STORMWATER MANAGEMENT PLAN (FOR DA) PROPOSED MIXED USE DEVELOPMENT Lot 101, No.21-25 WOODRIFF STREET, PENRITH

GENERAL NOTES

- **1.** 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.
- 3. ALL MATERIALS AND WORKMANSHIP TO BE IN ACCORDANCE WITH AS/NZS 3500.3:2003 STORMWATER DRAINAGE. BCA AND LOCAL COUNCIL POLICY/CONSENT/REQUIREMENTS.
- 4. 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.

- 6. ALL STORMWATER DRAINAGE PIPES ARE TO BE UPVC AT MINIMUM 1% GRADE UNLESS NOTED OTHERWISE.
- 7. 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.
- 8. ALL PITS WITHIN DRIVEWAYS TO BE 150mm THICK CONCRETE OR EQUAL
- **9.** THIS PLAN IS THE PROPERTY OF DONOVAN ASSOCIATES AND MAY NOT BE USED OR REPRODUCED WITHOUT WRITTEN PERMISSION FROM DONOVAN ASSOCIATES.

PLAN SPECIFIC 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 3500.3:2003 THEN HAS THE FOLLOWING REQUIREMENTS:

i) FOR TYPICAL STANDARD QUAD GUTTER WITH Ae = 6000mm² AND GUTTER SLOPE 1:500 AND STEEPER. THIS REQUIRES ONE DOWNPIPE PER 30m² ROOF AREA.

ii) DOWNPIPES TO BE MINIMUM 90mm DIA. OR 100 x 50mm FOR GUTTERS SLOPE 1:500 AND STEPPER.

iii) OVERFLOW METHOD TO FIGURE G1 OF AS 3500.3:2003

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 3500.3:2003 AND SECTIONS 3.5.3, 3.7.5 AND APPENDIX G OF AS 3500.3:2003
- 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		LEGEND	GRATED TRENCH DRAIN
SURFACE INLET PIT (WITH ENVIROPOD 200 MICRON)			ABSORPTION TRENCH
ACCESS GRATE (WITH ENVIROPOD 200 MICRON)		PD	PROPOSED ROOF GUTTER FALL
450 SQUARE INTERVAL	450 X 450	STORMWA	ATER PIPE 100mm DIA. MIN. UNO
GRATE LEVEL = 75.50	SL 75.50		SUBSOIL PIPE
INVERT LEVEL = RL 75.20	IL 75.20		EXISTING STORMWATER PIPE
PROPOSED DOWNPIPE 90mm DIA. OR 100mm x 50mm MIN.	DP 90		INSPECTION RISER
NATURAL GROUND FINISHED DESIGN LEVEL	× 10.00		RAINWATER HEAD

|--|



THE MINIMUM PIPE VELOCITY SHOULD BE 0.6 m/s AND A MAXIMUM PIPE VELOCITY 1.0% FOR PIPES LESS THAN 225mm DIA (UNO) ALL PIPES SHOULD BE CUT FLUSH WITH THE WALL OF THE PIT. PITS GREATER THAN 600mm DEEP SHALL HAVE A MINIMUM ACCESS PIPES WITH A GRADIENT GREATER THAN 20% WILL REQUIRE ANCHOR BLOCKS AT OPENING OF 600 x 600mm THE TOP AND BOTTOM OF THE INCLINED SECTION: AND AT INTERVALS NOT THE GRATED COVERS OF PITS LARGER THAN 600 x 600mm ARE TO BE HINGED TO PREVENT THE GRATE FROM FALLING INTO THE PIT. ANCHOR BLOCKS ARE DESIGNED ACCORDING TO CLAUSE 3.5.3 OF AS3500.3-1990 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 MINIMUM COVER TRENCH DRAINS: **100mm SINGLE RESIDENTIAL** CONTINUOUS TRENCH DRAINS ARE TO BE OF WIDTH NOT LESS 300mm ALL OTHER DEVELOPMENTS THAN 150mm AND DEPTH NOT LESS THAN 100mm. THE BARS OF THE GRATING ARE TO BE PARALLEL TO THE DIRECTION OF 450mm WHERE NOT IN A ROAD SURFACE FLOW. 750mm STEP IRONS: PITS BETWEEN 1.2m AND 6m ARE TO HAVE STEP IRONS IN 100mm PLUS DEPTH OF CONCRETE ACCORDANCE WITH AS1657. FOR PITS GREATER THAN 6m SEE AS2032 INSTALLATION OF UPVC PIPES FOR FURTHER INFORMATION. OTHER MEANS OF ACCESS MUST BE PROVIDED. CONCRETE PIPE COVER SHALL BE IN ACCORDANCE WITH AS3725-1989 LOADS ON • PVC PITS: BURIED CONCRETE PIPES, HOWEVER A MINIMUM COVER OF 450mm WILL APPLY. PVC PITS WILL ONLY BE PERMITTED IF THEY ARE NOT A GREATER SIZE THAN 450 x 450mm (MAXIMUM DEPTH 450mm) AND WHERE INSUFFICIENT COVER IS PROVIDED, THE PIPE SHALL BE COVERED AT ARE HEAVY DUTY LEAST 50mm THICK OVERLAY AND SHALL THEN BE PAVED WITH AT LEAST 150mm REINFORCED CONCRETE WHERE SUBJECT TO HEAVY VEHICLE • IN-SITU PITS: IN-SITU PITS ARE TO BE CONSTRUCTED ON A CONCRETE BED OF 75mm THICKNESS OF BRICK OR 100mm OF CONCRETE PAVING WHERE AT LEAST 150mm THICK. THE WALLS ARE TO BE DESIGNED TO SUBJECT TO LIGHT VEHICLE TRAFFIC; OR MEET THE MINIMUM REQUIREMENTS OF CLAUSE 4.6.3 OF 50mm THICK BRICK OR CONCRETE PAVING WHERE NOT SUBJECT TO AS3500.4-1990. PITS DEEPER THAN 1.8m SHALL BE CONSTRUCTED WITH REINFORCED CONCRETE. CONNECTIONS TO STORMWATER DRAINS UNDER BUILDINGS: SHALL BE CARRIED OUT IN ACCORDANCE WITH SECTION 3.10 OF AS3500.3-1990 • GRATES: GRATES ARE TO BE GALVANISED STEEL GRID TYPE. GRATES ARE TO BE OF HEAVY-DUTY TYPE IN AREAS WHERE THEY MAY IF PROPOSED DRAINAGE SYSTEM IS DESIGNED TO CONNECT TO COUNCIL'S BE SUBJECT TO VEHICLE LOADING. DRAINAGE SYSTEM, IT IS ADVISED THAT A 'WORKS PERMIT' IS OBTAINED FROM THE RESPECTIVE COUNCIL PRIOR TO COMMENCEMENT OF WORKS

REVISION	DRAWN	DESCRIPTION	DATE	PLAN BY	CLIENT/ARCHITECT
A	P.WANG	ISSUED FOR DA	12.10.2016		
					ASTINA GROUP PTT LTD
				ΠΟΝΟΥΛΝ	
					ARCHITECT/FOR
				— ASSOCIATES —	MORSON GROUP
					MORSON GROOT

PIT SIZES AND DESIGN

MINIMUM PIT SIZE (mm)
450 x 450
600 x 600
600 x 900
900 x 900 (WITH STEP IRONS)
1200 x 1200 (WITH STEP IRONS)

DRAWING TITLE	APPROVED BY	DESIGNED	CHECKED
DETAILS NOTES & LECEND	SCOTT SHARMA	SS	SS
DETAILS, NOTES & LEGEND	MIEAUST	SHEET SIZE	SCALE
PROJECT TITLE		A1	-
	full that	ISSUE	No. IN SET
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Lot 101, No. 21 - 25 WOODRIFF STREET	JOB REFERENCE	DRAWI	NG No.
PENRITH	E286341	D	1

STANDARD PUMP OUT DESIGN NOTES:

THE PUMP OUT SYSTEM SHALL BE DESIGNED TO OPERATE IN THE FOLLOWING MANNER-

- THE PUMPS SHALL BE PROGRAMMED TO WORK ALTERNATELY 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 THE FLOAT WILL FUNCTION AS AN OFF SWITCH FOR THE PUMPS.

- A SECOND FLOAT HALL 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 BACK-UP IN CASE OF POWER FAILURE.

PUMP-OUT CALCULATIONS

PROPOSED RISING MAIN PIPE DIAMETER:

65mm DIA uPVC 'PRESSURE PIPE' CLASS "12"

SUBMERSIBLE EQUAL TO DAVEY D150 2.2 kW,

= 7.10 m

= 1.10 m

= 0.60 m

= 8.80 m



1: SIGN SHALL BE IN CLEAR AND

VEHICLES ENTER THE BASEMENT

VISIBLE LOCATION WHERE

WARNING - RED

ALL OTHERS - BLACK

ALTERNATIVELY

240 V, OR EQUIVALENT.

HEAD LOSS

STATIC

FITTINGS

<u>PUMP DUTY</u> : 8.3 l/s AT 8.8 m HEAD

TOTAL

PUMP TYPE

PIPE FRICTION

AS PER AS3500.3. PUMP CONTROL:

USE TWO (2) x PUMPS TO OPERATE

AUTOMATIC WITH FLOAT SWITCHES



NOTE:

COLOURS:



BASEMENT LEVEL 2 1:200





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F	A	P.WANG	ISSUED FOR DA	12.10.2016		ASTINA GROUP PTY LTD	
					DONOVAN		
						ARCHITECT/FOR	
					— ASSOCIATES —	MORSON GROUP	



STORMWATER MANAGEMENT BASEMENT LEVEL 2 FLOOR PLAN

PROPOSED MIXED USE DEVELOPMENT Lot 101, No. 21 - 25 WOODRIFF STREET PENRITH

APPROVED BY	DESIGNED	CHECKED		
COTT SHARMA	SS	SS		
	SHEET SIZE	SCALE		
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SPS 225mm Square Vari-Level Floor Drain With Side-Outlet Lower Body

SPECIFICATION CODE: Q225AB/C150 (ALUMINIUM-BRONZE GRATE, CI LOWER BODY) Q225N/C150 (NICKEL-BRONZE GRATE, CI LOWER BODY) Q225S/C150 (316 STAINLESS STEEL GRATE, CI LOWER BODY) FOR A 100MM OUTLET, USE SUFFIX "C100" NOT "C150"

HEIGHT ADJUSTMENT: MIN. 32mm MAX. 80mm**





TOPPING / TILING / PAVIN

FLOOR WASTE (SPS) - FW (TYPICAL)

100mm DIA 'VERTICAL DROPPER' TO BASEMENT LEVEL 2 FLOOR ON SHEET 'D2' (TYPICAL)

NOTE: ALL PROPOSED GRATED DRAINS ON BASEMENT LEVEL 1 TO BE MINIMUM 100mm WIDE (UNLESS OTHERWISE NOTED



BASEMENT LEVEL 1 1:200

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					ARCHITECT/FOR	
				— ASSOCIATES —	MORSON GROUP	
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STORMWATER MANAGEMENT BASEMENT LEVEL 1 FLOOR PLAN

PROPOSED MIXED USE DEVELOPMENT Lot 101, No. 21 - 25 WOODRIFF STREET PENRITH

RAINWATER RE-USE TANK - RWT (AS PER COUNCIL REQUIREMENTS)

SIZE: 3,040 LITRES (MIN) SLIMLINE TANK BY "TANKWORKS" OR SIMILAR (2300L x 700W x 2020H) INSTALL TO MANUFACTURES SPECIFICATIONS, AS3500 AND

COUNCIL REQUIREMENTS

- FOR IRRIGATION RE-USE
- ENSURE SUFFICIENT HEAD FOR THE SYSTEM TANK TO BE INSTALLED BY LICENSED PLUMBER IN ACCORDANCE WITH AS/NZS 3500:2003 AND NSW CODE OF PRACTICE PLUMBING AND DRAINAGE 2006

NOTE: ALL PROPOSED GRATED DRAINS ON GROUND LEVEL TO BE 300mm WIDE

OSD WARRANT

LGA: PENRITH COUNCIL SOURCE: STORMWATER DRAINAGE FOR BUILDING DEVELOPMENTS APPENDIX D - ON SITE DETENTION AREA SUBJECT SITE FALLS OUTSIDE OSD AREA, AS CONFIRMED BY DISCUSSION WITH PENRITH COUNCIL DEVELOPMENT ENGINEER BRADLEY DEKRUIF, DATED15.07.2016

THEREFORE NO OSD REQUIRED

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1	A	P.WANG	ISSUED FOR DA	12.10.2016			STORMWATER MANAGEMENT	SCOTT SHARMA	SS	SS
						ASTINA GROUP PTT LTD	ROOF PLAN	MIEAust	SHEET SIZE	SCALE
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						ARCHITECT/FOR		Jul Raa	ISSUE	No. IN SET
					— ASSOCIATES —			0	A	10
						MORSON GROOP	Lot 101, No. 21 - 25 WOODRIFF STREET	JOB REFERENCE	DRAWI	NG No.
							PENRITH	E286341	D	6

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PAVED AREA

DRIVEWAY AREA (1) = 55.0m² - TO ENVIROPOD & STORMFILTER

PAVED AREA (2) = 25.0m² - TO ENVIROPOD ONLY (GROUND FLOOR)

PAVED AREA (1) = 180.0m² - TO ENVIROPOD & STORMFILTER (GROUND FLOOR)

LANDSCAPED AREA = 300.0 m² (LEVEL - 1)

LANDSCAPED AREA = 210.0m² - TO ENVIROPD ONLY (GROUND LEVEL)

ROOF AREA = 903.0m²

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					ASTINA GROOF FIT LID
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					ARCHITECT/FOR
				— ASSOCIATES —	MORSON GROUP

DRIVEWAY AREA (2) = 150.0m² - TO ENVIROPOD ONLY

(BALCONY & PRIVATE COURTYARD) = 900.0 m²

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No. 21- 25 WOODRIFF STREET, PENRITH - MUSIC MODEL

	SOURCES	RESIDUAL LOAD	% REDU
TOTAL SUSPENDED SOLIDS (kg/yr)	186	25.3	86.
TOTAL PHOSPHORUS (kg/yr)	0.362	0.137	62
TOTAL NITROGEN (kg/yr)	3	1.56	47.
GROSS POLLUTANTS (kg/yr)	36.8	0	100

MUSIC RESULTS

	NERAL NOTES:
1.	INLET AND OUTLET PIPING SHALL BE SPE
	STORMFILTER IS PROVIDED WITH OPENI
2.	IF THE PEAK FLOW RATE, AS DETERMINE
	PRODUCT, AN UPSTREAM BYPASS STRU
3.	THE FILTER CARTRIDGE(S) ARE SIPHON-
	THE ACTUAL NUMBER SHALL BE SPECIFI
	PLANS OR IN DATA TABLE BELOW. PREC
4.	SEE STORMFILTER DESIGN TABLE FOR F
_	CONSTRAINTS, CONTACT STORMWATER
5.	ALL WATER QUALITY PRODUCTS REQUIR
	MINIMUM CLEARANCE FOR MAINTENANC
6.	STRUCTURE AND ACCESS COVERS DESI
7.	THE STRUCTURE THICKNESSES SHOWN
8.	ANY BACKFILL DEPTH, SUB-BASE, AND O
~	SHALL BE SPECIFIED BY SITE CIVIL ENGI
9.	CARTRIDGE HEIGHT IS 460mm (SHOWN).
10	STORMFILTER DESIGN TABLE.
10.	INFORMATION
44	INFURMATION.

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					ASTINA GROOP FIT LTD	
				ΠΟΝΟΥΛΝ		
					ARCHITECT/FOR	
				— ASSOCIATES —	MORSON GROUP	

ECIFIED BY SITE CIVIL ENGINEER (SEE PLANS) AND PROVIDED BY CONTRACTOR. INIGS AT INIE TAND OUTLE LOCATIONS. ED BY THE SITE CIVIL ENGINEER, EXCEEDS THE PEAK HYDRAULIC CAPACITY OF THE UCTURE IS REQUIRED. PLEASE CONTACT STORMWATER360 FOR OPTIONS. I-ACTUATED AND SELF-CLEANING.

ED BY THE SITE CIVIL ENGINEER ON SITE CAST STRUCTURE TO BE CONSTRUCTED IN ACCORDANCE WITH AS3600. REQUIRED HYDRAULIC DROP. FOR SHALLOW, LOW DROP OR SPECIAL DESIGN

R360 FOR DESIGN OPTIONS. E PERIODIC MAINTENANCE AS OUTLINED IN THE O&M GUIDELINES. PROVIDE ACCESS GNED TO MEET AUSTROADS T44 LOAD RATING WITH 0.0m TO 2.0m FILL MAXIMUM

N ARE FOR REPRESENTATIONAL PURPOSES AND VARY REGIONALLY. OR ANTI-FLOTATION PROVISIONS ARE SITE-SPECIFIC DESIGN CONSIDERATIONS AND CARTRIDGE HEIGHT AND ASSOCIATED DESIGN PARAMETERS PER

AL MAXIMUM AND CAN BE REDUCED. CONTACT STORMWATER360 FOR FURTHER IONE: 1300 354 722 OR WWW.STORMFILTER360.COM.AU

DUST CONTROL:

- NOTE: DURING EXCAVATION, DEMOLITION AND CONSTRUCTION, ADEQUATE MEASURES SHALL BE TAKEN TO PREVENT DUST FROM AFFECTING THE AMENITY OF THE NEIGHBORHOOD.
- THE FOLLOWING MEASURES MUST BE ADOPTED:
- . PHYSICAL BARRIERS SHALL BE ERECTED AT RIGHT ANGLES TO PREVENT WIND DIRECTION OR SHALL BE PLACED AROUND OR OVER DUST SOURCES TO PREVENT WIND OR ACTIVITY FROM GENERATING DUST. 2. EARTHWORKS AND SCHEDULING ACTIVITIES SHALL BE MANAGED TO COINCIDE WITH THE NEXT STAGE OF
- DEVELOPMENT TO MINIMISE THE AMOUNT OF TIME THE SITE IS LEFT TO CUT OR EXPOSED.
- 3. ALL MATERIALS SHALL BE STORED OR STOCKPILED AT THE BEST LOCATIONS. 4. THE GROUND SURFACE SHOULD BE DAMPENED SLIGHTLY TO PREVENT DUST FROM BECOMING AIRBORNE BUT
- SHOULD NOT BE WET TO THE EXTENT THAT RUN-OFF OCCURS. 5. ALL VEHICLES CARRYING SOIL OR RUBBLE TO OR FROM THE SITE SHALL AT ALL TIMES BE COVERED TO PREVENT THE ESCAPE OF DUST.
- 6. ALL EQUIPMENT WHEELS SHALL BE WASHED BEFORE EXISTING THE SITE USING MANUAL OR AUTOMATED
- SPRAYERS AND DRIVE THROUGH WASHING BAYS. 7. GATES SHALL BE CLOSED BETWEEN VEHICLE MOVEMENTS SHALL BE FITTED WITH SHADE CLOTH.
- 8. CLEANING OF FOOTPATHS AND ROADWAYS SHALL CARRIED OUT DAILY. 9. ALL BUILDERS REFUSE, SPOIL AND/OR MATERIAL UNSUITABLE FOR USE IN LANDSCAPE AREAS SHALL BE REMOVED FROM SITE ON COMPLETION OF THE BUILDING WORKS.

NOTES:

- 1. ALL EROSION AND SEDIMENT CONTROL MEASURES TO BE INSPECTED AND MAINTAINED DAILY BY SITE MANAGER IN ACCORDANCE WITH COUNCIL REQUIREMENTS.
- 2. ALL STOCKPILES TO BE CLEAR FROM DRAINS,
- GUTTERS AND FOOTPATHS. 3. DRAINAGE IS TO BE CONNECTED TO
- STORMWATER SYSTEM AS SOON AS POSSIBLE. 4. ROADS AND FOOTPATH TO BE SWEPT DAILY AS
- REQUIRED BY COUNCIL. 5. IF YOU DO NOT COMPLY WITH COUNCIL
- REQUIREMENTS & DOCUMENTATION, YOU MAY BE LIABLE TO PROSECUTION FROM GOVERNMENT AUTHORITIES .

LEGEND:
UNDISTURBED VEGETATION
SEDIMENT FENCE -x-x-x-x-x-x-x-x-x-x-x-x-x-x-x-x-x-x-x
STOCK PILES
STABILIZED SITE ACCESS
MESH & GRAVEL INLET FILTER
WATER DIVERSION
STORMWATER PIT WITH SEDIMENT BARRIER
STORMWATER PIT WITH HAY BALES

SEDIMENT	CONTROL	PLAN
	CONTROL	

PROPOSED MIXED USE DEVELOPMENT Lot 101, No. 21 - 25 WOODRIFF STREET PENRITH

APPROVED BY	DESIGNED	CHECK		
SCOTT SHARMA	SS	SS		
MIEAUST	SHEET SIZE	SCAL		
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SEDIMENT BARRIER AROUND PIT NTS

CONSTRUCTION NOTES:

- FABRICATE A SEDIMENT BARRIER MADE FROM GEOTEXTILE OR STRAW BALES.
- FOLLOW STRAW FILTER AND SEDIMENT FENCE FOR INSTALLATION PROCEDURES FOR THE STRAW BALES OR GEOFABRIC. REDUCE
- THE PICKET SPACING TO 1 METRE CENTRES.
- IN WATERWAYS, ARTIFICIAL SAG POINTS CAN BE CREATED WITH SANDBAGS OR EARTH BANKS AS SHOWN IN THE DRAWING.
- DO NOT COVER THE INLET WITH GEOTEXTILE UNLESS THE DESIGN IS ADEQUATE TO ALLOW FOR ALL WATERS TO BYPASS IT.

MESH AND GRAVEL INLET FILTER

50mm GAP TO ALLOW — OVERTOPPING

CONSTRUCTION NOTES:

- INSTALL FILTERS TO KERB INLETS ONLY AT SAG POINTS FABRICATE A SLEEVE MADE FROM GEOTEXTILE OR WIRE MESH LONGER THAN
- THE LENGTH OF THE INLET PIT AND FILL IT WITH 25mm TO 50mm GRAVEL. FORM AN ELLIPTICAL CROSS-SECTION ABOUT 150mm(h) x 400mm(w).
- PLACE THE FILTER AT THE OPENING LEAVING AT LEAST 100mm SPACE BETWEEN IT AND THE KERB INLET. MAINTAIN THE OPENING WITH SPACER BLOCKS.
- FORM A SEAL WITH THE KERB TO PREVENT SEDIMENT BYPASSING THE FILTER. SANDBAGS FILLED WITH GRAVEL CAN SUBSTITUTE FOR THE MESH OR GEOTEXTILE PROVIDING THEY ARE PLACED SO THAT THEY FIRMLY ABUT EACH OTHER AND SEDIMENT-LADEN WATERS CANNOT PASS BETWEEN.

STABILIZED SITE ACCESS NTS

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REVISION	DRAWN	DESCRIPTION	DATE	PLAN BY	CLIENT/ARCHITECT	DRAWING TITLE	APPROVED BY	DESIGNED	CHECKED
А	P.WANG	ISSUED FOR DA	12.10.2016				SCOTT SHARMA MIEAust	SS	SS
					ASTINA GROOP FIT LTD	SLDIMLINT CONTROL DETAILS		SHEET SIZE	SCALE
				ΠΟΝΟΥΛΝ		PROJECT TITLE		A1	AS NOTED
					ARCHITECT/FOR		full that	ISSUE	No. IN SET
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					MORSON GROUP	Lot 101, No. 21 - 25 WOODRIFF STREET	JOB REFERENCE	DRAWI	NG No.
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-MIN WIDTH 3m-

-BERM (0.3m MIN. HEIGHT)