STORMWATER MANAGEMENT PLANS PROPOSED RESIDENTIAL FLAT BUILDING No. 19-23 SEGERS AVENUE, PADSTOW LOTS 19-21 DP:16608

DRAINAGE NOTES

PIPE SIZE:

THE MINIMUM PIPE SIZE SHALL BE:

 90mm DIA WHERE THE LINE ONLY RECEIVES ROOFWATER RUNOFF; OR 100mm DIA WHERE THE LINE RECEIVES RUNOFF FROM PAVED OR UNPAVED AREAS ON THE PROPERTY

THE MINIMUM PIPE VELOCITY SHOULD BE 0.6 m/s AND A MAXIMUM PIPE VELOCITY OF 6.0 m/s DURING THE DESIGN STORM.

PIPE GRADE:

- THE MINIMUM PIPE GRADE SHALL BE: 1.0% FOR PIPES LESS THAN 225mm DIA
 - 0.5% FOR ALL LARGER PIPES

PIPES WITH A GRADIENT GREATER THAN 20% WILL REQUIRE ANCHOR BLOCKS AT THE TOP AND BOTTOM OF THE INCLINED SECTION; AND AT INTERVALS NOT **EXCEEDING 3.0m**

ANCHOR BLOCKS ARE DESIGNED ACCORDING TO CLAUSE 7.9 OF AS3500.3-2021

DEPTH OF COVER FOR PVC PIPES: MINIMUM PIPE COVER SHALL BE AS FOLLOWS:

LOCATION	MINIMUM COVER
NOT SUBJECT TO VEHICLE LOADING	100mm SINGLE RESIDENTIAL 300mm ALL OTHER DEVELOPMENTS
SUBJECT TO VEHICLE LOADING UNDER A SEALED ROAD UNSEALED ROAD	450mm WHERE NOT IN A ROAD 600mm 750mm
PAVED DRIVEWAY	100mm PLUS DEPTH OF CONCRETE

SEE AS2032 INSTALLATION OF UPVC PIPES FOR FURTHER INFORMATION.

CONCRETE PIPE COVER SHALL BE IN ACCORDANCE WITH AS3725-2007 LOADS ON BURIED CONCRETE PIPES, HOWEVER A MINIMUM COVER OF 450mm WILL APPLY.

WHERE INSUFFICIENT COVER IS PROVIDED, THE PIPE SHALL BE COVERED AT LEAST 50mm THICK OVERLAY AND SHALL THEN BE PAVED WITH AT LEAST:

- 150mm REINFORCED CONCRETE WHERE SUBJECT TO HEAVY VEHICLE TRAFFIC:
- 75mm THICKNESS OF BRICK OR 100mm OF CONCRETE PAVING WHERE SUBJECT TO LIGHT VEHICLE TRAFFIC; OR
- 50mm THICK BRICK OR CONCRETE PAVING WHERE NOT SUBJECT TO VEHICLE TRAFFIC.

CONNECTIONS TO STORMWATER DRAINS UNDER BUILDINGS: SHALL BE CARRIED OUT IN ACCORDANCE WITH SECTION 6.2.8 OF AS3500.3-2021

ABOVE GROUND PIPEWORK: SHALL BE CARRIED OUT IN ACCORDANCE WITH SECTION 6 OF AS3500.3-2021 PIT SIZES AND DESIGN

DEPTH (mm)	MINIMUM PIT SIZE (mm)
UP TO 450mm	450 x 450
450mm TO to 600mm	600 x 600
600mm TO 900mm	600 x 900
900mm TO 1500mm	900 x 900 (WITH STEP IRONS)
1500mm TO 2000mm	1200 x 1200 (WITH STEP IRONS)

ALL PIPES SHOULD BE CUT FLUSH WITH THE WALL OF THE PIT.

PITS GREATER THAN 600mm DEEP SHALL HAVE A MINIMUM ACCESS OPENING OF 600 x 600mm

THE GRATED COVERS OF PITS LARGER THAN 600 x 600mm ARE TO BE HINGED TO PREVENT THE GRATE FROM FALLING INTO THE PIT.

THE BASE OF THE DRAINAGE PITS SHOULD BE AT THE SAME LEVEL AS THE INVERT OF THE OUTLET PIPE. RAINWATER SHOULD NOT BE PERMITTED TO POND WITHIN THE STORMWATER SYSTEM

• TRENCH DRAINS:

CONTINUOUS TRENCH DRAINS ARE TO BE OF WIDTH NOT LESS THAN 150mm AND DEPTH NOT LESS THAN 100mm. THE BARS OF THE GRATING ARE TO BE PARALLEL TO THE DIRECTION OF SURFACE FLOW.

• STEP IRONS:

PITS BETWEEN 1.2m AND 6m ARE TO HAVE STEP IRONS IN ACCORDANCE WITH AS1657. FOR PITS GREATER THAN 6m OTHER MEANS OF ACCESS MUST BE PROVIDED.

IN-SITU PITS:

IN-SITU PITS ARE TO BE CONSTRUCTED ON A CONCRETE BED OF AT LEAST 150mm THICK. THE WALLS ARE TO BE DESIGNED TO MEET THE MINIMUM REQUIREMENTS OF CLAUSE 7.5.5.1 OF AS3500.3-2021. PITS DEEPER THAN 1.8m SHALL BE CONSTRUCTED WITH REINFORCED CONCRETE.

GRATES:

GRATES ARE TO BE GALVANISED STEEL GRID TYPE. GRATES ARE TO BE OF HEAVY-DUTY TYPE IN AREAS WHERE THEY MAY BE SUBJECT TO VEHICLE LOADING.

	CLASS	USE
А	EXTRA LIGHT DUTY	AREAS INCLUDING FOOTWAYS, ACCESSIBLE ONLY TO PEDESTRIANS, PEDAL CYCLISTS AND CLOSED TO OTHER TRAFFIC
В	LIGHT DUTY	AREAS INCLUDING FOOTWAYS AND LIGHT TRACTOR PATHS ACCESSIBLE TO VEHICLES (EXCLUDING COMMERCIAL VEHICLES) OR LIVESTOCK
С	MEDIUM DUTY	MALLS AND AREAS OPEN TO SLOW-MOVING COMMERCIAL TRAFFIC
D	HEAVY DUTY	CARRIAGEWAYS OF ROADS AND AREAS OPEN TO COMMERCIAL VEHICLES
E	EXTRA HEAVY DUTY	GENERAL DOCKS AND AIRCRAFT PAVEMENTS
F	EXTRA HEAVY DUTY	DOCK AND AIRCRAFT PAVEMENTS SUBJECT TO HIGH WHEEL LOADS
G	EXTRA HEAVY DUTY	DOCKS AND AIRCRAFT PAVEMENTS SUBJECT TO VERY HIGH WHEEL LOADS

SERVICES SHOWN ON THIS DOCUMENTATION ARE SHOWN IN THE STRATA U.N.O.

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GENERAL NOTES



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GENERAL NOTES

- FINAL LOCATION OF NEW DOWNPIPES TO BE DETERMINED BY
- BUILDER/ARCHITECT AT TIME OF CONSTRUCTION. 2. THESE DRAWINGS TO BE READ IN CONJUNCTION WITH ARCHITECTS AND OTHER CONSULTANTS DRAWINGS. ANY DISCREPANCIES TO BE REFERRED TO THE ENGINEER BEFORE PROCEEDING WITH WORK.
- ALL MATERIALS AND WORKMANSHIP TO BE IN ACCORDANCE WITH AS/NZS 3500.3:2021 STORMWATER DRAINAGE, BCA AND LOCAL COUNCIL POLICY/CONSENT/REQUIREMENTS.
- ALL DIMENSIONS AND LEVELS TO BE VERIFIED BY BUILDER ON-SITE PRIOR TO COMMENCEMENT OF WORKS. THESE DRAWINGS ARE NOT TO BE SCALED FOR DIMENSIONS NOR TO BE USED FOR SETOUT PURPOSES.
- 5. ALL SURVEY INFORMATION AND PROPOSED BUILDING AND FINISHED SURFACE LEVELS SHOWN IN THESE DRAWINGS ARE BASED ON LEVELS OBTAINED FROM DRAWINGS BY OTHERS.
- THESE DRAWINGS DEPICT THE DESIGN OF SURFACE STORMWATER RUNOFF DRAINAGE SYSTEMS ONLY AND DO NOT DEPICT ROOF DRAINAGE OR SUBSOIL DRAINAGE SYSTEMS UNLESS NOTED OTHERWISE. THE DESIGN OF ROOF AND SUBSOIL DRAINAGE SYSTEMS IS THE RESPONSIBILITY OF OTHERS.
- ALL STORMWATER DRAINAGE PIPES ARE TO BE uPVC AT MINIMUM 1% GRADE UNLESS NOTED OTHERWISE.
- 8. IT IS THE CONTRACTORS RESPONSIBILITY TO LOCATE AND LEVEL ALL EXISTING SERVICES OR OTHER STRUCTURES WHICH MAY AFFECT/BE AFFECTED BY THIS DESIGN PRIOR TO COMMENCEMENT OF WORKS.
- 9. ALL PITS WITHIN DRIVEWAYS TO BE 150mm THICK CONCRETE OR EQUAL.
- 10. THIS PLAN IS THE PROPERTY OF QUANTUM ENGINEERS AND MAY NOT BE USED OR REPRODUCED WITHOUT WRITTEN PERMISSION FROM QUANTUM ENGINEERS

PLAN NOTES

- 1. ROOF DRAINAGE NOTE: AS 3500 ROOF DRAINAGE REQUIRES EAVES GUTTERS TO BE SIZED FOR 20 YEAR 5 MIN. STORM = 205mm/hr. FOR EAVES GUTTERS, AS 3500.3:2021 THEN HAS THE FOLLOWING REQUIREMENTS:
- 1.1. FOR TYPICAL STANDARD QUAD GUTTER WITH Ae = 6000mm² AND GUTTER SLOPE 1:500 AND STEEPER THIS REQUIRES ONE DOWNPIPE PER 30m² ROOF AREA 1.2. DOWNPIPES TO BE MINIMUM 90mm DIA. OR 100 x 50mm
- FOR GUTTERS SLOPE 1:500 AND STEPPER. 1.3. OVERFLOW METHOD TO FIGURE F.1 OF AS 3500.3:2021 IT IS THE RESPONSIBILITY OF THE PLUMBER AND / OR BUILDER TO COMPLY WITH THIS. THIS DRAWING SHOWS PRELIMINARY LOCATIONS / NUMBERS OF DOWNPIPES ONLY WHICH ARE TO BE VERIFIED BY BUILDER / PLUMBER
- 2. TREE PRESERVATION: IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN ANY PRIOR APPROVAL REQUIRED FROM COUNCIL WITH RESPECT TO POTENTIAL IMPACT ON TREES FOR ANY WORKS SHOWN ON THIS DRAWING PRIOR TO THE COMMENCEMENT OF THOSE WORKS
- 3. ALL ROOF GUTTERS TO HAVE OVERFLOW PROVISION IN ACCORDANCE WITH AS 3500.3:2021 AND SECTIONS 3.5, 3.7.7 AND APPENDIX G OF AS 3500.3:2021
- 4. THIS DRAWING IS NOT TO BE USED FOR SET-OUT PURPOSES - REFER TO ARCHITECTURAL DRAWINGS
- 5. LOCATION OF SURFACE STORMWATER GRATED INLET PITS MAY BE VARIED OR NEW PITS INSTALLED AT THE CONSTRUCTION STAGE PROVIDED DESIGN INTENT OF THIS DRAWING IS MAINTAINED

	SURFACE INLET PIT (SIP)	->-	STORMWATER PIPE VIA GRAVITY 100mm DIA (MIN) U.N.O
	SURFACE INLET PIT (WITH 'OCEANGUARD')	RWT RWT	STORMWATER PIPE TO RAINWATER TANK 100mm DIA (MIN) U.N.O
GD	GRATED TRENCH DRAIN MIN 150mm DEEP (U.N.O)		PRESSURE PIPE FROM PUMP-OUT TANK 65mm DIA (MIN) U.N.O
LD	LINEAR TRENCH DRAIN 100mm WIDE U.N.O		COUNCIL / EASEMENT DRAINAGE SYSTEM. REFER TO PLAN
Image: Weight FWImage: TGImage: PG	FLOOR WASTE TERRACE GRATE PLANTER GRATE	a a	100mm DIA (MIN) U.N.O SLOTTED PVC WRAPPED IN GEOTEXTILE SLEEVE AT 1% (MIN)
🟵 FD	FLOOR DRAIN	- - ^{1%} ->	SURFACE FALL LINES 1% (MIN)
	ABSORPTION/INFILTRATION TRENCH	○ IR	INSPECTION RISER WITH SEALED CAP
OSD	ON-SITE DETENTION TANK (OSD)	DP 100	PROPOSED DOWNPIPE 100mm DIA uPVC
	RAINWATER RE-USE TANK	•	INDICATES DOWNPIPE PENETRATING FLOOR SLAB
	(RWT) PLIMP-OLIT STORAGE TANK	0	INDICATES DOWNPIPE COMMENCING BELOW FLOOR SLAB
	STORMFILTER CHAMBER/WATER QUALITY SYSTEM	ROOF FALL	INDICATES ROOF FALL DIRECTION
	(REFER TO PLAN)	450SQ	450 x 450 SQUARE INTERNAL PIT DIMENSIONS
		SL 20.00	PIT GRATE SURFACE LEVEL = RL 20.00
		IL 19.50	PIT INVERT LEVEL = RL 19.50
€250	CONSULTANTS COO MECHANICAL DUCT SYSTEM (REFER TO MECHANICAL ENGINEERS PLANS) STRUCTURAL SLAB TRANSITION (REFER TO STRUCTURAL ENGINEERS PLANS) STRUCTURAL SLAB/BEAM THICKNESS (REFER TO STRUCTURAL ENGINEERS PLANS)	RDINATIO	<u>N LEGEND</u>
	UNDERGROUND S	ERVICES I	EGEND
E G NBN O S T W	E UNDERGROUND ELECTRICITY CABLES G UNDERGROUND GASMAIN NBN UNDERGROUND NBN NETWORK CABLE O UNDERGROUND OPTUS CABLES S UNDERGROUND SEWERMAIN T UNDERGROUND TELSTRA COMMUNICATIONS CABL W UNDERGROUND SYDNEY WATER LINE	APPRO WHERE BE LOC OR EXC	XIMATE POSITION ONLY VIA DIAL BEFORE YOU DIG PLANS. E CRITICAL TO DESIGN UNDERGROUND SERVICES SHOULD ATED BY GROUND PENETRATING RADAR PRIOR TO DESIGN CAVATION.
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	STORMWATER DRAWINGS LIST	
DRAWING No.	DRAWING TITLE	REVISION
SW101	DETAILS, NOTES & LEGEND	В
SW201	BASEMENT LEVEL 2 PLAN	В
SW202	BASEMENT LEVEL 1 PLAN	В
SW203	SITE / GROUND FLOOR PLAN	В
SW204	ROOF PLAN	В
SW205	EASEMENT PLAN	В
SW301	OSD AND PUMP-OUT SYSTEM CALCULATION & DETAILS	В
SW302	STORMWATER DETAILS	В
SW401	WATER QUALITY CATCHMENT PLAN	В
SW501	SEDIMENT CONTROL PLAN	В
SW502	SEDIMENT CONTROL DETAILS	В

DRAWING TITLE	APPROX TRUE NORTH	REVISION	DATE	DESCRIPTION	DESIGNED BY		CHECKED BY	No. IN SET	JOB NUMBER
DETAILS, NOTES & LEGEND		A	16.04.2025	PRELIMINIARY ISSUE	D.BETROS				
PROPOSED RESIDENTIAL FLAT BUILDING	N	В	28.04.2025	ISSUED FOR DEVELOPMENT APPLICATION	E.ZHANG	ISSUED FOR	D.CHENG	10	240328_SW
Lots 19-21, 19-23 SEGERS AVENUE, PADSTOW						DA	SCALE - SIZE	B	DRAWING No. SW101

STORMWATER LEGEND







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BASEMENT LEVEL 2 PLAN		A	16.04.2025	PRELIMINIARY ISSUE	D.BETROS			40	240220 0\4
PROPOSED RESIDENTIAL FLAT BUILDING	N	В	28.04.2025	ISSUED FOR DEVELOPMENT APPLICATION	E.ZHANG	1220ED FOR	D.CHENG	10	240328_5W
Lots 19-21, 19-23 SEGERS AVENUE,						DA	SCALE - SIZE	B	DRAWING No.
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NOTE: ALL PROPOSED LINEAR DRAINS

NOTE: ALL PROPOSED GRATED DRAINS

TO BE 100mm WIDE (UNO) (LD)

TO BE 200mm WIDE (UNO) (GD)

DOWNPIPE LEGEND
(RP 150) INDICATES DOWNPIPE TO RWT INDICATES DOWNPIPE DIAMETER INDICATES DOWNPIPE DIRECTLY TO OSD TANK
150 - INDICATES DOWNPIPE DIAMETER
 DOWNPIPE PENETRATING FLOOR SLAB
O - DOWNPIPE COMMENCING BELOW FLOOR SLAB
e Spreader



PROVIDE 150mm WIDE BE 100mm WIDE HOB ALONG SHOWN HATCHED. 100mm DIA DROPPER PIF MAXIMUM 10m SPACING.



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0mm DEEP OPEN DRAIN DRIVEWAY KERB. GRATED DRAIN.	BOUNDARY	40°04'00"	P 10 S 11 M	ROVIDE 150mm WIDE BEHIND 10 00mm WIDE HOB ALONG INTERN HOWN HATCHED. 00mm DIA DROPPER PIPES TO E IAXIMUM 10m SPACING.	00mm HIGH x JAL WALL 3E PROVIDED AT	
	600 SQ 'OCEANGUARD' PIT S.L. 25.20 I.L. 24.55	65.11				
3.60 m 3.60 m		R R 20°04'00"	13 STORAGES		R	24.80 R
24.80 FD SL 24.71 FD	FD FD SL 24.71 E4.76 E4.76	24.76 Ø100mm @ 1% FD SL 24.	MMM Polo FALL	FD SL FD FD FD	24.71	Ø100mm @ 1%
PD FD SL 24.71	R R V R 24.80 R 2.5m HEIGHT CLEARANCE	C THE %ST ST ST ST ST ST ST ST ST ST	FD SL 24.75	2.5m HEIGHT CLEARANCE R	%1-@ mm010 24.80	0.5% FALL
FD SL 24.71	Old All All All All All All All All All A	65.11 THE SOLUTION OF THE SOL			S FD FD 24.80	D iL 24.75
FD SL 24.71	FD FD SL 24.71	FD FD SL 24.71		2.00 m 4.00 MAX 1:8	m / 2.00 m 1:4 // MAX 1:1	
BEHIND 100mm HIGH x IG INTERNAL WALL IPES TO BE PROVIDED AT 3.	BOU	INDARY (0 <mark>204'00"</mark> 65.11	PROVIDE BETWEEN OPEN DR/	100mm WIDE x 100mm DE WET-WALL AND DRIVEV AIN TO FALL INTO FD AT	EP OPEN DRAIN VAY KERB. BASE.

DRAWING TITLE	APPROX TRUE NORTH	REVISION	DATE	DESCRIPTION
BASEMENT LEVEL 1 PLAN		А	16.04.2025	PRELIMINIARY ISSUE
PROPOSED RESIDENTIAL FLAT BUILDING	N	В	28.04.2025	ISSUED FOR DEVELOPMENT APPLICATION
Lots 19-21, 19-23 SEGERS AVENUE, PADSTOW				

DRAINAGE PIPE LEGEND

NOTE: ALL PROPOSED LINEAR DRAINS TO BE 100mm WIDE (UNO) (LD)

LIFT PITS TO BE 'TANKED' WATERTIGHT. REFER TO DETAILS BY OTHERS

LIFT PITS TO BE 'TANKED' WATERTIGHT.		NOTE: ALL PIPES TO BE 100m	m DIA LINO
	•	PRESSURE PIPE (Ø65mm)	
NOTE: ALL PROPOSED GRATED DRAINS TO BE 200mm WIDE (UNO) (GD)	•	DRAINAGE PIPES TO RAINWATER TANK SUBSOIL DRAINAGE (AGG. LINE)	
		DRAINAGE PIPES VIA GRAVITY	

DOWNPIPE LEGEND
(RP) INDICATES DOWNPIPE TO RWT
150/ - INDICATES DOWNPIPE DIAMETER

- DP 150 INDICATES DOWNPIPE DIRECTLY TO OSD TANK INDICATES DOWNPIPE DIAMETER
- COUNTRIPE PENETRATING FLOOR SLAB
- O DOWNPIPE COMMENCING BELOW FLOOR SLAB
- SPREADER



BASEMENT LEVEL 1 PLAN

1:150 AT A1 1:300 AT A3

DESIGN	ED BY	CHECKED BY	No. IN SET	JOB NUMBER
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E.ZH/	ISSUED	FOR D.CHENG	10	240328_SW
		SCALE - SIZE	REVISION	DRAWING No.
		AS NOTED - A1		014/202
			В	500202







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PADSTOW



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1 Л 1		PIPE	- -	

- (RP) _____ INDICATES DOWNPIPE TO RWT
- 150 INDICATES DOWNPIPE DIAMETER
- DP 150 INDICATES DOWNPIPE DIRECTLY TO OSD TANK INDICATES DOWNPIPE DIAMETER

240328_SW

DRAWING No.

SW204

- COMUNITY OF A DOWNPIPE PENETRATING FLOOR SLAB
- O DOWNPIPE COMMENCING BELOW FLOOR SLAB
- SPREADER





		PUMP SY	STEM D	ESIGN	
Project: Dur Job No: .ocation:	Proposed Residential D 240328_SW 19-23 SEGERS AVENUE	evelopment E PADSTOW			
Storage/Di	scharge Calculation				
Jorage/Di	scharge Galculation.	•		2	
	Are a draining to F	Pump System =	32	m²	
	Additional allowance for v	vaterseepage=	70	m²	
	Total Area de	signed to cater	102	m²	
	Run	off coefficient =	0.9	Noto: Painfall du	ration data for Sudnov
		Intensity	Discharge	Note. Rainian dui	allon dala for Sydney
	Duration	100yr ARI	Rate	Volume	
	(min & hr)	(mm/hr)	(I/sec)	(m ³)	
	5	204.00	4.91	1.47	
	6	195.00	4.70	1.69	
	7	186.00	4.48	1.88	
	8	178.00	4.29	2.06	
	9	171.00	4.12	2.22	
	10	164.00	3.95	2.37	
	11	158.00	3.81	2.51	
	12	152.00	3.66	2.64	
	13	147.00	3.04	2.70	
	14	137.00	3.30	2.03	
	16	132.00	3.18	3.05	
	17	128.00	3.08	3.14	
	18	124.00	2.99	3.23	
	20	117.00	2.82	3.38	
	25	103.00	2.48	3.72	
	30	92.20	2.22	4.00	
	35	83.70	2.02	4.23	
	40	76.80	1.85	4.44	
	40	66.40	1./1	4.03	
	55	62 40	1.50	4.96	
	60	59.00	1.42	5.12	
	75	51.00	1 23	5 53	
	15	01.00	1.20	5.00	
	90	45.40	1.09	5.90	
	2.0	37.90	0.91	0.57	
	4.0	25.00	0.61	8.84	
	5.0	22.70	0.55	9.84	
	6.0	20.70	0.50	10.77	
	8.0	18.10	0.44	12.55	
	10.0	16.30	0.39	14.13	
	12.0	15.00	0.36	15.61	
	14.0	14.00	0.34	16.99	
	16.0	13.20	0.32	18.31	
	18.0	12.50	0.30	19.51	
	20.0	11.90	0.29	20.03	
	22.0	10.90	0.27	21.74	
	36.0	8.78	0.21	27.40	
	48.0	7.39	0.18	30.75	
	60.0	6.36	0.15	33.08	
	72.0	5.57	0.13	34.77	

DRAWING TITLE	APPROX TRUE NORTH	REVISION	DATE	DESCRIPTION
OSD AND PUMP-OUT SYSTEM CALCULATION & DETAILS		A	16.04.2025	PRELIMINIARY ISSUE
PROPOSED RESIDENTIAL FLAT BUILDING	N	В	28.04.2025	ISSUED FOR DEVELOPMENT APPLICATION
Lots 19-21, 19-23 SEGERS AVENUE, PADSTOW				

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В	SW301

JOB NUMBER

DRAWING TITLE	APPROX TRUE NORTH	REVISION	DATE	DESCRIPTION
STORMWATER DETAILS		A	16.04.2025	PRELIMINIARY ISSUE
PROPOSED RESIDENTIAL FLAT BUILDING	N	В	28.04.2025	ISSUED FOR DEVELOPMENT APPLICATION
Lots 19-21, 19-23 SEGERS AVENUE, PADSTOW				

Commission of the state of the

- PAVED AREA DRAINING TO STORMFILTER TANK = 464.0m²

= 1162.1m²

- PAVED AREA TO BY-PASS STORMFILTER TANK **= 18.9m**²

- PERVIOUS AREA DRAINING TO STORMFILTER TANK = 397.8m²

-PERVIOUS AREA TO BY-PASS STORMFILTER TANK = 375.2m²

- DRIVEWAY AREA DRAINING TO STORMFILTER TANK = 50.1m²

- DRIVEWAY AREA TO BY-PASS STORMFILTER TANK = 32.1m²

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DRAWING TITLE	APPROX TRUE NORTH	REVISION	DATE	DESCRIPTION
WATER QUALITY CATCHMENT PLAN		A	16.04.2025	PRELIMINIARY ISSUE
PROPOSED RESIDENTIAL FLAT BUILDING	N	В	28.04.2025	ISSUED FOR DEVELOPMENT APPLICATION
Lots 19-21, 19-23 SEGERS AVENUE, PADSTOW				

DESIGNED BY		CHECKED BY	No. IN SET	JOB NUMBER
D.BETROS			40	040200 0144
E.ZHANG	ISSUED FOR	D.CHENG	10	240328_5W
		SCALE - SIZE	REVISION	DRAWING No.
		AS NOTED - A1	_	014/4/04
		AGNOILD-AI	В	500401

DRAWING TITLE	APPROX TRUE NORTH	REVISION	DATE	DESCRIPTION
SEDIMENT CONTROL PLAN		А	16.04.2025	PRELIMINIARY ISSUE
PROPOSED RESIDENTIAL FLAT BUILDING	N	В	28.04.2025	ISSUED FOR DEVELOPMENT APPLICATION
Lots 19-21, 19-23 SEGERS AVENUE, PADSTOW				

- NOTE: PLACE STOCKPILES MORE THAN 2 (PREFERABLY 5) METRES FROM EXISTING VEGETATION, CONCENTRATED WATER FLOW, ROADS AND HAZARD AREAS.
- CONSTRUCT ON THE CONTOUR AS LOW, FLAT, ELONGATED MOUNDS. WHERE THERE IS SUFFICIENT AREA, TOPSOIL STOCKPILES SHALL BE LESS THAN 2 METRES IN HEIGHT.
- WHERE THEY ARE TO BE IN PLACE FOR MORE THAN 10 DAYS, STABILIZE FOLLOWING THE APPROVED ESCP OR SWMP TO REDUCE THE C-FACTOR TO LESS THAN 0.10.
- CONSTRUCT EARTH BANKS (LOW FLOW) ON THE UPSLOPE SIDE TO DIVERT WATER AROUND STOCKPILES AND SEDIMENT FENCES 1 TO 2 METRES ON THE DOWNSLOPE.

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GENERAL NOTES

APPROVED BY ROBERT ELTOBBAGI BE(Civil) MIEAust CPEng NER(1052208) RPEQ(25464) APEC Engineer IntPE(Aus) Alle

CLIENT SID SOLOMAN ARCHITECT

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SANDBAG - KERB SEDIMENT TRAP NTS

DRAWING TITLE	APPROX TRUE NORTH	REVISION	DATE	DESCRIPTION DESI	SIGNED BY		CHECKED BY	No. IN SET	JOB NUMBER
SEDIMENT CONTROL DETAILS		A	16.04.2025	PRELIMINIARY ISSUE	D.BETROS			40	040200 014
PROPOSED RESIDENTIAL FLAT BUILDING	N	В	28.04.2025	ISSUED FOR DEVELOPMENT APPLICATION	E.ZHANG	ISSUED FOR	D.CHENG	10	240328_577
Lots 19-21, 19-23 SEGERS AVENUE, PADSTOW						DA	SCALE - SIZE	B	DRAWING No. SW502

THREE LAYERS OF - SANDBAGS WITH ENDS

STABILIZED SITE ACCESS

STRIP THE TOPSOIL, LEVEL THE SITE AND COMPACT THE SUBGRADE COVER THE AREA WITH NEEDLE-PUNCHED GEOTEXTILE CONSTRUCT A 200mm THICK PAD OVER THE GEOTEXTILE USING ROAD BASED OR 30mm AGGREGATE ENSURE THE STRUCTURE IS AT LEAST 15m LONG OR TO BUILD ALIGNMENT AND AT LEAST 3 METRES WIDE. WHERE A SEDIMENT FENCE JOINS ONTO THE STABILIZED ACCESS, CONSTRUCT A HUMP IN THE STABILIZED ACCESS TO DIVERT WATER TO THE SEDIMENT FENCE.