GENERAL GRADING NOTES:

1. 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. WESTLAKES PARKWAY BERMS 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.

2. A 6" LAYER OF TOPSOIL SHALL BE STRIPPED IN RESERVES AND STREET RIGHT OF WAY. NO TOPSOIL SHALL BE PLACED ON LOTS OR WITHIN STREET R/W UNLESS SPECIFICALLY NOTED. IN CASES WHERE GRADING IS DIRECTED UNDER TREE DRIP LINES NO TOPSOIL STRIPPING SHALL BE PERFORMED WITHIN THESE AREAS.

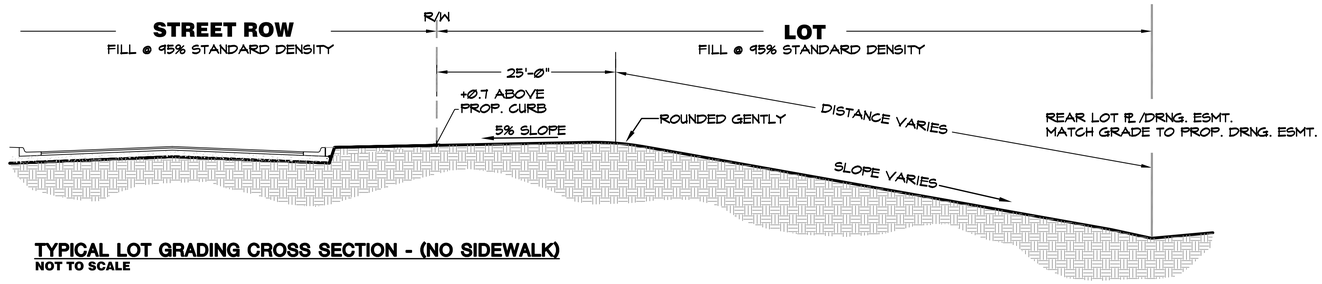
3. TOPSOIL SHALL BE REPLACED AT A DEPTH OF 6" IN ALL RESERVE AREAS (EXCEPT LOTS AND GRADES BELOW THE PROPOSED NORMAL POOL ELEVATION WITHIN PONDS). THE TOPSOIL THICKNESS MAY BE INCREASED TO 12" ON BERMS ONCE IT IS DETERMINED EXCESS TOPSOIL IS AVAILABLE. NOTE: THE FINISHED GRADE INDICATES THE SURFACE ELEVATION AFTER THE LAYER OF TOPSOIL HAS BEEN PLACED. NO TOPSOIL SHALL BE PLACED ON BERMS WITHOUT THE PRIOR APPROVAL OF THE LANDSCAPE ARCHITECT. IF TOPSOIL IS PLACED PRIOR TO APPROVAL, THE CONTRACTOR MAY NEED TO REWORK THE BERM IN ORDER TO CONSTRUCT PER THE INTENT OF THE PLAN.

4. 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 ALEVIATE COMPACTION.

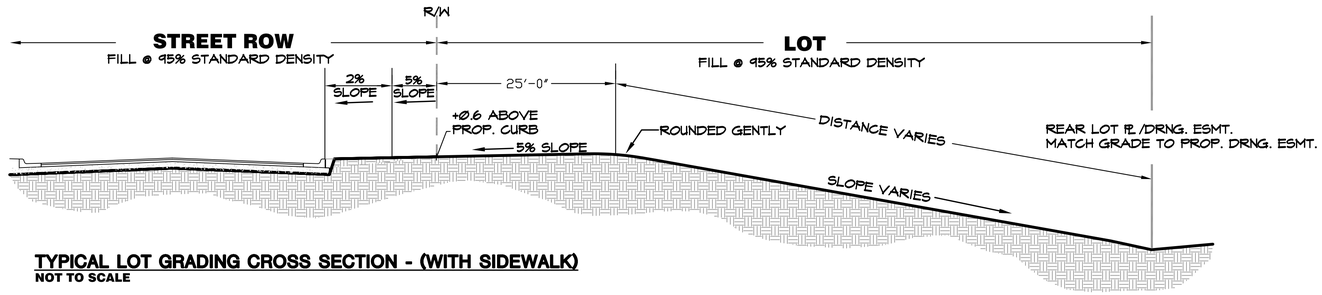
5. WHERE OFFSITE TOPSOIL IS NEEDED, IT SHALL BE FERTILE NATURAL TOPSOIL, TYPICAL OF THE LOCALITY, OBTAINED FROM WELL DRAINED AREAS. STOCKPILED TOPSOIL MAY BE USED. IT SHALL BE WITHOUT ADMIXTURE OF SUBSOIL OR SLAG AND SHALL BE FREE OF STONES, LUMPS, STICKS, PLANTS OR THEIR ROOTS, TOXIC SUBSTANCES OR OTHER 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.

6. CLAY LINER SHALL BE SUBSIDIARY TO THE BID ITEM "EARTHWORK".

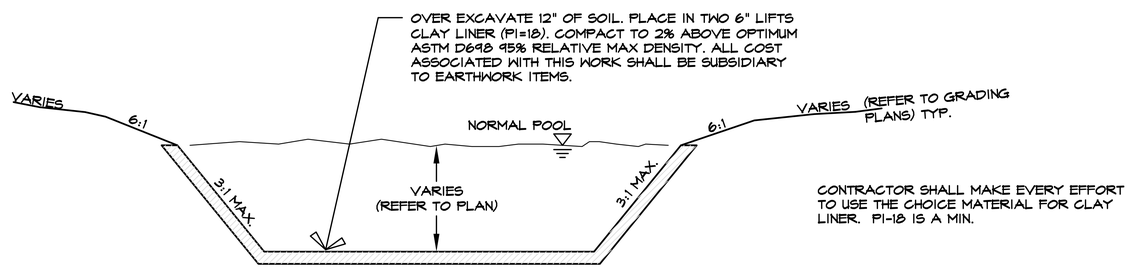
7. ANY EXCESS EXCAVATION SHALL BE PLACED AS LOT FILL IN AN OWNER APPROVED LOCATION WITHIN 1000' OF PROJECT LIMITS COMPACTED TO 95% STANDARD DENSITY. COORDINATE WITH THE OWNER'S REPRESENTATIVE. EXCESS MATERIAL PLACEMENT SHALL BE SUBSIDIARY TO BID ITEM "EARTHWORK".



TYPICAL LOT GRADING CROSS SECTION - (NO SIDEWALK)
NOT TO SCALE



TYPICAL LOT GRADING CROSS SECTION - (WITH SIDEWALK)
NOT TO SCALE



TYPICAL LAKE DETAIL
NOT TO SCALE

MKEC ENGINEERING CONSULTANTS, INC.
411 N. WEBB ROAD
WICHITA, KS. 67206
316 - 684 - 9600

PAVING & INCIDENTAL DRAINAGE PLANS

FOX RIDGE ADDITION

PHASE 14

GRADING DETAILS
SHEET TITLE

472-83791
PROJECT NUMBER

DFL / MLP / GJA
DESIGNED DRAWN CHECKED

ISSUED
October 2011
REVISED

SHEET NO.
10 of 56

PLOTTED: Tuesday, October 11, 2011 @ 06:09PM
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