

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. WESTLAKE'S 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.

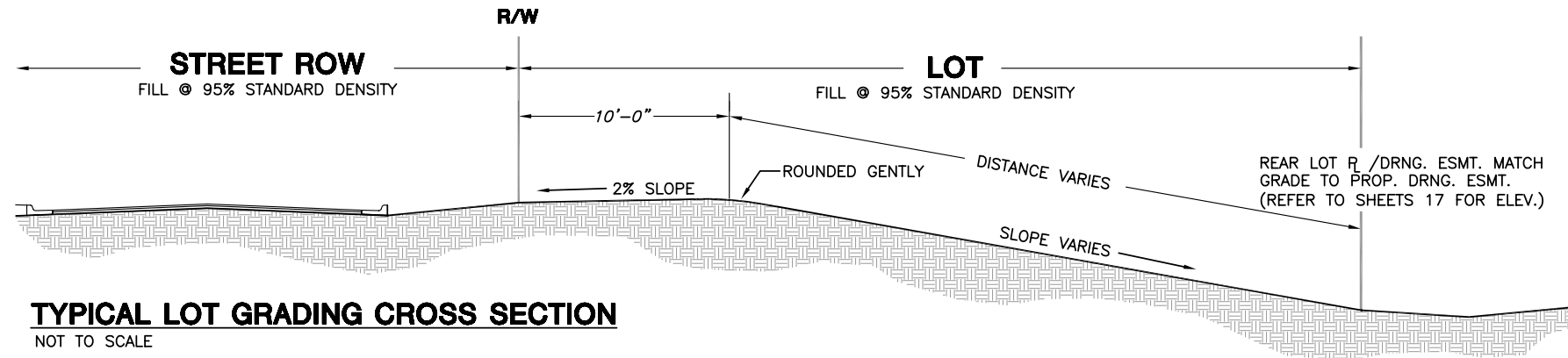
3. TOPSOIL SHALL BE REPLACED AT A DEPTH OF 6" IN ALL RESERVE AREAS (EXCEPT LOTS AND GRADES BELOW THE PROPOSED NORMAL POOL ELEVATION WITHIN PONDS). THE TOPSOIL THICKNESS MAY BE INCREASED TO 12" ON BERMS ONCE IT IS DETERMINED EXCESS TOPSOIL IS AVAILABLE. NOTE: THE FINISHED GRADE INDICATES THE SURFACE ELEVATION 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 EXTRANEIOUS 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.

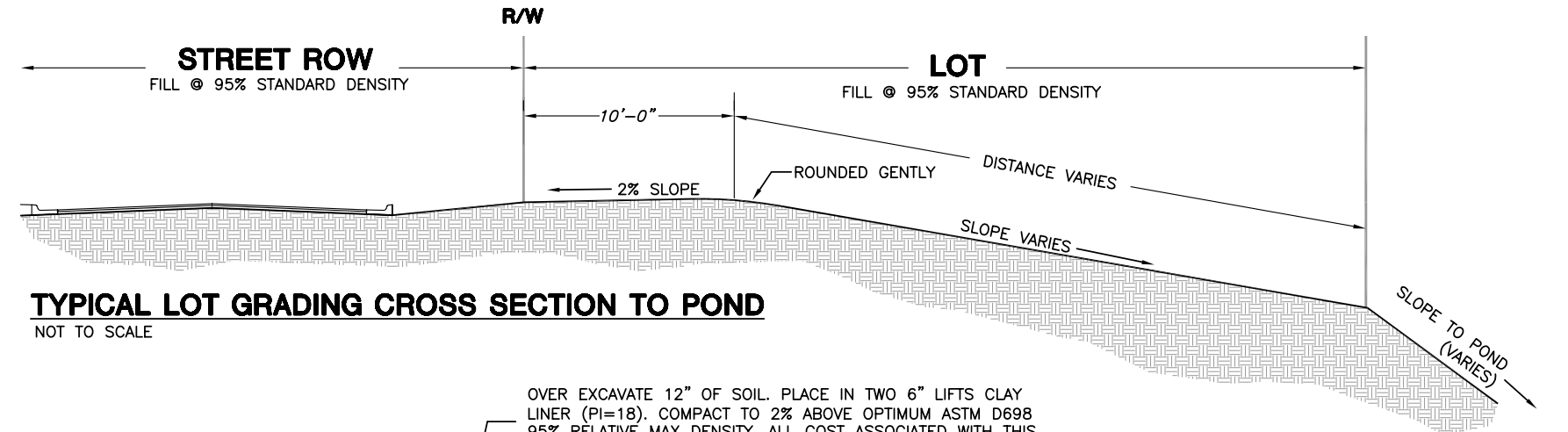
6. CLAY LINER SHALL BE SUBSIDIARY TO THE BID ITEM "EARTHWORK".

7. THERE MAY BE A LIMITED AMOUNT OF CHOICE CLAY LINER MATERIAL (PI-18) WITHIN GRADING LIMITS. THIS MATERIAL SHALL BE RESERVED COMPLETELY FOR USE IN THE POND LINER.



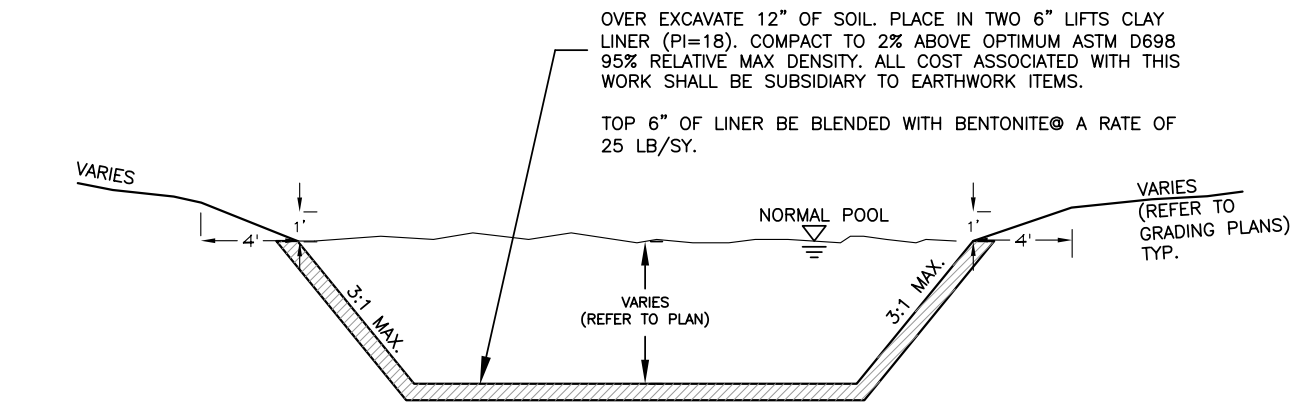
TYPICAL LOT GRADING CROSS SECTION

NOT TO SCALE



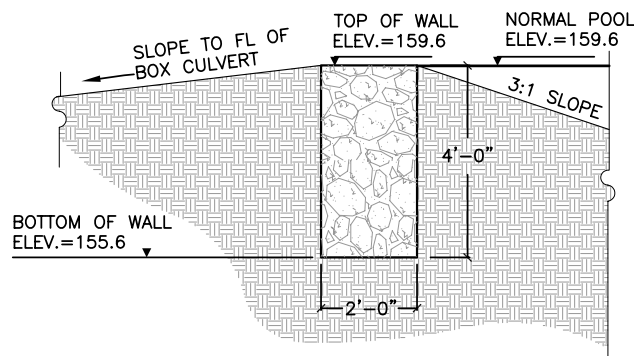
TYPICAL LOT GRADING CROSS SECTION TO POND

NOT TO SCALE



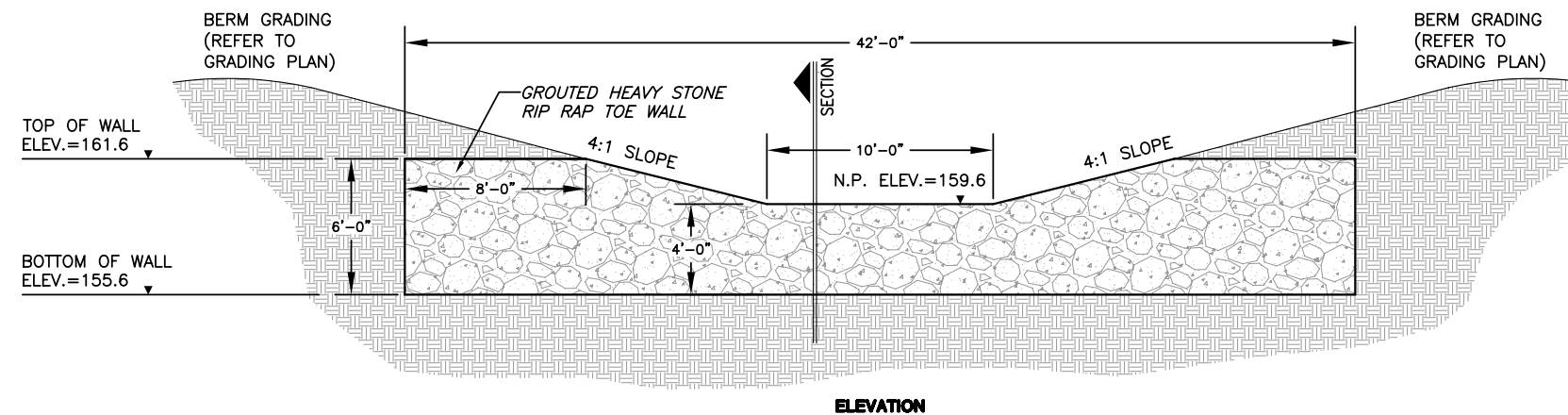
TYPICAL LAKE DETAIL

NOT TO SCALE



SECTION

NOTE: REFER TO GRADING PLAN FOR PROPOSED GRADES.



ELEVATION

GROUTED TOE WALL

NOT TO SCALE

MKEC
ENGINEERING
CONSULTANTS, INC.

411 N. WEBB ROAD
WICHITA, KS. 67206
316-684-9600

GRADING AND DRAINAGE PLANS
FOX RIDGE ADDITION
LAKES PHASE 2C-3

**LOT GRADING
DETAILS**

SHEET TITLE
468-84151
PROJECT NUMBER

DESIGN BY: *DBG*
DRAWN BY: *DBG*
CHECKED BY: *JAG*

ISSUED
March 2007

REVISED

SHEET NO.
16 of 26