

4 PLOT PLAN
SCALE: N.T.S.

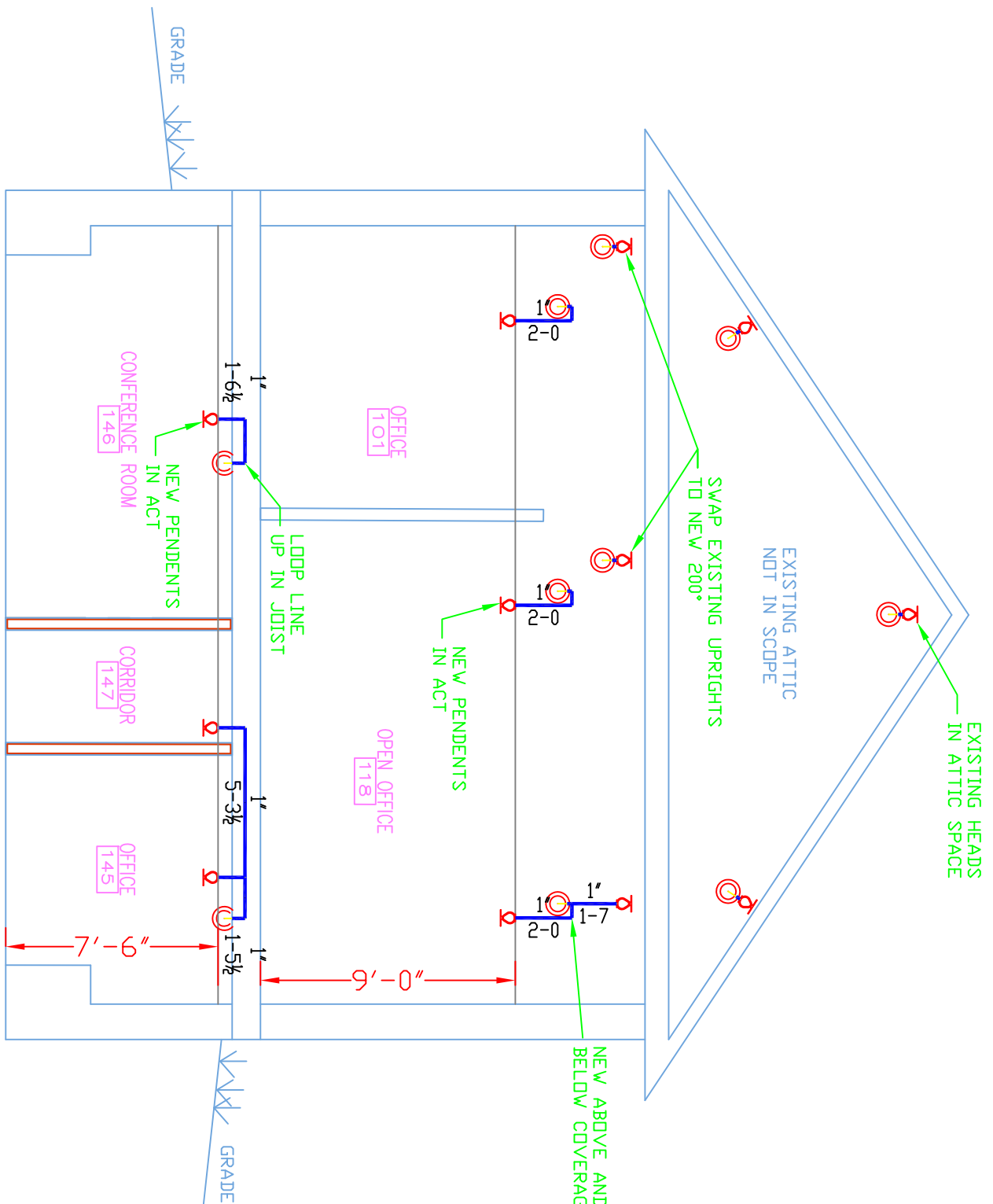
PROJECT DESCRIPTION

BUILDING CONSTRUCTION:
THE BUILDING IS 2 LEVELS + EXISTING ATTIC, CONSTRUCTED OF WOOD FRAMING, FIBERGLASS INSULATION, AND GYP BOARD CONSTRUCTION. STEEL DRY SPRINKLER PIPING AS SHOWN ON PLAN.

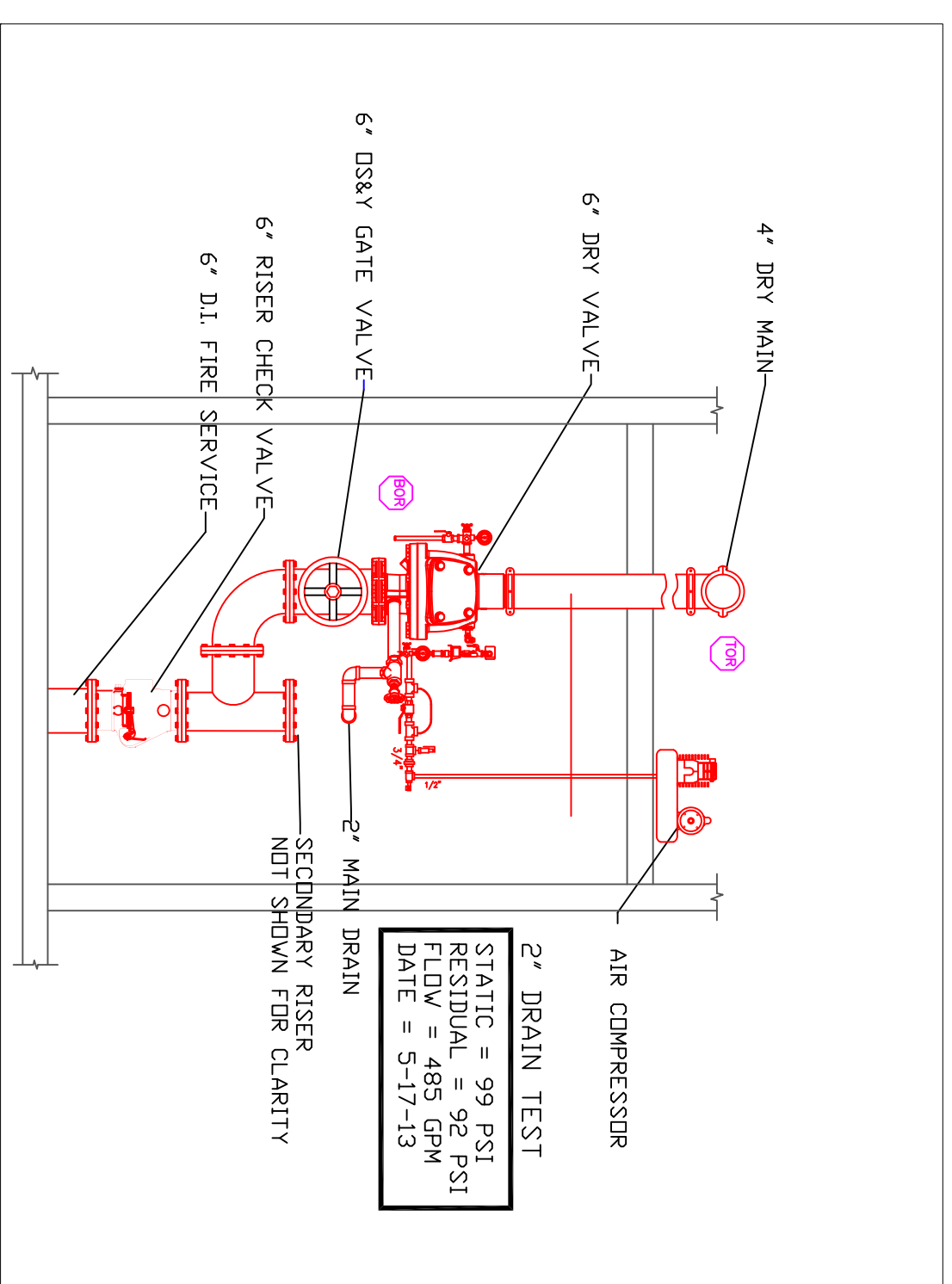
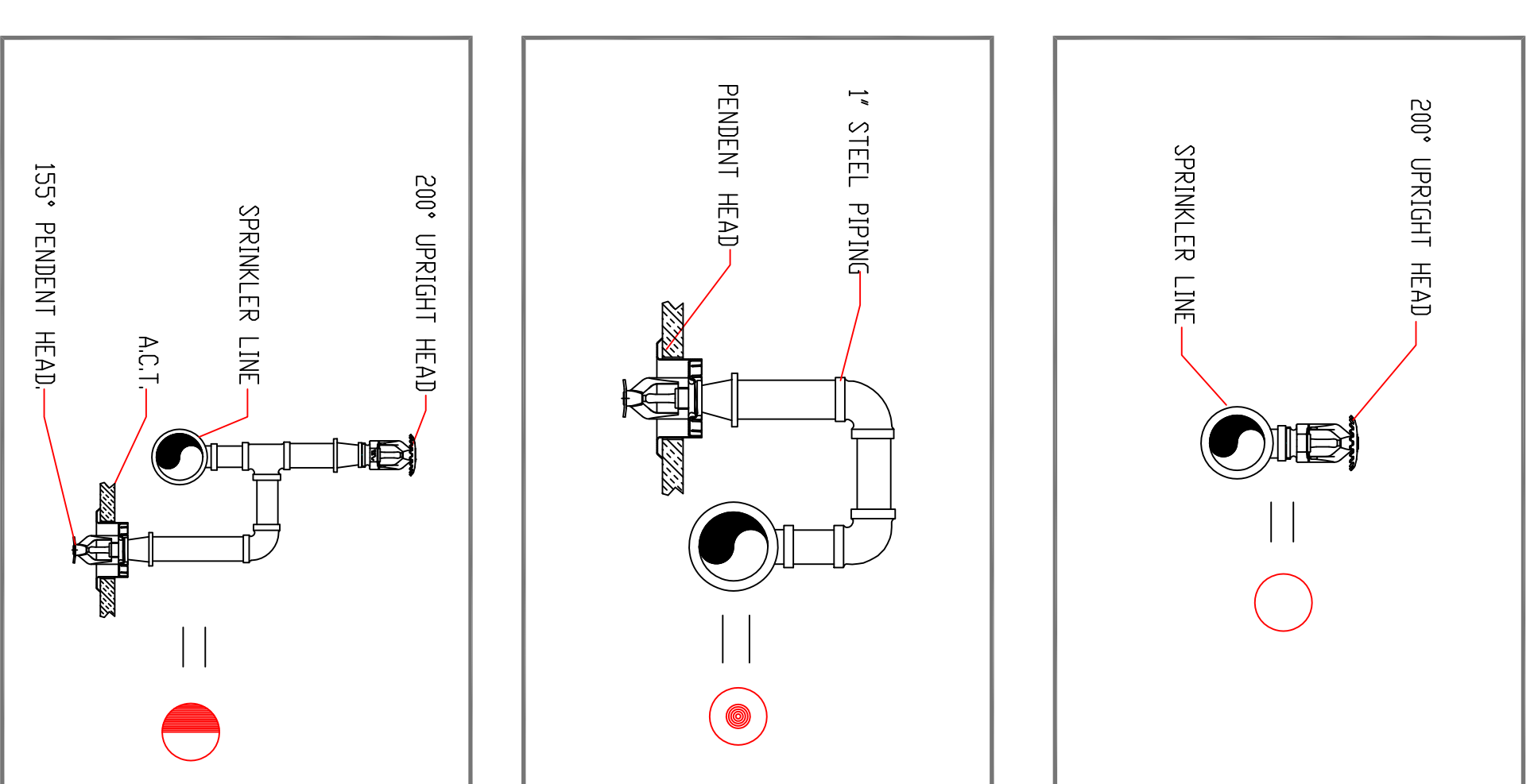
BUILDING OCCUPANCY:
THE BUILDING WAS REMOVED FOR THE USE OF OFFICE SPACE WITH AN UNOCCUPIED ATTIC.

SPRINKLER SYSTEM DESIGN:
THERE IS AN EXISTING DRY SYSTEM FOR THE BUILDING WHICH FEEDS THIS TENANT SPACE. WE ARE MODIFYING AND ADDING NEW COVERAGE FOR THE NEW TENANT FLOOR PER THE NEW TENANT FLOOR COVERAGE. OUR SCOPE OF WORK DOES NOT INCLUDE THIS AREA.

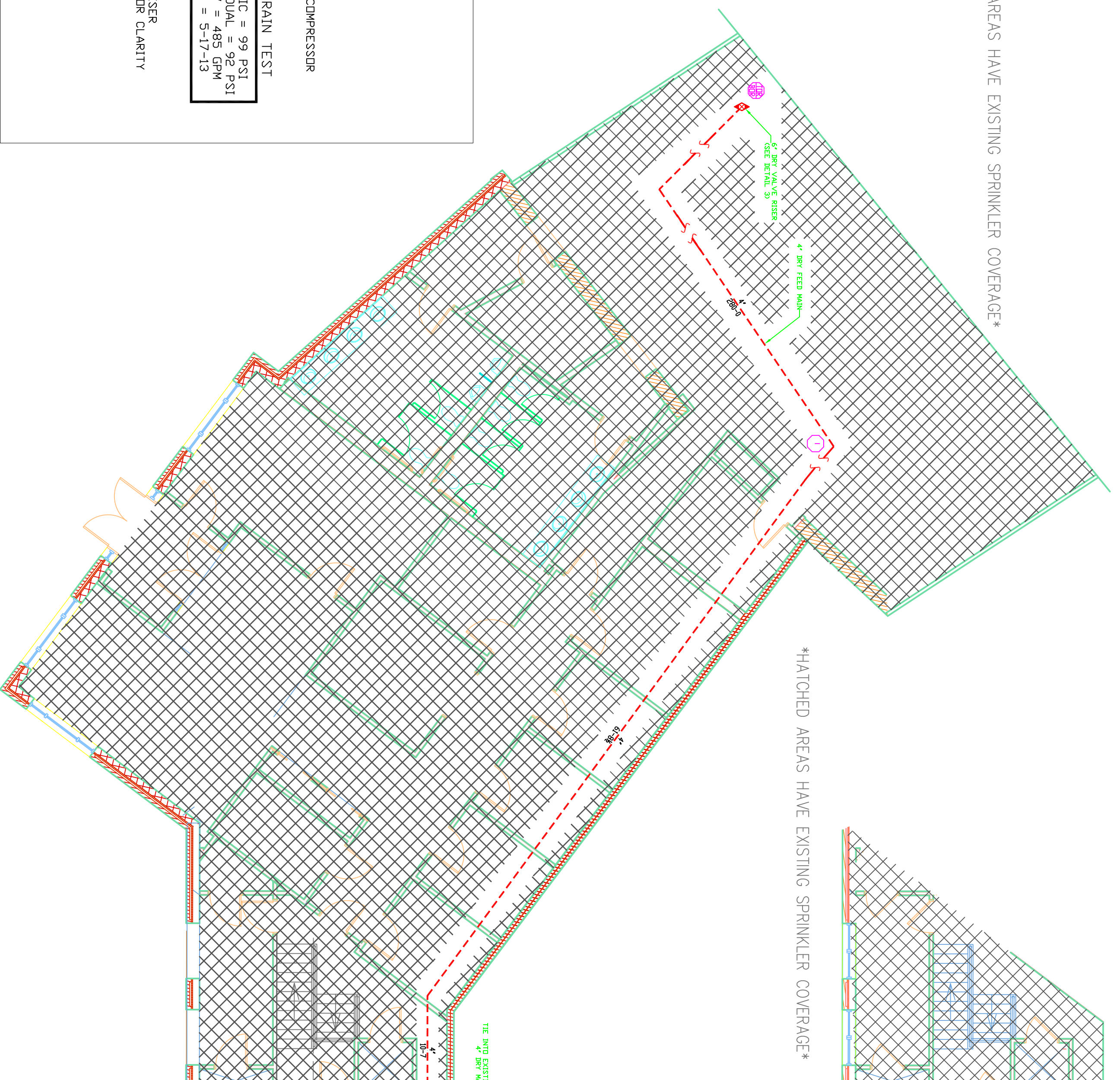
THE SPRINKLER SYSTEM WAS DESIGNED TO MEET APPLICABLE CODES REGARDING NFPA 13 ZONED DRY SYSTEMS.



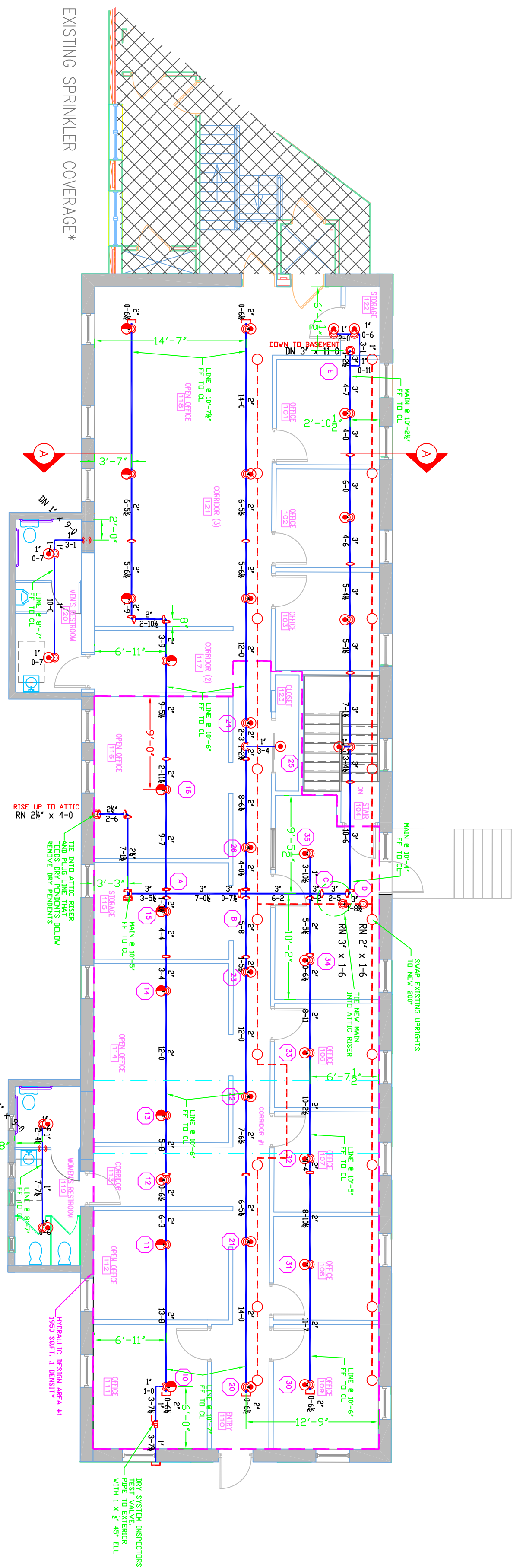
2 SECTION 'A'
SCALE 3/16" = 1'-0"



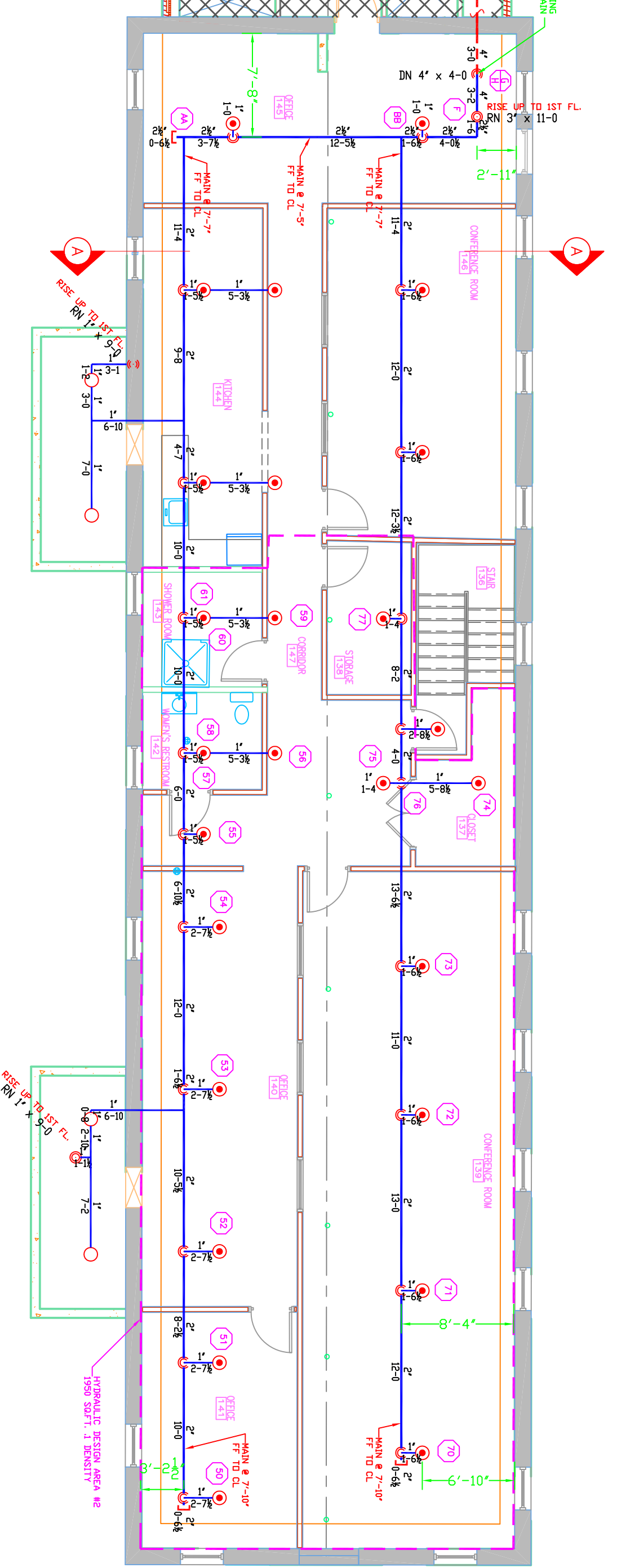
3 EXISTING RISER DETAIL
SCALE: N.T.S.



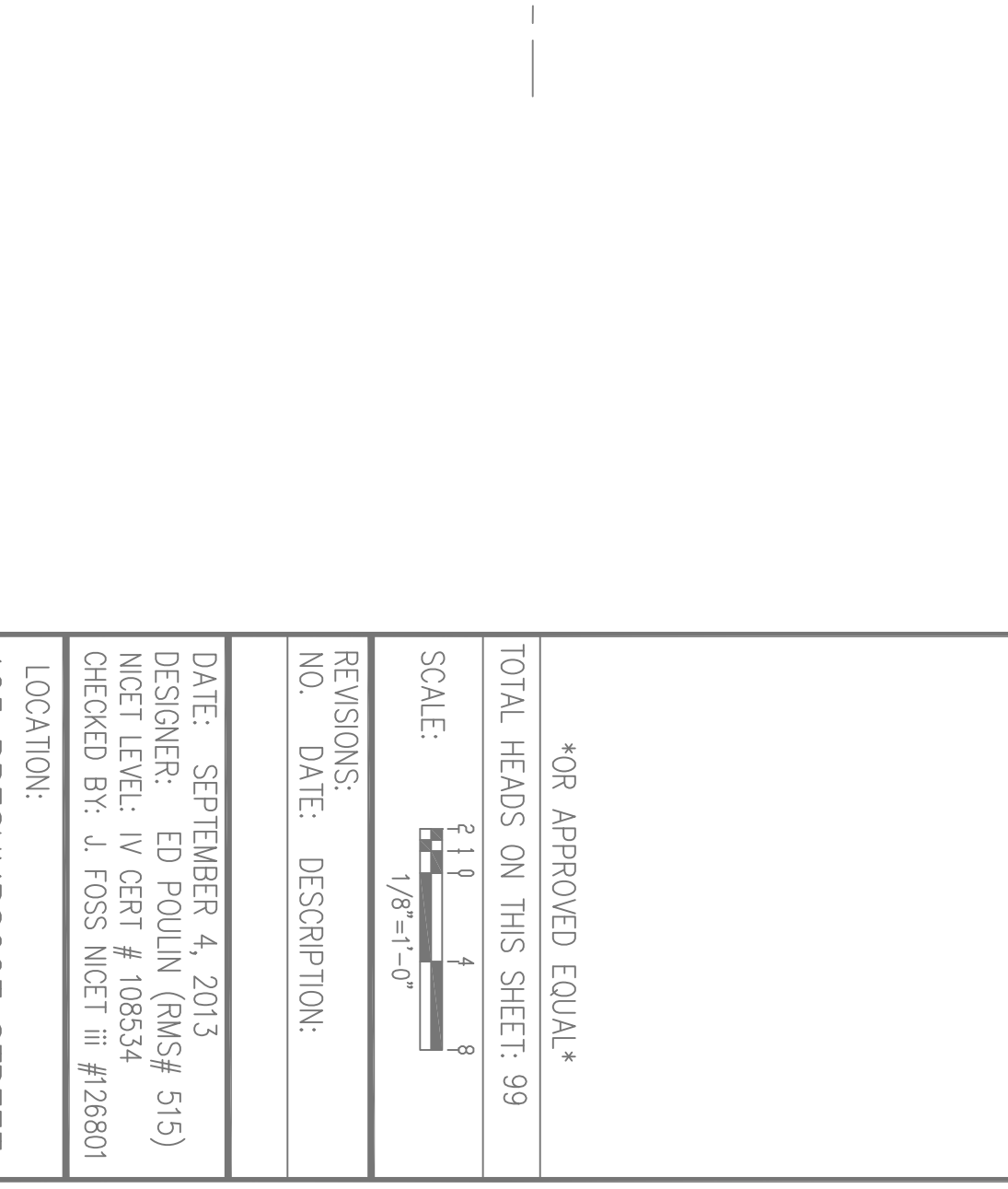
GROUND FLOOR (DRY)
TOTAL PROTECTED AREA 3,040 SQ.FT.
SCALE 1/8" = 1'-0"
ALL CEILINGS 7'-6" UNO.



1 FIRST FLOOR (DRY)
TOTAL PROTECTED AREA 3,340 SQ.FT.
SCALE 1/8" = 1'-0"
ALL CEILINGS 9'-0" UNO.



DESIGN AREA NUMBER 1*
HYDRAULIC DESIGN CRITERIA
MINIMUM OF 1.0 GPM PER HEAD SPRINKLING THE SPACE
BASED ON K=1.5
SAFETY FACTOR = 1.1



DESIGN AREA NUMBER 2*
HYDRAULIC DESIGN CRITERIA
MINIMUM OF 1.0 GPM PER HEAD SPRINKLING THE SPACE
BASED ON K=1.5
SAFETY FACTOR = 1.1

HIGH TECH FIRE PROTECTION
P.O. BOX 156
MOUNTAIN, ME 04258-0156
TEL (207) 998-2581 FAX (207) 998-4897

NAME LICENSE # 102
GENERAL CONTRACTOR ON RECORD
EARLE REAGAN CELL #329-3441

SPECIAL APPLICATIONS:

LEGEND:
○ NEW PIPE RISEN UP OR DOWN
△ PROPOSED PIPE
□ SYSTEM RISER
+ PIPE FITTING & MANS JUNCTIONS
+ SWAY BRACING
⊙ HYDRAULIC CALC. POINT

DESIGN & SYSTEM NOTES:
1. ALL SPRINKLER HEADS SHALL BE SCHEDULE 40 WITH APPROPRIATE FINISHING AND USE OF SPRINKLER HEADS SHALL BE IN ACCORDANCE WITH NFPA 13. POSITION, LOCATION, SPACING, AND USE OF HANGERS SHALL BE IN ACCORDANCE WITH NFPA 13. ALL HEADS SHALL BE IN ACCORDANCE WITH NFPA 13. (SEE PLANS FOR LOCATION OF HEADS AND SYSTEM HANGERS.)
2. HIGH TIE FIRE PROTECTION IS TO BEGIN WORK AT 4" MAIN ROSE OF BUILDING.
3. DIMENSIONS AND LOCATIONS GIVEN FOR SPRINKLER HEADS AND LOCATIONS SHALL BE TO FACE UNLESS OTHERWISE NOTED.
4. OWNER TO PROVIDE ACCURATE HEAT THROUGHOUT BUILDING TO PROTECT WATER FILLED PIPING AND EQUIPMENT FROM FREZING TEMPERATURES.
5. OWNER IS RESPONSIBLE TO MAINTAIN THE SPRINKLER SYSTEM IN ACCORDANCE WITH NFPA 13. (SEE PLANS FOR LOCATION OF HEADS AND SYSTEM HANGERS.)
6. ALL MECHANICAL, ELECTRICAL AND PLUMBING TRADES TO COORDINATE THEIR WORK WITH SPRINKLER CONTRACTOR.
7. ALL ELECTRICAL WORK IS TO BE DONE BY OTHERS.

HEAD LEGEND:
○ GLOBE
MODEL QLS601
K=5.6
1/2" WHITE PENDENT SEMI-RECESSED ESC
○ GLOBE
MODEL QLS615
K=5.6
1/2" BRASS UPRIGHT ON LINE OR SPRIG DEFLECTORS 12" (SWAMP OUT EXISTING UPRIGHTS)
○ GLOBE
MODEL QLS601 & QLS615
K=5.6
1/2" WHITE PENDENT SEMI-RECESSED & BRASS UPRIGHT UPR DEFLECTORS 1" TO 12" BELOW CEILING

OR APPROVED EQUAL
TOTAL HEADS ON THIS SHEET: 99
SCALE: 1/8" = 1'-0"
NO. DATE: DESCRIPTION:
DATE: SEPTEMBER 4, 2013
DESIGNER: ED DOULIN (MS# 515)
CHECKED BY: AL FOSS (MS# 12680)
LOCATION: 125 PRESUMPSCOT STREET PORTLAND, ME
DRAWING TITLE: HEALTH INFO NET TENANT SPACE ST FIRE PROTECTION PLAN (NFPA 13 2010ed.)
DRAWING NO.: FP-01