

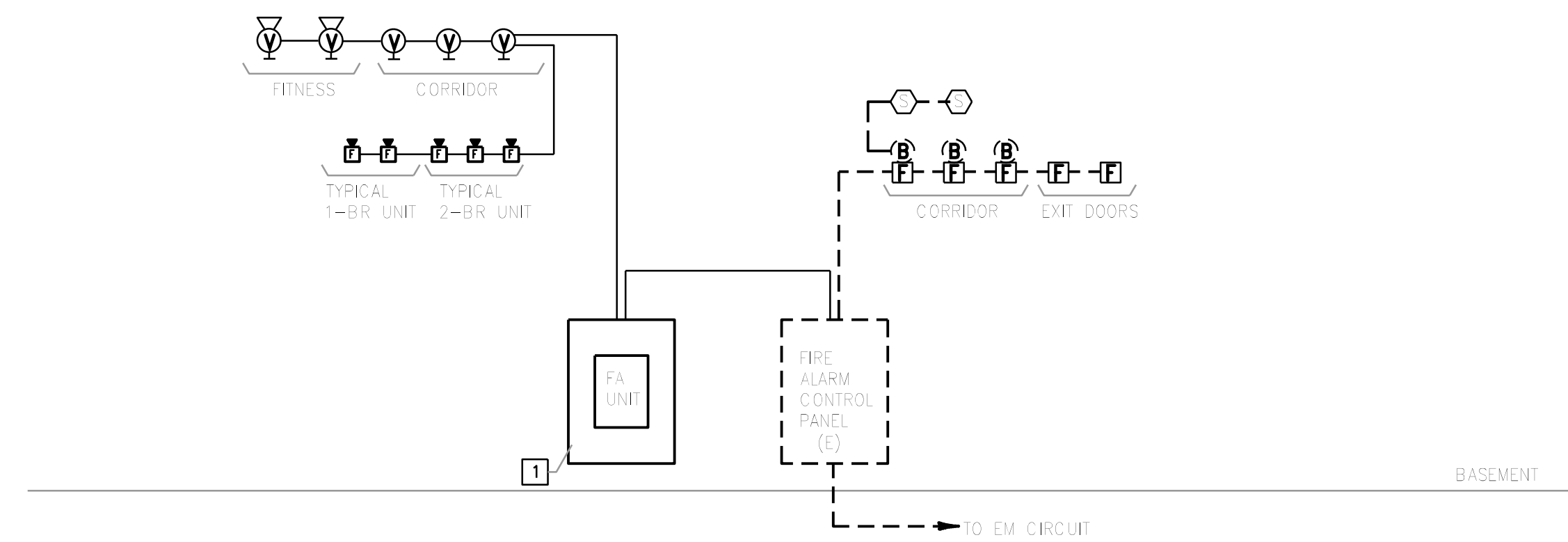
1 POWER RISER DIAGRAM
 E-400 SCALE: NOT TO SCALE
 (TYPICAL FOR BLDG 5800, 5802, 5804)

KEY NOTES:

- 1 PROVIDE A NEW 3P-150A CIRCUIT BREAKER TO MATCH EXISTING TYPE, AIC RATING
- 2 PROVIDE 4#2/0 AWG + 1#6 AWG G. IN 2" EMT
- 3 PROVIDE A NEW PANEL AS INDICATED
- 4 PROVIDE 3#3 AWG + 1#8 AWG G. IN 1-1/2" C.
- 5 PROVIDE A NEW LOAD CENTER AS INDICATED, LOCATED WITH-IN DWELLING UNIT.
 - TOTAL OF 6 - BUILDING 5800
 - TOTAL OF 8 - BUILDING 5802
 - TOTAL OF 8 - BUILDING 5804

LEGEND:

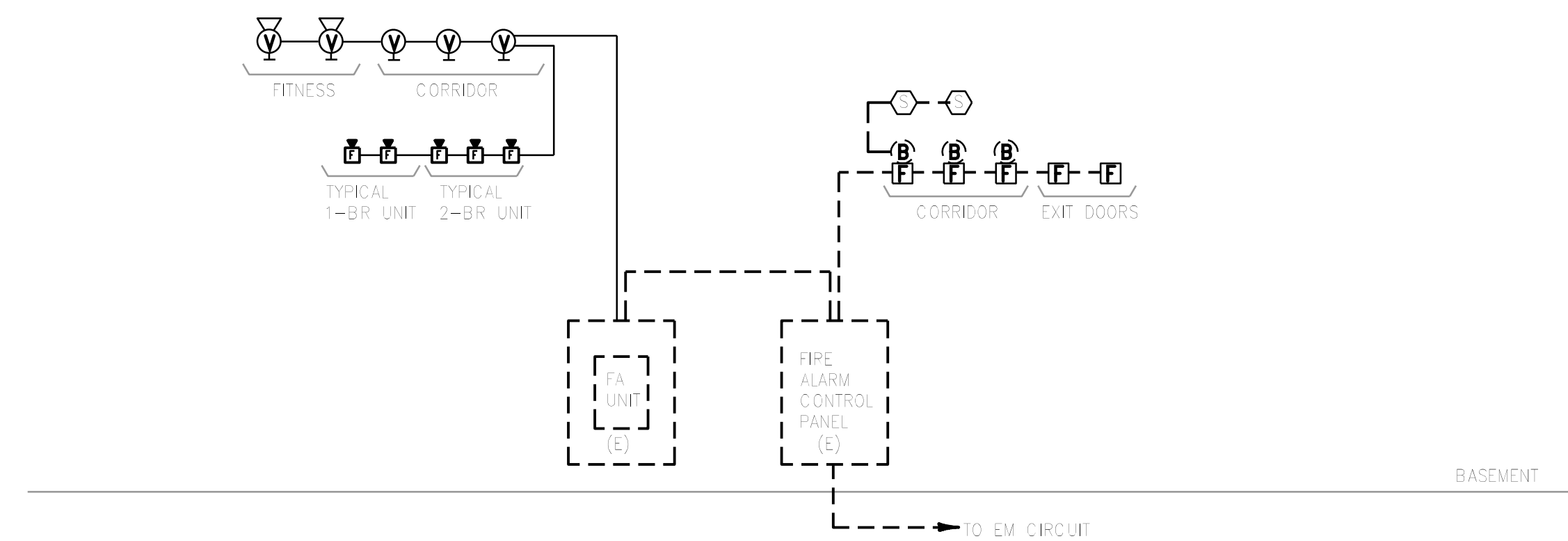
- EXISTING ELECTRICAL EQUIPMENT TO BE REMAINED
- NEW ELECTRICAL EQUIPMENT TO BE PROVIDED



2 FIRE ALARM RISER DIAGRAM (BLDG 5800 AND 5804)
 E-400 SCALE: NOT TO SCALE

KEY NOTES:

- 1 PROVIDE A NEW FIRE ALARM NOTIFICATION UNIT WITH ADDITIONAL BOOSTER SUPPLIER, ADDING ON TO EXISTING FIRE ALARM SYSTEM TO ACCOMMODATE QUANTITIES OF AUDIO, VISUAL (STROBE) DEVICES AS SHOWN ON THE FLOOR PLANS



3 FIRE ALARM RISER DIAGRAM - BLDG 5802
 E-400 SCALE: NOT TO SCALE

FIRE ALARM RISER NOTES:

1. THE EXISTING FIRE ALARM SYSTEM IN THE BUILDING 5802 HAD BEEN ALREADY UPGRADED TO HAVE THE VISUAL (STROBE) NOTIFICATION

FIRE ALARM NOTES

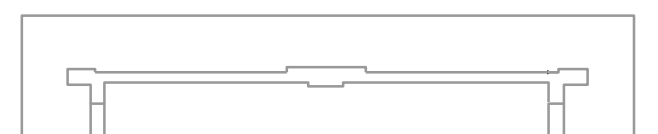
1. THIS RISER DIAGRAM IS OFFERED AS THE CONCEPTUAL SYSTEM ARCHITECTURE AND DOES NOT CONTAIN ALL OF THE INFORMATION NEEDED FOR FULL INSTALLATION. IT IS INTENDED TO BE USED AS A GUIDE ONLY.
2. CONTRACTOR SHALL INSPECT EXISTING FIRE ALARM SYSTEM AND SHALL BE RESPONSIBLE TO PROVIDE ANY COMPONENTS AND/OR MAKE ANY MODIFICATIONS NECESSARY TO THE FIRE ALARM CONTROL PANEL AND POWER SUPPLY TO ALLOW FOR INSTALLATION OF THE CURRENT ADU APPROVED FIRE ALARM DEVICES.
3. SMOKE DETECTORS SHALL BE INSTALLED MINIMUM 3'-0" FROM HVAC SUPPLY AIR DIFFUSERS.
4. THE APPLIANCE SHALL BE PLACED 80" ABOVE THE HIGHEST FLOOR LEVEL OR 6" BELOW THE CEILING, WHICHEVER IS LOWER.
5. FIRE ALARM DEVICES HAVE BEEN PROVIDED AS UNDER:
 - A) FIRE ALARM STROBES ARE REQUIRED WITHIN 15 FEET OF THE END OF EACH CORRIDOR AND AT NO MORE THAN 100 FEET INTERVALS ALONG THE CORRIDOR.
 - B) PULL STATIONS ARE REQUIRED WITHIN 5 FEET OF ALL EXIT DOORS. CONTRACTOR SHALL VERIFY THE ABOVE MENTIONED REQUIREMENT.
6. VERIFY EXACT QUANTITIES OF FIRE ALARM DEVICES WITH FLOOR PLANS.
7. REFER TO ARCHITECTURAL DRAWINGS, ELEVATIONS AND DETAILS PRIOR TO INSTALLATION OF ALL ELECTRICAL DEVICES. COORDINATE WITH THE ARCHITECT IF REQUIRED DURING CONSTRUCTION.



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 CERTIFICATE OF AUTHORIZATION #0201

I certify that these documents were prepared by or approved by me and that I am a duly licensed professional engineer under the laws of the State of Maryland, license number 19505 expiration date 6/30/15.

key plan



graphic scales

project: 21413
 phase: PERMIT SET
 date: 16 February 2015
 revisions:

POWER AND FIRE ALARM
 RISER DIAGRAMS

E-400