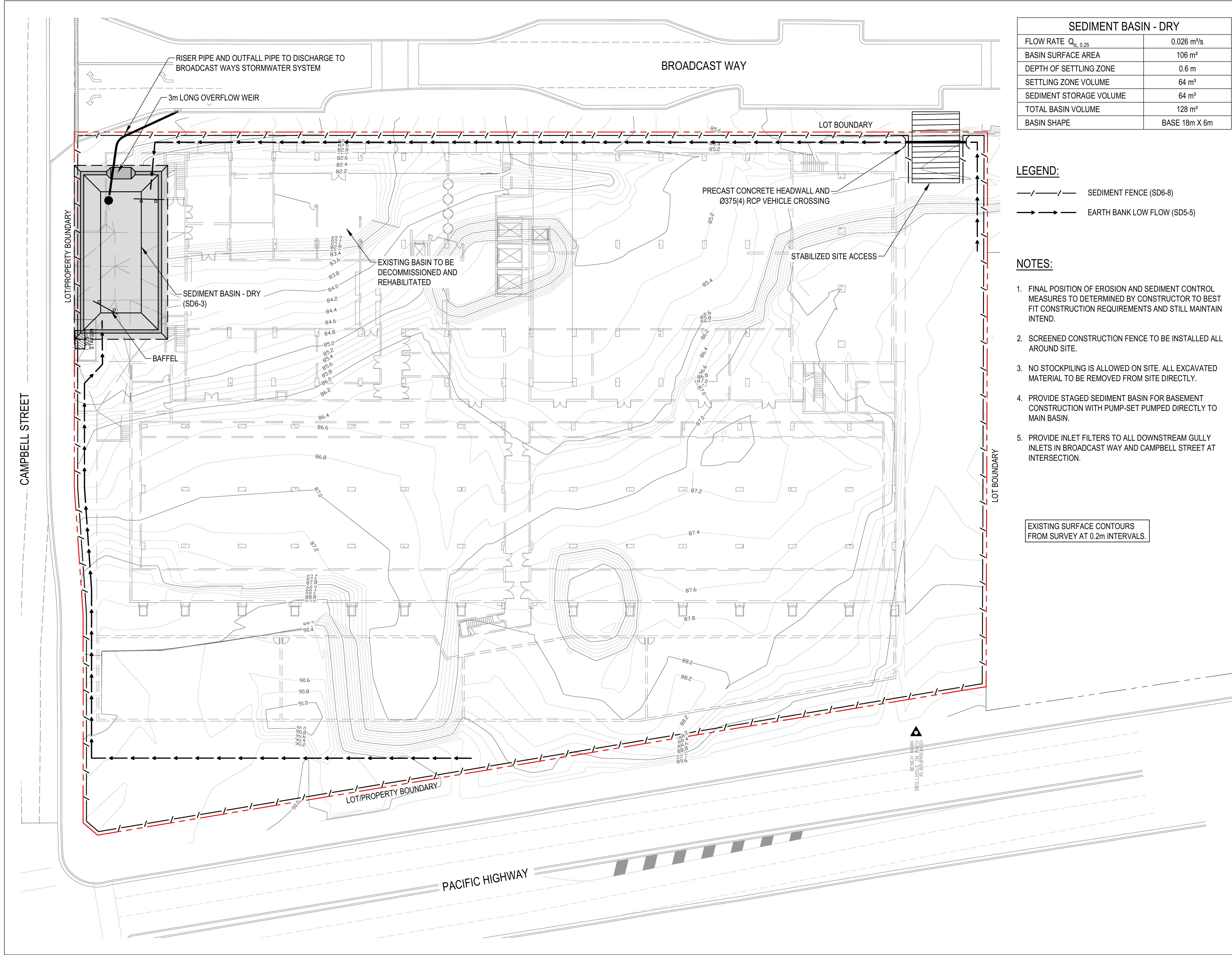




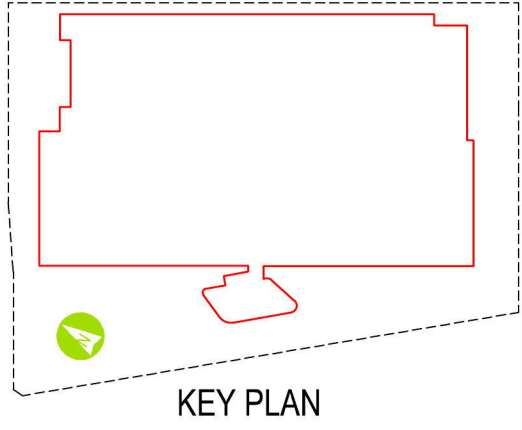
SEDIMENT BASIN - DRY	
FLOW RATE $Q_{t, 0.25}$	0.026 m³/s
BASIN SURFACE AREA	106 m²
DEPTH OF SETTLING ZONE	0.6 m
SETTLING ZONE VOLUME	64 m³
SEDIMENT STORAGE VOLUME	64 m³
TOTAL BASIN VOLUME	128 m³
BASIN SHAPE	BASE 18m X 6m

- LEGEND:**
- / — / — SEDIMENT FENCE (SD6-8)
 - → → EARTH BANK LOW FLOW (SD5-5)

- NOTES:**
1. FINAL POSITION OF EROSION AND SEDIMENT CONTROL MEASURES TO DETERMINED BY CONSTRUCTOR TO BEST FIT CONSTRUCTION REQUIREMENTS AND STILL MAINTAIN INTEND.
 2. SCREENED CONSTRUCTION FENCE TO BE INSTALLED ALL AROUND SITE.
 3. NO STOCKPILING IS ALLOWED ON SITE. ALL EXCAVATED MATERIAL TO BE REMOVED FROM SITE DIRECTLY.
 4. PROVIDE STAGED SEDIMENT BASIN FOR BASEMENT CONSTRUCTION WITH PUMP-SET PUMPED DIRECTLY TO MAIN BASIN.
 5. PROVIDE INLET FILTERS TO ALL DOWNSTREAM GULLY INLETS IN BROADCAST WAY AND CAMPBELL STREET AT INTERSECTION.

EXISTING SURFACE CONTOURS
FROM SURVEY AT 0.2m INTERVALS.

13.06.19	8	REVISED DEVELOPMENT APPLICATION	LWM
07.12.18	A	DEVELOPMENT APPLICATION	LWM
DATE	No.	REVISION HISTORY	APP.



2.5 0 5 10m
SCALE 1:250



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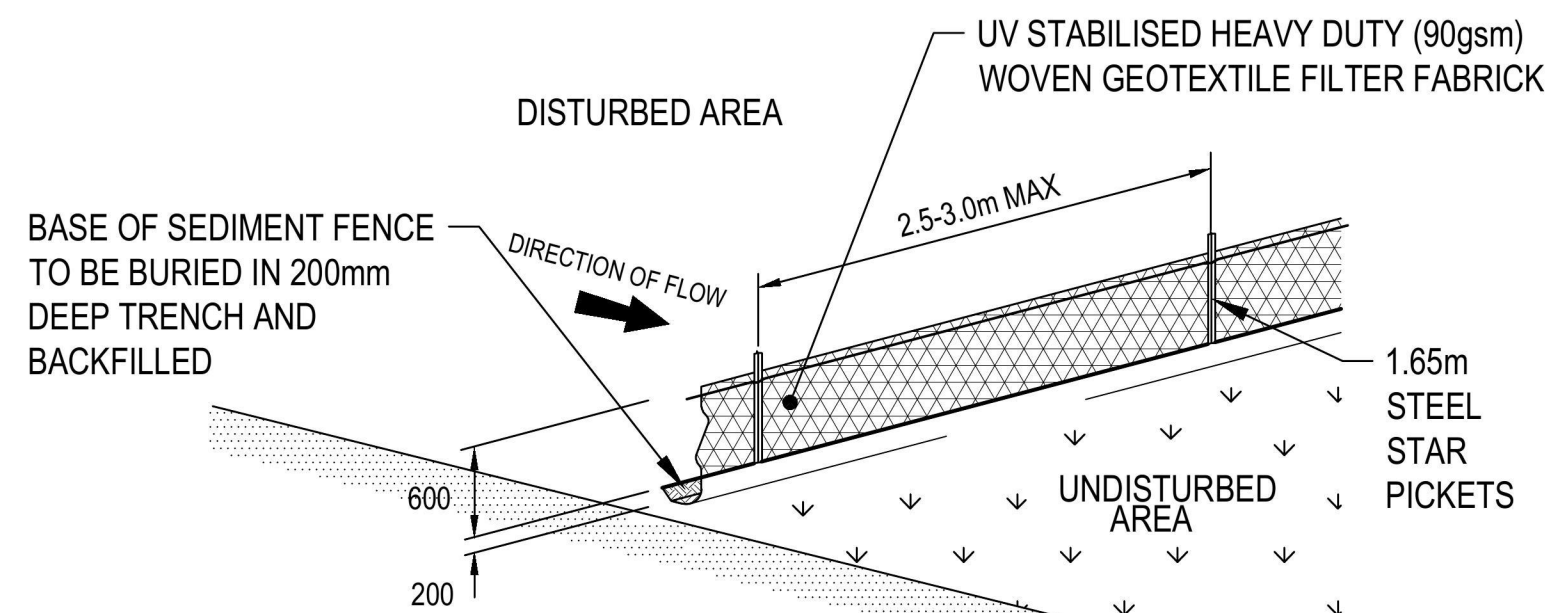
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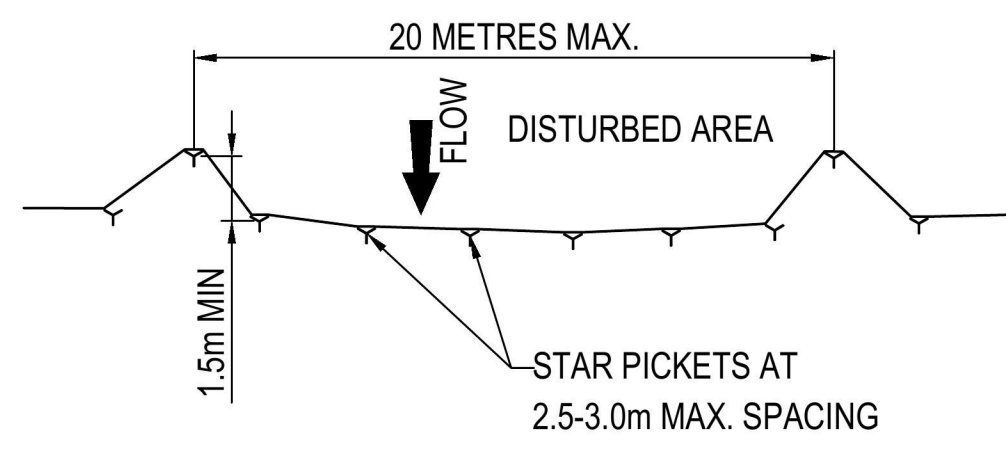
Drawing title
CIVIL ENGINEERING SERVICES
EROSION AND SEDIMENT CONTROL
LAYOUT PLAN

project no:	503243	scale:	1:250	A1
drawn:	T.TRINH	designed:	V.TRINH	
checked:	L.VAN WYK	approved:	L.VAN WYK	
dwg no:	S3-FAC-CI-DRG-DA100	rev	B	

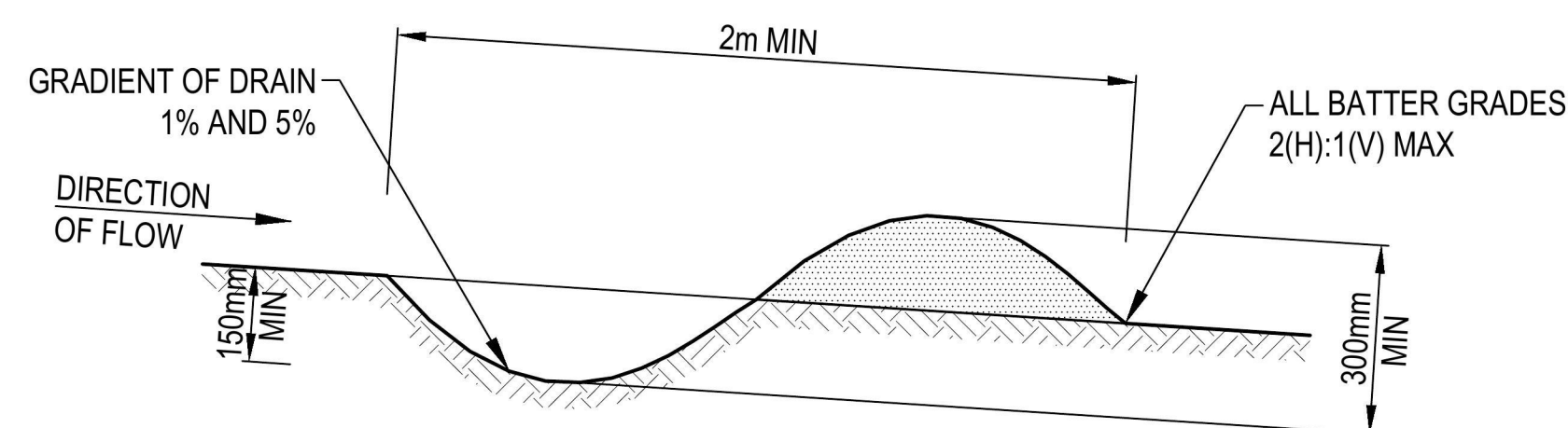
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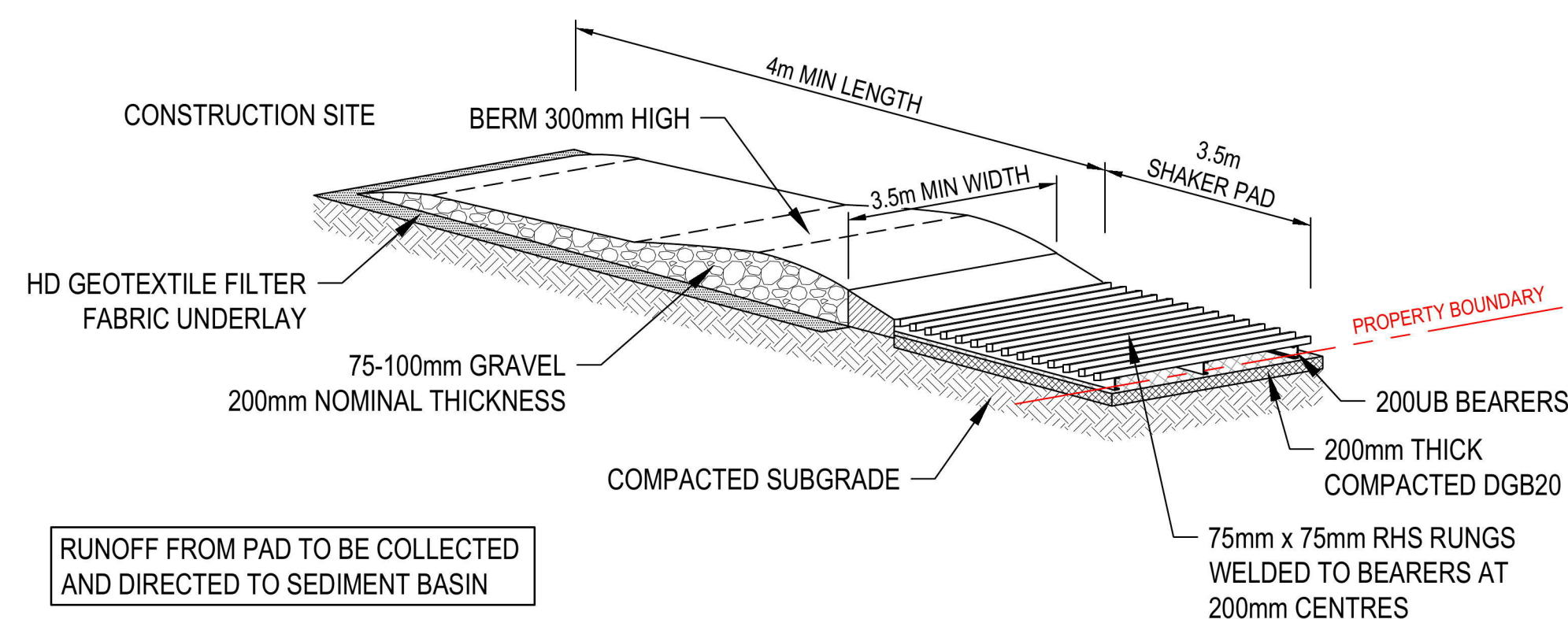
SEDIMENT FENCE
(SD 6-8)



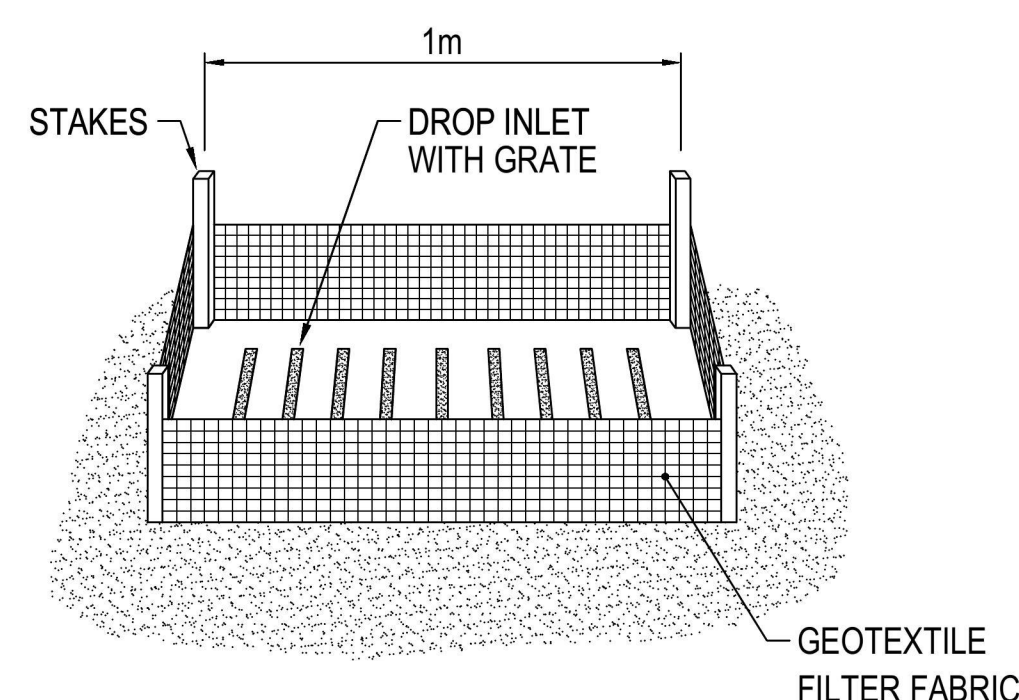
SEDIMENT FENCE PLAN
(SD 6-8)



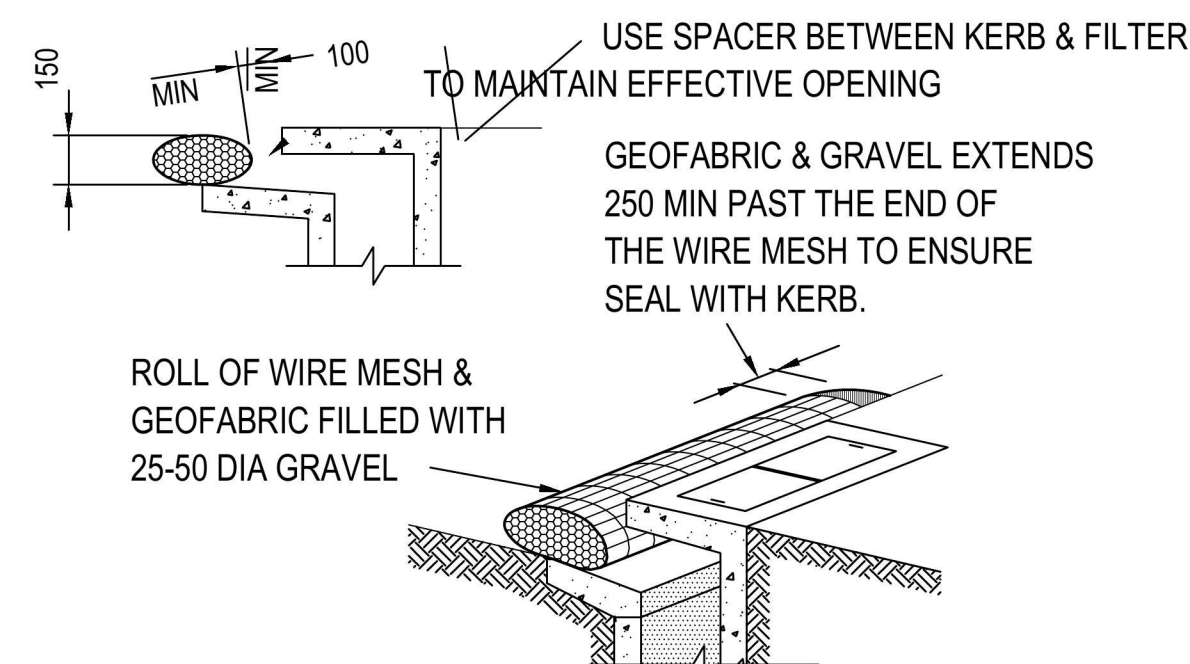
EATH BANK (LOW FLOW)
(SD 5-5)



**STABILISED SITE ACCESS
WITH SHAKER PAD**
(SD 6-14 MOD)

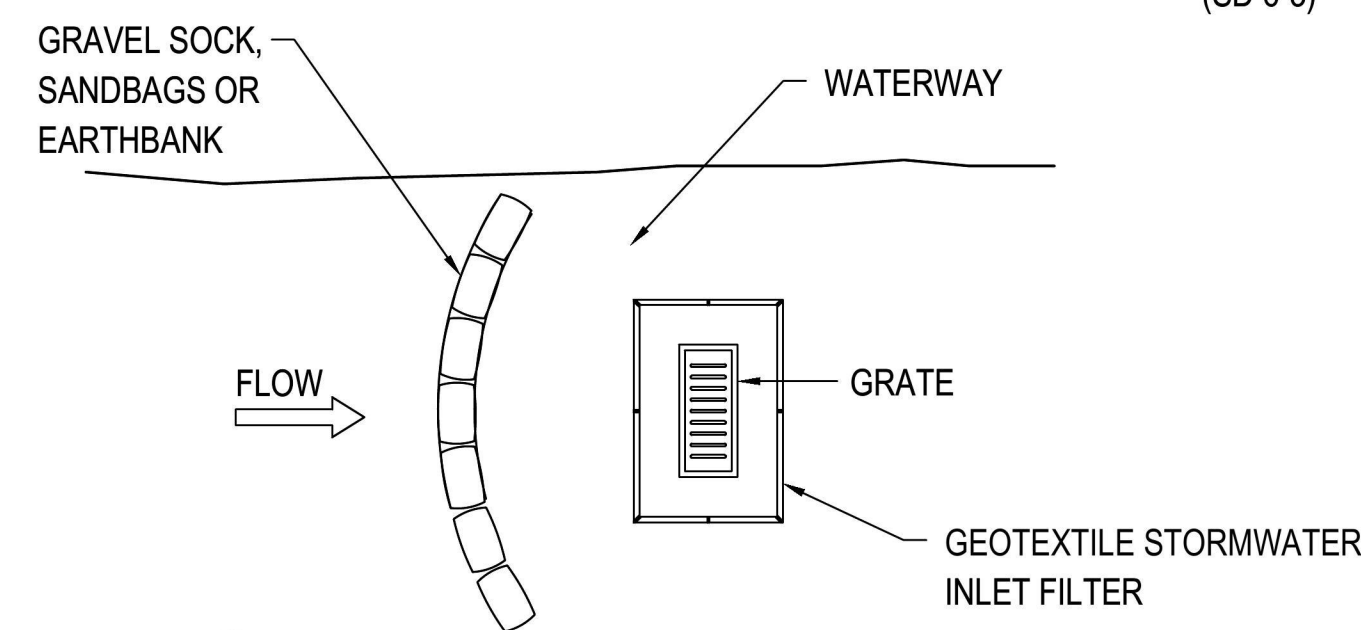


GEOTEXTILE INLET FILTER
(SD 6-12)

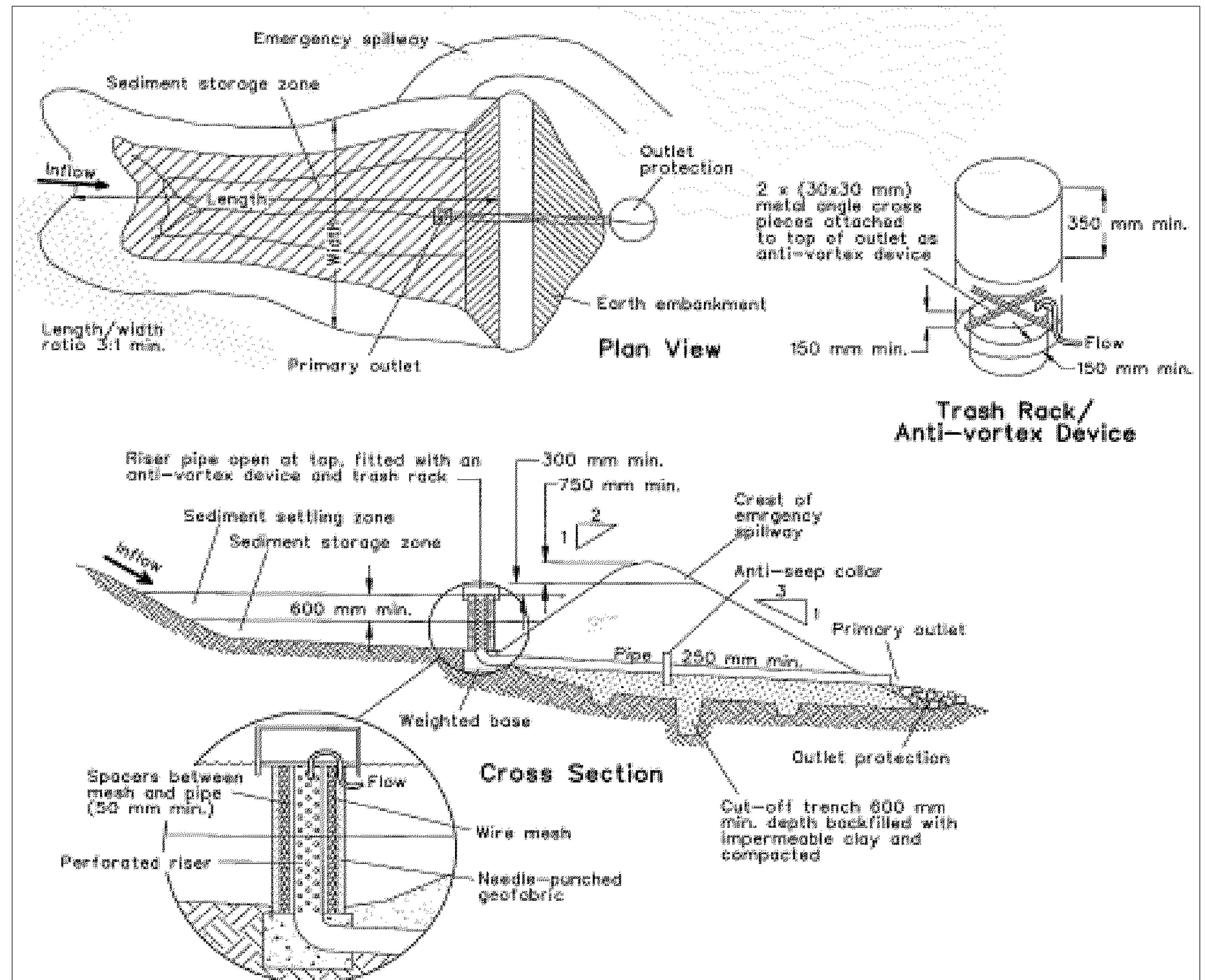


MESH & GRAVEL INLET FILTER
THIS PRACTICE ONLY TO BE USED WHERE SPECIFIED
IN AN APPROVED SWMP/ESCP.
(SD 6-11)

EARTH BASIN - DRY
(SD 6-3)



STORMWATER INLET FILTER
(SD 6-12)

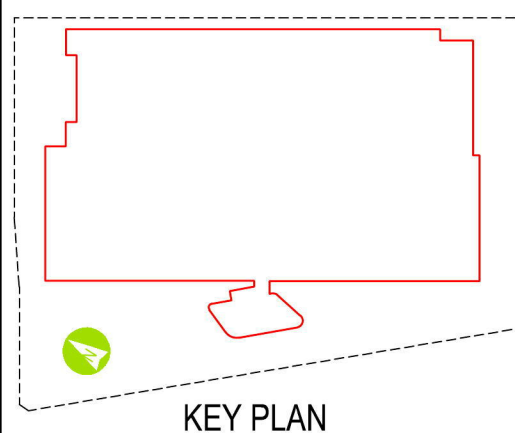


Construction Notes

1. Remove all vegetation and topsoil from under the dam wall and from within the storage area.
2. Form a cut off trench under the centreline of the embankment 600 mm deep and 1,200 mm wide, extending to a point on the watercourse wall above the riser sill level.
3. Maintain the trench free of water and recompact the materials with equipment as specified in the SWMP to 95 per cent Standard Proctor Density.
4. Select fill according to the SWMP that is free from roots, wood, rock, large stone or foreign material.
5. Prepare the site under the embankment by ripping to at least 100 mm to help bond the compacted fill to the existing substrate.
6. Spread the fill in 100 mm to 150 mm layers and compact it at optimum moisture content following the SWMP.
7. Install the pipe outlet with seepage collars as specified in the SWMP and Standard Drawing 6-3b.
8. Form batter grades at 2(H):1(V) upstream and 3(H):1(V) downstream or as specified in the SWMP

ALL EROSION AND SEDIMENT CONTROL MEASURES TO BE INSTALLED AND MAINTAINED FOR THE DURATION OF CONSTRUCTION IN ACCORDANCE WITH THE NSW GOVERNMENTS 'MANAGING URBAN STORMWATER: SOIL AND CONSTRUCTION, VOLUME 1' GUIDELINES.

13/01/19	5	REVISED DEVELOPMENT APPLICATION	LWN
07/12/18	A	DEVELOPMENT APPLICATION	LWN
DATE	No.	REVISION HISTORY	APP.



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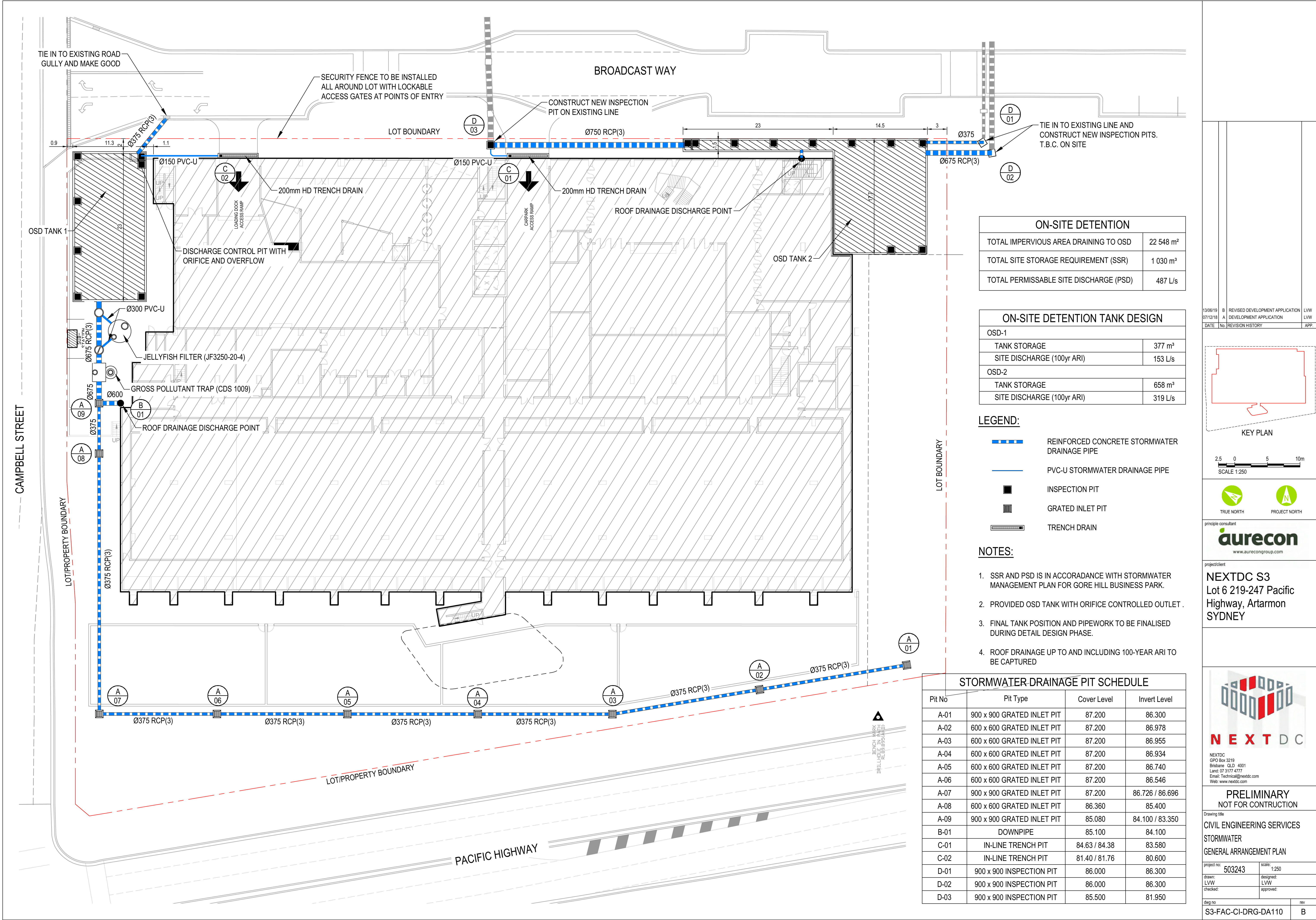
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Drawing title
**CIVIL ENGINEERING SERVICES
EROSION AND SEDIMENT CONTROL
DETAILS**

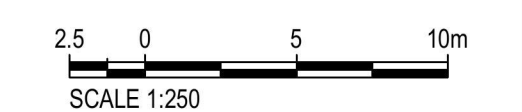
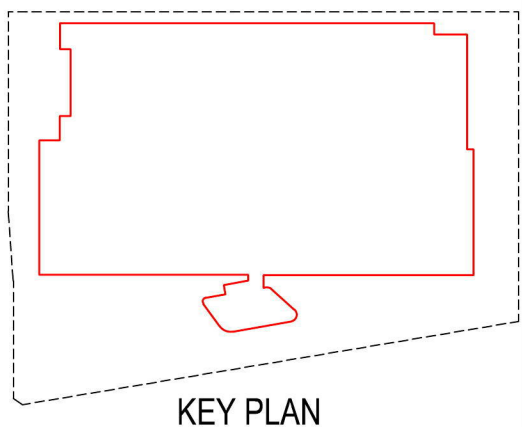
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drawn:	T.TRINH	designed:	V.TRINH	
checked:	L.VAN WYK	approved:	L.VAN WYK	
dwg no:		rev		

S3-FAC-CI-DRG-DA101 B

19/11/2019 12:25:19 AM



13/06/19	B	REVISED DEVELOPMENT APPLICATION	LWW
07/12/18	A	DEVELOPMENT APPLICATION	LWW
DATE	No	REVISION HISTORY	APP



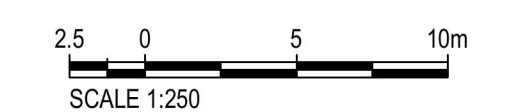
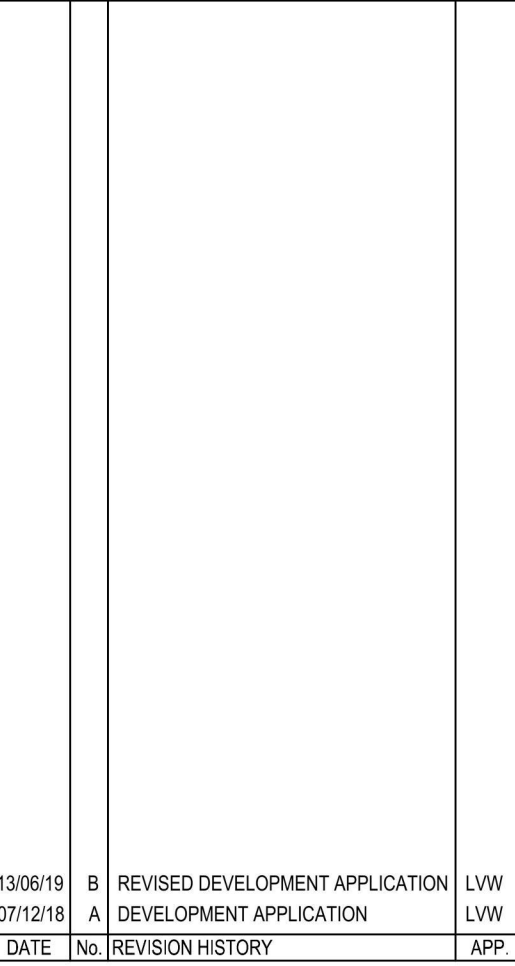
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Drawing title
CIVIL ENGINEERING SERVICES
STORMWATER
GENERAL ARRANGEMENT PLAN

project no:	503243	scale:	1:250
drawn:	LWW	designed:	LWW
checked:		approved:	
dwg no:	S3-FAC-CI-DRG-DA110	rev:	B



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CIVIL ENGINEERING SERVICES

STORMWATER

OVERLAND FLOW

project no: 503243	scale: 1:250
drawn: T. TRINH	designed: V. TRINH
checked: L. VAN WYK	approved: L. VAN WYK
dwg no S3-FAC-CI-DRG-DA120	rev B



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project no: 503243	scale: NTS
drawn: T.TRINH	designed: V.TRINH
checked: L.VAN WYK	approved: L.VAN WYK
dwg no	
S3-FAC-CI-DRG-DA130	