



- KEY NOTES**
- 1 (E) 6" FIRE LINE
  - 2 (E) 4" FIRE LINE
  - 3 (E) 4" STANDPIPE
  - 4 SUPPLY TO FIRE DEPARTMENT CONNECTION AT FIRST FLOOR
  - 5 (E) SUMP PUMP
  - 6 (N) FIRE SPRINKLER FLOOR CONTROL ASSEMBLY (XFFP31)
  - 7 2" DRAIN - DRAIN TO RUN TO SUMP
  - 8 HORIZONTAL SIDEWALL SPRINKLER AT BOTTOM OF ELEVATOR SHAFT
  - 9 WORK IN THIS AREA TO BE INCLUDED IN PHASE I WORK
  - 10 CONTRACTOR TO VERIFY EXISTING EARTHQUAKE BRACING FROM FIRE PUMP TO NEW WORK. ALL EG BRACING TO MEET NFPA 13, 2010 STANDARDS.

- GENERAL NOTES**
- ITEMS SHOWN ON THIS PLAN DESCRIBE GENERAL LAYOUT REQUIREMENTS, AND ARE NOT INTENDED TO SHOW A COMPLETE LAYOUT OF REQUIRED FIRE PROTECTION SYSTEM PIPING AND COMPONENTS. REFER TO ARCHITECTURAL MECHANICAL AND PLUMBING SHEETS, FIRE PROTECTION SPECIFICATIONS, AS WELL AS OTHER PORTIONS OF THE CONTRACT DOCUMENTS FOR ADDITIONAL COORDINATION REQUIREMENTS.
  - THE LAYOUT REQUIREMENTS DESCRIBED IN THESE PLANS SHALL BE ADHERED TO AS CLOSELY AS POSSIBLE BUT SHALL NOT SUPERSEDE CODE CONSTRAINTS AND/OR REQUIREMENTS OF AUTHORITIES HAVING JURISDICTION (AHJ'S). WHERE CODE OR AHJ REQUIREMENTS SUPERSEDE ITEMS SHOWN ON THIS PLAN, CONTRACTOR SHALL INCLUDE ALL ASSOCIATED PROVISIONS IN THE BID, AND SHALL MAKE THEM AT NO ADDITIONAL COST TO OWNER. PROPOSED DEVIATIONS FROM THIS PLAN SHALL BE SUBJECT TO THE ENGINEER OF RECORD REVIEW AND APPROVAL PRIOR TO IMPLEMENTATION.
  - ALL AREAS OF THE BUILDING NOT COVERED BY NOTES HEREIN SHALL BE FULLY SPRINKLERED IN ACCORDANCE WITH SPECIFICATIONS, NFPA 13, 2010 ED., CITY OF FRESNO FIRE DEPARTMENT REQUIREMENTS, DEPARTMENT OF VETERANS AFFAIRS FIRE PROTECTION DESIGN STANDARDS AND CODE REQUIREMENTS.
  - WHERE PLAN INDICATES EXPOSED FIRE SPRINKLER PIPING DIRECTION OF LAYOUT, ASSOCIATED CONNECTED FIRE SPRINKLER PIPING RUNNING IN PERPENDICULAR DIRECTION SHALL BE INSTALLED ONLY IN CONCEALED LOCATIONS UNLESS INDICATED OTHERWISE.
  - INSTALLING CONTRACTOR TO FIELD VERIFY ALL EXISTING CONDITIONS AND IS RESPONSIBLE FOR PREPARING A DESIGN TO ACCOMMODATE ALL EXISTING CONDITIONS.
  - EXPOSED FIRE SPRINKLER SYSTEM PIPING SHALL BE RUN STRAIGHT AND TIGHT TO UNDERSIDE OF STRUCTURAL MEMBERS, AND SHALL NOT OFFSET VERTICALLY TO DROP BELOW BEAMS.

SYMBOLS AND DESCRIPTIONS									
SYM	TYPE	FINISH	TEMP	K FACTOR	THRD	SN *	MFG	MODEL	ESQUICHEON
○	SSU	BRA85	200	5.6	1/2"	VK300	VIKING	MICROFAST	N/A
<	H5U	BRA85	155	5.6	1/2"	VK300	VIKING	MICROFAST	N/A

<b>CONSULTANTS:</b>		<b>ARCHITECT/ENGINEERS:</b>		<b>Drawing Title</b>		<b>Project Title</b>		<b>Project Number</b>		<b>Office of Construction and Facilities Management</b> 			
 <b>LP Consulting Engineers, Inc.</b> 895 W. Ashlan Ave, Suite 101, Clovis, CA 93612 p. 559-349-2130 • f. 559-349-2131 www.lpengineers.com Job #: 10-1096		 <b>HMC Architects</b> 1827 E. Fir Avenue, Studio 103 / Fresno, CA 93720 T. 559.322.2444 / www.hmcarchitects.com		<b>BASEMENT FIRE SPRINKLER PIPING PLAN</b>		<b>BUILDING 24 SEISMIC CORRECTION AND ADDITION</b>		<b>570-215</b>					
				<b>Approved Project Director</b>		<b>Location</b> VAMC FRESNO, CA		<b>Building Number</b> 24					
<b>Revisions</b>		<b>Date</b>				<b>Date</b> March 12, 2013		<b>Checked</b> SA		<b>Drawn</b> ES			
								<b>Drawing Number</b> FP100		<b>Dwg. 120 of 180</b>			