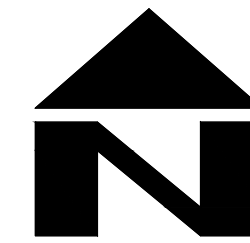


DESIGN SUBJECT TO THE CONFIRMATION OF:
EXTERNAL LEVELS DESIGN

- DRAINAGE LAYOUT SUBJECT TO EXTERNAL LEVELS DESIGN BY OTHERS
- RWP_s AND FW SOIL STACK POSITIONS ASSUMED - TO BE CONFIRMED BY ARCHITECT



 Existing foul water sewer/drain and manhole

 Existing foul/surface water sewer/drain and manhole to be abandoned

The diagram illustrates a cross-section of a storm water sewer system. At the top, a blue line represents the ground surface. Below it, a blue 'X' marks the location of a storm water sewer drain. A blue circle represents the storm water access chamber (300Ø). Below this, a blue circle represents the storm water inspection chamber (450Ø). A blue rectangle represents the geocellular soakaway. A blue line represents the finished floor level. A blue line represents the 11.050 elevation. A blue line represents the 1000 4.5m 1:100 gradient. A blue line represents the 7 BED. A blue line represents the 11.050 elevation.

Storm water sewer/drain

Rodding eye

Rainwater pipe

Storm water access chamber (300Ø)

Storm water inspection chamber (450Ø)

Geocellular Soakaway

Foul water sewer/drain

Soil stack (type TBC by architect/m&e engineer)

Foul water inspection chamber (450Ø)

Finished floor level

11.050

1000 4.5m 1:100

7 BED

PIPE INFO - DIAMETER, LENGTH, GRADIENT, BEDDING TYPE

1. DO NOT SCALE FROM THIS DRAWING. REFER TO FIGURED DIMENSIONS ONLY. THE CONTRACTOR SHOULD CHECK ALL DIMENSIONS ON SITE.
2. ALL DIMENSIONS IN MILLIMETRES AND ALL LEVELS ARE IN METERS UNLESS NOTED OTHERWISE.
3. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ARCHITECT AND ENGINEERING DETAILS, DRAWINGS AND SPECIFICATIONS.
4. ANY DISCREPANCIES SHOULD BE REPORTED TO THE ARCHITECT AND/OR ENGINEER IMMEDIATELY, SO THAT CLARIFICATION CAN BE SOUGHT PRIOR TO THE COMMENCEMENT OF WORK.
5. BEFORE COMMENCING CONSTRUCTION THE CONTRACTOR MUST CHECK THE INVERT LEVELS OF EXISTING SEWERS TO WHICH CONNECTIONS ARE MADE. IN ADDITION THE CONTRACTOR MUST LOCATE AND IDENTIFY ALL EXISTING INVERT LEVELS OF THE EXISTING SPURS TO WHICH CONNECTIONS ARE PROPOSED. ANY DISCREPANCIES ARE TO BE NOTIFIED TO THE ENGINEER IMMEDIATELY, PRIOR TO CONSTRUCTION.
6. ALL DRAINAGE WORKS SHOULD COMMENCE AT THE PROPOSED DOWNSTREAM CONNECTION POINT. THE WORKS CONTINUING UP TO FOLLOWING DOWN CONFIRMATION OF THE IN-PIPE INVERT LEVELS TO THE ENGINEER. CONNECTIONS TO MANHOLES OR LARGER SIZED PIPES ETC. SHOULD BE SOFFIT TO SOFFIT CONNECTIONS HERETOFORE CONSTRUCTED BY THE ENGINEER. IF THIS IS NOT POSSIBLE INFORM THE ENGINEER IMMEDIATELY.
7. COVER LEVELS SHOWN ARE APPROXIMATE. COVERS AND FRAMES SHALL BE SET TO FINISHED GROUND LEVELS AND FALLS.
8. ALL UN-REFERENCED PIPES ARE ASSUMED TO BE 100mm DIA.
9. ROAD GULLY OUTLET PIPES ARE TO BE 150mm DIA. WITH CONCRETE SURROUND AND FLEXIBLE JOINTS. ALL GULLIES SHALL BE FITTED WITH GRADE D400 GRATINGS AND FRAMES TO BS EN124, UNLESS OTHERWISE STATED.
10. ALL PRIVATE DRAINAGE TO BE IN ACCORDANCE WITH THE BUILDING REGULATIONS FINISHED DRAINAGE PART-4, AND TO THE SATISFACTION OF THE BUILDING CONTROL INSPECTOR.
11. THE CONTRACTOR IS TO KEEP A RECORD OF ANY VARIATIONS MADE ON SITE, INCLUDING THE RELOCATION OF SEWERS OR DRAINS, SO THAT AN AS CONSTRUCTED DRAWING CAN BE PREPARED UPON COMPLETION OF THE PROJECT.
12. IF ANY SUB SOIL DRAINAGE SYSTEMS ARE UNCOVERED DURING THE WORKS CONTACT THE ENGINEER FOR INSTRUCTIONS. SUB SOILS ARE TO BE EXPOSED TO THE SURFACE OF NEW WORKS AND CONNECTED INTO THE SURFACE WATER.
13. ALL EXISTING MANHOLE COVERS, GULLIES, ETC. ARE TO BE RAISED/LOWERED TO SUIT NEW LEVELS.

CP - CATCHPIT
MH - MANHOLE
IC - INSPECTION CHAMBER
AC - ACCESS CHAMBER
RE - RODDING EYE
IL - INVERT LEVEL
SL - SUMP LEVEL
CL - COVER LEVEL

P = PRELIMINARY	Shall <u>not</u> be used for contract or construction purposes
T = TENDER	Shall not be used for construction purposes
C = CONSTRUCTION	These are the only drawings that shall be used for construction purposes
R = RECORD	Record of actual completed work

P1	25.08.21	REVISED TO SUIT ADC COMMENTS	LH	CS	CS
P-	12.02.20	PRELIMINARY ISSUE	LH	CS	CS
REV	DATE	DESCRIPTION	BY	CHK	APP



CLIENT	MR LEE BEAUMONT
ARCHITECT	HEYLER DAVIES ARCHITECTS LTD
JOB TITLE	40 ELM GROVE BARNHAM

DRAWING TITLE
DRAINAGE LAYOUT

DRAWN LH	ENGINEER CS	CHECKED CS	APPROVED CS
DATE OCT 2019		SCALE @ A1 1:100	
JOB No. C1268	STATUS P	DRAWING No. 100	REV. P1

PRELIMINARY

