ADDENDUM

GENERAL

a. All portions of this addendum shall be incorporated into all parts of the above specifications.

1. All current EMU general electrical specs shall be followed. Any discrepancies between the March 17, 2008 Eastern Michigan University Design and Construction Standards and any other portions of this specification body shall be addressed with the owner.

2. Only "Heavy Duty" rated disconnects are permitted.

3. Copper buss only permitted in all transformers, panels, gear, disconnects and distribution.

4. No “SO” type cord- and- plug connected light fixtures shall be allowed.

5. A complete set of electrical as-built drawings are to be submitted at the end of the project.

6. MC Cable, “daisy chaining” of light fixtures shall not be permitted.

7. MC Cable home runs shall not be permitted.

8. MC Cable shall only be used to fish an existing wall or cavity and not be used in new walls.

9. Pilot light type switches are to be used in all mechanical & electrical rooms and electrical closets.

10. Lights in all electrical rooms and closets shall have emergency battery backup.

11. Dedicated neutrals shall be installed.

12. All raceways shall be 3/4” minimum conduit.

13. Proper wire colors are to be used for the installation of circuits as follows:
   14. 120/208 volt - black, red, blue & white
   15. 277/480 volt - brown, orange, yellow & gray.

16. Stainless steel cover plates shall be installed on all devices.

17. Only bolt-in type branch circuit breakers shall be permitted in all panel boards.

18. Circuit identification of all branch circuit conductors, and identification of all new and existing receptacle and switch cover plates.


20. Panic hardware (NO LEVER HANDLES) installed on all new or existing doors that leave the electrical substation’s or closets in the correct path of egress.
21. Panels should have 30% space for future growth with spare breakers installed.

22. New panels shall have the appropriate amount of spare conduits installed in new or existing walls, stubbed out to an accessible ceiling space.

23. All electrical gear, transformers etc. shall be installed on raised poured pads.

24. All new or reworked junction boxes with a size of 2 ft. x 2 ft. and larger shall be installed with a hinged cover.

25. New receptacle(s) shall be installed as follows: their grounds are in the up position when vertically installed or to the left with the neutral facing up when horizontally installed.

26. Install bushings on all feeder conduits with conductors of sizes #8 and larger. Use bushings on all RMC or IMC installations. Use bonding bushings where necessarily.

27. Clean all branch circuit panels that serve existing and new loads, all panels may not necessarily be located within the immediate construction area.

28. Identify all device cover plates as to their panel source and circuit Id with the use of a Brady or equivalent labeler, no handwritten tags shall be used.

29. Red dyed concrete shall be used for all duct bank installations.

30. All new outside lighting shall be LED unless otherwise approved with the owner. The EMU Electrical Shop has the most current standards used on campus outside lighting.

31. All interior lighting shall be Lithonia Lighting unless otherwise approved by the owner.

32. All interior exit signage lettering shall be green in color.

33. G & W Switch shall have Ground Fault Indicators.

34. G & W Switch shall have dead end boots installed on all unused bushings.

35. G & W Switch shall have lightning arresters installed.

36. All new outdoor site lighting shall be LED and meet the new approved standard, see the Electrical Shop for specifications.

37. All new interior lighting shall be LED where applicable. If there is currently no LED available for a specific application other traditional lighting may be used if approved.