

GENERAL CONSTRUCTION SITE MANAGEMENT PLAN (CSMP) NOTES

- STOCK PILES
- 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.
 - 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.
 - 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.
 - 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.
 - 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

- 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 CLOJ.
- ADDITIONAL ROCK SHALL BE ADDED PERIODICALLY, IF NECESSARY, TO MAINTAIN PROPER FUNCTION OF THE PAD.
- INSTALL VEHICLE BARRIERS AT ANY SITE ENTRANCE NOT USED AS STABILIZED CONSTRUCTION ENTRANCE TO RESTRICT SITE ACCESS.
- 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.
- 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.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO CLEAN UP ANY SEDIMENT/MUD TRACKED INTO ADJACENT RIGHT-OF-WAY.

EXISTING TREE PROTECTION

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

GENERAL NOTES

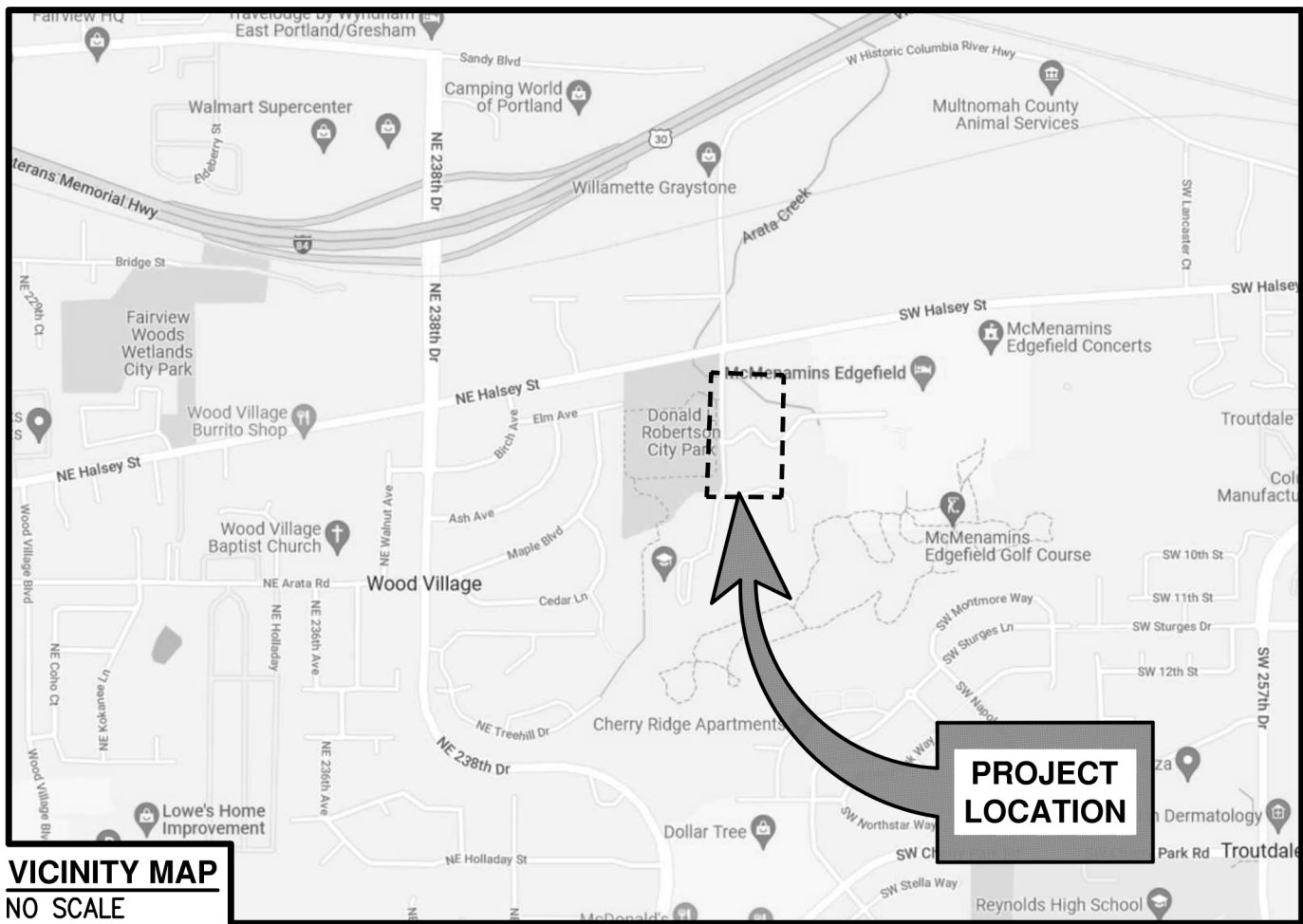
- INSTALL BASIN INSERT BAGS OR CURB INLET SEDIMENT DAMS AT ALL INLET STRUCTURES.
- ALL SAW-CUTTING SLURRY MUST BE VACUUMED IMMEDIATELY AND DISPOSED OF OFF-SITE.
- THE FOLLOWING WERE REVIEWED AND DO NOT PERTAIN TO THIS PROJECT:
 - THERE ARE NO NATURAL RESOURCE SITES.
 - THERE ARE NO BORROW SITES.
 - THERE ARE NO CONSERVATION ZONES.
- REFER TO LANDSCAPE PLANS FOR PERMANENT VEGETATION.
- ALL ESC MEASURES WILL BE COMPLETED IN A SINGLE PHASE.
- EXPECTED TIME PERIOD OF LAND DISTURBING ACTIVITIES IS 2 MONTHS.

EROSION CONTROL SPECIFICATIONS

- 1.01 BARK/MULCH BIO BERM
- THE COMPOST FILTER BERM MATERIAL CONSISTS OF COMPOST OR A BLEND OF COMPOST AND MULCH MATERIALS ACCORDING TO THE SPECIFICATIONS AS FOLLOWS.
 - 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).
 - 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" (PPRP). THE COMPOST PORTION SHALL MEET THE CHEMICAL, PHYSICAL, AND BIOLOGICAL PROPERTIES OUTLINED BELOW.
 - THE PH SHALL BE BETWEEN 5.0 AND 8.5 FOR BERMS TO RECEIVE VEGETATION.
 - NITROGEN CONTENT: 0.5% - 2.0%.
 - SOLUBLE SALTS: MAXIMUM 5 mmhos/cm.
 - COMPOST SHALL BE WEED AND PESTICIDE FREE, WITH MANMADE MATERIALS COMPRISING LESS THAN 1%.
- 1.02 SEDIMENT FENCE
- 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:
 - APPARENT OPENING SIZE: 30 U.S. STD. SIEVE, MAXIMUM, WHEN TESTED IN ACCORDANCE WITH ASTM D4751 (LATEST REVISION).
 - PERMITIVITY: 0.05 sec-1; MINIMUM, WHEN TESTED IN ACCORDANCE WITH ASTM D4491 (LATEST REVISION).
 - ULTRAVIOLET RESISTANCE: RETAINING AT LEAST 70% OF TENSILE STRENGTH, WHEN TESTED IN ACCORDANCE WITH ASTM D4355 (LATEST REVISION) AFTER 500 HOURS EXPOSURE.
 - GRAB TENSILE STRENGTH-UNSUPPORTED: 90 lb-ft, MINIMUM, IN CROSS-MACHINE DIRECTION; 100 lb-ft, MINIMUM, IN MACHINE DIRECTION; WHEN TESTED IN ACCORDANCE WITH ASTM D4632 (LATEST REVISION).
 - COLOR: MANUFACTURER'S STANDARD, WITH EMBEDMENT AND FASTENER LINES PREPRINTED.
 - MANUFACTURERS:
 - BP AMOCO, AMOCO FABRICS AND FIBERS; www.geotextile.com.
 - TC MIRAFI, www.tcmirafi.com.
 - SYNTHETIC INDUSTRIES; www.fixsoil.com.
- 1.03 BIO-FILTER BAGS
- PROVIDE MINIMUM SIZE 18" x 6" x 30" PLASTIC MESH BAGS WITH 1/2 INCH OPENINGS FILLED WITH APPROXIMATELY 45 POUNDS OF CLEAN, 100% RECYCLED WOOD-PRODUCT WASTE.
- 1.04 CATCH BASIN INSERT GAB / CURB INLET SEDIMENT DAM
- 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.



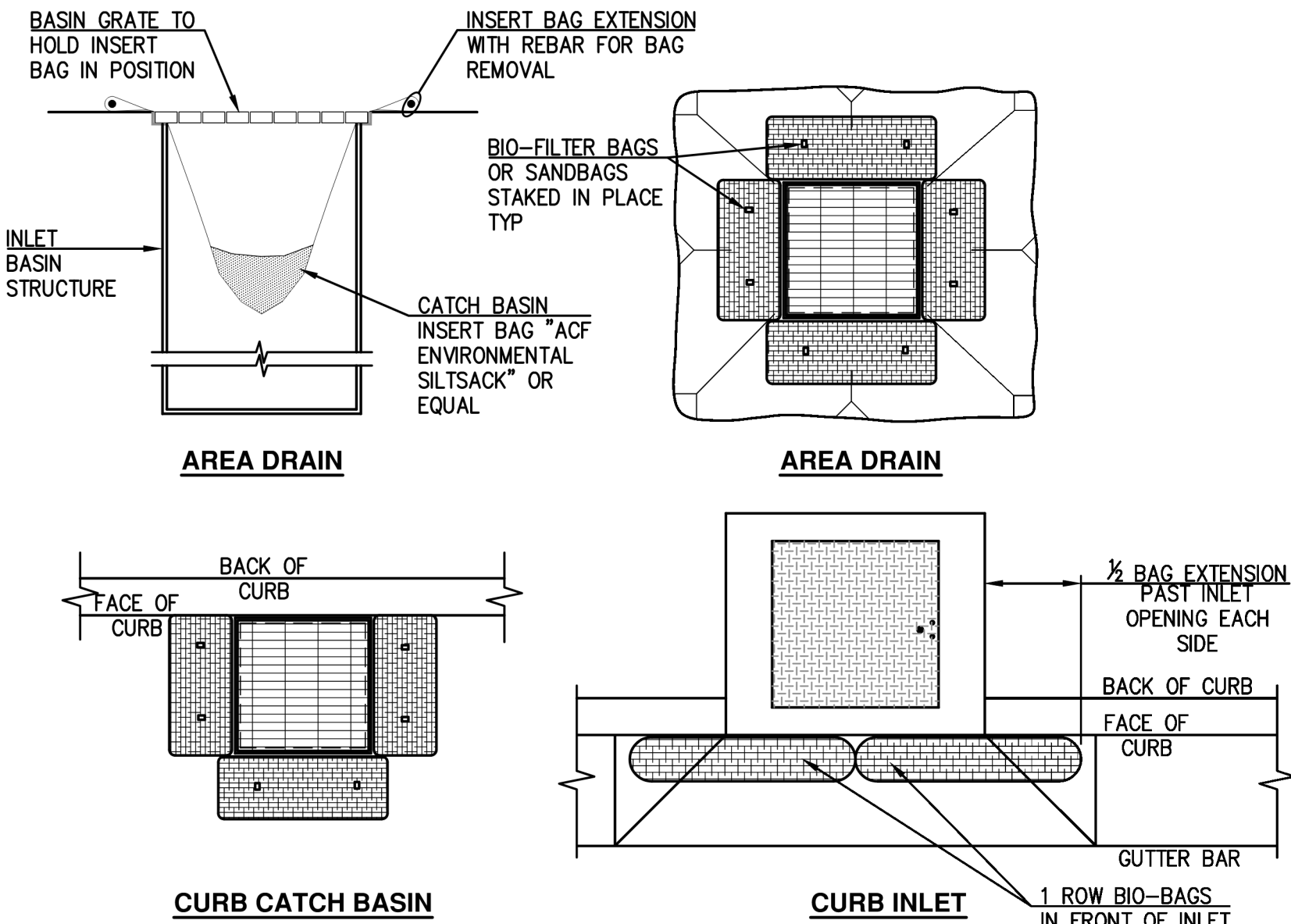
PROJECT LOCATION

2345 NE 244TH AVE.
WOOD VILLAGE, OR 97060

LATITUDE= 45.536749°
LONGITUDE= -122.411296°

PROPERTY/SITE DESCRIPTION

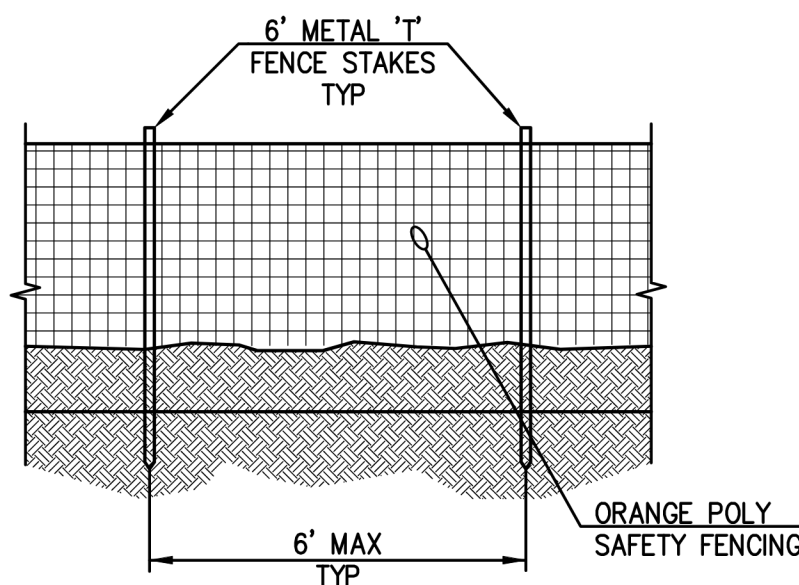
TAX LOT 416 (MULTNOMAH COUNTY TAX MAP 01-03-26)
LOCATED IN THE S.W. 1/4 OF SECTION 26,
TOWNSHIP 01 NORTH, RANGE 03 EAST, WILLAMETTE MERIDIAN
MULTNOMAH COUNTY, OREGON
TOTAL DISTURBED AREA = 0.76 ACRES



NOTES

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

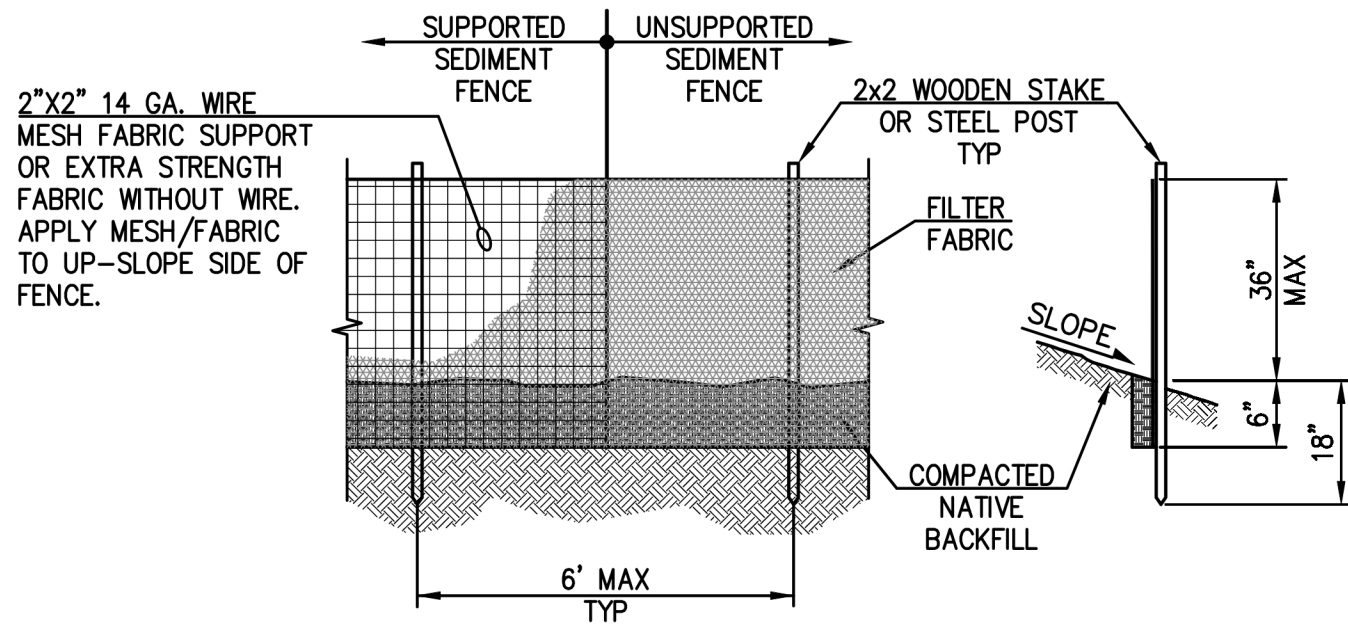
1 DRAINAGE INLET STRUCTURE PROTECTION



NOTES

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

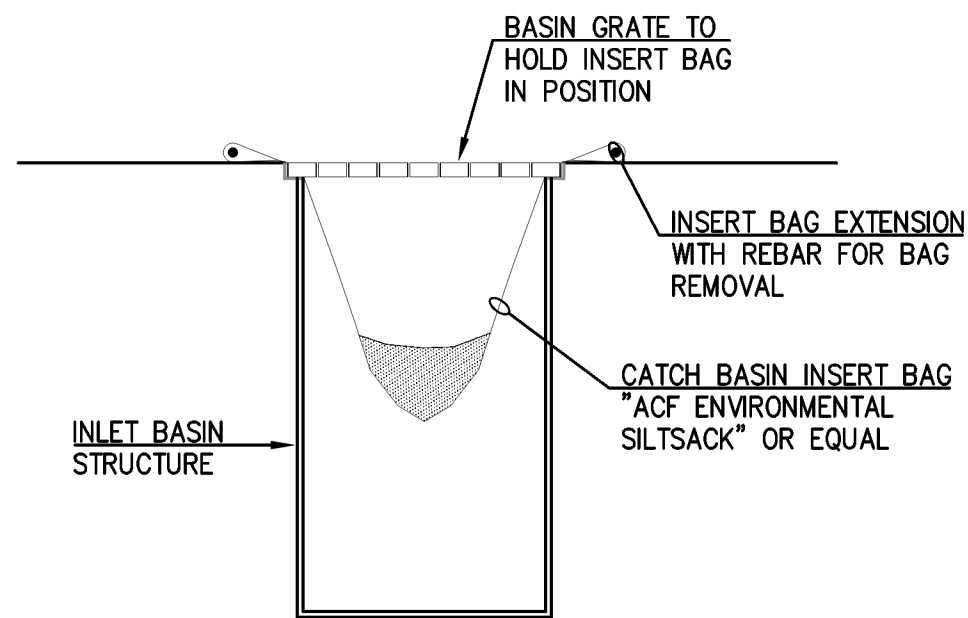
3 PROTECTIVE FENCING



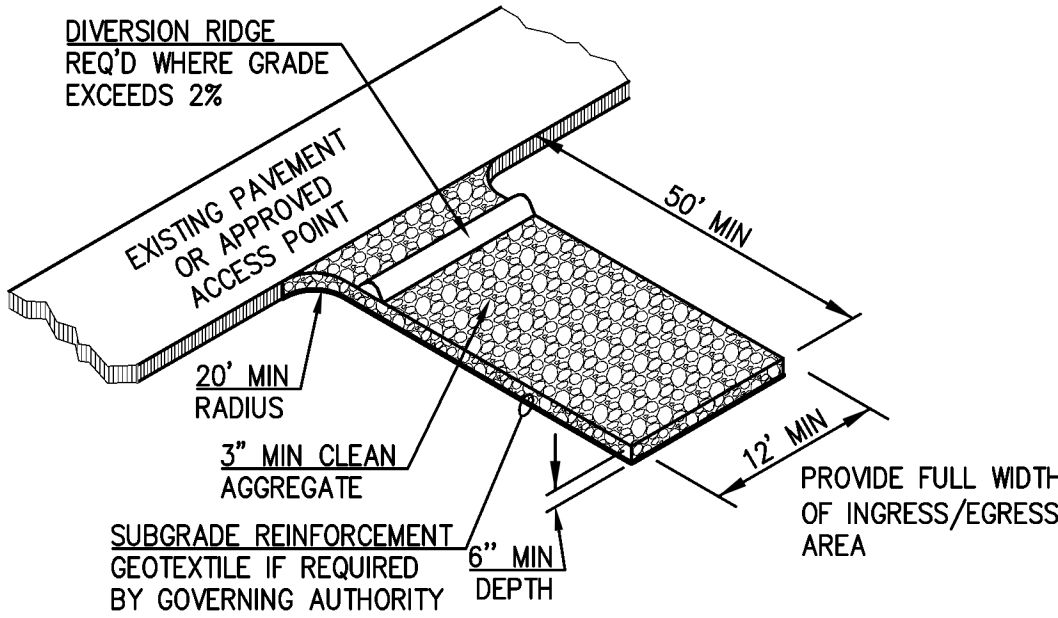
NOTES

- MAX GROUND SLOPE (PERPENDICULAR TO FENCE):
SUPPORTED FENCE - 1H:1V
UNSUPPORTED FENCE - 4H:1V
- 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.
- FILTER FABRIC SHALL BE SPILED TOGETHER ONLY AT SUPPORT POSTS WITH A MINIMUM OF 6 INCH OVERLAP AND BOTH ENDS SECURED TO POST.
- CONTINUOUS BIO BERM MAY BE INSTALLED AT UPHILL BASE OF FILTER FABRIC IN LIEU OF BURYING BOTTOM OF FABRIC.
- USE STAPLES OR WIRE RINGS TO ATTACH FILTER FABRIC TO WIRE SUPPORT FABRIC.

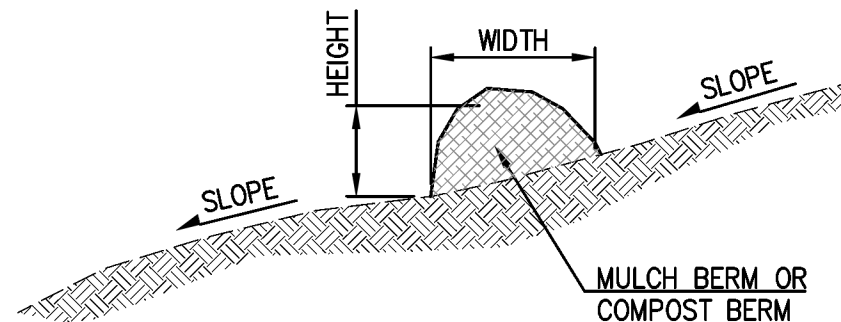
5 SEDIMENT FENCE



2 INLET STRUCTURE INSERT BAG



4 STABILIZED CONSTRUCTION ENTRANCE



NOTES

- BERM SIZE:
 - SLOPES LESS THAN 5% = 24"-36" WIDE BY 12"-18" HIGH
 - SLOPES GREATER THAN 5% = 36"-48" WIDE BY 18"-24" HIGH
- COMPOST MULCH SHALL BE MEDIUM-GRADE, MIXED YARD DEBRIS.
- 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



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SHEET NOTES

1. REFER TO SHEET C100 FOR EROSION AND SEDIMENTATION CONTROL NOTES AND SEDIMENTATION CONTROL DETAILS.
2. NO FUEL OR HAZARDOUS MATERIAL STORAGE TO OCCUR ON SITE.
3. COVER EXPOSED SOIL AT TEMPORARY CONSTRUCTION SLOPES WITH PLASTIC SHEETING.
4. PROVIDE MAP OF HAUL ROUTES AND SCHEDULE OF IMPLEMENTATION FOR ESC MEASURES. SUBMIT TO INSPECTOR DURING PRE-CONSTRUCTION CONFERENCE.
5. UTILIZE EXISTING ADJACENT PAVED SURFACES FOR STABILIZED CONSTRUCTION ENTRANCE AND IMPLEMENT WHEEL WASHING OR A GRAVEL PAD TO PREVENT TRACKING OF SEDIMENT OFFSITE. ADJUST CONSTRUCTION ENTRANCE AND ADJUST, AS NEEDED, TO PREVENT TRACKING OF SEDIMENT OFFSITE.
6. INSTALL INLET PROTECTION PER CONSTRUCTION NOTE 1 AT ANY ADDITIONAL EXISTING INLET STRUCTURES LOCATED DOWNSTREAM OF DISTURBED AREAS THAT ARE NOT SHOWN ON THIS PLAN. INLET PROTECTION SHOWN IN PLAN IS A REPRESENTATIVE EXAMPLE, AND DOES NOT REPRESENT THE TOTAL QUANTITY OF PROTECTION FOR THIS PROJECT.
7. INSTALL PERIMETER CONTROLS ALONG EDGE OF LIMITS OF DISTURBANCE AT ALL LOCATIONS WHERE EXISTING GROUND SURFACE SLOPES DOWNHILL TO ADJACENT AREAS. PREVENT ERODED SEDIMENT FROM LEAVING THE AREA OF DISTURBANCE DURING RAINFALL EVENTS. PERIMETER CONTROL IS SHOWN IN PLAN AS AN EXAMPLE, AND DOES NOT REPRESENT THE TOTAL QUANTITY OF REQUIRED PERIMETER CONTROL FOR THIS PROJECT.

CONSTRUCTION NOTES

- # CONSTRUCTION NOTES
1. INLET PROTECTION: INSTALL INLET PROTECTION PER DETAILS 1 AND 2 ON SHEET C1.00. MAINTAIN FOR THE DURATION OF THE PROJECT.
 2. PERIMETER CONTROL: CONSTRUCT PERIMETER CONTROL/SEDIMENT BARRIER. REFER TO DETAILS 5 AND 6 SHEET C1.00 FOR PERIMETER CONTROL OPTIONS AND DETAILS.

EROSION SEDIMENTATION CONTROL LEGEND

	SEDIMENT BARRIER: CONTINUOUS BIO BERM, COMPOST SOCK, FILTER SOCK, FILTER ROLL, OR SEDIMENT FENCING
	APPROXIMATE LIMITS OF CONSTRUCTION / MAJOR SOIL DISTURBANCE
	EXISTING INLET TO BE PROTECTED

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SITE PLAN GENERAL NOTES:
1. OBTAIN PERMITS AND CONFORM TO APPLICABLE CODES FOR DEMOLITION, FILL, AND RESTORATION WORK. 2. REFER TO EROSION CONTROL DRAWINGS FOR CONSTRUCTION EROSION CONTROL REQUIREMENTS. 3. PROTECT EXISTING FEATURES TO REMAIN. 4. FILL MATERIALS: A. ENGINEERED FILL, AS DEFINED BELOW, SHALL BE USED TO FILL THE BASEMENT AREAS TO THE FULL DEPTH. ENGINEERED FILL SHALL BE EXTENDED TO MATCH EXISTING ADJACENT FINISHED SURFACES TO PROVIDE A COMPACTED PAD SUITABLE FOR PARKING. B. ENGINEERED FILL TO CONSIST OF THE FOLLOWING: 1. GRANULAR SITE FILL: A. IMPORTED, CLEAN 3 INCH MINUS, WELL-GRADED MIXTURES OF SAND, GRAVEL, AND COBBLES. ANGULAR ROCK WILL BE REQUIRED IF GRANULAR SITE FILL IS PROVIDED, PLACED, AND USED DURING WET WEATHER CONDITIONS. B. PROVIDE GRANULAR SITE FILL AT LOWER LEVELS UP TO 12 INCHES BELOW FINISHED GRADE. C. PLACE GRANULAR SITE FILL IN 18-INCH MAXIMUM LOOSE LIFTS AND COMPACT TO A MINIMUM DENSITY OF 98 PERCENT RELATIVE COMPACTION PER A MAXIMUM DRY DENSITY OF ASTM D698 (LATEST REVISION) AT AN OPTIMUM MOISURE CONTENT OF +/- 2 PERCENT. FILL WHICH CANNOT BE TESTED SHALL BE COMPACTED TO THE APPROVAL OF THE ARCHITECT OR GEOTECHNICAL ENGINEER. 2. SELECT FILL (CRUSHED ROCK FILL): A. IMPORTED, CLEAN 3/4" - 0, 1/4" OR 1-1/2" - 0 CRUSHED ROCK OR CRUSHED GRAVEL, FREE FROM FOREIGN MATERIAL AND CONFORMING TO THE REQUIREMENTS OF ODOT STANDARD SPECIFICATION (LATEST REVISION) 02630. B. PROVIDE A MINIMUM DEPTH OF 12 INCHES OF SELECT FILL OVER THE GRANULAR SITE FILL TO MEET FINISHED GRADE. C. PLACE SELECT FILL IN 12-INCH MAXIMUM LOOSE LIFTS AND COMPACT TO A MINIMUM DENSITY OF 98 PERCENT RELATIVE COMPACTION PER A MAXIMUM DRY DENSITY OF ASTM D698 (LATEST REVISION) AT AN OPTIMUM MOISURE CONTENT OF +/- 2 PERCENT. C. FILL IN AREAS OUTSIDE OF THE BASEMENT FOOTPRINT AND IN AREAS TO RECIEVE LANDSCAPING SHALL CONSIST OF THE FOLLOWING: 1. LOAM: IMPORTED, WITH AT LEAST 10 PERCENT HUMUS, FREE FROM SUBSOIL, VEGETATIVE MATERIALS, SEED, LITTER, STIFF CLAY, STONES, ROOTS, OR DELETERIOUS SUBSTANCES. SOIL PARTICLES SHALL BE A MIX OF THE FOLLOWING MATERIALS: CLAY (15%-20%), SILT (0%-50%), AND SAND (50%-70%). 5. OBSERVATION OF THE PLACEMENT OF STRUCTURAL FILL LIFTS AND COMPACTION VERIFICATION TO BE PROVIDED BY THE OWNER'S GEOTECHNICAL ENGINEER OR SPECIAL INSPECTIONS PROVIDER. 6. REMOVE EXCESS FILL MATERIALS FROM SITE.

BUILDING B - INFILL SCOPE:
A. BASEMENT TO RECEIVE ENGINEERED FILL, FULL DEPTH. FINISHED WITH COMPACTED PAD SUITABLE FOR PARKING. B. INFILL AREAS OF SIDEWALK WITH NEW GRASS.

BUILDING F - INFILL SCOPE:
A. BASEMENT TO RECEIVE ENGINEERED FILL, FULL DEPTH. FINISHED WITH COMPACTED PAD SUITABLE FOR PARKING. B. INFILL AREAS OF SIDEWALK WITH NEW GRASS.

LEGEND:
<div> <div></div> <div>AREA OF ENGINEERED FILL</div> </div> <div> <div></div> <div>AREA OF GRASS INFILL</div> </div> <div> <div></div> <div>SCOPE OF WORK LINE</div> </div> <div> <div></div> <div>EXISTING FENCE</div> </div>

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revisions

phase date project

SITE PLAN

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08/08/2022

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