



EROSION CONTROL NOTES

1. EROSION CONTROL IS TO MEET ALL FEDERAL, STATE, COUNTY & LOCAL CODE STANDARDS.
2. SEEDING AND EROSION CONTROL MEASURES SHALL FOLLOW C.O.W. SPECIFICATIONS. WHEN PLANS SHOW DIFFERENT REQUIREMENTS THE PLANS SHALL BE PREVAIL.
3. CONTRACTOR SHALL PROVIDE AND PRESERVE EROSION PROTECTION THROUGHOUT PROJECT CONSTRUCTION. THE PLAN PROVIDED HERE IS FOR FINAL PROTECTION; VARIOUS PHASES OF THIS PLAN SHALL BE IMPLEMENTED OR MODIFIED TO CONTROL EROSION. MODIFICATIONS OF THE PLAN SHALL BE APPROVED BY THE OWNERS REPRESENTATIVE.
4. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING AND IMPLEMENTING ALL EROSION CONTROL. PROTECT STRUCTURES, UTILITIES, SIDEWALKS, PAVEMENTS, AND OTHER FACILITIES, TREES, SHRUBS, AND PLANTINGS FROM DAMAGE CAUSED BY PLANTING OPERATIONS.
5. PROVIDE EROSION-CONTROL MEASURES TO PREVENT EROSION OR DISPLACEMENT OF SOILS AND DISCHARGE OF SOIL-BEARING WATER RUNOFF OR AIRBORNE DUST TO ADJACENT PROPERTIES AND WALKWAYS.
6. CONTRACTOR SHALL INSTALL AND MAINTAIN A STABILIZED CONSTRUCTION ENTRANCE AT A LOCATION DETERMINED BY THE ENGINEER.
7. A PERENNIAL RYE SHALL BE PLANTED ON ALL DISTURBED AREAS WITHIN 20 DAYS OF NO ACTIVITY.
8. ALL SEEDED AREAS SHALL BE IMMEDIATELY MULCHED WITH PRAIRIE HAY AT A RATE OF 2 TONS/ACRE. ALL MULCH SHALL BE ANCHORED BY CRIMPING INTO TOPSOIL WITH SUITABLE MECHANICAL EQUIPMENT. ANCHORING OF MULCH SHALL BE SUFFICIENT TO PREVENT BLOWING OR WASHING OF MATERIAL PLACED.

GENERAL GRADING NOTES

1. A 6" (MAX. DEPTH) LAYER OF TOPSOIL SHALL BE STRIPPED IN ALL AREAS TO RECEIVE FILL AND SAVED BACK FOR REPLACEMENT IN NON-BUILDING AND NON-PAVED AREAS. ANY EXCESS TOPSOIL SHALL BE SEPARATELY STOCKPILED ON-SITE AT AN OWNER APPROVED LOCATION. EXCESS MATERIAL PLACEMENT SHALL BE SUBSIDIARY TO BID ITEM "EARTHWORK".
2. ALL FILL SHALL BE COMPACTED TO 95% STANDARD PROCTOR DENSITY. MAXIMUM LIFT THICKNESS SHALL BE 8". CONTRACTOR TO PROVIDE ADEQUATE COMPACTION TESTING TO CONFIRM COMPACTION.
3. CONTRACTOR SHALL NOTIFY UTILITY COMPANIES OF CONSTRUCTION SCHEDULING.
4. THE CONTRACTOR SHALL NOT REMOVE ANY EXISTING VEGETATION WITHOUT PRIOR APPROVAL OF THE LANDSCAPE ARCHITECT. THE CONTRACTOR SHALL NOT PERFORM ANY GRADING OPERATIONS WITHIN THE DRIPLINE OF ANY EXISTING TREES. COORDINATE GRADING WITH MKEC LANDSCAPE ARCHITECT.
5. THIS IS DESIGN GRADING. ALL GRADES SHALL BE CONTOURED SMOOTHLY WITH GENTLE ROUNDING/SHAPING OF ALL AFFECTED LAND SURFACES. ABRUPT TRANSITIONS AT THE TOP OF SLOPES WHERE PROPOSED GRADES MEET EXISTING ARE NOT ACCEPTABLE. SURVEY STAKES FOR POND GRADING ARE FOR GENERAL GRADING PURPOSES ONLY. NOT ALL SLOPES ARE CONSTANT AND THEREFORE THE GRADING PLANS SHALL BE REFERRED TO FOR FINAL GRADE SHAPING. ALL BERMS & POND EDGES SHALL BE FINAL GRADED/SHAPED WITH A TRACK DOZER, NOT A BLADE. THE GRADING SHALL BE APPROVED BY MKEC'S LANDSCAPE ARCHITECT PRIOR TO THE ADDITION OF THE TOPSOIL LAYER.
6. AS THE PROJECT NEARS COMPLETION, THE CONTRACTOR SHALL RIP (SCARIFY) ALL HAUL ROADS WITH AN AGRICULTURAL IMPLEMENT INTENDED FOR SUCH PURPOSES TO A DEPTH OF 18". MULTIPLE PASSES MAY BE NECESSARY TO THOROUGHLY ALLEVIATE COMPACTION.
7. IN THE EVENT THAT OFFSITE TOPSOIL IS NEEDED, IT SHALL BE FERTILE NATURAL TOPSOIL, TYPICAL OF THE LOCALITY, OBTAINED FROM WELL DRAINED AREAS. STOCKPILED TOPSOIL MAY BE USED. IT SHALL BE WITHOUT ADMIXTURE OF SUBSOIL OR SLAG AND SHALL BE FREE OF STONES, LUMPS, STICKS, PLANTS OR THEIR ROOTS, TOXIC SUBSTANCES OR OTHER EXTRANEOUS MATTER THAT MAY BE HARMFUL TO PLANT GROWTH OR WOULD INTERFERE WITH FUTURE MAINTENANCE. TOPSOIL pH RANGE SHALL BE 5.5 TO 7.0. TOPSOIL SHALL BE APPROVED BY MKEC'S LANDSCAPE ARCHITECT PRIOR TO PLACEMENT.
8. RUBBLE FROM THE REMOVAL OF MISCELLANEOUS STRUCTURES AND EXCESS EXCAVATION WHICH IS TO BE WASTED SHALL BE DISPOSED OF ON SITES TO BE PROVIDED BY THE CONTRACTOR THESE SITES SHALL BE APPROVED BY THE ENGINEER AS TO SUITABILITY. SITE LOCATIONS THAT IN THE OPINION OF THE ENGINEER WILL LEAVE A UNSIGHTLY APPEARANCE WILL NOT BE APPROVED. ALL DISPOSAL SITES MUST BE APPROVE BY THE KANSAS DEPARTMENT OF HEALTH AND ENVIRONMENT AND HAVE A SEPARATE APPROVED NOI/SWPPP. MATERIAL EITHER STOCKPILED OR DISPOSED OF IN A FLOOD PLAIN WOULD REQUIRE A KANSAS STATE BOARD OF AGRICULTURE PERMIT. ANY MATERIAL DUMPED IN WATERS OF THE UNITED STATES OR WETLANDS IS SUBJECT TO U.S. CORPS OF ENGINEERS PERMITTING REGULATIONS. ANY MATERIAL BURIED OR STOCKPILED BEYOND APPROVED CONSTRUCTION LIMITS WOULD REQUIRE ADDITIONAL ARCHAEOLOGICAL INVESTIGATIONS. UNLESS BURIED IN A PREVIOUSLY APPROVED BORROW LOCATION.

LEGEND

- SILT FENCE SEDIMENT BARRIER (2620 LF)
- EXIST. CONTOUR
- PROP. CONTOUR
- EXIST. WATER
- EXIST. SAN. SEWER
- EXIST. STORM SEWER
- EXIST. UNDERGROUND TELEPHONE
- EXIST. UNDERGROUND ELECTRICAL
- EXIST. GAS LINE
- EXIST. CABLE LINE
- FLOW ARROW
- ANNUAL RYE (5.3 AC) 150 LBS/ACRE
FERTILIZE 10-20-10 @ 150 LBS/ACRE
(QUANTITIES GIVEN FOR INFORMATION ONLY)
- FESCUE SOD (100 SY) (QUANTITIES GIVEN FOR INFORMATION ONLY)
- CURB INLET FILTER (6)
- INLET PROTECTION (6)

STORM WATER SEWER NO. 662
HAMPTON SQUARE SECOND

EROSION CONTROL PLAN

SHEET TITLE
468-84773
PROJECT NUMBER

DFL / KKL / GJA
DESIGNED DRAWN CHECKED

ISSUED
November 2011

REVISED

SHEET NO.