LEGEND

- DEVELOPMENT BOUNDARY
- FFL 7.45 — PROPOSED FINISHED FLOOR LEVEL (mAOD)
- FGL 7.30 — PROPOSED FINISHED GARAGE LEVEL (mAOD)
- (87.700) — BOUNDARY LEVEL (mAOD)
- x87.700 — PROPOSED LEVEL (mAOD)
- 1:40 — PROPOSED GRADIENT
- 85.500 — PROPOSED CONTOURS (SEE NOTE 6)
- 90.00 — CAMPBELL REITH PROPOSED CONTOURS
- PROPOSED RETAINING WALL
- PROPOSED CONCRETE GRAVEL BOARD
- RAISED DPC/TANKING
- EXPOSED BRICKWORK/UNDERBUILD
- ADOPTABLE FOUL WATER SEWER AND MANHOLE
- ADOPTABLE SURFACE WATER SEWER AND MANHOLE
- PRIVATE FOUL DRAIN
- PRIVATE SURACE WATER DRAIN
- TYPE 3 FOUL INSPECTION CHAMBER
- TYPE 3A FOUL INSPECTION CHAMBER
- TYPE 3 SURFACE WATER INSPECTION CHAMBER
- RODDING EYE
- ORIFICE FLOW CONTROL DEVICE
- DIFFUSER UNIT
- FILTER DRAIN
- ACO DRAIN
- THRESHOLD DRAIN
- ADOPTABLE ROAD GULLY AND CONNECTION (REFER TO WSCC STANDARD DETAIL S278/38/11)
- PROPOSED PERMEABLE BLOCK PAVING
- INDICATIVE SERVICE CORRIDOR
- EXISTING FOUL WATER SEWER AND MANHOLE
- EXISTING SURFACE WATER SEWER AND MANHOLE
- YG — DOMESTIC SURFACE WATER YARD GULLY WITH 100Ø CONNECTION.
- RD — BACKDROP INSPECTION CHAMBER (WAVIN OR SIMILAR APPROVED)
- 0.8KLM LIGHTING COLUMN. REFER TO SIGNIFY PROPOSED LIGHTING LAYOUT
- 1KLM LIGHTING COLUMN. REFER TO SIGNIFY PROPOSED LIGHTING LAYOUT
- 2KLM LIGHTING COLUMN. REFER TO SIGNIFY PROPOSED LIGHTING LAYOUT
- SHED 1.2m x 1.8m. REFER TO LINDEN HOMES STANDARDS FOR DETAILS.

150mm FOUL WATER SPUR PROVIDED TO ACCOMMODATE A PEAK FLOW OF 2.25l/s FROM PROPOSED EXTRA CARE FACILITY IL 82.443

375mm SURFACE WATER SPUR PROVIDED TO ACCOMMODATE 0.322ha OF IMPERMEABLE AREA FROM PROPOSED EXTRA CARE FACILITY IL 82.743

CONTRACTOR TO REVIEW OPTION TO RELAY STUB

STUB SIZE AND CONNECTION TYPE TO BE CONFIRMED ON SITE.

ANGLED CONNECTION AS-BUILT/AGREED ON SITE

PARKING COURT 1

ROAD 01

ROAD 02

ROAD 03

PERMEABLE PAVING (PP10) 300mm DEEP VOID RATIO 30%

FLOW CONTROL CHAMBER ORIFICE SIZE 35mm

RWP TO BE ADJUSTED TO SUIT CONNECTION TO DIFFUSER

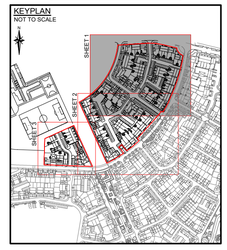
FOR CONTINUATION SEE ODYSSEY DRAWING NUMBER 18-043/201

NOTES

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELATED DRAWINGS ISSUED BY THE ARCHITECT AND ENGINEER, SEWERS FOR ADOPTION SIXTH/SEVENTH EDITION, WEST SUSSEX COUNTY COUNCIL STANDARDS AND LINDEN HOMES STANDARDS.
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. CONTOURS SHOWN ON THIS DRAWING ARE AT 20mm VERTICAL INTERVALS.
7. THIS DRAWING IS BASED ON THE LAYOUT PROVIDED BY OSP ARCHITECTURE. DRAWING REFERENCE 18030 - P101AA .
8. THE TOPOGRAPHICAL SURVEY HAS BEEN PROVIDED BY SITELINE. DRAWING REFERENCE: 258KV01 DATED: NOV 2018. AS SUCH ODYSSEY DOES NOT TAKE RESPONSIBILITY FOR THE ACCURACY OF THIS INFORMATION.
9. WATERPROOFING TO BE INSTALLED IN ACCORDANCE WITH NHBC CHAPTER 5.4 BY SUPPLIER/CONTRACTOR FROM DPC DOWNWARDS INCLUDING STEPPED FLOORS MORE THAN 150mm, RAISED DPC 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.
10. 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.
11. PRIVATE DRAINS TO BE CONSTRUCTED USING 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.
12. INSPECTION CHAMBER SIZES ARE TO BE IN ACCORDANCE WITH THE BUILDING REGULATIONS PART H; TABLE 11 AND MANHOLE SIZES TABLE.
13. BACKFILLING OF DRAIN TRENCHES ADJACENT TO DWELLINGS OF OTHER STRUCTURES TO BE IN ACCORDANCE WITH THE BUILDING REGULATIONS PART H; DIAGRAM 8.
14. 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.
15. ALL SOIL VENT PIPE, STUB STACKS, AIR ADMITTANCE VALVES AND RAIN WATER PIPE LOCATIONS ARE INDICATIVE ONLY. FOR ACTUAL LOCATIONS REFER TO ARCHITECTURAL PLANS AND ELEVATIONS.
16. SURFACE WATER FROM PRIVATE AREAS IS NOT TO BE DISCHARGED ONTO PROPOSED HIGHWAY.
17. ALL RWP'S TO HAVE RODDING ACCESS.
18. ALL FOUL AND SURFACE WATER DRAINAGE PIPES WITHIN PRIVATE AREAS TO BE 100mm Ø UNLESS SPECIFIED OTHERWISE.
19. FIRST SURFACE WATER INSPECTION CHAMBERS TO BE 600mm DEEP UNLESS SPECIFIED OTHERWISE.
20. FIRST FOUL SEWER INSPECTION CHAMBERS TO BE 750mm DEEP UNLESS SPECIFIED OTHERWISE.
21. IN COMPLIANCE WITH CDM 2015 ODYSSEY HAS FOLLOWED IT'S DESIGN RISK MANAGEMENT PROCESS FOR HAZARD ELIMINATION AND RISK REDUCTION IN DEVELOPING THE ODYSSEY DESIGNS SHOWN ON THIS DRAWING. THERE ARE NO ABNORMAL OR UNUSUAL RESIDUAL RISKS ASSOCIATED 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. FOUL AND SURFACE DRAINAGE SUBJECT TO TECHNICAL APPROVAL FROM THAMES WATER.
23. BOUNDARY LEVELS HAVE BEEN TAKEN FROM A COMBINATION OF CAMPBELL REITH DRAWING 11950-2DEF-CE101 AND TOPOGRAPHICAL SURVEY 258KV01 UNDERTAKEN BY SITELINE.

CONSTRUCTION ISSUE

KEYPLAN
NOT TO SCALE



Rev	Amendments	Drn	Chk	App	Date
P	PLOT 108-111 REAR GARDEN LEVELS UPDATED	LS	RM	LH	13.09.21
N	PLOT 104-118 PRIVATE DRAINAGE UPDATED AND HARDWICK PLOTS PRIVATE FOUL DRAINAGE UPDATED	SOM	RM	LH	01.06.21
M	PLOT 44-52 ACCESS UPDATED	LS	RM	LH	30.04.21
L	VISITOR BAY REMOVED AND DRAINAGE AMENDED.	JA	RM	LH	09.02.21
K	UPDATES TO UTILITY DOORS FOR PLOTS 87, 88, 101 AND 127.	JA	RM	LH	12.10.20
J	UPDATES TO SHEDS, LEVELS AND PLOT DRAINAGE	JA	RM	LH	22.09.20
H	RWP CONNECTIONS AMENDED TO GARAGES TO PLOTS 1-5, 59-60, 86-87	LP	RM	LH	24.06.20
G	UPDATED TO SUIT CAMPBELL REITH HIGHWAY DESIGN; PRIVATE DRAINAGE UPDATED.	JA	RM	LH	20.03.20

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Job Title
KILNWOOD VALE, HORSHAM
PARCEL 2D, 2E & 2F

Drawing Title
ENGINEERING LAYOUT
SHEET 1 OF 3

Client
Linden HOMES

Scale	Date	Designed
1:250 @ A1	MAR 19	SG
Drawn	Checked	Approved
JA	SG	LH
Job No	Drawing No	Rev
18-043	18-043/200	P

P:\18-043 - Kilnwood Vale, Horsham\Tech\Acad\Drawings\200 Series\18-043-200 Engineering Layout Sheet 1 of 3.dwg