

CONSTRUCTION

1. REFER TO APPROVED PLANS FOR LOCATION, EXTENT, AND APPLICATION DETAILS. IF THERE ARE QUESTIONS OR PROBLEMS WITH THE LOCATION, EXTENT, OR METHOD OF APPLICATION CONTACT THE ENGINEER OR RESPONSIBLE ON-SITE OFFICER FOR ASSISTANCE.
2. PRIOR TO PLACEMENT OF THE AGGREGATE, DETERMINE THE EXPECTED VOID SPACING OF THE LOOSE AGGREGATE, IF NOT ALREADY SPECIFIED ON THE PLANS.
3. SPREAD ENOUGH AGGREGATE TO COMPLETELY COVER THE SURFACE OF THE SOIL AT THE DENSITY OR THICKNESS SPECIFIED IN THE APPROVED PLANS. IF THE APPLICATION DENSITY IS NOT SUPPLIED, THEN APPLY AT A THICKNESS OF AT LEAST 150mm.
4. ENSURE THE SOIL pH IS WITHIN THE SPECIFIED RANGE.
5. APPLY SUFFICIENT TOPSOIL TO COMPLETELY FILL, BUT NOT EXCEED, THE VOID SPACE WITHIN THE AGGREGATE. WHERE CONDITIONS ALLOW, THE SOIL AND AGGREGATE CAN BE PRE-MIXED BEFORE PLACEMENT.
6. USING A HAND OR MACHINE BROADCASTING METHOD, APPLY ONE-HALF THE SPECIFIED QUANTITY OF SEED WHILE MOVING BACK AND FORTH ACROSS THE AREA, MAKING A

UNIFORM PATTERN. THEN APPLY THE SECOND HALF IN THE SAME WAY, BUT MOVING AT RIGHT ANGLES TO THE FIRST PASS. COVER BROADCAST SEED BY RAKING OR CHAIN DRAGGING; THEN FIRM THE SURFACE WITH A ROLLER TO PROVIDE GOOD SEED CONTACT.

7. EVEN OUT (LEVEL) ANY DISTURBANCES IN THE AGGREGATE THAT HAVE OCCURRED DURING THE TOPSOIL AND SEEDING PROCESS SUCH THAT THE FINAL DESIGN LEVELS AND SURFACE PROFILE ARE ACHIEVED.

8. MULCH THE SEEDED AREA AS SPECIFIED IN THE APPROVED PLAN.

9. MAKE ALL NECESSARY ADJUSTMENTS TO ENSURE RUN-ON STORMWATER FLOW IS ALLOWED TO PASS FREELY ACROSS THE TREATED AREA FOLLOWING ITS NATURAL DRAINAGE PATH.

10. WHERE REQUIRED, ESTABLISH APPROPRIATE SEDIMENT CONTROLS UP-SLOPE OF THE TREATED AREA TO PREVENT SEDIMENT DEPOSITION ON THE SURFACE.

MAINTENANCE

1. INSPECT ALL TREATED SURFACES FORTNIGHTLY AND AFTER RUNOFF-PRODUCING RAINFALL.

2. CHECK FOR RILL EROSION, OR DISLODGMET OF THE AGGREGATE.

3. IF WASH-OUTS OCCUR, REPAIR THE SLOPE AND REINSTALL SURFACE COVER.

4. IF THE TREATMENT IS NOT EFFECTIVE IN CONTAINING THE SOIL EROSION IT SHOULD BE REPLACED, OR AN ALTERNATIVE EROSION CONTROL PROCEDURE ADOPTED.

MAINTENANCE OF GRASS

1. WATERING THE VEGETATION PERIODICALLY IS ESSENTIAL, ESPECIALLY IN THE FIRST 7 DAYS AFTER ESTABLISHMENT. USE LOW-PRESSURE SPRAYS BECAUSE HIGH-PRESSURE JETS CAN WASH AWAY THE SEED AND MULCH COVER.

2. WATERING SHOULD START IMMEDIATELY AFTER PLANTING. WATERING SHOULD COMPLY WITH SPECIFICATIONS PROVIDED WITH THE APPROVED PLANS. GENERALLY WATERING SHOULD VARY ACCORDING TO WEATHER AND SOIL CONDITIONS. A TYPICAL WATERING SCHEDULE MAY CONSIST OF THE FOLLOWING:

(i) 25mm EVERY SECOND DAY FOR THE FIRST THREE WATERINGS;

(ii) 25mm TWICE A WEEK FOR THE NEXT THREE WEEKS; AND

(iii) 25mm ONCE WEEKLY FOR A FURTHER TWO WEEKS.

3. MONITOR SITE REVEGETATION, PARTICULARLY AFTER RAINFALL, AND APPROPRIATE MAINTENANCE AND/OR AMENDMENT TO ENSURE THAT THE REVEGETATION IS CONTROLLING EROSION AND STABILISING SOIL SLOPES AS REQUIRED.

4. AREAS MUST BE RE-SEEDED AND MULCHED IF THE VEGETATION FAILS TO ESTABLISH OR IS DAMAGED BY RUNOFF OR CONSTRUCTION ACTIVITIES.

5. IF THE TEMPORARY VEGETATION COVER OR EROSION CONTROL MEASURE (e.g. MULCH COVER) SHOULD FAIL FOR ANY REASON BEFORE ESTABLISHMENT OF THE PERMANENT VEGETATION COVER, THEN IT MUST BE REPLACED WITH AN APPROPRIATE TYPE OF COVER SUFFICIENT TO CONTROL SOIL EROSION.

6. IF THE PERMANENT VEGETATION SHOULD FAIL TO ESTABLISH OR TO ADEQUATELY RESTRAIN EROSION FOR ANY REASON DURING THE CONSTRUCTION OR MAINTENANCE PERIOD, THE AREA SHOULD BE RESEEDED.

Drawn:

GMW

Date:

Dec-09

Structural Soils

SX-01