

PLOT DATE:
August 21 2018

No.	Description	Date

STORE NUMBER
1687
Tattersall Park
HOOPER
US 280 & Highway 19
Hoover
Shelby Co., AL

48.10
V814.2018
SIENNA LITE

FIRE PROTECTION SPECS. & NOTES

1/8" = 1'-0"

FP2.1

17. SYSTEM PRESSURE AND FLOW REQUIREMENTS AT THE BASE OF THE RISER

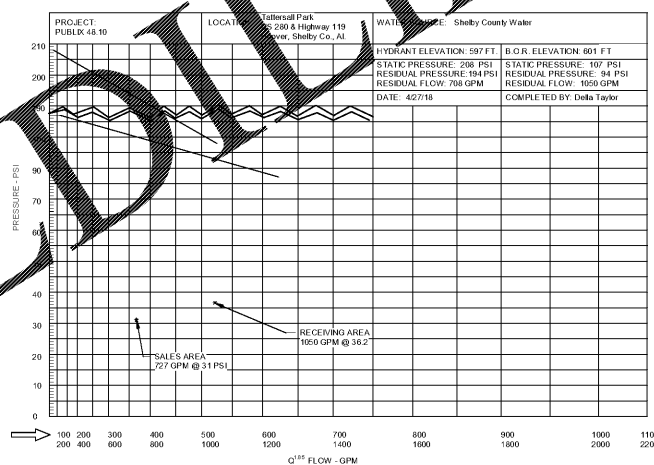
ZONE#1 (RISER 1)	0.30 GPM/FT ² (2007 FT ²)	800 GPM @ 36.2 PSI
STORAGE/RECEIVING	0.50 HOSE ALLOWANCE	250 GPM
		1050 GPM
ZONE#2 (RISER 2)	0.18 GPM/FT ² (1110 FT ²)	477 GPM @ 31.0 PSI
SALES	0.5 HOSE ALLOWANCE	250 GPM
		727 GPM

18. TOTAL AREA COVERED

RISER / ZONE#1	RECEIVING / STORAGE	3008 FT ²
	SALES FLOOR	2537 FT ²
	ADMINISTRATION	1500 FT ²
	BAKERY / DELI	3570 FT ²
RISER / ZONE#1	RISER / ZONE#2	1110 FT ²
	FRONT CANOPY	2649 FT ²

19. SEISMIC RESTRAINTS (WHERE REQUIRED)

ALL PIPING SHALL BE PROVIDED WITH SEISMIC RESTRAINTS IN ACCORDANCE WITH SEISMIC HAZARD LEVEL "SH-8" OF THE SEISMIC RESTRAINT MANUAL "GUIDELINES FOR MECHANICAL SYSTEMS" DATED 1998, SECOND EDITION, AS PUBLISHED BY THE SHEET METAL AND AIR CONDITIONING CONTRACTORS NATIONAL ASSOCIATION, INC. AND IN ACCORDANCE WITH NFPA 13, CH. 9.



WATER SUPPLY GRAPH

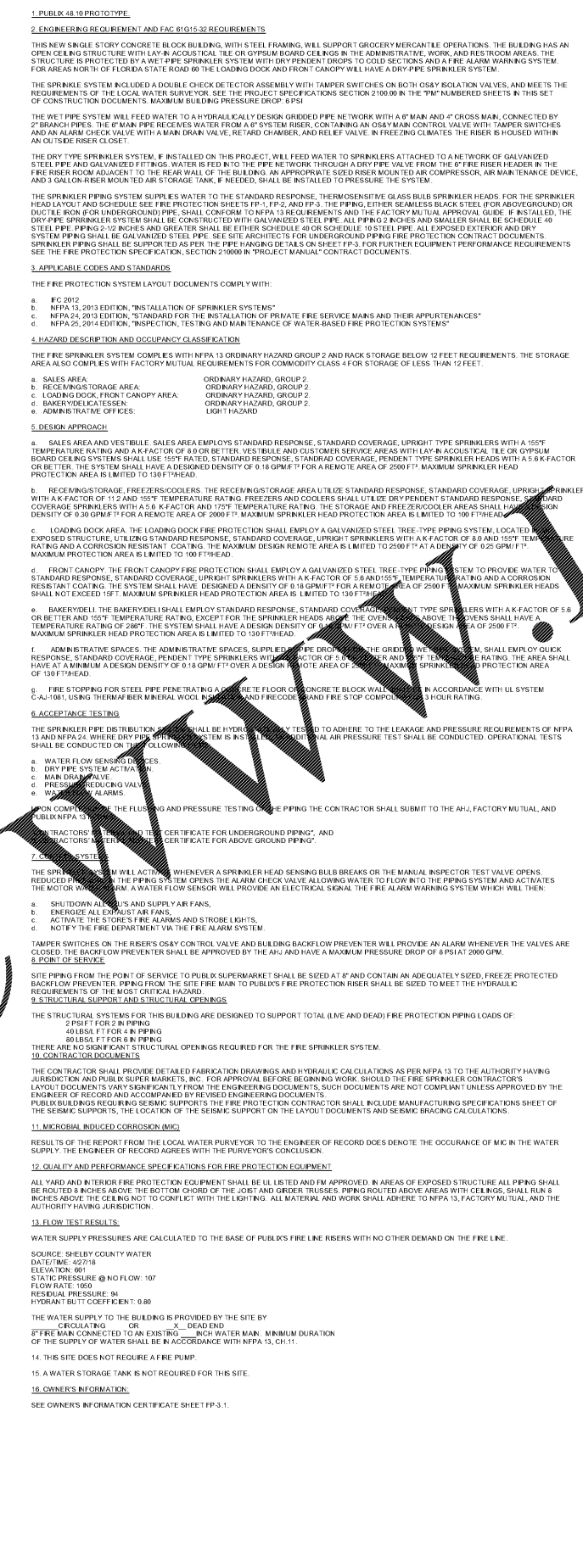
FP-FIRE PROTECTION LEGEND

Count	SPARES	NAME 2	METAL	TEMP	K	NPT	DRIFICE	MFR	SIN#	ESCU	SPACING	TYPE
29	3	DRY PEND	CHROME	175	5.6	1"	1/2"	VIKING	VK154	STANDARD	VARIES PER CALCS	STD RESP
18	2	DRY PEND	WHITE POLY. COATED BRASS	155	5.6	1/2"	1/2"	VIKING	VK-102	SEMI-REC	VARIES PER CALCS	STD RESP
35	3	PEND	CHROME	155	5.6	1/2"	1/2"	VIKING	QR-VK302	SEMI-REC	VARIES PER CALCS	Q-RESP
175	3	PEND	CHROME	155	5.6	1/2"	1/2"	VIKING	STD-VK102	SEMI-REC	VARIES PER CALCS	STD RESP
2	1	PEND	CHROME	268	5.6	1/2"	1/2"	VIKING	VK102	SEMI-REC	VARIES PER CALCS	STD RESP
344		UPRIGHT	BRASS	155	8.0	3/4"		VIKING	VK-200		VARIES PER CALCS	STD RESP
90	6	UPRIGHT	BRASS	155	11.2	3/4"	5/8"	VIKING	VK-530		VARIES PER CALCS	ELO
30	6	UPRIGHT	SPRIG	155	11.2	3/4"	5/8"	VIKING	VK-530		VARIES PER CALCS	ELO

AREAS OF HORIZONTAL RUNS BY TRADES

ELECTRICAL:	TOP OF STEEL GIRDER AND JOIST TO 32 IN. BELOW TOP OF STEEL WHERE EXPOSED IN PROTOTYPE. IMMEDIATELY BENEATH TOP OF JOIST MEMBER AND PASSING BETWEEN STEEL JOIST WEBBING. THE INSTALLATION SHALL BE IN COMPLIANCE WITH NEC 300.4(E).
REFRIGERATION:	32 IN. TO 36 IN. BELOW ROOF DECK, EXPOSED IN PROTOTYPE. IMMEDIATELY BELOW BOTTOM CHORD OF STEEL JOIST ORDERS AND JOISTS.
FIRE SPRINKLER:	8 IN. ABOVE CEILING, WHERE EXPOSED IN PROTOTYPE. 8 IN. ABOVE BOTTOM CHORD OF STEEL GIRDER JOISTS AND JOISTS.
AIR CONDITIONING:	36 IN. BELOW ROOF DECK TO 10 IN. ABOVE CEILING, WHERE EXPOSED IN PROTOTYPE. HANGS CLOSE UNDER BOTTOM CHORD OF STEEL JOIST ORDERS AND JOISTS AS POSSIBLE WHILE LEAVING ROOM FOR REFRIGERATION LINES.

F DEVIATION FROM THESE AREAS IS INDICATED, SUCH DEVIATION MUST BE AGREED UPON BY JOB SUPERINTENDENT AND PUBLIX REPRESENTATIVE.



Order Plans @