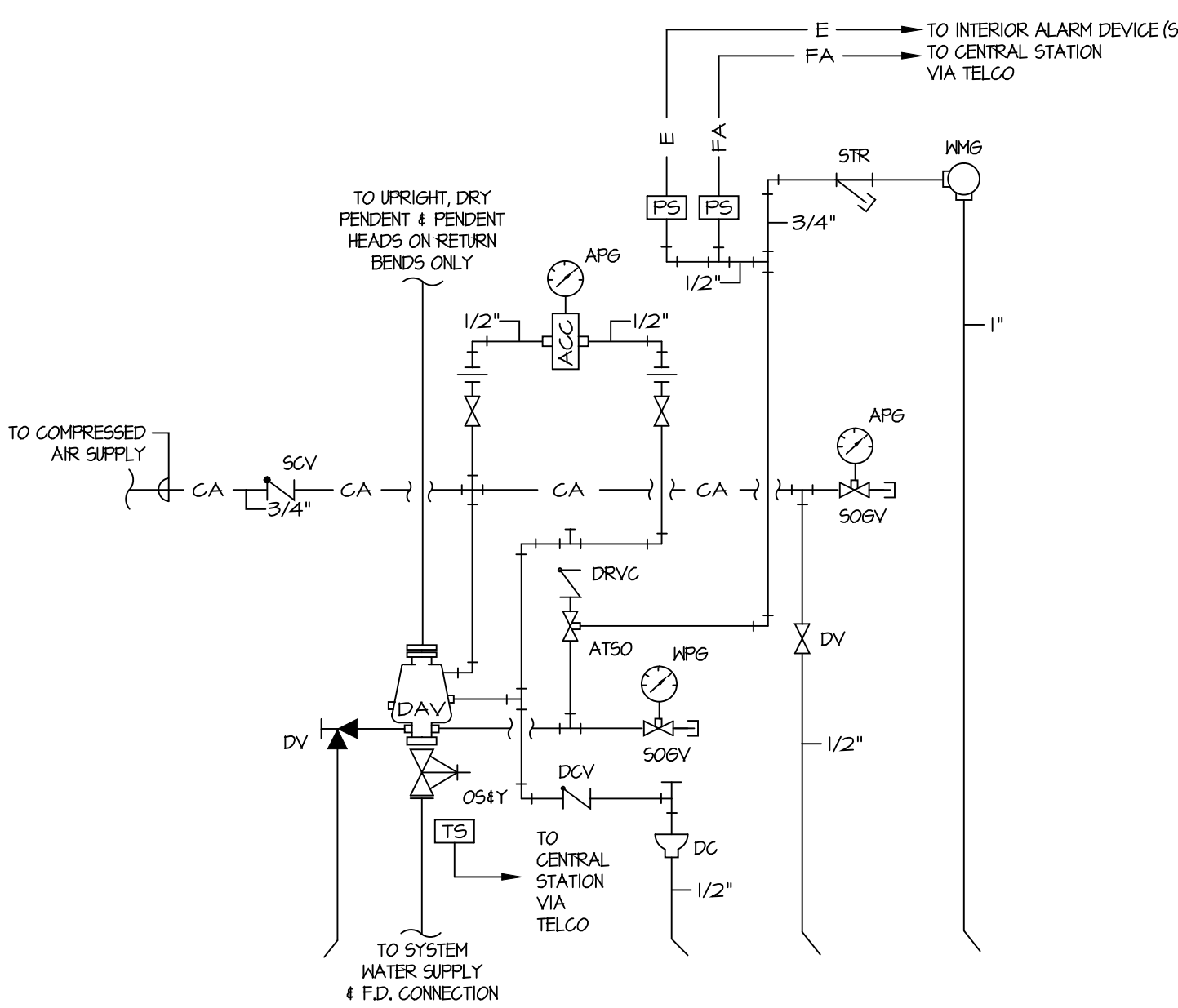
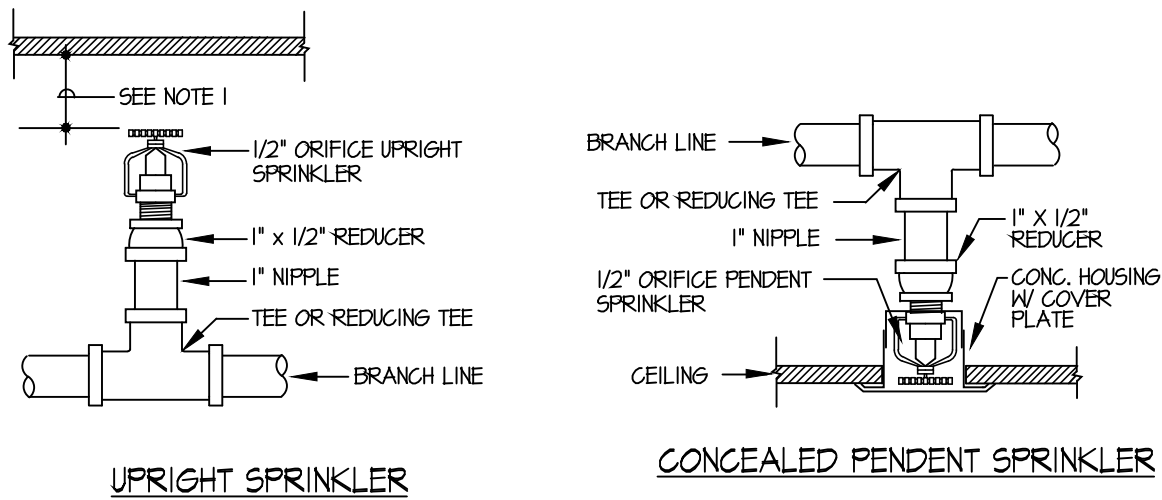


ATTIC FIRE PROTECTION PLAN
SCALE: 1/8"=1'-0"



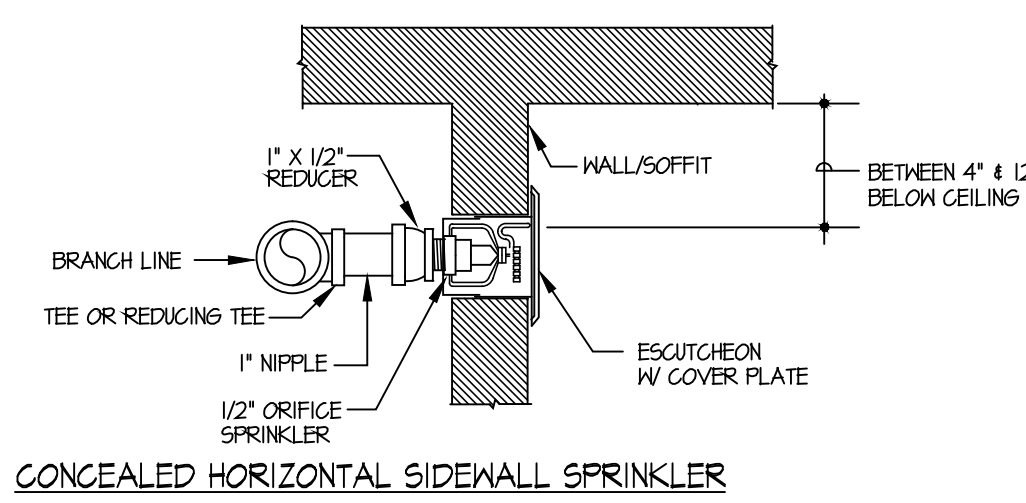
TYPICAL VALVE TRIM FOR DRY SPRINKLER SYSTEM (BASED ON VIKING CORP.) (N.T.S.)

COMPONENT ABBREVIATIONS	
ACC	ACCELERATOR
APG	AIR PRESSURE GAUGE (0-250psi)
ATSO	ALARM TEST SHUT-OFF VALVE
CA	COMPRESSED AIR PIPING
DAV	DRY ALARM VALVE
DC	DRIP CUP
DCV	DRIP CHECK VALVE
DCV	DRIP VALVE
DV	DRY VALVE
OS&Y	OUTSIDE STEM & YOKE GATE VALVE
PS	PRESSURE SWITCH
SCV	SHOCK CHECK VALVE
SO&V	SIDE OUTLET GATE VALVE
STR	STRAINER
TS	TAMPER SWITCH
WMG	WATER MOTOR GONG



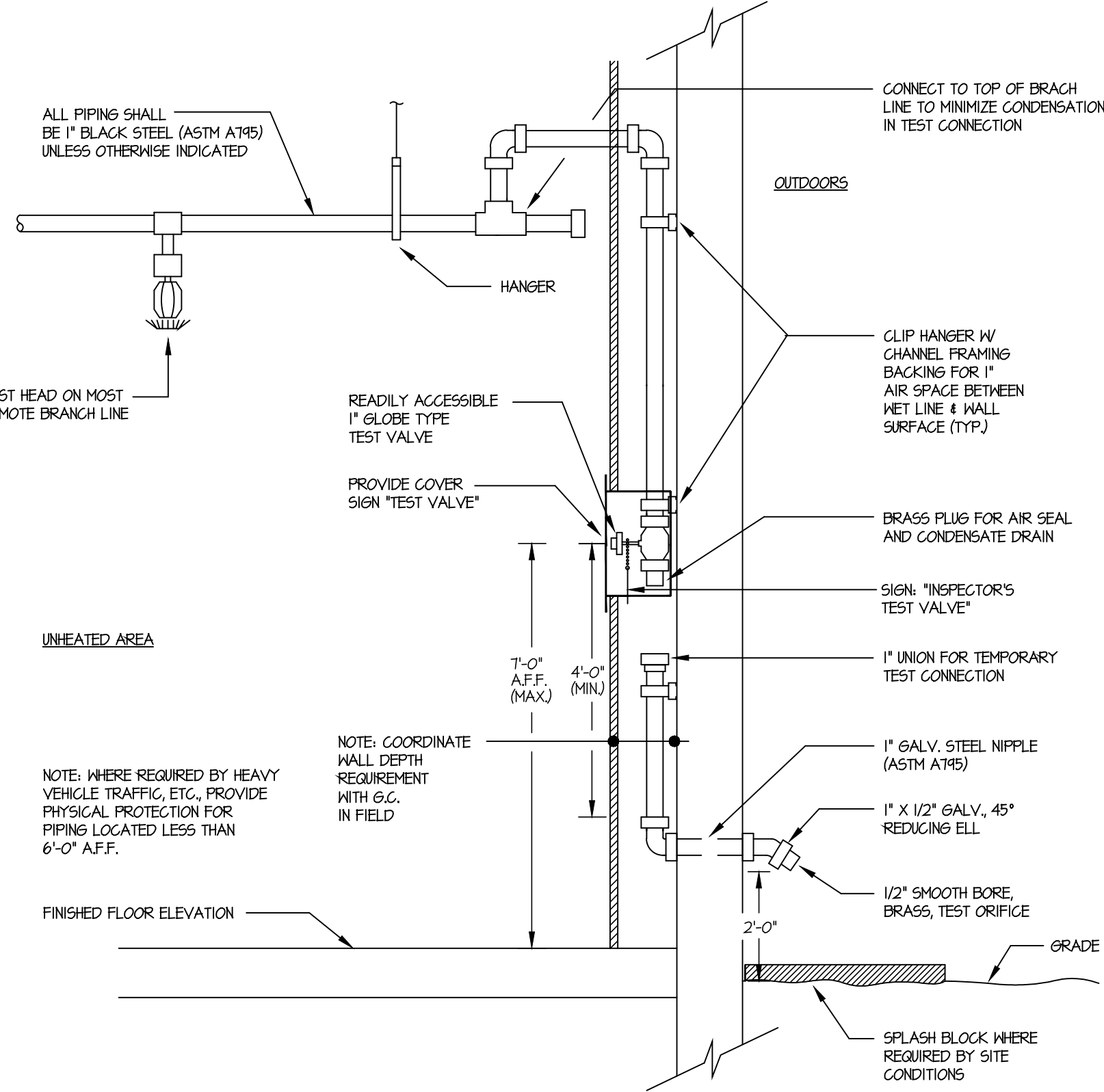
UPRIGHT SPRINKLER

CONCEALED PENDENT SPRINKLER

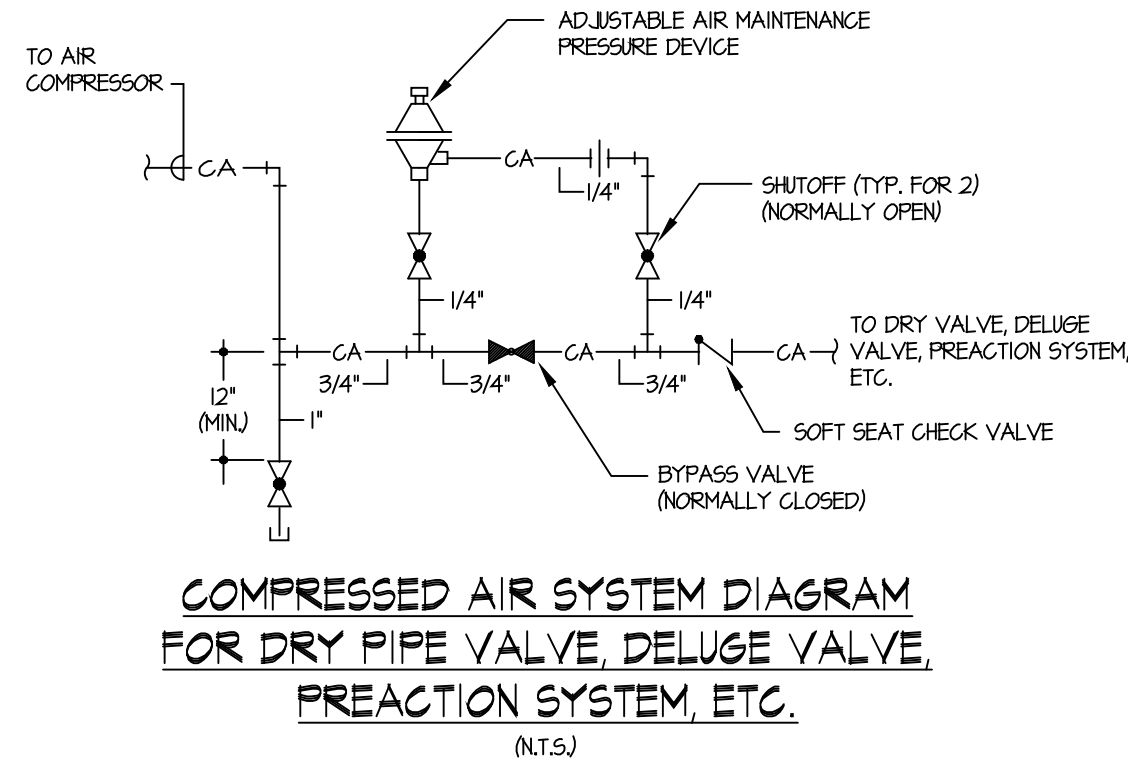


SPRINKLER DETAILS (N.T.S.)

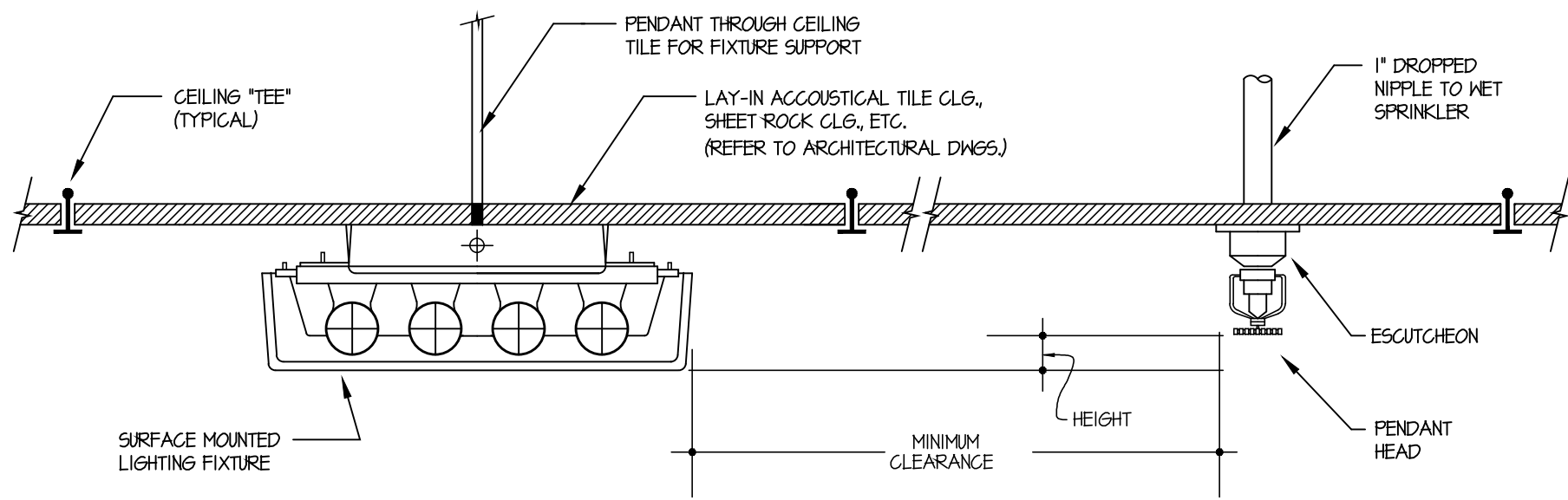
NOTE: 1. POSITION OF SPRINKLER HEADS WITH RESPECT TO COMBUSTIBLE AND NON-COMBUSTIBLE CONSTRUCTION STRUCTURAL MEMBERS, ETC. SHALL BE IN ACCORDANCE WITH NFPA #13, CHAPTER 4.



INSPECTOR'S TEST CONNECTION FOR DRY SYSTEMS IN FINISHED AREAS (N.T.S.)



FIRE PROTECTION SYSTEM SUPERVISION NOTES	
1.	FIRE PROTECTION SYSTEMS TO BE SUPERVISED AND INTERIOR AND EXTERIOR ALARMS PROVIDED VIA A NEW CLASS "1" SUPERVISED FIRE PROTECTIVE SIGNALING SYSTEM TO BE PROVIDED UNDER THE ELECTRICAL CONTRACTOR.
2.	FIRE PROTECTIVE SIGNALING SYSTEM TO BE PROVIDED WITH "M" APPROVED CENTRAL STATION CONNECTION VIA TELEPHONE LINES.
3.	SEE ELECTRICAL DRAWINGS FOR FIRE PROTECTIVE SIGNALING SYSTEM SPECIFICATIONS AND DETAILS.



HEIGHT	MINIMUM CLEARANCE
≤ 1'	1'-0"
> 1', ≤ 2'	2'-0"
> 2', ≤ 3'	2'-6"
> 3', ≤ 4'	3'-0"
> 4', ≤ 6'	3'-6"
> 6', ≤ 7'	4'-0"
> 7', ≤ 8'	4'-0"

POSITIONING OF SPRINKLER HEADS WITH RESPECT TO SURFACE MOUNTED LIGHTING (N.T.S.)

REFERENCE: NFPA #13-2.4.6

Revisions

Date	Issue	Description
03-06-15	1	ISSUED FOR DCA FILING
03-18-15	2	ISSUED FOR BIDDING

Consultants

LINWOOD ENGINEERING ASSOCIATES, P.A.

CONSULTING MECHANICAL & ELECTRICAL ENGINEERS

LEA	955 Lincoln Ave. Glen Rock, New Jersey 07452 t: 201.857.3998 f: 201.857.3994	2301 Dupont Drive-Suite 150 Irvine, California 92612 t: 714.424.0001 f: 714.424.0004
www.linwoodengineering.com		

Michael T. Davina, P.E.
NJ #48654
CT #0025779

Robert J. Hatch, P.E.
AR #13868
CA #E16118
CT #13318
FL #69560
MA #48516
NJ #30419
NV #019975
NY #56608
PA #036014-E

Project

INTERIOR RENOVATIONS
AT THE
MIMOSA - G RESIDENCE

RAMAPO COLLEGE
OF NEW JERSEY
505 Ramapo Valley Road
Mahwah, New Jersey 07430-1680

Client

RAMAPO COLLEGE
OF NEW JERSEY
505 Ramapo Valley Road
Mahwah, New Jersey 07430-1680

SNS Architects & Engineers, PC
1 PARAGON DRIVE . MONTVALE . NEW JERSEY . 07645
tel: 201.573.1767 fax: 201.573.0808 www.sns-arch-eng.com

Fay W. Logan, AIA
John M. Lignos, AIA
Lorin J. Sonenshine, AIA
Steven Napolitano, PE

Cert./Lic. No.
Date 02-03-15 Scale AS NOTED
Drawn By PSC/ackd Checked By MD
Dwg. Title
ATTIC FIRE PROTECTION PLAN & DETAILS

Work Order No. Dwg. No.

4698G FP101