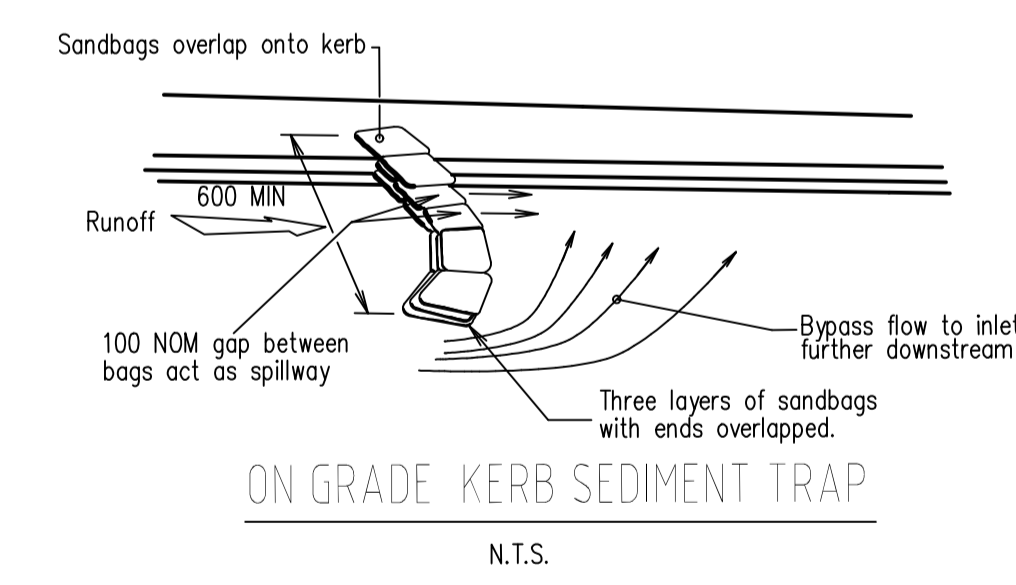
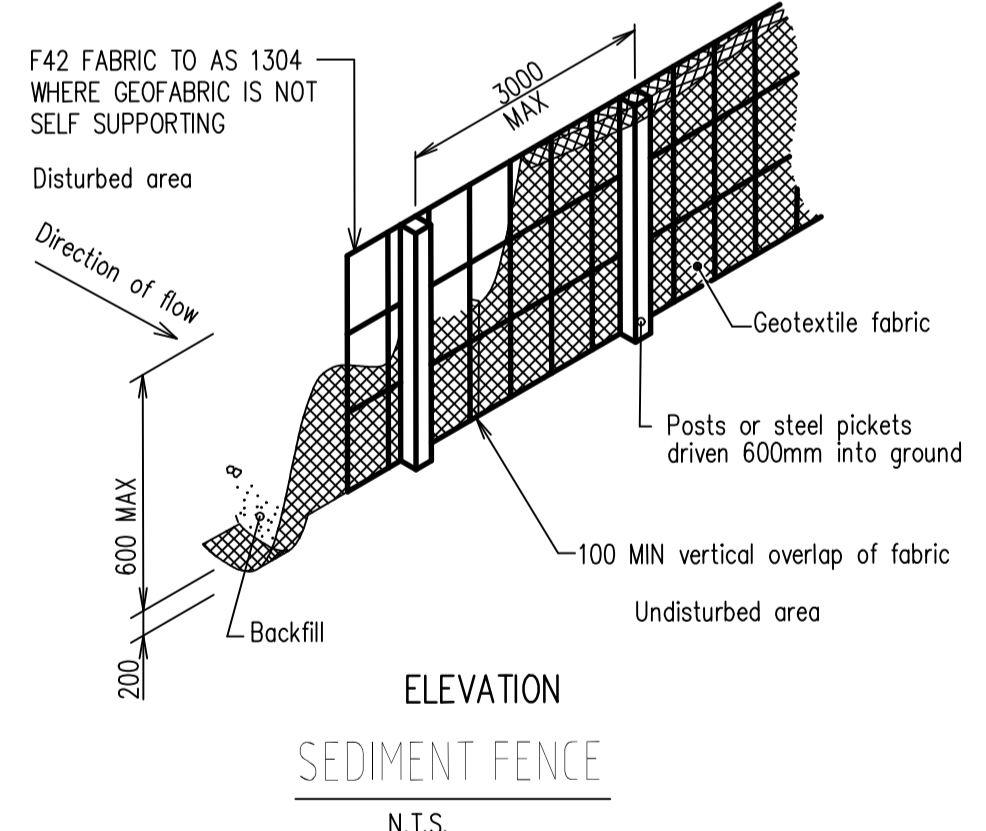
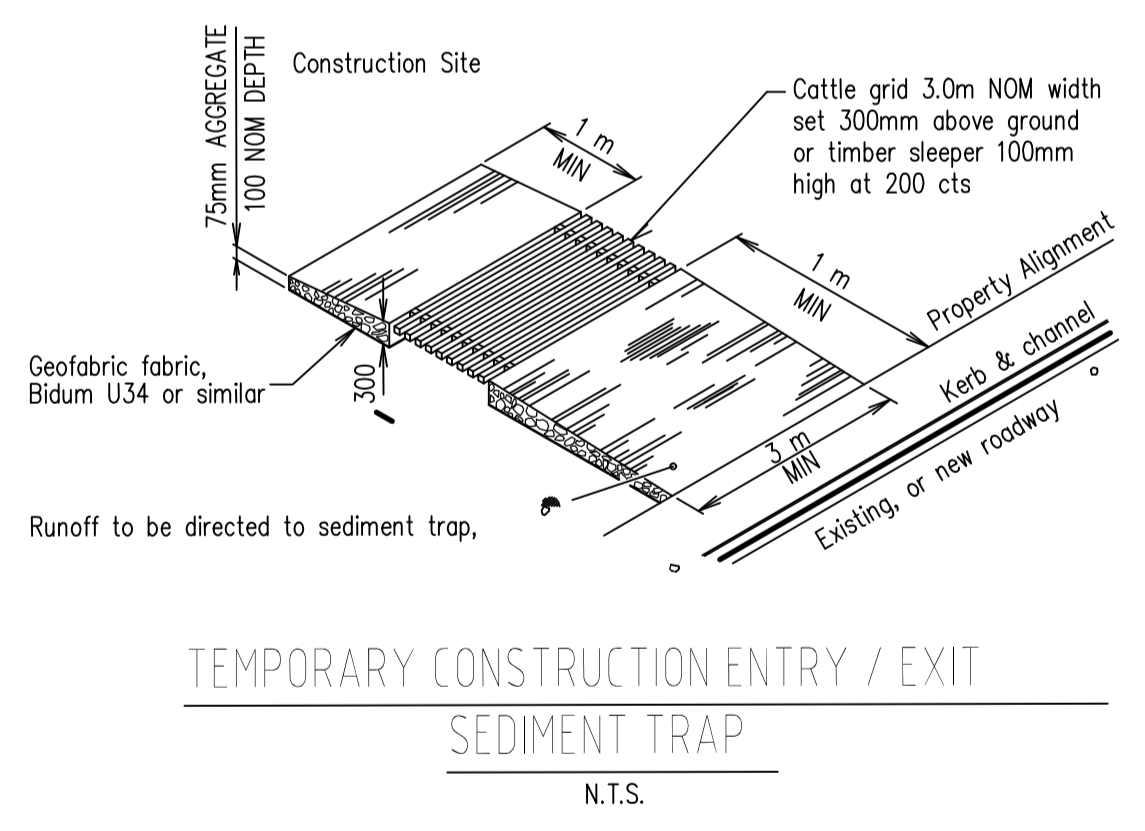


### SOIL WATER MANAGEMENT PLAN

SCALE HOR 1:250 0 2.5 5.0 7.5 10 12.5

#### LEGEND

- SITE BOUNDARY
- AREA OF SITE DISTURBANCE
- EXISTING STORMWATER PIT
- SEDIMENT FENCE - LOCATION SHOWN INDICATIVE ONLY
- TEMPORARY CONSTRUCTION ENTRY/EXIT SEDIMENT TRAP
- ON GRADE KERB SEDIMENT TRAP
- TEMPORARY SEDIMENT BASIN



#### SITE INSPECTION & MAINTENANCE CONDITIONS

THE SITE MANAGER WILL INSPECT THE SITE AT LEAST WEEKLY AND WILL:

- ENSURE THAT DRAINS OPERATE PROPERLY & TO EFFECT ANY NECESSARY REPAIRS
- REMOVE SPILLED SAND OR OTHER MATERIALS FROM HAZARD AREAS, INCLUDING LANDS CLOSER THAN 5m FROM AREAS OF LIKELY CONCENTRATED OR HIGH VELOCITY FLOWS ESPECIALLY WATERWAYS & PAVED AREAS.
- REMOVE TRAPPED SEDIMENT WHENEVER LESS THAN DESIGN CAPACITY REMAINS WITHIN THE STRUCTURE
- ENSURE REHABILITATED LANDS HAVE EFFECTIVELY REDUCED THE EROSION HAZARD AND TO INITIATE UPGRADING OR REPAIR AS APPROPRIATE.
- CONSTRUCT ADDITIONAL EROSION AND/OR SEDIMENT CONTROL WORKS AS MIGHT BECOME NECESSARY TO ENSURE THE DESIRED PROTECTION IS GIVEN TO DOWNSLOPE LANDS AND WATERWAYS.
- MAINTAIN EROSION & SEDIMENT CONTROL MEASURES IN A FULLY FUNCTIONING CONDITION UNTIL ALL EARTHWORK ACTIVITIES ARE COMPLETED AND THE SITE IS REHABILITATED.
- REMOVE TEMPORARY SOIL CONSERVATION STRUCTURES AS THE LAST ACTIVITY IN THE REHABILITATION PROGRAM.

AS PART OF THE STATUTORY 'DILIGENCE OF CARE' RESPONSIBILITIES, THE SITE MANAGER WILL KEEP A LOGBOOK MAKING ENTRIES AT LEAST WEEKLY, IMMEDIATELY BEFORE FORECAST RAIN AND AFTER RAINFALL. ENTRIES WILL INCLUDE:

- THE VOLUME & INTENSITY OF ANY RAINFALL EVENTS
- THE CONDITION OF ANY SOIL & WATER MANAGEMENT WORKS
- THE CONDITION OF VEGETATION & ANY NEED TO IRRIGATE
- THE NEED FOR DUST PREVENTION STRATEGIES
- ANY REMEDIAL WORKS TO BE UNDERTAKEN

THE BOOK WILL BE KEPT ONSITE & MADE AVAILABLE TO ANY AUTHORISED PERSON ON REQUEST. IT WILL BE GIVEN TO THE PROJECT MANAGER AT THE CONCLUSION OF WORKS.

#### NOTE:

- CONTRACTOR TO PROVIDE PROPOSED MANAGEMENT PLAN PROCEDURES
- VEHICLE MOVEMENTS ARE TO BE LIMITED TO AREAS APPROVED IN THE ENVIRONMENTAL MANAGEMENT PLAN.
- INSTALL WIND FENCES AROUND EXPOSED SOIL IN AREAS SUSCEPTIBLE TO DUST GENERATION.
- WATER EXPOSED SOIL WHEN DUST IS VISIBLE. ENSURE THAT THIS WATER DOES NOT CONTAMINATE SURFACE WATER. WATER FROM SEDIMENT DAMS MAY BE USED FOR DUST SUPPRESSION.

#### SEDIMENT & EROSION CONTROL PROCEDURE - STAGE 1

- CONSTRUCT TEMPORARY ENTRY/EXIT SEDIMENT TRAP (REFER TO TYPICAL DETAIL, BUILDER TO CONFIRM LOCATION ONSITE).
- CONSTRUCT SEDIMENT FENCE AND NO DIRTY WATER SHOULD BE ALLOWED TO LEAVE THE SITE - REFER TO TYPICAL DETAIL.
- CONSTRUCT ON GRADE KERB INLET SEDIMENT TRAP TO EXISTING STORMWATER PITS REFER TO TYPICAL DETAIL.
- CONSTRUCT SEDIMENT BASINS
- ADJUST/EMPTY SEDIMENT BASIN AS REQUIRED TO PREVENT SEDIMENT LADEN WATER FROM LEAVING THE SITE.
- MINIMISE DISTURBED AREA.

#### SEDIMENT CONTROL CONDITIONS

- SEDIMENT FENCES WILL BE INSTALLED AS SHOWN AND ELSEWHERE AT THE DISCRETION OF THE SITE MANAGER TO CONTAIN COARSER SEDIMENT FRACTIONS (INCLUDING AGGREGATED FINES) AS NEAR AS POSSIBLE TO THEIR SOURCE.
- SEDIMENT REMOVED FROM ANY TRAPPING DEVICE WILL BE RELOCATED WHERE FURTHER POLLUTION TO DOWNSLOPE LANDS & WATERWAYS CANNOT OCCUR. STOCKPILES WILL BE PLACED AT THE DISCRETION OF THE SITE MANAGER AND NOT WITHIN 5m OF HAZARD AREAS INCLUDING LIKELY AREAS OF HIGH VELOCITY FLOWS SUCH AS WATERWAYS, PAVED AREAS & DRIVEWAYS.
- WATER WILL BE PREVENTED FROM DIRECTLY ENTERING THE PERMANENT DRAINAGE SYSTEM WITH INLET FILTERS (SEE DETAILS) UNLESS IT IS SEDIMENT FREE.
- TEMPORARY SEDIMENT TRAPS WILL BE RETAINED UNTIL AFTER THE LANDS THEY ARE PROTECTING ARE COMPLETELY REHABILITATED.

- SEDIMENT CONTROL MEASURES TO BE CHECKED DAILY
- HAUL ROAD LOCATIONS TO BE DETERMINED ON SITE WITH THE APPROVAL OF THE SUPERINTENDENT
- SEALED ROADS ARE TO BE KEPT FREE OF CLAY BITUMEN ROADS ARE TO BE CLEANED/WASHED AS REQUIRED
- NO CLAY/SEDIMENTS ARE TO BE WASHED/DRAINED INTO PITS.
- PREVENT SEDIMENT LEAVE THE BUILDING SITE

Rev	Description	Date	By	App
A	FOR CONSTRUCTION	13.12.11	AS	SN

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**PEMULWAY PROJECT**  
REDFERN, NSW

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**SOIL WATER MANAGEMENT PLAN LAYOUT FOR PRECINCT 1 AND 2, REDFERN**

#### FOR CONSTRUCTION

Designed	SN	Project Director Approved	Date	North
Drawn	AS			
Scale	NOTED	Project Ref	Drawing No	Rev
Date	MAR 11	200116401	C082	A
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