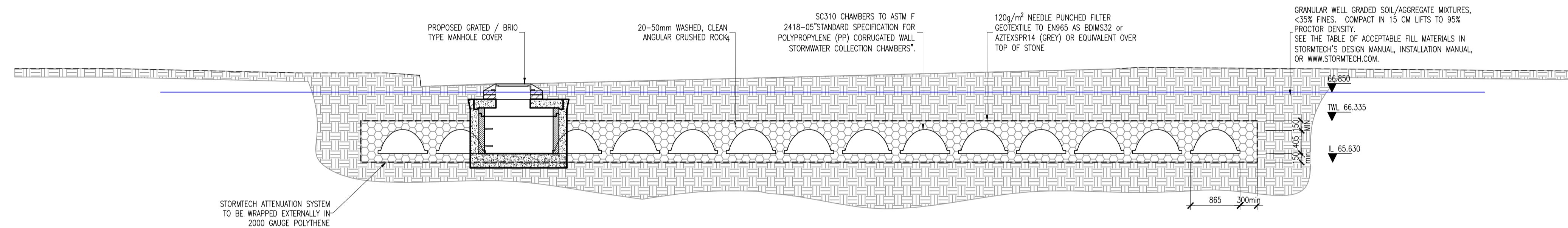
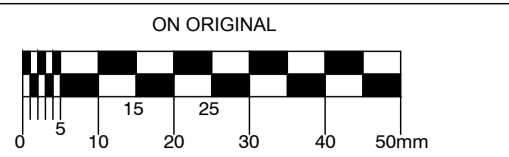


SECTION C-C  
CATCHMENT C  
SCALE 1:50



SECTION D-D  
CATCHMENT D  
SCALE 1:50

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- NOTES:
- WHERE ROCKS OR OTHER HARD TRENCH BOTTOM IS ENCOUNTERED, THE FIGURE DENOTED BY \* IS TO BE DOUBLED.
  - 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.
  - CLAUSE 601 S.R.W. BACKFILL : 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.
  - RIGID PIPES SHALL MEAN CAST OR SPUN IRON, CONCRETE OR CLAY.
  - GULLY GRATINGS AND FRAMES SHALL COMPLY WITH THE REQUIREMENTS OF I.S./E.N./124 1994. GULLIES SHALL BE CLASS D400.
  - GULLY WALLS SHALL BE CONSTRUCTED IN CLASS 30N/mm<sup>2</sup> PRECAST OR INSITU CONCRETE OR ALTERNATIVELY IN SOLID CONCRETE BLOCKS DESIGNATED S10, STRENGTH 10N/mm<sup>2</sup>
  - ALL PIPES TO BE BEDDED IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS
  - SURFACE WATER SEWERS TO BE CLASS H CONCRETE TO IS EN1916 AND IS 6 2004.

REV.	DATE	DESCRIPTION	BY	CHKD.
<b>PLANNING</b>				
DESIGNED	xxx	PREPARED	xxx	
DATE	MMM YYYY	CHECKED	xxx	

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PROJECT  
**LANDS AT CLONMINCH, TULLAMORE, CO OFFALY**

DRG. TITLE  
**CATCHMENT ATTENUATION C & D**

CLIENT  
**STEINFORT INVESTMENTS FUND**

SCALE	FILL IN @A1	FILE REF.	180002-3015
DRG. NO.	180002-3017		