

NOTES	
Design & specification to Lincolnshire County Council Section 278 Works Specification 2017	
Note: Tar bound materials present within existing carriageway construction	

C	19.06.19	ATF	LCC 8278 Specification referenced. Note relating to tar bound material added	JMK
B	19.07.18	ATF	LCC Carriageway spec updated	JMK
A	Jan 18	JMK	Note added regarding existing inspection chamber cover on Broad Gate	JMK
REV	DATE	BY	DETAILS	CHKD
AMENDMENTS				
CLIENT				

LarkfleetHomes

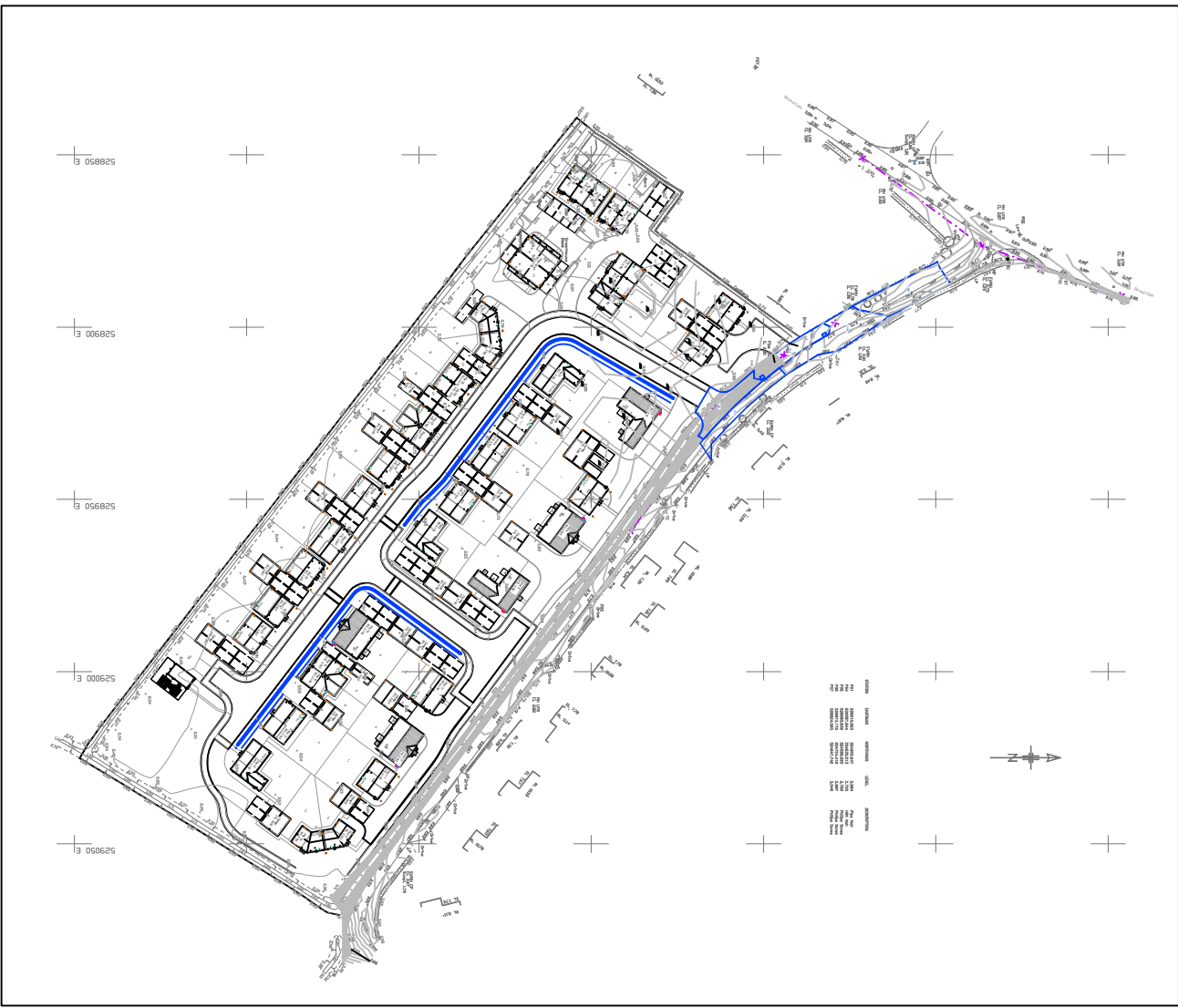
PROPOSED RESIDENTIAL DEVELOPMENT SMALL DROVE WESTON

SECTION 278 WORKS PROPOSED SURFACING

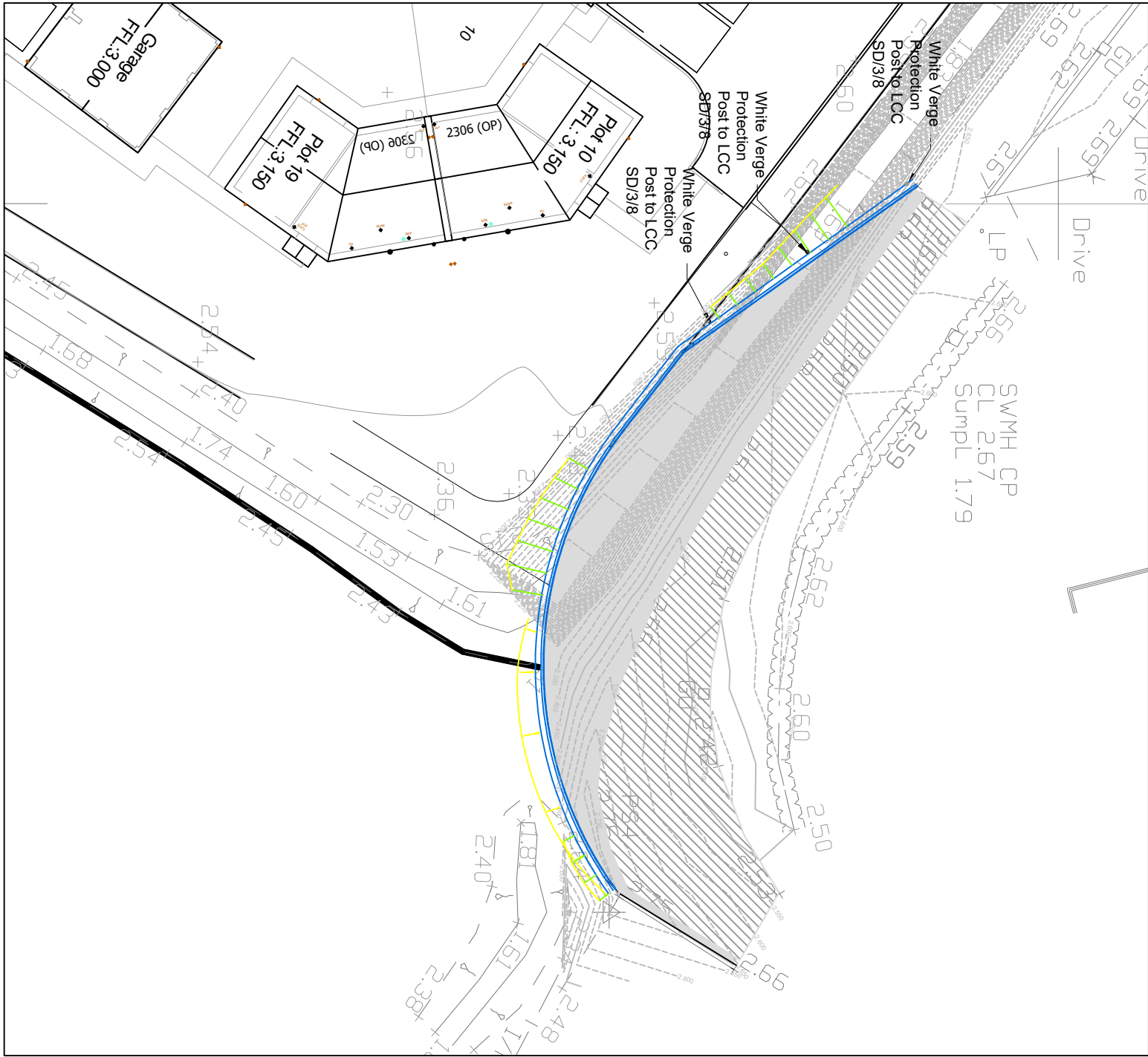
DRAWING No. MA10448-704 C		DRAWING STATUS PRELIMINARY	
SCALE	1:250	DRAWN	ENGINEER
DATE	September 2017	CHECKED	APPROVED BY



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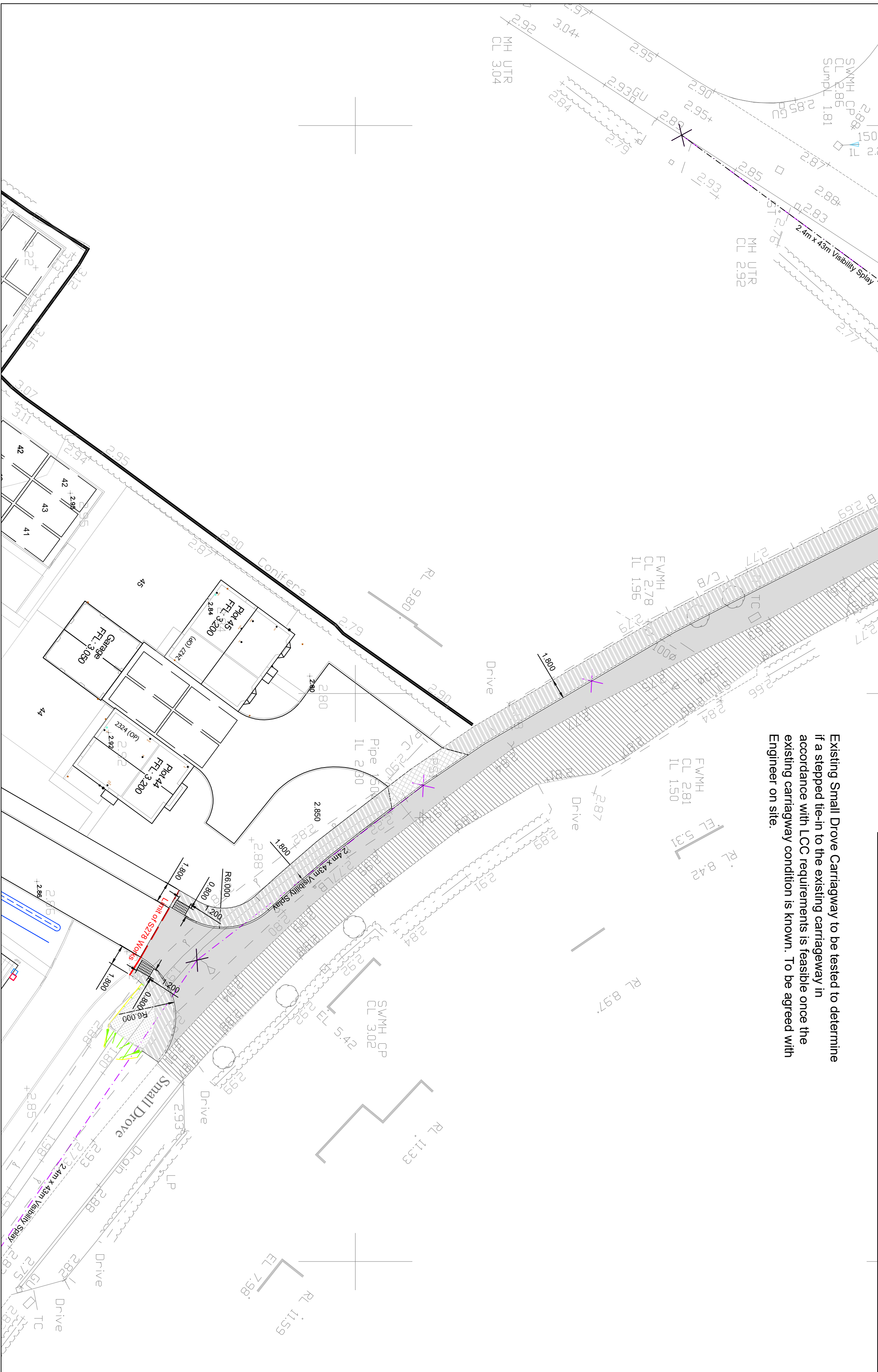


KEY PLAN Scale 1:2000



EASTERN END OF SMALL DROVE Scale 1:250

Existing Small Drive Carriageway to be tested to determine if a stepped tie-in to the existing carriageway in accordance with LCC requirements is feasible once the existing carriageway condition is known. To be agreed with Engineer on site.



WESTERN END OF SMALL DROVE Scale 1:250

ADOPTABLE MATERIALS SPECIFICATION KEY

In accordance with Lincolnshire County Council Section 278 Works Specification 2017

Carriageway Construction - ADOPTABLE

Surface course: 40mm - AC10 dense surf 100/150 in accordance with BS EN 13108.

Binder course: 130mm - AC20 dense bit 40/60 rec laid in a single layer or combination of layers not less than 50mm nor greater than 110mm in accordance with BS EN 13108.

Sub Base: granular sub base material Type 1 to Clause 8.1

Thickness dependent upon CBR values (see table)

A geotextile is to be provided to hold up the sides of the excavation.

All pavement material within 450mm of finished external levels shall be non frost susceptible sub-base / capping, depth dependent upon CBR of sub-base.

Footway Construction - ADOPTABLE

Surface course: 25mm - AC6 dense surf 100/150 in accordance with BS EN 13108

compacted to a void content within the range 2%-10%.

Binder course: 100mm - AC20 dense bit rec 100/150 in accordance with BS EN 13108.

Sub Base: 100mm granular sub base material Type 1 to Clause 1.2

Geotextile to be laid beneath footway construction, including edgings and kerbs to prevent penetration.

Vehicular Crossing - ADOPTABLE

Surface course: 25mm - AC6 dense surf 100/150 in accordance with BS EN 13108

compacted to a void content within the range 2%-10%.

Binder course: 100mm - AC20 dense bit rec 100/150 in accordance with BS EN 13108.

Sub Base: 150mm granular sub base material Type 1 to Clause 1.2

Geotextile to be laid beneath vehicular crossing construction, including edgings and kerbs to prevent weed penetration.

Carriageway Resurfacing

Existing surface course to be planned and replaced

Waste

Min 150mm topsoil and seeded in accordance with LCC Specifications (March 2017).

Tie-In Pavings

For details, refer to drawing no. MA10448705.

Construction Chart 1 - Non Pavement roads up to 0.25 mas (Normal Flexible Construction)

Lincolnshire County Council Development Road Specification and Construction Document

Sub-grade (mm)	Sub-base (mm)	With geotextile	Without geotextile	Surfacing (mm)	Surface Course	Total thickness required (mm)
Design CBR	Without geotextile	With geotextile	Without geotextile	Without geotextile	With geotextile	
< 1½% & soft spots	Not suitable	710	130	40	40	880
1½% - 2%	400	440	130	40	40	610
2% - 3%	310	300	130	40	40	510
3% - 4%	300	300	130	40	40	470
4% - 5%	300	300	130	40	40	470
5% - 6%	300	300	130	40	40	470
6% - 15%	300	300	130	40	40	470
> 15%	300	300	130	40	40	470

NOTE: CBR VALUE OF 1.5% IS ASSUMED UNTIL FURTHER INSITU TESTING IS CARRIED OUT IN ACCORDANCE WITH CLAUSES 1.1.6, 1.1.7 AND 1.1.8 OF THE LINCOLNSHIRE COUNTY COUNCIL DEVELOPMENT ROAD SPECIFICATION AND CONSTRUCTION DOCUMENT