IF IN DOUBT – ASK

Notes

THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE CONSTRUCTION (DESIGN and MANAGEMENT) REGULATIONS 2007.

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH:- LEES ROXBURGH DRAWING SERIES 5538, ARCHITECTS and DESIGNERS DRAWINGS AND DETAILS.

ATTENUATION STORAGE BASED ON MAXIMUM ALLOWABLE DISCHARGE AS FOLLOWS:

1in30 Yr 29L/S
1in100 Yr 35L/S

STORAGE TO BE LOCATED WITHIN PIPE NETWORK UP TO AND INCLUDING THE 1:100 YEAR EVENT UTILISING 900 & 1200Ø PIPES AND 2.4 & 2.7m MANHOLES AS SHOWN.

SURFACE WATER RISING MAIN TO EXISTING MANHOLE 4603 SUBJECT TO CONFIRMATION BY UNITED UTILITIES. UNITED UTILITIES TO CONFIRM LOCATION OF EXISTING HYDROBRAKE. UPON RECEIPT OF UNITED UTILITIES COMMENTS, OUTFALL CONNECTION TO BE AMENDED TO SUIT AS REQUIRED.

COMBINED SEWER DIVERSION SUBJECT TO S185 APPROVAL.

PUMP STATION AND RISING MAINS SUBJECT TO PUMPING STATION DESIGNERS PROPOSALS. RISINGS MAIN ROUTE AND DEPTH SUBJECT TO SERVICES, TO BE LAID AT 1.2m MINIMUM DEPTH. WASH OUT AND AIR VENT CHAMBERS AS REQUIRED. TERMINATION MANHOLE REQUIRED TO ALLOW GRAVITY CONNECTION TO EXISTING SEWER NETWORKS.

NOTES

ALL LEVELS AND DRAINAGE ARE SUBJECT TO DETAILED DESIGN

EXISTING INVERT LEVELS TO BE CONFIRMED ON SITE.

KEY

- SITE BOUNDARY
- EXISTING SW SEWER
- EXISTING FW/COMBINED SEWER
- EXISTING COMBINED SEWER TO BE ABANDONED
- PROPOSED S185 COMBINED SEWER DIVERSION
- PROPOSED ADOPTABLE FOUL SEWER
- PROPOSED ADOPTABLE SURFACE SEWER
- PROPOSED SW RISING MAIN
- PROPOSED FW RISING MAIN
- (RISING MAINS TO HAVE 1.2m COVER. ACTUAL DEPTH AND ROUTE SUBJECT TO DETAILED DESIGN AND LOCATION OF EXISTING SERVICES)
- PROPOSED EASEMENT
- DUAL PUMP STATION COMPOUND
- POTENTIAL AREA FOR FLOODING FROM 1:100Yr + CC
- ROAD GULLY
- DOUBLE ROAD GULLY
- SURFACE WATER DRAGOUT
- FOUL DRAGOUT
- UNDERBUILD (mm) SUBJECT TO DETAILED DESIGN
- RETAINING WALL (mm) SUBJECT TO DETAILED DESIGN
- INDICATIVE NEWT CROSSING LOCATION - SUBJECT TO DESIGN

FOR DRAINAGE CONSTRUCTION DETAILS REFER TO UNITED UTILITIES STANDARD DETAILS

150mm DIA HEPSLEEVE OR SIMILAR APPROVED FOR ALL PRIVATE CONNECTIONS TO SEWERS/MANHOLES

320140815p

Rev	REVISION	By	Date
D	AMENDED TO LAYOUT REV P13	CB	05.09.14
C	PUMP STATION COMPOUND AMENDED	CB	27.08.14
B	SW RISING MAIN CONNECTION AMENDED TO SHOW EXISTING HYDROBRAKE. ISSUED FOR UU COMMENTS	CB	27.08.14
A	REVISED TO INCORPORATED AMENDED LAYOUT. CLIENT DETAILS UPDATED	CB	05.08.14

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WHALLEY

PRELIMINARY DRAINAGE AND LEVELS

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Job No.	Drawing No.	Revision
5538	01–01	D

Scale 1:250@A0	Date AUGUST 2014	
Drawn By	Designed By	Checked By
CB	CB	JEL

DRAWING FILE LOCATION:-