



NOTE

THESE DRAWINGS ARE INTENDED TO PROVIDE THE GENERAL REQUIREMENTS AND DESIGN CRITERIA FOR THE PROJECT. FIRE SPRINKLER CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR OBTAINING CURRENT FIRE FLOWS FROM LOCAL AUTHORITIES AND PREPARE COMPLETE DESIGN AND INSTALLATION DRAWINGS AND CALCULATIONS AS NECESSARY FOR FULL COMPLIANCE WITH ALL LAWS AND REGULATIONS AS REQUIRED BY THE AUTHORITY HAVING JURISDICTION. NO ADDITIONAL COMPENSATION WILL BE PROVIDED FOR ANYTHING DEEMED TO BE REQUIRED BY THE AUTHORITY HAVING JURISDICTION AFTER AWARD OF BID.

- FIRE PROTECTION NOTES**
- SUBMISSION OF PROPOSAL DIRECTLY OR INDIRECTLY IN CONNECTION WITH THIS WORK SHALL IMPLY THAT THE BIDDER HAS EXAMINED THE JOB SITE UNDER WHICH HE WILL BE OBLIGATED TO OPERATE SHOULD HE BE AWARDED THE WORK UNDER THIS CONTRACT. NO EXTRA CHARGE WILL BE ALLOWED FOR FAILURE OF ANY BIDDER TO EXAMINE THE SITE PRIOR TO BID.
 - CONTRACTOR SHALL VISIT THE SITE AND VERIFY ALL DIMENSIONS IN THE FIELD, AND SHALL ADVISE THE ARCHITECT/ENGINEER AND THE OWNER OF ANY DISCREPANCIES BEFORE PERFORMING THE WORK.
 - ALL WORK SHALL CONFORM TO ALL STATE AND LOCAL CODES, RULES AND REGULATIONS AND ORDINANCES INCLUDING BUT NOT LIMITED TO NORTH CAROLINA STATE FIRE PREVENTION CODE 2018, NFPA 1 (2018), NFPA 101 (2018), NFPA 13 (2016), NFPA 20 (2016), NFPA 24 (2016), NFPA 25 (2017).
 - CONTRACTOR SHALL SECURE AND PAY ALL FEES AND PERMITS PERTAINING TO THE CONTRACT.
 - ALL EQUIPMENT SHALL BE INSTALLED IN STRICT COMPLIANCE WITH THE MANUFACTURER'S WRITTEN INSTRUCTIONS. THE CONTRACTOR SHALL PROVIDE ALL HANGERS AND SUPPORTS REQUIRED FOR A COMPLETE INSTALLATION.
 - RESTORATION OF EXISTING SYSTEMS, DEVICES, FINISHES, ETC., DAMAGED OR ALTERED BY NEW WORK TO ACCEPTABLE CONDITION AS DETERMINED BY THE OWNER, ARCHITECT AND/OR ENGINEER.
 - CONTRACTOR SHALL BE RESPONSIBLE FOR WORKMEN'S IDENTIFICATION AND BADGING, SAFETY AND FIRE PROTECTION, CONTRACTORS LIABILITY INSURANCE, BARRICADES, WARNING SIGNS, TRASH REMOVAL, CUTTING AND PATCHING.
 - CONTRACTOR SHALL SCHEDULE ALL SHUTDOWNS THAT AFFECT UTILITIES AND PORTIONS OF THE BUILDING THAT MUST REMAIN IN OPERATION WITH THE OWNER.
 - CONTRACTOR SHALL COORDINATE ALL WORK WITH THE OWNER AND ALL OTHER CONTRACTORS.
 - CONTRACTOR SHALL BE RESPONSIBLE FOR ALL RIGGING, HANDLING AND PROTECTION OF MATERIALS.
 - CONTRACTOR SHALL PROVIDE LABOR TO RECEIVE, UNLOAD, STORE, PROTECT AND TRANSFER TO POINT OF INSTALLATION, OWNER FURNISHED ITEMS.
 - WHERE CONDUIT, CABLES, DUCTWORK OR PIPING PASSES THROUGH FIRE RATED FLOORS OR WALLS, THE SLEEVES SHALL BE COMPLETELY SEALED WITH A FIRE STOP MATERIAL THAT IS UL LISTED AND ACCEPTED BY THE BUILDING DEPARTMENT AND FIRE DEPARTMENT AS BEING SUITABLE FOR THIS SERVICE SUCH AS DOW CORNING CORP., SILICONE ELASTOMER, DOW CORNING 3-8548 SILICONE RTV FOAM, OR APPROVED EQUAL. THIS MATERIAL SHALL BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF THE MANUFACTURER TO MAINTAIN THE FIRE RATING OF THE PENETRATED WALL OR FLOOR.
 - CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CORING AS IT RELATES TO HIS WORK.
 - CONTRACTOR SHALL BE RESPONSIBLE FOR ALL BEAM PENETRATIONS AS IT RELATES TO HIS WORK. CONTRACTOR SHALL SUBMIT SIZE AND LOCATION TO THE STRUCTURAL ENGINEER FOR REVIEW AND DETAIL.
 - CONTRACTOR TO PROVIDE HYDRAULIC CALCULATIONS, SYSTEM LINE SIZING, PUMP SIZING, AND SHOP DRAWINGS TO ENGINEER OF RECORD FOR APPROVAL PRIOR TO COMMENCEMENT OF WORK.
 - CONTRACTOR SHALL SUBMIT (1) SET OF INSTALLATION SHOP DRAWINGS AND EQUIPMENT CUT SHEETS IN ELECTRONIC FORMAT TO THE ENGINEER FOR APPROVAL PRIOR TO STARTING ANY WORK.
 - UPON COMPLETION OF CONSTRUCTION CONTRACTOR SHALL SUPPLY THE ENGINEER WITH (1) COMPLETE SET OF MYLAR AS-BUILT DOCUMENTS AND (3) COMPLETE COPIES OF OPERATIONS AND MAINTENANCE MANUALS. MYLARS SHALL BE OBTAINED AT CONTRACTOR'S EXPENSE.
 - ALL EXPOSED FIRE SPRINKLER PIPING TO BE PAINTED RED.
 - ALL FIRE SPRINKLERS TO BE INSTALLED CENTERED IN TILE.
 - ACCEPTANCE AND HYDROSTATIC TESTS SHALL BE PERFORMED IN ACCORDANCE WITH CHAPTER 25 OF NFPA 13.
 - DO NOT SCALE DRAWINGS FOR EXACT DIMENSIONS. VERIFY ALL CONDITIONS AT THE JOB SITE AND COORDINATE WITH ALL TRADES PRIOR TO COMMENCEMENT. THE SPRINKLER DRAWINGS ARE INTENDED TO BE DIAGRAMMATIC.
 - MATERIALS, EQUIPMENT AND INSTALLATION SHALL BE GUARANTEED FOR A PERIOD OF ONE (1) YEAR FROM THE DATE OF ACCEPTANCE. DEFECTS WHICH APPEAR DURING THAT PERIOD SHALL BE CORRECTED AT THE SPRINKLER CONTRACTOR'S EXPENSE.

- GENERAL NOTES**
- FIRE SPRINKLER SPACING TO BE:
LIGHT HAZARD: OFFICE AREA
DENSITY: 0.1GPM/SF @ 15'X15' MAX
 - ALL FIRE SPRINKLER DEVICES TO BE UL AND/OR FM APPROVED.
 - SPRINKLER PIPING SHALL BE STEEL PIPE (ASTM 53, 120, OR 135) WITH 150 PSI MALLEABLE IRON FITTINGS WITH THREADED CONNECTIONS OR TYPE "L" HARD DRAWN COPPER TUBING WITH COPPER OR BRASS FITTINGS AND 125 PSI SOLDER JOINTS ("NO-LEAD SOLDER").
A. SCH. 40, ALLIED XL OR AMERICAN BLT FOR 1" THRU 2"
B. SCH. 10 FOR 2-1/2" AND LARGER
C. SCH. 80 IF 1/2" OR 3/4" NIPPLE IS USED.
NOTE: NIPPLE CANNOT EXCEED 4" IN LENGTH AND SUPPLY ONLY ONE HEAD PER NFPA 13.
 - FITTINGS
A. BLACK CIS CLASS 125 FOR 1" THRU 2".
B. GROOVED TYPE FOR 2-1/2" AND LARGER.
 - HANGERS TO BE IN ACCORDANCE WITH NFPA 13 AND LOCAL AUTHORITIES. SPRINKLER PIPING IS NOT TO BE SUPPORTED FROM ANY MECHANICAL OR ELECTRICAL DEVICES.
MAXIMUM DISTANCE BETWEEN PIPE SUPPORTS:
* 12'-0" FOR 1 1/4" DIAMETER PIPE AND SMALLER
* 15'-0" FOR 1 1/2" DIAMETER PIPE AND LARGER

FIRE PROTECTION DRAWING LIST

DRAWING NUMBER	DRAWING NAME
FP01	FIRE PROTECTION NOTES, LEGEND AND DETAILS
FP11	FIRE PROTECTION PLAN

NOTE

THESE DRAWINGS ARE PREPARED PER ESTABLISHED INDUSTRY STANDARDS AND REPRESENT THE ENGINEERS DESIGN CONCEPT. THEY ARE NOT INTENDED TO PROVIDE EVERY DETAIL OR CONDITION REQUIRED TO CONSTRUCT THE BUILDING. THE CONTRACTOR THROUGH SUBMITTALS AND OTHER COORDINATION EFFORTS IS FULLY RESPONSIBLE FOR PROVIDING A COMPLETE AND OPERATIONAL BUILDING WHETHER INDICATED ON THE PLANS OR NOT.

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An Interior Renovation for:
**Harnett Health
Central Sterile Renovation**
215 Brightwater Drive
Lillington, North Carolina

job no. 24-029/25157
principal: AJY
designer: RR/HL/KS
file name:

date: 09.26.25
title:
**FIRE
PROTECTION
NOTES, LEGEND
AND DETAILS**

FP01

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