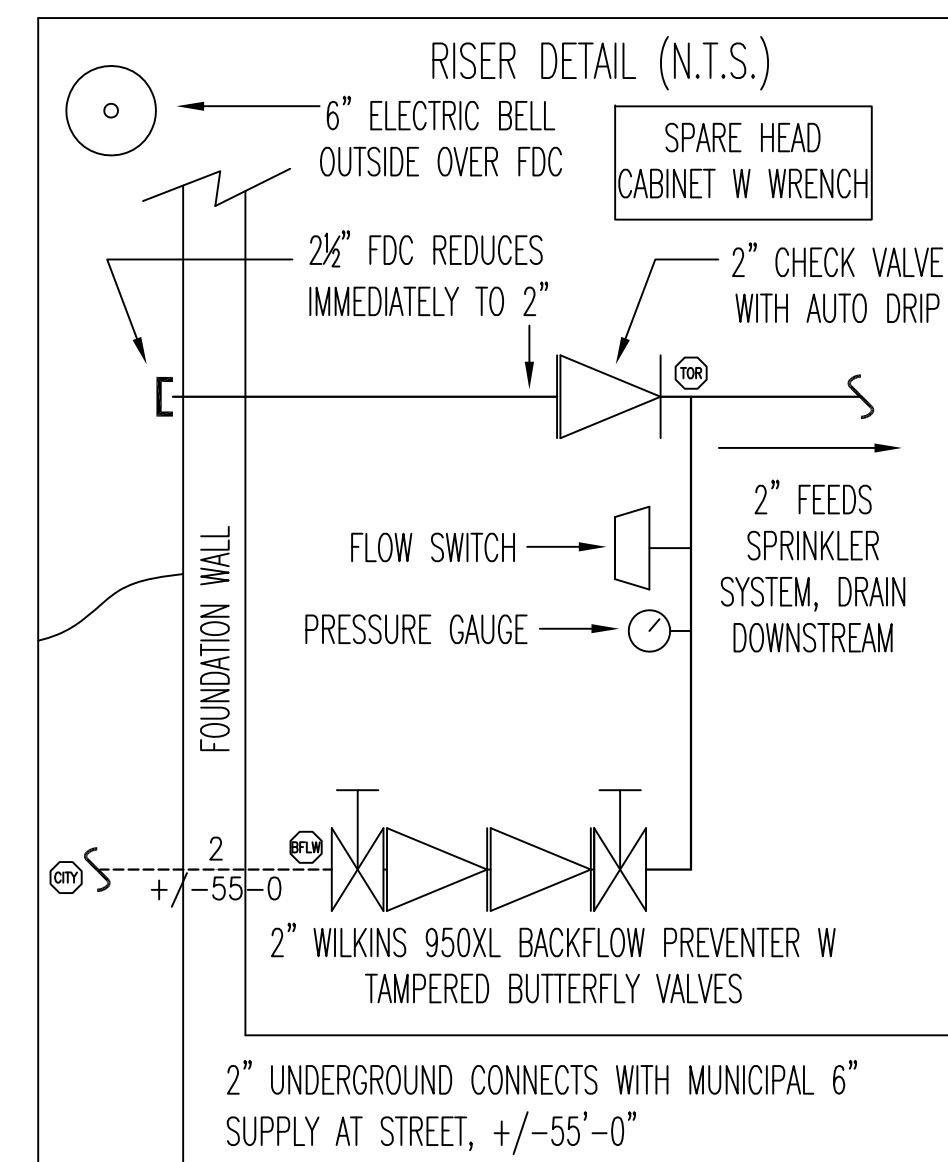


- GENERAL NOTES:**
- THIS IS A NEW INSTALLATION IN AN EXISTING BUILDING
 - ENTIRE DESIGN AND INSTALLATION SHALL COMPLY WITH NFPA 13R 2013 EDITION, STATE, AND LOCAL FIRE DEPARTMENT REGULATIONS.
 - SYSTEM IS ALSO DESIGNED TO COMPLY WITH NFPA 101 CHAPTER 33 AS RESIDENTIAL BOARD AND CARE FACILITY
 - THIS BUILDING IS OF COMBUSTIBLE CONSTRUCTION
 - SPRINKLERS HAVE BEEN OMITTED FROM CONCEALED SPACES AS ALLOWED PER NFPA 13R 6.6.6
 - HANGERS AND SUPPORTS TO BE INSTALLED PER NFPA 13R 2013 EDITION.
 - SUFFICIENT HEAT SHALL BE PROVIDED BY OWNER TO PREVENT WET SYSTEM PIPING FROM FREEZING
 - ELECTRICAL DEVICES SHALL BE WIRED BY OTHERS

MATERIAL:
ALL NEW EQUIPMENT SHALL BE LISTED AND/OR APPROVED.

PIPING AND FITTINGS:
STEEL PIPE - SCH. 40 THREADED AND SCH. 10 GROOVED, BLACK CAST IRON FITTINGS, LISTED GROOVED FITTINGS

- ADDITIONAL NOTES:**
- ANY CHANGE IN OCCUPANCY, STORAGE COMMODITY OR STORAGE ARRANGEMENTS MAY CAUSE THE SYSTEM TO FAIL OR IMPEDE OPERATION AND SHOULD BE ANALYZED BY A QUALIFIED FIRE PROTECTION DESIGNER AND AUTHORITY HAVING JURISDICTION.
 - MAINTENANCE OF THE FIRE SPRINKLER SYSTEM SHALL BE THE RESPONSIBILITY OF THE OWNER
 - PLAN IS SUBJECT TO MODIFICATION IN THE FIELD DUE TO SITE CONDITIONS AND/OR TRADE COORDINATION. MODIFICATIONS SHALL NOT AFFECT CODE COMPLIANCE OR SCOPE OF WORK.
 - SPRINKLERS ARE TO BE LOCATED WITH RESPECT TO THE OBSTRUCTION RULES SET FORTH IN NFPA 130.



WATER INFO
POD-HYD00019 (WS001259)
2005-07-26
STATIC PRESSURE: 52 PSI
RESIDUAL PRESSURE: 50 PSI
FLOW: 992 GPM
FLOW HYDRANT: POD-HYD00336

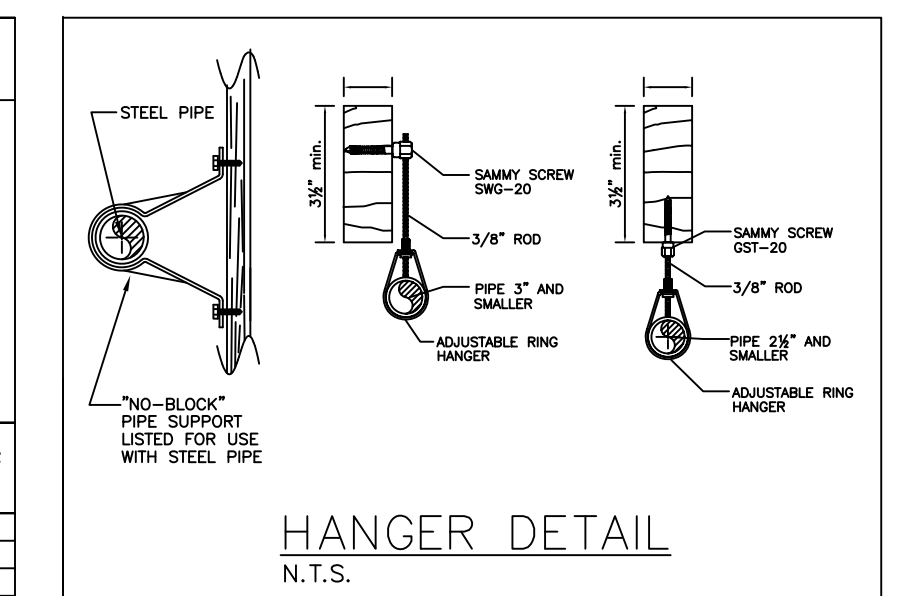
SPRINKLER SPACING
F1RES44 SIDEWALLS (EXCEPT WHERE NOTED):
16'-0" MAX. BETWEEN SPRINKLERS
8'-0" MAX. DISTANCE FROM LATERAL WALL
16'-0" MAX. DISTANCE FROM OPPOSITE WALL
8'-0" MIN. BETWEEN SPRINKLERS

AVOIDING OBSTRUCTIONS
RESIDENTIAL SIDEWALL SPRINKLERS PER NFPA 13R FIGURE 6.4.4.3.7(2)(3)

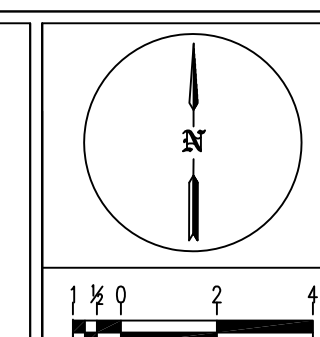
DISTANCE FROM SIDEWALLS FROM SIDE OF OBSTRUCTION (A)	MAXIMUM ALLOWABLE DISTANCE OF DEFLECTOR ABOVE BOTTOM OF OBSTRUCTION (N) (B)
LESS THAN 8 FT.	Not Allowed
8 FT. TO LESS THAN 10 FT.	1
10 FT. TO LESS THAN 11 FT.	2
11 FT. TO LESS THAN 12 FT.	3
12 FT. TO LESS THAN 13 FT.	4
13 FT. TO LESS THAN 14 FT.	6
14 FT. TO LESS THAN 15 FT.	7
15 FT. TO LESS THAN 16 FT.	9
16 FT. TO LESS THAN 17 FT.	11
17 FT. OR GREATER	14

AVOIDING OBSTRUCTIONS ALONG THE WALL
RESIDENTIAL SIDEWALL SPRINKLERS PER NFPA 13R FIGURE 6.4.4.3.7(2)(3)

DISTANCE FROM SIDEWALLS FROM SIDE OF OBSTRUCTION (A)	MAXIMUM ALLOWABLE DISTANCE OF DEFLECTOR ABOVE BOTTOM OF OBSTRUCTION (N) (B)
LESS THAN 1 FT. 6 IN.	0
1 FT. 6 IN. TO LESS THAN 3 FT.	1
3 FT. TO LESS THAN 4 FT.	3
4 FT. TO LESS THAN 4 FT. 6 IN.	5
4 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. TO LESS THAN 7 FT. 6 IN.	14



LIFE SAFETY
Fire Protection, Inc.
97 Lower Jaffrey Road
Dublin, NH 03444
(603) 563-7700 phone
(603) 563-7070 fax



LEGEND

(R)	HYDRAULIC REFERENCE POINTS
(H)	HANGER LOCATION
(D)	PIPE RISE/DROP
(0-0)	CENTER OF PIPE ABOVE FLOOR (ft.-in.)
(0 Bts)	CENTER OF PIPE FROM BOTTOM OF DECK (ft.)
(-)	EXISTING PIPE TO REMAIN
(-)	NEW PIPE INSTALLATION
(-)	CEILING HEIGHT

SPRINKLER INFORMATION

SYM	QNT	POSITION	FINISH	TEMP	K	NPT	SIN	MFG.	MODEL#
◀	43	SIDEWALL	WHITE	155	4.4	1/2"	R35.31	RELIABLE	F1RES44
○	6	UPRIGHT	BRASS	155	5.6	1/2"	R36.25	RELIABLE	F1FR
◁	5	DRYSIDEWALL	WHITE	155	5.6	1/2"	R57.34	RELIABLE	F3OR

15 WEST STREET
PORTLAND, ME

CONTRACT WITH: CORNERSTONES OF MAINE

REVISIONS

NO	DATE	DESCRIPTION

SCALE: 1/4"=1'-0"
DRAWN BY: CJT
DATE: 07/05/17
JOB NUMBER: 17076
SHEET NUMBER: F1 of 1