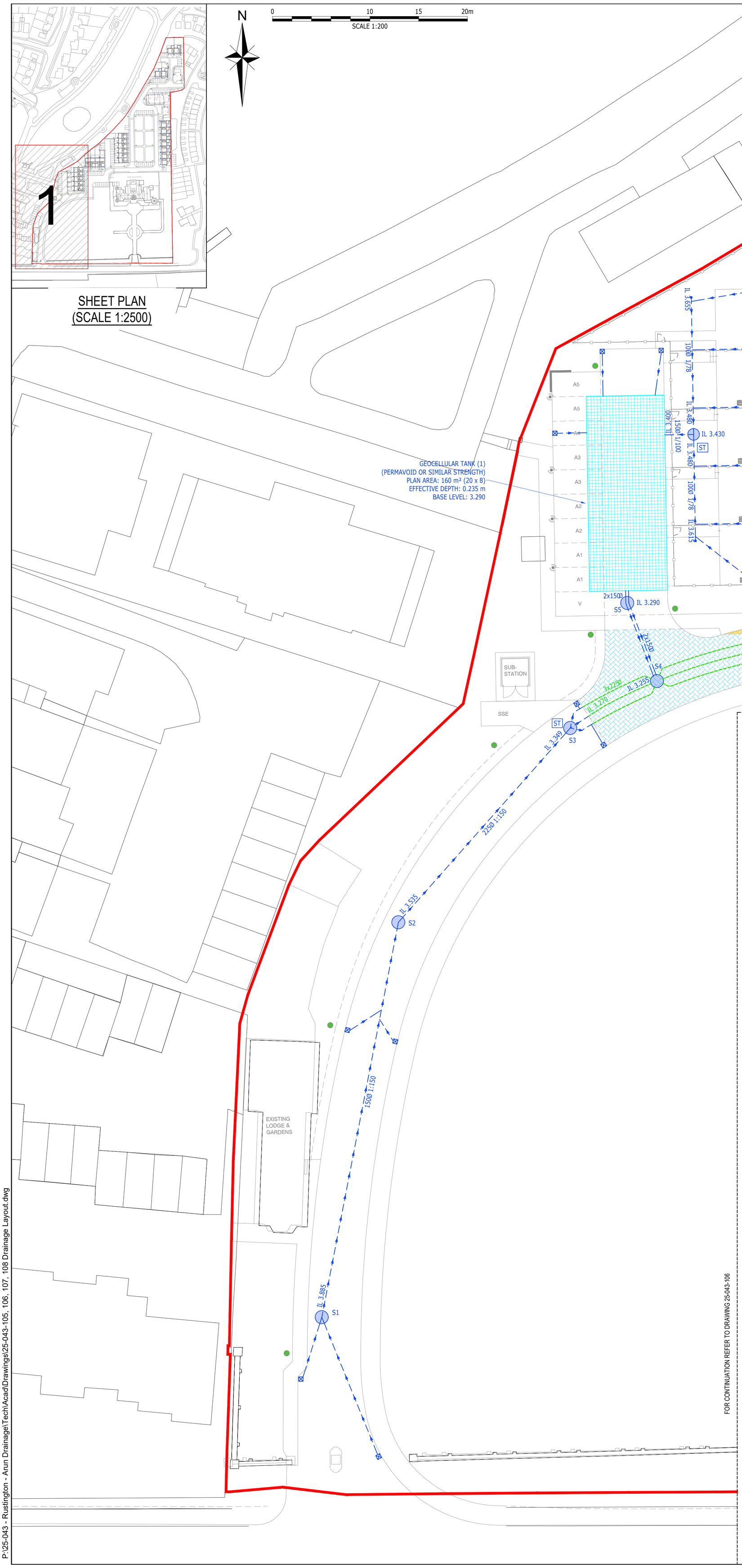

NOTES

1. CDM REGULATIONS 2015
(i) 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.
(ii) THERE IS AN EXISTING PUBLIC SEWER THAT IN ACCORDANCE WITH PUBLIC SEWER RECORDS IS MADE OUT OF BONDED ASBESTOS CEMENT - LOCATION OF OCCURRENCE INDICATED AS (1).
(iii) ANY OTHER RESIDUAL RISKS ARE THOSE THAT WOULD NORMALLY BE EXPECTED BY COMPETENT PERSONS OR CONTRACTORS ENGAGED ON WORK OF THIS NATURE OR TYPE.
2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELATED DRAWINGS ISSUED BY THE ARCHITECT AND ENGINEER. ANY DESIGN DISCREPANCIES TO BE REPORTED TO THE ENGINEER PRIOR TO CONSTRUCTION.
3. DO NOT SCALE FROM THIS DRAWING. WORK FROM FIGURED DIMENSIONS ONLY. ALL DIMENSIONS SHOWN IN METRES UNLESS NOTED OTHERWISE.
4. EXISTING GROUND LEVELS (SHOWN TO AN ORDNANCE DATUM) AND EXISTING DRAINAGE FEATURES ARE BASED ON "MK SURVEYS" TOPOGRAPHICAL SURVEY - JOB NO. 30439 DATED OCTOBER 2021. ODYSSEY ASSUMES NO RESPONSIBILITY ON THE LEVEL OF ACCURACY OF SURVEY INFORMATION PROVIDED.
5. 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.
6. ALL DRAINAGE WORKS SUBJECT TO S104 AND S106 AGREEMENT TO BE CARRIED OUT IN ACCORDANCE WITH THE SEWERAGE SECTOR GUIDANCE, DESIGN AND CONSTRUCTION GUIDANCE (CURRENT VERSION).
7. DESIGN STORM FOR INFILTRATION FEATURES TAKEN AS 1 IN 100 YRS + 45%.
8. ALL FLUSH ENTRANCES TO DWELLINGS TO INCORPORATE DRAINAGE CHANNEL TO ARCHITECT'S SPECIFICATION AND CONNECT TO THE NEAREST SURFACE WATER DRAIN.
9. PRIVATE FOUL WATER (FW) AND SURFACE WATER (SW) DRAINAGE IS TO BE CONSTRUCTED IN ACCORDANCE WITH THE BUILDING REGULATIONS, BS EN 752 AND RELEVANT AGREEMENT CERTIFICATES.
10. ALL SW CHAMBERS/MANHOLES CONNECTED DIRECTLY TO THE PERMEABLE PAVING OR GEOCELLULAR TANKS TO INCORPORATE SILT TRAP.
11. ALL FW AND SW DRAINAGE PIPES TO BE 100mm Ø WITH MINIMUM GRADIENTS OF 1/80 AND 1/100 RESPECTIVELY UNLESS SPECIFIED OTHERWISE.
12. FOR PIPES WHERE MINIMUM COVER IN ACCORDANCE WITH BUILDING REGULATIONS PART H TABLES 8 TO 10 IS NOT MET CONCRETE SLAB / CONCRETE SURROUND PROTECTION MUST BE ADDED OR DUCTILE IRON PIPES USED INSTEAD.
13. ALL RWP'S TO HAVE RODDING ACCESS.
14. FOR SVP's IT IS ASSUMED THAT THE INVERT OF THE TAIL OF THE BEND AT THE FOOT OF THE STACK WILL BE MIN. 0.45m BELOW FFL FOR ALL SINGLE DWELLINGS.
15. IT IS ASSUMED THAT ANY BRANCH DISCHARGE PIPE FOR SINGLE DWELLINGS WILL NOT DISCHARGE INTO A STACK LOWER THAN 450mm ABOVE THE INVERT OF THE TAIL OF THE BEND AT THE FOOT OF THE STACK.
16. PRIVATE INSPECTION CHAMBER SIZES ARE TO BE IN ACCORDANCE WITH THE NHBC STANDARDS SECTION 5.3, TABLES 3 AND 4 OR WHERE APPLICABLE BUILDING REGULATIONS PART H; TABLE 11 AND TABLE 12.
17. 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.
18. UNLESS STATED OTHERWISE MH COVERS IN LANDSCAPED AND FOOTPATH AREAS (WITH NO VEHICULAR LOADING) TO BE A15, GRADE AND FOR AREAS SUBJECT TO VEHICULAR LOADING TO BE D400 GRADE. RECESSED MANHOLE COVERS TO BE USED WHERE LOCATED WITHIN BLOCKWORK.
19. IF THERE IS ANY AMBIGUITY BETWEEN THE SPECIFICATION AND THE DRAWINGS, THE CONTRACTOR SHALL IMMEDIATELY INFORM THE ENGINEER.
20. CONTRACTOR TO SURVEY FOR AND LOCATE THE POSITION AND DEPTH OF ALL SERVICES ACROSS THE SITE BEFORE COMMENCING ANY WORKS.
21. STATUTORY SERVICE DIVERSION WORKS - IF DEEMED NECESSARY - TO BE AGREED WITH THE APPROPRIATE STATUTORY UNDERTAKER.
22. TREE PROTECTION PLAN MUST BE CONSULTED PRIOR TO DRAINAGE WORKS AND ANY POTENTIAL CLASHES REPORTED TO THE CLIENT AND ENGINEER IMMEDIATELY.
23. GEOCELLULAR TANK AND PERMEABLE PAVING LABELING HAS BEEN TAKEN FROM THE MODELLING CALCULATIONS.

LEGEND:

- SITE BOUNDARY
- FWMH - EXISTING PUBLIC FOUL WATER MANHOLE
- FWMH - FOUL WATER MANHOLE (PCC RINGS) - MIN 1.2m DIA
- FW-IC3 - FOUL WATER INSPECTION CHAMBER - MIN 0.45m DIA
- FW-IC4 - FOUL WATER INSPECTION CHAMBER - MIN 0.25m DIA
- SWMH - SURFACE WATER MANHOLE (PCC RINGS) - MIN 1.2m DIA
- SW-IC3 - SURFACE WATER INSPECTION CHAMBER - MIN 0.6m DIA
- SW-IC3 - SURFACE WATER INSPECTION CHAMBER - MIN 0.75m x 0.60m
- SW-IC3 - SURFACE WATER INSPECTION CHAMBER - MIN 0.45m DIA
- SW-IC4 - SURFACE WATER INSPECTION CHAMBER - MIN 0.25m DIA
- RODDING EYE
- EXISTING PUBLIC FOUL WATER SEWER
- 100Ø 1/12 FOUL WATER DRAINAGE
- 225Ø 1/199 SURFACE WATER (SW) DRAINAGE
- 225mm SURFACE WATER DRAINAGE - PERFORATED PIPE / UNDER DRAIN
- ST SW CHAMBER WITH SILT TRAP - SILT TRAP DEPTH MIN. 300 mm OR AS PER PROPRIETARY PRODUCT
- DIFFUSER UNIT - UNIT TYPE / SIZE TO BE DETERMINED BY THE MANUFACTURER
- GEOCELLULAR TANK - GEOTEXTILE AND GEOMEMBRANE WRAPPED
- GEOCELLULAR TANK - GEOTEXTILE WRAPPED
- PERMEABLE BLOCK PAVING
- 5m AWAY FROM BUILDINGS - PERMEABLE PAVING OR TANK WITHIN THIS EXTENT MUST BE ADDITIONALLY LINED WITH GEOMEMBRANE
- ROAD GULLY
- YARD GULLY
- DC DIRECT CONNECTION (I.E. DRAINAGE PIPE INTO THE UNDER DRAIN)
- SURFACE WATER DRAINAGE CHANNEL WITH SUMP (I.E ACO M100D 0.0 OR SIMILAR APPROVED)
- GRAVEL BOARD - MAX. 300mm HIGH
- RETAINING WALL HEIGHT AS INDICATED
- 150 MAX RETAINED HEIGHT IN 'mm'

FOR CONSTRUCTION
SUBJECT TO TECHNICAL APPROVAL

Rev	Amendments	Drn	Chk	App	Date
A	TANK 1 UPDATED	AK	BO	BO	05.08.25

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Job Title
SEA ROAD
RUSTINGTON, WEST SUSSEX

Drawing Title
DRAINAGE LAYOUT
SHEET 1 OF 3

Client
MACAR HOMES (RUSTINGTON) LTD

Scale	Date	Designed
1:200 @A1	MAY 25	AK
Drawn	**Checked**	**Approved**
AK	BAC	BAC
Job No	**Drawing No**	**Rev**
25-043	25-043-105	A

P:\25-043 - Rustington - Arun Drainage\Tech\Acad\Drawings\25-043-105, 106, 107, 108 Drainage Layout.dwg