

Major Land Disturbing Activity – Plan Submittal Requirements

EROSION PREVENTION AND SEDIMENT CONTROL

An erosion prevention and sediment control (EPSC) permit is required for all land-disturbing activities affecting an area of two thousand square feet or greater, cumulatively.

MAJOR LAND DISTURBING ACTIVITY

Major land disturbing activities are those that meet the requirements for an EPSC permit above, and the affected area meets the following conditions:

- Affect an area over an acre in size; or
- Average slopes throughout the disturbed area exceed 10 percent; or
- Slopes greater than 3:1 exceed six feet in height; or
- Concentrated runoff through the disturbed area originates from more than one acre off-site; or
- The site contains sensitive areas.

Submit a completed EPSC application form. Submit one set of the EPSC plan, drawn to scale, showing the following:

- Vicinity map, property address, and property owner's name and address.
- Locations, types, and applicable dimensions of erosion control measures.
- Applicable details of erosion control measures showing full dimensions of construction information.
- Existing and proposed ground contours, including a minimum of the first 50 feet of abutting property.
- Arrows to indicate existing and final flow patterns of surface water. It is the permit holder's responsibility not to alter the flow of surface water to harm neighboring properties.
- Locations and sizes of existing and proposed channels and drainage pipes (labeled as such and with arrows indicating flow direction) on and immediately upstream and downstream of the site.
- Location of the 100-year flood plain, if applicable.
- Site entrances/exits (as approved by the City).
- Applicable standard erosion control notes from Appendix, with additions or changes as required.
- Other notes including references to timing of placement and removal of erosion control measures, and erosion measure specifications such that types and quantities of materials necessary for the installation of the erosion control measures are fully detailed.
- Stamp or signature of the person preparing the plan, licensed as a professional civil or environmental engineer, landscape architect, geologist, or certified professional in erosion and sediment control.**

Submit a construction schedule showing the following:

- Construction start and completion dates.
- Dates when erosion control measures will be in place.
- Timing of site clearing and grading; placement of fills and excavations.
- Projected date of removal of erosion control measures (after landscaping is established or after establishment of a healthy grass stand or other approved vegetation).

Submit a copy of any applicable 1200-C permit issued by ODEQ. If application has been made to ODEQ but a permit has not yet been issued, provide a copy of the completed application filed with ODEQ. Provide a copy of the NPDES 1200-C permit when it is issued.



City of Albany
Public Works Department – Erosion Prevention & Sediment Control
333 Broadalbin St. SW
541-917-7676
epsc@cityofalbany.net

Major Land Disturbing Activity – Standard Permit Requirements

EROSION PREVENTION AND SEDIMENT CONTROL

Standard Permit Conditions:

1. Prior to any ground disturbing activity on the site, an initial inspection by City staff is required. EPSC measures must be in place prior to the inspector arriving. Call 541-791-0116 to schedule your inspection.
2. EPSC measures must be installed in such a manner as to ensure that sediment and sediment-laden water does not enter upon adjacent properties or rights-of-way, the stormwater system, wetlands, or Waters of the State.
3. EPSC measures shown on the plans are minimum requirements for anticipated site conditions. During the construction period, the EPSC measures shall be upgraded as needed for changing conditions and to ensure that sediment and sediment-laden water does not leave the site.
4. EPSC measures shall be inspected daily by the permit holder and maintained as necessary to ensure their function.
5. Stabilized gravel construction entrances shall be installed at the beginning of construction and maintained for the duration of the project. Additional measures may be required to ensure that all paved areas are kept clean for the duration of the project.
6. EPSC measures shall be kept in place until permanent ground cover is established.
7. Exposed soil must be permanently stabilized against wind and water erosion before the EPSC permit can be closed. Once the site is stabilized, schedule a final inspection by calling 541-791-0116. Permanent soil stabilization includes landscaping, seeding, or covering exposed soil with a minimum two-inch layer of bark or wood chips.
8. It is the property owner's responsibility to ensure that any proposed grading, fill, excavation, or other site work does not negatively impact drainage patterns to or from adjacent properties.

Wet Weather Permit Conditions

1. Wet weather erosion prevention measures will be in effect from October 1 through April 30.
2. Soil exposed for more than two days shall be covered with plastic sheeting, matting, or a two-inch layer of mulch, bark, wood chips, sawdust, or straw to minimize erosion potential.
3. Exposed soils shall be seeded no later than September 1 to allow time for proper germination and growth before the wet weather season.

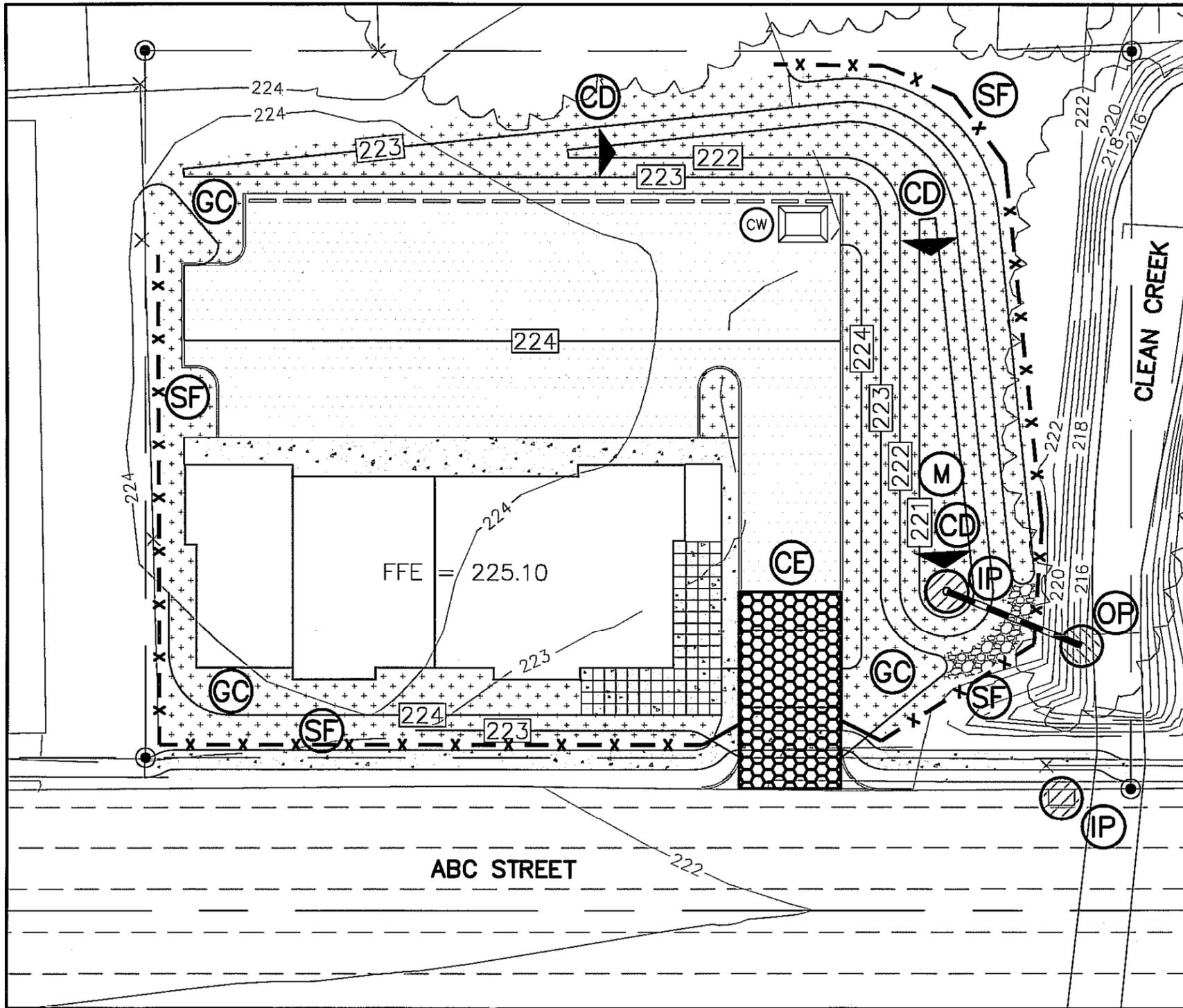
Where can I get assistance?

We are here to help you. Staff is typically available from 8:00 a.m. to 5:00 p.m. weekdays to answer your questions by phone at 541-917-7676, and at the Public Works Department front counter in City Hall, 333 Broadalbin Street SW. We encourage you to call and make arrangements for a free on-site consultation.



City of Albany
Public Works Department – Erosion Prevention & Sediment Control
333 Broadalbin St. SW
(541) 917-7676
epsc@cityofalbany.net

SAMPLE EPSC SITE PLAN FOR MAJOR LAND DISTURBING ACTIVITIES



REFER TO SHEET CS-6 FOR NOTES AND DETAILS.

EPSC LEGEND

-  (CE) CONSTRUCTION ENTRANCE
-  (SF) SEDIMENT FENCE
-  (IP) INLET PROTECTION
-  (OP) OUTLET PROTECTION
-  (M) MATTING
-  (CD) CHECK DAM
-  (GC) GROUND COVER
-  (CW) CONCRETE WASHOUT FACILITY

NOTE: THIS PROJECT SHALL BE CONSTRUCTED AND MAINTAINED IN ACCORDANCE WITH THE LATEST VERSION OF THE CORVALLIS EROSION PREVENTION AND SEDIMENT CONTROL MANUAL.

EROSION & SEDIMENT CONTROL PLAN

NTS

DEVELOPER:
ELITE, LLC
 1234 NONAME STREET
 NOWHERE, OREGON 97000
 (541) 555-1234

XY&Z

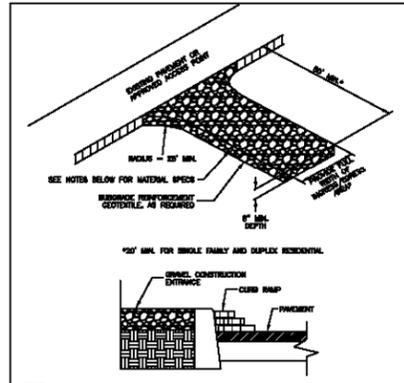
ENGINEERS • SURVEYORS
 PLANNERS • GEOLOGISTS
 4321 SALEM HWY.
 CORVALLIS, OREGON 97330
 (541) 555-5555

EROSION & SEDIMENT
 CONTROL PLAN
 ELITE RETAIL OF
 CORVALLIS, OREGON
 123 ABC STREET

PROJ No: 0021704C | DRAWN BY: ETC | CHECKED BY: ETC

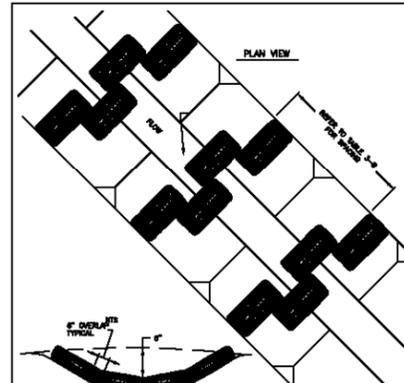
ORIGINAL
 ISSUE DATE:
 PERMIT SET
 ISSUE DATE:
 CONSTRUCTION SET
 ISSUE DATE:
 DRAWING NUMBER:

CS-5



CONSTRUCTION ENTRANCE Detail Drawing 3.2.1

NOTES:
 1. THE ENTRANCE SHALL BE CONSTRUCTED IN A MANNER THAT WILL PREVENT TRACKS OR FLOWERS OF SEDIMENT FROM PUBLIC RIGHT-OF-WAY. THIS MAY REQUIRE TOP DRESSING, REPAIR AND/OR CLEAN CUTS OF ANY ROADWAYS LEADING TO THIS ENTRANCE.
 2. WHEN NECESSARY, BARRIERS SHALL BE CLEANED PRIOR TO ENTRANCE INTO PUBLIC RIGHT-OF-WAY.
 3. WHEN BARRIERS ARE REQUIRED, IT SHALL BE DONE ON AN AREA COVERED WITH CRUSHED STONE. THIS SHALL BE FOR ALL APPROVED ENTRANCES, FROM OR THROUGH THE CITY OF CORVALLIS.
 4. WHEN OTHER BARRIERS SHALL BE IMPLEMENTED TO CHECK ALREADY THROUGH AN APPROVED ENTRANCE, OTHER BARRIERS SHALL BE IMPLEMENTED TO CHECK ALREADY THROUGH AN APPROVED ENTRANCE.
 5. BARRIERS SHALL BE CLEANED PRIOR TO ENTRANCE INTO PUBLIC RIGHT-OF-WAY.
 6. BARRIERS SHALL BE CLEANED PRIOR TO ENTRANCE INTO PUBLIC RIGHT-OF-WAY.
 7. BARRIERS SHALL BE CLEANED PRIOR TO ENTRANCE INTO PUBLIC RIGHT-OF-WAY.

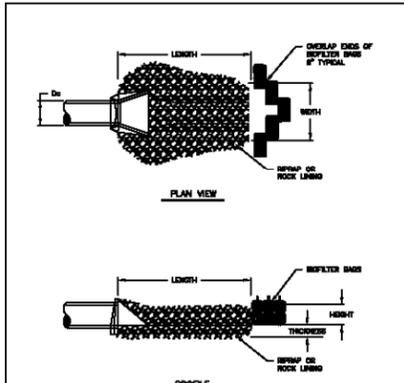


CHECK DAM BIOFILTER BAG Detail Drawing 3.2.6b

TABLE 3-1. APPROXIMATE BAG SIZES

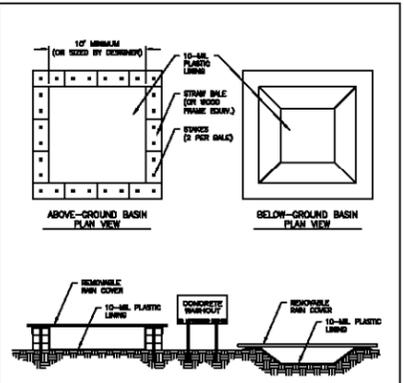
HEIGHT	LENGTH	WIDTH	AREA
18"	12'	12"	144 sq ft
24"	16'	12"	192 sq ft
30"	20'	12"	240 sq ft
36"	24'	12"	288 sq ft
42"	28'	12"	336 sq ft
48"	32'	12"	384 sq ft
54"	36'	12"	432 sq ft
60"	40'	12"	480 sq ft

NOTES:
 1. TOPPING OF BAGS REQUIRED UNDER ALL TYPES OF ROAD SURFACES OR APPROVED CUTS.
 2. SURFACE MUST BE SMOOTH BEFORE APPLICATION.



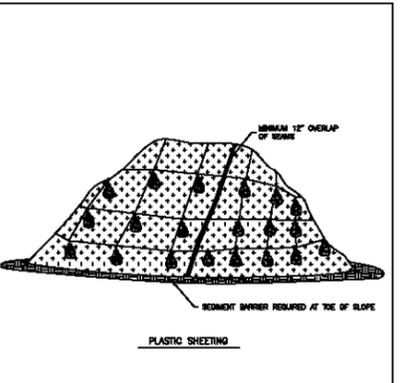
OUTLET PROTECTION Detail Drawing 3.2.4

NOTES:
 1. SEE TABLE 3-4 FOR "LENGTH", "WIDTH", "HEIGHT" AND "TYPICAL" DIMENSIONS.
 2. BARRIERS SHALL BE CLEANED PRIOR TO ENTRANCE INTO PUBLIC RIGHT-OF-WAY.
 3. APPROVED ENTRANCES SHALL BE IMPLEMENTED TO CHECK ALREADY THROUGH AN APPROVED ENTRANCE.
 4. APPROVED ENTRANCES SHALL BE IMPLEMENTED TO CHECK ALREADY THROUGH AN APPROVED ENTRANCE.



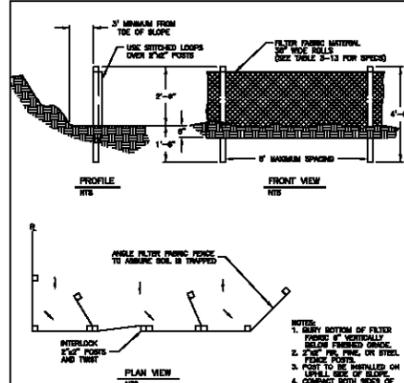
CONCRETE WASHOUT Detail Drawing 4.2.10

NOTES:
 1. ACTUAL LENGTH DETERMINED BY LOCAL JURISDICTION.
 2. BARRIERS SHALL BE CLEANED PRIOR TO ENTRANCE INTO PUBLIC RIGHT-OF-WAY.
 3. APPROVED ENTRANCES SHALL BE IMPLEMENTED TO CHECK ALREADY THROUGH AN APPROVED ENTRANCE.



PLASTIC SHEETING Detail Drawing 3.1.8

NOTES:
 1. MINIMUM 12" OVERLAP OF SEAMS REQUIRED.
 2. BARRIERS SHALL BE CLEANED PRIOR TO ENTRANCE INTO PUBLIC RIGHT-OF-WAY.
 3. APPROVED ENTRANCES SHALL BE IMPLEMENTED TO CHECK ALREADY THROUGH AN APPROVED ENTRANCE.

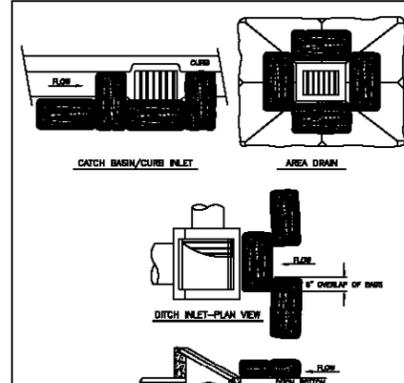


SEDIMENT FENCE Detail Drawing 3.3.1

TABLE 3-1.3 WOOD POLYPROPYLENE FENCE (SEE TABLE 3.3.1)

HEIGHT	LENGTH	WIDTH	AREA
18"	12'	12"	144 sq ft
24"	16'	12"	192 sq ft
30"	20'	12"	240 sq ft
36"	24'	12"	288 sq ft
42"	28'	12"	336 sq ft
48"	32'	12"	384 sq ft
54"	36'	12"	432 sq ft
60"	40'	12"	480 sq ft

NOTES:
 1. BARRIERS SHALL BE CLEANED PRIOR TO ENTRANCE INTO PUBLIC RIGHT-OF-WAY.
 2. APPROVED ENTRANCES SHALL BE IMPLEMENTED TO CHECK ALREADY THROUGH AN APPROVED ENTRANCE.

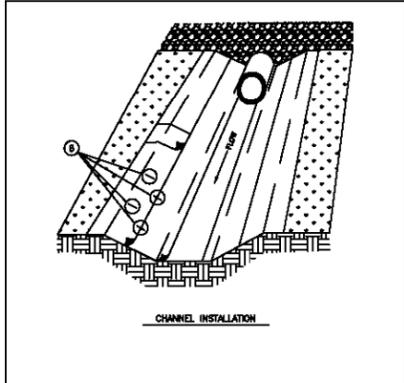


CATCH BASIN/CURE INLET Detail Drawing 3.3.3d

TABLE 3-1.3 WOOD POLYPROPYLENE FENCE (SEE TABLE 3.3.1)

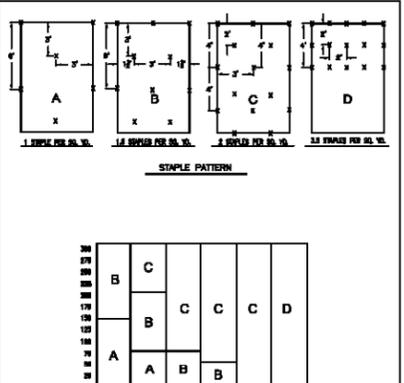
HEIGHT	LENGTH	WIDTH	AREA
18"	12'	12"	144 sq ft
24"	16'	12"	192 sq ft
30"	20'	12"	240 sq ft
36"	24'	12"	288 sq ft
42"	28'	12"	336 sq ft
48"	32'	12"	384 sq ft
54"	36'	12"	432 sq ft
60"	40'	12"	480 sq ft

NOTES:
 1. BARRIERS SHALL BE CLEANED PRIOR TO ENTRANCE INTO PUBLIC RIGHT-OF-WAY.
 2. APPROVED ENTRANCES SHALL BE IMPLEMENTED TO CHECK ALREADY THROUGH AN APPROVED ENTRANCE.



MATTING CHANNEL INSTALLATION Detail Drawing 3.1.7b

NOTES:
 1. INFORMATION PROVIDED IS MINIMUM REQUIREMENTS. MANUFACTURER'S SPECIFICATIONS WHICH ARE MORE STRINGENT SHALL BE USED.
 2. INSTALL WITH SPACERS IN CENTER OF CHANNELS IN THE DIRECTION OF FLOW FOR CLARITY. INSTALL MAT UNDER CLEARANCE OF 12 INCHES.
 3. IN CHANNEL BOTTOM, OVERLAP LENGTH SHALL BE A MINIMUM OF 12 INCHES.
 4. REFER TO DETAIL DRAWING 3.1.7c FOR SHALLOW SLOPE APPLICATION.
 5. REFER TO DETAIL DRAWING 3.1.7d FOR DEEP SLOPE APPLICATION.
 6. COVERING SHALL BE OBTAINED BY THE APPLICANT/CONTRACTOR. COVERING SHALL BE 8 INCH, NON-OPENWEAVE MATS 8-12 INCH.



MATTING STAPLE PATTERN Detail Drawing 3.1.7c

TABLE 3-1.3 WOOD POLYPROPYLENE FENCE (SEE TABLE 3.3.1)

HEIGHT	LENGTH	WIDTH	AREA
18"	12'	12"	144 sq ft
24"	16'	12"	192 sq ft
30"	20'	12"	240 sq ft
36"	24'	12"	288 sq ft
42"	28'	12"	336 sq ft
48"	32'	12"	384 sq ft
54"	36'	12"	432 sq ft
60"	40'	12"	480 sq ft

NOTES:
 1. BARRIERS SHALL BE CLEANED PRIOR TO ENTRANCE INTO PUBLIC RIGHT-OF-WAY.
 2. APPROVED ENTRANCES SHALL BE IMPLEMENTED TO CHECK ALREADY THROUGH AN APPROVED ENTRANCE.

EROSION CONTROL NOTES

- OWNER OR DESIGNATED PERSON SHALL BE RESPONSIBLE FOR PROPER INSTALLATION AND MAINTENANCE OF ALL EROSION PREVENTION AND SEDIMENT CONTROL (EPSC) MEASURES, IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS.
- THE IMPLEMENTATION OF THESE EPSC PLANS AND CONSTRUCTION, MAINTENANCE, REPLACEMENT, AND UPGRADING OF THESE EPSC MEASURES IS THE RESPONSIBILITY OF THE CONTRACTOR UNTIL ALL CONSTRUCTION IS COMPLETED AND APPROVED BY THE LOCAL JURISDICTION, AND VEGETATION/LANDSCAPING IS ESTABLISHED. THE DEVELOPER SHALL BE RESPONSIBLE FOR MAINTENANCE AFTER THE PROJECT IS APPROVED UNTIL THE LOTS ARE SOLD.
- THE BOUNDARIES OF THE CLEARING LIMITS SHOWN ON THIS PLAN SHALL BE CLEARLY MARKED IN THE FIELD PRIOR TO CONSTRUCTION. DURING THE CONSTRUCTION PERIOD, NO DISTURBANCE BEYOND THE CLEARING LIMITS SHALL BE PERMITTED. THE MARKINGS SHALL BE MAINTAINED BY THE APPLICANT/CONTRACTOR FOR THE DURATION OF CONSTRUCTION.
- THE EPSC MEASURES SHOWN ON THIS PLAN MUST BE CONSTRUCTED IN CONJUNCTION WITH ALL CLEARING AND GRADING ACTIVITIES, AND IN SUCH A MANNER AS TO INSURE THAT SEDIMENT AND SEDIMENT-LADEN WATER DOES NOT ENTER THE DRAINAGE SYSTEM, ROADWAYS, OR VIOLATE APPLICABLE WATER STANDARDS.
- THE EPSC MEASURES SHOWN ON THIS PLAN ARE MINIMUM REQUIREMENTS FOR ANTICIPATED SITE CONDITIONS. DURING THE CONSTRUCTION PERIOD, THESE EPSC MEASURES SHALL BE UPGRADED AS NEEDED FOR UNEXPECTED STORM EVENTS AND TO ENSURE THAT SEDIMENT AND SEDIMENT-LADEN WATER DOES NOT LEAVE THE SITE.
- THE EPSC MEASURES SHALL BE INSPECTED DAILY BY THE APPLICANT/CONTRACTOR AND MAINTAINED AS NECESSARY TO ENSURE THEIR CONTINUED FUNCTIONING.
- AT NO TIME SHALL SEDIMENT BE ALLOWED TO ACCUMULATE MORE THAN 1/3 THE BARRIER HEIGHT. ALL CATCH BASINS AND CONVEYANCE LINES SHALL BE CLEANED PRIOR TO PAVING. THE CLEANING OPERATIONS SHALL NOT FLUSH SEDIMENT-LADEN WATER INTO THE DOWNSTREAM SYSTEM.
- STABILIZED ROCK ENTRANCES SHALL BE INSTALLED AT THE BEGINNING OF CONSTRUCTION AND MAINTAINED FOR THE DURATION OF THE PROJECT. ADDITIONAL MEASURES MAY BE REQUIRED TO INSURE THAT ALL PAVED AREAS ARE KEPT CLEAN FOR THE DURATION OF THE PROJECT.
- STORM DRAIN INLETS, BASINS, AND AREA DRAINS SHALL BE PROTECTED UNTIL PAVEMENT SURFACES ARE COMPLETED AND/OR VEGETATION IS RE-ESTABLISHED.
- PAVEMENT SURFACES AND VEGETATION ARE TO BE PLACED AS RAPIDLY AS POSSIBLE.
- SEEDING SHALL BE PERFORMED NO LATER THAN SEPTEMBER 1 FOR EACH PHASE OF CONSTRUCTION.
- IF THERE ARE EXPOSED SOILS OR SOILS NOT FULLY ESTABLISHED FROM OCTOBER 1 THROUGH APRIL 30, THE WET WEATHER EROSION PREVENTION MEASURES WILL BE IN EFFECT. SEE THE CITY OF CORVALLIS EROSION PREVENTION AND SEDIMENT CONTROL MANUAL (CHAPTER 3) FOR REQUIREMENTS.
- THE DEVELOPER SHALL REMOVE EPSC MEASURES ONLY AFTER VEGETATION IS FULLY ESTABLISHED.

SEEDBED PREPARATION

- TILL TWO INCHES (MINIMUM) OF WELL-ROTTED COMPOST INTO THE UPPER 6-INCHES OF THE ENTIRE SWALE TREATMENT AREA TO ACHIEVE AN ORGANIC CONTENT OF 1 PERCENT OR GREATER. COMPOST SHALL NOT CONTAIN ANY SAWDUST, STRAW, GREEN OR UNDER-COMPOSTED ORGANIC MATTER, OR UNSTERILIZED MANURE.
- BRING THE SEEDBED AREA TO FINAL GRADE, REMOVE ALL ROCKS AND DEBRIS, AND SMOOTH SURFACE UNDULATIONS LARGER THAN 2 INCHES.
- THE SEEDBED SHOULD BE FIRM BUT NOT COMPACT. THE TOP 4-6 INCHES OF SOIL SHOULD BE LOOSE, MOIST AND FREE OF LARGE CLODS AND STONES.
- SEED WATER QUALITY SWALE WITH KING COUNTY SURFACE WATER DESIGN MANUAL - BIOFILTRATION SWALE SEED MIX #1: 100 LBS/ACRE: 75-80% TALL OR MEADOW FESCUE 10-15% SEASIDE CREEPING BENTGRASS OR COLONIAL BENTGRASS 5-10% REDTOP (NOTE: ALL PERCENTAGES ARE BY WEIGHT.)
- IF SWALE OUTLET TO CREEK IS ESTABLISHED DURING THE WET WEATHER SEASON OF OCTOBER 1 THROUGH APRIL 30, INSTALL CHECK DAMS AND EXCELSIOR MATTING ALONG SWALE BOTTOM AND SIDE SLOPES FOR TEMPORARY EROSION PREVENTION.
- PROVIDE TEMPORARY IRRIGATION AS NECESSARY FOR SEED GERMINATION AND GROWTH.
- INSPECT SEEDING AREAS FREQUENTLY TO VERIFY ADEQUATE MOISTURE AND GRASS ESTABLISHMENT. REPAIR ANY DAMAGE FROM RUNOFF AND INSTALL ADDITIONAL EROSION PREVENTION MEASURES AS NECESSARY. RE-SEED AND MULCH DAMAGED OR BARE SPOTS.

DUST CONTROL PLAN

- SURFACE WATER APPLICATION TO BE USED FOR DUST CONTROL OF EXPOSED SOILS. ONE WATER TRUCK TO BE AVAILABLE DURING DRY WEATHER CONSTRUCTION. WATER TO BE OBTAINED FROM EXISTING FIRE HYDRANT AT SW CORNER OF SITE, ADJACENT TO ABC STREET, THROUGH METER OBTAINED FROM CITY OF CORVALLIS PUBLIC WORKS.
- NO ON-SITE STOCKPILING OF SOIL IS ANTICIPATED. IN THE EVENT THAT SOILS ARE STOCKPILED ON-SITE, COVER WITH 8-MIL PLASTIC SHEETING FOR WIND AND WATER EROSION PREVENTION.
- ALL MASONRY BLOCKS USED IN BUILDING CONSTRUCTION TO BE WET-CUT FOR DUST CONTROL. AREA AROUND CONCRETE SAW TO BE BERMED AND ACCUMULATED SLURRY DISPOSED OF IN ON-SITE CONCRETE WASHOUT FACILITY.

EROSION CONTROL PLAN

ELITE RETAIL OF CORVALLIS, OREGON
 123 ABC STREET

PROJ No: 0021704C | DRAWN BY: ETC | CHECKED BY: ETC

EROSION CONTROL PLAN

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 123 ABC STREET

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EROSION CONTROL PLAN

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 123 ABC STREET

PROJ No: 0021704C | DRAWN BY: ETC | CHECKED BY: ETC

DEVELOPER:
ELITE, LLC
 1234 NONAME STREET
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 (541) 555-1234

XY&Z
 ENGINEERS • SURVEYORS
 PLANNERS • GEOLOGISTS
 4321 SALEM HWY.
 CORVALLIS, OREGON 97330
 (541) 555-5555

EROSION & SEDIMENT CONTROL PLAN

ELITE RETAIL OF CORVALLIS, OREGON
 123 ABC STREET

PROJ No: 0021704C | DRAWN BY: ETC | CHECKED BY: ETC

ORIGINAL
 ISSUE DATE: 03/01/04

PERMIT SET
 ISSUE DATE: 04/12/04

CONSTRUCTION SET
 ISSUE DATE: 04/12/04

DRAWING NUMBER:
CS-6
 OF 11