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Associated Drawings

This drawing is to be read in conjunction with Millward drawings MA10002 particularly the following:-

MA10002 / 100 Overall Site Location / Key Plan
MA10002 / 202 / 1 to 4 Drainage Construction details and manhole schedules
MA10002 / 204 Proposed Pumping Chamber
MA10002 / 606 / 1 to 4 Carriageway and Longitudinal Sections

Lincolnshire County Council Development Road Specification and Construction 2014 Edition
All other Millward drawings are listed on the project document issue register.

N

Rear Gardens

SUDS

POND
IL 1.900

MHS37 (HEADWALL)
CL 3.200
IL 1.900

S225@1:380 pn9.000 (15.945m)

MHF11
CL 3.465
IL 0.625

MHS44
CL 3.475
IL 1.812 (600Ø)
IL 1.812 (525Ø) pn1.011
IL 1.812 (525Ø) pn9.000
IL 1.812 (450Ø) pn10.005

MHF10
CL 3.170
IL 0.815
IL 0.866

POS

LAP

Existing 150mmØ Foul Water Sewer

Fenceline within easement areas are to be demountable posts and panels for ease of access

Easement of 3m either side of pipe location within development boundary to be written into the deeds of Plots 33, 34, 35, 44, 45, 46, 47 and 48 to stipulate no temporary or permanent structures.

Pump Station (128 units maximum) in accordance with SFA 6th Edition.
Designed in accordance with manufacturers details

Peak Inflow = 1.15 l/s (In accordance with AW)
DWF = 0.54 l/s
Pump rate = 6.16 l/s
Head @ 3.91m
Rising Main Distance @ 29.525m

Emergency Storage 7.9m3
(Anglian Water outfall restrictions are 3.9 l/s into MH7500 in Enterprise Way to the South of the site)

All the above in accordance with AW requirements in Developer Services Drainage Updates 1st April 2015)

Earth electrode and inspection cover to be positioned as close to aerial as possible (leave a bowout 500 x 500mm to fit earth pit if compound is concreted before installtion)

Layout of Pumping Chamber enclosure and mechanical details to be in accordance with Xylem design Q1153765

Direction of Lamp post lowering zone

POWER
MCC Kiosk and plinth

DOWSER

Junction box

Trafficked areas to be adoptable standards (same as main roads within the site) with BN(6) kerbing

Flood light on 4m Lamp Post. Position to be decided by LA/AWS Engineer. Ensure installation to allow post to be lowered to a clear and safe area away from all fences and members to allow ease of maintenance.

1.8m high 225mm thickness brick boundary wall with engineering brick/DPC. Type of brickwork to match proposed dwellings.

75mm air vent pipe and duct type C in accordance with SFA 6th edition to same height as wall

Pumping station compound to be concrete hardstanding

Rising Main: 90mm O.D. PE100

M	31.03.16	JH	GULLY SPACINGS REVISED	JMcK
L	11.03.16	JH	CONTOURS ADDED AT LCC REQUEST	JMcK
K	15.02.16	JH	REVISED IN ACCORDANCE WITH LCC COMMENTS DATED 02-02-2016	JMcK
J	18.01.16	JH	MINOR REVS TO COVERS AND GRADIENTS	JMcK
H	16.12.15	JH	REV IN ACCORDANCE WITH ANGLIAN WATER	JMcK
REV	DATE	BY	DETAILS	CHK'D

A1 AMENDMENTS

NOTES

DRAINAGE KEY

Surface Water Manhole (adopted)
Surface Water Inspection Chamber (450mmØ) (private)
Surface Water Sewer (Adopted)
Surface Water Sewer (Private)
Rodding Eye
Linear Drainage Channel

Foul Water Manhole (adopted)
Foul Water Inspection Chamber (450mmØ) (private)
Foul Water Inspection Chamber (180mmØ) (private)
Foul Water Sewer (Adopted)
Foul Water Sewer (Private)
Sewer Easement

TITLE
PROPOSED DRAINAGE LAYOUT
(Sheet 2 of 6)

PROJECT
Proposed Residential Development
Wardentree Lane, Pinchbeck

CLIENT
ALLISON Homes

DATE	CHECKED	APPROVED BY	SCALE	DRAWN	ENGINEER	DRAWING No:	DRAWING STATUS
February 2015			1:250 @ A1	J Harrison	J McKellar	MA10002 / 201-2 rev M	Tender

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