

PROJECT DESCRIPTION

BUILDING CONSTR.:
 THE BUILDING IS A LIGHT 4-BASEMENT
 FOR MULTIPLE USES. THE BUILDING IS
 INSULATED AND GYP BOARD CONSTRUCTION
 STEEL PIPING ON ALL FLOORS

BUILDING OCCUPANCY:
 THE BASEMENT WAS BUILT FOR
 STORAGE. THE SECOND FLOOR WAS BUILT AND DESIGNED FOR
 RETAIL AND MERCANTILE SPACE.
 FORE STREET FLOOR WAS BUILT AND DESIGNED FOR
 BAR AND RESTAURANT SPACE AND BUILT HALF
 SECOND FLOOR AND RESTAURANT SPACE.
 THIRD FLOOR AND LOFTS ARE DESIGNED AND BUILT
 AS RESIDENTIAL SPACE ONLY.

SPRINKLER SYSTEM DESIGN:
 THIS IS A WET SYSTEM THROUGHOUT
 THE BUILDING. THE SYSTEM WAS DESIGNED TO MEET ALL APPLICABLE
 CODES REGARDING NFPA 13 2010ed, SYSTEM.

HIGH TECH
 FIRE PROTECTION
 P.O. BOX 156
 MANOY, ME 04258-0156
 TEL: (207) 968-2581 FAX: (207) 968-4877

NAME LICENSE # 102
 GENERAL CONTRACTOR ON RECORD:
 LANDRY & FRONCH
 219-0680

SPECIAL APPLICATIONS:
 NO. DESCRIPTION:
 1. FIRE CAULK WALL PENETRATION
 WHERE REQUIRED TO MEET
 BUILDING SPECIFIC RATINGS.

LEGEND:
 ○ IN PIPE RISER UP
 ○ IN PIPE RISER DOWN
 ○ PROPOSED STEEL
 ○ SYSTEM RISER
 ○ HYDRAULIC CALC. POINT

DESIGN NOTES:
 ALL PIPING 1 1/2" & LARGER TO BE SCHEDULE 40
 UNLESS NOTED OTHERWISE.
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 POSITION, LOCATION, SPACING, AND USE OF SPRINK-
 LERS SHALL BE IN ACCORDANCE WITH NFPA 13.
 SPRINKLER HEADS SHALL BE IN ACCORDANCE WITH NFPA 13.
 HYDRAULIC CALCULATION PROCEDURES HAVE BEEN
 USED TO DETERMINE THE LOCATION OF HEADS, INSTANTANEOUS
 REFERENCE POINTS, AND SYSTEM DEMANDS.
 EACH TEST FIRE PROTECTION IS TO BEIN WORK
 HEADS AND LOCATIONS SHALL BE TO ACCOMMODATE
 ACTUAL FIELD CONDITIONS.
 ALL MECHANICAL, ELECTRICAL AND PLUMBING
 EQUIPMENT SHALL BE INSTALLED TO PREVENT WATER FLOODING AND
 DAMAGE TO EQUIPMENT.
 ALL ELECTRICAL WORK IS TO BE DONE BY OTHERS.

HEAD LEGEND:
 ○ GLOBE
 MODEL: QJ5601
 K-5.6
 ○ 1/2" WHITE PENDENT
 MAX SPACING: 10X12
 GLOBE
 MODEL: QJ5615
 K-5.6
 ○ 1/2" BRASS UPRIGHT
 DEFLECTORS: 1" TO 12" BELOW
 NON-COMBUSTIBLE CEILINGS
 12X12 MAX SPACING
 GLOBE
 MODEL: QJ5641
 K-5.6
 △ 1" DRY HORIZONTAL
 DEFLECTORS: 4" TO 6" BELOW
 NON-COMBUSTIBLE CEILINGS
 12X12 MAX SPACING
 GLOBE
 MODEL: QJ085676
 K-4.85
 △ 1/2" HORIZONTAL SPERMALLOY
 DEFLECTORS: 4" TO 6" BELOW
 NON-COMBUSTIBLE CEILINGS
 14X14 MAX SPACING

SPRINKLER SYSTEM COMPONENT DESCRIPTIONS

- 2 1/2" SUPPLY (EXISTING)
- WATER PRESSURE GAUGE (EXISTING)
- AME3200 BACK FLOW PREVENTER (EXISTING)
- FLEW SWITCH
- 2 1/2" FEED TO EXISTING SYSTEM (EXISTING)
- 2 1/2" SWING CHECK VALVE
- 2 1/2" BUTTERFLY VALVE
- 2 1/2" FEED TO NEW SYSTEM
- CUT IN TEE FOR 419/420 FORE STREET

OR APPROVED EQUAL*

SCALE:
 TOTAL HEADS ON THIS SHEET: 105
 1" = 3'
 3/8" = 3'

DATE: MAY 22, 2015
DESIGNER: JEFF PERINELLI
CHECKER: ERIC J. JROSS
INCH LEVEL: R185808 III 128301

LOCATION:
 420 FORE STREET
 PORTLAND, ME

DRAWING TITLE:
 420 FORE STREET
 BASEMENT THROUGH
 SECOND FLOOR
 FIRE PROTECTION PLAN
 (NFPA 13 2010ed.)

DRAWING NO.:
 FP-01

