

CONTRACTOR IS TO LOCATE ALL EXISTING SERVICES PRIOR TO THE COMMENCEMENT OF WORK

EROSION AND SEDIMENT CONTROL NOTES

1. All work shall be generally carried out in accordance with

- (A) Local authority requirements,
- (B) EPA Pollution control manual for urban stormwater, (C) Department of conservation and land management manual—
- "Urban Erosion & Sediment Control". Erosion and sediment control <u>drawings and notes</u> are provided for the whole of the works. Should the Contractor stage these works
- then the design may require to be modified. Variation to these details may require to be approved by the relevant authorities. The erosion and sediment control **plan** shall be implemented and adopted to meet the varying situations as work on site progresses
- Maintain all erosion and sediment control devices to the satisfaction of the superintendent and the local authority.
- 4. When stormwater pits are constructed prevent site runoff entering the pits unless silt fences are erected around pits.
- 5. Minimise the area of site being disturbed at any one time. 6. Protect all stockpiles of materials from scour and erosion. Do not stockpile loose material in roadways, near drainage pits or in
- 7. All soil and water control measures are to be put back in place at the end of each working day, and modified to best suit site
- 8. Control water from upstream of the site such that it does not
- enter the disturbed site. 9. All construction vehicles shall enter and exit the site via the
- temporary construction entry/exit.
- 10. All vehicles leaving the site shall be cleaned and inspected before
- 1. Maintain all stormwater pipes and pits clear of debris and sediment. Inspect stormwater system and clean out after each
- storm event. 12. Clean out all erosion and sediment control devices after each storm event.

Sequence Of Works

- PROVIDE HAY BALE SEDIMENT FILTER

REFER TO DETAIL ON THIS DRAWING

PROVIDE GEOTEXTILE FILTER PIT SURROUND

+ PROVIDE KERB INLET SEDIMENT TRAP

REFER TO DETAIL ON THIS DRAWING

- PROVIDE SILT FENCE REFER TO

PROVIDE SANDBAG SEDIMENT INLET TRAP

REFER TO DETAIL ON THIS DRAWING

PROVIDE GEOTEXTILE FILTER PIT SURROUND

REFER TO DETAIL ON THIS DRAWING

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1. Prior to commencement of excavation the following soil management devices must be installed.

- .1. Construct silt fences below the site and across all potential runoff sites. 1.2. Construct temporary construction entry/exit and divert runoff to
- suitable control systems. .3. Construct measures to divert upstream flows into existing
- stormwater system. 1.4. Construct sedimentation traps/basin including outlet control and
- 1.5. Construct turf lined swales. 1.6. Provide sandbag sediment traps upstream of existing pits.
- 2. Construct geotextile filter pit surround around all proposed pits as they are constructed.
- . On completion of pavement provide sand bag kerb inlet sediment
- traps around pits.

 Provide and maintain a strip of turf on both sides of all roads after the construction of kerbs.

EROSION AND SEDIMENT CONTROL LEGEND



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SB DH 06.05.10

SB DH 05.03.10

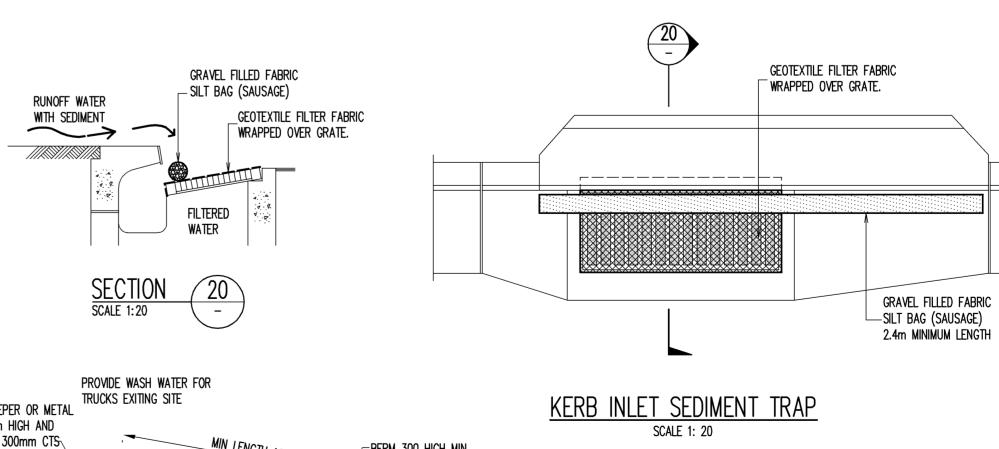
SB DH 04.03.10

SB DH 26.02.10

SB DH 23.02.10

SB DH 11.02.10

Eng Draft Date



PROVIDE HAY BALE SEDIMENT FILTER

REFER TO DETAIL ON THIS DRAWING

PROVIDE SILT FENCE REFER TO →

DETAIL ON THIS DRAWING

PROVIDE GEOTEXTILE FILTER PIT SURROUND REFER TO DETAIL ON THIS DRAWING

BUILDING E BASIN = 60m3

PROVIDE CATCH DRAIN REFER —

TO DETAIL ON THIS DRAWING

PROVIDE SILT FENCE REFER TO -

DETAIL ON THIS DRAWING

OUTLINE OF PARKING PODIUM BELOW

— Providé hay bale sediment filter-

REFER TO DETAIL ON THIS DRAWING

PROVIDE CATCH DRAIN REFER —

TO DETAIL ON THIS DRAWING

BUILDING A BASIN = 35m

FFL65,60 LOBBY ENTRY - FEL 65,30

PROPOSED

DISPLAY CENTRE

PROPOSED SALES CENTRE

TIMBER SLEEPER OR METAL GRID 100mm HIGH AND SPACED AT 300mm CTS MIN LENGTH 10m BERM 300 HIGH MIN CONSTRUCTION SITE

-50-75mm GRAVEL BED RUNOFF FROM PAD DIRECTED MIN 200mm THICK TO SEDIMENT TRAP TEMPORARY CONSTRUCTION VEHICLE EXIT

RUNOFF WATER WITH SEDIMENT FILTERED WATER GEOTEXTILE FILTER FABRIC GEOTEXTILE FILTER PIT SURROUND _EXISTING PIT OR GRATE AS SPECIFIED RUNOFF WATER WITH SEDIMENT

GRATE AS SPECIFIED

PROVIDE SILT FENCE REFER TO —

DETAIL ON THIS DRAWING

Provide Catch Dráin Refér —

TO DETAIL ON THIS DRAWING

BUILDING C BASIN = 70m3

ENSURE SANDBAGS SURROUND ENTIRE KERB INLET -RUN OFF SANDBAG KERB INLET SEDIMENT TRAP — TYPE B

PROVIDE HAY BALE SEDIMENT FILTER

REFER TO DETAIL ON THIS DRAWING

BUILDING A BASIN = 70m3

-PROVIDE CATCH DRAIN REFER

TO DETAIL ON THIS DRAWING

PROVIDE CATCH DRAIN REFER -

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−PROVIDE SANDBAG SEDIMENT INLET TRAP

MORLING COLLEGE

PROVIDE HAY BALE SEDIMENT FILTER > REFER TO DETAIL ON THIS DRAWING

→ OVERFLOW WEIR

TO SYSTEM

-GEOFABRIC FILTER

MATERIAL

LEVEL 500 WIDE

-SANDBAG MOUND OR GRADED ROCK

PLAN SCALE 1: 300

REFER TO DETAIL ON THIS DRAWING

TEMPORARY CONSTRUCTION ACCESS ROAD

TO DETAIL ON THIS DRAWING

BUILDING B BASIN = 60m

GEOTEXTILE FABRIC—

TURNER + ASSOCIATES Level 1, 410 Crown Street. Surry Hills NSW 2010 LE LIPMAN

P6 ISSUE FOR EA SUBMISSION

P5 ISSUE FOR COMMENTS

P4 ISSUE FOR COMMENTS

P3 ISSUE FOR COMMENTS

P2 ISSUE FOR COMMENTS

Rev Description

Sheet Subject

the obvious choice TaylorThomsonWhitting Consulting Engineers 48 Chandos Street St.Leonards NSW 2065 T: +61 2 9439 7288 F: +61 2 9439 3146 ttwsyd@ttw.com.au

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Plot File Created: May 07, 2010 - 9:16am

1:300 Job No 091679

RESIDENTIAL DEVELOPMENT

OVERALL (BUILDINGS A -E) EROSION AND SEDIMENT

128 HERRING ROAD,

MACQUARIE PARK

CONTROL PLAN

B1 0 1 2 3 4 5 6 7 8 9 10

GEOTEXTILE FABRIC SECURELY

SILTATION FENCE DETAIL

TYPICAL SECTION THROUGH CATCH DRAIN

FIXED TO FENCE —

3 x 2.5 WIRES AT

150 CENTRES —

PROPOSED BULK EARTHWORKS LINE

EMBED GEOTEXTILE FABRIC

UP SLOPE TO PREVENT RUNOFF

200 MIN INTO GROUND —

EXISTING SURFACE LEVEL

PROVIDE HAY BALE SEDIMENT FILTER -

BUILDING D BASIN = 60m³

PROVIDE GEOTEXTILE FILTER PIT SURROUND

PROVIDE SILT FENCE REFER TO -

DETAIL ON THIS DRAWING

REFER TO DETAIL ON THIS DRAWING (TYPICAL)

PROVIDE CATCH DRAIN REFER -

PROVIDE HAY BALE SEDIMENT FILTER-

REFER TO DETAIL ON THIS DRAWING

GEOTEXTILE FILTER FABRIC EMBEDDED 200 MIN INTO GROUND REFER TO

SILTATION FENCE DETAIL

TO DETAIL ON THIS DRAWING

REFER TO DETAIL ON THIS DRAWING

#PROVIDE HAY BALE SEDIMENT FILTER —

REFER TO DETAIL ON THIS DRAWING

STORMWATER PIT NOTE SILTATION FENCE TO RETURNED

> FILTERED WATER - Geotextile filter fabric ackslash WRAPPED OVER GRATE.

> > GEOTEXTILE PIT FILTER