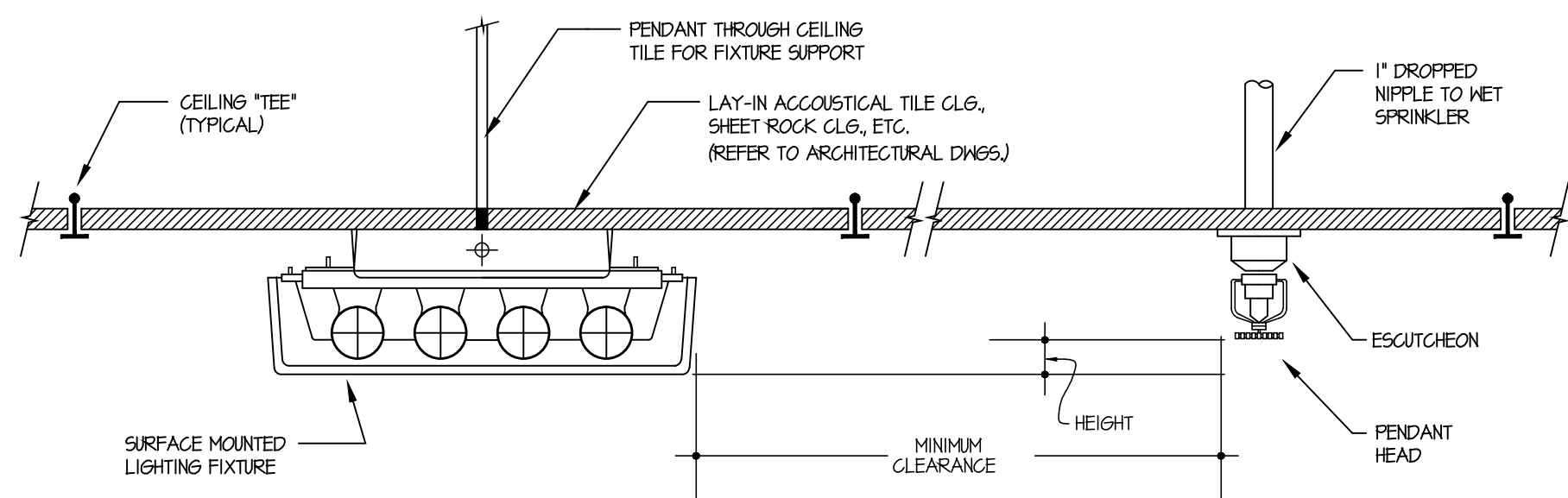
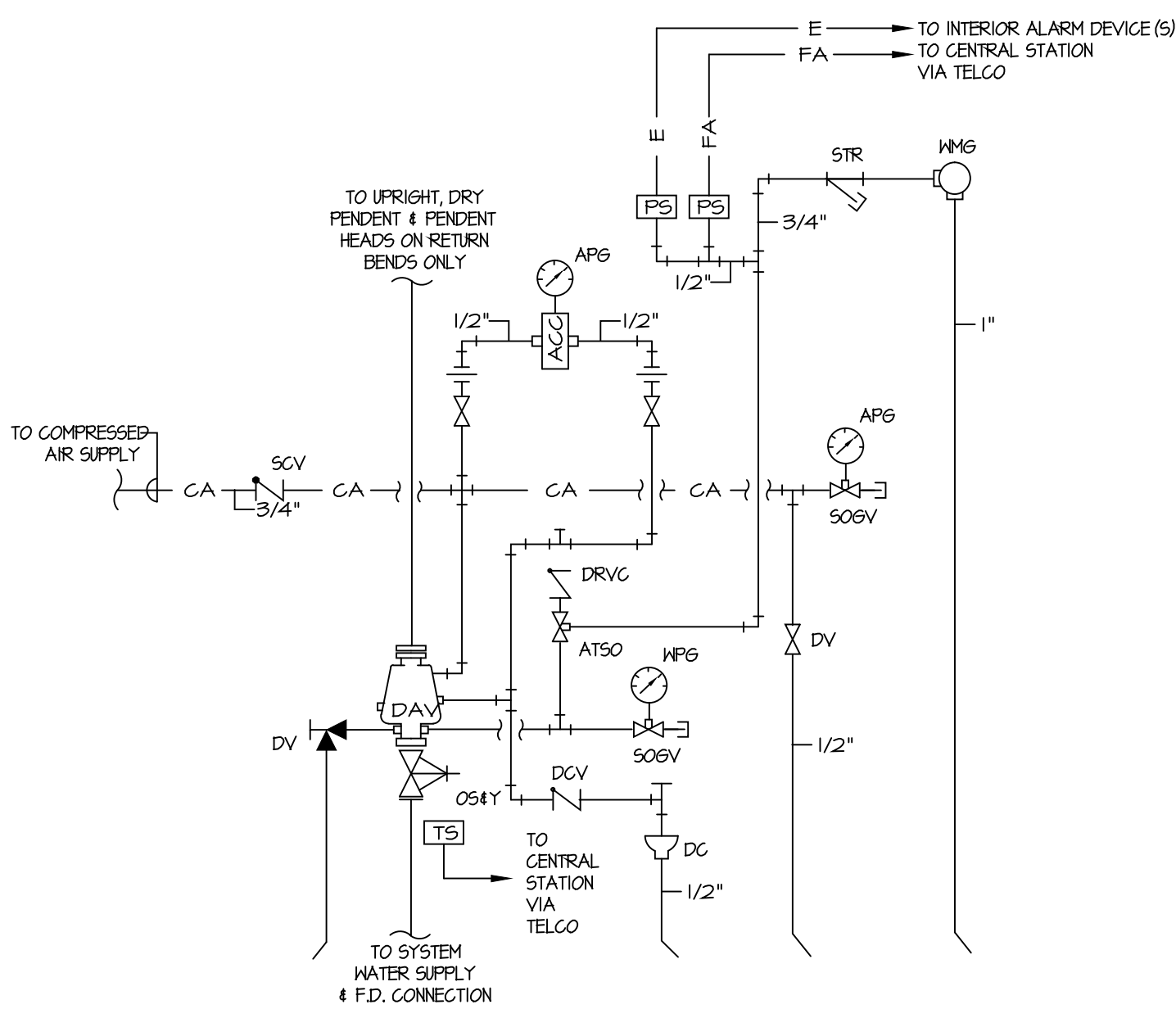


INSPECTOR'S TEST CONNECTION FOR DRY SYSTEMS IN FINISHED AREAS (N.T.S.)



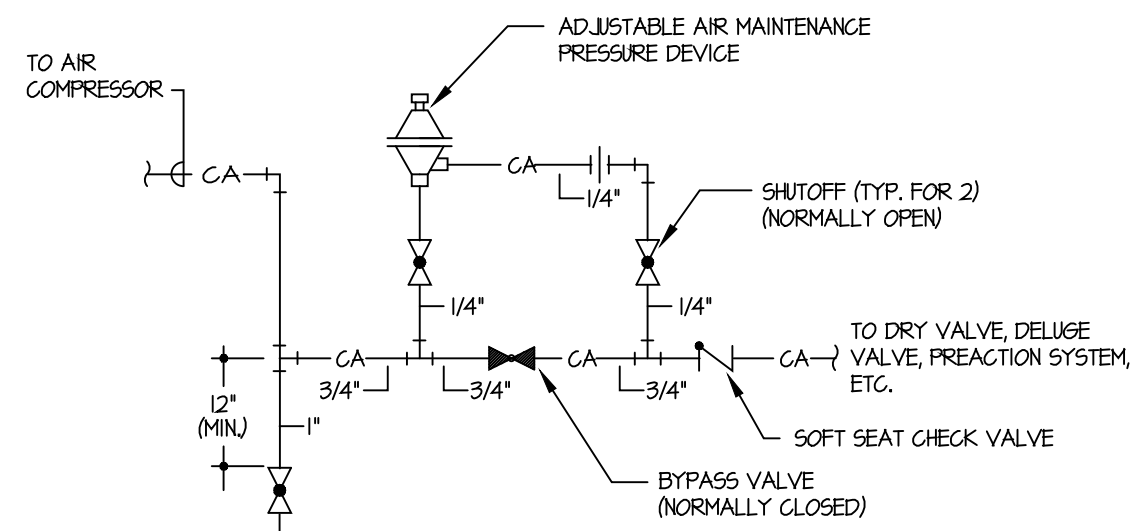
POSITIONING OF SPRINKLER HEADS WITH RESPECT TO SURFACE MOUNTED LIGHTING (N.T.S.)

REFERENCE: NFPA #34-2.4.6



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

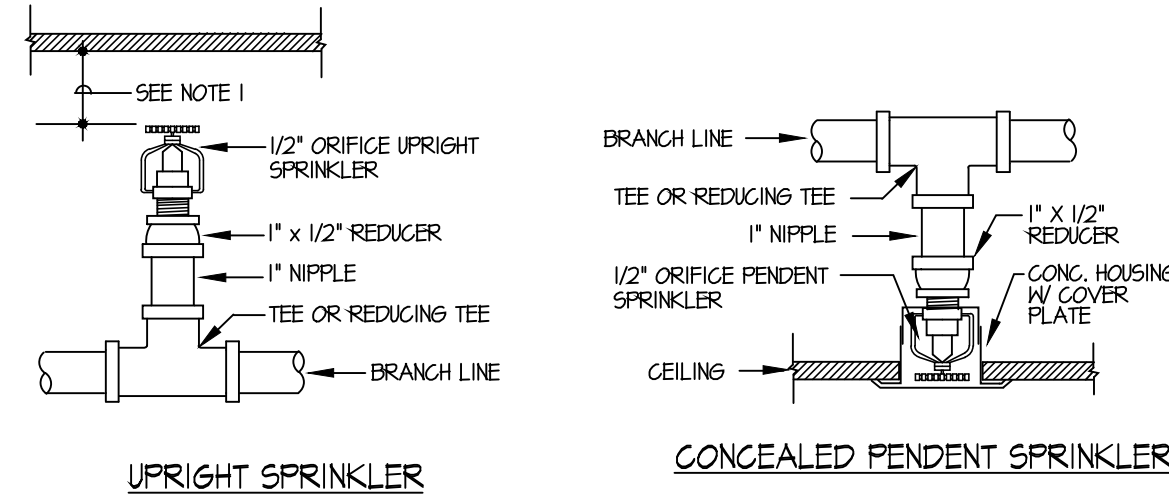
COMPONENT ABBREVIATIONS
ACC ACCELERATOR
APG AIR PRESSURE GAUGE (0-250psi)
ATSO ALARM TEST SHUT-OFF VALVE
CA COMPRESSED AIR PIPING
DAV DRY ALARM VALVE
DC DRIFF CUP
DCV DRIFF CHECK VALVE
DRCV DRAIN CHECK VALVE
DV DRAIN VALVE
OS&Y OUTSIDE STEEL & YORKE VALVE
PS PRESSURE SWITCH
SCV SHOCK CHECK VALVE
SOBV SIDE OUTLET GATE VALVE
STR STRAINER
TS TAMPER SWITCH
WMS WATER MOTOR GONG



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

FIRE PROTECTION SYSTEM SUPERVISION NOTES

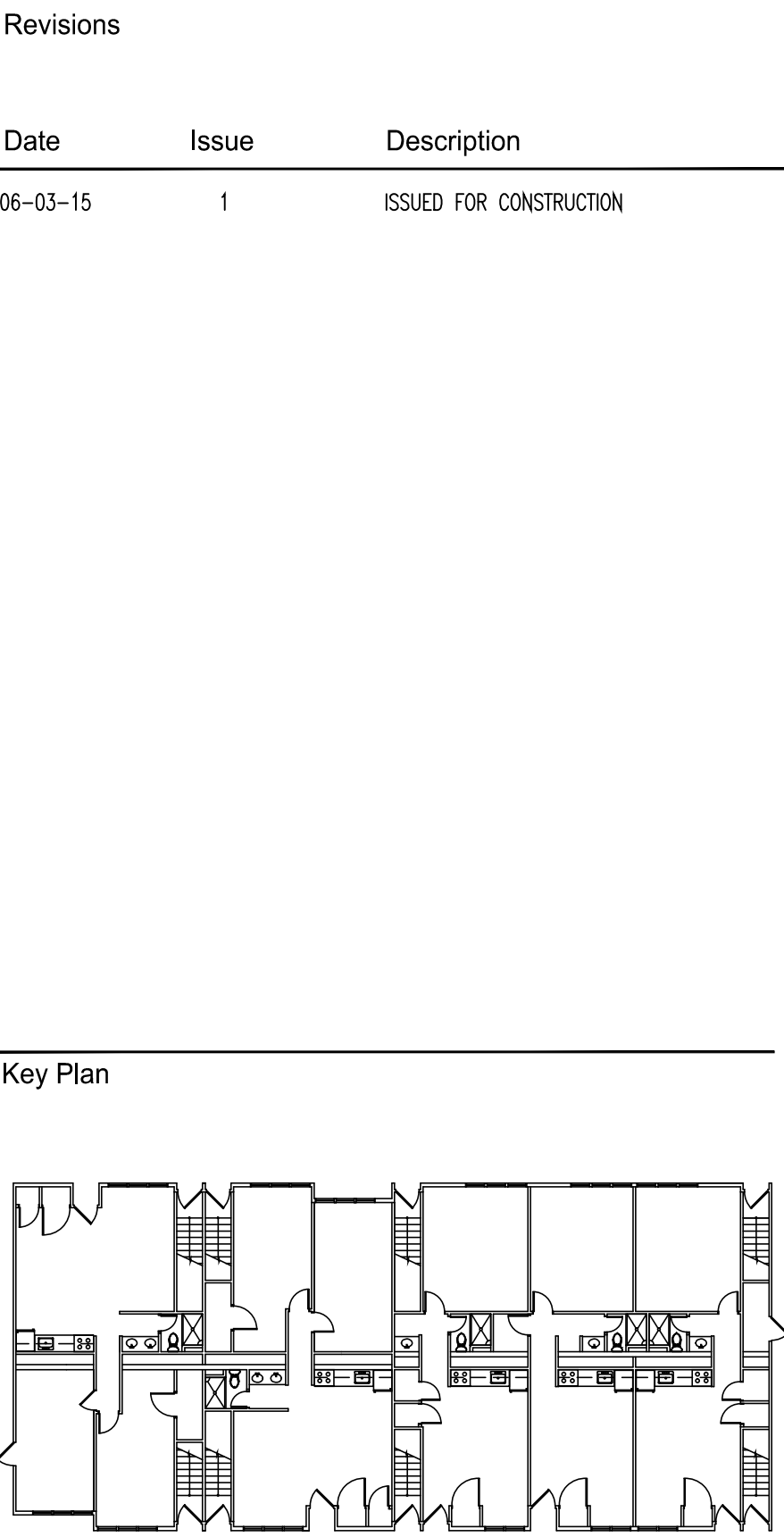
1. FIRE PROTECTION SYSTEMS TO BE SUPERVISED AND INTERIOR AND EXTERIOR ALARMS PROVIDED VIA A NEW CLASS "B" SUPERVISED FIRE PROTECTIVE SIGNALING SYSTEM TO BE PROVIDED UNDER THE ELECTRICAL CONTRACTOR.
2. FIRE PROTECTIVE SIGNALING SYSTEM TO BE PROVIDED WITH "M" APPROVED CENTRAL STATION CONNECTION VIA TELEPHONE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



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.

TYPICAL SOFFIT SECTION FOR SIDEWALL SPRINKLER INSTALLATION (N.T.S.)



Consultants

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 #E16118
CT #13318 CT #13318
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
BUTTERNUT - M 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 04-23-15 Scale AS NOTED
Drawn By PSC/ack Checked By MD

Dwg. Title
FIRE PROTECTION DETAILS

Work Order No. Dwg. No.

4698M FP300