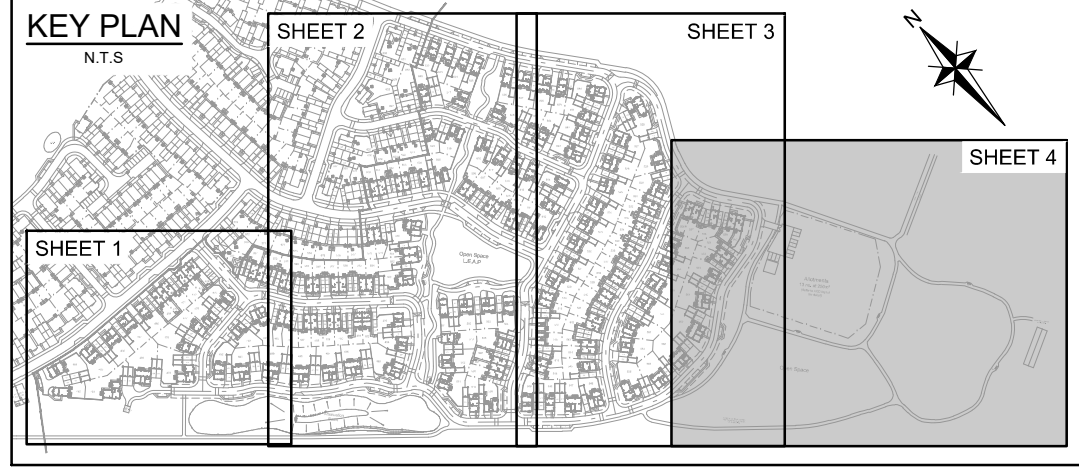
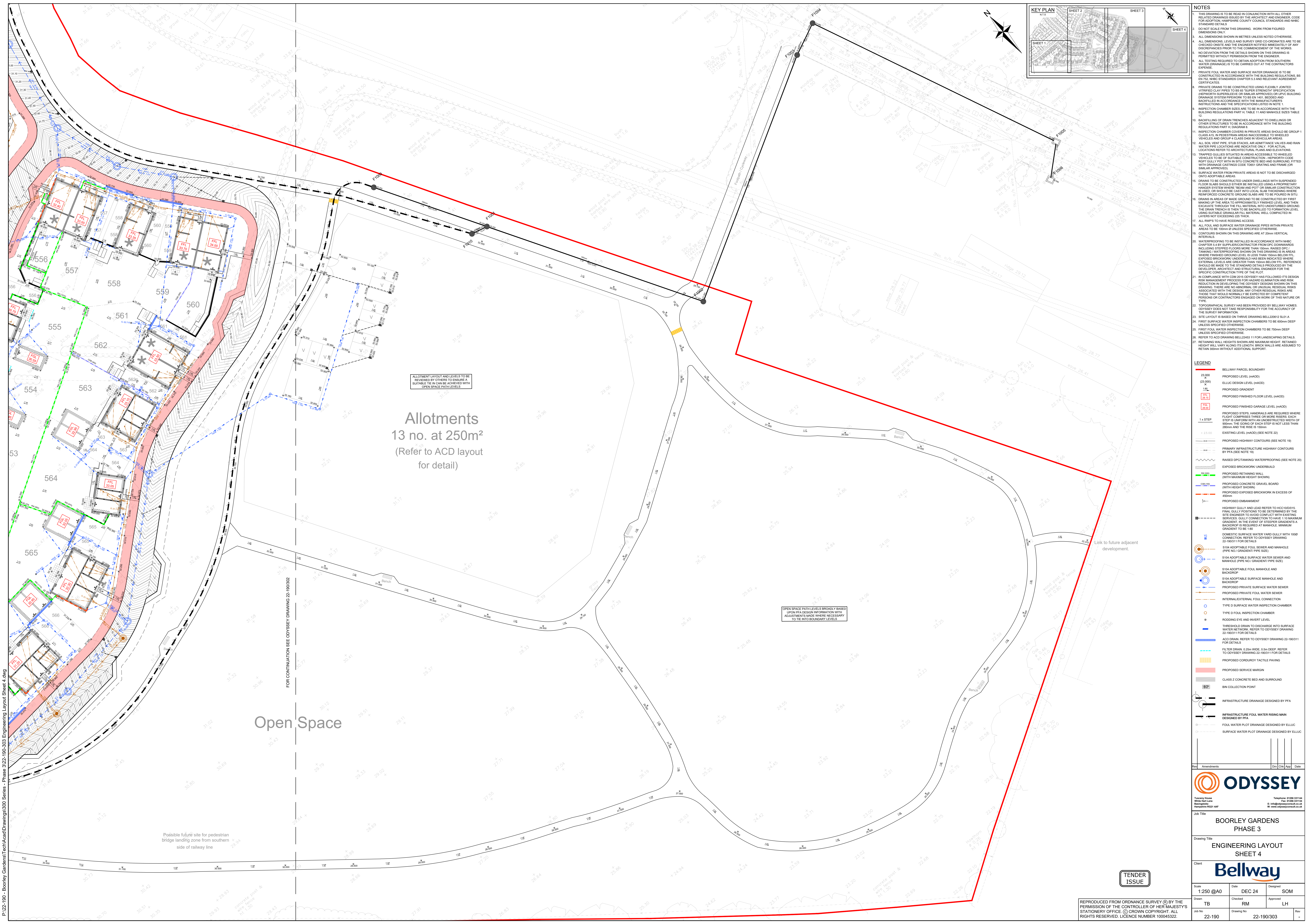




- NOTES**
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELATED DRAWINGS ISSUED BY THE ARCHITECT AND ENGINEER, CODE FOR ADAPTATION, HAMPSHIRE COUNTY COUNCIL, STANDARD AND NINE STANDARD DETAILS.
 - DO NOT SCALE FROM THIS DRAWING. WORK FROM FIGURED DIMENSIONS ONLY.
 - ALL DIMENSIONS SHOWN 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 WORK.
 - NO DEVIATION FROM THE DETAILS SHOWN ON THIS DRAWING IS PERMITTED WITHOUT PERMISSION FROM THE ENGINEER.
 - ALL TESTING REQUIRED TO OBTAIN ADAPTATION FROM SOUTHERN WATER DRAINAGE IS TO BE CARRIED OUT AT THE CONTRACTOR'S EXPENSE.
 - PRIVATE FOUL WATER AND SURFACE WATER DRAINAGE IS TO BE CONSTRUCTED IN ACCORDANCE WITH THE BUILDING REGULATIONS BS EN 12163 AND BS EN 12163 PART 2 AND RELEVANT AGREEMENT CERTIFICATES.
 - PRIVATE DRAINS TO BE CONSTRUCTED USING FLEXIBLY JOINTED VITRIFIED CLAY PIPES TO BS 67 'SUPER STRENGTH' SPECIFICATION WITH 100mm DEEP 100mm DIA. MANHOLES AND 100mm DIA. BUILDING DRAINAGE SYSTEM PREWORK TO BS EN 1461, 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.
 - BACKFILLING OF DRAIN TRENCHES ADJACENT TO DWELLINGS OR OTHER STRUCTURES TO BE IN ACCORDANCE WITH THE BUILDING REGULATIONS PART H, DIAGRAM 4.
 - INSPECTION CHAMBER COVERS IN PRIVATE AREAS SHOULD BE GROUP 1 CLASS A, IN PEDESTRIAN AREAS ACCESSIBLE TO WHEELED VEHICLES AND GROUP A CLASS B2 IN VEHICULAR AREAS.
 - ALL SOIL VENT PIPES, 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 - REPUTABLE CODE ROP GULLY POT WITH IN SITU CONCRETE BED AND SURROUND, FITTED WITH DRAINAGE CODE T100 GRATING AND FRAME (OR SIMILAR APPROVED).
 - SURFACE WATER FROM PRIVATE AREAS IS NOT TO BE DISCHARGED ONTO ADJOINING 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 CONSTRUCTION IS USED, OR SHOULD BE CAST INTO LOCAL SLAB THICKENING WHERE REINFORCED CONCRETE FLOOR IS NOT FOUND IN SITU.
 - DRAINS IN AREAS OF MADE GROUND TO BE CONSTRUCTED BY FIRST MAINS UP THE AREA TO BE EXCAVATED, THEN EXCAVATE THROUGH THE FILL MATERIAL INTO UNDISTURBED GROUND. THE DRAIN TRENCH IS TO BE BACKFILLED TO FORMATION LEVEL USING SUITABLE GRANULAR FILL MATERIAL WELL COMPACTED IN LAYERS NOT EXCEEDING 225mm.
 - ALL RWPS TO HAVE RODDING ACCESS.
 - ALL FOUL AND SURFACE WATER DRAINAGE PIPES WITHIN PRIVATE AREAS TO BE 100mm DIA UNLESS SPECIFIED OTHERWISE.
 - CONTOURS SHOWN ON THIS DRAWING ARE AT 20mm VERTICAL INTERVALS.
 - WATERPROOFING TO BE INSTALLED IN ACCORDANCE WITH NINE CHAPTERS 5.4 BY SUPPLIER/CONTRACTOR FROM DPC CONCRETE, INCLUDING STEEPED FLOORS MORE THAN 100mm, RAISED DPC TANKING, WATERPROOFING UNDERBUILT HAS BEEN REDUCED WHERE EXTERNAL LEVELS ARE GREATER THAN 100mm 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 ODYSSEY HAS FOLLOWED ITS 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.
 - TOPOGRAPHICAL SURVEY HAS BEEN PROVIDED BY BELLWAY HOMES. ODYSSEY DOES NOT TAKE RESPONSIBILITY FOR THE ACCURACY OF THE SURVEY INFORMATION.
 - SITE LAYOUT IS BASED ON TRIVE DRAWING BELL220612.01 A.
 - FIRST SURFACE WATER INSPECTION CHAMBERS TO BE 600mm DEEP UNLESS SPECIFIED OTHERWISE.
 - FIRST FOUL WATER INSPECTION CHAMBERS TO BE 750mm DEEP UNLESS SPECIFIED OTHERWISE.
 - REFER TO ACD DRAWING BELL22043.11 FOR LANDSCAPING DETAILS.
 - RETAINING WALL HEIGHTS SHOWN ARE MAXIMUM HEIGHT. RETAINED HEIGHT WILL VARY ALONG ITS LENGTH. BRICK WALLS ARE ASSUMED TO RETAIN 300mm WITHOUT ADDITIONAL SUPPORT.

- LEGEND**
- 21.00 BELLYWAY PARCEL BOUNDARY
 - (22.00) ELLUC DESIGN LEVEL (HAGD)
 - 1% PROPOSED GRADIENT
 - FFL 22.50 PROPOSED FINISHED FLOOR LEVEL (HAGD)
 - PROPOSED FINISHED GARAGE LEVEL (HAGD)
 - 1 x STEP
 - + 23.00
 - PROPOSED HIGHWAY CONTOURS (SEE NOTE 19)
 - PRIMARY INFRASTRUCTURE HIGHWAY CONTOURS BY PFA (SEE NOTE 19)
 - RAISED DPC/TANKING WATERPROOFING (SEE NOTE 20)
 - EXPOSED BRICKWORK UNDERBUILT
 - PROPOSED RETAINING WALL (WITH MAXIMUM HEIGHT SHOWN)
 - PROPOSED CONCRETE GRAVEL BOARD (WITH HEIGHT SHOWN)
 - PROPOSED EXPOSED BRICKWORK IN EXCESS OF 450mm
 - PROPOSED EMBANKMENT
 - HIGHWAY GULLY AND LEAD REFER TO HCC010W015. 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 1:80.
 - DOMESTIC SURFACE WATER YARD GULLY WITH 1000 CONNECTION. REFER TO ODYSSEY DRAWING 22-190311 FOR DETAILS.
 - S104 ADAPTABLE FOUL SEWER AND MANHOLE (PIPE NO./GRADIENT/PIPE SIZE)
 - S104 ADAPTABLE SURFACE WATER SEWER AND MANHOLE (PIPE NO./GRADIENT/PIPE SIZE)
 - S104 ADAPTABLE FOUL MANHOLE AND BACKDROP
 - S104 ADAPTABLE SURFACE MANHOLE AND BACKDROP
 - PROPOSED PRIVATE SURFACE WATER SEWER
 - PROPOSED PRIVATE FOUL WATER SEWER
 - INTERNAL/EXTERNAL FOUL CONNECTION
 - TYPE D SURFACE WATER INSPECTION CHAMBER
 - TYPE D FOUL INSPECTION CHAMBER
 - RODDING EYE AND INVERT LEVEL
 - THRESHOLD DRAIN TO DISCHARGE INTO SURFACE WATER NETWORK. REFER TO ODYSSEY DRAWING 22-190311 FOR DETAILS.
 - FILTER DRAIN, 0.25m WIDE, 0.5m DEEP. REFER TO ODYSSEY DRAWING 22-190311 FOR DETAILS.
 - PROPOSED CONDOURDY TACTILE PAVING
 - PROPOSED SERVICE MARGIN
 - CLASS 2 CONCRETE BED AND SURROUND
 - BN COLLECTION POINT
 - INFRASTRUCTURE DRAINAGE DESIGNED BY PFA
 - INFRASTRUCTURE FOUL WATER RISING MAIN DESIGNED BY PFA
 - FOUL WATER PLOT DRAINAGE DESIGNED BY ELLUC
 - SURFACE WATER PLOT DRAINAGE DESIGNED BY ELLUC

Rev	Amendments	Iss	Chk	App	Date
1					
Tenders House White Hart Lane Bangor, Co. Down BT20 4AF					
Telephone: 01286 331144 Fax: 01286 331144 Email: info@odysseyconsult.co.uk www.odysseyconsult.co.uk					
Job Title					
BOORLEY GARDENS PHASE 3					
Drawing Title					
ENGINEERING LAYOUT SHEET 4					
Client					
Bellway					
Scale	1:250 @A0	Date	DEC 24	Designed	SOM
Drawn	TB	Checked	RM	Approved	LH
Job No	22-190	Drawing No	22-190/303	Rev	-

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