Footpath construction extension outside red line boundary subject to third party landowner agreement (LCC to negotiate with third party landowner and if agreement is obtained developer will construct.

GENERAL NOTES
Do not scale this drawing. If in any doubt ask.

This drawing is to be read in conjunction with all relevant engineers and specialists drawings and specifications.

All setting out is to be checked on site prior to any works commencing. Any discrepancies are to be reported to millward immediately.

All dimensions are shown in millimetres unless otherwise noted.
All levels are shown in metres unless otherwise noted.

The specification in all respects shall be in accordance with the current "Lincolnshire Development Road and Sustainable Drainage Design Guide" and "Development Road and Sustainable Drainage Specification and Construction" publications in force in the county at the time of construction

The Minimum Longitudinal fall for highways, without channel blocks shall be 1 in 150 , and with channel blocks 1 in 250 (see Clause 10.1)

In addition, ensure that the first section of any side road fall away from the road to which is is connecting. If general topography requires it to rise, the change in direction should take place after the first set of gullies. This is to ensure a 'false channel' with associated drainage problems is not created in the bellmouth of junctions.

General deterioration of the existing highway/footway/verges created through construction of the new |Section 38 Development will be reinstated to the current Development Road Specification at the developer's own cost at the agreement of the inspecting Highway Officer Prior to Construction

All signs and line marking are to be agreed with the Senior Highways Officer prior to construction

No Private surface water shall discharge onto the adoptable highway

No private, structural features shall overhang the adoptable highway

No private retaining walls exceeding 1.37m shall be within 3.66m of the highway boundary

Concrete edging to be installed for the length of the filter strip(s) between filter strip and private property to delineate between the two.

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In accordance with Lincolnshire County Council Development Road Specification and Construction document for Housing Development Roads carrying up to 0.25 m.s.a.

ADOPTED AREAS

Carriageway Construction <1.5% CBR

Surface course: 40mm - AC10 close surf 70/100 or 100/150 in accordance with BSEN13108.

Binder course: 130mm - AC20 dense bin 40/60 rec laid as a combination of layers at 70mm then 60mm thickness in accordance with BSEN13108.

Sub Base: 410mm of 6F5 Capping Layer Granular Fill to clause 6.8 and 300mm of Type 1 sub-base. Granular sub base material Type 1 to Clause 803 of the Highway Agency Specification.

Geotextile layer to be provided to fold up the sides of the excavation (300mm lap min)

Tensar TriAX TXG Geogrid with integral geomembrane laid at formation level.

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

All Made ground must be removed.

Footway Construction

Surface course: 25mm - AC6 dense surf 100/150 in accordance with BSEN13108
compacted to a void content within the range 2%-10%. To clause 9.4.
The Surface Course must be bonded to the Binder Course.

Binder course: 100mm - AC20 dense bin rec 100/150 in accordance with BSEN13108 to clause 9.1.

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

Vehicle crossing

Surface course: 25mm - AC6 dense surf 100/150 in accordance with BSEN13108 to clause 9.4.
The Surface Course must be bonded to the Binder Course.

Binder course: 100mm - AC20 dense bin rec 100/150 in accordance with BSEN13108 to clause 9.1.

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

Verge / Filter Strip

Refer to detail on Millward Dwg No. MA11242/604-1

Tactile Paving / Pedestrian Crossing

EXISTING CARRIAGEWAY AREAS

Plane and replace surface course:

40mm - AC10 close surf 70/100 or 100/150 in accordance with BSEN13108 (plus regulating as required).

Surface & Binder Course:

Surface Course 40mm (AC10 close surf 70/100 or 100/150 in accordance with BSEN13108) plus Binder course 130mm (AC20 dense bin 40/60 rec in accordance with BSEN13108 plus regulating as required. The Surface Course must be bonded to the Binder Course.

Grass Verge

150mm Top Soil in accordance with Clause 6.2 of LCC specification

PRIVATE AREAS

Tarmac - Private Parking Bay / Driveway (Serving 1 Plot single or double driveway)

Surface course: 25mm of SMA

Binder course: 100mm AC20 dense bin rec 40/60 or 100/150pen to Clause 9.1, compacted to a void content within the range 2% - 10%

Sub base: 150mm Type 1 Sub-base to Clause 1.2.
(NB: where the CBR value of the sub-grade is below 1.5%, an approved geosynthetic layer to Clause 6.7 will be required to be placed on the sub-grade)

Tarmac - Private Carriageway Construction to Shared Accessways (2+ Plots)

Surface course: 25mm of SMA

Binder course: 100mm AC20 dense bin rec 40/60 or 100/150pen to Clause 9.1, compacted to a void content within the range 2% - 10%

Sub base: 200mm Type 1 Sub-base to Clause 1.2.
(NB: where the CBR value of the sub-grade is below 1.5%, an approved geosynthetic layer to Clause 6.7 will be required to be placed on the sub-grade)

Construction Chart 1 - Non Pervious roads up to 0.25 msa (Normal Flexible Construction)
Lincolnshire County Council Development Road Specification and Construction Document

Sub-grade (mm)	Sub-base (mm)		Surfacing (mm)		Total thickness required (mm)	
Design CBR	Without geotextile	With geotextile	Binder Course	Surface Course	Without geotextile	With geotextile
< 1½% & soft spots	Not suitable	710	130	40	Not suitable	880
1½%	Not suitable	440	130	40	Not suitable	610
2%	400	340	130	40	570	510
3%	310	300	130	40	480	470
4%	300	300	130	40	470	470
5%	300	300	130	40	470	470
6 - 15%	300	300	130	40	470	470
> 15%	300	300	130	40	470	470

ACCESS ROAD DETAILS
Scale 1:250

REV	DATE	BY	DETAILS	CHK'D
C	07.07.21	JMcK	Site layout amended providing plots 27,50,51,71 additional parking in line with SHDC policy. Crossing point moved to frontage of plots 2 & 52	JMcK
B	11.06.21	BC	Site layout amended. Private driveway specifications amended.	JMcK
A	02.12.20	JMcK	Footway route extended to western boundary. PROW shown with IDB requirements. Notes added regarding offsite footway link. Informal pedestrian link annotated to Park Lane. Tactile crossing over Sunnydale Close junction added	JMcK
A0	AMENDMENTS			

NOTES

TITLE	Materials Layout		
PROJECT	Sunnydale Close Surfleet		
CLIENT	ASHWOOD HOMES		
DATE	March 2020	CHECKED	JMcK
APPROVED BY	JMcK	SCALE	1:250@A0
DRAWN	BC	ENGINEER	JMcK
DRAWING No:	MA11242-601 Rev C	DRAWING STATUS	PLANNING

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