

PROJECT DESCRIPTION

BUILDING CONST.:
 THE BUILDING IS 3 LEVELS WITH A SUB-BASEMENT. THE BUILDING IS A COMPLETE OFFICE BUILDING WITH INSULATION AND GYP BOARD CONSTRUCTION. STEEL SPRINKLER PIPING THROUGHOUT.

BUILDING OCCUPANCY:
 THE BUILDING WAS BUILT & DESIGNED FOR MEDICAL OFFICES AND BUSINESS OFFICES. SPRINKLER SYSTEM DESIGN.

THERE IS A WET SPRINKLER SYSTEM FOR THE COMPLETE BUILDING. ZONED BY FLOOR AND FED BY AN EXISTING 8" RISER RISER IS FED FROM FREE STREET UNDERGROUND SHOWN ON P1-01 BASEMENT PLAN.

MECHANICAL ROOMS AND STORAGE AREA ARE ON THE 2ND FLOOR. 130 SQ.FT. MAX. OF STORAGE AREAS AND WALKING AREAS ARE LIGHT HAZARD TOWER #2 AND WILL HAVE 2 1/2" HOSE VALVES ON ALL INTERMEDIATE STAR LANDINGS.

THE SPRINKLER SYSTEM WAS DESIGNED TO MEET ALL APPLICABLE CODES REGARDING NFPA 13 2007ed. SYSTEM.

HIGH TECH FIRE PROTECTION

P.O. BOX 156
 MAINT. ME 04258-0258
 TEL(207) 998-2581 FAX(207) 998-4877
 MAINE LICENSE # 102

GENERAL CONTRACTOR ON RECORD-
 CONSIGL CONSTRUCTION
 (207) 791-2519

REVISIONS:	NO.	DATE:	DESCRIPTION:
SPECIAL APPLICATIONS:	NO.	DESCRIPTION:	
1. FIRE GULCH WALL PENETRATION WHERE REQUIRED TO MEET BUILDING SPECIFIC RAININGS.			
2. HEADS CENTER OF TILE IN ALL ACUSTICAL CEILINGS			

LEGEND:

- 8" PIPE RISER UP
- 2" PIPE RISER DOWN
- AUXILIARY DRAIN
- PROPOSED PIPE
- SYSTEM RISER
- PIPE FITTING 2" MAINS 3" LINES
- 4" WAT SWAN BRACING
- 2" WAT SWAN BRACING
- HYDRAULIC CALC. POINT

DESIGN NOTES:

ALL PIPING 1.127" & LARGER TO BE SCHEDULE 40 WITH APPROVED DUCTILE IRON FITTINGS.

ALL PIPING 1.127" & SMALLER TO BE SCHEDULE 40 POSITION, LOCATION, SPACING, AND USE OF SPRINKLERS SHALL BE IN ACCORDANCE WITH NFPA 13.

POSITION, LOCATION, SPACING, AND USE OF HANGERS HYDRAULIC CALCULATION PROCEDURES HAVE BEEN DONE IN ACCORDANCE WITH NFPA 13 (SEE PLANS REFERENCE PRINTS, AND SYSTEM HEADINGS).

HIGH TECH FIRE PROTECTION IS TO BEGIN WORK AT 6" UN-FLAME 1" ABOVE FF. INSIDE OF BUILDING DIMENSIONS AND LOCATIONS SHOWN FOR SPRINKLER OWNERS TO PROVIDE ADEQUATE HEAD THROUGHOUT ALL ROOMS TO ACCOMMODATE TO ASSURE COMPLETE ACTUAL FIELD CONDITIONS.

ALL MECHANICAL, ELECTRICAL AND PLUMBING TRADES TO COORDINATE THEIR WORK WITH ALL ELECTRICAL WORK IS TO BE DONE BY OTHERS.

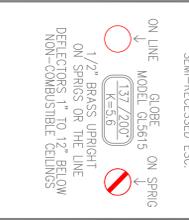
MODEL QLS606
 1/4" / 1/55"
 K=5.6

MODEL QLS601
 15" / 1/55"
 K=5.6

1/2" WHITE CONCEALED PENDENT SEMI-RECESSED ESC.

ON LINE GLOBE ON SPRING
 MODEL QLS615
 K=5.6

1/2" BRASS UPRIGHT ON SPRINGS OR THE LINE DEFLECTORS 1" TO 1 1/2" BELOW NON-COMBUSTIBLE CEILINGS



TOTAL HEADS ON THIS SHEET 326
 SCALE: 1 1/8" = 1'-0"
 DATE: AUGUST 12, 2010
 DESIGNER: ED POLUN (RMS# 515)
 CHECKER: J. H. GIBB # 108534
 LOCATION: 110 FREE STREET PORTLAND, ME
 DRAWING TITLE: MAINE HEALTH SECOND FLOOR FIRE PROTECTION PLAN (NFPA 13 2007ed.)
 DRAWING NO.: FP-03

