

FIRE PROTECTION SYMBOLS AND ABBREVIATIONS

SYMBOLS INDICATED HERE AND NOT USED IN THE CONTRACT DOCUMENTS DO NOT APPLY TO THIS PROJECT. ADDITIONAL SYMBOLS MAY BE INDICATED IN THE CONTRACT DOCUMENTS.

GENERAL SYMBOLS

—XF—	EXISTING FIRE SUPPLY	●	SPRINKLER HEAD REFER TO DRAWING SPRINKLER HEAD LEGEND FOR TYPE
—F—	FIRE SUPPLY	▨	DEMOLITION OF PIPING, DEVICE, ETC.
—XSPR—	EXISTING SPRINKLER PIPE	○	PIPE SIZE
—SPR—	SPRINKLER PIPE	○	PIPE LENGTH
—DSPR—	DRY SPRINKLER PIPE		
—GALV—	GALVANIZED SPRINKLER PIPE		
—W—	WATER SERVICE		
↳	ELBOW DOWN		
↳	ELBOW UP		
⊕	TEE DOWN		
⊕	TEE UP		
↳	PIPE CAP OR FLUSHING CONNECTION		
◇	DRY PIPE VALVE ASSEMBLY		
◇	PREACTION VALVE ASSEMBLY		
◇	DELUGE VALVE ASSEMBLY		
◇	SPRINKLER ZONE CONTROL VALVE ASSEMBLY		

REFERENCE SYMBOLS

●	NEW CONNECTION TO EXISTING	◇	KEYNOTE REFERENCE
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ABBREVIATIONS

AC	- AIR COMPRESSOR	MAX	- MAXIMUM
ACC	- ACCESS	MEZZ	- MEZZANINE
ACV	- ALARM CHECK VALVE	MFR	- MANUFACTURER
ADJ	- ADJUSTABLE	MIN	- MINIMUM / MINUTE
AFF	- ABOVE FINISHED FLOOR	MISC	- MISCELLANEOUS
ALT	- ALTERNATE	MTD	- MOUNTED
AP	- ACCESS PANEL	MTG	- MOUNTING
APPROX	- APPROXIMATE	NFPA	- NATIONAL FIRE PROTECTION ASSOCIATION
ARCH	- ARCHITECTURAL	NO	- NUMBER
ASSY	- ASSEMBLY	NO	- NOMINAL
ATS	- AUTOMATIC TRANSFER SWITCH	NPT	- NATIONAL PIPE THREAD
BLDG	- BUILDING	NTS	- NOT TO SCALE
BOP	- BOTTOM OF PIPE	OC	- ON CENTER
BOT	- BOTTOM	OD	- OUTSIDE DIAMETER
BTWN	- BETWEEN	OFCI	- OWNER FURNISHED CONTRACTOR INSTALLED
CFCI	- CONTRACTOR FURNISHED CONTRACTOR INSTALLED	OFI	- OWNER FURNISHED OWNER INSTALLED
CL	- CENTERLINE	PIV	- POST INDICATOR VALVE
CLG	- CEILING	PLBG	- PLUMBING
CONN	- CONNECTION / CONNECT	PRESS	- PRESSURE
CONTR	- CONTRACTOR	PRV	- PRESSURE REDUCING VALVE
CORR	- CORRIDOR	PSF	- POUNDS PER SQUARE FOOT
CU	- COPPER	PSI	- POUNDS PER SQUARE INCH
D	- DEPTH/DRAIN LINE	PSIG	- POUNDS PER SQUARE INCH GAUGE
DCBP	- DOUBLE CHECK BACKFLOW PREVENTER	RAD	- RADIUS
DDBP	- DOUBLE DETECTOR BACKFLOW PREVENTER	REC	- RECEIVED
DET	- DETAIL	REQD	- REQUIRED
DI	- DIAMETER	RI	- ROUGH IN
DM	- DIMENSION	RP	- REVOLUTIONS PER MINUTE
DN	- DOWN	RPSP	- REDUCED PRESSURE ZONE BACKFLOW PREVENTER
DSRPR	- DRY SPRINKLER PIPE	RV	- RELIEF VALVE
DWG	- DRAWING	SCH	- SCHEDULE
EA	- EACH	SHT	- SHEET
ELEV	- ELEVATION	SPEC	- SPECIFICATION
EQUIP	- EQUIPMENT	SPR	- SPRINKLER
EXT	- EXISTING TO REMAIN	SQ	- SQUARE
F	- FIRE SUPPLY	S/S	- STAINLESS STEEL
FACP	- FIRE ALARM CONTROL PANEL	STRU	- STRUCTURAL / STRUCTURE
FCC	- FIRE DEPARTMENT CONNECTION	TEMP	- TEMPERATURE
FDV	- FIRE DEPARTMENT VALVE	TC	- TEST CELL
FHC	- FIRE HOSE CABINET	TOB	- TOP OF BEAM
FHR	- FIRE HOSE REACK	TOD	- TOP OF DECK
FLR	- FLOOR	TOL	- TOP OF JOIST
FMG	- FACTORY MUTUAL GLOBAL FIRE PUMP CONTROLLER	TOS	- TOP OF SLAB / TOP OF STEEL
FP	- FLOW SWITCH	TYP	- TYPICAL
FT	- FEET	UBC	- UNIFORM BUILDING CODE
FTG	- FOOTING	UPC	- UNIFORM FIRE CODE
FVC	- FIRE VALVE CABINET	UNO	- UNLESS NOTED OTHERWISE
GA	- GAUGE	V	- VALVE
GAL	- GALLON	VEL	- VELOCITY
GALV	- GALVANIZED	VESDA	- VERY EARLY SMOKE DETECTION APPARATUS
GPM	- GALLONS PER MINUTE	VOL	- VOLUME
IBC	- INTERNATIONAL BUILDING CODE	W	- WIDTH
ID	- INSIDE DIAMETER	W/	- WITH
IE	- INVERT ELEVATION	W/O	- WITHOUT
IFC	- INTERNATIONAL FIRE CODE	X	- EXISTING
IN	- INCHES		
L	- LENGTH		
LBS	- POUNDS		

SHEET KEYNOTES

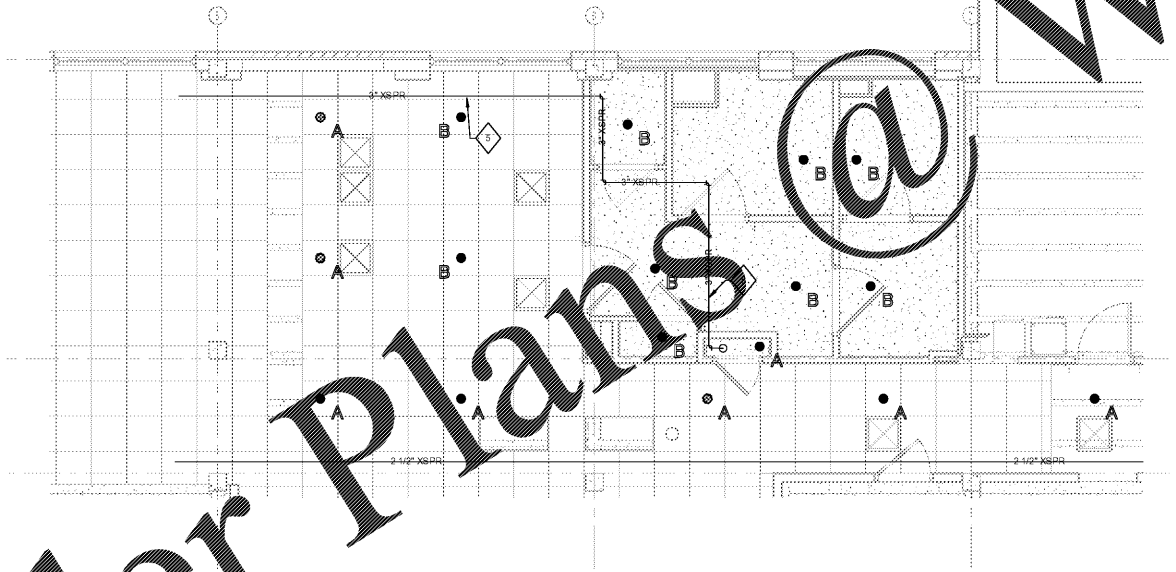
- TEMPORARY PARTITION TO BE INSTALLED BY GENERAL CONTRACTOR. FIRE PROTECTION CONTRACTOR TO PROVIDE TEMPORARY SPRINKLER PROTECTION PER NFPA 13. AS NOTED IN SPRINKLER HEAD LEGEND TEMPORARY SPRINKLERS SHALL BE REMOVED WHEN THE TEMPORARY PARTITION IS REMOVED. FIRE PROTECTION CONTRACTOR TO COORDINATE TIMING OF SPRINKLER REMOVAL WITH GENERAL CONTRACTOR.
- PROVIDE NEW SPRINKLER HEADS AS NEEDED TO THE REMODELED SPACE. SPRINKLERS SHALL BE QUICK-RESPONSE, CONCEALED TYPE WITH WHITE COVER PLATES AND DUST SEALS ATTACHED. COORDINATE WITH ALL NEW CEILING FIXTURES TO ENSURE PROPER AND UNOBSTRUCTED COVERAGE IN CEILING BEFORE INSTALLATION.
- POSITION SPRINKLERS TO PROTECT THIS SPACE AS AN ORDINARY HAZARD GROUP 1 OCCUPANCY.
- POSITION SPRINKLERS TO PROTECT THIS SPACE AS A LIGHT HAZARD OCCUPANCY.
- FIRE PROTECTION CONTRACTOR TO COORDINATE WITH GENERAL CONTRACTOR AND OTHER TRADES TO DETERMINE IF EXISTING SPRINKLER MAIN NEEDS TO BE RELOCATED TO ALLOW INSTALLATION OF OTHER MEP EQUIPMENT. FIRE PROTECTION CONTRACTOR TO RELOCATE EXISTING MAIN AS NEEDED.

GENERAL NOTES

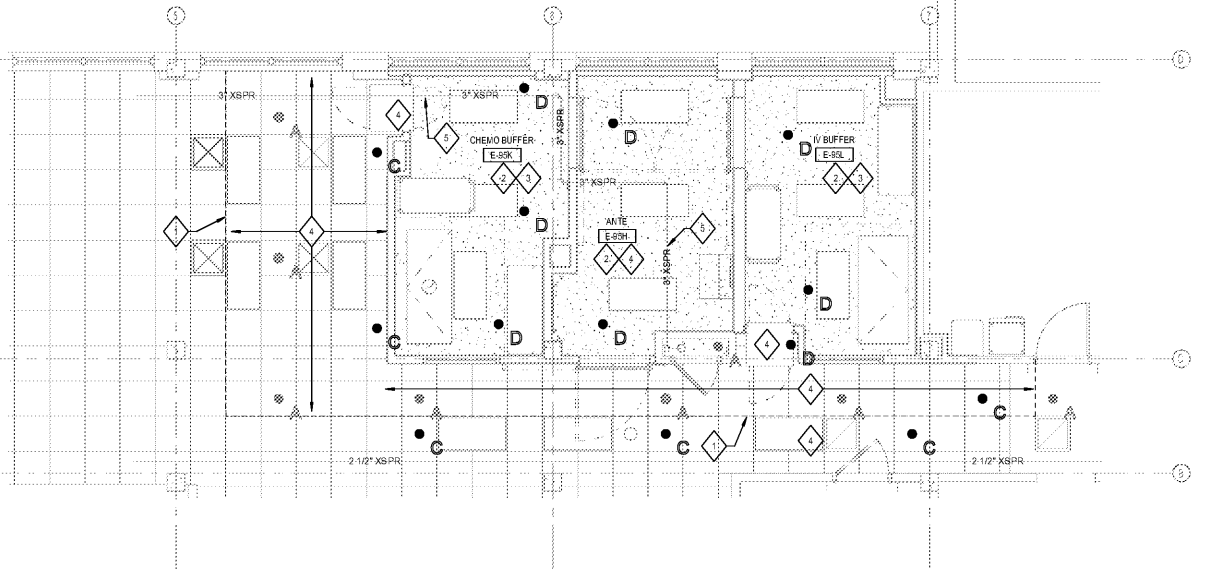
- COORDINATE ALL DEMOLITION WORK WITH OWNER TO MINIMIZE DOWN TIME AND DISRUPTIONS.
- REFER TO DIVISION 21 FIRE PROTECTION SPECIFICATIONS FOR FIRE PROTECTION PRODUCTS, REQUIREMENTS, AND EXECUTION FOR ALL MATERIALS AND WORKMANSHIP PROVIDED. REVIEW ALL CONTRACT DOCUMENTS PRIOR TO BID AND PRIOR TO INSTALLATION.
- INSTALLATION OF SPRINKLER SYSTEM SHALL BE IN ACCORDANCE WITH NFPA 13, STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS - 2016 EDITION.
- CONTRACTOR SHALL BE HELD RESPONSIBLE TO HAVE EXAMINED "REFLECTED CEILING" DRAWINGS AS WELL AS MECHANICAL, ELECTRICAL, PIPING, INFORMATION, TECHNOLOGY, STRUCTURAL AND ARCHITECTURAL BUILDING PLANS AND TO SYSTEMS.
- CONTRACTOR SHALL COORDINATE ROUTING OF PIPING WITH OTHER TRADES AS WELL AS PROJECT ARCHITECT. CONTRACTOR SHALL PARTICIPATE IN COORDINATION PROCESS AND SHALL NOT INSTALL PIPING PRIOR TO COORDINATION WITH OTHER TRADES.
- SPRINKLER SYSTEM SHALL BE QUICK-RESPONSE AND APPROVED PER VA DESIGN MANUAL 6.1.K.
- SPRINKLER CONTRACTOR SHALL COORDINATE WITH STAFF TO ENSURE SPRINKLER PROTECTION IS PROVIDED DURING THE REMODEL. FOR EXAMPLE, EXISTING SPRINKLER SYSTEM SHALL REMAIN IN PLACE AFTER SUSPENDED CEILINGS ARE REMOVED AND SHALL BE MODIFIED TO PROVIDE SPRINKLER PROTECTION OF THE TEMPORARY REMODEL CONDITIONS PER NFPA 13. EXISTING SPRINKLER SYSTEM SHALL ALSO BE MODIFIED TO ACCOMMODATE OTHER MEIP INSTALLATIONS. CONCURRENTLY, INSTALLATION OF THE NEW SPRINKLER SYSTEM SHALL BE COORDINATED WITH THE INSTALLATION OF NEW MEIP SYSTEMS. UPON MODIFICATIONS, SPRINKLER CONTRACTOR SHALL COORDINATE WITH THE CONTRACTOR OFFICER REPRESENTATIVE (COR) BEFORE SHUT DOWN OF THE EXISTING SPRINKLER SYSTEM OCCURS. SPRINKLER CONTRACTOR SHALL COORDINATE WITH THE STAFF TO RELOCATE THE EXISTING SPRINKLER SYSTEM AFTER WORK IS COMPLETE. OUTAGES SHALL BE LIMITED TO 4 HOURS.
- ALL EXISTING PIPING AND EQUIPMENT LOCATIONS SHOWN ARE BASED ON AVAILABLE INFORMATION AND FIELD OBSERVATIONS. CONTRACTORS SHALL VERIFY LOCATIONS AND FIELD LOCATIONS PRIOR TO BID, DEMOLITION, AND INSTALLATION.
- FIRE PROTECTION CONTRACTOR SHALL AVOID CREATING DEAD LEGGED AND TRAPPED SPRINKLER PIPING. ALL FIRE PROTECTION PIPE RELATED TO DEMOLISHED SPRINKLER DROPS OR ABANDONED BRANCHLINES SHALL BE ENTIRELY REMOVED TO THE POINT OF CONNECTION AT SPRINKLER BRANCHLINE OR MAIN. OUTLETS FOR DEMOLISHED SPRINKLER DROPS OR ABANDONED BRANCHLINES SHALL BE PLUGGED OR CAPPED.
- THIS BUILDING HAS A IBC/FEMA SEISMIC CATEGORY OF "A" AND A U.S. DEPT. OF VETERANS AFFAIRS SEISMIC CATEGORY OF "L". SEISMIC RESTRAINT OF SPRINKLER PIPING IS NOT REQUIRED ON THIS PROJECT PER U.S. DEPT. OF VETERANS AFFAIRS GUIDELINES H 18-8, DATED 10/1/2016.

SPRINKLER HEAD LEGEND (FOR BASIS OF DESIGN ONLY)

SYMBOL	STYLE	THERMAL SENSITIVITY	FINISH	TEMP. RATING	NOTES
●	SEMI-RECESSED	QUICK RESPONSE	CHROME	ORDINARY	EXISTING TO REMAIN
●	SEMI-RECESSED	QUICK RESPONSE	CHROME	ORDINARY	EXISTING TO BE REMOVED
●	SEMI-RECESSED	QUICK RESPONSE	CHROME	ORDINARY	TEMPORARY - REMOVE AFTER CONSTRUCTION
●	CONCEALED	QUICK RESPONSE	PAINTED WHITE	ORDINARY	NEW INSTALLATION TO REMAIN INCLUDE DUST SEAL



1 FIRE PROTECTION DEMOLITION PLAN - FIRST FLOOR
1/4" = 1'-0"



2 FIRE PROTECTION PLAN - FIRST FLOOR
1/4" = 1'-0"

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Revisions:	Date:

CONSULTANT

Consultant:

AEI Affiliated Engineers

5802 Research Park Boulevard
Madison, WI 53719
608.238.2616
aeieng.com

ARCHITECT/ENGINEER OF RECORD

A/E:

LA LACHIN Architects, apc
Architecture, Planning, Project Management
5190 Canal Boulevard, Suite 201
New Orleans, LA 70124
(504)835-8013

STAMP

Professional Engineer Seal for LACHIN Architects, apc, State of Louisiana, No. 26226, Expiration Date 08/31/2018.

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title

FIRE PROTECTION DEMO AND FLOOR PLAN - FIRST FLOOR

Approved:

Phase

CONSTRUCTION DOCUMENTS

Project Title

RENOVATE PHARMACY CLEAN ROOM (USP 797)

Location

510 E. Stoner Ave. Shreveport, LA 71101

Issue Date

10/05/2017

Checked

TJH

Drawn

CMD

Project Number

667-17-108

Building Number

1

Drawing Number

F101