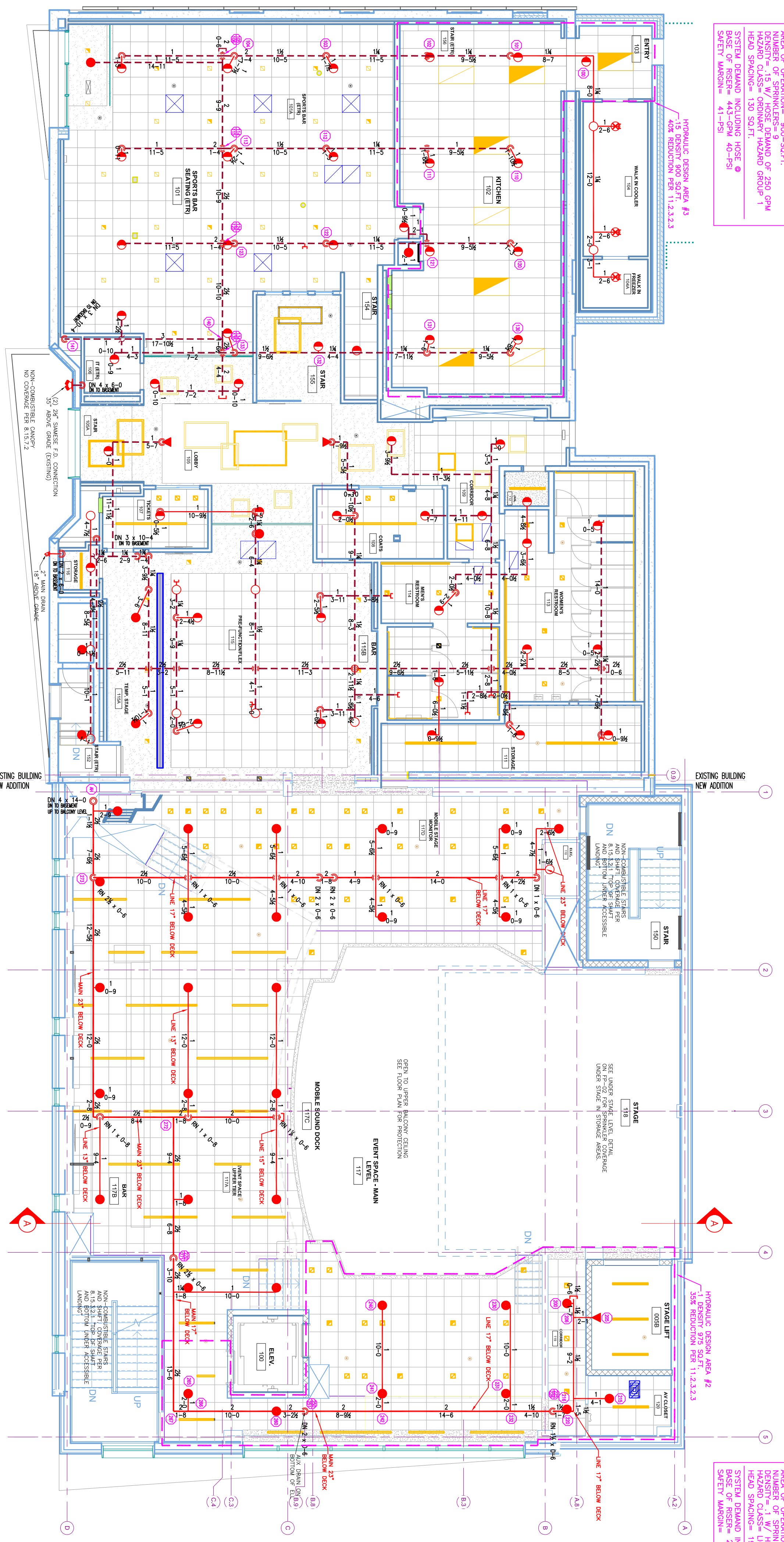


DESIGN AREA NUMBER 3
HYDRAULIC DESIGN CRITERIA
 LOCATION: RIGHT SIDE OF STAGE
 AREA OF OCCUPANCY: 400 SQ.FT.
 DESIGN: 1.5 W.P. W/ 150 PSI
 HEAD SHADES: 150 SQ.FT.
 SYSTEM DRAWING INCLUDING HOSE & SAFETY MACHINES: 41-420



DESIGN AREA NUMBER 2
HYDRAULIC DESIGN CRITERIA
 LOCATION: RIGHT SIDE OF STAGE
 AREA OF OCCUPANCY: 470 SQ.FT.
 DESIGN: 1.5 W.P. W/ 150 PSI
 HEAD SHADES: 150 SQ.FT.
 SYSTEM DRAWING INCLUDING HOSE & SAFETY MACHINES: 17-190

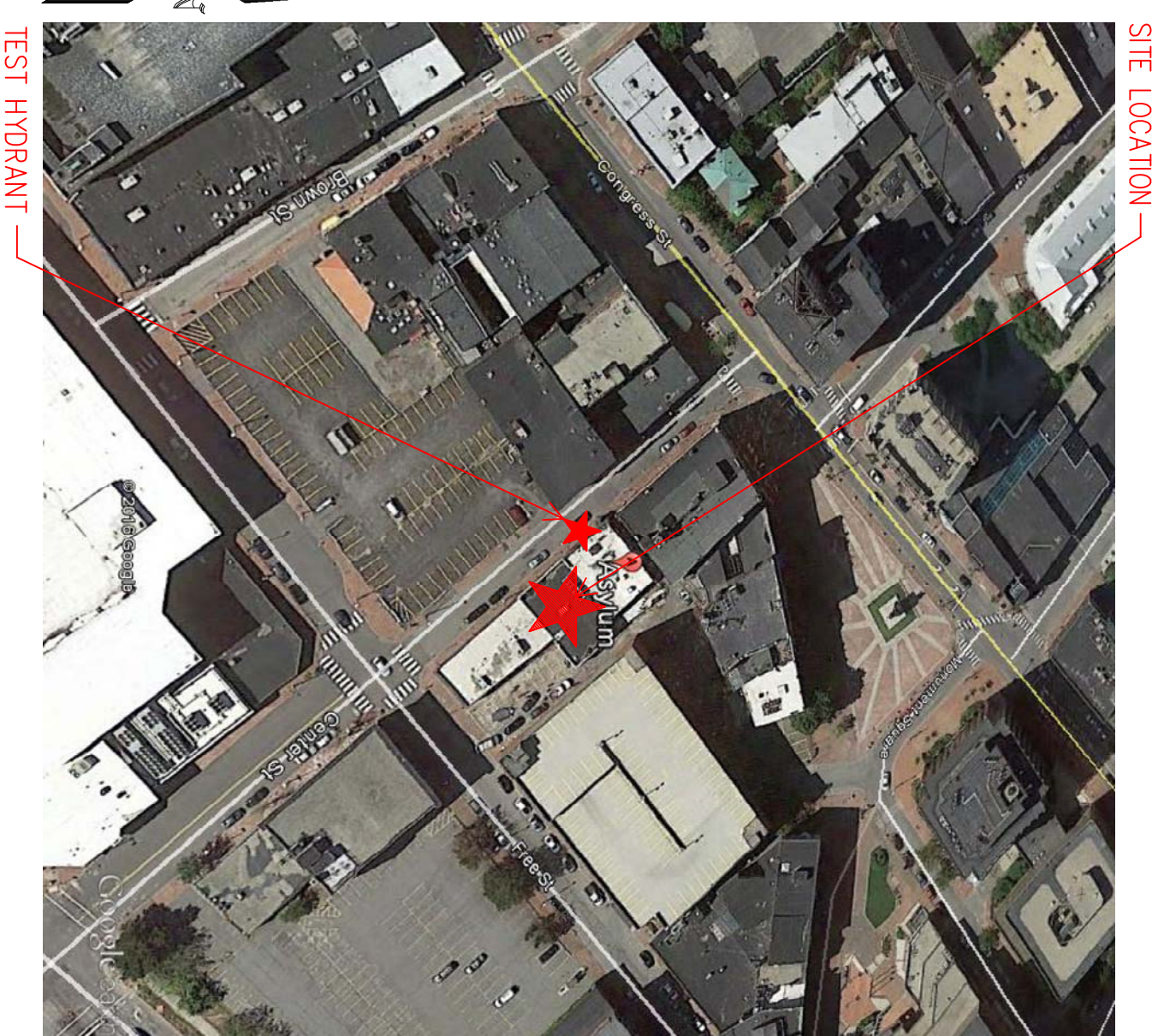
1.1 FIRST FLOOR
 TOTAL PROTECTED AREA 8,900 SQ.FT.
 SCALE 1/8" = 1'-0"

PROJECT DESCRIPTION

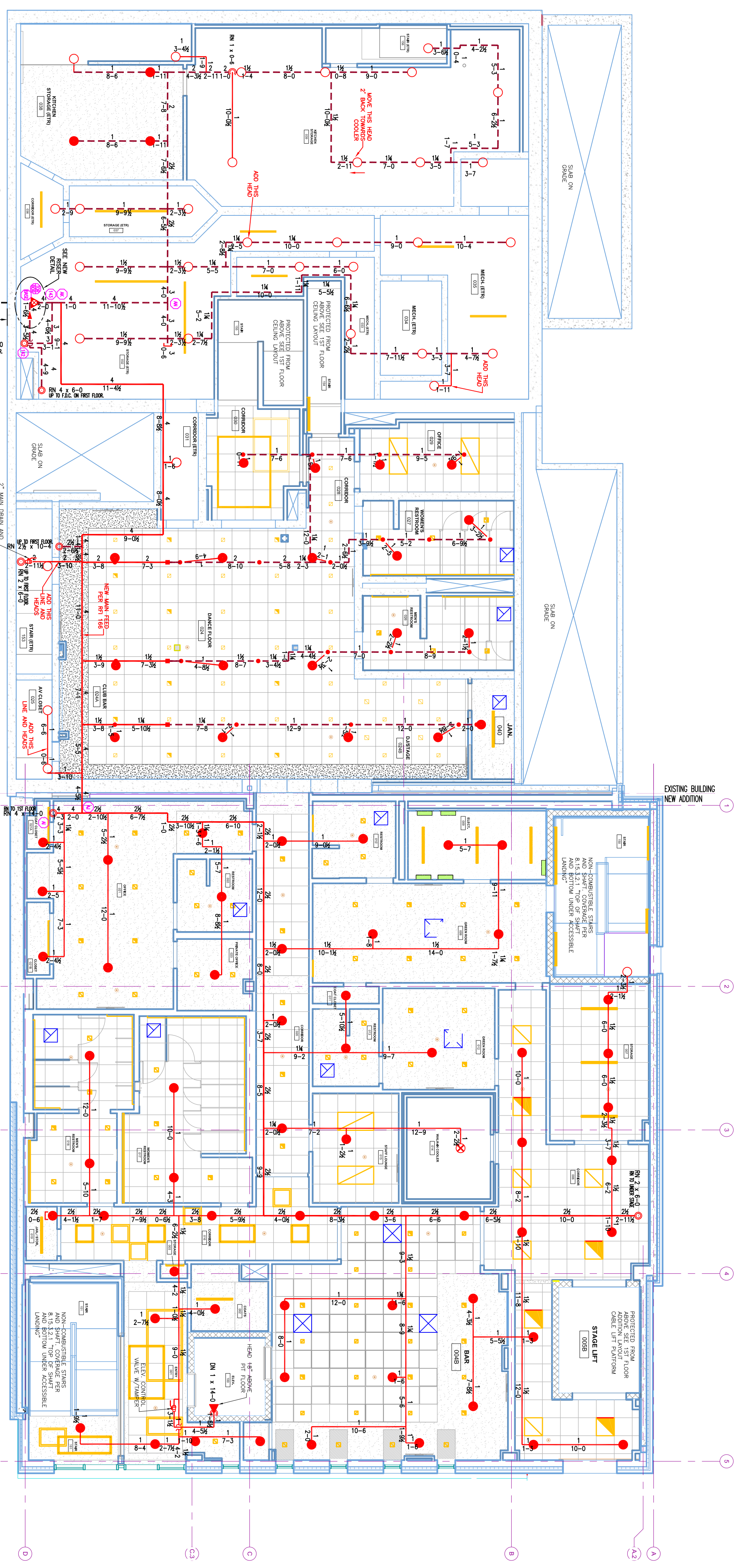
BUILDING CONSIST:
 THE BUILDING IS 2 LEVELS OF ASSEMBLY GROUP A-1 & A-2 OCCUPANCY WITH A RESTAURANT, BAR, AND NIGHTCLUB INSIDE. CONSTRUCTION TYPE V IN EXISTING TYPE IIB IN ADDITION. STEEL SPRINKLER PIPING NEW AND EXISTING AS SHOWN ON PLAN.

BUILDING OCCUPANCY:
 THE BUILDING WAS BUILT & DESIGNED FOR ASSEMBLY OCCUPANCY GROUP A-1 AND A-2, STAGE AREA AND STORAGE. PRIMARY HAZARD GROUP 2, OFFICES, BATHROOMS, CORRIDORS, RESTAURANT SEATING AREAS ARE LIGHT HAZARD.

SPRINKLER SYSTEM DESIGN:
 THERE IS AN EXISTING WET SYSTEM IN THE EXISTING PORTION OF UP TO CODE PER NFPA 13 2016. PENDENT SPRINKLER HEADS FEED FROM STEEL PIPING ABOVE. GC TO PROPERLY INSULATE AROUND SPRINKLER PIPING TO PREVENT WATER FILLED PIPE FROM FREEZING. THE SPRINKLER SYSTEM WAS DESIGNED TO MEET APPLICABLE PORTIONS OF THE EXISTING BUILDING HAVE ABOVE COVERAGE NOTED ON DRAWING. WE ARE INSTALLING A NEW 4" RISER ON THE EXISTING 6" FIRE SERVICE LOCATED IN THE BASEMENT. THE SYSTEM WILL BE A WET SINGLE ZONE FIRE SPRINKLER SYSTEM.

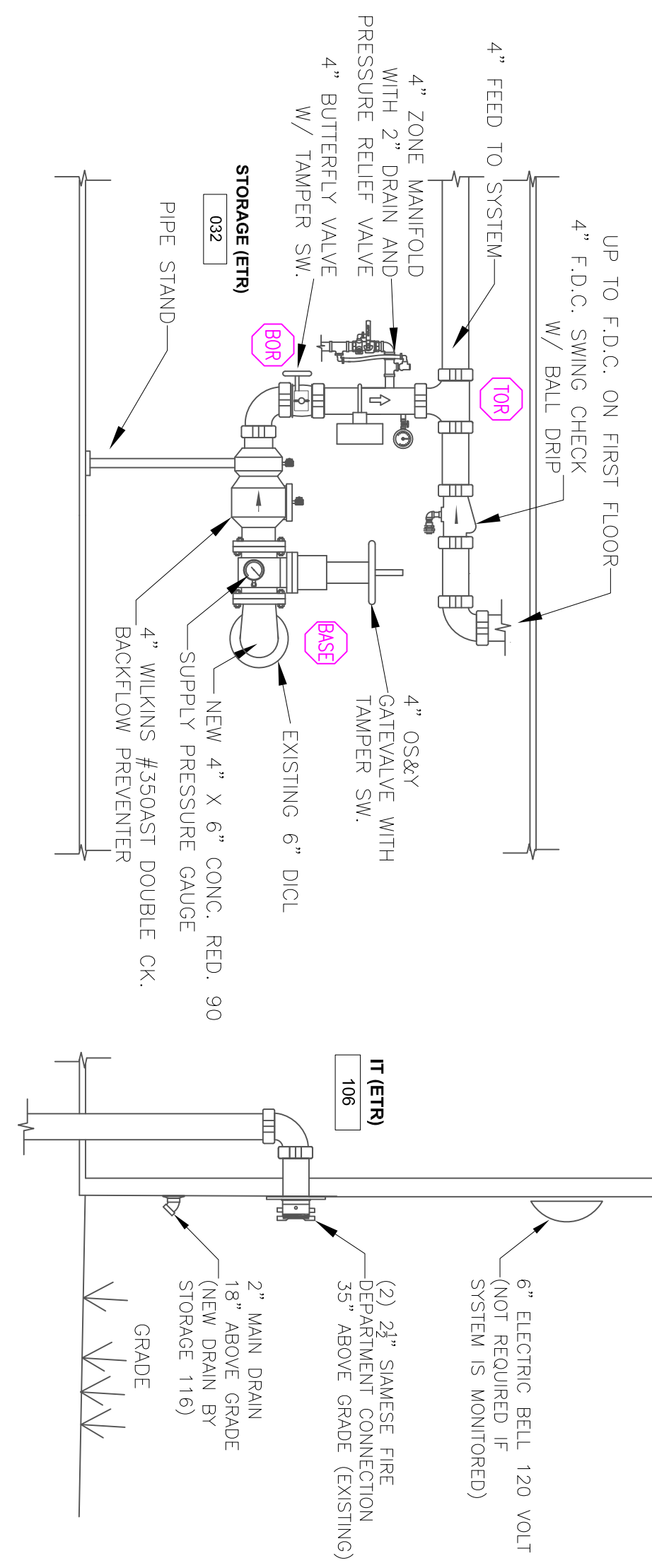
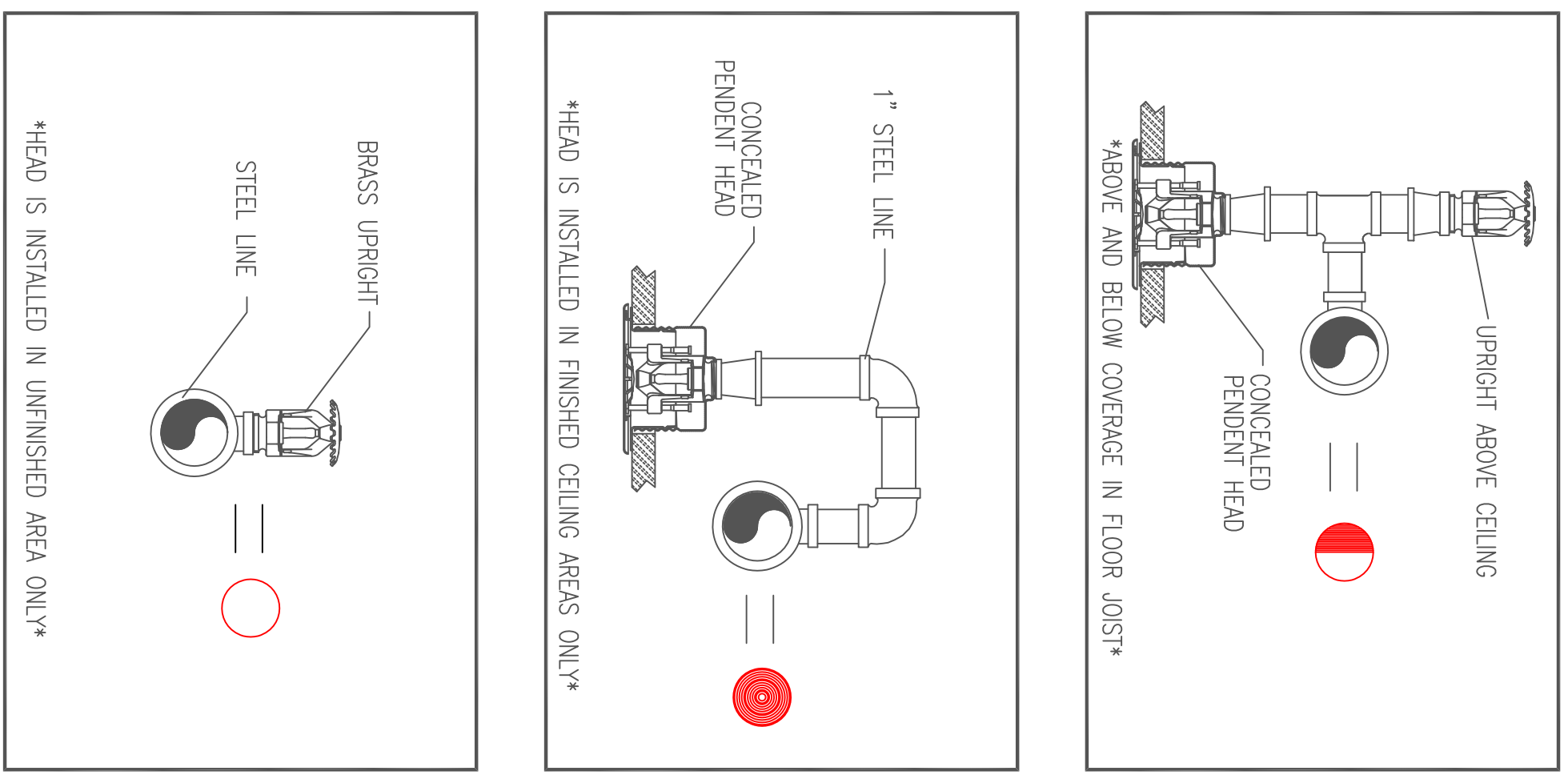


1.4 PLOT PLAN
 SCALE: N.T.S.



1 BASEMENT LEVEL
 TOTAL PROTECTED AREA 9,960 SQ.FT.
 SCALE 1/8" = 1'-0"

1.3 HEAD DETAILS
 SCALE: N.T.S.



1.2 RISER DETAIL
 SCALE: N.T.S.

HIGH TECH FIRE PROTECTION
 P.O. BOX 156
 MANOY, ME 04258-0156
 TEL: (207) 968-251 FAX: (207) 968-487

NAME LICENSE # 102

GENERAL CONTRACTOR ON RECORD:
 PM: CHRIS BROWN 791-2519
 JS: CURTIS THORWANN 266-6673

SPECIAL APPLICATIONS:
 CENTER OF TILE IN THE NARROW DIMENSION OF THE ACT TILE

LEGEND:

- NEW PIPE RISER UP OR DOWN
- EXISTING SPRINKLER PIPING
- - - NEW SPRINKLER PIPING
- ▲ SYSTEM RISER
- ▬ PIPE PITCH & MAINS 3" LINES
- ② HYDRAULIC CALC. POINT

DESIGN & SYSTEM NOTES:

WITH APPROVED 7/26/16 PER THE SCHEDULE TO ALL PIPING 1 1/2" & SMALLER TO BE SCHEDULE 40 WITH APPROPRIATE FINISH AND USE OF SPRINKLER SHALL BE IN ACCORDANCE WITH NFPA 13. (SEE PLANS FOR LOCATION OF RISER AND SYSTEM TERMINAL) HIGH TIE-IN FIRE PROTECTION IS TO BEGIN WORK AT 6" MAIN 1" AFF NEAR OF BUILDING. DIMENSIONS AND LOCATIONS GIVEN FOR SPRINKLER OWNERS TO PROVIDE ASSOCIATE HEAT THROUGHOUT EQUIPMENT TO PROTECT WATER FILLED PIPING AND EQUIPMENT FROM FREEZING TEMPERATURES INSTALLED ON DW'Y AND BE THE ACTION SYSTEMS. OWNER IS RESPONSIBLE TO MAINTAIN THE SPRINKLER OF WATER-BASED FIRE PROTECTION SYSTEMS AND/ OR LINES, COSES AND BRANCHES, AND/OR LOCAL ALL MECHANICAL, ELECTRICAL AND PLUMBING TRADES TO COORDINATE THEIR WORK WITH SPRINKLER CONTRACTOR. ALL ELECTRICAL WORK IS TO BE DONE BY OTHERS.

HEAD LEGEND:

- QLOBE*
- MODEL QLS606 (K-5.5)
- 1/2" WHITE CONCEALED PENDENT CENTER OF TILE PLACEMENT
- QLOBE*
- MODEL QLS606 (K-5.5)
- 54/115/8/2007 (K-5.6)
- 1/2" WHITE CONCEALED PENDENT & CONCEALED SPACE UPRIGHT UPR. DETECTORS 1" TO 6" BELOW COMBUSTIBLE JOIST
- QLOBE*
- MODEL QLS615 (K-5.6)
- 1/2" BRASS UPRIGHT DETECTORS 1" SPACING BELOW NON-COMBUSTIBLE CEILINGS
- QLOBE*
- MODEL QLS626 (K-5.6)
- 4/2007 (K-5.6)
- 1/2" WHITE HORIZONTAL SIDEWALL SEMI REC. ESC. I IN ELEVATOR PIT 18 AFF
- QLOBE*
- MODEL QLS655 (K-5.6)
- 1" DRIP PENDENT CHROME SAE 1/2" SHIRT ESC. IN COOLERS AND FREEZERS

OR APPROVED EQUAL

TOTAL HEADS ON THIS SHEET: 270

SCALE: 1/8" = 1'-0"

REVISIONS:

NO. DATE: DESCRIPTION:

DATE: OCTOBER 20, 2016

DESIGNER: ED COULM (MSJ 515)

CHECKED BY: AL FOSS (080534)

LOCATION: 121 CENTER STREET PORTLAND, ME

DRAWING TITLE: ASYLUM NIGHT CLUB BAR AND RESTAURANT BASEMENT AND 1ST FL. FIRE PROTECTION PLAN (NFPA 13 2016ed.)

DRAWING NO.: FP-01