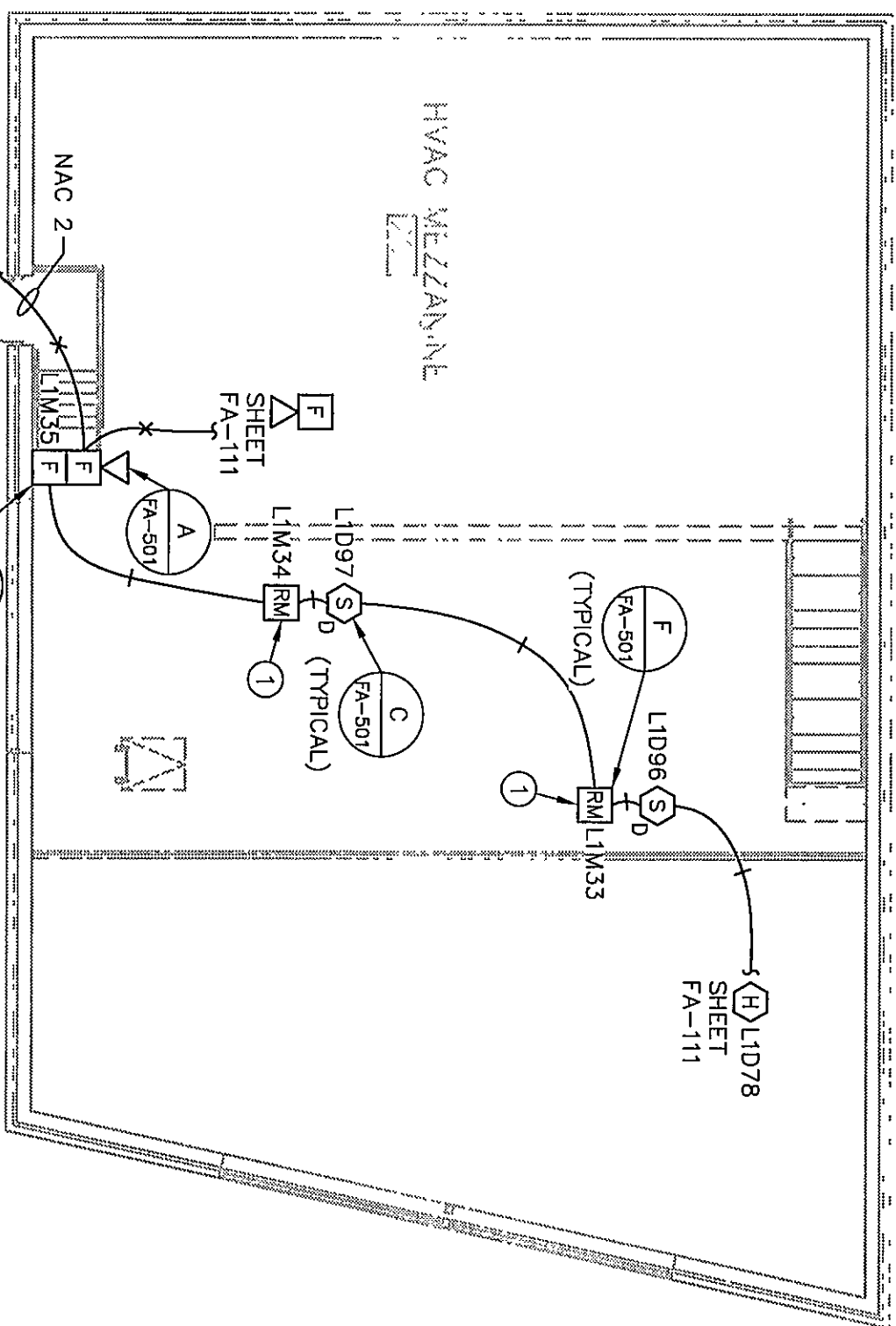
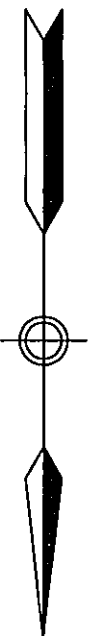
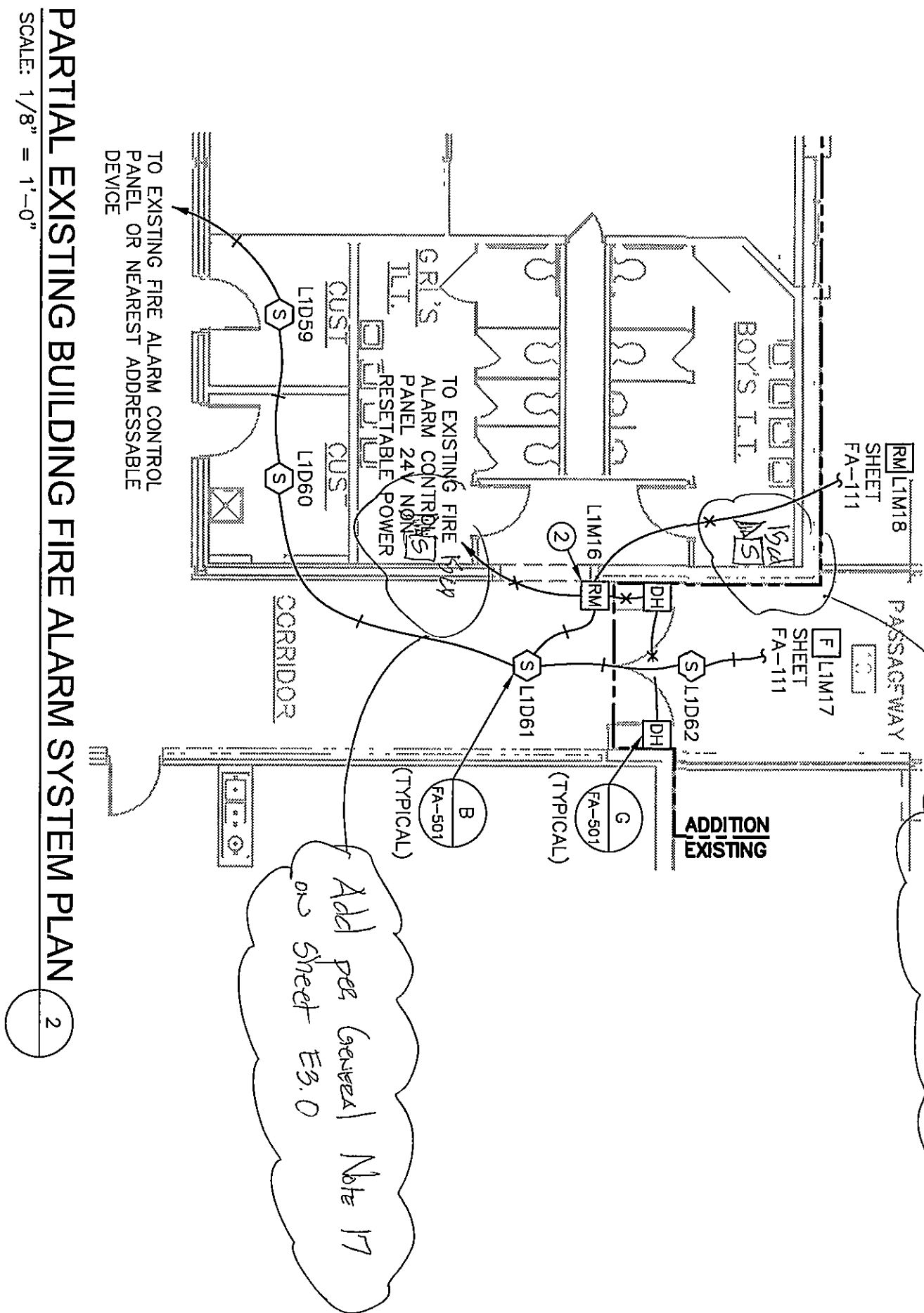




ADDITION HVAC MEZZANINE FIRE ALARM SYSTEM PLAN 1
SCALE: 1/8" = 1'-0"



PARTIAL EXISTING BUILDING FIRE ALARM SYSTEM PLAN 2
SCALE: 1/8" = 1'-0"

FIRE ALARM SYMBOL LEGEND			
SYMBOL	DESCRIPTION	MFG./MODEL	ROUGH-IN QUANTITY FA-112
	FIRE ALARM NAC POWER SUPPLY	NOTIFIER FSP-851	PROVIDED ENCLOSURE -
	PHOTOELECTRIC SMOKE DETECTOR	NOTIFIER FSP-851 W/8710LP BASE	OCTAGON BOX 4
	THERMAL DETECTOR	NOTIFIER ST-851 W/8710LP BASE	OCTAGON BOX -
	PHOTOELECTRIC DUCT SMOKE DETECTOR	NOTIFIER W/TSP-851 DNR	PROVIDED HOUSING 2
	MANUAL PULL STATION	NOTIFIER NBS-12X	4" SQUARE BOX 1
	FIRE ALARM DUAL MONITOR MODULE	NOTIFIER FDM-1	4" SQUARE BOX -
	FIRE ALARM RELAY MODULE	NOTIFIER FRM-1	4" SQUARE BOX 3
	FIRE ALARM CONTROL MODULE	NOTIFIER FDM-1	MOUNTS INSIDE NAC POWER SUPPLY -
	FIRE ALARM HORN/STROBE	NOTIFIER F2R	4" SQUARE BOX 1
	FIRE ALARM STROBE	NOTIFIER SR	4" SQUARE BOX -
	MAGNETIC DOOR HOLDER	NOTIFIER MDH-1	4" SQUARE BOX 2
	SPRINKLER SYSTEM FLOW SWITCH	PROVIDED BY OTHERS	W/ ONE GANG RING -
	SPRINKLER SYSTEM TAMPER SWITCH	PROVIDED BY OTHERS	-
	47K END OF LINE RESISTOR	-	-
	47K END OF LINE RESISTOR	-	-

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

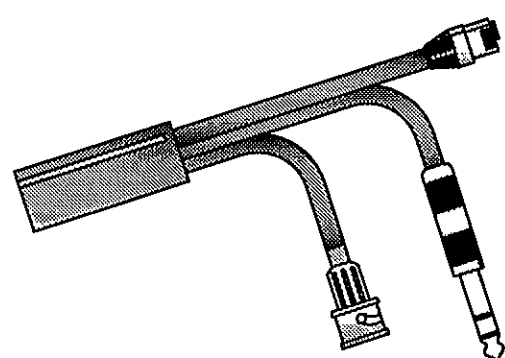
GENERAL NOTES:

- THESE DRAWINGS DO NOT REPRESENT ACTUAL WIRE ROUTES, BUT INSTEAD ARE INTENDED TO ILLUSTRATE EACH CIRCUITS POINT-TO-POINT WIRING.
- TEE-TAPPING IS PERMISSIBLE ON THE SLC LOOP ONLY. AUDIBLE AND VISUAL CIRCUITS MUST BE A COMPLETE CIRCUIT WITH NO TEE-TAPPING, FOR SUPERVISION PURPOSES.
- SET STROBES AT 75 CANDELA, UNLESS OTHERWISE NOTED.
- AC POWER TO FIRE ALARM PANEL AND NAC PANELS SHALL BE DEDICATED 120V, SINGLE PHASE, 20A CIRCUITS.
- ON DEVICE ADDRESSES "L" INDICATES SLC LOOP NUMBER, "M" INDICATES MODULE, "D" 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:

- CONNECT TO UNIT CONTROL FOR UNIT SHUTDOWN.
- PROGRAM RELAY MODULE SUCH THAT SMOKE DETECTOR ON EITHER SIDE WILL CLOSE DOORS.

LIBERTY
ELEMENTARY
SCHOOL



FAIRCHILD
COMMUNICATION SYSTEMS
3165 N. Shadeland Avenue
Indianapolis, IN 46226
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KEY PLAN

LIBERTY ELEMENTARY SCHOOL
50-1 W. COUNTY ROAD 900 N.
CHESTERTON, INDIANA

FIRST FLOOR ADDITION
FIRE ALARM SYSTEM PLAN

DATE:	PROJECT NO.:
01/08/2010	91358
DRAWN BY:	CHECKED BY:
TJA	SWA
SHEET NO.:	
FA-112	