GENERAL NOTES:

- 1). IT IS THE INTENT OF THE INFORMATION PROVIDED ON THIS SHEET AND WITHIN THE SPECIFICATIONS TO BE USED AS THE GENERAL GUIDELINES OF THE STORM WATER POLLUTION PREVENTION PLAN FOR THIS PROJECT TO ESTABLISH A MINIMUM BASIS OF THE COMPLIANCE WITH TPDES REGULATIONS. THE CONTRACTOR SHALL FILE NOTICE OF INTENT (NOI) TO BE COVERED BY TDPES CONSTRUCTION GENERAL PERMIT, TXR 150000.
- 2). THE STORM WATER POLLUTION PREVENTION PLAN SHOULD ADDRESS THREE GOALS: TO DIVERT WATER FROM UPSLOPE AREAS AROUND DISTURBED AREAS OF THE SITE, TO LIMIT EXPOSURE OF DISTURBED AREAS TO THE SHORTEST DURATION POSSIBLE, AND TO REMOVE SEDIMENT FROM STORM WATER BEFORE IT LEAVES THE SITE.
- 3). THE CONTRACTOR SHALL MAKE THE STORM WATER POLLUTION PREVENTION PLAN AVAILABLE, UPON REQUEST, TO
- 4). THE CONTRACTOR MUST AMEND THE STORM WATER POLLUTION PREVENTION PLAN WHENEVER THERE IS A CHANGE IN DESIGN, CONSTRUCTION, OPERATION, OR MAINTENANCE OF THE PLAN, OR WHEN THE EXISTING PLAN PROVES INEFFECTIVE. MODIFICATIONS INCLUDING DESIGN AND ALL ADDITIONAL MATERIALS AND WORK SHALL BE ACCOMPLISHED BY THE CONTRACTOR AT NO ADDITIONAL EXPENSE TO THE OWNER. NO CHANGE TO EROSION CONTROL MEASURES SHOWN ON THESE PLANS AND SPECIFICATIONS SHALL BE MADE WITHOUT CONSENT OF
- 5). STABILIZATION MEASURES ARE TO BE INSPECTED AT A MINIMUM OF ONCE EVERY SEVEN DAYS AND WITHIN 24 HOURS AFTER ANY STORM EVENT GREATER THAN 0.5 INCHES. REPAIRS OF INADEQUACIES REVEALED BY THE INSPECTIONS MUST BE IMPLEMENTED WITHIN SEVEN CALENDAR DAYS FOLLOWING THE INSPECTION
- 6). AN INSPECTION REPORT THAT SUMMARIZES INSPECTION ACTIVITIES AND IMPLEMENTATION OF THE STORM WATER POLLUTION PREVENTION PLAN SHALL BE MAINTAINED AND MADE PART OF THE PLAN.
- ALL CONTRACTORS AND SUBCONTRACTORS IDENTIFIED IN THE PLAN MUST CERTIFY AS TO AN UNDERSTANDING OF THE NPDES CONSTRUCTION GENERAL PERMIT BEFORE CONDUCTING ANY ACTIVITY IDENTIFIED IN THE STORM WATER POLLUTION PREVENTION PLAN.
- 8). THE CONTRACTOR SHALL ADOPT APPROPRIATE CONSTRUCTION SITE MANAGEMENT PRACTICES TO PREVENT THE DISCHARGE OF OILS, GREASE, PAINTS, GASOLINE, AND OTHER POLLUTANTS TO STORM WATER. APPROPRIATE PRACTICES CAN INCLUDE: DESIGNATING AREAS FOR EQUIPMENT MAINTENANCE AND REPAIR, REGULAR COLLECTION OF WASTES, CONVENIENTLY LOCATED WASTE RECEPTACLES, AND DESIGNATING AND CONTROL
- 9). THE CONTRACTOR SHALL AMEND OR MODIFY THIS PLAN AS REQUIRED BY CONSTRUCTION MEANS, METHODS, AND SEQUENCE. MODIFICATIONS SHALL NOT COMPROMISE THE INTENT OF THE REQUIREMENTS OF THE LAW AND THIS PLAN. MODIFICATIONS SHALL NOT BE BASIS FOR ADDITIONAL COST TO THE OWNER.
- 10). AREAS OF CONSTRUCTION ELSEWHERE ON THE JOB SITE SHALL CONFORM TO THE DETAILS SHOWN ON THE PLANS.
- 11). BORROW AREAS, IF EXCAVATED, SHALL BE PROTECTED AND STABILIZED UTILIZING THE PLAN DETAILS. ALL WORK SHALL CONFORM TO GOVERNMENTAL REQUIREMENTS AND BECOME PART OF THE STORM WATER POLLUTION PREVENTION PLAN. THIS WORK SHALL BE DONE BY THE CONTRACTOR AT NO ADDITIONAL EXPENSE TO THE
- 12). ALL NON-PAVED AREAS SHALL BE MULCHED AND SEEDED WITH EROSION PROTECTION IMMEDIATELY UPON COMPLETION OF FINAL GRADING. THIS INCLUDES ALL DITCHES AND EMBANKMENTS. THE CONTRACTOR SHALL MAINTAIN THE FINAL GRADING AND KEEP SEEDED AREAS WATERED UNTIL FULLY ESTABLISHED AND ACCEPTED BY THE OWNER; EROSION PROTECTION SHALL BE CONSTRUCTED AS DETAILED ON THIS SHEET
- 13). THE CONTRACTOR SHALL CONSTRUCT A STABILIZED CONSTRUCTION EXIT AT ALL TRAFFIC EXIT POINTS PRIOR TO EXITING ONTO ANY PAVED ROADWAY. EXIT SHALL BE CONSTRUCTED AS DETAILED ON THIS SHEET.
- 14). THE CONTRACTOR SHALL CONSTRUCT A SILT FENCE AT ALL LOCATIONS SHOWN ON THE PLANS. THE SILT FENCE SHALL BE CONSTRUCTED AS DETAILED ON THIS SHEET.
- 15). THE CONTRACTOR SHALL DESIGNATE MATERIAL AND EQUIPMENT STORAGE AREAS MUTUALLY AGREED TO BY THE OWNER. THE STORAGE AREAS SHALL BE GRADED FOR POSITIVE DRAINAGE AND THE SURFACE STABILIZED WITH A MINIMUM OF TWO INCHES OF CRUSHED ROCK OR GRAVEL. REINFORCED FILTER BARRIER SHALL BE INSTALLED AROUND THE STORAGE AREAS TO PREVENT ANY EROSION FROM LEAVING THE SITE.
- 16). TRASH BINS AND PORTABLE TOILETS TO BE FIELD LOCATED BY CONTRACTOR

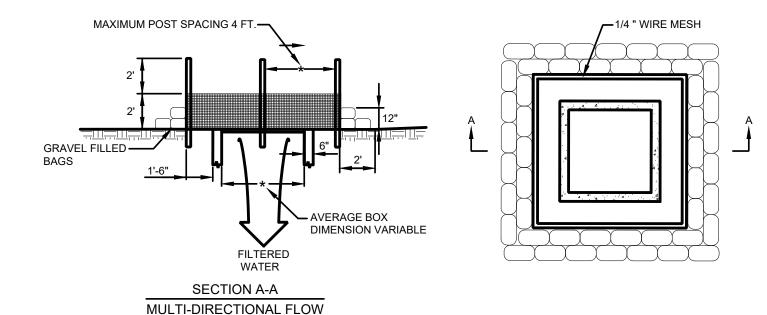
NOTES:

- 1. ALL DISTURBED AREAS SHALL BE SEEDED AT A RATE OF 20 LBS/ACRE FOXTAIL MILLET, 2 LBS/ACRE BUFFALO GRASS, 1 LBS/ACRE LITTLE BLUESTEM, AND 1 LBS/ACRE SIDE OATS GRAMMA, OR OTHER DROUGHT TOLERANT MIXTURE APPROVED BY THE CITY ENGINEER. ALL SEEDED AREAS SHALL BE FERTILIZED AS SPECIFIED BY THE CITY OF MIDLAND PARKS DEPARTMENT AT TIME OF PLANTING.
- 2. AFTER DESIGNATED AREAS HAVE BEEN COMPLETED TO THE GRADES SHOWN ON THE PLANS, AREAS TO BE SEEDED SHALL BE CULTIVATED TO A DEPTH OF 4 INCHES, EXCEPT WHERE SEEDING IS TO BE DONE USING A SEED DRILL SUITABLE FOR SEEDING INTO UNTILLED SOIL. THE SEEDBEDS SHALL BE CULTIVATED SUFFICIENTLY TO REDUCE THE SOIL TO A STATE OF GOOD TILTH WHEN THE SOIL PARTICLES ON THE SURFACE ARE SMALL ENOUGH TO LIE CLOSELY ENOUGH TOGETHER TO PREVENT THE SEED FROM BEING COVERED TOO DEEPLY FOR OPTIMUM GERMINATION. CULTIVATION OF THE SEEDBED WILL NOT BE REQUIRED IN LOOSE SAND WHERE DEPTH OF SAND IS 4 INCHES OR MORE.
- 3. AFTER SEEDING, THE CHANNEL EMBANKMENTS SHALL BE LINED WITH A STRAW OR STRAW/COCONUT SOIL RETENTION BLANKET. THE FOLLOWING PRODUCTS, OR AN EQUAL APPROVED BY THE CITY ENGINEER MAY BE USED; ECS S-1 STANDARD STRAW ECS HIGH VELOCITY STRAW
- LANDLOK BON-TERRA S2, ENS2 OR ENCS2 NORTH AMERICAN GREEN S75, S75BN, S150, S150BN, OR SC150
- ALTERNATELY, SOILGUARD BONDED FIBER MATRIX MAY BE USED.

MANUFACTURERS RECOMMENDATIONS.

- 4. BLANKETS SHALL LIE PARALLEL TO THE DIRECTION OF WATER FLOW. BLANKETS SHALL BE SPREAD EVENLY WITHOUT STRETCHING SO FIBERS ARE IN DIRECT CONTACT WITH THE SOIL.
- 5. THE UPSLOPE END OF EACH BLANKET SHOULD BE BURIED AT LEAST 6 INCHES IN A VERTICAL TRENCH WITH THE SOIL PRESSED FIRMLY AGAINST THE EMBEDDED MAT. ADDITIONAL CHECK TRENCHES AT 50 FEET INTERVALS MAY BE DESIRABLE ON STEEP GRADES OR LONG FLOW AREAS.
- 6. STRIP ENDS AND END OVERLAPS SHOULD BE STAPLED WITH NOT MORE THAN 20 INCHES BETWEEN STAPLES. ALL OTHER JOINTS AND EDGES SHOULD BE STAPLED AT 40 INCH
- 7. STAPLES USED TO ANCHOR BLANKETS SHOULD BE U SHAPED, 11 GAUGE OR HEAVIER STEEL WIRE HAVING A SPAN WIDTH OF 1 INCH AND A LENGTH OF 6 INCHES OR MORE FORM TOP TO BOTTOM AFTER BENDING.
- 9. DISTURBED AREAS OUTSIDE THE CHANNEL SHALL BE TREATED WITH A HYDRAULICALLY-APPLIED MULCH AT A RATE OF 2,000 LBS/ACRE.

8. IF SOILGUARD BONDED FIBER MATRIX IS CHOSEN, INSTALLATION SHALL CONFORM TO

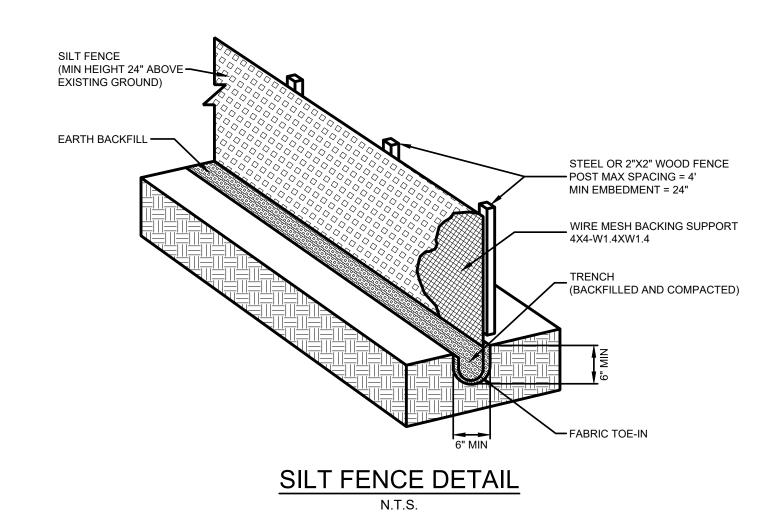


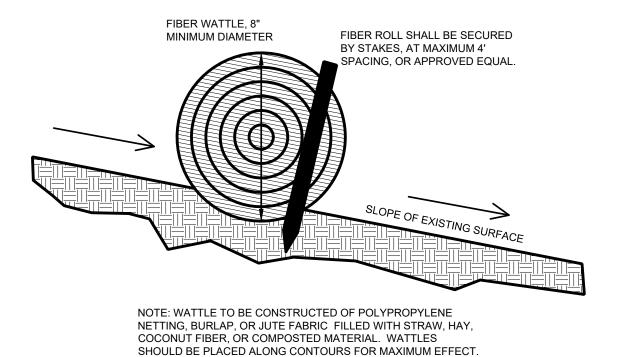
- 1. SEDIMENT CONTROL STONE SHALL BE NO. 5
- OR NO. 57. 2. WIRE MESH SHALL BE HARDWARE CLOTH 23 GAUGE MIN. AND SHALL HAVE 1/4 INCH
- MESH OPENINGS. 3. TOP OF WIRE MESH SHALL BE A MINIMUM OF ONE FOOT BELOW THE SHOULDER OR ANY
- DIVERSION POINT. 4. STEEL POST SHALL BE 5 FT. IN HEIGHT, BE
- INSTALLED 1.5 FT. DEEP MINIMUM, AND BE OF THE SELF-FASTENER ANGLE STEEL TYPE. 5. WOOD POST SHALL BE 6 FT. IN HEIGHT, BE INSTALLED TO 1.5 FT. DEEP MINIMUM, AND BE
- 3 INCHES IN DIAMETER. 6. POST SPACING SHALL BE A MAXIMUM OF 4 FT.

WIRE MESH AND GRAVEL BAG **GRATE INLET PROTECTION** N.T.S.

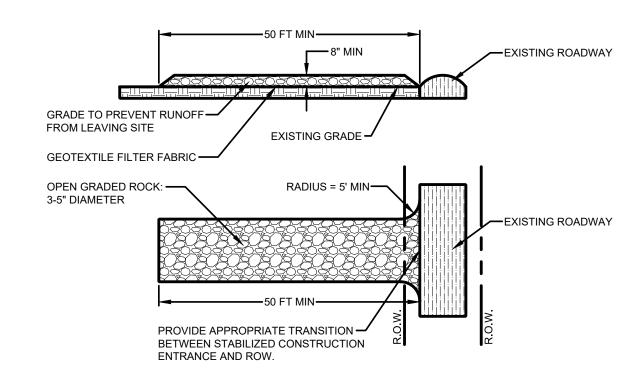
SILT FENCE NOTES:

- 1. STEEL OR WOOD POSTS, WHICH SUPPORT THE SILT FENCE, SHALL BE INSTALLED WITH A SLIGHT ANGLE TOWARD THE ANTICIPATED RUNOFF SOURCE. POSTS MUST BE EMBEDDED A MINIMUM OF TWO FEET.
- 2. THE TOE OF THE SILT FENCE SHALL BE TRENCHED IN WITH A SPADE OR MECHANICAL TRENCHER, SO THAT THE DOWNSLOPE FACE OF THE TRENCH IS FLAT AND PERPENDICULAR TO THE LINE OF FLOW. WHERE FENCE CANNOT BE TRENCHED IN (E.G. PAVEMENT), WEIGHT FABRIC FLAP WITH WASHED GRAVEL ON UPHILL SIDE TO PREVENT FLOW UNDER
- 3. THE TRENCH MUST BE A MINIMUM OF 6 INCHES DEEP AND 6 INCHES WIDE TO ALLOW FOR THE SILT FENCE FABRIC TO BE LAID IN THE GROUND AND BACKFILLED WITH COMPACTED MATERIAL.
- 4. SILT FENCE SHOULD BE SECURELY FASTENED TO EACH STEEL SUPPORT POST OR TO WOVEN WIRE, WHICH IN TURN ATTACHED TO THE STEEL OR WOOD FENCE POST. THERE SHALL BE A 6-INCH DOUBLE OVERLAP, SECURELY FASTENED
- 5. SILT FENCE SHALL BE REMOVED WHEN THE SITE IS COMPLETELY STABILIZED SO AS NOT TO BLOCK OR IMPEDE STORM
- 6. ACCUMULATED SILT SHALL BE REMOVED WHEN IT REACHES A DEPTH OF 6 INCHES. THE SILT SHALL BE DISPOSED OF ONSITE IN AN APPROVED LOCATION AND IN SUCH A MANNER AS TO NOT CONTRIBUTE TO ADDITIONAL SILTATION.





FIBER WATTLE EROSION **CONTROL DEVICE** N.T.S.



1. LENGTH SHALL BE AS SHOWN ON THE CONSTRUCTION DRAWINGS, BUT NOT LESS THAN 50 FT. 2. THICKNESS SHALL BE NO LESS THAN 8 INCHES. 3. WIDTH SHALL BE NO LESS THAN FULL WIDTH OF ALL POINTS OF INGRESS OR EGRESS.

4. STABALIZED CONSTRUCTION EXIT TO BE REMOVED UPON COMPLETION OF CONSTRUCTION.

STABILIZED CONSTRUCTION EXIT N.T.S.

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