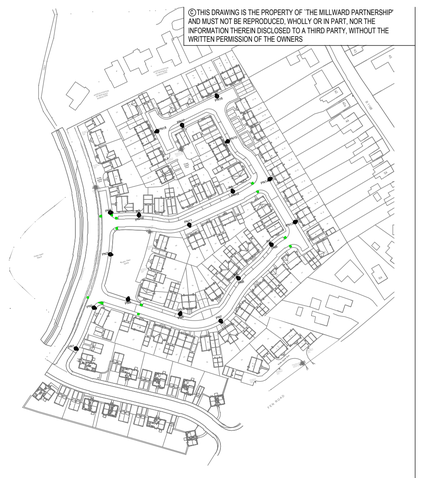
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Overall Site Layout
Scale - 1:2000

N

APPROX POSITION OF NEW BUILD BUNGALOWS

APPROX POSITION OF NEW BUILD BUNGALOWS

Ditch

PN1 PN2 PN3 PN4 PN5 PN6 PN7 PN8 PN9 PN10 PN11 PN12 PN13 PN14 PN15 PN16 PN17 PN18

R/L

Road 1 Road 2 Road 3 Road 4 Road 5 Road 6

Fen Road Development

Private Shared Drive

Public Open Space

Refuse/recycling Collection area Plots 16, 17, 18.

Refuse/recycling Collection area Plots 53, 54, 55.

LED down to dusk Bollard Lights

7m IDB Easement Line

9m IDB Easement Line

Revised IDB Bank Top

Main Site Layout
Scale - 1:250

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. Column setbacks shall comply with Table 2 Section 4.3.3.3 of BS 5489-1:2013.
4. Columns shall not be installed within Drop Kerb areas and shall have a minimum clearance of 1.5m from Drives/Accesses.
5. It is preferred that all Street Lighting works are undertaken by L.C.C Approved Contractors.
6. Lanterns to be cleaned (during maintenance period) prior to adoption as detailed in S38 Agreement.
7. Developer to liaise with Distribution Network Operator (D.N.O.) with regards to connections and disconnections of columns and appropriate black 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.
8. It is the Developers responsibility to inform property owners of part night street lighting switching where applicable.
9. All private cabling shall have correct core colour identification as detailed in BS7671. Sleeving of conductors is not permitted.
10. 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.
11. Lighting has been designed to comply with BS5489-1:2013 Lighting Class P5.

Street Lighting Key

Proposed 6 metre galvanised T/S lighting column c/w column root protection to G1a (LCC) spec. Column to have vertically mounted TRT Aspect Eco 1 12 LED WW (3000K) General Road 1 (GR1) 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 Westire 8480 35/18 lux Part Night (OFF: 0000-0600) photocell. Lantern inclination to be 0°.

R/L Proposed 6 metre galvanised T/S raise and lower lighting column c/w column root protection to G1a (LCC) spec. Column to have vertically mounted TRT Aspect Eco 1 12 LED WW (3000K) General Road 1 (GR1) 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 Westire 8480 35/18 lux Part Night (OFF: 0000-0600) photocell. Lantern inclination to be 0°.

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 (3% CBR)

Tactile Paving

Adoptable Block Paving

- Surface course: 60mm Block Paving (90 degree Herringbone pattern)
- Laying course: Fine aggregate bedding of washed sand or crushed glass (to BS7533-3:2009) compacted to a final thickness of 30mm all in accordance with paving manufacturers recommendations
- Binder Course: Binder course: 90mm - AC20 dense bin 40/60 rec in accordance with BSEN13108.
- Sub Base: 310mm min granular sub base material Type 1 to Clause 803 of the Highway Agency Specification (3% CBR). Thickness dependent upon CBR values (see table)

Note: All block paved carriageways to be Herringbone Pattern with stretcher courses at channel line.

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 (3% CBR)

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 - Standard Construction (refer to Chart 1)

- Surface course: 40mm - AC10 close surf 100/150 in accordance with BSEN13108 to clause 7.3. The Surface Course must be bonded to the Binder Course.
- Binder course: 130mm - AC20 dense bin 40/60 rec laid in a single layer to clause 9.1 or combination of layers not less than 50mm not greater than 100mm in accordance with BSEN13108 assuming kerbing laid prior to surfacing (if two stage construction - kerbing laid at a later stage is used) then initial binder course layer to be 70mm and Total Binder Course thickness becomes 130mm in accordance with clause 1.1.17.
- Sub Base: 310mm Granular sub base material Type 1 to Clause 8.1 of LCCDRS. Thickness derived from site CBR values (3% - see table Chart 1)
  CBR testing to be undertaken at 100m intervals on all road centrelines at formation level to verify the design.

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

All Made ground must be removed.

REV	DATE	BY	DETAILS	CHK'D
B	07.02.20	CMN	Foul drains removed and altered to be private	JMcK
A	25.10.19	CMN	Private road layout altered	JMcK
A0	AMENDMENTS			

NOTES

TITLE: S38 Layout Plan

PROJECT: The Paddocks
Holbeach Meadows
Spalding, Lincolnshire

CLIENT: ASHWOOD HOMES

DATE	CHECKED	APPROVED BY	SCALE	DRAWN	ENGINEER	DRAWING No:	DRAWING STATUS
27/09/19	JMcK	JMcK	1:250	CMN	CMN	MA11102-600	PRELIMINARY

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