

SPRINKLER SYSTEM NOTES

1. SPRINKLER SYSTEM CONFORMS WITH NFPA #13-1989 AS MODIFIED BY BS # A CAL. NO. 310-90 BCR.
2. THE INSTALLATION, COMPONENTS, SIZING, SPACING, CLEARANCES, POSITION & TYPE OF SYSTEMS SHALL CONFORM TO RS 17-2 & 27-954.
3. ONLY APPROVED DEVICES SHALL BE USED AS PER 27-956
4. SPRINKLERS SHALL BE PROTECTED AGAINST FREEZING & INJURY AS PER 27-966.
5. INSPECTIONS & TESTS OF SPRINKLER SYSTEMS SHALL BE CONDUCTED AS PER 27-967 & 27-951 (A THROUGH F)
6. THE OCCUPANCY OF THE AREAS TO BE SPRINKLERED SHALL BE IN ACCORDANCE WITH CHAPTER 1.7 OF RS 17-2.
7. WATER SUPPLY TEST PIPES & GAUGES SHALL BE PROVIDED AS PER CHAPTER 2-9 OF RS 17-2
8. SPACING, LOCATION & POSITION OF SPRINKLER SHALL BE IN ACCORDANCE WITH CHAPTER 4 OF RS 17-2
9. ALL PIPE PASSING THROUGH WALLS SHALL COMPLY WITH 27-343.
10. THERE IS NO HIGH PILED STORAGE AS DEFINED IN CHAPTER 4-1.3.10 OF RS 17-2.
11. DISTANCE OF SPRINKLERS FROM HEAT SOURCE SHALL BE AS PER TABLE 3-1.1.6.3(A) OF RS 17-2.
12. ALL VALVES SHALL BE IDENTIFIED AS PER CHAPTER 3-9.4 OF RS 17-2.
13. DRAINAGE SHALL CONFORM TO CHAPTER 3-6 OF RS 17-2
14. FITTINGS SHALL BE PROVIDED AS PER 27-956 AND CHAPTER 3-8 OF RS 17-2.
15. VALVES SHALL BE APPROVED TYPE AS PER CHAPTER 3-9 OF RS 17-2.
16. PIPE HANGERS TO BE PROVIDED AS PER 27-956 AND CHAPTER 3-10 OF RS 17-2.
17. PROVISIONS SHALL BE MADE TO FACILITATE FLUSHING SYSTEM PIPING AS PER CHAPTER 3-32 OF RS 17-2.
18. SPRINKLERS SHALL BE AN APPROVED TYPE AS PER CHAPTER 3-1.1 OF RS 17-2.
19. TEMPERATURE RATING OF SPRINKLERS SHALL COMPLY WITH CHAPTER 3-1.1.5 OF RS 17-2.
20. MINIMUM CLEARANCE OF 1" BELOW SPRINKLER DEFLECTORS SHALL BE MAINTAINED AS PER CHAPTER 4-25 OF RS 17-2.
21. CONCEALED PIPING IS TO BE INSPECTED PRIOR TO BEING COVERED.
22. SPRINKLER SYSTEM ALARMS SHALL BE PROVIDED AS PER 27-967 AND CHAPTER 3-1.2 & 3-1.2.2 OF RA 17-2.
23. SPARE SPRINKLER HEADS AND WRENCH TO BE ON PREMISES AS PER CHAPTER 3-1.1.7 OF RS 17-2.
24. SPRINKLER SYSTEM IS DESIGNED IN ACCORDANCE WITH CHAPTER 7 OF RS 17-2.
25. SIDEWALL HEAD SPRINKLER HEAD BS4A # 375-75-5A.
26. ON-OFF SPRINKLER HEAD BS4A # 375-75-5A.
27. WATER FLOW ALARM MEA 3 750-76-5A.

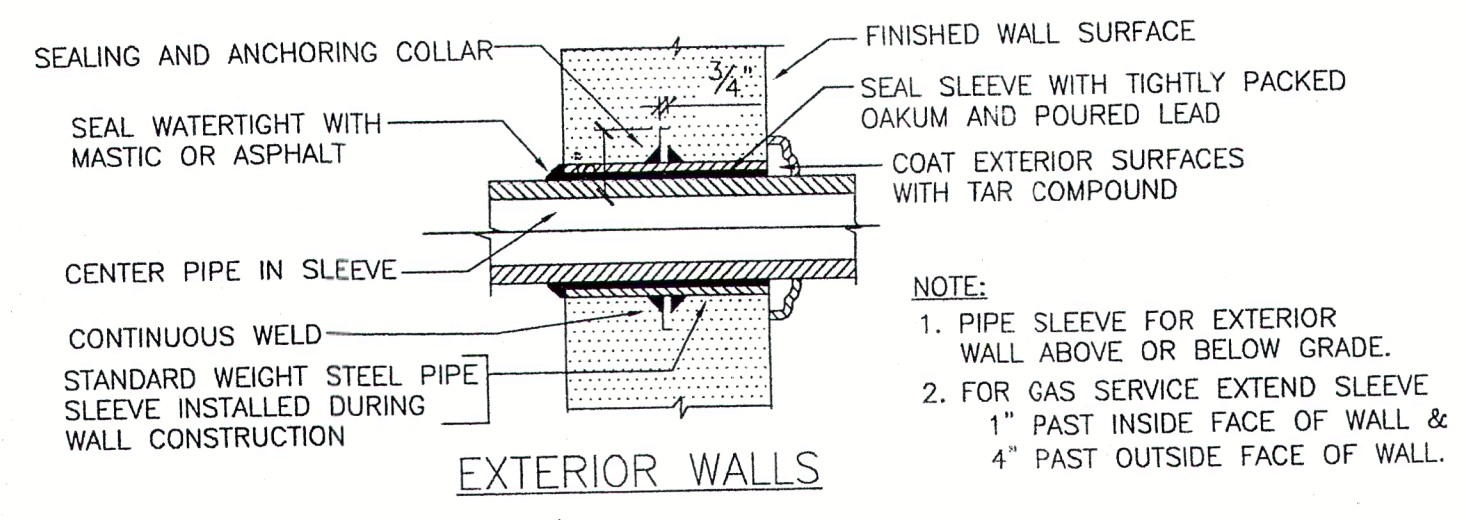
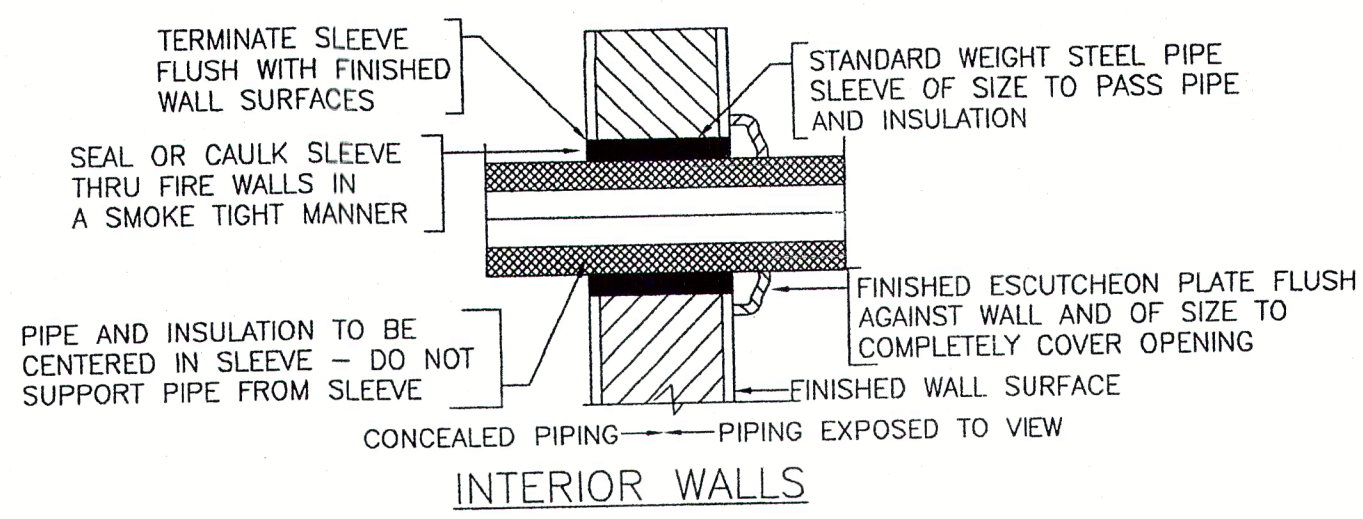
SPRINKLER HEADS SHALL BE NYC APPROVED, FM APPROVED, UL LISTED, RELIABLE BS4A NO. 587-75-5A

ALL SPRINKLER PIPING IS SIZED IN ACCORDANCE WITH SECTION 29-01 OF THE NYC BUILDING CODE, PIPE SCHEDULE SIZING METHOD

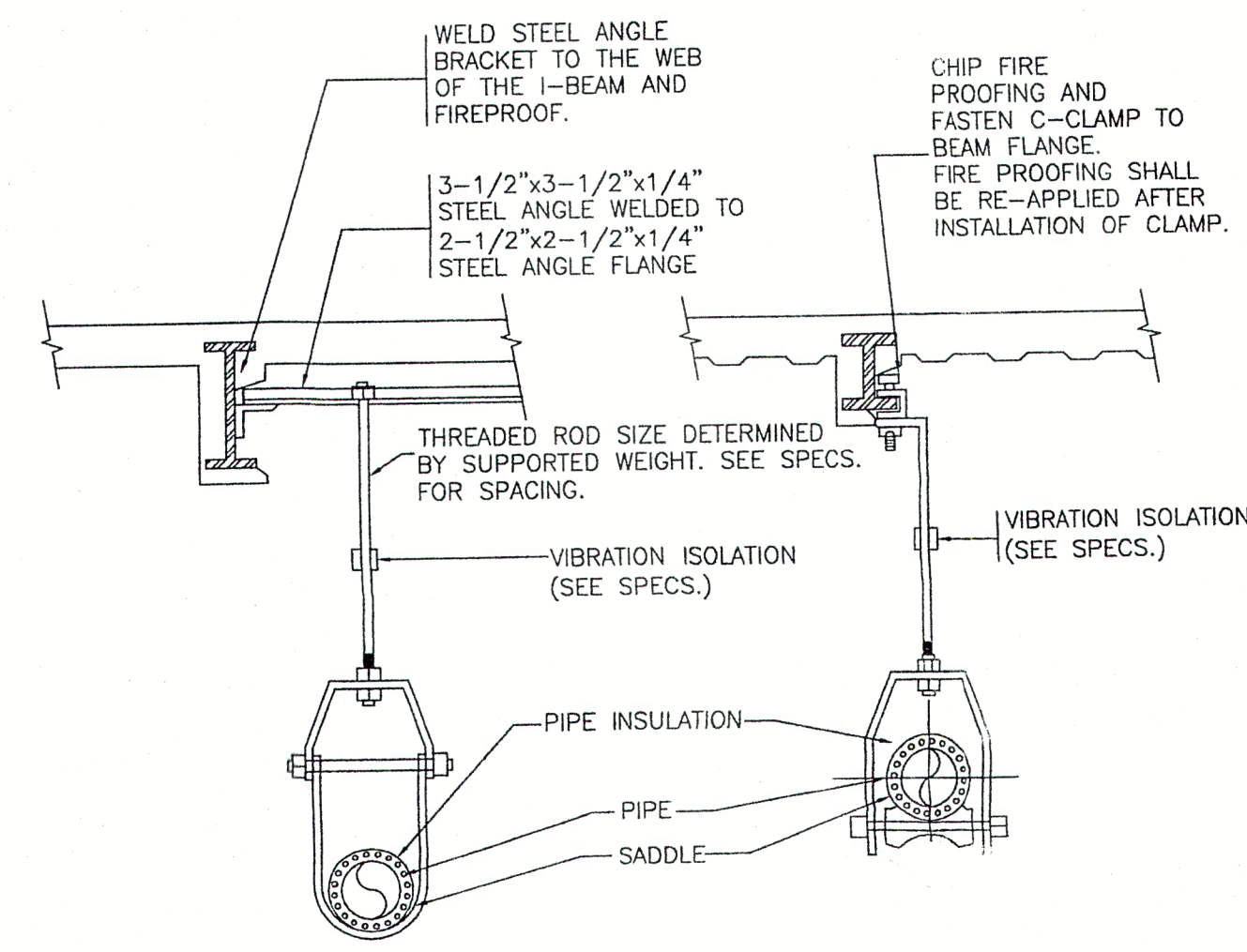
MAXIMUM DISTANCE BETWEEN HANGERS	
STEEL PIPE SIZE	MAXIMUM DISTANCE
UP TO 1 1/2"	12 FT.
1 1/2" AND LARGER	15 FT.

SPRINKLER VALVE NORMALLY OPEN "SIGN#1"	SPRINKLER ALARM WHEN BELL RINGS CALL FIRE DEPT "SIGN#2"
INSPECTOR'S TEST CONNECTION "SIGN#3"	SPRINKLER F.D. SIAMESE CONNECTION KEEP CLEAR "SIGN#4"

PROVIDE THESE SIGNS AT LOCATIONS SHOWN ON DRAWINGS



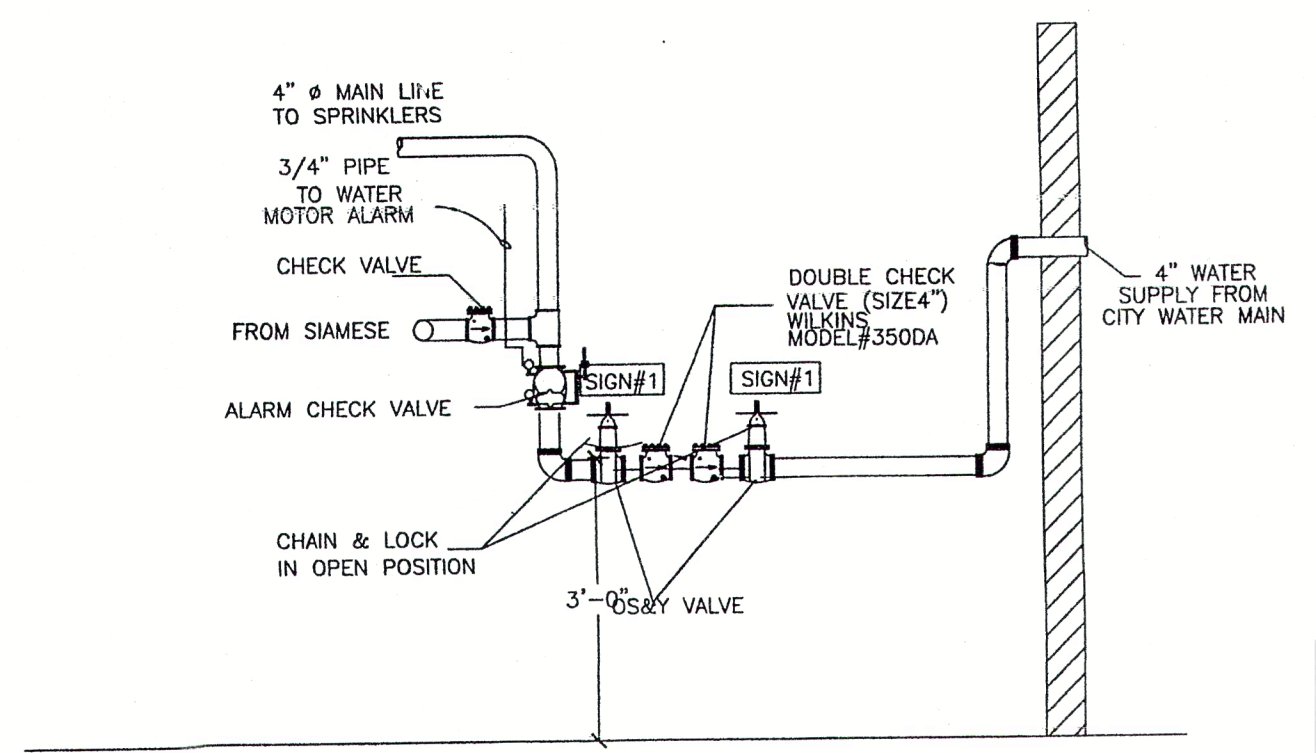
PIPE SLEEVES THRU WALL
N.T.S.



NOTES:

1. SHOP DRAWINGS SHALL BE SUBMITTED SHOWING HANGER LAYOUTS AND LOADS OF EACH HANGER. CALCULATIONS FOR HEAVY LOADS (100 LBS. OR GREATER) OR ANY VARIATION IN HANGERS SHALL HAVE THE SUBMITTED DRAWINGS AND CALCULATIONS SIGNED AND SEALED BY A N.Y. LICENSED PROFESSIONAL ENGINEER.
2. FISHPLATE DETAIL MAXIMUM LOAD 300 LBS.
3. STEEL TO STEEL ANGLE DETAIL MAXIMUM LOAD 400 LBS.
4. ANCHOR BOLT MAXIMUM LOAD 60 LBS.
5. BEAM CLAMP DETAIL MAXIMUM LOAD 300 LBS.
6. PROVIDE UNIT PRICE FOR EACH DIFFERENT PIPE SUPPORT DETAIL.

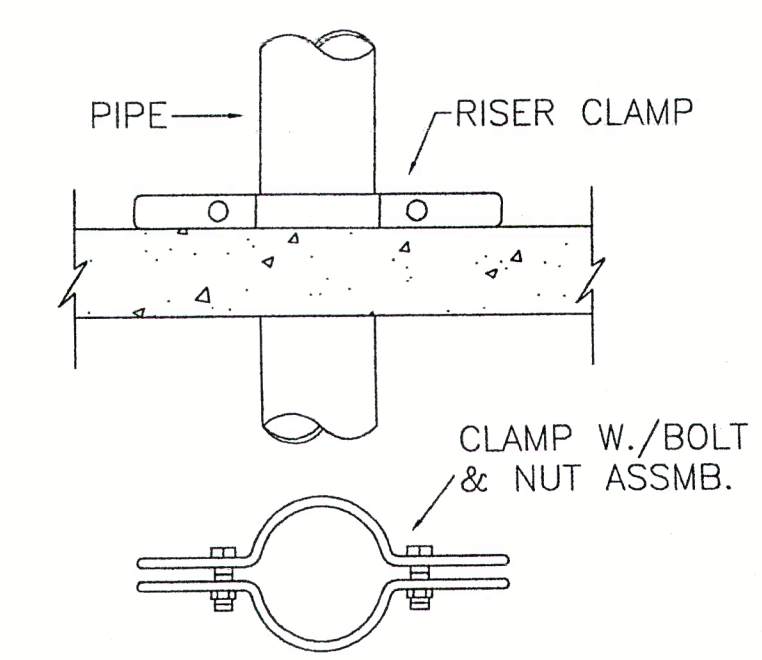
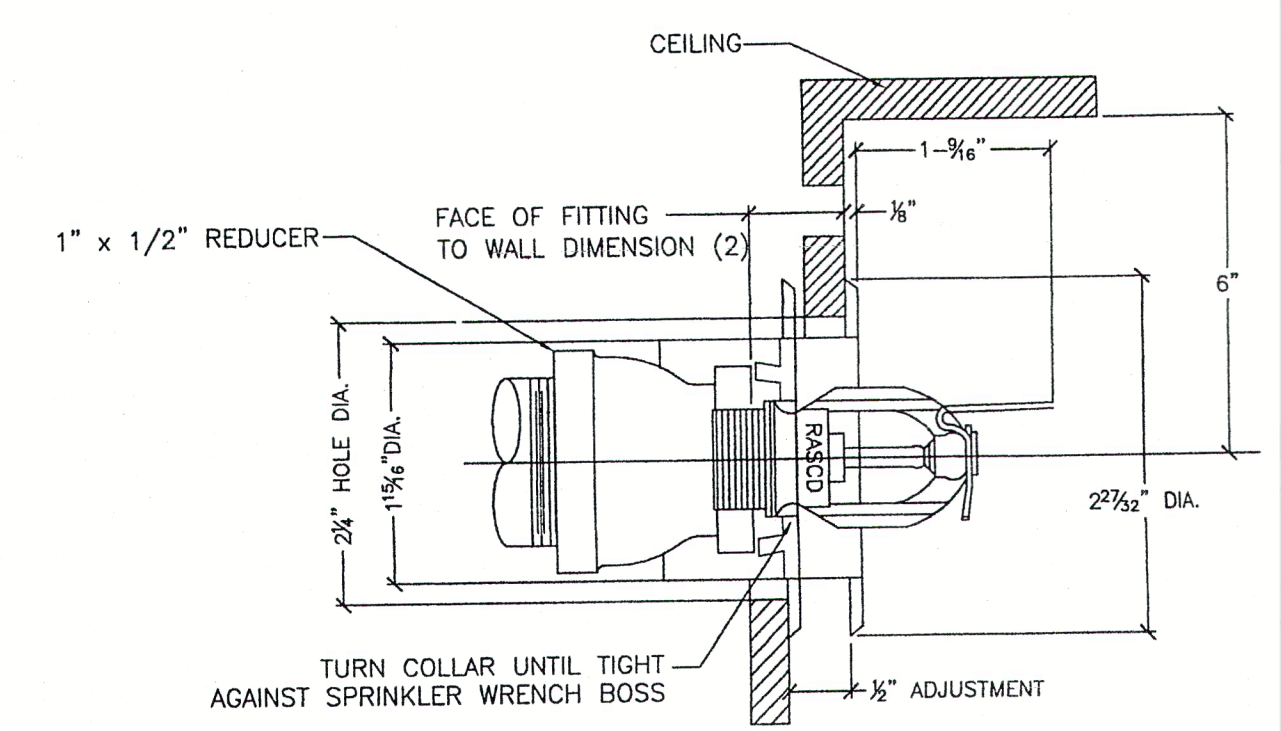
TYPICAL PIPE HANGING DETAIL
N.T.S.



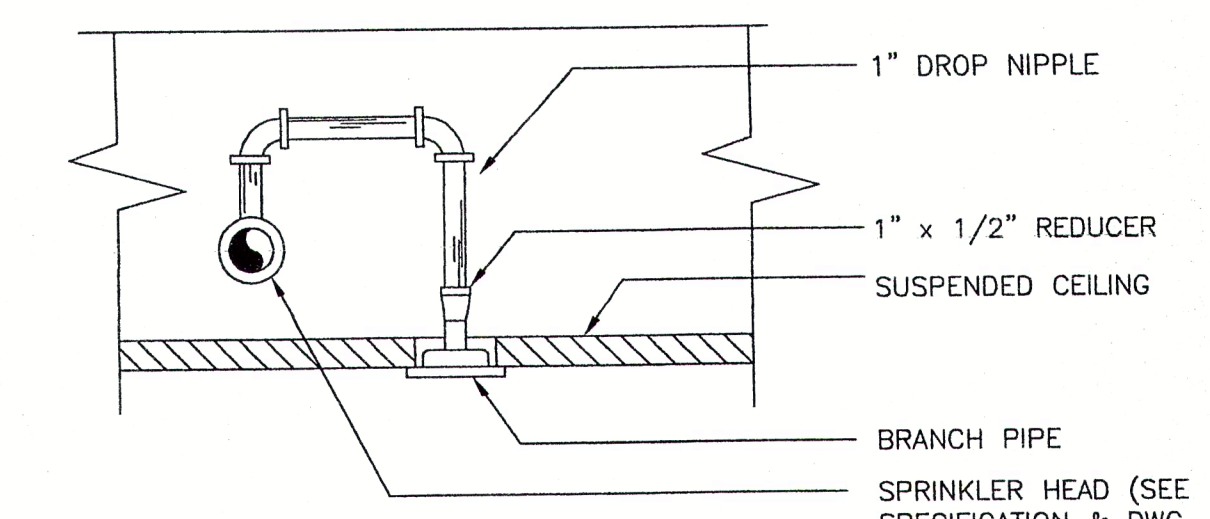
NOTES:

1. LOCATE D.C.D.A. CLOSE TO ENTRY OF FIRE WATER SERVICE AND PROVIDE SUPPORT TO PREVENT LATERAL MOVEMENT.
2. INSTALL D.C.D.A. 18" FROM THE LOWEST PART AND 5'-0" TO THE TOP OF THE DEVICE, AND 8" FROM THE WALL.

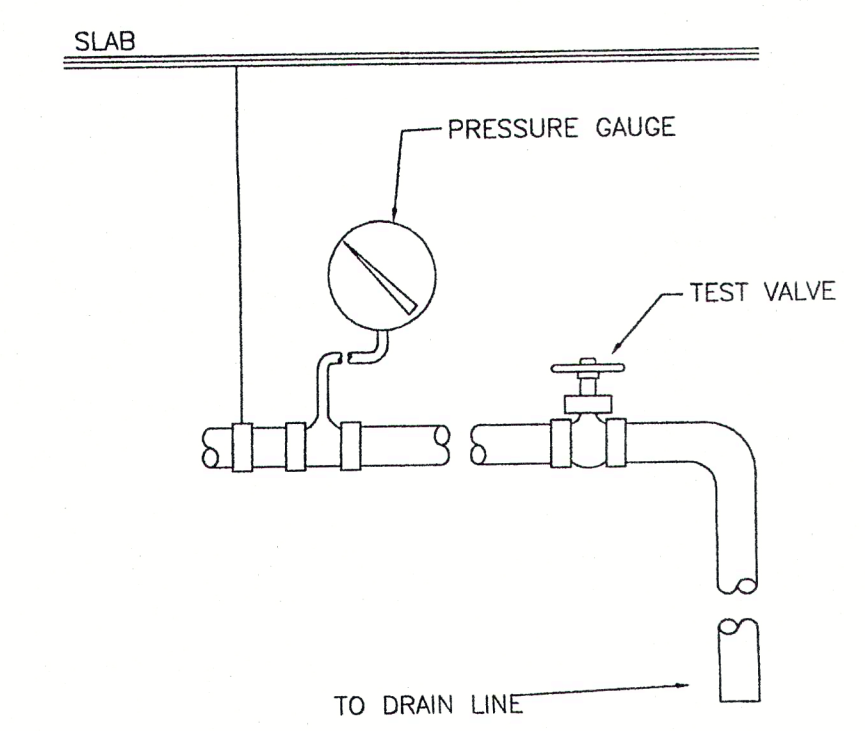
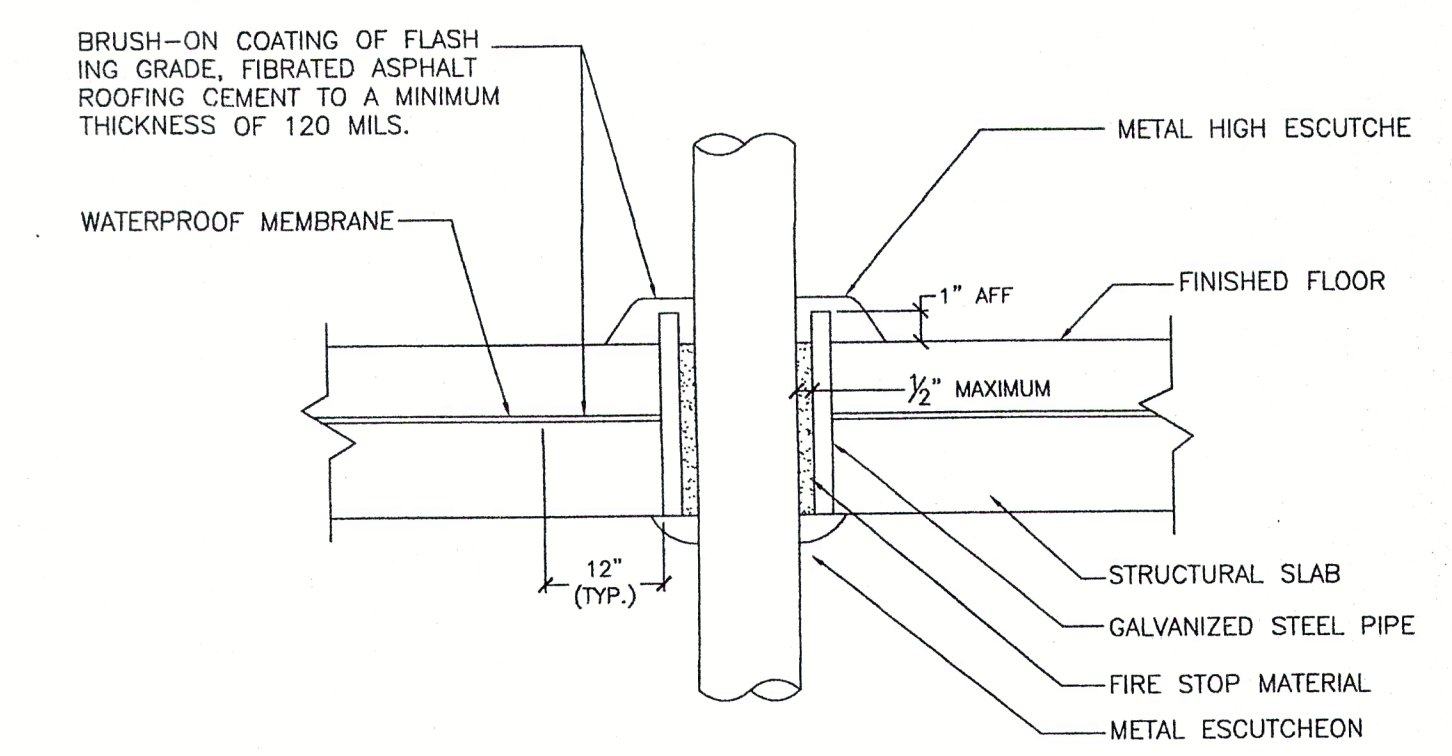
RECESSED HORIZONTAL SIDEWALL SPRINKLER
N.T.S.



DETAIL OF SPRINKLER HEAD THRU SUSPENDED CEILING
NOT TO SCALE

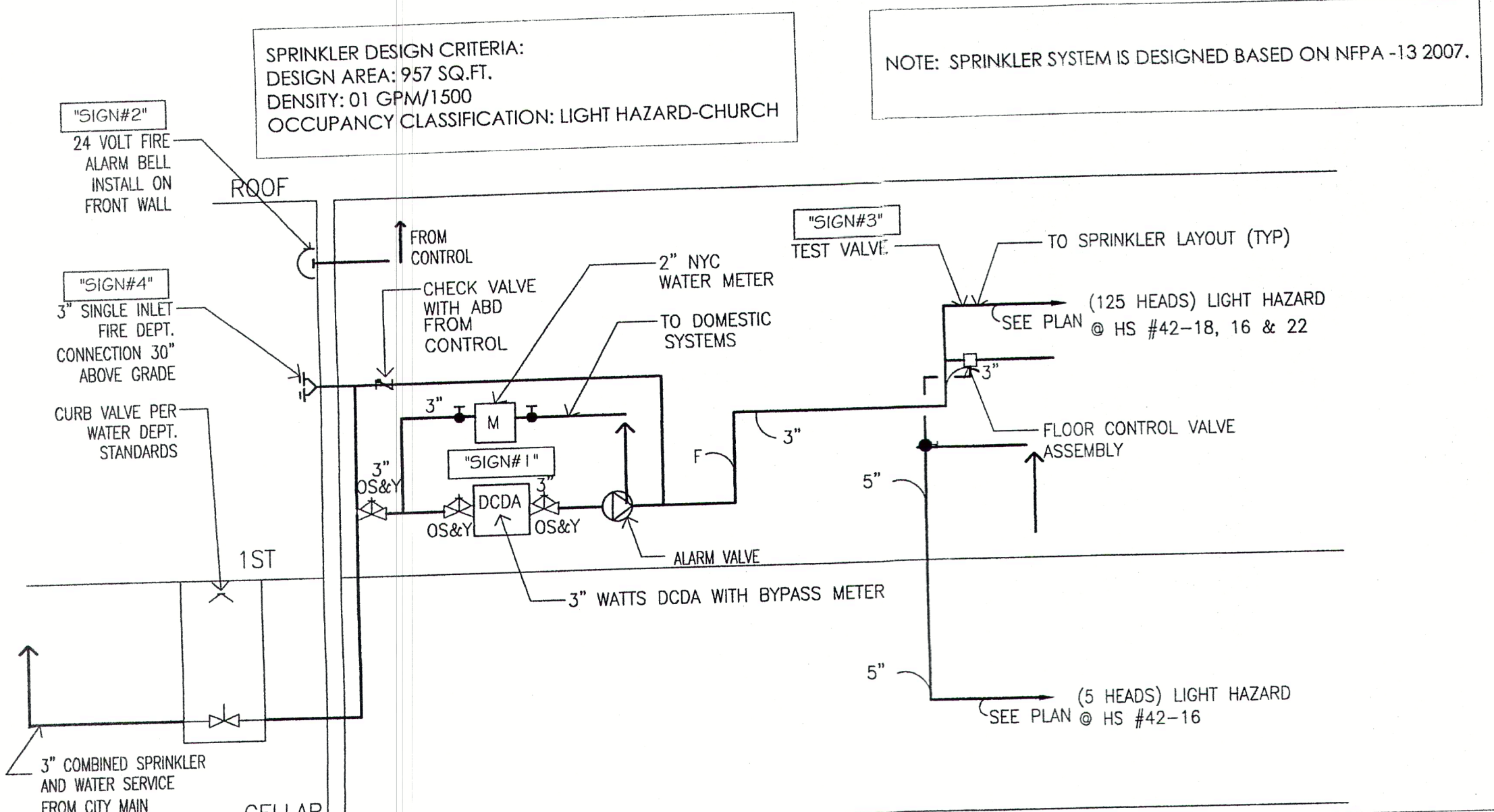


DETAIL OF SPRINKLER HEAD THRU SUSPENDED CEILING
NOT TO SCALE



DOB STAMP:

ACCEPTABLE FOR PERMIT UNDER DIRECTIVE NO. 1475
AUG 01 2019
BOUBACK R SOW



NOTE: CONFORMANCE ATTESTING TO SUCH FROM THE MANUFACTURER INFORMATION OR TEST DATA APPLICABLE, SUPPORTING THEY CONFORM AND WHERE THE TEST STANDARD TO WHICH IDENTIFICATION OF ALL MATERIALS TO BE USED. A.C 28-104.7.8

SPRINKLER RISER DIAGRAM

SCOPE OF WORK NEW FIRE SPRINKLER SYSTEM IN CONJUNCTION WITH ALT I APPLICATION 320548494.	WORK TYPE SP. PL.	CONTROLLED INSPECTION TR1 - SPECIAL INSPECTION CATEGORIES - SPRINKLER SYSTEM CODE/SECTION: BC 1704.22 - FIRE PENETRATIONS CODE/SECTION: BC 1704.27	LEGEND EXISTING STRUCTURE PROPERTY LINE EXISTING WALL	<p>H G LEE ARCHITECT P.C.</p> <p>DESIGN • ENGINEERING • INTERIORS CONSTRUCTION SUPERVISION 34-16 149TH STREET, FLUSHING, NY 11354 TEL: (718)461-9100 FAX: (718)460-0843</p>		<p>ARCHITECT ASSUMES NO RESPONSIBILITY FOR ANY WORK FROM APPROVED PLANS THE CONTRACTOR MUST OBTAIN WRITTEN APPROVAL FOR ANY CHANGES FROM ARCHITECT BEFORE COMMENCING SUCH WORK.</p>	LOCATION: 471 UTICA AVE	SCALE: AS NOTED
		TR1 - PROGRESS INSPECTIONS CATEGORIES - ENERGY CODE COMPLIANCE INSPECTIONS, BC 10.3.5					<p>BLOCK # 4591 LOT # 63</p> <p>ZONE # C8-2 MAP# 17B</p>	DATE: 8/01/19
DRAWING TITLE: NOTES, SIGNS, SPRINKLER RISER DIAGRAM, DETAILS							FLOOR #:	DRAWN BY: J.M.
							DRAWING No:	SP-004.00
							SHEET No. 4 of 5	