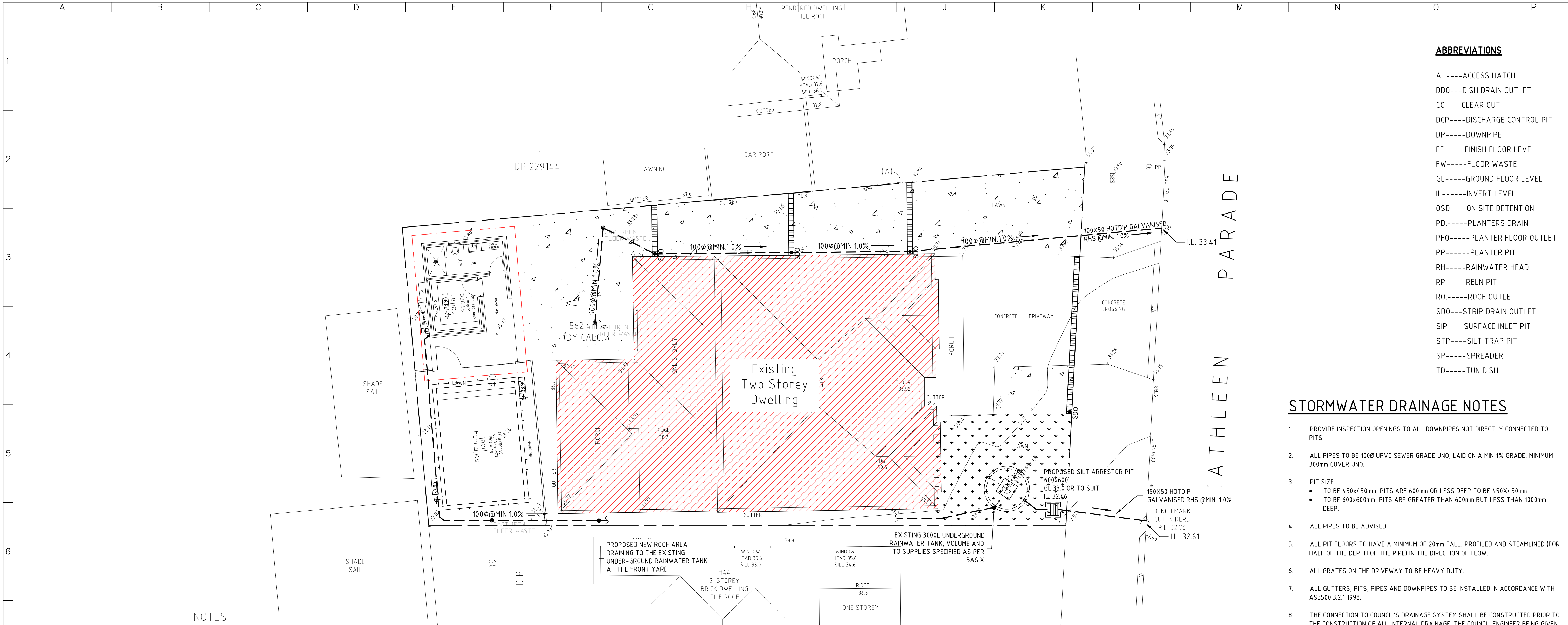




ABBREVIATIONS

- AH----ACCESS HATCH
DDO---DISH DRAIN OUTLET
CO----CLEAR OUT
DCP----DISCHARGE CONTROL PIT
DP-----DOWNPIPE
FFL----FINISH FLOOR LEVEL
FW-----FLOOR WASTE
GL-----GROUND FLOOR LEVEL
IL-----INVERT LEVEL
OSD----ON SITE DETENTION
PD-----PLANTERS DRAIN
PFO----PLANTER FLOOR OUTLET
PP-----PLANTER PIT
RH-----RAINWATER HEAD
RP-----RELN PIT
RO-----ROOF OUTLET
SDO---STRIP DRAIN OUTLET
SIP----SURFACE INLET PIT
STP----SILT TRAP PIT
SP-----SPREADER
TD-----TUN DISH

STORMWATER DRAINAGE NOTES

1. PROVIDE INSPECTION OPENINGS TO ALL DOWNPIPES NOT DIRECTLY CONNECTED TO PITS.
2. ALL PIPES TO BE 100Ø UPVC SEWER GRADE UNO, LAID ON A MIN 1% GRADE, MINIMUM 300mm COVER UNO.
3. PIT SIZE
 - TO BE 450x450mm, PITS ARE 600mm OR LESS DEEP TO BE 450x450mm.
 - TO BE 600x600mm, PITS ARE GREATER THAN 600mm BUT LESS THAN 1000mm DEEP.
4. ALL PIPES TO BE ADVISED.
5. ALL PIT FLOORS TO HAVE A MINIMUM OF 20mm FALL, PROFILED AND STEAMLINED (FOR HALF OF THE DEPTH OF THE PIPE) IN THE DIRECTION OF FLOW.
6. ALL GRATES ON THE DRIVEWAY TO BE HEAVY DUTY.
7. ALL GUTTERS, PITS, PIPES AND DOWNPIPES TO BE INSTALLED IN ACCORDANCE WITH AS3500.3.2.1 1998.
8. THE CONNECTION TO COUNCIL'S DRAINAGE SYSTEM SHALL BE CONSTRUCTED PRIOR TO THE CONSTRUCTION OF ALL INTERNAL DRAINAGE. THE COUNCIL ENGINEER BEING GIVEN 48 HOURS NOTICE PRIOR TO CONSTRUCTION.
9. DRIVEWAY BOUNDARY LEVELS MUST BE CONFIRMED PRIOR TO CONSTRUCTION.

RAINWATER REUSE NOTES:

1. EVERY FIXTURE SERVICED FROM THE RECYCLED WATER SUPPLY MUST BE NOTED WITH A PLAQUE FOR IDENTIFICATION AND MARKED WITH "NOT FOR HUMAN CONSUMPTION" OR "NON-POTABLE WATER".
2. OVERFLOW FROM RAINWATER TANK TO BE CONNECTED TO STORMWATER DRAINAGE SYSTEM.
3. ALL RECYCLE WATER PIPES TO BE COLOUR CODED FOR IDENTIFICATION.
4. WATER AUTHORITY MUST BE CONTACTED REGARDING RECYCLED WATER ON THE BUILDING AND FOR THE BACKFLOW PREVENTION REQUIREMENTS AND TOP-UP SYSTEM.
5. ANY GARDEN OR CARWASH TAPS CONNECTED RECYCLE SYSTEM MUST BE LOCATED 1.5m MIN. ABOVE THE SURFACE.
6. FOR PERIOD OF LOW WATER LEVEL IN THE RAINWATER TANK, A CONNECTION TO WATER MAIN IS NEEDED AND TO BE PROVIDED IN ACCORDANCE WITH THE WATER AUTHORITY.
7. PUMPS AND FILTERS ON OUTLETS FROM RECYCLE SYSTEM TO BE SUPPLIED AS MAY BE REQUIRED.

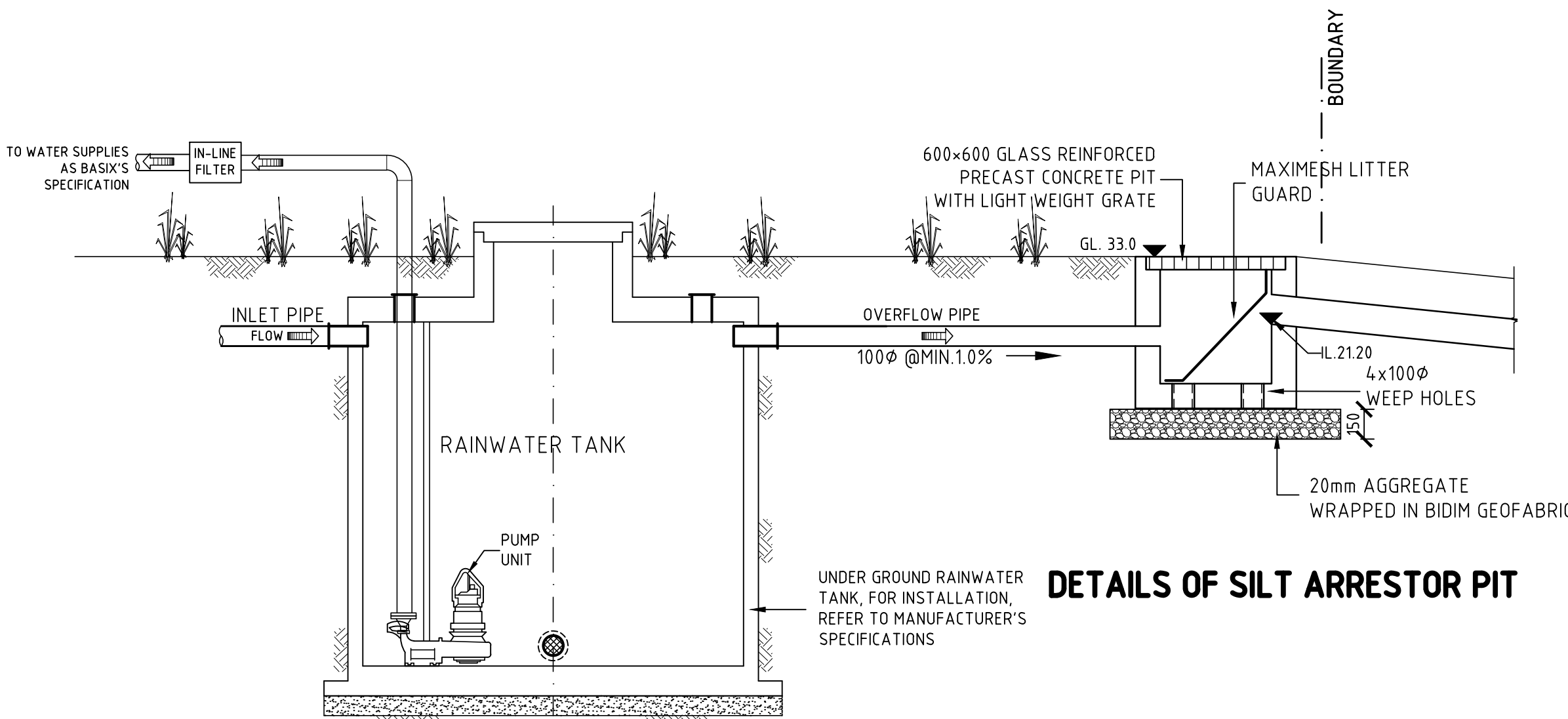


SITE AND GROUND FLOOR STORMWATER DRAINAGE CONCEPT PLAN

SCALE: 1:100

SITE INFORMATION

- TOTAL SITE AREA: 562.4m²
- POST-DEVELOPMENT IMPERVIOUS AREA: 523.95m² (DRIVEWAY, POOL, ROOF AREAS)
 - PRE-DEVELOPMENT IMPERVIOUS AREA: 292.12m²
 - POST-DEVELOPMENT IMPERVIOUS AREA: 231.83m²
- IMPERVIOUS AREA RATIO: 93.16 %



DETAIL OF RAINWATER TANK

DETAILS OF SILT ARRESTOR PIT

REV.	DATE	BY	CHECKED	AMENDMENTS
B	27 APR 23	M.W.	S.W.W.	AS CONSTRUCTED DRAWING
A	03 FEB 20	N.H.	S.W.W.	PRELIMINARY ISSUE

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JOB NAME
**PROPOSED ALTERATION AND ADDITIONS
AT 46 KATHLEEN PARADE
PICNIC POINT**

CLIENT, ARCHITECT
MR. & MRS LAI

DRAWING TITLE
**SITE AND GROUND FLOOR STORMWATER
DRAINAGE CONCEPT PLAN AND DETAILS**

No. in SET	JOB No	1667.20	DRG. No	REV
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SCALE	DESIGNED	DRAWN	DATE	No.
N.T.S.	S.W.W.	N.H.	FEB.2020	

APPROVED BY

STEVEN WATERS
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CIVIL AND STRUCTURAL

