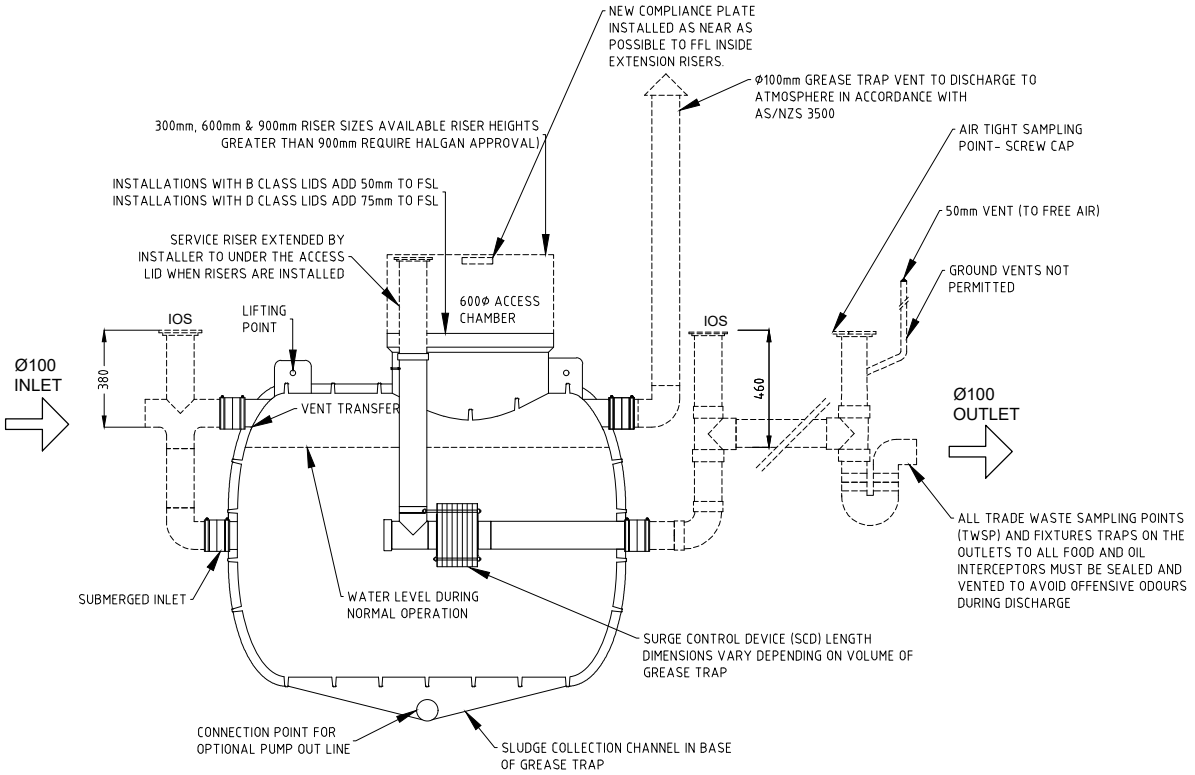
HALGAN™ MGTS™1000-WA GREASE TRAP DETAIL

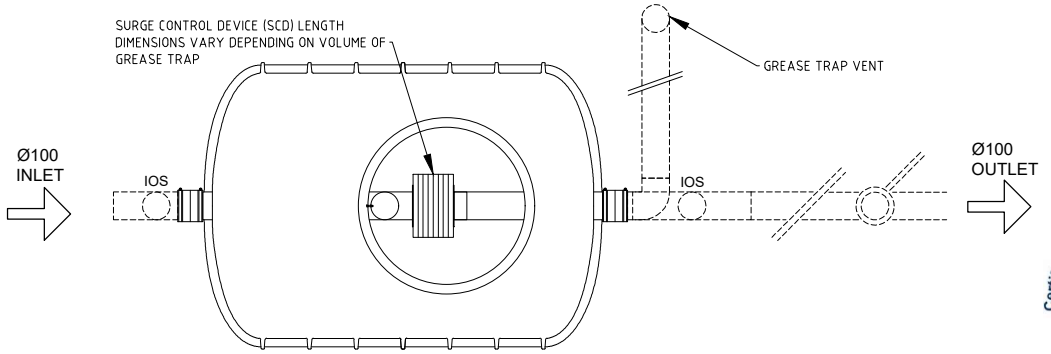
Notes

1. General
1.1. Vessel constructed from Polyethylene.
1.2. The MGTS is to be installed in a location that will not cause a nuisance, obstruct fire access, cannot be vandalised or be damaged by vehicles.
1.3. The MGTS must have ease of access to pumpout point for maintenance.
1.4. A hose tap fitted with RPZD backflow protection (as per AS/NZS 3500) must be installed within 5 metres of the grease trap for maintenance and cleaning.
1.5. Non-standard installations require Halgan approval.
2. Installation above ground- 1000 - 5000litre only
2.1. The MGTS is to be supported on a 100mm thick concrete pad or structural floor slab.
2.2. A stand is available for S Series models if required.
2.3. Any maintenance platform must be installed in accordance with Australian Standard 1657 allowing safe access while inspecting and maintaining the MGTS.
2.4. All pipes connecting to the MGTS shall be fully supported; there shall be no stress on the tank connections.
2.5. All stormwater must be diverted away from the MGTS to prevent undermining of foundation.
3. Installation below ground
3.1. All connections to the MGTS shall be in accordance with the appropriate authorities.
3.2. Any excavation exceeding 1.5 metres in depth shall comply with the construction safety acts and regulations before backfilling.
3.3. Riser heights greater than 900mm require Halgan approval.
4. Excavation dimensions
4.1. The excavated hole width shall be kept as narrow as practicable. The depth shall not be greater than 150mm more than the required depth.
4.2. 75mm clearance is required at the sides of tank.
5. Over excavation
5.1. Where an excavation has been made deeper than required, the excess depth shall be filled either with 4:1 sand cement compacted to achieve 98% compaction or concrete.
6. Bedding/Backfill
6.1. The bedding/backfill material shall be Blue Metal granular material between 6-10mm diameter.
6.2. The bedding/backfill shall be minimum 75mm thick.
6.3. The bedding/backfill material shall encase the whole tank.
7. Water Charged Ground
7.1 Installation in areas subject to flooding & groundwater is only permitted when the level of water does not exceed the height of the middle of the tank.
7.2 In areas of heavy, clay-like soils, the installation is only permitted when there is sufficient drainage underneath the body of the tank.
7.3. Where installation is in high water table or water charged ground, mine subsidence, filled or unstable areas, the services of a qualified structural engineer is required for certification.
8. Final Backfill
8.1. The final backfill material shall comply with the following:
8.2. Spoil from the excavation of the trench may be used.
8.3. Foreign material such as builder's waste, bricks, and concrete shall not be used.
8.4. The backfill shall be compacted to restore the excavated hole as near as practicable to the normal ground.

HALGAN™ MGTS™1000 GREASE TRAP DETAIL DIMENSIONS DO NOT INCLUDE PIPEWORK OR ACCESS LIDS					
MODEL	HEIGHT	WIDTH	LENGTH	VOLUME	WEIGHT
MGTS™1000	1550mm	1130mm	1700mm	1000L	95 KG



SECTIONAL SIDE ELEVATION



PLAN VIEW

Certified Product - AS/NZS 1546.1
Global-Mark.com.au®
ID Number: 100896

REV	DATE	DESCRIPTION	BY	CHKD	APP
B	27.06.2024	SCD SERVICING CHANNEL HEIGHT ADJUSTED	MH	JB	KH
A	22.02.2021	DETAIL DESIGN	SC	JB	KH

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MEASUREMENTS CAN VARY ± 3%

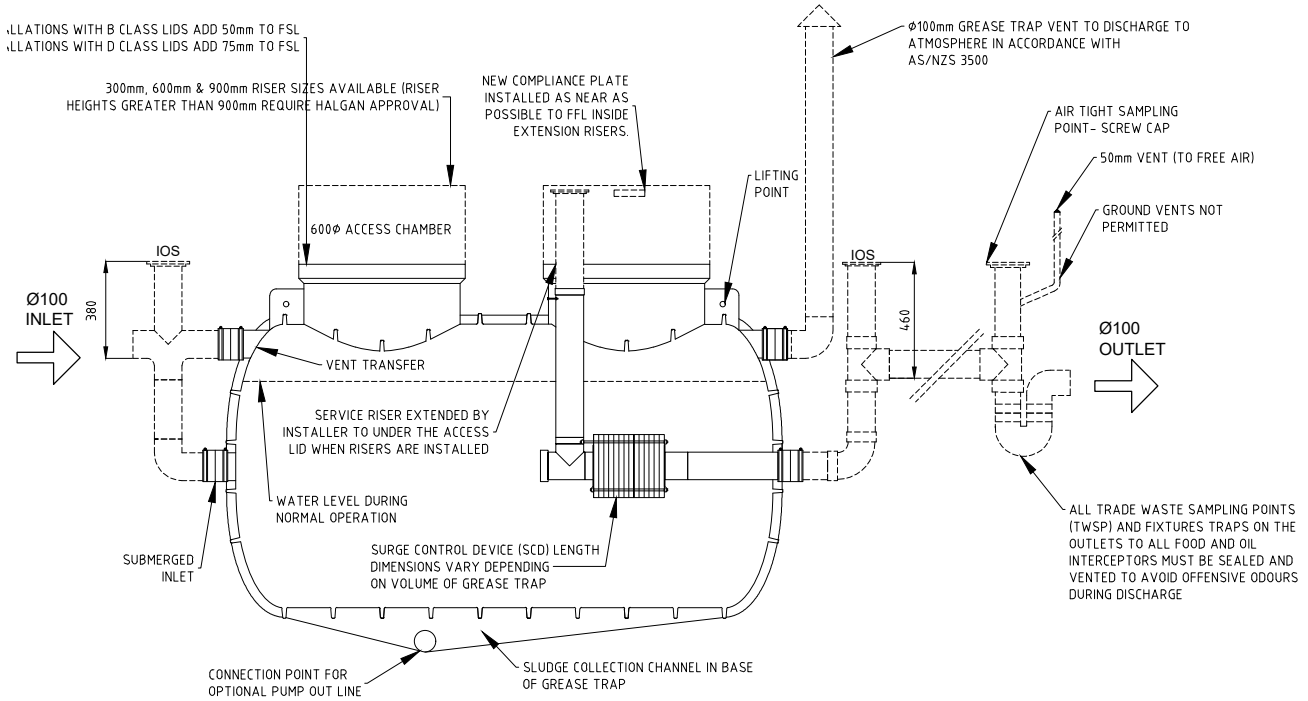
HALGAN™ MGTS™1000-WA GREASE TRAP DETAIL

DRAWN	DATE
MH	27.06.2024
CHECKED	SCALE
JB	1:30 A4
DWG. NO.	REV.
MGTS1000-WA	B

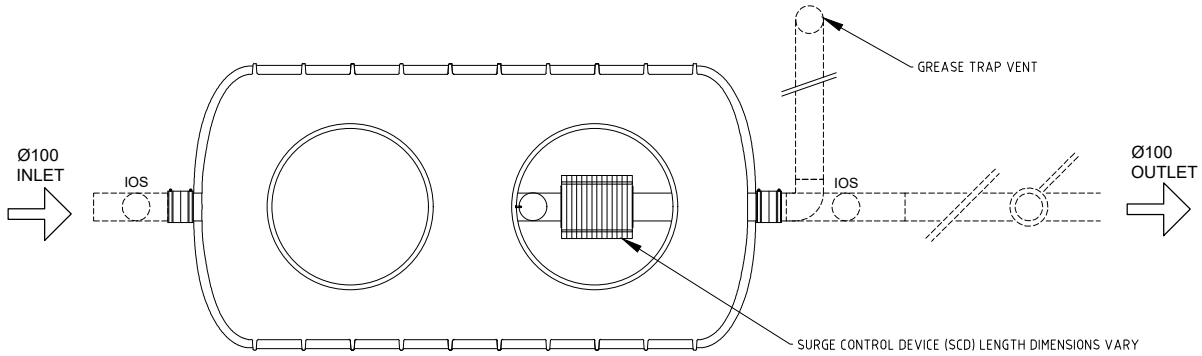
HALGAN™ MGTS™1500-WA GREASE TRAP DETAIL

Notes

1. General
1.1. Vessel constructed from Polyethylene.
1.2. The MGTS is to be installed in a location that will not cause a nuisance, obstruct fire access, cannot be vandalised or be damaged by vehicles.
1.3. The MGTS must have ease of access to pumpout point for maintenance.
1.4. A hose tap fitted with RPZD backflow protection (as per AS/NZS 3500) must be installed within 5 metres of the grease trap for maintenance and cleaning.
1.5. Non-standard installations require Halgan approval.
2. Installation above ground- 1000 - 5000litre only
2.1. The MGTS is to be supported on a 100mm thick concrete pad or structural floor slab.
2.2. A stand is available for S Series models if required.
2.3. Any maintenance platform must be installed in accordance with Australian Standard 1657 allowing safe access while inspecting and maintaining the MGTS.
2.4. All pipes connecting to the MGTS shall be fully supported; there shall be no stress on the tank connections.
2.5. All stormwater must be diverted away from the MGTS to prevent undermining of foundation.
3. Installation below ground
3.1. All connections to the MGTS shall be in accordance with the appropriate authorities.
3.2. Any excavation exceeding 1.5 metres in depth shall comply with the construction safety acts and regulations before backfilling.
3.3. Riser heights greater than 900mm require Halgan approval.
4. Excavation dimensions
4.1. The excavated hole width shall be kept as narrow as practicable. The depth shall not be greater than 150mm more than the required depth.
4.2. 75mm clearance is required at the sides of tank.
5. Over excavation
5.1. Where an excavation has been made deeper than required, the excess depth shall be filled either with 4:1 sand cement compacted to achieve 98% compaction or concrete.
6. Bedding/Backfill
6.1. The bedding/backfill material shall be Blue Metal granular material between 6-10mm diameter.
6.2. The bedding/backfill shall be minimum 75mm thick.
6.3. The bedding/backfill material shall encase the whole tank.
7. Water Charged Ground
7.1 Installation in areas subject to flooding & groundwater is only permitted when the level of water does not exceed the height of the middle of the tank.
7.2 In areas of heavy, clay-like soils, the installation is only permitted when there is sufficient drainage underneath the body of the tank.
7.3. Where installation is in high water table or water charged ground, mine subsidence, filled or unstable areas, the services of a qualified structural engineer is required for certification.
8. Final Backfill
8.1. The final backfill material shall comply with the following:
8.2. Spoil from the excavation of the trench may be used.
8.3. Foreign material such as builder's waste, bricks, and concrete shall not be used.
8.4. The backfill shall be compacted to restore the excavated hole as near as practicable to the normal ground.



SECTIONAL SIDE ELEVATION



PLAN VIEW

HALGAN™ MGTS™1500 GREASE TRAP DETAIL DIMENSIONS DO NOT INCLUDE PIPEWORK OR ACCESS LIDS					
MODEL	HEIGHT	WIDTH	LENGTH	VOLUME	WEIGHT
MGTS™1500	1550mm	1130mm	2280mm	1500L	137 KG

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REV	DATE	DESCRIPTION	BY	CHKD	APP
B	27.06.2024	SCD SERVICE CHANNEL HEIGHT ADJUSTED	MH	JB	KH
A	22.02.2021	DETAIL DESIGN	SC	JB	KH

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MEASUREMENTS CAN VARY ± 3%

HALGAN™ MGTS™1500-WA GREASE TRAP DETAIL

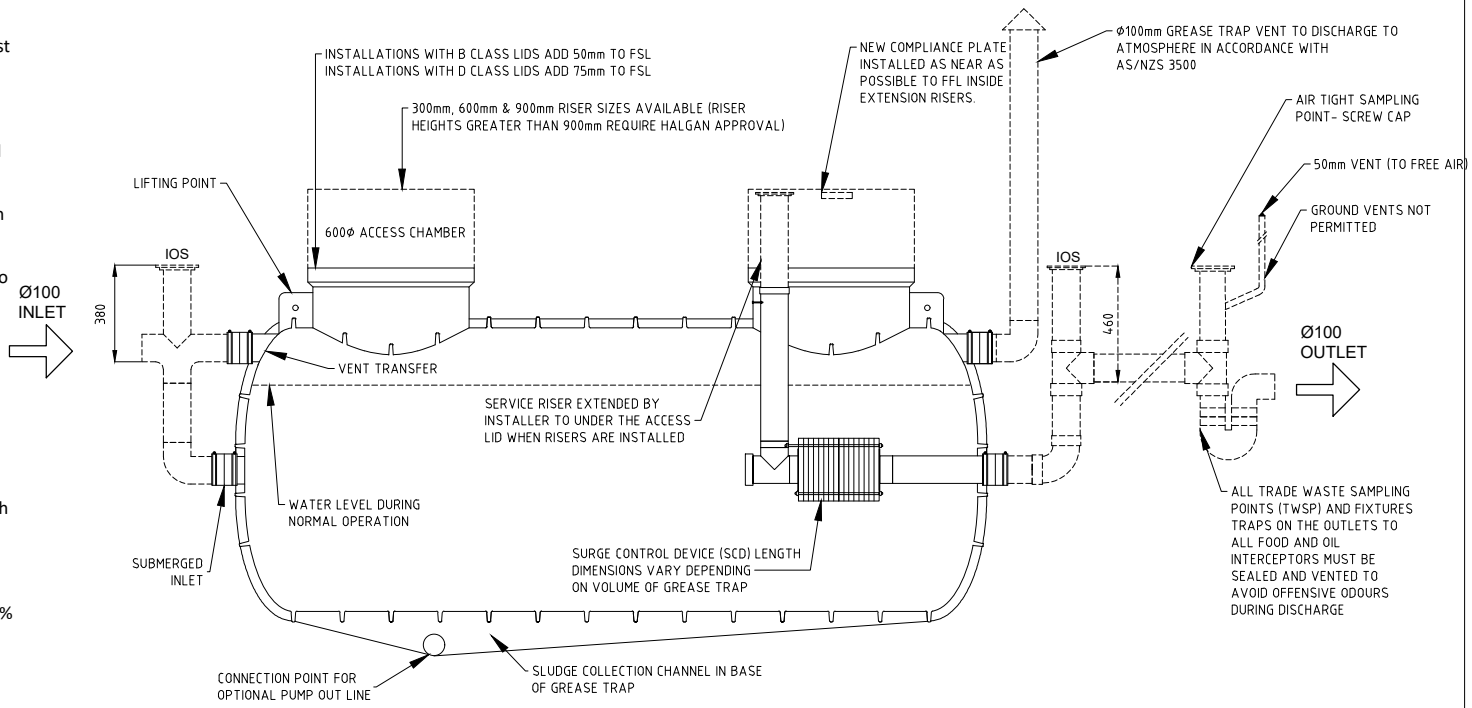
DRAWN	DATE
MH	27.06.2024
CHECKED	SCALE
JB	1:30 A4
DWG NO.	REV.
MGTS1500-WA	B

HALGAN™ MGTS™2000-WA GREASE TRAP DETAIL

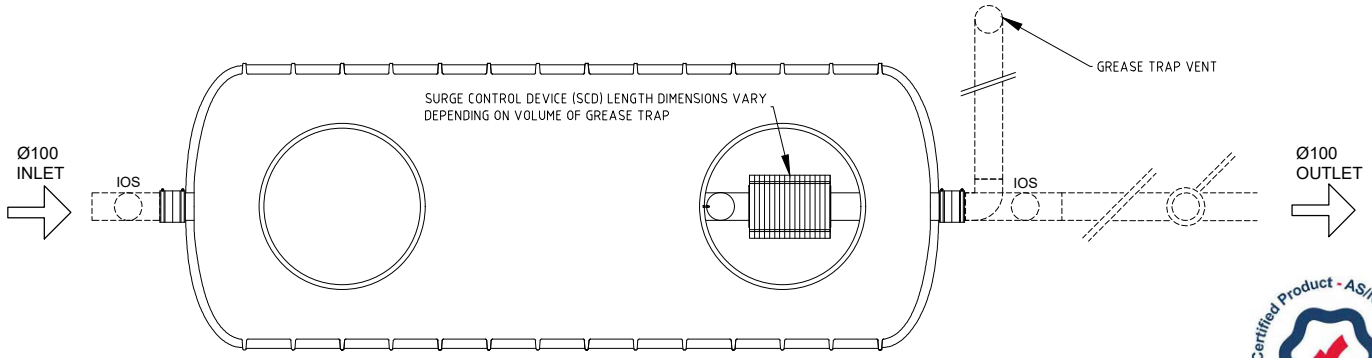
Notes

1. General
1.1. Vessel constructed from Polyethylene.
1.2. The MGTS is to be installed in a location that will not cause a nuisance, obstruct fire access, cannot be vandalised or be damaged by vehicles.
1.3. The MGTS must have ease of access to pumpout point for maintenance.
1.4. A hose tap fitted with RPZD backflow protection (as per AS/NZS 3500) must be installed within 5 metres of the grease trap for maintenance and cleaning.
1.5. Non-standard installations require Halgan approval.
2. Installation above ground- 1000 - 5000litre only
2.1. The MGTS is to be supported on a 100mm thick concrete pad or structural floor slab.
2.2. A stand is available for S Series models if required.
2.3. Any maintenance platform must be installed in accordance with Australian Standard 1657 allowing safe access while inspecting and maintaining the MGTS.
2.4. All pipes connecting to the MGTS shall be fully supported; there shall be no stress on the tank connections.
2.5. All stormwater must be diverted away from the MGTS to prevent undermining of foundation.
3. Installation below ground
3.1. All connections to the MGTS shall be in accordance with the appropriate authorities.
3.2. Any excavation exceeding 1.5 metres in depth shall comply with the construction safety acts and regulations before backfilling.
3.3. Riser heights greater than 900mm require Halgan approval.
4. Excavation dimensions
4.1. The excavated hole width shall be kept as narrow as practicable. The depth shall not be greater than 150mm more than the required depth.
4.2. 75mm clearance is required at the sides of tank.
5. Over excavation
5.1. Where an excavation has been made deeper than required, the excess depth shall be filled either with 4:1 sand cement compacted to achieve 98% compaction or concrete.
6. Bedding/Backfill
6.1. The bedding/backfill material shall be Blue Metal granular material between 6-10mm diameter.
6.2. The bedding/backfill shall be minimum 75mm thick.
6.3. The bedding/backfill material shall encase the whole tank.
7. Water Charged Ground
7.1 Installation in areas subject to flooding & groundwater is only permitted when the level of water does not exceed the height of the middle of the tank.
7.2 In areas of heavy, clay-like soils, the installation is only permitted when there is sufficient drainage underneath the body of the tank.
7.3. Where installation is in high water table or water charged ground, mine subsidence, filled or unstable areas, the services of a qualified structural engineer is required for certification.
8. Final Backfill
8.1. The final backfill material shall comply with the following:
8.2. Spoil from the excavation of the trench may be used.
8.3. Foreign material such as builder's waste, bricks, and concrete shall not be used.
8.4. The backfill shall be compacted to restore the excavated hole as near as practicable to the normal ground.

HALGAN™ MGTS™2000-WA GREASE TRAP DETAIL DIMENSIONS DO NOT INCLUDE PIPEWORK OR ACCESS LIDS					
MODEL	HEIGHT	WIDTH	LENGTH	VOLUME	WEIGHT
MGTS™2000	1550mm	1130mm	3010mm	2000L	200 KG



SECTIONAL SIDE ELEVATION



PLAN VIEW

Certified Product - AS/NZS 1546.1
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REV	DATE	DESCRIPTION	BY	CHKD	APP
B	27.06.2024	SCD SERVICE CHANNEL ADJUSTED	MH	JB	KH
A	22.02.2021	DETAIL DESIGN	SC	JB	KH

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MEASUREMENTS CAN VARY ± 3%

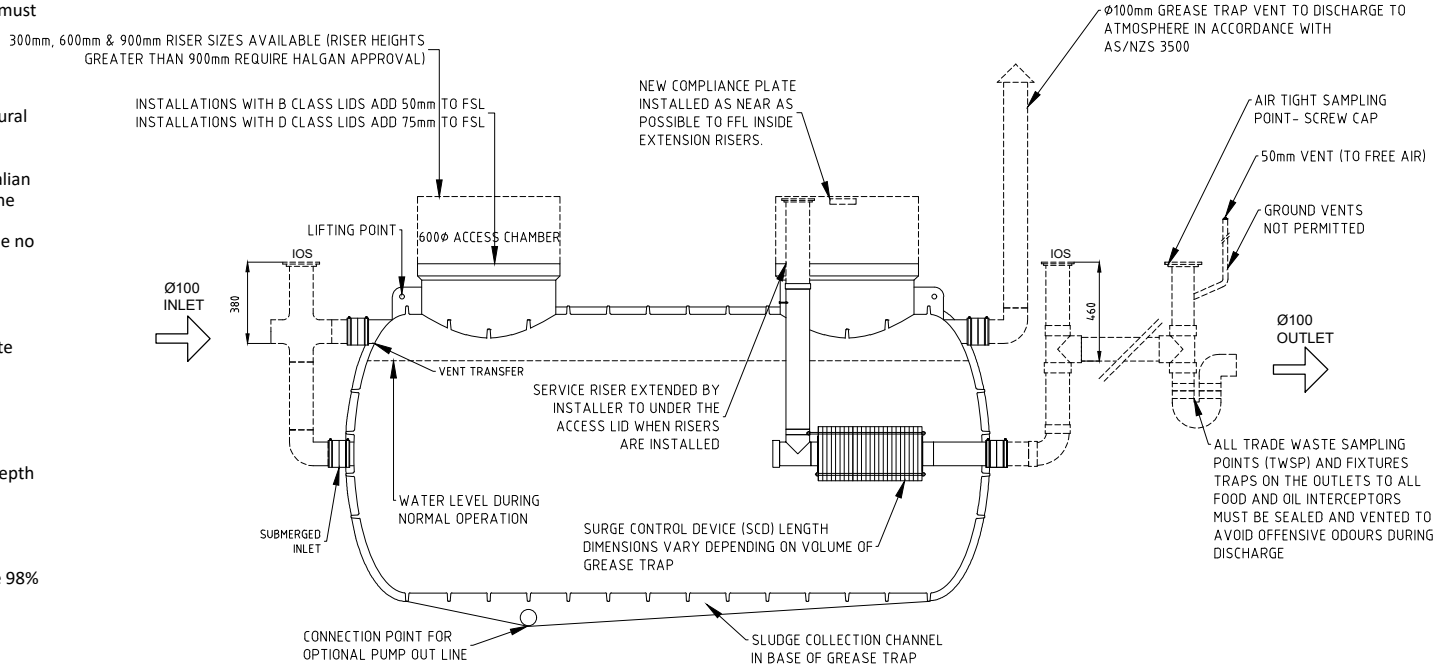
HALGAN™ MGTS™2000-WA GREASE TRAP DETAIL

DRAWN	DATE
MH	27.06.2024
CHECKED	SCALE
JB	1:30 A4
DWG. NO.	REV.
MGTS2000-WA	B

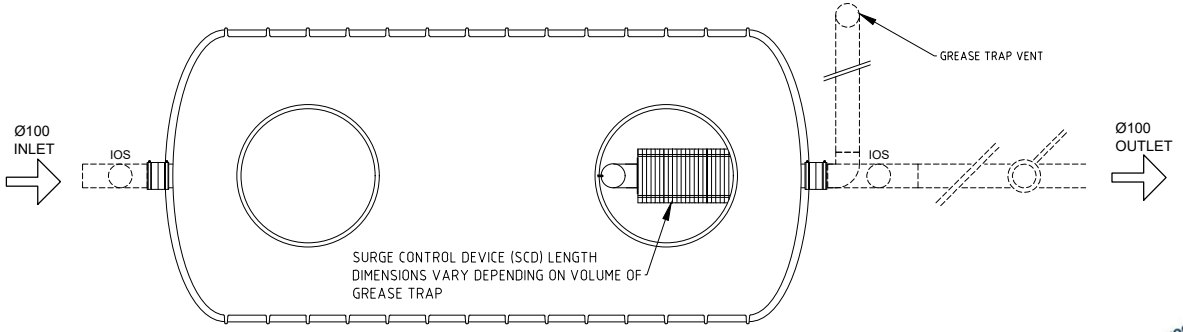
HALGAN™ MGTS™3000-WA GREASE TRAP DETAIL

Notes

1. General
1.1. Vessel constructed from Polyethylene.
1.2. The MGTS is to be installed in a location that will not cause a nuisance, obstruct fire access, cannot be vandalised or be damaged by vehicles.
1.3. The MGTS must have ease of access to pumpout point for maintenance.
1.4. A hose tap fitted with RPZD backflow protection (as per AS/NZS 3500) must be installed within 5 metres of the grease trap for maintenance and cleaning.
1.5. Non-standard installations require Halgan approval.
2. Installation above ground- 1000 - 5000litre only
2.1. The MGTS is to be supported on a 100mm thick concrete pad or structural floor slab.
2.2. A stand is available for S Series models if required.
2.3. Any maintenance platform must be installed in accordance with Australian Standard 1657 allowing safe access while inspecting and maintaining the MGTS.
2.4. All pipes connecting to the MGTS shall be fully supported; there shall be no stress on the tank connections.
2.5. All stormwater must be diverted away from the MGTS to prevent undermining of foundation.
3. Installation below ground
3.1. All connections to the MGTS shall be in accordance with the appropriate authorities.
3.2. Any excavation exceeding 1.5 metres in depth shall comply with the construction safety acts and regulations before backfilling.
3.3. Riser heights greater than 900mm require Halgan approval.
4. Excavation dimensions
4.1. The excavated hole width shall be kept as narrow as practicable. The depth shall not be greater than 150mm more than the required depth.
4.2. 75mm clearance is required at the sides of tank.
5. Over excavation
5.1. Where an excavation has been made deeper than required, the excess depth shall be filled either with 4:1 sand cement compacted to achieve 98% compaction or concrete.
6. Bedding/Backfill
6.1. The bedding/backfill material shall be Blue Metal granular material between 6-10mm diameter.
6.2. The bedding/backfill shall be minimum 75mm thick.
6.3. The bedding/backfill material shall encase the whole tank.
7. Water Charged Ground
7.1 Installation in areas subject to flooding & groundwater is only permitted when the level of water does not exceed the height of the middle of the tank.
7.2 In areas of heavy, clay-like soils, the installation is only permitted when there is sufficient drainage underneath the body of the tank.
7.3. Where installation is in high water table or water charged ground, mine subsidence, filled or unstable areas, the services of a qualified structural engineer is required for certification.
8. Final Backfill
8.1. The final backfill material shall comply with the following:
8.2. Spoil from the excavation of the trench may be used.
8.3. Foreign material such as builder's waste, bricks, and concrete shall not be used.
8.4. The backfill shall be compacted to restore the excavated hole as near as practicable to the normal ground.



SECTIONAL SIDE ELEVATION



PLAN VIEW

HALGAN™ MGTS™3000-WA GREASE TRAP DETAIL DIMENSIONS DO NOT INCLUDE PIPEWORK OR ACCESS LIDS					
MODEL	HEIGHT	WIDTH	LENGTH	VOLUME	WEIGHT
MGTS™3000	1680mm	1365mm	3055mm	3000L	260 KG

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MEASUREMENTS CAN VARY ± 3%

HALGAN™ MGTS™3000-WA GREASE TRAP DETAIL

DRAWN	DATE
MH	27.06.2024
CHECKED	SCALE
JB	1:35 A4
DWG. NO.	REV.
MGTS3000-WA	B

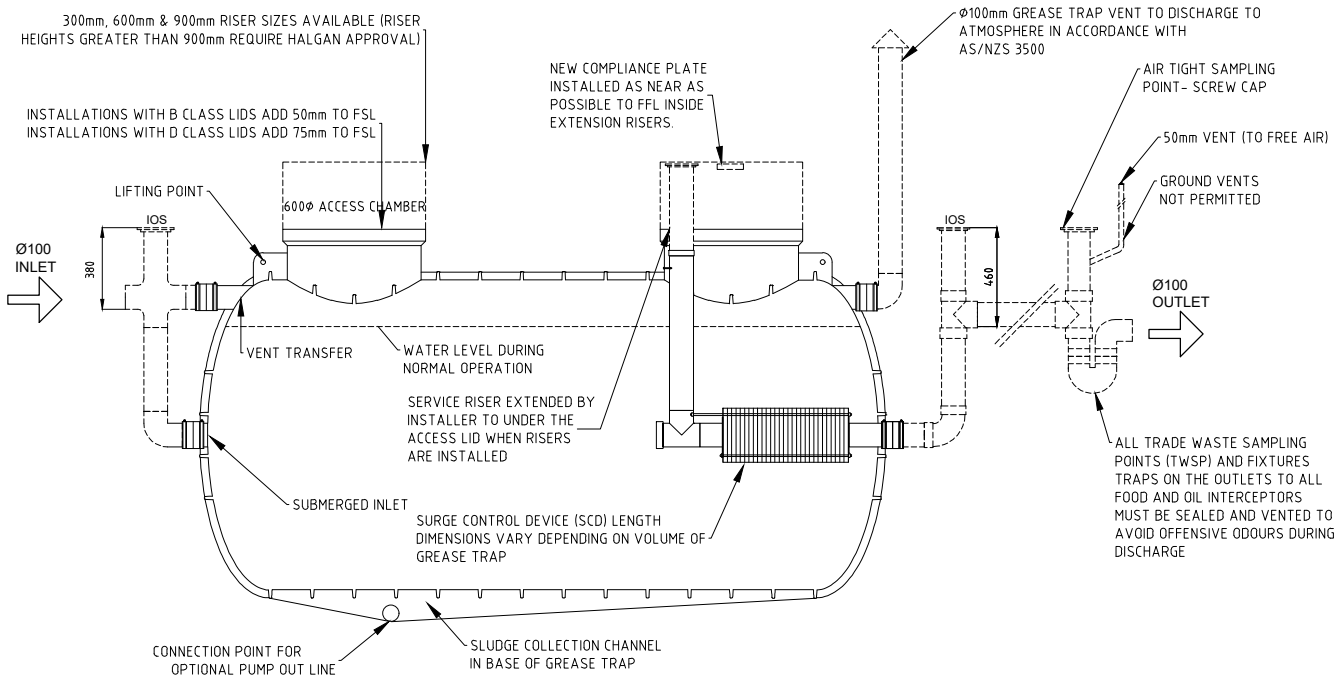
HALGAN™ MGTS™4000-WA GREASE TRAP DETAIL

Notes

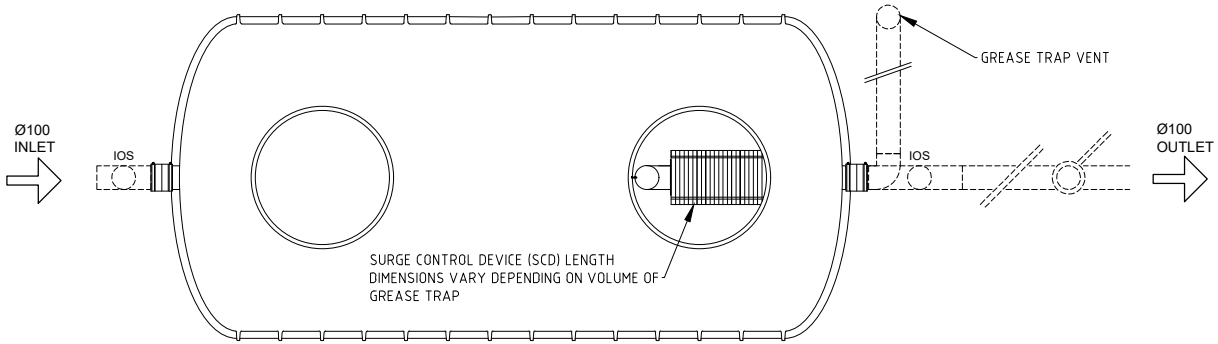
1. General
1.1. Vessel constructed from Polyethylene.
1.2. The MGTS is to be installed in a location that will not cause a nuisance, obstruct fire access, cannot be vandalised or be damaged by vehicles.
1.3. The MGTS must have ease of access to pumpout point for maintenance.
1.4. A hose tap fitted with RPZD backflow protection (as per AS/NZS 3500) must be installed within 5 metres of the grease trap for maintenance and cleaning.
1.5. Non-standard installations require Halgan approval.
2. Installation above ground- 1000 - 5000litre only
2.1. The MGTS is to be supported on a 100mm thick concrete pad or structural floor slab.
2.2. A stand is available for S Series models if required.
2.3. Any maintenance platform must be installed in accordance with Australian Standard 1657 allowing safe access while inspecting and maintaining the MGTS.
2.4. All pipes connecting to the MGTS shall be fully supported; there shall be no stress on the tank connections.
2.5. All stormwater must be diverted away from the MGTS to prevent undermining of foundation.
3. Installation below ground
3.1. All connections to the MGTS shall be in accordance with the appropriate authorities.
3.2. Any excavation exceeding 1.5 metres in depth shall comply with the construction safety acts and regulations before backfilling.
3.3. Riser heights greater than 900mm require Halgan approval.
4. Excavation dimensions
4.1. The excavated hole width shall be kept as narrow as practicable. The depth shall not be greater than 150mm more than the required depth.
4.2. 75mm clearance is required at the sides of tank.
5. Over excavation
5.1. Where an excavation has been made deeper than required, the excess depth shall be filled either with 4:1 sand cement compacted to achieve 98% compaction or concrete.
6. Bedding/Backfill
6.1. The bedding/backfill material shall be Blue Metal granular material between 6-10mm diameter.
6.2. The bedding/backfill shall be minimum 75mm thick.
6.3. The bedding/backfill material shall encase the whole tank.
7. Water Charged Ground
7.1 Installation in areas subject to flooding & groundwater is only permitted when the level of water does not exceed the height of the middle of the tank.
7.2 In areas of heavy, clay-like soils, the installation is only permitted when there is sufficient drainage underneath the body of the tank.
7.3. Where installation is in high water table or water charged ground, mine subsidence, filled or unstable areas, the services of a qualified structural engineer is required for certification.
8. Final Backfill
8.1. The final backfill material shall comply with the following:
8.2. Spoil from the excavation of the trench may be used.
8.3. Foreign material such as builder's waste, bricks, and concrete shall not be used.
8.4. The backfill shall be compacted to restore the excavated hole as near as practicable to the normal ground.

HALGAN™ MGTS™4000-WA GREASE TRAP DETAIL
DIMENSIONS DO NOT INCLUDE PIPEWORK OR ACCESS LIDS

MODEL	HEIGHT	WIDTH	LENGTH	VOLUME	WEIGHT
MGTS™4000	1825mm	1510mm	3250mm	4000L	310 KG



SECTIONAL SIDE ELEVATION



PLAN VIEW

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MEASUREMENTS CAN VARY ± 3%

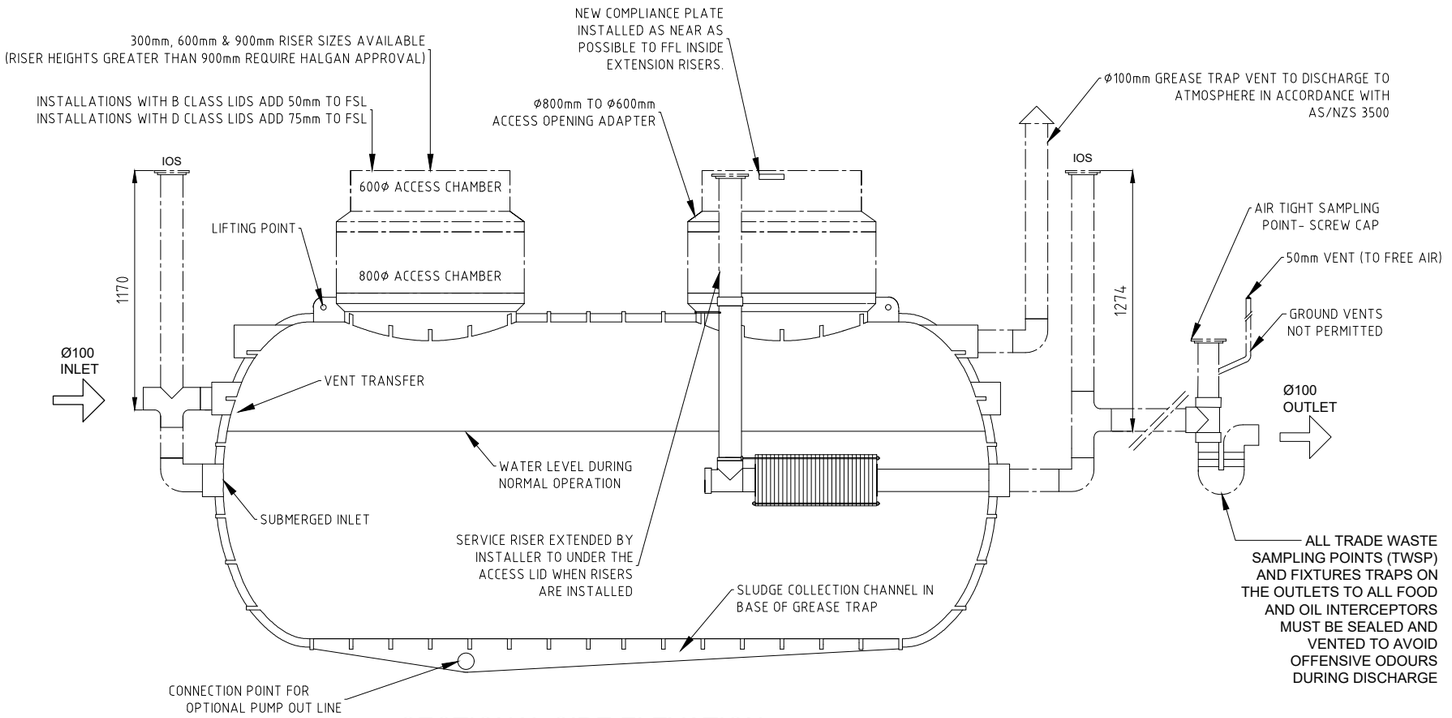
HALGAN™ MGTS™4000-WA GREASE TRAP DETAIL

DRAWN	MH
DATE	27.06.2024
CHECKED	JB
SCALE	1:35
	A4
DWG. NO.	MGTS4000-WA
REV.	B

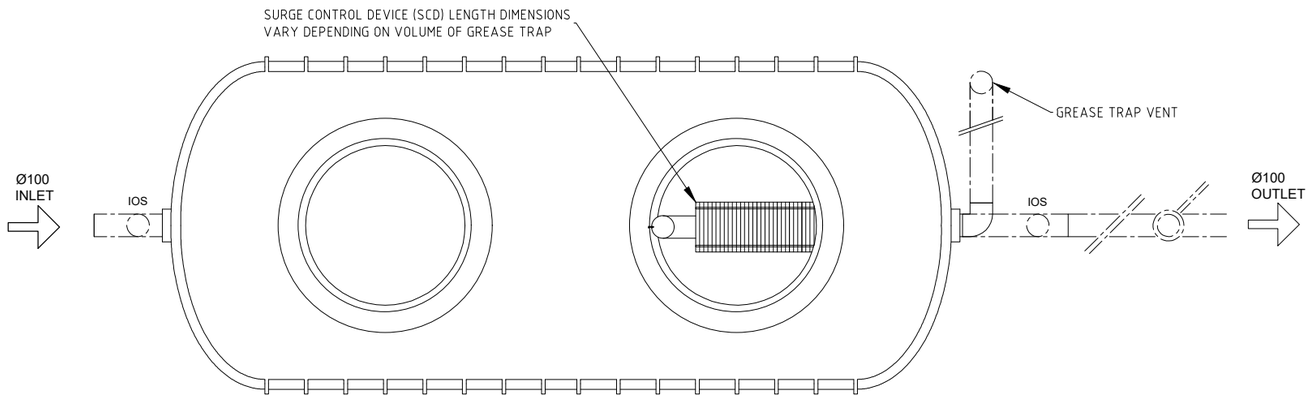
HALGAN™ MGTS™5000.2-WA GREASE TRAP DETAIL

Notes

1. General
1.1. Vessel constructed from Polyethylene.
1.2. The MGTS is to be installed in a location that will not cause a nuisance, obstruct fire access, cannot be vandalised or be damaged by vehicles.
1.3. The MGTS must have ease of access to pumpout point for maintenance.
1.4. A hose tap fitted with RPZD backflow protection (as per AS/NZS 3500) must be installed within 5 metres of the grease trap for maintenance and cleaning.
1.5. Non-standard installations require Halgan approval.
2. Installation above ground- 1000 - 5000litre only
2.1. The MGTS is to be supported on a 100mm thick concrete pad or structural floor slab.
2.2. A stand is available for S Series models if required.
2.3. Any maintenance platform must be installed in accordance with Australian Standard 1657 allowing safe access while inspecting and maintaining the MGTS.
2.4. All pipes connecting to the MGTS shall be fully supported; there shall be no stress on the tank connections.
2.5. All stormwater must be diverted away from the MGTS to prevent undermining of foundation.
3. Installation below ground
3.1. All connections to the MGTS shall be in accordance with the appropriate authorities.
3.2. Any excavation exceeding 1.5 metres in depth shall comply with the construction safety acts and regulations before backfilling.
3.3. Riser heights greater than 900mm require Halgan approval.
4. Excavation dimensions
4.1. The excavated hole width shall be kept as narrow as practicable. The depth shall not be greater than 150mm more than the required depth.
4.2. 75mm clearance is required at the sides of tank.
5. Over excavation
5.1. Where an excavation has been made deeper than required, the excess depth shall be filled either with 4:1 sand cement compacted to achieve 98% compaction or concrete.
6. Bedding/Backfill
6.1. The bedding/backfill material shall be Blue Metal granular material between 6-10mm diameter.
6.2. The bedding/backfill shall be minimum 75mm thick.
6.3. The bedding/backfill material shall encase the whole tank.
7. Water Charged Ground
7.1 Installation in areas subject to flooding & groundwater is only permitted when the level of water does not exceed the height of the middle of the tank.
7.2 In areas of heavy, clay-like soils, the installation is only permitted when there is sufficient drainage underneath the body of the tank.
7.3. Where installation is in high water table or water charged ground, mine subsidence, filled or unstable areas, the services of a qualified structural engineer is required for certification.
8. Final Backfill
8.1. The final backfill material shall comply with the following:
8.2. Spoil from the excavation of the trench may be used.
8.3. Foreign material such as builder's waste, bricks, and concrete shall not be used.
8.4. The backfill shall be compacted to restore the excavated hole as near as practicable to the normal ground.



SECTIONAL SIDE ELEVATION



PLAN VIEW

HALGAN™ MGTS™5000.2-WA GREASE TRAP DETAIL DIMENSIONS DO NOT INCLUDE PIPEWORK OR ACCESS LIDS					
MODEL	HEIGHT	WIDTH	LENGTH	VOLUME	WEIGHT
MGTS™5000.2	1854mm	1650mm	3950mm	5000L	455 KG

* Height dimension icludes 300mm riser and adapter
* Connection pipes not considered in dimensions

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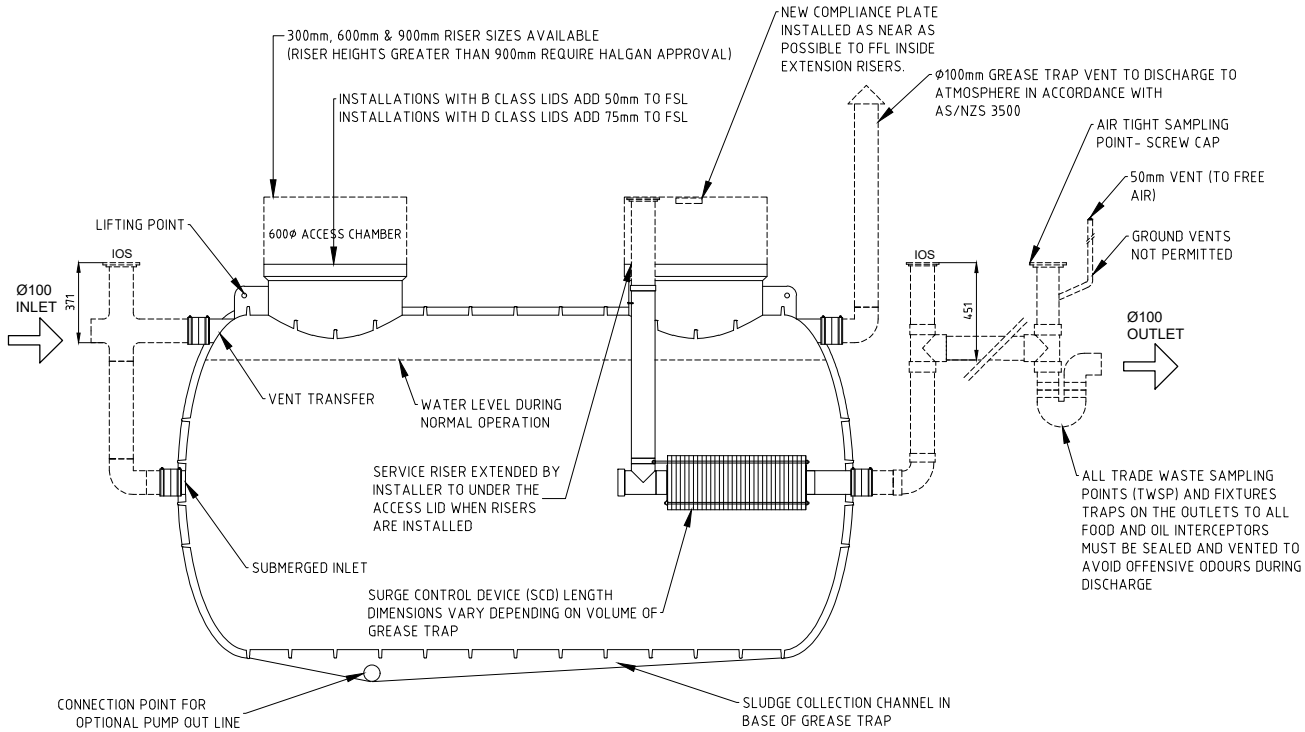
HALGAN™
MGTS™5000.2-WA
GREASE TRAP DETAIL

DRAWN	DATE	
MH	10.10.2024	
CHECKED	SCALE	
JB	1:30	A3
DWG. NO.	REV.	
MGTS5000.2-WA	A	

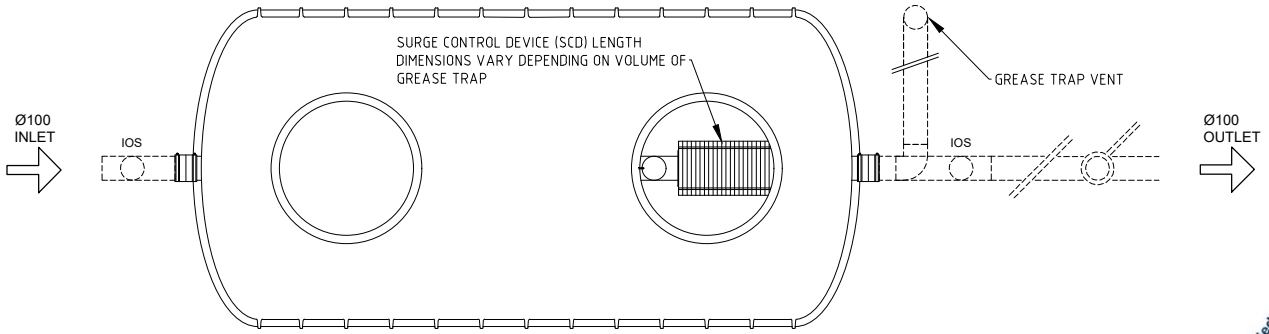
HALGAN™ MGTS™5000-WA GREASE TRAP DETAIL

Notes

1. General
1.1. Vessel constructed from Polyethylene.
1.2. The MGTS is to be installed in a location that will not cause a nuisance, obstruct fire access, cannot be vandalised or be damaged by vehicles.
1.3. The MGTS must have ease of access to pumpout point for maintenance.
1.4. A hose tap fitted with RPZD backflow protection (as per AS/NZS 3500) must be installed within 5 metres of the grease trap for maintenance and cleaning.
1.5. Non-standard installations require Halgan approval.
2. Installation above ground- 1000 - 5000litre only
2.1. The MGTS is to be supported on a 100mm thick concrete pad or structural floor slab.
2.2. A stand is available for S Series models if required.
2.3. Any maintenance platform must be installed in accordance with Australian Standard 1657 allowing safe access while inspecting and maintaining the MGTS.
2.4. All pipes connecting to the MGTS shall be fully supported; there shall be no stress on the tank connections.
2.5. All stormwater must be diverted away from the MGTS to prevent undermining of foundation.
3. Installation below ground
3.1. All connections to the MGTS shall be in accordance with the appropriate authorities.
3.2. Any excavation exceeding 1.5 metres in depth shall comply with the construction safety acts and regulations before backfilling.
3.3. Riser heights greater than 900mm require Halgan approval.
4. Excavation dimensions
4.1. The excavated hole width shall be kept as narrow as practicable. The depth shall not be greater than 150mm more than the required depth.
4.2. 75mm clearance is required at the sides of tank.
5. Over excavation
5.1. Where an excavation has been made deeper than required, the excess depth shall be filled either with 4:1 sand cement compacted to achieve 98% compaction or concrete.
6. Bedding/Backfill
6.1. The bedding/backfill material shall be Blue Metal granular material between 6-10mm diameter.
6.2. The bedding/backfill shall be minimum 75mm thick.
6.3. The bedding/backfill material shall encase the whole tank.
7. Water Charged Ground
7.1 Installation in areas subject to flooding & groundwater is only permitted when the level of water does not exceed the height of the middle of the tank.
7.2 In areas of heavy, clay-like soils, the installation is only permitted when there is sufficient drainage underneath the body of the tank.
7.3. Where installation is in high water table or water charged ground, mine subsidence, filled or unstable areas, the services of a qualified structural engineer is required for certification.
8. Final Backfill
8.1. The final backfill material shall comply with the following:
8.2. Spoil from the excavation of the trench may be used.
8.3. Foreign material such as builder's waste, bricks, and concrete shall not be used.
8.4. The backfill shall be compacted to restore the excavated hole as near as practicable to the normal ground.



SECTIONAL SIDE ELEVATION



PLAN VIEW

HALGAN™ MGTS™5000-WA GREASE TRAP DETAIL DIMENSIONS DO NOT INCLUDE PIPEWORK OR ACCESS LIDS					
MODEL	HEIGHT	WIDTH	LENGTH	VOLUME	WEIGHT
MGTS™5000	1940mm	1625mm	3200mm	5000L	350 KG

Certified Product - AS/NZS 1546.1
Global-Mark.com.au®
ID Number: 100896

REV	DATE	DESCRIPTION	BY	CHKD	APP
B	27.06.2024	SCD SERVICING CHANNEL HEIGHT ADJUSTED.	MH	JB	KH
A	22.02.2021	DETAIL DESIGN	SC	JB	KH

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www.halgan.com.au

MEASUREMENTS CAN VARY ± 3%

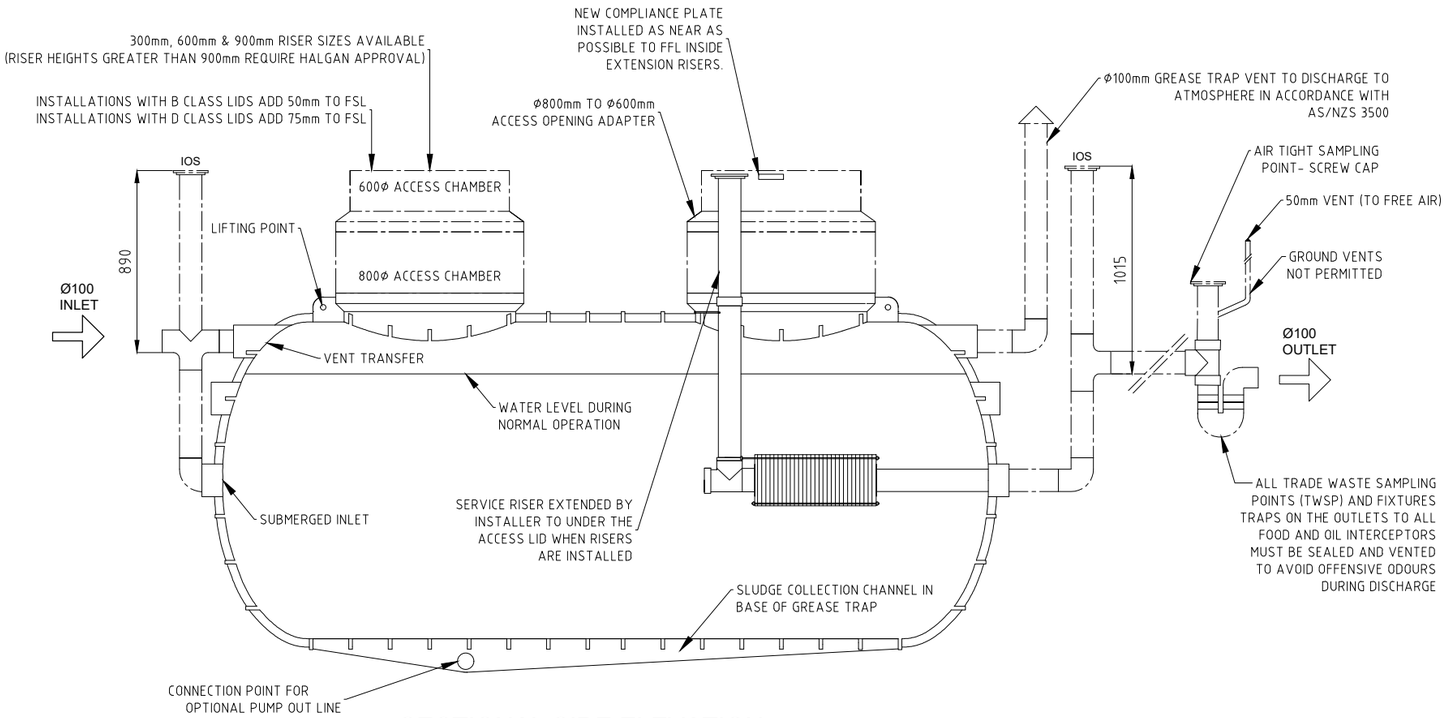
HALGAN™ MGTS™5000-WA GREASE TRAP DETAIL

DRAWN	DATE
MH	27.06.2024
CHECKED	SCALE
JB	1:35 A4
DWG. NO.	REV.
MGTS5000-WA	B

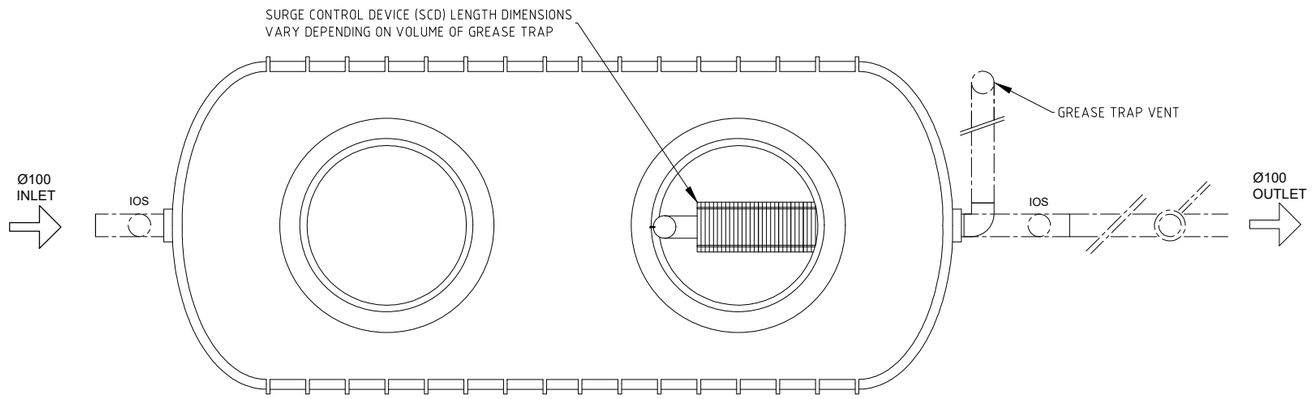
HALGAN™ MGTS™6000-WA GREASE TRAP DETAIL

Notes

1. General
1.1. Vessel constructed from Polyethylene.
1.2. The MGTS is to be installed in a location that will not cause a nuisance, obstruct fire access, cannot be vandalised or be damaged by vehicles.
1.3. The MGTS must have ease of access to pumpout point for maintenance.
1.4. A hose tap fitted with RPZD backflow protection (as per AS/NZS 3500) must be installed within 5 metres of the grease trap for maintenance and cleaning.
1.5. Non-standard installations require Halgan approval.
2. Installation above ground- 1000 - 5000litre only
2.1. The MGTS is to be supported on a 100mm thick concrete pad or structural floor slab.
2.2. A stand is available for S Series models if required.
2.3. Any maintenance platform must be installed in accordance with Australian Standard 1657 allowing safe access while inspecting and maintaining the MGTS.
2.4. All pipes connecting to the MGTS shall be fully supported; there shall be no stress on the tank connections.
2.5. All stormwater must be diverted away from the MGTS to prevent undermining of foundation.
3. Installation below ground
3.1. All connections to the MGTS shall be in accordance with the appropriate authorities.
3.2. Any excavation exceeding 1.5 metres in depth shall comply with the construction safety acts and regulations before backfilling.
3.3. Riser heights greater than 900mm require Halgan approval.
4. Excavation dimensions
4.1. The excavated hole width shall be kept as narrow as practicable. The depth shall not be greater than 150mm more than the required depth.
4.2. 75mm clearance is required at the sides of tank.
5. Over excavation
5.1. Where an excavation has been made deeper than required, the excess depth shall be filled either with 4:1 sand cement compacted to achieve 98% compaction or concrete.
6. Bedding/Backfill
6.1. The bedding/backfill material shall be Blue Metal granular material between 6-10mm diameter.
6.2. The bedding/backfill shall be minimum 75mm thick.
6.3. The bedding/backfill material shall encase the whole tank.
7. Water Charged Ground
7.1 Installation in areas subject to flooding & groundwater is only permitted when the level of water does not exceed the height of the middle of the tank.
7.2 In areas of heavy, clay-like soils, the installation is only permitted when there is sufficient drainage underneath the body of the tank.
7.3. Where installation is in high water table or water charged ground, mine subsidence, filled or unstable areas, the services of a qualified structural engineer is required for certification.
8. Final Backfill
8.1. The final backfill material shall comply with the following:
8.2. Spoil from the excavation of the trench may be used.
8.3. Foreign material such as builder's waste, bricks, and concrete shall not be used.
8.4. The backfill shall be compacted to restore the excavated hole as near as practicable to the normal ground.



SECTIONAL SIDE ELEVATION



PLAN VIEW

HALGAN™ MGTS™6000-WA GREASE TRAP DETAIL DIMENSIONS DO NOT INCLUDE PIPEWORK OR ACCESS LIDS					
MODEL	HEIGHT	WIDTH	LENGTH	VOLUME	WEIGHT
MGTS™6000	1854mm	1650mm	3950mm	6000L	455 KG

* Height dimension icludes 300mm riser and adapter
* Connection pipes not considered in dimensions

Certified Product - AS/NZS 1546.1
Global-Mark.com.au®
ID Number: 100896

REV	DATE	DESCRIPTION	BY	CHKD	APP
B	04.07.2024	SERVICE CHANNEL AND SCD ADJUSTED	MH	JB	KH
A	22.02.2021	DETAIL DESIGN	SC	JB	KH

DO NOT SCALE IF IN DOUBT ASK

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Wetherill Park NSW 2164
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MEASUREMENTS CAN VARY ± 3%

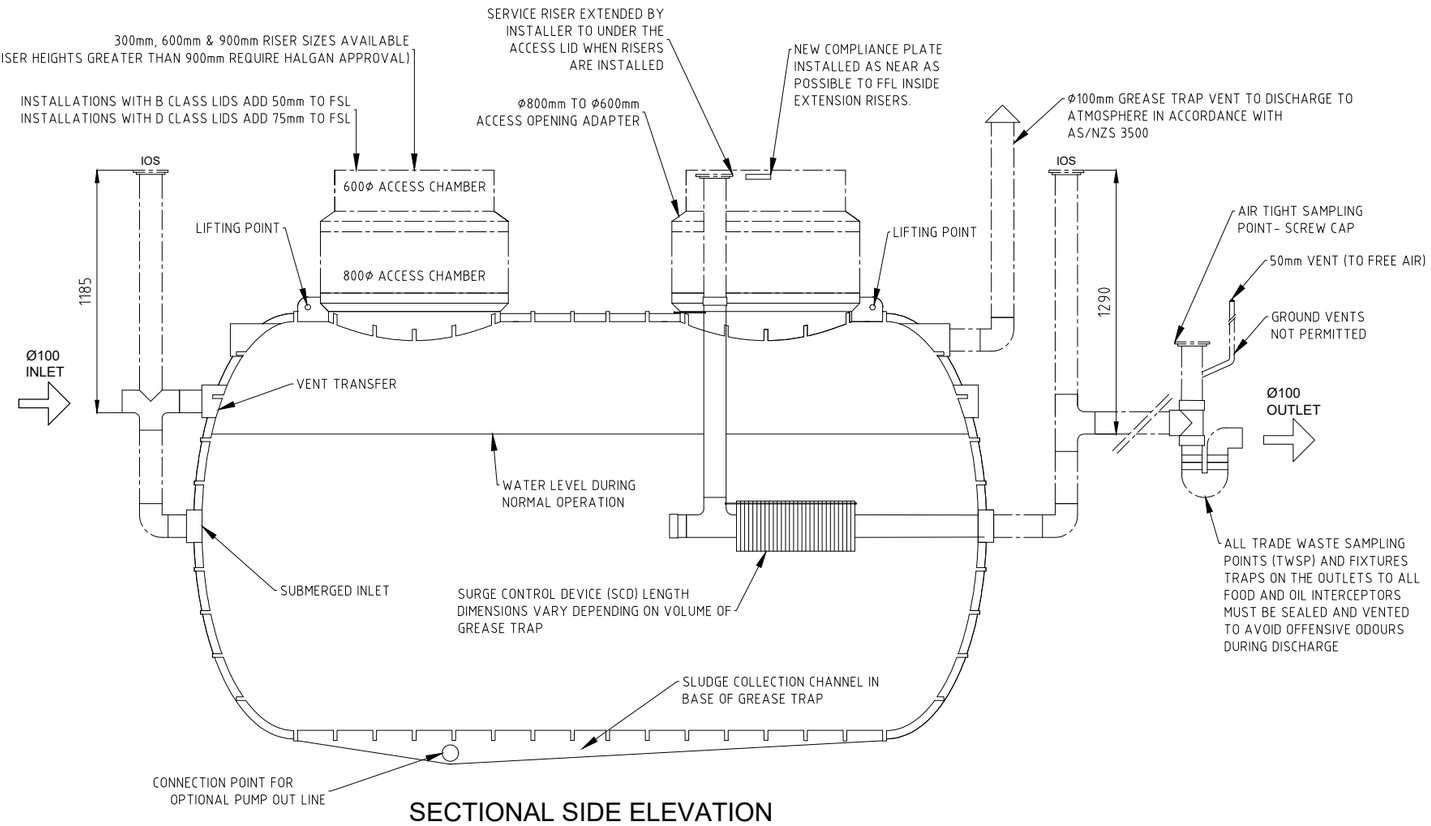
HALGAN™
MGTS™6000-WA
GREASE TRAP DETAIL

DRAWN	DATE	
MH	04.07.2024	
CHECKED	SCALE	
JB	1:30	A3
DWG. NO.		REV.
MGTS6000-WA		B

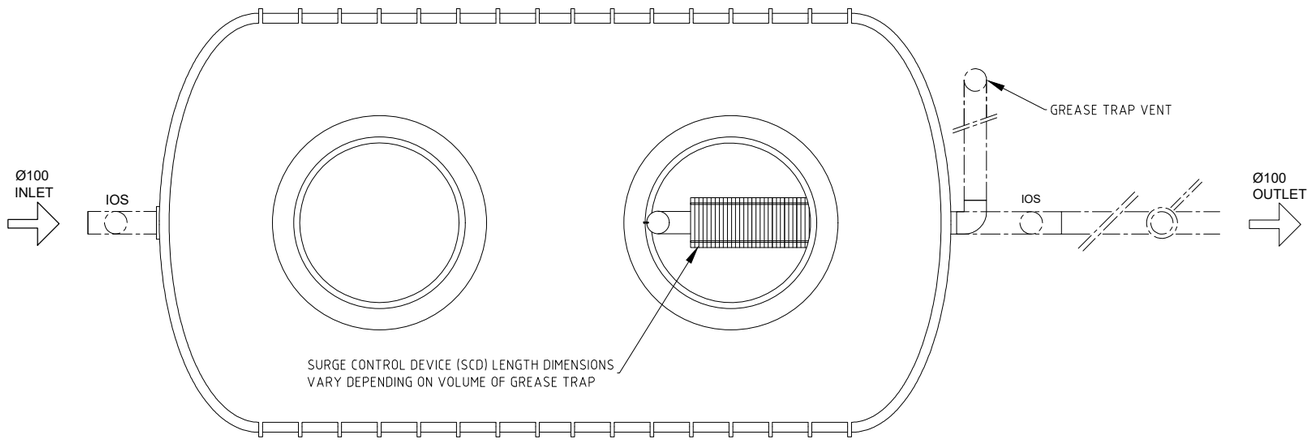
HALGAN™ MGTS™8000-WA GREASE TRAP DETAIL

Notes

1. General
1.1. Vessel constructed from Polyethylene.
1.2. The MGTS is to be installed in a location that will not cause a nuisance, obstruct fire access, cannot be vandalised or be damaged by vehicles.
1.3. The MGTS must have ease of access to pumpout point for maintenance.
1.4. A hose tap fitted with RPZD backflow protection (as per AS/NZS 3500) must be installed within 5 metres of the grease trap for maintenance and cleaning.
1.5. Non-standard installations require Halgan approval.
2. Installation above ground- 1000 - 5000litre only
2.1. The MGTS is to be supported on a 100mm thick concrete pad or structural floor slab.
2.2. A stand is available for S Series models if required.
2.3. Any maintenance platform must be installed in accordance with Australian Standard 1657 allowing safe access while inspecting and maintaining the MGTS.
2.4. All pipes connecting to the MGTS shall be fully supported; there shall be no stress on the tank connections.
2.5. All stormwater must be diverted away from the MGTS to prevent undermining of foundation.
3. Installation below ground
3.1. All connections to the MGTS shall be in accordance with the appropriate authorities.
3.2. Any excavation exceeding 1.5 metres in depth shall comply with the construction safety acts and regulations before backfilling.
3.3. Riser heights greater than 900mm require Halgan approval.
4. Excavation dimensions
4.1. The excavated hole width shall be kept as narrow as practicable. The depth shall not be greater than 150mm more than the required depth.
4.2. 75mm clearance is required at the sides of tank.
5. Over excavation
5.1. Where an excavation has been made deeper than required, the excess depth shall be filled either with 4:1 sand cement compacted to achieve 98% compaction or concrete.
6. Bedding/Backfill
6.1. The bedding/backfill material shall be Blue Metal granular material between 6-10mm diameter.
6.2. The bedding/backfill shall be minimum 75mm thick.
6.3. The bedding/backfill material shall encase the whole tank.
7. Water Charged Ground
7.1 Installation in areas subject to flooding & groundwater is only permitted when the level of water does not exceed the height of the middle of the tank.
7.2 In areas of heavy, clay-like soils, the installation is only permitted when there is sufficient drainage underneath the body of the tank.
7.3. Where installation is in high water table or water charged ground, mine subsidence, filled or unstable areas, the services of a qualified structural engineer is required for certification.
8. Final Backfill
8.1. The final backfill material shall comply with the following:
8.2. Spoil from the excavation of the trench may be used.
8.3. Foreign material such as builder's waste, bricks, and concrete shall not be used.
8.4. The backfill shall be compacted to restore the excavated hole as near as practicable to the normal ground.



SECTIONAL SIDE ELEVATION



PLAN VIEW

HALGAN™ MGTS™8000-WA GREASE TRAP DETAIL DIMENSIONS DO NOT INCLUDE PIPEWORK OR ACCESS LIDS					
MODEL	HEIGHT	WIDTH	LENGTH	VOLUME	WEIGHT
MGTS™8000	2305mm	2100mm	3950mm	8000L	650 KG

* Height dimension icludes 300mm riser and adapter
* Connection pipes not considered in dimensions

Certified Product - AS/NZS 1546.1
Global-Mark.com.au®
ID Number: 100896

REV	DATE	DESCRIPTION	BY	CHKD	APP
B	04.07.2024	SERVICE CHANNEL AND SCF ADJUSTED	MH	JB	KH
A	22.02.2021	DETAIL DESIGN	SC	JB	KH

DO NOT SCALE IF IN DOUBT ASK

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MEASUREMENTS CAN VARY ± 3%

HALGAN™ MGTS™8000-WA GREASE TRAP DETAIL

DRAWN	DATE	
MH	04.07.2024	
CHECKED	SCALE	
JB	1:30	A3
DWG. NO.	REV.	
MGTS8000-WA	B	

HALGAN™ MGTS™10000-WA GREASE TRAP DETAIL

Notes

1. General
1.1. Vessel constructed from Polyethylene.
1.2. The MGTS is to be installed in a location that will not cause a nuisance, obstruct fire access, cannot be vandalised or be damaged by vehicles.
1.3. The MGTS must have ease of access to pumpout point for maintenance.
1.4. A hose tap fitted with RPZD backflow protection (as per AS/NZS 3500) must be installed within 5 metres of the grease trap for maintenance and cleaning.
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3.2. Any excavation exceeding 1.5 metres in depth shall comply with the construction safety acts and regulations before backfilling.
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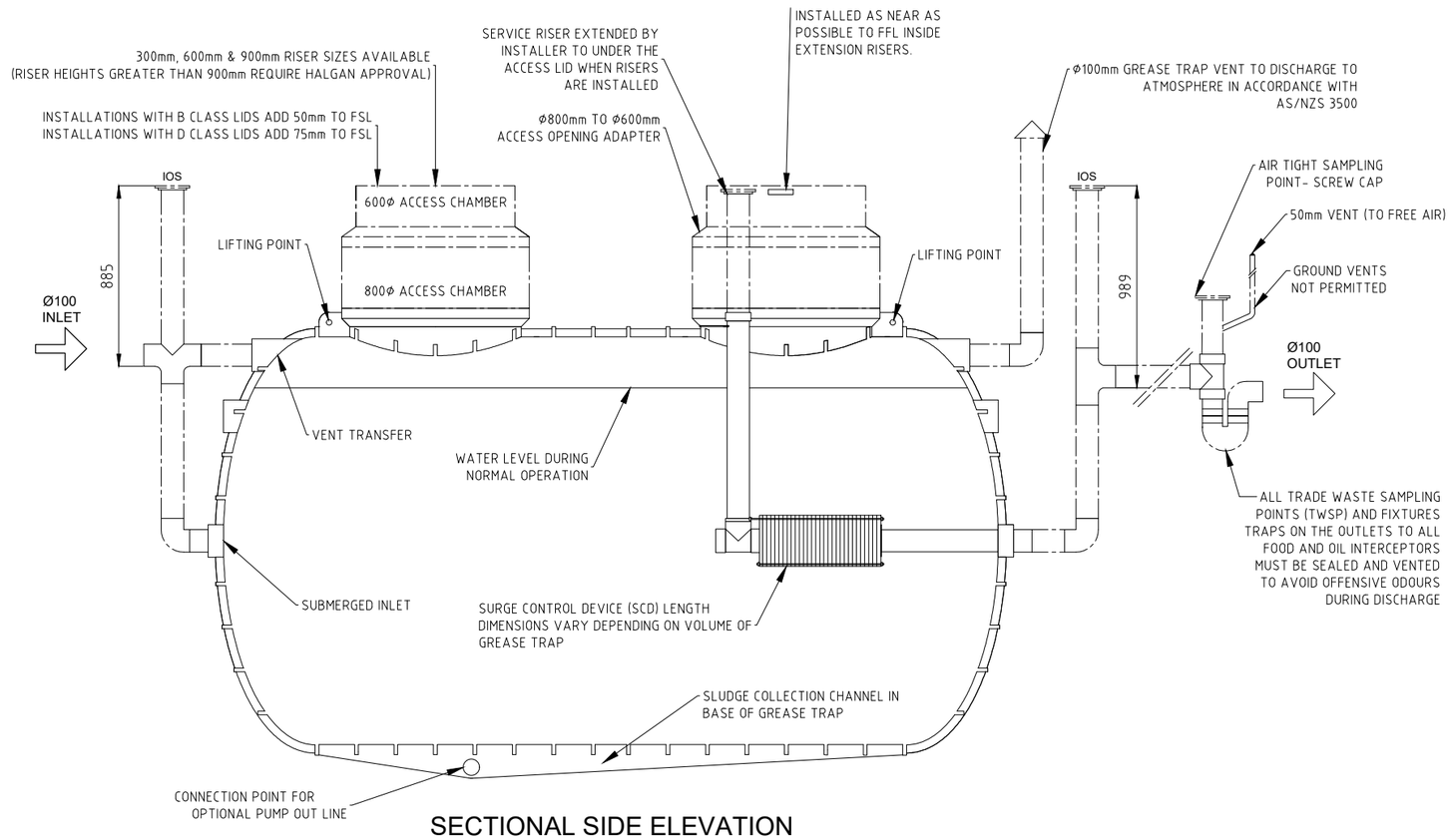
7. Water Charged Ground
7.1 Installation in areas subject to flooding & groundwater is only permitted when the level of water does not exceed the height of the middle of the tank.
7.2 In areas of heavy, clay-like soils, the installation is only permitted when there is sufficient drainage underneath the body of the tank.
7.3. Where installation is in high water table or water charged ground, mine subsidence, filled or unstable areas, the services of a qualified structural engineer is required for certification.
8. Final Backfill
8.1. The final backfill material shall comply with the following:
8.2. Spoil from the excavation of the trench may be used.
8.3. Foreign material such as builder's waste, bricks, and concrete shall not be used.
8.4. The backfill shall be compacted to restore the excavated hole as near as practicable to the normal ground.

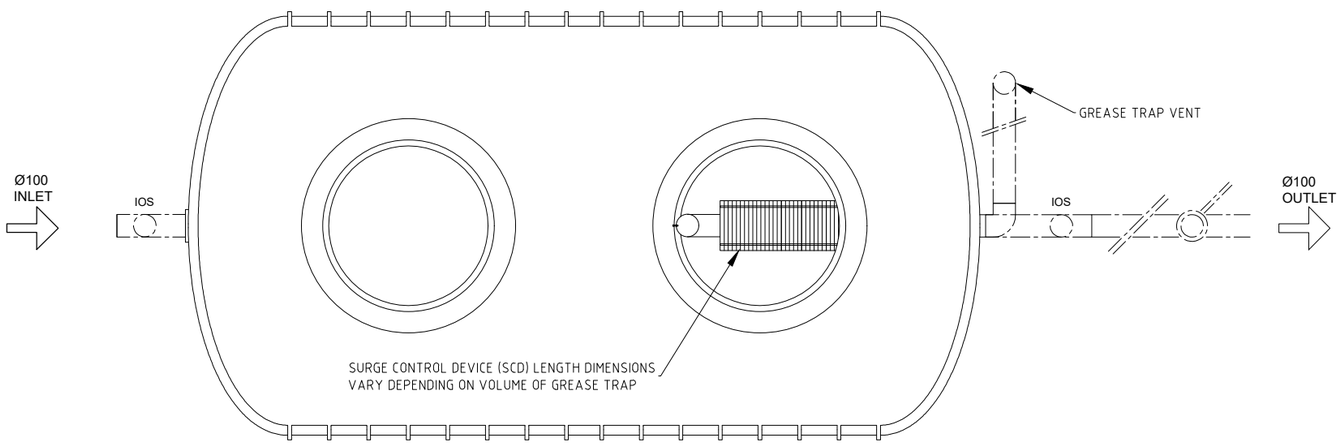
HALGAN™ MGTS™10000 GREASE TRAP DETAIL
DIMENSIONS DO NOT INCLUDE PIPEWORK OR ACCESS LIDS

MODEL	HEIGHT	WIDTH	LENGTH	VOLUME	WEIGHT
MGTS™10000	2303mm	2100mm	3950mm	10000L	650 KG

* Height dimension icludes 300mm riser and adapter
* Connection pipes not considered in dimensions



SECTIONAL SIDE ELEVATION



PLAN VIEW

Certified Product - AS/NZS 1546.1
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ID Number: 100896

REV	DATE	DESCRIPTION	BY	CHKD	APP
C	04.07.2024	SERVICE CHANNEL AND SCD ADJUSTED	MH	JB	KH
B	31.08.2022	DIMENSION TABLE	RL	JB	JB
A	22.02.2021	DETAIL DESIGN	SC	JB	KH

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MEASUREMENTS CAN VARY ± 3%

HALGAN™
MGTS™10000-WA
GREASE TRAP DETAIL

DRAWN	DATE	
MH	04.07.2024	
CHECKED	SCALE	
JB	1:30	A3
DWG. NO.		REV.
MGTS10000-WA		C