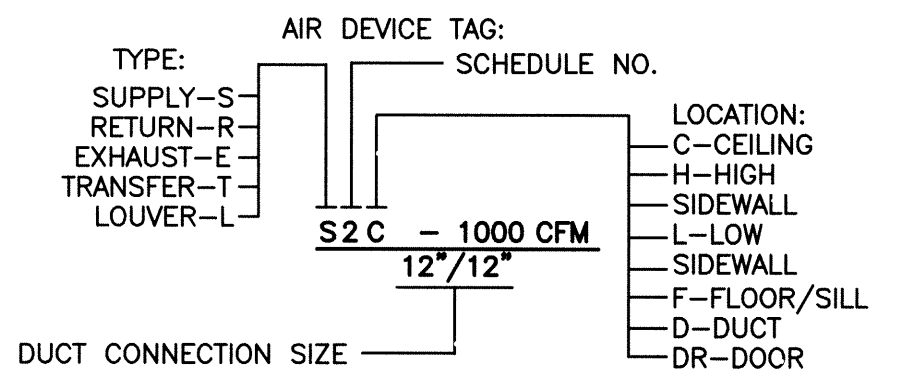
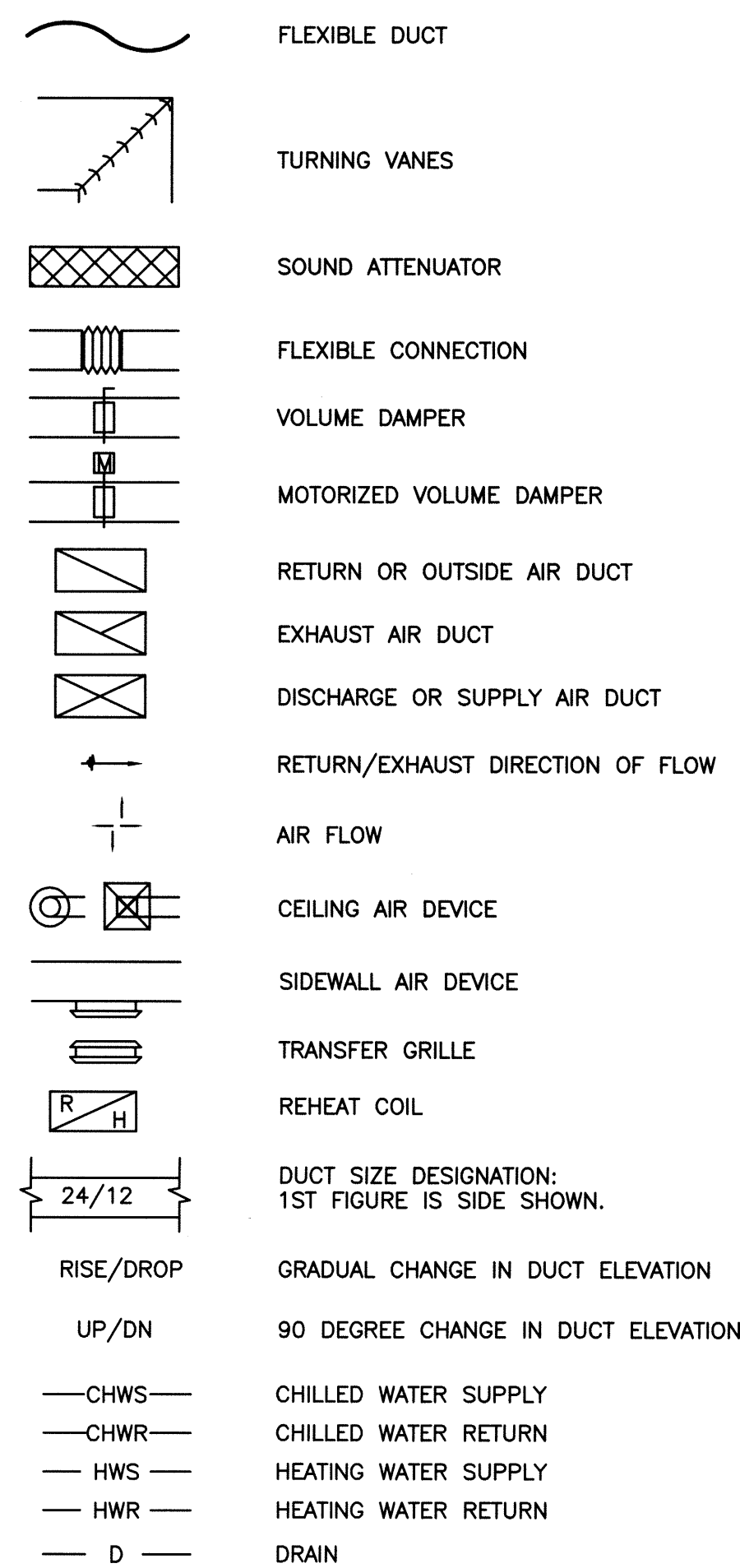
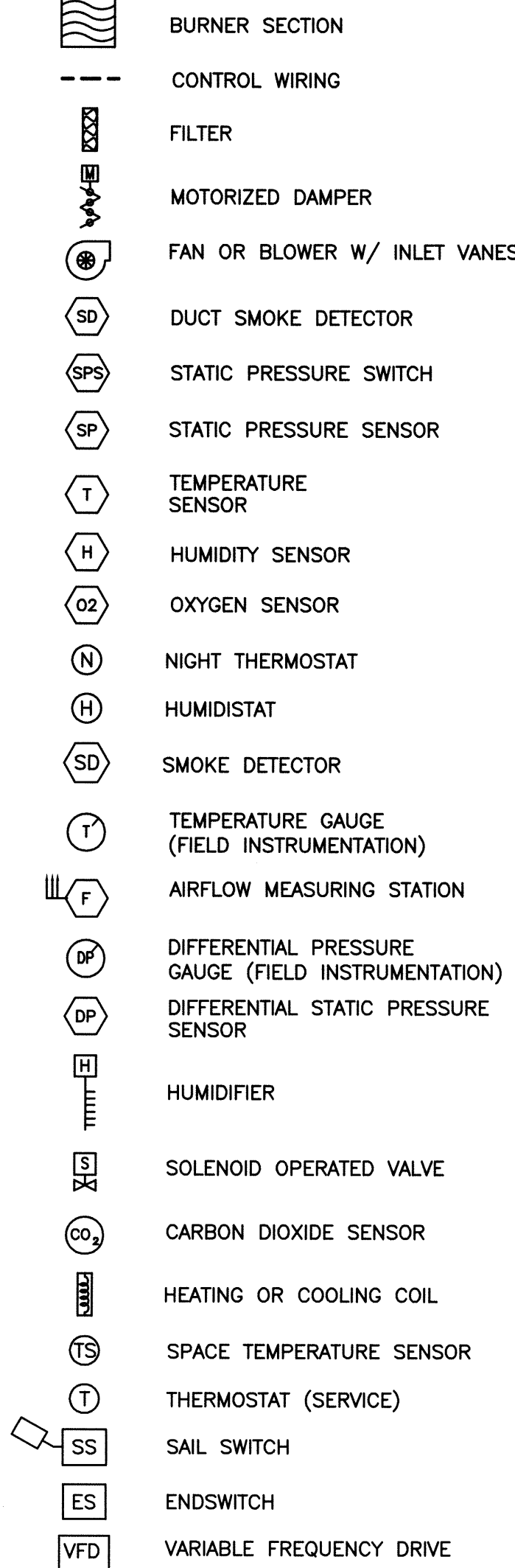


FIRE PROTECTION/MECHANICAL/ELECTRICAL SYMBOLS

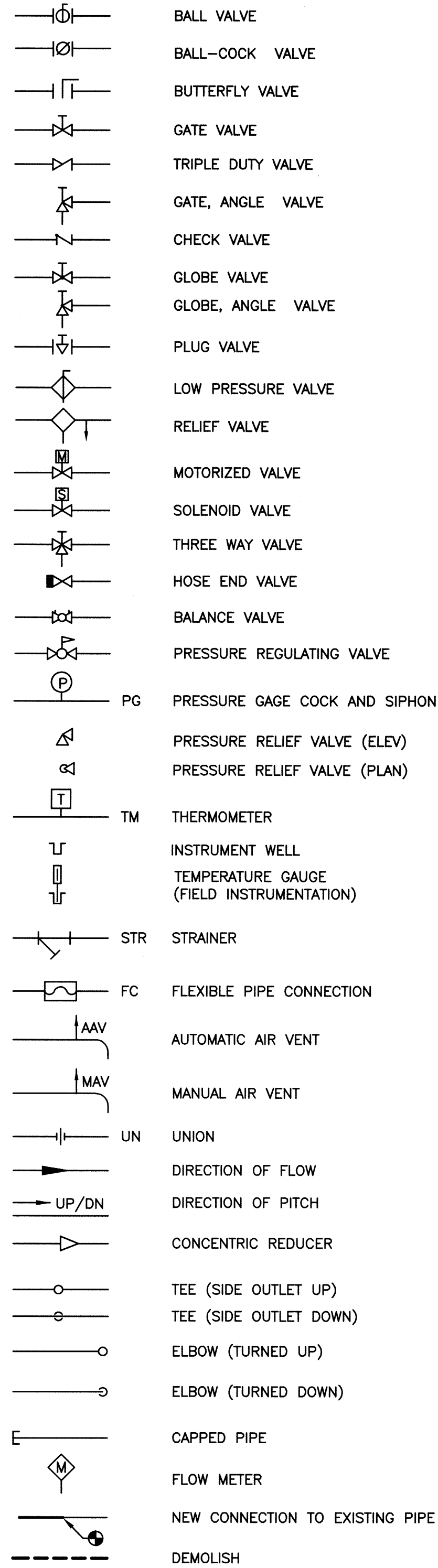
HEATING AND AIR CONDITIONING



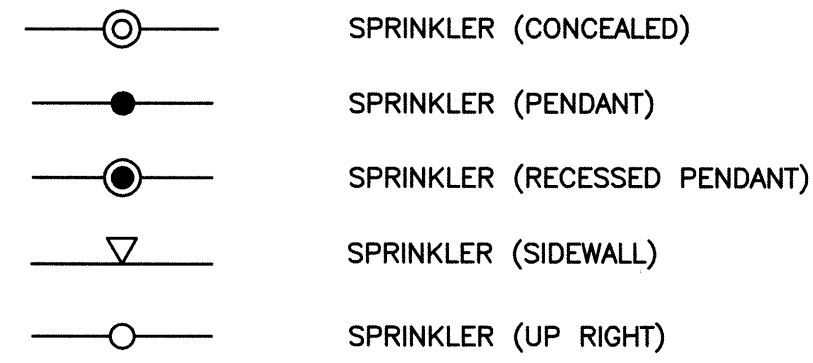
HVAC CONTROLS



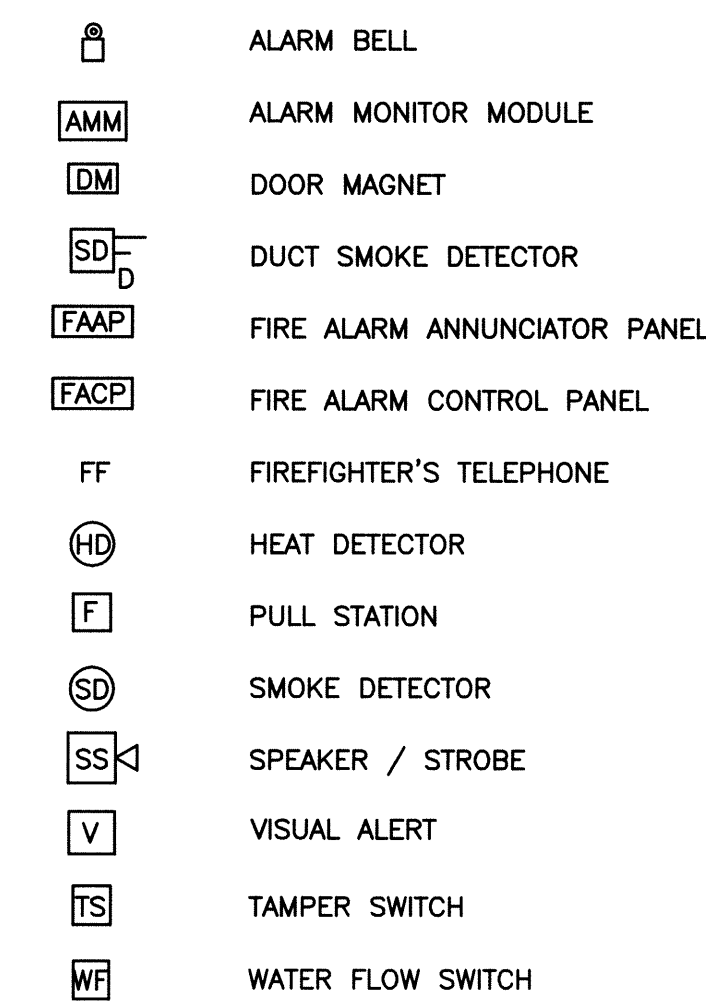
PIPING SPECIALTIES



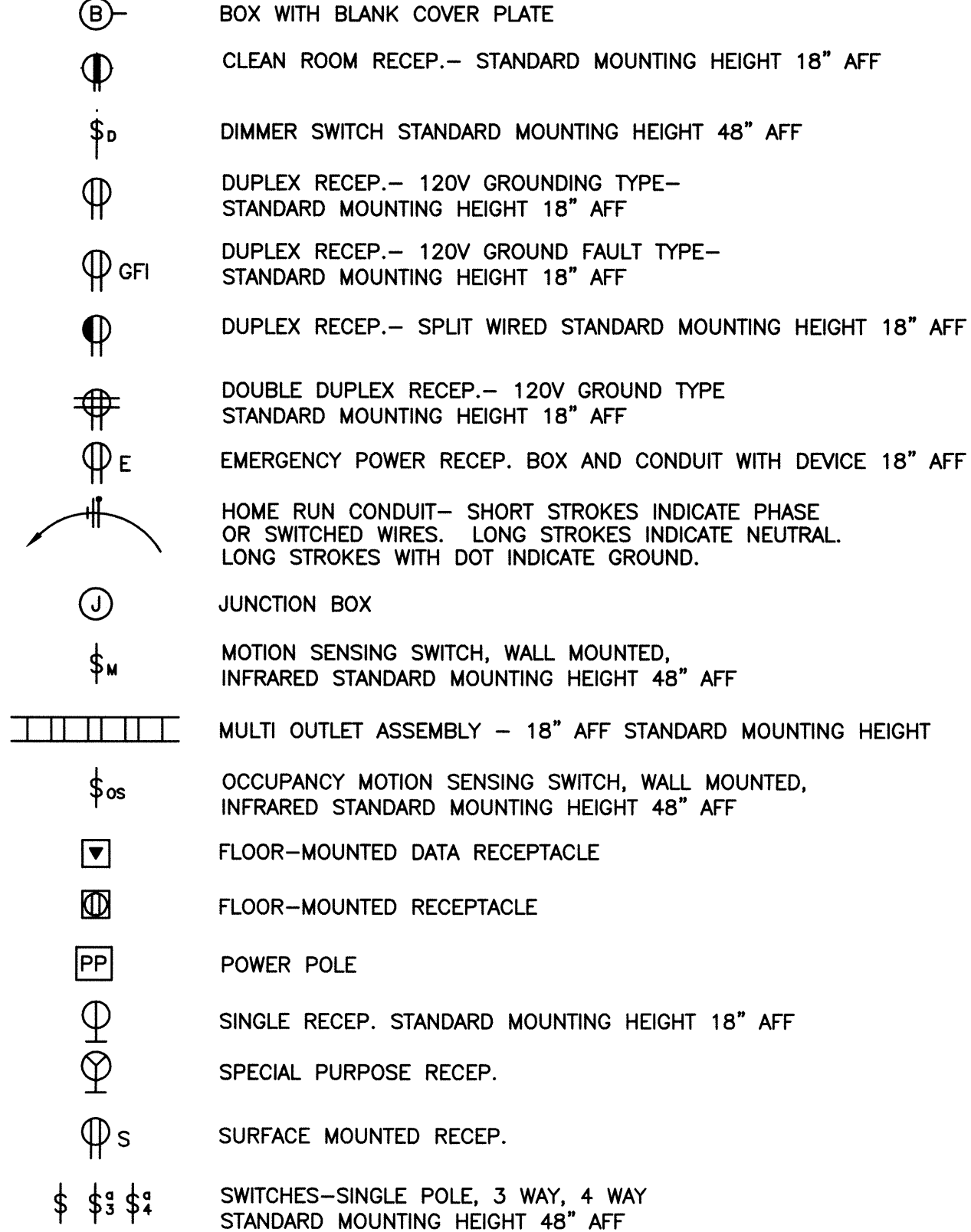
FIRE PROTECTION



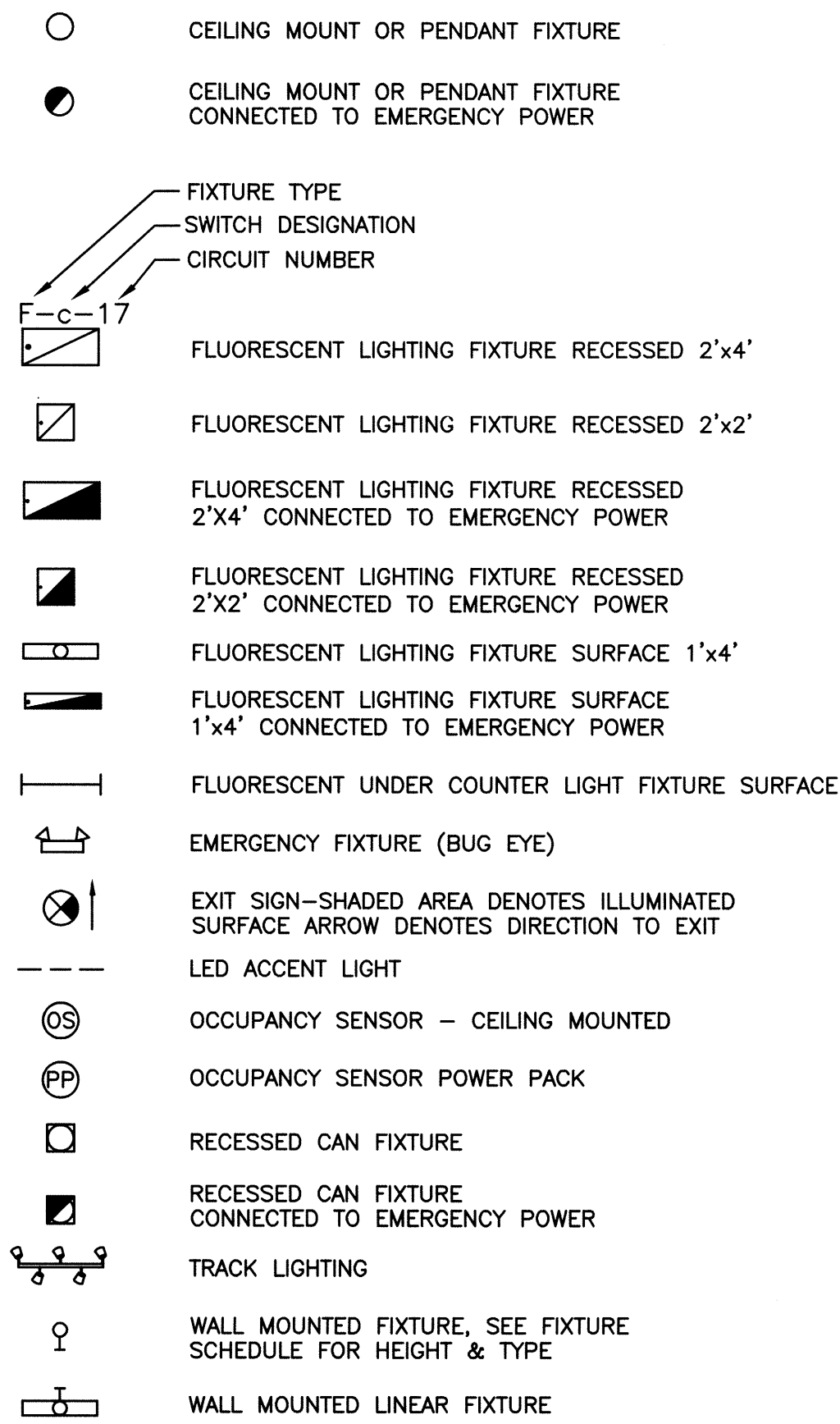
FIRE ALARM



WIRING DEVICES



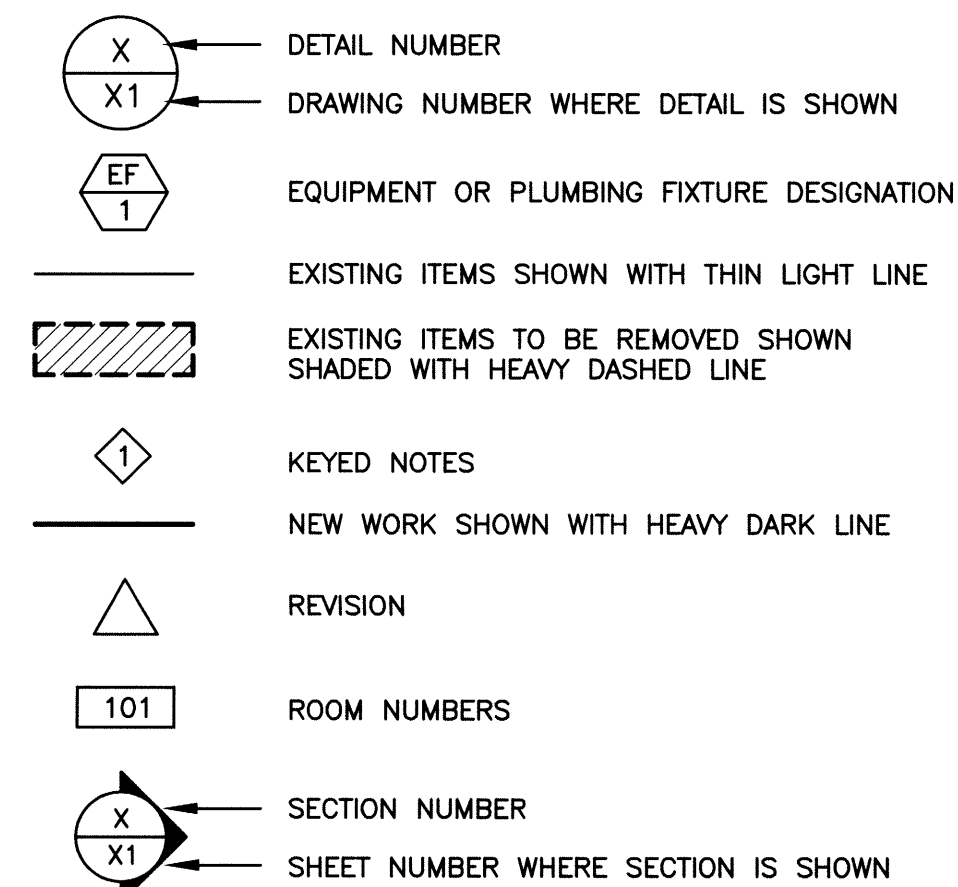
LIGHTING FIXTURES



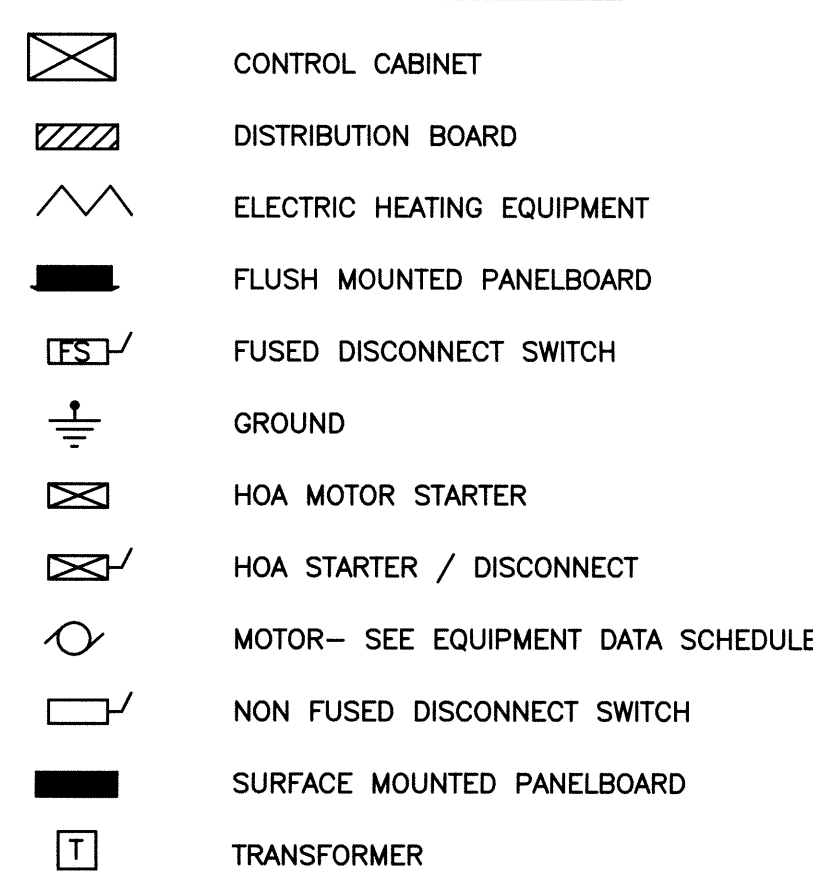
ABBREVIATIONS

A	AMPERE(S)
ACC	AUTOMATIC CONTROLS CONTRACTOR
ACS	AUTOMATIC CONTROL SUB-CONTRACTOR
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AL	ALUMINUM
AWG	AMERICAN WIRE GAUGE
ATS	AUTOMATIC TRANSFER SWITCH
CB	CIRCUIT BREAKER
CU	COPPER
ELC	ELECTRICAL CONTRACTOR
EMT	ELECTRICAL METALLIC TUBING
EL	ELEVATION
E	EMERGENCY
(e)	EXISTING
FPC	FIRE PROTECTION CONTRACTOR
FPS	FIRE PROTECTION SUB-CONTRACTOR
FLA	FULL LOAD AMPS
FS	FUSIBLE SWITCH
GRS	GALVANIZED RIGID STEEL CONDUIT
GC	GENERAL CONTRACTOR
GND	GROUND
GFI	GROUND FAULT INTERRUPTING
GFIP	GROUND FAULT INTERRUPT PROTECTED
HOA	HAND/OFF/AUTO SWITCH
HAC	HEATING/AIR CONDITIONING CONTRACTOR
HZ	HERTZ
HP	HORSEPOWER
IGV	INLET GUIDE VANES
IMT	INTERMEDIATE METALLIC TUBING
IG	ISOLATED GROUND
JB	JUNCTION BOX
KVA	KILOVOLT-AMPERE
KV	KILOWATT
MC	MECHANICAL CONTRACTOR
NEC	NATIONAL ELECTRIC CODE
N.L.	NIGHT LIGHT
N.C.	NORMALLY CLOSED
N.O.	NORMALLY OPENED
PBC	PLUMBING CONTRACTOR
PVC	POLYVINYL CHLORIDE CONDUIT
SIM	SIMILAR
XFMR	TRANSFORMER
TYP	TYPICAL
VA	VOLT AMPS
WP	WEATHERPROOF

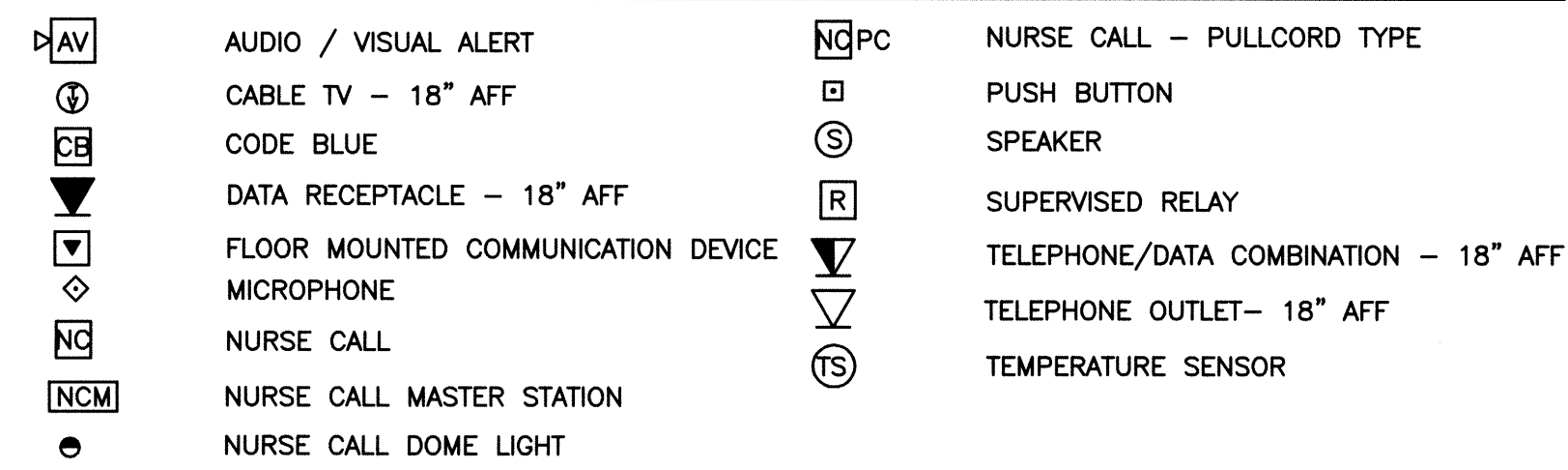
STANDARD DRAWING SYMBOLS



POWER EQUIPMENT



COMMUNICATION DEVICES



ARCHITECTS/ENGINEERS/CONSULTANTS:

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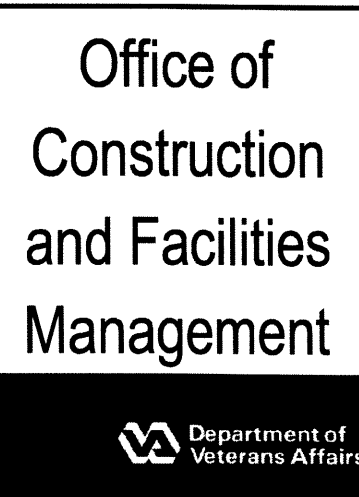
SPUR DESIGN, LLC
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Drawing Title	FPME STANDARD SYMBOLS
Medical Center Director	
Chief Engineer	

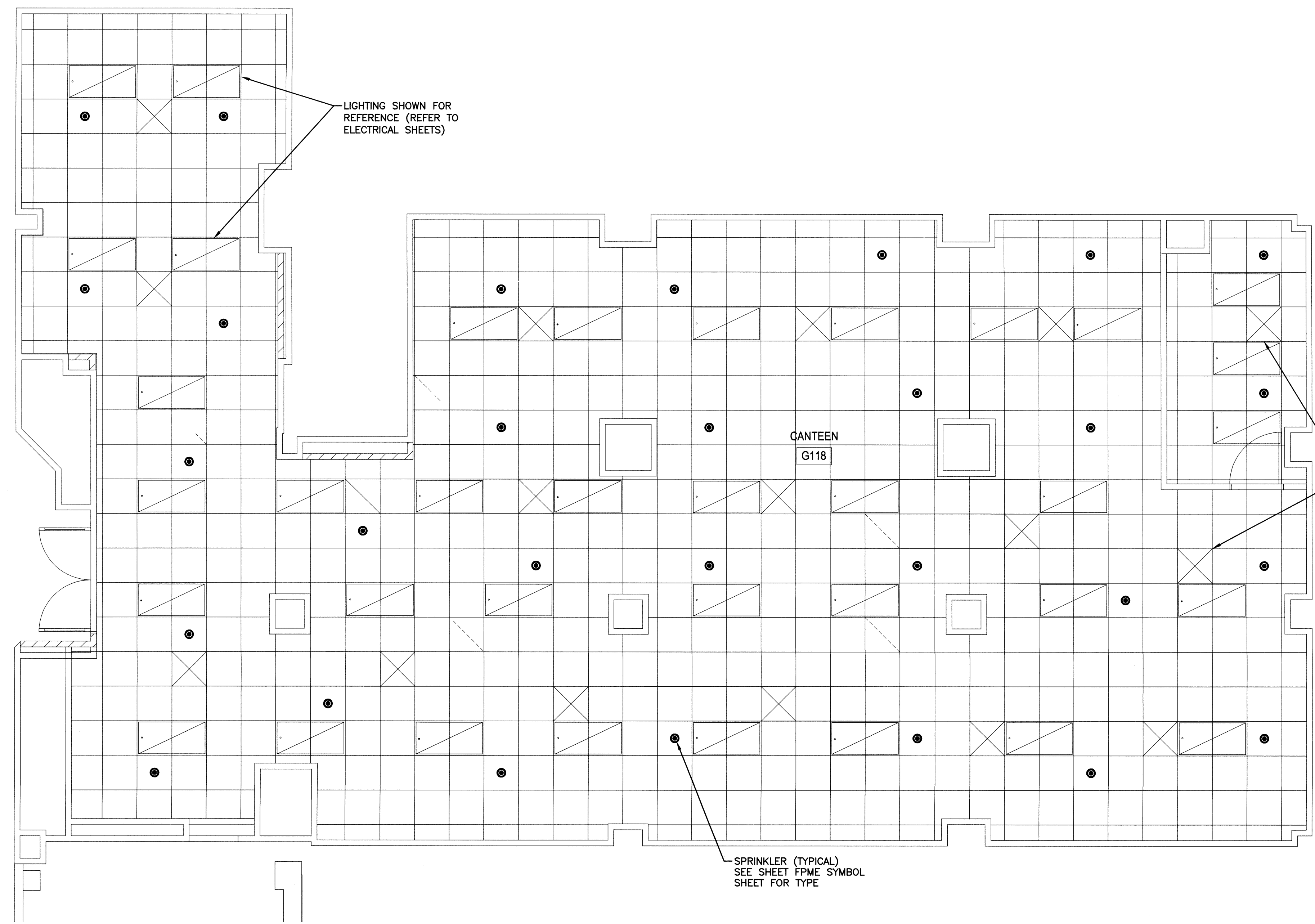
Project Title	CANTEN AND LIBRARY
Location	OKLAHOMA CITY VAMC
Date	04/28/2014
Checked	KLS
Drawn	JSH

Project Number	635-12-314
Building Number	
Drawing Number	
FPME	



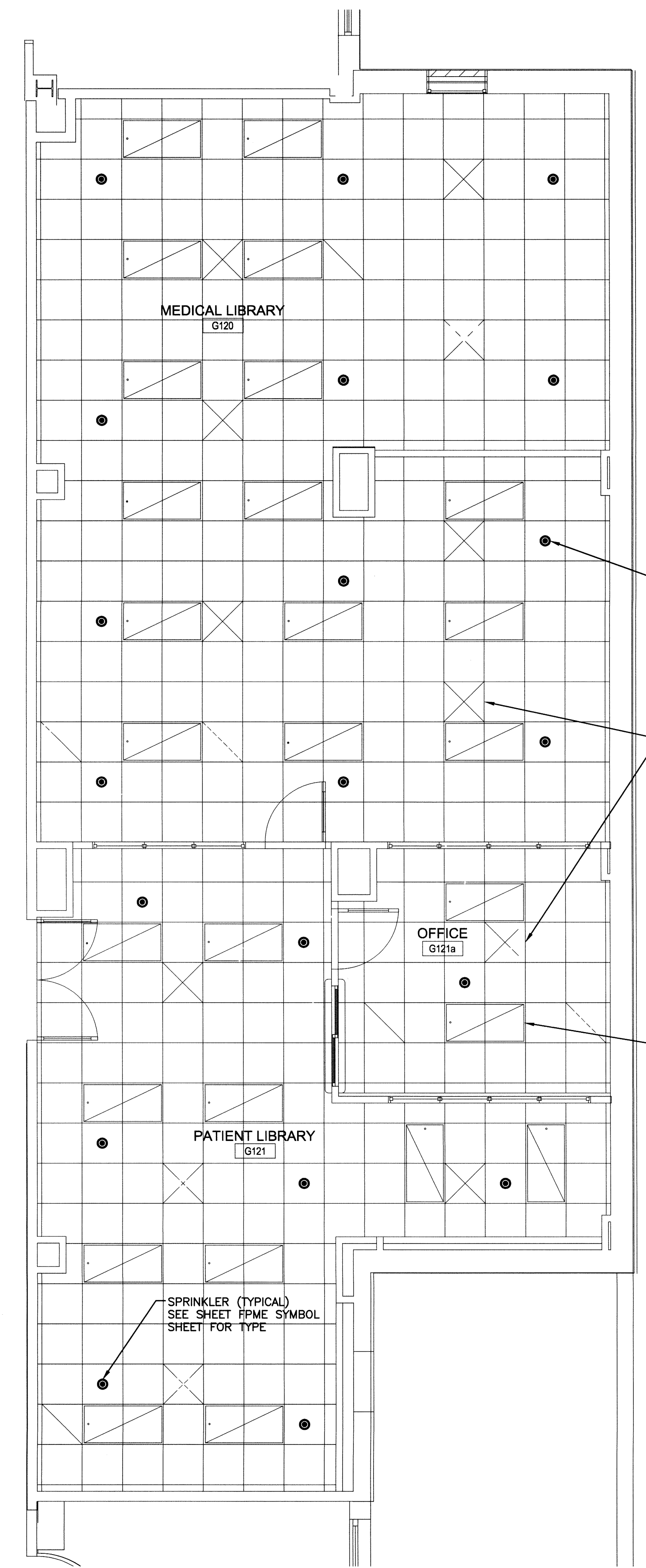
100% Construction Documents	
95% Construction Documents	03/14/2014
85% Design Development	03/22/2013
35% Schematic Design	08/24/2012
Revisions:	

- GENERAL NOTES:**
1. RENOVATION OF EXISTING FIRE PROTECTION WET PIPE SYSTEM SHALL BE DESIGNED AND INSTALLED IN STRICT ACCORDANCE WITH NFPA-13 AND LOCAL CODES. FIRE PROTECTION DESIGN IS SCHEMATIC ONLY. FINAL LAYOUT AND REQUIRED SPRINKLER FLOW DENSITY IS THE RESPONSIBILITY OF THE FIRE PROTECTION CONTRACTOR. HYDRAULIC CALCULATIONS AND SPRINKLER SYSTEM SHOP DRAWINGS TO BE SUBMITTED TO THE AUTHORITIES HAVING JURISDICTION.
 2. SPRINKLER LAYOUT INDICATED ON DRAWING IS SCHEMATIC IN NATURE. FINAL SPRINKLER LAYOUT SHALL BE PERFORMED BY THE FIRE PROTECTION DESIGNER/CONTRACTOR IN ACCORDANCE WITH APPLICABLE CODES.
 3. REMOVE EXISTING SPRINKLER PIPING WHICH IS IN CONFLICT WITH NEW HVAC DUCTWORK. REINSTALL SPRINKLER PIPING AFTER DUCTWORK HAS BEEN INSTALLED. EXISTING SPRINKLER SYSTEM MUST REMAIN IN USE UNTIL NEW SYSTEM TIE-IN. SPRINKLER SYSTEM SHUTDOWN MUST BE COORDINATED WITH THE OWNER.
 4. LAY-IN SPRINKLERS SHALL BE 1/2" RELIABLE MODEL GFR QUICK RESPONSE, RECESSED SPRINKLERS, OR APPROVED EQUIVALENT. SPRINKLERS TO HAVE WHITE FINISH, AND 155° F TEMPERATURE RATING UNLESS INDICATED OTHERWISE.
 5. CONTRACTOR SHALL COORDINATE WITH OWNER REGARDING ALL WORK WHICH MAY AFFECT EXISTING BUILDING SYSTEMS. COORDINATE AND VERIFY DEMOLITION OR RELOCATION OF ITEMS WITH OWNER PRIOR TO COMMENCING WORK TO PREVENT INTERRUPTION OF SERVICE.
 6. PROVIDE SEISMIC ANCHORING AND BRACING AS REQUIRED BY STATE OR LOCAL ORDINANCES.
 7. SEE ARCHITECTURAL SHEETS FOR REFLECTED CEILING PLAN AND OTHER BUILDING SPACE INFORMATION.
 8. COORDINATE SPRINKLER SYSTEM INSTALLATION WITH OTHER TRADES. MULTIPLE SPACES HAVE SIGNIFICANTLY REDUCED CEILING SPACE FOR SYSTEMS INSTALLATION.



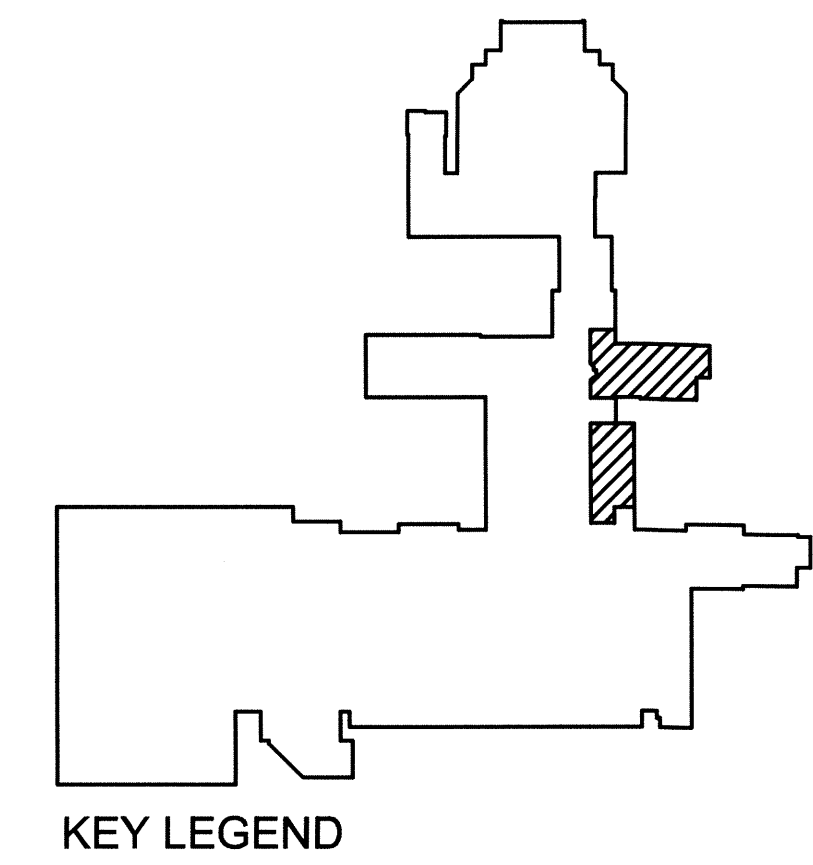
AREA DESIGN CRITERIA
CANTEN G118
WET PIPE SPRINKLER SYSTEM SHALL BE DESIGNED TO ORDINARY HAZARD GROUP 2 OCCUPANCY WITH A REQUIRED SPRINKLER FLOW DENSITY OF 0.20 GAL/SQ.FT.



CANTEN SCHEMATIC FIRE PROTECTION PLAN
SCALE: 1/4" = 1'-0"



AREA DESIGN CRITERIA
OFFICE/WORK ROOM G121a
WET PIPE SPRINKLER SYSTEM SHALL BE DESIGNED TO A LIGHT HAZARD OCCUPANCY WITH A REQUIRED SPRINKLER FLOW DENSITY OF 0.10 GAL/SQ.FT.
MEDICAL MEDIA G120
PATIENT LIBRARY G121
WET PIPE SPRINKLER SYSTEM SHALL BE DESIGNED TO ORDINARY HAZARD GROUP 1 OCCUPANCY WITH A REQUIRED SPRINKLER FLOW DENSITY OF 0.15 GAL/SQ.FT.

LIBRARY SCHEMATIC FIRE PROTECTION PLAN
SCALE: 1/4" = 1'-0"



		ARCHITECTS/ENGINEERS/CONSULTANTS:				 OKLAHOMA CERTIFICATE OF AUTHORITY 00295	 7700 NORTH HUDSON, SUITE 9 OKLAHOMA CITY, OK 73116 PHONE: 405.842.6100 WWW.SPUR-DESIGN.COM	Drawing Title SCHEMATIC FIRE PROTECTION PLANS		Project Number 635-12-314		Office of Construction and Facilities Management
								Medical Center Director		Building Number		
								Chief Engineer		Drawing Number FP-101		
								Date 04/28/2014		Checked KLS	Drawn SET	
										