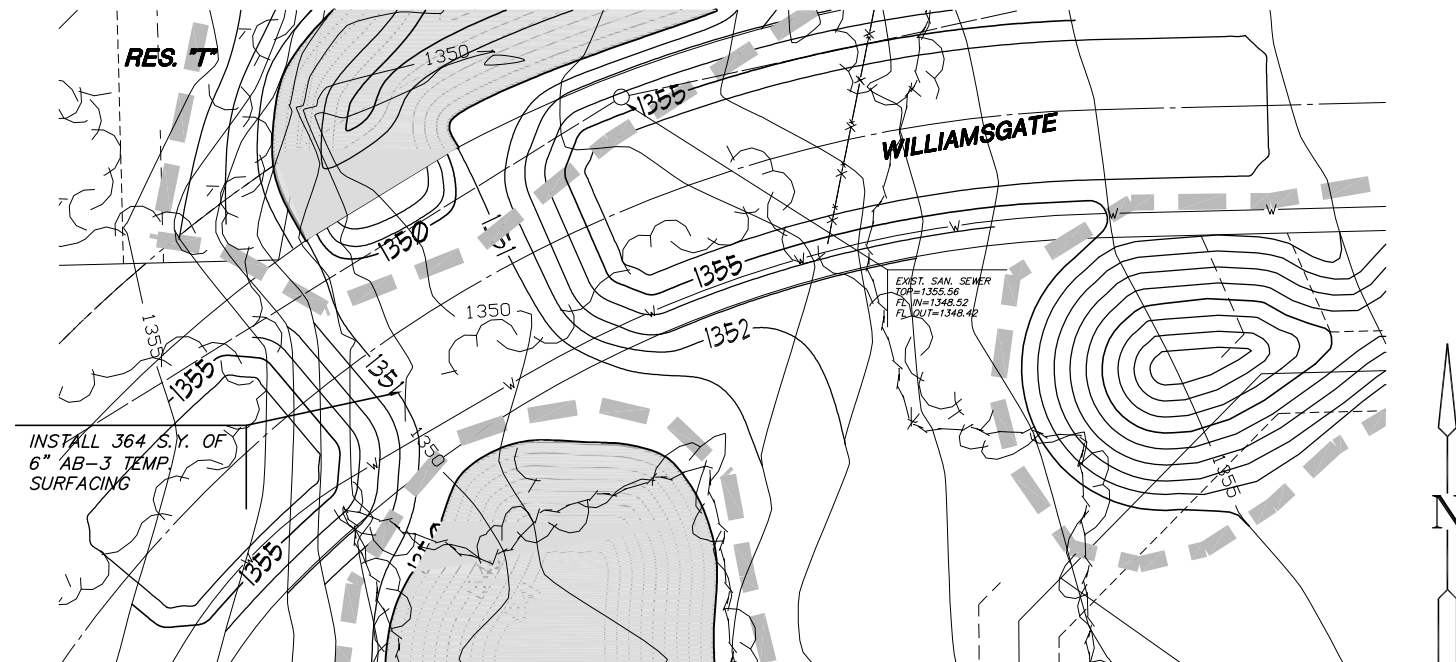


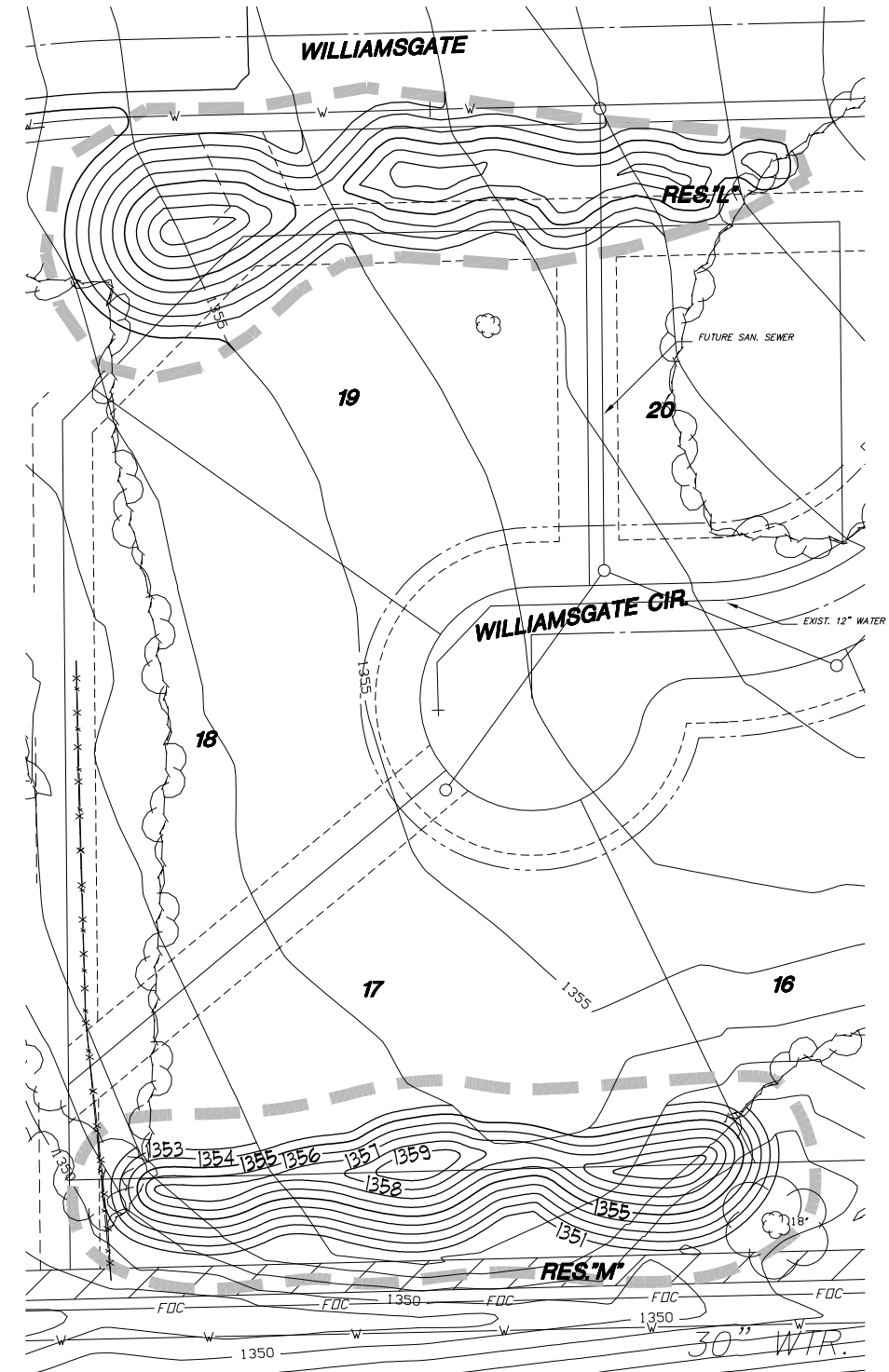
**TEMPORARY CROSSING FOR CAMDEN CHASE**

SCALE: 1" = 30'



**TEMPORARY CROSSING FOR WILLIAMSGATE**

SCALE: 1" = 30'



**BERM GRADING PLAN**

SCALE: 1" = 30'

**NOTES:**

1. AN 6" LAYER OF TOPSOIL SHALL BE STRIPPED IN ALL AREAS OF CUT AND FILL AND THEN PLACED AT A 6" THICKNESS ON PROPOSED GRADES. NOTE: THE FINISHED GRADE INDICATES THE SURFACE ELEVATION AFTER THE LAYER OF TOPSOIL HAS BEEN PLACED. TOPSOIL SHALL BE SUBSIDIARY TO EARTHWORK.
2. 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 PLAN ON THIS SHEET SHALL BE REFERRED TO FOR FINAL GRADING. THE GRADING SHALL BE APPROVED BY MKEC PRIOR TO THE ADDITION OF THE 6" TOPSOIL LAYER.
3. TEMPORARY SURFACING MATERIAL SHALL MEET KDOT SPECIFICATIONS FOR AB-3.

4. IF ANY 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 THE LANDSCAPE ARCHITECT PRIOR TO PLACEMENT.
5. EXISTING IRRIGATION SYSTEM IN CONFLICT WITH BERM GRADING, EMERGENCY ACCESS ROAD OR PAVING GRADING SHALL BE REMOVED TO THE EXTENT NEEDED BY THE CONTRACTOR. CARE SHALL BE TAKEN TO PRESERVE EXIST SPRINKLER HEADS AND CONTROL BOXES. THESE MATERIALS ARE TO BE STOCKPILED ON SITE FOR THE OWNERS USE. CONTRACTOR SHALL PLUG AND OR CAP EXISTING IRRIGATION LINES AFFECTED BY HIS WORK. COST SUBSIDIARY TO PROJECT.

**LEGEND**

— SEEDING AREA

FOR INFORMATION ONLY	
<b>BERM GRADING</b>	
CUT.....	230 C.Y.
COMP. FILL.....	5160 C.Y.
<b>ACCESS ROAD</b>	
COMP FILL.....	80 C.Y.

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**MKEC**  
ENGINEERING CONSULTANTS  
411 N. WEBB ROAD

**HAWTHORNE ADDITION**  
PROJECT NAME  
**BERM GRADING & TEMPORARY ROAD CROSSINGS**  
SHEET TITLE

DESIGN BY: *BH*      DRAWN BY: *BFL*      CHECKED BY: *DRK*

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