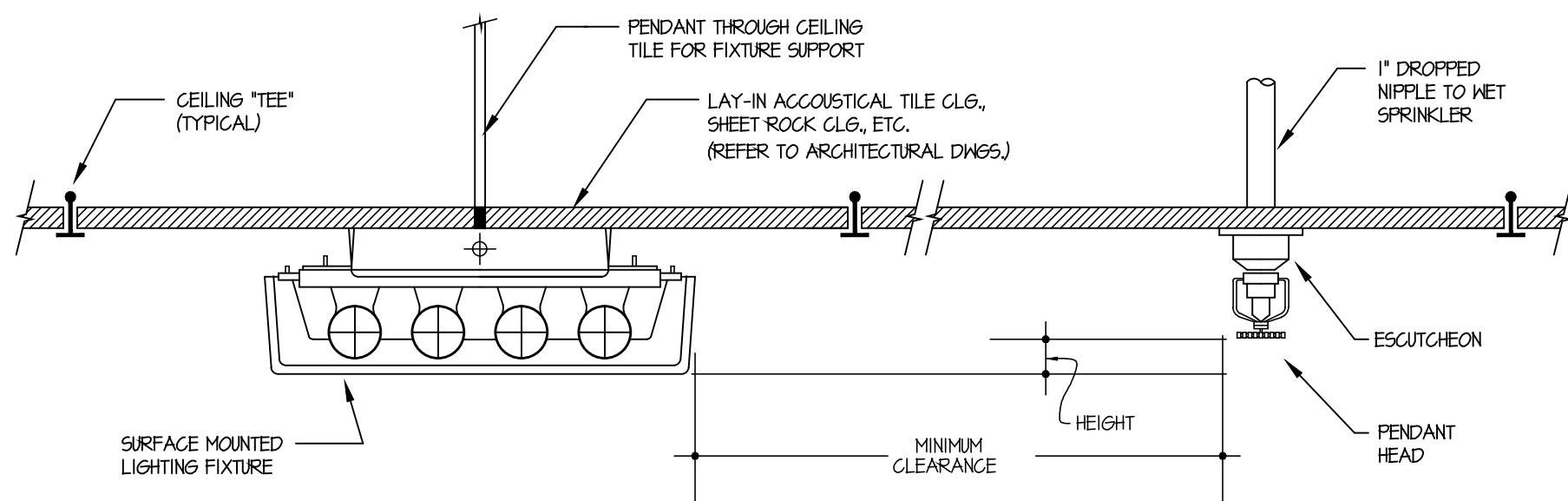


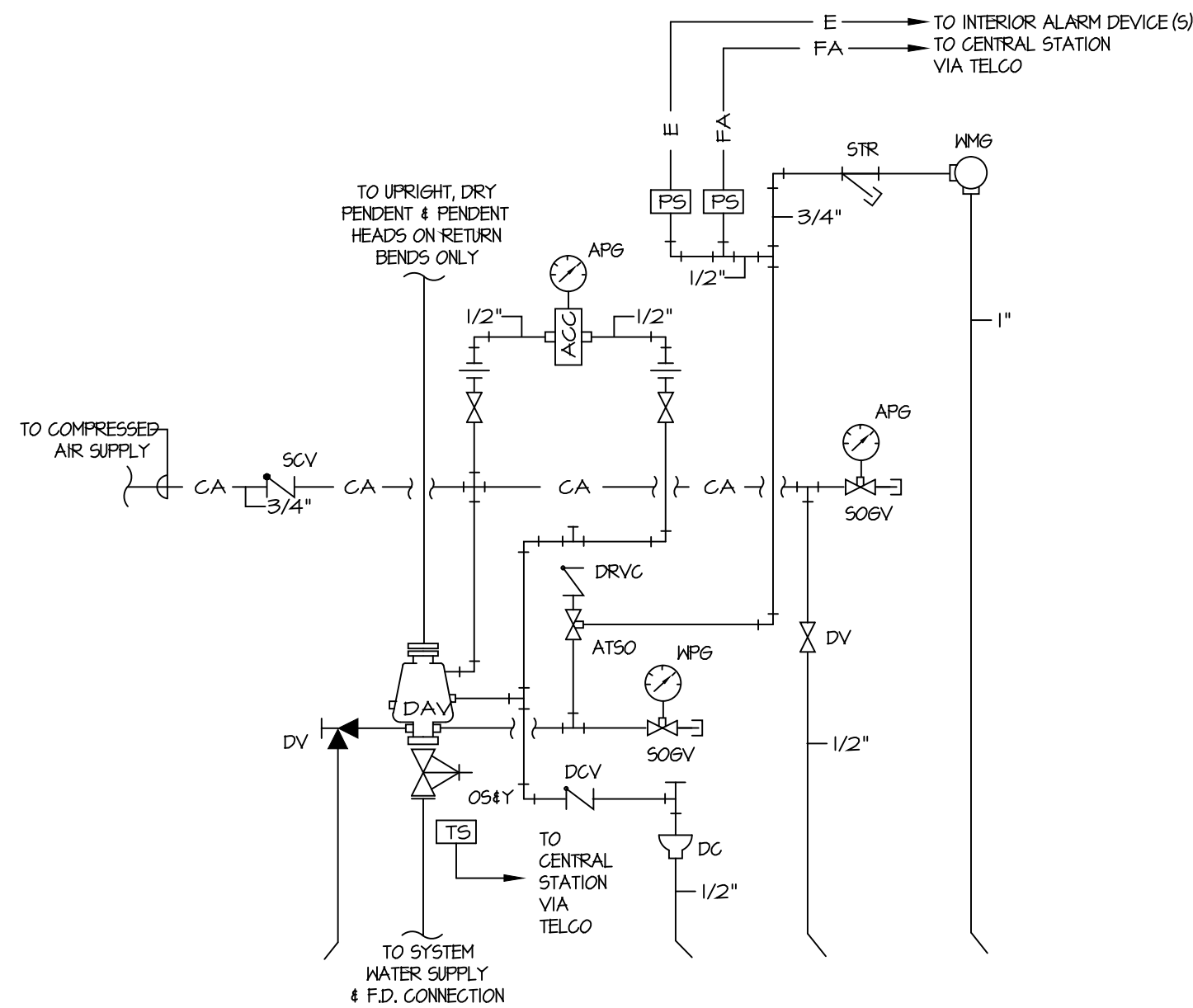
INSPECTOR'S TEST CONNECTION FOR DRY SYSTEMS IN FINISHED AREAS
(NTS)



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', ≤ 9'	4'-0"

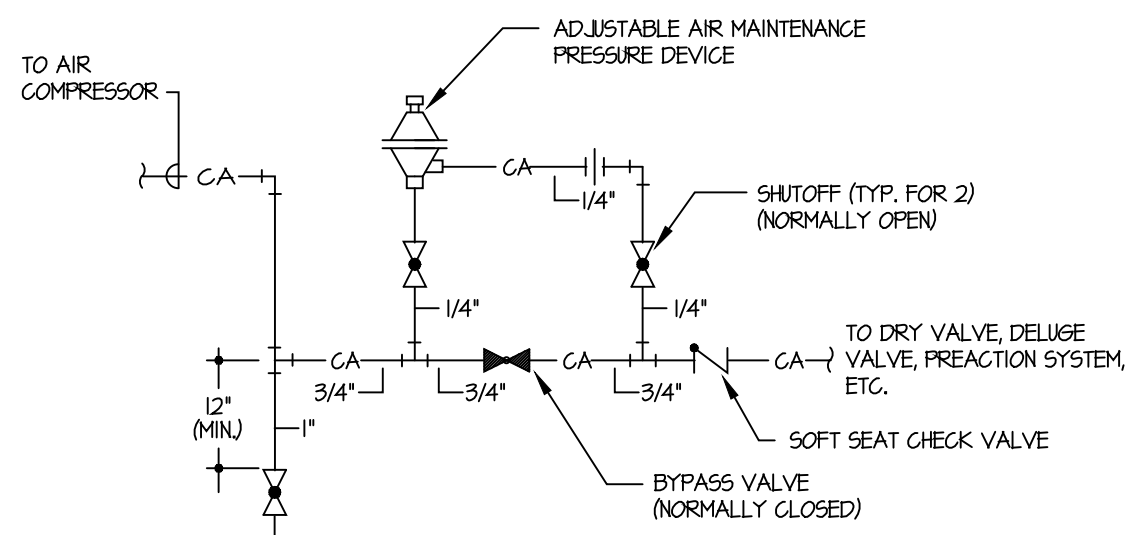
POSITIONING OF SPRINKLER HEADS WITH RESPECT TO SURFACE MOUNTED LIGHTING
(NTS)

REFERENCE: NFPA #13.4-2.4.6



TYPICAL VALVE TRIM FOR DRY SPRINKLER SYSTEM (BASED ON VIKING CORP.)
(NTS)

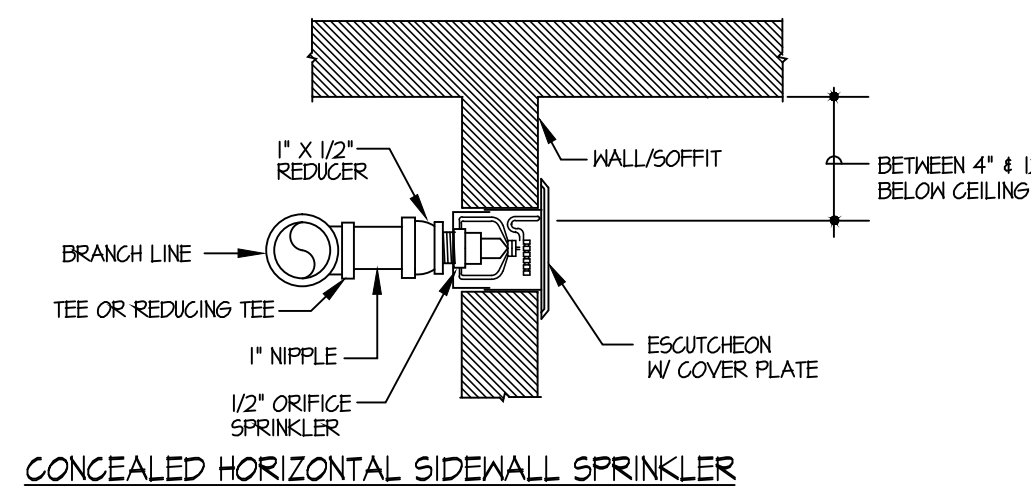
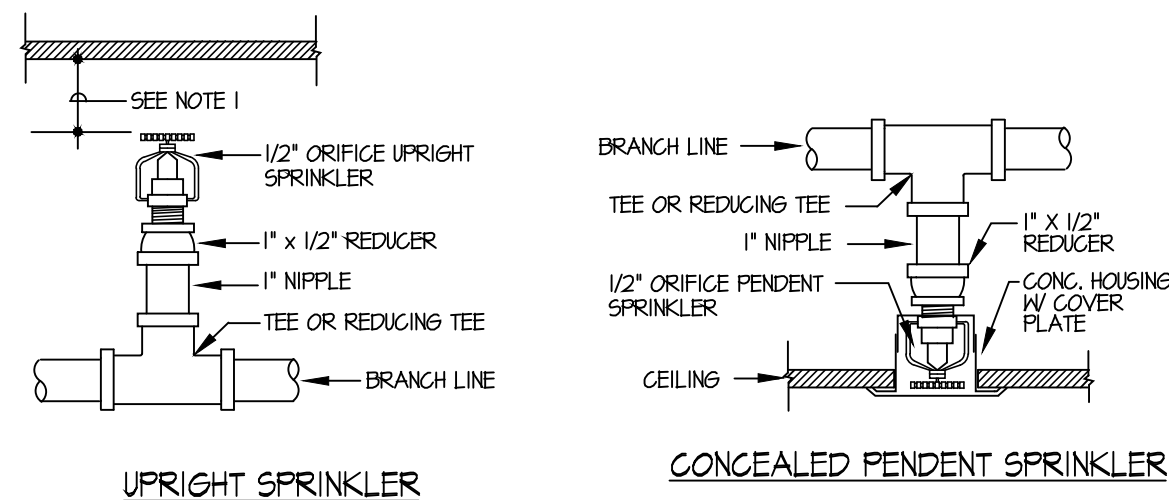
COMPONENT ABBREVIATIONS	
ACC	ACCELERATOR
APG	AIR PRESSURE GAUGE (0-250psi)
ATSO	ALARM TEST SHUT-OFF VALVE
CA	COMPRESSED AIR PIPING
DAV	DRY ALARM VALVE
DC	DRIP CUP
DCV	DRIP CHECK VALVE
DCV	DRAIN CHECK VALVE
DCV	DRAIN VALVE
OS4Y	OUTSIDE STEM & YOLKE GATE VALVE
PS	PRESSURE SWITCH
SCV	SHOCK CHECK VALVE
SOOV	SOLENOID OUTLET GATE VALVE
STR	STRAINER
TS	TAMPER SWITCH
WMG	WATER MOTOR GONG



COMPRESSED AIR SYSTEM DIAGRAM FOR DRY PIPE VALVE, DELUGE VALVE, PREACTION SYSTEM, ETC.
(NTS)

FIRE PROTECTION SYSTEM SUPERVISION NOTES

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



SPRINKLER DETAILS
(NTS)

TYPICAL SOFFIT SECTION FOR SIDEWALL SPRINKLER INSTALLATION
(NTS)

Revisions		
Date	Issue	Description
08-03-15	1	ISSUE FOR CONSTRUCTION

Key Plan

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 TAMARACK - N 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 04-10-15 Scale AS NOTED
Drawn By MD Checked By SG
Dwg. Title
FIRE PROTECTION DETAILS

Work Order No. 4698N Dwg. No. FP300