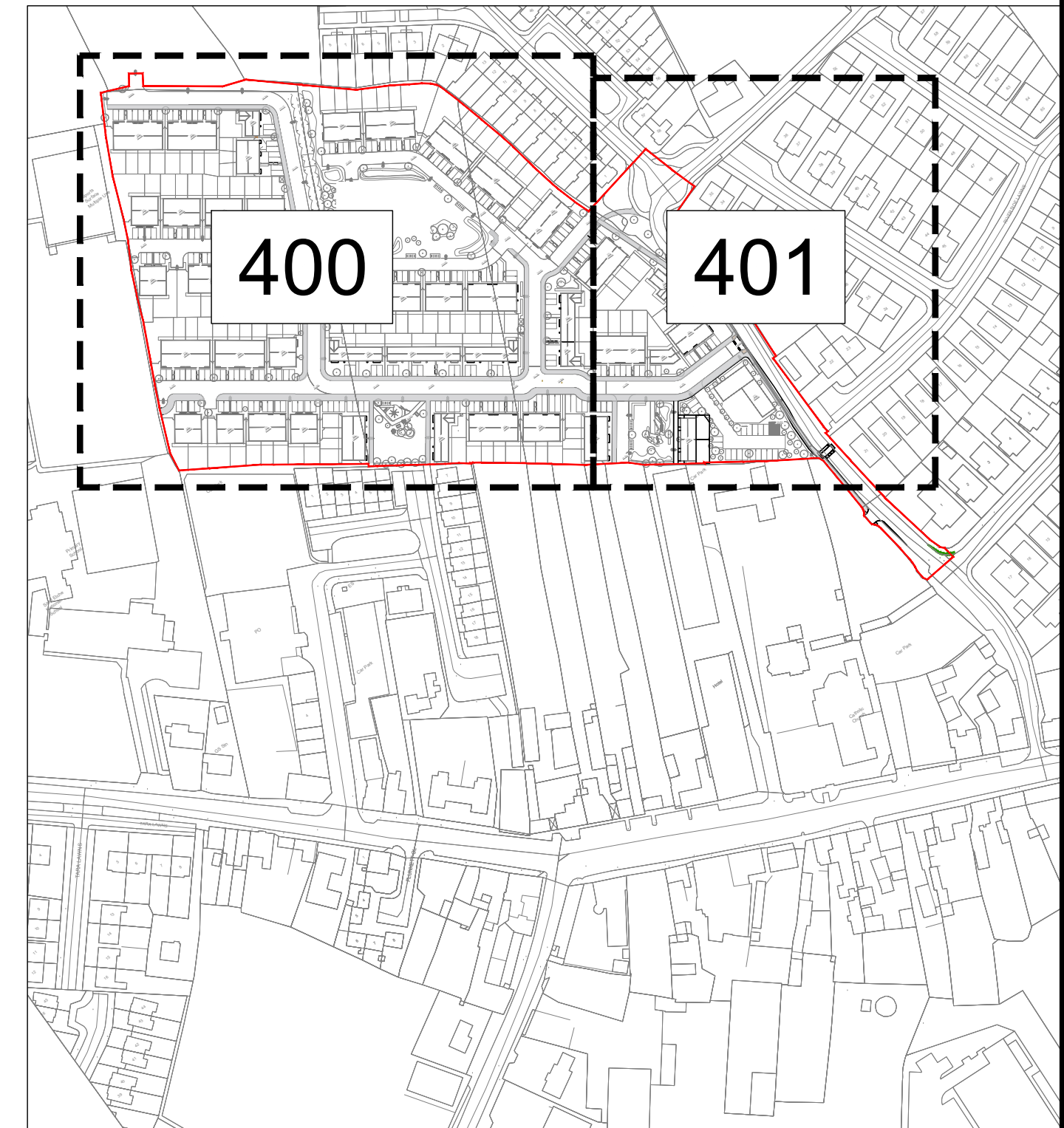




- GENERAL NOTES**
- THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH ALL RELEVANT ENGINEERS AND ARCHITECTS DRAWINGS AND SPECIFICATIONS.
  - ALL LEVELS ARE IN METRES TO ORDNANCE DATUM, MAJIN HEAD UNLESS NOTED OTHERWISE.
  - THE POSITION OF EXISTING SERVICES AS SHOWN ON THE DRAWING MAY NOT BE ACCURATE. 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.
  - LOCABLE 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 REDDED AND SURROUNDED IN CONCRETE 150MM THICK, CLASS E IN ACCORDANCE WITH T1 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.
  - THURST BLOCK ARRANGEMENTS SHALL COMPLY WITH IRISH WATER STANDARD DETAILS STD-W-20.
  - REFER TO MECHANICAL AND ELECTRICAL ENGINEERS' DRAWINGS FOR INTERNAL DRAINAGE AND DETAILS OF SOIL AND VENT PIPES LEADING TO WASTEWATER DRAINAGE AIS.
  - ALL WATER 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".
  - 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 ARCHITECTS DRAWINGS FOR SETTING OUT.
- CIVIL SERVICES LEGEND**
- EXISTING SURFACE WATER PIPES
  - PROPOSED SURFACE WATER PIPES
  - PROPOSED PVC FOUL SEWER PIPES (IN ACCORDANCE WITH SECTION 1.13 OF IRISH WATER CODE OF PRACTICE FOR PIPE MATERIALS)
  - EXISTING FOUL SEWER PIPES
  - BOUNDARY LINE
  - PROPOSED SURFACE WATER MANHOLE
  - PROPOSED FOUL SEWER MANHOLE
  - PROPOSED FOUL SEWER MANHOLE (IN ACCORDANCE WITH IRISH WATER TYPICAL DETAILS STD-WW-10/10A/11)
  - EXISTING MANHOLE
  - ROAD GULLY
  - 150mm DIA PERFORATED PIPE TO SWALE AREA
  - PROPOSED OVERFLOW CHAMBER
  - FLUSH KERB TO FACILITATE RUN-OFF TO SWALE
  - PROPOSED ATTENUATION TANK (SEE DRAWING NO. 421 FOR DETAILS)
  - PROPOSED PERMEABLE PAVING AT PRIVATE PARKING BAYS
  - PRIVATE SIDE FOUL SEWER INSPECTION CHAMBER (IN ACCORDANCE WITH IRISH WATER STANDARD DETAIL STD-WW-13)
  - STORM WATER INSPECTION CHAMBER
  - CL COVER LEVEL
  - IL INVERT LEVEL
  - ALL LEVELS RELATE TO MAJIN HEAD DATUM.
- NOTE:**  
FOR BOTH FOUL SEWER AND STORMWATER DRAINAGE PIPE INFORMATION REFER TO DRAWING NO. 241139-ORS-ZZ-00-DR-CE-415

FOR CONTINUATION SEE  
241139-ORS-ZZ-00-DR-CE-401



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REV NO.	DATE	REVISION NOTE	DWN BY:	CHK BY:
P04	21/03/2025	PRELIMINARY PLANNING PACK	PM	DG
P05	02/05/2025	ISSUED FOR PLANNING	PM	DG
P06	22/04/2025	IW SODA RESPONSE	PM	DG
P07	30/04/2025	IW SODA RESPONSE-ADDITIONAL COMMENTS	PM	DG
P08	01/05/2025	IW SODA RESPONSE-ADDITIONAL COMMENTS	PM	DG
P09	02/05/2025	ISSUED FOR PLANNING	PM	DG
P10	15/08/2025	ISSUED FOR DESIGN TEAM REVIEW	PM	DG
P011	21/08/2025	ISSUED AS PART OF F1 RESPONSE	PM	DG

CLIENT: JH KINNIE LTD.

PROJECT: HOUSING DEVELOPMENT AT KINNEGAD, Co. WESTMEATH.

TITLE: FOUL & STORMWATER SEWER LAYOUT PLAN  
SHEET 1

DRAWN: PM	CHECKED: MH	APPROVED: DG	JOB NO: 241139	REV: P011
DATE: AUGUST 2025	SCALE: 1:250	DRAWING NO: 241139-ORS-ZZ-00-DR-CE-400		

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