



Do not scale directly from this drawing. All discrepancies are to be brought to the attention of the below office.

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The General Contractor is to check all dimensions on site and report discrepancies to the designer.

The details and information shown hereon relating to existing underground drains, main services, cables, etc., and existing structural details, are as obtained by normal survey observation method. Although all reasonable effort has been made, no guarantee can be made or given for the completeness or accuracy of this information.

Notes:

- All drawings to be read in conjunction with Structural Engineers Drawings.
- All plans are drawn in meters unless noted otherwise.
- This drawing is to be read in accordance with all other related drawings, any discrepancies must be reported back to the engineer immediately.
- Drainage design in accordance with Sewers for Adoption 6th edition.
- Road design in accordance with Lincolnshire County Council - Development Road and Sustainable Drainage Specification and Construction - May 2018 Edition, and any specific requirements of the approving highway officer.
- All manholes located in the adoptable highways to have a minimum cover grades of D400, and be noted with their respective water type (FW or SW).
- Setting out to be in accordance with the Architectural plans.
- All proprietary items to be installed in strict accordance with the manufacturers instructions and recommendations.
- All works to be carried out in accordance with the current British Standards, Codes for practice and Building Regulations.
- Gully laterals to be 150mmØ and have type 2 surround (refer to detail).
- No private water to discharge onto the adoptable highway.
- Street lighting to be provided by specialist.
- All topsoil to be removed in construction areas.
- All soft spots to be removed and replaced with a suitable engineered material to achieve design values.

Lincolnshire County Council Notes:

- The specification in all respects shall be in accordance with the current Development Road and Sustainable Drainage Specification and Construction publication 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 of the Development Road and Sustainable Drainage Specification and Construction. In addition, ensure that the first section of any side road falls away from the road from the road to which it is connecting. If general topography requires it to rise, this change of 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 Development Road and Sustainable Drainage Specification and Construction at the developers' own cost at the agreement of the inspecting Highway and Flood Authority Officer.
- No Private surface water shall discharge onto the adoptable highway.
- No private structural features shall overhang the adoptable highway.
- No private retaining walls exceeding 1.37 metres shall be within 3.66 metres of the highway boundary.

Adoptable Finishes Key

Chart 1 Specification

(Lincolnshire County Council Specification)

Surface Course

40mm of 10mm size Close Graded Surface Course (AC 10 close surf 70/100 or 100/150) to Clause 7.3. It must be compacted in accordance with Clause 7.2 to a void content within the range 2%-10%. The aggregate shall be from a source approved by the Highway and Flood Authority and shall have minimum polished stone value of 55, unless a higher PSV is required by the Highway and Flood Authority and a maximum abrasion value of 16. Only aggregates in the Lincolnshire County Council Approved Supplies Information Booklet shall be used. The surface course is to be bonded to the binder course.

Binder Course

130mm of 20mm size recipe mix dense binder course, 40/60 pen bitumen (AC 20 dense bin 40/60 rec) to clause 9.1 and shall be laid in two layers of 70mm and 60mm respectively. No layer shall be less than 50mm in thickness or greater than 100mm in thickness. Compaction must be in accordance with clause 7.2 to a void content within the range 2% - 8% and all layers must be bonded together.

Sub-Base

300mm of sub-base to conform with Clause 8.1 and shall be Type 1. A minimum in-situ CBR value of 30% and/or a minimum stiffness of 35 MPa will be required on all roads. CBR or stiffness values shall be determined by Plate Bearing Tests or Light Weight Drop Tests respectively in accordance with Clause 8.2.

Capping Layer

410mm 6F₃ capping to conform with clause 6.8

Geo-textiles

Approved geogrid laid over approved geotextile or an approved geocomposite can be used (grid minimum aperture size 30mm x 30mm, minimum tensile strength 40kN x 40kN - see clause 6.7 for full details).

Adoptable Footways

(Lincolnshire County Council Specification)

Surface Course

25mm of 6mm size Dense 70/100 or 100/150 Surface Course (AC 6 dense surf) to Clause 9.4 compacted to a void content within the range 2%-10%. The surface course must be bonded to the binder course.

Binder Course

100mm of 20mm size Dense, 70/100 or 100/150 Binder Course (AC 20 dense bin rec) to Clause 9.1 compacted to a void content within the range 2%-10%.

Sub-Base

100mm of Type 1 sub-base to Clause 1.2.

Geo-textiles

Refer to Clause 6.7.1.1 in the LCC DRS, for item parameters, to be approved by LCC prior to use.

Adoptable Vehicle Crossovers

(Lincolnshire County Council Specification)

Surface Course

25mm of 6mm size Dense 70/100 or 100/150 Surface Course (AC 6 dense surf) to Clause 9.4 compacted to a void content within the range 2%-10%. The surface course must be bonded to the binder course.

Binder Course

100mm of 20mm size Dense, 70/100 or 100/150 Binder Course (AC 20 dense bin rec) to Clause 9.1 compacted to a void content within the range 2%-10%.

Sub-Base

150mm of Type 1 sub-base to Clause 1.2

Geo-textiles

Refer to Clause 6.7.1.1 in the LCC DRS, for item parameters, to be approved by LCC prior to use.

Adoptable Tactile Paving

(Lincolnshire County Council Specification)

Surface Course

60mm thick, 'dimple' high strength concrete blocks, 200mm x 133mm x60 paving blocks. Surface colour to be buff. Paving blocks to be surround by edging kerbs.

Binder Course

100mm of 20mm size Dense, 70/100 or 100/150 Binder Course (AC 20 dense bin rec) to Clause 9.1 compacted to a void content within the range 2%-10%. Alternatively 150mm of ST4 concrete can be used.

Sub-Base

150mm of Type 1 sub-base to Clause 1.2

Geo-textiles

Refer to Clause 6.7.1.1 in the LCC DRS, for item parameters, to be approved by LCC prior to use.

Existing Road Reinstatement

(Lincolnshire County Council Specification)

Surface Course

Existing surface course to be planned off and re-laid, proposed surface course material and thickness to match existing road, or as agreed with the Highways officer. Surface course must be bonded to the existing layer below.

Any damage caused through planning to be repaired as directed by the highway officer.

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C	09.03.2020	S11	Entrance notes removed.
B	05.02.2020	S11	Drawing generally updated. Client name changed.
A	12.12.2019	S11	First Issue
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