

**IMPORTANT :** It is the responsibility of the Contractor to check and agree with Frank Fox & Associates all levels, datum and reference points prior to commencement of contract. This drawing shall not be altered or copied without the consent of Frank Fox & Associates.

**NOTES:**

This drawing is not to be scaled.  
 Figured dimensions only are to be taken from this drawing.  
 All setting out dimensions are to be checked and confirmed on site prior to commencement of work.  
 Any discrepancies encountered to be brought to the attention of Frank Fox & Associates without delay.  
**IF IN DOUBT ASK!**

**Levels to OD Mean Head.**  
 Road chainages and levels on this drawing are rounded.  
 For values to nearest mm see printouts.

**SPECIFICATIONS:**

**ROADS (1)**  
 Construction to DoE Specification for Road Works' (to 'Recommendations for Site Development Works', laid to DoE cl. 901)

40mm of Polymer Modified Stone Mastic Asphalt (PMSMA) surface courses shall conform to IS EN 13108-5. The mixture designation shall be; SMA 10 surf PMB 65/105-60 des  
 on 60mm of Dense Bitumen Macadam Basecourse (20mm ag.) (DoE cl. 902) on Roadbase.

on 80mm of Dense Bitumen Macadam Roadbase (40mm ag.) (DoE cl. 812, laid to DoE cl. 901)

**Foundation:**  
 (to LR1132 [TRRL], laid to DoE cl. 801-2);  
 based on CBR tests as below

225mm of Graded Stone (DoE cl. SR 21:2014) on formation, where sub-grade above 5% CBR, and not to be used for construction traffic, or 150mm of Graded Stone (DoE cl. Granular Stone Fill to SR 21:2014, Annex E, Compacted in Layers) on capping layer.

**Capping layer**  
 (this may be used for construction traffic) sub-grade not less than 2% CBR, 350mm of selected fill material min 15% CBR, or Crushed Stone (100mm down) on formation. Sub-grade below 2% CBR, 600mm of selected fill material min 15% CBR, or Crushed Stone (100mm down).  
 Geotextile fabric: Terram 2000 or similar approved, laid to manufacturer's specification, on formation

**Tack Coat**  
 A tack coat shall be sprayed onto all surfaces prior to overlay. Bond or tack coats for Asphalt Concrete and Hot Rolled Asphalt shall be in accordance with BS 594987 and sub-Clause 3.

**New Concrete Path (2)**  
 150k C35/45 Washed Concrete Finish Path to Architects Specifications Reinforced With 1 Layer of Mesh Fabric BS Ref. A193 Top on 1 Layer of Graded Stone to SR21:2016, Annex E, Type 1 Compacted in Layers of 150mm on Geotextile fabric: Terram 2000 or similar approved, laid to manufacturer's specification.

**Joints:**  
 Joints to Footpath to be @ a Maximum 3 Meter Centres With a Double Layer of Roof Felt, Complying With IS 36 For The Full Depth of The Joint.

**Kerbs:**  
 All Kerbs to be 250x125 Standard Half Battered Concrete Kerbs.

**Dropped Kerbs: (DK)**  
 All Kerbs shown thus to be Standard Dropped Concrete Kerbs.

**Grassed Area: (3)**  
 Indicated to be Landscaped Raked & Grass Seeded

**Existing Services:**  
 All Manholes, Hydrants & Utility Covers to be Raised to Match Levels of New Road & Landscaped Areas.

**Road Markings:**  
 Provide Double Lines to Both Sides of New Road & Parking Bay Markings as indicated to DOE Specifications.

**New RC Retaining Wall (4)**  
 250k Concrete Retaining Wall & 1500x300k RC. Base Slab

**New Solid Block Boundary Walls: (5)**  
 215k Solid Block Wall With Concrete Cap & 450x450 Piers @ 4.8 Meter Centres on 1000x300dp Strip Foundation Reinforced With 1 Layer of Mesh Fabric BS. Ref. A393 Top & Bottom on 50dp Concrete Blinding. Wall Ties Should be Provided to All Piers @ 250ctrs Vertical & Should Comply With I.S. EN845-1 & Should be Material References 1 or 3 in I.S. EN 845 table A1 Austenitic Stainless Steel, 11. Contractor to Allow For Movement Joints in new Boundary Wall @ Every Third Blockwork Pier.

Thursday 17th JUNE 2021  
**PLANNING ONLY**  
 THIS DRAWING IS NOT TO BE USED  
 FOR CONSTRUCTION PURPOSES

REV	DESCRIPTION	BY	DATE

PROJECT TITLE  
**WATERFORD COUNCIL. HOUSING.  
 GREEN ROAD, WATERFORD.**

DWG TITLE  
**ROAD  
 PLAN**

DRAWN	CHECKED	DATE	SCALE	CAD REF.
T.Dooney	R.J.Fox	2019.10.02	1:50	219054-plans.dwg

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PROJECT No.	DWG No.	REV
219054	RP/01	

