

Summary of Modifications/Changes in this Update

This Summary of Changes is for information only.
It is not a part of the referenced document, and should not be used for project documentation.

U.S. Department of Veterans Affairs ♦ Office of Construction & Facilities Management

DATE OF THIS VERSION:

December 1, 2019

TITLE OF DOCUMENT:

Electrical Design Manual

DATE OF VERSION BEING SUPERSEDED (old):

December 1, 2015

DESCRIPTION OF DOCUMENT (previous title, number, other identifying data):

Electrical Design Manual for New Hospitals, Replacement Hospitals, Ambulatory Care, Clinical Additions, Energy Centers, Outpatient Clinics, Animal Research Facilities, Laboratory Buildings

SUMMARY OF CHANGES IN THIS VERSION:

Major Changes made in this version:

1. Section 1.1: Revised to provide clarity and consistency with VA latest terminologies. Included a process for deviation request.
2. Section 1.3: Revised to reflect the definition of AHJ from Veterans Health Administration (VHA)'s Office of Capital Asset Management Engineering and Support (OCAMES).
3. Section 1.5.5 (Note): Revised to provide clarity.
4. Section 1.5.8 (Purpose): Revised to provide clarity.
5. Section 1.7.1: Deleted sub-section (j) – Telecommunication Infrastructure Design.
6. Section 1.9.2: Replaced "Signal or Other Plans" with "Other Plans".
7. Section 1.14.10: Revised to provide clarity.
8. Section 1.14.12(a) & (b): Revised to provide clarity.
9. Section 2.1: Revised to provide clarity.
10. Section 2.1.2(a) & (b): Revised to provide clarity.
11. Section 2.1.4: Revised to make floor duct an option for administrative areas.
12. Section 2.1.5: Replaced "Radiology" with "Imaging" to reflect latest terminology.

13. Section 2.1.5(a) & (b): Revised to provide clarity.
14. Section 3.1(a): Revised to provide clarity.
15. Section 3.4.2(b)(2): Revised to provide clarity.
16. Section 3.4.3: Replaced PBPU with PBSW.
17. Section 3.4.6(f): Revised to provide clarity.
18. Section 3.4.8: Revised to change corridor receptacle distance to 15 M (50 ft) spacing and within 7.62 M (25 ft) of corridor ends.
19. Section 4.4.1: Revised to provide clarity in types of generator as required by VHA's OCAMES.
20. Section 4.4.5(c): Revised to include this section.
21. Section 4.6.3(a): Revised to include this section.
22. Section 4.8.1: Replaced "Type 3 Loads" with "Alternate Source of Power".
23. Section 4.8.2: Deleted.
24. Section 4.10.2(a): Revised to provide clarity.
25. Section 5.1(b) & (c): Revised to provide clarity.
26. Section 5.2.2(a): Revised to provide clarity.
27. Section 5.3.3(b): Revised to provide clarity.
28. Section 5.3.4(b): Revised to provide clarity.
29. Section 5.5.1(d): Revised to provide clarity.
30. Section 5.5.1(i): Revised to provide clarity.
31. Section 5.7: Revised to provide clarity.
32. Section 6.2: Revised title and content to match latest terminology to be consistent with VA Master Specification Section 10 25 13. Revised to provide clarity.
33. Section 6.3: Revised to provide consistency.
34. Section 6.3(a)(b): Revised title.
35. Section 6.3(c): Deleted.
36. Section 6.4: Revised title.
37. Section 6.5: Revised title and updated Table 6.5.
38. Index: Deleted.