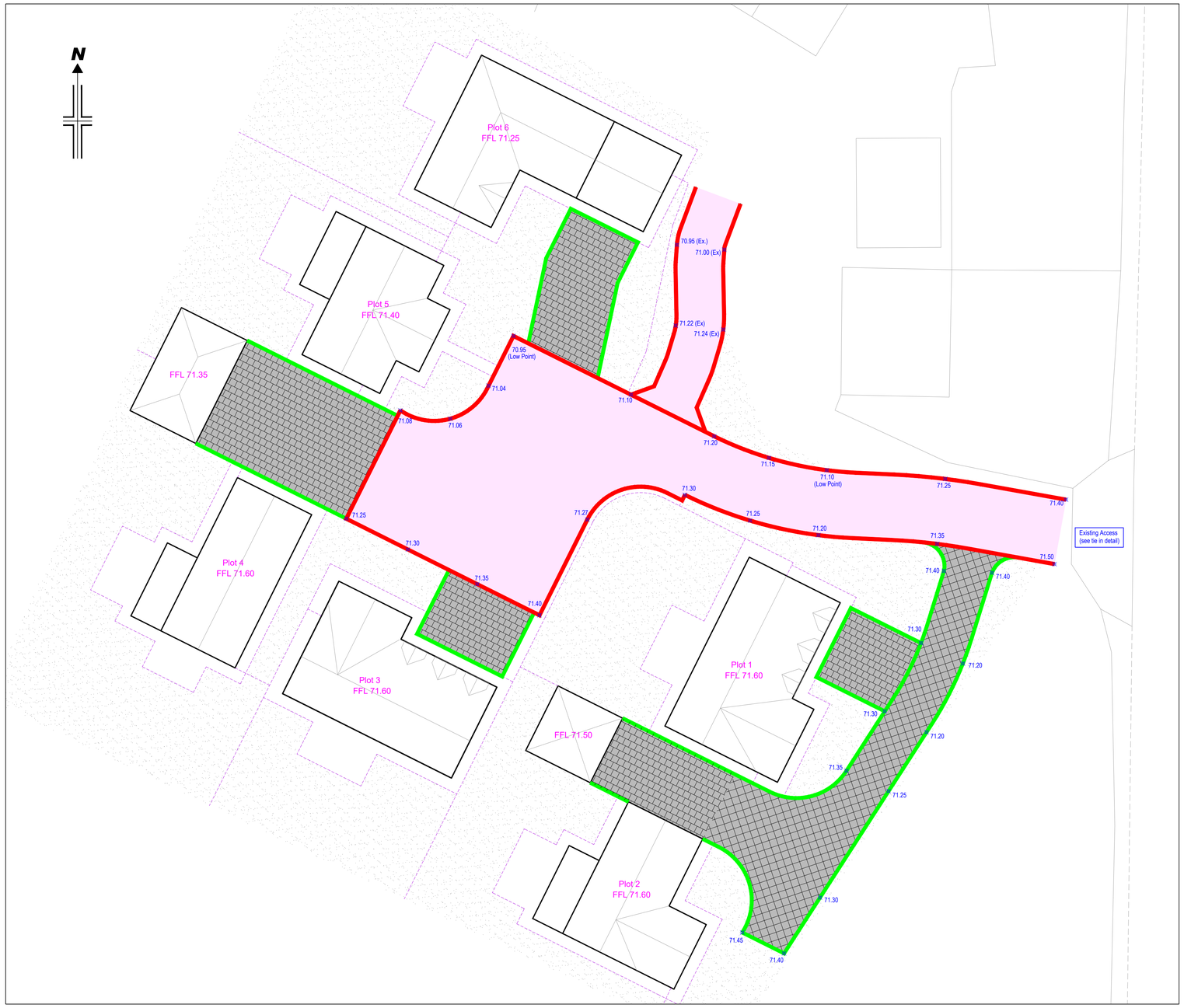


Kerb Type Key

Key:	Type
	BN - 150 x 125 - Bull Nosed Kerb - 25mm Face
	E - Edging Kerb - Flush
Note -	Flush Pedestrian Access kerbs to be installed as per Architects recommendations and agreed on site with Engineer
x 71.50	Proposed levels shown are road levels (i.e. bottom of kerb)

Construction Details Key

Key: **Surfacing Construction Types & Specification**

Internal Access Road Surfacing

Surface course -	35mm thick AC10 close surf 100/150 pen
Binder course -	60mm thick AC20 dense bin 100/150 pen
Base course -	75mm thick AC32 dense base 100/150 pen
Sub-base -	225mm thick DoT Type 1

Driveways - Block Paviours (Light Duty)

Surface course -	50mm Block Paviour - Dark Grey Colour
Laying course -	30mm thick (after compaction) Laying Course The material should be a clean, durable and free draining naturally occurring sand graded in accordance with BS EN 1260 or BS EN 13242, GF85 0/4 fine aggregate
Sub-base -	150mm thick (min) Type 1 unbound granular material in accordance with clause 803 of the Specification for Highway Works.

Driveways - Block Paviours (Occasional Heavy)

Surface course -	50mm Block Paviour - Dark Grey Colour
Laying course -	50mm thick (after compaction) Laying Course The material should be a clean, durable and free draining naturally occurring sand graded in accordance with BS EN 1260 or BS EN 13242, GF85 0/4 fine aggregate
Sub-base -	300mm thick Type 1 unbound granular material in accordance with clause 803 of the Specification for Highway Works.
NOTE -	If this area is to be used for construction traffic then above specification should be replaced with 30mm laying course, 70mm Base Course (AC32) and 150mm Sub-base.

Landscaping Areas - Refer to Landscaping drawings

Access around dwellings (as required) - Paving Flags (600mm x 600mm or similar)

Surface course -	60mm thick natural concrete paving flags
Laying course -	25mm thick 3:1 sand cement mortar
Sub-base -	100mm thick DoT Type 1 (increased to 200mm in areas susceptible to vehicle over-running

Sub-base thickness quoted are based upon a CBR value greater than 3% being achieved at the carriageway formation level. Actual CBR values to be determined on site by CBR testing.

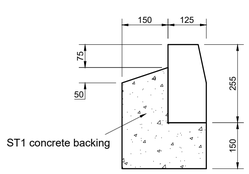
No limestone aggregate to be permitted in any surface courses whether permanent surface course or temporary. Refer to LCC Specification for further information.

Any areas of "made ground" encountered at road / driveway formation level to be excavated amd replaced with 6F2/6F5 material, compacted in 150mm layers or other approved improvement layer.

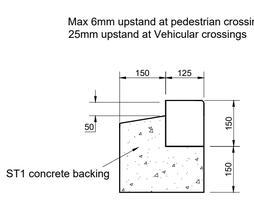
GENERAL NOTES

1. This drawing is to be read in conjunction with all relevant approved Architects/Planning/Designers drawings and details.
2. Unless noted otherwise sub-base thicknesses quoted above are based upon a CBR value of 3-8% being achieved at the formation level. CBR values to be determined on site at the time of construction and CBR testing carried out as necessary by an independent UKAS laboratory.
3. Construction details to be in accordance with Lancashire County Council Specification for Construction of Estate Roads 2011.
4. Any damage to existing surfacing/kerbs to be reinstated as per the Specification.
5. All road marking diagram references are as described in the Traffic Signs Regulations and General Directions 2002 & Chapter 5 of the Traffic Signs Manual. All road markings to be in accordance with these documents
6. The Contractor shall comply with the following:-
   (a) All operations should be carried out in accordance with the General Health and Safety Policy of the Developer as required by Sections 2 of the Health and Safety at Work Act 1974 and in particular the Construction (General Provisions) Regulations.
   (b) The Local Authority and service companies are to be notified prior to commencement of work on site.
   (c) Prior to construction the actual positions and depths of services likely to be affected by the works should be established by means of hand dig in close liaison with the service companies. The Contractor shall immediately advise the Engineer of any services exposed which may affect the design.
   (d) The Contractor and/or Developer are entirely responsible for compliance with the Health and Safety at Work Act. He shall be specifically responsible for all temporary works and for the stability of the affected land and structures.
7. The Contractor shall check all road and pavement levels before commencing the permanent works. The Engineer shall be informed immediately if any levels do not tie-in or will lead to areas of standing water. If this occurs the Contractor will have to correct such problems, at his own cost, after first agreeing the necessary remedial measures required with the Engineer.
8. Vertical steps in the existing carriageway are to be formed by saw cutting.
9. Nuclear density tests must be undertaken on all layers of the road and base course layers by an independent UKAS accredited laboratory whilst the materials are being laid.
10. All bituminous materials are to be machine laid unless otherwise directed by the Engineer.
11. No limestone aggregate to be permitted in any wearing courses whether permanent wearing course or temporary.
12. Recycled material can only be used with the approval of the Engineer.
13. All highway works must be signed and guarded in accordance with Chapter 8 of the Traffic Signs Manual
14. All materials to be kite marked where applicable.
15. All existing kerbing and footway to the entrance of the site shall be renewed and made good to the satisfaction of the Engineer.
16. All final wearing courses must only be laid once construction operations on site have been completed.
17. Any surfacing damaged around the perimeter of the site to be made good to match existing.

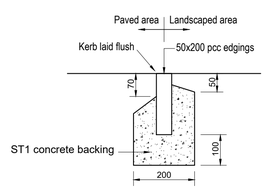
Kerb Details



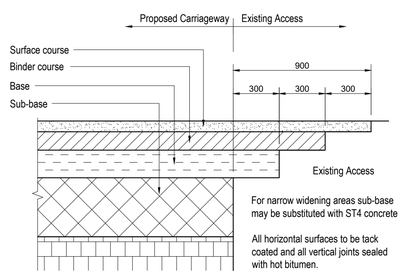
125x255mm 12.5° Half Battered



125x150mm Bullnosed



P.C.C. EDGING



Tie-in Detail with Existing Carriageway

Refer to drawing D2980-E-02 for setting out information

REV	DATE	AMENDMENT DETAILS	DRAWN	CHECKED	APPROVED
P2	14/11/23	Minor amendments following comments from developer	GS	DLW	GS
P1	09/11/23	For Approval	GS	DLW	GS

Dorbcrest Homes

Lancaster House Farm
Charnock Richard

External Works - Construction Details

Drwg No. **D3803-E-01** Rev. **P2**

Scale **1 : 200** Sheet Size **A1**

Date **14th November 23**

Drawn **GS** Checked Approved

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