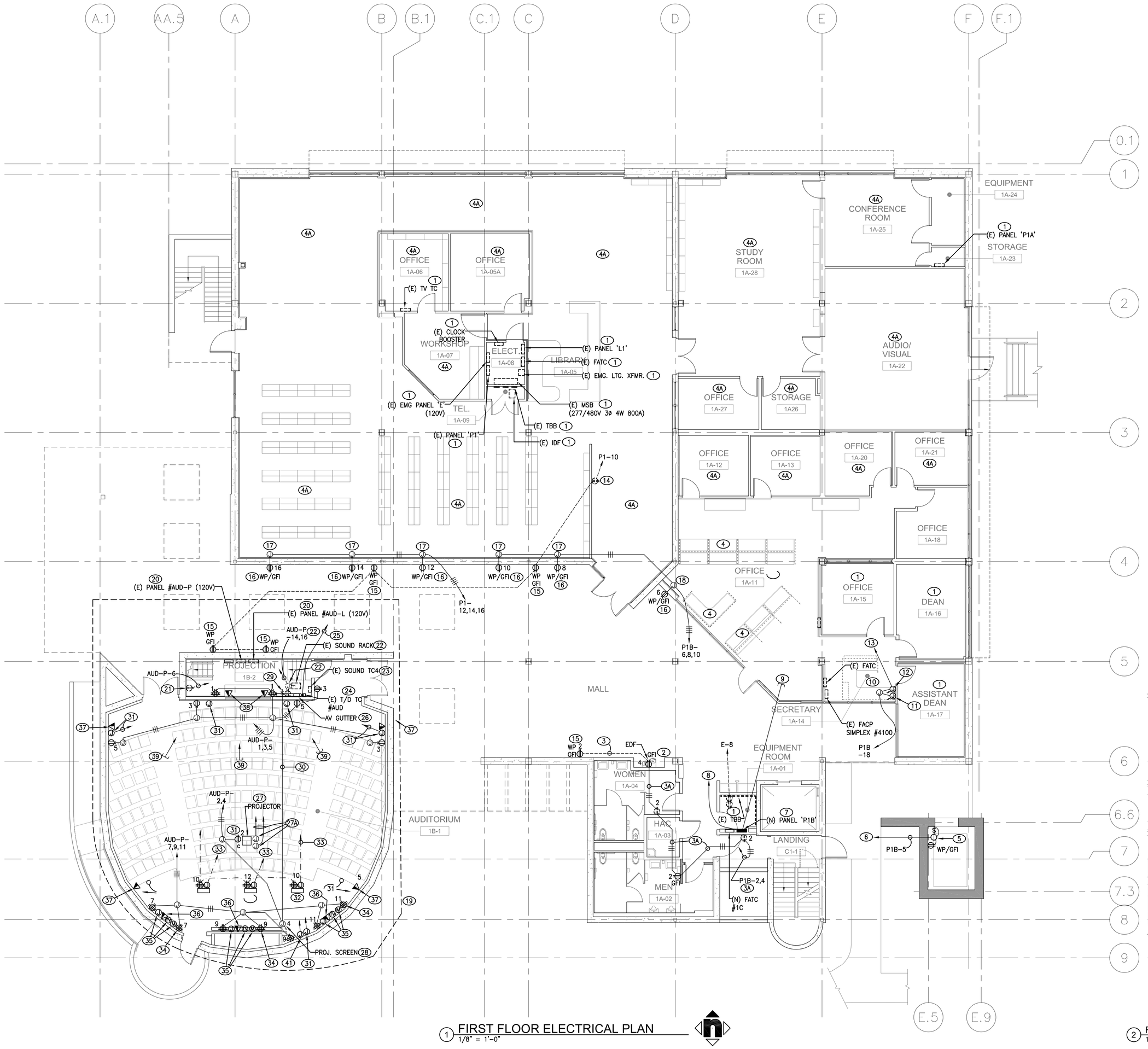
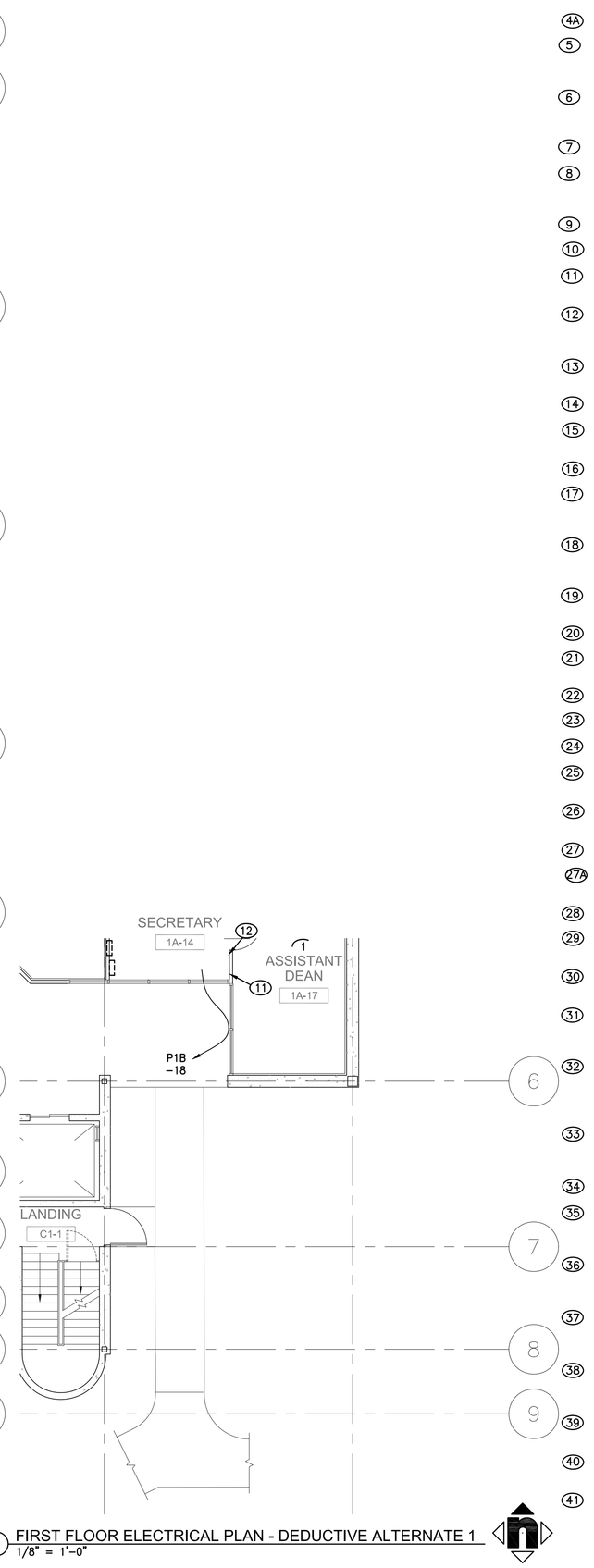


1 FIRST FLOOR ELECTRICAL PLAN
1/8" = 1'-0"



2 FIRST FLOOR ELECTRICAL PLAN - DEDUCTIVE ALTERNATE 1
1/8" = 1'-0"

FIRST FLOOR ELECTRICAL PLAN NOTES:

1. UNLESS OTHERWISE NOTED, EXISTING ELECTRICAL TO REMAIN.
2. PROVIDE NEW GFI RECEPTACLE FOR NEW ELECTRIC DRINKING FOUNTAIN. VERIFY RECEPTACLE LOCATION WITH EDF SUPPLIER. PROVIDE NEW CONDUITS AND WIRING AS REQUIRED TO CONNECT NEW AND EXISTING CIRCUIT.
3. PROVIDE NEW CONDUITS AND WIRING TO RECONNECT EXISTING BRANCH CIRCUIT. VERIFY WORK REQUIRED IN FIELD.
3A. RUN NEW CONDUITS AND WIRING TO CONNECT EXISTING AND NEW RECEPTACLES.
4. RECONNECT EXISTING WORK STATION TO EXISTING POWER AND TEL/DATA CONNECTION. VERIFY WORK REQUIRED IN FIELD. PROVIDE NEW CONDUITS AND WIRING AS REQUIRED.
4A. SEE ELECTRICAL DEMO PLANS FOR WORK ON EXISTING OUTLETS.
5. PROVIDE NEW LIGHT AND SWITCH AND RECEPTACLE IN ELEVATOR PIT, AS DIRECTED BY ELEVATOR SUPPLIER. LIGHT SHALL BE WALL MOUNTED COMPACT FLUORESCENT WITH GLOBE AND GUARD, HUBBELL #NV2FG42BSG OR EQUAL.
6. RUN 3/4"C WITH 2#12 + 1#12 GROUND TO NEW PANEL "P1B". RUN IN FIRST FLOOR ATTIC. VERIFY ROUTING IN FIELD. PROVIDE ACCESSIBLE PULL BOXES AS REQUIRED.
7. PROVIDE NEW PANEL. SURFACE MOUNT ON WALL.
8. RUN FEEDER PER LINE DIAGRAM TO EXISTING DISTRIBUTION PANEL "DP" IN SECOND FLOOR ELECTRICAL ROOM. VERIFY ROUTING IN FIELD. PROVIDE ACCESSIBLE PULL BOXES AS REQUIRED.
9. STUB ONE 1-1/2"C WITH PULL WIRE FROM PANEL UP INTO ACCESSIBLE ATTIC.
10. VERIFY CONNECTION LOCATION OF ELECTRIFIED FURNITURE PANEL IN FIELD.
11. PROVIDE POWER JUNCTION BOX IN WALL. RUN 3/4" FLEX WITH 2#12 + 1#12 GROUND TO CONNECT FURNITURE PANEL.
12. PROVIDE TEL/DATA JUNCTION BOX IN WALL. PROVIDE TWO TEL/DATA OUTLETS IN PANEL. RUN ONE 1-1/4" FLEX WITH FOUR DATA CABLES TO CONNECT TEL/DATA OUTLETS IN PANEL. ROUTE CABLES IN PANEL CHASES.
13. RUN ONE 1-1/4"C WITH FOUR DATA CABLES TO EXISTING IDF AND TEL BACKBOARD.
14. EXISTING RECEPTACLE AND WIRING TO REMAIN.
15. REPLACE EXISTING RECEPTACLE WITH WP/GFI RECEPTACLE WITH WP PLATE AND COVER. RECONNECT EXISTING WIRING.
16. NEW WP/GFI RECEPTACLE IN SURFACE FS BOX. MOUNT ON WALL AT +24" AFF.
17. PROVIDE JUNCTION BOX IN ATTIC FOR BRANCH CIRCUIT WIRING. PROVIDE JUNCTION BOX IN NEW FURRED WALL AT +24". RUN 3/4"C THROUGH EXTERIOR BLOCK WALL TO NEW SURFACE BOX ON WALL.
18. PROVIDE JUNCTION BOX IN ATTIC FOR BRANCH CIRCUIT WIRING. PROVIDE JUNCTION BOX IN NEW FURRED WALL AT +24". RUN 3/4"C IN EXTERIOR WALL TO NEW FLUSH OUTLET IN WALL.
19. NEW ELECTRICAL WORK IN AUDITORIUM SHALL BE INCLUDED IN DEDUCTIVE ALTERNATE 4.
20. EXISTING PANELS TO REMAIN AND TO BE REUSED.
21. EXISTING RECEPTACLE AND HOMERUN TO PANEL TO REMAIN. CONNECT TO CIRCUIT IN PANEL AS INDICATED.
22. EXISTING SOUND RACK, RECEPTACLES AND WIRING TO REMAIN.
23. EXISTING SOUND TC TO REMAIN.
24. PROVIDE NEW TED/DATA TC, 12"W X 18"H X 6"D WITH HINGED DOOR.
25. RUN TWO 2"C WITH CABLES TO EXISTING TEL BACKBOARD AND IDF ON FIRST FLOOR.
26. PROVIDE 4" X 4" X 36" GUTTER ON WALL AT CEILING AT SOUND RACK LOCATION FOR OWNER'S AV CABLING. RUN TWO 2" WITH PULL WIRE TO NEW T/D TC.
27. LOCATE RECEPTACLE IN CEILING FOR PROJECTOR, AS DIRECTED BY COTR.
27A. AT PROJECTOR LOCATION, PROVIDE TWO JUNCTION BOXES IN CEILING. RUN TWO 1-1/4"C FROM EACH JUNCTION BOX TO AV GUTTER IN CONTROL ROOM.
28. CONNECT MOTORIZED PROJECTION SCREEN.
29. CONTROL SWITCH FOR SCREEN SHALL BE FURNISHED BY SUPPLIER, INSTALLED BY CONTRACTOR. LOCATE AS DIRECTED BY COTR.
30. RUN 3/4"C WITH CONTROL WIRING TO SCREEN CONTROLLER, AS DIRECTED BY SUPPLIER.
31. PROVIDE JUNCTION BOX WITH 1-GANG BLANK PLATE IN WALL AT +15" FOR FUTURE MICROPHONE JACK OR AV DEVICE. RUN ONE 1-1/4"C WITH PULL WIRE TO AV GUTTER.
32. VERIFY LOCATION OF FLOOR BOXES WITH COTR. FLOOR BOXES SHALL BE WIREMOLD EVOLUTION SERIES OR EQUAL. #EFB8S WITH TWO DUPLEX RECEPTACLES AND PROVISION FOR SIX COMBINATION TEL/DATA AND AV DEVICES. RUN FROM EACH POWER COMPARTMENT ONE 1"C SPARE WITH PULL WIRE TO PANEL AUD-P.
33. RUN FROM FLOOR BOX COMMUNICATION COMPARTMENTS ONE 1-1/4"C WITH THREE DATA CABLES TOT/D TC. CONTINUE TO EXISTING TEL BACKBOARD AND IDF; TWO 2"C WITH PULL WIRES TO AV GUTTER.
34. PROVIDE RECEPTACLE FOR FUTURE SMARTBOARD. VERIFY LOCATION WITH COTR.
35. PROVIDE JUNCTION BOXES, 4-11/16" X 2-1/8"D WITH 1-GANG BLANK PLATES FOR FUTURE SMARTBOARD. VERIFY LOCATION WITH COTR. RUN ONE 1-1/4"C WITH PULL WIRE FROM EACH OUTLET TO AV GUTTER IN PROJECTION ROOM.
36. PROVIDE TEL/DATA OUTLETS FOR FUTURE SMARTBOARD. VERIFY LOCATION WITH COTR. RUN ONE 1-1/4"C WITH THREE DATA CABLES TO T/D TC IN PROJECTION ROOM. CONTINUE TO EXISTING TEL BACKBOARD AND IDF.
37. PROVIDE TEL/DATA OUTLETS IN WALL AT +15". RUN ONE 1-1/4"C WITH THREE DATA CABLES TO T/D TC IN PROJECTION ROOM. CONTINUE TO EXISTING TEL BACKBOARD AND IDF.
38. PROVIDE TEL/DATA OUTLETS IN WALL AT +15" AT CONTROL STATION. RUN ONE 1-1/4"C WITH THREE DATA CABLES TO T/D TC. CONTINUE TO EXISTING TEL BACKBOARD AND IDF.
39. STUBUP FROM AV GUTTER TWO 2"C WITH PULL WIRE INTO ATTIC, AS DIRECTED BY COTR.
40. STUBUP FROM PANEL AUD-P ONE 1-1/4"C WITH PULL WIRE INTO ATTIC, AS DIRECTED BY COTR.
41. PROVIDE JUNCTION BOX, 4-11/16" X 2-1/8"D WITH 1-GANG BLANK PLATE IN WALL AT +15". RUN ONE 1-1/4"C WITH PULL WIRE TO PANEL AUD-P.

Revisions:	Date

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Drawing Title: FIRST FLOOR ELECTRICAL 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: ES102

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Office of Construction and Facilities Management

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