

ESRGRS 3.3 Release Notes

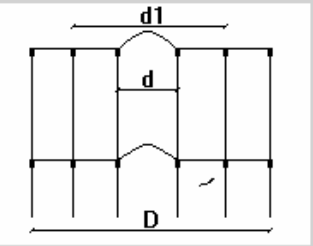


New Type of Tank Dome + Slab beam

ESR Properties

Soil Parameters | Container | Roof System | Wall | Bottom System | Staging | Foundation | Gene

| | | |
|--------------------------|--------|----------------|
| Required Capacity | 100 | m ³ |
| Full Supply Level (R.L.) | 115 | m |
| Outlet Level (R.L.) | 112 | m |
| Free Board (FB) | 0.3 | m |
| Average Grd. Lvl (RL) | 100 | m |
| Water Table Level (RL) | 90 | m |
| Uplift Design Depth | 0 | m |
| Water Depth | 3 | m |
| Inner Diameter (c/c) | 2.5 | m |
| Required Diameter (i/i) | 6.682 | m |
| Provided Diameter (i/i) | 6.75 | m |
| Available Capacity | 96.323 | m ³ |
| Container depth(SWD) | 3.4 | m |
| Dead Storage Height | 0.1 | m |



Water Density: 10 KN/m³

Material Grade:
 Concrete: M30
 Steel: Fe415

Bottom Dome Top Dome

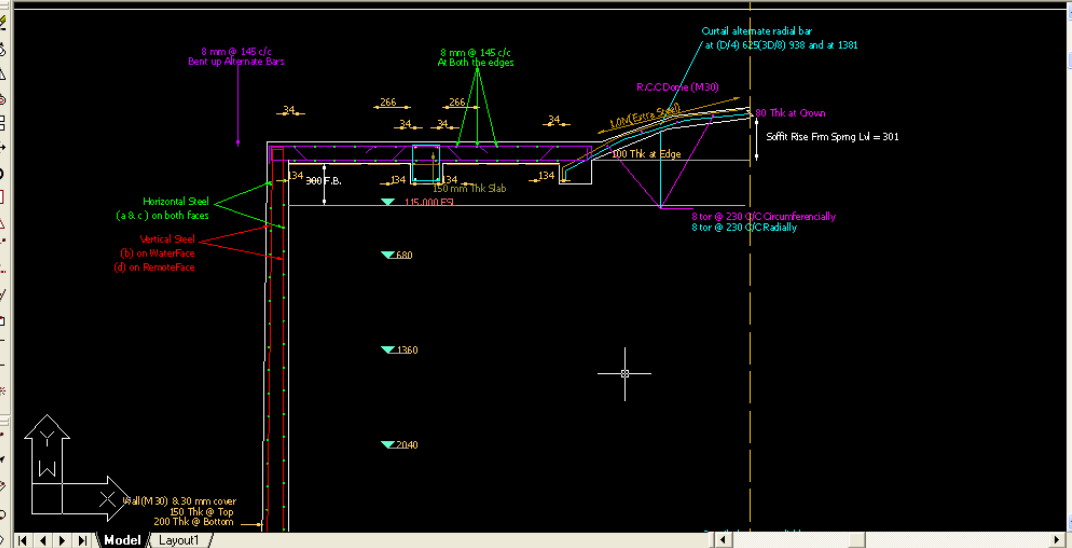
OK Cancel Apply

➤ Modeling, design and detailing of new type of tank is introduced. It contains Dome at center and normal slab beam type in the periphery

AutoCAD 2000 - [TestRCCDetails]

File Edit View Insert Format Tools Draw Dimension Modify Window Help

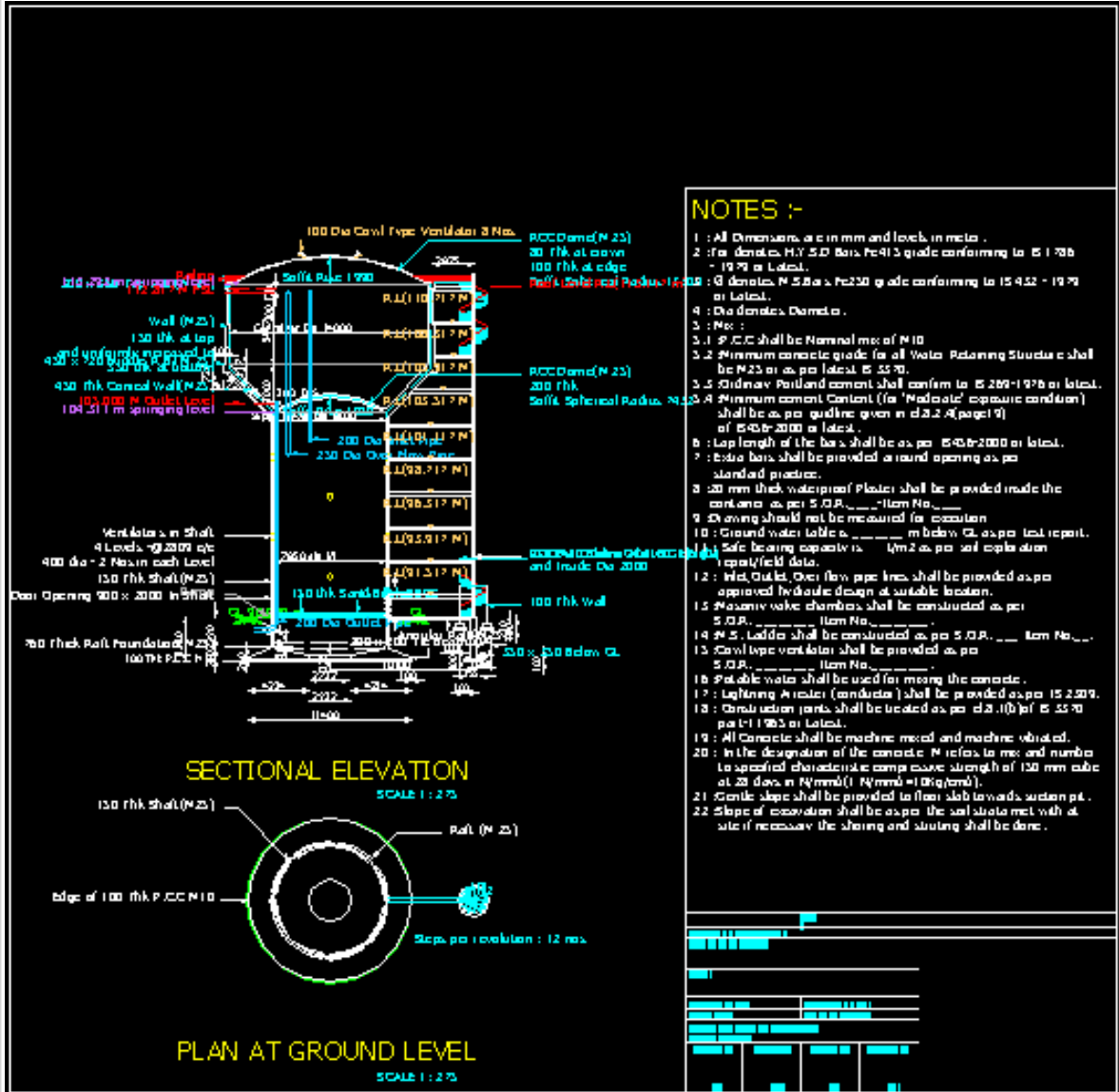
LAYOUT ByLayer Continuous ByLayer ByColor



Model Layout1

```
[All/Center/Dynamic/Extents/Previous/Scale/Window] <real time>: _w
Specify first corner: Specify opposite corner:
Command: '_zoom
Specify corner of window, enter a scale factor (nX or nXP), or
[All/Center/Dynamic/Extents/Previous/Scale/Window] <real time>: _w
Specify first corner: Specify opposite corner:
Command: '_pan
Press ESC or ENTER to exit, or right-click to display shortcut menu.
Command:
281.5642, 305.8351, 0.0000    SNAP GRID| ORTHO| POLAR| OSNAP| OTRACK| LWT| MODEL
```


DXF Detailing Output for Intze tank



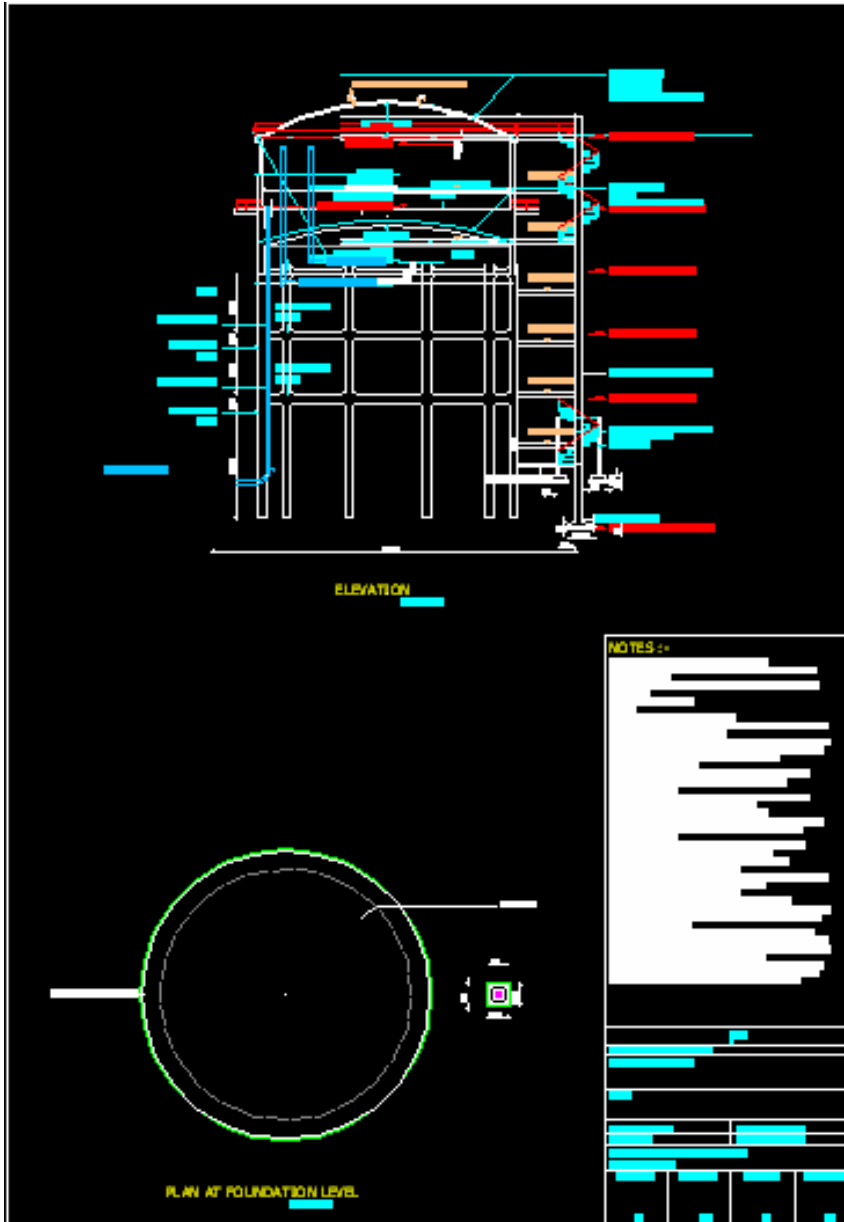
➤ Now Intze tank drawings could be opened in any version of AutoCAD

➤ New DXF format drawings could be opened without loading the arx file and doing all steps in AutoCAD.

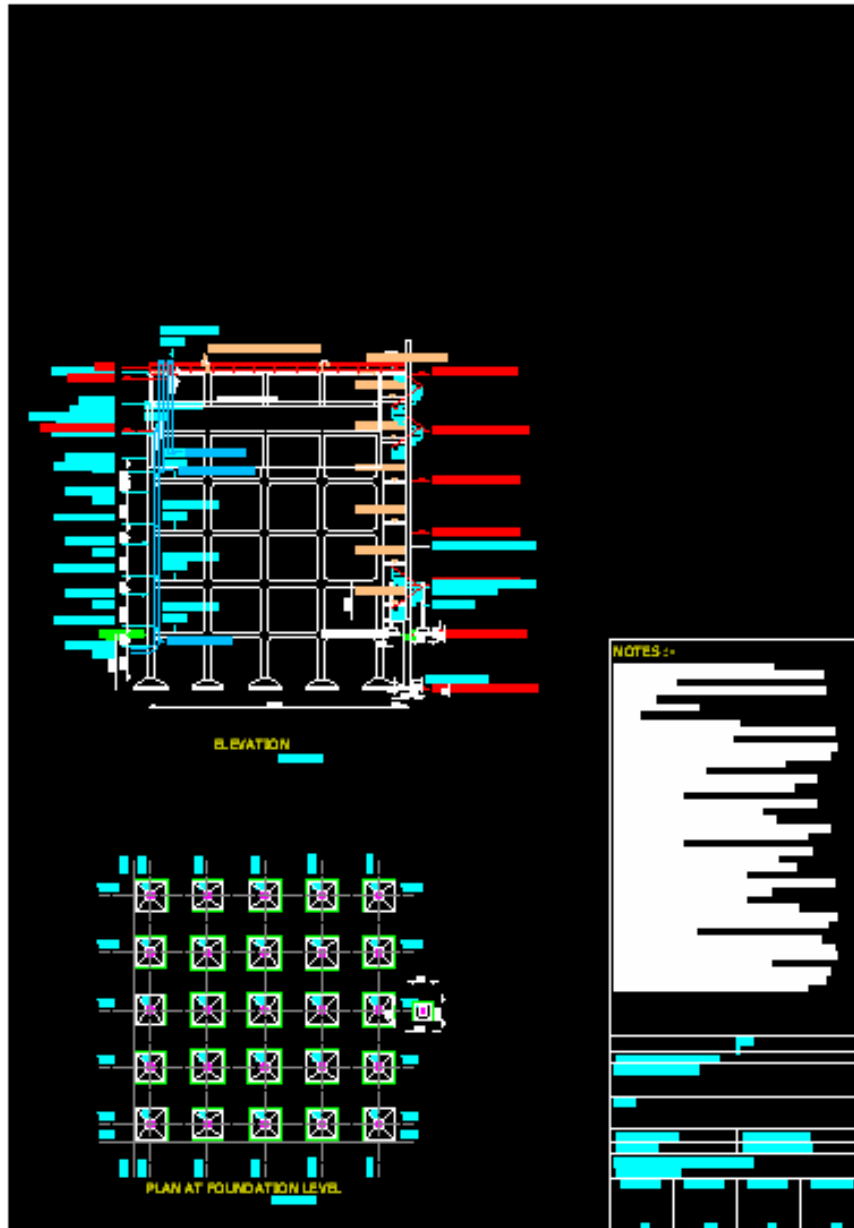




- Now the Conical tank drawings could be opened in any version of AutoCAD
- New DXF format drawings could be opened without loading the arx file and doing all steps in AutoCAD.

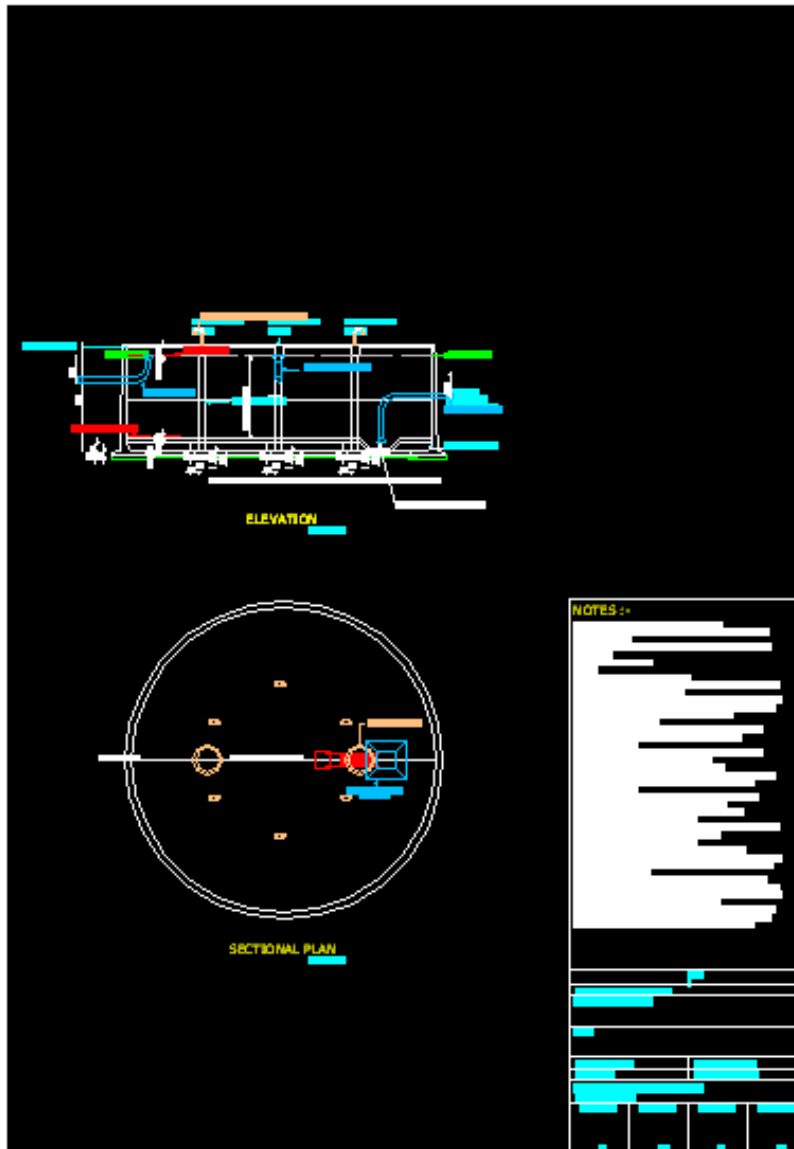


- Now the Cylindrical tank drawings could be opened in any version of AutoCAD
- New DXF format drawings could be opened without loading the arx file and doing all steps in AutoCAD.

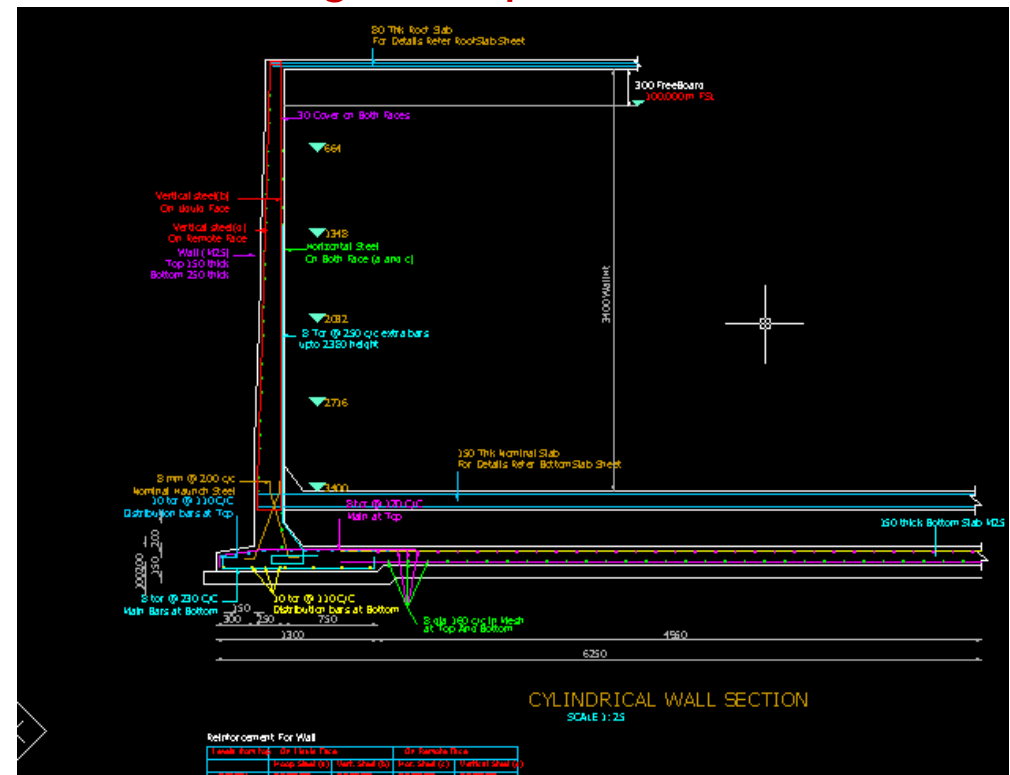


- Now the Rectangular tank drawings could be opened in any version of AutoCAD
- New DXF format drawings could be opened without loading the arx file and doing all steps in AutoCAD.

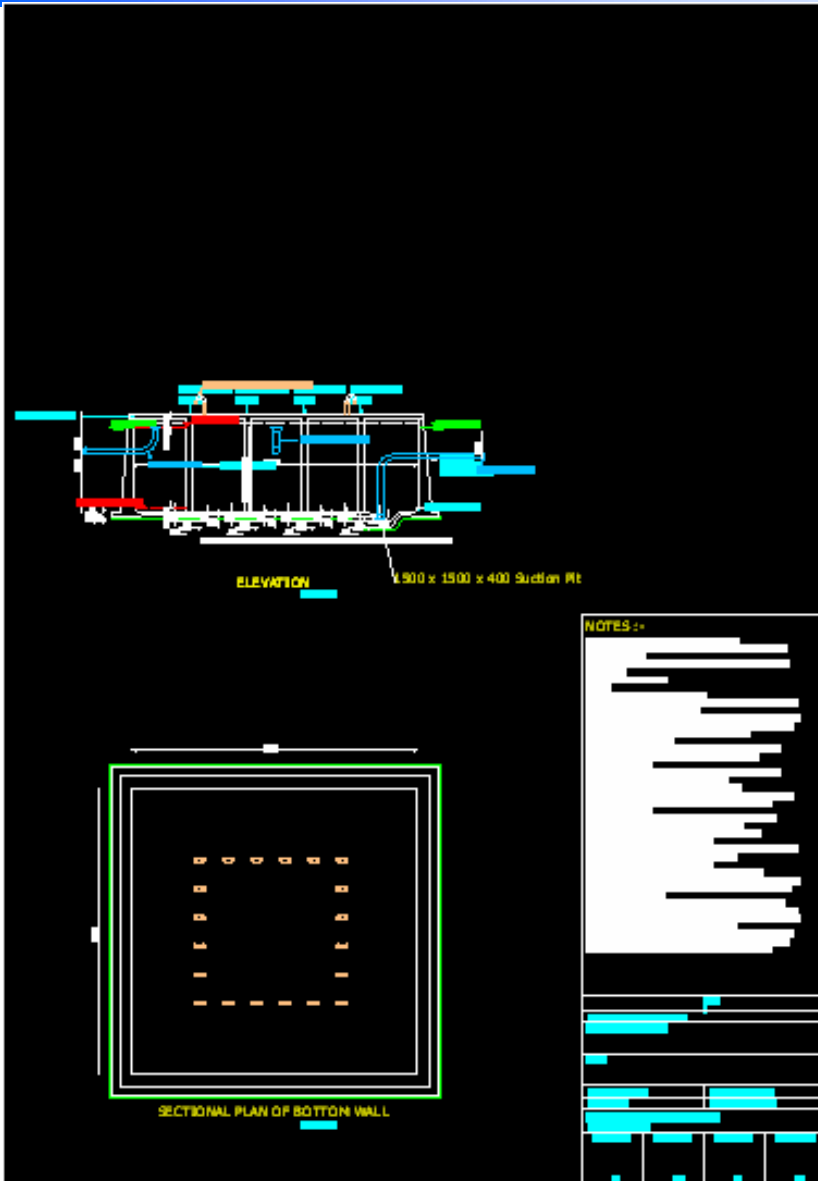
DXF Detailing Output for Cylindrical GSR tank



- Now the GSR Cylindrical type tank drawings could be opened in any version of AutoCAD
- New DXF format drawings could be opened without loading the arx file and doing all steps in AutoCAD.



DXF Detailing Output for Rectangular GSR tank



- Now the Rectangular GSR type tank drawings could be opened in any version of AutoCAD
- New DXF format drawings could be opened without loading the arx file and doing all steps in AutoCAD.

- Modifications in pile design for user defined pile capacity are made.
- Problem in editing and saving seismic and wind load parameters which was coming in earlier version is solved.

