STORMWATER MANAGEMENT 41 FERGUSON STREET, FORESTVILLE DEVELOPMENT APPLICATION

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	STORMWATER DETAILS						
SW05	SEDIMENT AND EROSION CONTROL PLAN						



SITE LOCALITY PLAN

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 REFEREED TO THE ENGINEER BEFORE
- INSPECTIONS BY THE CERTIFIEING AUTHORITY SHALL BE CARRIED OUT FOR ALL THE CIVIL WORKS PRIOR TO RELEASE OF THE HOLD POINTS INCLUDING THE FOLLOWING STAGES: 4.1. PRIOR TO INSTALLATION OF EROSION AND SEDIMENT CONTROL
- 4.2. FINAL INSPECTION AFTER ALL WORKS ARE COMPLETED AND 'WORK AS EXECUTED' PLANS HAVE BEEN SUBMITTED TO COUNCIL
- MAKE SMOOTH JUNCTIONS WITH EXISTING WORKS.

SATISFACTION OF COUNCIL'S ENGINEER.

- NO WORK TO BE CARRIED OUT ON COUNCIL PROPERTY OR ADJOINING PROPERTIES WITHOUT THE WRITTEN PERMISSION FROM THE
- 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
- 9. 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**

TABLE 7.1 MINIMUM PIPE COVER (from finished surface to top of pipe)

				Location	Cast iron, ductile iron, galvanized steel	Other authorized products
					Minimun	1 cover
1	Not	subje	ct to v	rehicular loading:		
(a)	with	out p a	vement—		
		(i)	for si	ngle dwellings	Nil	100
		(ii)	for of	ther than Item (i)	Nil	300
(b)	with conc		nent of brick or unreinforced	Nil†	50†
2 8	Subje	ect to	vehic	ular loading:		
(a)	other	than	roads—		
		(i)	witho	out pavement	300	450
		(ii)	with	pavement of-		
			(A)	reinforced concrete for heavy vehicular loading	Nil†‡	100†‡
			(B)	brick or unreinforced concrete for light vehicular loading	Nil†‡	75†‡
(b)	roads	s—			
		(i)	seale	d	300	500‡
		(ii)	unsea	led	300	500‡
3				struction equipment loading or at conditions	300	500‡

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.

SITEWORKS NOTES

1. ORIGIN OF LEVELS:- REFER SURVEY NOTES.

2. CONTRACTOR MUST VERIFY ALL DIMENSIONS AND EXISTING LEVELS ON SITE PRIOR TO COMMENCEMENT OF WORK. A

B. MAKE SMOOTH CONNECTION WITH EXISTING WORKS.

4. ALL TRENCH BACKFILL MATERIAL SHALL BE COMPACTED TO THE SAME DENSITY AS THE ADJACENT MATERIAL.

5. 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.

6. 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 50m³ OF BASECOURSE MATERIAL PLACED.

7. 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 A.S 1289 5.2.1 FREQUENCY OF COMPACTION TESTING SHALL NOT BE LESS THAN 1 TEST PER 50m3 OF SUB-BASE COURSE MATERIAL PLACED.

8. 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.

9. WHERE NOTED ON THE DRAWINGS THAT WORKS ARE TO BE CARRIED BY OTHERS, (eq. ADJUSTMENT OF SERVICES), THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CO-ORDINATION OF THESE WORKS.

MINIMUM GRADIENT OF SITE STORMWATER DRAINS

Aust.

1:250

1:350

1:350

50	1:	100	1:200	375	1:3
			<u>AS35</u> (00.3	
N		DIMENS ND INLET	IONS FOR		
-			Minimu	ım internal	dimensions
	Depth	to invert		mm	
		to invert		mm ingular	Circular
					Circular Diameter
_			Recta	ingular	

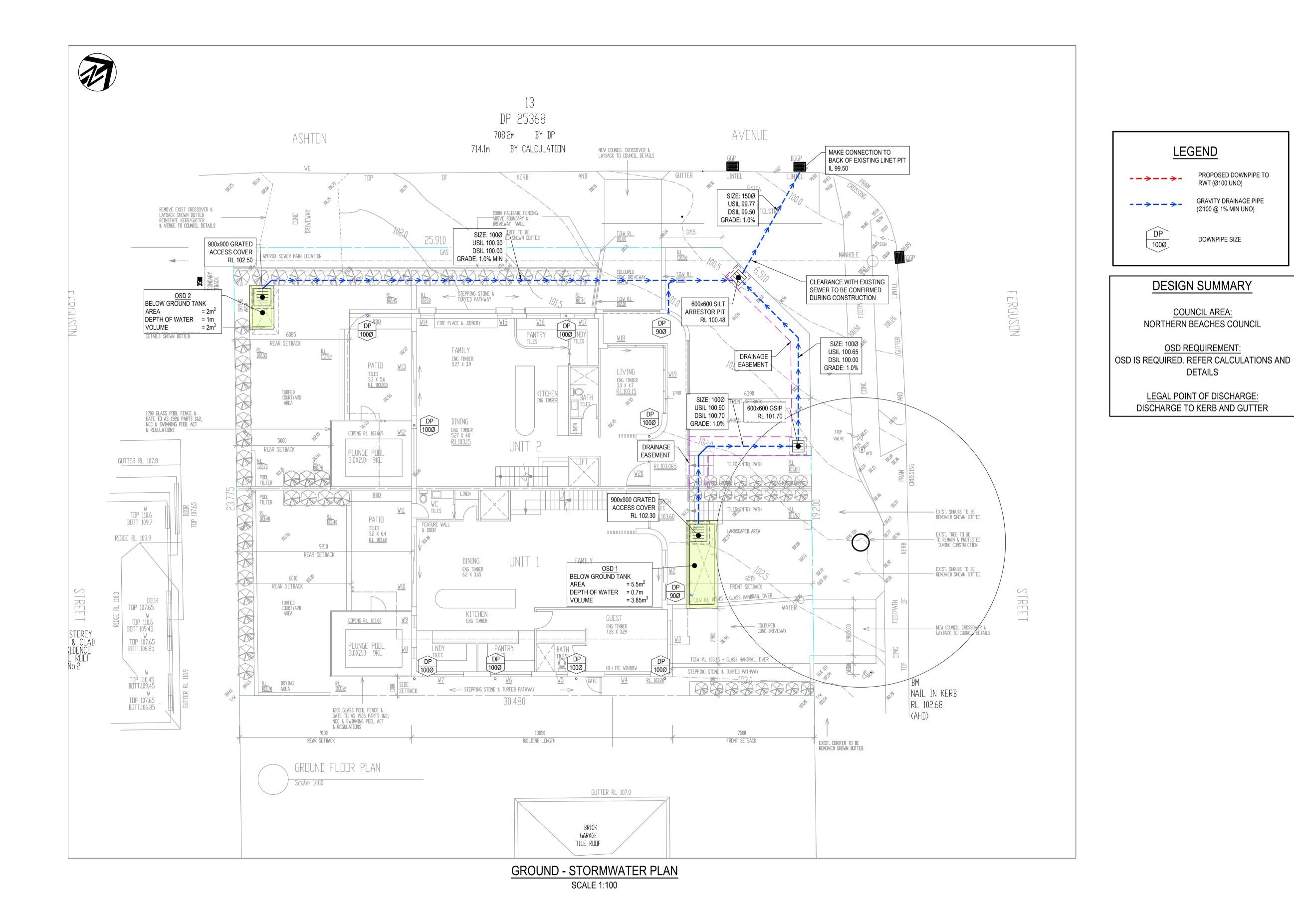
1:100 1:120

STORMWATER DRAINAGE NOTES

- ALL PIPES ON DRAWINGS TO BE MIN 1% GRADE UNLESS NOTED
- . ALL DOWNPIPES TO BE 1000 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
- PIPES WITH SOCKETS SHALL BE LAID IN BEDDING WHERE SUITABLE RECESSES HAVE BEEN PROVIDED TO ENSURE PIPES DO NOT BEAR ON
- 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
- 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).
- 0. 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.
- 2. ALL INTERNAL WORKS WITHIN PROPERTY BOUNDARIES ARE TO COMPLY WITH THE REQUIREMENTS OF AS 3500 3.1 (2018) AND AS/NZS 3500 3.2
- B. ENLARGERS, CONNECTIONS AND JUNCTIONS TO BE PREFABRICATED FITTINGS WHERE PIPES ARE LESS THAN 300 DIA.
- 4. WHERE SUBSOIL DRAINS PASS UNDER FLOOR SLABS AND VEHICULAR PAVEMENTS, UNSLOTTED uPVC SEWER GRADE PIPE IS TO BE USED.
- 5. CARE IS TO BE TAKEN WITH LEVELS OF STORMWATER LINES. GRADES SHOWN ARE NOT TO BE REDUCED WITHOUT APPROVAL.
- 16. 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.
- 18. 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.

Subject to compliance with AS 1762, AS 2033, AS/NZS 2566.1, AS 3725 or AS 4060. AS3500.3

	ENTRE A	CANE	DRAWN BY DRAWN DATE AE PROJECT 41 FERGUSON STREET, FORESTVILLE NOV'24	PROJECT NUMBER 24216 STATUS FOR APPROVAL FOR CONSTRUCTION PURPOSES WHEN STAMPED
2 ISSUED FOR DA	AE 10.03.2025	CONSULTING	COORDINATE SYSTEM MGA-56 DRAWING TITLE COVER SHEET	DRAWING NUMBER SHEET SIZE: A1 C 1 C 1 C 2 C 2 C 2 C 2 C 2 C 2 C 2 C
1 ISSUED FOR DA REVISION DESCRIPTION	AE 20.11.2024 ISSUED DATE	CIVIL . STORMWATER . FLOODING	HEIGHT DATUM AHD	SW00 REV: Z



2	ISSUED FOR DA	AE	10.03.202
1	ISSUED FOR DA	AE	20.11.202
REVISION	DESCRIPTION	ISSUED	DATE





SCALE 1:100	1 0	1	2	3	4	5	
SCALE 1:100							

RAWN BY	AE	PROJECT	41 FERGUSON STREET, FORESTVILLE
DRAWN DATE	NOV'24		
OORDINATE SYSTEM	MGA-56	DRAWING TITLE	STORMWATER PLAN SHEET 1
IEIGHT DATUM	AHD		- · · · · · · · · · · · · · · · · · · ·

PROJECT NUMBER	STATUS FOR ADDROVAN	1
24216	FOR APPROVAL FOR CONSTRUCTION PURPOSES W	_
	DRAWING NUMBER	5514
SHEET SIZE: A1	SW01	REV: 2

LEGEND

DP

100Ø

PROPOSED DOWNPIPE TO RWT (Ø100 UNO)

GRAVITY DRAINAGE PIPE (Ø100 @ 1% MIN UNO)

DOWNPIPE SIZE

DESIGN SUMMARY

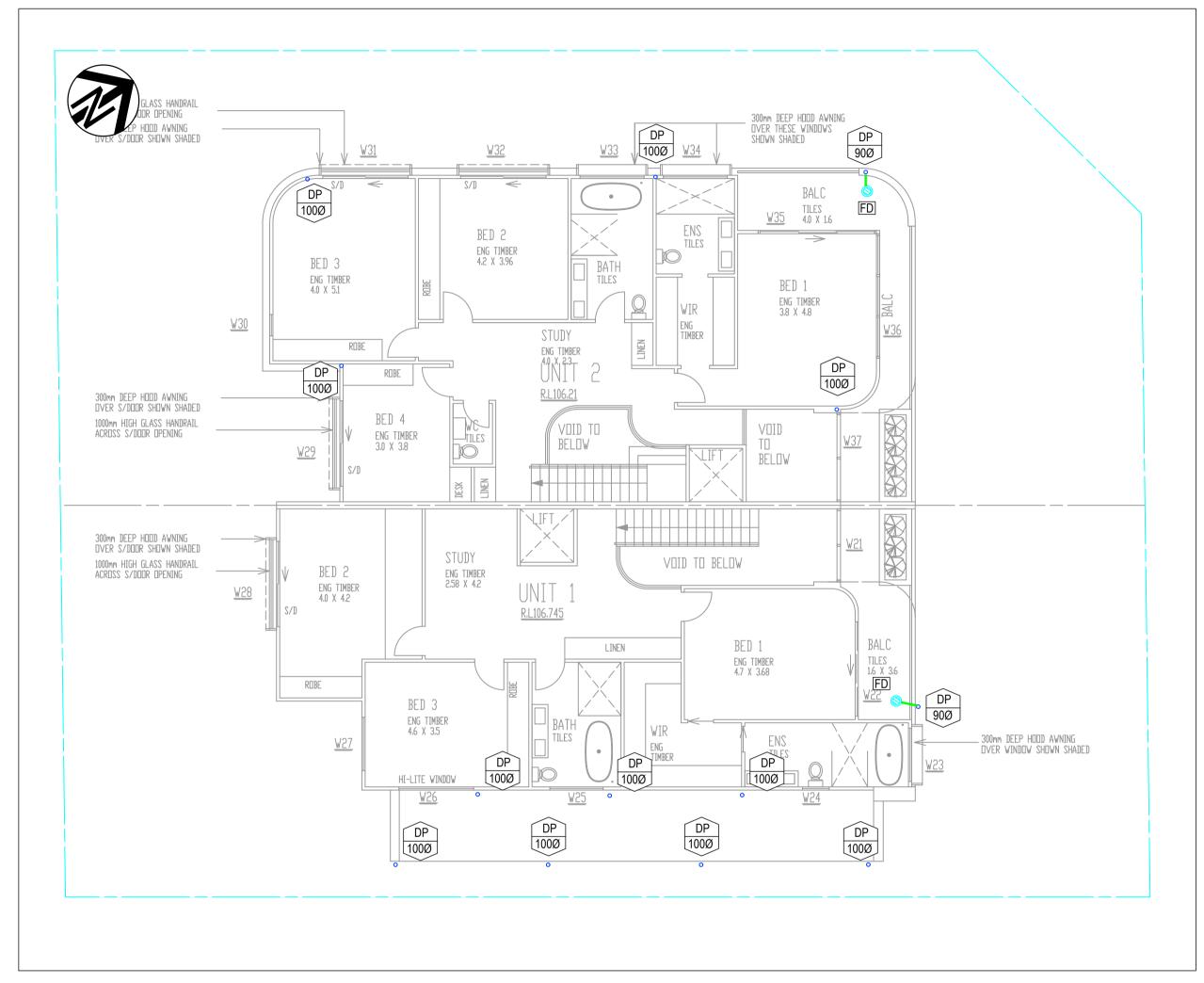
COUNCIL AREA:

NORTHERN BEACHES COUNCIL

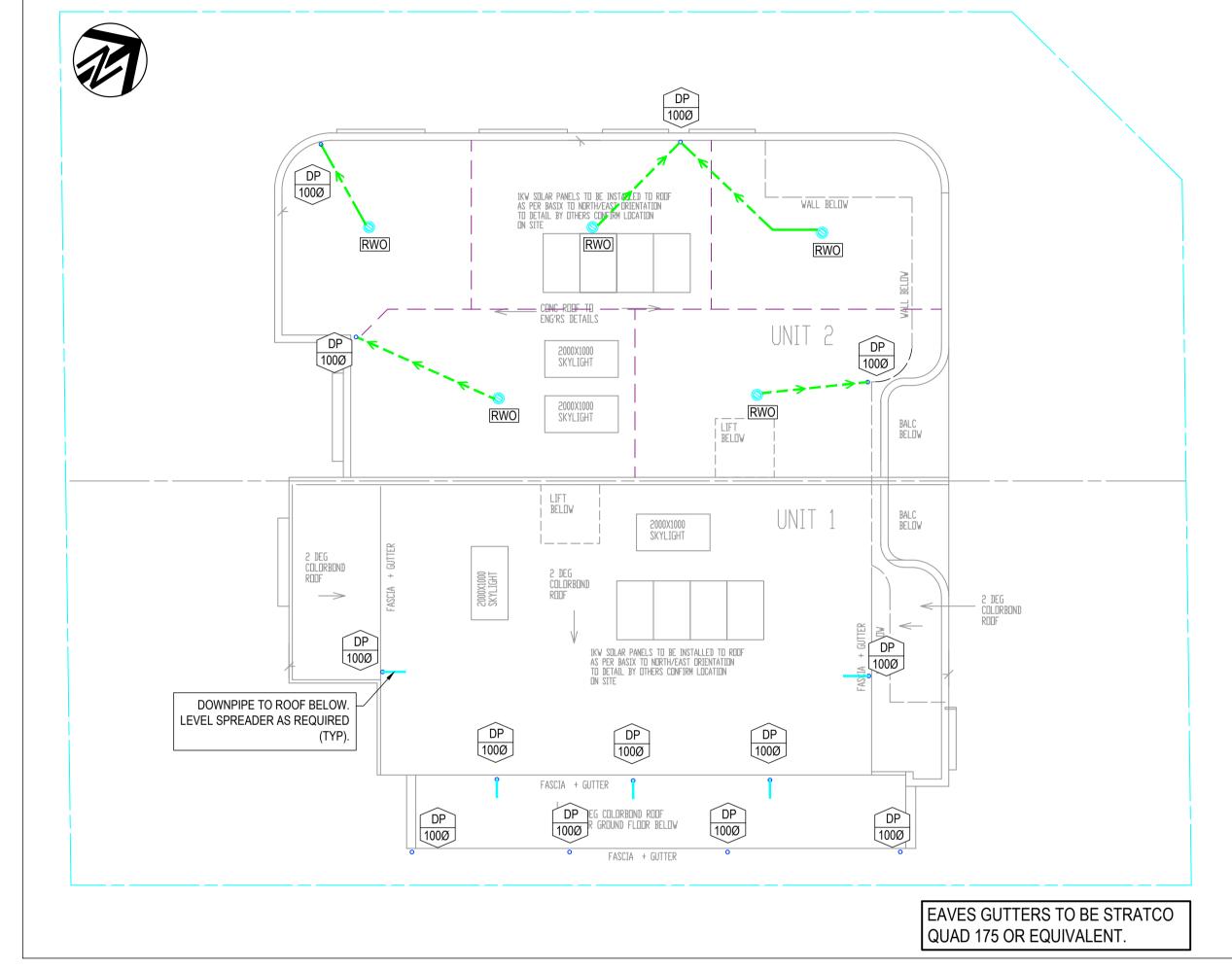
OSD REQUIREMENT:

DETAILS

LEGAL POINT OF DISCHARGE:



FIRST FLOOR - STORMWATER PLAN
SCALE 1:100



ROOF - STORMWATER PLAN
SCALE 1:100

<u>LEGEND</u>

IN SLAB/SUSPENDED DRAINAGE (Ø50 MIN)

FD S FLOOR DRAIN

RWO OP 100Ø

DOWNPIPE SIZE

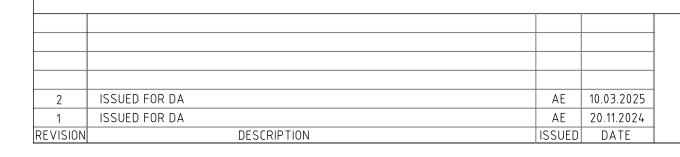
RAIN WATER OUTLET

DESIGN SUMMARY

COUNCIL AREA:
NORTHERN BEACHES COUNCIL

OSD REQUIREMENT:
OSD IS REQUIRED. REFER CALCULATIONS AND
DETAILS

<u>LEGAL POINT OF DISCHARGE:</u> DISCHARGE TO KERB AND GUTTER



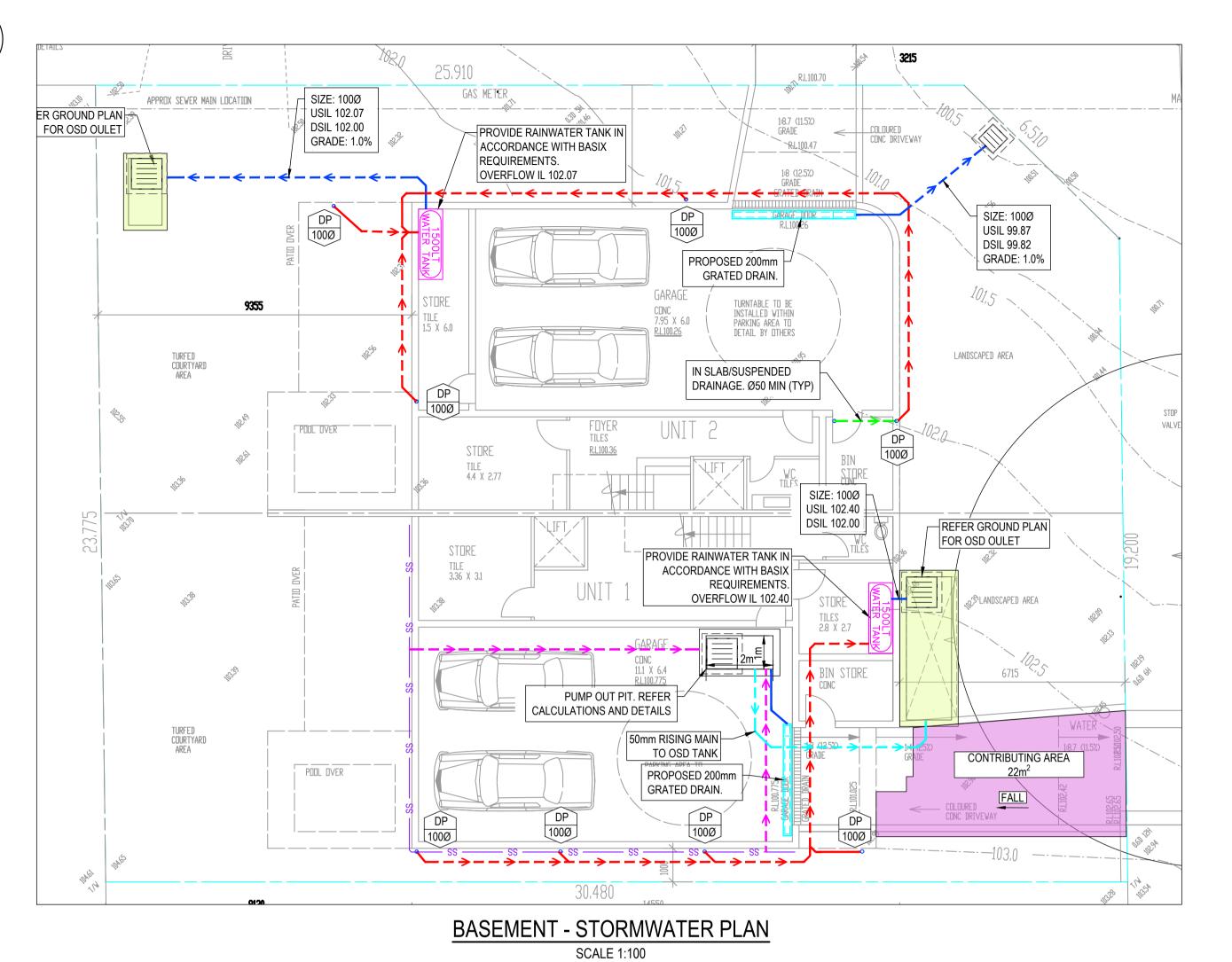


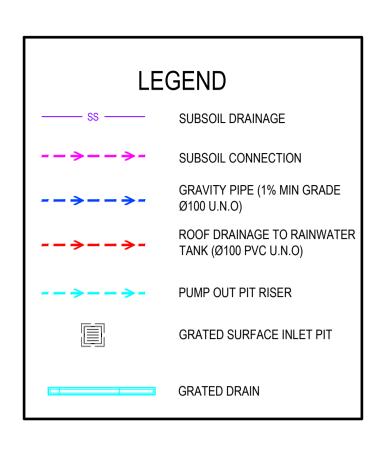


SCALE 1:100	1 0	1	2	3	4	5
36/122 1.100						

DRAWN BY	AE	PROJECT	41 FERGUSON STREET, FORESTVILLE	PROJECT NUMBER	FOR APPROVAL	
DRAWN DATE	NOV'24	-	411 LINGOSON STINLET, I ONEST VILLE	24216	FOR CONSTRUCTION PURPOSES W	
COORDINATE SYSTEM	MGA-56	DRAWING TITLE	STORMWATER PLAN SHEET 2	SHEET SIZE: A1	DRAWING NUMBER	
HEIGHT DATUM	AHD			SHELT SIZE. AT	SW02	REV: 2

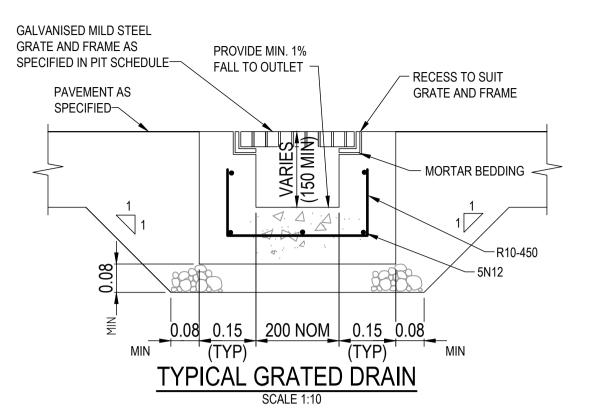






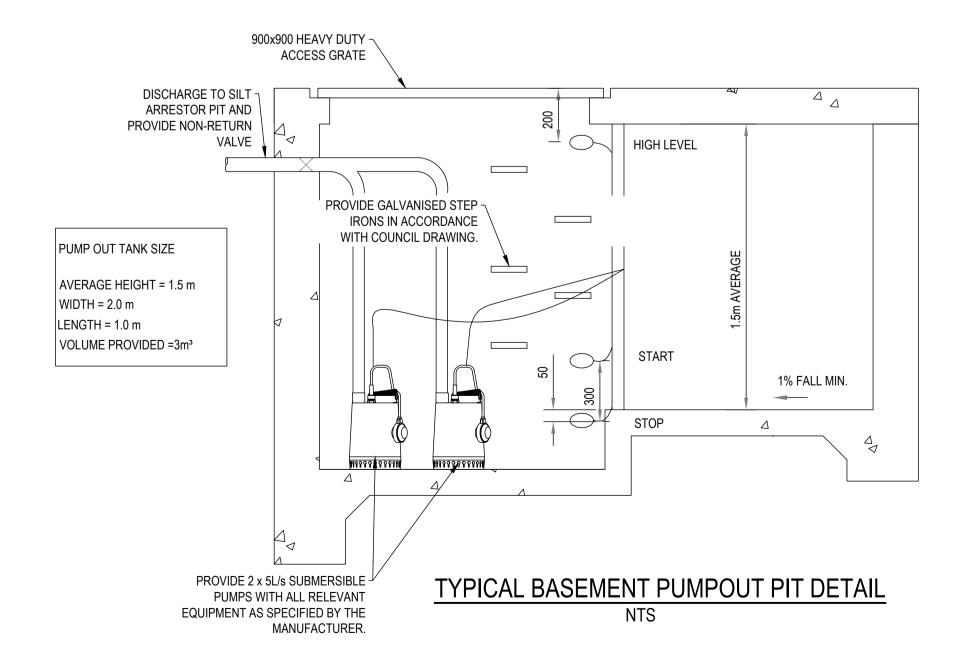


CONFINED SPACE SIGN A CONFINED SPACE DANGER SIGN SHALL BE PROVIDED AT EACH ACCESS GRATE OF THE BELOW GROUND DETENTION TANK



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
- > HOLDING TANK IN BASEMENT FLOOR IS TO BE PROVIDED TO STORE SEEPAGE WATER FOR A PERIOD OF 24 HOURS. THE DISCHARGE TO THE KERB IS TO BE RESTRICTED BETWEEN 11.00PM TO 3.00AM WITH A MAXIMUM DISCHARGE RATE OF 5.0 L/S. RAISE MAIN FROM THE BASEMENT HOLDING TANK SHALL BE CONNECTED TO A SILT ARRESTOR PIT PRIOR TO DISCHARGE TO KERB BY GRAVITY DURING THE PERIOD OF DISCHARGE



UNIT 1 – PUMP OUT PIT

RUN OFF RATE CALCULATION FOR 100 YEAR ARI 5 MIN STORM DURATION:

Area contributing overland to basement (A) $= 22 \text{ m}^2$ 100 year ARI for $\overline{5}$ min duration (I_1) = 283 mm/hr Coeff. of runoff (C) = 0.9Flow rate $(Q_1) = CIA/3600$ = 1.55 L/s Therefore <10L/s capacity of pump adopted = 10.0 L/s

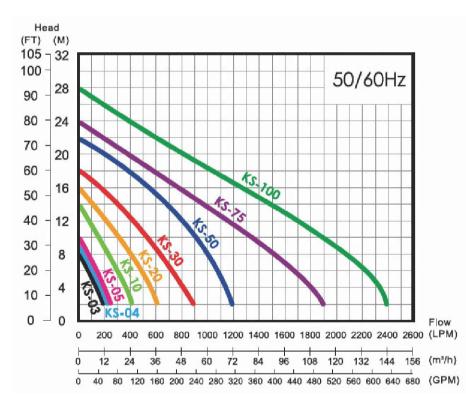
DETAIL PUMPING OUT CALCULATION FROM BASEMENT:

Area contributing overland to basement (A) $= 22 \text{ m}^2$ 10 year ARI for 2 (T) hrs duration (I) = 40 mm/hr = 0.9 Coeff. of runoff (C) = 36 L/h/m² Flow rate per sq m $(Q) = I \times C$ $= 1.58 \text{ m}^3$ Total vol for 2 hrs storm $(V) = ((Q/1000) \times T \times A)$ $= 3m^3$ Volume to be provided

Capacity of pump (P) = 10.0 L/s (Chosen above)

Pump capacity over $30 \text{min} (P30) = P \times 30 \text{min} \times 60/1000 = 18 \text{ m}^3$

Volume of wet well required = V-P30 = -16.42, therefore adopt volume above.



PUMP PERFORMANCE CURVE

	Туре	Out	nut	0	tlet	Ra	ated	Max	imum	Majaht	D.	imensio	
		Out	put	Ou	liel	Head	Capacity	Head	Capacity	Weight	D	imensio	1
		HP	kW	mm	Inch	М	LPM	М	LPM	Kg	L(mm)	W(mm)	H(mm)
	KS-03	1/3	0.25	40	1 1/2"	3	130	8	180	9	188	141	305
	KS-04	1/2	0.4	50	2"	5	150	8	220	11	208	140	359
	KS-05	1/2	0.4	50	2"	5	160	10	260	14	230	156	375
	KS-08	1	0.75	50	2"	6	240	13	380	21	290	180	425
-	KS-20	2	1.5	80	3"	10	300	16	600	31	278	182	475
	KS-30	3	2.2	80	3"	10	500	18	800	42	390	250	450
	KS-50	5	3.7	100	4"	10	800	21	1100	48	450	240	530
	KS-75	7.5	5.6	100	4"	15	800	23	1300	60	550	310	590
١	KS-100	10	7.5	150	6"	18	900	25	1600	70	550	310	610

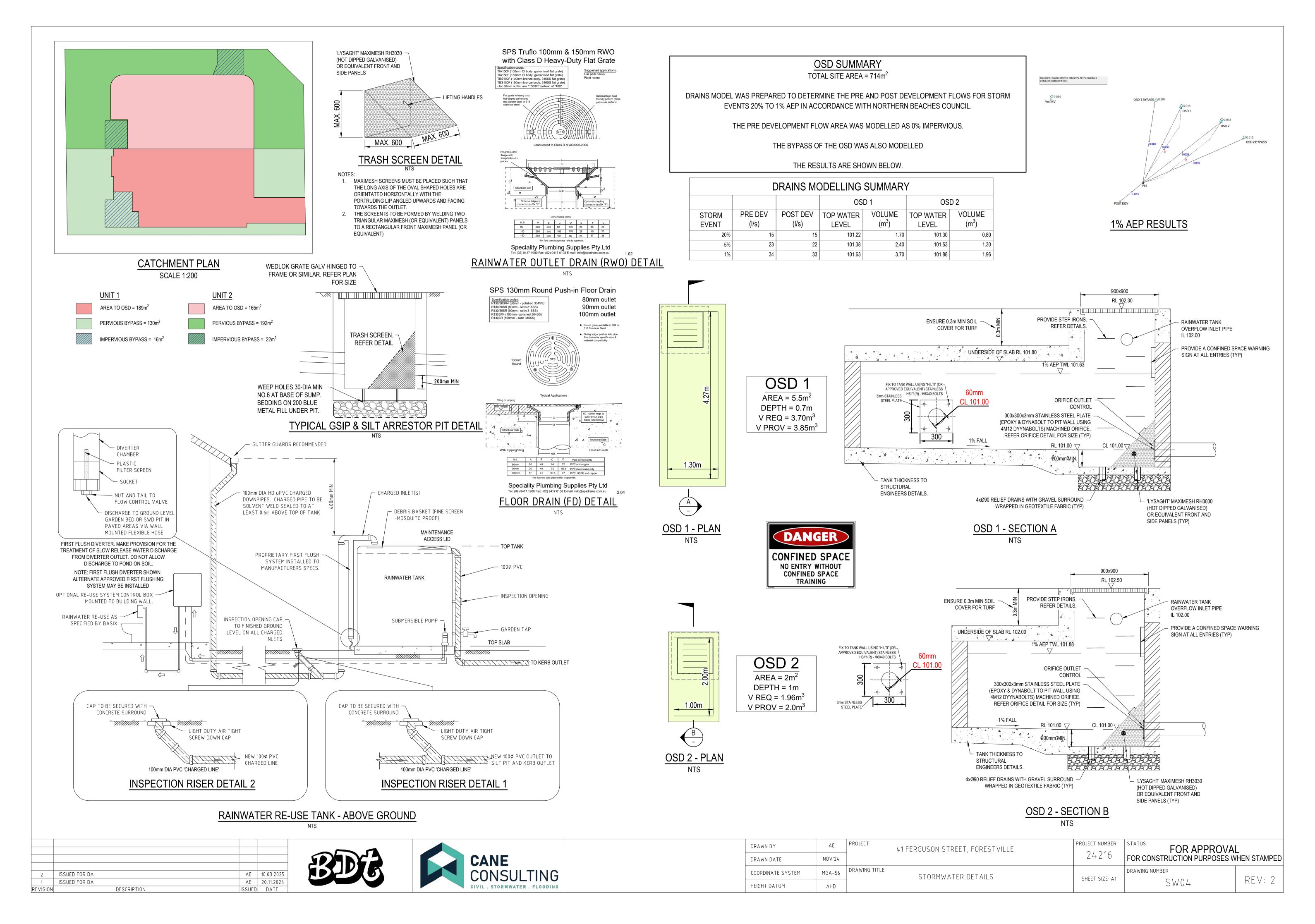
				27DY	CANE
2	ISSUED FOR DA	AE 10	0.03.2025	101-101	CONSII
1	ISSUED FOR DA	AE 20	0.11.2024		001100
REVISION	DESCRIPTION	ISSUED	DATE		CIVIL . STORMWAT

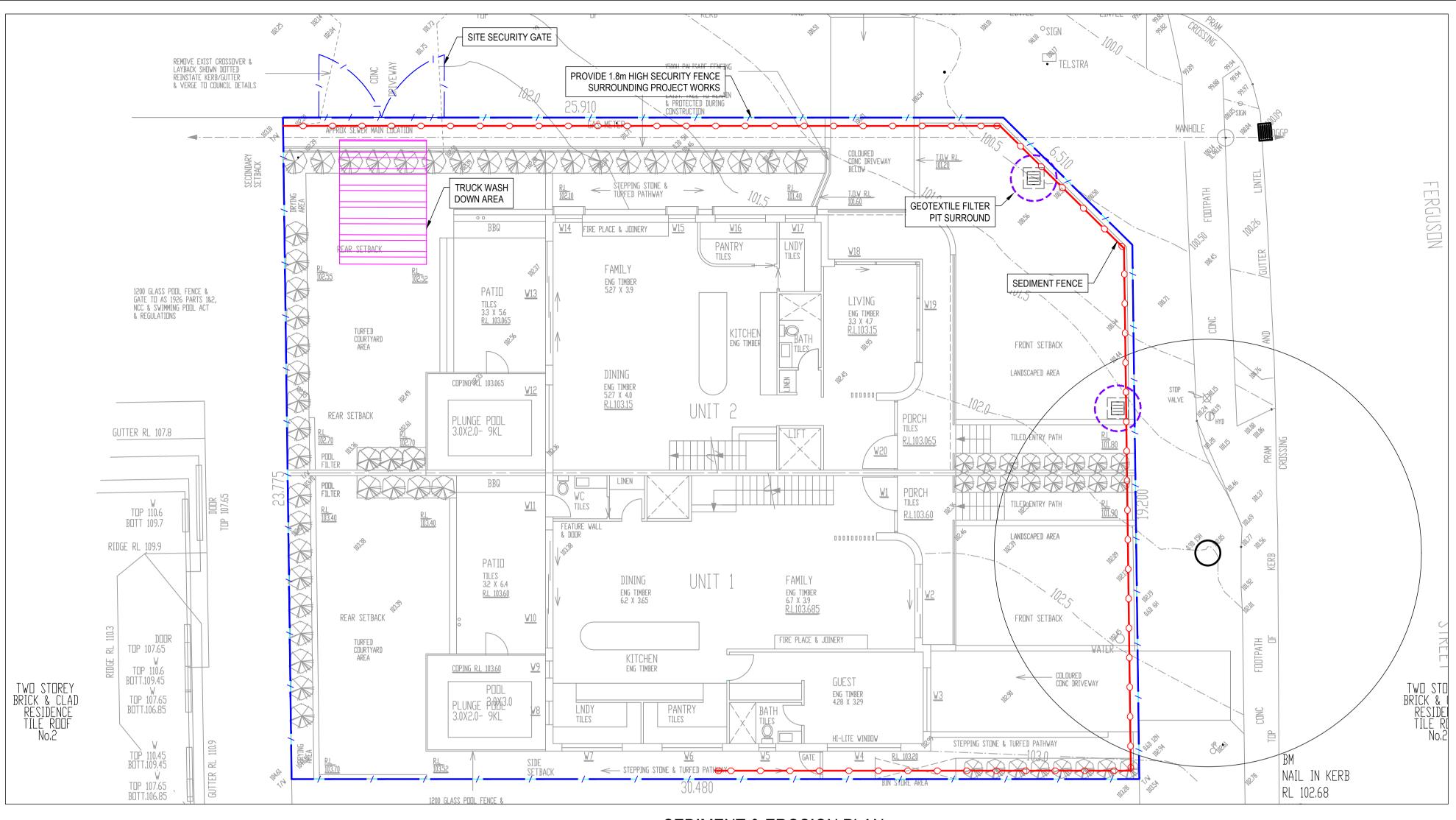


DRAWN BY	AE	PROJECT	41 FERGUSON STREET, FORESTVILLE	PROJECT NUMB
				24216
DRAWN DATE	NOV'24			24210
COORDINATE SYSTEM	MGA-56	DRAWING TITLE	STORMWATER PLAN SHEET 3	SHEET SIZE:
HEIGHT DATUM	AHD			

FOR APPROVAL FOR CONSTRUCTION PURPOSES WHEN STAMPED DRAWING NUMBER

REV: 2 SW03





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
- 2. 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 a. LOCAL AUTHORITY REQUIREMENTS
- **EPA REQUIREMENTS**
- NSW DEPARTMENT OF HOUSING MANUAL "MANAGING URBAN STORMWATER, SOILS AND CONSTRUCTION", 4th EDITION, MARCH
- . 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.
- 6. 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

6. 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

SEDIMENT CONTROL

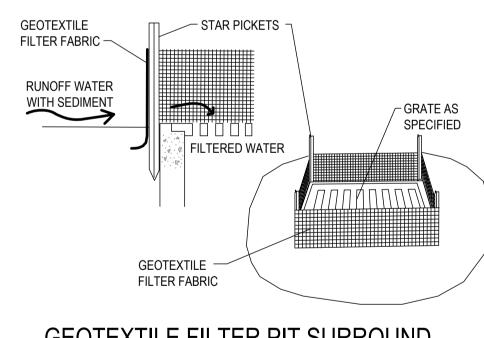
- 7. DURING WINDY WEATHER, LARGE, UNPROTECTED AREAS WILL BE KEPT MOIST (NOT WET) BY SPRINKLING WITH WATER TO KEEP DUST UNDER CONTROL.
- 8. FINAL SITE LANDSCAPING WILL BE UNDERTAKEN AS SOON AS POSSIBLE AND WITHIN 20 WORKING DAYS FROM COMPLETION OF CONSTRUCTION ACTIVITIES.
- 9. STOCKPILES WILL NOT BE LOCATED 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.
- 10. 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.
- 1. 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.

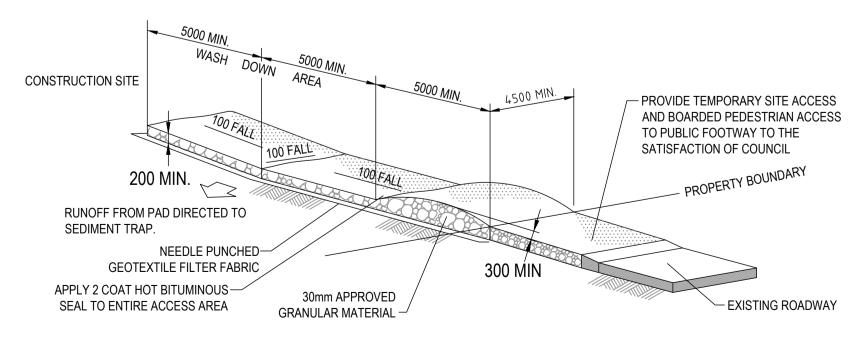
- 12. TEMPORARY SOIL AND WATER MANAGEMENT STRUCTURES WILL BE REMOVED ONLY AFTER THE LANDS THEY ARE PROTECTING ARE REHABILITATED.
- 13. ACCEPTABLE RECEPTORS WILL BE PROVIDED FOR CONCRETE AND MORTAR SLURRIES, PAINTS, ACID WASHINGS, LIGHT-WEIGHT WASTE MATERIALS AND LITTER.
- 14. ANY EXISTING TREES WHICH FORM PART OF THE FINAL LANDSCAPING PLAN WILL BE PROTECTED FROM CONSTRUCTION ACTIVITIES BY:

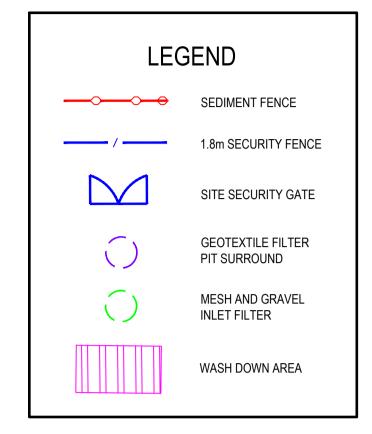
OTHER MATTERS

- PROTECTING THEM WITH BARRIER FENCING OR SIMILAR MATERIALS
- INSTALLED OUTSIDE THE DRIP LINE 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, WHICH EVER IS THE GREATER
- II) 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 (III) CARE IS TAKEN NOT TO CUT ROOTS UNNECESSARILY NOR TO
- COMPACT THE SOIL AROUND THEM.

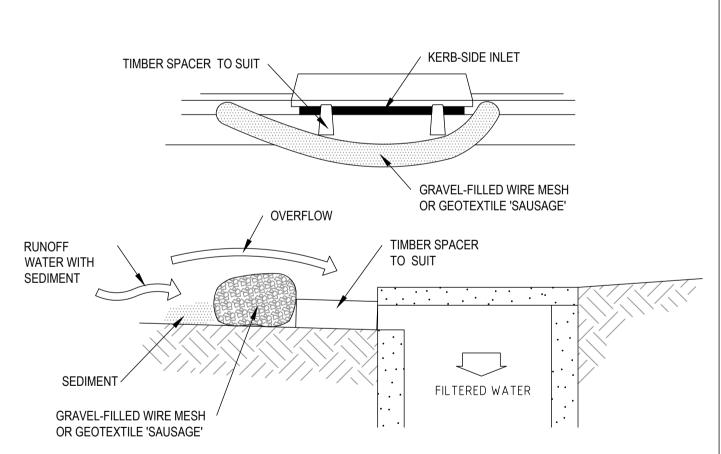




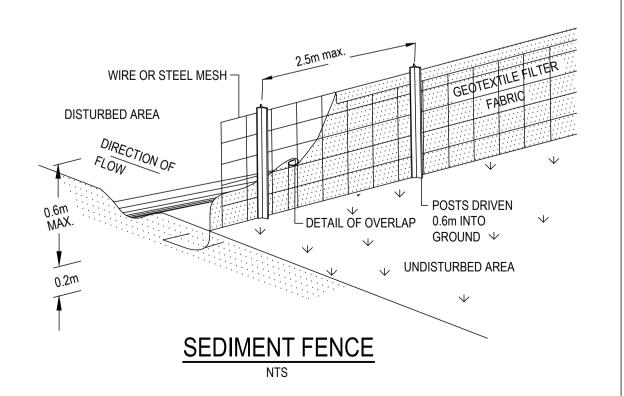




NOTE: THE EROSION AND SEDIMENT CONTROL PLAN IS INDICATIVE ONLY, IT IS THE RESPONSIBILITY OF THE CONTRACTORS ON SITE TO ENSURE WATER RUN-OFF FROM THEIR SITE IS PROTECTED AND LEANED. THE LOCATION OF SUCH SEDIMENT FENCES, SAND BAGS ETC IS UP TO THE DISCRETION OF THE CONTRACTORS ON SITE TO ENSURE SEDIMENT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



MESH AND GRAVEL INLET FILTER



STABILISED SITE ACCESS AND TRUCK WASH DOWN ARE	<u>:A</u>
NTS	

41 FERGUSON STREET, FORESTVILLE

SEDIMENT AND EROSION CONTROL PLAN

					DRAWN BY	AE	PROJECT
				CANE	DRAWN DATE	NOV'24	
2	ISSUED FOR DA	AE 10.03.2025	1277	CONSULTING	COORDINATE SYSTEM	MGA-56	DRAWING TITLE
1 REVISION	ISSUED FOR DA DESCRIPTION	AE 20.11.2024 ISSUED DATE		CIVIL . STORMWATER . FLOODING	HEIGHT DATUM	AHD	

PROJECT NUMBER	STATUS FOR ADDROVAN	
24216	FOR APPROVAL FOR CONSTRUCTION PURPOSES W	
SHEET SIZE: A1	DRAWING NUMBER SW05	REV: 2