




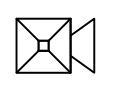
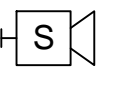

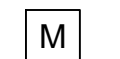
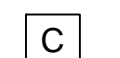






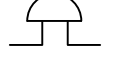



LIST OF NATIONAL STANDARD CODES USED:	
2013 NATIONAL FIRE PROTECTION ASSOCIATION (NFPA)	
2013 NFPA 70 NATIONAL ELECTRIC CODE	
2013 NFPA 70E STANDARD FOR ELECTRICAL SAFETY IN THE WORK PLACE	
2013 NFPA 72 NATIONAL FIRE ALARM AND SIGNALING CODE	

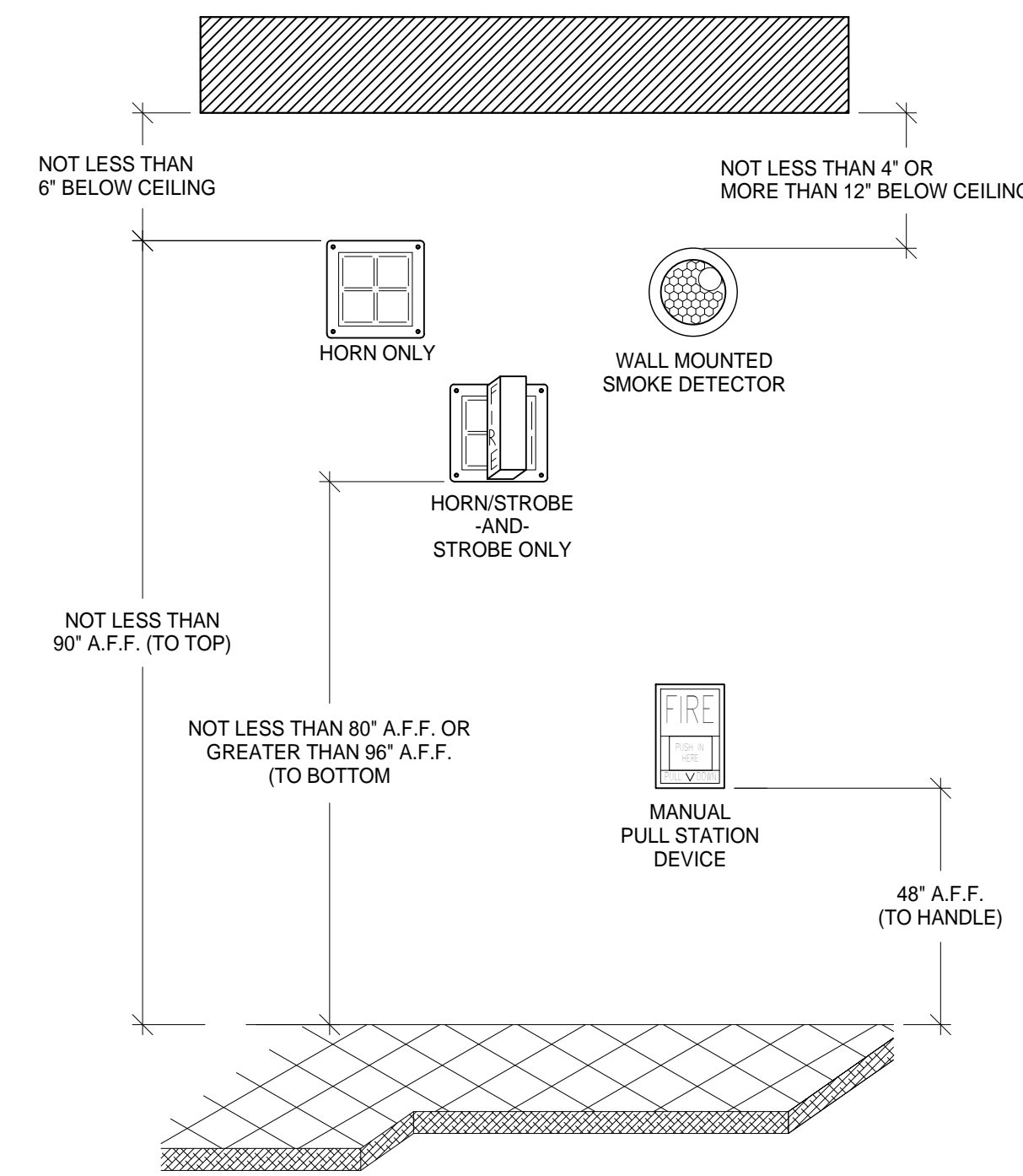
ABBREVIATIONS:	
ABBREV.	DESCRIPTION
120V	120VAC POWER
AFF	ABOVE FINISHED FLOOR
C.COM	COMMON
(E)	EXISTING
EOL	END OF LINE
(N)	NEW
N/A	NO APPLICABLE
NAC	NOTIFICATION APPLIANCE CIRCUIT
SLC	SIGNALING LINE CIRCUIT
TYP	TYPICAL
O.S.&Y	OUTSIDE SCREW & YOKE
UON	UNLESS OTHERWISE NOTED
Z	ZONE

SYMBOLS	
	FIRE ALARM CONTROL PANEL
	REMOTE POWER SUPPLY
	MANUAL PULL STATION
	ADDRESABLE SMOKE DETECTOR
	HEAT DETECTOR
	HORN/STROBE CEILING MOUNTED COMBINATION
	HORN/STROBE WALL MOUNTED COMBINATION
	FIRE ALARM TERMINAL CABINET
	ADDRESABLE MONITOR MODULE
	ADDRESABLE CONTROL MODULE
	ADDRESABLE RELAY MODULE
	FLOW SWITCH
	WATER PRESSURE WATER FLOW SWITCH
	VALVE SUPERVISORY SWITCH (TAMPER SWITCH)
	WATER FLOW SWITCH
	SUPERVISORY TAMPER SWITCH
	BELL
	END OF LINE

FIRE ALARM OPERATION MATRIX																	
	ACTIVATE ALARM AT FACU	ACTIVATE ALARM AT REMOTE ANNUNCIATOR	ACTIVATE TROUBLE SIGNAL AT FACU	ACTIVATE TROUBLE AT REMOTE ANNUNCIATOR	ACTIVATE SUPERVISORY SIGNAL AT FACU	ACTIVATE SUPERVISORY SIGNAL AT ANNUNCIATOR	SEND ALARM OFF-SITE VIA COMMUNICATOR	SEND TROUBLE SIGNAL OFF-SITE VIA COMMUNICATOR	SEND SUPERVISORY SIGNAL OFF-SITE VIA COMMUNICATOR	SEND RESTORE SIGNAL OFF-SITE VIA COMMUNICATOR	ACTIVATE AUDIBLE/VISIBLE SIGNALS	ACTIVATE WATERFLOW BELL	SHUT DOWN HVAC PANEL	ACTIVATE BATTERY BACK-UP	DEACTIVATE AUDIBLE SIGNALS	DEACTIVATE VISIBLE SIGNALS	RESET ALL TRIPPED MODULES
																	SYSTEM NORMAL
MANUAL PULL STATION	X	X									X		X				
SMOKE DETECTORS	X	X															
HEAT DETECTORS																	
FIRE SPRINKLER WATERFLOW SWITCH	X	X					X				X	X					
FIRE SPRINKLER SUPERVISORY SWITCH					X	X			X								
WIRING CONDITIONS																	
SIGNALING LINE CIRCUIT (SLC)																	
WIRE-TO-WIRE SHORT			X	X				X									
SINGLE OPEN			X	X				X									
SINGLE GROUND			X	X				X									
INITIATING DEVICE CIRCUIT (IDC)																	
WIRE-TO-WIRE SHORT	X	X					X				X						
SINGLE OPEN			X	X				X									
SINGLE GROUND			X	X				X									
NOTIFICATION APPLIANCE CIRCUIT (IDC)																	
WIRE-TO-WIRE SHORT			X	X				X									
SINGLE OPEN			X	X				X									
SINGLE GROUND			X	X				X									
LOSS OF 120VAC POWER			X	X			X							X			
SIGNAL SILENCE									X						X		
RESET FACU									X						X	X	X

NOTE:

SYMBOLS AND ABBREVIATIONS LISTED ARE FOR GENERAL USE. DISREGARD THOSE WHICH ARE NOT USED ON THE DRAWINGS.



NOTE: ALL DEVICES MAY NOT BE USED ON THIS PROJECT


TYP. ELEVATIONS FOR FIRE ALARM DEVICES DETAIL

GENERAL NOTES:

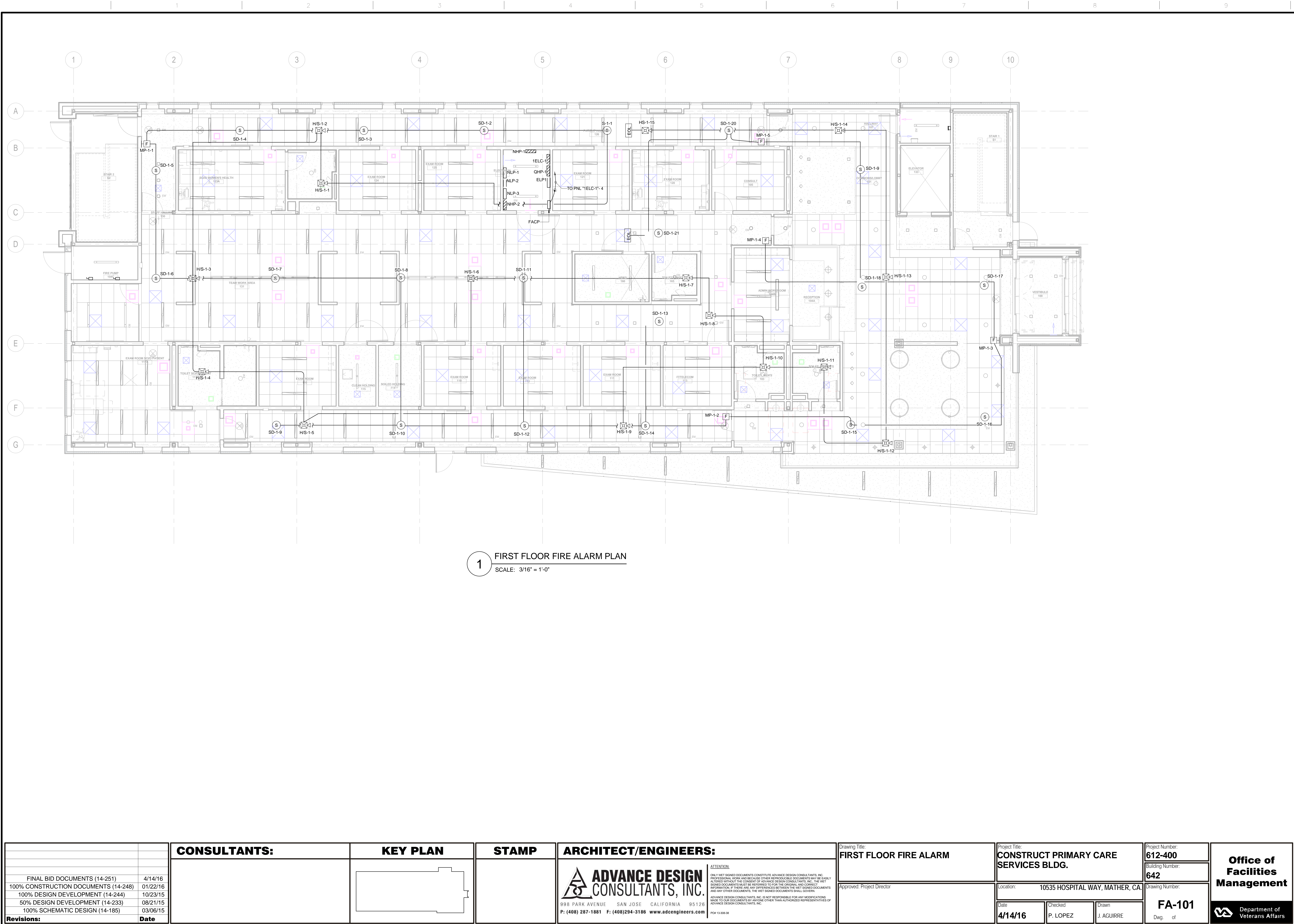
- ENTIRE INSTALLATION SHALL CONFORM TO APPLICABLE NATIONAL CODES INCLUDING NFPA, NEC, AND VA FACILITY QUALITY SERVICE MANUAL PER OFFICE OF CONSTRUCTION AND FACILITY MANAGEMENT.
- ALL THE DEVICES, WIRING AND INSTALLATION PRACTICE SHALL COMPLY WITH FIRE DETECTION AND ALARM SPECIFICATIONS SECTION 28.3100
- EXISTING AND NEW FIRE ALARM AND DETECTION SYSTEM SHALL BE COMMISSIONED TO ENSURE THAT SYSTEM IS IN FULL COMPLIANCE AFTER PROJECT COMPLETION.

RISER DIAGARAM NOTES:

- THIS RISER DIAGRAM INDICATES THE GENERAL ARRANGEMENT OF THE FIRE ALARM SYSTEM COMPONENTS THAT ARE PROVIDED UNDER THIS CONTRACT. SEE FLOOR PLAN FA-1.0 FOR LOCATION OF DEVICES. REMOTE POWER SUPPLY CIRCUIT LOADING SHALL BE DETERMINED BY CONTRACTOR. CONTRACTOR TO PRODUCE SHOP DRAWINGS DEPICTING WIRING OF ALL DEVICES INCLUDING RISER DIAGRAM, STAND BY BATTERY AND VOLTAGE DROP.
- NOTE THAT CONDUCTOR TYPES, QUANTITIES AND SIZES ARE NOT SHOWN. CONNECT FIRE ALARM SYSTEM DEVICES WITH TYPES, QUANTITIES AND SIZES OF CONDUCTORS AS DIRECTED BY THE SYSTEM SUPPLIER. VERIFY WIRING REQUIREMENTS WITH SYSTEM SUPPLIER PRIOR TO BID.
- INSTALL ALL SYSTEM CONDUCTORS IN CONDUIT SIZED FOR CONDUCTORS OF THE TYPE, QUANTITY AND SIZES AS DIRECTED BY THE SYSTEM SUPPLIER.
- PROVIDE FIRE ALARM SYSTEM PER SPECIFICATION SECTION 28-31-00 COMPLETE WITH JUNCTION BOXES, COVER PLATES, CONDUITS, SUPPORTS, END-OF-LINE DEVICES, POWER SUPPLIES, AUXILIARY RELAYS, CONDUCTORS, TESTING, ETC., ALL AS REQUIRED FOR A COMPLETE OPERATIONAL SYSTEM.
- FIRE ALARM TERMINAL CABINET (FATC #1) IS TO BE INTERCONNECTED USING NFPA STYLE 7 WIRING.
- FIRE ALARM TERMINAL CABINET (FATC) TO BE INTERCONNECTED WITH (E) FACU USING NFPA STYLE 7 WIRING.
- ALL DEVICES SHALL BE FULLY ADDRESSABLE AND COMPATIBLE WITH EXISTING FIRE ALARM PANEL SECUTRON MODEL 2920.

		<b>CONSULTANTS:</b>	<b>KEY PLAN</b> 	<b>STAMP</b>	<b>ARCHITECT/ENGINEERS:</b> <div><b>ADVANCE DESIGN CONSULTANTS, INC.</b></div> <div>998 PARK AVENUE   SAN JOSE   CALIFORNIA   95126 P: (408) 287-1881   F: (408)294-3186   <a href="http://www.adcengineers.com">www.adcengineers.com</a></div>	<b>Drawing Title:</b> <b>FIRE ALARM AND DETECTION ABBREVIATIONS, SYMBOLS, EQUIP. SCHEDULE</b>			<b>Project Title:</b> <b>CONSTRUCT PRIMARY CARE SERVICES BLDG.</b>		<b>Project Number:</b> <b>612-400</b>		<b>Office of Facilities Management</b>	
						<b>Approved:</b> Project Director			<b>Location:</b> 10535 HOSPITAL WAY, MATHER, CA		<b>Building Number:</b> <b>642</b>			
						<b>Date:</b> 4/14/16		<b>Checked:</b> P. LOPEZ		<b>Drawn:</b> J. AGUIRRE		<b>Drawing Number:</b> <b>FA-001</b>		
												<b>Dwg. of</b>		
<b>Revisions:</b>	<b>Date</b>													
FINAL BID DOCUMENTS (14-251)		4/14/16												
100% CONSTRUCTION DOCUMENTS (14-248)		01/22/16												
100% DESIGN DEVELOPMENT (14-244)		10/23/15												
50% DESIGN DEVELOPMENT (14-233)		08/21/15												
100% SCHEMATIC DESIGN (14-185)		03/06/15												

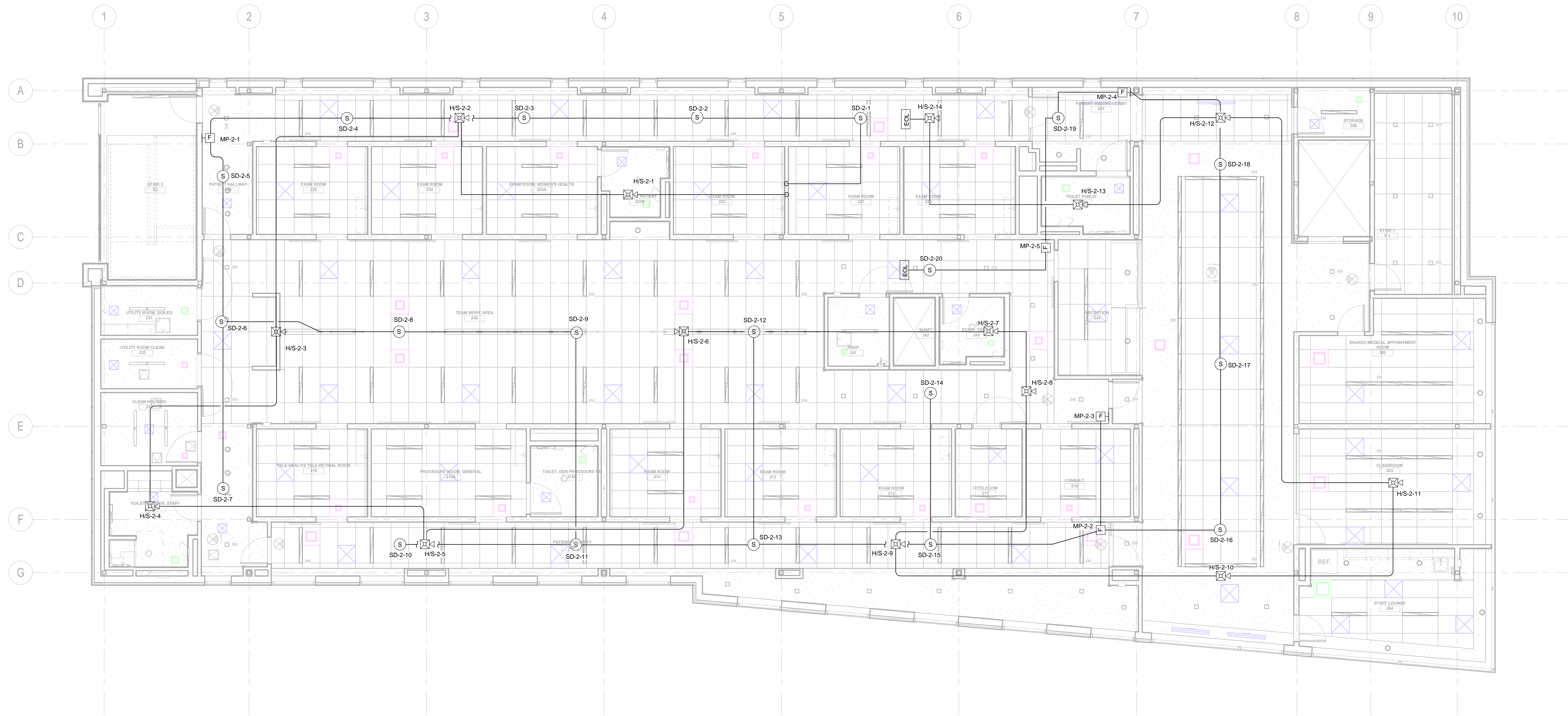




		<b>CONSULTANTS:</b>		<b>KEY PLAN</b>		<b>STAMP</b>		<b>ARCHITECT/ENGINEERS:</b>		Drawing Title: <b>FIRST FLOOR FIRE ALARM</b>		Project Title: <b>CONSTRUCT PRIMARY CARE SERVICES BLDG.</b>		Project Number: <b>612-400</b>		<b>Office of Facilities Management</b>			
								<div><b>ADVANCE DESIGN CONSULTANTS, INC.</b></div> <div>998 PARK AVENUE SAN JOSE CALIFORNIA 95126 P: (408) 287-1881 F: (408) 294-3186 www.adcengineers.com</div> <div>PO# 13-309-38</div>		Approved: Project Director		Location: <b>10535 HOSPITAL WAY, MATHER, CA</b>		Building Number: <b>642</b>				Drawing Number: <b>FA-101</b>	
FINAL BID DOCUMENTS (14-251)		4/14/16												Date: <b>4/14/16</b>		Checked: <b>P. LOPEZ</b>		Drawn: <b>J. AGUIRRE</b>	
100% CONSTRUCTION DOCUMENTS (14-248)		01/22/16																	
100% DESIGN DEVELOPMENT (14-244)		10/23/15																	
50% DESIGN DEVELOPMENT (14-233)		08/21/15																	
100% SCHEMATIC DESIGN (14-185)		03/06/15																	
<b>Revisions:</b>		<b>Date</b>																	



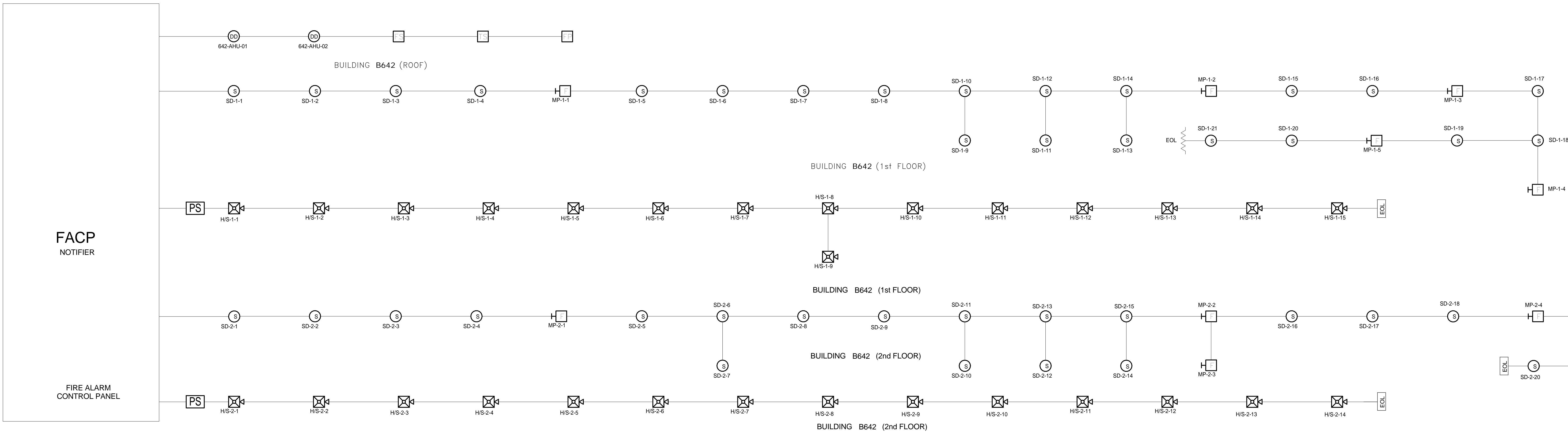
three eighths inch = one foot  
one eighth inch = one foot  
one quarter inch = one foot  
one half inch = one foot  
three eighths inch = one foot  
one half inch = one foot  
three quarters inch = one foot  
one inch = one foot  
one and one half inches = one foot  
two inches = one foot  
three inches = one foot





1 SECOND FLOOR FIRE ALARM PLAN  
SCALE: 3/16" = 1'-0"

		<b>CONSULTANTS:</b>	<b>KEY PLAN</b>	<b>STAMP</b>	<b>ARCHITECT/ENGINEERS:</b>	<div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><b>ADVANCE DESIGN</b></div><div><b>CONSULTANTS, INC.</b></div></div><div><div>998 PARK AVENUE SAN JOSE CALIFORNIA 95126</div><div>P: (408) 287-1881 F: (408)294-3186 www.adcengineers.com</div></div></div><div><div>ATTENTION:</div><div>ONLY VET SIGNED DOCUMENTS CONSTITUTE ADVANCE DESIGN CONSULTANTS, INC. PROFESSIONAL WORK AND BECAUSE OTHER REPRODUCIBLE DOCUMENTS MAY BE EASILY ALTERED WITHOUT THE CONSENT OF ADVANCE DESIGN CONSULTANTS, INC., THE VET SIGNED DOCUMENTS MUST BE REFERRED TO FOR THE ORIGINAL AND CORRECT INFORMATION. IF THERE ARE ANY DIFFERENCES BETWEEN THE VET SIGNED DOCUMENTS AND ANY OTHER DOCUMENTS, THE VET SIGNED DOCUMENTS SHALL GOVERN.</div><div>ADVANCE DESIGN CONSULTANTS, INC. IS NOT RESPONSIBLE FOR ANY MODIFICATIONS MADE TO OUR DOCUMENTS BY ANYONE OTHER THAN AUTHORIZED REPRESENTATIVES OF ADVANCE DESIGN CONSULTANTS, INC.</div><div>PDM 12-200-38</div></div></div>	<div>Drawing Title:</div> <div>SECOND FLOOR FIRE ALARM</div>	<div>Project Title:</div> <div>CONSTRUCT PRIMARY CARE SERVICES BLDG.</div>	<div>Project Number:</div> <div>612-400</div>	<div>Office of Facilities Management</div> <div><div></div>Department of Veterans Affairs</div>	
							<div>Building Number:</div> <div>642</div>				
FINAL BID DOCUMENTS (14-251)	4/14/16							<div>Drawing Number:</div> <div>FA-102</div>			
100% CONSTRUCTION DOCUMENTS (14-248)	01/22/16							<div>Dwg. of</div>			
100% DESIGN DEVELOPMENT (14-244)	10/23/15										
50% DESIGN DEVELOPMENT (14-233)	08/21/15					<div>Approved: Project Director</div>	<div>Location:</div> <div>10535 HOSPITAL WAY, MATHER, CA</div>	<div>Date</div> <div>4/14/16</div>	<div>Checked</div> <div>Checker</div>	<div>Drawn</div> <div>Author</div>	
100% SCHEMATIC DESIGN (14-185)	03/06/15										
Revisions:	Date										

three inches = one foot  
one and one half inches = one foot  
one inch = one foot  
three quarters inch = one foot  
one half inch = one foot  
three eighths inch = one foot  
one quarter inch = one foot  
one eighth inch = one foot



1 FIRE ALARM RISER DIAGRAM  
SCALE: N.T.S.

		<b>CONSULTANTS:</b>		<b>KEY PLAN</b>		<b>STAMP</b>		<b>ARCHITECT/ENGINEERS:</b>		Drawing Title: <b>FIRE ALARM RISER DIAGRAM</b>		Project Title: <b>CONSTRUCT PRIMARY CARE SERVICES BLDG.</b>		Project Number: <b>612-400</b>		<b>Office of Facilities Management</b>	
								<div><div><b>ADVANCE DESIGN CONSULTANTS, INC.</b></div><div><small>ATTENTION: ONLY WET SIGNED DOCUMENTS CONSTITUTE ADVANCE DESIGN CONSULTANTS, INC. PROFESSIONAL WORK AND BECAUSE OTHER REPRODUCIBLE DOCUMENTS MAY BE EASILY ALTERED WITHOUT THE CONSENT OF ADVANCE DESIGN CONSULTANTS, INC., THE WET SIGNED DOCUMENTS MUST BE REFERRED TO FOR THE ORIGINAL AND CORRECT INFORMATION. IF THERE ARE ANY DIFFERENCES BETWEEN THE WET SIGNED DOCUMENTS AND ANY OTHER DOCUMENTS, THE WET SIGNED DOCUMENTS SHALL GOVERN. ADVANCE DESIGN CONSULTANTS, INC. IS NOT RESPONSIBLE FOR ANY MODIFICATIONS MADE TO OUR DOCUMENTS BY ANYONE OTHER THAN AUTHORIZED REPRESENTATIVES OF ADVANCE DESIGN CONSULTANTS, INC.</small></div></div> <div><small>998 PARK AVENUE   SAN JOSE   CALIFORNIA   95126 P: (408) 287-1881   F: (408)294-3186   <a href="http://www.adcengineers.com">www.adcengineers.com</a></small></div> <div><small>PO# 13-308-38</small></div>		Building Number: <b>642</b>							
								Approved: Project Director		Location:      10535 HOSPITAL WAY, MATHER, CA		Drawing Number:  <b>FA-601</b>					
										Date <b>4/14/16</b>		Checked P. LOPEZ		Drawn M. CUELLAR			
<b>Revisions:</b>		<b>Date</b>														 Department of Veterans Affairs	
FINAL BID DOCUMENTS (14-251)		4/14/16															
100% CONSTRUCTION DOCUMENTS (14-248)		01/22/16															
100% DESIGN DEVELOPMENT (14-244)		10/23/15															
50% DESIGN DEVELOPMENT (14-233)		08/21/15															
100% SCHEMATIC DESIGN (14-185)		03/06/15															