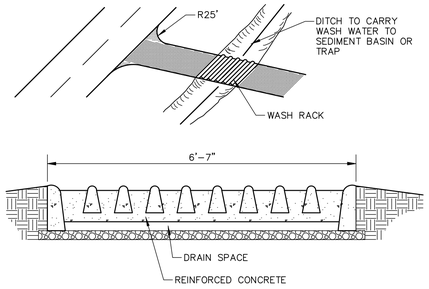
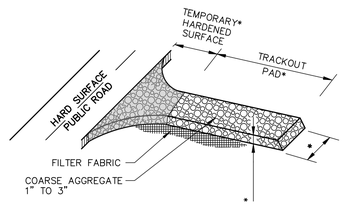


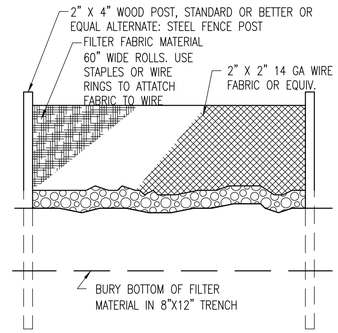
WASH RACK



*TEMPORARY HARDENED SURFACE AND TRUCKOUT PAD DIMENSIONS PER REGULATING AGENCY

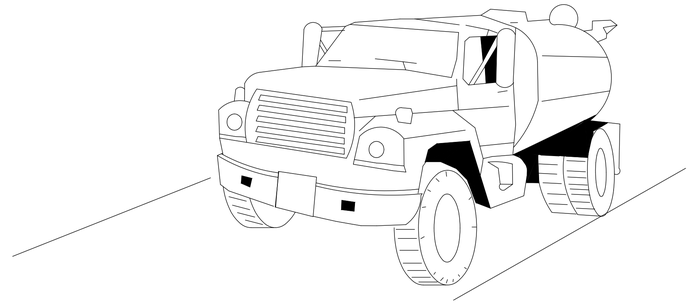
EC-5

CE | STABILIZED CONSTRUCTION ENTRANCE



SPC-5

SF | SILT FENCE



DEFINITION:
A COMPREHENSIVE PLAN TO LIMIT OFFSITE SEDIMENTATION BY CONTROLLING THE SITES POTENTIAL FOR PRODUCING AIR BORNE FUGITIVE DUST AND TRACK-OUT OF SEDIMENTS.
PURPOSE:
SEDIMENTS WHICH ARE TRANSPORTED FROM CONSTRUCTION SITES BY STORMWATER RUNOFF, WIND, EROSION AND VEHICLE TRACKOUT ARE OFTEN RE-DISPERSED TO THE AIR BY SUBSEQUENT VEHICULAR TRAFFIC AND HIGH WINDS. LIKEWISE, THESE SEDIMENTS MAY BE TRANSPORTED BY THE NEXT RAINFALL INTO PUBLIC STORM SEWER SYSTEM.
IMPLEMENTATION OF CONTROL MEASURES TO MINIMIZE THE GENERATION OF FUGITIVE DUST FROM CONSTRUCTION SITES WILL ALSO LIMIT QUANTITY OF SEDIMENTS IN STORMWATER.
APPROPRIATE APPLICATIONS:
PRIMARY SOURCES OF DUST FROM DEVELOPMENT AND CONSTRUCTION ACTIVITIES ARE:
- GRADING OPERATIONS (LAND CLEARING AND EARTHMOVING)
- DRILLING AND BLASTING
- BATCH DROP OPERATIONS (LOADER OPERATION)
- EXPOSED AREAS, CLEARED UNSTABILIZED AREA
- VEHICLE TRAFFIC ON UNPAVED SURFACES
- SEDIMENT TRACKING ON PAVED SURFACES
- BLASTING AND WRECKING ALL OPERATIONS
- SOIL AND DEBRIS STORAGE PILES

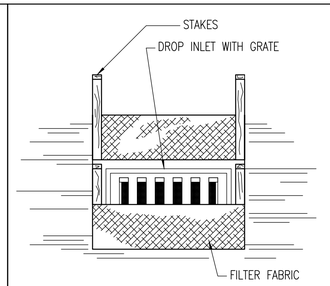
THE CONTRACTOR IS RESPONSIBLE FOR COMPLYING WITH THE REQUIREMENTS OF THE AIR POLLUTION CONTROL PERMIT REFER TO APPENDIX D FOR ADDITIONAL INFORMATION ON DUST CONTROL IN MARICOPA COUNTY. THE DIVISION OF AIR POLLUTION CONTROL'S APPROACH TO REDUCE AIR POLLUTION FROM CONSTRUCTION SITES WILL BE TO REQUIRE:
- PERMITS REQUIRE THE USE OF REASONABLE AVAILABLE DUST CONTROL MEASURES.
- ENFORCE VISIBLE OPACITY EMISSION LIMITS TO DETERMINE COMPLIANCE.
- REQUIRE DUST CONTROL PLANS FOR CONSTRUCTION OR LAND CLEARING PROJECTS.
- ENFORCEMENT ACTIVITIES WITH PRIORITY GIVEN TO CITIZEN COMPLAINTS.
- REQUIRE CONTRACTORS TO MAINTAIN RECORDS .

PLANNING CONSIDERATIONS:
MANY OF THE REASONABLY AVAILABLE CONTROL MEASURES FOR CONTROLLING FUGITIVE DUST FROM CONSTRUCTION SITES CAN ALSO BE IMPLEMENTED AS BEST MANAGEMENT PRACTICES FOR STORMWATER POLLUTION PREVENTION. THOSE BEST MANAGEMENT PRACTICES INCLUDE:
- PAVE, VEGETATE, OR CHEMICALLY STABILIZE ACCESS POINTS TO PAVED ROADS.
- PROVIDE COVERS FOR TRUCKS TRANSPORTING MATERIALS THAT CONTRIBUTE DUST.
- PROVIDE FOR WET SUPPRESSION OR CHEMICAL STABILIZATION OF EXPOSED SOILS.
- PROVIDE FOR RAPID CLEANUP OF SEDIMENTS DEPOSITED ON PAVED ROADS.
- FURNISH STABILIZED CONSTRUCTION ROAD ENTRANCES AND VEHICLE WASH DOWN AREAS.
- STABILIZE UNPAVED HAUL ROADS, PARKING AND STAGING AREAS.
- IMPLEMENT DUST CONTROL MEASURES FOR MATERIAL STOCKPILES.
- PREVENT DRAINAGE OF SEDIMENT-LADEN STORMWATER ONTO PAVED SURFACES.
- STABILIZE ABANDONED CONSTRUCTION SITES USING VEGETATION OR CHEMICAL STABILIZATION METHODS.
- LIMIT THE AMOUNT OF AREAS DISTURBED BY CLEARING AND EARTH MOVING OPERATIONS BY SCHEDULING THOSE ACTIVITIES IN PHASES.

MAINTENANCE REQUIREMENTS:
DUST CONTROL IS AN ONGOING PROCESS DURING SITE CONSTRUCTION. RE-APPLICATION OF DUST CONTROL MEASURE MAY BE NECESSARY UNTIL CONSTRUCTION IS COMPLETE.
SEE BMP-45 & BMP-46 FOR DUST CONTROL APPLICATIONS TABLE AND COMMONLY USED CHEMICAL DUST PALLIATIVES

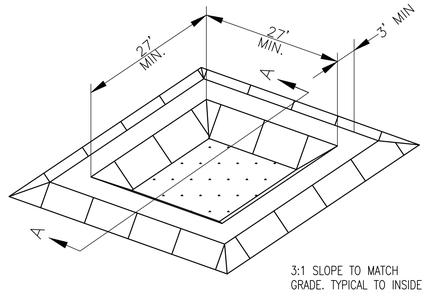
EC-7

DC | DUST CONTROL

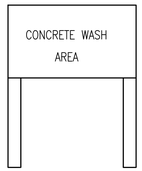


SPC-7

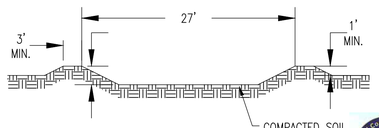
DROP INLET PROTECTION
PRE-PAVED



3:1 SLOPE TO MATCH GRADE. TYPICAL TO INSIDE AND OUTSIDE SLOPE.

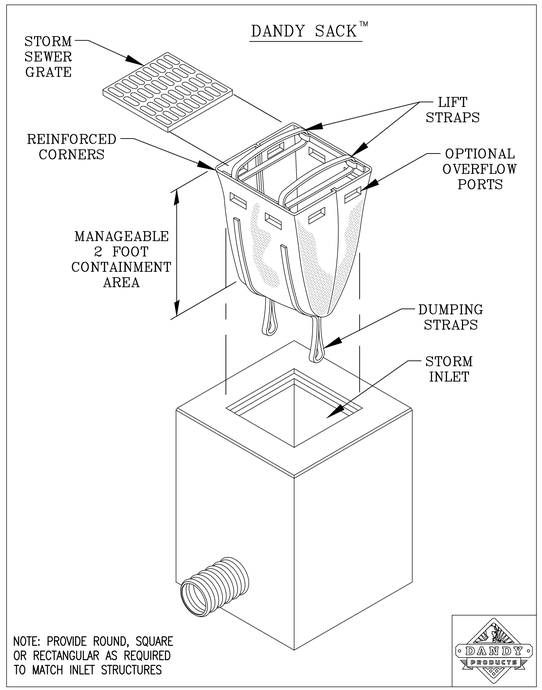


4'X6' SIGN TO DESIGNATE LOCATION OF CONCRETE WASH AREA.
BLACK LETTER ON WHITE BOARD.
LETTER SIZE APPROX. 3.5X6 INCHES.



GH-4

WO | CONCRETE WASH OUT



DANDY SACK™
SPECIFICATIONS

NOTE: THE DANDY SACK™ WILL BE **MANUFACTURED IN THE U.S.A.** FROM A WOVEN MONOFILAMENT FABRIC THAT MEETS OR EXCEEDS THE FOLLOWING SPECIFICATIONS:

REGULAR FLOW DANDY SACK™ (BLACK)

Mechanical Properties	Test Method	Units
Grab Tensile Strength	ASTM D 4632	kN (lbs)
Grab Tensile Elongation	ASTM D 4632	%
Puncture Strength	ASTM D 4833	kN (lbs)
Mullen Burst Strength	ASTM D 3786	kPa (psi)
Trapezoid Tear Strength	ASTM D 4533	kN (lbs)
UV Resistence	ASTM D 4355	%
Apparent Opening Size	ASTM D 4751	Mm (US Std Sieve)
Flow Rate	ASTM D 4491	1/min/m²(gal/min/ft)
Permittivity	ASTM D 4491	Sec⁻¹

HI-FLOW DANDY SACK™ (SAFETY ORANGE)

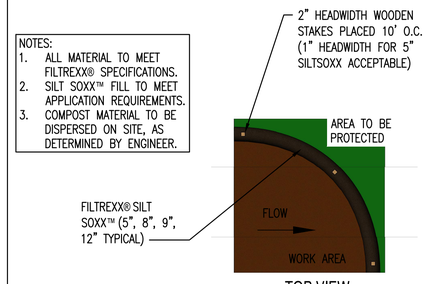
Mechanical Properties	Test Method	Units
Grab Tensile Strength	ASTM D 4632	kN (lbs)
Grab Tensile Elongation	ASTM D 4632	%
Puncture Strength	ASTM D 4833	kN (lbs)
Mullen Burst Strength	ASTM D 3786	kPa (psi)
Trapezoid Tear Strength	ASTM D 4533	kN (lbs)
UV Resistence	ASTM D 4355	%
Apparent Opening Size	ASTM D 4751	Mm (US Std Sieve)
Flow Rate	ASTM D 4491	1/min/m²(gal/min/ft)
Permittivity	ASTM D 4491	Sec⁻¹

*Note: All Dandy Sacks™ can be ordered with our optional oil absorbent pillows

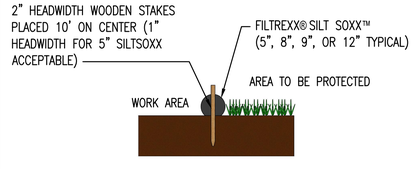
DIP | DANDY SACK
DROP INLET PROTECTION POST-PAVED

FILTREXX® SILT SOXX™

NOTES:
1. ALL MATERIAL TO MEET FILTREXX® SPECIFICATIONS.
2. SILT SOXX™ FILL TO MEET APPLICATION REQUIREMENTS.
3. COMPOST MATERIAL TO BE DISPERSED ON SITE, AS DETERMINED BY ENGINEER.

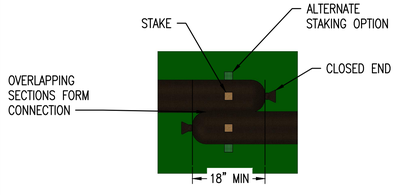


TOP VIEW



SECTION VIEW

COMPOST SOCK CONNECTION/ATTACHMENT DETAIL



SS | FILTREXX SILT SOCK

SEG SUSTAINABILITY ENGINEERING GROUP
8280 E. GELDING DRIVE SUITE 101, SCOTTSDALE, ARIZONA 85260
WWW.AZSEG.COM TEL. 480.588.7226 FAX. 480.259.3534

REGISTERED PROFESSIONAL ENGINEER
CERTIFICATE NO.
45621
ALI SAMIH FAKIH
Date Signed 10/25/22
ARIZONA, U.S.A.

Desert De Oro Foods INC

Contact Arizona 811 at least two full working days before you begin excavation
ARIZONA811
Call 811 or click Arizona811.com

PROJECT: WHATABURGER AVONDALE
LOCATION: NEC N. 107TH AVE AND W. MCDOWELL ROAD

DRAWN	DS	10/21/2022
DESIGNED	LR/DS	10/21/2022
QC	SC	10/21/2022
FINAL QC	LA	10/25/2022
PROJ. MGR.	AF	10/25/2022

DATE: 10/25/2022
ISSUED FOR: PERMITS

REVISION NO.:	DATE:
1	
2	
3	
4	

JOB NO.: 201015

SHEET TITLE: **STORM WATER POLLUTION AND PREVENTION PLAN DETAILS**

PAGE NO.: 18 OF 18
SHEET NO.: **C5.10**