

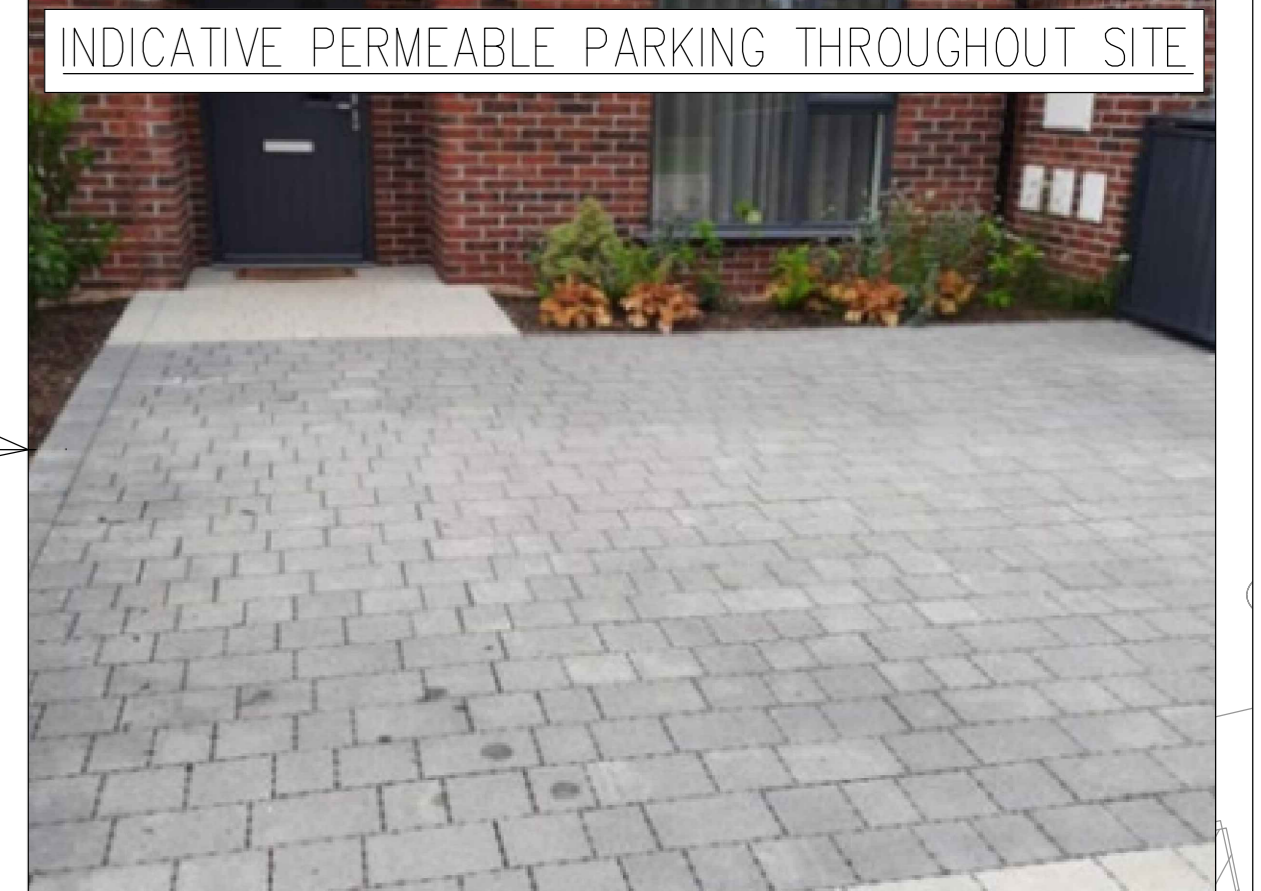
RECEIVED: 14/03/2023

**LEGEND:**

- SITE BOUNDARY
- PROPOSED PERMEABLE PARKING
- PROPOSED SURFACE WATER SEWER
- PROPOSED SURFACE WATER BASIN
- SURFACE WATER STORAGE BASIN
- PROPOSED HEADWALL

**PIPE MATERIALS**

- 100mm to 300mm PIPES TO BE uPVC TO S18
- 375mm TO 500mm PIPES TO BE PRECAST CONCRETE (EN12162/2002)



- NOTES:**
- CONTRACTOR TO CONFIRM EXISTING LEVELS AT SEWER TEES MATCH THAT OF EXISTING LEVELS SHOWN ON DRAWING PRIOR TO COMMENCEMENT OF WORKS.
  - THE COVER LEVELS INDICATED ARE APPROXIMATE.
  - ALL WORKS IN CONFINED SPACES SHALL BE CARRIED OUT IN STRICT ACCORDANCE WITH THE PROVISIONS ON 'SAFE WORK' IN CONFINED SPACES' CODE OF PRACTICE FOR WORKING IN CONFINED SPACES, PUBLISHED BY THE HEALTH & SAFETY AUTHORITY.
  - ALL SITE DEVELOPMENT WORKS SHALL BE CARRIED OUT IN STRICT ACCORDANCE WITH THE CONSTRUCTION DRAWINGS.
  - ALL DRAINAGE WORKS SHALL BE CARRIED OUT IN STRICT ACCORDANCE WITH THE REQUIREMENTS OF THE LOCAL AUTHORITY, ITS PUBLICATIONS SERIES 500 AND IRISH WATER CODE OF PRACTICE FOR WASTEWATER.
  - THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH ALL OTHER CONTRACT DOCUMENTATION, INCLUDING DRAWINGS AND SPECIFICATIONS.
  - THE CONTRACTOR IS SOLELY RESPONSIBLE FOR LOCATING, PROTECTING AND MAINTAINING ALL EXISTING SERVICES WITHIN THE SITE BOUNDARY AND IN THE AREAS AFFECTED BY THE WORKS. THE ENGINEER HAS PROVIDED INFORMATION ON KNOWN SERVICES BUT DOES NOT GUARANTEE THAT THIS INFORMATION PROVIDED BY THE THIRD PARTIES IS CORRECT OR THAT THESE ARE THE ONLY SERVICES ON THE SITE.
  - INSTALL SHORT LENGTHS OF PIPE OR HOOKER PIPES SHALL BE INSTALLED TO PROVIDE A FLEXIBLE JOINT WITHIN 1000mm OF THE OUTER FACE OF THE MANHOLE ON ALL SEWERS AND BRANCHES.
  - WHERE ROCK IS MET IN TRENCHES IT SHALL BE EXCAVATED AND TRIMMED TO 200mm BELOW THE UNDERSIDE OF PIPELINE.
  - GRAVELL MATERIAL 5mm - 20mm NOMINAL SIZE GRADED AGGREGATE (TO COMPLY WITH TABLE 1 OF BS) TO BE USED FOR BEDDING, HAUNCHING AND SURROUND TO PIPES WHERE SPECIFIED.
  - CONCRETE MIX (M20) TO BE USED FOR BEDDING, HAUNCHING AND SURROUND WHERE SPECIFIED.
  - WHERE ROAD PIPES WITH FLEXIBLE JOINTS ARE USED WITH CONCRETE BEDS FOR DRAINS AND WATERMANS, VERTICAL MOVEMENT JOINTS SHALL BE PROVIDED IN THE BEDS AT MAX INTERVALS OF 5.0M AND ALIGNED WITH FACE OF PIPE SOCKET. JOINTS TO BE MANHOLE (ON WEG. AND FLEED) OR SWALE APPROVED MATERIAL.
  - SURFACE WATER AND FOLL DRAINS SHALL BE SURROUNDED BY 150 THICKNESS OF C14/20 CONCRETE IF COVER TO PIPE IS LESS THAN -1.2m IN ROADS AND DRIVEWAYS -0.5m IN OPEN SPACES AND DRAINS NOT NEAR CARRIAGEWAYS.
  - ALL PIPE RUNS SHALL BE LAID IN STRAIGHT LINES BOTH VERTICALLY AND HORIZONTALLY TO THE SPECIFIED GRADIENTS BETWEEN MANHOLES. NO DEVIATIONS OF BENDS SHALL BE PERMITTED.
  - FOR ALL MANHOLE DETAILS, PIPE BEDDING, SURROUND AND HAUNCHING DETAILS AS PER DWG A034-CSC-ZZ-XX-DR-C-001R. MANHOLE COVERS & FRAMES, ROAD GULLIES, TESTING & CLEANING OF BRANES AND SEWER OVERSIZES, REFER TO THE CIVIL WORKS SPECIFICATION AND IRISH WATER CODE OF PRACTICE.
  - VERTICAL BACKDROP IN MANHOLES SHALL BE IN ACCORDANCE WITH IN STD-WK-12 OF IRISH WATER WASTEWATER STANDARDS DETAILS.
  - REFER TO DRAWING NUMBER A034-CSC-ZZ-XX-DR-C-001R FOR DETAILS OF PROPOSED PETROL INTERCEPTORS. NOTE Klargester INTERCEPTORS HAVE BEEN SPECIFIED IN THE DESIGN. CONTRACTOR MAY PROPOSE EQUIVALENT PRODUCTS WHICH COMPLY WITH THE PERFORMANCE SPECIFICATION OF THE MODELS SPECIFIED.
  - THE CONTRACTOR SHALL CARRY OUT A CCTV SURVEY REPORT OF THE COMPLETED SEWER & FOLL NETWORK TO THE SATISFACTION OF THE LOCAL AUTHORITY AND REPORT TO BE ISSUED ON PRACTICAL COMPLETION.
  - VENTILATION STACKS TO BE PROVIDED FOR ALL PETROL INTERCEPTORS (MIN. HEIGHT 3m ABOVE GROUND LEVEL). WHERE VENTILATION STACKS CANNOT BE FIRED TO BUILDINGS OR FENCES FREE STANDING STACK BY SPFF OR EQUIVALENT SHALL BE PROVIDED.
  - TESTING AND DISINFECTION SHALL COMPLY WITH SECTION 7 OF THE IRISH WATER GENERAL CIVIL ENGINEERING SPECIFICATION (DOC NO. IW-TC-300-01).
  - THE LOCAL AUTHORITY MUST BE NOTIFIED AT LEAST 10 WORKING DAYS IN ADVANCE OF COMMENCEMENT OF WORKS.

**PLANNING DRAWING.**  
**NOT FOR CONSTRUCTION.**  
 ALL LEVELS GIVEN ARE  
 RELATIVE TO ORDNANCE DATUM.  
 THIS DRAWING HAS BEEN ISSUED FOR INFORMATION  
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**NOTES**

- For setting out refer to Architect's drawings.
- This drawing to be read in conjunction with all other Architectural and Engineering drawings and all other relevant drawings and Specifications.
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| Rev/No | Date       | REVISION/NOTE           | Drn/By | Chk/By |
|--------|------------|-------------------------|--------|--------|
| P1     | 12.12.2022 | ISSUED FOR PLANNING     | SC     | NB     |
| P2     | 16.04.2023 | ISSUED FOR PLANNING     | SC     | NB     |
| P3     | 07.07.2023 | ISSUED FOR COORDINATION | SC     | NB     |
| P4     | 17.07.2023 | LAYOUT UPDATES          | SC     | NB     |
| P5     | 09.08.2023 | ISSUED FOR PLANNING     | SC     | NB     |

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|----------|---|
| Client   | Keldrum Limited   |
| Project  | Large-scale Residential Development at Tinakilly, Wicklow |
| Title    | Proposed SUDs Layout Sheet 2 of 2                         |
| Dwg No.  | A034-CSC-ZZ-XX-DR-C-0038                                  |
| Date     | 02 Oct 2022   |
| Scale    | 1:500 @ A0  |
| Revision | P5  |

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