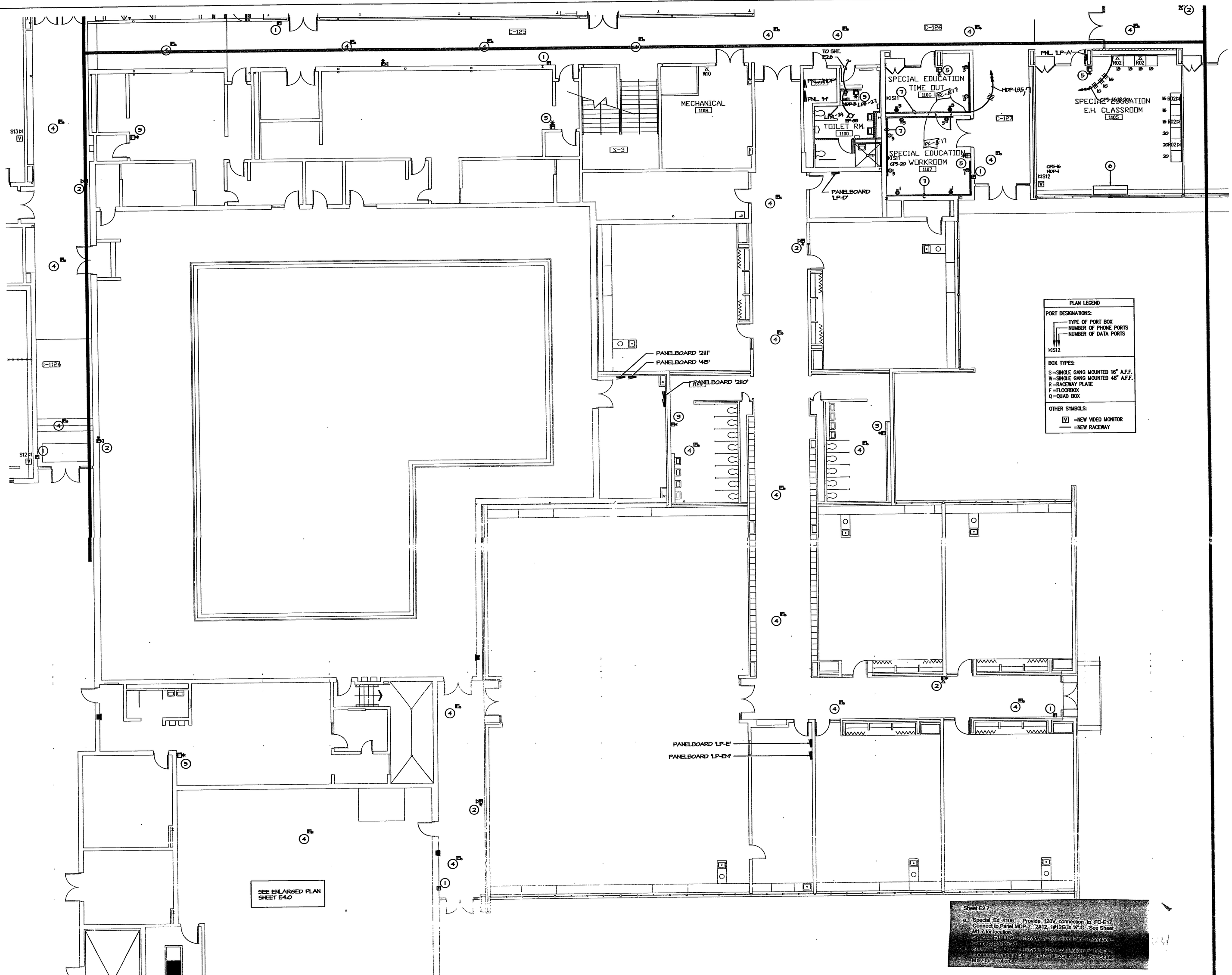



PLAN LEGEND

PORT DESIGNATIONS:
- TYPE OF PORT BOX
- NUMBER OF PHONE PORTS
- NUMBER OF DATA PORTS

K1S12

BOX TYPES:
S =SINGLE GANG MOUNTED 16" A.F.F.
W=SINGLE GANG MOUNTED 48" A.F.F.
R =RACEWAY PLATE
F =FLOORBOX
Q =QUAD BOX

OTHER SYMBOLS:
V =NEW VIDEO MONITOR
=NEW RACEWAY

Sheet E2.7:

a. Special Ed 1106 - Provide 120V connection to FC-E17. Connect to Panel MDP-7. 2#12, 1#12G in ¾" C. See Sheet M1.7 for location.

SPECIAL ED 1105 - PROVIDE 1 HR CIRCUIT RESISTIVE CABLE FOR FIRE ALARM SYSTEM. SEE SHEET E2.6 FOR CIRCUITING. PROVIDE 120V CONNECTION TO FC-E17. CONNECT TO PANEL MDP-7. 2#12, 1#12G IN ¾" C. SEE SHEET M1.7 FOR LOCATION.

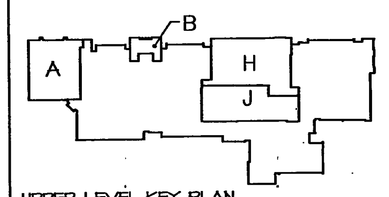
## GENERAL ELECTRICAL NOTES:

A. FOR TYPICAL COMPUTER CIRCUITS AND LAYOUT REQUIRED IN CLASSROOMS, OFFICES, LABS, ETC., SEE TYPICAL LAYOUT ELEVATIONS ON SHT. E 8.1. COORDINATE INSTALLATION OF ALL SURFACE MOUNTED RACEWAY WITH DIV.-11.

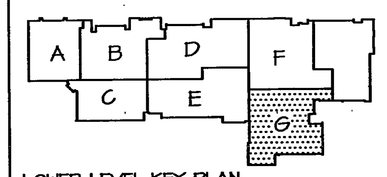
## NOTES:

1. UTILIZE MIREMOLD SERIES 400 NON-METALLIC SURFACE RACEWAY AND SURFACE BOX TO LOWER EXIST. FIRE ALARM PULL STATION TO +40" A.F.F. TO TOP OF BOX. PROVIDE ALL MOUNTING HARDWARE REQUIRED. EXTEND EXIST. CIRCUIT.
2. UTILIZE MIREMOLD SERIES 400 NON-METALLIC SURFACE RACEWAY AND SURFACE BOX TO LOWER EXIST. FIRE ALARM HORN/STROBE TO +80" A.F.F. TO TOP OF BOX. PROVIDE ALL MOUNTING HARDWARE REQUIRED. EXTEND TO EXIST. CIRCUIT.
3. UTILIZE MIREMOLD SERIES 400 NON-METILLATIC SURFACE RACEWAY AND SURFACE BOX TO LOWER EXIST. FIRE ALARM STROBE TO +80" A.F.F. TO TOP OF BOX. PROVIDE ALL HARDWARE REQUIRED. EXTEND EXIST. CIRCUIT.
4. RELOCATE EXIST. FIRE ALARM SMOKE DETECTOR IN NEW CEILING. RECONNECT TO EXIST. CIRCUIT.
5. UTILIZE MIREMOLD SERIES 400 NON-METALLIC SURFACE RACEWAY TO EXTEND FIRE ALARM CABLE DOWN EXIST. WALL. PROVIDE ALL MOUNTING HARDWARE REQUIRED. NEW CIRCUITS FROM EXIST. FACP SHALL BE USED FOR ALL ADDITIONAL HORN STROBE AND STROBE ONLY DEVICES. PULL STATIONS AND SMOKE DETECTORS CAN BE CONNECTED TO EXIST. DATA LOOP CIRCUIT.
6. RECONNECT NEW MECHANICAL EQUIPMENT TO EXISTING CIRCUIT.
7. UTILITZEE MIREMOLD SERIS 400 NON-METALLIC SURFACE RACEWAY TO SURFACE MOUNTED RECEPTAILS CIRCUITS. COORDINAT WITH CHALKBOARD AND FURNITURE LOCATIONS PRIOR TO INSTALLATION.

| WIRING SIZING FOR VOLTAGE DROP (20A, 120V. CIRCUITS) | |
|---|---|
| >90' | #10 AWG |
| >115' | #8 AWG |
| >215' | #6 AWG |




UPPER LEVEL KEY PLAN




LOWER LEVEL KEY PLAN

NORTH
SCALE: 1/8" = 1'-0"

ARCHITECTS
ENGINEERS
PLANNERS

VEAZEY PARROTT DURKIN & SHOULDERS

525 Main Street
Suite 400
Evansville, In. 47708

RENOVATION PROJECT FOR:

**DUNELAND SCHOOL CORP.**
CHESTERTON HIGH SCHOOL/MIDDLE SCHOOL
CHESTERTON, INDIANA

Drawing Title:
**POWER PLAN - UNIT 'G'**

THOMAS H. DURKIN REGISTERED No. 19257 STATE OF INDIANA PROFESSIONAL ENGINEER

| | |
|---|---|
| Project No: | 9980.00 |
| Project Date: | JUNE 2000 |
| Drawn By: | BWH |
| Approved By: | TLM |
| Drawing No: | E 2.7 |

2000-E-32