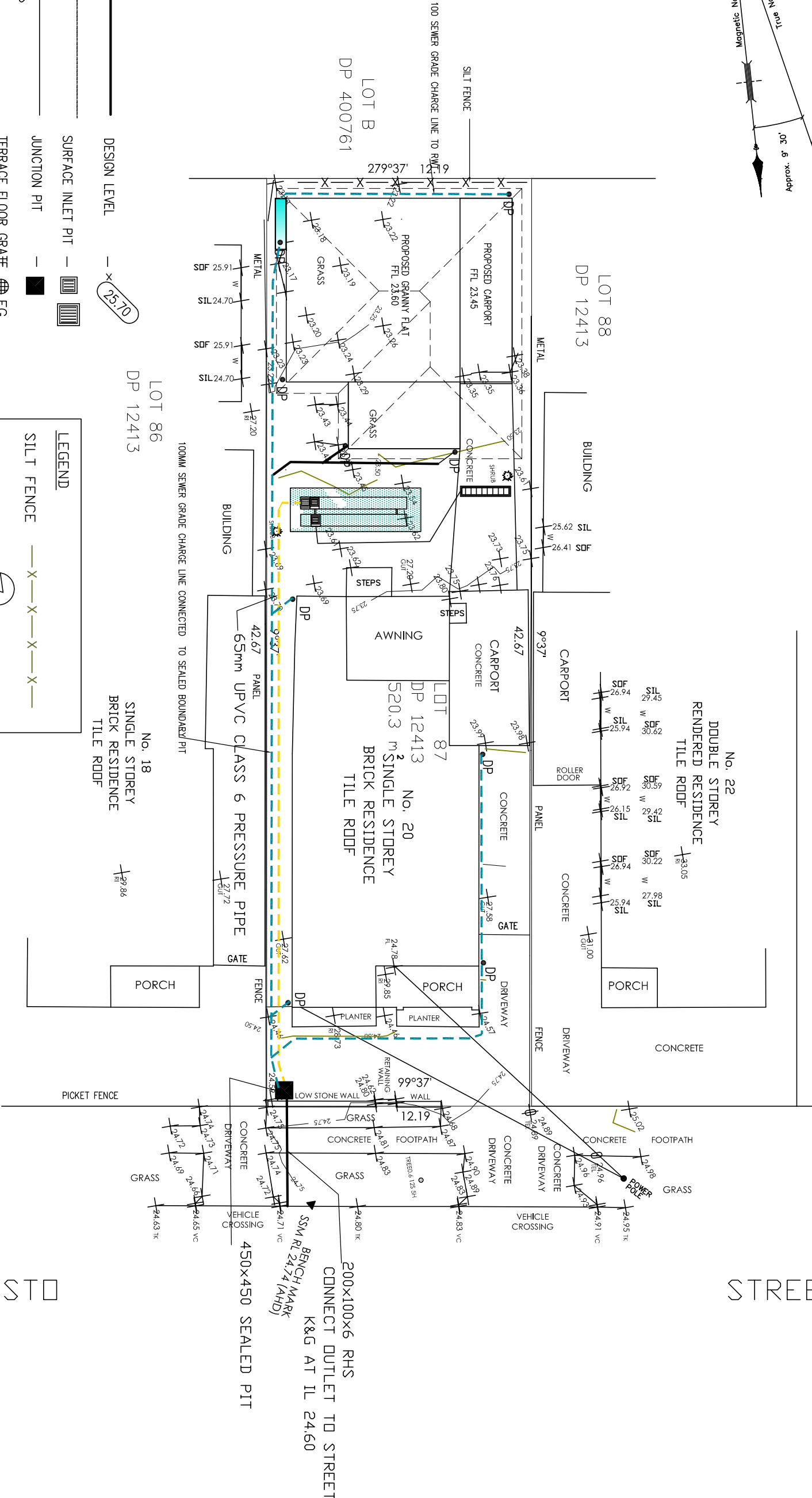


STREET



LEGEND:

- DRAINAGE LINE ————— DESIGN LEVEL ————
AG. LINE ————— SURFACE INLET PIT —
SILT FENCE ————— JUNCTION PIT —
EXISTING LEVEL — × 3' 5" TERRACE FLOOR GRADE FG
○ DP — DOWNPIPE WITH SPREADER PLANTER GRATE — ⊠ PG
● DP — DOWNPIPE

LEGEND

SILT FENCE — X — X — X — X — X —

STOCKPILES ⑦

GEOTEXTILE FABRIC FILLED WITH GRAVEL

STORMWATER PIT

REMARKS

- NOTES:
- This drawing is copyright and the property of GHA Engineering.
 - Larger scale drawings and written dimensions take preference.
 - Do not scale from drawings, all dimensions to be verified on site before commencement of work.
 - All discrepancies to be brought to the attention of the author.

TITLE: STORMWATER AND SEDIMENT CONTROL PLAN

PROPOSED GRANNY FLAT
20 PLASTO STREET
GREENACRE

GHA ENGINEERING
CIVIL & STRUCTURAL CONSULTANTS

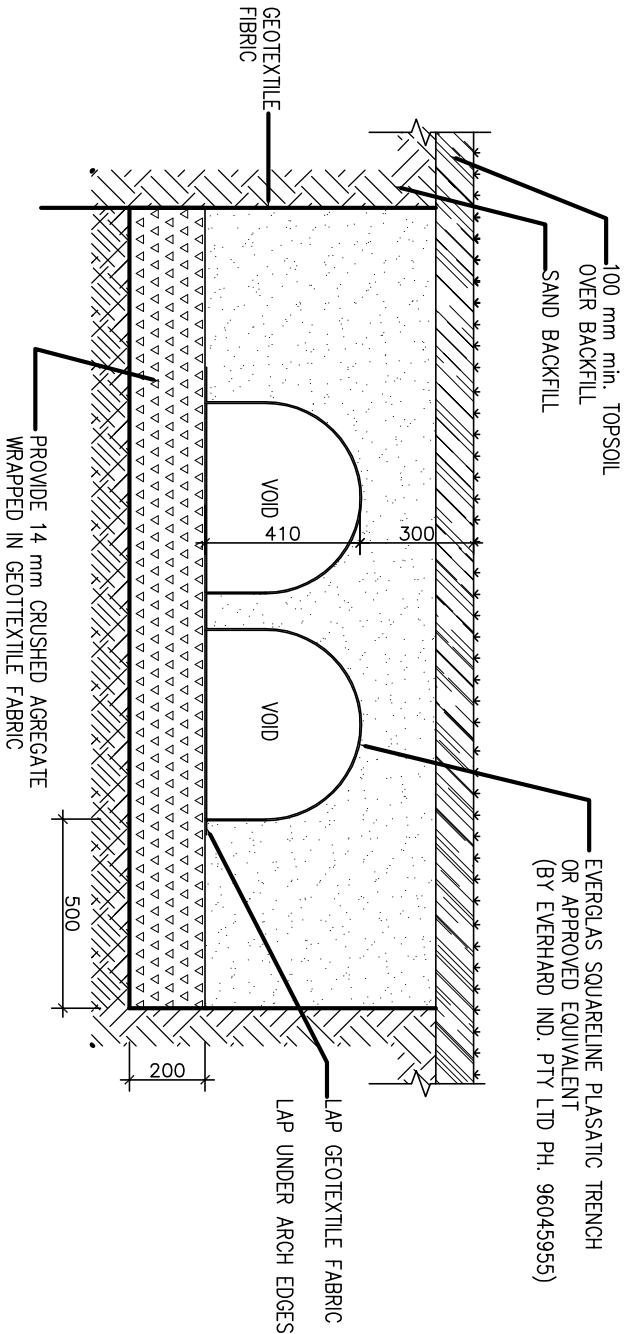
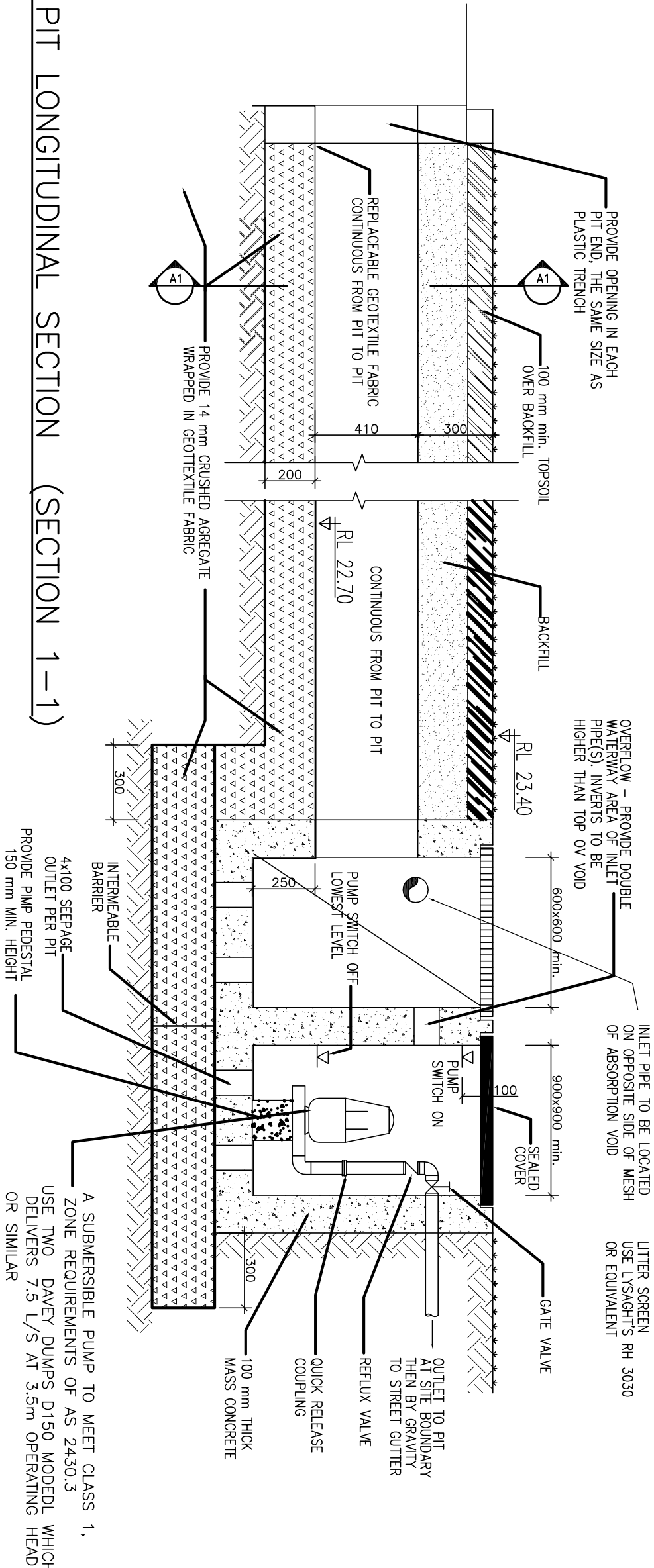
Mobile: 04133 25 103
FAX: 98966524
589 b Merrylands Road
Merrylands NSW 2160
GEORGE H. AZZI
B.E. (CIVIL), MIEAust.

Project No.: 20211554SW-A
Scale: AS SHOWN
Date: JUNE 23


DRAWN BY: G. AZZI
CLIENT
Drawing No.: 1/4

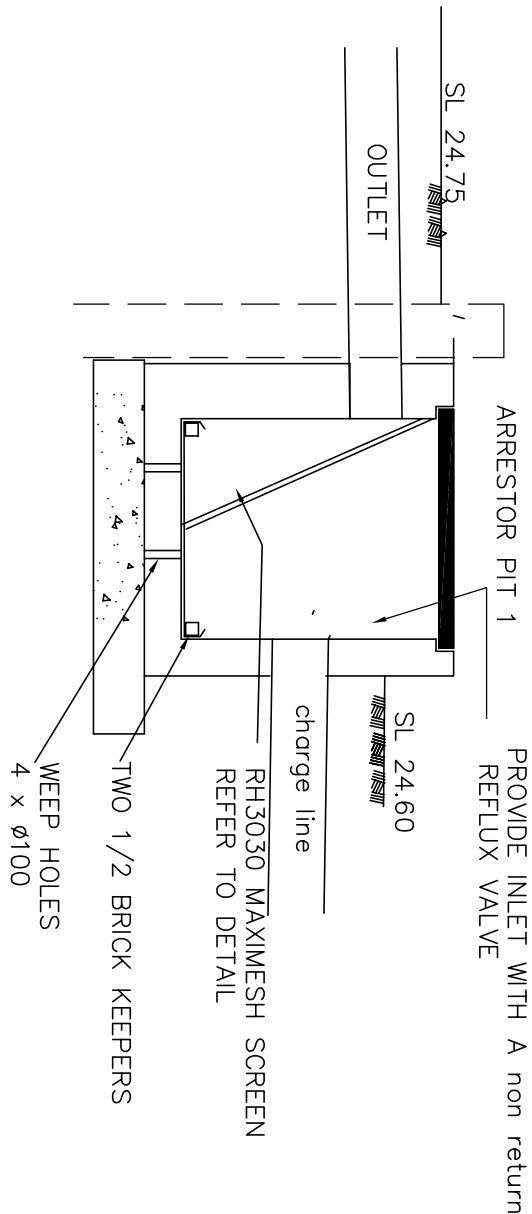
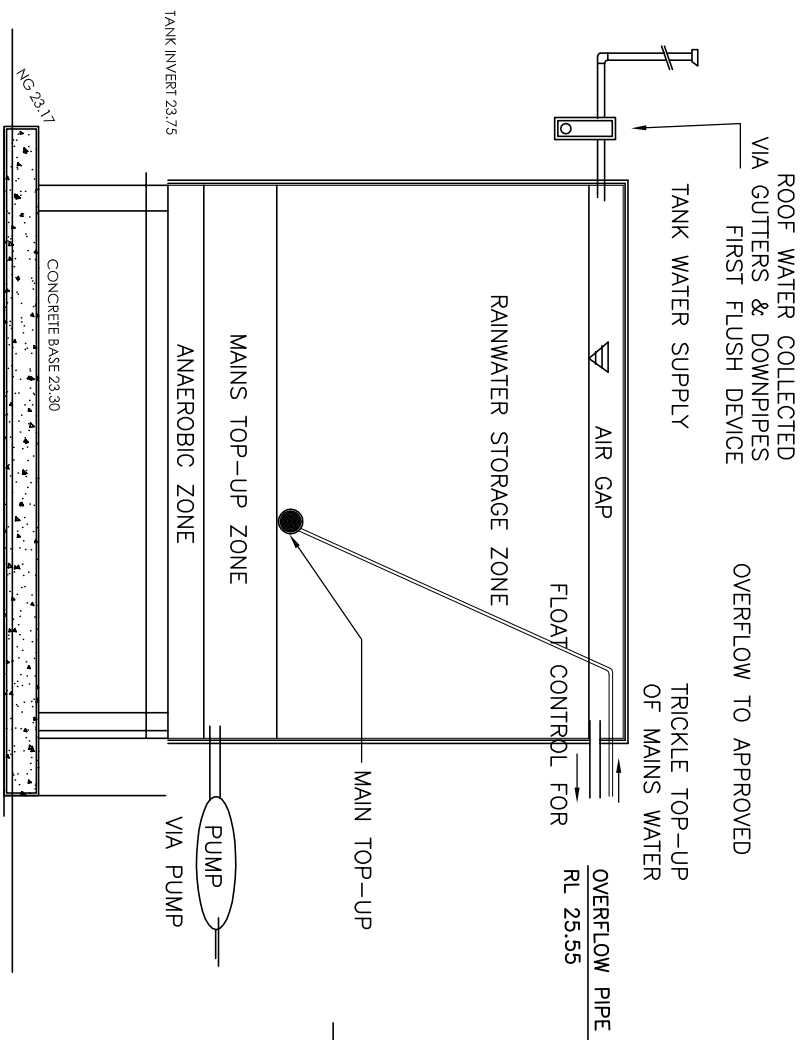
ABSORPTION PIT LONGITUDINAL SECTION (SECTION 1-1)

SCALE 1 : 10



CROSS SECTION THROUGH ABSORPTION PIT (SECTION 2-2)

REMARKS			TITLE: STORMWATER AND SEDIMENT CONTROL DETAILS		GHA ENGINEERING CIVIL & STRUCTURAL CONSULTANTS		Project No.: 20211554SW-A	DRAWN BY: G. AZZI
NOTES:			PROPOSED GRANNY FLAT 20 PLASTO STREET GREENACRE		<div><div></div><div>CIVIL & STRUCTURAL CONSULTANTS</div><div>Mobile :04133 25 103</div><div>FAX: 98966524</div><div>589 b Merrylands Road</div><div>Merrylands NSW 2160</div><div>GEORGE H. AZZI</div><div>B.E. (CIVIL), MIEAust.</div></div>		Scale: AS SHOWN	CLIENT
JUNE 23	ISSUED FOR DA/CC	A						
Date	NOTE	REV.						
							Date: JUNE 23	Drawing No.: 2/4



TYPICAL ARRESTOR PIT 1

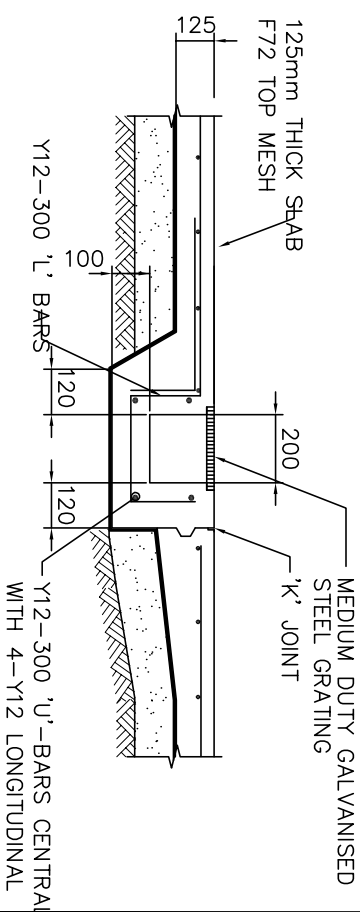
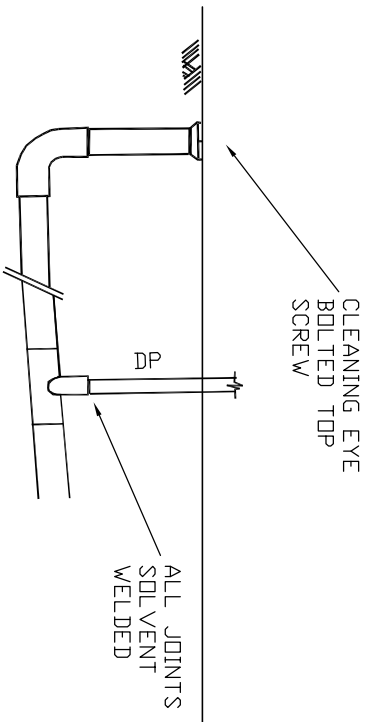
NTS

TYPICAL RAINWATER TANK CONFIGURATION DIAGRAM

RAINWATER TANKS MUST BE INSTALLED UNDER THE FOLLOWING GUIDELINES:

- 1 - A FLUSH DIVERSION TO ROOF CONTAMINATION,
- 2 - ADEQUATE SCREENING TO PREVENT MOSQUITO BREEDING AND TO PREVENT ENTRY OF ANY ANIMALS
- 3 - OVERFLOW FROM THE TANK SHALL BE PIPED TO THE APPROVED DRAINAGE SYSTEM.
- 4 - BE BUILT ON A SELF SUPPORTING BASE
- 5- THE TANK SHOULD NOT EXCEED 2m IN HEIGHT INCLUDING STAND.
- 6- FINISH IS TO BE OF A NON REFLECTIVE MATERIAL (REFER TO AS 3500.1 FOR SELECTION OF MATERIAL AND CONNECTION)
- 7- BE FITTED WITH A SMALL PUMP OR BE A PRESSURISED SYSTEM.
- 8 - BE INSTALLED BY LICENSED PLUMBER IN COMPLIANCE WITH SYDNEY WATERS' "GUIDELINES FOR RAINWATER TANKS ON RESIDENTIAL PROPERTIES-PLUMBING REQUIREMENTS- INFORMATION FOR RAINWATER TANK SUPPLIERS AND PLUMBERS(APRIL 2003)" AND "NSW CODE OF PRACTICES: PLUMBING AND NSW CODE OF PRACTICES: PLUMBING AND DRAINAGE"

A SIGN MUST BE INSTALLED STATING " NOT FOR HUMAN CONSUMPTION".



GRATED DRAIN DETAIL

NOTE:

CONCRETE TRENCH WITH GALVANISED STEEL GRATING MAY BE SUBSTITUTED FOR U.V. STABILISED POLYPROPYLENE U CHANNEL & GRATE SUBJECT TO ENGINEERS APPROVAL

STORMWATER DRAINAGE NOTES:

1. AS3500.3.1 'National Plumbing and Drainage Code' and relevant Council codes.
 2. Areas used for surface detention shall be fitted with subsoil drainage around the outlet to prevent saturation during prolonged wet weather
 3. Stormwater drains to be 100mm Dia. at 1% fall UNO
 4. The Contractor shall locate all existing services within
 5. Drainage pipe shall be UPVC . unless otherwise noted
 6. The Contractor shall expose the full drainage route and point of discharge from the site and confirm levels prior to commencing construction.
 7. Pipe laying, bedding & backfill to be in accordance with the specification and the pipe manufacturer's requirements.
 8. Trash screen to be Maximesh Rh3030 or equivalent
- office area
9. Outlet pipes from pits shall have invert level at least 30mm lower than the invert level of the lowest pipe entering
 10. Inspection openings or stormwater pits shall be located where shown on the drawings and at each connection point and change of direction greater than 45°
 11. Redundant vehicle crossings are to be removed and replaced with integral kerb and gutter i.a.w council requirements
 12. Balconies are to be connected, via 50mm rainwater outlets to the proposed stormwater system.
 13. All downpipes to be 100mm x 70mm UNO
Maximum 65 sqm of roof per downpipe

[illegible]

EROSION CONTROL NOTES:

- 1. ALL ERSION AND SEDIMENT CONTROL MEASURES TO BE INSTALLED PRIOR TO SITE DISTURBANCE AND TO BE INSPECTED AND MAINTAINED DAILY BY
- 2. STRIPPING OF GRASS AND VEGETATION ETC. FROM SITE SHALL BE KEPT TO A MINIMUM.
- 3. TOPSOIL FROM ALL AREAS THAT WILL BE DISTURBED TO BE STRIPPED AND STOCKPILED AND TO BE KEPT CLEAR FROM DRAINS, GUTTERS AND FOOTPATHS.
- 4. DRAINAGE IS TO BE CONNECTED TO STORMWATER SYSTEM AS SOON AS POSSIBLE.
- 5. ROADS AND FOOTPATH TO BE SWEEP DAILY
- 6. ALL SEDIMENT CONTROL STRUCTURES TO BE INSPECTED AFTER EACH RAINFALL EVENT FOR STRUCTURAL DAMAGE AND ALL TRAPPED SEDIMENT TO BE REMOVED TO

SILTATION MANAGEMENT PROCEDURE

- 1. ERECT SILT FENCE & GRAVEL DRAIN
- 2. DEMOLISH EXISTING BUILDING
- 3. EXCAVATE BASEMENT AND PLACE TEMPORARY PUMPOUT SEDIMENT PIT
- 4. FINISH CONSTRUCTION
- 5. SILT FENCE AND GRAVEL DRAIN ARE NOT TO BE REMOVED UNTIL CONSTRUCTION IS COMPLETE AND GARDEN HAS BEEN FULLY RE-VEGETATED.

SILT FENCES

- FILTERS SILT FROM LOW TO MEDIUM FLOWS OF SURFACE WATER ON GENTLY SLOPING OR STEEP UNEVEN TERRAIN .
- CONSIST OF A FILTER FABRIC ('GEOTEXTILE FILLER') , ATTATCHED TO A STEEL WIRE OR CABLE , WHICH IS SUPPORTED ON 900mm LONG STEEL OR WOODEN POSTS AT 2.5-3m CENTRES .
- THE LOWER END OF THE FABRIC IS EMBEDDED INTO THE GROUND , AS SHOWN IN FIGURE 1 .
- GENERALLY FOLLOW THE CONTOURS OF THE LAND .

REMARKS			TITLE: STORMWATER AND SEDIMENT CONTROL DETAILS			GHA ENGINEERING CIVIL & STRUCTURAL CONSULTANTS			Project No.: 20211554SW-A		DRAWN BY: G. AZZI	
			<div>PROPOSED GRANNY FLAT 20 PLASTO STREET GREENACRE</div>			Mobile :04133 25 103 FAX: 98966524 589 b Merrylands Road Merrylands NSW 2160 GEORGE H. AZZI B.E. (CIVIL), MIEAust.			Scale: AS SHOWN		CLIENT	
JUNE 23	ISSUED FOR DA/CC	A									Drawing No.: 4/4	
Date	NOTE	REV.							Date: JUNE 23			

