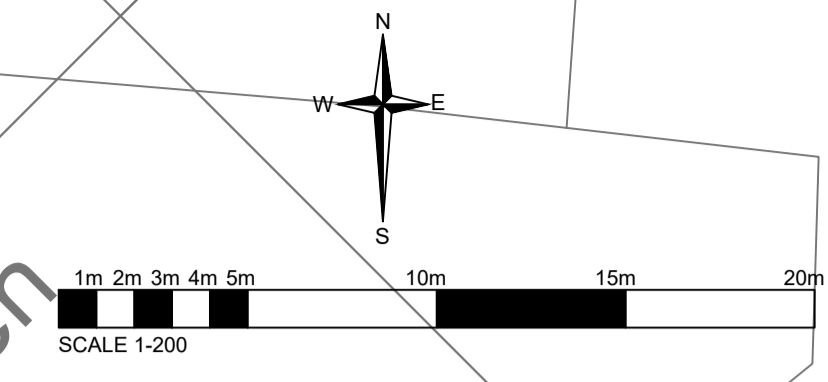


- NOTES
- CONTRACTORS MUST VERIFY ALL DIMENSIONS ON SITE BEFORE COMMENCING ANY WORK ON SHOP DRAWINGS
- DO NOT SCALE FROM THIS DRAWING
- RCD CONSULTANTS LTD COPYRIGHT
-
- NOTES
1. ALL DIMENSIONS IN MILLIMETERS UNLESS NOTED OTHERWISE.
 2. THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER ENGINEERING DRAWINGS AND CALCULATIONS ASSOCIATED WITH THIS PROJECT.
 3. ALL COMPONENTS AND MATERIALS ARE TO BE MANUFACTURED AND SUPPLIED IN ACCORDANCE WITH THE RELEVANT BRITISH STANDARDS, AND LAID AND BACKFILLED IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS AND THE RELEVANT BRITISH STANDARDS.
 4. THE CONTRACTOR SHALL, BEFORE COMMENCING THE WORKS, VERIFY ALL SITE AND SETTING OUT DIMENSIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE TRUE AND PROPER SETTING OUT OF THE WORKS AND FOR THE CORRECTNESS OF THE POSITION, LEVELS, DIMENSIONS, AND ALIGNMENT OF ALL PARTS OF THE WORKS.
 5. ALL BUILDING DRAINAGE TO BE INSTALLED AND TESTED IN COMPLIANCE WITH THE BUILDING REGULATIONS 2000 DRAINAGE AND WASTE DISPOSAL APPROVED DOCUMENT H 2002 EDITION.
 6. SMALL LIGHTWEIGHT ACCESS COVERS SHOULD BE SECURED (FOR EXAMPLE WITH SCREWS) TO DETER UNAUTHORISED ACCESS.
 7. ALL ABOVE GROUND DRAINAGE TO INCORPORATE RODDING ACCESS FACILITIES.
 8. INSITU CONCRETE FOR USE IN GENERAL DRAINAGE WORKS. GRADE TO BS: S328.
 9. FOR INTERNAL DRAINAGE POSITIONS REFER TO ARCHITECT'S CURRENT WORKING DRAWINGS.
 10. FOR LANDSCAPING SURFACE MATERIAL FINISHES REFER TO ARCHITECT'S CURRENT WORKING DRAWINGS.
 11. ALL PIPES TO BE 100mm DIAMETER UNLESS NOTED OTHERWISE.



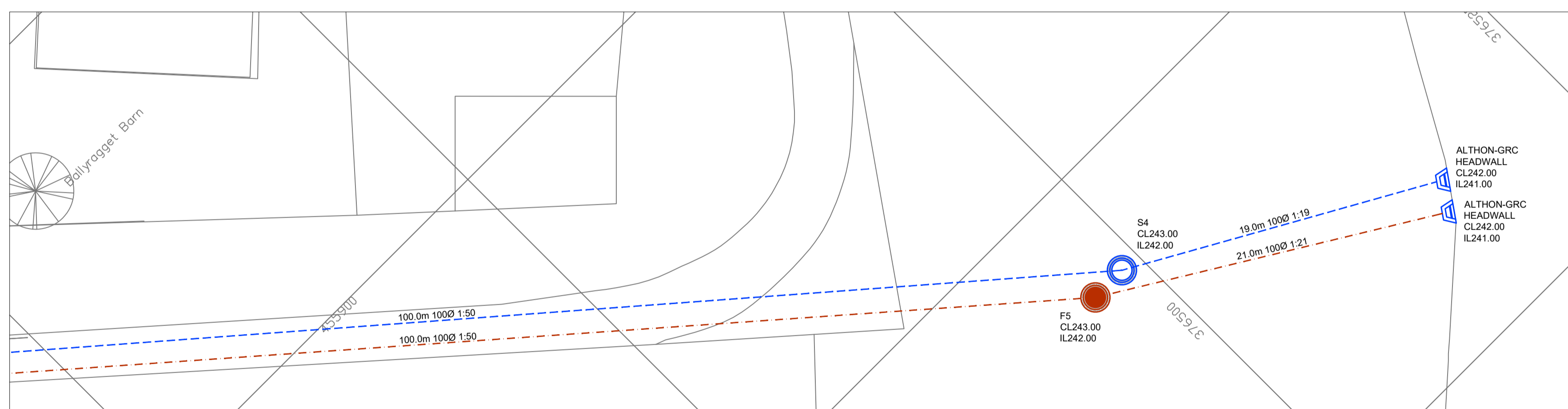
POROUS PAVED PARKING AREA WITH CELLULAR STORAGE TANK BELOW.
 CL246.00
 PLAN AREA 40m²
 TANK TOP 245.55
 TANK BASE 245.05

25mm ORIFICE PLATE TO BE FITTED TO SIC2 TO RESTRICT FLOWS TO THOSE SHOWN IN TABLE A.

BIODISK SEWERAGE TREATMENT PLANT
 CL245.00
 IL244.40 (IN)
 IL244.20 (OUT)

F4 SAMPLING CHAMBER
 CL245.00
 IL244.00

S3
 CL245.00
 IL244.00



DRAWING LEGEND	
SURFACE WATER DRAINAGE	
SIC	INSPECTION CHAMBER
---	SURFACE WATER SEWER
R	RAINWATER PIPE
RE	RODDING EYE
DT	708x708x150 PERMAVOID DISTRIBUTION TANK
	450mm THICK POROUS PAVING CONSTRUCTION
FOUL WATER DRAINAGE	
FIC	INSPECTION CHAMBER
---	FOUL WATER SEWER
DP	DRAINAGE POINT

TABLE A			
STORM EVENT (1 IN)	GREENFIELD FLOW RATE l/s	PRE-DEVELOPMENT FLOW RATE l/s	POST-DEVELOPMENT FLOW RATE l/s
2	0.3	2.1	1.0
30 (+ 40%CC)	0.6	4.6	(1.2)
100 (+ 50%CC)	0.7	5.6	(1.3)

CBR SUBGRADE %	3%
50mm POROUS PAVING BLOCKS	60
LAYING COURSE 6mm WASHED (mm)	50
MARSHALLS MT120 FILTRATION MEMBRANE	-
OPEN GRADED CRUSHED ROCK OGCR (mm)	440
20mm AGGREGATE	-
MARSHALLS MT120 FILTRATION MEMBRANE	-
TOTAL CONSTRUCTION DEPTH (mm)	550

P1	PRELIMINARY ISSUE	18.11.2025	RAC
REV	AMENDMENT	DATE	CHKD
DRAWING STATUS			

PRELIMINARY

RCD

RCD CONSULTANTS LTD
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CLIENT

PROJECT
 PROPOSED RESIDENTIAL DEVELOPMENT
 SKIRDEN LODGE, WIGGLESWORTH ROAD
 SLAIDBURN, BD23 4SX

DRAWING TITLE
DRAINAGE LAYOUT

CIVILS

SCALE 1:200 @ A1
 1:400 @ A3

DRAWN BY EPC
 CHECKED RAC
 DATE NOV 2025

DRAWING NUMBER
1165-2501-CIV-10

REVISION
P1

