GENERAL CONSTRUCTION SITE MANAGEMENT PLAN (CSMP) NOTES

STOCK PILES

1. STOCK PILES OF NATIVE SOILS AND/OR FILL MATERIALS SHALL NOT BE EXPOSED TO THE WEATHER WITHOUT PROVISIONS OF SECONDARY CONTAINMENT AND TREATMENT MEASURES AS OUTLINED BELOW.
2. SECONDARY CONTAINMENT SHALL CONSIST OF INSTALLED BIO BERM AND/OR CONTAINMENT DITCH AT TOE OF SLOPE AROUND STOCKPILE PERIMETER. BERM AND/OR DITCH SHALL BE OF SUFFICIENT SIZE TO CONTAIN STOCKPILED MATERIALS IN PLACE.
3. STOCK PILES ON SITE DURING WET WEATHER SEASON (OCTOBER 15 THROUGH APRIL 30) SHALL BE COVERED WITH 6 MIL (MIN. THICKNESS) POLYETHYLENE PLASTIC SHEETING. SHEETING SHALL BE INSTALLED AND MAINTAINED TIGHTLY IN PLACE USING APPROVED ANCHORING SYSTEM ON A 10' (MAX) GRID SPACING IN ALL DIRECTIONS. ALL SEAMS BETWEEN ADJACENT SHEETS SHALL BE LAPPED 12" (MIN) AND TAPED OR WEIGHTED DOWN FULL LENGTH OF SEAM. FOR SEAMS PARALLEL TO THE SLOPE CONTOUR, THE UPHILL SHEET SHALL OVERLAP THE DOWNHILL SHEET. NO RUNOFF SHALL BE ALLOWED TO RUN UNDER THE PLASTIC COVERING.
4. DEMOLITION AND/OR CONSTRUCTION DEBRIS, WASTE AND GARBAGE PILES OR CONSTRUCTION MATERIALS CONTAINING TOXIC CONTAMINANTS SHALL NOT BE PLACED WITHIN 25 FEET OF ANY NATURAL DRAINAGE FEATURE, STORM DRAIN INLET STRUCTURE OR DESIGNATED PROTECTED AREA.
5. LOCATION OF CONSTRUCTION MATERIAL STORAGE AREAS AND DEBRIS, WASTE AND GARBAGE PILE AREAS SHALL BE PROVIDED BY THE CONTRACTOR TO THE CITY AT THE TIME OF THE INITIAL ESC CONTROL INSPECTION.

STABILIZED CONSTRUCTION ENTRANCE

1. STABILIZED CONSTRUCTION ENTRANCE(S) SHALL BE ESTABLISHED AS SOON AS POSSIBLE AT THE BEGINNING OF CONSTRUCTION AND MAINTAINED FOR THE DURATION OF THE PROJECT IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT INTO PUBLIC RIGHT-OF-WAY. EXISTING PAVED ACCESS MAY BE USED AS CONSTRUCTION ENTRANCE AS NOTED ON SHEET C1.01.
2. ADDITIONAL ROCK SHALL BE ADDED PERIODICALLY, IF NECESSARY, TO MAINTAIN PROPER FUNCTION OF THE PAD.
3. INSTALL VEHICLE BARRIERS AT ANY SITE ENTRANCE NOT USED AS STABILIZED CONSTRUCTION ENTRANCE TO RESTRICT SITE ACCESS.
4. IF ESTABLISHED ENTRANCES DO NOT ADEQUATELY REMOVE DIRT AND MUD FROM VEHICLE WHEELS SUCH THAT MUD AND DIRT TRACKING IS EVIDENT OFF SITE, ADDITIONAL MEASURES MUST BE TAKEN. SUCH MEASURES MAY INCLUDE WHEEL WASHING BEFORE VEHICLES LEAVE THE SITE OR OTHER CONSTRUCTION TECHNIQUES/WORK OPERATION MODIFICATIONS.
5. WHEEL WASHING SHOULD BE DONE ON THE GRAVEL PAD AND WASH WATER SHOULD DRAIN THROUGH A SILT-TRAPPING STRUCTURE PRIOR TO LEAVING THE CONSTRUCTION SITE.
6. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CLEAN UP ANY SEDIMENT/MUD TRACKED INTO ADJACENT RIGHT-OF-WAY.

EXISTING TREE PROTECTION

1. CONTRACTOR SHALL IDENTIFY AND MARK ALL EXISTING TREES TO BE PROTECTED PRIOR TO CONSTRUCTION ACTIVITY.
2. SAFETY FENCING SHALL BE MAINTAINED AND REPAIRED, AS NECESSARY, UNTIL FINAL LANDSCAPING IS INSTALLED.

SENSITIVE AREAS

1. THERE IS AN EXISTING VEGETATED DRAINAGE CHANNEL LOCATED SOUTH OF THE PROJECT SITE THAT WILL BE PRESERVED. REFER TO C1.01 FOR LOCATION.
2. PERIMETER CONTROLS SHALL BE INSTALLED ALONG THE ENTIRETY OF THE SOUTHERN EDGE OF THE DISTURBED AREA.
3. CONTRACTOR SHALL IMPLEMENT ADDITIONAL BMPS, IF NEEDED, SO THAT NO SEDIMENT LEAVES THE LIMITS OF DISTURBANCE SHOWN ON THE PLAN.

RESPONSIBLE PERSON

1. BRENT PERRIN
FACILITIES DIRECTOR
503-492-4921-ext 3440
BPERRIN@RSD7.NET

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GENERAL NOTES

A. INSTALL BASIN INSERT BAGS OR CURB INLET SEDIMENT DAMS AT ALL INLET STRUCTURES.

B. ALL SAW-CUTTING SLURRY MUST BE VACUUMED IMMEDIATELY AND DISPOSED OF OFF-SITE.

C. THE FOLLOWING WERE REVIEWED AND DO NOT PERTAIN TO THIS PROJECT:
1. THERE ARE NO NATURAL RESOURCE SITES.
2. THERE ARE NO BORROW SITES.
3. THERE ARE NO CONSERVATION ZONES.

D. REFER TO LANDSCAPE PLANS FOR PERMANENT VEGETATION.

E. ALL ESC MEASURES WILL BE COMPLETED IN A SINGLE PHASE.

F. EXPECTED TIME PERIOD OF LAND DISTURBING ACTIVITIES IS 2 MONTHS.

G. THERE ARE NO KNOWN DRYWELLS, SEPTIC DRAIN FIELDS, OR DRINKING WELLS AT THIS SITE. THE EXISTING UNDERGROUND STORM DRAINAGE SYSTEM IS UNKNOWN.

H. THERE ARE NO KNOWN LOCATIONS WHERE STORMWATER OR AUTHORIZED NON-STORMWATER IS DISCHARGED DIRECTLY TO SURFACE WATERS OF THE STATE.

I. NO TEMPORARY STORMWATER DRAINAGE SYSTEMS, DRYWELLS, OR SEPTIC DRAIN FIELDS ARE PROPOSED WITH THIS PROJECT.

J. AN ENVIRONMENTAL MANAGEMENT PLAN IS NOT APPLICABLE TO THIS PROJECT. ENGINEERED SEDIMENT BASINS ARE NOT PROPOSED.

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EROSION CONTROL SPECIFICATIONS

1.01 BARK/MULCH BIO BERM

A. THE COMPOST FILTER BERM MATERIAL CONSISTS OF COMPOST OR A BLEND OF COMPOST AND MULCH MATERIALS ACCORDING TO THE SPECIFICATIONS AS FOLLOWS.
B. THE FILTER BERM MATERIAL SHALL MEET PARTICLE SIZING SPECIFICATIONS THAT WHEN USED IN A FILTER BERM SYSTEM ARE TESTED IN CONFORMANCE WITH THE OUTLINED METHODS AND SCOPE OF ASTM D6459 (LATEST REVISION).
C. THE COMPOST PORTION OF THE FILTER BERM SHALL BE DERIVED FROM WELL-DECOMPOSED ORGANIC MATTER SOURCE PRODUCED BY CONTROLLED AEROBIC (BIOLOGICAL) DECOMPOSITION THAT HAS BEEN SANITIZED THROUGH THE GENERATION OF HEAT AND STABILIZED TO THE POINT THAT IT IS APPROPRIATE FOR THIS PARTICULAR APPLICATION. COMPOST MATERIAL SHALL BE PROCESSED THROUGH PROPER THERMOPHILIC COMPOSTING, MEETING THE U.S. ENVIRONMENTAL PROTECTION AGENCY'S DEFINITION FOR A "PROCESS TO FURTHER REDUCE PATHOGENS" (PFRP). THE COMPOST PORTION SHALL MEET THE CHEMICAL, PHYSICAL, AND BIOLOGICAL PROPERTIES OUTLINED BELOW.
1. THE PH SHALL BE BETWEEN 5.0 AND 8.5 FOR BERMS TO RECEIVE VEGETATION.
2. NITROGEN CONTENT: 0.5% – 2.0%
3. SOLUBLE SALTS: MAXIMUM 5 mmhos/cm.
4. COMPOST SHALL BE WEED AND PESTICIDE FREE, WITH MANMADE MATERIALS COMPRISING LESS THAN 1%.

1.02 SEDIMENT FENCE

A. SEDIMENT FENCE FABRIC: POLYPROPYLENE GEOTEXTILE RESISTANT TO COMMON SOIL CHEMICALS, MILDEW, AND INSECTS; NON-BIODEGRADABLE; IN LONGEST LENGTHS POSSIBLE; FABRIC INCLUDING SEAMS WITH THE FOLLOWING MINIMUM AVERAGE ROLL LENGTHS.
B. APPARENT OPENING SIZE: 30 U.S. STD. SIEVE, MAXIMUM, WHEN TESTED IN ACCORDANCE WITH ASTM D4751 (LATEST REVISION).
C. PERMITTIVITY: 0.05 sec-1, MINIMUM, WHEN TESTED IN ACCORDANCE WITH ASTM D4491 (LATEST REVISION).
D. ULTRAVIOLET RESISTANCE: RETAINING AT LEAST 70% OF TENSILE STRENGTH, WHEN TESTED IN ACCORDANCE WITH ASTM D4355 (LATEST REVISION) AFTER 500 HOURS EXPOSURE.
E. GRAB TENSILE STRENGTH-UNSUPPORTED: 90 lb-f, MINIMUM, IN FROSS-MACHINE DIRECTION; 100 lb-f, MINIMUM, IN MACHINE DIRECTION; WHEN TESTED IN ACCORDANCE WITH ASTM D4632 (LATEST REVISION).
F. COLOR: MANUFACTURER'S STANDARD, WITH EMBEDMENT AND FASTENER LINES PREPRINTED.
G. MANUFACTURERS:
1. BP AMOCO, AMOCO FABRICS AND FIBERS; www.geotextile.com.
2. TC MIRAFI, www.tcmirafi.com.
3. SYNTHETIC INDUSTRIES; www.fixsoil.com.

1.03 BIO-FILTER BAGS

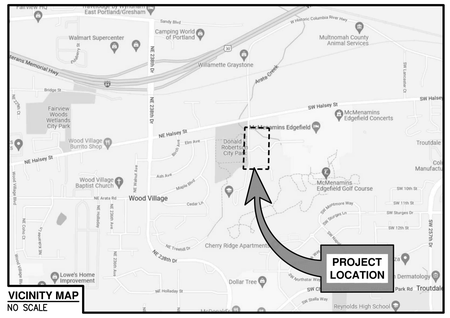
A. PROVIDE MINIMUM SIZE 18" x 6" x 30" PLASTIC MESH BAGS WITH ½ INCH OPENINGS FILLED WITH APPROXIMATELY 45 POUNDS OF CLEAN, 100% RECYCLED WOOD-PRODUCT WASTE.

1.04 CATCH BASIN INSERT GAB / CURB INLET SEDIMENT DAM

A. PROVIDE PREFABRICATED FILTER INSERTS MANUFACTURED SPECIFICALLY FOR COLLECTING SEDIMENT IN DRAINAGE INLETS. INCLUDE HANDLES AND/OR FASTENERS SUFFICIENT TO KEEP THE INSERT FROM FALLING INTO THE INLET DURING MAINTENANCE AND REMOVAL OF THE SEDIMENT INSERT FROM THE INLET. INSERT BAGS SHALL BE INCLUDED ON THE OREGON QUALIFIED PRODUCTS LIST (QPL) FOR TYPE 3 INLET PROTECTION OR APPROVED. CURB INLET SEDIMENT DAMS SHALL BE INCLUDED ON THE OREGON QPL FOR TYPE 6 INLET PROTECTION, OR APPROVED.

ATTENTION EXCAVATORS:

OREGON LAW REQUIRES YOU TO FOLLOW RULES ADOPTED BY THE OREGON UTILITY NOTIFICATION CENTER. THOSE RULES ARE SET FORTH IN O.A.R. 952-001-0010 THROUGH O.A.R. 652-001-0090. YOU MAY OBTAIN COPIES OF THESE RULES FROM THE CENTER BY CALLING 503-232-1987. IF YOU HAVE ANY QUESTIONS ABOUT THE RULES, YOU MAY CONTACT THE CENTER. YOU MUST NOTIFY THE CENTER AT LEAST TWO (2) BUSINESS DAYS BEFORE COMMENCING AND EXCAVATION. CALL 503-246-6699.



VICINITY MAP
NO SCALE

PROJECT LOCATION

2408 SW HALSEY,
TROUTDALE, OR 97060

LATITUDE= 45.536749°
LONGITUDE= -122.411296°

PROPERTY/SITE DESCRIPTION

TAX LOT 416 (MULTNOMAH COUNTY TAX MAP 01-03-26)
LOCATED IN THE S.W. 1/4 OF SECTION 26,
TOWNSHIP 01 NORTH, RANGE 03 EAST, WILLAMETTE MERIDIAN
MULTNOMAH COUNTY, OREGON

TOTAL DISTURBED AREA= 0.76 ACRES

TOTAL SITE AREA = 17.64 ACRES 1

ESCP CONSTRUCTION NOTES:

1. LIST OF POLLUTANT-GENERATING ACTIVITIES AND INVENTORY OF POLLUTANTS ASSOCIATED WITH ACTIVITY:
A. CLEARING, GRADING, EXCAVATION: SEDIMENT, WITH POTENTIAL EROSION OF SEDIMENT THROUGHOUT THE SITE.
B. TEMPORARY SEEDING: FERTILIZERS, WITH POTENTIAL SPILLS AND LEAKS THROUGHOUT LANDSCAPE PORTION OF THE SITE.
C. LANDSCAPE SOIL PREPARATION: FERTILIZERS, WITH POTENTIAL SPILLS AND LEAKS THROUGHOUT LANDSCAPE PORTION OF THE SITE.
2. WASTE MANAGEMENT PROCEDURES:
A. STORE WASTE IN COVERED DUMPSTERS AS SHOWN ON ESCP.
B. PROVIDE WASTE CONTAINERS (E.G., DUMPSTER, TRASH RECEPTACLE) THAT PROVIDE GROUND SEPARATION AND ARE OF SUFFICIENT SIZE AND NUMBER TO CONTAIN CONSTRUCTION AND DOMESTIC WASTES;
C. KEEP WASTE CONTAINER LIDS CLOSED WHEN NOT IN USE AND CLOSE LIDS AT THE END OF THE BUSINESS DAY FOR THOSE CONTAINERS THAT ARE ACTIVELY USED THROUGHOUT THE DAY. FOR WASTE CONTAINERS THAT DO NOT HAVE LIDS, PROVIDE EITHER (1) COVER (E.G., A TARP, PLASTIC SHEETING, TEMPORARY ROOF) TO PREVENT EXPOSURE OF WASTES TO PRECIPITATION, OR (2) A SIMILARLY EFFECTIVE MEANS DESIGNED TO PREVENT THE DISCHARGE OF POLLUTANTS (E.G., SECONDARY CONTAINMENT);
D. CLEAN UP AND DISPOSE OF WASTE IN DESIGNATED WASTE CONTAINERS; AND
E. CLEAN UP IMMEDIATELY IF CONTAINERS OVERFLOW.

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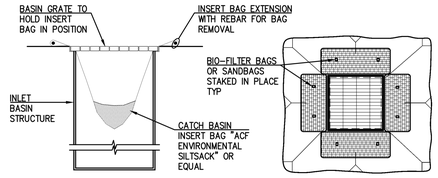
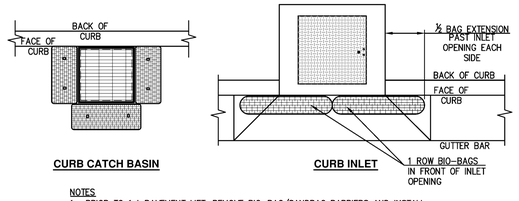


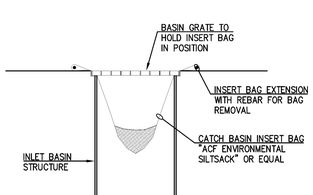


NOTES
1. PRIOR TO 1st PAVEMENT LIFT, REMOVE BIO-BAG/SANDBAG BARRIERS AND INSTALL BASIN INSERT BAG OR CURB INLET SEDIMENT DAM AT ALL INLET STRUCTURES.

1 DRAINAGE INLET STRUCTURE PROTECTION
No Scale

NOTES
1. MAX SLOPE (PERPENDICULAR TO FENCE) – 1H:1V
2. INSTALL 10' UPHILL OF BIO BERM.

3 PROTECTIVE FENCING
No Scale



2 INLET STRUCTURE INSERT BAG
NO SCALE

4 STABILIZED CONSTRUCTION ENTRANCE
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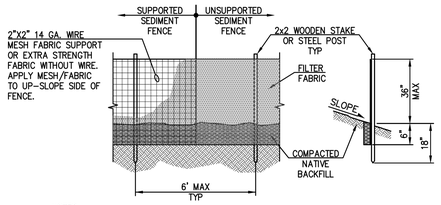

NOTES
1. MAX GROUND SLOPE (PERPENDICULAR TO FENCE):
SUPPORTED FENCE – 1H:1V
UNSUPPORTED FENCE – 4H:1V
2. SYNTHETIC FILTER FABRIC SHALL CONTAIN ULTRAVIOLET RAY INHIBITORS AND STABILIZERS TO PROVIDE A MINIMUM OF 6 MONTHS OF EXPECTED USABLE CONSTRUCTION LIFE AT A TEMPERATURE RANGE OF 0°F TO 120°F.
3. FILTER FABRIC SHALL BE SPLICED TOGETHER ONLY AT SUPPORT POSTS WITH A MINIMUM OF 6 INCH OVERLAP AND BOTH ENDS SECURED TO POST.
4. CONTINUOUS BIO BERM MAY BE INSTALLED AT UPHILL BASE OF FILTER FABRIC IN LIEU OF BURYING BOTTOM OF FABRIC.
5. USE STAPLES OR WIRE RINGS TO ATTACH FILTER FABRIC TO WIRE SUPPORT FABRIC.

5 SEDIMENT FENCE
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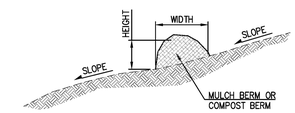

NOTES
1. BERM SIZE:
a. SLOPES LESS THAN 5% = 24"-36" WIDE BY 12"-18" HIGH
b. SLOPES GREATER THAN 5% = 36"-48" WIDE BY 18"-24" HIGH
c. COMPOST MULCH SHALL BE MEDIUM-GRADE, MIXED YARD DEBRIS.
d. BARK MULCH SHALL BE STANDARD COMMERCIAL PRODUCT, MEDIUM-COURSE GROUND BARK. BARK SHALL BE GROUND FIR BARK, FREE FROM WEEDS AND SEED.

6 CONTINUOUS BARK/MULCH BIO BERM
No Scale

BRIC
ARCHITECTURE INC.
1233 NW Northrup Street
Suite 100
Portland, Oregon 97209
tel . (503) 595 4900

REGISTERED PROFESSIONAL ENGINEER #13,624 OREGON JULY 18, 1981 MONICA B. ANDERSON EXPIRES 12/31/23

Reynolds School District
2408 SW HALSEY STREET, TROUTDALE, OR 97060

revisions	1 Permit Comm 12/08/2022
phase	PERMIT/BID SET
date	07/15/2022
project	025-600888

REGISTERED PROFESSIONAL ENGINEER #13,624 Digitally Signed OREGON JULY 18, 1981 MONICA B. ANDERSON EXPIRES 12/31/23

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