



| FLEXIBLE ROAD CONSTRUCTION (Asphalt Concrete) | | |
|---|---|----------------|
| LAYER | SPECIFICATION | THICKNESS (mm) |
| SURFACE COURSE | SURFACE COURSE CLAUSE 910 (HRA, HIGH STONE CONTENT 55/14) BS 594 PART 1 TABLE 5 COLUMN 21 WITH 10-14mm PRE-COATED CHIPPINGS, IN ACCORDANCE WITH BS 594 PART 1 1985 SECTION 4 CLAUSE 915 (SPECIFICATION FOR HIGHWAY WORKS 1986) AGGREGATE PSV 65 MIN. AND AAV 12 MAX | 40 |
| BINDER COURSE | 20mm DENSE BINDER COURSE TO EN 13108, PART 1. AC 20 DENSE BIN 100/150 | 60 |
| DENSE BASE | 40mm DENSE BASE COURSE TO EN 13108, PART 1. AC 40 DENSE BASE/BIN 100/150 | 200 |
| SUB BASE* | DTp TYPE 1 GRANULAR MATERIAL | 225 |

*SEE NOTE 9

| FOOTWAY CONSTRUCTION (Self Binding Gravel) | | |
|--|---|----------------|
| LAYER | SPECIFICATION | THICKNESS (mm) |
| SURFACE COURSE | NON-COMPACTED LAYER OF 75mm SELF BINDING MATERIAL (BREEDON GOLDEN AMBER GRAVEL OR SIMILAR APPROVED) THAT COMPACTS BY AROUND 35% | 50 |
| SUB BASE* | TYPE 1 GRANULAR MATERIAL TO CLAUSE 803 (SPECIFICATION FOR HIGHWAY WORKS) | 150 |
| SUBGRADE SEPARATION | NON-WOVEN GEOTEXTILE TO BE USED | - |

*SEE NOTE 9

- ### Legend
- Adopted Highway (Newport County Council)
 - CC & NCC Administrative Line
 - Planning Application Boundary
 - Proposed Vehicular Restraint Bollard
 - Proposed Self Binding Gravel Finish
 - Proposed Balustrade to Existing Crossing
 - Proposed Asphalt Concrete
 - Proposed Levels
 - Proposed Corduroy Hazard Paving Strip
 - Proposed Drop Kerb to Replace Existing
 - Proposed Edging Kerb
 - Existing Low Voltage Underground Cables
 - Existing Intermediate Pressure Gas Main

- ### Notes
1. Do not scale from this drawing.
 2. All dimensions are in metres unless stated otherwise.
 3. The details shown on this drawing are based on a schematic design produced for a detailed planning application. The details will need to be reviewed and revised during subsequent design stages.
 4. The details shown are subject to approval with Newport County Council.
 5. Vehicular restraint bollards to be Marshall's Sineau Graff Timber Bollard with Chamfered Top or similar approved with a demountable fixing.
 6. Proposed balustrade to existing crossing to be Ecoplastic M121 Post & Rail Balustrade or similar approved.
 7. Proposed levels to replicate existing unless stated otherwise.
 8. All existing drainage and utilities locations are taken from statutory undertakers asset record plans. Location as may vary from what shown, such surveys as ground penetrating radar survey to be undertaken to confirm locations. No responsibility can be taken for the accuracy of this information. Works proposed to existing utilities to be verified with statutory undertakers.
 9. The construction thicknesses shown assumes a CBR of 5% (to be confirmed during works). Where a CBR is less than 5% consult with engineer. Soft spots may need to be removed or replaced with capping material.
 10. Proposals shown within Cardiff Council administration developed for an outline planning application only. Details shown may need to change in response to any planning conditions or reserved matters applications.

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|------------------------|----------|----|------|------|
| I2 | 07/07/20 | CB | SW | DW |
| Issued for PAC | | | | |
| I1 | 03/07/20 | CB | SW | DW |
| Issued for Comment | | | | |
| I0 | 22/05/20 | DS | SW | JS |
| Issued for Information | | | | |
| Issue | Date | By | Chkd | Appd |

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Client
Cardiff Parkway Developments Ltd

Project Title
Cardiff Hendre Lakes

Drawing Title
Green Lane Reen Active Travel Route General Arrangement

| | | | |
|-------------|-------------------------------------|------|----------------|
| Scale at A1 | 1:100 | Role | Infrastructure |
| Suitability | For Information | | |
| Job No | 252199-00 | Rev | 12 |
| Drawing No | HDL-ARP-HW-SW-DRG-ECV-000098 | | |

