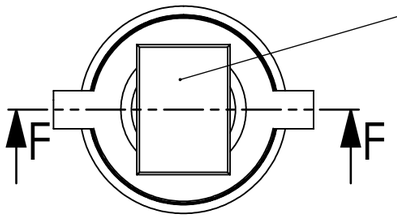
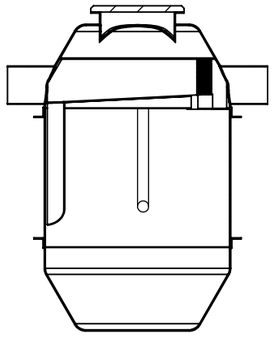
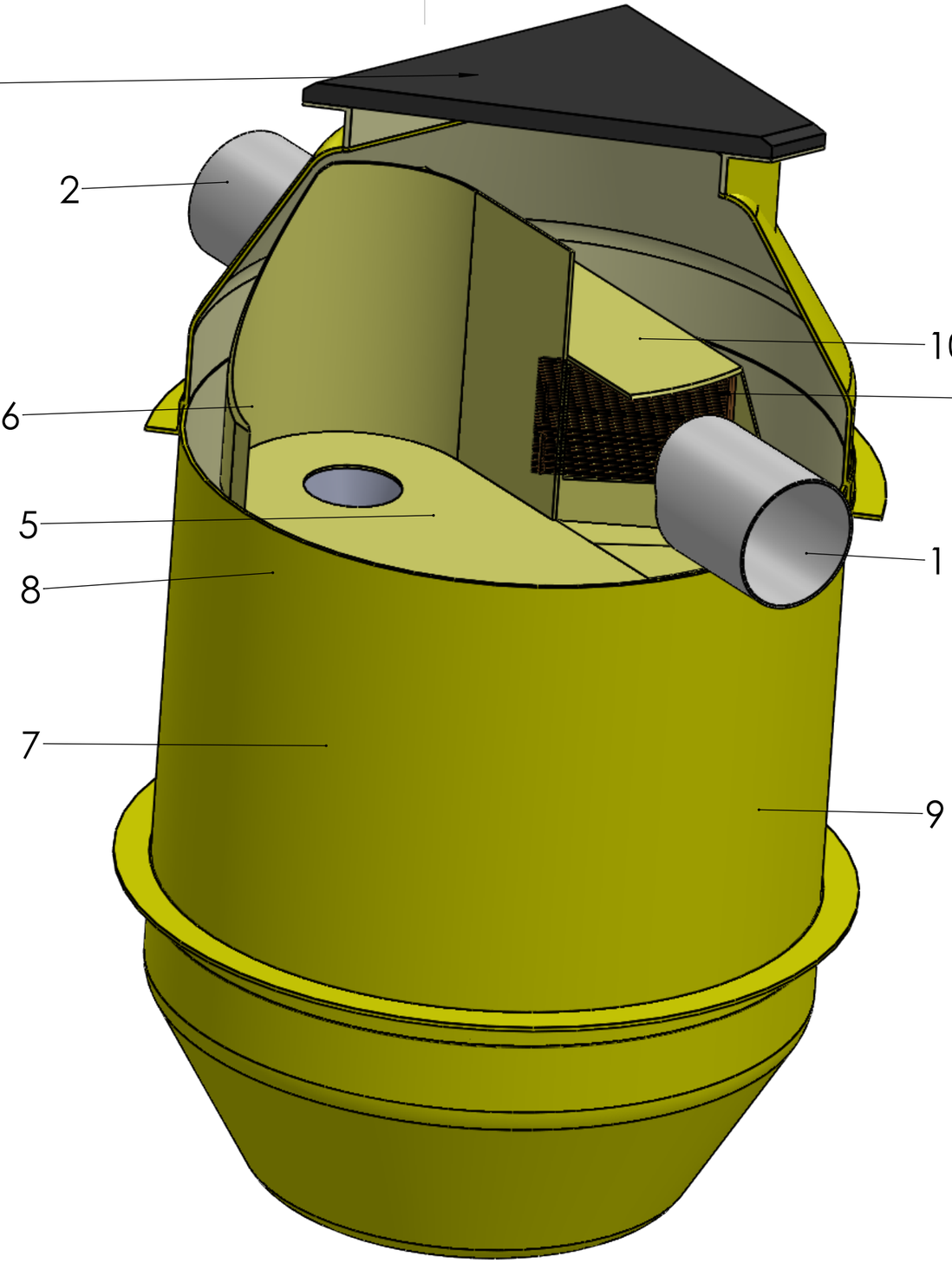




SECTION F-F



1. Inlet
2. Outlet
3. Manway and Covers: Available in Standard or Customised Designs
4. Trash Screen
5.T rash Holding Area
6. Oil Holding
7. Inlet Vortex Tube
8. Outlet Riser
9. Silt Holding Chamber
10. Central Tube and cover

The EcoProtector is a hydrodynamic, full capture, high-capacity trash and debris removal GPT (Gross Pollutant aTrap) with superior litter and organicdebris capture.

The EcoProtector has been designed to remove particlesgreater than 5mm using physical processes to trap solid waste such aslitter and coarse sediment under low velocity conditions.

EcoProtectors are commonly used as the primary treatment for theremoval of large, non-biodegradable pollutants in areas with a highfraction of impervious surfaces such asresidential subdivisions, roads, carparks, industrial applications and any area that may require Stormwatertreatment. Primary treatments include, physical screening, rapidsedimentation and separation processes.

The EcoProtector is designed and built as one homogeneous unit to allow easy handling, transport and most importantly, installation: One of the most significant advantages of the EcoProtector over any other alternative Gross Pollutant Trap.

Client:

APPROVED FOR CONSTRUCTION
This drawing replaces all previous revisions

Name: _____

Client: _____

Position: _____

Signed: _____

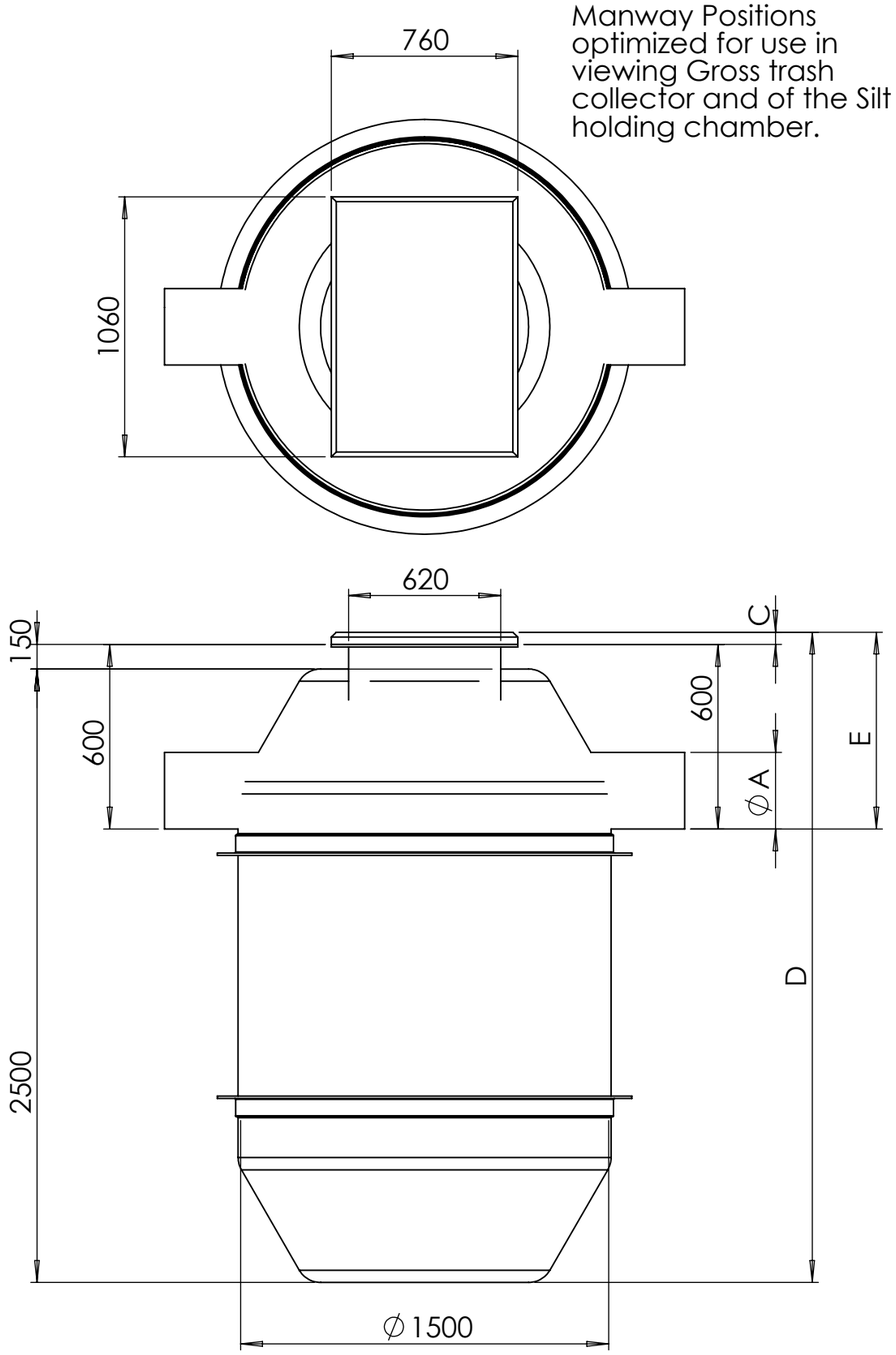
Date: _____

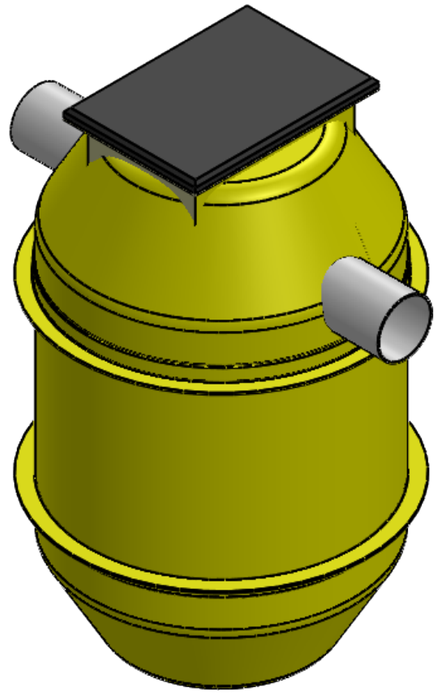
Drawn By:	Date:
Checked By:	Date:
Approved By:	Date:
Dig Add	

PROTECTOR

CUSTOMER NAME:		
CUSTOMER REF NO:		
PROJECT NAME:		
PART NO:		
DESCRIPTION:	HYDRODYNAMIC, FULL CAPTURE, HIGH CAPACITY TRASH AND DEBVRIS REMOVAL GROSS POLLUTANT TRAP	
REF NO:	SIZE:	SHEET: 1
SCALE: N.T.S	DRAWING NO:	REV:

Manway Positions optimized for use in viewing Gross trash collector and of the Silt holding chamber.





Manway Access Covers			
Class	Thickness C	Material	Total Product Height D
Class A	20	FibreGlass	2670
Class B	50	Cast Iron	2700
Class D	100	Cast Iron	2750

Inlet and Outlet size and Flow Rate Specifications		
Product	Inlet/Outlet Inner Diameter (mm) A	INVERT LEVEL (E)
EPC.1500.100	100	800
EPC.1500.150	150	800
EPC.1500.225	225	800
EPC.1500.300	300	800
EPC.1500.375	375	800

Client:

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Installation

The EcoProtector is designed and built as one homogeneous unit to allow easy handling, transport and most importantly, installation:

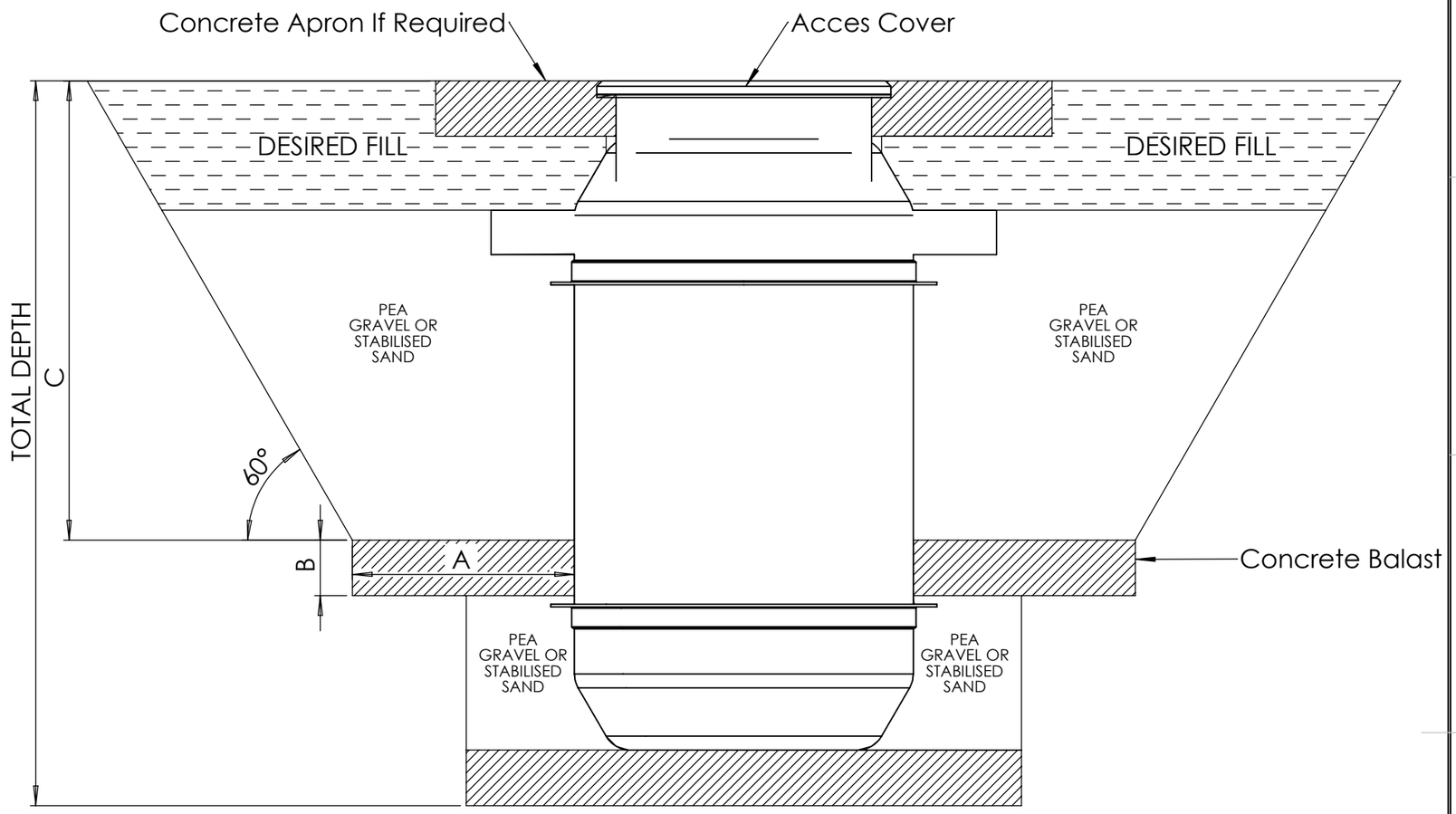
One of the most significant advantages of the EcoProtector over any other alternative Gross Pollutant Trap. Ease of onsite installation and access, no heavy cranes and without the assembly of heavy concrete sections in the ground results in considerable cost savings:

EcoProtector cuts down the labour and saves time and money! A complete installation hand book is supplied to ensure the installation goes smoothly and to plan.

The guide provides advice for lifting, OHS measures, handling techniques and other important requirements. Installation is typically:

1. Excavate hole
2. Place station in hole
3. Fill well with water about 20% of total volume
4. Back fill to locking ring
5. Pour ballast
6. Install all connections as per manual*
7. Back fill and pour top slab and install access cover

*All installation requirements are as per installation data manual.



Engineering

All EcoProtectors have been individually engineered to handle the toughest environmental situations and proven in the toughest environments such as high water tables and volcanic soils. Problems in these areas have been solved with the installation of the EcoProtector.

The Packaged EcoProtectors are engineered to the following Standards:BS4994 – 1987, AS/NZS 1546.1:1998. Hydraulic and civilengineering can also be provided to your requirements.

Dimension	(mm)
A	540
B	350
C	1800
TOTAL DEPTH	2550
Volume of Concrete Balast (m^3)	1.22

ECO PROTECTOR

Client:

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Signed: _____
Date: _____

Drawn By:	Date:
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Dig Add	

PROTECTOR

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