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				GENERAL	NOTES FOR C	CONTRACTO	DRS	
A		1.	ALL WORK SHALL BE COMPLETE WITH ALL RELATED VA DIRECTIV SPECIFIC TO THE DOCUMENTED	D IN ACCORDANCE WITH ALL P ES, DESIGN GUIDES AND MANU SCOPE OF WORK ON THIS SITE	UBLISHED APPLICABLE LOCAL / ST JALS, SPECIFICATIONS AND STANE E.	ATE / FEDERAL / NATIONAL NARDS PLUS ALL VA REQUIF	CODES, ORDINANC REMENTS (FEDERAL	ES AND REGULATIONS ALONG AND LOCAL) THAT ARE PROJECT
Α		2.	EACH CONTRACTOR SHALL HAV DOCUMENTATION. CONTACT TH REQUIREMENTS FOR PROJECT I	E PUBLIC LIABILITY, PROPERTY E VA/CO DURING THE BIDDING NSURANCE COVERAGE. ALL QU	DAMAGE AND WORKMAN'S COMP PHASE WITH ANY QUESTIONS, VEI JESTIONS MUST BE MADE IN WRIT	ENSATION INSURANCE AS F RIFICATIONS, AND DOCUME NG.	REQUIRED BY THE V INTATION NECESSA	A IN THE BIDDING RY CONCERNING ALL
		3.	BEFORE SUBMITTING A BID, ALL REQUIREMENTS. EACH BIDDER CONTRACT, SUCH AS OBSTACLE PERFORMANCE OF THE WORK.	CONTRACTORS WILL CAREFUL IS HIGHLY ENCOURAGED TO VI IS WHICH MAY BE ENCOUNTER	LY EXAMINE THE DRAWINGS AND SIT THE SITE OF THE WORK TO BE ED AND ALL OTHER CONDITIONS F	SPECIFICATIONS SO AS TO COME ACQUAINTED WITH A ELATIVE TO WHAT COULD A	BE THOROUGHLY F. ALL VISIBLE FIELD CA AFFECT/IMPACT THE	AMILIAR WITH ALL THE CONTRACT ONDITIONS AFFECTING THE E WORK OR BE AFFECTED BY THE
		4.	IF AWARDED THE CONTRACT, TH THE BIDDER COULD HAVE REAS IN THE PLANS AND/OR SPECIFIC.	IE CONTRACTORS SHALL NOT E ONABLY ANTICIPATED PRIOR T ATIONS, THE CONTRACTOR SH	BE ALLOWED ANY EXTRA COMPEN O BIDDING. SHOULD ANY DISCREP ALL NOTIFY THE VA/CO PRIOR TO S	SATION BY REASON OF ANY ANCIES, ERRORS, CONFLIC SUBMITTING A BID AND THE	Y UNFORESEEN DIFI T OR ITEMS NEEDIN VA/COR BEFORE S	FICULTIES OR OBSTACLES WHICH IG CLARIFICATION BE DISCOVERED FARTING ANY OF THE WORK.
		5.	CONTRACTORS SHALL REFEREN THE GENERAL/PRIME CONTRAC OCCURS IN OTHER SECTIONS O	ICE ALL DRAWINGS IN ALL SEC TOR. SUBCONTRACTORS AND THE DRAWINGS AND THE CON	TIONS OF WORK FOR FULLY DEFIN SUPPLIERS FOR EACH TRADE ARE MPLETE SET OF CONTRACT DOCUI	ING THEIR SCOPE OF WORI ADVISED THAT INFORMATIO	k responsibilities on pertinent to 1	S AND COORDINATE SAME WITH THEIR SCOPE OF WORK ALSO
_		6.	ALL ENGINEERING SYSTEMS WC AND DISTRIBUTION WITHIN THE SHOW EVERY CONNECTION BIT	RK INCLUDED IN THE CONTRAG GENERAL PROXIMITY WHERE S	CT DRAWINGS SHALL BE TAKEN IN SHOWN. THE SIZE AND THE MEANS	A SENSE AS A DIAGRAMMA OF RUNNING DISTRIBUTIO	TIC REPRESENTATI	ON OF ITS INTENDED PLACEMENT OWN BUT IT IS NOT INTENDED TO THE INSTALLATION OF THE WORK
В		7.	PROJECT LIMIT LINES ARE SHOV AREA(S) OF WORK.	/N ON THE DRAWINGS FOR OR	IENTATION PURPOSES ONLY AND	SHOULD NOT BE CONSTRUE	ED TO INDICATE THE	E FULL EXTENT OR LIMITS OF THE
		8.	EACH CONTRACTOR PRIOR TO T CONCERNING ALL SPACE REQUI COORDINATING ALL SPACE REQ	HE COMMENCEMENT OF WORH REMENTS FOR THIS PROJECT. UIREMENTS WITH THE VA/COR	(SHALL FULLY COORDINATE AND THE GENERAL/PRIME CONTRACT TO AVOID CONFLICTS AND MISCO	VERIFY WITH ALL OTHER CO OR SHALL BE RESPONSIBLE MMUNICATION.	ONTRACTORS, OTHE EFOR COMMUNICAT	ER TRADES AND THE VA/COR ING, DOCUMENTING AND
		9.	ALL EXISTING BUILDING UTILITIE WITHIN THE AREA OF WORK, THI AFFECTED AREAS.	S AND INFRASTRUCTURE SER\ EREBY INTERFERING WITH THE	/ICES SYSTEMS THAT FEED OTHEF NEW CONSTRUCTION, SHALL BE I	R SPACES OUTSIDE THE DE REROUTED AND RELOCATE	MISED PROJECT AR D AS REQUIRED TO	EA AND THAT ARE LOCATED MAINTAIN FULL SERVICE TO THE
		10.	ALL FINISHED AREAS ADJACENT DUST AND DIRT THROUGH THE L COORDINATE ALL SITE SPECIFIC	TO OR INCLUDED WITHIN THE ISE OF VA/COR APPROVED DUS CONDITIONS IMPACTS ENCOU	AREA(S) OF CONSTRUCTION ALON STPROOF PROTECTION. SEE THE NTERED WITH THE VA/COR.	G WITH ALL PUBLIC PROJE OCCUPIED AREA PROTECTI	CT ACCESS ROUTES ON PROTOCOLS PR	S SHALL BE PROTECTED FROM OVIDED ON SHEET GI001 AND
		11.	DO NOT SCALE THE DRAWINGS.	USE THE GIVEN DIMENSIONS.				
С		12.	THE GENERAL/PRIME CONTRACT WITH THE AE.	FOR SHALL BE RESPONSIBLE F	OR COORDINATING ALL SHOP DRA	WING REQUIREMENTS WITH	H ALL OF THE AFFE	CTED TRADES, THE VA/COR AND
		13.	OBTAIN ALL REQUIRED VA/COR / WORK.	AUTHORIZATIONS BEFORE BEG	INNING ANY DEMOLITION WORK O	R NEW CONSTRUCTION, INC	CLUDING TEMPORA	RY BARRICADES AND PROTECTION
		14.	EACH CONTRACTOR SHALL MAIN	ITAIN A COMPETENT OSHA-30 F	FOREMAN OR EQUALLY QUALIFIED	DIRECT REPRESENTATIVE	ON THE JOB SITE A	T ALL TIMES.
		15.	ORDER THAT THERE BE NO DEL	AYS IN THE EXECUTION AND CO	TH THE GENERAL/PRIME CONTRAC DMPLETION OF THE WORK.	TOR'S SUPERINTENDENT A	ND WITH THE FORE	MAN OF ALL OTHER TRADES IN
		16.	DURING CONSTRUCTION EACH C CONTRACT DRAWINGS/DOCUME PROVIDED TO THE A/E FOR DIST	CONTRACTOR SHALL KEEP ON S NTS. THESE AS-BUILT MARKEE RIBUTION AT THE COMPLETION	SITE ACCURATE FIELD RECORDS (D-UP RECORD DRAWINGS/DOCUME I OF THE PROJECT.	DF ALL CONCEALED AND VIS INTS WILL BE KEPT UP TO D	SUALLY ACCESSIBLI DATE BY THE GENEF	E WORK THAT DIFFERS FROM THE AL/PRIME CONTRACTOR AND
;	≥	17.	IT SHALL BE THE RESPONSIBILIT DEMOLITION AND CONSTRUCTIO VA/COR'S ACCEPTANCE OF THA	Y OF EACH CONTRACTOR TO A IN SEQUENCES OF WORK. ANY I WORK.	DEQUATELY PROTECT EXISTING C 7 DAMAGE TO SUCH AREAS SHALL	CONSTRUCTION AND FINISH BE RESTORED AND REFINIS	IES TO REMAIN IN PI SHED TO A "LIKE-NE	LACE DURING BOTH THE W" CONDITION PRIOR TO THE
D	022 3:24:57 P	18.	THE GENERAL/PRIME CONTRAC EQUIPMENT, SIGNAGE AND FINIS EQUIPMENT, MATERIALS, ETC. B	TOR IS RESPONSIBLE FOR THE SHES DAMAGED BY THE PROJE OTH INSIDE AND OUTSIDE OF T	PATCH, REPAIR, REFINISHING AND CT DEMOLITION, TEMPORARY CON THE DESIGNATED AREAS OF WORK)/OR REPLACEMENT OF ALL ISTRUCTION, NEW CONSTR	. CONSTRUCTION, M UCTION OR THE MO	ATERIALS, ASSEMBLIES, VEMENT OF PERSONNEL, TOOLS,
	3/13/2	19.	PROVIDE THE CUTTING AND PAT REQUIRED TO PROPERLY COMP	CHING FOR ALL DEMOLITION W LETE THE PROJECT SCOPE OF	/ORK AND ALL NEW CONSTRUCTIC WORK.	N WORK BEING PERFORME	D OUTSIDE OF THE	PROJECT LIMIT LINES AS
		20.	ALL CUTTING, CORING AND DRIL CONCEALED CONSTRUCTION WI MITIGATION EFFORTS ON BOTH OF THE INTENDED AREAS AND D PROCEED WITH ANY SUCH REQU	LING OF EXISTING CONCRETE , THIN. ALL CUTTING, CORING A SIDES OF THE CUT. PRIOR TO C OCUMENT THE EXACT SIZE AN JIRED PENETRATIONS WORK.	AND MASONRY CONSTRUCTION SI ND DRILLING SHALL BE PERFORMI CORING, DRILLING, CUTTING OR PE D LOCATIONS OF ALL SUCH INTER	HALL NOT DAMAGE EXISTIN ED USING WET SAWS. GENE RFORMING ANY BREAKING FERENCES. COORDINATE V	G REINFORCING ST ERAL CONTRACTOR EFFORTS, PROVIDE WITH AND OBTAIN V	EEL, PIPING, CONDUITS OR OTHER MUST PROVIDE WATER E PENETRATING FIELD X-RAYING A/COR APPROVAL BEFORE
		21.	RELOCATIONS OF ANY INFRAST APPROVED FIRST BY THE VA/CO	RUCTURE DISTRIBUTION SYSTE R PRIOR TO STARTING ITS REL	EMS OR EQUIPMENT, WHICH MAY A OCATION.	LTER THE ARCHITECTURAL	OR STRUCTURAL (CONSTRUCTION, MUST BE
		22.	THE GENERAL/PRIME CONTRACTION A DAILY BASIS UNLESS SPECT	TOR IS RESPONSIBLE TO PROV IFICALLY REFERENCED OTHER	IDE THE REMOVAL OF ALL CONSTR WISE IN THE PROJECT SPECIFIC L	RUCTION DEMOLITION DEBR OGISTICAL SEQUENCING RI	RIS, SPOIL AND MAT EQUIREMENTS.	ERIALS FROM THE PROJECT SITE
	KING/GI001.dwg	23.	CONTRACTORS TO ENSURE ALL ARE TO BE SEALED BY AN APPR FIRESTOPPING SYSTEM INSTALL EACH SPECIFIC APPLICATION.	FIRE RESISTIVE RATINGS ARE OVED UL FIRESTOPPING SYSTE ATION REQUIREMENTS. FOLLO	MAINTAINED PER LOCATIONS SHC EM. SEAL ALL EXISTING PENETRAT DW THE MANUFACTURE'S DESIGN	WN ON THE DRAWINGS ANI IONS EXPOSED DURING CO RECOMMENDATIONS FOR T	d as discovered i DNSTRUCTION as pi The proper fire s	N THE FIELD. ALL PENETRATIONS ER THE APPROVED UL TOPPING MATERIAL TO BE USED IN
E	vings/WOR	24.	ALL FIRESTOPS SHALL MATCH T ALL CODE REQUIREMENTS. USE	HE FIRE RATING OF THE CONS ONLY A SINGLE (FMRC) APPR	TRUCTION BEING PENETRATED, SU OVED MANUFACTURERS LINE OF P	JCH AS WALLS, FLOORS, CE RODUCTS FOR ALL PROJEC	Eilings, partition: Ct firestopping.	S ETC. AND SHALL COMPLY WITH
	402- Drav	25.	THE BASIS OF DESIGN FOR ALL I	FIRE STOPPING WILL BE PREFA	BRICATED PRODUCTS AS MANUFA	CTURED BY THE 3M COMPA	ANY.	
(0- DesDocs	26.	PROVIDE AN HOURLY RATED FIR PROJECT DEMOLITION WORK OF PENETRANTS OCCUR USE A FIR	ESTOP AT ALL PENETRATIONS R NEW CONSTRUCTION. WHERE E RATED ENDOTHERMIC MATEF	OF RATED CONSTRUCTION AND/C COMBUSTIBLE PENETRANTS OCC RIAL. ALL FIRESTOPPING WORK M	R ASSEMBLIES, WHETHER I CUR USE A FIRE RATED INTU JST BE APPROVED BY THE	NEW OR EXISTING, J JMESCENT MATERI VA/COR BEFORE CO	AND AS A DIRECT RESULT OF THE AL AND WHERE NONCOMBUSTIBLE DNCEALED BY CONSTRUCTION.
	rgo, ND/400	27.	IF A FIRE WATCH IS NEEDED IT S IN EFFECT.	HALL BE THE RESPONSIBILITY	OF THE GENERAL CONTRACTOR T	O PERFORM THE ONE-HOU	R WALKING INSPEC	TIONS WHILE THE FIRE WATCH IS
	EHRM Fa	28.	VA Directive 6500 requires that con	tractors working in IT spaces must	be escorted by personnel with a VA is	sued PIV badge authorized by	the OIT regional area	manager to be in the IT spaces.
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OCCUPIED AREA PROTECTION PROTOCOLS

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VERIFY AND COORDINATE ALL PROTECTION REQUIREMENTS TO BE PROVIDED FOR EACH SPECIFIC AREA OR LOCATION OF SCHEDULED WORK WITH THE VA/COR, BEFORE BEGINNING ANY WORK. WHEN PERFORMING CONSTRUCTION WORK (DEMOLITION OR NEW) IN OCCUPIED SPACES, THE FOLLOWING PROTECTION PROTOCOLS WILL BE FOLLOWED ON A DAILY BASIS UNLESS MODIFIED IN WRITING BY THE VA/COR ON A CASE BY CASE BASIS:

- CAREFULLY MOVE/RELOCATE ANY SIGNAGE, WALL HUNG ITEMS, BLINDS, CURTAINS, ETC. THAT ARE WITHIN THE AREA/ZONE WHERE THE WORK IS TO BE ACCOMPLISHED AND IN DANGER OF BEING DAMAGED BY THE PERFORMANCE OF THE WORK, INCLUDING DAMAGE THAT CAN BE CAUSED BY FALLING OBJECTS, DUST OR MOISTURE. NOTE: THIS ALSO APPLIES TO THE DIRECT ACCESS ROUTE(S) THRU THE OCCUPIED AREA(S) TO AND FROM THE ACTUAL WORK AREA/ZONE. NOTE: THE VA/COR WILL BE RESPONSIBLE TO MOVE/RELOCATE ANY FURNITURE, EQUIPMENT, BOXES, FILES, USER BELONGINGS, ETC. THAT WOULD BE IN THE AREA OF WORK AND OBSTRUCT/INTERFERE WITH THE PERFORMANCE OF THE CONTRACTOR'S WORK. COORDINATE ALL REQUIRED VA RELOCATIONS WITH VA/COR.
- 2. CAREFULLY PROVIDE FULL PROTECTIVE DUST, MOISTURE AND DAMAGE PREVENTION BARRIERS/COVERS FOR ALL SUCH ITEMS ADDRESSED ABOVE INCLUDING THE ADDITIONAL PROTECTION OF ALL WALL SURFACES/FINISHES, WINDOWS/GLAZING, DOORS, FRAMES, HARDWARE, CARPETING, FLOOR COVERINGS, WALL BASE, ELECTRICAL DEVICES, WALL/CEILING MOUNTED EQUIPMENT & CONTROLS, CEILING CONSTRUCTION, TILE, GRID, WALL ANGLES, LIGHT
- FIXTURES, DIFFUSERS, GRILLES, LIFE SAFETY DEVICES, FIRE SPRINKLER HEADS, ETC. 3. FLOOR FINISHES SHALL BE PROTECTED THROUGHOUT THE AREA WITH A 6 MIL HEAVY DUTY STRING REINFORCED FIRE RETARDANT POLYETHYLENE SHEETING (VISQUEEN) AND/OR TEMPORARY TARPAULIN(S)/DROP CLOTH(S) AS A MINIMUM FOR DUST, MOISTURE AND VERY LIGHT FOOT TRAFFIC PROTECTION.
- 4. ALL MAIN TRAFFIC AREAS TO AND INSIDE THE WORK ZONE/AREAS SHALL HAVE ADDITIONAL PROTECTION PROVIDED OVER THE 6 MIL HEAVY DUTY STRING REINFORCED FIRE RETARDANT POLYETHYLENE SHEETING (VISQUEEN), IN THE FORM OF FULL SHEETS OF 3/16" TEMPERED HARDBOARD (MASONITE) 4'X8' PANELS. ALL MASONITE PANELS SHALL BE FIRMLY HELD TOGETHER AND SECURED IN PLACE VIA THE USE OF AN INDUSTRY APPROVED 2" HEAVY DUTY CONSTRUCTION ADHESIVE TAPE, INTENDED FOR THIS APPLICATION. NOTE: ALL BOARD TO BOARD JOINTS WILL BE FULLY TAPED THE LENGTH OF THE JOINT AND ALL BOARD TO VISQUEEN JOINTS WILL BE TAPED AT 4' ON CENTER WITH A MINIMUM 8" LENGTH OF TAPE. PAINTERS TAPE AND/OR MASKING TAPE ARE NOT CONSIDERED EQUIVALENTS TO THE HEAVY DUTY CONSTRUCTION ADHESIVE TAPE BEING SPECIFIED.
- 5. CONSTRUCT A TEMPORARY FULL HEIGHT, FULLY SEALED, CONTAINMENT ENCLOSURE AROUND ALL CONSTRUCTION AREAS/ZONES IN ORDER TO CONTAIN AS MUCH DUST AND DEBRIS AS POSSIBLE DURING THE PERFORMANCE OF ANY DEMOLITION, CONSTRUCTION AND CLEAN-UP
- 6. SOFT TEMPORARY FULL HEIGHT CONTAINMENT ENCLOSURES SHOULD BE CONSTRUCTED OF A MINIMUM 6 MIL HEAVY DUTY STRING REINFORCED FIRE RETARDANT POLYETHYLENE SHEETING (VISQUEEN) WITH THE USE OF THE APPROPRIATE TELESCOPICALLY ADJUSTABLE ALUMINUM OR METAL VERTICAL SPRING LOADED SUPPORT STUDS/POLES. FULL HEIGHT FOAM PADDED RAILS, PRESSURE FIT AT ALL PERIMETER WALL/PARTITION CONNECTION CONDITIONS ARE TO BE UTILIZED IN ORDER TO MINIMIZE THE USE OF TAPE SEALS ON ALL FINISHED WALL SURFACES. DEPENDING ON THE DURATION THE BARRIER MAY BE IN PLACE A 1 HOUR HARD BARRIER MAY BE REQUIRED.
- 7. WHEN ALL WORK IS COMPLETED FOR THE PREARRANGED SPECIFIC LOCATION(S), SCHEDULED TASKING AND IDENTIFIED PERIOD OF TIME THE ENTIRE AREA IS TO BE FULLY CLEANED-UP, ALL TEMPORARY CONTAINMENT ENCLOSURES AND PROTECTION REMOVED WITH ALL ITEMS IDENTIFIED IN NOTE #1 RETURNED TO THEIR PRIOR FUNCTIONING POSITIONS. NOTE: FULLY CLEANED-UP MEANS COMMERCIALLY VACUUM CLEANED WITH ALL SURFACES BEING FULLY WIPED DOWN AND DUST FREE AS THE CONTRACTOR ACCEPTED THE AREA/SPACE PRIOR TO PERFORMING THE WORK.
- 8. ALL SPACES WILL BE RETURNED TO THE USER, BY THE CONTRACTOR, AS A COMMERCIALLY CLEAN ENVIRONMENT WITH ALL OPEN CONSTRUCTION SURFACES SEALED WITH TEMPORARY CONSTRUCTION MATERIALS INCLUDING THE USE OF 6 MIL HEAVY DUTY STRING REINFORCED FIRE RETARDANT POLYETHYLENE SHEETING (VISQUEEN), IN ORDER TO AVOID DUST PARTICLES FROM THE CONSTRUCTION AREA MIGRATING INTO THE OCCUPIED USER'S AREA/SPACE/ROOM(S).
- 9. UNLESS DIRECTLY SPECIFIED AND CONFIRMED BY THE VA/COR OTHERWISE, ALL TEMPORARY PROTECTION AND ENCLOSURES ARE TO BE SET-UP AND KNOCKED-DOWN ON A DAILY BASIS SUCH THAT THE USERS OF THE OCCUPIED AREAS ARE NOT TO BE INCONVENIENCED AND PREVENTED FROM FUNCTIONING WITHIN THEIR SPACE/AREA/ROOM(S) DURING THEIR NORMAL BUSINESS HOURS OF OPERATION. (M-F 08:00 - 16:30)
- 10. THE BASIS OF DESIGN FOR ALL 6 MIL HEAVY DUTY STRING REINFORCED FIRE RETARDANT POLYETHYLENE SHEETING WILL BE IN FULL COMPLIANCE WITH NFPA 701-04, ASTM E84 AND CPAI 84 SECTION 6. IT SHALL BE MANUFACTURED WITH 3 PLY CONSTRUCTION CONSISTING OF FIRE RETARDANT VIRGIN POLYETHYLENE IN THE (2) OUTER LAYERS OF PLASTIC WITH A DIAMOND SCRIM REINFORCING MESH PLACED BETWEEN.
- 11. MOBILE CONTAINMENT SYSTEMS MAY BE UTILIZED WHERE APPLICABLE, IF APPROVED FOR USE BY THE VA/COR. MOBILE UNITS SHALL BE FULLY EQUIPPED WITH A NEGATIVE AIR HEPA FILTRATION SYSTEM THAT IS IN COMPLIANCE WITH THE INFECTION CONTROL REQUIREMENTS OF EACH SPECIFIC AREA OF WORK AND TASK BEING PERFORMED.

- 1. TO ORGANIZE AND IDENTIFY THE "EQUIVALENCY SUBSTITUTION PROCESS" IN ORDER TO FORMALIZE THE PROCESS, CLARIFY RESPONSIBILITIES, PROACTIVELY MANAGE THE PROCESS AND MINIMIZE COSTLY DELAYS IN THE EXECUTION OF THE WORK.
- 2. THERE ARE NO INTENDED RESTRICTIONS LIMITING COMPETITION ON THE EQUIVALENT SUBSTITUTION OF MATERIALS, EQUIPMENT, HARDWARE, FINISHES, CONTROLS, SYSTEMS AND THEIR INCLUSIVE PARTS, DETAILED ASSEMBLIES, RELATED DESIGN ELEMENTS AND PERFORMANCE CHARACTERISTICS, UNLESS AS IDENTIFIED IN THE BID SOLICITATION.
- SUMMARY DESCRIPTION: 1. THE BASIS OF DESIGN (BOD) INCORPORATES THE DESIGN INTENT AND PERFORMANCE BASED CHARACTERISTICS FOR ALL MATERIALS, SYSTEMS AND WORKMANSHIP THAT IS INCLUDED IN THE CONSTRUCTION DOCUMENTS AND REFERENCED BY SAME.
- 2. THE BOD COMPLIANCE PROTOCOLS ARE TO BE FOLLOWED FOR ALL PROPOSED EQUIVALENT SUBSTITUTIONS, DEPARTURES OR ADJUSTMENTS FROM THE CONSTRUCTION DOCUMENT DRAWINGS, DETAILING, AND SPECIFICATIONS PROVIDED THE SUBSTITUTIONS, DEPARTURES, OR ADJUSTMENTS MEET THE DESIGN INTENT, SCOPE OF WORK (SOW) CRITERIA REQUIREMENTS, AND PERFORMANCE BASED CHARACTERISTICS.
- 3. NO SUCH EQUIVALENT SUBSTITUTION, DEPARTURES OR ADJUSTMENTS WILL BE ALLOWED WITHOUT FIRST GOING THROUGH THE BOD COMPLIANCE PROTOCOLS PROCESS AND OBTAINING THE GOVERNMENT'S APPROVAL FROM THE CONTRACTING OFFICER (CO).

BOD COMPLIANCE PROTOCOLS:

- 1. THE BOD COMPLIANCE PROTOCOLS APPLY TO ALL MATERIALS, EQUIPMENT, HARDWARE, FINISHES, CONTROLS, ENGINEERING SYSTEMS AND THEIR INCLUSIVE PARTS, DETAILED ASSEMBLIES, IMPACTED ELEMENTS OF WORK PLUS ALL RELATED DESIGN CRITERIA ELEMENTS AND SPECIFIED PARAMETERS THAT ARE CONTAINED WITHIN THE BID/ISSUED FOR CONSTRUCTION DRAWINGS AND SPECIFICATIONS DOCUMENTATION, OR AS SPECIFICALLY REFERENCED BY SAME.
- SPECIFIC DESIGN INTENT AND PERFORMANCE CHARACTERISTICS REQUIRING BOD COMPLIANCE ANALYSIS WILL VARY WITH EACH SPECIFIC ITEM BEING PROPOSED AS AN EQUIVALENT SUBSTITUTION AND WILL NEED TO BE FULLY COMPARED AND ANALYZED TO ESTABLISH BOD EQUIVALENCY COMPLIANCE.
- 3. CRITICAL DESIGN CHARACTERISTICS AND ELEMENTS ARE SPECIFIC TO EACH ITEM NEEDING CONSIDERATION AND COULD CONSIST OF, BUT NOT LIMITED TO, CRITERIA SUCH AS DIMENSIONAL LOGISTICS, PERFORMANCE CHARACTERISTICS, CAPACITY, DUTY REQUIREMENTS OPERATIONAL EFFICIENCIES, ACOUSTICAL REQUIREMENTS, UTILITIES IMPACTS, CONNECTION ADJUSTMENTS, DETAILING DEPARTURES, FRAMING ALTERATIONS, ROUGH IN REQUIREMENTS, WEIGHT INCREASES AND/OR DISTRIBUTIONS, STRUCTURAL IMPACTS, ATTACHMENTS, SUPPORTS, FINISHES, AVAILABILITY, COMPATIBILITY, CONSTRUCTABILITY, WARRANTIES, SERVICE LIFE, MAINTENANCE REQUIREMENTS, ENVIRONMENTAL CONSIDERATIONS, LEED RELATED DESIGN CONSIDERATIONS, ETC.
- A VERY CRITICALLY IMPORTANT DESIGN CHARACTERISTIC OF ALL BOD ITEMS NEEDING TO BE FULLY EVALUATED AND PROPERLY COORDINATED WOULD BE THE DESIGN AND LAYOUT OF DIMENSIONAL LOGISTICS REQUIREMENTS. THOSE CRITICAL PARAMETERS COULD CONSIST OF. BUT NOT LIMITED TO. ALL DIMENSIONAL ELEMENTS THAT AFFECT SIZE, HEIGHT, WIDTH, DEPTH, THICKNESS, PLACEMENT, SPACING, CLEARANCES, ACCESS, MOUNTING, CONNECTIONS AND LOCATION REQUIREMENTS, INSTALLATION TOLERANCES, OPERABLE ELEMENT CLEARANCES, ETC., ALL OF WHICH COULD IMPACT OTHER AREAS OF CONSTRUCTION OR COMPONENTS OF WORK REQUIRING ADJUSTMENTS IN ORDER TO COMPLY WITH THE DESIGN INTENT.
- CONTRACTORS WILL BE RESPONSIBLE TO FULLY IDENTIFY ALL PROPOSED EQUIVALENT SUBSTITUTIONS. DEPARTURES. IMPACTS. ALTERATIONS AND ADJUSTMENTS FROM THE "BASIS OF DESIGN" INTENT TO THE GENERAL/PRIME CONTRACTOR DURING THE BIDDING PROCESS AND OBTAIN THEIR APPROVAL BEFORE COMPLETING THEIR PRICING AND SUBMITTING A BID TO SAME.
- 6. IF A PROPOSED EQUIVALENT SUBSTITUTION ITEM WILL REQUIRE THAT ALTERATIONS AND/OR ADJUSTMENTS NEED TO BE MADE. TO THE WORK OF THE PROVIDING CONTRACTOR, THE WORK OF OTHER CONTRACTORS OR THE WORK OF THE VA, THE SUBMITTING CONTRACTOR SHALL BE FULLY RESPONSIBLE TO INFORM AND ADVISE THE GENERAL/PRIME CONTRACTOR OF ANY AND ALL SUCH NECESSARY IMPACTS REQUIRED AS A PART OF THEIR BIDDING AND FUTURE CONTRACTUAL SCOPE OF WORK RESPONSIBILITIES.
- 7. THE CONTRACTOR PROPOSING THE EQUIVALENT SUBSTITUTION SHALL BE RESPONSIBLE FOR ALL RELATED WORK AND SHALL IDENTIFY, VERIFY, COORDINATE AND PROVIDE ENGINEERED SOLUTIONS FOR ALL IMPACT ISSUES AFFECTING INFRASTRUCTURE SYSTEMS, UTILITIES SERVICES. BUILDING STRUCTURE, SURROUNDING ELEMENTS, AND SYSTEMS AFFECTED FROM WEIGHT DIFFERENTIALS. REVISED LOADING CHARACTERISTICS, CONNECTION AND MOUNTING VARIANCES, INSTALLATION CONFLICTS AND DETAILING ALTERATIONS OR ADJUSTMENTS, ETC. CAUSED BY THE EQUIVALENT SUBSTITUTION REQUIREMENTS.
- 8. SPECIAL ATTENTION NEEDS TO BE PAID TO ANY SYSTEMS EQUIPMENT AND MATERIAL PERFORMANCE CHARACTERISTICS INCLUDING ALL ASPECTS OF THEIR DIMENSIONAL LOGISTICS FEATURES AND REQUIREMENTS ALONG WITH ANY STRUCTURAL AND UTILITIES IMPACTS.
- 9. EACH EQUIVALENT SUBSTITUTION REQUEST ALONG WITH ANY AND ALL IMPACTS, VARIANCES, ALTERATIONS OR ADJUSTMENTS REQUIRED TO OTHER ELEMENTS OF WORK WILL ALSO REQUIRE VA/CO APPROVAL(S) BEFORE ANY SUCH REQUEST IS DEEMED APPROPRIATE BY THE GOVERNMENT AND ALLOWED TO PROCEED INTO THE NORMAL SHOP DRAWING PREPARATION, SUBMITTAL AND REVIEW PROCESS.
- 10. NO REQUEST FOR AN EQUIVALENT SUBSTITUTION REVIEW IS ALLOWED TO BE MADE VIA A SHOP DRAWING SUBMISSION. ANY SUCH SUBMISSION WILL NOT BE REVIEWED AND WILL BE REJECTED AS NON-CONFORMING WITH THE DESIGN INTENT AND NOTED THAT THE CONTRACTOR IS TO FOLLOW THE STANDARD BOD COMPLIANCE PROTOCOLS.
- 11. ANY UNDOCUMENTED OR UNFORESEEN IMPACTS, VARIANCES, ALTERATIONS OR ADJUSTMENTS REQUIRED TO ELEMENTS OF WORK AS A RESULT OF AN EQUIVALENCY SUBSTITUTION THAT SURFACE DURING THE CONSTRUCTION PHASE SHALL IMMEDIATELY BE MADE KNOWN TO THE GENERAL/PRIME CONTRACTOR WHO WILL IN TURN NOTIFY THE VA/COR. ALL SUCH UNDOCUMENTED OR UNFORESEEN CONDITIONS WILL BE FULLY IDENTIFIED, DOCUMENTED AND SUBMITTED TO THE VA/COR FOR REVIEW, EVALUATION AND DIRECTION(S) ON HOW TO PROCEED.
- 12. ANY NON-COMPLIANT EQUIVALENT SUBSTITUTIONS WORK FOUND TO BE IN PLACE DURING THE CONSTRUCTION PHASE THAT HAD NOT GONE THROUGH THE BOD COMPLIANCE PROTOCOLS APPROVAL PROCESS AND THAT DOESN'T HAVE THE VA/CO'S APPROVAL WILL BE SUBJECT TO POSSIBLE REJECTION AND REMOVAL AS DETERMINED BY THE GOVERNMENT.
- 13. THE FINAL INSTALLATION OF ANY EQUIVALENT SUBSTITUTION AND ITS IMPACTS SHALL NOT COMPROMISE ANY OF THE BOD PERFORMANCE CHARACTERISTICS NOR SHALL IT ENCUMBER ANY OF THE ASSOCIATED DESIGN INTENT LAYOUT AND DIMENSIONAL LOGISTICS REQUIREMENTS.
- 14. ALL EQUIVALENT SUBSTITUTION INSTALLATIONS AND THEIR IMPACTS TO OTHER SOW ELEMENTS SHALL COMPLY WITH ALL APPLICABLE BUILDING CODES, REGULATIONS AND VA REQUIREMENTS, PLUS ALLOW ANY SYSTEMS, EQUIPMENT AND/OR MATERIALS TO FUNCTION PROPERLY AND SAFELY.

BASIS OF DESIGN (BOD) COMPLIANCE PROTOCOLS

BOD EQUIVALENT SUBSTITUTIONS PROCESS SEQU

STEP 1: BIDDING PHASE

. ALL BOD PROPOSED EQUIVALENT SUBSTITUTIONS AND THEIR ASSOCIATED IMPACTS ON OTHER SOW ELEMENTS SHALL BE FULLY IDENTIFIED AND CO CONTRACTOR(S) SUCH THAT THE COST OF ALL ASSOCIATED SCOPE OF WORK IMPACTS DIRECTLY AFFECTING OTHER TRADES SHALL BE INCLUDED IN

STEP 2: CONTRACTORS IDENTIFY PROPOSED EQUIVALENT SUBSTITUTION(S) 1. ALL CONTRACTORS, BEFORE SUBMITTING THEIR REQUEST FOR EQUIVALENT SUBSTITUTION CONSIDERATION SHALL BE RESPONSIBLE TO HAVE FULLY DESIGN CHARACTERISTICS OF THE ITEMS THEY WILL BE SUBMITTING FOR BOD COMPLIANCE REVIEW MEETS OR EXCEEDS THE DESIGN INTENT AND P DETAILED AND SPECIFIED.

STEP 3: CONTRACTORS PREPARE DETAILED COMPARISONS THE REQUESTING CONTRACTOR SHALL PREPARE AND PROVIDE TO THE GENERAL/PRIME CONTRACTOR A FULL LINE ITEM, SIDE-BY-SIDE COMPARISON MANUFACTURED CHARACTERISTICS VERSUS THE SAME FOR THE EQUIVALENT SUBSTITUTION BEING PROPOSED.

- 2. ALL EQUIPMENT, MATERIALS OR ASSEMBLY EQUIVALENT SUBSTITUTIONS SHALL BE PROVIDED ON A CONTRACTOR PREPARED ITEMIZED LISTING PER DETAILED COMPARATIVE DESCRIPTION OF ALL SPECIFICATIONS, PERFORMANCE CHARACTERISTICS, CAPACITIES, WEIGHT, DIMENSIONAL LOGISTICS OR ADJUSTMENTS FROM THE ORIGINAL BOD.
- 3. CONTRACTOR SHALL UTILIZE THE ORIGINAL MANUFACTURER'S PUBLISHED SPECIFICATIONS AND PRODUCT DATA SHEETS ALONG WITH ANY ADDITIO REQUIRED AND SPECIFIED IN THE CONSTRUCTION DOCUMENTS AS THE BASIS FOR THE DEVELOPMENT OF THE LINE BY LINE COMPARISON CRITERIA
- STEP 4: CONTRACTORS IDENTIFY RELATED IMPACTS THE REQUESTING CONTRACTOR SHALL BE RESPONSIBLE TO FULLY IDENTIFY AND DOCUMENT ALL PROPOSED EQUIVALENT SUBSTITUTION CAUSED I ADJUSTMENTS REQUIRED FROM THE ORIGINAL BOD REQUIREMENTS WITH THE GENERAL/PRIME CONTRACTOR AS WELL AS ALL AFFECTED CONTRACT

2. SEE THE DETAILED PROTOCOL REQUIREMENTS FOR THE EXTENT OF RESPONSIBILITIES AND DOCUMENTATION REQUIRED FOR THIS CRITICAL ITEM.

STEP 5: CONTRACTOR'S DOCUMENTATION TO GENERAL/PRIME CONTRACTOR 1. CONTRACTORS SHALL COORDINATE WITH THE GENERAL/PRIME CONTRACTOR AS TO THE SPECIFIC DATE THAT EACH IS REQUIRED FOR THE COMPLET SUBMISSION REQUEST DOCUMENTATION AND DELIVERY OF THE COMPLETED PACKAGE(S) TO THEM.

- 2. CONTRACTORS SHALL FULLY COORDINATE THEIR PREPARATION OF ALL REQUIRED DOCUMENTATION AND EQUIVALENCY SUBSTITUTION REQUIREME ORDER TO ADDRESS ANY AND ALL IMPACTS ON THE PROJECT SCHEDULE AS WELL AS PERFORMING THEIR REQUIRED FORMALIZED REQUEST FOR EQI
- 3. ALL EQUIVALENT SUBSTITUTION REQUESTS ALONG WITH THEIR REQUIRED SUBMISSION REQUEST DOCUMENTATION SHALL BE DELIVERED TO THE GEI TIME FOR THE GC'S FIRST SUBMISSION OF THE PROPOSED PROJECT CONSTRUCTION SCHEDULE BEING SUBMITTED TO THE GOVERNMENT FOR REVIE
- STEP 6: GENERAL/PRIME CONTRACTOR RESPONSIBLE FOR COORDINATION 1. THE GENERAL/PRIME CONTRACTOR SHALL BE RESPONSIBLE TO FULLY IDENTIFY, DOCUMENT, MAKE SUBMISSIONS, TRACK, COORDINATE, OBTAIN COM THE COST OF ALL SUCH EQUIVALENT SUBSTITUTION. WORK IN THEIR COST OF CONSTRUCTION AS WELL AS ALLOWED FOR WITHIN THEIR PROJECT S
- THE GENERAL/PRIME CONTRACTOR HAVING BEEN MADE FULLY AWARE OF POTENTIAL EQUIVALENCY SUBSTITUTIONS AND IMPACTS DURING THE BIDE BOD PROCESS IN THEIR DETAILED PROJECT SCHEDULE ALLOWING A SEPARATE TASK ITEM TIMELINE FOR EACH WITH CRITICAL DATES AND PERFORM
- 3. THE GENERAL/PRIME CONTRACTOR SHORTLY AFTER CONTRACT AWARD AND EXECUTION SHALL NOTIFY AND COORDINATE WITH THE VA/COR, ALL SU ALONG WITH ALL POSSIBLE IMPACTS FROM THE SPECIFIC BOD REQUIREMENTS PROVIDED IN THE DRAWINGS AND SPECIFICATIONS.
- ALL SUCH IMPACTS, DEPARTURES, ALTERATIONS OR ADJUSTMENTS REQUIRED TO ELEMENTS OF WORK WILL BE FULLY IDENTIFIED, DOCUMENTED AN EVALUATION AND DIRECTION(S) ON HOW TO PROCEED.
- 5. THE GENERAL/PRIME CONTRACTOR WILL ALSO BE RESPONSIBLE TO FULLY IDENTIFY AND COORDINATE ALL EQUIVALENCY SUBSTITUTION IMPACTS W SURE THAT ALL SUCH WORK IS INCLUDED IN THEIR SCOPE OF WORK.
- STEP 7: TRACKING LIST OF PROPOSED EQUIVALENT SUBSTITUTIONS AND IMPACTS 1. THE SUCCESSFUL GENERAL/PRIME CONTRACTOR SHALL PREPARE A COMPLETE MASTER LISTING, BY SPECIFICATION AND/OR DRAWING SECTIONS, C REQUESTS.
- 2. THIS MASTER LISTING WILL CONSIST OF A SUMMARY DESCRIPTION OF EACH REQUEST ALONG WITH A BULLET POINT LISTING OF THE MAJOR IMPACTS REQUIRED RESULTING FROM IT.
- THIS DOCUMENT WILL BE PREPARED AS A SPREAD SHEET AND UTILIZED AS A TRACKING TOOL FOR DOCUMENTING ALL SIGNIFICANT ASSOCIATED DAT RESUBMISSIONS, APPROVALS AND ADDITIONAL PERTINENT ISSUES AND ITEMS TO BE RECORDED AND TRACKED AS REQUIRED BY THE VA/COR.
- STEP 8: TRACKING LIST OF PROPOSED EQUIVALENT SUBSTITUTIONS AND IMPACTS 1. THE SUCCESSFUL GENERAL/PRIME CONTRACTOR SHALL SUBMIT TO THE VA/COR FOR PRELIMINARY REVIEW A MASTER SUMMARY LISTING OF ALL EQ IMPACTS IDENTIFIED A MINIMUM OF TWO WEEKS PRIOR TO THE FIRST SUBMISSION OF THEIR PROJECTED PROJECT SCHEDULE
- 2. A SEPARATE FULLY DETAILED SUBMISSION DOCUMENTATION PACKAGE SHALL BE PREPARED FOR EACH SUBSTITUTION REQUEST AND WILL CONSIST (ADDITIONAL PERTINENT INFORMATION DEEMED NECESSARY SUCH AS SKETCHES. DETAILED DRAWINGS, ENGINEERING DESIGN AND CALCULATIONS. SUBMISSION DOCUMENTATION PACKAGE SHALL BE SUBMITTED WITH THE FIRST SUBMISSION OF THEIR PROJECTED PROJECT SCHEDULE TO THE VA/C
- STEP 9: VA REVIEW AND ACTION NOTIFICATION 1. THE VA/COR SHALL REVIEW EACH SUBSTITUTION REQUEST PACKAGE AND TAKE SUCH ACTION AS DEEMED NECESSARY ON EACH. SUCH ACTION COL ON PROVIDING MORE DETAILED INFORMATION AND/OR CLARIFICATION(S) ON EACH SUBMISSION AND/OR EACH IMPACT.
- 2. AS PART OF THE VA'S REVIEW PROCESS THE A/E WILL ALSO BE INCLUDED IN A SIMILAR FASHION TO THE SHOP DRAWING REVIEW PROCESS AND SHAL RECOMMENDATION FOR THE VA'S CONSIDERATION.
- THE A/E WILL REJECT IMMEDIATELY WITHOUT REVIEWING ANY SUBMITTAL THAT IS DEEMED INCOMPLETE AND NOT IN COMPLIANCE WITH THE BOD PR 4. IT SHOULD BE NOTED THAT IT IS NOT THE VA'S OR THE A/E'S RESPONSIBILITY TO RESEARCH, DOCUMENT AND PROVE EQUIVALENCY, THAT IS THE REC
- RESPONSIBILITY AS PER THESE PROTOCOLS. THE A/E'S RESPONSIBILITY IS TO REVIEW AND ANALYZE THE DETAILED COMPARATIVE DOCUMENTATION WAS SUBMITTED.
- STEP 10: VA APPROVAL ALLOWS SHOP DRAWING PROCESS TO BEGIN 1. PRIOR TO THE CONTRACTOR(S) BEING ALLOWED TO PROCEED WITH SHOP DRAWING PREPARATION AND THE OFFICIAL SHOP DRAWING SUBMISSION(VA/CO APPROVAL(S) ON EACH EQUIVALENT SUBSTITUTION REQUEST THAT WILL AFFECT THE SHOP DRAWING PROCESS FOR THAT SPECIFIC ITEM AND
- STEP 11: IMPLEMENTATION OF SUBSTITUTION(S) AND IMPACT(S) 1. ONCE APPROVED BY THE VA/CO THE CONTRACTORS SHALL PERFORM THEIR FINAL COORDINATION EFFORTS AND BEGIN THE NORMAL SHOP DRAWIN PROVIDING ANY ADDITIONAL ENGINEERING WORK NECESSITATED BY THE EQUIVALENT SUBSTITUTION.
- 2. THE GENERAL/PRIME CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL WORK ASSOCIATED WITH AND IMPACTED BY ANY EQUIVALENT SUBS COORDINATION AND MANAGEMENT OF THE WORK WITHOUT ADDITIONAL COST TO THE GOVERNMENT.

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GENERAL CONSTRUCTION NOTES		GENERAL DEMC	LITION NOTES	SPECIAL SAFETY NOTES
1. THE CONTRACTOR WILL BE REQUIRED TO PROVIDE A CONSTRUCTION PHASING AND SCHEDULE OF ACTIVITIES. REFER TO SPECIFICATION SECTION 01 01 00 AND 01 32 16.15 FOR ADDITIONAL INFORMATION/REQUIREMENTS.	25. ALL EXISTING PARTITIONS WITHIN THE REMODELING AREAS WHICH ARE DESIGNATED FIRE OR SMOKE RATED PARTITIONS, AS WELL AS ALL CORRIDOR PARTITIONS SHALL BE IMPROVED TO CONFORM TO THE STANDARDS FOR NEW FIRE RATED PARTITIONS AS FOLLOWS:	GENERAL NOTES FOR CONTRACTORS: SEE ALL PROJECT GENERAL NOTES AND OTHER REQUIREMENTS INCLUDING THE LIFE SAFETY AND INFECTION CONTROL WORK LOCATED WITHIN THE GENERAL DRAWINGS SECTION. COMPLY WITH ALL REQUIREMENTS AS THEY ARE A DIRECT PART OF THIS SECTION AS IF THEY WERE DIRECTLY INCLUDED AND PROVIDED HEREIN.	15. WHERE EXISTING MATERIALS, ITEMS OR EQUIPMENT ARE TO BE REMOVED FOR THEIR REPLACEMENT IN THE SAME LOCATION BY THE SAME OR SIMILAR NEW MATERIALS, ITEMS OR EQUIPMENT, CAREFULLY DISCONNECT, DETACH, DISASSEMBLE IF REQUIRED, REMOVE AND DISPOSE OF THE ITEMS INDICATED ALONG WITH ANY AND ALL ANCILLARY SYSTEM COMPONENTRY OR	1. ALL CONTRACTORS, SUBCONTRACTORS AND THEIR REPRESENTATIVES WORKING ON THIS PROJECT SHALL AT ALL TIMES PRIOR TO AND DURING THE COURSE OF THEIR ACTIVITY BE RESPONSIBLE FOR
 THE CONTRACTOR WILL COORDINATE WITH THE VA/COR TO DEVELOP A CRITICAL PATH METHOD (CPM) SCHEDULE, CONSTRUCTION ACTIVITY SEQUENCING AND ASSOCIATED COMPLETION DATES FOR THE COMPLETE PROJECT. THE FARGO VA HEALTHCARE SYSTEM MUST REMAIN IN FULL OPERATION DURING CONSTRUCTION ACTIVITIES WITH MINIMAL INTERRUPTION DUE TO ALL RELATED CONSTRUCTION ACTIVITIES AND RELATED COMPONENTS OF THE PROJECT, 	EXISTING PARTITIONS TO REMAIN SHALL BE MADE CONTINOUS FROM THE FLOOR SLAB TO THE UNDERSIDE OF THE FLOOR OR ROOF SLAB ABOVE, INCLUDING CONTINUITY THROUGH THE CONCEALED SPACE ABOVE THE SUSPENDED CEILING. ALL EDGES AND PENETRATIONS SHALL BE FIRE CAULKED CONTINUOUSLY AND SEALED TIGHTLY. PARTITIONS SHALL BE TIGHTLY FITTED AND SEALED AROUND ALL PENETRATIONS SUCH AS DUCTS, PIPES, CONDUIT AND AROUND ALL FRAMING MEMBERS SUCH AS BEAMS,	PROTECTION PROTOCOLS: VERIFY AND COORDINATE ALL PROTECTION REQUIREMENTS TO BE PROVIDED FOR EACH SPECIFIC AREA OR LOCATION OF SCHEDULED WORK WITH THE VA/COR, BEFORE BEGINNING ANY WORK. WHEN PERFORMING DEMOLITION WORK IN ANY OCCUPIED SPACES FOLLOW THE "OCCUPIED AREAS PROTECTION PROTOCOLS" UNLESS MODIFIED IN WRITING BY THE VA/COR ON A CASE BY CASE BASIS.	 SUPPORT ITEMS ADDITIONALLY IDENTIFIED OR REQUIRED TO BE REPLACED. 16. WHERE STRUCTURAL SUPPORT OF EXISTING CONSTRUCTION ELEMENTS OR PORTIONS OF STRUCTURAL ELEMENTS TO REMAIN IS REQUIRED THE RESPONSIBLE CONTRACTOR PERFORMING THE WORK SHALL PROVIDE AND MAINTAINING ALL NECESSARY STRUCTURAL SUPPORTS, SHORING, STIFFENERS, BRACING, BEAMS, COLUMNS, FOOTINGS AND SUPPORTS AS NECESSARY TO ENSURE THE STABILITY OF THE ELEMENTS BEING SUPPORTED AND TO ADEQUATE V DISTRIBUTE ANY TEMPORABY (CADING CO.) 	 THE SAFETY OF THEIR EMPLOYEES, ALL OTHERS AND ARE TO BE IN CARE OF THE PROPERTY. EACH CONTRACTOR OR SUBCONTRACTOR, AS REPRESENTATIVES OF THEIR EMPLOYEES, SHALL ASCERTAIN THAT THE CONDITIONS UNDER WHICH THEY WILL BE REQUIRED TO ACCOMPLISH THEIR WORK ARE SAFE AND MEET ALL APPLICABLE REQUIREMENTS OF THE OCCUPATIONAL SAFETY AND
 INCLUDING MATERIAL DELIVERIES, NOISE, DUST, VIBRATION, ETC., BY CONSTRUCTION ACTIVITIES RELATED TO THIS PROJECT. 4. THE CONTRACTORS SCHEDULES SHOULD INCLUDE BUT ARE NOT LIMITED TO THE FOLLOWING: A CONSTRUCTION ACTIVITIES WHICH MAY AFFECT THE CONTINUEAL OPERATIONS OF THE FAR OF A FEATURARE 	 JOIS IS AND CONRETE RIBS. 26. PROVIDE A VINYL STRIP UNDER ALL DOORS WHERE NEW OR EXISTING FINISHES AND ADJACENT FLOORS ARE AT DIFFERENT LEVELS AND WHERE ADJACENT FLOOR FINISHES ARE OF DIFFERENT MATERIALS UNLESS OTHERWISE DETAILED. 27. UNLESS OTHERWISE SHOWN ON THE REFLECTED CEILING PLANS, ALL ACOUSTICAL CEILING TILE GRIDS SHALL BE 	1. BEFORE BEGINNING ANY DEMOLITION WORK EACH CONTRACTOR AND DISCIPLINE SHALL PERFORM A FULL EXAMINATION OF ALL AREAS OF WORK AND FULLY VERIFY ALL EXISTING CONDITIONS ALONG WITH ALL OF THE AREAS OF WORK FOR ANY UNFORESEEN CONDITIONS OR DISCREPANCIES FROM THE DOCUMENTATION THAT WOULD AFFECT THEIR WORK AND/OR THE WORK OF OTHERS. ANY UNFORESEEN CONDITIONS OR DISCREPANCIES DISCOVERED ARE TO BE IMMEDIATELY IDENTIFIED AND COORDINATED WITH THE CENERAL (PRIME CONTRACTOR MUCH CONTRACTOR MUCH CONTRACTOR MUCH CONTRACTOR)	AS NOT TO OVER LOAD ANY OF THE EXISTING STRUCTURE AND THE CONSTRUCTION BELOW. THIS CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL STRUCTURAL ENGINEERING ANALYSIS, CALCULATIONS AND SOLUTIONS FOR PROVIDING ANY SUCH WORK AND WILL NEED TO PROVIDE ALL SUCH PROPER DOCUMENTATION PREPARED BY A LICENSED STRUCTURAL ENGINEER TO THE VA/COR AS A SHOP DRAWING SUBMITTAL FOR PROPER REVIEW AND APPROVAL BEFORE BEING ALLOWED TO REGIN ANY SUCH WORK	 HAZARD ACT, ALONG WITH ALL OTHER APPLICABLE GOVERNING REGULATIONS AND VA REQUIREMENTS. 3. THE BEGINNING OF WORK ON SITE BY A CONTRACTOR OR SUBCONTRACTOR SHALL INDICATE HIS/HER
 B. SCHEDULES FOR EXISTING SYSTEMS SHUT DOWN. C. SCHEDULES FOR CONSTRUCTION ACTIVITIES OCCURRING AFTER NORMAL BUSINESS HOURS. M-F 08:00 - 16:30 	CENTERED IN EACH ROOM WITH EITHER A TILE OR GRID AT THE CENTER. 28. UNLESS OTHERWISE DETAILED, WHERE EXISTING WALLS OR PARTITIONS ARE REMOVED AND A DIFFERENCE IN CEILING HEIGHTS OCCURS IN ONE ROOM OR AREA, THE SPACE BETWEEN THE CEILING SHALL BE SQUARED OFF HORIZONTALLY AND VERTICALLY WITH FURRING CHANNELS AND FINISHED WITH THE MATERIALS AS CALLED FOR BY THE INDICATED ROOM FINISH.	 ALL REQUIRED DEMOLITION WORK IS NOT NECESSARILY LIMITED TO WHAT IS ONLY SPECIFICALLY SHOWN OR DIRECTLY CALLED OUT ON THE DEMOLITION PLANS OR THAT IS ONLY SPECIFICALLY IDENTIFIED WITHIN THE DEMOLITION NOTES DESCRIPTIONS. THE INTENT OF THE DOCUMENTATION IS TO CENERALLY UPENTIFY THE MORE SPECIFIC MAJOR ELEMENTS OF WORK IN PLACE 	 ALL EXISTING CONSTRUCTION OR ITEMS INDICATED TO REMAIN IN PLACE AND OPERATION SHALL BE PROTECTED FROM DAMAGE BOTH DURING THE DEMOLITION OPERATIONS AS WELL AS THE NEW CONSTRUCTION EFFORTS. WHERE PRACTICABLE, AND WITH THE VA/COR'S APPROVAL, THE CONTRACTOR MAY ELECT TO REMOVE SUCH ITEMS TO A SUITABLE STORAGE 	SATISFACTION AND FULL ACCEPTANCE OF THE CURRENT SITE CONDITIONS REGARDING SAFETY AND THE NECESSARY COMPLIANCE WITH ALL CONTRACT REQUIREMENTS REGARDING SAME. THE CONTRACTOR ACCEPTS FULL RESPONSIBILITY FOR ANY ACCIDENTS, INJURIES, AND/OR DAMAGES INCURRED AS A RESULT OF ANY VISIBLE OR KNOWN UNSAFE CONDITIONS THAT EXIST.
 PROVIDE TEMPORARY CONSTRUCTION FENCING/BARRIERS WITH DOORS AND FRAMES AS REQUIRED TO SEPARATE CONSTRUCTION ACTIVITIES FROM PUBLIC AREAS AND AREAS REQUIRING ACCESS DURING CONSTRUCTION. HARD BARRIERS WILL BE FLOOR TO DECK AND ONE (1) HR RATED. 	 EXISTING DOORS, WHICH SWING INTO ROOM SWHERE NEW FLOOR FINISH IS ABOVE ADJACENT FLOORS, SHALL BE CUT OFF NO MORE THAN ³/₄" GAP AT BOTTOM TO CLEAR NEW FINISHED FLOOR. WORK AT THE DISCRETION OF THE VA MAY BE SHUT DOWN AND RESCHEDULED DUE TO CRITICAL AREAS OR SPECIAL NEEDS OF PATIENTS AND STAFF AT NO ADDITIONAL COST TO THE GOVERNMENT. CONTRACTOR TO VERIFY ALL EXISTING SITE CONDITIONS. 	THE INTENT OF THE DOCUMENTATION IS TO GENERALLY IDENTIFY THE MORE SPECIFIC MAJOR ELEMENTS OF WORK IN PLACE THAT SHALL REQUIRE REMOVAL AND/OR REWORK IN ORDER TO ACCOMPLISH THE DESIGN INTENT OF THE DOCUMENTS. THE FULL EXTENT OF DEMOLITION WORK COULD INCLUDE BUT NOT NECESSARILY BE LIMITED TO ALL AFFECTED LESSER ELEMENTS OF ARCHITECTURAL, STRUCTURAL, MECHANICAL, PLUMBING, MEDICAL GASES, FIRE PROTECTION SPRINKLER SYSTEMS AND ALL ELECTRICAL SYSTEMS WORK INCLUDING HIGH AND LOW VOLTAGE POWER, COMMUNICATION SYSTEMS SUCH AS CCTV, SECURITY IT DATA LIFE SAFETY FIRE PROTECTION NUMBER CALL DA DAS CONTROLS SYSTEMS.	CASE SHALL ANY LIFE SAFETY DEVICES, SYSTEMS OR MEASURES BE COMPROMISED BY THE TEMPORARY REMOVAL OF ANY NECESSARY ELEMENTS OF WORK, FOR THE CONVENIENCE OF THE CONTRACTOR, THAT WERE NOT PROPERLY REPLACED IN KIND WITH A SIMILAR PROPERLY OPERATING TEMPORARY DEVICE.	4. IF UNSATISFIED WITH THE CURRENT SITE SAFETY CONDITIONS AND/OR THE NECESSARY COMPLIANCE, THE CONTRACTOR OR SUBCONTRACTOR SHALL INDICATE THE ACTIONS AND/OR DEVICES NECESSARY TO RENDER THE JOB-SITE SAFE. IF THE WORK OF OTHER PARTIES, UPON INSPECTION, IS FOUND AT ANY TIME TO BE UNSAFE THE CONTRACTOR OR SUBCONTRACTOR SHALL IMMEDIATELY STOP ALL
6. IF THE VAHCS ACCESS/EGRESS ROUTES IDENTIFIED ON THE PHASING PLANS ARE REQUIRED TO BE BLOCKED TEMPORARILY TO ACCOMMODATE CONSTRUCTION, COORDINATE ALTERNATE ACCESS/EGRESS ROUTES WITH THE VA/COR AND PROVIDE TEMPORARY SIGNAGE AND TEMPORARY PROTECTIVE BARRIERS TO CREATE ALTERNATIVE ACCESS/EGRESS ROUTES AS REQUIRED. COORDINATE AND SCHEDULE ANY DOWNTIME FOR THESE ROUTES WITH THE VA/COR.	 CONTRACTOR TO PROVIDE PROTECTION AGAINST DAMAGE INCLUDING WATER PENETRATION, TO EXISTING STRUCTURE AND FINISHES WHERE DEMOLITION AND NEW CONSTRUCTION OCCURS. ALL EXISTING EQUIPMENT, SIGNAGE AND ART SHALL BE SALVAGED FOR REUSE TO BE REINSTALLED BY CONTRACTOR AT SAME LOCATIONS IF POSSIBLE. UTILIZE ALTERNATE LOCATIONS AT OWNER'S DISCRETION. ALL TEMPORARY CONSTRUCTION PARTITIONS SHALL BE ONE(1) HOUR RATED. DOORS SHALL HAVE CLOSERS AND 	 ALL REQUIRED DEMOLITION WORK IS NECESSARY TO FACILITATE THE EXTENT OF BOTH THE NEW CONSTRUCTION WORK AS WELL AS TO FACILITATE THE REPLACEMENT, RELOCATION AND/OR THE REWORKING OF THE EXISTING SYSTEMS. ANY DEWORKING OF THE CURRENT OF DEMOLS AND COMPONENTS CURRENTLY NEEDING TO BE MODIFIED IN ORDER TO PROPER IN 	MATERIALS/CONSTRUCTION IS DAMAGED BEYOND REASONABLE REPAIR, THE CONTRACTOR SHALL BE RESPONSIBLE TO FULLY REPLACE THE ENTIRE DAMAGED SECTION AND/OR SECTIONS. THIS DAMAGED AREA SHALL BE REMOVED AND REPLACED AS REQUIRED TO REPAIR THE SUBSTRATE TO A LIKE NEW CONDITION THAT CONTAINS NO IRREGULAR JOINT CONNECTIONS, CONDITIONS, DEFECTS, WEAKNESS OR WILL CAUSE ADVERSE EFFECTS THAT WILL RESULT IN ANY DIFFERENTIAL FINISHED SUBFACE CONDITIONS OF AREAS OF JOINT WEAKNESS THAT WILL RESULT IN SUBFACE CRACKING AND RE ADRABENT THAT THE	 WORK AND NOTIFY THE GENERAL/PRIME CONTRACTOR AND THE VA/COR. THE SUBMISSION OF A BID FOR ANY PORTION OF WORK INCLUDED IN THIS CONTRACT SHALL ALSO INDICATE ACKNOWLEDGMENT AND ACCEPTANCE OF THESE REQUIREMENTS. 5. THE GENERAL CONTRACTORS SUPERINTENDENT MUST BE OSHA 30 TRAINED AND CERTIFIED. THEY
 THE CONTRACTOR SHALL REVIEW LOCATIONS OF TEMPORARY CONSTRUCTION BARRIERS AND INFECTION CONTROL BARRIERS, CONTRACTOR SITE ACCESS AND DEBRIS AND MATERIAL DELIVERY AND DELIVERY ROUTES WITH THE VA/COR. MAINTAIN ACCESS TO EXISTING BUILDINGS WITHIN THE LIMITS OF CONSTRUCTION. 	 LOCKING HARDWARE. 35. ALL WALL OR FLOOR PENETRATIONS (NEW OR ABANDONED EXISTING) UNDER THIS PROJECT SHALL BE SEALED, FILLED OR PROTECTED IMMEDIATELY TO MAINTAIN ALL SMOKE AND FIRE PASSAGE SITUATIONS. USE APPROVED FIRE/SMOKE STOP MATERIAL OR EQUIVALENT CONSTRUCTION. 36. WHETHER EXISTING OR NEW, NO CABLES, DUCTS, CONDUIT, PIPES, INSULATION, ETC. SHALL BE ALLOWED TO 	SUPPORT THE CORRECT ELEMENTS AND COMPONENTS CORRENTLY NEEDING TO BE MODIFIED IN ORDER TO PROPERLY SUPPORT THE COMPLETED PROJECT SHALL BE PROVIDED AS INTENDED TO CONFORM WITH THE ORIGINAL DESIGN INTENT WHETHER SPECIFICALLY CALLED FOR IN GREAT DETAIL WITH EVERY ANCILLARY ELEMENT FULLY NAMED AND IDENTIFIED OR AS CALLED OUT AS A GENERAL COMPONENT PORTION OF WORK THAT NEEDS TO BE PROPERLY REMOVED IN ORDER TO COMPLETE THE SCOPE OF WORK AS INTENDED TO COMPLY WITH ALL BASES OF DESIGN REQUIREMENTS.	 REFER TO ALL ENGINEERING DISCIPLINE DRAWINGS AND DOCUMENTATION FOR THE BASIC EXTENT BEING REQUIRED FOR ALL INFRASTRUCTURE AND SYSTEMS DEMOLITION AS WELL AS FOR IDENTIFYING ALL EXISTING EQUIPMENT, PIPING, CONDUITS, DUCTWORK WIRING, CONTROLS, ETC. THAT ARE INTENDED TO REMAIN WITHIN ANY OF THE AREAS OF DEMOLITION, THE AREAS 	 MUST BE ON THE JOB SITE AT ALL TIMES WHEN WORK IS OCCURRING. ALL OTHER PERSONNEL MUST BE OSHA 10 TRAINED AND CERTIFIED. 6. GENERAL CONTRACTOR SUPER TO PERFORM JOBSITE INSPECTION PRIOR TO LEAVING THE WORK AREA AT THE END OF SHIFT. 7. TWO (2) SUPERINTENDENTS DED SHIFT ARE RECOMMENDED TO ALLOW FOR ONE TO COVER
9. COORDINATE SHUT DOWNS OF UTILITIES OR ANY CONSTRUCTION ACTIVITIES WHICH MAY POTENTIALLY AFFECT THE EXISTING OPERATIONS OF THE VAMC WITH THE VA/COR. SHUT DOWNS SHALL BE BE REQUESTED AT MINIMUM TWO WEEKS IN ADVANCE AND BE MADE IN WRITING. MAINTAIN UNINTERRUPTED OPERATION OF THE EXISTING FACILITIES FOR ALL EXISITING UTILITIES TIE-INS. SCHEDULE THESE EVENTS AFTER-NORMAL BUSINESS HOURS OR AS REVIEWED AND ADDROVIED BY THE MAYOR D.	 TOUCH OR REST ON SPRINKLER PIPING. ABOVE-CEILING INSPECTIONS WILL BE CONDUCTED AND ANY VIOLATIONS WILL REQUIRE CORRECTION UNDER THIS CONTRACT AT NO ADDITIONAL COST TO THE GOVERNMENT. 37. DO NOT USE STEEL DECK FOR HANGING SUPPORTS OF BUILDING COMPONENTS INCLUDING SUSPENDED CEILINGS, ELECTRICAL LIGHT FIZTURES, PLUMBING, HEATING, OR AIR CONDITIONING PIPES OR DUCTS OR ELECTRICAL CONDUITS. 	4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COMPLETE DEMOLITION AND REMOVAL OF ALL EXISTING WALLS, CEILINGS, SUSPENSION SYSTEMS, FLOORING, ELECTRICAL, TELEPHONE AND PLUMBING CONSTRUCTION AS WELL AS ALL MATERIALS, FINISHES AND EQUIPMENT THAT IS NOT SPECIFICALLY SHOWN OR CALLED FOR AS REQUIRED TO FACILITATE THE NEW CONSTRUCTION WORK INSIDE THE CONTRACT AREA, THE ADJACENT SPACES AND THE SPACES ABOVE AND BELOW. SOME ADDITIONAL ITEMS THAT MAY NOT BE SPECIFICALLY SHOWN IN GREAT DETAIL ON THE DEMOLITION OF AN THAT ARE A DART OF	 20. UNLESS OTHERWISE NOTED ALL EXISTING PARTITION CONSTRUCTION WITHIN ANY OF THE AREAS OF DEMOLITION, THE AREAS 20. UNLESS OTHERWISE NOTED ALL EXISTING PARTITION CONSTRUCTION WITHIN THE PROJECT AREA OF WORK SCHEDULED TO RECEIVE NEW FINISHES SHALL HAVE ALL EXISTING FINISHES REMOVED INCLUDING BUT NOT LIMITED TO ALL CERAMIC TILE, VINYL WALL COVERING, WOOD PANELING, WAINSCOT MATERIALS, CROUT, MASTIC, WALL COVERING, PARKING, WALL PASE 	ANOTHER'S WORK IF REQUIRED ELSEWHERE.
10. THE CONTRACTOR WILL REVIEW WITH THE VA/COR FOR THE LOCATION OF THE SAFETY SIGN AND CONSTRUCTION SIGN.	 TWO (2) SUPERINTENDENTS PER SHIFT ARE RECOMMENDED TO ALLOW FOR ONE TO COVER ANOTHER'S WORK IF REQUIRED ELSEWHERE. FOR ANY CHASE BUILT THE CONTRACTOR SHALL RELOCATE DATA, POWER, EQUIPMENT, ETC. FROM THE PREVIOUS LOCATION ONTO THE NEW FACE OF THE CHASE. 	THE DEMOLITION WORK, BUT NOT LIMITED TO, ARE CASEWORK, SHELVING, BRACKETS, STANDARDS, DOOR HARDWARE, MISCELLANEOUS OTHER HARDWARE, SIGNAGE, FLOORING MATERIALS, WALL BASE, WOOD GROUNDS, WALL COVERING MATERIALS, BACKING LINERS OR BOARDS, ANY REMAINING MASTIC, GROUT, CAULKING AND SEALANTS, EXPOSED ANCHORS AND FASTENERS, FRAMING MATERIALS, BACKER BOARDS OR METAL PLATES, CHAIR RAILS, BRACKETS, HOOKS, SURFACE MOUNTED OR RECESSED ACCESSORIES. PRIVACY CURTAINS AND TRACKS. FTC	ADHESIVE, STAPLES, EXPOSED FASTENERS, ETC. SUCH THAT THE SUB-STRAIGHT WALL/PARTITION SURFACES REQUIRE NO FURTHER DEMOLITION AND ARE PREPARED TO RECEIVE ALL REQUIRED PATCHING, REPAIRS, RESURFACING AND REFINISHING AS REQUIRED TO RECEIVE THE NEW FINISHES. 21. ALL FINISHED AREAS ADJACENT TO OR INCLUDED WITHIN THE AREA(S) OF CONSTRUCTION ALONG WITH ALL PURLIC PROJECT	 MAINTAINING INTEGRITY OF FIRE AND SAFETY SYSTEMS IN PLACE IN MEDICAL CENTER AND OF ITS OUT BUILDINGS DURING CONSTRUCTION SHALL BE RESPONSIBILITY OF GENERAL CONTRACTOR. IN ADDITION TO VA MEDICAL CENTER POLICIES, NATIONAL, STATE, AND LOCAL CODES AND ORDINANCES SHALL APPL
11. ALL PERSONNEL ENTERING RENOVATION AREAS WITHIN OCCUPIED FLOORS OF THE VA MEDICAL CENTER SHALL WEAR SHOE COVERS, AND THESE MUST BE CHANGED EACH TIME THE WORKER EXITS THE RESPECTIVE WORK AREA. PROVIDE ADHESIVE WALK-OFF MATS AT ENTRY POINTS AT ALL WORK AREAS. REPLACE WALK-OFF MATS HOURLY OR WHEN THEY NO LONGER ARE ABLE TO CONTAIN DUST AND DIRT. WET MOP AND/OR VACUUM WORK AREA WITH HEPA FILTERED VACUUM REFORE LEAVING WORK AREAS. CONTAIN CONSTRUCTION WASTE IN		 ALL DEMOLITION WORK SHALL BE PERFORMED IN A SYSTEMATICALLY SAFE FULLY SUPERVISED COORDINATED AND PROPERLY MANAGED SEQUENCE OF WORK UNDER THE DIRECT SUPERVISION OF THE GENERAL/PRIME CONTRACTOR'S SUPERINTENDENT AND/OR THEIR MANAGEMENT PERSONNEL INCLUDING THE PERFORMANCE OF ANY ANCILLARY ELEMENTS OF SELECTIVE DEMOLITION. 	 ACCESS ROUTES SHALL BE PROTECTED FROM DUST AND DIRT THROUGH THE USE OF VA/COR APPROVED DUSTPROOF PROTECTION. SEE THE OCCUPIED AREA PROTECTION PROTOCOLS PROVIDED IN THE "GENERAL" DRAWINGS SECTION AND COORDINATE ALL SITE SPECIFIC CONDITIONS IMPACTS ENCOUNTERED WITH THE VA/COR. ALL NEW WORK ALONG WITH ANY PORTIONS OF EXISTING EQUIPMENT, MATERIALS OR REWORKED ELEMENTS WHEN 	 TO OF THEIR CONTRACTORS AND SUB-CONTRACTORS. 3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MEETING PERTINENT OSHA SAFETY REQUIREMENTS. 4. PROVIDE LOCKOUT-TAGOUT AND CONFINED SPACE ENTRY POLICIES AS APPLICABLE AND AS REQUIRED BY OSHA. TH POLICIES SHALL BE SUBMITTED FOR PRIOR APPROVAL BY VA SAFETY OFFICER/MANAGER.
 TIGHTLY COVERED CONTAINERS PRIOR TO TRANSPORTING. REMOVE BARRIER MATERIALS CAREFULLY TO MINIMIZE THE SPREADING OF DIRT AND DEBRIS ASSOCIATED WITH CONSTRUCTION. DO NOT REMOVE BARRIERS FROM WORK AREA UNTIL COMPLETED PROJECT IS THOROUGHLY CLEANED AND INSPECTED BY VA/COR. 12. CONTRACTORS STAGING AREA AND PARKING ARE IN THE NORTH EAST CORNER OF CAMPUS. 		6. ALL DEMOLITION, THE HANDLING OF MATERIALS AND EQUIPMENT ALONG WITH THE MOVEMENT OF THESE ELEMENTS THROUGHOUT THE FACILITY SHALL BE PERFORMED SO AS TO PREVENT DAMAGE TO ADJACENT IMPROVEMENTS AND FACILITIES TO REMAIN AS WELL AS TO PROVIDE SAFETY FOR ALL TRADESPEOPLE, STAFF, RESIDENTS/PATIENTS, VISITORS AND SERVICE PROVIDERS.	 COMPLETED SHALL FULLY COMPLY WITH ALL BASES OF DESIGN REQUIREMENTS. IT SHALL BE THE RESPONSIBILITY OF EACH CONTRACTOR TO ADEQUATELY PROTECT EXISTING CONSTRUCTION AND FINISHES TO REMAIN IN PLACE DURING BOTH THE DEMOLITION AND CONSTRUCTION SEQUENCES OF WORK. ANY DAMAGE TO SUCH AREAS SHALL BE RESTORED AND REFINISHED TO A "LIKE-NEW" CONDITION PRIOR TO THE VA/COR'S ACCEPTANCE OF THAT WORK 	 ALL PENETRATIONS IN 1HR RATED PARTITIONS SHALL RECEIVE RE-ENTERABLE FIRE-STOP ASSEMBLIES. SEE SPECIFICATION SECTION 07 84 00 FOR REQUIREMENTS. CONSTRUCT TEMPORARY CONSTRUCTION PARTITIONS OF NON-COMBUSTIBLE MATERIALS WHICH PROVIDE A SMOKE TIGHT SEPARATION BETWEEN CONSTRUCTION AREAS AND OTHER OCCUPIED AREAS. MAINTAIN INTEGRITY OF ENCLOSUBE DUBING CONSTRUCTION
13. LOCATION EAST OF BUILDING NO. 50, PAST CITY LIFT STATION TO BE USED FOR ALL EQUIPMENT, TRAILER AND VEHICLE PARKING, TO BE SHARED WITH VA AND OTHER CONTRACTORS. OTHER STAGING AREAS TO BE COORDINATED WITH VA ON PER NEED BASIS.		7. PROVIDE ALL PHYSICAL AND ENVIRONMENTAL PROTECTIVE MEASURES AS REQUIRED BY THE PROJECT DOCUMENTS, VA FEDERAL AND LOCAL REQUIREMENTS, APPLICABLE OSHA REGULATIONS, THE STATION AND ALL LOCAL INFECTION CONTROL AUTHORITIES, NFPA REQUIREMENTS, THE VA/COR AND ALL OTHER REGULATORY AGENCIES AND VA AUTHORITIES HAVING JURISDICTION OVER THIS PROJECT.	24. THE GENERAL/PRIME CONTRACTOR IS RESPONSIBLE FOR THE PATCH, REPAIR, REFINISHING AND/OR REPLACEMENT OF ALL CONSTRUCTION, MATERIALS, ASSEMBLIES, EQUIPMENT, SIGNAGE AND FINISHES DAMAGED BY THE PROJECT DEMOLITION, TEMPORARY CONSTRUCTION, NEW CONSTRUCTION OR THE MOVEMENT OF PERSONNEL, TOOLS, EQUIPMENT, MATERIALS, ETC. BOTH INSIDE AND OUTSIDE OF THE DESIGNATED AREAS OF WORK	7. THE CONTRACTOR SHALL COORDINATE ALL WORK AND PLANNED IMPAIRMENTS TO THE FIRE ALARM AND FIRE SUPPRESSION SYSTEMS THROUGH THE VA FACILITY MANAGEMENT. FIRE ALARM COVERAGE AND AUTOMATIC SPRINKLER PROTECTION SHALL REMAIN IN-SERVICE OUTSIDE OF THE AREAS OF WORK UNLESS SPECIFICALLY APPROVED BY THE VA FACILITY MANAGEMENT. SMOKE DETECTORS, BOTH ACTIVE AND INACTIVE, SUBJECT TO DUS CONDITIONS SHALL BE COVERED WITH FIRE ALARM MANUFACTURER DUST COVERS.
 RESTORE SITE TO ORIGINAL AND/OR BETTER CONDITION UPON CONSTRUCTION COMPLETION. WHERE EXISTING EQUIPMENT, PIPING, CONDUIT, DUCTS, ETC. ARE TO BE REMOVED, SUCH REMOVAL SHALL INCLUDE ALL ANCHORS, HANGERS, OR HARDWARE, ETC. 		8. PROVIDE ALL TEMPORARY PARTITIONS, PROTECTION, DOOR ACCESS UNITS, ENCLOSURES, WALKWAYS, FENCING, RAILINGS, CANOPIES, AIR FILTRATION DEVICES, VESTIBULES, AIRLOCKS, ETC., WHERE REQUIRED BY THE CONTRACT DOCUMENTS, THE VA/COR AND ALL AUTHORITIES HAVING JURISDICTION OVER THE PROJECT AND SHALL BE SURE TO MAINTAIN ADEQUATE AND SAFE EMERGENCY MEANS OF EGRESS FROM ALL AREAS. ALL SUCH WORK NEEDING TO BE PROVIDED WILL REQUIRE VA/COR REVIEW AND APPROVAL BEFORE BEGINNING ANY OF SUCH WORK	 25. PROVIDE THE CUTTING AND PATCHING FOR ALL DEMOLITION WORK AND ALL NEW CONSTRUCTION WORK BEING PERFORMED OUTSIDE OF THE PROJECT LIMIT LINES AS REQUIRED TO PROPERLY COMPLETE THE PROJECT SCOPE OF WORK. 26. ALL CUTTING, CORING AND DRILLING OF EXISTING CONCRETE AND MASONRY CONSTRUCTION SHALL NOT DAMAGE EXISTING 	 DAILY ACCUMULATIONS OF TRASH, COMBUSTIBLE MATERIALS, PACKAGING, AND DEBRIS SHALL BE REMOVED FROM CONSTRUCTION AREA ON A DAILY BASIS. FLAMMABLE MATERIALS MAY BE STORED ON SITE IN AN APPROVED AND APPROPRIATELY MARKED FLAMMABLE MATERIALS CABINET. THIS MEDICAL CENTER CAMPUS IS A SMOKE FREE ZONE. USE OF SMOKING AND NICOTINE MATERIALS IS PROHIBITED
 WHERE EXISITING CEILINGS ARE TO BE REMOVED, SUCH REMOVAL SHALL INCLUDE ALL PLASTER, GYPSUM WALLBOARD, ACOUSTICAL TILE, ALL METAL LATH, SUPPORT CHANNELS, CEILING TEES, AND HANGER WIRE, UNLESS OTHERWISE NOTED. NEW WORK SHALL LINE WITH AND MATCH EXISTING WORK EXCEPT WHERE OTHERWISE DIMENSIONED OR 		 GREAT CARE SHALL BE TAKEN WHEN PERFORMING SELECTIVE DEMOLITION IN THE UTILIZATION OF MORE SENSITIVE AND LESS EVASIVE METHODS OF DEMOLITION/REMOVAL, AS WELL AS PROVIDING THE APPROPRIATE ENHANCED PROTECTIVE BARRIERS IN ORDER TO PROVIDE FOR THE LEAST AMOUNT OF DAMAGE TO THE WORK THAT IS TO REMAIN IN PLACE. EXISTING FINISHED SURFACES. MATERIALS AND EXPOSED EQUIPMENT THAT WOULD RECEIVE SIGNIFICANT AMOUNTS OF SURFACE DAMAGE AND 	REINFORCING STEEL, PIPING, CONDUITS OR OTHER CONCEALED CONSTRUCTION WITHIN. ALL CUTTING TO BE PERFORMED SHALL BE WET CUTTING AND CONTRACTOR TO MANAGE WATER DISCHARGE ON BOTH SIDES OF CUT TO NOT DAMAGE EXISTING CONDITIONS AND PROPERTY. PRIOR TO CORING, DRILLING, CUTTING OR PERFORMING ANY BREAKING EFFORTS, PROVIDE PENETRATING FIELD X-RAYING OF THE INTENDED AREAS AND DOCUMENT THE EXACT SIZE AND LOCATIONS OF ALL SUCH INTERFERENCES. COORDINATE WITH AND OBTAIN VA/COR APPROVAL BEFORE PROCEEDING WITH ANY SUCH REQUIRED	 INCLUDING INSIDE CARS. IF A FIRE WATCH IS NEEDED IT SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO PERFORM THE ONE-HOUR WALKING INSPECTIONS WHILE THE FIRE WATCH IS IN EFFECT. ALL FALSE ALARMS, OF THE FIRE ALARM SYSTEM WILL BE PAID FOR BY THE GENERAL CONTRACTOR IF THE FARGO \
DETAILED. 18. WHERE THE FLOOR SURFACE IS NOT EVEN BETWEEN EXISTING ROOMS WHICH ARE BEING CONSOLIDATED INTO ONE NEW ROOM, THE FLOOR SURFACES SHALL BE MADE EVEN IN PREPARATION FOR THE NEW CONTINUOUS FLOOR FINISH AT NO ADDITIONAL COST TO THE GOV'T.		 WOULD REQUIRE SIGNIFICANT AMOUNTS OF PATCHING, REPAIRS AND REFINISHING WORK SHALL BE DEEMED AS DAMAGED AND UNUSABLE AND WILL NEED TO BE REPLACED IN WHOLE BY THE RESPONSIBLE CONTRACTOR AND ITS REPLACEMENT ONCE COMPLETED WILL NEED TO RECEIVE VA/COR APPROVAL. 10. WHERE EXISTING FLOOR FINISHES ARE TO BE FULLY REMOVED TO ALLOW FOR THE INSTALLATION OF NEW, PROVIDE FOR THE 	 PENETRATIONS WORK. 27. THE GENERAL/PRIME CONTRACTOR IS RESPONSIBLE TO PROVIDE THE REMOVAL OF ALL CONSTRUCTION DEMOLITION DEBRIS, SPOIL AND MATERIALS FROM THE PROJECT SITE ON A DAILY BASIS UNLESS SPECIFICALLY REFERENCED OTHERWISE IN THE PROJECT SPECIFIC LOGISTICAL SEQUENCING REQUIREMENTS OR AS APPROVED BY THE VA/COR. 	 HCS IS CHARGED FOR A VISIT BY THE FIRE DEPARTMENT CAUSED BY A FALSE ALARM. ALL EXISTING PARTITIONS TO REMAIN SHALL BE VERIFIED BY THE GENERAL CONTRACTOR TO MEET UL 1 HR RATING ALL EXISTING PENETRATIONS IN EXISTING PARTITIONS THAT ARE NOT FIRESTOPPED SHALL RECEIVE FIRESTOPPINC SEE SPECIFICATION SECTION 07 84 00 FOR FIRESTOPPING REQUIREMENTS.
 ALL EXISTING HOLES IN EXISTING FLOOR OR ATTIC SLABS WHICH ARE NOT BEING USED FOR NEW VERTICAL PIPING, DUCTS, CONDUIT, ETC., SHALL BE CLOSED WITH CONCRETE TO THE FULL DEPTH OF THE EXISTING SLAB. ALL NEW HORIZONTAL AND VERTICAL PIPING, DUCTS AND CONDUIT REQUIRED BY THIS CONTRACT, SHALL BE RUN CONCEALED EDOM/VIEW (EXCEPT IN MECHANICAL FOURDMENT POOMS, TELEPHONE CLOSETS, SIGNAL CLOSETS) 		COMPLETE REMOVAL OF THE EXISTING FLOOR FINISHES ALONG WITH ALL ASSOCIATED ATTACHMENT SYSTEMS SUCH AS MASTICS, ADHESIVES, TACKLES STRIPS, STAPLES, SETTING BEDS OF GROUT, MORTAR OR CONCRETE, CARPET PADDING, ATTACHED SUBFLOORING MATERIALS, ETC. AS REQUIRED TO GET DOWN TO THE EXISTING STRUCTURAL FLOOR SUBSTRATE THAT CAN BE PROPERLY PATCHED, REPAIRED, LEVELED AND MADE READY TO RECEIVE THE NEW FLOOR FINISHES.		14. REMOVING GREATER THAN 10% OF THE CEILING IMPAIRS THE SPRINKLER SYSTEM. IF IMPAIRMENT IS GREATER THA HOURS IN A 24 HOUR PERIOD A FIRE WATCH MUST BE ESTABLISHED.
ELECTRICAL CLOSETS, AND ELECTRICAL EQUIPMENT ROOMS, TELEPHONE CLOSETS, SIGNAL CLOSETS, ELECTRICAL CLOSETS, AND ELECTRICAL EQUIPMENT ROOMS). PROVIDE FURRING AS NECESSARY. SUCH FURRING WHETHER AT WALLS OR CEILINGS, SHALL BE FINISHED TO MATCH NEW AND/OR EXISTING ADJACENT SURFACES. THE CONTRACTOR SHALL REFER TO ALL HVAC, ELECTRICAL AND PLUMBING DRAWINGS TO DETERMINE WHERE ANY SUCH PIPES, DUCTS OR CONDUIT OCCUR.		11. ITEMS INDICATED TO BE REMOVED AND SALVAGED FOR THE VA SHALL REMAIN THE VA'S PROPERTY AND SHALL BE CAREFULLY REMOVED, CLEANED AND PROTECTED FROM DAMAGE BY THE CONTRACTOR RESPONSIBLE AT ALL TIMES. ALL SUCH ITEMS INDICATED TO BE SALVAGED WILL BE PACKAGED AND/OR CRATED AS REQUIRED BY THE VA/COR TO PROPERLY PROTECT THEM FROM DAMAGE CAUSED BY THE HANDLING, MOVING AND/OR THE STORAGE OF THESE ITEMS. ALL PACKAGES AND/OR CRATES OF ITEMS SHALL HAVE THEIR CONTENTS CLEARLY MARKED AND FULLY IDENTIFIED ON BOTH THE TOP AND ONE SIDE OF EACH		
21. NEW FINISHES APPLIED PATCH TO MATCH TO EXISTING FLOORS, WALLS AND PARTITIONS. IF FINISH CANNOT BE MATCHED, ALL NEW FINISH SHALL BE PROVIDED AT NO ADDITIONAL COST TO THE GOV'T.		CONTAINER TO BE COORDINATED WITH AND APPROVED BY THE VA/COR. DELIVER ALL SALVAGED MATERIALS TO THE LOCATIONS INDICATED IN THE PROJECT DOCUMENTATION OR TO THE GOVERNMENTS DESIGNATED STORAGE FACILITY ON THE STATIONS CAMPUS AS DIRECTED BY THE VA/COR.		SPECIAL DEMOLITION NOTES
 WHERE EXISTING CT FINISH IS BEING REMOVED, A CONCRETE TOPPING SHALL BE APPLIED TO THE REMAINING FLOOR SURFACE TO MAKE IT SMOOTH AND EVEN IN PREPARATION FOR THE APPLICATION OF A NEW CONTINOUS FLOOR FINISH. ALL PARTITIONS, UNLESS OTHERWISE SHOWN OR DETAILED, SHALL BE METAL STUDS AND OF THICKNESS TO ADEQUATE MADE ON THE DEDUCE OF DEDUCE OF DEDUCE OF DETAILED. 		12. UNLESS OTHERWISE INDICATED OR STATED TO BE SAVED, SALVAGED OR IDENTIFIED AS NEEDING TO REMAIN OR BE RELOCATED AND/OR REUSED, ALL ITEMS IDENTIFIED TO BE REMOVED, DEMOLISHED, SCRAPED, ETC. BECOMES THE PROPERTY AND RESPONSIBILITY OF THE CONTRACTOR AND AS SUCH IT IS THEIR RESPONSIBILITY TO REMOVE ALL SUCH ITEMS FROM THE SIT ON A DAILY BASIS UNLESS OTHERWISE APPROVED BY THE VA/COR.		 GENERAL CONTRACTOR SHALL ASSUME INFECTION CONTROL (ICRA) PROTECTION IS REQUIRED FOR ALL ASPECTS OF THE SCOPE OF WORK REQUIRING DEMOLITION AND/OR TEMPORARY REMOVALS (I.E. CEILINGS) GENERAL CONTRACTOR SHALL ASSUME AS PART OF SCOPE OF WORK THAT THERE WILL BE ONE HUNDRED (100) SOLVARE FEET OF CONCRETE FLOOP SLAP DATIONING
ADEQUATELY COVER PIPING, CONDUITS, ETC. 24. ALL DIMENSIONS ARE TO THE CENTER LINE OF NEW STUD WALLS AND NEW COLUMNS UNLESS SHOWN OTHERWISE. EXISTING WALLS, EXISTING COLUMNS AND NEW MASONRY WALLS ARE DIMENSIONED TO THE FACE OF FINISH.		 DEMOLITION ITEMS OF VALUE TO THE CONTRACTOR(S) ARE NOT TO BE STORED ON SITE AND NEED TO BE REMOVED ON A DAILY BASIS UNLESS OTHERWISE APPROVED BY THE VA/COR. ALL ITEMS OF WORK THAT ARE IDENTIFIED AS EXISTING TO BE REMOVED AND REUSED/REINSTALLED SHALL BE CAREFULLY DISCONNECTED, DETACHED, REMOVED AND DISASSEMBLED AS REQUIRED FOR CONVENIENCE AND EASE OF HANDLING, MOVING, STORAGE AND FOR THEIR PROTECTION FROM DAMAGE. ALL SUCH ITEMS ARE TO BE INDIVIDUALLY WRAPPED, BOXED OR PLACED IN CARTONS FOR THE EASE OF HANDLING THE MATERIALS AND THEIR PLACEMENT IN A VA/COR IDENTIFIED PROTECTED STORAGE AREA (TBD) LOCATED ON THE STATION BUT NOT NECESSARILY CONVENIENT TO THE SITE OF THE WORK. 		 GENERAL CONTRACTOR SHALL ASSUME AS PART OF SCOPE OF WORK THAT THERE WILL BE ONE THOUSAND (1,000) SQUARE FEET OF HARD PLASTER CEILING THAT WILL BE REQUIRED TO BE DEMOLISHED. THIS INCLUDES PLASTER CEILING CONCEALED ABOVE ACOUSTICAL TILE CEILING.
		EACH ITEM SHALL BE FULLY CLEANED, FREE FROM DAMAGE, PREPARED FOR SERVICE AND FULLY TESTED TO VERIFY ITS ABILITY FOR PROPER FUNCTIONAL REUSE PRIOR TO BEING PLACED IN STORAGE. THE CONTRACTOR TAKES RESPONSIBILITY FOR AND CERTIFIES ITS PERFORMANCE CAPABILITIES AND THE FACT THAT IT IS NOT DAMAGED AND FULLY CAPABLE FOR REUSE WHEN READY FOR ITS REINSTALLATION. IN THE EVENTUALITY THAT AN ITEM IS ULTIMATELY FOUND TO BE DAMAGED OR INOPERABLE AT THE POINT OF REINSTALLATION THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING A NEW ITEM/DEVICE ALONG WITH ALL ANCILLARY SUPPORT WORK AND EQUIPMENT NECESSARY TO FULLY REPLACE THE EXISTING.		
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RATED WALL LEGEND

CONTRACTOR IS REQUIRED TO MAINTAIN ALL RATED PARTITIONS.

••• 2 HR FIRE BARRIER ••• 2 HR FIRE BARRIER (EXISTING)

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FECFIREFIREEXTINUISHER CABINETOAOVERALLTHKCLCONTROL LOINTFRCFIREFIRERODE CABINETOAOVERALLTHKCLCONTROL LOINTFRCFIREFIREPGUREOHOPROLETOTOCLCELTRANDFIREFIREFIREPGUREOHOPROLETYPTYPCLGCELARFIRTFIRTFIRTFIRTOPTOOPTIONALUNOCMUCONCRETEFIREFIREFRCTFIREOPTPATTERNWATTERNCONCCONCRETEFIRFIREFOOTPLANPLASTER CABINATEVATCONCCONTRACTINO OFFICERSFIREFOOTPLANPLASTER CABINATEVATCONCCONTRACTINO OFFICERSFIREFOOTINGPRCPREPPREPARATIONVIECORCONTRACTINO OFFICERSFIREFOOTINGPREPPREPARATIONVICCORCONTRACTINO OFFICERSGCGENERAL CONTRACTINCA OFFICERSVIEVIECORCONTRACTINO OFFICERSGCGENERAL CONTRACTINCATINAPREPPREPARATIONVICCORCONTRACTINO OFFICERSGYP BDGYP SUM BOARDPREPPREPARATIONVICCORCONTRACTING OFFICERSGCGENERAL CONTRACTINGPREPPREPARATIONVICCORCONTRACTING OFFICERSGYP BDGYP SUM BOARDPREPPREPARATINOVICCORCONTRACTING OFFICERSHER MATINAL MAR	BOD	BASIS OF DESIGN	FE	FIRE EXTINGUISHER	NTS	NOT TO SCALE	TEMP			
CEM CEMENT FFAE FUNUTURE, RATURE, AND EQUIPMENT OA OVERALL THK CJ CONTROLJONT FIG FIGURE OC ON CENTER TO CL CENTER LINE FIG FIGURE OH OPPOSITE HAND TSTAT CLG CELING FIN FINT FINUTRE OH OPPOINGAL WO CLR CLEAR FINT FINT FINT FINT WIGH OPT OPPINGAL WO COM CONCRETE MASONRY UNIT FL FLOOR WO WO WO WO COM CONCRETE FP FIRE PROTECTION OR FIREPROOF PL PLATE VAR CONT CONTRACTING OFFICER FT FOOTING PLAS PLASTIC CAMINATE VT CORD CONTRACTING OFFICER FT FOOTING PLAS PLASTIC ANINATE VT CORD CONTRACTING OFFICER REPRESENTATIVE GC GENERAL_CONTRACTOR PRE PREFINISHED VIF COR CONTRACTING OFFICERS REPRESENTATIVE GC GENERAL_CONTRACTOR PRE PAREINSHADIN WIC CT CENTRO GYBLM HAZAROUS MATERIALS PROMP PREPINSHED VIF			FEC	FIRE EXTINGUISHER CABINET			TERR			
CJ CONTROLJOINT FHC FIRE HOSE CABINET CC ON CENTER TO CL CENTER LINE FIR FIRE HOSE CABINET OH OPPOSITE HAND TST CLG CELLING FIRT FIRTURE OP OPPOSITE HAND TYP CAR CLEAR FIRT FIRTURE OP OPPOSITE HAND TVP CAU COURCETE MASONRY UNIT FL FLOOR VICT OCORC COURD COURCETE FR PAT PATTERN VICT CONC COURTECTING OFFICET FT FOOT PLAN PLASTIC AUMINATE VICT CONC CONTINGCINATE FT FOOT NO PLASTIC AUMINATE VICT CONC CONTRACTING OFFICER FT FOOT NO PLASTIC AUMINATE VICT COR CONTRACTING OFFICER FT FOOT NO PREP PREPARATION VICT COR CONTRACTING OFFICER GL GLASS PREP PREPARATION VICT COR CONTRACTING OFFICERS REPRESENTATIVE GC GLASS PTM PROTE PREPARATION VICT COR CONTRACTING OFFICERS REPRESENTATIVE GC GLASS PTME PREPARATION VICT COR <td>CEM</td> <td>CEMENT</td> <td>FF&E</td> <td>FURNITURE, FIXTURE, AND EQUIPMENT</td> <td>OA</td> <td>OVERALL</td> <td>THK</td>	CEM	CEMENT	FF&E	FURNITURE, FIXTURE, AND EQUIPMENT	OA	OVERALL	THK			
CL CENTRA LINE FIG FIGURE OH OPPOSITE HAND TSTAT CLG CELING FIX FIXURE OPPO OPPOIDAL TYP CMU CORVERTE MASONRY UNIT FL FIXT FIXURE OPP OPTIONAL UNO COL COLVERTE MASONRY UNIT FL FLOOR UNO UNO COX COULMAN FQ FACC OF PAT PATTERN VIE COX CONTROUSS FT FOOT PLAM PLASTIC LAMINATE VAR CONT CONTRACTING OFFICER FTG FOOTINO PLAS PLASTIC AMINATE VIE COR CONTRACTING OFFICER STEPRESENTATIVE GC GENERAL CONTRACTOR PRE PREP PREPARATION VIE COR CORTROUC GC GENERAL CONTRACTOR PRE PREP PREPARATION VIC COR CORTROUC GC GENERAL CONTRACTOR PRE PREPARATION VIC COR CORTROUC GC GENERAL CONTRACTOR PRE PREPARATION VIC COR CORTROUC GC GENERAL CONTRACTOR PRE PREPARATION VIC CT CORTROUCTINC GC GENERAL CONTRACTOR <td>CJ</td> <td>CONTROL JOINT</td> <td>FHC</td> <td>FIRE HOSE CABINET</td> <td>OC</td> <td>ON CENTER</td> <td>ТО</td>	CJ	CONTROL JOINT	FHC	FIRE HOSE CABINET	OC	ON CENTER	ТО			
CLGCELINGFINFINSOPEOPE OPTIONALTYPCLRCLEARFIXFIXTUREOPTOPTIONALINOCMUCONCRETE MASONRY UNITFLFLOORWINOCOLCOLUNNFOFACE OFPATPATTERNVATCONCCOULINNFOFACE OFPLPLATEVARCONCCONTINUOUSFTFOOTPLANPLATEVARCONTCONTINUOUSFTFOOTNOPLANPLATEVCTCOORCONTRACTING OFFICERFTFOOTNOPLANPLASTER OR PLASTICVENTCOCONTRACTING OFFICERFTFOOTNOPREPPREPARATIONVOLCORCONTRACTING OFFICERGCGENERAL CONTRACTORPREPPREPARATIONVOLCORCONTRACTING OFFICERGCGENERAL CONTRACTORPREPPREPARATIONVVCCORCONTRACTING OFFICERGCGENERAL CONTRACTORPREPPREPARATIONVVCCORCONTRACTING OFFICERGCGENERAL CONTRACTORPREPPREPARATIONVVCCTCERAMIC TILEGCGENERAL CONTRACTORPREPPREPARATIONVVCCTCERAMIC TILEGCGENERAL CONTRACTORPREPPREPARATIONVVCCTCERAMIC TILEHAZ MATHAZADOUS MATERIALSPTMPART TO MATCH EXISTINGWVDATDATUMHAZHAZADOUS MATERIALSPTMPART TO MATCH EXISTINGWVDATDATUM	CL	CENTER LINE	FIG	FIGURE	OH	OPPOSITE HAND	TSTAT			
CIRCIRFIXTFIXTUREOPTOPTUNDCMUCONCRETE MASONRY UNITFLFLOORUNOCOLCOLUMNFOFACE OFPATPATTERNVATCONCCONCRETEFPFRCE POTECTION OR FIREPROOFPLPLATEVARCONTCONTRUIJOUSFTFOOTINGPLAMPLASTEC CAMINATEVCTCORDCONTRACTING OFFICERFTGFOOTINGPLAPLASTEC CAMINATEVCTCORDCONTRACTING OFFICERFTGFOOTINGPLAPLASTEC CAMINATEVDICORCONTRACTING OFFICERS REPRESENTATIVEGCGENERAL CONTRACTORPREPREPARATIONVOLCORCONTRACTING OFFICERS REPRESENTATIVEGCGENERAL CONTRACTORPREPREPARATIONVOLCORCONTRACTING OFFICERS REPRESENTATIVEGCGENERAL CONTRACTORPREPREPARATIONVOLCORCONTRACTING OFFICERS REPRESENTATIVEGCGENERAL CONTRACTORPREPPREPARATIONVOCCORCONTRACTING OFFICERSGLGLGLASSPREPPREPARATIONVOCCTRCERMING TLEGLGLASSPREPPREPARATIONWCVCCTRCERMING TLEHAZ MATHAZAROUS MATERIALSPTMEPAINT TO MATCH EXISTINGWCDATDATUMHMHOLOW METALPTMPAINT TO MATCH EXISTINGWCDEGDEGREETNCLUMEDGLGLWCDEGDEFARTORACTINGINCL	CLG	CEILING	FIN	FINISH	OPNG	OPENING	TYP			
CMUCONCRETE MASONRY UNITFLFL ORUNCOLCOLUMNFOFACE OFPATPATERNCONCCONCRETEFPFIRE PROTECTION OR FIREPROOFPLPLATEVARCONTCONTINUOUSFTFOOTPLAMPLASTIC LAMINATEVCTCOORDCONTRACTING OFFICERFTFOOTINGPLASPLASTIC RPLASTICVENTCOCONTRACTING OFFICERFTFOOTINGPRPAREPARENALTVIECORCONTRACTING OFFICERSGCGENERAL CONTRACTORPREPREFINISHEDVOLCORCONTRACTING OFFICERSGCGENERAL CONTRACTORPREPREFINISHEDVOLCORCONTRACTING OFFICERSGCGENERAL CONTRACTORPREPREFINISHEDVOLCORCONTRACTING OFFICERSGY BDGY BUM BOARDPROVIDEPREFINISHEDVIECTCERAMIC TILEGY BDGY BUM BOARDPROVIDEPRATTINWCTCERAMIC TILEHAZ MATHAZARDOUS INATERIALSPTMPANTWCTCONTROLHAZ MATHAZARDOUS MATERIALSPTNPARTITIONWODATUMHMHOUW METALPTNPARTITIONWODATUMHMHOUW METALOTQUART TILEWODEGDEGREETTOOTAQUART TILEWODEGDEGREETTOOTAQUART TILEWODEFDEPARTMENTINSULINSULINSULATIONQT </td <td>CLR</td> <td>CLEAR</td> <td>FIXT</td> <td>FIXTURE</td> <td>OPT</td> <td>OPTIONAL</td> <td></td>	CLR	CLEAR	FIXT	FIXTURE	OPT	OPTIONAL				
COLCOLMNFOFACE OFPATPATTERNCONCCONCRETEFPFIRE PROTECTION OR FIREPROOFPLAPLATEVARCONTCONTROUOUSFTFOOTPLAMPLASTIC LAMINATEVARCOORDCOORDNATEFTGFOOTINGPLASPLASTIC CLAMINATEVENTCORCONTRACTING OFFICERS REPRESENTATIVEGCGENERAL CONTRACTORPREPREFINISHEDVOLCORCONTRACTING OFFICERS REPRESENTATIVEGCGENERAL CONTRACTORPREPREFINISHEDVOLCORCONTROLGCGENERAL CONTRACTORPREPREFINISHEDVOLCORCORRIDORGLGL/ASSPREVPREVIDEVINCCTRCERAMIC TILEGYP BDGYP BDGYP SUM BOARDPREVIDEPAINTWCTRCONTROLHAZ MATHAZARDOUS MATERIALSPTMEPAINT TO MATCH EXISTINGWCTRCONTROLHAZHAZ MATHAZARDOUS MATERIALSPTMEPAINT TO MATCH EXISTINGWDATDATUMHMHOLOW METALPWRPOWERWODATDATUMHMHOLOW METALPWRPOWERWODEGDEGREETTUARNTERWODEGDEGREETTUARTERWODEFDEMONIG FOUNTANINTINSULATIONQUARTERWWFDEFDERAMINE FOUNTANJATJOINTRECRESULENT BASEDIMDIMENSIONJATJOINTREC </td <td>CMU</td> <td>CONCRETE MASONRY UNIT</td> <td>FL</td> <td>FLOOR</td> <td></td> <td></td> <td>UNO</td>	CMU	CONCRETE MASONRY UNIT	FL	FLOOR			UNO			
CONCCONCRETEFPFIRE PROTECTION OR FIREPROOFPLPLATEVARCONTCONTINUOUSFTFOOTPLAMPLASTIC LAINNATEVCTCOORDCOORDINATEFTGFOOTNOPLASPLASTEC OR PLASTICVENTCOORCONTRACTING OFFICERFTGFOOTNOPLASPLASTEC NAINNATEVIFCORCONTRACTING OFFICERGCGENERAL CONTRACTORPREPREPINSHEDVOLCORCONTRACTING OFFICERGLGLASSPREPPREPARATIONVVCCORCORRIDORGLGLASSPREPPREPARATIONVVCCTCEANIC TLEGY PBDGYPSUN BOARDPROVIDEFURNISH AND INSTALLWCTRCENTERHAZ MATHAZARDOUS MATERIALSPTMEPAINT TO MATCH EXISTINGWCTRCONTROLHAZ MATHAZARDOUS MATERIALSPTMEPAINT TO MATCH EXISTINGWDATUMHMHOLCUM METALPTNPARTITIONWCDATUMHMHOLCUM METALPTNPARTITIONWCDBLDOUBLEHTHEIGHTWDWDDEGDEGREEVINSULINSULATIONQTRQUARTTYDEFDERANTING FOUNTAININCLINCLUDEDQTRQUARTTYDFFDIFNSERJANJANTORRBRESULENT BASEDIFFDIFNSERJANJANTORRCCRECEPTACLEDIFFDIMENSIONJTJOINTRCCRECEPTACLE <t< td=""><td>COL</td><td>COLUMN</td><td>FO</td><td>FACE OF</td><td>PAT</td><td>PATTERN</td><td></td></t<>	COL	COLUMN	FO	FACE OF	PAT	PATTERN				
CONTCONTNUOUSFTFOOTPLAMPLASTIC LAMINATEVCTCOORDCOORDINATEFTGFTGFOOTINGPLASPLASTIC LAMINATEVCTCOORCONTRACTING OFFICERS REPRESENTATIVEGCGENERAL CONTRACTORPREPAIRVVFCORCONTRACTING OFFICERS REPRESENTATIVEGCGENERAL CONTRACTORPREPREPARATIONVVCCORCORRIDORGLGLGLASSPREPPREPARATIONVVCCTCERAMIC TLEGYP BUGYPSUM BOARDPROVIDEFURNISH AND INSTALLVCTRCENTERTHA MAXHAZ MATHAZARDOUS MATERIALSPTMPAINT TO MATCH EXISTINGW/CTRCONTROLHAZ MATHAZARDOUS MATERIALSPTMPAINT TO MATCH EXISTINGW/DATDATUMHMHOLCOW METALPVRPOWERW/DATDATUMHMHOLCOW METALPVRPOWERW/DEGDEGREETTMUCLOW METALW/W/DEGDEGREETUUW/W/DEFDEPATIMENTINSULINSULATIONQTQUARTERW/DFDEINKING FOUNTAININTINTERIORRRADIUSDIMDOMJANJANTORRPREFLECTED CELING PLANVDIMDOMJANJANTORRCRECPTRECPTACLELING PLANEDIMDOMJANJANTORRCRECPT RECEPTACLELING PLANEDIM <td>CONC</td> <td>CONCRETE</td> <td>FP</td> <td>FIRE PROTECTION OR FIREPROOF</td> <td>PL</td> <td>PLATE</td> <td>VAR</td>	CONC	CONCRETE	FP	FIRE PROTECTION OR FIREPROOF	PL	PLATE	VAR			
COORD COORDINATE FTG FOOTING PLAS PLAS PLASTER OR PLASTIC VET CO CONTRACTING OFFICERS GC GENERAL CONTRACTOR PR PREFINISHED VOL COR CORRIDOR GL GLASS PREP PREPARATION VVIC COR CORRIDOR GL GLASS PREP PREPARATION VVIC CT CERMIC TILE GY PBD GYPSUM BOARD PROVIDE FURNISH AND INSTALL W CTR CENTER FTG HAZ MAT HAZADOUS MATERIALS PTM PAINT TO MATCH EXISTING W CTR CONTROL HAZ MAT HAZADOUS MATERIALS PTME PAINT TO MATCH EXISTING W DAT DATUM HA HOW HARDWARE PTM PAINT TO MATCH EXISTING W DAT DATUM HM HOLLOW METAL PWR POWER WO DAT DATUM HM HOLLOW METAL T WD WO DBL DOUBLE HT HEGEN G QUARTER WWF DEG DEGREE INCL INCLUDED QT QUARTER WWF DEPATIENT INSUL INSULATION QT QUARTER WWF	CONT	CONTINUOUS	FT	FOOT	PLAM	PLASTIC LAMINATE	VCT			
COCONTRACTING OFFICERVIFCORCONTRACTING OFFICER'S REPRESENTATIVEGCGEREAL CONTRACTORPREPREFINSHEDVVCCORRCORRIDORGLGLASSPREPPREPARATIONVVCCTCERAMIC TILEGYP BDGYPSUM BOARDPROVIDEFURNISH AND INSTALLVVCCTRCENTERMATHAZARDOUS MATERIALSPTMEPARTITIONVVCCTRCONTROLHAZ MATHAZRDOUS MATERIALSPTMEPARTITIONVVCCTRCONTROLHAZHATHAZRDOUS MATERIALSPTMEPARTITIONVVCDATDATUMHMHOULOW METALPVRPOWERVVCDEGDEGREEUNCLUDEDOTQUARTY TILEVVFDEGDEGREEVICINCLUDEDQTQUARTERVVFDEFODENKING FOUNTAININCLINCLUDEDQTQUARTERVVFDFDERVERTMENTINSULINSULATIONQTQUARTERVVFDFDIFUSERJANJANTORRCRCECRECESSEDDIMDIMENSIONJSTJOISTRCPTRECESSEDINTERDIMDOVNJTJOINTRCCRECESSEDINTERDIMDATALLAWLAWATORYRMROOMINTERDIMDRAWINGLAMLAWATORYRMROOMINTERDIMDERVERLAMLAWATORYRMROOMINTERDIMDRAWINGLAMLAMATER	COORD	COORDINATE	FTG	FOOTING	PLAS	PLASTER OR PLASTIC	VENT			
CORCONTRACTING OFFICER'S REPRESENTATIVEGCGENERAL CONTRACTORPREPREPPREPNIDEVOLCORCORRIDORGLGLASSPROVIDEPROVIDEFURNISHADI INSTALLVWCCTCERMIC TILEGYP BDGYP SUM BOARDPROVIDEFURNISH AND INSTALLWCTRCENTERPTPAINTTO MATCH EXISTINGWCTRCONTROLHAZ MATHAZARDOUS MATERIALSPTMPAINT TO MATCH EXISTINGWDATDATUMHMHOLOW METALPVRPOWERWCDATDATUMHMHOLOW METALPVRPOWERWCDEGDEGREEINHEIGHTUQARRY TILEWDDEGDEGREEINSULINSULATIONQTQUARRY TILEWWFDEFDIRINING FOUNTAININTINTERIORINTERIORWFDIF<	CO	CONTRACTING OFFICER			PR	PAIR	VIF			
CORRCORRIDORGLGLASSPREPPREVIDEPREVIDEPREVIDEPREVIDEVICCTCERAMIC TILEGYP BDGYP SUM BOARDPROVIDEFURNISH AD INSTALLTCTRCENTERTHAZ MATHAZARDOUS MATERIALSPTMEPAINT TO MATCH EXISTINGW/CTRCONTROLHAZ MATHAZARDOUS MATERIALSPTMEPAINT TO MATCH EXISTINGW/DATDATUMHMHOLOW METALPWRPOWERWCDEIDOUBLEHTHEIGHTWDEGDEGREEQUARY TILEWWFDEMODEMOLITIONINCLINCLUDEDQTQUARY TILEWWFDEMODEMOLITIONINSULINSULATIONQTQUARTERWWFDEMODEMOLITIONINSULINSULATIONQTQUARTERWWFDEMODEMOLITIONINSULINSULATIONQTQUARTERWWFDEMODEMOLITIONINSULINSULATIONQTQUARTERWWFDFDIRING FOUTAININSULINSULATIONQTQUARTERWWFDIFDIFUSERJANJANITORRERESILENT BASEINSULATIONINSULATIONDIFDIFUSERJANJANITORRCPREFLECTED CELING PLANINSULATION BOXRCPREFLECTED CELING PLANINSULATION BOXDNDOWNJBOXJUNCTION BOXRECOTREQUIREDINSULATION BOXRECOTREQUIREDINSULATION BOXDMGDETAILLAW	COR	CONTRACTING OFFICER'S REPRESENTATIVE	GC	GENERAL CONTRACTOR	PRE	PREFINISHED	VOL			
CT CERAMIC TILE GYP BD GYP BD GYP SUM BOARD PROVIDE FURNISH AND INSTALL CTR CENTER PT PAINT TO MATCH EXISTING W CTR CONTROL HAZ MAT HAZARDOUS MATERIALS PTM PAINT TO MATCH EXISTING W/ DAT DATUM HAZ HAZ MAT HAZARDOUS MATERIALS PTM PARTITION W/O DAT DATUM HM HOLLOW METAL PWR POWER W/O DBL DOBBLE HT HEIGHT WD W/O DEG DEGRE OT QUARRY TILE WDW DEMO DEMOLITION INCL INCLUDED QTY QUARTER WWF DEPT DEPARTMENT INSUL INSULATION QTY QUANTITY WF DIF DIRIKING FOUNTAIN INSUL INSULATION QTY QUANTITY WF DIA DIAMETER INSUL INSULATION QTY QUANTITY WF DIM DIMENSION JST JOINT REC RECESSED INSULATION DN DOWN JT JOINT REC RECESSED INSULATION BOX RENF DN DOWN JAW LAWAT	CORR	CORRIDOR	GL	GLASS	PREP	PREPARATION	VWC			
CTR CENTER PT PAINT W CTRL CONTROL HAZ MAT HAZADOUS MATERIALS PTME PAINT TO MATCH EXISTING W/ DAT DATUM HDW HAZADOUS MATERIALS PTM PARTITIO MATCH EXISTING W/ DAT DATUM HDW HADDWARE PTN PARTITIO MATCH EXISTING W/ DBL DOUBLE HT HEIGHT WDW WDW WDW DEG DEGREE TO QUARTER WWF DEPT DEPARTMENT INSULATION QT QUARTER WWF DEF DEPARTMENT INSULATION QT QUARTER WWF DIA DAMETER INSULATION QT QUARTER WWF DIA DIAMETER JAN JANITOR RB RESILIENT BASE DIM DIMENSION JST JOIST RC RECESSED I DR DOOR JSGX JUNCTION BOX RECPT RECIPTACLE I DR DOOR JSGX JUNCTION BOX RECPT RECOTACLE I DR DOOR JSGX JUNCTION BOX RECPT RECOTACLE I DR DOOR JSGX	СТ	CERAMIC TILE	GYP BD	GYPSUM BOARD	PROVIDE	FURNISH AND INSTALL				
CTRL CONTROL HAZ MAT HAZARDOUS MATERIALS PTME PAINT TO MATCH EXISTING W/ DAT DATUM HDW HARDWARE PTN PARTITION W/O DAT DATUM HM HOLOW METAL PWR POWER WC DBL DUBLE HT HEIGHT WD DEG DEGRE OT QUARRY TILE WD DEMO DEMOLITION INCL INCLUDED QT QUARTER WWF DEPT DEPARTMENT INSUL INSULATION QT QUARTER WWF DEF DRINKING FOUNTAIN INSUL INSULATION QT QUANTITY WF DIF DIRING SOUNTAIN INT INTERIOR R RESILIENT BASE WWF DIA DIAMETER JAN JAINTOR RB RESILIENT BASE INTERIOR DIM DIMENSION JST JOINT RCP REFLECTED CEILING PLAN INTERIOR DR DOOR JT JOINT REC RECETACLE INTERIOR DR DOOR JT JOINT IN BOX RECNT RECEPTACLE INTERIOR DR DOOR LAM LAUNATEY RCD REINF REINFORCED <td>CTR</td> <td>CENTER</td> <td></td> <td></td> <td>PT</td> <td>PAINT</td> <td>W</td>	CTR	CENTER			PT	PAINT	W			
HDWHARDWAREPTNPARTITIONW/ODATDATUMHMHOLOW METALPWRPOWERWCDBLDOUBLEHMHOLOW METALPWRPOWERWCDEGDEGRETQUARY TILEWDDEMODEMOLITIONINCLINCLUDEDQTQUARY TILEWWFDEPTDEPARTMENTINSULINSULATIONQTQUARTERWWFDFDRINKING FOUNTAININTINTERIORRRADIUSTDFDIFUSERJANJANITORRCRECETED CEILING PLANTDIFDIFUSERJANJOINTRCPREFLECTED CEILING PLANTDNDOWNJSTJOINTRECRECETACLETDRDOORJBOXJUNTION BOXRECPTRECEPTACLETDRDOORJANJANITORRECPTRECEPTACLETDRDOORJFJUNTION BOXRECPTRECEPTACLETDRDOORJANLAMINATEREQDRECUIREDTDWGDRAWINGLAMLAMINATEREQDREQUIREDTLEDLIGHT EMITTING DIODEROROUGH OPENINGTTLEDLIGHT EMITTING DIODEROROUGH OPENINGTTLEDLIGHT EMITTING DIODEROROUGH OPENINGTT	CTRL	CONTROL	HAZ MAT	HAZARDOUS MATERIALS	PTME	PAINT TO MATCH EXISTING	W/			
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DFDRINKING FOUNTAININTINTERIORDIADIAMETERRRADIUSDIFFDIFFUSERJANJANITORRBRESILIENT BASEDIMDIMENSIONJSTJOISTRCPREFLECTED CEILING PLANDNDOWNJTJOINTRECRECESSEDDRDOORJBOXJUNCTION BOXRECPTRECPTACLEDTLDETAIL	DEPT	DEPARTMENT	INSUL	INSULATION	QTY	QUANTITY				
DIADIAMETERRRADIUSDIFFDIFFUSERJANJANITORRBRESILIENT BASEDIMDIMENSIONJSTJOISTRCPREFLECTED CEILING PLANDNDOWNJTJOINTRECRECESSEDDRDOORJBOXJUNCTION BOXRECPTRECEPTACLEDTLDETAILEINFREINFORCEDREINFORCEDDWGDRAWINGLAMLAMINATEREQDREQUIREDLVLAVATORYRMROOMLEDLIGHT EMITTING DIODEROROUGH OPENINGLFLINEAR FEET (FOOT)LLAD LINEDLLTLIGHTLGHTLLAD LINED	DF	DRINKING FOUNTAIN	INT	INTERIOR						
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	LEGENDS AND MOUNTI	NG HEIGHTS		UPGRADES	
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SOUTH SANITARY SCHEDULE SQUARE FOOT (FEET) SHEET SIMILAR SCOPE OF WORK SPECIFICATION SPRINKLER SPEAKER SQUARE STAINLESS STEEL STANDARD STORAGE SUSPEND SHEET VINYL

TONGUE AND GROOVE TEMPERED TERRAZZO THICK TOP OF THERMOSTAT TYPICAL

UNLESS NOTED OTHERWISE

VARIES VINYL COMPOSITION TILE VENTILATION VERIFY IN FIELD VOLUME VINYL WALL COVERING WEST

WITH WITHOUT WALL COVERING WOOD WINDOW WELDED WIRE FABRIC

TYPE A Minimal Fire Risk
TYPE B Limited Fire Risk
TYPE C MODERATE FIRE RISK
TYPE D SIGNIFICANT FIRE RISK

INFECTION CONTROL NOTES

WORK FOR BOTH THE PCRA/ICRA & ILSM DOCUMENTS TO BE ENGINEERING, ETC. FOR CLASSIFICATIONS & PROTECTION

- CONSTRUCTION WORK ZONE FROM EXISTING HOSPITAL TO BE EQUIPPED WITH KEYED OR CYPHER LOCK AND MUST ACCEPT BEST CORP. FIGURE 8 TB KEYWAY 7 PIN. VA LOCKSMITH WILL
- MULTI PURPOSE SPILL CONTROL SORBENTS TO ABSORB NON
- PASSING THROUGH HOSPITAL TO BE TIGHTLY COVERED WITH
- CARTS DESIGNED FOR THAT PURPOSE AND MUST BE TIGHTLY

INFECTION CONTROL REQUIRED BY A

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- SIGNITURE OF RECORD ALL ONSITE CONSTRUCTION WORKERS FOR REVIEW OF PROCEDURES AT FARGO VAMC.
- REVIEW OF INFECTION PREVENTION TRAINING AND CONSTRUCTION SAFETY CH
- MAINTAIN MANPOWER AND EQUIPMENT INCLUDING DUST MOPS, WET MOPS, BR WIPING RAGS FOR CLEANING FINE DUST FROM FLOORS WITHIN THE WORK AREA AND ADJACENT OCCUPIED AREAS.
- CONTAIN WORK AREAS OUTSIDE OF CONSTRUCTION BARRIERS, INCLUDING SPA FULL HEIGHT BARRIER THAT WILL BE EXTENDED TO THE DECK OF THE SPACE AI
- 5. CLEAN UP DUST TRACKED OUTSIDE OF CONSTRUCTION AREA IMMEDIATELY.
- TEMPORARY CONSTRUCTION BARRIERS AND CLOSURES ABOVE CEILING MUST #4 ABOVE.
- REMOVAL OF DEBRIS MUST BE IN TIGHTLY COVERED CONTAINERS.
- PROVIDE INTERMEDIATE JOBS THAT CREATE A MODERATE AMOUNT OF DUST IN AIR BY USE OF HEPA-EQUIPPED UNIT WITH MINIMUM 10 ACH. ALL AIR DISCHARG SHOULD RUN FULL TIME UNTIL TURN OVER OF SPACE TO VA. ALL WORK AND US DOCUMENTED AND COPY FORWARD TO VA/COR. NOTE: ALL DUCT VENTS AND F OFF DURING CONSTRUCTION.
- ALL WATER LINES MUST BE THOROUGHLY FLUSHED AND WATER SAMPLES TES FLUSHED, DISINFECTED AND TESTED PRIOR TO USE. PROVIDE TEST RESULTS

UPON COMPLETION OF PROJECT

- 1. DO NOT REMOVE BARRIERS FROM WORK AREA UNTIL COMPLETED PROJECT IS SAFETY DEPARTMENT AND INFECTION CONTROL DEPARTMENT, AND THOROUGI
- CONTAIN CONSTRUCTION WASTE BEFORE TRANSPORT IN TIGHTLY COVERED CO TRANSPORT RECEPTACLES OR CARTS. TAPE COVERING UNLESS SOLID LID.
- REMOVE BARRIER MATERIALS CAREFULLY TO MINIMIZE SPREADING OF DIRT AND CONSTRUCTION. BARRIERS TO BE REMOVED AT DAY/TIME APPROVED BY VA CO
- VACUUM WORK AREA WITH HEPA FILTERED VACUUMS.
- WET MOP AREA WITH DISINFECTANT
- REMOVE ISOLATION OF HVAC SYSTEM IN AREAS OF WORK; RESTORE HVAC SYS

ADDITIONAL REQUIREMENT

- SUBMIT EMERGENCY PROCEDURES TO BE POSTED. POST PCRA AND APPROPR CONSTRUCTION SIGNAGE FOR LIMITED ACCESS AND PROPER PPE IN WORK ARE
- CONTRACTOR TO NOTIFY FARGO VA HCS CO, COR, POLICE AND SAFETY OFFICE I FEDERAL OR STATE REGULATOR ARRIVE ONSITE TO INSPECT JOBSITE.
- NO EATING OR DRINKING ON THE JOBSITE.
- NO SMOKING, OR ANY USE OF NICOTINE AND VAPING THROUGHOUT THE ENTIRE THIS INCLUDES THE JOBSITE, INSIDE CARS AND THE PARKING LOT.

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CONSTRUCTION PROJECT TYPES

INSPECTION AND NON-INVASIVE ACTIVITES. INCLUDES, BUT IS NOT LIMITED TO: REMOVAL OF CEILING TILES FOR VISUAL INSPECTION LIMITED TO 1 TILE PER 50 SQUARE FEET. PAINTING (BUT NOT SANDING). WALL COVERING, ELECTRICAL TRIM WORK, MINOR PLUMBING, AND ACTIVITIES WHICH DO NOT GENERATE DUST OR REQUIRE CUTTING OF WALLS OR ACCESS TO CEILINGS OTHER THAN FOR VISUAL INSPECTION. REMOVAL OF FLOOR TILE LESS THAN 25 SQUARE FEET, NON-ACM AND NO GRINDING OR DUST GENERATING ACTIVITIES. SMALL SCALE. SHORT DURATION ACTIVITIES WHICH CREATE MINIMAL DUST. INCLUDES, BUT IS NOT LIMITED TO: INSTALLATION OF TELEPHONE AND COMPUTER CABLING. ACCESS TO CHASE SPACES. CUTTING OF WALLS OR CEILING WHERE DUST MIGRATION CAN BE CONTROLLED. WORK THAT GENERATES A MODERATE TO HIGH LEVEL OF DUST OR REQUIRES DEMOLITION OR REMOVAL OF ANY FIXED BUILDING OR ASSEMBLIES. INCLUDES, BUT IS NOT LIMITED TO: SANDING OF WALLS FOR PAINTING OR WALL COVERING. REMOVAL OF FLOOR COVERINGS, CEILING TILES AND CASEWORK. NEW CONSTRUCTION OR RENOVATIONS OVER 3 DAYS DURATION. MAJOR DUCT WORK, PLUMBING, PIPING, OR ELECTRICAL WORK. SOLDERING OR BRAZING OPERATIONS. ANY ACTIVITY THAT REQUIRES A BURN PERMIT. MAJOR DEMOLITION AND CONSTRUCTION PROJECTS. INCLUDES, BUT IS NOT LIMITED TO: ACTIVITIES WHICH REQUIRE CONSECUTIVE WORK SHIFTS. REQUIRES HEAVY DEMOLITION OR REMOVAL OF A COMPLETE BUILDING SYSTEM. NEW CONSTRUCTION OR RENOVATIONS OVER 3 DAYS DURATION.

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OUTSI	IDE, HEPA UNIT	2. E	. ISOLA	TE HVAC SYSTE	M IN AREA WHE	RE WORK IS BEIN	G DONE TO PREVENT C	ONTAMINATION
COILU	INITS TO BE SEA	ALED 3.	. COMP	LETE ALL CRITIC	CAL BARRIERS (I.E. PANEL SYSTE	M) TO SEAL AREA FROM	NON WORK
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Project #:	PRE-CONSTRUCTION RISK ASSESSMENT (PO	CRA)	INFECTION CONTROL COORDINATOR	INFECTION CONTROL RISK ASSESSMEN	
Project Title: Area of Construction:	Est.	Start Date: Duration:	Y N CONSTRUCTION ACTIVITY TYPE Inspection, non-invasive activit tiles for inspection (1/50 sq. ft	y-includes, not limited to removal of ceiling , painting (not sanding), wall covering,	ENT RISK GROUP (may modify as appropriate
Contractor/Supervisor: PCRA Completed by:			electrical trim work, minor plur require cutting of walls or acce Small scale, short duration, mo	nbing, activities which do not generate dust or ss to ceilings other than for visual inspection.	ium Risk - (Ex-Cardiology, ECHO, Endoscopy, F
SAFETY/ENGINEERING Y N		If YES, CIRCLE ILSM from list below or	B to installation of telephone/con of walls or celling where dust n Work that generates a modera	nputer cabling, access to chase spaces, cutting Me nigration can be controlled. The te to high level of dust or requires demolition a components or assemblies. Includes but not	erapy)
Will exits or exit of Will the construct	gress routes from occupied areas change? ion area have less than two remote exits?		C c c c c c c c c c c c c c c c c c c c	bainting or wall covering; removal of floor ework; new wall construction; minor duct the cellings; major cabling activity; any activity	<u>Risk</u> - (Ex-CCU, ER, Labor & Delivery, Laborato ecimen), Newborn Nursery, Outpatient Surge diatrics, Pharmacy, Post Anesthesia care, Surg
Will there be exc Will access to Em	ergency Services become blocked or obstructed?		which cannot be completed in Major duration and construction	a single work shift.	est Risk - (Ex-Any area caring for Immunocom tients, Burn Unit, Cardiac Cath Lab, Central St.
Will any part of the impaired for >4 h	e fire protection systems (detection, notification or suppression) be shut down ours in a 24-hour period?		D activities that require consecut removal of a complete cabling	ive work shifts; requires heavy demolition or system; new construction.	pply, ICU, Medical Unit, Negative pressure isol
Will smoke or fire Will any tempora	walls be breached? ry construction partitions be built?		Project Class	I II I II	
Will the project n Will construction	esult in the accumulation of construction debris? affect grounds safety (pits, storage, equipment, etc.)?	ПЕ ГГ G H	HIGH Risk HIGHEST Risk Di	IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	//v IV Upon Completion of Project
Will construction Will protection of	present other life safety hazards? hazardous areas be compromised?	н 🛄 н	CLASS I 1. Execute work by methods to minim 2. Immediately replace any ceiling tile 1. Include all items from Class I above	ize raising dust from construction operations. displaced for visual inspection.	4 Martine - Property lite distants and
A. Ensure Alternate Egress B. Ensure Alternate Emerge C. Fire Department Notifica D. Ensure Smoke-Tight Tem	INTERVENTION Toutes E. Additional Fire Fighting Equipment The Access F. Control Combustible Loads Tour G. Conduct 2 Fire Drills Per Shift in All Areas The Access Hazard Surveillance Rounds CONSTRUCTION ACTIVITY	Additional Training of Emergency Personnel Ensure Additional Employee Education K. Institute a Fire Watch w/documentation L. Post temporary signage If YES. describe intervention	2. Provides active means to prevent a 3. Water mist work surfaces to control 4. Seal unused doors with duct tape. 5. Block off and seal air vents. 6. Place dust mat at access points of r 7. Contain construction waste before 8. Isolate HVAC system in areas where	Ir-borne dust from dispersing into atmosphere I dust while cutting. work area. transport in tightly covered containers. e work is being performed to prevent contamination of duct system.	 Contain construction waste before transpor covered containers. Wet mop and/or vacuum with HEPA filtered before leaving work area. Remove isolation of HVAC system in areas v is being performed.
Will there be any medical gases, va Will noise levels to Will vibration levels Will additional se	anticipated utility shutdowns? (Communications, electrical, heating/cooling, HV cuum, water, server) e excessive? els be excessive? curity measures be implemented?	AC,	Include all items from Class I/II abo Involve Infection Control in design Complete all critical barriers i.e. sh control cube method (cart with pla vacuuming prior to exit) before co- Maintain negative air pressure wit	ve /planning before construction begins. setrock, plywood, plastic, to seal area from non-work area or implement stic covering and sealed connection to work site with HEPA vacuum for istruction begins. hin work site utilizing HEPA equipped air filtration units.	 Include all items from Class I/II above Do not remove barriers from work area unticompleted project is thoroughly cleaned as by Chief, EMS and Infection Control Coordin Remove barrier materials carefully to minin spreading of dirt and debris associated with construction.
1. PATIENT SAFETY COORD	NATOR		Cover transport receptacies or cart Include all items from Class I/II/III	s. Tape covering unless solid lid.	 Vacuum work area with HEPA filtered vacuu Wet mop area with disinfectant.
Y N CONSTRUCTION AC	TIVITY involve a patient care area either directly or adjacent to?		2. Involve Infection Control in design 3. Seal holes, pipes, conduits, and pur 4. If exiting to a patient care area, conduits	/planning before construction begins. Inclures appropriately. Instruct anteroom and require all personnel to pass through this room so	1. Include all items from Class I/II/III above
List: Do areas involved	have knowledge of construction?		paper coveralls that are removed e 5. Walk-off mats are required to mini may be considered in certain areas	ach time they leave the work site. mize tracking of heavy dirt and dust from construction areas. Shoe covers	
Does this project If YES, indicate intervention:	alter patient access to building/patient care area, either temporarily or permane	ently?	ICRA PROJECT CLASS:	Y N If yes, describe type of risk and Intervention:	
Access Signage sho appropriate	nporary access path should be intuitive, i.e. easy to follow. The access uld be adequate for decreased visual acuity and at The access viewing levels for both ambulating and w/c bound	s path should be smooth, without tripping hazards. s path should be handicap accessible.	Could water quality be compromised?	Y N If yes, Explain:	
Construction Area/ Materials	areas should not be accessible by unauthorized personnel. Construction areas should be visually identified.	on materials and tools should be moved and stored tely to preclude unauthorized access?	Additional Requirements:		
Critical Critical clinical al Alarms a. Emergency C	orms shall be functional and audible within and adjacent to the construction zo DDE Systems c. Wander guard technology	e. Medication/Nutrition Pumps	Patient Safety Coordinator/Date	Infection Control Coordinator/	Date
b. Medical Gas / Additional Requirements: 1. Loud, sudden or unexp to commencement of n	Iarms (Oxygen, Air, Suction) d. Vital Sign Monitoring/Telemetry Systems ected noises must be avoided; if any noise louder than ambient noise is going to occur, occu oise. If excessive noise is unavoidable, work must be coordinated with the AOD.	f. Nurse Call Systems pants of surrounding rooms must be notified immediately prior	IH Safety/Date	Project Engineer/Date	
2.		-45.			
	RA/ICRA FORM				
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INFECT	ON CONTROL COORDINA	TOR				
Y N	CONSTRUCTION ACTIVITY TY	PE		Y N PA	TIENT RISK GROUP	(may modify as appropriate))
	A Inspection, non-invasive tiles for inspection (1/50 electrical trim work, mino require cutting of walls o	activity-includes, not limited t sq. ft), painting (not sanding), or plumbing, activities which o r access to ceilings other than		w Risk - (Ex-Office A	reas)	
	Small scale, short duratio B to installation of telephon of walls or ceiling where	n, moderate to high levels-ind ne/computer cabling, access t dust migration can be control	cludes but not limited o chase spaces, cutting led.		edium Risk - (Ex-Car Medicine, Physical T Therapy)	diology, ECHO, Endoscopy, Nuclear herapy, Radiology/MRI, Respiratory
	C Work that generates a m or removal of any fixed b limited to sanding of wall coverings, ceiling tiles, ar work or electrical work a which cannot be complet	oderate to high level of dust of uilding components or assemi s for painting or wall covering id casework; new wall constru- bove the cellings; major cablir ed in a single work shift.	or requires demolition blies. Includes but not ; removal of floor action; minor duct ng activity; any activity		<u>gh Risk -</u> (Ex-CCU, Ef specimen), Newbor Pediatrics, Pharmac	R, Labor & Delivery, Laboratories m Nursery, Outpatient Surgery, y, Post Anesthesia care, Surgical Units
	Major duration and cons D activities that require cor removal of a complete ca	ruction activities-Includes, bu secutive work shifts; requires bling system; new construction	it not limited to: heavy demolition or on.		atients, Burn Unit, Supply, ICU, Medica	a rea caring for Immunocompromised Cardiac Cath Lab, Central Sterile I Unit, Negative pressure isolation perating rooms including C-section)
	Patient Risk Group	TYPE A	TYPE B		TYPE C	TYPE D
Project	LOW Risk					III/IV
Class	MEDIUM Risk	1	"		ш	IV
0.00489.7	HIGH Risk	1	II III (1)/			IV W
	TRAFLAT NON	During Construction	Project	8	lino	Completion of Project
CLASS	1. Execute work by methods to	minimize raising dust from constr	uction operations.		0,01	sompletion of Hoject
CLASS III CLASS III	 Include all items from Class I Involve Infection Control in Complete all critical barriers control cube method (cart w vacuuming prior to exit) befer Maintain negative air pressu Cover transport receptacles Involve Infection Control in Seal holes, pipes, conduits, a If exiting to a patient care ar they can be vacuumed using paper coveralls that are rem Walk-off mats are required t may be considered in certain 	tape. tape. tape. tape. terror transport in tightly covered where work is being performed t /II above design/planning before construct i.e. sheetrock, plywood, plastic, to ith plastic covering and sealed cor- or construction begins. re within work site utilizing HEPA or carts. Tape covering unless solid /II/III above design/planning before construct nd punctures appropriately. ea, construct anteroom and requil a HEPA vacuum cleaner before le- oved each time they leave the wo o minimize tracking of heavy dirt a tareas.	i containers. o prevent contamination of ion begins. o seal area from non-work at mection to work site with Hi equipped air filtration units. d lid. ion begins. re all personnel to pass throu aving work site or they can w rk site. and dust from construction a	duct system. Tea or implement EPA vacuum for ugh this room so vear cloth or areas. Shoe covers	 covered co 3. Wet mop a before leav 4. Remove iso is being per 1. Include all i 2. Do not rem completed by Chief, Ef 3. Remove ba spreading o construction 4. Vacuum wo 5. Wet mop a 1. Include all i 1. Include all i 3. Remove ball i 1. Include all i 3. Remove ball i 1. Include all i 3. Remove ball i 4. Vacuum wo 5. Wet mop a 1. Include all i 4. Vacuum wo 5. Wet mop a 1. Include all i 4. Vacuum wo 5. Wet mop a 1. Include all i 5. Vet mop a 1. Include all i 5. Vet mop a 5. Vet mop a 5.	ntainers. nd/or vacuum with HEPA filtered vacuum ing work area. olation of HVAC system in areas where wor formed. Items from Class I/II above iove barriers from work area until project is thoroughly cleaned as required MS and Infection Control Coordinator. rrier materials carefully to minimize of dirt and debris associated with in. ork area with HEPA filtered vacuums. rea with disinfectant.
ICRA PR	OJECT CLASS:					
Could the	re be a risk of TB Exposure?	Y N If yes, (describe type of risk and	Intervention:		
Could wat	er quality be compromised?	Y N If yes, I	Explain:			
Additional	Requirements:				-15-1-	
Patient	Safety Coordinator/Date		Infection Contr	ol Coordinato	r/Date	

PROJECT: LOCATION:

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ILSM EVALUATION

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Evaluated Item	YES	NO	Joint Commission ILSM Administrative Actions	If answer is "Yes", see act required to be taken
Will any exit be obstructed?	_	-	Ensuring unobstructed exits. When alternative exits have been designed, staff members in affected areas must receive additional training. Buildings or areas	Personnel in the building receive training on alterna routes and exits
will any exit be obstructed.	1.000	A sector	under construction must maintain escape routes for construction workers at all times, and the means of exiting construction areas are inspected daily.	Construction areas will ha designated and marked es clear at all times if necess
Will any entrance be obstructed to limit the access to emergency services?			Ensuring free and unobstructed access to emergency services and for fire, police, and other emergency forces.	The construction plans wi reviewed to ensure prope and will be maintained
Will any fire detection or suppression system be impaired for > 8 hours in a 24 hour period?	Г		Ensuring that the fire detection and suppression systems are in good working order. A temporary but equivalent system must be provided when any fire system is impaired. Temporary systems must be inspected and tested monthly.	Contractor will be briefed schedule work to minimiz systems impaired and not appropriate offices prior t being impaired
Will construction be open to other areas without any smoke tight barriers?			Ensuring that temporary construction partitions are smoke tight and built of noncombustible of limited combustible materials that will not contribute to the development or spread of fire.	Contractor will be briefed construction conference of requirement
Will fire hazard be substantially higher?			Providing additional firefighting equipment and training staff in its use.	Contractor will be briefed pre-construction conferent the need to provide adequination firefighting equipment and training construction emp
Will smoking be permitted in construction areas?			Prohibiting smoking throughout the organization's buildings and in and near construction areas.	Refer to Fargo VA HCS Smoking Policy
Will storage, housekeeping and debris removal practices increase the fire load?			Developing and enforcing storage, housekeeping, and debris removal practices that reduce the building's flammable and combustible fire load to the lowest feasible level.	Contractor will be briefed preconstruction conferen requirement

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July 2015

Evaluated Item	YES	NO	Joint Commission ILSM Administrative Actions	If answer is "Yes", see act required to be taken
Will the fire hazard increase to justify extra fire drills?			Conducting a minimum of two fire drills per shift per quarter.	Safety Department will ev effects of work on life safe determine if there is a nee increase frequency of dril
Will hazardous conditions substantially increase in or around the buildings to require extra surveillance activities?			Increasing hazard surveillance of buildings, grounds, and equipment, with special attention to excavations, construction areas, construction storage, and field offices.	A Fire Watch will be imple as needed
Will structural features of fire safety be impaired?			Training staff to compensate for impaired structural or compartmentalization features of fire safety.	Personnel in the building receive training in respon- safety deficiencies if nece
Will this project affect the life safety features of all areas?			Conducting organization wide safety education programs to promote awareness of LSC building deficiencies, construction hazards, and ILSMs.	Staff will be made aware of deficiencies, hazards, and measures during personal training, and/or informati channels. ILSM will be po project site.
Other Life Safety Code considerations?				If Ceiling Tiles are out for than 4 hours a fire watch implemented.

□ No ILSM Required: Yes

ILSM Issue Date: Evaluation determines no ILSM needed

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Prepared by

2 SAMPLE ILSM FORM

)	STAMP Office of Construction and Facilities		Drawing Title GENERAL - INFECTION CONTROL - SAMPLE PCRA/ICRA & ILSM FORMS		Phase ISSUE FOR BID	Project Title EHRM INFRASTRUCTURE UPGRADES			Project Number 437-21-205 Building Number	
Manage	Management VA U.S. Department of Veterans Affairs	SHEET 8 OF 279			Location FARGO VA H Issue Date 3/18/2022	EALTH CAR Checked DA	E SYSTEM Drawn KK	Drawing Number GI102		
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BUILDING KEY

1 MEDICAL CENTER

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- 3 ADMINISTRATION OFFICE 8 FLAGPOLE
- 9 MEDICAL CENTER
- 10 BOILER PLANT
- 11 MAINTENANCE GARAGE
- 12 WAREHOUSE
- 13 LAUNDRY
- 20 GATE WELL
- 30 ADMINISTRATION OFFICE
- 39 OLD HIGH VOLTAGE SWITCHGEAR BLDG

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- 40 VBA REGIONAL OFFICE
- 41 OXYGEN STORAGE TANK 42 UND SCHOOL OF MEDICINE
- 43 PICNIC SHELTER AND PATIO
- 44 XCEL ENERGY BLDG (NATURAL GAS)
- 46 MEDICAL CENTER
- 50 COLD STORAGE BUILDING
- 51 HRMS
- 52 ADMINISTRATION OFFICE
- 53 HAZMAT STORAGE BUILDING 54 PANDEMIC FLU STORAGE BUILDING
- 56 CHILLER PLANT
- 57 NEW HIGH VOLTAGE SWITCHGEAR BLDG

DENOTES BUILDING

of tion ities	Drawing Title GENERAL - SITE ORIENTATION AND PLAN	STAGING	^{Phase} ISSUE F	OR BID	Project Title EHRM INFRAST UPGRADES	RUC
nent	SHEET 9 OF 279				Location FARGO VA HEA Issue Date	LTH Checko
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CARE	SYSTEM	Drawing Number
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GENERAL NO

- A. REFER TO GI202 FOR BUILDING NUMBER KEY.
- B. THIS SHEET IS FOR PROGRAM PURPOSES ONLY. GC SHALL PREPARE AND C. FARGO VA HEALTH CARE SYSTEM ROADWAYS WILL REMAIN OPEN FOR PUBLI 11:59 PM.
- D. AT NO POINT DURING THESE HOURS SHALL THE EMERGENCY ENTRANCE BE (WEEKEND WORK CONSTRUCTION FOR FARGO VA HEALTH CARE SYSTEM SHALL SUNDAY 11:59 PM.
- F. CONTRACTOR WILL PROVIDE WRITTEN NOTIFICATION TO THE VA FOR WEEKEND G. CONTRACTOR WILL CLEAN FARGO VA HEALTH CARE SYSTEM ROADWAYS OF WORKDAY.
- H. CONTRACTOR TO RECORD EXISTING PAVEMENT MARKINGS PRIOR TO COMMEN PRIOR MARKINGS ON REPLACED PAVEMENT. CONTRACTOR TO RESTORE ANY I CONDITION. REFER TO CIVIL DRAWINGS FOR ADDITIONAL NOTES.
- CONTRACTOR TO PROVIDE ADEQUATE PROTECTION TO EXISTING SITE FEATURES CONSTRUCTION.
- . CONTRACTOR TO REPAIR AND REPLACE IN KIND ANY ITEMS DAMAGED DURING REPAIR/REPLACEMENT/PATCH WORK.
- K. SITE FEATURES CALLED OUT ON KEY NOTES ARE NOT TO BE TAKEN AS AN PLEASE REFER TO ALL CONTRACT DOCUMENTS FOR SITE FEATURES.
- L. CONTRACTOR TO PROVIDE PROTECTION ON EXISTING LANDSCAPING AS TO NO DEBRIS, MACHINES AND/OR MATERIALS. ANY DAMAGED LANDSCAPING SHALL
- M. CONTRACTOR SHALL COORDINATE ALL EXCAVATIONS WITH COR. PRIOR TO CO A 3 WEEK LOOK AHEAD SCHEDULE AT EACH WEEKLY PROGRESS MEETING.
- N. SITE PLAN SHOWN FOR REFERENCE ONLY. CONTRACTOR TO REFER TO CIVIL INFORMATION.
- 0. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING THE SETUP, MAINTENA TRAFFIC/PEDESTRIAN CONTROL THROUGHOUT THE LIFE OF THE CONSTRUCTION WAYFINDING AND CONTROL SHALL UTILIZE THE LATEST MUNICIPAL UNIFORM DESIGN PARAMETERS.
- CONTRACTOR TO ENSURE EMERGENCY ACCESS SHALL REMAIN AVAILABLE THR CONSTRUCTION. CONTRACTOR TO PROVIDE PROPOSED WORK SCHEDULE AND PRIOR TO THE START OF CONSTRUCTION.
- Q. NO AREA OF THE STATION OR BUILDING WILL BE ISOLATED.
- CONTRACTOR TO SUBMIT PLANS FOR ALTERNATE ROUTES FOR ROADWAYS AN AND FACILITIES FOR VA REVIEW AND APPROVAL PRIOR TO THE START OF CO CONTRACTOR TO CHECK WITH VA ABOUT OTHER SIMULTANEOUS PROJECTS
- WORK. T. CONTRACTOR SHALL PROTECT SIGNAGE AND SHALL ASSUME CONCRETE FOUR DURING CONSTRUCTION.
- STAGING AND MOBILIZATION AREA SUBJECT TO VA/COR APPROVAL. PLEASE CONSTRUCTION SITE SECURITY MEASURES. CONTRACTOR TO PROVIDE SCHEDU LONG STAGING AREA WILL BE IN USE. WHEN CONSTRUCTION IS COMPLETE, MATERIAL AND DEBRIS.

LEGEND

- 1. EXISTING METAL FENCE. CONTRACTOR TO PROTECT FENCE DURING CONSTRU 2. PROVIDE TEMPORARY CONCRETE BARRIERS TO BLOCK OFF MAIN ROADWAY.
- ALT ROUTE TO THE HOSPITAL FROM NORTHWEST CORNER OF CAMPUS.
- 3. CONTRACTOR TO PROVIDE TEMPORARY BARRIERS TO DESIGNATE PEDESTRIAN CONSTRUCTION.
- 4. PROVIDE METAL FENCE WITH POLYETHYLENE PRIVACY SCREEN DURING CONST CONSTRUCTION AREA. AVOID SCATTERING SOIL OUTSIDE OF THE TEMPORARY
- 5. CONTRACTOR TO ENSURE TRAFFIC FLOW IN AT LEAST ONE DIRECTION DURIN DIRECT TRAFFIC AND FLAGGERS AT ALL TIMES. REFER TO CIVIL DRAWINGS 6. DEMO CONCRETE SIDEWALK TO ALLOW FOR FIBER ROUTING. GC TO INSTALL
- ON CIVIL DRAWINGS. 7. CONTRACTOR TO PROTECT TREE AND ITS ROOTS (TYP. THROUGHOUT CAMPU
- 8. CONTRACTOR TO RECORD EXISTING PAVEMENT MARKINGS INCLUDING PARKING TRENCHING. CONTRACTOR TO MATCH EXISTING PRIOR MARKINGS ON REPLACE
- 9. PROVIDE TEMPORARY CONCRETE BARRIERS TO BLOCK OFF ROADWAY. COORD BUILDINGS 10, 50 AND 56 DURING CONSTRUCTION.
- 10. ONE DELIVERY BAY SHALL REMAIN OPEN AT ALL TIME. COORDINATE WITH VA 11. REMOVE FENCE AND INSTALL TEMPORARY ROADWAY FOR PUBLIC ACCESS WH
- CONSTRUCTION.
- 12. AT COMPLETION OF WORK REINSTALL FENCE AND RESTORE PARKING AREA
- 13. CONTRACTOR SHALL PROTECT ALL LANDSCAPING (TYP. THROUGHOUT CAMPUS CONDITION.

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SUBMIT PHASING PLAN(S) FOR VA/COR APPROVAL. IC ACCESS FROM MONDAY 12:01 AM THROUGH FRIDAY						
E OBSTRUCTED FOR PASSAGE. LL OCCUR ONLY FROM SATURDAY 6:00 AM THROUGH	A					
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	CIP CJ	CAST-IN-PLACE		MO MOD	MASONRY OPENING MODIFY			
	CJP CL	COMPLETE JOINT PE CENTER LINE	NETRATION	MB MTL	MOISTURE BARRIER METAL			
в	CLR CMU	CLEAR CONCRETE MASONR	Y UNIT	N				
	CO COL	CONTRACTING OFFIC	CER	N	NORTH			
	CONC			NA NIC	NOT APPLICABLE NOT IN CONTRACT			
	CUR CULET		JER 5 REPRESENTATIVE		NEAR SIDE NOT TO SCALE NORMAL WEIGHT			
	D			0	-			
	DAS	DEFORMED ANCHOR	STUD	OC	ON CENTER			
	DEMO DBL	DEMOLITION DOUBLE		OH OPNG	OPPOSITE HAND OPENING			
	DTL DIA/Ø	DETAIL DIAMETER		OPP OSB	OPPOSITE ORIENTED STRAND BOARD			
	DIM DIR	DIMENSION DIRECTION		ORIG	ORIGINAL			
	DWG	DRAWING		P	POWDER ACTUATED FASTENER			
с	E	-		PCC PCF	PRECAST CONCRETE POUNDS PER CUBIC FOOT			
	(E) EA	EXISTING EACH		PERIM PL	PERIMETER PLATE			
	EF EJ	EACH FACE EXPANSION JOINT		PLUMB PLYWD	PLUMBING PLYWOOD			
	EL ELEC			PSF PSI	POUNDS PER SQUARE FOOT POUNDS PER SQUARE INCH			
	EMB EOR ES	ENGINEER OF RECO	RD	0	PRESSURE IREATED			
	ETC EW	ETCETERA EACH WAY		QTY	QUANTITY			
	EQ EXP	EQUAL EXPANSION		R				
	EXT	EXTERIOR		RBM	REINFORCED BRICK MASONRY			
	F			RC REF	REINFORCED CONCRETE REFERENCE			
	FDIN FF FOC	FOUNDATION FINISH FACE		REINF	REINFORCEMENT REVISION(S)			
D	FOM	FACE OF MASONRY		S				
	FOW FRMG	FACE OF WALL FRAMING		SC SCHED	SLIP CRITICAL SCHEDULE			
	FSTNR FT	FASTENER FEET		SDC SEOR	SEISMIC DESIGN CATEGORY STRUCTURAL ENGINEER OF RECO	ORD		
	FIG	FOOTING		SF SHT SIM	SQUARE FOOT SHEET SIMILAR			
51 PM	G	- GAGE GAUGE		SIM	SNOW LOAD SLAB ON GRADE			
122 3:43:	GALV GC	GALVANIZED GENERAL CONTRAC	TOR	SPEC SQ	SPECIFICATION SQUARE			
3/10/20	GR BM	GRADE BEAM		SQ IN SQ YD	SQUARE INCH SQUARE YARD			
	Н			STD STL	STANDARD STEEL			
	HAS HDAR HORIZ	HEADED ANCHOR ST HEADED ANCHOR RC	DD DD	Т				
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E	۱			TL TN	TOTAL LOAD TRUE NORTH			
	IBC IN	INTERNATIONAL BUI	LDING CODE	TO TOB	TOP OF TOP OF BEAM			
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Revisions:

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W	<u>CO</u>	DDE AND DESIGN CRITERIA		<u>GENERAL NOTES</u>		SUBMITTAL NOTES	
W STEEL WIDE FLANGE	1.	BUILDING CODES: a. LATEST EDITION OF U.S. DEPARTMENT (OF VETERANS AFFAIRS DESIGN	 THE PROJECT SPECIFICATIONS ARE A PART OF THE THE CONTRACTOR SHALL EXAMINE ALL DRAWINGS A 	CONTRACT DOCUMENTS. AND EXISTING	 SEE THE PROJECT SPECIFICATIONS SUBMITTALS SHALL NOT CONTAIN S 	FOR DETAILED REQUIREMENTS. UBSTITUTION REQUESTS WITHOUT PRIOR
W/ WITH W/C WATER CONTENT W/O WITHOUT		 GUIDES, STANDARDS AND MANUALS b. INTERNATIONAL BUILDING CODE (IBC) - 2 	2021 RUCTION (AISC) STEEL	CONDITIONS/DIMENSIONS. THE CONTRACTOR SHALL CONTRACTING OFFICER OF ANY DISCREPANCIES BE	NOTIFY THE FORE PROCEEDING WITH	AUTHORIZATION. SUBSTITUTION REC CONVENIENCE. THEY SHALL BE RES	QUESTS ARE FOR CONTRACTOR'S PONSIBLE FOR ALL CHANGES
WL WIND LOAD WT WEIGHT		d. AMERICAN INSTITUTE OF STEEL CONSTR CONSTRUCTION MANUAL - 15th EDITION	ROCTION (AISC), STEEL	 THE DRAWINGS AND SPECIFICATIONS REPRESENT 1 STRUCTURE, THEY DO NOT INDICATE THE METHOD (THE COMPLETED	DETAILS. COST OF ADDITIONAL FIEL REQUESTS BY THE CONTRACTOR F(D AND OFFICE WORK NECESSITATED BY OR A SUBSTITUTION REQUEST OR DUE TO
WWF WELDED WIRE FABRIC		LOADS AND ASSOCIATED CRITERIA FOR STRUCTURES - 2016		CONTRACTOR SHALL PROVIDE ALL MEASURES AND PROTECT PERSONS AND STRUCTURES DURING CON	MEANS NECESSARY TO ISTRUCTION. SUCH	ERRORS OR OMISSIONS IN CONSTRUCTION CONTRACTOR.	JCTION SHALL BE BORNE BY THE
Y YD YARD		e. AMERICAN CONCRETE INSTITUTE (ACI) 3 REQUIREMENTS FOR STRUCTURAL CON	318, BUILDING CODE ICRETE - 2019 ONAL DESIGN SPECIFICATION	MEASURES SHALL INCLUDE, BUT NOT BE LIMITED TO ETC. OBSERVATION BY THE ARCHITECT, ENGINEER OFFICER DOES NOT INCLUDE REVIEW OF THESE ME) BRACING, SHORING, OR CONTRACTING	3. DELEGATED DESIGN SUBMITTALS: a. THE CONTRACTOR SHALL EMP	LOY OR RETAIN A PROFESSIONAL
		g. THE MASONRY SOCIETY (TMS) 402/602, E	3 BUILDING CODE REQUIREMENTS	4. NOTES AND DETAILS ON THE STRUCTURAL DRAWING OVER GENERAL NOTES. TYPICAL DETAILS SHALL BE	GS TAKE PRECEDENCE USED WHENEVER	TO DESIGN AND DETAIL DELEG PERFORMANCE AND DESIGN (ATED DESIGN ITEMS TO MEET THE RITERIA ESTABLISHED AS PART OF THE
		FOR MASONRY STRUCTURES AND SPEC STRUCTURES - 2016	FICATION FOR MASONRY	APPLICABLE. REFER TO SPECIFICATIONS FOR ADDIT5. ALL WORK NOT DETAILED OR NOTED SHALL BE CON	IONAL INFORMATION. STRUCTED IN	BASE BUILDING STRUCTURE. D i. RAILINGS AND HANDRAIL)ELEGATED DESIGN ITEMS INCLUDE: _S
	2.	a. RISK CATEGORY: DESIGN LOADS BUILDING 51	IV	ACCORDANCE WITH OTHER SIMILAR WORK SHOWN TYPICAL DETAILS.	ON THE DRAWINGS AND	ii. METAL STAIRS iv. CFMF TRUSS vii ANCHORAGE BRACING (AND ATTACHMENT OF REQUIRED
		a. FLOOR 1. LIVE LOAD:	100 PSF	 NO PIPES OR DUCTS SHALL BE PLACED IN OR PENE MEMBERS UNLESS SPECIFICALLY DESIGNED AND DE 	TRATE STRUCTURAL ETAILED.	ARCHITECTURAL, MECHA SPRINKLER, AND OTHER	ANICAL, ELECTRICAL, PLUMBING, FIRE EQUIPMENT AND SYSTEMS.
		 b. ROOF 1. SUPERIMPOSED DEAD LOAD: 	20 PSF	8. STRUCTURAL DRAWINGS TO BE USED IN CONJUNCT ARCHITECTURAL, MECHANICAL, PLUMBING, ELECTRI	ION WITH CAL, AND CIVIL	b. CONNECTION OF DEFERRED S ¹ STRUCTURE BY DEFERRED SU	UBMITTAL ITEMS TO PRIMARY JBMITTAL SUPPLIER. DEFERRED
	4.	a. BASIC WIND SPEED: 125 MPH (ULTIMA	TE) 96.8 MPH (ALLOWABLE)	 9. REFER TO ARCHITECTURAL DRAWINGS FOR THE FO a. SIZE AND LOCATION OF DOOR AND WINDOW OF 	LLOWING: PENINGS, EXCEPT AS	ARRANGEMENT TO AVOID LOA THE ELEMENT BEING ATTACHE	DING WHICH EXCEEDS THE CAPACITY OF
		b. EXPOSURE:c. SURFACE ROUGHNESS:	B B	 b. SIZE AND LOCATION OF INTERIOR AND EXTERI 	OR NONBEARING	c. ALL DEFERRED SUBMITTALS TO STRUCTURE WITH A PINNED C	O BE ATTACHED TO PRIMARY ONNECTION. MOMENT CONNECTIONS TO
		 d. INTERNAL PRESSURE COEFFICIENT (GC e. DESIGN WIND PRESSURES FOR COMPO DESIGNED BY THE CONTRACTOR: 	pi): ± 0.18 NENTS AND CLADDING	C. SIZE AND LOCATION OF CURBS, FLOOR DRAINS	S, SLOPES, DEPRESSED	PRIMARY STRUCTURE NOT PER OR APPROVED BY ENGINEER I	RMITTED UNLESS NOTED ON DRAWINGS N WRITING PRIOR TO SUBMITTAL OF
		1. LISTED PRESSURES ARE INCLUDE BASED ON A TRIBUTARY AREA OF	D FOR REFERENCE ONLY 10 SF. FINAL CALCULATIONS	ETC. d. SIZE AND LOCATION OF FLOOR AND ROOF OPE	ENINGS IF NOT	d. LOADING AND LOCATION FOR / ITEMS ARE NOTED ON DRAWIN	ATTACHMENT OF DEFERRED SUBMITTAL
		2. SHALL BE COMPLETED BY THE CO WALL PRESSURES	NTRACTOR.	e. FLOOR AND ROOF FINISHES.		e. METAL STUD FRAMING AND FF	N APPROVAL. XAMING ATTACHMENT IS DESIGNED FOR
		1. INTERIOR ZONE (4) = 2. CORNER ZONE (5) =	-29 PSF, +26 PSF -35 PSF, +26 PSF	f. STAIR FRAMING AND DETAILS EXCEPT AS SHO g. DIMENSIONS NOT SHOWN ON STRUCT DWGS	WN HEREIN.	THE TRIBUTARY WIND AND GR CLADDING SUPPLIER TO DESIC	AVITY LOAD OF THE STUD SPACING. 3N CLADDING TO ATTACH AT EACH STUD.
		1. POSITIVE ALL ZONES = 2. INTERIOR ZONE 1 =	16 PSF -33 PSF	FOLLOWING: a. PIPE RUNS, SLEEVES, HANGERS, EQUIPMENT,	SLAB OPENINGS, NOT	IS NOT ACCEPTABLE WITHOUT SUPPLIER/DESIGNER AND THE	APPROVAL FROM THE METAL STUD
		3. EDGE ZONE 2 = 4. CORNER ZONE 3 =	-40 PSF -69 PSF	SHOWN OR NOTED HEREIN. b. ELECTRICAL CONDUIT, BOXES, OUTLETS.	, -	SUPPLIER DOES NOT WANT OF LOADS FROM THE CLADDING S	R CANNOT ATTACH TO EACH STUD THE SUPPLIER MUST BE PROVIDED TO THE
	5.	SEISMIC DESIGN DATA a. SEISMIC IMPORTANCE FACTOR (Ie): b. Ss:	1.5 0.059a	c. CONCRETE INSERTS FOR ELECTRICAL, MECHA FIXTURES. d. SIZE AND LOCATION OF MACHINE AND FOUNDA	INICAL, AND PLUMBING	METAL STUD FRAMING SUPPLI WILL NEED TO INCORPORATE	EK. THE METAL STUD FRAMING SUPPLIER THESE LOADS INTO THE METAL STUD
		c. S1: d. SITE CLASS:	0.019g D	CONTRACTOR'S ENGINEER SHALL DESIGN SEI MECHANICAL AND ELECTRICAL EQUIPMENT PE	SMIC ANCHORAGE FOR R SPEC.	FRAMING SUPPLIER AND CLAD f. WALLS, GRADE BEAMS AND TH	DING SUPPLIER AS REQUIRED. 1E UNDERSIDE OF CONCRETE ON METAL
		e. Sds: f. Sd1:	0.062g 0.03g	 ASTM REFERENCES ARE FOR LATEST REVISIONS AN CONTRACTOR SHALL INVESTIGATE THE SITE DURING 	ID ISSUE, UON. G CLEARING AND	DECK SHALL BE CONSIDERED	CRACKED FOR THE PURPOSE OF FACHMENT OF DEFERRED SUBMITTAL
		 g. SEISMIC DESIGN CATEGORY: h. BUILDING 51 ANALYSIS PROCEDURE: EQUIVALE 	A ENT LATERAL FORCE	UNDOCUMENTED FILLS, BURIED STRUCTURES, UTILI	TIES, ETC, SHALL DE ANY SITE CONDITIONS	g. POWDER ACTUATED FASTENE	RS (PAF) INTO CONCRETE OR CMU SHALL
		SEISMIC FORCE RESISTING SYSTE MASONRY SHEAR WALLS	EM: INTERMEDIATE REINFORCED	NOT REFLECTED ON THE DRAWINGS OR DIFFERENT MINIMUM DIMENSIONS INDICATED, INCLUDING CONF	FROM MAXIMUM OR LICT IN GRADES,	FASTENERS SHALL NOT BE US INCLUDE BRICK VENEER.	ED TO RESIST GRAVITY LOADS WHICH
		 RESPONSE MODIFICATION FACTOR OVERSTRENGTH FACTOR (Ω): DEELECTION AMPLIFICATION FACT 	R (R): 3.5 2.5 FOR (C.): 2.25	ADVERSE SOIL CONDITIONS, GROUND WATER PRES FOOTINGS, UNCOVERED AND UNEXPECTED UTILITY	ENT, DEEPENED LINES, ETC.	REINFORCING STEEL NOTE	<u>ES</u>
		 BEFEECTION AMPEINCATION FACT SEISMIC RESPONSE COEFFICIENT BASE SHEAR = 	$C(C_s) = 0.027$ 1 KIP	STRUCTURAL FRAME SUCH THAT THE LOADING DOE DESIGN LIVE LOADS. PROVIDE SHORING AND BRACI	S NOT EXCEED THE	1. ALL REINFORCING STEEL SHALL B	E DETAILED AND PLACE IN ACCORDANCE
	6.	SNOW DESIGN DATA a. GROUND SNOW LOAD:	50 PSF	STRENGTH HAS NOT BEEN ATTAINED OR STRUCTUR 14. THE CONTRACTOR SHALL DETERMINE THE LOCATIO	E IS NOT COMPLETE. N OF UTILITY SERVICES	(ACI 318) AND THE "MANUAL OF ST/ CONCRETE CONSTRUCTION" CRSI	ANDARD PRACTICE FOR REINFORCED AND WCRSI AS MODIFIED BY THE PROJECT
		 b. SNOW IMPORTANCE FACTOR (IS): c. SNOW EXPOSURE FACTOR (Ce) = d. THERMAL FACTOR (Ct) = 	1.2 1.2 1.0	IN AREAS TO BE EXCAVATED BEFORE BEGINNING EX CAUTION IN EXCAVATING AND TRENCHING.	CAVATION. EXERCISE	DRAWINGS AND SPECIFICATIONS. 2. DEFORMED REINFORCING BARS SI	HALL CONFORM THE TO THE
		e. SLOPED ROOF FACTOR (Cs) = f. FLAT ROOF SNOW LOAD =	1.0 50 PSF	AND SHALL NOT BE RESPONSIBILITY FOR, CONSTRU TECHNIQUES, SEQUENCES OR PROCEDURES, FOR S	CTION MEANS, METHODS, GAFETY PRECAUTIONS	3. WELDING OF REINFORCING SHALL	ADE 60. BE WITH LOW HYDROGEN ELECTRODES IN
	_	g. MIN UNIFORM ROOF SNOW LOAD = h. FOR DESIGN SNOW DRIFTS SEE 4/S-51-	50 PSF 501	AND PROGRAMS IN CONNECTION WITH THE WORK, I OMISSIONS OF THE CONTRACTOR, SUB-CONTRACTO	FOR THE ACT OF DRS OR ANY OTHER	REINFORCING STEEL, ETC." AMERI WELDING OF REINFORCING STEEL	CAN WELDING SOCIETY (AWS) AWS D1.4 . IS LIMITED TO A706 REBAR.
	7.	a. DESIGN DATA a. DESIGN RAIN INTENSITY =	3.25 INCHES PER HOUR	PERSONS PERFORMING ANY OF THE WORK, OR FOF THEM TO CARRY OUT THE WORK IN ACCORDANCE V	THE FAILURE OF ANY OF	 NO REINFORCING BAR BENDS SHA WELDED WIRE FABRIC SHALL CON 	LL BE MADE UNLESS A706 REBAR. FORM TO ASTM A1064 GR. 65
	FO	DUNDATION NOTES		16. CONTRACTOR'S CONSTRUCTION AND ERECTION SECONSIDER THE EFFECTS OF THERMAL MOVEMENTS	QUENCE SHALL OF STRUCTURAL	 MINIMUM LAP OF WELDED WIRE FA MESH AND ONE HALF, WHICH EVEF SPLICES SHALL BE MADE WHERE ! 	RIC SHALL BE 6 INCHES OR ONE FULL RIS GREATER.
	1.	FOUNDATION DESIGN IS BASED ON THE GEOT REPORT PREPARED BY NORTHERN TECHNOL	ECHNICAL EVALUATION OGIES, LLC, DATED JULY 1, 2014	ELEMENTS DURING THE CONSTRUCTION PERIOD. 17. VERIFY ALL OPENING DIMENSIONS THROUGH FLOOP	R, ROOF, AND WALLS	DRAWINGS. IF NOT INDICATED SPL AND TOP BARS AT MIDSPAN. MAKE	ICE BEAM BOTTOM BARS OVER SUPPORTS BAR CONTINUOUS AROUND CORNERS
		(PROJECT # 14-12536.100) a. FOOTINGS:		18. STRUCTURAL ELEMENTS ARE CENTERED ON GRID L INTERSECTIONS UNLESS DIMENSIONED OTHERWISE	S. INES AND GRID LINE	 UON. ALL SPLICES TO BE CONTACT 8. DOWELS BETWEEN FOOTINGS ANI CRADE SIZE SPACING AND NUME 	TENSION SPLICE (CLASS B) UON. WALLS OR COLUMNS SHALL BE THE SAME
		ALLOWABLE BEAKING PRESSURE ALLOWABLE ALLOWABLE BEAKING PRESSURE ALLOWABLE A	$= 2000 PSF$ $= 2'-0" \times 2'-0"$ WIDTH = 1'-6"	19. NOTIFY ARCHITECT OF ANY CONDITIONS NOT CONS CONTRACT DOCUMENTS PRIOR TO PROCEEDING WI	TRUCTED PER THE TH CORRECTIVE WORK.	REINFORCING, UNLESS NOTED OT	HERWISE.
		4. ULTIMATE COEFFICIENT OF FRICT = 0.55	ION TO RESIST LATERAL LOADS	20. NOTHING SHOWN ON THE STRUCTURAL DRAWINGS	ACCEPTANCE. SHALL BE CONSTRUED		
	2.	5. FROST DEPTH TO BOTTOM OF FOU SOIL BEARING PREPARATIONS FOR FOOTING	JNDATION = 5'-0" S SHALL BE APPROVED BY THE G THE CONCRETE AND	OSHA REQUIREMENTS. WHERE THE STRUCTURAL DI CONFLICT WITH OSHA REQUIREMENTS, THE STRUCT	RAWINGS APPEAR TO FURAL DRAWINGS		
		REINFORCING. THE CONTRACTOR SHALL NOT ENGINEER WHEN THE EXCAVATIONS ARE REA	ADY FOR INSPECTION. THE	 REPRESENT FINAL CONDITIONS ONLY. 21. THE CONTRACT DOCUMENTS HAVE BEEN PREPAREI DRAWINGS AND SITE OBSERVATION AS REPAILTED 	D USING AVAILABLE		
	2	GEOTECHNICAL ENGINEER SHALL SUBMIT A L OWNER.	ETTER OF COMPLIANCE TO THE	RESTRICTIONS DURING DESIGN. DURING CONSTRUCTIONS PERMITTED	TION, THE CONTRACTOR		
	0.	SHALL BE INSPECTED BY THE SOILS ENGINEE ALLOWABLE SOIL BEARING PRESSURE AND T	R TO VERIFY ASSUMED	VARIANCE WITH PROJECT DOCUMENTATION. CONTR THE ARCHITECT OF ALL CONDITIONS NOT PER THE (ACTOR SHALL NOTIFY CONTRACT DOCUMENTS.		
	4.	RECOMMENDATIONS. CONTRACTOR SHALL PROVIDE FOR PROPER I	DEWATERING OF EXCAVATIONS	22. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING ST PRIOR TO SUBMITTING SHOP DRAWINGS.	THE RESOLUTION OF		
	5.	ALL EXCAVATIONS SHALL BE PROPERLY BACK	EPAGE, ETC. (FILLED. DO NOT PLACE CONCRETE OR MASONRY HAS	23. SUBMIT A DIMENSIONED DRAWING OF ALL NEW OPE	CHEDULE. NINGS THROUGH		
		ATTAINED FULL DESIGN STRENGTH. CONTRAC PROTECT ALL BUILDING AND PIT WALLS BELO	CTOR SHALL BRACE OR W GRADE FROM LATERAL	EXISTING STRUCTURE AND SECURE APPROVAL PRIC OPENING MAY BE EITHER SHOWN ON THE CONTRAC DRODOSED BY THE CONTRACTOR DRAWING SHALL	OR TO CUTTING. NEW T DOCUMENTS OR		
		LOADS UNTIL ATTACHING FLOORS ARE COMP ACHIEVED FULL DESIGN STRENGTH. CONTRA DESIGN PERMITS AND INSTALLATION OF SUC	LETELY IN PLACE AND HAVE CTOR SHALL PROVIDE FOR CH BRACING AND PROTECTION	a. VERTICAL & HORIZONTAL LOCATION AND SIZE b. ALL EXISTING OPENINGS IN THE VICINITY OF T	OF NEW OPENING(S) HE NEW OPENING(S)		
	6.	FOOTING BACKFILL AND UTILITY TRENCH BAC PERIMETER SHALL BE MECHANICAL COMPAC	CKFILL WITHIN THE BUILDING TED IN LAYERS, TO THE	c. ALL EXISTING STRUCTURE (BEAMS, COLUMNS, THE VICINITY OF THE NEW OPENING(S)	SLABS, WALLS, EÌĆ) IN		
	_	APPROVAL OF THE GEOTECHNICAL ENGINEER PERMITTED.	R, FLOODING WILL NOT BE	u. ALL REINFORCING BAR SIZES AND POSITIONS DEPTH) CONFLICTING WITH OR IN THE VICINIT' OPENING(S).	Y OF THE NEW		
	7. 8.	SEE PLAN FOR TOP OF FOOTING ELEVATIONS AND LOWER FOOTINGS AS REQUIRED TO BFA	CONTRACTOR SHALL VERIFY R ON PROPER BEARING	24. SEE ARCHITECTURAL PLANS FOR INTERIOR PARTITI SHALL BE CONNECTED TO THE PRIMARY STRUCTUR	ONS. PARTITION FRAMING E IN SUCH A WAY SO AS		
		STRATUM.		TO ALLOW FOR VERTICAL LIVE LOAD DEFLECTIONS FRAMING. DO NOT MAKE RIGID VERTICAL AND HORIZ THE PRIMARY STRUCTURE IN THE PLANE OF THE PA	OF 1 1/2" AT ROOF CONTAL CONNECTIONS TO RTITION.		
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Calibre Engineering, Inc.	-Bancil	700 Nicholas Blvd. Suite 300 Elk Grove Village, IL 60007 T: 847.952.9362	Management	Approved: Project Director SHFFT 21 OF 279		Location FARGO VA HEAL	TH CARE SYSTEM
Highlands Ranch, CO 80129 (303) 730-0 www.calibre-engineering.com	0434 BANCROFT ARCHITECTS + ENGINEERS VA CONTRACT NO. VA244-17-D-0029	www.bancroft-ae.com BAE PROJECT NO. 18-121	U.S. Departmen			NKLERED Issue Date Cł	necked Drawn S-001
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- ALL PHASES OF WORK PERTAINING TO THE CONCRETE CONSTRUCTION SHALL CONFORM TO THE "BUILDING CODE FOR REINFORCED CONCRETE" ACI 318, AND THE "SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS", ACI 301, LATEST EDITIONS, WITH MODIFICATIONS AS NOTED ON
- THE DESIGN DRAWINGS OR SPECIFICATIONS. CONCRETE MIXES SHALL BE SUBMITTED FOR REVIEW, DESIGNED BY A QUALIFIED TESTING LABORATORY AND SHALL BEAR THE SEAL OF AN ENGINEER LICENSED IN THE UNITED STATES.
- AGGREGATE FOR HARD ROCK CONCRETE SHALL CONFORM TO ALL REQUIREMENTS AND TESTS OF ASTM C33 AND PROJECT SPECIFICATIONS EXCEPTIONS MAY BE USED ONLY WITH PERMISSION OF THE STRUCTURAL
- ENGINEER THROUGH THE COR. CONCRETE MIXING OPERATIONS, ETC. SHALL CONFORM TO ASTM C95. PLACEMENT OF CONCRETE SHALL CONFORM TO ACI 305 "HOT WEATHER
- CONCRETING" AND ACI 306 " COLD WEATHER CONCRETING" WHEN APPLICABLE. CLEAR COVERAGE OF CONCRETE OVER REINFORCING BARS TO BE AS FOLLOWS:

CONCRETE PLACEMENT CONDITION:	CONCRETE COVER
CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH	3"
CONCRETE EXPOSED TO EARTH OR WEATHER, #6 THROUGH #18 BAR	2"
CONCRETE EXPOSED TO EARTH OR WEATHER, #5 BAR AND SMALLER	1 1/2"
CONCRETE NOT EXPOSED TO WEATHER OR IN CONTACT WITH EARTH:	
SLABS, WALLS, AND JOISTS, #14 AND #18 BAR	1 1/2"
SLABS, WALLS, AND JOISTS, #11 BAR AND SMALLER	3/4"
BEAMS, COLUMNS (PRIMARY REINF., TIES, STIRRUPS, SPIRALS)	1 1/2"
SLABS ON GRADE (FROM TOP)	1 1/2"

- ALL REINFORCING BARS, ANCHOR BOLTS, AND OTHER CONCRETE INSERTS SHALL BE WELL SECURED IN POSITION PRIOR TO PLACING CONCRETE MECHANICAL PIPES AND ELECTRICAL CONDUITS WHICH PASS THROUGH SLAB ON GRADE, CONCRETE ON STEEL DECK, FRAMED CONCRETE FLOORS AND WALLS DO NOT REQUIRE SLEEVES, UNLESS OTHERWISE INDICATED IN THE PROJECT SPECIFICATIONS, MECHANICAL OR ELECTRICAL DRAWINGS. IF SLEEVES ARE REQUIRED, INSTALL SLEEVES BEFORE PLACING CONCRETE DO NOT CUT ANY REINFORCING WHICH MAY INTERFERE WITH SLEEVE PLACEMENT. CORING OPENINGS IN CONCRETE IS NOT PERMITTED. NOTIFY THE STRUCTURAL ENGINEER IN ADVANCE OF CONDITIONS NOT SHOWN ON THE STRUCTURAL DRAWINGS. NO PIPES ELECTRICAL CONDUIT SHALL PASS THROUGH CONCRETE BEAMS OR COLUMNS UNLESS SPECIFICALLY DETAILED.
- ANY CONDUIT INCLUDING JUNCTION BOXES INTENDED TO RUN WITH STRUCTURAL ELEMENTS INCLUDING SLABS, BEAM, & COLUMNS MUST BE SUBMITTED TO COR AND SEOR FOR APPROVAL PRIOR TO PLACING IN THE FIELD. CONTRACTOR SHALL ACCOUNT FOR ADDITIONAL REINFORCING NEEDED IF CONDUIT AND RECESSED BOXES ARE USED.
- 10. PROJECTING CORNERS OF BEAMS, WALLS, COLUMNS, ETC., SHALL BE FORMED WITH A 3/4 IN. CHAMFER, UNLESS OTHERWISE NOTED ON ARCHITECTURAL DRAWINGS.
- 11. MINIMUM STRENGTH FOR REMOVAL OF FORMS AND SHORING SHALL BE 75% OF SPECIFIED STRENGTH AT 28 DAYS. MINIMUM TIME IS 7 DAYS FROM PLACEMENT
- 12. ALL CONCRETE NOT SPECIFICALLY SHOWN WITH REINFORCEMENT SHALL BE REINFORCED IN THE SAME MANNER AS SIMILAR CONDITIONS OR WITH **REINFORCEMENT MEETING THE MINIMUM REQUIREMENTS OF ACI-318** 13. CONCRETE SLAB SHALL BE WET MAT, MOIST CURED FOR A MINIMUM OF 7 DAYS
- 14. VERIFY ALKALINITY OF CONCRETE SURFACE, SLAB VAPOR TRANSMISSION AND SLAB FLATNESS/LEVELNESS ARE COMPATIBLE WITH FLOORING SYSTEM AND ADHESIVES PRIOR TO INSTALLING FLOORING
- 15. CURING COMPOUNDS USED ON CONCRETE THAT IS TO RECEIVE A RESILIENT FINISH SHALL BE APPROVED BY THE FINISH APPLICATOR BEFORE USE. 16. TAKE PRECAUTIONS TO MINIMIZE SLAB CURLING. GRIND SLAB OR USE LEVELING COMPOUND IF FLOOR FLATNESS AND LEVELNESS VALUES ARE
- NOT ACCEPTABLE TO THE ARCHITECT. 17. CONCRETE CONSTRUCTION JOINT SURFACE SHALL BE CLEANED AND ALL LAITANCE AND LOOSE MATERIAL REMOVED PRIOR TO SECOND CONCRETE PLACEMENT.

	C	ONCRETE	E MIX	TABL	E		
			MAX.	MAX.	AIR		
	f'c	CONCRETE	W/C	AGG.	CONTENT	EXPOSURE	OTHER
USE	(KSI)	WEIGHT	RATIO	(IN)	(%)	CLASS	NOTES
FOOTINGS	3	NWT	-	1	-	F0, S0, W0, C0	-
STEM WALLS, GRADE BEAMS	4	NWT	0.55	3/4	5	F1, S0, W0, C0	-
INTERIOR SLAB ON GRADE	3.5	NWT	-	3/4	-	F0, S0, W0, C0	SVT
CONCRETE EXPOSED TO	4.5	NWT	0.4	3/4	6	F3, S0, W0, C2	CNA
WEATHER OR DEICERS							
SLABS ON DECK OR INTERIOR	3.5	NWT	0.5	3/4	-	F0, S0, W0, C0	-

TOPPING SLABS MIX TABLE NOTES

- CEMENT TYPE TO BE TYPE I/II UNLESS OTHERWISE NOTED. CONTRACTOR TO PROVIDE SLUMP AS NEEDED FOR WORKABILITY AND CONSISTENCY TO BE PLACED INTO FORMS AND AROUND REINFORCEMENT WITHOUT SEGREGATION OR EXCESS BLEEDING. USE ADMIXTURES AS REQUIRED TO OBTAIN DESIRED RESULTS. NORMAL WEIGHT (NWT) CONCRETE SHALL HAVE A DRY DENSITY OF 145 ± 5 PCF AIR CONTENT SHALL BE ± 1 1/2% FROM REQUIRED VALUES. DO NOT PROVIDE AIR
- ENTRAINING ADMIXTURES TO ANY INTERIOR SLABS UNLESS CONTRACTOR CAN DEMONSTRATE TO ARCHITECT THAT SLABS WITH ENTRAINED AIR WILL HAVE
- ACCEPTABLE FINISH. EXPOSURE CLASS DEFINITION PER ACI301/318. CONTRACTOR TO PROVIDE MIXES THAT MEET THESE REQUIREMENTS. FOR CORROSION PROTECTION OF REINFORCING (C0, C1, C2) PROVIDE MAXIMUM CHLORIDE ION CONTENT IN CONCRETE (%/WT) OF C0 = 1.0, C1 =
- 0.3, C2 = 0.15). FOR SLABS ON GRADE, REQUIRED MINIMUM FLEXURAL STRENGTH = $6.7\sqrt{fc}$. OTHER NOTES ADDITIONAL INFO:
 - CNA = CALCIUM NITRATE CORROSION INHIBITING ADMIXTURE (XX GALLONS PER CUBIC YARD). SVT = CONTRACTOR SHALL PROVIDE CONCRETE WITH REDUCED WATER IN ORDER TO ACHIEVE THE SLAB VAPOR TRANSMISSION REQUIRED FOR THE SPECIFIED FLOORING MATERIALS

ARCHITECT/ENGINEE	R OF RECORD	STAMP	
	1	ADO LICENST	Co
h $\lesssim V$		CHARLES P	anc
-Bancil	700 Nicholas Blvd. Suite 300 Elk Grove Village, IL 60007 T: 847.952.9362	Edward Salar	Ma
BANCROFT ARCHITECTS + ENGINEERS VA CONTRACT NO. VA244-17-D-0029	www. bancroft-ae.com BAE PROJECT NO. 18-121	SSIONAL ENGLAS	

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POST-INSTALLED ANCHOR NOTES

	SUBSTITUTION REQUEST OR COMPENSATE C	ALIBRE TO PERFORM
	ENGINEERING VALIDATION THAT SUBSTITUTE	D ANCHOR IS ACCEPTABLE.
2	CONTRACTOR SHALL ARRANGE AN ANCHOR M	ANUFACTURER'S
	REPRESENTATIVE TO PROVIDE ONSITE INSTA	LI ATION TRAINING FOR ALL OF
		SE FRIOR TO THE
2 2		
J.	ANCHORS DED ASTME400 TEST 400/ TOTAL	
	ANCHORS PER ASTM E488. TEST 10% TOTAL C	OVERHEAD ADHESIVE
	ANCHURS.	
4.	TORQUE TEST 100% OF EXPANSION, SLEEVE,	AND SCREW ANCHORS TO 100%
_	OF INSTALLATION TORQUE SHOWN IN PRODU	
5.	INSTALL ANCHORS IN ACCORDANCE WITH CO	NTRACT DOCUMENTS AND THE
	CURRENT MANUFACTURER'S PUBLISHED INST	ALLATION INSTRUCTIONS.
6.	LOCATION THROUGH NON-DESTRUCTIVE MEA	NS AND AVOID ALL EXISTING
	REINFORCING PRIOR TO INSTALLATION OF AN	CHORS. IF EXISTING LAYOUT
	CONFLICTS WITH PROPOSED ANCHORS, CON	TACT EOR FOR REVISED
	LAYOUT.	
7.	ANCHORS INSTALLED IN MASONRY SHALL BE	INTO FULLY GROUTED CELLS
	FOR LOCATION OF ANCHOR AND ONE CELL A	BOVE. BELOW. AND ADJACENT
	TO ANCHOR UNI ESS NOTED OTHERWISE	
8	ADHESIVE ANCHOR BASIS OF DESIGN	
	a CONCRETE HILTLHIT-RE 500	V3
	h MASONRY: HILTLHY-270	v0
0		
9.		7
		- /
		- <u>-</u>
	b. EXPANSION BOLT: HILTI KWIK BOLT	TZ2
ст	b. EXPANSION BOLT: HILTI KWIK BOLT	TZ2
<u>ST</u>	b. EXPANSION BOLT: HILTI KWIK BOLT RUCTURAL STEEL NOTES	TZ2
<u>ST</u> 1.	b. EXPANSION BOLT: HILTI KWIK BOLT RUCTURAL STEEL NOTES STRUCTURAL STEEL SHALL BE DESIGNED, DE	TZ2 TAILED, FABRICATED, AND
<u>ST</u> 1.	b. EXPANSION BOLT: HILTI KWIK BOLT RUCTURAL STEEL NOTES STRUCTURAL STEEL SHALL BE DESIGNED, DE ERECTED IN ACCORDANCE WITH THE AISC "SI	TZ2 TAILED, FABRICATED, AND PECIFICATION FOR
<u>ST</u> 1.	b. EXPANSION BOLT: HILTI KWIK BOLT RUCTURAL STEEL NOTES STRUCTURAL STEEL SHALL BE DESIGNED, DE ERECTED IN ACCORDANCE WITH THE AISC "SI STRUCTURAL STEEL BUILDINGS" AND "CODE O	TZ2 TAILED, FABRICATED, AND PECIFICATION FOR DF STANDARD PRACTICE FOR
<u>ST</u> 1.	b. EXPANSION BOLT: HILTI KWIK BOLT RUCTURAL STEEL SHALL BE DESIGNED, DE ERECTED IN ACCORDANCE WITH THE AISC "SI STRUCTURAL STEEL BUILDINGS" AND "CODE O STEEL BUILDINGS AND BRIDGES" (LATEST EDI	TZ2 TAILED, FABRICATED, AND PECIFICATION FOR DF STANDARD PRACTICE FOR TION AND SUPPLEMENTS).
<u>ST</u> 1.	b. EXPANSION BOLT: HILTI KWIK BOLT RUCTURAL STEEL SHALL BE DESIGNED, DE ERECTED IN ACCORDANCE WITH THE AISC "SI STRUCTURAL STEEL BUILDINGS" AND "CODE O STEEL BUILDINGS AND BRIDGES" (LATEST EDI STEEL SHAPES	TZ2 TAILED, FABRICATED, AND PECIFICATION FOR DF STANDARD PRACTICE FOR TION AND SUPPLEMENTS). ASTM REQUIREMENTS
<u>ST</u> 1.	b. EXPANSION BOLT: HILTI KWIK BOLT RUCTURAL STEEL SHALL BE DESIGNED, DE ERECTED IN ACCORDANCE WITH THE AISC "SI STRUCTURAL STEEL BUILDINGS" AND "CODE O STEEL BUILDINGS AND BRIDGES" (LATEST EDI STEEL SHAPES WIDE FLANGE SHAPES	TZ2 TZ2 TAILED, FABRICATED, AND PECIFICATION FOR DF STANDARD PRACTICE FOR TION AND SUPPLEMENTS). ASTM REQUIREMENTS A992
<u>ST</u> 1.	b. EXPANSION BOLT: HILTI KWIK BOLT RUCTURAL STEEL SHALL BE DESIGNED, DE ERECTED IN ACCORDANCE WITH THE AISC "SI STRUCTURAL STEEL BUILDINGS" AND "CODE O STEEL BUILDINGS AND BRIDGES" (LATEST EDI STEEL SHAPES WIDE FLANGE SHAPES CHANNELS, ANGLES, PLATES, AND BARS	TZ2 TZ2 TAILED, FABRICATED, AND PECIFICATION FOR DF STANDARD PRACTICE FOR TION AND SUPPLEMENTS). ASTM REQUIREMENTS A992 A36, UON
<u>ST</u> 1.	b. EXPANSION BOLT: HILTI KWIK BOLT RUCTURAL STEEL SHALL BE DESIGNED, DE ERECTED IN ACCORDANCE WITH THE AISC "SI STRUCTURAL STEEL BUILDINGS" AND "CODE O STEEL BUILDINGS AND BRIDGES" (LATEST EDI STEEL SHAPES WIDE FLANGE SHAPES CHANNELS, ANGLES, PLATES, AND BARS PIPE COLUMNS	TZ2 TZ2 TAILED, FABRICATED, AND PECIFICATION FOR DF STANDARD PRACTICE FOR TION AND SUPPLEMENTS). ASTM REQUIREMENTS A992 A36, UON A53 (TYPE E OR S) GRADE B, OR A501
<u>ST</u> 1.	b. EXPANSION BOLT: HILTI KWIK BOLT RUCTURAL STEEL SHALL BE DESIGNED, DE ERECTED IN ACCORDANCE WITH THE AISC "SI STRUCTURAL STEEL BUILDINGS" AND "CODE O STEEL BUILDINGS AND BRIDGES" (LATEST EDI STEEL SHAPES WIDE FLANGE SHAPES CHANNELS, ANGLES, PLATES, AND BARS PIPE COLUMNS SQUARE OR RECTANGULAR TUBING	TZ2 TZ2 TAILED, FABRICATED, AND PECIFICATION FOR DF STANDARD PRACTICE FOR TION AND SUPPLEMENTS). ASTM REQUIREMENTS A992 A36, UON A53 (TYPE E OR S) GRADE B, OR A501 ASTM A500 GRADE C, OR ASTM A501 Fy=46KSI
<u>ST</u> 1.	b. EXPANSION BOLT: HILTI KWIK BOLT RUCTURAL STEEL SHALL BE DESIGNED, DE ERECTED IN ACCORDANCE WITH THE AISC "SI STRUCTURAL STEEL BUILDINGS" AND "CODE O STEEL BUILDINGS AND BRIDGES" (LATEST EDI STEEL SHAPES WIDE FLANGE SHAPES CHANNELS, ANGLES, PLATES, AND BARS PIPE COLUMNS SQUARE OR RECTANGULAR TUBING BEAM TO BEAM OR COLUMN CONNECTION PLATE MATERIAL, INCLUDING: BEARING PLATES, GUSSET PLATES, STIFFENER PLATES, FILLER PLATES, ETC.	TZ2 TZ2 TAILED, FABRICATED, AND PECIFICATION FOR DF STANDARD PRACTICE FOR TION AND SUPPLEMENTS). ASTM REQUIREMENTS A992 A36, UON A53 (TYPE E OR S) GRADE B, OR A501 ASTM A500 GRADE C, OR ASTM A501 Fy=46KSI A36, UON
<u>ST</u> 1.	b. EXPANSION BOLT: HILTI KWIK BOLT RUCTURAL STEEL SHALL BE DESIGNED, DE ERECTED IN ACCORDANCE WITH THE AISC "SI STRUCTURAL STEEL BUILDINGS" AND "CODE O STEEL BUILDINGS AND BRIDGES" (LATEST EDI STEEL SHAPES WIDE FLANGE SHAPES CHANNELS, ANGLES, PLATES, AND BARS PIPE COLUMNS SQUARE OR RECTANGULAR TUBING BEAM TO BEAM OR COLUMN CONNECTION PLATE MATERIAL, INCLUDING: BEARING PLATES, GUSSET PLATES, STIFFENER PLATES, FILLER PLATES, ETC. CONNECTION ANGLE MATERIAL	TZ2 TZ2 TAILED, FABRICATED, AND PECIFICATION FOR DF STANDARD PRACTICE FOR TION AND SUPPLEMENTS). ASTM REQUIREMENTS A992 A36, UON A53 (TYPE E OR S) GRADE B, OR A501 ASTM A500 GRADE C, OR ASTM A501 Fy=46KSI A36, UON
<u>ST</u> 1.	b. EXPANSION BOLT: HILTI KWIK BOLT RUCTURAL STEEL SHALL BE DESIGNED, DE ERECTED IN ACCORDANCE WITH THE AISC "SI STRUCTURAL STEEL BUILDINGS" AND "CODE O STEEL BUILDINGS AND BRIDGES" (LATEST EDI STEEL SHAPES WIDE FLANGE SHAPES CHANNELS, ANGLES, PLATES, AND BARS PIPE COLUMNS SQUARE OR RECTANGULAR TUBING BEAM TO BEAM OR COLUMN CONNECTION PLATE MATERIAL, INCLUDING: BEARING PLATES, GUSSET PLATES, STIFFENER PLATES, FILLER PLATES, ETC. CONNECTION ANGLE MATERIAL BOLTS	TZ2 TZ2 TAILED, FABRICATED, AND PECIFICATION FOR DF STANDARD PRACTICE FOR TION AND SUPPLEMENTS). ASTM REQUIREMENTS A992 A36, UON A53 (TYPE E OR S) GRADE B, OR A501 ASTM A500 GRADE C, OR ASTM A501 Fy=46KSI A36, UON F3125- TYPE A325
<u>ST</u> 1.	b. EXPANSION BOLT: HILTI KWIK BOLT RUCTURAL STEEL SHALL BE DESIGNED, DE ERECTED IN ACCORDANCE WITH THE AISC "SI STRUCTURAL STEEL BUILDINGS" AND "CODE O STEEL BUILDINGS AND BRIDGES" (LATEST EDI STEEL SHAPES WIDE FLANGE SHAPES CHANNELS, ANGLES, PLATES, AND BARS PIPE COLUMNS SQUARE OR RECTANGULAR TUBING BEAM TO BEAM OR COLUMN CONNECTION PLATE MATERIAL, INCLUDING: BEARING PLATES, GUSSET PLATES, STIFFENER PLATES, FILLER PLATES, ETC. CONNECTION ANGLE MATERIAL BOLTS HAS	TAILED, FABRICATED, AND PECIFICATION FOR DF STANDARD PRACTICE FOR TION AND SUPPLEMENTS). ASTM REQUIREMENTS A992 A36, UON A53 (TYPE E OR S) GRADE B, OR A501 ASTM A500 GRADE C, OR ASTM A501 Fy=46KSI A36, UON F3125- TYPE A325 A108

- DRAWINGS IS PROHIBITED WITHOUT PRIOR WRITTEN APPROVAL OF THE ENGINEER OF RECORD. THE STRUCTURAL STEEL FABRICATOR SHALL FURNISH SHOP DRAWINGS OF ALL STRUCTURAL STEEL, FOR REVIEW BEFORE FABRICATION. SHOP
- DRAWINGS SHALL SHOW THE ERECTION PROCEDURES AND DETAILS. SEE SPECIFICATIONS FOR FINISH / PAINTING REQUIREMENTS FOR STRUCTURAL STEEL SURFACES. VERIFY WITH ARCHITECTURAL DRAWINGS
- AND SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS. WELDED JOINTS SHALL CONFORM TO THE PRE-QUALIFIED JOINT DETAILS AS INDICATED IN THE STRUCTURAL WELDING CODE (AWS D1.1) BY THE AMERICAN WELDING SOCIETY
- 6. ALL WELDING SHALL BE BY WELDERS HOLDING CURRENT VALID CERTIFICATES AND HAVING CURRENT EXPERIENCE IN TYPE OF WELD CALLED FOR. WELDING RODS TO BE LOW HYDROGEN TYPE, E70. ALL GROOVE WELDS TO BE FULL PENETRATION UNLESS NOTED OTHERWISE.
- ALL FILLET WELDS TO BE 5/16", CONTINUOUS UNLESS NOTED OTHERWISE WELD LENGTHS CALLED FOR ON PLANS ARE THE NET EFFECTIVE LENGTH REQUIRED. WELD SIZE SHALL BE AISC MINIMUM PER AISC SECTION J2.1b AND J2.2b UNLESS A LARGER SIZE IS NOTED.
- 10. WELDS SHOWN AS FIELD WELDS MUST BE MADE IN THE FIELD UNLESS A SUBSTITUTION REQUEST IS MADE. ALL OTHER WELDS MAY BE MADE IN SHOP OR FIELD AT CONTRACTOR'S OPTION.
- 11. WELD TEST AND INSPECTIONS, SEE SPECIFICATIONS. 12. EXCEPT AS SUBSEQUENTLY NOTED, HIGH STRENGTH BOLTS NEED NOT BE TIGHTENED BEYOND THE SNUG-TIGHT CONDITION, AS DEFINED IN SECTION 8.(c) OF THE SPECIFICATIONS FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS. FOR CONNECTIONS SUBJECT TO DIRECT TENSION, CONNECTIONS FOR BRACED FRAMES, AND OTHER CONNECTIONS SHOWN OR NOTED ON THE PLANS AS SLIP CRITICAL (SC) OR FULLY TENSIONED, BOLTS SHALL BE TIGHTENED BY ONE OF THE METHODS DESCRIBED IN SECTION 8.(d) AND TO THE MINIMUM TENSION SPECIFIED IN SECTION 8.(d), TABLE 4.
- ALL BOLTS NOTED AS 'SC' SLIP CRITICAL SHALL BE WITH A CLASS B FAYING 13. SURFACE UNLESS NOTED OTHERWISE.
- 14. ALL CONNECTION AND MEMBER FORCES SHOWN ARE ULTIMATE UNLESS NOTED OTHERWISE 15. DETAILS INDICATED ON DRAWINGS DO NOT SHOW ERECTION AIDS. PROVIDE
- ERECTION AIDS AS REQUIRED AND REMOVE THEM AFTER WORK IS COMPLETE. 16. WHERE NO CAMBER IS INDICATED, FABRICATE BEAMS SO THAT ROLLING
- CAMBER IS UPWARD AFTER ERECTION. 17. CAMBER SHOWN IS BASED ON THE COMPUTED DEFLECTION OF THE BEAM DUE TO SELF WEIGHT OF CONCRETE PLACED. DESIGN IS BASED ON THE THEORETICAL CONCRETE THICKNESS PLUS 1/2" THICKNESS FOR DECK
- LEVELING AND BEAM DEFLECTION. INCLUDE QUANTITY OF ADDED CONCRETE DUE TO DECK AND BEAM DEFLECTION IN BID. 18. FOR STEEL MEMBERS AND EMBEDMENTS EXPOSED TO WEATHER OR HIGH HUMIDITY ENVIRONMENTS, PROVIDE HOT DIPPED GALVANIZED FINISH OR
- APPROVED ZINC RICH EXTERIOR COATING SYSTEM. 19. PROVIDE HOLES IN ALL STEEL ELEMENTS AS REQUIRED TO PREVENT ANY ACCUMULATION OF WATER. ALL PENETRATIONS ADDED SHALL BE 1 1/8"Ø MAX AND GROUND SMOOTH.

STEEL DECK NOTES

- THE STEEL DECK SHALL BE THE TYPE DRAWINGS. DECK AND ALL ACCESSOR SHEETS CONFORMING TO ASTM STANE GALVANIZED DECK SHALL BE COATED WITH A MINIMUM G60 COATING AS DEF a. GALVANIZED DECK:
- PAINTED DECK:
- GALVANIZED CORRUGATED DECI STEEL DECK UNITS WITH CONCRETE F OR MORE SPANS. ONE SPAN ACCEPTA STEEL DECK UNITS WITH CONCRETE F DECK UNITS SHALL BE SHORED, UNLES DECK UNITS SHALL BE CONTINUOUS O'
- NOTED OTHERWISE. MINIMUM BEARING OF STEEL DECK ON SUPPORTS AND 2" AT EXTERIOR SUPPORT
- SHEETS SHALL BE ATTACHED TO ALL INDICATED ON DRAWINGS AND IN ACCO RECOMMENDATIONS. UPON COMPLETI STEEL DECK AREAS EXPOSED TO WEA CLEANED AND TOUCHED-UP WITH A ZIN SHALL RECEIVE SAME WELDING / ATTAC TRANSVERSE SUPPORT.
- SEE ARCHITECTURAL, MECHANICAL, I LOCATIONS OF ALL DECK OPENINGS, S REQUIREMENTS AT DECK OPENINGS. NOT BE PLACED IN DECK UNLESS SPEC STRUCTURAL DRAWINGS, NOTIFY THE THE COR OF ANY DISCREPANCIES.
- ANCHOR STUDS, SHEAR STUDS, AND D 5. a. SHALL BE MANUFACTURED BY NE EQUAL.
 - HEADED STUDS (SHEAR AND ANC b. CONFORMING TO ASTM A108.
 - c. DEFORMED ANCHORS SHALL BE ASTM A496. STUDS AND ANCHORS SHALL BE MANUFACTURER'S RECOMMEND
 - OF HEADED STUDS AND/OR DEFC PARAGRAPHS 7.5.5 TO 7.5.5.6 INC DELETED. e. COMPOSITE BEAMS ARE DESIGN IN THE WEAK POSITION (Rp = 0.6)
 - FOR PLACEMENT REQUIREMENT

MASONRY NOTES

- STRUCTURAL MASONRY IS DEFINED AS AND/OR SERVING AS PART OF THE LAT STRUCTURAL MASONRY IS SHOWN ON DEFINED IN SCHEDULES AND DETAILS a. SEE ARCHITECTURAL DRAWINGS INCLUDING MASONRY PARTITION
- DEVELOP 2000 PSI COMPRESSIVE STRE USE TYPE S MORTAR UNLESS NOTED
- 4. PROVIDE ASTM A951 PREFABRICATED
- **REINFORCING IN ALL MASONRY AT 16"** PROVIDE LAP SPLICE LENGTHS AS INDI
- GROUT SOLID ALL CELLS CONTAINING 6. ALL OTHER CELLS NOTED ON THE CON

EXISTING BUILDING DEMOLIT

- THE CONTRACTOR IS FULLY RESPONSI OF DEMOLITION AND THE INTEGRITY AN STRUCTURE DURING DEMOLITION. THE SHORING IN REQUIRED LOCATIONS WH WILL BE AFFECTED BY DEMOLITION AC
- CONTRACTOR'S SHORING ENGINEER S LICENSED IN THE STATE WHERE THE F
- THE CONTRACTOR IS RESPONSIBLE FO DAMAGED DURING THE DEMOLITION PI DESIGNED BY AN ENGINEER LICENSED IS LOCATED. COSTS FOR THESE REPAI
- BORNE BY THE CONTRACTOR. ALL EXISTING FRAMING SHOWN IS "FOR PROVIDED AS-BUILT DRAWINGS OR SIT VERIFY ALL ELEMENTS AND MORE DET NOTIFY DESIGN TEAM OF INCONSISTE
- VERSUS THE CONTRACT DOCUMENTS. DO NOT REMOVE MORE OF THE EXISTI DAMAGE, MAR, CUT, OR DEFACE THE R
- TO BE RE-USED. FOR LARGER OPENINGS IN CONCRETE DO NOT OVERCUT CORNERS.

of tion ities	Drawing Title GENERAL STRUCTURAL NOTES	Phase ISSUE FOR BID	Project Title EHRM INFRASTRUC UPGRADES	
artment ars Affairs	Approved: Project Director SHEET 22 OF 279	FULLY SPRINKLERED	Location FARGO VA Issue Date 3/18/2022	HEALTH Check ES

AND GAUGE AS CALLED FOR ON RES SHALL BE FORMED FROM STEEL DARDS AS SHOWN BELOW. IN ACCORDANCE WITH ASTM A924 TINED IN ASTM A653. ASTM A653, SS GRADE 50 (MIN) ASTM A1008, SS GRADE 50 (MIN) ASTM A1008, SS GRADE 50 (MIN) K: ASTM 65, SS GRADE 80 TILL SHALL BE CONTINUOUS OVER TWO BLE AT STOOPS ON FORM DECK. IF TILL SPAN LESS THAN 2 SPANS, THE SS NOTED OTHERWISE. STEEL ROOF VER TWO OR MORE SPANS, UNLESS I SUPPORTS SHALL BE 4" AT INTERIOR ORTS UNLESS NOTED OTHERWISE. SUPPORTING STEEL MEMBERS AS ORDANCE WITH MANUFACTURER'S ON OF ERECTION, ALL WELDS ON	Α
ATHER SHALL BE DE-SLAGGED, NC RICH PRIMER. OPENING EDGES ACHMENT AS REQUIRED FOR LECTRICAL, ETC., FOR SIZES AND SEE TYPICAL DETAILS FOR FRAMING OPENINGS LARGER THAN 12" SHALL CIFICALLY SHOWN ON THE STRUCTURAL ENGINEER THROUGH DEFORMED ANCHORS: ELSON STUD WELDING COMPANY OR CHOR) SHALL BE MADE OF MATERIAL MADE OF MATERIAL CONFORMING TO WELDED ACCORDING TO ATIONS. MANUAL ARC (STICK) WELDING ORMED ANCHORS IS NOT ALLOWED: CLUSIVE, OF THE AWS D1.1 ARE	В
ED ASSUMING STUDS ARE INSTALLED SEE TYPICAL METAL DECK DETAILS S. S S S S S S S S S S S S S	С
IDN NOTES IBLE FOR THE MEANS AND METHODS ND STABILITY OF THE EXISTING CONTRACTOR SHALL PROVIDE HERE EXISTING STRUCTURE TO REMAIN CONTRACTOR SHALL PROVIDE HERE EXISTING STRUCTURE TO REMAIN TIVITIES. HALL BE A PROFESSIONAL ENGINEER PROJECT IS LOCATED. CR REPAIRS TO ANY STRUCTURE ROCESS. THE REPAIR WORK SHALL BE IN THE STATE WHERE THE PROJECT IN THE STATE WHERE THE PROJ	D
	E
	F
TURE Project Number 437-21-205 Building Number ALL Drawing Number S-002	

QUALITY ASSURANCE PLAN AND STATEMENT OF	REQUIRED SPECIAL INSPECTIONS AND TESTS OF CONCRETE CONSTRUCTION - R	EFERENCE 2018 IBC	1705.3	REQUIRED SPECIAL INSPECTIONS AND TESTS OF STRUCTURAL STEEL - INSPECTION TASKS PRIOR TO WELDING - REFERENCE AISC 360-16 SPE	REFERENCE 2018 IBC 1 CIFICATION TABLE N5
	ТҮРЕ	CONTINUOUS SPECIAL	PERIODIC SPECIAL	INSPECTION TASKS PRIOR TO WELDING	
1. SPECIAL INSPECTIONS FOR THIS PROJECT ARE REQUIRED PER THE 2018 INTERNATIONAL BUILDING CODE CHAPTER 17, SECTION 1704 AND 1705. SEE		INSPECTION	INSPECTION	WELDER QUALIFICATION RECORDS AND CONTINUITY RECORDS	PERFORM
BELOW FOR SPECIFICATIONS AND STATEMENT OF SPECIAL INSPECTIONS BELOW FOR SPECIFIED REQUIREMENTS	INSPECT REINFORCEMENT, INCLUDING TENDONS AND VERIFY PLACEMENT.	-	X	WPS AVAILABLE	PERFORM
a. STEEL CONSTRUCTION (IBC 1705.2, AISC 360-16)	a. VERIFY WELDABILITY OF REINFORCING BARS OTHER THAN ASTM A706:		v	MANUFACTURER CERTIFICATIONS FOR WELDING CONSUMABLES AVAILABLE	PERFORM
	 D. INSPECT SINGLE-PASS FILLET WELDS, MAXIMUM 5/16"; AND C. INSPECT ALL OTHER WELDS. 	x	X X	MATERIAL IDENTIFICATION (TYPE / GRADE)	OBSER\/F
b. STEEL DECK (ANSI-SDI-QAQC-2017) c. CONCRETE CONSTRUCTION (IBC 1705.3, ACI 318)	INSPECT ANCHORS CAST IN CONCRETE.	-	Х	WELDER IDENTIFICATION SYSTEM	OBSERVE
d. MASONRY (TMS 602) e. SOILS (IBC 1705.6)	INSPECT ANCHORS POST-INSTALLED IN HARDENED CONCRETE MEMBERS.			FIT-UP OF GROOVE WELDS (INCLUDING JOINT GEOMETRY)	OBSERVE
3. SEE INSPECTION TABLES AND REFERENCED DOCUMENTS FOR MORE IN DEPTH INSPECTION REQUIREMENTS.	a. ADHESIVE ANCHORS INSTALLED IN HORIZONTALLY OR UPWARDLY INCLINED ORIENTATIONS TO RESIST SUSTAINED TENSION LOADS.	Х	-	FIT-UP OF CHP GROVE WELDS OF HSS T- Y- AND K-JOINTS WITHOUT BACKING	OBOERVE
a. 'O' = OBSERVE, INSPECTOR SHALL OBSERVE THESE ITEMS ON A RANDOM BASIS.	D. MECHANICAL ANCHORS AND ADHESIVE ANCHORS NOT DEFINED ABOVE.		Х	(INCLUDING JOINT GEOMETRY)	PERFORM
b. 'P' = PERFORM, INSPECTOR SHALL PERFORM TASKS FOR EACH MEMBER	VERIFY USE OF REQUIRED DESIGN MIX.	-	Х	CONFIGURATION AND FINISH OF ACCESS HOLES	OBSERVE
4. FOR SHOP FABRICATED MEMBERS AND ASSEMBLIES, INSPECTIONS SHALL	PRIOR TO CONCRETE PLACEMENT, FABRICATE SPECIMENS FOR STRENGTH TESTS,			FIT-UP OF FILLET WELDS	OBSERVE
AUTHORITY HAVING JURISDICTION TO PERFORM SUCH WORK WITHOUT	PERFORM SLUMP AND AIR TESTS AND DETERMINE THE TEMPERATURE OF THE CONCRETE.	X	-	CHECK WELDING EQUIPMENT	OBSERVE
a. AT COMPLETION OF FABRICATION FOR AN APPROVED FABRICATOR,	INSPECT CONCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES.	Х	-		
WAS COMPLETED IN COMPLIANCE WITH CONTRACT	VERIFY MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES.		v	- REQUIRED SPECIAL INSPECTIONS AND TESTS OF STRUCTURAL STEEL - INSPECTION TASKS DURING WELDING - REFERENCE AISC 360-16 SPE	REFERENCE 2018 IBC 1 CIFICATION, TABLE N5.4
3HALL SUBMIT SPECIAL		-	^	INSPECTION TASKS DURING WELDING	QC
	A APPLICATION OF PRESTRESSING FORCES; AND	x	-	CONTROL AND HANDLING OF WELDING CONSUMABLES	OBSERVE
)N OF	b. GROUTING OF BONDED PRESTRESSING TENDONS.	X	-	NO WELDING OVER CRACKED TACK WELDS	OBSERVE
ALL \T THF		-	Х	ENVIRONMENTAL CONDITIONS	OBSERVE
D	INSPECT FORMWORK FOR SHAPE, LOCATION AND DIMENSIONS OF THE CONCRETE MEMBER BEING FORMED.	-	X	WPS FOLLOWED	OBSERVE
IG		1	J	WELDING TECHNIQUES	OBSERVE
	REQUIRED SPECIAL INSPECTIONS AND TESTS OF SOILS - REFERENCE	2018 IBC 1705.6		PLACEMENT AND INSTALLATION OF STEEL HEADED STUD ANCHORS	PERFORM
~ر ک	ТҮРЕ	CONTINUOUS SPECIAL	PERIODIC SPECIAL		
		INSPECTION	INSPECTION	REQUIRED SPECIAL INSPECTIONS AND TESTS OF STRUCTURAL STEEL - INSPECTION TASKS AFTER WELDING - REFERENCE AISC 360-16 SPEC	REFERENCE 2018 IBC 1 IFICATION, TABLE N5.4
VERIFY I DESIGN	MATERIALS BELOW SHALLOW FOUNDATIONS ARE ADEQUATE TO ACHIEVE THE CAPACITY	-	х	INSPECTION TASKS AFTER WELDING	QC
VERIFY EXC				WELDS CLEANED	OBSERVE
PROPER MATE	RIAL	-	Х	SIZE, LENGTH, AND LOCATION OF WELDS	PERFORM
PERFOR'	M CLASSIFICATION AND TESTING OF COMPACTED FILL MATERIALS	-	х	WELDS MEET VISUAL ACCEPTANCE CRITERIA	PERFORM
DURING FILL PLACE	MENT USE OF PROPER MATERIALS AND PROCEDURES IN			ARC STRIKES	PERFORM
ACCORDANCE WI	TH THE PROVISIONS OF THE APPROVED GEOTECHNICAL REPORT. S AND LIFT THICKNESSES DURING PLACEMENT AND COMPACTION OF	X	-	K-AREA	PERFORM
COMPACT				WELD ACCESS HOLES IN ROLLED HEAVY SHAPES AND BUILT-UP HEAVY SHAPES	PERFORM
PRIOR TO PLACEMENT (SITE HAS BEEN PREPAI	JF COMPACTED FILL, INSPECT SUBGRADE AND VERIFY THAT RED PROPERLY	-	Х	BACKING REMOVED AND WELD TABS REMOVED (IF REQUIRED)	PERFORM
				REPAIR ACTIVES	PERFORM
	REQUIRED SPECIAL INSPECTIONS AND TESTS LEVEL B QUALITY A	SSURANCE		DOCUMENT ACCEPTANCE OR REJECTION OF WELDED JOINT OR MEMBER	PERFORM
	REFERENCE INO 402 IABLE 3.1.2	CONTINUOUS	PERIODIC	NO PROHIBITED WELDS HAVE BEEN ADDED WITHOUT THE APPROVAL OF EOR	
	ТҮРЕ				
	CE WITH APPROVED SUBMITTALS	INSPECTION	X		
	CONSTRUCTION REGINS VERIEV THAT THE FOLLOWING ARE IN	-	^	REQUIRED SPECIAL INSPECTIONS AND TESTS OF STRUCTURAL STEEL - INSPECTION TASKS PRIOR TO BOLTING - REFERENCE AISC 360-16 SPE	CIFICATION, TAB
COMPLIAN				INSPECTION TASKS PRIOR TO BOLTING	QC
{ {i}}	a. PROPORTIONS OF SITE-PREPARED MORTAR	-	Х	MANUFACTURER'S CERTIFICATIONS AVAILABLE FOR FASTENER MATERIALS	OBSERVE
	b. CONSTRUCTION OF MORTAR JOINTS	-	Х		
(2. LOCATION OF REINFORCEMENT	-	Х		
PRIOR	TO GROUTING, VERIFY THAT THE FOLLOWING ARE IN COMPLIANCE:				
a. GROUT		-	Х		
b. GRAD PRES	JE, TYPE AND SIZE OF REINFORCEMENT, ANCHOR BOLTS AND 3TRESSING TENDONS AND ANCHORAGES	-	Х	CONDITIONS AND HOLE PREPARATION, IF SPECIFIED, MEET APPLICABLE	OBSERVE
C.	PLACEMENT OF REINFORCEMENT, CONNECTORS AND PRESTRESSING TENDONS		Y		
AND ANCH	IORAGES.	-	^	PROPER STORAGE PROVIDED FOR ROLTS NILTS WASHEDS AND OTHED EASTENED	
d. PROPOF BONDED T		-	Х	COMPONENTS	OBSERVE
F	e. CONSTRUCTION OF MORTAR JOINTS	-	Х		
	VERIFY DURING CONSTRUCTION:			REQUIRED SPECIAL INSPECTIONS AND TESTS OF STRUCTURAL STEEL - INSPECTION TASKS DURING BOLTING - REFERENCE AISC 360-16 SPEC	KEFERENCE 2018 IBC
	a. SIZE AND LOCATION OF STRUCTURAL ELEMENTS	-	X	INSPECTION TASKS DURING BOLTING	QC
\vdash	b. TYPE, SIZE AND LOCATION OF ANCHORS, INCLUDING OTHER DETAILS OF			FASTENER ASSEMBLIES PLACED IN ALL HOLES AND WASHERS AND NUTS ARE	
A (INCHORAGE OF MASONRY TO STRUCTURAL MEMBERS, FRAMES OR OTHER	-	X	POSITIONED AS REQUIRED	
c. WEL	DING OF REINFORCEMENT	X	-	JOINT BROUGHT TO THE SNUG-TIGHT CONDITION PRIOR TO THE PRE-TENSIONING OPERATION	OBSERVE
d. PREP/	ARATION, CONSTRUCTION AND PROTECTION OF MASONRY DURING COLD			FASTENER COMPONENT NOT TURNED BY THE WRENCH PREVENTED FROM ROTATING	
WEAT ABOV	HER (TEMPERATURE BELOW 40°F (4.4°C)) OR HOT WEATHER (TEMPERATURE E 90°F (32.2°C))	-	X		
OBSERVE PREPARATION	N OF GROUT SPECIMENS, MORTAR SPECIMENS AND/OR PRISMS	-	X	FASTENERS ARE PRETENSIONED IN ACCORDANCE WITH THE RCSC SPECIFICATION, PROGRESSING SYSTEMATICALLY FROM THE MOST RIGID POINT TOWARDS THE FREE EDGES	OBSERVE
		1			
				REQUIRED SPECIAL INSPECTIONS AND TESTS OF STRUCTURAL STEEL - INSPECTION TASKS AFTER BOLTING - REFERENCE AISC 360-16 SPEC	REFERENCE 201 IFICATION, TABL
				INSPECTION TASKS AFTER BOLTING	QC

7			8
ECTIONS AND TESTS OF CONCRETE CONSTRUCTION	N - REFERENCE 2018 IBC	1705.3	REQUIRED SPECIAL INSPECTIONS A
	CONTINUOUS	PERIODIC	INSPECTION TASKS PRIOR TO WEI
ТҮРЕ	SPECIAL	SPECIAL	INSPECTION TASKS PRIOR TO WELDING
	INSPECTION	INSPECTION	WELDER QUALIFICATION RECORDS AND CONTINU
NG TENDONS AND VERIFY PLACEMENT.	-	Х	WPS AVAILABLE
FORCING BARS OTHER THAN ASTM A706:	_	x	MANUFACTURER CERTIFICATIONS FOR WELDING
WELDS, MAXIMUM 5/10, AND	X	X	MATERIAL IDENTIFICATION (TYPE / GRADE)
ETE.	-	Х	WELDER IDENTIFICATION SYSTEM
D IN HARDENED CONCRETE MEMBERS. ED IN HORIZONTALLY OR UPWARDLY INCLINED	X	_	FIT-UP OF GROOVE WELDS (INCLUDING JOINT GE
STAINED TENSION LOADS. ADHESIVE ANCHORS NOT DEFINED ABOVE.		X	FIT-UP OF CJP GROVE WELDS OF HSS T-, Y-, AND (INCLUDING JOINT GEOMETRY)
MIX.	-	Х	CONFIGURATION AND FINISH OF ACCESS HOLES
FABRICATE SPECIMENS FOR STRENGTH TESTS.			FIT-UP OF FILLET WELDS
ND DETERMINE THE TEMPERATURE OF THE	X	-	CHECK WELDING EQUIPMENT
OR PROPER APPLICATION TECHNIQUES.	Х	-	
D CURING TEMPERATURE AND TECHNIQUES.	_	х	INSPECTION TASKS DURING WEL
			INSPECTION TASKS DURING WELDING
: FOR: NG FORCES; AND	X	-	CONTROL AND HANDLING OF WELDING CONSUMA
FRESSING TENDONS.	X	-	NO WELDING OVER CRACKED TACK WELDS

ECTIONS AND TESTS OF SOILS - REFERENCE 2018 IBC 1705.6				
	CONTINUOUS SPECIAL INSPECTION	PERIODIC SPECIAL INSPECTION		
ATIONS ARE ADEQUATE TO ACHIEVE THE	-	х		
OPER DEPTH AND HAVE REACHED	-	х		
COMPACTED FILL MATERIALS	-	х		
TERIALS AND PROCEDURES IN APPROVED GEOTECHNICAL REPORT. IRING PLACEMENT AND COMPACTION OF	Х	-		
NSPECT SUBGRADE AND VERIFY THAT	-	Х		

REFERENCE IMS 402 TABLE 3.1.2		
PE	CONTINUOUS SPECIAL INSPECTION	PERIODIC SPECIAL INSPECTION
ITTALS	-	Х
Y THAT THE FOLLOWING ARE IN		
DRTAR	-	Х
	-	Х
	-	Х
OWING ARE IN COMPLIANCE:		
	-	Х
EMENT, ANCHOR BOLTS AND DRAGES	-	Х
NNECTORS AND PRESTRESSING TENDONS	-	Х
ROUT AND PRESTRESSING GROUT FOR	-	х
	-	Х
ELEMENTS	-	Х
RS, INCLUDING OTHER DETAILS OF RAL MEMBERS, FRAMES OR OTHER	-	Х
	Х	-
PROTECTION OF MASONRY DURING COLD 4.4°C)) OR HOT WEATHER (TEMPERATURE	-	Х
INS, MORTAR SPECIMENS AND/OR PRISMS	-	Х

-		
Х	X	MATERIAL IDENTIFICATION (TYPE / GRADE)
-	Х	WELDER IDENTIFICATION SYSTEM
v		FIT-UP OF GROOVE WELDS (INCLUDING JOINT GEOMETRY
^ _	x	FIT-UP OF CJP GROVE WELDS OF HSS T-, Y-, AND K-JOINT (INCLUDING JOINT GEOMETRY)
-	х	CONFIGURATION AND FINISH OF ACCESS HOLES
		FIT-UP OF FILLET WELDS
Х	-	CHECK WELDING EQUIPMENT
Y		
	x	REQUIRED SPECIAL INSPECTIONS AND TES INSPECTION TASKS DURING WELDING - F
		INSPECTION TASKS DURING WELDING
Х	_	CONTROL AND HANDLING OF WELDING CONSUMABLES
Х	-	NO WELDING OVER CRACKED TACK WELDS
-	X	ENVIRONMENTAL CONDITIONS

REQUIRED SPECIAL INSPECTIONS AND TESTS OF STRUCTURAL STEEL - R		1705.2
INSPECTION TASKS PRIOR TO WELDING - REFERENCE AISC 360-16 SPEC		QA
QUALIFICATION RECORDS AND CONTINUITY RECORDS	PERFORM	OBSERVE
NILABLE	PERFORM	OBSERVE
CTURER CERTIFICATIONS FOR WELDING CONSUMABLES AVAILABLE	PERFORM	PERFORM
L IDENTIFICATION (TYPE / GRADE)	OBSERVE	OBSERVE
IDENTIFICATION SYSTEM	OBSERVE	OBSERVE
F GROOVE WELDS (INCLUDING JOINT GEOMETRY)	OBSERVE	OBSERVE
F CJP GROVE WELDS OF HSS T-, Y-, AND K-JOINTS WITHOUT BACKING NG JOINT GEOMETRY)	PERFORM	OBSERVE
JRATION AND FINISH OF ACCESS HOLES	OBSERVE	OBSERVE
F FILLET WELDS	OBSERVE	OBSERVE
VELDING EQUIPMENT	OBSERVE	-
REQUIRED SPECIAL INSPECTIONS AND TESTS OF STRUCTURAL STEEL - R	EFERENCE 2018 IBC	1705.2
INSPECTION TASKS DURING WELDING - REFERENCE AISC 360-16 SPECI	FICATION, TABLE N5.	4-2
ION TASKS DURING WELDING	QC	QA
L AND HANDLING OF WELDING CONSUMABLES	OBSERVE	OBSERVE
DING OVER CRACKED TACK WELDS	OBSERVE	OBSERVE
IMENTAL CONDITIONS	OBSERVE	OBSERVE
LOWED	OBSERVE	OBSERVE
J IECHNIQUES	OBSERVE	OBSERVE
ENT AND INSTALLATION OF STEEL HEADED STUD ANCHORS	PERFORM	PERFORM
REQUIRED SPECIAL INSPECTIONS AND TESTS OF STRUCTURAL STEEL - R INSPECTION TASKS AFTER WELDING - REFERENCE AISC 360-16 SPECI	EFERENCE 2018 IBC	1705.2 4-3
ION TASKS AFTER WELDING	QC	QA
LEANED	OBSERVE	OBSERVE
NGTH, AND LOCATION OF WELDS	PERFORM	PERFORM
IEET VISUAL ACCEPTANCE CRITERIA	PERFORM	PERFORM
IKES	PERFORM	PERFORM
	PERFORM	PERFORM
CESS HOLES IN ROLLED HEAVY SHAPES AND BUILT-UP HEAVY SHAPES	PERFORM	PERFORM
REMOVED AND WELD TABS REMOVED (IF REQUIRED)	PERFORM	PERFORM
ACTIVES	PERFORM	PERFORM
	PERFORM	PERFORM
HIBITED WELDS HAVE BEEN ADDED WITHOUT THE APPROVAL OF EOR	OBSERVE	OBSERVE
REQUIRED SPECIAL INSPECTIONS AND TESTS OF STRUCTURAL STEEL - R	EFERENCE 2018 IBC '	1705.2
ION TASKS PRIOR TO BOLTING		QA
CTURER'S CERTIFICATIONS AVAILABLE FOR FASTENER MATERIALS	OBSERVE	PERFORM
ERS MARKED IN ACCORDANCE WITH ASTM REQUIREMENTS	OBSERVE	PERFORM
T FASTENERS SELECTED FOR THE JOINT DETAIL	OBSERVE	OBSERVE
T BOLTING PROCEDURE SELECTED FOR JOINT DETAIL	OBSERVE	OBSERVE
TION ELEMENTS, INCLUDING THE APPROPRIATE FAYING SURFACE ONS AND HOLE PREPARATION, IF SPECIFIED, MEET APPLICABLE	OBSERVE	OBSERVE
TALLATION VERIFICATION TESTING	PERFORM	OBSERVE
STORAGE PROVIDED FOR BOLTS, NUTS, WASHERS, AND OTHER FASTENER		
	OBSERVE	OBSERVE
ENIS	EFERENCE 2018 IBC ²	1705.2 6-2
REQUIRED SPECIAL INSPECTIONS AND TESTS OF STRUCTURAL STEEL - R INSPECTION TASKS DURING BOLTING - REFERENCE AISC 360-16 SPECI		04
REQUIRED SPECIAL INSPECTIONS AND TESTS OF STRUCTURAL STEEL - R INSPECTION TASKS DURING BOLTING - REFERENCE AISC 360-16 SPECI ION TASKS DURING BOLTING	QC	
REQUIRED SPECIAL INSPECTIONS AND TESTS OF STRUCTURAL STEEL - R INSPECTION TASKS DURING BOLTING - REFERENCE AISC 360-16 SPECI ION TASKS DURING BOLTING ER ASSEMBLIES PLACED IN ALL HOLES AND WASHERS AND NUTS ARE NED AS REQUIRED	QC OBSERVE	OBSERVE
REQUIRED SPECIAL INSPECTIONS AND TESTS OF STRUCTURAL STEEL - R INSPECTION TASKS DURING BOLTING - REFERENCE AISC 360-16 SPECI TON TASKS DURING BOLTING ER ASSEMBLIES PLACED IN ALL HOLES AND WASHERS AND NUTS ARE NED AS REQUIRED ROUGHT TO THE SNUG-TIGHT CONDITION PRIOR TO THE PRE-TENSIONING ION	QC OBSERVE OBSERVE	OBSERVE
REQUIRED SPECIAL INSPECTIONS AND TESTS OF STRUCTURAL STEEL - R INSPECTION TASKS DURING BOLTING - REFERENCE AISC 360-16 SPECI FION TASKS DURING BOLTING ER ASSEMBLIES PLACED IN ALL HOLES AND WASHERS AND NUTS ARE NED AS REQUIRED ROUGHT TO THE SNUG-TIGHT CONDITION PRIOR TO THE PRE-TENSIONING ION ER COMPONENT NOT TURNED BY THE WRENCH PREVENTED FROM ROTATING	QC OBSERVE OBSERVE OBSERVE	OBSERVE OBSERVE OBSERVE

REQUIRED SPECIAL INSPECTIONS AND TESTS OF STRUCTURAL STEEL - RE	EFERENCE 2018 IBC 1	705.2
NSPECTION TASKS PRIOR TO WELDING - REFERENCE AISC 300-10 SPEC		QA
VELDER QUALIFICATION RECORDS AND CONTINUITY RECORDS	PERFORM	OBSERVE
/PS AVAILABLE	PERFORM	OBSERVE
ANUFACTURER CERTIFICATIONS FOR WELDING CONSUMABLES AVAILABLE	PERFORM	PERFORM
ATERIAL IDENTIFICATION (TYPE / GRADE)	OBSERVE	OBSERVE
/ELDER IDENTIFICATION SYSTEM	OBSERVE	OBSERVE
IT-UP OF GROOVE WELDS (INCLUDING JOINT GEOMETRY)	OBSERVE	OBSERVE
T-UP OF CJP GROVE WELDS OF HSS T-, Y-, AND K-JOINTS WITHOUT BACKING NCLUDING JOINT GEOMETRY)	PERFORM	OBSERVE
ONFIGURATION AND FINISH OF ACCESS HOLES	OBSERVE	OBSERVE
IT-UP OF FILLET WELDS	OBSERVE	OBSERVE
HECK WELDING EQUIPMENT	OBSERVE	-
		1705 0
INSPECTION TASKS DURING WELDING - REFERENCE AISC 360-16 SPECI	FICATION, TABLE N5.	4-2
	QC	QA
ONTROL AND HANDLING OF WELDING CONSUMABLES	OBSERVE	OBSERVE
O WELDING OVER CRACKED TACK WELDS	OBSERVE	OBSERVE
NVIRONMENTAL CONDITIONS	OBSERVE	OBSERVE
PS FOLLOWED	OBSERVE	OBSERVE
ELDING TECHNIQUES	OBSERVE	OBSERVE
LACEMENT AND INSTALLATION OF STEEL HEADED STUD ANCHORS	PERFORM	PERFORM
REQUIRED SPECIAL INSPECTIONS AND TESTS OF STRUCTURAL STEEL - RE INSPECTION TASKS AFTER WELDING - REFERENCE AISC 360-16 SPECIF	EFERENCE 2018 IBC 1 FICATION, TABLE N5.4	1705.2 -3
SPECTION TASKS AFTER WELDING	QC	QA
ELDS CLEANED	OBSERVE	OBSERVE
IZE, LENGTH, AND LOCATION OF WELDS	PERFORM	PERFORM
ELDS MEET VISUAL ACCEPTANCE CRITERIA	PERFORM	PERFORM
RC STRIKES	PERFORM	PERFORM
AREA	PERFORM	PERFORM
ELD ACCESS HOLES IN ROLLED HEAVY SHAPES AND BUILT-UP HEAVY SHAPES	PERFORM	PERFORM
ACKING REMOVED AND WELD TABS REMOVED (IF REQUIRED)	PERFORM	PERFORM
EPAIR ACTIVES	PERFORM	PERFORM
OCUMENT ACCEPTANCE OR REJECTION OF WELDED JOINT OR MEMBER	PERFORM	PERFORM
O PROHIBITED WELDS HAVE BEEN ADDED WITHOUT THE APPROVAL OF EOR	OBSERVE	OBSERVE
REQUIRED SPECIAL INSPECTIONS AND TESTS OF STRUCTURAL STEEL - RE	EFERENCE 2018 IBC 1	705.2
INSPECTION TASKS PRIOR TO BOLTING - REFERENCE AISC 360-16 SPEC		.6-1
IANUEACTURER'S CERTIFICATIONS AVAILABLE FOR FASTENER MATERIALS	QU	QA
ANOFACTURER'S CERTIFICATIONS AVAILABLE FOR FASTENER MATERIALS	OBSERVE	PERFORM
	OBSERVE	PERFORM
ASTENERS MARKED IN ACCORDANCE WITH ASTM REQUIREMENTS	OBSERVE	OBSERVE
ASTENERS MARKED IN ACCORDANCE WITH ASTM REQUIREMENTS	OBSERVE	OBSERVE
ASTENERS MARKED IN ACCORDANCE WITH ASTM REQUIREMENTS ORRECT FASTENERS SELECTED FOR THE JOINT DETAIL ORRECT BOLTING PROCEDURE SELECTED FOR JOINT DETAIL ONNECTION ELEMENTS, INCLUDING THE APPROPRIATE FAYING SURFACE		OBSERVE
ASTENERS MARKED IN ACCORDANCE WITH ASTM REQUIREMENTS ORRECT FASTENERS SELECTED FOR THE JOINT DETAIL ORRECT BOLTING PROCEDURE SELECTED FOR JOINT DETAIL ONNECTION ELEMENTS, INCLUDING THE APPROPRIATE FAYING SURFACE ONDITIONS AND HOLE PREPARATION, IF SPECIFIED, MEET APPLICABLE EQUIREMENTS	OBSERVE	
ASTENERS MARKED IN ACCORDANCE WITH ASTM REQUIREMENTS ORRECT FASTENERS SELECTED FOR THE JOINT DETAIL ORRECT BOLTING PROCEDURE SELECTED FOR JOINT DETAIL ONNECTION ELEMENTS, INCLUDING THE APPROPRIATE FAYING SURFACE ONDITIONS AND HOLE PREPARATION, IF SPECIFIED, MEET APPLICABLE EQUIREMENTS RE-INSTALLATION VERIFICATION TESTING	OBSERVE PERFORM	OBSERVE
ASTENERS MARKED IN ACCORDANCE WITH ASTM REQUIREMENTS ORRECT FASTENERS SELECTED FOR THE JOINT DETAIL ORRECT BOLTING PROCEDURE SELECTED FOR JOINT DETAIL ONNECTION ELEMENTS, INCLUDING THE APPROPRIATE FAYING SURFACE ONDITIONS AND HOLE PREPARATION, IF SPECIFIED, MEET APPLICABLE EQUIREMENTS RE-INSTALLATION VERIFICATION TESTING ROPER STORAGE PROVIDED FOR BOLTS, NUTS, WASHERS, AND OTHER FASTENER OMPONENTS	OBSERVE PERFORM OBSERVE	OBSERVE OBSERVE
ASTENERS MARKED IN ACCORDANCE WITH ASTM REQUIREMENTS ORRECT FASTENERS SELECTED FOR THE JOINT DETAIL ORRECT BOLTING PROCEDURE SELECTED FOR JOINT DETAIL ONNECTION ELEMENTS, INCLUDING THE APPROPRIATE FAYING SURFACE ONDITIONS AND HOLE PREPARATION, IF SPECIFIED, MEET APPLICABLE EQUIREMENTS RE-INSTALLATION VERIFICATION TESTING ROPER STORAGE PROVIDED FOR BOLTS, NUTS, WASHERS, AND OTHER FASTENER OMPONENTS REQUIRED SPECIAL INSPECTIONS AND TESTS OF STRUCTURAL STEEL - RE	OBSERVE PERFORM OBSERVE	OBSERVE OBSERVE
ASTENERS MARKED IN ACCORDANCE WITH ASTM REQUIREMENTS ORRECT FASTENERS SELECTED FOR THE JOINT DETAIL ORRECT BOLTING PROCEDURE SELECTED FOR JOINT DETAIL ONNECTION ELEMENTS, INCLUDING THE APPROPRIATE FAYING SURFACE ONDITIONS AND HOLE PREPARATION, IF SPECIFIED, MEET APPLICABLE EQUIREMENTS RE-INSTALLATION VERIFICATION TESTING ROPER STORAGE PROVIDED FOR BOLTS, NUTS, WASHERS, AND OTHER FASTENER OMPONENTS REQUIRED SPECIAL INSPECTIONS AND TESTS OF STRUCTURAL STEEL - RE INSPECTION TASKS DURING BOLTING - REFERENCE AISC 360-16 SPECIFIED	OBSERVE PERFORM OBSERVE EFERENCE 2018 IBC 1 FICATION, TABLE N5.0	OBSERVE OBSERVE
ASTENERS MARKED IN ACCORDANCE WITH ASTM REQUIREMENTS ORRECT FASTENERS SELECTED FOR THE JOINT DETAIL ORRECT BOLTING PROCEDURE SELECTED FOR JOINT DETAIL ONNECTION ELEMENTS, INCLUDING THE APPROPRIATE FAYING SURFACE ONDITIONS AND HOLE PREPARATION, IF SPECIFIED, MEET APPLICABLE EQUIREMENTS RE-INSTALLATION VERIFICATION TESTING ROPER STORAGE PROVIDED FOR BOLTS, NUTS, WASHERS, AND OTHER FASTENER OMPONENTS REQUIRED SPECIAL INSPECTIONS AND TESTS OF STRUCTURAL STEEL - RE INSPECTION TASKS DURING BOLTING - REFERENCE AISC 360-16 SPECIF ISPECTION TASKS DURING BOLTING ASTENER ASSEMBLIES PLACED IN ALL HOLES AND WASHERS AND NUTS ARE OSITIONED AS REQUIRED	OBSERVE PERFORM OBSERVE EFERENCE 2018 IBC 1 FICATION, TABLE N5.0 QC OBSERVE	OBSERVE OBSERVE 705.2 5-2 QA OBSERVE
ASTENERS MARKED IN ACCORDANCE WITH ASTM REQUIREMENTS ORRECT FASTENERS SELECTED FOR THE JOINT DETAIL ORRECT BOLTING PROCEDURE SELECTED FOR JOINT DETAIL ONNECTION ELEMENTS, INCLUDING THE APPROPRIATE FAYING SURFACE ONDITIONS AND HOLE PREPARATION, IF SPECIFIED, MEET APPLICABLE EQUIREMENTS RE-INSTALLATION VERIFICATION TESTING ROPER STORAGE PROVIDED FOR BOLTS, NUTS, WASHERS, AND OTHER FASTENER OMPONENTS REQUIRED SPECIAL INSPECTIONS AND TESTS OF STRUCTURAL STEEL - RE INSPECTION TASKS DURING BOLTING - REFERENCE AISC 360-16 SPECIF ISPECTION TASKS DURING BOLTING ASTENER ASSEMBLIES PLACED IN ALL HOLES AND WASHERS AND NUTS ARE OSITIONED AS REQUIRED DINT BROUGHT TO THE SNUG-TIGHT CONDITION PRIOR TO THE PRE-TENSIONING PERATION	OBSERVE PERFORM OBSERVE EFERENCE 2018 IBC 1 FICATION, TABLE N5.0 QC OBSERVE OBSERVE	OBSERVE OBSERVE 705.2 5-2 QA OBSERVE OBSERVE
ASTENERS MARKED IN ACCORDANCE WITH ASTM REQUIREMENTS ORRECT FASTENERS SELECTED FOR THE JOINT DETAIL ORRECT BOLTING PROCEDURE SELECTED FOR JOINT DETAIL ONNECTION ELEMENTS, INCLUDING THE APPROPRIATE FAYING SURFACE ONDITIONS AND HOLE PREPARATION, IF SPECIFIED, MEET APPLICABLE EQUIREMENTS RE-INSTALLATION VERIFICATION TESTING ROPER STORAGE PROVIDED FOR BOLTS, NUTS, WASHERS, AND OTHER FASTENER OMPONENTS REQUIRED SPECIAL INSPECTIONS AND TESTS OF STRUCTURAL STEEL - RE INSPECTION TASKS DURING BOLTING - REFERENCE AISC 360-16 SPECIF ISPECTION TASKS DURING BOLTING ASTENER ASSEMBLIES PLACED IN ALL HOLES AND WASHERS AND NUTS ARE OSITIONED AS REQUIRED DINT BROUGHT TO THE SNUG-TIGHT CONDITION PRIOR TO THE PRE-TENSIONING PERATION ASTENER COMPONENT NOT TURNED BY THE WRENCH PREVENTED FROM ROTATING	OBSERVE PERFORM OBSERVE COBSERVE OBSERVE OBSERVE	OBSERVE OBSERVE 705.2 GA OBSERVE OBSERVE

REQUIRED SPECIAL INSPECTIONS AND TESTS OF STRUCTURAL STEEL - R	REFERENCE 2018 IBC	1705.2
ECTION TASKS PRIOR TO WELDING - REFERENCE AISC 300-10 SPEC		QA
DER QUALIFICATION RECORDS AND CONTINUITY RECORDS	PERFORM	OBSERVE
AVAILABLE	PERFORM	OBSERVE
FACTURER CERTIFICATIONS FOR WELDING CONSUMABLES AVAILABLE	PERFORM	PERFORM
RIAL IDENTIFICATION (TYPE / GRADE)	OBSERVE	OBSERVE
DER IDENTIFICATION SYSTEM	OBSERVE	OBSERVE
P OF GROOVE WELDS (INCLUDING JOINT GEOMETRY)	OBSERVE	OBSERVE
P OF CJP GROVE WELDS OF HSS T-, Y-, AND K-JOINTS WITHOUT BACKING JDING JOINT GEOMETRY)	PERFORM	OBSERVE
IGURATION AND FINISH OF ACCESS HOLES	OBSERVE	OBSERVE
P OF FILLET WELDS	OBSERVE	OBSERVE
K WELDING EQUIPMENT	OBSERVE	-
REQUIRED SPECIAL INSPECTIONS AND TESTS OF STRUCTURAL STEEL - R	REFERENCE 2018 IBC ²	1705.2 4-2
ECTION TASKS DURING WELDING		QA
 ROL AND HANDLING OF WELDING CONSUMABLES	OBSERVE	OBSERVE
ELDING OVER CRACKED TACK WELDS	OBSERVE	OBSERVE
RONMENTAL CONDITIONS	OBSERVE	OBSERVE
FOLLOWED	OBSERVE	OBSERVE
ING TECHNIQUES	OBSERVE	OBSERVE
EMENT AND INSTALLATION OF STEEL HEADED STUD ANCHORS	PERFORM	PERFORM
REQUIRED SPECIAL INSPECTIONS AND TESTS OF STRUCTURAL STEEL - R	REFERENCE 2018 IBC 7	1705.2 I-3
ECTION TASKS AFTER WELDING	QC	QA
S CLEANED	OBSERVE	OBSERVE
LENGTH, AND LOCATION OF WELDS	PERFORM	PERFORM
OS MEET VISUAL ACCEPTANCE CRITERIA	PERFORM	PERFORM
STRIKES	PERFORM	PERFORM
Ā	PERFORM	PERFORM
ACCESS HOLES IN ROLLED HEAVY SHAPES AND BUILT-UP HEAVY SHAPES	PERFORM	PERFORM
ING REMOVED AND WELD TABS REMOVED (IF REQUIRED)	PERFORM	PERFORM
IR ACTIVES	PERFORM	PERFORM
JMENT ACCEPTANCE OR REJECTION OF WELDED JOINT OR MEMBER	PERFORM	PERFORM
ROHIBITED WELDS HAVE BEEN ADDED WITHOUT THE APPROVAL OF EOR	OBSERVE	OBSERVE
REQUIRED SPECIAL INSPECTIONS AND TESTS OF STRUCTURAL STEEL - R INSPECTION TASKS PRIOR TO BOLTING - REFERENCE AISC 360-16 SPEC	REFERENCE 2018 IBC 1	1705.2 .6-1
ECTION TASKS PRIOR TO BOLTING	QC	QA
JFACTURER'S CERTIFICATIONS AVAILABLE FOR FASTENER MATERIALS	OBSERVE	PERFORM
ENERS MARKED IN ACCORDANCE WITH ASTM REQUIREMENTS	OBSERVE	PERFORM
	OBSERVE	OBSERVE
ECT FASTENERS SELECTED FOR THE JOINT DETAIL	OBSERVE	OBSERVE
ECT FASTENERS SELECTED FOR THE JOINT DETAIL		OBSERVE
RECT FASTENERS SELECTED FOR THE JOINT DETAIL RECT BOLTING PROCEDURE SELECTED FOR JOINT DETAIL RECTION ELEMENTS, INCLUDING THE APPROPRIATE FAYING SURFACE DITIONS AND HOLE PREPARATION, IF SPECIFIED, MEET APPLICABLE JIREMENTS	OBSERVE	
RECT FASTENERS SELECTED FOR THE JOINT DETAIL RECT BOLTING PROCEDURE SELECTED FOR JOINT DETAIL NECTION ELEMENTS, INCLUDING THE APPROPRIATE FAYING SURFACE DITIONS AND HOLE PREPARATION, IF SPECIFIED, MEET APPLICABLE JIREMENTS NSTALLATION VERIFICATION TESTING	OBSERVE	ORPERAE
RECT FASTENERS SELECTED FOR THE JOINT DETAIL RECT BOLTING PROCEDURE SELECTED FOR JOINT DETAIL NECTION ELEMENTS, INCLUDING THE APPROPRIATE FAYING SURFACE DITIONS AND HOLE PREPARATION, IF SPECIFIED, MEET APPLICABLE JIREMENTS NSTALLATION VERIFICATION TESTING PER STORAGE PROVIDED FOR BOLTS, NUTS, WASHERS, AND OTHER FASTENER	OBSERVE PERFORM	
RECT FASTENERS SELECTED FOR THE JOINT DETAIL RECT BOLTING PROCEDURE SELECTED FOR JOINT DETAIL RECTION ELEMENTS, INCLUDING THE APPROPRIATE FAYING SURFACE DITIONS AND HOLE PREPARATION, IF SPECIFIED, MEET APPLICABLE REMENTS NSTALLATION VERIFICATION TESTING PER STORAGE PROVIDED FOR BOLTS, NUTS, WASHERS, AND OTHER FASTENER ONENTS	OBSERVE PERFORM OBSERVE	OBSERVE
RECT FASTENERS SELECTED FOR THE JOINT DETAIL RECT BOLTING PROCEDURE SELECTED FOR JOINT DETAIL NECTION ELEMENTS, INCLUDING THE APPROPRIATE FAYING SURFACE DITIONS AND HOLE PREPARATION, IF SPECIFIED, MEET APPLICABLE JIREMENTS NSTALLATION VERIFICATION TESTING PER STORAGE PROVIDED FOR BOLTS, NUTS, WASHERS, AND OTHER FASTENER PONENTS REQUIRED SPECIAL INSPECTIONS AND TESTS OF STRUCTURAL STEEL - R INSPECTION TASKS DURING BOLTING - REFERENCE AISC 360-16 SPEC	OBSERVE PERFORM OBSERVE REFERENCE 2018 IBC 7 IFICATION, TABLE N5.0	OBSERVE OBSERVE
RECT FASTENERS SELECTED FOR THE JOINT DETAIL RECT BOLTING PROCEDURE SELECTED FOR JOINT DETAIL RECTION ELEMENTS, INCLUDING THE APPROPRIATE FAYING SURFACE DITIONS AND HOLE PREPARATION, IF SPECIFIED, MEET APPLICABLE REMENTS NSTALLATION VERIFICATION TESTING PER STORAGE PROVIDED FOR BOLTS, NUTS, WASHERS, AND OTHER FASTENER PONENTS REQUIRED SPECIAL INSPECTIONS AND TESTS OF STRUCTURAL STEEL - R INSPECTION TASKS DURING BOLTING - REFERENCE AISC 360-16 SPECIE ECTION TASKS DURING BOLTING	OBSERVE PERFORM OBSERVE COBSERVE	OBSERVE OBSERVE 1705.2 6-2 QA
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RECT FASTENERS SELECTED FOR THE JOINT DETAIL RECT BOLTING PROCEDURE SELECTED FOR JOINT DETAIL NECTION ELEMENTS, INCLUDING THE APPROPRIATE FAYING SURFACE DITIONS AND HOLE PREPARATION, IF SPECIFIED, MEET APPLICABLE JIREMENTS INSTALLATION VERIFICATION TESTING PER STORAGE PROVIDED FOR BOLTS, NUTS, WASHERS, AND OTHER FASTENER PONENTS REQUIRED SPECIAL INSPECTIONS AND TESTS OF STRUCTURAL STEEL - R INSPECTION TASKS DURING BOLTING - REFERENCE AISC 360-16 SPECI ECTION TASKS DURING BOLTING ENER ASSEMBLIES PLACED IN ALL HOLES AND WASHERS AND NUTS ARE TIONED AS REQUIRED I BROUGHT TO THE SNUG-TIGHT CONDITION PRIOR TO THE PRE-TENSIONING VATION ENER COMPONENT NOT TURNED BY THE WRENCH PREVENTED FROM ROTATING	OBSERVE PERFORM OBSERVE OBSERVE OBSERVE OBSERVE OBSERVE OBSERVE	OBSERVE OBSERVE 705.2 6-2 QA OBSERVE OBSERVE

REQUIRED SPECIAL INSPECTIONS AND TESTS OF STRUCTURAL STEEL - F	REFERENCE 2018 IBC	1705.2
INGELOTION TAGNO ENTOR TO WELDING - REFERENCE AISC 360-16 SPE		QA
QUALIFICATION RECORDS AND CONTINUITY RECORDS	PERFORM	OBSERVE
ILABLE	PERFORM	OBSERVE
CTURER CERTIFICATIONS FOR WELDING CONSUMABLES AVAILABLE	PERFORM	PERFORM
L IDENTIFICATION (TYPE / GRADE)	OBSERVE	OBSERVE
IDENTIFICATION SYSTEM	OBSERVE	OBSERVE
F GROOVE WELDS (INCLUDING JOINT GEOMETRY)	OBSERVE	OBSERVE
F CJP GROVE WELDS OF HSS T-, Y-, AND K-JOINTS WITHOUT BACKING NG JOINT GEOMETRY)	PERFORM	OBSERVE
JRATION AND FINISH OF ACCESS HOLES	OBSERVE	OBSERVE
F FILLET WELDS	OBSERVE	OBSERVE
VELDING EQUIPMENT	OBSERVE	-
REQUIRED SPECIAL INSPECTIONS AND TESTS OF STRUCTURAL STEEL - F	REFERENCE 2018 IBC	1705.2
INSPECTION TASKS DURING WELDING - REFERENCE AISC 360-16 SPEC	FIFICATION, TABLE N5.	4-2
L AND HANDLING OF WELDING CONSUMABLES 		
	OBSERVE	OBSERVE
G TECHNIQUES	OBSERVE	OBSERVE
ENT AND INSTALLATION OF STEEL HEADED STUD ANCHORS	PERFORM	PERFORM
REQUIRED SPECIAL INSPECTIONS AND TESTS OF STRUCTURAL STEEL - F	REFERENCE 2018 IBC	1705.2
INSPECTION TASKS AFTER WELDING - REFERENCE AISC 300-10 SPECI		
	OBSERVE	OBSERVE
IGTH, AND LOCATION OF WELDS	PERFORM	PERFORM
IEET VISUAL ACCEPTANCE CRITERIA	PERFORM	PERFORM
IKES	PERFORM	PERFORM
	PERFORM	PERFORM
CESS HOLES IN ROLLED HEAVY SHAPES AND BUILT-UP HEAVY SHAPES	PERFORM	PERFORM
REMOVED AND WELD TABS REMOVED (IF REQUIRED)	PERFORM	PERFORM
ACTIVES	PERFORM	PERFORM
INT ACCEPTANCE OR REJECTION OF WELDED JOINT OR MEMBER	PERFORM	PERFORM
HIBITED WELDS HAVE BEEN ADDED WITHOUT THE APPROVAL OF EOR	OBSERVE	OBSERVE
REQUIRED SPECIAL INSPECTIONS AND TESTS OF STRUCTURAL STEEL - F	REFERENCE 2018 IBC	1705.2
		.6-1
CTURER'S CERTIFICATIONS AVAILABLE FOR FASTENER MATERIALS	OBSERVE	PERFORM
ERS MARKED IN ACCORDANCE WITH ASTM REQUIREMENTS		PERFORM
	OBSERVE	OBSERVE
T BOLTING PROCEDURE SELECTED FOR JOINT DETAIL	OBSERVE	OBSERVE
TION ELEMENTS, INCLUDING THE APPROPRIATE FAYING SURFACE DNS AND HOLE PREPARATION, IF SPECIFIED, MEET APPLICABLE	OBSERVE	OBSERVE
ΤΑΙ Ι ΑΤΙΩΝ VERIFICATION ΤΕςτινο		
TALLATION VERIFICATION TESTING STORAGE PROVIDED FOR BOLTS, NUTS. WASHERS. AND OTHER FASTENER	I ORSEKVE	URSERVE
TALLATION VERIFICATION TESTING STORAGE PROVIDED FOR BOLTS, NUTS, WASHERS, AND OTHER FASTENER IENTS		
TALLATION VERIFICATION TESTING STORAGE PROVIDED FOR BOLTS, NUTS, WASHERS, AND OTHER FASTENER NENTS REQUIRED SPECIAL INSPECTIONS AND TESTS OF STRUCTURAL STEEL - F INSPECTION TASKS DURING BOLTING - REFERENCE AISC 360-16 SPEC	REFERENCE 2018 IBC 7	1705.2 6-2
TALLATION VERIFICATION TESTING STORAGE PROVIDED FOR BOLTS, NUTS, WASHERS, AND OTHER FASTENER IENTS REQUIRED SPECIAL INSPECTIONS AND TESTS OF STRUCTURAL STEEL - F INSPECTION TASKS DURING BOLTING - REFERENCE AISC 360-16 SPEC ION TASKS DURING BOLTING	REFERENCE 2018 IBC 7 IFICATION, TABLE N5. QC	1705.2 6-2 QA
TALLATION VERIFICATION TESTING STORAGE PROVIDED FOR BOLTS, NUTS, WASHERS, AND OTHER FASTENER IENTS REQUIRED SPECIAL INSPECTIONS AND TESTS OF STRUCTURAL STEEL - F INSPECTION TASKS DURING BOLTING - REFERENCE AISC 360-16 SPEC TON TASKS DURING BOLTING ER ASSEMBLIES PLACED IN ALL HOLES AND WASHERS AND NUTS ARE NED AS REQUIRED	REFERENCE 2018 IBC 7 IFICATION, TABLE N5. QC OBSERVE	1705.2 6-2 QA OBSERVE
TALLATION VERIFICATION TESTING STORAGE PROVIDED FOR BOLTS, NUTS, WASHERS, AND OTHER FASTENER VENTS REQUIRED SPECIAL INSPECTIONS AND TESTS OF STRUCTURAL STEEL - F INSPECTION TASKS DURING BOLTING - REFERENCE AISC 360-16 SPEC TON TASKS DURING BOLTING ER ASSEMBLIES PLACED IN ALL HOLES AND WASHERS AND NUTS ARE NED AS REQUIRED ROUGHT TO THE SNUG-TIGHT CONDITION PRIOR TO THE PRE-TENSIONING ION	REFERENCE 2018 IBC / IFICATION, TABLE N5. QC OBSERVE OBSERVE	1705.2 6-2 OBSERVE OBSERVE
TALLATION VERIFICATION TESTING STORAGE PROVIDED FOR BOLTS, NUTS, WASHERS, AND OTHER FASTENER NENTS REQUIRED SPECIAL INSPECTIONS AND TESTS OF STRUCTURAL STEEL - F INSPECTION TASKS DURING BOLTING - REFERENCE AISC 360-16 SPEC TION TASKS DURING BOLTING ER ASSEMBLIES PLACED IN ALL HOLES AND WASHERS AND NUTS ARE NED AS REQUIRED ROUGHT TO THE SNUG-TIGHT CONDITION PRIOR TO THE PRE-TENSIONING ION ER COMPONENT NOT TURNED BY THE WRENCH PREVENTED FROM ROTATING	REFERENCE 2018 IBC / IFICATION, TABLE N5. QC OBSERVE OBSERVE OBSERVE	1705.2 6-2 OBSERVE OBSERVE OBSERVE

POSITIONED AS REQUIRED
JOINT BROUGHT TO THE SNUG-TIGHT CONDITION PRIOR TO THE PRE-TENSIONIN

QC QA PERFORM PERFORM

Building Number Drawing Number H CARE SYSTEM

Project Number 437-21-205

S-003

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- (E) ROOF DECK — (E) BAR JOIST

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- ALIGN STRINGER WITH (E) - CONNECTION OF STAIR TO (E) JOIST BY STAIR ENGINEER

of tion	Drawing Title ROOF PARTIAL PLAN	Phase ISSUE FOR BID	Project Title EHRM INFRAS UPGRADES	STRUC
nent oartment ans Affairs	Approved: Project Director SHEET 24 OF 279	FULLY SPRINKLERED	Location FARGO VA HE Issue Date 3/18/2022	ES
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of tion ities	Drawing Title ROOF AND PENTHOUS	E FRAMING	Phase ISSUE FOI	R BID	Project Title EHRM INFRA UPGRADES	STRUC
nent	Approved: Project Director SHEET 25 OF 279				Location FARGO VA H	EALTH
oartment ans Affairs			FULLY SPRI	INKLERED	Issue Date 3/18/2022	Check ES
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KEY PLAN

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F					
BIM 360://Fargo EHRM/FARGO EHRM - CENTRAL.rvt	VA FORM 08 - 6231 1	ISSUE FOR BID Revisions:	2	Image: Constraint of the second se	DNSULTANT Calibor ore Engineering, Inc. 9 South Ridgeline Boulevard, Suite f lands Ranch, CO 80129 (303) 0 calibre-engineering.com struction Management Civil Engine

2 ENLARGED FOUNDATION PLAN

FIRST FLOOR PLAN NOTES: 1. SEE GENERAL NOTES, SPECIFICATIONS AND DETAILS FOR ADDITIONAL INFORMATION

- TOP OF SLAB = 100'-0" WHICH MATCHES EXISTING SLAB ELEVATION. 2. SEE CIVIL AND ARCHITECTURAL DRAWINGS FOR LAYOUT IN SPACE.
- SEE ARCHITECTURAL DRAWINGS FOR SLAB ON GRADE SLOPES, 3. STEPS AND DEPRESSIONS NOT SHOWN ON STRUCTURAL. SEE ARCHITECTURAL DRAWINGS FOR VAPOR RETARDER LOCATIONS. 4. INSTALL VAPOR RETARDER DIRECTLY UNDER SLAB PER
- RECOMMENDATIONS OF PCA AND ACI 302.1R-04. TAKE PRECAUTIONS TO MINIMIZE SLAB CURLING. GRIND SLAB TO ACHIEVE SPECIFIED FLOOR FLATNESS AND LEVELNESS VALUES. SEE ELEVATIONS AND DETAILS FOR MASONRY WALL INFORMATION.
- SEE ARCHITECTURAL DRAWINGS FOR DIMENSIONS OF OPENINGS. 6 THE FOUNDATIONS ARE DESIGNED ASSUMING AN ALLOWABLE 7 BEARING PRESSURE OF 2000 PSF. A GEOTECHNICAL ENGINEER SHALL OBSERVE THE EXCAVATION AND PREPARATION OF THE BEARING STRATUM TO CONFIRM IF CAN MEET OR EXCEED THE ASSUMED BEARING PRESSURES.

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of tion	Drawing Title BUILDING 51 FIRST FLOOR & ROOF FRAMING PLANS	Pha	ase ISSUE FOR BID	Project Title EHRM INFRA UPGRADES	STRUCT
ient	Approved: Project Director SHEET 26 OF 279			Location FARGO VA HI	EALTH C
artment ns Affairs			FULLY SPRINKLERED	Issue Date 3/18/2022	ES
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2.

24"OC, SOLID GROUTED. MASONRY NOTES FOR JOINT PROVIDE (1) #5xCONT BOND BEAM AND TOP OF WALL. PROVIDE OF 2'-8" MIN. ERTICAL JAMB REINF	10' - 11 3/4"
	6' - 4 1/2"
	4' - 8"

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S-51-40

ENLARGED ROOF FRAMING PLAN 3 1/4" = 1'-0"

> STEEL ROOF PLAN NOTES: 1. SEE GENERAL NOTES, SPECIFICATIONS AND DETAILS FOR ADDITIONAL

INFORMATION STEEL BEAMS AND JOISTS SHALL BE EQUALLY SPACED BETWEEN GRID /

COLUMN / GIRDER LINE, UON. TOP OF STEEL BEAM SHALL EQUAL BOTTOM OF METAL DECK, UON. PLACE (1) 3/4"Øx4" HEADED ANCHOR STUDS @12"OC MAX ON EACH BEAM

PROVIDE SLEEVES IN SLAB ON METAL DECK PRIOR TO PLACEMENT FOR OPENINGS. DO NOT CUT DECK UNTIL AFTER CONCRETE IS CURED. OPENINGS LARGER THAN 12" REQUIRE OPENING FRAME, COORDINATE WITH COR / SEOR FOR APPROVAL.

		1 NORTH
TURE		Project Number 437-21-205 Building Number 51
CARE d	SYSTEM Drawn TB	Drawing Number S-51-101
		10

2LVI 18GA DECK
 W/ 3 1/2" CONCRETE
 ABOVE FLUTES AND
 6x6-W2.1xW2.1 MESH

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of tion ities	Drawing Title FOUNDATION DETAILS	Phase ISSUE FOR BID	Project Title EHRM INFRAST UPGRADES	RUC
nent	Approved: Project Director SHEFT 27 OF 279		Location FARGO VA HEA	LTH
oartment ans Affairs		FULLY SPRINKLERED	Issue Date 3/18/2022	Checke ES
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TYPICAL SLAB-ON-GRADE EXPANSION JOINT

ARCHITECT/ENGINEER OF RECORD Office Construc and Facil 700 Nicholas Blvd. Suite 300 Manager Elk Grove Village, IL 60007 T: 847.952.9362 , Ul quard BANCROFT ARCHITECTS + ENGINEERS www.bancroft-ae.com VA U.S. Dep of Vetera VA CONTRACT NO. VA244-17-D-0029 BAE PROJECT NO. 18-121 4 5 6

TYPICAL TRENCH DETAIL

office of Instruction Facilities	Drawing Title TYPICAI	_ SLAB ON	GRADE DETAILS	Ph	ISSUE FOR BID)	Project Title EHRM INF UPGRADE	RASTRUCTUF S	E	Proje 43 Build 51
nagement	Approved: Projec SHFFT	t Director 28 OF 279					Location FARGO VA	A HEALTH CAF	RE SYSTEM	Drawi
J.S. Department of Veterans Affairs					FULLY SPRINKLE	ERED	Issue Date 3/18/2022	Checked ES	Drawn TB	
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CARE SYSTEM	
	Drawing Number
	Building Number 51
TURE	Project Number 437-21-205

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of tion ities	Drawing Title MASONRY DETAILS		Phase ISSUE FOR BID	Project Title EHRM INFR UPGRADES	ASTRUG
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oartment ans Affairs			FULLY SPRINKLERED	Issue Date 3/18/2022	Check ES
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of ction lities	Drawing Title ROOF DETAILS	Phase ISSUE FOR BID	Project Title EHRM INF UPGRADE	RASTRUC S
nent	Approved: Project Director SHEFT 30 OF 279		Location FARGO VA	HEALTH
partment ans Affairs		FULLY SPRINKLERED	Issue Date 3/18/2022	Check ES
i.				i.

	ARDOUS FLAN NOTES
1.	REFER TO SPECIFICATIO 028213.19 FOR ASBESTO ABATEMENT REQUIREME
2.	REFER TO ASBESTOS IN DATED 2/25/2022 AND CU ASBESTOS/LEAD CONSU
ASB	ESTOS ABATEMENT LE
	LIMIT OF CONSTRUC
	ASBESTOS REGULAT
	INSULATION ASSOCIA
	CONSTRUCTION BOL
	REMOVE ASBESTOS MASTIC ASSOCIATED CARPET
	PDF AND W/EDF
ABA	TEMENT GENERAL NO
1.	THE SCOPE OF THE ASBE CONSISTS OF REMOVING CONTAINING PIPE AND FI ASBESTOS CONTAINING
2.	ALL WORK SHALL BE CON ACCORDANCE WITH ALL LOCAL REGULATIONS AN SPECIFICATIONS.
3.	THE ABATEMENT WORK S DURING REGULAR BUSIN 4:30 PM) EXCLUDING FED
4.	WORK SCHEDULES AND SHALL BE COORDINATED IH FOR APPROVALS.
5.	THE ABATEMENT CONTR DETAILED WORK PLAN AN SCHEDULE WITH THE RE ANY CHANGES TO THE P CONTAINMENT LIMITS AN SUBMITTED TO THE VA C APPROVALS.
6.	THE LOCATIONS AND QU ABATEMENT SHALL BE FI ABATEMENT CONTRACTOR CONTRACTOR. THE LIMIT EXTENT OF THE CONTAIN VERIFIED WITH THE VA C CLARITY, THE DRAWINGS REPRESENTATIVE LOCAT
7.	ALL LOADOUT PROCEDU COORDINATED WITH THE
8.	THE CONTRACTOR SHAL FACILITIES IN THE BUILDI THE LIMITS INDICATED. P REGULATED AREA WITH DECONTAMINATION FACI THAT THE PDF ARE THE INGRESS TO THE REGULA
9.	THE CONTRACTOR SHAL LOCATIONS OF WATER, S ELECTRICAL
10.	THE PDF, W/EDF, AND/OF BOUNDARY SHALL BE MA INFECTION CONTROL SYS

f ction lities	Drawing Title HAZARDOUS MATERIALS ASBESTOS/LEAD - EHRM BASEMENT & 3RD FLOOR	PLAN - BUILDING - ENLARGED	PLAN	Phase ISSUE FO	RBID	Project Title EHRM INFRAS UPGRADES	STRUCT
ment	SHEET 31 OF 279					Location FARGO VA HE Issue Date	ALTH C
partment rans Affairs						3/18/2022	
	7		8			9	

HAZ	ARDOUS PLAN NOTES
1.	REFER TO SPECIFICATIONS 028213.13 AND 028213.19 FOR ASBESTOS REMOVAL AND ABATEMENT REQUIREMENTS.
2.	REFER TO ASBESTOS INSPECTION REPORT DATED 2/25/2022 AND CURRENT ASBESTOS/LEAD CONSULTANT FINDINGS.
ASE	SESTOS ABATEMENT LEGEND
	LIMIT OF CONSTRUCTION AREA
	– – ASBESTOS REGULATED AREA
	REMOVE ASBESTOS CONTAINING MAGNESIA INSULATION ASSOCIATED 8" O.D. PIPE CONSTRUCTION BOUNDARY TO BE MADE OF
	EDGE GAURD
	REMOVE ASBESTOS CONTAINING BLACK MASTIC ASSOCIATED WITH MULTICOLORED CARPET
	PDF AND W/EDF
\leftarrow	\rightarrow ASBESTOS TRANSPORT PATH TO EXIT

	ARCHITECT/ENGINEER OF RECO	RD STAMP	Office of	Drawing Title HAZARDOUS MATERIALS PLAN -	Phase ISSUE FOR BID	Project Title EHRM INFRAS	STRUC
nn	\sim		Construction and Facilities	ASBESTOS/LEAD - EHRM BUILDING - BASEMENT & 3RD FLOOR ENLARGED PLAN		UPGRADES	
Scientists	Bancing Same Same Same Same Same Same Same Same	RD. 062 362	Management	SHEET 32 OF 279		Location FARGO VA HE	EALTH (
ARGO, ND 58078 (. (701) 282-9635	BANCROFT ARCHITECTS + ENGINEERS www.bancroft-ae.o Bancroft Project No: 18-121	om	VA U.S. Department of Veterans Affairs			Issue Date 3/18/2022	Checke
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					LIFE SAFETY P
					CONTRACTOR IS REQUIRED TO MAINTAI REFER TO RATED PARTITION NOTES BEL
A					PATH OF EGRESS
					FEC FIRE EXTINGUISHER CABINET
					RATED PARTI
					SMOKE ZONE BARRIERS REQUIRED TO BE OF 1 HOUR FIRE RESIS 18.3.2.7.5)
					WALL: WALL EXTENDS FROM FLOOR TO DUCTS: ALL DUCT PENETRATIONS ARE F SMOKE DAMPERS ARE NOT REQUIRED V COMPARTMENTS ARE PROTECTED BY Q THROUGHOUT EACH COMPARTMENT. PENETRATIONS: ALL PENETRATIONS ARE FIRESTOP MATERIALS FOR PROTECTING ASSEMBLIES. PENETRATIONS ARE TO BE
В					WALL. DOORS: ALL DOORS FOR SMOKE BARRIE 1. LABELED FRAME 2 20 MINUTE OR SOLID WO
					 20 MINUTE OR SOLID WO MAXIMUM 1296 SQ. IN. WI POSITIVE LATCHING REQ SELF CLOSING OR AUTOM MAXIMUM 1/8" GAP (NFPA
					 MAXIMUM 1" UNDERCUT (8. MAXIMUM 48" PROTECTIV 9. SWING IN DIRECTION OPF 18.3.7.6)
					10. SMOKE DOOR ASSEMBLIE ANNUALLY (NFPA 105 5.2.1
					<u>1-HOUR FIRE BARRIER</u> THIS APPLIES TO 1-HOUR FIRE RATED OF HAZARDOUS ROOM ENCLOSURES AND STAIRWELLS 3 STOR
С					WALL: WALL EXTENDS FROM FLOOR TO DUCTS: STEEL DUCT PENETRATION PROTECTED BY FIRE DAMPERS.
					MATERIALS FOR PROTECTING 1-HOUR W ARE REQUIRED TO BE FILLED ON BOTH S DOORS*: ALL DOORS REQUIRE THE FOL
					LABELED FRAMES (NFPA 8 LABELED 3/4 OR 1-HOUR E MAXIMUM 100 SQ. IN. WINI DOSITIVE LATCHING (NEP
					 FOORTVE EATORING (NT7) SELF CLOSING OR AUTON COORDINATING DEVICES MAXIMUM 1/8" GAP (NEPA)
					 MAXIMUM 1/8 GAP (NPPA MAXIMUM 3/4" UNDERCUT MAXIMUM 16" PROTECTIVE SWING IN PRIMARY DIRECTIVE
40 AM					10. SWING IN PRIMARY DIREC 18/19.2.2.2). 11. PERIODIC INSPECTION AN AT AT LEAST ANNUALLY (N * 1-HOUR DOORS ARE REQUIRED IN STA
D 5/2022 9:58:					<u>2-HOUR FIRE BARRIER</u> THIS APPLIES TO OCCUPANCY SEPARAT
3/·					AND STAIRWELLS OF 4 OR MORE STORIE WALL: WALL EXTENDS FROM FLOOR TO DUCTS: ALL DUCT PENETRATIONS ARE F
					MATERIALS FOR PROTECTING 2-HOUR W ARE REQUIRED TO BE FILLED ON BOTH S DOORS: ALL DOORS REQUIRE THE FOLL
					 LABELED FRAMES (NFPA LABELED 1 1/2 HOUR DOC MAXIMUM 100 SQ. IN. WIN POSITIVE LATCHING (NEP
					 FOORTIVE EXTENSION (NIT) SELF CLOSING OR AUTOM COORDINATING DEVICES MAXIMUM 1/8" GAP (NEPA)
A001.dwg					 MAXIMUM 3/4" UNDERCUT MAXIMUM 16" PROTECTIV SWING IN PRIMARY DIRECTION
B Working					18/19.2.2.2). 11. PERIODIC INSPECTION AN AT AT EAST ANNUALLY (N
2- Drawings\					
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AFETY PLAN LEGEND	GENERAL PLAN DEMOLITION NOTES	GENERAL RCP DEMOLITION NOTES	GENERAL FLOOR PLAN NOTES
QUIRED TO MAINTAIN ALL RATED PARTITIONS. RTITION NOTES BELOW. OF EGRESS EXIT SIGN EXTINGUISHER NET EXTINGUISHER NET DPARTITION NOTES DELOW. EXIT SIGN EXTINGUISHER NET DOPARTITION AND CONTINUES ERS 1 HOUR FIRE RESISTANCE RATING. (NFPA 101, NS FROM FLOOR TO DECK ABOVE. NETRATIONS ARE PROTECTED BY SMOKE DAMPERS. RE NOT REQUIRED WHER ADJACENT SMOKE E PROTECTED BY QUICK RESPONSE SPRINKLERS COMPARTMENT. PENETRATIONS ARE TO BE SEALED WITH LISTED S FOR PROTECTING 1-HOUR FIRE AND SMOKE WALL RATIONS ARE TO BE SALED WITH SIDES OF THE FOR SMOKE BARRIERS REQUIRE THE FOLLOWING: LED FRAME NUTE OR SOLID WOOD CORE (NFPA 101 18.3.7.6) WUM 1296 SQ. IN. WINDOW (NFPA 80 4.4.4) TIVE LATCHING REQUIRED CLOSING OR AUTOMATIC CLOSING (NFPA 101 18.3.7.8) WUM 18" GAP (NFPA 101 18.3.7.6.) WUM 18" GAP (NFPA 101 18.3.7.6.) WUM 18" RAP (NFPA 101 18.3.7.6.) G IN DIRECTION OPPOSITE OF EACH OTHER (NFPA 101 6) E DOOR ASSEMBLIES SHALL BE TESTED AT LEAST ALLY (NFPA 105 5.2.1.1) ER HOUR FIRE RATED OCCUPANCY SEPARATIONS, TAIRWELLS 3 STORIES OR LESS. IDS FROM FLOOR TO DECK ABOVE. L DUCT PENETRATIONS ARE SEALED WITH LISTED FIRESTOP DTECTING 1-HOUR WALL ASSEMBLIES. PENETRATIONS IS ERQUIRE THE FOLLOWING: ED FRAMES (NFPA 80 4.2.1) ED TRAMES (NFPA	 REVIEW THIS DRAWING IN CONJUNCTION WITH CORRESPONDING FIRE PROTECTION, PLUMBING, MECHANICAL AND ELECTRICAL DRAWINGS FOR PULL SCOPE OF DEMOLITION WORK. REFER TO REFLECTED CELLING DEMOLITION PLAN FOR DEMOLITION WORK AT CELLING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COMPLETE DEMOLITION AND REMOVAL OF ALL EXSTING WALLS, CELINGS, FLOORS, ELECTRICAL, TELEPHONE AND PLUMBING CONSTRUCTION AS WELL ASALI MATERIALS, FINISHES AND PCUMPHENT THAT IS NOT SPECIFICALLY SHOWN OR CALLED FOR AS REQUIRED TO FACILITATE THE NEW CONSTRUCTION WORK NOT SPECIFICALLY SHOWN OR CALLED FOR AS REQUIRED TO FACILITATE THE NEW CONSTRUCTION WORK NOT SPECIFICALLY SHOWN OR CALLED FOR AS REQUIRED TO FACILITATE THE NEW CONSTRUCTION WORK NOT THE DEMOLITION PLAN THAT ARE A PART OF THE DEMOLITON WORK, BUT NOT LIMITED TO ARE CASEWORK, SHELVING, DOOR HARDWARE, MISC ALLY SHOWN ON THE DEMOLITION PLAN THAT ARE A PART OF THE DEMOLITON WORK, BUT NOT LIMITED TO ARE CASEWORK, SHELVING, DOOR HARDWARE, MISC AND BARCHARLS, CHAR RINKS, BRACKETS, HOOKS, ETC. VERIFY EXISTING CONDITIONS AND PROMPTLY REPORT ANY DRAWING DISCREPANCIES TO THE COR AND ARCHITECT. ALL CONSTRUCTION TO REMAIN THAT IS AFFECTED BY DEMOLITION SHALL BE PATCHED PLASTERED AND BE PROPERLY MEINBERED AND ALIGNED SO AS TO LEAVE NO EVIDENCE OF PATCHING OR REPAIR. DURING THE COURSE OF REMOVED IN THE SUBSTRATE BECOMES DAMAGED BEYOND REPAIR, REPLACE DAMAGE SETCO.) THE SUBSTRATE BECOMES DAMAGED BEYOND REPAIR REPLACE DAMAGE SETCO.) TO THE SUBSTRATE BECOMES DAMAGED BEYOND REPAIR REPLACE DAMAGE SETCO.) TO BE REMOVED IN THEMS INDICATED TO REMAIN FLOORS, WALLS, ETCO.) THE SUBSTRATE BECOMES DAMAGED BEYOND REPAIR REPLACE DAMAGE SETCO.) TO REMAIN DEVICE OF COURSE OF REMOVED IN THE SUBSTRATE BECOMES DAMAGED BEYOND REPAIR REPLACE DAMAGE SETCO.) TO BE REMOVED IN THE SENTIRETY, INCLUDING WALLS WITCHES, OUTLETS. THERMOSTATIS, ETC. PATCH ADITING WALLS, FLOORS AND CELINGS AS REQUIRED. REMOVE EXISTING THEMS SCHEDUED TO REMAIN AS AN ECESSARY TO	 REVIEW THIS DRAWING IN CONJUNCTION WITH CORRESPONDING FIRE PROTECTION, PLUMBING, MECHANICAL AND ELECTRICAL DRAWINGS FOR FULL SCOPE OF DEMOLITION WORK. REFER TO SHEET GI02 FOR GENERAL DEMOLITION NOTES, FIRE AND SAFETY NOTES. IN AREAS OF NEW WORK, REMOVE COMPLETELY ALL EXISTING CELLINGS. NEW CELINGS SUSPENSION SYSTEM ENTIRELY, INCLUDING HANGERS, TO INSTALL NEW. REMOVE ALL POWER WIRNC, CONDUITS, JUNCTION BOXES AND SUPPORT SYSTEMS ASSOCIATED WITH REMOVED CELLING FIXTURES. REMOVE WIRING BACK TO RESPECTIVE POWER PANELS. CEILING PLAN DEMOLITION LEGENDD I + GRID AND HANGERS TO BE REMOVED I + GRID AND HANGERS TO BE REMOVED I + GRID AND HANGERS TO BE REMOVED. REFER TO ELECTRICAL DRAWINGS. I REFER TO ELECTRICAL DRAWINGS. I REFER TO LECTRICAL DRAWINGS. AREA NOT INCLUDED IN CONTRACT I AREA NOT INCLUDED IN CONTRACT I EXISTING SPRINKLER HEAD TO BE REPLACED. REFER TO FIRE PROTECTION DRAWINGS.	 REVIEW THIS DRAWING IN CONJUNCTION WITH CORRESPONDING FIRE PROTECTION, PLUMBING, MECHANICAL AND ELECTRICAL DRAWINGS FOR FULL SCOPE OF WORK. ALL DIMENSIONS ARE TO THE FINISH FACE OF PARTITIONS UNLESS OTHERWISE NOTED. ALL DIMENSIONS ARE TO THE FINISH FACE OF PARTITIONS UNLESS OTHERWISE NOTED. ALL DIMENSIONS ARE TO THE FINISH FACE OF PARTITIONS UNLESS OTHERWISE NOTED. CONTRACTOR SHALL REPAIR AND PATCH ALL EXISTING WALL EXISTING WALLS, FLOORS, AND COLINGS AFTECTED BY NEW CONSTRUCTION. CONTRACTOR SHALL REPAIR AND PATCH ALL EXISTING WALL CONSTRUCTION WHERE GRACKS DENTS, HOLES OR OTHER IMPREFECTIONS HAVE OCCURRED AND PREPARE SMOOTH SURFACE FOR NEW FINISH. ANY DAMAGE TO SUCH AREAS SHALL BE RESTORED TO A 'LIVENEW' CONDITION AS NOTED PRIOR TO THE OWNERS ACCEPTANCE OF THE WORK. PROVIDE SULCOME SEALANT JOINTS AT JUNCTION OF ALL PLUMBING FIXTURES & COUNTERTORY TO A WALL SURFACE. DO NOT SCALE DRAWINGS. USE THE GIVEN DIMENSIONS. COORDINATE ALL SHOP DRAWING REQUIREMENTS. LEVEL ENTIRE FLOOR WITH CEMENT UNDERLAYMENT IN AREAS TO RECEIVE FLOORING. ALL OUTTING, CORING AND DRILLING OF EXISTING CONCRETE MEMBERS SHALL NOT DAMAGE EXIST. REINFORCING STEEL PRIOR TO CORING VERIFY SZE AND LOCATION WITH THE COR AND OBTIALINA SUCCESSFUL REVIEW FROM THE STRUCTURAL ENGINEER ALL OUTTING, CORING AND DRILLING STALL BE PERFORMED BY WET TOOLS, CONTRACTOR TO MITGATE WATER ON BOTH SIDES OF OUT AS NOT DO AMAGE ANY EXISTING PROPERTY OR EQUIPMENT. EXISTING ROOMS WITH SUSPENDED CELLINGS AND PRIDENT SPRINKLERS SHALL REMAIN PROTECTED WHEN SUSPENDED CELLINGS AND PRIVACED. PENDENT SPRINKLERS SHALL BE CHANGED OF WALL ON PULLINGS STRUCTURAL SPRINKLERS SHALL REMAIN PROTECTED WHEN SUSPENDED CELLINGS AND PROVED. PENDENT SPRINKLERS SHALL BE CHANGED OF WALL ON THE ORTRACTOR TO ADEQUATELY PROTECTE PROTECTION WITH SUSPENDED CELLINGS AND PROVED. PENDENT SPRINKLERS SHALL BE CHANGED DO THING AND FINISHES TO ADECOUND. <li< td=""></li<>
AUM 100 SQ. IN. WINDOW (NFPA 80 4.4.5) IVE LATCHING (NFPA 80 6.4.1.4) CLOSING OR AUTOMATIC CLOSING (NFPA 80 6.4.1) DINATING DEVICES REQUIRED (NFPA 80 6.4.1.2.1) AUM 1/8" GAP (NFPA 80 6.3.1.7.3) AUM 3/4" UNDERCUT (NFPA 80 4.8.4.1) AUM 16" PROTECTIVE PLATE (NFPA 80 6.4.5.1) G IN PRIMARY DIRECTION OF TRAVEL (NFPA 101 2.2.2). DIC INSPECTION AND TESTING SHALL BE PERFORMED			SMOKE BARRIER SMOKE BARRIER (EXISTING) FLOOR PLAN LEGEND EXISTING PARTITION WALL NEW PARTITION WALL
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RDINATING DEVICES REQUIRED (NFPA 80 6.4.1.2.1)

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IMUM 3/4" UNDERCUT (NFPA 80 4.8.4.1)

IMUM 16" PROTECTIVE PLATE (NFPA 80 6.4.5.1)

IG IN PRIMARY DIRECTION OF TRAVEL (NFPA 101 .2.2.2).

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DDIC INSPECTION AND TESTING SHALL BE PERFORMED EAST ANNUALLY (NFPA 80 5.2.4.1)

ARCHITECT/ENGINEER OF RECORD Office Construct and Facili \checkmark Managem 3300 Dundee RD. Northbrook, IL 60062 T: 847.952.9362 C. www. bancroft-ae.com Bancroft Project No: 18-121 DATE: <u>03/18</u> VA U.S. Depa of Vetera BANCROFT ARCHITECTS + ENGINEERS

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	GENERA
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	2X2 SUSPENDED ACOUSTIC
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CONTRACTOR PLAN KEYNOTES CONTRACTOR			 A. FUR GENERAL NUTES AND LEGENDS REFER TO SHEET A001. B. FOR GENERAL INFECTION CONTROL NOTES AND DETAILS REFER TO SHEET C. FOR FINISH SCHEDULE REFER TO SHEET AF-601. D. EXISTING IT/TR/OI&T ROOMS TO REMAIN ACTIVE DURING CONSTRUCTION. OF CONTINUOUS OPERATION OF EQUIPMENT. E. NOT ALL KEY NOTES APPLY TO ALL PLAN SHEETS. G.C. TO APPLY ONLY AS F. MAINTAIN A 4 ' - 0" CLEAR PATH OF TRAVEL IN THE CORRIDORS AT ALL TIME G. ALL WORK TO BE PERFORMED AS PART OF TR MODIFICATION SHALL BE CO H. APPLY FIRE RATED SEALANT TO ALL EXISTING AND NEW PENETRATIONS IN ASSEMBLY. FLOORR PLAN LEGEND 4'X8' AC GRADE 3/4" TRADE SIZE FIRE RATED PLYWOOD BAY WHITE WITH (2) COATS OF FIRE RESISTANT PAINT FOR SEF PROVIDER/SECURITY/VIDEO/ETC. AROUND PERIMETER WA AS SHOWN. ENSURE THAT FIRE RATING STAMP IS TO REM (X) DENOTES SIGNAGE LOCATION	GI101. G.C. TO PROTECT EQUIPMENT DURING CONSTRUCTION WITH VISQUEEN. CONTRACTOR TO ENSURE INDICATED PER EACH SHEET. S. NSIDERED AS TYPE IV AND FOLLOW "INFECTION CONTROL PRECAUTIONS FOR CLASS IV" ON SHEET GI101. I EXISTING WALLS TO MAKE EXISTING WALLS A 1 HR ASSEMBLY. BASIS OF DESIGN FOR 1 HR WALL IS UL 419 KBOARD PAINTED HIGH GLOSS VICE LS OF TRS AND ENTRANCE ROOMS IN UNCOVERED BY PAINT.
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10MITCLENSTILE ************************************	- - - - - - - - -	2A ^s	 CEILING PLAN KEYNOTES CONTRACTOR TO PAINT UNDERSIDE OF DECK WHERE FIREPROOFING O INSULATION ISN'T PRESENT BRIGHT WHITE. SEE ROOM FINISH SCHEDUL FOR BID PURPOSES ASSUME ENTIRE CEILING PERIMETER IS TO BE PAIN (2. INSTALL NEW CEILING GRID AND EDGE ANGLE. INSTALL NEW CEILING TI 	 SCHEDULED FLOOR FINISH. REMOVE PARTITION IN ITS ENTIRETY. PATCH AS REQUIRED ADJACENT WALL TO REMAIN TO RECEIVE NEW CONSTRUCTION OF RATED WALL PARTITION. PREPARE OPENING IN WALL FOR NEW FIRE EXTINGUISHER CABINET. SEE DETAIL 1/A-502. PREPARE OPENING IN EXISTING PARTITION TO RECEIVE NEW DOOR AND FRAME. SEE DOOR SCHEDULE. REMOVE EXISTING WINDOW ASSEMBLY IN ITS ENTIRETY. PREP OPENING FOR INFILL. DEMOVE EXISTING WINDOW ASSEMBLY IN ITS ENTIRETY. PREP OPENING FOR INFILL. STRUCTURE IS FIRE PROTECTED. FIRE PROOFING MAY BE DISTURBED DURING DEMOLITION. PATCH ANY FIREPROOFING ON STEEL THAT IS MISSING. PREMOVE EXISTING CEILING CEILING CEILING CEILING EXTENT REQUIRED TO
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SHEET 86 OF 279	on es ent	RCHITECTURAL - BUI SECOND FLOOR & ENL	LDING 40 - ARGED PLANS	Project Title Project Number EHRM INFRASTRUCTURE 437-21-205 UPGRADES Building Number 40 40 Location Drawing Number FARGO VA HEALTH CARE SYSTEM Drawing Number Issue Date Checked Drawn

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nent	SHEET 86 OF 279				Location FARGO VA HE/			
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TE TO CLEANLY REC L CONSTRUCTION.	EIVE NEW	
NG WALL MOUNTED	SERVER	
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BARRIER	2 HR FIRE BARRIER (EXISTING)	C
G PLAN LED	GED	
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		D
— METAL RAKE CLEAT		
— METAL SUPPORT AN — PREFINISHED RAKE	IGLES TRIM. MATCH	
DEPTH OF EAVE. — CONTINUOUS METAI	CI FAT	
— BRICK VENEER		
	8' 16'	E
— METAL RAKE CLEAT — METAL SUPPORT AN	NGLES	
	TRIM. MATCH	
— METAL STUD FRAMI	NG	
- CONTINUOUS METAL		
EXTEND UP BEHIND	METAL CLEAT.	
- PREFINISHED METAL	_ S-SLIP	
- STEEL SIDING J-CH	HANNEL	F
— STEEL SIDING		
0 2' 4'	8' 16'	
	Desistat	
TURE	437-21-205	
	Building Number	
	Drawing Number	
d Drawn	Λ 51 101	
JM	A-01-101	


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— 5/8" TYPE 'X' GYP. BOARD
 — 2-1/2"MTL STUDS @ 16"O.C.,
—— 8"C.M.U. WALL
 - 3" RIGID INSULATION
── AIR CAVITY
- FACE BRICK – RETURN BRICK TO
   SIDING
   - STEEL SIDING J-CHANNEL,
   FULL HEIGHT
  - STEEL SIDING
   - 3" INSULATION
  — 6" MTL STUDS @ 16" O.C., TYP
 — BATT INSULATION
   - 5/8" TYPE 'X' GYP. BOARD
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	Project Number
URE	437-21-205
	Building Number
	51
	Drawing Number
ARE SYSTEM	
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ISTRUCTION WITH VISQUEEN. CONTRACTOR TO ENSURE	
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SVE FURNITURE AND TURN OVER TO VA. STING CONCRETE FLOOR AS REQUIRED TO RECEIVE NEW H. S ENTIRETY. PATCH AS REQUIRED ADJACENT WALL TO REMAIN RUCTION OF RATED WALL PARTITION. ALL FOR NEW FIRE EXTINGUISHER CABINET. SEE DETAIL 1/A-502.	
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EILING GRID TO EXTENT REQUIRED TO / PARTITIONS. IRE.	
IN DRAWINGS FOR SPRINKLER HEAD MODIFICATIONS.	
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Project Number	
URE 437-21-205 Building Number 52	
CARE SYSTEM	
d Drawn JM A-52-101	

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			Location FARGO VA H	EALTH (
epartment rans Affairs	SHEET 90 OF 279		Issue Date 3/18/2022	Checke DA		
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CTION CONTROL PRECAUTIONS FOR CLASS IV" ON SHEET GI101. LS A 1 HR ASSEMBLY. BASIS OF DESIGN FOR 1 HR WALL IS UL 419	Α
TION PLAN KEYNOTES DVE EQUIPMENT WITHIN EXISTING OI&T OR IRM ROOM AND TURN	
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FRAME AND HARDWARE. PREPARE WALL CONSTRUCTION AT IE. ET AND REMOVE ALL ASSOCIATED ADHESIVE. PREP AND LEVEL	
OOR TO RECEIVE NEW FINISH. DVE ALL CASEWORK AND PLUMBING FIXTURE. CAP SUPPLY AT DLEGS.	
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EILING GRID TO EXTENT REQUIRED TO PARTITIONS.	
IN DRAWINGS FOR SPRINKLER HEAD MODIFICATIONS.	
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Project Number	
URE 437-21-205 Building Number 52	
CARE SYSTEM	

GENERAL NOTES	
 A. FOR GENERAL NOTES AND LEGENDS REFER TO SHEET A001. B. FOR GENERAL INFECTION CONTROL NOTES AND DETAILS REFER TO SHEET GI101. C. FOR FINISH SCHEDULE REFER TO SHEET AF-601. D. EXISTING IT/TR/OI&T ROOMS TO REMAIN ACTIVE DURING CONSTRUCTION. G.C. TO PROTECT EQUIPMENT DURING CONSTRUCTION WITH VISQUEEN. CONTRACTOR TO ENSURE CONTINUOUS OPERATION OF EQUIPMENT. E. NOT ALL KEY NOTES APPLY TO ALL PLAN SHEETS. G.C. TO APPLY ONLY AS INDICATED PER EACH SHEET. F. MAINTAIN A 4 ' - 0" CLEAR PATH OF TRAVEL IN THE CORRIDORS AT ALL TIMES. G. ALL WORK TO BE PERFORMED AS PART OF TR MODIFICATION SHALL BE CONSIDERED AS TYPE IV AND FOLLOW "INFECTION CONTROL PRECAUTIONS FOR CLASS IV" ON SHEET GI101. H. APPLY FIRE RATED SEALANT TO ALL EXISTING AND NEW PENETRATIONS IN EXISTING WALLS TO MAKE EXISTING WALLS A 1 HR ASSEMBLY. BASIS OF DESIGN FOR 1 HR WALL IS UL 419 ASSEMBLY. 	Α
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FLOOR PLAN LEGEND	c
X DENOTES SIGNAGE LOCATION	_
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Phase ISSUE FOR BID Project Title Project Number EHRM INFRASTRUCTURE 437-21-205 UPGRADES Building Number 56 56	
FARGO VA HEALTH CARE SYSTEM Issue Date 3/18/2022 DA JM	

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oartment ans Affairs	SHEET 91 OF 279				Location FARGO VA HEAI Issue Date 3/18/2022	LTH Check DA	
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	ISS	UE FOR BID					03-18-22			
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1	PARTITION 1-1/2"=1'-0"	N TYPES								
	B	PLYWOOD AT EX	ISTING F	PARTITIC	- DN	-		-	D	- 1HR RATED
		-	-	-	-	- -	RESIS	Fant Paint	'	(1) LAYER 5/8" (TYP (1) LAYER 3/4" PLY
	WALL TAG	PLYWOOD (1) LAYER 3/4" PLYWOOD	STUD WIDTH VARIES	PARTITION WIDTH +3/4"	FIRE RATING RATED	UL LISTING NOT	RE PLYWOOD BAG HIGH GLOSS WHITE	MARKS CKBOARD PAINTED WITH (2) COATS OF FIRE	WALL TAG	GYPSUM BOA (1) LAYER 5/8" (TYP
	LINE OF STRUCTURAL <u>SLAB</u>	SECTION VIEW PLAN	6"	— EXISTING P	PARTION				LINE OF STRUCTURAL <u>SLAB</u>	SECTION VIEW
	LINE OF CEILING	VIEW SECTION VI		— — — — — — — — — 4' x 8' AC G TO BE MOI	RADE ³ 4" TRAI	 DE SIZE FIRE ICALLY SEE S	RATED PLYWOOD BA	 CKBOARD. FOR LOCATION OF PLYWOOD.	LINE OF CEILING	SECTION VIEW
	UNDERSIDE OF STRUCTURE	EM							UNDERSIDE OF STRUCTURE	
	A	NON-RATED FUR	RING PA	RTITION	S				С	I HR RATED
		-	-	-	-	-				-
		(1) LAYER 5/8" (TYPE-X),	3-5/8"	4-1/4"	NOT RATED	NOT LISTED	STC-34	MIN. RATING	WALL TAG	GYPSUM BO/ 1 LAYER 5/8" (TY 1 LAYER 1" (TYPE-X), TREATED PLYV ON FXPOSED
	WALL TAG	GYPSUM BOARD	STUD	- ACOUSTIC	AL SEALANT, FIRE		BOTH SIDES TOP AN	ND BOTTOM.	<u>SLAB</u>	;
	LINE OF STRUCTURAL <u>SLAB</u>	SECTION VIEW PLAN		 METAL STU ABOVE. WALL BASE METAL RUN 	JD (18-20 GA.) E - SEE FINISI NNER, CONTI) FRAMING @ HED SCHEDU NUOUS. SECL	16" O.C. MAX. EXTEN .E. IRE TO CONCRETE SI	D TO STRUCTURE _AB @ 24" O.C.	LINE OF STRUCTURAL	CTION VIEW PLAN VIE
	LINE OF CEILING	VIEW		STRUCTUR — SOUND AT — (1) LAYER 5 OF STRUCT	RAL DRAWING TENUATION E 	GYPSUM BOA	TION 	XTEND TO UNDERSIDE	LINE OF CEILING	W SECTION VIE
	UNDERSIDE OF STRUCTURE			 FIRE RATE METAL RUN HEAD TRAC 	D ACOUSTICA	AL SEALANT, (NUOUS	CONTINUOUS BOTH S	RITERIA SHOWN ON	UNDERSIDE OF <u>STRUCTURE</u>	
		1								,

STRUCTURE			— MIN. SHIM	AS REQUIRE	D FOR TRUE &	PLUMB WALL SURFACE.	UNDERSIDE OF	
LINE OF CEILING	SECTION VIEW		SEAL (1) LA EXTE SEAL	ANT & BACKI AYER 5/8" (TY END TO UNDE ANT WHERE	er, continuo Pe-X) gypsum :Rside of str There IS No : 	US. I WALL BOARD & (1) LAYER 1" (TYPE-X). UCTURE AND INSTALL CONTINUOUS SUSPENDED CEILING.	LINE OF CEILING	SECTION VIEW
	PLAN VIEW		SOU (C1)	IND ATTENUA 4' x 8' AC GR/	ATION BATT ISU ADE $\frac{3}{4}$ " TRADE	JLATION SIZE FIRE RATED PLYWOOD BACKBOARD		
LINE OF STRUCTURAL <u>SLAB</u>	SECTION VIEW		6"	2-1/2" METAL SEALANT & B	RUNNER, CON ACKER, CONT	ITINUOUS. SECURE TO CONCRETE SLAB @ 24" O.C.	LINE OF STRUCTURAL <u>SLAB</u>	SECTION VIEW PLA
							WALL TAG	GYPSUM BOARD
WALL TAG	GYPSUM BOARD	WIDTH	WIDTH	RATING	LISTING	REMARKS		(2) LAYER 5/8" (TYPE-SCX),
C	1 LAYER 1" (TYPE-X), (1) LAYER ³ / ₄ TREATED PLYWOOD	4"	7-1/4"	1HR	NOT RATED	SHAFT WALL ASSEMBLY		EACH SIDE
	ON EXPOSED SIDE			-			E1	(2) LAYER 5/8" (TYPE-SCX), (1) LAYER 3/4" PLYWOOD
		_	_	-				-
C	1 HR RATED PARTI	i Tion at	L F EXISTIN	IG WAL	 L		E	2HR RATED PAR
UNDERSIDE OF STRUCTURE			— REFER TO — FIRE RATE	SCHEDULE E	BELOW FOR PA AL SEALANT, (RTITION WIDTH	UNDERSIDE OF STRUCTURE	
	SECTION VIEW		 METAL RU HEAD TRA STRUCTUF GLASS FIB 	NNER, CONTI CK SYSTEM T RAL DRAWING BER BATT INS	INUOUS TO ACCOMMOI GS ULATION 	DATE DEFLECTION CRITERIA SHOWN ON	LINE OF CEILING	SECTION VIEW
	PLAN VIEW		— (1) LAYER OF STRUC BACKBOAF 6" LOCATION	5/8" (Type-SC Ture Above Rd. To be MC Of Plywoo	CX) GYPSUM B E (4'x8' AC GRA DUNTED VERTI D.)	OARD ON EACH SIDE, EXTEND TO UNDERSIDE DE $\frac{3}{4}$ " TRADE SIZE RATED PLYWOOD CALLY SEE SHEETS A400 SERIES FOR		M DIAN VIEW
LINE OF STRUCTURAL	SECTION VIEW		METAL STU ABOVE. WALL BAS METAL RU	UD (18-20 GA. E - SEE FINIS NNER, CONTI	.) FRAMING @ .HED SCHEDUL INUOUS. SECU	16" O.C. MAX. EXTEND TO STRUCTURE .E. RE TO CONCRETE SLAB @ 24" O.C.	LINE OF STRUCTURAL <u>SLAB</u>	SECTION VIE
		STUD	- ACOUSTIC	AL SEALANT	, CONTINUOUS	BOTH SIDES TOP AND BOTTOM.		
WALL TAG		WIDTH	WIDTH	RATING	LISTING	REMARKS	WALL TAG	GYPSUM BOARD
D	EACH SIDE	3-5/8"	4-7/8"	1HR	UL U419	STC-45 RATING	F	(1) LAYER 5/8" (TYPE-SCX), EACH SIDE
D1	(1) LAYER 5/8" (TYPE-SCX), (1) LAYER 3/4" PLYWOOD	3-5/8"	5-5/8"	1HR	NOT LISTED	STC-45 RATING 4' X 8' SHEETS OF 3/4" PLYWOOD		-
	-	-	-	-	-	-		-
D	1HR RATED PART	ITIONS		1			F	IHR RATED FURRI

/ MIN. SHIM AS REQUIRED FOR TRUE & PLUMB WALL SURFACE.

Office of onstruction d Facilities anagement	Drawing Title ARCHITE	ECT	URAL - PAF	RTITION T	YPES	Phase ISSUE FOR BID EHRM INFRASTRU UPGRADES				ICTURE	
								Location FARGO VA H	EALTH CARE	-	
U.S. Department of Veterans Affairs	SHEET	ET 92 OF 279						Issue Date 3/18/2022	Checked DA		
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ATED FURRING PARTITION AT EXISTING WALL	

0 1/2' 1' 1 1/2'

UM BOARD	STUD WIDTH	PARTITION WIDTH	FIRE RATING	UL LISTING	REMARKS
5/8" (TYPE-SCX), CH SIDE	3-5/8"	4-7/8"	1HR	UL U419	STC-45 RATING
-	-	-	-	-	-
-	-	-	-	-	-
ED EI IBBIN					

	— 3-5/8" MET	TAL FURRING	@ 16" O.C. M	IAX
	— 3-5/8" ME ⁻ — SEALANT	TAL RUNNER	Continuou	S. SECURE TO CONCRETE SLA
			1 10	

+0+-	REFER TO SCHEDULE BELOW FOR PARTITION WIDTH.
	MIN. SHIM AS REQUIRED FOR TRUE & PLUMB WALL SURFACE.
	FIRE RATED SEALANT & BACKER, CONTINUOUS.
	(1) LAYER 5/8" (TYPE-X) GYPSUM WALL BOARD. EXTEND TO UNDERSIDE OF STRUCTURE AND INSTALL CONTINUOUS SEALANT WHERE THERE IS NO SUSPENDED CEILING.
3 <u>1</u> 31 — 8 8	
	3-5/8" METAL RUNNER, CONTINUOUS. SECURE TO CONCRETE SLAB @ 24" O.C.

ATED	PARTITION	

3-5/8"

3-5/8"

-

-

-

-

-

7

6

	REFER TO	SCHEDULE B	ELOW FOR PA	ARTITION WIDTH
	- FIRE RATE	D ACOUSTICA	AL SEALANT, (CONTINUOUS BOTH SIDES TOP AND BOTTOM
	- METAL RU	NNER, CONTI	NUOUS	
	- HEAD TRA	CK SYSTEM T RAL DRAWING	O ACCOMMOI S	DATE DEFLECTION CRITERIA SHOWN ON
	- GLASS FIB	ER BATT INSL	JLATION	
-				
-	 (1) LAYER : OF STRUC 	5/8" (TYPE-SC TURE ABOVE	X) GYPSUM B (USE BOARD	OARD ON EACH SIDE, EXTEND TO UNDERSIDE IF TO RECEIVE CERAMIC TILE)
	6"			
	– METAL STU ABOVE.	JD (18-20 GA.)	FRAMING @	16" O.C. MAX. EXTEND TO STRUCTURE
	- WALL BAS	E - SEE FINISI	HED SCHEDUL	. E .
	- METAL RU	NNER, CONTI	NUOUS. SECL	IRE TO CONCRETE SLAB @ 24" O.C.
	– ACOUSTIC	AL SEALANT,	CONTINUOUS	BOTH SIDES TOP AND BOTTOM.
	PARTITION WIDTH	FIRE RATING	UL LISTING	REMARKS
	6-1/8"	2HR	UL U419	STC-51 RATING
	7-3/8"	2HR	UL U419	STC-51 RATING 4' X 8' SHEETS OF 3/4" PLYWOOD

WALI	_ PARTITION
	GYPSUM BOARD
	PYLWOOD
	INSULATION

9

LEGEND

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С

Project Number 437-21-205 TURE Building Number Drawing Number CARE SYSTEM ed Drawn A-501 JM

-1'-0"	0	1/2' 1' 2'					
of ction lities	Drawing Title ARCHITECTU	RAL - WINDOW IN	IFILL	Phase ISSUE FO	R BID	Project Title EHRM INFRAST UPGRADES	RUC
nent	SHEET 94 C	DF 279				Location FARGO VA HEA Issue Date	LTH Check
partment cans Affairs						3/18/2022	DA
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	Project Number
ΓURE	437-21-205
	Building Number
	Drawing Number
CARE SYSTEM	
d Drawn	Λ 503
JM	A-303

	ROOM LOCATION	ROOM NO.	Width	Height	тнк	LEAF MATL	FINISH	ELEV.	MATL	FINISH	FR.	AME	JAMB	SILL		HDWR. SET NO.	GLASS	REI
	-9-46											DET.	DET.	DET.	(141114.)			
RA 20		BA 20	21.0"	7' 0"	4 2/4"		STAIN			DT	1	4/4604	E/AG01	6/4601	45		1	NOTES 1 4
BR-30		BR-30	3-0	7-0	1 3/4		STAIN	A .				4/A001	0/4004	0/4001	45		-	NOTES 1, 4,
BB-92		BB-92	3'-0"	7'-6"	1 3/4"	WD	STAIN	A	HM	PT	1	1/A601	2/A601	3/A601	45	HVV-SH-3E	-	NOTES 1, 4, ⁻
BD-84		BD-84	3'-0"	7'-0"	1 3/4"	WD	STAIN	A	HM	PT	1	4/A601	5/A601	6/A601	45	HW-\$H-3E	-	NOTES 1, 4, 1
BD-02	OI&T/TELEPHONE ROOM)	BD-02	3'-0"	7'-0"	1 3/4"	WD	STAIN	A	HM	PT	1	4/A601	5/A601	6/A601	45	HW-SH-3E	-	NOTES 1, 4, 1
BC-02	TR (CURRENTLY IRM)	BC-02	3'-0"	7'-6"	1 3/4"	WD	STAIN	A	HM	PT	1	1/A601	2/A601	3/A601	45	HW-SH-3E	-	NOTES 1, 4, ⁻
1B-121	TR (CURRENTLY IRM)	IB-121	3'-0"	7'-6"	1 3/4"	WD	STAIN	A	НМ	РТ	1	1/A601	2/A601	3/A601	45	HW-SH-3E	-	NOTES 1, 4
1C-100	VESTIBULE	1C-100	4'-0"	7'-0"	1 3/4"	WD	STAIN	A	НМ	РТ	1	10/A601	11/A601	3(SIM.)/A 601	45	HW-SH-3E	-	NOTES 1, 4, 1
1A-54	TR (CURRENTLY OI&T)	1A-54	3'-0"	7'-6"	1 3/4"	WD	STAIN	A	НМ	PT	1	1/A601	2/A601	3/A601	45	HW-SH-3E	-	NOTES 1, 4, 1
1C-99	TR (CURRENTLY OI&T)	IC-99	3'-0"	7'-6"	1 3/4"	WD	STAIN	A	нм	PT	1	1/A601	2/A601	3/A601	45	HW-SH-3E	-	NOTES 1, 4, ⁻
1D-158	TR (CURRENTLY IRM)	1D-158	3'-0"	7'-6"	1 3/4"	WD	STAIN	A	НМ	РТ	1	1/A601	2/A601	3/A601	45	HW-SH-3E	-	NOTES 1, 4, 1
1D-64A	TR (CURRENTLY OI&T)	1D-64A	3'-0"	7'-6"	1 3/4"	WD	STAIN	A	HM	РТ	1	1/A601	2/A601	3/A601	45	HW-SH-3E	_	NOTES 1, 4
24-24		24-24	3'-0"	7'-6"	1 3/4"	WD	STAIN	Δ	нм	PT	1	1/4601	2/4601	3/4601	45	HW-SH-3E		NOTES 1 4
20-27		20.00	0-0	7-0	4 0/4"							4/0.604	2/2001	0/4604	45			
20-33		20-33	3-0 "	7 -0" 	1.3/4″		STAIN	A 	V	FI			2/A001	5/A0U1	40		-	NOTES 1, 4, 7
2 Ç-9 0		20-90	3'-0"	7'-6"	1 3/4"	WD	STAIN	A	HM	PT	1	1/A601	2/A601	3/A601	45	HVV-SH-3E	-	NO FES 1, 4, 1
2D-18	TR (CURRENTLY STORAGE)	2D-18	3'-0"	7'-6"	1 3/4"	WD	STAIN	A	HM	PT	1	1/A601	2/A601	3/A601	45	HW-SH-3E	-	NOTES 1, 4, ⁻
3B-23		3B-23	3'-0"	7'-6"	1 3/4"	WD	STAIN	A	НМ	PT	1	4(STIVI)/A6	0(SIVI)/A6	0(SIIVI)/A6 01	45	HW-SH-3E	-	NOTES 1, 4, ⁻
3D-10	TR (CURRENTLY PRIMARY CARE OFFICE)	3D-10	3'-0"	7'-6"	1 3/4"	WD	STAIN	A	НМ	РТ	1	4(\$IM)/A6 01	5(SIM)/A6 01	б(SIM)/A6 01	45	HW-SH-3E	-	NOTES 1, 4,
3D-10A	STORAGE (CURRENTLY PRIMARY CARE OFFICE)	3D-10A	3'-0"	7'-6"	1 3/4"	WD	STAIN	A	НМ	ΡΤ	1	4(SIM)/A6 01	5(SIM)/A6 01	6(SIM)/A6 01	-	HW-4G	-	NOTES 1, 4, 1
4B-23	TR (CURRENTLY SATP OFFICE)	4B-23	3'-0"	7'-6"	1 3/4"	WD	STAIN	A	НМ	PT	1	4(SIM)/A6 01	5(SIM)/A6 01	6(SIM)/A6 01	45	HW-SH-3E	-	NOTES 1, 4, ⁻
4E-15A	TR (CURRENTLY STORAGE)	4E-15A	3'-0"	7'-6"	1 3/4"	WD	STAIN	A	нм	РТ	1	1/A601	2/A601	3/A601	45	HW-SH-3E	-	NOTES 1, 4
500	Penthouse A	_	2'- 7"	7'-0"	1 3/4"	НМ	PAINT	A	НМ	РТ	1	7/A601	8/A601	9/A601	_	HW-E1	_	NOTE 3, 8, 12
501	TR	501	3'-0"	7'-0"	1 3/4"	НМ	PAINT	Α	НМ	PT	1	1/A601	2/A601	3/A601	45	HW-SH-3E	_	NOTE 1
502	TR	502	3'-0"	7'-0"	1 3/4"	нм	PAINT	Δ	нм	PT	1	1/4601	2/4601	3/4601	45	HW-SH-3E	<u> </u>	NOTE 1
502		502	3-0	7-0	1 3/4		PAINT					1/2001	2/4001	3/4001	45		-	
503		503	3'-0"	8'-0"	1 3/4"	HM	PAINI	A	HM	PI	1	1/A601	2/A601	3/A601	45	HVV-SH-3E	-	NOTE 3
BUILDING 3	i 1	1	1	1			1				1		1		1		1	1
0005	TR	0005	3'-0"	8'-0"	1 3/4"	WD	STAIN	A	НМ	PT	1	1/A601	2/A601	3/A601	45	HW-SH-3E	-	NOTES 1, 4, 6
102B	TR (CURRENTLY TELE/EQUIP)	102B	3'-0"	8'-0"	1 3/4"	WD	STAIN	A	HM	PT	1	1/A601	2/A601	3/A601	45	HW-SH-3E	-	NOTES 1, 4, 6
101	CORRIDOR	101	3'-0"	8'-0"	1 3/4"	WD	STAIN	A	HM	PT	1	1/A601	2/A601	3/A601	_	HW-4	-	NOTES 1, 4, 6
101 202A	CORRIDOR TR (CURRENTLY ADJ. CHIEF)	101 202A	3'-0" 3'-0"	8'-0" 8'-0"	1 3/4" 1 3/4"	WD WD	STAIN STAIN	A	HM HM	PT PT	1	1/A601 1/A601	2/A601 2/A601	3/A601 3/A601	- 45	HW-4 HW-SH-3E	-	NOTES 1, 4, 6
101 202A BUILDING 5	CORRIDOR TR (CURRENTLY ADJ. CHIEF)	101 202A	3'-0" 3'-0"	8'-0" 8'-0"	1 3/4" 1 3/4"	WD	STAIN STAIN	A	HM	PT PT	1	1/A601 1/A601	2/A601 2/A601	3/A601 3/A601	- 45	HW-4 HW-SH-3E	-	NOTES 1, 4, 6
101 202A BUILDING 5 1029	CORRIDOR TR (CURRENTLY ADJ. CHIEF) i1 VE\$TIBULE	101 202A 1029	3'-0" 3'-0" 3'-0"	8'-0" 8'-0" 8'-0"	1 3/4" 1 3/4" 1 3/4"	WD WD ALUM	STAIN STAIN ANOD	A A B	HM HM ALUM	PT PT ANOD	1 1 2	1/A601 1/A601 8/A-51- 102	2/A601 2/A601 7/A-51- 102	3/A601 3/A601 9/A-51- 102	- 45 45	HW-4 HW-SH-3E HW-SH-3E	- - T	NOTES 1, 4, 6 NOTES 1, 4, 6 NOTE 3, 5, 7
101 202A BUILDING 5 1029 1030	CORRIDOR TR (CURRENTLY ADJ. CHIEF) 51 VESTIBULE TR	101 202A 1029 1030	3'-0" 3'-0" 3'-0" 3'-0"	8'-0" 8'-0" 8'-0" 8'-0"	1 3/4" 1 3/4" 1 3/4" 1 3/4"	WD WD ALUM HM	STAIN STAIN ANOD PAINT	A A B A	HM HM ALUM HM	PT PT ANOD PT	1 1 2 1	1/A601 1/A601 8/A-51- 102 10/A-51- 102	2/A601 2/A601 7/A-51- 102 5/A-51- 102	3/A601 3/A601 9/A-51- 102 6/A601 (SIM)	- 45 45 -	HW-4 HW-SH-3E HW-SH-3E	- - T	NOTES 1, 4, 6 NOTES 1, 4, 6 NOTE 3, 5, 7 NOTE 1, 6, 9
101 202A BUILDING 5 1029 1030 10/A-51-102	CORRIDOR TR (CURRENTLY ADJ. CHIEF) 1 VESTIBULE TR	101 202A 1029 1030	3'-0" 3'-0" 3'-0" 3'-0"	8'-0" 8'-0" 8'-0" 8'-0"	1 3/4" 1 3/4" 1 3/4" 1 3/4"	WD WD ALUM HM	STAIN STAIN ANOD PAINT	A A B A	HM HM ALUM HM	PT PT ANOD PT	1 1 2 1	1/A601 1/A601 8/A-51- 102 10/A-51- 102	2/A601 2/A601 7/A-51- 102 5/A-51- 102	3/A601 3/A601 9/A-51- 102 6/A601 (SIM)	- 45 45 -	HW-4 HW-SH-3E HW-SH-3E -	- - T -	NOTES 1, 4, 6 NOTES 1, 4, 6 NOTE 3, 5, 7 NOTE 1, 6, 9
101 202A BUILDING 5 1029 1030 10/A-51-102 111	CORRIDOR TR (CURRENTLY ADJ. CHIEF) 51 VESTIBULE TR TR	101 202A 1029 1030 111	3'-0" 3'-0" 3'-0" 3'-0"	8'-0" 8'-0" 8'-0" 8'-0" 7'-6"	1 3/4" 1 3/4" 1 3/4" 1 3/4" 1 3/4"	WD WD ALUM HM	STAIN STAIN ANOD PAINT STAIN	A A B A A	HM HM ALUM HM	PT PT ANOD PT	1 1 2 1 1	1/A601 1/A601 8/A-51- 102 10/A-51- 102 1/A601	2/A601 2/A601 7/A-51- 102 5/A-51- 102 2/A601	3/A601 3/A601 9/A-51- 102 6/A601 (SIM) 3/A601	- 45 45 - 45	HW-4 HW-SH-3E HW-SH-3E -	- - T -	NOTES 1, 4, 6 NOTES 1, 4, 6 NOTE 3, 5, 7 NOTE 1, 6, 9
101 202A BUILDING 5 1029 1030 10/A-51-102 111 211	CORRIDOR TR (CURRENTLY ADJ. CHIEF) i1 VESTIBULE TR TR TR	101 202A 1029 1030 1111 211	3'-0" 3'-0" 3'-0" 3'-0" 3'-0"	8'-0" 8'-0" 8'-0" 8'-0" 7'-6"	1 3/4" 1 3/4" 1 3/4" 1 3/4" 1 3/4" 1 3/4"	WD WD ALUM HM WD	STAIN STAIN ANOD PAINT STAIN STAIN	A A B A A A	HM HM ALUM HM HM	PT PT ANOD PT PT PT	1 1 2 1 1 1	1/A601 1/A601 8/A-51- 102 10/A-51- 102 1/A601 1/A601	2/A601 2/A601 7/A-51- 102 5/A-51- 102 2/A601 2/A601	3/A601 3/A601 9/A-51- 102 6/A601 (SIM) 3/A601 3/A601	- 45 45 - 45 45 45	HW-4 HW-SH-3E HW-SH-3E - HW-SH-3E HW-SH-3E	- - T -	NOTES 1, 4, 6 NOTES 1, 4, 6 NOTE 3, 5, 7 NOTE 1, 6, 9 NOTES 1, 4, 6
101 202A BUILDING 5 1029 1030 10/A-51-102 111 211 GENERAL 1	CORRIDOR TR (CURRENTLY ADJ. CHIEF) 1 VESTIBULE TR TR TR TR	101 202A 1029 1030 111 211	3'-0" 3'-0" 3'-0" 3'-0" 3'-0"	8'-0" 8'-0" 8'-0" 8'-0" 7'-6" 7'-6"	1 3/4" 1 3/4" 1 3/4" 1 3/4" 1 3/4" 1 3/4"	WD WD ALUM HM WD WD	STAIN STAIN ANOD PAINT STAIN STAIN NOTES:	A A B A A A	HM HM ALUM HM HM	PT PT ANOD PT PT PT	1 1 2 1 1 1	1/A601 1/A601 8/A-51- 102 10/A-51- 102 1/A601 1/A601	2/A601 2/A601 7/A-51- 102 5/A-51- 102 2/A601 2/A601	3/A601 3/A601 9/A-51- 102 6/A601 (SIM) 3/A601 3/A601	- 45 45 - 45 45 45 45 LEGEND	HW-4 HW-SH-3E HW-SH-3E HW-SH-3E HW-SH-3E	- - T -	NOTES 1, 4, 6 NOTES 1, 4, 6 NOTE 3, 5, 7 NOTE 1, 6, 9 NOTES 1, 4, 6
101 202A BUILDING 5 1029 1030 10/A-51-102 111 211 GENERAL 1 A.	CORRIDOR TR (CURRENTLY ADJ. CHIEF) i1 VESTIBULE TR TR TR NOTES: CONTRACTOR SHALL REVIEW HA	101 202A 1029 1030 1111 211	3'-0" 3'-0" 3'-0" 3'-0" 3'-0"	8'-0" 8'-0" 8'-0" 7'-6" 7'-6"	1 3/4" 1 3/4" 1 3/4" 1 3/4" 1 3/4" 1 3/4"	WD WD ALUM HM WD WD	STAIN STAIN ANOD PAINT STAIN STAIN NOTES: 1	A A B A A A KNOCK-D	HM HM ALUM HM HM	PT PT ANOD PT PT PT	1 1 2 1 1 1 NITH HOSI	1/A601 1/A601 8/A-51- 102 10/A-51- 102 1/A601 1/A601 PITAL STO	2/A601 2/A601 7/A-51- 102 5/A-51- 102 2/A601 2/A601 PS.	3/A601 3/A601 9/A-51- 102 6/A601 (SIM) 3/A601 3/A601	- 45 45 - 45 45 45 LEGEND HM =	HW-4 HW-SH-3E HW-SH-3E HW-SH-3E HW-SH-3E	- - - - -	NOTES 1, 4, 6 NOTES 1, 4, 6 NOTE 3, 5, 7 NOTE 1, 6, 9 NOTES 1, 4, 6
101 202A BUILDING 5 1029 1030 10/A-51-102 111 211 GENERAL 1 A.	CORRIDOR TR (CURRENTLY ADJ. CHIEF) 1 VESTIBULE TR TR TR TR NOTES: CONTRACTOR SHALL REVIEW HA	101 202A 1029 1030 1111 211	3'-0" 3'-0" 3'-0" 3'-0" 3'-0"	8'-0" 8'-0" 8'-0" 8'-0" 7'-6" 7'-6"	1 3/4" 1 3/4" 1 3/4" 1 3/4" 1 3/4"	WD WD ALUM HM WD WD	STAIN STAIN ANOD PAINT STAIN STAIN NOTES: 1	A A B A A A KNOCK-D	HM HM ALUM HM HM OWN DOO	PT PT ANOD PT PT R FRAME V	1 1 2 1 1 NITH HOSI	1/A601 1/A601 8/A-51- 102 10/A-51- 102 1/A601 1/A601 PITAL STO	2/A601 2/A601 7/A-51- 102 5/A-51- 102 2/A601 2/A601 PS.	3/A601 3/A601 9/A-51- 102 6/A601 (SIM) 3/A601 3/A601	- 45 45 - 45 45 45 LEGEND HM =	HW-4 HW-SH-3E HW-SH-3E HW-SH-3E HW-SH-3E	- - - - -	NOTES 1, 4, 6 NOTES 1, 4, 6 NOTE 3, 5, 7 NOTE 1, 6, 9 NOTES 1, 4, 6 NOTES 1, 4, 6
101 202A BUILDING 5 1029 1030 10/A-51-102 111 211 GENERAL 1 A.	CORRIDOR TR (CURRENTLY ADJ. CHIEF) 1 VESTIBULE TR TR TR TR NOTES: CONTRACTOR SHALL REVIEW HA VA/COR PRIOR TO ORDERING.	101 202A 1029 1030 1111 211	3'-0" 3'-0" 3'-0" 3'-0" 3'-0"	8'-0" 8'-0" 8'-0" 7'-6" 7'-6"	1 3/4" 1 3/4" 1 3/4" 1 3/4" 1 3/4" 1 3/4"	WD WD ALUM HM WD	STAIN STAIN ANOD PAINT STAIN STAIN NOTES: 1 2	A A B A A A A XNOCK-D 3/4" UNDE	HM HM ALUM HM HM OWN DOO	PT PT ANOD PT PT PT	1 1 2 1 1 1 NITH HOSI	1/A601 1/A601 8/A-51- 102 10/A-51- 102 1/A601 1/A601 PITAL STO	2/A601 2/A601 7/A-51- 102 5/A-51- 102 2/A601 2/A601 PS.	3/A601 3/A601 9/A-51- 102 6/A601 (SIM) 3/A601 3/A601	- 45 45 - 45 45 45 LEGEND HM = WD =	HW-4 HW-SH-3E HW-SH-3E HW-SH-3E HW-SH-3E HW-SH-3E	- - - - -	NOTES 1, 4, 6 NOTES 1, 4, 6 NOTE 3, 5, 7 NOTE 1, 6, 9 NOTES 1, 4, 6
101 202A BUILDING 5 1029 1030 10/A-51-102 111 211 GENERAL 1 A. B.	CORRIDOR TR (CURRENTLY ADJ. CHIEF) 1 VESTIBULE TR TR TR TR TR OTES: CONTRACTOR SHALL REVIEW HA VA/COR PRIOR TO ORDERING. SEE SPECIFICATIONS (DIVISION (101 202A 1029 1030 1111 211 ARDWARE 08 OPENIN	3'-0" 3'-0" 3'-0" 3'-0" 3'-0" SETS WITI	8'-0" 8'-0" 8'-0" 7'-6" 7'-6"	1 3/4" 1 3/4" 1 3/4" 1 3/4" 1 3/4" 1 3/4" 0 FRAMES	WD WD ALUM HM WD WD	STAIN STAIN ANOD PAINT STAIN NOTES: 1 2 3	A A B A A A A A 3/4" UNDE FULLY W	HM HM ALUM HM HM OWN DOO ERCUT.	PT PT ANOD PT PT PT	1 1 2 1 1 1 NITH HOSI	1/A601 1/A601 8/A-51- 102 10/A-51- 102 1/A601 1/A601 PITAL STO	2/A601 2/A601 7/A-51- 102 5/A-51- 102 2/A601 2/A601 PS.	3/A601 3/A601 9/A-51- 102 6/A601 (SIM) 3/A601 3/A601	- 45 45 - 45 45 45 LEGEND HM = VVD = ALUM =	HW-4 HW-SH-3E HW-SH-3E HW-SH-3E HW-SH-3E HW-SH-3E WOOD ALUMINUM	- - - -	NOTES 1, 4, 6 NOTES 1, 4, 6 NOTE 3, 5, 7 NOTE 1, 6, 9 NOTES 1, 4, 6 NOTES 1, 4, 6
101 202A BUILDING 5 1029 1030 10/A-51-102 111 211 GENERAL 1 A. B. C.	CORRIDOR TR (CURRENTLY ADJ. CHIEF) 1 VESTIBULE TR TR TR TR TR NOTES: CONTRACTOR SHALL REVIEW HA VA/COR PRIOR TO ORDERING. SEE SPECIFICATIONS (DIVISION OF SEE SPECIFICATION SECTION 08	101 202A 1029 1030 1111 211 ARDWARE 08 OPENIN	3'-0" 3'-0" 3'-0" 3'-0" 3'-0" SETS WITH	8'-0" 8'-0" 8'-0" 7'-6" 7'-6" H	1 3/4" 1 3/4" 1 3/4" 1 3/4" 1 3/4" 1 3/4" 0 FRAMES	WD WD ALUM HM WD WD	STAIN STAIN ANOD PAINT STAIN STAIN NOTES: 1 2 3 4	A A B A A A A A A S KNOCK-D 3/4" UNDE FULLY WE WOOD DO MATCH E	HM HM ALUM HM HM HM OWN DOO ERCUT. ELDED FR/ DOR - EAC XISTING A	PT PT ANOD PT PT PT PT AME. H LOCATIC	1 1 2 1 1 1 NITH HOSI	1/A601 1/A601 8/A-51- 102 10/A-51- 102 1/A601 1/A601 PITAL STO	2/A601 2/A601 7/A-51- 102 5/A-51- 102 2/A601 2/A601 PS.	3/A601 3/A601 9/A-51- 102 6/A601 (SIM) 3/A601 3/A601	- 45 45 45 45 45 45 45 LEGEND HM = WD = ALUM = PT =	HW-4 HW-SH-3E HW-SH-3E HW-SH-3E HW-SH-3E HW-SH-3E HOLLOW ME WOOD ALUMINUM PAINT	- - - -	NOTES 1, 4, 6 NOTES 1, 4, 6 NOTE 3, 5, 7 NOTE 1, 6, 9 NOTES 1, 4, 6 NOTES 1, 4, 6
101 202A BUILDING 5 1029 1030 10/A-51-102 111 GENERAL 1 A. B. C. D.	CORRIDOR TR (CURRENTLY ADJ. CHIEF) A VESTIBULE TR TR TR TR NOTES: CONTRACTOR SHALL REVIEW HA VA/COR PRIOR TO ORDERING. SEE SPECIFICATIONS (DIVISION O SEE SPECIFICATION SECTION 08	101 202A 1029 1030 1111 211 ARDWARE 08 OPENIN 71 00 FOF	3'-0" 3'-0" 3'-0" 3'-0" 3'-0" SETS WITI IGS) FOR D R HARDWA	8'-0" 8'-0" 8'-0" 7'-6" 7'-6" H H POORS AND RE SETS. TYPES.	1 3/4" 1 3/4" 1 3/4" 1 3/4" 1 3/4" 1 3/4" 0 FRAMES	WD WD ALUM HM WD WD	STAIN STAIN ANOD PAINT STAIN NOTES: 1 2 3 4 5	A A B A A A A A XNOCK-D 3/4" UNDE FULLY WE WOOD DO MATCH E2 CLEAR AN	HM HM ALUM HM HM HM OWN DOO ERCUT. ELDED FR/ DOR - EAC XISTING A NODIZED A	PT PT ANOD PT PT PT PT AME. H LOCATIC DJACENT I	1 1 2 1 1 NITH HOSI	1/A601 1/A601 8/A-51- 102 10/A-51- 102 1/A601 1/A601 1/A601 PITAL STO	2/A601 2/A601 7/A-51- 102 5/A-51- 102 2/A601 2/A601 PS. ND STAIN C	3/A601 3/A601 9/A-51- 102 6/A601 (SIM) 3/A601 3/A601 3/A601	- 45 45 45 45 45 LEGEND HM = WD = ALUM = PT = IG =	HW-4 HW-SH-3E HW-SH-3E HW-SH-3E HW-SH-3E HW-SH-3E HOLLOW ME WOOD ALUMINUM PAINT INSULATED	- T - - - :TAL	NOTES 1, 4, 6 NOTES 1, 4, 6 NOTE 3, 5, 7 NOTE 1, 6, 9 NOTES 1, 4, 6 NOTES 1, 4, 6
101 202A BUILDING 5 1029 1030 10/A-51-102 111 GENERAL 1 A. B. C. D. E	CORRIDOR TR (CURRENTLY ADJ. CHIEF) 1 VESTIBULE TR TR TR NOTES: CONTRACTOR SHALL REVIEW HA VA/COR PRIOR TO ORDERING. SEE SPECIFICATIONS (DIVISION O SEE SPECIFICATION SECTION 08 SEE SPECIFICATION SECTION 08	101 202A 1029 1030 1111 211 ARDWARE 08 OPENIN 71 00 FOF 80 00 FOF	3'-0" 3'-0" 3'-0" 3'-0" SETS WITH IGS) FOR D R HARDWA	8'-0" 8'-0" 8'-0" 7'-6" 7'-6" H	1 3/4" 1 3/4" 1 3/4" 1 3/4" 1 3/4" 0 FRAMES	WD WD ALUM HM WD WD	STAIN STAIN ANOD PAINT STAIN NOTES: 1 2 3 4 5	A A B A A A A A A A A 3/4" UNDE FULLY WE WOOD DO MATCH E2 CLEAR AN ADJACEN	HM HM ALUM HM HM HM OWN DOO ERCUT. ELDED FR/ DOR - EAC XISTING A NODIZED A IT.	PT PT ANOD PT PT PT PT PT AME. H LOCATIC DJACENT I ALUM DOOF	1 1 2 1 1 1 NITH HOSI NITH HOSI NITH STAN	1/A601 1/A601 8/A-51- 102 10/A-51- 102 1/A601 1/A601 1/A601 1/A601 ES, CUT AI	2/A601 2/A601 7/A-51- 102 5/A-51- 102 2/A601 2/A601 2/A601 PS. ND STAIN C TCH EXIST	3/A601 3/A601 9/A-51- 102 6/A601 (SIM) 3/A601 3/A601 3/A601	- 45 45 45 45 45 45 45 45 45 45 45 45 45	HW-4 HW-SH-3E HW-SH-3E HW-SH-3E HW-SH-3E HW-SH-3E HOLLOW ME WOOD ALUMINUM PAINT INSULATED	- T - - - - :TAL	NOTES 1, 4, 6 NOTES 1, 4, 6 NOTE 3, 5, 7 NOTE 1, 6, 9 NOTES 1, 4, 6 NOTES 1, 4, 6
101 202A BUILDING 5 1029 1030 10/A-51-102 111 GENERAL 1 A. B. C. D. E.	CORRIDOR TR (CURRENTLY ADJ. CHIEF) 1 VESTIBULE TR TR TR TR NOTES: CONTRACTOR SHALL REVIEW HA VA/COR PRIOR TO ORDERING. SEE SPECIFICATIONS (DIVISION O SEE SPECIFICATION SECTION 08 SEE SPECIFICATION SECTION 08 ALL WOOD DOORS ARE SOLID CO	101 202A 1029 1030 1111 211 ARDWARE 08 OPENIN 71 00 FOF 80 00 FOF	3'-0" 3'-0" 3'-0" 3'-0" SETS WITH IGS) FOR D R HARDWA	8'-0" 8'-0" 8'-0" 7'-6" 7'-6" H	1 3/4" 1 3/4" 1 3/4" 1 3/4" 1 3/4" 0 FRAMES	WD WD ALUM HM WD WD	STAIN STAIN ANOD PAINT STAIN NOTES: 1 2 3 4 5 6	A A B A A A A A A A A 3/4" UNDE FULLY WE WOOD DO MATCH E2 CLEAR AN ADJACEN KNOCK-D	HM HM ALUM HM HM HM OWN DOO ERCUT. ELDED FR/ DOR - EAC XISTING A NODIZED A IT. OWN DOO	PT PT ANOD PT PT PT PT PT AME. H LOCATIC DJACENT I ALUM DOOF	1 1 2 1 1 NITH HOSI NITH HOSI NITH STAN	1/A601 1/A601 8/A-51- 102 10/A-51- 102 1/A601 1/A601 PITAL STO ES, CUT AI AME TO MA NDARD STO EDOOD 110	2/A601 2/A601 7/A-51- 102 5/A-51- 102 2/A601 2/A601 2/A601 PS. ND STAIN C TCH EXIST	3/A601 3/A601 9/A-51- 102 6/A601 (SIM) 3/A601 3/A601 3/A601	- 45 45 - 45 45 45 LEGEND HM = WD = ALUM = PT = IG = ANOD =	HW-4 HW-SH-3E HW-SH-3E HW-SH-3E HW-SH-3E HW-SH-3E HOLLOW ME WOOD ALUMINUM PAINT INSULATED CLEAR ANOI	T - - - - - - - - - - - - - - - - - - -	NOTES 1, 4, 6 NOTES 1, 4, 6 NOTE 3, 5, 7 NOTE 1, 6, 9 NOTES 1, 4, 6 NOTES 1, 4, 6
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101 202A BUILDING 5 1029 1030 10/A-51-102 111 211 GENERAL 1 A. B. C. D. E.	CORRIDOR TR (CURRENTLY ADJ. CHIEF) 1 VESTIBULE TR TR TR TR OTES: CONTRACTOR SHALL REVIEW HA VA/COR PRIOR TO ORDERING. SEE SPECIFICATION SECTION 08 SEE SPECIFICATION SECTION 08 ALL WOOD DOORS ARE SOLID CO	101 202A 1029 1030 1111 211 ARDWARE 08 OPENIN 71 00 FOF 80 00 FOF ORE.	3'-0" 3'-0" 3'-0" 3'-0" SETS WITH IGS) FOR D R HARDWA R GLAZING	8'-0" 8'-0" 8'-0" 7'-6" 7'-6" H	1 3/4" 1 3/4" 1 3/4" 1 3/4" 1 3/4" 0 FRAMES	WD WD ALUM HM WD WD	STAIN STAIN ANOD PAINT STAIN STAIN NOTES: 1 2 3 4 5 6 7 8 9 10 11 12 13	A A A B A A A A A A A A A A A A A A A A	HM HM HM ALUM HM HM HM HM HM OWN DOO ERCUT. ELDED FR/ DOR - EAC XISTING A NODIZED A IT. OWN DOO ERCUT. ELDED FR/ DOR - EAC XISTING A NODIZED A IT. OWN DOO UTILITY L D AS PAR IT. OWN DOO UTILITY L D AS PAR IT. OWN DOO UTILITY L D AS PAR IT. OWN DOO UTILITY L D AS PAR IT. OWN DOO UTILITY L D AS PAR L L Y BROKE IN PLATES WALL RO JGH OPENI FRAME TO N FIELD. FRAME TO N FIELD.	PT PT PT ANOD PT PT PT PT PT PT PT PT PT PT PT PT PT	1 1 1 1 1 1 1 1 1 1 1 1 1 1	1/A601 1/A601 8/A-51- 102 10/A-51- 10/A-51- 10/A-51- 10/A-51- 10/A-51- 10/A-51- 10/A-51- 10/A-51- 10/A-51- 102 1/A601 1/A601 1/A601 1/A601 1/A601 1/A601 NDARD STO AME TO MA NDARD STO F DOOR HA ANCE DOO ULATED DO SED OF 14 EMAIN. LL. AL MASONF IAL ADA DO	2/A601 2/A601 7/A-51- 102 5/A-51- 102 2/A601 2/A601 2/A601 PS. PS. ND STAIN C TCH EXIST DPS. RDWARE R SYSTEM DOR ASSEI ga. MIN. TH	3/A601 3/A601 9/A-51- 102 6/A601 (SIM) 3/A601 3/A601 3/A601 3/A601 3/A601 102 COLOR TO ING ING NG. ATOR	- 45 45 45 45 45 45 45 45 45 45 45 45 45	HW-4 HW-SH-3E HW-SH-3E HW-SH-3E HW-SH-3E HW-SH-3E HOLLOW ME WOOD ALUMINUM PAINT INSULATED CLEAR ANOI TEMPERED		NOTES 1, 4, 6 NOTES 1, 4, 6 NOTE 3, 5, 7 NOTE 1, 6, 9 NOTES 1, 4, 6 NOTES 1, 4, 6
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101 202A BUILDING 5 1029 1030 10/A-51-102 111 211 GENERAL 1 A. B. C. D. E.	CORRIDOR TR (CURRENTLY ADJ. CHIEF) T VESTIBULE TR TR TR TR OTES: CONTRACTOR SHALL REVIEW HA VA/COR PRIOR TO ORDERING. SEE SPECIFICATION SECTION 08 SEE SPECIFICATION SECTION 08 ALL WOOD DOORS ARE SOLID CO	101 202A 1029 1030 1111 211 ARDWARE 08 OPENIN 71 00 FOF 80 00 FOF ORE.	3'-0" 3'-0" 3'-0" 3'-0" SETS WITH IGS) FOR D R HARDWA R GLAZING	8'-0" 8'-0" 8'-0" 7'-6" 7'-6" H OOORS AND RE SETS. TYPES.	1 3/4" 1 3/4" 1 3/4" 1 3/4" 1 3/4" 0 FRAMES	WD WD ALUM HM WD WD	STAIN STAIN ANOD PAINT STAIN STAIN NOTES: 1 2 3 4 5 6 7 8 9 10 11 12 13	A A B A A A A A A A A A A A A A A A A A	HM HM HM ALUM HM HM HM HM HM OWN DOO ERCUT. ELDED FR/ DOR - EAC XISTING A NODIZED A IT. OWN DOO ERCUT. ELDED FR/ DOR - EAC XISTING A NODIZED A IT. OWN DOO UTILITY L D AS PAR IT. OWN DOO	PT PT ANOD PT PT PT PT PT PT PT PT PT PT	1 1 1 1 1 1 1 1 1 1 1 1 1 1	1/A601 1/A601 8/A-51- 102 10/A-51- 10/A-51- 102 1/A601 IL AME TO MA NDARD STO F DOOR HA ANCE DOO ULATED DO SED OF 14 EMAIN. IL. AL ADA DO	2/A601 2/A601 7/A-51- 102 5/A-51- 102 2/A601 2/A601 2/A601 PS. PS. ND STAIN C TCH EXIST OPS. R DWARE R SYSTEM OOR ASSEI ga. MIN. TH	3/A601 3/A601 9/A-51- 102 6/A601 (SIM) 3/A601 3/A601 3/A601 3/A601 0 0 0 0 0 0 0 0 0 0 0 0 0	- 45 45 45 45 45 45 45 45 45 45 45 45 45	HW-4 HW-SH-3E HW-SH-3E HW-SH-3E HW-SH-3E HW-SH-3E HOLLOW ME WOOD ALUMINUM PAINT INSULATED CLEAR ANOI TEMPERED		NOTES 1, 4, 6 NOTES 1, 4, 6 NOTE 3, 5, 7 NOTE 1, 6, 9 NOTES 1, 4, 6 NOTES 1, 4, 6 NOTES 1, 4, 6

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BA-30	TR (CURRENTLY OI&T)) SDT	SDT-1	VB	VB-1	СМО	Р	P-1	CMU	Р	P-1	GWB	Р	P-1	СМU	Р	P-1	P-3	NA	NOTES 1, 2, 3, 4	5	TF Of	R (CURRENTLY OF	PEN SDT	SDT-1	1 VB	VB-1	GWB	P P-	-1 GW	/B P	P-1	GWB	Р	P-1	GWB	Р	P-1	P-3	N/	A NO	OTES 1, 2, 3, 4, 5
BB-69	CORRIDOR (ADJ TO B 30)	A VCT	MATCH EXISTING	VB	MATCH EXISTING	NA	NA	NA	NA	NA	NA	NA	NA	NA	CONC-2	P-2 E	MATCH XISTING	NONE	NA	NOTE 3, 4	1	OF	PENOFFICE	СРТ	CPT-1	1 VB	VB-1	GWB	р р.	-2 GW	/B P	P-2	NA	NA	NA	NA	NA	NA	ACT-	1 MAT EXIST	CH FING NO	DTE 9
BB-92	TR (CURRENTLY IRM)	SDT	SDT-1	VB	VB-1	GWB	Р	P-1	GWB	Р	P-1	GWB	Р	P- 1	GWB	Р	P- 1	P-3	NA	NOTES 1, 2, 3, 4	BUILDI	DING 12				·					·					•				·	-	
	CORRIDOR (ADJ TO B 92)	B-VCT	VCT-1	VB	VB-1	NA	NA	NA	NA	NA	NA	GWB	Р	P-2	NA	NA	NA	ACT-1	MATCH EXISTING	G NOTE 4	5	TF	R (CURRENTLY IR	M) SDT	SDT-1	1 VB	VB-1	BRICK	P P-	-1 CI V	IU P	P-1	GWB	Р	P-1	GWB	Р	P-1	GWB 3)	(P- SE REMA	E RKS NO	DTE 7
BD-84	TR (CURRENTLY IRM)	SDT	SDT-1	VB	VB-1	СМИ	Р	P-1	CMU	Р	P-1	СМU	Р	P-1	СМU	Р	P-1	P-3	NA	NOTES 1, 2, 3, 4	6	W	VAREHOUSE	CON	C ETR	VB	VB-1	GWB	P P.	-2 GW	/B P	P-2	NA	NA	NA	NA	NA	NA	NONE	= N4	A NO	DTES 3, 4
	CORRIDOR (ADJ TO BI 84	^{D-} VCT	VCT-1	VB	VB-1	NA	NA	NA	NA	NA	NA	СМО	P	P-2	NA	NA	NA	ACT-1	MATCH EXISTING	B NOTE 4	BUILDI	DING 30																				
BD-02	TR (CURRENTLY OI&T/ TELEPHONE)	SDT	SDT-1	VB	VB-1	CONC-2	Р	P-1	CONC-2	Р	P-1	GWB	Р	P-1	GWB	Р	P -1	P-3	NA	NOTES 1, 2, 3, 4		BA	ASEMENT	CON	C ETR	NA	NA	GWB	P SE REMA	E NARKS NA	A NA	NA	NA	NA	NA	NA	NA	NA	NONE	= N4	A NO	DTE 6
-	CORRIDOR (ADJ TO BI 02)	D- VCT	VCT-1	VB	VB-1	NA	NA	NA	CONC-2	P-2	MATCH EXISTING	NA	NA	NA	NA	NA	NA	NONE	NA	NOTE 4	BUILDI	DING 40				1									r			1				
BC-02	TR (CURRENTLY IRM)	SDT	SDT-1	VB		GWB	Р		GWB	Р		GWB	Р		GWB	Р		NONE	NA	NOTES 1, 2, 3.	102B	TF E(R (CURRENTLY TE QUIP)	ELE / SDT	SDT-1	1 VB	VB-1	GWB	P P-	-1 GW	/B P	P-1	GWB	Р	P-1	GWB	Р	P-1	P-3	N/	A NO	DTES 1, 2, 3, 4
			VCT-1	VB	VB-1	NA	NA	NA	NA	NA	NA	GWB	VWC	VWC-1	NA	NA	NA	ACT-1	EXISTIN	G NOTE 4		CC 10	ORRIDOR (ADJ TO 02B	О СРТ	CPT-2	2 VB	VB-1	NA M	IA N.	A GN	/В Р	P-2	NA	NA	NA	NA	NA	NA	ACT-	1 MAT EXIST	CH TING NO	DTE 9
1B-121	TR (CURRENTLY IRM)	SDT	SDT-1	VB	VB-1	GWB	P	P-1	GWB	P	P-1	GWB	P	P-1	GWB	P	P-1	P-3	NA	NOTES 1, 2, 3, 4			ORRIDOR (AT SUI NTRANCE)		VCT-1	1 VB	VB-1	GWB V		C-1 N/	A NA	NA	NA	NA	NA	GWB	VWC	VWC-1	ACT-	1 MAT EXIST	TING NO	DTE 4
1C-100	121)	³⁻ PT-1	EXISTING	PT-2	EXISTING	GWB	Р	P-2	NA	NA	NA	NA	NA	NA	GWB	P E	XISTING	GWB	EXISTIN	G NOTE 4	202A	' AE	R (CURRENTLY DJUNCT CHIEF)	SDT	SDT-1	1 VB	VB-1	GWB	P P-	-1 GW	/B P	P-1	GWB	Р	P-1	GWB	Р	P-1	NONE	E N/	A NO	DTES 1, 2, 3, 4
1A-54	OFFICE 1A-55)		SDT-1	VB	VB-1	GWB	P	P-1	GWB	P	P-1	GWB	P	P-1	GWB	Р	P -1	P-3	NA	NOTES 1, 2, 3, 4		20	ORRIDOR (ADJ TO 02A)	СРТ	CPT-2	2 VB	VB-1	GWB	P P.	-2 N/	A NA	NA	NA	NA	NA	NA	NA	NA	ACT-	1 MAT EXIST	CH FING NO	DTE 4
	54)		VCT-1	VB	VB-1	NA	NA	NA	GWB	P-2	EXISTING	NA	NA	NA	NA	NA	NA	ACT-1	EXISTING	G NOTE 4	BUILDI	DING 51									1				1							
1C-99	TR (CURRENTLY OI&T)		SDT-1	VB	VB-1	GWB	Р	P-1	GWB	P	P-1	GWB	P	P-1	GWB	P	P -1	P-3		NOTES 1, 2, 3, 4	1030	TF	R	SDT	SDT-1	1 VB	VB-1	GWB	P P.	-1 GW	/B P	P-1	GWB	P	P-1	GWB	Р	P-1	P-3	N/	A NO	DTES 1, 2, 3
	99		VCT-1	VB	VB-1	NA	NA	NA	NA	NA	NA	NA	NA	NA	GWB	VWC	VWC-1	ACT-1	EXISTING	G NOTE 4	1029	CC	ORRIDOR	VCT	VCT-1	1 VB	VB-1	GWB	P P.	-2 GW	/B P	P-2	GWB	P	P-2	GWB	Р	P-2	ACT-	1 9'-0	0" NA	i.
1D-158	TR (CURRENTLY IRM)	SDT	SDT-1	VB	VB-1	GWB	P	P-1	GWB	P	P-1	GWB	Р	P-1	GWB	P	P-1	P-3	NA	NOTES 1, 2, 3, 4	BUILDI	DING 52													1							
	158)	SSV	SSV-1	VB	VB-1	GWB	VWC '	VWC-1	NA	NA	NA	NA	NA	NA	NA	NA	NA	ACT-1	EXISTING	G NOTE 4	111	TF	R (CURRENTLY IR	M) SDT	SDT-1	1 VB	VB-1	GWB	P P-	-1 GW	/B P	P-1	GWB	P	P-1	GWB	P	P-1	P-3	N/	A NO	DTES 1, 2, 3, 4
1D-64A	TR (CURRENTLY OI&T)) SDT	SDT-1	VB	VB-1	GWB	P	P-1	GWB	P	P-1	GWB	P	P-1	GWB	P	P-1	P-3	NA MATCH	NOTES 1, 2, 3, 4	110	ME	IECH	CONC	-1 ETR	VB	VB-1	GWB	P P.	-2 N/	A NA	NA	NA	NA	NA	NA	NA	NA	NONE		A NO	DTE 4
- 1D-64	64A) CORRIDOR (ADJ TO 1	SSV	SSV-1	VB	VB-1	NA	NA	NA	NA	NA	NA	NA	NA	NA	GWB		VWC-1	ACT-1	EXISTIN		100			СРТ	CPT-2	2 VB	VB-1	GWB	P P-	-2 N/	A NA	NA	NA	NA	NA	GWB	P	P-2	ACT-2	2 EXIST		DTE 9
	64A)		SSV-1	VB	VB-1	GWB	VWC	VWC-1	NA	NA	NA	NA	NA	NA	NA	NA	NA	ACT-1	EXISTING	G NOTE 9	211	ST	TORAGE)	SDT	SDT-1	1 VB	VB-1	GWB	P P-	-1 GW	/B P	P-1	GWB	P	P-1	GWB	P	P-1	P-3	N/4	A NO	DTES 1, 2, 3, 4
2A-24	CORRIDOR (ADK TO 2/) SDT A- 550	SDT-1	VB	VB-1 MATCH	GWB	Р	P-1	GWB	Р 	P-1	GWB	Р	P-1	GWB	P	P-1	P-3	MATCH	NOTES 1, 2, 3, 4	210	ME	IECH	VCT	VCT-1	1 VB	VB-1	GWB	P P-	-2 N/	A NA	NA	NA	NA	NA	NA	NA	NA	NONE	E NA MAT	A NO	DTE 4
28-60	24	RES	RES-1	VB	EXISTING	NA	NA	NA	NA	NA	NA		NA	NA	GWB	vwc		ACT-1	EXISTING MATCH		200	01	PEN OFFICE	СРТ	CPT-2	2 VB	VB-1	GWB	P P.	-2 N/	A NA	NA	NA	NA	NA	GWB	Р	P-2	ACT-2	2 EXIST		DTE 9
2A-22			LVI-1		VB-1					NA	NA D.4	GWB	P	P-2		NA			EXISTING		GENER	ERAL NOTE: KIM COAT A	ES: ALL WALLS TO RE	MAIN WHERE	EXISTING FI	NISHES AR	E REMOVED.		NS													
20-33	CORRIDOR (ADJ TO 20		SDT-1		VB-1	GVVB		P-1	GVVB		P-1	GWB		P-1	GVVB		P-1	P-3	MATCH	NOTE 4	LEAVE	E WALLS S	SMOOTH FOR INST		F NEW FINISH	HES.				j LE	RESE	RESINOUS			URY VINYL	TILE		SDI: STA		ATIVE TILE	E	
20-01	33) TR (CURRENTLY				VB-1							GWB					NA D 1		EXISTING		B. SEE			109 29 00 FOF		ARD TYPE	5.	CMU: CONCRE		Y UNI I	WP: W			P: PAINT		-		VB: VINYL	BASE			TED
20-90	SUPPLY) CORRIDOR (ADJ TO 20				VB-1									P-1	CWB				MATCH	NOTE 4	C. TYF	YPICAL WAL	ILL SUB-BASE GYF	SUM BUARD	U.N.U.						GVVB:		L BD.	PT: PORC				TU 5. DO			UR PLAST	IER
20.19	90) TR (CURRENTLY				VD-1					 				INA	CWP				EXISTIN		D. FLO DOOR	.00R FINISH R LOCATIO	H TRANSITIONS T INS. COORINATE 1	O RECEIVE T	RANSITION S TYPE WITH S	TRIP AT AL	L INTERIOR FINSIHES.			IE										LE		
20-18	STORAGE) CORRIDOR (ADJ TO 20				MATCH		P	P*+1		P*	Г"~ I			NA	CWB				MATCH	NOTE 4								55V: SOLID SI											APPLICABL	E		
38.23			SDT 1		EXISTING	CW/R			GWIR			CW/B			GWB				EXISTING		NOTES	ES:																				
-	CORRIDOR (ADJ TO 3E	3- VCT	VCT_1	VB	VB-1			ΝΔ	GWB		V/M/C_1		ΝΔ	NA			ΝΔ	ACT-1	MATCH		1. PRE	REP EXISTIN	NG CONCRETE SU	JBSTRATE TO	RECEIVE ST	ATIC DISSI	PATIVE TILE (SDT) ASSEMBLY A	S RECOMME	NDED BY SD	T MANUFAC	TURER.			_							
		v v v v v v v v v v v v v v v v v v v			VU-1				000	~~~~	VV0-1								EXISTING		2. EXT	TEND GWB	3 (ALL PARTITIONS SEMBLIES.	S - BOTH SIDE	S OF PARTIT	TONS) TO U	INDERSIDE OF	DECK. INSTALL 1	-HOUR SEAL	ANT ASSEME	BLY AT PAR	TITION'S HEAD) and base	E - BOTH SIDE	es. all pe	ENETRATIO	NS THROUG	GH PARTITI	ONS SHALL	. BE 1-HOU	R Manuf/	ACTURED RE-
3D-10			LVT-1	VB	VB-1	GWB	Р	P-1	GWB	Р	P-1	GWB	Р	P -1	GWB	Р	P -1	ACT-1	MATCH EXISTING	G NOTES 1, 2, 4, 8	3. NO F	FINISH CEI	eiling.																			
	TR (CURRENTLTY																				4. REP.	PAIR FINIS	HES TO MATCH E	XISTING WHE	RE IMPACTE	D BY DEMO	LITION / INST.	LL OF NEW PART	ITIONS AND	/ OR DOOR F	RAMES. RE	PAIR / REPLAC		SCHEDULED	AS EXIST	ING TO REM	AIN ANY CI	EILINGS DA	MAGED DU	RING DEM		AND CONSTRUCTIO
≥ 3D-12	PRIMARY CARE OFFICE)	SDT	SDT-1	VB	VB-1	GWB	Р	P-1	GWB	Р	P-1	GWB	P	P-1	GWB	P	P- 1	P-3	NA	NOTES 1, 2, 3, 4	NEW P	PARTITION	NS AND / OR DOOF	RS. IN IABOVE IS	DELAMINATIN	NG FROM R		IRE. REINSTALL C	R REPLACE	IINSULATION	AS REQUI	RED FOR AN IN		CCEPTABLE	CONTINU	OUS INSULA	TION BARR	RIER, COOR	DINATE AS	REQUIRED	D TO PRO	VIDE INSULATION
3:55:0	CORRIDOR (ADJ TO 30 10 & 3D-10A)	Р- уст	VCT-1	∨в	VB-1	NA	NA	NA	NA	NA	NA	NA	NA	NA	GWB	vwc	VWC-1	ACT-1	MATCH	NOTE 4	TIGHT	IT TO NEW F	PARTITIONS EXTE	ENDING TO U	NDERSIDE OF	ROOF STI	RUCTURE.		-			-					-		-			
2202/ 4B-23	TR (CURRENTLY SATP	SDT	SDT-1	VB	VB-1	GWB	Р	P-1	GWB	Р	P-1	GWB	Р	P-1	GWB	Р	P -1	P-3	NA	NOTES 1, 2, 3, 4	6. PAIN	NINT FULL LE	ENGTH OF WALL I	FROM FLOOR	TO UNDERSI	DE OF STF	UCTURE ABO	VE PRIOR TO INST	ALLATION O	FTELECOM	MUNICATION	NS EQUIPMEN	Τ.									
3/6	CORRIDOR (ADJ TO 4E	³⁻ RES	RES-1	VB	VB-1	NA	NA	NA	GWB	vwc	VWC-1	NA	NA	NA	NA	NA	NA	ACT-1	MATCH	NOTE 4	7.1-HC	HOUR RATE	ED SHAFT WALL C	EILING ASSE	MBLY. ALIGN	WITHTOP	OF EXISTING I	PARITIONS.														
4E-15A	TR (CURRENTLY STORAGE)	SDT	SDT-1	VB	VB-1	GWB	Р	P-1	GWB	Р	P-1	GWB	Р	P-1	GWB	Р	P-1	P-3	NA	NOTES 1, 2, 3, 4	8. EXIS	ISTING ACT	T CEILING SYSTE	M TO REMAIN	. MODIFY AS F	REQUIRED	FOR A FULLY	FINISHED ASSEM	BLY AGAINST	NEW PARTI	TION(S).											
4E-15	COMPUTER TRAINING	СРТ	CPT-1	VB	VB-1	NA	NA	NA	GWB	Р	P-2	NA	NA	NA	NA	NA	NA	ACT-1	MATCH	G NOTE 4															A INI 1400.			A E10112 E		OERIDI MARK	O A INOT	
501	TR	SDT	SDT-1	VB	VB-1	GWB	P	P-1	GWB	P	P-1	GWB	P	P-1	GWB	Р	P -1	GWB (P- 3)	NA	NOTE 1	9. REP.	PAIR EINISI	MES TO MATCHE.	AISTING WHE	RE IMPACTE	ы вт пғыс	LETION / INS D	ALL OF NEW PART	HUNS AND	ι UOUR F	RAIVES. EX	ISTING ACT CI	EILING SYS	TEM TO REM	iain. MODI	FT AS REQU	JIKEDFOR	A FULLY FI	NISHED AS	SEINIRLA V(GAINST N	IEVV PARTITION(S).
502	TR	SDT	SDT-1	VB	VB-1	GWB	P	P-1	GWB	Р	P-1	GWB	Р	P-1	GWB	Р	P -1	GWB (P- 3)	. NA	NOTE 1														- <u>т</u> л н о								
503	TR	SDT	SDT-1	∨в	VB-1	GWB	Р	P-1	GWB	Р	P-1	GWB	Р	P-1	GWB	Р	P -1	GWB (P- 3)	NA	NOTE 1		/IE:	JEE AF	-602	FUK F	KUUM	F IINI SF	1 LEGENI	J AND	, ikai	N2111C	IN SIK	IT UL	IAILS								
Machine 8 Attic Space	EXTRIOR OF TR 501	CONC-1	N/A	VB	VB-1	GWB	Р	P-1	GWB	Р	P-1	GWB	Р	P-1	GWB	Р	P-1	NONE	N/A																							
Machine 8 Attic Space	EXTRIOR OF TR 502	CONC-1	N/A	VB	VB-1	GWB	Р	P-1	GWB	Р	P-1	GWB	P	P-1	GWB	Р	P- 1	NONE	N/A																							
Penthouse	C EXTRIOR OF TR 503	CONC-1	N/A	VB	VB-1	GWB	Р	P-1	GWB	Р	P-1	GWB	Р	P-1	GWB	Р	P-1	NONE	N/A																							
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CONSULTANT **ISSUE FOR BID** 03-18-22 Date: **Revisions:** VA FORM 08 - 6231

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	ARCHITECT/ENGINEER OF RECORD	STAMP	Office of	Drawing Title ARCHITECTURAL - FINISH SCHEDULE	Phase ISSUE FOR BID	Project Title EHRM INFRASTRUCT
		SCENSED ARCHITE	Construction and Facilities			UPGRADES
	Bandard Signa Sign		Management			Location FARGO VA HEALTH C
	BANCROFT ARCHITECTS + ENGINEERS www.bancroft-ae.com Bancroft Project No: 18-121	DATE: 03/18/2022	U.S. Department of Veterans Affairs	SHEET 96 OF 279		Issue Date 3/18/2022 DA
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	EXIGNING	
(P-	SEE REMARKS	NOTE 7
١E	NA	NOTES 3, 4
Ē	NA	NOTE 6
3	NA	NOTES 1, 2, 3, 4
-1	MATCH EXISTING	NOTE 9
-1	MATCH EXISTING	NOTE 4
Ē	NA	NOTES 1, 2, 3, 4
-1	MATCH EXISTING	NOTE 4
3	NA	NOTES 1, 2, 3
-1	9'-0"	NA

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Project Number 437-21-205 CTURE Building Number Drawing Number I CARE SYSTEM ked Drawn AF-601 JM

			ROOM FINISH LEC	GEND	
KEY	MATERIAL	MFR./ BASIS-OF-DESIGN	PRODUCT PROPERTIES	STYLE/COLOR	NOTES
FLOORING					
SDT-1	STATIC DISSIPATIVE TILE	AMERICAN BILTRITE OR VA APPROVED EQUAL	FLOORING TILE	WHITE/TAUPE	-
LVT-1	LUXURY VINYL TILE	ARMSTRONG OR VA APPROVED EQUAL	SOLID VINYL TILE	MATCH EXISTING, OR PROVIDE SAMPLE FROM MANUFACTURES STANDARD COLORS FOR VA APPROVAL.	-
CPT-1	ROLL CARPET	MATCH EXISTING	MATCH EXISTING	MATCH EXISTING	-
CPT-2	CARPET TILE	MATCH EXISTING	MATCH EXISTING	MATCH EXISTING	-
RES-1	RESINOUS FLOORING	MATCH EXISTING	MATCH EXISTING	MATCH EXISTING	-
SSV-1	SOLID SHEET VINYL	MATCH EXISTING	MATCH EXISTING	MATCH EXISTING	-
VCT-1	VINYL COMPOSITION TILE	MATCH EXISTING	8" X 8" OR MATCH EXISITNG	MATCH EXISTING	-
PT-1	PORCELIN TILE	MATCH EXISTING	12" X 12"	MATCH EXISTING	-
TS-1	TRANSITION STRIP/WELD ROD	ARMSTRONG OR VA APPROVED EQUAL		COLOR: MATCH FLOORING (LVT TO SHEET VINYL)	-
TS-2	TRANSITION STRIP	SCHLUTER SYSTEMS OR APPROVED EQUAL	STAINLESS STEEL/E30	1/8" SCHIENE/EB(EPOXY 1/8" TO WSF 1/8")	-
TS-3					-
TS-4					-
WALL BASE					
VB-1	VINYL BASE	JOHNSONITE OR VA APPROVED EQUAL	THERMOPLASTIC VINYL	4 " VINYL COVE TOE	-
PT-2	PORCELINTILE	MATCH EXISTING	4" HIGH	MATCH EXISTING	-
WALL FINISH		1			
VWC-1	VINYL WALL COVERING	MATCH EXISTING	MATCH EXISTING	MATCH EXISTING	-
P-1	PAINT	BENJAMIN MOORE OR VA APPROVED EQUAL	PRO-INDUSTRIAL - WATER BASED CATALYZED EPOXY/EGSHEL/B73-300/MPI- 115/GLOSS LEVEL 3	EGGSHELL/COLOR: (PM-1) SUPER WHITE	-
P-2	PAINT	BENJAMIN MOORE OR VA APPROVED EQUAL	SEE SPECIFICATION	MATCH EXISTING ADJACENT	-
CEILING					
ACT-1	ACOUSTICAL CEILING TILE	ARMSTRONG OR VA APPROVED EQUAL	50% RECYCLED CONTENT/MINERAL FIBER	48" X 24" X 5/8" / SQUARE EDGE/COLOR: WHITE, FISSURED AT FEW INSTALLATIONS OR MATCH EXISITNG	CEILING GRID : ARMSTRONG PRELUDE XL 15/16" EXPOSED SYSTEM OR VA APPROVED EQUAL
ACT-2	ACOUSTICAL CEILING TILE	ARMSTRONG OR VA APPROVED EQUAL	50% RECYCLED CONTENT/MINERAL FIBER	CALLA #2824/ 24" X 24" X 1"/SQUARE EDGE/COLOR: WHITE	CEILING GRID : ARMSTRONG PRELUDE XL 15/16" EXPOSED SYSTEM OR VA APPROVED EQUAL
P-1	PAINT	BENJAMIN MOORE OR VA APPROVED EQUAL	PRO-INDUSTRIAL - WATER BASED CATALYZED EPOXY/EGSHEL/B73-300/MPI- 115/GLOSS LEVEL 3	EGGSHELL/COLOR: (PM-1) SUPER WHITE	-
MISCELLANE	OUS FINISHES	-			
	SIGNAGE	CREATIVE SIGNAGE SYSTEMS INC OR VA APPROVED EQUAL	VA STANDARDS/STATION STANDARDS	TBD - BASED ON STATION STANDARDS-MIXED MEDIA	-
			GENERAL NOTES		
A. FINISH PRODU B. EXSITING COR SIMILAR FINISHE	JCTS ARE PROVIDED FOR BID PURPOSES RIDOOR FINISHES VARY BY BUILDING, FL IS FOR VA/COR APPROVAL.	ONLY. ALL FINAL FNISH TEXTURES & C OOR AND LOCATION. DESIGN INTENT	COLORS ARE TO BE APPROVED BY THE COR. IS TO MATCH EXISTING FINISHES SEEMLESLY WHERE PA	TCHING OF EXISTING IS REQUIRED. WHERE FINISH MATERIALS CANNOT BE	MATCHED SEEMLESSLY.SUBMIT SAMPLES OF

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ARCHITECT/ENGINEE	R OF RECORD	STAMP	Office
-Bancit	3300 Dundee RD. Northbrook, IL 60062 T: 847.952.9362	STATE SED ARCHIPECS	Construct and Facil Managen
BANCROFT ARCHITECTS + ENGINEERS	www. bancroft-ae.com Bancroft Project No: 18-121	DATE: 03/18/2022	VA U.S. Dep of Veter

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18/18-121				UCENSED ARCHITEC	Construction and Facilities			UPGRADES		Building Number
JECTS/20			Bandar Signa		Management			Location FARGO VA HEAL	TH CARE SYSTEM	Drawing Number
:\ccg_PRC	ISSUE FOR BID 03-18-22 Revisions: Date:		BANCROFT ARCHITECTS + ENGINEERS www.bancroft-ae.com Bancroft Project No: 18-121	DATE: 03/18/2022	VA U.S. Department of Veterans Affairs	SHEEI 97 OF 279		Issue Date 3/18/2022	hecked Drawn DA JM	AF-60
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SIGNAGE SCHEDULE - EHRM INFRASTRUCTURE UPGRA	\DES

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				BUILDING 1-	9-46	· · · · ·	
Sign No.		Location		Sign		DETAIL	Remarks
BASEME	Room NT	Room Name	Туре	Text	Qty.		
1	BB-92	TR	А	BB-92	1		
2		CORRIDOR	C	(Universal Symbol)	1		
3	BC-02	TR		Fire Equipment BC-02	1		
	BC-02			(Universal Symbol)			
4				Fire Equipment BA-30			
5	BA-30	IR	A	(Universal Symbol)			
6		CORRIDOR	С	Fire Equipment	1		
7		CORRIDOR	С	Fire Equipment	1		
8	BD-02	TR	A	DD-02	1		
9	BD-84	TR	A	BD-84	1		
10		CORRIDOR	С	(Universal Symbol) Fire Equipment	1		
FIRST FI				45.404			
11	1B-121	TR	A	1B-121	1		
12		CORRIDOR	С	(Universal Symbol) Fire Equipment	1		
13	1C-99	TR	А	1C-99	1		
14		CORRIDOR	С	(Universal Symbol) Fire Equipment	1		
15	1A-54	TR	А	1A-54	1		
16		CORRIDOR	С	(Universal Symbol) Fire Equipment	1		
17	1D-158	TR	A	1D-158	1		
18		CORRIDOR	С	(Universal Symbol)	1		
19	1D-64A	TR	A	1D-64A	1		
20		CORRIDOR	С	(Universal Symbol)	1		
SECONE	FLOOR	2		Fire Equipment			
21	2C-33	TR	A	2C-33	1		
22		CORRIDOR	С	(Universal Symbol)	1		
23	2A-24	TR	Α	2A-24	1		
24		CORRIDOR	C	(Universal Symbol)	1		
25	20.00	тр		Fire Equipment 2C-90	1		
20	20-90		A	(Universal Symbol)			
26			C .	Fire Equipment			
27	2D-18	IR	A	(Universal Symbol)	1		
28		CORRIDOR	C	Fire Equipment	1		
				3B-23			
29	3B-23		A	(Universal Symbol)			
30		CORRIDOR	C	Fire Equipment			
31A	3D-10	STORAGE	A	30 12	1		
31	3D-12	TR	A	30-12	1		
31B	3D-14	ADMIN COOR	A	3D-14	1		
31C	3D-16	ACOS PC & SM	A	3D-16	1		
31D	3D-18	NURSE OFFICE	А	3D-18	1		
32		CORRIDOR	С	(Universal Symbol) Fire Equipment	1		
FOURTH	I FLOOR						
33	4B-23	TR	А	4B-23	1		
34		CORRIDOR	С	(Universal Symbol) Fire Equipment	1		
35		CORRIDOR	С	(Universal Symbol) Fire Equipment	1		
36	4E-15A	TR	A	4E-15A	1		
FIFTH FL	OOR				1	· · · · · ·	
37	501	TR	A	501	1		

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Revisions:	Date:	

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Sign No.		Location	,	Sign		DETAI
	Room	Room Name	Туре	<u>Text</u> (Universal Symbol)	Qty.	
38		ATTIC	С	Fire Equipment	1	
39	502	TR	A	502	1	
40		ATTIC	С	(Universal Symbol) Fire Equipment	1	
41	503	TR	A	503	1	
42		PENTHOUSE "C"	с	(Universal Symbol)	1	
		MECHANCIAL			3	
43	0006	TR	Α	0006		
44	0001			(Universal Symbol)	1	
	0001	OFEN OFFICE		Fire Equipment	40	
				(Universal Symbol)		
45	0001	SHOP (OFFICE)	C	Fire Equipment	1	
	<u>г</u>		[]		<u>11</u>	
46	0001	SHOP (OFFICE)	С	(Universal Symbol) Fire Equipment	1	
				BUILDING	12	
47	0006	WAREHOUSE	С	(Universal Symbol) Fire Equipment	1	
48	0005	TR	А	0005	1	
				BUII DING	13	
49		OFFICE	С	(Universal Symbol)		
					20	
6 0		BASEMENT	C	(Universal Symbol)		
50		DAGEMENT	Ŭ	Fire Equipment	40	
				DUILDING	40	
51		VETERANS SERVICE	C	(Universal Symbol)	1	1
51	102	DIVISION		Fire Equipment 102B		_
52	102B	TR	A		1	
SECON			I I	(Iniversal Symbol)		
53		CORRIDOR	С	(Universal Symbol) Fire Equipment	1	
54	202A	TR	A	202A	1	
	· · ·		- I	BUILDING	51	
FIRST F	LOOR					
55	1029	VESTIBULE	с	(Universal Symbol) Fire Equipment	1	
56	1030	TR	A	1030	1	
			1	BUILDING	52	
FIRST F	LOOR					
			1		, r	
57	100	OPEN OFFICE	С	(Universal Symbol Fire Equipment)	1
58	111	TR	A	111		1
SECON	」 D FLOOR		1			
59	200	OPEN OFFICE	С	(Universal Symbol)	1
60	011	Тр	Λ	Fire Equipment		1
UO	211	IK				'
				BUILDIN	<u>G 56</u>	
				/I Inivoral Symbol	<u>, </u>	I
61			C		/	1

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ARCHITECT/ENGINEER OF RECORD Office of Construction and Facilities < 7Management 3300 Dundee RD. Northbrook, IL 60062 T: 847.952.9362 www. bancroft-ae.com Bancroft Project No: 18-121 BANCROFT ARCHITECTS + ENGINEERS **VA** U.S. Department of Veterans Affairs 4

GENERAL NOTES

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- 1. THE CONSTRUCTION SCOPE OF WORK INCLUDES ARCHITEC MODIFICATIONS TO THE SPACES SHOWN ON THIS DRAWING TELECOMMUNICATION ROOM IMPROVEMENTS. THE PROJEC CONSIST OF MODIFYING EXISTING WET PIPE SPRINKLER CC ROOM AS NOTED.
- 2. THE APPROXIMATE LOCATIONS OF EXISTING SPRINKLER PIL THE ASSOCIATED SPRINKLER SYSTEM ZONE IDENTIFICATION
- 3. EXISTING SPRINKLERS AND BRANCH LINES SHALL BE MODIF WITH NEW CABLE TRAYS TO BE INSTALLED IN TELECOMMUI DRAWINGS FOR CABLE TRAY LOCATIONS. THE RECOMMEND IS INDICATED FOR EACH ROOM. THE CONTRACTOR SHALL DI MODIFIED BRANCH LINE AND NEW SPRINKLERS.
- 4. ALL EXISTING SPRINKLERS IN TELECOMMUNICATION ROOMS INSTALLED SHALL BE QUICK RESPONSE, ORDINARY TEMPER BE LOCATED FOR LIGHT HAZARD COVERAGE. PROVIDE AND TELECOMMUNICATION ROOM SPRINKLERS.
- 5. EXISTING ROOMS WITH SUSPENDED CEILINGS AND PENDEN WHEN SUSPENDED CEILINGS ARE REMOVED. PENDENT SPF SPRINKLERS PRIOR TO WHEN CEILING TILES ARE REMOVED. 6. ALL MODIFICATIONS SHALL BE IN ACCORDANCE WITH THE C OF SPRINKLER SYSTEMS, AND SPECIFICATION 21 13 13. THE
- AND IMPAIRMENTS TO THE FIRE ALARM SYSTEM WITH THE V 7. THE PREPARATION OF SPRINKLER SHOP DRAWINGS SHALL A REGISTERED FIRE PROTECTION ENGINEER. INSTALLATION SPRINKLER CONTRACTOR OR A SPECIALIST WHO IS EXPERIE
- AUTOMATIC SPRINKLER SYSTEMS (MINIMUM 3 YEARS OF EX 8. PIPE USED FOR SPRINKLER BRANCH LINE AND ARM-OVER M NEW AND EXISTING SPRINKLER PIPING LOCATED IN TELECO
- REFER TO SPECIFICATION 21 13 13. 9. PLAIN END FITTINGS ARE NOT PERMITTED.
- 10. PRELIMINARY TESTING: HYDROSTATICALLY TEST EACH MOD WORKING PRESSURE, AS REQUIRED BY NFPA 13, 29.7 AND S THE DESIGNATED GOVERNMENT REPRESENTATIVE.
- 11. FINAL INSPECTION AND TESTING: ADVISE THE CONTRACTIN BEEN COMPLETED AND ALL NECESSARY CORRECTIONS MAD TESTING.
- 12. THE FINAL TEST SHALL BE WITNESSED BY THE DESIGNATED SHALL INCLUDE, BUT IS NOT LIMITED TO, TESTING OF ALL W CONNECTED TO MODIFIED SPRINKLER SYSTEMS.
- 13. RECORD DOCUMENTATION, INCLUDING AS-BUILT DRAWINGS PROJECT. REFER TO SPECIFICATION 21 13 13.
- FIRE ALARM SCOPE OF WORK 1. PROVIDE AND INSTALL A NEW ADDRESSABLE SMOKE DETE TELECOMMUNICATION ROOMS INDICATED. THE EXISTING I AND CONTROLLED BY A SIMPLEX ADDRESSABLE CONTROL
- 2. WHERE INSTALLED, NEW ADDRESSABLE SMOKE DETECTOR ALARM SIGNALING LINE CIRCUIT. FIELD SPLICES TO SIGNAL SPECIFIED BY SPECIFICATION 28 31 00.
- 3. NEW SMOKE DETECTOR ZONES SHALL BE PROGRAMMED TEXT MESSAGE FOR EACH NEW DEVICE SHALL IDENTIFY NAME.
- 4. ALL MODIFICATIONS TO THE FIRE ALARM SYSTEM SHALL B OF NFPA 72, NATIONAL FIRE ALARM CODE, AND SPECIFICA COORDINATE ALL WORK AND IMPAIRMENTS TO THE FIRE
- 5. TESTING: NOTIFY THE CONTRACTING OFFICER IN WRITING ACCEPTANCE TESTING. SUBMIT THE REQUEST FOR TESTI DATE. THE FINAL TESTS SHALL BE WITNESSED BY A DESIGN
- 6. RECORD DOCUMENTATION CONSISTING OF A COMPLETED N UPON COMPLETION OF EACH MODIFIED FIRE ALARM SYSTE

KEYED NOTES

- MODIFY EXISTING ROOM SPRINKLER COVERAGE. REMOVE E LINE. LOCATE BRANCH LINE AND PROVIDE AND INSTALL NEW SPRINKLER ZONE - B9 BSMT
- MODIFY EXISTING ROOM SPRINKLER COVERAGE. REMOVE EX LINE. LOCATE BRANCH LINE AND PROVIDE AND INSTALL NEW
- SPRINKLER ZONE B9 BSMT $\langle 3 \rangle$ MODIFY EXISTING ROOM SPRINKLER COVERAGE. CHANGE F $\check{\checkmark}$ EXISTING SPRINKLER AND MODIFY EXISTING BRANCH LINE. L NEW UPRIGHT SPRINKLERS FOR COORDINATION. SPRINKLER ZONE - B46 BSMT NW
- 4 MODIFY EXISTING ROOM SPRINKLER COVERAGE. REMOVE E ee Line. Locate branch line and provide and install NeV SPRINKLER ZONE - B46 BSMT CENTER
- $\langle 5 \rangle$ MODIFY EXISTING ROOM SPRINKLER COVERAGE. REMOVE EX $\check{\checkmark}$ LINE. LOCATE BRANCH LINE AND PROVIDE AND INSTALL NEW SPRINKLER ZONE - B1 BSMT SE
- $\langle 6 \rangle$ provide and install one new addessable spot smoke WITH THE TR CABLE TRAY LAYOUT.

ROOM BC-02 ROOM BD-02 -ROOM BD-84

of tion ities nent	Drawing Title FIRE SUPPRESION - BUILDING 1-9-46 - BASEMENT			Phase ISSUE FC	DR BID	D EHRM INFRASTRUC UPGRADES		
	SHEET 98 OF 279					Location FARGO VA H Issue Date	EALTH (
artment ans Affairs						3/18/2022	JAS	
	7		8			9		

CLUDES ARCHITECTURAL, MECHANICAL AND ELEC ON THIS DRAWING AS PART OF THE EHRM INFRAS ENTS. THE PROJECT FIRE SUPPRESSION SCOPE O IPE SPRINKLER COVERAGE FOR EACH TELECOMM	CTRICAL STRUCTURE OF WORK SHALL IUNICATION			
NG SPRINKLER PIPING AND SPRINKLERS IN ROOMS ARE SHOWN. INE IDENTIFICATION IS INDICATED FOR EACH WORK AREA. S SHALL BE MODIFIED WHERE INDICATED TO BE COORDINATED D IN TELECOMMUNICATION ROOMS. REFER TO THE T SERIES . THE RECOMMENDED LOCATION OF NEW UPRIGHT SPRINKLERS TRACTOR SHALL DETERMINE THE FINAL LOCATIONS FOR KLERS.				
UNICATION ROOMS SHALL BE REPLACED. NEW SP DRDINARY TEMPERATURE, GLASS BULB TYPE. SPF GE. PROVIDE AND INSTALL SPRINKLER GUARDS (S.	PRINKLERS RINKLERS SHALL DN ALL			
INGS AND PENDENT SPRINKLERS SHALL REMAIN F /ED. PENDENT SPRINKLERS SHALL BE CHANGED T .ES ARE REMOVED. DANCE WITH THE CURRENT EDITION OF NFPA 13, I TION 21 13 13. THE CONTRACTOR SHALL COORDIN YSTEM WITH THE VA FACILITY MANAGER.	PROTECTED O UPRIGHT NSTALLATION JATE ALL WORK			
DRAWINGS SHALL BE BY A NICET LEVEL III OR IV T EER. INSTALLATION SHALL BE PERFORMED BY A C ST WHO IS EXPERIENCED IN THE DESIGN AND INS UM 3 YEARS OF EXPERIENCE).	ECHNICIAN OR ERTIFIED TALLATION OF			
AND ARM-OVER MODIFICATIONS SHALL BE SCHEI OCATED IN TELECOMMUNICATION ROOMS SHALL B	DULE 40. ALL BE PAINTED.			
). LY TEST EACH MODIFIED SPRINKLER SYSTEM AT (IFPA 13, 29.7 AND SPECIFICATION 21 13 13 IN THE F ENTATIVE. THE CONTRACTING OFFICER WHEN PRELIMINAR)	SYSTEM PRESENCE OF Y TESTING HAS	В		
THE DESIGNATED REPRESENTATIVE OF THE VA.	FINAL TESTING			
TESTING OF ALL WATERFLOW AND TAMPER SWIT('STEMS. S-BUILT DRAWINGS, IS REQUIRED UPON COMPLET 3 13.	TION OF THE			
ABLE SMOKE DETECTOR FOR AREA COVERAGE IN D.THE EXISTING BUILDING FIRE ALARM SYSTEM IS	THE MONITORED			
SSABLE CONTROL UNIT. SMOKE DETECTORS SHALL CONNECT TO THE EXI SPLICES TO SIGNALING LINE CIRCUITS IS LIMITED "	STING FIRE TO THE METHOD			
E PROGRAMMED AS SUPERVISORY DEVICES. THI SHALL IDENTIFY THE BUILDING, FLOOR AND ROOM	E ANNUNCIATED 1 IDENTIFICATION	С		
SYSTEM SHALL BE IN ACCORDANCE WITH THE CL E, AND SPECIFICATION 28 31 00. THE CONTRACTO ITS TO THE FIRE ALARM SYSTEM WITH THE VA FAC	JRRENT EDITION R SHALL CILITY MANAGER.			
FICER IN WRITING WHEN THE SYSTEM IS READY F QUEST FOR TESTING AT LEAST 7 CALENDAR DAYS SSED BY A DESIGNATED REPRESENTATIVE OF TH	FOR FINAL 9 PRIOR TO TEST E VA.			
OF A COMPLETED NFPA 72 RECORD OF COMPLETI FIRE ALARM SYSTEM. REFER TO SPECIFICATION 2	ION IS REQUIRED 8 31 00.			
ERAGE. REMOVE EXISTING SPRINKLER AND MODIF	FY EXISTING BRANCH			
AND INSTALL NEW UPRIGHT SPRINKLER FOR COO	ORDINATION.	D		
EAND INSTALL NEW UPRIGHT SPRINKLERS FOR COORDINATION.				
ERAGE. REMOVE EXISTING SPRINKLER AND MODIF	FY EXISTING BRANCH			
E AND INSTALL NEW UPRIGHT SPRINKLERS FOR C	OORDINATION.			
AND INSTALL NEW UPRIGHT SPRINKLER FOR COO	DRDINATION. RDINATE LOCATION			
		Е		
- ROOM BA-30 r ROOM BB-92				
		F		
	Project Number 437-21-205			
JUTIOUIURE	Building Number BUILDINGS 01 09 46			
HEALTH CARE SYSTEM	Drawing Number			
Checked Drawn JAS SRM	FX-01-401			
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7	8	9	
	LEGEND	GENERAL NOTE	=
	SPRINKLER OR DRAIN RI PENDENT SPRINKLER - E UPRIGHT SPRINKLER - E NEW PENDENT SPRINKLER NEW PENDENT SPRINKLER SIDEWALL SPRINKLER EXISTING SPRINKLER BR EXISTING SPRINKLER BR EXISTING SPRINKLER BR NEW BRANCH LINE 1-HOUR FIRE BARRIER	SER XISTING LOCATION (STING LOCATION R - NEW LOCATION R - NEW LOCATION R - NEW LOCATION R - NEW LOCATION R - INSTALL AT EXISTING LOCATION R - INSTALL R - INSTALL R - INSTALLED SHALL BE R - INSTALL R	TORES FIT CARAGE DECOR DECIDENT SEED FOR SEED OF SEED
	<u> </u>	4. ALL MODIFICATIONS TO THE FIRE OF NFPA 72, NATIONAL FIRE ALAF COORDINATE ALL WORK AND IMP	i al Rm Paii

KEYED NOTES

- FOR COORDINATION. SPRINKLER ZONE - B1 1ST NORTH SPRINKLERS.
- COORDINATION. SPRINKLER ZONE - B1 1ST CENTER
- SPRINKLER ZONE B1 1ST SE
- AND MODIFY EXISTING ARM-OVER LINE FOR COORDINATION. SPRINKLER ZONE - B1 1ST SW
- 6 PROVIDE AND INSTALL ONE NEW ADDESSABLE SPOT SMOKE DETECTOR IN TR ROOM. COORDINATE LOCATION WITH THE TR CABLE TRAY LAYOUT.

ROOM 1B-98 ROOM 1C-99 ROOM 1D-158 ROOM 1D-64A

of tion ities nent	Drawing Title FIRE SUPPRESSION - BUILDING 1-9-46 - FIRST FLOOR			Phase ISSUE	FOR BID	Project Title EHRM INFRASTRUC UPGRADES		
	SHEET	99 OF 279				Location FARGO VA HEA	LTH	
partment ans Affairs						Issue Date 3/18/2022	Checko JAS	
		7	8			9		

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 $\langle 2 \rangle$ MODIFY EXISTING ROOM SPRINKLER COVERAGE. REMOVE AND REPLACE EXISTING UPRIGHT SPRINKLER AND LOCATE CLOSER TO CENTER OF ROOM. LOCATE FOR COORDINATION. THE EXISTING LOCATIONS OF CORRIDOR PENDENT SPRINKLERS REMAIN COMPLIANT. NO CHANGE IS REQUIRED TO THE CORRIDOR MODIFY EXISTING ROOM SPRINKLER COVERAGE. REMOVE EXISTING SPRINKLERS AND MODIFY EXISTING BRANCH LINES. LOCATE BRANCH LINES AND PROVIDE AND INSTALL NEW UPRIGHT SPRINKLERS FOR

 $\langle 4
angle$ Modify Existing Room Sprinkler Coverage. Remove and Replace Existing Sprinkler. (5) MODIFY EXISTING ROOM SPRINKLER COVERAGE. SPRINKLER COVERAGE. REMOVE EXISTING SPRINKLER