## LIST OF CODES AND STANDARDS MODEL CODE EDITIONS EFFECTIVE JANUARY 1, 2014

2013 CA. BUILDING CODE \*TITLE 24 PART 2 VOLUME #1 AND #2 2013 CA. ELECTRIC CODE \* TITLE 24 PART 3. 2013 CA. MECHANICAL CODE \* TITLE 24 PART 4. 2013 CA. PLUMBING CODE \* TITLE 24 PART 5. 2013 CA. FIRE CODE \* TITLE 24 PART 9.

2013 CA. BUILDING STANDARDS \* TITLE 24 PART 12

LIST OF STANDARDS CURRENTLY ADAPTED BY THE STATE OF CALIFORNIA, SEE CBC CHAPTER 35 AND CFC CHAPTER 47. CURRENT REFERENCE STANDARDS APPLICABLE TO FIRE AND LIFE SAFETY, INCLUDING BUT NOT LIMITED TO THE FOLLOWING:

2013 NFPA 10 PORTABLE FIRE EXTINGUISHERS
2013 NFPA 13 INSTALLATION OF FIRE SPRINKLER SYSTEMS + CA. AMENDMENTS
2013 NFPA 14 INSTALLATION OF STANDPIPE, PRIVATE HYDRANT AND HOSE STATIONS.
2013 NFPA 72 NATIONAL FIRE ALARM CODE - SEE CALIFORNIA AMENDMENTS
2013 NFPA 20 INSTALLATION OF STATIONARY PUMPS FOR FIRE PROTECTION.
2013 NFPA 22 WATER TANKS FOR PRIVATE FIRE PROTECTION
2013 NFPA 24 INSTALLATION OF PRIVATE FIRE SERVICE MAINS + CA. AMENDMENTS
2013 NFPA 80 FIRE DOORS AND OTHER OPENING PROTECTIVE
2013 NFPA 110 EMERGENCY AND STANDBY POWER SYSTEMS
2012 NFPA 2001 CLEAN AGENT FIRE EXTINGUISHING SYSTEMS
TITLE 19 CCR STATE FIRE MARSHAL REGULATIONS

FIRE SPRINKLER SYSTEM GENERAL PLAN REVIEW NOTES:

/A FORM 08-6231, OCT 1978

 WATER SUPPLY COMPONENTS, SUCH AS WATER TANKS, FIRE PUMPS, ETC., ALONG WITH THE ORIGINAL WATER SUPPLY TESTING DATE.

2. 2013 NFPA 13 SEC. 8.16.4.1: THE DESIGNER SHALL INDICATE ON THE PLANS ALL PIPING SUBJECT TO FREEZING (WHERE WATER TEMPERATURE CAN NOT BE MAINTAINED ABOVE 40 ° FAHRENHEIT)AND PROVIDE APPROVED PROTECTION.

3. 2013 NFPA 13 SEC. 10.10.2.1: UNDERGROUND MAINS AND LEAD-IN CONNECTIONS TO SYSTEM RISERS SHALL BE COMPLETELY FLUSHED BEFORE CONNECTION IS MADE TO OVERHEAD SPRINKLER PIPING. WHERE UNDERGROUND CONNECTION IS FLUSHED AND NOT IMMEDIATELY CONNECTED TO THE OVERHEAD PIPING, THE RISER SHALL BE CAPPED OR OTHERWISE PROTECTED TO PREVENT DEBRIS, DIRT, OR ANIMALS FROM ENTERING INTO THE UNDERGROUND PIPING. (WITNESSED BY PROJECT INSP.)

4. PROVIDE WET SIGNED WATER FLOW TEST DATA NO MORE THAN 6 MONTH OLD AND INDICATE THE LOCATIONS AND HEIGHT ELEVATIONS OF THE TEST AND RESIDUAL FLOW HYDRANTS. WATER FLOW TEST DATA MUST BE PROVIDED BY OR WITNESSED BY THE LOCAL WATER PURVEYOR, UTILITY COMPANY OR LOCAL FIRE DEPARTMENT.

5. 2013 NFPA 13 SEC. 10.10.2.2: ALL PIPING AND ATTACHED APPURTENANCES SUBJECT TO SYSTEM WORKING PRESSURE SHALL BE HYDROSTATICALLY TESTED AT 200 PSI OR 50 PSI IN EXCESS OF THE SYSTEM WORKING PRESSURE WITHOUT LOSS FOR 2 HOURS. (WITNESSED BY PROJECT INSPECTOR)

6. 2013 NFPA 13 SEC. 6.2.9.5: PROVIDED SPARE SPRINKLER HEAD CABINET, SPRINKLER WRENCH AND NO FEWER THAN 6 SPARE SPRINKLER HEADS MATCHING THE TYPES AND TEMPERATURE RATING IN EACH PROTECTED AREA FOR SYSTEMS LESS THAN 300 SPRINKLERS. (12 SPARE SPRINKLER HEADS FOR SYSTEMS 300 TO 1000 SPRINKLERS)

7. 2013 NFPA 13 SEC. 9.3.6.3.: THE END SPRINKLER ON EACH LINE SHALL BE RESTRAINED AGAINST EXCESSIVE VERTICAL AND LATERAL MOVEMENT.

8. 2013 NFPA 13 SEC. 8.17.4.2.1 - 8.16.4.2.3: THE INSPECTORS TEST PIPE SIZE SHALL BE NO LESS THAN 1 INCH WITH A SMOOTH BORE CORRISION-RESISTANT ORIFICE PROVIDING THE EQUIVALENT FLOW OF THE SMALLEST ORIFICE OF THE SPRINKLER TYPES INSTALLED WITHIN THE SYSTEM. THE DISCHARGE SHALL BE TO THE EXTERIOR OF THE BUILDING.

9. 2013 NFPA 17.12.2: THE SPRINKLER FLOW SWITCH SHALL BE TESTED TO CONFIRM THAT WHEN THE INSPECTORS TEST VALVE IS ACTIVATED, AN ALARM WILL SOUND NO MORE THAN 90 SECONDS AFTER INITIAL FLOW. (WITNESSED BY PROJECT INSPECTOR)

10. 2013 CFC CHAPTER 5 sec. 509.1: SIGNAGE SHALL BE PROVIDED AS REQUIRED, INDICATING "RISER ROOM IDENTIFICATION".

11. 2013 CBC SEC. 903.4.1: THE MAIN FIRE ALARM PANEL VALVE MONITORING AND WATER FLOW ALARM AND TROUBLE SIGNALS SHALL BE DISTINCTLY DIFFERENT AND SHALL BE AUTOMATICALLY TRANSMITTED TO AN APPROVED CENTRAL STATION MONITORING COMPANY.

12. 2013 NFPA 25 SEC. 5.2.6: A PERMANENT HYDRAULIC CALCULATIONS DESIGN DATA PLACARD SHALL BE ATTACHED TO EACH RISER.

13. 2013 NFPA 13 CHAPTER 25 sec. 25.1: SPRINKLER CONTRACTOR SHALL COMPLETE AND SIGN CONTRACTOR'S MATERIAL & TEST CERTIFICATE FOR THE ABOVEGROUND PIPING. THIS FORM SHALL BE GIVEN TO THE PROJECT INSPECTOR WHO WILL FOREWORD TO DSA FOR FILING IN PROJECT RECORDS.

## GENERAL NOTES FOR OVERHEAD FIRE SPRINKLERS:

NFPA 13 (2013) SEC. 10.10.2.1 UNDERGROUND MAINS AND LEAD IN CONNECTIONS TO SYSTEM RISERS SHALL BE COMPLETELY FLUSHED BEFORE CONNECTION IS MADE TO OVERHEAD SPRINKLER SYSTEM PIPING. (WITNESSED BY THE INSPECTOR OF RECORD).

NFPA 13 (2013) SEC. 9.3.4.2 CLEARANCE SHALL BE PROVIDED AROUND ALL PIPING EXTENDING THROUGH WALLS, FLOORS, PLATFORMS AND FOUNDATIONS, INCLUDING DRAINS SUCH THAT THE DIAMETER OF THE HOLES IS <u>2" AND LARGER</u> THAN THE PIPE FROM 1" TO 3.5" AND 4 INCHES LARGER THAN THE PIPE FOR 4 INCHES NOMINAL AND LARGER.

NFPA 13 (2013) SEC. 25.2.1.1 ALL INTERIOR PIPING AND APPURTENANCES SUBJECT TO SYSTEM WORKING PRESSURE SHALL BE HYDROSTATICALLY TESTED AT 200 PSI AND SHALL MAINTAIN THAT PRESSURE WITHOUT LOSS FOR 2 HOURS.

NFPA 13 (2013) SEC. 9.3.6 PROVIDED RESTRAINT AT END OF BRANCH LINES WITH ONE OF THE FOLLOWING:
1. A LISTED SWAY BRACE ASSEMBLY.

2. A WRAPAROUND U-HOOK SATISFYING THE REQUIREMENTS OF 9.3.5.3.8

3. NO 12, 440-LB WIRE INSTALLED AT LEAST 45 DEGREES FROM THE VERTICAL

PLANE AND ANCHORED ON BOTH SIDES OF THE PIPE.

NFPA 13 (2013) SEC. 9.3.5.8.1 TOPS OF RISERS EXCEEDING 3 FEET IN LENGTH SHALL BE PROVIDED WITH A 4-WAY BRACE ABOVE THE UPPER FLEXIBLE COUPLING ON RISER AND PREFERABLE TO THE ROOF STRUCTURE IF SUITABLE. THE BRACE SHOULD NOT BE ATTACHED DIRECTLY TO A PLYWOOD OR METAL DECK.

CBC (2013) SEC. 903.4.1 MAIN FIRE ALARM PANEL VALVE MONITORING AND WATER FLOW ALARM AND TROUBLE SIGNALS SHALL BE DISTINCTLY DIFFERENT AND SHALL BE AUTOMATICALLY TRANSMITTED TO AN APPROVED CENTRAL STATION MONITORING COMPANY.

NFPA 25 (2013) SEC. 5.2.6 / HYDRAULIC CALCULATIONS DESIGN DATA NAMEPLATE SHALL BE ATTACHED TO RISER.

NFPA 13 (2013) SEC. 25.1 SPRINKLER CONTRACTOR (C16) SHALL COMPLETE AND SIGN CONTRACTORS MATERIAL AND TEST CERTIFICATE FOR THE OVERHEAD SPRINKLER USING FORM IN FIG. 16.1. THIS FORM SHALL BE GIVEN TO THE INSPECTOR OF RECORD (IOR) WHO WILL TURN-IN FOR DSA RECORDS.

NFPA 13 (2013) SEC. 25.2.3.1 THE MAIN DRAIN VALVE SHALL BE OPENED AND REMAIN OPEN UNTIL THE SYSTEM PRESSURE STABILIZES. THE STATIC AND RESIDUAL PRESSURE SHALL BE RECORDED ON THE CONTRACTORS TEST CERTIFICATE.

(WITNESSED BY THE INSPECTOR OF RECORD-IOR).

WHERE MECHANICAL TEES ARE USED TO SUPPLY SPRINKLER HEADS, DISKS SHALL BE RETRIEVED (SHOWN TO PROJECT INSPECTOR) BEFORE MECHANICAL TEE IS ATTACHED.

FIRE SPRINKLER DESIGN IS LIGHT HAZARD WITH A DENSITY OF .10 GPM FOR THE MOST REMOTE 1500 SQ. FT. OF AREA. DEDUCTION HAS BEEN TAKEN FOR QUICK RESPONSE HEADS.

WATER SUPPLY INFORMATION:
TEST CONDUCTED BY OR INFORMATION SUPPLIED BY AND WET SIGNATURE OF:
1 WATER PURVEYOR OR

LOCAL FIRE AUTHORITY HAVING JURISDICTION (LFAHJ) OR
 IMPARTIAL THIRD PARTY WITH QUALIFICATION (PRE-APPROVAL FROM DSA OR (LFAHJ) REQUIRED

WELDING CERTIFICATIONS (WITH WELDERS STAMP ON ALL WELDS).

## **FIRE PROTECTION NOTES:**

ALL INSTALLATION PER N.F.P.A. #13, 2013, DSA, CBC 2013, MANUFACTURER RECOMMENDATIONS, AND LOCAL FIRE DEPT.
BUILDING FIRE SPRINKLERS TO BE DESIGNED FOR ORDINARY HAZARD GROUP 1, 0.15 GPM OVER 1500 SQ. FT. IN MECH ROOMS,
STORAGE ROOMS AND KITCHENS AND FOR LIGHT HAZARD, 0.1 GPM OVER 1500 SQ. FT. IN OTHER AREAS.
BUILDING IS HYDRAULICALLY CALCULATED PER N.F.PA. #13.
ALL SPRINKLERS ARE ORDINARY TEMPERATURE RATED AND QUICK RESPONSE TYPE.
ALL MAIN PIPES SHALL BE HUNG BELOW MAIN BEAM.
ALL BRANCH PIPES SHALL BE HUNG AS HIGH AS POSSIBLE.
ALL PIPING 2" AND SMALLER SHALL BE SCHEDULE 40 STEEL PIPE WITH THREADED FITTINGS.
ALL PIPING 2.5" AND LARGER SHALL BE SCHEDULE 10 PIPE GROOVED AND WELDED.
ALTERNATE PIPING MAY BE PERMITTED WITH PRIOR APPROVAL.

ALL FIRE SPRINKLER PIPING SHALL BE TESTED AND FLUSHED PER N.F.P.A. #13 AND 24. WATER FLOW SUPPLY 62 / 50 /1872 PER CAL WATER DEPARTMENT..
CONSTRUCTION IS NON COMBUSTIBLE OBSTRUCTED. NO SPRINKLER COVERAGE ABOVE CEILINGS.

SPRINKLERS ARE SPACED WITH MAX. COVERAGE OF 130 SQ. FT IN MECH ROOMS, AND UP TO 400 SQ. FT. IN OTHER AREAS WITH EXTENDED COVERAGE HEADS., ALL DIMENSIONS SHOWN ARE CENTER TO CENTER U.O.N.

ALL VALVES SHALL BE MONITORED PER NFPA 13 AND NFPA 72 BY AN APPROVED CENTRAL STATION. ALL PIPES SHALL BE SUPPORTED AND BRACED PER NFPA 13.

COORDINATE ALL WORK WITH OTHER TRADES.
ALL WELDED PIPE SHALL BE INSPECTED PRIOR TO INSTALLATION

ALL ARMOVERS UNDER 12" LONG ARE 1" U.O.N.

NO PIPING SHALL BE CONCEALED WITHOUT THE APPROVAL OF BOTH THE BUILDING AND FIRE INSPECTOR

## WATER SUPPLY INFORMATION

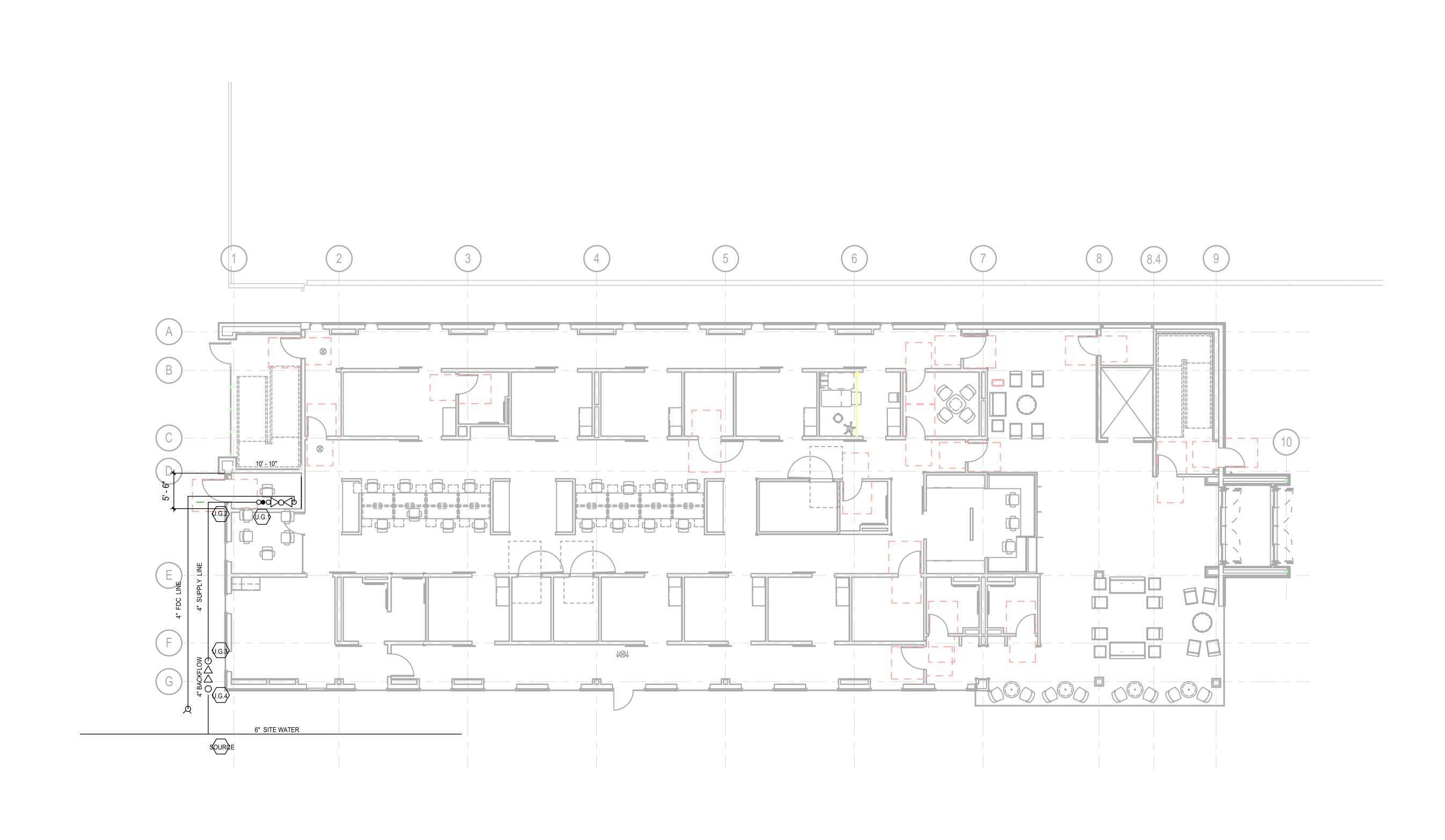
FLOW TEST PROVIDED BY ON-SITE FLOW TEST.

STATIC PRESSURE: 70 PSI RESIDUAL PRESSURE: 30 PSI

490 GPM AT 20 PSI.

FLOW: 490 GPM

Project Number: **CONSULTANTS: KEY PLAN STAMP ARCHITECT/ENGINEERS: GENERAL NOTES CONSTRUCT PRIMARY CARE** 612-400 Office of SERVICES BLDG. Building Number: **Facilities** SACRAMENTO ENGINEERING CONSULTANTS FINAL BID DOCUMENTS (14-251) **Management** 100% CONSTRUCTION DOCUMENTS (14-248) 01/22/16 Approved: Project Director rawing Number: 10535 HOSPITAL WAY, MATHER, CA Sacramento, CA 95827-2503 100% DESIGN DEVELOPMENT (14-244) 10/23/15 ADVANCE DESIGN CONSULTANTS, INC. IS NOT RESPONSIBLE FOR ANY MODIFICATIONS MADE TO OUR DOCUMENTS BY ANYONE OTHER THAN AUTHORIZED REPRESENTATIVES O ADVANCE DESIGN CONSULTANTS, INC. Fax: (916) 368-4490 50% DESIGN DEVELOPMENT (14-233) 8/21/15 www.saceng.com Department of Veterans Affairs 3/6/15 100% SCHEMATIC DESIGN (14-185) P: (408) 287-1881 F: (408)294-3186 www.adcengineers.com | PO# 13-308-38 Dwg. Date



1 Fire Sprinkler Site Plan
FP1 SCALE: 1/8" = 1'-0"

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) 8/21/15 100% SCHEMATIC DESIGN (14-185) 3/6/15	Revisions:	Date
100% CONSTRUCTION DOCUMENTS (14-248) 01/22/16 100% DESIGN DEVELOPMENT (14-244) 10/23/15	100% SCHEMATIC DESIGN (14-185)	3/6/15
100% CONSTRUCTION DOCUMENTS (14-248) 01/22/16	50% DESIGN DEVELOPMENT (14-233)	8/21/15
,	100% DESIGN DEVELOPMENT (14-244)	10/23/15
FINAL BID DOCUMENTS (14-251) 4/14/16	100% CONSTRUCTION DOCUMENTS (14-248)	01/22/16
	FINAL BID DOCUMENTS (14-251)	4/14/16

CONSULTANTS:	KEY PLAN	
SACRAMENTO ENGINEERING CONSULTANTS  10555 Old Placerville Road Sacramento, CA 95827-2503 Phone: (916) 368-4468 Fax: (916) 368-4490 www.saceng.com		

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ARCHITECT/ENGINEERS	<b>S:</b>
ADVANCE DESIGN CONSULTANTS, INC.  998 PARK AVENUE SAN JOSE CALIFORNIA 95126 P: (408) 287-1881 F: (408)294-3186 www.adcengineers.com	ATTENTION:  ONLY WET SIGNED DOCUMENTS CONSTITUTE ADVANCE DESIGN CONSULTANTS, INC PROFESSIONAL WORK AND BECAUSE OTHER REPRODUCIBLE DOCUMENTS MAY BE ALTERED WITHOUT THE CONSENT OF ADVANCE DESIGN CONSULTANTS, INC., THE W SIGNED DOCUMENTS MUST BE REFERRED TO FOR THE ORIGINAL AND CORRECT INFORMATION. IF THERE ARE ANY DIFFERENCES BETWEEN THE WET SIGNED DOCUMENTS SHALL GOVERN.  ADVANCE DESIGN CONSULTANTS, INC. IS NOT RESPONSIBLE FOR ANY MODIFICATION MADE TO OUR DOCUMENTS BY ANYONE OTHER THAN AUTHORIZED REPRESENTATIVE ADVANCE DESIGN CONSULTANTS, INC.  PO# 13-308-38

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	SITE PLAN	Project Title:  CONSTRUCT PRIMARY CARE
SILY		SERVICES BLDG.
	Approved: Project Director	Location: 10535 HOSPITAL WAY, MATHER, CA
OF		Date Checked Drawn

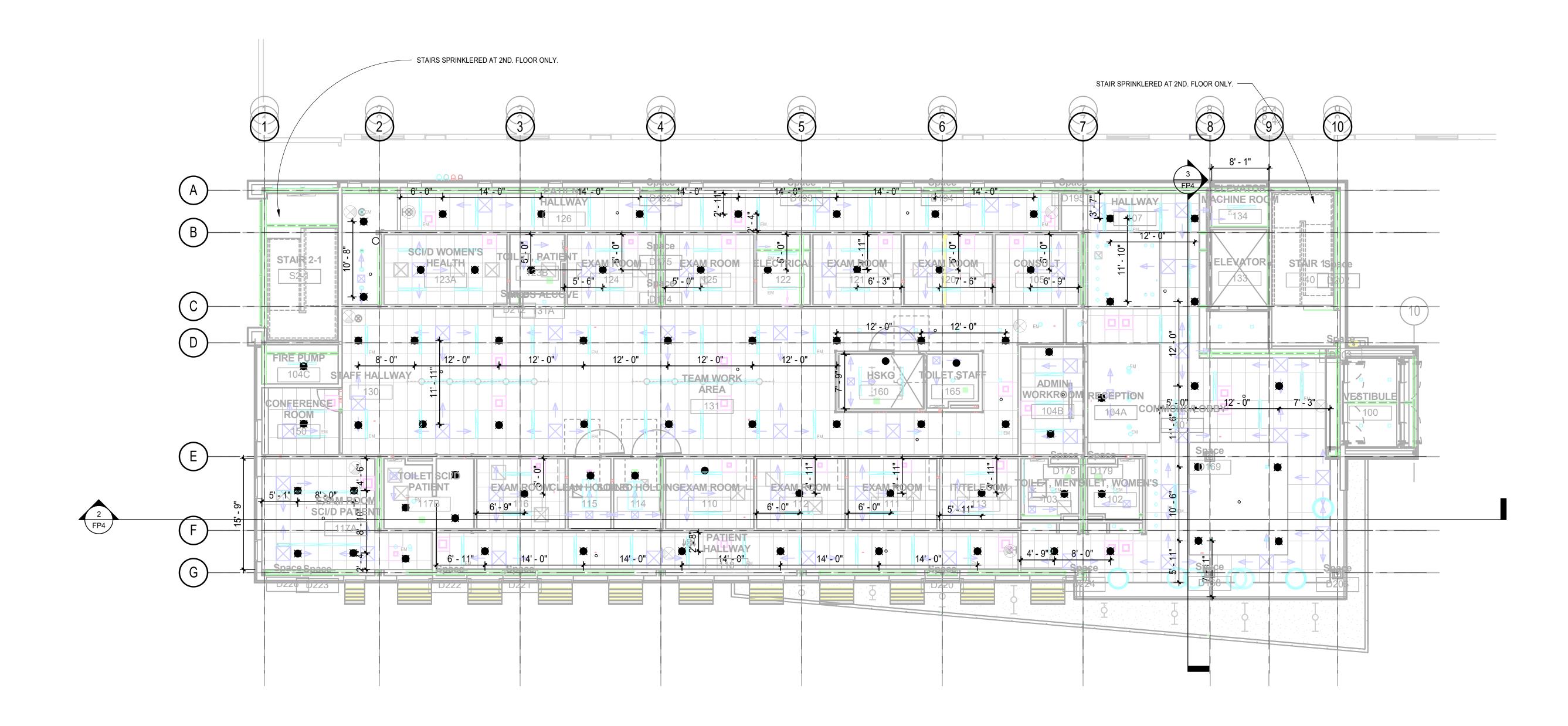
Building Number:
642

Drawing Number:

Management



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<b>(</b>	TYCO-TY3231 RECESSED PENDANT Q.R.	1/2"	5.6	155	CHROME	CHROME	72
•	TYCO-TY3231 UPRIGHT Q.R.	1/2"	5.6	155	BRASS	NONE	3
	TOTAL SPRINKLERS THIS SHEET			I		1	75



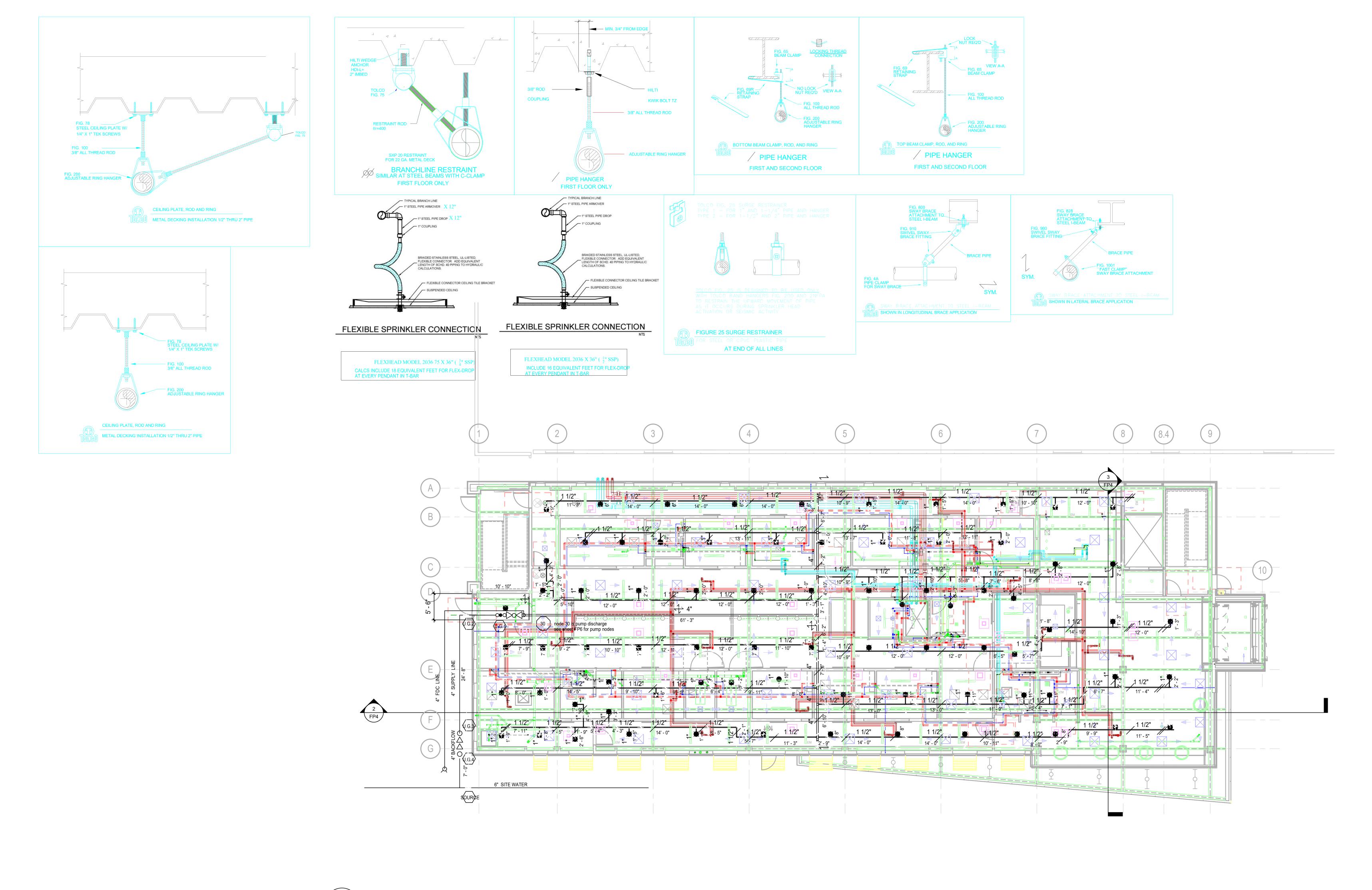
1 1st Floor Ceiling Plan - Design
FP2 SCALE: 1/8" = 1'-0"

VA FORM 08-6231, OCT 1978

		CONSULTANTS:	KEY PLAN	STAMP	ARCHITECT/ENGINEERS:	Drawing Title:  1st FLOOR CEILING PLAN	Project Title:  CONSTRUCT	PRIMARY CARE	Project Number: <b>612-400</b>	Office of
	FINAL BID DOCUMENTS (14-251) 4/14/16	SACRAMENTO ENGINEERING CONSULTANTS		PROFESSIONAL CHEVILLE	ADVANCE DESIGN  ONLY WET SIGNED DOCUMENTS CONSTITUTE ADVANCE DESIGN CONSULTANTS, INC. PROFESSIONAL WORK AND BECAUSE OTHER REPRODUCIBILE DOCUMENTS MAY BE EASILY AT FERFO WITHOUT THE CONSENT OF ADVANCE DESIGN CONSULTANTS, INC. THE WET		SERVICES BL	_DG.	Building Number: <b>642</b>	Office of Facilities
	100% CONSTRUCTION DOCUMENTS (14-248)       01/22/16         100% DESIGN DEVELOPMENT (14-244)       10/23/15	10555 Old Placerville Road Sacramento, CA 95827-2503 Phone: (916) 368-4468 Fax: (916) 368-4490		EXP. 6-30-2017	CONSULTANTS, INC.  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	Approved: Project Director	Location: 10535 HOSPITA	AL WAY, MATHER, CA		Management
HH	50% DESIGN DEVELOPMENT (14-233)       8/21/15         100% SCHEMATIC DESIGN (14-185)       3/6/15         Revisions:       Date	www.saceng.com		OF CALIF	998 PARK AVENUE SAN JOSE CALIFORNIA 95126  P: (408) 287-1881 F: (408)294-3186 www.adcengineers.com  MADE TO OUR DOCUMENTS BY ANYONE OTHER THAN AUTHORIZED REPRESENTATIVES OF ADVANCE DESIGN CONSULTANTS, INC.  PO# 13-308-38		Date C F	Checked Drawn  RH GB	FP2  Dwg. of	Department of Veterans Affairs

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1 1st Floor Piping Plan
FP2.1 SCALE: 1/8" = 1'-0"

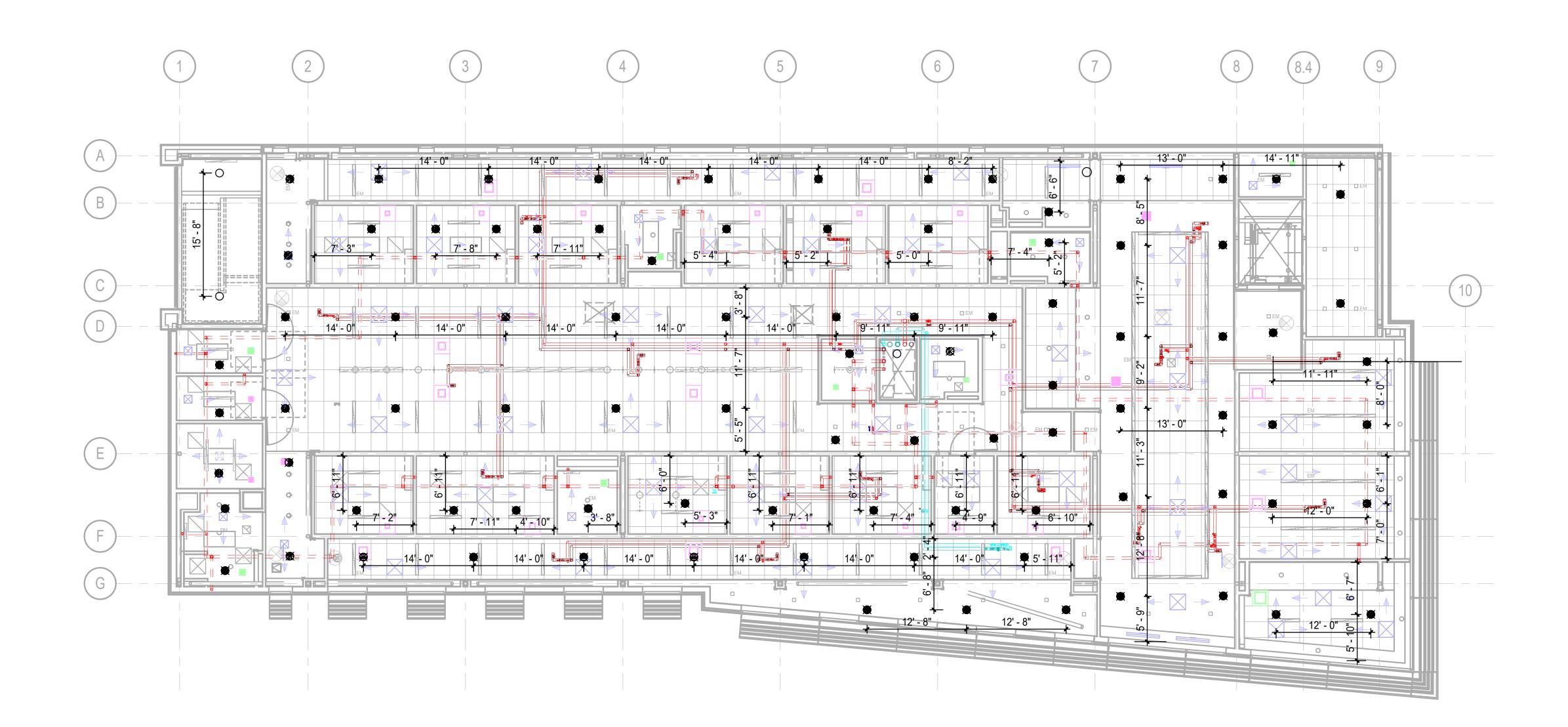
Project Number: **CONSULTANTS: ARCHITECT/ENGINEERS: KEY PLAN STAMP** 1st FLOOR PIPING PLAN CONSTRUCT PRIMARY CARE 612-400 Office of SERVICES BLDG. Building Number: **Facilities** SACRAMENTO ENGINEERING CONSULTANTS

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one eighth inch = one foot  $\frac{16}{16}$  one quarter inch = one foot  $\frac{1}{16}$  one foo

VA FORM 08-6231, OCT 1978

	SECOND FLOOR	SPRINKLI	ER LEG	END			
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<b>(</b>	TYCO- TY-3231 RECESSED PENDANT Q.R.	1/2"	5.6	155	CHROME	CHROME	86
•	TYCO- TY-3231 UPRIGHT Q.R.	1/2"	5.6	155	BRASS	NONE	6
	TOTAL SPRINKLERS THIS SHEET	•	'	'		<u>'</u>	92



1 2nd Floor Ceiling Plan
FP3 SCALE: 1/8" = 1'-0"

Revisions:	Date
100% SCHEMATIC DESIGN (14-185)	3/6/15
50% DESIGN DEVELOPMENT (14-233)	8/21/15
100% DESIGN DEVELOPMENT (14-244)	10/23/15
100% CONSTRUCTION DOCUMENTS (14-248)	01/22/16
FINAL BID DOCUMENTS (14-251)	4/14/16

VA FORM 08-6231, OCT 1978

CONSULTANTS:	KEY PLAN	
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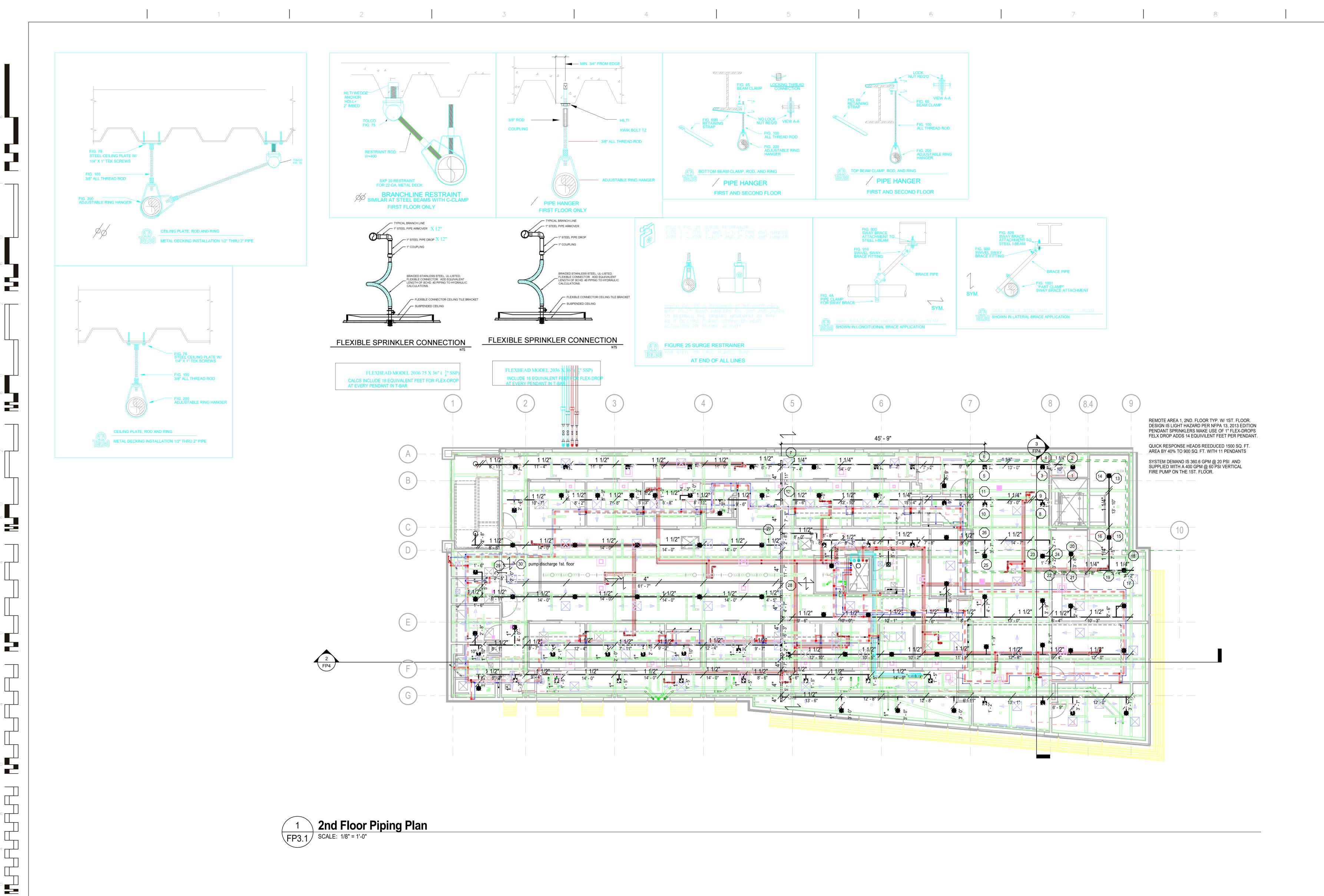
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Drawing Title:  2nd FLOOR CEILING PLAN		Project Title:  CONSTRUCT PRIMARY CARE			
	SERVICES	SERVICES BLDG.			
Approved: Project Director	Location: 10535 HOSP	Location: 10535 HOSPITAL WAY, MATHER, CA			
	Date	Checked	Drawn	FP	
	4/14/16	RH	GB	Dwg. of	

612-400 Office of Building Number: **Facilities** Management Drawing Number:

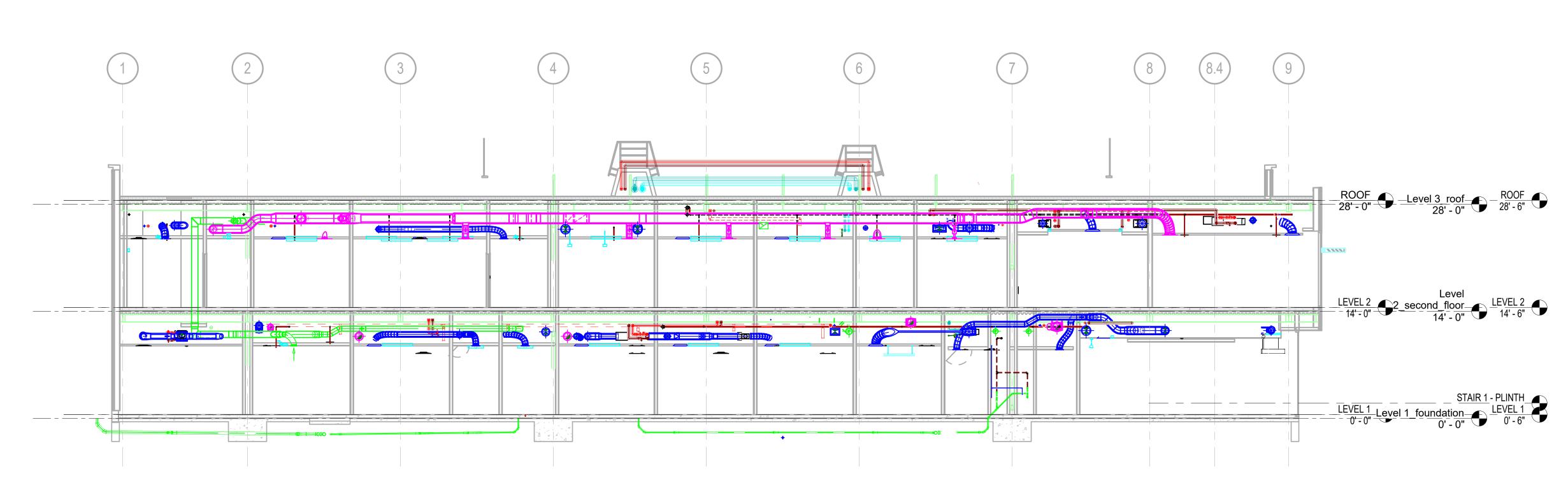




Project Number: **CONSULTANTS: KEY PLAN** ARCHITECT/ENGINEERS: **STAMP** 2nd FLOOR PIPING PLAN CONSTRUCT PRIMARY CARE 612-400 Office of SERVICES BLDG. Building Number: **Facilities** SACRAMENTO ENGINEERING CONSULTANTS ONLY WET SIGNED DOCUMENTS CONSTITUTE ADVANCE DESIGN CONSULTANTS, INC. PROFESSIONAL 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. 642 FINAL BID DOCUMENTS (14-251) 4/14/16 Management 100% CONSTRUCTION DOCUMENTS (14-248) 01/22/16 Approved: Project Director Orawing Number: 10555 Old Placerville Road Sacramento, CA 95827-2503 Phone: (916) 368-4468 Fax: (916) 368-4490 10535 HOSPITAL WAY, MATHER, CA 100% DESIGN DEVELOPMENT (14-244) 10/23/15 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. 50% DESIGN DEVELOPMENT (14-233) 8/21/15 FP3.1 www.saceng.com 998 PARK AVENUE SAN JOSE CALIFORNIA 95126 Department of Veterans Affairs 3/6/15 100% SCHEMATIC DESIGN (14-185) P: (408) 287-1881 F: (408)294-3186 www.adcengineers.com Dwg. of Date

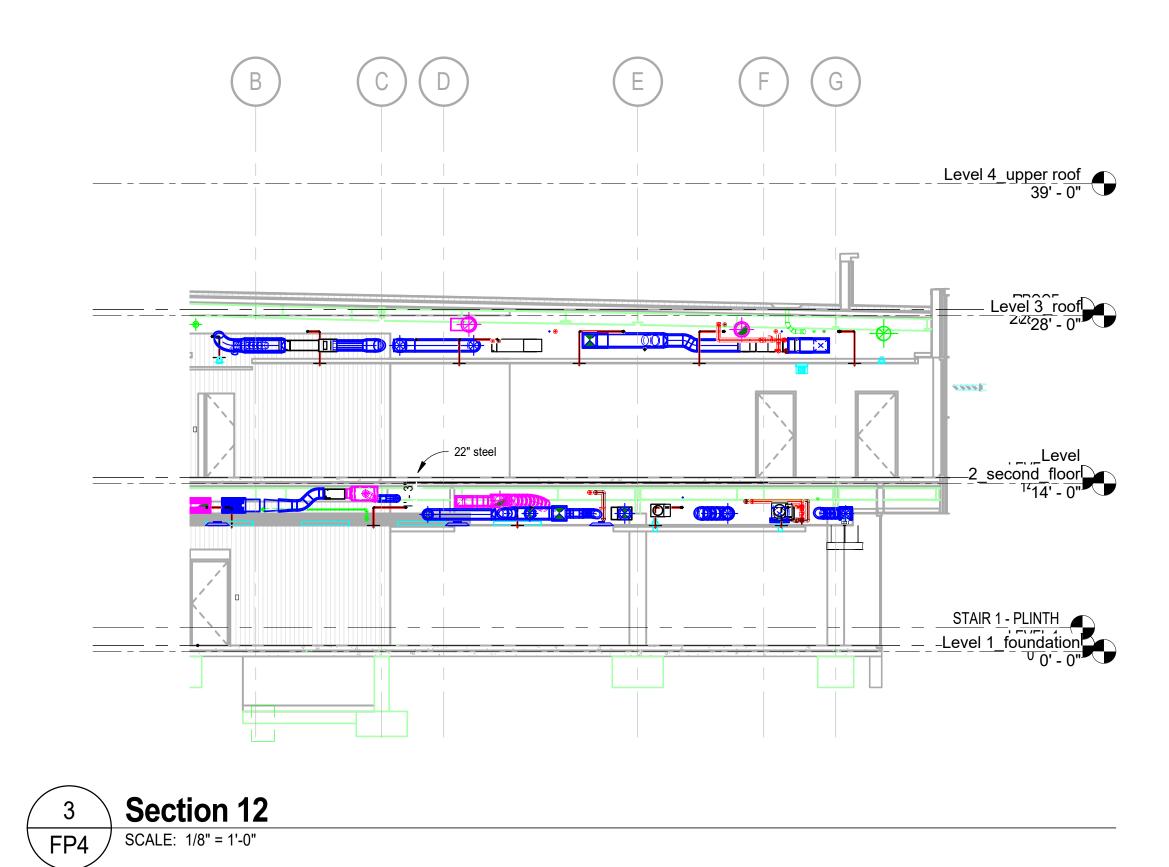
one eighth inch = one foot one quarter inch = one foot three eighths inch = one foot

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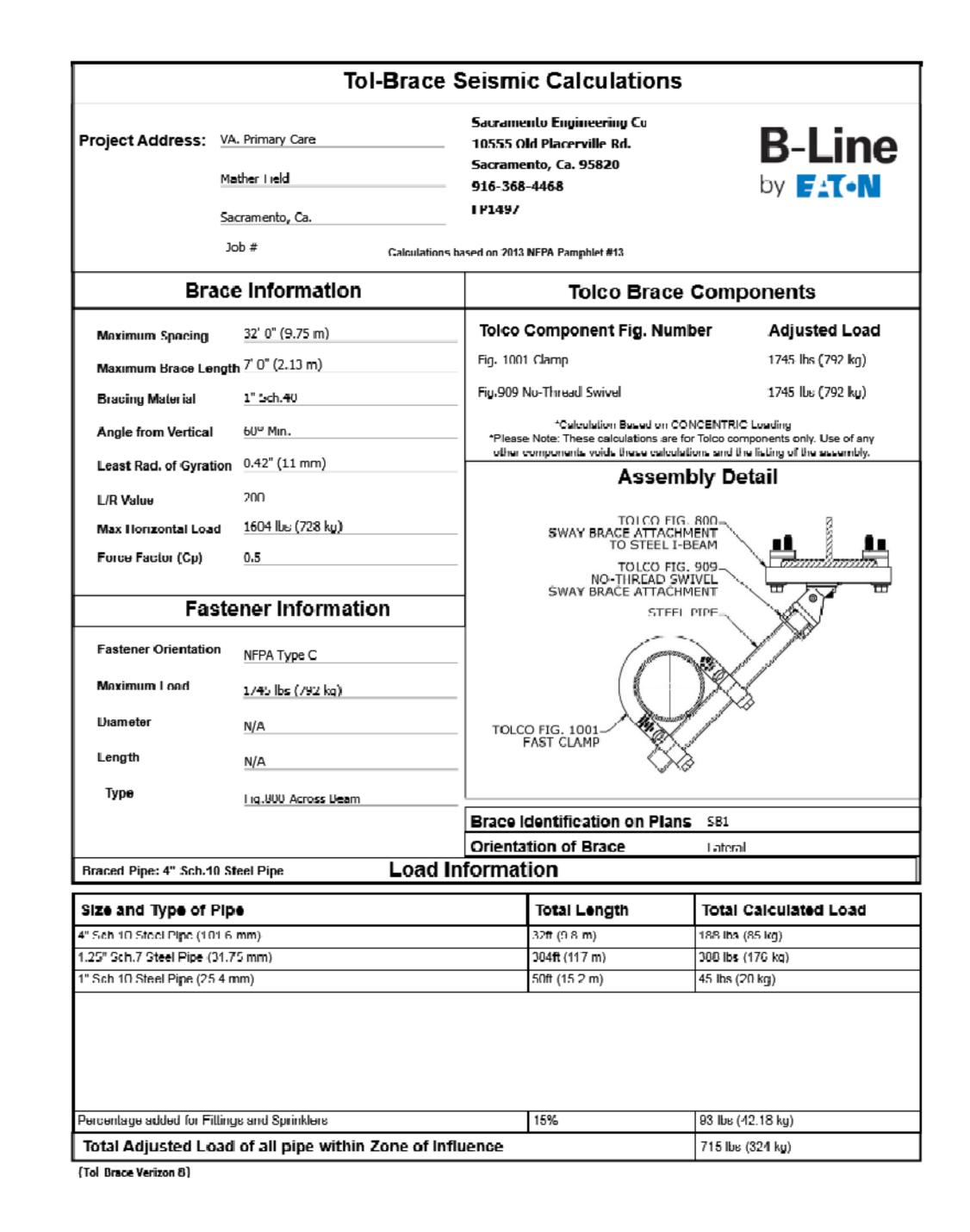
2 Section 1
FP4 SCALE: 1/8" = 1'-0"

VA FORM 08-6231, OCT 1978

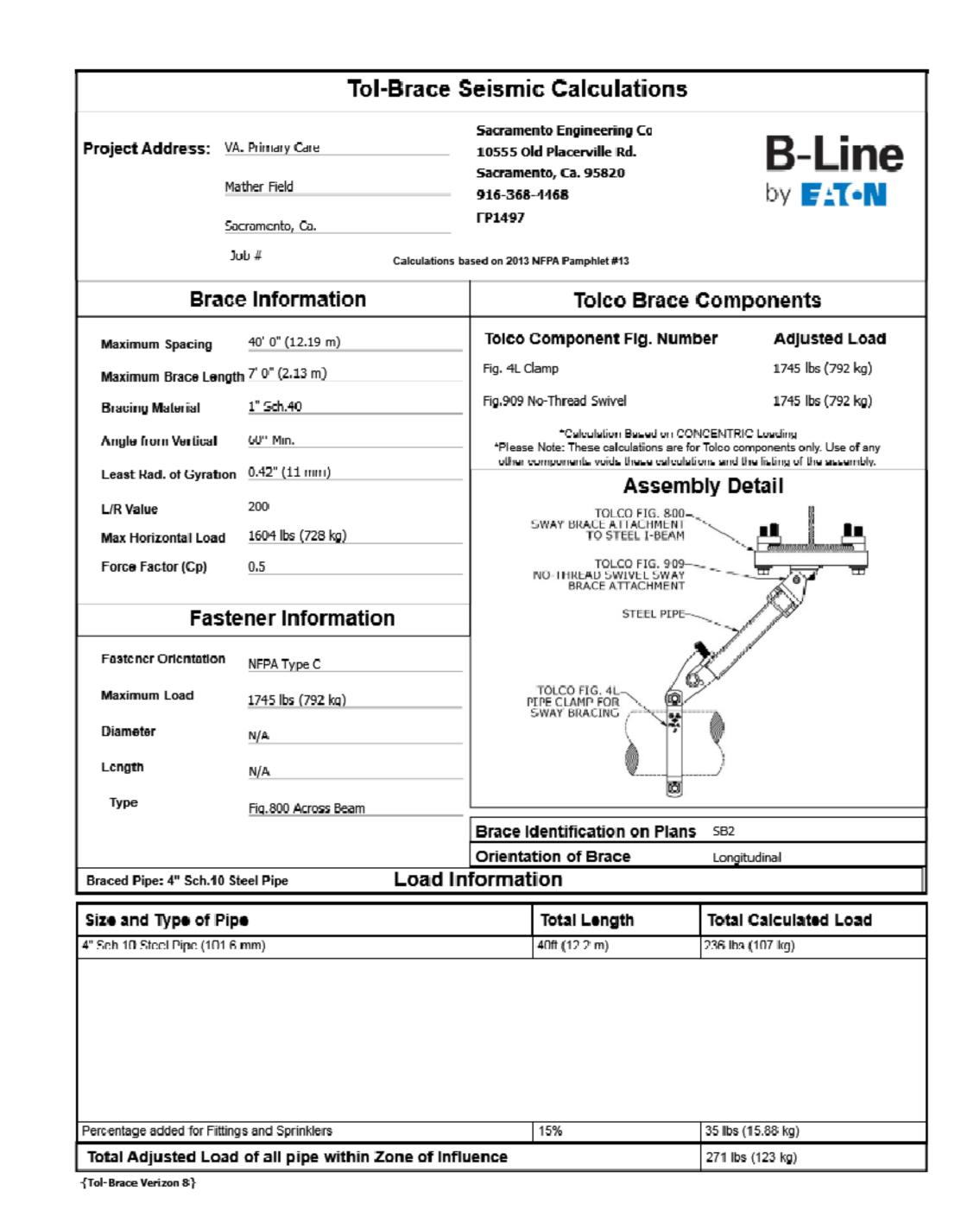


	CONSULTANTS:	KEY PLAN	STAMP	ARCHITECT/ENGINEERS:	Drawing Title:  SECTIONS AND DETAILS	Project Title:  CONSTRUCT PRIMARY CARE	Project Number: 612-400	
FINAL BID DOCUMENTS (14-251) 4/14/16	SACRAMENTO ENGINEERING		PROFESSION	ADVANCE DESIGN  ONLY WET SIGNED DOCUMENTS CONSTITUTE ADVANCE DESIGN CONSULTANTS, INC. PROFESSIONAL WORK AND BECAUSE OTHER REPRODUCIBLE DOCUMENTS MAY BE EASILY ALTERED WITHOUT THE CONSENT OF ADVANCE DESIGN CONSULTANTS, INC. THE WET.		SERVICES BLDG.	Building Number:  642	Office of Facilities
100% CONSTRUCTION DOCUMENTS (14-248)       01/22/16         100% DESIGN DEVELOPMENT (14-244)       10/23/15	10555 Old Placerville Road Sacramento, CA 95827-2503 Phone: (916) 368-4468 Fax: (916) 368-4490		EXP. 6-30-2017	CONSULTANTS, INC.  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 ALITHORIZED REPRESENTATIVES OF	Approved: Project Director	Location: 10535 HOSPITAL WAY, MATHER, CA		Management
50% DESIGN DEVELOPMENT (14-233)       8/21/15         100% SCHEMATIC DESIGN (14-185)       3/6/15         Revisions:       Date	www.saceng.com		OF CALLE	998 PARK AVENUE SAN JOSE CALIFORNIA 95126 P: (408) 287-1881 F: (408)294-3186 www.adcengineers.com PO# 13-308-38		Date Checked Drawn GB	FP4  Dwg. of	Department of Veterans Affairs

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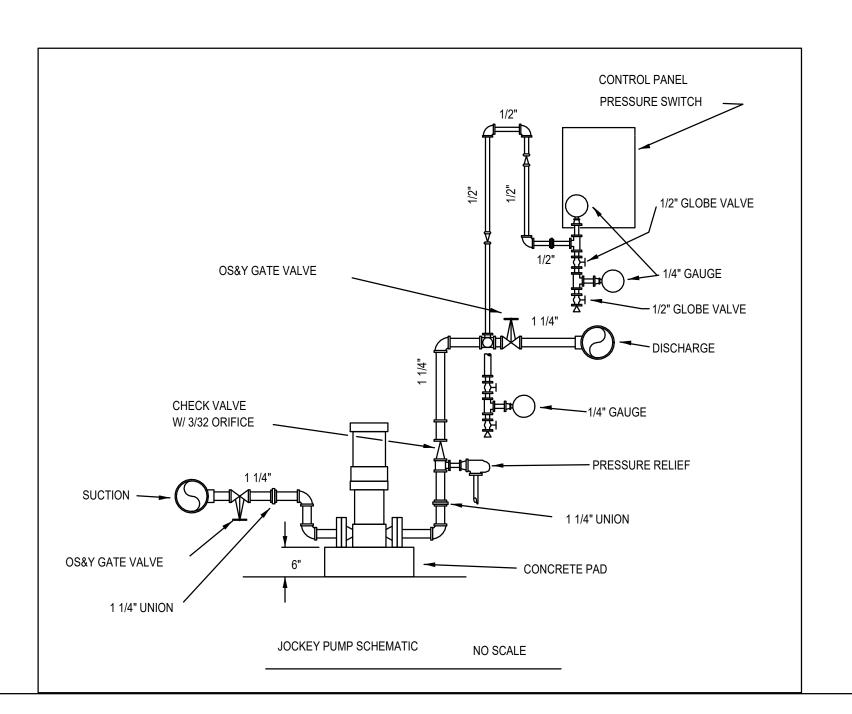


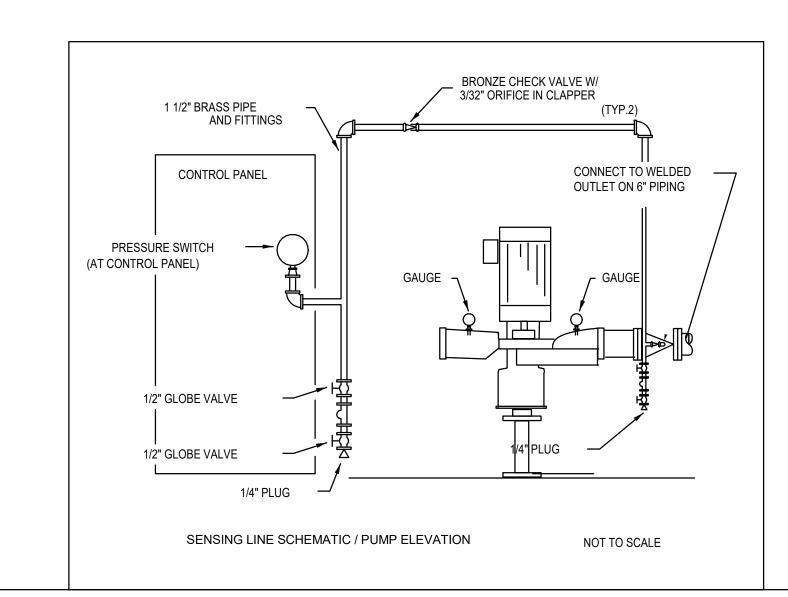
VA FORM 08-6231, OCT 1978

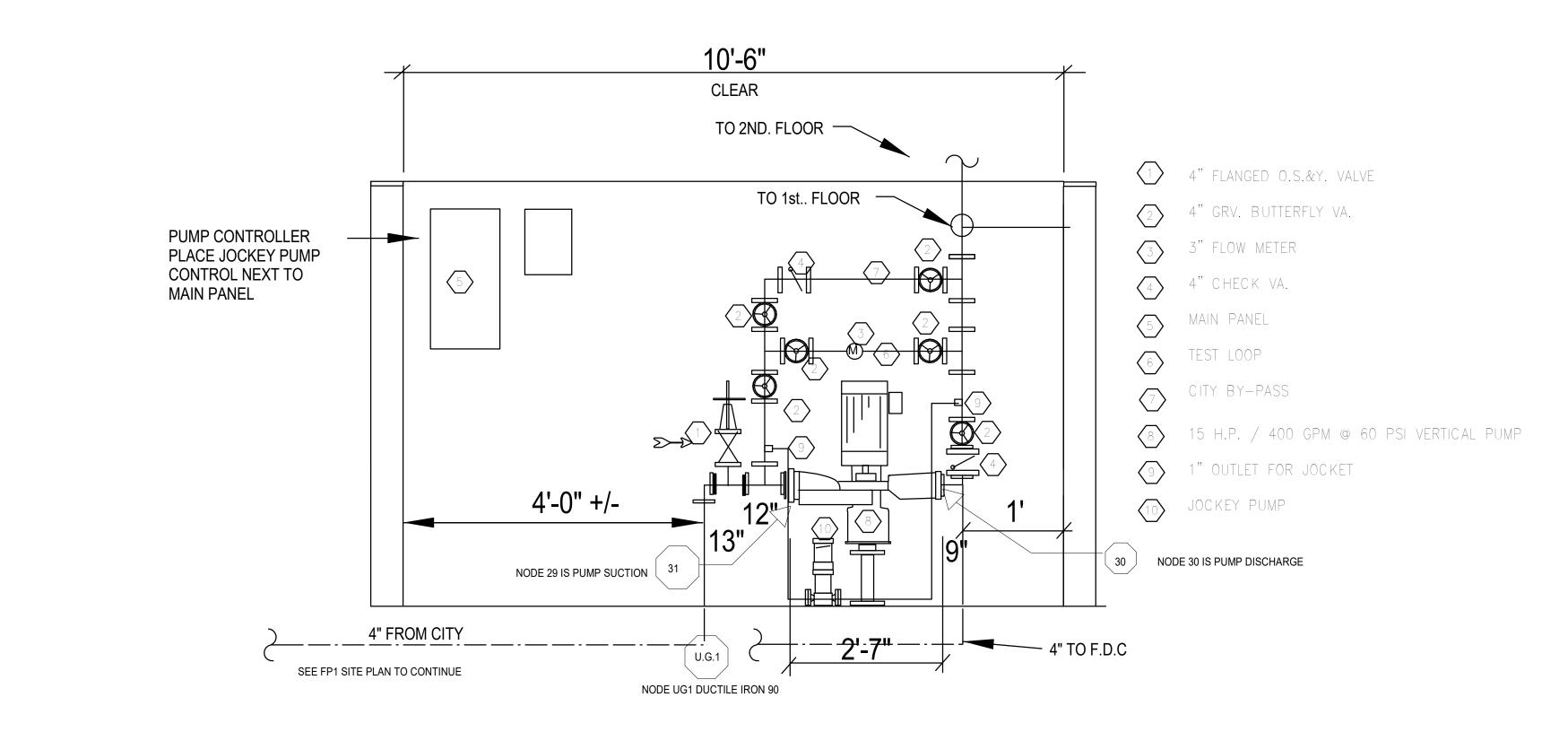


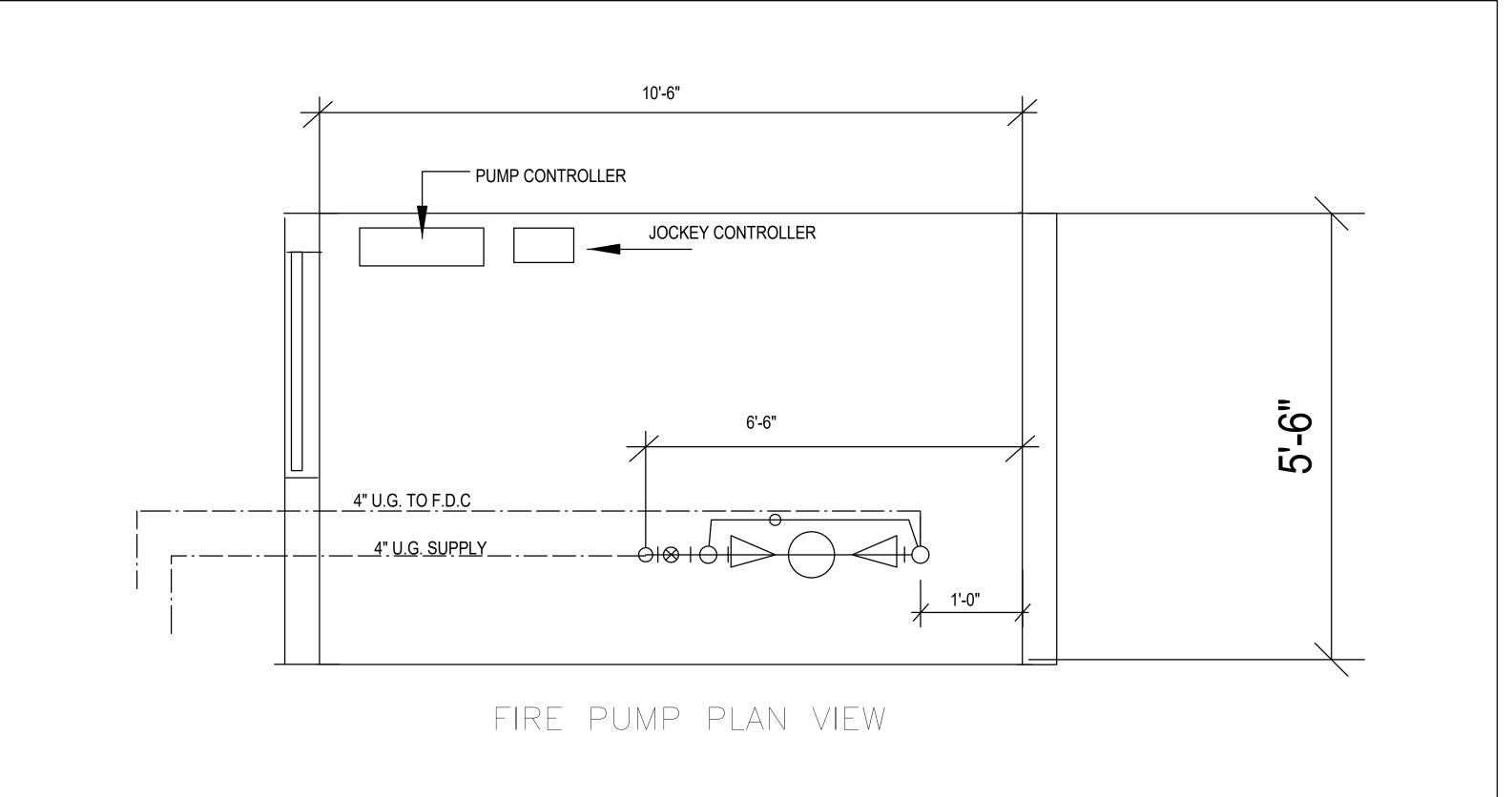
Drawing Title:

BRACE DETAILS Project Number: **CONSULTANTS: KEY PLAN STAMP** ARCHITECT/ENGINEERS: CONSTRUCT PRIMARY CARE 612-400 Office of SERVICES BLDG. Building Number: **Facilities** SACRAMENTO ENGINEERING CONSULTANTS 642 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. FINAL BID DOCUMENTS (14-251) 4/14/16 Management 100% CONSTRUCTION DOCUMENTS (14-248) 01/22/16 Approved: Project Director Drawing Number: 10555 Old Placerville Road Sacramento, CA 95827-2503 Phone: (916) 368-4468 Fax: (916) 368-4490 10535 HOSPITAL WAY, MATHER, CA 100% DESIGN DEVELOPMENT (14-244) 10/23/15 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. 50% DESIGN DEVELOPMENT (14-233) 8/21/15 www.saceng.com Department of Veterans Affairs 100% SCHEMATIC DESIGN (14-185) 3/6/15 P: (408) 287-1881 F: (408)294-3186 www.adcengineers.com | PO# 13-308-38 Dwg. Date











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	CONSULTANTS:	KEY PLAN	STAMP	ARCHITECT/ENGINEERS:	Drawing Title: FIRE PUMP	Project Title:  CONSTRUCT PRIMARY CARE	Project Number: 612-400	
FINAL BID DOCUMENTS (14-251) 4/14/16	SACRAMENTO ENGINEERING		PROFESSION CHENNESS CHENNESS CONTRACTOR	ADVANCE DESIGN  ONLY WET SIGNED DOCUMENTS CONSTITUTE ADVANCE DESIGN CONSULTANTS, INC. PROFESSIONAL WORK AND BECAUSE OTHER REPRODUIBLE DOCUMENTS MAY BE EASILAL TERED WITHOUT THE CONSENT OF ADVANCE DESIGN CONSULTANTS, INC. THE WET.	Y	SERVICES BLDG.	Building Number: <b>642</b>	Office of Facilities
100% CONSTRUCTION DOCUMENTS (14-248) 01/22/16 100% DESIGN DEVELOPMENT (14-244) 10/23/15	10555 Old Placerville Road Sacramento, CA 95827-2503 Phone: (916) 368-4468 Fax: (916) 368-4490 www.saceng.com		Ng FPF-1497  EXP. 6-30-2017	CONSULTANTS, INC., THE WET SIGNED DOCUMENTS MUST BE REFERRED TO FADVANCE 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 DOCUMENT AND ANY OTHER DOCUMENTS, THE WET SIGNED DOCUMENTS SHALL GOVERN.  ADVANCE DESIGN CONSULTANTS, INC. IS NOT RESPONSIBLE FOR ANY EXPONSIBILE FOR ANY EXPONSIBILATIONS.  ADVANCE DESIGN CONSULTANTS, INC. IS NOT RESPONSIBLE FOR ANY EXPONSIBILATIONS.	Approved: Project Director	Location: 10535 HOSPITAL WAY, MATHER, CA	Drawing Number:	Management
50% DESIGN DEVELOPMENT (14-233) 8/21/15 100% SCHEMATIC DESIGN (14-185) 3/6/15 Revisions: Date	www.saceng.com		OF CALLY	998 PARK AVENUE SAN JOSE CALIFORNIA 95126  P: (408) 287-1881 F: (408)294-3186 www.adcengineers.com  PO# 13-308-38		Date Checked Drawn GB	FP6 Dwg. of	Department of Veterans Affairs