GENERAL NOTES

- 1. ALL EROSION & SEDIMENT CONTROL MEASURES ARE TO BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH "THE BLUE BOOK" - SOILS AND CONSTRUCTION, MANAGING URBAN STORMWATER, VOLUME 1, 4^{TH} EDITION.
- 2. EFFECTIVE EROSION AND SILTATION CONTROL DEVICES ARE TO BE INSTALLED PRIOR TO THE COMMENCEMENT OF ANY WORKS AND MAINTAINED FOR THE DURATION OF ALL WORKS UNTIL THE SITE HAS BEEN SUFFICIENTLY STABLISED/REVEGETATED TO PREVENT DISCHARGE OF SEDIMENT AND SEDIMENT LADEN WATERS OFFSITE OR INTO THE STORMWATER SYSTEM.
- 3. INSTALL STABILISED ACCESS AT THE ENTRY/EXIT MARKED ON THE SITE PLANS AND ENSURE ALL VEHICLES USE THE DESIGNATED STABILISED ACCESS WHEN ENTERING AND LEAVING THE SITE.
- 4. ANY MATERIAL THAT IS TRACKED ONTO THE ROADWAY WILL BE REMOVED. A STREET CLEANING SERVICE WILL BE UTILISED DURING ALL STAGES OF WORK UNTIL GROUND SURFACES HAVE BEEN STABILISED.
- 5. CONSTRUCT SEDIMENT FENCES AS CLOSE AS POSSIBLE TO BEING PARALLEL TO THE CONTOURS OF THE SITE (REFER TO THE BLUE BOOK FOR SEDIMENT FENCE CONSTRUCTION NOTES). WHERE POSSIBLE, INSTALL A SECONDARY SEDIMENT FENCE 2,000MM BEHIND THE FIRST FENCE.
- SEDIMENT FENCES REQUIRE REGULAR INSPECTON & MAINTENANCE TO 6. REMOVE SEDIMENT TRAPPED BEHIND FENCES, REINSTATE PICKETS, SECURE AND TIGHTEN FILTER CLOTH.
- INSTALL TEMPORARY SEDIMENT BARRIERS TO ALL STORMWATER INLET PITS LIKELY TO COLLECT SEDIMENT LADEN WATER.
- MESH AND GRAVEL INLET FILTER SEDIMENT TRAPS ARE REQUIRED TO BE PROVIDED SURROUNDING ANY STORMWATER DRAINAGE GUTTER INLET PITS.
- DIVERT UPSLOPE WATER AROUND WORK SITE AND STABILISE 9. CHANNELS.
- 10. SOIL, EARTH, SAND AND GRAVEL ARE NOT TO BE STOCKPILED ON THE ROADWAY OR IN DRAINAGE AREAS.
- 11. SECURELY COVER AND PLACE SEDIMENT FENCING AROUND STOCKPILES TO PREVENT AIRBORNE MOVEMENT, MATERIALS ERODING OR MIGRATING OFFISTE.
- 12. A DESIGNATED WASH AREA MUST BE PROVIDED AND DESIGNED TO BE SLIGHTLY DEPRESSED TO COLLECT WASTE MATERIAL AND PREVENT OFFSITE DISCHARGES OF WASTE WATER.
- 13. THERE SHALL BE NO DISCHARGE OF ANY SEDIMENT LADEN WATER FROM THE SITE WITHOUT PRIOR CONSULTATION AND APPROVAL FROM COUNCIL. REFER TO ANZECC GUIDELINES AND COUNCIL ENVIRONMENTAL HEALTH TRIGGER VALUES FOR WATER QUALITY PARAMETERS.
- 14. STABILISE/REVEGETATE ALL DISTURBED AREAS PROGRESSIVELY WHERE PRACTICAL.
- 15. ALL CONTROLS ARE TO BE MONITORED AND ADJUSTED AS REQUIRED TO REMAIN EFFECTIVE THROUGHOUT THE WORKS.

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EROSION AND SEDIMENT CONTROL PLAN

DRAWING

DRAWING No.	DRAWING TITLE	REV
D00	COVER SHEET, LEGEND, DRAWING SCHEDULE & SPECIFICATIONS	А
D01	EROSION AND SEDIMENT CONTROL PLAN DURING DEMOLITION STAGE	А
D02	EROSION AND SEDIMENT CONTROL PLAN DURING EXCAVATION STAGE	А
D03	EROSION AND SEDIMENT CONTROL PLAN DURING CONSTRUCTION STAGE	А
D04	EROSION AND SEDIMENT CONTROL DETAILS	А

NOTE RE. SERVICES APPROXIMATE LOCATIONS OF EXISTING SERVICES SHOWN

EXACT LOCATIONS & DEPTHS TO BE ACURATELY LOCATED BY BUILDER CONTRACTOR BY CONTACTING THE RELEVANT AUTHORTIES BEFORE COMMENCEMENT OF ANY WORKS

EFORE YOU DI

LEGEND

······	EXISTING CONTOURS SILT FENCE WIRE MESH FENCE
	STABILISED SITE ACCESS
	Ø50 PUMP LINE
	STORMWATER DRAINAGE PIPE
AVT FREE REF. RVT RVT RVT FREE	DOWNPIPE TO RAINWATER TANK
	SERVICE TRENCHES
	RUNOFF FLOW DIRECTION
	SAND BAGS
	HAY BALES
	MESH AND GRAVEL INLET FILTER
	TEMPORARY DOWNPIPE RUNOFF DIRECTION
	SUBSOIL DRAINAGE PIPE (Ø100mm U.N.O)
• DP	DOWN PIPE (Ø100 U.N.O)
• VD	VERTICAL DROP PIPE (Ø100 U.N.O)
• VR	VERTICAL RISER
• IO	INSPECTION OPENING
• CE	CLEANING EYE
	MASONRY/BLOCK RETAINING WALL
⊗ FP	FLUSHING POINT (Ø100 U.N.O)
⊗ FW	FLOOR WASTE (Ø100 U.N.O)
⊗ RWO	RAINWATER OUTLET (Ø300 U.N.O)
⊗ DDO	DISH DRAIN OUTLET (Ø100 U.N.O)
⊗ OF	OVERFLOW FLOOR WASTE (Ø100 U.N.O)
\boxtimes	SEALED PIT
	GRATED INLET PIT
	GRATED DRAIN
	OVERLAND FLOW PATH
• SP	SPREADER TEE CONFIGURATION
SP	SPREADER L CONFIGURATION
\equiv ES	EMERGENCY SPITTER (Ø65 U.N.O)
+	EXISTING LEVEL
- HP	HIGH POINT

ABBREVIATIONS

CL	CENTRELINE LEVEL	OSD
CONV	. PIPE	PRO
CONV	ERTER	PVC
D/S	DOWNSTREAM	RL
DDO	DISH DRAIN OUTLET	RW
DN	DIAMETER	RWT
DP	DOWNPIPE	S/S
EX.	EXISTING	SL
FFL	FINISHED FLOOR	SSL
LEVEI	_	LEVE
GL	GROUND LEVEL	STW
GMS	GALVANISED MILD	ΤK
STEEI		U/S
GSIP	GROUND SURFACE	
INLET	T PIT	
GTD	GRATED TRENCH	
DRAI	N	
	HEADHEIGHT	
HL	HIGH LEVEL	
HP	HIGH POINT	
	INVERT LEVEL	
ΙΟ	INSPECTING OPENING	
JP	JUNCTION PIT	
KIP	KERB INLET PIT	
LL	LOW LEVEL	
	OVERFLOW	
OB	OBVERT LEVEL	

D ON-SITE DETENTION **PROPOSED** POLYVINYLCHLORIDE **REDUCED LEVEL RETAINING WALL** RAINWATER TANK STAINLESS STEEL SURFACE LEVEL STRUCTURAL SLAB STORMWATER TOP OF KERB UPSTREAM





S C H E D U L E

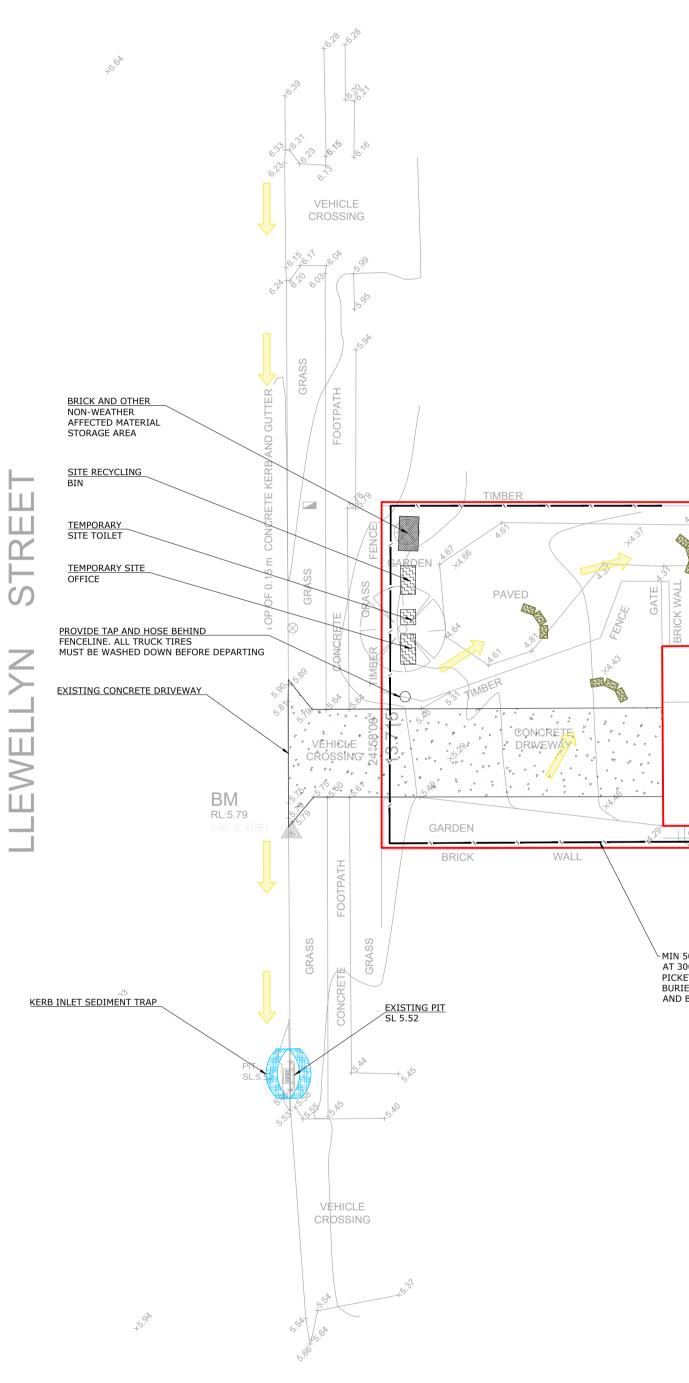


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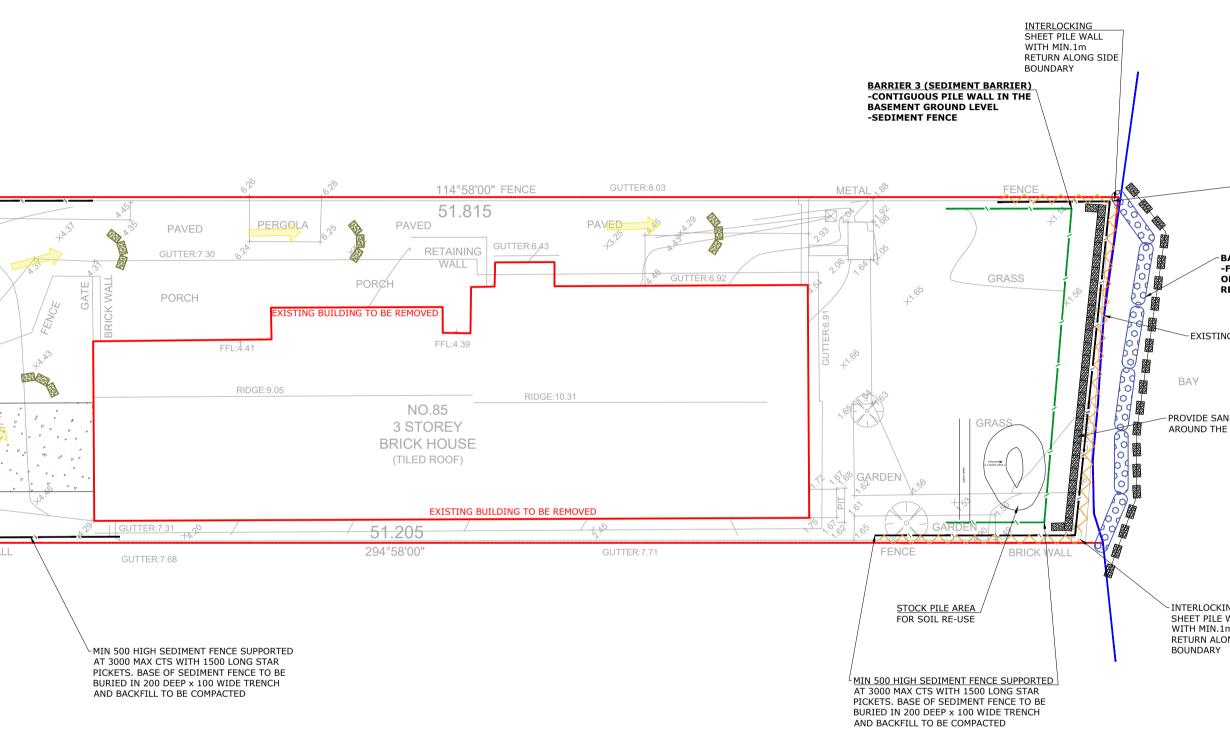
SHEET SUBJECT COVER SHEET, LEGEND AND DRAWING SCHEDULE

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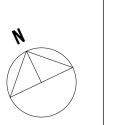


EROSION AND SEDIMENT CONTROL PLAN DURING DEMOLITION STAGE

ARCHITECT



PROJECT



LEGEND

	EXISTING CONTOURS
\	SILT FENCE
	WIRE MESH FENCE
	STABILISED SITE ACCESS
	Ø50 PUMP LINE
	STORMWATER DRAINAGE PIPE
	DOWNPIPE TO RAINWATER TANK
	SERVICE TRENCHES
	RUNOFF FLOW DIRECTION
	SAND BAGS
	HAY BALES
	MESH AND GRAVEL INLET FILTER
	TEMPORARY DOWNPIPE RUNOFF DIRECTION
— SSD—	SUBSOIL DRAINAGE PIPE (Ø100mm U.N.O)
• DP	DOWN PIPE (Ø100 U.N.O)
• VD	VERTICAL DROP PIPE (Ø100 U.N.O)
• VR	VERTICAL RISER
• IO	INSPECTION OPENING
• CE	CLEANING EYE
	MASONRY/BLOCK RETAINING WALL
⊗ FP	FLUSHING POINT (Ø100 U.N.O)
⊗ FW	FLOOR WASTE (Ø100 U.N.O)
⊗ RWO	RAINWATER OUTLET (Ø300 U.N.O)
⊗ DDO	DISH DRAIN OUTLET (Ø100 U.N.O)
⊗ OF	OVERFLOW FLOOR WASTE (Ø100 U.N.O)
\boxtimes	SEALED PIT
	GRATED INLET PIT
(111111111)	GRATED DRAIN
\Rightarrow	OVERLAND FLOW PATH
SP	SPREADER TEE CONFIGURATION
SP	SPREADER L CONFIGURATION
= ES	EMERGENCY SPITTER (Ø65 U.N.O)
+	EXISTING LEVEL
- HP	HIGH POINT

- BARRIER 2 (SEDIMENT BARRIER) -SHEET PILE WALL APPX.500mm ABOVE GROUND -SEDIMENT FENCE -SANDBAG ROW

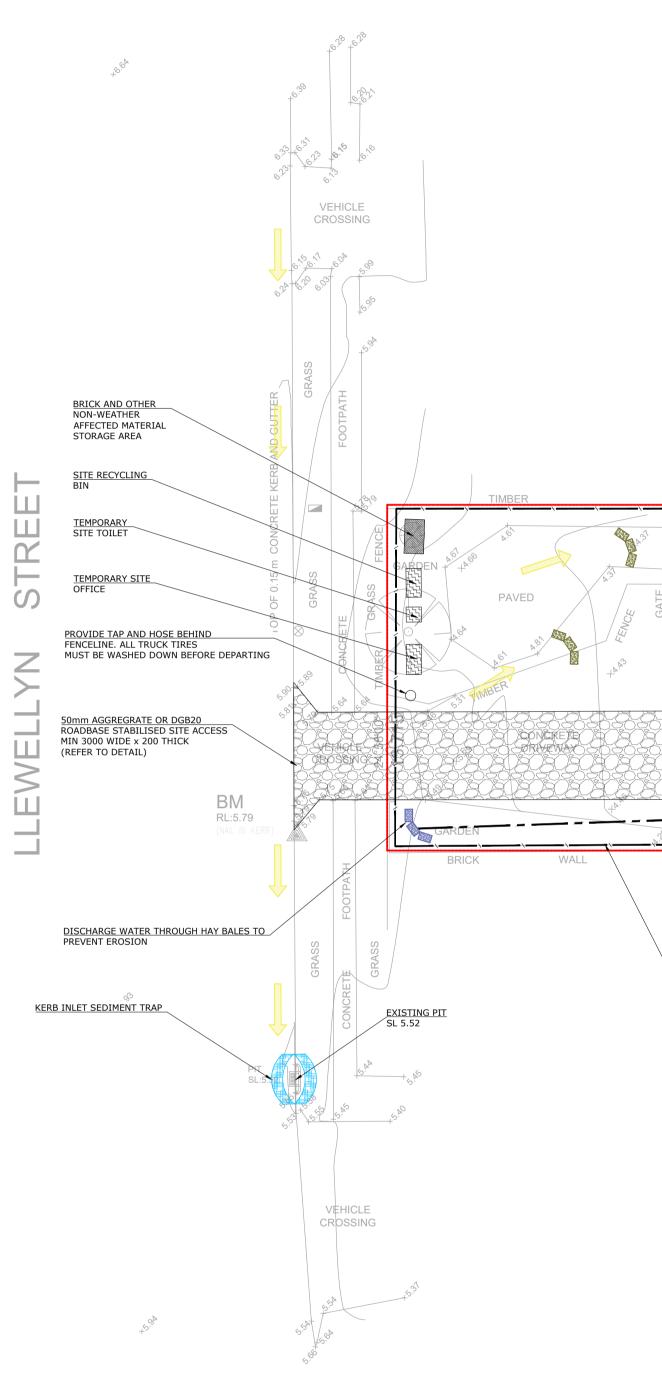
BARRIER 1 (TURBIDITY BARRIER) -FLOATING BOOM WITH GEO-FABRIC SILT CURTAIN DOWN ONTO BOTTOM OF POND WITH SANDBAGS OR EQUIVALENT. REFER TO SECTION FOR DETAILS

- EXISTING WATER EDGE

-PROVIDE SANDBAGS AROUND THE SEDIMENT FENCE

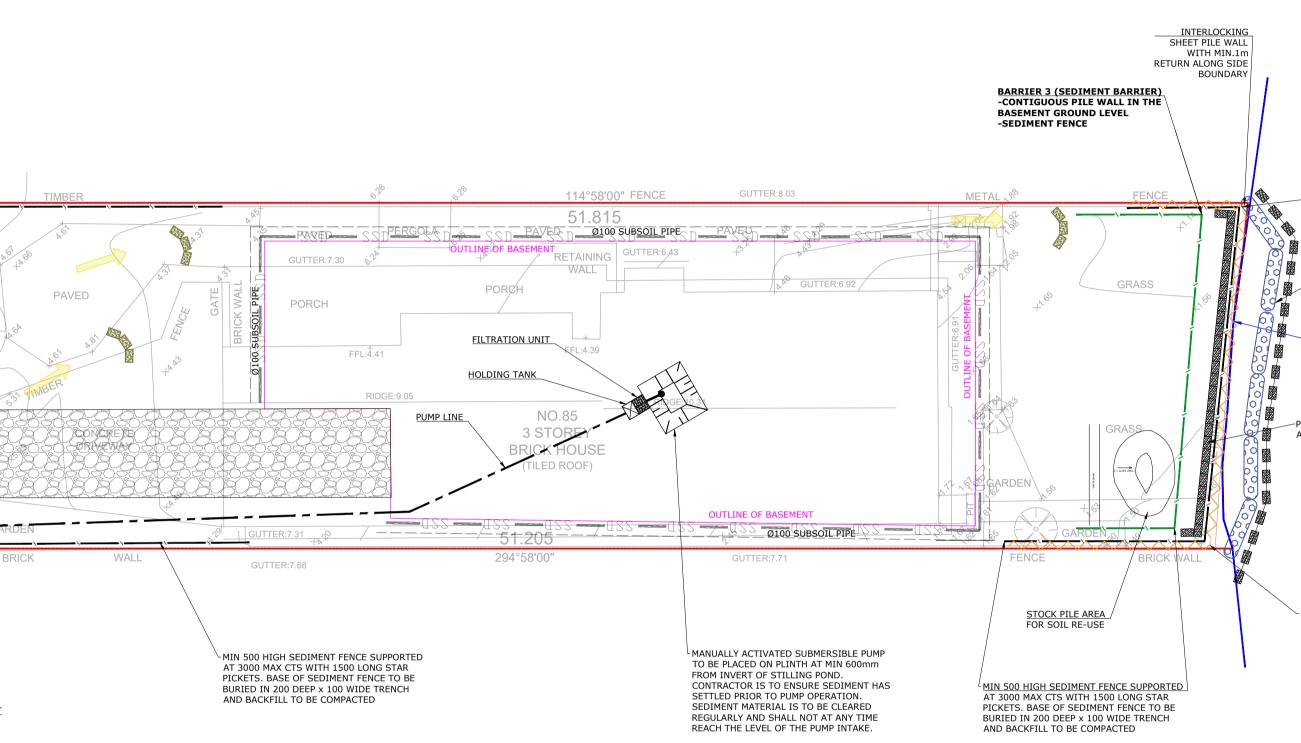
INTERLOCKING SHEET PILE WALL WITH MIN.1m RETURN ALONG SIDE

PROJECT SHEET SUBJECT DATE CHECKED DRAWN DESIGNED EROSION AND SEDIMENT CONTROL PLAN DURING SCALE AT A1 JOB No AS SHOWN DEMOLITION STAGE AUTHORISED REV DWG No D01



SCALE 1:150

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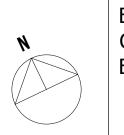


EROSION AND SEDIMENT CONTROL PLAN DURING EXCAVATION STAGE

ARCHITECT



PROJECT



LEGEND

LEGE	ND
	EXISTING CONTOURS SILT FENCE WIRE MESH FENCE STABILISED SITE ACCESS Ø50 PUMP LINE STORMWATER DRAINAGE PIPE DOWNPIPE TO RAINWATER TANK
	SERVICE TRENCHES
	RUNOFF FLOW DIRECTION
	SAND BAGS
	HAY BALES
	MESH AND GRAVEL INLET FILTER
— SSD—	TEMPORARY DOWNPIPE RUNOFF DIRECTION SUBSOIL DRAINAGE PIPE (Ø100mm U.N.O)
	DOWN PIPE (Ø100 U.N.O)
• VD	VERTICAL DROP PIPE (Ø100 U.N.O)
• VR	VERTICAL RISER
• 10	INSPECTION OPENING
• CE	CLEANING EYE
	MASONRY/BLOCK RETAINING WALL
⊗ FP	FLUSHING POINT (Ø100 U.N.O)
⊗ FW	FLOOR WASTE (Ø100 U.N.O)
⊗RWO	RAINWATER OUTLET (Ø300 U.N.O)
⊗ DDO	DISH DRAIN OUTLET (Ø100 U.N.O)
⊗ OF	OVERFLOW FLOOR WASTE (Ø100 U.N.O)
\boxtimes	SEALED PIT
	GRATED INLET PIT
	GRATED DRAIN
	OVERLAND FLOW PATH
► SP	SPREADER TEE CONFIGURATION
SP	SPREADER L CONFIGURATION
= ES	EMERGENCY SPITTER (Ø65 U.N.O)
+	EXISTING LEVEL
- HP	HIGH POINT

--BARRIER 2 (SEDIMENT BARRIER) -SHEET PILE WALL APPX.500mm ABOVE GROUND -SEDIMENT FENCE -SANDBAG ROW

-BARRIER 1 (TURBIDITY BARRIER) -FLOATING BOOM WITH GEO-FABRIC SILT CURTAIN DOWN ONTO BOTTOM OF POND WITH SANDBAGS OR EQUIVALENT. REFER TO SECTION FOR DETAILS

EXISTING WATER EDGE

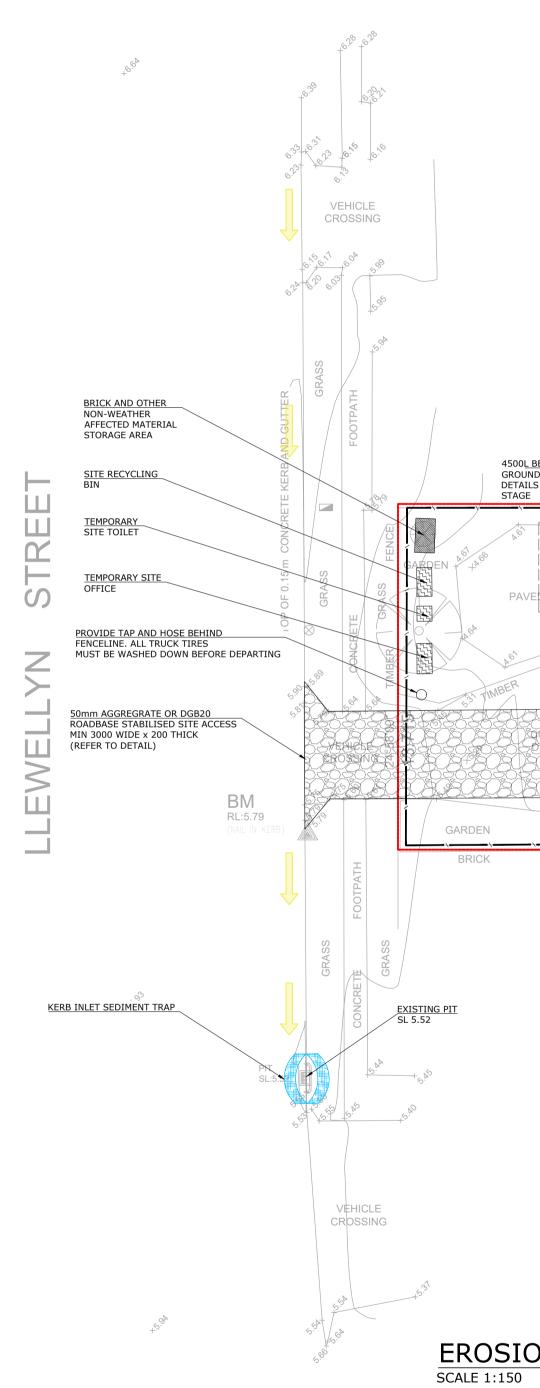
RAY

-PROVIDE SANDBAGS AROUND THE SEDIMENT FENCE

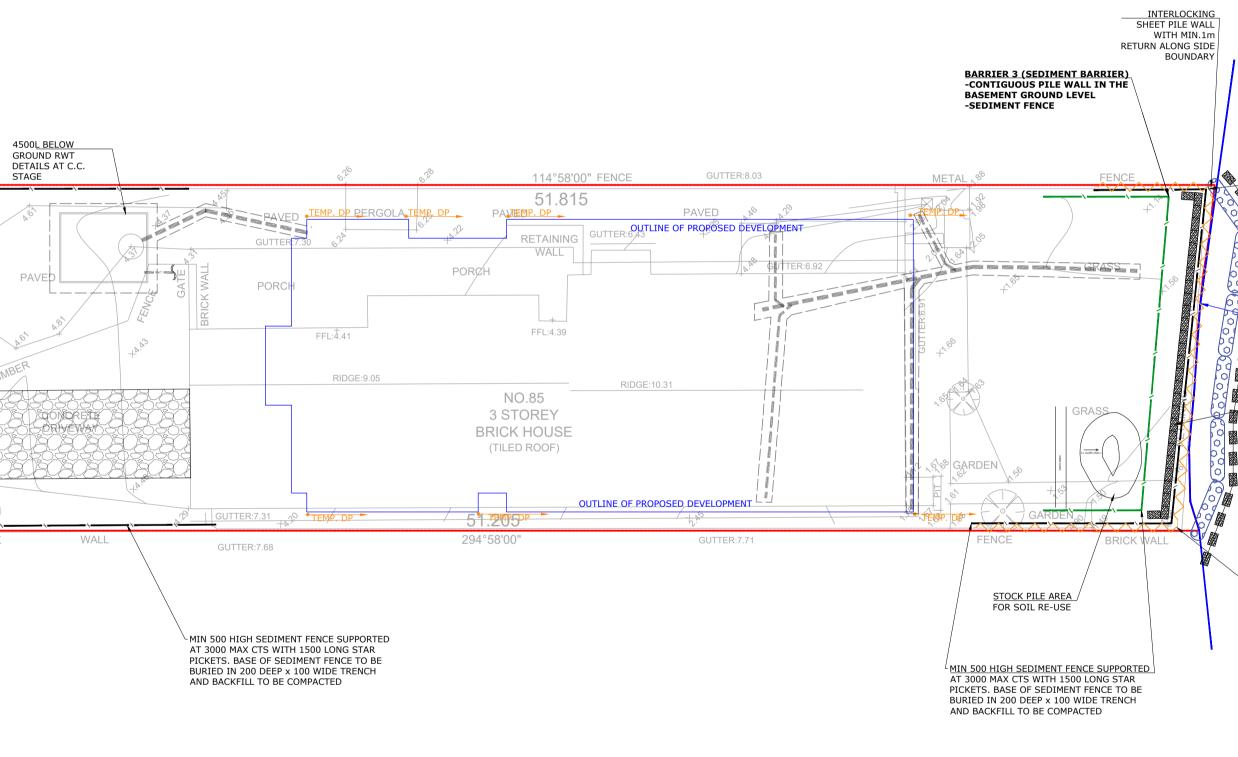
INTERLOCKING SHEET PILE WALL WITH MIN.1m RETURN ALONG SIDE BOUNDARY

PROJECT SHEET SUBJECT CHECKED DATE DRAWN DESIGNED EROSION AND SEDIMENT CONTROL PLAN DURING SCALE AT A1 JOB No AS SHOWN EXCAVATION STAGE AUTHORISED DWG No D02

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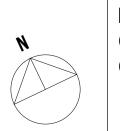


EROSION AND SEDIMENT CONTROL PLAN DURING CONSTRUCTION STAGE

ARCHITECT



PROJECT



EROSION AND SEDIMENT CONTROL PLAN DURING CONSTRUCTION STAGE

LEGE	ND
	EXISTING CONTOURS
	WIRE MESH FENCE
	STABILISED SITE ACCESS
	Ø50 PUMP LINE
	STORMWATER DRAINAGE PIPE
	DOWNPIPE TO RAINWATER TANK
	SERVICE TRENCHES
	RUNOFF FLOW DIRECTION
	SAND BAGS
	HAY BALES
	MESH AND GRAVEL INLET FILTER
	TEMPORARY DOWNPIPE RUNOFF DIRECTION
—— 22D——	SUBSOIL DRAINAGE PIPE (Ø100mm U.N.O)
• DP	DOWN PIPE (Ø100 U.N.O)
• VD	VERTICAL DROP PIPE (Ø100 U.N.O)
• VR	VERTICAL RISER
• IO	INSPECTION OPENING
• CE	CLEANING EYE
	MASONRY/BLOCK RETAINING WALL
⊗ FP	FLUSHING POINT (Ø100 U.N.O)
⊗ FW	FLOOR WASTE (Ø100 U.N.O)
⊗ RWO	RAINWATER OUTLET (Ø300 U.N.O)
⊗ DDO	DISH DRAIN OUTLET (Ø100 U.N.O)
⊗ OF	OVERFLOW FLOOR WASTE (Ø100 U.N.O)
\square	SEALED PIT
	GRATED INLET PIT
(111111111)	GRATED DRAIN
\Rightarrow	OVERLAND FLOW PATH
SP	SPREADER TEE CONFIGURATION
SP	SPREADER L CONFIGURATION
= ES	EMERGENCY SPITTER (Ø65 U.N.O)
+	EXISTING LEVEL
- HP	HIGH POINT

-BARRIER 2 (SEDIMENT BARRIER) -SHEET PILE WALL APPX.500mm ABOVE GROUND -SEDIMENT FENCE -SANDBAG ROW

BARRIER 1 (TURBIDITY BARRIER) -FLOATING BOOM WITH GEO-FABRIC SILT CURTAIN DOWN ONTO BOTTOM OF POND WITH SANDBAGS OR EQUIVALENT. REFER TO SECTION FOR DETAILS

EXISTING WATER EDGE

BAY

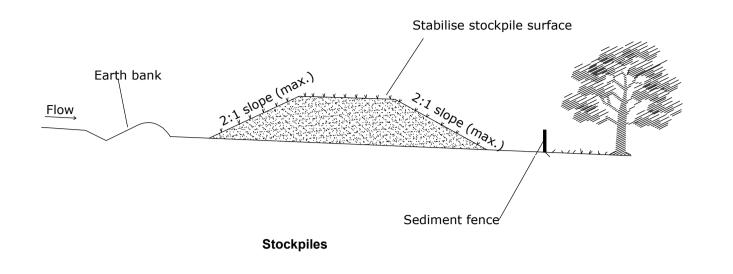
PROVIDE SANDBAGS AROUND THE SEDIMENT FENCE

> └ INTERLOCKING SHEET PILE WALL WITH MIN.1m RETURN ALONG SIDE BOUNDARY

SHEET SUBJECT

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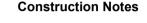
EROSION AND SEDIMENT CONTROL DETAILS



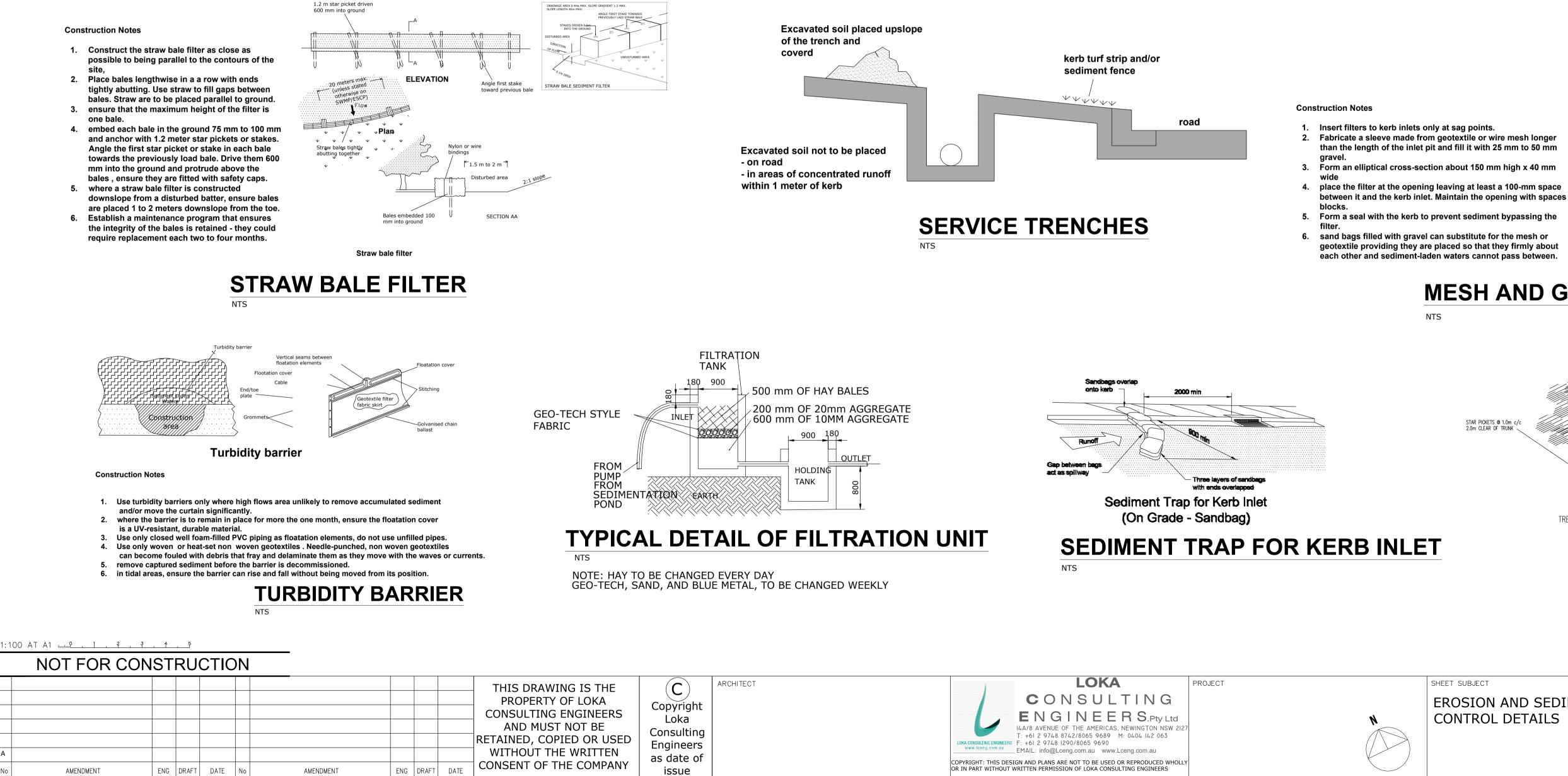
Construction Notes

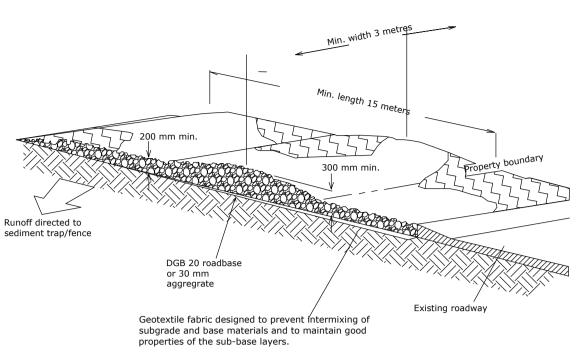
- 1. Place tockpiles more than 2 (preferably 5
-) metres from existing vegetation, concentrated water flow, roads and hazard areas. 2. construct on the contour as low, flat, elongated mounds.
- 3. where they are to be in place for more than 10 days, stabilise following the
- approved ESCP or SWMPto reduce the C-factor to less than 0.10. 4. Construct earth banks (standard Drawing 5-5) on the upslope side to divert water around stockpiles and sediment fences (standard drawings 6-8) 1 to 2 meters downslope





- the sediment fence.





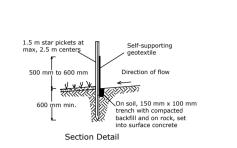
Geofabric may be a woven or needle0punched product with a minimum CBR brust strength(AS3706.4-90) of

1. Strip the topsoil, level the site and compact the subgrade.

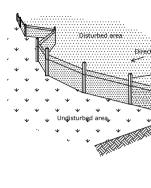
2 500N

2. cover the area with needle-punched gertextile. 3. construct a 200-mm thick pad over the geotextile using road base or 30-mm aggregate. 4. Ensure the structure is at least 15 meters long or to building alignment and at least 3 meters wide. 5. where a sediment fence joins onto the stabilised access, construct a hump in the stabilised access to divert water to

STABILISED SITE ACCESS NTS



Construction Notes

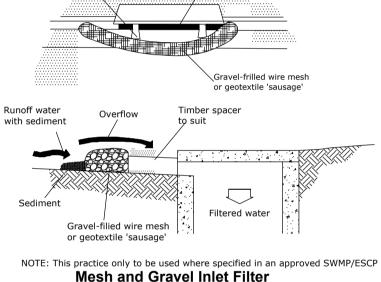


Sediment Fence

- 1. construct sediment fences as close as possible to being parallel to the contours of the site but with small returns as shown in the drawing to limit the catchments area of any one section. the catchments area should be small enough to limit water flow if concentrated at one point to 50 liters per second in the design storm event, usually the 10-year event.
- 2. cut a 150-mm deep trench along the upslope line of the fence for the bottom of the fabric to be entrenched. pickets are fitted with safety caps.
- 4. Fix self-supporting geotextile to the upslope side of the posts ensuring it goes to the base of the trench. fix the geotextile with shade cloth for this purpose is not satisfactory.
- 5. Join sections of fabric at a support post with a 150-mm overlap. 6. Backfill the trench over the base of the fabric and compact it thoroughly over the geotextile.



H AND GRAVE	L INLE	TFILT	ER	
R PICKETS @ 1.0m c/c				
BARRIER	MESH			
DARGER	MESH			
TREE PROTECTION DET		MINIMUM TREE PRO NOT TO SCALE	FECTION	
TREE PROTECTION DET	AIL	NOT TO SCALE		
TREE PROTECTION DET		NOT TO SCALE		
TREE PROTECTION DET	AIL	NOT TO SCALE		
TREE PROTECTION DET	AIL	NOT TO SCALE		
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TRE PROTECTION DET NOT TO SCALE NTS	E PRC	NOT TO SCALE		CHECKED
TREE PROTECTION DET NOT TO SCALE TREE NTS ECT ON AND SEDIMENT	AIL EEPRC PROJECT DATE SCALE A	DTECT	ON	CHECKED
TREE PROTECTION DET	AIL EEPRC PROJECT DATE SCALE A	DTECT	DESIGNED	CHECKED



Kerb-side inle

SEDIMENT FENCE

wire ties or as recommended by the manufacturer. Only use geotextile specifically produced for sediment fencing, the use of

3. drive 1.5 metre long star pickets into ground at 2.5 meters intervals (max) at the downslope edge of the trench. Ensure any star

