Date: 06/04/18

THIRD FLOOR PLAN

FOURTH FLOOR PLAN

SECOND FLOOR PLAN

BUILDING SECTION

FIRST FLOOR PLAN

FIRST FLOOR - OPTIONAL ROOM

SITE PLAN

OBSTRUCTIONS AGAINST WALLS GUIDE

RESIDENTIAL PENDENTS
PER FIGURE 8.2.5.4.3

$A \geq (D - 8\ in.) + B$
WHERE $D \leq 30\ in.$

NON-CONTINUOUS OBSTRUCTION GUIDE

RESIDENTIAL PENDENTS
PER NFPA 13D: 8.2.5.2

$A \geq 36"$

CONTINUOUS OBSTRUCTION GUIDE

RESIDENTIAL PENDENTS AS PER TABLE 8.6.5.1.2

DISTANCE FROM SPRINKLERS FROM SIDE OF OBSTRUCTION (A)	MAXIMUM ALLOWABLE DISTANCE OF DEFLECTOR ABOVE BOTTOM OF OBSTRUCTION (INL) (B)
LESS THAN 1 FT.	0
1 FT. TO LESS THAN 1 FT. 6 IN.	0
1 FT. 6 IN. TO LESS THAN 2 FT.	1
2 FT. TO LESS THAN 2 FT. 6 IN.	1
2 FT. 6 IN. TO LESS THAN 3 FT.	1
3 FT. TO LESS THAN 3 FT. 6 IN.	3
3 FT. 6 IN. TO LESS THAN 4 FT.	3
4 FT. TO LESS THAN 4 FT. 6 IN.	5
4 FT. 6 IN. TO LESS THAN 5 FT.	7
5 FT. TO LESS THAN 5 FT. 6 IN.	7
5 FT. 6 IN. TO LESS THAN 6 FT.	7
6 FT. TO LESS THAN 6 FT. 6 IN.	9
6 FT. 6 IN. TO LESS THAN 7 FT.	11
7 FT. AND GREATER	14

KEYED NOTES

1. SPRINKLERS ARE NOT REQUIRED IN BATHROOMS UNDER 55 FT² PER NFPA 13R:6.6.2
2. SPRINKLERS ARE NOT REQUIRED IN CLOTHES CLOSETS AND PANTRIES UNDER 24 SQ./FT. PER NFPA 13R:6.6.3
3. SPRINKLERS ARE NOT REQUIRED IN OPEN PORCHES OR STAIRS PER NFPA 13R:6.6.5
4. SPRINKLERS ARE NOT REQUIRED IN ATTICS, CRAWL SPACES, ELEVATOR SHAFTS OR CONCEALED SPACES PER NFPA 13R:6.6.6

GENERAL NOTES:

1) NEW APARTMENT BUILDING TO BE PROTECTED WITH AN NFPA 13R COMPLIANT FIRE SPRINKLER SYSTEM.
2) WET SINGLE ZONE FIRE SPRINKLER SYSTEM TO PROTECT FIRST THROUGH FOUTH FLOOR LEVELS.
3) PIPE SIZED BY HYDRAULIC CALCULATIONS FOR THE PROTECTION OF RESIDENTIAL OCCUPANCY PER NFPA 13R STANDARDS.
4) PIPE TO BE LISTED CPVC CONNECTED WITH CPVC FITTINGS. PIPE TO BE SUPPORTED TO NFPA 13 STANDARDS.
5) SPRINKLERS OMITTED FROM SMALL BATHS, SMALL CLOSETS OPEN PORCHES AND COMBUSTIBLE CONCEALED SPACES AS PERMITTED BY NFPA 13R, CHAPTER 6, SECTION 6.8.
6) OWNER IS RESPONSIBLE TO TEST AND MAINTAIN SYSTEM TO NFPA 13R REQUIREMENTS.

HANGER DETAILS
N.T.S.

FLOW TEST INFORMATION

TEST PERFORMED: 5/18/2017 - 5/18/2018
BY: PORTLAND WATER DEPARTMENT

STATIC/RESIDUAL HYDRANT
HYD01927 - NOYES & CARLETON
STATIC READING: 55 PSI
RESIDUAL READING: 53 PSI

FLOWING HYDRANT
HYD01927 - NOYES & CARLETON
FLOW READING: 1779 GPM

RISER DETAIL
N.T.S.

PROJECT RMS - JEFFREY DENIS - RMS336

Alternative Sprinkler Fire Protection
39 Jackson Road
Poland Springs, ME
(207) 838-8930
MAINE CONTRACTOR LICENSE NUMBER - FS2850

SCALE 1/8"=1'-0"

LEGEND

6	HYDRAULIC REFERENCE POINTS
	HANGER LOCATION
	PIPE RISE/DROP
D-0	CENTER OF PIPE ABOVE FLOOR (FL-IN.)
0 Bfg	CENTER OF PIPE FROM BOTTOM OF DECK (IN.)
	EXISTING PIPE TO REMAIN
	NEW PIPE INSTALLATION
(H-)	CEILING HEIGHT

SPRINKLER INFORMATION

TOTAL HEADS THIS SHEET: 137 — TOTAL HEADS THIS JOB: 137

SYM	CNT	POSITION	FINISH	TEMP	K	NPT	MFG.	MODEL#
	10	SIDEWALL	WHITE	155	4.4	1/2"	RELIABLE	F1/RES/44 HSW
	21	SIDEWALL	WHITE	155	4.4	1"	TYCO	LF® DRY RES. HSW
	106	PENDENT	CONCEALED	155	4.9	1/2"	RELIABLE	RFC49

CONTRACT WITH:

REVISIONS

NO	DATE	DESCRIPTION

BRAMHALL ROW
749 CONGRESS STREET
PORTLAND, ME

SCALE: 1/8"=1'-0"
DRAWN BY: JGD
DATE: 2/2/2018
JOB NUMBER: SC18001
SHEET NUMBER: F1 of 1