

Module Number	GD 600 Revised July 2020
Module Title	Project 3. Rural Spatial Development
Module Leader	Duncan Heather
Lecturers	Duncan heather, John Heather, Susan Dunstall
Assignment Description	Students will be given a site survey for their final project together with images and associate information. Students will evaluate the site data, including the potential for fulfilling the client's brief and produce scale drawings to portray the site's characteristics accurately and clearly using industry-standard graphical methods and symbols. Student's will write a client brief and produce a sketch plan based on that brief. Students are expected to provide both client drawings, planning documentation and tender documentation. Some of these drawings overlap and are required for more than one purpose. This project contains the complete set of drawings and documents required to go out to competitive tender and to secure planning permission and building Regs.
M level credits	30
Module Status	Compulsory Module
Prerequisites	Pass in Design projects 1&2
Placing	Term 3
Restrictions	None
Exclusions	None
Timetable Slotting	Term 3
Content	An approach to Specification Writing Contour Manipulation Costing Projects Drainage of Paved Areas Irrigation Land Surveying Plan of Works Professional Practice & Fee Scales Setting Out Plans Site Safety Standard Draft Specifications Steps and Ramps Swimming Pool Design Tennis Court Construction Town Planning and Consents Written Communication for Professional Practice

Learning Outcomes Students will:-

- have experience of generating and compiling the full set of documents that comprise a professional garden design.
- be aware of their role in the design process and their professional relationship to both client and contractor(s).
- be able to analyse a brief, in conjunction with a site and be able to formulate a coherent design response which meet both the brief and the potential of the site
- be able to solve design and construction problems in a flexible, innovative way
- Provide full design documentation for both planning and tendering purposes
- Provide full tender and contractual documentation to support the drawings

Transferable Skills

Students will understand their role in a process that includes both client and contractor. They will be versed in communicating with both parties clearly, concisely and accurately. They will understand what skills they bring to this process as well as their limitations. They will be able to formulate a complete scheme and be able to carry it through to fruition.

Submission Date

End of Semester 2

Indicative Reading

Bradley-Hole, C., *The Minimalist Garden*, Mitchell Beazley.
ISBN 1-84000-142-9.

Brookes, J., 2002, *Garden Masterclass*, Dorling Kindersley, London.

BBC, 2001, *Gardens of Inspiration*. ISBN 0-563-55176-3.

Conran, T. & Pearson, D., 1998, *The Essential Garden Book*, Conran Octopus, London. ISBN 1-85029-919-6

Cooper, P., 2001, *The New Technical Garden*, Mitchell Beazley.
ISBN 1-840000-337-5.

Gerritson, H. & Oudolf, P., *Dream Plants for the Natural Garden*, Frances Lincoln. ISBN 0-7112-1737-8.

Guinness, B. 2002, *Garden Transformations*, F&W Publications, Cincinnati.

Hicks, D. & Brookes-Smith, S., (date), *Cotswold Gardens*, Weidenfeld & Nicolson, London. ISBN 0-297-83385-5.

Nosé, M.R., 2002, *The Modern Japanese Garden*, Mitchell Beazley, London. ISBN 1-84000-505X.

Oudolf, P. & Kingsbury, N., 2001, *Designing with Plants*, Conran, London. ISBN 1-84091-055-0.

Stevens, D., 1995, *The Garden Design Source Book: The Essential Guide to Garden Materials and Structures*, 1995, Conran, London.

Stevens, D., Huntington, L., Key, R., 2002, *The Complete Book of Garden Design, Construction and Planting*, Cassell Paperbacks. ISBN 1-84188-172-4.

Wilson, A., 2002, *Influential Gardeners: The Designers who shaped the 20th Century Garden Style*, Mitchell Beazley, London.

Submissions

Suggested drawings that may be required to complete assignment

1. Site Survey
2. Client Brief Quotation Letter
3. Functional /Bubble Diagram Plans
4. Site Evaluation/Site Analysis Plan
5. Outline/Sketch Plan
6. Mood Board
7. Perspective Drawings/SketchUp Drawings
8. Full Costings Breakdown
9. Key Plan
10. Cascade/Layout Plans
11. Specification Document
12. Contour Plan
13. Construction Drawings
14. Completed Planning Application Forms
15. Planting Plans/Plant Schedules
16. Full Business Correspondence

Each drawing should be completed by including the following information (i) North point (ii) Client's Name (iii) Site Address (iv) Drawing title (eg Sketch Plan, Planting Plan) (v) Scale (eg 1:50) (vi) Date (vii) Author of drawing (viii) Drawing number. All these should be completed in a clearly readable font and font size. Students should be aware that they may want reduced sized copies of these plans and should use font sizes that are still readable when reduced.

Assessment of Assignment 3

Name:	
Assessment category	Comment
<p>Site Assessment (Site Survey and Site Evaluation, Contour Plan, Client Brief, Written Assessment of Site Analysis, Functional Diagrams.)</p> <p>Professional: Accurate and comprehensive site survey. Clear evidence of originality in consideration of the site. Data considered are relevant to the site in its present and wider context. Complete analysis of all relevant data. Client brief is carefully considered in relation to the limits and possibilities present in the site</p> <p>Competent: Opportunities for development of the site not immediately obvious at the first meeting with the client have been identified. The environment in which the site is set is considered as a dynamic entity. The implications of local climate has been carefully considered. Accurate site survey.</p> <p>Pass: Evidence that most elements on the site have been considered. Client brief covers most of the relevant points. The impact of site location, orientation and setting have been analysed. Immediate opportunities and problems attached to the site have been identified. Accurate site survey.</p>	<p>Mark out of 20</p>
<p>Application of spatial principles to design solution, adequacy of proposed circulatory patterns, contribution of vertical and overhead planes to overall design (Sketch Plan, Section Elevations, Single/Double Point Perspective)</p> <p>Professional: The proposed design incorporates and manipulates spatial concepts in a highly original way to create a single design which is clearly focused on fulfilling the brief. Materials have been used imaginatively.</p> <p>Competent: In addition, the design manipulates vertical and overhead planes to create a coherent solution throughout the site. There is evidence of originality in the proposed design. Ideas from a variety of sources have been synthesized into a coherent plan.</p> <p>Pass: Evidence that the properties of spatial relationships discussed in lecture material and seminars has been applied in the formulation of the design. The overall scale and proposed pattern of movement is appropriate for the site. Proposed materials will fulfill and complement the brief.</p>	<p>Mark out of 20</p>
<p>Evidence that the Mood Board matches the design proposal and contributes to its vitality (Mood Board)</p> <p>Professional: The constituent images and materials, while matching the proposal, combine effortlessly to create a highly distinctive and original image which gives an unexpected impetus to the proposed design.</p> <p>Competent: In addition the swatchboard uses images and materials with a sense of space which echoes the spatial relationships within the design. Imaginative use of material examples (eg stone, paving) bind the images into a single entity.</p> <p>Pass: The swatchboard matches the proposed design while adding colour and mood to the proposal.</p>	<p>Mark out of 10</p>

<p>Contribution of Planting to Design Solution (Planting Plans)</p> <p>Professional: The proposed plants track the seasons so that the garden has interest throughout the year. Plants contribute colour, dimension and mood to the design in an original way while combining together to create a harmonious rhythm throughout the site.</p> <p>Competent: In addition to the Pass Criteria the plants show imaginative combinations of colour and form.</p> <p>Pass: Plants have been correctly represented, size of the mature plants is compatible with their proposed location, neighbouring plants and the site. Selected plants are appropriate for the soil and microclimate. All plants are correctly labelled.</p>	<p>Mark out of 10</p>
<p>Technical Competence & Portfolio Presentation,</p> <p>Professional: Work has a high impact and is visually stimulating. Strong use of colour and clear photographic self-explanatory</p> <p>Competent: There are few mistakes in completing the full set of drawings. Labelling is clear & unambiguous. Each drawing makes a visual impact which engages the viewer.</p> <p>Pass: All drawings have been drawn to the correct scale. Technical details relating to the site (Client, job title etc) have been completed. Pen widths are appropriate to the task. Labelling is complete. Drawings have been appropriately set onto the drawing sheet.</p>	<p>Mark out of 10</p>
<p>Adequacy of Execution Details (Key Plan & Layout Plans, Specification Details, Planning, Costings & Business Correspondence)</p> <p>Professional: Key plans and Setting Out Plans bear a clear relation to each other. Minor adjustments have been made where necessary to implement the sketch plan. Drainage is adequate for the site. All Materials and processes have been clearly specified and are appropriate for the task. Minimal discussion would be required with a contractor to implement the design. Spot heights are accurate. Business correspondence is correctly set out, concise, deals fully with all issues arising from the proposed contract.</p> <p>Competent: Key plans and layout plans are integrated. Drainage plans for the site are realistic. Materials and processes have been adequately specified. While discussion with a contractor would be required to iron out some details. No major redrawing or re-specification is required. Business correspondence is appropriate to the contract.</p> <p>Pass: There is a clear, well-documented relationship between the sketch plan and the key & layout plans. While the majority of processes and materials have been specified further research or discussion with client or contractor would be required to finalise the implementation of the design. Drainage has been adequately considered. Business correspondence covers most areas of concern.</p>	<p>Mark out of 30</p>
<p>Overall Mark out of 100 and Comment:</p>	
<p>Areas which need further attention:</p>	