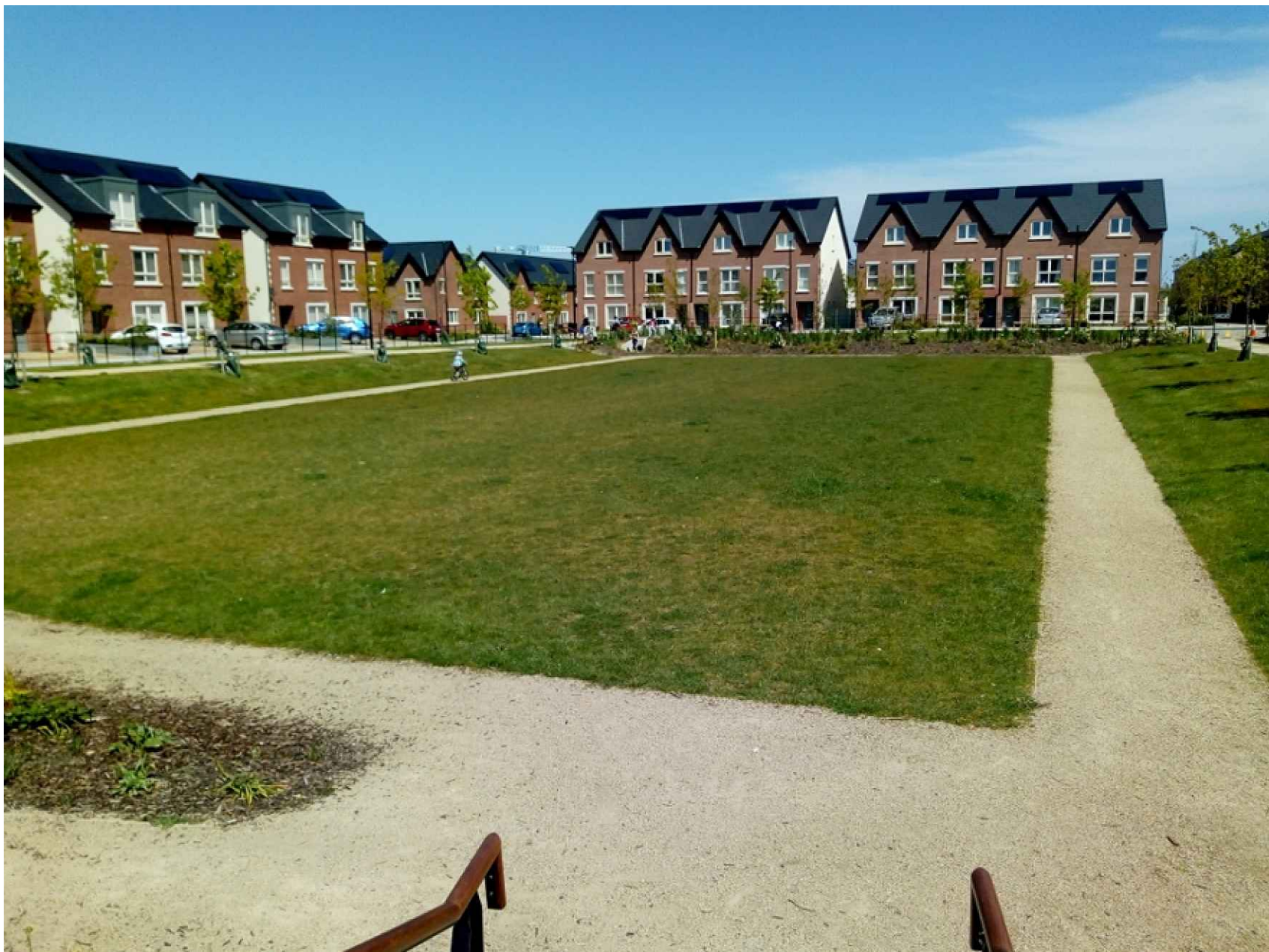
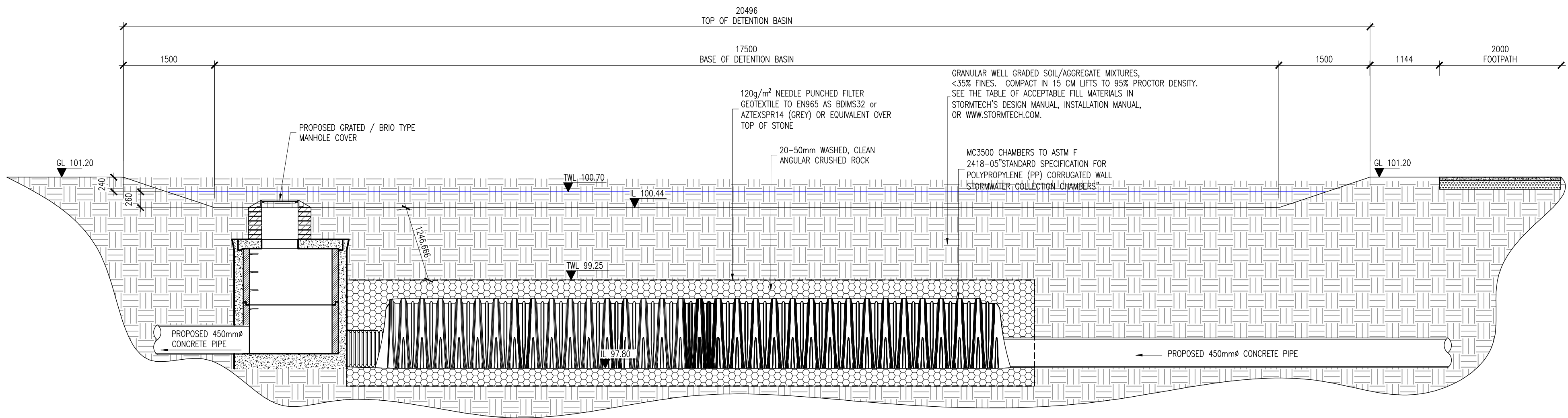
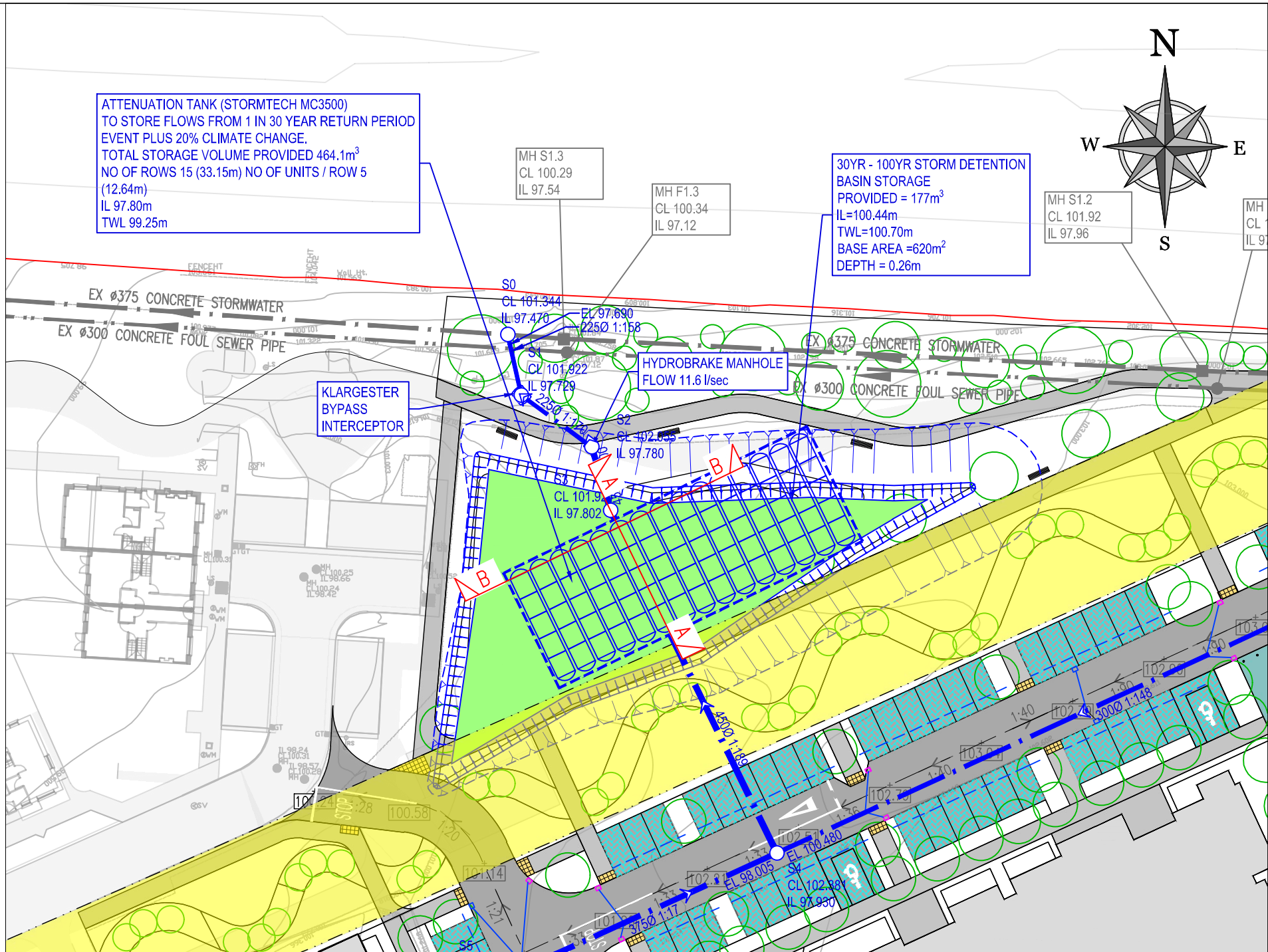
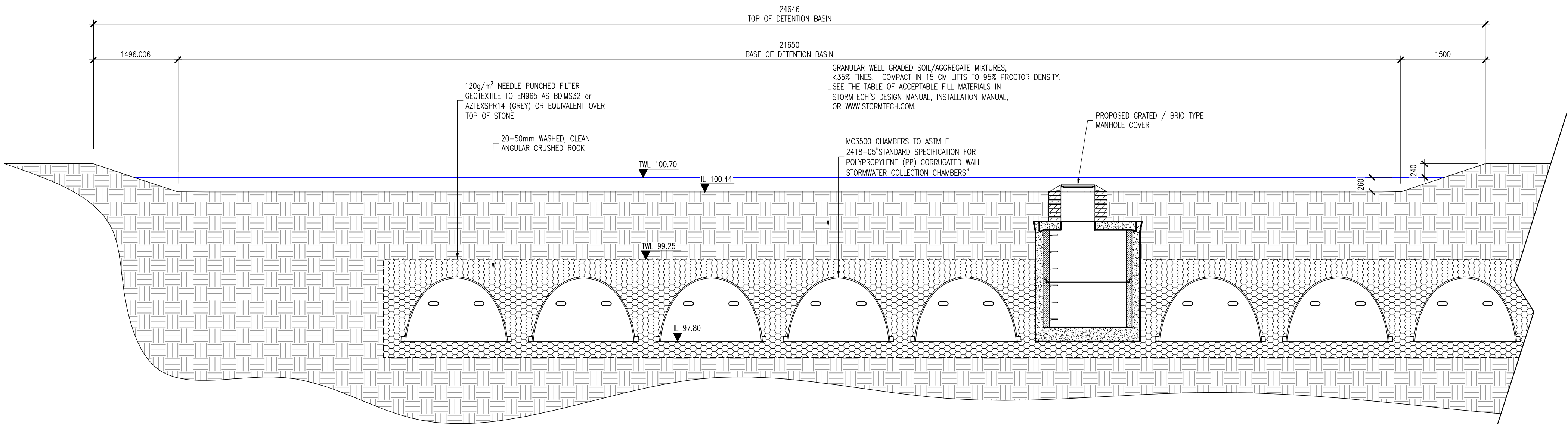




TYPICAL DETENTION BASIN
(STORAGE OF 100 YEAR -50 YEAR STORM EVENT ABOVE GROUND)

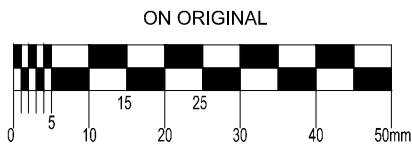


SECTION A-A
SCALE 1:50



SECTION B-B
SCALE 1:50

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NOTES:

GENERAL NOTES:

- 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.
- ALL FOUL DRAINAGE WORKS TO BE IN ACCORDANCE WITH IRISH WATERS' CODE OF PRACTICE FOR WASTEWATER SUPPLY AND WASTEWATER INFRASTRUCTURE STANDARD DETAILS.
- SURFACES 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 DUR 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 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.
- ALL LADDERS, RUNGS, SAFETY CHAINS etc SHALL BE HOT DIPPED GALVANISED TO BS 729 OR EQUIVALENT.

P01	15-03-21	APB APPLICATION	JJB	SB
rev	date	description	by	chkd.

client approval	A - Approved
	B - Approved with comments
	C - Do not use

suitability	issue purpose
S2 - INFORMATION	PLANNING

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project ref.

WHITE PINES EAST,
RATHFARNHAM, DUBLIN 16

drawing title

TYPICAL ATTENUATION DETAILS

client

ARDSTONE HOMES LTD

designed by	author	scale	sheet size
SB	JJB	AS NOTED	A1

drawing no.	revision
190230-DBFL-CS-SP-DR-C-5013	P01