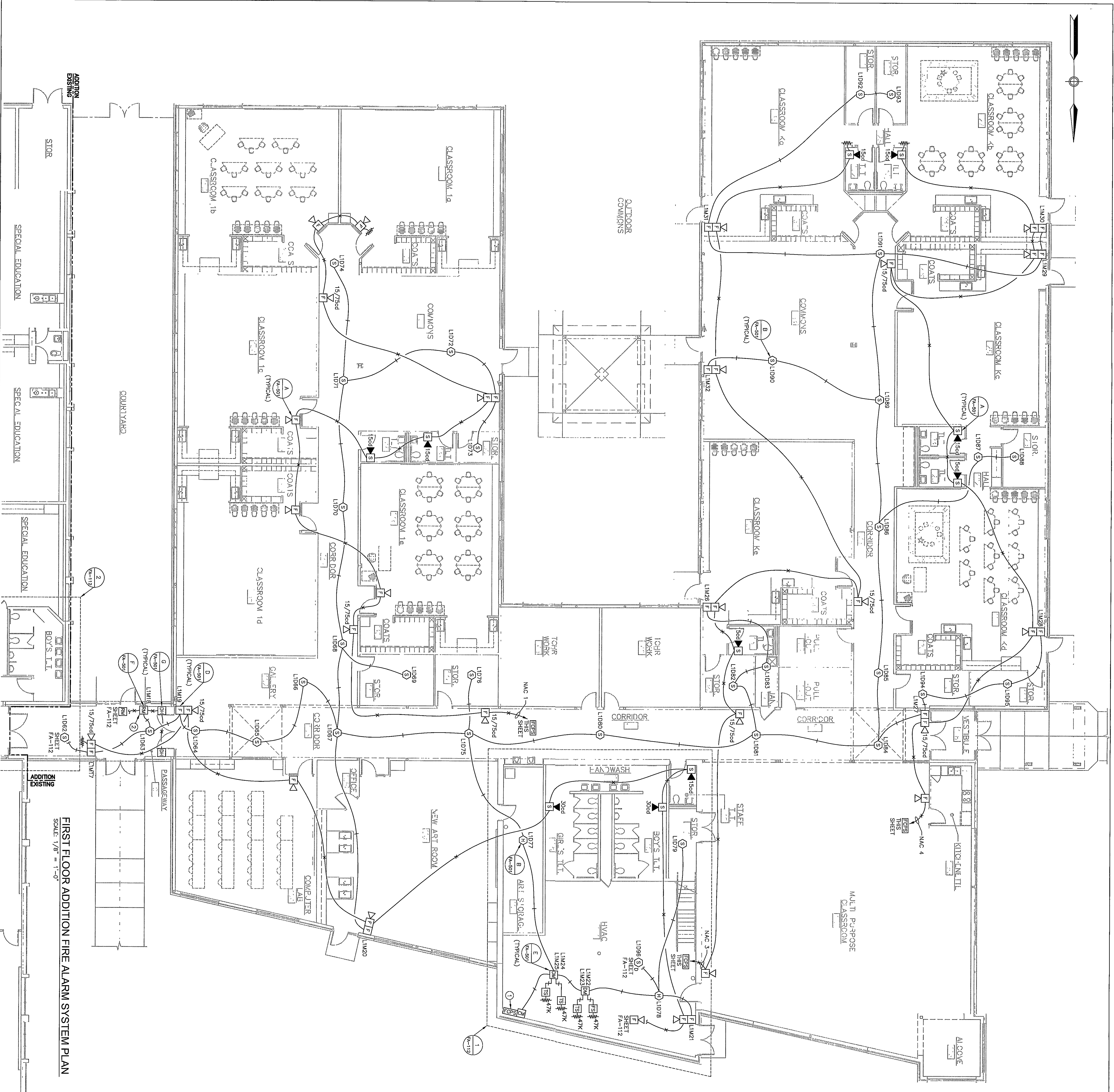




FIRST FLOOR ADDITION FIRE ALARM SYSTEM PLAN

SCALE 1/8" = 1'-0"

FIRE ALARM SYMBOL LEGEND			
SYMBOL	DESCRIPTION	MFG./MODEL	QUANTITY FA-111
[Symbol]	FIRE ALARM MISC. POWER SUPPLY	NOTIFIER FCS-2456	1
[Symbol]	PHOTOELECTRIC SMOKE DETECTOR	NOTIFIER FST-651	31
[Symbol]	THERMAL DETECTOR	NOTIFIER FST-651	2
[Symbol]	PHOTOELECTRIC DUCT SMOKE DETECTOR	NOTIFIER W/SP-451	-
[Symbol]	MANUAL PULL STATION	NOTIFIER NBS-121X	12
[Symbol]	FIRE ALARM DUAL MONITOR MODULE	NOTIFIER FDM-1	2
[Symbol]	FIRE ALARM RELAY MODULE	NOTIFIER FRM-1	1
[Symbol]	FIRE ALARM CONTROL MODULE	NOTIFIER FCM-1	1
[Symbol]	FIRE ALARM HORN/STROBE	NOTIFIER PAR	25
[Symbol]	MAGNETIC DOOR HOLDER	NOTIFIER FMS9	10
[Symbol]	SPRINKLER SYSTEM FLOW SWITCH	PROVIDED BY OTHERS	2
[Symbol]	SPRINKLER SYSTEM TAMPER SWITCH	PROVIDED BY OTHERS	1
[Symbol]	47K END OF LINE RESISTOR	PROVIDED BY OTHERS	3
[Symbol]	47K END OF LINE RESISTOR	PROVIDED BY OTHERS	4
[Symbol]	47K END OF LINE RESISTOR	PROVIDED BY OTHERS	4

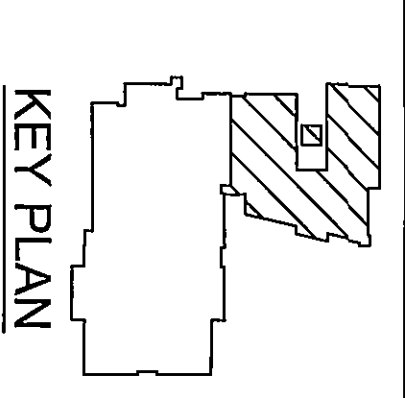
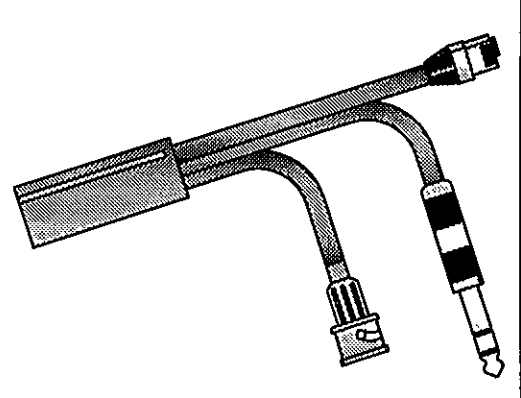
FIRE ALARM WIRE SCHEDULE	
SYMBOL	DESCRIPTION
[Symbol]	16 AWG 2 COND. FPLP SLC CIRCUIT
[Symbol]	14 AWG 2 COND. FPLP NOTIFICATION CIRCUIT

- GENERAL NOTES:**
- THESE DRAWINGS DO NOT REPRESENT ACTUAL WIRE ROUTES, BUT INSTALLED ARE INTENDED TO ILLUSTRATE EACH CIRCUIT'S POINT-TO-POINT WIRING. VISUAL CIRCUITS MUST BE A COMPLETE CIRCUIT WITH NO TEE-TAPPING, AND FOR SUPERVISION PURPOSES.
 - SET STROBES AT 75 CANDELA, UNLESS OTHERWISE NOTED.
 - AC POWER TO FIRE ALARM PANEL AND MFC PANELS SHALL BE DEDICATED 120V, SINGLE PHASE, 20A CIRCUITS.
 - ON DEVICE ADDRESSES, "1" INDICATES SLC LOOP NUMBER, "2" INDICATES MODULE, "3" INDICATES DETECTOR. THE LAST 2 NUMBERS INDICATE THE DEVICE ADDRESS.
 - ALL AUDIBLE / VISUAL DEVICES SHALL BE MOUNTED AT 80" A.F.F.
 - ALL MANUAL PULL STATIONS SHALL BE MOUNTED AT 48" A.F.F.
 - PLACE SMOKE DETECTORS NO CLOSER THAN 60" AWAY FROM SUPPLY AIR DIFFUSERS.
 - KEEP FIRE ALARM CABLING SEPARATE FROM ALL OTHER SYSTEMS CABLING.
 - CORRIDOR SMOKE DETECTORS SHALL BE SPACED AT NO GREATER THAN 15' FROM THE END OF THE CORRIDOR, AND NO GREATER THAN 30' APART ON CENTER DOWN THE LENGTH OF THE CORRIDOR.
 - CHECK EXISTING FIRE ALARM CONTROL PANEL FOR AVAILABLE ADDRESSES OF NEW ADDRESSABLE DEVICES.

- PLAN NOTES:**
- FIELD VERIFY EXACT LOCATION.
 - PROGRAM RELAY MODULE SUCH THAT SMOKE DETECTOR ON EITHER SIDE WILL CLOSE DOORS.

LIBERTY
ELEMENTARY
SCHOOL

REVISIONS:	
[Symbol]	01/20/2010 DRAWING SUBMITTALS



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FIRST FLOOR ADDITION
FIRE ALARM SYSTEM PLAN