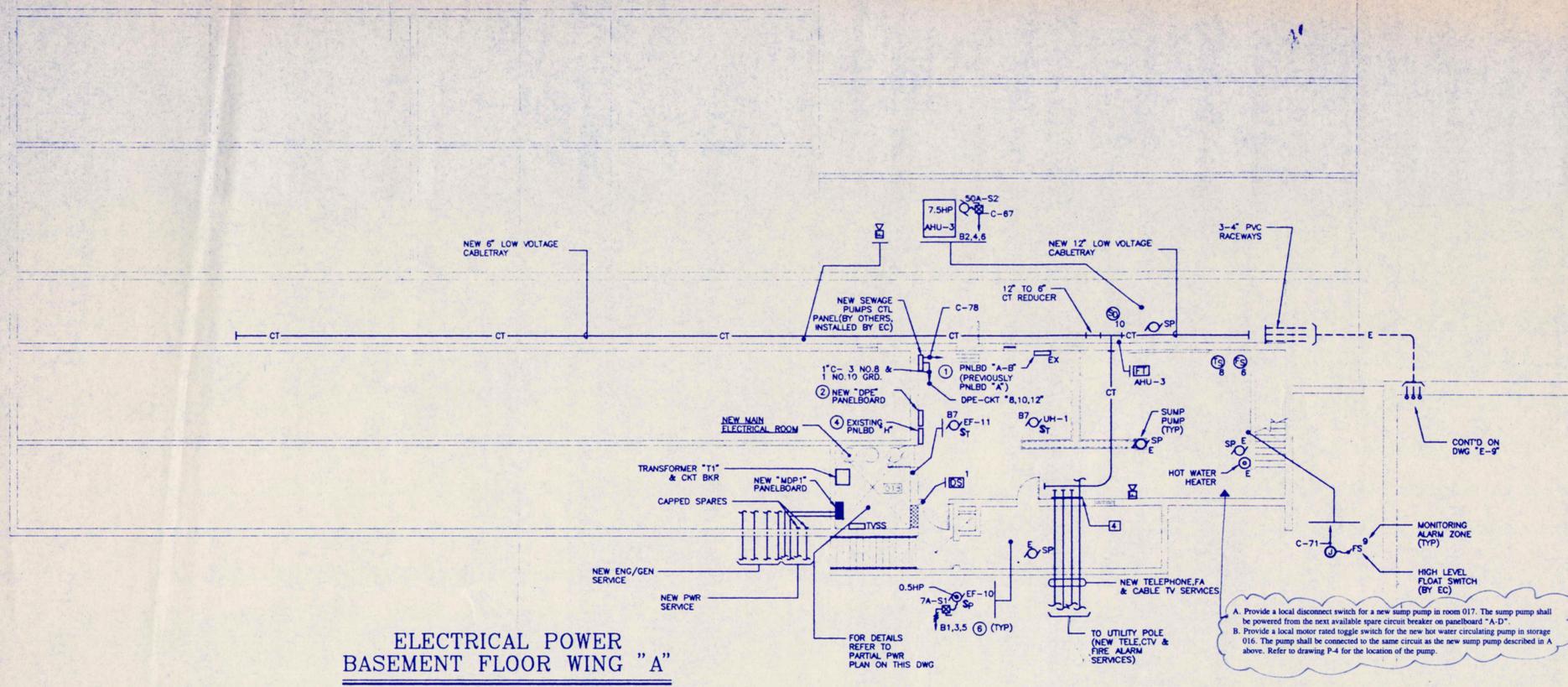


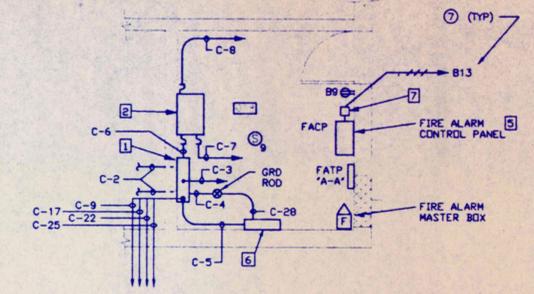
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**ADDITION AND RENOVATIONS  
PERLEY SCHOOL  
GEORGETOWN  
MA.**



**ELECTRICAL POWER  
BASEMENT FLOOR WING "A"**

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



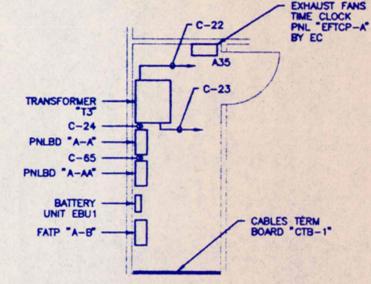
**MAIN ELECTRICAL ROOM  
PARTIAL POWER PLAN**

SCALE: 1/4" = 1'-0"

MAIN ELECTRICAL ROOM EQUIPMENT SCHEDULE	
1	NEW POWER DISTRIBUTION PANELBOARD "NDP1"
2	NEW DRY TYPE TRANSFORMER "T1"
3	EXISTING RETRO-FITTED PANELBOARD "DPE"
4	FIRE-PROOF PAINTED 3/4" x 4' x 8' PYWOOD
5	NEW FIRE ALARM CONTROL PANEL
6	NEW TRANSIENT VOLTAGE SURGE SUPPRESSOR
7	NEW SURGE SUPPRESSOR FACP RECEPTACLE IN JUNCTION BOX

A. Provide a local disconnect switch for a new sump pump in room 017. The sump pump shall be powered from the next available spare circuit breaker on panelboard "A-D".  
B. Provide a local motor rated toggle switch for the new hot water circulating pump in storage 016. The pump shall be connected to the same circuit as the new sump pump described in A above. Refer to drawing P-4 for the location of the pump.

C. Relocate the new receptacle in Project 169 on the corridor wall between gridlines E6 & E7 to the wall between Boy's 168 and Project 169.  
D. Relocate the receptacle in Project 169 closest to gridline E5 on the corridor wall to the wall section where the speaker is located.

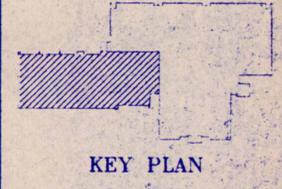


**ELECTRICAL ROOM "175"  
PARTIAL POWER PLAN**

SCALE: 1/4" = 1'-0"

- ELECTRICAL POWER PLANS NOTES**
- ELECTRICAL SUB-CONTRACTOR (EC) SHALL RE-CONNECT THE REMAINING EXISTING BRANCH CIRCUITS FROM THE EXISTING PANELBOARD TO THE NEW PANELBOARDS.
  - EC SHALL RE-CONNECT THE REMAINING EXISTING PANELBOARD FEEDERS TO THE NEW PANELBOARDS. ANY SPlicing SHALL BE HIGH COMPRESSION BUTT SPlices FROM FACTORY SPlicing KITS.
  - ALL EXISTING RECEPTACLES ARE OF THE NON-GROUNDED TYPE. THE EC SHALL REPLACE ALL OF THESE WITH GROUNDED TYPE RECEPTACLES. THE RECEPTACLES SHALL BE GROUNDED TO THE BACK-BOX.
  - EC SHALL CONVERT THE EXISTING PANELBOARD "H" TO A TERMINAL BOX AND RE-WIRE THE REMAINING EXISTING BRANCH CIRCUITS TO PANELBOARD "A-B" (EXISTING PANELBOARD "A").
  - EC SHALL CONNECT THE EXISTING FIRE ALARM DETECTORS IN THE ATTIC AREA INTO THE NEW FIRE ALARM SYSTEM.
  - CIRCUIT NUMBERS SHOWN ARE FOR GUIDANCE ONLY. WHERE AN EXISTING CIRCUIT IS CONNECTED TO THE CIRCUIT BREAKER INDICATED, THE NEXT AVAILABLE SPARE CIRCUIT BREAKER IS TO BE USED.
  - CIRCUIT NUMBERS SHOWN AS "B13", FOR EXAMPLE, ARE BRANCH WIRING CIRCUITS CONNECTED TO PANELBOARD "A-B". SIMILARLY, CIRCUIT NUMBERS SHOWN AS "A17", FOR EXAMPLE, ARE BRANCH WIRING CIRCUITS CONNECTED TO PANELBOARD "A-A".

- ELECTRICAL DRAWINGS REFERENCE NOTES**
- FOR POWER AND LIGHTING DEMOLITION BUILDING PLANS, REFER TO DWGS NO'S E-1 THRU E-8
  - FOR POWER AND LIGHTING BUILDING PLANS, REFER TO DWGS NO'S E-7 THRU E-12
  - FOR SYMBOLS, ABBREVIATIONS AND GENERAL NOTES, REFER TO DWG NO. E-13
  - FOR POWER DISTRIBUTION SYSTEM SINGLE LINE DIAGRAM, REFER TO DWG # E-14
  - FOR SYSTEMS RISER DIAGRAMS, REFER TO DWGS NO'S E-15 AND E-16
  - FOR DETAILS, REFER TO DWGS NO'S E-17 THRU E-19
  - FOR PANELBOARDS, LIGHTING FIXTURES, CONDUIT/WIRE, ETC SCHEDULES, REFER TO DWGS NO'S E-20 THRU E-22

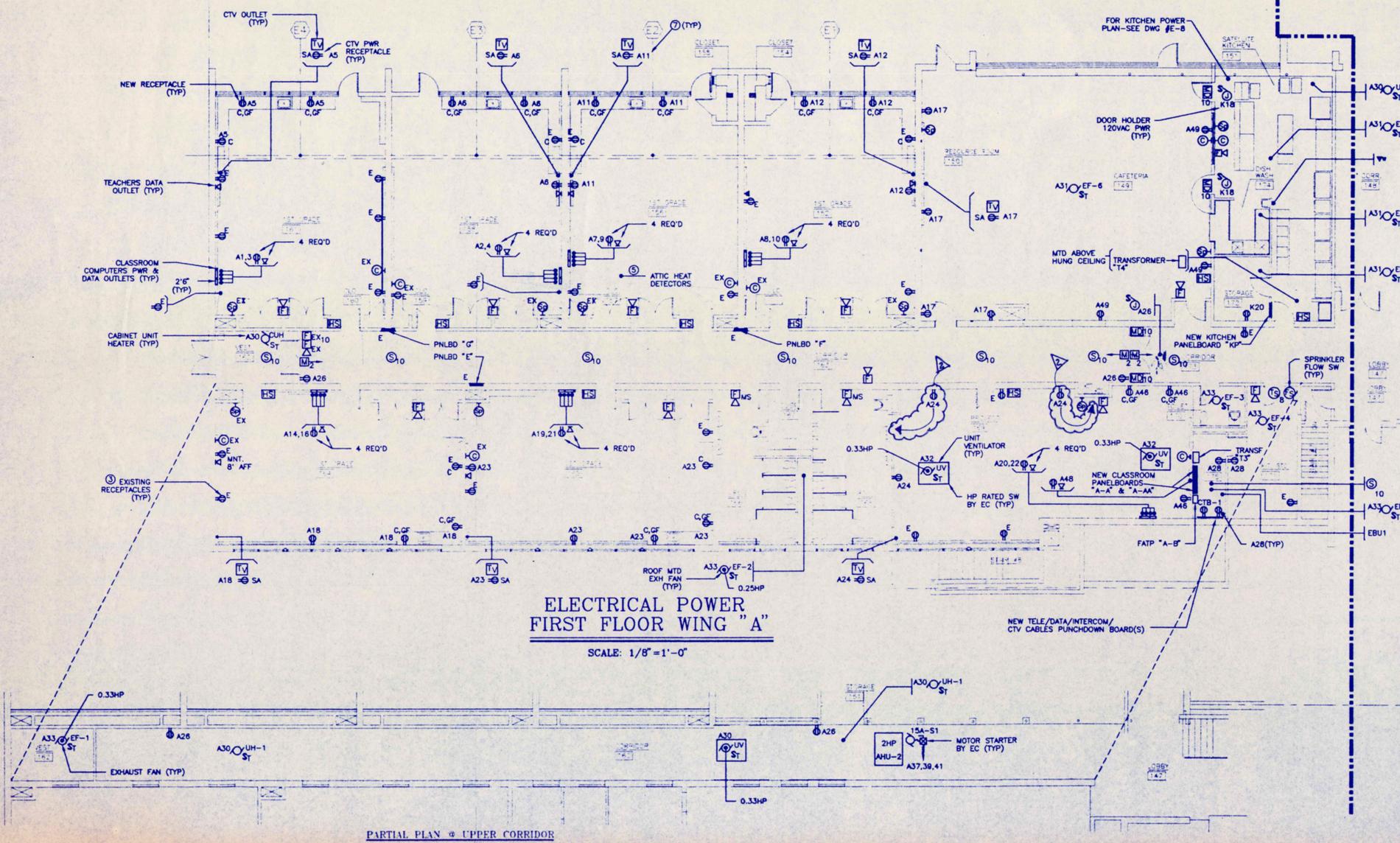


KEY PLAN

Drawn By: T. SHAWLEY  
Checked By: WPE  
Scale: 1/8" = 1'-0"  
Date: 4/11/88  
Professional Seal



**ELECTRICAL  
BSMT. & 1ST FLR  
POWER Plan 'A'**



**ELECTRICAL POWER  
FIRST FLOOR WING "A"**

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

PARTIAL PLAN @ UPPER CORRIDOR