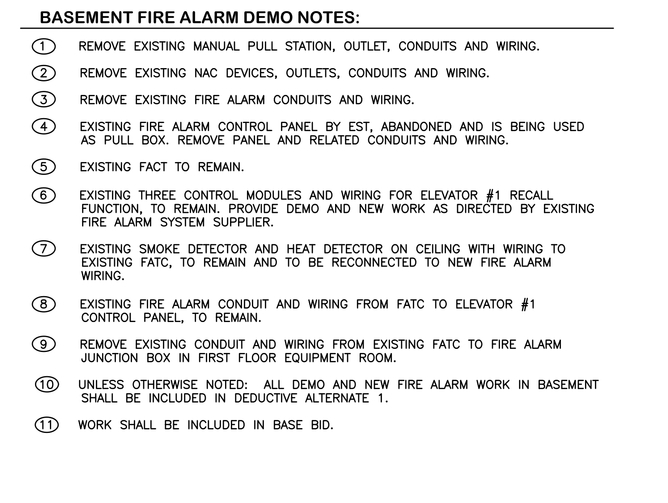
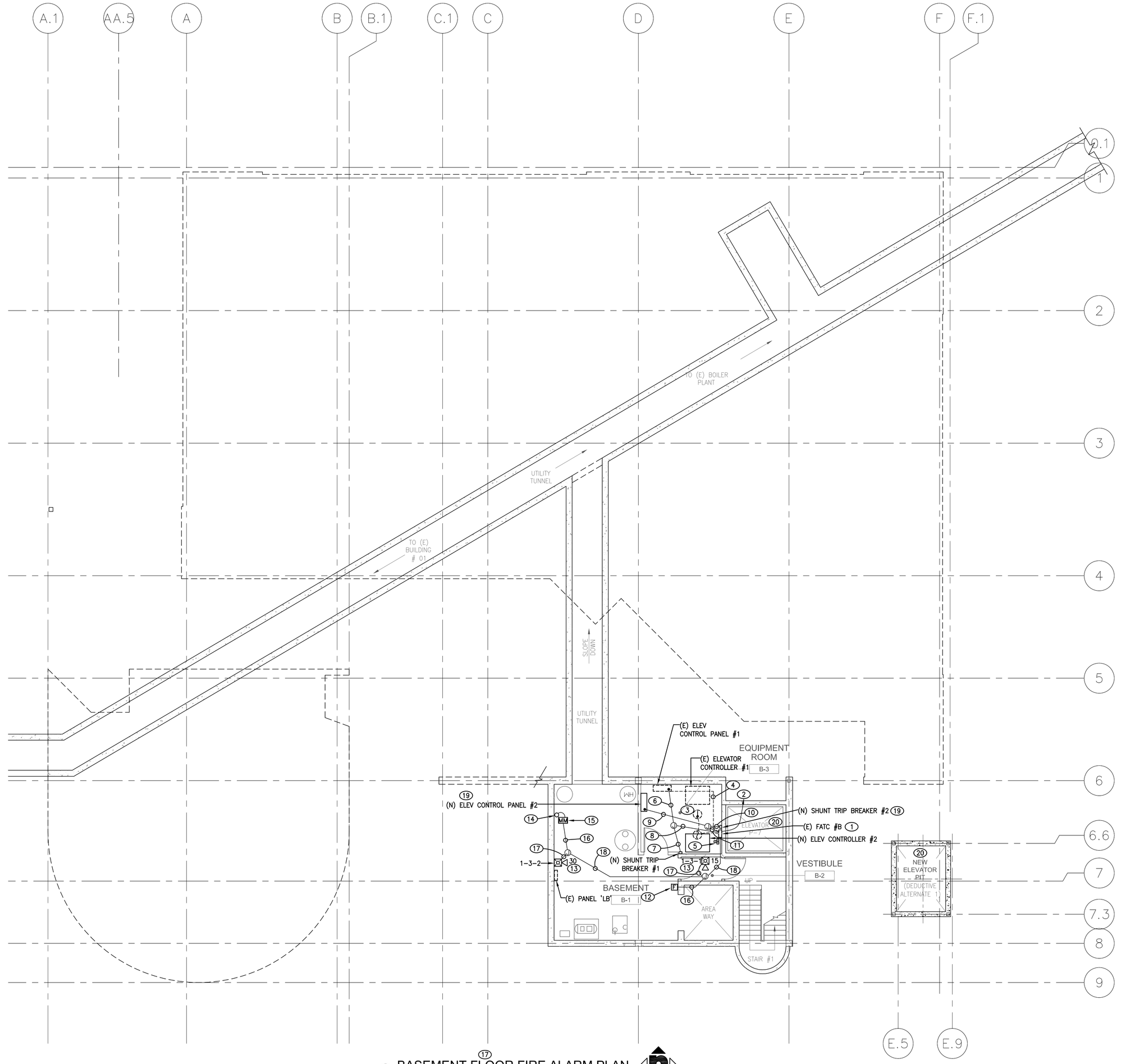
BASEMENT FIRE ALARM DEMO NOTES:

1. REMOVE EXISTING MANUAL PULL STATION, OUTLET, CONDUITS AND WIRING.
2. REMOVE EXISTING NAC DEVICES, OUTLETS, CONDUITS AND WIRING.
3. REMOVE EXISTING FIRE ALARM CONDUITS AND WIRING.
4. EXISTING FIRE ALARM CONTROL PANEL BY EST, ABANDONED AND IS BEING USED AS PULL BOX. REMOVE PANEL AND RELATED CONDUITS AND WIRING.
5. EXISTING FACT TO REMAIN.
6. EXISTING THREE CONTROL MODULES AND WIRING FOR ELEVATOR #1 RECALL FUNCTION, TO REMAIN. PROVIDE DEMO AND NEW WORK AS DIRECTED BY EXISTING FIRE ALARM SYSTEM SUPPLIER.
7. EXISTING SMOKE DETECTOR AND HEAT DETECTOR ON CEILING WITH WIRING TO EXISTING FATC, TO REMAIN AND TO BE RECONNECTED TO NEW FIRE ALARM WIRING.
8. EXISTING FIRE ALARM CONDUIT AND WIRING FROM FATC TO ELEVATOR #1 CONTROL PANEL, TO REMAIN.
9. REMOVE EXISTING CONDUIT AND WIRING FROM EXISTING FATC TO FIRE ALARM JUNCTION BOX IN FIRST FLOOR EQUIPMENT ROOM.
10. UNLESS OTHERWISE NOTED: ALL DEMO AND NEW FIRE ALARM WORK IN BASEMENT SHALL BE INCLUDED IN DEDUCTIVE ALTERNATE 1.
11. WORK SHALL BE INCLUDED IN BASE BID.



2 BASEMENT FLOOR FIRE ALARM DEMOLITION PLAN (10)
1/8" = 1'-0"



1 BASEMENT FLOOR FIRE ALARM PLAN (17)
1/8" = 1'-0"

BASEMENT FIRE ALARM PLAN NOTES:

1. EXISTING FATC TO REMAIN. PROVIDE NEW NAMEPLATE PER PLAN.
2. RUN ONE 1-1/4"C WITH ONE "A" CABLE, 2#12 (24VDC), 4#12 (NAC #1-3) TO FATC #1C IN FIRST FLOOR EQUIPMENT ROOM.
3. EXISTING SMOKE DETECTOR, HEAT DETECTOR AND WIRING TO FATC TO REMAIN.
4. EXISTING CONDUIT AND WIRING FROM FATC TO ELEVATOR CONTROL PANEL #1, TO REMAIN.
5. EXISTING THREE ADDRESSABLE CONTROL MODULE FOR ELEVATOR #1 RECALL, TO REMAIN. PROVIDE ADDITIONAL MODULES AS FOLLOW. PROVIDE RELAYS AND RUN NEW CONDUITS AND WIRING AS DIRECTED BY FIRE ALARM SYSTEM SUPPLIER TO SHUNT TRIP BREAKERS, CONTROLLERS AND FATC. SHUNT TRIP CONTROL MODULES SHALL BE INSTALLED WITHIN 3-FT OF RESPECTIVE SHUNT TRIP BREAKER.
   (1) ONE MONITOR MODULE FOR ELEVATOR #1 RECALL SIGNAL TO INITIATE SHUNT TRIP.
   (2) ONE MONITOR MODULE FOR ELEVATOR #1 SHUNT TRIP POWER.
   (3) ONE CONTROL MODULE FOR ELEVATOR #1 SHUNT TRIP ACTIVATION.
   (4) ONE MONITOR MODULE FOR ELEVATOR #2 PRIMARY RECALL.
   (5) ONE MONITOR MODULE FOR ELEVATOR #2 ALTERNATE RECALL.
   (6) ONE MONITOR MODULE FOR ELEVATOR #2 RECALL SIGNAL TO INITIATE SHUNT TRIP.
   (7) ONE MONITOR MODULE FOR ELEVATOR #2 SHUNT TRIP POWER.
   (8) ONE CONTROL MODULE FOR ELEVATOR #2 SHUNT TRIP ACTIVATION.
6. 3/4"C – 2#14 (RECALL SIGNAL FOR SHUNT TRIP #1).
7. 3/4"C – 2#14 (SHUNT TRIP #1 POWER MONITOR), 2#14 (SHUNT TRIP #1 ACTIVATION).
8. 3/4"C – 6#14 TO FATC.
9. 3/4"C – 6#14 (ELEV #2 RECALLS AND RECALL SIGNAL FOR SHUNT TRIP).
10. 3/4"C – 2#14 (SHUNT TRIP #2 POWER MONITOR), 2#14 (SHUNT TRIP #2 ACTIVATION).
11. 3/4"C – 10#14 TO FATC.
12. PROVIDE NEW ADDRESSABLE PULL STATION.
13. PROVIDE NEW NAC DEVICES.
14. VERIFY LOCATION OF FIRE SPRINKLER FLOOR CONTROL ASSEMBLY IN FIELD.
15. PROVIDE MONITOR MODULE WITH WIRING TO CONNECT WATERFLOW SWITCH.
16. 3/4"C – ONE "A" CABLE.
17. 3/4"C – 4#12.
18. 3/4"C – ONE "A" CABLE. 4#12.
19. ALL FIRE ALARM WORK FOR NEW ELEVATOR #2 SHALL BE INCLUDED IN DEDUCTIVE ALTERNATE 1.
20. FIRE ALARM CONTRACTOR AND ELECTRICAL CONTRACTOR SHALL COORDINATE FIRE ALARM SYSTEM INSTALLATION WITH FIRE SPRINKLER INSTALLER AND ELEVATOR AHJ TO DETERMINE IF FIRE ALARM DEVICES ARE TO BE INSTALLED IN THE ELEVATOR PITS. NOTIFY COTR OF ANY ADDITIONAL WORK.

GENERAL FIRE ALARM SYSTEM NOTES:

1. EXISTING BLDG CURRENTLY HAS A MANUAL FIRE ALARM SYSTEM. SCOPE OF FIRE ALARM WORK IS TO EXTEND THE EXISTING MANUAL FIRE ALARM PER CURRENT NFPA 101 AND ADA REQUIREMENT.
2. EXISTING FIRE ALARM SYSTEM CONSISTS OF A SIMPLEX #4100 ADDRESSABLE FIRE ALARM CONTROL PANEL WITH SIMPLEX ADDRESSABLE INITIATION DEVICES AND NAC DEVICES. ALL NEW DEVICES SHALL BE AS MANUFACTURED BY SIMPLEX, COMPATIBLE WITH THE EXISTING #4100 FIRE ALARM SYSTEM.
3. FIRE ALARM SYSTEM SUPPLIER SHALL ASSIST ELECTRICAL CONTRACTOR IN THE DEMO FIRE ALARM WORK AND NEW FIRE ALARM WORK TO ACCOMMODATE PHASING OF THE PROJECT.
4. ALL PROGRAMMING AND TESTING AS REQUIRED FOR A COMPLETE OPERABLE MANUAL FIRE ALARM SYSTEM SHALL BE DONE BY EXISTING FIRE ALARM SYSTEM SUPPLIER AND ALL COST SHALL BE INCLUDED IN THE CONTRACT.
5. CONTRACTOR SHALL PROVIDE NEW SUPPORT PER CODE FOR ALL EXISTING FIRE ALARM CONDUITS THAT REMAIN, IN ATTIC OR SURFACE MOUNTED ON CEILINGS AND WALLS.

Revisions	Date

CONSULTANTS:

REGISTERED PROFESSIONAL ENGINEER — CERTIFIED INSPECTOR — E - 10411 ELECTRICAL REN. 09-30-14 — STATE OF CALIFORNIA

LP Consulting Engineers, Inc.
895 W. Ashlan Ave, Suite 101 Clovis, CA 93612
p 559-432-1249 - f 559-432-1625
www.lpengineers.com
Job #: 10-1096

LICENSED ARCHITECT — CLAY S. HMC — No. C-21897 — REN. 07-31-15 — STATE OF CALIFORNIA

ARCHITECT/ENGINEERS:

HMC Architects
1827 E. Fir Avenue, Studio 103 / Fresno, CA 93720
T 559 322 2444 / www.hmcarchitects.com

Drawing Title: BASEMENT FLOOR FIRE ALARM PLAN
Approved Project Director:
Project Title: BUILDING 24 SEISMIC CORRECTION AND ADDITION
Location: VAMC FRESNO, CA
Date: March 12, 2013 | Checked: PK | Drawn: PK/LS
Project Number: 570-215
Building Number: 24
Drawing Number: ESB03
Dwg. 166 of 180

Office of Construction and Facilities Management
Department of Veterans Affairs

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