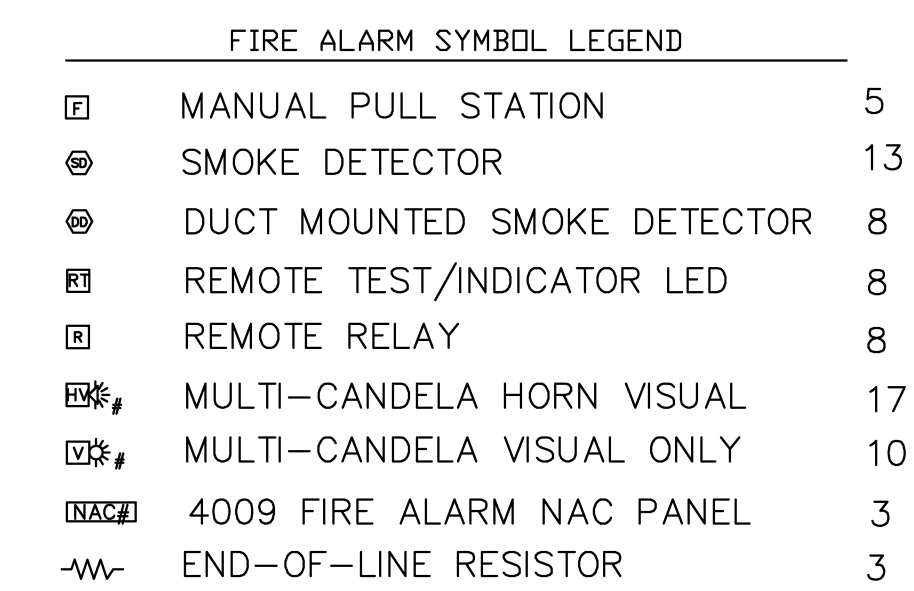




FIRE ALARM WIRE LEGEND WITH WEST PENN CATALOG NUMBER (OR EQUAL)	
ID#=1pr. TWISTED & SHIELDED #18 AWG(DNET CIRCUIT)	W.P.#0975 OR W.P.#060975(PLENUM)
PW=2C#14 AWG(24VDC POWER CIRCUIT)	W.P.#994 OR W.P.#060993(PLENUM)
SR=2C#14 AWG(SUPERVISED RELAY CIRCUIT)	W.P.#994 OR W.P.#060993(PLENUM)
AC=2C#14 AWG(AUXILIARY CIRCUIT)	W.P.#994 OR W.P.#060993(PLENUM)
NAC# SC=2C#12 AWG(NAC PANEL SIGNAL CIRCUIT)	W.P.#998 OR W.P.#060995(PLENUM)
OPTIONAL STRANDED	CSC #584214

GENERAL FIRE ALARM NOTES

- 1). VERIFY EXACT LOCATION OF ALL EQUIPMENT BEFORE INSTALLATION.
- 2). ALL FIRE ALARM EQUIPMENT TO BE INSTALLED PER NFPA 72 AND NATIONAL ELECTRIC CODE STANDARDS.
- 3). MOUNT ALL SMOKE DETECTORS MINIMUM OF 3' FROM ANY AIR DIFFUSER.
- 4). DUCT DETECTORS TO BE MOUNTED A MINIMUM OF SIX DUCT WIDTHS FROM BENDS OR INLETS TO AVOID AIR TURBULENCE, AND NOT TO BE MOUNTED OUTSIDE OF BUILDING.
- 5). SIGNAL, ZONE, AND SPEAKER CIRCUITS ARE NOT TO BE "T-TAPPED".

FIRE ALARM PLAN NOTES

- ① DEVICE REQUIRES DEDICATED 120VAC POWER CIRCUIT WITH GROUND. 120VAC CABLE TO BE RUN SEPARATELY AND IN CONJUNCTION WITH THE 24VDC FIRE ALARM CABLES. SEE GROUNDING DETAIL ON DETAIL SHEET FOR GROUNDING REQUIREMENTS.
- ② HOME RUN TO EXISTING 4100U FIRE ALARM CONTROL PANEL. LOCATED IN TECHNOLOGY ROOM NEAR LIBRARY.
- ③ EXTERNAL SUPERVISED RELAY PROVIDED FOR AHJ CONTROL.
- ④ LOCATE REMOTE TEST SWITCH IN COMMON LOCATION WHICH IS READILY VISIBLE.
- ⑤ HOME RUN TO 4009 FIRE ALARM NAC PANEL #2.
- ⑥ HOME RUN TO 4009 FIRE ALARM NAC PANEL #3.
- ⑦ HOME RUN TO 4009 FIRE ALARM NAC PANEL #1.

