

1. ANY AND ALL WASTE MATERIALS (SOLID, HAZARDOUS, TOXIC, CONTAMINATED SOILS, ETC) GENERATED AT THE SITE SHALL BE PROPERLY DISPOSED OF IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL RULES AND REGULATIONS. ON-SITE STORAGE CONTAINERS SHALL BE COVERED AND NOT LEAKING. IT IS PROHIBITED TO BURN, BURY OR POUR OUT ON THE GROUND OR INTO THE SEWERS ANY SOLVENTS, PAINTS, GASOLINE, DIESEL FUEL, MOTOR OIL, HYDRAULIC FLUID, ANTIFREEZE, CURING COMPOUND, OR ANY OTHER TOXIC OR HAZARDOUS WASTES

3. ALL CLEAN HARD FILL MUST BE FREE FROM CONTAMINATION.
4. ALL CLEAN CONSTRUCTION WASTES TO BE DISPOSED OF ON THE PROPERTY MUST BE DONE SO IN ACCORDANCE WITH ALL LOCAL, STATE, AND FEDERAL RULES AND REGULATIONS.
5. ALL CONSTRUCTION AND DEMOLITION DEBRIS (C400) WASTE WILL BE DISPOSED OF IN AN OHIO EPA APPROVED C400 LANDFILL AS REQUIRED BY OHIO REVISED CODE (ORC) 3714. NOTE: CONSTRUCTION DEBRIS MAY BE DISPOSED OF ON SITE, BUT DEMOLITION DEBRIS MUST BE DISPOSED AT A C400 LANDFILL. CONSTRUCTION DEBRIS MAY ONLY BE CONTAMINATED MUST COMPLY WITH AIR POLLUTION REGULATIONS (SEE OHIO ADMINISTRATIVE CODE 3745-.20).
6. IF THE CONTRACTOR WILL UTILIZE AN ABOVE GROUND STORAGE TANK (AST) OF 660 GALLONS OR MORE, TOTAL ABOVE GROUND TANK STORAGE OF 1,330 GALLONS, OR BELOW GROUND STORAGE OF 42,000 GALLONS OF FUEL, HE SHALL SUBMIT A SPILL PREVENTION CORRECTIVE AND COUNTERMEASURES (SPCC) PLAN TO THE CITY FOR APPROVAL PRIOR TO CONSTRUCTION.
7. ALL CONTAMINATED SOILS MUST BE TREATED AND/OR DISPOSED IN OHIO EPA APPROVED SOLID WASTE MANAGEMENT FACILITIES OR HAZARDOUS WASTE TREATMENT, STORAGE, OR DISPOSAL FACILITIES (TSDF).
8. ALL AREAS OF CONTAMINATION SHALL BE COVERED WITH TAPPS OR OTHER METHODS THAT PREVENT STORM WATER FROM COMING IN CONTACT WITH THE MATERIAL.
9. PETROLEUM BASED CONCRETE CURING COMPOUNDS MUST HAVE SPECIAL HANDLING PROCEDURES.
10. IN THE EVENT OF A LARGER LEAK (25 OR MORE GALLONS) OF PETROLEUM WASTE, CONTRACTOR SHALL IMMEDIATELY CONTACT OHIO EPA (1-800-262-0378), THE LOCAL FIRE DEPARTMENT, AND THE LOCAL EMERGENCY PLANNING COMMITTEE (LEPC) WITHIN 30 MINUTES OF A SPILL OF 25 OR MORE GALLONS.
11. OPEN BURNING IN AN UNRESTRICTED AREA IS LIMITED TO SCRAP LUMBER, WOODEN FENCE POSTS, AND LAND CLEARING, OR LANDSCAPE WASTES. CONTRACTOR IS RESPONSIBLE FOR VERIFYING LOCAL ORDINANCES, CONTACTING FIRE DEPARTMENTS AND OBTAINING PERMITS FOR OPEN BURNING.
12. DUST SUPPRESSANTS SHALL NOT BE USED IN CASES OF EXCESSIVE DUST. OIL MAY NOT BE USED AS A DUST SUPPRESSANT. DUST SUPPRESSANT MUST NOT BE STORED NEAR CATCH BASINS OR OTHER DRAINAGE WAYS.
13. THE NPDES CONSTRUCTION STORM WATER GENERAL PERMIT ONLY AUTHORIZES THE DISCHARGE OF STORM WATER AND CERTAIN UNCONTAMINATED NON-STORM WATERS. THE DISCHARGE OF NON-STORM WATERS OR WASTEWATERS OF ANY KIND IS IN VIOLATION OF LOCAL, STATE, AND FEDERAL LAWS OR REGULATIONS. ALL PROCESS WASTEWATERS (EQUIPMENT WASHING, LEACHATE ADDED WITH ON-SITE WASTE DISPOSAL, AND CONCRETE WASTEWATERS) MUST BE COLLECTED AND PROPERLY DISPOSED.
14. WASH OUT OF CEMENT TRUCKS SHOULD OCCUR IN THE DESIGNATED AREA WHERE THE WASHING CAN COLLECT AND BE DISPOSED OF PROPERLY WHEN THEY HADEN.
15. FUEL STORAGE TANKS SHOULD BE LOCATED IN DIKED AREAS AWAY FROM DRAINAGE CHANNELS. THE DIKED AREAS SHOULD HOLD A VOLUME AT LEAST 110% OF THE LARGEST TANK. DIKED AREAS ARE NOT NECESSARY IF CONTRACTOR USES SELF-CONTAINED SPILL PROOF TANKS.

1. ALL EROSION AND SEDIMENT CONTROL PRACTICES MUST CONFORM TO THE SPECIFICATIONS OF RAINWATER AND LAND DEVELOPMENT OHIO STANDARDS FOR STORM WATER MANAGEMENT, LAND DEVELOPMENT, URBAN STREAM PROTECTION, CURRENT CD ITEM.

- CONSTRUCTION ACTIVITIES SHALL BE SCHEDULED SUCH THAT A MINIMUM AREA OF THE SITE IS DISTURBED AT A TIME. CONSTRUCTION OPERATION SHALL BE SCHEDULED AND PERFORMED SO THAT REPRESENTATIVE SOIL EROSION CONTROL MEASURES ARE IN PLACE PRIOR TO EXCAVATION IN CRITICAL AREAS. TEMPORARY STABILIZATION MEASURES ARE IN PLACE IMMEDIATELY FOLLOWING BACKFILLING OF EXCAVATIONS. EROSION CONTROL MEASURES SHALL BE MAINTAINED BY USING AND/OR MAINTAINING GRASSES, SEEDS, MULCH, TEMPORARY STABILIZATION STRUCTURES, OR WATER DIVERSIONS.
5. SPECIAL PRECAUTIONS WILL BE TAKEN IN THE USE OF CONSTRUCTION EQUIPMENT TO PREVENT SITUATIONS THAT PROMOTE EROSION.
6. CLEANUP WILL BE DONE IN A MANNER TO ENSURE THAT EROSION CONTROL MEASURES ARE NOT DISTURBED.
7. TEMPORARY SOIL STABILIZATION SHALL OCCUR WITHIN 7 DAYS AFTER ROUGH GRADING IF THE AREA WILL REMAIN IDLE LONGER THAN 14 DAYS. ANY DISTURBED AREA THAT IS NOT GOING TO BE WORKED ON IMMEDIATELY SHALL BE SEEDING, MULCHING AND MULCHED BY NOVEMBER 1 OR MUST HAVE A GRASS SEEDING OR MULCH COVER APPLIED BETWEEN OCTOBER 30 AND MARCH 1.
8. TRENCHES FOR UNDERGROUND UTILITY LINE AND PIPES SHALL BE TEMPORARILY STABILIZED WITHIN 14 DAYS IF THEY ARE NOT BEING INACTIVE FOR 14 DAYS. TRENCH BENTONITING DEVICES SHALL DISCHARGE MATERIAL THAT FILTERS SOIL LAYER WATER BEFORE DISCHARGING IT TO A RECEIVING DRAINAGE STRUCTURE OR POND. IF SEEDING, MULCHING OR OTHER EROSION AND SEDIMENT CONTROL MEASURES WERE USED TO STABILIZE TRENCHES, THEY SHALL BE MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD. WHEN A LENGTH OF MANUFACTURED LENGTH OF PIPE TO BE PLACED IN THE TRENCH WITH THE PIPE JOINTS AT THE END OF THE TRENCH, THE TRENCH SHALL BE STABILIZED WITHIN 14 DAYS. WHEN A LENGTH OF EXCAVATED TRENCH OPEN AT ANY TIME SHOULD NOT BE GREATER THAN THE TOTAL LENGTH OF PIPE/LENGTH OF CAN BE PLACED IN THE TRENCH AND BACK-FILLED IN ONE WORKING DAY. NO MORE THAN 50 LINEAL FEET OF OPEN TRENCH SHOULD EXIST WHEN PIPELINE/UTILITY LINE INSTALLATION CEASES AT THE END OF THE WORKING DAY.
9. SOIL STOCKPILES SHALL BE STABILIZED OR PROTECTED TO PREVENT SOIL LOSS.
10. ALL DISTURBED AREAS SHALL BE PERMANENTLY STABILIZED WITHIN 7 DAYS OF FINAL GRADING. THEREAFTER, SOIL EROSION CONTROL MEASURES SHALL BE MAINTAINED UNTIL PERMANENT STABILIZATION OF THE DISTURBED AREAS HAS OCCURRED. PERMANENT VEGETATION WILL BE REMOVED. PERMANENT VEGETATION IS A SURVEILLANCE COVER DENSE ENOUGH TO COVER BOX OF THE SOIL SURFACE AND VEGETATION ENOUGH TO SURVIVE WINTER WEATHER CONDITIONS.
11. SILT FENCE TO BE SET 2 MINIMUM FROM PROPERTY LINES IN AREAS WHERE WORK IS NEAR ADJACENT PROPERTIES.
12. ALL "HALL ROUTES" - THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CLEANUP OF ANY MUD, DIRT, OR DEBRIS DEPOSITED ON HALL ROADS AS A RESULT OF HIS OPERATIONS. SOIL SHALL BE REMOVED FROM ROADS AND PAVED SURFACES AT THE END OF EACH DAY IN SUCH A MANNER THAT DOES NOT DISTURB THE SURFACE. ALL MUD, DIRT, OR DEBRIS SHALL BE REMOVED FROM THE SURFACE OF ALL COLLECTED SEDIMENTS SHALL BE PLACED IN A STABLE LOCATION ON SITE OR TAKEN OFF-SITE TO A STABLE LOCATION. CONTRACTOR SHALL USE STATE ROUTES (AND SHORTEST DISTANCE NON-STATE ROUTES) TO TRANSPORT MATERIAL OFF-SITE.
13. FOR DISTURBED AREAS WITHIN 50 FEET OF A STREAM REMAINING DORMANT FOR OVER 14 DAYS, TEMPORARY EROSION CONTROLS SHALL BE APPLIED WITHIN 2 DAYS.
14. FOR DISTURBED AREAS WITHIN 50 FEET WALK OF A STREAM REMAINING DORMANT FOR OVER 14 DAYS, TEMPORARY EROSION CONTROLS SHALL BE APPLIED WITHIN 7 DAYS.
15. FOR DISTURBED AREAS THAT WILL BE LEFT IDLE OVER WINTER, TEMPORARY EROSION CONTROLS SHALL BE APPLIED PRIOR TO ONSET OF WINTER.
16. FOR DISTURBED AREAS WITHIN 50 FEET OF A STREAM AT FINAL GRADE, PERMANENT EROSION CONTROLS SHALL BE APPLIED WITHIN 2 DAYS OF REACHING FINAL GRADE.
17. FOR DISTURBED AREAS REMAINING DORMANT FOR OVER 1 YEAR OR AT FINAL GRADE, PERMANENT EROSION CONTROLS SHALL BE APPLIED WITHIN 7 DAYS.

1. WEEKLY INSPECTIONS OF BMPs ARE REQUIRED AS WELL AS AN INSPECTION WITHIN 24 HOURS AFTER EVERY RAIN EVENT OF 0.5 INCHES WITHIN A 24 HOUR PERIOD.
2. IF THE SITE WILL BE DORMANT FOR A LONG PERIOD, IT'S STABILIZED, AND LESS FREQUENT INSPECTIONS ARE DESIRED, A WAIVER REQUEST SHALL BE SUBMITTED TO OEPA FOR A REDUCTION TO MONTHLY INSPECTIONS.

3. ONLY "QUALIFIED INSPECTION PERSONNEL" WILL PERFORM THE INSPECTIONS.
4. AN INSPECTION CHECKLIST WILL BE COMPLETED AND SIGNED BY THE INSPECTOR AFTER EVERY INSPECTION.
5. INSPECTION RECORDS WILL BE KEPT FOR 3 YEARS AFTER TERMINATION OF CONSTRUCTION ACTIVITIES.
6. FOR BMPs THAT REQUIRE REPAIR OR MAINTENANCE, NON-SEDIMENT POND BMPs SHALL BE REPAIRED WITHIN 3 DAYS OF INSPECTION AND SEDIMENT PONDS SHALL BE REPAIRED OR CLEANED OUT WITHIN 10 DAYS OF INSPECTION.
7. IN THE CASE THAT A BMP DOES NOT MEET THE INTENDED FUNCTION, A NEW BMP WILL BE INSTALLED WITHIN 10 DAYS OF THE INSPECTION.
8. IF ANY BMP REQUIRED FOR INSTALLATION BY THE SWP3 IS MISSING, THE MISSING BMPs SHALL BE INSTALLED WITHIN 10 DAYS OF THE INSPECTION.

For Construction

5091

STATE OF OHIO
DALE R. HAYWOOD
JAN 1 1960
ORIGINAL WATER

Dale Haywood

issue date
06.14.2019

project number
c18514

sheet name

SWPPP DETAILS

sheet number

00 00

C3.00

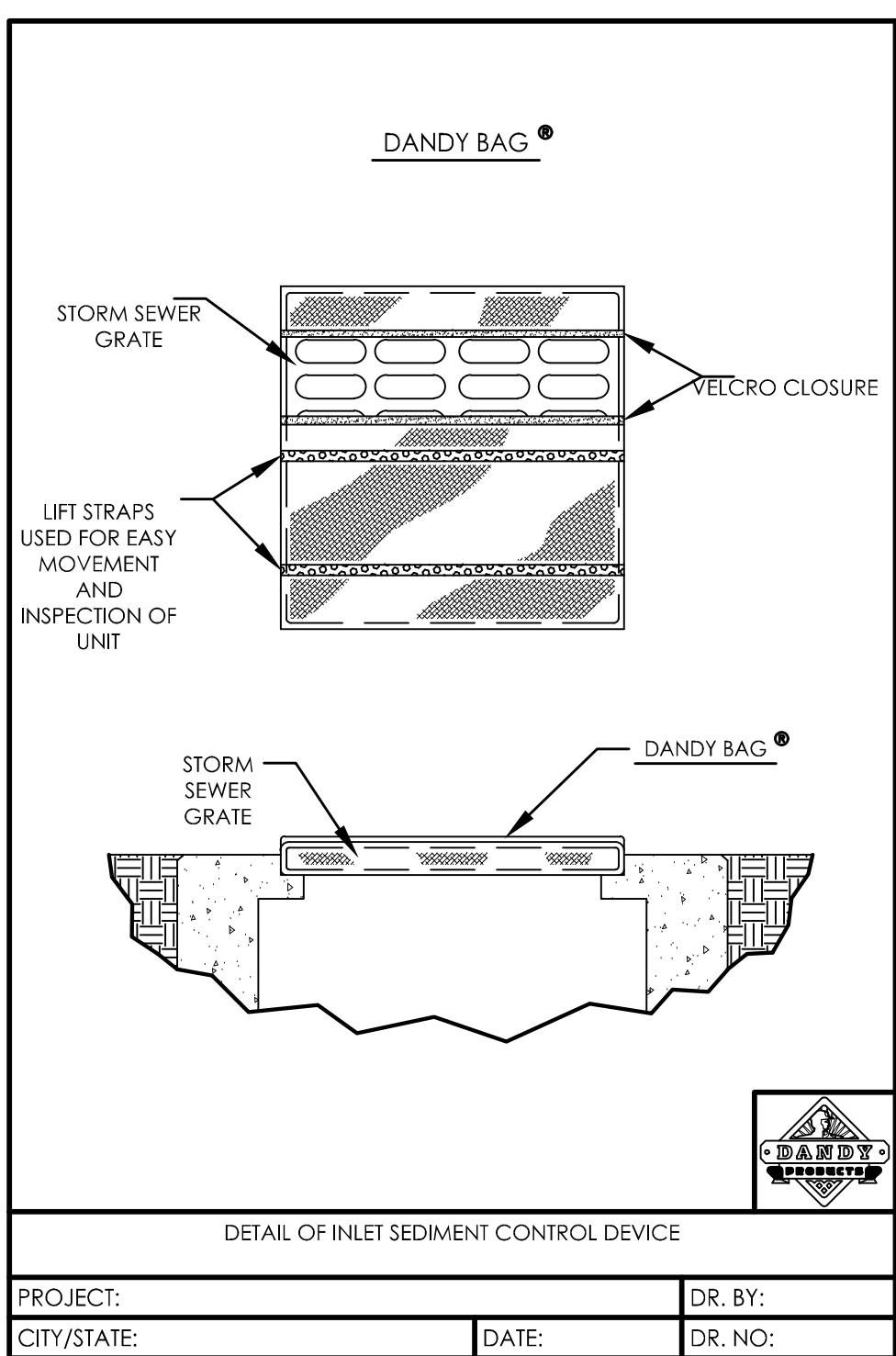
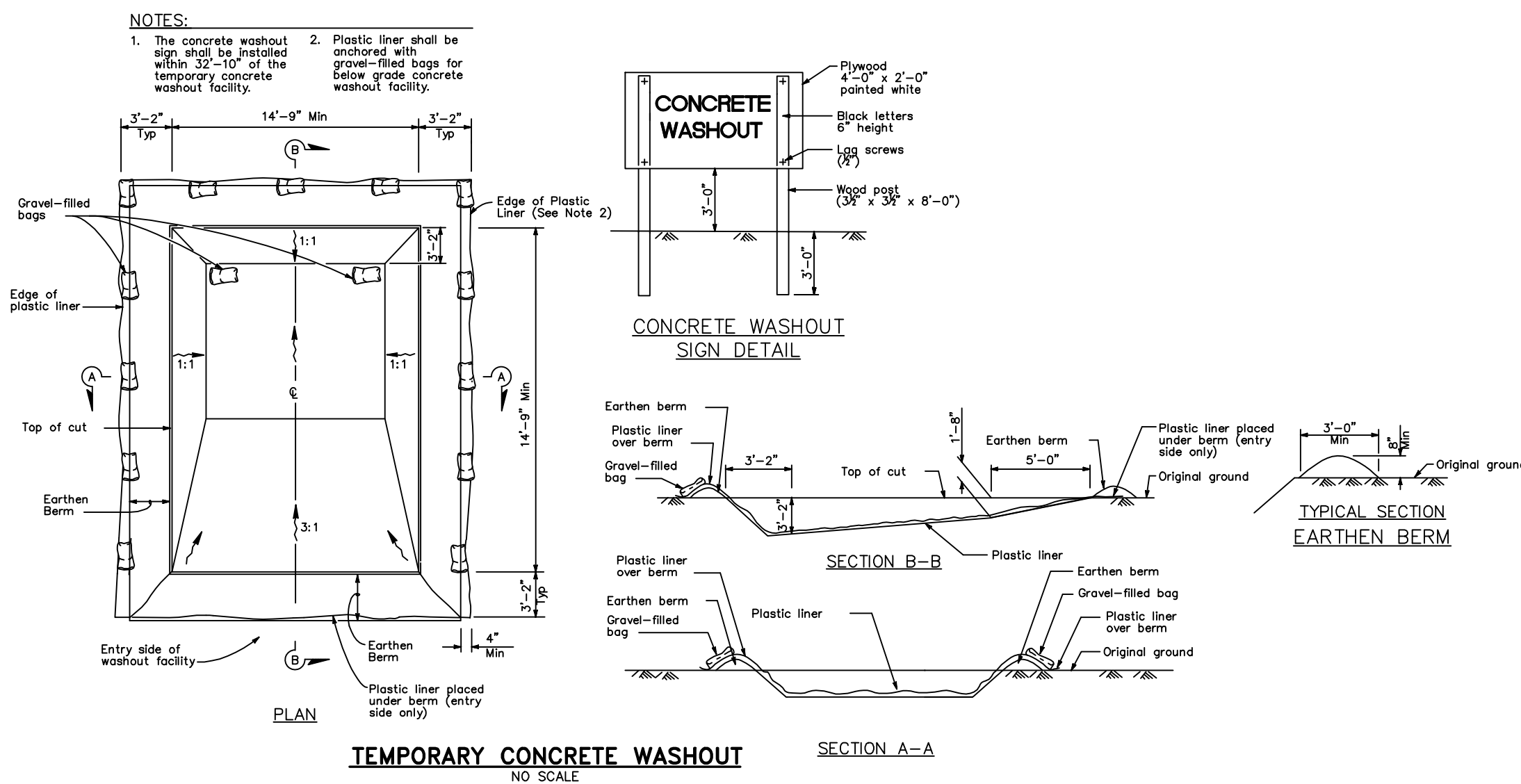
Dust Control

- 1 Vegetative Cover and Mulch**—Apply temporary or permanent seeding and mulch areas that will remain free for over 2 years. Saving existing trees and large shrubs will also reduce soil and air movement across disturbed areas. See Appendix A for more information on Seeding, Spraying, Tree and Large Area Protection practices.
- 2 Warning**—Spray only with water until the surface is wet; before and during grading and repair as needed, especially in hard routes and other heavy traffic zones. Warning shall be done at all times whenever dust will be raised and cause nuisance or danger. Working agencies will be advised according to manufacturers instructions.
- 3 Spray-on Adhesives**—Apply adhesives according to the following table or manufacturers' instructions.

	Water-based	Solvent-based
A Stone —Graded roadways and other suitable areas will be stabilized using crushed stone or coarse gravel as soon as practicable after reaching an initial grade. Coarse stone or coarse gravel can be used as a permanent cover for protection against erosion.		
B Barriers —Existing standing vegetation shall be marked and preserved. Snow fencing or other suitable barrier material may be placed perpendicular to prevailing air currents at intervals of about 10 times the barrier height to control air currents and blowing soil.		
C Calcium Chloride —This chemical may be applied by machine or hand. It must be applied in such a way as to make a crust that keeps the surface moist but not so high as to cause water pollution or plant damage. Application rates are given below.		

Adhesive	Water Dilution (Adhesive:Water)	Nozzle Type	Application Rate Gal./Ac.
Latex Emulsion	12.5:1	Fine	235
Resin in Water	4:1	Fine	300
Acrylic Emulsion (No-traffic)	7:1	Coarse	450
Acrylic Emulsion (Traffic)	3.5:1	Coarse	350

4. **Stone** – Graded roadways and other suitable areas will be stabilized using crushed stone or coarse gravel as soon as practicable after reaching an interim or final grade. Crushed stone or coarse gravel can be used as a permanent cover to provide control of soil emissions.
 5. **Barriers** – Existing windbreak vegetation should be marked and preserved. Snow fencing or other suitable barrier may be placed perpendicular to prevailing air currents at intervals of about 15 times the barrier height to control air currents and blowing soil.
 6. **Calcium Chloride** – This chemical may be applied by mechanical spreaders as loose, dry granules or flakes at a rate that keeps the surface moist but not so high as to cause water pollution or plant damage. Application rates should be strictly in accordance with suppliers' specified rates.
 7. **Operation and Maintenance** – When Temporary Dust Control measures are used, repetitive treatment should be applied as needed to accomplish control.
- Street Sweeping** – Paved areas that have accumulated sediment from construction should be cleaned daily, or as needed, utilizing a street sweeper or bucket-type eradicator or scraper.



DANDY BAG® SPECIFICATIONS				
NOTE: THE DANDY BAG® WILL BE MANUFACTURED IN THE U.S.A. FROM A WOVEN NONWOVEN FABRIC THAT MEETS OR EXCEEDS THE FOLLOWING SPECIFICATIONS:				
H-FLOW DANDY BAG® (SAFETY ORANGE)				
Mechanical Properties	Test method	Units	MARV	
Grab Tensile Strength	ASTM D 4852	IN (lbs)	1.62 (360)	0.89 (200)
Tensile Strength	ASTM D 4852	IN (lbs)	0.40 (90)	0.40 (90)
Puncture Strength	ASTM D 4852	IN (lbs)	0.40 (90)	0.40 (90)
Grab Burst Strength	ASTM D 4852	IN (lbs)	0.40 (90)	0.40 (90)
Propagated Tear Strength	ASTM D 4555	IN (lbs)	0.51 (115)	0.53 (120)
Zip Resistance	ASTM D 4555	IN (lbs)	0.51 (115)	0.53 (120)
Impact Tear Strength	ASTM D 4555	IN (lbs)	0.51 (115)	0.53 (120)
Seam Strength	ASTM D 4291	1/4IN (100) (lbs)	0.51 (115)	0.53 (120)
Seam Strength	ASTM D 4291	1/4IN (100) (lbs)	0.51 (115)	0.53 (120)
Permeability	ASTM D 4491	1/4IN (100) (lbs)	0.51 (115)	0.53 (120)
Permeability	ASTM D 4491	1/4IN (100) (lbs)	0.51 (115)	0.53 (120)

*Note: All Dandy Bags® can be ordered with our optional oil absorbent pillows