

FOUL MANHOLE SCHEDULE		
REF	COVER LEVEL	INVERT LEVEL
F1	93.575	91.055
F2	93.815	91.522
F3	93.927	91.767
F4	93.983	91.827
F5	93.913	91.856
F6	93.880	91.933
F7	93.807	92.514
F8	93.780	92.658
F9	93.938	92.654
F10	94.062	93.120
F11	93.797	92.595
F12	93.762	93.013
F13	93.862	92.130
F14	93.856	92.209
F15	93.962	92.390
F16	94.018	92.624
F17	94.161	92.912
F18	94.225	93.135
F19	94.027	91.622
F20	94.373	91.773
F21	94.735	91.912
F22	94.322	92.997
F23	94.948	93.547
F24	95.382	93.842



NOTE: WHERE FOUL SEWERS OR SURFACE WATER PIPES CROSS OVER THE EXISTING WATERMAIN, THEY SHALL CROSS AT RIGHT ANGLES TO THE EXISTING WATERMAIN AND SHALL BE LOCATED MIDWAY BETWEEN THE WATERMAIN JOINTS. THERE SHALL BE A MINIMUM OF 500mm VERTICAL SEPARATION DISTANCE BETWEEN THE TOP OF EXISTING WATERMAIN AND UNDERSIDE OF FOUL / SURFACE WATER PIPE AT THE CROSSING POINT.

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LEGEND

- REFER TO ARCHITECTS DRAWINGS FOR SITE BOUNDARY LINE
- OUTLINE OF WAYLEAVE FOR EXISTING 4000 WATERMAIN
- PROPOSED FOUL SEWER
- IC PROPOSED FOUL INSPECTION CHAMBER WITHIN 1m OF PROPERTY BOUNDARY
- EXISTING FOUL SEWER

NOTES:

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER DRAWINGS AND SPECIFICATIONS.
2. ALL LEVELS ARE IN METRES O.D. MALIN HEAD.
3. THE POSITION AND LEVELS OF EXISTING SERVICES INsofar AS THEY ARE KNOWN AND AS SHOWN ON THE DRAWINGS MAY NOT BE ACCURATE AND THEREBY INDICATE THEIR PRESENCE IN THE WORKING AREA. THE CONTRACTOR IS RESPONSIBLE FOR LOCATING EXISTING SERVICES ON SITE.
4. THE SURVEY INFORMATION SHOWN ON THIS DRAWING IS TAKEN FROM A TOPOGRAPHICAL SURVEY UNDERTAKEN BY MURPHY GEOSPATIAL IN MAY 2021, DRAWING REFERENCE MGL41890_T_ITM_Rev2
5. FOR DETAILS OF LONGITUDINAL SECTIONS REFER TO DRG. Nos 21003-TJOC-ZZ-ZZ-DR-C-0057, 21003-TJOC-ZZ-ZZ-DR-C-0058 & 21003-TJOC-ZZ-ZZ-DR-C-0059.
6. FOR DETAILS OF MANHOLES REFER TO THE IRISH WATER CODE OF PRACTICE FOR WASTEWATER INFRASTRUCTURE.
7. FOR DETAILS OF BEDDING REFER TO DRG. No. 21003-TJOC-ZZ-ZZ-DR-C-0060.
8. THE PROPOSED FOUL DRAINAGE FOR THIS DEVELOPMENT HAS BEEN DESIGNED IN ACCORDANCE WITH THE IRISH WATER CODE OF PRACTICE FOR WASTEWATER INFRASTRUCTURE.
9. FOUL SEWERS WITH A DIAMETER OF 150mm AND 225mm SHALL BE CONSTRUCTED WITH S185 UFVC PIPEWORK.
10. WHERE EXCAVATIONS FOR DRAINAGE ENCROACH ON THE BEARING FOR FOUNDATIONS (I.E. PIPE IS BELOW FOUNDATION OR BELOW 45° LINE EXTENDING OUT AND DOWN FROM THE BOTTOM OF THE FOUNDATION) SUCH EXCAVATIONS SHALL BE BACKFILLED IN LEAN MIX CONCRETE TO FORMATION LEVEL OF FOUNDATIONS.
11. PIPE BEDDING AND BACKFILL SHALL BE AS PER DRAWING 21003-TJOC-ZZ-ZZ-DR-C-0060 WITH CLASS E BEDDING FOR FLEXIBLE PIPES. BACKFILLING OF TRENCHES ABOVE PIPE BED AND SURROUND SHALL BE CLASS B4 MATERIAL WHERE TRENCHES ARE BENEATH ROADS, UNLESS SITUATION IS AS PER NOTE 11 ABOVE. WHERE PIPES ARE LAID UNDER SLABS AND CONCRETE SURFACES, THE TRENCHES SHALL BE BACKFILLED WITH HARD CORE COMPLYING WITH THE REQUIREMENTS OF SR21 AND IS EN 15242.
12. WHERE AN UNDERGROUND PIPE IS BUILT INTO A STRUCTURE THERE SHALL BE TWO FLEXIBLE JOINTS ADJACENT TO THE STRUCTURE. THE FIRST SHALL BE NOT MORE THAN ONE PIPE DIAMETER FROM THE OUTSIDE FACE OF THE STRUCTURE. THE LENGTH OF THE NEXT PIPE (ROCKER PIPE) SHALL NOT EXCEED 750mm FOR PIPES UP TO 4500.
13. SETTING OUT OF ALL SVP'S AND RWP'S TO ARCHITECTS DETAILS
14. ALL MANHOLES TO BE SET OUT ON SITE AND CO-ORDINATED WITH PROPOSED AND EXISTING SERVICES PRIOR TO CONSTRUCTION.
15. COVER LEVEL TO BE CO-ORDINATED WITH PROPOSED LANDSCAPING LEVELS.
16. ALL MANHOLE COVERS IN TRAFFICKED AREAS TO BE A MINIMUM OF CLASS D400 SOLID TOP COVERS. RECESSED COVERS TO BE PROVIDED IN PAVED LANDSCAPED AREAS.

C01	AP	ISSUED FOR PLANNING	18.11.2021
REV	STAT	DESCRIPTION	DATE
DRAWING STATUS: ISSUED FOR PLANNING			
CHECKED BY: RON	REVIEWED BY: JM	APPROVED BY: JM	

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PROJECT:	ISSUED FOR PLANNING DEVELOPMENT AT GORDON PARK
CLIENT:	GREENWALK DEVELOPMENT LTD.
DRAWING TITLE:	PROPOSED FOUL SEWER LAYOUT
SCALE:	1:500 (A1)
PROJECT ORIGINATOR - VOLUME - LOCATION - TYPE - ROLE - NUMBER	21003-TJOC-ZZ-ZZ-DR-C-0056
REV:	C01