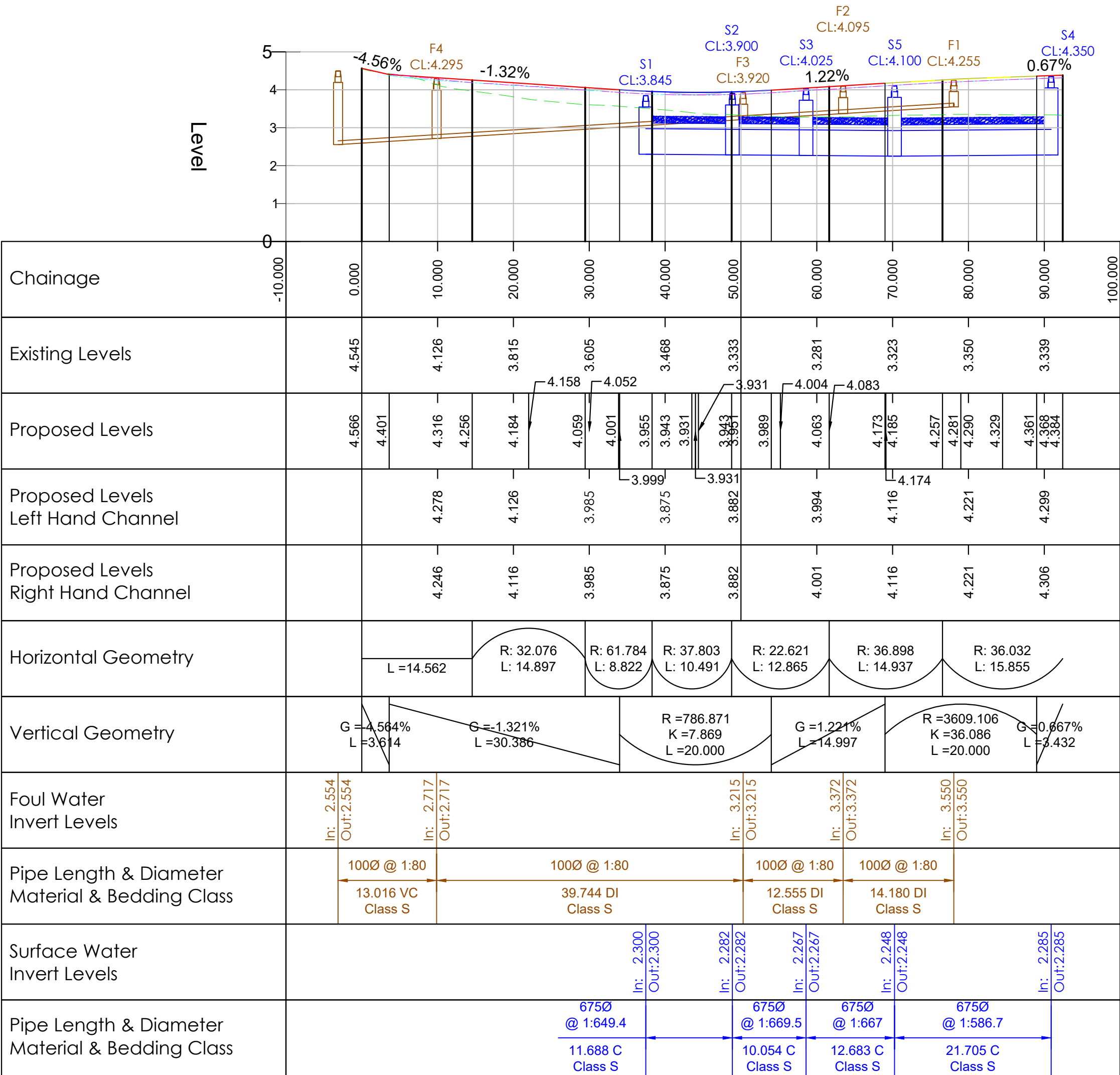
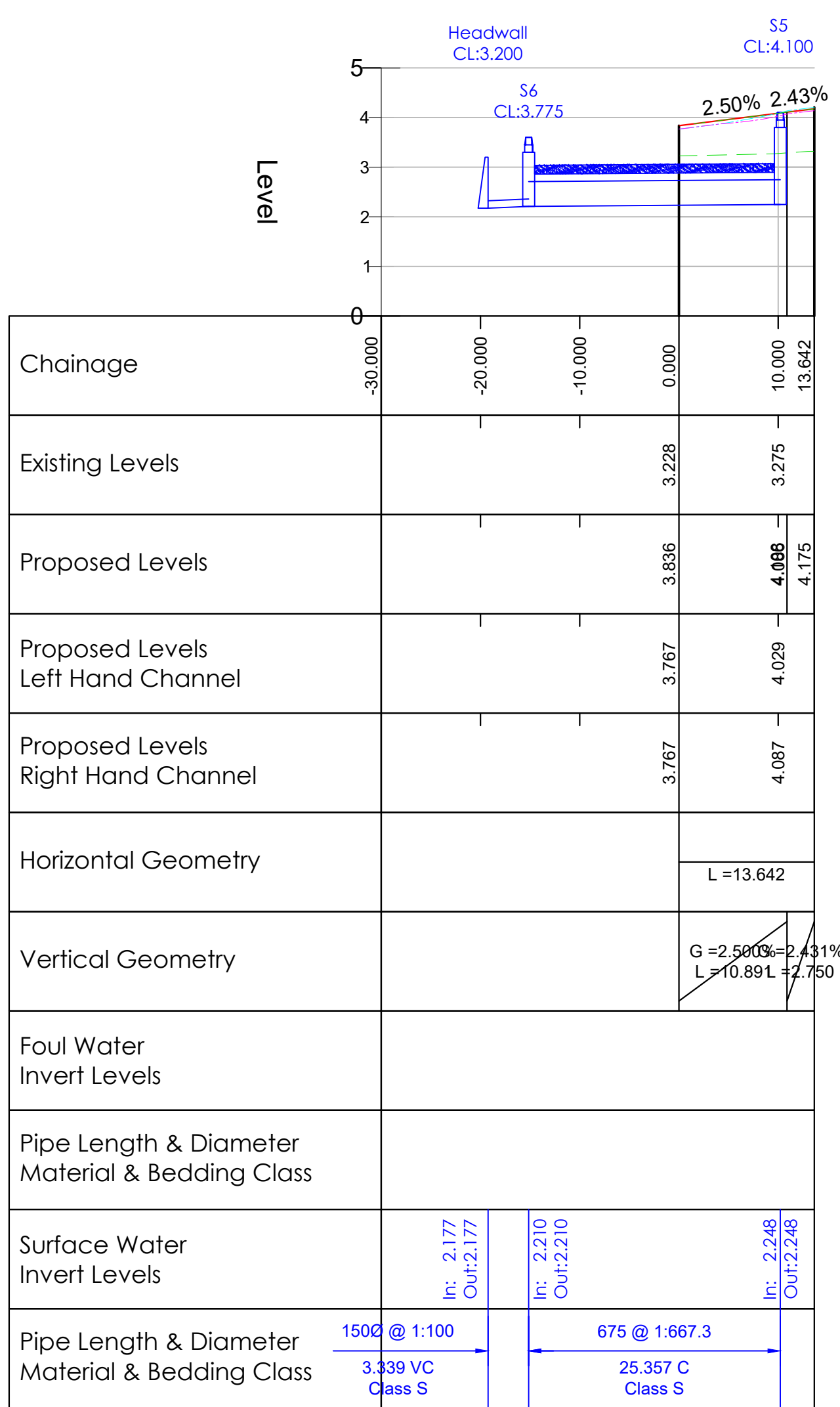


ROAD 1 - LONGSECTION
SCALE: H 1:500,V 1:100. DATUM: 0.000ROAD 2 - LONGSECTION
SCALE: H 1:500,V 1:100. DATUM: 0.000

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.
- 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', and any specific requirements of the approving highway officer.
- Estate road materials to be in accordance with Lincolnshire County Council specifications.
- All manholes located in the adoptable highways to have a minimum cover grades of D400, be 150mm thick and to me marked FW and SW to denote foul water and surface water, respectively.
- It is proposed that all laterals from plots are to be adopted.
- Final connection point levels and locations need to be confirmed prior to commencement of construction.
- 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.
- Manholes and coordinates are given to the centre of manholes. Groundworker to ensure offsets allow minimum benching requirements and offsets from kerbs.
- Generally the first inspection chamber located in the private areas is a demarcation chamber for the AW adoptable lateral. Cover grades to be:
 - D400 - adoptable areas and the main access way.
 - C250 - shared parking areas
 - B125 - private domestic car parking (single dwelling)
 - A15 - soft landscaped and non-vehicle areas.
- All drawings need to be read in conjunction with each other, any discrepancies must be reported back to the engineer immediately.
- Any sewer pipes with less than 1.2m of cover to the top of pipe in the adopted carriageway, less than 1.2m under adopted vehicular crossovers are to receive a concrete cover slab. Where there is very little cover, the pipe is to be ductile iron - refer to longsections for material type. Concrete cover to be confirmed on site.
- Outside of manhole construction and outside of pipelines to be at least 0.5m and 1.0m respectively, from the kerbface. Sewers might need to be offset in the manholes to achieve - to be confirmed on site.
- All details are to be read in conjunction with Anglian Water's standard adoptable drainage details - available from Anglian Water upon request.
- Contractor to ensure that all items are sufficiently protected during construction.
- Cover levels are approximate only, and should be adjusted to suit the final road levels.
- All PPIC's deeper than 1.2m are to be fitted with non-accessible covers.
- All junction nodes are approximate only and are to be confirmed using the final main pipe invert/sffit and location.
- The pipe material definitions are: C (Concrete), VC (Vitrified Clay), DI (Ductil Iron), PS (Polysewer), RD (Rigidrain)

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 belmouth 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 developer's 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.

J	30.04.2020	S11	Longsections updated to reflect AW comments.
H	22.04.2020	S11	S4 cover level updated, concrete cover added to Road 2 surface water sewer.
G	15.04.2020	S11	Road 1 longsection length reduced
F	12.03.2020	S11	Gradient to the end of road 1 updated
E	09.03.2020	S11	Drawing generally updated to reflect drainage layout changes
D	18.02.2020	S11	Drawing generally updated to reflect drainage layout changes
C	05.02.2020	S11	Drawing generally updated. Client name changed.
B	12.12.2019	S11	Drawing generally updated
A	18.03.2019	S11	First Issue
REVISION	DATE	DRAWN	DESCRIPTION



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CLIENT Belmont Contractors

PROJECT Residential Development off Old Main Road, Fleet Hargate

DRAWING Lincolnshire County Council - Section 38 Longsection

DRAWN S11	PROJECT DESIGNER LAR	PROJECT DIRECTOR KB
DATE 18.03.2019	SCALE As Shown	PAPER SIZE A1

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