

FIRE PROTECTION NOTES:

1. PROVIDE AN AUTOMATIC SPRINKLER SYSTEM HYDRAULICALLY DESIGNED IN ACCORDANCE WITH NFPA 13 FOR THE CONDITIONS SCHEDULED.
2. PROVIDE AT LEAST 1 SPRINKLER HEAD PER 225 SQUARE FEET FOR LIGHT HAZARD OCCUPANCIES AND AT LEAST 1 SPRINKLER HEAD FOR EVERY 130 SQUARE FEET FOR ORDINARY HAZARD OCCUPANCIES.
3. PROVIDE HEADS OF TYPE SHOWN ON THE FLOOR PLANS. LOCATIONS SHOWN ARE SUGGESTED FOR SCOPE DEFINITION PURPOSES. FINAL LOCATIONS ARE DEPENDANT ON HEADS TO BE USED, THE HYDRAULIC DESIGN, AND NFPA 13.
4. PROVIDE UPRIGHT TYPE HEADS IN AREAS WITHOUT CEILINGS.
5. PIPING SHOWN IS SUGGESTED ROUTING FOR SCOPE DEFINITION PURPOSES. FINAL SIZES AND ROUTING TO BE BASED ON THE HYDRAULIC DESIGN AND NFPA 13 AND 14.
6. PROVIDE FLOW TEST FOR HYDRAULIC DESIGN PER NFPA 13. PRELIMINARY TEST INFORMATION INDICATES THE FOLLOWING SYSTEM CAPACITY:
 - HYDRANT ON DARNELL ROAD - 60 PSIG STATIC, 25 PSI RESIDUAL FLOWING 8.30 GPM.
7. ROUTE PIPING FOR WET SYSTEMS INSIDE THE INSULATION ENVELOPE.
8. ALL HEADS TO BE QUICK RESPONSE TYPE.
9. PROVIDE A CLEAN AGENT FIRE SUPPRESSION SYSTEM (FM-200 OR EQUAL) IN ACCORDANCE WITH NFPA 2001 IN:
 - COMPUTER ROOM 1306
 - IT ROOM 1257
 - STORAGE ROOMS 1041
 - STORAGE ROOMS 2406 & 2409

NO WATER FILLED PIPING IS TO BE INSTALLED IN OR ABOVE THESE ROOMS.

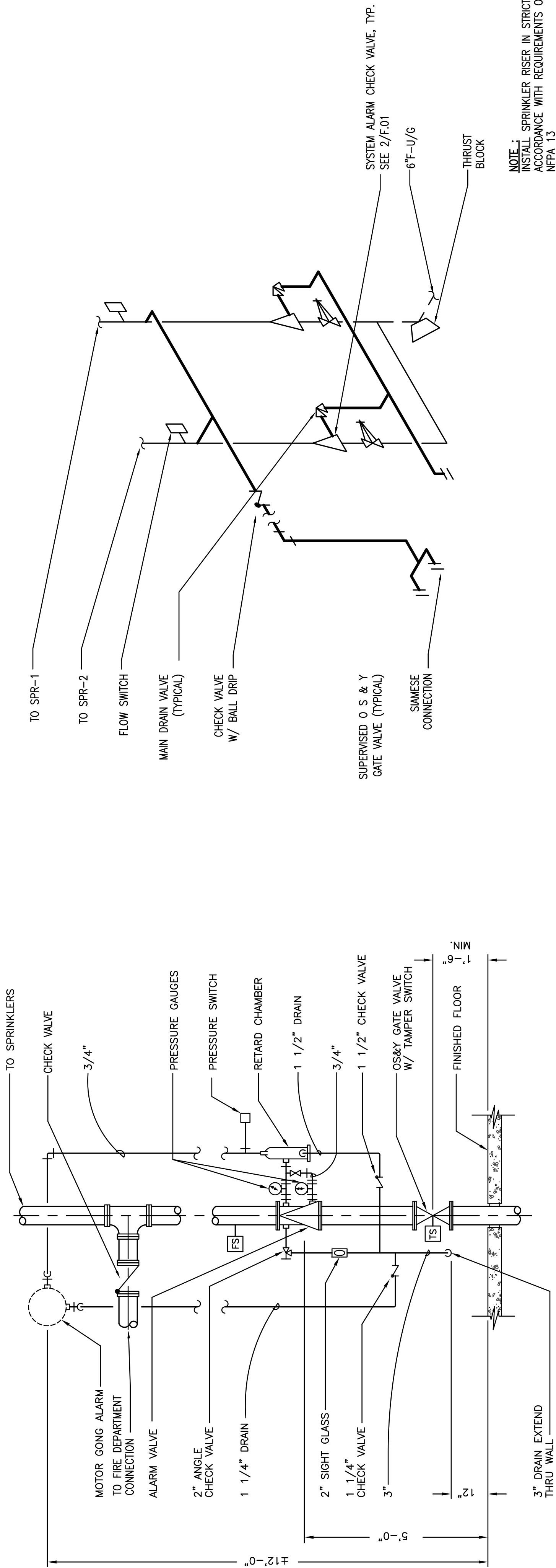
FIRE PROTECTION SYSTEM SCHEDULE							
SYSTEM NUMBER	AREA PROTECTED	SYSTEM TYPE	OCCUPANCY CLASSIFICATION	DESIGN DENSITY (GPM/SF)	HOSE STREAM ALLOWANCE (GPM)		REMARKS
					INSIDE	OUTSIDE	
SPR-1	AREAS A & C	WP	LH	0.10	0	100	1
SPR-2	AREAS D & E	WP	LH	0.10	0	100	1
SPR-3	AREA B	WP	LH	0.10	0	100	1

1. UNLESS OTHERWISE NOTED, KITCHEN, STORAGE, MECHANICAL, ELECTRICAL ROOMS AND JANITOR'S CLOSETS SHALL BE CLASSIFIED ORDINARY HAZARD, GROUP 1 AND DESIGNED IN ACCORDANCE WITH NFPA 13.

FIRE PROTECTION LEGEND		
SYMBOL	DESCRIPTION	DESCRIPTION
	RISER DOWN (ELBOW)	VALVE IN CAST IRON BOX W/ CONC. PAD
	RISER UP (ELBOW)	FLOW SWITCH
	RISE OR DROP	CONCENTRIC REDUCER
	BRANCH - BOTTOM CONNECTION	ECCENTRIC REDUCER
	BRANCH - TOP CONNECTION	STRAINER
	BRANCH - SIDE CONNECTION	UNION
	VALVE IN RISE	CAP ON END OF PIPE
	ANGLE VALVE	PLUGGED TEE
	SIDEWALL SPRINKLER	PRESSURE GAUGE WITH GAUGE COCK
	CHECK VALVE	PIPE ANCHOR
	SHUT-OFF VALVE	CONNECT TO EXISTING
	GLOBE VALVE	FLOW INDICATOR FOR PORTABLE METER
	PRESSURE REDUCING VALVE	FLOW - IN DIRECTION OF ARROW
	SOLENOID OPERATED VALVE	BACKFLOW PREVENTER W/ STRAINER
	UPRIGHT SPRINKLER	SWAMOSE FIRE CONNECTION
	PENDENT SPRINKLER	STANDPIPE W/FIRE DEPT. VALVE
	CONCEALED SPRINKLER	METER

NOTE: THIS IS A STANDARD LEGEND. ALL ITEMS SHOWN MAY NOT APPEAR ON DRAWINGS.

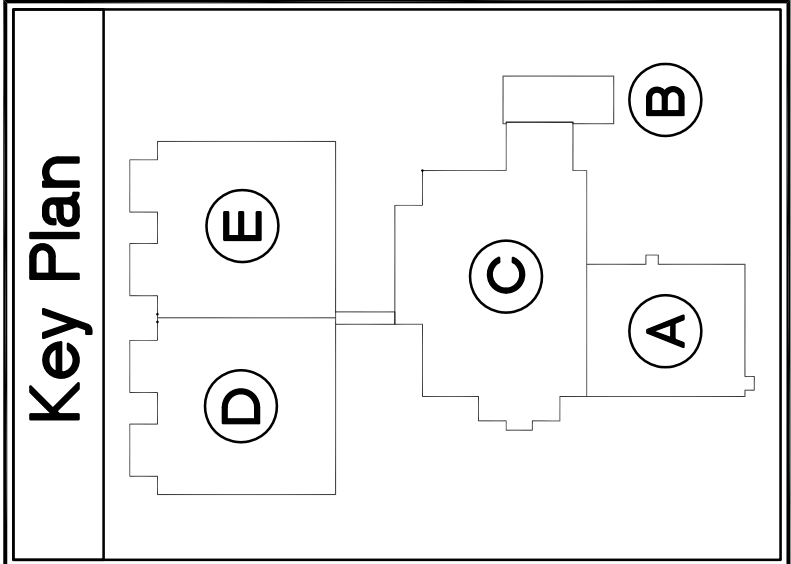
FIRE PROTECTION ABBREVIATIONS	
ABBREVIATION/DEFINITION	ABBREVIATION/DEFINITION
A/C	ELEVATION
AF	FIRE LINE
AFG	FLOOR
B/F	FINISHED FLOOR
B/G	GENERAL
BLOS	INVERT ELEVATION
CI	LOCATION
CL	NOT IN CONTRACT
CONT	PLUMBING
CONTR	SPRINKLER
D	STAND PIPE / FIRE DEPT. VALVE
DN	DOWN
DTL	WITH TAMPER SWITCH
PG	WET PIPE
PS	PRESSURE GAUGE
LH	STAND PIPE
OH	PRESSURE SWITCH
	SPRINKLER SYSTEM
	EXTRA HAZARD OCCUPANCY
NOTE: THESE ARE STANDARD ABBREVIATIONS. ALL ABBREVIATIONS SHOWN ABOVE MAY NOT APPEAR ON DRAWINGS.	



NOTE: RISER SHALL BE SIZED PER NFPA REQUIREMENTS.

1. SPR-1 & 2 ENTRANCE PIPING DETAIL
SCALE: NONE

2. SYSTEM RISER PIPING DETAIL
SCALE: NONE



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PRECISION PLANNING, INC.

NO. 16840

REGISTERED PROFESSIONAL ENGINEER

STATE OF GEORGIA

10/13/2007

JACKSON COUNTY, GEORGIA

JACKSON COUNTY JAIL

PROJECT

PROJECT TITLE

GENERAL DATA & SCHEDULES

FIRE PROTECTION

DESIGN

CAD

PG

CHECKED

CHECKED

CHECKED

RELEASE

NO DESCRIPTION

DATE

10/31/07

D.E.C. / PLUMBING BID PACKAGE RELEASE

FILE NUMBER

CAD FILE NAME

PROJ. NUMBER

DATE

10-31-07

A06136

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