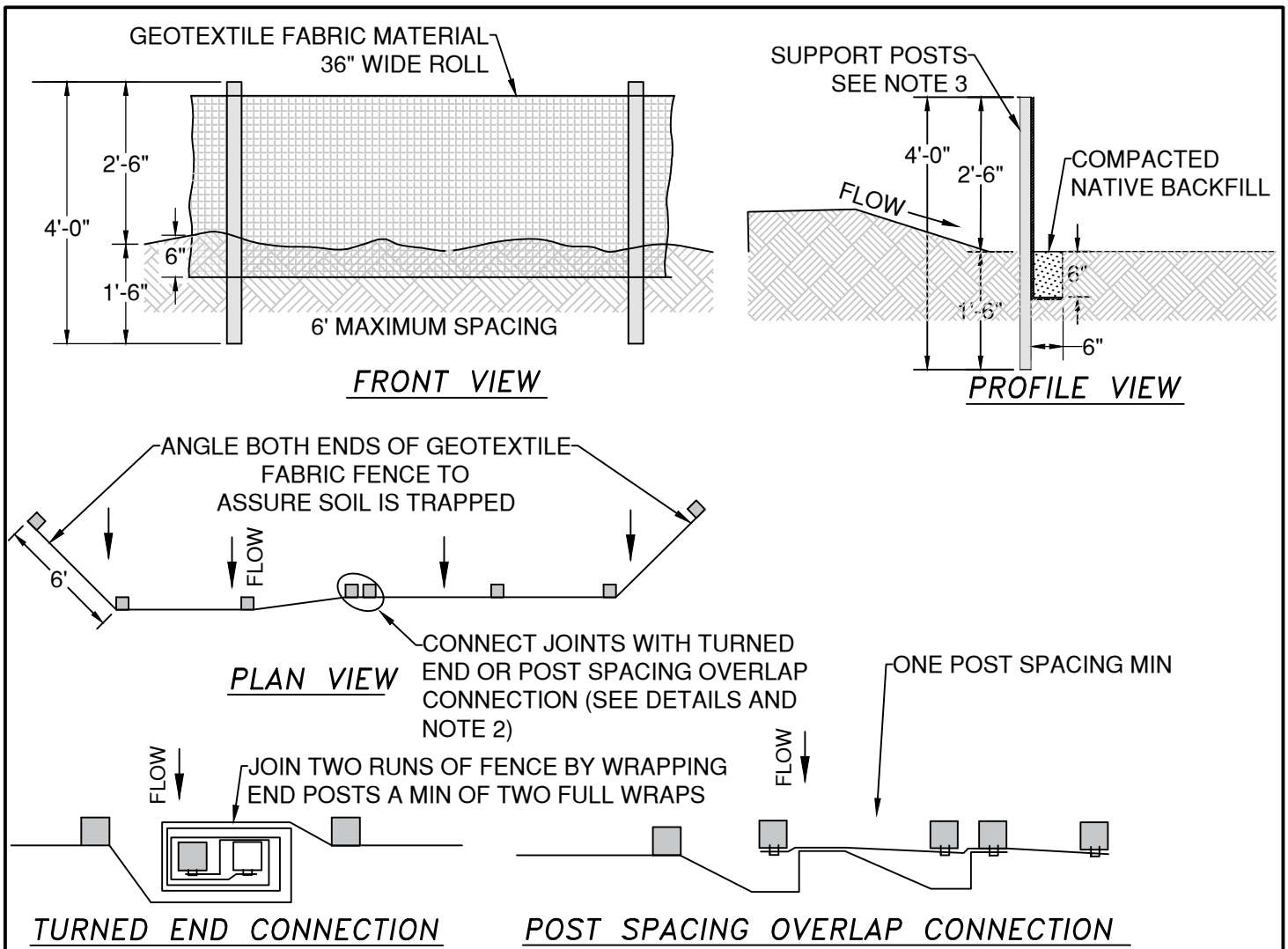


CITY OF BEND STANDARD DRAWINGS

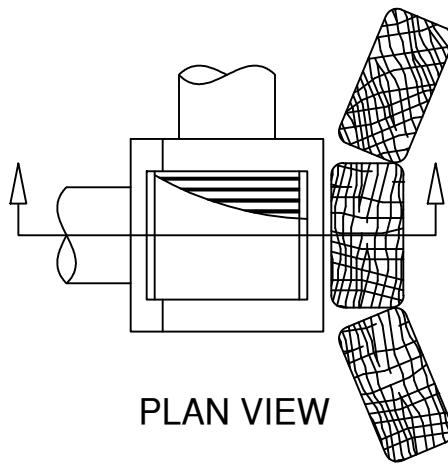
Erosion (E)



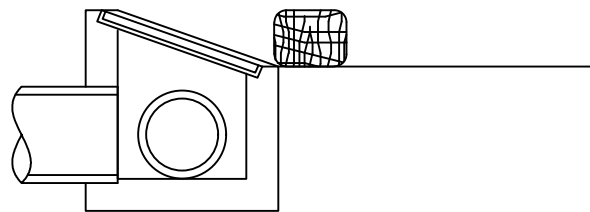
NOTES:

1. FABRIC WITHOUT SEWN-IN SLEEVES IS NOT RECOMMENDED. IF USED, INSTALL FENCE POSTS PER MANUFACTURER RECOMMENDATIONS.
2. THE GEOTEXTILE FABRIC SHALL BE PURCHASED IN A CONTINUOUS ROLL CUT TO THE LENGTH OF THE BARRIER TO AVOID USE OF JOINTS. WHEN JOINTS ARE NECESSARY, GEOTEXTILE SHALL BE SPLICED TOGETHER AT A SUPPORT POST UTILIZING A TURNED END OR POST SPACING OVERLAP CONNECTION.
3. THE FENCE POSTS SHALL BE SPACED A MAXIMUM OF 6 FEET APART AND INSTALLED INTO THE GROUND 18 INCHES MIN. FENCE POSTS SHALL BE 2" X 2" FIR, PINE, OR STEEL. THE GEOTEXTILE FABRIC FENCE SHALL BE INSTALLED TO FOLLOW THE SLOPE CONTOURS, TO MAXIMIZE PONDING EFFICIENCY WHERE FEASIBLE.
4. BURY BOTTOM OF THE GEOTEXTILE FABRIC 6 INCHES BELOW GRADE. BACKFILL AND COMPACT.
5. POSTS SHALL BE INSTALLED WITHIN THE SLEEVE ON THE UPHILL SIDE GEOTEXTILE FABRIC.
6. GEOTEXTILE FABRIC FENCE SHALL BE REMOVED WHEN IT HAS SERVED ITS USEFUL PURPOSE, BUT NOT BEFORE THE UPSLOPE AREA HAS BEEN PERMANENTLY PROTECTED AND STABILIZED.
7. GEOTEXTILE FABRIC FENCES SHALL BE INSPECTED BY APPLICANT/CONTRACTOR AFTER EACH RAIN OR SNOW EVENT AND AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REQUIRED REPAIRS SHALL BE MADE IMMEDIATELY.
8. MAXIMUM RECOMMENDED FENCE WIDTH IS 500 FEET. MAXIMUM TRIBUTARY AREA IS 0.25 ACRE PER 100' OF FENCE. MAXIMUM RECOMMENDED SLOPE LENGTH IS 100'.

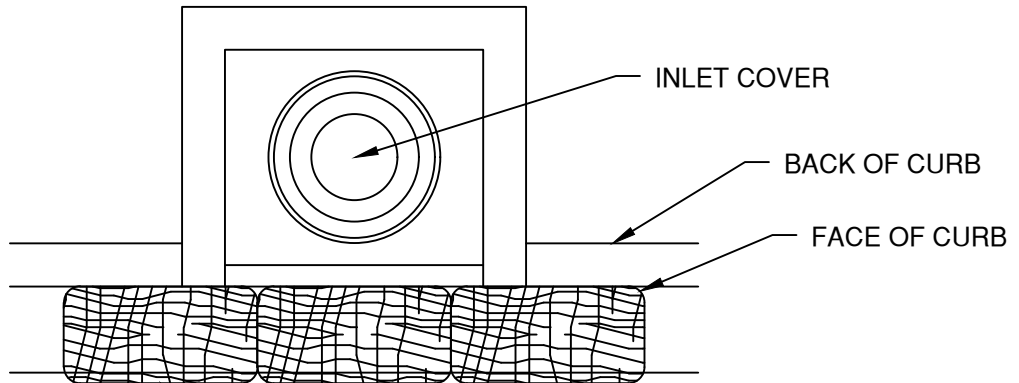
DRAWN AJD DIV EROSION REV DATE	 CITY OF BEND	CITY OF BEND STANDARD DRAWING 710 NW WALL ST., BEND, OREGON 97701	SCALE NTS DATE 01/31/2022 APPR STD DWG E-1
		SEDIMENT FENCE DETAIL	



PLAN VIEW



DITCH INLET



PLACE ONE ROW OF BIO-BAGS IN FRONT OF INLET
WITH $\frac{1}{2}$ THE BAG PAST THE INLET OPENING ON EACH SIDE

CURB INLET BIO-BAG INLET PROTECTION

NOTES:

1. ADDITIONAL MEASURES MUST BE CONSIDERED DEPENDING ON SOIL TYPES.
2. BIO-BAGS SHOULD BE STAKED WHERE APPLICABLE USING (2) 1"X2"X3' WOOD STAKES OR APPROVED EQUAL.
3. BIO-FILTER BAGS MUST BE REMOVED AND HAULED OFF-SITE FOR DISPOSAL BY THE CONTRACTOR UPON PROJECT STABILIZATION.
4. BIO-FILTER BAGS MAY BE USED SHORT TERM WITH UTILITY WORK AND WITH PHASING OF DEVELOPMENT.
5. APPROVED EQUAL SHALL BE USED ON ROADS WITH BIKE LANES
6. SEDIMENT BARRIERS SHALL BE MAINTAINED UNTIL UPHILL AREA IS PERMANENTLY STABILIZED.
7. AT NO TIME SHALL MORE THAN 2-INCHES OF SEDIMENT BE ALLOWED TO ACCUMULATE BEHIND BIO-FILTER BAGS.
8. NEW SEDIMENT BARRIERS SHALL BE INSTALLED AS REQUIRED TO CONTROL SEDIMENT TRANSPORT.

DRAWN AJD	
DIV EROSION	
REV	DATE



CITY OF BEND

CITY OF BEND

STANDARD DRAWING

710 NW WALL ST., BEND, OREGON 97701

BIO-FILTER BAG INLET PROTECTION

SCALE NTS

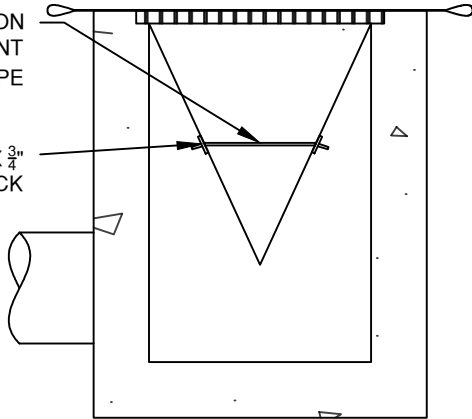
DATE 01/31/2022

APPR

STD DWG E-2A

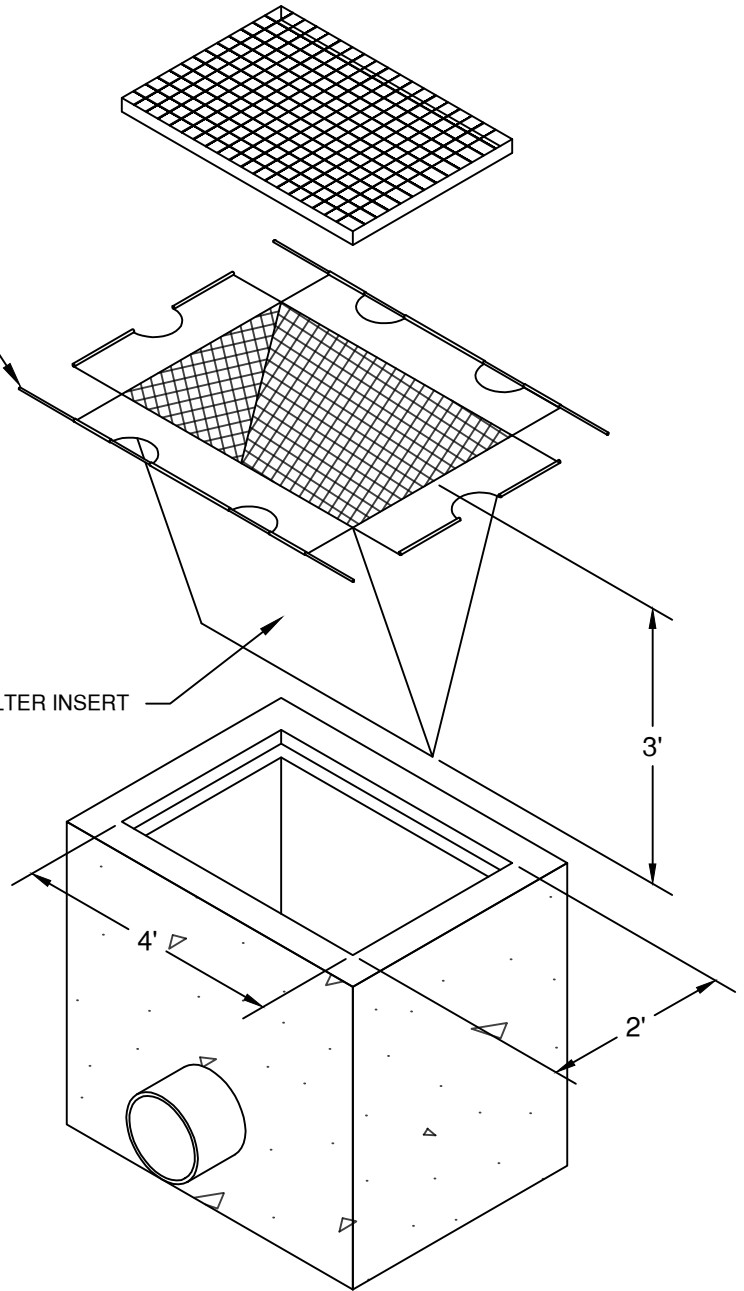
EXPANSION
RESTRAINT
1/4" NYLON ROPE

2" X 2" X 3/4"
RUBBER BLOCK



1" REBAR FOR BAG
REMOVAL FROM INLET

FILTER INSERT



NOTES:

1. INSTALL PRE-FABRICATED FILTER INSERTS ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.
2. FIELD FABRICATED INSERTS ARE NOT PERMITTED.
3. PRE-FABRICATED INSERTS WITH A PROVISION FOR OVERFLOW ARE REQUIRED AND ARE TO BE ACCOMPANIED BY ADDITIONAL BMPS TO PREVENT THE POTENTIAL OF SEDIMENTS ENTERING PROJECT STORM SYSTEMS.

DRAWN AJD
DIV EROSION
REV DATE



CITY OF BEND

CITY OF BEND

STANDARD DRAWING

710 NW WALL ST., BEND, OREGON 97701

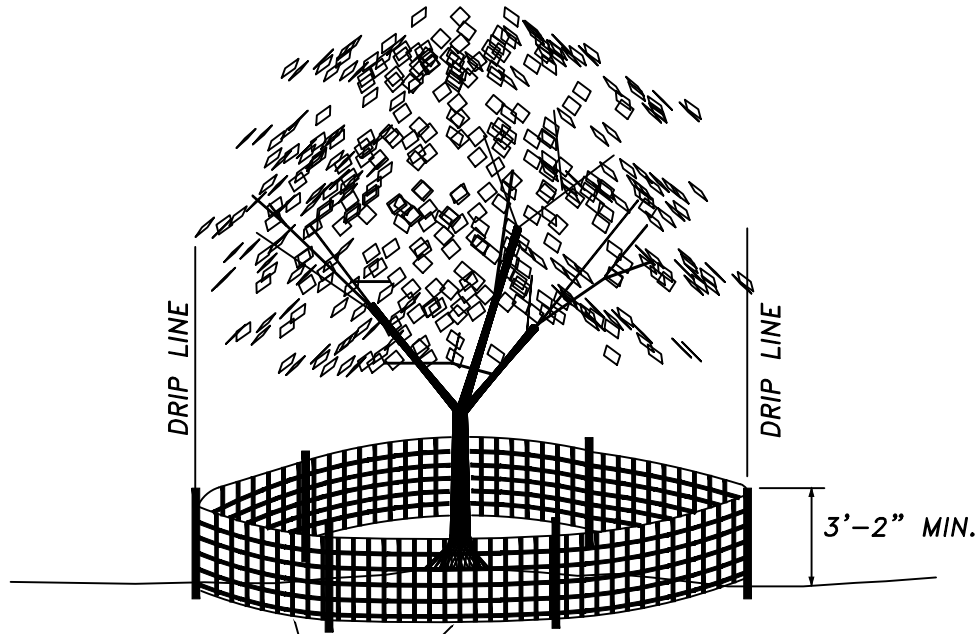
FILTER INSERT INLET PROTECTION

SCALE NTS

DATE 01/31/2022

APPR

STD DWG E-2B



PLACE ORANGE PLASTIC CONSTRUCTION FENCING AROUND TREE OR PROTECTED VEGETATION PERIMETERS AT DRIP LINE, PRIOR TO ANY CONSTRUCTION ACTIVITIES ON SITE.

NOTE:

1. USE WOOD OR METAL FENCE POSTS. POST SPACING & DEPTH SHALL BE INSTALLED TO ADEQUATELY SUPPORT THE FENCE IN AN UPRIGHT MANNER.
2. MAXIMUM FENCE OPENINGS SHALL BE 2"X2".

DRAWN LJC	
DIV EROSION	
REV	DATE
	12/1/17



CITY OF BEND

CITY OF BEND

STANDARD DRAWING

710 NW WALL ST., BEND, OREGON 97701

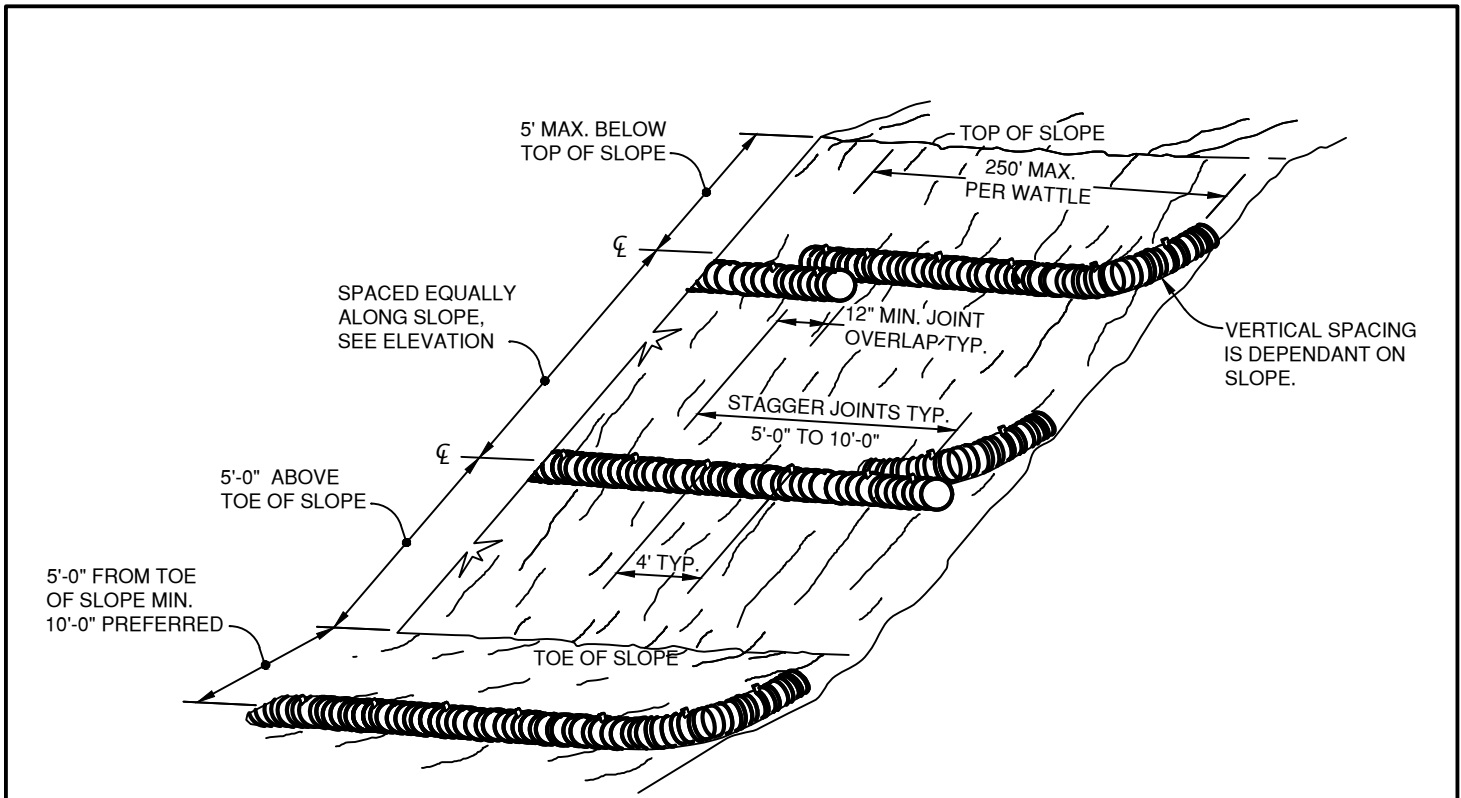
TREE/VEGETATION PROTECTION FENCING

SCALE NTS

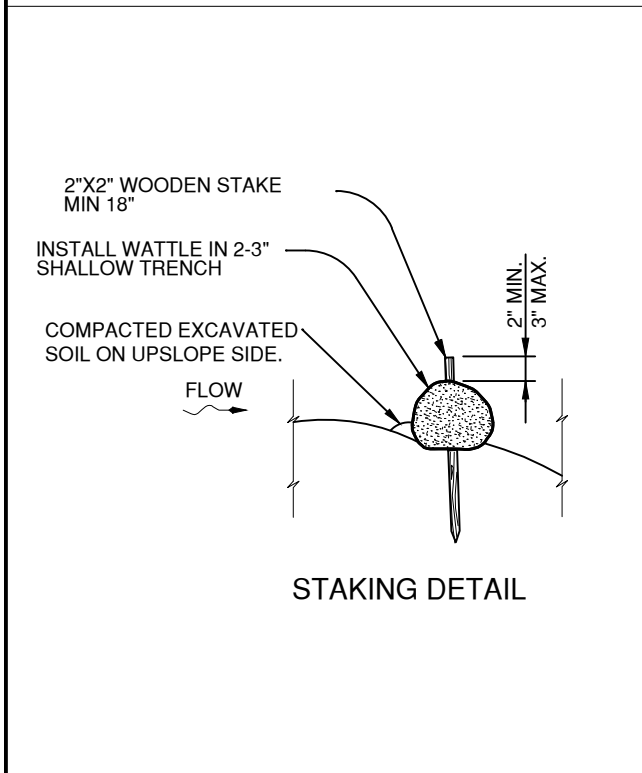
DATE 12/1/17

APPR

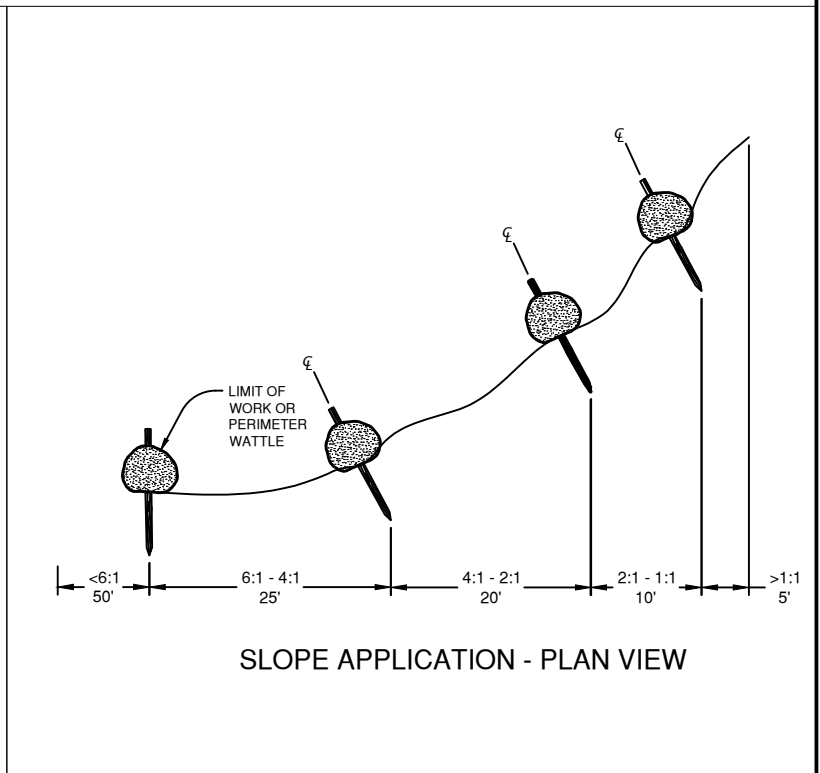
STD DWG E-3



SLOPE APPLICATION - PERSPECTIVE VIEW



STAKING DETAIL



SLOPE APPLICATION - PLAN VIEW

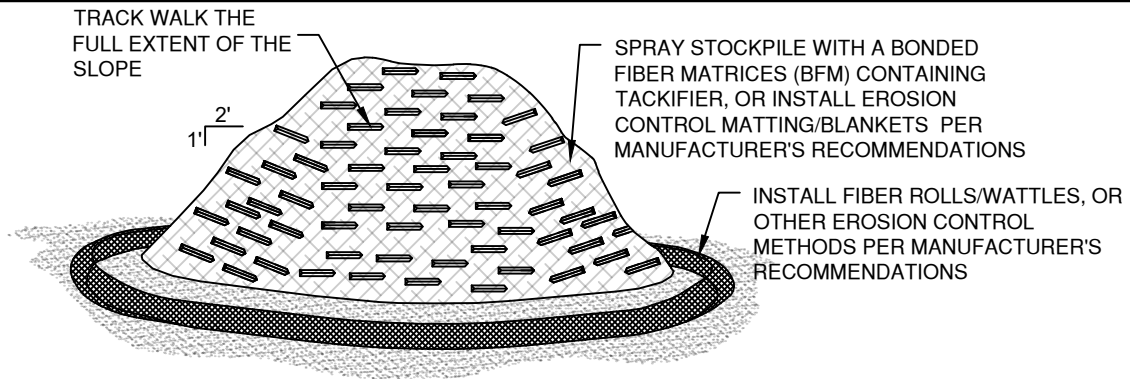
DRAWN AJD	
DIV EROSION	
REV	DATE



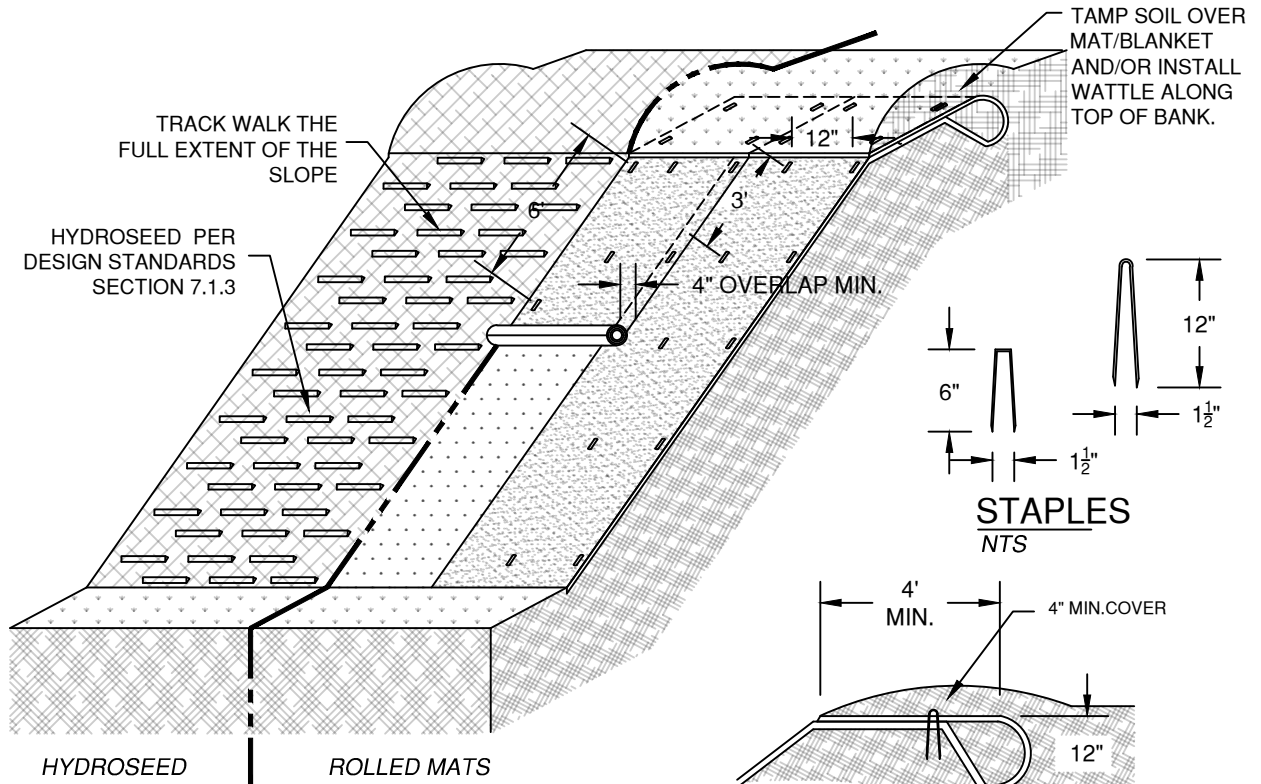
CITY OF BEND
 STANDARD DRAWING
 710 NW WALL ST., BEND, OREGON 97701

STRAW WATTLE

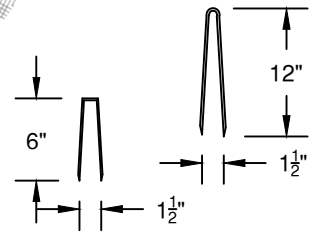
SCALE NTS
DATE 01/31/2022
APPR
STD DWG E-4



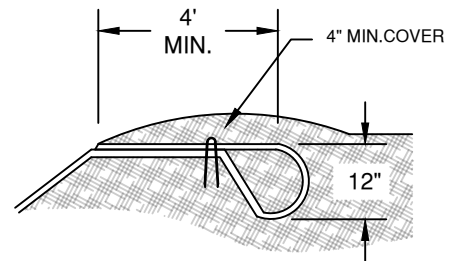
STOCKPILE STABILIZATION
NTS



ISOMETRIC VIEW
NTS



STAPLES
NTS



TOP BERM
NTS

NOTES:

1. PRIOR TO A SITE'S FINAL APPROVAL, ALL DISTURBED STEEP SLOPES MUST BE TREATED FOR LONG-TERM EROSION CONTROL. DISTURBED GROUND OF LESSER SLOPES SHALL BE TREATED FOR EROSION CONTROL IF SEDIMENTS HAS THE POTENTIAL TO LEAVE THE SITE.
2. MATS/BLANKETS SHOULD BE INSTALLED VERTICALLY DOWN SLOPE.
3. SLOPE SURFACE SHALL BE FREE OF ROCKS, AND ORGANIC DEBRIS.
4. MATS/BLANKETS SHALL HAVE GOOD SOIL CONTACT.
5. APPLY PERMANENT SEEDING BEFORE PLACING BLANKETS. LAY BLANKETS LOOSELY AND STAKE OR STAPLE TO MAINTAIN DIRECT CONTACT WITH SOIL. DO NOT STRETCH
6. INSTALL SEDIMENT CONTROLS (I.E. STRAW WATTLES) IN CONJUNCTION WITH EROSION CONTROLS (I.E. ROLLED MATS, OR HYDROSEED) AS REQUIRED TO CONTROL SEDIMENT TRANSPORT.

DRAWN A.JD	
DIV EROSION	
REV	DATE



CITY OF BEND

CITY OF BEND

STANDARD DRAWING

710 NW WALL ST., BEND, OREGON 97701

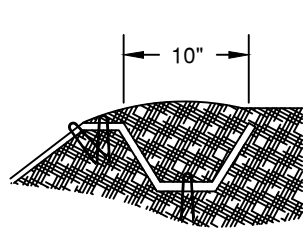
SLOPE / STOCKPILE STABILIZATION

SCALE NTS

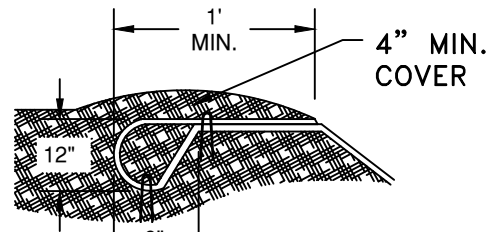
DATE 01/31/2022

APPR

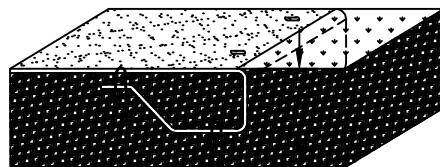
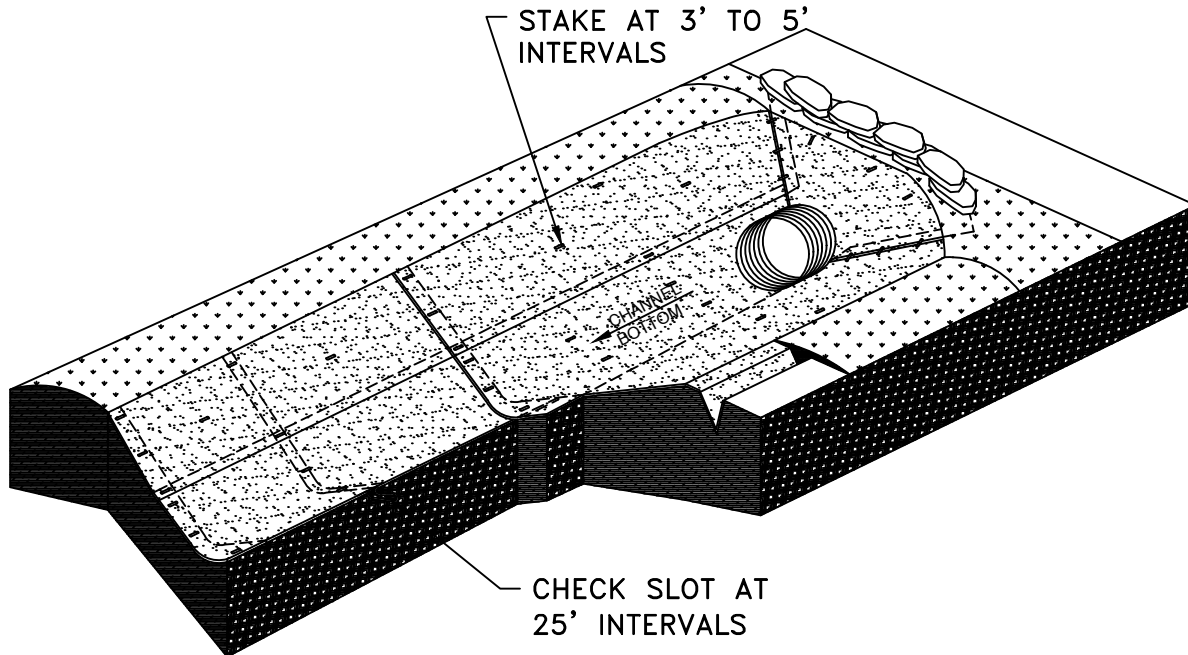
STD DWG E-5



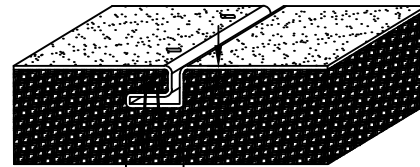
LONGITUDINAL ANCHOR TRENCH
NTS



TERMINAL SLOPE AND CHANNEL ANCHOR TRENCH
NTS



INITIAL ANCHOR TRENCH
NTS



INTERMITTENT CHECK SLOT
NTS

NOTES:

1. CHECK SLOTS TO BE CONSTRUCTED PER MANUFACTURERS RECOMMENDATIONS.
2. STAKING OR STAPLING LAYOUT PER MANUFACTURERS RECOMMENDATIONS.
3. SLOPE SURFACE SHALL BE FREE OF ROCKS, CLODS, STICKS, AND GRASS. MATS/BLANKETS SHALL HAVE GOOD SOIL CONTACT.
4. APPLY PERMANENT SEEDING BEFORE PLACING BLANKETS.
5. LAY BLANKETS LOOSELY AND STAKE OR STAPLE TO MAINTAIN DIRECT CONTACT WITH SOIL. DO NOT STRETCH.

CHANNEL STABILIZATION
NTS

DRAWN LJC	
DIV EROSION	
REV	DATE
	12/1/17



CITY OF BEND

CITY OF BEND
STANDARD DRAWING

710 NW WALL ST., BEND, OREGON 97701

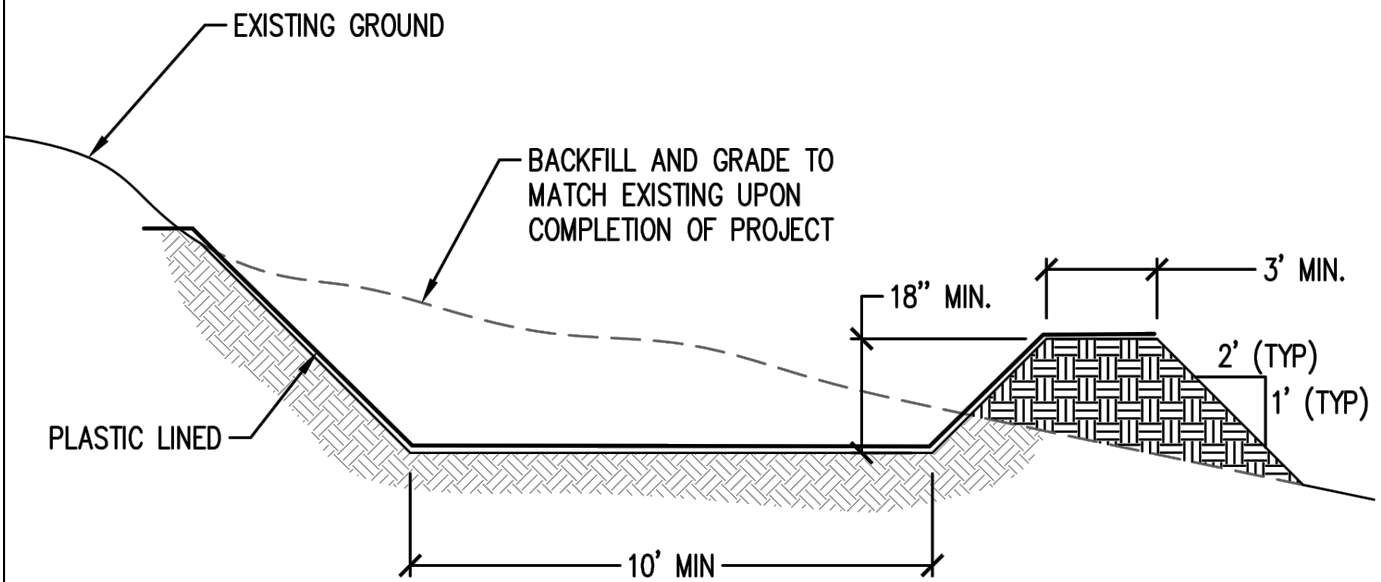
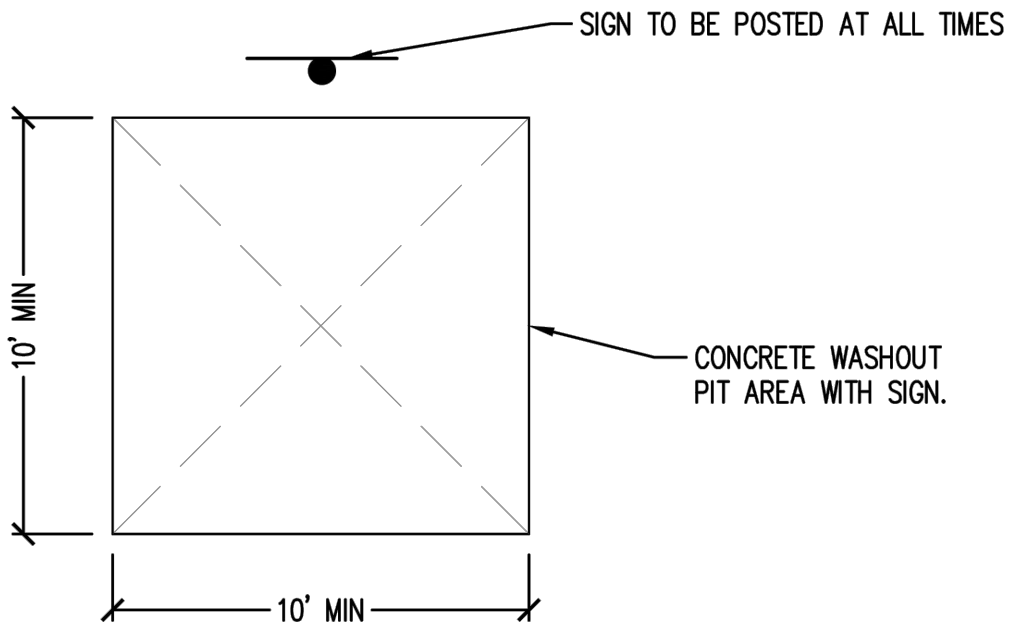
EROSION BLANKET - CHANNEL INSTALLATION

SCALE NTS

DATE 10/01/21


APPR

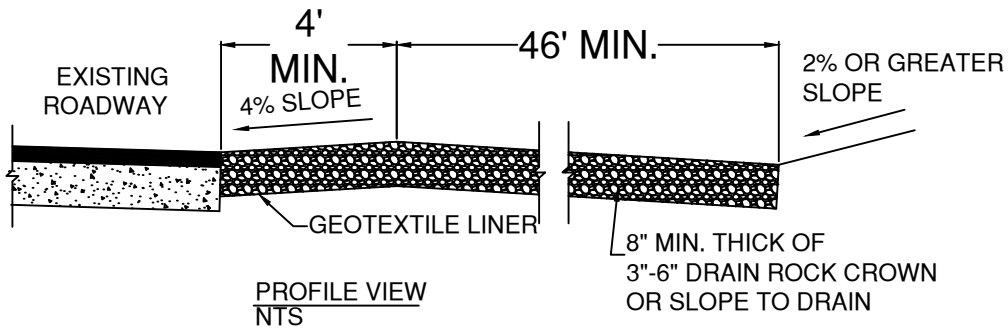
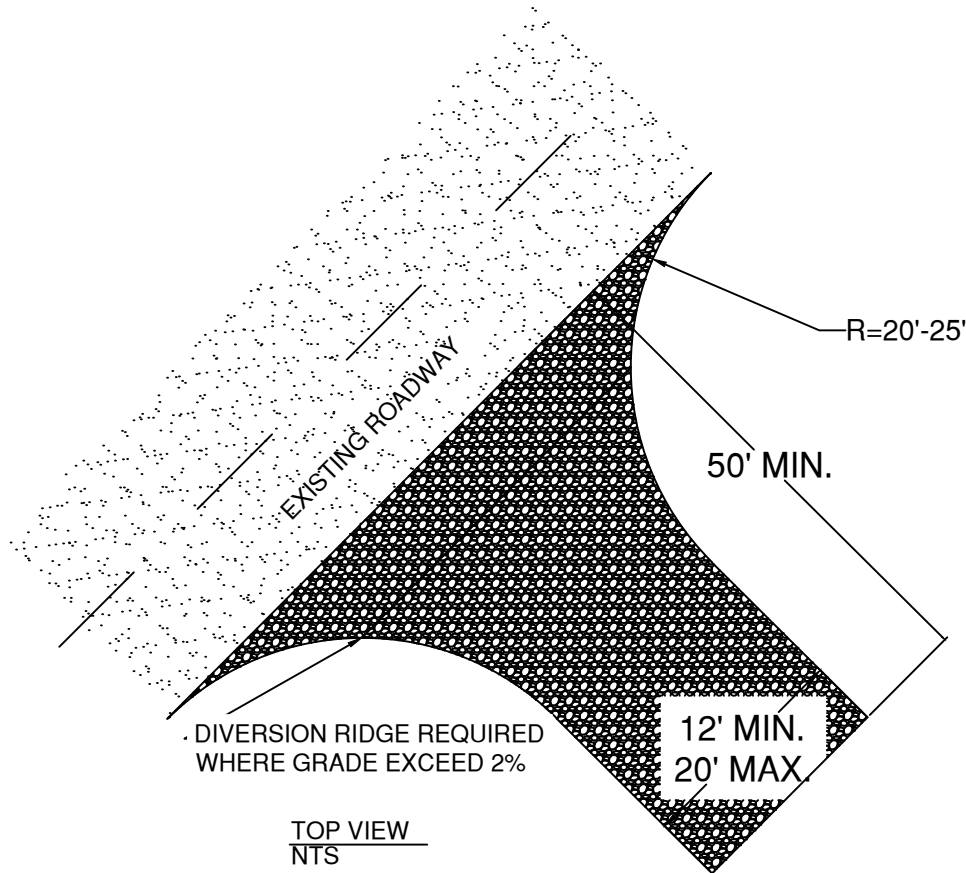
STD DWG E-6



NOTES:

1. REMOVE AND LEGALLY DISPOSE OF WASTE MATERIAL WHEN IT ACCUMULATES TO $\frac{2}{3}$ OF WET STORAGE CAPACITY OF PIT.
2. CONCRETE WASHOUT AREA TO BE REPAIRED AND/OR ENLARGED AS NECESSARY TO MAINTAIN CAPACITY FOR CONCRETE.
3. UPON COMPLETION OF CONSTRUCTION ACTIVITIES REQUIRING CONCRETE WASHOUT, THE WASHOUT SHALL BE REMOVED AND THE AREA RESTORED TO FINISH GRADE AND EXISTING CONDITION.
4. CONTRACTOR SHALL TAKE PRECAUTIONS SO AS TO NOT OVERFLOW PIT.

DRAWN LJC DIV EROSION REV DATE	 CITY OF BEND	CITY OF BEND STANDARD DRAWING 710 NW WALL ST., BEND, OREGON 97701	SCALE NTS DATE 12/1/17 APPR STD DWG E-7
		CONCRETE TRUCK WASHOUT	



NOTES:

1. CONSTRUCTION ENTRANCE TO BE INSTALLED PRIOR TO ANY OTHER WORK ON SITE AND IS APPLICABLE AT ALL POINTS OF INGRESS AND EGRESS UNTIL SITE IS STABILIZED.
2. TIRE WASH FACILITY MAY BE REQUIRED ON SITE TO PREVENT TRACKING ONTO EXISTING ROADWAY. IF REQUIRED, CONSTRUCT TIRE WASH FACILITY PER ODOT STD DWG RD1060.
3. THE CONSTRUCTION AND USE OF THIS ENTRANCE IN NO WAY NEGATES THE CONTRACTOR'S RESPONSIBILITIES TO PREVENT TRACKING OF MATERIAL ONTO EXISTING ROADWAY.
4. MUST BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR DIRECT FLOW OF MUD/SEDIMENT ONTO STREETS. PERIODIC TOP DRESSING WITH STONE AND/OR CLEANOUT OR REPAIR SHALL BE NECESSARY.
5. ANY MATERIAL THAT STILL MAKES IT ONTO THE ROAD MUST BE SWEEPED UP IMMEDIATELY. WASHING THE STREET IS NOT PERMITTED.

DRAWN AJD	
DIV EROSION	
REV	DATE



CITY OF BEND

CITY OF BEND

STANDARD DRAWING

710 NW WALL ST., BEND, OREGON 97701

GRAVEL CONSTRUCTION ENTRANCE

SCALE NTS

DATE 01/31/2022

APPR

STD DWG E-8