LEGEND

- SITE BOUNDARY
- 33.120 PROPOSED LEVEL (mAOD)
- 1:80 PROPOSED GRADIENT
- FFL 68.980 PROPOSED FINISHED FLOOR LEVEL (mAOD)
- FGL 68.980 PROPOSED FINISHED GARAGE LEVEL (mAOD)
- 1 x STEP PROPOSED STEPS, HANDRAILS ARE REQUIRED WHERE FLIGHT COMPRISES THREE OR MORE RISERS. EACH STEP IS UNIFORM WITH AN UNOBSTRUCTED WIDTH OF 900mm. THE GOING OF EACH STEP IS NOT LESS THAN 280mm AND THE RISE IS 150mm
- 64.21 EXISTING LEVEL (mAOD). SEE NOTE 22
- 100.00 PROPOSED HIGHWAY CONTOURS. SEE NOTE 19.
- RAISED DPC/TANKING/WATERPROOFING SEE NOTE 20
- EXPOSED BRICKWORK/UNDERBUILD
- RETAINING WALL PROPOSED RETAINING WALL
- CGB (150) PROPOSED CONCRETE GRAVEL BOARD
- RG HIGHWAY GULLY AND LEAD. REFER TO HCC10/D/015. FINAL GULLY POSITIONS TO BE DETERMINED BY THE SITE ENGINEER TO AVOID CONFLICT WITH EXISTING SERVICES. GULLY CONNECTION TO HAVE 1:10 MAXIMUM GRADIENT, IN THE EVENT OF STEEPER GRADIENTS A BACKDROP IS REQUIRED AT MANHOLE. MINIMUM GRADIENT TO BE 1:150
- YG DOMESTIC SURFACE WATER YARD GULLY WITH 100Ø CONNECTION. REFER TO ODYSSEY DRAWING 17-110/2011 FOR DETAILS
- S104 ADOPTABLE FOUL SEWER AND MANHOLE (PIPE NO./GRADIENT/PIPE SIZE)
- S104 ADOPTABLE SURFACE WATER SEWER AND MANHOLE (PIPE NO./GRADIENT/PIPE SIZE)
- PROPOSED PRIVATE SURFACE WATER SEWER
- PROPOSED PRIVATE FOUL WATER SEWER
- INTERNAL/EXTERNAL FOUL CONNECTION.
- TYPE 3 SURFACE WATER INSPECTION CHAMBER
- TYPE 3 FOUL INSPECTION CHAMBER
- HIGHWAY ADOPTABLE SURFACE WATER SEWER AND MANHOLE (PIPE NO./GRADIENT/PIPE SIZE)
- PROPOSED PRIVATE STREET LIGHTING. SEE SSE DRAWING 'SSE251853-LD-001-A' AND 'SSE251853-AC-001-A' FOR SPECIFICATIONS.
- PROPOSED ADOPTABLE STREET LIGHTING. SEE SSE DRAWING 'SSE251853-LD-001-A' AND 'SSE251853-AC-001-A' FOR SPECIFICATIONS.
- FILTER DRAIN. 0.5m WIDE, 0.5m DEEP. REFER TO ODYSSEY DRAWING 17-110/2011
- PROPOSED BLISTER TACTILE PAVING COLOUR BUFF. REFER TO HCC10/C/060.
- TREE ROOT PROTECTION ZONES
- PROPOSED CONCRETE HEADWALL. REFER TO ODYSSEY DRAWING 17-110/2012 FOR DETAILS.
- PROPOSED BAGWORK HEADWALL. REFER TO ODYSSEY DRAWING 17-110/2012 FOR DETAILS.
- RODDING EYE AND INVERT LEVEL (PRIVATE MANAGEMENT COMPANY)
- THRESHOLD DRAIN TO DISCHARGE INTO SURFACE WATER NETWORK. REFER TO ODYSSEY DRAWING 17-110/2011 FOR DETAILS
- ACO DRAIN REFER TO ODYSSEY DRAWING 17-110/2011 FOR DETAILS
- SERVICE MARGIN

NOTES

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELATED DRAWINGS ISSUED BY THE ARCHITECT AND ENGINEER, SEWERS FOR ADOPTION SEVENTH EDITION, HAMPSHIRE COUNTY COUNCIL STANDARDS AND NHBC STANDARD DETAILS.
2. DO NOT SCALE FROM THIS DRAWING. WORK FROM FIGURED DIMENSIONS ONLY.
3. ALL DIMENSIONS SHOWN IN METRES UNLESS NOTED OTHERWISE.
4. ALL DIMENSIONS, LEVELS AND SURVEY GRID CO-ORDINATES ARE TO BE CHECKED ONSITE AND THE ENGINEER NOTIFIED IMMEDIATELY OF ANY DISCREPANCIES PRIOR TO THE COMMENCEMENT OF THE WORKS.
5. NO DEVIATION FROM THE DETAILS SHOWN ON THIS DRAWING IS PERMITTED WITHOUT PERMISSION FROM THE ENGINEER.
6. ALL TESTING REQUIRED TO OBTAIN ADOPTION FROM SOUTHERN WATER (DRAINAGE) IS TO BE CARRIED OUT AT THE CONTRACTORS EXPENSE.
7. PRIVATE FOUL WATER AND SURFACE WATER DRAINAGE IS TO BE CONSTRUCTED IN ACCORDANCE WITH THE BUILDING REGULATIONS, BS EN 752, NHBC STANDARDS CHAPTER 5.3 AND RELEVANT AGREEMENT CERTIFICATES.
8. PRIVATE DRAINS TO BE CONSTRUCTED USING FLEXIBLY JOINTED VITRIFIED CLAY PIPES TO BS 65 "SUPER STRENGTH" SPECIFICATION (HEPWORTH SUPERSLEVE OR SIMILAR APPROVED) OR UPVC BUILDING DRAINAGE SYSTEM PIPEWORK TO BS EN 1401, BEDDED AND BACKFILLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS AND THE SPECIFICATIONS LISTED IN NOTE 1.
9. INSPECTION CHAMBER SIZES ARE TO BE IN ACCORDANCE WITH THE BUILDING REGULATIONS PART H; TABLE 11 AND MANHOLE SIZES TABLE 12.
10. BACKFILLING OF DRAIN TRENCHES ADJACENT TO DWELLINGS OF OTHER STRUCTURES TO BE IN ACCORDANCE WITH THE BUILDING REGULATIONS PART H; DIAGRAM 8.
11. INSPECTION CHAMBER COVERS IN PRIVATE AREAS SHOULD BE GROUP 1 CLASS A15, IN PEDESTRIAN AREAS INACCESSIBLE TO WHEELED VEHICLES AND GROUP 4 CLASS D400 IN VEHICULAR AREAS.
12. ALL SOIL VENT PIPE, STUB STACKS, AIR ADMITTANCE VALVES AND RAIN WATER PIPE LOMATIONS ARE INDICATIVE ONLY. FOR ACTUAL LOMATIONS REFER TO ARCHITECTURAL PLANS AND ELEVATIONS.
13. TRAPPED GULLIES SITUATED IN AREAS ACCESSIBLE TO WHEELED VEHICLES TO BE OF SUITABLE CONSTRUCTION - HEPWORTH CODE RGP7 GULLY POT WITH IN SITU CONCRETE BED AND SURROUND, FITTED WITH DRAINAGE CASTINGS CODE TD651 GRATING AND FRAME (OR SIMILAR APPROVED).
14. SURFACE WATER FROM PRIVATE AREAS IS NOT TO BE DISCHARGED ONTO ADOPTABLE AREAS.
15. DRAINS TO BE CONSTRUCTED UNDER DWELLINGS WITH SUSPENDED FLOOR SLABS SHOULD EITHER BE INSTALLED USING A PROPRIETARY HANGER SYSTEM WHERE "BEAM AND POT" OR SIMILAR CONSTRUCTION IS USED, OR SHOULD BE CAST INTO LOMAL SLAB THICKENING WHERE REINFORCED CONCRETE GROUND SLABS ARE TO BE POURED IN SITU.
16. DRAINS IN AREAS OF MADE GROUND TO BE CONSTRUCTED BY FIRST MAKING UP THE AREA TO APPROXIMATELY FINISHED LEVEL AND THEN EXCAVATE THROUGH THE FILL MATERIAL INTO UNDISTURBED GROUND. THE DRAIN TRENCH IS THEN TO BE BACKFILLED TO FORMATION LEVEL USING SUITABLE GRANULAR FILL MATERIAL WELL COMPACTED IN LAYERS NOT EXCEEDING 225 THICK.
17. ALL RWPS TO HAVE RODDING ACCESS.
18. ALL FOUL AND SURFACE WATER DRAINAGE PIPES WITHIN PRIVATE AREAS TO BE 100mm Ø UNLESS SPECIFIED OTHERWISE.
19. CONTOURS SHOWN ON THIS DRAWING ARE AT 20mm VERTICAL INTERVALS.
20. WATERPROOFING TO BE INSTALLED IN ACCORDANCE WITH NHBC CHAPTER 5.4 BY SUPPLIER/CONTRACTOR FROM DPC/FFL DOWNWARDS INCLUDING STEPPED FLOORS MORE THAN 150mm. RAISED DPC / TANKING / WATERPROOFING SHOWN ON THIS DRAWING IS IN AREAS WHERE FINISHED GROUND LEVEL IS LESS THAN 150mm BELOW FFL EXPOSED BRICKWORK/UNDERBUILD HAS BEEN INDICATED WHERE EXTERNAL LEVELS ARE GREATER THAN 150mm BELOW FFL. REFERENCE SHOULD BE MADE TO THE STANDARD DETAILS PRODUCED BY THE DEVELOPER, ARCHITECT AND STRUCTURAL ENGINEER FOR THE SPECIFIC CONSTRUCTION TYPE OF THE PLOT.
21. IN COMPLIANCE WITH CDM 2015 OM MARKIDES HAS FOLLOWED IT'S DESIGN RISK MANAGEMENT PROMESS FOR HAZARD ELIMINATION AND RISK REDUCTION IN DEVELOPING THE ODYSSEY MARKIDES DESIGNS SHOWN ON THIS DRAWING. THERE ARE NO ABNORMAL OR UNUSUAL RESIDUAL RISKS ASSOMIATED WITH THE DESIGN. ANY OTHER RESIDUAL RISKS ARE THOSE THAT WOULD NORMALLY BE EXPECTED BY COMPETENT PERSONS OR CONTRACTORS ENGAGED ON WORK OF THIS NATURE OR TYPE.
22. TOPOGRAPHICAL SURVEY HAS BEEN PROVIDED BY LINDEN HOMES. ODYSSEY DOES NOT TAKE RESPONSIBILITY FOR THE ACCURACY OF THE SURVEY INFORMATION.
23. SITE LAYOUT HAS BEEN PROVIDED BY LINDEN HOMES

SUBJECT TO TECHNICAL APPROVAL

Rev	Amendments	Drn	Chk	App	Date
G	UPDATES TO SUIT S38 COMMENTS	BA	RM	LH	02.12.19
F	OUTFALL PIPE UPDATED TO 450mmØ. UPDATES TO SUIT S38 COMMENTS	BA	THR	RM	11.11.19
E	PRIVATE DRAINAGE UPDATES NEAR S68. UPDATED TO SUIT S104 PACK.	THR	RM	RM	29.08.19
D	MH F59 INVERT LEVEL UPDATED. STUBS ADDED TO PLOT 289	RM	RM	LH	13.08.19
C	UPDATED TO SUIT RSA COMMENTS. UPDATES TO MANHOLES S68. HIGHWAY ADOPTABLE SURFACE WATER SEWER ADDED.	BAM	RM	LH	26.07.19
B	UPDATES TO PRIVATE DRAINAGE DUE TO SUIT WITH SERVICE MARGINS. BASIN DETAILS UPDATED. JUNCTION CONTOURS ADDED.	BAM	RM	RM	05.07.19
A	UPDATES TO HOUSE BLOCKS, LEVELS AND PRIVATE DRAINAGE. UPDATES TO ADOPTABLE DRAINAGE TO SUIT SOUTHERN WATER COMMENTS AND AS BUILT INFORMATION.	BAM	THR	LH	20.06.19

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Job Title
WOODCROFT FARM, HAVANT
PHASE 1B

Drawing Title
ENGINEERING LAYOUT
SHEET 3 OF 3

Client
Linden Homes

Scale	Date	Designed
1:250 @A1	FEB 2019	RM
Drawn	Checked	Approved
TSB	RM	LH
Job No	Drawing No	Rev
17-110	17-110/2210	G

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