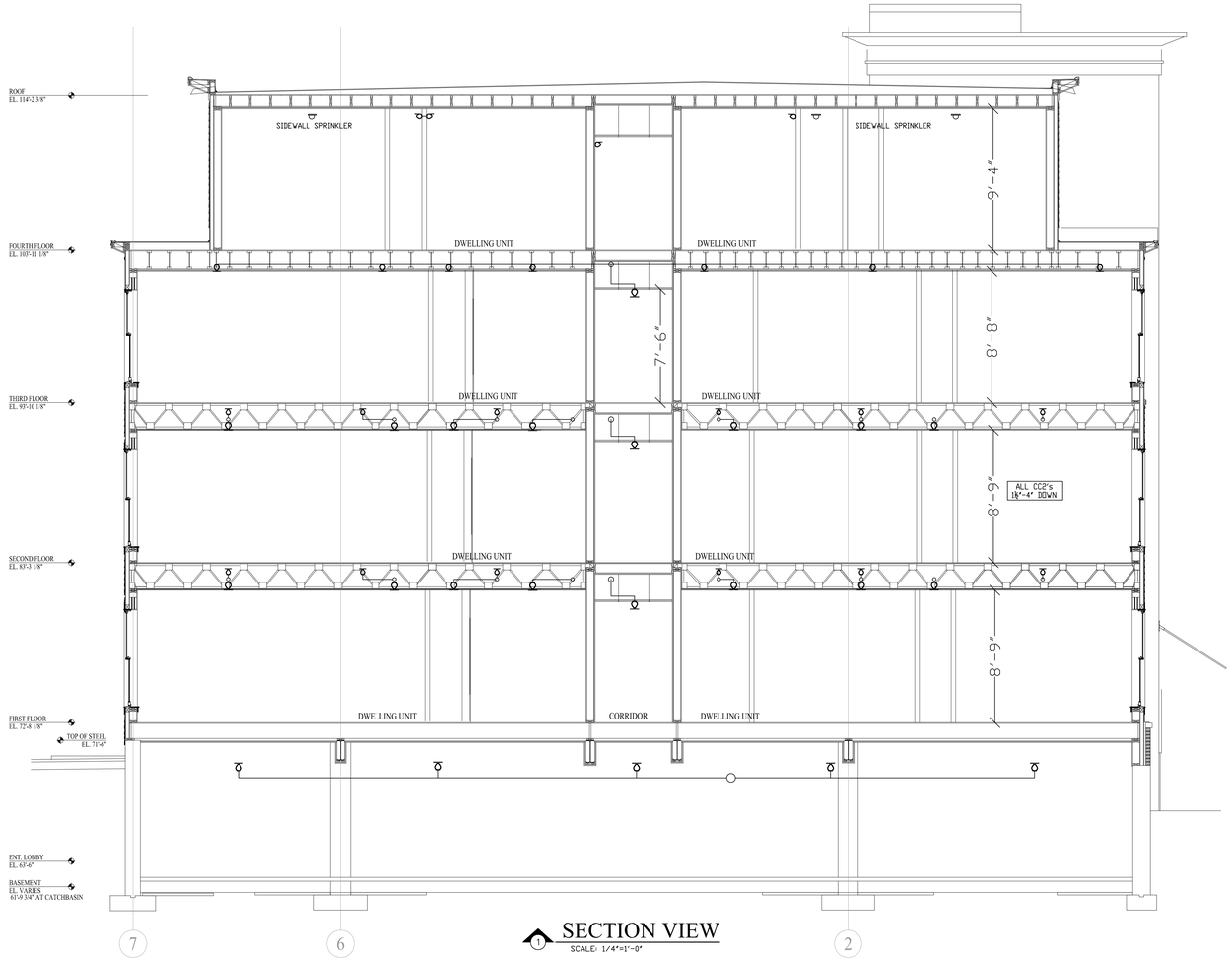


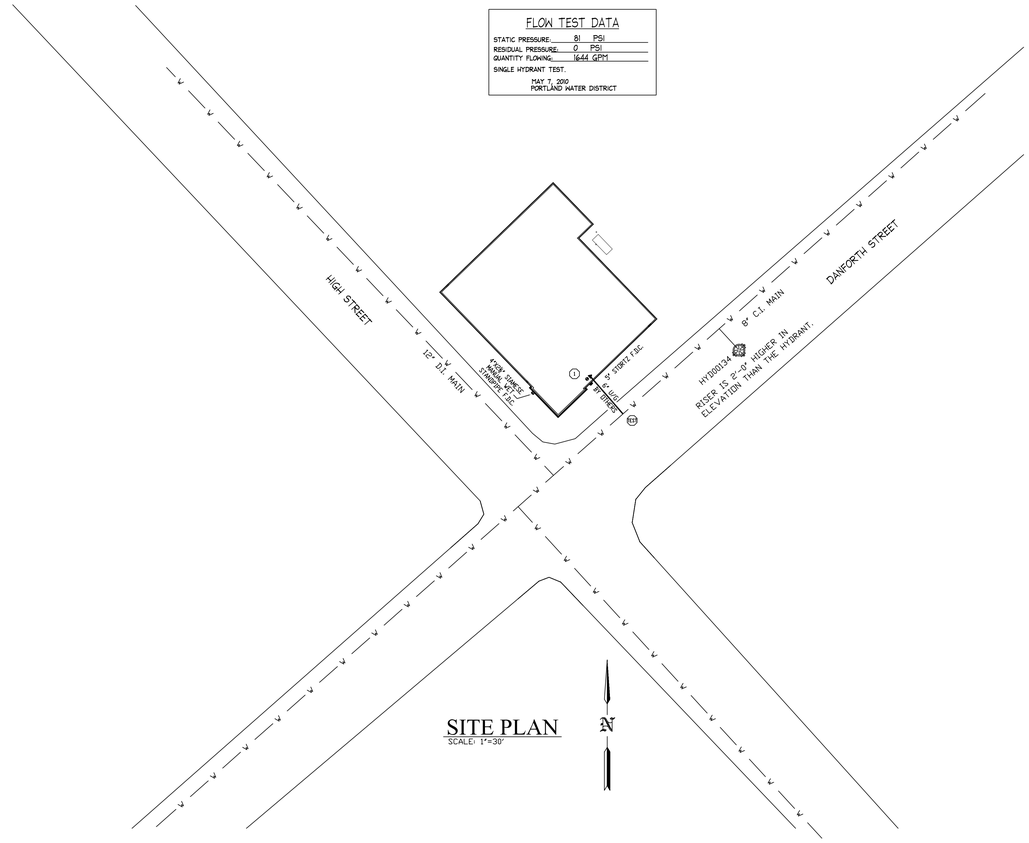
1 SECTION VIEW
SCALE: 1/4"=1'-0"

FIRE SPRINKLER GENERAL NOTES

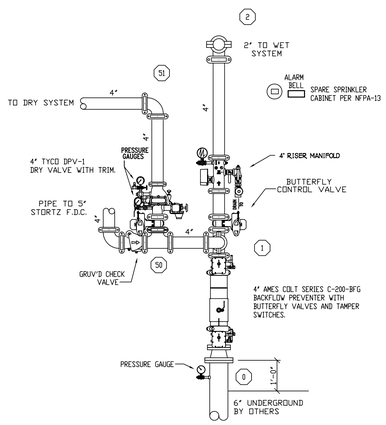
OCCUPANCY: APARTMENTS
DESIGN STANDARD: NFPA-13 2010 & NFPA-13R 2010
DESIGN DENSITY: 0.15 GPM/1950 SQ.FT.
DESIGN DENSITY: NFPA-13R 0.10 GPM/FOUR SPRINKLERS.
DESIGN DENSITY: NFPA-13R 0.10 GPM/ROOM.
SPRINKLERS UPRIGHT: TYCO (AS NOTED ON PLAN)
SPRINKLERS PENDENT: TYCO (AS NOTED ON PLAN)
ESCUTCHEONS: WHITE 2 PIECE SEMI-REC.
PIPING 1"-1½": SCH. 40 & APPROVED BLAZEMASTER CPVC PLASTIC.
PIPING 2"-6": SCH. 10 BLACK WITH GROOVED ENDS.
DRY PIPE COUPLINGS TO HAVE TRI-SEAL JOINTS.
HANGERS TO BE U.L. & FM APPROVED.
AND SPACED PER NFPA-13
ALL PIPING TO BE TESTED AT 200 PSI FOR 2 HOURS.
PROVIDE TAMPER SWITCH ON ALL CONTROL VALVES.
PROVIDE SPARE HEAD CABINET PER NFPA-13.
PROVIDE HYDRAULIC NAME PLATE PER NFPA-13.
COORDINATE FIRE SPRINKLER PIPING WITH OTHER TRADES.
⟨0⟩ DENOTES HYDRAULIC REFERENCE POINTS.
⊣⊢ DENOTES GROOVED COUPLING IN PIPE.
RN = RISER NIPPLE.
SG = SPRIG.
DN = DROP NIPPLE.
GC = GROOVED COUPLING.
TOE = THREAD ONE END.
GBE = GROOVE BOTH ENDS.

FLOW TEST DATA	
STATIC PRESSURE:	81 PSI
RESIDUAL PRESSURE:	0 PSI
QUANTITY FLOWING:	1644 GPM

SINGLE HYDRANT TEST.
MAY 7, 2010
PORTLAND WATER DISTRICT

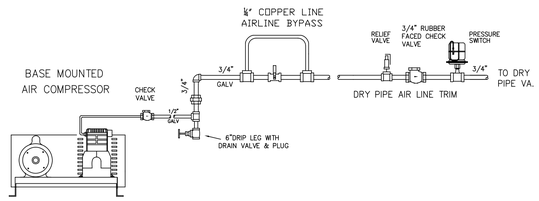


SITE PLAN
SCALE: 1"=30'



RISER DETAIL

SCALE: N.T.S.
TOTAL VOLUMN OF DRY SYSTEM 75 GAL.
SYSTEM TO BE EQUIPPED WITH LOW AIR ALARM & LOW AIR PRESSURE SWITCH.



BASE MOUNTED AIR COMPRESSOR

REVISIONS	NOTES

HEAD COUNT									
SPRINKLER TYPE	IDENTIFICATION NO.	MFG.	ESC.	MODEL	FINISH	ORIFICE	TEMP.	SYMBOL	QUANT.
TOTAL SPRINKLERS THIS DRAWING									

STANDARD SYMBOLS	
	– POST INDICATOR VALVE
	– KEY VALVE
	– FIRE HYDRANT
	– FIRE DEPT. CONNECTION
	– O.S. & Y GATE VALVE
	– SWING CHECK VALVE
	– NEW UNDERGROUND
	– EXIST UNDERGROUND

STANDARD SYMBOLS	
	– ALARM CHECK VALVE
	– RISER W/ALARM VALVE
	– RISER W/DRY VALVE
	– RISER W/ELEC. FLOW SWITCH
	– RISER W/DELUGE VALVE
	– WATER MOTOR BELL
	– ELECTRIC BELL
	– FLUSH FIRE DEPT. CONNECTION

INSPECTIONS	
1.	
2.	
3.	
4.	
5.	
RESPONSIBLE MANAGING SUPERVISOR #548	
CONTRACTOR LICENSE #295	

DANFORTH ON HIGH CONDOMINIUMS
81 DANFORTH STREET
PORTLAND, MAINE 04101

FIRE PROTECTION PLAN

FREEDOM FIRE PROTECTION, INC.
209 QUAKER RIDGE ROAD
CASCO, MAINE 04015

JOB No.	M0094
DATE	10/16/12
DRAWN BY	MJN
SCALE	AS NOTED
SHEET No.	FP-1of3