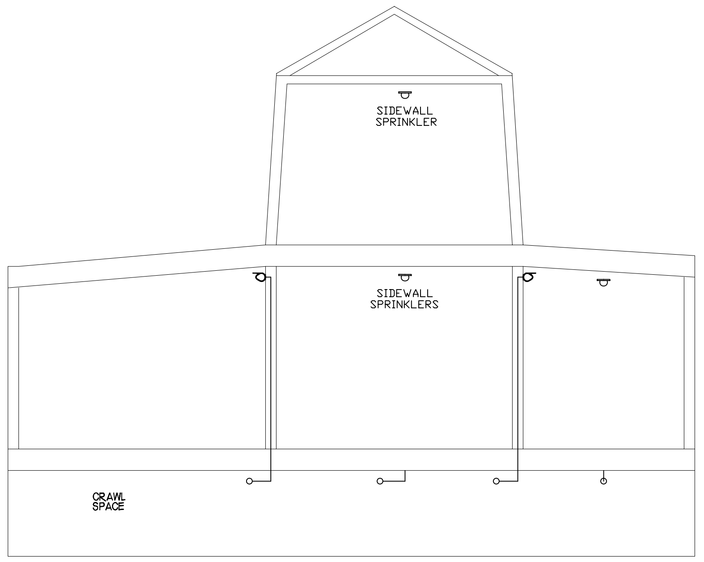
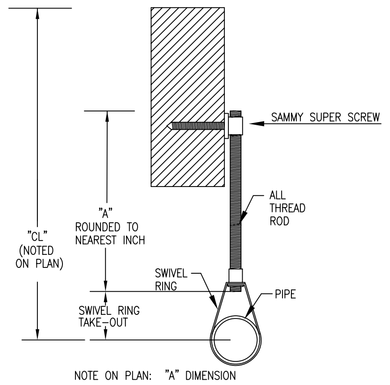
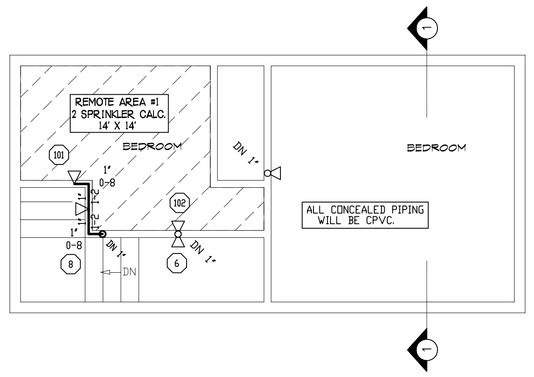


SECTION VIEW
SCALE: 1/4"=1'-0"



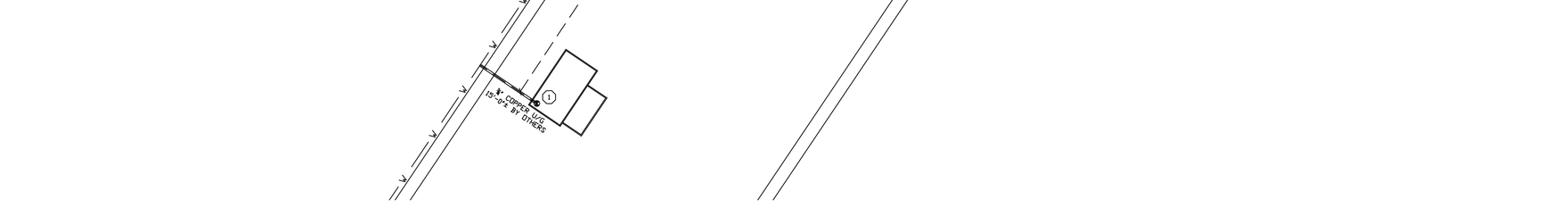
NOTE ON PLAN: "A" DIMENSION
PIPE SIZES 1" THROUGH 4" – ROD SIZE 3/8"
PIPE SIZES 5" THROUGH 8" – ROD SIZE 1/2"

TYPE #10 HANGER
NO SCALE

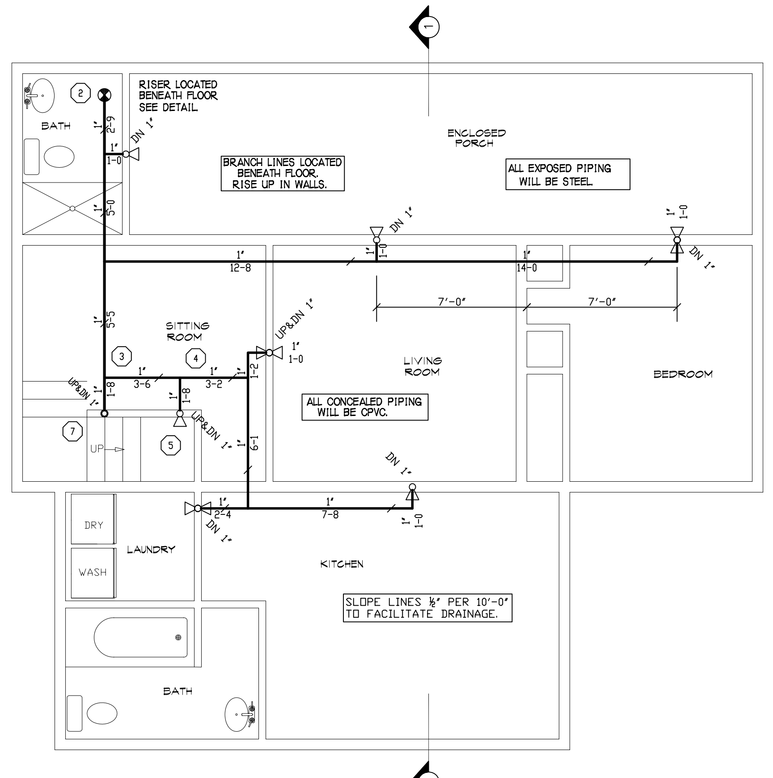


SECOND FLOOR FIRE PROTECTION

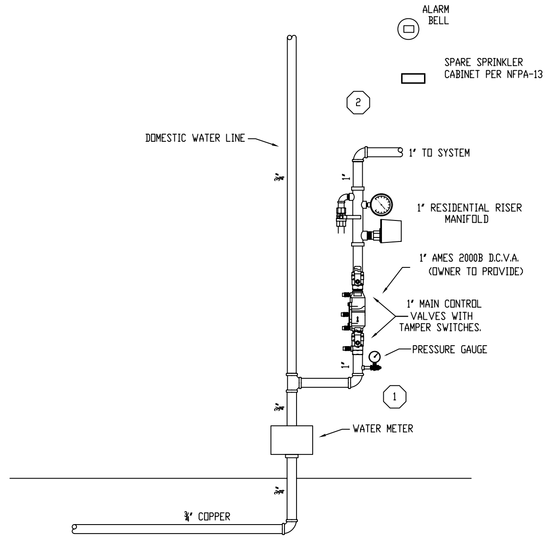
HYDRAULIC DESIGN	
SYSTEM	AREA 2ND FLOOR
SPRINKLERS CALCULATED	2 SPRINKLERS
SPRINKLER DENSITY REQ'D	14 GPM
AREA OF DISCHARGE	2 HDS
HOSE ALLOWANCE	N/A
SPRINKLER SYSTEM DEMAND @ TEST PT	28 GPM
RESIDUAL PRESSURE @ TEST PT	61 PSI
SAFETY FACTOR @ RDR	32.51 PSI



SITE PLAN
N.T.S.



GROUND FLOOR FIRE PROTECTION



FIRE SPRINKLER RISER DETAIL
SCALE: N.T.S.

GENERAL NOTES

SYSTEM TO BE DESIGNED AND INSTALLED IN ACCORDANCE WITH NFPA-13D 2010.
PIPE AND FITTINGS TO BE COMBINATION OF BLACK STEEL SCH. 40 TYPE AND APPROVED BLAZEMASTER PLASTIC CPVC DESIGNED AND APPROVED TO BE USED WITH THIS STANDARD.
ALL HANGERS TO BE SPACED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
MAX SPACING OF RESIDENTIAL SPRINKLERS TO BE 14'x14'.
ALL WIRING OF DEVICES BY OTHERS.
SPARE SPRINKLERS OF EACH TYPE SHALL BE PROVIDED PER NFPA 13.

SPRINKLERS MAY BE OMITTED FROM THE FOLLOWING:

1) BATHROOMS WHERE THE AREA DOES NOT EXCEED 55 SQ. FT. AND THE WALLS AND CEILINGS, INCLUDING BEHIND FIXTURES, ARE OF NON COMBUSTIBLE OR LIMITED COMBUSTIBLE MATERIALS PROVIDING A 15 MINUTE THERMAL BARRIER.

2) CLOTHES CLOSETS, LINEN CLOSETS, AND PANTRIES WITHIN THE DWELLING UNITS WHERE THE AREA OF THE SPACE DOES NOT EXCEED 24 SQ. FT. AND THE LEAST DIMENSION DOES NOT EXCEED 3 FT. AND THE WALLS AND CEILINGS ARE SURFACED WITH NON COMBUSTIBLE OR LIMITED COMBUSTIBLE MATERIALS AS DEFINED BY NFPA.

3) ANY PORCHES, BALCONIES, CORRIDORS, AND STAIRS THAT ARE OPEN AND ATTACHED.

4) ATTICS, PENTHOUSE EQUIPMENT ROOMS, CRAWL SPACES, FLOOR/CEILING SPACES, ELEVATOR SHAFTS, AND OTHER CONCEALED SPACES THAT ARE NOT USED OR INTENDED FOR LIVING PURPOSES OR STORAGE.

MAINTENANCE OF THE SPRINKLER SYSTEM IS THE RESPONSIBILITY OF THE OWNER.
PROTECTION OF THE SPRINKLER SYSTEM AGAINST FREEZING IS THE RESPONSIBILITY OF THE OWNER.

REVISIONS	NOTES

HEAD COUNT									
SPRINKLER TYPE	IDENTIFICATION NO.	MFG.	ESC.	MODEL	FINISH	ORIFICE	TEMP.	SYMBOL	QUANT.
QUICK RESP. SIDEWALL K= 4.2	TY1334	TYCO	2 PIECE	LFII	WHITE	1/2"	155°	◁	15
TOTAL SPRINKLERS THIS DRAWING									15

STANDARD SYMBOLS	STANDARD SYMBOLS
– POST INDICATOR VALVE	– ALARM CHECK VALVE
– KEY VALVE	– RISER W/ALARM VALVE
– FIRE HYDRANT	– RISER W/DRY VALVE
– FIRE DEPT. CONNECTION	– RISER W/ELEC. FLOW SWITCH
– O.S. & Y GATE VALVE	– RISER W/DELUGE VALVE
– SWING CHECK VALVE	– WATER MOTOR BELL
– NEW UNDERGROUND	– ELECTRIC BELL
# = ## – EXIST UNDERGROUND	– FLUSH FIRE DEPT. CONNECTION

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

457 ISLAND AVENUE
PEAKS ISLAND
PORTLAND, MAINE 04108

FIRE PROTECTION PLAN

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

JOB No.	M0065
DATE	3/5/12
DRAWN BY	MJN
SCALE	AS NOTED
SHEET No.	FP–1of1