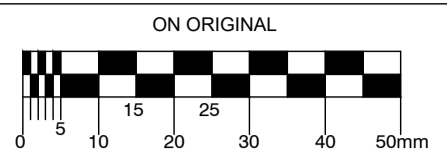


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- NOTES:
- WHERE ROCKS OR OTHER HARD TRENCH BOTTOM IS ENCOUNTERED, THE FIGURE DENOTED BY '1' IS TO BE DOUBLED.
  - TYPE 1 GRANULAR MATERIAL : BROKEN STONE OR GRAVEL TO PASS 10mm SIEVE AND BE RETAINED ON 5mm SIEVE.
  - TYPE 2 GRANULAR MATERIAL : BROKEN 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.I.E.N/124 1994. GULLIES SHALL BE CLASS D400.
  - GULLY WALLS SHALL BE CONSTRUCTED IN CLASS 30N/mm<sup>2</sup> PRECAST OR IN-SITU 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 6204.

B	14-09-21	FOR SHD APPLICATION	JVS	BK
A	16-07-21	REVISED LAYOUT	JVS	BK
REV.	DATE	DESCRIPTION	BY	CHKD.

PLANNING				
DESIGNED	BK	PREPARED	JVS	
DATE	AUG 2021	CHECKED	BK	

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

DRG. TITLE  
**CATCHMENT ATTENUATION C**

CLIENT  
**STEINFORT INVESTMENTS FUND**

SCALE	AS SHOWN @A1	FILE REF.	180002-3015
DRG. NO.	180002-3017		B