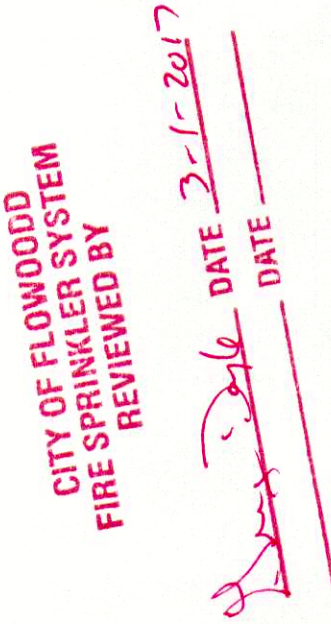
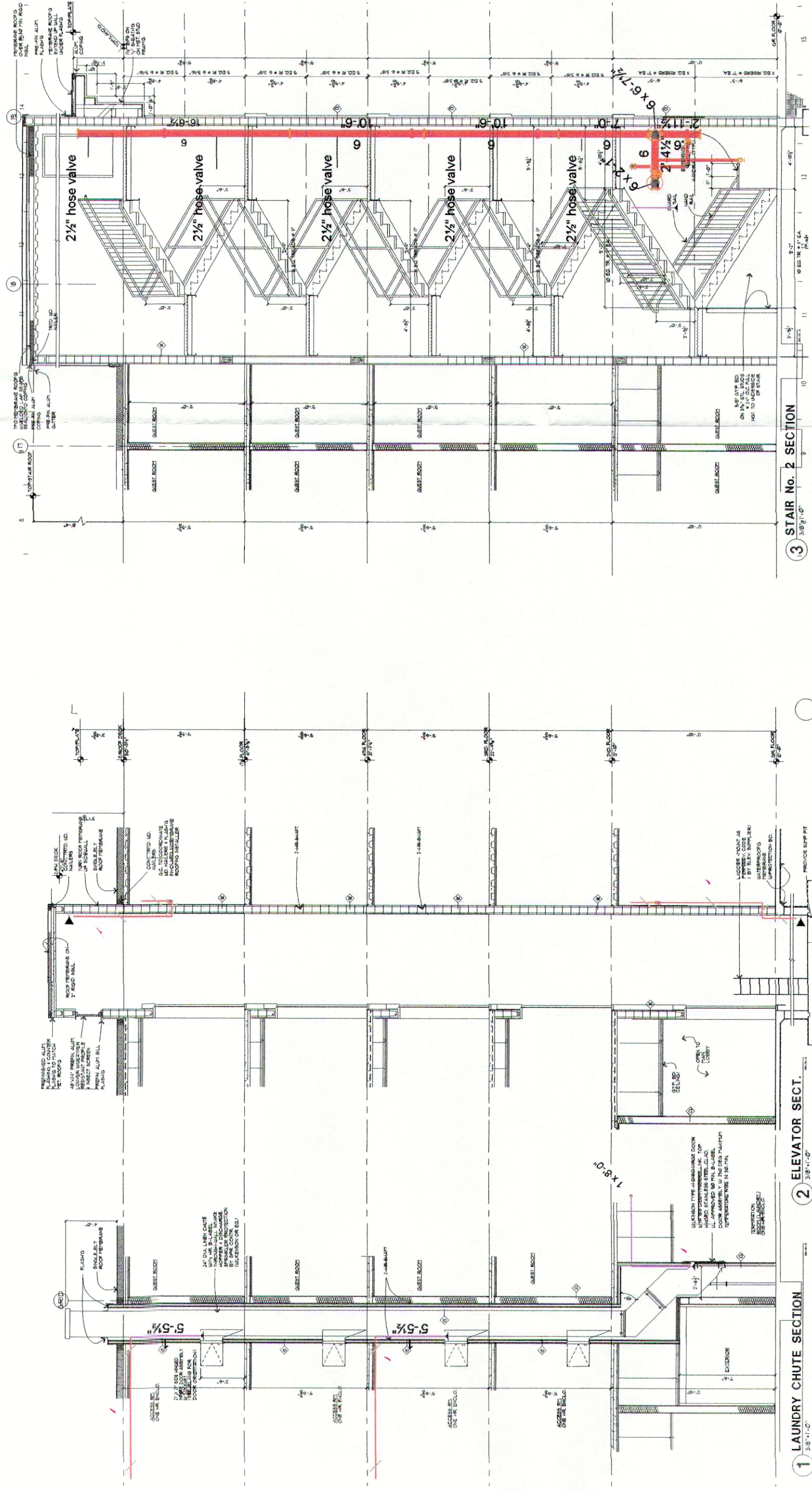
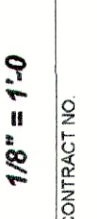




Sprinkler Legend											
(NUMBERS ARE PER EACH FLOOR)											
Symbol	Manufacturer	SIN/Model	Quantity	K-Factor	Type	Size	Response	Orifice	Finish	Temperature	Note
●	Reliable	RA 1414	20	5.6	Pendent	1/2"	Quick	1/2"	White	155°F	
●	Reliable	R3531	52	4.4	Sidewall	1/2"	Quick	1/2"	White	155°F	
●	Reliable	R3516	30	4.9	Pendent	1/2"	Quick	1/2"	White	155°F	
●	Reliable	RA 1435	3	5.6	Sidewall	1/2"	Quick	1/2"	White	155°F	
●	Reliable	RA 1414	4	5.6	Pendent	1/2"	Quick	1/2"	Brass	200°F	
●	Reliable	RA 1435	4	5.6	Sidewall	1/2"	Quick	1/2"	Brass	200°F	
			Total =	113							

IMPORTANT In localities subject to freezing conditions, it is the owner's responsibility to provide heat throughout wet pipe sprinkler system areas and in enclosures for dry pipe, deluge and other types of valves controlling water supplies to sprinkler systems.	PAUL M. GIFFORD NICET LEVEL 4 <i>Paul M Gifford</i>	STATE OF MS. PERMIT NO. 11749-SC	CERTIFICATION NO. 81305
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[illegible]

	CONTRACT NAME	
	CONTRACT WITH	FLOWOOD, MS
CONTRACT NO.		DATE
787405		02/20/2017
DRAWN BY		CHECK BY
L FICKLING		JD HOWARD
DRAWING NO.		FP2
		P.O. Box 190627 MOBILE, AL 36619
6161 E RAVENLINE RD THEODORE, AL 36692		

GENERAL NOTES

① **SCOPE OF WORK:** VFP FIRE IS TO DESIGN, FABRICATE, INSTALL AND TEST AN AUTOMATIC WET PIPE SPRINKLER SYSTEM TO PROTECT THE 5 STORY HOME 2 SUITES AS SHOWN ON PLANS.

② **BASIS OF DESIGN:** DESIGN IN ACCORDANCE WITH NFPA 13 2010 EDITION AUTOMATIC WET PIPE SPRINKLER SYSTEM

ALL WALL SPRINKLERS WITHIN THE ROOM THAT CREATES THE GREATEST HYDRAULIC DEMAND AT A DENSITY OF 10 GPM/SQ. FT.

CORRIDORS WILL HAVE FIVE SPRINKLERS FLOWING AT 10 GPM/SQ. FT.

WE WILL PROVIDE AN AUTOMATIC WET STANDPIPE

WE WILL PROVIDE A FIRE PUMP PRODUCING 750 GPM @ 95 PSI

WE WILL CALCULATE BACK TO THE CITY UNDERGROUND PIPING CONNECTION AVAILABLE WATER SUPPLY

PROVIDED FROM CITY: 81.0 PSI STATIC PRESSURE, 66.0 RESIDUAL PRESSURE FLOWING 1300 GPM PROVIDED FROM FIRE PUMP: 750 GPM @ 95 PSI

PRODUCING A COMBINE SUPPLY OF: 155.0 PSI STATIC PRESSURE, 131.0 RESIDUAL PRESSURE FLOWING 750 GPM

③ **PIPE & FITTINGS:** ALL PIPE TO CONFORM TO NFPA STANDARDS AS FOLLOWS:
ALL SPRINKLER PIPING SHALL BE MESH, TEES AND GROOVER FITTINGS
ALL PIPING 1" THRU 1 1/2" SHALL BE BLACK SCHED. 40 PIPING WITH BLACK C.I. THREADED FITTINGS

ALL STEEL PIPE LENGTHS = CUT LENGTHS

ALL PIPING SHALL BE HYDROSTATICALLY TESTED AT 200 PSI FOR 2 HOURS AND INSPECTED BY AHJ PRIOR TO PLACING SYSTEM IN SERVICE

FOREMAN NOTE: TEST ALL SYSTEMS ON ALL FLOORS SIMULTANEOUSLY WITH AHJ WITNESS

A SPARE HEAD CABINET WITH SPARE SPRINKLERS AND WRENCHES SHALL BE MOUNTED ON THE WALL IN THE SPRINKLER RISER ROOM

ALL GROOVED COUPLINGS TO BE VITACULIC FIRELOCK #605 / 009H RIGID UNLESS NOTED

ALL HANGERS TO BE IN ACCORDANCE WITH NFPA LOCK #605

ALL HANGERS TO BE BLACK AND INSTALLED PER MANUFACTURERS LISTING

④ **HANGERS:**

⑤ **EXCLUSIONS:** PAINTING / PRIMING OF PIPE, FITTINGS, HANGERS
ELECTRICAL WIRING OF DEVICES PROVIDED
UNDERGROUND PIPING
UNDERGROUND SPRINKLER PIPING
FALL UNDERGROUND PIPING SHALL BE FLUSHED, TESTED, AND INSPECTED BY AHJ PRIOR TO PLACING THE SYSTEM INTO SERVICE.)
SEISMIC PROTECTION
CUTTING CEILING TILES/WALL/FLOOR SLEEVES, CUTTING/PATCHING CMU WALLS

**STATE OF MS.
PERMIT NO.
11749-SC**

Paul M. Delford
CERTIFICATION NO.
81305