



- LEGEND**
- NEW 100MM Ø uPVC SW SEWER @ 1/150 FALL
 - NEW 100MM Ø uPVC FOUL SEWER @ 1/50 FALL
 - INSPECTION CHAMBER PER STD-WW-13
 - NEW WAVIN SHALLOW AJ INSPECTION CHAMBER

- DRAINAGE NOTES:**
1. ALL DRAINAGE WORK TO BE CARRIED OUT IN ACCORDANCE WITH IS EN 752:2008, GREATER DUBLIN REGION CODE OF PRACTICE FOR DRAINAGE WORKS AND IW CODES OF PRACTICE & STANDARD DETAILS.
 2. ALL MANHOLE LEVELS, GRADIENTS & LOCATIONS TBC ON SITE.
 3. FOR ALL PIPEWORK PENETRATIONS AND WATERPROOFING DETAILS, REFER TO SPECIALIST CONSULTANT'S DRAWINGS, DETAILS & SPECIFICATIONS.
 4. ALL DRAINAGE PIPES WITH COVER TO CROWN LESS THAN 500mm TO BE ENCASED IN CONCRETE AS PER DETAIL.
 5. ALL DOWNPIPES POSITIONS AS PER ARCHITECT DETAILS TO TIE INTO NEW SURFACE WATER MANHOLES.

NOTE:
 PROPOSED GRAVITY DRAINAGE SYSTEM WILL BE CONSTRUCTED WITH UPVC AND LAID IN ACCORDANCE WITH THE BUILDING REGULATIONS (SECTION H) AND IN ACCORDANCE WITH THE SELECTED PIPE MANUFACTURER'S RECOMMENDATIONS. ALL PROPOSED WORKS AFFECTING THE PUBLIC DRAINAGE SYSTEM WILL BE SUBJECT TO DETAILED AGREEMENT WITH THE WATER AND DRAINAGE DEPARTMENT OF SOUTH DUBLIN COUNTY COUNCIL AND WITH IRISH WATER.

- NOTES**
- 1.0 DRAWINGS ARE NOT TO BE SCALED. USE ONLY STATED DIMENSIONS. ENGINEER TO BE NOTIFIED OF ANY DISCREPANCIES.
 - 2.0 ALL LEVELS REFER TO OS DATUM MALIN HEAD.
 - 3.0 THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE SPECIFICATION AND ALL OTHER CONTRACT DOCUMENTATION.
 - 4.0 ALL WORK SHALL COMPLY WITH THE REQUIREMENTS OF THE DEPARTMENT OF ENVIRONMENT (RECOMMENDATIONS FOR SITE DEVELOPMENT WORKS FOR HOUSING AREAS) AND THE SPECIFIC REQUIREMENTS OF THE LOCAL AUTHORITY.
 - 5.0 CONCRETE BASES AND SURROUNDS SHALL BE GRADE C30 SURROUNDS SHALL BE A MINIMUM 150MM THICK AND CONTAIN ONE LAYER OF A142 MESH.
 - 6.0 BLINDING CONCRETE SHALL BE GRADE C15. BLINDING SHALL BE A MINIMUM THICKNESS OF 100MM.
 - 7.0 SAND CEMENT RENDER SHALL BE A MINIMUM 25MM THICK WITH STEEL TROWEL FINISH.
 - 8.0 CHAMBERS COVERS & FRAMES SHALL COMPLY WITH THE REQUIREMENTS OF IS 281 AND SHALL BE MINIMUM CLASS D400. CHAMBER COVERS SHALL BE BADGES WITH THE APPROPRIATE LETTERING TO INDICATE THE TYPE OF VALVE.
 - 9.0 MARKER POSTS AND INDICATOR PLATES SHALL COMPLY WITH THE REQUIREMENTS OF BS 3251.
 - 10.0 SEMI ENGINEERING BRICK SHALL BE GRADE 47MM/2.
 - 11.0 ALL CONNECTIONS TO THE LOCAL MAINS SHALL BE COMPLETED BY THE LOCAL AUTHORITY OR UNDER THE SUPERVISION OF THE LOCAL AUTHORITY.

PROPOSED DRAINAGE PLAN
 Scale 1:50

OVERFLOW FROM SUDS TO EXISTING PUBLIC SURFACE WATER DRAINAGE SYSTEM IF REQUIRED FOLLOWING SOIL INFILTRATION TEST

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Scale: 1:50 @ A1	Client: John Shenton & Margaret Hanlon	Job Title: Development at St.Claire's Villas	Rev	Revision description	Date	Drawn	Design	Check
Date: FEB23	Drawing number: 5845 /01	Drawing Title: DRAINAGE LAYOUT	B	ADDITIONAL INFORMATION PLANNING	FEB2023	AA	AA	TON
			A	ISSUED FOR PLANNING	AUG2022	MC	MC	TON

Additional Information
 Planning Ref: SD22A/0372
 15th February 2023