S.E. 1/4, SEC. 27, T. 21 Z., R. 4 E.,

WET WEATHER CLEARING REQUIREMENTS KCC 16.82.1500

CONSTRUCTION PROJECTS CAN BE A SIGNIFICANT CONTRIBUTOR OF WETLANDS. THEREFORE, FROM OCTOBER 1 THROUGH MARCH 31. POLLUTION TO

- CLEARING AND GRADING SHALL ONLY BE PERMITTED IF SHOWN TO THE SATISFACTION OF THE DIRECTOR THAT SILT—LADEN RUNOFF EXCEEDING STANDARDS IN KING COUNTY SURFACE WATER DESIGN MANUAL WILL BE PREVENTED FROM LEAVING THE CONSTRUCTION SITE THROUGH A COMBINATION OF THE FOLLOWING:
- SITE CONDITIONS INCLUDING VEGETATIVE COVERAGE, SLOPE, SOIL TYPE AND PROXIMITY RECEIVING WATERS;
- B. LIMITATIONS ON ACTIVITIES AND THE EXTENT OF DISTURBED AREAS; AND PROPOSED EROSION AND SEDIMENTATION CONTROL MEASURES.
- THE DIRECTOR SHALL SET FORTH IN WRITING THE BASIS FOR APPROVAL OR DENIAL GRADING DURING THIS PERIOD.
- CLEARING AND GRADING WILL BE ALLOWED ONLY IF THERE IS INSTALLATION AND MAINTENANCE OF AN EROSION AND SEDIMENTATION CONTROL PLAN APPROVED BY THE DEPARTMENT WHICH SHALL DEFINE ANY LIMITS ON CLEARING AND GRADING OR SPECIFIC EROSION AND SEDIMENT CONTROL MEASURES REQUIRED DURING THIS PERIOD. ALTERNATE BEST MANAGEMENT PRACTICES MAY BE APPROVED OR REQUIRED ON—SITE BY THE INSPECTOR.
- IF, DURING THE COURSE OF CONSTRUCTION, SILT—LADEN RUNOFF EXCEEDING STANDARDS IN THE KING COUNTY SURFACE WATER DESIGN MANUAL LEAVES THE CONSTRUCTION SITE OR IF CLEARING AND GRADING LIMITS OR EROSION AND SEDIMENT CONTROL MEASURES SHOWN IN THE APPROVED PLAN ARE NOT MAINTAINED, A NOTICE OF VIOLATION SHALL BE ISSUED.
- IF THE EROSION AND SEDIMENT CONTROL PROBLEM DEFINED IN THE VIOLATION IS NOT ADEQUATELY REPAIRED WITHIN TWENTY—FOUR HOURS OF THE NOTICE OF VIOLATION, THEN A NOTICE AND ORDER BE ISSUED BY THE INSPECTOR TO INSTALL ADEQUATE EROSION AND SEDIMENT CONTROL MEASURES STOP SILT—LADEN RUNOFF FROM LEAVING THE SITE. THE NOTICE AND ORDER MAY ALSO REQUIRE CONTRACTOR TO DISCONTINUE ANY FURTHER CLEARING AND GRADING, EXCEPT FOR EROSION AND SEDIMENT CONTROL MAINTENANCE AND REPAIR, UNTIL THE FOLLOWING MARCH 31.

EROSION CONTROL SEEDING NOTES

PURPOSE

TO REDUCE EROSION AND SEDIMENTATION BY STABILIZING EXPOSED SOILS THAT WILL NOT BE BROUGHT TO FINAL GRADING OR PERMANENT COVER TREATMENT OR VEGETATION WITHIN 30 DAYS OF THE EXPOSURE.

- CONDITIONS WHERE PRACTICE APPLIES

 PERMANENT STRUCTURES ARE TO BE INSTALLED OR EXTENSIVE GRADING OF THE AREA WILL OCCUR
 PRIOR TO THE ESTABLISHMENT OF PERMANENT VEGETATION.

 EXPOSED SOIL SURFACES WHICH ARE NOT TO BE FINAL GRADE WITHIN 30 DAYS.

 AREAS WHICH WILL NOT BE SUBJECTED TO HEAVY WEAR BY CONSTRUCTION TRAFFIC.

 AREAS SLOPING UP TO 10% FOR 100 FT. OR LESS.

DESIGN CRITERIA/SPECIFICATIONS

- TIME OF PLANTING DURING THE TIME PERIOD BETWEEN APRIL 1 THROUGH JUNE 30 AND SEPTEMBER THROUGH OCTOBER 31. (NOTE: IF PLANTING BETWEEN JULY 1 AND AUGUST 31, IRRIGATION MAY BE REQUIRED. IF PLANTING BETWEEN NOVEMBER 1 AND MARCH 31, MULCHING WILL BE REQUIRED IMMEDIATELY AFTER PLANTING.)
- SITE PREPARATION BEFORE SEEDING, INSTALL NEEDED SURFACE RUNOFF CONTROL MEASURES SUCH AS GRADIENT TERRACES, INTERCEPTOR DIKE/SWALES, LEVEL SPREADERS AND SEDIMENT BASINS.
- SEEDBED PREPARATION THE SEEDBED SHOULD BE FIRM, BUT NOT COMPACT, WITH A FAIRLY FINE SURFACE FOLLOWING SURFACE ROUGHENING. SURFACE ROUGHENING SHOULD BE DONE AT RIGHT ANGLES TO THE SLOPE AND PREFERABLY "CAT WALKED" UP SLOPE.
 FERTILIZATION AS PER SUPPLIER'S RECOMMENDATIONS. DEVELOPMENTS ADJACENT TO WATER BODIES AND WETLANDS MUST USE NON—PHOSPHORUS FERTILIZER.

- SEEDING - ATTEL THE TOLLOWING MIXTORE TO THE TRETARED SEED DED	OLLOWING WIN JONE	וות האפראאפט	SEED DED AT A NATE OF 20 LDS/ACK
	PROPORTIONS	PERCENT	PERCENT
NAME	BY WEIGHT	PURITY	GERMINA TION
REDTOP (AGROSTIS ALBA)	10 %	92	85
ANNUAL RYE (LOLIUM MULTIFORUM) 40%	RUM) 40 %	98	90

FINAL STABILIZATION NOTES

CHEWNGS FESQUE
(FESTUCA RUBRA COMMUTATA)
(JAMESTOWN, BANNER, SHADOW OR KOKET)

98

90

- ALL DISTURBED AREAS OF THE SITE SHALL BE VEGETATED OR OTHERWISE PERMANENTLY STABILIZED. AT A MINIMUM, DISTURBED AREAS SHALL BE SEEDED AND MULCHED (SECTION 5.4.2.4) WITH A HIGH LIKELIHOOD THAT SUFFICIENT COVER WILL DEVELOP SHORTLY AFTER FINAL APPROVAL. MULCH WITHOUT SEEDING IS NOT ADEQUATE TO ALLOW FINAL APPROVAL OF THE PERMIT, EXCEPT FOR SMALL AREAS OF MULCH USED FOR LANDSCAPING. THE ONLY EXCEPTIONS TO THESE REQUIREMENTS ARE LOTS WITHIN A PLAT THAT ARE TO BE DEVELOPED UNDER AN APPROVAL. IN THESE CASES, MULCH AND/OR TEMPORARY SEEDING ARE ADEQUATE FOR COVER.
- $\dot{\wp}$ STRUCTURAL MEASURES SUCH AS, BUT NOT LIMITED TO, SILT FENCES, PIPE SLOPE DRAINS, CONSTRUCTION ENTRANCES, STORM DRAIN INLET PROTECTION, SEDIMENT TRAPS AND PONDS; SHALL BE REMOVED FROM THE SITE. MEASURES THAT WILL QUICKLY DECOMPOSE, SUCH AS BRUSH BARRIERS AND ORGANIC MULCHES, MAY BE LEFT IN PLACE. IN THE CASE OF SILT FENCES, IT MAY BE BEST TO REMOVE FENCES IN CONJUNCTION WITH THE SEEDING, SINCE IT MAY BE NECESSARY TO BRING MACHINERY BACK IN TO REMOVE THEM. THIS WILL RESULT IN DISTURBED SOILS THAT WILL AGAIN REQUIRE PROTECTION. THE DDES INSPECTOR MUST APPROVE AN APPLICANT'S PROPOSAL TO REMOVE FENCING PRIOR TO THE ESTABLISHMENT OF VEGETATION. IN SOME CASES, SUCH AS RESIDENTIAL BUILDING FOLLOWING PLAT DEVELOPMENT, IT MAY BE APPROPRIATE TO LEAVE SOME OR ALL TESC MEASURES FOR USING DURING SUBSEQUENT DEVELOPMENT. THIS SHALL BE DETERMINED ON A SITE—SPECIFIC BASIS.
- ALL PERMANENT SURFACE WATER FACILITIES, INCLUDING CATCH BASINS, MANHOLES, PIPES, DITCHES, CHANNELS, R/D FACILITIES AND WATER QUALITY FACILITIES SHALL BE CLEANED. ANY OFF—SITE CATCH THAT REQUIRED PROTECTION DURING CONSTRUCTION (SECTION 5.4.5.3) SHALL ALSO BE CLEANED.
- IF ONLY THE INFRASTRUCTURE OF THE SITE HAS BEEN DEVELOPED (E.G., SUBDIVISIONS, AND SHORT PLATS) WITH BUILDING CONSTRUCTION TO OCCUR UNDER A DIFFERENT PERMIT, THEN THE SENSITIVE AREA BUFFERS NATIVE GROWTH PROTECTION EASEMENTS SHALL BE CLEARLY MARKED AS PER SECTION 5.4.1 IN ORDER TO ALERT FUTURE BUYERS AND BUILDERS.

EROSION/ SEDIMENTATION CONTROL NOTES

FILTER FABRIC FENCE INSTALLATION NOTES

THE FILTER FABRIC SHALL BE PURCHASED IN A CONTINOUS ROLL CUT TO THE LENGTH OF THE BARRIER JOINTS ARE NECESSARY, FILTER CLOTH SHALL BE SPLICED TOGETHER ONLY AT A SUPPORT POST, WITH AND BOTH ENDS SECURELY FASTENED TO THE POST.

THE FILTER FABRIC FENCE SHALL BE INSTALLED TO MAXIMUM OF 6 FEET APART AND DRIVEN SECURELY

A TRENCH SHALL BE EXCAVATED, ROUGHLY 8 INCHES ALLOW THE FILTER FABRIC TO BE BURIED.

- APPROVAL OF THIS EROSION AND SEDIMENT CONTROL (ESC) PLAN DOES NOT CONSTITUTE AN APPROVAL OF PERMANENT ROAD OR DRAINAGE DESIGN (E.G., SIZE AND LOCATION OF ROADS, PIPES, RESTRICTORS, CHANNELS, RETENTION FACILITIES, UTILITIES, ETC.).
- THE IMPLEMENTATION OF THESE ESC PLANS AND THE CONSTRUCTION, MAINTENANCE, REPLACEMENT, AND UPGRADING OF THESE ESC FACILITIES IS THE RESPONSIBILITY OF THE APPLICANT/ESC SUPERVISOR UNTIL ALL CONSTRUCTION IS APPROVED.
- THE BOUNDARIES OF THE CLEARING LIMITS SHOWN ON THIS PLAN SHALL BE CLEARLY FLAGGED BY SURVEY TAPE OR FENCING, IF REQUIRED PRIOR TO CONSTRUCTION (SWDM APPENDIX D). DURING THE CONSTRUCTION PERIOD, NO DISTURBANCE BEYOND THE THE CLEARING LIMITS SHALL BE PERMITTED. THE CLEARING LIMITS SHALL BE MAINTAINED BY THE APPLICANT/ESC SUPERVISOR FOR THE DURATION OF CONSTRUCTION.
- STABILIZED CONSTRUCTION ENTRANCES SHALL BE INSTALLED AT THE BEGINNING OF CONSTRUCTION AND MAINTAINED FOR THE DURATION OF THE PROJECT. ADDITIONAL MEASURES, SUCH AS CONSTRUCTED WHEEL WASH SYSTEMS OR WASH PADS, MAY BE REQUIRED TO ENSURE THAT ALL PAVED AREAS ARE KEPT CLEAN AND TRACK OUT TO ROAD RIGHT—OF—WAY DOES NOT OCCUR FOR DURATION OF THE PROJECT.
- THE ESC WITH ALL SURFACE
- FACILITIES SHOWN ON THIS PLAN MUST BE CONSTRUCTED PRIOR TO OR IN CONJUNCTION CLEARING AND GRADING SO AS TO ENSURE THAT THE TRANSPORT OF SEDIMENT TO WATERS, DRAINAGE SYSTEMS, AND ADJACENT PROPERTIES IS MINIMIZED.
- THE ESC FACILITIES SHOWN ON THIS PLAN ARE THE MINIMUM REQUIREMENTS FOR ANTICIPATED SITE CONDITIONS. DURING THE CONSTRUCTION PERIOD, THESE ESC FACILITIES SHALL BE UPGRADED AS NEEDED FOR UNEXPECTED STORM EVENTS AND MODIFIED TO ACCOUNT FOR CHANGING SITE CONDITIONS (E.G., ADDITIONAL COVER MEASURES, ADDITIONAL SUMP PUMPS, RELOCATION OF DITCHES AND SILT FENCES, PERIMETER PROTECTION ETC.).
- THE ESC FACILITIES SHALL BE INSPECTED DAILY BY THE APPLICANT/ESC SUPERVISOR AND MAINTAINED TO ENSURE CONTINUED PROPER FUNCTIONING. WRITTEN RECORDS SHALL BE KEPT OF WEEKLY REVIEWS OF THE ESC FACILITIES.
- ANY AREAS OF EXPOSED SOILS, INCLUDING ROADWAY EMBANKMENTS, THAT WILL NOT BE DISTURBED FOR TWO DAYS DURING THE WET SEASON OR SEVEN DAYS DURING THE DRY SHALL BE IMMEDIATELY STABILIZED WITH THE APPROVED ESC COVER METHODS (E.G., SEE MULCHING, PLASTIC COVERING, ETC.).
- ANY AREA NEEDING ESC MEASURES NOT REQUIRING IMMEDIATE ATTENTION SHALL BE ADDRESSED WITHIN SEVEN (7) DAYS.
- THE ESC ONCE A FACILITIES ON INACTIVE SITES SHALL BE INSPECTED AND MAINTAINED A MINIMUM OF MONTH OR MITHIN 24 HOURS FOLLOWING A STORM EVENT.

10.

- AT NO TIME SHALL MORE THAN ONE (1) FOOT OF SEDIMENT BE ALLOWED TO ACCUMULATE WITHIN A CATCH BASIN. ALL CATCH BASINS AND CONVEYANCE LINES SHALL BE CLEANED PRIOR TO PAVING. THE CLEANING OPERATION SHALL NOT FLUSH SEDIMENT—LADEN WATER INTO THE DOWNSTREAM SYSTEM.
- ANY PERMANENT RETENTION/DETENTION FACILITY USED AS A TEMPORARY SETTLING BASIN SHALL BE MODIFIED WITH THE NECESSARY EROSION CONTROL MEASURES AND SHALL PROVIDE ADEQUATE STORAGE CAPACITY. IF THE PERMANENT FACILITY IS TO FUNCTION ULTIMATELY AS AN INFILTRATION SYSTEM, THE TEMPORARY FACILITY MUST BE ROUGH GRADED SO THAT THE BOTTOM AND SIDES ARE AT LEAST THREE FEET ABOVE THE FINAL GRADE OF THE PERMANENT FACILITY.
- COVER M DESIGN N MEASURES WILL MANUAL. IN CONFORMANCE WITH APPENDIX D OF THE SURFACE WATER
- PRIOR TO THE BEGINNING OF THE WET SEASON (OCT. 1), ALL DISTURBED A REVIEWED TO IDENTIFY WHICH ONES CAN BE SEEDED IN PREPARATION FOR DISTURBED AREAS SHALL BE SEEDED WITHIN ONE WEEK OF THE BEGINNING A SKETCH MAP OF THOSE AREAS TO BE SEEDED AND THOSE AREAS TO RESHALL BE SUBMITTED TO THE DDES INSPECTOR FOR REVIEW.

RECOMMENDED CONSTRUCTION SEQUENCE

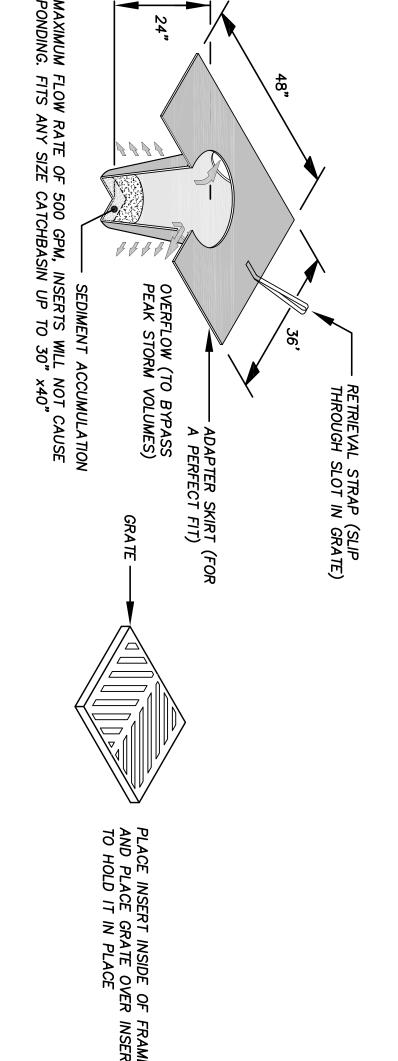
- PRE-CONSTRUCTION MEETING.
- POST NOTICE OF CONSTRUCTION ACTIVITY SIGN WITH NAME AND PHONE NUMBER OF SUPERVISOR.
- FLAG OR FENCE CLEARING LIMITS.
- INSTALL
- INSTALL PERIMETER PROTECTION (SILT FENCE, BRUSH BARRIER, ETC.).
- MAINTAIN EROSION CONTROL MEASURES IN ACCORDANCE WITH KING COUNTY STANDARDS AND MANUFACTURER'S RECOMMENDATIONS.
- RELOCATE SURFACE WATER CONTROLS AND EROSION CONTROL MEASURES OR INSTALL NEW MEASURES SO THAT AS SITE CONDITIONS CHANGE THE EROSION AND SEDIMENT CONTROL IS ALWAYS IN ACCORDANCE WITH THE KING COUNTY EROSION AND SEDIMENT CONTROL STANDARDS.
- COVER ALL AREAS THAT WILL BE UNWORKED FOR MORE THAN SEVEN DAYS DURING THE DRY SEASON OR TWO DAYS DURING THE WET SEASON WITH STRAW, WOOD FIBER MULCH, COMPOST, PLASTIC SHEETING OR EQUIVALENT.
- STABILIZE ALL AREAS THAT REACH FINAL GRADE WITHIN SEVEN DAYS.
- SOD ANY AREAS TO REMAIN UNWORKED FOR MORE THAN 30 DAYS.

- SEED OR

2" x4" WOOD POST ALT., STEEL FENCE POST. PROVIDE 3/4" — WASHED GRAVEL IN TRENCH AND COMMENCE OF FILTER IN FABRIC ON THE SECONDARY IN DESIGN CRITERIA/SPECIFICATIONS: MINIMUM HEIGHT= MAXIMUM HEIGHT= 5.0°. MINIMUM WIDTH= 5.0° AT ITS BASE. MAXIMUM WIDTH= 15.0°. A FILTER FENCE ANCHORED OVER THE BRUSH BERM THE BARRIER. CONDITIONS WHERE PRACTICE APPLIES: BELOW DISTUF AVAILABLE FOR CONSTRUCTION OF SUCH A BARRIER. **PURPOSE:** TO RETAIN SEDIMENT FROM VERY SMALL DISTURBED , AVAILABLE FROM CLEARING AND GRUBBING THE SITE. WHEN EXTRA STRENGTH FILTER FABRIC AND CLOSE SUCH A CASE, THE FILTER FABRIC IS STAPLED OR APPLY. FILTER FABRIC FENCES SHALL BE REMOVED WHEN THEY HAS BEEN PERMANENTLY STABILIZED. FILTER FABRIC FENCES SHALL BE INSPECTED IMMEDIATEL ANY REQUIRED REPAIRS SHALL BE MADE IMMEDIATELY. THE STANDARD STRENGTH FILTER FABRIC SHALL BE STAPLED OR WIRED TO EXTENDED INTO THE TRENCH. THE FABRIC SHALL NOT EXTEND MORE THAN FABRIC SHALL NOT BE STAPLED TO EXISTING TREES. THE TRENCH SHALL BE BACKFIELD WITH 3/4-INCH SILT 1.0' 1.5,

RBED AREAS SUBJECT TO SHEET NOTE: DOES NOT REPLACE THE

FENCE



TER INSERT

ROVED FOR CONSTRUCTION & ENVIRONMENTAL SERVICES

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10021

DATE:

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