ABBREVIATIONS

AFF	ABOVE FINISHED FLOOR	F.E.	FIRE EXTINGUISHER	R.O.	ROUGH OPENING
AS	AUTOMATIC SPRINKLER	FEC	FIRE EXTINGUISHER CABINET	RPZ	REDUCED PRESSURE ZONE
BATT	BATTERY	F.F.	FINISHED FLOOR	SCHED.	SOLID CORE
B.O.R.	BOTTOM OF RISER	FIN.	FINISH	SD	SMOKE DETECTOR
BSMT	BASEMENT	FL. / FLR.	FLOOR	SD(D)	SMOKE DETECTOR (DUCT)
BTWN	BETWEEN	FM	FACTORY MUTUAL	SECT.	SECTION
CEM.	CEMENT	F.O.B.	FACE OF BUILDING / FACE OF BRICK	SHT.	SHEET
C.I.	CAST IRON	FRMG.	FRAMING	SIM.	SIMILAR
CIS	COMMON INTELLIGABILITY SCORE	FT.	FEET	SP	SPEAKER
CLG.	CEILING	FTG.	FOOTING	SPEC	SPECIFICATION
CLO.	CLOSET	F.V.	FIELD VERIFY	SPKR	SPRINKLER
CMU	CONCRETE MASONRY UNIT	GA	GAUGE	SP/ST	SPEAKER/STROBE
COL.	COLUMN	GALV.	GALVANIZED	SQ.	SQUARE
COMB.	COMBINATION	G.C.	GENERAL CONTRACTOR	ST	STROBE
COMP.	COMPACT / COMPACTED	GL.	GLASS	STL.	STEEL
CONC.	CONCRETE	GWB	GYPSUM WALL BOARD\	STDP	STANDPIPE
CONSTR.	CONSTRUCTION	HGT.	HEIGHT	STOR.	STORAGE
CONT.	CONTINUE / CONTINUOUS	H.M.	HOLLOW METAL	STRUCT.	STRUCTURAL / STRUCTURE
CORR.	CORRIDOR / CORRUGATED	HORIZ.	HORIZONTAL	SURF.	SURFACE
CTR.	CENTER	HTR.	HEATER	SUSP.	SUSPENDED
CU.	CUBIC	I.D.	INSIDE DIAMETER	SYST.	SYSTEM
DB	DECIBEL	INCL.	INCLUDE	TEMP.	TEMPERATURE
DBL.	DOUBLE	INSUL.	INSULATE / INSULATION	T.O.	TOP OF
DEMO	DIRECT CURRENT	JAN.	JANITOR	T.O.F.	TOP OF FOOTER
DC	DEMOLISH, DEMOLITION	LH	LIGHT HAZARD	T.O.M.	TOP OF MASONRY
DIA.	DIAMETER	LOC	LOCAL OPERATING CONSOLE	T.O.R.	TOP OF RISER
DIM.	DIMENSION	MNS	MASS NOTIFICATION SYSTEM	T.O.S.	TOP OF STEEL
DN	DOWN/DROP NIPPLE	O.D.	OUTSIDE DIAMETER	T.O.W.	TOP OF WALL
DR.	DOOR	OHG1	ORDINARY HAZARD GROUP ONE	TYP	TYPICAL
DWG.	DRAWING	OHG2	ORDINARY HAZARD GROUP TWO	UL	UNDERWRITERS' LABORATORY
DTL.	DETAIL	O.H.	OVERHEAD / OPPOSITE HAND	U.O.N.	UNLESS OTHERWISE NOTED
EA.	EACH	OPNG.	OPENING	VAC	VOLT, ALTERNATING CURRENT
E.F.	EXHAUST FAN	OPP.	OPPOSITE	VB	VAPOR BARRIER
EHG1	EXTRA HAZARD GROUP 1	PLYWD.	PLYWOOD	VERT.	VERTICAL
EHG2	EXTRA HAZARD GROUP 2	PNT. / PTD.	PAINT / PAINTED	V.I.F.	VERIFY IN FIELD
EJ	EXPANSION JOINT	PR	PAIR	W/	WITH
EL.	ELEVATION	PS	PRESSURE SWITCH	WD	WET SYSTEM DRAIN
ELEV.	ELEVATOR	P.S.I	POUNDS PER SQUARE INCH	WDW.	WINDOW
EMER	EMERGENCY	P.T.	PRESSURE TREATED	WFS	WATERFLOW SWITCH
EQ.	EQUAL	R	RISER/RADIUS	WMG	WATER MOTOR GONG
EQUIP	EQUIPMENT	RCV	RISER CONTROL VALVE	W/O	WITHOUT
ETR	EXISTING TO REMAIN	RD	ROOF DRAIN	WP.	WEATHERPROOF
EXIST.	EXISTING	RECP.	RECEPTACLE	WS	WET SYSTEM
EXP.	EXPANSION	REFL.	REFLECTED		
F.A.	FIRE ALARM	REINF.	REINFORCE / REINFORCED		
F.A.C.P.	FIRE ALARM CONTROL PANEL	REL	RELEASE		
F.D.	FLOOR DRAIN	REQ.	REQUIRED		
FDC	FIRE DEPARTMENT CONNECTION	RM.	ROOM		
FDN.	FOUNDATION	RN	RISER NIPPLE		

FIRE ALARM SYMBOLS

?	SMOKE DETECTOR
F	TAMPER SWITCH
F	FLOW SWITCH
F	HORN STROBE (WALL MOUNTED)
F	HORN STROBE (CEILING MOUNTED)
M	MANUAL PULL STATION
FACP	FIRE ALARM CONTROL PANEL
FAT	FIRE ALARM TRANSMITTER
CM	CONTROL MODULE
F	STROBE ONLY (WALL MOUNTED)
	RADIO TRANSMITTER
MM	MONITOR MODULE
? D	DUCT SMOKE DETECTOR
F	DOOR HOLD OPEN

FIRE SUPPRESSION SYMBOLS

	FLOW SWITCH
	BLACK STEEL ELBOW
	GATE VALVE
	ALARM CHECK VALVE
	CHECK VALVE
	BLACK STEEL TEE
	BLACK STEEL PIPE
	4" FIRE DEPARTMENT CONNECTION
	ZONE BOUNDARY LINE
TS	TAMPER SWITCH

FIRE ALARM GENERAL NOTES

1. THE SCOPE OF WORK IS TO PROVIDE AND INSTALL A NEW COMPLETE, ANALOG/ADDRESSABLE FIRE ALARM SYSTEM DESCRIBED HEREIN AND ON THE CONTRACT DRAWINGS FOR THE NEW CLINIC BUILDINGS AT WALTER REED NATIONAL MILITARY MEDICAL CENTER. A SINGLE FIRE ALARM SYSTEM SHALL COVER BOTH "BUILDINGS" CREATED BY THE 2-HOUR FIRE WALL. INCLUDE IN THE SYSTEM WIRING, RACEWAYS, PULL BOXES, TERMINAL CABINETS, OUTLET AND MOUNTING BOXES, CONDUIT, CONTROL EQUIPMENT, ALARM AND SUPERVISORY SIGNAL INITIATING DEVICES, ALARM NOTIFICATION APPLIANCES, SUPERVISING STATION FIRE ALARM SYSTEM TRANSMITTER, AND OTHER ACCESSORIES AND MISCELLANEOUS ITEMS REQUIRED FOR A COMPLETE OPERATING SYSTEM EVEN THOUGH EACH ITEM IS NOT SPECIFICALLY MENTIONED OR DESCRIBED. PROVIDE SYSTEM COMPLETE AND READY FOR OPERATION.
2. DEVICES SHOWN ON DRAWINGS ARE REQUIRED TYPE IN APPROXIMATE LOCATIONS. CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING THE SYSTEM IN ACCORDANCE WITH NFPA 70, NFPA 72, UFC 3-600-1 CHANGE 3, AND PROJECT DOCUMENTS. DEVIATION FROM THE DESIGN OR QUESTIONS PERTAINING TO THE DESIGN SHALL BE ADDRESSED TO THE DESIGN FIRE PROTECTION ENGINEER-OF-RECORD BY MEANS OF AN RFI. COORDINATION OF INSTALLATION WITH OTHER TRADES IS REQUIRED BY THE FIRE ALARM CONTRACTOR PRIOR TO FABRICATION AND INSTALLATION.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING ADDITIONAL HORNS AND STROBES IN AREAS THAT DO NOT MEET AUDIBILITY CRITERIA AND THAT DO NOT MEET VISUAL CRITERIA, RESPECTIVELY, DURING SYSTEM TESTING
4. CONTRACTOR SHALL INSTALL WHITE (CLEAR) STROBES THAT ARE MARKED "FIRE". INSTALL STROBES IN COORDINATION WITH OTHER TRADES. STROBES SHALL BE POSITIONED AND SET WITH ADEQUATE CANDELA RATING TO PROVIDE 100% COVERAGE THROUGHOUT ALL AREAS, WHERE INDICATED, IN ACCORDANCE WITH NFPA 72, UFAS, AND ABA.
5. ALL SYSTEM FIELD WIRING SHALL BE INSTALLED IN CONDUIT (MINIMUM 3/4 INCH) IN ACCORDANCE WITH NFPA 70. CONDUIT AND JUNCTION BOXES SHALL BE CLEARLY LABELED AS FIRE ALARM, TO DIFFERENTIATE THE SYSTEM FROM ALL OTHER ELECTRICAL CIRCUITS.
6. CONTRACTOR SHALL PROVIDE CLASS B NOTIFICATION APPLIANCE CIRCUITS, CLASS B SIGNALING LINE CIRCUITS, AND CLASS B INITIATION DEVICE CIRCUITS.
7. IF THE CONTRACTOR CHOOSES TO UTILIZE POWER EXTENDER PANELS FOR THE HORN AND/OR STROBE CIRCUITS THE EXTENDER PANELS SHALL BE LOCATED IN ELECTRICAL CLOSETS. AVAILABLE CLOSETS INCLUDE 1D32, 1C43, 1B27, 1A46, 2C39 AND 2A34.
8. HEAT TRACING IS TO BE PROVIDED ON THE BULK WATER MAIN PIPING LOCATED IN THE UNHEATED CRAWL SPACE. COORDINATE WITH PLUMBING FOR EXACT LOCATION. THE FIRE ALARM SYSTEM SHALL MONITOR THE HEAT TRACE FOR LOW/HIGH PIPE TEMPERATURE, LOSS OF POWER, AND GROUND FAULT TRIP.

FIRE SUPPRESSION GENERAL NOTES

1. THE SCOPE OF WORK IS TO PROVIDE AND INSTALL A NEW AUTOMATIC WET PIPE SPRINKLER SYSTEM FOR THE NEW CLINIC BUILDINGS AT WALTER REED NATIONAL MILITARY MEDICAL CENTER. ALL PIPING SHALL BE SCHEDULE 10 OR SCHEDULE 40 BLACK STEEL PIPE. THE 2-HOUR FIRE WALL CREATES TWO SEPARATE "BUILDINGS". A SEPARATE SYSTEM RISER IS REQUIRED FOR EACH "BUILDING". BOTH "BUILDINGS" WILL BE ZONED BY FLOOR.
2. THE WET PIPE SPRINKLER SYSTEMS WILL PROVIDE 100% PROTECTION FOR THE BUILDING.
3. ALL PIPING AND APPURTENANCES SHOWN ARE FOR DIAGRAMMATIC PURPOSES ONLY. CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING A SYSTEM THAT COMPLIES WITH NFPA 13 2013 ED AS MODIFIED BY UFC 3-600-01 CHANGE 3 GOVERNMENT REGULATIONS AND PROJECT DOCUMENTS. ANY DEVIATIONS FROM THE DESIGN OR QUESTIONS ABOUT THE DESIGN SHALL BE ADDRESSED TO THE FIRE PROTECTION DESIGN ENGINEER-OF-RECORD BY MEANS OF AN RFI. COORDINATION OF INSTALLATION WITH OTHER TRADES IS REQUIRED BY THE CONTRACTOR PRIOR TO FABRICATION AND INSTALLATION.
4. BIDDING OF THE SPRINKLER SYSTEMS SHALL BE BASED UPON THE FOLLOWING RESULTS OF THE WATER FLOW TEST PERFORMED AT HYDRANT H-103, LOCATED AT BUILDING 61 ON NORTH PALMER ROAD:
   STATIC: 72 PSI
   RESIDUAL: 54 PSI @ 1308 GPM
5. CONTRACTOR SHALL PERFORM AN NFPA 291 COMPLIANT WATER FLOW TEST AFTER THE GOVERNMENT HAS ACCEPTED THE NEW WATER MAIN SERVING THE BUILDING. THE RESULTS OF THIS FLOW TEST SHALL BE USED FOR SYSTEM DESIGN.
6. THE SPRINKLER HAZARD CLASSIFICATIONS SHALL BE DEFINED AS LIGHT HAZARD (OFFICE AREAS), AND ORDINARY HAZARD GROUP 2 (STORAGE ROOMS).
7. THE SPRINKLER SYSTEM SHALL BE DESIGNED USING THE AREA/DENSITY METHOD OF NFPA 13, 2013 ED. AS MODIFIED BY UFC 3-600-01 CHANGE 3 (INDICATED BELOW) USING FM DATA SHEET:
   HC-1 HAZARD AREAS WILL BE DESIGNED FOR 0.10 GPM/FT² OVER 1,500 FT² WITH 250 GPM HOSE STREAM ALLOWANCE.
   HC-2 HAZARD GROUP 2 AREAS WILL BE DESIGNED FOR 0.2 GPM/FT² OVER 2,500 FT² WITH 250 GPM HOSE STREAM ALLOWANCE.
8. QUICK RESPONSE SPRINKLERS SHALL BE USED IN LIGHT AND ORDINARY HAZARD AREAS ONLY. COVERAGE PER SPRINKLER SHALL BE IN COMPLIANCE WITH NFPA 13. USE OF EXTENDED COVERAGE SPRINKLERS SHALL NOT BE PERMITTED.
9. EACH HAZARD TYPE SHALL BE HYDRAULICALLY CALCULATED TO PROVE OR PEAK THE SYSTEM. THE CONTRACTOR SHALL PROVIDE CALCULATIONS FOR THE MOST HYDRAULICALLY DEMANDING AND THE MOST HYDRAULICALLY REMOTE AREA FOR EACH AREA. REQUIRED HOSE STREAMS SHALL BE ADDED AT THE CLOSEST HYDRANT TO THE BUILDING LOCATED AT THE CORNER OF THE PAVED PARKING LOT. ALL HYDRAULIC CALCULATIONS SHALL TERMINATE AT TEST HYDRANT.
10. PROVIDE A LISTED REDUCED PRESSURE ZONE (RPZ) TYPE BACKFLOW PREVENTER ASSEMBLY WHICH SHALL BE MANUFACTURED IN AMERICA AND CARRY A 5-YEAR FACTORY WARRANTY. THE TRIFORCE CENTER-STEM GUIDED CHECK VALVES SHALL FEATURE REVERSIBLE SILICONE RUBBER SEAT DISCS. THE CHECK VALVES SHALL BE HELD IN PLACE BY DROP-IN RETAINERS (2-1/2" - 6") OR STAINLESS STEEL (SS) STUDS AND NUTS (8" - 12"). THE BODIES SHALL BE SS IN 2-12" - 8" SIZES AND FDA EPOXY COATED DUCTILE IRON IN 10" & 12" SIZES. THE DOMESTIC BALL VALVE TEST COCKS SHALL HAVE SS HANDLES. THE ASSEMBLY SHALL PREVENT CONTAMINATION OF THE POTABLE WATER SUPPLY DUE TO BACK-SIPHONAGE OR BACKPRESSURE FROM SUBSTANCES THAT ARE NON-HEALTH HAZARDS. THE PRESSURE DROP ACROSS THE ASSEMBLY SHALL BE DOCUMENTED BY ASSE OR USC FCCC&HR APPROVAL CURVES. IT SHALL FEATURE SS BODY: 2-1/2" - 8". THE BACKFLOW PREVENTER SHALL BE INSTALLED BY A LICENSED PLUMBER.
11. THE BUILDING HAS A CRAWL SPACE WITH THE WOOD JOIST SPACE AND THE BOTTOM OF JOISTS COVERED WITH FIBERGLASS INSULATION IN ACCORDANCE WITH NFPA 13 PARAGRAPH 8.15.1.2.17. THEREFORE, SPRINKLERS ARE NOT REQUIRED IN THE CRAWL SPACE.
12. HEAT TRACING IS TO BE PROVIDED ON THE BULK WATER MAIN PIPING LOCATED IN THE UNHEATED CRAWL SPACE. COORDINATE WITH PLUMBING FOR EXACT LOCATION. HEAT TRACING SHALL BE UL LISTED FOR FIRE PROTECTION.
13. THE HYDRAULICALLY CALCULATED PIPE SCHEDULE SHALL BE DOCUMENTED BY THE SPRINKLER CONTRACTOR ON THE HYDRAULIC INFORMATION DATA PLATE OF EACH ZONE AND MEMORIALIZED FOR OWNER ON THE AS-BUILT DRAWINGS FOR USE IN FUTURE RENOVATIONS. THE CONTRACTOR SHALL PROVIDE A TABLE ON EACH SHOP DRAWING INDICATION THE HYDRAULICALLY CALCULATED PIPE SCHEDULE (FOR EACH FLOOR OR ZONE IF THEY DIFFER).

SYM	DESCRIPTION	DATE
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	100% FINAL DESIGN SUBMISSION	02/14/14
	65% VE SUBMISSION	11/25/13
	65% SUBMITTAL	04/26/13
	35% SUBMITTAL	03/08/13

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DES RCB DRW DML CHK TAS
PM/DM CHEMENJU/HILL
BRANCH MANAGER N/A
CHIEF ENG/ARCH TOM COX

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ATLANTIC
Walter Reed National Military Medical Center - Bethesda, Maryland
NSA/Bethesda BETHESDA, MD
P125 - TEMPORARY MEDICAL FACILITIES
PACKAGE 2 - CLINIC BUILDING
FIRE PROTECTION - ABBREVIATIONS, SYMBOLS AND GENERAL NOTES

SCALE: As indicated
EPROJECT NO.: 1151333
CONSTR. CONTR. NO. N62470-09-D-9044
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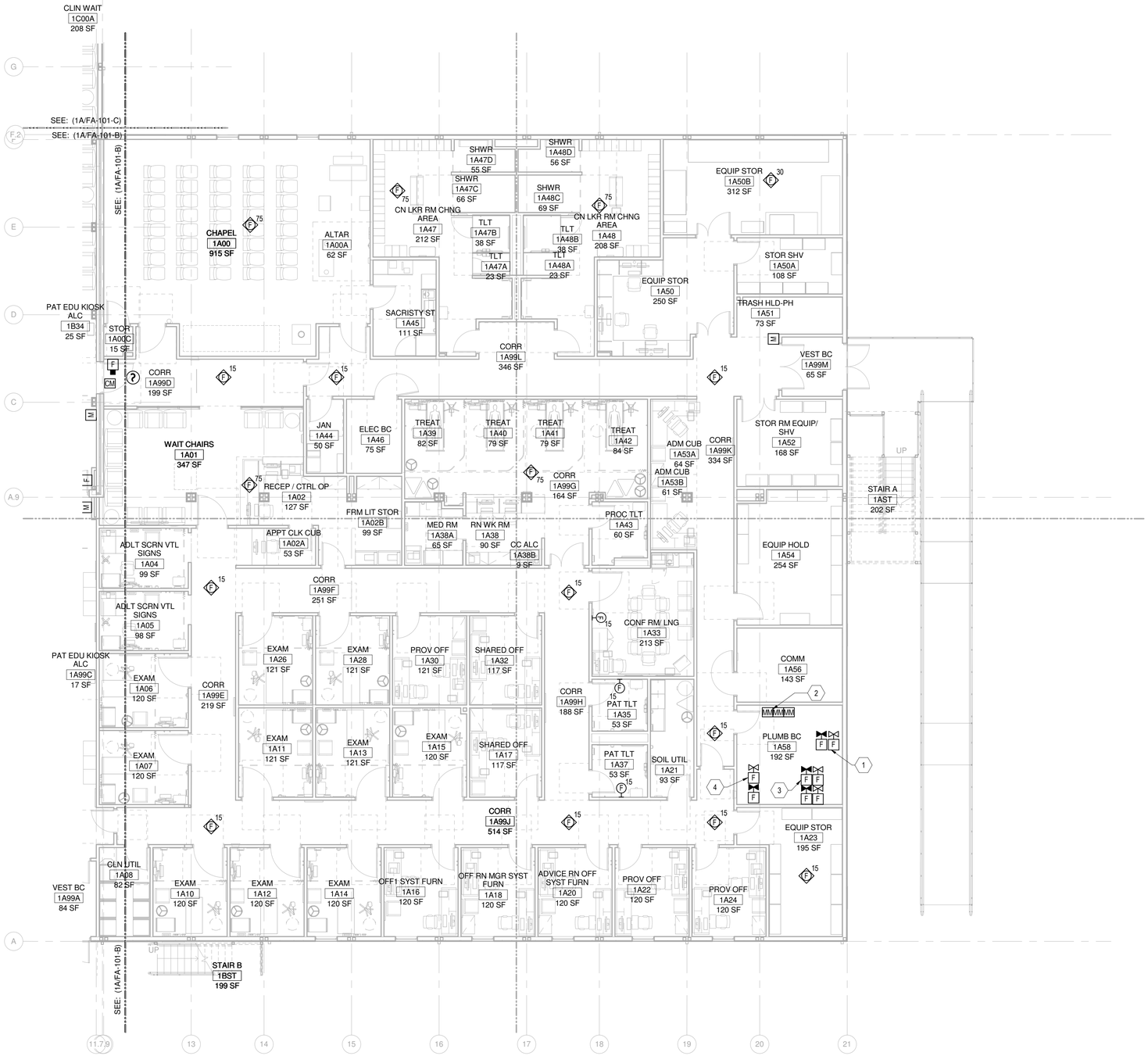

1A LEVEL 1 P125 - AREA A - FIRE ALARM

1/8" = 1'-0"

0 4'-0" 8'-0" 16'-0"

GENERAL NOTES: FLOOR PLAN

A. REFER TO LIFE SAFETY SHEET G-101-AB FOR LOCATION OF HORIZONTAL EXITS.

KEYED NOTES: FLOOR PLAN

1. PROVIDE VALVE SUPERVISION FOR BACKFLOW PREVENTOR ISOLATION VALVES.
2. MONITOR MODULES SUPERVISORY POINTS FOR HEAT TRACING CONTROLLER.
3. PROVIDE VALVE TAMPER AND SPRINKLER FLOW SWITCH (WITH ASSOCIATED MONITOR MODULES) FOR EACH SPRINKLER ZONE.
4. PROVIDE VALVE TAMPER AND SUPRVISORY FLOW SWITCH FOR SPRINKLER RISER.

SYM	DESCRIPTION	DATE
	FINAL CORRECTED SET	03/26/14
	100% FINAL DESIGN SUBMISSION	02/14/14
	65% VE SUBMISSION	11/25/13
	65% SUBMITTAL	04/26/13
	35% SUBMITTAL	03/08/13

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P125 - TEMPORARY MEDICAL FACILITIES
PACKAGE 2 - CLINIC BUILDING

FIRE PROTECTION - FIRE ALARM PLAN - FIRST FLOOR AREA A

SCALE: 1/8" = 1'-0"
EPROJECT NO.: 1151333
CONSTR. CONTR. NO. N62470-09-D-9044
NAVFAC DRAWING NO. 13065957
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D
C
B A

KEY PLAN

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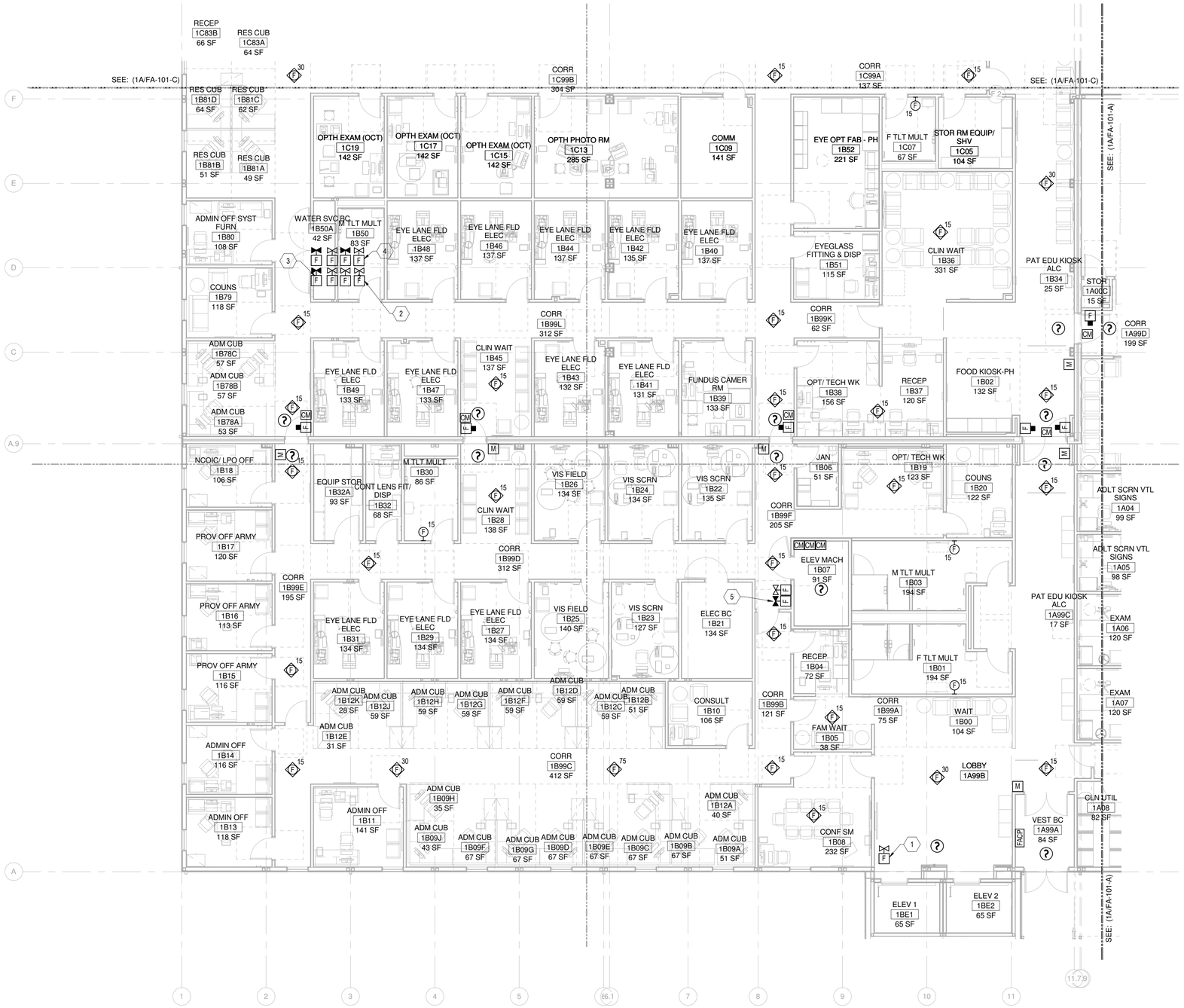

1A LEVEL 1 P125 - AREA B - FIRE ALARM

1/8" = 1'-0"

0 4'-0" 8'-0" 16'-0"

GENERAL NOTES: FLOOR PLAN

A. REFER TO LIFE SAFETY SHEET G-101-AB FOR LOCATION OF HORIZONTAL EXITS.

KEYED NOTES: FLOOR PLAN

1. PROVIDE TAMPER SWITCH ON CONTROL VALVE ON BRANCHLINE TO ELEVATOR PIT SPRINKLERS.
2. PROVIDE VALVE SUPERVISION FOR BACKFLOW PREVENTOR ISOLATION VALVES.
3. PROVIDE VALVE TAMPER AND SPRINKLER FLOW SWITCH (WITH ASSOCIATED MONITOR MODULES) FOR EACH SPRINKLER ZONE.
4. PROVIDE VALVE TAMPER AND SUPRVISORY FLOW SWITCH FOR SPRINKLER RISER.
5. PROVIDE ZERO TIME DELAY FLOW SWITCH AND VALVE TAMPER SWITCH (WITH MONITOR MODULES) FOR ELEVATOR MACHINE ROOM.

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	65% SUBMITTAL	04/26/13
	35% SUBMITTAL	03/08/13

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PMOM CHEMENJU/HILL

BRANCH MANAGER N/A

CHIEF ENG/ARCH TOM COX

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PACKAGE 2 - CLINIC BUILDING

FIRE PROTECTION - FIRE ALARM PLAN - FIRST FLOOR AREA B

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

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C
B A

KEY PLAN

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1A LEVEL 1 P125 - AREA C - FIRE ALARM

1/8" = 1'-0"

0 4'-0" 8'-0" 16'-0"

GENERAL NOTES: FLOOR PLAN

KEYED NOTES: FLOOR PLAN

SYM	DESCRIPTION	DATE
	FINAL CORRECTED SET	03/26/14
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	65% VE SUBMISSION	11/25/13
	65% SUBMITTAL	04/26/13
	35% SUBMITTAL	03/08/13

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PACKAGE 2 - CLINIC BUILDING

FIRE PROTECTION - FIRE ALARM PLAN - FIRST FLOOR AREA C

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

EPROJECT NO.: 1151333

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B A

KEY PLAN

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1A LEVEL 1 P125 - AREA D - FIRE ALARM

1/8" = 1'-0"

0 4'-0" 8'-0" 16'-0"

GENERAL NOTES: FLOOR PLAN

KEYED NOTES: FLOOR PLAN

SYM	DESCRIPTION	DATE
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PMDM CHEMENJU/HILL

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PACKAGE 2 - CLINIC BUILDING

FIRE PROTECTION - FIRE ALARM PLAN - FIRST FLOOR AREA D

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

EPROJECT NO. 1151333

CONSTR. CONTR. NO. N62470-09-D-9044

NAVFAC DRAWING NO. 13065960

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C
B A

KEY PLAN

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1A LEVEL 2 P125 - AREA A - FIRE ALARM

1/8" = 1'-0"

0 4'-0" 8'-0" 16'-0"

GENERAL NOTES: FLOOR PLAN

A. REFER TO LIFE SAFETY SHEET G-102-AB FOR LOCATION OF HORIZONTAL EXITS.

KEYED NOTES: FLOOR PLAN

1 INSTALL DUCT SMOKE DETECTOR PER NFPA 72 AND MANUFACTURER'S RECOMMENDATIONS.

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	65% SUBMITTAL	04/26/13
	35% SUBMITTAL	03/08/13

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DES RCB DRW DML CHK TAS

PMDM CHEMENJU/HILL

BRANCH MANAGER N/A

CHIEF ENG/ARCH TOM COX

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P125 - TEMPORARY MEDICAL FACILITIES
PACKAGE 2 - CLINIC BUILDING

FIRE PROTECTION - FIRE ALARM PLAN - SECOND FLOOR
AREA A

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

EPROJECT NO.: 1151333

CONSTR. CONTR. NO. N62470-09-D-9044

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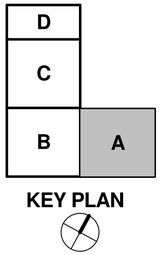

KEY PLAN

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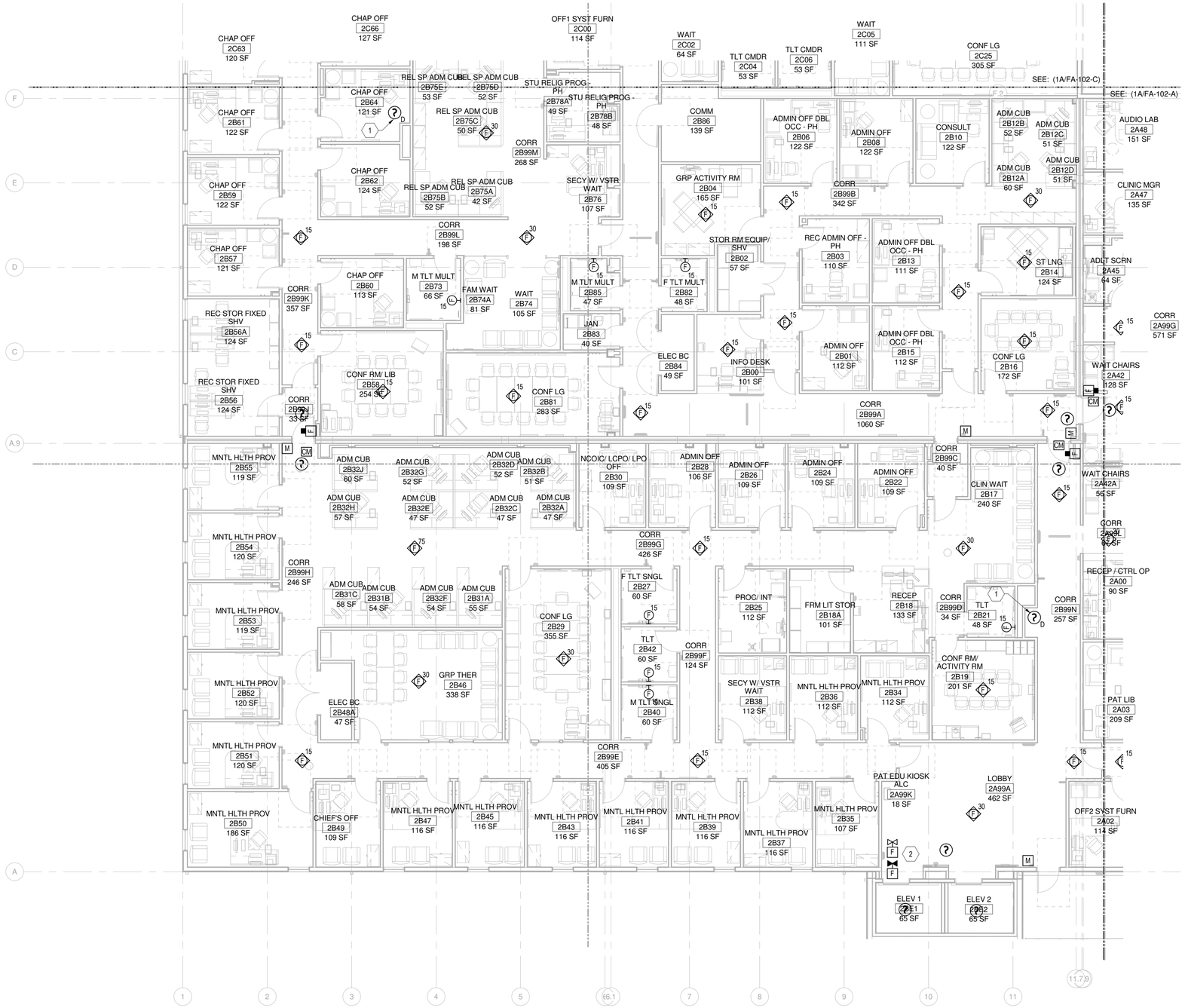

1A LEVEL 2 P125 - AREA B - FIRE ALARM

1/8" = 1'-0"

GENERAL NOTES: FLOOR PLAN

A. REFER TO LIFE SAFETY SHEET G-102-AB FOR LOCATION OF HORIZONTAL EXITS.

KEYED NOTES: FLOOR PLAN

1 INSTALL DUCT SMOKE DETECTOR PER NFPA 72 AND MANUFACTURER'S RECOMMENDATIONS.

2 PROVIDE ZERO TIME DELAY FLOW SWITCH AND VALVE TAMPER SWITCH (WITH MONITOR MODULES) FOR ELEVATOR MACHINE ROOM.

SYM	DESCRIPTION	DATE
	FINAL CORRECTED SET	03/26/14
	100% FINAL DESIGN SUBMISSION	02/14/14
	65% VE SUBMISSION	11/25/13
	65% SUBMITTAL	04/26/13
	35% SUBMITTAL	03/08/13

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SUITE 400
ALEXANDRIA, VIRGINIA 22314
703-518-8500

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FOR COMMANDER NAVFAC

ACTIVITY

SATISFACTORY TO DATE

DES RCB DRW DML CHK TAS

PMDM CHEMENJU/HILL

BRANCH MANAGER N/A

CHIEF ENG/ARCH TOM COX

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
ATLANTIC

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Walter Reed National Military Medical Center - Bethesda, Maryland

NSA/Bethesda

BETHESDA, MD

P125 - TEMPORARY MEDICAL FACILITIES
PACKAGE 2 - CLINIC BUILDING

FIRE PROTECTION - FIRE ALARM PLAN - SECOND FLOOR
AREA B

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

EPROJECT NO.: 1151333

CONSTR. CONTR. NO. N62470-09-D-9044

NAVFAC DRAWING NO. 13065962

SHEET OF 0

FA-102-B

D
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B A

KEY PLAN

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1A LEVEL 2 P125 - AREA C - FIRE ALARM

1/8" = 1'-0"

0 4'-0" 8'-0" 16'-0"

GENERAL NOTES: FLOOR PLAN

KEYED NOTES: FLOOR PLAN

1 INSTALL DUCT SMOKE DETECTOR PER NFPA 72 AND MANUFACTURER'S RECOMMENDATIONS.

2 PROVIDE 24 VDC PHOTOELECTRIC ADDRESSABLE SMOKE DETECTOR WITH SOUNDER BASE. SMOKE DETECTOR MUST CAUSE THE SOUNDER BASE TO ACTIVATE AND AN ALARM SIGNAL TO ACTIVATE AT THE FACP WHICH IS TRANSMITTED TO THE FIRE DEPARTMENT VIA THE RADIO TRANSMITTER, BUT MUST NOT ACTIVATE THE BUILDING EVACUATION ALARM.

SYM	DESCRIPTION	DATE
	FINAL CORRECTED SET	03/26/14
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	65% SUBMITTAL	04/26/13
	35% SUBMITTAL	03/08/13

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DES RCB DRW DML CHK TAS

PMOM CHEMENJU/HILL

BRANCH MANAGER N/A

CHIEF ENG/ARCH TOM COX

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
ATLANTIC

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Walter Reed National Military Medical Center - Bethesda, Maryland

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BETHESDA, MD

P125 - TEMPORARY MEDICAL FACILITIES
PACKAGE 2 - CLINIC BUILDING

FIRE PROTECTION - FIRE ALARM PLAN - SECOND FLOOR
AREA C

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

EPROJECT NO.: 1151333

CONSTR. CONTR. NO. N62470-09-D-9044

NAVFAC DRAWING NO. 13065963

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KEY PLAN

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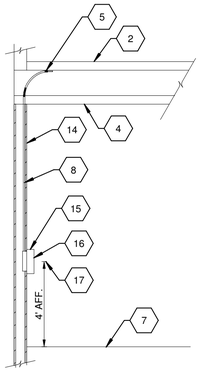
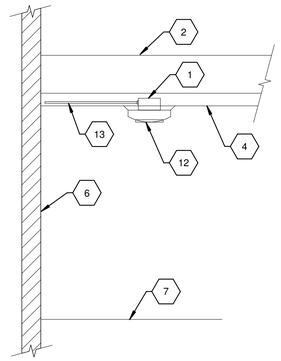
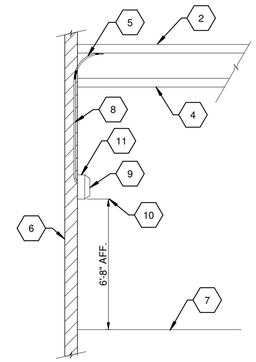


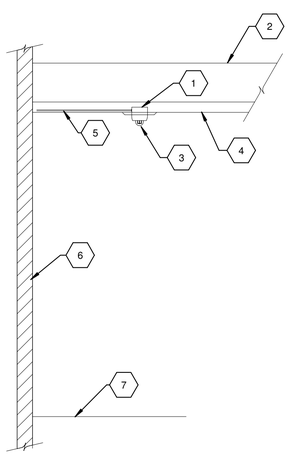
1C MANUAL PULL STATION DETAIL
NTS



2C SMOKE DETECTOR DETAIL
NTS



4C WALL MOUNTED HORN/STROBE DETAIL
NTS



1A CEILING MOUNTED HORN/STROBE DETAIL
NTS

GENERAL NOTES: FLOOR PLAN

KEYED NOTES: FLOOR PLAN

1 RECESSED 4" X 4" BACK BOX SUPPORTED BY STRUCTURE ABOVE CEILING.
2 ROOF ASSEMBLY.
3 FLUSH MOUNTED HORN/STROBE.
4 ACOUSTIC CEILING TILE OR SUSPENDED GYPSUM CEILING.
5 EMT CONDUIT AND STRAP PER NEC.
6 WALL
7 FINISHED FLOOR.
8 CONDUIT IN WALL.
9 NOTIFICATION APPLIANCE.
10 MOUNTING HEIGHT TO BOTTOM OF LEXAN STROBE COVER.
11 4" X 4" BACK BOX FOR NEW SURFACE MOUNTED DEVICE.
12 FLUSH MOUNTED SMOKE DETECTOR.
13 EMT AND STRAP PER NEC.
14 HOLLOW COR WALL.
15 RECESSED 4" X 4" BACK BOX IN WALL FOR NEW FLUSH MOUNTED DEVICE.
16 FLUSH MOUNTED PULL STATION.
17 MOUNTING HEIGHT TO OPERATION HANDLE.

SYM	DESCRIPTION	DATE
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	65% VE SUBMISSION	11/25/13
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	35% SUBMITTAL	03/08/13

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COMMONWEALTH OF VIRGINIA
THOMAS A. STANTON
No. 022120
PROFESSIONAL ENGINEER
3/26/14

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SUITE 400
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703-518-8500

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ACTIVITY
SATISFACTORY TO DATE

DES RCB	DRW DML	CHK TAS	
PM/DM	CHEMENJU/HILL		
BRANCH MANAGER	N/A		
CHIEF ENG/ARCH	TOM COX		

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NSA/Bethesda
BETHESDA, MD
P125 - TEMPORARY MEDICAL FACILITIES
PACKAGE 2 - CLINIC BUILDING
FIRE PROTECTION - FIRE ALARM - DETAILS

SCALE: As indicated
EPROJECT NO.: 1151333
CONSTR. CONTR. NO. N62470-09-D-9044
NAVFAC DRAWING NO. 13065964
SHEET OF 0
FA-501

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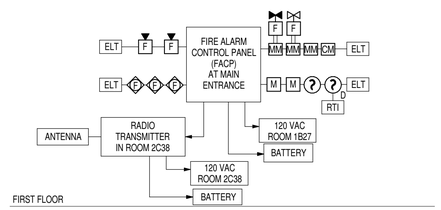

1B FIRE ALARM RISER DIAGRAM
NTS

	ACTIVATE FIRE ALARM STROBES	ACTIVATE HORNS	ALARM SIGNAL (FACP)	SUPERVISORY SIGNAL (FACP)	TROUBLE SIGNAL (FACP)	ALARM SIGNAL (TRANSMIT TO WRNMMC FD)	SUPERVISORY SIGNAL (TRANSMIT TO WRNMMC FD)	TROUBLE SIGNAL (TRANSMIT TO WRNMMC FD)	SHUTDOWN HVAC	PRIMARY FLOOR RECALL	SECONDARY FLOOR RECALL	ELEVATOR POWER SHUNT TRIP
INITIATING DEVICE												
MANUAL PULL STATION	X	X	X		X							
WET SPRINKLER WATER FLOW SWITCH	X	X	X		X							
SMOKE DETECTOR				X		X						
SUPERVISORY VALVE TAMPER SWITCH				X		X						
SPRINKLER PIPE HEAT TRACE MALFUNCTION				X		X						
DUCT SMOKE DETECTOR				X		X			X			
ELEVATOR LOBBY SMOKE DETECTOR - FIRST FLOOR										X		
ELEVATOR LOBBY SMOKE DETECTOR - SECOND FLOOR										X		
ELEVATOR MACHINE ROOM OR TOP OF ELEVATOR SHAFT SMOKE DETECTOR											X	
ELEVATOR MACHINE ROOM OR TOP OF ELEVATOR SHAFT FLOW SWITCH												X
CIRCUIT INTEGRITY												
CIRCUIT - OPEN CONDITION					X		X					
CIRCUIT - EARTH GROUND CONDITION					X		X					
CIRCUIT - SHORT CIRCUIT CONDITION					X		X					
FIRE ALARM CONTROL PANEL MONITORING												
PRIMARY POWER FAIL				X		X						
BATTERY POWER FAIL					X		X					
LOW BATTERY					X		X					
FIRE ALARM RADIO TRANSMITTER FAIL					X		X					
OTHER												
WALK TEST MODE				X		X						
EVACUATION ALARM SILENCE				X		X						
REMOVAL OF ALARM ZONE MODULE				X		X						
TROUBLE SILENCE SWITCH				X		X						
FIRE ALARM RADIO TRANSMITTER DISCONNECT SWITCH				X		X						
DUCT DETECTOR REMOTE TEST INDICATOR				X		X						
ELEVATOR RECALL DISCONNECT SWITCH				X		X						

3B FIRE ALARM MATRIX
NTS

GENERAL NOTES: FLOOR PLAN

KEYED NOTES: FLOOR PLAN

SYM	DESCRIPTION	DATE
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	65% SUBMITTAL	04/26/13
	35% SUBMITTAL	03/08/13

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COMMONWEALTH OF VIRGINIA
THOMAS A. STANTON
No. 022109
PROFESSIONAL ENGINEER
3/26/14

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703-518-8500

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ACTIVITY

SATISFACTORY TO DATE

DES RCB | DRW DML | CHK TAS
PM/DM CHEMENJU/HILL
BRANCH MANAGER N/A
CHIEF ENG/ARCH TOM COX

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
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Walter Reed National Military Medical Center - Bethesda, Maryland
NSA/Bethesda
BETHESDA, MD
P125 - TEMPORARY MEDICAL FACILITIES
PACKAGE 2 - CLINIC BUILDING
FIRE PROTECTION - FIRE ALARM - RISER DIAGRAMS & MATRIX

SCALE: As indicated
EPROJECT NO.: 1151333
CONSTR. CONTR. NO. N62470-09-D-9044
NAVFAC DRAWING NO. 13065965
SHEET OF 0

FA-601

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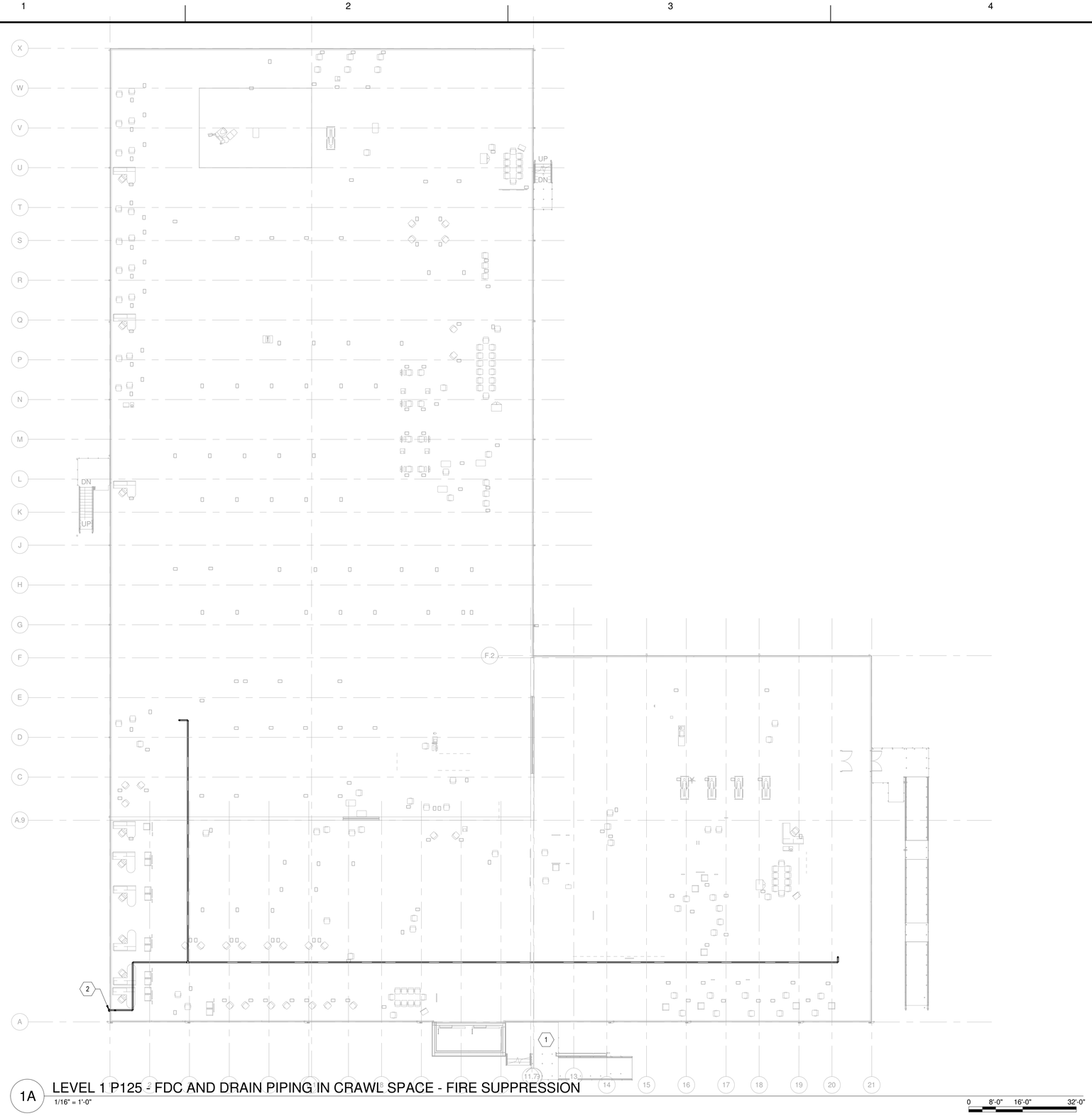


1A LEVEL 1 P125 - FDC AND DRAIN PIPING IN CRAWL SPACE - FIRE SUPPRESSION
1/16" = 1'-0"

0 8'-0" 16'-0" 32'-0"

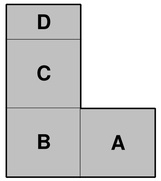
GENERAL NOTES: FLOOR PLAN

A. FIRE DEPARTMENT CONNECTION PIPING FOR SCHEMATIC PURPOSES ONLY. CONTRACTOR TO COORDINATE ROUTING WITH ALL OTHER TRADES.

KEYED NOTES: FLOOR PLAN

1 PIPE MAIN DRAINS FROM BOTH SYSTEMS TO THIS LOCATION UNDER STAIR PLATFORM. DISCHARGE TO SPLASH BLOCK.

2 SIAMESE FIRE DEPARTMENT CONNECTION.



KEY PLAN

SYM	DESCRIPTION	DATE
	FINAL CORRECTED SET	03/26/14
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	65% VE SUBMISSION	11/25/13
	65% SUBMITTAL	04/26/13

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SATISFACTORY TO DATE

DES	RCB	DRW	DML	CHK	TAS
PM/DM	CHEMENJU/HILL				
BRANCH MANAGER	N/A				
CHIEF ENG/ARCH	TOM COX				

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Walter Reed National Military Medical Center - Bethesda, Maryland
NSA/Bethesda
BETHESDA, MD
P125 - TEMPORARY MEDICAL FACILITIES
PACKAGE 2 - CLINIC BUILDING
FIRE PROTECTION - FDC AND DRAIN PIPING IN CRAWL SPACE

SCALE: 1/16" = 1'-0"
EPROJECT NO.: 1151333
CONSTR. CONTR. NO. N62470-09-D-9044
NAVFAC DRAWING NO. 13065966
SHEET OF 0
FX-101

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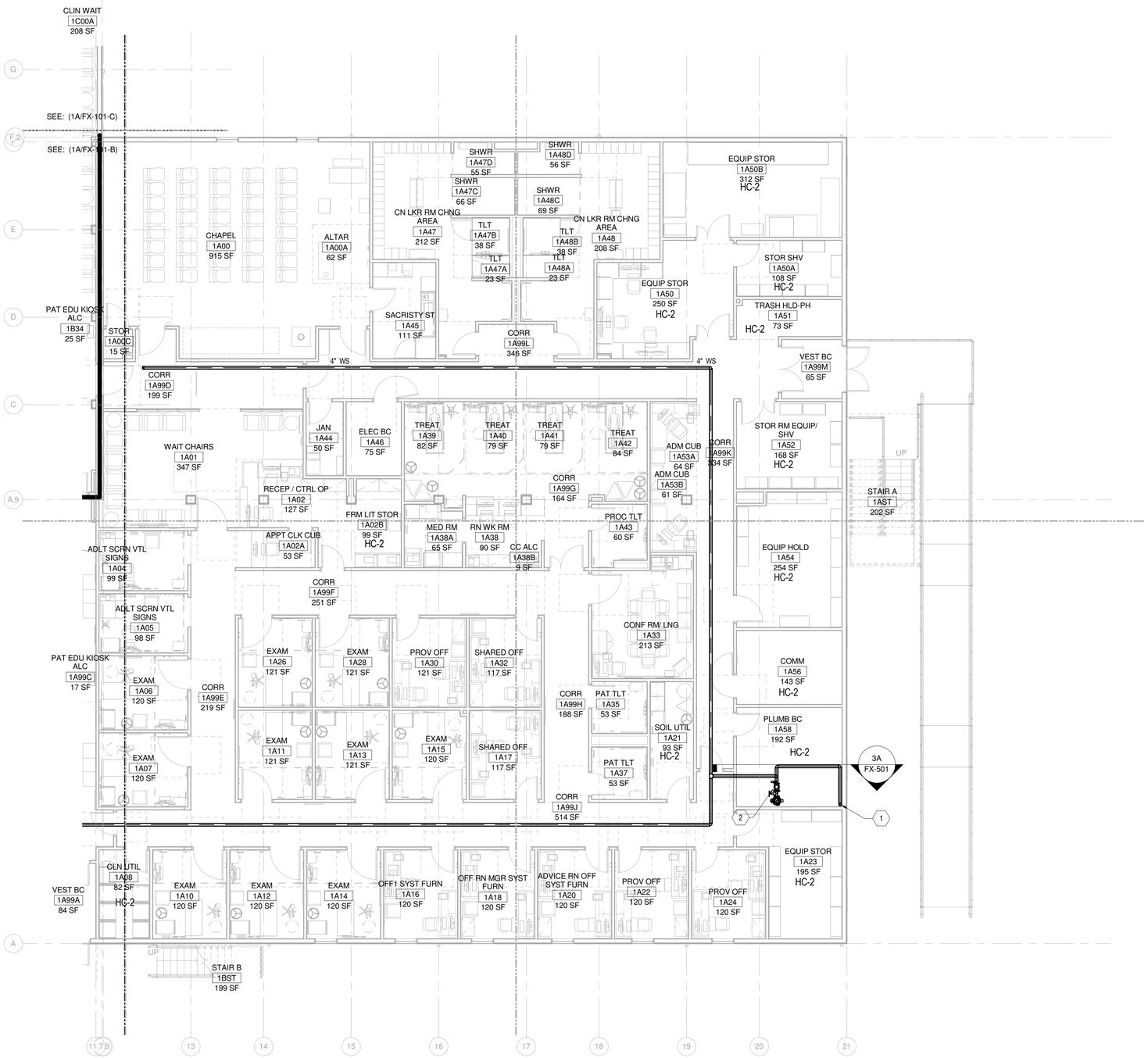

1A LEVEL 1 P125 - AREA A - FIRE SUPPRESSION

1/8" = 1'-0"

0 4'-0" 8'-0" 16'-0"

GENERAL NOTES: FLOOR PLAN

A. ALL SPRINKLERS SOUTH AND EAST OF THE 2-HOUR FIRE WALL ARE ON A SEPARATE SPRINKLER SYSTEM FROM THE SPRINKLERS NORTH AND WEST OF THE 2-HOUR FIRE WALL.

B. ALL AREAS TO BE HC-1 UNLESS OTHERWISE NOTED.

KEYED NOTES: FLOOR PLAN

1 UP TO SECOND FLOOR SOUTH BUILDING SYSTEM.

2 ZONE CONTROL ASSEMBLIES FOR SOUTH BUILDING FIRST AND SECOND FLOORS. SEE DETAIL SHEET FX-501. MOUNTING HEIGHT TO BE NO MORE THAN 7 FEET ABOVE FINISHED FLOOR.

SYM	DESCRIPTION	DATE
	FINAL CORRECTED SET	03/26/14
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	65% SUBMITTAL	04/26/13
	35% SUBMITTAL	03/08/13

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SATISFACTORY TO DATE

DES RCB DRW DML CHK TAS

PMDM CHEMENJU/HILL

BRANCH MANAGER N/A

CHIEF ENG/ARCH TOM COX

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Walter Reed National Military Medical Center - Bethesda, Maryland

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BETHESDA, MD

P125 - TEMPORARY MEDICAL FACILITIES
PACKAGE 2 - CLINIC BUILDING

FIRE PROTECTION - FIRE SUPPRESSION PLAN - FIRST FLOOR
AREA A

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

EPROJECT NO.: 1151333

CONSTR. CONTR. NO. N62470-09-D-9044

NAVFAC DRAWING NO. 13065967

SHEET OF 0

FX-101-A

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KEY PLAN

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1A LEVEL 1 P125 - AREA B - FIRE SUPPRESSION

1/8" = 1'-0"

GENERAL NOTES: FLOOR PLAN

A. ALL SPRINKLERS SOUTH AND EAST OF THE 2-HOUR FIRE WALL ARE ON A SEPARATE SPRINKLER SYSTEM FROM THE SPRINKLERS NORTH AND WEST OF THE 2-HOUR FIRE WALL.

B. ALL AREAS TO BE HC-1 UNLESS OTHERWISE NOTED.

KEYED NOTES: FLOOR PLAN

1. PROVIDE A SUPERVISED SHUT-OFF VALVE, CHECK VALVE, 0 SECOND DELAY FLOW SWITCH, AND TEST VALVE IN THE SPRINKLER LINE SUPPLYING THE ELEVATOR MACHINE ROOM. THESE ITEMS MUST BE LOCATED OUTSIDE OF AND ADJACENT TO THE MACHINE ROOM. ROUTE TEST VALVE DISCHARGE TO SPLASH BLOCK IN CRAWL SPACE.
2. ZONE CONTROL ASSEMBLIES FOR NORTH BUILDING FIRST AND SECOND FLOORS. SEE DETAIL SHEET FX-501. MOUNTING HEIGHT TO BE NO MORE THAN 7 FEET ABOVE FINISHED FLOOR.
3. UP TO SECOND FLOOR NORTH BUILDING SYSTEM.
4. PROVIDE SIDEWALL SPRINKLERS WITH SPRINKLER GUARDS IN THE ELEVATOR PIT. LOCATE THE SPRINKLERS NO MORE THAN 2 FEET ABOVE THE PIT FLOOR.

SYM	DESCRIPTION	DATE
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	65% VE SUBMISSION	11/25/13
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DES RCB DRW DML CHK TAS
PMDM CHEMENJU/HILL
BRANCH MANAGER N/A
CHIEF ENG/ARCH TOM COX

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Walter Reed National Military Medical Center - Bethesda, Maryland
NSA/Bethesda
BETHESDA, MD
P125 - TEMPORARY MEDICAL FACILITIES
PACKAGE 2 - CLINIC BUILDING
FIRE PROTECTION - FIRE SUPPRESSION PLAN - FIRST FLOOR
AREA B

SCALE: 1/8" = 1'-0"
EPROJECT NO.: 1151333
CONSTR. CONTR. NO. N62470-09-D-9044
NAVFAC DRAWING NO. 13065968
SHEET OF 0

FX-101-B

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KEY PLAN

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1A LEVEL 1 P125 - AREA C - FIRE SUPPRESSION

1/8" = 1'-0"

0 4'-0" 8'-0" 16'-0"

GENERAL NOTES: FLOOR PLAN

A. ALL SPRINKLERS SOUTH AND EAST OF THE 2-HOUR FIRE WALL ARE ON A SEPARATE SPRINKLER SYSTEM FROM THE SPRINKLERS NORTH AND WEST OF THE 2-HOUR FIRE WALL.

B. ALL AREAS TO BE HC-1 UNLESS OTHERWISE NOTED.

KEYED NOTES: FLOOR PLAN

SYM	DESCRIPTION	DATE
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ACTIVITY

SATISFACTORY TO DATE

DES RCB DRW DML CHK TAS

PMDM CHEMENJU/HILL

BRANCH MANAGER N/A

CHIEF ENG/ARCH TOM COX

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P125 - TEMPORARY MEDICAL FACILITIES
PACKAGE 2 - CLINIC BUILDING
FIRE PROTECTION - FIRE SUPPRESSION PLAN - FIRST FLOOR
AREA C

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

EPROJECT NO.: 1151333

CONSTR. CONTR. NO. N62470-09-D-9044

NAVFAC DRAWING NO. 13065969

SHEET OF 0

FX-101-C

D
C
B A

KEY PLAN

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1A LEVEL 1 P125 - AREA D - FIRE SUPPRESSION

1/8" = 1'-0"

0 4'-0" 8'-0" 16'-0"

GENERAL NOTES: FLOOR PLAN

A. ALL SPRINKLERS SOUTH AND EAST OF THE 2-HOUR FIRE WALL ARE ON A SEPARATE SPRINKLER SYSTEM FROM THE SPRINKLERS NORTH AND WEST OF THE 2-HOUR FIRE WALL.

B. ALL AREAS TO BE HC-1 UNLESS OTHERWISE NOTED.

KEYED NOTES: FLOOR PLAN

SYM	DESCRIPTION	DATE
	FINAL CORRECTED SET	03/26/14
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COMMONWEALTH OF VIRGINIA
THOMAS A. STANTON
No. 022109
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3/26/14

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DES	RCB	DRW	DML	CHK	TAS
PM/DM	CHEMENJU/HILL				
BRANCH MANAGER	N/A				
CHIEF ENG/ARCH	TOM COX				

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
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Walter Reed National Military Medical Center - Bethesda, Maryland

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BETHESDA, MD

P125 - TEMPORARY MEDICAL FACILITIES
PACKAGE 2 - CLINIC BUILDING

FIRE PROTECTION - FIRE SUPPRESSION PLAN - FIRST FLOOR
AREA D

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

EPROJECT NO.: 1151333

CONSTR. CONTR. NO. N62470-09-D-9044

NAVFAC DRAWING NO. 13065970

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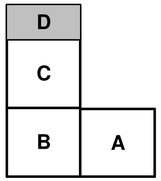
FX-101-D



KEY PLAN

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1A LEVEL 2 P125 - AREA A - FIRE SUPPRESSION

1/8" = 1'-0"

0 4'-0" 8'-0" 16'-0"

GENERAL NOTES: FLOOR PLAN

A. ALL SPRINKLERS SOUTH AND EAST OF THE 2-HOUR FIRE WALL ARE ON A SEPARATE SPRINKLER SYSTEM FROM THE SPRINKLERS NORTH AND WEST OF THE 2-HOUR FIRE WALL.

B. ALL AREAS TO BE HC-1 UNLESS OTHERWISE NOTED.

KEYED NOTES: FLOOR PLAN

1 UP FROM FIRST FLOOR ZONE CONTROL ASSEMBLY FOR SECOND FLOOR SOUTH BUILDING.

SYM	DESCRIPTION	DATE
	FINAL CORRECTED SET	03/26/14
	100% FINAL DESIGN SUBMISSION	02/14/14
	65% VE SUBMISSION	11/25/13
	65% SUBMITTAL	04/26/13
	35% SUBMITTAL	03/08/13

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1101 KING STREET
SUITE 400
ALEXANDRIA, VIRGINIA 22314
703-518-8500

APPROVED

FOR COMMANDER NAVFAC

ACTIVITY

SATISFACTORY TO DATE

DES RCB DRW DML CHK TAS

PM/DM CHEMENJU/HILL

BRANCH MANAGER N/A

CHIEF ENG/ARCH TOM COX

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
ATLANTIC

NAVAL FACILITIES ENGINEERING COMMAND – NAVFAC WASHINGTON
Walter Reed National Military Medical Center - Bethesda, Maryland

NSA/Bethesda

BETHESDA, MD

P125 - TEMPORARY MEDICAL FACILITIES
PACKAGE 2 - CLINIC BUILDING

FIRE PROTECTION - FIRE SUPPRESSION PLAN - SECOND FLOOR AREA A

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

EPROJECT NO.: 1151333

CONSTR. CONTR. NO. N62470-09-D-9044

NAVFAC DRAWING NO. 13065971

SHEET OF 0

FX-102-A

D
C
B A

KEY PLAN

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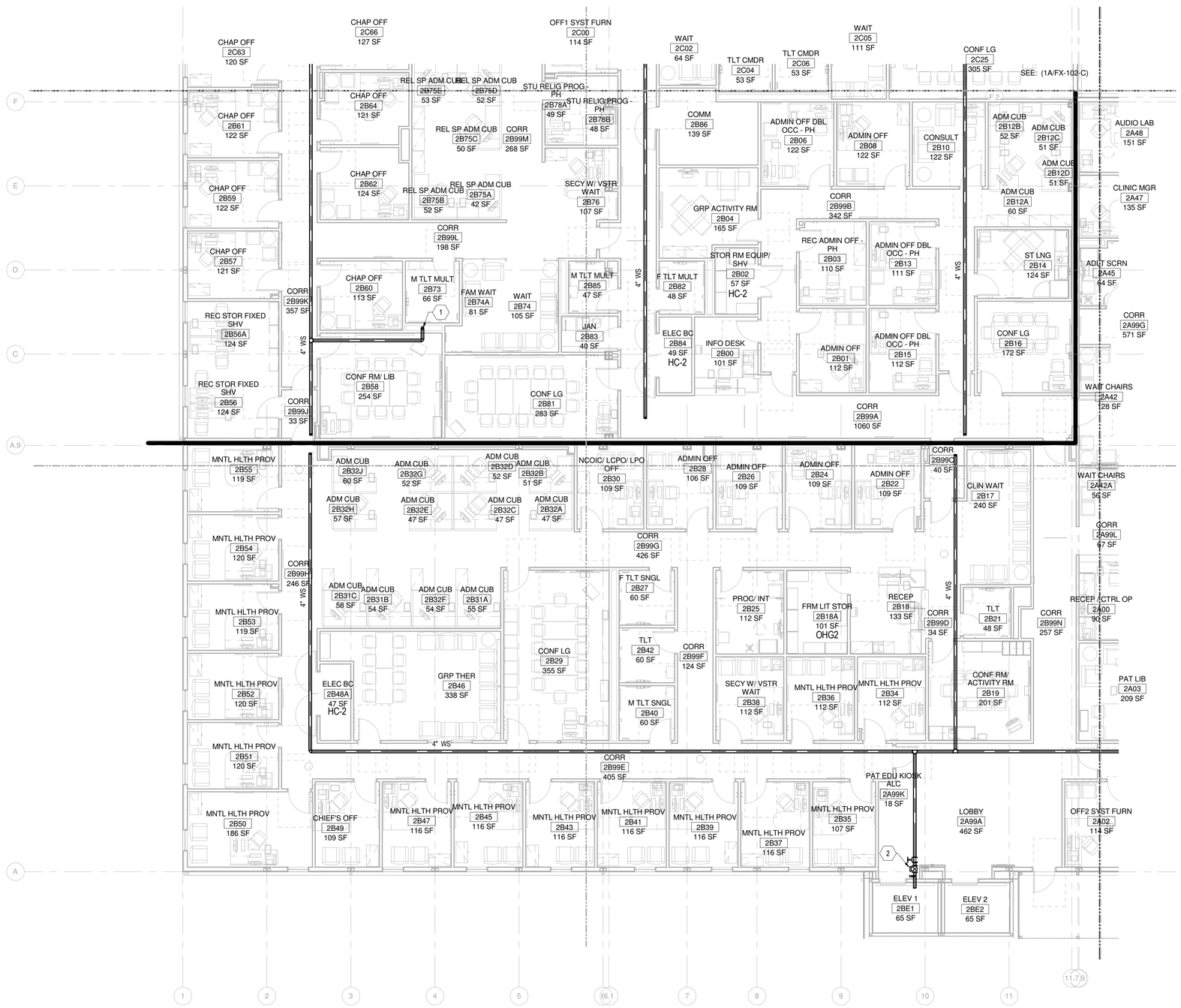

1A LEVEL 2 P125 - AREA B - FIRE SUPPRESSION

1/8" = 1'-0"

0 4'-0" 8'-0" 16'-0"

GENERAL NOTES: FLOOR PLAN

A. ALL SPRINKLERS SOUTH AND EAST OF THE 2-HOUR FIRE WALL ARE ON A SEPARATE SPRINKLER SYSTEM FROM THE SPRINKLERS NORTH AND WEST OF THE 2-HOUR FIRE WALL.

B. ALL AREAS TO BE HC-1 UNLESS OTHERWISE NOTED.

KEYED NOTES: FLOOR PLAN

1 UP FROM FIRST FLOOR ZONE CONTROL ASSEMBLY FOR SECOND FLOOR NORTH BUILDING.

2 PROVIDE SPRINKLERS WITH GUARDS AT THE TOP OF THE HOISTWAY FED BY A SINGLE BRANCHLINE. PROVIDE A SUPERVISED SHUT-OFF VALVE, CHECK VALVE, 0 SECOND DELAY FLOW SWITCH, AND TEST VALVE IN THE SPRINKLER LINE SUPPLYING THE HOISTWAY. THESE ITEMS MUST BE LOCATED OUTSIDE OF AND ADJACENT TO THE HOISTWAY. PIPE TEST VALVE DISCHARGE TO ELEVATOR SUMP.

SYM	DESCRIPTION	DATE
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	65% SUBMITTAL	04/26/13
	35% SUBMITTAL	03/08/13

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ACTIVITY

SATISFACTORY TO DATE

DES RCB DRW DML CHK TAS

PMDM CHEMENJU/HILL

BRANCH MANAGER N/A

CHIEF ENG/ARCH TOM COX

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Walter Reed National Military Medical Center - Bethesda, Maryland

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P125 - TEMPORARY MEDICAL FACILITIES
PACKAGE 2 - CLINIC BUILDING

FIRE PROTECTION - FIRE SUPPRESSION PLAN - SECOND FLOOR AREA B

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

EPROJECT NO.: 1151333

CONSTR. CONTR. NO. N62470-09-D-9044

NAVFAC DRAWING NO. 13065972

SHEET OF 0

FX-102-B

D
C
B A

KEY PLAN

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1A LEVEL 2 P125 - AREA C - FIRE SUPPRESSION

1/8" = 1'-0"

0 4'-0" 8'-0" 16'-0"

GENERAL NOTES: FLOOR PLAN

A. ALL SPRINKLERS SOUTH AND EAST OF THE 2-HOUR FIRE WALL ARE ON A SEPARATE SPRINKLER SYSTEM FROM THE SPRINKLERS NORTH AND WEST OF THE 2-HOUR FIRE WALL.

B. ALL AREAS TO BE HC-1 UNLESS OTHERWISE NOTED.

KEYED NOTES: FLOOR PLAN

SYM	DESCRIPTION	DATE
	FINAL CORRECTED SET	03/26/14
	100% FINAL DESIGN SUBMISSION	02/14/14
	65% VE SUBMISSION	11/25/13
	65% SUBMITTAL	04/26/13
	35% SUBMITTAL	03/08/13

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ACTIVITY

SATISFACTORY TO DATE

DES RCB DRW DML CHK TAS

PMOM CHEMENJU/HILL

BRANCH MANAGER N/A

CHIEF ENG/ARCH TOM COX

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P125 - TEMPORARY MEDICAL FACILITIES
PACKAGE 2 - CLINIC BUILDING

FIRE PROTECTION - FIRE SUPPRESSION PLAN - SECOND FLOOR AREA C

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

EFPROJECT NO.: 1151333

CONSTR. CONTR. NO. N62470-09-D-9044

NAVFAC DRAWING NO. 13065973

SHEET OF 0

FX-102-C

D
C
B A

KEY PLAN

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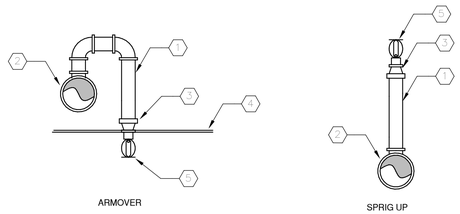
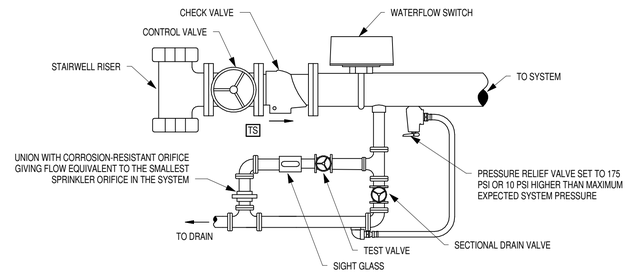


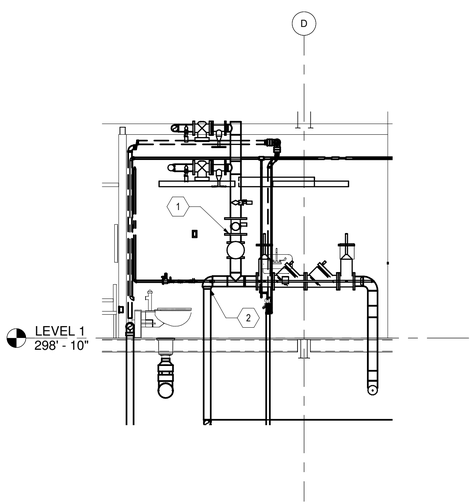
KEYED NOTES:

1. 1" PIPE.
2. BRANCH LINE.
3. REDUCING COUPLING.
4. CEILING.
5. SPRINKLER HEAD.

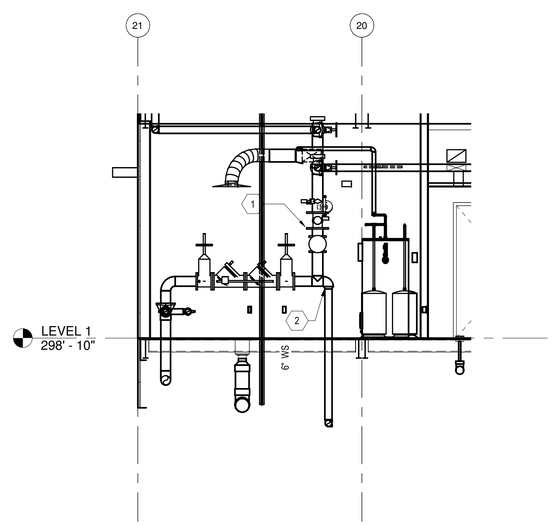
1C SPRINKLER ARM-OVER DETAILS
NTS



3C TYPICAL ZONE CONTROL ASSEMBLY DETAIL
NTS



1A FIRE SUPPRESSION RISER DETAIL NORTH ZONE
NTS



3A FIRE SUPPRESSION RISER DETAIL SOUTH ZONE
NTS

GENERAL NOTES: FLOOR PLAN

A. CONNECT EACH ZCA TO 2-INCH EXPRESS DRAIN RISER.

KEYED NOTES: FLOOR PLAN

1 PROVIDE 2-INCH MAIN DRAIN, DISCHARGE TO LOCATION SHOWN ON FX-101 VIA CRAWL SPACE.

2 CONNECT 4-INCH PIPE TO FIRE DEPARMTMENT SIAMESE CONNECTION.

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	35% SUBMITTAL	03/08/13

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DES	RCB	DRW DML	CHK TAS
PMDM	CHEMENJU/HILL		
BRANCH MANAGER	N/A		
CHIEF ENG/ARCH	TOM COX		

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Walter Reed National Military Medical Center - Bethesda, Maryland
NSA/Bethesda
BETHESDA, MD
P125 - TEMPORARY MEDICAL FACILITIES
PACKAGE 2 - CLINIC BUILDING
FIRE PROTECTION - FIRE SUPPRESSION - DETAILS

SCALE: As indicated
EPROJECT NO.: 1151333
CONSTR. CONTR. NO. N62470-09-D-9044
NAVFAC DRAWING NO. 13065974
SHEET OF 0

FX-501

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