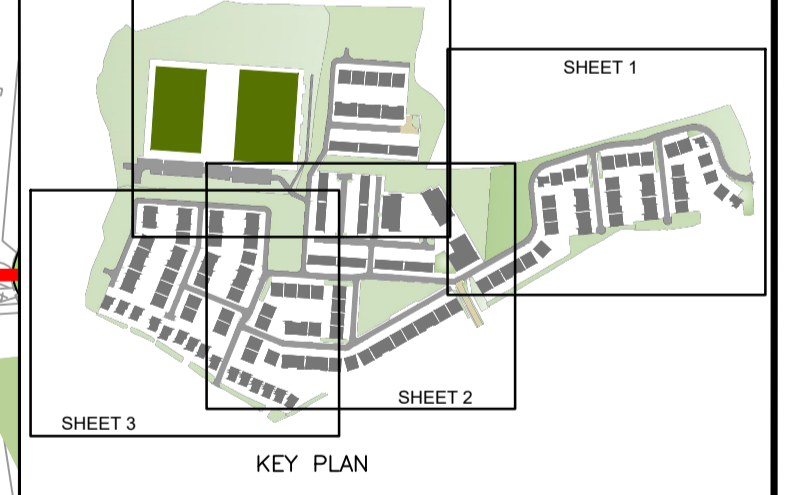


**PLANNING**

- NOTES:**
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ENGINEER'S AND ARCHITECT'S DRAWINGS AND SPECIFICATIONS.
  - ALL LEVELS ARE IN METERS TO ORDNANCE DATUM, MALIN HEAD.
  - ALL SURFACE WATER DRAINAGE TO BE CONSTRUCTED IN ACCORDANCE WITH LOCAL AUTHORITY REQUIREMENTS.
  - ALL FOUL WATER DRAINAGE TO BE CONSTRUCTED IN ACCORDANCE WITH IRISH WATER DOCUMENT IW-CDS-5030-01
    - FOUL WATER TRENCH BACKFILL & BEDDING AS PER IRISH WATER STANDARD DETAIL STD-WW-07
    - FOUL WATER MANHOLE IN ACCORDANCE WITH IRISH WATER STANDARD DETAIL STD-WW-10
    - MANHOLE LID TO BE IRISH WATER APPROVED FOR TRAFFIC LOADING, PRE-CAST CONCRETE ROOF SLAB IN COMPLIANCE WITH BS511 PART 4:2002
    - WHERE REQUIRED CONCRETE BED, & HAUNCH SURROUNDING IN ACCORDANCE WITH STD-WW-08
  - PROPOSED GULLY POSITIONS ARE APPROXIMATE AND ARE TO BE LOCATED AT LOW POINTS.
  - FOR DETAILS OF ACO DRAIN AND GULLY TRAPS BENEATH RAIN WATER PIPES REFER TO ARCHITECT'S DRAWINGS.
  - FOR DETAILS OF SOILS & VENT PIPES LEADING TO FOUL DRAINAGE AIS, REFER TO MECHANICAL & ELECTRICAL ENGINEERS DRAWINGS.
  - WHERE GULLIES & PROPOSED PIPES ARE SHOWN CONNECTING TO EXISTING PIPES, SADDLE CONNECTIONS ARE ACCEPTABLE IN DIRECTION OF FLOW.
  - WHERE MANHOLES AND COVERS ARE CALLED UP TO BE ADJUSTED AND THE EXISTING ACCESS CLASHES WITH THE PROPOSED KERBS, THE CONTRACTOR IS TO RE-ALIGN ACCESSES INCLUDING LADDERS/RUNGS TO AVOID THIS SITUATION.
  - MANHOLE COVERS ARE TO BE SITUATED ENTIRELY WITHIN ONE SURFACE TYPE OR LEVEL (I.E. FOOTPATH OR LANDSCAPING OR ROAD SURFACE). IN THE EVENT OF AN EXISTING MANHOLE FALLING BETWEEN TWO SURFACES, REFER TO NOTE 12.
  - MANHOLE COVERS (INCLUDING AJ'S) WITHIN LANDSCAPE ZONES ARE TO HAVE A CONCRETE PLINTH 200mm ALL ROUND AND 100mm DEEP FORMED WITH C20/25 CONCRETE, 20mm AGGREGATE SIZE, BEDDED IN CLAUSE 804 MATERIAL, AS PER STD-WW-10.
  - ALL PROPOSED FOUL SEWER PIPES UP TO A SIZE OF 225mm IN DIAMETER SHOULD BE MADE FROM uPVC MATERIAL, AND ALL PIPES ABOVE 225mm DIAMETER SHOULD BE MADE FROM CONCRETE MATERIAL IN ACCORDANCE WITH SECTION 5.13 OF IRISH CODE OF PRACTICE FOR WASTEWATER INFRASTRUCTURE.
  - RISING MAIN SHALL BE FITTED OUT USING POLYETHYLENE PIPE AND SHALL COMPLY WITH REQUIREMENTS OF IS EN 12201 AND TO THE IRISH CODE OF PRACTICE FOR WASTEWATER INFRASTRUCTURE

- LEGEND:**
- PROPOSED FOUL WATER SEWER/DRAIN WITH MANHOLE
  - EXISTING FOUL WATER SEWER/DRAIN WITH MANHOLE
  - EXISTING SURFACE WATER SEWER/DRAIN WITH MANHOLE TO BE REMOVED
  - RISING MAIN
  - CONCRETE SURROUND
  - PROPOSED SURFACE WATER SEWER/DRAIN WITH MANHOLE
  - EXISTING SURFACE WATER SEWER/DRAIN WITH MANHOLE
  - EXISTING SURFACE WATER SEWER/DRAIN WITH MANHOLE TO BE REMOVED
  - PROPOSED FIN DRAIN
  - PROPOSED AJ
  - ATTENUATION TANK
  - FILTER DRAIN
  - PROPOSED GULLY



PI2	ISSUED FOR PLANNING	18.09.19	DAK	AMT	AMT
No.	Revision	Date	By	Chk'd	App'd
Drawing Status					
<b>PLANNING</b>					
<b>PROUD</b>					
Consulting Engineers					
Civil - Structural - Environmental					
Client					
CAIRN HOMES					
Project Title					
PROPOSED HOUSING DEVELOPMENT AT FARRANKELLY, WICKLOW					
Drawing Title					
PROPOSED DRAINAGE LAYOUT SHEET 4					
Drawing Number					
FK-ROD-20-XX-DR-C-0034					
Rev					
P12					
Scale:	1:500	Date:	SEPT 19	Job No:	16146
Drawn:	RE	Checked:	MS	Approved:	AMT
J:\2016\16146\DWG					

DO NOT SCALE USE FIGURED DIMENSIONS ONLY