



Design/Contract Documentation Checklist

by David Bambridge, The Gardenmakers (09.08.2022)

- Scale bar on all plans is essential to ensure no incorrect scaling occurs. Check print setup.
- Title block should detail revisions and what was revised in same.
- Choose a standard scale (1:50, 1:100,1:200) and do not opt for non -standard scale in order to fit plan info on simple to print A3 or similar sizes for design simplicity – This creates problems for construction implementation.
- Plant schedules should correspond to plan numbers on plan.
- Check planting schemes for suitable spacing/ density – The numbers of plants need to be able to fit space in pot sizes detailed – or conversely the density should be proofed so that it doesn't look like a series of isolated and lonely shrubs.
- Ensure sufficient finished levels (and referenced against current levels) are provided to be able to determine extent of works – Depths for excavation, wall heights, grading etc.
- Grading / Earthworks / Slopes/Ramps vs Step.
- Pavement levels are checked to ensure suitable surface drainage is achieved. Over land flow path drainage.
- Levels within site and adjacent new works – at boundaries should be shown to confirm works extents.
- SERVICES - Location of existing services pits, sewer and stormwater IO and grates, downpipes, meters or other elements that may affect works .
- Do not rely on colour differentiation in defining surface finishes since not all copies will be colour prints. Choose a suitable clear labelling or graphic signature.
- Define extent of areas On grade versus on slab due to different sub surface treatments. For on slab indicate slab level and finished level.
- Ensure that the materials selected are capable of being installed in the shape, curve, orientation designed.
- Decorative pebbles- ensure that the selected pebble is not prohibitively expensive (*and therefore rejected or substituted at a later stage*) for the nominated area and depth (Check qty by reference to pebble bulk density) There is an enormous difference in cost per tonne from \$100 to \$2500/ tonne. -----REFER Bulk Density tables
- Steel edge specification – depth, thickness and method of installation. There are many proprietary and fit for purpose products commercially available without the need to design detail something that may ultimately be less adequate.
- Unit pavements – be aware that sand bedded units are not suitable on concrete slab base. In that instance they should be glued or sand/ cement bedded for rigidity. Surface drainage and overland flow / flood paths to consider
- Concrete pavements – be clear on the type of surface finish, edge detail and jointing required.
- Reference and be aware of applicable standards – AS, Codes of Practice etc.----- Refer Aust Standards LIST
- Waterproofing and WPM protection.