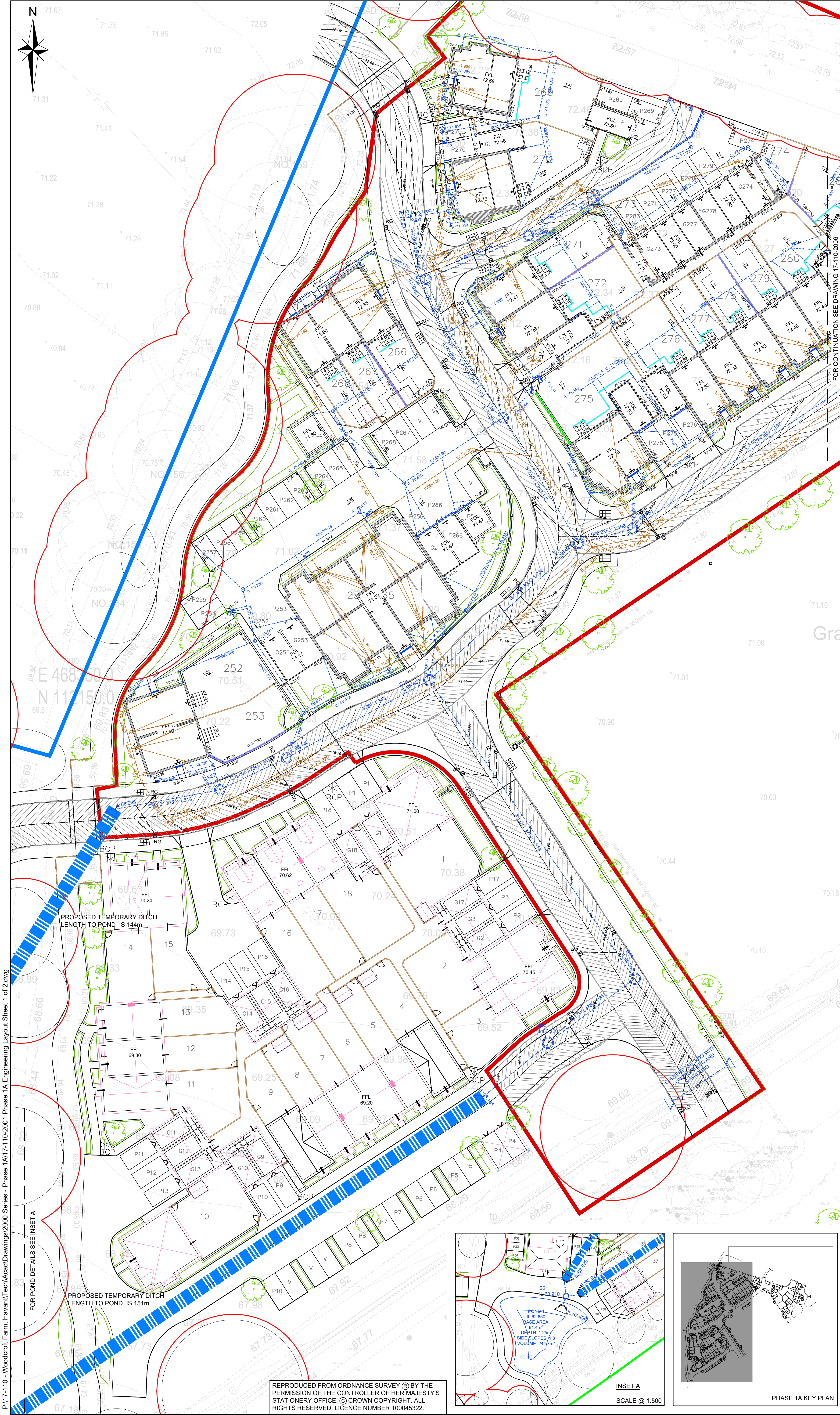




NOTES

- 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, HAMPSHIRE COUNTY COUNCIL STANDARDS AND NHBC STANDARD DETAILS.
- DO NOT SCALE FROM THIS DRAWING. WORK FROM FIGURED DIMENSIONS ONLY.
- ALL DIMENSIONS SHOWN IN METRES UNLESS NOTED OTHERWISE.
- ALL DIMENSIONS, LEVELS AND SURVEY GRID CO-ORDINATES ARE TO BE CHECKED ON SITE AND THE ENGINEER NOTIFIED IMMEDIATELY OF ANY DISCREPANCIES PRIOR TO THE COMMENCEMENT OF THE WORKS.
- NO DEVIATION FROM THE DETAILS SHOWN ON THIS DRAWING IS PERMITTED WITHOUT PERMISSION FROM THE ENGINEER.
- ALL TESTING REQUIRED TO OBTAIN ADOPTION FROM SEVERN TRENT SERVICES (DRAINAGE) IS TO BE CARRIED OUT AT THE CONTRACTORS EXPENSE.
- 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.
- PRIVATE DRAINS TO BE CONSTRUCTED USING FLEXIBLY JOINTED VITRIFIED CLAY PIPES TO BS 65 SUPER STRENGTH SPECIFICATION (HEPWORTH SUPERLEVE 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.
- INSPECTION CHAMBER SIZES ARE TO BE IN ACCORDANCE WITH THE BUILDING REGULATIONS PART H, TABLE 11 AND MANHOLE SIZES TABLE 12.
- BUILDING OF DRAIN TRENCHES ADJACENT TO DWELLINGS OF OTHER STRUCTURES TO BE IN ACCORDANCE WITH THE BUILDING REGULATIONS PART H, DIAGRAM 8.
- 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.
- 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.
- 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 TD051 GRATING AND FRAME (OR SIMILAR APPROVED).
- SURFACE WATER FROM PRIVATE AREAS IS NOT TO BE DISCHARGED DOWD ADOPTABLE AREAS.
- 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 SHOWN CAST INTO CONCRETE SLAB THICKENERS WHERE REINFORCED CONCRETE SLABS ARE TO BE POURED IN SITU.
- 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 mm.
- ALL RWPS TO HAVE RIDDING ACCESS.
- ALL FOUL AND SURFACE WATER DRAINAGE PIPES WITHIN PRIVATE AREAS TO BE 100mm Ø UNLESS SPECIFIED OTHERWISE.
- CONTOURS SHOWN ON THIS DRAWING ARE AT 20mm VERTICAL INTERVALS.
- WATERPROOFING IS TO BE INSTALLED IN ACCORDANCE WITH NHBC CHAPTER 5.4 BY SUPPLIER/CONTRACTOR FROM DPC 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.
- IN COMPLIANCE WITH CDM 2015 CM MARKIDES HAS FOLLOWED ITS DESIGN RISK MANAGEMENT PROMISES FOR HAZARD ELIMINATION AND RISK REDUCTION IN DEVELOPING THE ODYSSEY MARKIDES 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.
- TOPOGRAPHICAL SURVEY HAS BEEN PROVIDED BY LINDEN HOMES. ODYSSEY DOES NOT TAKE RESPONSIBILITY FOR THE ACCURACY OF THE SURVEY INFORMATION.
- SITE LAYOUT HAS BEEN PROVIDED BY LINDEN HOMES.

LEGEND

- PROPOSED PHASE 1A BOUNDARY
- PROPOSED LEVEL (mAOD)
- PROPOSED GRADIENT
- FFL 90.15
- PROPOSED FINISHED FLOOR LEVEL (mAOD)
- 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
- EXISTING LEVEL (mAOD). SEE NOTE 22
- PROPOSED HIGHWAY CONTOURS. SEE NOTE 19.
- RAISED DPC/TANKING/WATERPROOFING SEE NOTE 20
- EXPOSED BRICKWORK/UNDERBUILD
- PROPOSED RETAINING WALL
- PROPOSED CONCRETE GRAVEL BOARD
- HIGHWAY GULLY AND LEAD. REFER TO HCC10/D015. 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
- DOMESTIC SURFACE WATER YARD GULLY WITH 1000 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 TEMPORARY DITCH REFER TO ODYSSEY DRAWING 17-110/2012 FOR DETAILS
- 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
- RIDDING 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
- FILTER DRAIN. 0.5m WIDE, 0.5m DEEP. REFER TO ODYSSEY DRAWING 17-110/2011
- ROOT PROTECTION ZONE
- PROPOSED TREE. REFER TO LANDSCAPE ARCHITECTS PLANS. DETAILS TO BE CONFIRMED
- PROPOSED BLISTER TACTILE PAVING COLOUR BUFF. REFER TO HCC10/C060.
- 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

TENDER ISSUE

Rev	Amendments	Drn	Chk	App	Date

ODYSSEY

Tuscany House
White Hart Lane
Basingstoke
Hampshire RG21 4AF

Telephone: 01256 331144
Fax: 01256 331134
E: info@odysseyconsult.co.uk
W: www.odysseyconsult.co.uk

Job Title

**WOODCROFT FARM, HAVANT
PHASE 1A**

Drawing Title

**ENGINEERING LAYOUT
SHEET 1 OF 2**

Client

**Linden
HOMES**

Scale	Date	Designed
1:250 @A1	MARCH 18	ND

Drawn	Checked	Approved
JA	ND	LH

Job No	Drawing No	Rev
17-110	17-110/2001	

P17-110 - Woodcroft Farm, HavantTechAcadDrawings2000 Series - Phase 1A17-110-2001 Phase 1A Engineering Layout Sheet 1 of 2.dwg

FOR POND DETAILS SEE INSET A

PROPOSED TEMPORARY DITCH
LENGTH TO POND IS 144m.

PROPOSED TEMPORARY DITCH
LENGTH TO POND IS 151m.

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INSET A
SCALE @ 1:500

PHASE 1A KEY PLAN