

Madison, Wisconsin

CITY OF MADISON

CITY ENGINEERING DIVISION

DEPARTMENT OF PUBLIC WORKS

PLAN OF PROPOSED IMPROVEMENT

SAUK CREEK GREENWAY-TREE TO HIGH POINT

CITY PROJECT NO. 10985
CONTRACT NO. 8460

PUBLIC IMPROVEMENT PROJECT APPROVED

JUNE 19, 2018

BY THE COMMON COUNCIL
OF MADISON, WISCONSIN

PUBLIC IMPROVEMENT DESIGN
APPROVED BY:

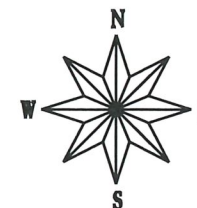
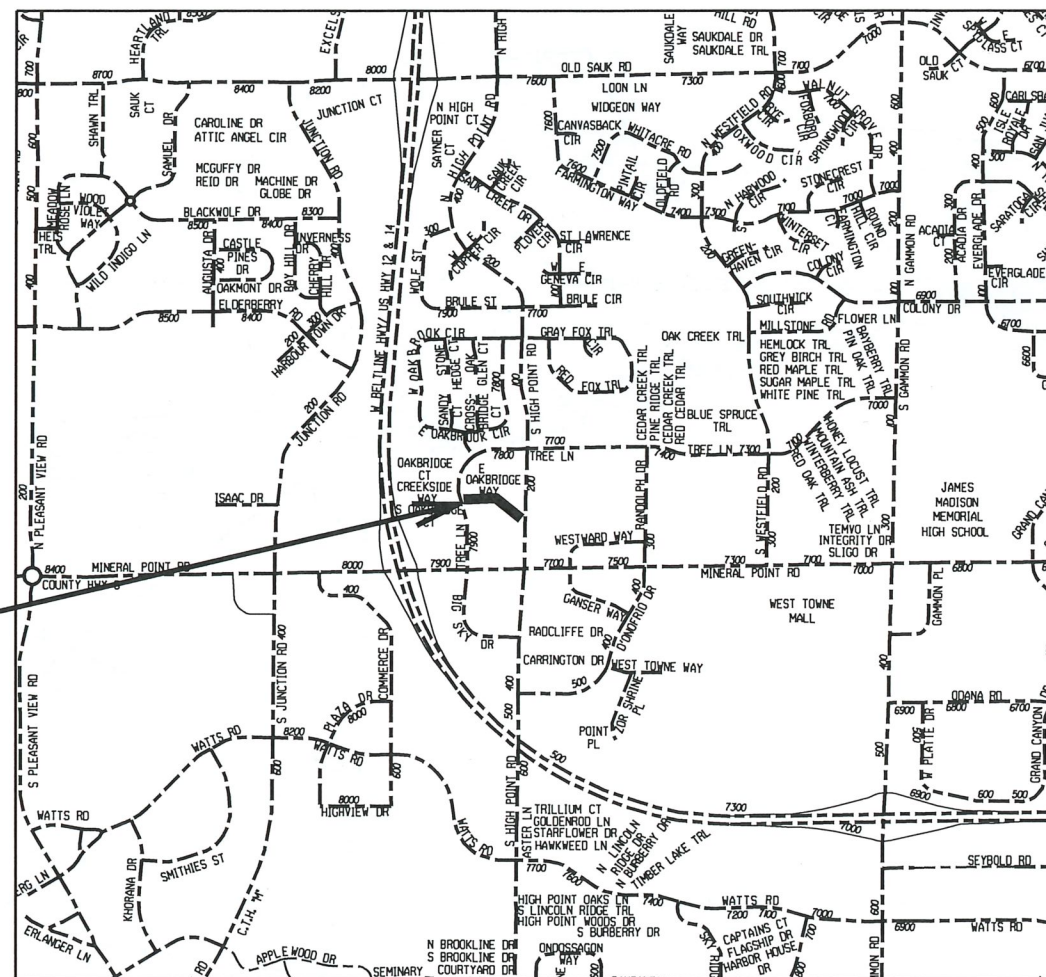
 7/22/19
City Engineer Date







GREENWAY
DESIGNED BY:



INDEX OF SHEETS

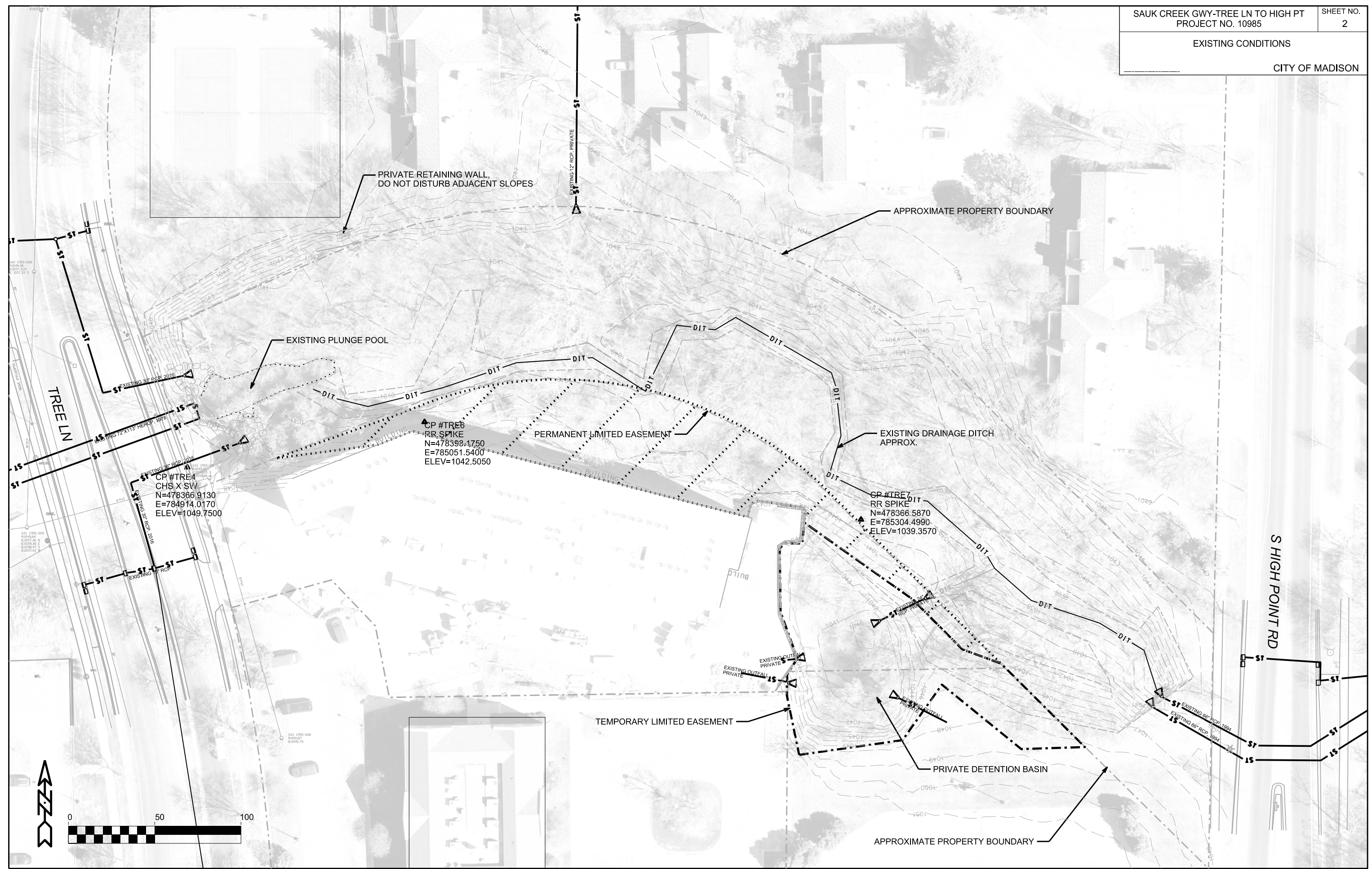
SHEET NO.	TITLE
SHEET NO. 1	EXISTING CONDITIONS
SHEET NO. 2	EROSION CONTROL & LAYDOWN PLAN
SHEET NO. 3	TREE REMOVAL PLAN
SHEET NO. 4	PLAN AND PROFILE
SHEET NO. 5-6	CHANNEL SECTION DETAILS
SHEET NO. 7	DETENTION BASIN DETAILS
SHEET NO. 8	GREENWAY CHANNEL CROSS SECTIONS



CONVENTIONAL SIGNS	
FIELD VERIFY ALL UTILITY LOCATIONS	
GAS	
STORM SEWER	
SANITARY SEWER	
WATER	
OVERHEAD ELECTRIC	
POWER POLE	

NOTES:

PLOT SCALE: _____ PLOT NAME: _____ REV. DATE: _____ ORIGINATOR: CITY OF MADISON, STREETS DIVISION

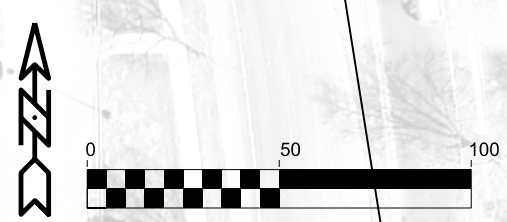


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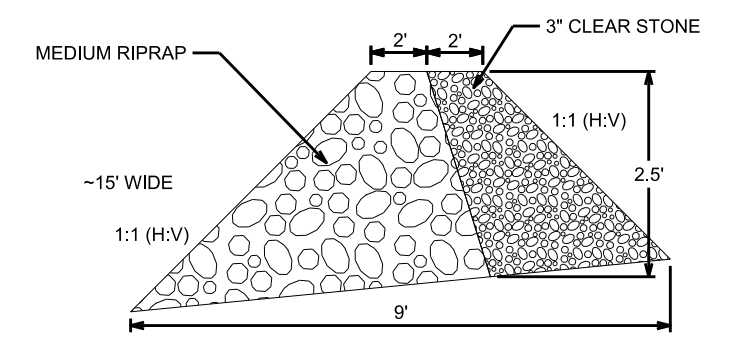
DISTURBED AREA OUTSIDE GRADING LIMITS SHALL BE FINISH GRADED PER BID ITEM 90033, AND RESTORED WITH THE INFILTRATION/WETLAND SEED MIX AND ECRM CLASS II, TYPE C-ORGANIC

CLEAR STONE BERM (DITCH CHECK) (TYP.) NOT ALL CLEAR STONE BERMS MAY BE NECESSARY TO CONTROL EROSION AND SHALL BE INSTALLED AT THE DISCRETION OF THE PROJECT ENGINEER

AREA WITHIN GRADING LIMITS, APART FROM THE DRAINAGE DITCH SHALL BE RESTORED WITH 3" TOPSOIL, INFILTRATION SEED MIX, AND ECRM CLASS II, TYPE C-ORGANIC

DRAINAGE DITCH SHALL BE RESTORED WITH THE INFILTRATION/WETLAND SEED MIX, AND ECRM CLASS II, TYPE C - ORGANIC

DETAIL: REINFORCED DITCH CHECK

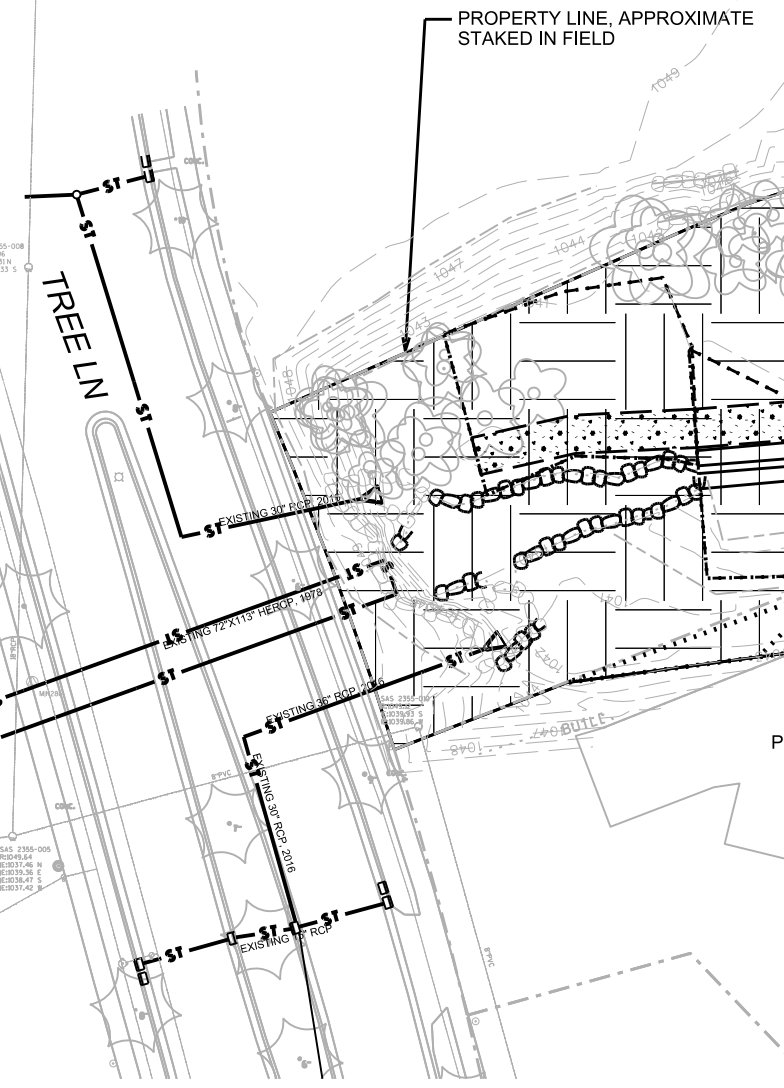


REINFORCED DITCH CHECK BID ITEM 90036, SEE DETAIL

CONSTRUCTION ENTRANCE

INLET PROTECTION - TYPE D HYBRID (TYP.)

S. HIGH POINT RD



PROPERTY LINE, APPROXIMATE

APPROXIMATE PERMANENT LIMITED EASEMENT

PRIVATE DETENTION BASIN TO CLEAR AND DREDGE

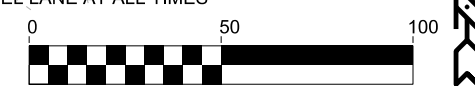
APPROXIMATE TEMPORARY LIMITED EASEMENT

RESTORE LAYDOWN AREA WITH 3" TOPSOIL, TERRACE SEED MIX, AND EROSION MATTING, CLASS 1, URBAN TYPE A






LAYDOWN AREA

PROPERTY LINE, APPROXIMATE

CONTRACTOR SHALL MAINTAIN 12' TRAVEL LANE AT ALL TIMES



- EROSION CONTROL NOTES:**
1. REINFORCED DITCH CHECK AND INLET PROTECTION SHALL BE IN PLACE PRIOR TO ANY OTHER CONSTRUCTION ACTIVITIES, INCLUDING TREE REMOVAL.
 2. THE CONTRACTOR IS RESPONSIBLE FOR THE CONSTRUCTION AND MAINTENANCE OF ALL EROSION CONTROL MEASURES, UNTIL FINAL ACCEPTANCE BY THE CITY OF MADISON.
 3. THE CONTRACTOR SHALL INSTALL AND MAINTAIN EROSION CONTROL MEASURES IN ACCORDANCE WITH THE WDNR SOC STANDARDS AND CITY OF MADISON STANDARD SPECIFICATIONS.
 4. THE CONTRACTOR SHALL PROVIDE STREET SWEEPING AS NEEDED ON A DAILY BASIS TO KEEP TRACKING TO A MINIMUM.
 5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL STORM WATER CONTROL MEASURES NECESSARY WITHIN THE CHANNEL, AND ASSOCIATED DRAINAGES.
 6. THE CONTRACTOR SHALL NOT STOCKPILE MATERIAL OR STORE EQUIPMENT WITHIN THE CHANNEL.
 7. THE CONTRACTOR SHALL INSTALL SILT SOCK OR SILT FENCE AT THE DIRECTION OF THE CONSTRUCTION ENGINEER.
 8. THE CONTRACTOR SHALL NOT STOCKPILE TOPSOIL IN THE CHANNEL, AND SHALL INSTALL TWO LAYERS OF SILT FENCE AROUND STOCKPILED TOPSOIL.

-  TERRACE SEED MIX
-  INFILTRATION SEED MIX
-  INLET PROTECTION, TYPE D HYBRID
-  REINFORCED DITCH CHECK TO BE INSTALLED AT THE END OF THE CHANNEL
-  CLEAR STONE BERMS (DITCH CHECKS) TO BE INSTALLED WITHIN THE EXISTING DRAINAGE DITCH AT THE DISCRETION OF THE PROJECT ENGINEER

PLOT SCALE: _____

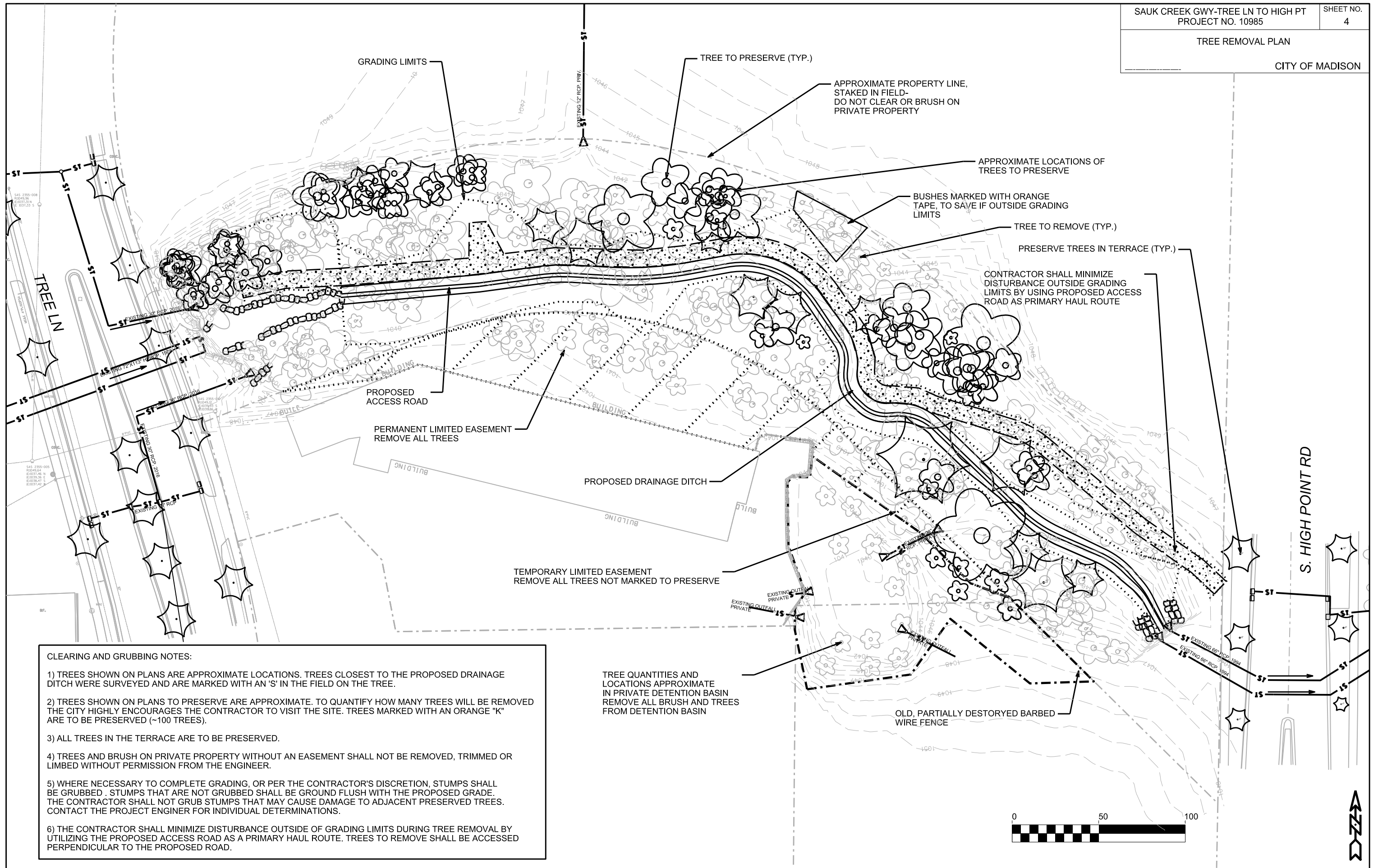
PLOT NAME: _____

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TREE REMOVAL PLAN

CITY OF MADISON



PLOT SCALE: _____

PLOT NAME: _____

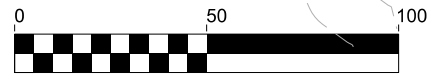
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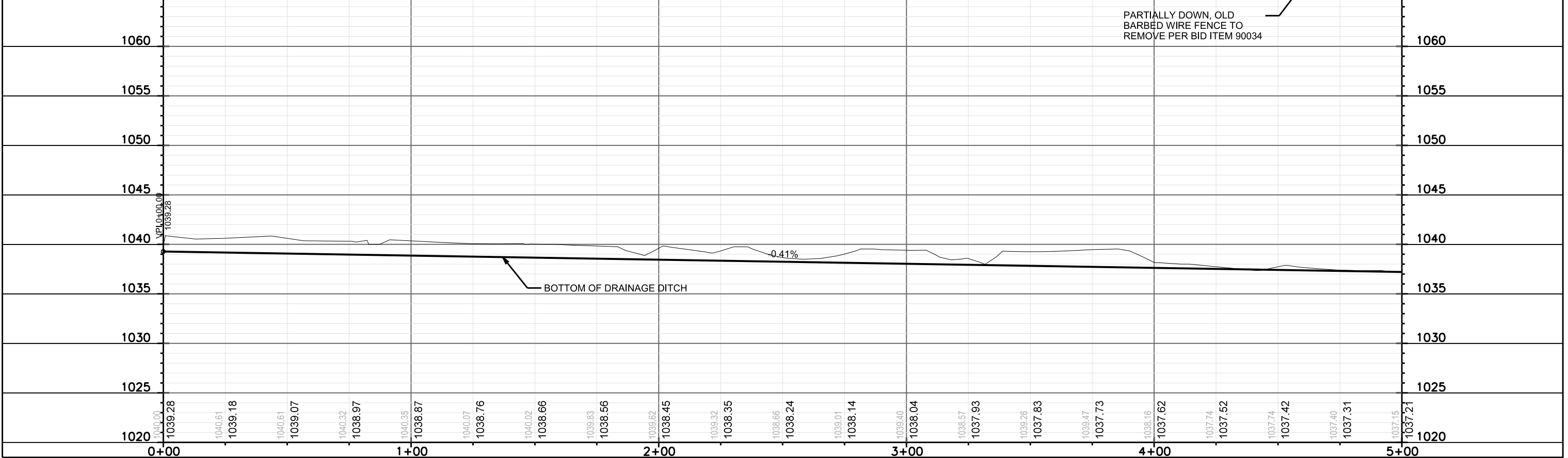
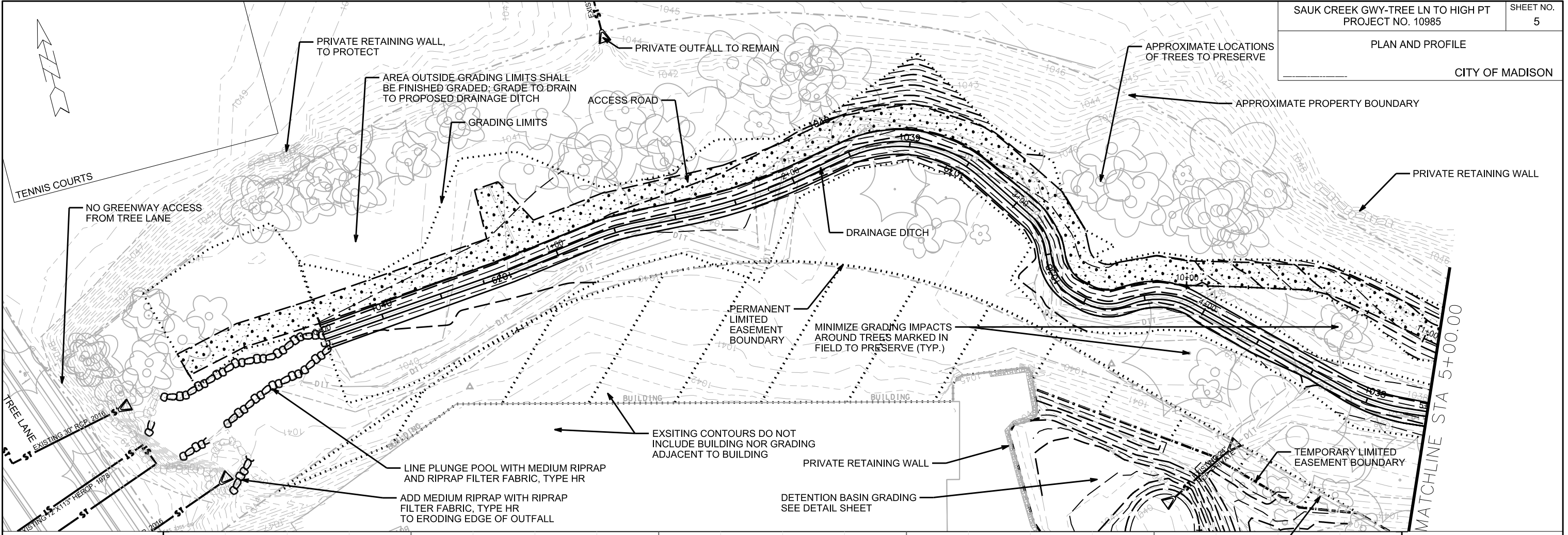
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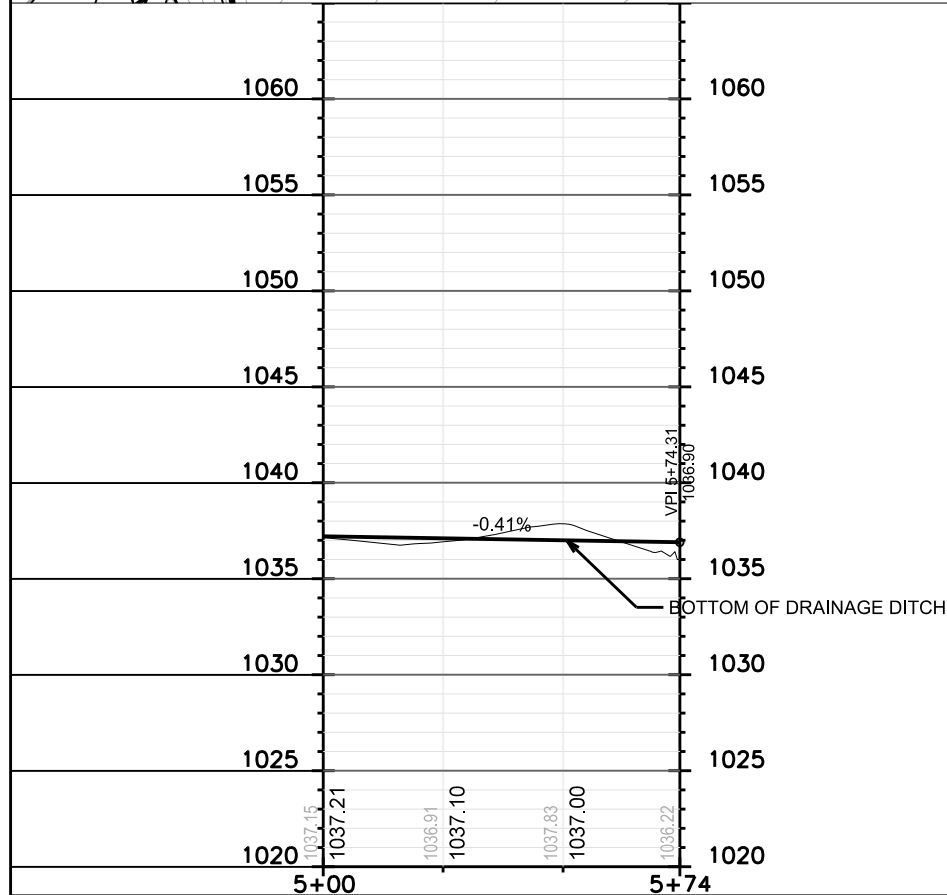
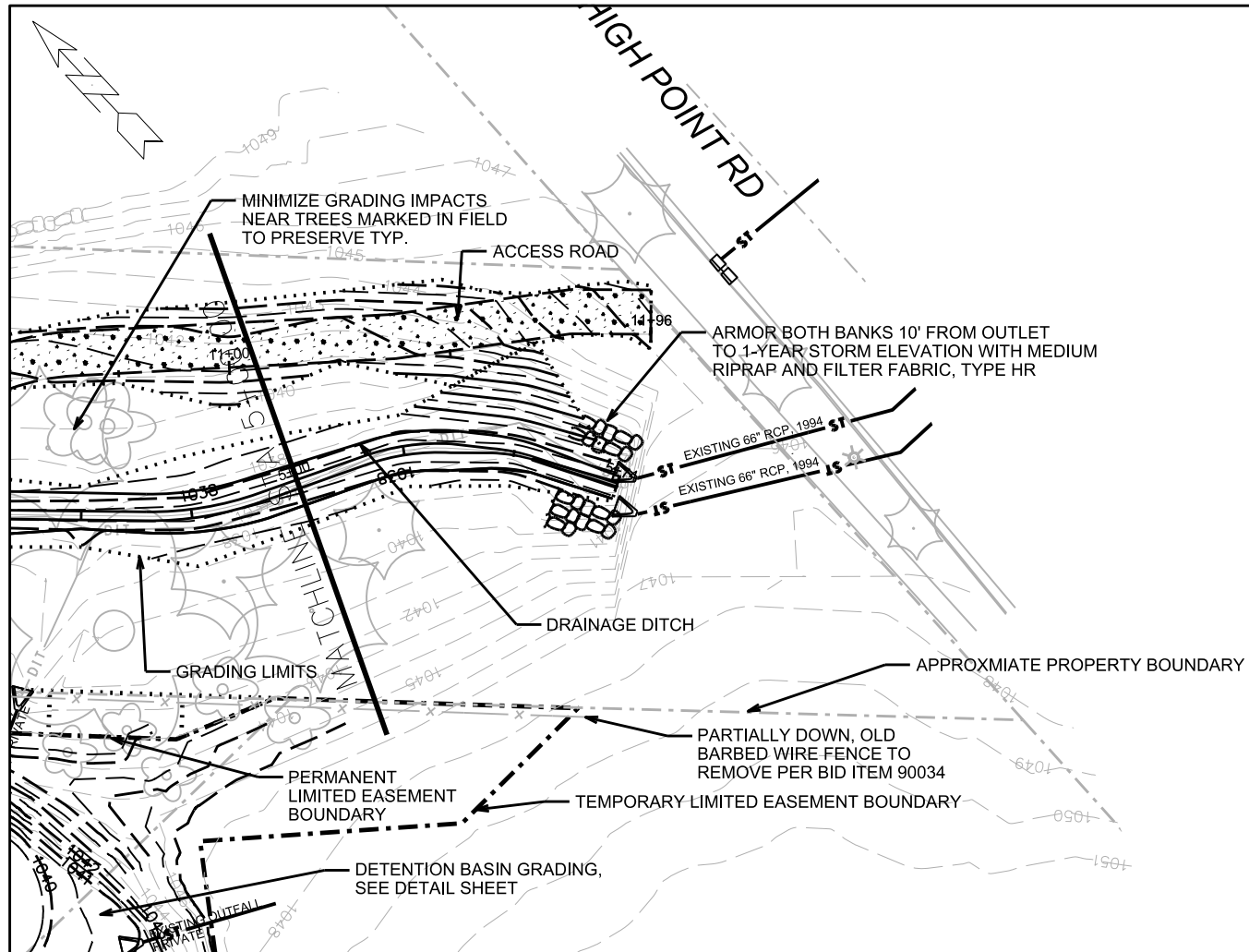
CLEARING AND GRUBBING NOTES:

- 1) TREES SHOWN ON PLANS ARE APPROXIMATE LOCATIONS. TREES CLOSEST TO THE PROPOSED DRAINAGE DITCH WERE SURVEYED AND ARE MARKED WITH AN 'S' IN THE FIELD ON THE TREE.
- 2) TREES SHOWN ON PLANS TO PRESERVE ARE APPROXIMATE. TO QUANTIFY HOW MANY TREES WILL BE REMOVED THE CONTRACTOR HIGHLY ENCOURAGES THE CONTRACTOR TO VISIT THE SITE. TREES MARKED WITH AN ORANGE "K" ARE TO BE PRESERVED (~100 TREES).
- 3) ALL TREES IN THE TERRACE ARE TO BE PRESERVED.
- 4) TREES AND BRUSH ON PRIVATE PROPERTY WITHOUT AN EASEMENT SHALL NOT BE REMOVED, TRIMMED OR LIMBED WITHOUT PERMISSION FROM THE ENGINEER.
- 5) WHERE NECESSARY TO COMPLETE GRADING, OR PER THE CONTRACTOR'S DISCRETION, STUMPS SHALL BE GRUBBED. STUMPS THAT ARE NOT GRUBBED SHALL BE GROUND FLUSH WITH THE PROPOSED GRADE. THE CONTRACTOR SHALL NOT GRUB STUMPS THAT MAY CAUSE DAMAGE TO ADJACENT PRESERVED TREES. CONTACT THE PROJECT ENGINEER FOR INDIVIDUAL DETERMINATIONS.
- 6) THE CONTRACTOR SHALL MINIMIZE DISTURBANCE OUTSIDE OF GRADING LIMITS DURING TREE REMOVAL BY UTILIZING THE PROPOSED ACCESS ROAD AS A PRIMARY HAUL ROUTE. TREES TO REMOVE SHALL BE ACCESSED PERPENDICULAR TO THE PROPOSED ROAD.

TREE QUANTITIES AND LOCATIONS APPROXIMATE IN PRIVATE DETENTION BASIN REMOVE ALL BRUSH AND TREES FROM DETENTION BASIN







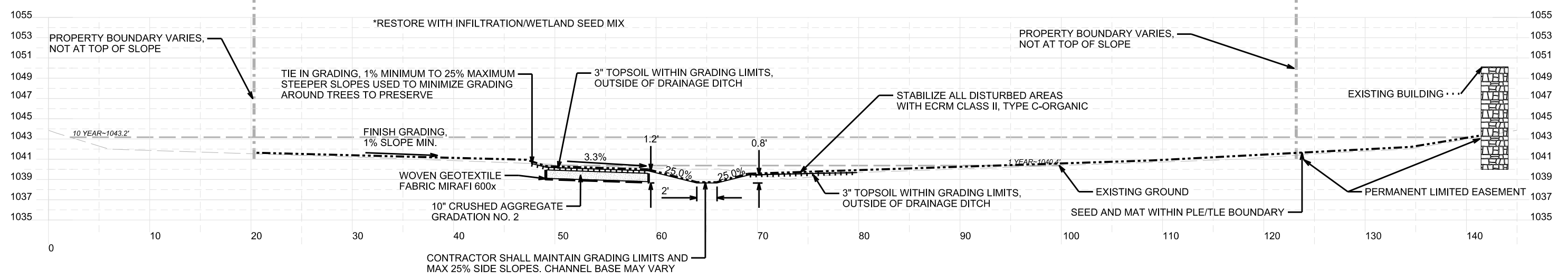
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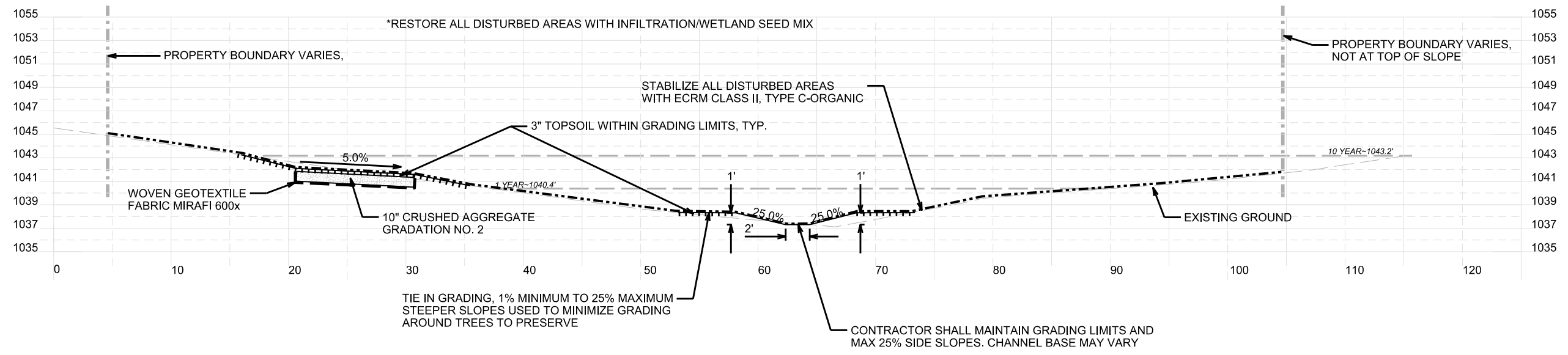
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ORIGINATOR: CITY OF MADISON, STREETS DIVISION

TYPICAL SECTION - CHANNEL WITH CONNECTED ACCESS ROAD



TYPICAL SECTION - CHANNEL WITH SEPARATED ACCESS ROAD

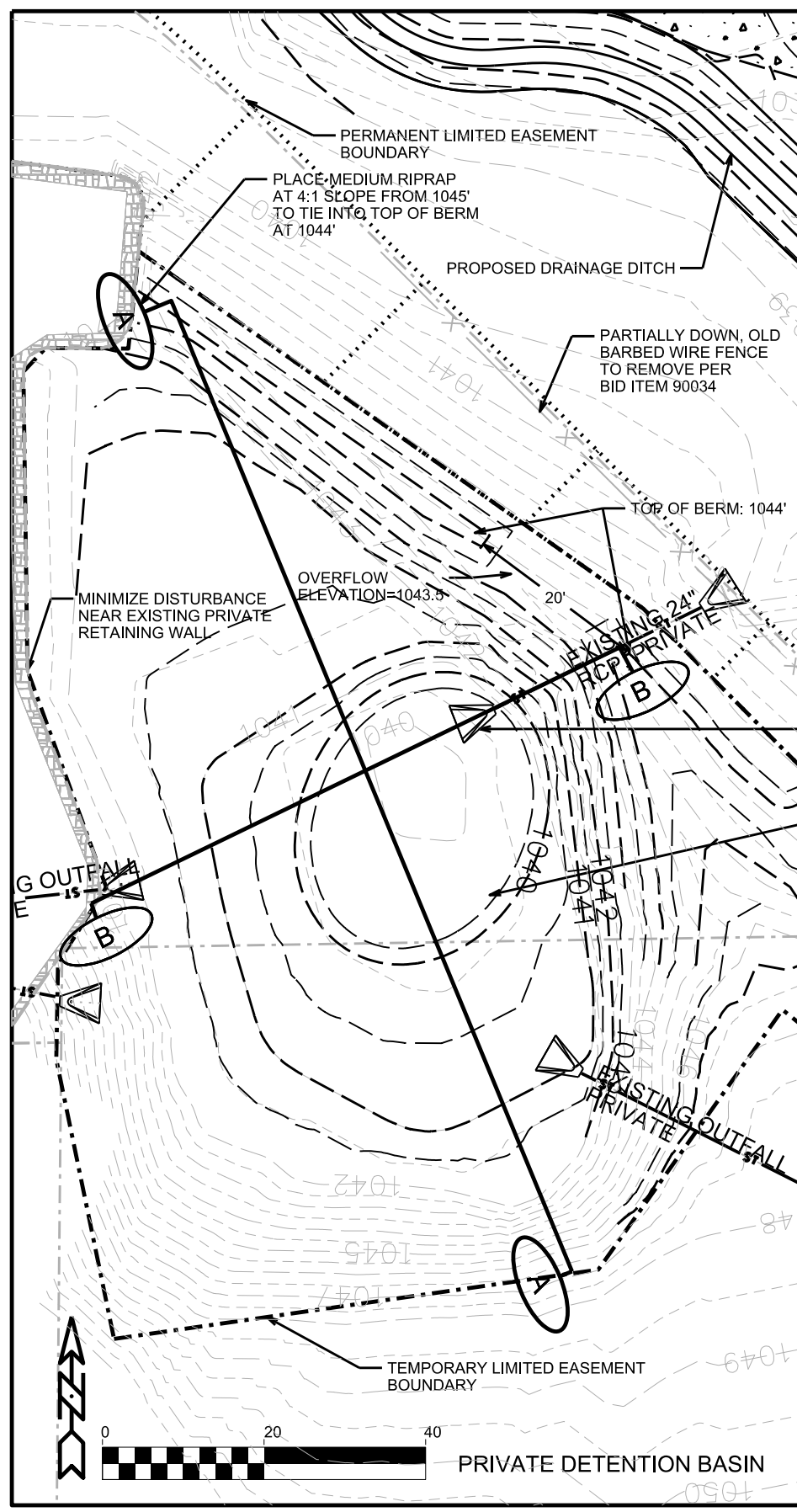


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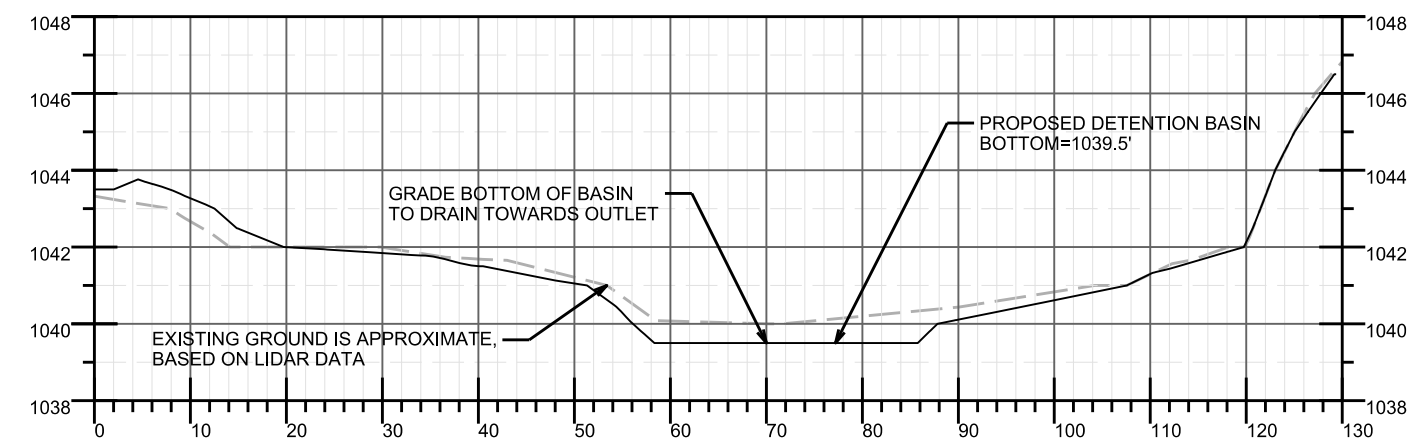
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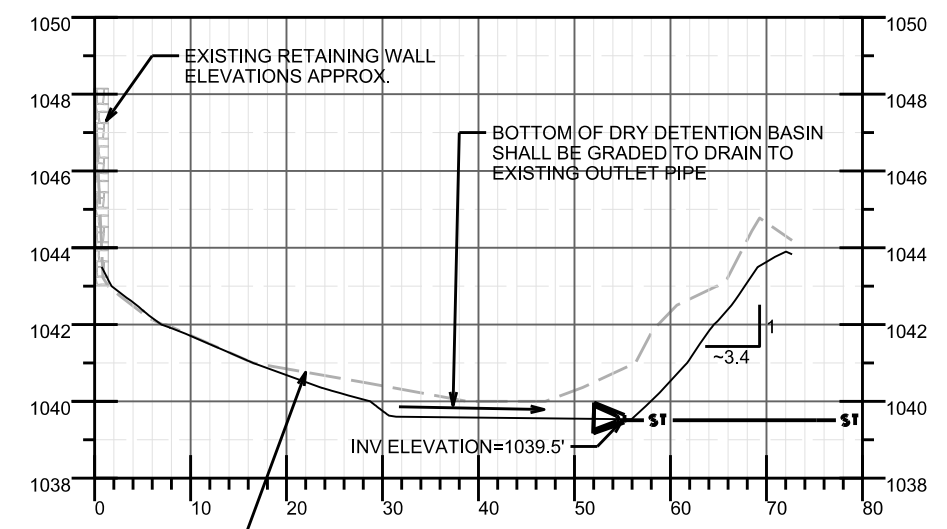
SECTION A-A



CONTRACTOR SHALL CLEAN EXISTING OUTLET PIPE. THE CLOGGED PIPE IS CAUSING THE SATURATION OF THE SEDIMENT TO BE DREDGED

PROPOSED BASIN BOTTOM=1039.5'

SECTION B-B



EXISTING GROUND ELEVATION IS APPROXIMATE, BASED ON LIDAR DATA

PLOT SCALE: _____

REV. DATE: _____

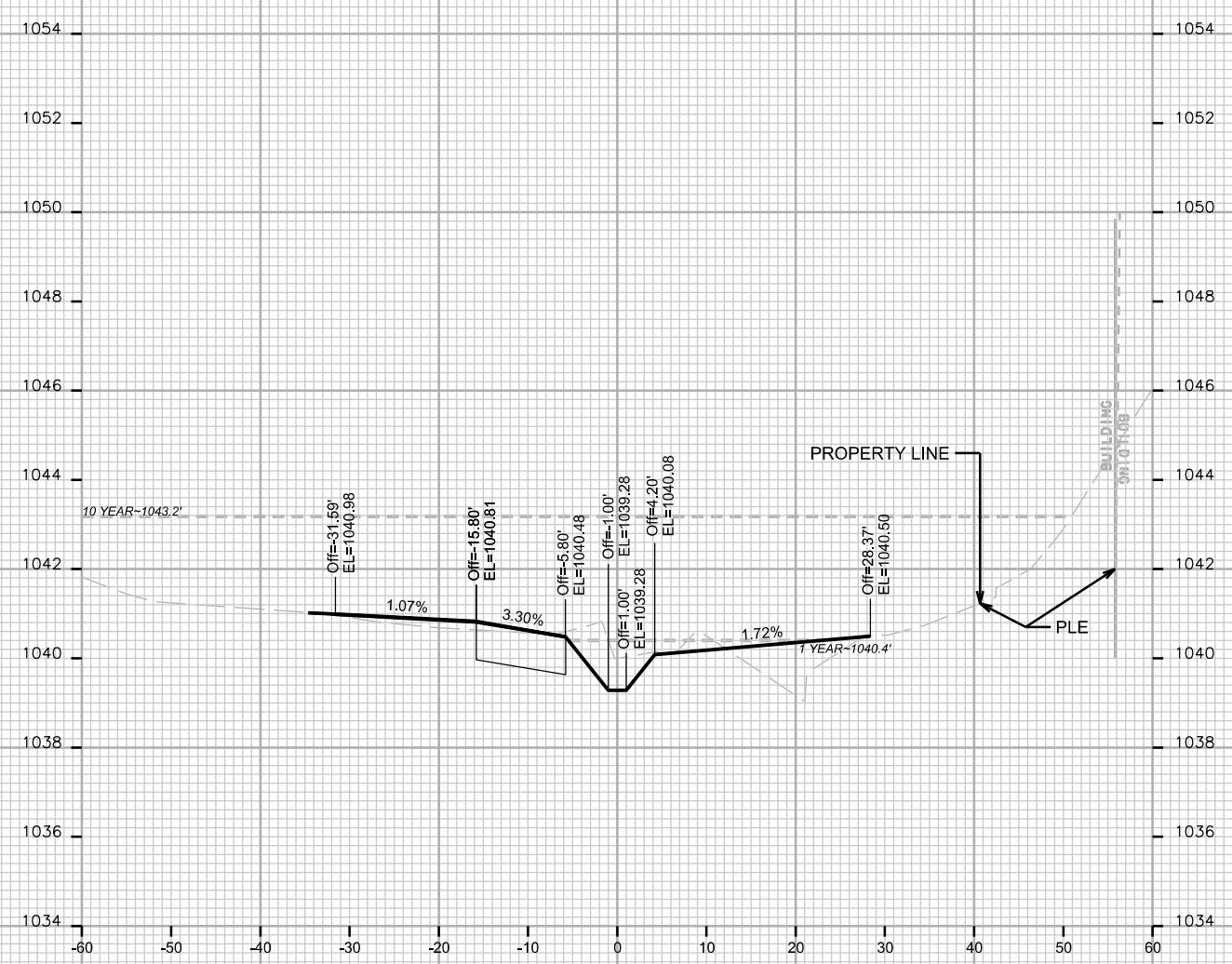
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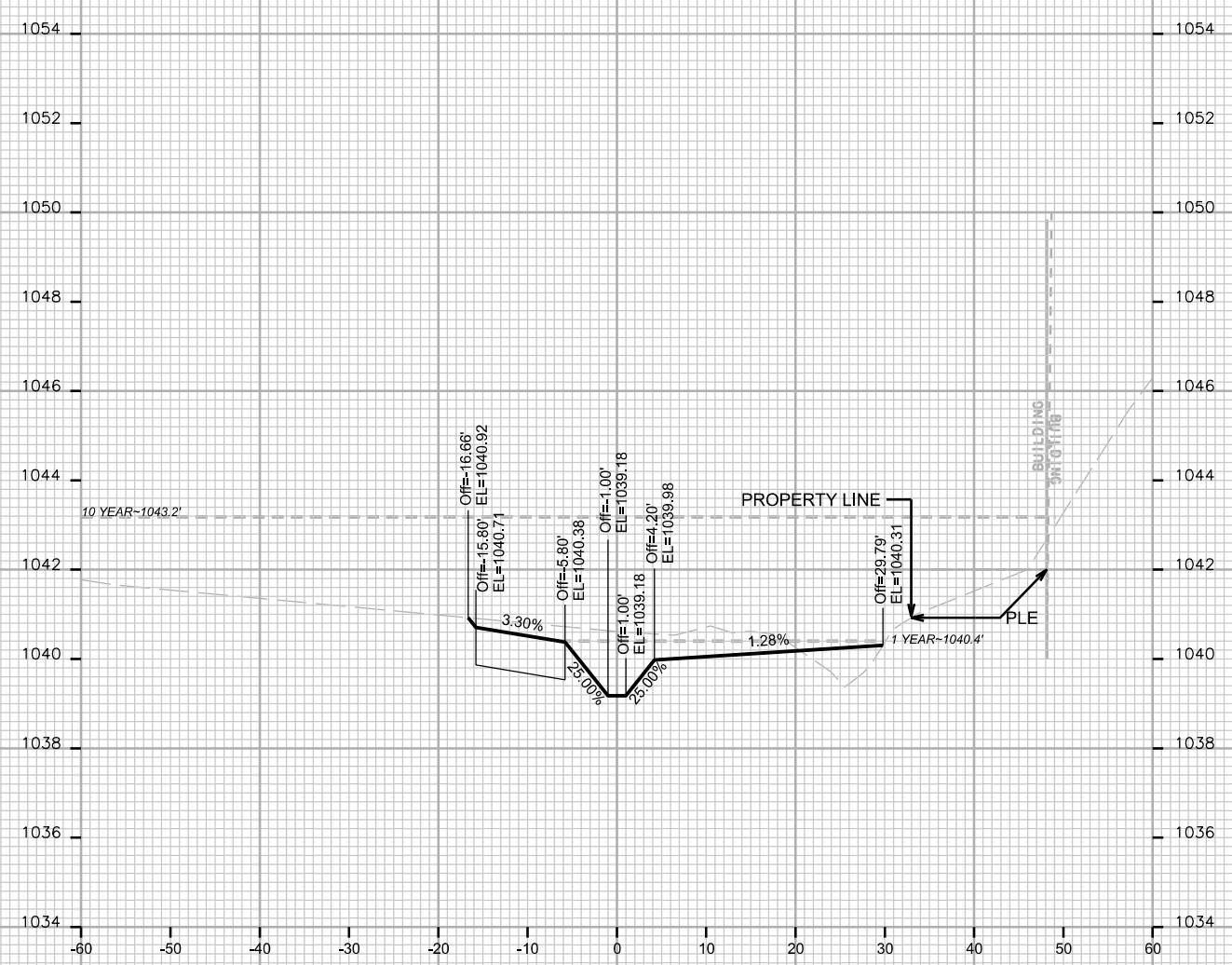
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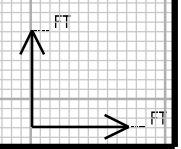
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STA. 0+00



STA. 0+25

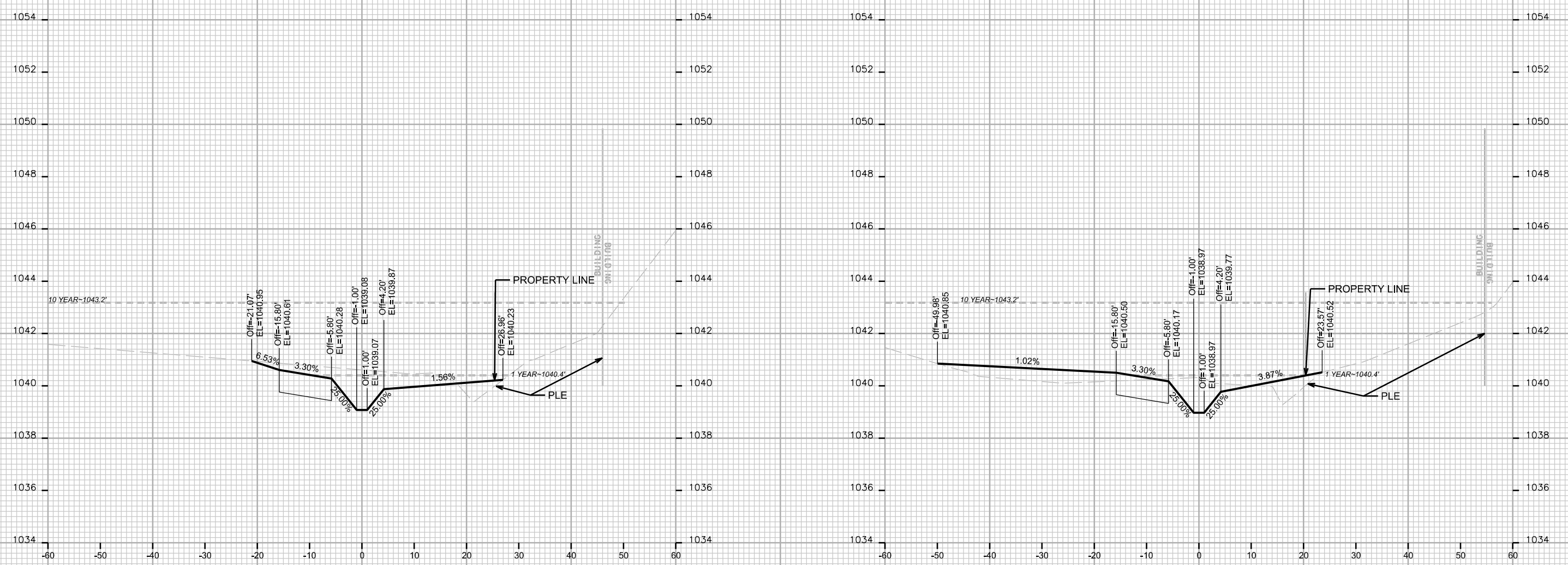


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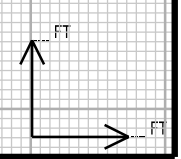
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STA. 0+50

STA. 0+75

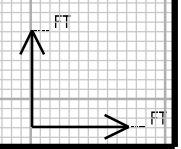
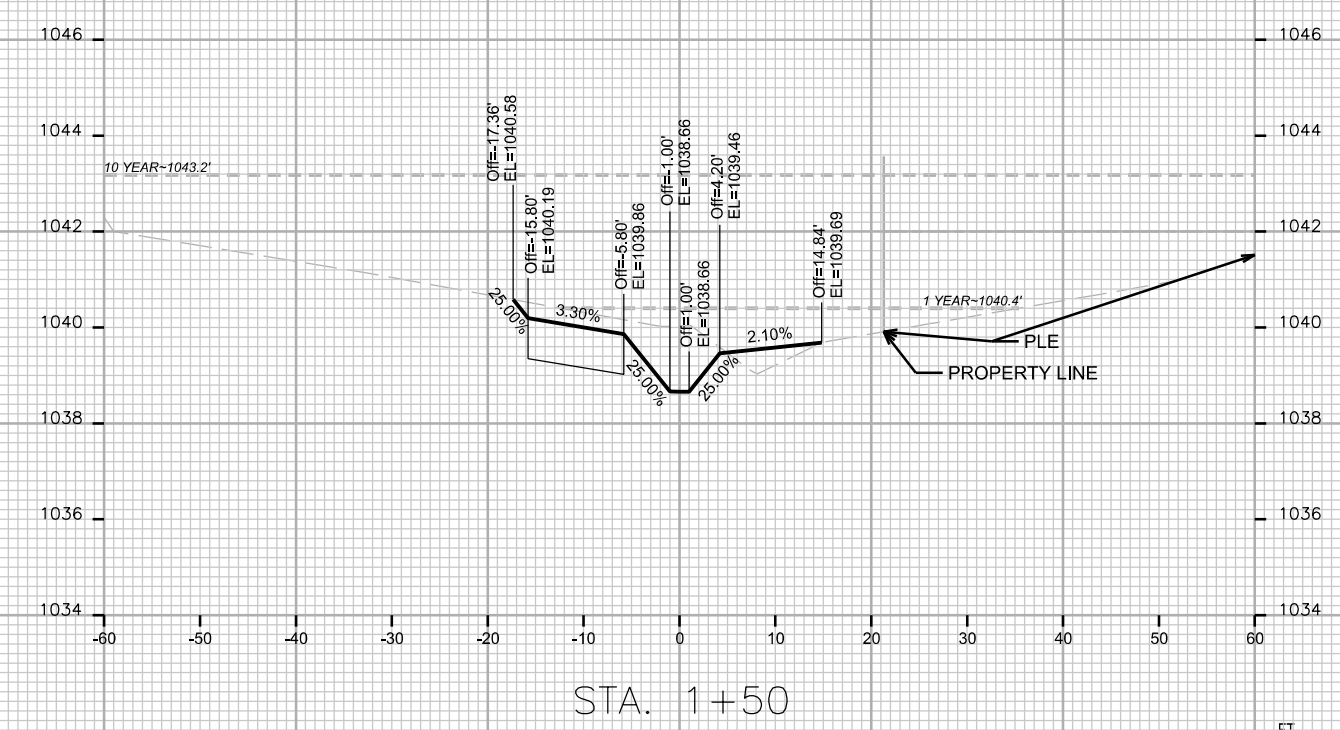
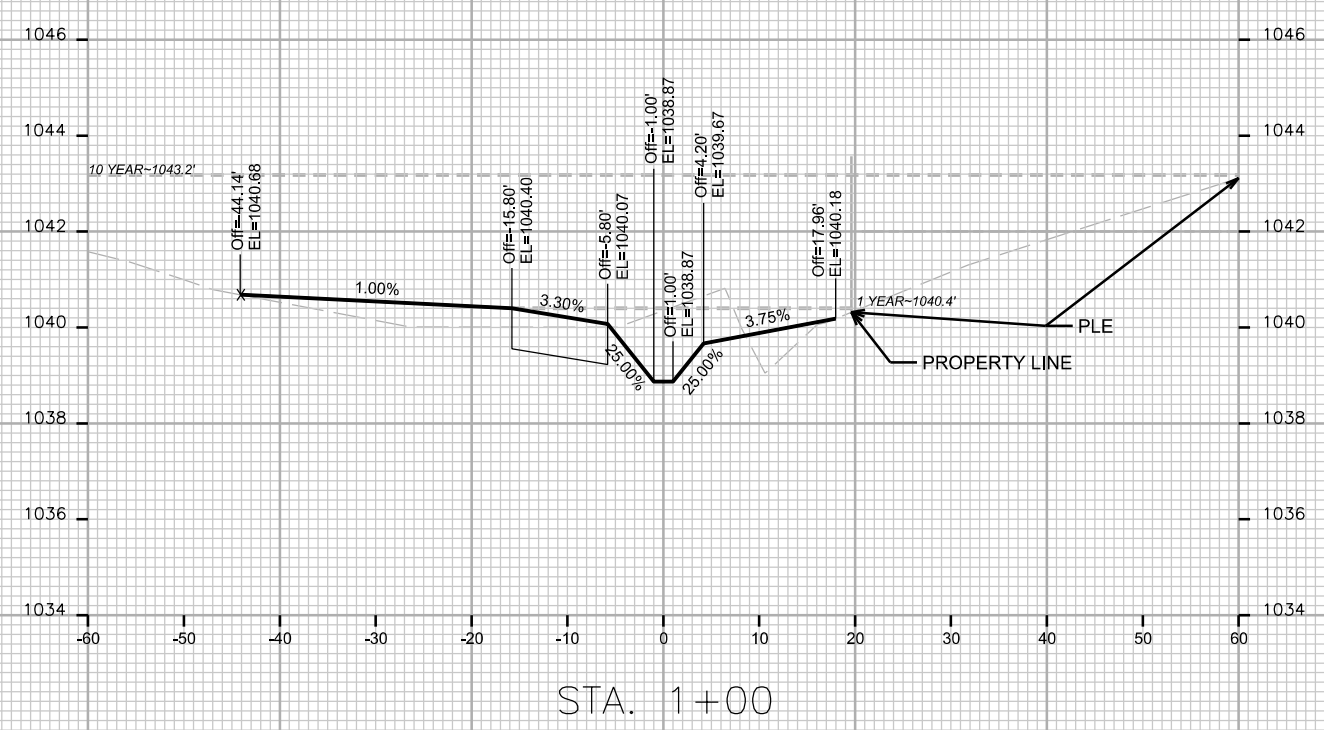
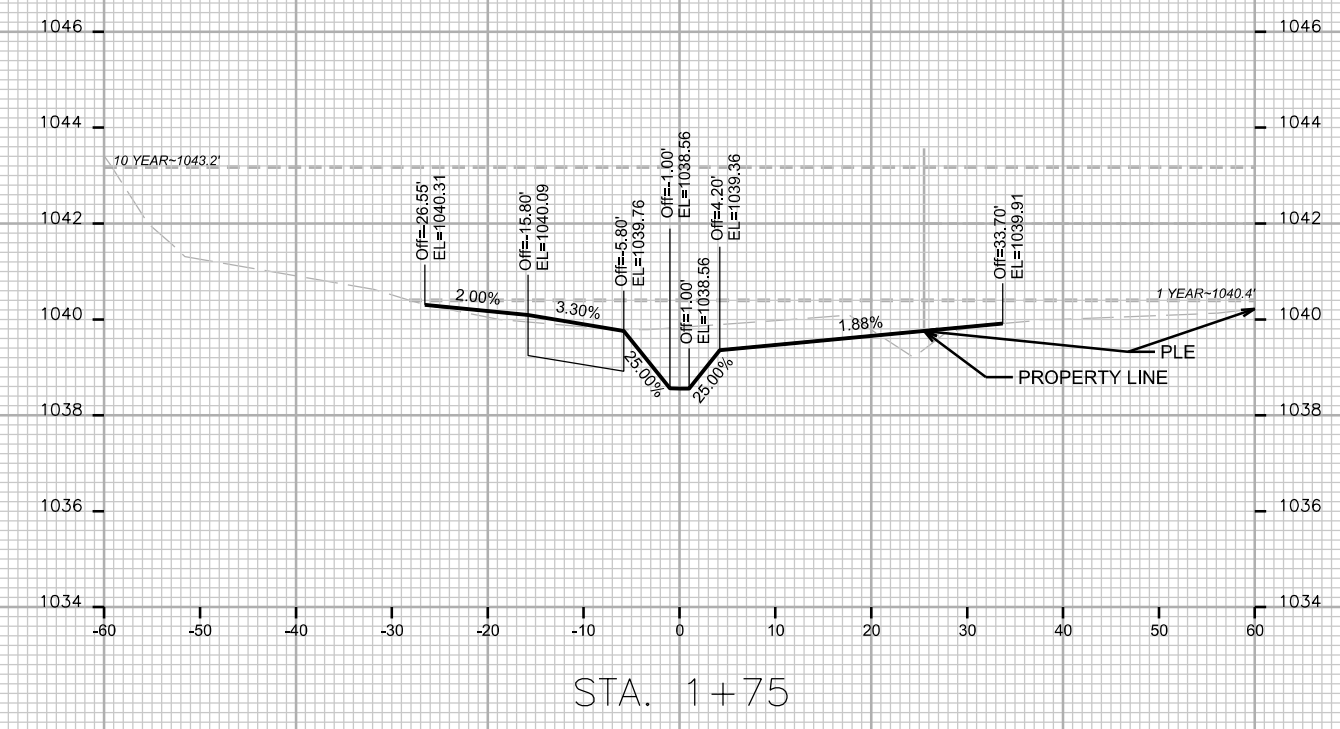
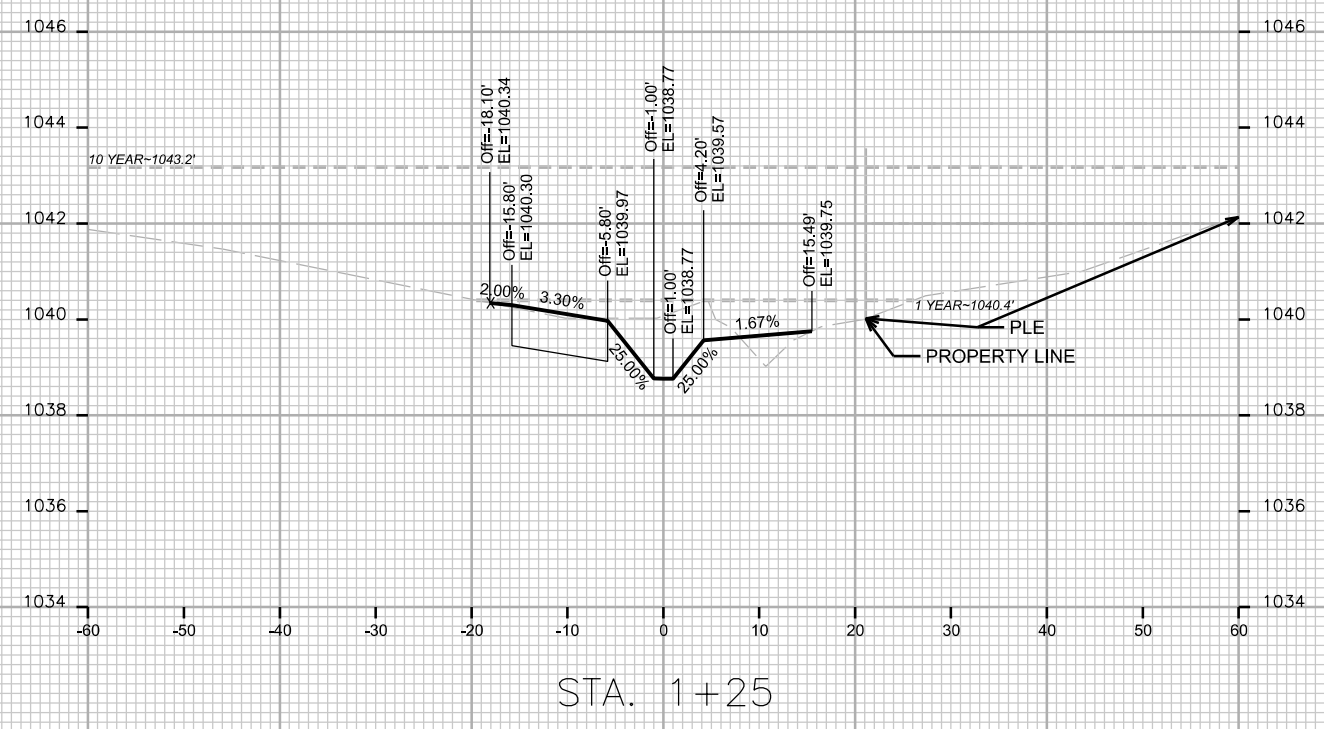


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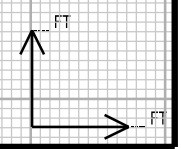
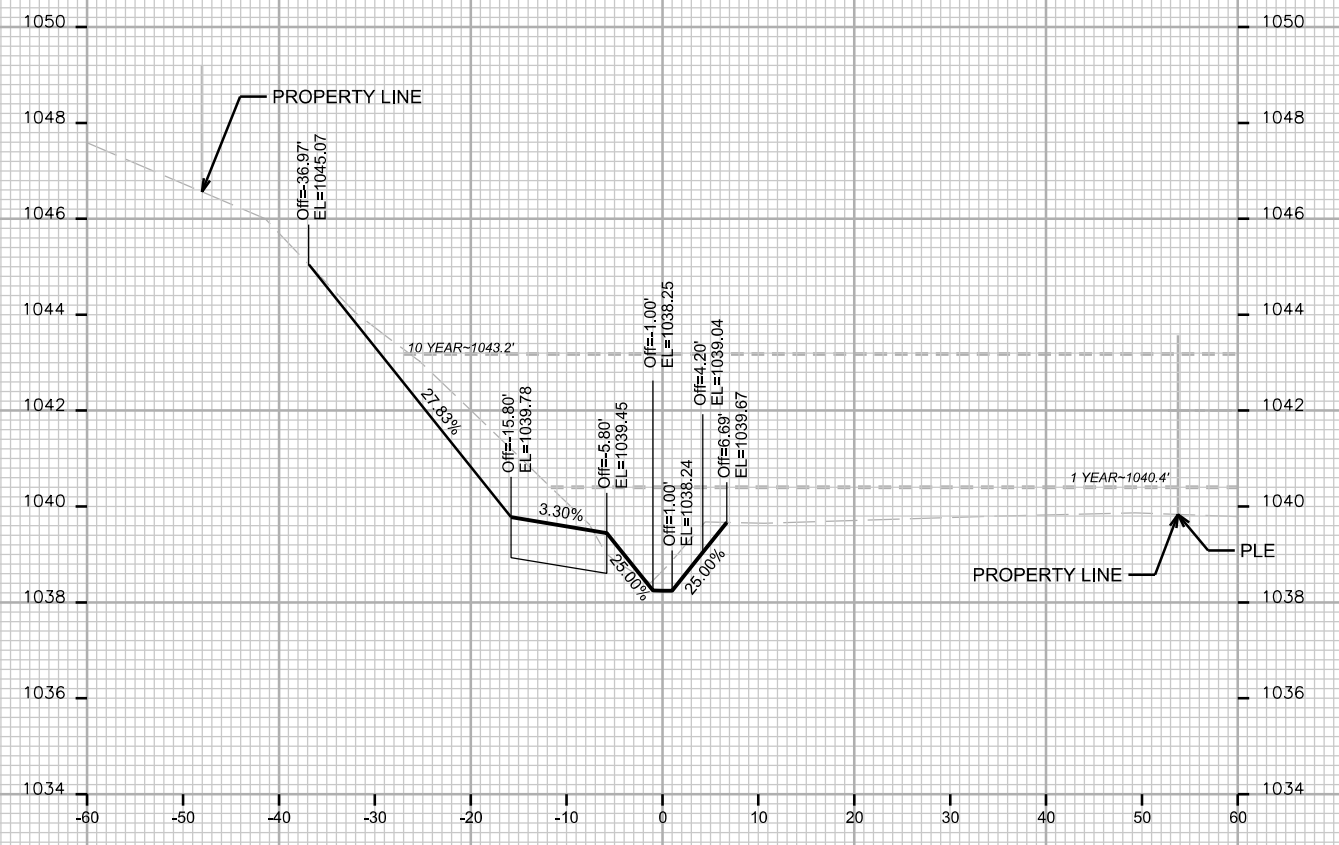
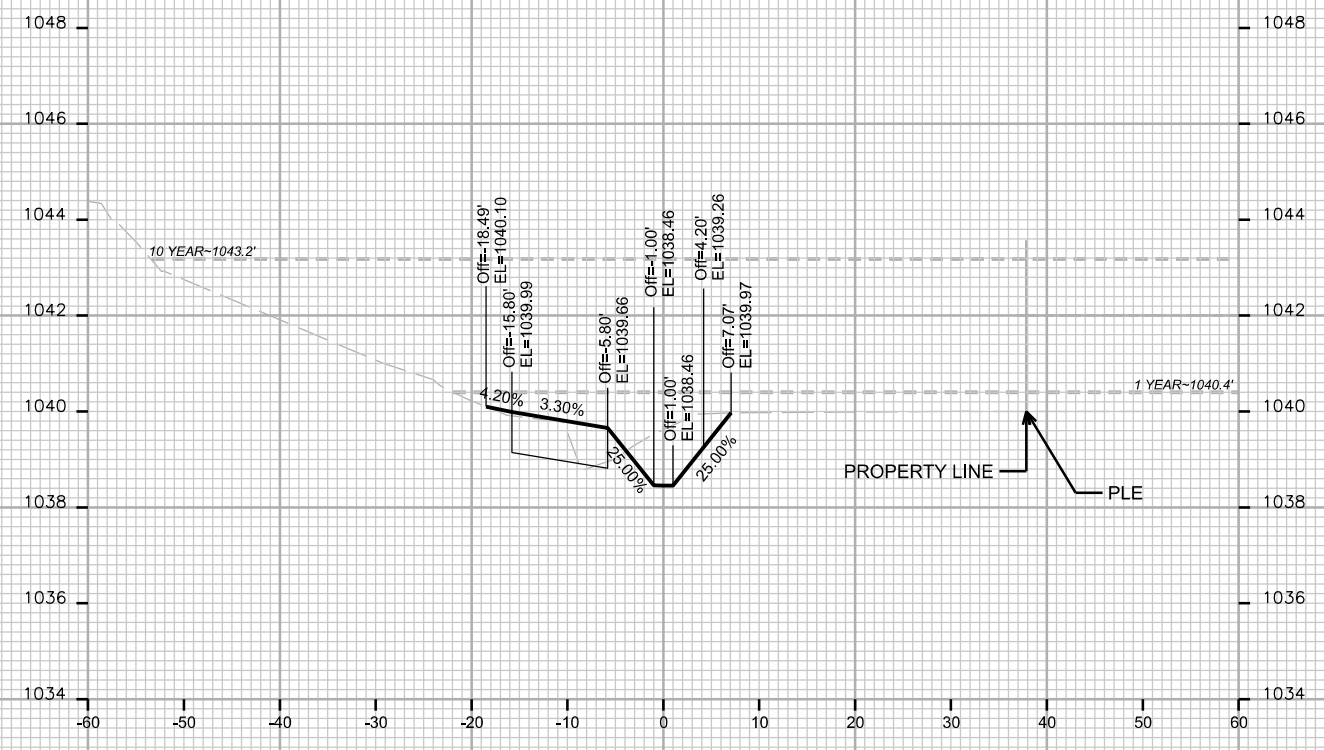
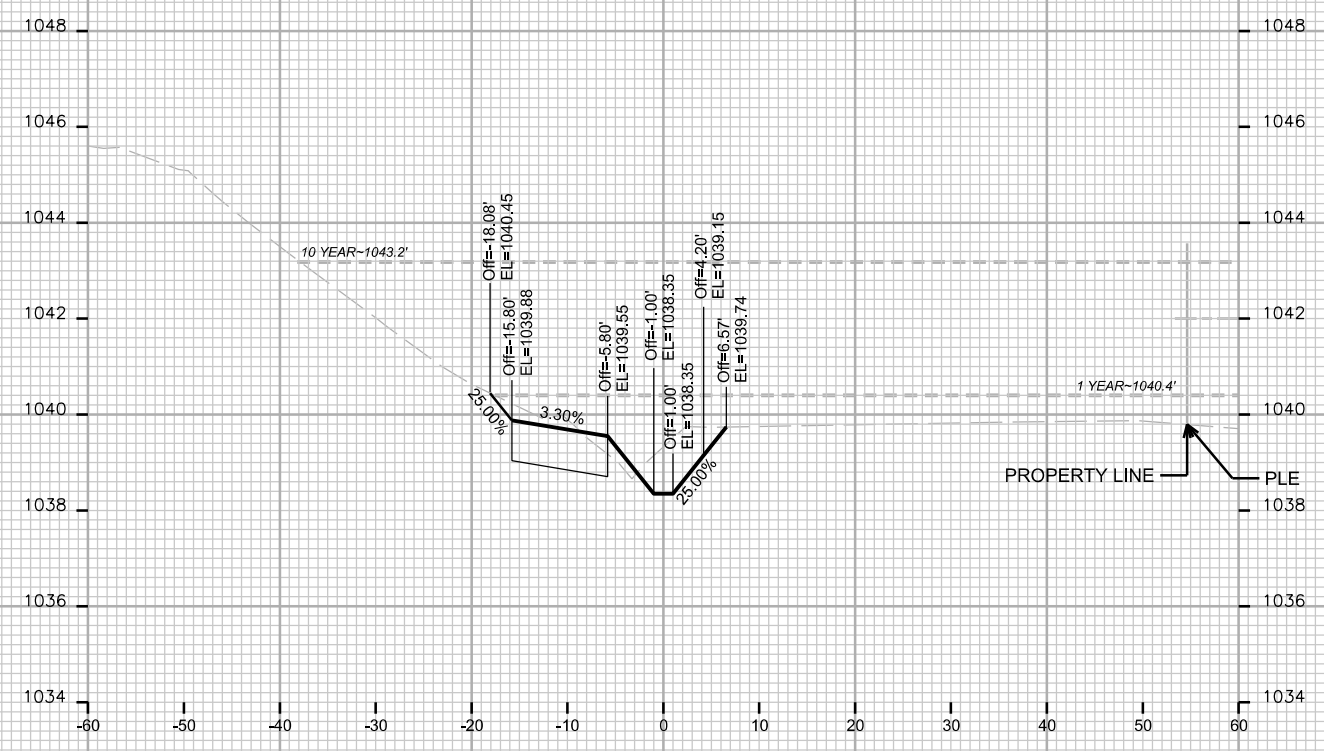


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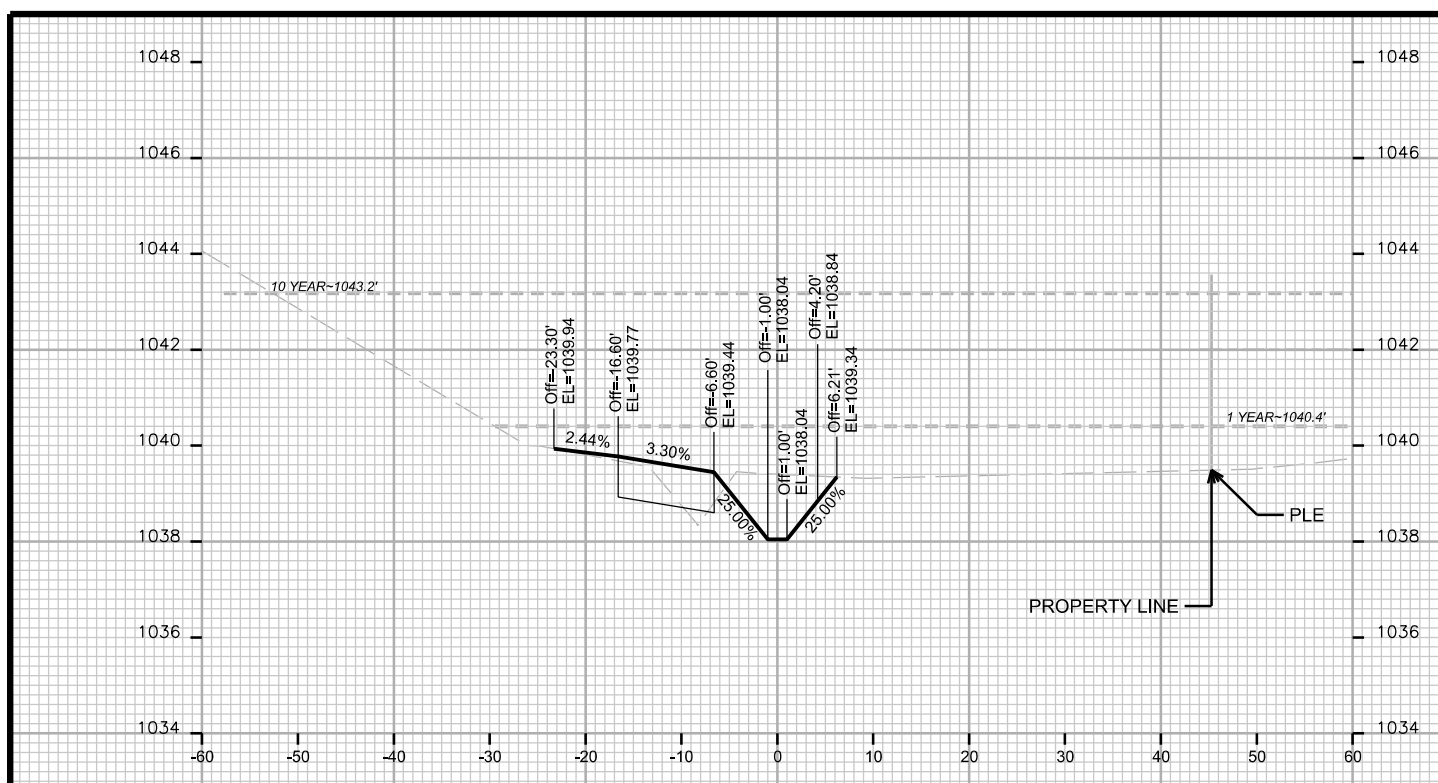
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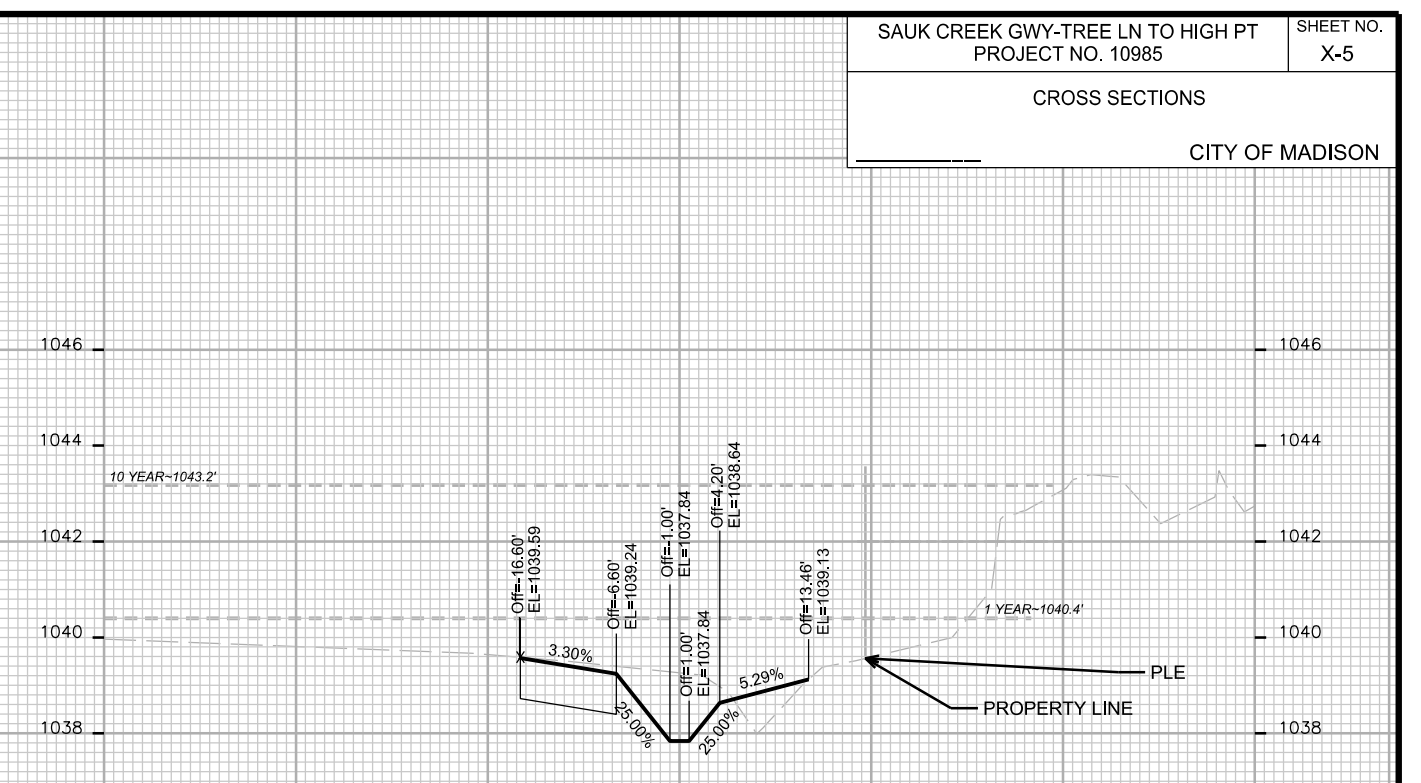
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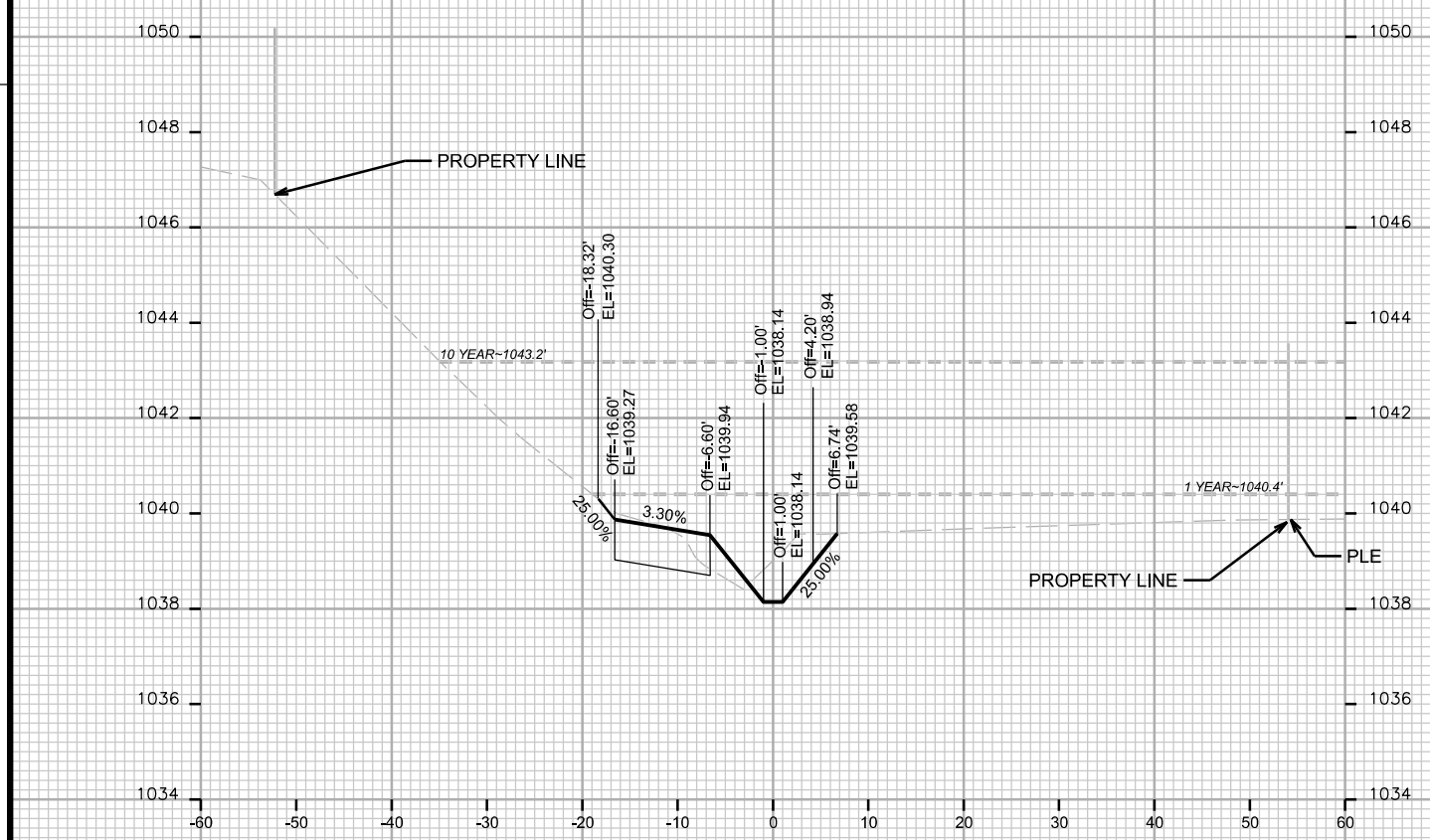
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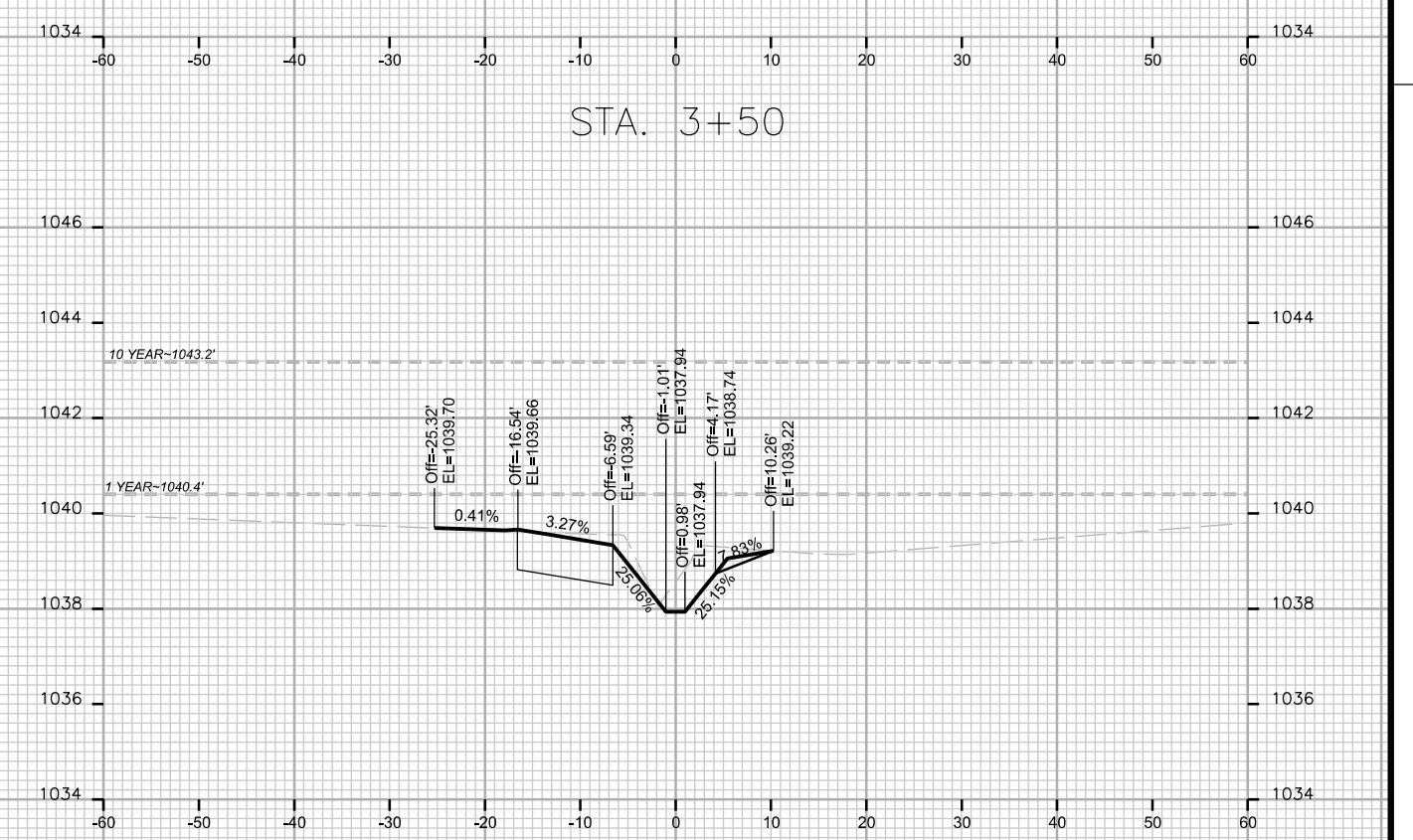
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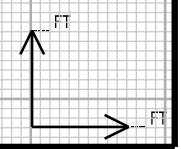
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STA. 2+75



STA. 3+25

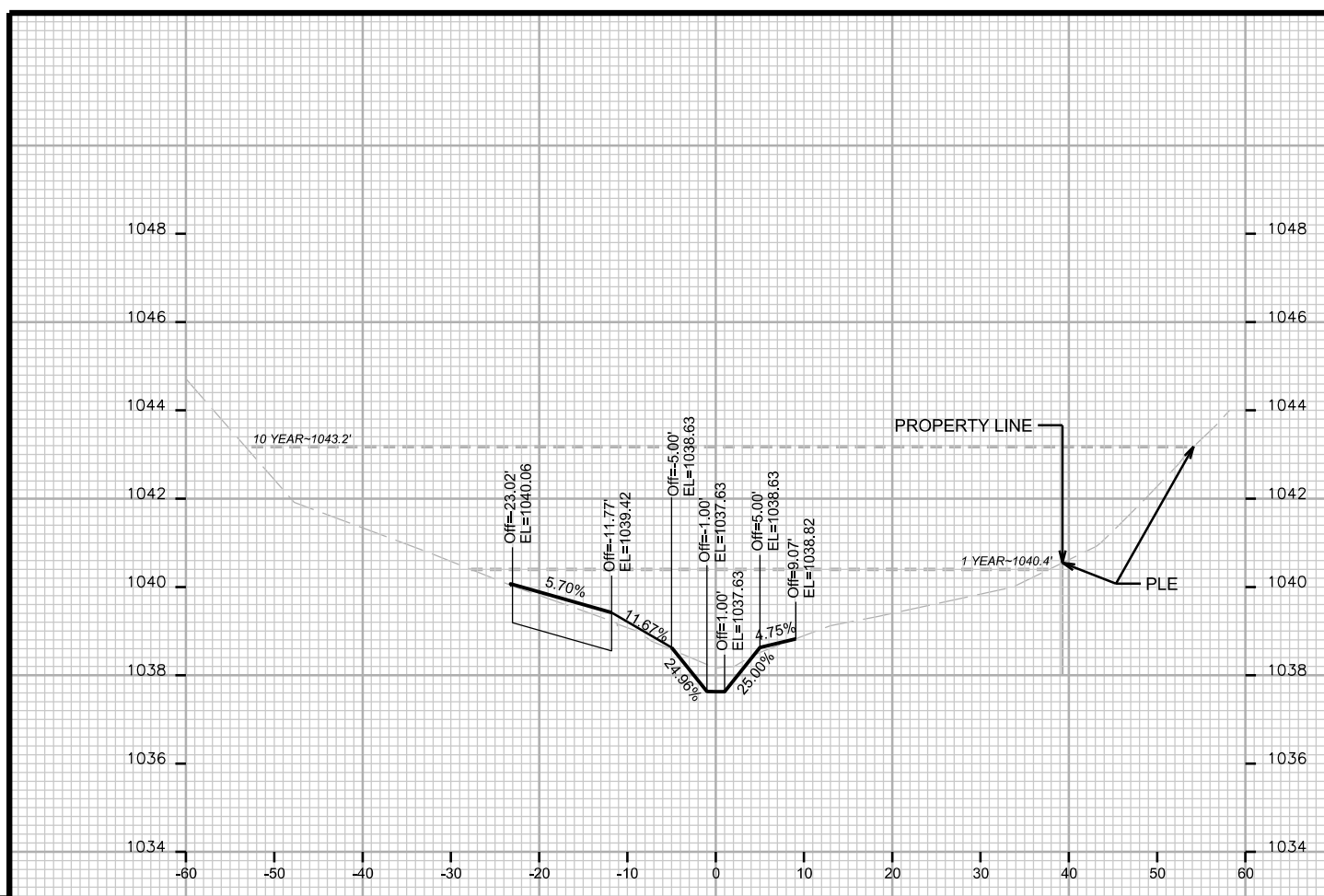


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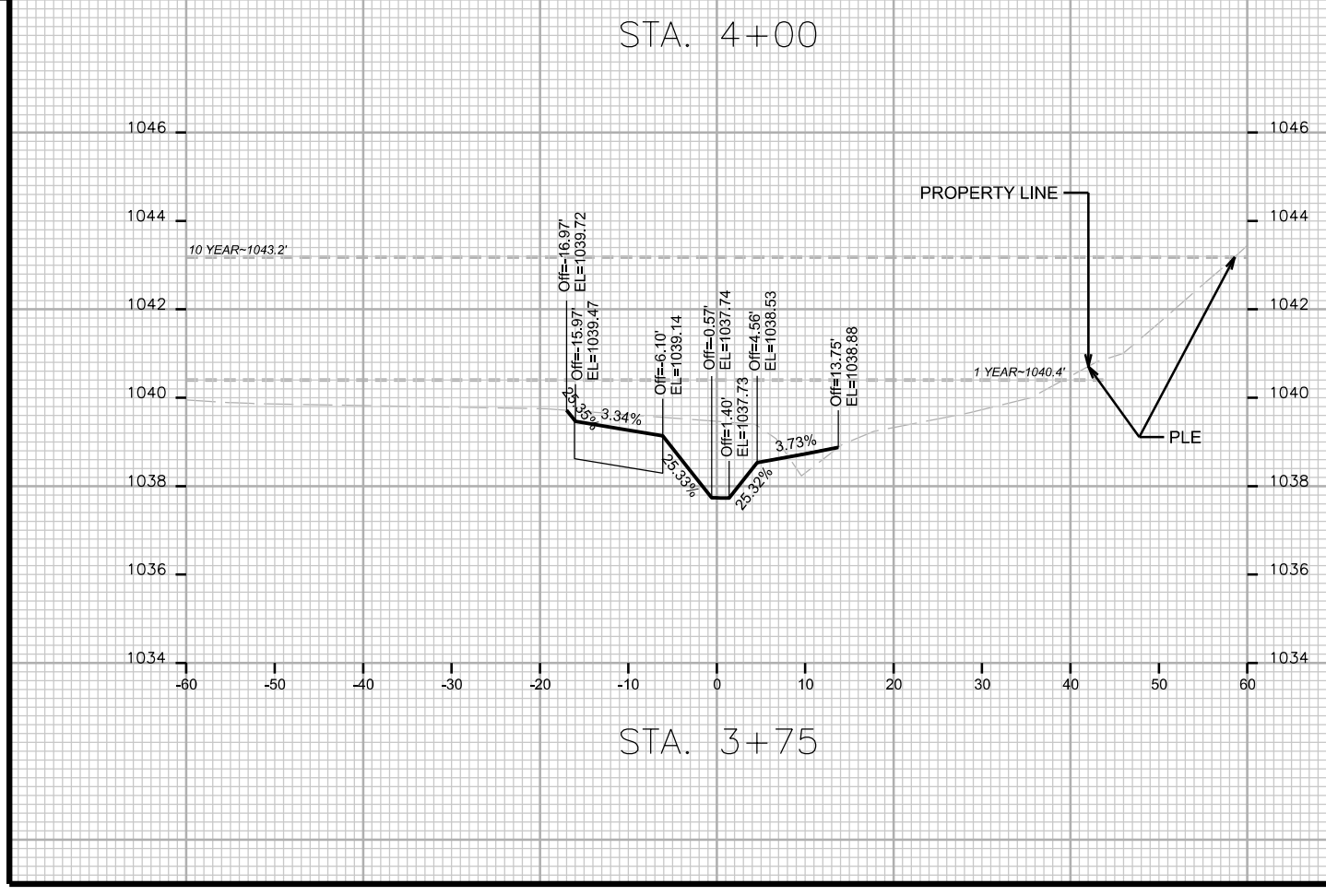
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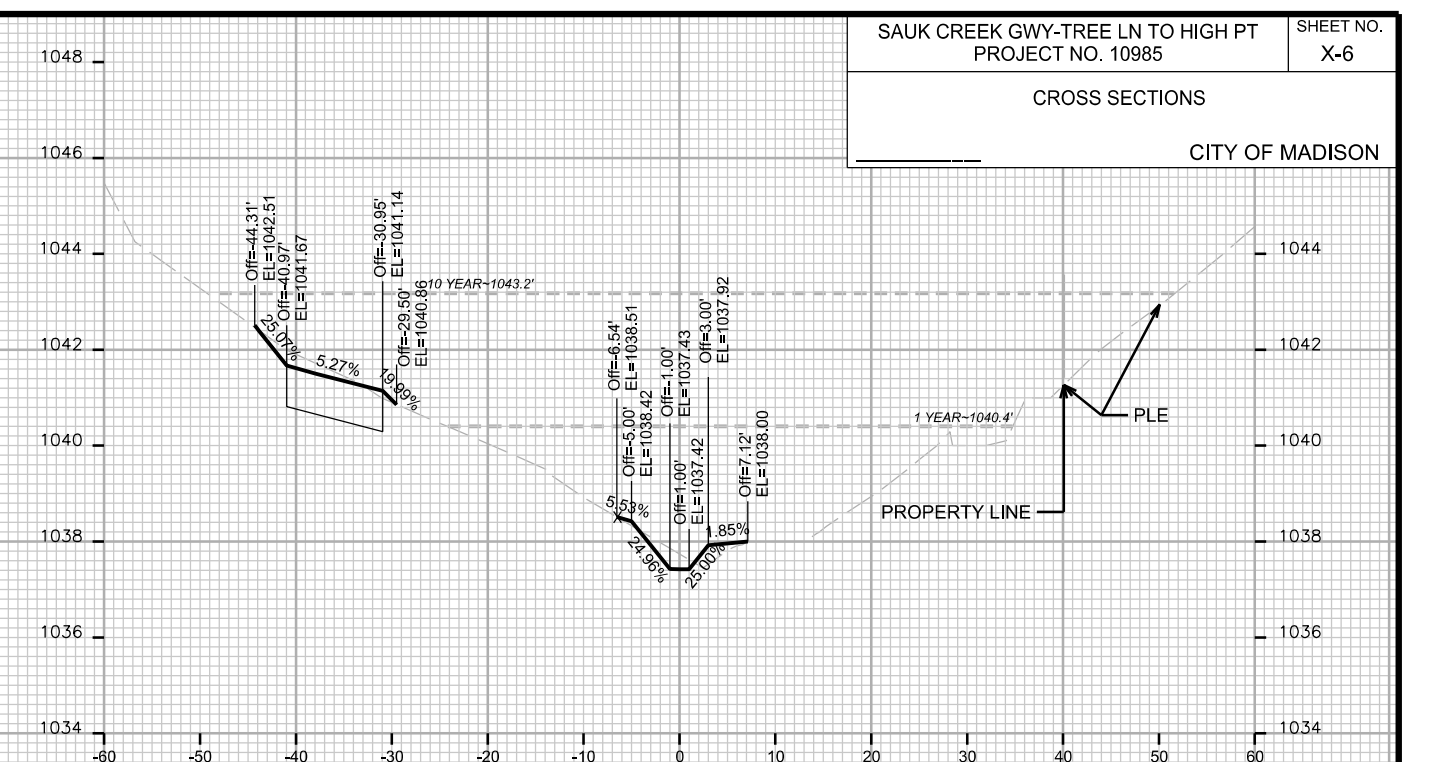
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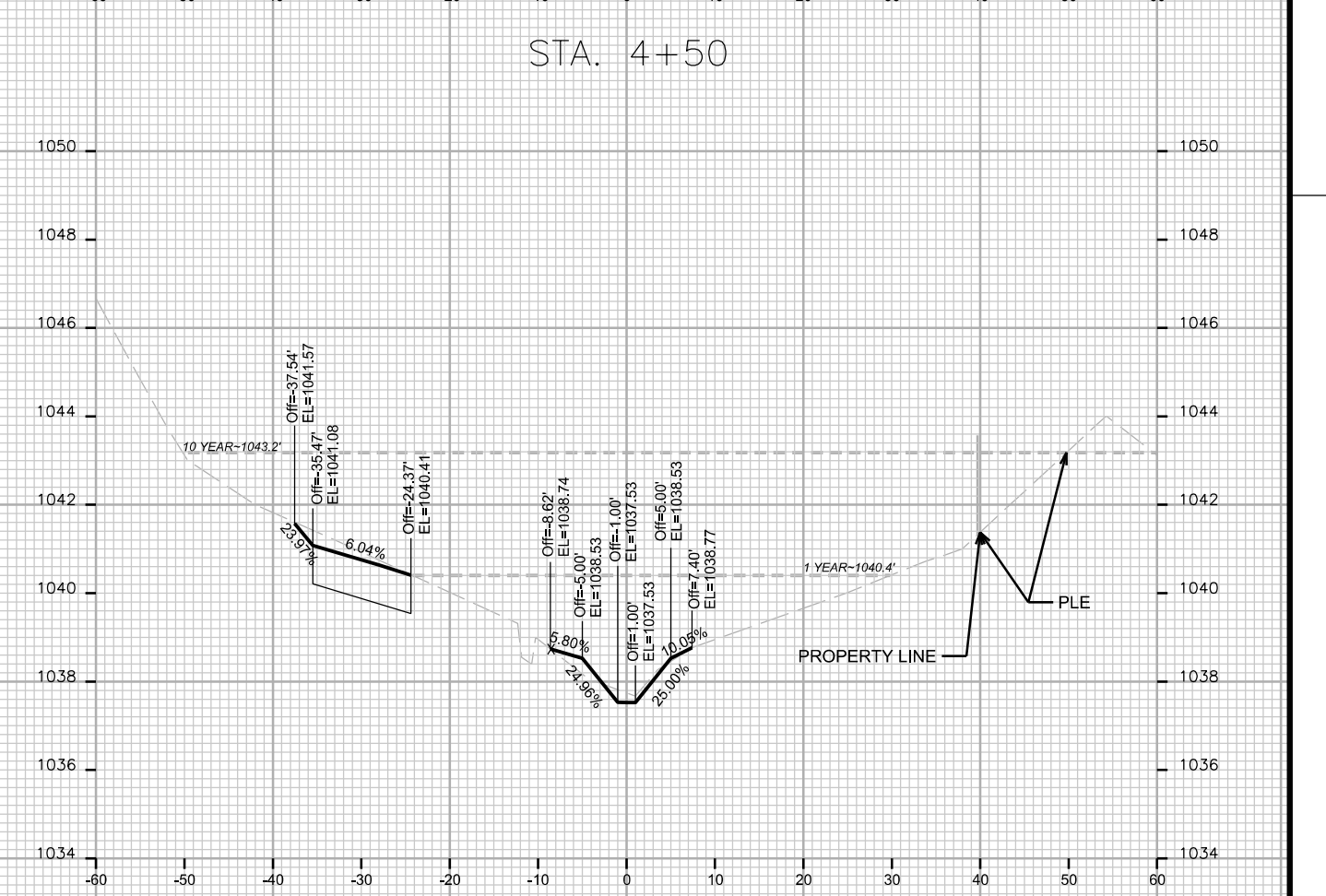
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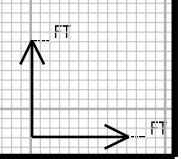
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STA. 4+50



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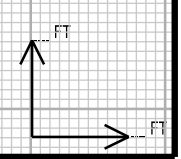
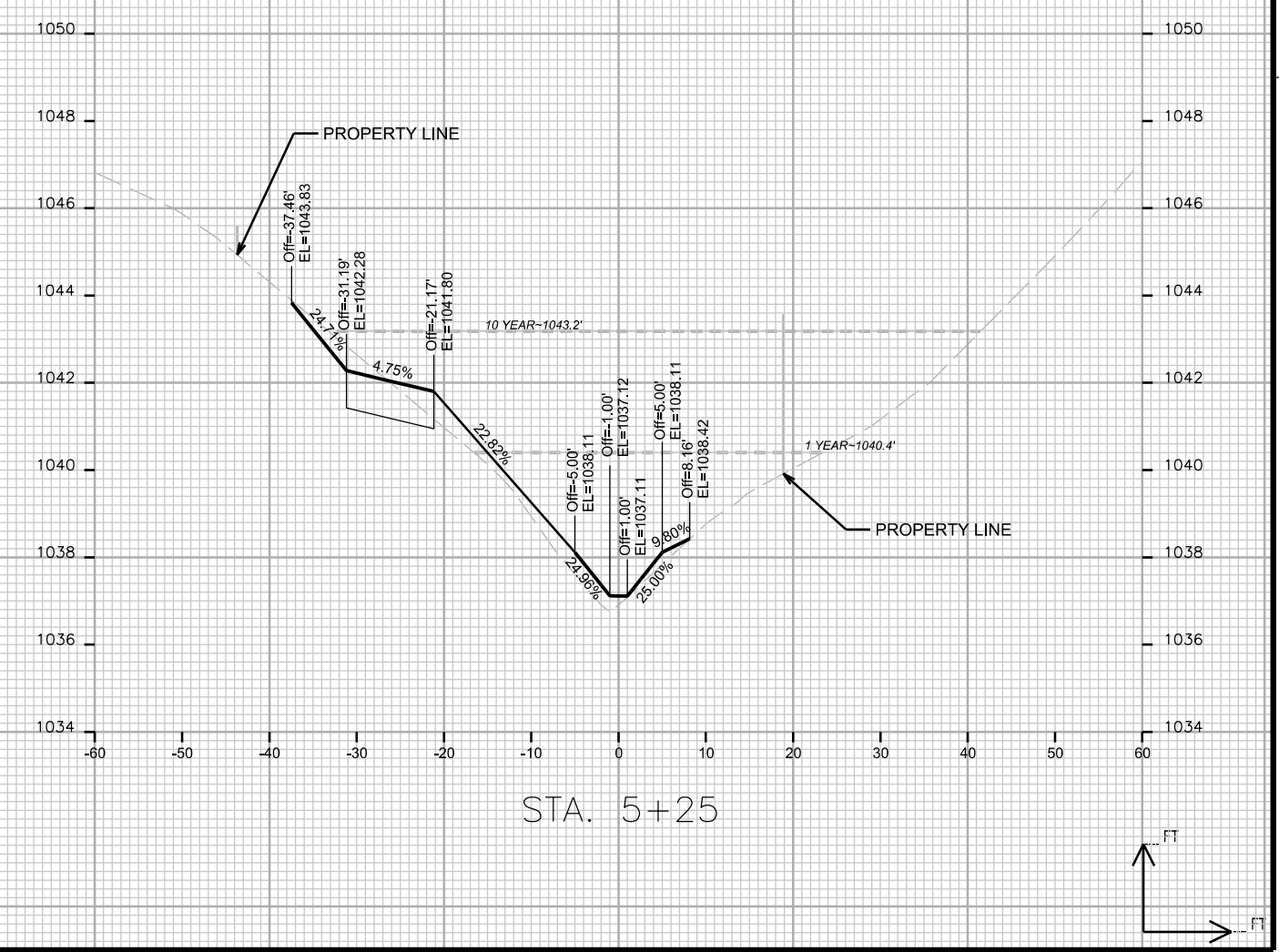
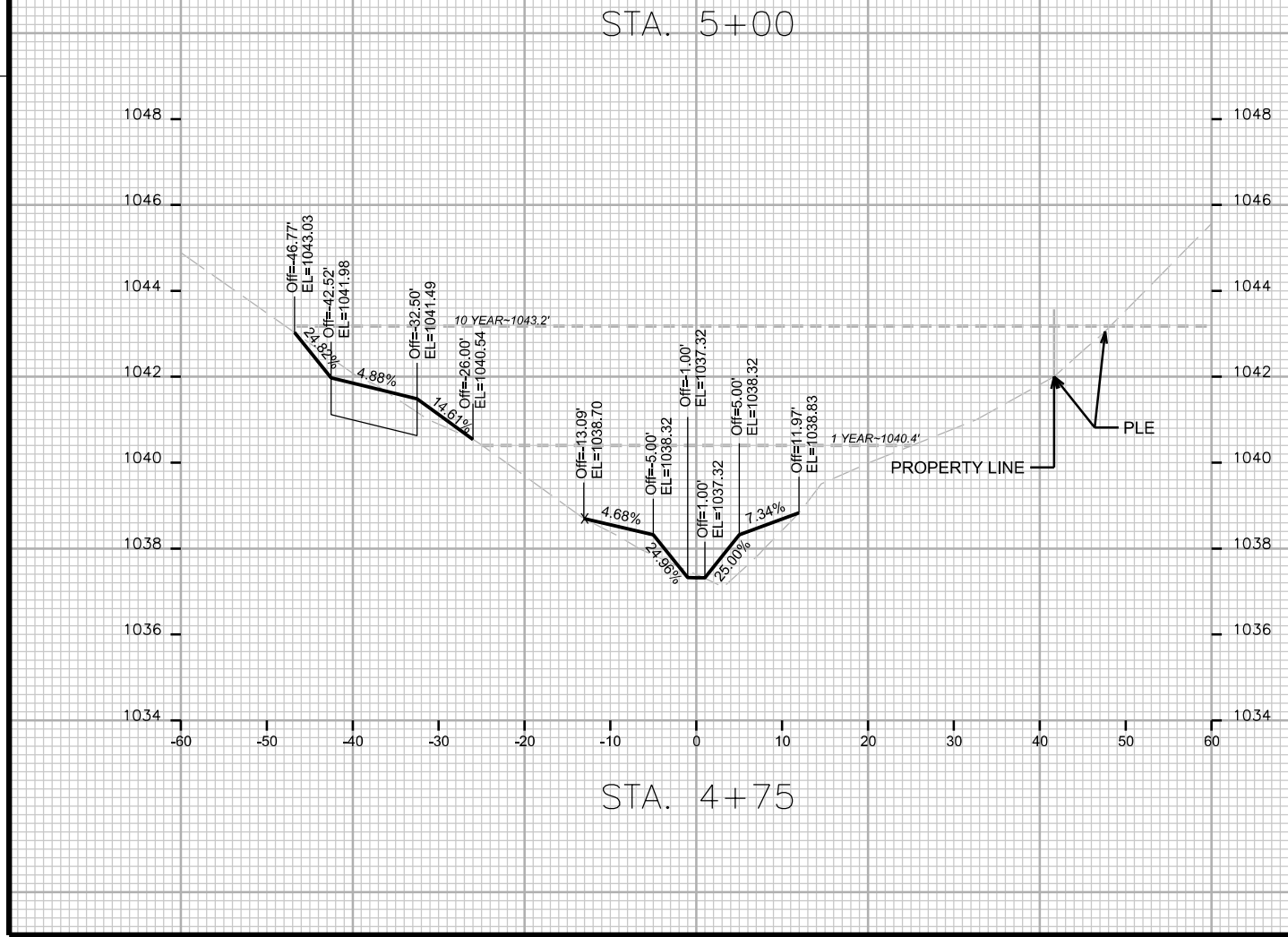
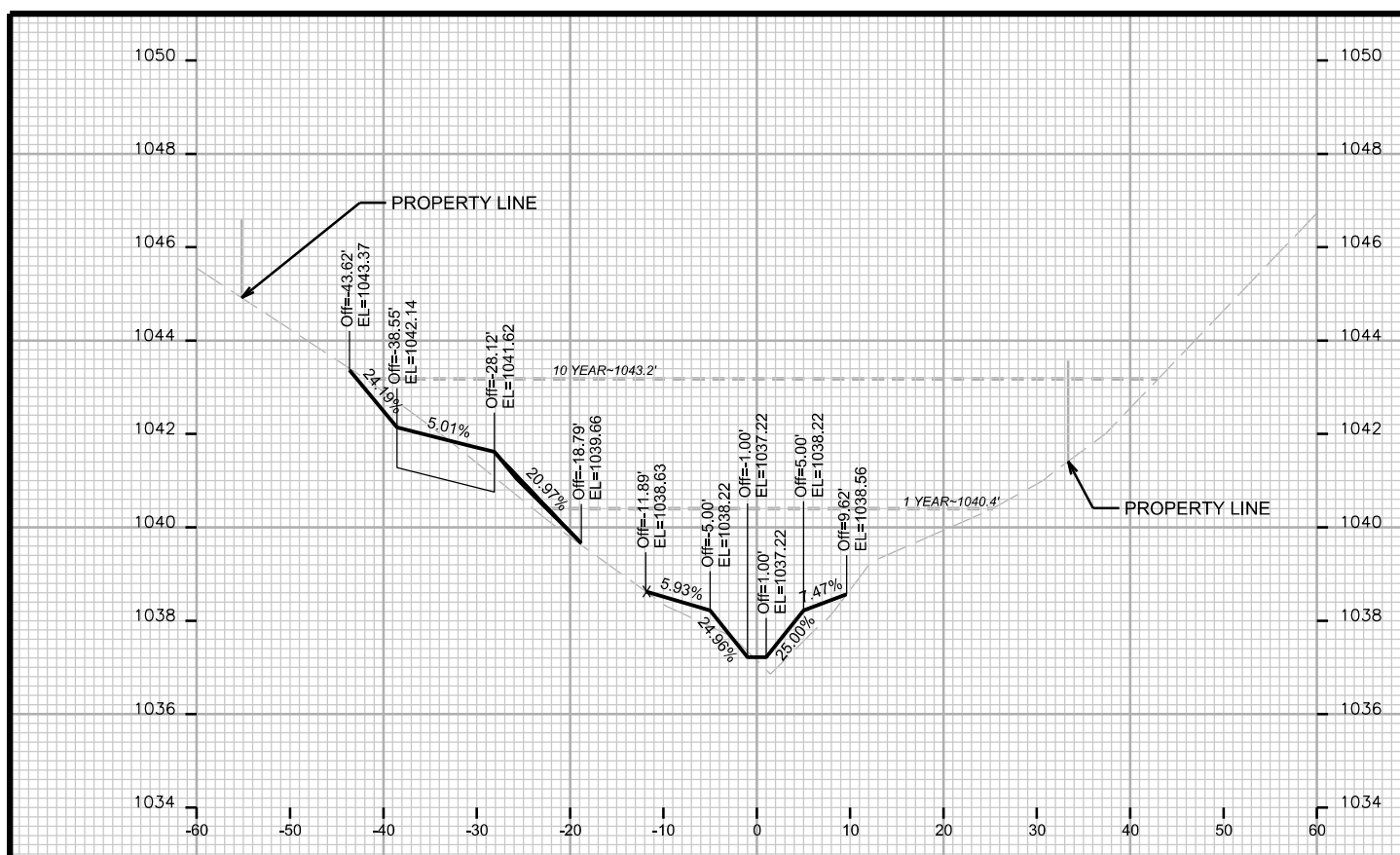


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