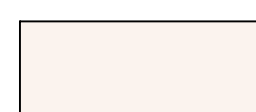
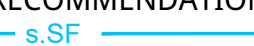
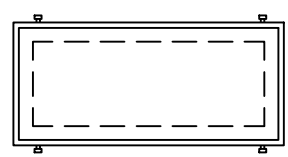



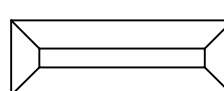


**EROSION AND SEDIMENT CONTROL PLAN**  
 SCALE - 1:100/A1, 1:200/A3  
 0 2m 4m 6m 8m 10m

**EROSION & SEDIMENT CONTROL LEGEND**

|   |   |   |   |
|---|---|---|---|
| <p><b>1</b> PROPOSED SOIL DISRUPTED AREA<br/>SIGNIFIED AS:</p>   | <p><b>3</b> SEDIMENT FENCE TO BE IN INSTALLED IN ACCORDANCE WITH PAGE ES2 DETAIL SD 6-8 OR SD6-9 WHEN ROCK IS PRESENT. WHERE TREE ZONES ARE PRESENT SEDIMENT FENCE MEASURES TO ARBORIST RECOMMENDATIONS SIGNIFIED AS: </p> | <p><b>5</b> WASTE/SKIP STORAGE AREA, PROVIDE CONTAINER BINS THAT CAN CARRY SOLID AND LIQUID WASTE SIGNIFIED AS:</p>                            | <p><b>7</b> TO PROTECT DRAINAGE PITS, PROVIDE GEO-TEXTILE INLET FILTER IN ACCORDANCE WITH PAGE ES2 DETAIL SD6-12. SIGNIFIED AS:</p>  |
| <p><b>2</b> UNTIL APPROPRIATE COMPLETION OF CONSTRUCTION WORK, THE EXISTING DRIVEWAY SLAB AND VEHICLE CROSSOVER IS TO BE PRESERVED AND USED AS THE ENTRANCE SIGNIFIED AS:</p>  | <p><b>4</b> MAKE USE OF EXISTING SITE BOUNDARY FENCE, IF APPROPRIATE, ELSE INSTALL SITE BARRIER MESH FENCING SIGNIFIED AS:</p>   | <p><b>6</b> STOCKPILE IN ACCORDANCE WITH PAGE ES2 DETAIL SD 4-1, DURING CONSTRUCTION LOCATION OF STOCKPILE MAY BE RELOCATED SIGNIFIED AS:</p>  |   |



# EROSION AND SEDIMENT CONTROL NOTES

## GENERAL NOTES

- THIS EROSION AND SEDIMENT PLAN IS TO BE READ IN CONJUNCTION WITH OTHER RELEVANT ENGINEERING PLANS SPECIFIC TO THIS DEVELOPMENT.
- CONTRACTORS WILL ENSURE THAT ALL EROSION AND SEDIMENT WORKS ARE UNDERTAKEN AS INSTRUCTED IN THIS DRAWING SERIES AND CONSTRUCTED AS PER THE GUIDELINES OF LANDCOM'S "MANAGING URBAN STORMWATER: SOILS AND CONSTRUCTION", DEPT OF HOUSING, 2004 (BLUE BOOK).
- TO REDUCE THE LIKELIHOOD FOR SOIL EROSION AND SEDIMENT POLLUTION TO DOWNHILL AREAS, ALL SUBCONTRACTORS WILL BE INFORMED OF THEIR EROSION AND SEDIMENT CONTROL RESPONSIBILITIES.

## EROSION AND SEDIMENT CONTROL INSTRUCTIONS

- WORKS ARE TO UNDERTAKEN IN THE FOLLOWING ORDER AS PER THE BLUE BOOK SPECIFICATIONS:
  - SITE WORKS WILL NOT COMMENCE UNTIL THE EROSION AND SEDIMENT CONTROL WORKS OUTLINED IN CLAUSES 4.2 TO 6, BELOW, ARE INSTALLED AND FUNCTIONAL.
  - THE INGRESS TO AND EGRESS FROM THE SITE WILL BE CONFINED TO ONE STABILISED POINT. SEDIMENT OR BARRIER FENCING WILL BE USED TO RESTRICT ALL VEHICULAR MOVEMENTS TO THAT STABILISATION WILL BE ACHIEVED BY EITHER:
    - CONSTRUCTING A SEALED (E.G. CONCRETE OR ASPHALT) DRIVEWAY TO THE STREET
    - CONSTRUCTING A STABILISED SITE ACCESS, ACCORDING TO STANDARD DRAWING WITHIN THIS DRAWING SERIES
    - OR OTHER SUITABLE TECHNIQUE APPROVED BY THE COUNCIL.
  - SEDIMENT AND BARRIER FENCES WILL BE INSTALLED AS SHOWN WITHIN THIS DRAWING SERIES.
  - MESH AND GRAVEL "SAUSAGE" PROTECTION WILL BE PROVIDED TO PROTECT GUTTER INLETS NEAR THE ALLOTMENT.
  - TOPSOIL WILL BE STRIPPED AND STOCKPILED FOR LATER USE IN LANDSCAPING THE SITE.
  - ALL STOCKPILES WILL BE PLACED IN THE LOCATION SHOWN ON THE ESCP AND AT LEAST 2 METRES CLEAR OF ALL AREAS OF POSSIBLE AREAS OF CONCENTRATED WATER FLOW, INCLUDING DRIVEWAYS.
  - LANDS TO THE REAR AND SIDES OF THE ALLOTMENT AND ON THE FOOTPATH WILL NOT BE DISTURBED DURING WORKS EXCEPT WHERE ESSENTIAL, E.G. DRAINAGE WORKS ACROSS THE FOOTPATH. WHERE WORKS ARE NECESSARY, THEY WILL BE UNDERTAKEN IN SUCH A WAY TO LEAVE THE LANDS IN A CONDITION OF HIGH EROSION HAZARDS FOR AS SHORT A PERIOD AS PRACTICABLE. THEY WILL BE REHABILITATED AS SOON AS POSSIBLE. STOCKPILES WILL NOT BE PLACED ON THESE LANDS AND THEY WILL NOT BE USED AS VEHICLE PARKING AREAS.
  - APPROVED BINS FOR BUILDING WASTE, CONCRETE AND MORTAR SLURRIES, PAINTS, ACID WASHINGS AND LITTER WILL BE PROVIDED AND ARRANGEMENTS MADE FOR REGULAR COLLECTION AND DISPOSAL.
  - GUTTERING WILL BE CONNECTED TO THE STORMWATER SYSTEM, (OR RAINWATER TANK, IF PRESENT) AS SOON AS PRACTICABLE. IF A RAINWATER TANK IS INSTALLED, THE TANK OVERFLOW SHOULD BE CONNECTED TO THE STORMWATER SYSTEM AS SOON AS PRACTICABLE.
  - WITHIN THIS DRAWING SERIES ARE STANDARD DRAWINGS OF THE REQUIRED SEDIMENT CONTROL MEASURES.

## SITE MAINTENANCE INSTRUCTIONS

- THE SITE FOREMAN/SUPERINTENDENT WILL EXAMINE THE SITE, AT A MINIMUM, WEEKLY AND AFTER EVERY STORM EVENT TO:
  - EMPTY BINS FOR CONCRETE AND MORTAR SLURRIES, PAINTS, ACID WASHINGS, LIGHTWEIGHT WASTE MATERIALS AND LITTER AT LEAST WEEKLY AND OTHERWISE AS NECESSARY. DISPOSE OF ANY WASTE IN AN APPROVED MANNER.
  - ENSURE PROPER DRAINAGE OF THE SITE. TO THIS END:

- CLEAN ANY CATCH DRAINS, DIVERSION BANKS, TABLE DRAINS, BERM DRAINS AND DROP-DOWN STRUCTURES THAT HAVE BECOME BLOCKED THROUGH SEDIMENT POLLUTION.
- CHECK THAT DRAINS ARE OPERATING AS INTENDED, ESPECIALLY THAT:
  - NO LOW POINTS EXIST WHICH CAN OVERTOP IN A LARGE STORM EVENT
  - AREAS OF EROSION ARE REPAIRED
  - CONSTRUCT SMALL ADDITIONAL EARTH DIVERSIONS AT DISTANCES OF LESS THAN 80 METRES ACROSS THE WORKS TO KEEP SLOPE LENGTHS SHORT AND DISPOSE OF WATER WITHOUT CAUSING CHANNEL EROSION; AND
  - REGULARLY CLEAN OUT SEDIMENT TRAPPED BEHIND SEDIMENT FENCES AND OTHER TRAPS.
- ENSURE REMOVAL OF ANY SAND/SOIL/SPOIL MATERIALS PLACED CLOSER THAN 5 METRES FROM HAZARD AREAS, SUCH AS WATERWAYS, GUTTERS, PAVED AREAS AND DRIVEWAYS. PROVIDE PROTECTION TO RECEIVING WATERS FROM ANY SUCH MATERIALS PLACED MORE THAN 5 METRES FROM HAZARD AREAS BY IMPLEMENTING THE REQUIRED SOIL AND WATER MANAGEMENT PRACTICES.
- CHECK THAT REHABILITATED LANDS HAVE ESTABLISHED SUFFICIENT GROUND COVER TO REDUCE THE EROSION HAZARD EFFECTIVELY AND INITIATE REPAIR AS APPROPRIATE.
- CONTROL EXCESSIVE VEGETATIVE GROWTH.
- DO NOT DISPOSE OF CLEARED VEGETATION BY OPEN BURNING ON SITE.
- CONTROL EMISSION OF DUST FROM UNSEALED ROADS AND OTHER EXPOSED SURFACES, SUCH AS UNPROTECTED EARTH OR SOIL STOCKPILES
- KEEP ALL SEDIMENT DETENTION SYSTEMS IN GOOD, WORKING CONDITION. ENSURE:
  - RECENT WORKS HAVE NOT RESULTED IN THE DIVERSION OF SEDIMENT-LADEN WATER AWAY FROM THEM;
  - DEGRADABLE PRODUCTS (E.G. STRAW BALES) ARE REPLACED AS REQUIRED;
  - SEDIMENT IS REMOVED IF THE DESIGN CAPACITY OR LESS REMAINS IN THE SETTLING ZONE;
  - RETENTION BASINS ON TYPE C SOILS HAVE A MINIMUM SETTLING ZONE DEPTH OF AT LEAST 0.6 METRES OVER TWO-THIRDS OF THE SURFACE AREA WHEN SURCHARGING; WATER IN RETENTION BASINS ON TYPE D SOILS IS TREATED WITH A FLOCCULATING AGENT IF THE SOILS AT THE SEDIMENT SOURCE CONTAIN MORE THAN 10 PERCENT DISPERSIBLE MATERIALS. WHERE BASINS REQUIRE PUMPING OUT, THE NECESSARY DOSING SHOULD OCCUR WITHIN 24 HOURS OF THE CONCLUSION OF EACH STORM EVENT AND THE BASIN SHOULD BE DRAINED ONCE SUSPENDED SOLIDS LEVELS ARE LESS THAN 50 MILLIGRAMS PER LITRE, USUALLY 36 TO 48 HOURS LATER IF GYPSUM IS USED. LONGER OR SHORTER TREATMENT AND DEWATERING PERIODS MAY APPLY IF RAINFALL EVENTS OF DURATION OTHER THAN 5 DAYS HAS BEEN ADOPTED IN THE DESIGN OF THE BASIN; AND
  - POLLUTANTS, SEDIMENT AND/OR WASTE REMOVED FROM SEDIMENT BASINS, GROSS POLLUTANT TRAPS AND TRASH RACKS ARE DISPOSED IN STABILISED DUMPS WHERE SOIL AND WATER MEASURES HAVE BEEN IMPLEMENTED TO STOP OFFSITE MOVEMENT OF POLLUTANTS.
- TO DETERMINE THE EFFECTIVENESS OF ANY SEDIMENT RETENTION BASINS, THE CONSENT AUTHORITY MIGHT REQUIRE THE SITE MANAGER TO UNDERTAKE SAMPLING AND SUBSEQUENT ANALYSIS OF NON FILTERABLE RESIDUE (NFR) CONCENTRATIONS OF WASTE WATER. SUCH SAMPLING AND ANALYSIS IS LIKELY TO BE REQUIRED PERIODICALLY OR FOR A NOMINATED PERIOD, USUALLY THE FIRST THREE MONTHS AFTER COMMISSIONING THE BASINS. DISPOSE ANY POLLUTANTS REMOVED FROM SEDIMENT BASINS IN AREAS WHERE FURTHER POLLUTION TO DOWNSLOPE LANDS AND WATERWAYS SHOULD NOT OCCUR.
- 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 AND SEDIMENT CONTROL MEASURES UNTIL ALL EARTHWORK ACTIVITIES ARE COMPLETED AND THE SITE REHABILITATED.
- TEMPORARY SOIL CONSERVATION MEASURES ARE TO BE REMOVED AND SURFACES RESTORED TO THE FINAL LANDFORM AS THE LAST ACTIVITY IN THE WORKS PROGRAM.

- THEN, VEGETATIVE REHABILITATION OF THESE AREAS CAN BEGIN FOLLOWING THE REQUIREMENTS OF THE SITE REHABILITATION/LANDSCAPING PLAN. FIRST LIAISE WITH THE RELEVANT LOCAL GOVERNMENT BODY WHERE WORKS ARE LIKELY TO CONTINUE IN THE CATCHMENT AND ARE NOT ASSOCIATED DIRECTLY WITH THE DEVELOPMENT, INCLUDE SEDIMENT RETENTION BASINS. THIS IS TO DETERMINE WHETHER THE LOCAL CONSENT AUTHORITY IS PREPARED TO TAKE OVER CONTROL AND RESPONSIBILITY FOR ANY SUCH STRUCTURES. ONGOING MAINTENANCE OF SEDIMENT BASINS CAN BE DESIRABLE WHERE LATER WORKS IN THE CATCHMENT NOT ASSOCIATED WITH THIS DEVELOPMENT ARE LIKELY TO PRODUCE SEDIMENT. IF THE LOCAL CONSENT AUTHORITY DOES AGREE TO TAKE SUCH RESPONSIBILITY, THE DEVELOPER/SITE OPERATOR IS EXPECTED TO ENSURE THAT THEY ARE IN GOOD WORKING ORDER AND DESIGN CAPACITY IS AVAILABLE.
- THE SITE FOREMAN/SUPERINTENDENT WILL KEEP A LOGBOOK AND CHECK SHEET MAKING ENTRIES AT LEAST WEEKLY, IMMEDIATELY BEFORE SITE CLOSURE, AND IMMEDIATELY FOLLOWING RAINFALL EVENTS THAT CAUSE RUNOFF. ENTRIES WILL INCLUDE:
  - WALKING AROUND THE SITE SYSTEMATICALLY
  - RECORDING THE CONDITION OF EVERY BEST MANAGEMENT PRACTICE (BMP) EMPLOYED, RECORDING MAINTENANCE REQUIREMENTS (IF ANY) FOR EACH BMP
  - RECORDING THE VOLUMES OF SEDIMENT REMOVED FROM SEDIMENT RETENTION SYSTEMS, WHERE APPLICABLE
  - RECORDING THE SITE WHERE SEDIMENT IS DISPOSED
  - FORWARDING A SIGNED DUPLICATE OF THE COMPLETED CHECK SHEET TO THE PROJECT MANAGER/ DEVELOPER/ SITE OPERATOR FOR THEIR INFORMATION.
  - LOCATIONS WHERE VEHICLES ENTER AND LEAVE THE SITE
  - ALL INSTALLED EROSION AND SEDIMENT CONTROL MEASURES, ENSURING THEY ARE OPERATING CORRECTLY
  - AREAS THAT MIGHT SHOW WHETHER SEDIMENT OR OTHER POLLUTANTS ARE LEAVING THE SITE OR HAVE THE POTENTIAL TO DO SO
  - ALL DISCHARGE POINTS, TO ASSESS WHETHER THE EROSION AND SEDIMENT CONTROL MEASURES ARE EFFECTIVE IN PREVENTING IMPACTS TO THE RECEIVING WATERS.

## WASTE CONTROL INSTRUCTIONS

- ACCEPTABLE BINS WILL BE PROVIDED FOR ANY CONCRETE AND MORTAR SLURRIES, PAINTS, ACID WASHING, LIGHTWEIGHT WASTE MATERIALS AND LITTER. CLEARANCE SERVICES WILL BE PROVIDED AT LEAST WEEKLY. DISPOSAL OF WASTE WILL BE IN A MANNER APPROVED BY THE SITE SUPERINTENDENT.
- ALL POSSIBLE POLLUTANT MATERIALS ARE TO BE STORED WELL CLEAR OF ANY POORLY DRAINED AREAS, FLOOD PRONE AREAS, STREAMBANKS, CHANNELS AND STORMWATER DRAINAGE AREAS. STORE SUCH MATERIALS IN A DESIGNATED AREA UNDER COVER WHERE POSSIBLE AND WITHIN CONTAINMENT BUNDS.
- ALL SITE STAFF AND SUB-CONTRACTORS ARE TO BE INFORMED OF THEIR OBLIGATION TO USE WASTE CONTROL FACILITIES PROVIDED.
- ANY DE-WATERING ACTIVITIES ARE TO BE CLOSELY MONITORED TO ENSURE THAT WATER IS NOT POLLUTED BY SEDIMENT, TOXIC MATERIALS OR PETROLEUM PRODUCTS.
- PROVIDE DESIGNATED VEHICULAR WASHDOWN AND MAINTENANCE AREAS WHICH ARE TO HAVE CONTAINMENT BUNDS.

## SEDIMENT CONTROL INSTRUCTIONS

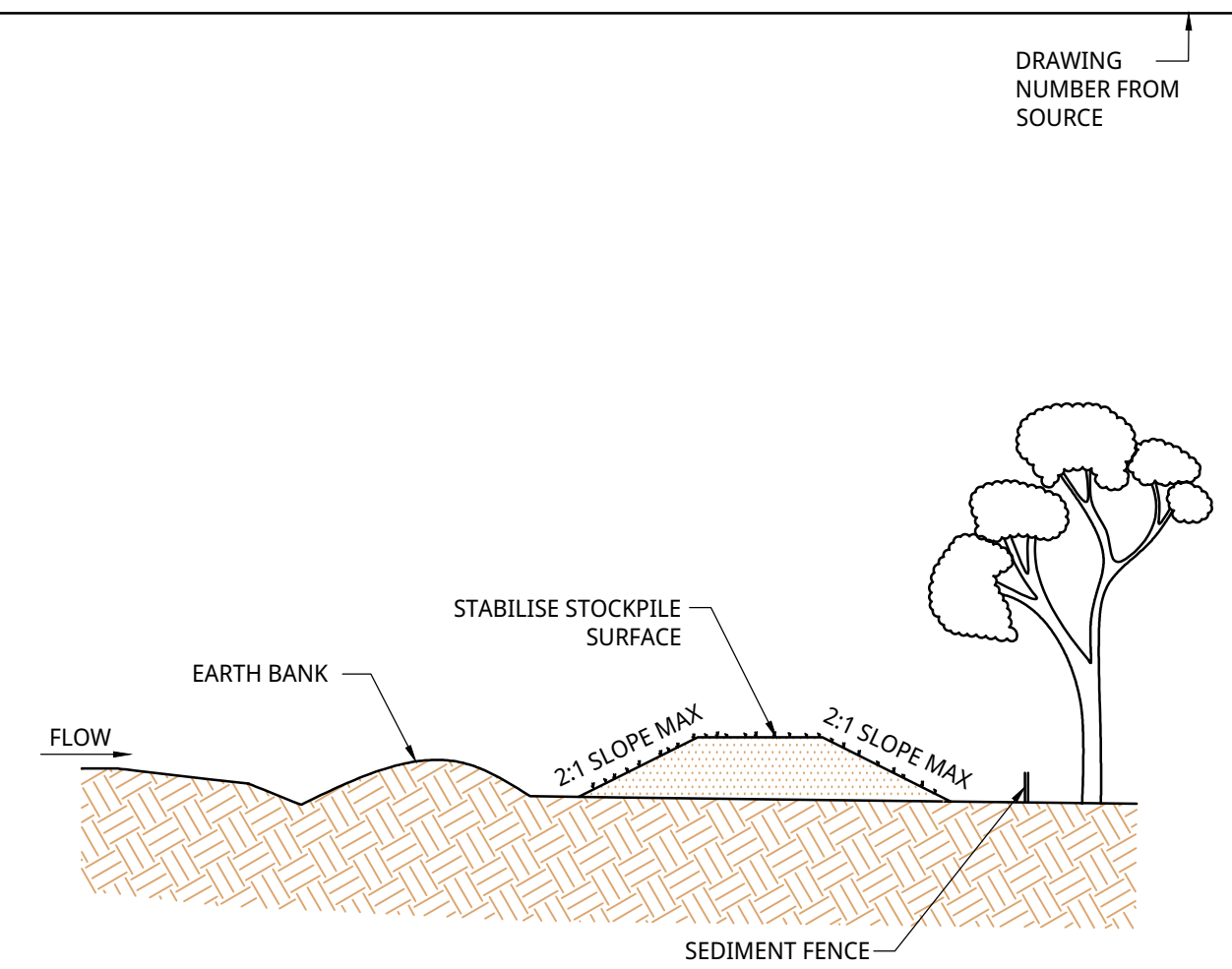
- SEDIMENT FENCES WILL BE INSTALLED AS SHOWN ON THE PLAN AND ELSEWHERE AT THE DISCRETION OF THE SITE SUPERINTENDENT TO CONTAIN SOIL AS NEAR AS POSSIBLE TO THEIR SOURCE. SEDIMENT FENCES WILL NOT HAVE CATCHMENT AREAS EXCEEDING 900 SQUARE METRES AND HAVE A STORAGE DEPTH OF AT LEAST 0.6 METRES.
- SEDIMENT REMOVED FROM ANY TRAPPING DEVICES WILL BE RELOCATED WHERE FURTHER POLLUTION TO DOWNSLOPE LANDS AND WATERWAYS CANNOT OCCUR.

- STOCKPILES ARE NOT TO BE LOCATED WITHIN 5 METRES OF HAZARD AREAS INCLUDING AREAS OF HIGH VELOCITY FLOWS SUCH AS WATERWAYS, PAVED AREAS AND DRIVEWAYS.
- WATER WILL BE PREVENTED FROM DIRECTLY ENTERING THE PERMANENT DRAINAGE SYSTEM WITH INLET FILTERS UNLESS IT IS RELATIVELY SEDIMENT FREE, I.E. THE CATCHMENT AREA HAS BEEN PERMANENTLY LANDSCAPED AND/OR ANY LIKELY SEDIMENT HAS BEEN TREATED IN AN APPROVED DEVICE. THE ACTUAL LOCATIONS OF THE INLET FILTERS WILL BE CHOSEN BY THE SITE SUPERINTENDENT TO PROTECT THE RECEIVING WATERS BEST
- TEMPORARY SEDIMENT TRAPS WILL REMAIN IN PLACE UNTIL AFTER THE LANDS THEY ARE PROTECTING ARE COMPLETELY REHABILITATED.
- ACCESS TO SITES SHOULD BE STABILISED TO REDUCE THE LIKELIHOOD OF VEHICLES TRACKING SOIL MATERIALS ONTO PUBLIC ROADS AND ENSURE ALL-WEATHER ENTRY/EXIT.
- ACCEPTABLE BINS WILL BE PROVIDED FOR ANY CONCRETE AND MORTAR SLURRIES, PAINTS, ACID WASHING, LIGHTWEIGHT WASTE MATERIALS AND LITTER. CLEARANCE SERVICES WILL BE PROVIDED WEEKLY.

## SOIL EROSION CONTROL INSTRUCTIONS

- CLEARLY VISIBLE BARRIER FENCING WILL BE INSTALLED WHERE SHOWN ON THESE DRAWING AND ELSEWHERE AT THE DISCRETION OF THE SITE SUPERINTENDENT TO ENSURE TRAFFIC CONTROL AND PROHIBIT UNNECESSARY SITE DISTURBANCE.
- EARTH BATTERS WILL BE CONSTRUCTED WITH AS LOW A GRADIENT AS PRACTICABLE BUT NO STEEPER, UNLESS OTHERWISE NOTED, THAN:
  - 2(H):1(V) WHERE SLOPE LENGTH LESS THAN 12 METRES
  - 2.5(H):1(V) WHERE SLOPE LENGTH BETWEEN 12 AND 16 METRES.
  - 3(H):1(V) WHERE SLOPE LENGTH BETWEEN 16 AND 20 METRES.
  - 4(H):1(V) WHERE SLOPE LENGTH GREATER THAN 20 METRES.
- ALL WATERWAYS, DRAINS, SPILLWAYS AND THEIR OUTLETS WILL BE CONSTRUCTED TO BE STABLE IN AT LEAST THE 20 YEAR ARI, TIME OF CONCENTRATION STORM EVENT. WATERWAYS AND OTHER AREAS SUBJECT TO CONCENTRATED FLOWS POST CONSTRUCTION ARE TO HAVE A MAXIMUM GROUND COVER C-FACTOR OF 0.05 (70% GROUND COVER) WITHIN 10 WORKING DAYS FROM COMPLETION OF FORMATION. FLOW VELOCITIES ARE TO BE LIMITED TO THOSE SHOWN IN TABLE 5-1 OF "MANAGING URBAN STORMWATER - SOILS AND CONSTRUCTION", DEPT OF HOUSING 1998 (BLUE BOOK). FOOT AND VEHICULAR TRAFFIC WILL BE PROHIBITED IN THESE AREAS.
- STOCKPILES AND POST CONSTRUCTION AREAS ARE TO HAVE A MAXIMUM GROUND-COVER C-FACTOR OF 0.1 (60% GROUND-COVER) WITHIN 10 WORKING DAYS FROM COMPLETION OF FORMATION.
- ALL LANDS, INCLUDING WATERWAYS AND STOCKPILES, DURING CONSTRUCTION ARE TO HAVE A MAXIMUM GROUND-COVER C-FACTOR OF 0.15 (50% GROUND COVER) WITHIN 20 WORKING DAYS FROM INACTIVITY EVEN THOUGH WORKS MAY CONTINUE LATER.
- FOR AREAS OF SHEET FLOW USE THE FOLLOWING GROUND COVER PLANT SPECIES FOR TEMPORARY COVER: JAPANESE MILLET 20 KG/HA AND OATS 20 KG/HA.
- PERMANENT REHABILITATION OF LANDS AFTER CONSTRUCTION WILL ACHIEVE A GROUND-COVER C-FACTOR OF LESS THAN 0.1 AND LESS THAN 0.05 WITHIN 60 DAYS. NEWLY PLANTED LANDS WILL BE WATERED REGULARLY UNTIL AN EFFECTIVE COVER IS ESTABLISHED AND PLANTS ARE GROWING VIGOROUSLY. FOLLOW-UP SEED AND FERTILISER WILL BE APPLIED AS NECESSARY.
- REVEGETATION SHOULD BE AIMED AT RE-ESTABLISHING NATURAL SPECIES. NATURAL SURFACE SOILS SHOULD BE REPLACED AND NON-PERSISTANT ANNUAL COVER CROPS SHOULD BE USED.

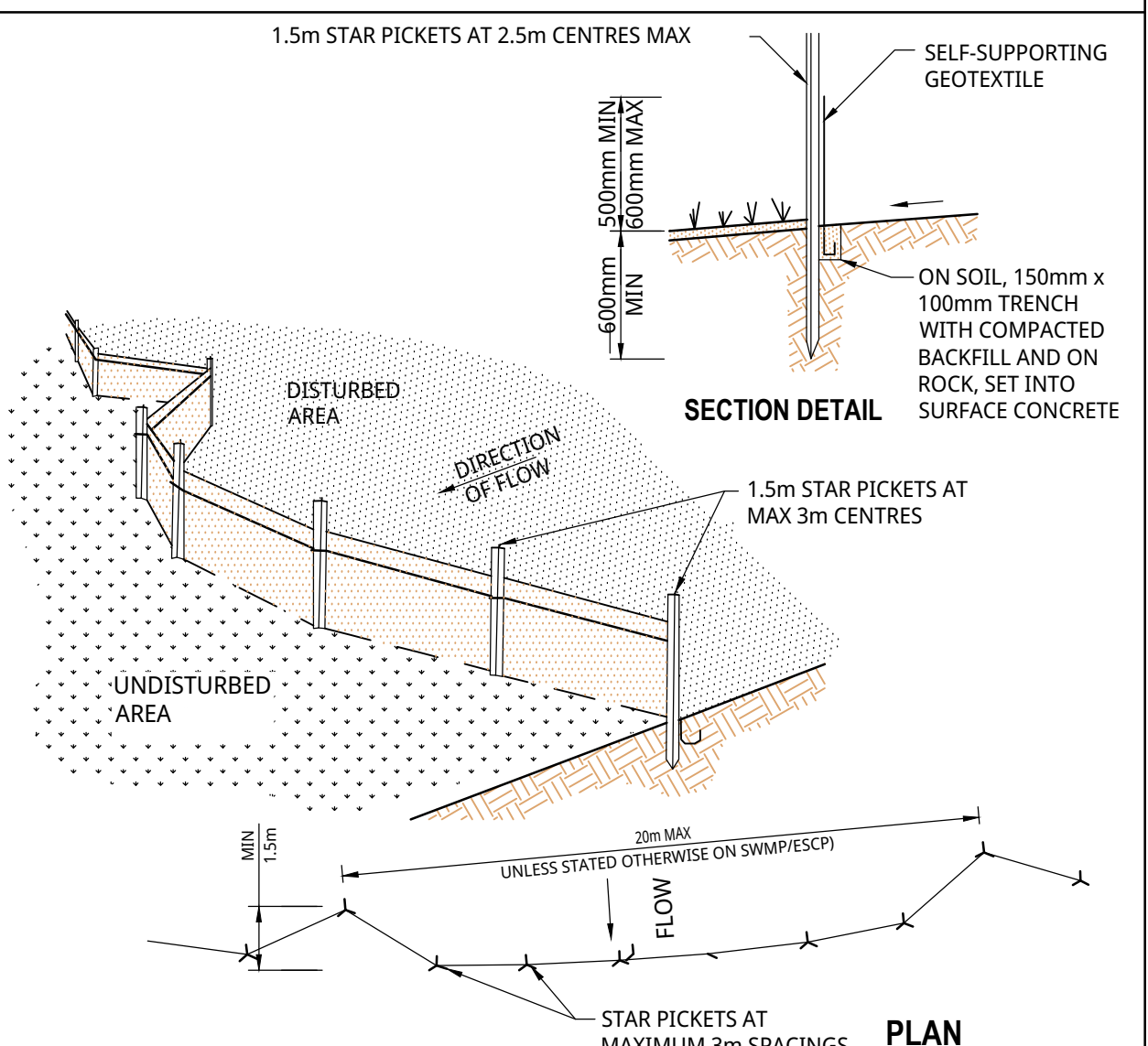
## STOCKPILES SD 4-1



- CONSTRUCTION NOTES:**
- LOCATE STOCKPILE AT LEAST 5 METRES FROM EXISTING VEGETATION, CONCENTRATED WATER FLOWS, ROADS AND HAZARD AREAS.
  - CONSTRUCT ON THE CONTOUR AS A LOW, FLAT, ELONGATED MOUND.
  - WHERE THERE IS SUFFICIENT AREA TOPSOIL STOCKPILES SHALL BE LESS THAN 2 METERS IN HEIGHT.
  - REHABILITATE IN ACCORDANCE WITH THE SWMP/ESCP.
  - CONSTRUCT EARTH BANK (STANDARD DRAWING 5-2) ON THE UPSLOPE SIDE TO DIVERT RUN OFF AROUND THE STOCKPILE AND A SEDIMENT FENCE (STANDARD DRAWING 6-7) 1 TO 2 METRES DOWNSLOPE OF STOCKPILE.

SOURCE: MANAGING URBAN STORMWATER SOILS AND CONSTRUCTION FOURTH EDITION, MARCH 2004 PRODUCED BY THE DEPARTMENT OF HOUSING

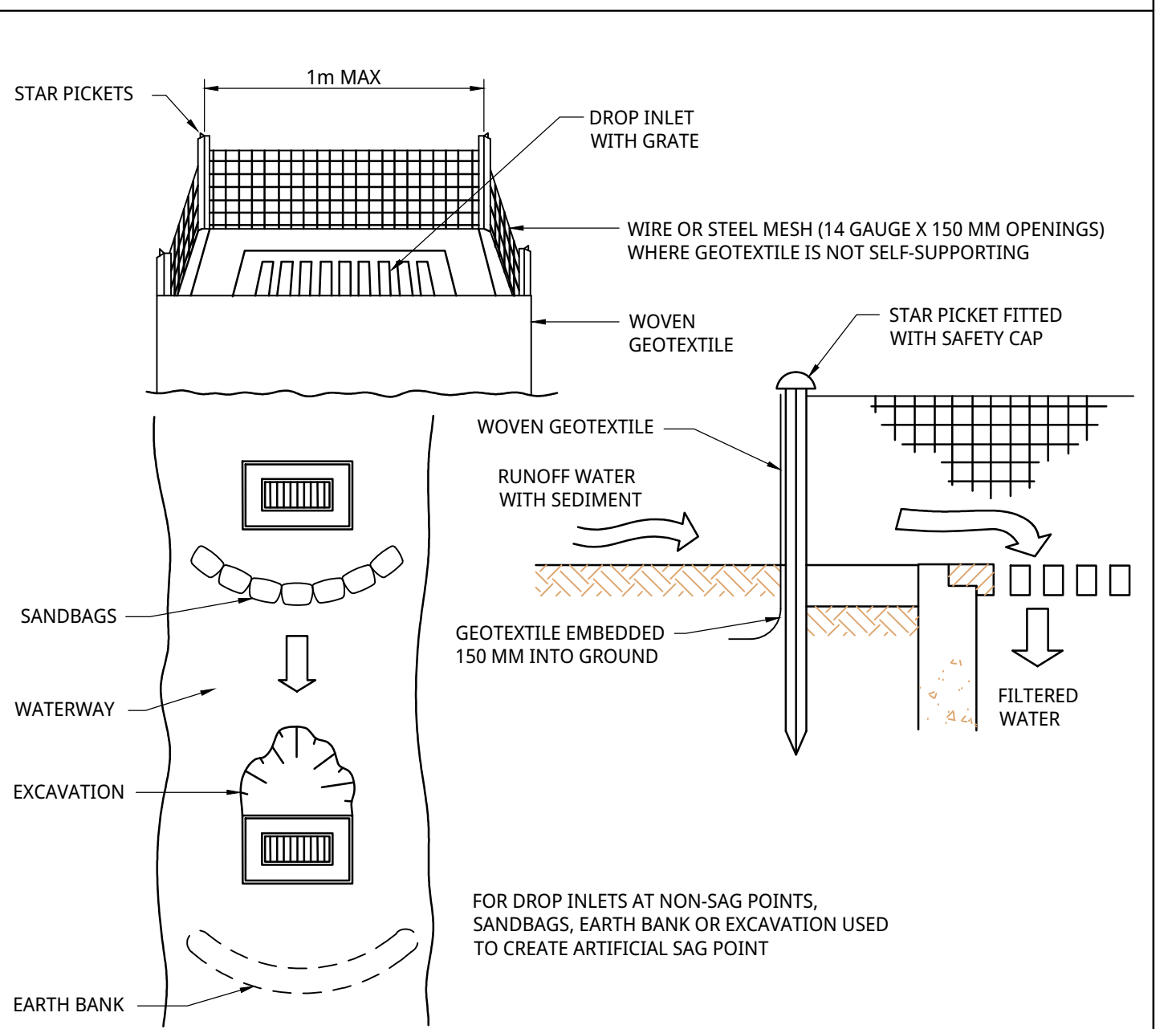
## SEDIMENT FENCE SD 6-8



- CONSTRUCTION NOTES**
- CONSTRUCT SEDIMENT FENCE AS CLOSE AS POSSIBLE TO PARALLEL TO THE CONTOURS OF THE SITE.
  - DIG A 150 MM DEEP TRENCH ALONG THE UPSLOPE LINE OF THE FENCE FOR THE BOTTOM OF THE FABRIC TO BE ENTRENCHED.
  - DRIVE 1.5 METRE LONG STAR PICKETS INTO GROUND, 2.5 METRES APART. PROVIDE SAFETY CAPS ARE FOR STAR PICKETS
  - JOIN SECTIONS OF FABRIC AT A SUPPORT POST WITH A 150 MM OVERLAP.
  - BACKFILL TRENCH OVER BASE OF FABRIC.
  - FIX SELF-SUPPORTING GEOTEXTILE TO UPSLOPE SIDE OF POSTS WITH WIRE TIES OR AS RECOMMENDED BY GEOTEXTILE MANUFACTURER.

SOURCE: MANAGING URBAN STORMWATER SOILS AND CONSTRUCTION FOURTH EDITION, MARCH 2004 PRODUCED BY THE DEPARTMENT OF HOUSING

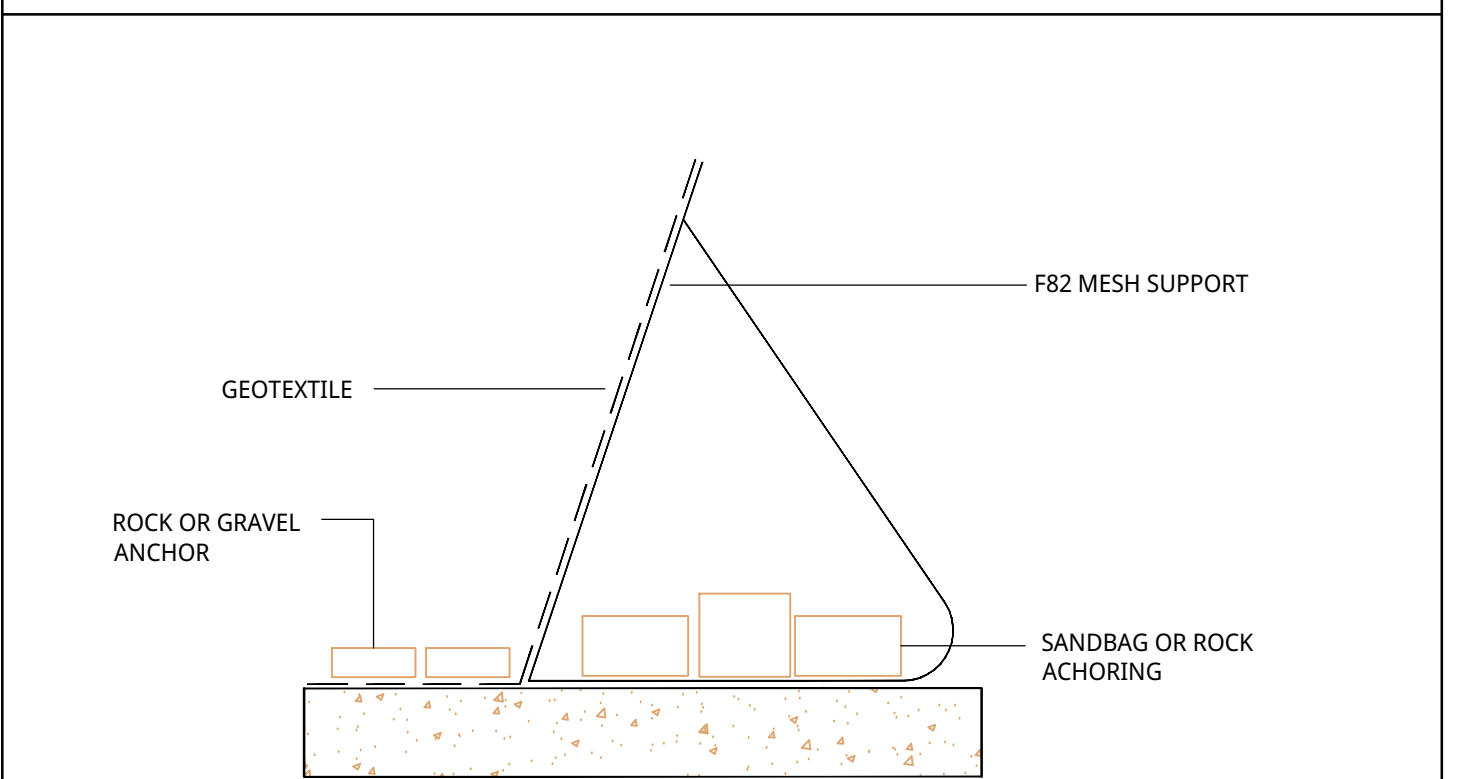
## GEOTEXTILE INLET FILTER SD 6-12



- CONSTRUCTION NOTES:**
- FABRICATE A SEDIMENT BARRIER FROM GEOTEXTILE OR STRAW BALES.
  - SUPPORT GEOTEXTILE WITH MESH TIED TO POSTS AT 1 METRE CENTRES.
  - DO NOT COVER INLET WITH GEOTEXTILE.
  - CONSTRUCTION DETAILS ARE SIMILAR TO TYPICAL SEDIMENT FENCING DETAIL.

SOURCE: MANAGING URBAN STORMWATER SOILS AND CONSTRUCTION FOURTH EDITION, MARCH 2004 PRODUCED BY THE DEPARTMENT OF HOUSING

## ALTERNATIVE SEDIMENT FENCE SD6-9



- CONSTRUCTION NOTES:**
- INSTALL THIS TYPE OF SEDIMENT FENCE WHEN USE OF SUPPORT POSTS IS NOT DESIRABLE OR NOT POSSIBLE. SUCH CONDITIONS MIGHT APPLY, FOR EXAMPLE, WHERE APPROVAL IS GRANTED FROM THE APPROPRIATE AUTHORITIES TO PLACE THESE FENCES IN HIGHLY SENSITIVE ESTUARINE AREAS.
  - USE BENT TRENCH MESH TO SUPPORT F82 WELDED MESH FACING AS SHOWN ON DRAWING ABOVE ATTACH THE GEOTEXTILE TO THE WELDED MESH FACING USING UV RESISTANCE CABLE TIES
  - STABILISE THE WHOLE STRUCTURE WITH SAND BAG OR ROCK ANCHORING OVER THE TRENCH MESH AND LEADING EDGE OF THE GEOTEXTILE. THE ANCHORING SHOULD BE SUFFICIENTLY LARGE TO ENSURE STABILITY OF THE STRUCTURED IN THE DESIGN STORMWATER EVENT, USUALLY THE 10 YEAR EVENT.

SOURCE: MANAGING URBAN STORMWATER SOILS AND CONSTRUCTION FOURTH EDITION, MARCH 2004 PRODUCED BY THE DEPARTMENT OF HOUSING

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