

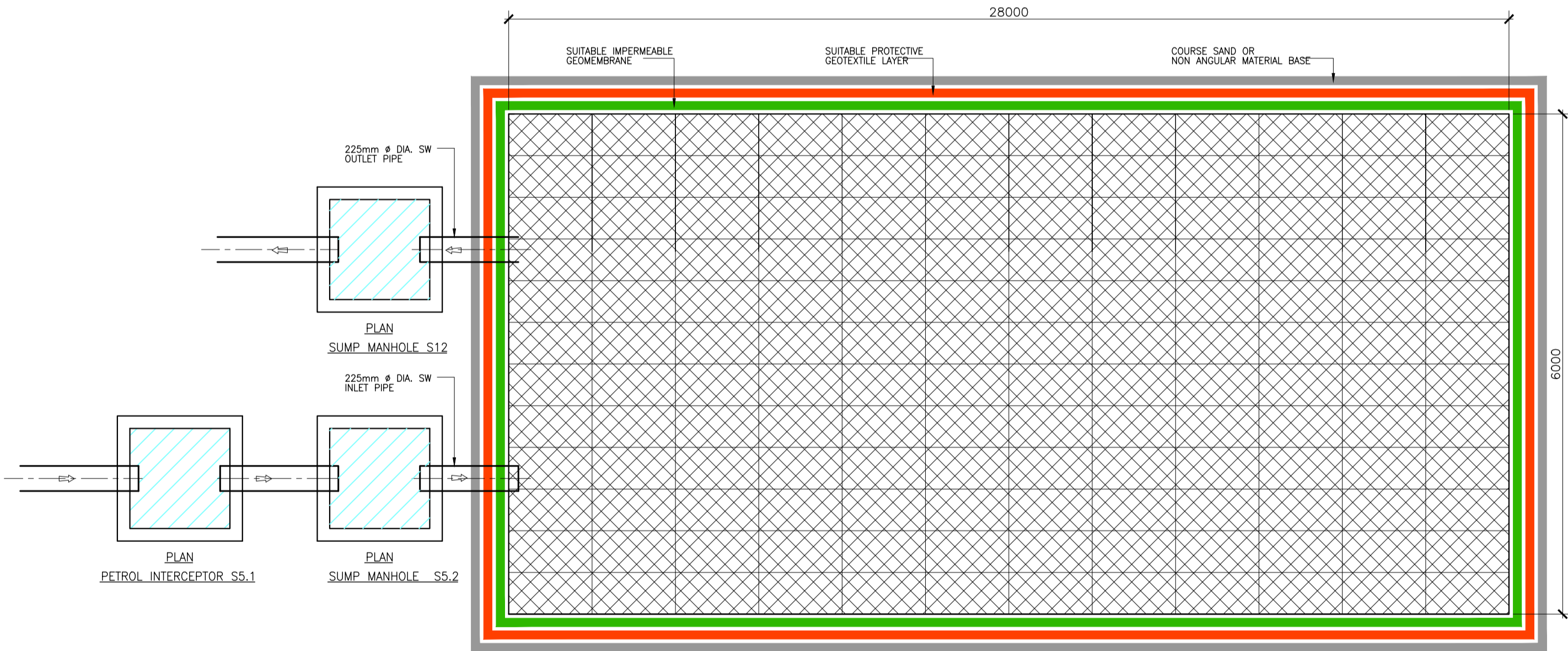
TYPICAL SECTION THROUGH ATTENUATION TANK

1:50

NOTE:
PROPOSED ATTENUATION TANK, 28M x 6M x 1M DEEP TO CATER FOR 100YR
FLOOD EVENT WITH 10% ALLOWANCE FOR CLIMATE CHANGE
STORAGE PROVIDED = 166 cu. m.
BASED ON PROPRIETARY ATTENUATION TANK SYSTEM PROVIDING 95% VOIDS

LEGEND	
	GULLY
	PROPOSED TWIN WALL SURFACE WATER PIPES
	EXISTING SURFACE WATER PIPES
	PROPOSED PVC FOUL SEWER PIPES
	EXISTING FOUL SEWER PIPES
	PROPOSED 125mm PE WATERMAIN
	EXISTING WATERMAIN
	BOUNDARY LINE
	PROPOSED SURFACE WATER MANHOLE
	PROPOSED FOUL SEWER MANHOLE
	EXISTING MANHOLE
	PROPOSED INSPECTION CHAMBER
	C.L. COVER LEVEL
	I.L. INVERT LEVEL
	ANCHOR/THRUST BLOCK
	SLUICE VALVE
	SC.V. SCOUR VALVE
	HYD. HYDRANT
	A.V. AIR VALVE
	W.M. WATER METER
	DP/MH DROP MANHOLE
	EP ELECTRIC POLE
	TP TELEPHONE POLE
	LP LAMP POST
NOTES: ALL LEVELS RELATE TO MALIN HEAD DATUM.	

- NOTES :-
1. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH ALL RELEVANT ENGINEER'S AND ARCHITECT'S DRAWINGS AND SPECIFICATIONS.
 2. ALL LEVELS ARE IN METRES TO ORDNANCE DATUM, MALIN HEAD UNLESS NOTED OTHERWISE.
 3. THE POSITION OF EXISTING SERVICES AS SHOWN ON THE DRAWING MAY NOT BE ACCURATE. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR LOCATING ALL EXISTING SERVICES ON THE SITE AND SHOULD CONTACT THE RESPECTIVE UTILITY PROVIDERS AND AUTHORITIES FOR THE MOST UP-TO-DATE INFORMATION BEFORE COMMENCING THE WORKS.
 4. EXISTING LEVELS ARE INDICATIVE ONLY AND MUST BE CHECKED AND VERIFIED ON SITE PRIOR TO COMMENCEMENT.
 5. PROPOSED MANHOLE COVER LEVELS ARE APPROXIMATE AND SHOULD BE ADJUSTED TO SUIT LOCAL FINISHES.
 6. ALL SURFACE WATER DRAINAGE INFRASTRUCTURE SHALL BE CONSTRUCTED IN ACCORDANCE WITH LOCAL AUTHORITY REQUIREMENTS.
 7. LOCKABLE TYPE GULLY TRAPS TO BE USED ON ALL SURFACE WATER DRAINS.
 8. GULLY POSITIONS ARE APPROXIMATE ONLY AND SHOULD BE LOCATED AT LOW POINTS.
 9. REFER TO ARCHITECTS' DRAWINGS FOR ALL ROOF DRAINAGE, STRIP DRAINS AND GULLY TRAPS BENEATH DOWNPIPES.
 10. WHERE IT IS NOT POSSIBLE TO ACHIEVE MINIMUM COVER, PIPES SHOULD BE BEDDED AND SURROUNDED IN CONCRETE 150MM THICK, CLASS E IN ACCORDANCE WITH TII STANDARD CONSTRUCTION DETAIL CC-SCD-00521.
 11. ALL WASTEWATER DRAINAGE INFRASTRUCTURE SHALL BE CONSTRUCTED IN ACCORDANCE WITH IRISH WATER STANDARDS. REFER TO IRISH WATER PUBLICATIONS "WASTEWATER INFRASTRUCTURE STANDARD DETAILS - IW-CDS-5030-01" AND "CODE OF PRACTICE FOR WASTEWATER INFRASTRUCTURE - IW-CDS-5030-03".
 12. HYDRANTS TO BE ACCORDANCE WITH IRISH WATER STANDARD DETAILS STD-W-16 TO STD-W-19.
 13. THRUST BLOCK ARRANGEMENTS SHALL COMPLY WITH IRISH WATER STANDARD DETAILS STD-W-28.
 14. REFER TO MECHANICAL AND ELECTRICAL ENGINEER'S DRAWINGS FOR INTERNAL DRAINAGE AND DETAILS OF SOIL AND VENT PIPES LEADING TO WASTEWATER DRAINAGE AJS.
 15. ALL WATER INFRASTRUCTURE SHALL BE CONSTRUCTED IN ACCORDANCE WITH IRISH WATER STANDARDS. REFER TO IRISH WATER PUBLICATIONS "WATER INFRASTRUCTURE STANDARD DETAILS - IW-CDS-5020-01" AND "CODE OF PRACTICE FOR WATER INFRASTRUCTURE - IW-CDS-5020-03".
 16. ALL PLANTING & TREES TO COMPLY WITH SEPARATION DISTANCES AS PER IRISH WATER STANDARD DETAILS FOR WASTEWATER, STD-WW-06 AND STD-WW-06A AND FOR WATER, STD-W-12 AND STD-W-12A.



PLAN OF ATTENUATION TANK

1:50

PLANNING

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Figured dimension only to be taken from this drawing.
All dimensions to be checked on site.
Consultants to be informed immediately of any discrepancies before work proceeds.

REV NO:	DATE:	REVISION NOTE:	DWN BY:	CKD BY:
P01	12/02/2021	ISSUED FOR PLANNING	ED	AK

CLIENT:	WESTMEATH COUNTY COUNCIL			
PROJECT:	33No. HOUSING UNITS AND ANCILLARY WORKS AT CANAL AVENUE, MULLINGAR, Co. WESTMEATH			
TITLE:	TYPICAL ATTENUATION TANK LAYOUT AND SECTION			
DRAWN: ED	CHECKED: AK	APPROVED: MH	JOB NO: 211_028	REV: P01
DATE: 28/01/2021	SCALE: 1:50	DRAWING NO: 211_028-ORS-Z0-00-DR-C-402		

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