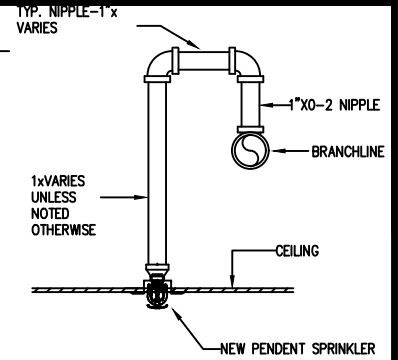
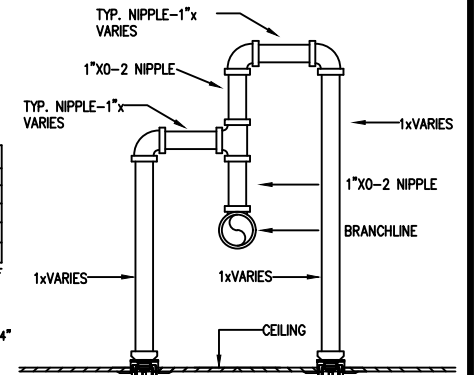


GENERAL NOTES

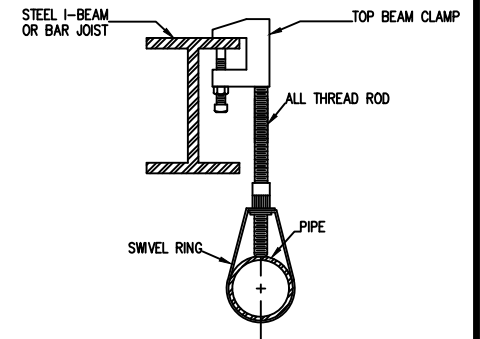
1. ALL WORK SHALL BE IN FULL COMPLIANCE WITH NFPA 13, 2013 Ed., FM, HARNETT COUNTY, AND THE NORTH CAROLINA STATE BUILDING CODE.
2. ALL LABOR AND MATERIALS REQUIRED SHALL BE FOR ONE COMPLETE WORKING SYSTEM WHICH MEETS ALL REQUIREMENTS OF NFPA 13 2013 Ed., HARNETT COUNTY, AND THE NORTH CAROLINA STATE BUILDING CODE.
3. ALL MATERIALS AND EQUIPMENT SHALL BE NEW, UL LISTED AND FM APPROVED FOR THE INTENDED USE AND SHALL BE INSTALLED IN FULL COMPLIANCE WITH MANUFACTURER'S RECOMMENDATIONS.
4. EXISTING SPRINKLER HEADS ARE SPACED PER LIGHT HAZARD SPACING NOT TO EXCEED 225 SQUARE FEET.
5. ALL NEW 1" PIPE TO BE BLACK STL., SCH. 40 WITH THREADED ENDS AND JOINED BY BLK. DUCTULE IRON THREADED FITTINGS.
6. PIPE HANGERS TO BE INSTALLED PER NFPA 13.
7. NO HYDRAULIC CALCULATION WERE PERFORMED, WORK BEING DONE DOES NOT EXCEED THE ORIGINAL DESIGN CRITERIA



RETURN BEND DETAIL
N.T.S.



SPLIT RETURN BEND DETAIL
N.T.S.



BEAM CLAMP HANGER DETAIL
N.T.S.

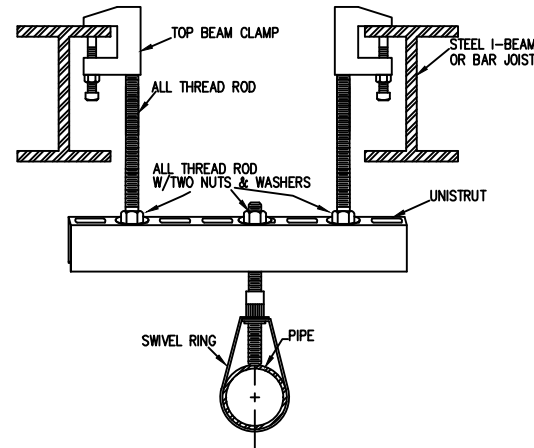
LEGEND

- EXISTING FIRE PROTECTION PIPING
- NEW FIRE PROTECTION PIPING
- ⊙ DENOTES NEW PENDENT SPRINKLER 155 DEG. (1)
- ⊙ DENOTES EXISTING PENDENT SPRINKLERS TO REMAIN

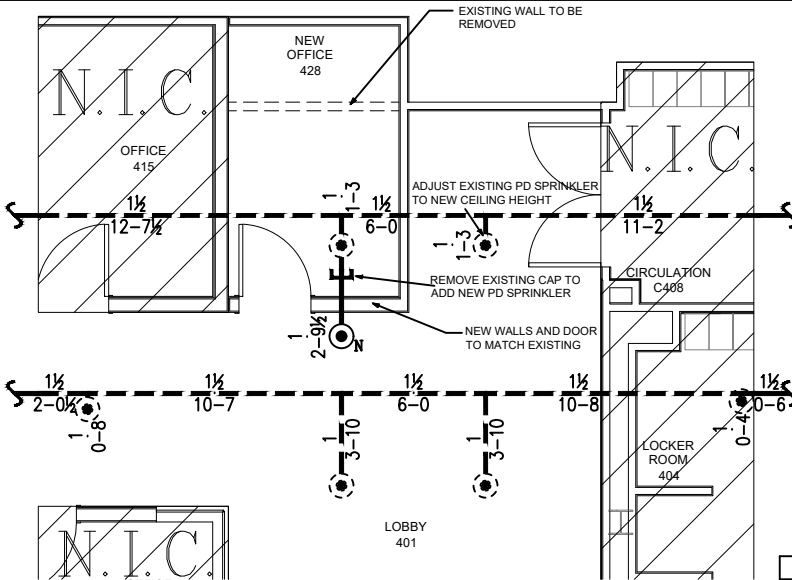
HANGER INSTALLATION REQUIREMENTS

NOMINAL PIPE SIZE	MAXIMUM DISTANCE BETWEEN HANGERS										
	3/4"	1"	1 1/4"	2"	2 1/2"	3"	3 1/2"	4"	5"	6"	8"
BLAZEMASTER CPVC	5' 6"	6' 0"	6' 6"	7' 0"	8' 0"	9' 0"	10' 0"	N/A	N/A	N/A	N/A
THREADABLE LIGHTWALL	N/A	12' 0"	12' 0"	12' 0"	12' 0"	12' 0"	12' 0"	N/A	N/A	N/A	N/A
STEEL PIPE (10/ 40)	N/A	12' 0"	12' 0"	15' 0"	15' 0"	15' 0"	15' 0"	15' 0"	15' 0"	15' 0"	15' 0"

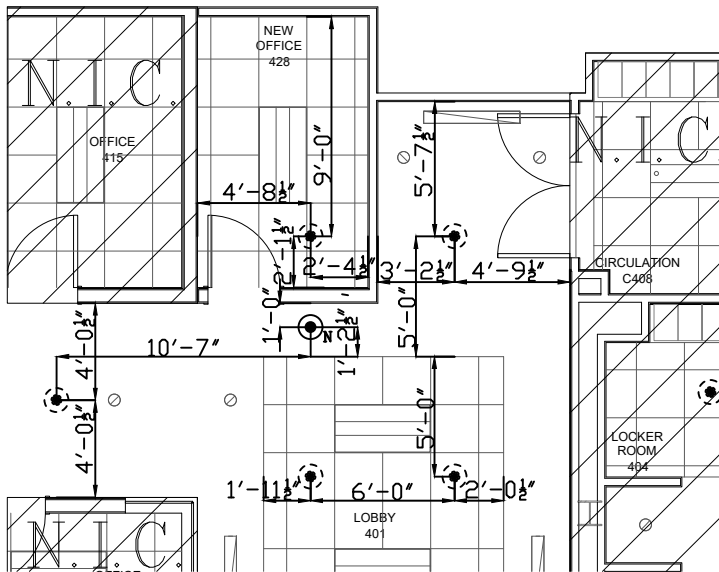
100 PSI STATIC PRESSURE ON SYSTEM REQUIRES UP-LIFT RESTRAINT WITHIN 12 INCHES HORIZONTALLY OF HEAD FOR ARM-OVERS AND END OF BRANCH LINE.
 THE UNSUPPORTED LENGTH BETWEEN THE END SPRINKLER AND THE LAST HANGER ON THE LINE SHALL NOT EXCEED 36" FOR 1" PIPE, 48" FOR 1 1/4" PIPE AND 60" FOR 1 1/2" PIPE OR LARGER
 THE CUMULATIVE HORIZONTAL LENGTH OF AN UNSUPPORTED ARM TO A SPRINKLER, SPRINKLER DROP, OR SPRIG-UP SHALL NOT EXCEED 24"



UNISTRUT HANGER DETAIL
N.T.S.



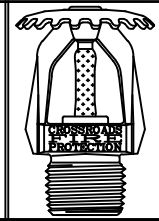
SPRINKLER PIPING PLAN
SCALE: 1/8" = 1'-0"



SPRINKLER CEILING PLAN
SCALE: 1/8" = 1'-0"

CHECKED BY:

NICET LEVEL III #117611
NC LICENSE NUMBER: 16330



Crossroads Fire Protection, Inc
 809 South Market Street
 P.O. Box 926
 Benson, NC 27504
 919-207-3855 PH

Levine Hall 4th Floor Office Addition
 4350 US-421 Campbell University
 Buies Creek, NC

CONTRACTOR: Southeastern Interiors

Fire Sprinkler Plan

CONTRACT NO. CC-6070
 APPROVAL Harnett County
 DRAWN BY DLN

SCALE 1/8" = 1'-0"
 DATE 12/31/2018
 REVISION
 PLOTTED **FP1**