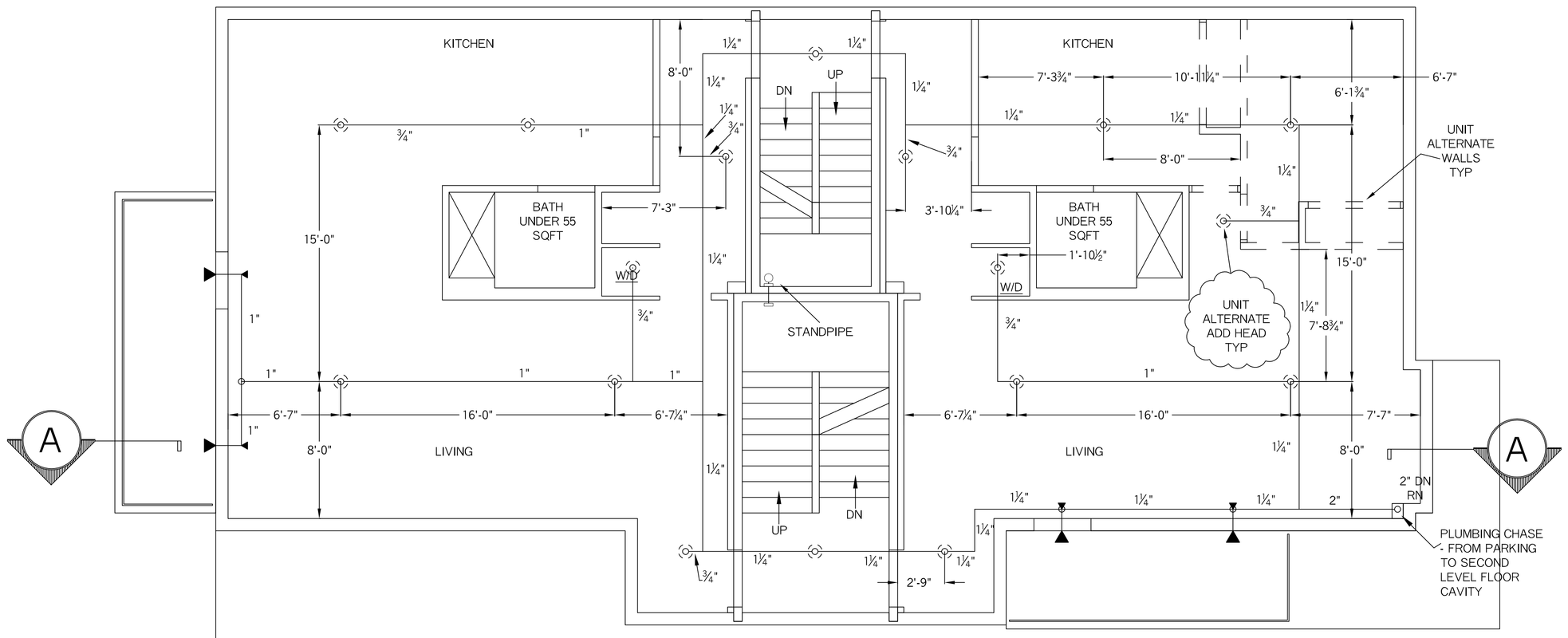
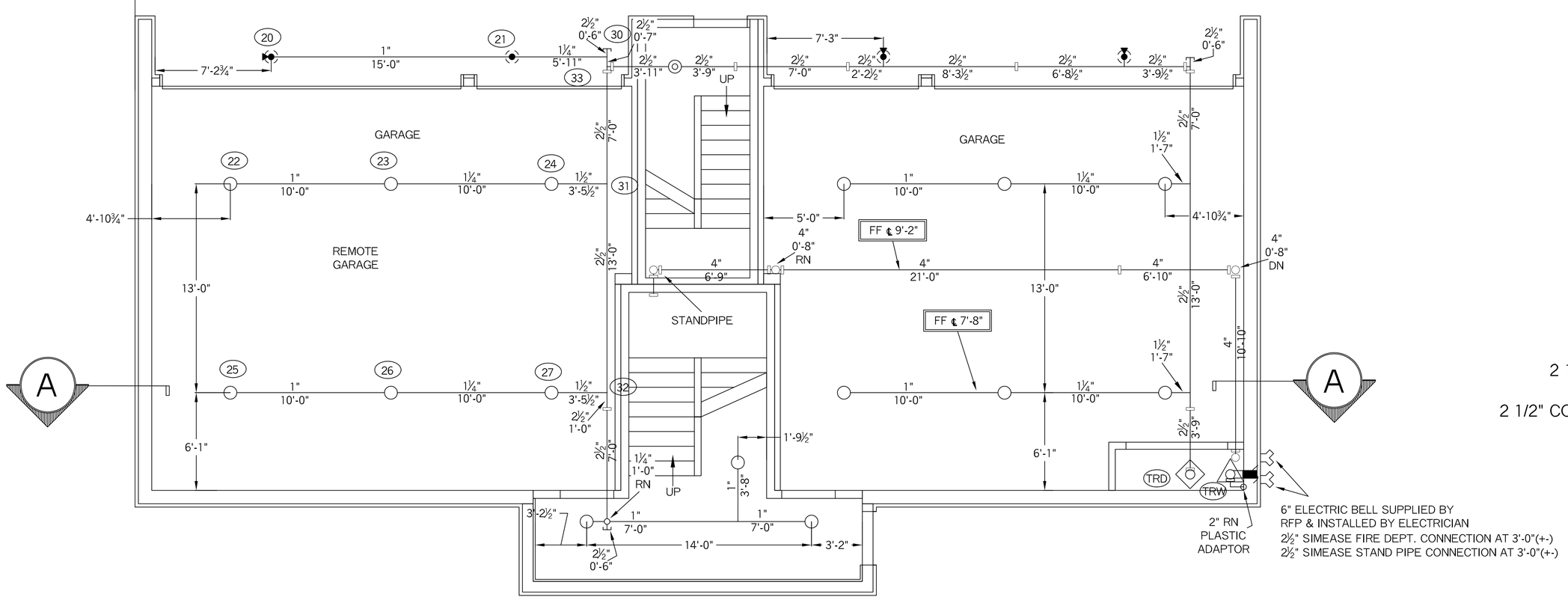
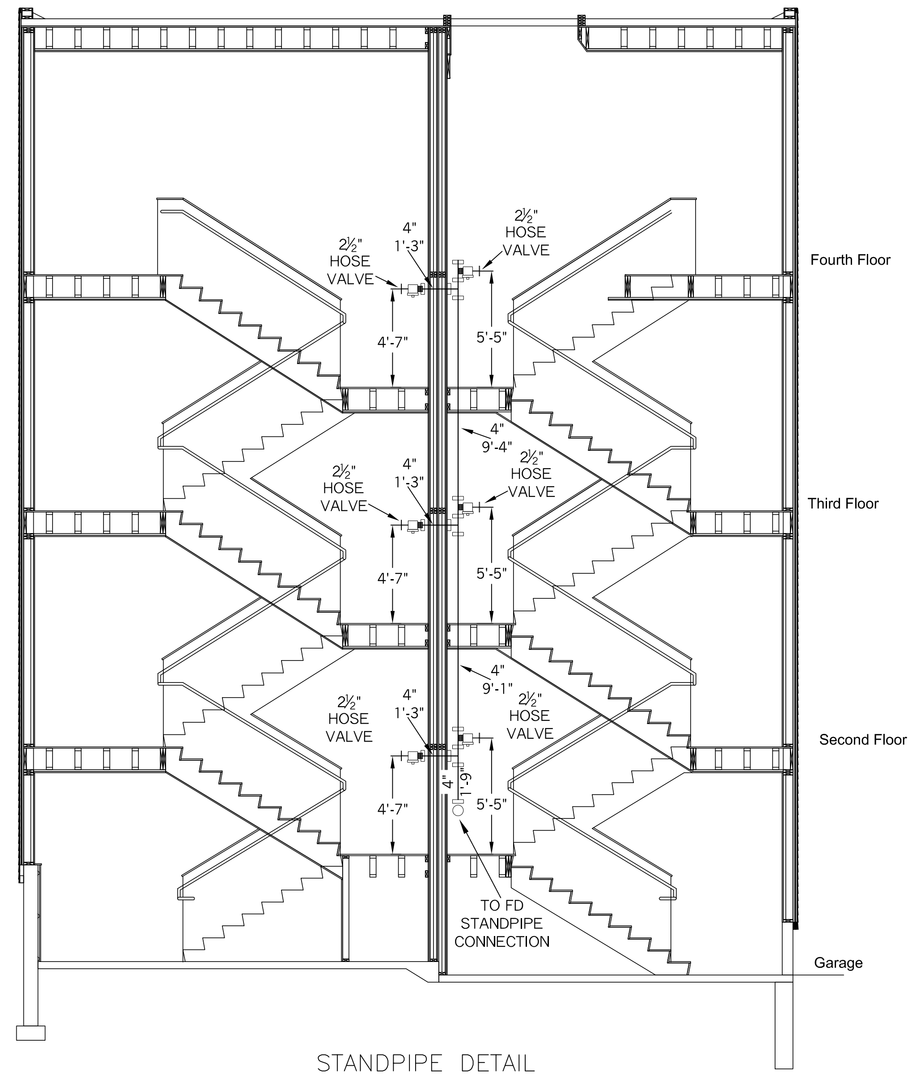


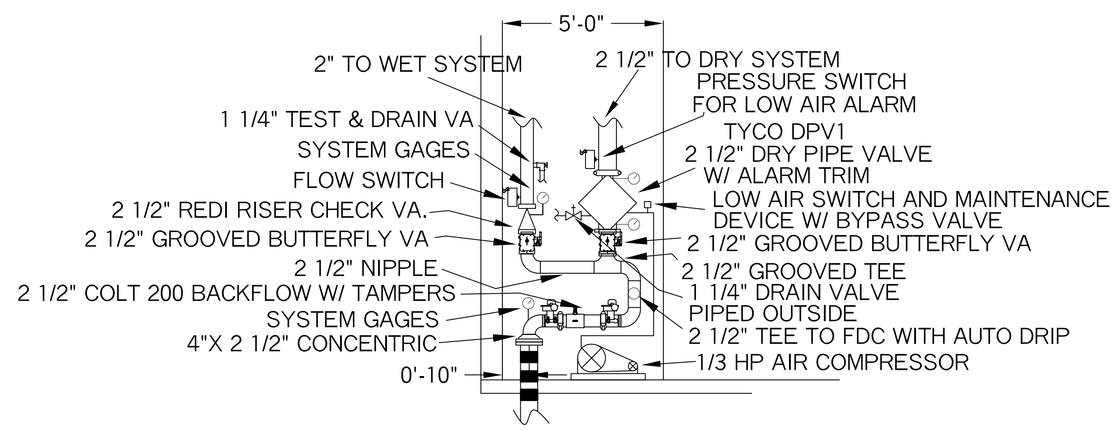
SECOND FLOOR



GARAGE LOWER LEVEL



STANDPIPE DETAIL



RISER DETAIL NTS

N
PLAN NORTH

HYDRAULIC DATA:
GARAGE
BASIS OF DESIGN (NFPA 13)

DENSITY	AREA OF COVERAGE		
.15	900 SQFT		
	TOTAL	THREAD	TEMP
SPRINKLERS	8	1/2"	155

SYSTEM DEMAND AT BASE OF RISER:

PRESSURE	FLOW	HOSE
40.867	264.218	100

SAFETY MARGIN: 7.778
OCCUPANCY: AUTO PARKING

LEGEND

- 155°F QR 1/2" WHITE SIDEWALL
- 155°F 1/2 BRASS PENDENT
- 155°F 1/2 BRASS UPRIGHT
- 155°F QR 1/2" WHITE RECESSED PENDENT
- 200°F QR 1/2" BRASS UPRIGHT
- HANGER
- RISE OR DROP NIPPLE
- VICTAULIC COUPLING

FF k=XX FIN FLR TO CENTERLINE OF PIPE
C k=XX CEILING TO CENTERLINE OF PIPE
TJ k=TOP OF JOIST TO CENTERLINE OF PIPE
BJ k=BOTTOM OF JOIST TO CENTERLINE OF PIPE
BB k=BOTTOM OF BEAM TO CENTERLINE OF PIPE
ELEV k=CIVIL ELEVATION OF CENTERLINE OF PIPE

16 / 155°F — VIKING VK468 — WHITE RESIDENTIAL PENDENTS 1/2"X1/2" K=4.9

4 / 155°F — VIKING VK182 — WHITE QR DRY SIDEWALLS 1/2"X1/2" K=5.6

4 / 155°F — VIKING VK176 — WHITE QR DRY PENDENTS 1/2"X1/2" K=5.6

1 / 155°F — VIKING VK300 — QR BRASS UPRIGHTS (SPRIG) 1/2"X1/2" K=5.6

15 / 155°F — VIKING VK300 — QR BRASS UPRIGHTS 1/2"X1/2" K=5.6

GENERAL NOTES

ALL DIMENSIONS ARE CENTER TO CENTER U/N
ALL THREADED PIPE TO BE SCH. 40 BLACK STEEL
ALL SCREWED FITTINGS TO BE STD. WT. C.I. BLACK U/N
ALL GROOVED PIPE TO BE SCH 10 BLACK STEEL
ALL OTHER PIPING TO BE CPVC PLASTIC
ALL OTHER FITTINGS TO BE CPVC PLASTIC
DRY SYSTEM CAPACITY IS 38 GALLONS

SYSTEM DESIGN

A WET PIPE SYSTEM OF AUTOMATIC SPRINKLERS TO BE DESIGNED AND INSTALLED PER NFPA 13R
ALL RESIDENTIAL AREA SPRINKLERS TO BE BASED ON LIGHT HAZARD
ALL GARAGE AREA SPRINKLERS TO BE BASED ON ORD I HAZARD
STANDPIPE DESIGNED AND INSTALLED PER NFPA 14

RESIDENTIAL FIRE
PHONE: (207) 946-3473 FAX: (207) 946-3474
64 DAGGETT HILL ROAD GREENE, MAINE 04236
PROTECTION, LLC

STANLEY J. CAMIC
NICET III -#78065

REVISION NUMBER	DATE	SURVEYED BY	JAL	06-09-14
		DRAWN BY	JAL	06-10-14
		APPROVED BY	SJC	06-11-14
		SCALE 1/4"= 1'-0" U/N (1' 2' 4' 8')		
		SHEET NO. 1 OF 2		

TITLE
MARQUIS LOFTS
33 LAFAYETTE ST
PORTLAND, MAINE

NO. OF SPRINKLERS SHOWN ON THIS SHEET: 40
NO. OF SPRINKLERS ON JOB: 81
CONTRACT NO. C14015