF MATCHING TEXTURE AND COLOR

PAINT ALL EXPOSED NEW AND EXISTING PIPING, CONDUIT, WIRE MOLD, ELECTRICAL PANELS, ACCESS PANELS, ETC., TO MATCH WALL FINISH UNLESS OTHERWISE NOTED. CORRIDOR WALLS AND PLUMBING PARTITIONS SHALL BE

CONSIDERED 1 HOUR FIRE RATED WALLS AND NEW OR EXISTING PENETRATIONS MUST BE SEALED ACCORDINGLY WITH APPROVED FIRESTOPPING MATERIAL THE SAME DAY THE PENETRATION IS MADE OR DISCOVERED. ALL FLOOR SLABS, VERTICAL SHAFTS AND STAIRWELLS SHALL BE CONSIDERED 2 HOUR RATED PARTITIONS AND BE SEALED ACCORDINGLY IN THE MANNER LISTED HEREIN. PENETRATIONS THROUGH THE EXTERIOR WALLS SHALL BE SEALED WATERTIGHT.

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.

WHENEVER EXISTING EQUIPMENT, PIPING, DUCTS, ETC., ARE REQUIRED TO BE REMOVED, SUCH REMOVAL SHALL INCLUDE ALL ANCHORS, HANGERS, FOUNDATIONS, ETC., UNLESS NOTED OTHERWISE. AFTER REMOVAL; FLOORS, WALLS, AND CEILINGS SHALL BE FINISHED TO MATCH ADJOINING SURFACES. UTILITY WORK THAT WILL REQUIRE A SHUTDOWN OF EXISTING SERVICE(S) WILL BE DONE AFTER NORMAL WORKING HOURS

(NIGHTS, WEEKENDS, HOLIDAYS, ETC.) AT NO ADDITIONAL COST TO THE GOVERNMENT, WORK MUST BE SCHEDULED WITH THE

COR

WORK THAT MUST OCCUR IN OCCUPIED AREAS, SUCH AS PUBLIC CORRIDORS, OF THE MEDICAL CENTER OR DISRUPT A MEDICAL CENTER FUNCTION WILL BE DONE AT TIMES OTHER THAN NORMAL WORKING HOURS (NIGHTS, WEEKENDS, HOLIDAYS, ETC.) AT NO ADDITIONAL COST TO THE GOVERNMENT. WORK MUST BE SCHEDULED WITH THE V.A. PROJECT ENGINEER.

ALL ELECTRICAL CIRCUITRY TO BE CONCEALED UNLESS OTHERWISE SPECIFIED. CIRCUITING FOR ELECTRIC DOOR HOLD OPENS IN MASONRY WALLS SHALL BE SURFACE RACEWAY. COORDINATE ALL WORK WITH OTHER TRADES AND EXISTING

CONDITIONS TO FLIMINATE CONFLICTS AND/OR INTERFERENCES. THE CONTRACTOR SHALL PROVIDE ALL OFFSETS, FITTINGS, TRANSITIONS, EXTENSIONS, ETC., REQUIRED FOR A COMPLETE AND FUNCTIONAL SYSTEM.

DRAWINGS ARE DIAGRAMMATIC AND SHOW ONLY THE GENERAL ARRANGEMENT OF EACH SYSTEM. BECAUSE OF SMALL SCALE OF DRAWINGS IT IS NOT POSSIBLE TO SHOW OR INDICATE ALL BRANCHES, OFFSETS, FITTINGS, BOXES, AND ACCESSORIES WHICH MAY BE REQUIRED. CONTRACTOR MUST CAREFULLY INVESTIGATE STRUCTURAL AND FINISH CONDITIONS AFFECTING ALL WORK, FURNISHING SUCH FITTINGS, TRAPS, VALVES, BOXES, ACCESSORIES, ETC., AS MAY BE REQUIRED.

LOCATIONS OF NEW EQUIPMENT, PIPING, AND ASSOCIATED ITEMS SHOWN ON THE DRAWINGS ARE SCHEMATIC ONLY. THE CONTRACTOR SHALL FIELD VERIFY EXACT LOCATION AND ELEVATION FOR ALL WORK. INCLUDING CONNECTIONS TO EXISTING WORK. ALL OFFSETS, FITTINGS, TRANSITIONS, EXTENSIONS, ETC., REQUIRED FOR A COMPLETE AND FUNCTIONAL SYSTEM SHALL BE PROVIDED AT NO ADDITIONAL

ALL EXISTING DUCTWORK, ELECTRICAL OR MECHANICAL PIPING, CABLE TRAYS, ETC., IS NOT NECESSARILY SHOWN ON THE DRAWINGS. BEFORE CONTRACTOR PLACES A BID IT IS IMPERATIVE THEY VISIT THE JOBSITE AND FIELD VERIFY THE EXACT LOCATION OF ALL EXISTING EQUIPMENT, DUCTWORK, PIPING, ETC. IT WILL BE PART OF THE CONTRACTOR'S RESPONSIBILITY AND THE CONTRACTOR WILL BEAR THE COST TO ENGINEER AND RELOCATE ANY EXISTING OBSTACLES WHICH WILL INTERFERE WITH THE CONTRACTOR'S ABILITY TO INSTALL ALL NEW OR RELOCATED WORK IN THIS PROJECT. CONTRACTOR SHALL NOT INSTALL CONDUIT, PIPING, LIGHTING,

OR OTHER OBSTRUCTIONS UNDER OR ADJACENT TO HVAC EQUIPMENT THAT WILL ELIMINATE OR OBSTRUCT ACCESS TO COILS, MOTORS, VALVES, SWITCHES, PANELS, ETC.

BEFORE THE CONTRACTOR BEGINS WORK HE SHALL RECORD ANY EXISTING SYSTEM INFORMATION SUCH AS TEMPERATURE, FLOW RATE, PRESSURE, CURRENT, VOLATAGE, OR ANY OTHER INFORMATION NECESSARY FOR HIM TO RETURN THE AFFECTED SYSTEM TO ORIGINAL OPERATING CONDITION. UNLESS NOTED OTHERWISE IT IS ASSUMED THAT ALL SYSTEMS (HVAC, ELECTRICAL, PLUMBING, ETC.) ARE WORKING PROPERLY IN EVERY MANNER AT THE BEGINNING OF THE PROJECT. THE CONTRACTOR'S RECORDED MEASUREMENTS MUST BE SUBMITTED TO THE PROJECT ENGINEER FOR REVIEW AND ACCEPTANCE BEFORE ANY DEMOLITION OR OTHER RELATED WORK CAN PROCEED.

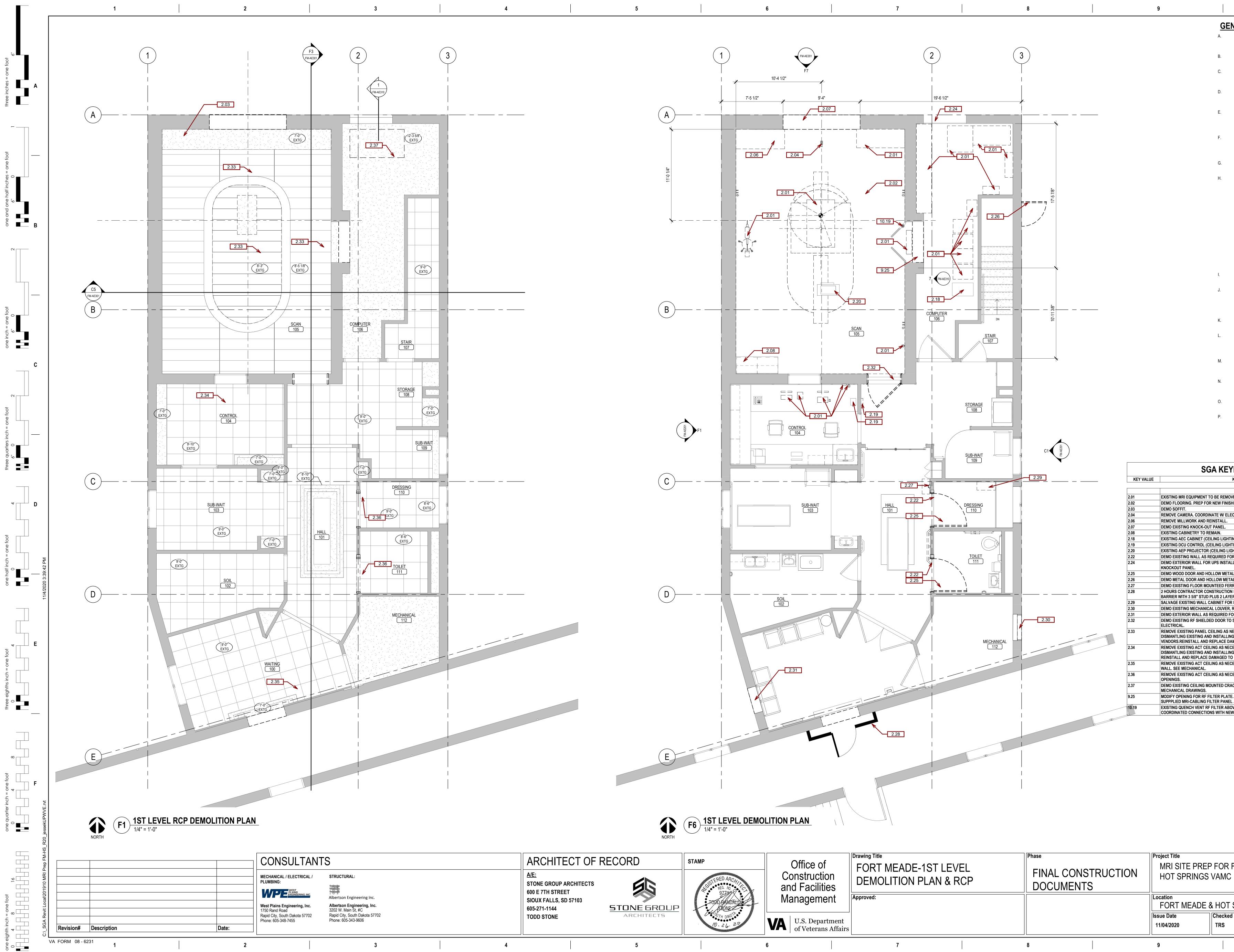
FOR DOORS BEING REPLACED: IF THE EXISTING DOOR HAS SIGNAGE APPLIED TO IT, THIS SIGNAGE SHOULD BE CAREFULLY REMOVED AND REAPPLIED TO THE NEW DOOR. IF THE SIGNAGE IS DAMAGED DURING REMOVAL OR CANNOT OTHERWISE BE REAPPLIED IT SHOULD BE REPLACED WITH NEW SIGNAGE OF IDENTICAL TYPE.

THE CONTRACTOR WILL BE RESPONSIBLE FOR MAINTAINING ALL EXISTING ACCESS DOORS TO CONSTRUCTION AREAS, EXISTING MECHANICAL AND ELECTRICAL AREAS, ASSIGNED STORAGE AREAS, EQUIPMENT ACCESS AREAS, ETC. DOORS MUST BE RESTORED TO THE CONDITION ENCOUNTERED AT BEGINNING OF PROJECT. THIS INCLUDES DOOR REPLACEMENT, HARDWARE REPLACEMENT. HARDWARE REPAIR. DOOR REPAIR. ETC.

IT IS IMPORTANT THAT ALL REPLACEMENT DOORS HAVE A GAP OF LESS THAN 3/4" BETWEEN THE BOTTOM OF THE DOOR AND THE FLOOR AT ALL POINTS. CONTRACTOR MUST COORDINATE INSTALLED DOOR FRAME HEIGHT OR MAKE OTHER NECESSARY MODIFICATIONS0 TO MEET THIS REQUIREMENT AND KEEP FIRE RATING OF DOOR AND FRAME. BOTTOM SWEEPS ARE NOT ACCEPTABLE UNLESS SPECIFICALLY STATED ON DRAWING.

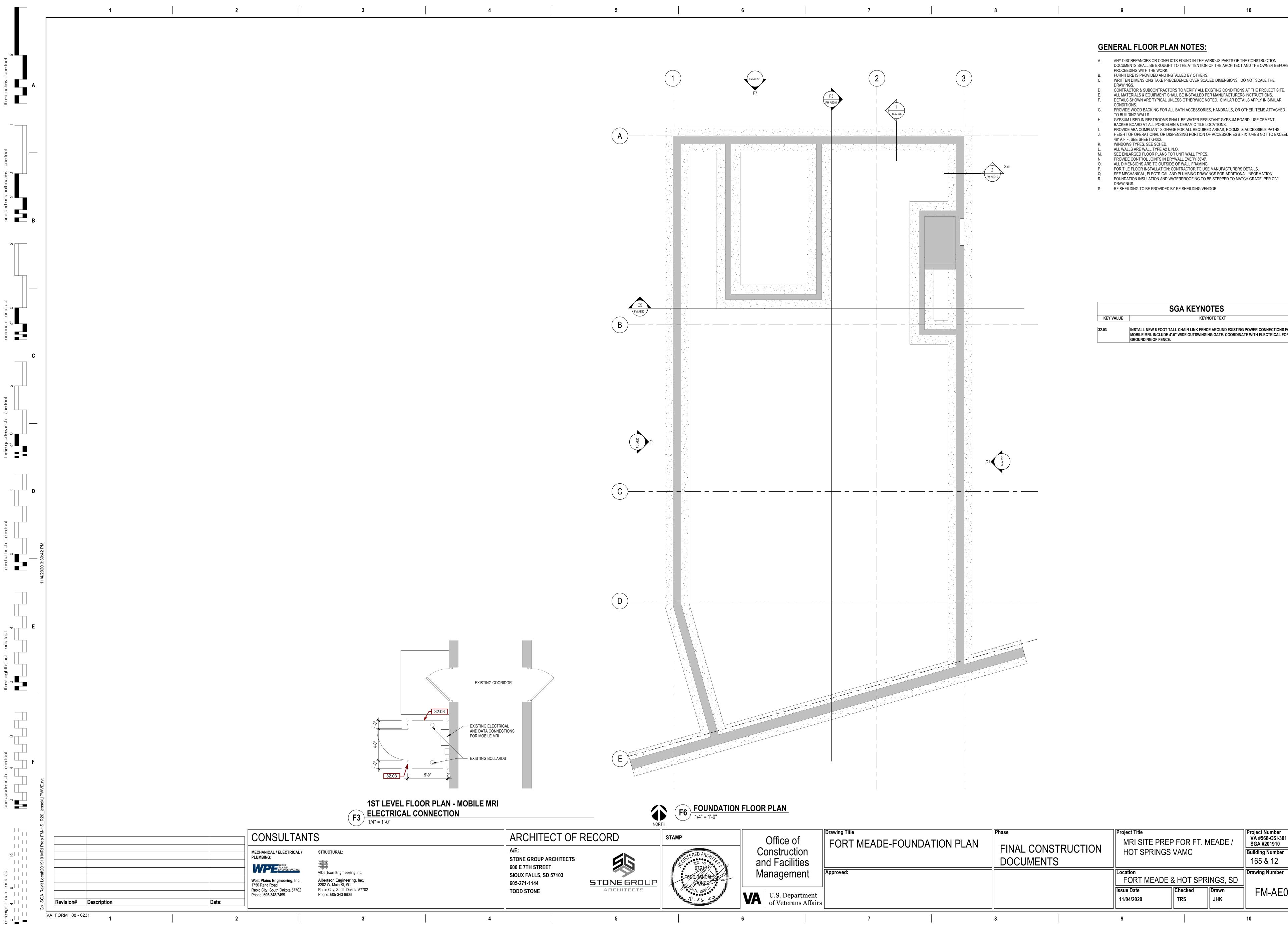
IF THERE IS ANY WORK TO BE DONE ON EXISTING ROOFS, SUCH AS ROOF PENETRATIONS OR STANDS, OR ANYTHING THAT DAMAGES THE INTEGRITY OF THE ROOF, THIS WORK MUST BE DONE BY A CONTRACTOR LICENSED BY THE ROOFING MEMBRANE MANUFACTURER. HE MUST BE APPROVED BY THE MEMBRANE MANUFACTURER SO AS TO NOT VOID OR INTERRUPT EXISTING SINGLE PLY MEMBRANE ROOF WARRANTIES. EXISTING CIRCUITRY (CONDUIT, BOXES, WIRE, ETC.) MAY BE REUSED AT THE CONTRACTOR'S OPTION AS LONG AS IT MEETS THE SAME SPECIFICATIONS REQUIRED FOR NEW CIRCUITRY. ALL WORK, NEW AND EXISTING, SHALL COMPLY WITH THE LATEST NEC CODE.

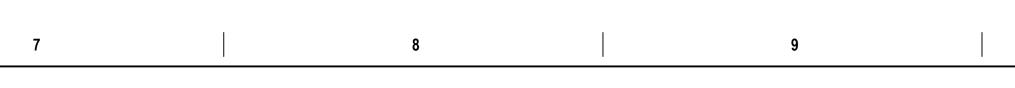
WHERE DOOR AND HARDWARE ARE SHOWN TO BE REMOVED, THE DOOR STOPS ARE TO REMAIN AND BE REUSED UNLESS NOTED OTHERWISE.



e of ction silities	Drawing Title FORT MEADE-1ST LEVEL DEMOLITION PLAN & RCP	Phase FINAL CONSTRUCTION DOCUMENTS	Project Title MRI SITE PREP HOT SPRINGS	
ment	Approved:		Location FORT MEADE 8	K HOT
epartment erans Affairs			Issue Date 11/04/2020	Checked TRS
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NERAL DEMOLITION NOTES:	
REFER TO MECHANICAL DRAWINGS FOR RELATED DEMOLITION OF MECHANICAL/PLUMBING CONSTRUCTION.	
REFER TO ELECTRICAL DRAWINGS FOR RELATED DEMOLITION OF ELECTRICAL CONSTRUCTION. PATCH TO MATCH SPRAY-ON FIREPROOFING DAMAGED OR REMOVED FROM STRUCTURAL MEMBERS DURING DEMOLITION.	•
PATCH ABANDONED OPENINGS AND PENETRATIONS RELATED TO MECHANICAL AND ELECTRICAL DEMOLITION.	Α
PROTECT SURROUNDING ROOMS NOT UNDER CONSTRUCTION FROM DUST AND DEBRIS. THESE ROOMS ARE NOT TO BE USED BY ANY CONTRACTOR FOR ANY PURPOSE.	
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.	
MAINTAIN ACCESS TO ALL EXITS DURING CONSTRUCTION. WORK TIME RESTRICTIONS:	
1. WORK WILL BE SHUT DOWN AS REQUIRED FOR STAFF/PATIENT NEEDS OR NOISE	
ISSUES. 2. CORRIDORS AND CORRIDOR ACCESS TO ROOMS MUST BE MAINTAINED AT ALL TIMES (EXCEPT POSSIBLY OUTSIDE BUSINESS	
HOURS WHEN WORK COULD BE COORDINATED AND COMPLETED). 3. WORK MUST BE COORDINATED WITH THE	В
IMMEDIATE REINSTALLATION OF FINISHES SO CORRIDORS DO NOT REMAIN IN AN UNFINISHED STATE. 4. REINSTALL CEILING TILE AT END OF EACH	
4. REINSTALL CEILING TILE AT END OF EACH SHIFT WHERE CEILING WORK OCCURS OUTSIDE OF 1-HOUR CONSTRUCTION BARRIERS.	
MAINTAIN NEGATIVE AIR PRESSURE IN AREAS OF WORK.	
EXISITNG CONDITIONS ARE BASED ON INFORMATION OBTAINED FROM EXISITNG DRAWINGS AND FIELD SURVEY, AND SHALL NOT BE CONSTRUED "AS BUILT". CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS PRIOR TO ONSET OF CONSTRUCTION.	
COORDINATE DEMOLITION WORK WITH PHASING PLANS AND OWNER FOR SCHEDULE OF OCCUPANCY.	
CONTRACTOR SHALL COORDINATE WITH OWNER FOR ALL EXISTING EQUIPMENT AND FURNITURE ITEMS THAT ARE TO BE SALVAGED OR REINSTALLED PRIOR TO THE COMMENCEMENT OF DEMOLITION.	
ALL SURFACES AFFECTED BY DEMOLITION TO BE CLEANED AND PREPARED FOR APPLICATION OF NEW FINISHES OR PATCHED TO MATCH EXISITNG.	С
REMOVE ALL FLOORING FINISHES AND BASE. PREPARE SLAB AND EXISTING WALLS TO REMAIN TO RECIEVE NEW FINISHES.	
CONTRACTOR BUILDING ACCESS DURING EACH PHASE IS TO BE COORINDATED WITH VA COR.	
ALL CONSTRUCTION BARRIER WALLS MUST BE 2- HOUR RATED W/ 90 MINUTE RATED DOORS. VERIFY RATING OF EXISTING WALLS USED AS	
CONSTRUCTION BARRIERS. ALL PENETRATIONS TO BE FIRESTOPPED.	
YNOTES KEYNOTE TEXT	
OVED BY OTHERS. SYSTEM FILTER BOX TO REMAIN.	
SHES. EC.	D
TING) TO REMAIN. HTING) TO REMAIN. IGHTING) TO REMAIN	
OR NEW DOOR. ALLATION. PREP WALL OPENING FOR FUTURE	
AL FRAME. TAL FRAME. RRO SCANNER. RETURN TO THE VA.	
NRO SCANNER, REFORM TO THE VA. NN BARRIER WITH 90-MINUTE EXIT DOOR. CONSTRUCT 'ERS 5/8" FIRECODE GYP EA. SIDE. NR RELOCATION OVER BENCH, REF FLOOR PLAN.	
REF MECHANICAL. FOR NEW MECHANICAL LOUVER, REF MECHANICAL. O SCAN ROOM. RETAIN CONTACT SWITCHES AND OTHER	
NECESSARY TO CONDUCT WORK ABOVE FOR NG NEW MRI CABLING AND EQUIPMENT. COORDINATE W/	
AMAGED TO MATCH. CESSARY TO CONDUCT WORK ABOVE FOR NG NEW MRI CABLING. COORDINATE W/ VENDORS.	Е
O MATCH. CESSARY TO ROUTE NEW DUCTWORK TO EXTERIOR	
AC UNIT AND REMOVE SUPPORTS AND PLUMBING PER	
E. SEE MRI VENDOR DRAWINGS FOR VENDOR	
OVE ACCOUSTIC CEILING. LOCATION TO REMAIN, EW MRI.	
	F
Project Number	
FT. MEADE / VA #568-CSI-301 SGA #201910 Building Number	
165 & 12	
SPRINGS, SD	
<sup>d</sup> Drawn JHK FM-AD101	
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## **GENERAL FLOOR PLAN NOTES:**

e of uction cilities	Drawing Title FORT MEADE-FOUNDATION PLAN		FINAL CONSTRUCTION	Project Title MRI SITE PREP FOR FT. MEADE / HOT SPRINGS VAMC		Project Number VA #568-CSI-301 SGA #201910 Building Number 165 & 12	
ement	Approved:			Location FORT MEA	DE & HOT SF	RINGS, SD	Drawing Number
Department erans Affairs				Issue Date 11/04/2020	Checked TRS	Drawn JHK	FM-AE001
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DOCUMENTS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT AND THE OWNER BEFORE WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS. DO NOT SCALE THE

ALL MATERIALS & EQUIPMENT SHALL BE INSTALLED PER MANUFACTURERS INSTRUCTIONS. DETAILS SHOWN ARE TYPICAL UNLESS OTHERWISE NOTED. SIMILAR DETAILS APPLY IN SIMILAR PROVIDE WOOD BACKING FOR ALL BATH ACCESSORIES, HANDRAILS, OR OTHER ITEMS ATTACHED GYPSUM USED IN RESTROOMS SHALL BE WATER RESISTANT GYPSUM BOARD. USE CEMENT PROVIDE ABA COMPLIANT SIGNAGE FOR ALL REQUIRED AREAS, ROOMS, & ACCESSIBLE PATHS. HEIGHT OF OPERATIONAL OR DISPENSING PORTION OF ACCESSORIES & FIXTURES NOT TO EXCEED

FOR TILE FLOOR INSTALLATION: CONTRACTOR TO USE MANUFACTURERS DETAILS. SEE MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION. FOUNDATION INSULATION AND WATERPROOFING TO BE STEPPED TO MATCH GRADE, PER CIVIL

> SGA KEYNOTES **KEYNOTE TEXT**

INSTALL NEW 6 FOOT TALL CHAIN LINK FENCE AROUND EXISTING POWER CONNECTIONS FOR MOBILE MRI. INCLUDE 4'-0" WIDE OUTSWINGING GATE. COORDINATE WITH ELECTRICAL FOR

FT. N	1EADE /	Project Number VA #568-CSI-301 SGA #201910		
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		Drawing Number		
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						GENE	RAL FLOOR PLAN NOTES:
	F3 FM-AE	301	2	3		D	NY DISCREPANCIES OR CONFLICTS FOUND IN THE VARIO OCUMENTS SHALL BE BROUGHT TO THE ATTENTION OF ROCEEDING WITH THE WORK.
*						B. Fl C. W D	JRNITURE IS PROVIDED AND INSTALLED BY OTHERS. RITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED RAWINGS.
	28		1 FM-AE310			E. Al F. D	ONTRACTOR & SUBCONTRACTORS TO VERIFY ALL EXIST LL MATERIALS & EQUIPMENT SHALL BE INSTALLED PER N ETAILS SHOWN ARE TYPICAL UNLESS OTHERWISE NOTE ONDITIONS.
	FM-AE311	9.26				G. PI TO H. G	ROVIDE WOOD BACKING FOR ALL BATH ACCESSORIES, H D BUILDING WALLS. YPSUM USED IN RESTROOMS SHALL BE WATER RESISTA
						I. PI J. H	ACKER BOARD AT ALL PORCELAIN & CERAMIC TILE LOCA ROVIDE ABA COMPLIANT SIGNAGE FOR ALL REQUIRED A EIGHT OF OPERATIONAL OR DISPENSING PORTION OF A " A.F.F. SEE SHEET G-002.
						K. W L. Al M. SI	INDOWS TYPES, SEE SCHED. _L WALLS ARE WALL TYPE A2 U.N.O. EE ENLARGED FLOOR PLANS FOR UNIT WALL TYPES.
				2 2 2		O. Al P. F	ROVIDE CONTROL JOINTS IN DRYWALL EVERY 30'-0". LL DIMENSIONS ARE TO OUTSIDE OF WALL FRAMING. DR TILE FLOOR INSTALLATION: CONTRACTOR TO USE MA EE MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS
						D	DUNDATION INSULATION AND WATERPROOFING TO BE S RAWINGS. F SHEILDING TO BE PROVIDED BY RF SHEILDING VENDO
	10	.21 ->		107B			
			8.04A				SGA KEYNOTES
	9.25					KEY VALUE	KEYNOTE TEX
	CENTER					6.07 8.04	INSTALL SALVAGED WALL CABINET, MATCH PREVIOUS EXTERIOR WALL AS POSSIBLE WHILE LEAVING ROOM F DEGREES. INSTALL NEW HOLLOW METAL FRAME AND WOOD DOO
	MAGNET		FM-AE310)			8.04A 8.06	INSTALL NEW HOLLOW METAL FRAME AND WOOD DOG INSTALL NEW HOLLOW METAL FRAME AND HOLLOW MI DOOR SCHEDULE. INSTALL NEW ALUMINUM SURFACE MOUNTED SLIDING
						8.07 9.16 9.24	INSTALL NEW RF SHIELDED DOOR, DESIGN BY RF CONT GYP SOFFIT. SEE RCP. RELOCATE OPENING IN SUSPENDED CEILING.
$\sum_{i=1}^{n} \sum_{j=1}^{n} \sum_{i=1}^{n} \sum_{j=1}^{n} \sum_{j=1}^{n} \sum_{j=1}^{n} \sum_{i=1}^{n} \sum_{j=1}^{n} \sum_{j=1}^{n} \sum_{i=1}^{n} \sum_{j=1}^{n} \sum_{j$			COMPUTER	· · · · · · · · · · · · · · · · · · ·		9.25	MODIFY OPENING FOR RF FILTER PLATE. SEE MRI VEN MRI-CABLING FILTER PANEL . CONSTRUCT WALL AS FUTURE KNOCK OUT PANEL.
د تر می در بالا می می می می می می می می اور این می می می می می می می می می ایر این می می می می می می می می ایر ایر می	SCAN_		STAIR			9.31 10.19	PATCH FLOORING TO MATCH EXISTING WOOD PLANK F EXISTING QUENCH VENT RF FILTER ABOVE ACCOUSTIC COORDINATED CONNECTIONS WITH NEW MRI.
	<u>105</u>					10.21 11.06 23.06	MRI EQUIPMENT TETHER, NON-FERROUS WALL ANCHO INSTALL NEW FERRO SCANNER. INSTALL NEW MECHANICAL LOUVER. SEE MECH TO CO
10.21						23.07	NEW MRI CHILLER - SUPPLIED AND DELIVERED TO A LC CONSTRUCTION CONTRACTOR IS RESPONSIBLE FOR M LOCATION AND COMPLETING ALL CONNECTIONS. SIEM
<u></u>	8.07						CHILLER STARTUP TO COINCIDE WITH MRI STARTUP.
			STORAGE 108				
			10.21				
			SUB-WAIT	C1 C1	)		
				6.07			
SUB-WAIT		HALL 9.31	DRES\$ING	e,			
		5	TOLLET				
		9.31					
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			MECHANICAL A A A A A A A A A A A A A A A A A A				
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	Drawing Title		Phase	Project Title	
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## OTES:

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IND IN THE VARIOUS PARTS OF THE CONSTRUCTION E ATTENTION OF THE ARCHITECT AND THE OWNER BEFORE D BY OTHERS. CE OVER SCALED DIMENSIONS. DO NOT SCALE THE

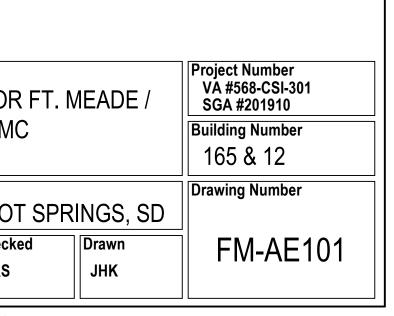
VERIFY ALL EXISTING CONDITIONS AT THE PROJECT SITE. INSTALLED PER MANUFACTURERS INSTRUCTIONS. THERWISE NOTED. SIMILAR DETAILS APPLY IN SIMILAR ACCESSORIES, HANDRAILS, OR OTHER ITEMS ATTACHED WATER RESISTANT GYPSUM BOARD. USE CEMENT RAMIC TILE LOCATIONS. ALL REQUIRED AREAS, ROOMS, & ACCESSIBLE PATHS.

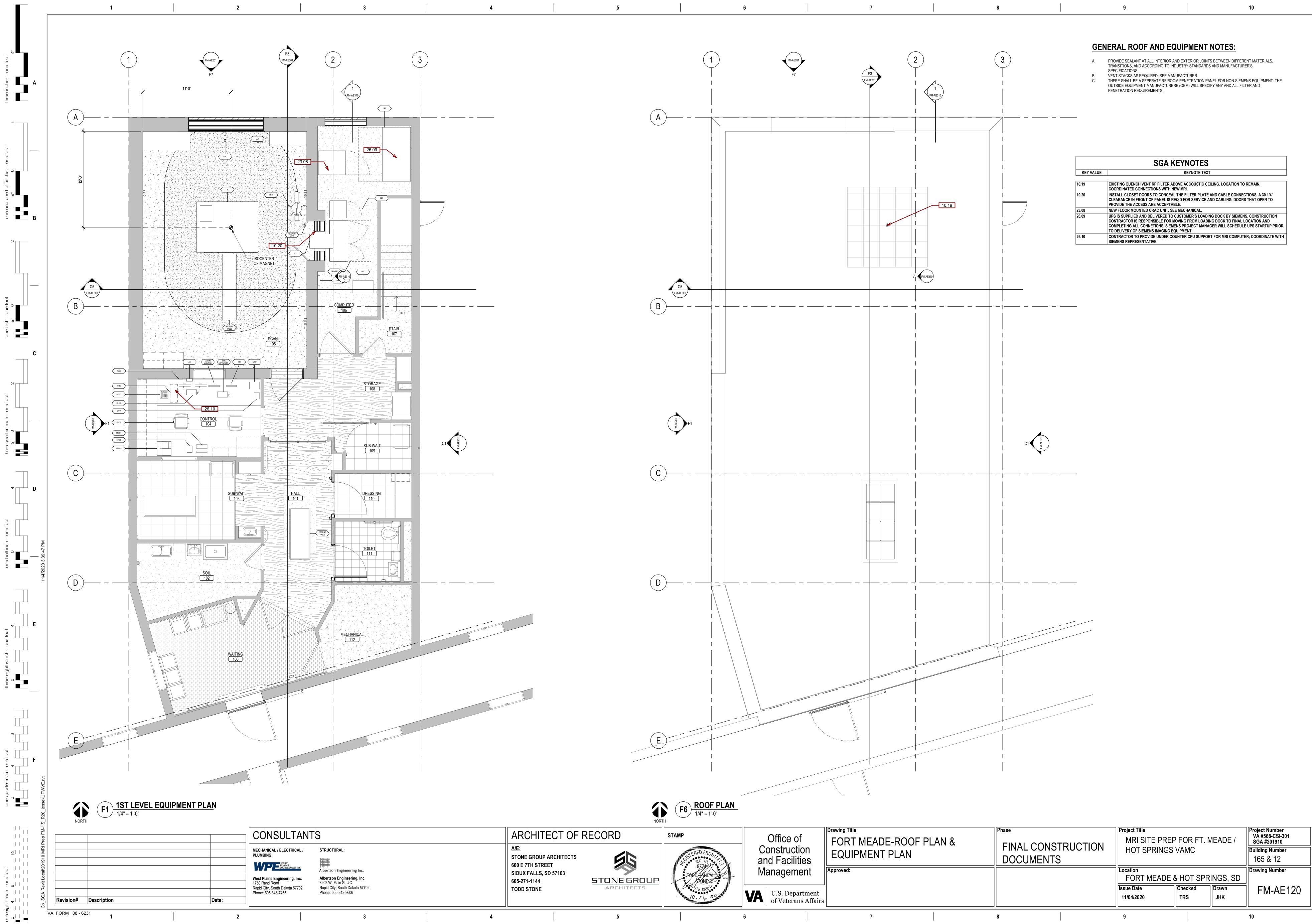
G PORTION OF ACCESSORIES & FIXTURES NOT TO EXCEED

CTOR TO USE MANUFACTURERS DETAILS. IMBING DRAWINGS FOR ADDITIONAL INFORMATION. ROOFING TO BE STEPPED TO MATCH GRADE, PER CIVIL EILDING VENDOR.

NOTES
KEYNOTE TEXT
CH PREVIOUS HEIGHT A.F.F. LOCATED AS CLOSE TO VING ROOM FOR RIGHT SIDE DOOR TO OPEN FULL 90
D WOOD DOOR. SEE DOOR SCHEDULE.
D HOLLOW METAL DOOR, COORD. W/ELECTRICAL. SEE
ITED SLIDING DOOR, COORD. W/ELECTRICAL.
N BY RF CONTRACTOR. COORDINATE W/ ELECTRICAL.
ING.
SEE MRI VENDOR DRAWINGS FOR VENDOR SUPPPLIED
JT PANEL.
OOD PLANK FLOORING - WF-1.
E ACCOUSTIC CEILING. LOCATION TO REMAIN, MRI.
WALL ANCHOR POINTS, SEE DETAIL.
MECH TO COORDINATE.
ERED TO A LOADING DOCK BY SIEMENS.

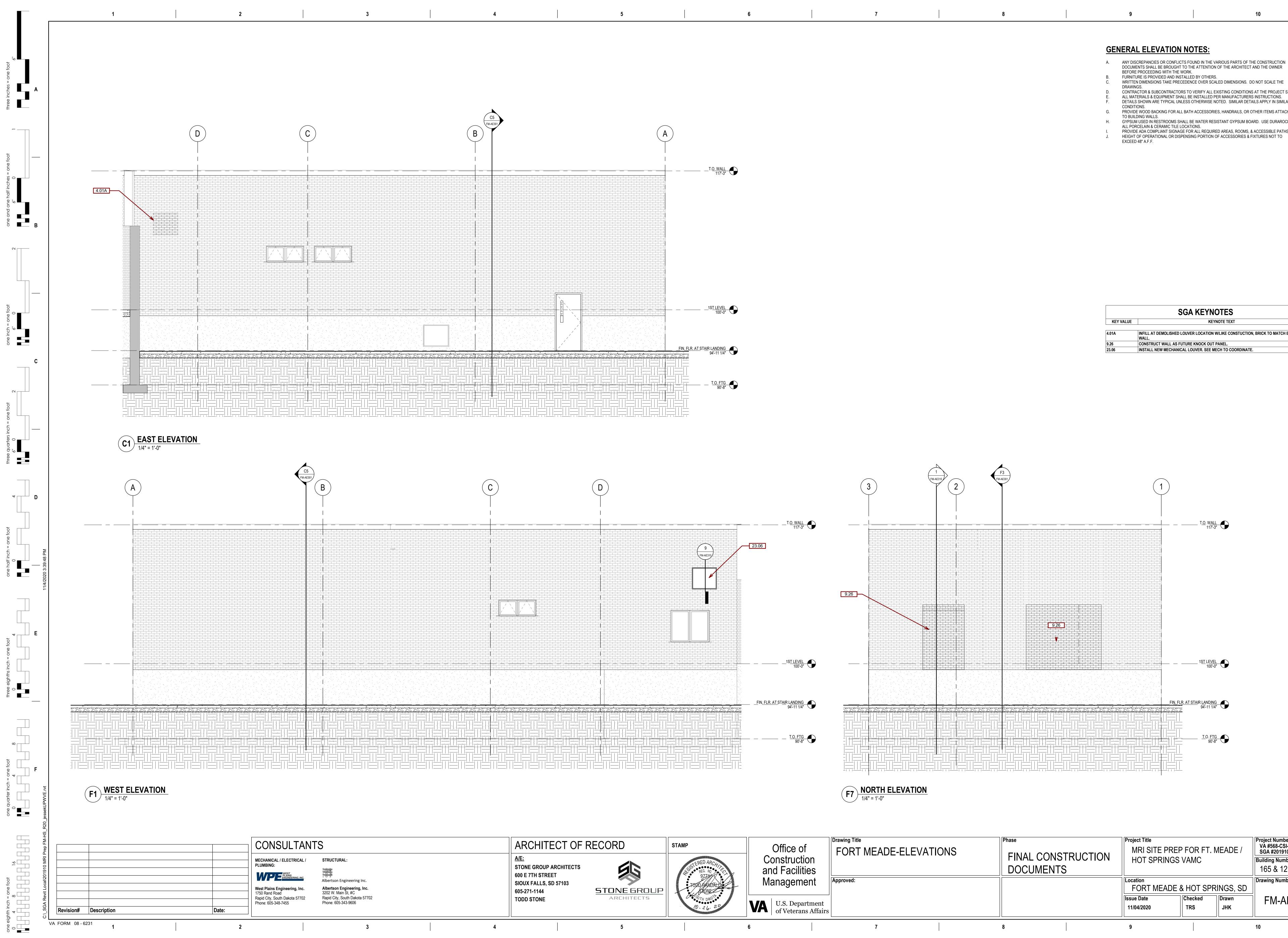
PONSIBLE FOR MOVING FROM LOADING DOCK TO FINAL NECTIONS. SIEMENS PROJECT MANAGER WILL SCHEDULE MRI STARTUP.





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A.	ANY DISCREPANCIES OR CONFLICTS FOUNE DOCUMENTS SHALL BE BROUGHT TO THE A BEFORE PROCEEDING WITH THE WORK.
B.	FURNITURE IS PROVIDED AND INSTALLED BY
C.	WRITTEN DIMENSIONS TAKE PRECEDENCE ( DRAWINGS.
D.	CONTRACTOR & SUBCONTRACTORS TO VEF
E.	ALL MATERIALS & EQUIPMENT SHALL BE INS
F.	DETAILS SHOWN ARE TYPICAL UNLESS OTH CONDITIONS.
G.	PROVIDE WOOD BACKING FOR ALL BATH AC TO BUILDING WALLS.
H.	GYPSUM USED IN RESTROOMS SHALL BE WA ALL PORCELAIN & CERAMIC TILE LOCATIONS
Ι.	PROVIDE ADA COMPLIANT SIGNAGE FOR AL
J.	HEIGHT OF OPERATIONAL OR DISPENSING F

	SGA K
KEY VALUE	
4.01A	INFILL AT DEMOLISHED LOUVER LO WALL.
9.26	CONSTRUCT WALL AS FUTURE KNO

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ment	Approved:		FORT MEADE &	НОТ
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IND IN THE VARIOUS PARTS OF THE CONSTRUCTION E ATTENTION OF THE ARCHITECT AND THE OWNER BY OTHERS.

E OVER SCALED DIMENSIONS. DO NOT SCALE THE /ERIFY ALL EXISTING CONDITIONS AT THE PROJECT SITE. INSTALLED PER MANUFACTURERS INSTRUCTIONS. THERWISE NOTED. SIMILAR DETAILS APPLY IN SIMILAR ACCESSORIES, HANDRAILS, OR OTHER ITEMS ATTACHED WATER RESISTANT GYPSUM BOARD. USE DURAROCK @ LL REQUIRED AREAS, ROOMS, & ACCESSIBLE PATHS.

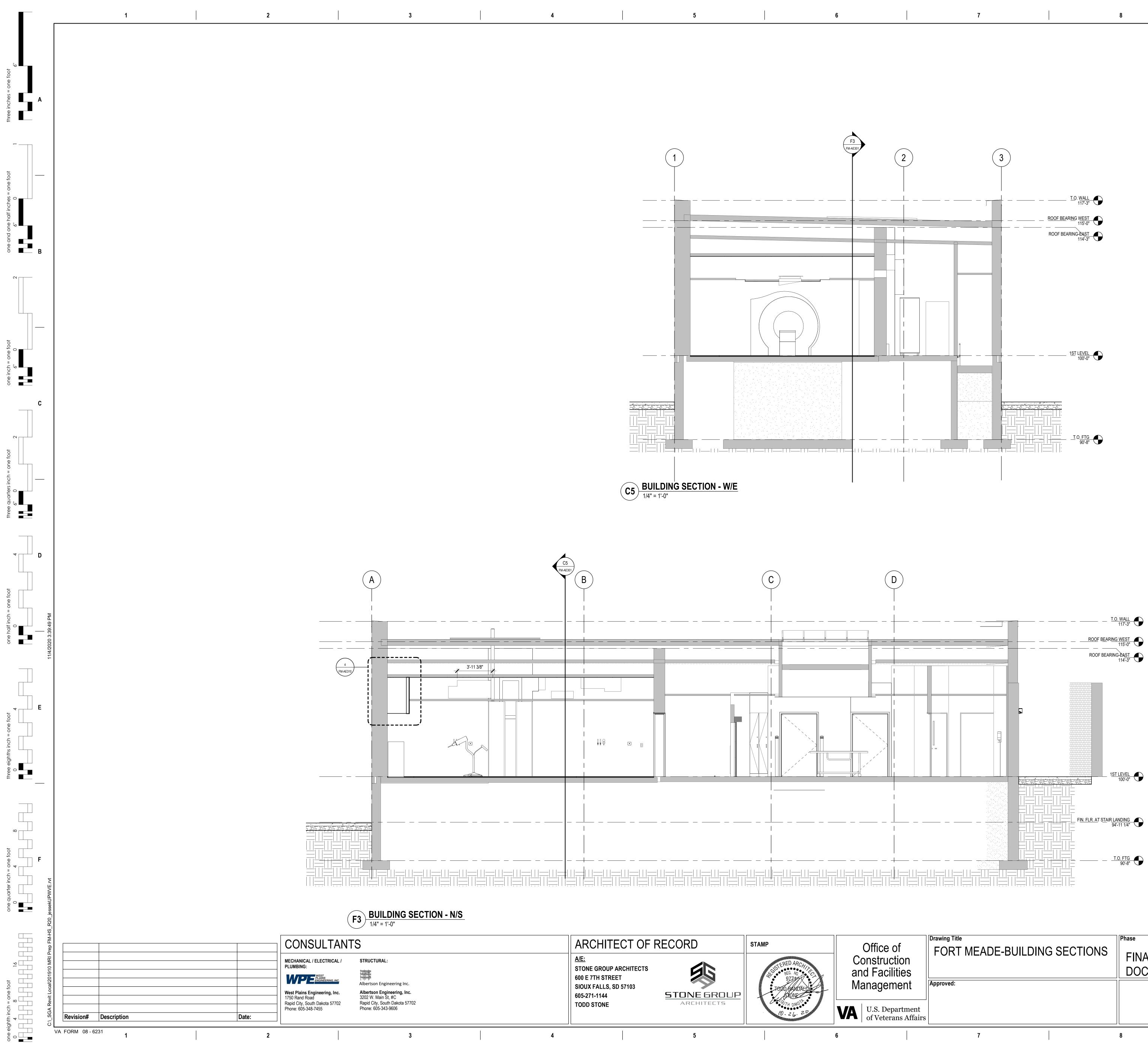
### **KEYNOTES** KEYNOTE TEXT

OCATION W/LIKE CONSTUCTION, BRICK TO MATCH EXISTING NOCK OUT PANEL.

\_\_\_\_1ST\_LEVEL\_\_\_\_\_ 100'-0"

<u>T.O. FTG</u> 90'-8"

Project Number VA #568-CSI-301 SGA #201910 R FT. MEADE / Building Number 165 & 12 Drawing Number DT SPRINGS, SD FM-AE201 ЈНК



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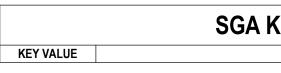
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		ARCHITECT OF F	RECORD	STAMP	Office
		A/E: STONE GROUP ARCHITECTS 600 E 7TH STREET SIOUX FALLS, SD 57103 605-271-1144	STONE GROUP	PODD BANDALL	Constru- and Fac Manage
		TODD STONE	ARCHITECTS	67015 907H DAKOTA 10.26.22	VA U.S. De of Veter
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## **GENERAL WALL TYPE NOTES:**

А. В.	SEE WALL NOTES ON SHEET FM-AE101. PROVIDE NON FERROUS METAL FASTENERS MEET MRI/SIEMENS STANDARDS.
C. D.	RF ENCLOSURE SUPPLIER WILL PROVIDE ANI RF SHIELDING PROVIDER WILL PROVIDE AND
E.	CONTRACTOR WILL PROVIDE AND INSTALL TI
F.	PARENT WALL (INTERIOR SIDE) 2 LAYERS OF
	A LEVEL 2 FINISH (TAPE AND JOINT COMPOU
G.	SEE SPECIFICATION FOR INSTALLATION OF S
H.	ANY DISCREPANCIES OR CONFLICTS FOUND
	DOCUMENTS SHALL BE BROUGHT TO THE AT
	PROCEEDING WITH THE WORK.
I.	FURNITURE IS PROVIDED AND INSTALLED BY
J.	WRITTEN DIMENSIONS TAKE PRECEDENCE O
	DRAWINGS.
Κ.	CONTRACTOR & SUBCONTRACTORS TO VERI
L.	ALL MATERIALS & EQUIPMENT SHALL BE INST
М.	DETAILS SHOWN ARE TYPICAL UNLESS OTHE
	CONDITIONS.
N.	PROVIDE WOOD BACKING FOR ALL BATH ACC
	TO BUILDING WALLS.
0.	GYPSUM USED IN RESTROOMS SHALL BE WA
	BACKER BOARD AT ALL PORCELAIN & CERAM
Ρ.	PROVIDE ADA COMPLIANT SIGNAGE FOR ALL
Q.	K. HEIGHT OF OPERATIONAL OR DISPENSING
	EXCEED 48" A.F.F.
R.	ANY DISCREPANCIES OR CONFLICTS FOUND
	DOCUMENTS SHALL BE BROUGHT TO THE AT
	PROCEEDING WITH THE WORK.
S.	FURNITURE IS PROVIDED AND INSTALLED BY



e of iction cilities	Drawing Title FORT MEADE-BUILDING	Phase FINAL CONS DOCUMENT	NI II III III III	TE PREP FOR PRINGS VAMC
ement	Approved:		Location FORT I	MEADE & HOT
epartment erans Affairs			Issue Date 11/04/2020	Checked TRS
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S AT ALL WALL COMPONENTS AT SCAN ROOM. MUST AND INSTALL THE RF ENCLOSURE. ND INSTALL THE 2X2 WOOD STUD WALL. THE PARENT WALL. F SOUND DAMPING WALL PANELS SHALL BE FINISHED TO UND UNSANDED). F SOUND DAMPING PANELS AND FIRE RATED PANELS. ND IN THE VARIOUS PARTS OF THE CONSTRUCTION ATTENTION OF THE ARCHITECT AND THE OWNER BEFORE

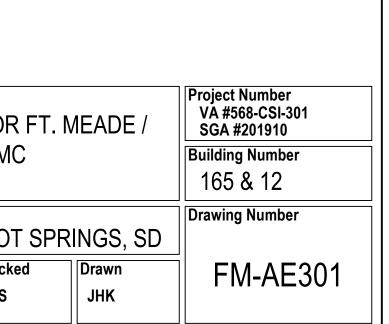
Y OTHERS. OVER SCALED DIMENSIONS. DO NOT SCALE THE

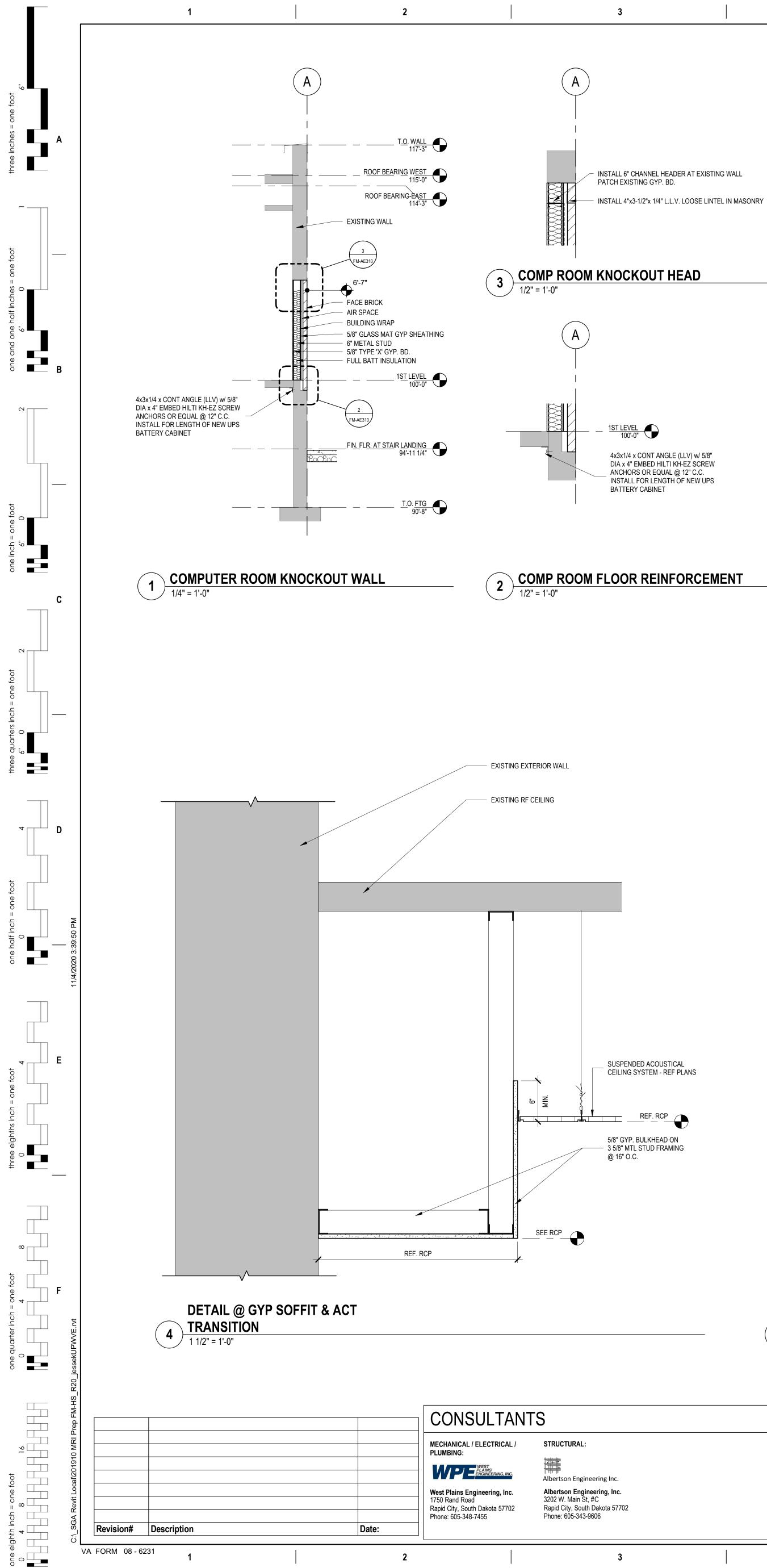
ERIFY ALL EXISTING CONDITIONS AT THE PROJECT SITE. NSTALLED PER MANUFACTURERS INSTRUCTIONS. HERWISE NOTED. SIMILAR DETAILS APPLY IN SIMILAR ACCESSORIES, HANDRAILS, OR OTHER ITEMS ATTACHED NATER RESISTANT GYPSUM BOARD. USE USE CEMENT AMIC TILE LOCATIONS. LL REQUIRED AREAS, ROOMS, & ACCESSIBLE PATHS.

ING PORTION OF ACCESSORIES & FIXTURES NOT TO D IN THE VARIOUS PARTS OF THE CONSTRUCTION ATTENTION OF THE ARCHITECT AND THE OWNER BEFORE BY OTHERS.

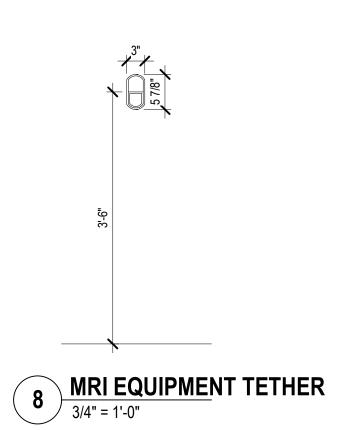
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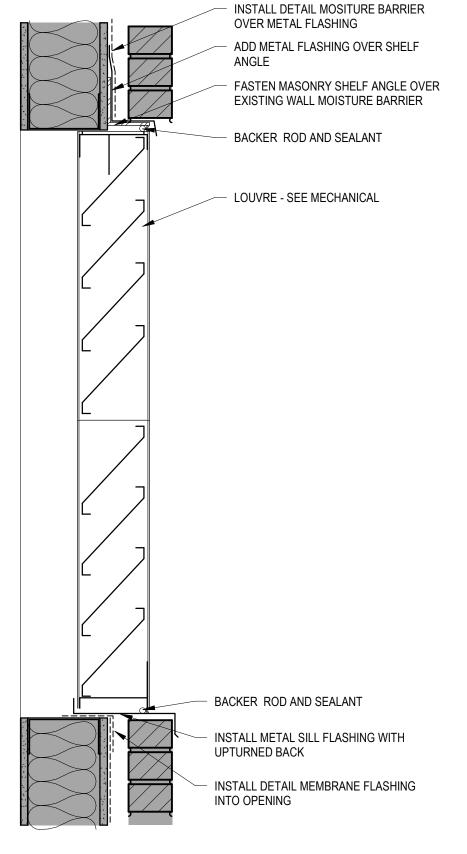
SGA KEYNOTES KEYNOTE TEXT

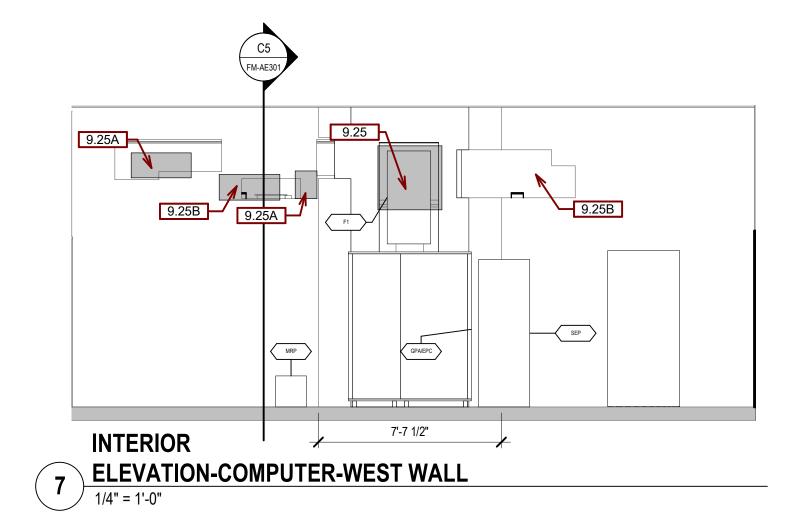




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Construct and Facili Managem VA U.S. Depa of Vetera

6

<u>A/E:</u> STONE GROUP ARCHITECTS 600 E 7TH STREET

SIOUX FALLS, SD 57103 605-271-1144 TODD STONE

ARCHITECT OF RECORD

**F** STONE GROUP

STAMP

Office

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9 **MECHANICAL LOUVRE** 1 1/2" = 1'-0"

8	9	

## **GENERAL WALL TYPE NOTES:**

Α.	SEE WALL NOTES ON SHEET FM-AE101.
В.	PROVIDE NON FERROUS METAL FASTENERS AT MEET MRI/SIEMENS STANDARDS.
C.	RF ENCLOSURE SUPPLIER WILL PROVIDE AND I
D.	RF SHIELDING PROVIDER WILL PROVIDE AND IN
E.	CONTRACTOR WILL PROVIDE AND INSTALL THE
F.	PARENT WALL (INTERIOR SIDE) 2 LAYERS OF SC
	A LEVEL 2 FINISH (TAPE AND JOINT COMPOUND
G.	SEE SPECIFICATION FOR INSTALLATION OF SOL
H.	ANY DISCREPANCIES OR CONFLICTS FOUND IN
	DOCUMENTS SHALL BE BROUGHT TO THE ATTE
	PROCEEDING WITH THE WORK.
Ι.	FURNITURE IS PROVIDED AND INSTALLED BY O
J.	WRITTEN DIMENSIONS TAKE PRECEDENCE OVE
	DRAWINGS.
K.	CONTRACTOR & SUBCONTRACTORS TO VERIFY
L.	ALL MATERIALS & EQUIPMENT SHALL BE INSTAL
M.	DETAILS SHOWN ARE TYPICAL UNLESS OTHERW
	CONDITIONS.
Ν.	PROVIDE WOOD BACKING FOR ALL BATH ACCES
	TO BUILDING WALLS.
0.	GYPSUM USED IN RESTROOMS SHALL BE WATE
	BACKER BOARD AT ALL PORCELAIN & CERAMIC
Ρ.	PROVIDE ADA COMPLIANT SIGNAGE FOR ALL R
Q.	K. HEIGHT OF OPERATIONAL OR DISPENSING P
	EXCEED 48" A.F.F.
R.	ANY DISCREPANCIES OR CONFLICTS FOUND IN
	DOCUMENTS SHALL BE BROUGHT TO THE ATTE
	PROCEEDING WITH THE WORK

IN THE VARIOUS PARTS OF THE CONSTRUCTION TENTION OF THE ARCHITECT AND THE OWNER BEFORE PROCEEDING WITH THE WORK. FURNITURE IS PROVIDED AND INSTALLED BY OTHERS.

	SGA KEYNOTES
KEY VALUE	KEYNOTE TEXT
9.25	MODIFY OPENING FOR RF FILTER PLATE. SEE MRI VENDOR DI
5.20	SUPPPLIED MRI-CABLING FILTER PANEL .
9.25A	SUPPPLIED MRI-CABLING FILTER PANEL . EXISTING MECHANICAL RF FILTER/WAVE GUIDE TO REMAIN.

e of uction cilities	Drawing Title FORT MEADE-WALL SE DETAILS	ECTIONS &	FINAL CONS	Project Title MRI SITE PREP HOT SPRINGS	
ement	Approved:			Location FORT MEADE &	& HOT SPRI
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AT ALL WALL COMPONENTS AT SCAN ROOM. MUST ) INSTALL THE RF ENCLOSURE. INSTALL THE 2X2 WOOD STUD WALL.

E PARENT WALL. SOUND DAMPING WALL PANELS SHALL BE FINISHED TO ND UNSANDED). SOUND DAMPING PANELS AND FIRE RATED PANELS. IN THE VARIOUS PARTS OF THE CONSTRUCTION TENTION OF THE ARCHITECT AND THE OWNER BEFORE THERS.

VER SCALED DIMENSIONS. DO NOT SCALE THE IFY ALL EXISTING CONDITIONS AT THE PROJECT SITE.

FALLED PER MANUFACTURERS INSTRUCTIONS. RWISE NOTED. SIMILAR DETAILS APPLY IN SIMILAR CESSORIES, HANDRAILS, OR OTHER ITEMS ATTACHED TER RESISTANT GYPSUM BOARD. USE USE CEMENT

IC TILE LOCATIONS. REQUIRED AREAS, ROOMS, & ACCESSIBLE PATHS. G PORTION OF ACCESSORIES & FIXTURES NOT TO

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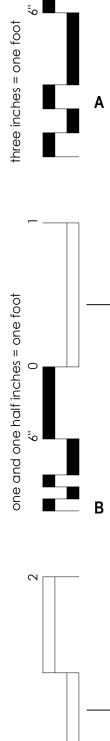
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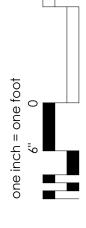
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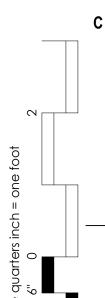
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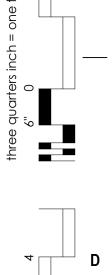
TE. SEE MRI VENDOR DRAWINGS FOR VENDOR VE GUIDE TO REMAIN.

FT. MEADE /		Project Number VA #568-CSI-301 SGA #201910
		Building Number
		165 & 12
		Drawing Number
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d	Drawn	FM-AE310
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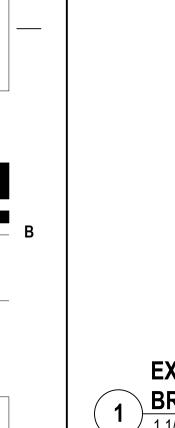


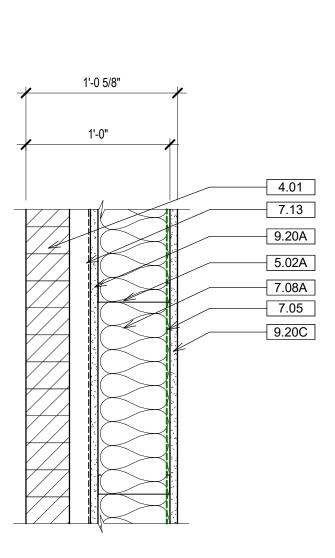




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## WALL PREFORMANCE: ONE HOUR RATED.

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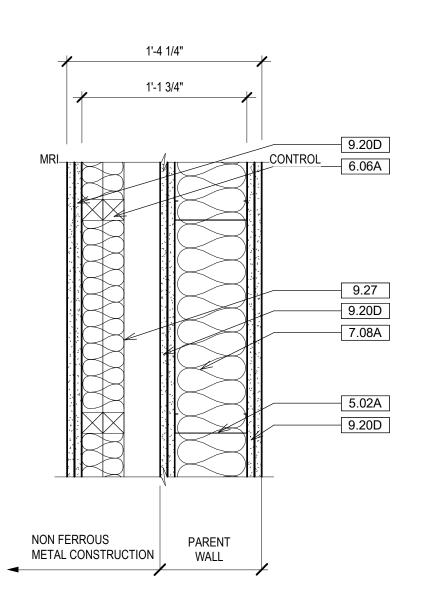
2

PROVIDE CONTINUOUS ACOUSTICAL SEALANT IN MATERIALS AND ON BOTH SIDES OF WALL PENETRATIONS.

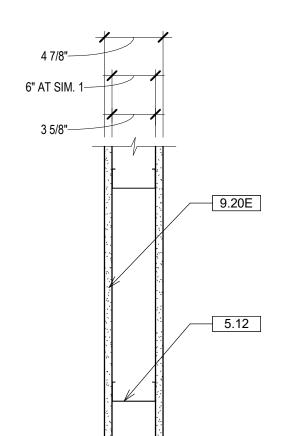
3

PROVIDE ACOUSTICAL SEALANT AT THE TOP AND BOTTOM OF WALL - BOTH SIDES.

### **EXTERIOR WALL - METAL STUD AND BRICK VENEER** / 1 1/2" = 1'-0"



### NINTERIOR WALL - MRI WALL | 1/2" = 1'-0"

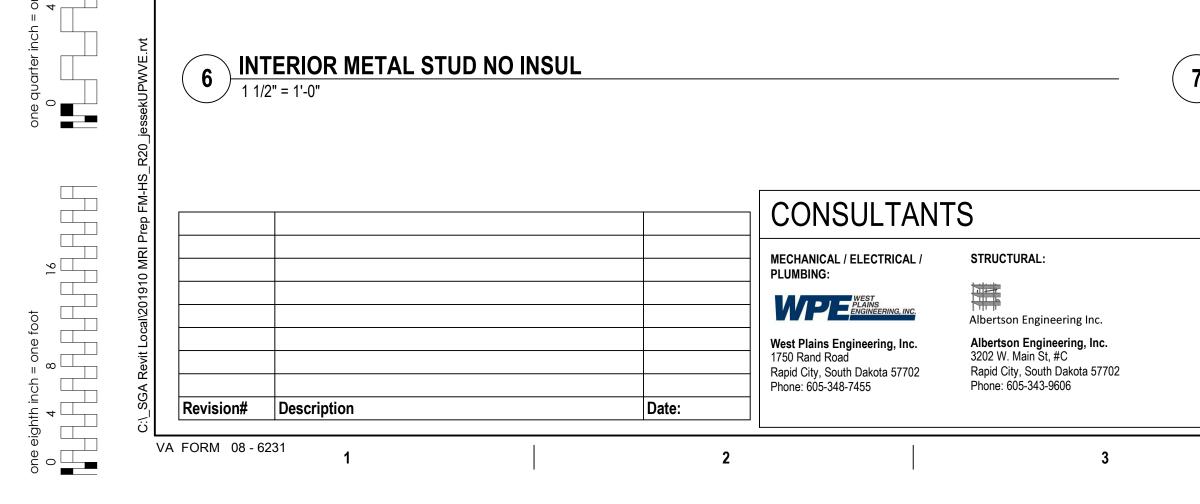


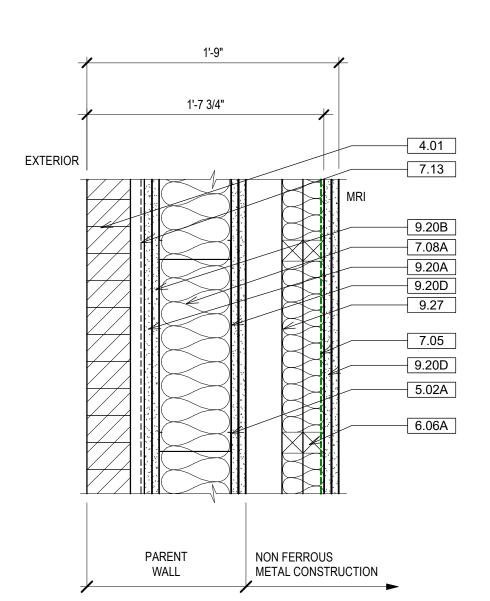
### WALL PREFORMANCE:

- SEE WALL SECTION FOR WALL HEIGHTS
- NO BACK TO BACK ELECTRICAL BOXES OR SIMILAR DEVICES.
- PROVIDE CONTINUOUS ACOUSTICAL SEALANT IN MATERIALS AND ON BOTH SIDES OF WALL PENETRATIONS.
- PROVIDE ACOUSTICAL SEALANT AT THE TOP AND BOTTOM OF WALL - BOTH SIDES.
- AT THE PARENT WALL- ELIMINATE ALL CRACKS AND GAPS IN THE WALL CONSTRUCTION. SEAL ALL WALL JUNCTIONS WITH ACOUSTICAL SEALANT. OFFSET GYPSUM BOARD SEAMS A MINIMUM OF 6" WITH BEADS OF ACOUSTICAL SEALANT (NON-HARDENING) AROUND THE ENTIRE PERIMITER OF THE DRYWALL/JOINTS. THE PARENT WALL MUST JOIN THE CEILING AND FLOOR STRUCTURE SO THAT THERE ARE NOT CRACKS OR GAPS. PROVIDE LEVEL 2 FINISH WITH TAPE SEAMS.

### WALL PREFORMANCE:

- 1. NO BACK TO BACK ELECTRICAL BOXES OR SIMILAR DEVICES.
- SEE CODE PLAN FOR RATED WALLS.
- PROVIDE ACOUSTIC FIRE SEALANT AT THE TOP AND BOTTOM OF WALL - BOTH SIDES AT RATED WALLS.
- 4. SEE WALL SECTIONS FOR WALLS THAT EXTEND TO ROOF STRUCTURE.





EXTERIOR WALL - MRI WALL AND

1'-2 7/8"

1'-0 3/8"

9.20D

6.06A

5.02B

9.20D

5.02C

9.20D

ONTROL

BRICK (2) Division 11/2" = 1'-0"

NON FERROUS

•

1 1/2" = 1'-0"

METAL CONSTRUCTION WALL

**INTERIOR WALL - MRI** 

4

## WALL PREFORMANCE: ONE HOUR RATED.

### NOTES:

WALL PREFORMANCE:

SIMILAR DEVICES.

PENETRATIONS.

4.

SEE WALL SECTION FOR WALL HEIGHTS.

NO BACK TO BACK ELECTRICAL BOXES OR

MATERIALS AND ON BOTH SIDES OF WALL

PROVIDE ACOUSTICAL SEALANT AT THE TOP

AT THE PARENT WALL- ELIMINATE ALL CRACKS

AND GAPS IN THE WALL CONSTRUCTION. SEAL

ALL WALL JUNCTIONS WITH ACOUSTICAL SEALANT.

(NON-HARDENING) AROUND THE ENTIRE PERIMITER

OF THE DRYWALL/JOINTS. THE PARENT WALL MUST

JOIN THE CEILING AND FLOOR STRUCTURE SO THAT

THERE ARE NOT CRACKS OR GAPS. PROVIDE LEVEL

OFFSET GYPSUM BOARD SEAMS A MINIMUM OF 6"

AND BOTTOM OF WALL - BOTH SIDES.

WITH BEADS OF ACOUSTICAL SEALANT

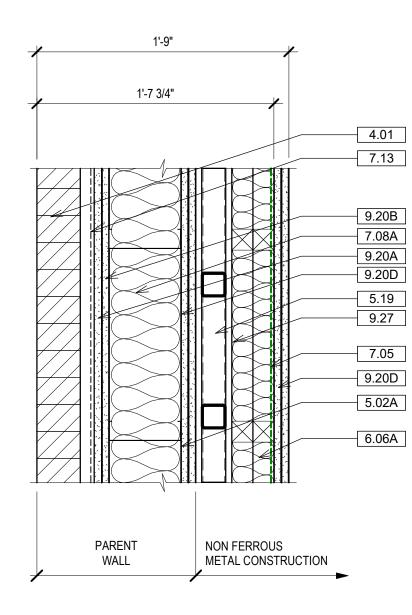
2 FINISH WITH TAPE SEAMS.

PROVIDE CONTINUOUS ACOUSTICAL SEALANT IN

PROVIDE CONTINUOUS ACOUSTICAL SEALANT IN MATERIALS AND ON BOTH SIDES OF WALL PENETRATIONS.

5

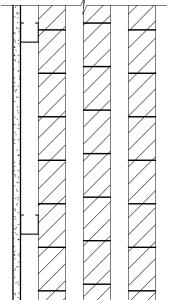
- PROVIDE ACOUSTICAL SEALANT AT THE TOP AND BOTTOM OF WALL - BOTH SIDES.
- AT THE PARENT WALL- ELIMINATE ALL CRACKS AND GAPS IN THE WALL CONSTRUCTION. SEAL ALL WALL JUNCTIONS WITH ACOUSTICAL SEALANT. OFFSET GYPSUM BOARD SEAMS A MINIMUM OF 6" WITH BEADS OF ACOUSTICAL SEALANT (NON-HARDENING) AROUND THE ENTIRE PERIMITER OF THE DRYWALL/JOINTS. THE PARENT WALL MUST JOIN THE CEILING AND FLOOR STRUCTURE SO THAT THERE ARE NOT CRACKS OR GAPS. PROVIDE LEVEL 2 FINISH WITH TAPE SEAMS.



## (2B) BRICK W/ MAGNETIC SHIELDING 1 1/2" = 1'-0"

- 4 7/8"------6" AT SIM 3 5/8"\_\_\_\_\_
- 5 INTERIOR METAL STUD

/ 1 1/2" = 1'-0"



KZLZA

### WALL PREFORMANCE: 2 HOUR RATED (EXISTING MASONRY/CONCRETE WALL).

### <u>NOTES:</u>

EXISTING WALL TYPE/CONSTRUCTION SHOWN FOR REFERENCE WHEN ANCHORING NEW FACE MOUNTED DOOR.

2. FIRE CAULK ALL PENETRATIONS

## METTAL FURRING WALL AND EXISTING

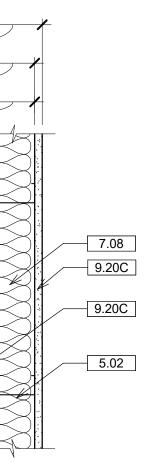
## **WALL** 1 1/2" = 1'-0"

ARCHITECT OF	RECORD	STAMP	Office of	Drawing Title FORT MEADE-WALL TYPES	Phase	Project Title MRI SITE PR	REP FOR F
<u>A/E:</u> STONE GROUP ARCHITECTS 600 E 7TH STREET SIOUX FALLS, SD 57103 605-271-1144	STONE GROUP	TODD PANDALLS	Construction and Facilities Management	Approved:	FINAL CONSTRUCTION DOCUMENTS	HOT SPRING	
TODD STONE	ARCHITECTS	10.26.2001A	<b>VA</b> U.S. Department of Veterans Affairs	3		Issue Date 11/04/2020	Checked TRS
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PARENT

\_/\_\_/

# **EXTERIOR WALL - MRI WALL AND**



## WALL PREFORMANCE: ONE HOUR RATED.

NOTES: 1. PROVIDE CONTINUOUS ACOUSTICAL SEALANT IN MATERIALS AND ON BOTH SIDES OF WALL PENETRATIONS.

PROVIDE ACOUSTICAL SEALANT AT THE TOP AND BOTTOM OF WALL - BOTH SIDES.

AT THE PARENT WALL- ELIMINATE ALL CRACKS AND GAPS IN THE WALL CONSTRUCTION. SEAL ALL WALL JUNCTIONS WITH ACOUSTICAL SEALANT OFFSET GYPSUM BOARD SEAMS A MINIMUM OF 6" WITH BEADS OF ACOUSTICAL SEALANT (NON-HARDENING) AROUND THE ENTIRE PERIMITER OF THE DRYWALL/JOINTS. THE PARENT WALL MUST JOIN THE CEILING AND FLOOR STRUCTURE SO THAT THERE ARE NOT CRACKS OR GAPS. PROVIDE LEVEL 2 FINISH WITH TAPE SEAMS.

A.	SEE WALL NOTES ON SHEET FM-AE101.
В.	PROVIDE NON FERROUS METAL FASTENERS AT ALL V
	MEET MRI/SIEMENS STANDARDS.
C.	RF ENCLOSURE SUPPLIER WILL PROVIDE AND INSTAL
D.	RF SHIELDING PROVIDER WILL PROVIDE AND INSTALI
E.	CONTRACTOR WILL PROVIDE AND INSTALL THE PARE
F.	PARENT WALL (INTERIOR SIDE) 2 LAYERS OF SOUND
	A LEVEL 2 FINISH (TAPE AND JOINT COMPOUND UNSA
G.	SEE SPECIFICATION FOR INSTALLATION OF SOUND D
H.	ANY DISCREPANCIES OR CONFLICTS FOUND IN THE \
	DOCUMENTS SHALL BE BROUGHT TO THE ATTENTION
	PROCEEDING WITH THE WORK.
l.	FURNITURE IS PROVIDED AND INSTALLED BY OTHERS
J.	WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SC
	DRAWINGS.
K.	CONTRACTOR & SUBCONTRACTORS TO VERIFY ALL E
1.	ALL MATERIALS & EQUIPMENT SHALL BE INSTALLED F
<u>М</u> .	DETAILS SHOWN ARE TYPICAL UNLESS OTHERWISE
	CONDITIONS.

**GENERAL WALL TYPE NOTES:** 

- N. PROVIDE WOOD BACKING FOR ALL BATH ACCESSORI TO BUILDING WALLS. GYPSUM USED IN RESTROOMS SHALL BE WATER RESISTANT GYPSUM BOARD. USE USE CEMENT BACKER BOARD AT ALL PORCELAIN & CERAMIC TILE LOCATIONS.
- PROVIDE ADA COMPLIANT SIGNAGE FOR ALL REQUIRED AREAS, ROOMS, & ACCESSIBLE PATHS. K. HEIGHT OF OPERATIONAL OR DISPENSING PORTION OF ACCESSORIES & FIXTURES NOT TO EXCEED 48" A.F.F.
- DOCUMENTS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT AND THE OWNER BEFORE PROCEEDING WITH THE WORK.

WALL PREFORMANCE:	
STC RATING. 44	

USE 5/8" CEMENT BACKER BOARD AT TALL WALL TILE LOCATIONS.

- PROVIDE VERTICAL CONTROL JOINTS AT CHANGES 2 IN HEIGHT, CORNERS AND AT 30' MAX.
- NO BACK TO BACK ELECTRICAL BOXES OR SIMILAR DEVICES.
- 4. PROVIDE CONTINUOUS ACUSTICAL SEALANT IN MATERIALS AND ON BOTH SIDES OF WALL PENETRATIONS.
- PROVIDE ACOUSTICAL SEALANT AT THE TOP AND BOTTOM OF WALL - BOTH SIDES.
- SEE WALL SECTIONS FOR WALLS THAT EXTEND TO ROOF STRUCTURE.

### SGA KEYN KEY VALUE BRICK TO MATCH EXISTING WALL. 3 5/8" STEEL STUDS. 6" STEEL STUDS. 3 5/8" STEEL STUDS - STAGGER 1". 3 5/8" STEEL STUDS - 6" STUD AT SIM. 3 5/8" METAL STUD - 6" STUD AT SIM. 1. STEEL MAGNETIC SHIELDING TO MATCH EX 2X2 WOOD STUD W/ INSULATION. VAPOR BARRIER. BATT INSULATION. 6" BATT INSULATION. BUILDING WRAP. 5/8" GLASS MAT GYPSUM BOARD SHEATHIN 5/8" SOUND DAMPING WALL PANEL. 5/8" TYPE "X" GYPSUM BOARD. 2 LAYERS, 5/8" SOUND DAMPING WALL PAI 5/8" TYPE "X" GYPSUM BOARD, BOTH SIDES 1 3/4" RF WALL PANEL - BY SHEILDING SUP

WALL COMPONENTS AT SCAN ROOM. MUST
ALL THE RF ENCLOSURE. LL THE 2X2 WOOD STUD WALL. ENT WALL. D DAMPING WALL PANELS SHALL BE FINISHED TO SANDED). DAMPING PANELS AND FIRE RATED PANELS. VARIOUS PARTS OF THE CONSTRUCTION
ON OF THE ARCHITECT AND THE OWNER BEFORI
RS. CALED DIMENSIONS. DO NOT SCALE THE
EXISTING CONDITIONS AT THE PROJECT SITE. PER MANUFACTURERS INSTRUCTIONS. NOTED. SIMILAR DETAILS APPLY IN SIMILAR
RIES, HANDRAILS, OR OTHER ITEMS ATTACHED

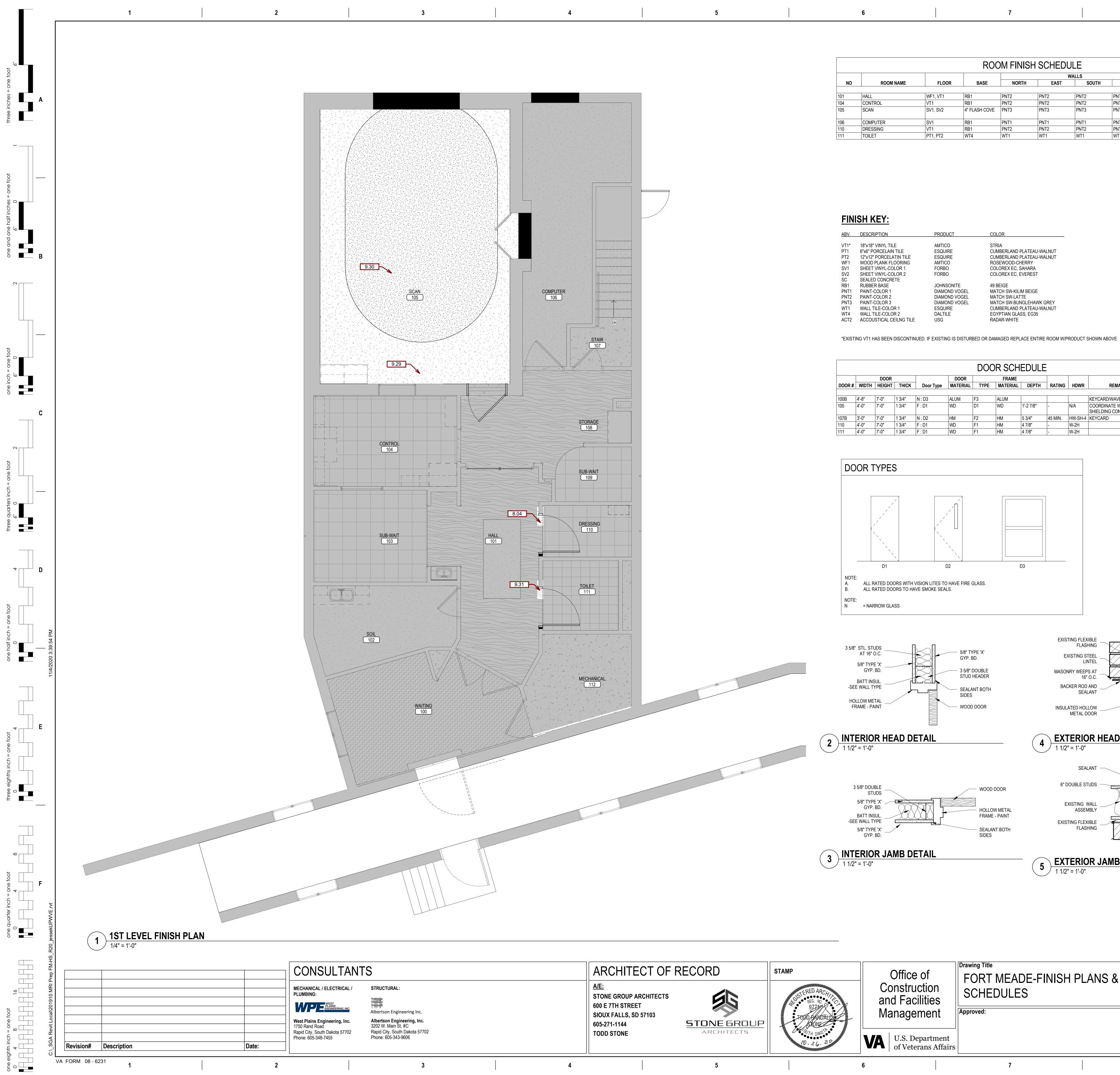
ANY DISCREPANCIES OR CONFLICTS FOUND IN THE VARIOUS PARTS OF THE CONSTRUCTION S. FURNITURE IS PROVIDED AND INSTALLED BY OTHERS.

IOTES
YNOTE TEXT
KISTING - BY RF VENDOR.
NG.
NEL.
S - ROOM SIDE ONLY AT SIM. 2.
LIER.

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FT. MEADE /	Project Number VA #568-CSI-301 SGA #201910
	Building Number
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	Drawing Number
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d Drawn	FM-AE311
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N : D2         HM           F : D1         WD           F : D1         WD	F1 HM 47	/8" - W-2H	Single Swing Single Swing Single Swing		ATE DOOR HARDWARE STYLE INGE CLOSER ALLOWED @ DO	
			FRAME TYPES			
D2 /ISION LITES TO HAV VE SMOKE SEALS.	D3		FI F2 ( NOTE: A. ALL RATED FRAMES TO MATCH D	4 NE500 5 FM-AE500 13/4" 13/4" 6 FM-AE500 OOR RATINGS.	F3	
	<ul> <li>5/8" TYPE 'X' GYP. BD.</li> <li>3 5/8" DOUBLE STUD HEADER</li> <li>SEALANT BOTH SIDES</li> <li>WOOD DOOR</li> </ul>	EXISTING STEEL LINTEL MASONRY WEEPS AT 16" O.C. BACKER ROD AND SEALANT INSULATED HOLLOW METAL DOOR	EXISTING WALL ASSEMBLY EXISTING DOUBLE STUD HEADER SEALANT HOLLOW METAL FRAME - PAINT	EXISTING CC EXISTING PRE JOIN EXISTING CC	AL DOOR DNCRETE STOOP MOLDED IT FILLER	
ETAIL		4 EXTERIOR HEAD I 1 1/2" = 1'-0"	DETAIL	FOU	NDATION	
	WOOD DOOR HOLLOW METAL FRAME - PAINT SEALANT BOTH SIDES	SEALANT 6" DOUBLE STUDS EXISTING WALL ASSEMBLY EXISTING FLEXIBLE FLASHING <b>EXTERIOR JAMB I</b> 1 1/2" = 1'-0"	FRAME - PAINT INSULATED HOLLOW METAL DOOR BACKER ROD AND SEALANT	6 1 1/2" = 1'-0" EXISTING MASONRY BEARING WALL OF LINK EXISTING FIRE RATED COILING DOOR IN TRACK EXISTING GROUTED DOOR FRAME NOT REMOVED OR REUSED		
			7	<b>INTERIOR SLIDI</b> 1 1/2" = 1'-0"	NG HEAD DETA	AIL
e of iction cilities	SCHEDULES	E-FINISH PLANS &	Phase FINAL CONS DOCUMENTS		Project Title MRI SITE PR HOT SPRINC	
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	DOOR SCHEDULE							
	DOOR		FRAME					
Door Type	MATERIAL	TYPE	MATERIAL	DEPTH	RATING	HDWR	REMARKS	DESCRIPTION
N : D3	ALUM	F3	ALUM				KEYCARD/WAVE SENSOR	SLIDING
F : D1	WD	D1	WD	1'-2 7/8"	-	N/A	COORDINATE WITH SHIELDING CONTRACTOR	Single Swing
N : D2	HM	F2	HM	5 3/4"	45 MIN.	HW-SH-4	KEYCARD	Single Swing
F : D1	WD	F1	HM	4 7/8"	-	W-2H		Single Swing
F : D1	WD	F1	HM	4 7/8"	-	W-2H		Single Swing

						AE101	
SV1	RB1	PNT1	PNT1	PNT1	PNT1	GYP.BD.	PAINT ALL WALL
VT1	RB1	PNT2	PNT2	PNT2	PNT2	ACT2	TOUCHUP PAINT
PT1, PT2	WT4	WT1	WT1	WT1	WT1	ACT2	TOUCHUP PAINT

PRODUCT

AMTICO

ESQUIRE

ESQUIRE

AMTICO

FORBO

FORBO

ESQUIRE

DALTILE

USG

JOHNSONITE

DIAMOND VOGEL

DIAMOND VOGEL

DIAMOND VOGEL

COLOR

STRIA

49 BEIGE

CUMBERLAND PLATEAU-WALNUT

CUMBERLAND PLATEAU-WALNUT

MATCH SW-BUNGLEHAWK GREY

CUMBERLAND PLATEAU-WALNUT

ROSEWOOD-CHERRY

COLOREX EC, SAHARA

COLOREX EC, EVEREST

MATCH SW-KILIM BEIGE

EGYPTIAN GLASS, EG35

MATCH SW-LATTE

RADAR-WHITE

	ROC	OM FINISH	H SCHEDI	JLE			
				WALLS			ID FINSISH
FLOOR	BASE	NORTH	EAST	SOUTH	WEST	CEILING	REMARKS
WF1, VT1	RB1	PNT2	PNT2	PNT2	PNT2	ACT2	TOUCHUP PAINT
VT1	RB1	PNT2	PNT2	PNT2	PNT2	ACT2	TOUCHUP PAINT
SV1, SV2	4" FLASH COVE	PNT3	PNT3	PNT3	PNT3	SEE RCP ON AE101	PAINT ALL WALLS

В.	FINISH SCHEDULES DENOTE FINISHES THROUGHOUT THE FINISH FLOOR PLAN, ROOM FINISH SCHEDULES, REFLECTE FI EVATIONS.
C.	SOME SPECIFIED PRODUCTS AND FINISHES MAY HAVE SUE CONTRACTOR SHALL BE RESPONSIBLE FOR PLACING ORD TIMELY ARRIVAL. THE CONTRACTOR SHALL BE RESPONSIE FEES, RELATED TO ANY RESELECTIONS REQUIRED DUE TO
D.	TIMELY MANNER. ALL FINISH WORK SHALL BE PERFORMED IN COMPLIANCE V SHOP DRAWINGS, SAMPLES AND PRODUCT DATA SHALL BE THEIR REVIEW PRIOR TO BEGINNING WORK.
E.	WOOD DOORS, FRAME BASE MOLDINGS TO BE FILLED, STA MATCH ARCHITECTS SAMPLE, WORK SHOULD BE PREFORM
F.	ALL HOLLOW METAL DOOR FRAMES TO BE PAINTED PT-2. (
G.	PROVIDE TRANSITION STRIPS AT ALL LOCATIONS THAT HAR REFER TO TYPICAL TRANSITION STRIP DETAILS FOR APPRITRANSITIONS TO BE CENTERED UNDER DOORS IN A CLOSE RESPONSIBLE FOR VERIFYING APPROPRIATE SIZES OF TRANSITYPES.
Н.	ALL SCHLUTER TRANSITION STRIPS TO BE INSTALLED PER
I.	ALL VINYL TRANSITION STRIP COLORS TO MATCH ADJACEN APPROVAL.
J.	VERIFY GROUT AND MORTAR THICKNESS PER MANUFACTU
K.	FLOOR FINISH LEGEND HATCHES INDICATE FLOORING TYP ACTUAL FLOORING PATTERN AND LAYOUT. (UNO)
L.	FOR FLOOR PATTERN INSTALL DIRECTION REFER TO THE I
Μ.	PROVIDE UNDER COUNTER HORIZONTAL METAL SUPPORT
N.	IF EXISTING CORNER GUARDS ARE DAMAGED DURING CON CORNER GUARDS.

**GENERAL FLOOR FINISH NOTES:** 

PROCEEDING WITH THE WORK.

	SGA KEYNOTE
KEY VALUE	KEYNOTE T
8.04	INSTALL NEW HOLLOW METAL FRAME AND WOOD I
9.29	INSTALL NEW STATIC DISSIPATIVE SHEET VINYL - S INSTALLATION.
9.30	INSTALL NEW STATIC DISSIPATIVE SHEET VINYL - S INSTALLATION.
9.31	PATCH FLOORING TO MATCH EXISTING WOOD PLAN

## **GENERAL DOOR AND WINDOW NOTES:**

- PROVIDE GLAZING AS REQUIRED BY 2018 IBC. (U.O.N.). PROVIDE 1" INSULATED GLASS FOR ALL EXTERIOR GLAZING AND 1/4" GLASS FOR ALL INTERIOR GLAZING.
- VERIFY ALL DOOR AND WINDOW OPENINGS WITH MANUFACTURER. PROVIDE ADA APPROVED LEVER TYPE HARDWARE FOR ALL DOORS UNLESS OTHERWISE NOTED

Α

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С

ANY DISCREPANCIES OR CONFLICTS FOUND IN THE VARIOUS PARTS OF THE CONSTRUCTION DOCUMENTS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT AND THE OWNER BEFORE FINISH SCHEDULES DENOTE FINISHES THROUGHOUT THE PROJECT. FOR LOCATIONS REFER TO THE TED CEILING PLANS, AND INTERIOR SUBSTANTIAL LEAD TIMES. THE

RDERS IN A MANNER TO ENSURE THEIR SIBLE FOR EXPENSES, INCLUDING DESIGN TO FAILURE TO ORDER PRODUCTS IN A E WITH DRAWINGS AND SPECIFICATIONS. BE SUBMITTED TO THE ARCHITECT FOR

TAINED, SEALED AND SHOP FINISHED TO RMED IN A DUST FREE ENVIRONMENT. . (UNO) HAVE A CHANGE IN FLOORING MATERIALS. PROVED TRANSITION STRIPS. ALL OSED POSITION, (UNO). CONTRACTOR IS TRANSITION STRIPS BASED ON MATERIAL ER MANUFACTURER'S RECOMMENDATIONS. CENT FLOORING. SUBMIT SAMPLE FOR

TURER'S RECOMMENDATIONS. TYPES, NOT

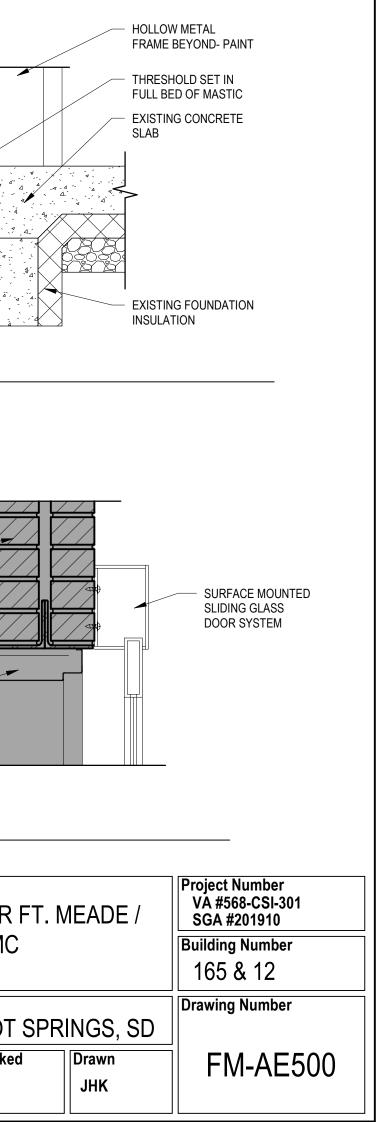
E INSTALLATION SYMBOL. RTS FOR TROUGH LAVATORIES. CONSTRUCTION, REPLACE WITH NEW

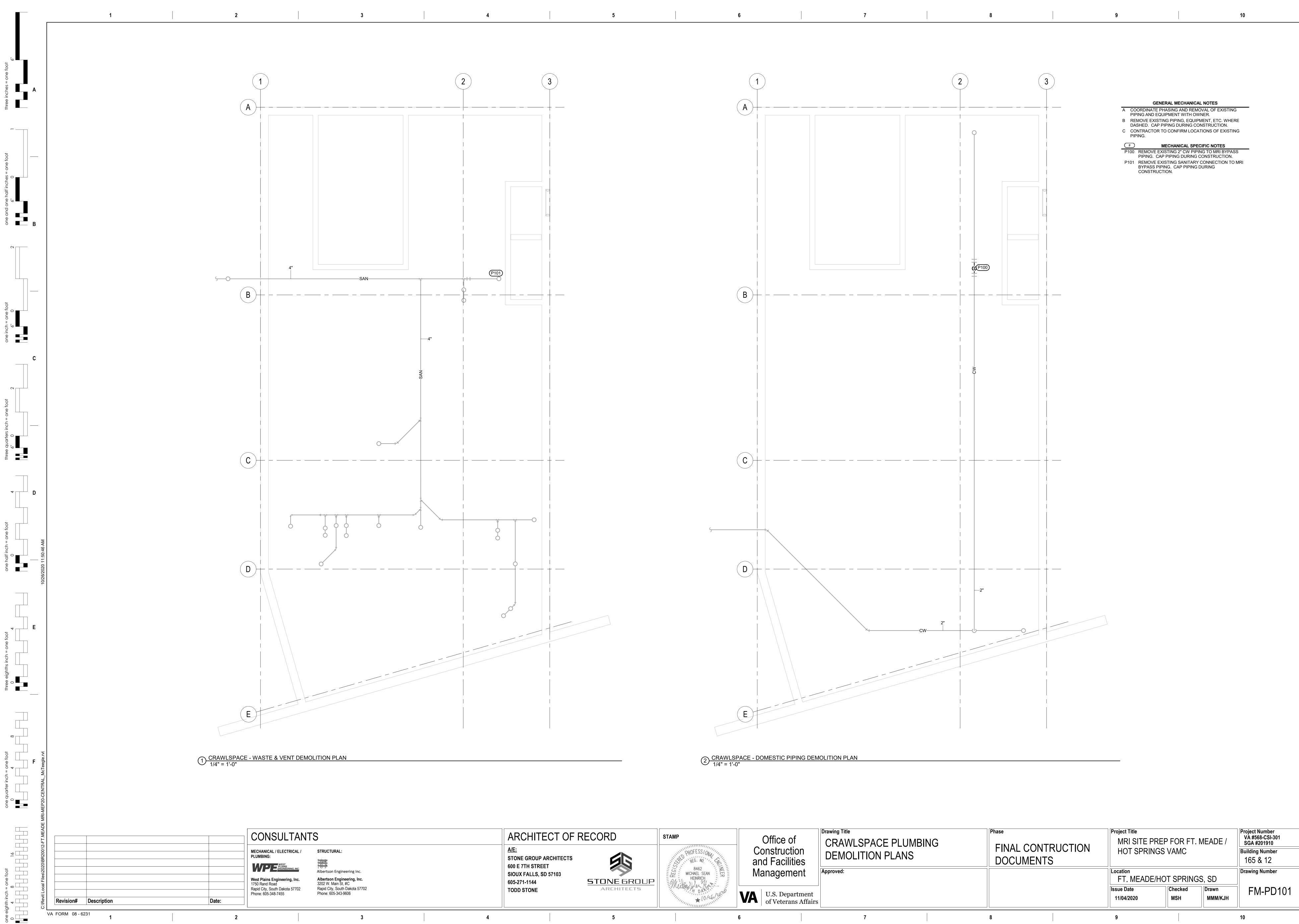
## ES

D DOOR. SEE DOOR SCHEDULE. - SV1. COORDINATE WITH RF FLOORING - SV2. COORDINATE WITH RF FLOORING ANK FLOORING - WF-1

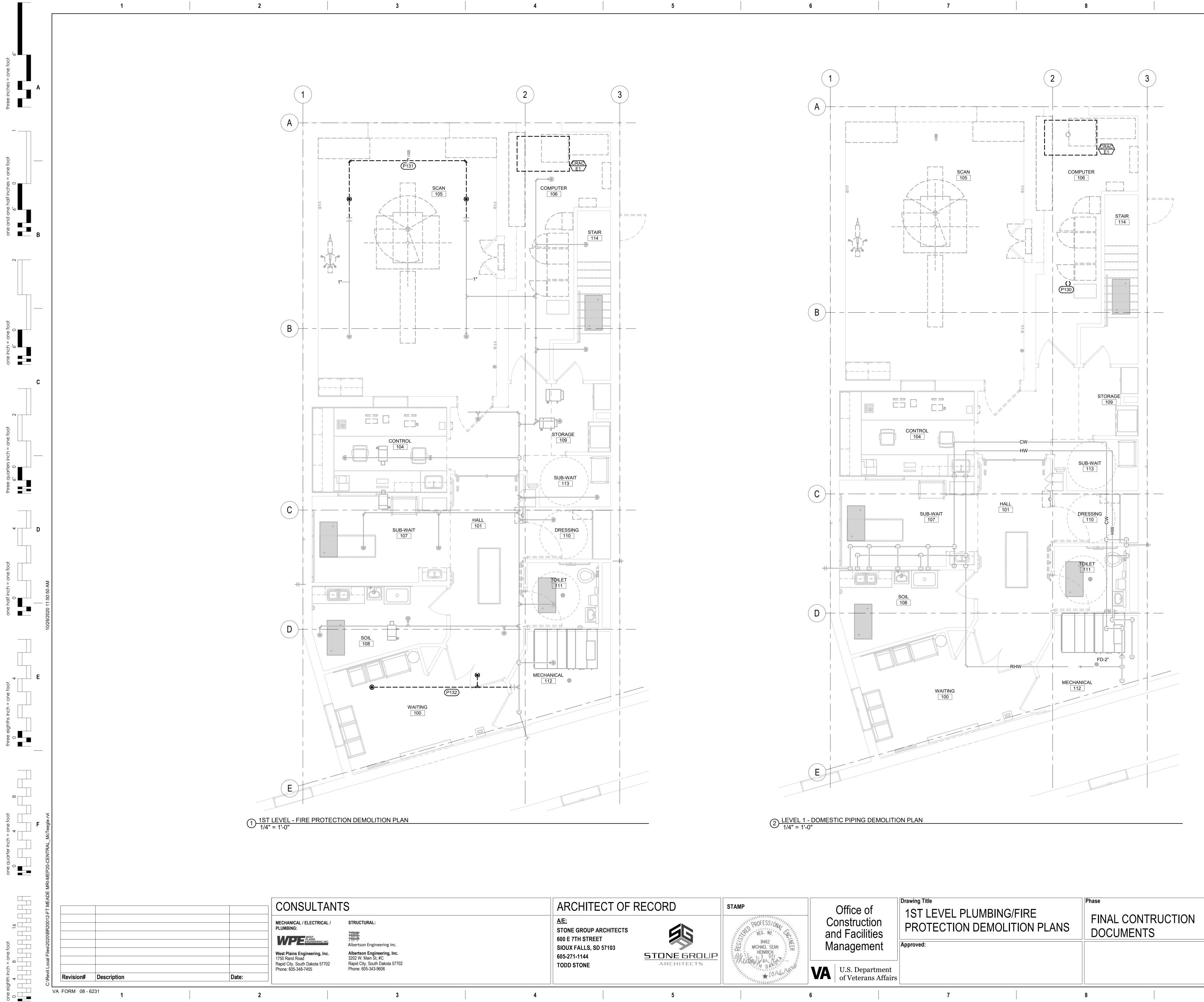
WHERE THRESHOLDS ARE REQUIRED, PROVIDE LOW PROFILE ADA COMPLIANT THRESHOLD. COORDINATE DOOR PROTECTION WITH DOOR SUPPLIER.

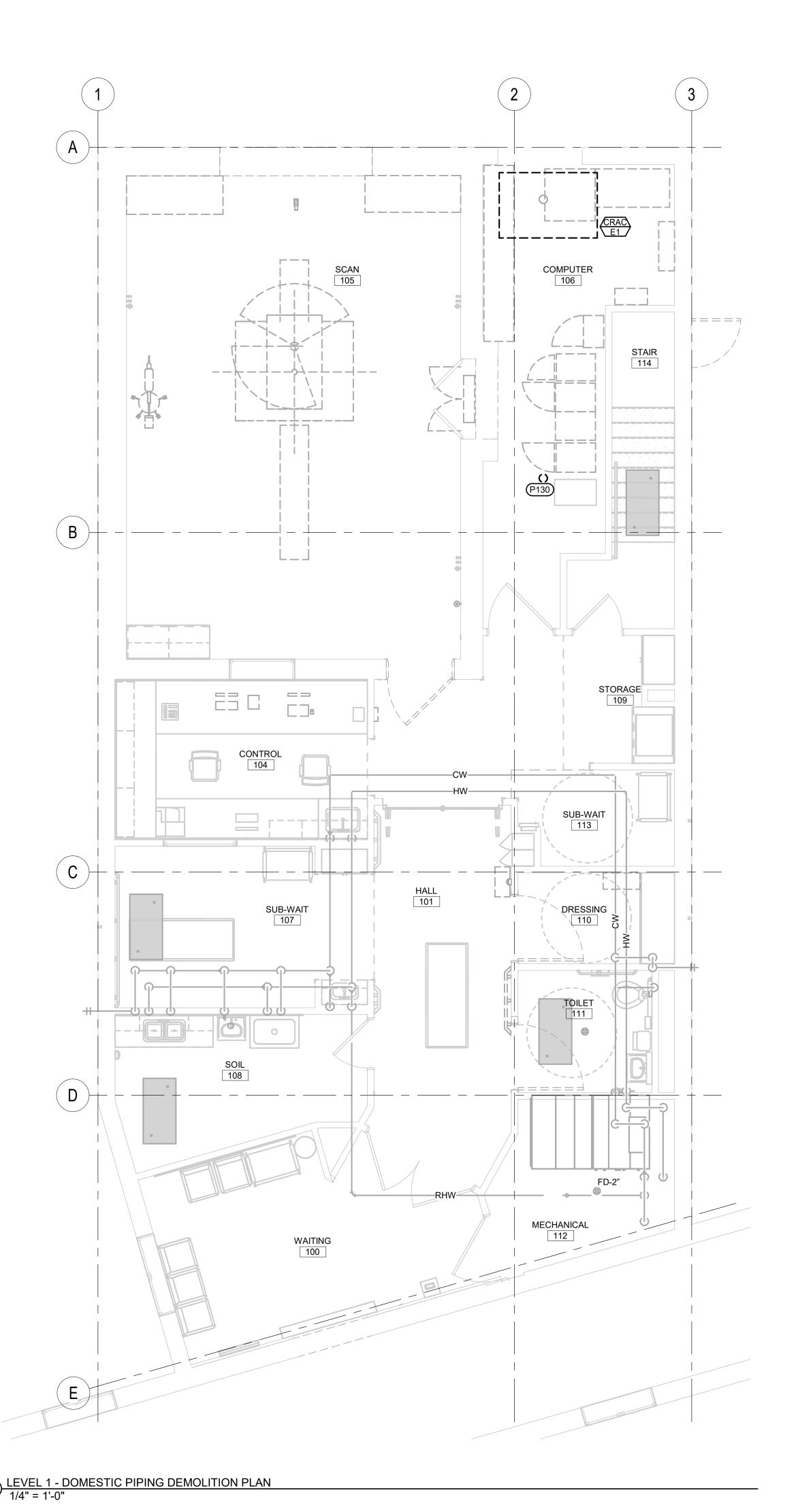
COORDINATE DOOR HARDWARE STYLE AND FINISH WITH OWNER. LOCATIONS. VERIFY WITH OWNER AND 2015



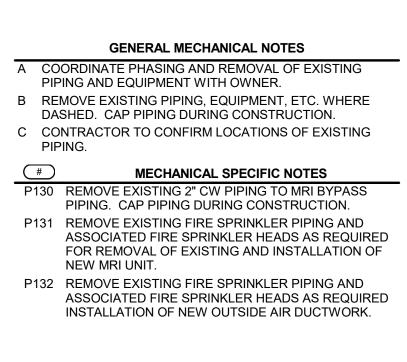


e of iction cilities	Drawing Title CRAWLSPACE PL DEMOLITION PLA		CONTRUCTIOI MENTS	N Project Title MRI SITE PREP FOF HOT SPRINGS VAM		
ement	Approved:				Location FT. MEADE	HOT SPR
epartment erans Affairs					Issue Date 11/04/2020	Checked MSH
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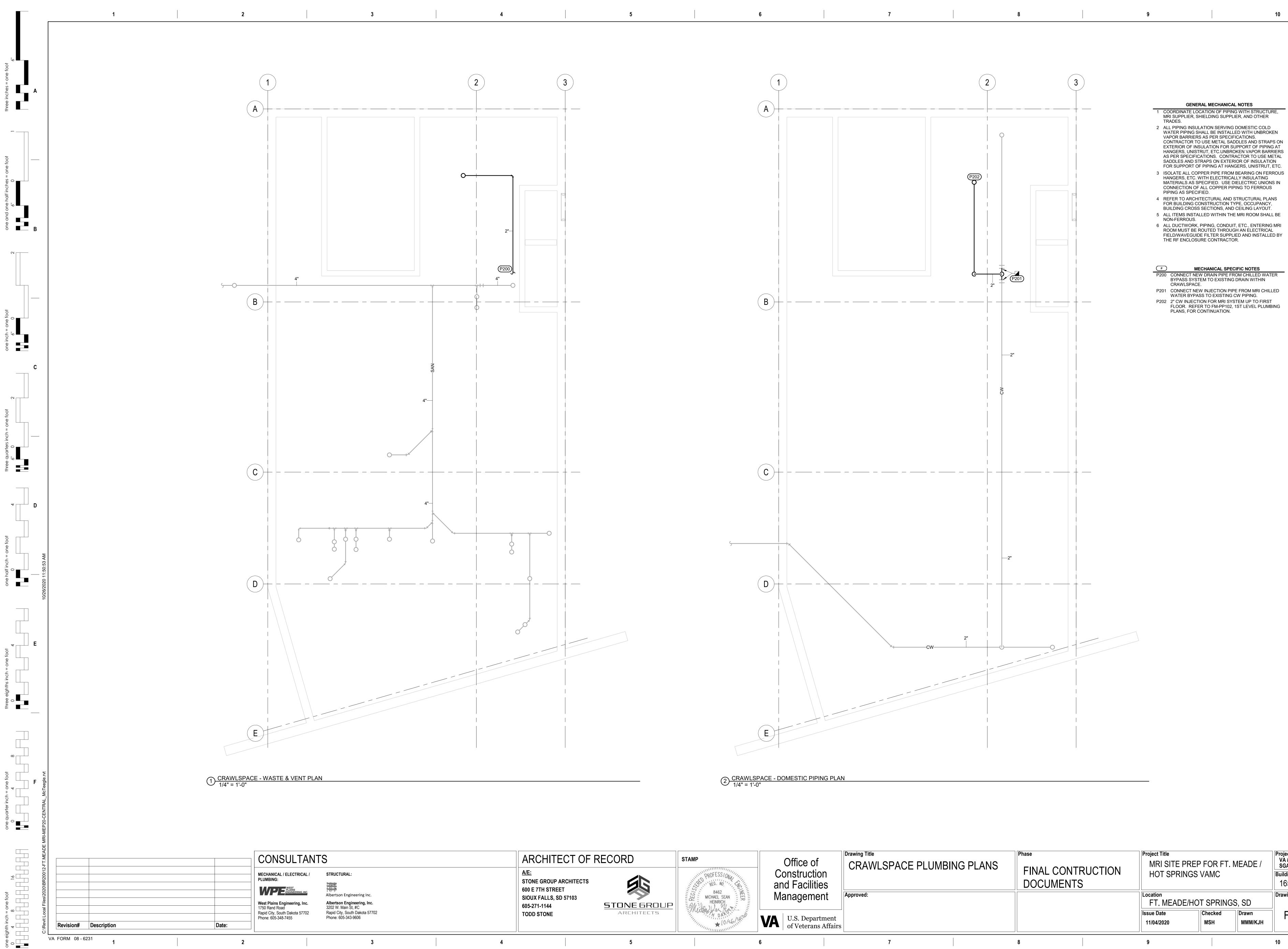


e of uction cilities	Drawing Title 1ST LEVEL PLUMBING/ PROTECTION DEMOLIT	 Phase FINAL CONT DOCUMENT	Project Title MRI SITE PREP FOR F HOT SPRINGS VAMC		
ement	Approved:		Location FT. MEADE/HO	T SPRIN	
epartment erans Affairs			Issue Date 11/04/2020	Checked MSH	
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INSTALLATION OF NEW OUTSIDE AIR DUCTWORK.

Project Number VA #568-CSI-301 SGA #201910 R FT. MEADE / Building Number 165 & 12 Drawing Number PRINGS, SD ked Drawn FM-PD102 MMM/KJH



e of iction cilities	Drawing Title CRAWLSPACE PLU	MBING PLANS		CONTRU MENTS	JCTION	Project Title MRI SITE F HOT SPRIN	_
	Approved:					Location FT. MEADE	E/HOT SPR
epartment erans Affairs						Issue Date 11/04/2020	Checked MSH
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# GENERAL MECHANICAL NOTES

WATER PIPING SHALL BE INSTALLED WITH UNBROKEN CONTRACTOR TO USE METAL SADDLES AND STRAPS ON EXTERIOR OF INSULATION FOR SUPPORT OF PIPING AT HANGERS, UNISTRUT, ETC. UNBROKEN VAPOR BARRIERS AS PER SPECIFICATIONS. CONTRACTOR TO USE METAL SADDLES AND STRAPS ON EXTERIOR OF INSULATION FOR SUPPORT OF PIPING AT HANGERS, UNISTRUT, ETC. MATERIALS AS SPECIFIED. USE DIELECTRIC UNIONS IN

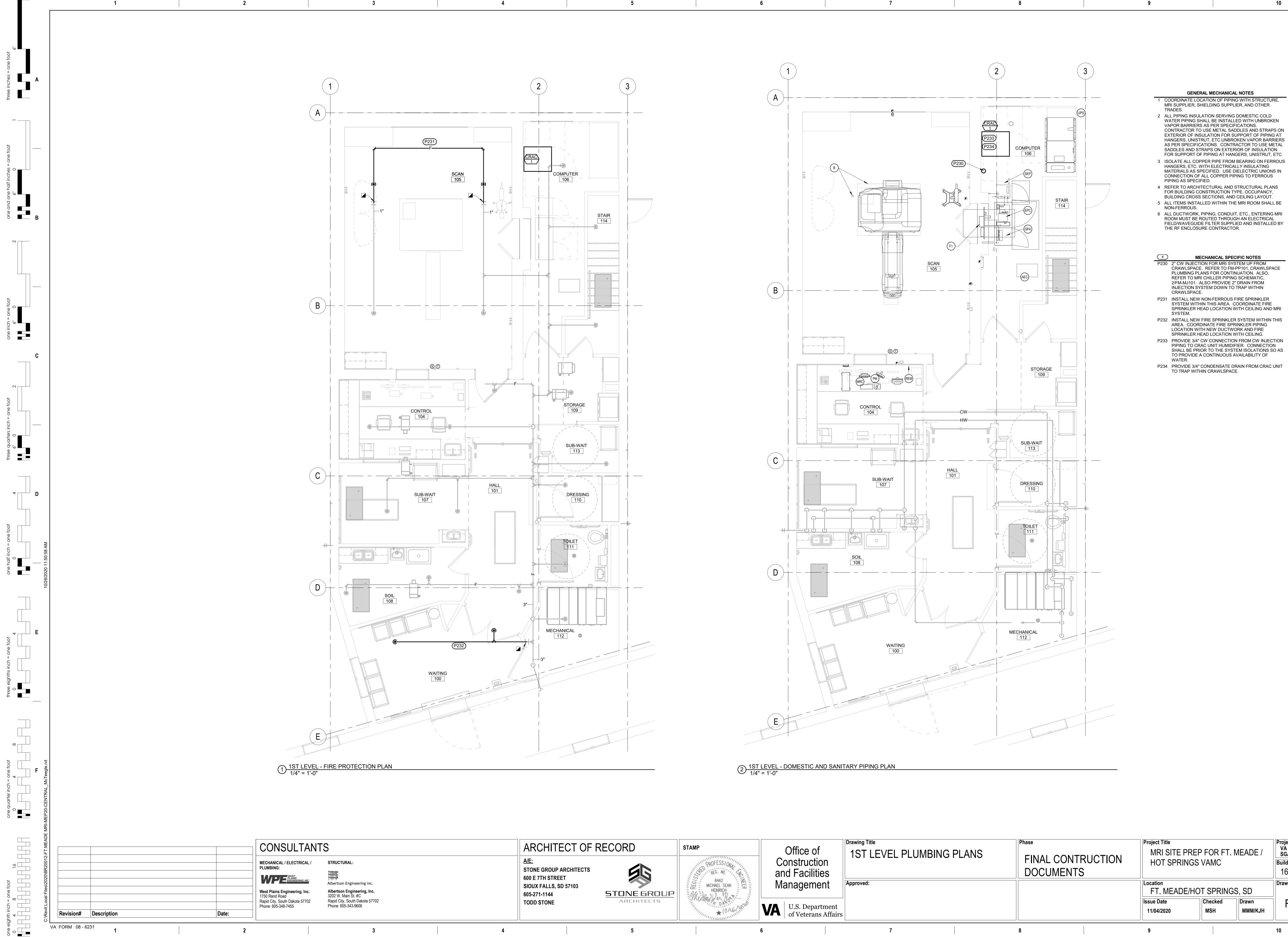
FIELD/WAVEGUIDE FILTER SUPPLIED AND INSTALLED BY

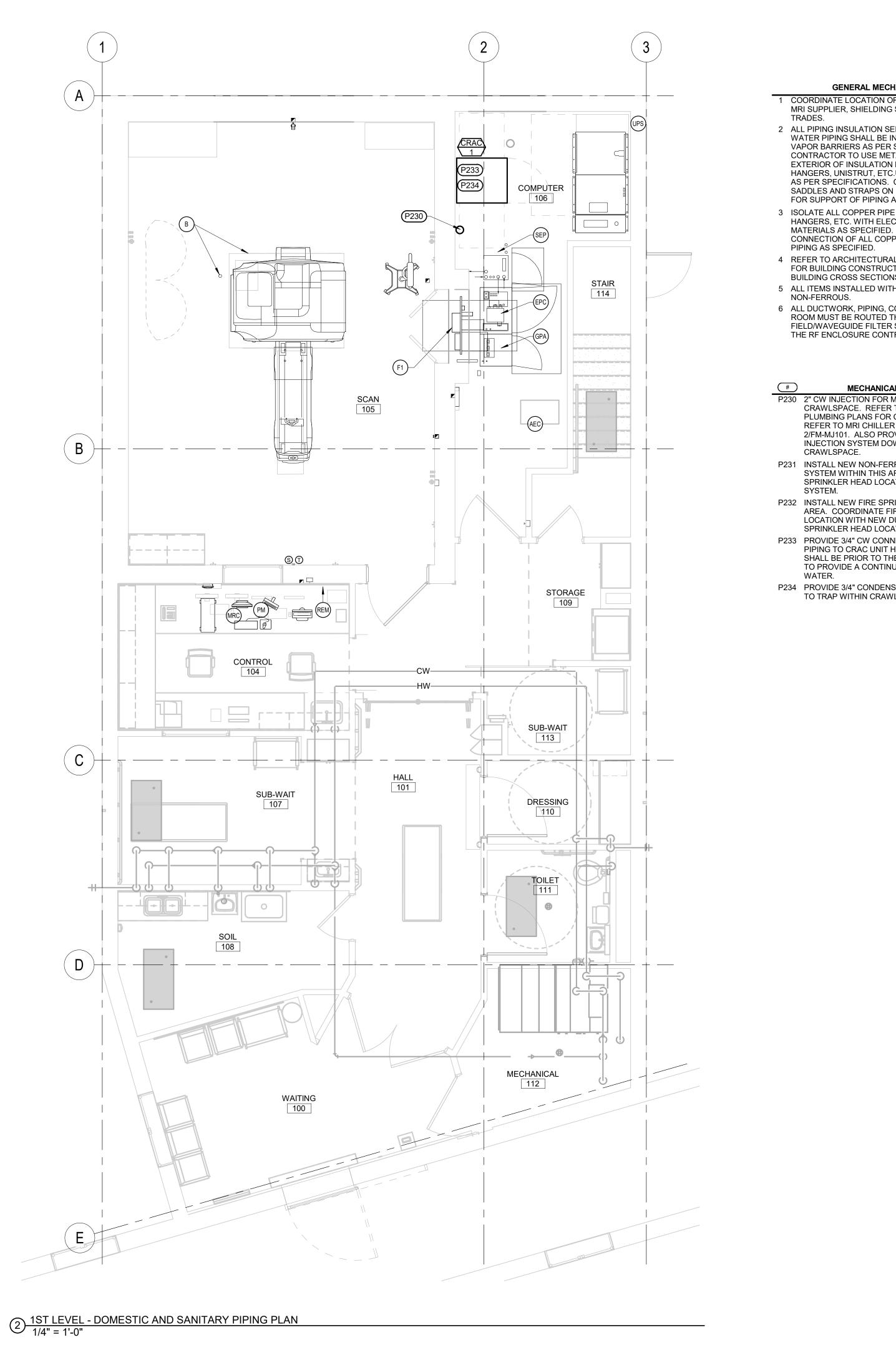
## MECHANICAL SPECIFIC NOTES

FLOOR. REFER TO FM-PP102, 1ST LEVEL PLUMBING PLANS, FOR CONTINUATION.

T.	MEADE /	

RINGS	S, SD
d	Drawn
	MMM/KJH





e of Iction cilities	Drawing Title 1ST LEVEL PLUMBING Approved:	PLANS	Phase FINAL CONTRUCTION DOCUMENTS	Location FT. MEADE/H Issue Date	S VAMC
erans Affairs				11/04/2020	MSH
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WATER PIPING SHALL BE INSTALLED WITH UNBROKEN CONTRACTOR TO USE METAL SADDLES AND STRAPS ON EXTERIOR OF INSULATION FOR SUPPORT OF PIPING AT HANGERS, UNISTRUT, ETC. UNBROKEN VAPOR BARRIERS AS PER SPECIFICATIONS. CONTRACTOR TO USE METAL SADDLES AND STRAPS ON EXTERIOR OF INSULATION FOR SUPPORT OF PIPING AT HANGERS, UNISTRUT, ETC. MATERIALS AS SPECIFIED. USE DIELECTRIC UNIONS IN

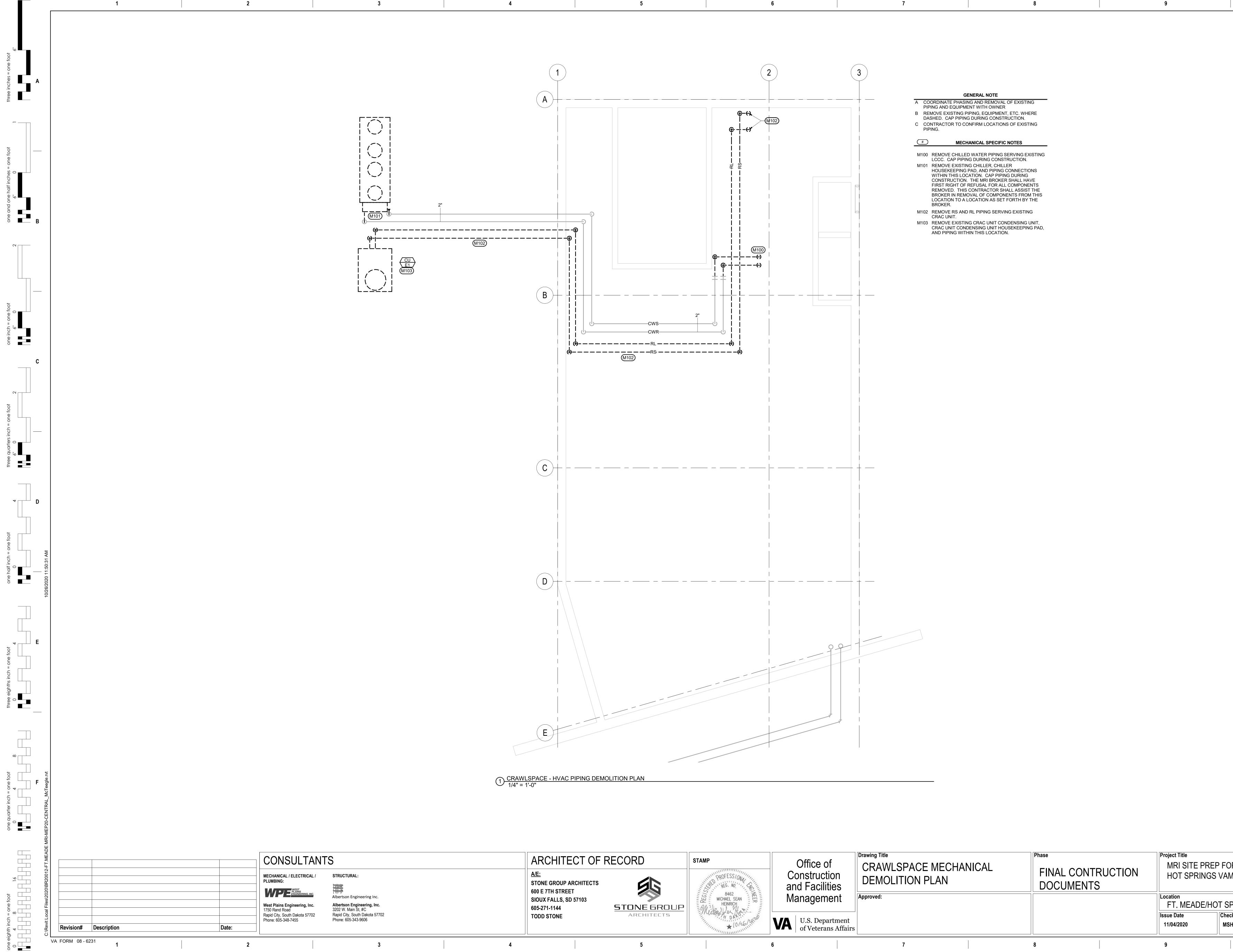
ROOM MUST BE ROUTED THROUGH AN ELECTRICAL FIELD/WAVEGUIDE FILTER SUPPLIED AND INSTALLED BY

MECHANICAL SPECIFIC NOTES

SPRINKLER HEAD LOCATION WITH CEILING AND MRI

PIPING TO CRAC UNIT HUMIDIFIER. CONNECTION SHALL BE PRIOR TO THE SYSTEM ISOLATIONS SO AS

FT.N	MEADE /	Project Number VA #568-CSI-301 SGA #201910
2		Building Number
		165 & 12
		Drawing Number
RING	S, SD	
ed	Drawn	FM-PP102
	MMM/KJH	



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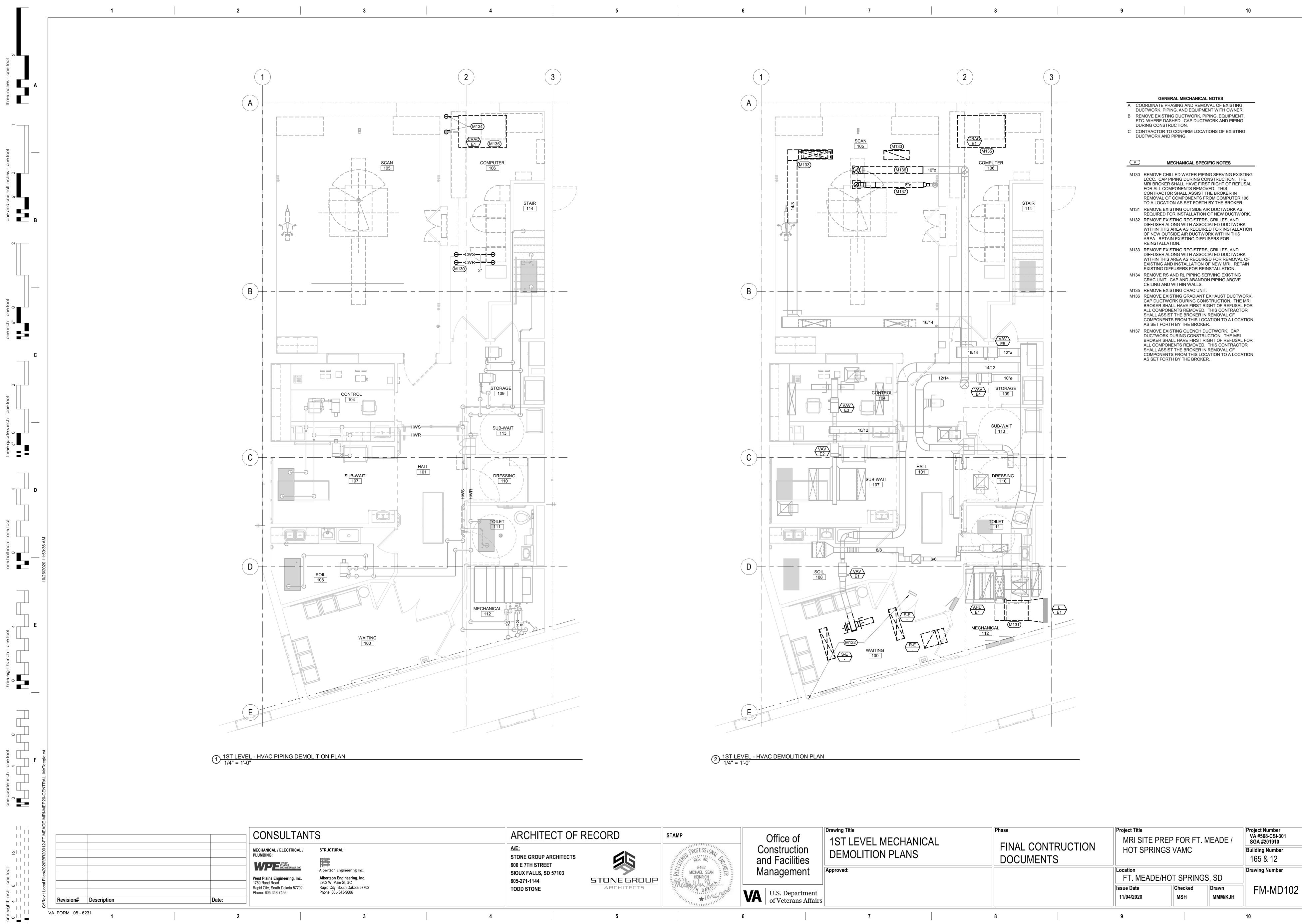
ARCHITECT OF F	RECORD	STAMP	Office of
<u>A/E:</u> STONE GROUP ARCHITECTS 600 E 7TH STREET SIOUX FALLS, SD 57103 605-271-1144	STONE GROUP	ROFESSION REG. NO. B462 MICHAEL SEAN HEINRICH	Constructi and Faciliti Manageme
TODD STONE	ARCHITECTS	+ 10/46/11/20	<b>VA</b> U.S. Depar of Veteran

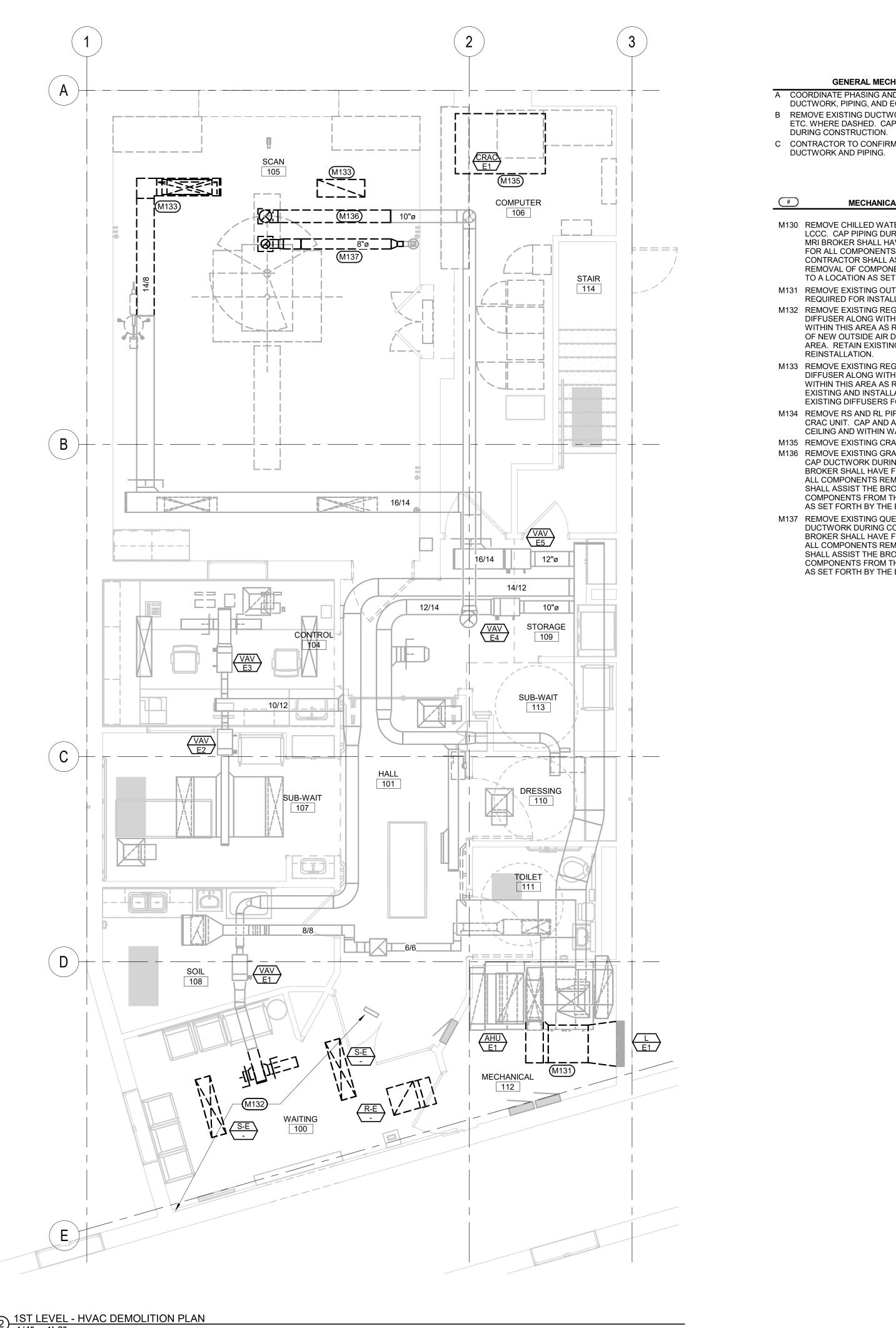
\$	STAMP PROFESS/04/	Office of Construction and Facilities	Drawing Title CRAWLSPACE MECHANICAL DEMOLITION PLAN	FINAL CONTRUCTION DOCUMENTS	Project Title MRI SITE PR HOT SPRING	EP FOR FT. ME SS VAMC
ROUP	8462 MICHAEL SEAN HEINRICH	Management	Approved:		Issue Date	HOT SPRINGS,
	* 10/46/11	<b>VA</b> U.S. Department      of Veterans Affairs	7	8	9	MSH

1EADE /	Project Number VA #568-CSI-301 SGA #201910		
	Building Number		
	165 & 12		
	Drawing Number		
s, SD			
Drawn	FM-MD101		
MMM/KJH			

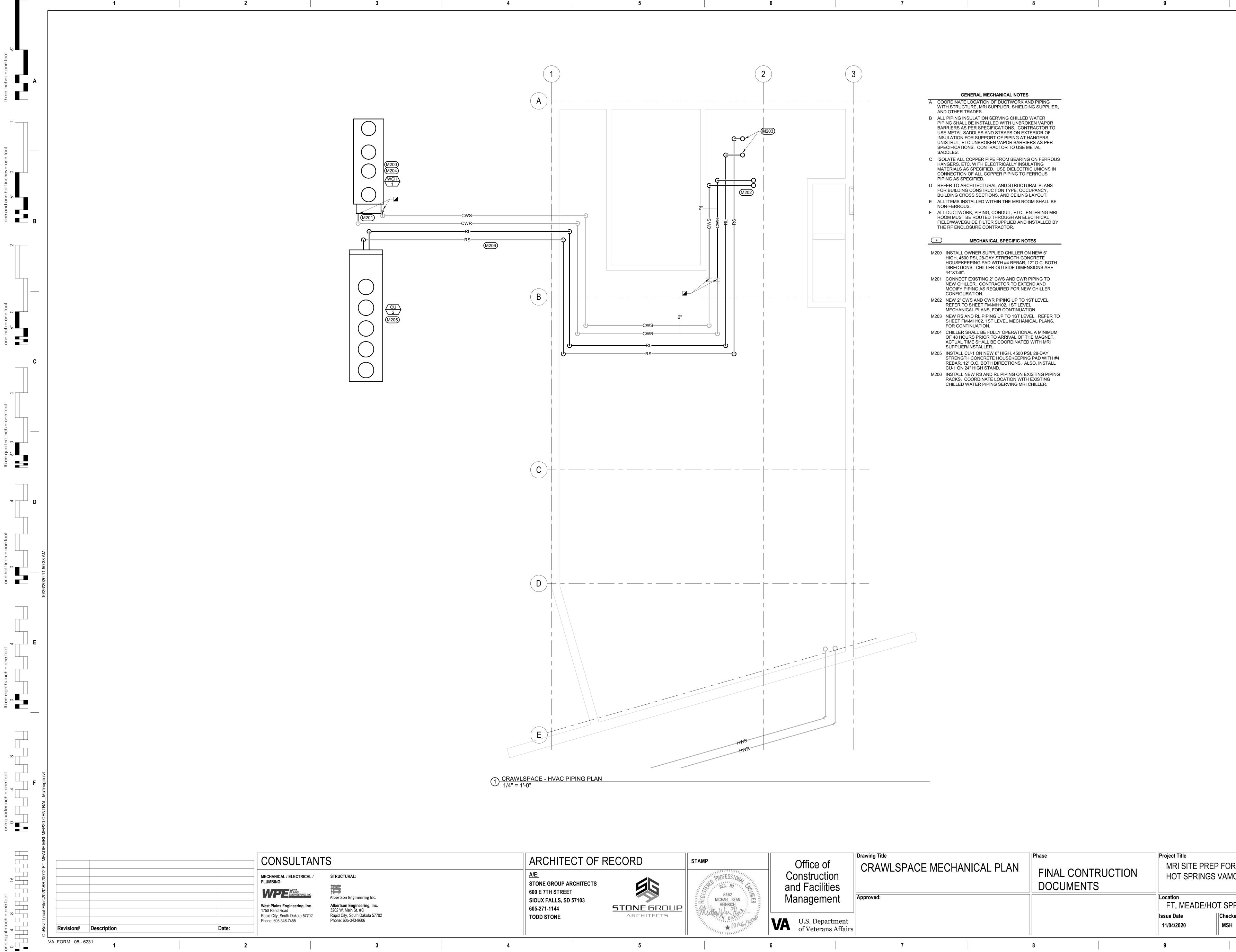
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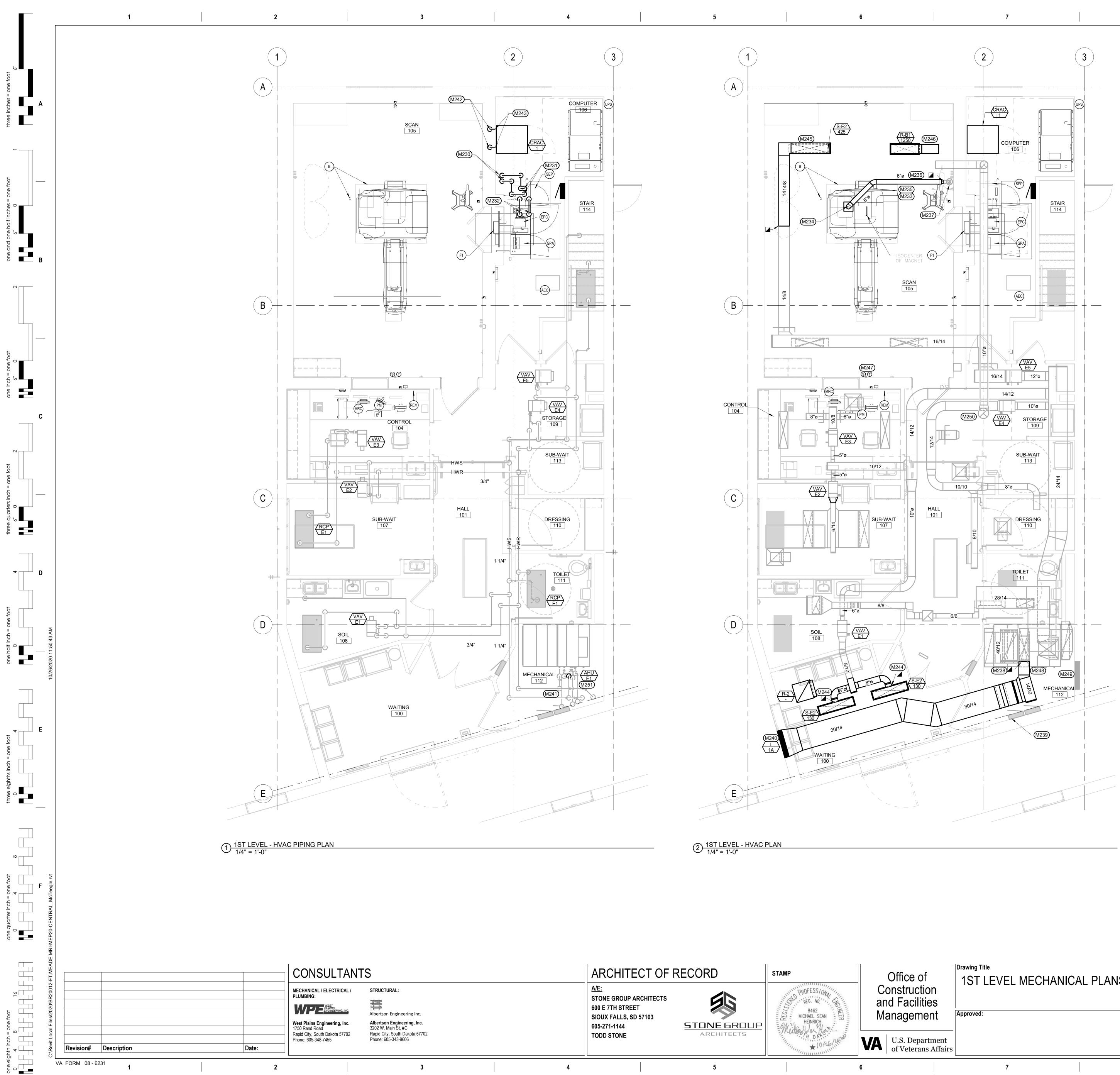


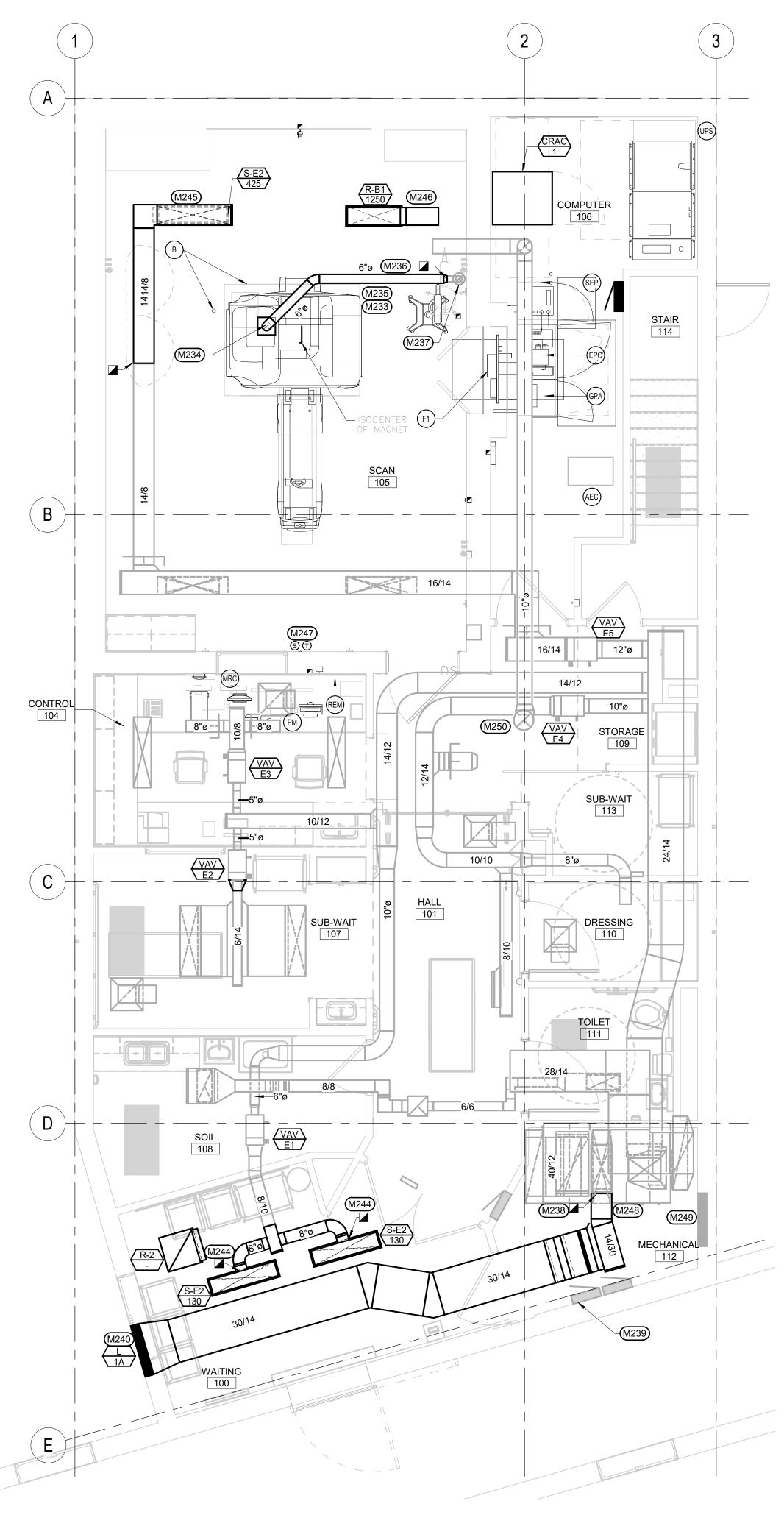
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e <b>ment</b> epartment erans Affairs	Approved:		Location FT. MEADE/HOT Issue Date 11/04/2020	「SPRI Checked MSH
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Office of Instruction Facilities	Drawing Title CRAWLSPACE MECHAN	ICAL PLAN	Phase FINAL CONT DOCUMENTS	 Project Title MRI SITE PREF HOT SPRINGS	-	/IEADE /	Project Number VA #568-CSI-301 SGA #201910 Building Number 165 & 12
nagement	Approved:			Location FT. MEADE/HO	T SPRING	S, SD	Drawing Number
U.S. Department of Veterans Affairs				Issue Date 11/04/2020	Checked MSH	Drawn MMM/KJH	FM-MH101
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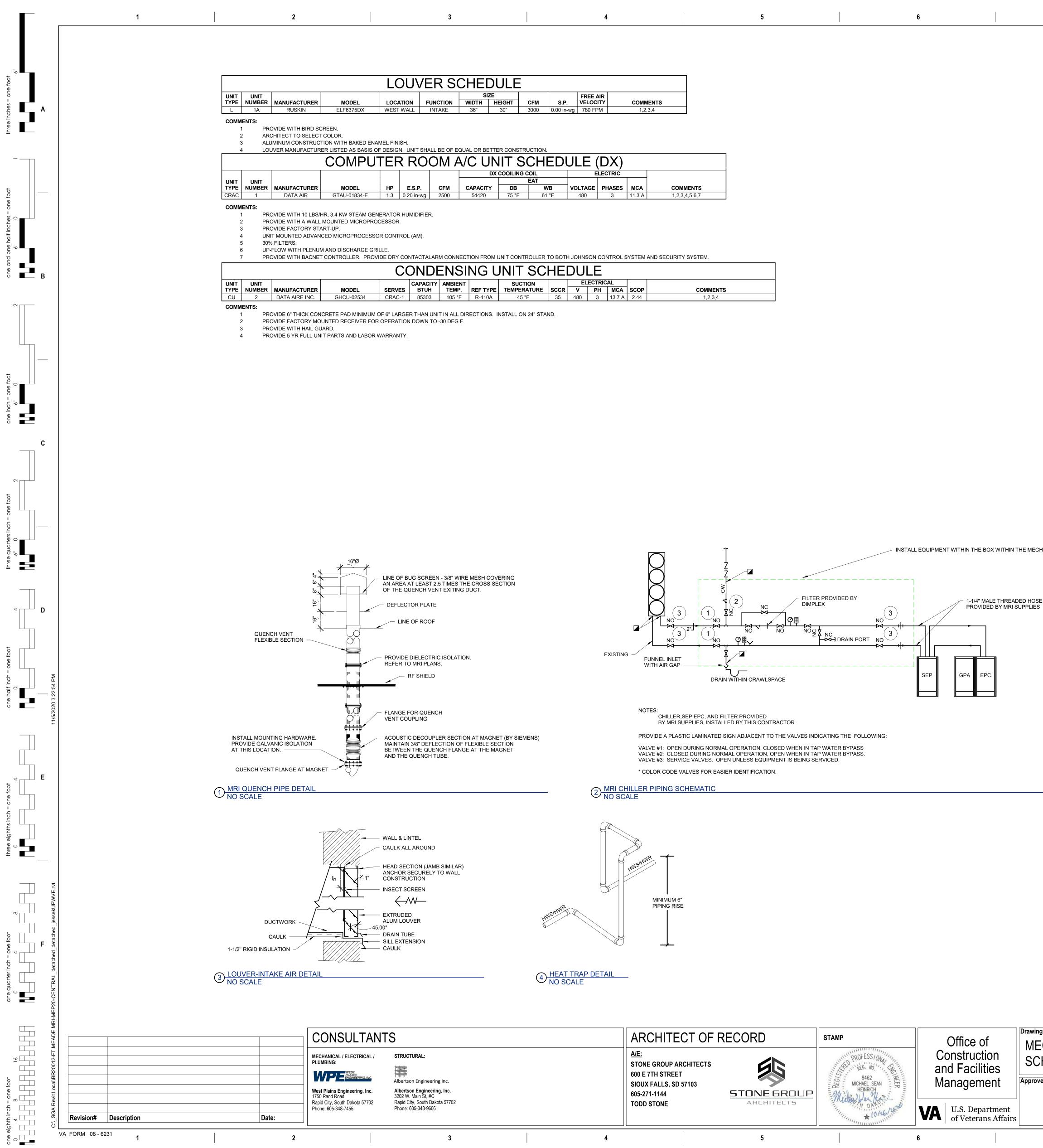


INATE LOCATI	MECHANICAL NOTES	#		MECHANICAL SPE			
HER TRADES.	RI SUPPLIER, SHIELDING SUPPLIER,	M230	REFER TO S	CWR PIPING UP F HEET FM-MH101, ( L PLAN, FOR CON		Æ.	
SHALL BE INST RS AS PER SP	ON SERVING CHILLED WATER TALLED WITH UNBROKEN VAPOR ECIFICATIONS. CONTRACTOR TO	M231	CONNECT N SEP CABINE	EW 2" CWS AND C T. UTILIZE FLEXIE	WR PIPING TO NEV BLE HOSES (BY MRI		
TAL SADDLES	AND STRAPS ON EXTERIOR OF PORT OF PIPING AT HANGERS, OKEN VAPOR BARRIERS AS PER	M232	MANUFACTU CONNECT N	JRER) FOR CONNE EW MRI SEP TO N	ECTION. EW MRI EPC WITH		
	NTRACTOR TO USE METAL	MOOO	MANUFACTU	JRER'S REQUIREM		IKI	
RS, ETC. WITH	PIPE FROM BEARING ON FERROUS ELECTRICALLY INSULATING	wi233 S	HYDRAULICA 90 DEGREES	S AND A DIFFUSEF	CTIONS, BENDS UP R. THE END OF THE		
	FIED. USE DIELECTRIC UNIONS IN COPPER PIPING TO FERROUS		FOREIGN OF	BJECTS. ROUND S	ROM RAIN, SNOW, ECTIONS ONLY, NC		
TO ARCHITEC <sup>-</sup> JILDING CONST	TURAL AND STRUCTURAL PLANS RUCTION TYPE, OCCUPANCY,	M234		ID INSTALL QUEN	CH VENT TUBE FRC XISTING WITHIN RC		
NG CROSS SEC MS INSTALLED	WITHIN THE MRI ROOM SHALL BE		TUBE TO BE GAUGE), GR	NON-MAGNETIC S ADES AISI3D4, 309	STAINLESS STEEL ( 9, 316, OR 321 ONLY	L.22 (, OR	
ERROUS. CTWORK, PIPII	NG, CONDUIT, ETC., ENTERING MRI		ALUMINUM E GRADES 606	EXTRUDED TUBE ( 53 AND 6082. REFI	MINIMUM 14 GAUGI	E)	
VAVEGUIDE FIL	ED THROUGH AN ELECTRICAL TER SUPPLIED AND INSTALLED BY CONTRACTOR.		INFORMATIC			<b>X</b>	В
		10200	INSULATION ROOM THER	FOR THE FULL LE	NGTH. WITHIN THE " LAYER OF MINER/	AL .	
			CLASS D OR	CLASS AP CELLU	POR BARRIER AND ILAR FOAM INSULA EATHERPROOF. THI	TION.	
			INSULATION COVERS. TO	MUST NOT TOUC	H THE MAGNET RBANCES THE		
			WITH THE W	AVEGUIDE.	ELECTRICAL CONT	ACT	
		M236	BETWEEN T		□ BE PROVIDED QUENCH VENT, TH VO SEPARATIONS A		
			REQUIRED U	JSING STAINLESS BUSHES AND LOO	STEEL BOLTS, CKING NUTS. NO O		
		M237	QUENCH PIF		EFER TO MRI QUEN	лСН	
			CONNECT N		1. DUCT TO EXISTING		
		M239			EW OUTSIDE AIR D	UCT	
			LOCATION.		PANELS IN THIS		
		M241	GENERAL COORDINAT	ONTRACTOR. E LOCATION OF H	WS AND HWR PIPIN		c
			WITH NEW C LOCATION.	OUTSIDE AIR DUCT RELOCATE AS RE	WITHIN THIS QUIRED		
		NA040	SOLATION \	ATELY 10' OF PIPIN /ALVES IN RELOC/ D RI PIPING UP FR	ATED PIPING.		
			EXPOSED IN		ROM CRAWLSPACE TO SHEET FM-MH10 PLANS, FOR		
			CONTINUAT	ION. EW RS AND RL PIF	PING TO CRAC UNIT		
			CRAC UNIT.				
				CONNECT NEW 8"	FFUSER WITHIN TH DUCTWORK TO	IS	
		M245	INSTALL NE	W 14/8 NON-FERRO	OUS DUCTWORK. ER WITHIN CEILING	AND	
		M246	CONNECT TO	O NEW DUCTWOR			
			BOOT FOR D	DIFFUSER.	DN-FERROUS DUCT		
		M247	WITHIN THIS	LOCATION. THE	AND OXYGEN SENS ELECTRICAL THE CONDUIT INTO		
			ROOM AND COORDINAT	TO THE SENSOR L E WITH ELECTRIC	OCATIONS. AL CONTRACTOR.	THIS	
			FOR INSTAL	LATION OF THERM	L CABLES NECESS OSTAT AND OXYG	EN	D
			ROOM SHAL	L BE NON-FERRO	US. THERMOSTAT	IKI	
			19.5% OXYG	EN. PROVIDE VIS	EVELS FALL TO BEL UAL ALARM WITHIN		
		M248	PROVIDE NE	W AIRFLOW SENS	W OXYGEN LEVEL. SOR FOR AIR HAND	LING	
		140.40	TRACK SUP	PLY FAN.	AVE RETURN FAN		
		M249	TIGHT. INSU	NG LOUVER TO BE JLATE CAP WITH 3 DUCT INSULATION.	" OF BOARD STYLE		
		M250	BALANCE EX		N TO 300 CFM FOR		
		M251	PIPING SERV	VING AHU-E1 AS P	I 1-1/4" HWS AND H ER HEAT TRAP DET		
			ON SHEET F	M-MJTUT.			
							E
							E
	MRI EQUIPM	ENT ME	ECHAN	ICAL SCH	IEDULE		E
				BTU/ŀ			E
ITEM	DESCRIPTION			BTU/H VR TO A	HR	MARKS	E
AEC B	DESCRIPTION AMBIENT EXPERIENCE CABINET SOLA MAGNET IN OPERATION	CV	VS CW	VR BTU/F TO A 3530 7506	IR REN		E
AEC	DESCRIPTION AMBIENT EXPERIENCE CABINET		VS CW	VR BTU/F TO A 3530 7506	HR IR REN THIS CONTR	ACTOR WILL ECT SEP AND EPC	E
AEC B	DESCRIPTION AMBIENT EXPERIENCE CABINET SOLA MAGNET IN OPERATION ELECTRONICS CABINET	CV	VS CW	VR BTU/F TO A 3530 7506	HR IR REN THIS CONTR INTERCONN CABINETS W	ACTOR WILL ECT SEP AND EPC	E
AEC B EPC F1 GPA	DESCRIPTION AMBIENT EXPERIENCE CABINET SOLA MAGNET IN OPERATION ELECTRONICS CABINET RF-FILTER PLATE (HORIZONTAL) ELECTRONICS CABINET	CV	VS CW	VR BTU/F TO A 3530 7506 2706 853 2706	HR IR REN THIS CONTR INTERCONN CABINETS W	ACTOR WILL ECT SEP AND EPC /ITH HOSES	E
AEC B EPC F1 GPA MRC PM	DESCRIPTION AMBIENT EXPERIENCE CABINET SOLA MAGNET IN OPERATION ELECTRONICS CABINET RF-FILTER PLATE (HORIZONTAL) ELECTRONICS CABINET HOST PC MRC & MONITOR PATIENT MONITOR	CV	VS CW	VR BTU/H TO A 3530 7506 2706 853	HR IR REN THIS CONTR INTERCONN CABINETS W	ACTOR WILL ECT SEP AND EPC /ITH HOSES	E
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AEC B EPC F1 GPA MRC PM REM SEP	DESCRIPTION         AMBIENT EXPERIENCE CABINET         SOLA MAGNET IN OPERATION         ELECTRONICS CABINET         RF-FILTER PLATE (HORIZONTAL)         ELECTRONICS CABINET         HOST PC MRC & MONITOR         PATIENT MONITOR         REMOTE CHILLER CONTROLLER         SEP CABINET	2'	VS CV " 2	VR BTU/F TO A 3530 7506 2706 853 2706 2628 342	HR REN IR REN THIS CONTR INTERCONN CABINETS W PROVIDED E	ACTOR WILL ECT SEP AND EPC /ITH HOSES BY MRI SUPPLIER	
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AEC B EPC F1 GPA MRC PM REM SEP UPS	DESCRIPTION AMBIENT EXPERIENCE CABINET SOLA MAGNET IN OPERATION ELECTRONICS CABINET RF-FILTER PLATE (HORIZONTAL) ELECTRONICS CABINET HOST PC MRC & MONITOR PATIENT MONITOR REMOTE CHILLER CONTROLLER SEP CABINET EATON 93PM 180 KW UPS WITH	Project Title MRI S	VS CV	PFOR FT.	HR REN IR REN IR REN INTERCONN CABINETS W PROVIDED E INTERCONN CABINETS W PROVIDED E	ACTOR WILL ECT SEP AND EPC /ITH HOSES 3Y MRI SUPPLIER ACTOR WILL ECT SEP AND EPC /ITH HOSES 3Y MRI SUPPLIER 3Y MRI SUPPLIER	
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AEC B EPC F1 GPA MRC PM REM SEP UPS	DESCRIPTION AMBIENT EXPERIENCE CABINET SOLA MAGNET IN OPERATION ELECTRONICS CABINET RF-FILTER PLATE (HORIZONTAL) ELECTRONICS CABINET HOST PC MRC & MONITOR PATIENT MONITOR REMOTE CHILLER CONTROLLER SEP CABINET EATON 93PM 180 KW UPS WITH BATTERY &: MAINTENANCE BYPAS	Project Title MRI S HOT S	VS CW	BTU/H TO A 3530 7506 2706 2628 342 3412 20525	HR REN IR REN IR REN INTERCONN CABINETS W PROVIDED E INTERCONN CABINETS W PROVIDED E	ACTOR WILL ECT SEP AND EPC /ITH HOSES BY MRI SUPPLIER ACTOR WILL ECT SEP AND EPC /ITH HOSES BY MRI SUPPLIER BY MRI SUPPLIER Project Number VA #568-CSI-301 SGA #201910 Building Number	
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AEC B EPC F1 GPA MRC PM REM SEP UPS	DESCRIPTION AMBIENT EXPERIENCE CABINET SOLA MAGNET IN OPERATION ELECTRONICS CABINET RF-FILTER PLATE (HORIZONTAL) ELECTRONICS CABINET HOST PC MRC & MONITOR PATIENT MONITOR REMOTE CHILLER CONTROLLER SEP CABINET EATON 93PM 180 KW UPS WITH BATTERY &: MAINTENANCE BYPAS	Project Title MRI S HOT S		BTU/H TO A 3530 7506 2706 2628 342 3412 20525	HR REN IR REN IR REN INTERCONN CABINETS W PROVIDED E INTERCONN CABINETS W PROVIDED E	ACTOR WILL ECT SEP AND EPC /ITH HOSES BY MRI SUPPLIER ACTOR WILL ECT SEP AND EPC /ITH HOSES BY MRI SUPPLIER Project Number VA #568-CSI-301 SGA #201910 Building Number 165 & 12	
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	GENERALI	MECHANICAL NOTES	(#		MEC	HANICAL SPEC	IFIC NOTES	
	NATE LOCATIO	DN OF DUCTWORK AND PIPING RI SUPPLIER, SHIELDING SUPPLIER,		80 2" CW	/S AND CW		OM CRAWL SPA	CE.
ALL PIPII PIPING S	NG INSULATIC SHALL BE INST	N SERVING CHILLED WATER ALLED WITH UNBROKEN VAPOR ECIFICATIONS. CONTRACTOR TO	M23	MECH 1 CONN	HANICAL PL	AN, FOR CONTI 2" CWS AND CW	INUATION. /R PIPING TO NE	
USE MET	TAL SADDLES TION FOR SUP	AND STRAPS ON EXTERIOR OF PORT OF PIPING AT HANGERS, OKEN VAPOR BARRIERS AS PER	M23	MANU 2 CONN	JFACTURE	R) FOR CONNEC	W MRI EPC WITH	I
SPECIFIC SADDLE	CÁTIONS. CO S.	NTRACTOR TO USE METAL	M23	MANU 3 THE C	JFACTUREI QUENCH TL	R'S REQUIREME	OF STRAIGHT,	
HANGER MATERIA	RS, ETC. WITH ALS AS SPECI	ELECTRICALLY INSULATING FIED. USE DIELECTRIC UNIONS IN COPPER PIPING TO FERROUS	, ,	90 DE TUBE	GREES AN	D A DIFFUSER. PROTECTED FR	TIONS, BENDS U THE END OF THI OM RAIN, SNOW CTIONS ONLY, N	E , AND
PIPING A	AS SPECIFIED.		M23	SQUA 4 PROV	ARE SECTIO	ONS. ISTALL QUENCH	H VENT TUBE FR	OM
BUILDIN	G CROSS SEC /IS INSTALLED	TIONS, AND CEILING LAYOUT. WITHIN THE MRI ROOM SHALL BE		TUBE GAUG	TO BE NO	N-MAGNETIC ST S AISI3D4, 309,	ISTING WITHIN F TAINLESS STEEL 316, OR 321 ONL	(L.22 .Y, OR
ROOM M	TWORK, PIPIN IUST BE ROUT	NG, CONDUIT, ETC., ENTERING MRI ED THROUGH AN ELECTRICAL		GRAD INSTA	DES 6063 AI	ND 6082. REFE	IINIMUM 14 GAUG R TO MRI ENS FOR FURTHE	
		TER SUPPLIED AND INSTALLED BY CONTRACTOR.		5 THE C	QUENCH TU LATION FOR	-	IGTH. WITHIN TH	
				FIBEF CLAS	R INSULATIONS D OR CLA	ON WITH A VAP ASS AP CELLUL	LAYER OF MINEF OR BARRIER AN AR FOAM INSUL	D 1" ATION.
				INSUL COVE	LATION MU ERS. TO AV	ST NOT TOUCH OID RF DISTURE	BANCES THE	
			M23	WITH 6 GALV	THE WAVE ANIC SEPA	GUIDE. RATION MUST E		
				ROON REQU	M, AND THE JIRED USIN	BUILDING, TWO G STAINLESS S		ARE
			M23	DESIC	GNS ARE P	ERMITTED FOR	KING NUTS. NO ( SAFETY. FER TO MRI QUE	
			M23	8 CONN	-		UCT TO EXISTIN	G
			M23	9 COOF	RDINATE LO EXISTING		W OUTSIDE AIR NELS IN THIS	DUCT
				0 COOF GENE	RDINATE NE ERAL CONT	RACTOR.	NETRATION WIT	
			IVI24	WITH LOCA	NEW OUTS	SIDE AIR DUCT \ OCATE AS REQ Y 10' OF PIPING	WITHIN THIS UIRED	
			M24	ÌSOLA 2 NEW	ATION VALA RS AND RL	/ES IN RELOCA <sup>-</sup> PIPING UP FRO	TED PIPING. M CRAWLSPACI	
			NO /	CRAW CONT	VLSPACE N TINUATION.	IECHANICAL PL		
				PROV CRAC	/IDED ISOL CUNIT.	ATION VALVES .	NG TO CRAC UN AT CONNECTION	ТО
				LOCA EXIST	TION. CON	INECT NEW 8" D SERS.		
				REINS CONN	STALL EXIS NECT TO NE	TING DIFFUSEF		
				IN CE BOOT	ILING. PRO	OVIDE NEW NON JSER.	IG RETURN DIFF N-FERROUS DUC	т
			M24	WITH CONT	IN THIS LO	CATION. THE E	E CONDUIT INTO	
				COOF CONT	RDINATE W	O PROVIDE ALL	L CONTRACTOR	SARY
				SENS ROON	or. Cable M Shall Be	E AND EQUIPME NON-FERROU	DSTAT AND OXYO ENT WITHIN THE S. THERMOSTAT DXYGEN SENSOF	MRI r
				SHAL 19.5%	L ALARM W	HEN ROOM LE	VELS FALL TO BE AL ALARM WITH OXYGEN LEVEL	ELOW N
			M24	8 PROV	/IDE NEW A		OR FOR AIR HAN	DLING
								N
			M24	TRAC 9 CAP E TIGHT	CK SUPPLY EXISTING L T. INSULAT	FAN. OUVER TO BE A 'E CAP WITH 3"	AIR AND WATER OF BOARD STYL	
			M25	50 TRAC TIGHT EXTE 0 BALA GENE	XK SUPPLY EXISTING L T. INSULAT RIOR DUCT NCE EXIST ERAL EXHA	FAN. OUVER TO BE A E CAP WITH 3" INSULATION. ING GEF-1 FAN UST IN SCAN RO	NR AND WATER OF BOARD STYL TO 300 CFM FOF OOM.	E
			M25	19 CAP E TIGHI EXTE 60 BALAI GENE 61 PROV PIPIN	X SUPPLY EXISTING L T. INSULAT RIOR DUCT NCE EXIST ERAL EXHA /IDE NEW H	FAN. OUVER TO BE A E CAP WITH 3" INSULATION. ING GEF-1 FAN UST IN SCAN RO IEAT TRAPS IN G AHU-E1 AS PE	NR AND WATER OF BOARD STYL TO 300 CFM FOF	E R HWR
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			M25	19 CAP E TIGHI EXTE 60 BALAI GENE 61 PROV PIPIN	X SUPPLY EXISTING L T. INSULAT RIOR DUCT NCE EXIST RAL EXHA /IDE NEW H G SERVING	FAN. OUVER TO BE A E CAP WITH 3" INSULATION. ING GEF-1 FAN UST IN SCAN RO IEAT TRAPS IN G AHU-E1 AS PE	AIR AND WATER OF BOARD STYL TO 300 CFM FOF OOM. 1-1/4" HWS AND I	E R HWR
		MRI EQUIPMI	M25 M25	1 TRAC 19 CAP E TIGHT EXTE 10 BALAI GENE 11 PROV PIPIN ON SH	K SUPPLY EXISTING L T. INSULAT RIOR DUCT NCE EXIST ERAL EXHA /IDE NEW H G SERVING HEET FM-M	FAN. OUVER TO BE A E CAP WITH 3" INSULATION. ING GEF-1 FAN UST IN SCAN RO EAT TRAPS IN AHU-E1 AS PE J101.	AIR AND WATER OF BOARD STYL TO 300 CFM FOF OOM. 1-1/4" HWS AND I R HEAT TRAP DE	E R HWR
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	ITEM AEC B	MRI EQUIPMI DESCRIPTION AMBIENT EXPERIENCE CABINET SOLA MAGNET IN OPERATION	M25 M25	1 TRAC 19 CAP E TIGHT EXTE 10 BALAI GENE 11 PROV PIPIN ON SH	K SUPPLY EXISTING L T. INSULAT RIOR DUCT NCE EXIST ERAL EXHA /IDE NEW H G SERVING HEET FM-M	FAN. OUVER TO BE A TINSULATION. ING GEF-1 FAN UST IN SCAN RO IEAT TRAPS IN AHU-E1 AS PE J101. CAL SCH	IR AND WATER OF BOARD STYL TO 300 CFM FOF OOM. 1-1/4" HWS AND I R HEAT TRAP DE	E R HWR
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FIN	AEC B EPC F1 GPA MRC PM REM SEP UPS	DESCRIPTION AMBIENT EXPERIENCE CABINET SOLA MAGNET IN OPERATION ELECTRONICS CABINET RF-FILTER PLATE (HORIZONTAL) ELECTRONICS CABINET HOST PC MRC & MONITOR PATIENT MONITOR REMOTE CHILLER CONTROLLER SEP CABINET EATON 93PM 180 KW UPS WITH BATTERY &: MAINTENANCE BYPAS	M25 M25	tle SITE SITE	HEET FM-M	FAN. OUVER TO BE A E CAP WITH 3" INSULATION. ING GEF-1 FAN UST IN SCAN RO IEAT TRAPS IN SAHU-E1 AS PE J101. CAL SCH BTU/H TO All 3530 7506 2706 2628 342 3412 20525	EDULE R R RE R RE R RE R RE R RE R RE R RE	E HWR HWR TAIL MARKS MARKS RACTOR WILL NECT SEP AND EPC WITH HOSES BY MRI SUPPLIER RACTOR WILL NECT SEP AND EPC WITH HOSES BY MRI SUPPLIER Project Number VA #568-CSI-301 SGA #201910 Building Number 165 & 12
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of ction ilities	Drawing Title 1ST LEVEL MECHANICA	AL PLANS	Phase FINAL CONT DOCUMENTS	Project Title MRI SITE PF HOT SPRIN(	
ment	Approved:			Location FT. MEADE/	
epartment rans Affairs				Issue Date 11/04/2020	Checked MSH
	7		8	9	





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SCHEDULE							
	SIZE				FREE AIR		
ON	WIDTH	HEIGHT	CFM	S.P.	VELOCITY	COMMENTS	
	36"	30"	3000	0.00 in-wg	780 FPM	1,2,3,4	

DF E	F EQUAL OR BETTER CONSTRUCTION.								
/	A/C UNIT SCHEDULE (DX)								
	DX	COOILING COIL		ELECTRIC					
			EAT						
	CAPACITY	DB	WB	VOLTAGE	PHASES	MCA	COMMENTS		
)	54420	75 °F	61 °F	480	3	11.3 A	1,2,3,4,5,6,7		

ONNECT	NNECTION FROM UNIT CONTROLLER TO BOTH JOHNSON CONTROL SYSTEM AND SECURITY SYSTEM.									
ISING UNIT SCHEDULE										
	EMP. REF TYPE TEMPERATURE SCCR V PH MCA SCOP COMMENTS									

	ARCHITECT OF RECORD          A/E:         STONE GROUP ARCHITECTS         600 E 7TH STREET	STAMP PROFESS/ONAL	Office of Construction and Facilities	Drawing Title MECHANICAL DETAILS, SCHEDULES & SYMBOLS	Phase FINAL CONTRUCTION DOCUMENTS	Project Title MRI SITE PRE HOT SPRING		MEADE /	P   B
g Inc. <b>g, Inc.</b>	SIOUX FALLS, SD 57103           605-271-1144	8462 MICHAEL SEAN HEINRICH	Management	Approved:		Location FT. MEADE/H	IOT SPRING	S, SD	<b>D</b>
ota 57702	TODD STONE ARCHITECTS	H DANON	VA U.S. Department of Veterans Affairs			Issue Date 11/04/2020	Checked MSH	Drawn MMM/KJH	
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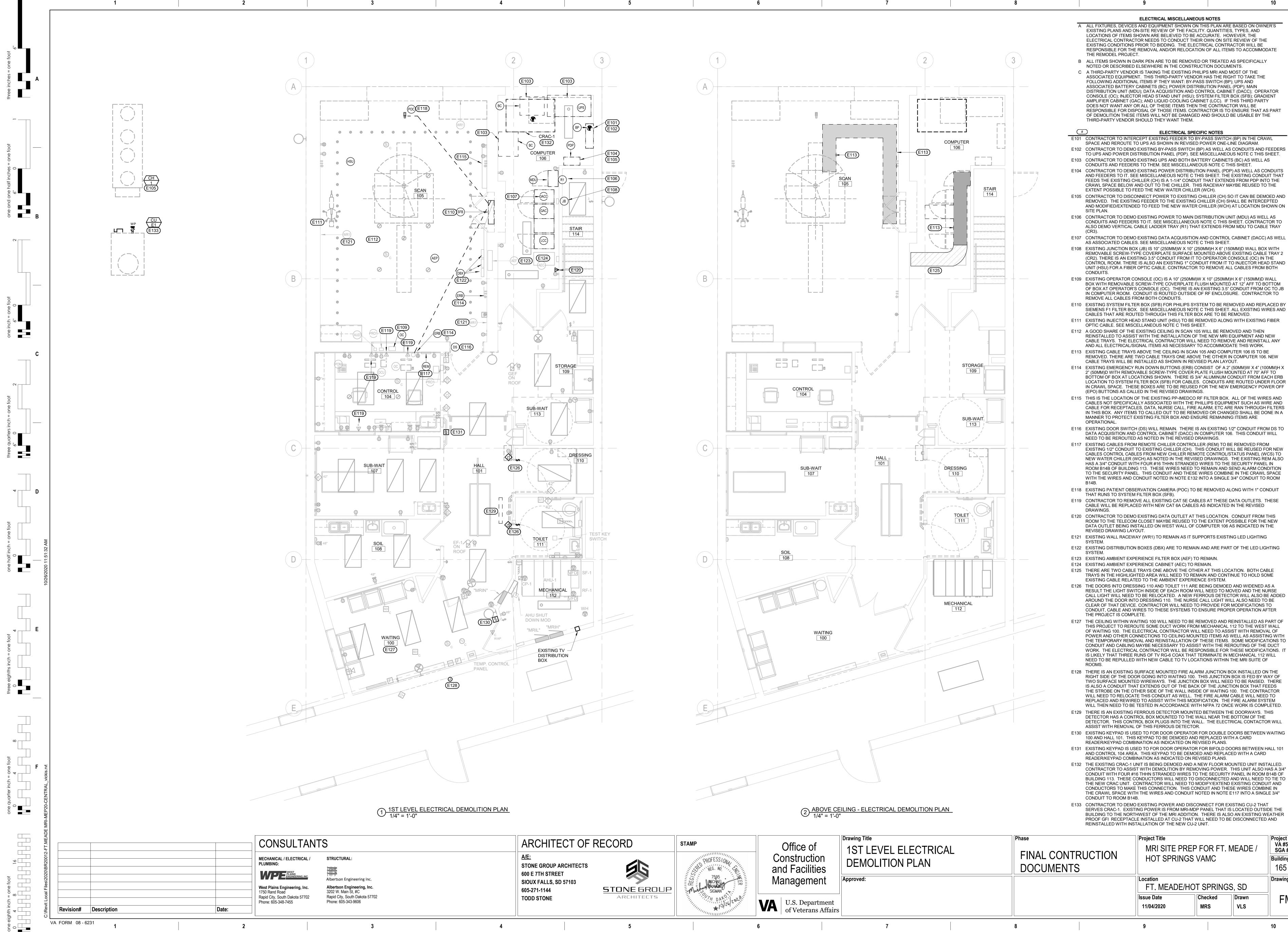
	6		7	8		9	)		10
					Μ	ECHAI	NICAL SYN	IBOLS	3
				$ \begin{array}{c} - ST \\ - OST \\ - HWS \\ + HOT \\ - CWS \\$	ERFLOOR WASTE PIPE ERFLOOR STORM PIPE ERFLOOR OVERFLOW M PIPE WATER HEATING SUPPLY ED WATER SUPPLY PIPE DENSER WATER SUPPLY CONSER WATER SUPPLY ED WATER SUPPLY DENSER WATER SUPPLY CONSER WATER SUPPLY CONSECTION CONSECTION CONNECTIO	$ \begin{array}{c} - SAN - AB \\ - ST - AB \\ - OST - ST \\ - HWR - HC \\ - CWR - CH \\ - CWR - CH \\ - CR - PH \\ - RS - RE \\ - VAC - CL \\ - RS - RE \\ - VAC - CL \\ - RS - RE \\ - VAC - CL \\ - RS - RE \\ - VAC - CL \\ - RS - RE \\ - VAC - CL \\ - RS - RE \\ - $	EFRIGERANT SUCTION PIPE INICAL AND LAB VACUUM TROGEN PIPE INICAL AND LAB VACUUM JTLET TROGEN OUTLET PRIGHT SPRINKLER HEAD OST INDICATOR VALVE R VENT OW MEASURING DEVICE (PANSION JOINT, PIPE GUIL APPED OUTLET HUT OFF VALVE ALANCING VALVE NAY CONTROL VALVE RESSURE REDUCING VALVE RESSURE REDUCING VALVE DESTIC WATER TEMPERI ALVE	V $ - HC$ $ - GI$ $ -$	CLINICAL AIR OUTLET FIRE DEPT. HOSE VALV RECESSED SPRINKLER FLOW ALARM PRESSURE/TEMPERAT PRESSURE GAUGE STATIC PRESSURE SEN FLOW CONTROL VALVE FLOW CONTROL VALVE FLOW CONTROL VALVE PRESSURE SENSOR DI PRESSURE SENSOR DI THERMOSTAT
				FS FLOC		ENTILA	ATION SYM	IBOLS	3
					RETURN DUCT (UP & D         EXHAUST DUCT (UP & D         W       STANDARD RADIUS ELE         R EQUAL W (MINIMUM)         DUCT TURN WITH TURN         FLEXIBLE DUCT CONNE	OWN) DOWN) BOW N VANES ECTION	↓ 1/2 A ↓ 1/2 A ↓ 1/2 A ↓ 1/2 A ↓ 1/2 A ↓ 1/2 A ↓ 1/2 A ↓ ↓ 1/2 A ↓ ↓ ↓ ↓ 1/2 A ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓	BRANCH BRANCH DUCT RI OF AIR F DUCT DI DUCT IN DUCT TI DUCT TI (NON-AE	L VOLUME DAMPER H DUCT INTO SIDE OF MAIN D ISE OR DROP IN DIRECTION FLOW IMENSION- WIDTH X DEPTH ISULATION (SEE SPECIFICAT URN AND AIR SPLIT TYPE TAI DJUSTABLE) REGISTER & DIFFUSER DES (, RETURN, EXHAUST, & TRAM
INST	ALL EQUIPMENT WITHIN THE BO	X WITHIN THE MECH ROOM		년 (최 (다) (M)	MAX 2" W.G. PRESSURE MEDIUM PRESSURE DU 2"-6" W.G. PRESSURE	E JCTWORK - MOTORIZED E		EQUIP EQUIPM D.	IENT DESIGNATION

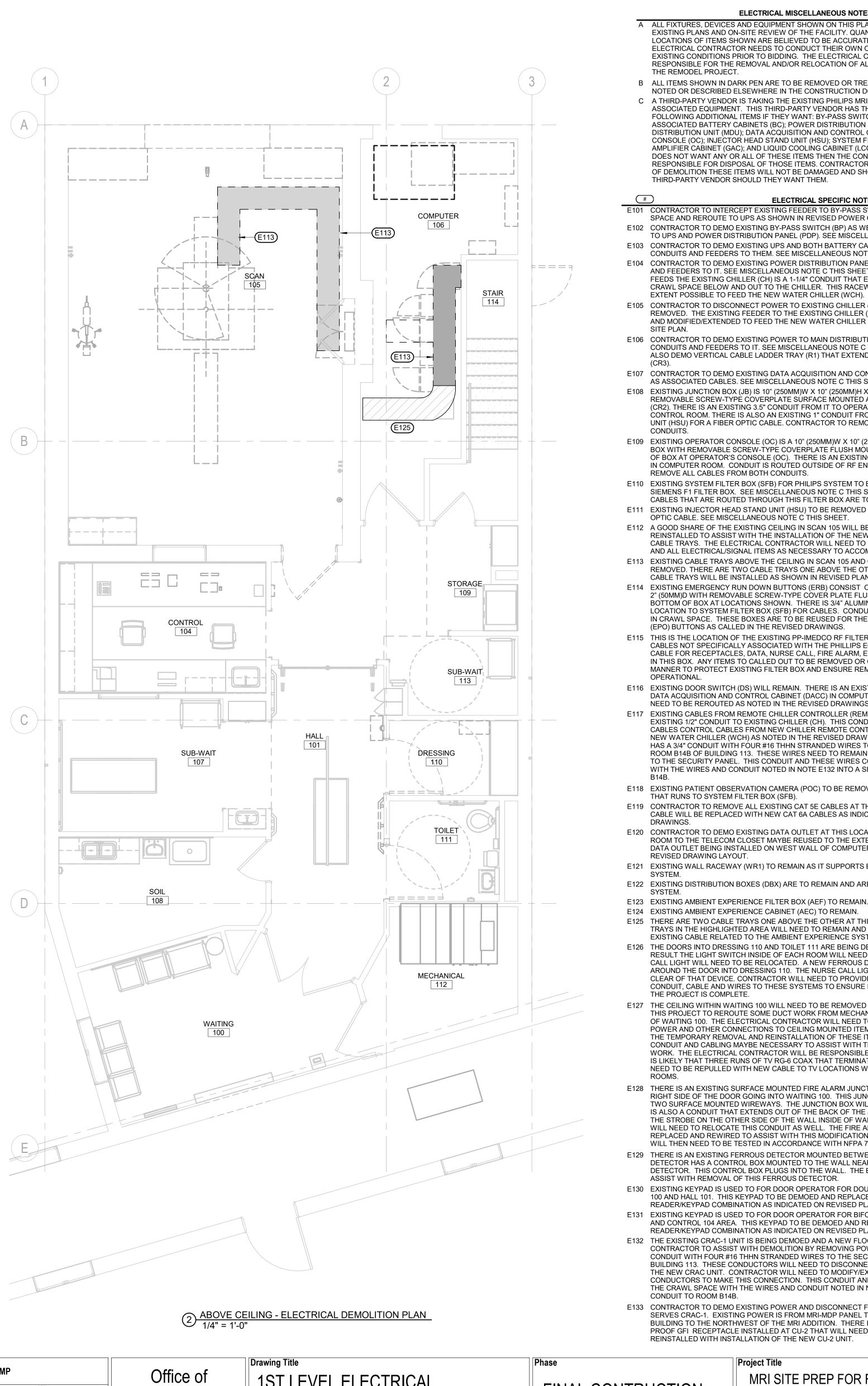
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1-1/4" MALE THREADED HOSE
 PROVIDED BY MRI SUPPLIES

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	1	
G HOT WATER PIPE		
ATION PIPE		_
D LAB AIR PIPE ATION OUTLET		Α
OUTLET		
IOSE VALVE SPRINKLER HEAD		
Л		
EMPERATURE TAP		
SSURE SENSOR		
ſER		
5		
PREVENTER ROL VALVE		
ALVE		
SENSOR DIFFERENTIAL		В
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Project Number VA #568-CSI-301		
SGA #201910		
Building Number 165 & 12		
Drawing Number		
FM-MJ101		
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of ction lities	1ST LEVEL ELECTRICAL DEMOLITION PLAN	FINAL CONTRUCTION DOCUMENTS	MRI SITE PREP HOT SPRINGS		IEADE
nent	Approved:		Location FT. MEADE/HO	T SPRINGS	, SD
partment ans Affairs			Issue Date 11/04/2020	Checked MRS	Drawn VLS
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N ARE BASED ON OWNER'S ITITIES, TYPES, AND
E. HOWEVER, THE N SITE REVIEW OF THE ONTRACTOR WILL BE
ATED AS SPECIFICALLY DCUMENTS. AND MOST OF THE
IE RIGHT TO TAKE THE XH (BP); UPS AND
PANEL (PDP); MAIN CABINET (DACC); OPERATOR LTER BOX (SFB); GRADIENT
C). IF THIS THIRD PARTY TRACTOR WILL BE IS TO ENSURE THAT AS PART
OULD BE USABLE BY THE
ES
WITCH (BP) IN THE CRAWL DNE-LINE DIAGRAM.
ELL AS CONDUITS AND FEEDERS ANEOUS NOTE C THIS SHEET. BINETS (BC) AS WELL AS
E C THIS SHEET. L (PDP) AS WELL AS CONDUITS T. THE EXISTING CONDUIT THAT
T. THE EXISTING CONDUIT THAT XTENDS FROM PDP INTO THE /AY MAYBE REUSED TO THE
CH) SHALL BE INTERCEPTED (WCH) AT LOCATION SHOWN ON
ON UNIT (MDU) AS WELL AS THIS SHEET. CONTRACTOR TO
S FROM MDU TO CABLE TRAY
6" (150MM)D WALL BOX WITH
BOVE EXISTING CABLE TRAY 2 TOR CONSOLE (OC) IN THE
M IT TO INJECTOR HEAD STAND VE ALL CABLES FROM BOTH
50MM)H X 6" (150MM)D WALL JNTED AT 12" AFF TO BOTTOM
G 3.5" CONDUIT FROM OC TO JB CLOSURE. CONTRACTOR TO
BE REMOVED AND REPLACED BY
HEET. ALL EXISTING WIRES AND D BE REMOVED. ALONG WITH EXISTING FIBER
REMOVED AND THEN
MRI EQUIPMENT AND NEW
IMODATE THIS WORK. COMPUTER 106 IS TO BE HER IN COMPLITER 106 NEW
HER IN COMPUTER 106. NEW I LAYOUT. IF A 2" (50MM)W X 4" (100MM)H X
SH MOUNTED AT 70" AFF TO IUM CONDUIT FROM EACH ERB
NEW EMERGENCY POWER OFF
BOX. ALL OF THE WIRES AND QUIPMENT SUCH AS WIRE AND
TC ARE RAN THROUGH FILTERS CHANGED SHALL BE DONE IN A
IAINING ITEMS ARE
FING 1/2" CONDUIT FROM DS TO ER 106. THIS CONDUIT WILL
) TO BE REMOVED FROM UIT WILL BE REUSED FOR NEW
ROL/STATUS PANEL (WCS) TO NGS. THE EXISTING REM ALSO
D THE SECURITY PANEL IN AND SEND ALARM CONDITION DMBINE IN THE CRAWL SPACE
NGLE 3/4" CONDUIT TO ROOM
ED ALONG WITH 1" CONDUIT
IESE DATA OUTLETS. THESE ATED IN THE REVISED
TION. CONDUIT FROM THIS
R 106 AS INDICATED IN THE
EXISTING LED LIGHTING
E PART OF THE LED LIGHTING
S LOCATION. BOTH CABLE CONTINUE TO HOLD SOME EM.
EM. MOED AND WIDENED AS A TO MOVED AND THE NURSE
ETECTOR WILL ALSO BE ADDED HT WILL ALSO NEED TO BE
PROPER OPERATION AFTER
AND REINSTALLED AS PART OF
IICAL 112 TO THE WEST WALL O ASSIST WITH REMOVAL OF IS AS WELL AS ASSISTING WITH
EMS. SOME MODIFICATIONS TO HE REROUTING OF THE DUCT
FOR THESE MODIFICATIONS. IT TE IN MECHANICAL 112 WILL ITHIN THE MRI SUITE OF
THIN THE MRI SUITE OF
CTION BOX IS FED BY WAY OF L NEED TO BE RAISED. THERE
JUNCTION BOX THAT FEEDS TING 100. THE CONTRACTOR
ARM CABLE WILL NEED TO . THE FIRE ALARM SYSTEM 2 ONCE WORK IS COMPLETED.
EN THE DOORWAYS. THIS R THE BOTTOM OF THE
ELECTRICAL CONTACTOR WILL
BLE DOORS BETWEEN WAITING
ANS. DED DOORS BETWEEN HALL 101
EPLACED WITH A CARD ANS. OR MOUNTED UNIT INSTALLED.
VER. THIS UNIT ALSO HAS A 3/4"

Project Number VA #568-CSI-301 SGA #201910 **Building Number** 165 & 12 Drawing Number FM-ED101





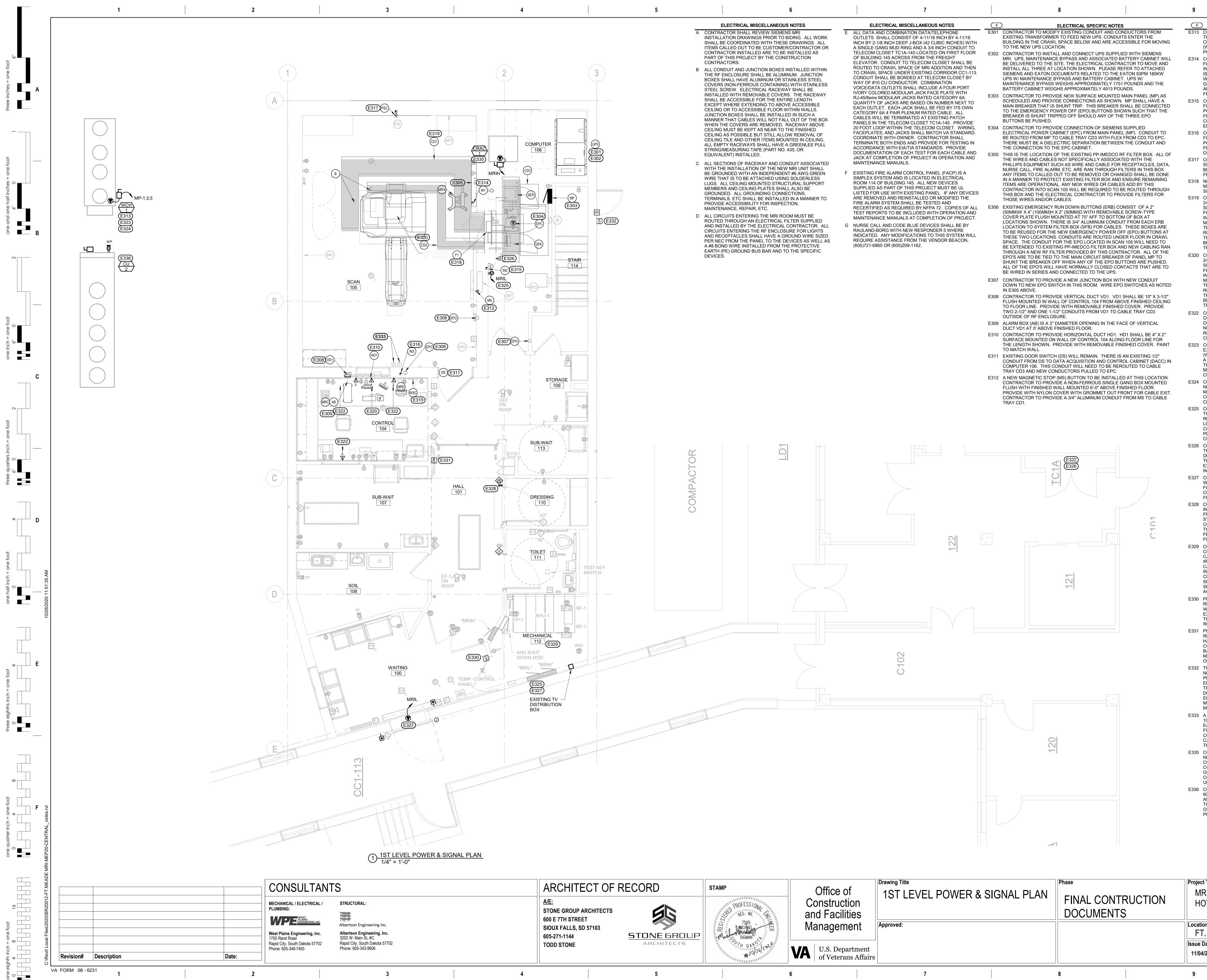
of ction	Drawing Title 1ST LEVEL LIGHTING F	Phase FINAL CONTR DOCUMENTS	Project Title MRI SITE PREF HOT SPRINGS		/IEADE /	Project Number VA #568-CSI-301 SGA #201910 Building Number 165 & 12
ilities ment	Approved:	DOCUMENTS	Location FT. MEADE/HO Issue Date	Checked	Drawn	Drawing Number FM-EE102
rans Affairs	7	 8	11/04/2020 9	MRS	VLS	10

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ELECTRICAL MISCELLANEOUS NOTES	_
ALL DATA AND COMBINATION DATA/TELEPHONE OUTLETS SHALL CONSIST OF 4-11/16 INCH BY 4-11/16	E
INCH BY 2-1/8 INCH DEEP J-BOX (42 CUBIC INCHES) WITH	
A SINGLE GANG MUD RING AND A 3/4 INCH CONDUIT TO	
TELECOM CLOSET TC1A-145 LOCATED ON FIRST FLOOR OF BUILDING 145 ACROSS FROM THE FREIGHT	E
ELEVATOR. CONDUIT TO TELECOM CLOSET SHALL BE	
ROUTED TO CRAWL SPACE OF MRI ADDITION AND THEN	
TO CRAWL SPACE UNDER EXISTING CORRIDOR CC1-113.	
CONDUIT SHALL BE BONDED AT TELECOM CLOSET BY	
WAY OF #10 CU CONDUCTOR. COMBINATION VOICE/DATA OUTLETS SHALL INCLUDE A FOUR PORT	
IVORY COLORED MODULAR JACK FACE PLATE WITH	
RJ-45/8wire MODULAR JACKS RATED CATEGORY 6A.	E
QUANTITY OF JACKS ARE BASED ON NUMBER NEXT TO	
EACH OUTLET. EACH JACK SHALL BE FED BY ITS OWN	
CATEGORY 6A 4 PAIR PLENUM RATED CABLE. ALL	
CABLES WILL BE TERMINATED AT EXISTING PATCH PANELS IN THE TELECOM CLOSET TC1A-145. PROVIDE	
20 FOOT LOOP WITHIN THE TELECOM CLOSET. WIRING,	F
FACEPLATES, AND JACKS SHALL MATCH VA STANDARD.	-
COORDINATE WITH OWNER. CONTRACTOR SHALL	
TERMINATE BOTH ENDS AND PROVIDE FOR TESTING IN	
ACCORDANCE WITH EIA/TIA STANDARDS. PROVIDE DOCUMENTATION OF EACH TEST FOR EACH CABLE AND	
JACK AT COMPLETION OF PROJECT IN OPERATION AND	E
MAINTENANCE MANUALS.	
-	
EXISTING FIRE ALARM CONTROL PANEL (FACP) IS A	
SIMPLEX SYSTEM AND IS LOCATED IN ELECTRICAL	
ROOM 114 OF BUILDING 145. ALL NEW DEVICES	

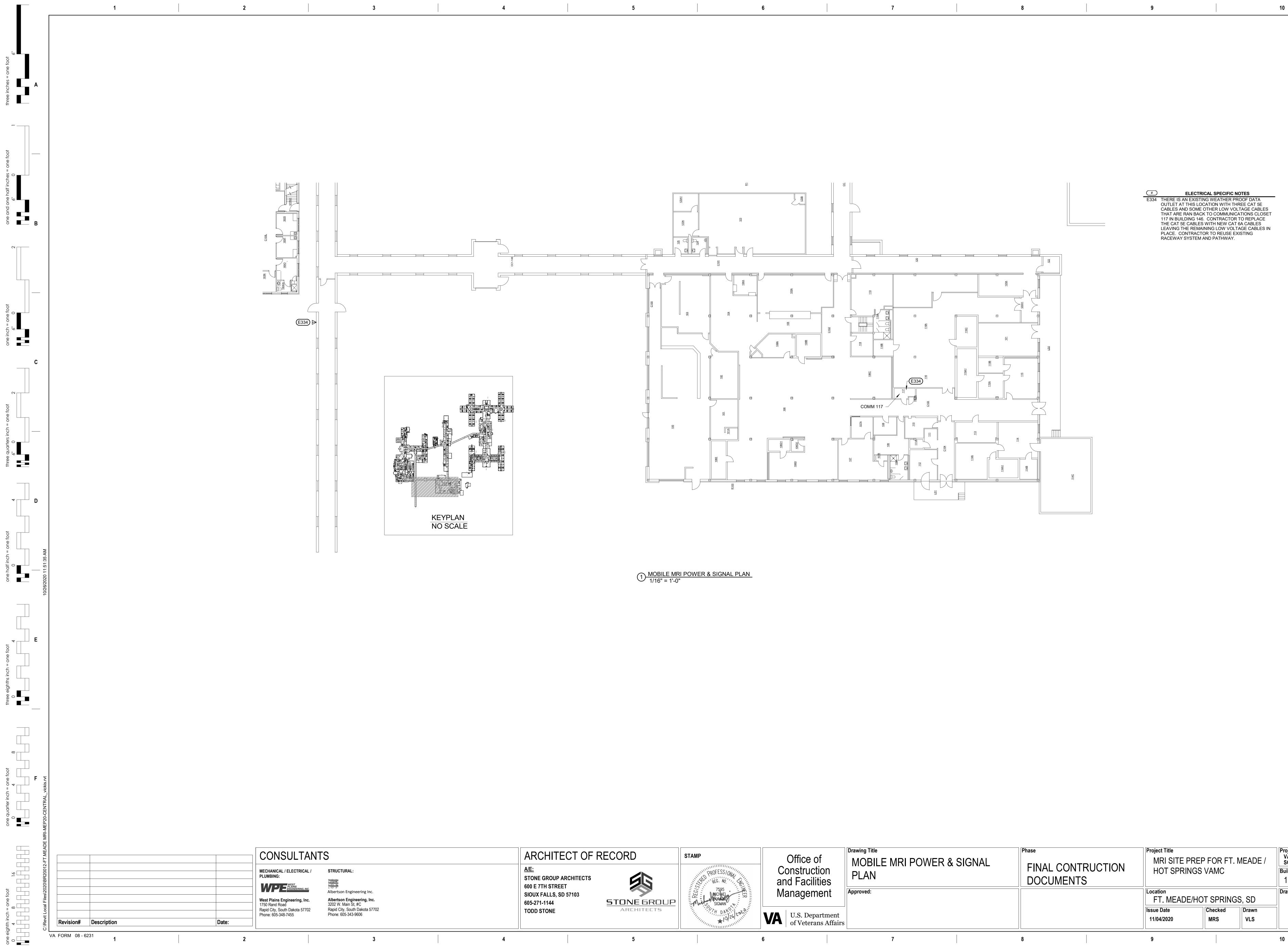
BUILDING IN THE CRAWL SPACE BELOW AND ARE ACCESSIBLE FOR MOVING MRI. UPS, MAINTENANCE BYPASS AND ASSOCIATED BATTERY CABINET WILL MAIN BREAKER THAT IS SHUNT TRIP. THIS BREAKER SHALL BE CONNECTED E305 THIS IS THE LOCATION OF THE EXISTING PP-IMEDCO RF FILTER BOX. ALL OF PHILLIPS EQUIPMENT SUCH AS WIRE AND CABLE FOR RECEPTACLES, DATA, CONTRACTOR INTO SCAN 105 WILL BE REQUIRED TO BE ROUTED THROUGH BE EXTENDED TO EXISTING PP-IMEDCO FILTER BOX AND NEW CABLING RAN THROUGH A NEW RF FILTER PROVIDED BY THIS CONTRACTOR. ALL OF THE

- FLUSH MOUNTED IN WALL OF CONTROL 104 FROM ABOVE FINISHED CEILING
- CONDUIT FROM DS TO DATA ACQUISITION AND CONTROL CABINET (DACC) IN
- PROVIDE WITH NYLON COVER WITH GROMMET OUT FRONT FOR CABLE EXIT.

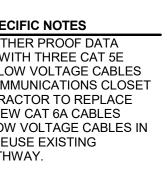
# E313	THIS CONDUIT WILL	EUSE EXISTING <sup>2</sup> BE REUSED FOR	R NEW CONTROL C	XISTING CHILLER (CH). CABLES FROM NEW
	CHILLER REMOTE CO (WCH). CABLES WIL PULLED BY THE ELE	L BE SUPPLIED E	BY CHILLÈR MÁNU	NEW WATER CHILLER FACTURER AND
E314	CONTRACTOR TO IN FLUSH WITH FINISHE	ED WALL MOUNT	ED 24" ABOVE FIN	ISHED FLOOR FOR
		SIEMENS DRAWIN	NGS AND IS THE LO	FFERENT THAN WHAT DCATION THE OWNER COVER WITH
	GROMMET OUT FRO ALUMINUM CONDUIT FROM IN1 THROUGH	FROM IN1 TO FI	LTER PANEL F1. C	OR TO PROVIDE A 2" CABLES WILL EXTEND
E315	CONTRACTOR TO IN FINISHED WALL MOU	STALL A NEW PU JNTED 24" ABOV	JLL BOX MOUNTED E FINISHED FLOOF	R FOR INJECTOR
		ÉXIT. CONTRACT M F1 TO IN2 AND	FOR TO PROVIDE A	
E316	ENCLOSURE FROM I CONTRACTOR TO IN FINISHED WALL MOU	STALL A NEW PU		
	POWER SUPPLY (IN FRONT FOR CABLE E	3). PROVIDE WITH EXIT. CONTRAC <sup>-</sup>	H NYLON COVER V	
E317	OF RF ENCLOSURE I CONTRACTOR TO IN SUPERVISION CAME	STALL A NEW NO	ON-FERROUS PULI	L BOX FOR PATIENT HT AND LOCATION TO
	BE COORDINATED. C FROM PSC TO CABL	CONTRACTOR TO E TRAY CD1.	) PROVIDE A 1" AL	UMINUM CONDUIT
E318	NEW SIEMENS SUPF MOUNTED TO RF SH SIEMENS WILL NEED	IELDED WALL. T	HE SHIELDING CO	NTRACTÓR AND
E319	24"X4" ALUMINUM LA	ADDER TRAY, MO	UNTED AT HEIGHT	ABLE TRAY SHALL BE T COORDINATED WITH ICE ABOVE THE TRAY
	FOR ACCESS. CABLE INTERCONNECTING	E LADDER IS REC CABLES BETWE	QUIRED TO SUPPO EN THE FILTER PA	ORT NEL (F1) AND THE
	TRAY AND THE RF FI REFER TO DETAIL E-	ILTER PANEL (F1 -501/2 OF THE SII	). WHEN ROUTING EMENS DRAWINGS	S TAKING CARE SO
		CD2 MUST BE M		. A 12" SEPARATION T LOCATE THIS CABLE
E320	24"X4" ALUMINUM LA	ADDER TRAY, MO	UNTED AT HEIGHT	ABLE TRAY SHALL BE T COORDINATED WITH ICE ABOVE THE TRAY
	FOR ACCESS. CABLE INTERCONNECTING	E LADDER IS REC CABLES BETWE	QUIRED TO SUPPO EN THE FILTER PA	ORT NEL (F1) AND THE
	TRAY AND THE RF FI REFER TO DETAIL E-	ILTER PANEL (F1 -501/2 OF THE SII	). WHEN ROUTING EMENS DRAWINGS	S TAKING CARE SO
		CD2 MUST BE M		0. A 12" SEPARATION DT LOCATE THIS CABLE
E322	CONTRACTOR TO RE OUTLETS WITH NEW	EPLACE ALL EXIS / CAT 6A CABLES	. QUANTITY OF C	ABLES AT EACH
		OWN THERE IS O CABLES EXTEND	NE CABLE THAT N	
E323	CLOSET T1CA IN BUI CONTRACTOR TO IN EXISTING CONDUIT	ILDING 145. ISTALL NEW CON	IDUCTORS, FROM	NEW PANEL MP, IN
	(WCH). THE EXISTIN A 1-1/4" CONDUIT TH	IG CONDUIT THA IAT EXTENDS FR	T FEEDS THE EXIS OM PDP PANEL, B	STING CHILLER (CH) IS EING DEMOED, INTO
	THE CRAWL SPACE MAYBE REUSED TO CHILLER (WCH).			
E324	NEW WATER CHILLE MANUFACTURERS R	R (WCH). CONTI REQUIREMENTS.	RACTOR TO FUSE CONTRACTOR TO	PROVIDE NEW
FOOT	CONDUIT AND COND CHILLER (WCH).	UCTORS FROM	FUSED DISCONNE	CT TO NEW WATER
E325	TO INJECTOR POWE RECEPTACLE FROM	R SUPPLY. CON SPARE 20A/1P B	TRACTOR TO PRO	-
	PLATE TO MATCH OT	THE WORD "EMI THER EMERGEN	ERGENCY" STENC CY RECEPTACLES	ILED ON THE COVER
E326		ROVIDE NEW DA	TA OUTLET WITH O	ONE CAT 6A CABLE. ITLET THAT IS BEING
	DEMOED ON THE EA THIS NEW DATA OUT	ST WALL MAYBE	USED TO THE EX THIS CABLE SHAL	TENT POSSIBLE FOR LL BE TERMINATED IN
E327	EXISTING PATCH PA IN BUILDING 145. CONTRACTOR TO PF			ATIONS CLOSET T1CA
1		AND WIRING TO	PUSHBUTTONS SU	UPPLIED WITH DOOR RED IN THE CC1-113
E328	FROM EXISTING 20A CONTRACTOR TO PE	/1P BREAKER IN ROVIDE POWER	PANEL MRIL. TO NEW FERRO DI	ETECTOR SYSTEM
	FROM LOCAL RECEPTSYSTEM. COORDINA	PTACLE CIRCUIT ATE INSTALLATIO	THAT IS BEING US	-
	TO ROUTE POWER T FERRO DETECTOR S	THROUGH SWITC	H FOR DETECTOR	NGLE POLE SWITCH R. LABEL SWITCH AS NSTALLATION DETAIL
E329	FOR INFORMATION.	ROVIDE NEW JOH	HNSON CONTROLS	S 8-READER ACCESS CTOR TO PROVIDE 1 -
	CAT6A CABLE IN 3/4 IRM SERVER ROOM	INCH CONDUIT F	ROM THIS NEW A	CP BACK TO EXISTING
	INTO THE CRAWL SF CRAWL SPACE UND	PACE UNDER THE ER BUILDING 145	E CONNECTOR CO AND THEN TO SP	RRIDOR TO THE ACE BELOW THE IRM
	SERVER ROOM WHE SECURITY PANEL. C ACP FROM AN EXIST	CONTRACTOR TO	ALSO PROVIDE P	OWER TO THE NEW
E330	READER/KEYPAD FC	OR DOOR OPERA	TOR FOR DOUBLE	
	EXISTING DOOR OPE THE NEW ACP INSTA	ERATOR. THE CA	ARD READER WILL NICAL 112. PROVIE	. BE WIRED BACK TO DE ALL MATERIALS
E331	REQUIRED FOR INTE PROVIDE NEW HID IC READER/KEYPAD FC	CLASS SE 921N (	OR EQUAL COMBIN	
	HALL 101 AND CONT	ROL 104 AREA. DOOR OPERATO	THIS CARD READE R. THE CARD REA	R TO BE WIRED TO ADER WILL BE WIRED
	MATERIALS REQUIR OPERATOR.	ED FOR INTERFA	ACE AND CONTRO	L OF EXISTING DOOR
E332	NEW DOOR AND FRA PROVIDE NEW HID IC	AME WITH ELECT CLASS SE 920N (	RONIC LATCH IS E CARD READER FOR	R CONTROL OF NEW
	ELECTRONIC LATCH THRU THE PANIC BA DOOR. ALL WIRING	I SYSTEM THAT V R. ALSO PROVIE	VILL REQUIRE HIN DE A DOOR POSITI	GE CONNECTION ON SWITCH AT THIS
	ELECTRONIC LATCH	WILL BE WIRED	BACK TO THE NEW	W ACP INSTALLED IN ALLATION DETAIL FOR
E333	A NEW THERMOSTA 105. CONTRACTOR	T AND OXYGEN S TO PROVIDE A N	ON-FERROUS SIN	
	EACH MOUNTED FLU	JSH WITH FINISH CENTER. CONT	ED WALL MOUNTE	ED 42" ABOVE /IDE A 3/4" ALUMINUM
E007	CABLING SUPPLIED THROUGH NEW RF F	BY TEMPERATUR	RE CONTROL CON ED BY THIS CONTR	TRACTOR TO BE RAN RACTOR.
<b>⊏</b> 335	CONDUIT AND WIRIN	0A/3P FUSED DIS NG THAT FED THE	CONNECT AND BY	Y MODIFYING EXISTING AT WAS DEMOED.
	ON THE EQUIPMENT CONDUIT AND WIRIN	. CONTRACTOR	TO ALSO MODIFY	
E336	UNIT. CONTRACTOR TO PE	ROVIDE POWER	TO NEW CU-2 UNIT	F BY INSTALLING NEW
	TO PROVIDE NEW FU	ED THE CU-2 UN USES FOR NEW (	IT THAT WAS DEM CU-2 PER NAMEPL	OED. CONTRACTOR ATE REQUIREMENTS
	OF THE NEW EQUIP PROOF GFI RECEPT	MENT. CONTRAC	CTOR TO ALSO RE	
				7
				Project Number
-	ct Title RI SITE PREF			VA #568-CSI-301
M	≈t Title RI SITE PREF OT SPRINGS		MEADE /	SGA #201910 Building Number
M H(	RI SITE PREF OT SPRINGS		MEADE /	SGA #201910 Building Number 165 & 12
M H( Locati	RI SITE PREF OT SPRINGS	VAMC		SGA #201910 Building Number
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of ction ilities	Drawing Title 1ST LEVEL POWER & SIGNAL PLAN	Phase FINAL CONTRUCTI DOCUMENTS	ON Project Title MRI SITE PREP FOF HOT SPRINGS VAM
ment	Approved:		Location FT. MEADE/HOT SP
epartment rans Affairs			Issue Date 11/04/2020 MRS
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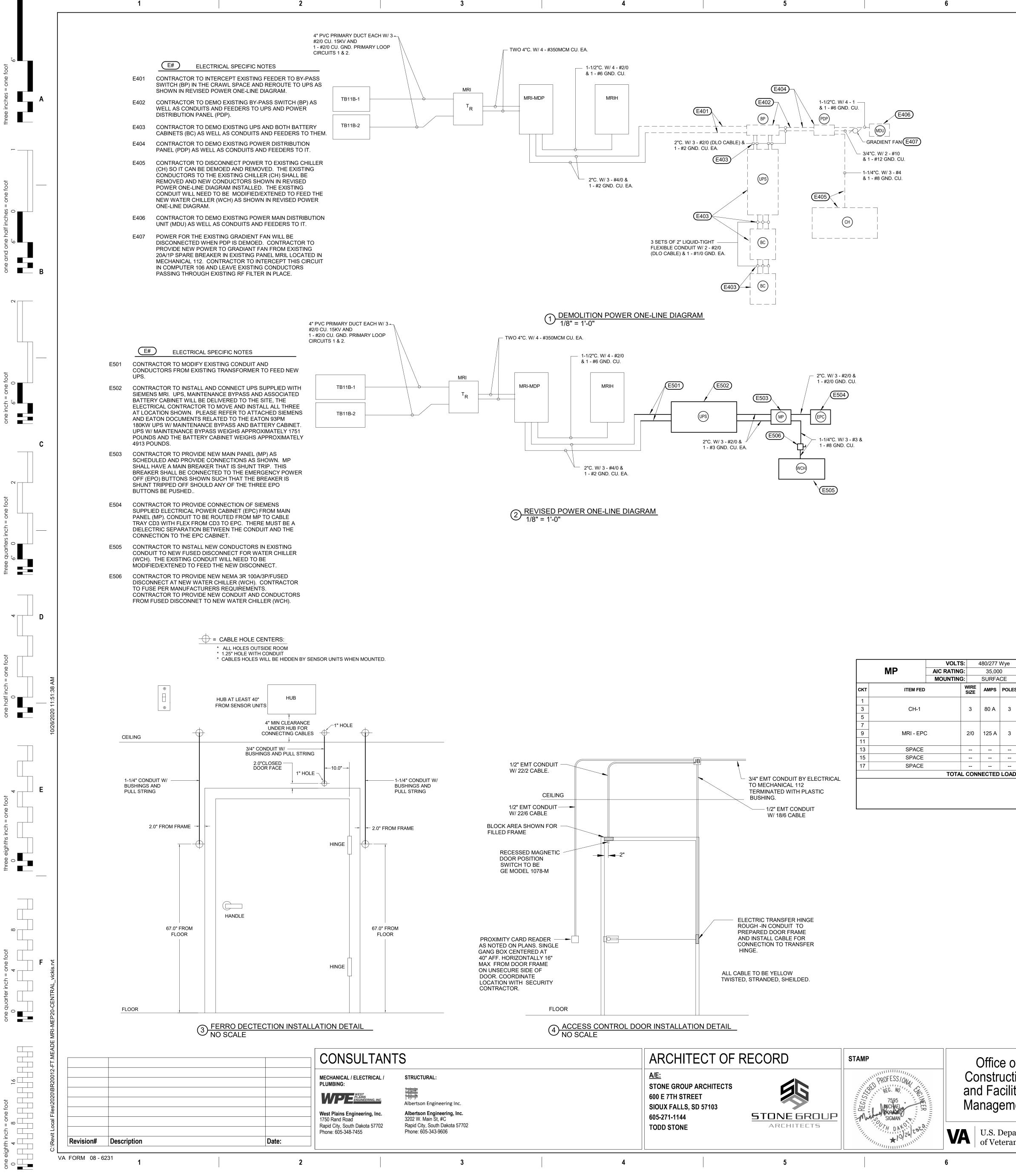
Office of Instruction d Facilities	Drawing Title MOBILE MRI POWER & SIGNAL PLAN	Phase FINAL CONTRUCTION DOCUMENTS	Project Title MRI SITE PRE HOT SPRINGS		MEADE /	Pr Bi
nagement	Approved:		Location FT. MEADE/HO	ot spring	S, SD	Dr
U.S. Department of Veterans Affairs			Issue Date 11/04/2020	Checked MRS	Drawn VLS	
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	Building Number		
	165 & 12		
SD	Drawing Number		
	FM-EE104		
	EADE / , SD <sup>Drawn</sup> VLS		



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	ELECTRICAL A			ELECTRICA THESE SYMBOLS COMPRISE A STANDARD LIS
	A STANDARD LIST. NOT ALL W SEE SPECIFICATION SECTION "EQUIPMENT WIRIN	G" FOR ADDITIONAL INFO	RMATION AND REQUIREMENTS.	ALL MOUNTING HEIGHTS ARE TO CENTER OF DEVICE ABOVE FINISHED FINISH
A or AMP A/C	AMPERE AIR CONDITIONING	LA LT	LIGHTNING ARRESTOR LIGHT	LIC
A/E or AE ac	ARCHITECT & ENGINEER ABOVE COUNTER	LTG LTS	LIGHTING LIGHTS	CEILING SURFACE MOUNT FIXTURE. (Capital letter indicates fixture type.
AC ADA	ALTERNATING CURRENT AMERICANS WITH DISABILITIES ACT	MC	MECHANICAL CONTRACTOR	A A a (Capital letter indicates fixture type. Small letter indicates switching. Typical for all fixture types). EMER
AFF	ABOVE FINISH FLOOR	MCB	MAIN CIRCUIT BREAKER	EMERGENCY CEILING SURFACE
AFG AFI or AFCI	ABOVE FINISH GRADE ARC FAULT CIRCUIT INTERRUPTER	MCC MCM	MOTOR CONTROL CENTER THOUSAND CIRCULAR MILS	
AHJ AHU	AUTHORITY HAVING JURISDICTION AIR HANDLING UNIT	MDP MECH	MAIN DISTRIBUTION PANEL MECHANICAL	
AIC	AMPERES INTERRUPTING CURRENT	MECH	MECHANICAL MAIN FUSIBLE SWITCH	EMERGENCY WALL FIXTURE
AL ANN	ALUMINUM ANNUNCIATOR	MH MLO	METAL HALIDE MAIN LUG ONLY	PC PHOTO
AS	AUTOMATIC SENSORS	MSB	MAIN SWITCHBOARD	EMERGENCY RECESSED FIXTURE
AWG	AMERICAN WIRE GAUGE	MTD MTS	MOUNTED MOTOR THERMAL SWITCH	EXTERIOR POLE LIGHT
bc BC	BELOW COUNTER BELOW COUNTER	MV MW	MERCURY VAPOR MICROWAVE	BOLLARD LIGHT
BH	BASKETBALL HOOP OPER			
BL BRD or BD	BLEACHER ELECTRIC OPERATOR BOARD	NA or N/A NC	NOT APPLICABLE NORMALLY CLOSED	
BUH	BLAST UNIT HEATER	NEC		EMERGENCY SURFACE MOUNT FIXTURE
C or COND	CONDUIT	NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION	
C/B or CB CAT	CIRCUIT BREAKER CATEGORY	NEU, NEUT or N NF	NEUTRAL NON-FUSED	P
CCT or CKT	CIRCUIT	NL	NIGHT LIGHT	
CM CO	CARBON MONOXIDE SENSOR CARBON MONOXIDE	NO	NORMALLY OPEN	PUSH BUTTON STATION (62" M.H.)
COMB	COMBINATION	OFF, OF, or OFC	OFFICE	DOUBLE PUSH BUTTON STATION
CONF CP	CONFERENCE CEILING PROJECTOR	OH OHD	OVERHEAD OVERHEAD DOOR	EMERGENCY SHUTDOWN PUSHBUTTON
CTC Cu or CU	CABLE TERMINATION CABINET COPPER	Р	POLE	ISOLATED GROUND RECEPTACLE (18" M.H.)
CU	CONDENSING UNIT	PA	PUBLIC ADDRESS	
CUH	CABINET UNIT HEATER	PB PH	PUSH BUTTON PHASE	GAP GENERAT
DC		PLBG PNL	PLUMBING	
DC DP	DISTRIBUTION CABINET DISTRIBUTION PANEL	PR or pr	PANEL PAIR	
DISC DISP	DISCONNECT DISPOSAL	PRV PS	POWER ROOF VENTILATOR PULL SWITCH	(18" M.H.)
DL	DOCK LEVELER	PS	PROJECTION SCREEN	SPLIT WIRED DUPLEX RECEPTACLE (18" M.H) VFD COMBINA FREQUEN
DN or DWN DR	DOWN DOOR	PTZ PVC	PAN TILT ZOOM POLYVINYL CHLORIDE	SAFETY CONVENIENCE RECEPTACLE MAGNETIC
DW DWG	DISHWASHER DRAWING	PWR	POWER	POWER RECEPTACLE
		RCP REC or RECEPT	REFLECTED CEILING PLAN RECEPTACLE	
EC EC	ELECTRICAL CONTRACTOR ELECTRICAL CABINET	REF or REFRIG	REFRIGERATOR	
EF	EXHAUST FAN	RH RH	RADIANT HEAT RANGE HOOD	
EH ELEC	ELECTRICAL HEAT ELECTRIC OR ELECTRICAL	RLY	RELAY	
EHD EM or EMERG	ELECTRIC HAND DRYER EMERGENCY	RM RMS	ROOM ROOT MEAN SQUARE	GFI DOUBLE DUPLEX CONVENIENCE RECEPTACLE SWITCHB
EMT	ELECTRICAL METALLIC TUBING			SPECIAL PURPOSE OUTLET OR CONNECTION SPECIAL PURPOSE OUTLET OR CONNECTION
ENT EUH	ELECTRICAL NON-METALLIC TUBING ELECTRIC UNIT HEATER	SCC SD	SHORT CIRCUIT CURRENT SMOKE DETECTOR	PANELBO, CORD/PLUG ← PANELBO, CENTER (
EWC EX	ELECTRIC WATER COOLER EXISTING	SFR SFTY	SAFETY RECEPTACLE SAFETY	
EXP	EXPLOSION PROOF	SHLD	SHIELD OR SHIELDED	
F or FUS	FUSE OR FUSIBLE	SIG SMR	SIGNAL SURFACE MOUNT RACEWAY	CEILING DUPLEX RECEPTACLE
FA	FIRE ALARM	SN	SOLID NEUTRAL	FLUSH FLOOR DUPLEX RECEPTACLE     FUSE
FAAP FACP	FIRE ALARM ANNUNCIATOR PANEL FIRE ALARM CONTROL PANEL	SP SPECS	SUMP PUMP SPECIFICATIONS	FLUSH FLOOR DOUBLE DUPLEX RECEPTACLE
FBO FL, FLU or FLUOR	FURNISHED BY OTHERS FLUORESCENT	SPKR SPR	SPEAKER SPLIT WIRE RECEPTACLE	FLUSH FLOOR MULTI-SERVICE OUTLET     (WITH DEVICES INDICATED)     THERMOS
FLA	FULL LOAD AMPERES	SW	SWITCH	CP MULTI-SERVICE POLE (WITH DEVICES INDICATED)
FVNR FVR	FULL VOLTAGE, NON-REVERSING FULL VOLTAGE, REVERSING	SWBD	SWITCH BOARD	
		TC TC		TE
GC GD	GENERAL CONTRACTOR GARBAGE DISPOSAL	TC TCC	TELEPHONE CABINET TEMPERATURE CONTROL CONTRACTOR	SPECIAL EQUIPMENT CABINET-AS NOTED $ abla$ Interc
GEN GFI or GFCI	GENERATOR GROUND FAULT CIRCUIT INTERRUPTER	TEL TL	TELEPHONE TWIST LOCK	TERMINATION BOARD - AS NOTED
GRC	GALVANIZED RIGID CONDUIT	TR, TRANS or TRFMF	R TRANSFORMER	∠ Z CABLE TRAY
GND or GRND	GROUND	TTB TV	TELEPHONE TERMINATION BOARD TELEVISION	
H & AC H & V	HEATING & AIR CONDITIONING HEATING & VENTILATING	TVSS TYP	TRANSIENT VOLTAGE SURGE SUPPRESSION TYPICAL	FIRE
HA	HANDICAP ACCESS DOOR			
HD HID	HAND DRYER HIGH INTENSITY DISCHARGE	UG UH	UNDERGROUND UNIT HEATER	F FIRE ALARM MANUAL STATION (46" M.H.) PS PRESSURE S
HP HPS	HORSE POWER HIGH PRESSURE SODIUM	UV	UNIT VENTILATOR	D HEAT DETECTOR (RATE OF RISE) TS TAMPER SW
HTG	HEATING	V	VOLT	D HEAT DETECTOR (FIXED TEMP. ONLY) FR FIRE ALARM
HTR HVAC	HEATER HEATING, VENTILATION & AIR CONDITIONING	VFD	VARIABLE FREQUENCY DRIVE	SD UNITARY TYPE SMOKE DETECTOR RA REMOTE AND
HZ	HERTZ (CYCLES/SEC)	W	WATT	SD SMOKE DETECTOR DH DOOR HOLD
IC	INTERRUPTING CURRENT	W/ W/O	WITH WITHOUT	
IGR IMC	ISOLATED GROUND RECEPTACLE INTERMEDIATE METAL CONDUIT	WP WTR or H20	WEATHERPROOF WATER	
INC	INCANDESCENT	WS	WINDOW SHADE	BD BEAM DETECTOR TRANSMITTER CM CONTROL M
ISO	ISOLATED OR ISOLATION	XFMR	TRANSFORMER	BDK BEAM DETECTOR RECEIVER CH FIRE ALARM
J, JB or J-BOX	JUNCTION BOX			RT REMOTE TEST STATION
KCMIL	THOUSAND CIRCULAR MILS	Y	WYE CONNECTION	
KV KVA	KILOVOLT KILOVOLT - AMPERE	φ	PHASE	FS FLOW SWITCH
KVAR	KILOVOLT - AMPERE REACTIVE	Δ	DELTA	
KW	KILOWATT KILOWATT - HOUR			
KWH		-		NUR

EFE		ATION: R SIZE:		SE		OMPUTE	R 106					
POLES A				SE						MAIN CONNECTION:	250A	
	A (WAT	IS)			EPOWE	R ONE-	LINE DIA	GRAM		MAIN TYPE:	TYPE	1
185		10,	B (WA	(TTS)	C (W	ATTS)	POLES	AMPS	WIRE SIZE	ITEM FED		скт
	559	0								SPACE		2
3			18559	0						SPACE		4
					18559	0				SPACE		6
293	333	0								SPACE		8
3			29333	0						SPACE		10
					29333	0				SPACE		12
0	)	0								SPACE		14
			0	0						SPACE		16
					0	0				SPACE		18
<b>_OAD</b> : 4	47892	W	4789	2 W	4789	92 W	AMPS:	173 A	LOAD:	143677 W		

ELECTRICAL SYMBOLS THESE SYMBOLS COMPRISE A STANDARD LIST; NOT ALL SYMBOLS MAY APPEAR ON THIS PROJECT.					
AL	LL MOUNTING HEIGHTS ARE TO CENTER OF DEV SPECIFICALLY ON THE DRAWINGS OR I		FINISHED FLOOR, MOUNTING HEIGHTS IND IFICATIONS SHALL TAKE PRECEDENCE OV		
			LIGHTING		
A	CEILING SURFACE MOUNT FIXTURE. (Capital letter indicates fixture type.	$\sim$	RECESSED FIXTURE	OS	OCCUPANCY SENSOR
C	a Small letter indicates switching. Typical for all fixture types).		EMERGENCY RECESSED FIXTURE	\$	SINGLE POLE SWITCH (46" M.H.)
C	EMERGENCY CEILING SURFACE MOUNT FIXTURE		WALL FIXTURE	<b>\$</b> <sup>2</sup>	
С	H WALL FIXTURE		FLOOD LIGHT	<b>\$</b> <sup>3</sup>	THREE-WAY SWITCH (46" M.H.)
С	H EMERGENCY WALL FIXTURE		TRACK LIGHT	\$ <sup>4</sup>	FOUR-WAY SWITCH (46" M.H.)
e	RECESSED FIXTURE	PC	PHOTO ELECTRIC CELL	\$₽ \$ĸ	
Q	EMERGENCY RECESSED FIXTURE		LIGHTING CONTACTOR (54"M.H.)	ֆ՝՝ \$^	
	● EXTERIOR POLE LIGHT	ТС	TIME CLOCK (60" M.H.)	₽ \$□	
Г	BOLLARD LIGHT	 	EMERGENCY LIGHTING W/BATTERY I	, ¢⊺	
	SURFACE MOUNT FIXTURE	₽⊗	CEILING EXIT LIGHT (FACE(S) SHADED	<b>≜</b> S	VARIABLE SPEED SWITCH
	EMERGENCY SURFACE MOUNT FIXTURE	ŧ⊗		\$ <sup>F</sup>	FUSED SWITCH
			POWER		
∎−	PUSH BUTTON STATION (62" M.H.)	B	BLANK OUTLET	R	REMOTE HVAC SENSOR
••-	DOUBLE PUSH BUTTON STATION	J	JUNCTION BOX	$\blacksquare$	RADIANT HEAT PANEL
←	EMERGENCY SHUTDOWN PUSHBUTTON	Ρ	PULL BOX		BASEBOARD OR COVE ELEC. HEAT
━	ISOLATED GROUND RECEPTACLE (18" M.H.)	$\overline{\mathcal{N}}$	MOTOR	D	ELECTRIC UNIT HEATER
₽	DUPLEX CONVENIENCE RECEPTACLE (18" M.H	I.)	DISCONNECT SWITCH		ELECTRIC CABINET UNIT HEATER
θ-	SINGLE RECEPTACLE (18" M.H.)	GAP	GENERATOR ANNUNICIATOR PANEL	Μ	MOTORIZED DAMPER
<b>=</b>	DOUBLE DUPLEX CONVENIENCE RECEPTACLE (18" M.H.)		AUTOMATIC TRANSFER SWITCH	$\overline{\times}$	BUS DUCT
<b>6</b> =	(10 MI.FL.) DOUBLE DUPLEX CONVENIENCE RECEPTACLE (18" M.H.)		VARIABLE FREQUENCY DRIVE		SURFACE MOUNT RACEWAY
<b>e</b>	(18" M.H.) SPLIT WIRED DUPLEX RECEPTACLE (18" M.H)	VFD -	COMBINATION VARIABLE	$\overline{\mathbb{N}}$	
	SAFETY CONVENIENCE RECEPTACLE		FREQUENCY DRIVE DISCONNECT	×	CEILING PADDLE FAN
				ຼູ່	
€		R	COMBINATION STARTER/DISCONNECT		
⁼⊖= đ	EMERGENCY DUPLEX RECEPTACLE		MOTOR THERMAL SWITCH	<u>#</u>	
⇔	TWIST LOCK RECEPTACLE	TR	TRANSFORMER		ROOFTOP EQUIPMENT/CIRCUITING
₽			ELECTRIC METER		EXISTING EQUIPMENT/CIRCUITING
┣	GFI DOUBLE DUPLEX CONVENIENCE RECEPTACLE		SWITCHBOARD/DISTRIBUTION PANEL SECTION	÷	GROUND
$\bigcirc$	SPECIAL PURPOSE OUTLET OR CONNECTION	$\leq$	PANELBOARD OR LOAD CENTER	_UG	CONDUIT IN FLOOR OR UNDERGROUND
کو∉	CORD/PLUG		PANELBOARD OR LOAD CENTER (EXISTING TO REMAIN)		
		TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSER	PNL-1,2,3	CONDUIT IN WALL OR CEILING SPACE, CROSS MARKS INDICATE NUMBER OF WIRES, NO
$\bigcirc$		ి	CIRCUIT BREAKER	AA.	MARKS INDICATE TWO WIRES. ARROWS INDICATE HOME RUNS TO PANEL. NUMBERS
€	CEILING DUPLEX RECEPTACLE	૾ૢ	FUSE		INDICATE PANEL AND CIRCUIT IN PANEL. SWITCHLEG
0	FLUSH FLOOR DUPLEX RECEPTACLE	Ū.	HUMIDISTAT		TRAVELER HOT
<b>⊕</b>	FLUSH FLOOR DOUBLE DUPLEX RECEPTACLE	H		//	
~	FLUSH FLOOR MILL TI-SERVICE OUTLET	Ŕ	THEDMOSTAT		NEUTRAL WIRE
٢	FLUSH FLOOR MULTI-SERVICE OUTLET (WITH DEVICES INDICATED)	$\bigcirc$	THERMOSTAT		NEUTRAL WIRE INDICATES SEPARATE GROUND WIRE TO BE INSTALLED IN RACEWAY
© CP		Ŭ	THERMOSTAT		INDICATES SEPARATE GROUND WIRE TO
_	(WITH DEVICES INDICATED)	Ŭ	THERMOSTAT		INDICATES SEPARATE GROUND WIRE TO
_	(WITH DEVICES INDICATED)	Ŭ			INDICATES SEPARATE GROUND WIRE TO BE INSTALLED IN RACEWAY
_	(WITH DEVICES INDICATED) MULTI-SERVICE POLE (WITH DEVICES INDICAT		TELECOM INTERCOM TELEPHONE/VOICE OUTLET (18" M.H.)	V	INDICATES SEPARATE GROUND WIRE TO BE INSTALLED IN RACEWAY CEILING MOUNT DATA OUTLET COMBINATION VOICE/DATA OUTLET (18" M.H.)
_	(WITH DEVICES INDICATED) MULTI-SERVICE POLE (WITH DEVICES INDICAT SPECIAL EQUIPMENT CABINET-AS NOTED		TELECOM		INDICATES SEPARATE GROUND WIRE TO BE INSTALLED IN RACEWAY CEILING MOUNT DATA OUTLET
_	(WITH DEVICES INDICATED) MULTI-SERVICE POLE (WITH DEVICES INDICAT SPECIAL EQUIPMENT CABINET-AS NOTED TERMINATION BOARD - AS NOTED		TELECOM INTERCOM TELEPHONE/VOICE OUTLET (18" M.H.) W WALL PHONE (46" M.H.)	<b>V</b> ™	INDICATES SEPARATE GROUND WIRE TO BE INSTALLED IN RACEWAY CEILING MOUNT DATA OUTLET COMBINATION VOICE/DATA OUTLET (18" M.H.) TELEVISION OUTLET (18" M.H.)
_	(WITH DEVICES INDICATED) MULTI-SERVICE POLE (WITH DEVICES INDICAT SPECIAL EQUIPMENT CABINET-AS NOTED TERMINATION BOARD - AS NOTED		TELECOM INTERCOM TELEPHONE/VOICE OUTLET (18" M.H.) W WALL PHONE (46" M.H.) DATA OUTLET (18" M.H.)		INDICATES SEPARATE GROUND WIRE TO BE INSTALLED IN RACEWAY CEILING MOUNT DATA OUTLET COMBINATION VOICE/DATA OUTLET (18" M.H.) TELEVISION OUTLET (18" M.H.)
	(WITH DEVICES INDICATED) MULTI-SERVICE POLE (WITH DEVICES INDICAT SPECIAL EQUIPMENT CABINET-AS NOTED TERMINATION BOARD - AS NOTED CABLE TRAY	red) V V V PS PI	TELECOM INTERCOM TELEPHONE/VOICE OUTLET (18" M.H.) W WALL PHONE (46" M.H.) DATA OUTLET (18" M.H.) FIRE ALARM	▼ © ©	INDICATES SEPARATE GROUND WIRE TO BE INSTALLED IN RACEWAY CEILING MOUNT DATA OUTLET COMBINATION VOICE/DATA OUTLET (18" M.H.) TELEVISION OUTLET (18" M.H.) CEILING MOUNT TELEVISION OUTLET
	(WITH DEVICES INDICATED) MULTI-SERVICE POLE (WITH DEVICES INDICAT SPECIAL EQUIPMENT CABINET-AS NOTED TERMINATION BOARD - AS NOTED CABLE TRAY FIRE ALARM MANUAL STATION (46" M.H.)	red) V V PS PI TS T/	TELECOM INTERCOM TELEPHONE/VOICE OUTLET (18" M.H.) WALL PHONE (46" M.H.) DATA OUTLET (18" M.H.) FIRE ALARM RESSURE SWITCH		INDICATES SEPARATE GROUND WIRE TO BE INSTALLED IN RACEWAY CEILING MOUNT DATA OUTLET COMBINATION VOICE/DATA OUTLET (18" M.H.) TELEVISION OUTLET (18" M.H.) CEILING MOUNT TELEVISION OUTLET CEILING MOUNT FIRE ALARM VOICE/STROBE
	(WITH DEVICES INDICATED) MULTI-SERVICE POLE (WITH DEVICES INDICAT SPECIAL EQUIPMENT CABINET-AS NOTED TERMINATION BOARD - AS NOTED CABLE TRAY FIRE ALARM MANUAL STATION (46" M.H.) HEAT DETECTOR (RATE OF RISE)	red) V V V PS PI FR FI	TELECOM         INTERCOM         TELEPHONE/VOICE OUTLET (18" M.H.)         WALL PHONE (46" M.H.)         DATA OUTLET (18" M.H.)         FIRE ALARM         RESSURE SWITCH         AMPER SWITCH		INDICATES SEPARATE GROUND WIRE TO BE INSTALLED IN RACEWAY CEILING MOUNT DATA OUTLET COMBINATION VOICE/DATA OUTLET (18" M.H.) TELEVISION OUTLET (18" M.H.) CEILING MOUNT TELEVISION OUTLET CEILING MOUNT FIRE ALARM VOICE/STROBE MINI FIRE ALARM HORN
	(WITH DEVICES INDICATED) MULTI-SERVICE POLE (WITH DEVICES INDICAT SPECIAL EQUIPMENT CABINET-AS NOTED TERMINATION BOARD - AS NOTED CABLE TRAY FIRE ALARM MANUAL STATION (46" M.H.) HEAT DETECTOR (RATE OF RISE) HEAT DETECTOR (FIXED TEMP. ONLY)	red) V V V PS PI FR FI RA R	TELECOM         INTERCOM         TELEPHONE/VOICE OUTLET (18" M.H.)         WALL PHONE (46" M.H.)         DATA OUTLET (18" M.H.)         FIRE ALARM         RESSURE SWITCH         REALARM CUT-OFF RELAY		INDICATES SEPARATE GROUND WIRE TO BE INSTALLED IN RACEWAY CEILING MOUNT DATA OUTLET COMBINATION VOICE/DATA OUTLET (18" M.H.) TELEVISION OUTLET (18" M.H.) CEILING MOUNT TELEVISION OUTLET CEILING MOUNT FIRE ALARM VOICE/STROBE MINI FIRE ALARM HORN MINI FIRE ALARM HORN/STROBE
	(WITH DEVICES INDICATED) MULTI-SERVICE POLE (WITH DEVICES INDICAT SPECIAL EQUIPMENT CABINET-AS NOTED TERMINATION BOARD - AS NOTED CABLE TRAY FIRE ALARM MANUAL STATION (46" M.H.) HEAT DETECTOR (RATE OF RISE) HEAT DETECTOR (FIXED TEMP. ONLY) UNITARY TYPE SMOKE DETECTOR	FED)	TELECOM         INTERCOM         TELEPHONE/VOICE OUTLET (18" M.H.)         WALL PHONE (46" M.H.)         DATA OUTLET (18" M.H.)	▼ ©© ∑ ∑ E S S E S S S S S S S S S S S S S S	INDICATES SEPARATE GROUND WIRE TO BE INSTALLED IN RACEWAY CEILING MOUNT DATA OUTLET COMBINATION VOICE/DATA OUTLET (18" M.H.) TELEVISION OUTLET (18" M.H.) CEILING MOUNT TELEVISION OUTLET CEILING MOUNT FIRE ALARM VOICE/STROBE MINI FIRE ALARM HORN MINI FIRE ALARM HORN/STROBE PROJECTION HORN
	(WITH DEVICES INDICATED) MULTI-SERVICE POLE (WITH DEVICES INDICAT SPECIAL EQUIPMENT CABINET-AS NOTED TERMINATION BOARD - AS NOTED CABLE TRAY FIRE ALARM MANUAL STATION (46" M.H.) HEAT DETECTOR (RATE OF RISE) HEAT DETECTOR (FIXED TEMP. ONLY) UNITARY TYPE SMOKE DETECTOR SMOKE DETECTOR	red)	TELECOM         INTERCOM         TELEPHONE/VOICE OUTLET (18" M.H.)         WALL PHONE (46" M.H.)         DATA OUTLET (18" M.H.)         FIRE ALARM         RESSURE SWITCH         AMPER SWITCH         IRE ALARM CUT-OFF RELAY         EMOTE ANNUNICIATOR         OOR HOLDER	♥ ® ® S S S S S S S S S S S S S S S S S	INDICATES SEPARATE GROUND WIRE TO BE INSTALLED IN RACEWAY CEILING MOUNT DATA OUTLET COMBINATION VOICE/DATA OUTLET (18" M.H.) TELEVISION OUTLET (18" M.H.) CEILING MOUNT TELEVISION OUTLET CEILING MOUNT FIRE ALARM VOICE/STROBE MINI FIRE ALARM HORN MINI FIRE ALARM HORN FIRE ALARM STROBE (80" M.H.)
	(WITH DEVICES INDICATED) MULTI-SERVICE POLE (WITH DEVICES INDICAT SPECIAL EQUIPMENT CABINET-AS NOTED TERMINATION BOARD - AS NOTED CABLE TRAY FIRE ALARM MANUAL STATION (46" M.H.) HEAT DETECTOR (RATE OF RISE) HEAT DETECTOR (FIXED TEMP. ONLY) UNITARY TYPE SMOKE DETECTOR SMOKE DETECTOR DUCT SMOKE DETECTOR	red) V V V PS PI FR FI RA R DH Du M CM C	TELECOM         INTERCOM         TELEPHONE/VOICE OUTLET (18" M.H.)         WALL PHONE (46" M.H.)         DATA OUTLET (18" M.H.)         DATA OUTLET (18" M.H.)         FIRE ALARM         RESSURE SWITCH         REVENTION         INTER ALARM CUT-OFF RELAY         EMOTE ANNUNICIATOR         OOR HOLDER         INTOR MODULE		INDICATES SEPARATE GROUND WIRE TO BE INSTALLED IN RACEWAY CEILING MOUNT DATA OUTLET COMBINATION VOICE/DATA OUTLET (18" M.H.) TELEVISION OUTLET (18" M.H.) CEILING MOUNT TELEVISION OUTLET CEILING MOUNT FIRE ALARM VOICE/STROBE MINI FIRE ALARM HORN MINI FIRE ALARM HORN/STROBE PROJECTION HORN FIRE ALARM STROBE (80" M.H.) CEILING MOUNT FIRE ALARM STROBE
	(WITH DEVICES INDICATED) MULTI-SERVICE POLE (WITH DEVICES INDICAT SPECIAL EQUIPMENT CABINET-AS NOTED TERMINATION BOARD - AS NOTED CABLE TRAY FIRE ALARM MANUAL STATION (46" M.H.) HEAT DETECTOR (RATE OF RISE) HEAT DETECTOR (FIXED TEMP. ONLY) UNITARY TYPE SMOKE DETECTOR SMOKE DETECTOR DUCT SMOKE DETECTOR → BEAM DETECTOR TRANSMITTER → BEAM DETECTOR RECEIVER	red)	TELECOM         INTERCOM         TELEPHONE/VOICE OUTLET (18" M.H.)         W       TELEPHONE/VOICE OUTLET (18" M.H.)         WALL PHONE (46" M.H.)       DATA OUTLET (18" M.H.)         DATA OUTLET (18" M.H.)         DATA OUTLET (18" M.H.)         DATA OUTLET (18" M.H.)         DATA OUTLET (18" M.H.)         DATA OUTLET (18" M.H.)         DATA OUTLET (18" M.H.)         DATA OUTLET (18" M.H.)         DATA OUTLET (18" M.H.)         DATA OUTLET (18" M.H.)         DATA OUTLET (18" M.H.)         DATA OUTLET (18" M.H.)         DATA OUTLET (18" M.H.)         DATA OUTLET (18" M.H.)         DATA OUTLET (18" M.H.)         DATA OUTLET (18" M.H.)         DATA OUTLOFF RELAY         DATA OUTLE         ONITOR MODULE       ONITOL MODULE         INTOL MODULE         INTOL MODULE       INTOL MODULE         INTOL MODULE       INTOL MODULE	▼®® SEESSE SEESSE	INDICATES SEPARATE GROUND WIRE TO BE INSTALLED IN RACEWAY CEILING MOUNT DATA OUTLET COMBINATION VOICE/DATA OUTLET (18" M.H.) TELEVISION OUTLET (18" M.H.) CEILING MOUNT TELEVISION OUTLET CEILING MOUNT FIRE ALARM VOICE/STROBE MINI FIRE ALARM HORN MINI FIRE ALARM HORN/STROBE PROJECTION HORN FIRE ALARM STROBE (80" M.H.) CEILING MOUNT FIRE ALARM STROBE FIRE ALARM BELL (88" M.H.)
	(WITH DEVICES INDICATED) MULTI-SERVICE POLE (WITH DEVICES INDICAT SPECIAL EQUIPMENT CABINET-AS NOTED TERMINATION BOARD - AS NOTED CABLE TRAY FIRE ALARM MANUAL STATION (46" M.H.) HEAT DETECTOR (RATE OF RISE) HEAT DETECTOR (FIXED TEMP. ONLY) UNITARY TYPE SMOKE DETECTOR SMOKE DETECTOR DUCT SMOKE DETECTOR → BEAM DETECTOR TRANSMITTER — BEAM DETECTOR RECEIVER REMOTE TEST STATION		TELECOM         INTERCOM         TELEPHONE/VOICE OUTLET (18" M.H.)         WALL PHONE (46" M.H.)         DATA OUTLET (18" M.H.)         DATA OUTLET (18" M.H.)         TREE ALARM         RESSURE SWITCH         AMPER SWITCH         IRE ALARM CUT-OFF RELAY         EMOTE ANNUNICIATOR         OOR HOLDER         IONITOR MODULE         ONTROL MODULE         IRE ALARM CHIME/STROBE         IRE ALARM HORN/STROBE (80"M.H)	▼ ® ® Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z	INDICATES SEPARATE GROUND WIRE TO BE INSTALLED IN RACEWAY CEILING MOUNT DATA OUTLET COMBINATION VOICE/DATA OUTLET (18" M.H.) TELEVISION OUTLET (18" M.H.) CEILING MOUNT TELEVISION OUTLET CEILING MOUNT FIRE ALARM VOICE/STROBE MINI FIRE ALARM HORN/STROBE PROJECTION HORN FIRE ALARM STROBE (80" M.H.) CEILING MOUNT FIRE ALARM STROBE FIRE ALARM BELL (88" M.H.) COMBINATION FIRE/SMOKE DAMPER FIRE ALARM ANNUNCIATOR PANEL
	(WITH DEVICES INDICATED) MULTI-SERVICE POLE (WITH DEVICES INDICAT SPECIAL EQUIPMENT CABINET-AS NOTED TERMINATION BOARD - AS NOTED CABLE TRAY FIRE ALARM MANUAL STATION (46" M.H.) HEAT DETECTOR (RATE OF RISE) HEAT DETECTOR (FIXED TEMP. ONLY) UNITARY TYPE SMOKE DETECTOR SMOKE DETECTOR DUCT SMOKE DETECTOR DUCT SMOKE DETECTOR BEAM DETECTOR RECEIVER REMOTE TEST STATION COMB HEAT/SMOKE DETECTOR		TELECOM         INTERCOM         TELEPHONE/VOICE OUTLET (18" M.H.)         WALL PHONE (46" M.H.)         DATA OUTLET (18" M.H.)         DATA OUTLET (18" M.H.)         FIRE ALARM         RESSURE SWITCH         AMPER SWITCH         IRE ALARM CUT-OFF RELAY         ENOTE ANNUNICIATOR         OOR HOLDER         IONITOR MODULE         IRE ALARM CHIME/STROBE         IRE ALARM HORN/STROBE (80"M.H)         EILING MOUNT FIRE ALARM HORN/STROBE		INDICATES SEPARATE GROUND WIRE TO BE INSTALLED IN RACEWAY CEILING MOUNT DATA OUTLET COMBINATION VOICE/DATA OUTLET (18" M.H.) TELEVISION OUTLET (18" M.H.) CEILING MOUNT TELEVISION OUTLET CEILING MOUNT FIRE ALARM VOICE/STROBE MINI FIRE ALARM HORN MINI FIRE ALARM HORN/STROBE PROJECTION HORN FIRE ALARM STROBE (80" M.H.) CEILING MOUNT FIRE ALARM STROBE FIRE ALARM BELL (88" M.H.) COMBINATION FIRE/SMOKE DAMPER FIRE ALARM ANNUNCIATOR PANEL FIRE ALARM CONTROL PANEL
	(WITH DEVICES INDICATED) MULTI-SERVICE POLE (WITH DEVICES INDICAT SPECIAL EQUIPMENT CABINET-AS NOTED TERMINATION BOARD - AS NOTED CABLE TRAY FIRE ALARM MANUAL STATION (46" M.H.) HEAT DETECTOR (RATE OF RISE) HEAT DETECTOR (FIXED TEMP. ONLY) UNITARY TYPE SMOKE DETECTOR SMOKE DETECTOR DUCT SMOKE DETECTOR DUCT SMOKE DETECTOR BEAM DETECTOR RECEIVER REMOTE TEST STATION COMB HEAT/SMOKE DETECTOR		TELECOM         INTERCOM         TELEPHONE/VOICE OUTLET (18" M.H.)         WALL PHONE (46" M.H.)         DATA OUTLET (18" M.H.)         DATA OUTLET (18" M.H.)         TREE ALARM         RESSURE SWITCH         AMPER SWITCH         IRE ALARM CUT-OFF RELAY         EMOTE ANNUNICIATOR         OOR HOLDER         IONITOR MODULE         ONTROL MODULE         IRE ALARM CHIME/STROBE         IRE ALARM HORN/STROBE (80"M.H)	▼ ® ® Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z	INDICATES SEPARATE GROUND WIRE TO BE INSTALLED IN RACEWAY CEILING MOUNT DATA OUTLET COMBINATION VOICE/DATA OUTLET (18" M.H.) TELEVISION OUTLET (18" M.H.) CEILING MOUNT TELEVISION OUTLET CEILING MOUNT FIRE ALARM VOICE/STROBE MINI FIRE ALARM HORN/STROBE PROJECTION HORN FIRE ALARM STROBE (80" M.H.) CEILING MOUNT FIRE ALARM STROBE FIRE ALARM BELL (88" M.H.) COMBINATION FIRE/SMOKE DAMPER FIRE ALARM ANNUNCIATOR PANEL
	(WITH DEVICES INDICATED)         MULTI-SERVICE POLE (WITH DEVICES INDICAT         SPECIAL EQUIPMENT CABINET-AS NOTED         TERMINATION BOARD - AS NOTED         CABLE TRAY         FIRE ALARM MANUAL STATION (46" M.H.)         HEAT DETECTOR (RATE OF RISE)         HEAT DETECTOR (FIXED TEMP. ONLY)         UNITARY TYPE SMOKE DETECTOR         SMOKE DETECTOR         DUCT SMOKE DETECTOR         BEAM DETECTOR TRANSMITTER         BEAM DETECTOR RECEIVER         REMOTE TEST STATION         COMB HEAT/SMOKE DETECTOR         FLOW SWITCH		TELECOM         INTERCOM         INTERCOM         TELEPHONE/VOICE OUTLET (18" M.H.)         WALL PHONE (46" M.H.)         DATA OUTLET (18" M.H.)         DATA OUTLET (18" M.H.)         TRE ALARM         OUTLET (18" M.H.)         TRE ALARM         AMPER SWITCH         AMPER SWITCH         AMPER SWITCH         INTE ALARM CUT-OFF RELAY         EMOTE ANNUNICIATOR         OOR HOLDER         IONITOR MODULE         ONTROL MODULE         IRE ALARM HORN/STROBE (80"M.H)         EILING MOUNT FIRE ALARM HORN/STROBE         INURSE CALL		INDICATES SEPARATE GROUND WIRE TO BE INSTALLED IN RACEWAY CEILING MOUNT DATA OUTLET COMBINATION VOICE/DATA OUTLET (18" M.H.) TELEVISION OUTLET (18" M.H.) CEILING MOUNT TELEVISION OUTLET CEILING MOUNT TELEVISION OUTLET CEILING MOUNT FIRE ALARM VOICE/STROBE MINI FIRE ALARM HORN MINI FIRE ALARM HORN/STROBE PROJECTION HORN FIRE ALARM STROBE (80" M.H.) CEILING MOUNT FIRE ALARM STROBE FIRE ALARM BELL (88" M.H.) COMBINATION FIRE/SMOKE DAMPER FIRE ALARM ANNUNCIATOR PANEL FIRE ALARM CONTROL PANEL FIRE FIGHTER PHONE JACK
	(WITH DEVICES INDICATED)         MULTI-SERVICE POLE (WITH DEVICES INDICAT         SPECIAL EQUIPMENT CABINET-AS NOTED         TERMINATION BOARD - AS NOTED         CABLE TRAY         FIRE ALARM MANUAL STATION (46" M.H.)         HEAT DETECTOR (RATE OF RISE)         HEAT DETECTOR (FIXED TEMP. ONLY)         UNITARY TYPE SMOKE DETECTOR         SMOKE DETECTOR         DUCT SMOKE DETECTOR         BEAM DETECTOR TRANSMITTER         BEAM DETECTOR RECEIVER         REMOTE TEST STATION         COMB HEAT/SMOKE DETECTOR         FLOW SWITCH		TELECOM         INTERCOM         TELEPHONE/VOICE OUTLET (18" M.H.)         W         VALL PHONE (46" M.H.)         DATA OUTLET (18" M.H.)         DATA OUTLET (18" M.H.)         FIRE ALARM         RESSURE SWITCH         AMPER SWITCH         IRE ALARM CUT-OFF RELAY         ENOTE ANNUNICIATOR         IONITOR MODULE         INTROL MODULE         IRE ALARM CHIME/STROBE         IRE ALARM HORN/STROBE (80"M.H)         EILING MOUNT FIRE ALARM HORN/STROBE         IRE ALARM VOICE/STROBE (80"M.H)         MURSE CALL         MASTER STATION		INDICATES SEPARATE GROUND WIRE TO BE INSTALLED IN RACEWAY CEILING MOUNT DATA OUTLET COMBINATION VOICE/DATA OUTLET (18" M.H.) TELEVISION OUTLET (18" M.H.) CEILING MOUNT TELEVISION OUTLET CEILING MOUNT TELEVISION OUTLET CEILING MOUNT FIRE ALARM VOICE/STROBE MINI FIRE ALARM HORN MINI FIRE ALARM HORN/STROBE PROJECTION HORN FIRE ALARM STROBE (80" M.H.) CEILING MOUNT FIRE ALARM STROBE FIRE ALARM BELL (88" M.H.) COMBINATION FIRE/SMOKE DAMPER FIRE ALARM ANNUNCIATOR PANEL FIRE ALARM CONTROL PANEL FIRE FIGHTER PHONE JACK
	(WITH DEVICES INDICATED)         MULTI-SERVICE POLE (WITH DEVICES INDICAT         SPECIAL EQUIPMENT CABINET-AS NOTED         TERMINATION BOARD - AS NOTED         CABLE TRAY         FIRE ALARM MANUAL STATION (46" M.H.)         HEAT DETECTOR (RATE OF RISE)         HEAT DETECTOR (FIXED TEMP. ONLY)         UNITARY TYPE SMOKE DETECTOR         SMOKE DETECTOR         DUCT SMOKE DETECTOR         BEAM DETECTOR TRANSMITTER         BEAM DETECTOR RECEIVER         REMOTE TEST STATION         COMB HEAT/SMOKE DETECTOR         FLOW SWITCH		TELECOM         INTERCOM         INTERCOM         TELEPHONE/VOICE OUTLET (18" M.H.)         WALL PHONE (46" M.H.)         DATA OUTLET (18" M.H.)         DATA OUTLET (18" M.H.)         TRE ALARM         OUTLET (18" M.H.)         TRE ALARM         AMPER SWITCH         AMPER SWITCH         AMPER SWITCH         INTE ALARM CUT-OFF RELAY         EMOTE ANNUNICIATOR         OOR HOLDER         IONITOR MODULE         ONTROL MODULE         IRE ALARM HORN/STROBE (80"M.H)         EILING MOUNT FIRE ALARM HORN/STROBE         INURSE CALL		INDICATES SEPARATE GROUND WIRE TO BE INSTALLED IN RACEWAY CEILING MOUNT DATA OUTLET COMBINATION VOICE/DATA OUTLET (18" M.H.) TELEVISION OUTLET (18" M.H.) CEILING MOUNT TELEVISION OUTLET CEILING MOUNT TELEVISION OUTLET CEILING MOUNT FIRE ALARM VOICE/STROBE MINI FIRE ALARM HORN MINI FIRE ALARM HORN/STROBE PROJECTION HORN FIRE ALARM STROBE (80" M.H.) CEILING MOUNT FIRE ALARM STROBE FIRE ALARM BELL (88" M.H.) COMBINATION FIRE/SMOKE DAMPER FIRE ALARM ANNUNCIATOR PANEL FIRE ALARM CONTROL PANEL FIRE FIGHTER PHONE JACK
	(WITH DEVICES INDICATED)         MULTI-SERVICE POLE (WITH DEVICES INDICAT         SPECIAL EQUIPMENT CABINET-AS NOTED         TERMINATION BOARD - AS NOTED         CABLE TRAY         FIRE ALARM MANUAL STATION (46" M.H.)         HEAT DETECTOR (RATE OF RISE)         HEAT DETECTOR (FIXED TEMP. ONLY)         UNITARY TYPE SMOKE DETECTOR         SMOKE DETECTOR         DUCT SMOKE DETECTOR         BEAM DETECTOR TRANSMITTER         BEAM DETECTOR RECEIVER         REMOTE TEST STATION         COMB HEAT/SMOKE DETECTOR         FLOW SWITCH		TELECOM         INTERCOM         TELEPHONE/VOICE OUTLET (18" M.H.)         W         VALL PHONE (46" M.H.)         DATA OUTLET (18" M.H.)         DATA OUTLET (18" M.H.)         FIRE ALARM         RESSURE SWITCH         AMPER SWITCH         IRE ALARM CUT-OFF RELAY         ENOTE ANNUNICIATOR         IONITOR MODULE         INTROL MODULE         IRE ALARM CHIME/STROBE         IRE ALARM HORN/STROBE (80"M.H)         EILING MOUNT FIRE ALARM HORN/STROBE         IRE ALARM VOICE/STROBE (80"M.H)         MURSE CALL         MASTER STATION		INDICATES SEPARATE GROUND WIRE TO BE INSTALLED IN RACEWAY CEILING MOUNT DATA OUTLET COMBINATION VOICE/DATA OUTLET (18" M.H.) TELEVISION OUTLET (18" M.H.) CEILING MOUNT TELEVISION OUTLET CEILING MOUNT TELEVISION OUTLET CEILING MOUNT FIRE ALARM VOICE/STROBE MINI FIRE ALARM HORN MINI FIRE ALARM HORN/STROBE PROJECTION HORN FIRE ALARM STROBE (80" M.H.) CEILING MOUNT FIRE ALARM STROBE FIRE ALARM BELL (88" M.H.) COMBINATION FIRE/SMOKE DAMPER FIRE ALARM ANNUNCIATOR PANEL FIRE ALARM CONTROL PANEL FIRE FIGHTER PHONE JACK
	(WITH DEVICES INDICATED)         MULTI-SERVICE POLE (WITH DEVICES INDICAT         SPECIAL EQUIPMENT CABINET-AS NOTED         TERMINATION BOARD - AS NOTED         CABLE TRAY         FIRE ALARM MANUAL STATION (46" M.H.)         HEAT DETECTOR (RATE OF RISE)         HEAT DETECTOR (FIXED TEMP. ONLY)         UNITARY TYPE SMOKE DETECTOR         SMOKE DETECTOR         DUCT SMOKE DETECTOR         DUCT SMOKE DETECTOR         BEAM DETECTOR RECEIVER         REMOTE TEST STATION         COMB HEAT/SMOKE DETECTOR         FLOW SWITCH         SINGLE PATIENT NURSE CALL STATION         (46" M.H.)         STAFF STATION         (46" M.H.)         STAFF EMERGENCY STATION		TELECOM         INTERCOM         TELEPHONE/VOICE OUTLET (18" M.H.)         W         VALL PHONE (46" M.H.)         DATA OUTLET (18" M.H.)         DATA OUTLET (18" M.H.)         FIRE ALARM         RESSURE SWITCH         AMPER SWITCH         IRE ALARM CUT-OFF RELAY         EMOTE ANNUNICIATOR         OOR HOLDER         IONITOR MODULE         IRE ALARM CHIME/STROBE         IRE ALARM HORN/STROBE (80"M.H)         EILING MOUNT FIRE ALARM HORN/STROBE         IRE ALARM VOICE/STROBE (80"M.H)         EILING MOUNT FIRE ALARM HORN/STROBE         IRE ALARM STROBE (80"M.H)         EILING MOUNT FIRE ALARM HORN/STROBE         IRE ALARM TORICE/STROBE (80"M.H)         EILING MOUNT FIRE ALARM HORN/STROBE         IRE ALARM TORICE/STROBE (80"M.H)         EILING MOUNT FIRE ALARM HORN/STROBE         IRE ALARM TORICE/STROBE (80"M.H)		INDICATES SEPARATE GROUND WIRE TO BE INSTALLED IN RACEWAY CEILING MOUNT DATA OUTLET COMBINATION VOICE/DATA OUTLET (18" M.H.) TELEVISION OUTLET (18" M.H.) CEILING MOUNT TELEVISION OUTLET CEILING MOUNT TELEVISION OUTLET CEILING MOUNT FIRE ALARM VOICE/STROBE MINI FIRE ALARM HORN MINI FIRE ALARM HORN/STROBE PROJECTION HORN FIRE ALARM STROBE (80" M.H.) CEILING MOUNT FIRE ALARM STROBE FIRE ALARM BELL (88" M.H.) COMBINATION FIRE/SMOKE DAMPER FIRE ALARM ANNUNCIATOR PANEL FIRE ALARM CONTROL PANEL FIRE FIGHTER PHONE JACK
	(WITH DEVICES INDICATED)         MULTI-SERVICE POLE (WITH DEVICES INDICAT         SPECIAL EQUIPMENT CABINET-AS NOTED         TERMINATION BOARD - AS NOTED         CABLE TRAY         FIRE ALARM MANUAL STATION (46" M.H.)         HEAT DETECTOR (RATE OF RISE)         HEAT DETECTOR (FIXED TEMP. ONLY)         UNITARY TYPE SMOKE DETECTOR         SMOKE DETECTOR         DUCT SMOKE DETECTOR         DUCT SMOKE DETECTOR         BEAM DETECTOR RECEIVER         REMOTE TEST STATION         COMB HEAT/SMOKE DETECTOR         FLOW SWITCH         SINGLE PATIENT NURSE CALL STATION (46" M.H.)         DUAL PATIENT CURSE CALL STATION (46" M.H.)         STAFF STATION (46" M.H.)		TELECOM         INTERCOM         TELEPHONE/VOICE OUTLET (18" M.H.)         WALL PHONE (46" M.H.)         DATA OUTLET (18" M.H.)         DATA OUTLET (18" M.H.)         DATA OUTLET (18" M.H.)         FIRE ALARM         RESSURE SWITCH         REWOTE ANNUNICIATOR         OOR HOLDER         IONITOR MODULE         INTROL MODULE         IRE ALARM CHIME/STROBE         IRE ALARM HORN/STROBE (80"M.H)         EILING MOUNT FIRE ALARM HORN/STROBE         IRE ALARM VOICE/STROBE (80"M.H)         CORRIDOR LAMP         CORRIDOR LAMP         ZONE LAMP		INDICATES SEPARATE GROUND WIRE TO BE INSTALLED IN RACEWAY CEILING MOUNT DATA OUTLET COMBINATION VOICE/DATA OUTLET (18" M.H.) TELEVISION OUTLET (18" M.H.) CEILING MOUNT TELEVISION OUTLET CEILING MOUNT TELEVISION OUTLET CEILING MOUNT FIRE ALARM VOICE/STROBE MINI FIRE ALARM HORN/STROBE PROJECTION HORN FIRE ALARM STROBE (80" M.H.) CEILING MOUNT FIRE ALARM STROBE FIRE ALARM BELL (88" M.H.) COMBINATION FIRE/SMOKE DAMPER FIRE ALARM ANNUNCIATOR PANEL FIRE ALARM ANNUNCIATOR PANEL FIRE FIGHTER PHONE JACK AREA CONTROL MODULE DOOR SWITCH DUTY STATION (46" M.H.) DOMELESS CONTROLLER
	(WITH DEVICES INDICATED)         MULTI-SERVICE POLE (WITH DEVICES INDICAT         SPECIAL EQUIPMENT CABINET-AS NOTED         TERMINATION BOARD - AS NOTED         CABLE TRAY         FIRE ALARM MANUAL STATION (46" M.H.)         HEAT DETECTOR (RATE OF RISE)         HEAT DETECTOR (FIXED TEMP. ONLY)         UNITARY TYPE SMOKE DETECTOR         SMOKE DETECTOR         DUCT SMOKE DETECTOR         DUCT SMOKE DETECTOR         BEAM DETECTOR RECEIVER         REMOTE TEST STATION         COMB HEAT/SMOKE DETECTOR         FLOW SWITCH         SINGLE PATIENT NURSE CALL STATION         (46" M.H.)         STAFF STATION         (46" M.H.)         STAFF STATION         (46" M.H.)         STAFF STATION         (46" M.H.)		TELECOM         INTERCOM         TELEPHONE/VOICE OUTLET (18" M.H.)         W         ALL PHONE (46" M.H.)         DATA OUTLET (18" M.H.)         DATA OUTLET (18" M.H.)         FIRE ALARM         RESSURE SWITCH         AMPER SWITCH         IRE ALARM CUT-OFF RELAY         EMOTE ANNUNICIATOR         OOR HOLDER         IONITOR MODULE         IRE ALARM CHIME/STROBE         IRE ALARM HORN/STROBE (80"M.H)         EILING MOUNT FIRE ALARM HORN/STROBE         IRE ALARM VOICE/STROBE (80"M.H)         EILING MOUNT FIRE ALARM HORN/STROBE         IRE ALARM TORICE/STROBE (80"M.H)         EILING MOUNT FIRE ALARM HORN/STROBE         IRE ALARM VOICE/STROBE (80"M.H)         EILING MOUNT FIRE ALARM HORN/STROBE         IRE ALARM VOICE/STROBE (80"M.H)		INDICATES SEPARATE GROUND WIRE TO BE INSTALLED IN RACEWAY CEILING MOUNT DATA OUTLET COMBINATION VOICE/DATA OUTLET (18" M.H.) TELEVISION OUTLET (18" M.H.) CEILING MOUNT TELEVISION OUTLET CEILING MOUNT TELEVISION OUTLET CEILING MOUNT FIRE ALARM VOICE/STROBE MINI FIRE ALARM HORN MINI FIRE ALARM HORN/STROBE PROJECTION HORN FIRE ALARM STROBE (80" M.H.) CEILING MOUNT FIRE ALARM STROBE FIRE ALARM BELL (88" M.H.) COMBINATION FIRE/SMOKE DAMPER FIRE ALARM ANNUNCIATOR PANEL FIRE ALARM ANNUNCIATOR PANEL FIRE ALARM CONTROL PANEL FIRE FIGHTER PHONE JACK
	(WITH DEVICES INDICATED)         MULTI-SERVICE POLE (WITH DEVICES INDICAT         SPECIAL EQUIPMENT CABINET-AS NOTED         TERMINATION BOARD - AS NOTED         CABLE TRAY         FIRE ALARM MANUAL STATION (46" M.H.)         HEAT DETECTOR (RATE OF RISE)         HEAT DETECTOR (FIXED TEMP. ONLY)         UNITARY TYPE SMOKE DETECTOR         SMOKE DETECTOR         DUCT SMOKE DETECTOR         BEAM DETECTOR RECEIVER         REMOTE TEST STATION         COMB HEAT/SMOKE DETECTOR         FLOW SWITCH         SINGLE PATIENT NURSE CALL STATION         (46" M.H.)         STAFF STATION         (46" M.H.)         STAFF STATION         (46" M.H.)         STAFF EMERGENCY STATION         (46" M.H.)		TELECOM         INTERCOM         TELEPHONE/VOICE OUTLET (18" M.H.)         WALL PHONE (46" M.H.)         DATA OUTLET (18" M.H.)         DATA OUTLET (18" M.H.)         DATA OUTLET (18" M.H.)         FIRE ALARM         RESSURE SWITCH         REWOTE ANNUNICIATOR         OOR HOLDER         IONITOR MODULE         INTROL MODULE         IRE ALARM CHIME/STROBE         IRE ALARM HORN/STROBE (80"M.H)         EILING MOUNT FIRE ALARM HORN/STROBE         IRE ALARM VOICE/STROBE (80"M.H)         CORRIDOR LAMP         CORRIDOR LAMP         ZONE LAMP		INDICATES SEPARATE GROUND WIRE TO BE INSTALLED IN RACEWAY CEILING MOUNT DATA OUTLET COMBINATION VOICE/DATA OUTLET (18" M.H.) TELEVISION OUTLET (18" M.H.) CEILING MOUNT TELEVISION OUTLET CEILING MOUNT TELEVISION OUTLET CEILING MOUNT FIRE ALARM VOICE/STROBE MINI FIRE ALARM HORN/STROBE PROJECTION HORN FIRE ALARM STROBE (80" M.H.) CEILING MOUNT FIRE ALARM STROBE FIRE ALARM BELL (88" M.H.) COMBINATION FIRE/SMOKE DAMPER FIRE ALARM ANNUNCIATOR PANEL FIRE ALARM ANNUNCIATOR PANEL FIRE FIGHTER PHONE JACK AREA CONTROL MODULE DOOR SWITCH DUTY STATION (46" M.H.) DOMELESS CONTROLLER
	(WITH DEVICES INDICATED)         MULTI-SERVICE POLE (WITH DEVICES INDICAT         SPECIAL EQUIPMENT CABINET-AS NOTED         TERMINATION BOARD - AS NOTED         CABLE TRAY         FIRE ALARM MANUAL STATION (46" M.H.)         HEAT DETECTOR (RATE OF RISE)         HEAT DETECTOR (FIXED TEMP. ONLY)         UNITARY TYPE SMOKE DETECTOR         SMOKE DETECTOR         DUCT SMOKE DETECTOR         BEAM DETECTOR TRANSMITTER         BEAM DETECTOR RECEIVER         REMOTE TEST STATION         COMB HEAT/SMOKE DETECTOR         FLOW SWITCH         SINGLE PATIENT NURSE CALL STATION         (46" M.H.)         STAFF STATION         (46" M.H.)         STAFF EMERGENCY STATION         (46" M.H.)         ALARM/REST STATION         (46" M.H.)		TELECOM         INTERCOM         INTERCOM         TELEPHONE/VOICE OUTLET (18" M.H.)         W       ALL PHONE (46" M.H.)         DATA OUTLET (18" M.H.)       DATA OUTLET (18" M.H.)         TELE PHONE/VOICE OUTLET (18" M.H.)         DATA OUTLET (18" M.H.)       DATA OUTLET (18" M.H.)         TELE PHONE (46" M.H.)         DATA OUTLET (18" M.H.)       DATA OUTLET (18" M.H.)         TERE ALARM OUTLOFF RELAY         RE ALARM CUT-OFF RELAY         CON HOLDER         ONITOR MODULE         ONITOR MODULE         ONITOR MODULE         IND AND SECURITY		INDICATES SEPARATE GROUND WIRE TO BE INSTALLED IN RACEWAY CEILING MOUNT DATA OUTLET COMBINATION VOICE/DATA OUTLET (18" M.H.) TELEVISION OUTLET (18" M.H.) CEILING MOUNT TELEVISION OUTLET CEILING MOUNT TELEVISION OUTLET CEILING MOUNT FIRE ALARM VOICE/STROBE MINI FIRE ALARM HORN MINI FIRE ALARM HORN/STROBE PROJECTION HORN FIRE ALARM STROBE (80" M.H.) CEILING MOUNT FIRE ALARM STROBE FIRE ALARM BELL (88" M.H.) COMBINATION FIRE/SMOKE DAMPER FIRE ALARM DONNCIATOR PANEL FIRE ALARM ANNUNCIATOR PANEL FIRE ALARM CONTROL PANEL FIRE FIGHTER PHONE JACK AREA CONTROL MODULE DOOR SWITCH DUTY STATION (46" M.H.) DOMELESS CONTROLLER CODE BLUE STATION
	(WITH DEVICES INDICATED)         MULTI-SERVICE POLE (WITH DEVICES INDICAT         SPECIAL EQUIPMENT CABINET-AS NOTED         TERMINATION BOARD - AS NOTED         CABLE TRAY         FIRE ALARM MANUAL STATION (46" M.H.)         HEAT DETECTOR (RATE OF RISE)         HEAT DETECTOR (FIXED TEMP. ONLY)         UNITARY TYPE SMOKE DETECTOR         SMOKE DETECTOR         DUCT SMOKE DETECTOR         BEAM DETECTOR RECEIVER         REMOTE TEST STATION         COMB HEAT/SMOKE DETECTOR         FLOW SWITCH         SINGLE PATIENT NURSE CALL STATION (46" M.H.)         STAFF STATION         (46" M.H.)         STAFF STATION (46" M.H.)         EMERGENCY STATION (46" M.H.)         STAFF EMERGENCY STATION (46" M.H.)		TELECOM         INTERCOM         TELEPHONE/VOICE OUTLET (18" M.H.)         WALL PHONE (46" M.H.)         DATA OUTLET (18" M.H.)         DATA OUTLET (18" M.H.)         DATA OUTLET (18" M.H.)         TELEPHONE/VOICE OUTLET (18" M.H.)         DATA OUTLET (18" M.H.)         RESSURE SWITCH         AMPER SWITCH         IRE ALARM CUT-OFF RELAY         EMOTE ANNUNICIATOR         OOR HOLDER         ONITOR MODULE         ONTROL MODULE         ONTROL MODULE         IRE ALARM CHIME/STROBE (80"M.H)         EILING MOUNT FIRE ALARM HORN/STROBE (80"M.H)         EILING MOUNT FIRE ALARM HORN/STROBE (80"M.H)         CORRIDOR LAMP         CORRIDOR LAMP         CEILING MOUNTED CORRIDOR LAMP         ZONE LAMP         CEILING MOUNTED ZONE LAMP         ANTENNA (AS NOTED)		INDICATES SEPARATE GROUND WIRE TO BE INSTALLED IN RACEWAY CEILING MOUNT DATA OUTLET COMBINATION VOICE/DATA OUTLET (18" M.H.) TELEVISION OUTLET (18" M.H.) CEILING MOUNT TELEVISION OUTLET CEILING MOUNT TELEVISION OUTLET CEILING MOUNT FIRE ALARM VOICE/STROBE MINI FIRE ALARM HORN/STROBE PROJECTION HORN FIRE ALARM STROBE (80" M.H.) CEILING MOUNT FIRE ALARM STROBE FIRE ALARM BELL (88" M.H.) COMBINATION FIRE/SMOKE DAMPER FIRE ALARM ANNUNCIATOR PANEL FIRE ALARM ANNUNCIATOR PANEL FIRE FIGHTER PHONE JACK AREA CONTROL MODULE DOOR SWITCH DUTY STATION (46" M.H.) DOMELESS CONTROLLER
	(WITH DEVICES INDICATED)         MULTI-SERVICE POLE (WITH DEVICES INDICAT         SPECIAL EQUIPMENT CABINET-AS NOTED         TERMINATION BOARD - AS NOTED         CABLE TRAY         FIRE ALARM MANUAL STATION (46" M.H.)         HEAT DETECTOR (RATE OF RISE)         HEAT DETECTOR (FIXED TEMP. ONLY)         UNITARY TYPE SMOKE DETECTOR         SMOKE DETECTOR         DUCT SMOKE DETECTOR         BEAM DETECTOR TRANSMITTER         BEAM DETECTOR RECEIVER         REMOTE TEST STATION         COMB HEAT/SMOKE DETECTOR         FLOW SWITCH         SINGLE PATIENT NURSE CALL STATION         (46" M.H.)         STAFF STATION         (46" M.H.)         STAFF EMERGENCY STATION         (46" M.H.)         ALARM/REST STATION         (46" M.H.)		TELECOM         INTERCOM         INTERCOM         TELEPHONE/VOICE OUTLET (18" M.H.)         W       ALL PHONE (46" M.H.)         DATA OUTLET (18" M.H.)       DATA OUTLET (18" M.H.)         TELEPHONE/VOICE OUTLET (18" M.H.)         DATA OUTLET (18" M.H.)       DATA OUTLET (18" M.H.)         TERE ALARM         RESSURE SWITCH         RE ALARM CUT-OFF RELAY         EMOTE ANNUNICIATOR         OOR HOLDER         ONTROL MODULE         INTOR MODULE         INC ALARM CHIME/STROBE         INC ALARM HORN/STROBE (80"M.H)         EILING MOUNT FIRE ALARM HORN/STROBE         INC ALARM VOICE/STROBE (80"M.H)         IND AND SECURIDOR LAMP         ZONE LAMP         CEILING MOUNTED CORRIDOR LAMP         ANTENNA (AS NOTED)		INDICATES SEPARATE GROUND WIRE TO BE INSTALLED IN RACEWAY CEILING MOUNT DATA OUTLET COMBINATION VOICE/DATA OUTLET (18" M.H.) TELEVISION OUTLET (18" M.H.) CEILING MOUNT TELEVISION OUTLET CEILING MOUNT FIRE ALARM VOICE/STROBE MINI FIRE ALARM HORN MINI FIRE ALARM HORN/STROBE PROJECTION HORN FIRE ALARM STROBE (80" M.H.) CEILING MOUNT FIRE ALARM STROBE FIRE ALARM BELL (88" M.H.) COMBINATION FIRE/SMOKE DAMPER FIRE ALARM BELL (88" M.H.) COMBINATION FIRE/SMOKE DAMPER FIRE ALARM ANNUNCIATOR PANEL FIRE ALARM CONTROL PANEL FIRE FIGHTER PHONE JACK AREA CONTROL MODULE DOOR SWITCH DUTY STATION (46" M.H.) DOMELESS CONTROLLER CODE BLUE STATION
	(WITH DEVICES INDICATED)         MULTI-SERVICE POLE (WITH DEVICES INDICAT         SPECIAL EQUIPMENT CABINET-AS NOTED         TERMINATION BOARD - AS NOTED         CABLE TRAY         FIRE ALARM MANUAL STATION (46" M.H.)         HEAT DETECTOR (RATE OF RISE)         HEAT DETECTOR (FIXED TEMP. ONLY)         UNITARY TYPE SMOKE DETECTOR         SMOKE DETECTOR         DUCT SMOKE DETECTOR         BEAM DETECTOR RECEIVER         REMOTE TEST STATION         COMB HEAT/SMOKE DETECTOR         FLOW SWITCH         SINGLE PATIENT NURSE CALL STATION         (46" M.H.)         STAFF STATION         (46" M.H.)         STAFF STATION         (46" M.H.)         STAFF EMERGENCY STATION         (46" M.H.)         ALARM/REST STATION         (46" M.H.)         ALARM/REST STATION		TELECOM         INTERCOM         TELEPHONE/VOICE OUTLET (18" M.H.)         WALL PHONE (46" M.H.)         DATA OUTLET (18" M.H.)         DATA OUTLET (18" M.H.)         DATA OUTLET (18" M.H.)         FIRE ALARM         RESSURE SWITCH         REWOTE ANNUNICIATOR         OOR HOLDER         IONITOR MODULE         INTER ALARM CHIME/STROBE         IRE ALARM CHIME/STROBE (80"M.H)         EILING MOUNT FIRE ALARM HORN/STROBE         IRE ALARM VOICE/STROBE (80"M.H)         EILING MOUNT FIRE ALARM HORN/STROBE         IRE ALARM VOICE/STROBE (80"M.H)         EILING MOUNT FIRE ALARM HORN/STROBE         IRE ALARM VOICE/STROBE (80"M.H)         EILING MOUNT FIRE ALARM HORN/STROBE         IRE ALARM VOICE/STROBE (80"M.H)         EILING MOUNT FIRE ALARM HORN/STROBE         IRE ALARM VOICE/STROBE (80"M.H)         CORRIDOR LAMP         CEILING MOUNTED CORRIDOR LAMP         ZONE LAMP         CEILING MOUNTED ZONE LAMP         ANTENNA (AS NOTED)         JUD AND SECURITY         SURVEILLANCE VIDEO CAMERA -         PAN/TILT/ZOOM		INDICATES SEPARATE GROUND WIRE TO BE INSTALLED IN RACEWAY CEILING MOUNT DATA OUTLET COMBINATION VOICE/DATA OUTLET (18" M.H.) TELEVISION OUTLET (18" M.H.) CEILING MOUNT TELEVISION OUTLET CEILING MOUNT FIRE ALARM VOICE/STROBE MINI FIRE ALARM HORN MINI FIRE ALARM HORN FIRE ALARM STROBE (80" M.H.) CEILING MOUNT FIRE ALARM STROBE FIRE ALARM BELL (88" M.H.) COMBINATION FIRE/SMOKE DAMPER FIRE ALARM ANNUNCIATOR PANEL FIRE ALARM CONTROL PANEL FIRE ALARM CONTROL PANEL FIRE FIGHTER PHONE JACK AREA CONTROL MODULE DOOR SWITCH DUTY STATION (46" M.H.) DOMELESS CONTROLLER CODE BLUE STATION
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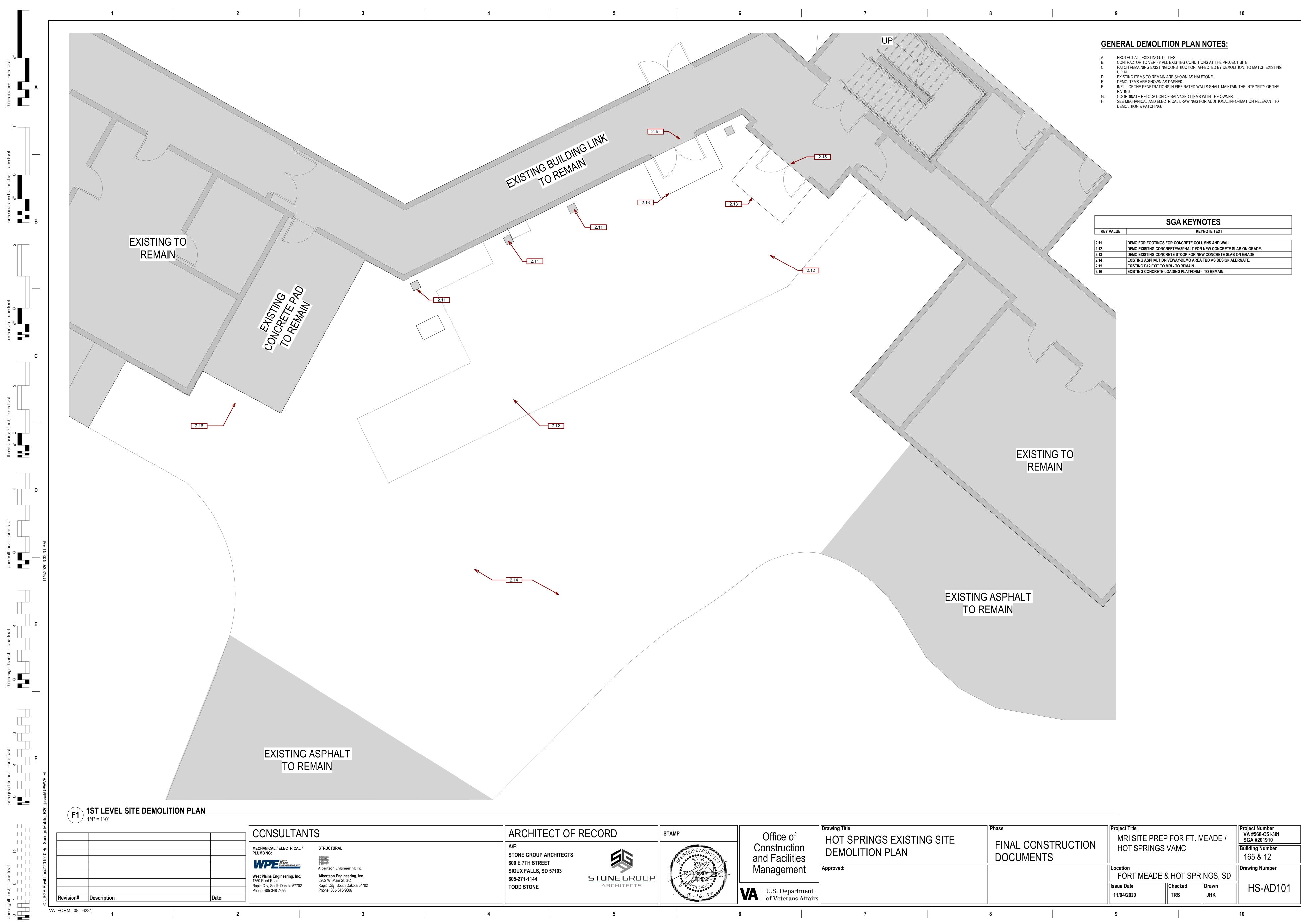
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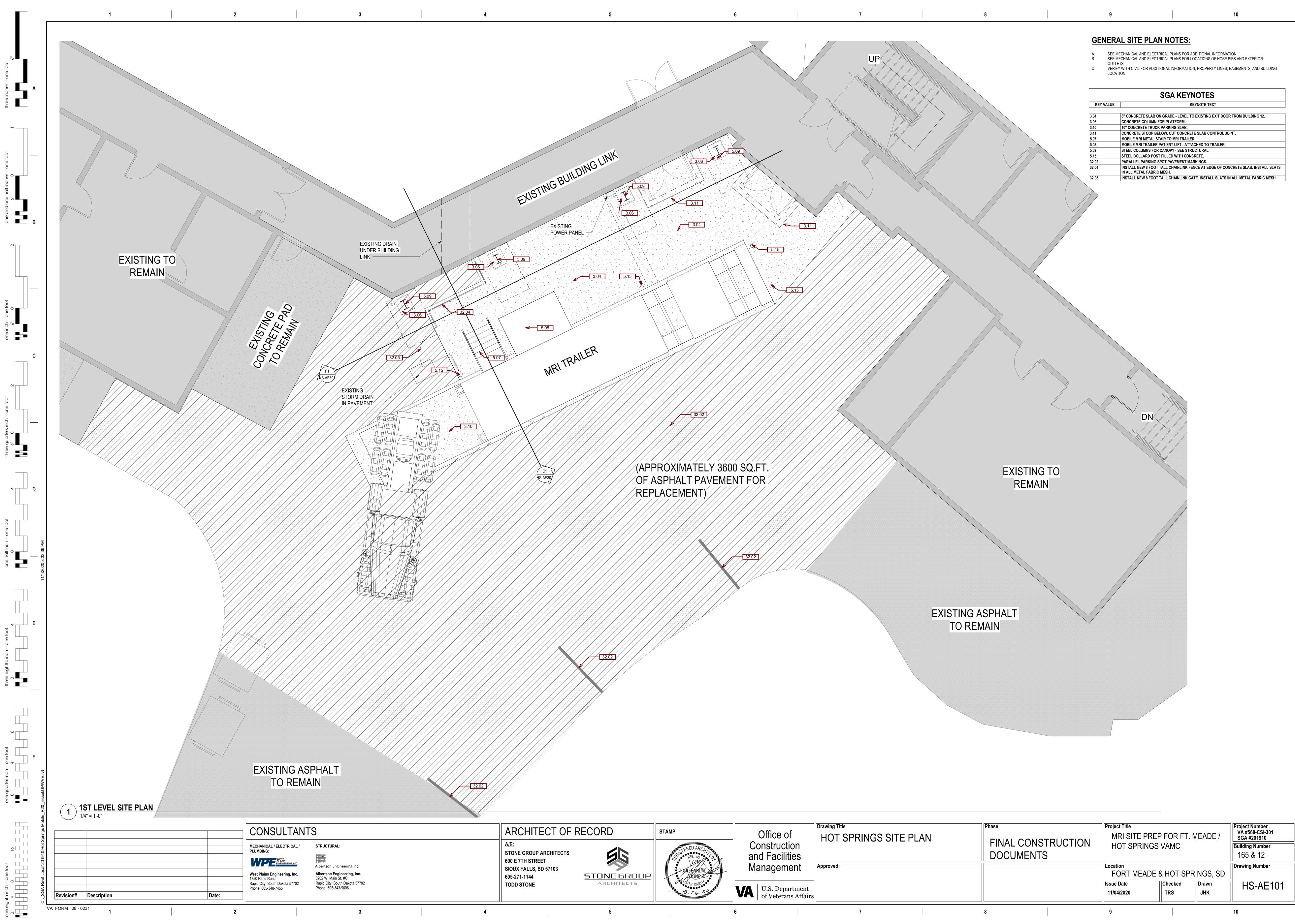


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KEYNOTES
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LEVEL TO EXISTING EXIT DOOR FROM BUILDING 12.	
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Revision#	Description	Date:

## CONSULTANTS

IECHANICAL / ELECTRICAL / LUMBING: Vest Plains Engineering, Inc 750 Rand Road Rapid City, South Dakota 57702 hone: 605-348-7455

## STRUCTURAL

Albertson Engineering Inc. Albertson Engineering, Inc. 3202 W. Main St, #C Rapid City, South Dakota 57702 Phone: 605-343-9606

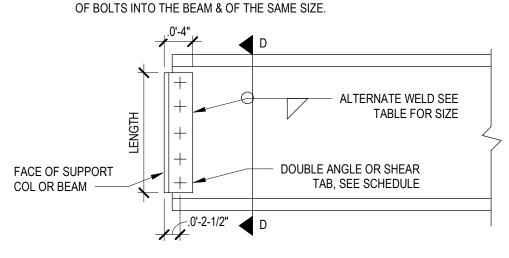
STEEL SHALL CONFORM TO ASTM A992 (FY=50 KSI) FOR ALL
W-SHAPES, AND ASTM A36 (Fy=36 ksi) FOR ALL OTHER
MISCELLANEOUS SHAPES AND PLATES. STRUCTURAL
TUBING SHALL CONFORM TO ASTM A500, GRADE B (Fy=
46ksi). STRUCTURAL PIPE SHALL CONFORM TO ASTM 53,
GRADE B, TYPE "E" OR "S" (Fy=35ksi).
STEEL SHALL CONFORM TO THE LATEST EDITION OF AISC
SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS.
ALL SHOP CONNECTIONS TO BE WELDED (UTILIZING E70XX
ELECTRODES) AND FIELD CONNECTIONS TO BE BOLTED,
UNLESS NOTED OTHERWISE. STEEL TO RECEIVE ONE SHOP
COAT AND ONE FIELD TOUCH UP COAT OF APPROVED
PAINT, EXCEPT WHERE GALVANIZED IS INDICATED ON THE
DRAWINGS.
WELDS FOR ALL EXPOSED STRUCTURAL STEEL SHALL BE
GROUND SMOOTH UNLESS NOTED OTHERWISE.
ALL BOLTED CONNECTIONS SHALL CONSIST OF 3/4" DIA.
(MIN.) F1852 HIGH STRENGTH BOLTS, UNLESS NOTED
OTHERWISE.
ALL BOLTS SHALL BE TWIST OFF BOLTS (ASTM F1852)
FAILURE OF A BOLT OR NUT DURING INSTALLATION
PROCESS RESULTING IN A CRACK IN THE BOLT OR NUT
SHALL BE GROUNDS FOR REJECTIONS OF ALL THE FAILED

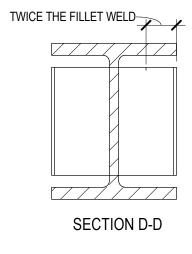
DOCUMENTATION OF THE LOT OF ORIGIN FOR THE FAILED NUT(S) OR BOLT(S) DOES NOT EXIST, OR IS NOT PROVIDED, THEN ALL THE BOLT(S) OR NUT(S) SHALL BE ASSUMED TO COME FROM THE LOT CONTAINING THE FAILED NUT(S) OR CONTRACTOR SHALL MAINTAIN ERECTION TOLERANCES OF STRUCTURAL STEEL AND ARCHITECTURALLY EXPOSED STRUCTURAL STEEL WITHIN AISC'S CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES. ANCHOR BOLT HOLES IN STRUCTURAL STEEL SHALL BE

STEEL ROOF DECK SHALL BE 3" DEEP 18 GAGE GALV. WIDE RIBBED STEEL ROOF DECK (3N18Ga.) AND SHALL CONFORM TO THE PROVISIONS OF THE STEEL DECK INSTITUTE (SDI) SPECIFICATIONS FOR STEEL ROOF DECK. STEEL ROOF DECKS ARE DESIGNED AS HORIZONTAL DIAPHRAGMS AND SHALL BE ATTACHED TO SUPPORTS IN A 24/4 SDI PATTERN WITH #12 TEK SCREWS. PROVIDE #10 TEK

DO	UBLE AN	GLE CO	DNNECT	TION SCHEDULE			SHEAR	ТАВ СС	ONNECTION SCH	IEDULE
BEAM SIZE	NO. OF A325 BOLTS	CONNECTIO	ON ANGLES	ALTERNATE WELD TO BEAM SIZE (SHOP WELD ONLY)		BEAM	HEIGHT	THICKNESS	NO. 3/4" DIA. A325 BOLTS	WELD SIZE TO CO
W12	(3)	5/16"	8-1/2"	5/16" FILLET		W12	8-1/2"	3/8"	(3)	5/16" FILLET
W16	(4)	5/16"	11-1/2"	5/16" FILLET		W16	11-1/2"	3/8"	(4)	5/16" FILLET
W21	(6)	5/16"	17-1/2"	5/16" FILLET		W21	17-1/2"	3/8"	(6)	5/16" FILLET
W24	(7)	5/16"	20-1/2"	5/16" FILLET		W24	20-1/2"	1/2""	(7)	5/16" FILLET
W27	(8)	5/16"	23-1/2"	5/16" FILLET	1	W27	23-1/2"	1/2"	(8)	5/16" FILLET

- USE E70XX ELECTRODES. - BOLTS SHALL BE 3/4" DIA UNLESS NOTED OTHERWISE. -SIZE AND NUMBER OF BOLTS INTO SUPPORTING MEMBER TO BE TWICE THE NUMBER





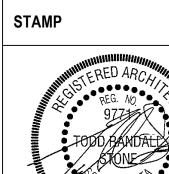
## ARCHITECT OF RECORD

<u>A/E:</u> **STONE GROUP ARCHITECTS** 600 E 7TH STREET SIOUX FALLS, SD 57103 605-271-1144 TODD STONE

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VA U.S. Dep of Vetera

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Project Number VA #568-CSI-301 SGA #201910
Building Number
165 & 12
Drawing Number
HS-AE102

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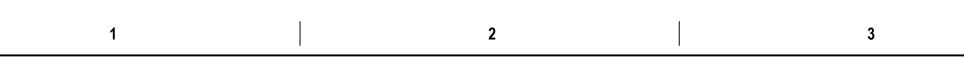
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### IBC 2018 TABLE 1705.3 REQUIRED SPECIAL INSPECTION AND TESTS OF CONCRETE CONSTRUCTION

TYPE	CONTINUOUS SPECIAL INSPECTION	PERIODIC SPECIAL INSPECTION	REFERENCED STANDARD <sup>®</sup>	IBC REFERENCE
1. INSPECTION REINFORCEMENT, INCLUDING PRESTRESSING TENDONS, AND VERIFY PLACEMENT	-	Х	ACI 318 CH 20, 25.2, 25.3, 26.6.1-26.6.3	1908.4
<ol> <li>REINFORCING BAR WELDING:</li> <li>A. VERIFY WELDABILITY OF REINFORCING BARS OTHER THAN ASTM A706</li> </ol>	-	Х	AWS D1.4,	_
B. INSPECT SINGLE-PASS FILLET WELDS, MAXIMUM 5/16".		Х	ACI 318: 26.6.4	
C. INSPECT ALL OTHER WELDS	Х	-		
3. INSPECT ANCHORS CAST IN CONCRETE.	-	Х	ACI 318: 17.8.2	-
4. INSPECT ANCHORS POST-INSTALLED IN HARDENED CONCRETE MEMBERS. <sup>®</sup>				
A. ADHESIVE ANCHORS INSTALLED IN HORIZONTALLY OR UPWARDLLY INCLINED ORIENTATIONS TO RESIST SUSTAINED TENSION LOADS.	х		ACI 318: 17.8.2.4,	-
B. MECHANICAL ANCHORS AND ADHESIVE ANCHORS NOT DEFINED IN 4A.		Х	ACI 318: 17.8.2	
5. VERIFY USE OF REQUIRED DESIGN MIX.	-	Х	ACI 318: CH. 19, 26.4.3, 26.4.4	1904.1, 1904.2, 1908.2, 1908.3
6. PRIOR TO CONCRETE PLACEMENT, FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP AND AIR CONTENT TESTS, AND DETERMINE THE TEMPERATURE OF THE CONCRETE.	х	-	ASTM C172, ASTM C31, ACI 318: 26.5, 26.12	1908.10
7. INSPECT CONCRETE AND SHOTCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES	х	-	ACI 318: 26.5	1908.6, 1908.7, 1908.8
8. VERIFY MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES.	-	Х	ACI 318: 26.5.3-26.5.5	1908.9
<ol> <li>INSPECT OF PRESTRESSED CONCRETE FOR:</li> <li>A. APPLICATION OF PRESTRESSING FORCES.</li> </ol>	х	-	ACI 318: 26.10	-
B. GROUTING OF BONDED PRESTRESSING TENDONS.	Х	-		
10. INSPECT ERECTION OF PRECAST CONCRETE MEMBERS.	-	Х	ACI 318: CH. 26.9	-
11. VERIFY IN-SITU CONCRETE STRENGTH, PRIOR TO STRESSING OF TENDONS IN POST-TENSIONED CONCRETE AND PRIOR TO REMOVAL OF SHORES ANDFORMS FROM BEAMS AND STRUCTURAL SLABS.	-	Х	ACI 318: 26.11.2	-
12. INSPECT FORMWORK FOR SHAPE, LOCATION AND DIMENSIONS OF THE CONCRETE MEMBER BEING FORMED.	-	Х	ACI 318: 26.11.1.2(b)	-

a. WHERE APPLICABLE, SEE SECTION 1705.12, SPECIAL INSPECTIONS FOR SEISMIC RESISTANCE.

b. SPECIFIC REQUIREMENTS FOR SPECIAL INSPECTION SHALL BE INCLUDED IN THE RESEARCH REPORT FOR THE ANCHOR ISSEUD BY AN APPROVED SOURCE IN ACCORDANCE WITH 17.8.2 IN ACI 318, OR OTHER QUALIFICATION PROCEDURES. WHERE SPECIFIC REQUIREMENTS ARE NOT PROVIDED, SPECIAL INSPECTION REQUIREMENTS SHALL BE SPECIFIED BY THE REGISTERED DESIGN PROFESSIONAL AND SHALL BE APPROVED BY THE BUILDING OFFICIAL PRIOR TO THE COMMENCEMENT OF THE WORK.

WELDING OF REINFORCING BARS. SPECIAL INSPECTIONS OF WELDING AND QUALIFICATIONS OF SPECIAL INSPECTORS FOR REINFORCING BARS SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF AWS D1.4 FOR SPECIAL INSPECTION AND AWS D1.4 FOR SPECIAL INSPECTOR QUALIFICATION.

MATERIAL TESTS. IN THE ABSENCE OF SUFFICIENT DATA OR DOCUMENTATION PROVIDING EVIDENCE OF CONFORMANCE TO QUALITY STANDARDS FOR MATERIALS IN CHAPTERS 19 AND 20 OF ACI 318, THE BUILDING OFFICIAL SHALL REQUIRE TESTING OF MATERIALS IN ACCORDANCE WITH THE APPROPRIATE STANDARDS AND CRITERIA FOR THE MATERIAL IN CHAPTERS 19 AND 20 OF ACI 318.

IBC 2018 TABLE 1705.6 REQUIRED VERIFICATION AND INSPECTION OF SOILS						
	FREQUENCY OF	INSPECTION				
VERIFICATION AND INSPECTION TASKS	CONTINUOUS SPECIAL INSPECTION	PERIODIC SPECIAL INSPECTION	REQUIRED ON PROJECT			
1. VERIFY MATERIALS BELOW SHALLOW FOUNDATIONS ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY.	-	Х	YES			
2. VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL.	-	Х	YES			
3. PERFORM CLASSIFICATION AND TESTING OF COMPACTED FILL MATERIALS.	-	Х	YES			
4. VERIFY USE OF PROPER MATERIALS, DENSITIES AND LIFT THICKNESSES DURING PLACEMENT AND COMPACTION OF COMPACTED FILL.	х	-	YES			
PRIOR TO PLACEMENT OF COMPACTED FILL, INSPECT SUBGRADE AND VARIFY THAT SITE HAS BEEN PREPARED PROPERLY.	-	Х	YES			

SPECIAL INSPECTION AND TESTING:

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one eighth inch = one foot 0 4 8 16

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1. SPECIAL INSPECTION AND MINIMUM TESTING SHALL BE PERFORMED IN ACCORDANCE WITH 2018 IBC AND ALL REFERENCED MATERIALS AND TABLES.

2. INSPECTION SHALL BE PROVIDED BY AN INDEPENDENT TESTING AGENCY HIRED AT THE CONTRACTOR'S EXPENSE. AGENCY INSPECTION PERSONNEL SHALL MEET THE INSPECTOR QUALIFICATIONS FOR

EACH MATERIAL ITEM AS INDICATED IN THE SPECIFICATIONS. 3. ANY MATERIAL OR PLACEMENT DEVIATIONS FROM MINIMUMS SHOWN ON THE DRAWINGS OR IN

- SPECIFICATIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER. 4. IN ADDITION TO THE IBC INSPECTION TABLES. THE INSPECTOR SHALL VERIFY THAT ALL STEEL MAINTAIN ERECTION TOLERANCE OF STRUCTURAL STEEL AND ARCHITECTURALLY EXPOSED
- STRUCTURAL STEEL WITHIN AISC'S CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES.
- 5. IN ADDITION TO THE CONCRETE IBC INSPECTION TABLES, THE INSPECTOR SHALL VERIFY THAT ALL CONCRETE MAINTAIN TOLERANCES SPECIFIED IN ACI 117-90 STANDARD SPECIFICATIONS FOR TOLERANCES FOR CONCRETE CONSTRUCTION AND MATERIALS.

6. TESTING - ANY FAILED FIELD TEST SHALL BE REPORTED TO ALBERTSON ENGINEERING INC IMMEDIATELY.

			CONSULTANTS	
			MECHANICAL / ELECTRICAL / PLUMBING:	STRUCTURAL:
			West Plains Engineering, Inc. 1750 Rand Road	Albertson Engineeri Albertson Engineeri 3202 W. Main St, #C
Revision#	Description	Date:	Rapid City, South Dakota 57702 Phone: 605-348-7455	Rapid City, South Da Phone: 605-343-9606

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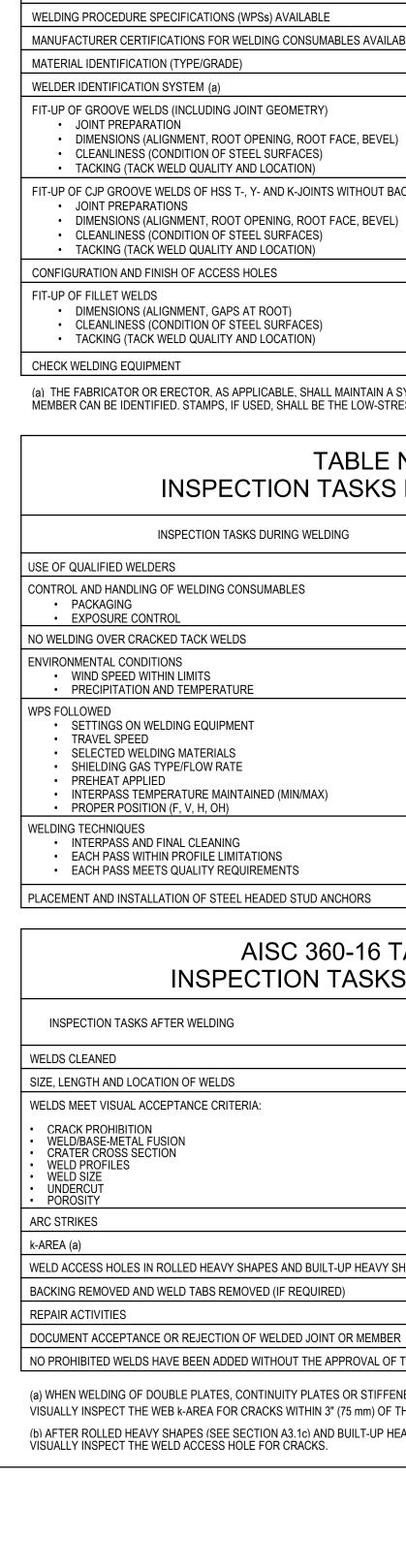
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REQUIRED ON PROJECT	
YES	
NO	
YES	с х
NO	
YES	
YES	
YES	×
YES	
YES	
NO	
NO	
YES	
YES	

STANDARD FOR QUALITY CONTROL ASSURANCE FOR THE INSTALLATION (	•	
TABLE 1.1 INSPECTION OR EXECU PRIOR TO DECK PLACEME		KS
TASK	QC	QA
VERIFY COMPLIANCE OF MATERIALS (DECK AND ALL DECK ACCESSORIES) WITH CONSTRUCTION DOCUMENTS, INCLUDING PROFILES, MATERIAL PROPERTIES, AND BASE METAL THICKNESS	PERFORM	PERFORM
DOCUMENT ACCEPTANCE OR REJECTION OF DECK AND DECK ACESSORIES	PERFORM	PERFORM
TABLE 1.2 INSPECTION OR EXECU AFTER DECK PLACEMEN		KS
TASK	QC	QA
VERIFY COMPLIANCE OF DECK AND ALL DECK ACCESSORIES INSTALLATION WITH CONSTRUCTION DOCUMENTS	PERFORM	PERFORM
VERIFY DECK MATERIALS ARE REPRESENTED BY THE MILL CERTIFICATIONS THAT COMPLY WITH THE CONSTRUCTION DOCUMENTS	N/A	PERFORM
DOCUMENT ACCEPTANCE OR REJECTION OF INSTALLATION OF DECK AND DECK ACCESSORIES	PERFORM	PERFORM
TABLE 1.3 INSPECTION OR EXECU PRIOR TO WELDING	TION TAS	KS
TASK	QC	QA
WELDING PROCEDURE SPECIFICATIONS (WPS) AVAILABLE	OBSERVE	OBSERVE
MANUFACTURER CERTIFICATIONS FOR WELDING CONSUMABLES AVAILABLE MATERIAL IDENTIFICATION (TYPE/GRADE)	OBSERVE OBSERVE	OBSERVE
CHECK WELDING EQUIPMENT	OBSERVE	OBSERVE
TABLE 1.4 INSPECTION OR EXECU DURING WELDING	TION TAS	KS
TASK	QC	QA
USE OF QUALIFIED WELDERS	OBSERVE	OBSERVE
CONTROL AND HANDLING OF WELDING CONSUMABLES ENVIRONMENTAL CONDITIONS (WIND SPEED, MOISTURE, TEMPERATURE)	OBSERVE	OBSERVE
WPS FOLLOWED	OBSERVE	OBSERVE
TABLE 1.5 INSPECTION OR EXECU AFTER WELDING	1	KS
AFTER WELDING	QC	
AFTER WELDING         TASK         VERIFY SIZE & LOCATION OF WELDS, INCLUDING SUPPORT, SIDELAP, & PERIMETER WELDS	1	KS PERFORM PERFORM
AFTER WELDING         TASK         VERIFY SIZE & LOCATION OF WELDS, INCLUDING SUPPORT, SIDELAP, & PERIMETER WELDS         WELDS MEET VISUAL ACCEPTANCE CRITERIA	QC PERFORM	PERFORM
AFTER WELDING	QC PERFORM PERFORM	PERFORM PERFORM
AFTER WELDING         TASK         VERIFY SIZE & LOCATION OF WELDS, INCLUDING SUPPORT, SIDELAP, & PERIMETER WELDS         WELDS MEET VISUAL ACCEPTANCE CRITERIA         VERIFY REPAIR ACTIVITIES	QC PERFORM PERFORM PERFORM PERFORM	PERFORM PERFORM PERFORM PERFORM
AFTER WELDING         TASK         VERIFY SIZE & LOCATION OF WELDS, INCLUDING SUPPORT, SIDELAP, & PERIMETER WELDS         WELDS MEET VISUAL ACCEPTANCE CRITERIA         VERIFY REPAIR ACTIVITIES         DOCUMENT ACCEPTANCE OR REJECTION OF WELDS         TABLE 1.6 INSPECTION OR EXE	QC PERFORM PERFORM PERFORM PERFORM	PERFORM PERFORM PERFORM PERFORM
AFTER WELDING         TASK         VERIFY SIZE & LOCATION OF WELDS, INCLUDING SUPPORT, SIDELAP, & PERIMETER WELDS         WELDS MEET VISUAL ACCEPTANCE CRITERIA         VERIFY REPAIR ACTIVITIES         DOCUMENT ACCEPTANCE OR REJECTION OF WELDS         TABLE 1.6 INSPECTION OR EXE TASK         TABLE 1.6 INSPECTION OR EXE TASK         MANUFACTURER INSTALLATION INSTRUCTIONS AVAILABLE FOR MECHANICAL FASTENERS	QC PERFORM PERFORM PERFORM PERFORM CUTION ASTENINC	PERFORM PERFORM PERFORM PERFORM
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• QUALITY CONTROL (QC) SHALL BE PROVIDED BY THE INSTALLER • QUALITY ASSURANCE (QA) SHALL BE PROVIDED BY THE CERTIFIED TESTING AGENCY





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		STEEL CONS	STRUCTION	
TABLE N5.4-1 INSPECTION TASKS PRIOR	TO WELDIN	G	AISC 360-16 TABLE N INSPECTION TASKS PRIOR T	
INSPECTION TASKS PRIOR TO WELDING	INSPECTION INTERVAL	REQUIRED ON PROJECT		INSPEC <sup>®</sup>
WELDER QUALIFICATION RECORDS AND CONTINUITY RECORDS	P	YES	- INSPECTION TASKS PRIOR TO BOLTING	INTER
WELDING PROCEDURE SPECIFICATIONS (WPSs) AVAILABLE	Р	YES	MANUFACTURER'S CERTIFICATIONS AVAILABLE FOR FASTENER MATERIALS	0
MANUFACTURER CERTIFICATIONS FOR WELDING CONSUMABLES AVAILABLE	Р	YES	FASTENERS MARKED IN ACCORDANCE WITH ASTM REQUIREMENTS	0
MATERIAL IDENTIFICATION (TYPE/GRADE)	0	YES	CORRECT FASTENERS SELECTED FOR THE JOINT DETAIL (GRADE, TYPE, BOLT LENGTH IF THREADS ARE TO EXCLUDED FROM SHEAR PLANE)	0
WELDER IDENTIFICATION SYSTEM (a)	0	YES	CORRECT BOLTING PROCEDURE SELECTED FOR JOINT DETAIL	0
FIT-UP OF GROOVE WELDS (INCLUDING JOINT GEOMETRY)			CONNECTING ELEMENTS, INCLUDING THE APPROPRIATE FAYING SURFACE CONDITION	
<ul> <li>JOINT PREPARATION</li> <li>DIMENSIONS (ALIGNMENT, ROOT OPENING, ROOT FACE, BEVEL)</li> <li>CLEANLINESS (CONDITION OF STEEL SURFACES)</li> </ul>	0	YES	AND HOLE PREPARATION, IF SPECIFIED, MEET APPLICABLE REQUIREMENTS PRE-INSTALLATION VERIFICATION TESTING BY INSTALLATION PERSONNEL OBSERVED	0 P
TACKING (TACK WELD QUALITY AND LOCATION)			AND DOCUMENTED FOR FASTENER ASSEMBLIES AND METHODS USED PRTECTED STORAGE PROVIDED FOR BOLTS, NUTS, WASHERS AND OTHER	•
<ul> <li>FIT-UP OF CJP GROOVE WELDS OF HSS T-, Y- AND K-JOINTS WITHOUT BACKING</li> <li>JOINT PREPARATIONS</li> <li>DIMENSIONS (ALIGNMENT, ROOT OPENING, ROOT FACE, BEVEL)</li> <li>CLEANLINESS (CONDITION OF STEEL SURFACES)</li> <li>TACKING (TACK WELD QUALITY AND LOCATION)</li> </ul>	Р	YES	FASTENER COMPONENTS	
CONFIGURATION AND FINISH OF ACCESS HOLES	0	YES	AISC 360-16 TABLE NSPECTION TASKS DURING	
<ul> <li>FIT-UP OF FILLET WELDS</li> <li>DIMENSIONS (ALIGNMENT, GAPS AT ROOT)</li> <li>CLEANLINESS (CONDITION OF STEEL SURFACES)</li> <li>TACKING (TACK WELD QUALITY AND LOCATION)</li> </ul>	0	YES	INSPECTION TASKS DURING BOLTING	INSPEC
CHECK WELDING EQUIPMENT	0	-	FASTENER ASSEMBLIES PLACED IN ALL HOLES AND WASHERS AND NUTS ARE POSITIONED AS REQUIRED	0
(a) THE FABRICATOR OR ERECTOR, AS APPLICABLE, SHALL MAINTAIN A SYSTEM BY WH MEMBER CAN BE IDENTIFIED. STAMPS, IF USED, SHALL BE THE LOW-STRESS TYPE.	ICH A WELDER WHO HAS WE	LDED A JOINT OR	JOINT BROUGHT TO THE SNUG-TIGHT CONDITION PRIOR TO THE PRETENSIONING OPERATION	0
TABLE N5.4-2 INSPECTION TASKS DURING WELDING			FASTENER COMPONENT NOT TURNED BY THE WRENCH PREVENTED FROM ROTATING	0
			FASTENERS ARE PRETENSIONED IN ACCORDANCE WITH THE RCSC SPECIFICATION, PROGRESSING SYSTEMATICALLY FROM THE MOST RIGID POINT TOWARD THE FREE EDGES	0
INSPECTION TASKS DURING WELDING	INSPECTION INTERVAL	REQUIRED ON PROJECT	AISC 360-16 TABLE N5.6-3 INSPECT	
USE OF QUALIFIED WELDERS	0	YES	BOLTING	
CONTROL AND HANDLING OF WELDING CONSUMABLES <ul> <li>PACKAGING</li> <li>EXPOSURE CONTROL</li> </ul>	0	YES	INSPECTION TASKS AFTER BOLTING	INSPEC
NO WELDING OVER CRACKED TACK WELDS	0	YES		INTER
ENVIRONMENTAL CONDITIONS <ul> <li>WIND SPEED WITHIN LIMITS</li> <li>PRECIPITATION AND TEMPERATURE</li> </ul>	0	YES	O-OBSERVE THESE ITEMS ON A RANDOM BASIS. OPERATIONS NEED NOT BE DELAYED P	
WPS FOLLOWED • SETTINGS ON WELDING EQUIPMENT • TRAVEL SPEED • SELECTED WELDING MATERIALS • SHIELDING GAS TYPE/FLOW RATE • PREHEAT APPLIED • INTERPASS TEMPERATURE MAINTAINED (MIN/MAX)	0	YES	<ul> <li>FOR EACH WELDED JOINT OR MEMBER.</li> <li>OBSERVATION OF WELDING OPERATIONS AND VISUAL INSPECTION OF IN-PROCESS AND CONFIRM THAT THE MATERIALS, PROCEDURES AND WORKMANSHIP ARE IN CONFORMAN</li> <li>FOR STRUCTURES IN RISK CATEGORY III/IV (ASCE/SEI 7. TABLE 1.5-1). ULTRASONIC TEST COMPLETE-JOINT-PENETRATION GROOVE WELDS SUBJECT TO TRANSVERSELY APPLIED MATERIALS 5/16" (8 MM) THICK OR GREATER.</li> <li>FOR STRUCTURES IN RISK CATEGORY II (ASCE/SEI 7. TABLE 1.5-1). ULTRASONIC TESTING COMPLETE-JOINT-PENETRATION GROOVE WELDS SUBJECT TO TRANSVERSELY APPLIED MATERIALS 5/16" (8 MM) THICK OR GREATER.</li> </ul>	NCE WITH THE TING SHALL BE D TENSION LOA
PROPER POSITION (F, V, H, OH)  WELDING TECHNIQUES     INTERPASS AND FINAL CLEANING     EACH PASS WITHIN PROFILE LIMITATIONS     EACH PASS MEETS QUALITY REQUIREMENTS	0	YES	<ul> <li>MATERIALS 5/16" (8 MM) THICK OR GREATER.</li> <li>ALL NONDESTRUCTIVE TESTING OF WELDED JOINTS SHALL BE DOCUMENTED.</li> <li>SEE AISC360-16 CHAPTER N FOR ADDITIONAL WELD INSPECTION REQUIREMENTS.</li> <li>SEE AISC360-16 CHAPTER N FOR ADDITIONAL BOLT INSPECTION REQUIREMENTS.</li> <li>EXPOSED CUT SURFACES OF GALVANIZED STRUCTURAL STEEL MAIN MEMBERS AND EX</li> </ul>	(POSED CORN
PLACEMENT AND INSTALLATION OF STEEL HEADED STUD ANCHORS	Р	YES	<ul> <li>VISUALLY INSPECTED FOR CRACKS SUBSEQUENT TO GALVANIZING.</li> <li>INSPECTION SHALL OCCUR DURING THE PLACEMENT OF ANCHOR RODS AND OTHER EM COMPLIANCE WITH THE CONSTRUCTION DOCUMENTS. INCLUDING DIAMETER, GRADE, TY</li> </ul>	IBEDMENTS SU YPE AND LENG
AISC 360-16 TABLE INSPECTION TASKS AFTE		REQUIRED ON	ITEM, AND THE EXTENT OR DEPTH OF EMBEDMENT INTO THE CONCRETE. • FABRICATED STEEL AND ERECTED STEEL FRAMES. AS APPROPRIATE. SHALL BE INSPEC CONSTRUCTION DOCUMENTS, INCLUDING BRACES, STIFFENERS, MEMBER LOCATIONS A	CTED FOR CON AND PROPER J
INSPECTION TASKS AFTER WELDING	INTERVAL	PROJECT	O-OBSERVE THESE ITEMS ON A RANDOM BASIS. OPERATIONS NEED NOT BE DELAYED	PENDING THE
WELDS CLEANED	0	YES	P-PERFORM THESE TASKS FOR EACH WELDED JOINT OR MEMBER.	
SIZE, LENGTH AND LOCATION OF WELDS	P	YES	<ul> <li>OBSERVATION OF WELDING OPERATIONS AND VISUAL INSPECTION OF IN-PROCESS AN</li> <li>THE PRIMARY METHOD TO CONFIRM THAT THE MATERIALS, PROCEDURES AND WORKM</li> </ul>	
<ul> <li>WELDS MEET VISUAL ACCEPTANCE CRITERIA:</li> <li>CRACK PROHIBITION</li> <li>WELD/BASE-METAL FUSION</li> <li>CRATER CROSS SECTION</li> </ul>	P	YES	<ul> <li>WITH THE CONSTRUCTION DOCUMENTS.</li> <li>FOR STRUCTURAL STEEL, ALL PROVISIONS OF AWS D1.1/D1.1M SHALL APPLY.</li> <li>FOR STRUCTURES IN RISK CATEGORY III/IV (ASCE/SEI 7, TABLE 1.5-1), ULTRASONIC TES ALL COMPLETE-JOINT-PENETRATION GROOVE WELDS SUBJECT TO TRANSVERSELY APPLICATION CONTINUES AND ADDRESS AND ADD</li></ul>	

YES

YES

YES

BUTT, T- AND CORNER JOINTS, IN MATERIALS 5/16" (8 mm) THICK OR GREATER.

BUTT, T- AND CORNER JOINTS, IN MATERIALS 5/16" (8 mm) THICK OR GREATER.

ALL NONDESTRUCTIVE TESTING OF WELDED JOINTS SHALL BE DOCUMENTED.

SEE AISC360-10 CHAPTER N FOR ADDITIONAL WELD INSPECTION REQUIREMENTS.

SEE AISC360-10 CHAPTER N FOR ADDITIONAL BOLT INSPECTION REQUIREMENTS.

SIZE OR LOCATION.

CONCRETE.

PROPER JOINT DETAIL APPLICATION.

YES Р YES Р WELD ACCESS HOLES IN ROLLED HEAVY SHAPES AND BUILT-UP HEAVY SHAPES(b) YES Р BACKING REMOVED AND WELD TABS REMOVED (IF REQUIRED) Р YES YES 0

0

0

NO PROHIBITED WELDS HAVE BEEN ADDED WITHOUT THE APPROVAL OF THE EOR

(a) WHEN WELDING OF DOUBLE PLATES, CONTINUITY PLATES OR STIFFENERS HAS BEEN PERFORMED IN THE k-AREA,

VISUALLY INSPECT THE WEB k-AREA FOR CRACKS WITHIN 3" (75 mm) OF THE WELD. (b) AFTER ROLLED HEAVY SHAPES (SEE SECTION A3.1c) AND BUILT-UP HEAVY SHAPES (SEE SECTION A3.1d) ARE WELDED,

Project Title Drawing Title Phase Office of MRI SITE PREP FOR **HOT SPRINGS - STRUCTURAL** FINAL CONSTRUCTION Construction HOT SPRINGS VAMC TABLES DOCUMENTS and Facilities Management Approved: Location FORT MEADE & HOT Issue Date Checke VA U.S. Department of Veterans Affairs 11/04/2020 TRS

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## BOLTING

ECTION RVAL	REQUIRED ON PROJECT
0	YES
Р	YES
0	YES

## OLTING

ECTION ERVAL	REQUIRED ON PROJECT			
0	YES			

## I TASKS AFTER

ECTION RVAL	REQUIRED ON PROJECT

THESE INSPECTIONS. P-PERFORM THESE TASKS PLETED WELDS SHALL BE THE PRIMARY METHOD TO THE CONSTRUCTION DOCUMENTS. HALL BE PERFORMED ON ALL ION LOADING IN BUTT, T- AND CORNER JOINTS, IN L BE PERFORMED ON 10% OF ION LOADING IN BUTT, T- AND CORNER JOINTS, IN

YES

### CORNERS OF RECTANGULAR HSS SHALL BE NTS SUPPORTING STRUCTURAL STEEL FOR D LENGTH OF THE ANCHOR ROD OR EMBEDDED R COMPLIANCE WITH THE DETAILS SHOWN ON THE OPER JOINT DETAIL APPLICATION.

G THESE INSPECTIONS.

PLETED WELDS SHALL BE PARE IN CONFORMANCE

HALL BE PERFORMED ON ALL COMPLETE-JOINT-PENETRATION GROOVE WELDS SUBJECT TO TRANSVERSELY APPLIED TENSION LOADING IN

FOR STRUCTURES IN RISK CATEGORY I/II (ASCE/SEI 7, TABLE 1.5-1), ULTRASONIC TESTING SHALL BE PERFORMED ON 10% OF COMPLETE-JOINT-PENETRATION GROOVE WELDS SUBJECT TO TRANSVERSELY APPLIED TENSION LOADING IN

THERMALLY CUT SURFACES OF ACCESS HOLES SHALL BE TESTED USING MAGNETIC PARTICLE TESTING OR PENETRANT TESTING WHEN THE FLANGE THICKNESS EXCEEDS 2" (50 mm) FOR ROLLED SHAPES, OR WHEN THE WEB THICKNESS EXCEEDS 2" (50mm) FOR BUILT-UP SHAPES. ANY CRACK SHALL BE DEEMED UNACCEPTABLE REGARDLESS OF

### INSPECTION SHALL OCCUR DURING THE PLACEMENT OF ANCHOR RODS AND OTHER EMBEDMENTS SUPPORTING STRUCTURAL STEEL FOR COMPLIANCE WITH THE CONSTRUCTION DOCUMENTS, INCLUDING DIAMETER, GRADE, TYPE AND LENGTH OF THE ANCHOR ROD OR EMBEDDED ITEM, AND THE EXTENT OR DEPTH OF EMBEDMENT INTO THE

FABRICATED STEEL AND ERECTED STEEL FRAMES, AS APPROPRIATE, SHALL BE INSPECTED FOR COMPLIANCE WITH THE DETAILS SHOWN ON THE CONSTRUCTION DOCUMENTS, INCLUDING BRACES, STIFFENERS, MEMBER LOCATIONS AND

FT. MEADE /		Project Number VA #568-CSI-301
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Issue Date	Checked
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## **GENERAL SITE PLAN NOTES:**

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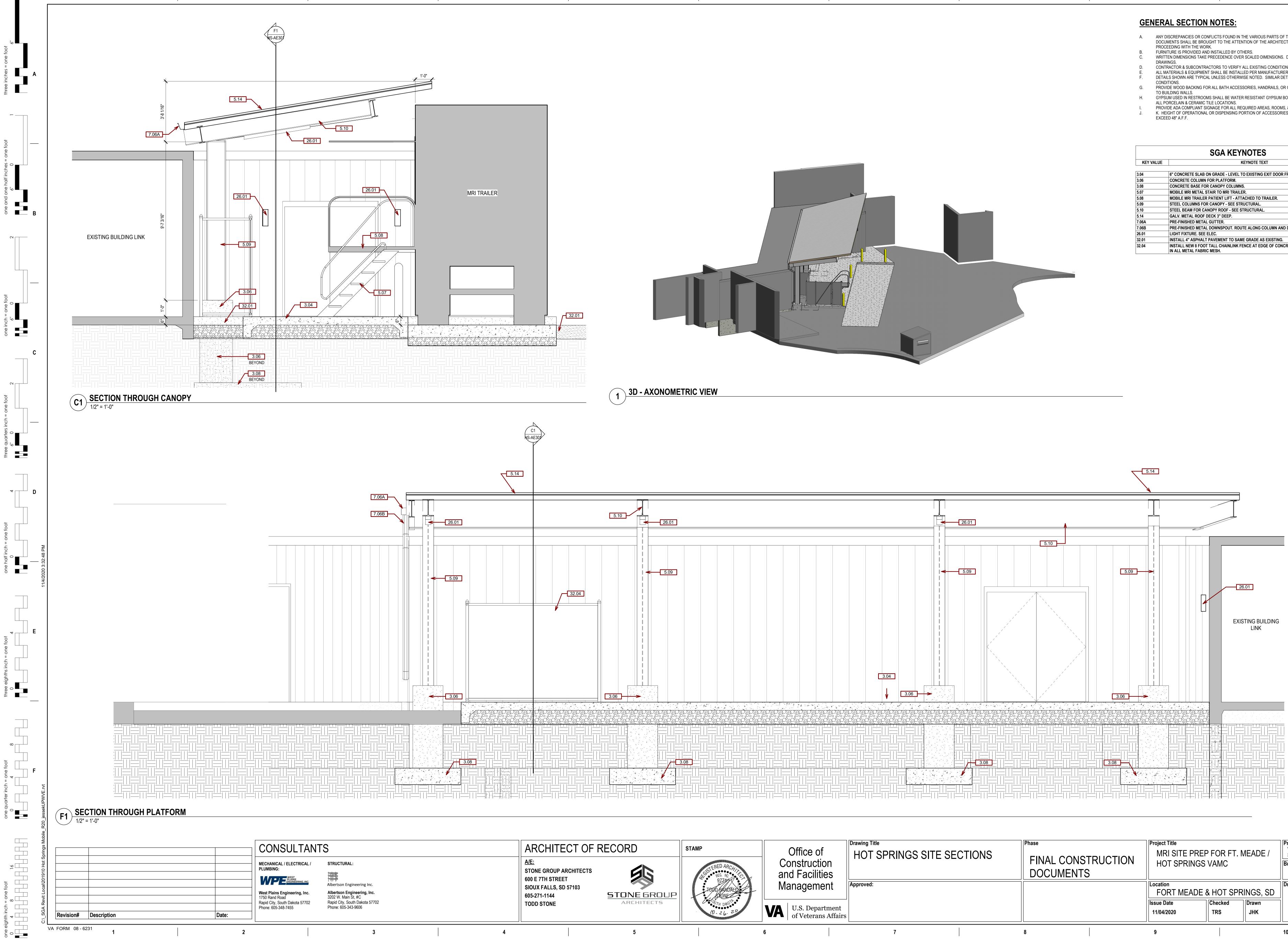
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SEE MECHANICAL AND ELECTRICAL PLANS FOR ADDITIONAL INFORMATION. SEE MECHANICAL AND ELECTRICAL PLANS FOR LOCATIONS OF HOSE BIBS AND EXTERIOR OUTLETS. VERIFY WITH CIVIL FOR ADDITIONAL INFORMATION, PROPERTY LINES, EASEMENTS, AND BUILDING LOCATION.

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Project Number VA #568-CSI-301 SGA #201910 MRI SITE PREP FOR FT. MEADE / Building Number 165 & 12 Drawing Number T SPRINGS, SD Drawn HS-AE104 JHK



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	<u>A/E:</u> STONE GROUP ARCHITECTS 600 E 7TH STREET SIOUX FALLS, SD 57103 605-271-1144	STONE GROUP	HODD PANDALLS	Construc and Facil Managen
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GENERAL SECTION NOTES:		
<ul> <li>A. ANY DISCREPANCIES OR CONFLICTS FOUND DOCUMENTS SHALL BE BROUGHT TO THE AT PROCEEDING WITH THE WORK.</li> <li>B. FURNITURE IS PROVIDED AND INSTALLED BY C. WRITTEN DIMENSIONS TAKE PRECEDENCE O DRAWINGS.</li> <li>D. CONTRACTOR &amp; SUBCONTRACTORS TO VER E. ALL MATERIALS &amp; EQUIPMENT SHALL BE INS F. DETAILS SHOWN ARE TYPICAL UNLESS OTHE CONDITIONS.</li> <li>G. PROVIDE WOOD BACKING FOR ALL BATH ACT TO BUILDING WALLS.</li> <li>H. GYPSUM USED IN RESTROOMS SHALL BE W/ ALL PORCELAIN &amp; CERAMIC TILE LOCATIONS</li> <li>I. PROVIDE ADA COMPLIANT SIGNAGE FOR ALL J. K. HEIGHT OF OPERATIONAL OR DISPENSING EXCEED 48" A.F.F.</li> </ul>		
SGA KE		
KEY VALUE		
3.046" CONCRETE SLAB ON GRADE - LEVE3.06CONCRETE COLUMN FOR PLATFORM.3.08CONCRETE BASE FOR CANOPY COLU		
5.07 MOBILE MRI METAL STAIR TO MRI TRA		
5.08 MOBILE MRI TRAILER PATIENT LIFT - 2 5.09 STEEL COLUMNS FOR CANOPY - SEE		
5.09STEEL COLUMNS FOR CANOPY - SEE5.10STEEL BEAM FOR CANOPY ROOF - SEE		
5.14 GALV. METAL ROOF DECK 3" DEEP.		
7.06A PRE-FINISHED METAL GUTTER.		
7.06B PRE-FINISHED METAL DOWNSPOUT. F		
7.06B PRE-FINISHED METAL DOWNSPOUT. F		

e of iction cilities	Drawing Title HOT SPRINGS SITE SECTIONS		Phase FINAL CONSTRUCTION DOCUMENTS		Project Title MRI SITE PREP FOR F HOT SPRINGS VAMC	
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UND IN THE VARIOUS PARTS OF THE CONSTRUCTION E ATTENTION OF THE ARCHITECT AND THE OWNER BEFORE ) BY OTHERS. CE OVER SCALED DIMENSIONS. DO NOT SCALE THE

/ERIFY ALL EXISTING CONDITIONS AT THE PROJECT SITE. INSTALLED PER MANUFACTURERS INSTRUCTIONS. THERWISE NOTED. SIMILAR DETAILS APPLY IN SIMILAR ACCESSORIES, HANDRAILS, OR OTHER ITEMS ATTACHED WATER RESISTANT GYPSUM BOARD. USE DURAROCK @ NS ALL REQUIRED AREAS, ROOMS, & ACCESSIBLE PATHS. SING PORTION OF ACCESSORIES & FIXTURES NOT TO

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### **KEYNOTES** KEYNOTE TEXT

EVEL TO EXISTING EXIT DOOR FROM BUILDING 12.

TRAILER. **I - ATTACHED TO TRAILER.** SEE STRUCTURAL.

- SEE STRUCTURAL.

IT. ROUTE ALONG COLUMN AND DISCHARGE TO THE WEST. O SAME GRADE AS EXISTING.

ILINK FENCE AT EDGE OF CONCRETE SLAB. INSTALL SLATS

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EXISTING BUILDING LINK

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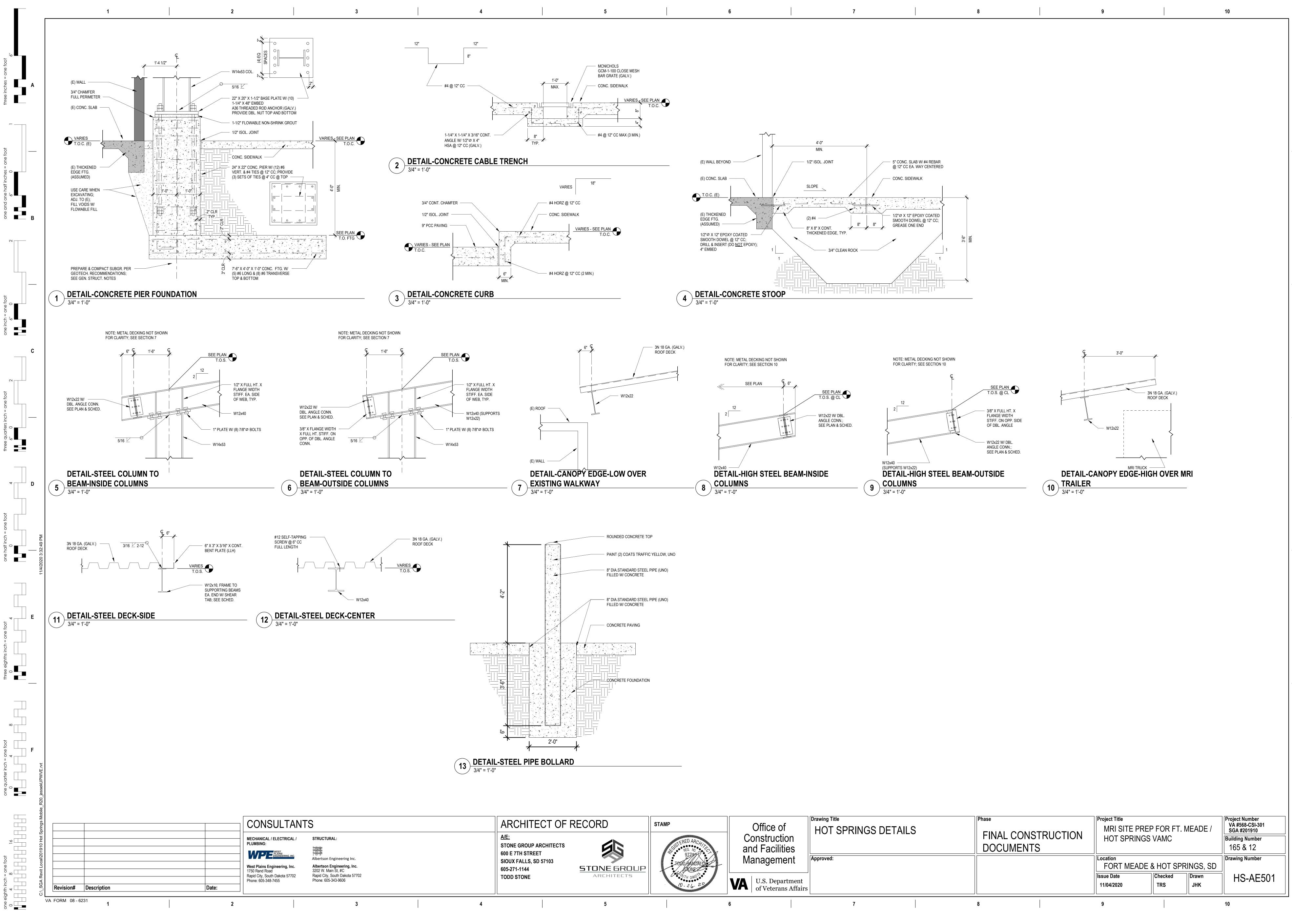
Project Number VA #568-CSI-301 SGA #201910

Building Number

165 & 12

Drawing Number

HS-AE301

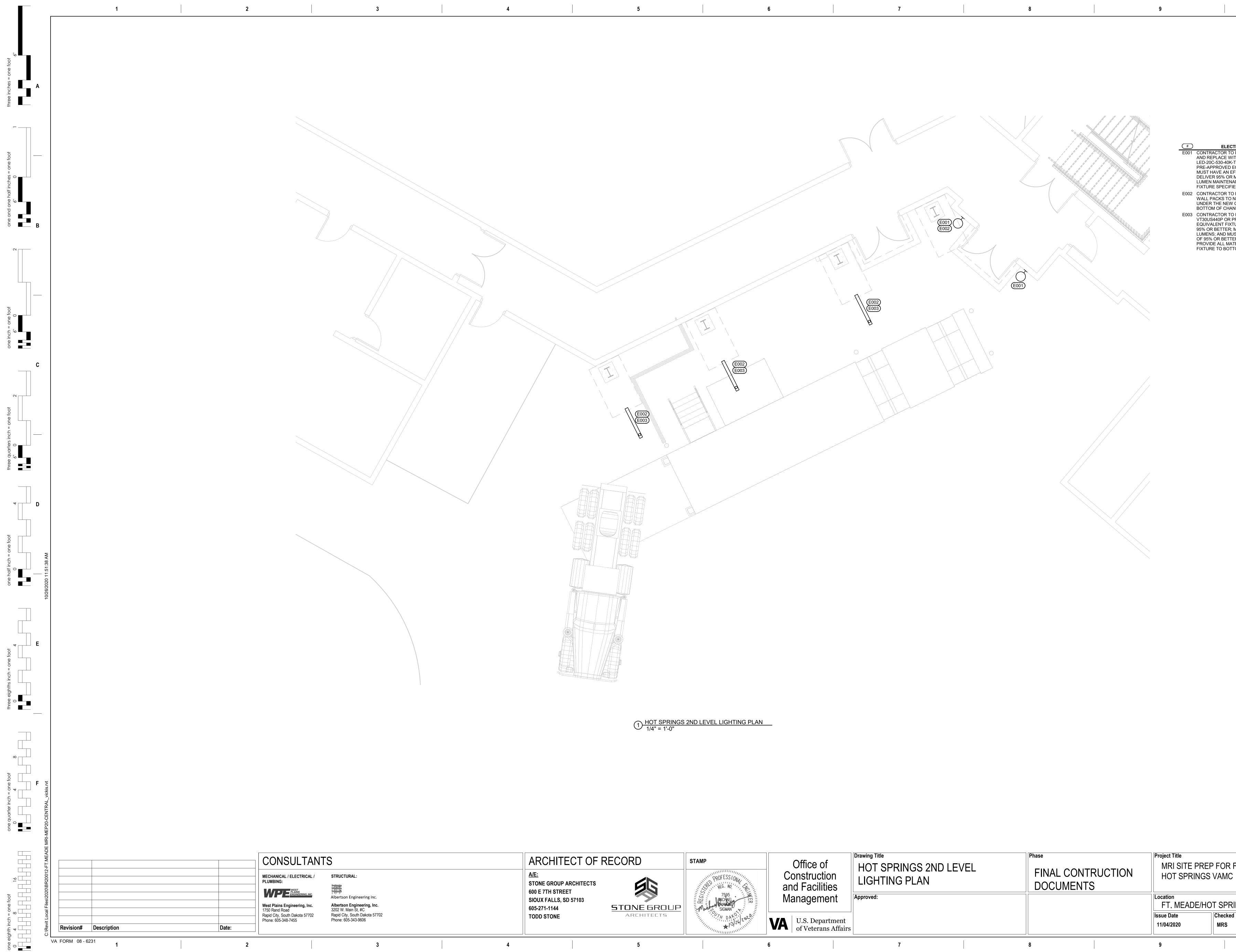


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J.S. Department of Veterans Affairs			Issue Date Checked 11/04/2020 MRS
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CTRICAL SPECIFIC NOTES         TO DEMO TWO EXISTING WALL PACKS         WiTH LITHONIA MODEL DSXW1         W-T4M-MVOLT-BBW-SPD-DDBXD OR         D EQUAL. EQUIVALENT FIXTURE         IFFICACY OF 95% OR BETTER; MUST         OR MORE LUMENS; AND MUST HAVE A         WANCE OF 95% OR BETTER THAN THE         IFFICACY         O EXTEND POWER FROM EXISTING         O NEW FIXTURES TO BE INSTALLED         W CANOPY. KEEP CONDUIT TIGHT TO         WANNEL OF ROOF.         TO PROVIDE LITETRONICS MODEL         R PE-APPROVED EQUAL.         XTURE MUST HAVE AN EFFICACY OF         R; MUST DELIVER 95% OR MORE         MUST HAVE A LUMEN MAINTENANCE         TER THAN THE FIXTURE SPECIFIED.         MATERIALS NECESSARY TO INSTALL         DTOM OF STRUCTURAL BEAM.	
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