STORMWATER MANAGEMENT PLAN (FOR DA) PROPOSED ATTACHED DUAL OCCUPANCY LOT 6, No.52 SOUTH STREET, KATOOMBA

PIPE SIZE:

PIPE GRADE:

THE MINIMUM PIPE SIZE SHALL BE

OF 6.0 m/s DURING THE DESIGN STORM

THE MINIMUM PIPE GRADE SHALL BE:

UNPAVED AREAS ON THE PROPERTY

• 1.0% FOR PIPES LESS THAN 225mm DIA (UNO)

0.5% FOR ALL LARGER PIPES (UNO)

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.
 - 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

- 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.

- 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

011111111111111	GRATED TRENCH DRAIN	LEGEND		SURFACE INLET PIT
	ABSORPTION TRENCH			SURFACE INLET PIT (WITH ENVIROPOD 200 MICRON)
— ►	PROPOSED ROOF GUTTER FALL		[00]	ACCESS GRATE
⊢● SP	PROPOSED DOWNPIPE SPREADER	1		(WITH ENVIROPOD 200 MICRON)
	IWATER PIPE 100mm DIA. MIN. UNO	STORM	450 X 450	450 SQUARE INTERVAL
 a a 	SUBSOIL PIPE		SL 75.50	GRATE LEVEL = 75.50
 sw 	EXISTING STORMWATER PIPE		IL 75.20	INVERT LEVEL = RL 75.20
O IR	INSPECTION RISER		• (DP) 90	PROPOSED DOWNPIPE 90mm DIA. OR 100mm x 50mm MIN.
RWH	RAINWATER HEAD		× 10.00	NATURAL GROUND FINISHED DESIGN LEVEL

DRAINAGE NOTES

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

• 90mm DIA WHERE THE LINE ONLY RECEIVES ROOFWATER RUNOFF; OR

100mm DIA WHERE THE LINE RECEIVES RUNOFF FROM PAVED OR

THE MINIMUM PIPE VELOCITY SHOULD BE 0.6 m/s AND A MAXIMUM PIPE VELOCITY

ANCHOR BLOCKS ARE DESIGNED ACCORDING TO CLAUSE 3.5.3 OF AS3500.3-1990

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 PAVED DRIVEWAY	450mm WHERE NOT IN A ROAD 600mm 750mm 100mm PLUS DEPTH OF CONCRETE

SEE AS2032 INSTALLATION OF UPVC PIPES FOR FURTHER INFORMATION.

CONCRETE PIPE COVER SHALL BE IN ACCORDANCE WITH AS3725-1989 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 3.10 OF AS3500.3-1990

CONNECTIONS TO COUNCIL SYSTEM:

IF PROPOSED DRAINAGE SYSTEM IS DESIGNED TO CONNECT TO COUNCIL'S DRAINAGE SYSTEM. IT IS ADVISED THAT A 'WORKS PERMIT' IS OBTAINED FROM THE RESPECTIVE COUNCIL PRIOR TO COMMENCEMENT OF WORKS

ABOVE GROUND PIPEWORK:

SHALL BE CARRIED OUT IN ACCORDANCE WITH SECTION 6 OF AS3500.3-1990

DRAWING TITLE:	DRAWN	DATE	DESCRIPTION	ISSUE	FOR	APPROVED BY:
DETAILS, NOTES &	J.Z. 2	2021.09.03	ISSUED FOR DA	А	EDWIN JOSEPH PTY LTD	
	J.Z. 2	2021.10.20	S/W REVISIONS	В	SITE ADDRESS:	
LEGEND	J.Z. 2	2022.05.10	REVISED TO UPDATED ARCHITECT. DESIGN & COUNCIL'S REQ'TS	С	LOT 6, No.52	
COPYRIGHT - THIS DRAWING REMAINS THE PROPERTY					SOUTH STREET	
OF DONOVAN AND MAY NOT BE ALTERED IN ANY WAY WITHOUT DONOVAN ASSOCIATES WRITTEN CONSENT.	PROJ	IECT	PROPOSED ATTACHED DUAL OCCUPANCY		КАТООМВА	JOHN DONOVAN. M.I.E. Aust. C.P.

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.

PVC PITS:

PVC PITS WILL ONLY BE PERMITTED IF THEY ARE NOT A GREATER SIZE THAN 450 x 450mm (MAXIMUM DEPTH 450mm) AND ARE HEAVY DUTY

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 4.6.3 OF AS3500 4-1990 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.

	DESIGNED BY	' :	I.M.	ISSUE
	CHECKED BY:		E.K.	C
	SCALE		-	C
	SHEET SIZE		A3	SHEET No.
	CLIENT REF.	DF	RAWING No.	
.P.Eng.	4797	E	323637	D1





DRAINS results prepared from Version 2021.02

PIT / NODE DETA	ILS		Version 8			
Name Max H	GL Max Pond	Max Surfac	Max Pond	Min	Overflow	Constraint
	HGL	Flow Arrivi	Volume	Freeboard	(cu.m/s)	
		(cu.m/s)	(cu.m)	(m)		
N5 980	5.03	0				

SUB-CATCHMENT DETAILS

Name	Max	Paved	Grassed	Paved	Grassed	Supp.	Due to Storm
	Flow Q	Max Q	Max Q	Тс	Тс	Тс	
	(cu.m/s)	(cu.m/s)	(cu.m/s)	(min)	(min)	(min)	
Post Dev	0.005	0.005	0		5	0	0 10% AEP, 5 min burst, Storm 1
Pre dev	0.015	0.007	0.011		5	8	0 10% AEP, 15 min burst, Storm 7
Bypass	0.012	0.006	0.006		5	8	0 10% AEP, 10 min burst, Storm 7

PIPE DETAILS

Name	Max Q	Max V	/	Max U/S	Max D/S	Due to St	orm		
	(cu.m/s)	(m/s)		HGL (m)	HGL (m)				
Pipe100	0.003		1.9	988.718	986.027	10% AEP,	, 15 min burst,	Storm 6	

CHANNEL DETAILS

Name Max Q Max V (cu.m/s) (m/s)

OVERFLOW ROUTE DETAILS

Name Max Q U/S Max Q D/S Safe Q Max D Max DxV Max Widtł Max V Due to Storm 0 0 0.908 OF1 0 0 0 0

Due to Storm

DETENTION BASIN DETAILS

Name Max WL MaxVol Max Q Max Q Max Q Total Low Level High Level 988.9 OSD 0.8 0.003 0.003 0

Run Log for 323637 trial 2 $\,$ run at 12:08:05 on 3/9/2021 using version 2021.02 $\,$

Flows were safe in all overflow routes.

DRAINS - 10% AEP STORM RESULTS

DRAINS results prepared from Version 2021.02

PIT / NOD	DE DETAILS			Version 8			
Name	Max HGL	Max Pond	Max Surfa	Max Pond	Min	Overflov	Co
		HGL	Flow Arriv	i Volume	Freeboa	rd (cu.m/s)	
			(cu.m/s)	(cu.m)	(m)		
N5	986.03		0				
SUB-CATC	CHMENT DE	TAILS					
Name	Max	Paved	Grassed	Paved	Grassed	Supp.	D
	Flow Q	Max Q	Max Q	Тс	Тс	Тс	
	(cu.m/s)	(cu.m/s)	(cu.m/s)	(min)	(min)	(min)	
Post Dev	0.006	0.006	0	5	5	0	0 5%
Pre dev	0.019	0.007	0.014	5	5	8	0 5%

PIPE DETAILS

0.015

Bypass

Max Q Max V Max U/S Max D/S Due to Storm Name (cu.m/s) (m/s) HGL (m) HGL (m) Pipe100 0.004 1.95 988.778 986.029 5% AEP, 15 min burst, Storm 6

0.008

5

8

CHANNEL DETAILS

Name Max Q Max V Due to Storm (cu.m/s) (m/s)

0.007

OVERFLOW ROUTE DETAILS

Name Max Q U/S Max Q D/S Safe Q Max D Max DxV Max Width Max V Due to Storm 0 0 0.908 OF1 0 0 0

DETENTION BASIN DETAILS

Name	Max WL	MaxVol	Max Q	Max Q	Max Q
			Total	Low Level	High Level
OSD	988.97	0.9	0.004	0.004	0

Run Log for 323637 trial 2 run at 12:07:33 on 3/9/2021 using version 2021.02

Flows were safe in all overflow routes.

DRAINS - 5% AEP STORM RESULTS

DRAWING TITLE:	DRAWN	DATE	DESCRIPTION	ISSUE	FOR	APPROVED BY:	DESIGNED BY	Y: I.M.	ISSUE
STORMWATER	J.Z.	2021.09.03	ISSUED FOR DA	А	EDWIN JOSEPH PTY LTD		CHECKED BY	/: Е.К.	
	J.Z.	2021.10.20	S/W REVISIONS	В	SITE ADDRESS:		SCALE	AS NOTED	
DETAILS - 2	J.Z.	2022.05.10	REVISED TO UPDATED ARCHITECT. DESIGN & COUNCIL'S REQTS	С	LOT 6, No.52		CLIENT REE		SHEET No.
COPYRIGHT THIS DRAWING REMAINS THE PROPERTY					SOUTH STREET				- D4
OF DONOVAN AND MAY NOT BE ALTERED IN ANY WAY WITHOUT DONOVAN ASSOCIATES WRITTEN CONSENT.	PRO	JECT	PROPOSED ATTACHED DUAL OCCUPANCY		КАТООМВА	JOHN DONOVAN. M.I.E. Aust. C.P.Eng.	4797	E323637	



DRAINS results prepared from Version 2021.02

PIT / NOD	E DETAILS			Version 8			
lame	Max HGL	Max Pond	Max Surfa	Max Pond	Min	Overflow	Constraint
		HGL	Flow Arriv	Volume	Freeboar	rd (cu.m/s)	
			(cu.m/s)	(cu.m)	(m)		
15	986.03		0				
UB-CATC	HMENT DE	TAILS					
lame	Max	Paved	Grassed	Paved	Grassed	Supp.	Due to Storm
	Flow Q	Max Q	Max Q	Тс	Тс	Tc	
	(cu.m/s)	(cu.m/s)	(cu.m/s)	(min)	(min)	(min)	
ost Dev	0.007	0.007	0	5		0	0 2% AEP, 10 min burst, Storm 8
re dev	0.023	0.007	0.016	5		8	0 2% AEP, 10 min burst, Storm 7
Bypass	0.019	0.008	0.011	5		8	0 2% AEP, 10 min burst, Storm 7
PIPE DETA	AILS						
lame	Max Q	Max V	Max U/S	Max D/S	Due to St	torm	
	(cu.m/s)	(m/s)	HGL (m)	HGL (m)			
Pipe100	0.004	2	988.848	986.03	2% AEP,	15 min burs	st, Storm 8

CHANNEL DETAILS

Name Max Q Max V (cu.m/s) (m/s)

OVERFLOW ROUTE DETAILS

Name Max Q U/S Max Q D/S Safe Q Max D Max DxV Max Widtł Max V Due to Storm 0 0.908 OF1 0 0 0 0 0

Due to Storm

DETENTION BASIN DETAILS

Name	Max WL	MaxVol	Max Q	Max Q	Max Q
			Total	Low Level	High Level
OSD	989.04	1.1	0.004	0.004	0

Run Log for 323637 trial 2 run at 12:06:51 on 3/9/2021 using version 2021.02

Flows were safe in all overflow routes.

DRAINS results prepared from Version 2021.02

				version 0				
Name	Max HGL	Max Pond	Max Surfa	Max Ponc	Min	Overf	Overflow	
		HGL	Flow Arriv	i Volume	Freeboa	rd (cu.m	ı/s)	
			(cu.m/s)	(cu.m)	(m)			
N5	986.03		0					
SUB-CAT	CHMENT DE	TAILS						
Name	Max	Paved	Grassed	Paved	Grassed	Supp.		Due
	Flow Q	Max Q	Max Q	Тс	Тс	Тс		
	(cu.m/s)	(cu.m/s)	(cu.m/s)	(min)	(min)	(min)		
Post Dev	0.008	0.008	0	5	;	0	0	1%
Pre dev	0.027	0.008	0.019	5	;	8	0	1%
Bypass	0.022	0.009	0.013	5	5	8	0	1%
Bypass PIPE DETA Name	0.022 AILS Max Q	0.009 Max V	0.013 Max U/S	Max D/S	Due to S	8 itorm	0	1%
Bypass PIPE DETA Name	0.022 AILS Max Q (cu.m/s)	0.009 Max V (m/s)	0.013 Max U/S HGL (m)	Max D/S HGL (m)	Due to S	8 torm	0	1%
Bypass PIPE DETA Name Pipe100	0.022 AILS Max Q (cu.m/s) 0.004	0.009 Max V (m/s) 2.06	0.013 Max U/S HGL (m) 988.918	Max D/S HGL (m) 986.031	Due to S . 1% AEP,	8 torm 15 min l	0 burst,	<u>1%</u>
Bypass PIPE DET/ Name Pipe100 CHANNEI	0.022 AILS Max Q (cu.m/s) 0.004 . DETAILS	0.009 Max V (m/s) 2.06	0.013 Max U/S HGL (m) 988.918	5 Max D/S HGL (m) 986.031	Due to S . 1% AEP,	8 torm 15 min l	0 burst,	1% . , Sto
Bypass PIPE DET/ Name Pipe100 CHANNEI Name	0.022 AILS Max Q (cu.m/s) 0.004 . DETAILS Max Q	0.009 Max V (m/s) 2.06 Max V	0.013 Max U/S HGL (m) 988.918	Max D/S HGL (m) 986.031	Due to S 1% AEP, Due to S	torm 15 min l	0 burst,	<u>1%</u>
Bypass PIPE DET/ Name Pipe100 CHANNEI Name	0.022 AILS Max Q (cu.m/s) 0.004 DETAILS Max Q (cu.m/s)	0.009 Max V (m/s) 2.06 Max V (m/s)	0.013 Max U/S HGL (m) 988.918	Max D/S HGL (m) 986.031	Due to S . 1% AEP, Due to S	8 torm 15 min l torm	0 burst,	, Sto
Bypass PIPE DET/ Name Pipe100 CHANNEI Name OVERFLO	0.022 AILS Max Q (cu.m/s) 0.004 . DETAILS Max Q (cu.m/s) W ROUTE D	0.009 Max V (m/s) 2.06 Max V (m/s) ETAILS	0.013 Max U/S HGL (m) 988.918	Max D/S HGL (m) 986.031	Due to S . 1% AEP, Due to S	8 torm 15 min l	0 burst,	, Sto
Bypass PIPE DET/ Name Pipe100 CHANNEI Name OVERFLO Name	0.022 AILS Max Q (cu.m/s) 0.004 . DETAILS Max Q (cu.m/s) W ROUTE D Max Q U/S	0.009 Max V (m/s) 2.06 Max V (m/s) ETAILS	0.013 Max U/S HGL (m) 988.918	Max D/S HGL (m) 986.031	Due to S . 1% AEP, Due to S Max Dx\	8 torm 15 min l torm / Max \	0 burst,	, Sto

DETEN	TION BASIN DE	TAILS			
Name	Max WL	MaxVol	Max Q	Max Q	Max Q
			Total	Low Level	High Level
OSD	989.12	1.3	0.004	0.004	0

Run Log for 323637 trial 2 run at 12:06:12 on 3/9/2021 using version 2021.02

Flows were safe in all overflow routes.

DRAINS - 2% AEP STORM RESULTS

DRAINS - 1% AEP STORM RESULTS

DRAWING TITLE:	DRAWN	DATE	DESCRIPTION	ISSUE	FOR	APPROVED BY:	DESIGNED BY	': I.M.	ISSUE
STORMWATER	J.Z.	2021.09.03	ISSUED FOR DA	А	EDWIN JOSEPH PTY LTD		CHECKED BY:	E.K.	C
	J.Z.	2021.10.20	S/W REVISIONS	В	SITE ADDRESS:	-	SCALE	AS NOTED	
DETAILS - 3	J.Z.	2022.05.10	REVISED TO UPDATED ARCHITECT. DESIGN & COUNCIL'S REQTS	С	LOT 6, No.52		SHEET SIZE		SHEET No.
					SOUTH STREET				D5
OF DONOVAN AND MAY NOT BE ALTRED IN ANY WAY WITHOUT DONOVAN ASSOCIATES WRITTEN CONSENT.	PRO	JECT	PROPOSED ATTACHED DUAL OCCUPANCY		КАТООМВА	JOHN DONOVAN. M.I.E. Aust. C.P.Eng.	4797	E323637	







- LL 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 3. METRES IN HEIGHT.
- WHERE THEY ARE TO BE IN PLACE FOR MORE THAN 10 DAYS. STABILIZE FOLLOWING Δ 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.

- 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 SANDRAGS OR FARTH 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.

	NTS
CO	NSTRUCTION NOTES:
1.	STRIP THE TOPSOIL, LEVEL
2.	COVER THE AREA WITH NE
3.	CONSTRUCT A 200mm THIC
	BASED OR 30mm AGGREGA
4.	ENSURE THE STRUCTURE I
	AND AT LEAST 3 METRES W
5.	WHERE A SEDIMENT FENCE
	CONSTRUCT A HUMP IN TH

THE SEDIMENT FENCE.

DRAWING TITLE: C	DRAWN	DATE	DESCRIPTION	ISSUE	FOR	APPROVED BY:	DESIGNED BY	': I.M.	ISSUE
SEDIMENT	J.Z. 2	021.09.03	ISSUED FOR DA	А	EDWIN JOSEPH PTY LTD		CHECKED BY:	E.K.	C
	J.Z. 2	021.10.20	S/W REVISIONS	B SITE ADDRESS:	SITE ADDRESS:	SCALE		AS NOTED	
	J.Z. 2022.05.1	022.05.10	10 REVISED TO UPDATED ARCHITECT. DESIGN & COUNCIL'S REQTS	С	c LOT 6, No.52	-	SHEET SIZE		SHEET No.
					SOUTH STREET		CEIENT REL.		D7
OF DONOVAN AND MAY NOT BE ALTERED IN ANY WAY WITHOUT DONOVAN ASSOCIATES WRITTEN CONSENT.	PROJE	CT	PROPOSED ATTACHED DUAL OCCUPANCY		КАТООМВА	JOHN DONOVAN. M.I.E. Aust. C.P.Eng.	4797	E323637	

THE SITE AND COMPACT THE SUBGRADE EDLE-PUNCHED GEOTEXTILE CK PAD OVER THE GEOTEXTILE USING ROAD

IS AT LEAST 15m LONG OR TO BUILD ALIGNMENT VIDE.

E JOINS ONTO THE STABILIZED ACCESS. HE STABILIZED ACCESS TO DIVERT WATER TO