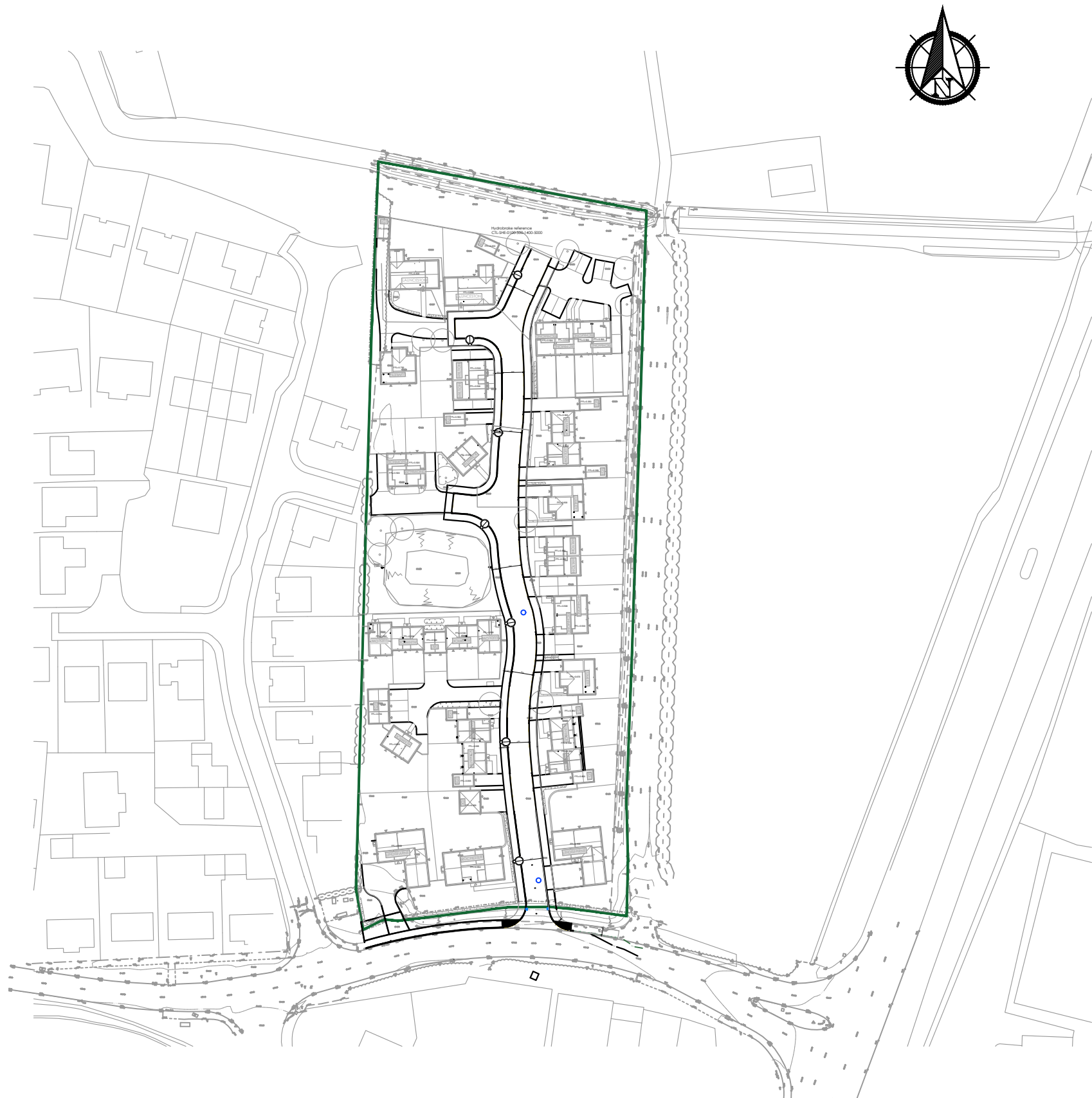




Site Plan (1:500)

Section 38 Key

- Storm Water Manhole for adoption
- Perforated pipe, with size and gradient
- S38-Adoptable area boundary
- S38-Adopted Road
- S38-Adopted filter drain
- Proposed Anglian Water surface water manhole and sewer
- Proposed Anglian Water foul water manhole and sewer
- Proposed Anglian Water surface water inspection chamber - demarcation
- Proposed Anglian Water foul water inspection chamber - demarcation
- Proposed Site Boundary



Location Plan (1:1250)

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 herein 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.

Note:
Construction to be in accordance with
Lincolnshire County Council Highway
Development Road and Sustainable Drainage
Specification and Construction

- STANDARD DRAINAGE NOTES:
1. Adoptable pipes with cover less than 1200mm to be Ductile Iron, Adoptable Pipes with cover more than 1200mm to be Vitrified Clay.
 2. All pipe materials below adoptable Highways to be Vitrified Clay or Ductile iron or concrete.
 3. All pipe materials for private drainage outside of adopted Highways to be PVC.
 4. All gravity pipe runs to be tested to a standing head of 1500mm head of water above the invert at the head of the pipe run (but not exceeding 4000mm at the lower end).
 5. For details of bed and surround requirements refer to long-sections and standard details. In all other situations provide 150mm of 10mm single-sized rounded gravel bedding and surround.
 6. Except where specifically shown otherwise, pipes to be a minimum of 1200mm below roads/driveways and 900mm below gardens/fields.
 7. Ventilating pipes to be provided at the head of each drain and to any branch longer than 6m where a single appliance is connected, or 12m where a group of appliances is connected.
 8. Step-irons shall not be fitted in any chambers unless specified otherwise.
 9. Manhole/Gully covers shall be regulated to suit finished levels and crossfalls.
 10. All proprietary items to be installed in strict compliance with manufacturers instructions and recommendations.
 11. Drains passing beneath buildings to have minimum 100mm granular fill or flexible filling around pipe. Where the pipe crown is within 300mm of the underside of the slab, pipe shall be encased in concrete integral with the slab.
 12. Drains passing through walls below ground level to have minimum 50mm clearance all round and opening in walls to be masked all round with rigid sheet material to prevent ingress of fill or vermin. Openings in walls for pipes shall have concrete lintels to support wall construction above.

- STANDARD ROADS / FOOTPATH NOTES:
1. Subgrade to be proof rolled with one pass of a smooth-wheeled roller having a mass per M-width of roll of not less than 2,100-kg or a Vibrating Roller having a mass per M-width of roll of not less than 700-kg or a Vibrating Plate Compactor having a mass per m2 of not less than 1400-kg. Any soft spots shall be removed and replaced with Type 1 compacted in layers not exceeding 150mm thickness.
 2. All formations are to be treated with an approved herbicide before placing sub-base material on a geotextile separation membrane (Terram 1000 or similar approved).
 3. All sub-base material is to be non-frost-susceptible.

The specification in all respects shall be in accordance with the current Development Road and Sustainable Drainage Specification and Construction publicatin in force in the country 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

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 strctural features shall overhang the adoptable highway

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

F	30.09.2019	S11	Drawing updated to reflect highways comments.
E	14.06.2019	ZEK	Road marking and street lighting added
D	04.06.2019	ZEK	Footpath extension
C	29.05.2019	ZEK	Storm water drainage strategy, drainage details, manhole schedule, revised plan, pond size
B	09.04.2019	ZEK	Highway initial comments (Footpath, S278, S38, M6 cover levels, Kerb details, Filter drain detail, construction details, Chart 1, Colour, added easements, beddings, Vehicle crossings, contours Exceedance)
A	07.03.2019	ZEK	General amendments.
REVISION	DATE	DRAWN	DESCRIPTION

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DRAWN ZEK	PROJECT DESIGNER TBP	PROJECT DIRECTOR KB	
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