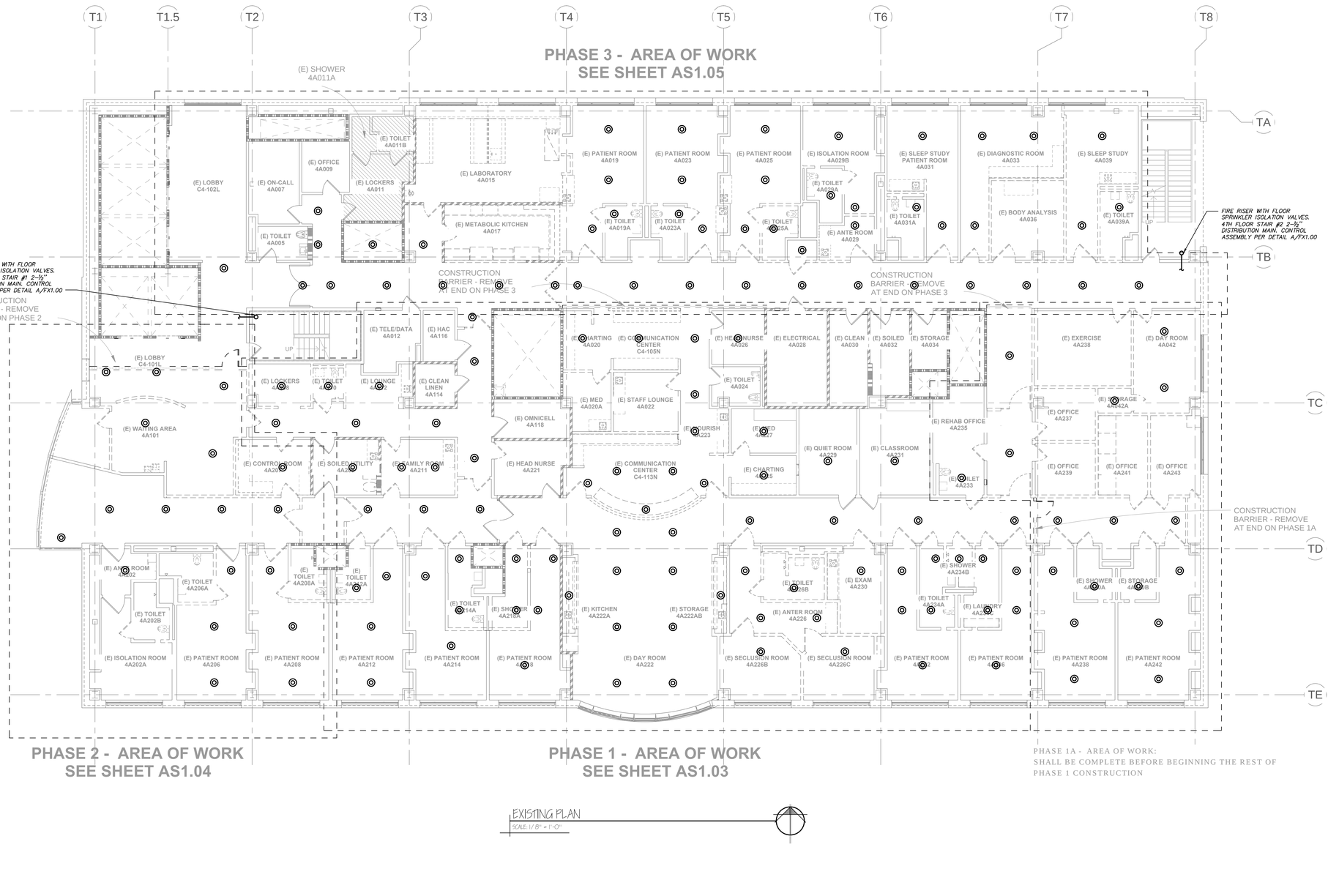

EXISTING PLAN
SCALE: 1/8" = 1'-0"

1 LEVEL 4 FLOOR - DEMOLITION
0 4' 8' 16'

DEMOLITION NOTES

1. EXISTING DEVICES ARE SHOWN FROM FIELD INVESTIGATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLETING A FULL SITE INVESTIGATION OF THE FOURTH FLOOR. UPON COMPLETION OF SITE INVESTIGATION AN AS-BUILT CONDITION PLAN SHALL BE CREATED FOR USE BY THE CONTRACTOR TO CREATE THE NEW REVISED SUPPRESSION DRAWINGS.

2. PHASING SHOWN FOR REFERENCE ONLY.

3. EXISTING SPRINKLERS LOCATED ABOVE CEILING IN ACCESSIBLE CEILING SPACE SHALL REMAIN. SPRINKLERS LOCATED BELOW CEILING SHALL BE MODIFIED TO MEET THE NEW CONDITIONS.

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FINAL BID DOCUMENTS

Revisions:	Date

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2/17/16

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Drawing Title: EXISTING PLAN	Project Title: BUILDING 700 4 FLOOR RENOVATION		Project Number: 612A4-12-212
Approved: Project Director	Location: VA MATHER		Building Number:
	Date: 02/01/2016	Checked: Checker	Drawn: Author
			Drawing Number: FD 1.01
			Dwg. of

Office of Construction and Facilities Management
Department of Veterans Affairs

VA FORM 08-6231

FIRE SUPPRESSION GENERAL NOTES

15.1 GENERAL NOTES:

15.2 SCOPE: THE WORK TO BE COMPLETED UNDER THIS CONTRACT IS TO INCLUDE NECESSARY EQUIPMENT, MATERIALS, LABOR AND INSPECTION NECESSARY IN PROVIDING A FULLY OPERATIONAL SYSTEM PER THE INTENT AND REQUIREMENTS OF THESE DRAWINGS AND SPECIFICATIONS AS WELL AS THE SUBCONTRACTOR CONTRACT DOCUMENT. ALL WORK, EQUIPMENT AND FINALIZED SYSTEMS ARE TO BE OF THE HIGHEST STANDARDS AND CONFORM WITH THE BEST MODERN PRACTICES. THIS WORK IS TO BE COMPLETED WITH THE UNDERSTANDING THAT A LIMITED AMOUNT OF DETAIL CAN BE AFFORDED BY THE LARGE SCALE DRAWING REPRESENTATIONS OF THE REQUIRED SYSTEM. DUE TO THE NATURE OF THIS LIMITATION IT IS EXPECTED OF THE CONTRACTOR TO PROVIDE THE NECESSARY PRODUCTS AND LABOR TO MEET THE INTENT OF THE DOCUMENTS AND REQUEST FURTHER INFORMATION WHERE THE FULL INTENT CANNOT BE DETERMINED OR IS DETERMINED TO BE ERROR. SUCH OCCURRENCES ARE TO BE ASSUMED AND INCLUDED IN THE CONTRACTOR'S SCOPE OF WORK AND PRICING.

15.3 CODES AND STANDARDS: ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH THE LATEST ADOPTED STATE AND NATIONAL CODES AS WELL AS INDUSTRY STANDARDS (I.E. ASHRAE, ASME, IMAS, SMACNA ETC.) GOVERNING SUCH WORK. THIS DOES NOT RELIEVE THE CONTRACTOR FROM FURNISHING AND INSTALLING WORK SHOWN OR SPECIFIED WHICH MAY EXCEED THE REQUIREMENTS OF SUCH ORDINANCES, LAWS, REGULATIONS AND CODES.

15.4 WORKMANSHIP AND INSTALLATION: ALL WORK COMPLETED ON THE PROJECT IS TO BE DONE SO IN A PROFESSIONAL MANNER UTILIZING THE BEST MODERN PRACTICES AND INSTALLATION TECHNIQUES. UNLESS OTHERWISE NOTED ALL EQUIPMENT, PIPING DUCTWORK, FIXTURES ETC. ARE TO BE INSTALLED LEVEL AND TRUE; PARALLEL AND/OR PERPENDICULAR TO THE BUILDING STRUCTURE AND WALLS. COORDINATION DRAWINGS ARE TO BE COMPLETED BY THE CONTRACTOR PRIOR TO COMMENCEMENT OF ANY WORK PROVIDING THE CONTRACTOR A FULL WORKING KNOWLEDGE OF THE TASK AT HAND. ALL WORK IS TO BE LAID OUT ON SITE BY THE CONTRACTOR TO ENSURE PROPER FIT, ORIENTATION AND COORDINATION WITH OTHER BUILDING TRADES PRIOR TO INSTALLATION. FIELD CHANGES ARE TO BE EXPECTED AS REQUIRED BY ACTUAL CONSTRUCTION CONDITIONS AND THE CONTRACTOR IS TO ALLOW SHIFTS, RELOCATIONS, RECONFIGURATIONS OF ANY EQUIPMENT OR MATERIAL UP TO 10'. LACK OF ADHERENCE TO ANY OF THE ABOVE MENTIONED REQUIREMENTS WILL NOT CONSTITUTE, NOR WILL BE ALLOWED, A CHANGE IN SCOPE OR ALLOWANCE OF ADDITIONAL FEES.

ALL COMPONENTS OF THE PLUMBING SYSTEMS ARE TO BE INSTALLED IN ACCORDANCE WITH THE PUBLISHED MANUFACTURERS REQUIREMENTS AND DETAILS. ANY CONFLICTS BETWEEN THE MANUFACTURERS REQUIREMENTS AND THE CONTRACT DOCUMENTS ARE TO BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE ENGINEER FOR RESOLUTION.

15.5 COPYRIGHT: THESE PLANS, SPECIFICATIONS AND ALL RELATED ADDENDA AND DOCUMENTS CONSTITUTE COPYRIGHT MATERIALS OF JP ENGINEERING. THESE MATERIALS SHALL REMAIN THE SOLE PROPERTY OF JP ENGINEERING, AND MAY NOT BE REPRODUCED, DISTRIBUTED TO OTHER OR USED FOR ANY PURPOSE WHATSOEVER WITHOUT THE PRIOR WRITTEN CONSENT OF JP ENGINEERING.

15.6 DRAWINGS: DRAWINGS ARE GRAPHICAL REPRESENTATIONS OF THE WORK INTENDED TO BE COMPLETED UNDER THE SCOPE OF THIS PROJECT. ALL DATA PROVIDED ON THESE DRAWINGS IS TO BE FIELD VERIFIED AS THE LARGE SCALE OF PLANS DOES NOT AFFORD EXACT REPRESENTATION OF ALL CONDITIONS. EXAMPLES OF REPRESENTATIONS NOT ALWAYS AFFORDED BY THE LARGE SCALE OF THE DRAWINGS ARE OFFSETS IN DUCTWORK OR PIPING, EXACT LOCATION OF VALVES, FITTINGS, ACTUATORS, AND DAMPERS ETC.

15.7 COORDINATION: CIVIL, ARCHITECTURAL, STRUCTURAL, FIRE PROTECTION AND ELECTRICAL DRAWINGS ALL CONTAIN DETAILING REGARDING THE INSTALLATION OF FIRE SUPPRESSION SYSTEMS. THE CONTRACTOR IS TO REVIEW ALL PROJECT DRAWING, SPECIFICATIONS AND ADDENDA FOR RELEVANT INFORMATION TO THEIR INSTALLATION.

15.8 PRODUCT DELIVERY AND STORAGE: PRODUCTS ARE TO BE DELIVERED TO THE SITE IN SUCH A MANNER AS TO PREVENT DAMAGE (EITHER NATURAL OR HUMAN CAUSED) TO THE EQUIPMENT OR MATERIALS. SHIPPING, STORAGE AND DELIVERY IS TO BE COMPLETED AS REQUIRED BY THE MANUFACTURER. PRODUCTS ARE TO BE DELIVERED TO THE SITE IN THE MANUFACTURERS SHIPPING CONTAINER OR PACKAGING WITH MANUFACTURERS LABELS STILL AFFIXED. DELIVERIES OF EQUIPMENT AND MATERIAL ARE TO BE SCHEDULED TO MINIMIZE UNINSTALLED TIME ON THE JOBSITE. CONTRACTOR IS TO INSPECT ALL EQUIPMENT AND MATERIAL FOR DAMAGE OR DEFACEMENT AND TAKE NECESSARY STEPS TO PROVIDE REPAIR OR REPLACE DAMAGED PIECES PRIOR TO INSTALLATION.

15.9 ACCESSIBILITY: ALL EQUIPMENT, VALVES, ACTUATORS, ETC. ARE TO BE POSITIONED AND INSTALLED SUCH THAT THEY ARE EASILY ACCESSIBLE. CARE IS TO BE TAKEN TO ENSURE PROPER MAINTENANCE AND OPERATIONAL ACCESS AND CLEARANCE IS PROVIDED FOR ADJUSTMENT AND UPKEEP OF THE INSTALLED SYSTEMS.

15.10 GUARANTEE: THE CONTRACTOR SHALL GUARANTEE THE COMPLETE FIRE SUPPRESSION SYSTEMS, AND ALL PORTIONS THEREOF THE SUBCONTRACTOR CONTRACT DOCUMENT.

15.11 RECORD DRAWINGS: RECORDS DRAWINGS ARE TO BE PROVIDED IN ACCORDANCE WITH THE SUBCONTRACTOR CONTRACT DOCUMENT.

15.12 PIPING: ALL PIPING IS TO BE SHIPPED, STORED, AND INSTALL IN ACCORDANCE WITH THE BEST MODERN PRACTICES AND THE GENERAL NOTES SECTION OF THIS SPECIFICATION. DRAWINGS INDICATE GENERAL LOCATION AND ROUTING OF ALL PIPING. THE LAYOUT AS SHOWN WAS USED FOR CALCULATIONS CALCULATING OF ALL VARIABLE S IN THE PIPING SYSTEMS OPERATIONS AND THUS, IT IS TO BE INSTALLED AS DETAILED UNLESS OTHERWISE PERMITTED BY THE ENGINEER.

ALL PIPING IS TO BE INSTALLED IN CONCEALED FROM VIEW AND PROTECTED CONTACT UNLESS OTHERWISE NOTED. IN ACCESSIBLE CEILING AREAS INSTALL PIPING ALLOWING'S PROPER REMOVAL OF TILES. PIPING IS TO BE INSTALLED FREE OF SAGS AND BENDS AND PARALLEL OR AT RIGHT ANGLES TO MAIN BUILDING STRUCTURAL FEATURES. PIPING IS ALSO TO BE INSTALLED TO FACILITATE ACCESS TO ALL VALVES, FLANGES, UNIONS AND OTHER ACCESSORIES REQUIRED MAINTENANCE AND OPERATION ACCESS.

REAM THE ENDS OF PIPES TO REMOVE BURRS AND BEVEL THE ENDS OF STEEL PIPES. CAP OPEN ENDS OF PIPING TO PREVENT DEFORMATION OF PIPE ENDS AND CONSTRUCTION DEBRIS ENTERING THE PIPING. MANUFACTURED FITTINGS ARE TO BE USED FOR CHANGE IN DIRECTION AND BRANCH FITTINGS. PIPING IS TO BE INSTALLED AT SLOPES INDICATED ON THE DRAWING OR IN THIS SPECIFICATION. DIELECTRIC UNIONS OR FLANGES ARE TO BE INSTALLED AT CONNECTION OF ALL DISSIMILAR METALS. PROVIDE SWING JOINTS OR UNIONS AT CONNECTION TO ALL EQUIPMENT. AUTOMATIC AIR VENTS ARE TO BE PROVIDED AT THE HIGH POINTS OF ALL CLOSED WATER SYSTEM.

15.13 SUPPORT: ALL BUILDING FIRE SUPPRESSION SYSTEM PIPING ARE TO BE SUPPORTED FROM BUILDING STRUCTURAL SUPPORT MEMBERS OR WALLS. HANGERS, SUPPORTS, CLAMPS AND STRUTS ARE TO BE USED FOR SUPPORT. OTHER PIPING, DUCTWORK, CONDUIT ETC. SHALL NOT BE USED FOR SUPPORT UNDER ANY CIRCUMSTANCES. SUPPORTS ARE TO BE INSTALLED ALLOWING CONTROLLED MOVEMENT NECESSARY FOR EXPANSION, CONTRACTION AND SEISMIC EVENTS. ALL SUPPORTS ARE TO BE LATERALLY BRACED IN OPPOSING DIRECTIONS TO LIMIT UNNECESSARY MOVEMENT. PROVIDE HANGERS AS REQUIRED BY BELOW MENTIONED CODES AS WELL AS AT ALL CHANGES IN DIRECTION, PENETRATION OF BUILDING FLOORS AND AT THE CONNECTION TO EACH PIECE OF EQUIPMENT. HANGERS ARE TO BE POSITIVELY FASTENED TO CONCRETE, STEEL OR WOOD BUILDING SYSTEMS FOR ADEQUATE SUPPORT. HANGER SHALL BE ADJUSTABLE IN TYPE ALLOWING PROPER SLOPE IN PIPING AND LOAD DISTRIBUTION. HANGER USED FOR INSULATED PIPING ARE TO BE PROVIDED WITH CLAMPS THERMAL SHIELDS SIZED FOR THE OVER O.D. OF PIPING AND INSULATION PREVENTING BREAKS AND DEFORMATION IN THE INSULATING MATERIAL BY CLAMPS. HANGER MATERIAL IS TO MATCH THAT OF THE PIPE BEING SUPPORTED OR TO AVOID DISSIMILAR METAL CONTACT. SEISMIC RESTRAINT TO BE PROVIDED AS REQUIRED BY THE LOCAL CODE AND AUTHORITY HAVING JURISDICTION.

15.14 SLEEVES: CONTRACTOR IS TO PROVIDE SLEEVES WHERE PIPING PENETRATES FLOOR SLABS EXTERIOR WALLS AND ROOFS. SLEEVES ARE NOT REQUIRED WHERE HOLES ARE CORE DRILLED AND CORES ALLOW A MINIMUM OF 1" CLEAR SPACE AROUND THE PIPE PASSING THROUGH. GALVANIZED PIPE SLEEVES WITH SLEEVE SEAL SYSTEM ARE TO BE INSTALLED AT ANY PENETRATIONS THROUGH SLAB ON GRADE AND EXTERNAL WALL PENETRATIONS. SLEEVES SYSTEMS ARE TO BE SIZED TO ALLOW 1" CLEAR SPACE AROUND THE PIPE. GALVANIZED PIPE SLEEVES ARE TO BE INSTALLED ON INTERIOR FLOOR PENETRATIONS AND ROOF PENETRATIONS.

15.15 ESCUTCHEONS: ESCUTCHEONS ARE TO BE PROVIDED ON ALL PIPE PENETRATIONS OF FLOORS, WALLS AND CEILINGS. ESCUTCHEONS ARE TO BE ONE-PIECE STAMPED STEEL WITH A CHROME FINISH AND SPRING POSITIONING CLAMPS. ESCUTCHEONS ARE TO BE SIZED AS MINIMALLY AS POSSIBLE TO FIT OVER PIPE AND INSULATION AND AS REQUIRED TO COVER THE ENTIRE PENETRATION. EXCEPT IN THE CASE OF ACOUSTIC CEILINGS THE JOINT BETWEEN THE ESCUTCHEON AND SURFACE PENETRATES IS TO BE FINISHED WITH SILICONE, COLOR TO MATCH THE SURFACE. ON MILL METAL FINISHES CLEAR SILICONE IS TO BE USED.

15.16 FIRE PROTECTION: THE BUILDING CURRENTLY HAS A WET PIPE FIRE SYSTEM THAT WILL NEED RENOVATION TO MEET THE NEW SPACE NEEDS AND CODE REQUIREMENTS. THE FIRE PROTECTION SYSTEM IS TO BE DESIGNED BY A QUALIFIED LICENSED PROFESSIONAL TO PROVIDE COMPREHENSIVE DESIGN CALCULATIONS AND SHOP DRAWINGS FOR SAID SYSTEMS. ALL DESIGN DATA IS TO BE PROVIDED TO THE ENGINEER FOR REVIEW DURING THE SUBMITTAL PROCESS AND TO THE AUTHORITY HAVING JURISDICTION AS A DIFFERED BUILDING DEPARTMENT SUBMITTAL. THE SYSTEM IS TO ADHERE TO THE FOLLOWING CRITERIA AND STANDARDS.

THE PIPING, HEAD RISER ETC. LOCATIONS THROUGHOUT THE BUILDING ARE TO BE SUBMITTED TO THE ARCHITECT AND ENGINEER FOR REVIEW. THE DESIGN IS NOT CONSIDERED COMPLETE UNTIL THE ROUTING AND LOCATION OF THE FIRE PROTECTION SYSTEMS SATISFIES THE ARCHITECT AND ENGINEER.

THE PROPOSED WET PIPE FIRE SUPPRESSION SYSTEM IS TO BE DESIGNED AND INSTALLED AS REQUIRED BY NFPA 13. IT IS THE CONTRACTORS RESPONSIBILITY TO PROVIDE ALL ENGINEERING, DESIGN, FLOW TESTING, INSTALLATION AND WARRANTY OF THE AUTOMATIC FIRE SYSTEM MEETING THE REQUIREMENTS OF THIS SPECIFICATION AND ALL GOVERNING CODES. ALL PIPING IN THE FIRE SYSTEM IS TO BE BLACK STEEL PIPE WITH GROOVE-LOCK FITTINGS. ALL FIRE SPRINKLERS ARE TO BE LISTED PER UL'S 'FIRE PROTECTION EQUIPMENT DIRECTORY' OR FM GLOBAL'S 'APPROVAL GUIDE.' THE SYSTEM IS TO BE DESIGNED AND INSTALLED SUCH THAT IT CAN WITHSTAND SUPPLY PRESSURE OF 300 PSIG. ALL PIPE AND FITTINGS ARE TO MEET OR EXCEED THESE REQUIREMENTS.

SPRINKLER SYSTEMS ARE TO BE SLOPED TO ALLOW FOR COMPLETE DRAINAGE OF THE SYSTEM. INSTALL DRAIN VALVES AS REQUIRED FOR PROPER DRAINING. INSTALL NEW ALARM FOR FIRE SUPPRESSION PIPING SERVING THE NEW SPACE AND TIE INTO (N) FIRE ALARM SYSTEM PROVIDED BY OTHERS. ALL PIPING INSTALLATION SHALL BE IN ACCORDANCE WITH THE PIPING SECTIONS OF THIS SPECIFICATION.

THE EXISTING FIRE SUPPRESSION SYSTEM IS TO BE REVISED AS REQUIRED IN EXISTING AREAS, ADDED TO AND EXTENDED INTO ALL NEW ADDITIONS. RELOCATED ALL FIRE SUPPRESSION HEADS AS REQUIRED BY THE NEW, REMOVED AND RELOCATED CEILINGS THROUGHOUT THE SPACE.

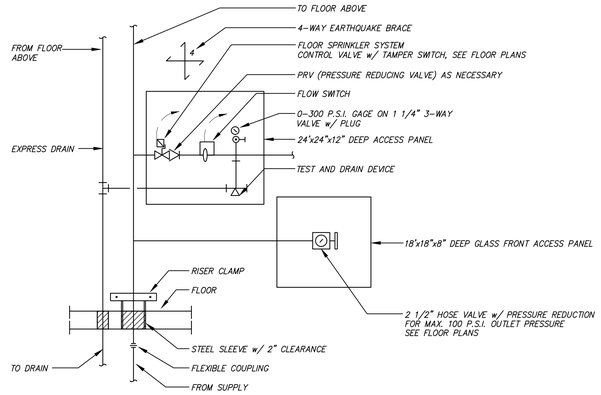
THE INFORMATION ON THIS SHEET IS INTENDED AS A SCHEMATIC REPRESENTATION OF THE WORK TO BE COMPLETED. ALL WORK IS TO BE FIELD VERIFIED BY THE CONTRACTOR PRIOR COMMENCEMENT OF ANY WORK. NO ADDITIONAL FEES WILL BE ALLOWED DUE TO DUE LACK OF FIELD VERIFICATION.

SPRINKLER HEADS IN T-BAR CEILING TYPES ARE TO BE INSTALLED IN THE CENTER OF THE ACOUSTICAL TILE. DRY TYPE SYSTEM AND HEADS ARE TO BE PROVIDED IN AREAS THAT ARE SUBJECT TO FREEZE.

CONTRACTOR IS TO PROVIDE A SPRINKLER CABINET CONTAINING THE NUMBER REQUIRED BY NFPA 13 OF EACH TYPE OF HEAD USE IN THE BUILDING AND NECESSARY TOOLS TO REPLACE.

FIRE SUPPRESSION CONTRACTOR IS TO FIELD COORDINATE THE INSTALLATION OF THE SYSTEM WITH ALL TRADES PRIOR TO COMMENCEMENT OF THEIR WORK. SHOULD THE FIRE SUPPRESSIONS SYSTEM IN CONFLICT WITH ANY OTHER TRADE THAT IS NOT EASILY RECTIFIED BY SAID TRADE THE FIRE SUPPRESSION CONTRACTOR WILL BE RESPONSIBLE FOR RELOCATING THEIR SYSTEM. NO ADDITIONAL FEES WILL BE ALLOWED DUE TO A LACK OF FIELD COORDINATION WITH OTHER TRADES INCLUDING ANY COSTS INCURRED BY A REDESIGN OF THE SYSTEM DUE TO THE CONFLICT. IT IS UNDERSTOOD THAT MUCH OF THE FIRE SUPPRESSION SYSTEM IS FACTORY FITTED FOR FIELD ASSEMBLY, THIS FACT EMBOLDENS THE NEED FOR FIELD COORDINATION PRIOR TO COSTLY FABRICATION. SHOULD THE ENGINEER PROVIDE ANY DESIGN DRAWINGS TO THE FIRE PROTECTION CONTRACTOR FOR PRELIMINARY COORDINATION THE CONTRACTOR IS STILL OBLIGATED TO COORDINATE THEIR WORK WITH ALL TRADES PRIOR TO COMMENCEMENT OF WORK. COORDINATION DOCUMENTATION PROVIDED BY THE ENGINEER IS FOR SCHEMATIC COORDINATION AND REPRESENTS NO DETAIL LEVEL HIGHER THAN THAT. SHOULD A CONFLICT ARISE DUE TO COORDINATION WITH ONLY THE DESIGN DRAWINGS IT WILL BE THE FORE SUPPRESSION CONTRACTORS RESPONSIBILITY OR RELOCATE THEIR WORK AT NO ADDITIONAL COST TO THE OWNER

15.17 SEISMIC RESTRAINT: ALL FIRE SUPPRESSION SYSTEM PIPING AND EQUIPMENT IS TO BE SEISMICALLY RESTRAINED PER THE NFPA, AMERICAN SOCIETY OF CIVIL ENGINEERS AND STRUCTURAL ENGINEERING INSTITUTE. RESTRAINT SYSTEMS ARE TO BE COMPLETED IN A 'DESIGN BUILD' FASHION BY THE AWARDED CONTRACTOR AND ARE TO BE INCLUDED IN THE PROJECT BID. THE CONTRACTOR IS TO ENLIST A QUALIFIED LICENSED PROFESSIONAL TO PROVIDE COMPREHENSIVE DESIGN CALCULATIONS AND SHOP DRAWINGS FOR SAID SYSTEMS. ALL DESIGN DATA IS TO BE PROVIDED TO THE ENGINEER AND AUTHORITY HAVING JURISDICTION FOR REVIEW DURING THE SUBMITTAL PROCESS.



DENOTES ELECTRICAL RUN OUT TO FACP.

NOTE: LOCATE ON FLOOR SERVED

A	TYPICAL FLOOR CONTROL ASSEMBLY
FX1.00	SCALE: NO SCALE

FIRE SUPPRESSION SYMBOL LIST

LINETYPE	ABBREVIATION	INTENT
	UP	PIPE UP
	DWN	PIPE DOWN
	-	WET SYSTEM PIPING
	-	WET SYSTEM UPRIGHT SPRINKLER
	-	WET SYSTEM PENDENT SPRINKLER
	-	WET SYSTEM UPRIGHT & PENDENT SPRINKLER
	-	DRY SYSTEM PIPING
	-	DRY SYSTEM UPRIGHT SPRINKLER
	-	DRY SYSTEM PENDENT SPRINKLER
	-	DRY SYSTEM UPRIGHT & PENDENT SPRINKLER
	-	SIDEWALL SPRINKLER
	P.O.D.	POINT OF DISCONNECT
	P.O.C.	POINT OF CONNECTION
	(N)	NEW
	(E)	EXISTING
	AFF	ABOVE FINISHED FLOOR
	AFG	ABOVE FINISHED GRADE
	BFF	BELOW FINISHED FLOOR
	BFG	BELOW FINISHED GRADE
	MIN	MINIMUM
	TYP	TYPICAL
	GPM	GALLON PER MINUTE

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FINAL BID DOCUMENTS

Revisions: Date

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Drawing Title: FIRE PROTECTION NOTES & DETAILS

Approved: Project Director

Project Title: BUILDING 700 4 FLOOR RENOVATION

Location: VA MATHER

Date: 02/01/2016 Checked: Checker Drawn: Author

Project Number: 612A4-12-212

Building Number:

Drawing Number: FX 1.00

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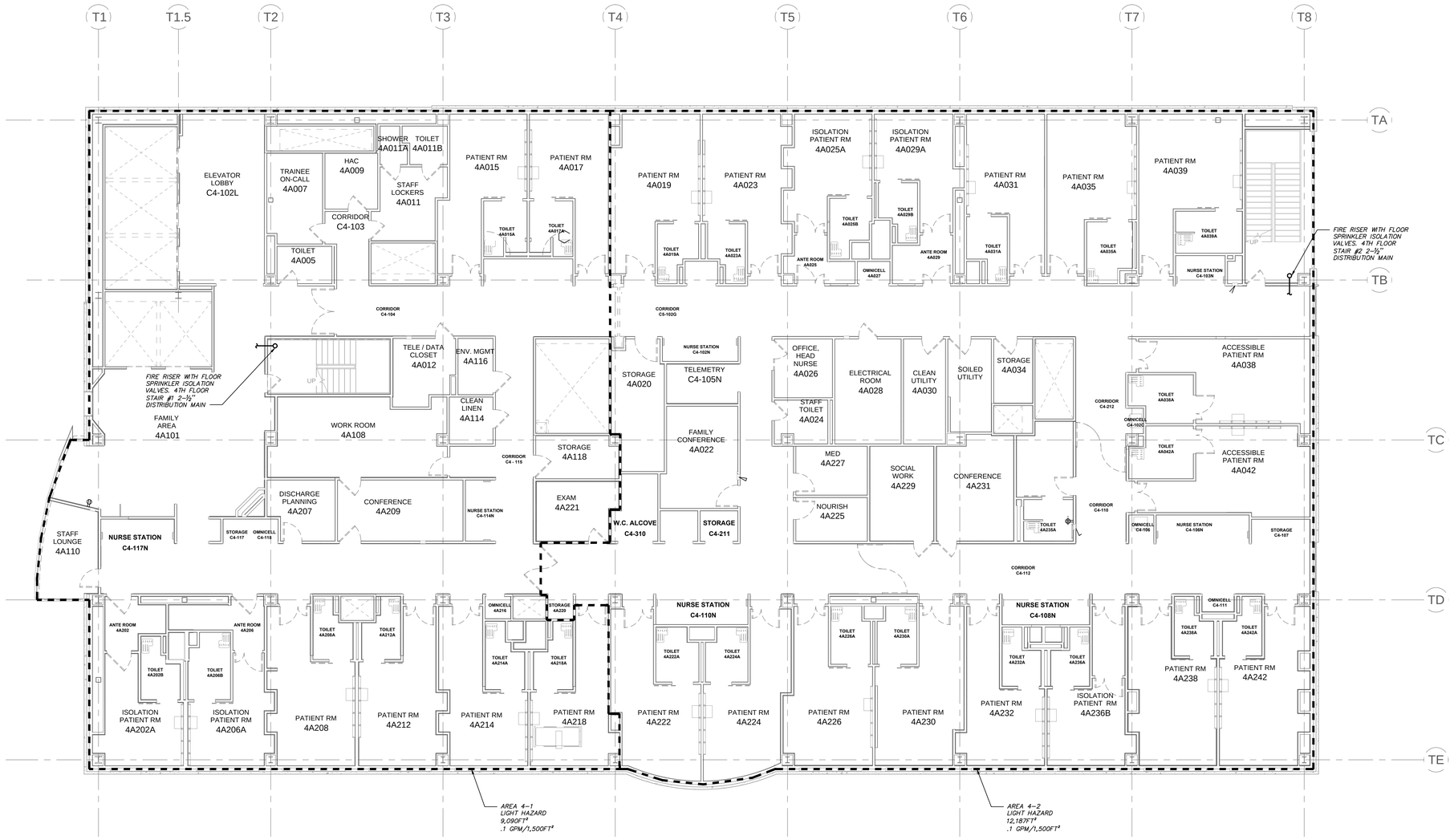
Office of Construction and Facilities Management

Department of Veterans Affairs

VA FORM 08-6231



FOURTH FLOOR SUPRESSION PLAN

SCALE: 1/8" = 1'-0"

NOTES

1. EXISTING HYDRAULIC SYSTEM 4TH FLOOR STAIR #1

NUMBER OF SPRINKLERS:	13
DENSITY	.1 GPM/FT²
AREA	1,500 FT²
WATER FLOW	579 GPM
RESIDUAL	3 PSI

2. EXISTING HYDRAULIC SYSTEM 4TH FLOOR STAIR #2

NUMBER OF SPRINKLERS:	17
DENSITY	.1 GPM/FT²
AREA	1,500 FT²
WATER FLOW	614 GPM
RESIDUAL	32.5 PSI

1 LEVEL 4 FLOOR - DEMOLITION

0 4' 8' 16'

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FINAL BID DOCUMENTS

Revisions: | Date

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Drawing Title: FOUR FLOOR SUPRESSION PLAN

Approved: Project Director

Project Title: BUILDING 700 4 FLOOR RENOVATION

Location: VA MATHER

Date: 02/01/2016 | Checked: Checker | Drawn: Author

Project Number: 612A4-12-212

Building Number:

Drawing Number: FX 1.01

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