

FOURTH FLOOR PLAN
 SCALE: 1/8" = 1'-0"
 FLR ELEV: 153'-5"
 TOTAL FLR AREA= 19,033 SF

SPRINKLER HEAD INFORMATION, FOR THIS FLOOR ONLY

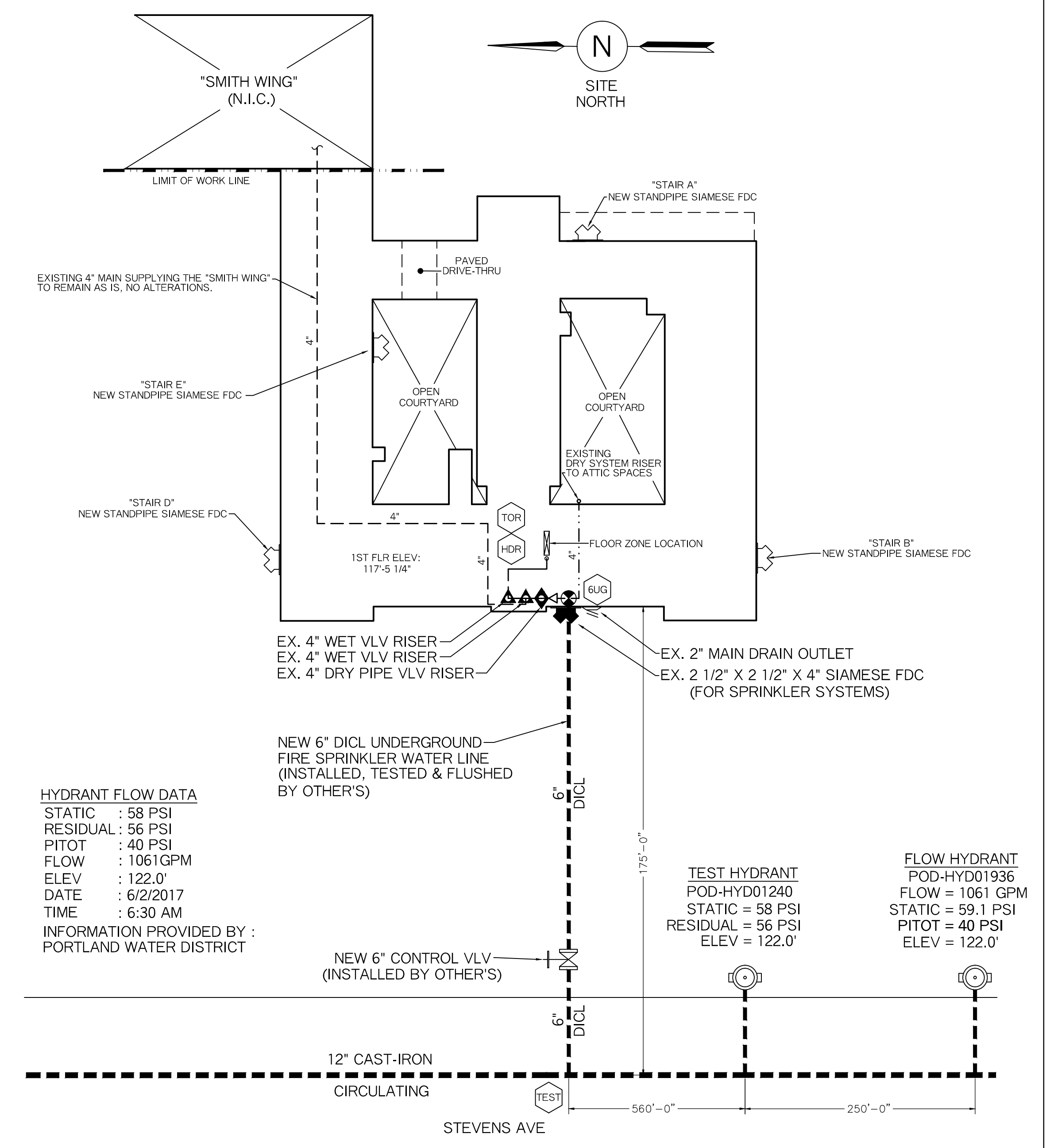
QTY	SIZE	ORIFICE	K-FACTOR	DESCRIPTION	MODEL	TEMP	ESCUTCHEON	SYMBOL
103	1/2"	7/16"	4.9	VIKING WHITE RESIDENTIAL PENDENT	VK468	155'	CONCEALED	⬤
67	1/2"	7/16"	4.0	VIKING WHITE RESIDENTIAL HOR. SIDEWALL	VK486	155'	RECESSED	◐
27	1/2"	1/2"	5.6	VIKING BRASS "QR" UPRIGHT	VK300	155'	NONE	○
4	1/2"	1/2"	5.6	VIKING WHITE "QR" DRY PENDENT	VK176	155'	EXTENDED	⊙

TOTAL HD'S= 201

HYDRAULIC DATA:
 APARTMENT UNIT (AREA #4)
 BASIS OF DESIGN (NFPA 13)
 DENSITY .0508 AREA OF COVERAGE (4) RES. SPRK'S
 SPRINKLERS 4 TOTAL ORIFICE TEMP 7/16" 155'
 SYSTEM DEMAND AT BOR:
 PRESSURE 57.25 FLOW 53.44 HOSE 100
 SAFETY MARGIN: 2.0 PSI
 OCCUPANCY: RESIDENTIAL

HYDRAULIC DATA:
 CHAPEL (AREA #5)
 BASIS OF DESIGN (NFPA 13)
 DENSITY .1 AREA OF COVERAGE 1546 SF
 SPRINKLERS 12 TOTAL THREAD 1/2" TEMP 155'
 SYSTEM DEMAND AT BOR:
 PRESSURE 52.04 FLOW 233.61 HOSE 100
 SAFETY MARGIN: 6.61 PSI
 OCCUPANCY: CHAPEL

HYDRAULIC DATA:
 APARTMENT UNIT (AREA #6)
 BASIS OF DESIGN (NFPA 13)
 DENSITY .0508 AREA OF COVERAGE (4) RES. SPRK'S
 SPRINKLERS 4 TOTAL ORIFICE TEMP 7/16" 155'
 SYSTEM DEMAND AT BOR:
 PRESSURE 63.86 FLOW 55.25 HOSE 100
 SAFETY MARGIN: 3.98 PSI
 OCCUPANCY: RESIDENTIAL



HYDRANT FLOW DATA
 STATIC : 58 PSI
 RESIDUAL : 56 PSI
 PITOT : 40 PSI
 FLOW : 1061 GPM
 ELEV. : 122.0'
 DATE : 6/2/2017
 TIME : 6:30 AM
 INFORMATION PROVIDED BY :
 PORTLAND WATER DISTRICT

TEST HYDRANT
 POD-HYD01240
 STATIC = 58 PSI
 RESIDUAL = 56 PSI
 ELEV = 122.0'

FLOW HYDRANT
 POD-HYD01936
 FLOW = 1061 GPM
 STATIC = 59.1 PSI
 PITOT = 40 PSI
 ELEV = 122.0'

PLOT / SITE PLAN
 SCALE: NTS

PROJECT NAME: MOTHERHOUSE SENIOR HOUSING 605 STEVENS AVE PORTLAND, ME. 04103	FIRE SPRINKLER PLANS AND DETAILS REQUIRED APPROVALS: STATE FIRE MARSHALS OFFICE LOCAL FIRE DEPARTMENT OWNER	RESIDENTIAL FIRE PROTECTION, LLC DATE: 7-27-2017
CONTRACT WITH: PORTLAND BUILDERS, INC 70 CENTER STREET, SUITE 304 PORTLAND, ME. 04101 PH: (207) 879-0118	DRAWN BY: TFP NICKET #: CERTIFICATION # 100854	SCALE: 1/8" = 1'-0"
RESIDENTIAL FIRE PROTECTION 64 DAGGETT HILL ROAD, GREENE, MAINE 04236 PH: (207) 946-3473 FAX: (207) 946-3474	CHECKED BY: SJC NICKET # (08854) CERTIFICATION # 78065	CONTRACT NO. C17011
	CONTRACTOR LICENSE #511	DRAWING NO. 4 OF 5
	CONTRACTOR RMS #80	