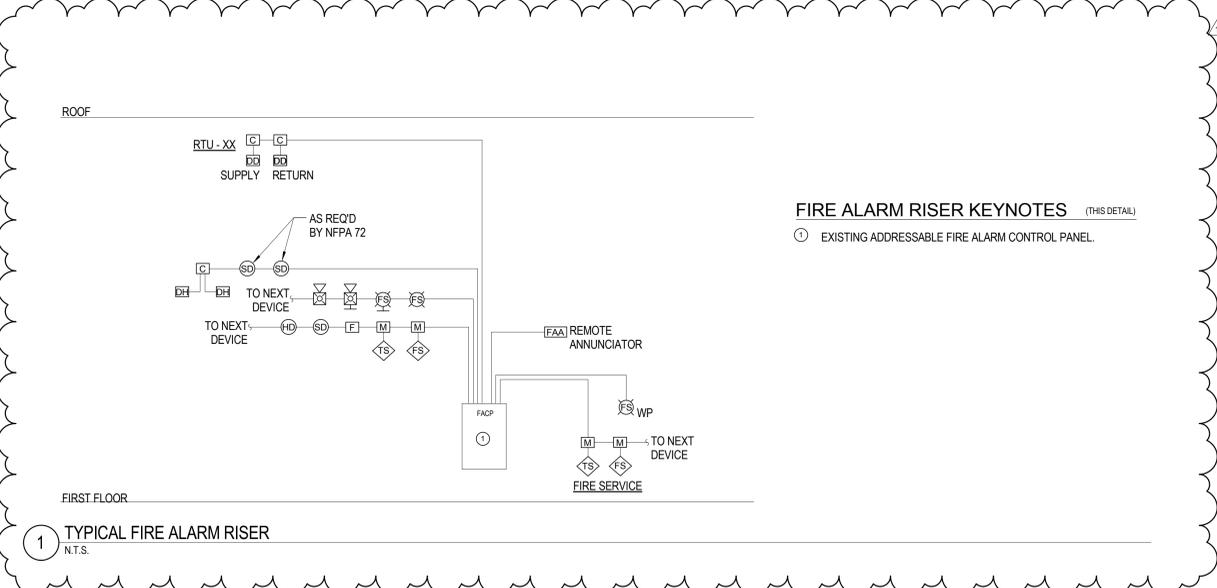
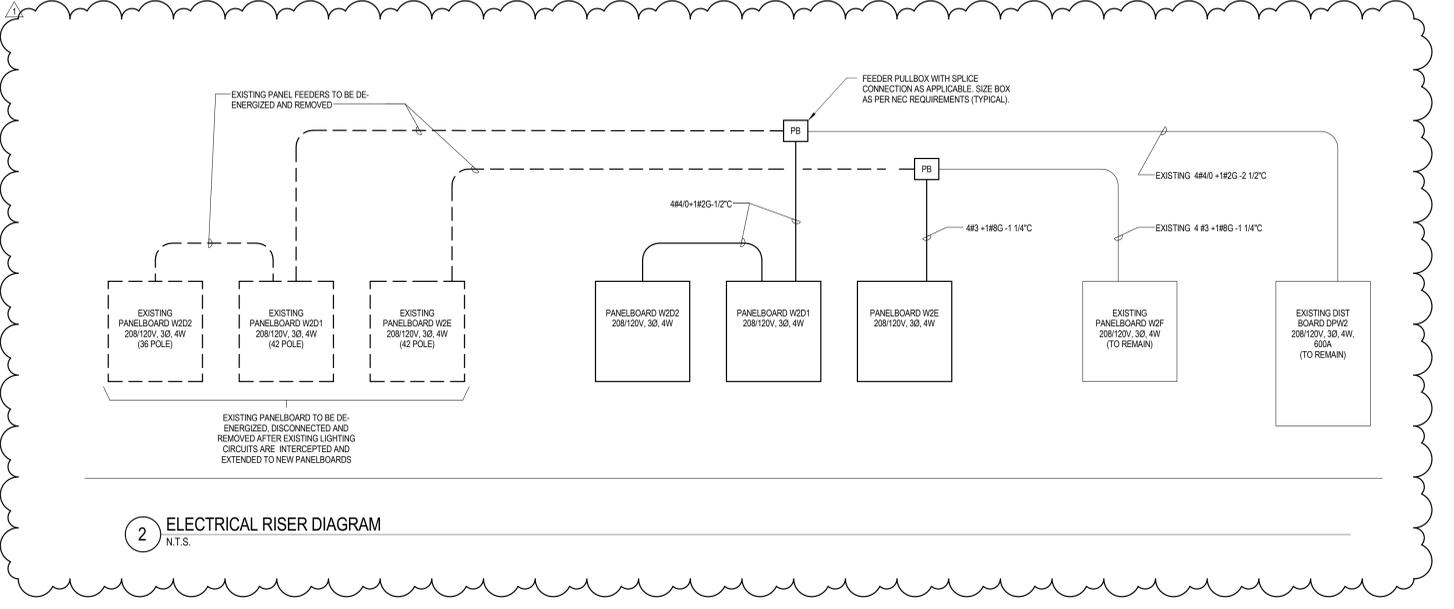


three inches = one foot  
 one and one half inches = one foot  
 one inch = one foot  
 three eighths inch = one foot  
 one half inch = one foot  
 one eighth inch = one foot  
 three eighths inch = one foot  
 one quarter inch = one foot  
 one eighth inch = one foot  
 one eighth inch = one foot

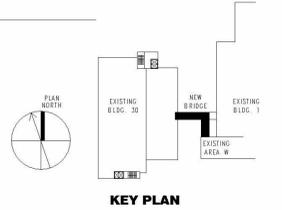
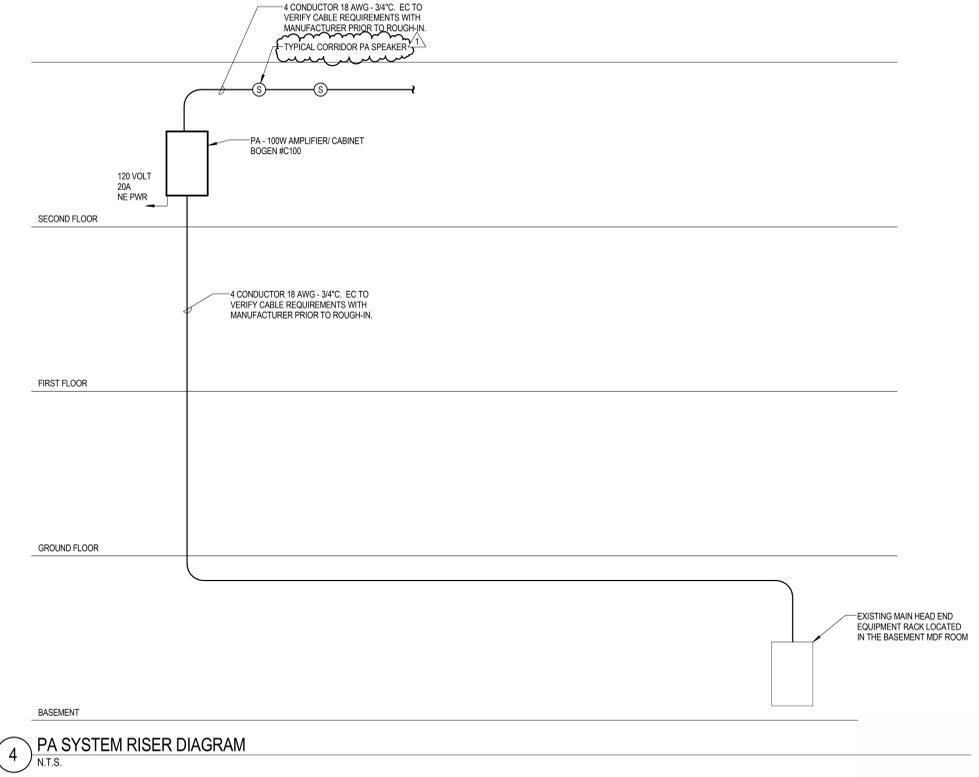


**FIRE ALARM RISER KEYNOTES** (THIS DETAIL)  
 ① EXISTING ADDRESSABLE FIRE ALARM CONTROL PANEL.



**3 FIRE ALARM SYSTEM MATRIX**  
N.T.S.

| INPUT \ OUTPUT                              | SOUND GENERAL BUILDING ALARM FOR OTHERS AND HIGH RISE (NON-HEALTH CARE) (SEE SECTION 7.2.1) | NOTIFY NECESSARY STAFF FOR RESPONSE FOR HEALTH CARE AND HIGH RISE BUILDING ONLY (ALARM SIGNAL MAY BE DIFFERENT ON DIFFERENT FLOORS) | NOTIFY FIRE DEPARTMENT | INITIATE SUPERVISORY SIGNAL TO A 24-HOUR MANNED POINT FOR IMMEDIATE RESPONSE | CLOSE ASSOCIATE SMOKE BARRIER DOORS ON THE FLOOR | CLOSE DAMPERS ON FAN PROXIMATE TO DETECTOR | SHUT DOWN AIR HANDLER SERVED BY THE DETECTOR | RECALL ELEVATOR | OPEN LOCKED EGRESS DOORS ON FLOOR TO FIRE ORIGIN |
|---|---|---|------------------------|--|--|--|--|-----------------|--|
| DUCT SMOKE DETECTOR                         |   |   | X                      | X  |  | X  | X  |                 |  |
| AREA SMOKE DETECTOR                         | X   | X   | X                      |  |  |  |  |                 | X  |
| DOOR RELEASE SMOKE DETECTOR                 | X   | X   | X                      |  | X  | X  |  |                 | X  |
| MANUAL PULL STATION                         | X   | X   | X                      |  | X  |  |  | X               | X  |
| SPRINKLER WATERFLOW / PRESSURE SWITCH       | X   | X   | X                      |  | X  |  |  |                 | X  |
| WATER CONTROL VALVE TAMPER                  |   |   |                        | X  |  |  |  |                 |  |
| HIGH/LOW PRESSURE DRY PIPE SPRINKLER SYSTEM |   |   |                        | X  |  |  |  |                 |  |



PEER REVIEW DOCUMENTS - DECEMBER 21st, 2016  
 FULLY SPRINKLERED

|                                    |  |  |   |                                      |  |
|------------------------------------|--|--|---|--------------------------------------|--|
| <b>CONSULTANTS:</b><br><br>        | <b>ARCHITECT/ENGINEERS:</b><br>ARCHITECTURE<br>ENGINEERING<br>INTERIOR DESIGN<br>DESIGN/BUILD<br><b>ASTORINO</b><br>227 Fort Pitt Boulevard Pittsburgh, Pennsylvania 15222<br>TEL 412.765.1700 FAX 412.765.1711 www.astorino.com | Drawing Title<br><b>ELECTRICAL RISER DIAGRAM</b> | Project Title<br><b>VA CARES CONSOLIDATION VAMC, PITTSBURGH, PA CONNECTING BRIDGE</b> | Project Number<br><b>646CA2500B</b>  | <b>Office of Facilities Management</b><br>Department of Veterans Affairs |
|                                    |  | Approved: Project Director                       | Location<br><b>VAPHS UNIVERSITY DRIVE</b>   | Building Number<br><b>1 &amp; 30</b> |  |
| 1 AMENDMENT 3<br><b>Revisions:</b> | Date<br>01-31-17   | Date   | Date  | Date                                 | Dwg. of  |