



- ### GENERAL NOTES
- THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH ALL RELEVANT ENGINEER'S AND ARCHITECT'S DRAWINGS AND SPECIFICATIONS.
 - ALL LEVELS ARE IN METRES TO ORDNANCE DATUM, MALIN HEAD UNLESS NOTED OTHERWISE.
 - THE POSITION OF EXISTING SERVICES AS SHOWN ON THE DRAWING MAY NOT BE ACCURATE. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR LOCATING ALL EXISTING SERVICES ON THE SITE AND SHOULD CONTACT THE RESPECTIVE UTILITY PROVIDERS AND AUTHORITIES FOR THE MOST UP-TO-DATE INFORMATION BEFORE COMMENCING THE WORKS.
 - EXISTING LEVELS ARE INDICATIVE ONLY AND MUST BE CHECKED AND VERIFIED ON SITE PRIOR TO COMMENCEMENT.
 - PROPOSED MANHOLE COVER LEVELS ARE APPROXIMATE AND SHOULD BE ADJUSTED TO SUIT LOCAL FINISHES.
 - ALL SURFACE WATER DRAINAGE INFRASTRUCTURE SHALL BE CONSTRUCTED IN ACCORDANCE WITH LOCAL AUTHORITY REQUIREMENTS.
 - LOCKABLE TYPE GULLY TRAPS TO BE USED ON ALL SURFACE WATER DRAINS.
 - GULLY POSITIONS ARE APPROXIMATE ONLY AND SHOULD BE LOCATED AT LOW POINTS.
 - REFER TO ARCHITECT'S DRAWINGS FOR ALL ROOF DRAINAGE, STRIP DRAINS AND GULLY TRAPS BENEATH DOWNPIPES.
 - WHERE IT IS NOT POSSIBLE TO ACHIEVE MINIMUM COVER, PIPES SHOULD BE BEDDED AND SURROUNDED IN CONCRETE 150mm THICK, CLASS E IN ACCORDANCE WITH TII STANDARD CONSTRUCTION DETAIL CC-SCD-00521.
 - ALL WASTEWATER DRAINAGE INFRASTRUCTURE SHALL BE CONSTRUCTED IN ACCORDANCE WITH IRISH WATER STANDARDS. REFER TO IRISH WATER PUBLICATIONS "WASTEWATER INFRASTRUCTURE STANDARD DETAILS - IW-CDS-5030-01" AND "CODE OF PRACTICE FOR WASTEWATER INFRASTRUCTURE - IW-CDS-5030-03"
 - HYDRANTS TO BE ACCORDANCE WITH IRISH WATER STANDARD DETAILS STD-W-16 TO STD-W-19.
 - THRUST BLOCK ARRANGEMENTS SHALL COMPLY WITH IRISH WATER STANDARD DETAILS STD-W-28
 - REFER TO MECHANICAL AND ELECTRICAL ENGINEER'S DRAWINGS FOR INTERNAL DRAINAGE AND DETAILS OF SOIL AND VENT PIPES LEADING TO WASTEWATER DRAINAGE AJS.
 - ALL WATER INFRASTRUCTURE SHALL BE CONSTRUCTED IN ACCORDANCE WITH IRISH WATER STANDARDS. REFER TO IRISH WATER PUBLICATIONS "WATER INFRASTRUCTURE STANDARD DETAILS - IW-CDS-5020-01" AND "CODE OF PRACTICE FOR WATER INFRASTRUCTURE - IW-CDS-5020-03"
 - ALL PLANTING & TREES TO COMPLY WITH SEPARATION DISTANCES AS PER IRISH WATER STANDARD DETAILS FOR WASTEWATER, STD-WW-06 AND STD-WW-06A AND FOR WATER, STD-W-12 AND STD-W-12A
 - A METHOD STATEMENT SHALL BE SUBMITTED FOR APPROVAL PRIOR TO INSTALLATION AND TESTING
 - ALL PIPE DIAMETERS INDICATED ARE INNER DIAMETER.
 - THESE DRAWINGS ARE NOT TO BE USED FOR SETTING OUT PURPOSES. REFER TO ARCHITECT'S DRAWINGS FOR SETTING OUT.

- ### CIVIL SERVICES LEGEND
- PROPOSED TWIN WALL SURFACE WATER PIPES
 - EXISTING SURFACE WATER PIPES
 - PROPOSED PVC FOUL SEWER PIPES
 - EXISTING FOUL SEWER PIPES
 - PROPOSED RAINWATER HARVESTING PIPES
 - EXISTING RAINWATER HARVESTING PIPES
 - PROPOSED Ø125mm PE WATERMAIN
 - EXISTING WATERMAIN
 - BOUNDARY LINE
 - PERMEABLE BLOCK PAVING
 - DENOTES MINIMUM 6m SEPARATION DISTANCE BETWEEN WATER HYDRANT AND ALL BUILDINGS AND MAXIMUM 46m REACH OF WATER HYDRANTS TO ALL BUILDINGS AS PER IRISH WATER CODE OF PRACTICE
 - PROPOSED SURFACE WATER MANHOLE
 - PROPOSED FOUL SEWER MANHOLE
 - EXISTING MANHOLE
 - GULLY
 - FOUL SEWER INSPECTION CHAMBER
 - STORM WATER INSPECTION CHAMBER
 - WATERMAIN BOUNDARY BOX
 - PROPOSED MANIFOLD SUPPLY
 - PROPOSED AJ CHAMBER
 - C.L. COVER LEVEL
 - I.L. INVERT LEVEL
 - ANCHOR/THRUST BLOCK
 - SLUICE VALVE
 - SCOUR VALVE
 - HYDRANT
 - DRY RISING MAIN
 - AIR VALVE
 - WATER METER
 - DP/MH DROP MANHOLE

1 CIVIL SERVICES LAYOUT

SCALE: 1:250

INFORMATION

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Figured dimension only to be taken from this drawing. All dimensions to be checked on site. Consultants to be informed immediately of any discrepancies before work proceeds.

REV NO:	DATE:	REVISION NOTE:	DWN BY:	CKD BY:
P01	01/11/2023	ISSUED FOR PLANNING	LH	AK
P02	28/11/2023	RE-ISSUED FOR PLANNING	LH	AK



CLIENT:	BEAUPARK UTILITIES LIMITED								
PROJECT:	PROPOSED WASTE PROCESSING FACILITY AT BALLYMOUNT, DUBLIN 24.								
TITLE:	PROPOSED CIVILS SERVICES DRAINAGE LAYOUT								
DRAWN:	LH	CHECKED:	AK	APPROVED:	MH	JOB NO:	221244	REV:	P02
DATE:	10/10/2023	SCALE:	1:250	DRAWING NO:	221244-ORS-ZZ-00-DR-C-400				

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