# STORMWATER MANAGEMENT PLAN **PROPOSED ALTERATIONS & ADDITIONS** No.139 HEADLAND ROAD, NORTH CURL CURL

### **GENERAL NOTES:**

- THESE PLANS REMAIN THE PROPERTY OF NY CIVIL ENGINEERING PTY LTD AND ARE SUBJECT TO COPYRIGHT
- ALL DIMENSIONS IN MILLIMETERS UNLESS OTHERWISE STATED. ALL REDUCED LEVELS (SURFACE LEVELS, INVERT LEVELS) AND CHAINAGES ARE IN METERS UNLESS OTHERWISE STATED. DO NOT SCALE OFF THE DRAWINGS, SCALES ARE AS SHOWN, USE FIGURED DIMENSIONS.
- THIS PLAN IS TO BE READ IN JUNCTION WITH LATEST ARCHITECTURAL STRUCTURAL UTILITY AND LANDSCAPE PLANS IN ADDITION TO ANY 3 RELEVANT GEOTECHNICAL, SOIL CLASSIFICATION OR REF/ENVIRONMENTAL REPORTS. ENGINEER IS TO BE NOTIFIED OF ANY DISCREPANCIES QUOTED ON THIS PLAN.
- ALL WORKS SHALL BE CARRIED OUT TO LOCAL COUNCIL'S DEVELOPMENT CONTROL PLAN AND SPECIFICATIONS, AS/NZS 3500.3 AND B.C.A.
- ALL LEVELS SHALL RELATE TO THE ESTABLISHED BM, PM AND/OR LM. ALL EXISTING SERVICES ARE TO BE VERIFIED FOR LOCATION AND DEPTH PRIOR TO COMMENCEMENT OF ANY WORK, CONTRACTOR TO NOIFY DESIGNER OF ANY DISCREPANCIES OF SERVICE LEVELS QUIOTED ON THIS PLAN. ALL SURVEY INFORMATION, BUILDING AND FINISHED SURFACE LEVELS SHOWN IN THESE DRAWINGS ARE BASED ON LEVELS OBTAINED FROM DRAWINGS BY OTHERS.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN ANY PRIOR APPROVAL REQUIRED FROM COUNCIL WITH RESPECT TO POTENTIAL 6. IMPACT ON TREES FOR ANY WORKS SHOWN ON THIS DRAWING PRIOR TO THE COMMENCEMENT OF WORKS. NO TREES SHALL BE REMOVED WITHOUT THE WRITTEN PERMISSION OF COUNCIL.
- THE CONTRACTOR SHALL TAKE ALL DUE CARE TO USE THE ABSOLUTE MINIMUM AREA FOR CONSTRUCTION AND THAT NO UNDUE DAMAGE IS DONE TO THE EXISTING VEGETATION.
- THE CONTRACTOR SHALL COMPLY WITH CONDITIONS, AND SPECIFICATION OF COUNCIL AND ALL ACTS OF THE NSW EPA. 8
- 9 THE CONTRACTOR SHALL TAKE ALL REASONABLE CARE TO PROTECT EXISTING SERVICES. DAMAGED SERVICES SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE
- 10. ALL NEW WORK IS TO MAKE A SMOOTH JUNCTION WITH EXISTING WORK
- SUITABLE WARNING SIGNS AND BARRICADES ARE TO BE PROVIDED IN ACCORDANCE WITH THE AUSTRALIAN STANDARDS AND AS DIRECTED BY THE RELEVANT AUTHORITY
- SERVICES SHOWN ARE INDICATIVE ONLY FROM AVAILABLE INFORMATION AND THE TIME OF SITE INVESTIGATION (IF ANY). THE BUILDER IS TO 12. NOTIFY ENGINEER OF ANY DISCREPANCIES OUOTED ON THIS PLAN
- RESTORE ALL TRAFFIC AREAS TO PRE EXISTING CONDITION. FOR ALL SURFACES OTHER THAN IN TRAFFIC AREAS RESTORE DISTURBED 13. SURFACES TO PRE-EXISTING CONDITION AND COMPACT AS SPECIFIED.
- RESTORE ALL AUTHORITY OWNED AREAS TO COUNCIL AND/OR AUTHORITY STANDARD AND SPECIFICATION.
- THE WORK AS CONSTRUCTED WORKS SHALL BE INSPECTED BY THE ENGINEER, MINIMUM 48 HOURS NOTICE SHALL BE PROVIDED FOR ALL 15. INSPECTION REQUESTS.
- THE DESIGN PLANS HEREIN ARE SUBJECT TO COUNCIL APPROVAL PRIOR TO CONSTRUCTION. 16.
- WORK AS CONSTRUCTED DRAWINGS TO BE REQUESTED AND RECEIVED IN CAD/.DWG FILE TYPE AND HARD COPY 'RED LINE' MARKUP FROM 17 CONSTRUCTOR FOR VERIFICATION AND CERTIFICATION.

### **ROOF STORMWATER DRAINAGE NOTES:**

- ALL DOWN PIPES TO BE MINIMUM DN90 OR 100x50MM FOR GUTTERS SLOPE 1:500 AND STEEPER AS PER AS 3500.3 3.7.8
- 2. ALL ROOF GUTTERS TO HAVE OVERFLOW PROVISION IN ACCORDANCE WITH AS 3500.3 AND SECTIONS 3.5.3, 3.7.5 AND APPENDIX G OF AS 3500.3.
- ALL DOWNPIPES TO BE FITTED VERTICALLY TO THE SOLE OF EAVES GUTTERS, RAINHEAD AND/OR SUMP. 3.
- ALL DOWNPIPES TO DRAIN INTO RAINWATER TANK AND OR PIT PRIOR TO DISCHARGE OFFSITE UNLESS PRIOR APPROVAL IS OBTAINED FROM COUNCIL IN WRITING OR NOTED OTHERWISE ON THIS PLAN.
- ALL EAVES GUTTERS TO BE SIZED FOR ARI 20 AS PER AS 3500.3 3.5 AND APPENDIX H.
- 6. ROOF DRAINAGE INSTALLATION TO BE IN ACCORDANCE TO AS 3500.3 SECTION 4.

### STORMWATER DRAINAGE NOTES:

PIPE SIZE:	SURFACE INLET PI	r 🏼		GRATED TRENCH DRAIN	
THE MINIMUM PIPE SIZE SHALL BE:     DN90 FOR ALL DOWNPIPES;     DN100 WHERE THE LINE ONLY RECEIVES ROOF STORMWATER RUNOFF, OR;	SURFACE INLET PI (WITH ENVIROPOD 200 MICRON			ABSORPTION TRENCH	
1.2.         DN100 WHERE THE LINE RECEIVES RUNOFF FROM PAVED OR UNPAVED AREAS.           1.3.         DN100 WHERE THE LINE RECEIVES RUNOFF FROM PAVED OR UNPAVED AREAS.	ACCESS GRATE	-	l	PROPOSED ROOF GUTTER FALL	<b>&gt;</b>
PIPE GRADE:	(WITH GROSS POLLUTANT TRAF	) D		PROPOSED DOWNPIPE SPREADER	⊢● (SP)
1.         THE MINIMUM PIPE GRADE SHALL BE:           1.1.         FOR DN100 - DN150 - 1.00%	450 SQUARE INTERVAL	450 X		STORMWATER PIPE 100mm DIA. MIN. UNO	
1.2.         FOR DN225 - 0.50%           1.3.         FOR DN300 - 0.45%           1.4.         FOR DN375 - 0.35%	GRATE LEVEL = 75.50	) SL 75	5.50	SUBSOIL PIPE	<u> </u>
STANDARD COVER:	INVERT LEVEL = RL 75.20	) IL 75	5.20	EXISTING STORMWATER PIPE	<b></b> sw <b></b>
MINIMUM PIPE COVER FOR PVC PIPES SHALL BE AS PER AS 3500.3 TABLE 6.2.5:     NOT SUBJECT TO VEHICULAR LOADING:	PROPOSED DOWNPIPE 90mm DIA. OR 100mm x 50mm MIN		$\rightarrow$	INSPECTION RISER	<b>O</b> IR
1.1. WITHOUT PAVEMENT SINGLE DWELLINGS - 100mm     1.1.2. WITHOUT PAVEMENT OTHER THAN SINGLE DWELLINGS - 300mm     1.1.3. WITH PAVEMENT (BRICK/PAVERS) AND/OR UNREINFORCED CONCRETE - 100mm	NATURAL GROUND FINISHEI DESIGN LEVEI	~ 110	.00	RAINWATER HEAD	RWH
1.2.2.       ROADS (UNSEALED) - 750mm         1.2.3.       OTHER THAN ROADS (WITH PAVEMENT) - 100mm         1.2.4.       OTHER THAN ROADS (WITHOUT PAVEMENT) - 450mm	PIT SIZ	ZES AND DEPTHS:		JCTURES NOTES:	
PIPE INSTALLATION 1. PIPES AND FITTINGS FOR STORMWATER DRAINAGE SHALL BE AS FOLLOWS:	1.	DEPTH (mm)	AS FOLLOWS: MIN. PIT SIZE (mm)		
FIRE AND THINKS TOKING A STOKING ALL REVEALED FOR USE AN OLLOWS.     FOR PIPE SIZES UP TO DN225 - PVC WITH SOLVENT WELDED JOINTS (IN GROUND).     FOR PIPE SIZES GREATER THAN DN225 - RCP WITH RUBBER RING JOINTS.     FOR LARGER PIPE DEPTHS AS SPECIFIED IN AS 3500.3 - RCP WITH RUBBER RING JOINTS.     FOR PIPES AND FITTINGS FOR SUBSOIL DRAINAGE SHALL BE SLOTTED PVS WITH SOLVENT WELDED JOINTS.     FOR GRATED DRAINS SHALL BE MINIMUM DN150 IN NON-TRAFFICABLE ZONES AND DN225 IN TRAFFICABLE ZONES	MINIMUM DN150.	UP TO 450 450 - 600 600 - 900 900 - 1200	Milk. Pli SLE (mm)           350x350           450x450           600x600           600x900	-	
3. LAY AND JOINT ALL PIPES IN ACCORDANCE WITH THE MANUFACTURING RECOMMENDATIONS AND:		1200+	900x900 (WITH STEP IRONS)		
<ol> <li>AS 3725-1989 - LOADS ON BURIED CONCRETE PIPES</li> <li>AS 2566 - 1988 - BURIED FLEXIBLE PIPELINES</li> <li>AS 1597.2 - 1996 - PRECAST REINFORCED CONCRETE BOX CULVERTS</li> </ol>	<u>PIT DE</u> 1.		CONTINUOUS TRENCH DRAINS A	RE TO BE MIN. DN150 AND MIN. 100mm DEPTH. THE BA	RS OF THE GRATE ARE TO BE PARALLEL
<ol> <li>AS 3500 - 1990 NATIONAL PLUMBING AND DRAINAGE CODE - PART 2 SANITARY PLUMBING AND SANITARY DRA REQUIREMENTS.</li> <li>ALLOW TO TEST ALL PIPES AND PITS TO MANUFACTURERS REQUIREMENTS.</li> </ol>	2.	STEP IRONS: PITS	BE PROVIDED.	HAVE STEP IRONS IN ACCORDANCE WITH AS 1657. FOR	
CONNECTIONS TO STORMWATER SYSTEMS UNDER BUILDINGS: IN ACCORDANCE WITH AS 3500.3 SECTION 9.2	3. 4.	<u>IN-SITU PITS:</u> IN-SI MEET THE MINIMU	TU PITS ARE TO BE CONSTRUC	TED IF THEY ARE MAX. 450x450 AND MAX. 450mm DEPT TED ON A CONCRETE BED OF AT LEAST 150mm THICI 4.6.3 OF AS 3500.4. PITS DEEPER THAN 1.8m SHALL	K. THE WALLS ARE TO BE DESIGNED TO
CONNECTIONS TO COUNCIL STORMWATER SYSTEMS: CONNECTION TO COUNCIL STORMWATER SYSTEM TO BE IN ACCORDANCE TO LOCAL COUNCIL DCP AND STANDARDS. N UNTIL PROPER PERMIT/APPROVALS ARE OBTAINED FROM LOCAL COUNCIL IN WRITING.	NO CONNECTIONS TO BE MADE 5.	CONCRETE. GRATES: GRATES / TO VEHICLE LOADI		GRID TYPE. GRATES ARE TO BE OF HEAVY-DUTY TYPE I	N AREAS WHERE THEY MAY BE SUBJECT
WARNING: EXISTING SERVICES SHOWN ON THESE PLANS ARE NOT GUARANTEED COMPLETE OR CORRECT AND FURTHER INFORM. RELEVANT AUTHORITY AND FIELD INVESTIGATION AND ARE TO BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTIO	ATION IS REQUIRED FROM THE	ALL PITS THAT ARE GRATED COVERS (	IS TO BE CUT FLUSH WITH PIT W E INSTALLED AT GREATER THAN DN PITS GREATER THAN 600mm	600mm DEEP TO BE MIN. 600x600 PIT. TO BE HINGED.	

- 4. BASE OF PIT TO BE SAME LEVEL OF INVERT OF OUTLET
- 5 OUTLET PIPE FROM ANY PIT TO BE 20mm LOWER THAN INLET PIPE/S

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## LEGEND

SHEET SIZE A3		
DESIGNED	SR	E220612
CHECKED	YR	DRAWING No. D1
ISSUE	Α	No. IN SET
SCALE -		9
	DESIGNED CHECKED ISSUE	DESIGNED SR CHECKED YR ISSUE A

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ROAD

HEADLAND

PROVIDE 100mm DIA AG.LINE WRAPPED IN FILTER SOCK

WITH 200mm SURROUND BLUE METAL (10mm) (TYPICAL)

DRIVEWAY

ABOVE

LOWER LEVEL PLAN 1:200

SUBSOIL DRAINAGE TO STRUCTURAL

ENGINEERS DETAILS

SURFACE AREA

SURFACE LEVEL

HED LEVEL

AVERAGE DEPTH STORAGE VOLUME

T.W.L

100mm DIA AT 1%

(MIN) STRAPPED TO POOL

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BELOW GROUND RWT/OSD TANK

<u>OSD</u> 12.75m<sup>2</sup>

RL 37.70

RL 37.30

RL 37.20

RL 36.55

0.65m

8.25m<sup>3</sup>

100mm DIA AT 1%

(MIN) CONTINUED

FROM D3

EXISTING CELLAR

FFL 39.260

100mm DIA AT 1%

(MIN) CONTINUED FROM D3

BOUNDAR

5		

RWT 6m²

RL 37.70

RL 37.40

RL 37.40

RL 36.40

1.0m

6.0m<sup>3</sup>

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POOL

		ONS									
	TOTAL SITE AREA	567.6	m²								
	EXISTING DEVELOP	MENT									
A	ROOF AREA         134.0         m²           PAVED AREA         29.0         m²										
	PAVED AREA	29.0	m²								
	DRIVEWAY AREA	0.0	m²								
	IMPERVIOUS AREA	163.000000	m²								
	TOTAL IMPERVIOUS AREA PERCENTAGI	E 28.717407	%								
	PROPOSED DEVELOR	1									
	PROPOSED ROOF AREA	237.5	m²								
		25.9	m²								
в		35.3 298.700000	m²								
	TOTAL IMPERVIOUS AREA		m²								
	TOTAL INFERVIOUS AREA FERCENTAG	L 52.025000	70								
	DRAINAG		GEND								
	DRAINAGE PIPES VIA GRAVITY     CHARGED DRAINAGE PIPES     65mm DIA CLASS 12 PUMP LINE										
С	CHARGED DRAINAGE PIPE     65mm DIA CLASS 12 PUMP	S LINE	СН	сн сн							
С	CHARGED DRAINAGE PIPE     65mm DIA CLASS 12 PUMP     NOTE: ALL IN GROUND P	S LINE	00mm DIA P	CH CH							
С	CHARGED DRAINAGE PIPE     65mm DIA CLASS 12 PUMP	INE N RISER	00mm DIA P	ch ch							
	CHARGED DRAINAGE PIPE     65mm DIA CLASS 12 PUMP     NOTE: ALL IN GROUND P     INSPECTION RISER (IR)     PROVIDE 'SCREW CAP' INSPECTION	S LINE PIPES TO BE 1 N RISER INES' AVING	U00mm DIA P	сн сн							
	CHARGED DRAINAGE PIPE     65mm DIA CLASS 12 PUMP     NOTE: ALL IN GROUND P     INSPECTION RISER (IR)     PROVIDE 'SCREW CAP' INSPECTION     AT LOWEST POINT OF 'CHARGED L     NOTE: ENSURE ANY PROPOSED PA     IS GRADED SO THAT IT IS NO     IMPACTING ADJOINING	INE INE NRISER INES' AVING DT	00mm DIA P	сн сн							
	CHARGED DRAINAGE PIPE     65mm DIA CLASS 12 PUMP     NOTE: ALL IN GROUND P     INSPECTION RISER (IR)     PROVIDE 'SCREW CAP' INSPECTION     AT LOWEST POINT OF 'CHARGED L     NOTE: ENSURE ANY PROPOSED PA     IS GRADED SO THAT IT IS NO     IMPACTING ADJOINING     PROPERTIES.     NOTE: ALL GRATED DRAINS TO BE	S LINE PIPES TO BE 1 N RISER INES' AVING DT 150mm		CH CH							
	CHARGED DRAINAGE PIPE     65mm DIA CLASS 12 PUMP     NOTE: ALL IN GROUND P     INSPECTION RISER (IR)     PROVIDE 'SCREW CAP' INSPECTION     AT LOWEST POINT OF 'CHARGED L     NOTE: ENSURE ANY PROPOSED PA     IS GRADED SO THAT IT IS NO     IMPACTING ADJOINING     PROPERTIES.     NOTE: ALL GRATED DRAINS TO BE     WIDE UNO	S LINE PIPES TO BE 1 N RISER INES' AVING DT 150mm									
	CHARGED DRAINAGE PIPE     65mm DIA CLASS 12 PUMP     NOTE: ALL IN GROUND P     INSPECTION RISER (IR)     PROVIDE 'SCREW CAP' INSPECTION     AT LOWEST POINT OF 'CHARGED L     NOTE: ENSURE ANY PROPOSED PA     IS GRADED SO THAT IT IS NO     IMPACTING ADJOINING     PROPERTIES.     NOTE: ALL GRATED DRAINS TO BE     WIDE UNO     OSD CALCULAT	IS LINE PIPES TO BE 1 N RISER INES' AVING DT 150mm	ARY								
D	CHARGED DRAINAGE PIPE     65mm DIA CLASS 12 PUMP     NOTE: ALL IN GROUND P     INSPECTION RISER (IR)     PROVIDE 'SCREW CAP' INSPECTION     AT LOWEST POINT OF 'CHARGED L     NOTE: ENSURE ANY PROPOSED PA     IS GRADED SO THAT IT IS NO     IMPACTING ADJOINING     PROPERTIES.     NOTE: ALL GRATED DRAINS TO BE     WIDE UNO     OSD CALCULAT     STORM (AEP)	IS LINE PIPES TO BE 1 N RISER INES' AVING DT 150mm	ARY 20%								
D	CHARGED DRAINAGE PIPE     65mm DIA CLASS 12 PUMP     NOTE: ALL IN GROUND P     INSPECTION RISER (IR)     PROVIDE 'SCREW CAP' INSPECTION     AT LOWEST POINT OF 'CHARGED L     NOTE: ENSURE ANY PROPOSED PA     IS GRADED SO THAT IT IS NO     IMPACTING ADJOINING     PROPERTIES.     NOTE: ALL GRATED DRAINS TO BE     WIDE UNO     OSD CALCULAT     STORM (AEP)     PRE-DEVELOPMENT STATE PSD (L/s)     POST DEVELOPMENT	S LINE PIPES TO BE 1 N RISER INES' AVING DT 150mm 150mm	ARY 20%								

EFORE POST DEVELOPMENT DISCHARGE LIMITED TO STATE IN ANY STORM EVENT UP TO AND INCLUDING 5% AEP



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		A
	HATCHED LANDSCAPED AREA TO BYPASS OSD 172m <sup>2</sup> - TO CONNECT	В
150mm DIA AT 1% (MIN) 600 SQ SIP S.L. 35.90 I.L. 35.40 (SP3)		с
OSD TANK G FFL 37.698 COVERED DECK	DISCHARGE TO ABSORPTION TRENCH AS LEVEL SPREADER	D
100mm DIA AT 1% (MIN) I.L. 35.40		E
100mm DIA CHARGED LINE TO OSD CONTINUED FROM D3 100mm DIA 'CHARGED LINE' TO RWT (TYPICAL) CONTINUED FROM D3		F
ARE FOR CONCEPT ONLY OT FOR CONSTRUCTION	A Pr	G
NAGEMENT PLAN	SHEET SIZE A3 JOB REFERENC	
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OSD TANK

RWT

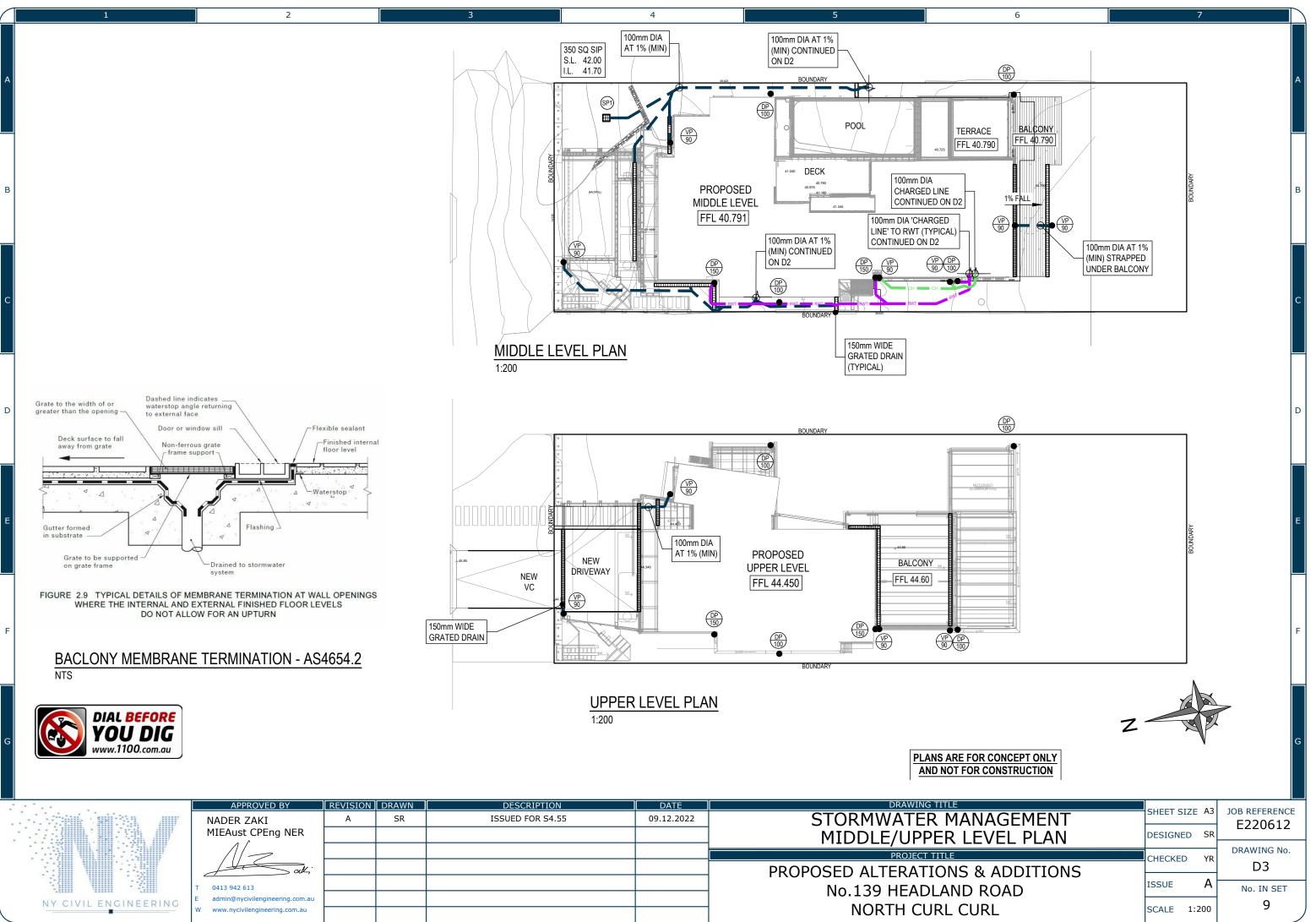
RUMPUS ROOM

FFL 37.712

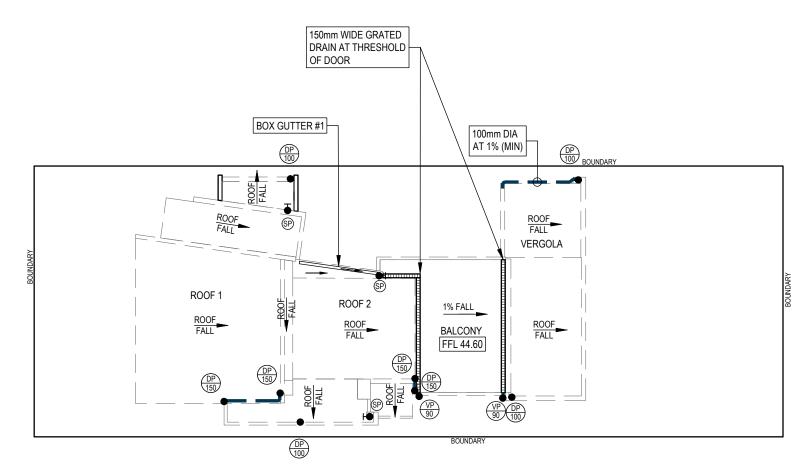
150mm WIDE

(TYPICAL)

GRATED DRAIN



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ROOF PLAN 1:200

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ROOF 1	ROOF DRAINAGE				
• GUTTERING	- CROSS SECTIONAL AREA OF GUTTER TO BE				
DOWN PIPES	GREATER THAN 16,800mm <sup>2</sup> - 150mm DIA PVC OR COLORBOND				
ROOF 2					
GUTTERING	- CROSS SECTIONAL AREA OF GUTTER TO BE GREATER THAN 9.800mm <sup>2</sup>				
DOWN PIPES					
• GUTTERING	- CROSS SECTIONAL AREA OF GUTTER TO BE				
DOWN PIPES	GREATER THAN 7,500mm <sup>2</sup> - 100mm DIA PVC OR COLORBOND				
NOTE: ROOF DESIGNED TO 1% AEP INTENSITY 283 mm/hr					



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PLANS ARE FOR CONCEPT ONLY AND NOT FOR CONSTRUCTION

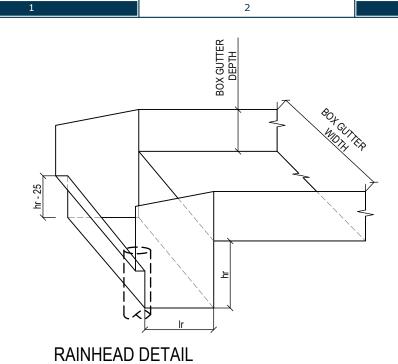
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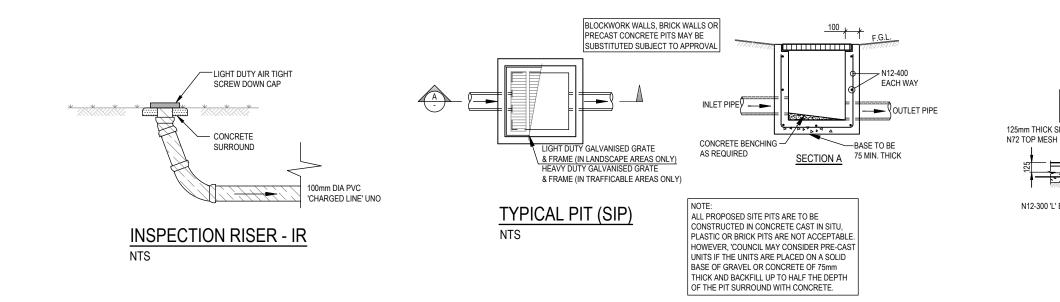
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DIMENSIONS (mm)					
	BOX GUTTER #1				
CATCHMENT AREA TO DOWNPIPE	3m <sup>2</sup>				
BOX GUTTER WIDTH	200				
DEPTH OF BOX GUTTER (AT HP)	68				
DEPTH OF BOX GUTTER (AT RAIN HEAD)	70				
SLOPE OF BOX GUTTER	1:200				
DEPTH OF RAINHEAD (hr)	115				
LENGTH OF RAINHEAD (Ir)	110				
DOWNPIPE DIA	90				
ROOF DRAINAGE DESIGNED FOR 100 YEAR ARI STORM EVENT (I = 283 mm/hr)					

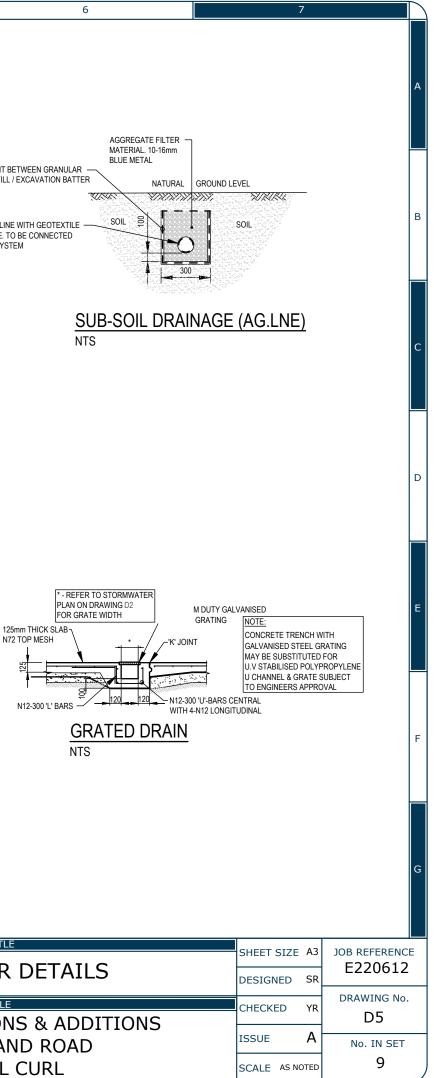
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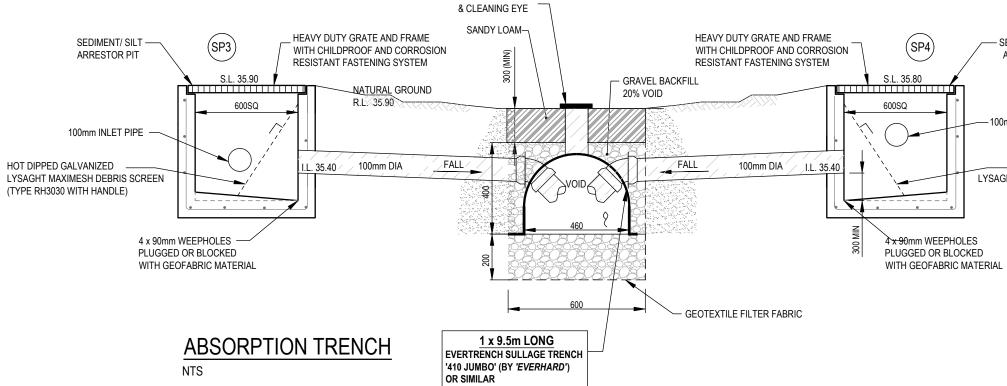
BIDIM A4 FABRIC FULL HEIGHT BETWEEN GRANULAR — BACKFILL & GENERAL BACKFILL / EXCAVATION BATTER

100mm DIA SLOTTED PVC LINE WITH GEOTEXTILE -SLEEVE AT 1% MIN GRADE. TO BE CONNECTED TO SUB SOIL DRAINAGE SYSTEM



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**OBSERVATION RISER** 

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SHEET SIZE	A3	
DESIGNED	SR	E220612
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HOT DIPPED GALVANIZED LYSAGHT MAXIMESH DEBRIS SCREEN (TYPE RH3030 WITH HANDLE) В

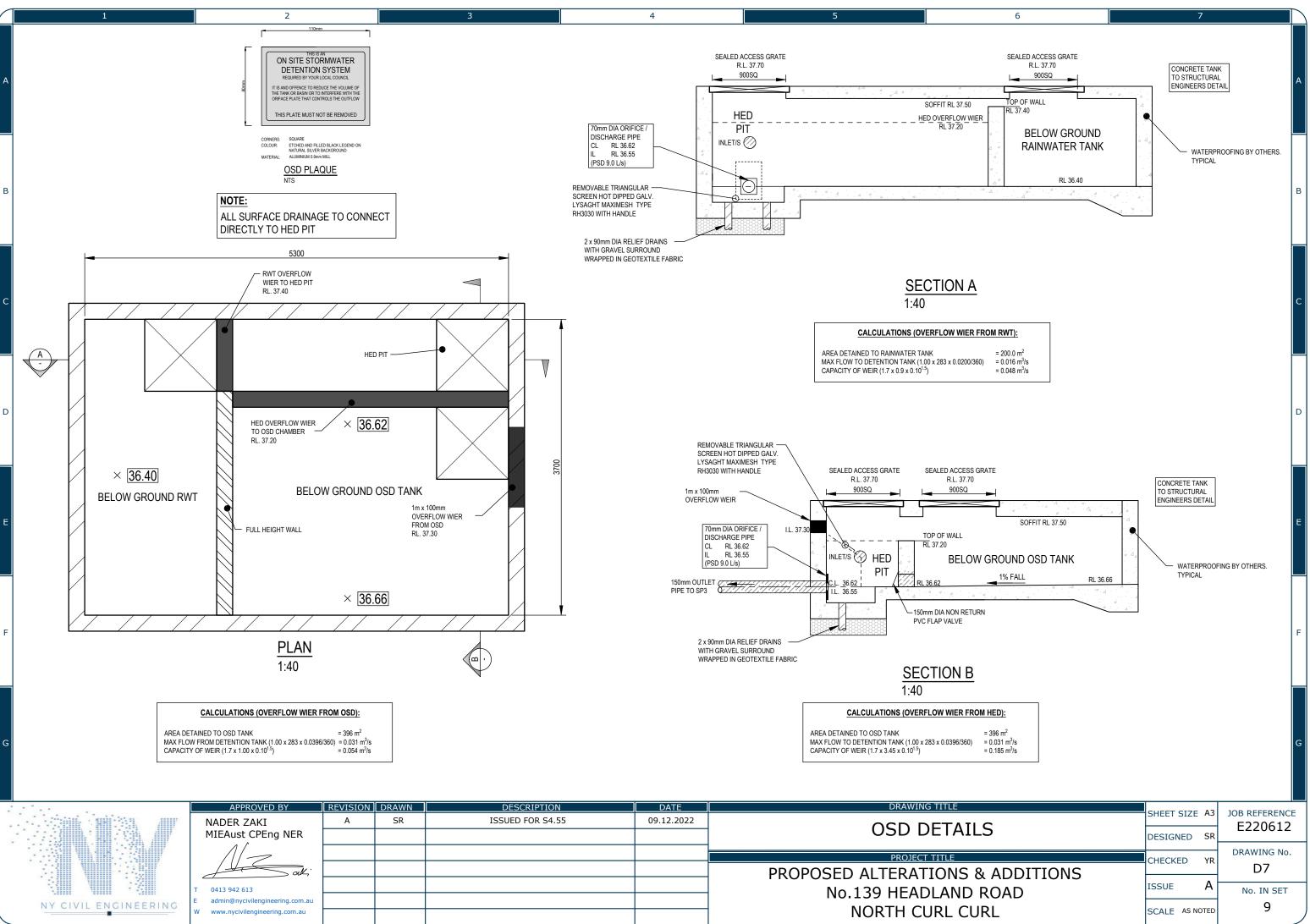
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- 100mm INLET PIPE

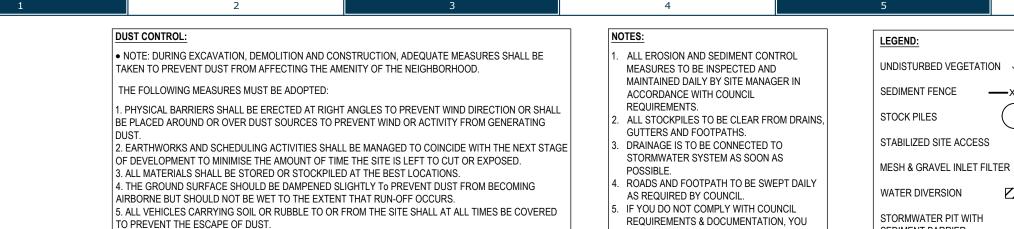
ARRESTOR PIT

- SEDIMENT/ SILT

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6. ALL EQUIPMENT WHEELS SHALL BE WASHED BEFORE EXISTING THE SITE USING MANUAL OR

7. GATES SHALL BE CLOSED BETWEEN VEHICLE MOVEMENTS SHALL BE FITTED WITH SHADE CLOTH.

**REFER TO DETAIL** 

9. ALL BUILDERS REFUSE, SPOIL AND/OR MATERIAL UNSUITABLE FOR USE IN LANDSCAPE AREAS SHALL

AUTOMATED SPRAYERS AND DRIVE - THROUGH WASHING BAYS.

8. CLEANING OF FOOTPATHS AND ROADWAYS SHALL CARRIED OUT DAILY.

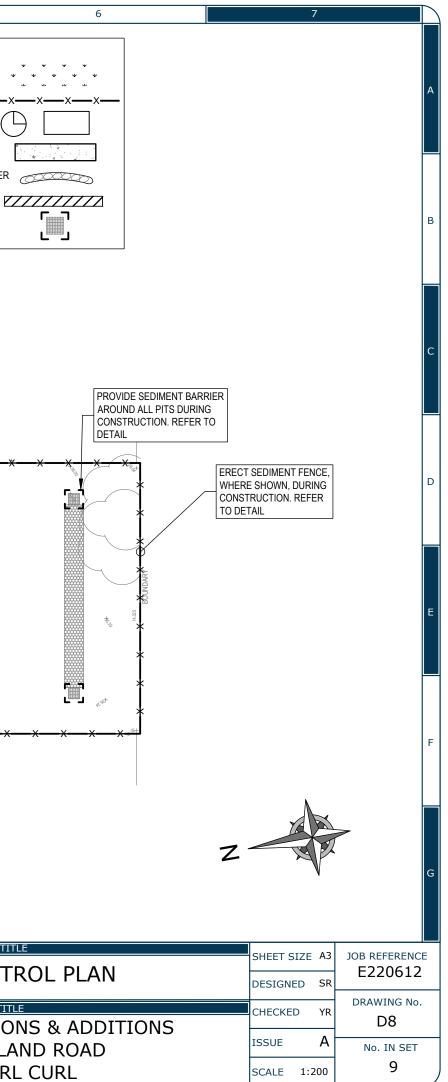
BE REMOVED FROM SITE ON COMPLETION OF THE BUILDING WORKS.

PROVIDE SKIP BIN OR SIMILAR FOR CONSTRUCTION MATERIALS DURING CONSTRUCTION. PROVIDE STABILIZED SITE ACCESS DURING CONSTRUCTION. PROPOSED **REFER TO DETAIL UPPER LEVEL** FFL 44.60 FFL 44.450 ちょち。 Ø ROCK PROVIDE MESH AND GRAVEL INLET FILTER DURING CONSTRUCTION.



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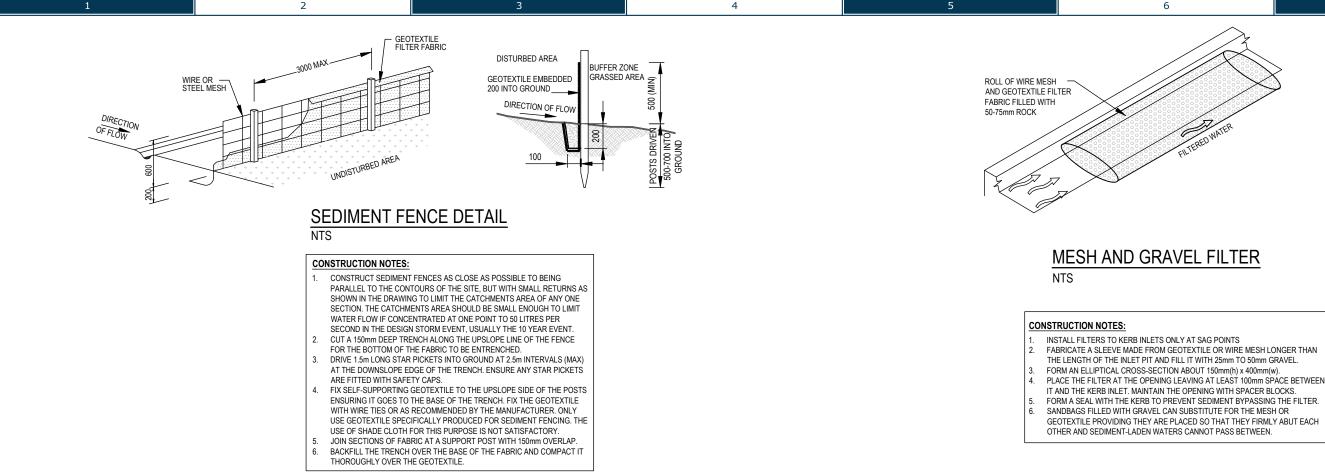
	APPROVED BY	REVISION	DRAWN	DESCRIPTION	DATE	DRAWING TITLE
	NADER ZAKI	A	SR	ISSUED FOR S4.55	09.12.2022	SEDIMENT CONTROL PL
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						PROJECT TITLE
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	T 0413 942 613					No.139 HEADLAND ROA
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	W www.nycivilengineering.com.au					NORTH CURL CURL
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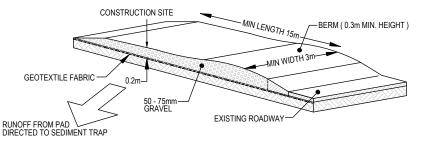


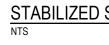
SEDIMENT BARRIER

MAY BE LIABLE TO PROSECUTION FROM

GOVERNMENT AUTHORITIES .



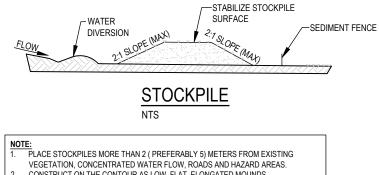




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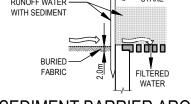
<u>co</u>	NSTRUCTION NOTES:
1.	STRIP THE TOPSOIL, LEVE
2.	COVER THE AREA WITH NE
3.	CONSTRUCT A 200mm THIC
	BASED OR 30mm AGGREG

- AND AT LEAST 3 METERS WIDE.
- THE SEDIMENT FENCE.
- DRAWING TITLE EVISION DRAWN APPROVED BY DESCRIPTION DATE SR **ISSUED FOR S4.55** 09.12.2022 NADER ZAKI SEDIMENT CONTROL D MIEAust CPEng NER PROJECT TITLE **PROPOSED ALTERATIONS & A** No.139 HEADLAND RC 0413 942 613 admin@nycivilengineering.com.au NY CIVIL ENGINEERING NORTH CURL CURL www.nycivilengineering.com.au



CONSTRUCT ON THE CONTOUR AS LOW, FLAT, ELONGATED MOUNDS.

- WHERE THERE IS SUFFICIENT AREA, TOPSOIL STOCKPILES SHALL BE LESS THAN 2 METERS 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 METERS ON THE DOWNSLOPE



### SEDIMENT BARRIER AROUND PIT NTS

### CONSTRUCTION NOTES:

- FABRICATE A SEDIMENT BARRIER MADE FROM GEOTEXTILE OR STRAW BALES
- PROCEDURES FOR THE STRAW BALES OR GEOFABRIC. REDUCE
- THE PICKET SPACING TO 1 METRE CENTRES.
- 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.

- FOLLOW STRAW FILTER AND SEDIMENT FENCE FOR INSTALLATION
- IN WATERWAYS, ARTIFICIAL SAG POINTS CAN BE CREATED WITH

- STAKE RUNOFF WATER



# SITE ACCESS

L THE SITE AND COMPACT THE SUBGRADE EEDLE-PUNCHED GEOTEXTILE

- CK PAD OVER THE GEOTEXTILE USING ROAD ATE
- 4. ENSURE THE STRUCTURE IS AT LEAST 15m LONG OR TO BUILD ALIGNMENT
  - WHERE A SEDIMENT FENCE JOINS ONTO THE STABILIZED ACCESS, CONSTRUCT A HUMP IN THE STABILIZED ACCESS TO DIVERT WATER TO

	SHEET SIZE	А3	JOB REFERENCE
ETAILS	DESIGNED	SR	E220612
ADDITIONS	CHECKED	YR	DRAWING No. D9
CAD	ISSUE	Α	No. IN SET
L	SCALE AS NO	DTED	9

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