


SEDIMENT AND EROSION CONTROL PLAN

SCALE 1:200

LEGEND

- PROPOSED BUILDING OUTLINE
- EXISTING BUILDING
- ZONE OF WORKS
- SANDBAG SEDIMENT TRAP
- SEDIMENT FENCE
- OVERLAND FLOW ARROW
- PROPOSED TEMPORARY SHAKER GRID AND WASH DOWN FACILITY

FOR DETAILS REFER TO
PLAN CV-05

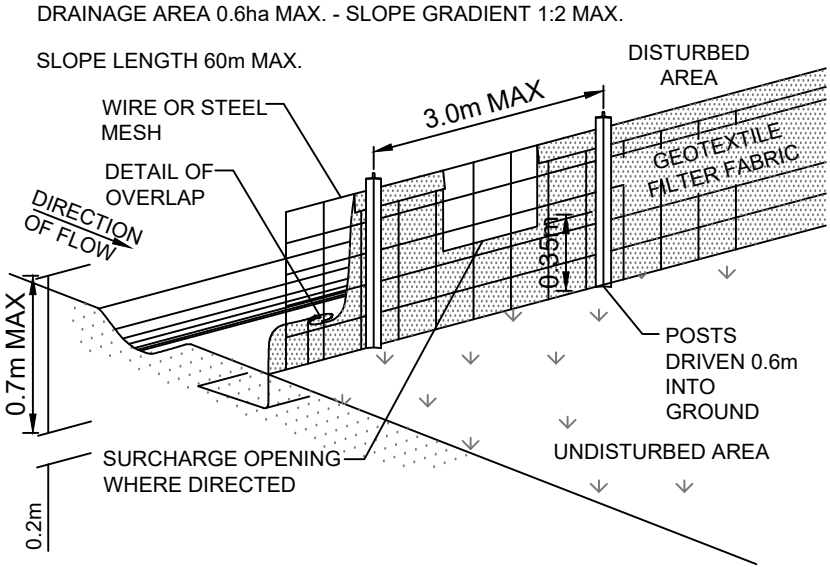
A	09/09/20	ISSUE FOR DA		MM
REV.	DATE	AMENDMENT DESCRIPTION		DRAWN
		<div><h1>SYDNEY ENGINEERS</h1><p>ACN: 123 292 660</p><h2>Structural & Civil Consultants</h2><p>L1, 442 Rocky Point Rd Sans Souci NSW 2219 Tel: (02) 9529 0899 Mob 0418 424 921</p></div>		
proj.: WOUTERS & HALLAND PROJECT at: 28 WYADRA AVENUE, FRESHWATER NSW 2096 for : CLARA WOUTERS & ROBERT HALLAM				
Title : SEDIMENT AND EROSION CONTROL PLAN				
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EROSION AND SEDIMENT CONTROL:

1. THE CONTRACTOR SHALL PROVIDE ADEQUATE VEHICLE WASH FACILITIES AT THE SITE EXIT AND SHALL CLEAN ALL VEHICLES EXITING THE SITE TO ENSURE MATERIALS AND MUD IS NOT TRANSPORTED AND DEPOSITED OFF SITE. WATER FROM ANY WASHBAY IS TO BE DIVERTED TO THE SEDIMENT FENCE OR TO THE SEDIMENT BASIN PRIOR TO DISCHARGE.
2. NOTWITHSTANDING THE EROSION AND SEDIMENT CONTROL NOTES THE CONTRACTOR SHALL NOTE THEIR OVERARCHING OBLIGATION WITH THE WARRINGBAYSIDE COUNCIL IN RESPECT OF ENVIRONMENTAL CONTROLS. PARTICULARLY ONGOING TESTING OF DISCHARGE, MAINTENANCE, DREDGING OF ANY INCLUDED SEDIMENTATION PONDS AND FINAL FILTRATION AT OUTLETS.
3. THE CONTRACTOR SHALL TAKE ALL STEPS NECESSARY TO PROTECT THE ENVIRONMENT AND IN PARTICULAR SHALL CONTROL EROSION, SEDIMENTATION AND POLLUTION DURING CONSTRUCTION IN ACCORDANCE WITH THE REQUIREMENTS OF THE EPA, DEC, COUNCIL, AND THE EROSION AND SEDIMENT CONTROL PLAN.
4. EROSION AND SEDIMENT CONTROL DEVICES ARE TO BE CONSTRUCTED IN ACCORDANCE WITH "MANAGING URBAN STORMWATER - SOILS AND CONSTRUCTION" (2004 - BLUE BOOK), AND BOTANY BAY DCP.
5. EROSION AND SEDIMENT CONTROL DEVICES SHALL BE CONFIRMED IN THE QUALITY PLAN PRODUCED BY THE CONTRACTOR AND SHALL BE IMPLEMENTED AND ADJUSTED TO SUIT CONSTRUCTION ACCESS AND STAGING.
6. FOLLOWING EVERY RAINFALL EVENT EXCEEDING 10mm OR WHEN ANY INCLUDED BASINS ARE GREATER THAN 50% FULL, WATER SHALL BE TESTED FOR COMPLIANCE WITH EPA'S STANDARDS AND, IF FOUND NOT TO COMPLY, WATER SHALL BE TREATED BY APPROPRIATE FLOCCULATION, FILTRATION OR OTHER APPROVED METHODS.
7. CONTRACTOR TO PROVIDE ALL PERIMETER SITE FENCING FOR SECURITY & SAFETY PURPOSES AS REQUIRED.
8. EMPTY ANY INCLUDED SEDIMENT BASINS WITHIN 72 HOURS OF RAINFALL. TREAT WATER AS NECESSARY TO ACHIEVE REQUIRED WATER QUALITY STANDARDS.

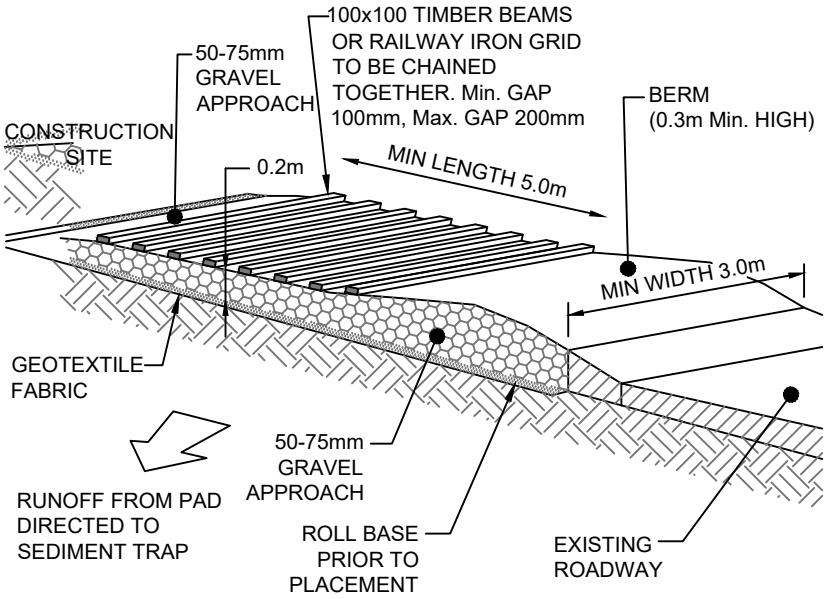
STOCKPILE NOTES:

1. PROTECT ALL STOCKPILES FROM SCOUR AND EROSION. DO NOT STOCKPILE LOOSE MATERIAL IN ROADWAYS, NEAR DRAINAGE PITS OR IN WATERCOURSES.
2. SPOIL & TOPSOIL STOCKPILES SHALL BE LOCATED AWAY FROM DRAINAGE LINES AND AREAS WHERE WATER MAY CONCENTRATE. STOCKPILES ARE TO BE SURROUNDED BY SEDIMENT FENCE.
3. IF STOCKPILES ARE TO BE IN PLACE FOR LONGER THAN 30 DAYS THEN THEY SHALL BE STABILISED BY COVERING WITH MULCH OR WITH TEMPORARY VEGETATION.
4. FOLLOWING CONSTRUCTION, TOPSOIL SHALL BE RESPREAD TO A MINIMUM DEPTH OF 100mm ON BARE SOIL SURFACES AND REVEGETATED TO LANDSCAPE ARCHITECTS DETAILS AND SPECIFICATION .



SEDIMENT FENCE

N.T.S.

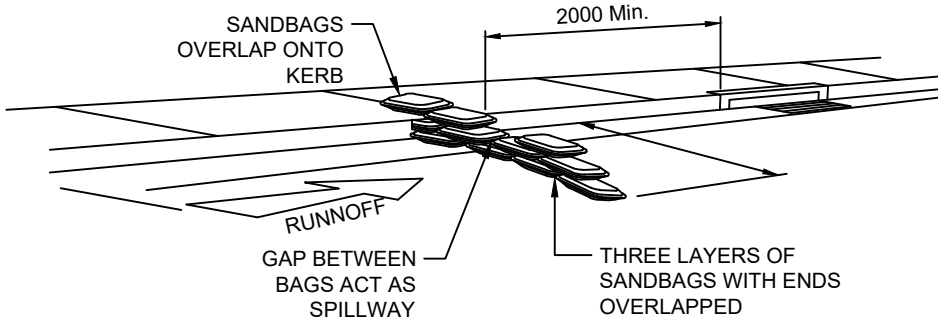


TEMPORARY CONSTRUCTION EXIT/ENTRANCE

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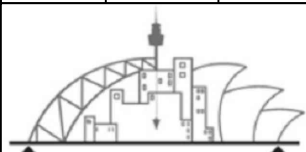
INSTALLATION

1. EXCAVATE A TRENCH 200mm DEEP.
2. DRIVE POSTS 500-700mm INTO GROUND AT A MAXIMUM SPACING OF 3.0m CENTRES.
3. PLACE AND FIX SUPPORT MESH (SL52) TO POST.
4. LAY BIDIM GEOFABRIC (SF 2000) AGAINST THE SUPPORT MESH AND FIX BY TIE WIRE, STAPLES OR HOG RINGS.
5. PLACE BIDIM IN TRENCH AND BACKFILL WITH SOIL.
6. POSITION OF SEDIMENT FENCE AS DIRECTED BY SUPERINTENDENT. FENCE TO REMAIN IN PLACE UNTIL EXCAVATION IS BELOW FOOTPATH LEVEL.



SANDBAG SEDIMENT TRAP

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