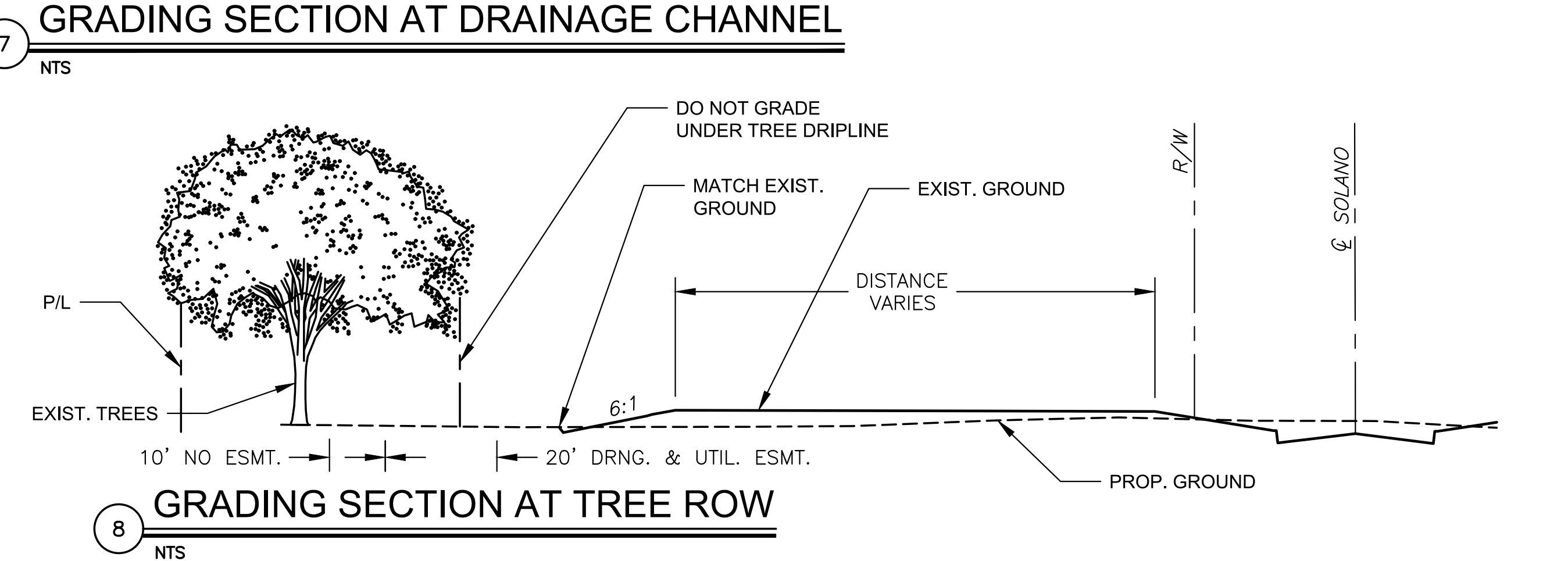
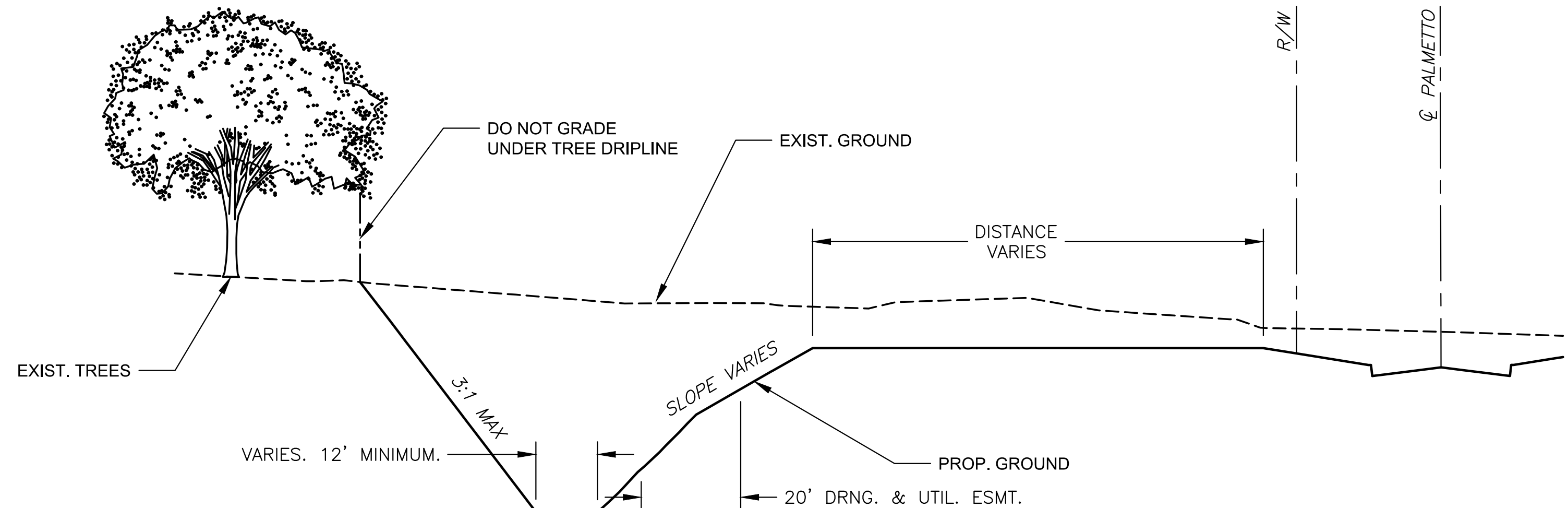
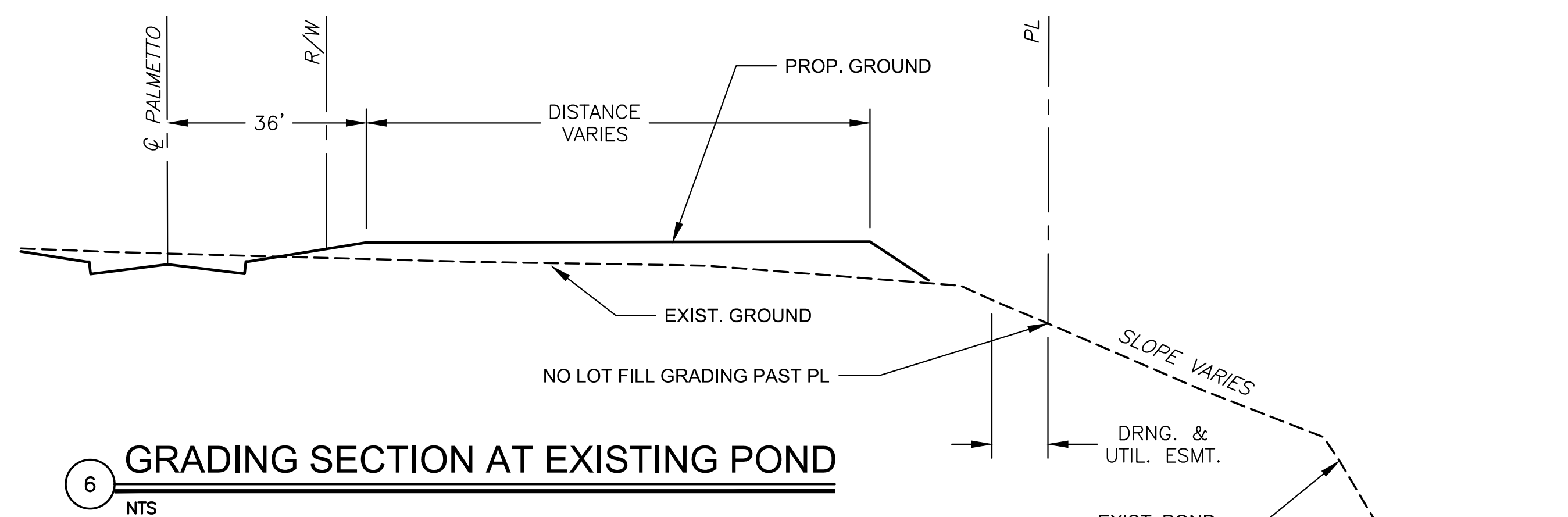
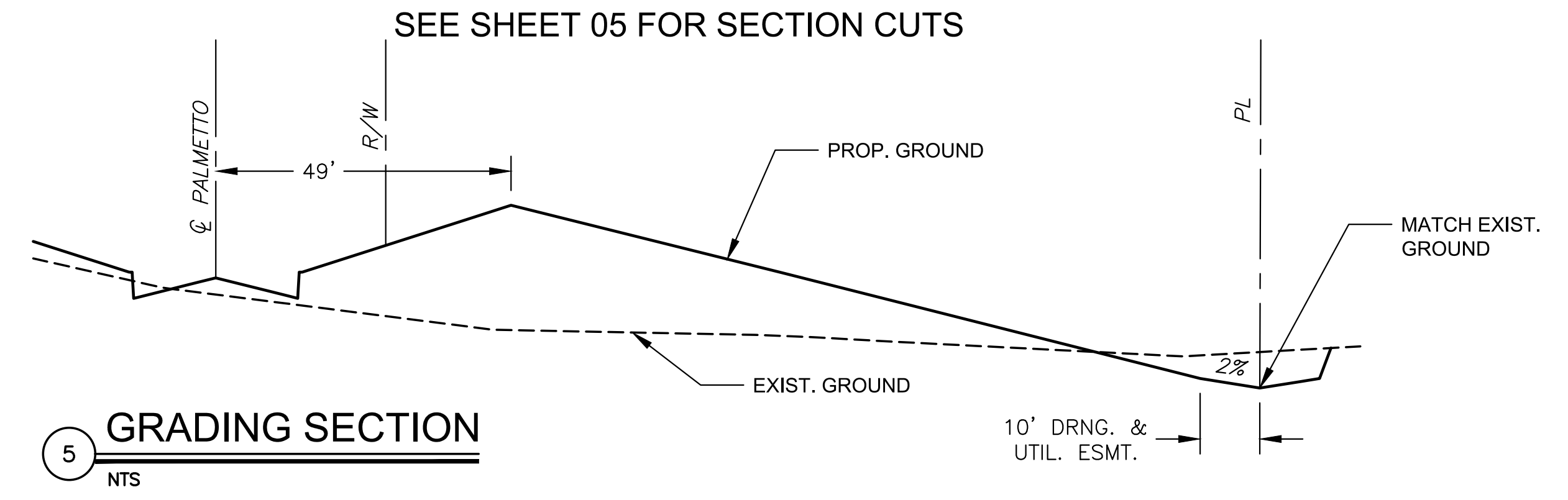
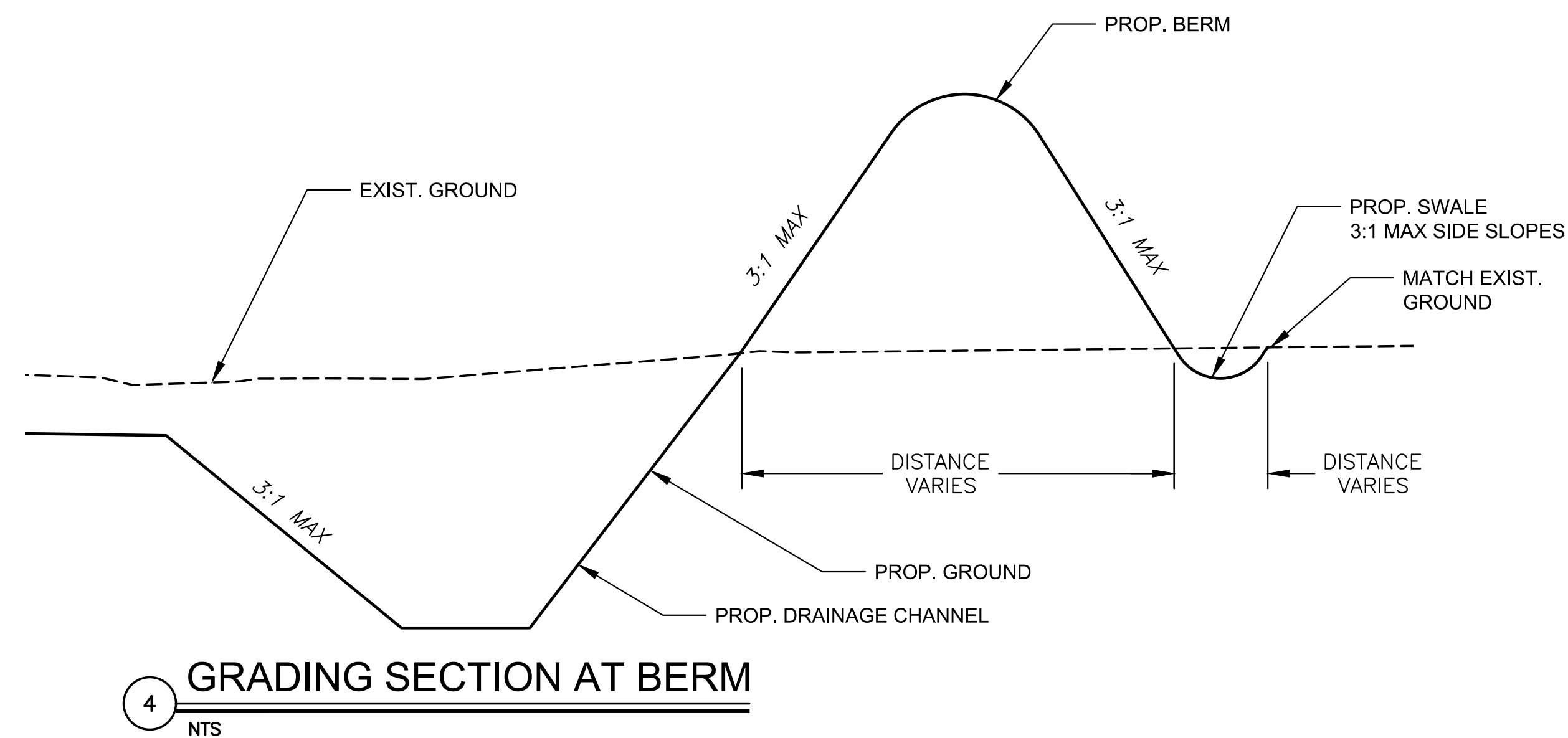
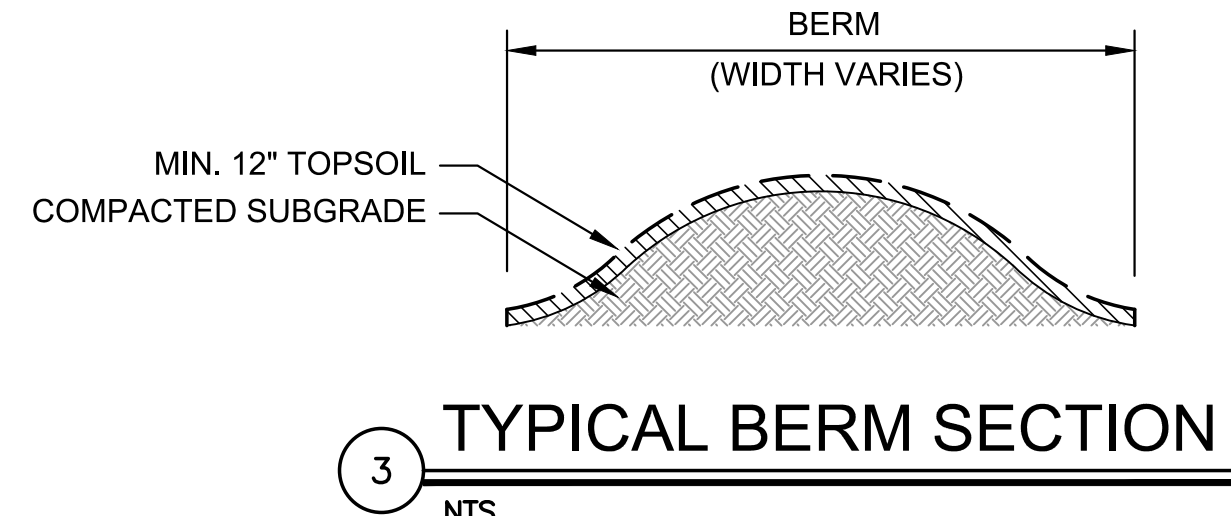
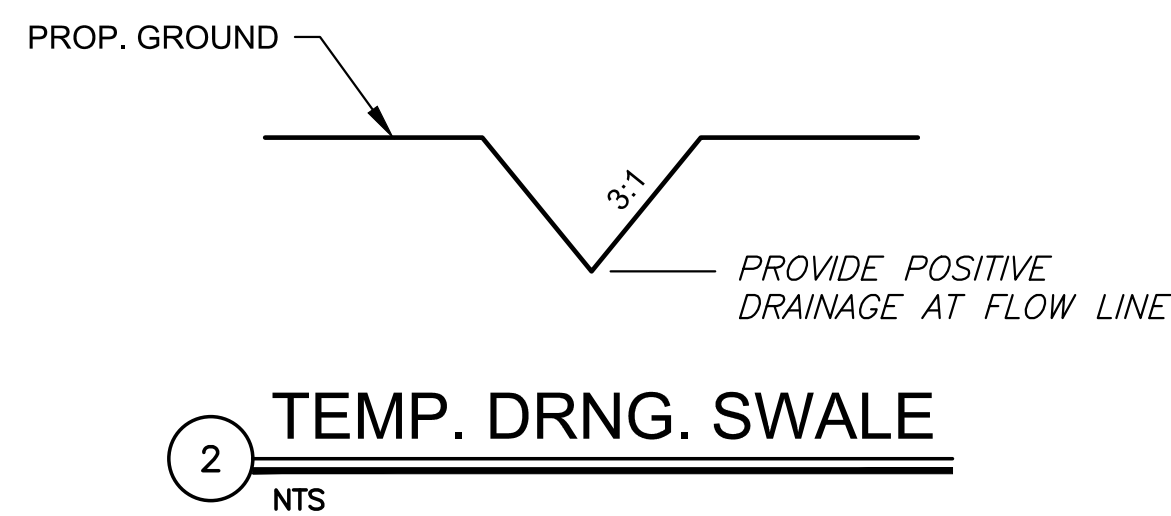
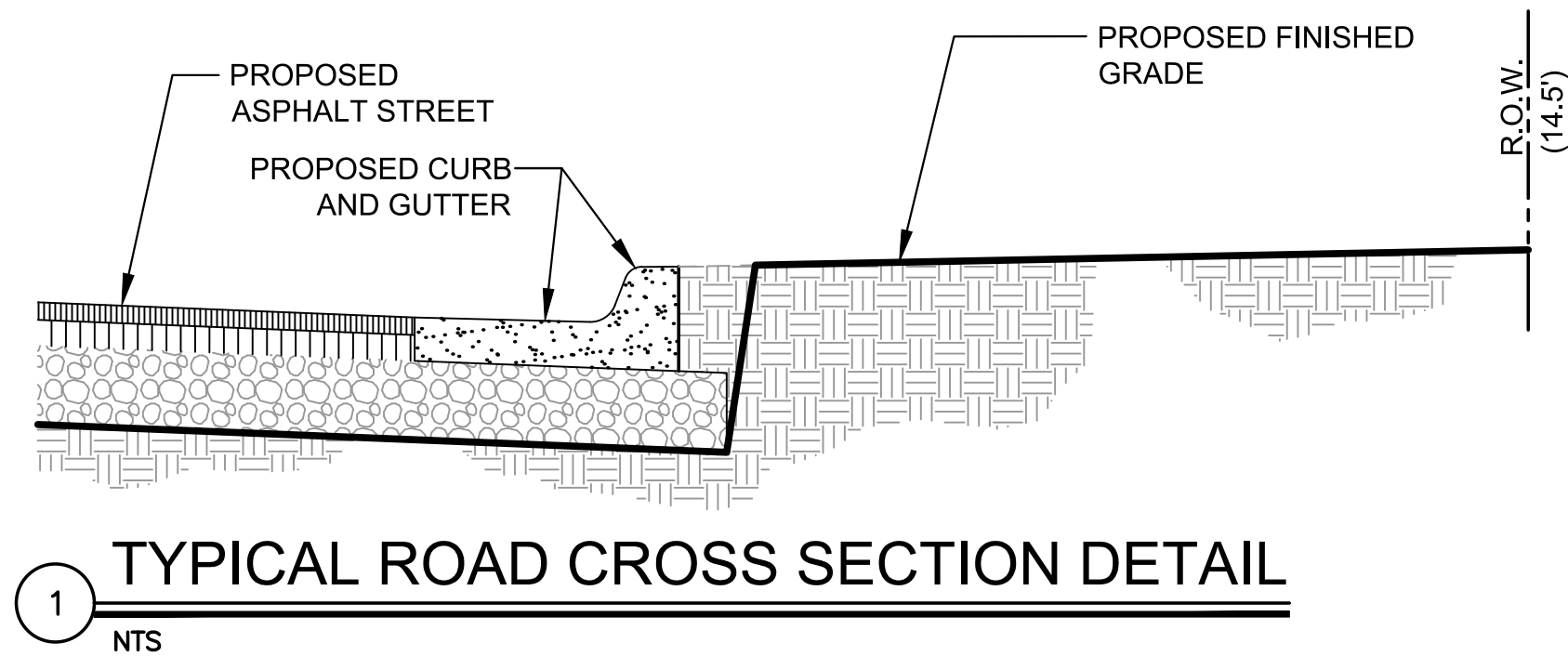


GENERAL GRADING NOTES

- THIS IS DESIGN GRADING. ALL GRADES ABOVE THE NORMAL POOL ELEVATION 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.
- EXISTING NATURAL AREAS (TREES & PASTURE) OUTSIDE OF THE NOTED LIMITS OF GRADING SHALL BE PRESERVED & SHALL BE OFF LIMITS TO ANY TYPE OF CONSTRUCTION ACTIVITY. TEMPORARY CONSTRUCTION FENCE SHALL BE ERECTED AROUND NOTED LOCATIONS PRIOR TO THE START OF CONSTRUCTION.
- A 6" LAYER OF TOPSOIL SHALL BE STRIPPED IN ALL AREAS OF CUT AND FILL AND SAVE BACK FOR TOPSOIL REPLACEMENT IN RESERVES (BERMS AND DRAINAGE WAYS), AND STREET R/W FOR CURB BACKFILL. NOTE: THE FINISHED GRADE INDICATES THE SURFACE ELEVATION AFTER THE ELEVATION LAYER OF TOPSOIL HAS BEEN PLACED. IN CASES WHERE GRADING IS DIRECTED UNDER TREE DRIP LINES NO TOPSOIL STRIPPING SHALL BE PERFORMED WITHIN THESE AREAS. (COST SUBSIDIARY TO EARTHWORK).
- CONTRACTOR SHALL COORDINATE WITH OWNER'S REPRESENTATIVE ON HAUL ROAD ROUTES, IF OTHER THAN THOSE INDICATED ON THE PLANS.
- EARTHWORK COMPACTION SHALL BE AT 95% STANDARD DENSITY. BERM COMPACTION SHALL BE AT 90% STANDARD DENSITY. CONTRACTOR SHALL PROVIDE TEST RESULTS TO CONFIRM COMPACTION.
- REMOVAL OF EXISTING DRIVES, PAVEMENT, STRUCTURES, AND DEBRIS SHALL BE SUBSIDIARY TO SITE CLEARING AND RESTORATION. DEBRIS IF CRUSHED INTO SMALL PIECES MAY BE WASTED ON SITE UNDER THE PROPOSED BERMS. THERE SHALL BE A MINIMUM OF 3" OF SOIL COVER. COORDINATE WITH OWNER'S REPRESENTATIVE.
- 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.
- A DENSITY TEST FOR EVERY LOT PER EACH FOOT OF FILL MATERIAL PLACED SHALL BE PERFORMED ON LOTS 1-24 BLOCK 2, LOTS 6-20 BLOCK 1. COST SHALL BE SUBSIDIARY TO BID ITEM TESTING.
- THE CONTRACTOR WILL BE REQUIRED TO PROVIDE COMPACTION TESTING FOR ENTIRE PROJECT THROUGH A CERTIFIED TESTING LAB. COMPACTION TESTING SHALL BE SUBSIDIARY TO BID ITEM TESTING. THE FREQUENCY OF TESTING SHALL BE ONE SITE PER LOT PER FOOT OF FILL.



J:\PROJECTS\2019\10\102388_ESTANCIA_SECOND_18338_CAD\SHOTS\05 CIVIL\GRD\18338-05-1100.DWG
 PLOTTED: Friday, December 20, 2019 @ 03:09PM

©2019 MKEC Engineering All Rights Reserved www.mkec.com
 These drawings and their contents, including, but not limited to, all concepts, designs, & ideas are the exclusive property of MKEC Engineering (MKEC), and may not be used or reproduced in any way without the express consent of MKEC.

GRADING DETAILS		
PROJECT NO.	468-2019-085431	
DATE	DEC. 2019	
SCALE	AS SHOWN	
DESIGNED	DRAWN	CHECKED
DFL	DML	DFL
NO.	REVISION	DATE
SHEET NO.		
03 OF 20		