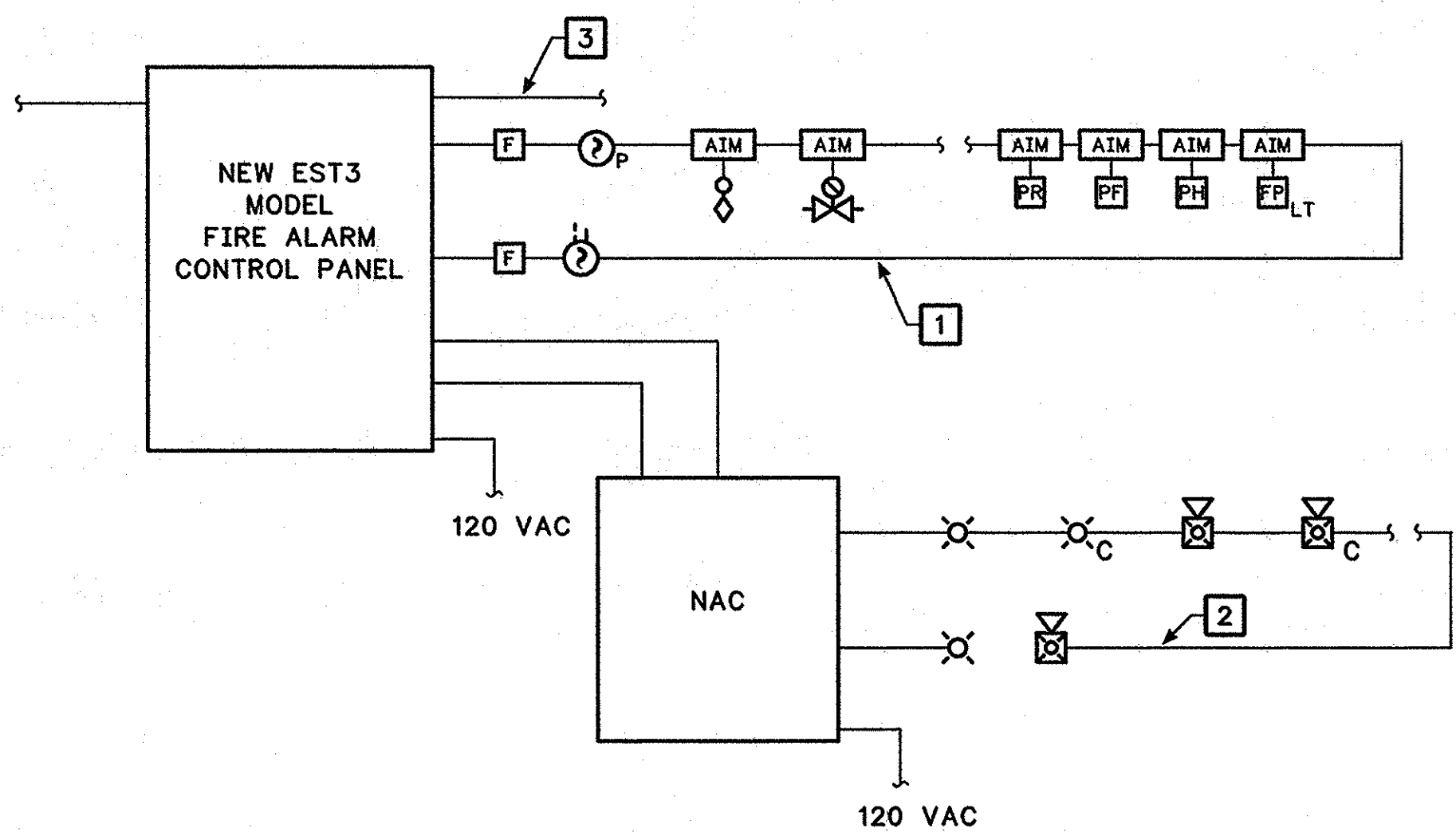


A three inches = one foot
B one & one half inches = one foot
C one inch = one foot
D three quarters inch = one foot
E one half inch = one foot
F three eighths inch = one foot
G one quarter inch = one foot

FIRE ALARM OPERATIONAL MATRIX	INITIATE GENERAL ALARM CONDITION AND DISPLAY CUSTOM DEVICE ADDRESS ON FACP	INITIATE ALL AUDIBLE AND VISUAL FIRE ALARM NOTIFICATION DEVICES THROUGHOUT THE ENTIRE BUILDING	TRANSMIT GENERAL ALARM STATUS TO MAIN EST3 CAMPUS PANEL	INITIATE SUPERVISORY ALARM AND DISPLAY CUSTOM DEVICE ADDRESS ON FACP	TRANSMIT SUPERVISORY ALARM STATUS TO MAIN EST3 CAMPUS PANEL	INITIATE TROUBLE ALARM AND DISPLAY CUSTOM DEVICE ADDRESS ON FACP	TRANSMIT TROUBLE ALARM STATUS TO MAIN EST3 CAMPUS PANEL	INITIATE SHUTDOWN OF INDIVIDUAL HVAC UNIT	ACTIVATE EXTERIOR SPRINKLER ALARM
MANUAL PULL STATION	X	X	X						
SYSTEM SMOKE DETECTOR	X	X	X						
SPRINKLER SYSTEM WATER FLOW	X	X	X						X
VALVE SUPERVISORY SWITCH				X	X				
HVAC DUCT SMOKE DETECTOR				X	X			X	
LOSS OF AC POWER TO FACP						X	X		
OPEN CIRCUIT, GROUND FAULT, OR SHORT IN FIRE ALARM SYSTEM SLC OR NAC						X	X		
OPEN CIRCUIT OR GROUND FAULT IN FIRE ALARM SYSTEM IDC						X	X		
SHORT IN FIRE ALARM SYSTEM IDC						X	X		
LOW FIRE PUMP ROOM TEMPERATURE				X	X				
FIRE PUMP RUN				X	X				
FIRE PUMP PHASE REVERSAL				X	X				
POWER LOSS TO FIRE PUMP CONTROLLER				X	X				

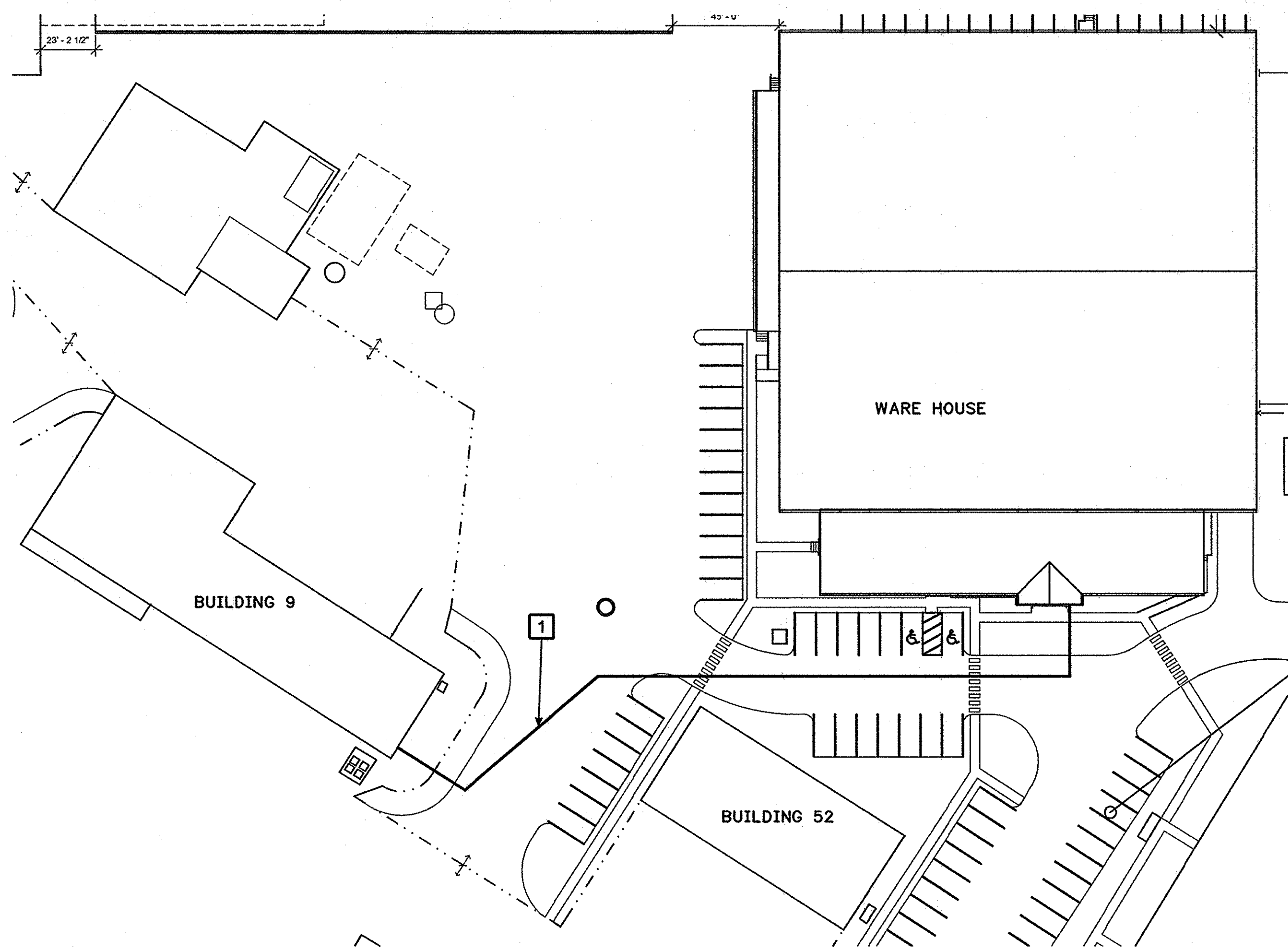
1 BUILDING FIRE ALARM AND DETECTION SYSTEMS OPERATIONAL MATRIX
SCALE: N.T.S.



2 FACP RISER DIAGRAM
SCALE: N.T.S.

DETAIL NOTES:

- 1 SLC TO BE CLASS A. REFER TO SHEET FA101 FOR DEVICE COUNT.
- 2 NOTIFICATION APPLIANCE CIRCUIT TO BE CLASS A. REFER TO SHEET FA101 FOR DEVICE COUNT.
- 3 TO EXISTING CLASS A NETWORK LOOP IN BUILDING 9. REFER TO DETAIL 3, THIS SHEET.



3 CONNECTION TO CAMPUS WIDE NETWORK LOOP
SCALE: 1"=40'

DETAIL NOTES:

- 1 CONNECT FIBER OPTIC NETWORK CABLE FROM NEW EST3 PANEL TO EXISTING CAMPUS NETWORK LOOP LOCATED IN BUILDING 9. CLASS A SYSTEM REQUIRES SUPPLY AND RETURN CABLE TO BE RUN IN PARALLEL, UNDERGROUND, IN SEPARATE CONDUIT RUNS. PROTECT FIBER IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS. LOCATION OF NEW FIBER RUN TO BLDG 9 IS DIAGRAMMATIC IN NATURE. COORDINATE FINAL ROUTING AND TIE-IN TO EXISTING NETWORK LOOP W/ OWNER.

Revision Schedule	
Revision Number	Revision Date

CONSULTANTS:			
CIVIL / STRUCTURAL	MECH / PLUMBING	ELECTRICAL	FIRE PROTECTION
Simpkins & Costelli, Inc. 401 32 1/2 Street Gulfport, MS 39506 t: 228.864.6289 f: 228.864.2897	Atherton Consulting Engineers 1907 Pass Road, Suite G Biloxi, MS 39531 t: 601.362.8478 f: 601.981.0575	Watkins & O'Gwynn 4523 Office Park Drive Jackson, MS 39206 t: 601.982.3313 f: 601.982.7685	Koffel Associates, Inc. 6522 Meadow Ridge Road, Suite 101 Elkridge, MD 21075 t: 410.750.2246 f: 410.750.2588

CONSTRUCTION
DOCUMENT
SUBMISSION-

ARCHITECT:		
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Drawing Title: FIRE ALARM AND DETECTION - DETAILS AND RISERS	Approved: Project Director
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Project Title: Contract New Warehouse	Location BILOXI, MS	Date 3/10/08	Checked SSG	Drawn PHZ
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Project Number 520-320	Building Number 26	Drawing Number FA501	Dwg. 101 of 105
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Office of
Facilities
Management
Department of
Veterans Affairs



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