

NAME LICENSE # 102
 GENERAL CONTRACTOR ON RECORD:
 MORGAN WOODWORKING INC.
 P.M. JAY HIBBARD 775-2883
 GC: JEFF 775-2883

SPECIAL APPLICATIONS:

DESIGN & SYSTEM NOTES:
 ALL PIPING SHALL BE IN ACCORDANCE WITH NFPA 13, 2016d.
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LEGEND:
 ○ NEW PIPE RISER UP OR DOWN
 △ PROPOSED PIPE
 ▽ SYSTEM RISER
 + PIPE PITCH & MAINS 3/4" LINES
 ⊕ SWAY BRACING
 ⊙ HYDRAULIC CALC. POINT

ON SPRING
 QLOBE*
 MODEL QLS601
 1 1/2" WHITE PENDENT SEMI-RECESSED SPACE UPRIGHT
 DEFLECTORS 1" TO 12" BELOW NON-COMBUSTIBLE CEILING

ON LINE
 QLOBE*
 MODEL QLS601
 1 1/2" BRASS UPRIGHT ON LINE DEFLECTORS 1" TO 12" BELOW NON-COMBUSTIBLE CEILING

ON LINE
 QLOBE*
 MODEL QLS626
 1 1/2" BRASS HORIZONTAL SIDEWALL WITH HEAD CAGE 18" ABOVE BOTTOM OF ELEVATION PIN FLOOR

ON LINE
 QLOBE*
 MODEL QLS601
 1 1/2" WHITE PENDENT SEMI-RECESSED SPACE UPRIGHT DEFLECTORS 1" TO 12" BELOW NON-COMBUSTIBLE CEILING

ON LINE
 QLOBE*
 MODEL QLS601
 1 1/2" WHITE PENDENT SEMI-RECESSED SPACE UPRIGHT DEFLECTORS 1" TO 12" BELOW NON-COMBUSTIBLE CEILING

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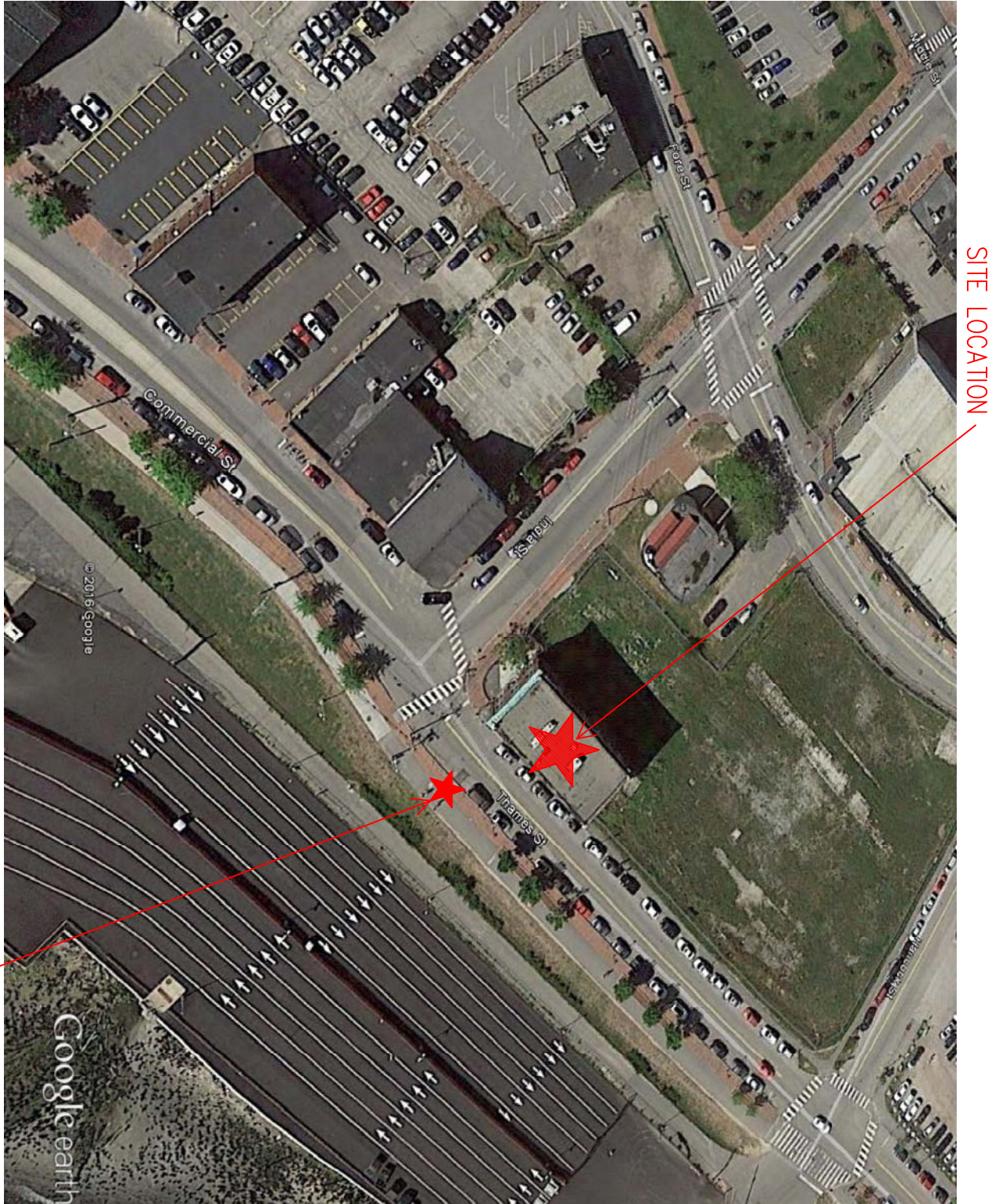
ON LINE
 QLOBE*
 MODEL QLS601
 1 1/2" WHITE PENDENT SEMI-RECESSED SPACE UPRIGHT DEFLECTORS 1" TO 12" BELOW NON-COMBUSTIBLE CEILING

ON LINE
 QLOBE*
 MODEL QLS601
 1 1/2" WHITE PENDENT SEMI-RECESSED SPACE UPRIGHT DEFLECTORS 1" TO 12" BELOW NON-COMBUSTIBLE CEILING

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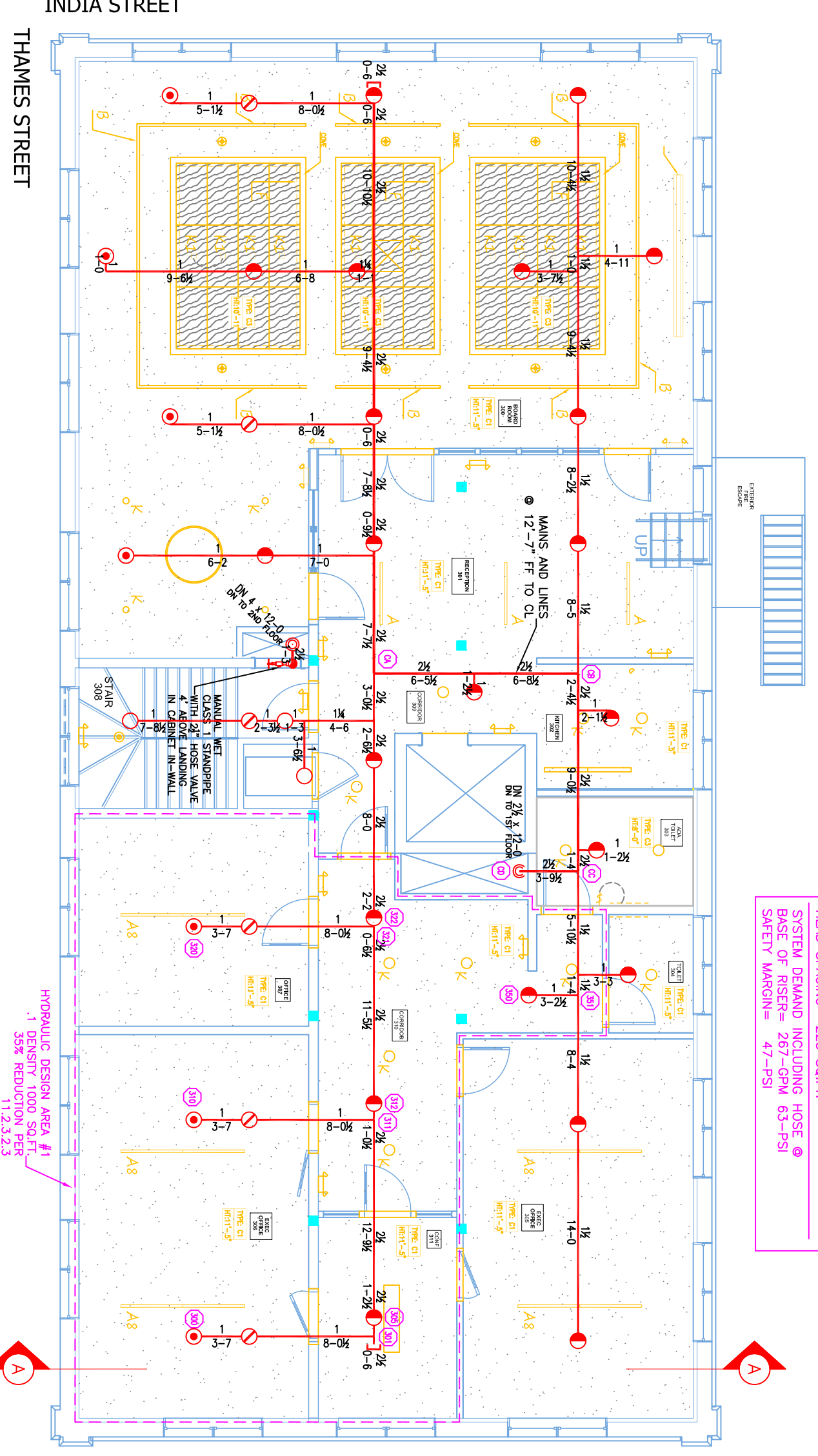
ON LINE
 QLOBE*
 MODEL QLS601
 1 1/2" WHITE PENDENT SEMI-RECESSED SPACE UPRIGHT DEFLECTORS 1" TO 12" BELOW NON-COMBUSTIBLE CEILING

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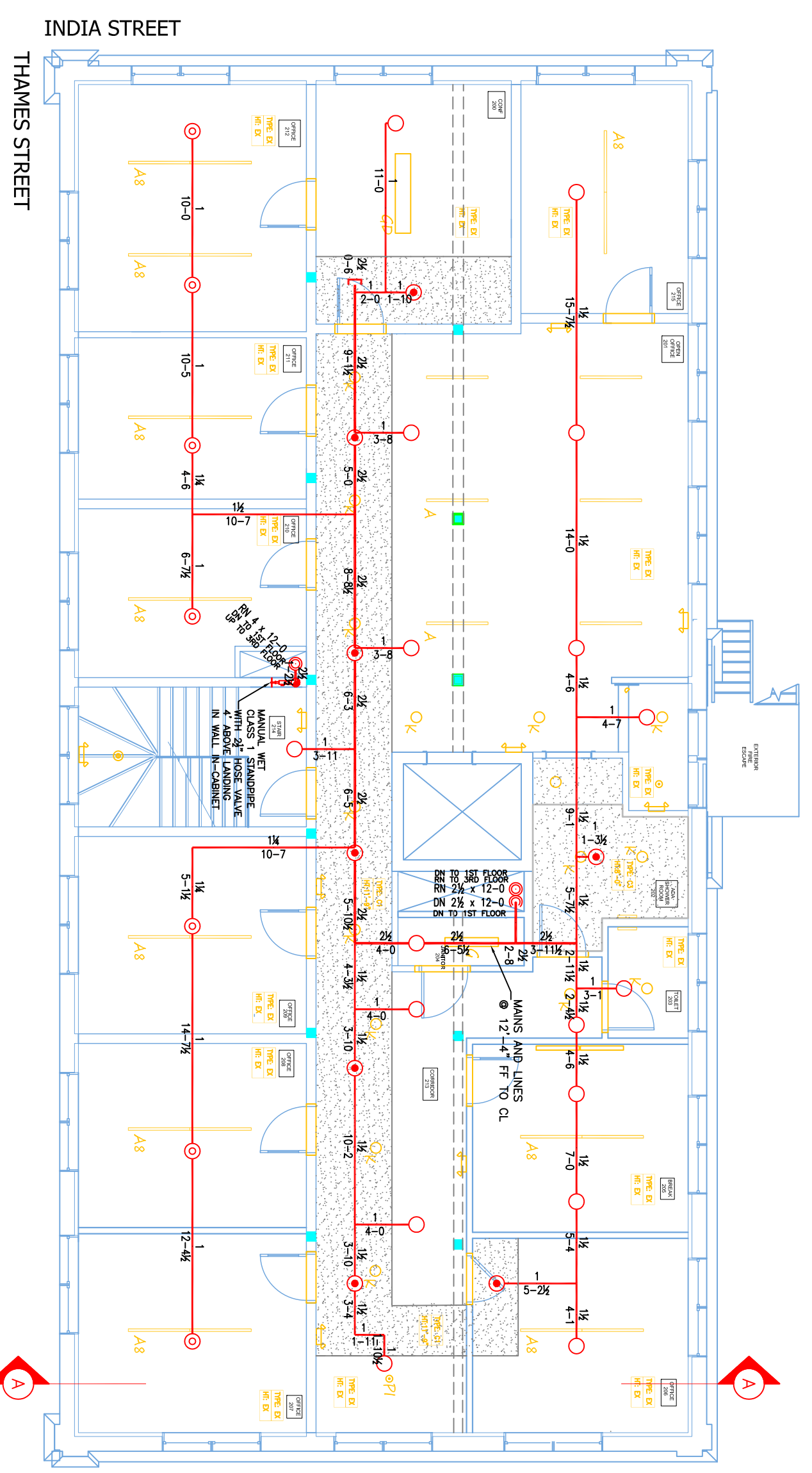


7 PLOT PLAN
 SCALE: N.T.S.

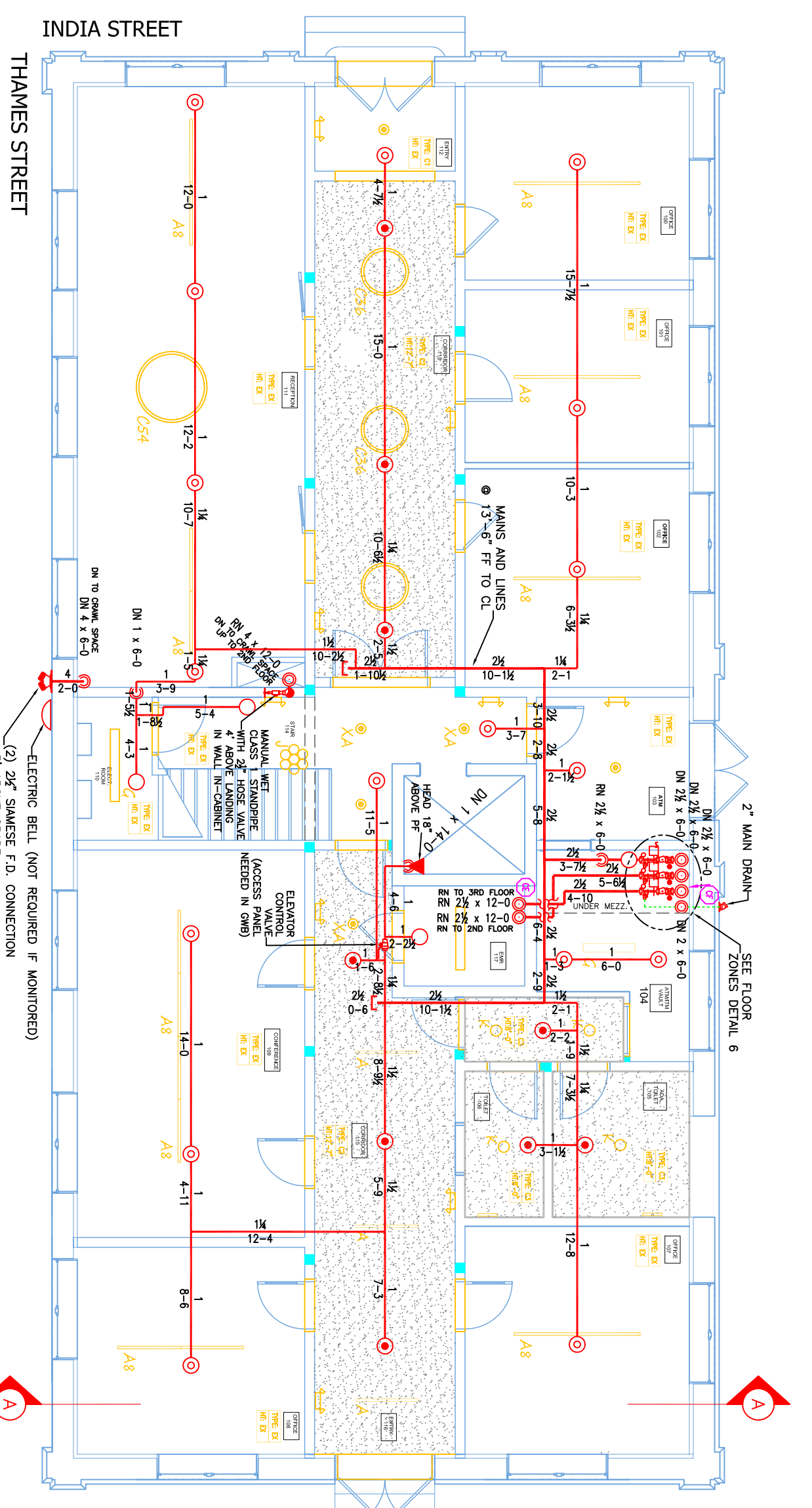
DESIGN AREA NUMBER 1
 HYDRAULIC DESIGN CRITERIA
 DESIGN AREA NUMBER 1*
 DESIGN AREA NUMBER 1*
 DESIGN AREA NUMBER 1*
 DESIGN AREA NUMBER 1*



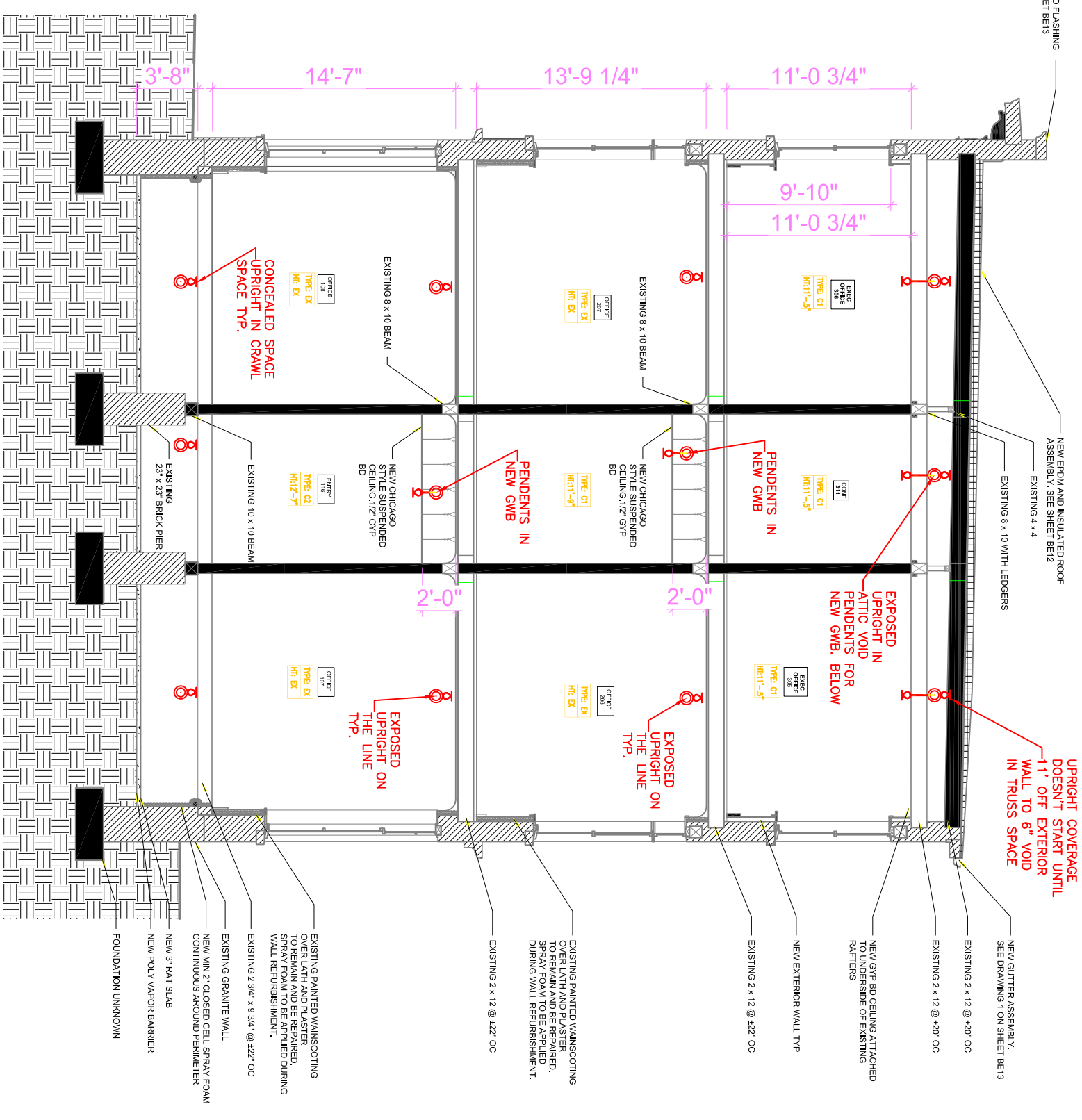
3 THIRD FLOOR (ZONE 3)
 TOTAL PROTECTED AREA 3,400 SQ.FT.
 SCALE 1/8" = 1'-0"



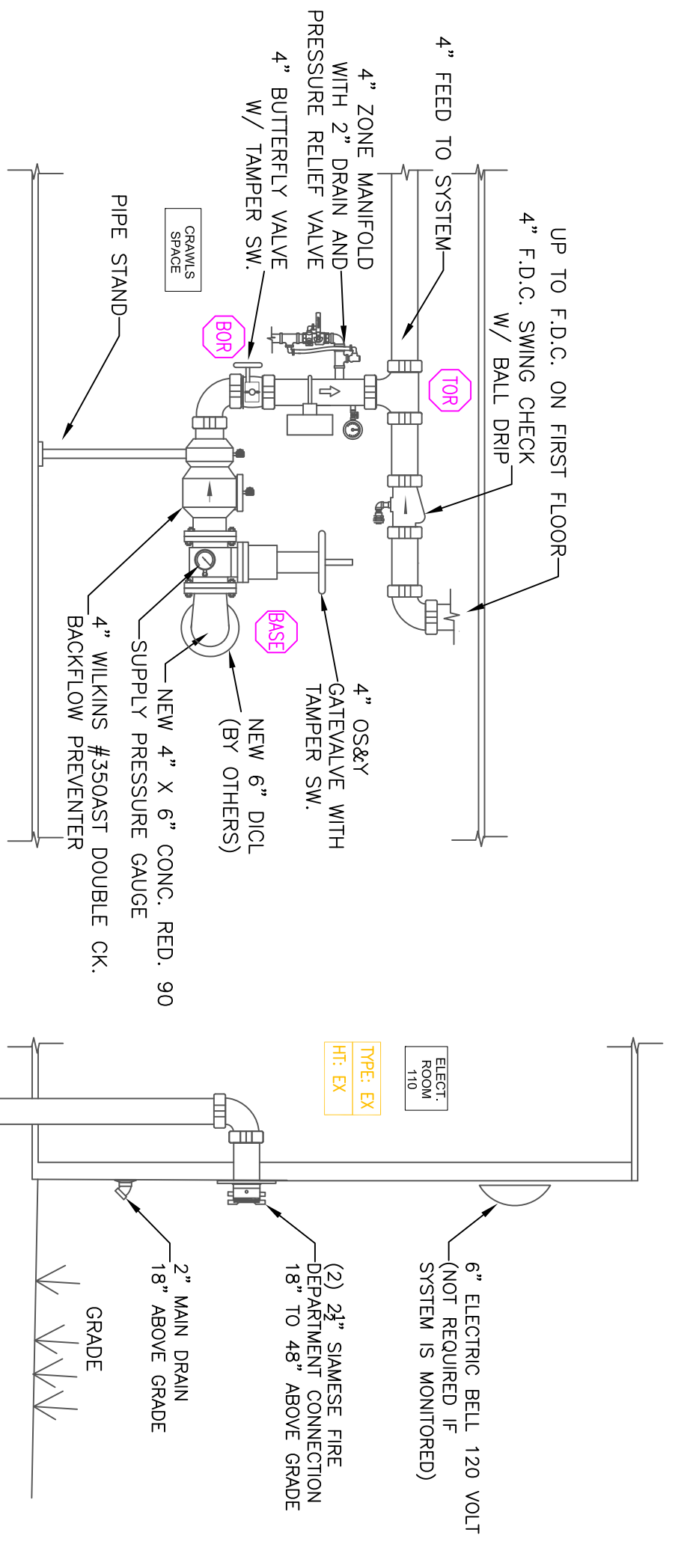
2 SECOND FLOOR (ZONE 2)
 TOTAL PROTECTED AREA 3,400 SQ.FT.
 SCALE 1/8" = 1'-0"



1 FIRST FLOOR (ZONE 1)
 TOTAL PROTECTED AREA 3,400 SQ.FT.
 SCALE 1/8" = 1'-0"

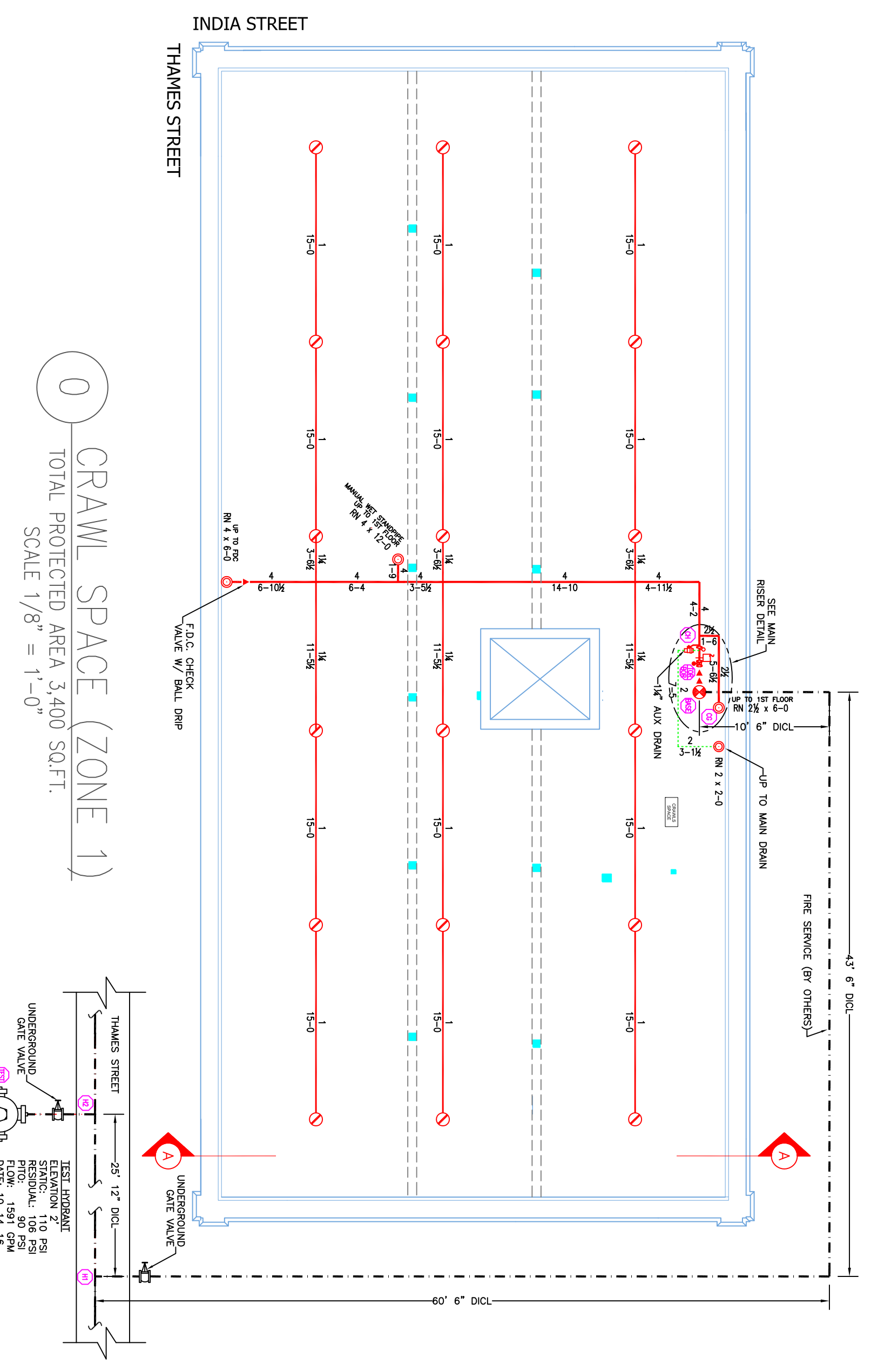


4 SECTION 'A-A'
 SCALE 1/8" = 1'-0"

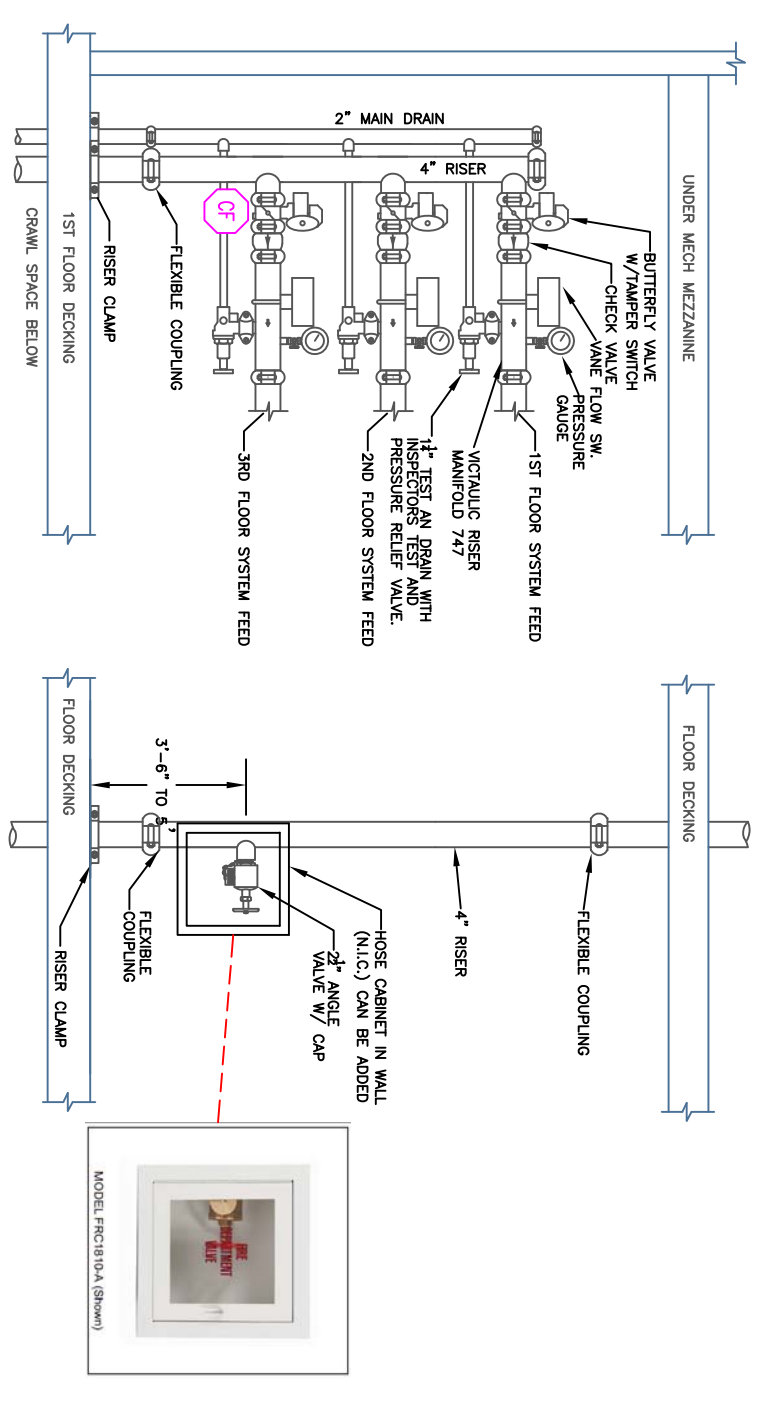


5 MAIN RISER AND F.D.C. DETAIL
 SCALE: N.T.S.

0 CRAWL SPACE (ZONE 1)
 TOTAL PROTECTED AREA 3,400 SQ.FT.
 SCALE 1/8" = 1'-0"

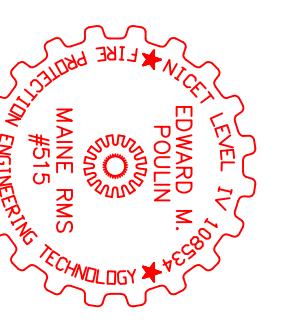


6 FLOOR ZONE & STANDPIPE DETAIL
 SCALE: N.T.S.



PROJECT DESCRIPTION

BUILDING CONST.:
 THE BUILDING IS 3 LEVELS OF LIGHT HAZARD OCCUPANCY CONSTRUCTION OF BRICK/WOOD FRAMING, FIBERGLASS INSULATION, AND GYPSUM BOARD TYPE 3B CONSTRUCTION. STEEL SPRINKLER PIPING AS SHOWN ON PLAN.
 BUILDING OCCUPANCY:
 THE BUILDING IS HISTORIC AND EXISTING. NO CHANGE IN OCCUPANCY USE GROUP B.
 STANDPIPE SYSTEM DESIGN:
 WE ARE INSTALLING A NEW NET SYSTEM FOR THE BUILDING IN ACCORDANCE WITH NFPA 13 2016d.
 OFFICE SPACE IS PROTECTED WITH EITHER UPRIGHT OR PENDENT SPRINKLER HEADS FED FROM STEEL SPRINKLER PIPING TO PREVENT WATER FILLED PIPE FROM FREEZING.
 THE SPRINKLER SYSTEM WAS DESIGNED TO MEET APPLICABLE CODE REGARDING NFPA 13 2016d. SYSTEM
 STANDPIPE SYSTEM DESIGN:
 ONE MANUAL, WET CLASS 1 STANDPIPE RISER IN STAIR 1 WITH A 2 1/2" HOSE VALVE ON EACH LANDING. A TOTAL OF 3 THE PRESSURE FOR THE STANDPIPE TO BE PROVIDED BY THE PORTLAND FIRE DEPARTMENT FOR THEIR USE.
 THE NEW F.D.C. WILL BE DESIGNED TO MEET APPLICABLE CODE REGARDING NFPA 14 2016d. SYSTEM



DATE: OCTOBER 17, 2016
 DESIGNER: ED BULLIN (MSGS 515)
 CHECKED BY: AL FOSS
 LOCATION:
 1 INDIA STREET
 PORTLAND, ME
 DRAWING TITLE:
 GRAND TRUNK
 BUILDING
 FIRE PROTECTION PLAN
 (NFPA 13 2016ed.)
 DRAWING NO.:
 FP-01