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ON ORIGINAL

NOTES:

- ALL REINFORCED CONCRETE ON THIS DRAWING SHALL BE U.N.O.: 35N20 COVER = 50mm MIN.
- SURFACE FINISHES FOR CONCRETE:
  - CLASS F1 FOR ALL CONCRETE 100mm OR MORE BELOW GROUND LEVEL.
  - CLASS F3 FOR ALL EXPOSED CONCRETE ABOVE 100mm BELOW GROUND LEVEL.
- ALL EXPOSED CORNERS ON CONCRETE SHALL BE CHAMFERED WITH 25mm x 25mm CHAMFERS.
- ALL STRUCTURAL CONCRETE (HEADWALLS, RC MANHOLES, PETROL INTERCEPTOR SLABS) TO RECEIVE MC OUR 1680 (OR SIMILAR APPROVED TAR MODIFIED EPOXY RESIN) TO ALL BURIED SURFACES, TO FINISH 100mm BELOW GROUND LEVEL.
- ALL SEWERS SHALL BE PRESSURE TESTED PRIOR TO BACKFILLING.
- TYPE 1 GRANULAR MATERIAL : BROKEN STONE OR GRAVEL TO PASS 10mm SIEVE AND BE RETAINED ON 5mm SIEVE.
- TYPE 2 GRANULAR MATERIAL : BROKEN STONE OR GRAVEL TO PASS 10mm – 25mm SIEVE, ACCORDING TO PIPE SIZE, (SEE TABLE) AND BE RETAINED ON 5mm SIEVE.
- TYPE 3 SELECTED FILL : UNIFORM READY COMPACTED MATERIAL FREE FROM TREE ROOTS, VEGETABLE MATTER, BUILDING DEBRIS, AND FROZEN SOIL, AND EXCLUDING CLAY LUMPS RETAINED ON A 75mm SIEVE AND STONES RETAINED ON A 37.5mm SIEVE.
- RIGID PIPES SHALL MEAN CAST OR SPUN IRON, CONCRETE, ASBESTOS CEMENT OR CLAY.

TYPE 2 GRANULAR MATERIAL :		
PIPE SIZE	100% PASSING	
UP TO 225mm	10mm SIEVE	
225 TO 450mm	20mm SIEVE	
ABOVE 450mm	25mm SIEVE	

REV	DATE	DESCRIPTION	PPK	DMW
A	19/12/17	FINAL SUBMISSION, AN BORD PLEANALA	PPK	DMW

DESIGNED	DG	PREPARED	PPK
DATE	JULY 2017	CHECKED	DMW

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PROJECT

**FORTUNESTOWN LANE & GARTERS LANE RESIDENTIAL DEVELOPMENT**

DRG. TITLE

**TYPICAL DRAINAGE DETAILS SHEET 1 OF 3**

CLIENT

**GREENACRE RESIDENTIAL DAC**

SCALE	AS SHOWN @A1	FILE REF.	162073-3060
DRG. NO.	162073-3060		A