

**MEP Assignment. What to prepare for the next Meeting?**

1. Open the bungalow file from Revit 1, lesson 4 or MEP Lesson 10.
2. Change Level 2 to 3500mm.
3. Add flat roof, parapet, and 600x600 ceiling at 2600.
4. Add 100mm architectural floor with wood.
5. Replace Generic walls with walls that have finishes.
6. Add Rooms and Name the Rooms.
7. The room tags should display the room area and volume.
8. Save the file as Bangalow-Arch.
9. Start a new file based on the Systems template.
10. Link the Bangalow-Arch file.
11. Copy monitor, the Levels and the grids.
12. Add spaces.
13. Name the spaces using the architecture room names.
14. Add Plenum spaces.
15. Add zones.
16. Add supply and return diffusers.
17. Add AC equipment on the roof and connect it to diffusers.
18. Check for Disconnects and do duct sizing.
19. Add plumbing fixtures, a tank on the roof, a pump.
20. You may download the tank from Revitcity.com, the pumps and the valves from bimobject.com.
21. Connect the plumbing equipment with pipes and valves.
22. Do pipe sizing.
23. Add fire system.
24. Add a vent system.
25. Add lights and panels.
26. Link lights to panels.
27. Add electrical fixtures and connect to switches and panels.
28. Create relevant schedules.
29. Create relevant layouts.

During the meeting the instructor will monitor you working alternatively.  
This in-class assignment is graded.

**Final Exam**

Then, you have a week to the final online exam.

Take a screen capture of the exam results and them to your instructor by whatsapp.

Due March 1.