

## ONSITE STORMWATER PROCESSES

Project: Schofields Public School

Location: 60 St Alban Road, Schofields NSW

### 1) Collection

All stormwater run-off to stormwater collection area (highlighted in blue as plan). Any overflow will spill out of OSD and follow the land contour to local stormwater system.

### 2) Treatment

Allow for sediment to settle at the bottom of stormwater collection area (use appropriate flocculation process – in accordance to E4.1 of the blue book)

### 3) Testing

Using approved equipment - test cleaned stormwater PH level and solid suspended levels in accordance to the blue book, if it complies with safe parameters for discharge offsite via local stormwater system

### 4) Remediation

If PH level is unacceptable, remediation process will require to extract pollutant out of stormwater prior to discharge offsite

### 5) Waste disposal

If pollutant cannot be remediated, the volume of stormwater are to be remove offsite via hydro excavation services and tipped at acceptable waste management centre.

### 6) Approval and notices

obtain all require permits and approval from authorities, where require.

### **Blacktown City Council**

Administration Centre

62 Flushcombe Road

Blacktown NSW 2148

# STORMWATER MANAGEMENT



PH: 9839 6000

[council@blacktown.nsw.gov.au](mailto:council@blacktown.nsw.gov.au)

**NSW Environmental Protection Authority (EPA)**

4 Parramatta Square,

12 Darcy Street

Parramatta NSW 2124

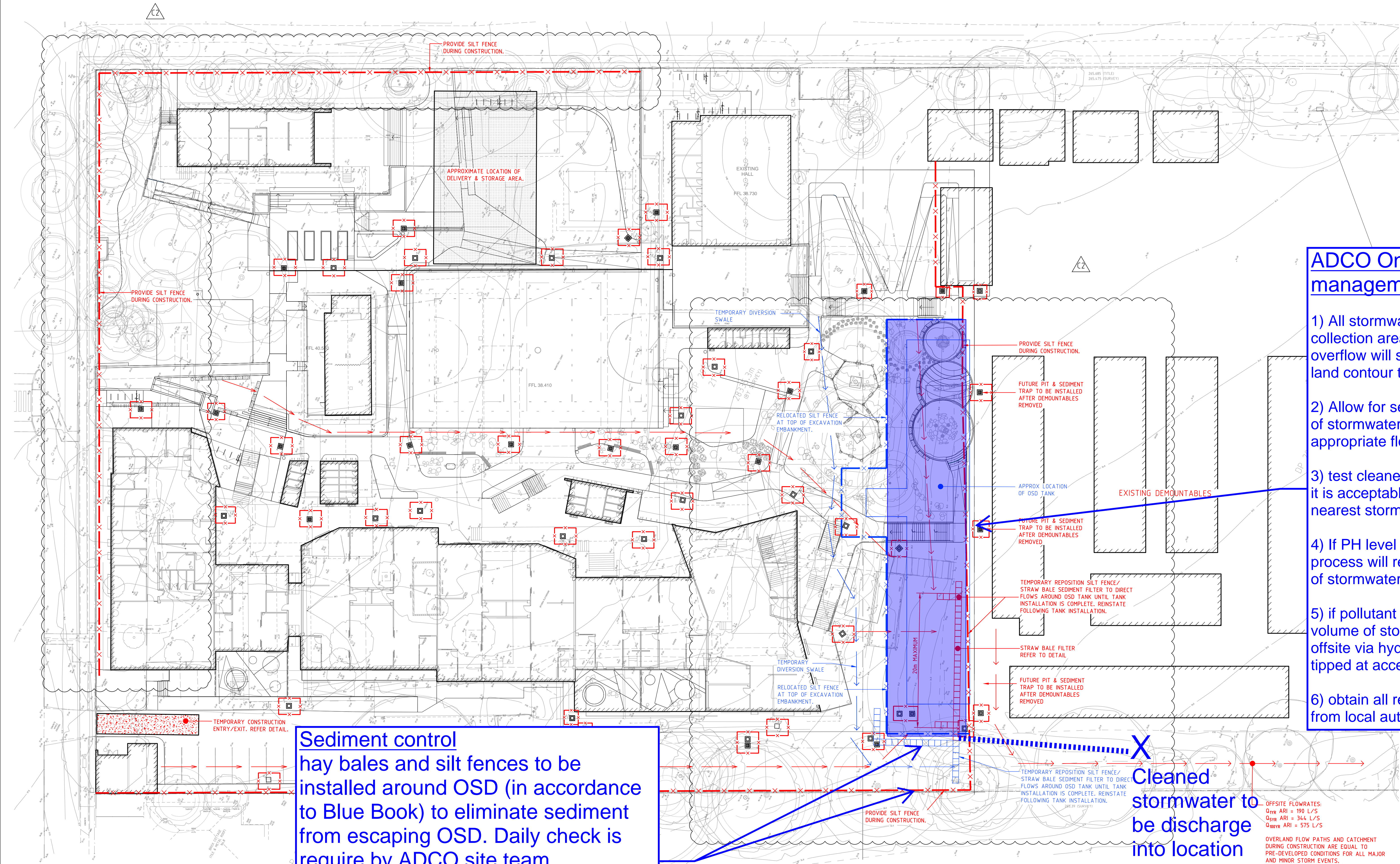
PH: 9995 5000

[infor@epa.nsw.gov.au](mailto:infor@epa.nsw.gov.au)

## 7) Discharge

Upon approval discharge water into stormwater system or reuse onsite.





**LEGEND**

- TEMPORARY SITE ENTRY/EXIT
- SILT FENCE
- SEDIMENT TRAP
- FLOW PATH
- TEMPORARY SWALE
- TEMPORARY SWALE WILL DIRECT OVERLAND FLOW AROUND DEMOUNTABLES DURING MINOR & MAJOR STORM EVENTS.

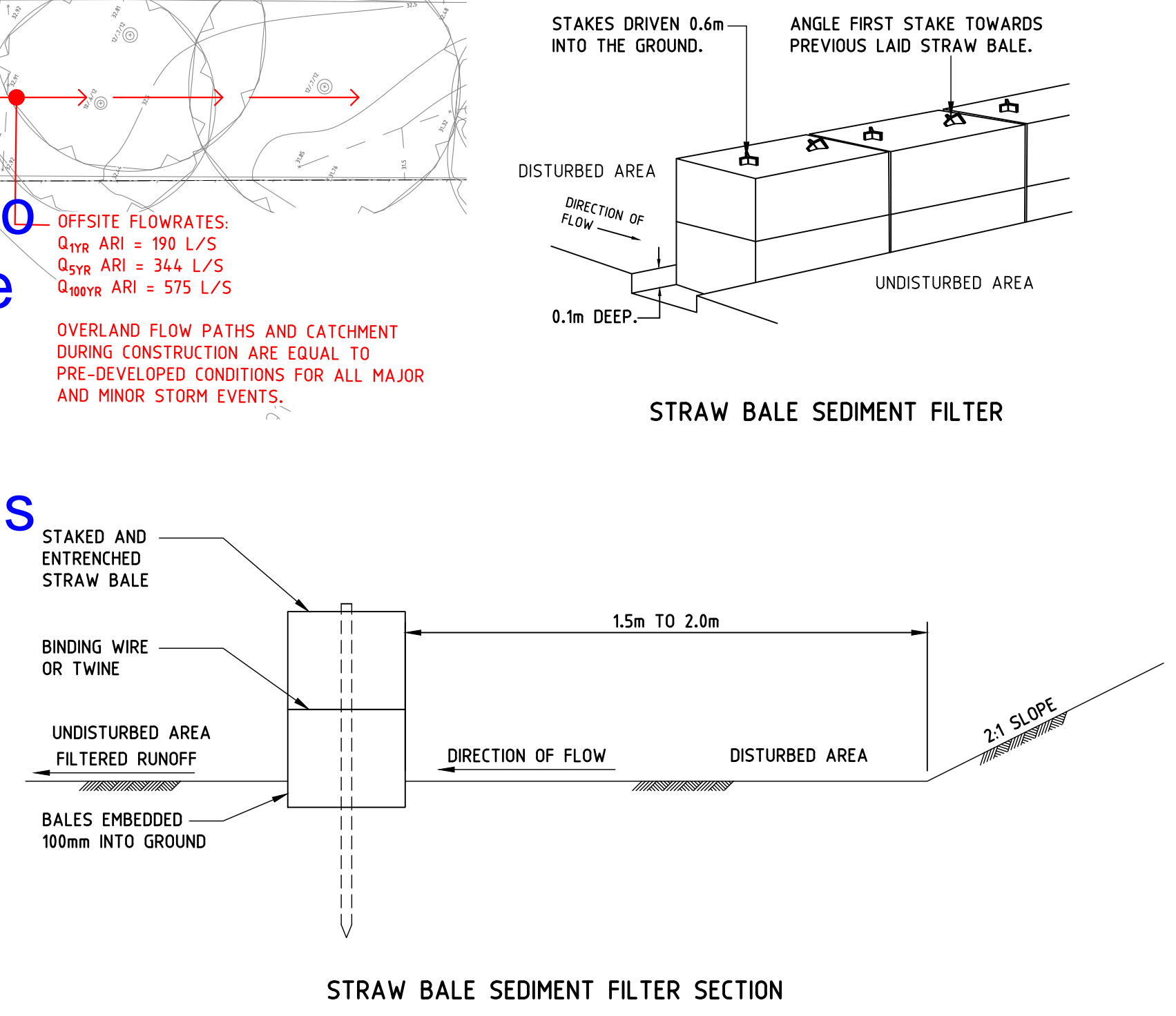
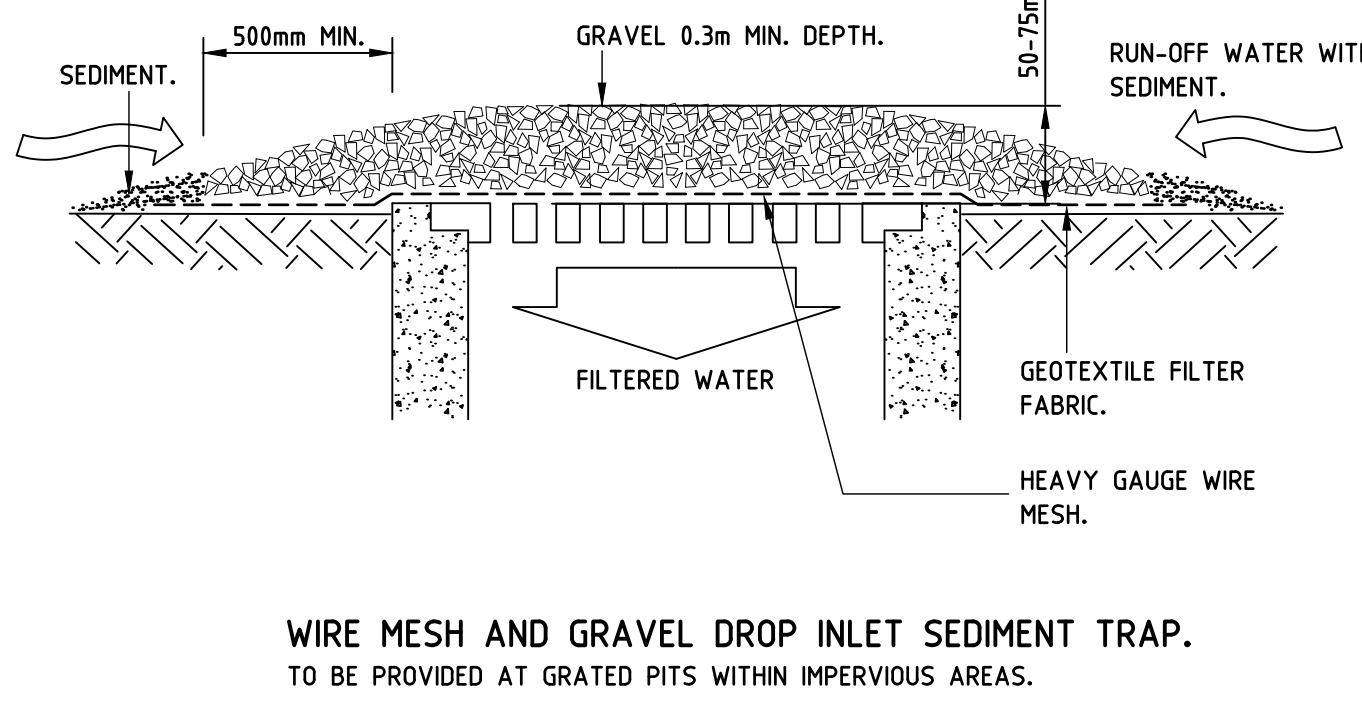
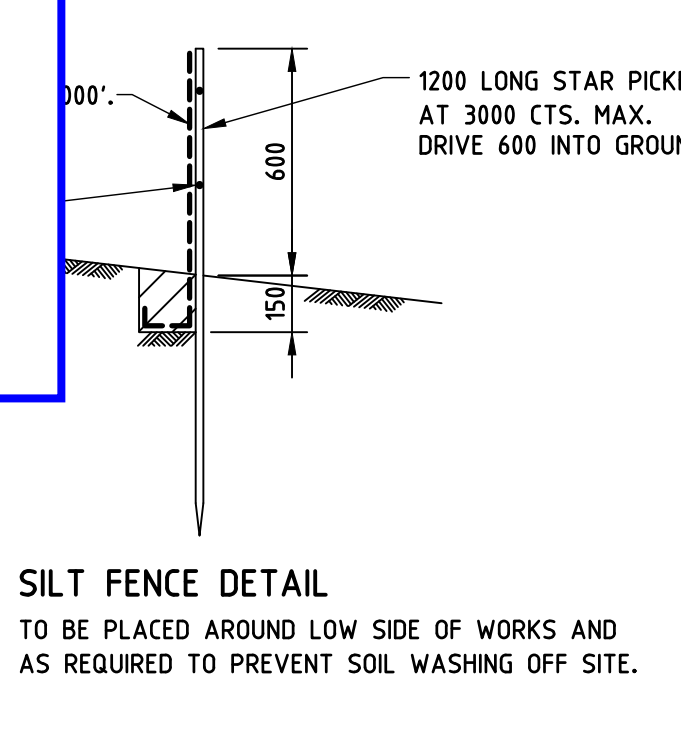
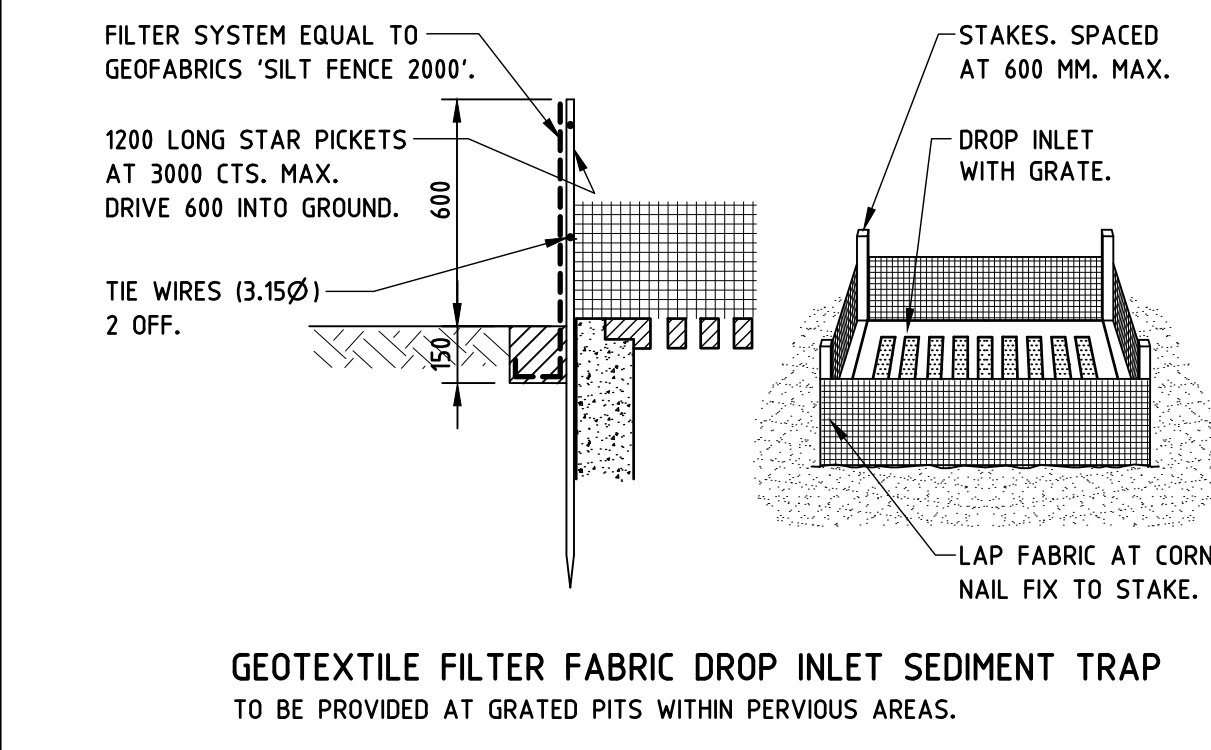
**NOTE:**

- PROVIDE SILT TRAP AROUND ALL NEW PITS FOR THE DURATION OF CONSTRUCTION (TYP).
- PROVIDE SILT TRAPS AROUND ALL EXISTING GRATED INLET PITS WITHIN AREA OF WORKS UNTIL THE PITS ARE REMOVED OR WORKS ARE COMPLETED (TYP).

- ### ADCO Onsite stormwater management plan - Rev2
- 1) All stormwater run off to stormwater collection area (highlighted in blue). Any overflow will spill out of OSD and follow the land contour to local stormwater system.
  - 2) Allow for sediment to settle at the bottom of stormwater collection area (use appropriate flocculation process)
  - 3) test cleaned stormwater PH level to see if it is acceptable for discharge offsite via nearest stormwater pit
  - 4) If PH level is unacceptable, remediation process will require to extract pollutant out of stormwater prior to discharge offsite
  - 5) if pollutant cannot be remediated, the volume of stormwater are to be remove offsite via hydro excavation services and tipped at acceptable tips
  - 6) obtain all require permits and approval from local authorities, where require.

**Sediment control**  
hay bales and silt fences to be installed around OSD (in accordance to Blue Book) to eliminate sediment from escaping OSD. Daily check is require by ADCO site team.

**\*\* For all future extreme weather event, ADCO to provide additional hay bale to capture any sediment run off.**



No.	Date	Description	Ver.	Appr.
C1	04.04.19	ISSUED FOR CONSTRUCTION	J.G.	K.E.C.
C2	10.07.19	REVISED FOR CONSTRUCTION.	J.G.	K.E.C.

Note: No in ground stormwater has been identified within the Geotech's test bore logs. Hence no in ground stormwater management process is require.

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**SCHOFIELDS PUBLIC SCHOOL**  
**EROSION AND SEDIMENT CONTROL PLAN**

Date	APRIL 2019	Approved	Verified	Prepared
Scale @ B1	1:250, 20	K.E.C.	J.G.	S.C.
Job number	16-162	Drawing number	C11	Amendment
				C2