

## Erosion Control Notes

- o The Soil and Water Conservation District is responsible for conducting site visits and verifying that the practices are working properly and determine if additional practices are needed for better soil erosion and sediment control. If additional practices are deemed necessary by the SWCD the contractor will implement the practices in a timely manner.
- o The Will/South Cook Soil and Water Conservation District must be notified one week prior to the pre-construction conference, one week prior to the commencement of land disturbing activities, and one week prior to final inspection.
- o The soil erosion and sediment control practices will be inspected weekly and after  $\frac{1}{2}$  inch of rain or more by the individual on site in charge of soil erosion and sediment control during the construction of the project.
- o Erosion control blanket shall be installed to all disturbed areas with slopes equal to or greater than 5H:1V and in critical areas (i.e. detention basin perimeters, streambanks, berms, etc.) immediately upon final grading.
- o Silt fence shall be installed following the completion and stabilization of the stormwater facilities will remain in place until the contributing area is stabilized.
- o Stockpiles of soil and other building materials to remain in place more than three (3) days shall be furnished with erosion and sediment control measures (i.e. perimeter silt fence). Stockpiles to remain in place for 30 days or more shall receive temporary seeding.
- o All adjacent streets must be kept clear of debris. Inspected daily and cleaned when necessary.
- o All soil erosion and sediment control practices are referenced from the Illinois Urban Manual.
- o A stamped and signed copy of the approved soil erosion and sediment control plan shall be maintained on the site at all times and be presented when requested by Will/South Cook SWCD, U.S. Army Corps of Engineers or any other authorized agency.
- o The condition of the construction site for winter shutdown shall be addressed early in the fall growing season so that slopes and other bare earth areas may be stabilized with temporary and/or permanent vegetative cover for proper soil erosion and sediment control. Under no circumstance is the use of mulch permitted to be used for soil stabilization outside of the growing season. If an inadequate vegetative cover is present outside of the growing season, as determined by Will/South Cook SWCD, side slopes must be stabilized with erosion control blanket. Areas to be worked beyond the end of the growing season must incorporate soil stabilization measures that do not rely on vegetative cover such as erosion control blanket.
- o THE SEDIMENT AND EROSION CONTROL DEVICES SHALL BE FUNCTIONAL BEFORE ANY LAND IS DISTURBED ON THE SITE.
- o STOCKPILES OF SOIL SHALL NOT BE LOCATED WITHIN SPECIAL MANAGEMENT AREAS.
- o SEDIMENT AND EROSION CONTROL SHALL BE PROVIDED FOR ANY SOIL STOCKPILE IF IT IS REMAIN IN PLACE FOR MORE THAN 3 DAYS.
- o PROPERTIES AND SPECIAL MANAGEMENT AREAS DOWNSTREAM FROM THE SITE SHALL BE PROTECTED FROM EROSION IF THE VOLUME, VELOCITY, SEDIMENT LOAD OR PEAK FLOW RATES OF STORMWATER RUNOFF ARE TEMPORARILY INCREASED DURING CONSTRUCTION.
- o STORM SEWER INLETS SHALL BE PROTECTED WITH SEDIMENT TRAPPING OR FILTER CONTROL DEVICES DURING CONSTRUCTION.
- o THE SURFACE OF STRIPPED AREAS SHALL BE PERMANENTLY OR TEMPORARILY PROTECTED FROM SOIL EROSION WITHIN FIFTEEN DAYS AFTER FINAL GRADE IS REACHED. STRIPPED AREAS THAT WILL REMAIN UNDISTURBED FOR MORE THAN FIFTEEN DAYS AFTER INITIAL DISTURBANCE SHALL BE PROTECTED FROM EROSION.
- o WATER PUMPED OR OTHERWISE DISCHARGED FROM THE SITE DURING CONSTRUCTION DEWATERING SHALL BE FILTERED.
- o A STABILIZED CONSTRUCTION ENTRANCE SHALL BE PROVIDED TO PREVENT THE DEPOSITION OF SOIL ONTO PUBLIC OR PRIVATE ROADWAYS. ANY SOIL REACHING A PUBLIC OR PRIVATE ROADWAY SHALL BE REMOVED BEFORE THE END OF EACH WORK DAY.
- o ALL TEMPORARY EROSION CONTROL MEASURES NECESSARY TO MEET THE REQUIREMENTS OF THE VILLAGE OF ORLAND PARK SHALL BE KEPT OPERATIONAL AND MAINTAINED CONTINUOUSLY THROUGHOUT THE PERIOD OF LAND DISTURBANCE UNTIL PERMANENT SEDIMENT AND EROSION CONTROL MEASURES ARE OPERATIONAL.

## LANDSCAPE NOTES

- o PLANT QUANTITIES SHOWN IN THE PLANT SCHEDULE ARE FOR CONVENIENCE ONLY. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING AND INSTALLING ALL MATERIALS SHOWN ON THE PLAN AND SHOULD NOT RELY ON THE PLANT SCHEDULE FOR DETERMINING QUANTITIES.
- o ALL PLANT MATERIALS SHALL BE NURSERY GROWN STOCK AND SHALL BE FREE FROM ANY DEFORMITIES, DISEASES OR INSECT DAMAGE. ANY MATERIALS WITH DAMAGED OR CROOKED/DISFIGURED LEADERS, BARK ABRASION, SUNSCALD, INSECT DAMAGE, ETC. ARE NOT ACCEPTABLE AND WILL BE REJECTED. TREES WITH MULTIPLE LEADERS AND NOT EXHIBITING A CENTRAL (OR SINGLE) LEADER WILL BE REJECTED UNLESS CALLED OUT IN THE PLANT SCHEDULE AS MULTI-STEM.
- o ALL PLANTING OPERATIONS SHALL BE COMPLETED IN ACCORDANCE WITH STANDARD HORTICULTURAL PRACTICES. THIS MAY INCLUDE, BUT NOT BE LIMITED TO PROPER PLANTING BED AND TREE PIT PREPARATION, PLANTING MIX, PRUNING, STAKING & GUYING, WRAPPING, SPRAYING, FERTILIZATION, PLANTING AND ADEQUATE MAINTENANCE OF MATERIALS DURING CONSTRUCTION ACTIVITIES.
- o ALL PLANT MATERIALS SHALL BE INSPECTED AND APPROVED BY THE LANDSCAPE ARCHITECT PRIOR TO INSTALLATION. ANY MATERIALS INSTALLED WITHOUT APPROVAL MAY BE REJECTED.
- o THE CONTRACTOR SHALL GUARANTEE PLANT MATERIALS FOR A PERIOD OF ONE YEAR FROM DATE OF ACCEPTANCE BY OWNER. THE CONTRACTOR SHALL OUTLINE PROPER MAINTENANCE PROCEDURES TO THE OWNER AT THE TIME OF ACCEPTANCE. DURING THE GUARANTEE PERIOD, DEAD OR DISEASED MATERIALS SHALL BE REPLACED AT NO COST TO THE OWNER. AT THE END OF THE GUARANTEE PERIOD THE CONTRACTOR SHALL OBTAIN FINAL ACCEPTANCE FROM THE OWNER.
- o ANY EXISTING TREES TO BE RETAINED SHALL BE PROTECTED FROM SOIL COMPACTION AND OTHER DAMAGES THAT MAY OCCUR DURING CONSTRUCTION ACTIVITIES BY ERECTING FENCING AROUND SUCH MATERIALS AT A DISTANCE OF AT LEAST 8.5' FROM THE TRUNK.
- o ALL GRASS, CLUMPS, OTHER VEGETATION, DEBRIS, STONES, ETC. SHALL BE RAKED OR OTHERWISE REMOVED FROM PLANTING AND LAWN AREAS PRIOR TO THE INITIATION OF INSTALLATION PROCEDURES.
- o ANY AREAS TO BE LOAMED AND SEDED WHICH HAVE NOT BEEN DISTURBED BY CONSTRUCTION ACTIVITIES SHALL RECEIVE 1 1/2 - 2" OF LOAM OVER SCARIFIED EXISTING SOILS. CARE SHOULD BE GIVEN NOT TO PLACE GREATER 1" OF SOIL OVER EXPOSED ROOTS OF EXISTING TREES IN SUCH AREAS.
- o THE CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL UNDERGROUND UTILITIES PRIOR TO INITIATING PLANTING OPERATIONS. THE CONTRACTOR SHALL REPAIR/REPLACE ANY UTILITY, PAVING, CURBING, ETC. WHICH IS DAMAGED DURING PLANTING OPERATIONS.
- o SIZE AND GRADING STANDARDS OF PLANT MATERIALS SHALL CONFORM TO THE LATEST ANSI Z60.1, AMERICAN STANDARD FOR NURSERY STOCK, BY THE AMERICAN NURSERY & LANDSCAPE ASSOCIATION.
- o 2 to 4 FOOT WIDE TURFGRASS MARGIN SHALL BE PLACED ALONG ALL PAVED RECREATION PATHS. (WIDTH TO BE 1 PUSHMOWER WIDTH DETERMINED BY THE VILLAGE OF ORLAND PARK MAINTENANCE DEPARTMENT.)
- o EMERGENT(WETLAND) SEED SHALL NOT BE INSTALLED IF STANDING WATER IS PRESENT.
- o INSTALLED EMERGENT (WETLAND) PLUGS SHALL BE PROTECTED FROM HERBAVORY. HERBAVORY PROTECTION SHALL INCLUDE A 24" HIGH CHICKEN WIRE FENCE WITH MONOFILAMENT LINE CROSSED ACROSS THE TOPS OF THE SUPPORT POSTS. (SEE DETAIL SHEET 9)

## STABILIZED CONSTRUCTION ENTRANCE NOTES

- \* CONSTRUCTION ENTRANCE SHALL HAVE PAVED SURFACE WITHIN THE COUNTY RIGHT OF WAY.
- \* ROCK OR RECLAIMED CONCRETE SHALL MEET ONE OF THE FOLLOWING IDOT COARSE AGGREGATE, CA-1, CA-2, CA-3 OR CA-4.

SHEET: 5 of 6  
DATE: 5/12/05  
100-1000 PLANS PER VILLAGE  
REV: 1-7-98 FOR VILLAGE  
REV: 11-26-07 FOR VILLAGE LANDSCAPE  
REVIEW

**Landtech**  
Consultants LTD.

ENGINEERING • SURVEYING • LAND PLANNING  
13711 WEST 159th STREET LUDSPORT, IL 60441  
PHONE (708)321-6200 FAX (708)321-6204

**LANDSCAPE AND EROSION  
CONTROL NOTES**  
**OLDE MILL – PHASES II & III**  
**ORLAND PARK, ILLINOIS** WSCSWCD# 06-482

PREPARED FOR:  
CELTIC DEVELOPMENT  
13711 WEST 159th STREET  
HOMER GLEN ILLINOIS 60441  
COPYRIGHT 2003 LANDTECH CONSULTANTS LTD.