

**LEGEND:**

- PROPOSED SURFACE DRAINAGE (UPVC TWINWALL OR SIMILAR APPROVED)
- PROPOSED FILTER DRAIN (PERFORATED UPVC TWINWALL OR SIMILAR APPROVED)
- PROPOSED SURFACE DRAINAGE MANHOLE
- PROPOSED CONCRETE ATTENUATION TANK
- PROPOSED PERVIOUS PAVING
- PROPOSED OIL/PETROL SEPARATOR
- PROPOSED WASTEWATER DRAINAGE (UPVC S/N8 OR SIMILAR APPROVED)
- PROPOSED WASTEWATER DRAINAGE MANHOLE
- EXISTING SURFACE WATER DRAINAGE (FROM TOPO SURVEY RECORDS)
- EXISTING SURFACE WATER DRAINAGE MANHOLE (FROM TOPO SURVEY RECORDS)
- EXISTING WASTEWATER DRAINAGE (FROM TOPO SURVEY RECORDS)
- EXISTING WASTEWATER DRAINAGE MANHOLE (FROM TOPO SURVEY RECORDS)
- PROPOSED PERVIOUS PAVING
- DETENTION BASIN TOP OF SLOPE
- DETENTION BASIN BOTTOM OF SLOPE

**KEY PLAN**  
SCALE 1:10000

**DRAINAGE PIPES AND MANHOLES SCHEDULE PROVIDED ON THE DRAWING L308-OCSC-XX-XX-DR-C-0505**

- GENERAL NOTES:**
- ALL NOTED LEVELS ARE TO ORDINANCE DATUM, MALIN HEAD.
  - REFER TO ARCHITECT'S LAYOUT FOR ALL SET-OUT INFORMATION.
  - REFER TO ARCHITECT / LANDSCAPE ARCHITECT'S DESIGN DRAWINGS FOR DETAILS OF PROPOSED SURFACE FINISHES AND LANDSCAPING.
  - REFER TO ARCHITECT DRAWINGS FOR DETAILS OF PRIVATE DRAINAGE.
  - ALL SURFACE WATER DRAINAGE IS TO BE INSTALLED IN ACCORDANCE WITH THE GREATER DUBLIN REGION CODE OF PRACTICE FOR DRAINAGE WORKS, THE BUILDING REGULATIONS PART H AND THE SITE DEVELOPMENT SPECIFICATION.
  - ALL CAR PARK DRAINAGE IS TO BE INSTALLED IN ACCORDANCE WITH THE GREATER DUBLIN REGION CODE OF PRACTICE FOR DRAINAGE WORKS, THE BUILDING REGULATIONS PART H AND THE SITE DEVELOPMENT SPECIFICATION.
  - ALL WASTEWATER DRAINAGE IS TO BE INSTALLED IN ACCORDANCE WITH THE IRISH WATER CODE OF PRACTICE FOR WASTEWATER INFRASTRUCTURE (REVISION 2 - JULY 2020), THE BUILDING REGULATIONS PART H AND THE SITE DEVELOPMENT SPECIFICATION.
  - ALL DRAINAGE COVER LEVELS ARE TO BE COORDINATED WITH PROPOSED ROAD DESIGN LEVELS AND ARCHITECT/LANDSCAPE ARCHITECT'S PROPOSED FINISH LEVELS.
  - ALL BASEMENT CHAMBER COVERS TO BE DOUBLE SEALED, AND CLASSIFICATION D400 LOADING WHERE LOCATED IN VEHICULAR AREAS.
  - ALL CONNECTIONS TO NEW DRAINAGE NETWORKS ARE TO BE MADE AT AN ANGLE OF 90° OR IN THE DIRECTION OF FLOW.
  - REFER TO ARCHITECT AND M&E ENGINEERING DESIGN DRAWINGS FOR CONFIRMATION OF LOCATION AND SPECIFICATION OF FLOOR GULLIES.
  - REFER TO M&E ENGINEERING DESIGN DRAWINGS FOR CONFIRMATION OF WASTE AND SANITARY POP-UP/OUTLET LOCATIONS.
  - THE CONTRACTOR IS TO VERIFY INVERT LEVEL AT PROPOSED CONNECTION TO EXISTING SEWERS, PRIOR TO ANY OTHER WORKS BEING CARRIED OUT, AND MAKE ANY DISCREPANCIES KNOWN TO THE ENGINEER.
  - THE CONTRACTOR IS RESPONSIBLE FOR CONFIRMATION OF PRESENCE ALL EXISTING UTILITIES, IF ANY, ALONG ROUTE OF PROPOSED DRAINAGE NETWORKS - BY INTRUSIVE INVESTIGATION OR EQUAL.
  - EXISTING PUBLIC SEWER TO BE JET CLEANED AND CCTV SURVEYED PRIOR TO, AND AFTER PROPOSED CONNECTIONS FROM NEW NETWORK.
  - ALL NEW DRAINAGE INFRASTRUCTURE TO BE JET CLEANED AND CCTV SURVEYED, WITH ANY NOTED DEFECTS REMEDIATED, ON COMPLETION OF WORKS, TO THE SATISFACTION OF THE LOCAL AUTHORITY.
  - WHERE MANHOLE COVERS ARE TO BE LOCATED IN SOFT LANDSCAPED/GRASS AREAS; TO ENSURE THAT MANHOLE COVERS ARE IDENTIFIABLE, ACCESSIBLE AND WILL NOT BECOME OVERGROWN, COVERS ARE TO BE SURROUNDED BY A CONCRETE PLINTH, 200MM ALL ROUND AND 100MM DEEP FORMED WITH C20/25 CONCRETE, 20MM AGGREGATE SIZE, BEDDED IN CLAUSE R04 MATERIAL.
  - WHERE PROXIMITY OF THE TREE LINE AND THE PROPOSED SEWER LINES ARE NOT IN COMPLIANCE WITH THE RESTRICTION ON PLANTING ADJACENT TO WASTEWATER INFRASTRUCTURE AS PER DETAIL STD-WW-06 AND STD-WW-06A, ROOT BARRIERS TO BE PROVIDED (GREENLEAF IRELAND OR EQUIVALENT APPROVED)

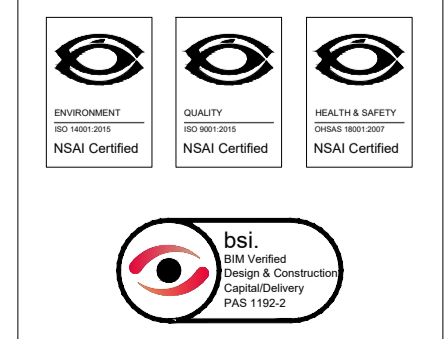


**PLANNING DRAWING.**  
NOT FOR CONSTRUCTION.  
ALL LEVELS GIVEN ARE  
RELATIVE TO ORDINANCE DATUM.  
THIS DRAWING HAS BEEN ISSUED FOR INFORMATION  
PURPOSES ONLY AND MUST NOT BE USED  
FOR CONSTRUCTION UNDER ANY CIRCUMSTANCES

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- FOR SETTING OUT REFER TO ARCHITECT'S DRAWINGS.
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER ARCHITECTURAL AND ENGINEERING DRAWINGS AND ALL OTHER RELEVANT DRAWINGS AND SPECIFICATIONS.
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Rev No.	Date	Revision Note	Drn by	Chkd by	Rev No.	Date	Revision Note	Drn by	Chkd by
P01	23/07/21	SUITABLE FOR INFORMATION	RM	DR					
P02	17/09/21	SUITABLE FOR INFORMATION	RM	DR					
P03	04/10/21	SUITABLE FOR STAGE APPROVAL	RM	DR					
P04	22/10/21	SUITABLE FOR STAGE APPROVAL	RM	DR					
P05	25/04/22	SUITABLE FOR STAGE APPROVAL	ZB	MK					



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Client: **BE0 PROPERTIES LIMITED**  
Project: **RATOATH SOUTH SHD**

Title: **PROPOSED DRAINAGE LAYOUT SHEET 1 OF 4**

Code	Originator	Zone	Level	Type	Role	Number	Status	Revision
L308	OCSC	XX	XX	DR	C	0501	S4	P05

Date: NOV'20 Scale: 1:500 @ A1 Drn by: RM Chkd by: DR Aprvd by: AH