

Contract Document Revisions - Addendum No. 4

SUBJECT

Centers For Ambulatory Care, Polytrauma and Blind Rehabilitation – **Loop Road & Site Utilities, and Radiology Consolidation**

PROJECT

October 28, 2013

DATE

640-424

VA PROJECT NO.

This Addendum is issued for changes to the Site Electrical System. This narrative describes what is changed in the Drawings.

Specifications are revised as indicated.

Drawing Revisions:

Loop Road
Site Utilities

Civil

C0.1.1 Added Utility Note 12 regarding 1-1/2" storm force mains from electrical power vaults

Electrical

- ES1.1.1** Enlarged Electrical Site Plan is revised.
1. New pull boxes PB-37B-S1, PB-36B-S1, and PB-33B-S1 have been added adjacent to manholes PMH-37, PMH-36, PMH-33 to provide separation for the feeders from Substation SS-1.
 2. Additional duct bank has been provided for feeders from Substation SS1. Refer to new Sheet Note 2.12. These ducts enter the new pull boxes identified in item 1 above.
- ES1.1.2** Enlarged Electrical Site Plan is revised
1. New pull boxes PB38B-S1 and BP-37B-S1 have been added adjacent to manholes PMH-38 and PMH-37 to provide separation for the feeders from Substation SS-1.
 2. Additional duct bank has been provided for feeders from Substation SS1. Refer to new Sheet Note 2.24. These ducts enter the new pull boxes identified in item 1 above.
- ES1.3.1** Enlarged Electrical Site Plan is revised to show vault power connections to new electrical pullboxes
- ES1.3.2** Enlarged Electrical Site Plan is revised to show vault power connections to new electrical pullboxes
- ES7.1.1** Detail is revised
1. Detail 54: Type A Duct Bank Detail has been modified to show additional ducts for the SS1 feeders where shown on plans.
- ES7.1.2** Detail is revised
1. Detail 30: Sump pumps and electrical convenience outlets are added to pull boxes
- ES7.1.3** Revised ECC Connection Diagrams and Vault Power Connection Diagram to include new electrical pullboxes
- ES7.1.4** Revised Panel Schedule for Panel 'Vault Power' to add receptacle and sump pump

- circuits for new electrical pullboxes.
- EP5.1.2 Single Line Diagram is revised for SS-1
1. Separate pull boxes have been provided for the feeders from Substation 1 at selected locations where the feeders previously were routed through the same manholes as the Substation 2 feeders. The manhole designations have been changed to the new pull box designations: PB-38B-S1, PB-37B-S1, PB-36B-S1, PB-33B-S1
 2. Future feeder designation to future Mission Critical buildings VMU and GENO has been changed. Future feeder extension of SS2S-F1 will not share any manholes or pull boxes with SS-1 feeders and will have more than 100 foot separation from the SS1N-F6 feeder to comply with Mission Critical requirements.
- EP5.1.4 Single Line Diagram is revised for SS-2.
1. Connection point for extensions of Feeders F2 and F6 have been changed from the Substation SS-2 circuit breakers to manhole PMH-16A.
 2. Future extension of Feeder F1 from manhole PMH-16 to PMH-43 to serve future Mission Critical buildings VMU and GENO has been show as dashed line to illustrate the strategy to meet Mission Critical requirements for these buildings.
 3. Empty conduits from PMH-44 to Substation SS2 have been identified.
 4. Sheet Note 5.01 has been modified to indicate new feeder in new duct bank.

Drawing Revisions:

Radiology

Consolidation

Civil

C0.1.1 Added Utility Note 14 regarding 1-1/2" storm force mains from electrical power vaults

Specifications:

Loop Road

Site Utilities

334000 PVC pipe and fittings for 1-1/2" storm force main specified

Radiology

Consolidation

000115.01 List Of Drawing Sheets- revised with addenda noted

334000 PVC pipe and fittings for 1-1/2" storm force main specified