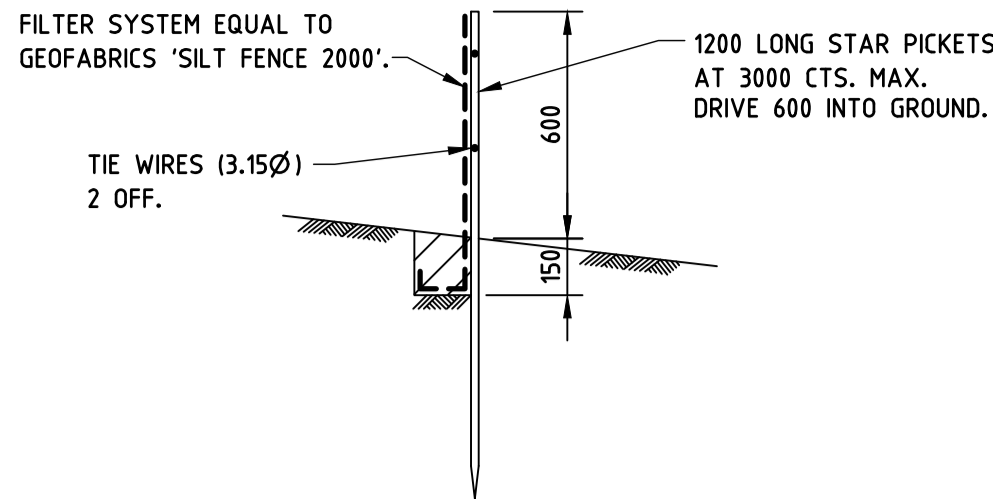
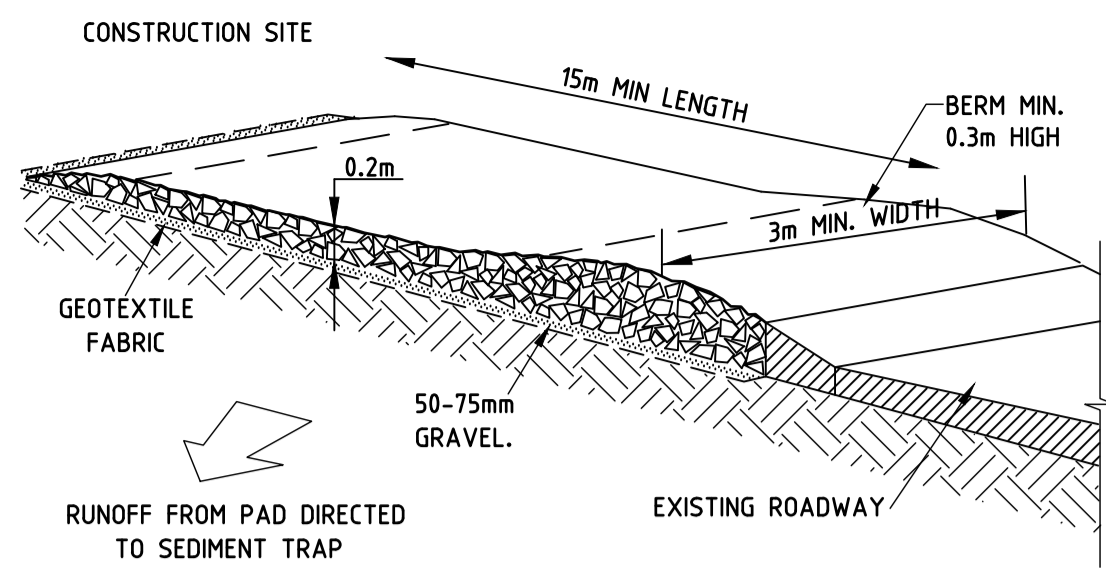


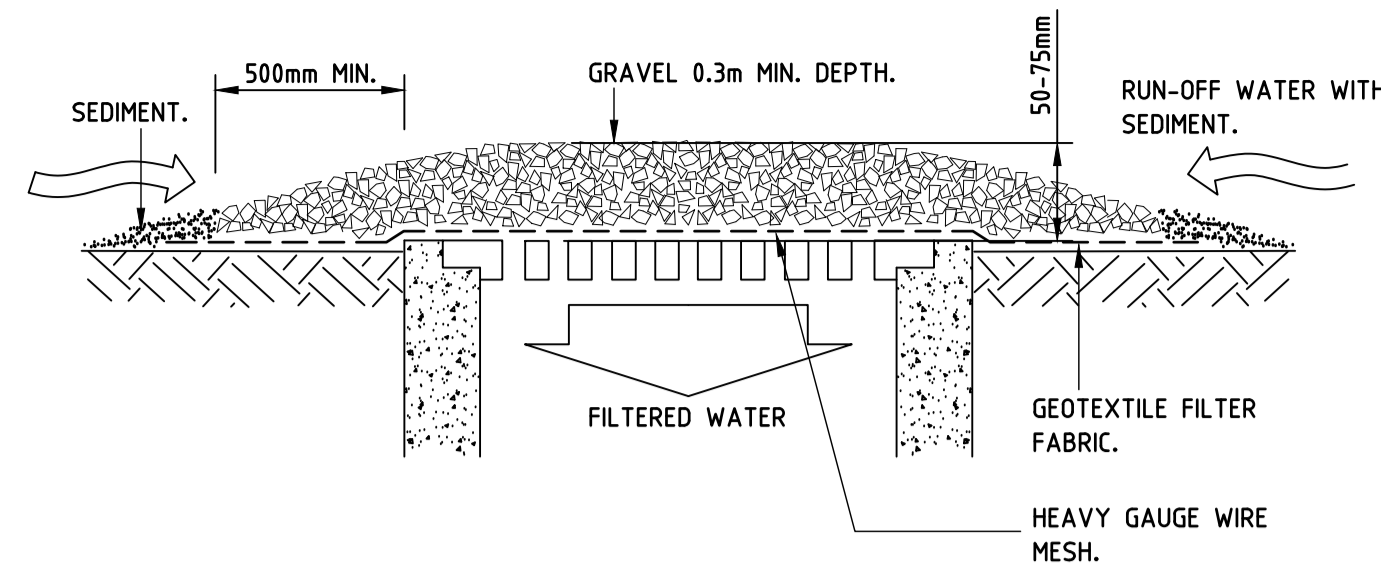
TYPICAL SANDBAG KERB INLET SEDIMENT TRAP



SILT FENCE DETAIL
TO BE PLACED AROUND LOW SIDE OF WORKS AND
AS REQUIRED TO PREVENT SOIL WASHING OFF SITE.



TEMPORARY CONSTRUCTION EXIT
TO BE PROVIDED WHERE CONSTRUCTION VEHICLES
LEAVE SITE.



WIRE MESH AND GRAVEL DROP
INLET SEDIMENT TRAP.
TO BE PROVIDED AT ALL NEW AND EXISTING
GRADED PITS WITHIN IMPERVIOUS AREAS.

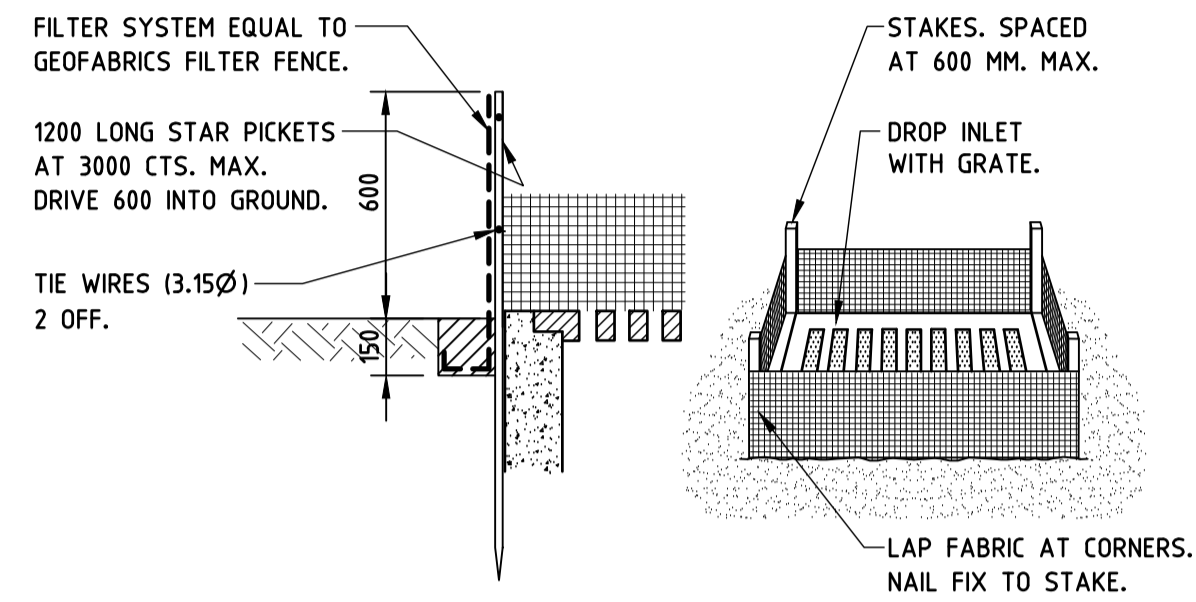
LEGEND

- TEMPORARY SITE EXIT
- DETENTION TANK
- RAINWATER TANK
- EXISTING STORMWATER PIPE
- SILT FENCE
- SILT TRAP
- SWALE

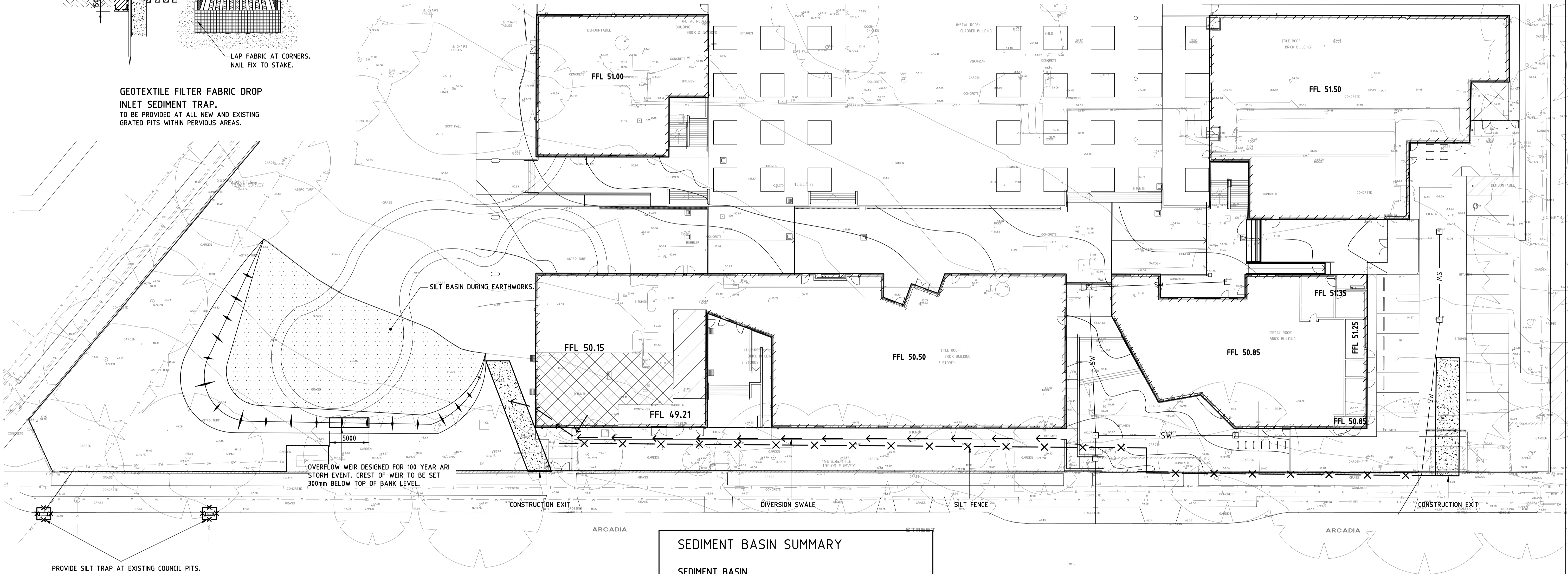
NOTE:
• PROVIDE SILT TRAP AROUND ALL EXISTING GRADED INLET PITS UNTIL
THEY ARE REMOVED/DEMOLISHED.
• PROVIDE SILT TRAPS AROUND ALL NEW PITS DURING CONSTRUCTION.

EROSION AND SEDIMENT CONTROL DETAILS

PROVIDE AS REQUIRED TO PREVENT SILT FROM LEAVING THE SITE.



GEOTEXTILE FILTER FABRIC DROP
INLET SEDIMENT TRAP.
TO BE PROVIDED AT ALL NEW AND EXISTING
GRADED PITS WITHIN PERVIOUS AREAS.



SEDIMENT BASIN SUMMARY

SEDIMENT BASIN

VOLUME CALCULATED IN ACCORDANCE WITH "MANAGING URBAN STORMWATER
SOILS AND CONSTRUCTION VOLUME 1, 4TH EDITION 2004".

TYPE D AND F SOILS
DESIGN RAINFALL DEPTH (DAYS) = 5 DAYS
DESIGN RAINFALL DEPTH (%) = 85%
5DAY 85% RAINFALL EVENT (GRAFTON NSW) = 31.5mm
RAINFALL INTENSITY 2YEAR, 6MIN STORM = 9.82mm
RAINFALL EROSIONITY (R-FACTOR) = 3557
VOLUMETRIC RUNOFF COEFFICIENT = 0.64

BASIN VOLUMES

CATCHMENT AREA (ha) = 1.051ha
SETTLING ZONE VOLUME (m³) = 212m³
SEDIMENT STORAGE VOLUME (m³) = 106m³
TOTAL BASIN VOLUME (m³) = 318m³

SEDIMENT DETAIL TO BE CONSTRUCTED IN ACCORDANCE WITH DETAIL SD6-4
OF "MANAGING URBAN STORMWATER-SOILS AND
CONSTRUCTION, VOLUME 1, 4TH EDITION 2004"

REV	BY	DATE	DESCRIPTION
01	A.P.	10.05.19	ISSUE FOR CONSTRUCTION

Woolacotts
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Job Number	Approved	Verified	Prepared
16-242	SETB	AP	JK
	10.05.19	10.05.19	10.05.19

NSW GOVERNMENT
Education

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STATUTORY PLANNER
DON FOX PLANNING P/L
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PERUMAL PEDAVOLI ARCHITECTS

PENSHURST PUBLIC SCHOOL
18 Arcadia Street, Penshurst

Drawing Name
**SEDIMENT & EROSION CONTROL
PLAN & DETAILS**

CONTRACT NUMBER	SINSW-18-1257	SCALE 1:250 @ A1
PROJECT NORTH	DRAWN	CHECKED
	VERIFIED	Date
		10 MAY 2019
Drawing Number	PROJECT CODE	DISCIPLINE
	PHASE	SERIES NUMBER
	3199 - CIV- CD- 01_008	01