

PIPE RISER OPEN AT TOP -**EMERGENCY** -SETTLING VOLUME OUTLET -STORAGE VOLUME 0.6m MIN OUTLET (MIN 0.25m DIA) -WEIGHTED BASE PROTECTION -GEOTEXTILE FILTER CROSS SECTION OF TYPICAL SEDIMENT BASIN DRAINAGE AREA 0.6ha MAX. - SLOPE GRADIENT 1:2 MAX. INSTALLATION SLOPE LENGTH 60m MAX. DISTURBED AREA EXCAVATE A TRENCH 200mm DEEP. WIRE OR STEEL MESH-2. DRIVE POSTS 500-700mm INTO GROUND AT A MAXIMUM SPACING OF 3.0m CENTRES. 3. PLACE AND FIX SUPPORT MESH (F52) TO POST. DETAIL OF OVERLAP-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. 0.6m INTO GROUND POSITION OF SEDIMENT FENCE AS DIRECTED BY UNDISTURBED AREA SUPERINTENDENT. FENCE TO REMAIN IN PLACE UNTIL SURCHARGE OPENING-EXCAVATION IS BELOW FOOTPATH LEVEL. PROVIDE WHERE DIRECTED 2mx2m TURFED AREA ON DOWNSTREAM SIDE OF FENCE SEDIMENT FENCE AT SURCHARGE OPENINGS. COARSE AGGREGATE -75 NOM. SIZE 150 THICK OVER GEOFABRIC 5.0 5.0 - 200x100 SLEEPERS 200 GAP SHAKER GRID

10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

1. ALL WORK SHALL BE GENERALLY CARRIED OUT IN ACCORDANCE WITH: (A) LOCAL AUTHORITY REQUIREMENTS,

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(B) EPA - POLLUTION CONTROL MANUAL FOR URBAN STORMWATER. (C) DEPARTMENT OF CONSERVATION AND LAND MANAGEMENT MANUAL-"URBAN EROSION & SEDIMENT CONTROL".

EROSION AND SEDIMENT CONTROL NOTES

- 2. EROSION AND SEDIMENT CONTROL DRAWINGS AND NOTES 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.
- 3. 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. MINIMIZE 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 WATERCOURSES.
- 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 APPROVED CONSTRUCTION ENTRY/EXIT ROUTE.
- 10. ALL VEHICLES LEAVING THE SITE SHALL BE CLEANED AND INSPECTED BEFORE LEAVING.
- 11. MAINTAIN ALL STORMWATER PIPES AND PITS CLEAR OF DEBRIS AND SEDIMENT. INSPECT STORMWATER SYSTEM AND CLEAN OUT AFTER EACH
- 12. CLEAN OUT ALL EROSION AND SEDIMENT CONTROL DEVICES AFTER EACH
- 13. ALL DISTURBED AREAS SHALL BE REVEGETATED AS SOON AS THE RELEVANT WORKS HAVE BEEN COMPLETED.

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## SEQUENCE OF WORKS

- 1. PRIOR TO COMMENCEMENT OF EXCAVATION THE FOLLOWING SOIL MANAGEMENT DEVICES MUST BE INSTALLED.
- 1.1. CONSTRUCT SILT CONTROL DEVICES BELOW THE SITE AND ACROSS ALL POTENTIAL RUNOFF SITES.
- 1.2. CO-ORDINATE CONSTRUCTION ENTRY/EXIT ROUTES WITH PROJECT MANAGER. ARRANGE SUITABLE LOCATION FOR THE INSPECTION OF TRUCKS PRIOR TO

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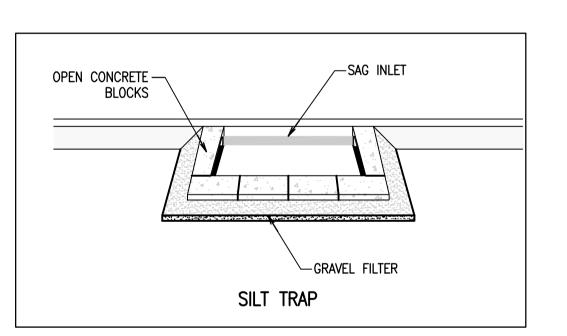
- LEAVING SITE AND DIVERT RUNOFF TO SUITABLE CONTROL SYSTEM. 1.3. CONSTRUCT MEASURES TO DIVERT UPSTREAM FLOWS INTO EXISTING
- STORMWATER SYSTEM.
- 1.4. PROVIDE SANDBAG SEDIMENT TRAPS UPSTREAM OF EXISTING PITS. 1.5. LOCATE A 1.8 METRE CHAIN WIRE FENCE AROUND THE BOUNDARIES AND ATTACH HESSIAN CLOTH TO IT ON THE WINDWARD SIDE (TIES AT THE TOP CENTER AND BOTTOM AND AT 1 METRE INTERVALS.
- 2. DISTURBED AREAS ARE REGULARLY WATERED TO REDUCE DUST POLLUTION. 3. CONSTRUCT GEOTEXTILE FILTER PIT SURROUND AROUND ALL PROPOSED PITS
- AS THEY ARE CONSTRUCTED. 4. ON COMPLETION OF PAVEMENT PROVIDE SAND BAG KERB INLET SEDIMENT
- TRAPS AROUND PITS. 5. PROVIDE AND MAINTAIN A STRIP OF TURF ON BOTH SIDES OF ALL ROADS AFTER THE CONSTRUCTION OF KERBS.

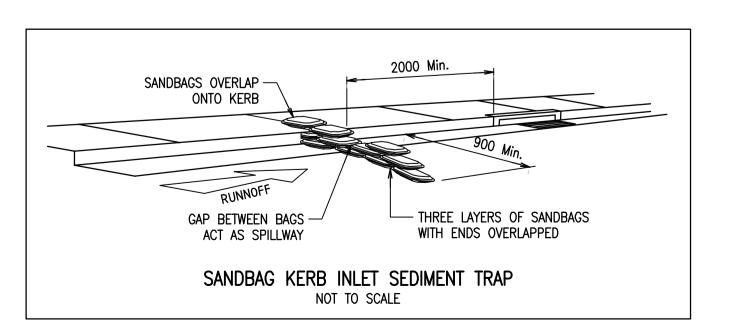
## GRASS SEED SPECIES

WHERE THE AREAS ARE TO BE REVEGETATED PERMANENTLY, THE FOLLOWING GRASS SEED SPECIES SHOULD BE SHOWN AT THE RATES INDICATED:

AUTUM/WINTER RYE, CORN OR OATS WIMMERA RYEGRASS WHITE CLOVER RED CLOVER SPRING/SUMMER JAPANESE MILLET WIMMERA RYEGRASS RED CLOVER WHITE CLOVER COUCH

IF THE AREAS ARE SHOWN IN THE AUTUMN/WINTER PERIOD, IT MAY BE NECESSARY TO OVERSOW IN THE SPRING/SUMMER PERIOD WITH A MIXTURE CONTAINING PERENNIAL GRASS (eg. COUCH). AN APPROPRIATE FERTILISER SHALL BE EVENLY APPLIED AT SOWING AT A RATE OF 250kg/ha HAVING AN ANALYSIS OF 10:3.9:6.2 NITROGEN, PHOSPHORIC ACID, POTASH COMPOUND. CONTRACTOR SHALL MAINTAIN GRASS COVER UNTIL ALL WORKS HAVE BEEN COMPLETED INCLUDING THE MAINTENANCE PERIOD, BY FREQUENT WATERING & MOVING WHERE REQUIRED.





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REFER COVER SHEET FOR NOTES UNLESS NOTED OTHERWISE

FOR APPROVAL

CFB CFB 14.10.0° TQD CFB 25.05.0

ISSUED FOR COORDINATION ev. Revision Description Structural & Civil **Engineering Consultant** 



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CARDINAL FREEMAN VILLAGE MASTERPLAN

EROSION AND SEDIMENT CONTROL DETAILS

Job Number <b>09162</b>	Drawing Number C0-1-02		Revision 5	
Scale @ A1 AS SHOWN	Drawn C.WAITE	Approv	Approved	
Date 29.07.09	Design C.BARTOLOME	Checke	ed	

