Date: 10/07/15

PROJECT DESCRIPTION

BUILDING CONST:
THE BUILDING IS MULTI LEVEL CONCRETE & STEEL CONSTRUCTION WITH STEEL WALL STUDS AND GYP BOARD CONSTRUCTION. SUSPENDED ACT AND GWB CEILINGS AS SHOWN. STEEL SPRINKLER PIPING AS SHOWN ON PLAN.

BUILDING OCCUPANCY:
THE BUILDING WAS BUILT & DESIGNED FOR HOSPITAL PATIENT ROOMS AND EXAM OFFICES. OUR CONTRACT WORK ON THE 6TH FL.

SPRINKLER SYSTEM DESIGN:
THERE IS AN EXISTING WET SYSTEM FOR THE ENTIRE FLOOR. WE ARE REWORKING THE EXISTING OUTLETS AND REPLACING LINES AND MAINS WHERE THEY INTERFERE WITH HVAC UNITS AND LIGHTING

ALL NEW HEADS WILL BE CONCEALED PENDENTS FEED FROM SCH-40 LINES ABOVE THE CEILINGS. ALL PIPING TO BE CONCEALED.

GC TO PROPERLY INSULATE AROUND SPRINKLER PIPING TO PREVENT WATER FILLED PIPE FROM FREEZING.

THE SPRINKLER SYSTEM WAS DESIGNED TO MEET APPLICABLE CODE REGARDING NFPA 13 2010ed. SYSTEM.

HIGH TECH FIRE PROTECTION
P.O. BOX 156
MINOT, ME. 04258-0258
TEL:(207) 998-2551 FAX:(207) 998-4187
MAINE LICENSE # 102

GENERAL CONTRACTOR ON RECORD:
SUFFOLK CONSTRUCTION COMPANY
PM: PATRICK RYAN 617-517-5256
APM: APRIL NOYES 617-517-4587

SPECIAL APPLICATIONS:
SPRINKLER HEADS CENTER OF TILE
ALL LINES 2" AND SMALLER SCH 40
ALL MAINS 2 1/2" AND LARGER SCH 10

LEGEND:
- RM/DN PIPE RISER UP OR DOWN
- EXISTING OUTLET
- NEW SPRINKLER PIPE
- EXISTING SPRINKLER PIPE
- SYSTEM RISER
- HYDRAULIC CALC. POINT

DESIGN & SYSTEM NOTES:

ALL PIPING 2 1/2" & LARGER TO BE SCHEDULE 10 WITH GROOVED DUCTILE IRON FITTING.

ALL PIPING 2" & SMALLER TO BE SCHEDULE 40 WITH APPROPRIATE FITTING.

POSITION, LOCATION, SPACING, AND USE OF SPRINKLERS SHALL BE IN ACCORDANCE WITH NFPA 13.

POSITION, LOCATION, SPACING, AND USE OF HANGERS SHALL BE IN ACCORDANCE WITH NFPA 13.

HYDRAULIC CALCULATION PROCEDURES HAVE NOT BEEN DONE IN ACCORDANCE WITH NFPA 13. (SEE PLANS FOR LOCATION OF REMOTE AREAS, HYDRAULIC REFERENCE POINTS, AND SYSTEM DEMANDS.)

HIGH TECH FIRE PROTECTION IS TO BEGIN WORK AT 2 1/2" MAIN 1' AFF INSIDE OF BUILDING.

DIMENSIONS AND LOCATIONS GIVEN FOR SPRINKLER HEADS AND PIPE MAY VARY TO ACCOMMODATE ACTUAL FIELD CONDITIONS.

OWNER TO PROVIDE ADEQUATE HEAT THROUGHOUT BUILDING TO PROTECT WATER FILLED PIPING AND EQUIPMENT FROM FREEZING TEMPERATURES.

ONLY TRI-SEAL TYPE COUPLINGS TO BE INSTALLED ON DRY AND OR PRE-ACTION SYSTEMS.

OWNER IS RESPONSIBLE TO MAINTAIN THE SPRINKLER SYSTEM IN ACCORDANCE WITH THE LATEST EDITION OF NFPA 25, "INSPECTION, TESTING, & MAINTENANCE OF WATER-BASED FIRE PROTECTION SYSTEMS" AND/OR ALL APPLICABLE FEDERAL, STATE, AND/OR LOCAL LAWS, CODES AND ORDINANCES.

ALL MECHANICAL, ELECTRICAL AND PLUMBING TRADES TO COORDINATE THEIR WORK WITH SPRINKLER CONTRACTOR.

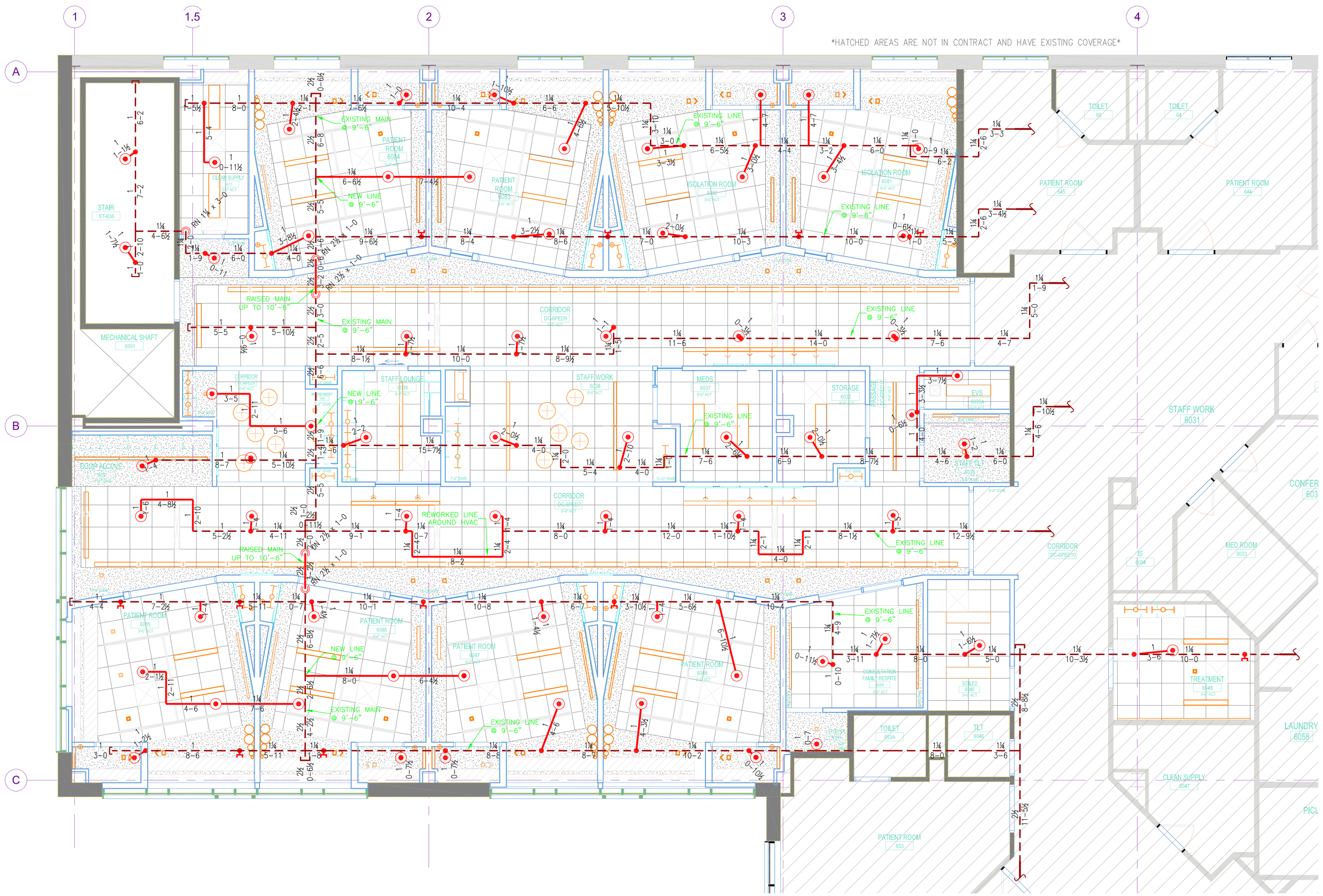
ALL ELECTRIC WORK IS TO BE DONE BY OTHERS.

HEAD LEGEND:

VICTAULIC*
MODEL V3802
.64 /155°
K=5.6
1/2" WHITE PENDENT
CONCEALED ESCUTCHEION
196 SQ.FT. MAX
CENTER OF TILE

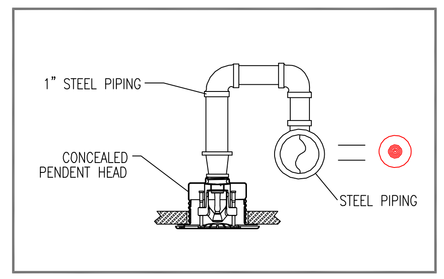
EXISTING SPRINKLER OUTLET LOCATION
1" OUTLET ON THE LINE

HATCHED AREAS ARE NOT IN CONTRACT AND HAVE EXISTING COVERAGE



HATCHED AREAS ARE NOT IN CONTRACT AND HAVE EXISTING COVERAGE

6 SIXTH FLOOR (WET)
TOTAL PROTECTED AREA 5,300 SQ.FT.
SCALE 1/4" = 1'-0"



6.1 HEAD DETAIL
SCALE: N.T.S.

OR APPROVED EQUAL

TOTAL HEADS ON THIS SHEET: 64

SCALE: 1/4" 0 1 2 3 4 — SCALE 1/4"=1'-0"

REVISIONS:
NO. DATE: DESCRIPTION:

DATE: SEPTEMBER 4, 2015
DESIGNER: ED POULIN (RMS# 515)
NICET LEVEL: IV CERT # 108534
CHECKED BY: J. FOSS

LOCATION:
22 BRAMHALL STREET
PORTLAND, ME

DRAWING TITLE:
MAINE MEDICAL CENTER
PICU 6TH FLOOR

FIRE PROTECTION PLAN
(NFPA 13 2010ed.)

DRAWING NO.:
FP-01