

SOFT LANDSCAPING
LAWN / VEGETATION



TYPE B PERMEABLE PAVING FOOTWAY FORMED IN PERMEABLE BLOCK
PAVING (FINISH BY OTHERS) LAID OVER MIN 150mm THK SUDS SUBBASE OF
TYPE 4/20 GRANULAR FILL WRAPPED IN GEOTEXTILE LAD IN SWMP TRENCHES
COLLECTOR PIPES WRAPPED IN GEOTEXTILE LAD IN SWMP TRENCHES
BELOW SUBBASE WITH CONNECTIONS TO SW NETWORK.



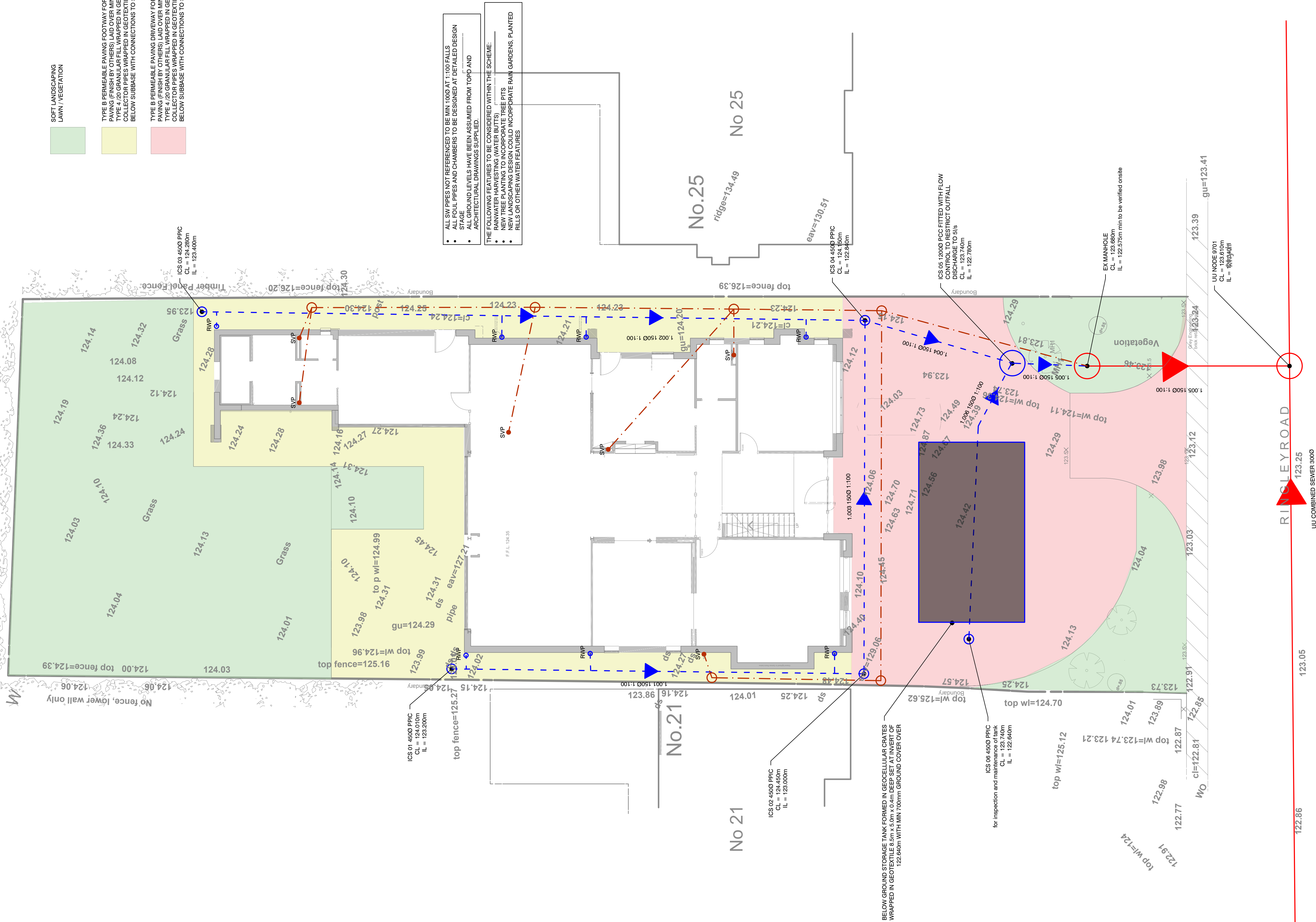
TYPE B PERMEABLE PAVING DRIVEWAY FORMED IN PERMEABLE BLOCK
PAVING (FINISH BY OTHERS) LAID OVER MIN 250mm THK SUDS SUBBASE OF
TYPE 4/20 GRANULAR FILL WRAPPED IN GEOTEXTILE LAD IN SWMP TRENCHES
COLLECTOR PIPES WRAPPED IN GEOTEXTILE LAD IN SWMP TRENCHES
BELOW SUBBASE WITH CONNECTIONS TO SW NETWORK.



- ALL SW PIPES NOT REFERENCED TO BE MIN 1000 AT 1:100 FALLS
- ALL FOUL PIPES AND CHAMBERS TO BE DESIGNED AT DETAILED DESIGN
- ALL GROUND LEVELS HAVE BEEN ASSUMED FROM TOPO AND
- ARCHITECTURAL DRAWINGS SUPPLIED.

THE FOLLOWING FEATURES TO BE CONSIDERED WITHIN THE SCHEME:

- RAINWATER HARVESTING (WATER BUTTS)
- NEW TREE PLANTING TO INCORPORATE TREE BUTTS
- NEW MANHOLES TO BE DESIGNED TO INCORPORATE RAIN GARDENS, PLANTED
- RILLS OR OTHER WATER FEATURES



SITE LAYOUT
INDICATING BELOW GROUND DRAINAGE
1:100

This drawing is to be read in conjunction with all other relevant documentation.
Do not Scale
All setting out by contractor. Report all discrepancies to bdi Structural Solutions.
Drawing Copyright of BDI Structural Solutions ©
Client required to comply with requirements of Party Wall Act as required by nature of work.

NOTES

Setting Out	
All levels, setting out and dimensions are to be confirmed on site.	
Drainage Notation	
	Denotes New Surface Water Carrier Drain
	Denotes New Foul Water Carrier Drain
	Denotes Existing Combined Water Carrier Drain
	Denotes New Combined Water Carrier Drain
	Denotes Proposed Rainwater Gully
	Denotes Proposed Rodding Eye
	Denotes Proposed Soil and Vent Pipe
	Denotes Proposed Inspection Chamber/Manhole
	Denotes Proposed Private road gully

- DRAINAGE**
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT CONSULTANTS DRAWINGS AND SPECIALIST CONTRACTORS / SUPPLY CHAIN DRAWINGS AND SPECIFICATION.
 - ALL LEVELS IN m OD UNLESS OTHERWISE SPECIFIED.
 - ALL DRAINAGE TO COMPLY WITH BS 8301:1985 TOGETHER WITH PARTS H1, 2 & 3 OF THE BUILDING REGULATIONS.
 - FOR ABOVE GROUND DRAINAGE REFER TO RELEVANT DESIGN CONSULTANT (M&E / ARCHITECT)
 - DETAILS OF EXISTING WATERCOURSES (CULVERTED OR OTHERWISE) AND / OR PUBLIC SEWERS (DIAMETER, CONDITION, POSITION ON PLAN AND INVERT LEVEL) MUST BE CONFIRMED PRIOR TO COMMENCEMENT OF PROPOSED WORKS.
 - ALL PROPOSED WORKS MUST BE AGREED AND DISCHARGED WITH RELEVANT AUTHORITIES (LEAD LOCAL FLOOD AUTHORITY, ENVIRONMENT AGENCY, STATUTORY WATER AUTHORITY, NETWORK RAIL AND OTHER SIMILAR) BEFORE COMMENCING WORKS ON SITE.
 - FOR FUTURE MAINTENANCE, RWD'S, GULLEYS AND SWPS TO BE FITTED WITH RODDING ACCESS.
 - DRAINAGE TO BE LAID TO MINIMUM FALLS (AND TO SUIT INVERT LEVELS SHOWN) AS NOTED OR TO COMPLY WITH THE FOLLOWING:
 - FOUL = 1000 AT MIN 1:40
 - SW = 1000 AT MIN 1:100
 - NEW / ALTERED CONNECTIONS TO PUBLIC SEWER MUST BE AGREED WITH STATUTORY WATER AUTHORITY VIA S106 APPLICATION BEFORE PROCEEDING WITH SITE WORKS.
 - FOUL WATER PIPES AND FITTINGS TO BE FORMED IN PLASTIC TO BS EN 1401-1:2009
 - SURFACE WATER PIPES AND FITTINGS TO BE FORMED IN PLASTIC TO BS EN 1401-1:2009
 - CONTRACTOR IS RESPONSIBLE FOR ALL TEMPORARY WORKS NECESSARY TO COMPLETE THE PROPOSED WORKS.
 - MANHOLES, INSPECTION CHAMBERS AND ACCESS CHAMBERS OR RODDING EYES SHALL BE PROVIDED AT EVERY CHANGE OF DIRECTION, DRAIN & OR GRADIENT CHANGE AND ALSO AT OR WITHIN 12.5M OF A JUNCTION.
 - JOINTING SHALL BE EITHER U.P.V.C PUSHFIT COUPLINGS OR BY SEALING RUBBER 'O' RINGS IN POLYESTER MOULDINGS.
 - DRAINAGE BENEATH LANDSCAPING WITH LESS THAN 0.6m COVER TO BE CONCRETE ENCASED.
 - DRAINAGE BENEATH CAR PARKING / ROADS WITH LESS THAN 1.2m COVER TO BE CONCRETE ENCASED.
 - DRAINS THAT ARE CONCRETE ENCASED TO HAVE 18mm FIBREBOARD OR POLYSTYRENE JOINTS AT 5m (MAX) c/c.
 - PPIC DEEPER THAN 1.2m TO HAVE REDUCED ACCESS COVER < 350mm DIA.
 - ALL DRAINS WHICH ARE LOCATED WITHIN 2000MM OF EXTERNAL WALLS OR PASS UNDER BUILDINGS ARE TO BE ENCASED IN MIN 150MM CONCRETE OF FULL WIDTH OF TRENCH.
 - ALL EXTERNAL MH COVERS SHALL BE MEDIUM DUTY GALV. STEEL TO BS407 UNLESS LOCATED WITHIN CARRIAGEWAYS OR CAR PARKS WHERE HEAVY DUTY CAST IRON ARE TO BE USED.
 - MANHOLE COVER TO BE SEATED IN REBATE STEEL FRAMES AND SEALED WITH GREASE ON 100MM THK CONCRETE FRAME BASE WITH 600X600MM MIN OPENING.

STRATEGY APPROVAL

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Rev	Date	First Issue for Strategy Approval			Drawn	Appr'd
A0	27/04/23				SG	SG



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Client
Mr/s Baig

Project
23 Ringley Road
Whitefield
M45 7LD

Drawing Title
Site Layout Indicating Drainage

Scale As shown at A1	Org No. 20239764 C1 01
Drawn SG	Chk'd by SG
Date 27/04/2023	Date Chk'd 27/04/2023
	Rev AO