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Contractors must verify all dimensions, levels and co-ordinates of the site before commencing any work or making any shop drawings: no dimensions to be taken from drawing.

ALL WORKS TO BE CONSTRUCTED IN ACCORDANCE WITH THE REQUIREMENTS OF LINCOLNSHIRE COUNTY COUNCILS DEVELOPMENT ROAD AND SUSTAINABLE DRAINAGE DESIGN GUIDE AND DEVELOPMENT ROAD AND SUSTAINABLE DRAINAGE SPECIFICATION AND CONSTRUCTION.

- Notes:
- 1) "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
 - 2) 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).
 - 3) In addition, ensure that the first section of any side road falls away 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.
 - 4) "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 developers' own cost at the agreement of the inspecting Highway and Flood Authority Officer".
 - 5) "No Private surface water shall discharge onto the adaptable highway"
 - 6) "No private, structural features shall overhang the adaptable highway".
 - 7) "No private retaining walls exceeding 1.37m shall be within 3.66m of the highway boundary".

P4	Background detail updated	PAE	PAE	23/10/20
P3	Revised to suit comments from LCC.	JW	PAE	30/03/20
P2	Revised to suit comments from LCC, contours amended to suit revised levels, PN 2.000 rev.	JW	PAE	28/02/20
P1	Initial issue	JW	PAE	14/02/20
Rev	Description	Drm	VF'd	Date

As outlined in section 2.3 of the CIB Industry Guidance to Designers, insignificant risks can usually be ignored, as can risks arising from routine construction activities, unless the design compounds or significantly alters these risks. In accordance with CDM Regulations 8, 9 and 11, any significant risks relating to the design features shown on this drawing have been identified and are annotated thus:

- ☒ No significant risks have been identified.
- ☐ Significant risks have been identified - refer to notes on drawing for information on residual risks and any control measures to be employed.

Refer to the current Designer's Risk Assessment sheets for further details.

Designer's Signature JW Date 02/20

Drawing Status REGULATORY APPROVAL

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architecture: engineering: building consultancy

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Project
Proposed Residential Development
Land off Fenside Road,
Boston

Client
Seagate Homes (UK) Ltd

Title
S38 Gully Catchment Areas

WmS Project Ref. 12079 Drawn JW Date 02/2020 Scale 1:500 @ A1

Drawing/Document Reference
Project Originator Zone Level Type Role Number Status Rev.
12079 - WMS - ZZ - XX - DR - C - 39505 - S8 - P4

- S38 Street Lighting Notes
1. Column foundations to be as per SD/14/2A
 2. All columns to be provided with Distribution Network Operator (D.N.O.) Services and Termination Type A to LCC Standard Detail SD/14/4A unless otherwise specified. DNO Cutouts to be fitted with 16Amp BS88 Fuse Link. Double Pole Isolator to be fitted with BS 88 Fuse Link to L.C.C. Appendix 14/4.
 3. Columns to be installed with doors at an angle to ensure operatives working on the column are facing oncoming traffic, unless otherwise agreed with LCC.
 4. Column setbacks shall comply with Table 2 Section 4.3.3.3 of BS 5489-1:2013.
 5. Columns shall not be installed within Drop Kerb areas and shall have a minimum clearance of 1.5m from Drives/Accesses.
 6. Trees must not be planted within 5 metres of proposed lighting columns.
 7. It is preferred that all Street Lighting works are undertaken by L.C.C. Approved Contractors.
 8. Lanterns to be cleaned (during Contractors.
 8. Lanterns to be cleaned (during maintenance period) prior to adoption as detailed in S38 Agreement.
 9. Developer to liaise with Distribution Network Operator (D.N.O.) with regards to connections and disconnections of columns and appropriate block ducting. Where an independent D.N.O. (I.D.N.O.) has been used the cutout must be clearly and indelibly marked with the I.D.N.O. name and contact number.
 10. It is the Developers responsibility to inform property owners of part night street lighting switching where applicable.
 11. All private cabling shall have correct core colour identification as detailed in BS7671. Sleeving of conductors is not permitted.
 12. Due to ongoing technical innovations within the industry, if the street lighting equipment is to be ordered in excess of three years after the drawing approval date, the Authority reserves the right to upgrade the equipment specification.
 13. Lighting has been designed to comply with BS5489-1:2013 Lighting Class P5.

Key:

- Adaptable Highway
- Site Boundary
- Proposed Highway Drain
- Road Gully and Connection
- Vehicle Access Crossing
- Proposed Level
- Proposed carriageway centre line
- Proposed S104 surface water sewer
- Proposed S104 foul sewer
- Proposed CS1 225 x 125 PCC Channel Block

S38 Street Lighting Key

- Proposed 6m galvanised T/S lighting column root protection to G1a (LCC) spec. Column to have vertically mounted TRT Aspect Eco 1.12 LED WW (3000K) Constant Light Output (CLO) General Road 2 (GR2) lens Powerset lantern set to 10W output. Lantern to have LCC Aggressive Dim Regime overridden by internal wiring link. Lantern to have 7-pin NEMA socket c/w Westrie 8480 35/18 lux Part Night (OFF:0000-0600) photocell. Lantern inclination to be 0°.
- Existing lighting column to remain unaffected