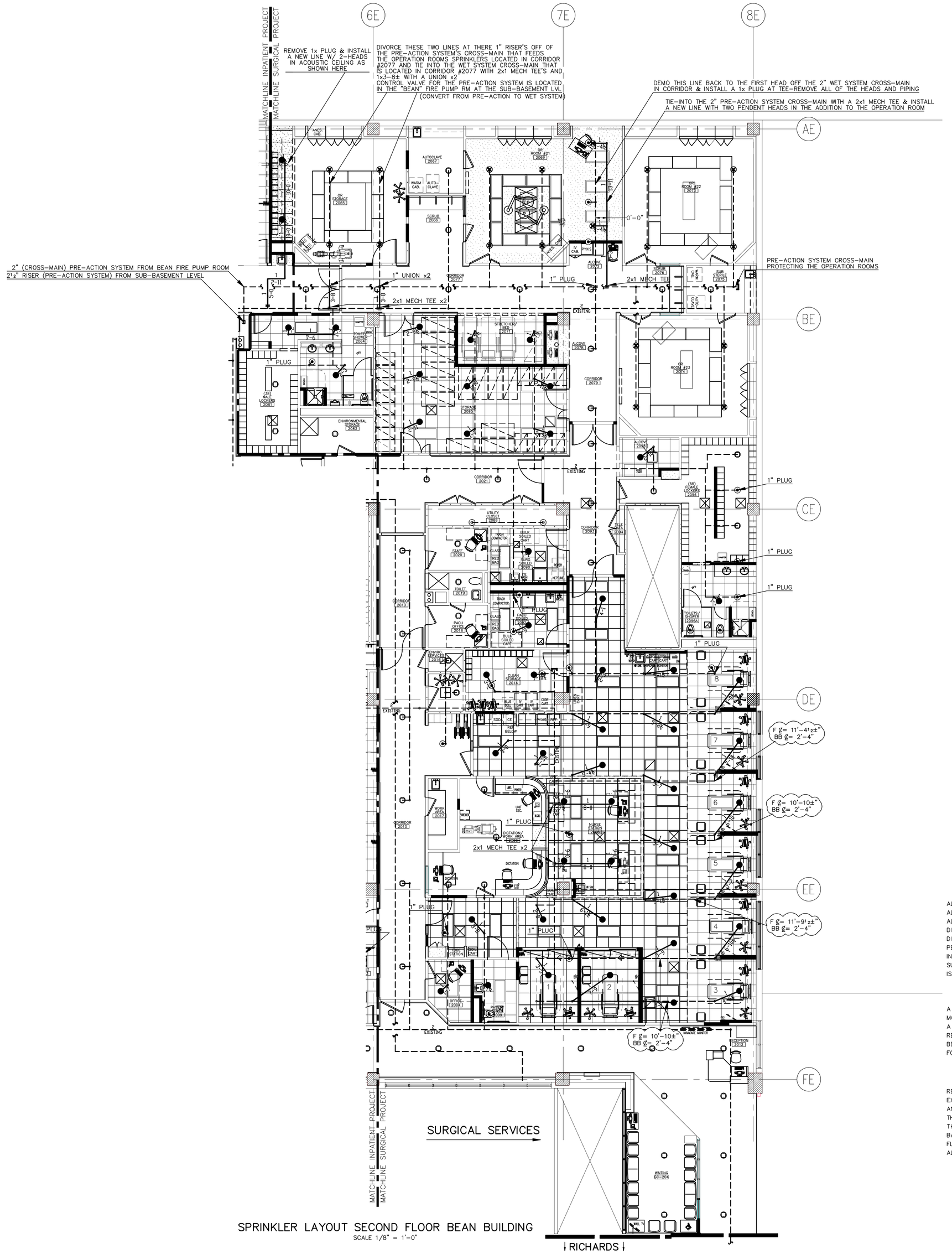


SPRINKLER LAYOUT SECOND FLOOR BEAN BUILDING
SCALE 1/8" = 1'-0"

## LEGEND:

- ○ EXISTING UPRIGHT SPRINKLER ON A BRANCH LINE
- ◎ EXISTING UPRIGHT SPRINKLER ON A 1" SPRIG
- ⊗ EXISTING CONCEALED PEND. SPRK. (DRY SYSTEM-OPERATING ROOM) ON A 1" DROP, TO BE REPLACED WITH A NEW CONCEALED PENDENT SPRINKLER
- ⊙ EXISTING RECESSED PEND. SPRK ON A 1" DROP TO BE RELOCATED OR PLUGGED
- ● NEW CONCEALED PENDENT SPRINKLER ON A 1" DROP
- ○ EXISTING RECESSED PENDENT SPRINKLER ON A 1" DROP, TO BE REPLACED WITH A NEW CONCEALED PENDENT SPRINKLER LOCATION SHOWN MAY NOT BE EXACTLY THE EXISTING LOCATION
- ○ RISE OR DROP
- ⬭ GROOVED COUPLING
- (X'-X") CEILING HEIGHT
- HANGER
- EXISTING SPRINKLER PIPING

F ℄= X'-X" FINISHED FLOOR TO PIPE CENTERLINE
BJ ℄= X'-X" BOTTOM OF JOIST TO PIPE CENTERLINE
BB ℄= X'-X" BOTTOM OF BEAM TO PIPE CENTERLINE
C ℄= X'-X" CEILING TO PIPE CENTERLINE
D ℄= X'-X" CONCRETE DECK TO PIPE CENTERLINE

## GENERAL NOTES:

ALL THREADED PIPE IS TO BE SCH. 40 BLACK STEEL U/N.
ALL GROOVED PIPE IS TO BE SCH. 10 BLACK STEEL U/N.
ALL THREADED PIPE FITTINGS ARE TO BE BLACK CAST IRON, CLASS 125 U/N.
DIMENSIONS SHOWN ON THREADED PIPE ARE CENTER TO CENTER U/N.
DIMENSIONS SHOWN ON GROOVED PIPE ARE "CUT" LENGTHS U/N.
PENDENT SPRINKLERS IN ACOUSTIC TILE CEILINGS ARE TO BE LOCATED IN THE CENTER OF CEILING TILE MODULES.
SUFFICIENT HEAT TO PREVENT FREEZING OF THE WET SPRINKLER SYSTEM IS REQUIRED TO BE FURNISHED BY THE BUYER/OWNER.

## SYSTEM CLASSIFICATION:

A WET PIPE SYSTEM OF AUTOMATIC SPRINKLERS TO BE REWORKED, MODIFIED TO BRING TO CODE WITH NEW CONSTRUCTION BEING DONE.
A DRY PIPE PRE-ACTION SYSTEM OF AUTOMATIC SPRINKLERS TO BE REWORKED, MODIFIED TO BRING TO CODE WITH NEW CONSTRUCTION BEING DONE. ALL TO BE IN ACCORDANCE WITH NFPA-13, STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS, 2007 EDITION.

## SCOPE OF WORK:

RELOCATE 45 SPRINKLERS, ADD 9, AND REMOVE (PLUG) 12 SPRINKLERS ON THE EXISTING 2ND FLOOR WET SYSTEM, ADD 2 SPRINKLERS ON THE PRE-ACTION SYSTEM AND DIVORCE 4 SPRINKLERS FROM THE PRE-ACTION SYSTEM AND RECONNECT THEM TO THE WET SYSTEM. THE PRE-ACTION SYSTEM FEEDS THE 2ND FLOOR OPERATING ROOMS THE CONTROL VALVE IS LOCATED IN THE BEAN FIRE PUMP ROOM AT THE SUB-BASEMENT LEVEL. THE CONTROL VALVE FOR THE WET SPRINKLER SYSTEM IS LOCATED ON 2ND FLOOR ABOVE THE ACOUSTIC CEILING JUST OUTSIDE THE STAIR TOWER #34 IN CORRIDOR. ALL EXISTING RECESSED SPRKS ARE TO BE REPLACED WITH NEW CONCEALED TYPE SPRKS.


DEAN & ALLYN, INC.
FIRE PROTECTION · SPECIAL HAZARD
PO BOX 709, GRAY, MAINE 04039
(207)657-5646 FAX:(207)657-5647


54 / 155° — VIKING VK462 – PART NUMBER 13503A
QUICK RESPONSE / STANDARD COVERAGE CONCEALED PENDENT W/ WHITE COVERPLATE
1/2"X1/2" K=5.6
HEAD WRENCH – PART NUMBER 14047 (STANDARD)

SCALE 1/8"=1'-0"

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | | APPROVED BY | DATE | | |
| | | | | | / / | SURVEYED BY | JRW 11/14/08 |
| | | | | | / / | DRAWN BY | JRW 11/14/08 |
| | | | | | / / | CHECKED BY | TEC 12/1/08 |
| | | | | | / / | AT DEAN & ALLYN, INC | |
| | | 0 SUBMIT FOR APPROVAL | 12/02/08 | | / / | SCALE 1/8"=1'-0" U/N | |
| | | REVISIONS | DATE | | / / | SHEET NO. 1 OF 1 | |

DANA A. STEWART
NICET IV - #064544

DRAWING TITLE: SURGICAL SERVICES — REV. 0

JOB: MMC-2ND FLOOR BEAN BLDG
22 BRAMHALL STREET
PORTLAND, MAINE

CONTRACT WITH: LANGFORD & LOW CONSTRUCTION, INC
248 WARREN AVE - PORTLAND, ME 04104

NEW SPRK- 9
RELOCATED SPRK- 45
NO. OF SPRINKLERS ON JOB 116
CONTRACT NO. C0810821