

LEGEND	
	GULLY
	PROPOSED TWIN WALL SURFACE WATER PIPES
	EXISTING SURFACE WATER PIPES
	PROPOSED PVC FOUL SEWER PIPES
	EXISTING FOUL SEWER PIPES
	PROPOSED 125mm PE WATERMAIN
	WATERMAIN TO BE CONSTRUCTED
	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
	NON-RETURN VALVE
	SLUICE VALVE
	SCOUR VALVE
	HYDRANT
	DRY RISING MAIN
	AIR VALVE
	WATER METER
	DROP MANHOLE
	ELECTRIC POLE
	TELEPHONE POLE
	LAMP POST

- 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 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-W-06 AND STD-W-06A AND FOR WATER, STD-W-12 AND STD-W-12A

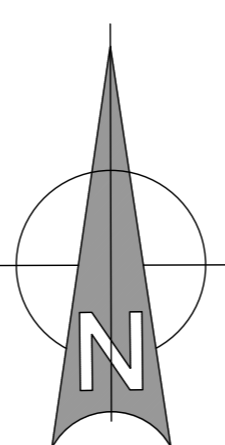
REFER TO ORS DRAWING 211\_035-ORS-Z0-00-DR-C-400 FOR PLAN SHOWING ALL CIVIL SERVICES COORDINATED

NOTE:  
PROPOSED RAIN GARDENS TO CATER FOR RUNOFF FROM RESIDENTIAL BLOCKS R1, S1, S2 & S3 SIZED TO CATER FOR 1:100 YEAR STORM EVENT +10% FOR CLIMATE CHANGE. REFER TO CIVIL REPORT FOR DETAILS

**S2 - 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	23/11/2021	ISSUED FOR INFORMATION	SG	MH



CLIENT:	AVENIR HOMES LTD.			
PROJECT:	THE GREEN QUARTER SHD AT CARTRONTROY, KILNAFADDOGE AND LISSYWOLLEN (TOWNLANDS), ATHLONE, CO. WESTMEATH			
TITLE:	PROPOSED SURFACE WATER LAYOUT			
DRAWN:	CHECKED:	APPROVED:	JOB NO:	REV:
SG	MH	MH	201_035	P01
DATE:	SCALE:	DRAWING NO:		
12/04/2021	1:500	201_035-ORS-Z0-00-DR-C-451		

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