

LEGEND

	GULLY
	PROPOSED TWIN WALL SURFACE WATER PIPES
	EXISTING SURFACE WATER PIPES
	EXISTING SURFACE WATER PIPES TO BE REMOVED
	PROPOSED PVC FOUL SEWER PIPES
	EXISTING FOUL SEWER PIPES
	EXISTING FOUL SEWER PIPES TO BE REMOVED
	PROPOSED PVC COMBINED SEWER PIPES
	EXISTING COMBINED SEWER PIPES
	PROPOSED 215mm PE WATERMAIN
	EXISTING WATERMAIN
	EXISTING WATERMAIN TO BE REMOVED
	BOUNDARY LINE
	PROPOSED SURFACE WATER MANHOLE
	PROPOSED FOUL SEWER MANHOLE
	EXISTING MANHOLE
	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
	DROP MANHOLE
	ELECTRIC POLE
	TELEPHONE POLE
	LAMP POST
	PROPOSED GREEN HEAD DATUM

- NOTES:**
- ALL LEVELS RELATE TO MALIN HEAD DATUM.
 - 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 ARCHITECTS' 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 5 IN ACCORDANCE WITH TII STANDARD CONSTRUCTION DETAIL-SCD-0021.
 - ALL WASTEWATER DRAINAGE INFRASTRUCTURE SHALL BE CONSTRUCTED IN ACCORDANCE WITH IRISH WATER STANDARDS. REFER TO IRISH WATER PUBLICATIONS "WATER 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

N.B. POSITION OF ALL EXISTING SERVICES TO BE VERIFIED PRIOR TO CONSTRUCTION

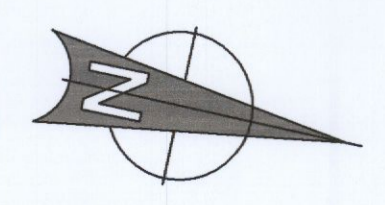
1 CIVIL SERVICES LAYOUT
SCALE: 1:250

PLANNING

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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	30/05/2022	ISSUED FOR INFORMATION	AH	MH
P02	14/07/2022	ISSUED FOR INFORMATION	AH	MH
P03	21/07/2022	ISSUED FOR INFORMATION	AH	MH
P04	26/10/2022	ISSUED FOR INFORMATION	AH	MH



CLIENT:	DUNNES STORES						
PROJECT:	KILNAMANAGH SHOPPING CENTRE, TREEPARK ROAD / MAYBERRY ROAD, KILNAMANAGH, DUBLIN 24						
TITLE:	CIVIL SERVICES LAYOUT						
DRAWN:	AH	CHECKED:	MH	APPROVED:	MH	JOB NO.:	220063
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