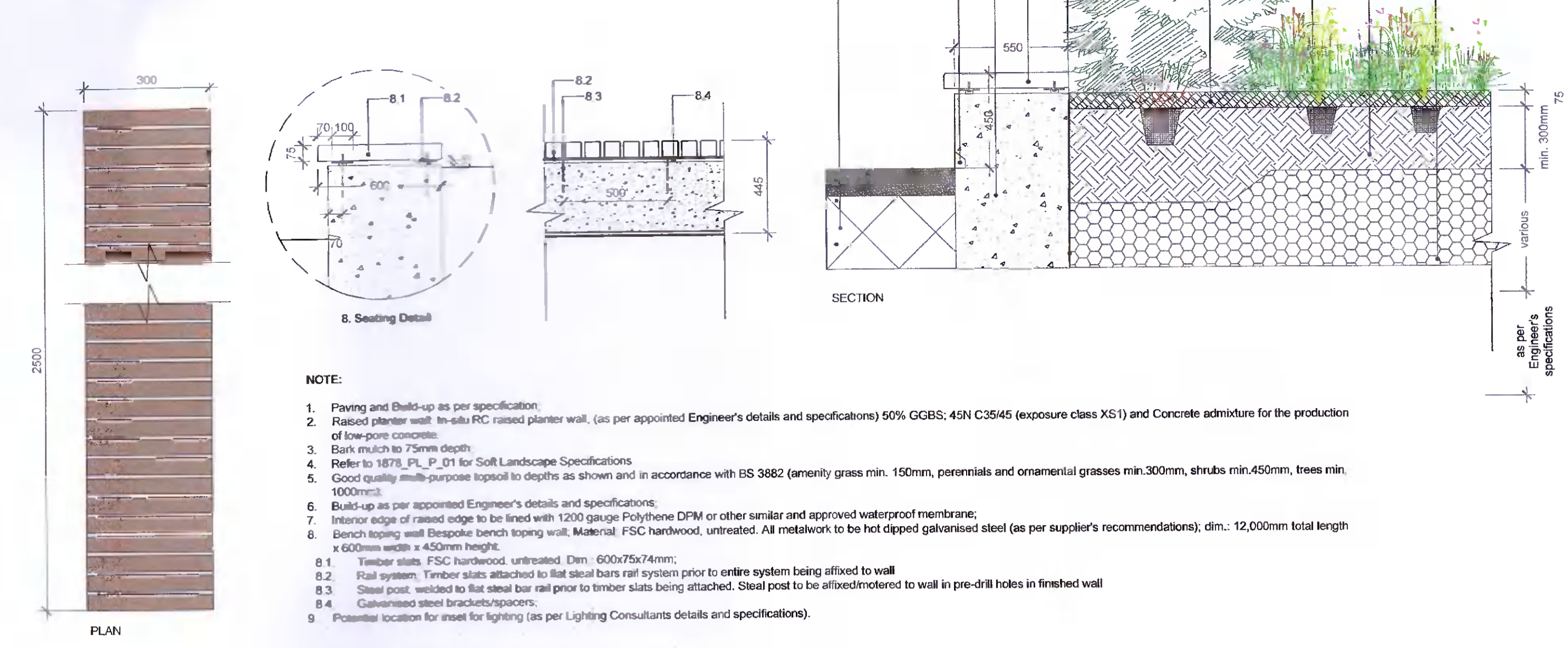


Bench Seat Wall Typical Detail
Scale 1:20

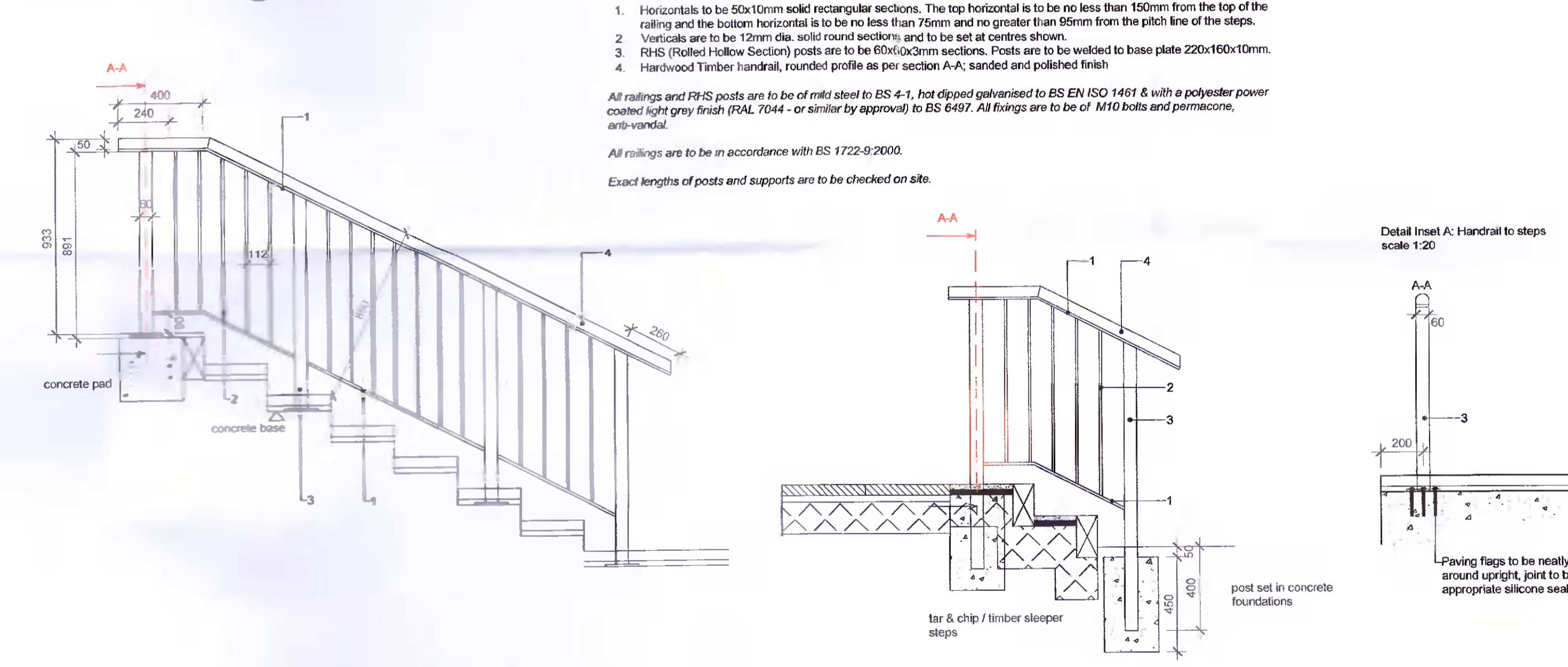


- NOTE:**
1. Paving and Build-up as per specification;
 2. Raised planter wall: In-situ RC raised planter wall, (as per appointed Engineer's details and specifications) 50% GGBS; 45N C35/45 (exposure class XS1) and Concrete admixture for the production of low-porosity concrete;
 3. Bank match to 75mm depth;
 4. Refer to 1876_PL_P_01 for Soft Landscape Specifications;
 5. Good quality multi-purpose topsoil to depths as shown and in accordance with BS 3882 (amenity grass min. 150mm, perennials and ornamental grasses min.300mm, shrubs min.450mm, trees min. 1000mm);
 6. Built-up as per appointed Engineer's details and specifications;
 7. Interior edge of raised edge to be lined with 1200 gauge Polythene DPM or other similar and approved waterproof membrane;
 8. Bench topping wall Bespoke bench topping wall; Material: FSC hardwood, untreated. All metalwork to be hot dipped galvanised steel (as per supplier's recommendations); dim.: 12,000mm total length x 600mm width x 450mm height;
 - 8.1 Timber slats: FSC hardwood, untreated Dim.: 600x75x74mm;
 - 8.2 Rail system: Timber slats attached to flat steel bars rail system prior to entire system being affixed to wall
 - 8.3 Steel post: welded to flat steel bar rail prior to timber slats being attached. Steel post to be affixed/mounted to wall in pre-drill holes in finished wall
 - 8.4 Galvanised steel brackets/spacers;
 9. Potential location for inset for lighting (as per Lighting Consultants details and specifications).

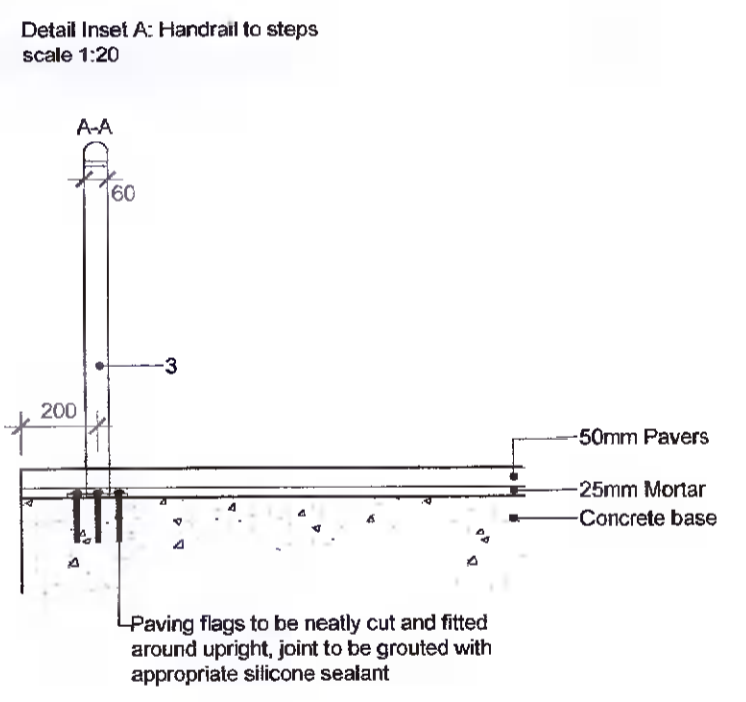


Key Plan 1:2000

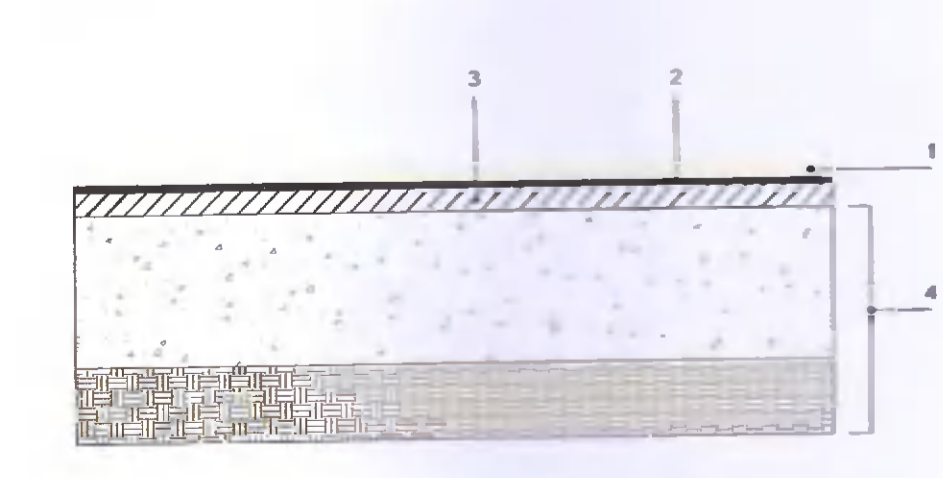
Handrail to Steps
Scale:1:20



- Notes:**
1. Horizontals to be 50x10mm solid rectangular sections. The top horizontal is to be no less than 150mm from the top of the railing and the bottom horizontal is to be no less than 75mm and no greater than 95mm from the pitch line of the steps.
 2. Verticals are to be 12mm dia. solid round sections, and to be set at centres shown.
 3. RHS (Rolled Hollow Section) posts are to be 60x10x3mm sections. Posts are to be welded to base plate 220x160x10mm.
 4. Hardwood Timber handrail, rounded profile as per section A-A; sanded and polished finish
- All railings and RHS posts are to be of mild steel to BS 4-1, hot dipped galvanised to BS EN ISO 1461 & with a polyester power coated light grey finish (RAL 7044 - or similar by approval) to BS 6497. All fixings are to be of M10 bolts and permacone, anti-vandal.
- All railings are to be in accordance with BS 1722-9:2000.
- Exact lengths of posts and supports are to be checked on site.

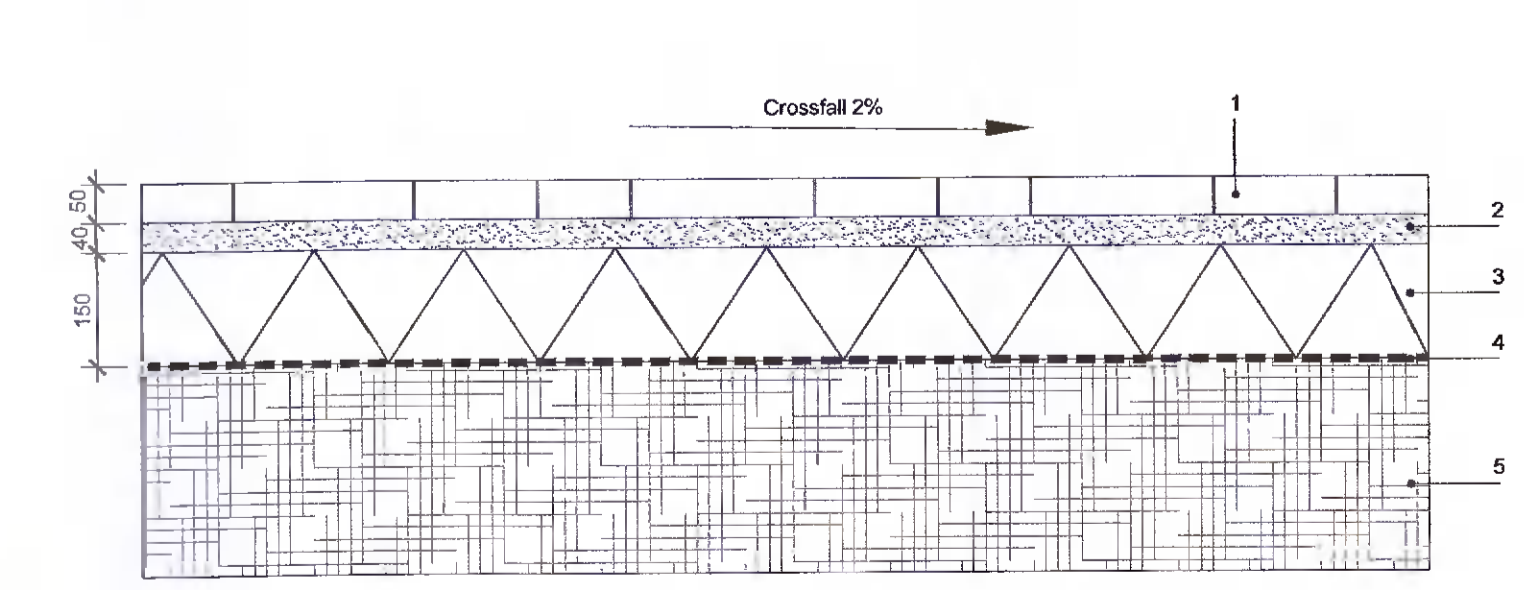


Resin-bound Aggregate To Entrance Plaza
Scale 1:10



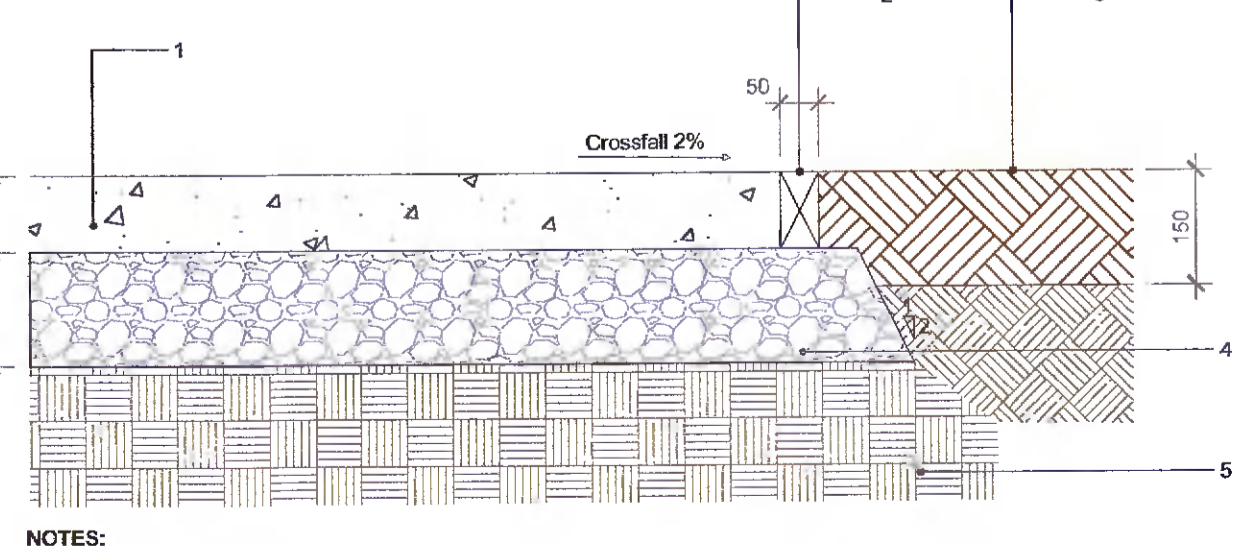
- NOTES:**
1. Aggregate surface dressing (Addstone or similar), Depth: 2-6mm 4-6mm Long Rake Golden Spar aggregate
 2. Surface Protector Coat (e.g. Addstone Surface Protector or similar), is recommended following laying to protect surface from staining and to aid cleaning / chewing gum removal
 3. Sealer (Addacryl or similar)
 4. 30mm of 10mm Open Graded Macadam Surface Course (Max. 125 Pen) to BS 4987 - 1:2003 ref 7.2
 5. Subbase to Engineer's detail

Concrete Block Paving
Scale 1:10



- NOTES:**
1. Unit block paving with 25mm joints filled with dried k&n jointing sand Klearan 'Newgrange' Block Paving or similar, and approved. 50x120x160, 50x160x160, 50x240x160mm (3 size mixed). Colour - Silver Granite / Black Granite; Paving surfacing to be laid in accordance with BS 7533:4:2006
 2. Compacted naturally occurring sharp sand or 2-6mm crushed stone grit laying course
 3. Well compacted Clause 804 stone to falls/crossfalls required
 4. Geotextile layer (Terram or similar & approved)
 5. Well compacted sub grade to appropriate level & profile to engineers approval

In-situ Concrete Path Standard
Scale 1:10



- NOTES:**
1. 100mm Concrete to Clause 1106 Sandblasted Finish; Joints to have a maximum spacing of 3m, joint sealant to be Colpor 200 (expandite limited) and/or similar approved
 2. Timber shuttering to be removed on completion
 3. Topsoil reinstated to edge of path
 4. 150mm min. Well compacted Sub-Base Clause 804 stone to appropriate level & profile Engineers' approval
 5. Well consolidated or undisturbed ground; Acceptable material to appendix 6/1 National Roads Authority - Construction details

1. This drawing is intended for use by the client for construction purposes only. Please refer to the contract and Bill of Materials for further details of materials, quantities, and conditions of use.
2. The copyright of this drawing is held by Murray & Associates. This drawing may not be copied or reproduced without written consent.
3. All materials referred to on this drawing - including plant species - are indicative and subject to change following detailed site investigation. Significant changes, if any are required, will be referred to the relevant authority for agreement.
4. This drawing is not suitable for use for construction purposes.
5. Site preparation to be referred to Murray & Associates for clarification.

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01/04/22 | Planning Issue | HT | MB
REV DATE | REVISION | DRAWN | CHECKED

CLIENT: Blackwin Limited
PROJECT TITLE: Warehousing / Logistics and Office Development at Calmount Road

SHEET TITLE: Landscape Details
Sheet 2 of 3
Hard Landscape Details

SHEET NO: 1876_PL_D_02 | SHEET SIZE: A1
SCALE: As Shown | REVISION: 0
DATE: 01/04/22