

Appendix B

Erosion and Sediment Control Plan

EROSION AND SEDIMENT CONTROL NOTES

- All work shall be generally carried out in accordance with:
(A) Local authority requirements,
(B) EPA - Pollution control manual for urban stormwater,
(C) LANDCOM NSW - Managing Urban Stormwater: Sals and Construction ("Blue Book").
- Erosion and sediment control devices and measures are provided for the whole of the works. Should the Contractor stage these works then the design may be required to be modified. Variation to these details may require approval by the relevant authorities. The erosion and sediment control shall be implemented and adapted 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.
- When stormwater pits are constructed prevent site runoff entering the pits unless all fences are erected around pits.
- Minimise the area of site being disturbed at any one time.
- Protect all stockpiles of materials from scour and erosion. Do not stockpile loose material in roadways, near drainage pits or in watercourses.
- 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 conditions.
- Control water from upstream of the site such that it does not enter the disturbed site.
- All construction vehicles shall enter and exit the site via the temporary construction entry/exit.
- All vehicles leaving the site shall be cleaned and inspected before leaving.
- Maintain all stormwater pipes and pits clear of debris and sediment. Inspect stormwater system and clean out after each storm event.
- Clean out all erosion and sediment control devices after each storm event.

Sequence Of Works

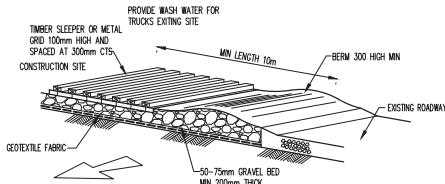
- Prior to commencement of excavation the following soil management devices must be installed.
- Construct all fences below the site and across all potential runoff sites.
- Construct temporary construction entry/exit and divert runoff to suitable control systems.
- Construct measures to divert upstream flows into existing stormwater system.
- Construct sedimentation traps/basins including outlet control and overflow.
- Construct turf lined swales.
- Provide sandbag sediment traps upstream of existing pits.
- 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.

WATER QUALITY TESTING REQUIREMENTS

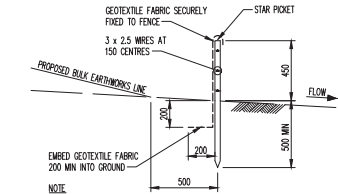
Prior to discharge of site stormwater, groundwater and seepage water into council's stormwater system, contractors must undertake water quality tests in conjunction with a suitably qualified environmental consultant outlining the following:

- Compliance with the criteria of the Australian and New Zealand Guidelines for Fresh and Marine Water Quality (2000)
- If required subject to the environmental consultants advice, provide remedial measures to improve the quality of water that is to be discharged into Councils storm water drainage system. This should include comments from a suitably qualified environmental consultant confirming the suitability of these remedial measures to manage the water discharged from the site into Councils storm water drainage system. Outlining the proposed, ongoing monitoring, contingency plans and validation program that will be in place to continually monitor the quality of water discharged from this site. This should outline the frequency of water quality testing that will be undertaken by a suitably qualified environmental consultant.

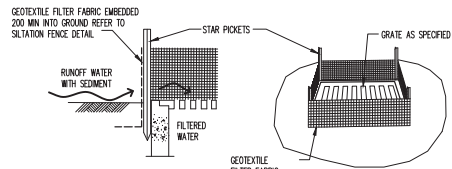
EROSION AND SEDIMENT CONTROL LEGEND



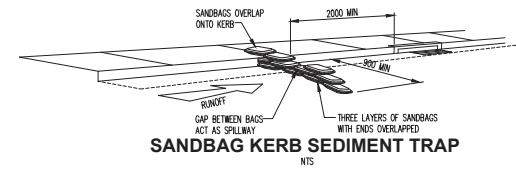
TEMPORARY CONSTRUCTION VEHICLE EXIT
NTS



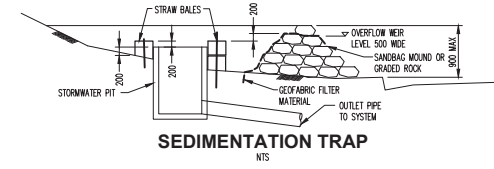
SILTATION FENCE DETAIL
SCALE 1: 20



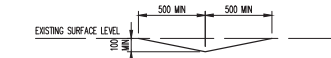
GEOTEXTILE FILTER PIT SURROUND
NTS



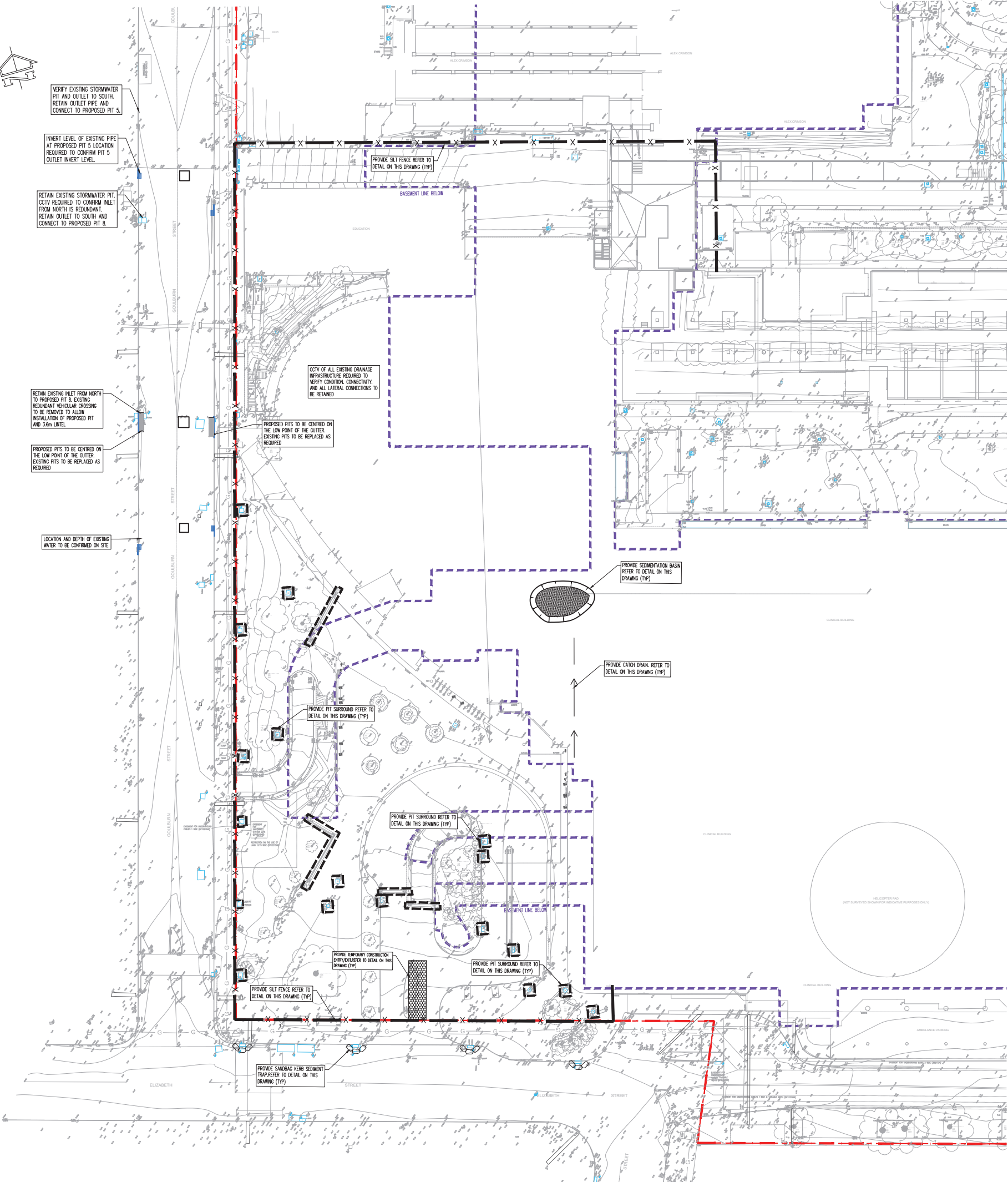
SANDBAG KERB SEDIMENT TRAP
NTS



SEDIMENTATION TRAP
NTS



TYPICAL SECTION THROUGH CATCH DRAIN
SCALE 1: 20



PLAN
SCALE 1: 250

SCALE 1:500 0 5 10 15 20 25
AT ORIGINAL SIZE

PROJECT LIVERPOOL HEALTH & ACADEMIC PRECINCT

Health
NSW
South Western Sydney
Local Health District
ELIZABETH STREET LIVERPOOL NSW

CLIENT
Health
NSW
Infrastructure
14/27 PACIFIC HWY, NORTH SYDNEY NSW 2060

PROJECT MANAGER
JOHNSTAFF

LEVEL 5/9-43 CASTLEBAGH ST, SYDNEY NSW 2000

ARCHITECT
fitzpatrick+partners
© Copyright 2018
0 +61 2 92 874 8000
www.fitzpatrickpartners.com
G LEVEL 6/154 CLARENCE STREET, SYDNEY 2000, AUSTRALIA

MECHANICAL / ELECTRICAL / SECURITY
JACOBS

177 PACIFIC HWY, NORTH SYDNEY NSW 2060

HYDRAULIC / IRE

Level 5/233 CASTLEBAGH ST, SYDNEY NSW 2000

QUANTITY SURVEYOR

11/263 ALFRED ST, NORTH SYDNEY NSW 2060

LANDSCAPE ARCHITECT

45-67 KENT ST, SYDNEY NSW 2000

SSDA
NOT TO BE USED FOR CONSTRUCTION
DRAWING
LHAP - EROSION AND SEDIMENT
CONTROL PLAN

DRAWN SH APPROVED PRINT DATE

SCALE @A0 1:250@A0 PROJECT STAGE

PROJECT NO. 181032 LHAP-CHTW-DRG-MW-005001 A