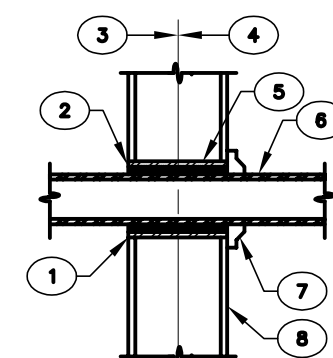


HEAD LOCATION DETAIL

SCALE: NONE

SLEEVE SCHEDULE	
PIPE SIZE	SLEEVE SIZE
1" - 1-1/2"	2 - 2 1/2"
2" _____	4" _____
3" _____	5" _____
4" _____	6" _____



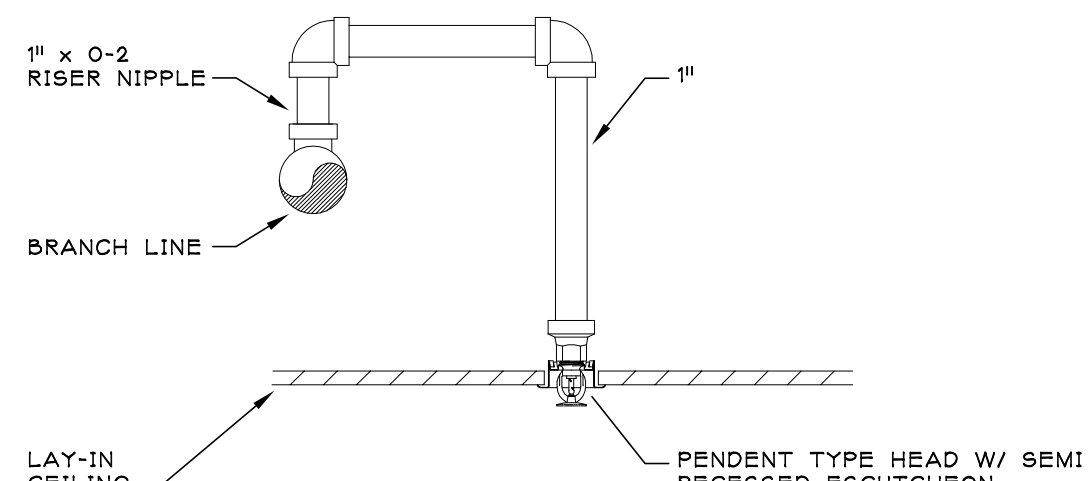
ATED INTERIOR WALL

GENERAL NOTE:

1. SLEEVES NOT REQUIRED WHERE PENETRATIONS ARE CORE-DRILLED THROUGH MASONRY WALLS/FLOORS. VERIFY REQUIREMENTS WITH APPLICABLE UL FIRESTOP DETAIL.

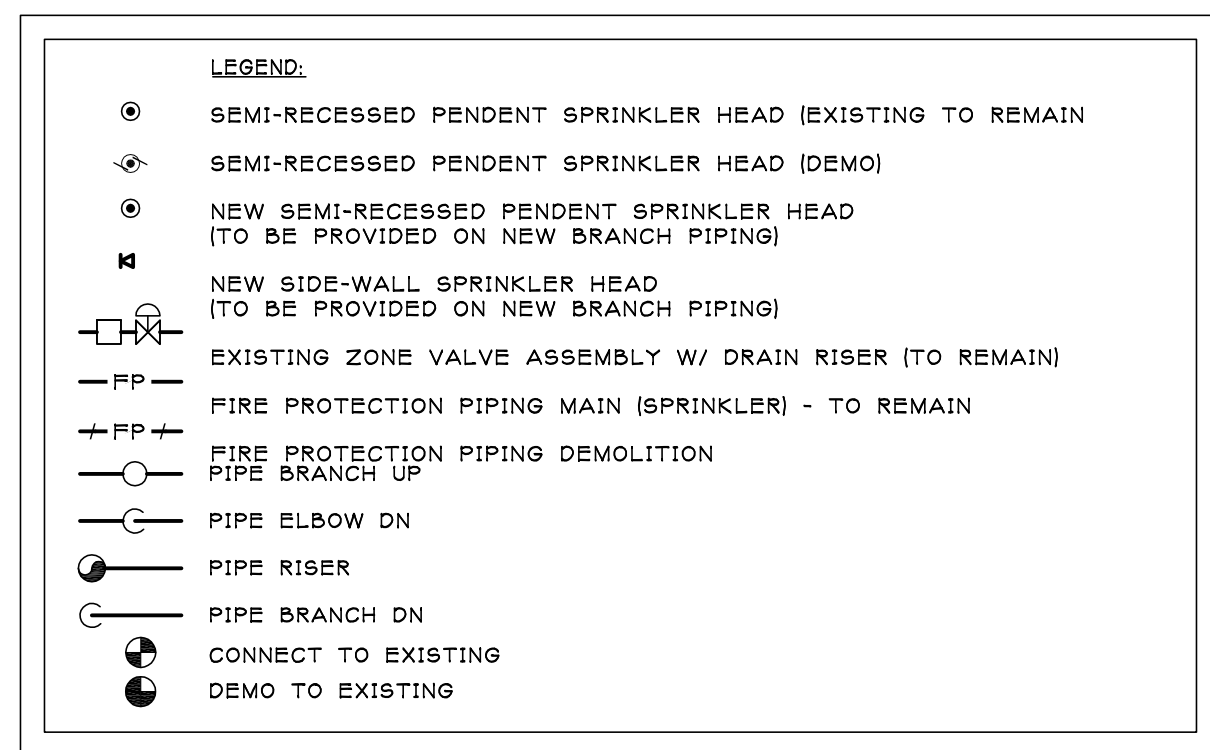
INTERIOR WALL SLEEVE DETAIL

SCALE: $\frac{1}{8}'' = 1'-0''$



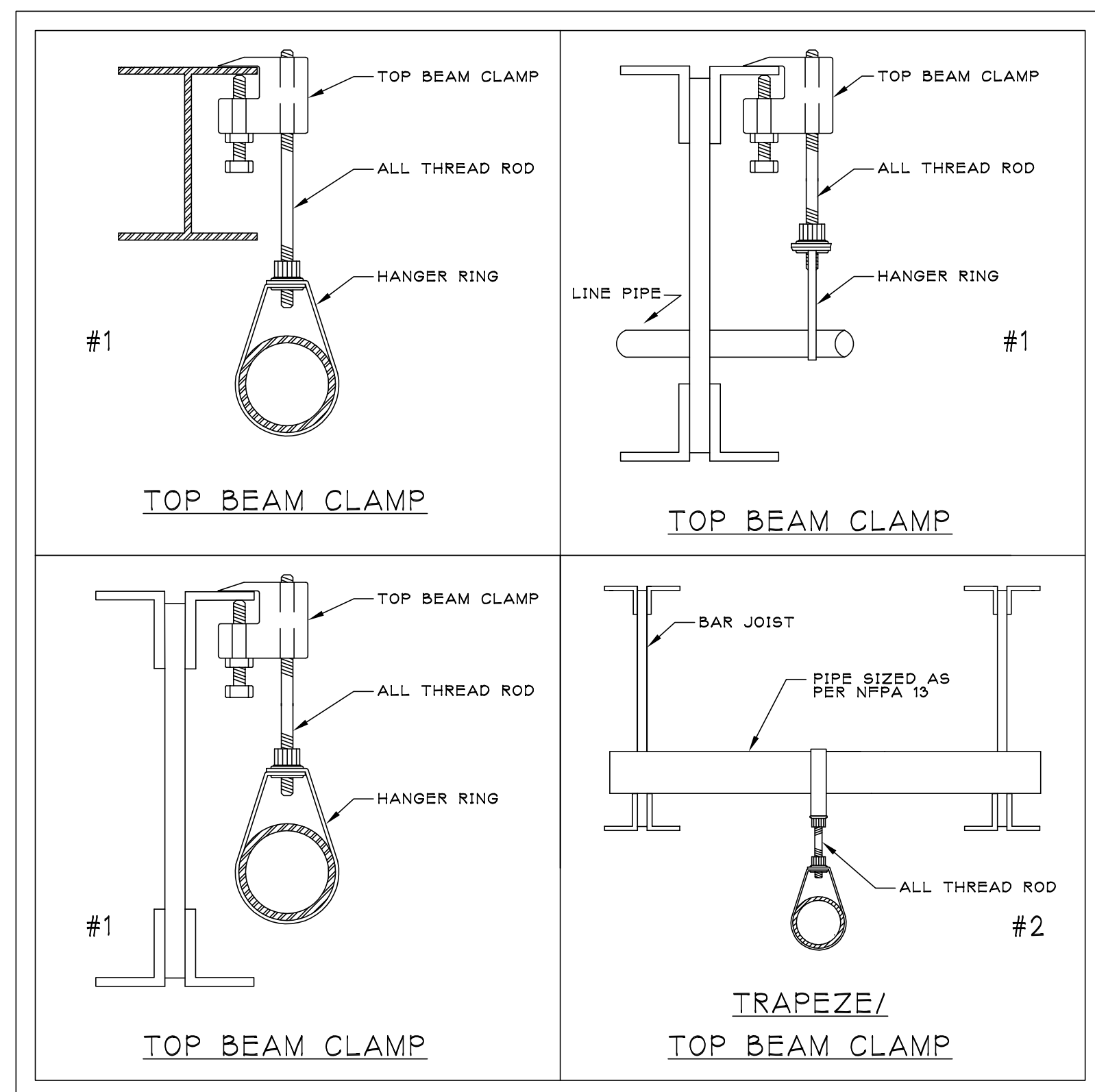
ARM-OVER TAKE-OFF DETAIL

SCALE: NONE



GENERAL FIRE PROTECTION NOTES:

1. DRAWINGS ARE DIAGNAMATIC AND INDICATE GENERAL ARRANGEMENT OF SYSTEMS AND WORK INCLUDED IN THE CONTRACT. IT IS NOT INTENDED TO SPECIFY OR SHOW EXACT LOCATIONS OF SPRINKLER HEADS, BRANCH PIPING, OR OTHER COMPONENTS AND MATERIALS WHETHER OR NOT INDICATED OR SPECIFICALLY IDENTIFIED. THE MAJOR SYSTEMS BEING INSTALLED COMPLETE, CODE COMPLIANT, TESTED AND OPERATIONAL.
2. EXISTING FIRE PROTECTION PIPING LOCATION AND ARRANGEMENT IS APPROXIMATE AND THE CONTRACTOR SHALL VERIFY ALL LOCATIONS, DIMENSIONS, SIZES AND ELEVATIONS PRIOR TO CONSTRUCTION.
3. CONTRACTOR SHALL ENLIST THE SERVICES OF A QUALIFIED SPRINKLER DESIGNER AND INSTALLATION FIRM WITH A MINIMUM OF 10 YEARS EXPERIENCE IN THE FIELD AND A PROVEN RECORD OF SUCCESSFUL HEALTHCARE FACILITY CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE SPRINKLER DRAWINGS DEVELOPED BY A NECT LEVEL-III DESIGNER, WHICH SHALL BE APPROVED BY THE LOCAL HEALTH DEPARTMENT. ALL WORK IN THESE AREAS INDICATED IN ACCORDANCE WITH NFPA-13 GUIDELINES AND ALL LOCAL, STATE AND FEDERAL REQUIREMENTS.
4. ALL MATERIALS, EQUIPMENT, METHODS OF INSTALLATION, REMOVALS AND DISPOSAL SHALL BE IN ACCORDANCE WITH THE STANDARDS, REGULATIONS, CODES, ORDINANCES AND ALL APPLICABLE LOCAL, STATE AND FEDERAL GOVERNMENTS, AND OTHER AUTHORITIES THAT HAVE LAWFUL JURISDICTION.
5. PERFORM WORK, PROVIDE MATERIALS AND EQUIPMENT FOR SYSTEMS SHOWN.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND PHASES OF THIS CONTRACT AND PROVIDE COMPLETE AND FULL FUNCTIONAL INSTALLATION. ALL WORK IN THIS SET TO BE COMPLETED UNDER THIS CONTRACT, UNLESS OTHERWISE INDICATED.
7. PROTECT ALL EXISTING AND NEW BUILDING ELEMENTS FROM DAMAGE. CONTRACTOR SHALL RESTORE ALL DAMAGED ELEMENTS TO ORIGINAL OR BETTER CONDITION.
8. WORK SHALL BE EXECUTED IN A WORKMANLIKE MANNER AND SHALL PRESENT NEAT, ORDERLY AND COMPLETE. ALL WORK SHALL BE PROTECTED FROM DAMAGE AT ALL TIMES. DO NOT RUN PIPES, DUCTS, OR CONDUIT EXPOSED UNLESS SHOWN AND NOTED ON THE DRAWINGS.
9. MATERIALS AND EQUIPMENT SHALL BE NEW AND INSTALLED ACCORDING TO MANUFACTURER'S INSTRUCTIONS AND RECOMMENDATIONS. MAINTAIN MANUFACTURER'S EQUIPMENT CLEARANCES.
10. CONTRACTOR IS RESPONSIBLE FOR ALL WORK RELATED TO ISOLATING, SHUTTING DOWN AND TESTING SYSTEMS TO ALLOW FOR COMPLETION OF WORK. INTERRUPTIONS TO EXISTING SERVICES AND SYSTEMS SHALL BE AS SHORT AS POSSIBLE. ALL WORK SHALL BE COMPLETED AT THE EARLIEST PRACTICABLE TIME. ALL APPLICABLE INCLUDE ALL PREMIUM TIME ASSOCIATED WITH INTERRUPTIONS. ALL INTERRUPTIONS AND DELAYS SHALL BE COORDINATED WITH OWNER, UTILITY AND COORDINATED WITH OTHER TRADE WORK.
11. ALL EQUIPMENT PIPING, WIRING, INSULATION ETC. INSTALLED IN HVAC AIR PLenum SHALL BE PROTECTED TO FIT WITH THE EXISTING OBSERVATION AND ACCESS PANELS.
12. SEAL ALL PENETRATIONS THROUGH FIRE RATED WALLS, PARTITIONS AND FLOORS WITH UL RATED MATERIALS/METHODS EQUIVALENT TO FIRE RATING OF ASSEMBLY.
13. PROVIDE PROPER ACCESS TO EQUIPMENT THAT REQUIRES INSPECTION, REPLACEMENT OR REPAIR. ACCESS PANELS/DOORS SHALL BE A MINIMUM OF 12"x12", UNLESS OTHERWISE NOTED.
14. DO NOT SUPPORT EQUIPMENT FROM SUSPENDED CEILINGS. ALL SUPPORT SHALL BE FROM BUILDING STRUCTURE OR FROM CEILING SUSPENSION SYSTEM WHICH HAS BEEN DESIGNED BY THE SUPPLIER. THE SUPPLIER SHALL BE SELECTED AND INSTALLED TO PROVIDE A VIBRATION FREE INSTALLATION.
15. EXISTING SPRINKLER HEADS TO REMAIN IN ADJACENT AREAS UNLESS NOTED
16. REMOVE EXISTING SPRINKLER HEADS AND BRANCH PIPING FOR ADDITIONAL AND PREPARE FOR CONNECTION TO NEW. SEE NEW WORK PLAN FOR CEILING AND INFORMATION.
17. ALL BRANCH PIPING SHALL BE LOCATED HIGH ENOUGH ABOVE CEILING TO ALLOW FOR THE CEILING TO BE OPENED WITHOUT OBSTRUCTING THE PIPING.

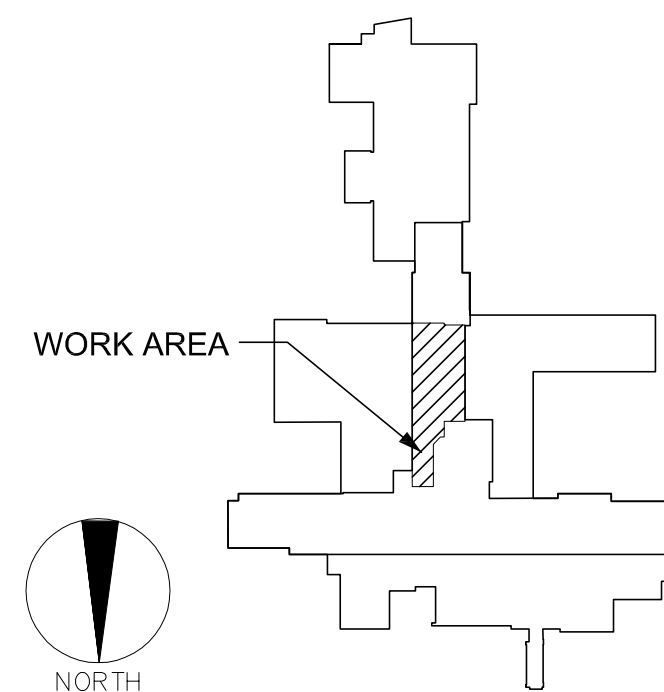


NOTE: ALL HANGERS ARE TYPE #1 UNLESS NOTED OTHERWISE

TYPICAL HANGER DETAILS

SCALE: NONE

MAXIMUM DISTANCE BETWEEN HANGERS			
STEEL PIPE EXCEPT THREADED LIGHTWALL		THREADED LIGHTWALL STEEL PIPE	
3/4"	N/A	3/4"	N/A
1"	12'-0	1"	12'-0
1-1/4"	12'-0	1-1/4"	12'-0
1-1/2"	15'-0	1-1/2"	12'-0
2"	15'-0	2"	12'-0
2-1/2"	15'-0	2-1/2"	12'-0
3"	15'-0	3"	12'-0
3-1/2"	15'-0	3-1/2"	N/A
4"	15'-0	4"	N/A



KEY PLAN

Scale: As Noted

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