PLAN NOTES

1. DEMOLISH EXISTING FIRE ALARM CONTROL PANEL AND POWER SUPPLIES.
2. PROVIDE NEW 3/4"x4'x8' PAINTED, FIRE RETARDANT PLYWOOD BACKBOARD CUT TO FIT.
3. PROVIDE NEW NETWORK FIRE ALARM CONTROL PANEL. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
4. PROVIDE NEW FIBER OPTIC TERMINATION CABINET.
5. APPROXIMATE ROUTE OF NEW FIBER OPTIC CONDUITS/CABLES. VERIFY ACTUAL ROUTE WITH EXISTING CONDITIONS. REFER TO SITE PLAN ON FS100 FOR CONTINUATION.
6. DEMOLISH EXISTING FIRE ALARM CONTROL PANEL CIRCUIT COMPLETE BACK TO SOURCE. REMOVE CIRCUIT BREAKER LOCK AND PROVIDE NEW TYPED PANEL DIRECTORY.
7. PROVIDE NEW DEDICATED 120V/20A CIRCUIT FROM PANEL 48-ES1-1, CIRCUIT #14. PROVIDE NEW 20A/1P QOB CIRCUIT BREAKER, CIRCUIT BREAKER LOCK AND NEW TYPED PANEL DIRECTORY.
8. DEMOLISH EXISTING FOURPLEX RECEPTACLE AND LIFE SAFETY CIRCUIT COMPLETE BACK TO SOURCE.
9. PROVIDE NEW FOURPLEX RECEPTACLE AT 48" A.F.F. AND DEDICATED 120V/20A CIRCUIT. CONNECT TO NEW NORMAL POWER PANEL BEING PROVIDED UNDER CURRENT ELEVATOR PROJECT. VERIFY PANEL LOCATION AND CIRCUIT NUMBER WITH OWNER.

GENERAL NOTES

A. ALL FIBER OPTIC CABLES ARE TO BE ROUTED IN 1" EMT CONDUIT ORANGE IN COLOR. NO LB'S OR CONDUIT BODIES ARE ALLOWED. PROVIDE MINIMUM 12"x12" J-BOXES WHERE REQUIRED. ALL J-BOXES TO BE ORANGE IN COLOR AND TO BE STENCILED "ENGINEERING FIBER OPTIC".

B. PROVIDE ALL CUTTING AND PATCHING (INCLUDING FIRE STOPPING) OF FLOORS, WALLS, OR CEILINGS REQUIRED FOR THE FIRE ALARM SYSTEM, MATCH ADJACENT SURFACES.

C. THESE DRAWINGS SHOW THE GENERAL LOCATIONS OF EXISTING FIRE ALARM CONTROL PANELS AND REMOTE FIRE ALARM ANNUNCIATORS. THE CONTRACTOR SHALL REMOVE ALL EXISTING CONTROL PANELS, ANNUNCIATORS AND ASSOCIATED FIRE ALARM NETWORK CONTROL COMPONENTS AND REPLACE WITH NEW ADDRESSABLE FIRE ALARM CONTROL PANELS, REMOTE FIRE ALARM ANNUNCIATORS AND ASSOCIATED COMPONENTS AS SHOWN ON THESE DRAWINGS AND OUTLINED IN THE SPECIFICATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATIONS OF ALL EXISTING AND NEW EQUIPMENT.

D. NEW NETWORK FIRE ALARM CONTROL PANELS SHALL BE CONNECTED WITH A NEW FIBER OPTIC PATHWAY INSTALLED IN CONDUIT AND ARRANGED FOR DATA AND VOICE COMMUNICATION.

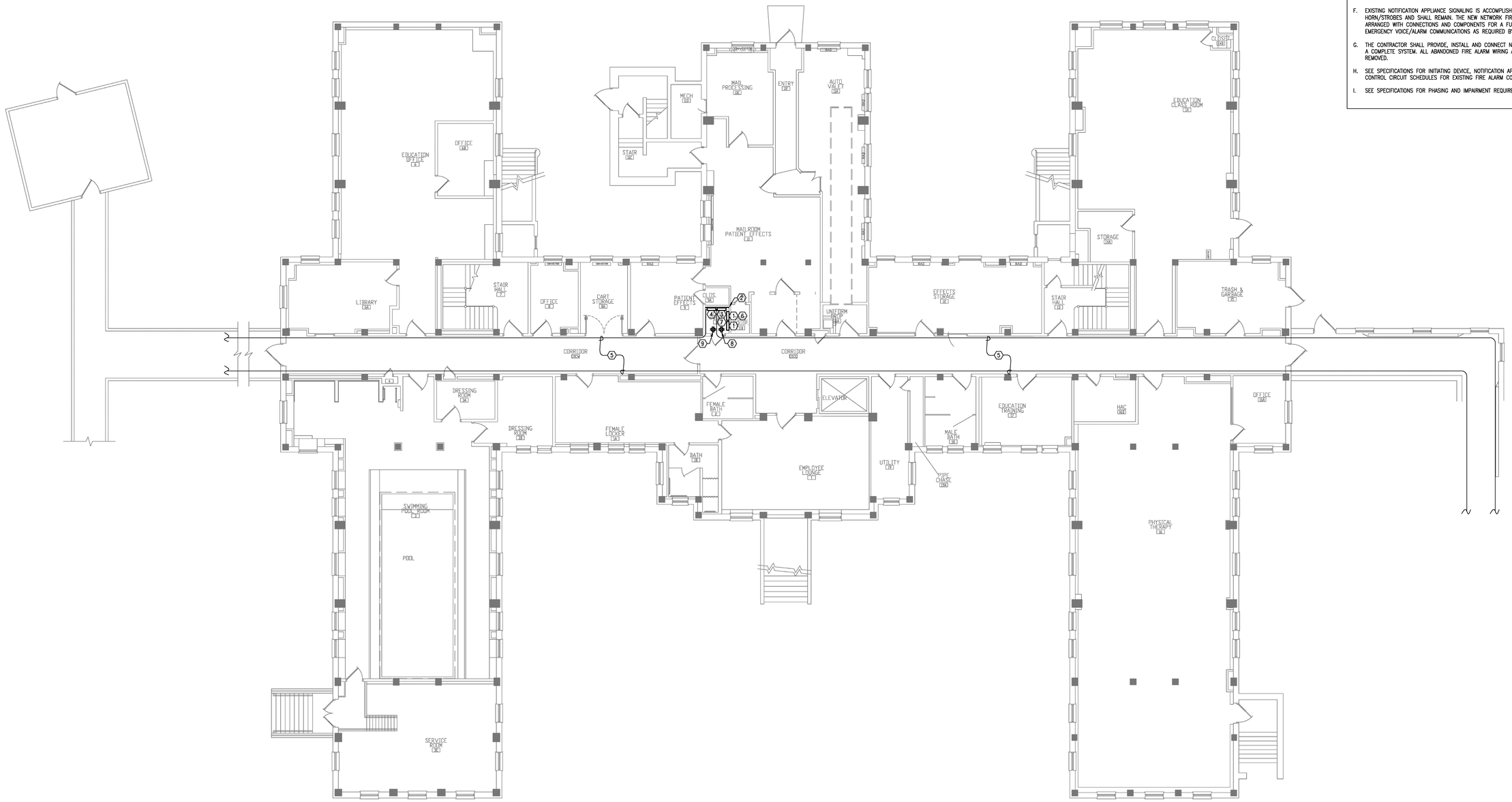
E. THE EXISTING FIRE ALARM NETWORK IS AN EDWARDS IRC3 MULTIPLEX FIRE ALARM SYSTEM UTILIZING ANALOG ADDRESSABLE SIGNALING LINE CIRCUIT TECHNOLOGY. EXISTING ANALOG ADDRESSABLE INITIATING DEVICES, SIGNALING LINE CIRCUIT WIRING, NOTIFICATION APPLIANCES, NOTIFICATION APPLIANCE WIRING, AND CONTROL CIRCUIT WIRING SHALL REMAIN AND CONNECT TO NEW FIRE ALARM CONTROL PANELS. NEW FIRE ALARM CONTROL PANELS SHALL BE ARRANGED FOR COMPATIBILITY WITH EXISTING DEVICES, APPLIANCE AND CONTROL CIRCUITS. REFER TO SPECIFICATIONS FOR ADDITIONAL DETAILS.

F. EXISTING NOTIFICATION APPLIANCE SIGNALING IS ACCOMPLISHED WITH CONVENTIONAL HORN/STROBES AND SHALL REMAIN. THE NEW NETWORK FIRE ALARM SYSTEM SHALL BE ARRANGED WITH CONNECTIONS AND COMPONENTS FOR A FUTURE UPGRADE TO DIGITAL EMERGENCY VOICE/ALARM COMMUNICATIONS AS REQUIRED BY THE SPECIFICATIONS.

G. THE CONTRACTOR SHALL PROVIDE, INSTALL AND CONNECT NEW CONDUIT AND WIRING FOR A COMPLETE SYSTEM. ALL ABANDONED FIRE ALARM WIRING AND RACEWAY SHALL BE REMOVED.

H. SEE SPECIFICATIONS FOR INITIATING DEVICE, NOTIFICATION APPLIANCE CIRCUIT AND CONTROL CIRCUIT SCHEDULES FOR EXISTING FIRE ALARM CONTROL PANELS.

I. SEE SPECIFICATIONS FOR PHASING AND IMPAIRMENT REQUIREMENTS.



N 1 FA100-48 BUILDING 48 FIRE ALARM PLAN - BASEMENT
SCALE = 1/8"=1'-0"

100% Construction Documents - For Construction

No	REVISION	DATE

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DRAWING TITLE: BUILDING 48 FIRE ALARM PLAN - BASEMENT	PROJECT TITLE: FIRE ALARM REPLACEMENT		DATE: 03.12.2013
			SCALE: AS NOTED
			PROJECT #: 02213001
APPROVED: PROJECT DIRECTOR	DATE:	BUILDING NO: AS NOTED	DESIGNED BY: HHB / DRAWN: CAB / CAD FILE: XXX
		LOCATION: ST. CLOUD VA MEDICAL CENTER, ST. CLOUD, MN 56303	DRAWING NO: FA100-48

St. Cloud VA Health Care System
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