

	ON ORIGINAL
	1 15 25 50mm
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	NO CHANGES OF WHATSOEVER NATURE ARE TO BE MADE TO ANY DETAILS SET OUT OR CONTAINED IN ANY DBFL SPECIFICATIONS OR DRAWINGS UNLESS THE EXPRESS CONSENT HAS BEEN OBTAINED IN ADVANCE, IN WRITING, FROM DBFL.
	GENERAL NOTES: 1. ALL SURFACE WATER MANHOLES AND DRAINAGE ARE TO BE CONSTRUCTED IN ACCORDANCE WITH THE REQUIREMENTS OF THE GREATER DUBLIN CODE OF PRACTICE FOR DRAINAGE
	WORKS. 2. ALL FOUL DRAINAGE WORKS TO BE IN ACCORDANCE WITH IRISH WATERS' CODE OF PRACTICE FOR WASTEWATER SUPPLY AND WASTEWATER INFRASTRUCTURE STANDARD DETAILS.
	<ol> <li>SURFACES FINISHES FOR CONCRETE:</li> <li>CLASS F1 FOR ALL CONCRETE 100mm OR MORE BELOW GROUND LEVEL.</li> <li>CLASS F3 FOR ALL EXPOSED CONCRETE ABOVE 100mm BELOW GROUND LEVEL.</li> <li>ALL EXPOSED CORNERS ON CONCRETE SHALL BE CHAMFERED WITH 25mm x 25mm CHAMFERS.</li> </ol>
	5. ALL STRUCTURAL CONCRETE (HEADWALLS, RC MANHOLES, PETROL INTERCEPTOR SLABS) TO RECEIVE MC DUR 1680 (OR SIMILAR APPROVED TAR MODIFIED EPOXY RESIN) TO ALL BURIED SURFACES. TO FINISH 100mm BELOW GROUND LEVEL.
	<ol> <li>ALL SEWERS SHALL BE PRESSURE TESTED PRIOR TO BACKFILLING.</li> <li>TYPE 1 GRANULAR MATERIAL : BROKEN STONE OR GRAVEL TO PASS 10mm SIEVE AND BE RETAINED ON 5mm SIEVE. TYPE 2 GRANULAR MATERIAL :BROKEN STONEOR GRAVEL TO PASS 10mm - 25mm SIEVE, ACCORDING TO PIPE SIZE, (SEE TABLE) AND BE RETAINED ON 5mm SIEVE.</li> </ol>
	<ol> <li>TYPE 3 SELECTED FILL : UNIFORM READILY 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.</li> <li>ALL LADDERS, RUNGS, SAFETY CHAINS etc SHALL BE HOT DIPPED GALVANISED TO BS 729 OR EQUIVALENT.</li> </ol>
NOTE: ALL BENDS TO BE LONG RADIUS.	
110mmø CONNECTION FROM ACCESS JUNCTION BOX.	
COLLECTOR	
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義 GRADE C28/35 MASS	
CONCRETE BACKFILL.	rev     date     description     by     chkd.       A - Approved     A - Approved       client approval     B - Approved with comments       C - Do not use
NULAR SUB-BASE TO CLAUSE 808 .E. WITH BLINDED SURFACE.	suitability issue purpose S0 - WORK IN PROGRESS PLANNING
	DBFL Consulting Engineers Civil, Structural & Transportation Engineering www.dbfl.ie
GEOGRID a. from edge of protection slab)	DUBLIN OFFICE: Ormond House, Upper Ormond Quay, Dublin 7. D07 W704 PHONE +353 1 400 4000 CORK OFFICE: 14 South Mall, Cork. T12 CT91 PHONE +353 21 2024538 WATERFORD OFFICE: Suite 8b The Atrium, Maritana Gate, Canada Street, Waterford. X91 W028
	project ref. WHITE PINES CENTRAL
200	
BEDDING MATERIAL TO NRA SPEC. CLAUSE 503.3.1	TYPICAL DRAINAGE DETAILS SHEET 2
	client ARDSTONE HOMES
<u>L</u>	designed by     author     scale     sheet size       SPB     JVS     AS SHOWN     A1       drawing no.     revision
	190004-DBFL-CS-SP-DR-C-5002 P0