



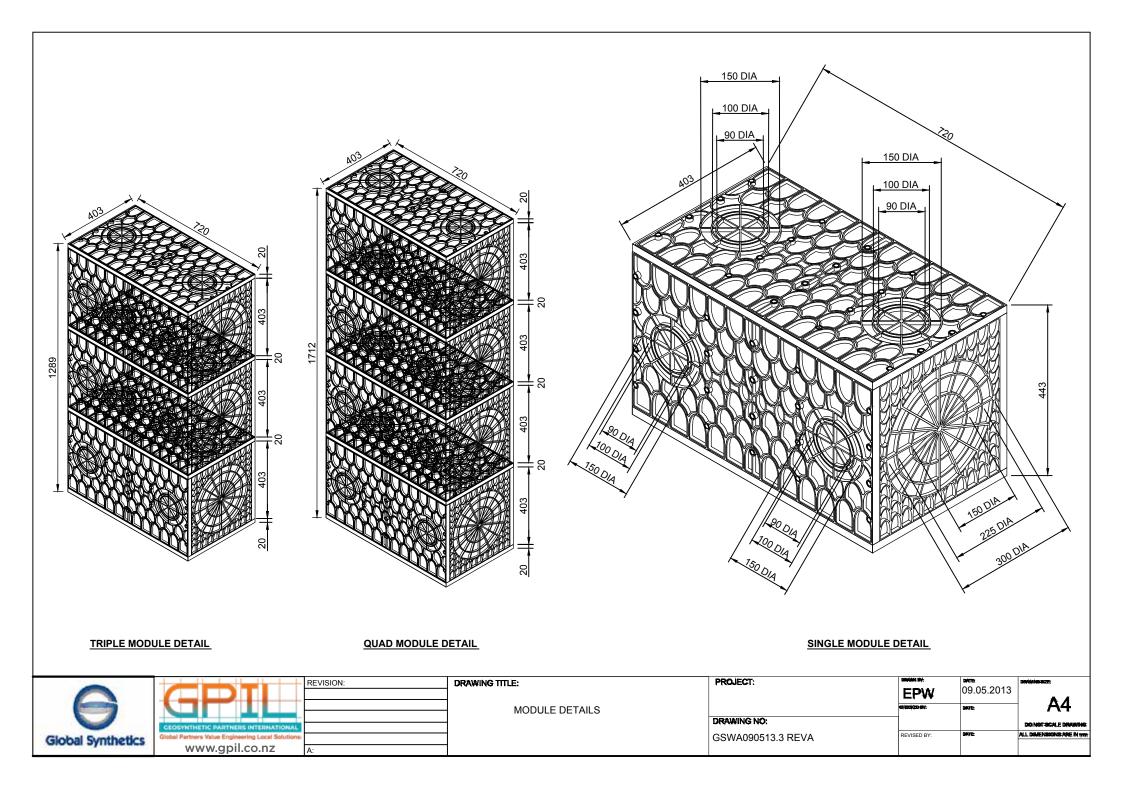


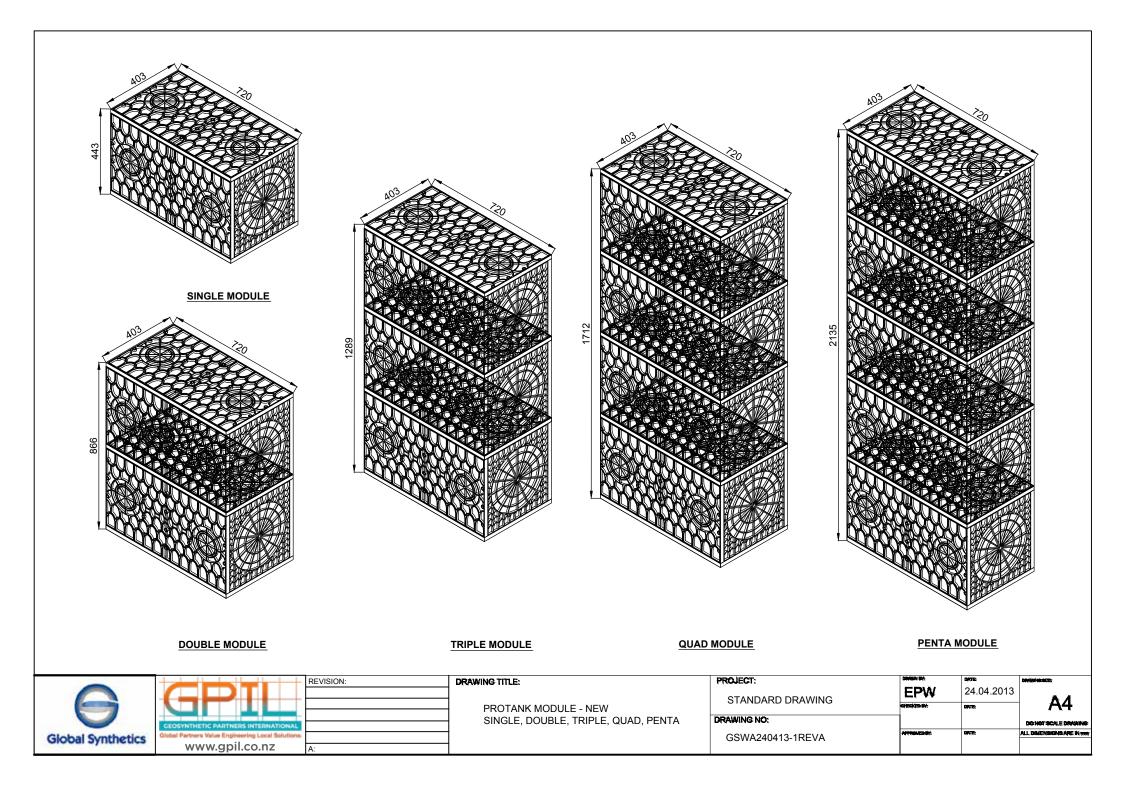
REVISION:

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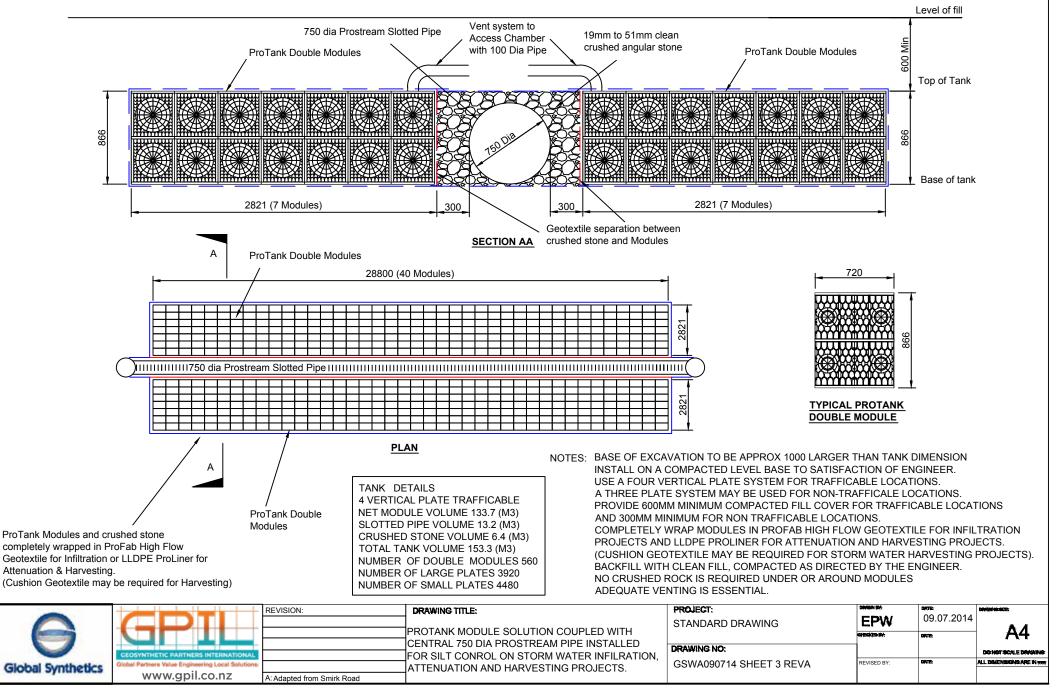
PROTANK MODULE - NEW ISOMETRIC VIEW

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If we have provided a design suggestion, it is for evaluation purposes only - it is not to be considered a full design as we are not consulting engineers. As a result, we accept no responsibility for design verification and no warranty is implied or granted in any suggestion or design or as at tunce we may give. Accordingly, we recommend that complete engineering design be performed by a suitably qualified engineer. Responsibility for approval by the design engineer is therefore to your care, however, we remain available to assist you in any way possible during the approval process free of charge.

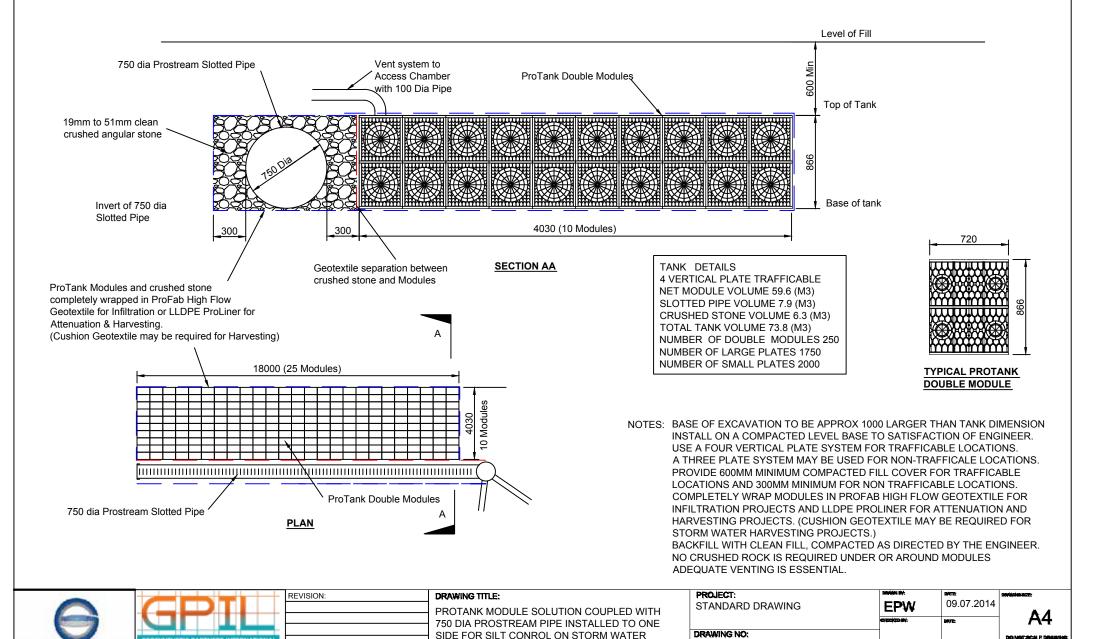


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ALL DIMENSIONS ARE IN W



INFILRATION, ATTENUATION AND HARVESTING

PROJECTS.

Global Synthetics

www.gpil.co.nz

If we have provided a design suggestion, it is for evaluation purposes only - it is not to be considered a full design as we are not consulting engineers. As a result, we accept no responsibility for design verification and no warranty is implied or granted in any suggestion or design or as sistance we may give. Accordingly, we recommend that complete engineering design be performed by a suitably qualified engineer. Responsibility for approval by the design engineer is therefore to your care, however, we remain available to assist you in any way possible during the approval process free of charge Level of fill Vent system to 750 dia Prostream Slotted Pipe 750 dia Prostream Slotted Pipe Vent system to Access Chamber Access Chamber **ProTank Double Modules** with 100 Dia Pipe with 100 Dia Pipe Top of Tank 19mm to 51mm clean 19mm to 51mm clean crushed angular stone crushed angular stone Invert of 750 dia Invert of 750 dia Slotted Pipe Slotted Pipe Base of tank 22568 (56 Modules) 300_ 300 300 300 ProTank Modules and crushed stone Geotextile separation between completely wrapped in ProFab High Flow **SECTION AA** Geotextile separation between 720 crushed stone and Modules Geotextile for Infiltration or LLDPE ProLiner crushed stone and Modules for Attenuation & Harvesting. (Cushion Geotextile may be required for Harvesting) TANK DETAILS 22568 (56 Modules) 4 VERTICAL PLATE TRAFFICABLE NET MODULE VOLUME 213.9 (M3) SLOTTED PIPE VOLUME 10.6 (M3) CRUSHED STONE VOLUME 5.2 (M3) TOTAL TANK VOLUME 229.7 (M3) NUMBER OF DOUBLE MODULES 896 NUMBER OF LARGE PLATES 6272 NUMBER OF SMALL PLATES 7168 **TYPICAL PROTANK** Modules) **DOUBLE MODULE** Α 520 (16 | NOTES: BASE OF EXCAVATION TO BE APPROX 1000 LARGER THAN TANK DIMENSION INSTALL ON A COMPACTED LEVEL BASE TO SATISFACTION OF ENGINEER. USE A FOUR VERTICAL PLATE SYSTEM FOR TRAFFICABLE LOCATIONS. A THREE PLATE SYSTEM MAY BE USED FOR NON-TRAFFICALE LOCATIONS. PROVIDE 600MM MINIMUM COMPACTED FILL COVER FOR TRAFFICABLE LOCATIONS AND 300MM MINIMUM FOR NON TRAFFICABLE LOCATIONS. COMPLETELY WRAP MODULES IN PROFAB HIGH FLOW GEOTEXTILE FOR INFILTRATION PROJECTS AND LLDPE PROLINER FOR ATTENUATION AND HARVESTING PROJECTS. (CUSHION GEOTEXTILE MAY BE REQUIRED FOR ProTank Double Modules STORM WATER HARVESTING PROJECTS.) 750 dia Prostream Slotted Pipe **PLAN** BACKFILL WITH CLEAN FILL, COMPACTED AS DIRECTED BY THE ENGINEER. NO CRUSHED ROCK IS REQUIRED UNDER OR AROUND MODULES 750 dia Prostream Slotted Pipe ADEQUATE VENTING IS ESSENTIAL. REVISION: PROJECT: DRAWING TITLE: 09.07.2014 **EPW** PROTANK MODULE SOLUTION COUPLED WITH STANDARD DRAWING TWIN 750 DIA PROSTREAM PIPES INSTALLED TO EITHER SIDE FOR SILT CONROL ON STORM DRAWING NO: DO NOT SCALE DRA WATER INFILRATION, ATTENUATION AND

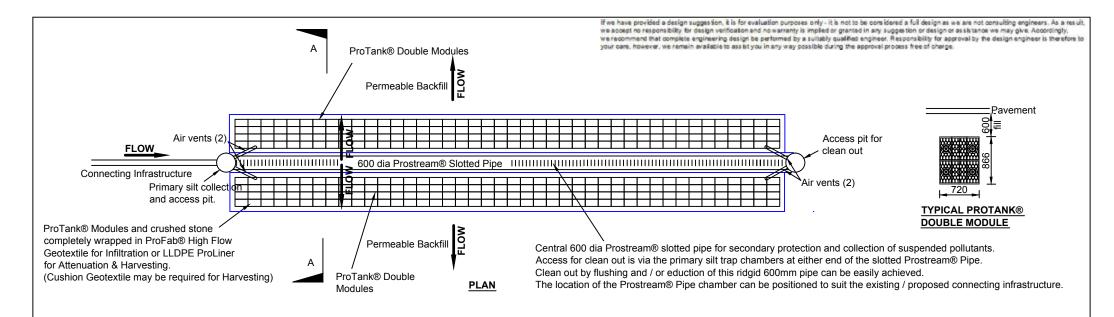
HARVESTING PROJECTS.

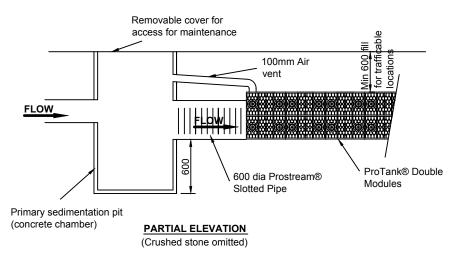
Giobai Synthetics

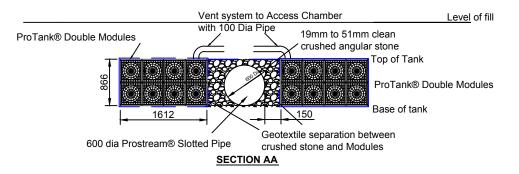
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NOTES: BASE OF EXCAVATION TO BE APPROX 1000 LARGER THAN TANK DIMENSION INSTALL ON A COMPACTED LEVEL BASE TO SATISFACTION OF ENGINEER. USE A FOUR VERTICAL PLATE SYSTEM FOR TRAFFICABLE LOCATIONS. PROVIDE 600MM MINIMUM COMPACTED FILL COVER FOR TRAFFICABLE LOCATIONS COMPLETELY WRAP MODULES IN PROFAB® HIGH FLOW GEOTEXTILE FOR INFILTRATION PROJECTS AND LLDPE PROLINER FOR ATTENUATION AND HARVESTING PROJECTS. (CUSHION GEOTEXTILE MAY BE REQUIRED FOR STORM WATER HARVESTING PROJECTS). BACKFILL WITH CLEAN FILL, COMPACTED AS DIRECTED BY THE ENGINEER.

ADEQUATE VENTING IS ESSENTIAL.

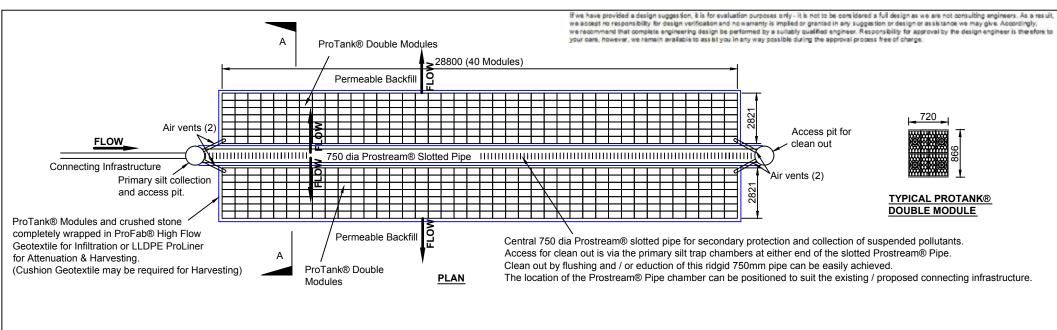


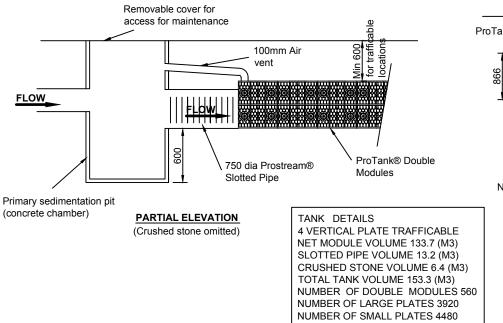
	REVISION:
GEOSYNTHETIC PARTNERS INTERNATIONAL	
	B: Additional view added
www.gpil.co.nz	A: Adapted from Smirk Road

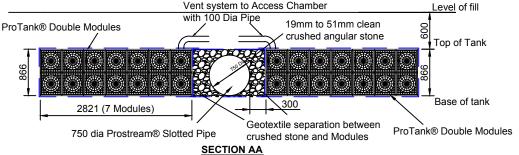
DRAWING TITLE:

PROTANK® MODULE SOLUTION COUPLED WITH
CENTRAL 600 DIA PROSTREAM® PIPE INSTALLED
FOR SILT CONROL ON STORM WATER INFILRATION,
ATTENUATION AND HARVESTING PROJECTS.

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NOTES: BASE OF EXCAVATION TO BE APPROX 1000 LARGER THAN TANK DIMENSION INSTALL ON A COMPACTED LEVEL BASE TO SATISFACTION OF ENGINEER.

USE A FOUR VERTICAL PLATE SYSTEM FOR TRAFFICABLE LOCATIONS.
A THREE PLATE SYSTEM MAY BE USED FOR NON-TRAFFICALE LOCATIONS.
PROVIDE 600MM MINIMUM COMPACTED FILL COVER FOR TRAFFICABLE LOCATIONS AND 300MM MINIMUM FOR NON TRAFFICABLE LOCATIONS.
COMPLETELY WRAP MODULES IN PROFAB® HIGH FLOW GEOTEXTILE FOR INFILTRATION PROJECTS AND LLDPE PROLINER FOR ATTENUATION AND HARVESTING PROJECTS.
(CUSHION GEOTEXTILE MAY BE REQUIRED FOR STORM WATER HARVESTING PROJECTS).
BACKFILL WITH CLEAN FILL, COMPACTED AS DIRECTED BY THE ENGINEER.
NO CRUSHED ROCK IS REQUIRED UNDER OR AROUND MODULES
ADEQUATE VENTING IS ESSENTIAL.



	REVISION:	
GPIL		
GEOSYNTHETIC PARTNERS INTERNATIONAL		
	B: Additional view added	
www.gpil.co.nz	A: Adapted from Smirk Road	

DRAWING TITLE:

PROTANK® MODULE SOLUTION COUPLED WITH CENTRAL 750 DIA PROSTREAM® PIPE INSTALLED FOR SILT CONROL ON STORM WATER INFILRATION, ATTENUATION AND HARVESTING PROJECTS.

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