

STORMWATER MANAGEMENT PLANS

6 SARIC AVE, GEORGES HALL

DA

SCHEDULE OF DRAWINGS

DRAWING No.	DESCRIPTION
SW00	COVER SHEET
SW01	STORMWATER PLAN SHEET 1
SW02	STORMWATER PLAN SHEET 2
SW03	STORMWATER PLAN SHEET 3
SW04	SEDIMENT & EROSION CONTROL PLAN



SITE LOCALCITY PLAN

NTS

GENERAL

- ALL WORK TO BE CARRIED OUT IN ACCORDANCE WITH THE LOCAL COUNCIL ENGINEERING SPECIFICATIONS.
- FINAL LOCATION OF NEW DOWNPIPES TO BE DETERMINED BY BUILDER/ARCHITECT AT TIME OF CONSTRUCTION.
- THESE DRAWINGS ARE TO BE READ IN CONJUNCTION WITH THE ARCHITECTS AND OTHER CONSULTANT DRAWINGS. ANY DISCREPANCIES MUST BE REFERRED TO THE ENGINEER BEFORE PROCEEDING.
- INSPECTIONS BY THE CERTIFIER AUTHORITY SHALL BE CARRIED OUT FOR ALL THE CIVIL WORKS PRIOR TO RELEASE OF THE HOLD POINTS INCLUDING THE FOLLOWING STAGES:
 - PRIOR TO INSTALLATION OF EROSION AND SEDIMENT CONTROL STRUCTURES
 - FINAL INSPECTION AFTER ALL WORKS ARE COMPLETED AND 'WORK AS EXECUTED' PLANS HAVE BEEN SUBMITTED TO COUNCIL
- MAKE SMOOTH JUNCTIONS WITH EXISTING WORKS.
- NO WORK TO BE CARRIED OUT ON COUNCIL PROPERTY OR ADJOINING PROPERTIES WITHOUT THE WRITTEN PERMISSION FROM THE OWNERS.
- VEHICULAR ACCESS AND ALL SERVICES TO BE MAINTAINED AT ALL TIMES TO ADJOINING PROPERTIES AFFECTED BY CONSTRUCTION.
- ALL RUBBISH, BUILDINGS, SHEDS AND FENCES TO BE REMOVED TO SATISFACTION OF COUNCIL'S ENGINEER.
- THE CONTRACTOR SHALL OBTAIN ALL LEVELS FROM ESTABLISHED BENCH MARKS ONLY.

WARNING

BEWARE OF UNDERGROUND SERVICES

The locations of underground services are approximate only and their exact position should be proven on site.
No guarantee is given that all existing services are shown.
Locate all underground services before commencement of works
DIAL 1100 BEFORE YOU DIG
www.1100.com.au

TABLE 7.1

MINIMUM PIPE COVER (from finished surface to top of pipe)

Location	millimetres	
	Cast iron, ductile iron, galvanized steel	Other authorized* products
	Minimum cover	
1 Not subject to vehicular loading:		
(a) without pavement—		
(i) for single dwellings	NH	100
(ii) for other than Item (i)	NH	300
(b) with pavement of brick or unreinforced concrete	NH†	50†
2 Subject to vehicular loading:		
(a) other than roads—		
(i) without pavement	300	450
(ii) with pavement of—		
(A) reinforced concrete for heavy vehicular loading	NH‡	100‡
(B) brick or unreinforced concrete for light vehicular loading	NH‡	75‡
(b) roads—		
(i) sealed	300	500‡
(ii) unsealed	300	500‡
3 Subject to construction equipment loading or in embankment conditions	300	500‡

* Includes overlay above the top of the pipe of not less than 50 mm thick.
† Below the underside of the pavement.
‡ Subject to compliance with AS 1762, AS 2033, AS/NZS 2566.1, AS 3725 or AS 4060.

AS3500.3

EXISTING UNDERGROUND SERVICES NOTES

CONTRACTORS SHALL TAKE DUE CARE WHEN EXCAVATING ONSITE INCLUDING HAND EXCAVATION WHERE NECESSARY.
CONTRACTORS ARE TO CONTACT THE RELEVANT SERVICE AUTHORITY PRIOR TO COMMENCEMENT OF EXCAVATION WORKS. CONTRACTORS ARE TO UNDERTAKE A SERVICES SEARCH, PRIOR TO COMMENCEMENT OF WORKS ON SITE. SEARCH RESULTS ARE TO BE KEPT ON SITE AT ALL TIMES.

SITWORKS NOTES

- ORIGIN OF LEVELS:- REFER SURVEY NOTES.
- CONTRACTOR MUST VERIFY ALL DIMENSIONS AND EXISTING LEVELS ON SITE PRIOR TO COMMENCEMENT OF WORK. A
- MAKE SMOOTH CONNECTION WITH EXISTING WORKS.
- ALL TRENCH BACKFILL MATERIAL SHALL BE COMPACTED TO THE SAME DENSITY AS THE ADJACENT MATERIAL.
- BASE AND SUB-BASE LAYERS ARE TO BE INSPECTED AND TESTED BY AN INDEPENDENT GEOTECHNICAL TESTING AUTHORITY TO LEVEL 1 RESPONSIBILITY AS DEFINED IN AS3798.
- ALL BASECOURSE MATERIAL SHALL BE IGNEOUS ROCK QUARRIED MATERIAL TO COMPLY WITH RMS FORM 3051, COMPACTED TO MINIMUM 98% MODIFIED DENSITY IN ACCORDANCE WITH AS 1289 5.2.1 FREQUENCY OF COMPACTION TESTING SHALL NOT BE LESS THAN 1 TEST PER 50m² OF BASECOURSE MATERIAL PLACED.
- ALL SUB-BASE COURSE MATERIAL SHALL BE IGNEOUS ROCK QUARRIED MATERIAL TO COMPLY WITH RMS FORM 3051, AND COMPACTED TO MINIMUM 95% MODIFIED DENSITY IN ACCORDANCE WITH AS 1289 5.2.1 FREQUENCY OF COMPACTION TESTING SHALL NOT BE LESS THAN 1 TEST PER 50m² OF SUB-BASE COURSE MATERIAL PLACED.
- SHOULD THE CONTRACTOR WISH TO USE A RECYCLED PRODUCT THIS SHALL BE CLEARLY INDICATED IN THEIR TENDER AND THE PRICE DIFFERENCE BETWEEN AN IGNEOUS PRODUCT AND A RECYCLED PRODUCT SHALL BE CLEARLY INDICATED.
- WHERE NOTED ON THE DRAWINGS THAT WORKS ARE TO BE CARRIED BY OTHERS, (eg. ADJUSTMENT OF SERVICES), THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CO-ORDINATION OF THESE WORKS.

MINIMUM GRADIENT OF SITE STORMWATER DRAINS

Nominal size	Minimum gradient		Nominal size	Minimum gradient	
	DN	NZ		DN	NZ
90	1:100	1:90	225	1:200	1:150
100	1:100	1:120	300	1:250	1:350
150	1:100	1:200	375	1:300	1:350

AS3500.3

MINIMUM INTERNAL DIMENSIONS FOR STORMWATER AND INLET PITS

Depth to invert of outlet	Minimum internal dimensions mm			
	Rectangular		Circular	
	Width	Length	Width	Diameter
≤600	450	450	600	
>600 ≤900	600	600	900	
>900 ≤1200	600	900	1 000	
> 1 200	900	900	1 000	

AS3500.3

GENERAL STORMWATER NOTES

- ALL PIPES ON DRAWINGS TO BE MIN 1% GRADE UNLESS NOTED OTHERWISE.
- ALL DOWNPIPES TO BE 100Ø PVC UNLESS NOTED OTHERWISE.
- PIPES 375 DIA. AND LARGER TO BE REINFORCED CONCRETE CLASS '2' APPROVED SPIGOT AND SOCKET WITH RUBBER RING JOINTS. U.N.O.
- PIPES 300 DIA AND LESS SHALL BE DWV GRADE (CLASS SN8) uPVC WITH SOLVENT WELDED JOINTS.
- EQUIVALENT STRENGTH FRC PIPES MAY BE USED.
- ALL PIPES ARE TO BE UNIFORMLY SUPPORTED ALONG THE LENGTH OF THE BARREL BY SUITABLE FILL MATERIAL. REFER TO BEDDING SUPPORT TYPE.
- PIPES WITH SOCKETS SHALL BE LAID IN BEDDING WHERE SUITABLE RECESSES HAVE BEEN PROVIDED TO ENSURE PIPES DO NOT BEAR ON THEIR SOCKETS.
- ALL STORMWATER DRAINAGE LINES UNDER PROPOSED BUILDING SLABS TO BE uPVC PRESSURE PIPE GRADE 6. ENSURE ALL VERTICALS AND DOWNPIPES ARE uPVC PRESSURE PIPE, GRADE 6 FOR A MIN OF 3.0m IN HEIGHT.
- PIPES TO BE INSTALLED TO TYPE HS1 SUPPORT IN ACCORDANCE WITH AS 3725 (2007) IN ALL CASES BACKFILL TRENCH WITH SAND TO 300mm ABOVE PIPE. WHERE PIPE IS UNDER PAVEMENTS BACKFILL REMAINDER OF TRENCH TO UNDERSIDE OF PAVEMENT WITH SAND OR APPROVED GRANULAR MATERIAL COMPACTED IN 150mm LAYERS TO MINIMUM 98% STANDARD MAXIMUM DRY DENSITY IN ACCORDANCE WITH AS 1289 5.2.1. (OR A DENSITY INDEX OF NOT LESS THAN 75).
- REFER TO AS/NRS 3725/2007 TABLE B1 FOR REQUIRED FILL DEPTHS ABOVE PIPE BARREL PRIOR TO USE OF COMPACTION MACHINERY OR TRAVERSING OF PIPES BY GENERAL SITE EQUIPMENT.
- WHERE WORKING METHODS REQUIRE HIGHER CLASS PIPE, THE CONTRACTOR SHALL REFER TO AS 3725 (2007) TO DETERMINE THE APPROPRIATE PIPE CLASS.
- ALL INTERNAL WORKS WITHIN PROPERTY BOUNDARIES ARE TO COMPLY WITH THE REQUIREMENTS OF AS 3500 3.1 (2018) AND AS/NZS 3500 3.2 (2018).
- ENLARGERS, CONNECTIONS AND JUNCTIONS TO BE PREFABRICATED FITTINGS WHERE PIPES ARE LESS THAN 300 DIA.
- WHERE SUBSOIL DRAINS PASS UNDER FLOOR SLABS AND VEHICULAR PAVEMENTS, UNSLOTTED uPVC SEWER GRADE PIPE IS TO BE USED.
- CARE IS TO BE TAKEN WITH LEVELS OF STORMWATER LINES. GRADES SHOWN ARE NOT TO BE REDUCED WITHOUT APPROVAL.
- GRATES AND COVERS SHALL CONFORM TO AS 3996.
- ALL BOX CULVERTS SHALL BE STRUCTURALLY DESIGNED BY THE MANUFACTURER AND DELIVERED TO SITE AS FIT FOR PURPOSE.
- AT ALL TIMES DURING CONSTRUCTION OF STORMWATER PITS, ADEQUATE SAFETY PROCEDURES SHALL BE TAKEN TO ENSURE AGAINST THE POSSIBILITY OF PERSONNEL FALLING DOWN PITS.
- ALL EXISTING STORMWATER DRAINAGE LINES AND PITS THAT ARE TO REMAIN ARE TO BE INSPECTED AND CLEANED. DURING THIS PROCESS ANY PART OF THE STORMWATER DRAINAGE SYSTEM THAT WARRANTS REPAIR SHALL BE REPORTED TO THE SUPERINTENDENT/ENGINEER FOR FURTHER DIRECTIONS.

FIRST FLOOR & ROOF NOTES

- INSTALL 50mm uPVC SPITTER PIPES 20mm ABOVE SURFACE LEVEL FOR BALCONY AND CONCRETE ROOF AREAS TO ALLOW FOR EMERGENCY OVERFLOW INCASE OF BLOCKAGES DURING HEAVY STORMS. PLUMBER TO CONFIRM LOCATION DURING CONSTRUCTION.
- ALL BUILDING AND HYDRAULIC SERVICES TO BE PROPERLY CO-ORDINATED WITH STORMWATER PIPES AND ENSURE NO CLASHES ARE PRESENT DURING CONSTRUCTION (TYP).
- STORMWATER PIPE ARRANGEMENT TO BE CO-ORDINATED WITH STRUCTURAL SLAB AND BEAMS WHERE REQUIRED (TYP).
- BALCONY, TERRACE & CONCRETE ROOF AREAS TO SLOPE TOWARDS RAINWATER OUTLETS WHERE REQUIRED (TYP).
- ARROW DENOTES THE SLOPE OF FINISHED SURFACE LEVEL (TYP).
- DOWNPIPES SHOWN ON PLAN ARE TO BE Ø100mm uPVC U.N.O. (TYP).
- PROPOSED DOWNPIPE LOCATIONS ARE NOMINAL AND TO BE CONFIRMED DURING CONSTRUCTION (TYP).
- INSTALL DOWNPIPE WITH SPREADER (IF REQUIRED) TO DISPERSE STORMWATER ONTO LOWER ROOF AREAS EFFECTIVELY.
- PROVIDE SURFACE DRAINAGE FOR ALL CONCRETE AND BALCONY ROOF AREAS WHERE REQUIRED.

CHARGED LINES

- ALL CHARGED LINES SHALL BE MIN. 100mm SEWER GRADE uPVC FROM CONNECTION POINT TO THE GUTTER INVERT LEVEL.
- ALL EXPOSED PIPEWORK SHALL BE PAINTED IN A COLOUR TO COMPLIMENT THE DEVELOPMENT AND TO PROTECT AGAINST ULTRA-VIOLET LIGHT DAMAGE FROM THE SUN.
- ALL JOINTS WITHIN THE CHARGED SYSTEM MUST BE SOLVENT WELDED AND PRESSURE TESTED IN ACCORDANCE WITH AS3500.3.
- CLEAR-OUT POINTS (IN ADDITION TO THOSE SHOWN ON PLAN) SHALL BE PROVIDED AT 20m INTERVALS AND AT CRITICAL BENDS WITHIN THE CHARGED SYSTEM.
- A MIN. 350x350 DRIBBLE PIT WITH A PIPE AND SCREW-CAP OR CLEANING EYE SHALL BE PROVIDED AT THE LOWEST POINT OF THE CHARGED SYSTEM. THE BASE OF THE PIT SHALL BE FITTED WITH WEEP HOLES WHICH DRAIN INTO AN AGGREGATE LAYER.

SURVEY

THE EXISTING SITE CONDITIONS SHOWN ON THE FOLLOWING DRAWINGS HAVE BEEN INVESTIGATED BY REGISTERED SURVEYORS. THE INFORMATION IS SHOWN TO PROVIDE A BASIS FOR DESIGN.

CANE CONSULTING DOES NOT GUARANTEE THE ACCURACY OR COMPLETENESS OF THE SURVEY BASE OR ITS SUITABILITY AS A BASIS FOR CONSTRUCTION OR DESIGN.

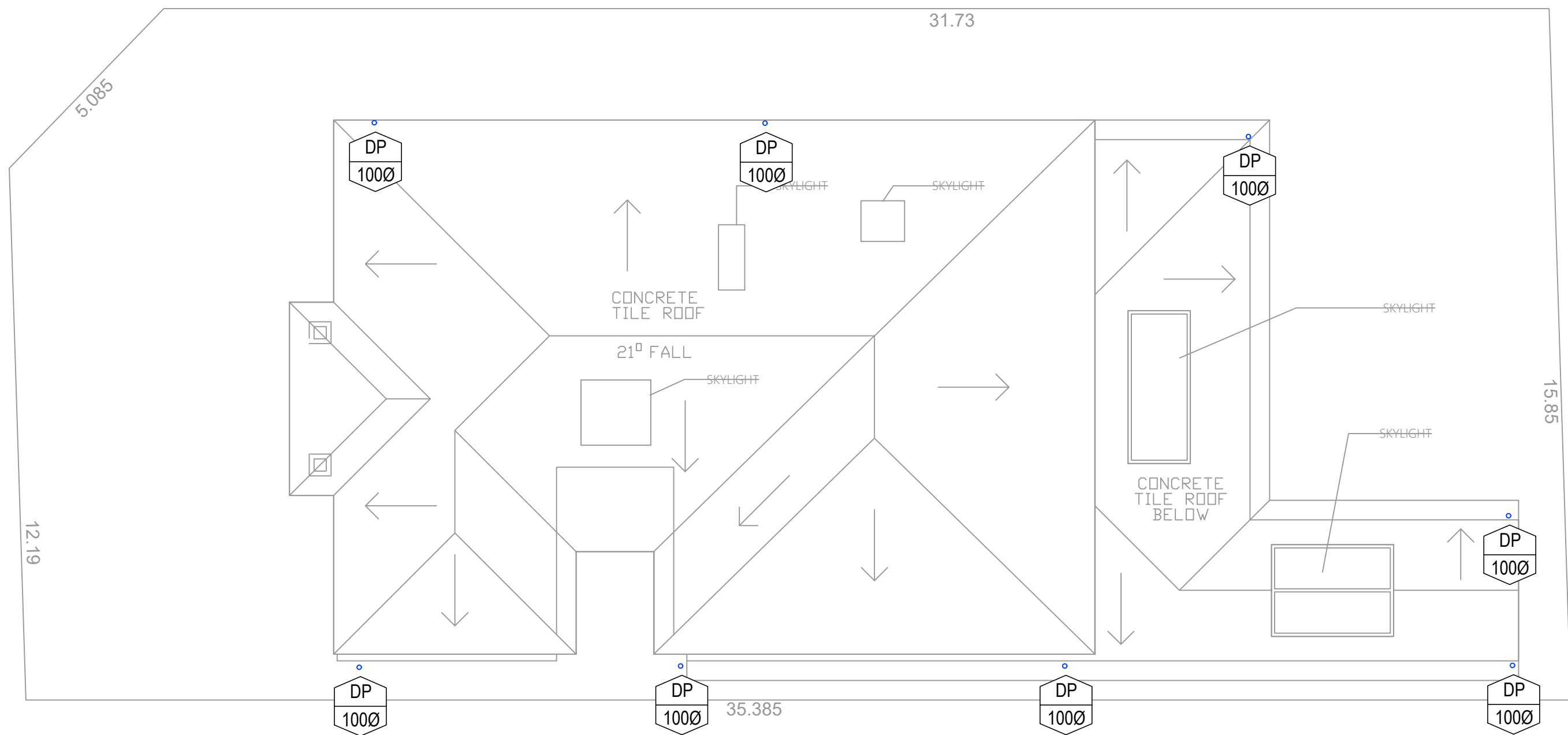
SHOULD DISCREPANCIES BE ENCOUNTERED DURING CONSTRUCTION BETWEEN THE SURVEY DATA AND ACTUAL FIELD DATA, CONTACT CANE CONSULTING.

1	ISSUED FOR DA	AE	05.05.2026	
REVISION	DESCRIPTION	ISSUED	DATE	



DRAWN BY	AE	PROJECT	6 SARIC AVE, GEORGES HALL	PROJECT NUMBER	26049	STATUS FOR APPROVAL	
DRAWN DATE	MAY'26					NOT TO BE USED FOR CONSTRUCTION PURPOSES	
COORDINATE SYSTEM	MGA-56	DRAWING TITLE	COVER SHEET	SHEET SIZE: A1		DRAWING NUMBER	SW00
HEIGHT DATUM	AHD						REV: 1

SARIC AVENUE



ROOF GUTTER TO BE STRATCO QUAD 150, 12,213mm² OR EQUIVALENT.

ROOF - STORMWATER PLAN
SCALE 1:100

LEGEND

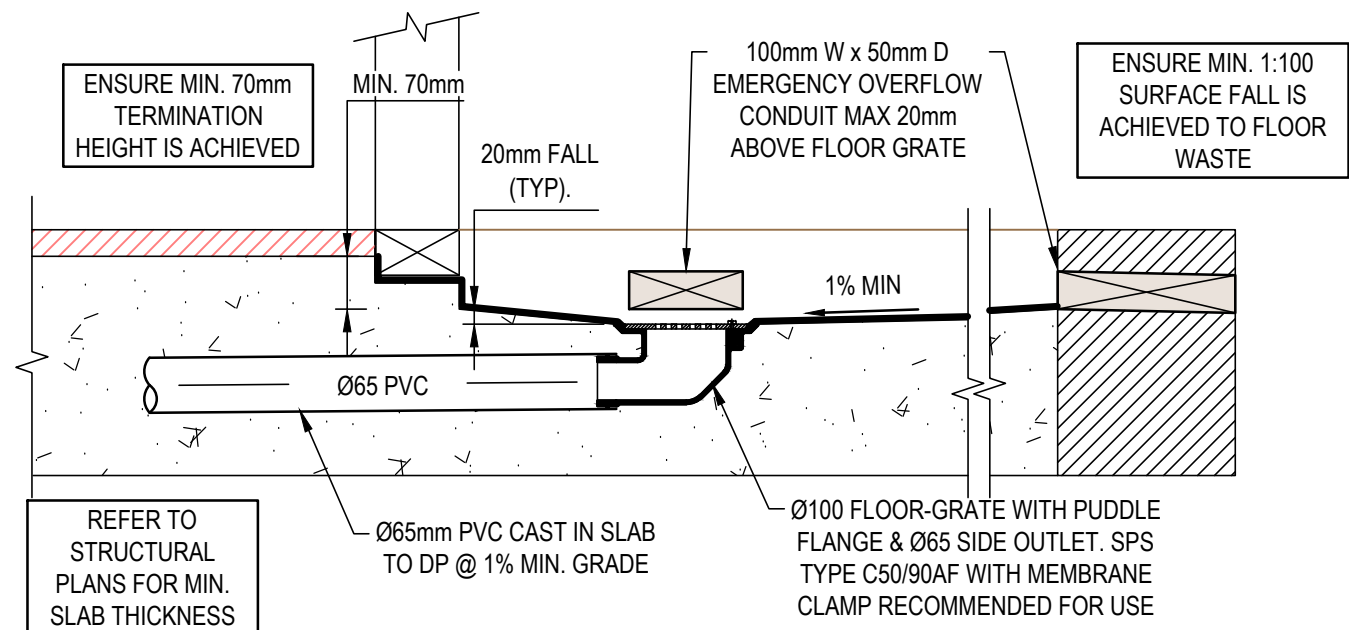
- ROOF DRAINAGE TO RWT (Ø100 UNO)
- GRAVITY PIPE (TO BE Ø100 @ 1% MIN UNO)
- IN SLAB/SUSPENDED PIPE (TO BE Ø65 @ 1% MIN UNO)
- EXISTING DRAINAGE PIPE (INDICATIVE ONLY)
- GRATED DRAIN
- DOWNPIPE SIZE
- DRAINAGE PIT
- I.R. INSPECTION RISER
- RWO RAINWATER OUTLET
- FD FLOOR DRAIN OUTLET
- PB PLANTER OUTLET
- Q/F OVERFLOW
- RL REDUCED LEVEL
- USIL UPSTREAM INVERT LEVEL
- DSIL DOWNSTREAM INVERT LEVEL

DESIGN SUMMARY

LOCAL COUNCIL:
CANTERBURY BANKSTOWN COUNCIL

OSD REQUIREMENT:
OSD IS NOT REQUIRED. IMPERVIOUS
AREA <75%

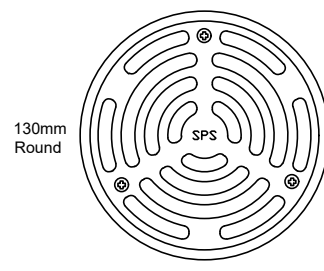
LEGAL POINT OF DISCHARGE:
DISCHARGE TO KERB AND GUTTER



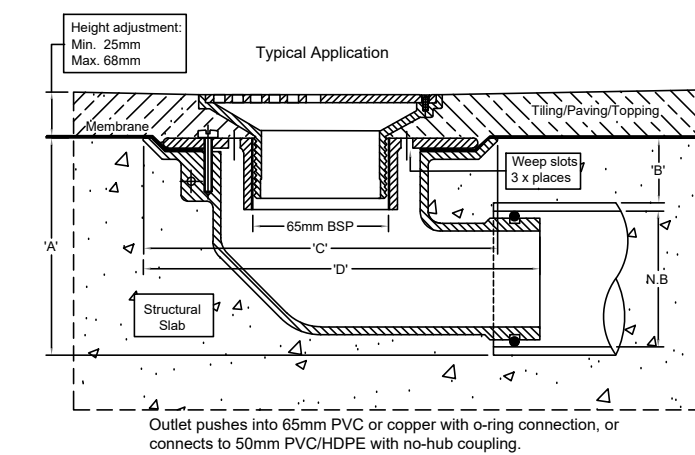
TYPICAL BALCONY FLOOR WASTE AND
OVERFLOW SECTION DETAIL
NTS

SPS 130mm Round Vari-Level Side Outlet Drain
65/50mm outlet

Specification code:
R130S4/C90 (polished 304 stainless steel, ABS lower body)
R130S/C90 (satin 316 stainless steel grate, ABS lower body)



- Round grate assembly available in polished 304 or satin 316 stainless steel.
- ABS 90° Body and Reversible Membrane Clamp. Color with female 65mm BSP thread.



N.B.	A	B	C	D
50	100	40	150	200
100	105	37	140	190

For floor use only please refer to separate.

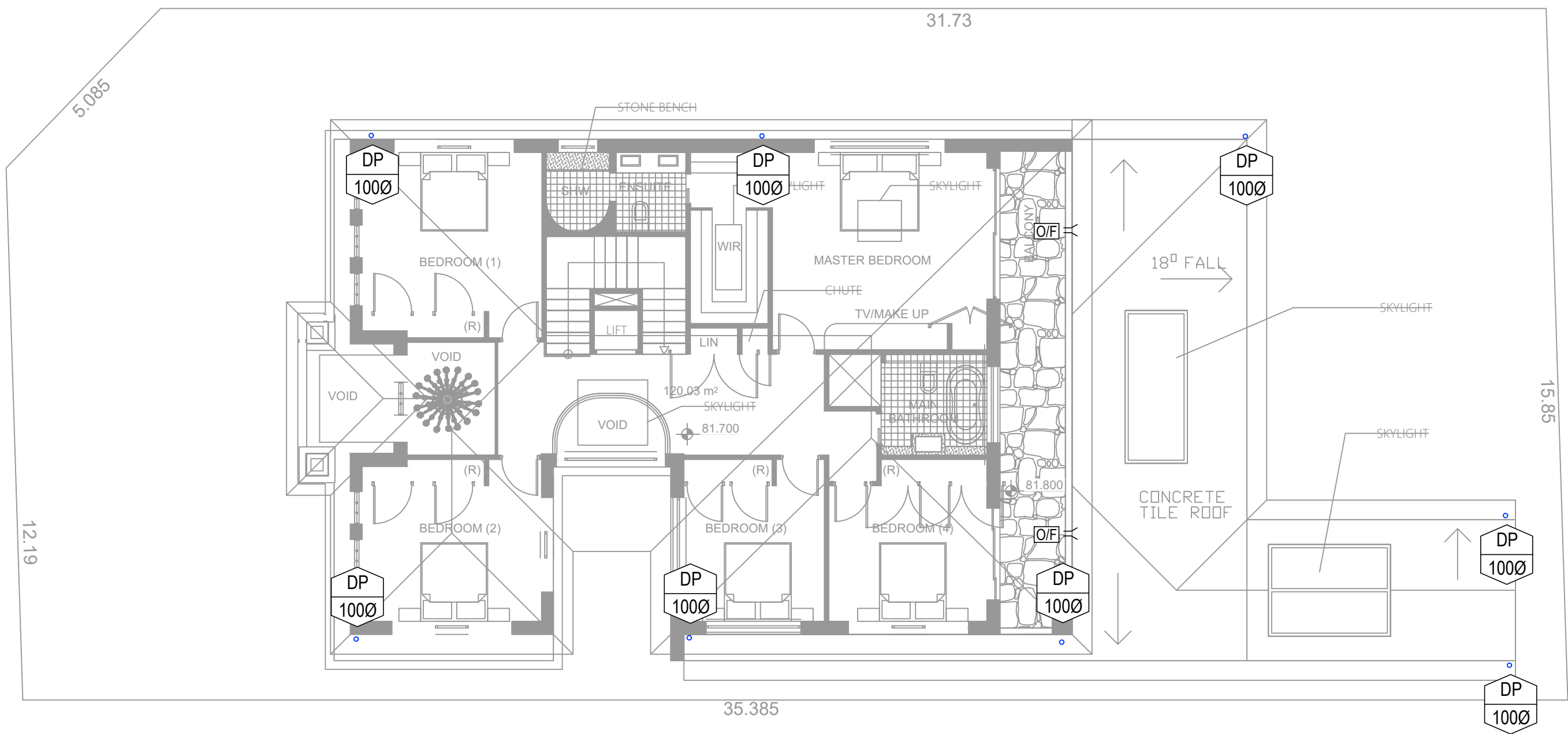
Speciality Plumbing Supplies Pty Ltd
Tel: (02) 9417 1900 Fax: (02) 9417 0108 E-mail: info@spdrains.com.au

FLOOR DRAIN (FD) DETAIL

NTS

4.03

SARIC AVENUE

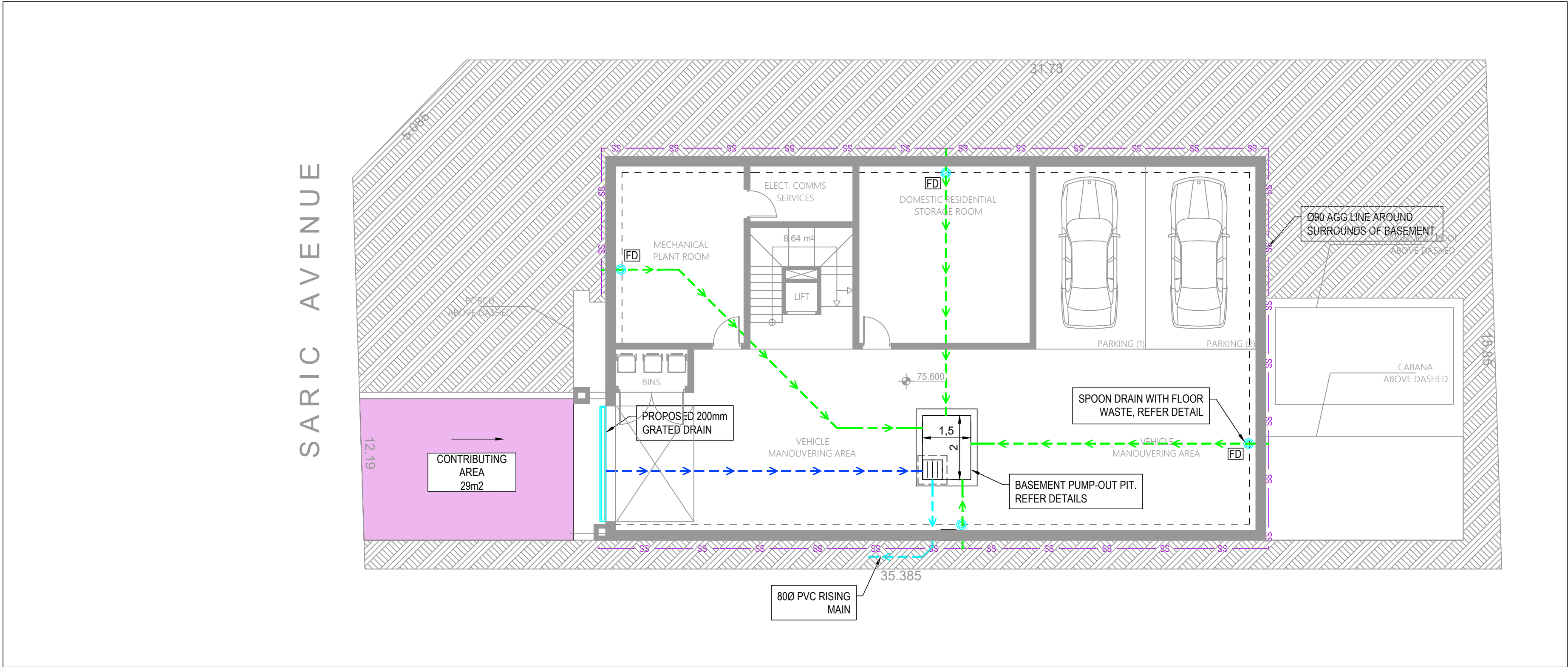


FIRST FLOOR - STORMWATER PLAN
SCALE 1:100

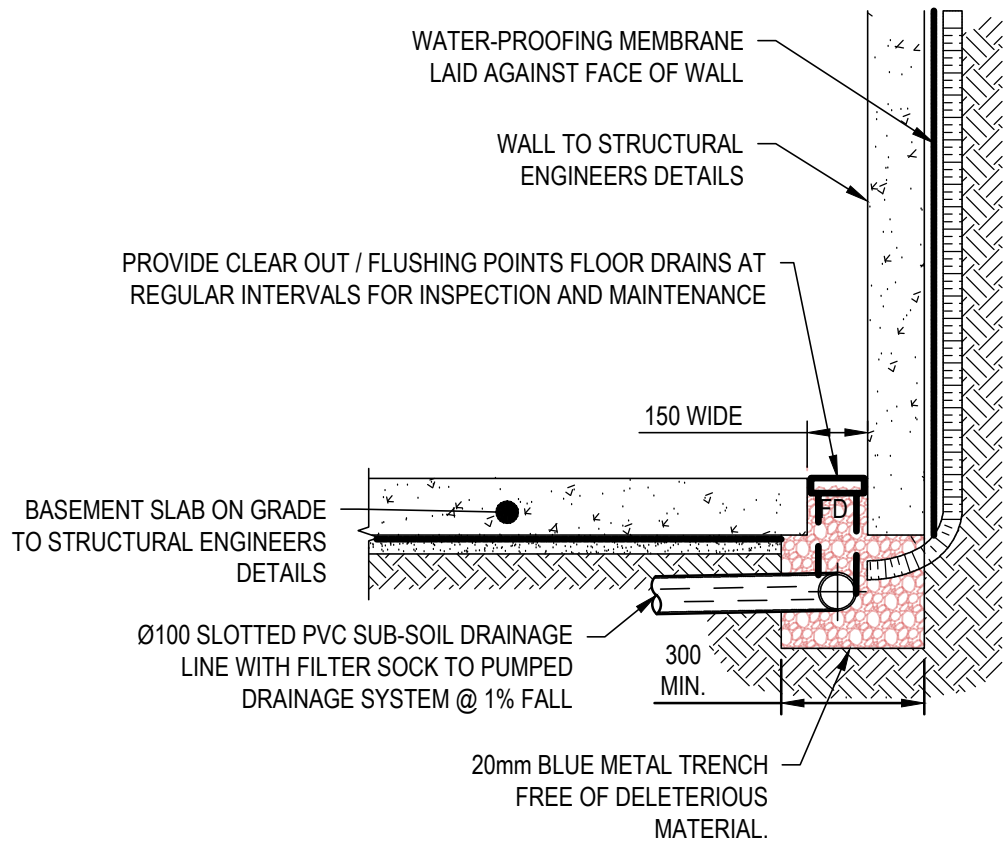
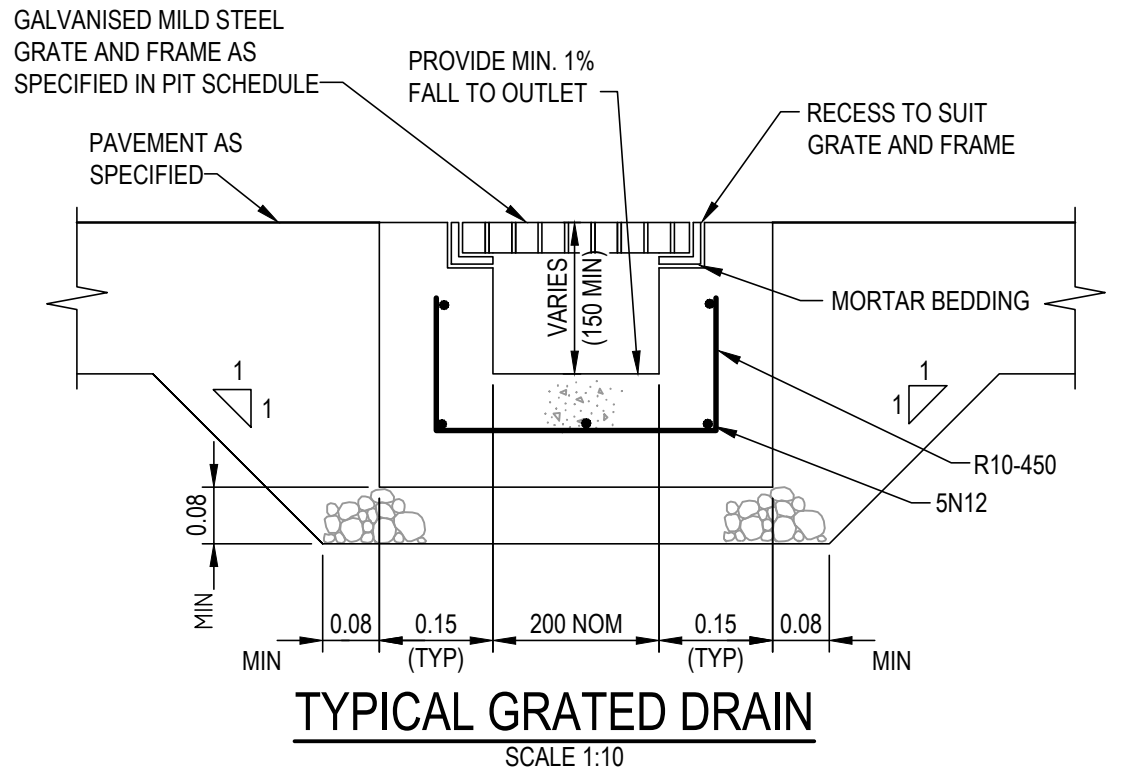
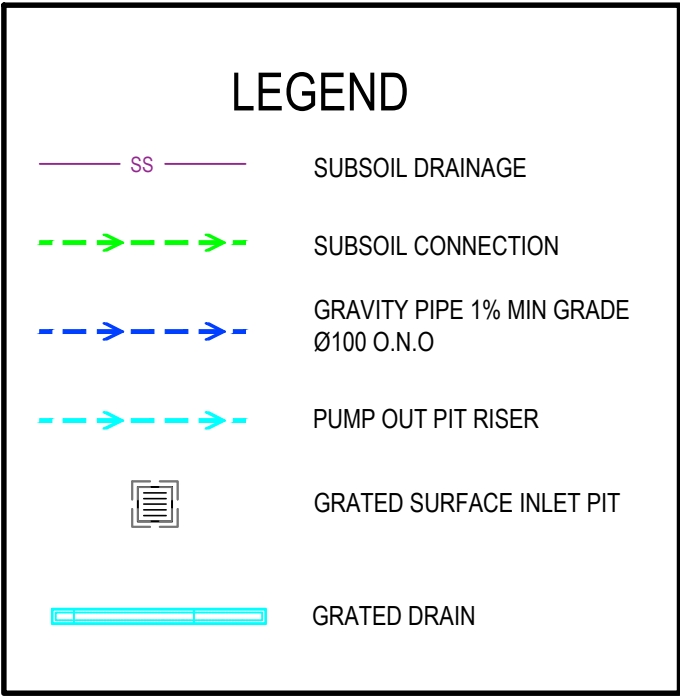
REVISION	DESCRIPTION	AE	ISSUED	DATE
1	ISSUED FOR DA	AE	05.05.2026	



DRAWN BY	AE	PROJECT	6 SARIC AVE, GEORGES HALL	PROJECT NUMBER	26049	STATUS	FOR APPROVAL
DRAWN DATE	MAY'26						NOT TO BE USED FOR CONSTRUCTION PURPOSES
COORDINATE SYSTEM	MGA-56	DRAWING TITLE	STORMWATER PLAN SHEET 1	SHEET SIZE: A1		DRAWING NUMBER	SW01
HEIGHT DATUM	AHD						REV: 1



GROUND - STORMWATER PLAN
SCALE 1:100



- NOTES:-
- ALL SUB-SOIL DRAINAGE LINES SHALL BE MIN Ø100 SLOTTED PVC OR AGRICULTURAL PIPE WITH FILTER FABRIC/STOCK
 - AGGREGATE TRENCH SHALL BE MIN. 300mm WIDE WITH 10-20mm BLUE METAL
 - DISCHARGE SUB-SOIL DRAINAGE LINES INTO STORMWATER PITS AT 10m C-C MAXIMUM INTERVALS (WHERE PRACTICAL)
 - CLEAR-OUT POINTS TO BE PROVIDED FOR FLUSHING OF SUB-SOIL LINE AT HIGH END, INTERMEDIATE POINTS AND ALL CHANGES IN DIRECTION
 - REFER TO STRUCTURAL ENGINEERS DETAILS FOR SPACING OF VERTICAL STRIP DRAINS BEHIND BASEMENT WALL

STANDARD PUMP OUT DESIGN NOTES
THE PUMP OUT SYSTEM SHALL BE DESIGNED TO BE OPERATED IN THE FOLLOWING MANNER:-

- > THE PUMPS SHALL BE PROGRAMMED TO WORK ALTERNATIVELY SO AS TO ALLOW BOTH PUMPS TO HAVE AN EQUAL OPERATION LOAD AND PUMP LIFE.
- > A LOW LEVEL FLOAT SHALL BE PROVIDED TO ENSURE THAT THE MINIMUM REQUIRED WATER LEVEL IS MAINTAINED WITHIN THE SUMP AREA OF THE BELOW GROUND TANK. IN THIS REGARD THIS FLOAT WILL FUNCTION AS AN OFF SWITCH FOR THE PUMPS.
- > A SECOND FLOAT SHALL BE PROVIDED AT A HIGHER LEVEL, APPROXIMATELY 300mm ABOVE THE MINIMUM WATER LEVEL, WHEREBY ONE OF THE PUMPS WILL OPERATE AND DRAIN THE TANK TO THE LEVEL OF THE LOW-LEVEL FLOAT.
- > A THIRD FLOAT SHALL BE PROVIDED AT A HIGH LEVEL, WHICH IS APPROXIMATELY THE ROOF LEVEL OF THE BELOW GROUND TANK. THIS FLOAT SHOULD START THE OTHER PUMP THAT IS NOT OPERATING AND ACTIVATE THE ALARM.
- > AN ALARM SYSTEM SHALL BE PROVIDED WITH A FLASHING STROBE LIGHT AND A PUMP FAILURE WARNING SIGN WHICH ARE TO BE LOCATED AT THE DRIVEWAY ENTRANCE TO THE BASEMENT LEVEL. THE ALARM SYSTEM SHALL BE PROVIDED WITH A BATTERY

BASEMENT PUMP OUT PIT SIZING (AS3500.3)

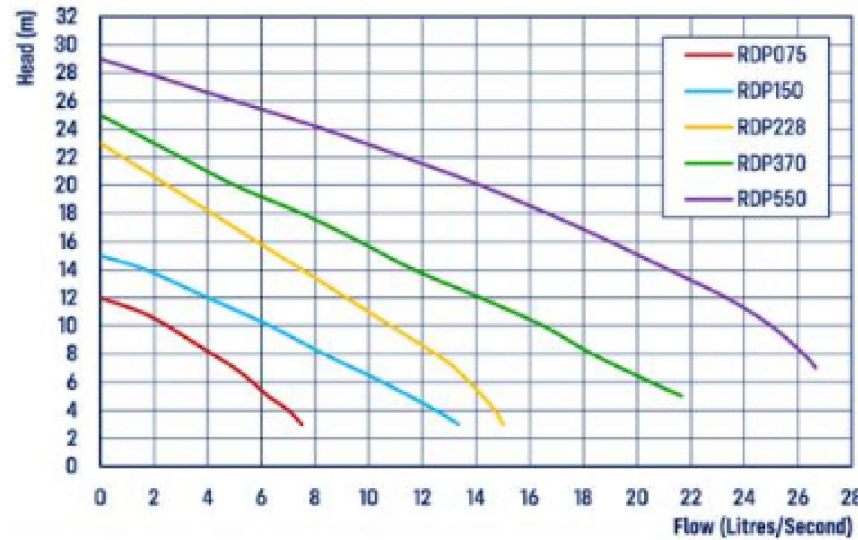
WET WELL STORAGE FROM CONTRIBUTING CATCHMENT CALCULATION:

Area contributing overland to basement (A₁) = 29 m²
Area contributing to basement (subsoil water) (A₂) = 0 m²
Total area contributing (A) = 29 m²
100 year ARI for 2 (T) hrs duration (I) = 34.4 mm/hr
Coeff. of runoff (C) = 1
Flow rate per sq m (Q) = I * C = 34.4 L/h/m²
Total vol for (T) hrs storm (V₁) = ((Q/1000)*T*A = 1.99 m³ (3m³ MIN AS PER AS3500)

WET WELL VOLUME (COMBINED EFFECTIVE STORAGE):

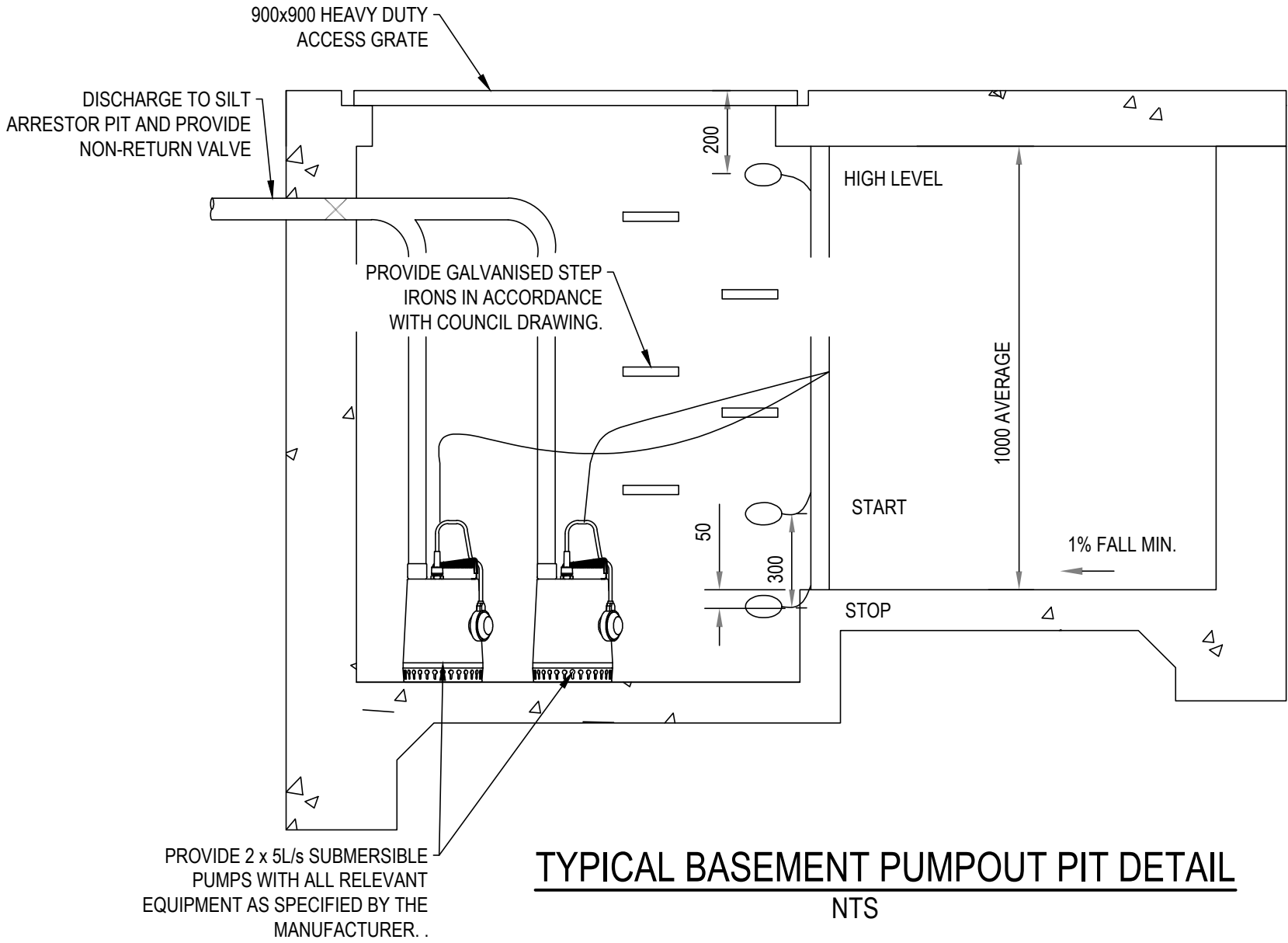
Area contributing overland to basement (A) = 29 m²
Combined effective storage = 3 m³ (As per above)
Capacity of pump (P) = 10.0 L/s (AS3500.3 Min pump capacity)
Pump capacity over 30min (P30)= P*30min*60/1000 = 18 m³
Volume of wet well required = V₁+P30 = -15,
Therefore pump capacity is larger then runoff (V) = 3m³ MIN AS PER AS3500

RECOMMENDED PUMP: DUAL REEFE RDP150 PUMPS WITH 80mm PVC OUTLETS OR EQUIVALENT. ENSURE PIPE CAPACITY IS 10LS MINIMUM



PUMP PERFORMANCE CURVE

CODE	MODEL	OPERATION	POWER				MAXIMUM		SOLIDS HANDLING (MM)	CABLE LENGTH (M)	OUTLET		WEIGHT (KG)	SIZE L X W X H (MM)
			VOLTS	AMPS	P1 (kW)	P2 (kW)	FLOW (L/SEC)	HEAD (M)			MM	IN		
7457	RDP075	Auto	240	5.5	1.4	0.75	7.5	12	10	10	50	2"	20	260x170x390
22030	RDP075M	Manual	240	5.5	1.4	0.75	7.5	12	10	10	50	2"	20	260x170x390
7464	RDP150	Auto	240	11.1	1.9	1.5	13.3	15	20	10	80	3"	35	363x202x571
7471	RDP150-3	Manual	415	3.4	1.9	1.5	13.3	15	20	10	80	3"	35	363x202x571
7679	RDP228	Manual	415	4.4	2.89	2.2	15	23	30	10	80	3"	49	280x216x493
7686	RDP370	Manual	415	7.8	4.35	3.7	23.3	25	35	10	100	4"	55	438x236x700
7693	RDP550	Manual	415	11.8	6.1	5.5	26.6	29	35	10	80	3"	80	597x307x723
22344	Guidetail Kit Pedestal SH80 suits 3" / 80mm outlet (RDP150 & RDP228)													



PUMP OUT TANK SIZE
AVERAGE HEIGHT = 1.00 m
WIDTH = 1.50 m
LENGTH = 2.00 m
VOLUME PROVIDED ≈ 3.0m³



CONFINED SPACE SIGN
A CONFINED SPACE DANGER SIGN SHALL BE PROVIDED AT EACH ACCESS GRATE OF THE BELOW GROUND DETENTION TANK

1	ISSUED FOR DA	AE	05.05.2026
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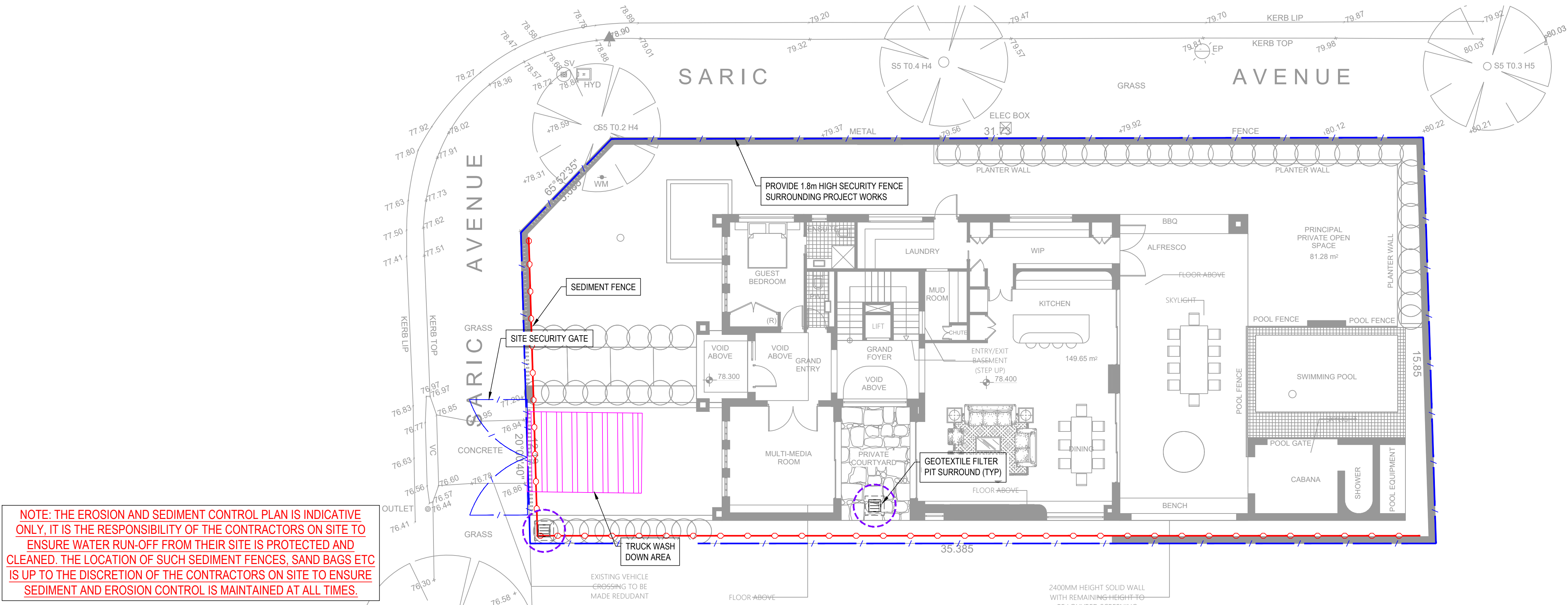


DRAWN BY	AE
DRAWN DATE	MAY '26
COORDINATE SYSTEM	MGA-56
HEIGHT DATUM	AHD

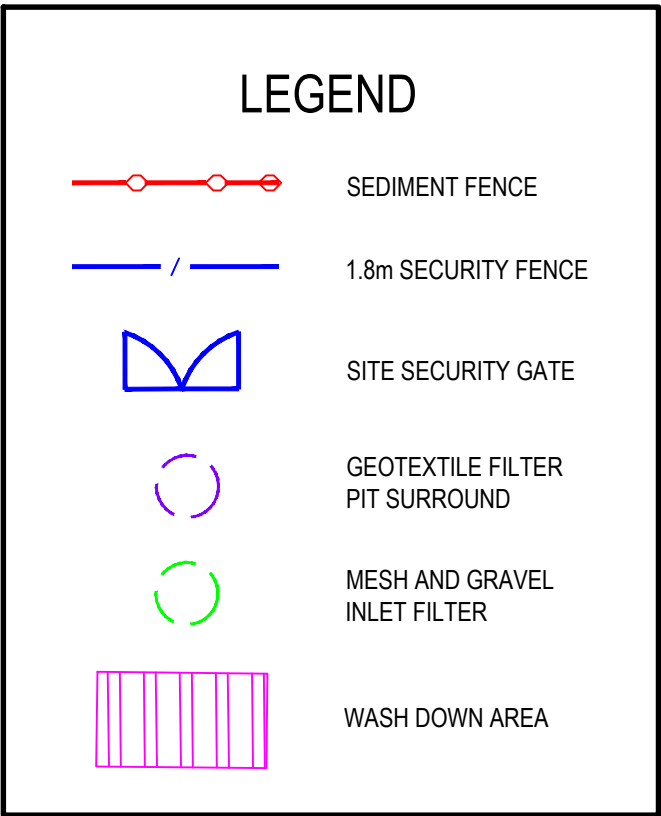
PROJECT	6 SARIC AVE, GEORGES HALL
DRAWING TITLE	STORMWATER PLAN SHEET 3

PROJECT NUMBER	26049
SHEET SIZE: A1	

STATUS	FOR APPROVAL
NOT TO BE USED FOR CONSTRUCTION PURPOSES	
DRAWING NUMBER	SW03
REV: 1	



NOTE: THE EROSION AND SEDIMENT CONTROL PLAN IS INDICATIVE ONLY, IT IS THE RESPONSIBILITY OF THE CONTRACTORS ON SITE TO ENSURE WATER RUN-OFF FROM THEIR SITE IS PROTECTED AND CLEANED. THE LOCATION OF SUCH SEDIMENT FENCES, SAND BAGS ETC IS UP TO THE DISCRETION OF THE CONTRACTORS ON SITE TO ENSURE SEDIMENT AND EROSION CONTROL IS MAINTAINED AT ALL TIMES.



SEDIMENT & EROSION PLAN
SCALE 1:100

SEDIMENT AND EROSION CONTROL NOTES

GENERAL INSTRUCTION

- THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE CONTROL OF EROSION AND SEDIMENTATION TO THE SATISFACTION OF COUNCIL. NSW OFFICE OF WATER, OFFICE OF ENVIRONMENT AND HERITAGE. THE EROSION AND SEDIMENTATION CONTROLS SHOWN ON THE DRAWINGS SHALL ONLY BE USED AS A GUIDE BY THE CONTRACTOR, AND SHALL REPRESENT THE MINIMUM REQUIREMENT ONLY.
- THE CONTRACTOR SHALL ENSURE THAT ALL SOIL AND WATER MANAGEMENT WORKS ARE LOCATED AS DOCUMENTED OR AS OTHERWISE DIRECTED BY THE SUPERINTENDENT. ALL WORK SHALL BE GENERALLY CARRIED OUT IN ACCORDANCE WITH
 - LOCAL AUTHORITY REQUIREMENTS
 - EPA REQUIREMENTS
 - NSW DEPARTMENT OF HOUSING MANUAL "MANAGING URBAN STORMWATER, SOILS AND CONSTRUCTION", 4th EDITION, MARCH 2004.
- MAINTAIN THE EROSION CONTROL DEVICES TO THE SATISFACTION OF THE SUPERINTENDENT AND THE LOCAL AUTHORITY.
- WHEN STORMWATER PITS ARE CONSTRUCTED, PREVENT SITE RUNOFF ENTERING UNLESS SEDIMENT FENCES ARE ERECTED AROUND PITS.
- CONTRACTOR IS TO ENSURE ALL EROSION & SEDIMENT CONTROL DEVICES ARE MAINTAINED IN GOOD WORKING ORDER AND OPERATE EFFECTIVELY. REPAIRS AND OR MAINTENANCE SHALL BE UNDERTAKEN AS REQUIRED, PARTICULARLY FOLLOWING STORM EVENTS.

LAND DISTURBANCE

- WHERE PRACTICAL, THE SOIL EROSION HAZARD ON THE SITE WILL BE KEPT AS LOW AS POSSIBLE. TO THIS END, WORKS SHOULD BE UNDERTAKEN IN THE FOLLOWING SEQUENCE:

- INSTALL A SEDIMENT FENCE ALONG THE BOUNDARIES AS SHOWN ON PLAN. REFER DETAIL.
- CONSTRUCT STABILISED CONSTRUCTION ENTRANCE TO LOCATION AS DETERMINED BY SUPERINTENDENT/ENGINEER. REFER DETAIL.
- UNDERTAKE SITE DEVELOPMENT WORKS IN ACCORDANCE WITH THE ENGINEERING PLANS. WHERE POSSIBLE, PHASE DEVELOPMENT SO THAT LAND DISTURBANCE IS CONFINED TO AREAS OF WORKABLE SIZE.

EROSION CONTROL

- DURING WINDY WEATHER, LARGE, UNPROTECTED AREAS WILL BE KEPT MOIST (NOT WET) BY SPRINKLING WITH WATER TO KEEP DUST UNDER CONTROL.

- FINAL SITE LANDSCAPING WILL BE UNDERTAKEN AS SOON AS POSSIBLE AND WITHIN 20 WORKING DAYS FROM COMPLETION OF CONSTRUCTION ACTIVITIES.

SEDIMENT CONTROL

- STOCKPILES WILL NOT BE LOCATED WITHIN 2 METRES OF HAZARD AREAS, INCLUDING LIKELY AREAS OF CONCENTRATED OR HIGH VELOCITY FLOWS SUCH AS WATERWAYS. WHERE THEY ARE BETWEEN 2 AND 5 METRES FROM SUCH AREAS, SPECIAL SEDIMENT CONTROL MEASURES SHOULD BE TAKEN TO MINIMISE POSSIBLE POLLUTION TO DOWNSLOPE WATERS, E.G. THROUGH INSTALLATION OF SEDIMENT FENCING.
- ANY SAND USED IN THE CONCRETE CURING PROCESS (SPREAD OVER THE SURFACE) WILL BE REMOVED AS SOON AS POSSIBLE AND WITHIN 10 WORKING DAYS FROM PLACEMENT.
- WATER WILL BE PREVENTED FROM ENTERING THE PERMANENT DRAINAGE SYSTEM UNLESS IT IS RELATIVELY SEDIMENT FREE, I.E. THE CATCHMENT AREA HAS BEEN PERMANENTLY LANDSCAPED AND/OR ANY LIKELY SEDIMENT HAS BEEN FILTERED THROUGH AN APPROVED

STRUCTURE.

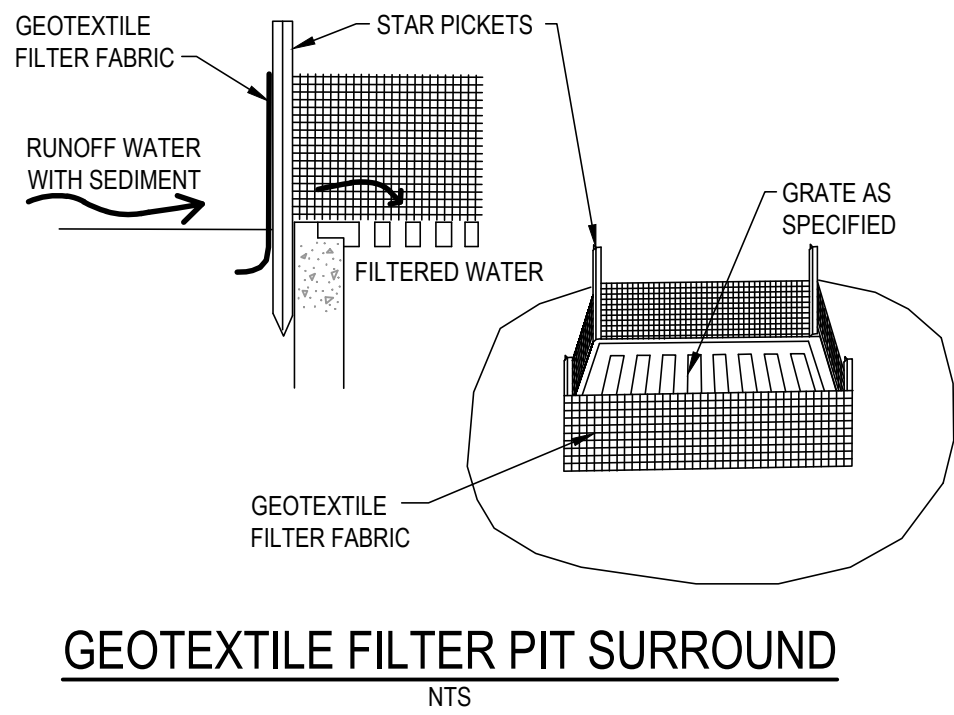
- TEMPORARY SOIL AND WATER MANAGEMENT STRUCTURES WILL BE REMOVED ONLY AFTER THE LANDS THEY ARE PROTECTING ARE REHABILITATED.

- ACCEPTABLE RECEPTORS WILL BE PROVIDED FOR CONCRETE AND MORTAR SLURRIES, PAINTS, ACID WASHINGS, LIGHT-WEIGHT WASTE MATERIALS AND LITTER.

- ANY EXISTING TREES WHICH FORM PART OF THE FINAL LANDSCAPING PLAN WILL BE PROTECTED FROM CONSTRUCTION ACTIVITIES BY:

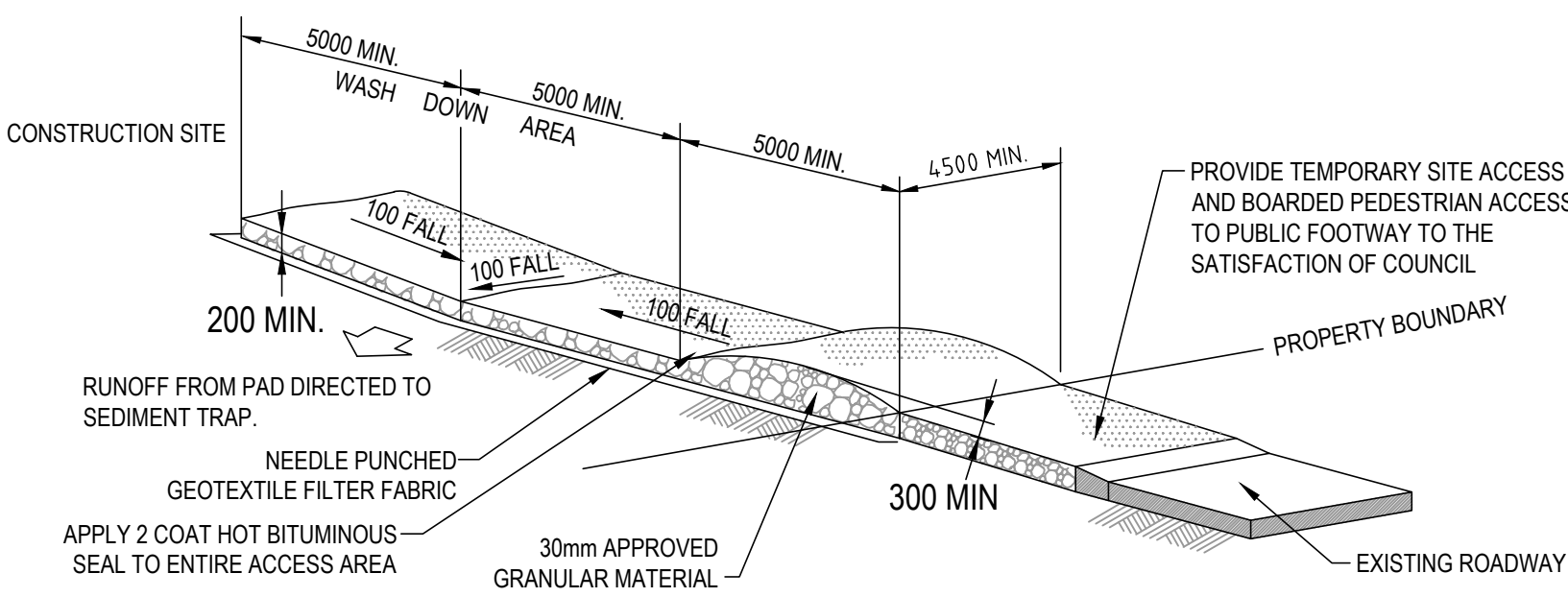
OTHER MATTERS

- PROTECTING THEM WITH BARRIER FENCING OR SIMILAR MATERIALS
- ENSURING THAT NOTHING IS NAILED TO THEM
- PROHIBITING PAVING, GRADING, SEDIMENT WASH OR PLACING OF STOCKPILES WITHIN THE DRIP LINE EXCEPT UNDER THE FOLLOWING CONDITIONS.
 - ENCROACHMENT ONLY OCCURS ON ONE SIDE AND NO CLOSER TO THE TRUNK THAN EITHER 1.5 METRES OR HALF THE DISTANCE BETWEEN THE OUTER EDGE OF THE DRIP LINE AND THE TRUNK, WHICHEVER IS THE GREATER
 - A DRAINAGE SYSTEM THAT ALLOWS AIR AND WATER TO CIRCULATE THROUGH THE ROOT ZONE (E.G. A GRAVEL BED) IS PLACED UNDER ALL FILL LAYERS OF MORE THAN 300 MILLIMETRES DEPTH
 - CARE IS TAKEN NOT TO CUT ROOTS UNNECESSARILY NOR TO COMPACT THE SOIL AROUND THEM.



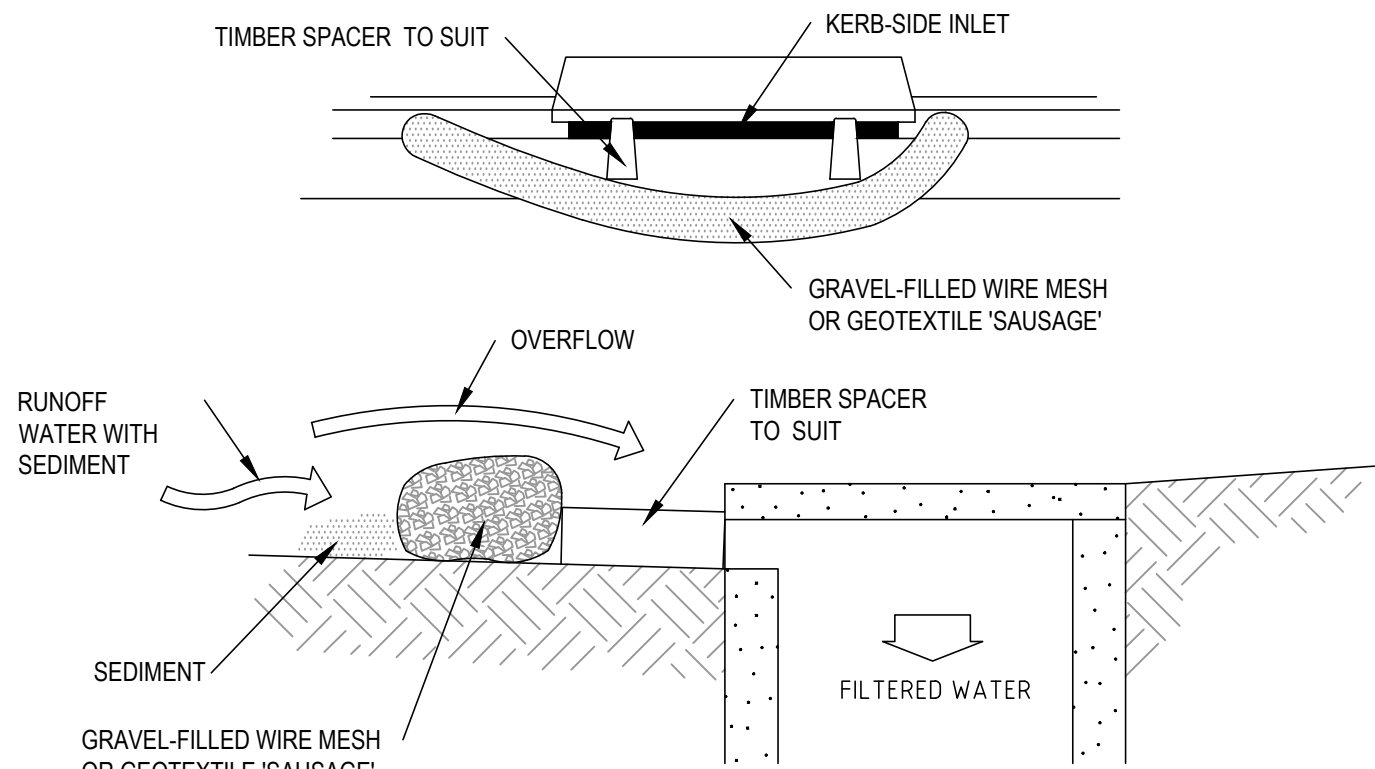
GEOTEXTILE FILTER PIT SURROUND

NTS



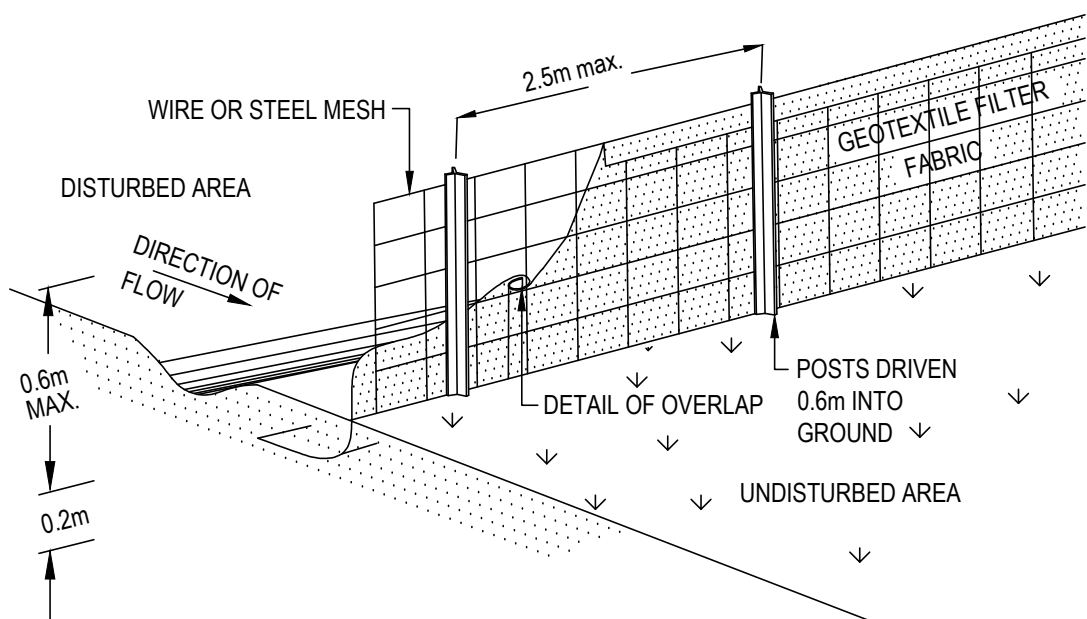
STABILISED SITE ACCESS AND TRUCK WASH DOWN AREA

NTS



MESH AND GRAVEL INLET FILTER

NTS



SEDIMENT FENCE

NTS

1	ISSUED FOR DA	AE	05.05.2026		
REVISION	DESCRIPTION	ISSUED	DATE		



DRAWN BY	AE	PROJECT	6 SARIC AVE, GEORGES HALL	PROJECT NUMBER	26049	STATUS	FOR APPROVAL
DRAWN DATE	MAY '26						NOT TO BE USED FOR CONSTRUCTION PURPOSES
COORDINATE SYSTEM	MGA-56	DRAWING TITLE	SEDIMENT AND EROSION CONTROL PLAN	SHEET SIZE: A1		DRAWING NUMBER	SW04
HEIGHT DATUM	AHD						REV: 1