

one eighth inch = one foot  
0 4 6 8 16  
one quarter inch = one foot  
0 4 8  
three eighths inch = one foot  
0 4 8  
one half inch = one foot  
0 8  
three quarters inch = one foot  
0 4 8  
one inch = one foot  
0 6  
one and one half inches = one foot  
0 6  
three inches = one foot  
0 6  
one foot  
0 6

## FIRE PROTECTION NOTES

ALL INSTALLATION PER N.F.P.A. #13, 2013, DSA, CBC 2010, MANUFACTURER RECOMMENDATIONS, AND LOCAL FIRE DEPT.

BUILDING FIRE SPRINKLERS TO BE DESIGNED FOR ORDINARY HAZARD GROUP 2, 0.20 GPM OVER 1500 SQ. FT. IN LAB AREA ROOMS, AND FOR LIGHT HAZARD, 0.1 GPM OVER 1500 SQ. FT. IN ATTIC.

BUILDING IS HYDRAULICALLY CALCULATED PER N.F.P.A. #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 2-1/2" AND LARGER SHALL BE SCHEDULE 10 PIPE GROOVED AND WELDED.

ALTERNATE PIPING MAY BE PERMITTED WITH PRIOR APPROVAL.

ALL ARMOVERS ARE 1" U.O.N.

ALL FIRE SPRINKLER PIPING SHALL BE TESTED AND FLUSHED PER N.F.P.A. #13 AND 24.

CONSTRUCTION IS COMBUSTIBLE OBSTRUCTED. ALL UPRIGHT SPRINKLER HEADS SHALL BE INSTALLED 12" MAX. BELOW ROOF INSULATION. SPRINKLERS ARE SPACED WITH MAX. COVERAGE OF 130 SQ. FT THROUGHOUT ALL ROOMS AND LAB. 15 FT. MAX. DISTANCE. 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 NO PIPING SHALL BE CONCEALED WITHOUT THE APPROVAL OF BOTH THE BUILDING AND FIRE INSPECTOR

IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO FIELD VERIFY ALL EXISTING CONDITIONS AND DETERMINE LENGTHS AND QUANTITIES NEEDED TO INSTALL A FULLY OPERATIONAL FIRE PROTECTION SYSTEM.

CONTRACTOR SHALL PROVIDE SHOP DRAWNGS FOR SUBMITTAL TO AUTHORITY HAVING JURISDICTION FOR APPROVAL.

## LIST OF CODES AND STANDARDS MODEL CODE EDITIONS EFFECTIVE JANUARY 1, 2015

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.

2013 NFPA 13 ENTIRELY

## FIRE SPRINKLER SYSTEM GENERAL PLAN REVIEW NOTES

1. WATER SUPPLY COMPONENTS, SUCH AS WATER TANKS, FIRE PUMPS, ETC., ALONG WITH THE ORIGINAL WATER SUPPLY TESTING DATE.
2. 2013 NFPA 13 SEC. 8.15.12.2: 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 INSPECTOR).
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 25.5.3.3.6: 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 CBC 903.4: CONNECTIONS TO PROTECTED PREMISES AND SUPERVISING STATION FIRE ALARM SYSTEMS SHALL BE TESTED TO VERIFY PROPER IDENTIFICATION AND TRANSMISSION OF ALARMS FROM AUTOMATIC FIRE EXTINGUISHING SYSTEMS. (WITNESSED BY PROJECT INSPECTOR.)
11. 2013 CFC CHAPTER 5: SIGNAGE SHALL BE PROVIDED AS REQUIRED, INDICATING "RISER ROOM IDENTIFICATION".
12. 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.
13. 2013 NFPA 13 SEC. 24.5: A PERMANENT HYDRAULIC CALCULATIONS DESIGN DATA PLACARD SHALL BE ATTACHED TO EACH RISER.
14. 2013 NFPA 13 SEC. 6.9.1 AND 2007 CBC 903.4.2: FLOW SWITCH SHALL BE CONNECTED TO A 10 INCH OUTSIDE ALARM BELL OR OTHER AUDIBLE DEVICE AT EACH RISER. APPROVED IDENTIFICATION SIGNS SHALL BE PROVIDED ON THE OUTSIDE ALARM BELL. "SPRINKLER FIRE ALARM – WHEN ALARM SOUNDS CALL 911 / FIRE DEPT".
15. 2013 NFPA 13 SEC. 24, 5.2: A LABEL OF THE SELF-ADHESIVE TYPE SHALL BE PLACED ON THE FIRE DEPT. CONNECTION OR ON THE RISER FOR FIRE SPRINKLER SYSTEM AND SHALL INCLUDE THE DATE OF INSTALLATION AND/OR DATE SERVICE WAS PERFORMED AND LICENSE NUMBER OF PERSON PERFORMING SERVICE WORK.
16. 2013 NFPA 13 CHAPTER 24: 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.

## WATER FLOW TEST

WATER SUPPLY INFORMATION:  
MRI EXPANSION IS APPROXIMATELY 1000 SQ. FT. OF AREA.

THE EXISTING BUILDING IS SUPPLIED WITH A FIRE PUMP, STANDPIPES AND SPRINKLERS THROUGHOUT.

THE NEW MRI EXPANSION SPRINKLERS ARE TIED INTO AN EXISTING 3" MAIN IN THE ADJACENT CORRIDOR.

THE CROSS MAIN ON THIS FLOOR IS LOOPED WITH 2 STANDPIPES HAVING SEPARATE CONTROL VALVES SUPPLYING EACH FLOOR SPRINKLER SYSTEM.

STANDPIPE IN STAIRWELL NO. 1 HAS A READING OF 104 PSI AT 393 GPM FLOWING.

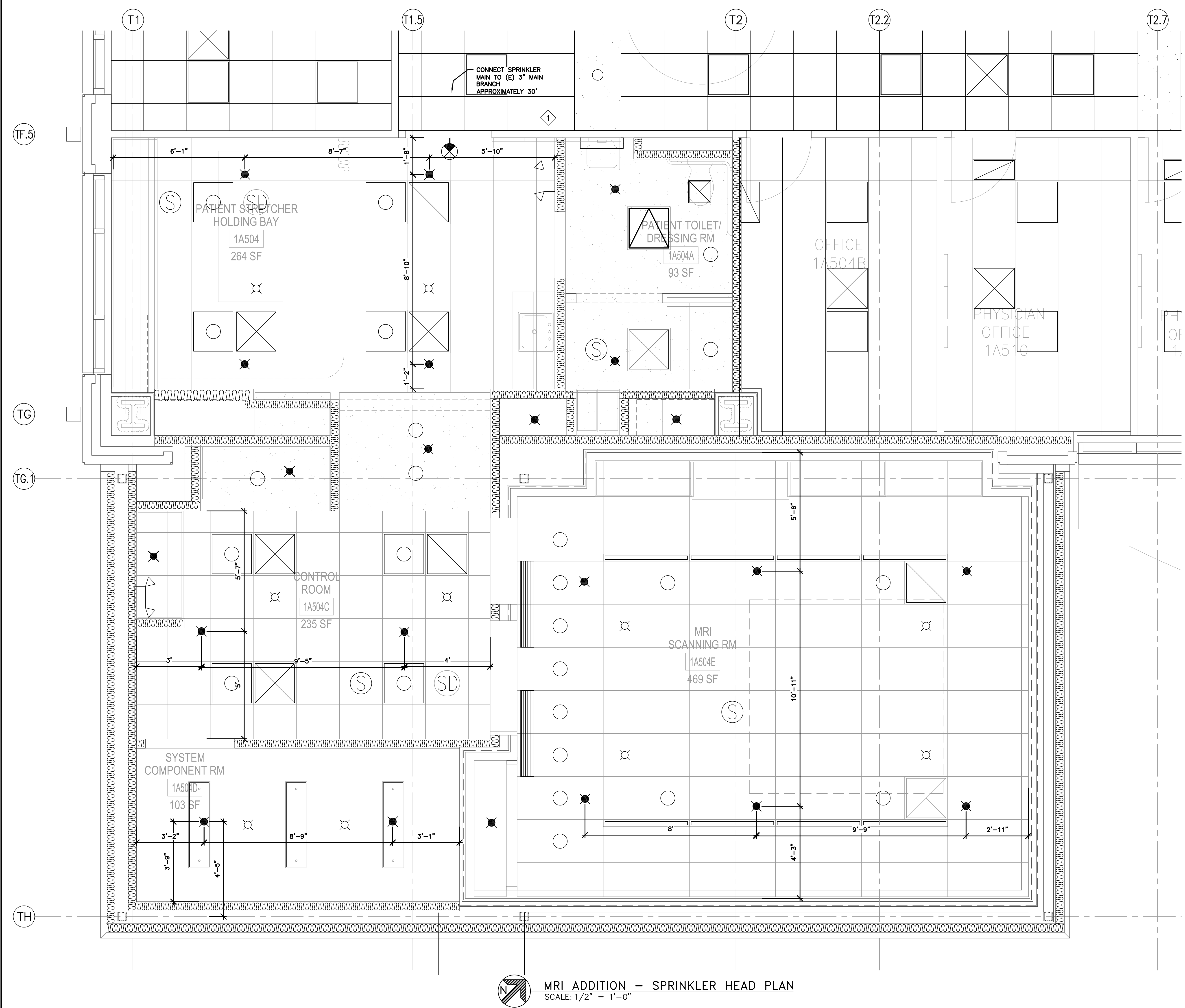
SINCE THE MRI T.I. IS ADJACENT TO THIS STANDPIPE, THIS STANDPIPE WAS USED AS THE SOURCE NODE.

SYSTEM DEMAND IS:  
395.5 GPM @ 75.5 PSI  
INCLUDING 100 GPM INSIDE HOSE.

## FINAL BID DOCUMENTS

		CONSULTANTS:		STAMP:		ARCHITECT/ENGINEERS:		Drawing Title		Project Title		Project Number		Office of Construction and Facilities Management  Department of Veterans Affairs	
								FIRE SPRINKLER GENERAL NOTES		MRI PROPOSED EXPANSION		612A4-14-014			
FINAL BID DOCUMENTS (14-236)		9/25/15										Building Number 700			
100% CONSTRUCTION DOCUMENTS (14-230)		7/30/15										Drawing Number FS-100			
50% CONSTRUCTION DOCUMENTS (14-220)		7/2/15						Approved Project Director VAPAHCS PLANNING AND ENGINEERING		Location 10535 HOSPITAL WAY MATHER CA		Dwg. 1 of 5			
100% DESIGN DEVELOPMENT (14-216)		5/29/15						Date 8/17/15		Checked RH		Drawn GB			
50% DESIGN DEVELOPMENT (14-199)		4/10/15													
ISSUE FOR 100% S.D. REVIEW (14-181)		2/20/15													
ISSUE FOR 50% S.D. REVIEW (14-126)		12/9/14													
Revisions		Date													

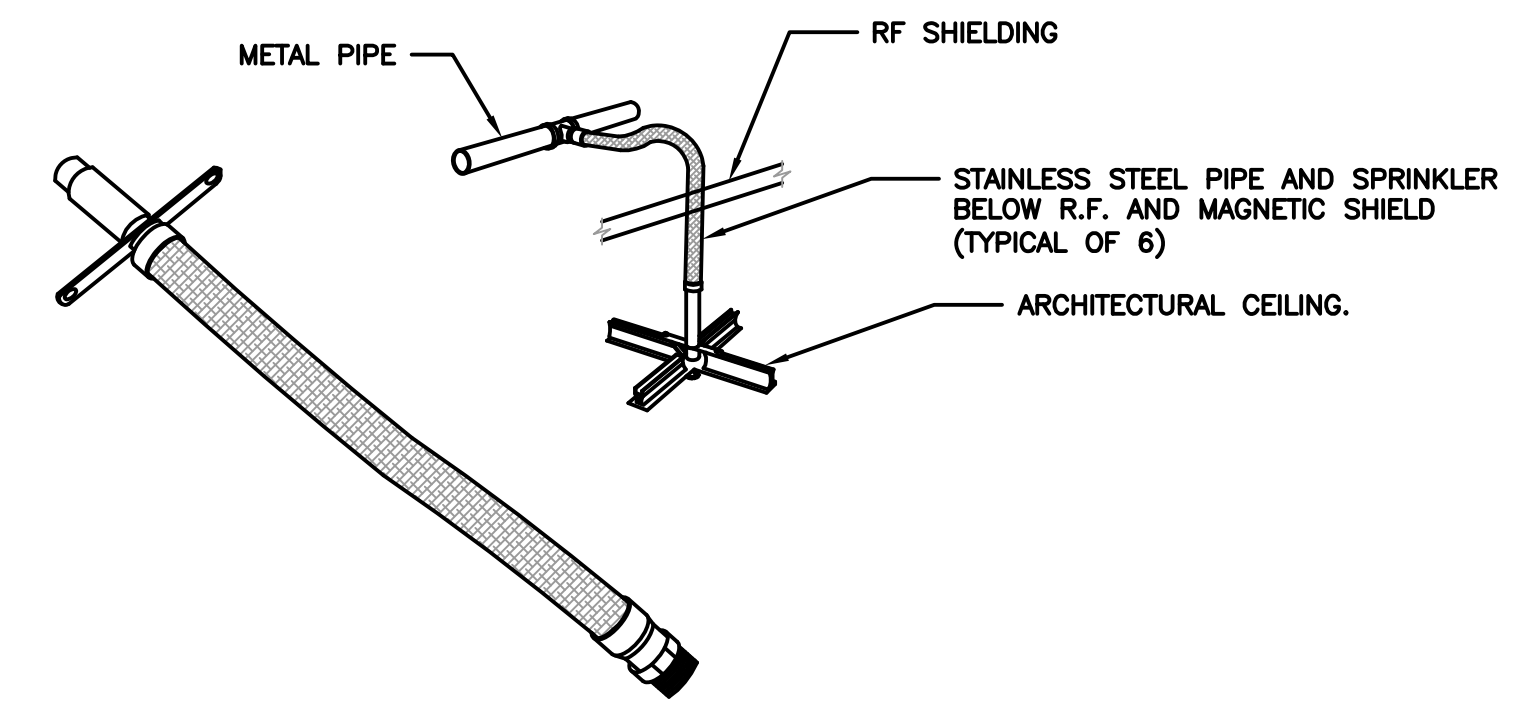
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one inch = one foot  
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one half inch = one foot  
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one quarter inch = one foot  
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SHEET NOTES:

- 1 NEW SPRINKLER SYSTEM SHALL BE ENGINEERED PER NFPA 13 AND HYDRAULICALLY CALCULATED TO PROVIDE COVERAGE IN ENTIRE PROJECT AREA.
- 2 CONTRACTOR SHALL REVIEW SHIELDING REQUIREMENTS AND PROVIDE COVERAGE ABOVE AND BELOW MAGNETIC AND RF SHIELDS.
- 3 CONTRACTOR SHALL COORDINATE THE LOCATION OF CEILING SPRINKLERS WITH LIGHT FIXTURES, HELIUM EXHAUST, AIR DIFFUSERS, REGISTERS AND OTHER DEVICES ANCILLARY TO MRI EQUIPMENT.
- 4 PROVIDE SPRINKLERS ON BOTH SIDES OF ENTRY DOORS.
- 5 PROVIDE SPRINKLERS HEADS IN PLENUM SPACES BOX-IN CHASES, VOIDS AND INTERSTICE.
- 6 PIPE PENETRATIONS THROUGH RF AND MAGNETIC SHIELDS SHOULD BE MINIMIZED AND PROTECTED. AVOID USE OF IRON PIPES IN SHIELDED AREAS AND USE STAINLESS STEEL.

SPRINKLERS LEGEND						
SYMBOL	MAKE & MODEL	ORIF	K	TEMP	FINISH	CANOPY
	TOLCO TY 3231 RECESSED PENDANT Q.R.	1/2"	5.6	155	CHROME	CHROME
TOTAL SPRINKLERS THIS SHEET						22



1 STAINLESS STEEL FLEXIBLE FIRE SPRINKLER DROP  
SCALE: N.T.S.

FINAL BID DOCUMENTS

FINAL BID DOCUMENTS (14-236)	9/25/15
100% CONSTRUCTION DOCUMENTS (14-230)	7/30/15
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ISSUE FOR 50% S.D. REVIEW (14-126)	12/9/14

Revisions: \_\_\_\_\_ Date: \_\_\_\_\_

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Job No. 15645

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ARCHITECT/ENGINEERS:

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998 PARK AVENUE SAN JOSE CALIFORNIA 95128  
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POW 14-308-41

Drawing Title  
**FIRE SPRINKLER REFLECTED CEILING PLAN**

Approved: Project Director  
VAPAHCS PLANNING AND ENGINEERING

Project Title  
**MRI PROPOSED EXPANSION**

Location  
10535 HOSPITAL WAY MATHER CA

Date  
8/17/15

Checked  
RH

Drawn  
GB

Project Number  
612A4-14-014

Building Number  
700

Drawing Number  
**FS-101**

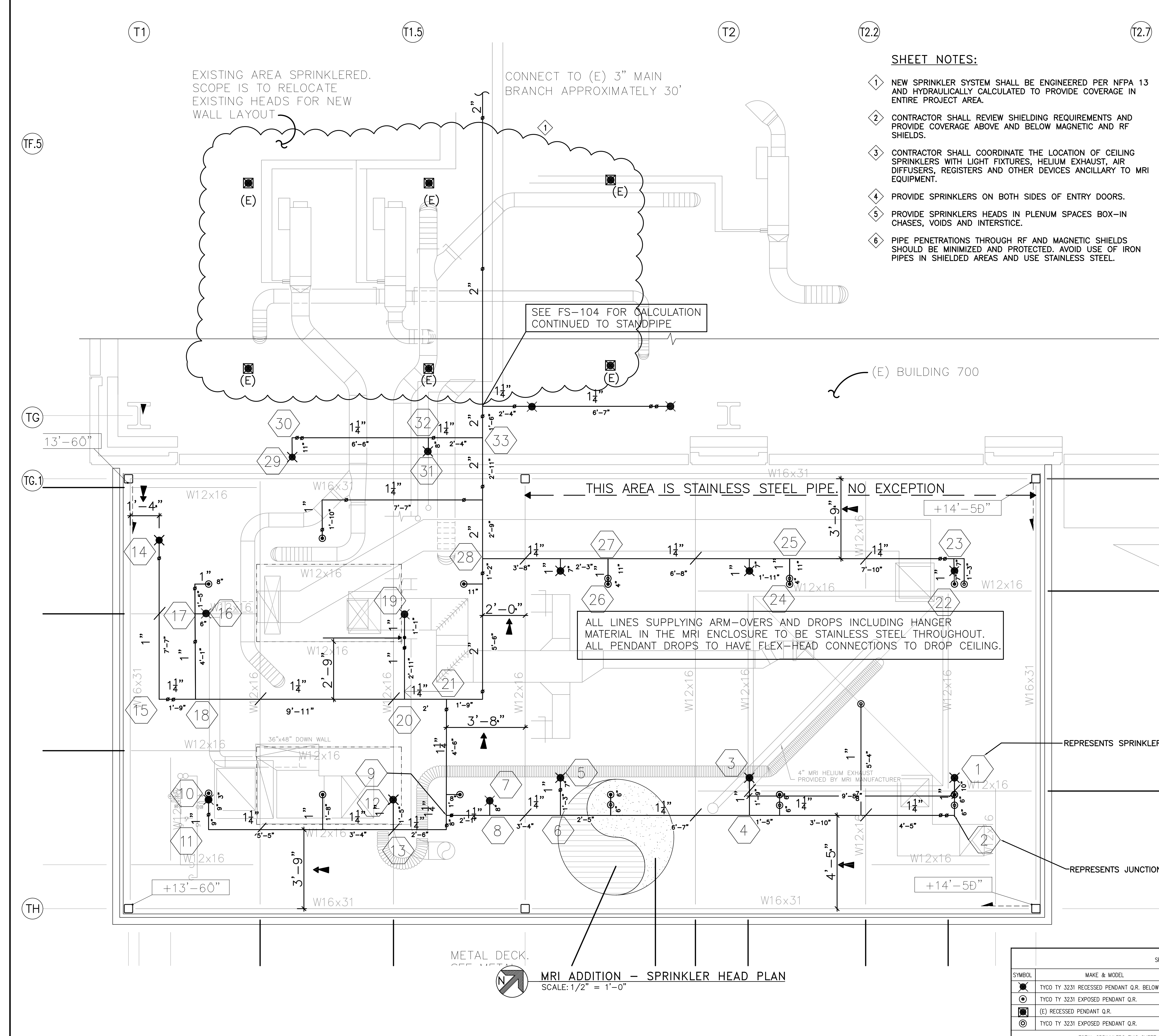
Dwg. 1 of 5

Office of Construction and Facilities Management

Department of Veterans Affairs



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one inch = one foot  
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- SHEET NOTES:**
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  - 4 PROVIDE SPRINKLERS ON BOTH SIDES OF ENTRY DOORS.
  - 5 PROVIDE SPRINKLERS HEADS IN PLENUM SPACES BOX-IN CHASES, VOIDS AND INTERSTICE.
  - 6 PIPE PENETRATIONS THROUGH RF AND MAGNETIC SHIELDS SHOULD BE MINIMIZED AND PROTECTED. AVOID USE OF IRON PIPES IN SHIELDED AREAS AND USE STAINLESS STEEL.

**HANDER DETAILS:**

FIG. 69 RETAINING STRAP  
FIG. 65 BEAM CLAMP  
FIG. 100 ALL-THREAD ROD  
FIG. 200 ADJUSTABLE RING HANGER  
VIEW A-A  
TOP BEAM CLAMP, ROD, AND RING  
PIPE HANGER

TOLCO FIG. 25 SURGE RESTRAINER  
TYPE 1 - FOR 1" AND 1-1/4" PIPE AND HANGER  
TYPE 2 - FOR 1-1/2" AND 2" PIPE AND HANGER

TOLCO FIG. 25 IS DESIGNED TO BE USED ONLY WITH TOLCO BAND HANGERS FIG. 200 AND 2NPPA TO RESTRAIN THE UPWARD MOVEMENT OF PIPE AS IT OCCURS DURING SPRINKLER HEAD ACTIVATION OR SEISMIC ACTIVITY

FIGURE 25 SURGE RESTRAINER  
FOR STEEL OR CPVC PLASTIC PIPE  
AT END OF ALL LINES

HILTI WEDGE ANCHOR HDI-L+ 2" IMBED  
TOLCO FIG. 75  
RESTRAINT ROD (r=400)  
SXP 20 RESTRAINT FOR 22 GA. METAL DECK  
BRANCHLINE RESTRAINT SIMILAR AT STEEL BEAMS WITH C-CLAMP

MIN. 3/4" FROM EDGE  
3/8" ROD COUPLING  
HILTI KWIK BOLT T2  
3/8" ALL THREAD ROD  
ADJUSTABLE RING HANGER

WF BEAM  
TIGHT AS POSSIBLE  
STANDARD PENDANT ATTIC COVERAGE  
RF SHIELDING  
STANDARD PENDANT  
SUSPENDED ACOUSTICAL CEILING  
RECESSED PENDANT SPRINKLER  
TYP. INSTALLATION FOR ABOVE CEILING INSTALLATION OVER MRI ROOM

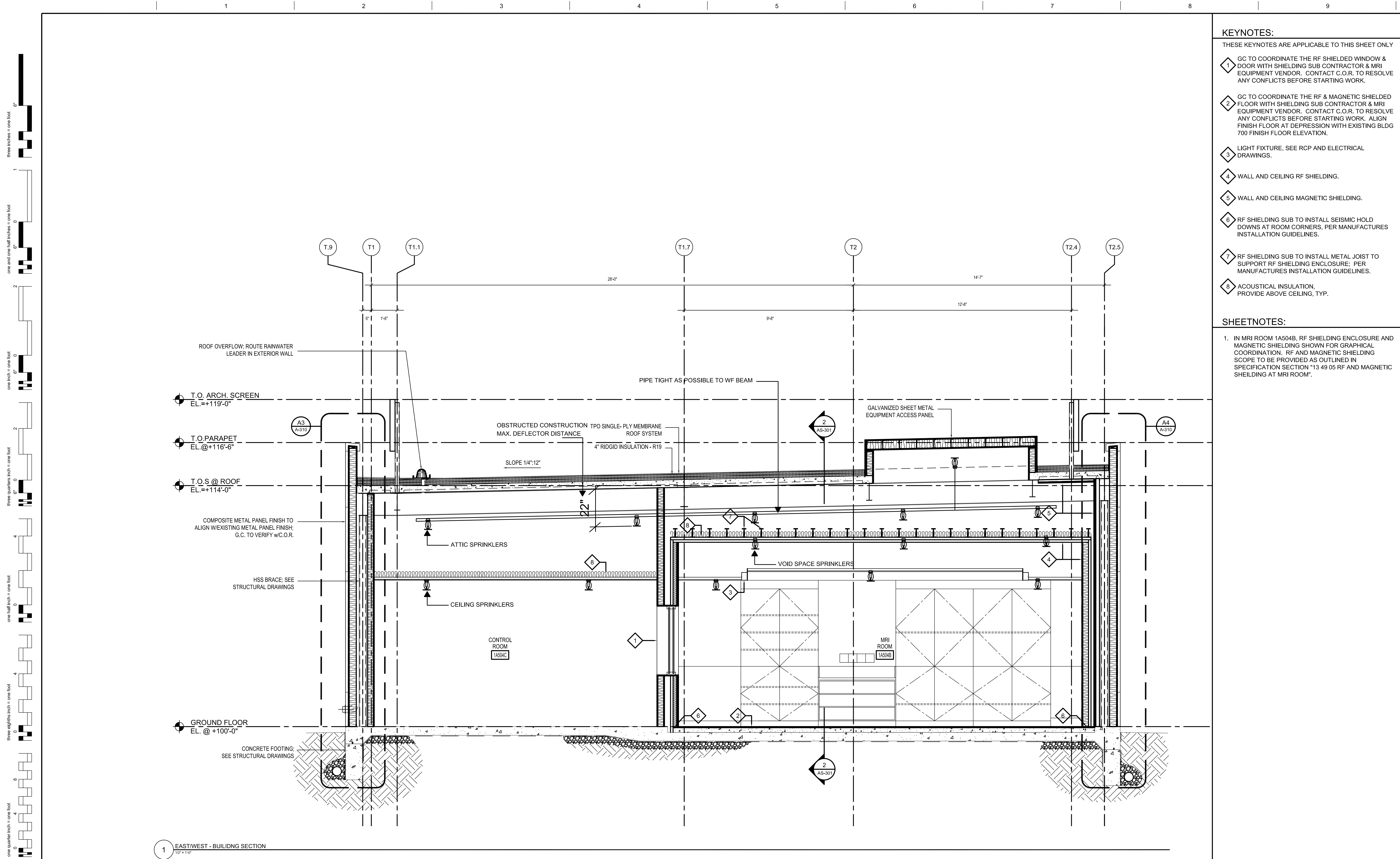
TYPICAL BRANCHLINE  
1" STEEL PIPE ARM-OVER  
1" STEEL PIPE DROP  
1" COUPLING  
BRAIDED STAINLESS STEEL UL-LISTED FLEXIBLE CONNECTOR, ADD EQUIVALENT LENGTH OF 820" RIPPING TO HYDRAULIC CALCULATIONS  
FLEXIBLE CONNECTOR CEILING TILE BRACKET  
SUSPENDED CEILING

**FLEXIBLE SPRINKLER CONNECTION**  
NTS  
CALCS INCLUDE 11 EQUIVALENT FEET FOR FLEX-DROP

SYMBOL	MAKE & MODEL	ORIF	K	TEMP	FINISH	CANOPY	QTY
●	TYCO TY 3231 RECESSED PENDANT Q.R. BELOW CEILING.	1/2"	5.6	155	CHROME	CHROME	16
⊙	TYCO TY 3231 EXPOSED PENDANT Q.R.	1/2"	5.6	200	BRASS	N/A	12
⊙	(E) RECESSED PENDANT Q.R.						6
⊙	TYCO TY 3231 EXPOSED PENDANT Q.R.	1/2"	5.6	200	BRASS	N/A	6
TOTAL SPRINKLERS THIS SHEET							40

FINAL BID DOCUMENTS NOT FOR CONSTRUCTION

<b>CONSULTANTS:</b> FINAL BID DOCUMENTS (14-236) 9/25/15 100% CONSTRUCTION DOCUMENTS (14-230) 7/30/15 50% CONSTRUCTION DOCUMENTS (14-220) 7/2/15 100% DESIGN DEVELOPMENT (14-216) 5/29/15 50% DESIGN DEVELOPMENT (14-199) 4/10/15 ISSUE FOR 100% S.D. REVIEW (14-181) 2/20/15 ISSUE FOR 50% S.D. REVIEW (14-126) 12/9/14 Revisions: _____ Date: _____	<b>STAMP:</b> SACRAMENTO ENGINEERING CONSULTANTS 10255 Old Riverdale Road Sacramento, CA 95827-2053 Phone: (916) 368-4468 Fax: (916) 368-4490 www.secong.com Job No. _____ Date Signed: September 23, 2015	<b>ARCHITECT/ENGINEERS:</b> ADVANCE DESIGN CONSULTANTS, INC. 999 PARK AVENUE SAN JOSE CALIFORNIA 95128 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 EARLY ALTERED WITHOUT THE CONSENT OF ADVANCE DESIGN CONSULTANTS, INC. THE WET SIGNED DOCUMENTS MUST BE REFERENCED TO THE ORIGINALS 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. PO# 14-308-41	<b>Drawing Title</b> FIRE SPRINKLER PIPING PLAN <b>Approved: Project Director</b> VAPAHCS PLANNING AND ENGINEERING	<b>Project Title</b> MRI PROPOSED EXPANSION <b>Location</b> 10535 HOSPITAL WAY MATHER CA <b>Date</b> 8/17/15 <b>Checked</b> RH <b>Drawn</b> GB	<b>Project Number</b> 612A4-14-014 <b>Building Number</b> 700 <b>Drawing Number</b> FS-102 Dwg. 1 of 5	<b>Office of Construction and Facilities Management</b> Department of Veterans Affairs
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- KEYNOTES:**
- THESE KEYNOTES ARE APPLICABLE TO THIS SHEET ONLY
- GC TO COORDINATE THE RF SHIELDED WINDOW & DOOR WITH SHIELDING SUB CONTRACTOR & MRI EQUIPMENT VENDOR. CONTACT C.O.R. TO RESOLVE ANY CONFLICTS BEFORE STARTING WORK.
  - GC TO COORDINATE THE RF & MAGNETIC SHIELDED FLOOR WITH SHIELDING SUB CONTRACTOR & MRI EQUIPMENT VENDOR. CONTACT C.O.R. TO RESOLVE ANY CONFLICTS BEFORE STARTING WORK. ALIGN FINISH FLOOR AT DEPRESSION WITH EXISTING BLDG 700 FINISH FLOOR ELEVATION.
  - LIGHT FIXTURE, SEE RCP AND ELECTRICAL DRAWINGS.
  - WALL AND CEILING RF SHIELDING.
  - WALL AND CEILING MAGNETIC SHIELDING.
  - RF SHIELDING SUB TO INSTALL SEISMIC HOLD DOWNS AT ROOM CORNERS, PER MANUFACTURES INSTALLATION GUIDELINES.
  - RF SHIELDING SUB TO INSTALL METAL JOIST TO SUPPORT RF SHIELDING ENCLOSURE; PER MANUFACTURES INSTALLATION GUIDELINES.
  - ACOUSTICAL INSULATION, PROVIDE ABOVE CEILING, TYP.

- SHEETNOTES:**
- IN MRI ROOM 1A504B, RF SHIELDING ENCLOSURE AND MAGNETIC SHIELDING SHOWN FOR GRAPHICAL COORDINATION. RF AND MAGNETIC SHIELDING SCOPE TO BE PROVIDED AS OUTLINED IN SPECIFICATION SECTION "13 49 05 RF AND MAGNETIC SHIELDING AT MRI ROOM".

## FINAL BID DOCUMENTS

		<b>CONSULTANTS:</b>		<b>STAMP:</b>		<b>ARCHITECT/ENGINEERS:</b>		<b>Drawing Title</b> <b>FIRE SPRINKLER SECTION EAST/WEST</b>		<b>Project Title</b> <b>MRI PROPOSED EXPANSION</b>		<b>Project Number</b> <b>612A4-14-014</b>		<b>Office of Construction and Facilities Management</b>			
FINAL BID DOCUMENTS (14-236)		9/25/15		 SACRAMENTO ENGINEERING CONSULTANTS 10555 Old Placerette Road Sacramento, CA 95827-2903 Phone: (916) 365-4468 Fax: (916) 365-4490 www.adceng.com JOB NO. 10545		 Date Signed: September 23, 2015		<b>ATTENTION:</b>  ONLY THE SIGNED DOCUMENTS CONSTITUTE ADVANCE DESIGN CONSULTANTS, INC. PROFESSIONAL WORK AND RELEASE OTHER REPRESENTATIVE DOCUMENTS MAY BE EMBEDED IN THIS DRAWING. ANY CHANGES TO THE SIGNED DOCUMENTS MUST BE REFERRED TO THE ORIGINAL AND CORRECT INFORMATION BEING THE ONE SET FORTH IN THE SIGNED DOCUMENTS AND ANY OTHER DOCUMENTS. THE 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. <b>PO# 14-00541</b>		<b>Approved Project Director</b> <b>VAPAHCS PLANNING AND ENGINEERING</b>		<b>Location</b> <b>10535 HOSPITAL WAY</b> <b>MATHER CA</b>				<b>Building Number</b> <b>700</b>	
100% CONSTRUCTION DOCUMENTS (14-230)		7/30/15				998 PARK AVENUE SAN JOSE CALIFORNIA 95128 P: (408) 287-1881 F: (408) 294-3186 www.adcengineers.com				<b>Date</b> 8/17/15		<b>Checked</b> RH		<b>Drawn</b> GB		 <b>Department of Veterans Affairs</b>	
50% CONSTRUCTION DOCUMENTS (14-220)		7/2/15															
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<b>Revisions:</b>		<b>Date</b>															






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Revisions	Date

CONSULTANTS:	
	
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448 No.	

STAMP:	
	
Date Signed: September 23, 2015	

ARCHITECT/ENGINEERS:	
	
888 PARK AVENUE SAN JOSE, CALIFORNIA 95126 P: (408) 287-1881 F: (408) 294-3166 www.adcengineers.com	
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Drawing Title	FIRE SPRINKLER CALC REFERENCE
Approved Project Director	VAPAHS PLANNING AND ENGINEERING

Project Title	MRI PROPOSED EXPANSION
Location	10535 HOSPITAL WAY MATHER CA
Date	8/7/15
Checked	RH
Drawn	GB

Project Number	612A4-14-014
Building Number	700
Drawing Number	FS-104
Dwg. 1 of 5	

Office of Construction and Facilities Management	
Department of Veterans Affairs	