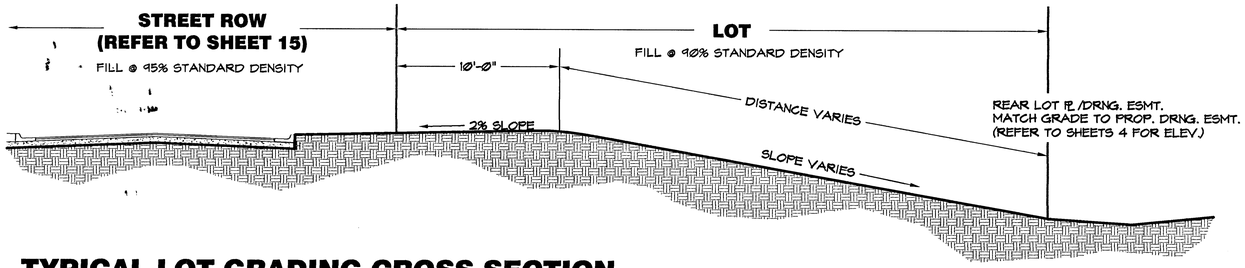
GENERAL GRADING NOTES:

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 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 ALL AREAS OF CUT AND FILL (EXCEPT LOTS AND GRADES BELOW THE PROPOSED NORMAL POOL ELEVATION WITHIN PONDS). 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. THE TOPSOIL THICKNESS MAY BE INCREASED TO 12" ON BERMS ONCE IT IS DETERMINED EXCESS TOPSOIL IS AVAILABLE. THE BERMS ALONG WESTLAKES PARKWAY TAKE PRECEDENCE OVER OTHER LOCATIONS CONCERNING THICKENED TOPSOIL. NOTE: THE FINISHED GRADE INDICATES THE SURFACE ELEVATION AFTER THE LAYER OF TOPSOIL HAS BEEN PLACED.

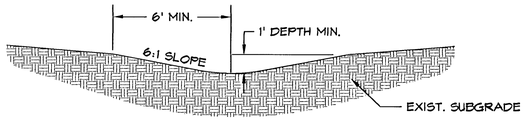
4. AS PROJECT NEARS COMPLETION, CONTRACTOR SHALL RIP (SCARIFY) ALL HAUL ROADS WITH AN AGRICULTURAL IMPLEMENT INTENDED FOR SUCH PURPOSES TO A DEPTH OF 18". MULTIPLE PASSES MAY BE NECESSARY TO THOROUGHLY ALEVIATE COMPACTION.



TYPICAL LOT GRADING CROSS SECTION

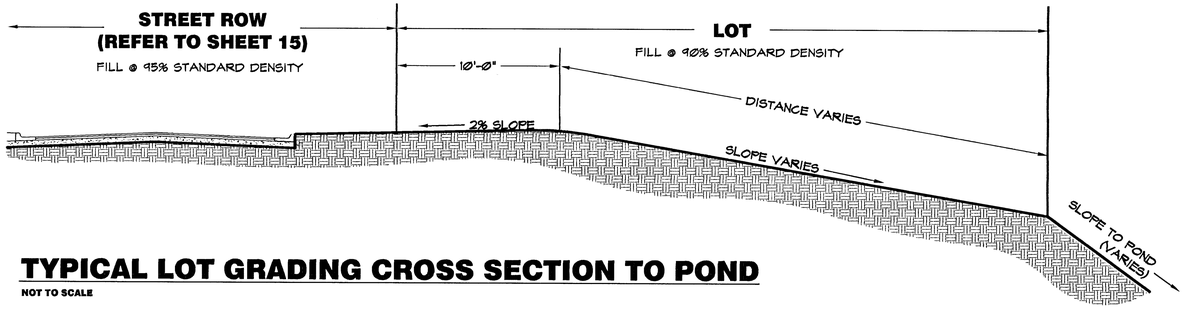
NOT TO SCALE

NOTE: TEMPORARY DRAINAGE CHANNEL SHALL BE CONSTRUCTED WITH A 1' MIN. DEPTH AND 6:1 MAX. SLOPE.



TEMPORARY DRAINAGE CHANNEL

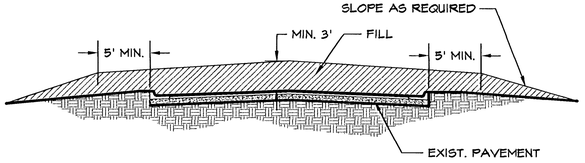
NOT TO SCALE



TYPICAL LOT GRADING CROSS SECTION TO POND

NOT TO SCALE

NOTE: TEMPORARY STREET CROSSING TO BE PLACED ONLY IF ALTERNATE ROUTE IS NOT AVAILABLE. LOCATION TO BE APPROVED BY AND COORDINATED WITH ENGINEER. GRADE AND MAINTAIN TO ALLOW CONTINUED USE OF STREET.

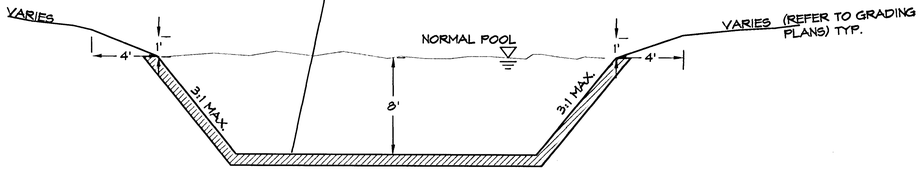


TEMPORARY STREET CROSSING

NOT TO SCALE

OVER EXCAVATE 12" OF SOIL. PLACE IN TWO 6" LIFTS CLAY LINER (PI=18). COMPACT TO 2% ABOVE OPTIMUM ASTM D698 95% RELATIVE MAX DENSITY. ALL COST ASSOCIATED WITH THIS WORK SHALL BE SUBSIDIARY TO EARTHWORK ITEMS.

CONTRACTOR SHALL MAKE EVERY EFFORT TO USE THE CHOICE MATERIAL FOR CLAY LINER. PI-18 IS A MIN.



TYPICAL LAKE DETAIL

NOT TO SCALE

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

FOX RIDGE
PROJECT NAME

PHASE 3 GRADING & POND NOTES & DETAILS
SHEET TITLE

SRS/DG	DM	GJA
DESIGN BY:	DRAWN BY:	CHECKED BY:
MAY 2004	99118_DTL	3 / 16
DATE	JOB NO.	SHEET/OF