

1. ALL SURFACE WATER INFRASTRUCTURE DETAILS AND CONSTRUCTION TO BE IN ACCORDANCE WITH THE GREATER DUBLIN REGIONAL CODE OF PRACTICE FOR DRAINAGE WORKS & SOUTH DUBLIN COUNTY COUNCILS REQUIREMENTS
2. PERMISSIBLE PIPE MATERIAL:
 - 2.1. CONCRETE:

DIAMETER:	SEWERS 225mm Ø AND ABOVE)
JOINTS:	SPIGOT AND SOCKET WITH RUBBER RING FITTINGS
STRENGTH CLASS:	120 (CRUSHING LOADS TABLE 8 BS 5911-1)
PIPE AND FITTINGS:	SPIGOT AND SOCKET OR REBATED FORM.
COMPLIANCE:	IS EN 1916, BS5911-1 AND IS 6 Ø R
EQUIVALENT STANDARD	
 - 2.1. THERMOPLASTIC STRUCTURED WALL PIPES:

DIAMETER:	SEWERS 150mm - 450mm Ø, SERVICE
CONNECTIONS:	1000mm Ø
STIFFNESS CLASS:	8kN/m ²
JETTING RESISTANCE:	2,600 PSI (180 BAR)
COMPLIANCE:	IS EN 13476
 - 2.2. UNPLASTICISED PVC:

DIAMETER:	SEWERS 150mm - 450mm Ø, SERVICE
CONNECTIONS:	1000mm Ø
STIFFNESS CLASS:	8kN/m ²
JETTING RESISTANCE:	2,600 PSI (180 BAR)
COMPLIANCE:	IS EN 1401
- 2.3. ALTERNATIVE PIPE MATERIAL TO BE IRISH AGREEMENT CERTIFIED AND APPROVED BY SOUTH DUBLIN COUNTY COUNCIL.

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| 3. | PIPE SIZES | |
| 3.1. | SEWER PIPE SIZE: | AS SHOWN ON DRAWING |
| 3.2. | SEWER CONNECTION: | 150mm Ø MIN (MIN 1/100 GRADIENT) |
| 3.3. | GULLY PIPE CONNECTION | 150mm Ø MIN |
| 4. | DEPTH OF COVER: | |
| 4.1. | ROADWAYS: NOT LESS THAN 1.2m | |
| 4.2. | PUBLIC OPEN SPACE: NOT LESS THAN 0.9m | |
| 4.3. | PRIVATE AREAS WITH NO VEHICLE ACCESS: NOT LESS THAN 0.5m | |
| 5. | ALL MAIN SEWERS WITH LESS THAN COVER AS STATED ABOVE UNDER ROADS TO BE SURROUNDED IN 150mm C20 CONCRETE | |
| 6. | MANHOLE COVERS (IN ACCORDANCE WITH IS EN 124): | |
| 6.1. | PUBLIC AREAS (ROADS & PARKING BAYS): | CLASS D400 |
| 6.2. | PUBLIC FOOTPATHS | CLASS B125 |
| 6.3. | PRIVATE DRIVEWAYS: | CLASS B125 |
| 6.4. | PRIVATE FOOTPATHS & GARDENS: | CLASS A15 |
| 7. | PROVIDE MANHOLE COVERS AND AJS WITH ARCHITECTURAL PAVING WHERE REQUIRED. | |
| 8. | ROAD GULLIES, GRATINGS AND FAMES TO COMPLY WITH IS EN 124, CLASS D400. GULLIES TO BE PRECAST CONCRETE UNLESS OTHERWISE AGREED. | |
| 9. | ALL ACCESS TO BE IN ACCORDANCE WITH EN 13598-1 AND EN 7158 AND SUITABLE FOR 150mm ID PIPEWORK | |
| 10. | CE CERTIFICATION TO BE PROVIDED FOR ALL PRODUCTS COVERED BY THE EU CONSTRUCTION PRODUCTS REGULATION (NO 305/2011-CPR) | |
| 11. | ALL ACCESS TO BE PROVIDED ON SITE TO BE APPROVED PRIOR TO ARRIVAL ON SITE TO BE READ IN CONJUNCTION WITH RPS ENGINEERING SERVICES REPORT AND STANDARD DRAINAGE DETAILS | |



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(ii) DO NOT SCALE, use figured dimensions only

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(iv) Information including topographical survey, geotechnical investigation and utility detail used in the design have been provided by others.

(v) All Levels refer to Ordnance Survey Datum, Malin Head.

S5 P02	26.02.25	JP DU	ISSUE FOR PLANNING	KL
S5 P01	10.02.25	JP DU	ISSUE FOR PLANNING	KL
Rev	Date	Drn Ck	Amendment / Issue	App



Scale	1/500 @ A1 1/1000 @ A3
Created on	01.09.24
Sheets	1 of 1

Project	KISHOGE PART 10 APPLICATION
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Title	SITE 5 KSG5A PROPOSED SURFACE WATER DRAINAGE LAYOUT
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Status	
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