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POS

Foul Water Sewer

easement areas are
le posts and panels
ss

either side of pipe
velopment boundary to
e deeds of Plots 33, 34,
7 and 48 to stipulate no
manent 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 boxout 500 x 500mm to fit earth pit if compound is concreted before installtion)

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

Kiosk and concrete hardstanding in accordance with SFA 6th Edition

Tanker hard standing

Proposed concrete bollards

Proposed 3.8m width and 1.8m high galvanised mild steel palisade double leaf vertical gates to Anglian Water Requirements.

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

Direction of Lamp post lowering zone

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 chambers 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 SDR17 (79mm ID) Rising Main will be directionally drilled as required.

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.

REV	DATE	BY	DETAILS	CHK'D
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

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 (150mmØ) (private)
Foul Water Sewer (Adopted)
Foul Water Sewer (Private)
Sewer Easement

TITLE
PROPOSED DRAINAGE LAYOUT
(Sheet 3 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 / 201-3 rev M	Tender

millward
t: 0115 941 4560
no.1 malin hill, nottingham ng1 1jq
e: info@millward.co.uk w: www.millward.co.uk