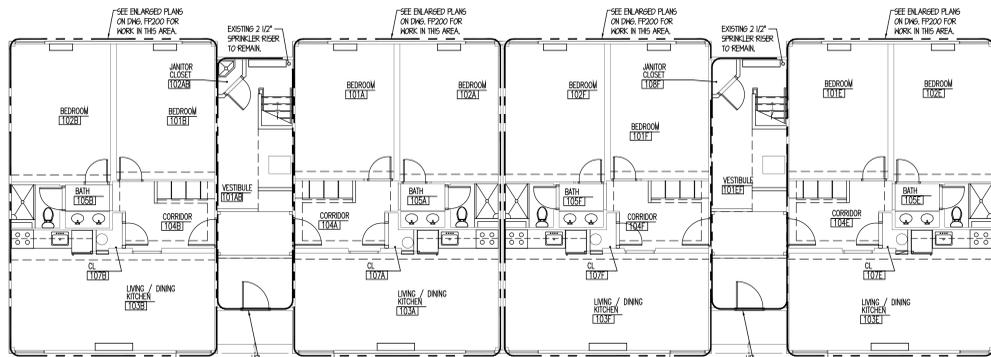
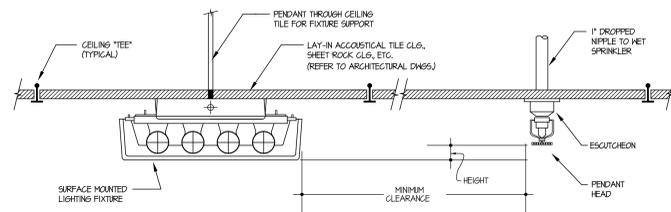


FIRST FLOOR PLAN
SCALE: 1/8"=1'-0"



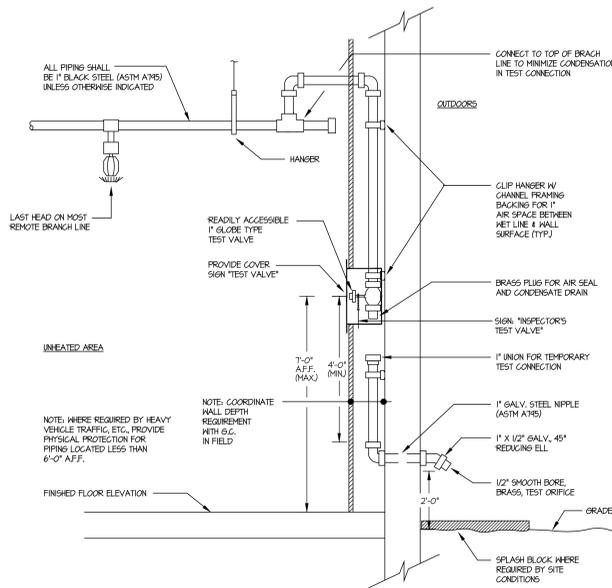
SECOND FLOOR PLAN
SCALE: 1/8"=1'-0"



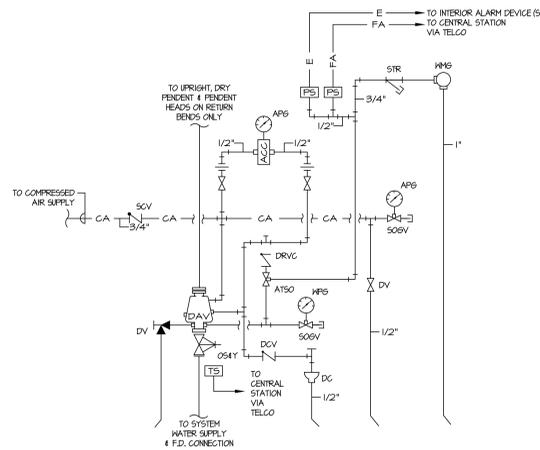
POSITIONING OF SPRINKLER HEADS WITH RESPECT TO SURFACE MOUNTED LIGHTING
(N.T.S.)

REFERENCE: NFPA 13A-2.4.6

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"

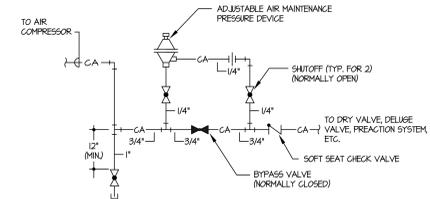


INSPECTOR'S TEST CONNECTION FOR DRY SYSTEMS IN FINISHED AREAS
(N.T.S.)



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

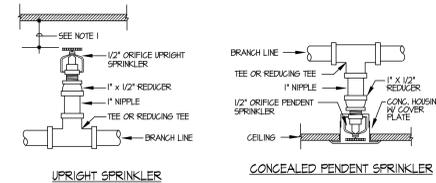
- COMPONENT ABBREVIATIONS**
- ACC ACCELERATOR
 - AFS AIR PRESSURE GAUGE (0-250psi)
 - ATS0 ALARM TEST SHUT-OFF VALVE
 - CA COMPRESSED AIR PIPING
 - DAV DRY ALARM VALVE
 - DC DRIP CUP
 - DCV DRIP CHECK VALVE
 - DCV DRAIN CHECK VALVE
 - DV DRAIN VALVE
 - OS4Y OUTSIDE STEM & YOKE GATE VALVE
 - PS PRESSURE SWITCH
 - SCV SHRING CHECK VALVE
 - SO4V SIDE OUTLET GATE VALVE
 - TS STRAINER
 - TS TANKERS SWITCH
 - WMS WATER MOTOR GOING



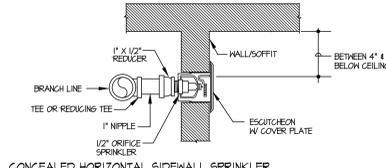
COMPRESSED AIR SYSTEM DIAGRAM FOR DRY PIPE VALVE, DELUGE VALVE, PREACTION SYSTEM, ETC.
(N.T.S.)

FIRE PROTECTION SYSTEM SUPERVISION NOTES

- FIRE PROTECTION SYSTEMS TO BE SUPERVISED AND INTERIOR AND EXTERIOR ALARMS PROVIDED VIA A REN GLASS TO SUPERVISED FIRE PROTECTIVE SIGNALING SYSTEM TO BE PROVIDED UNDER THE ELECTRICAL CONTRACTOR.
- FIRE PROTECTIVE SIGNALING SYSTEM TO BE PROVIDED WITH 18" APPROVED CENTRAL STATION CONNECTION VIA TELEPHONE LINES.
- SEE ELECTRICAL DRAWINGS FOR FIRE PROTECTIVE SIGNALING SYSTEM SPECIFICATIONS AND DETAILS.



SPRINKLER DETAILS
(N.T.S.)



TYPICAL SOFFIT SECTION FOR SIDEWALL SPRINKLER INSTALLATION
(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.

Revisions

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

LINWOOD ENGINEERING ASSOCIATES, P.A.
CONSULTING MECHANICAL & ELECTRICAL ENGINEERS

LEA 955 Lincoln Ave. 2301 Dupont Drive-Suite 150
Glen Rock, New Jersey Irvine, California
07452 92512
t: 201.857.3998 f: 714.424.0001
t: 201.857.3994 f: 714.424.0004
www.linwoodengineering.com

Michael T. Davina, P.E. Robert J. Hatch, P.E.
NJ #48654 AR #13868
CT #0025779 CA #16118
CT #15318 CT #15318
FL #69560 FL #69560
MA #48516 MA #48516
NJ #30419 NJ #30419
NV #019975 NV #019975
NY #56608 NY #56608
PA #036014-E PA #036014-E

Project

INTERIOR RENOVATIONS AT THE
HOLLY - C 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	Scale	AS NOTED
02-03-15		

Drawn By **HD** Checked By **gg**

Dwg. Title
FIRST & SECOND FLOOR FIRE PROTECTION PLANS & DETAILS

Work Order No. _____ Dwg. No. _____
4698C FP101