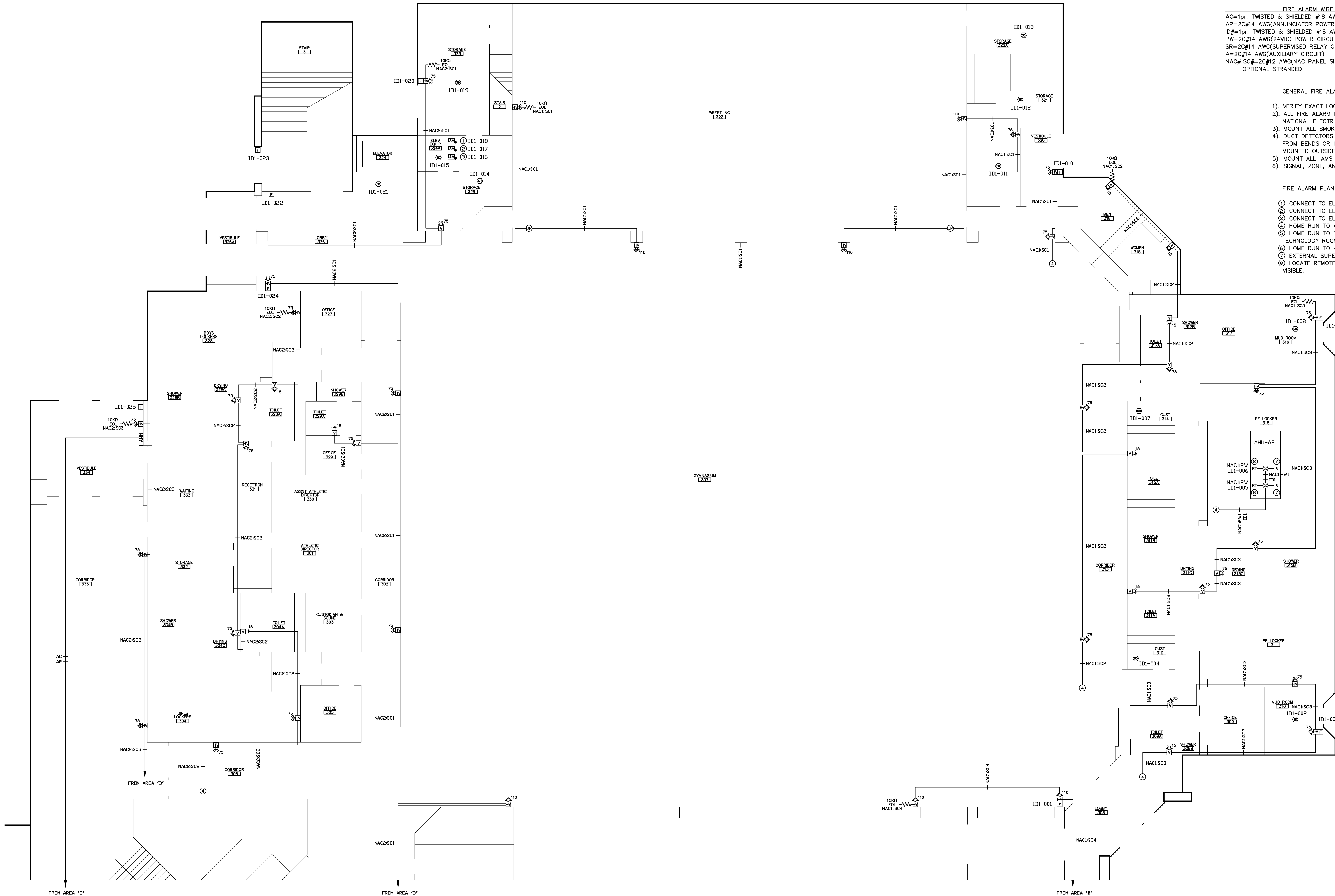




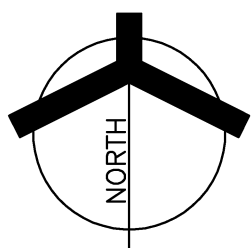
FIRE ALARM SYMBOL LEGEND		
	MANUAL PULL STATION	9
	SMOKE DETECTOR	11
	DUCT MOUNTED SMOKE DETECTOR	2
	REMOTE TEST/INDICATOR LED	2
	REMOTE RELAY	2
	MULTI-CANDELA HORN VISUAL	27
	MULTI-CANDELA VISUAL ONLY	18
	FIRE ALARM ANNUNCIATOR PANEL	1
	END-OF-LINE RESISTOR	7
	RELAY IAM	3

FIRE ALARM WIRE LEGEND WITH WEST PENN. CATALOG NUMBER (OR EQUAL)		
AC=1pr. TWISTED & SHIELDED #18 AWG(ANNUNCIATOR COMMUNICATION)	W.P.#0975 OR W.P.#060975(PLENUM)	
AP=2C#14 AWG(ANNUNCIATOR POWER)	W.P.#994 OR W.P.#60993(PLENUM)	
ID#=1pr. TWISTED & SHIELDED #18 AWG(IDNET CIRCUIT)	W.P.#0975 OR W.P.#060975(PLENUM)	
PW=2C#14 AWG(24VDC POWER CIRCUIT)	W.P.#994 OR W.P.#60993(PLENUM)	
SR=2C#14 AWG(SUPERVISED RELAY CIRCUIT)	W.P.#994 OR W.P.#60993(PLENUM)	
A=2C#14 AWG(AUXILIARY CIRCUIT)	W.P.#994 OR W.P.#60993(PLENUM)	
NAC# SC#=2C#12 AWG(NAC PANEL SIGNAL CIRCUIT)	W.P.#998 OR W.P.#60995(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). MOUNT ALL IAMs NO MORE THAN 5' OFF OF THE FINISHED FLOOR.
 - 6). SIGNAL, ZONE, AND SPEAKER CIRCUITS ARE NOT TO BE "T-TAPPED".

- FIRE ALARM PLAN NOTES
- ① CONNECT TO ELEVATOR CONTROLLER FOR PRIMARY RECALL OPERATION.
 - ② CONNECT TO ELEVATOR CONTROLLER FOR ALTERNATE RECALL OPERATION.
 - ③ CONNECT TO ELEVATOR CONTROLLER FOR FIREMAN'S FLASH HAT.
 - ④ HOME RUN TO 4009 FIRE ALARM NAC PANEL #1.
 - ⑤ HOME RUN TO EXISTING 4100U FIRE ALARM CONTROL PANEL LOCATED IN TECHNOLOGY ROOM NEAR LIBRARY.
 - ⑥ HOME RUN TO 4009 FIRE ALARM NAC PANEL #2.
 - ⑦ EXTERNAL SUPERVISED RELAY PROVIDED FOR AHU CONTROL.
 - ⑧ LOCATE REMOTE TEST SWITCH IN COMMON LOCATION WHICH IS READILY VISIBLE.

FIRE ALARM SYSTEM PLAN
UNIT "A" FIRST FLOOR



tyco

Fire & Security

SimplexGrinnell

11820 PENDELTON PIKE
INDIANAPOLIS, INDIANA 46236

SALES: 317-826-2130
SERVICE: 317-826-2130
FAX: 317-826-2140

REVISION DESCRIPTION

DATE	NO.	CAD	ENG

FIRE ALARM SYSTEM PLAN
UNIT "A" FIRST FLOOR

LAWRENCE CENTRAL HIGH SCHOOL

7300 EAST 68TH STREET
INDIANAPOLIS, IN

DRAWN BY: TCLINE

DESIGNED BY:

APPROVED BY: CWD

PROJECT NUMBER: 928697603

SHEET TITLE: LAWRENCE CENTRAL HS-1

SHEET NUMBER: 1

DATE: 2/11/08

DATE:

DATE: 5/5/08