

PROJECT ID: 18112/39508802306

COUNTY: MONROE

TOWN OF PORTLAND
 MONROE COUNTY, WI
 PLAN OF PROPOSED IMPROVEMENT

LOCAL ROADS IMPROVEMENT PROGRAM (TRID)

AT ROUTE: STH21 TOWARDS ROUTE: ELGIN AVE.

ELLSWORTH ROAD
 MONROE COUNTY

STATE PROJECT NUMBER
 18112/39508802306

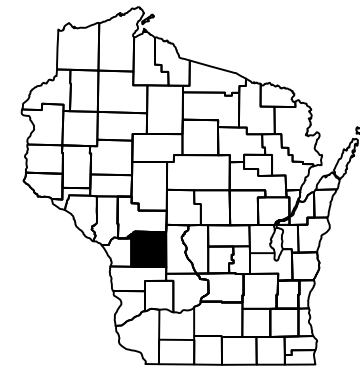
STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
39508802306		

REVISION 1 : NOVEMBER 22, 2023

ORDER OF SHEETS

Section No.	Title
1	Title
2	Typical Sections and Details
3	Estimate of Quantities
3	Miscellaneous Quantities
4	Right of Way Plat
5	Plan and Profile
6	Standard Detail Drawings
7	Sign Plates
8	Structure Plans
9	Computer Earthwork Data
9	Cross Sections

TOTAL SHEETS =

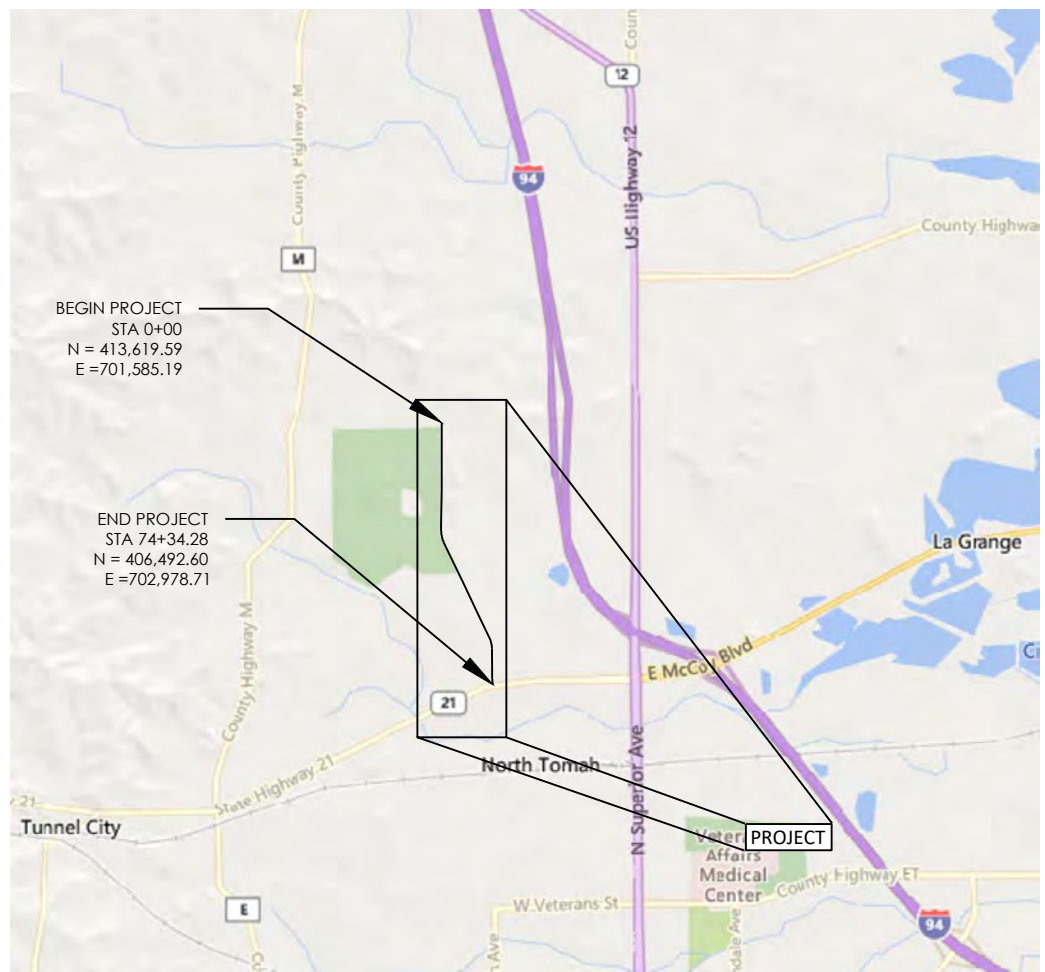


DESIGN DESIGNATION

A.A.D. TRIP 2022-2023	=	700
A.A.D.T.	=	
D.H.V.	=	
D.D.	=	
T.	=	
DESIGN SPEED	=	45 MPH
ESALS	=	

CONVENTIONAL SYMBOLS

PLAN	PROFILE
CORPORATE LIMITS	GRADE LINE
PROPERTY LINE	ORIGINAL GROUND
LOT LINE	MARSH OR ROCK PROFILE (To be noted as such)
LIMITED HIGHWAY EASEMENT	SPECIAL DITCH
EXISTING RIGHT OF WAY	GRADE ELEVATION
PROPOSED OR NEW R/W LINE	CULVERT (Profile View)
SLOPE INTERCEPT	UTILITIES
REFERENCE LINE	ELECTRIC
EXISTING CULVERT	FIBER OPTIC
PROPOSED CULVERT (Box or Pipe)	GAS
COMBUSTIBLE FLUIDS	SANITARY SEWER
MARSH AREA	STORM SEWER
	TELEPHONE
	WATER
	UTILITY PEDESTAL
	POWER POLE
WOODED OR SHRUB AREA	TELEPHONE POLE



LAYOUT
 SCALE 0 1 MI
 TOTAL NET LENGTH OF CENTERLINE = 1.4 MI

HORIZONTAL POSITIONS SHOWN ON THIS PLAN ARE WISCONSIN COORDINATE REFERENCE SYSTEM (WISCRS), MONROE COUNTY, NAD83 (91), IN U.S. SURVEY FEET. POSITIONS SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES ARE THE SAME AS GROUND DISTANCES. ELEVATIONS ARE REFERENCED TO NAVD 88 (2011). GPS DERIVED ELEVATIONS ARE BASED ON GEOID 12A.

UTILITIES

NAME	PHONE
WE ENERGIES: WG-GAS-N2WGG	(715)-837-1741
LEMONWEIR VALLEY TELEPHONE	(715) 837-1741
DAIRYLAND POWER COOPERATIVE (EL)	(608) 787-1225
CHARTER COMMUNICATIONS (COMM)	(262) 446-9821
BRIGHTSPEED (COMM)	(833) 363-2360

SHEET LIST TABLE

SHEET NUMBER	SHEET TITLE
G1.0	TITLE PAGE
G1.1	GENERAL NOTES
C1.0-C1.1	PROJECT OVERVIEW
C1.2-C1.4	EXISTING UTILITIES
C2.0-C2.1	TYPICAL SECTIONS
C2.2-C2.3	EROSION CONTROL DETAILS
C2.4-C2.5	CONSTRUCTION DETAILS
C5.0-C5.14	PLAN & PROFILE
C6.0-C6.46	CROSS SECTIONS

CSC CENTRAL STATES CONSTRUCTION, LLC
 15341 State Hwy 131, Tomah, WI 54660

PREPARED BY

Surveyor	CHRIS RUNNING, RLS (RUNNING SURVEYING)
Project Engineer	SVET ROUSSEV, PE (CSC)
Reviewer	DAVID OHNSTAD, MONROE CO HWY COMMISSIONER

G1.0

LIST OF STANDARD ABBREVIATIONS

ABUT.	ABUTMENT	JT	JOINT	SEC	SECTION
AC	ACRE	JCT	JUNCTION	SHLDR	SHOULDER
AGG.	AGGREGATE	LHF	LEFT-HAND FORWARD	SHR	SHRINKAGE
AH	AHEAD	L	LENGTH OF CURVE	SW	SIDEWALK
<	ANGLE	LIN FT OR LF	LINEAR FOOT	S	SOUTH
ASPH	ASPHALTIC	LC	LONG CHORD OF CURVE	SQ	SQUARE
AVG.	AVERAGE	MH	MANHOLE	SF OR SQ FT	SQUARE FEET
A.D.T.	AVERAGE DAILY TRAFFIC	MB	MAILBOX	SY OR SQ YD	SQUARE YARD
BAD	BASE AGGREGATE DENSE	ML OR M/L	MATCH LINE	STD	STANDARD
BK.	BACK	N	NORTH	SDD	STANDARD DETAIL DRAWINGS
BF	BACK FACE	Y	NORTH GRID COORDIANTE	STH	STATE TRUNK HIGHWAYS
B.M	BENCH MARK	OAL	OVERALL LENGTH	STA	STATION
BR.	BRIDGE	OD	OUTSIDE DIAMETER	SS	STORM SEWER
C/L	CENTER LINE	PLE	PERMANENT LIMITED EASEMENT	SG	SUBGRADE
CC	CENTER TO CENTER	PT	POINT	SE	SUPERELEVATION
CTH	COUNTY TRUNK HIGHWAY	PC	POINT OF CURVATURE	SL OR S/L	SURVEY LINE
CR.	CREEK	PI	POINT OF INTERSECTION	SV	SEPTIC VENT
CY OR CU YD	CRUSHED CUBIC YARD	PRC	POINT OF REVERSE CURVATURE	T	TANGENT
CP	CULVERT PIPE	PT	POINT OF TANGENCY	TEL	TELEPHONE
C & G	CURB AND GUTTER	POC	POINT ON CURVE	TEMP	TEMPORARY
D	DEGREE OF CURVE	POT	POINT ON TANGENT	TI	TEMPORARY INTEREST
DHV	DESIGN HOUR VOLUME	PVC	POLYVINYL CHLORIDE	TLE	TEMPORARY LIMITED EASEMENT
DIA	DIAMETER	PCC	PORTLAND CEMENT CONCRETE	†	TON
E	EAST	LB	POUND	T OR TN	TOWN
X	EAST GRID COORDINATE	PSI	POUNDS PER SQUARE INCH	TRANS	TRANSITION
ELEC	ELECTRIC	PE	PRIVATE ENTRANCE	TL OR T/L	TRANSIT LINE
EL OR ELEV	ELEVATION	R	RADIUS	T	TRUCKS (PERCENT OF)
ESALS	EQUIVALENT SINGLE AXLE LOADS	RR	RAILROAD	TYP	TYPICAL
EBS	EXCAVATION BELOW SUBGRADE	RL OR R/L	REFERENCE LINE	UNCL	UNCLASSIFIED
FF	FACE TO FACE	RP	REFERENCE POINT	UG	UNDERGROUND CABLE
FE	FIELD ENTRANCE	RCCP	REINFORCED CONCRETE CULVERT PIPE	USH	UNITED STATES HIGHWAY
F	FILL	REQD	REQUIRED	VAR	VARIABLE
FG	FINISHED GRADE	RES	RESIDENCE OR RESIDENTIAL	V	VELOCITY OR DESIGN SPEED
FL OR F/L	FLOW LINE	RW	RETAINING WALL	VERT	VERTICAL
FT	FOOT	RT	RIGHT	VC	VERTICAL CURVE
FTG	FOOTING	RHF	RIGHT-HAND FORWARD	VOL	VOLUME
GN	GRID NORTH	R/W	RIGHT-OF-WAY	WM	WATER MAIN
HT	HEIGHT	R	RIVER	WV	WATER VALVE
CWT	HUNDREDWEIGHT	RD	ROAD	W	WEST
HYD	HYDRANT	RDWY	ROADWAY	WB	WESTBOUND
INL	INLET	SALV	SALVAGED	YD	YARD
ID	INSIDE DIAMETER	SAN S	SANITARY SEWER		
INV	INVERT				
IP	IRON PIPE OR PIN				
IRS	IRON ROD SET				

GENERAL NOTES

- DO NOT REMOVE ANY TREES OR SHRUBS WITHOUT APPROVAL OF THE ENGINEER.
- THERE ARE UTILITY FACILITIES WITHIN THE PROJECT AREA THAT ARE NOT SHOWN ON THE PLANS. COORDINATE CONSTRUCTION ACTIVITIES WITH A CALL TO DIGGER'S HOTLINE AND/OR A CALL TO THE UTILITIES THAT HAVE INSTALLATIONS WITHIN THE PROJECT AREA. NOT ALL UTILITIES ARE MEMBERS OF DIGGER'S HOTLINE.
- RIGHT OF WAY LINES SHOWN ON THE CROSS SECTIONS ARE APPROXIMATE.
- ALL RADII ARE MEASURED TO THE EDGE OF PAVEMENT UNLESS OTHERWISE SHOWN OR NOTED ON THE PLAN.
- CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS AT ALL TIMES EXCEPT WHEN PIPE-LAYING OPERATIONS REQUIRE THE DRIVEWAY TO BE CLOSED. ACCESS TO DRIVEWAY SHALL BE RE-ESTABLISHED IMMEDIATELY AFTER PIPE IN DRIVEWAY AREA IS INSTALLED. ACCESS SHALL BE PROVIDED DURING ALL NON-WORKING HOURS.
- SAWCUT EXISTING ASPHALT PAVEMENT AT THE MATCHLINE AS INDICATED ON THE PLAN OR AS DIRECTED BY THE ENGINEER
- CONSTRUCTION LIMITS ON SIDE ROADS AND PRIVATE ENTRANCES SHALL BE DETERMINED BY THE ENGINEER AND SHALL BE RESTORED IN KIND.
- THE CONTRACTORS PAVING OPERATIONS SHALL BE CONSISTENT WITH THE PLAN TYPICAL SECTIONS AND CONSTRUCTED TO PREVENT HMA LONGITUDINAL JOINTS FROM BEING LOCATED WITHIN A DRIVING, TURNING, BIKE OR PARKING LANE.
- HMA PAVEMENT WEIGHT CALCULATIONS ARE BASED ON 112/LB/SY/IN.
- APPLY TACK COAT BETWEEN LAYERS OF PAVEMENT AND TO MILLED SURFACES. THE APPLICATION RATE IS 0.07 GALLONS PER SQUARE YARD BETWEEN THE MILLED SURFACE, 0.05 GALLONS PER SQUARE YARD BETWEEN NEW HMA PAVEMENT LAYERS, OR AS DIRECTED BY THE ENGINEER.
- THE EXACT LOCATIONS AND LIMITS OF PRIVATE ENTRANCES, COMMERCIAL, AND FIELD ENTRANCES SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.
- ALL LAYOUT DATA IS REFERENCED TO THE C/L UNLESS OTHERWISE NOTED.
- THE QUANTITY OF THE ITEMS FOR EROSION PROTECTION INCLUDES AN UNDISTRIBUTED AMOUNT FOR PROTECTION, CONTROL AND ABATEMENT OF WATER POLLUTION RESULTING FROM SOIL EROSION. THE DISTRIBUTION AND LOCATION OF THESE MATERIALS ARE TO BE DETERMINED BY THE ENGINEER.
- DISTURBED AREAS WITHIN THE RIGHT OF WAY ARE TO BE TOPSOILED (SALVAGED), FERTILIZED, SEEDED, AND MULCHED OR EROSION CONTROL MAT PLACED AS DIRECTED BY THE ENGINEER.
- HMA PAVEMENT SHALL BE CONSTRUCTED WITH THE FOLLOWING LAYERS AND GRADATION:

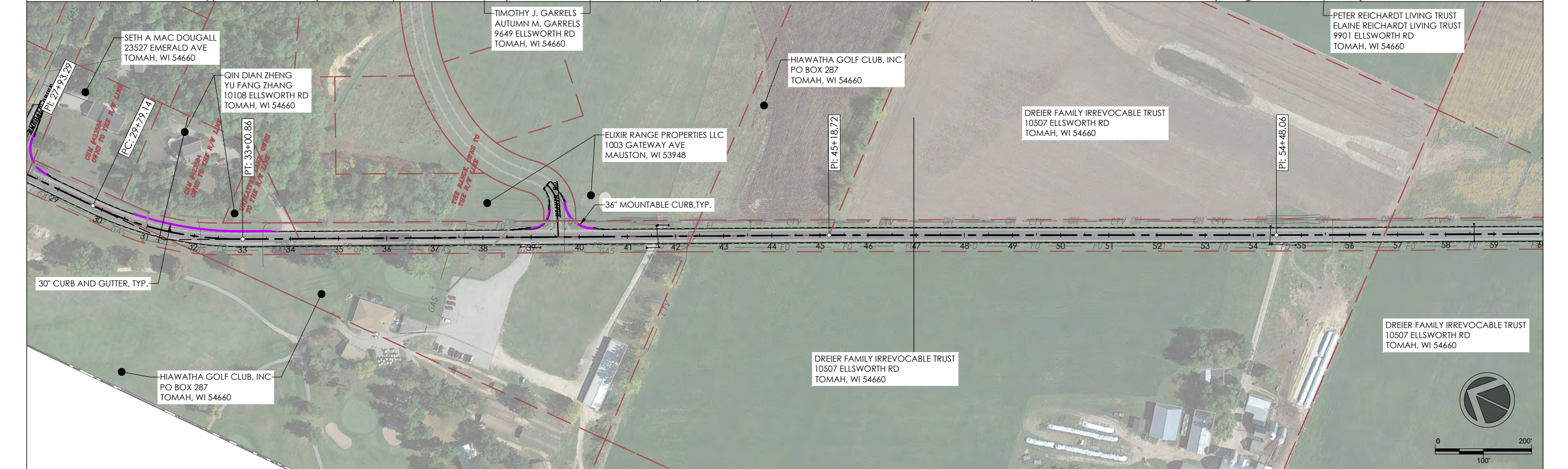
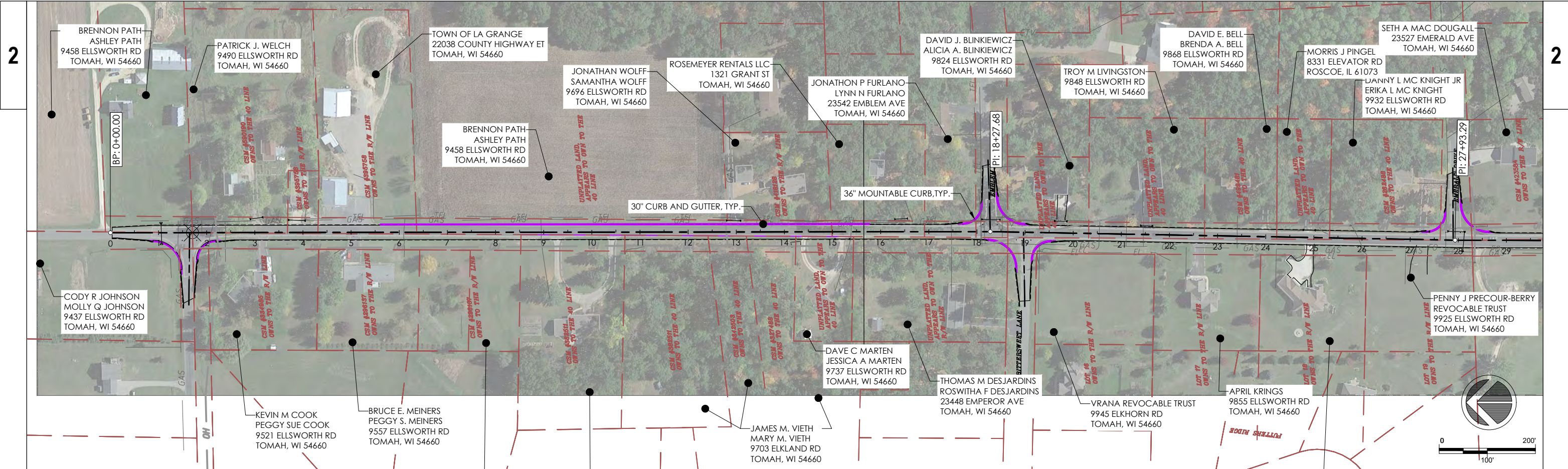
LIST OF STANDARD LINETYPES

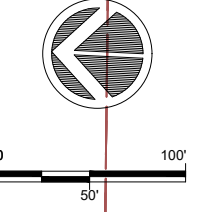
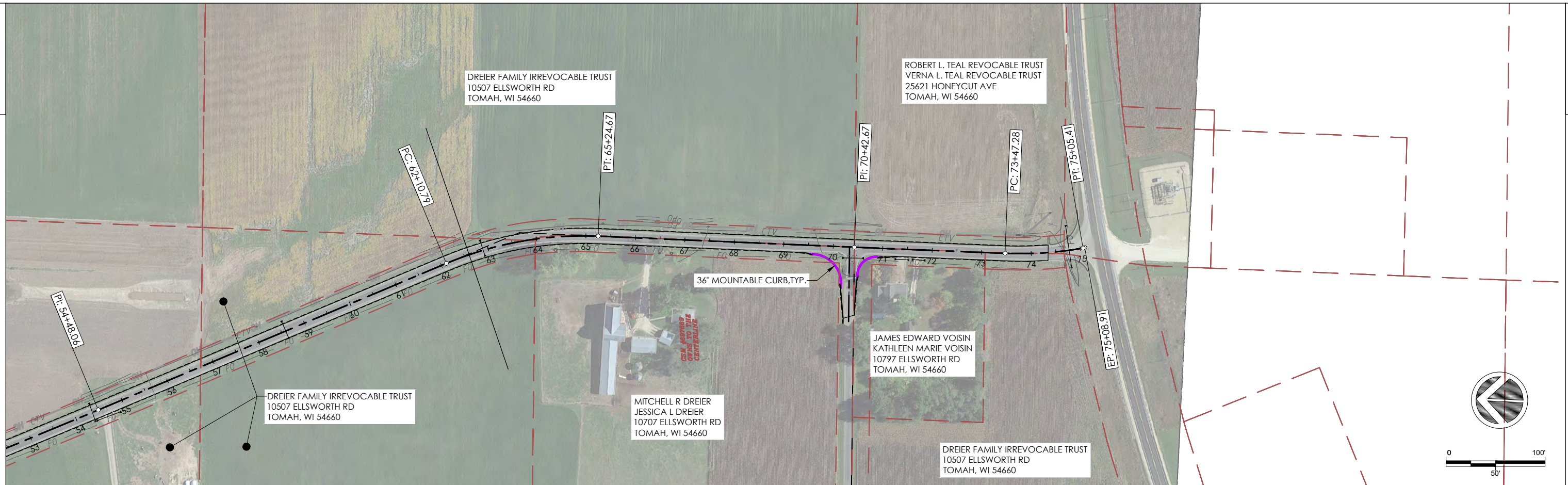
———— CTV ————	UNDERGROUND CABLE TV
—— FO ———— FO ——	UNDERGROUND FIBER OPTIC UTILITY
—— EL ———— EL ——	UNDERGROUND ELECTRIC
———— TEL ————	UNDERGROUND TELEPHONE
———— GAS ————	UNDERGROUND GAS UTILITY
—— OH ———— OH ——	OVERHEAD ELECTRIC

UTILITIES	
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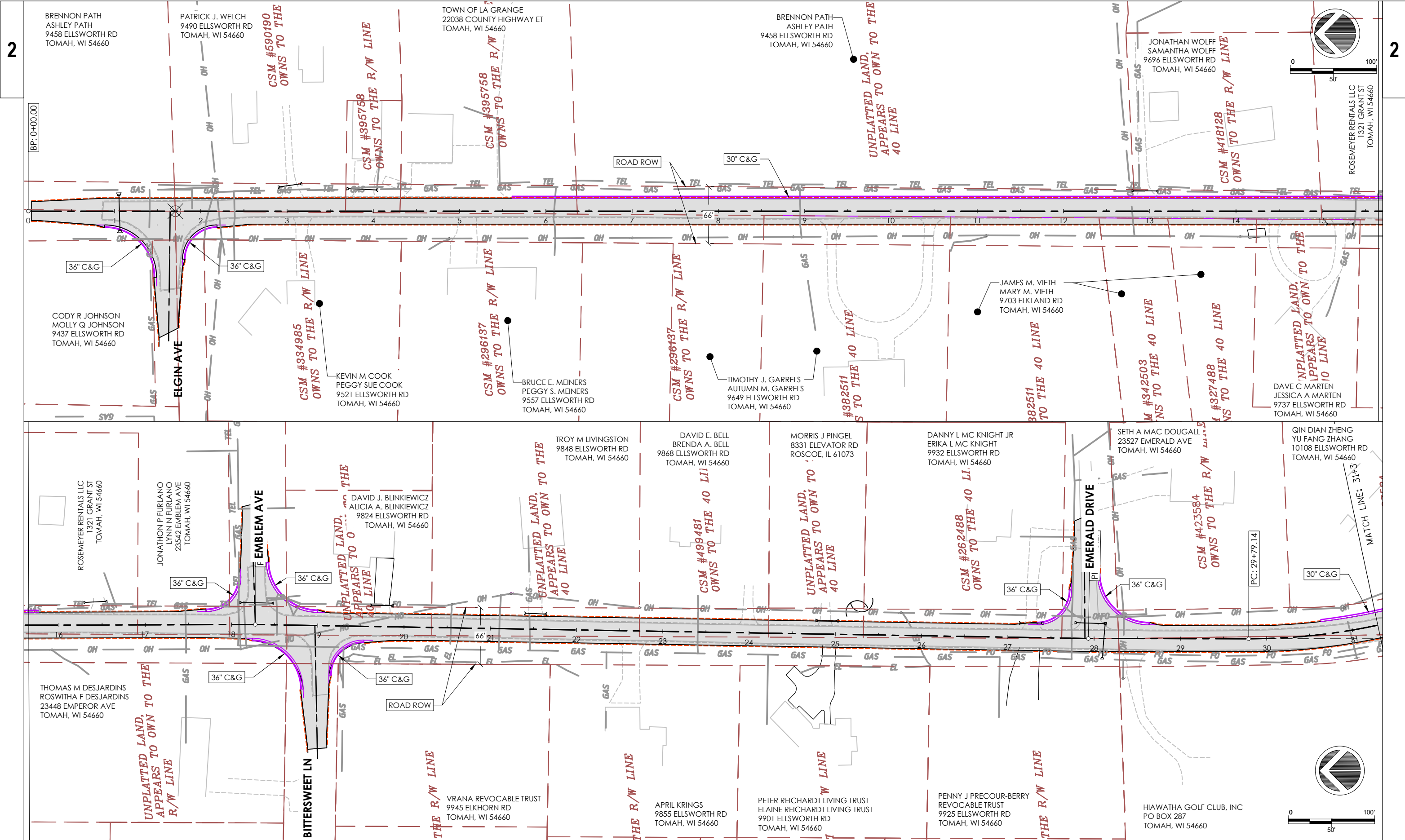
HMA PAVEMENT			
LOCATION	HMA	LOWER LAYER	UPPER LAYER
ELLSWORTH RD	4 LT 58-28S		2.5 "





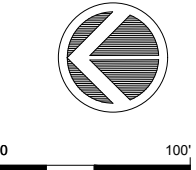
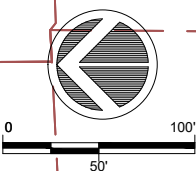


PROJECT NO: 18112/39508802306	HWY: ELLSWORTH RD	COUNTY: MONROE COUNTY	PROJECT OVERVIEW	SHEET C1.1	E
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2

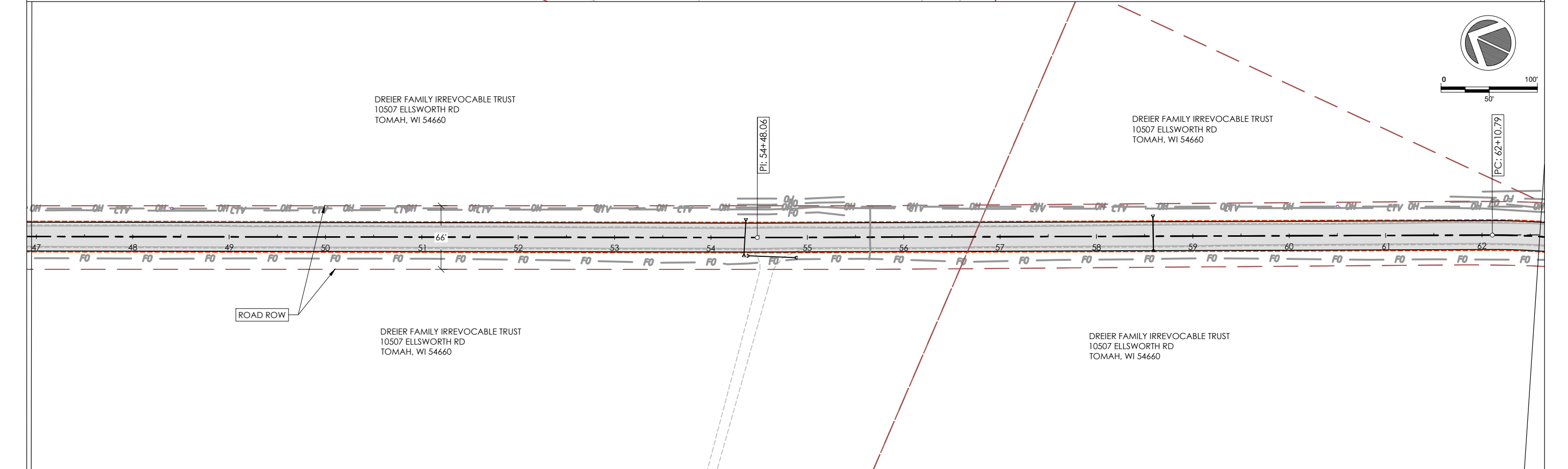
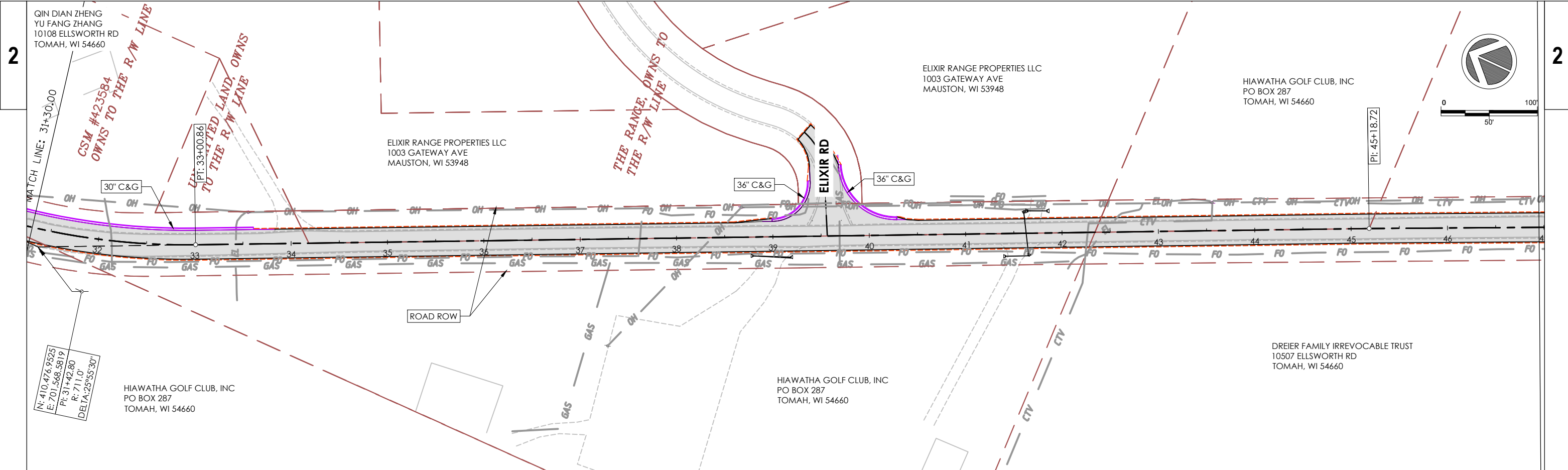
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PROJECT NO: 18112/39508802306 HWY: ELLSWORTH RD COUNTY: MONROE COUNTY EXISTING UTILITIES SHEET E

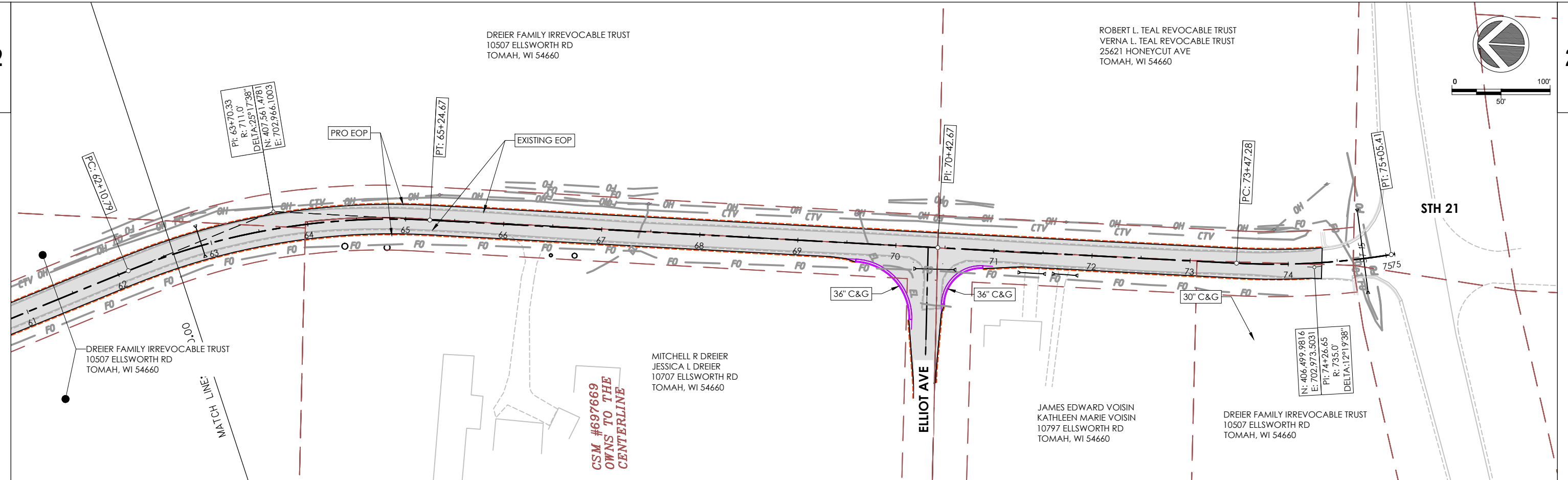
FILE NAME : F:\Q2\2023\Q23189 ELLSWORTH RD T LA GRANGE\CADD\DBL_PLAN.DWG PLOT DATE : 11/22/2023 11:28 AM PLOT BY : SSR PLOT NAME : PLOT SCALE : 1 IN:100 FT WISDOT/CADD SHEET 44

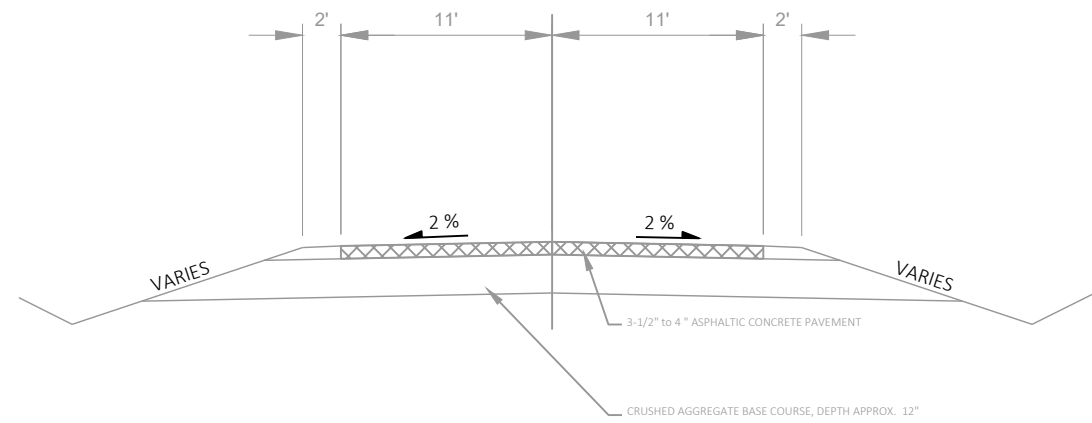
LAYOUT NAME - C1.2



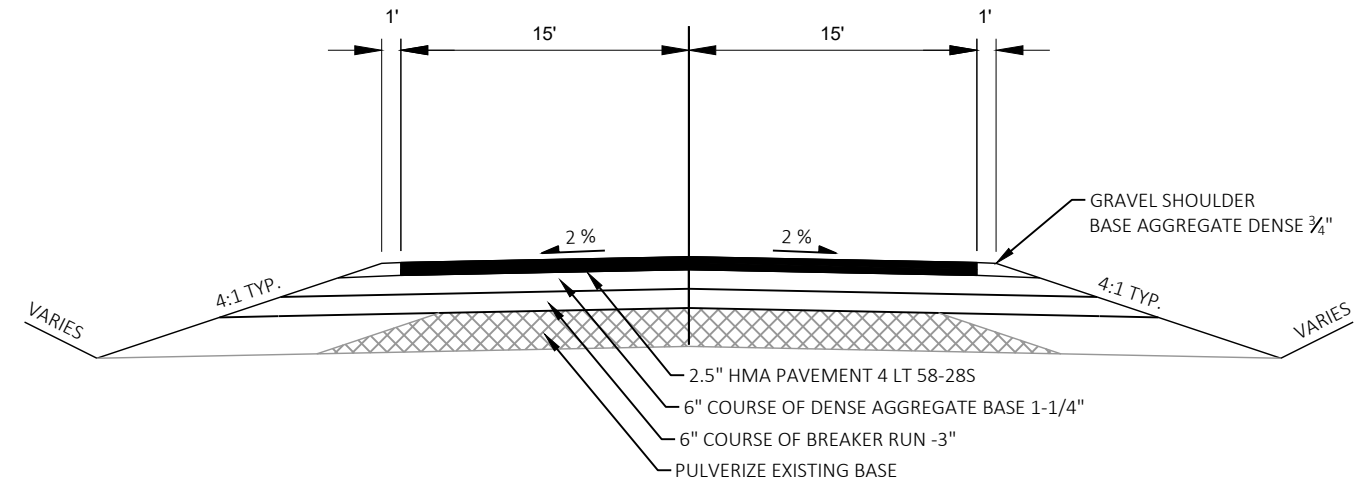
PROJECT NO: 18112/39508802306 HWY: ELLSWORTH RD COUNTY: MONROE COUNTY EXISTING UTILITIES SHEET E

FILE NAME: F:\Q2\2023\Q23189 ELLSWORTH RD T LA GRANGE\CAD\DBL_PLAN.DWG PLOT DATE: 11/22/2023 11:28 AM PLOT BY: SSR PLOT NAME: PLOT SCALE: 1 IN:100 FT WISDOT/CADD SHEET 44

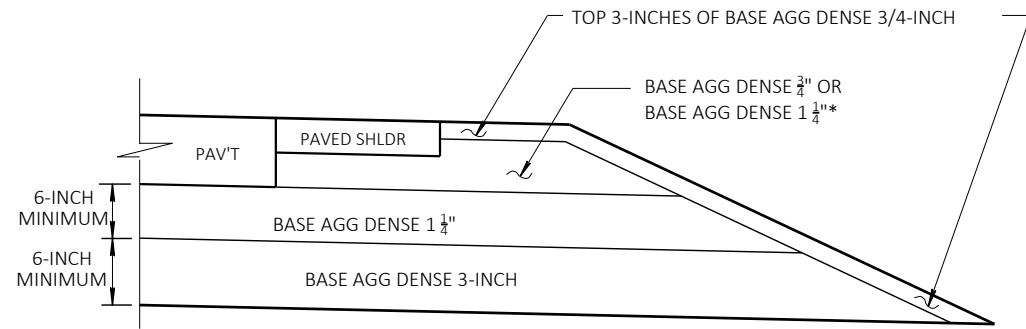




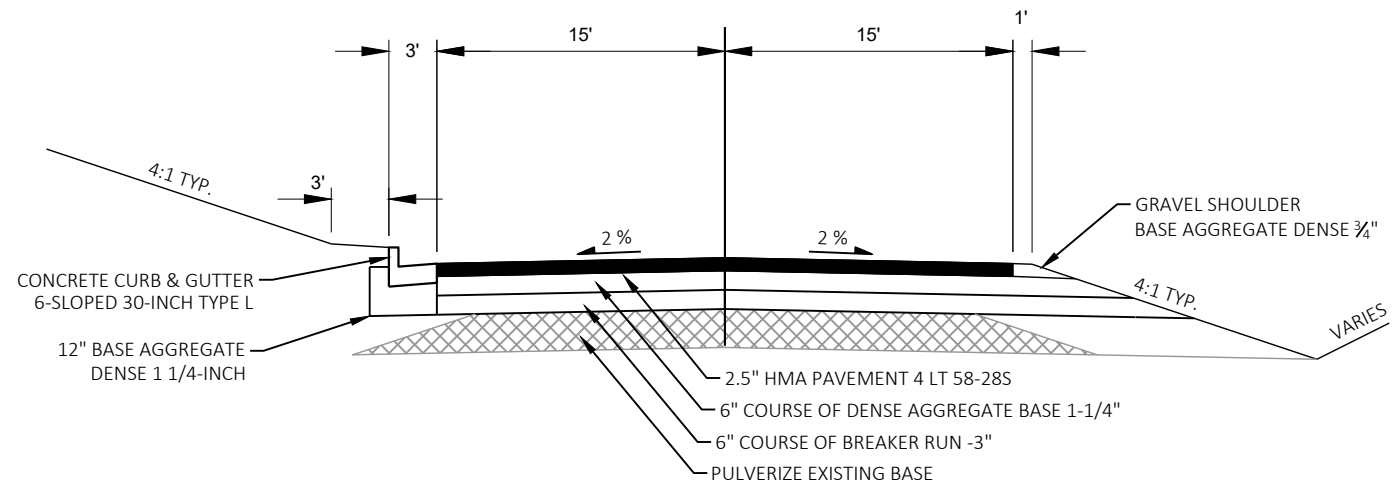
EXISTING TYPICAL SECTION
STA 0+00 - 75+00



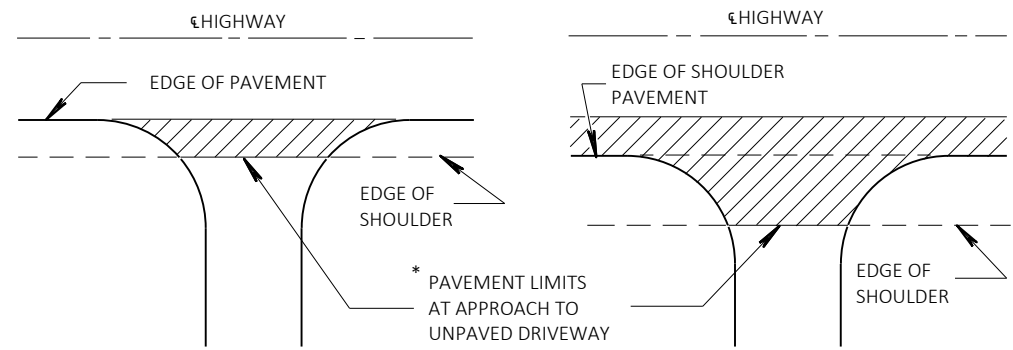
FINISHED TYPICAL SECTION
STA 0+00 - 13+07
STA 15+76 - 30+65
STA 32+50 - 75+00



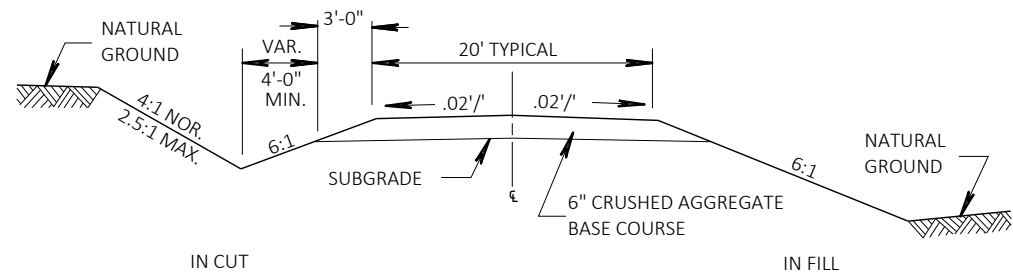
BASE AGG DENSE 3-INCH REQUIRED



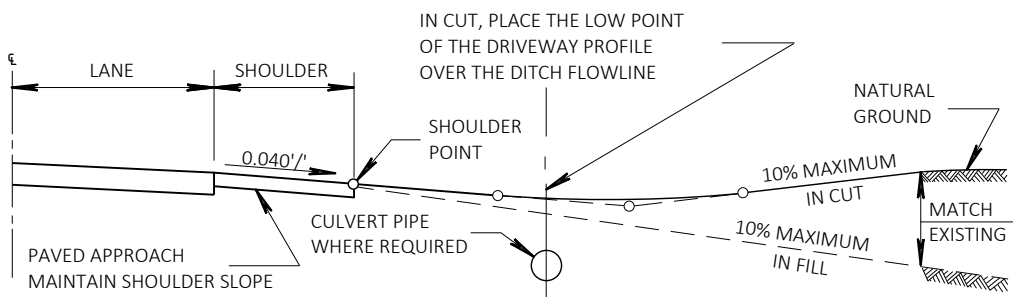
FINISHED TYPICAL SECTION CURB & GUTTER
STA 13+07 - 15+76
STA 30+65 - 32+50



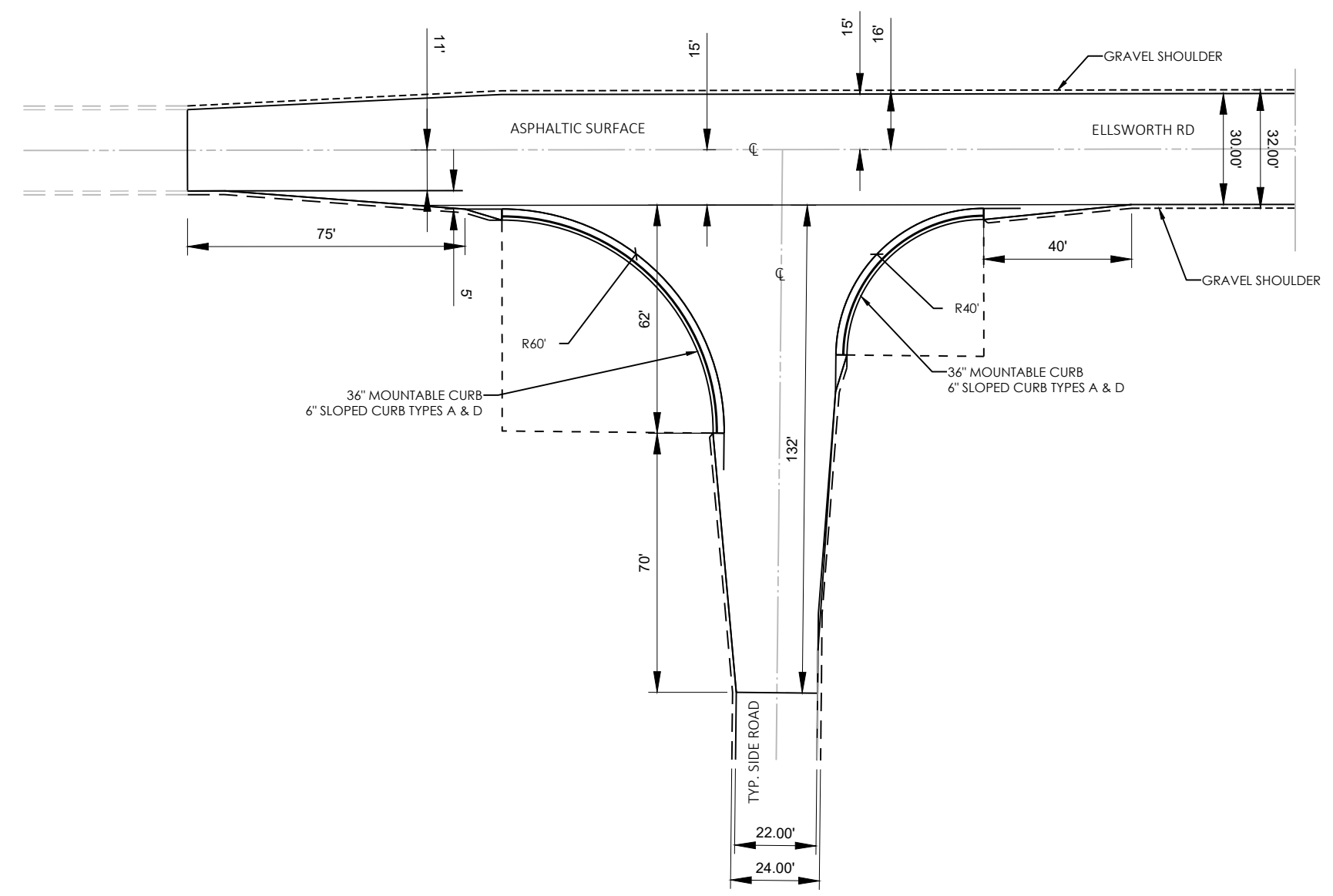
PLAN VIEW
 PLAN VIEW (PAVED SHOULDER ON HIGHWAY)
RURAL DRIVEWAY INTERSECTION DETAIL



TYPICAL CROSS SECTION FOR PRIVATE DRIVE OR FIELD ENTRANCE

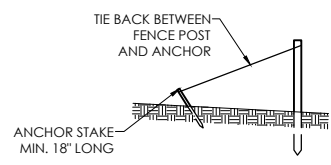
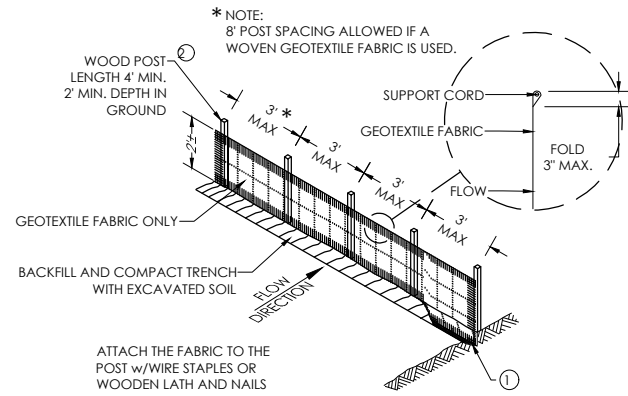


TYPICAL DRIVEWAY PROFILES

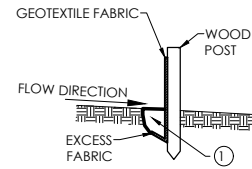


SIDE ROAD DETAIL, SPECIAL (BASE AGGREGATE SHOULDERS)

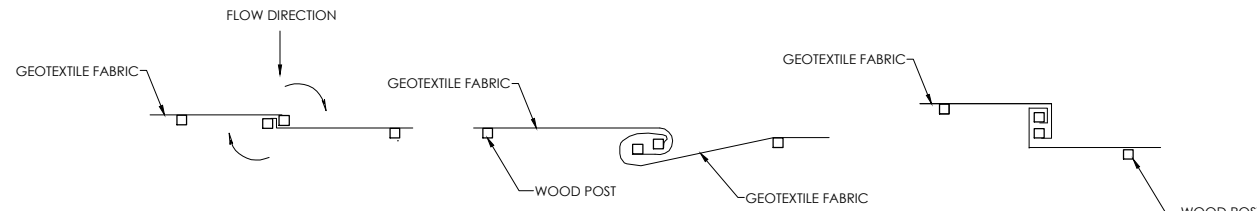
- NOTES:
- TRENCH SHALL BE A MINIMUM OF 4" WIDE BY 6" DEEP TO BURY AND ANCHOR THE GEOTEXTILE FABRIC, FOLD MATERIAL TO FIT TRENCH AND BACKFILL AND COMPACT TRENCH WITH EXCAVATED SOIL.
 - HORIZONTAL BRACE WITH 2" X 4" WOODEN FRAME OR EQUIVALENT AT TOP OF POST AS DIRECTED BY THE ENGINEER.
 - WOOD POST SHALL BE A MINIMUM SIZE OF 1 1/8" X 1 1/8" OF OAK OR HICKORY.



SILT FENCE TIE BACK DETAIL

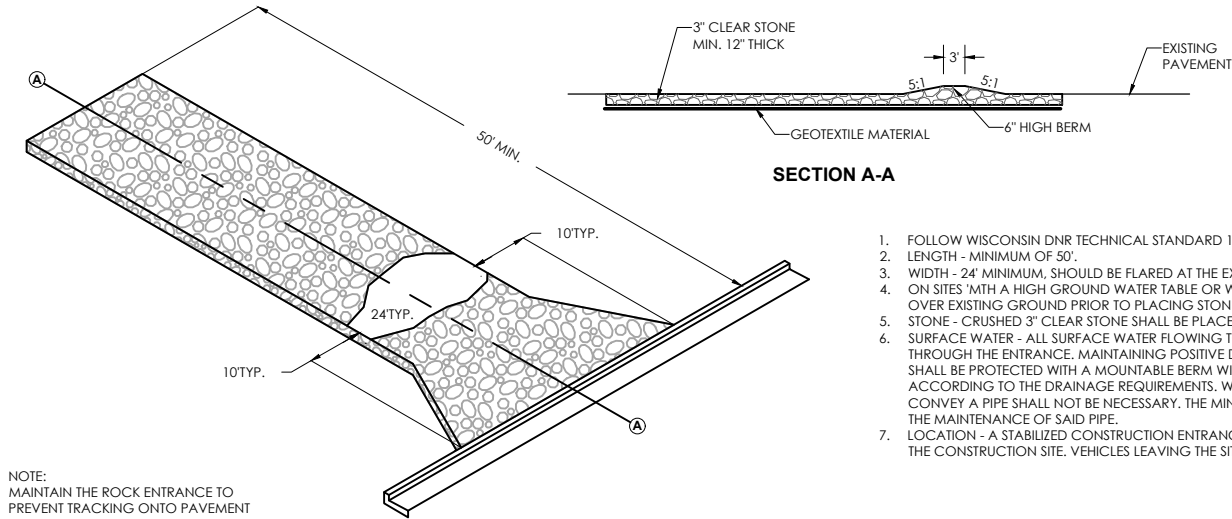


TRENCH DETAIL



JOINING LENGTHS OF SILT FENCE

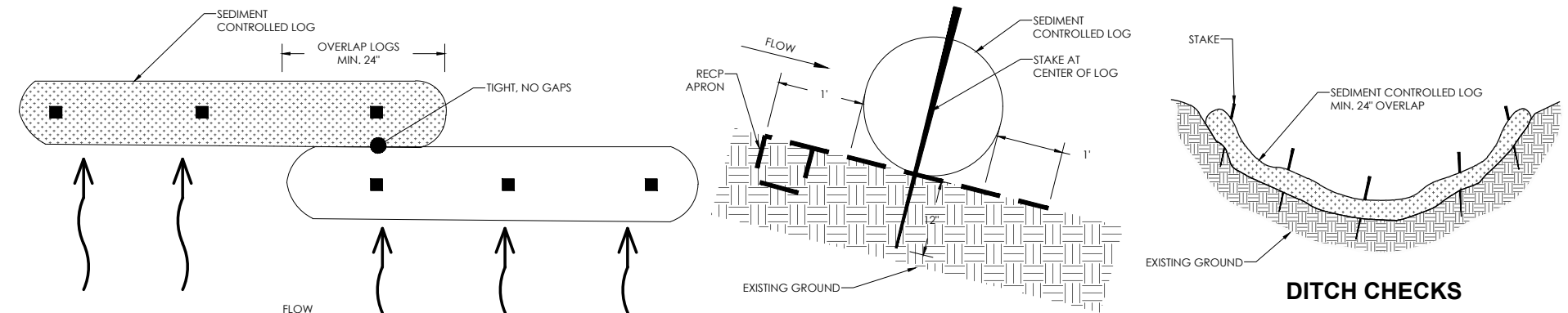
1-SILT FENCE



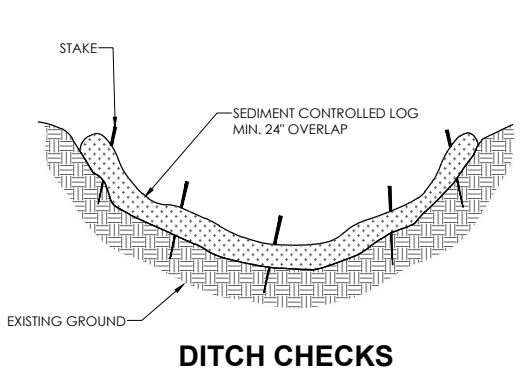
SECTION A-A

- FOLLOW WISCONSIN DNR TECHNICAL STANDARD 1057 FOR FURTHER DETAILS AND INSTALLATION.
- LENGTH - MINIMUM OF 50'.
- WIDTH - 24' MINIMUM, SHOULD BE FLARED AT THE EXISTING ROAD TO PROVIDE A TURNING RADIUS.
- ON SITES WITH A HIGH GROUND WATER TABLE OR WHERE SATURATED CONDITIONS EXIST, GEOTEXTILE FABRIC SHALL BE PLACED OVER EXISTING GROUND PRIOR TO PLACING STONE. FABRIC SHALL BE WISDOT TYPE-HR GEOTEXTILE FABRIC.
- STONE - CRUSHED 3" CLEAR STONE SHALL BE PLACED AT LEAST 12" DEEP OVER THE ENTIRE LENGTH AND WIDTH OF ENTRANCE.
- SURFACE WATER - ALL SURFACE WATER FLOWING TO OR DIVERTED TOWARDS CONSTRUCTION ENTRANCES SHALL BE PIPED THROUGH THE ENTRANCE, MAINTAINING POSITIVE DRAINAGE. PIPE INSTALLED THROUGH THE STABILIZED CONSTRUCTION ENTRANCE SHALL BE PROTECTED WITH A MOUNTABLE BERM WITH 5:1 SLOPES AND MINIMUM OF 6" STONE OVER THE PIPE. PIPE SHALL BE SIZED ACCORDING TO THE DRAINAGE REQUIREMENTS, WHEN THE ENTRANCE IS LOCATED AT A HIGH SPOT AND HAS NO DRAINAGE TO CONVEY A PIPE SHALL NOT BE NECESSARY. THE MINIMUM PIPE DIAMETER SHALL BE 6". CONTRACTOR SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF SAID PIPE.
- LOCATION - A STABILIZED CONSTRUCTION ENTRANCE SHALL BE LOCATED WHERE CONSTRUCTION TRAFFIC ENTERS AND/OR LEAVES THE CONSTRUCTION SITE. VEHICLES LEAVING THE SITE MUST TRAVEL OVER THE ENTIRE LENGTH OF THE TRACKING PAD.

2-TRACKING PAD

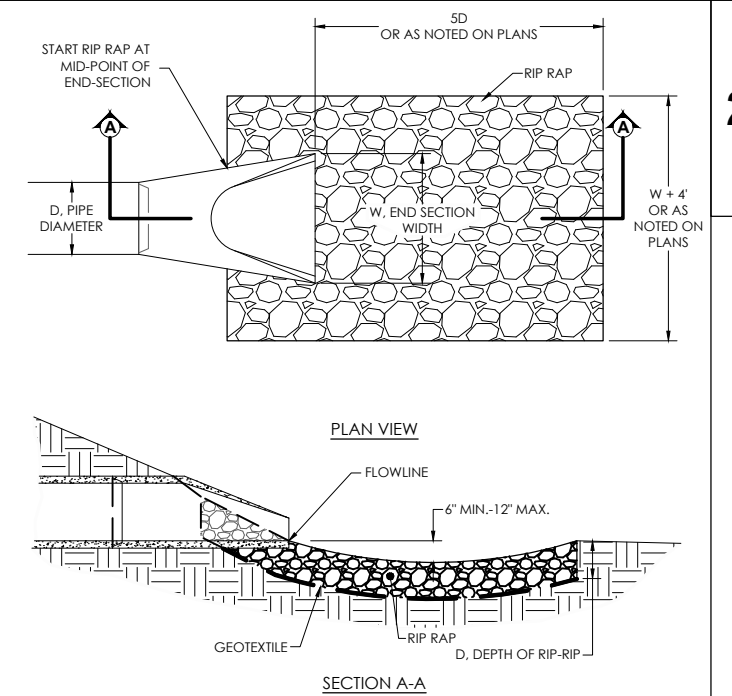


3-TEMPORARY DITCH CHECK (SEDIMENT LOGS)



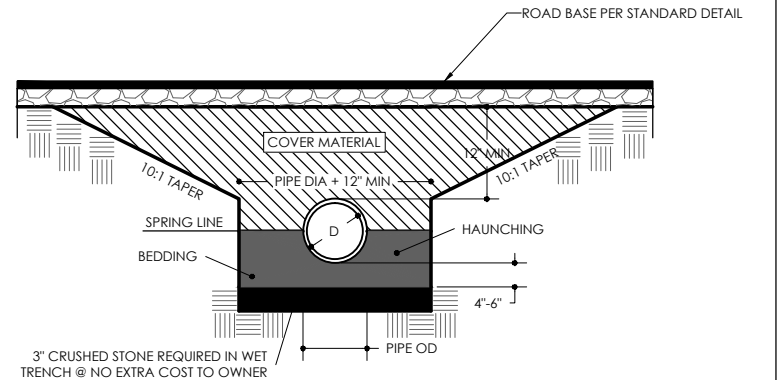
DITCH CHECKS

4-RIP RAP AT PIPE INLET



CMP/HDPE PIPE

RIP RAP CLASS	WIS DOT RIP RAP EQUIVALENT	d, DEPTH
1	--	9"
2	LIGHT	18"
3	HEAVY	27"
4	EXTRA HEAVY	36"



BEDDING AND COVER MATERIAL:

CLASS IA: CLEAN, ANGULAR CRUSHED STONE, CRUSHED ROCK, OR CRUSHED GRAVEL CONFORMING TO THE FOLLOWING GRADATION:

SIEVE SIZE	% PASSING BY WEIGHT
1"	100
3/4"	90-100
3/8"	20-55
NO. 4	0-10
NO. 8	0-5

CLASS IB: CLEAN, ANGULAR CRUSHED STONE, CRUSHED ROCK, OR CRUSHED GRAVEL CONFORMING TO THE FOLLOWING GRADATION:

SIEVE SIZE	% PASSING BY WEIGHT
1/2"	100
3/8"	85-100
NO. 4	10-30
NO. 200	0-5

CLASS II: CLEAN COARSE-GRAINED SOILS CLASSIFIED IN ASTM D2487 AS GW, GP, SW, SP.
CLASS III: COARSE-GRAINED SOILS WITH FINES CLASSIFIED IN ASTM D2487 AS GM, GC, SM, SC.

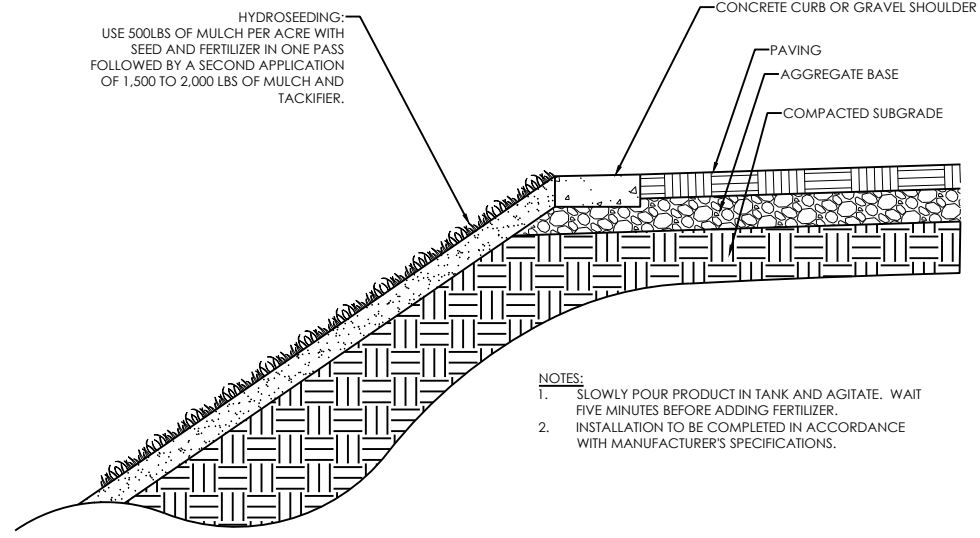
INSTALLATION:
PLACE 4" OF BEDDING MATERIAL BENEATH PIPE. PLACE BEDDING MATERIAL AROUND THE PIPE TO THE SPRING LINE. WORK THE MATERIAL IN AND AROUND THE PIPE BY HAND TO PROVIDE UNIFORM SUPPORT. PLACE COVER MATERIAL CAREFULLY TO A LEVEL 6" ABOVE THE PIPE.

5-RIGID PIPE BEDDING

EROSION CONTROL NOTES

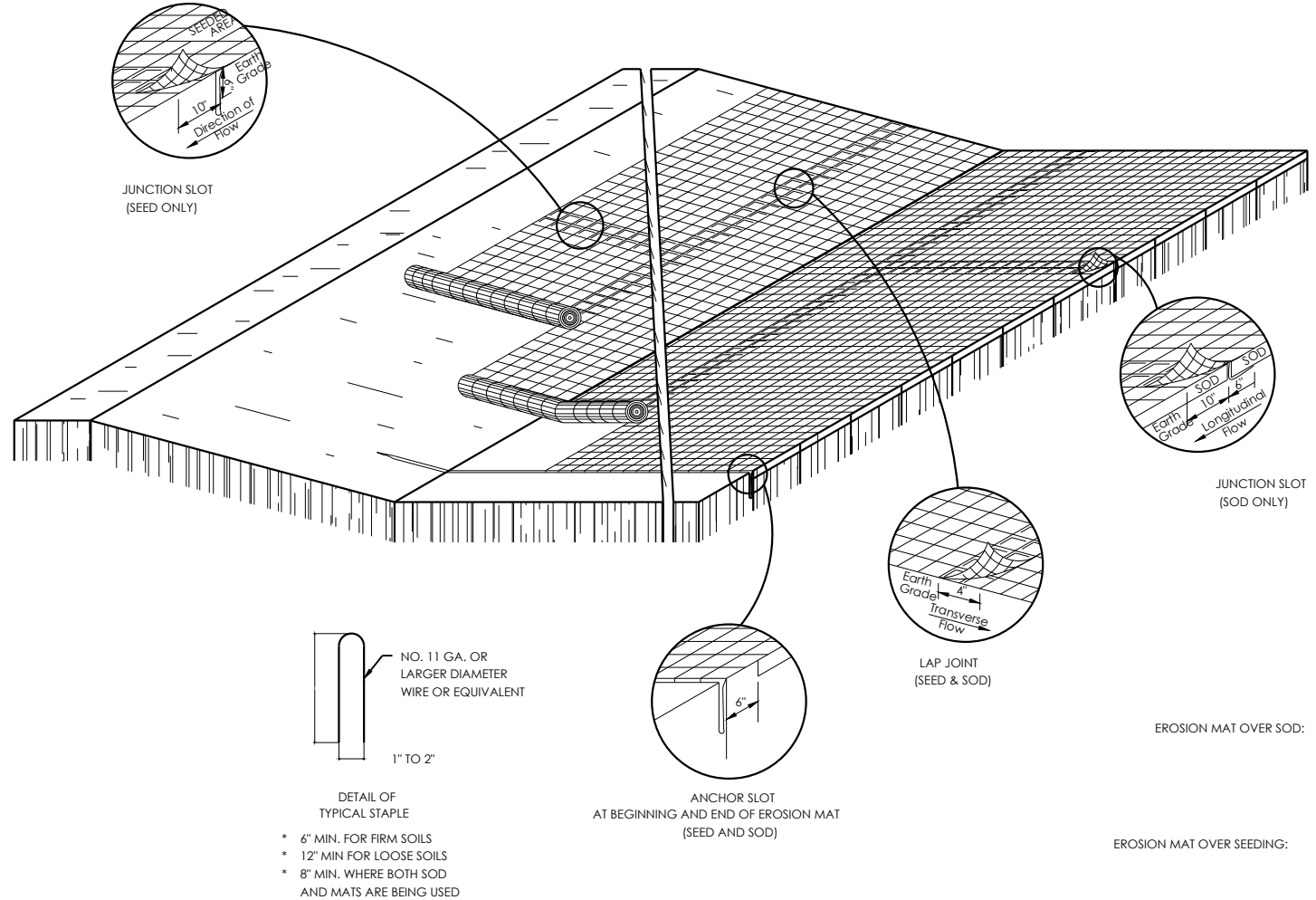
- POST WDNR CERTIFICATE OF PERMIT COVERAGE ON SITE AND MAINTAIN UNTIL CONSTRUCTION ACTIVITIES HAVE CEASED. THE SITE IS STABILIZED, AND A NOTICE OF TERMINATION IS FILED WITH WDNR.
- KEEP A COPY OF THE CURRENT EROSION CONTROL PLAN ON SITE THROUGHOUT THE DURATION OF THE PROJECT.
- SUBMIT PLAN REVISIONS OR AMENDMENTS TO THE WDNR AT LEAST 5 DAYS PRIOR TO FIELD IMPLEMENTATION.
- TOWN OR ITS REPRESENTATIVE IS RESPONSIBLE FOR ROUTINE SITE INSPECTIONS AT LEAST ONCE EVERY 7 DAYS AND WITHIN 24 HOURS AFTER A RAINFALL EVENT OF 0.5 INCHES OR GREATER. KEEP INSPECTION REPORTS ON-SITE AND MAKE THEM AVAILABLE UPON REQUEST.
- INSPECT AND MAINTAIN ALL INSTALLED EROSION CONTROL PRACTICES UNTIL THE CONTRIBUTING DRAINAGE AREA HAS BEEN STABILIZED.
- WHEN POSSIBLE: PRESERVE EXISTING VEGETATION (ESPECIALLY ADJACENT TO SURFACE WATERS), MINIMIZE LAND-DISTURBING CONSTRUCTION ACTIVITY ON SLOPES OF 20% OR MORE, MINIMIZE SOIL COMPACTION, AND PRESERVE TOPSOIL.
- REFER TO THE WDNR STORMWATER CONSTRUCTION TECHNICAL STANDARDS AT [HTTP://DNR.WI.GOV/TOPIC/STORMWATER/STANDARDS/CONST_STANDARDS.HTML](http://DNR.WI.GOV/TOPIC/STORMWATER/STANDARDS/CONST_STANDARDS.HTML).
- INSTALL PERIMETER EROSION CONTROLS AND ROCK TRACKING PAD CONSTRUCTION ENTRANCE(S) PRIOR TO ANY LAND-DISTURBING ACTIVITIES, INCLUDING CLEARING AND GRUBBING. USE WDNR TECHNICAL STANDARD STONE TRACKING PAD AND TIRE WASHING #1057 FOR ROCK CONSTRUCTION ENTRANCE(S).
- INSTALL INLET PROTECTION PRIOR TO LAND-DISTURBING ACTIVITIES IN THE CONTRIBUTING DRAINAGE AREA AND/OR IMMEDIATELY UPON INLET INSTALLATION. COMPLY WITH WDNR TECHNICAL STANDARD STORM DRAIN INLET PROTECTION FOR CONSTRUCTION SITES #1060.
- STAGE CONSTRUCTION GRADING ACTIVITIES TO MINIMIZE THE CUMMULATIVE EXPOSED AREA. CONDUCT TEMPORARY GRADING FOR EROSION CONTROL PER WDNR TECHNICAL STANDARD TEMPORARY GRADING PRACTICES FOR EROSION CONTROL #1067.
- PERMITTING OF GROUNDWATER DEWATERING IS THE RESPONSIBILITY OF THE OWNER. GROUNDWATER DEWATERING IS SUBJECT TO A DNR WASTEWATER DISCHARGE PERMIT AND A DNR HIGH CAPACITY WELL APPROVAL IF CUMULATIVE PUMP CAPACITY IS 70 GPM OR MORE.
- PROVIDE ANTI-SCOUR PROTECTION AND MAINTAIN NON-EROSIVE FLOW DURING DEWATERING. PERFORM DEWATERING OF ACCUMULATED SURFACE RUNOFF IN ACCORDANCE WITH WDNR TECHNICAL STANDARD DE-WATERING #1061. (REV. FEBRUARY 2017)
- COMPLETE AND STABILIZE SEDIMENT BASINS/TRAPS OR WET PONDS PRIOR TO MASS LAND DISTURBANCE TO CONTROL RUNOFF DURING CONSTRUCTION. REMOVE SEDIMENT AS NEEDED TO MAINTAIN 3 FEET OF DEPTH TO THE OUTLET, AND PROPERLY DISPOSE OF SEDIMENT REMOVED DURING MAINTENANCE (REFER TO NR 528). CONSTRUCT AND MAINTAIN THE SEDIMENT BASIN PER WDNR TECHNICAL STANDARD SEDIMENT BASIN #1064 AND SEDIMENT TRAP # 1063.
- CONSTRUCT AND PROTECT BIO-INFILTRATION BASIN AND VEGETATION IF APPLICABLE FROM RUNOFF AND SEDIMENT DURING CONSTRUCTION. REFERENCE THE WDNR TECHNICAL STANDARD BIORETENTION FOR INFILTRATION # 1004.

- INSTALL AND MAINTAIN SILT FENCING PER WDNR TECHNICAL STANDARD SILT FENCE REMOVE SEDIMENT FROM BEHIND SILT FENCES AND SEDIMENT BARRIERS BEFORE SEDIMENT REACHES A DEPTH THAT IS EQUAL TO ONE-HALF OF THE FENCE AND/OR BARRIER HEIGHT.
- REPAIR BREAKS AND GAPS IN SILT FENCES AND BARRIERS IMMEDIATELY. REPLACE DECOMPOSING STRAW BALES (TYPICAL BALE LIFE IS 3 MONTHS). LOCATE, INSTALL, AND MAINTAIN STRAW BALES PER WDNR TECHNICAL STANDARD DITCH CHECKS #1062.
- INSTALL AND MAINTAIN FILTER SOCKS IN ACCORDANCE WITH WDNR TECHNICAL STANDARD INTERIM MANUFACTURED PERIMETER CONTROL AND SLOPE INTERRUPTION PRODUCTS # 1071.
- IMMEDIATELY STABILIZE STOCKPILES AND SURROUND STOCKPILES AS NEEDED WITH SILT FENCE OR OTHER PERIMETER CONTROL IF STOCKPILES WILL REMAIN INACTIVE FOR 7 DAYS OR LONGER.
- IMMEDIATELY STABILIZE ALL DISTURBED AREAS THAT WILL REMAIN INACTIVE FOR 14 DAYS OR LONGER. BETWEEN SEPTEMBER 15 AND OCTOBER 15: STABILIZE WITH MULCH, TACKIFIER, AND A PERENNIAL SEED MIXED WITH WINTER WHEAT, ANNUAL OATS, OR ANNUAL RYE, AS APPROPRIATE FOR REGION AND SOIL TYPE. OCTOBER 15 THROUGH COLD WEATHER: STABILIZE WITH A POLYMER AND DORMANT SEED MIX, AS APPROPRIATE FOR REGION AND SOIL TYPE.
- STABILIZE AREAS OF FINAL GRADING WITHIN 7 DAYS OF REACHING FINAL GRADE.
- SWEEP/CLEAN UP ALL SEDIMENT/TRASH THAT MOVES OFF-SITE DUE TO CONSTRUCTION ACTIVITY OR STORM EVENTS BEFORE THE END OF THE SAME WORKDAY OR AS DIRECTED BY TOWN OF LA GRANGE. SEPARATE SWEEP MATERIALS (SOILS AND TRASH) AND DISPOSE OF APPROPRIATELY.
- CONTRACTOR SHALL BE RESPONSIBLE FOR CONTROLLING DUST PER WDNR TECHNICAL STANDARD DUST CONTROL ON CONSTRUCTION SITES # 1068.
- PROPERLY DISPOSE OF ALL WASTE AND UNUSED BUILDING MATERIALS (INCLUDING GARBAGE, DEBRIS, CLEANING WASTES, OR OTHER CONSTRUCTION MATERIALS) AND DO NOT ALLOW THESE MATERIALS TO BE CARRIED BY RUNOFF INTO THE RECEIVING CHANNEL.
- COORDINATE WITH TOWN OF LA GRANGE TO UPDATE THE LAND DISTURBANCE PERMIT TO INDICATE THE ANTICIPATED OR LIKELY DISPOSAL LOCATIONS FOR ANY EXCAVATED SOILS OR CONSTRUCTION DEBRIS THAT WILL BE HAULED OFF-SITE FOR DISPOSAL. THE DEPOSITED OR STOCKPILED MATERIAL NEEDS TO INCLUDE PERIMETER SEDIMENT CONTROL MEASURES (SUCH AS SILT FENCE, HAY BALES, FILTER SOCKS, OR COMPACTED EARTHEN BERMS).
- FOR NON-CHANNELIZED FLOW ON DISTURBED OR CONSTRUCTED SLOPES, PROVIDE CLASS I TYPE B EROSION CONTROL MATTING. SELECT EROSION MATTING FROM APPROPRIATE MATRIX IN WDOTS WIDOT PRODUCT ACCEPTABILITY LIST (PAL); INSTALL AND MAINTAIN PER WDNR TECHNICAL STANDARD NON-CHANNEL EROSION MAT #1052.
- FOR CHANNELIZED FLOW ON DISTURBED OR CONSTRUCTED AREAS, PROVIDE CLASS II TYPE B EROSION CONTROL MATTING. SELECT EROSION MATTING FROM APPROPRIATE MATRIX IN WDOTS WIDOT PRODUCT ACCEPTABILITY LIST (PAL); INSTALL AND MAINTAIN PER WDNR TECHNICAL STANDARD CHANNEL EROSION MAT #1053.
- MAKE PROVISIONS FOR WATERING DURING THE FIRST 8 WEEKS FOLLOWING SEEDING OR PLANTING OF DISTURBED AREAS WHENEVER MORE THAN 7 CONSECUTIVE DAYS OF DRY WEATHER OCCUR.



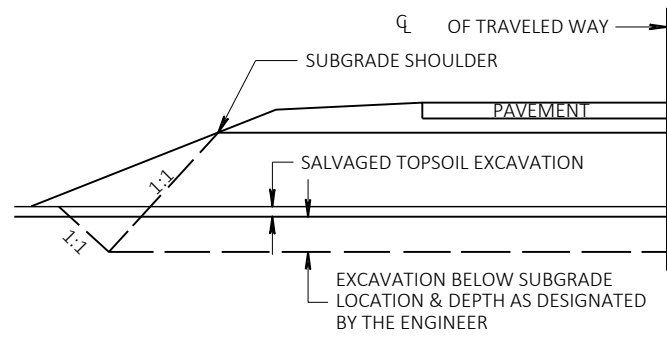
- NOTES:
1. SLOWLY POUR PRODUCT IN TANK AND AGITATE. WAIT FIVE MINUTES BEFORE ADDING FERTILIZER.
2. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.

CROSS SECTION
1-HYDROSEEDING TYP. DETAIL

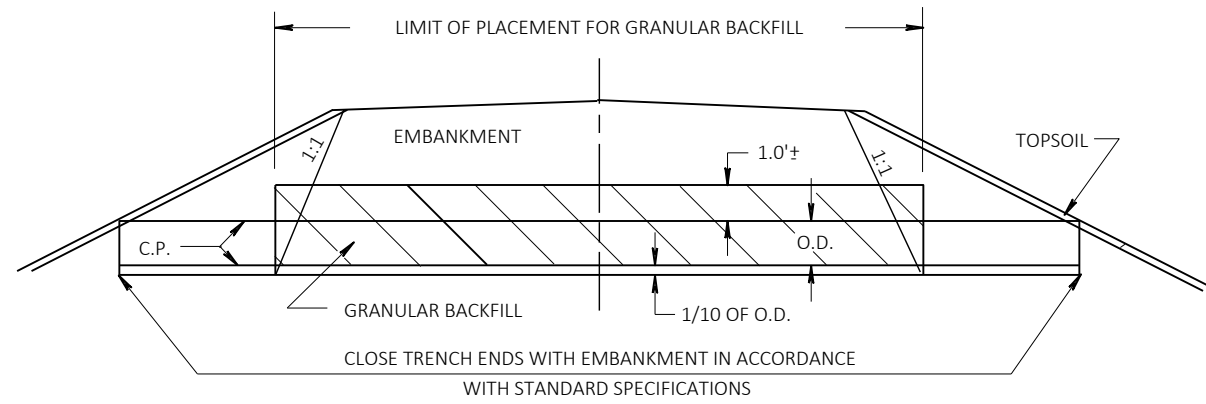


- EROSION CONTROL**
GENERAL NOTES:
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL SPECIFICATIONS.
VARIATIONS IN THE DIMENSIONS OF MATERIALS SHOWN HEREON SHALL BE PERMITTED IF THEY PROVIDE EQUIVALENT PROTECTION AND MATERIAL STRENGTH AND IF PRIOR APPROVAL OF THE ENGINEER IS OBTAINED.
LAP JOINTS SHALL NOT BE PLACED IN THE BOTTOM OF V-SHAPED DITCHED.
JUNCTION SLOTS ON ADJACENT STRIPS OF MATTING SHALL BE STAGGERED A MINIMUM OF 4 FEET APART.
EDGES OF THE EROSION MAT SHALL BE IMPRESSED IN THE SOIL.
EROSION MAT SHALL BE MEASURED AND PAYED FOR IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS.
- EROSION MAT OVER SOD:
A: ONLY JUTE FABRIC WILL BE PERMITTED OVER SOD.
B: ROAD STAKES FOR THE SOD MAY BE OMITTED BY THE ENGINEER IF THE EXISTING SLOPE AND SOIL CONDITIONS SO WARRANT.
C: THE WIDTH OF EROSION MAT SHALL ALWAYS EQUAL THE SOD WIDTH.
D: SOD STRIPS MAY BE PLACED EITHER LONGITUDINALLY OR TRANSVERSELY TO THE FLOW LINE OF THE DITCH.
- EROSION MAT OVER SEEDING:
JUNCTION OR ANCHOR SLOTS SHALL BE AT MINIMUM INTERVALS OF 100 FEET ON GRADES UP TO AND INCLUDING 3 PERCENT, AND 50 FEET ON GRADES EXCEEDING 3 PERCENT.

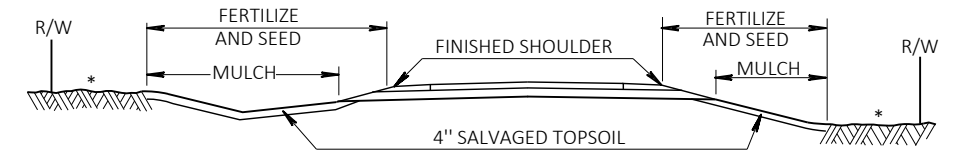
2-EROSION MAT AND SOD



DETAIL FOR EXCAVATION BELOW SUBGRADE

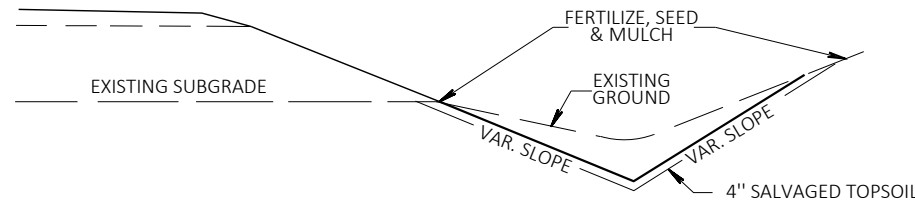


CULVERT BACKFILL DETAIL

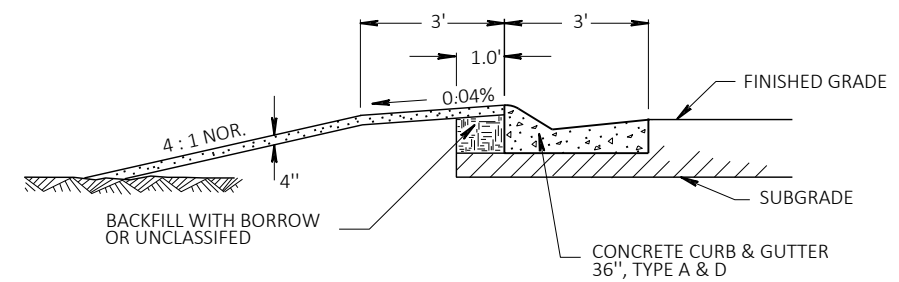


* DISTURBED AREAS TO BE FERTILIZED & SEEDED

DETAIL FOR FINISHING ITEMS

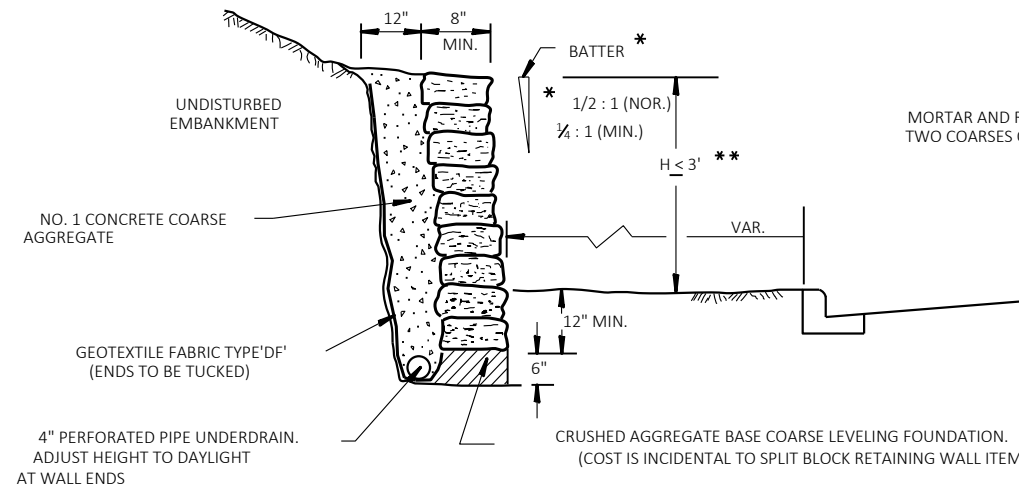


DITCH SHAPING DETAIL

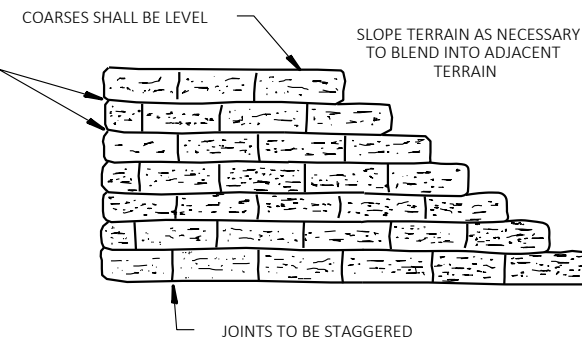


BERM DETAIL BEHIND 36" MOUNTABLE CURB & GUTTER

** SEE PLAN SHEETS AND/OR CROSS SECTIONS FOR ACTUAL DIMENSIONS. WALLS GREATER THAN 3 FT. MUST BE DESIGNED BY A GEOTECHNICAL ENGINEER.



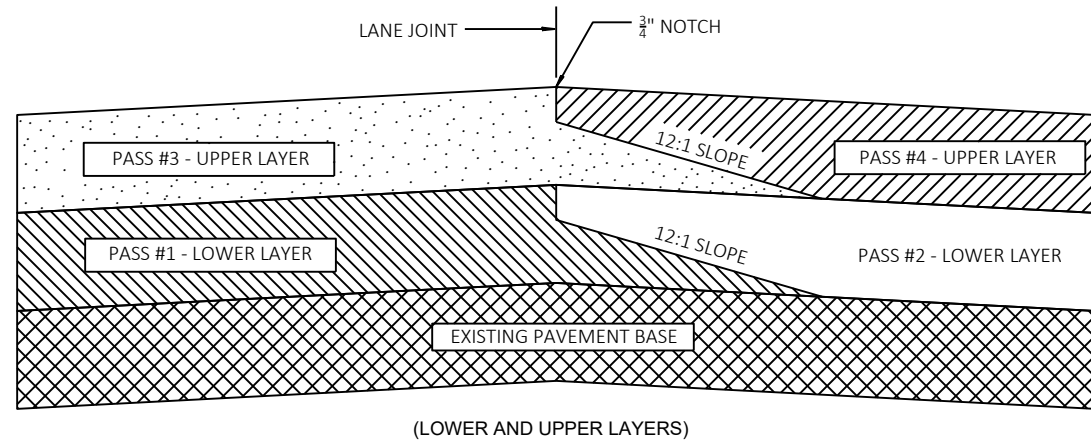
SIDE VIEW



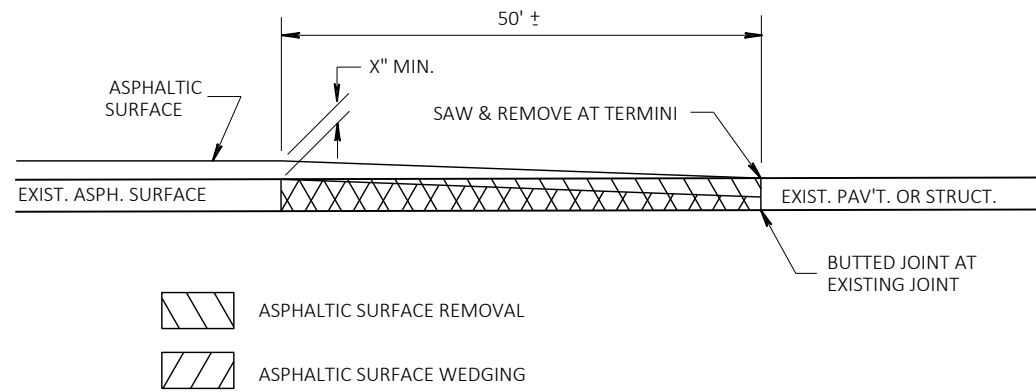
FRONT VIEW

MEASURED AND PAID FOR AS "SPLIT CONCRETE BLOCK RETAINING WALL", PAY HEIGHT = H + 12"

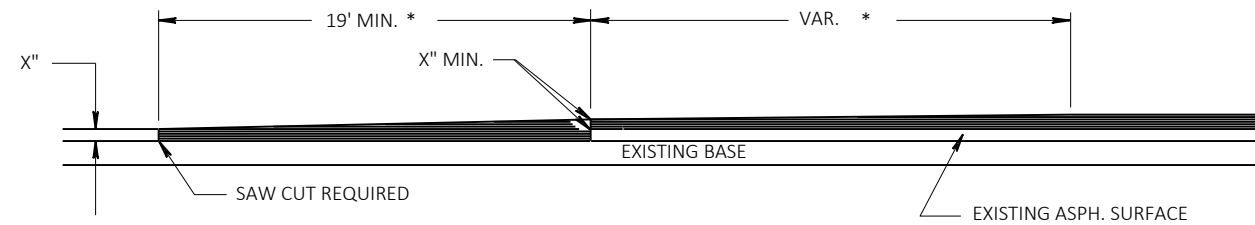
DETAIL FOR SPLIT CONCRETE BLOCK RETAINING WALL



TYPICAL PAVEMENT CROSS SECTIONS OF
TAPERED AND NOTCHED LONGITUDINAL JOINTS

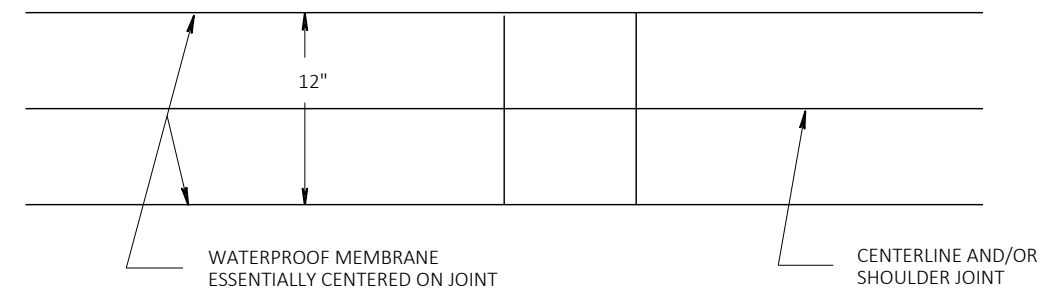
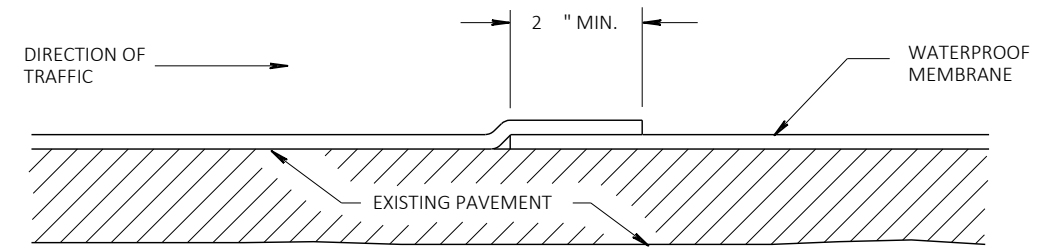


OVERLAP JOINT, BUTTED DETAIL

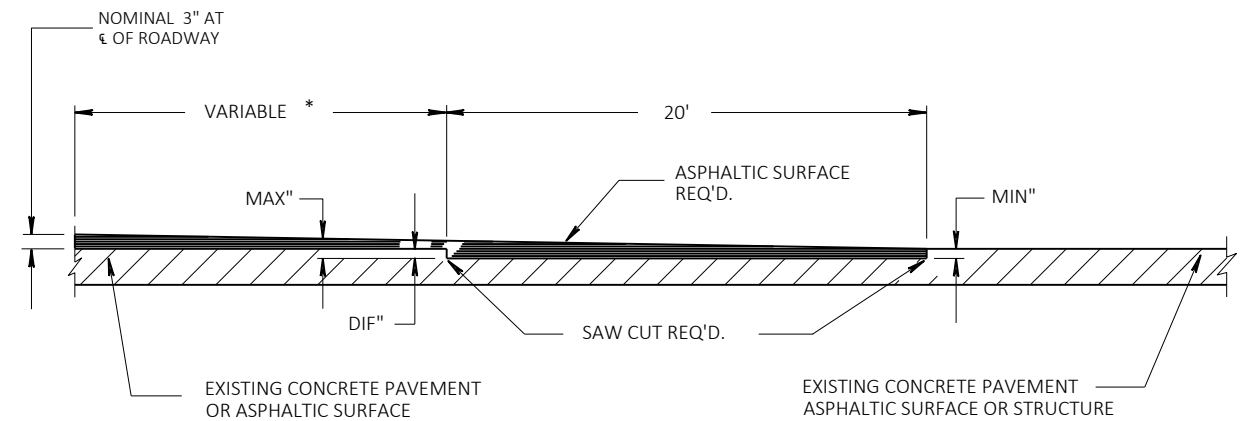


DETAIL OF MAINLINE OVERLAP BUTTED JOINT

* EXACT DIMENSIONS TO BE DETERMINED
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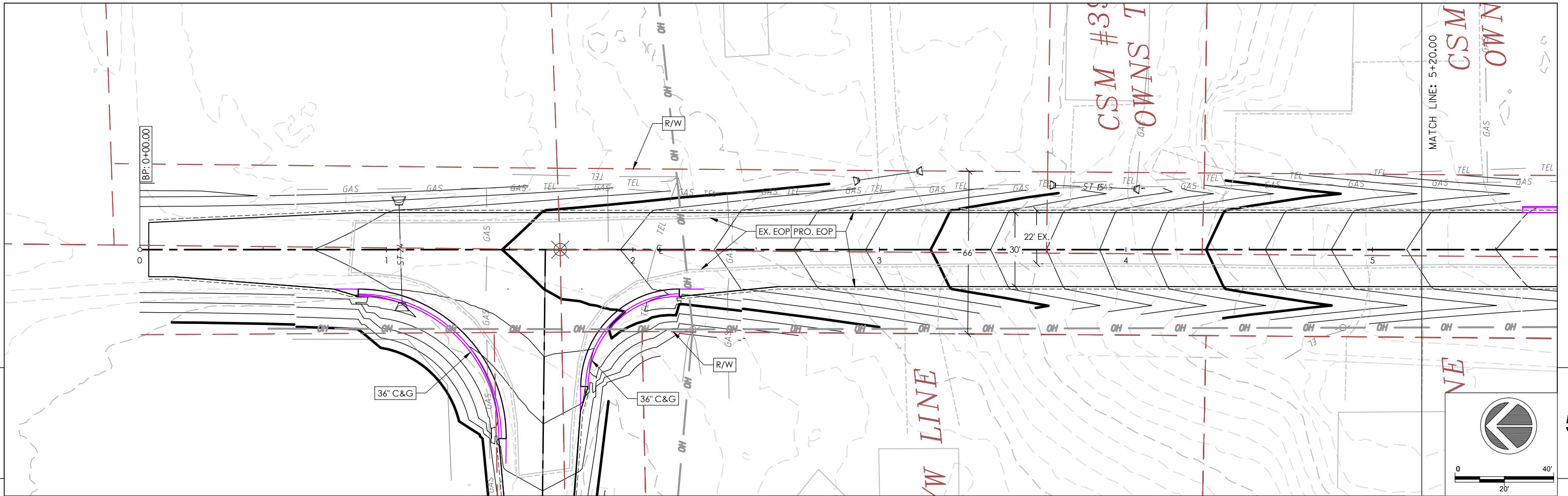


WATERPROOF MEMBRANE OVERLAP DETAIL



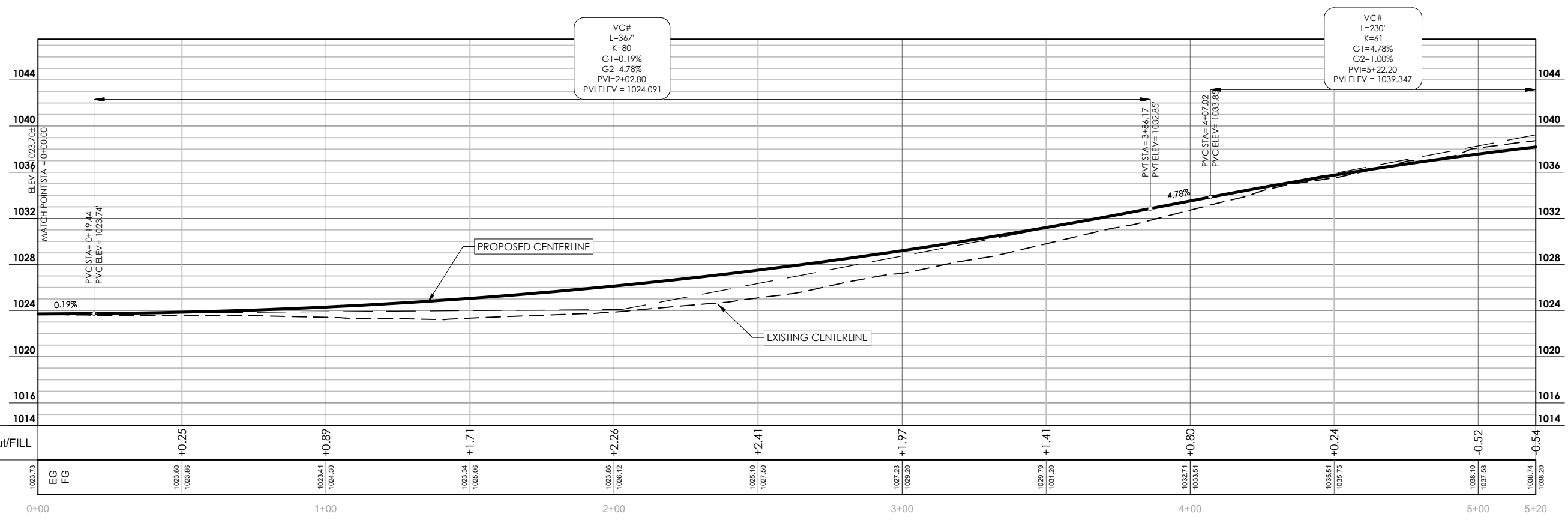
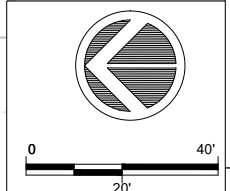
DETAIL OF BUTTED JOINT

* EXACT DIMENSIONS TO BE DETERMINED
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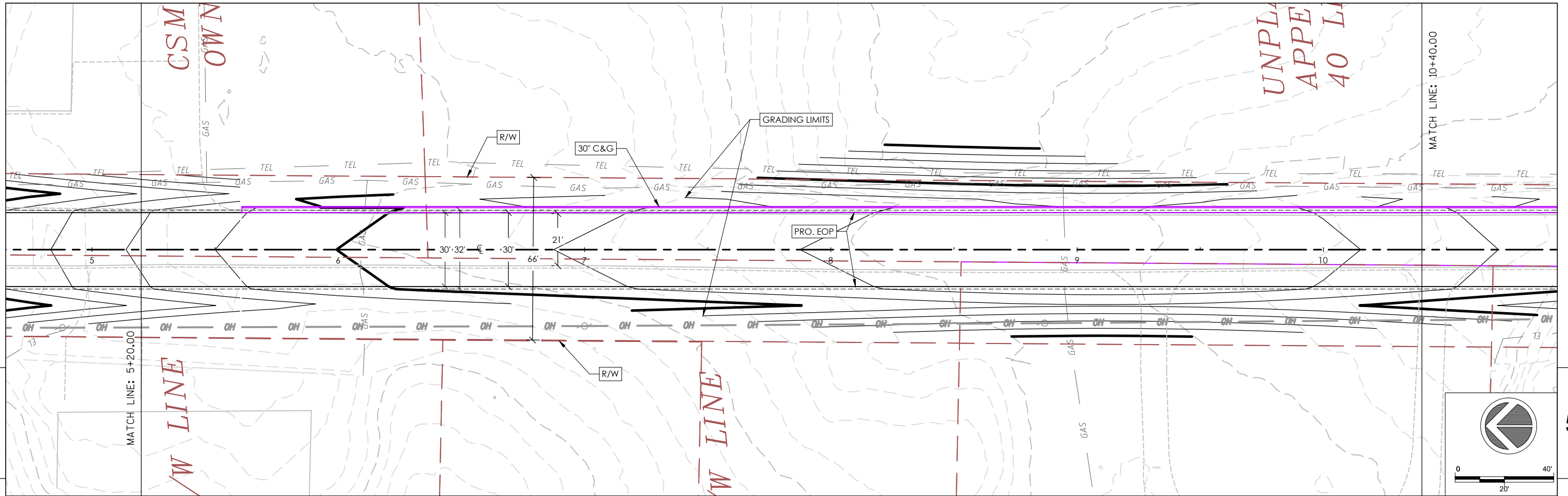


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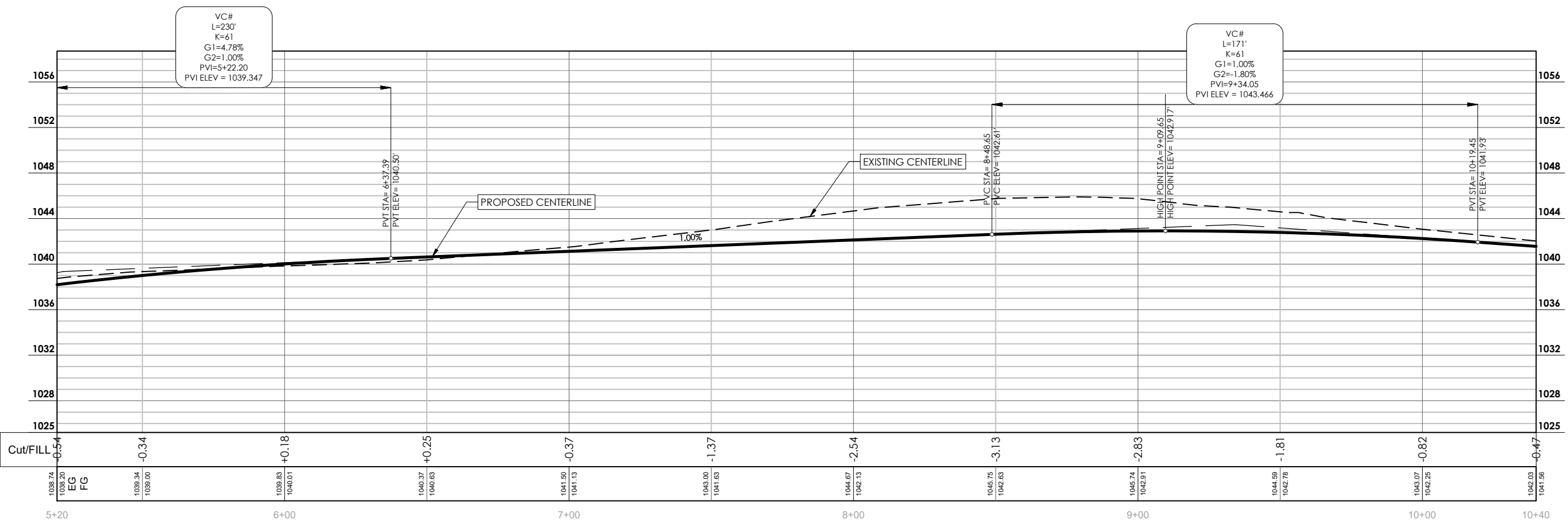
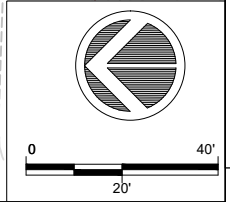


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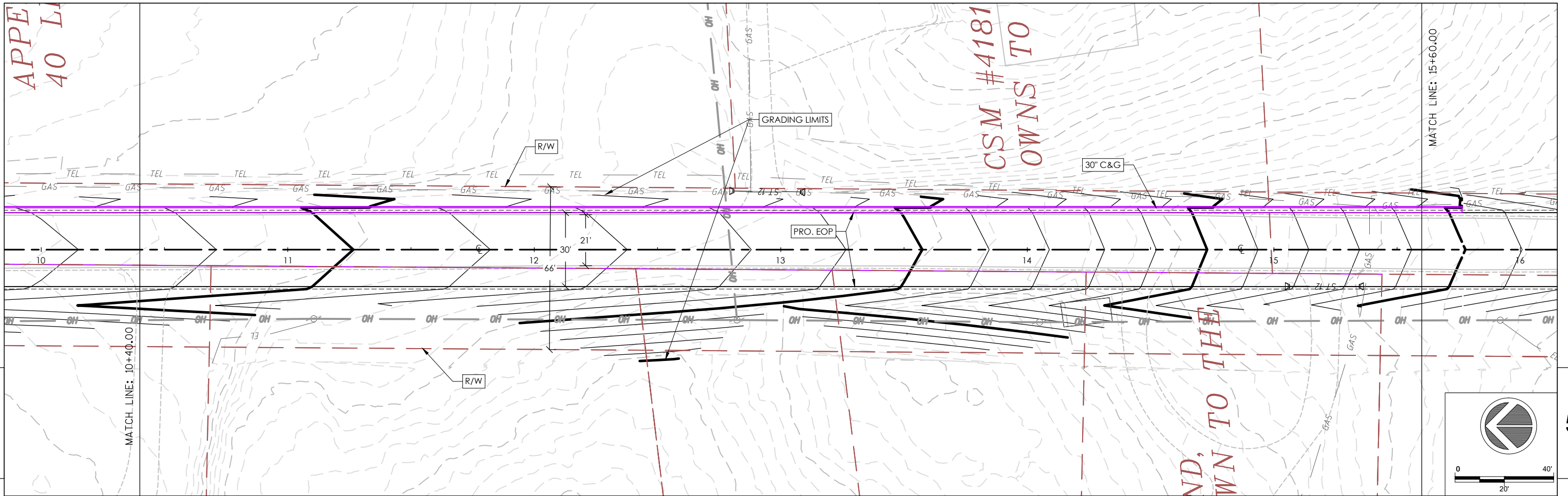
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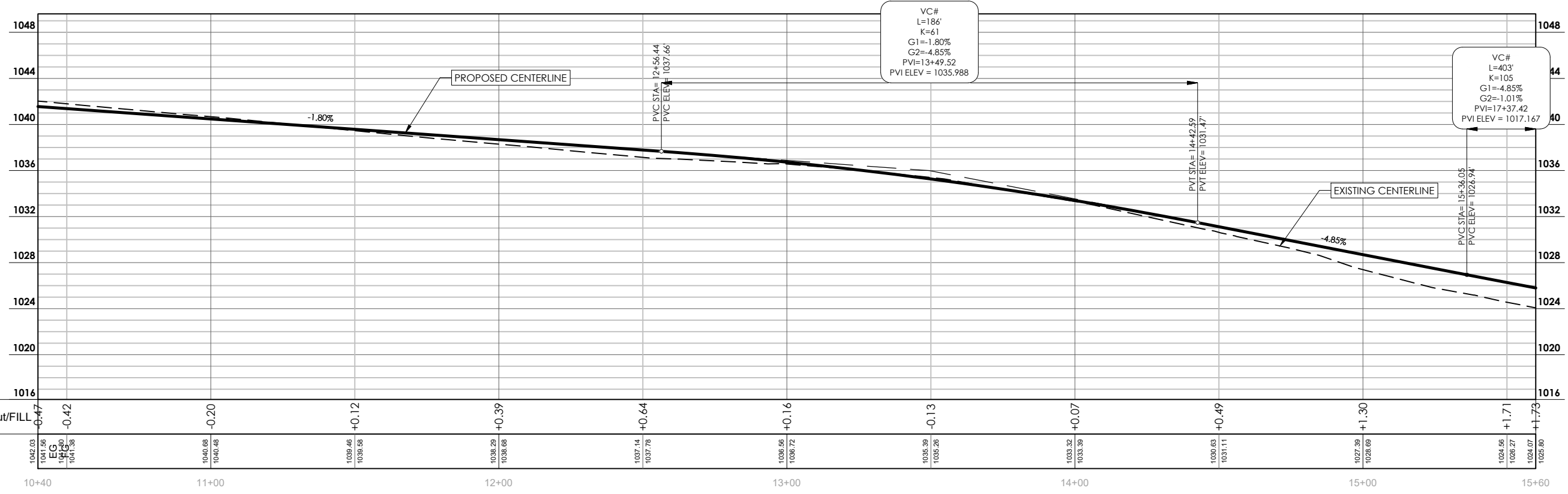
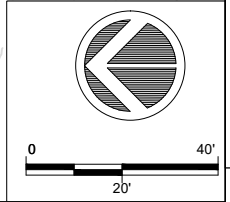
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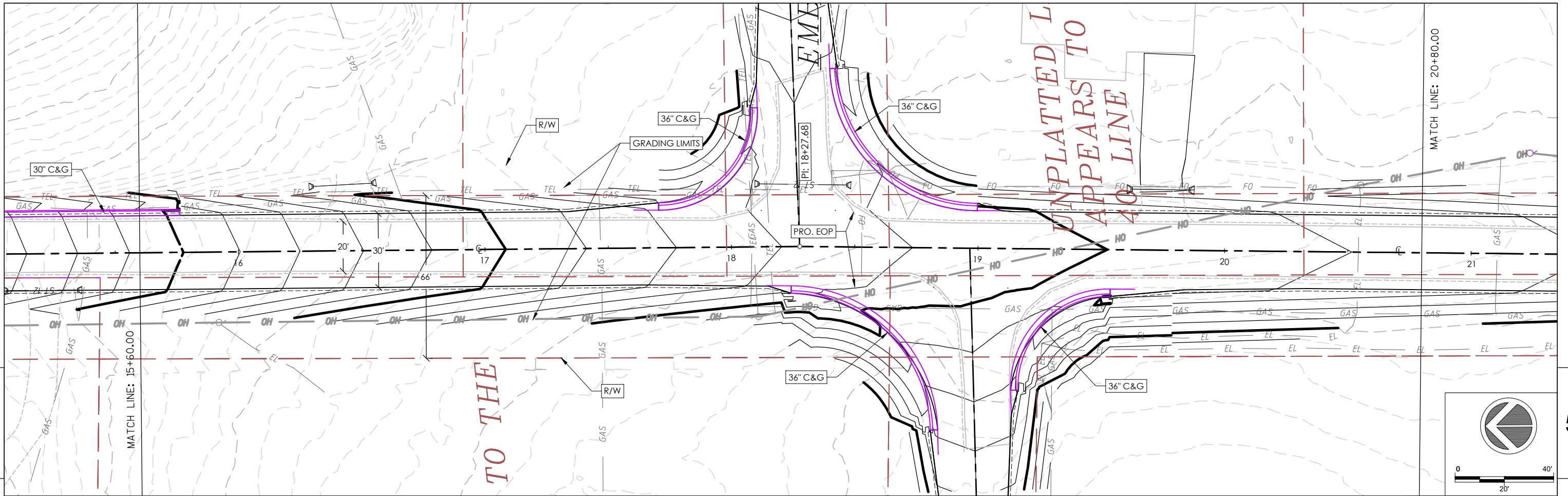
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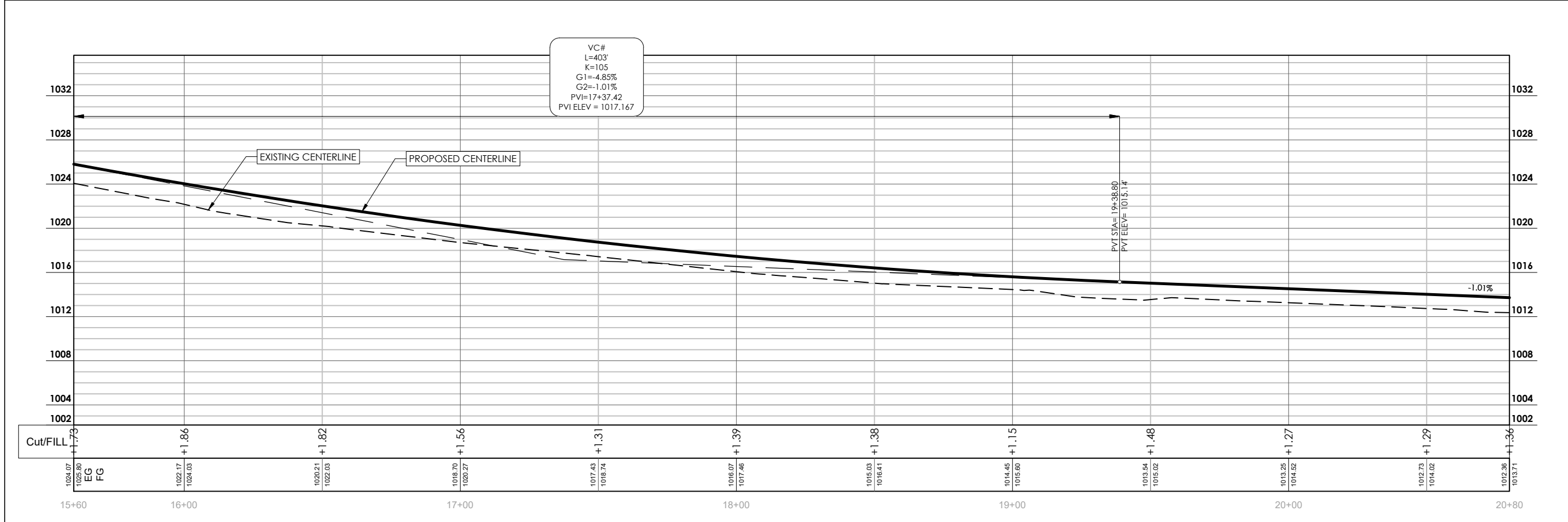
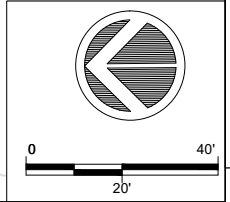
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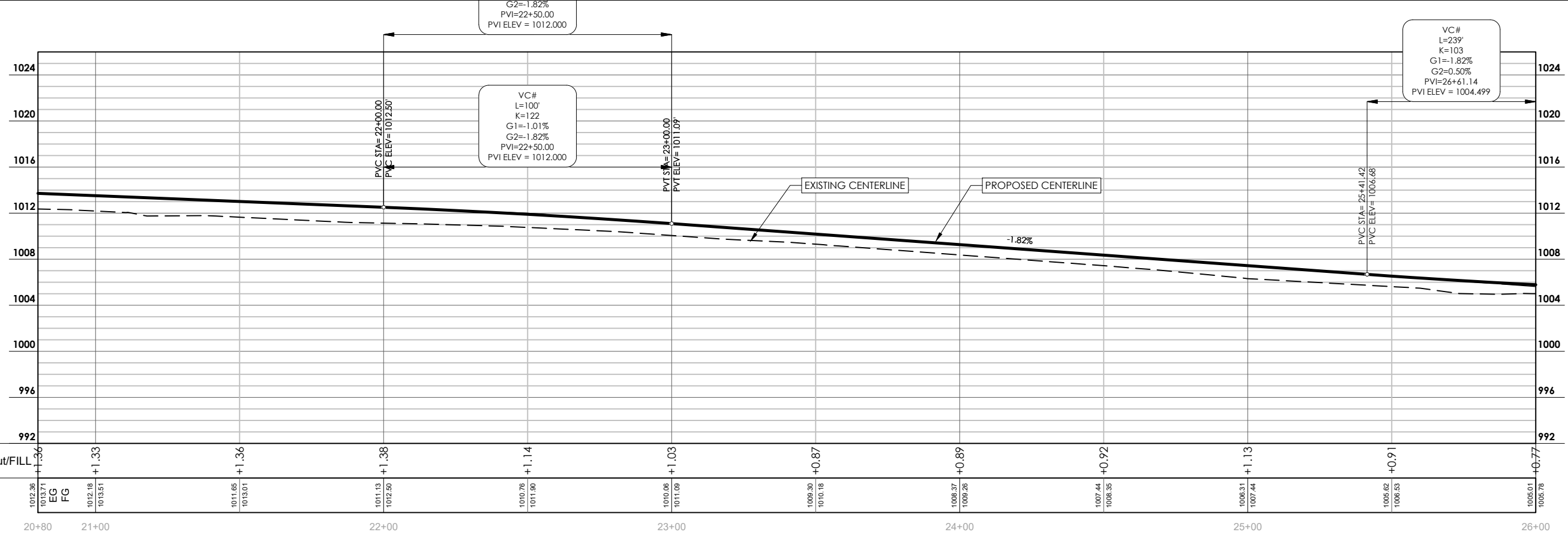
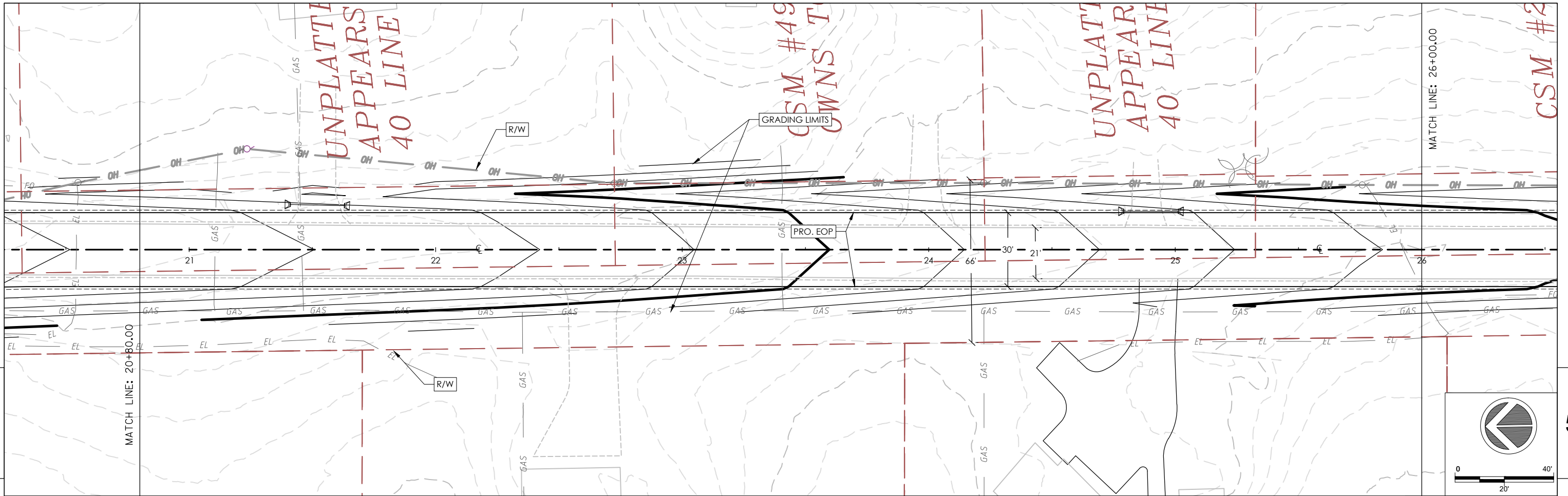
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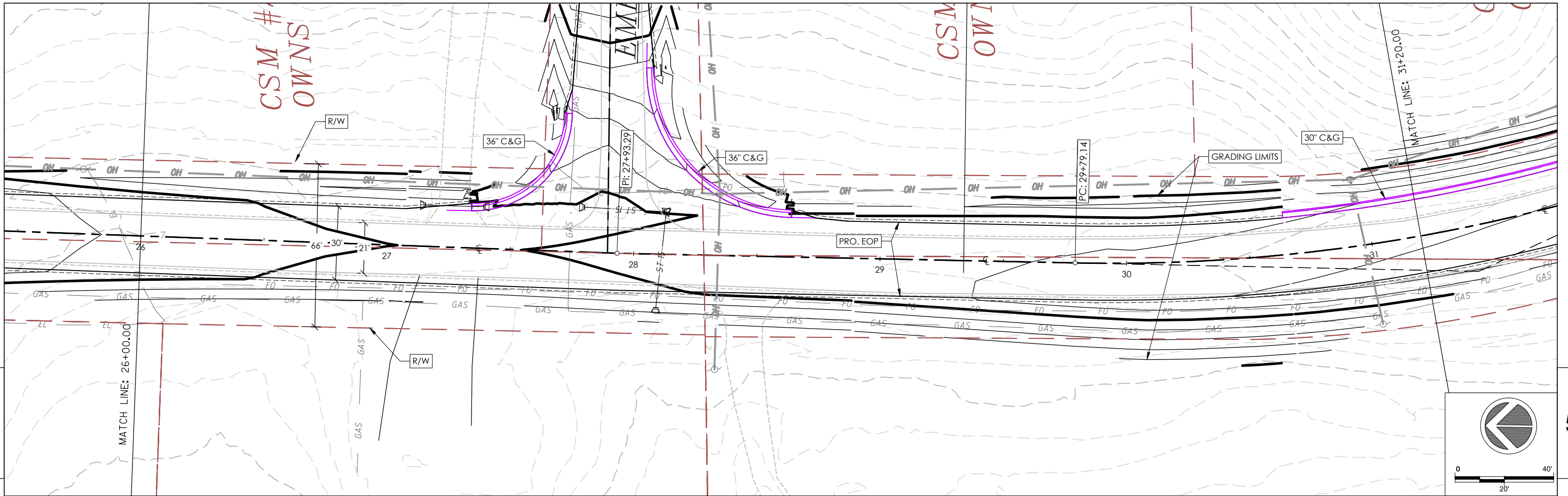
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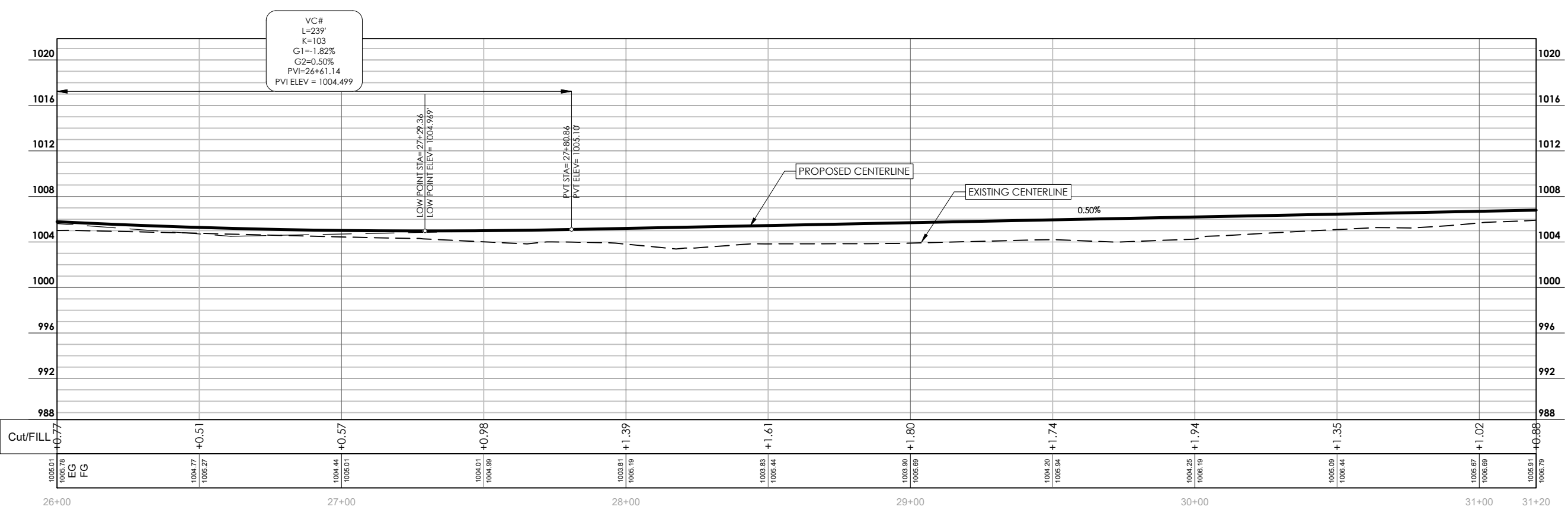
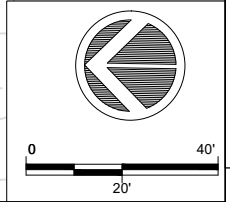
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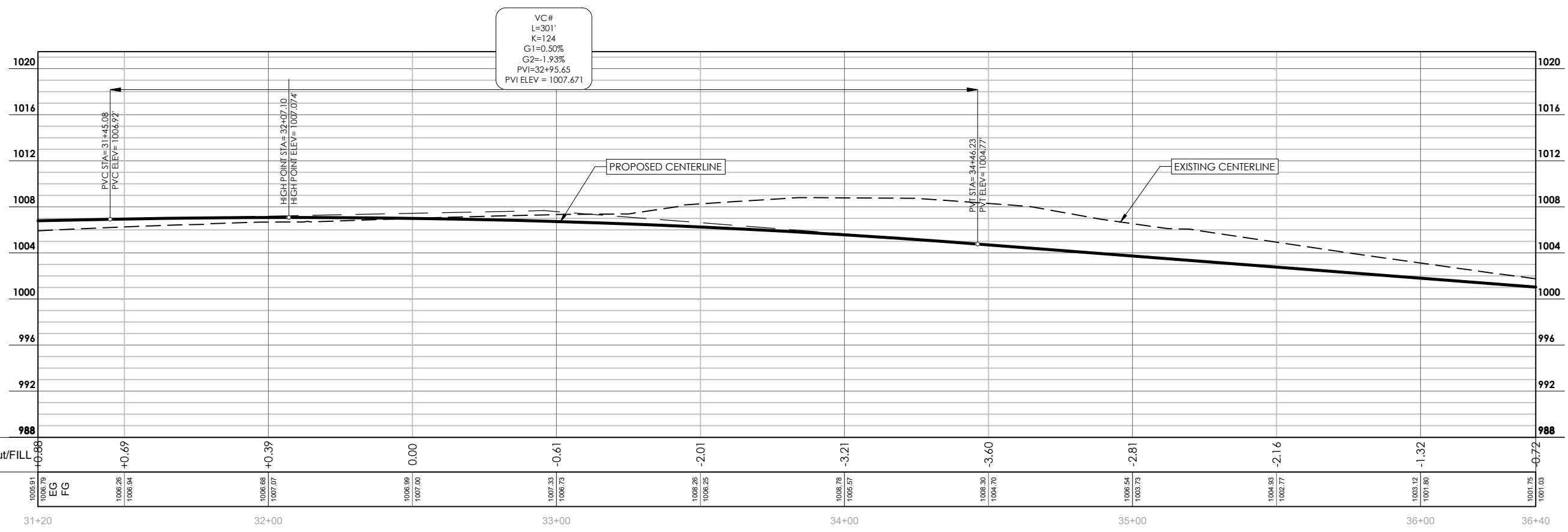
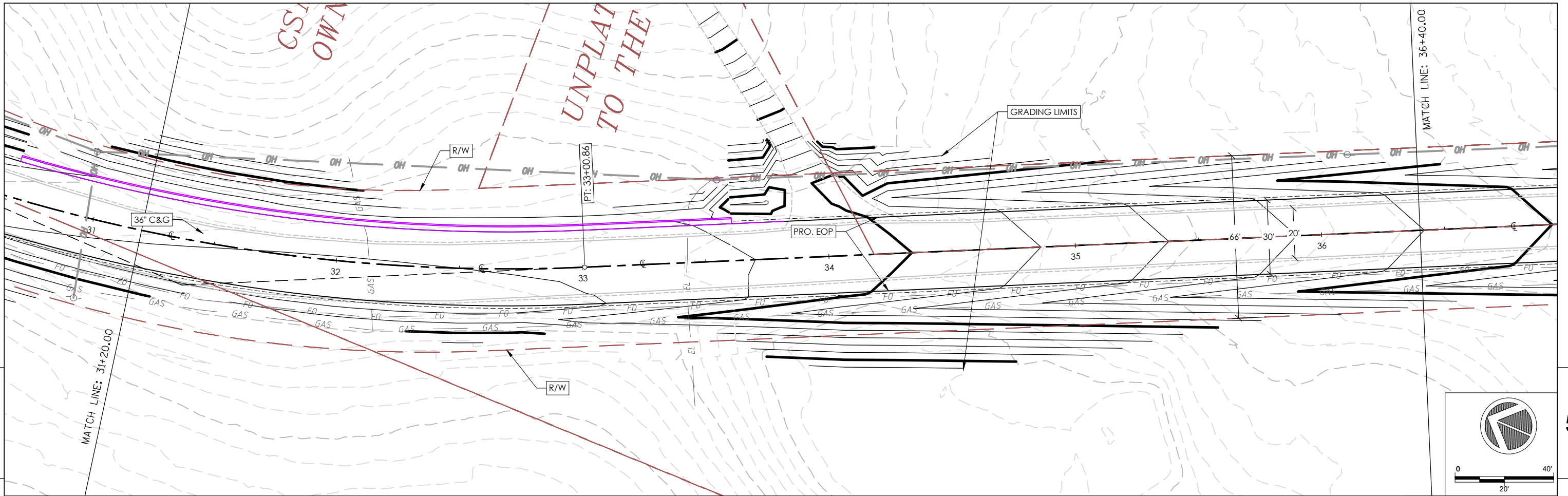
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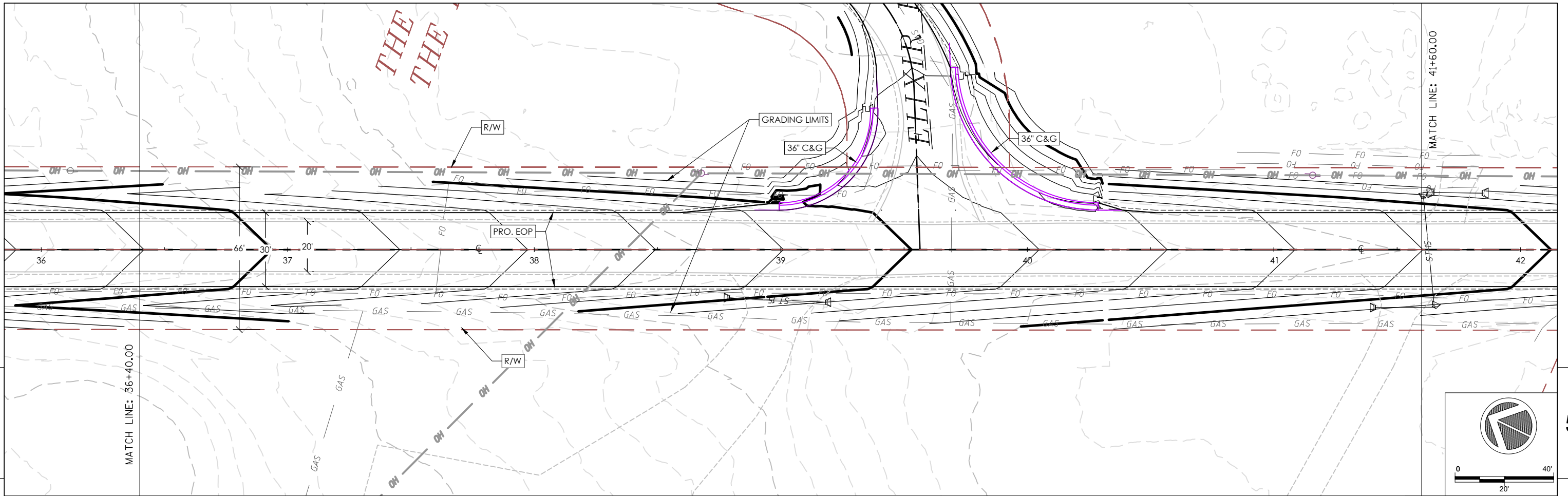
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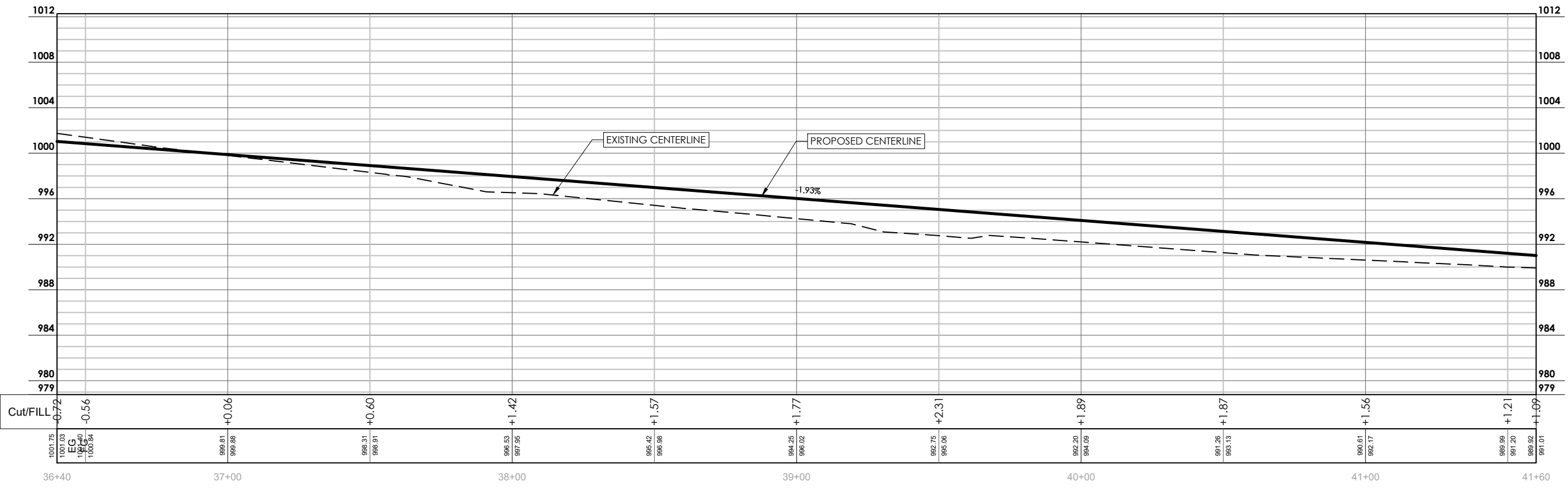
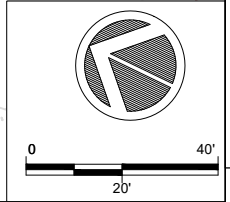


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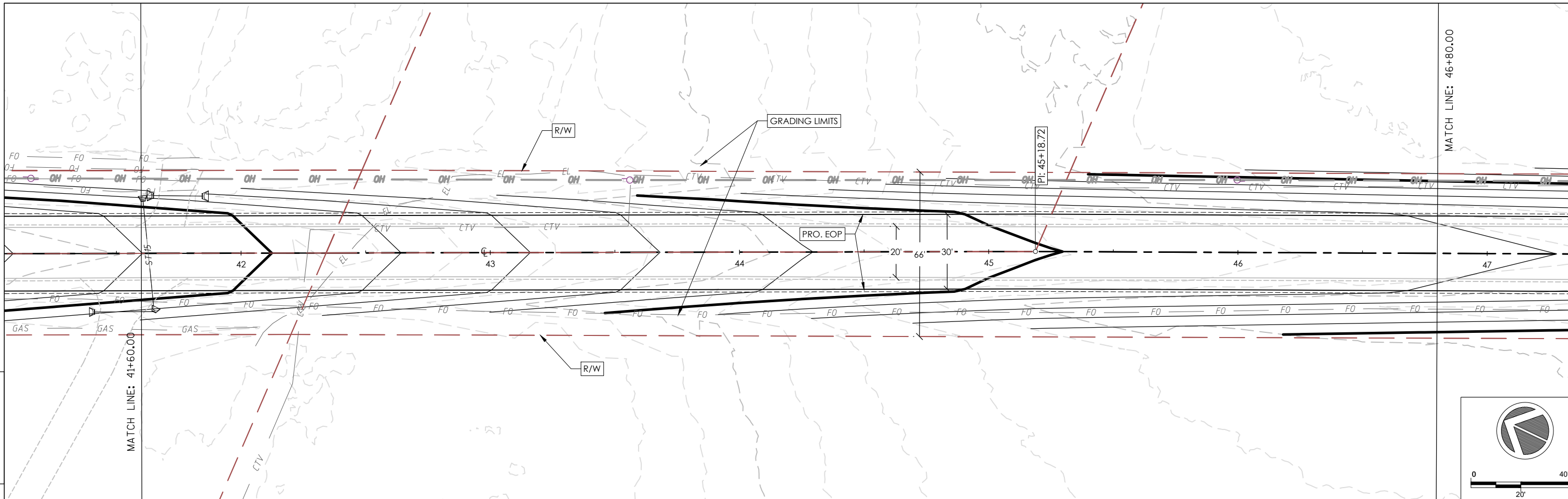


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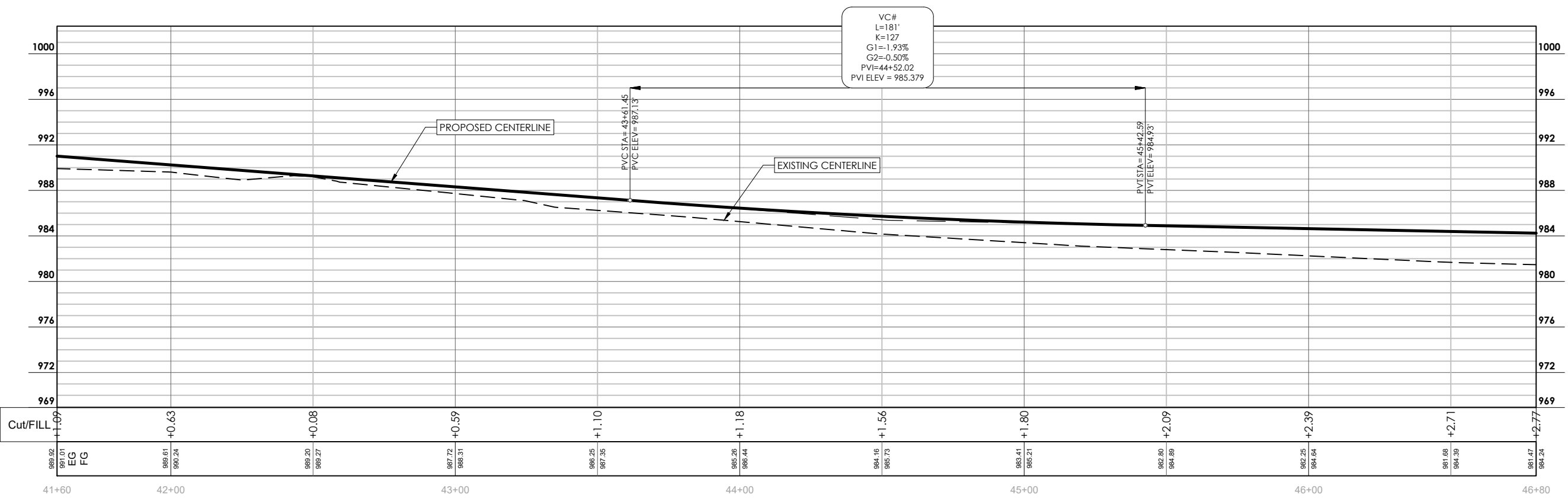


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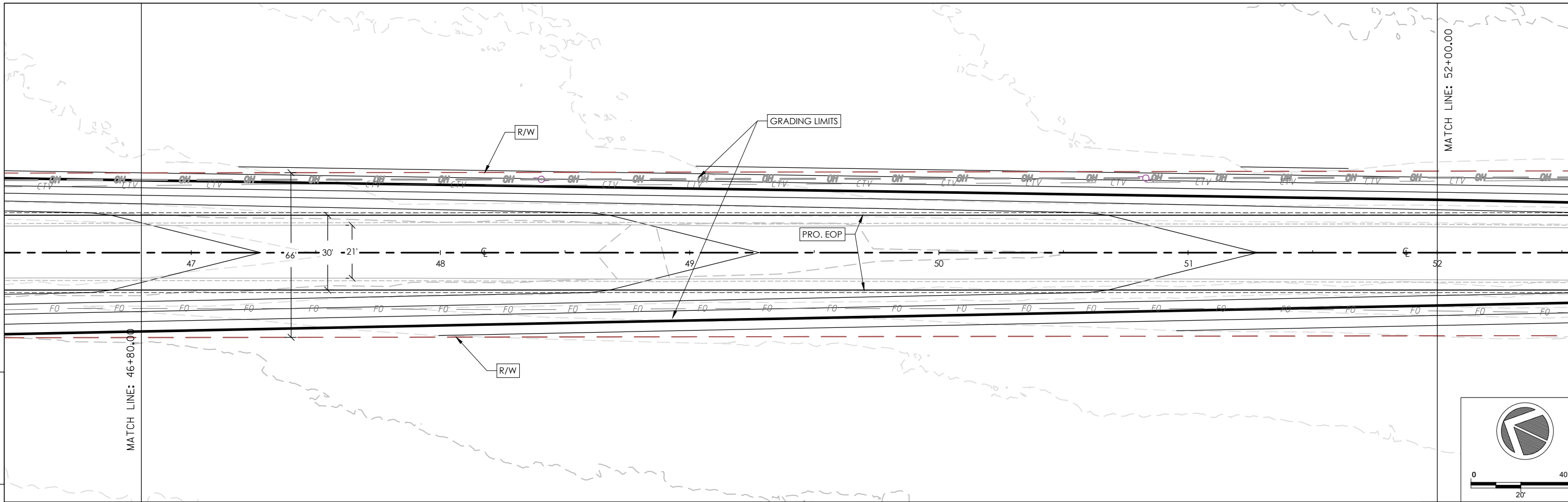
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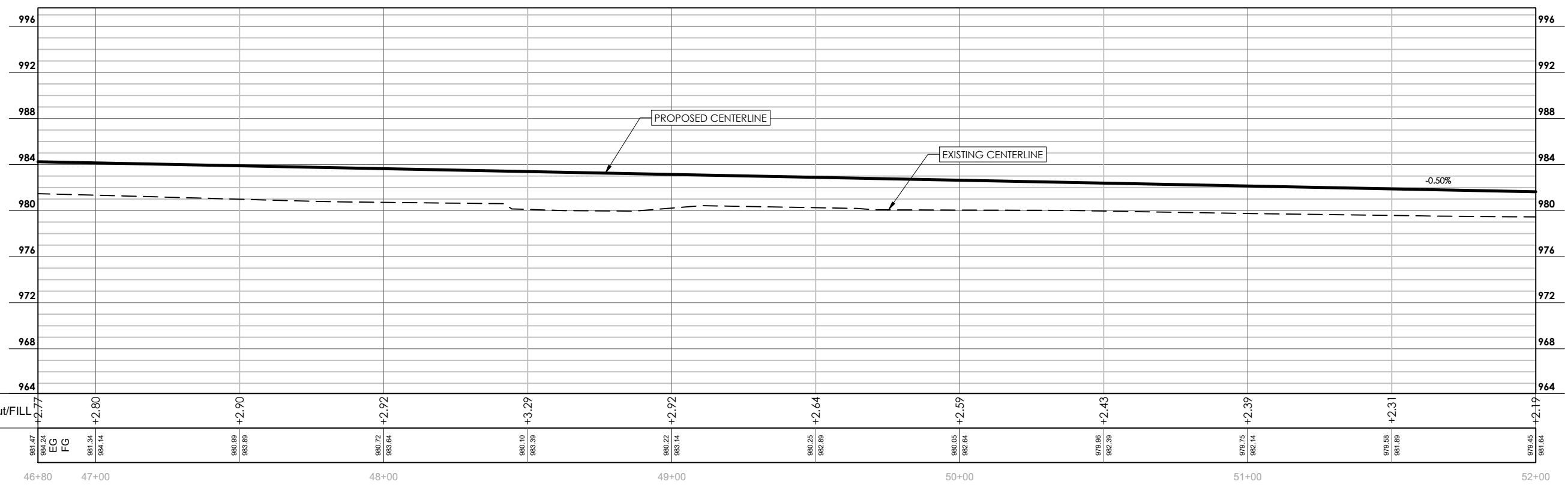
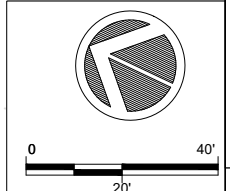
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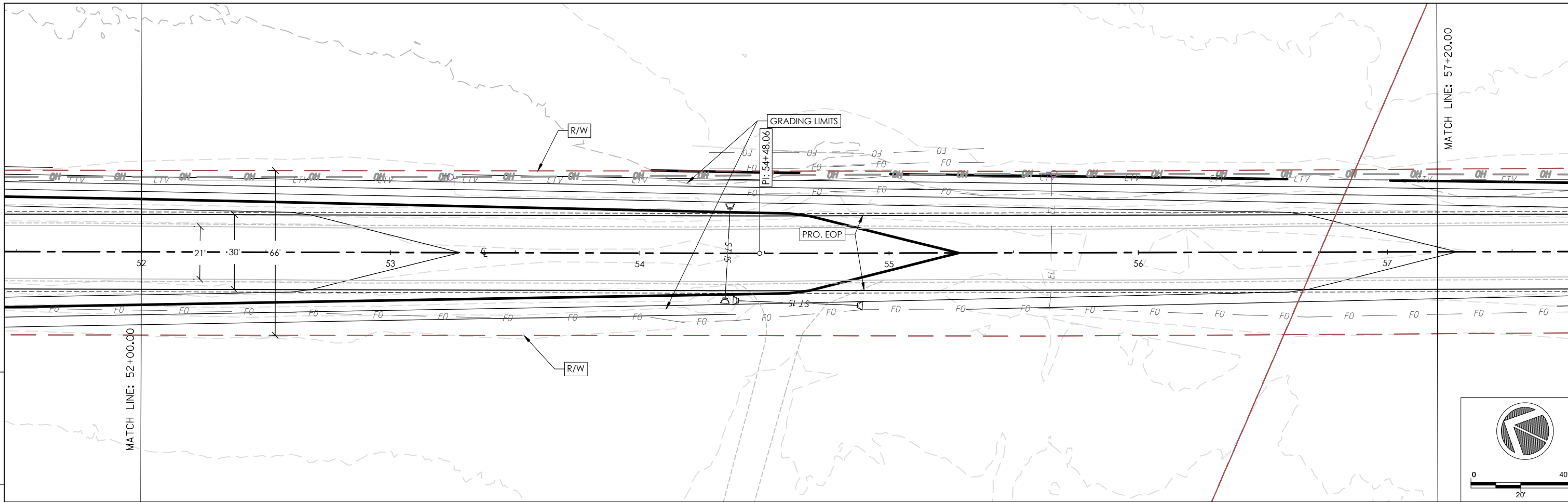
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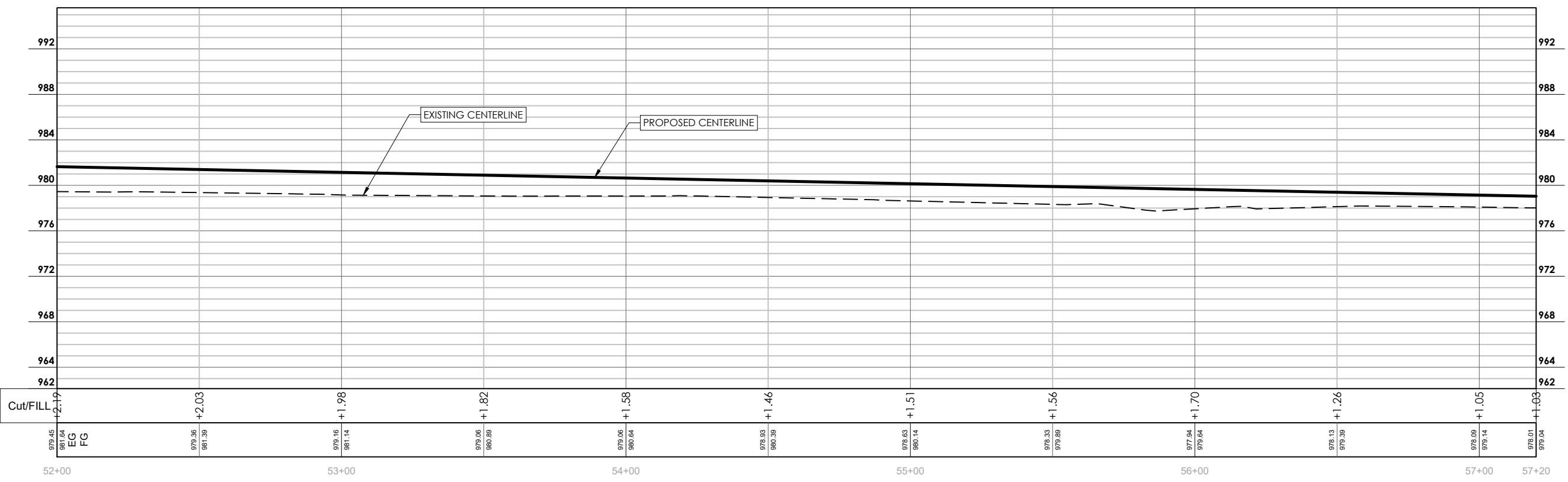
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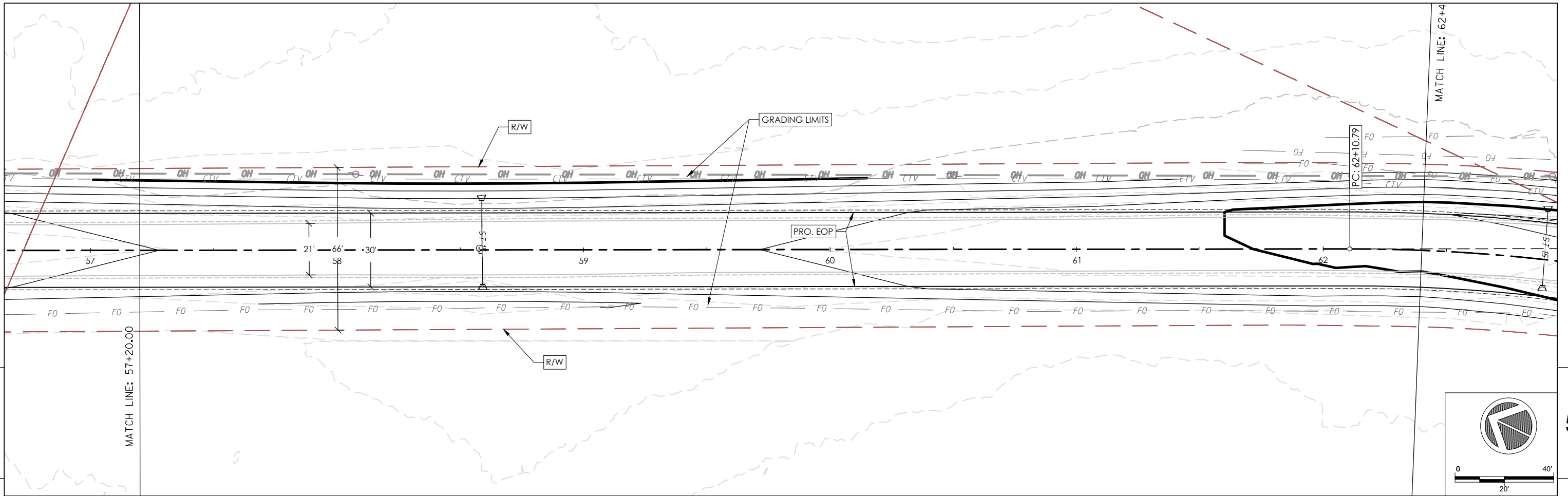
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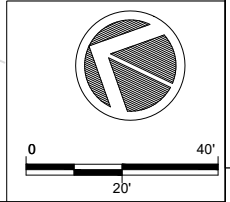
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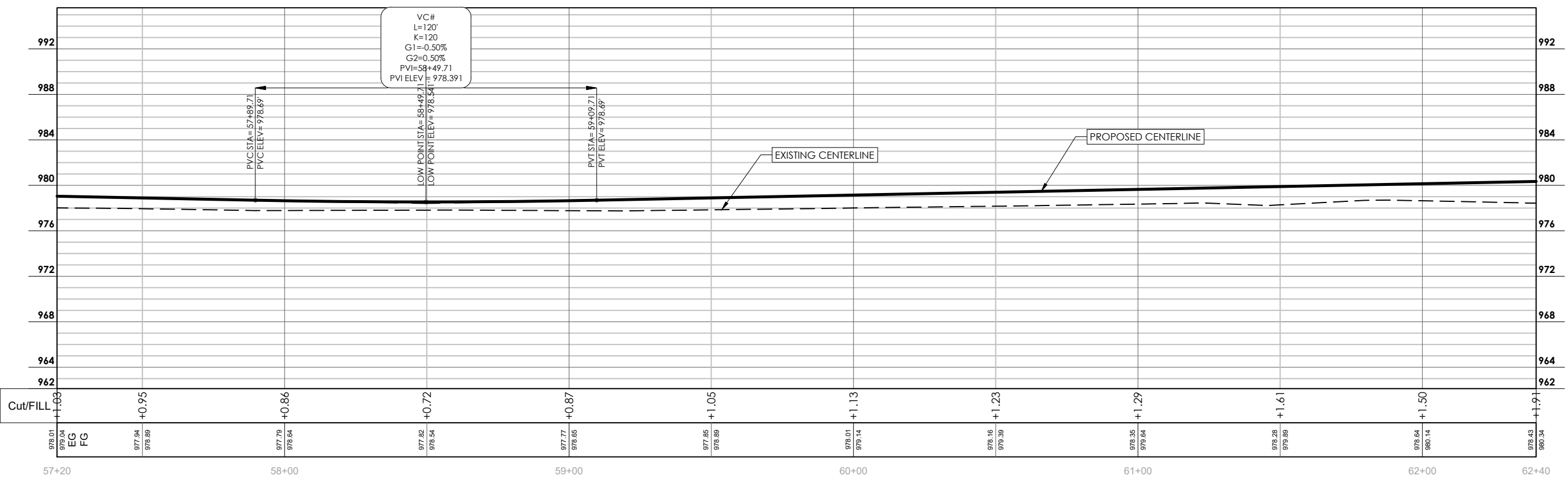


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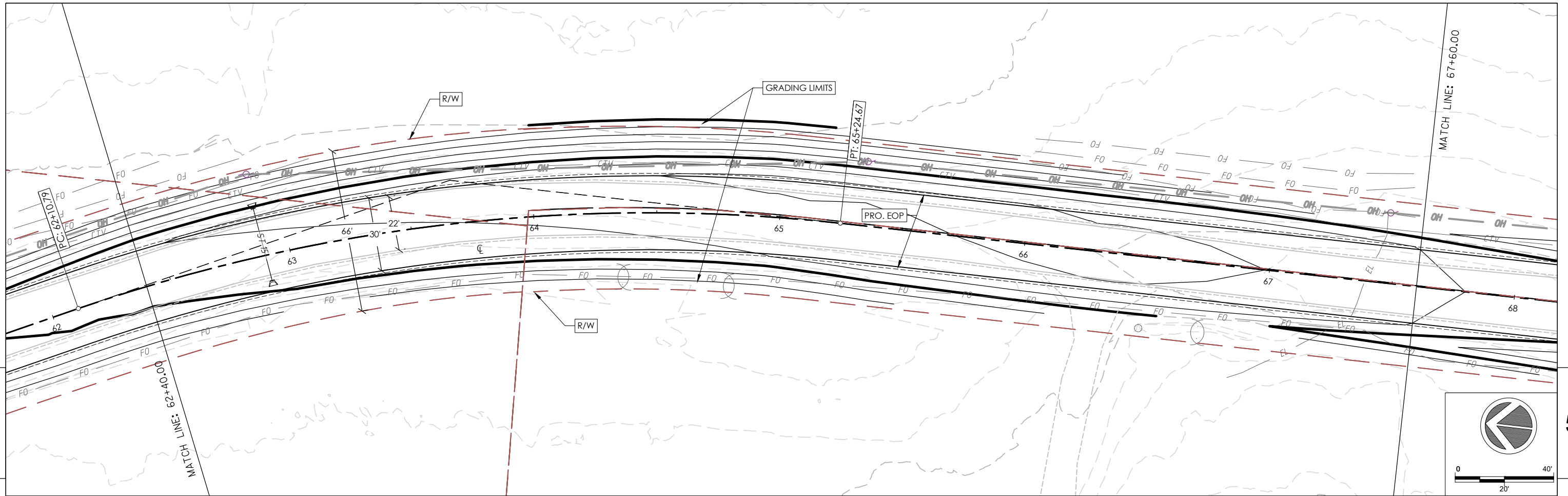


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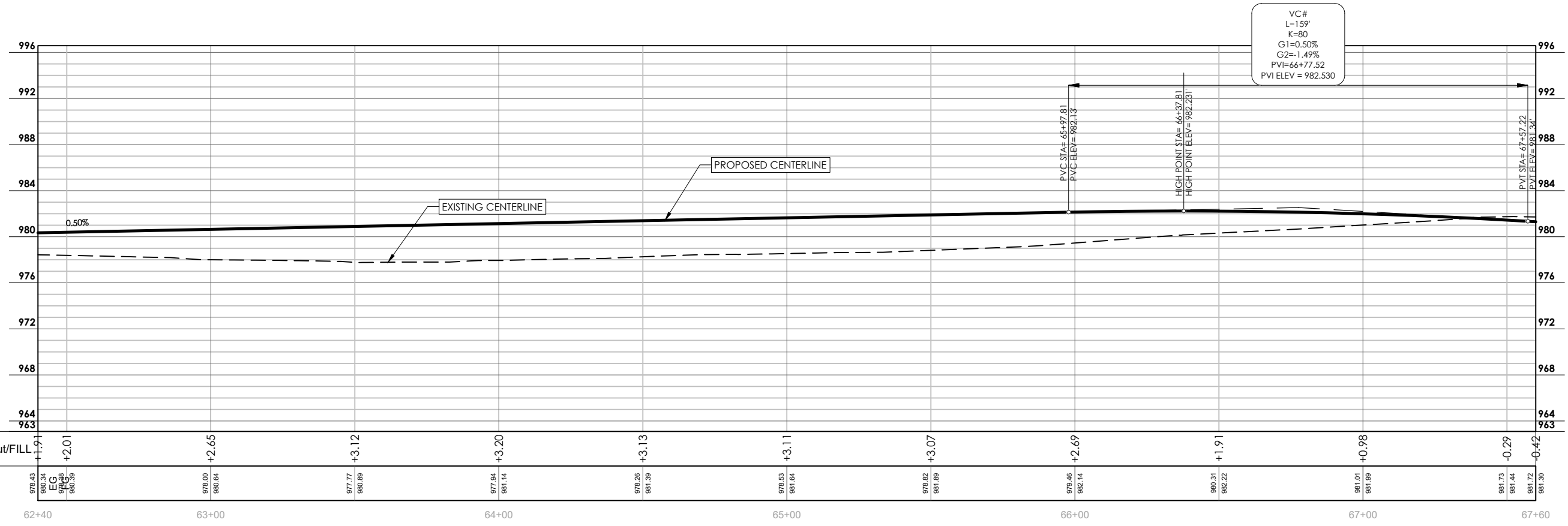
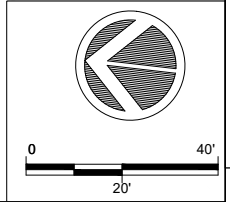
PROJECT NO: 18112/39508802306 HWY: ELLSWORTH RD COUNTY: MONROE COUNTY PLAN AND PROFILE: PLAN&PROFILE ELLSWORTH RD SHEET **C5.11** **E**

FILE NAME: F:\Q2\2023\Q23189 ELLSWORTH RD T LA GRANGE\CAD\PLAN_PROFILES.DWG PLOT DATE: 11/22/2023 12:49 PM PLOT BY: SSR PLOT NAME: PLOT SCALE: 1 IN=40 FT WISDOT/CADD SHEET 44



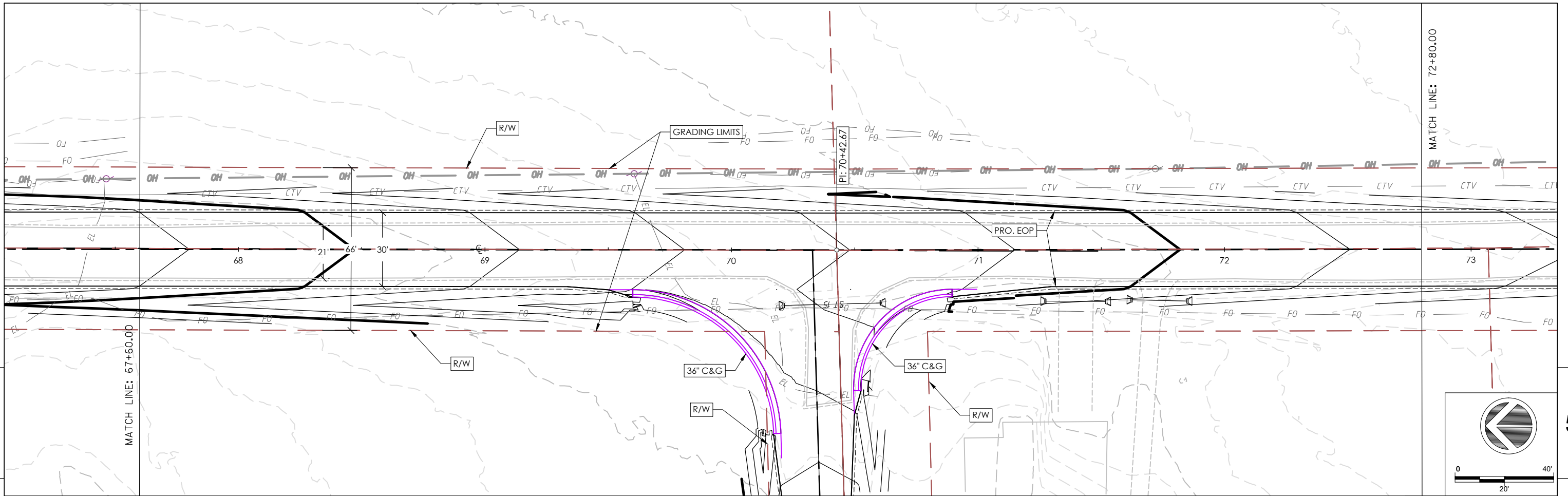
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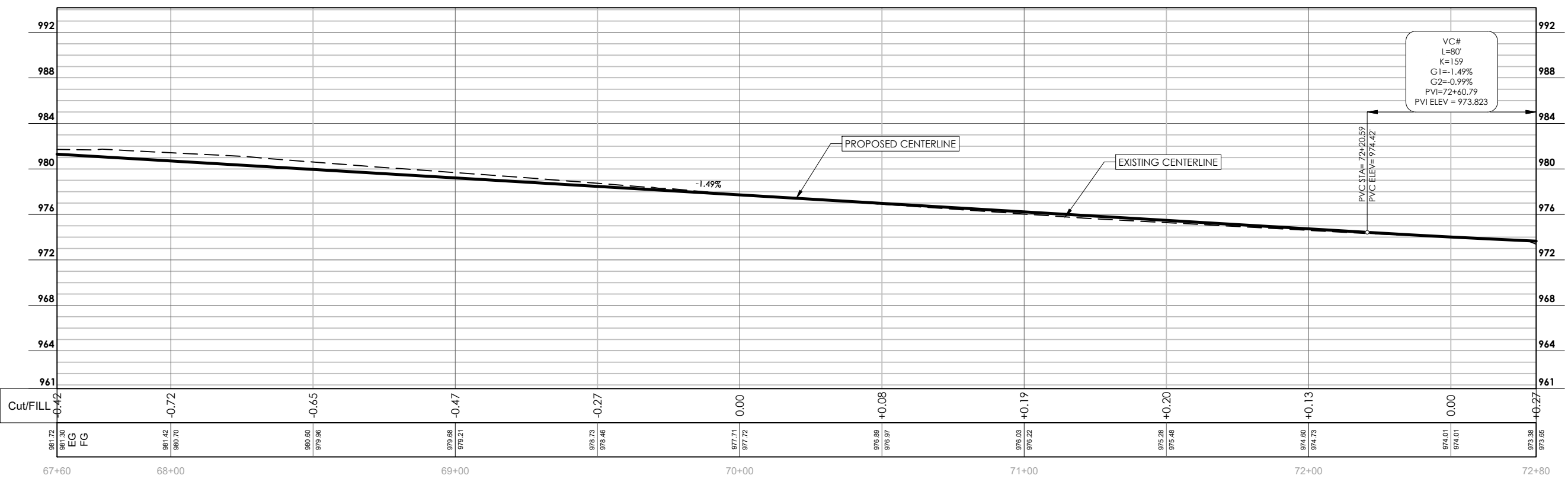
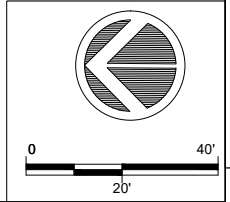
VC#
L=159'
K=80
G1=0.50%
G2=-1.49%
PVI=66+77.52
PVI ELEV = 982.530

DIGGERSHOTLINE
 Dial 811 or (800)242-8511
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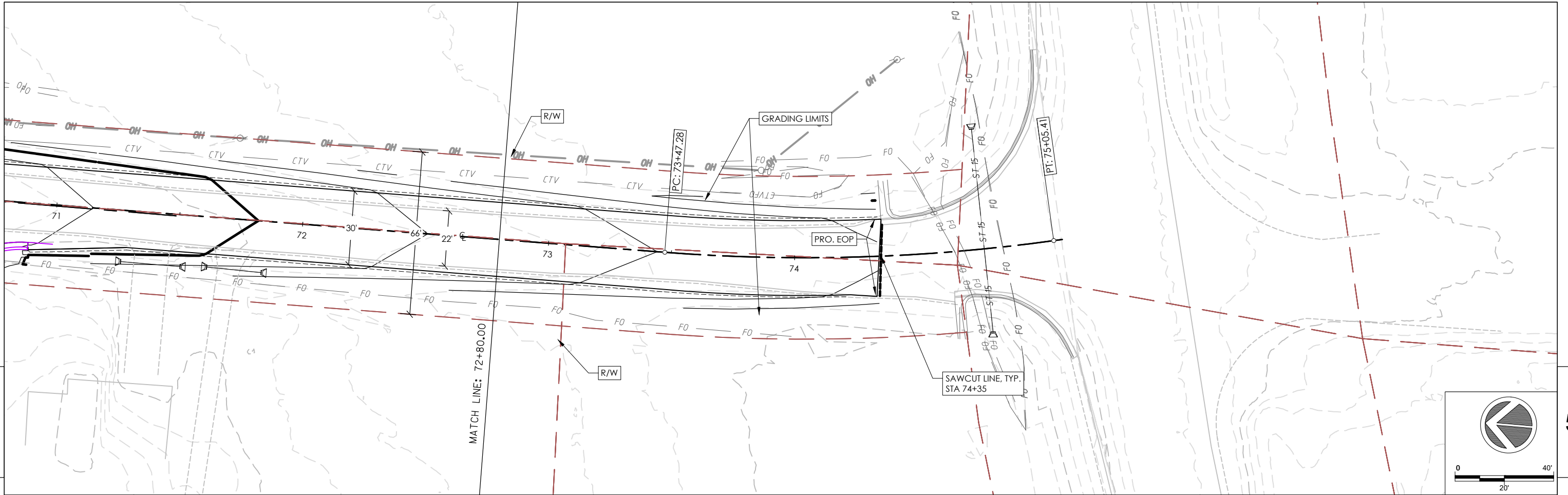


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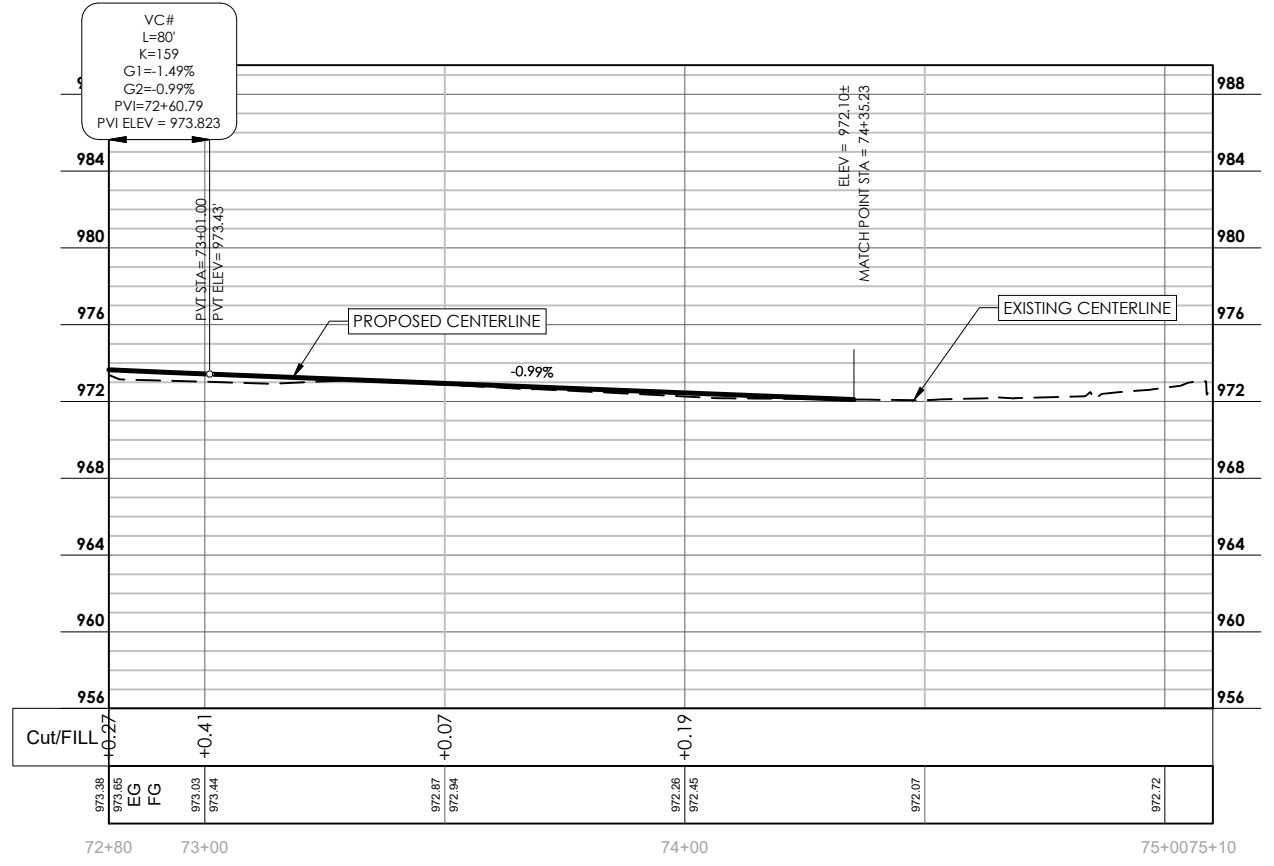
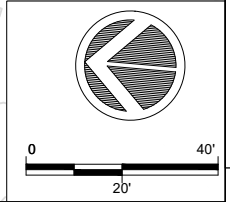


DIGGERSHOTLINE
 Dial 811 or (800)242-8511
 www.DiggersHotline.com

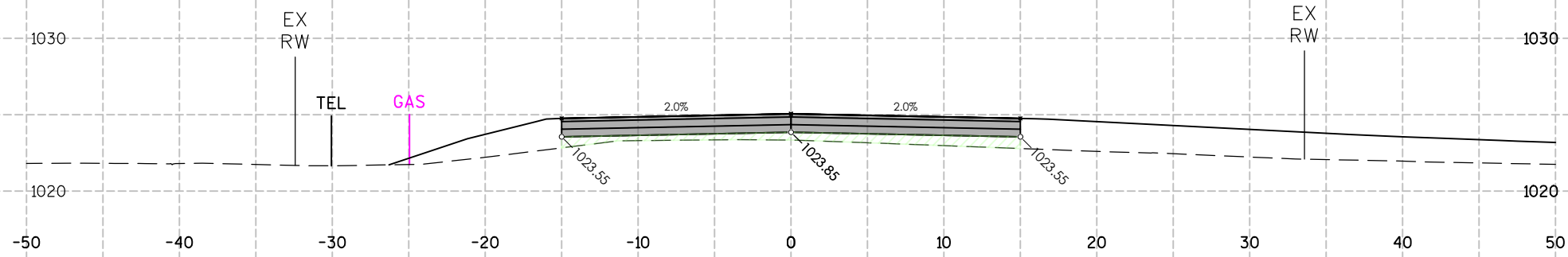


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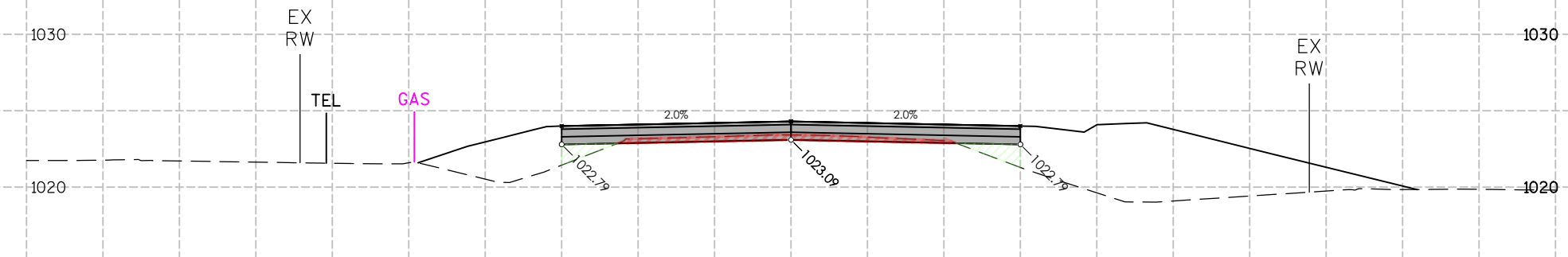
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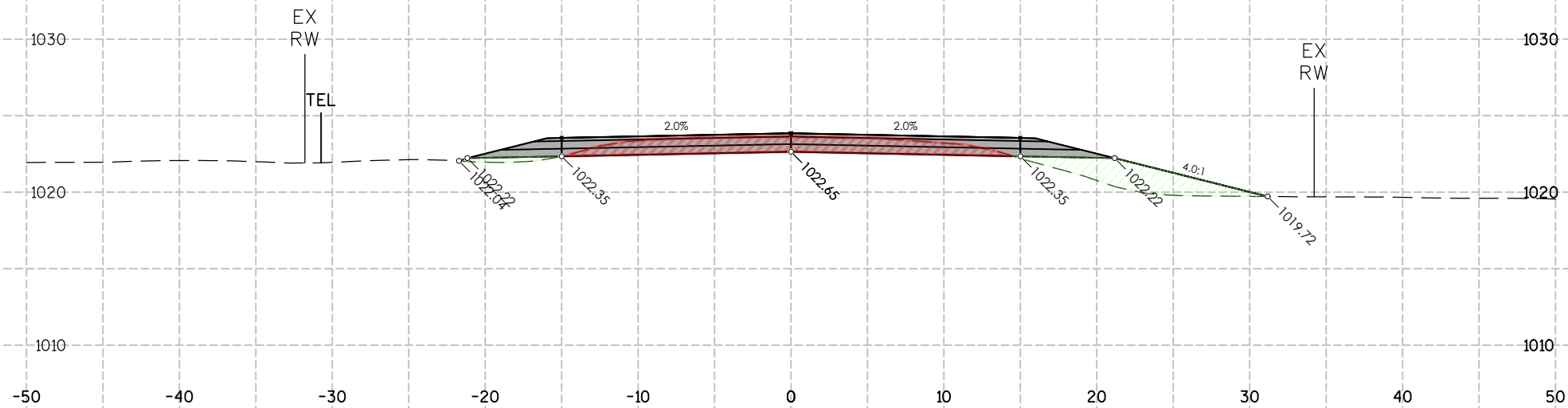
DIGGERSHOTLINE
 Dial 811 or (800)242-8511
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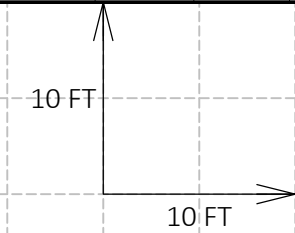
CUT/FILL STA:1+50.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	0.00	6	34
GROUND FILL	15.90	20	43



CUT/FILL STA:1+00.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	6.19	28	28
GROUND FILL	5.65	23	23

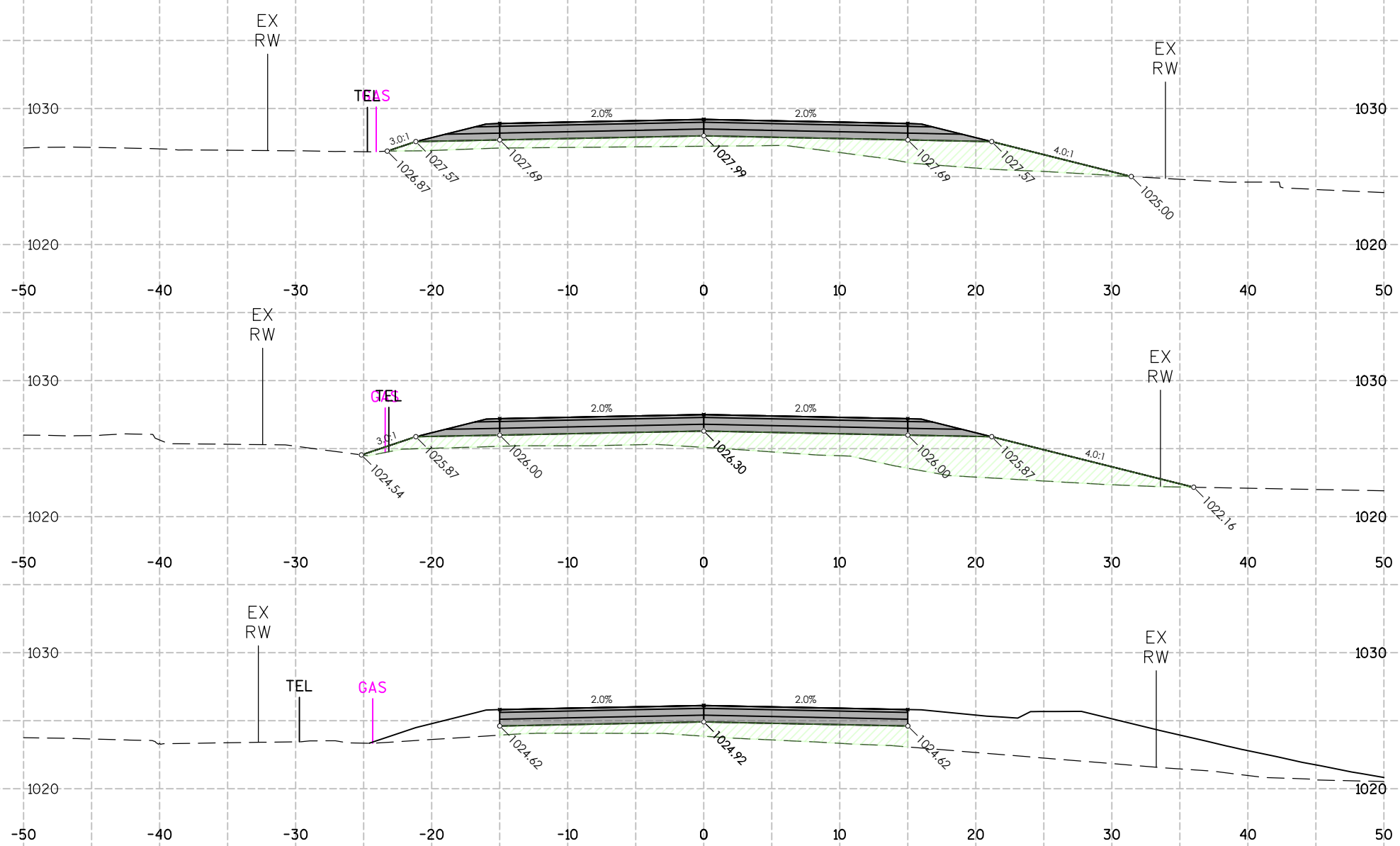


CUT/FILL STA:0+50.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	24.23	0	0
GROUND FILL	18.78	0	0



6

6



CUT/FILL STA:3+00.00

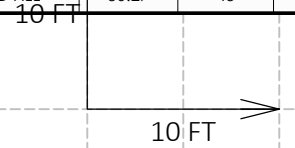
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	0.00	0	34
GROUND FILL	50.40	126	319

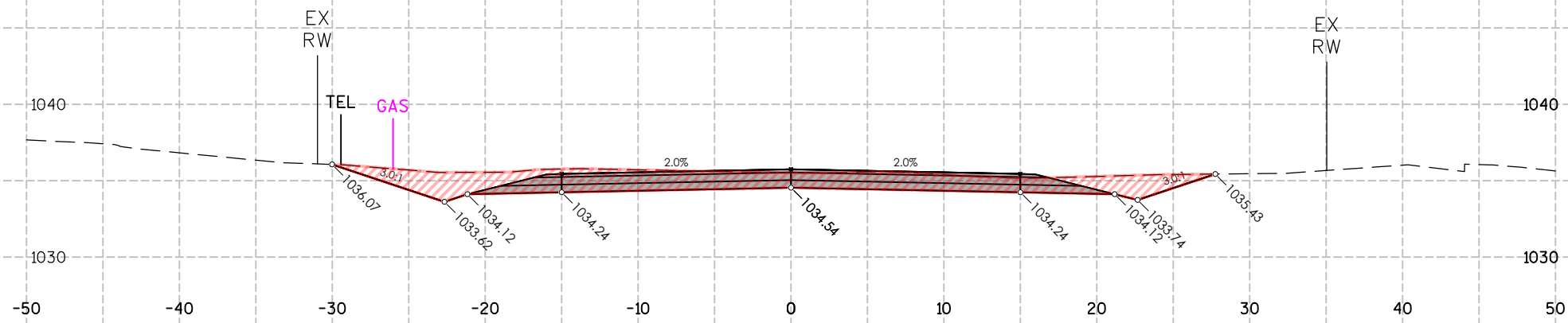
CUT/FILL STA:2+50.00

ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	0.00	0	34
GROUND FILL	85.88	108	193

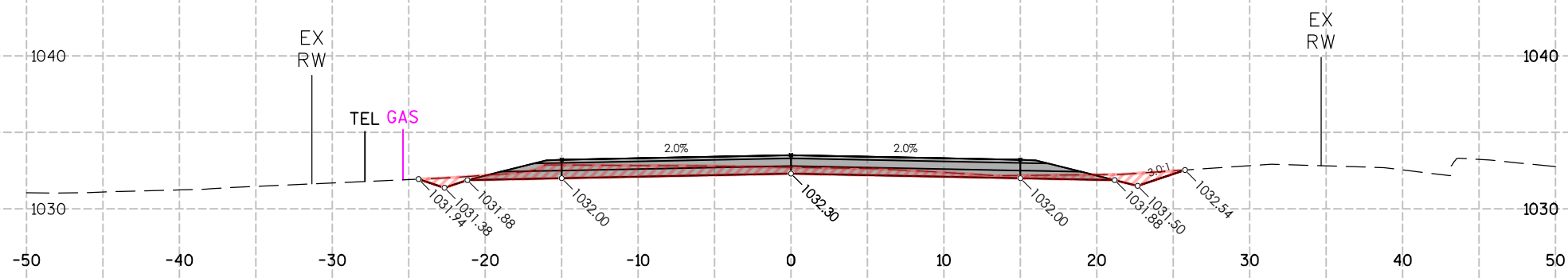
CUT/FILL STA:2+00.00

ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	0.00	0	34
GROUND FILL	30.27	43	85

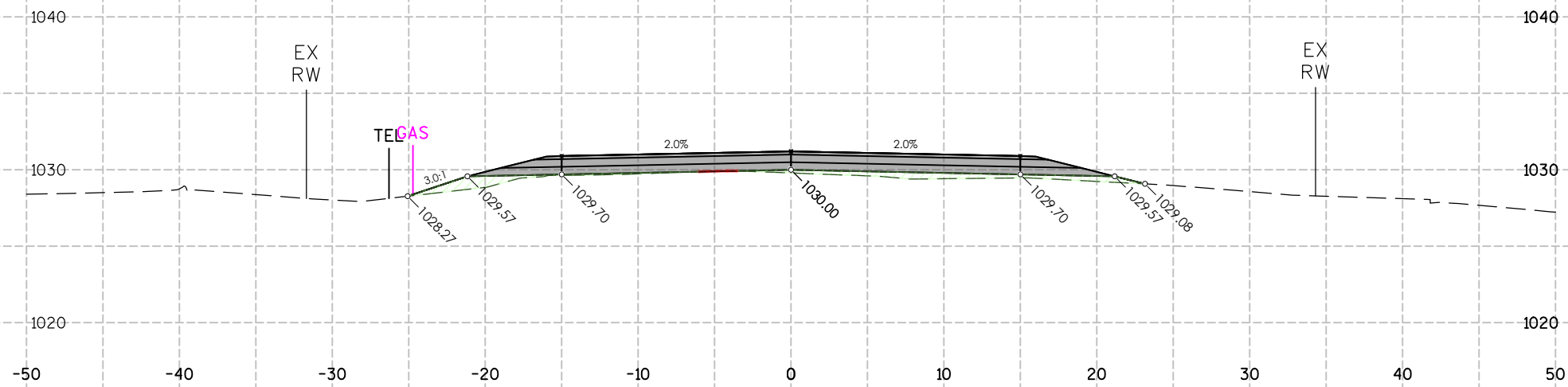




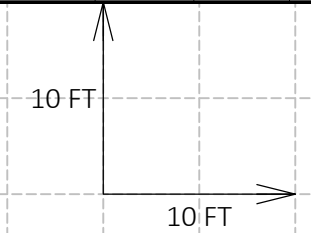
CUT/FILL STA:4+50.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	66.05	82	137
GROUND FILL	0.00	0	387



CUT/FILL STA:4+00.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	22.78	21	55
GROUND FILL	0.00	11	387

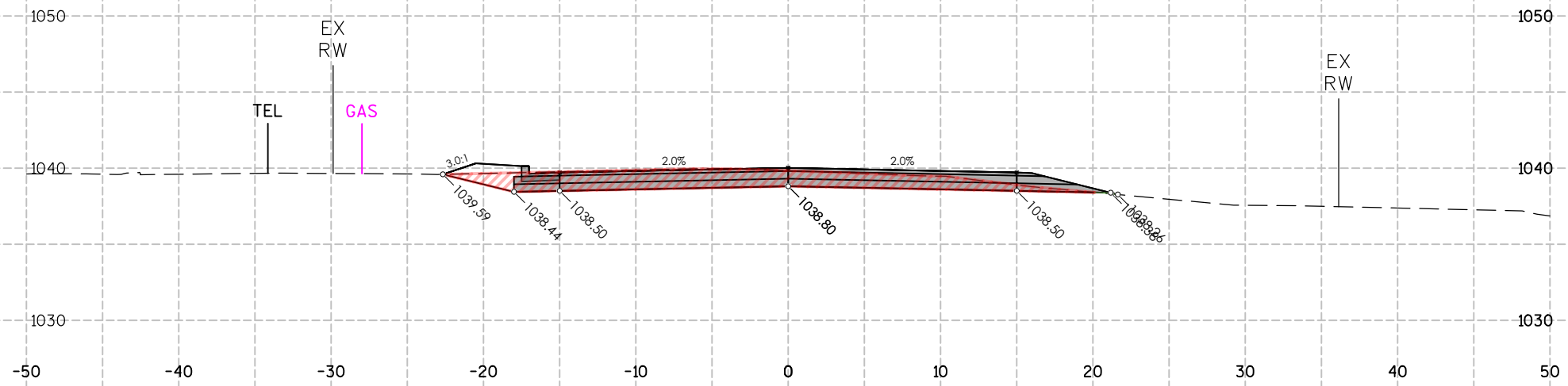


CUT/FILL STA:3+50.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	0.04	0	34
GROUND FILL	11.71	58	377

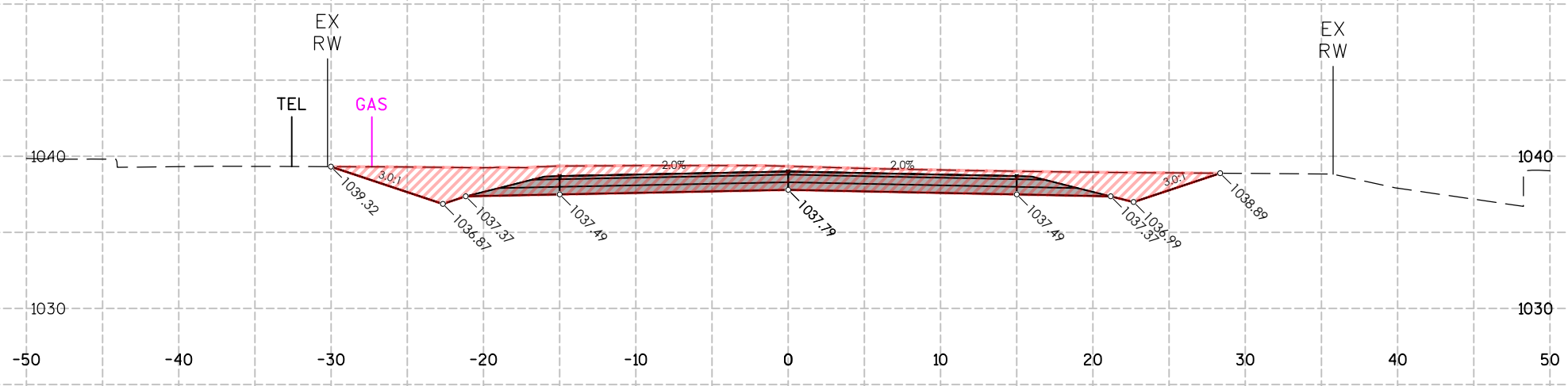


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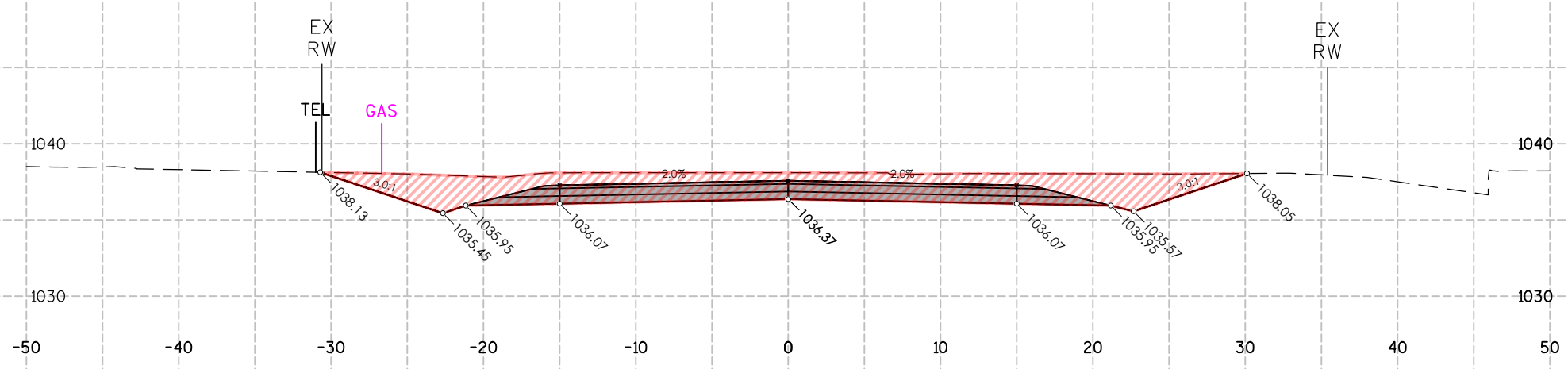
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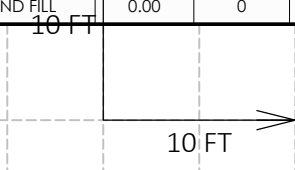
CUT/FILL STA:6+00.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	38.79	119	598
GROUND FILL	0.06	0	387



CUT/FILL STA:5+50.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	90.04	182	478
GROUND FILL	0.00	0	387

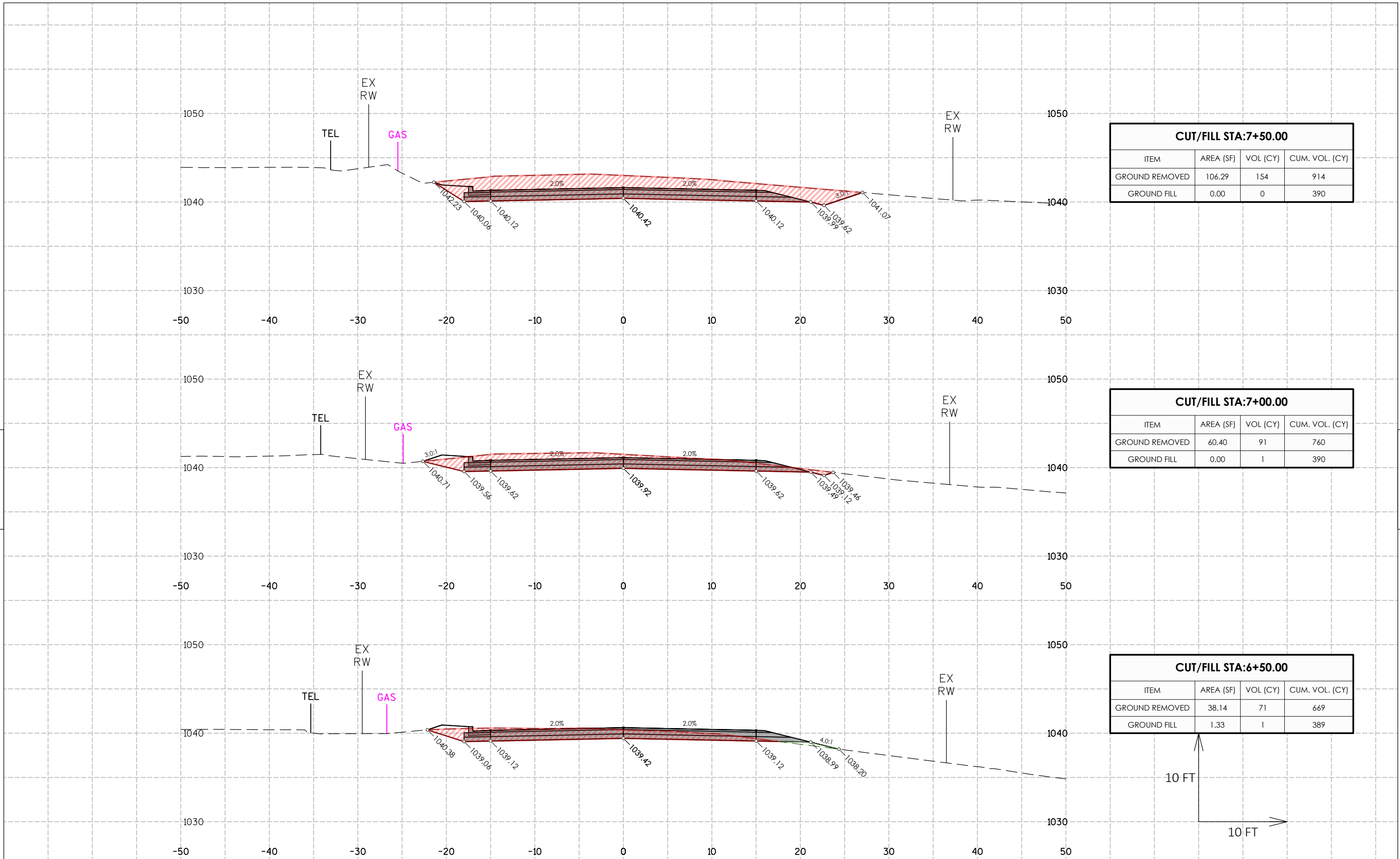


CUT/FILL STA:5+00.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	106.07	159	297
GROUND FILL	0.00	0	387



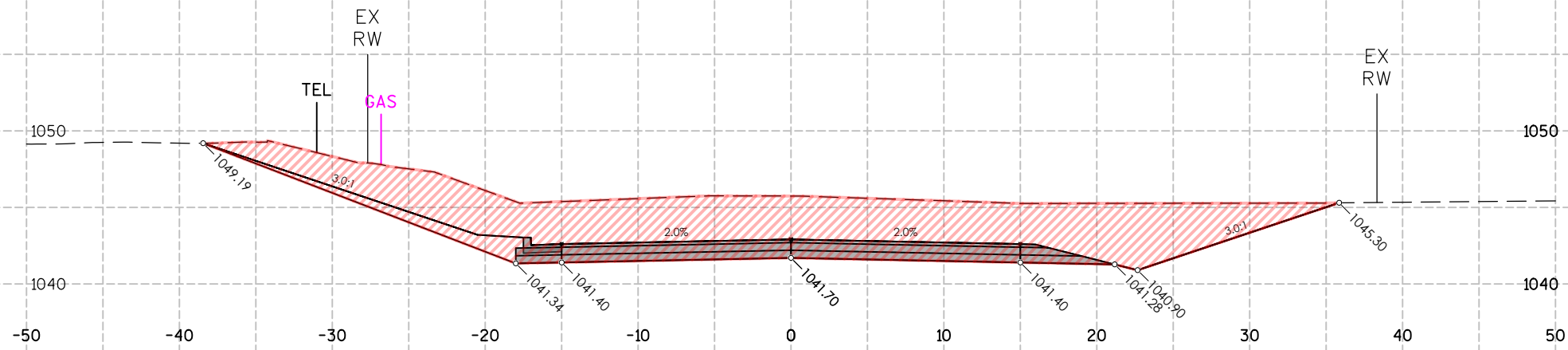
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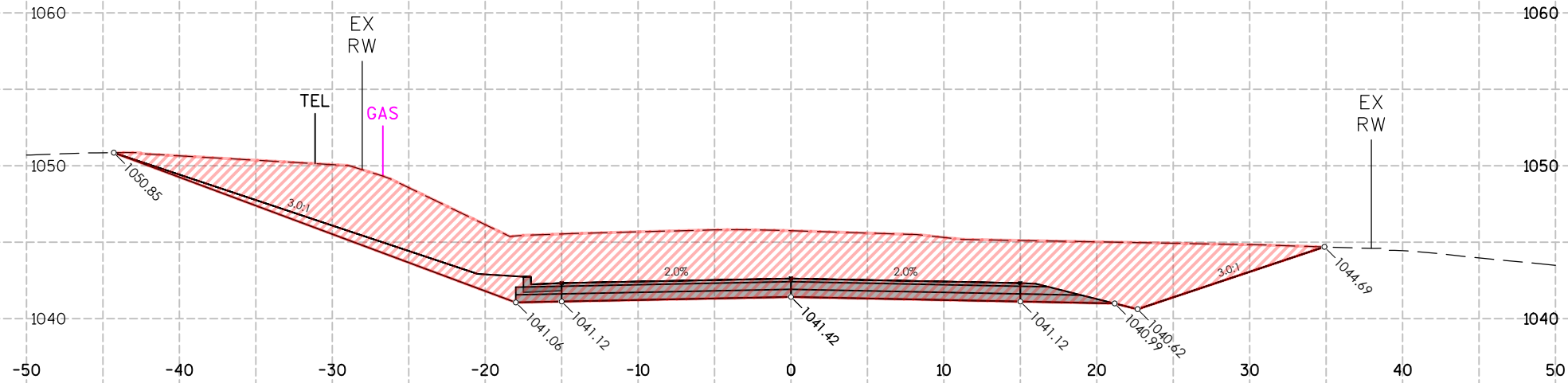


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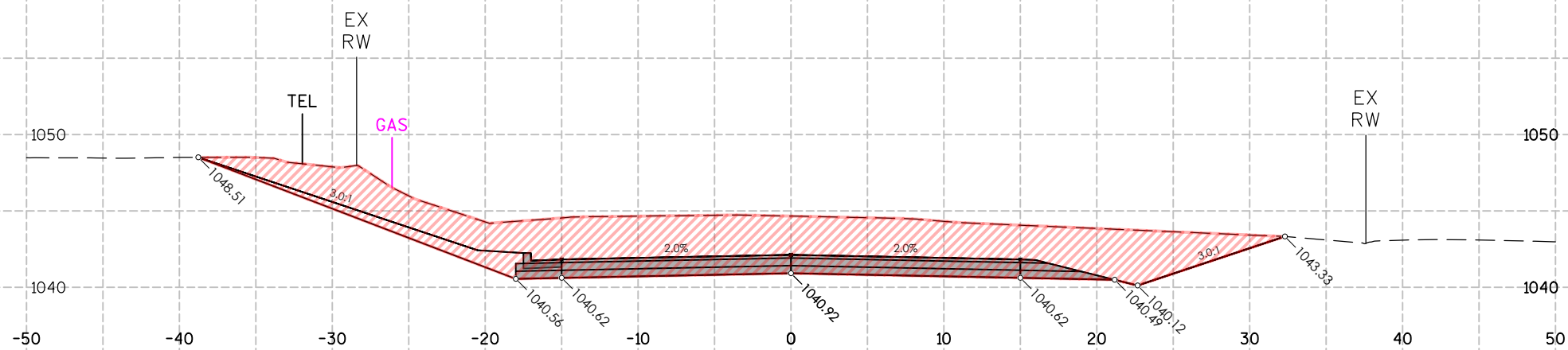
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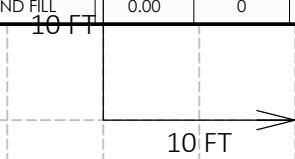
CUT/FILL STA:9+00.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	245.89	496	2,179
GROUND FILL	0.00	0	390



CUT/FILL STA:8+50.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	289.45	470	1,684
GROUND FILL	0.00	0	390



CUT/FILL STA:8+00.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	217.63	300	1,214
GROUND FILL	0.00	0	390

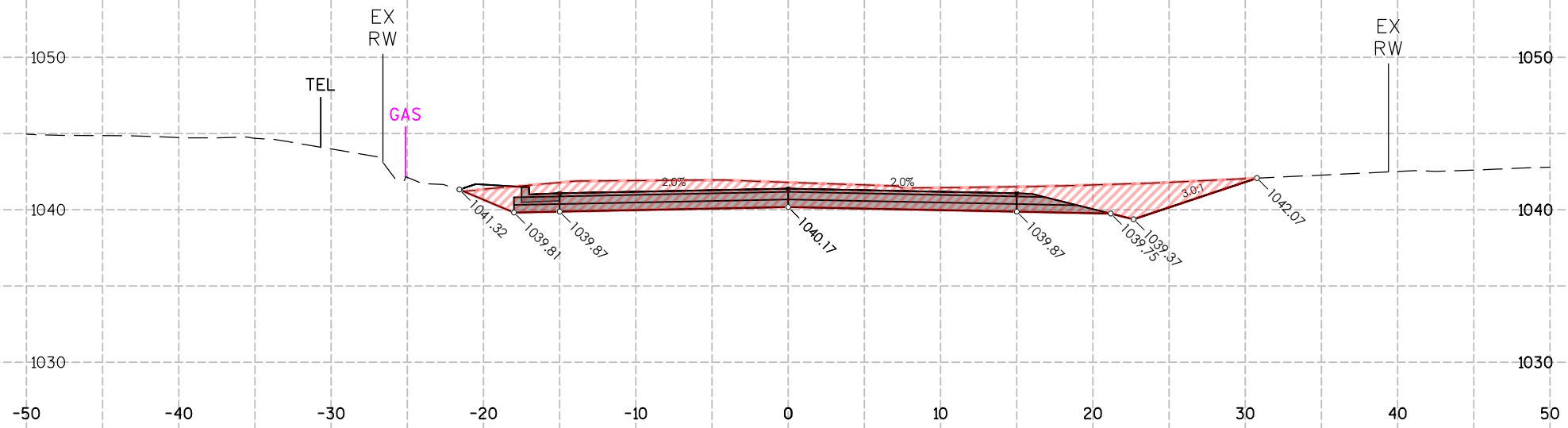


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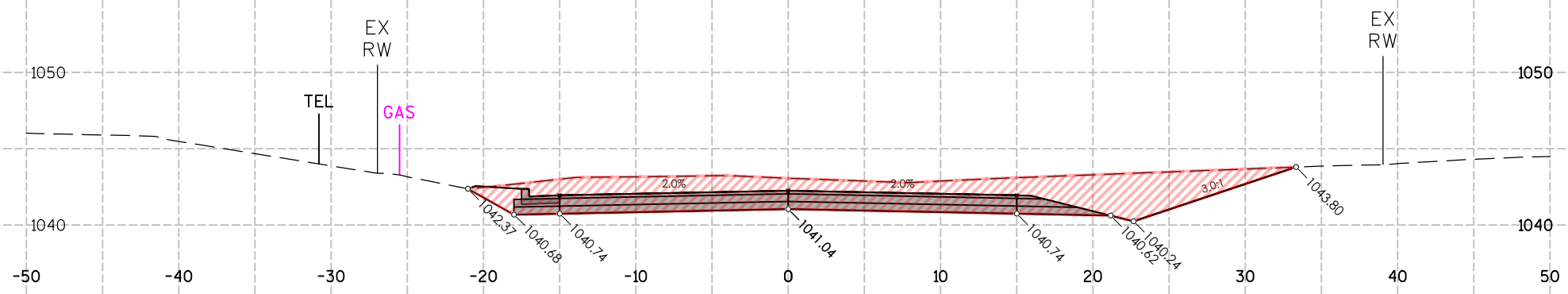
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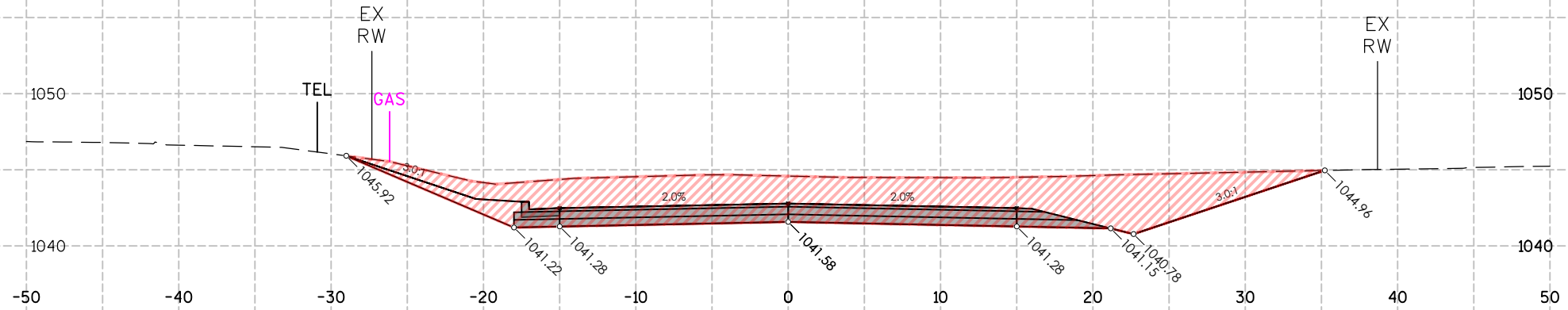
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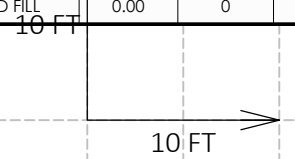
CUT/FILL STA:10+50.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	83.10	180	3,002
GROUND FILL	0.00	0	390

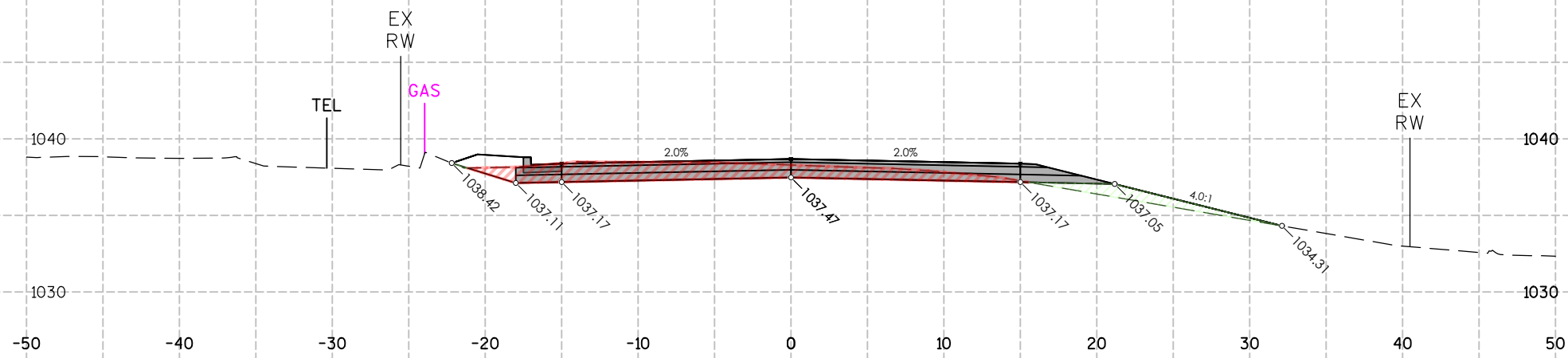


CUT/FILL STA:10+00.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	111.00	259	2,822
GROUND FILL	0.00	0	390

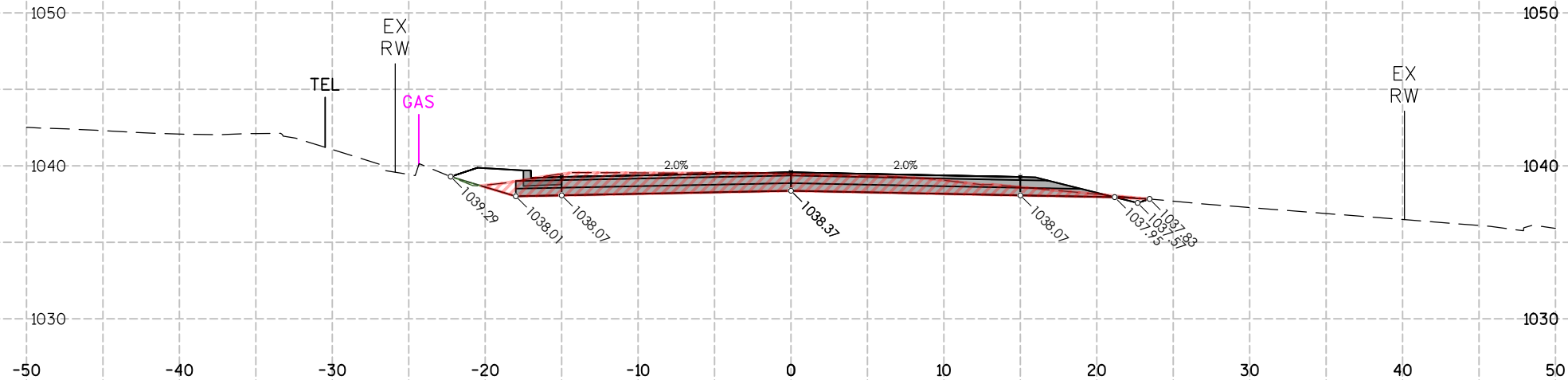


CUT/FILL STA:9+50.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	168.41	384	2,563
GROUND FILL	0.00	0	390

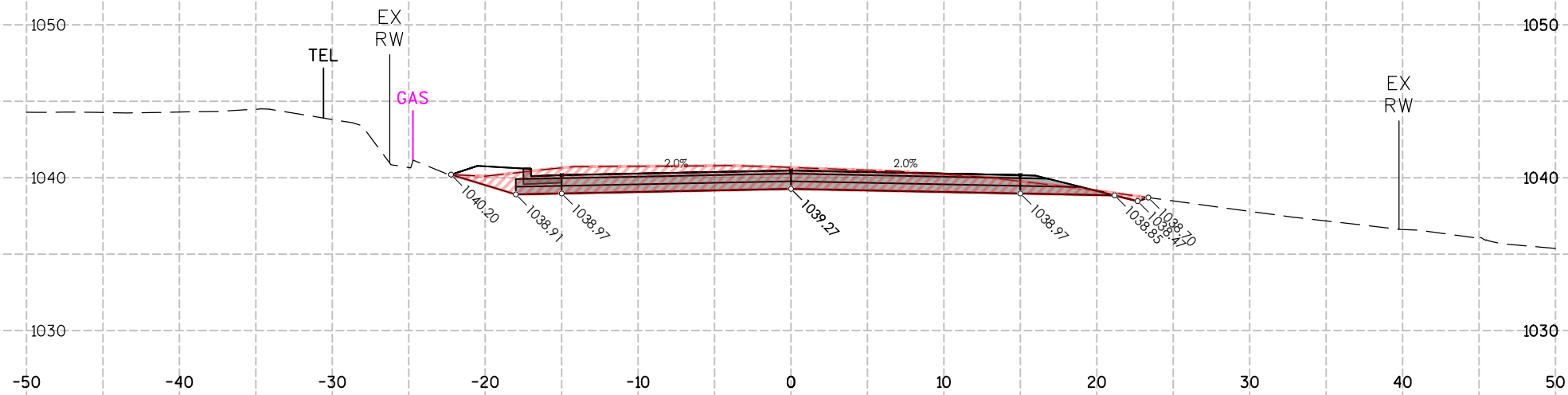




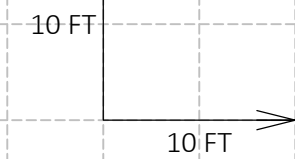
CUT/FILL STA:12+00.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	31.06	66	3,281
GROUND FILL	7.10	7	397



CUT/FILL STA:11+50.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	40.38	87	3,215
GROUND FILL	0.16	0	390

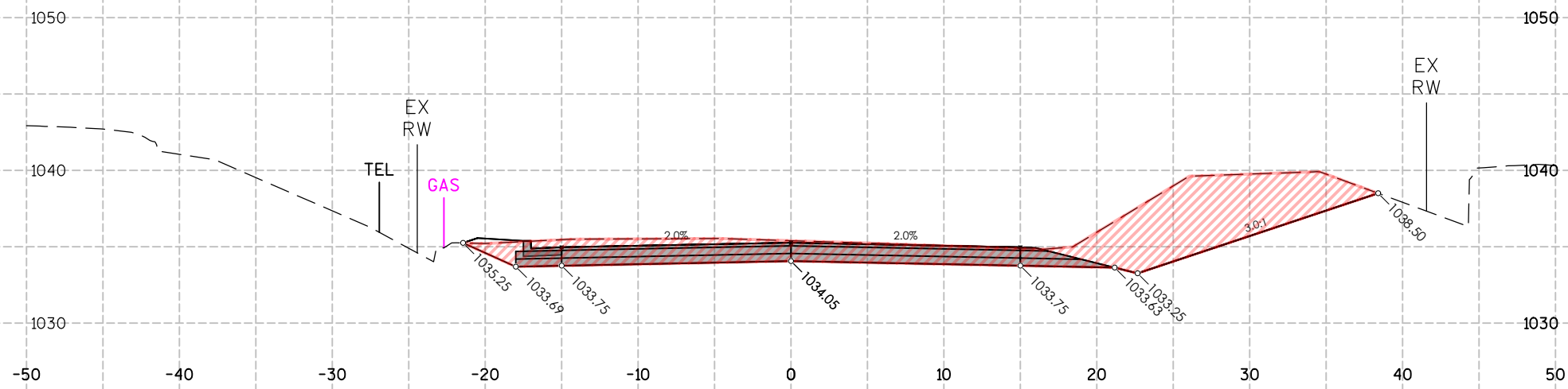


CUT/FILL STA:11+00.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	53.37	126	3,128
GROUND FILL	0.00	0	390

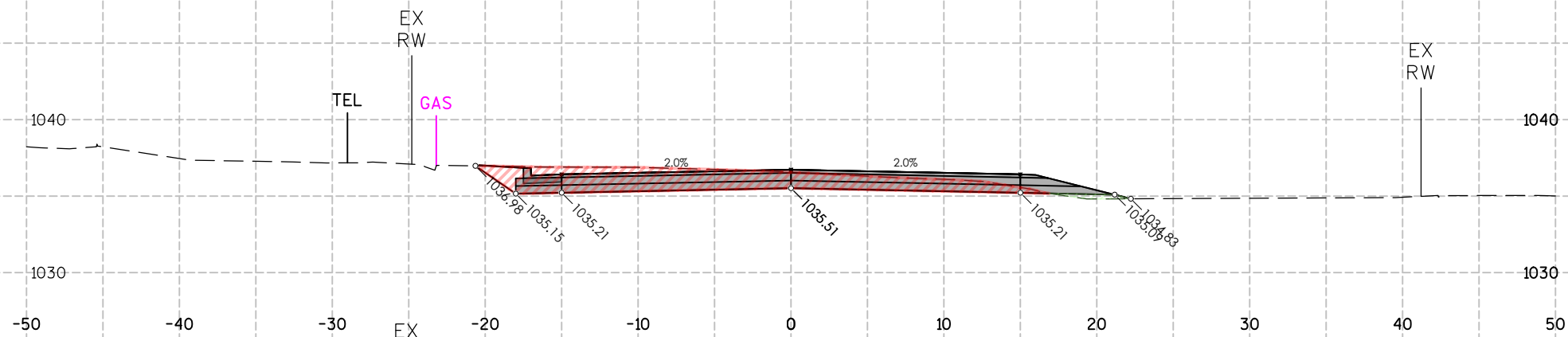


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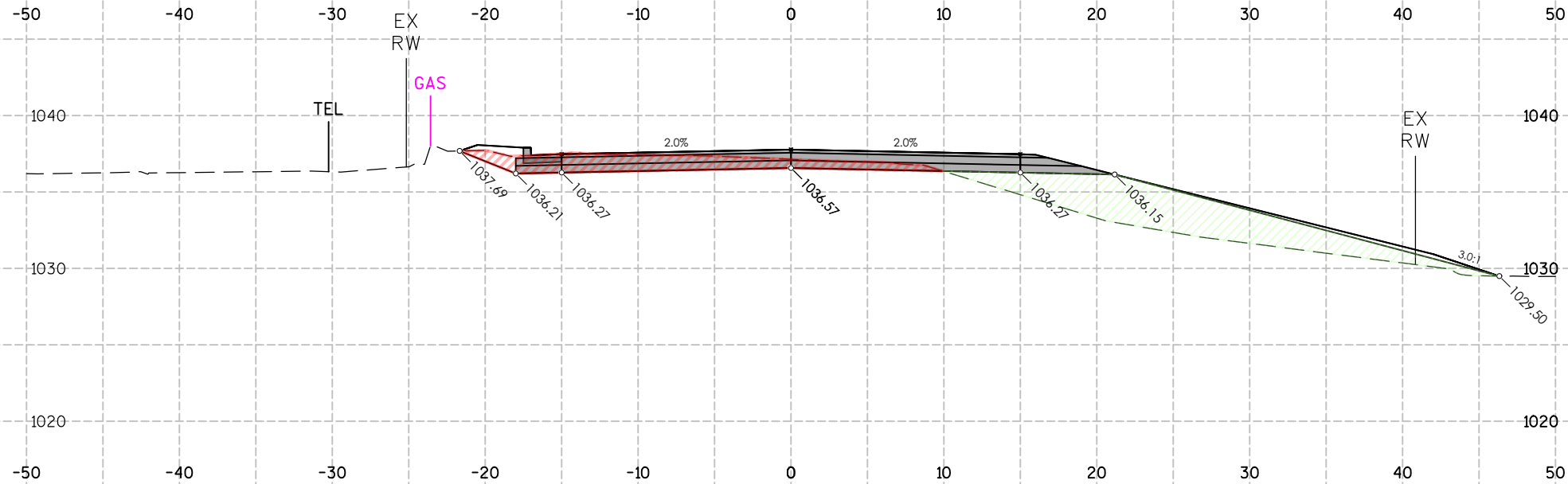
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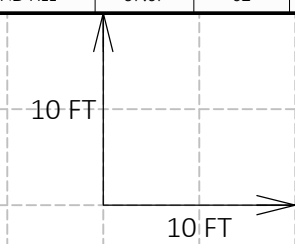
CUT/FILL STA:13+50.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	120.76	150	3,544
GROUND FILL	0.00	1	516



CUT/FILL STA:13+00.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	41.42	61	3,394
GROUND FILL	1.05	56	515

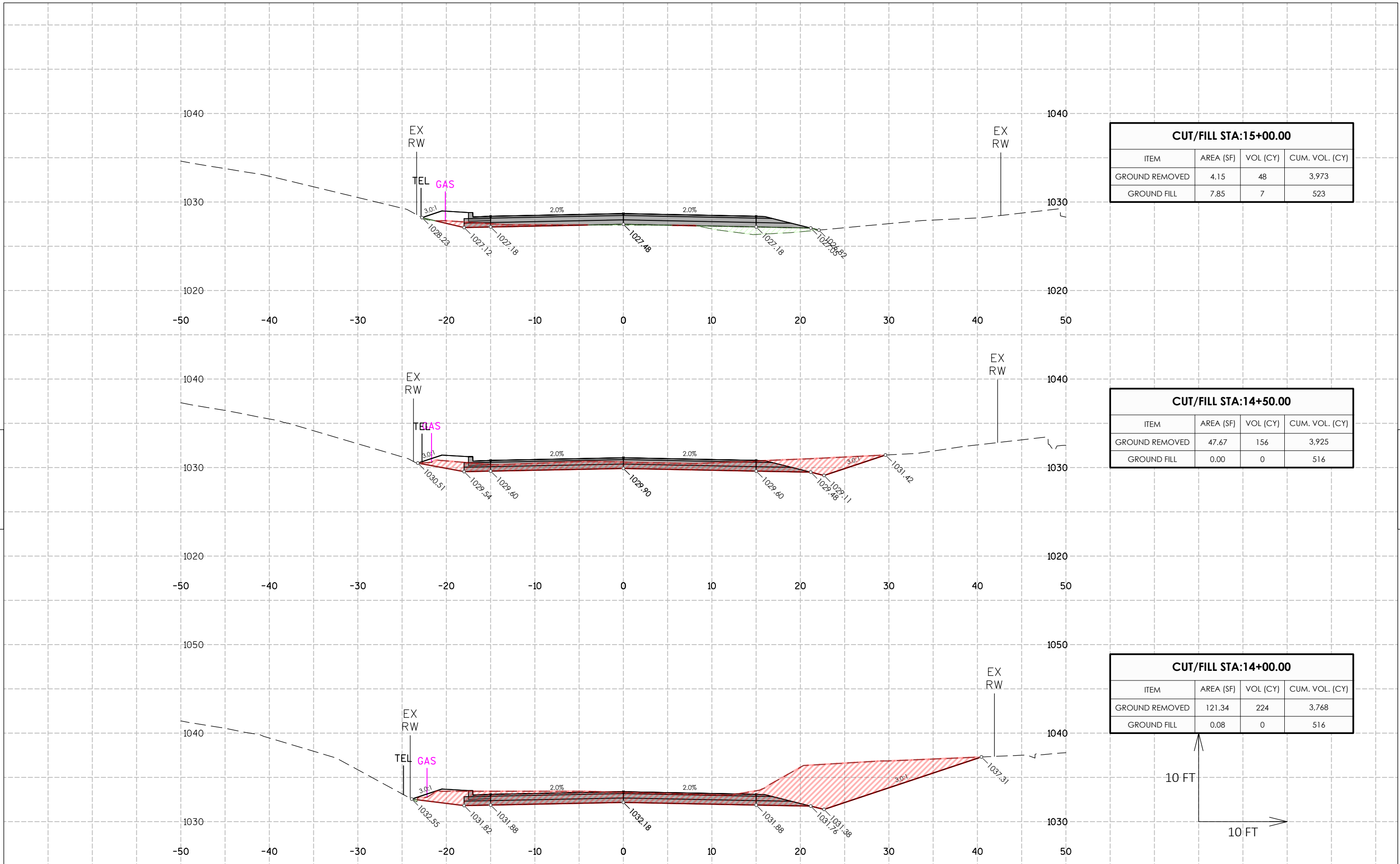


CUT/FILL STA:12+50.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	24.75	52	3,332
GROUND FILL	59.69	62	459



6

6



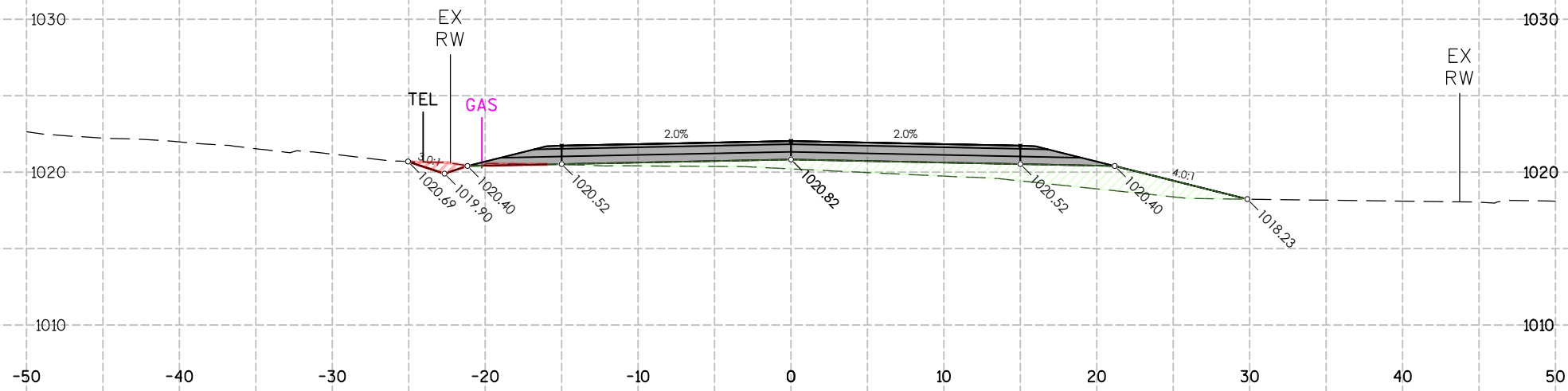
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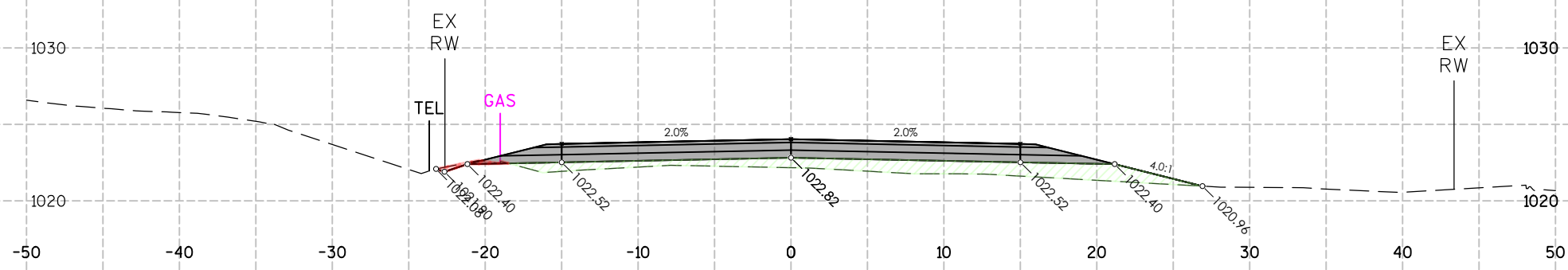
PROJECT NO: 18112/39508802306 HWY: ELLSWORTH RD COUNTY: MONROE COUNTY CROSS SECTIONS: ELLSWORTH RD SECTIONS SHEET E

FILE NAME: F:\Q2\2023\Q23189 ELLSWORTH RD T LA GRANGE\CAD\SECTIONS.DWG PLOT DATE: 11/22/2023 1:15 PM PLOT BY: SSR PLOT NAME: PLOT SCALE: 1 IN:10 FT HORZ. / 1 IN:10 FT VERT. WISDOT/CADD SHEET 49

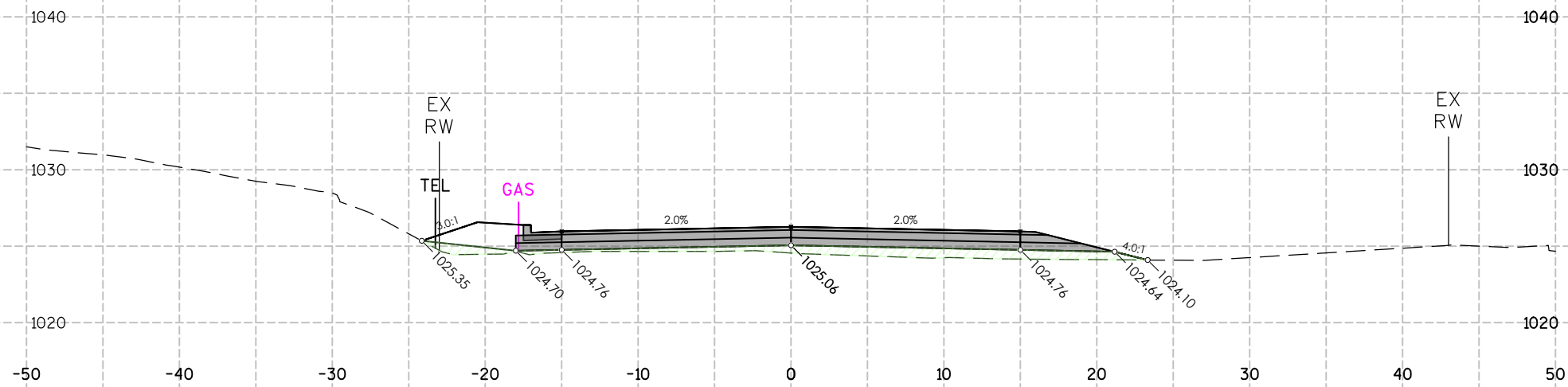
LAYOUT NAME - 9



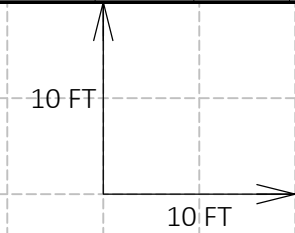
CUT/FILL STA:16+50.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	1.75	2	3,979
GROUND FILL	32.93	58	654



CUT/FILL STA:16+00.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	0.71	1	3,977
GROUND FILL	30.12	46	596

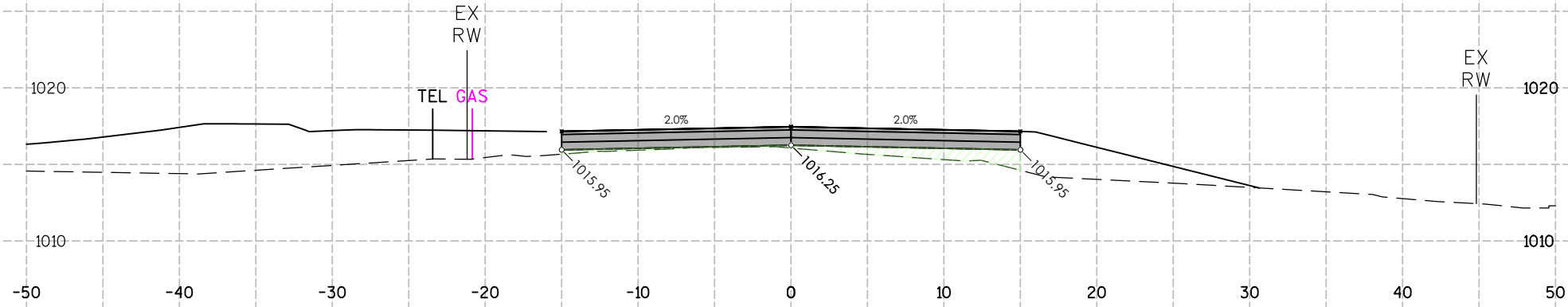


CUT/FILL STA:15+50.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	0.00	4	3,976
GROUND FILL	20.02	26	549

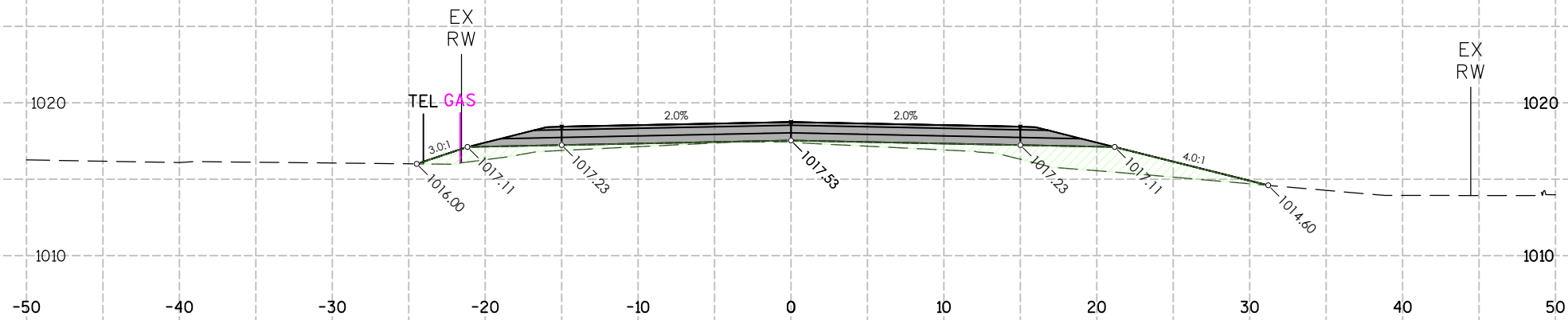


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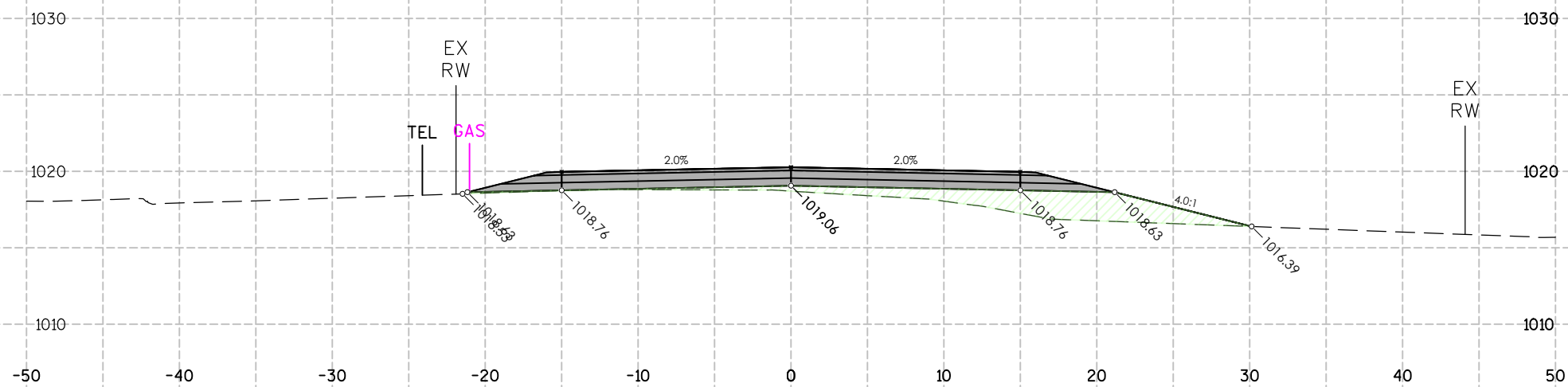
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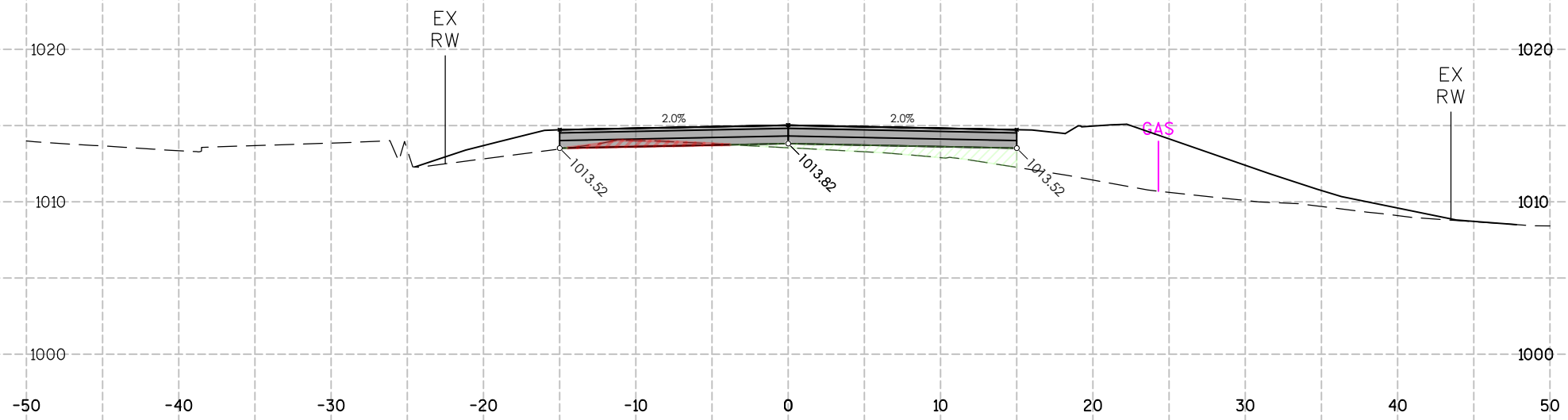
CUT/FILL STA:18+00.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	0.00	0	3,981
GROUND FILL	10.91	38	812



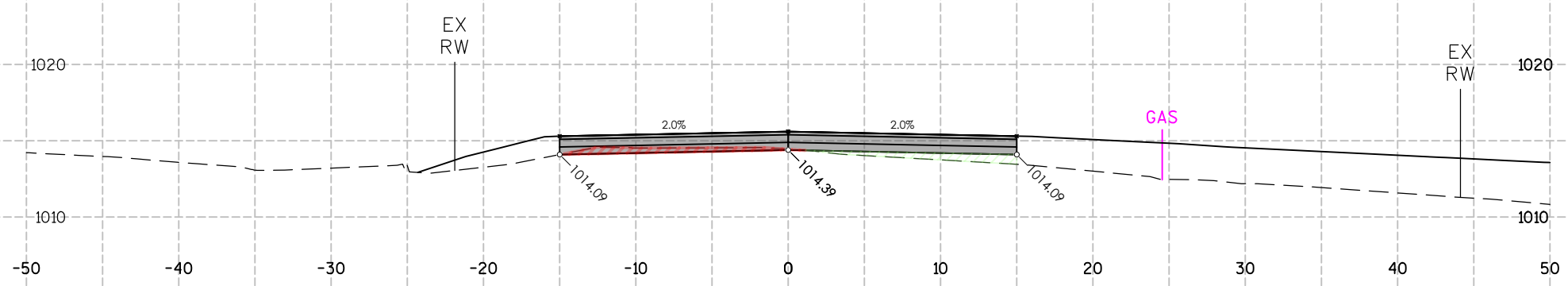
CUT/FILL STA:17+50.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	0.00	0	3,981
GROUND FILL	30.48	59	774



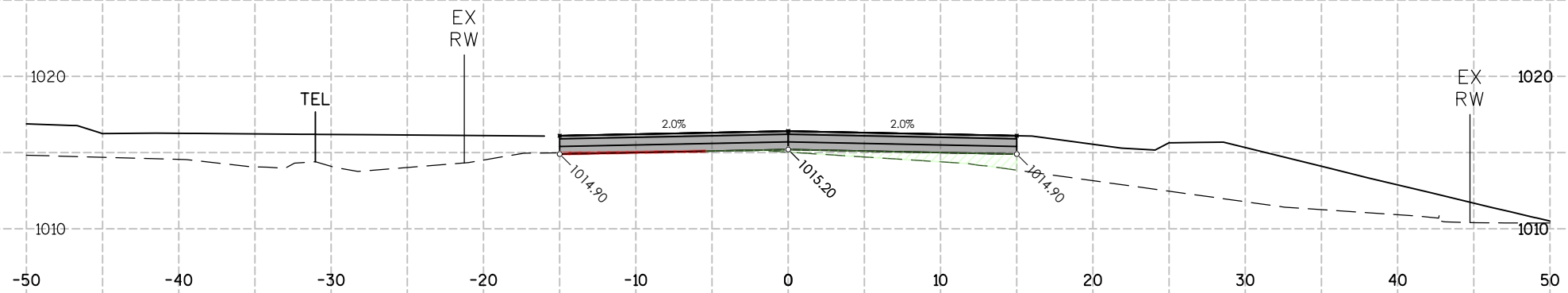
CUT/FILL STA:17+00.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	0.00	2	3,981
GROUND FILL	32.93	61	715



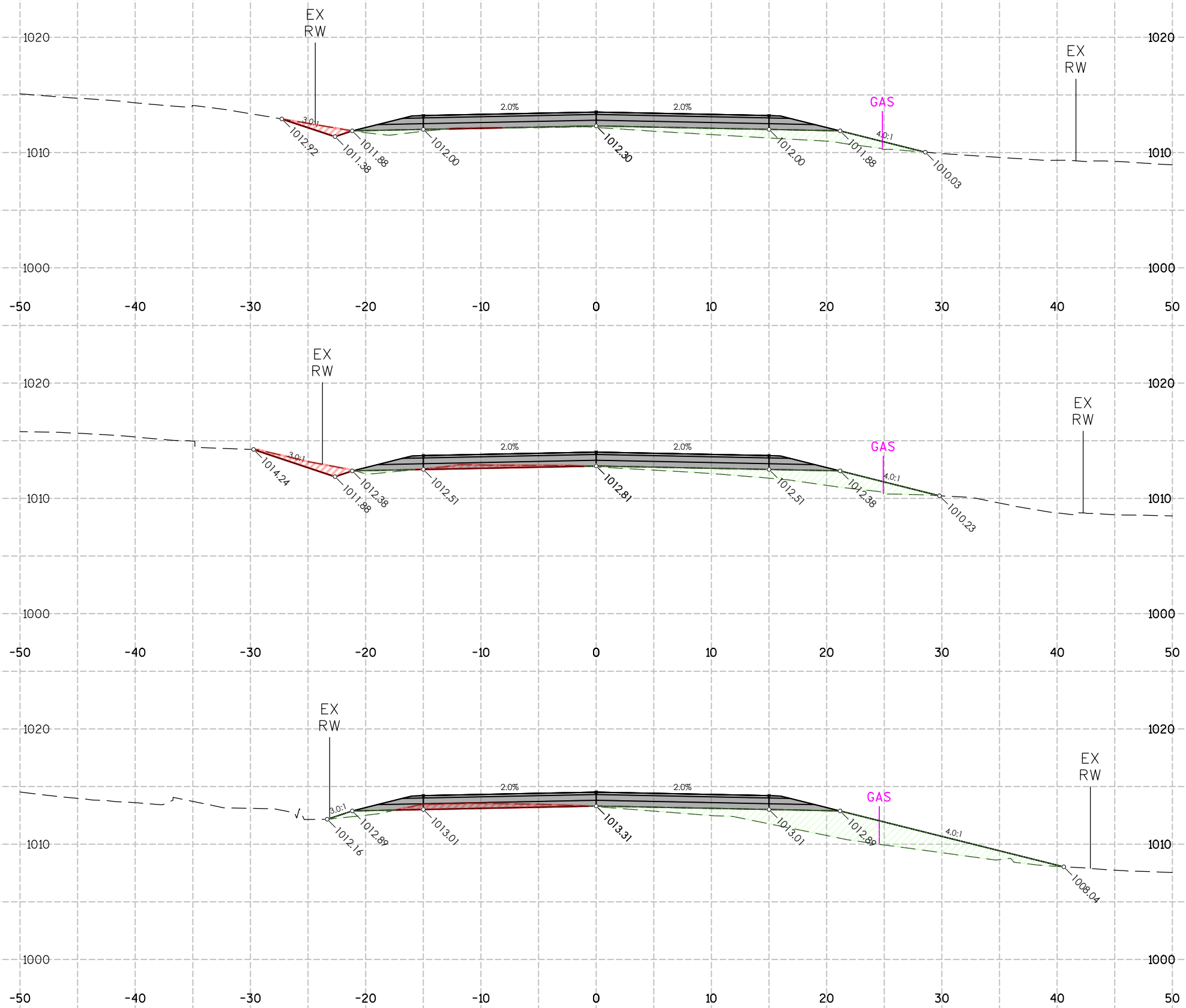
CUT/FILL STA:19+50.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	2.51	6	3,991
GROUND FILL	9.79	14	855



CUT/FILL STA:19+00.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	3.98	4	3,985
GROUND FILL	5.04	12	841



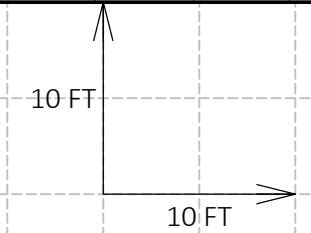
CUT/FILL STA:18+50.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	0.37	0	3,981
GROUND FILL	8.02	17	829



CUT/FILL STA:21+00.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	2.44	8	4,017
GROUND FILL	18.29	35	1,002

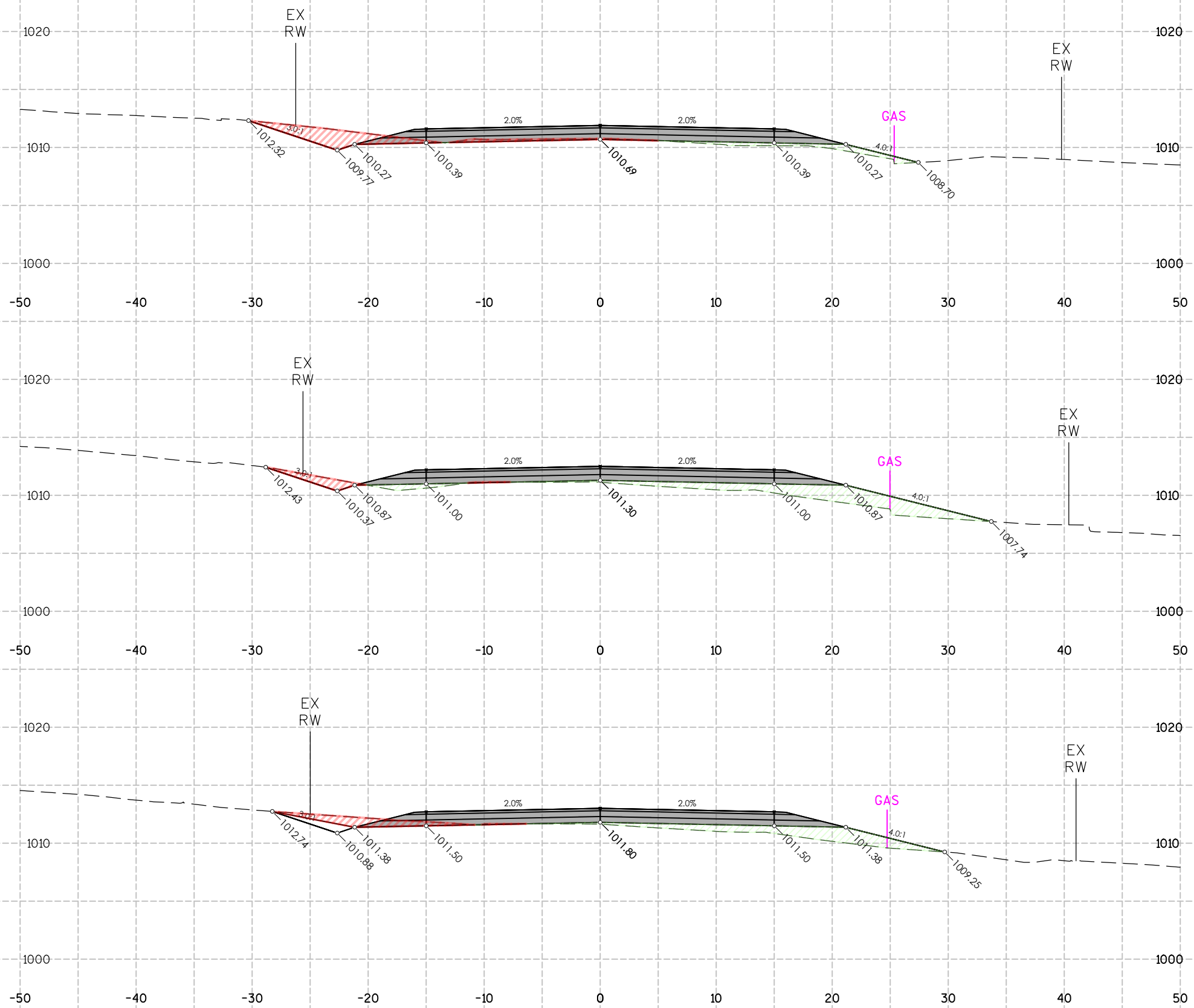
CUT/FILL STA:20+50.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	6.46	11	4,009
GROUND FILL	19.81	60	967

CUT/FILL STA:20+00.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	5.12	7	3,998
GROUND FILL	45.30	51	906



6

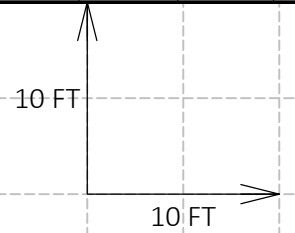
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CUT/FILL STA:22+50.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	14.83	18	4,055
GROUND FILL	6.08	33	1,116

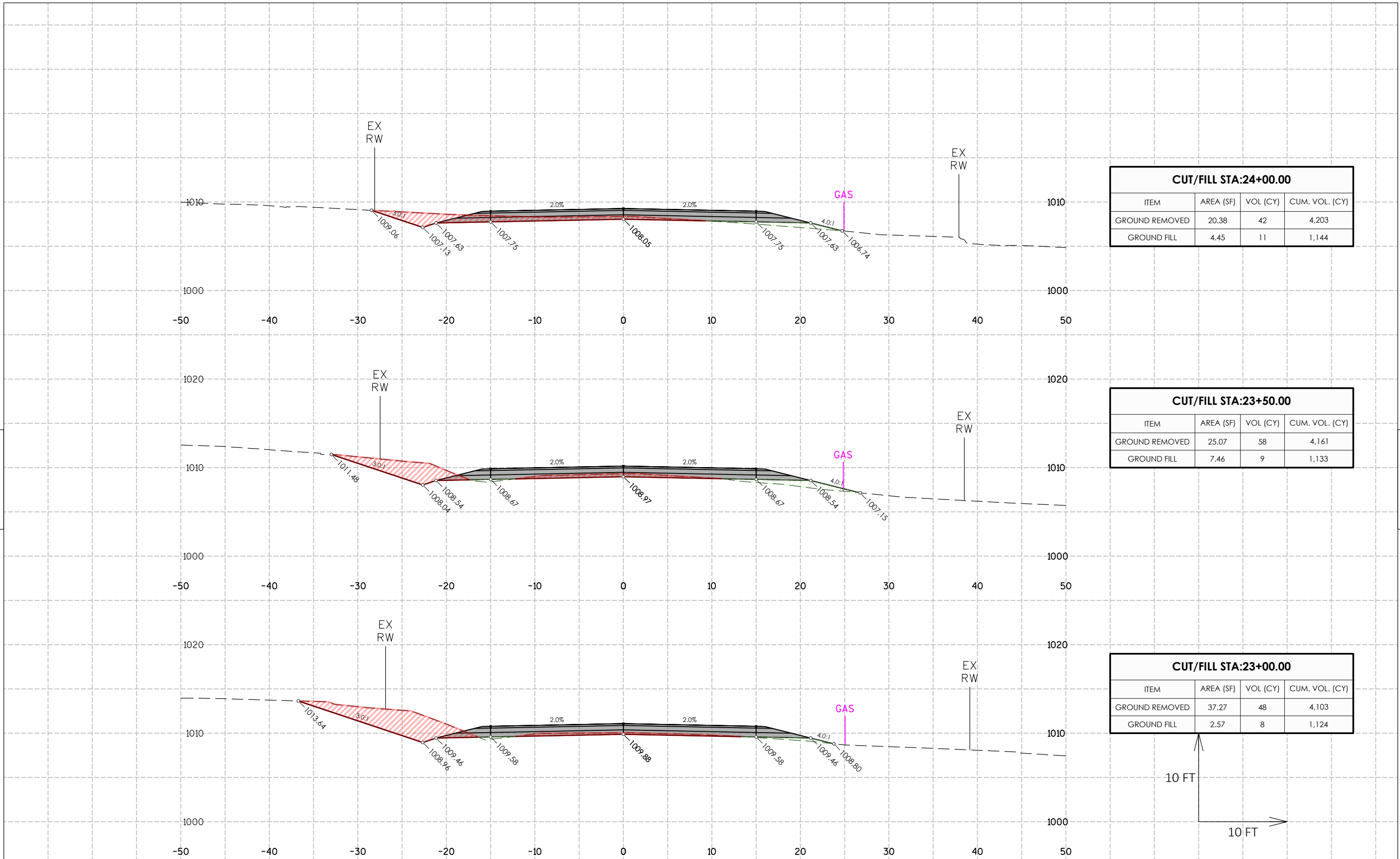
CUT/FILL STA:22+00.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	4.11	11	4,038
GROUND FILL	29.68	46	1,083

CUT/FILL STA:21+50.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	7.71	9	4,027
GROUND FILL	19.63	35	1,037



6

6



CUT/FILL STA:24+00.00

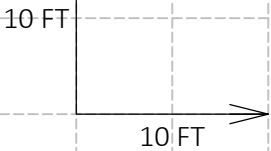
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	20.38	42	4,203
GROUND FILL	4.45	11	1,144

CUT/FILL STA:23+50.00

ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	25.07	58	4,161
GROUND FILL	7.46	9	1,133

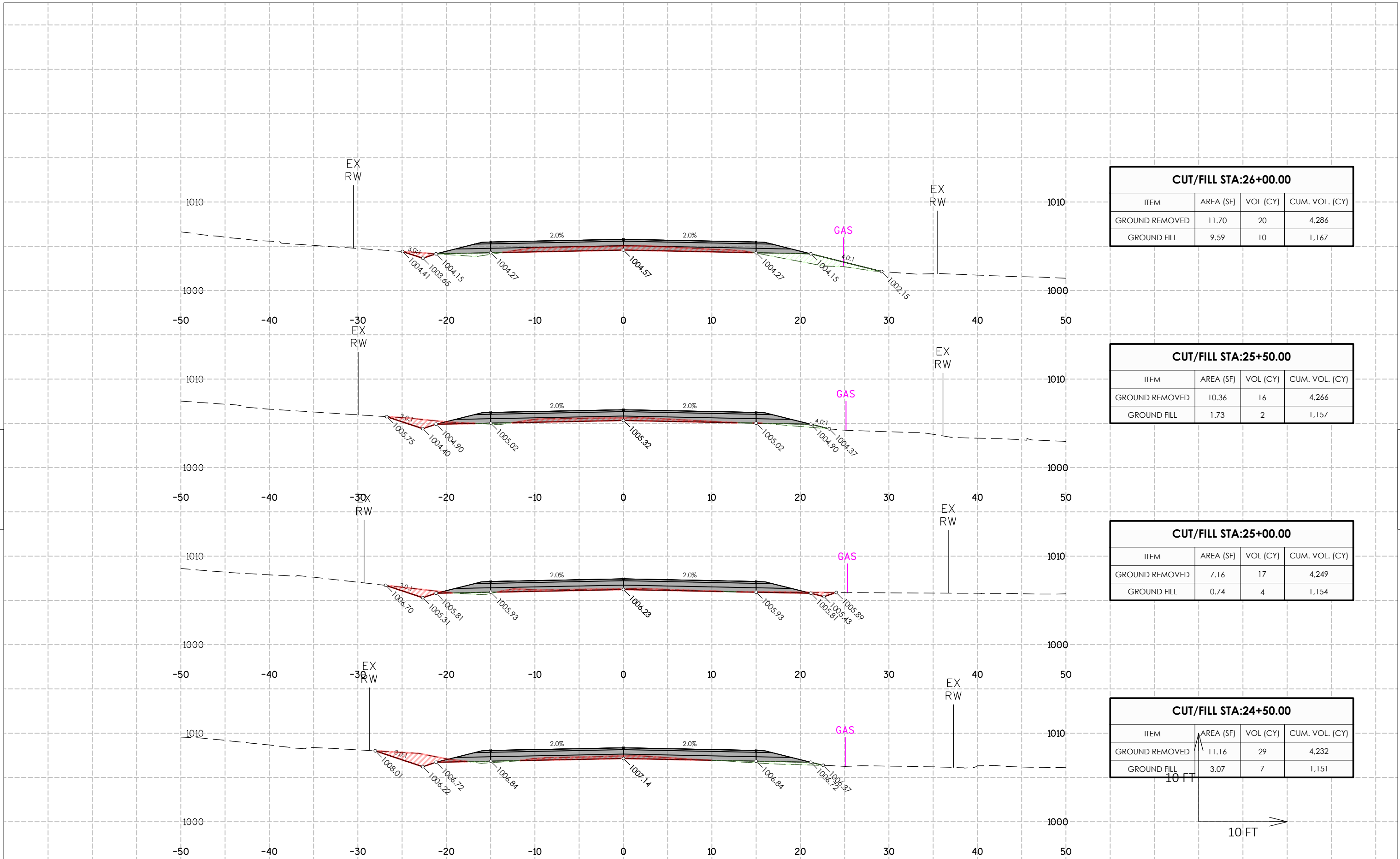
CUT/FILL STA:23+00.00

ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	37.27	48	4,103
GROUND FILL	2.57	8	1,124



6

6



CUT/FILL STA:26+00.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	11.70	20	4,286
GROUND FILL	9.59	10	1,167

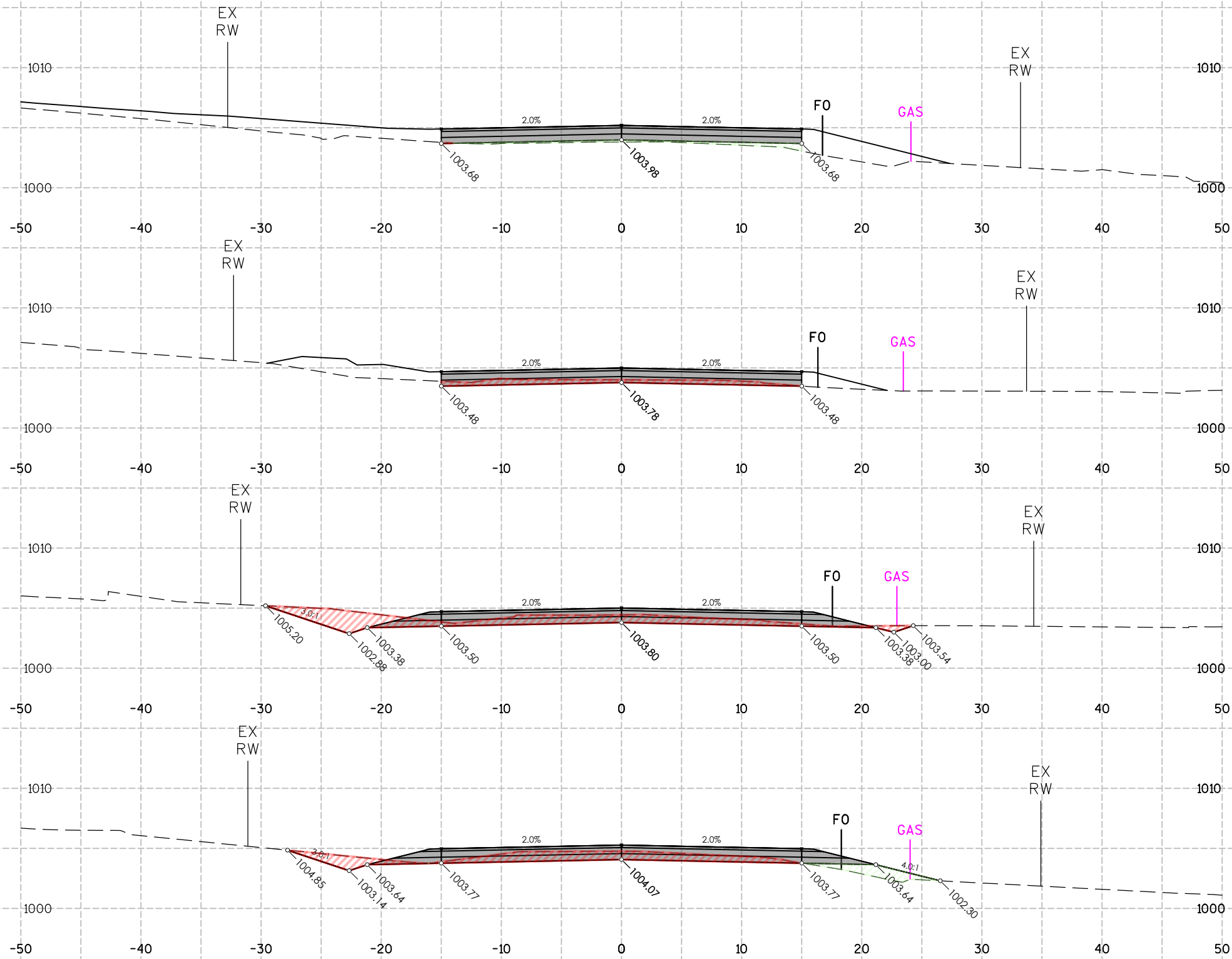
CUT/FILL STA:25+50.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	10.36	16	4,266
GROUND FILL	1.73	2	1,157

CUT/FILL STA:25+00.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	7.16	17	4,249
GROUND FILL	0.74	4	1,154

CUT/FILL STA:24+50.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	11.16	29	4,232
GROUND FILL	3.07	7	1,151

6

6



CUT/FILL STA:28+00.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	0.04	9	4,416
GROUND FILL	4.96	5	1,192

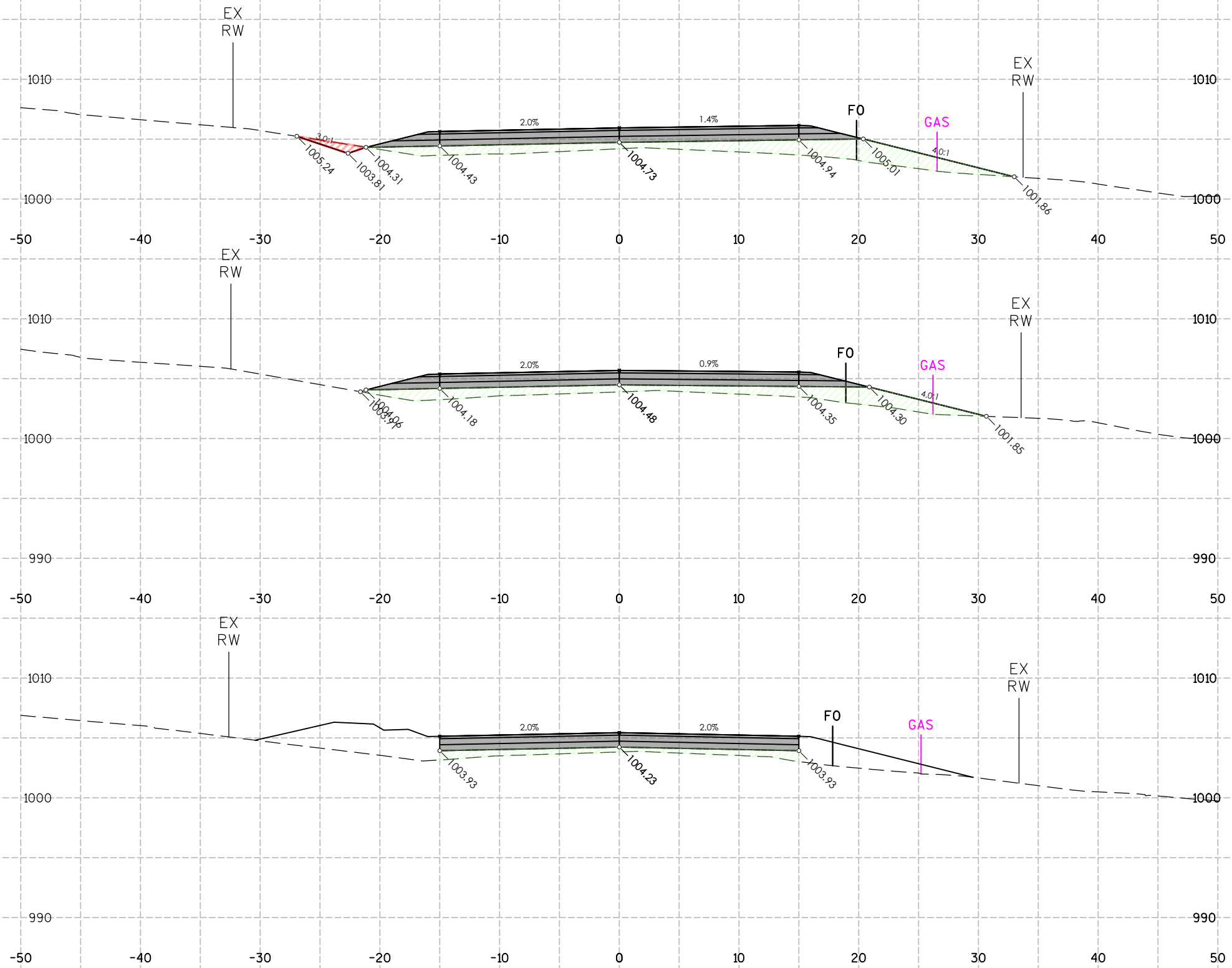
CUT/FILL STA:27+50.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	9.30	38	4,408
GROUND FILL	0.00	0	1,187

CUT/FILL STA:27+00.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	32.07	51	4,369
GROUND FILL	0.00	6	1,187

CUT/FILL STA:26+50.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	23.10	32	4,318
GROUND FILL	6.05	14	1,182

6

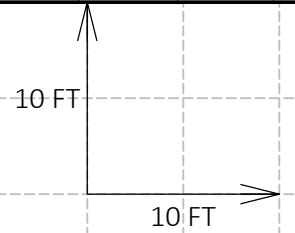
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CUT/FILL STA:29+50.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	2.18	2	4,418
GROUND FILL	46.94	81	1,342

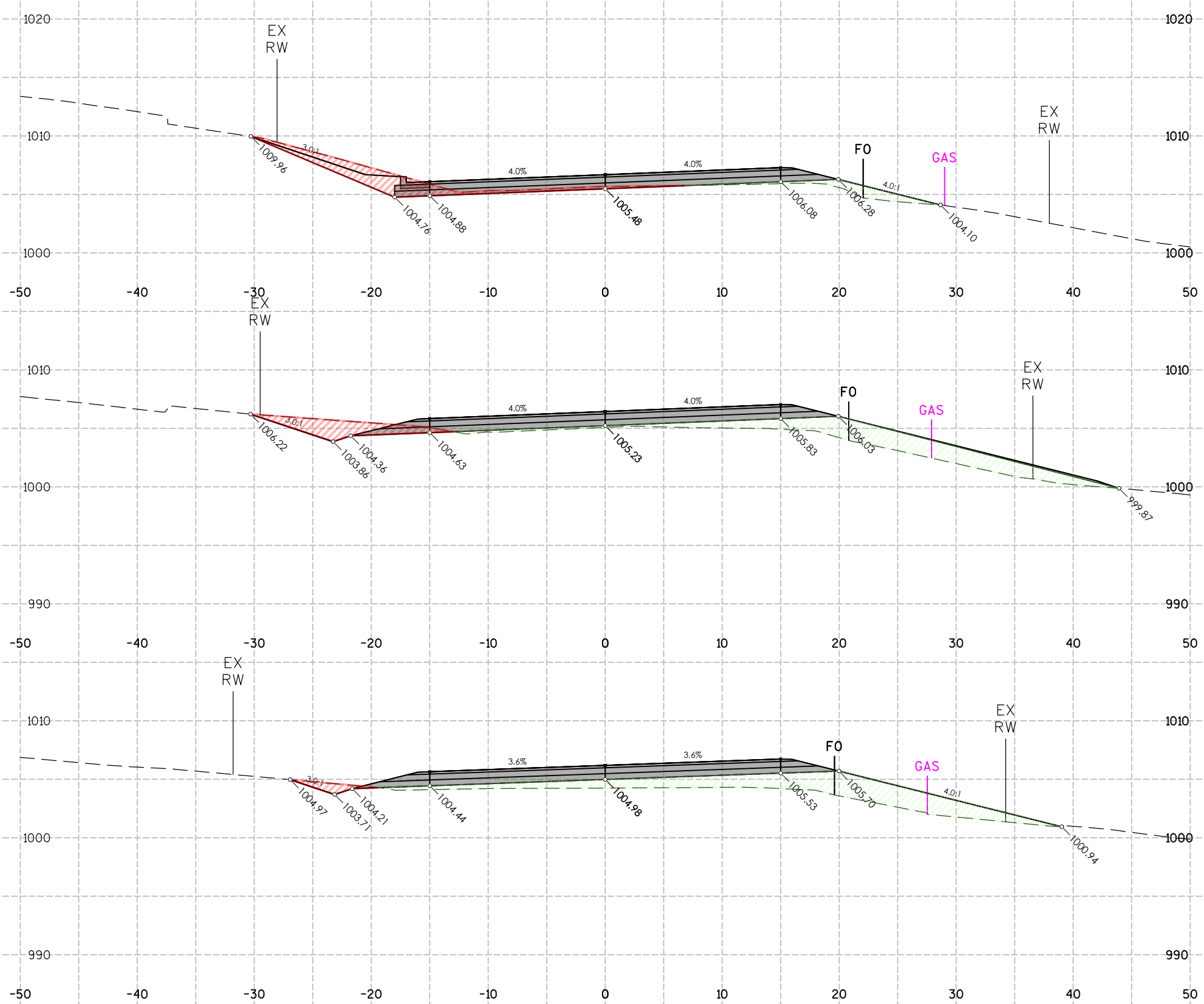
CUT/FILL STA:29+00.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	0.00	0	4,416
GROUND FILL	40.23	51	1,262

CUT/FILL STA:28+50.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	0.00	0	4,416
GROUND FILL	15.03	19	1,210



6

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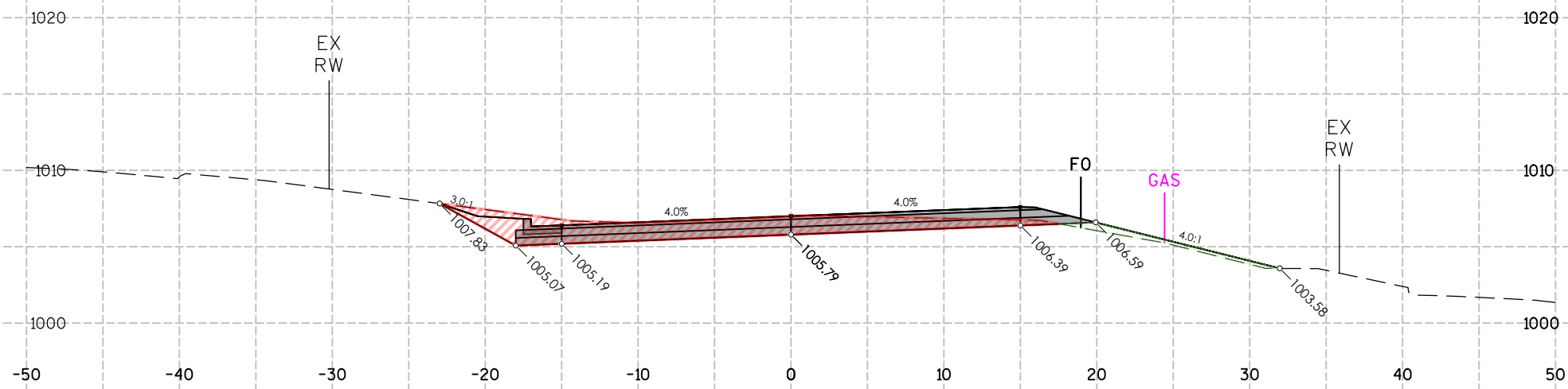
CUT/FILL STA:31+00.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	21.77	33	4,472
GROUND FILL	7.56	50	1,585

CUT/FILL STA:30+50.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	15.01	16	4,439
GROUND FILL	44.86	96	1,535

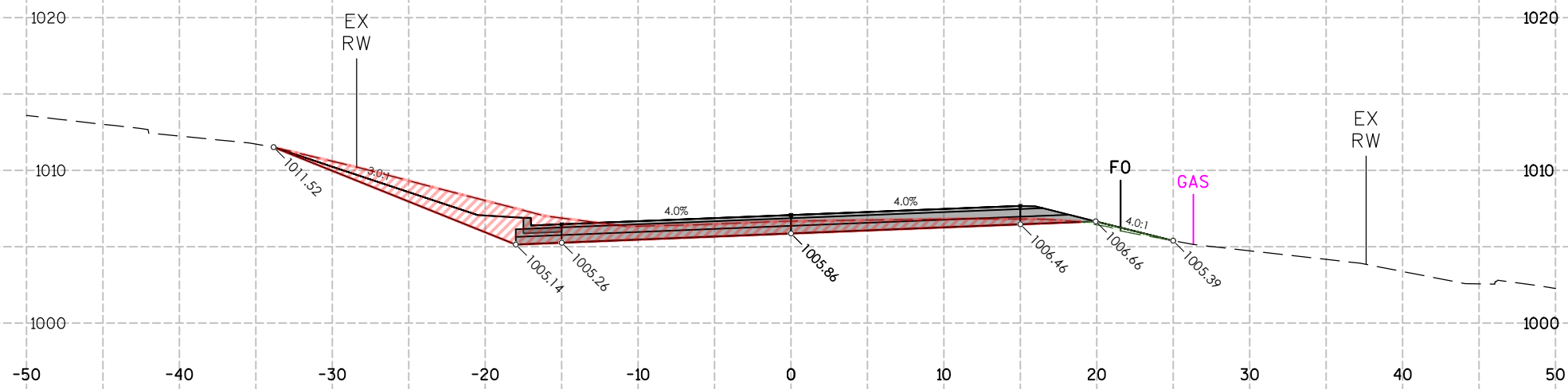
CUT/FILL STA:30+00.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	2.98	5	4,423
GROUND FILL	56.19	96	1,439

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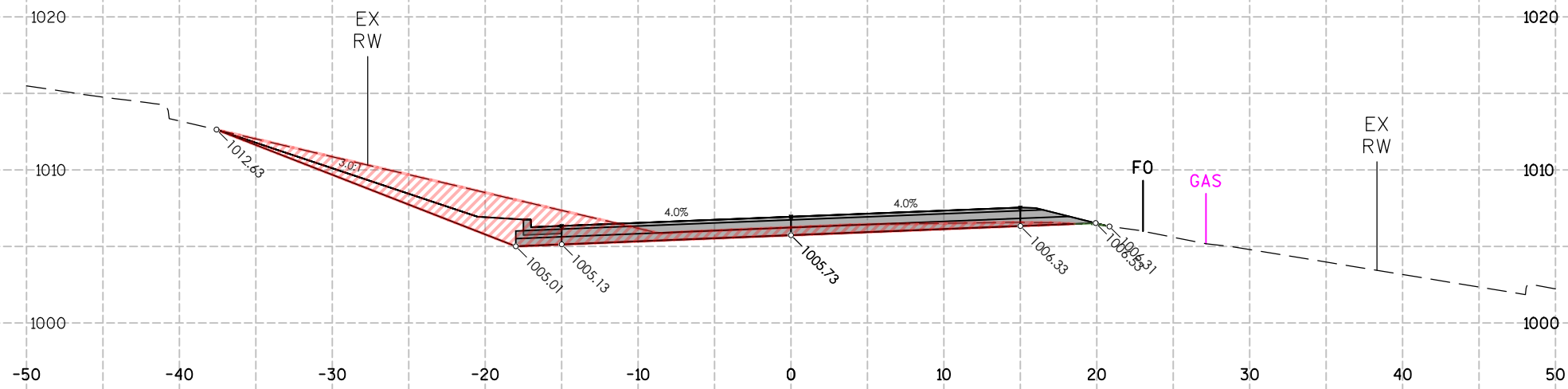
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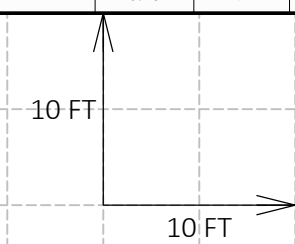
CUT/FILL STA:32+50.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	42.20	84	4,725
GROUND FILL	3.85	4	1,597



CUT/FILL STA:32+00.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	49.45	97	4,641
GROUND FILL	0.78	1	1,593

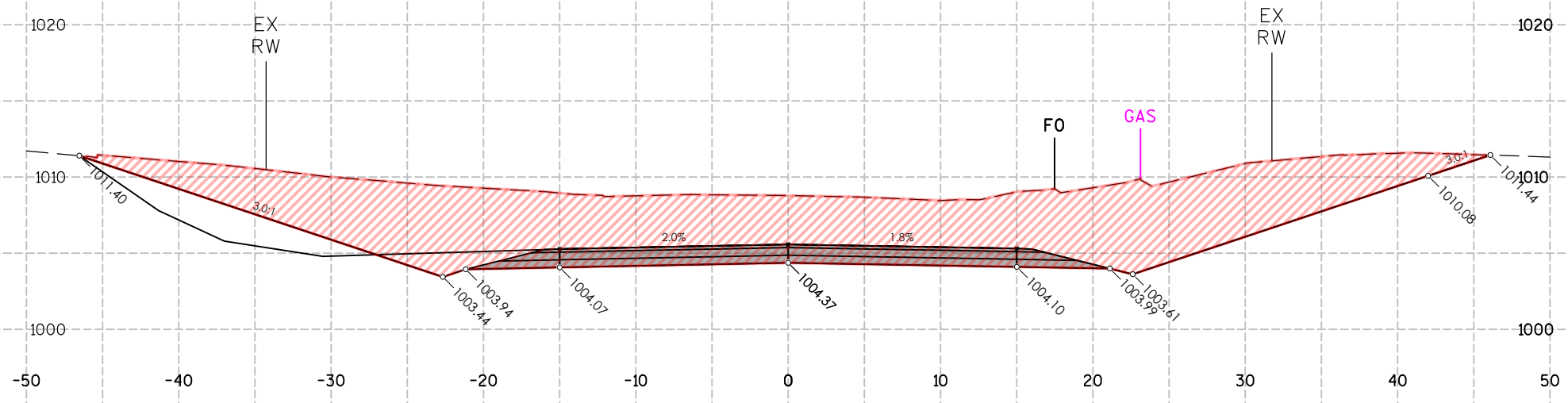


CUT/FILL STA:31+50.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	57.57	72	4,544
GROUND FILL	0.13	7	1,592

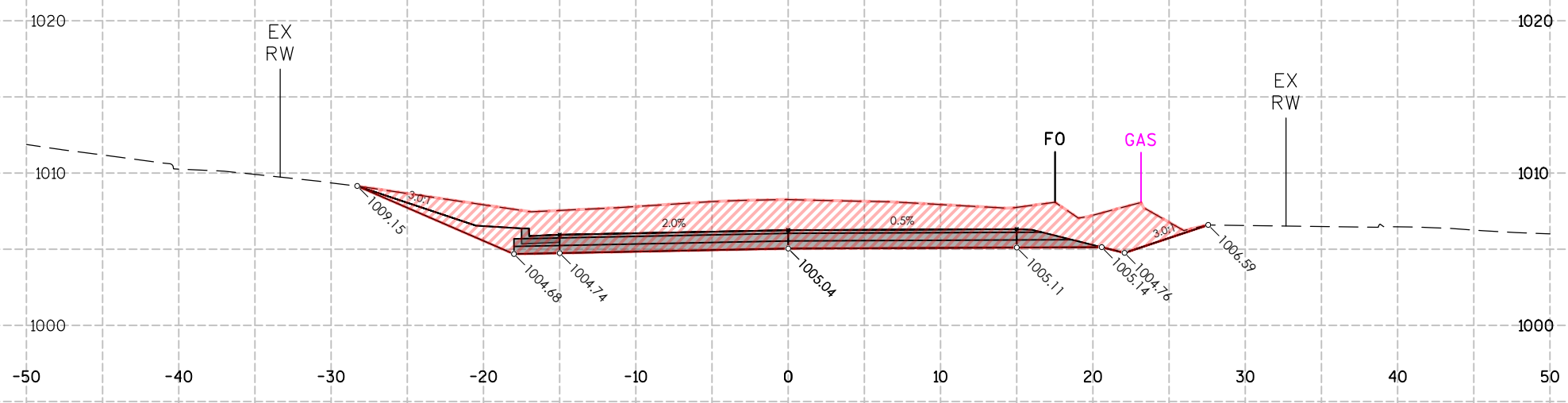


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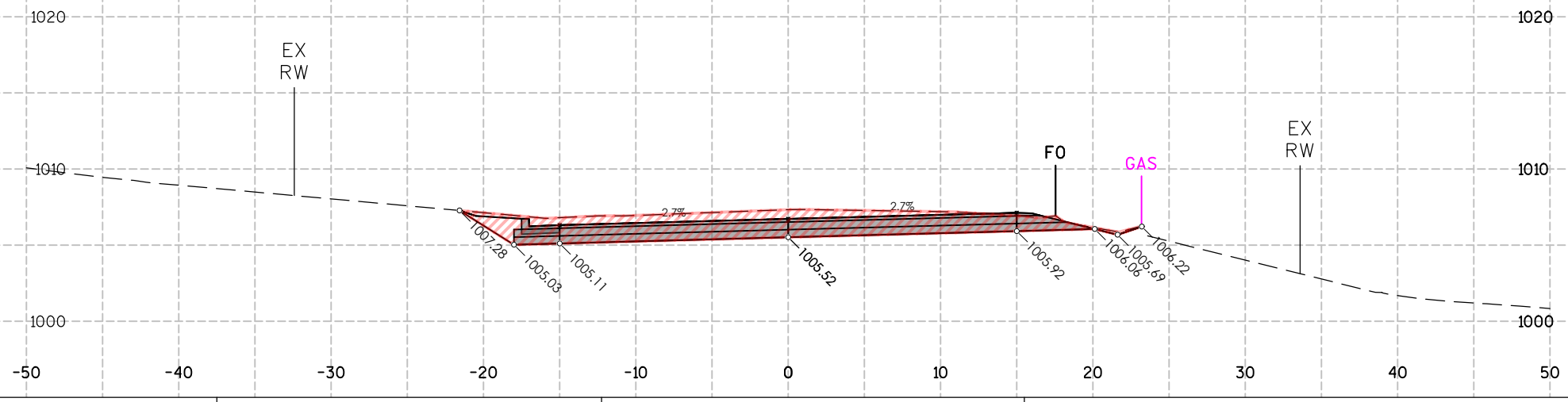
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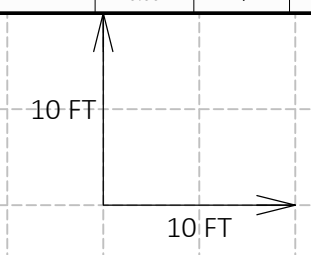
CUT/FILL STA:34+00.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	369.30	471	5,476
GROUND FILL	0.00	0	1,601



CUT/FILL STA:33+50.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	138.91	185	5,005
GROUND FILL	0.00	0	1,601

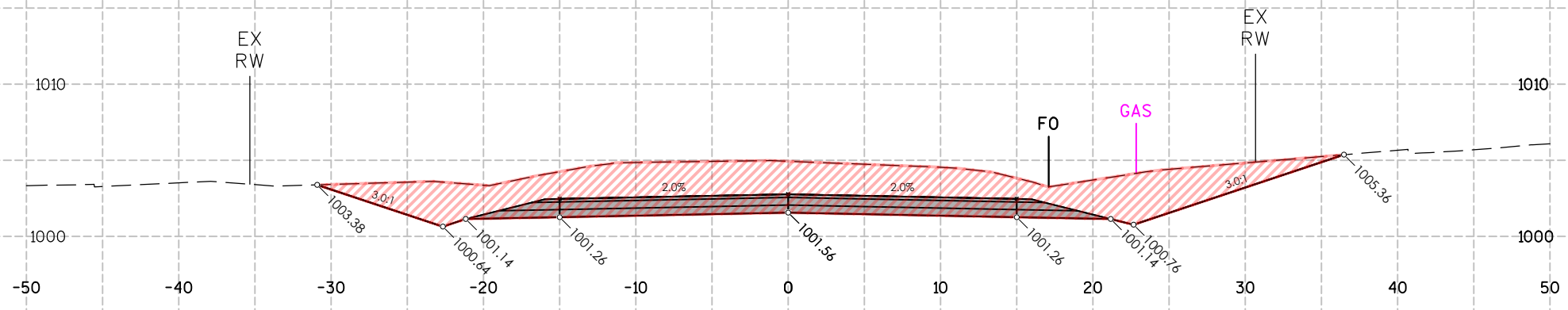


CUT/FILL STA:33+00.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	61.10	95	4,820
GROUND FILL	0.00	4	1,601

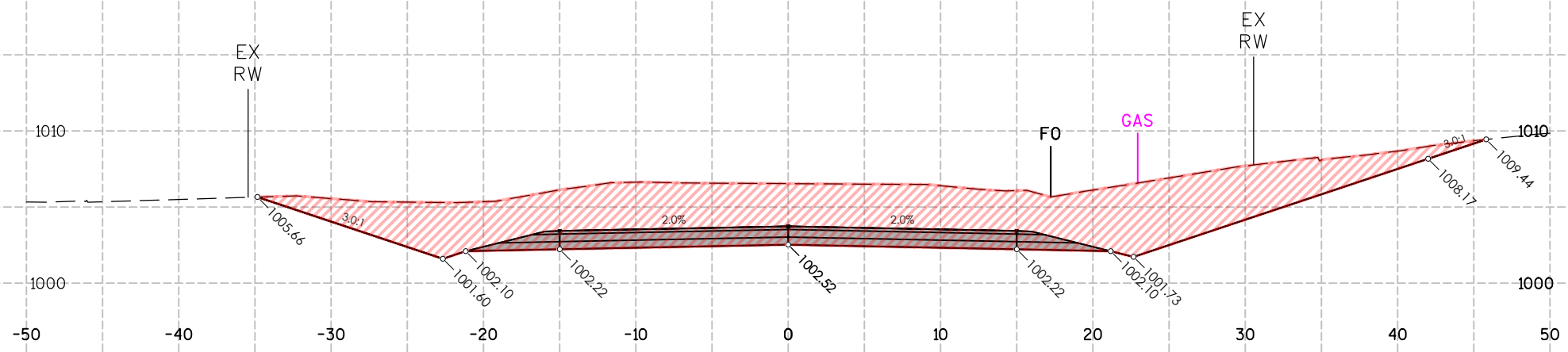


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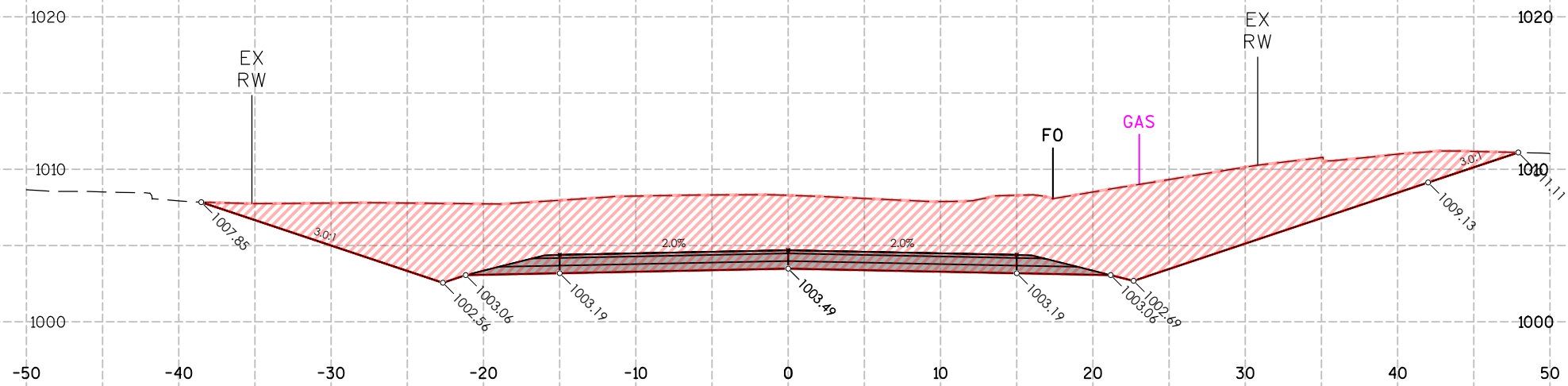
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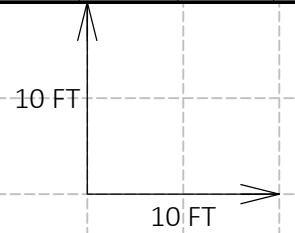
CUT/FILL STA:35+50.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	173.48	401	7,114
GROUND FILL	0.00	0	1,601



CUT/FILL STA:35+00.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	259.96	568	6,713
GROUND FILL	0.00	0	1,601

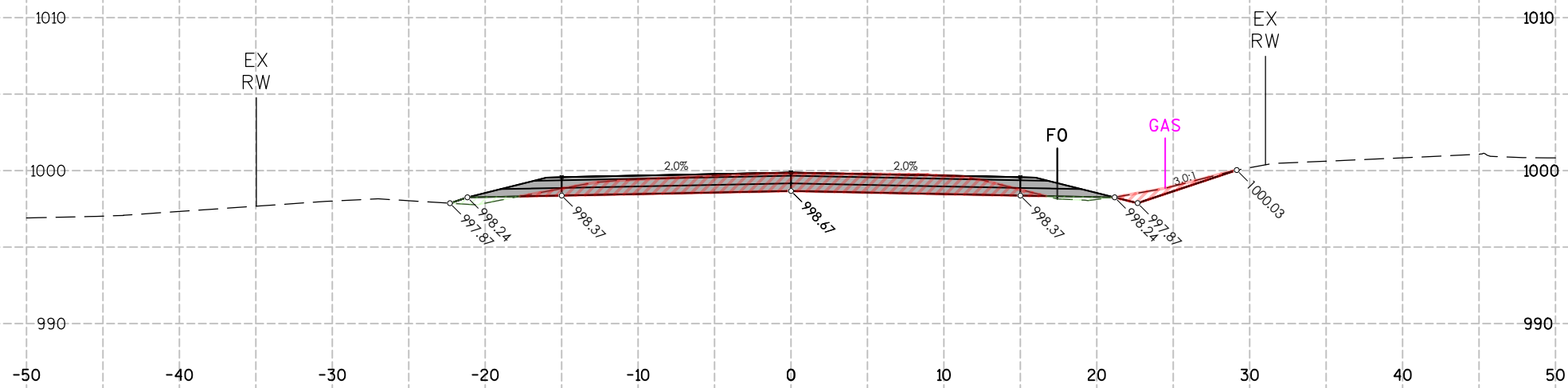


CUT/FILL STA:34+50.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	353.29	669	6,145
GROUND FILL	0.00	0	1,601

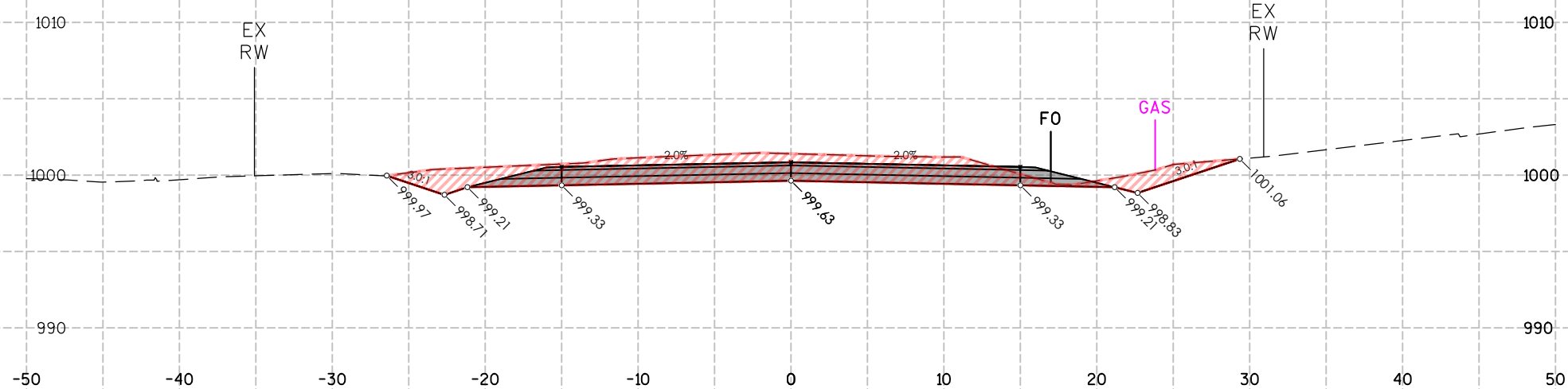


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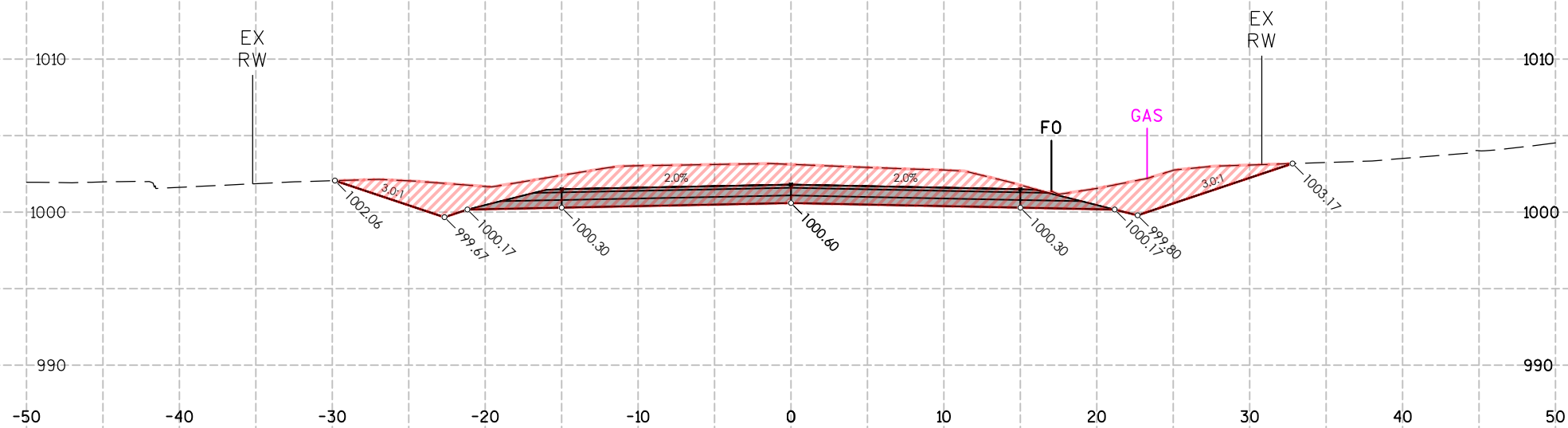
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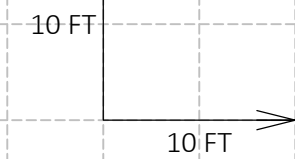
CUT/FILL STA:37+00.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	34.57	99	7,661
GROUND FILL	1.89	2	1,603



CUT/FILL STA:36+50.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	72.25	177	7,562
GROUND FILL	0.00	0	1,601

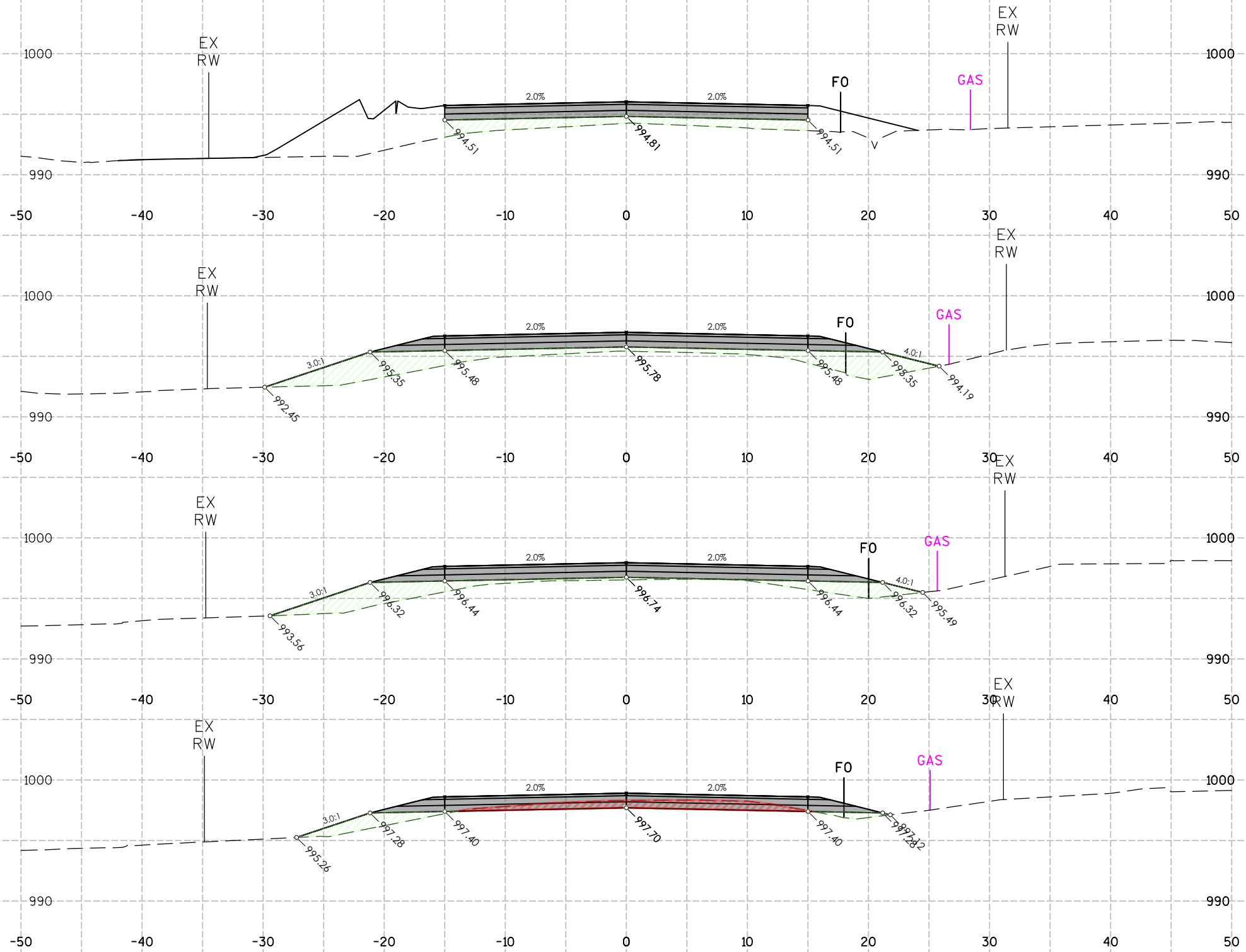


CUT/FILL STA:36+00.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	119.29	271	7,385
GROUND FILL	0.00	0	1,601



6

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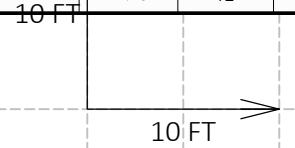


CUT/FILL STA:39+00.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	0.00	0	7,722
GROUND FILL	23.52	72	1,810

CUT/FILL STA:38+50.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	0.00	0	7,722
GROUND FILL	53.72	82	1,739

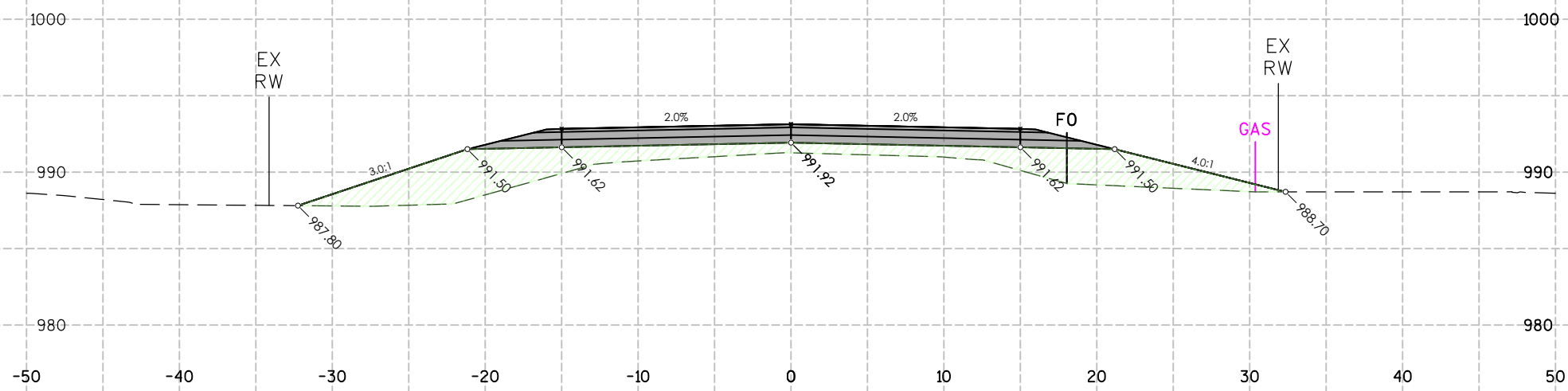
CUT/FILL STA:38+00.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	0.00	14	7,722
GROUND FILL	34.43	42	1,657

CUT/FILL STA:37+50.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	15.29	46	7,708
GROUND FILL	11.25	12	1,615

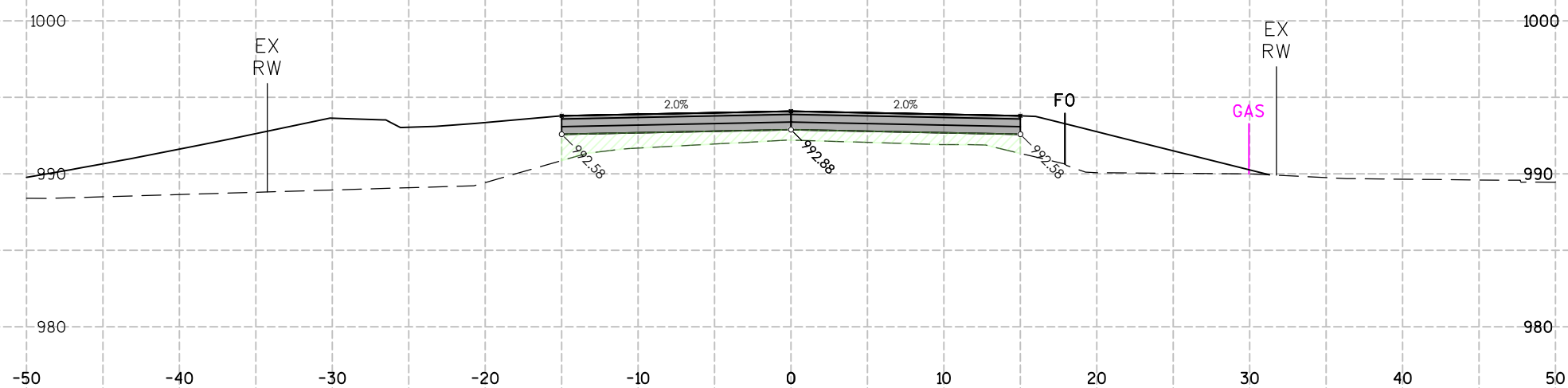


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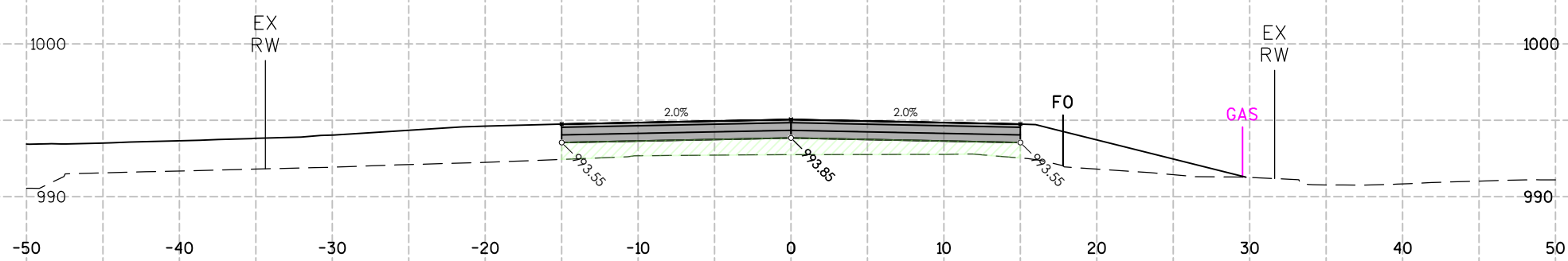
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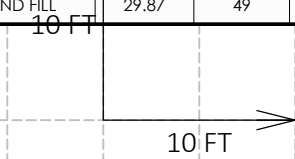
CUT/FILL STA:40+50.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	0.00	0	7,722
GROUND FILL	88.66	106	2,018



CUT/FILL STA:40+00.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	0.00	0	7,722
GROUND FILL	26.25	52	1,912

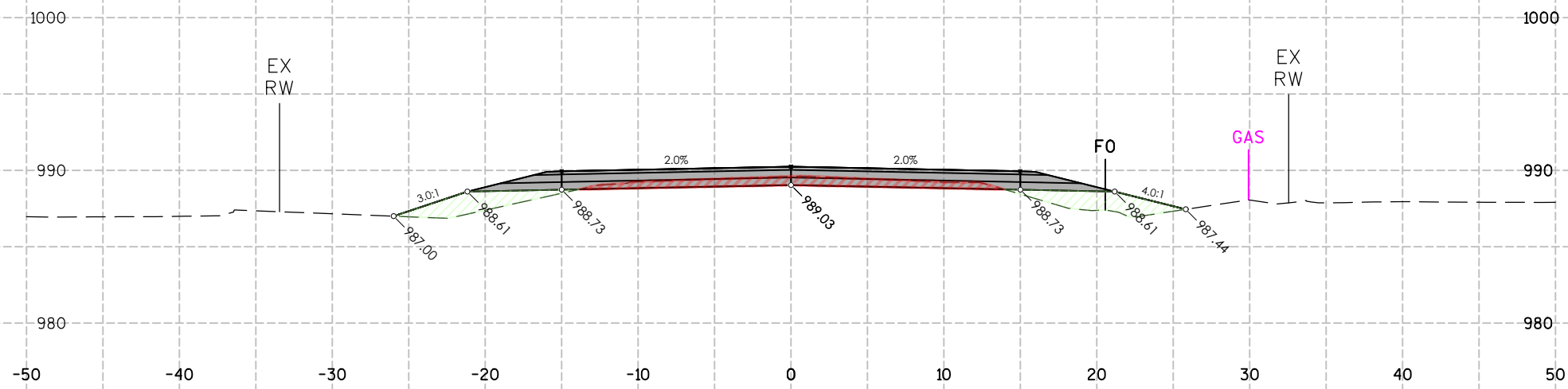


CUT/FILL STA:39+50.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	0.00	0	7,722
GROUND FILL	29.87	49	1,860

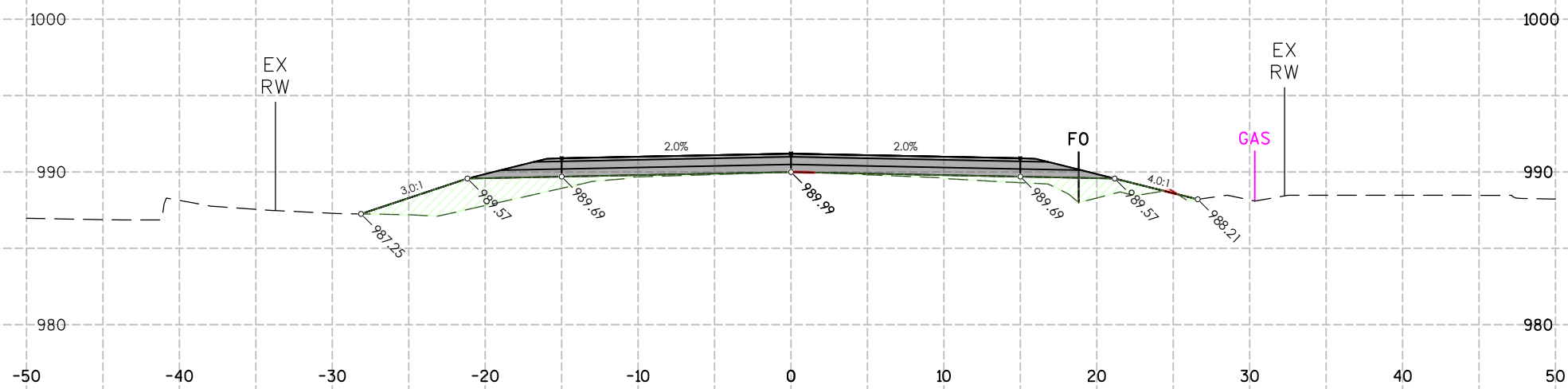


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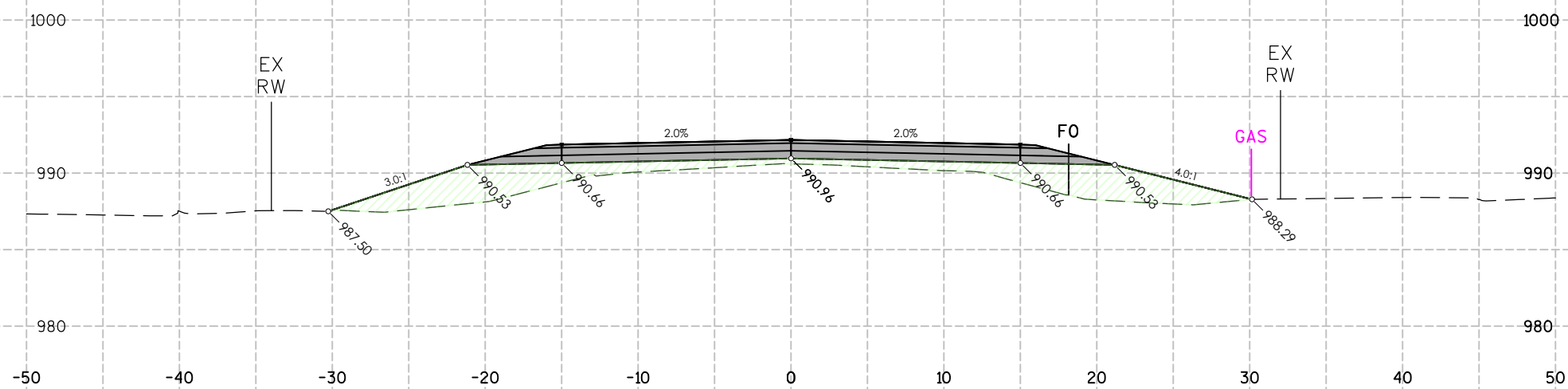
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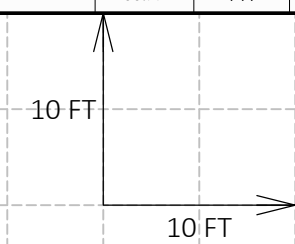
CUT/FILL STA:42+00.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	12.44	12	7,733
GROUND FILL	19.67	45	2,296



CUT/FILL STA:41+50.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	0.10	0	7,722
GROUND FILL	29.38	89	2,251

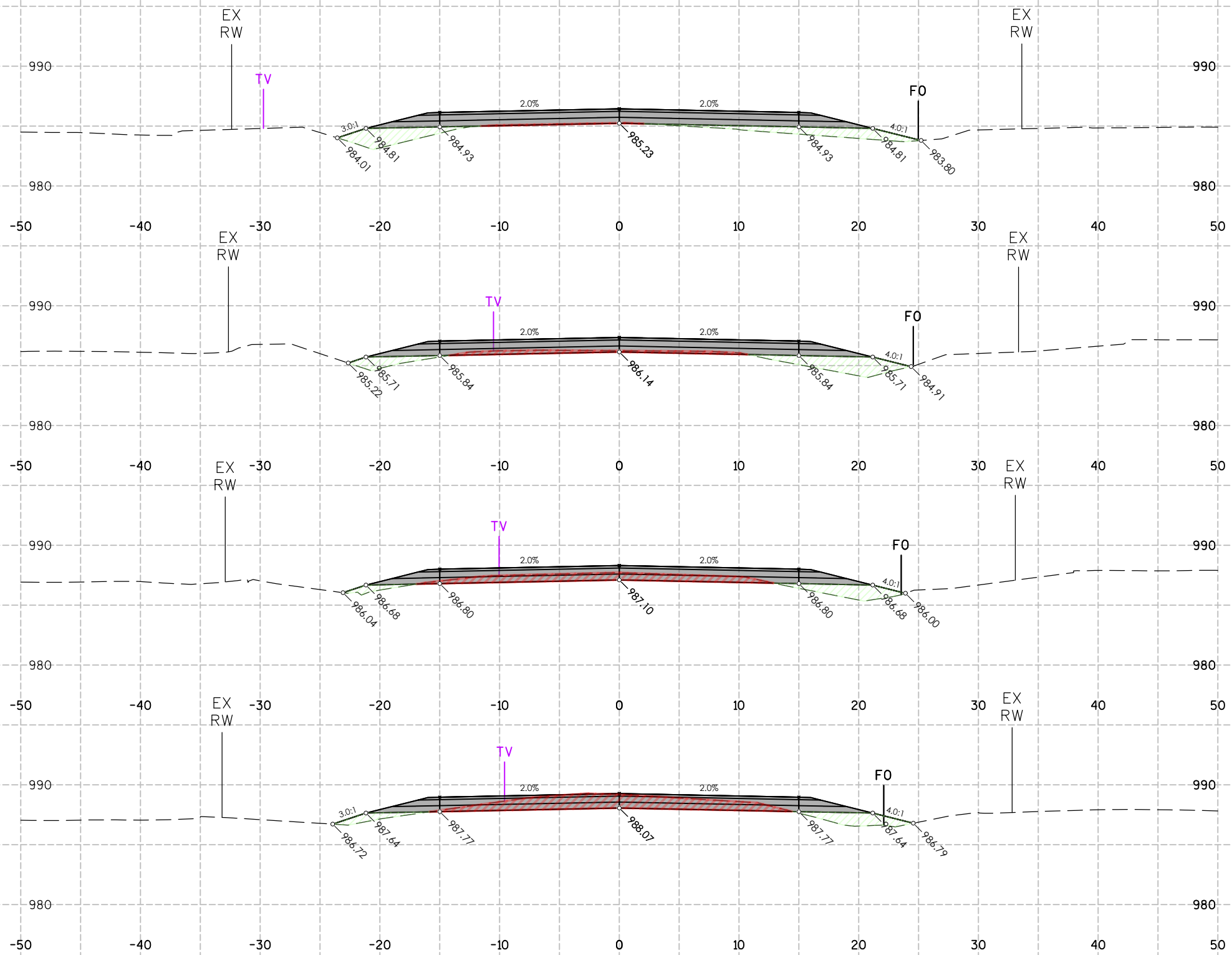


CUT/FILL STA:41+00.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	0.00	0	7,722
GROUND FILL	66.77	144	2,162



6

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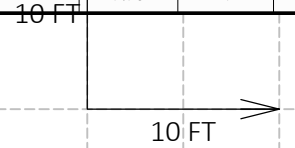


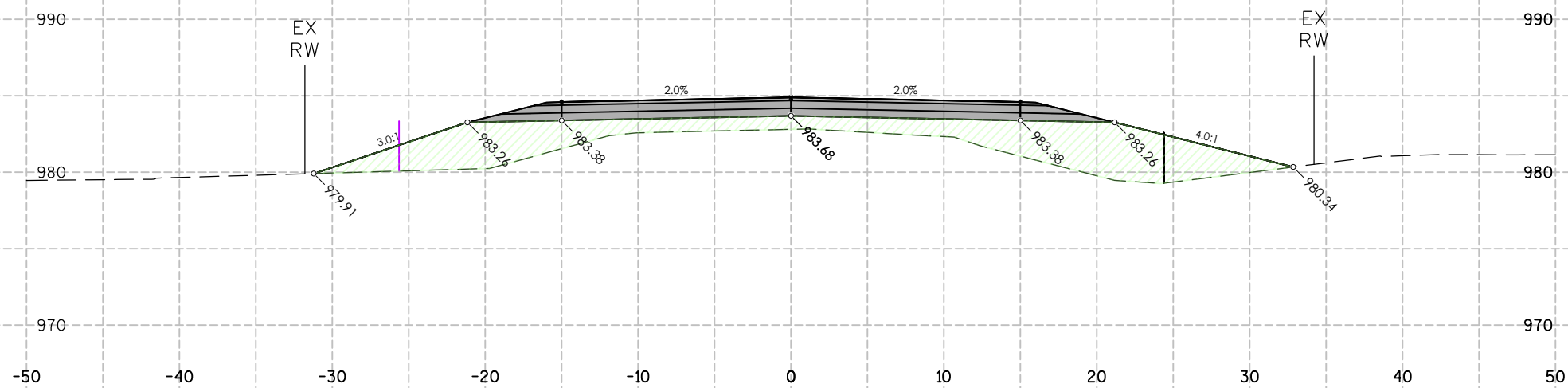
CUT/FILL STA:44+00.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	0.50	5	7,827
GROUND FILL	20.38	34	2,401

CUT/FILL STA:43+50.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	4.86	18	7,822
GROUND FILL	16.45	24	2,367

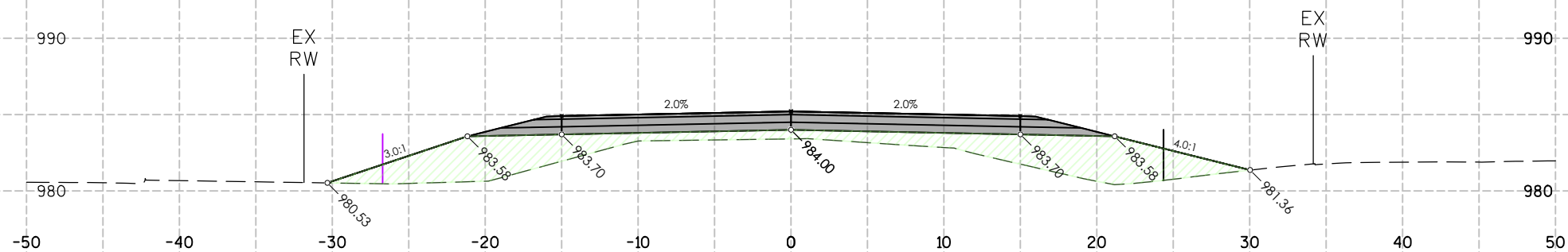
CUT/FILL STA:43+00.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	14.73	36	7,804
GROUND FILL	9.90	18	2,342

CUT/FILL STA:42+50.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	24.47	34	7,768
GROUND FILL	9.90	27	2,324

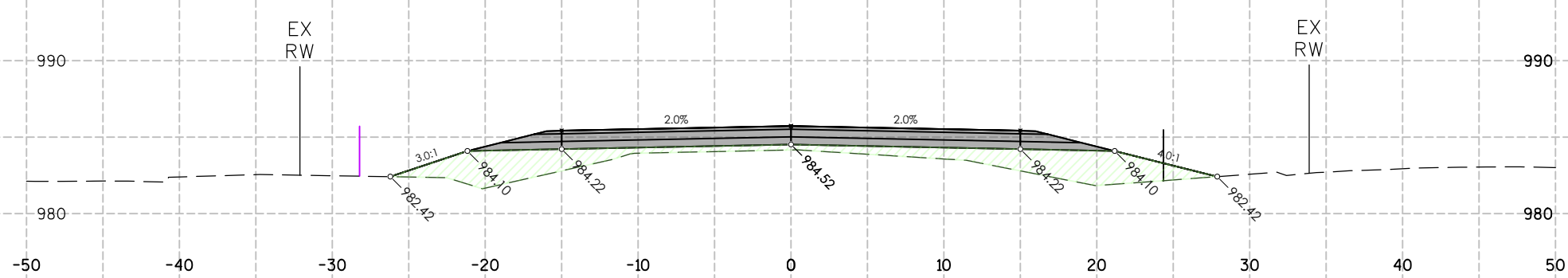




CUT/FILL STA:45+50.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	0.00	0	7.827
GROUND FILL	108.58	180	2,780



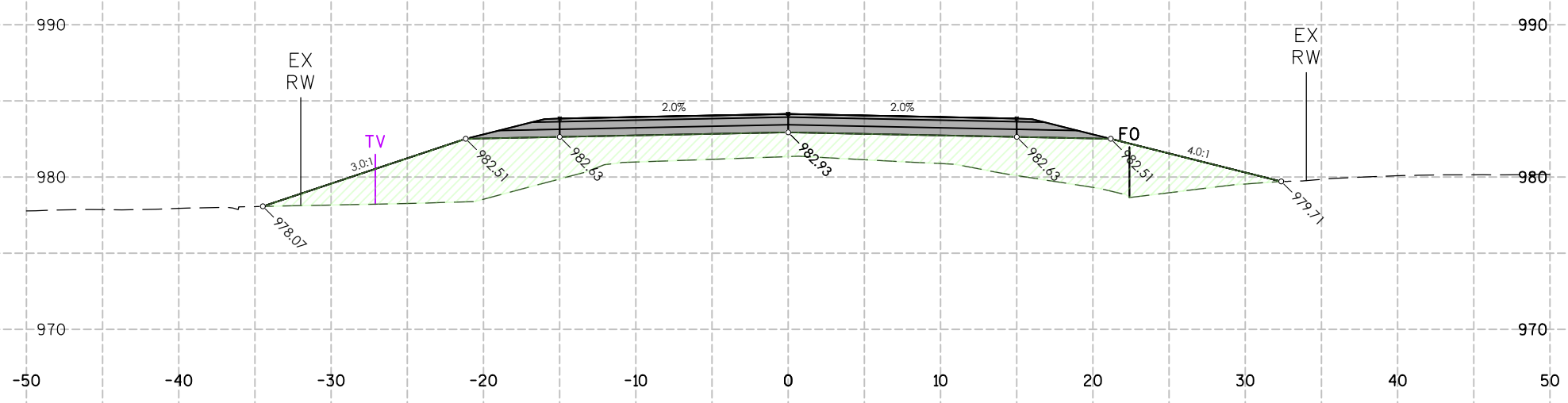
CUT/FILL STA:45+00.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	0.00	0	7.827
GROUND FILL	85.58	130	2,600



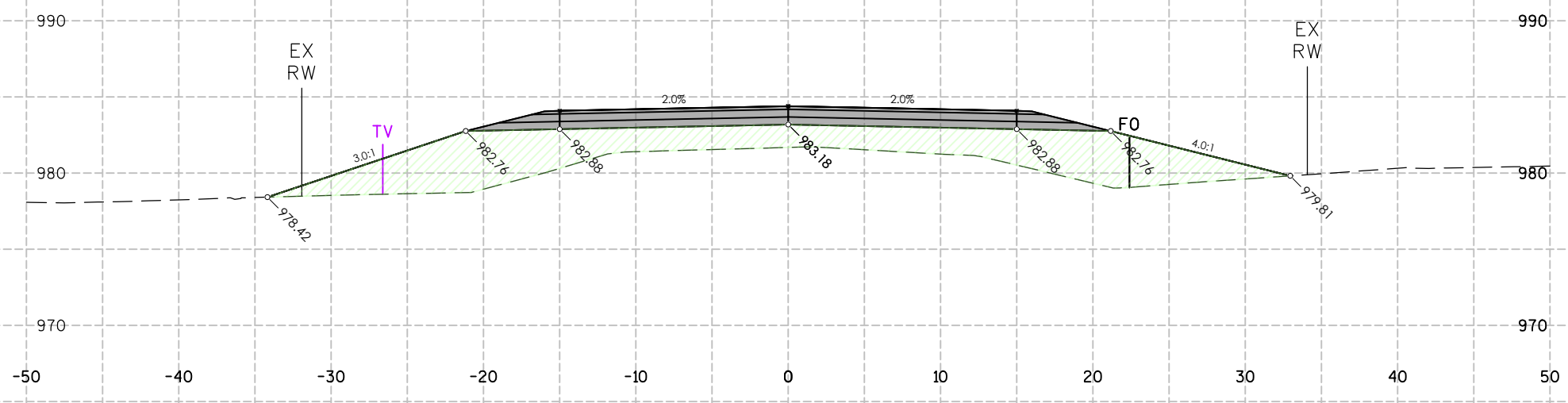
CUT/FILL STA:44+50.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	0.00	0	7.827
GROUND FILL	54.79	70	2,470

6

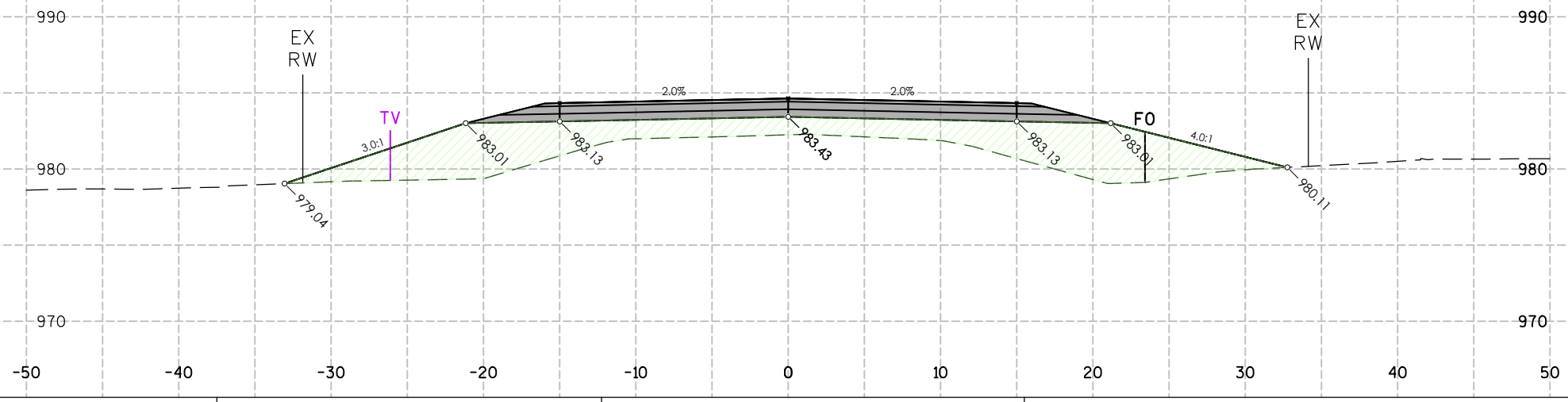
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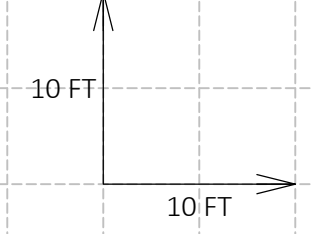
CUT/FILL STA:47+00.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	0.00	0	7.827
GROUND FILL	144.06	261	3,501



CUT/FILL STA:46+50.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	0.00	0	7.827
GROUND FILL	138.01	244	3,240

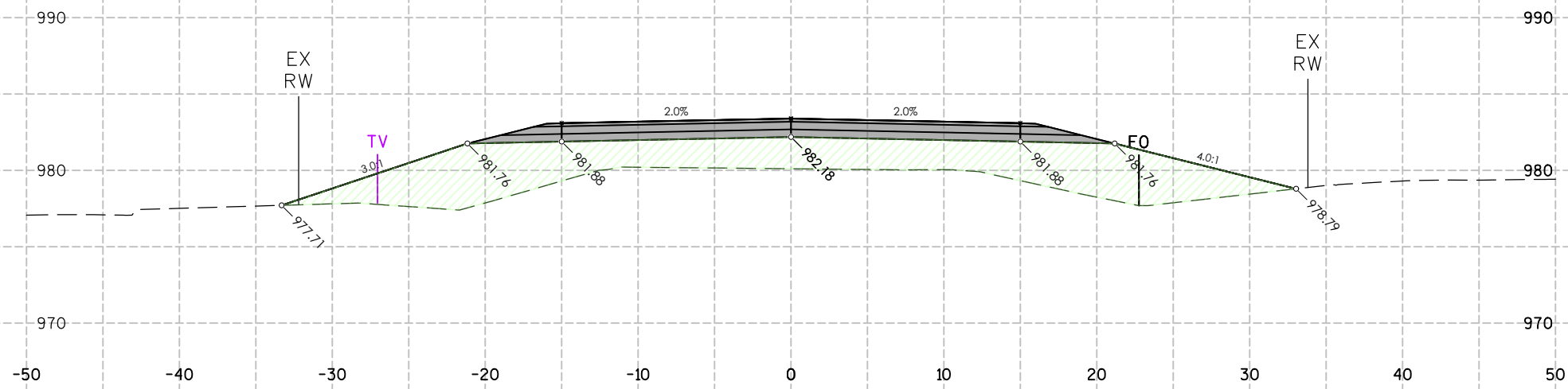


CUT/FILL STA:46+00.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	0.00	0	7.827
GROUND FILL	125.07	216	2,996

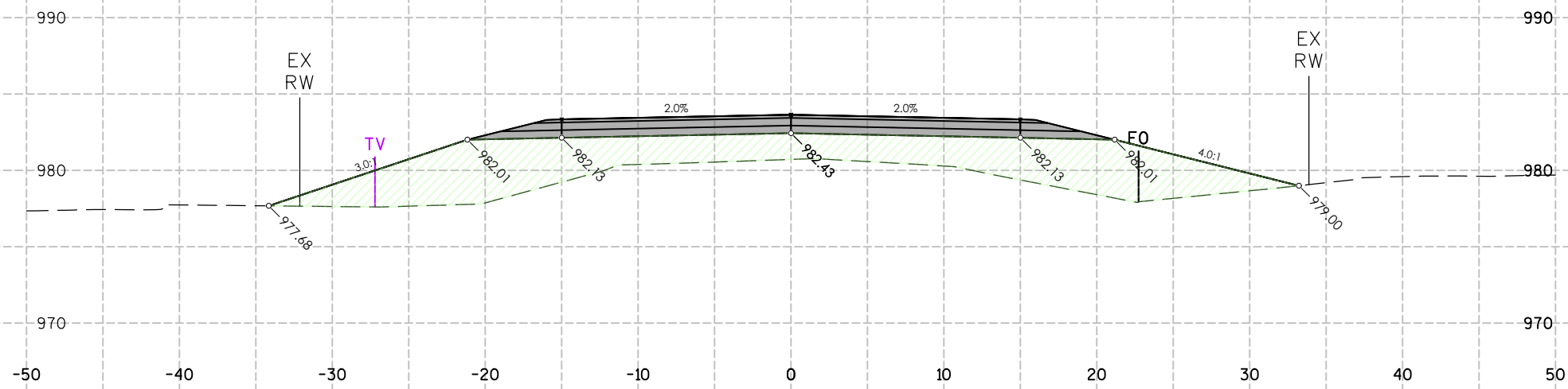


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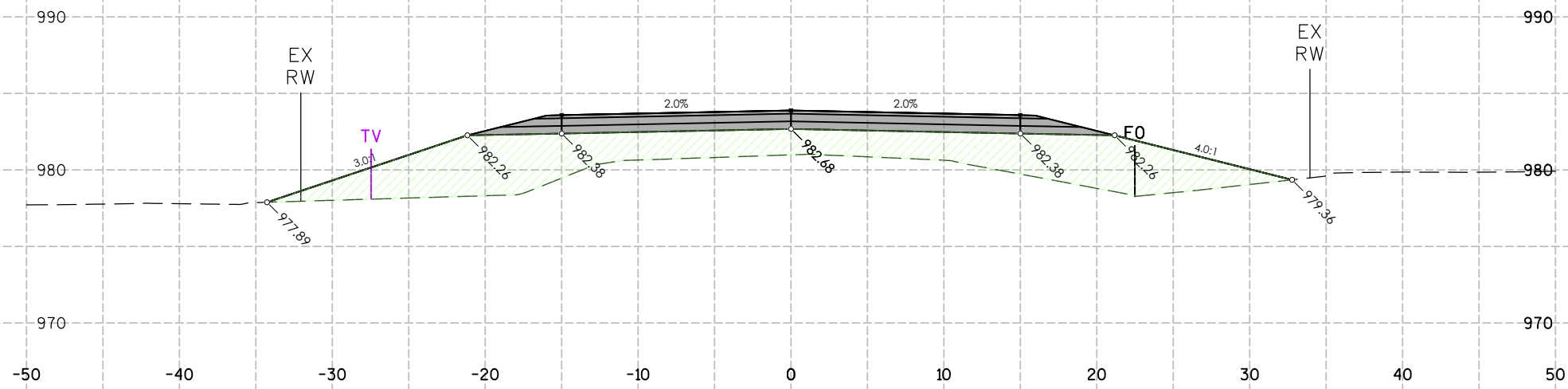
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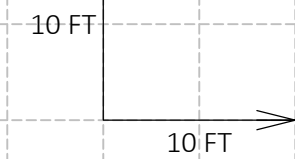
CUT/FILL STA:48+50.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	0.00	0	7.827
GROUND FILL	150.86	283	4,338



CUT/FILL STA:48+00.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	0.00	0	7.827
GROUND FILL	154.93	282	4,054

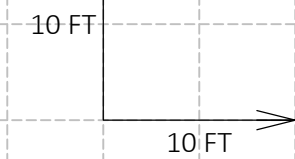
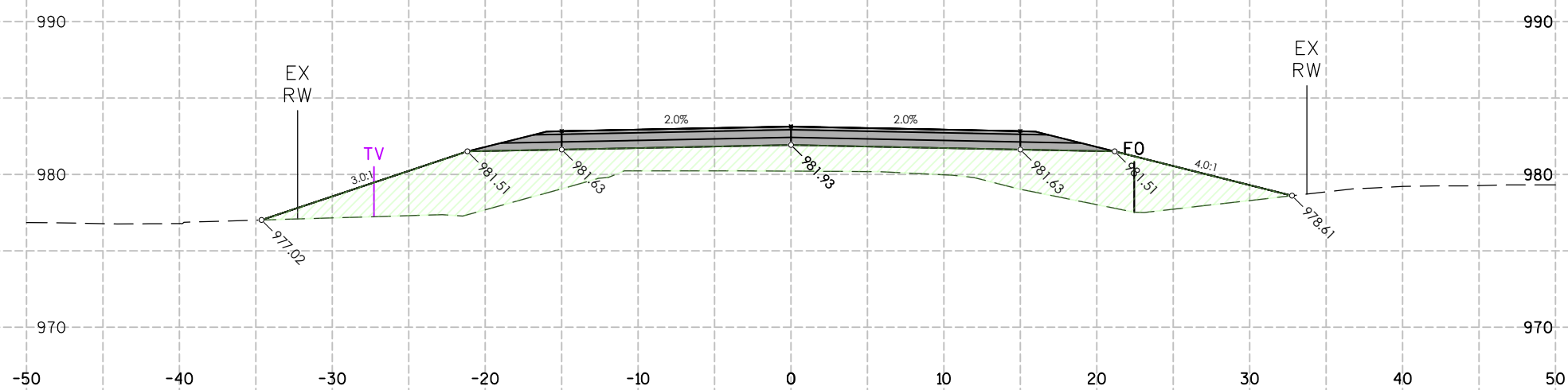
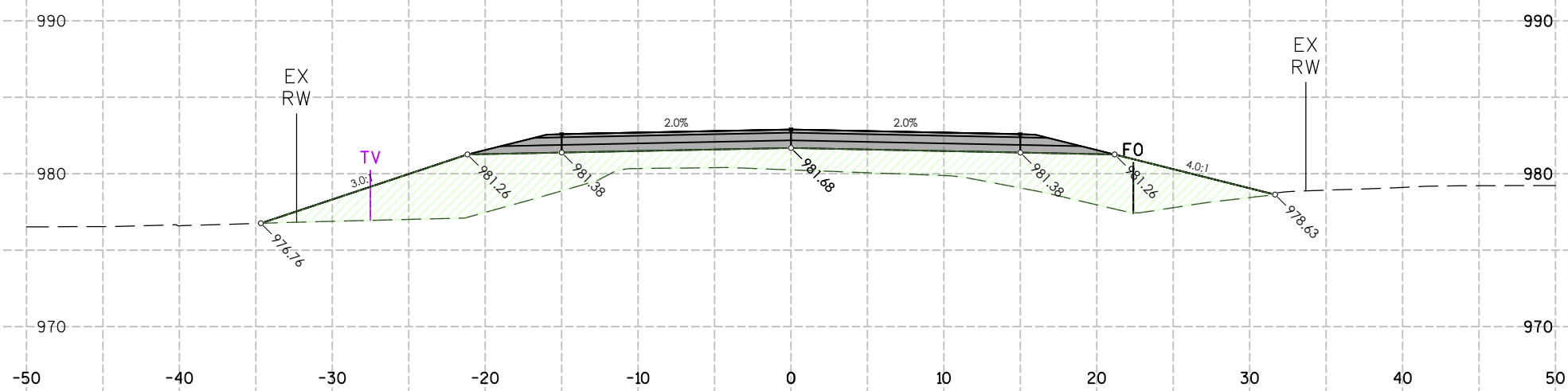
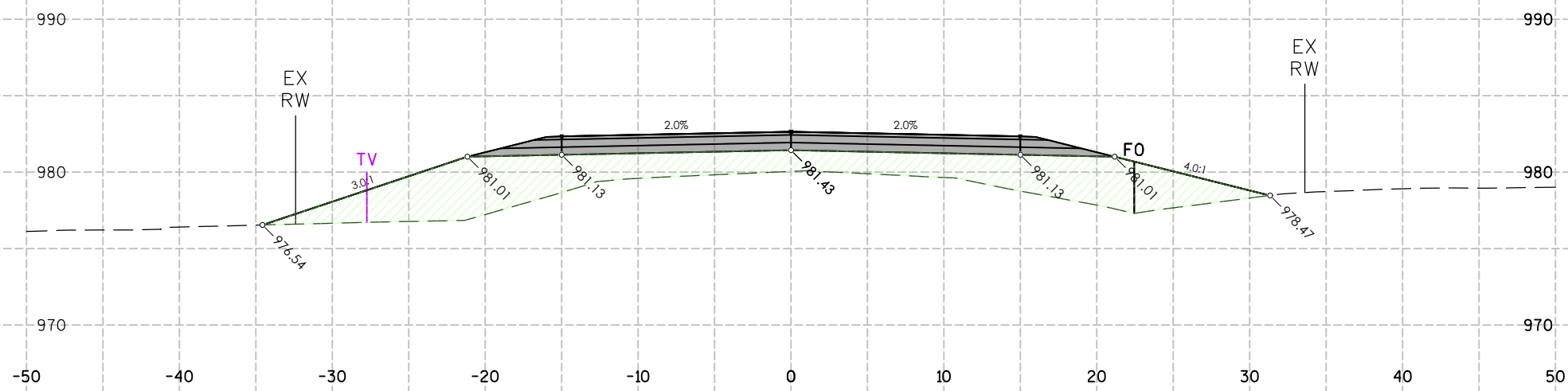


CUT/FILL STA:47+50.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	0.00	0	7.827
GROUND FILL	149.29	272	3,773



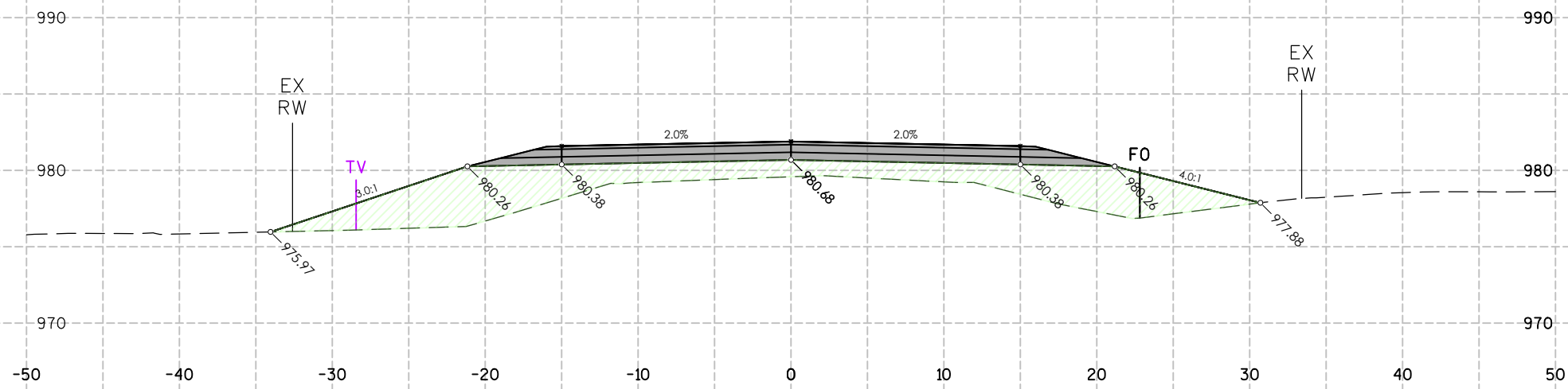
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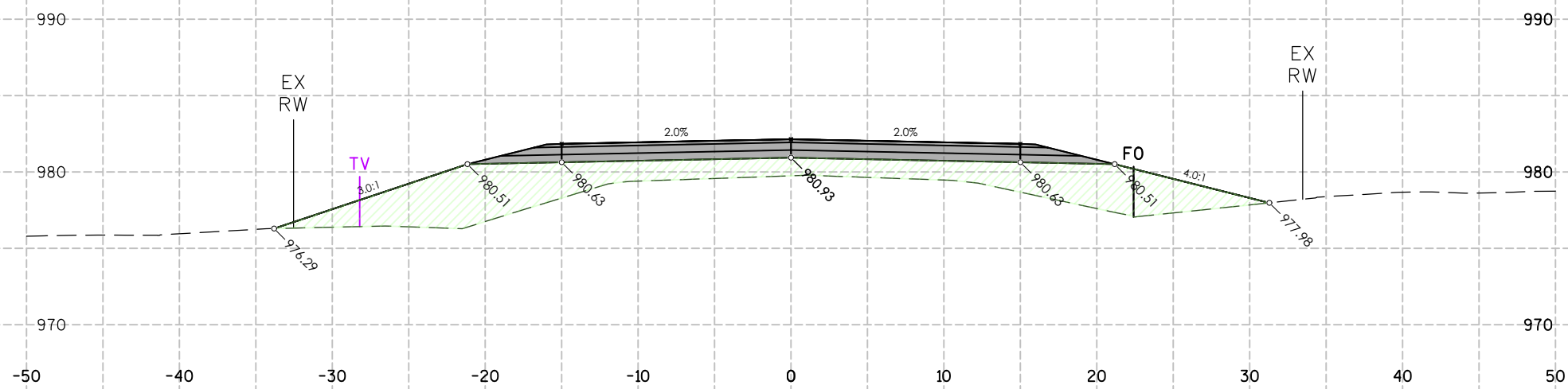


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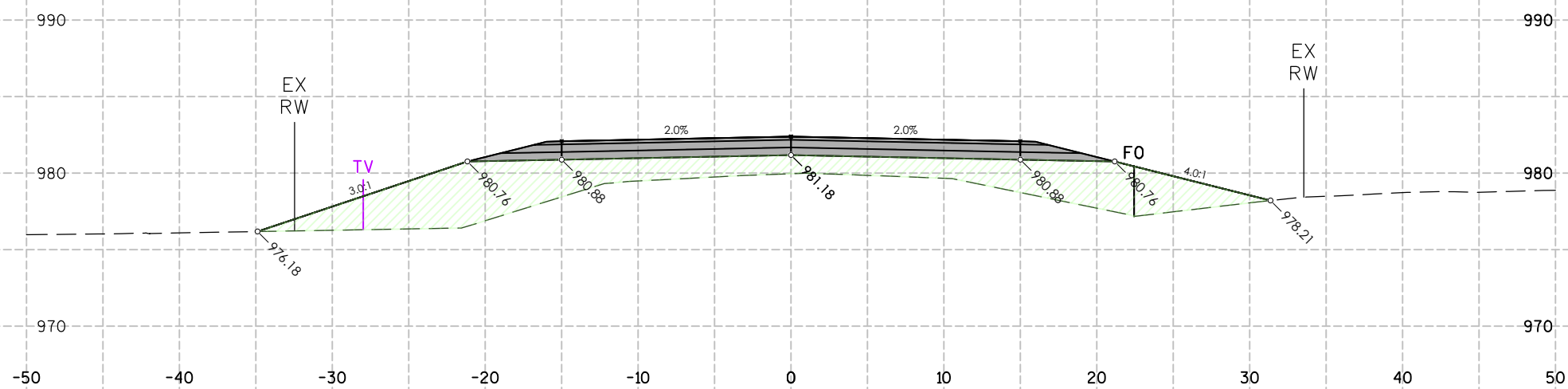
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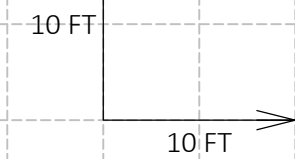
CUT/FILL STA:51+50.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	0.00	0	7.827
GROUND FILL	115.53	218	5,806

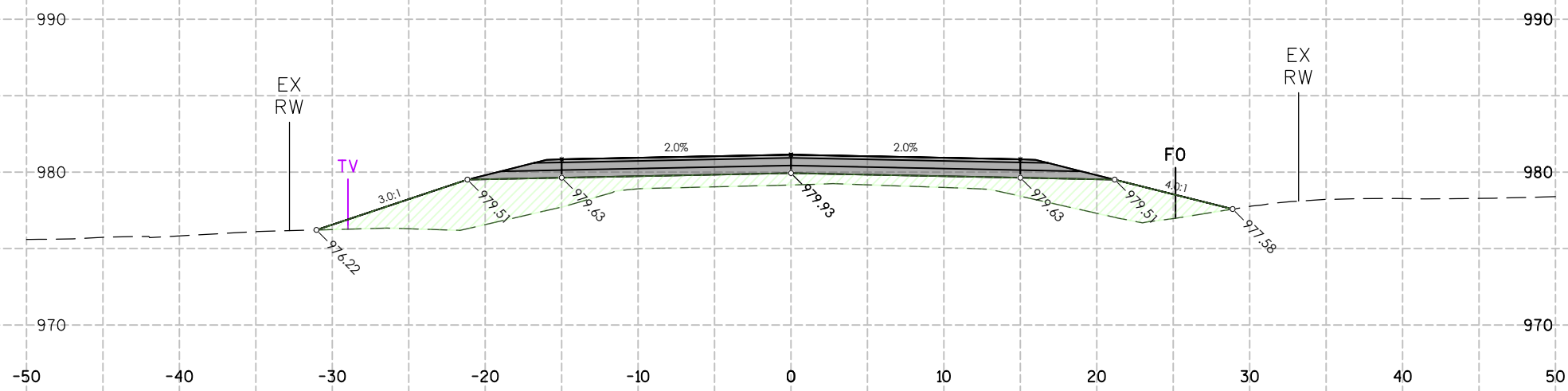


CUT/FILL STA:51+00.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	0.00	0	7.827
GROUND FILL	119.70	230	5,588

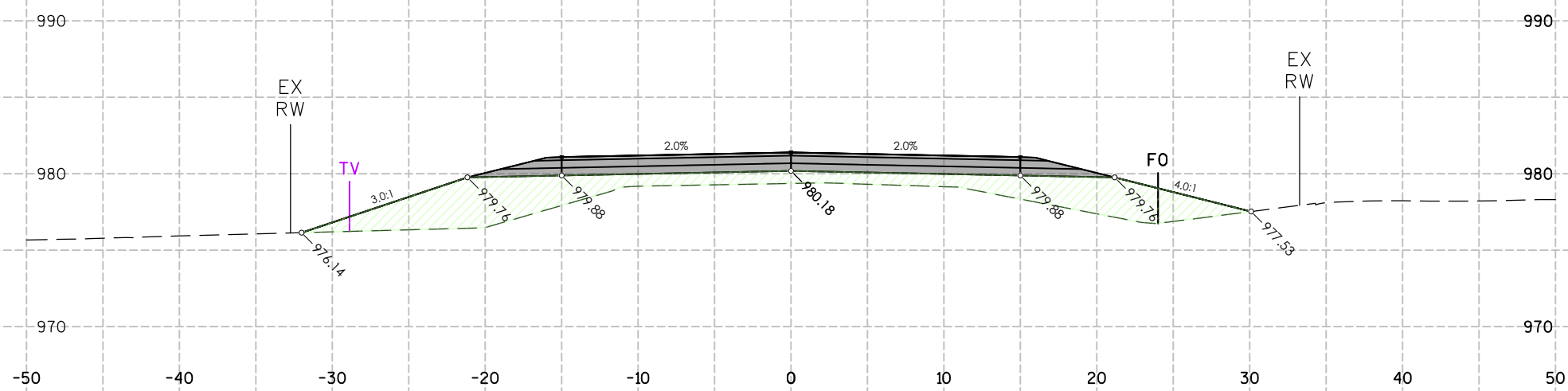


CUT/FILL STA:50+50.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	0.00	0	7.827
GROUND FILL	128.95	243	5,358

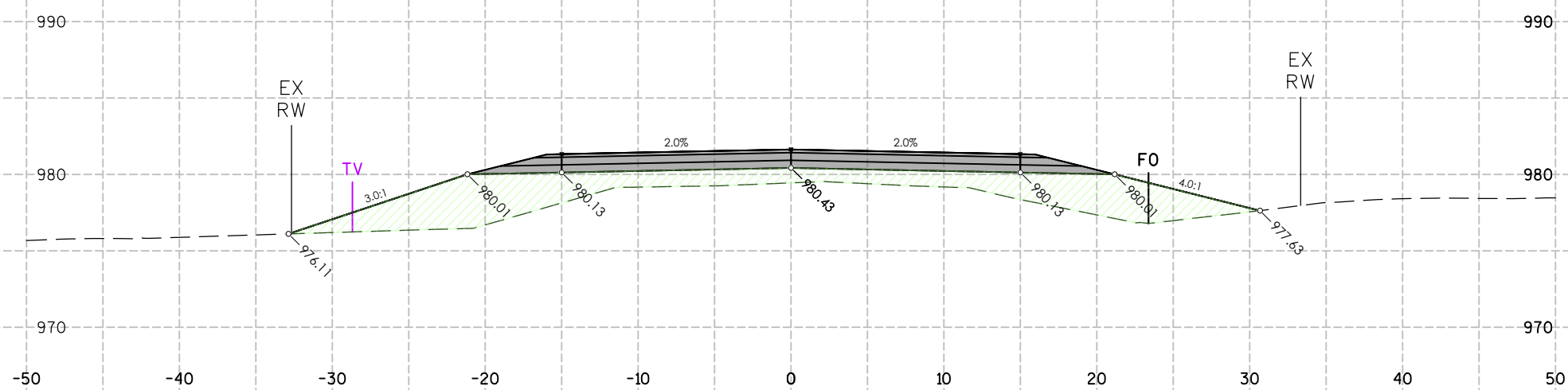




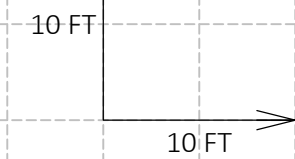
CUT/FILL STA:53+00.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	0.00	0	7.827
GROUND FILL	79.89	157	6.342

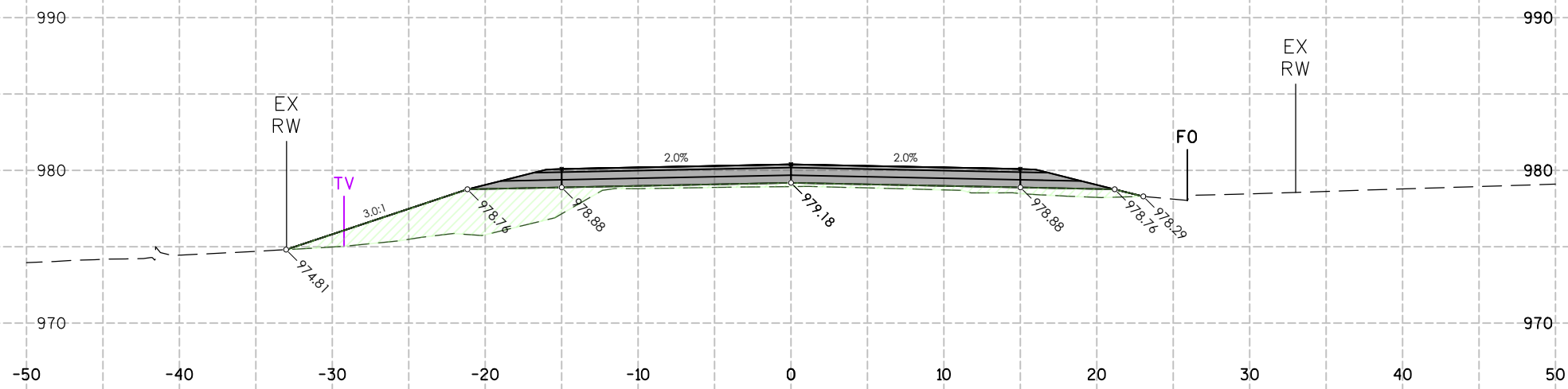


CUT/FILL STA:52+50.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	0.00	0	7.827
GROUND FILL	89.87	177	6.185

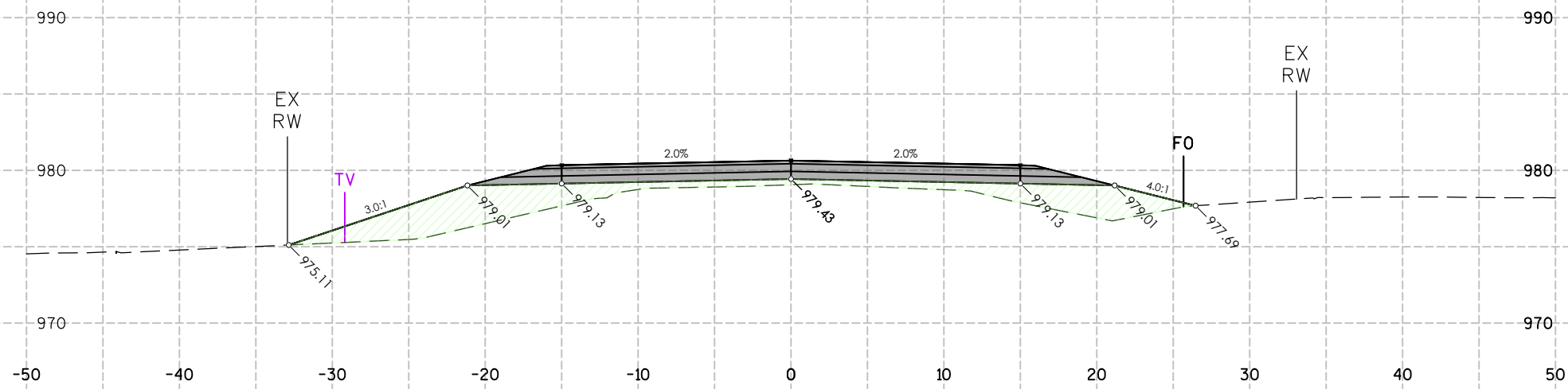


CUT/FILL STA:52+00.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	0.00	0	7.827
GROUND FILL	101.79	201	6.007

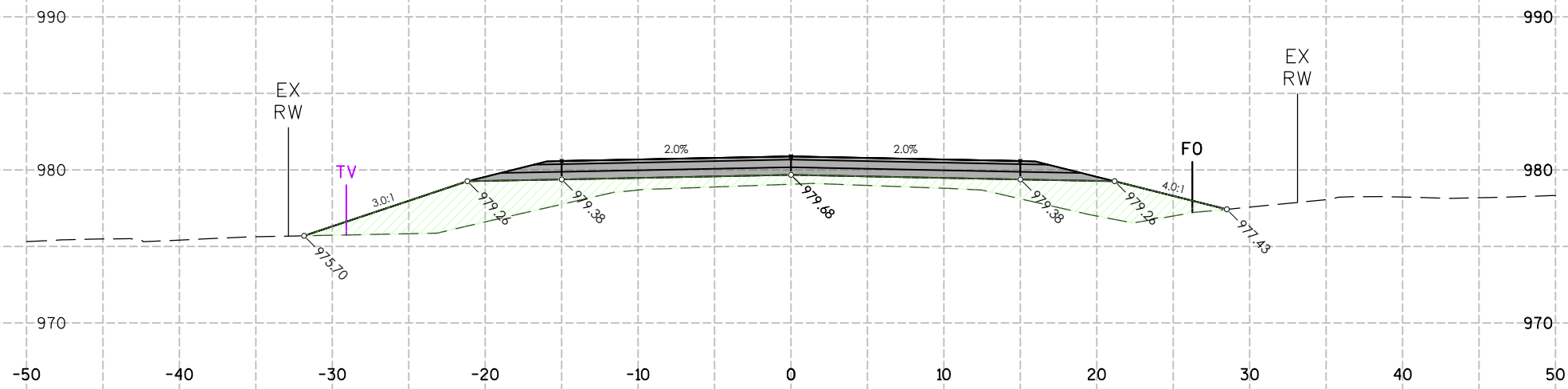




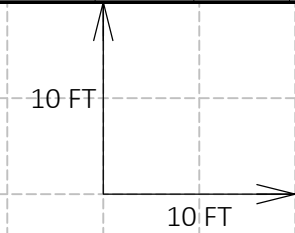
CUT/FILL STA:54+50.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	0.00	0	7,827
GROUND FILL	46.14	103	6,720



CUT/FILL STA:54+00.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	0.00	0	7,827
GROUND FILL	65.32	131	6,617

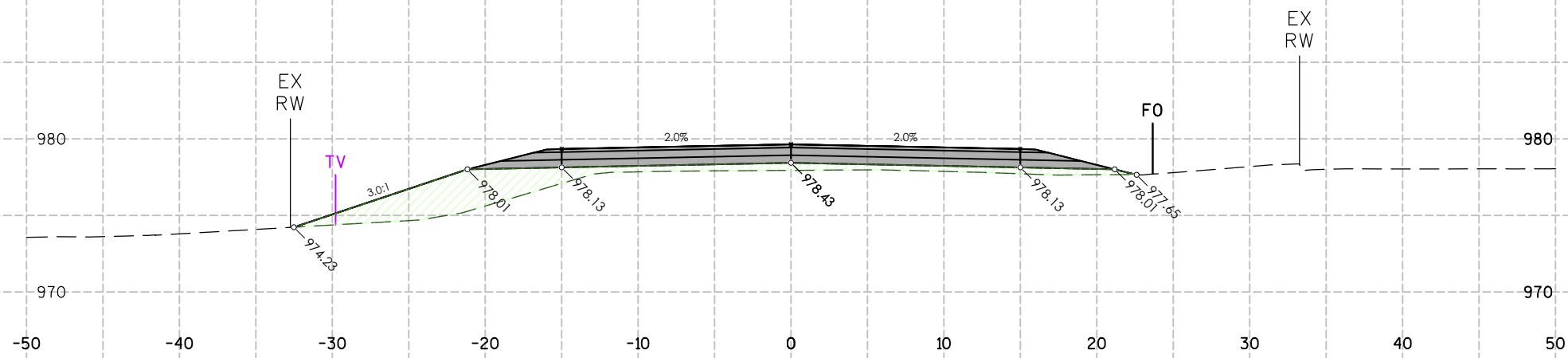


CUT/FILL STA:53+50.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	0.00	0	7,827
GROUND FILL	76.09	144	6,486

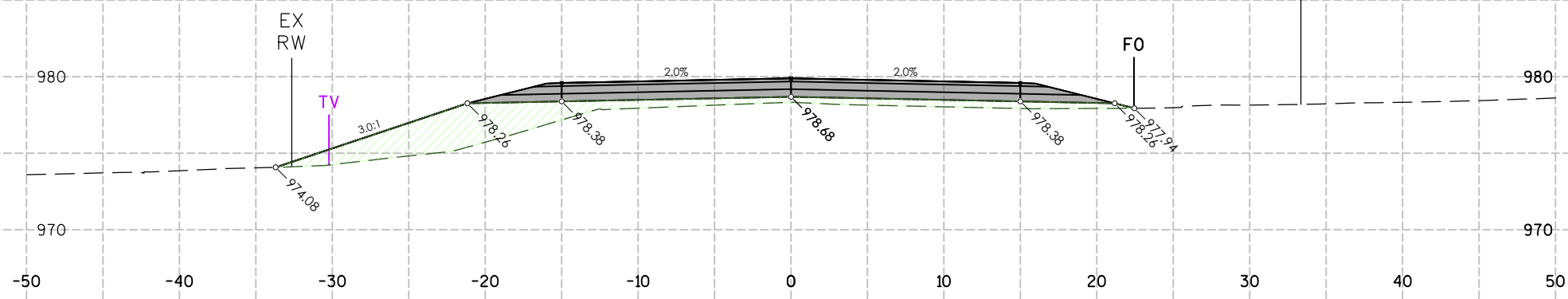


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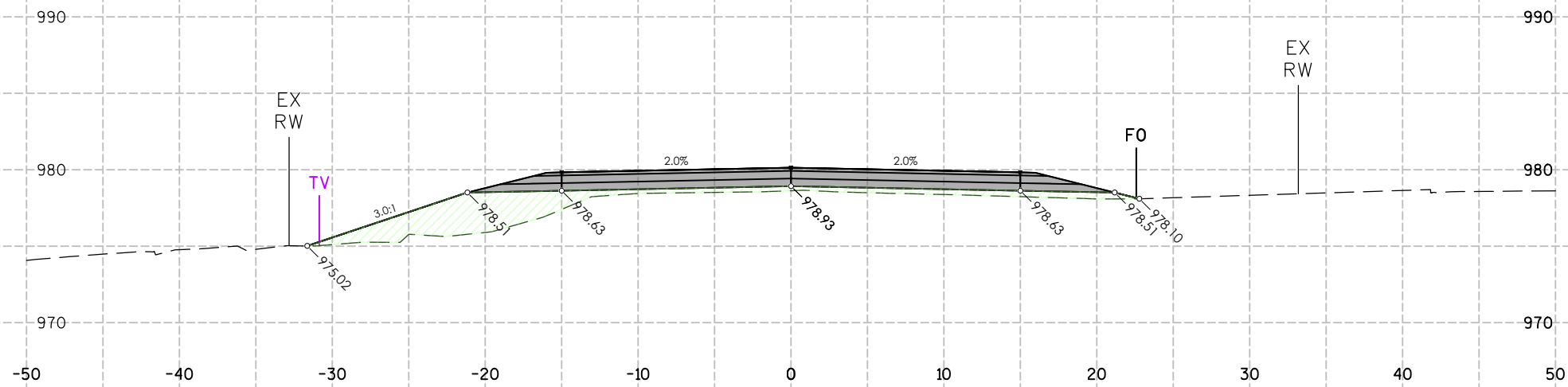
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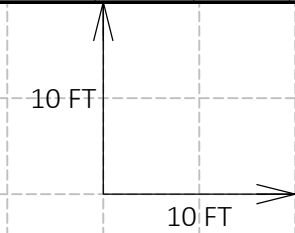
CUT/FILL STA:56+00.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	0.00	0	7.827
GROUND FILL	44.48	87	6.973



CUT/FILL STA:55+50.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	0.00	0	7.827
GROUND FILL	49.79	84	6.886



CUT/FILL STA:55+00.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	0.00	0	7.827
GROUND FILL	41.35	81	6.801

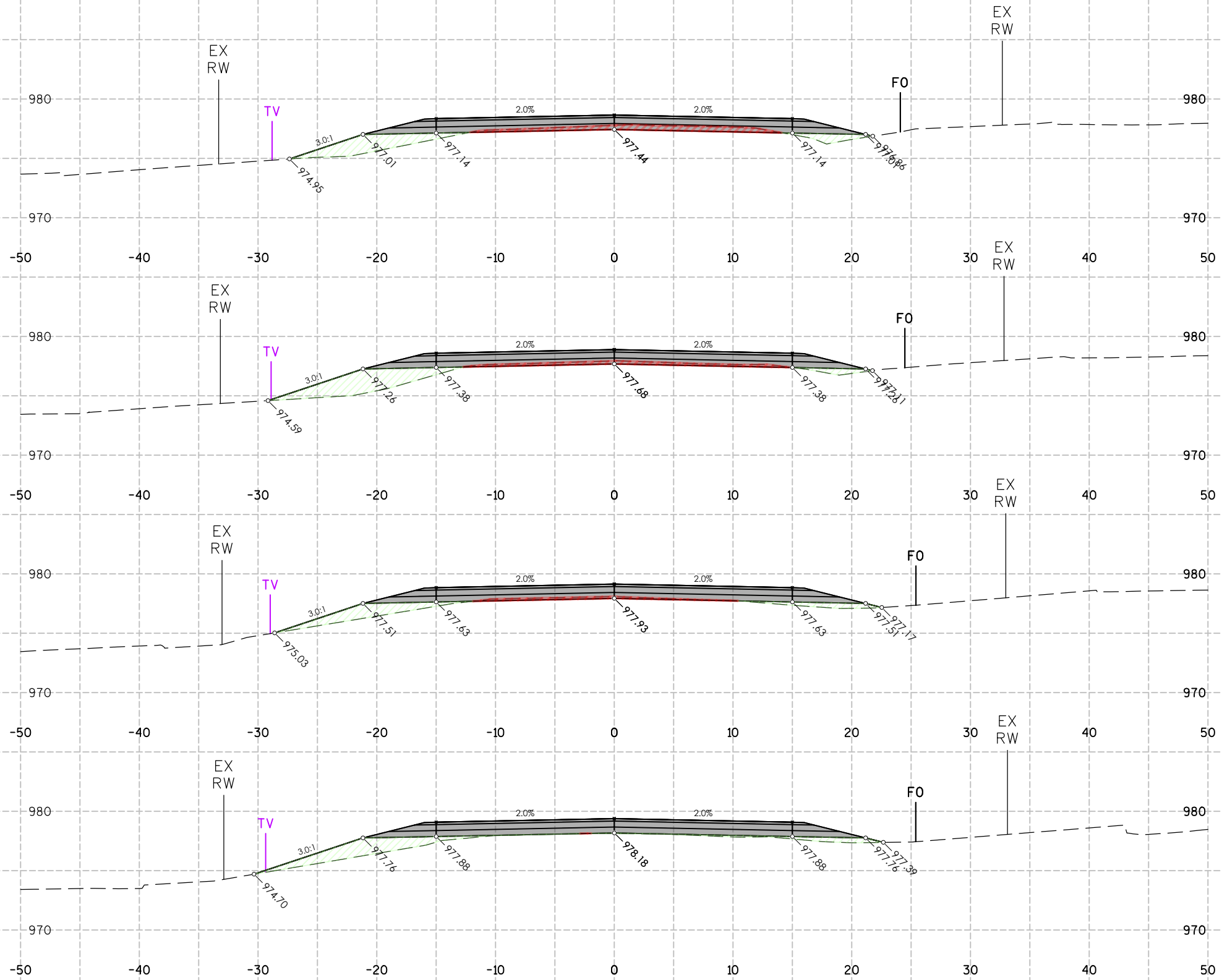


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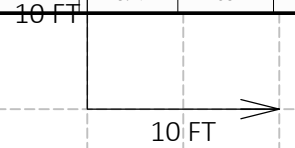


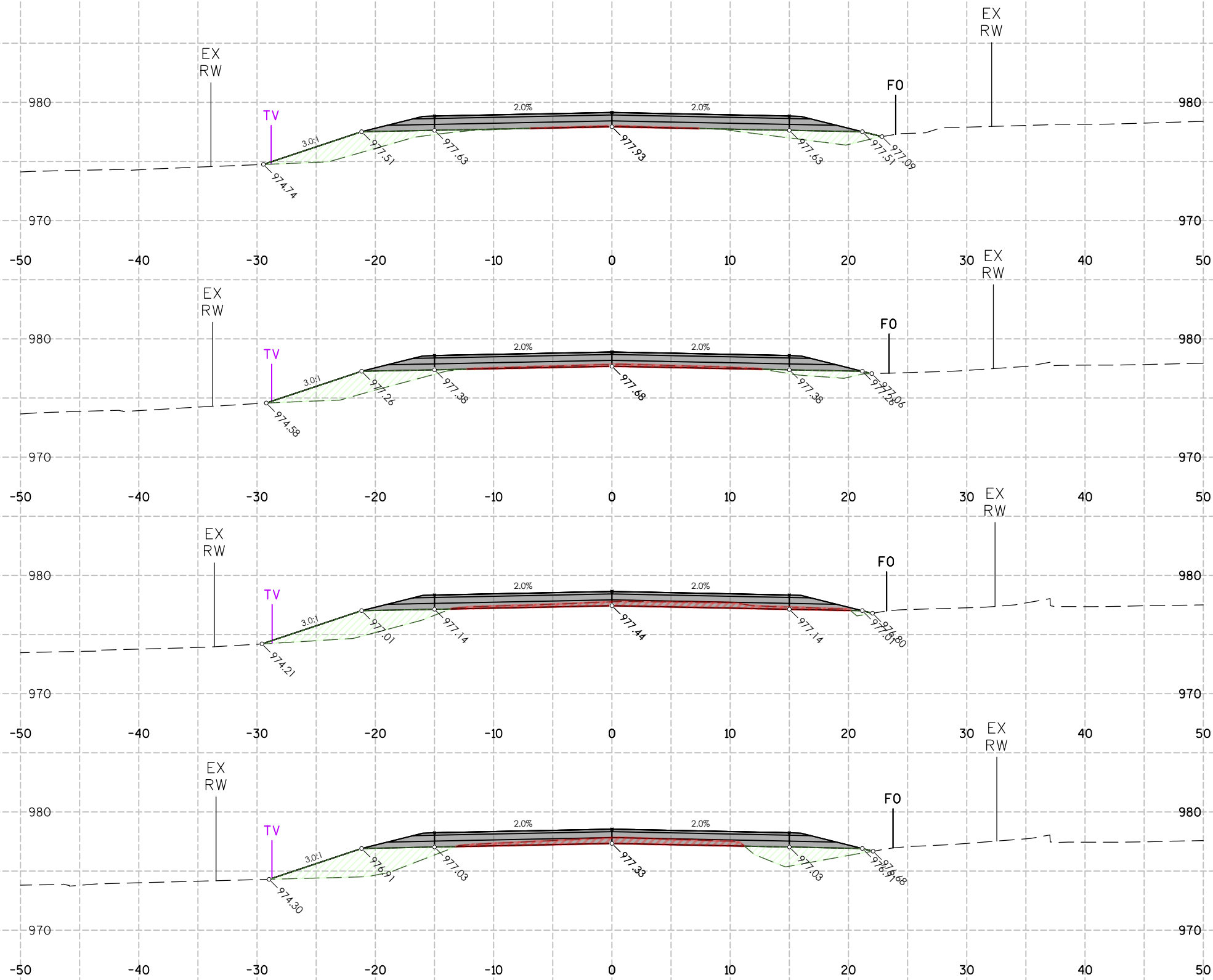
CUT/FILL STA:58+00.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	7.97	12	7,849
GROUND FILL	15.79	33	7,124

CUT/FILL STA:57+50.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	5.22	7	7,837
GROUND FILL	19.93	31	7,091

CUT/FILL STA:57+00.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	2.54	2	7,830
GROUND FILL	13.45	29	7,060

CUT/FILL STA:56+50.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	0.00	0	7,827
GROUND FILL	18.17	58	7,031



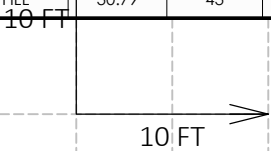


CUT/FILL STA:60+00.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	0.61	3	7,896
GROUND FILL	24.10	41	7,290

CUT/FILL STA:59+50.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	3.05	11	7,893
GROUND FILL	19.94	36	7,250

CUT/FILL STA:59+00.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	9.17	17	7,882
GROUND FILL	19.02	46	7,214

CUT/FILL STA:58+50.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	8.96	16	7,865
GROUND FILL	30.79	43	7,167

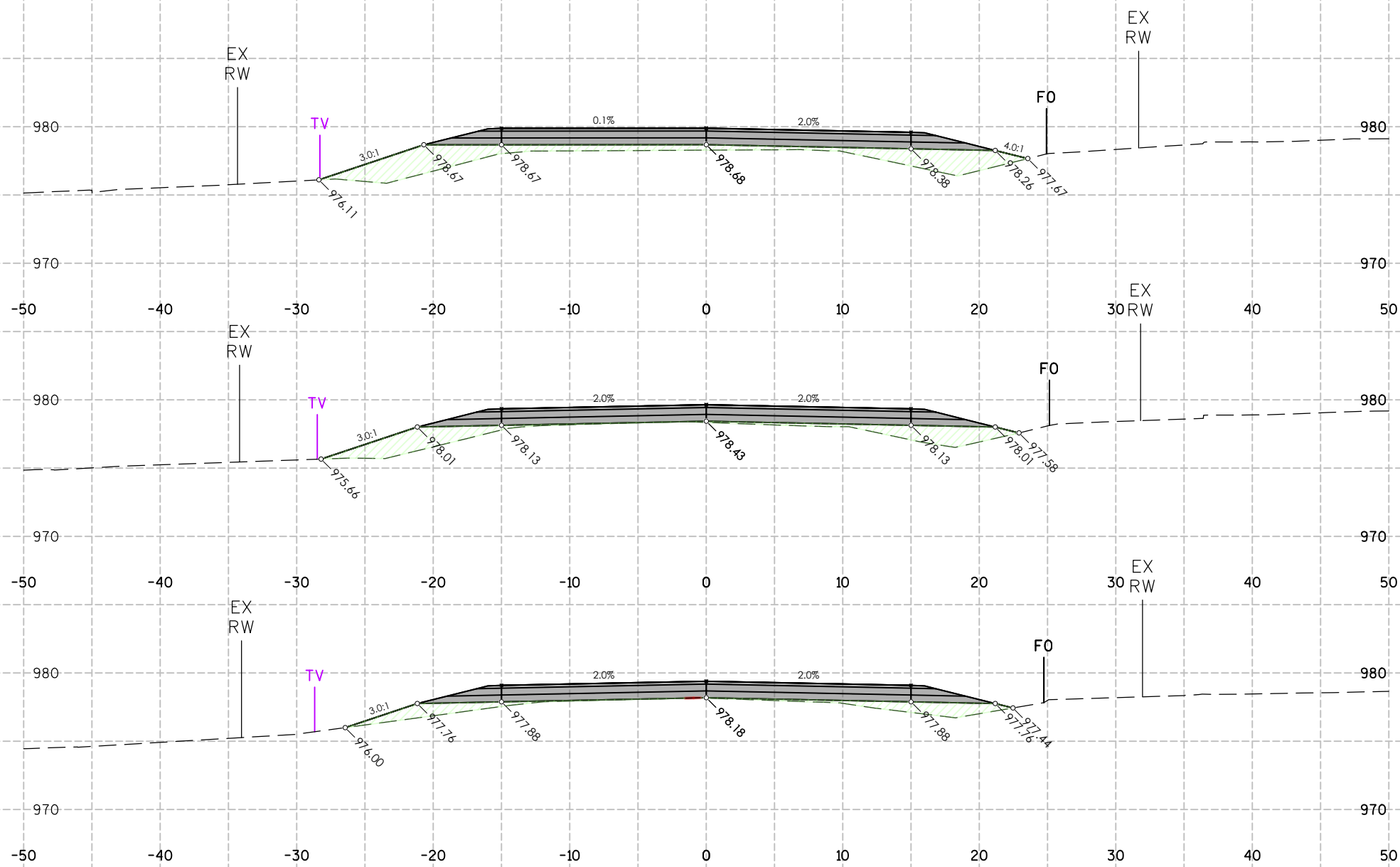


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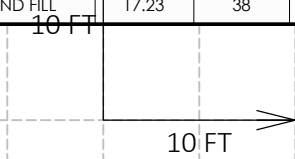
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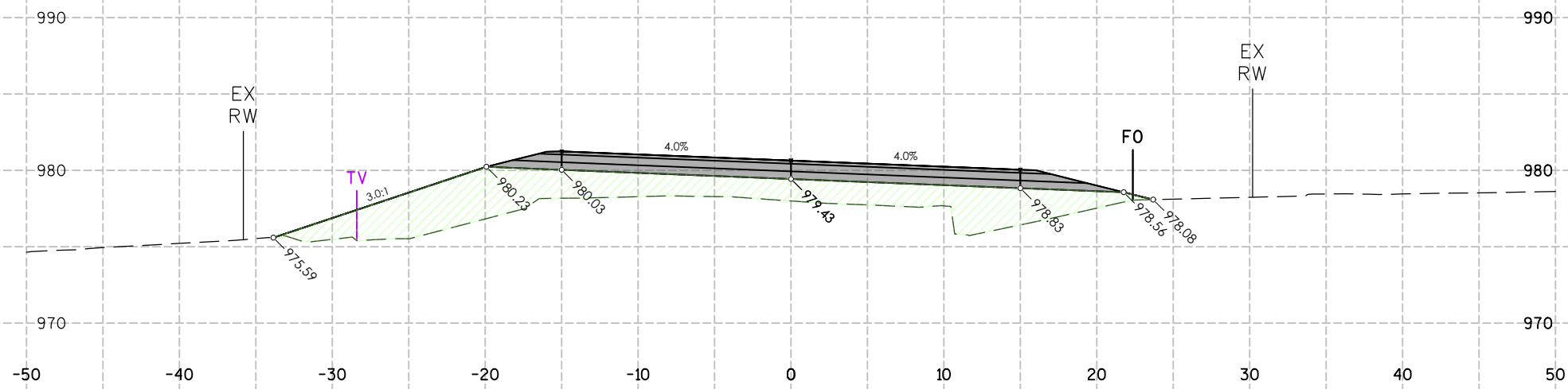


CUT/FILL STA:61+50.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	0.00	0	7,897
GROUND FILL	42.34	65	7,435

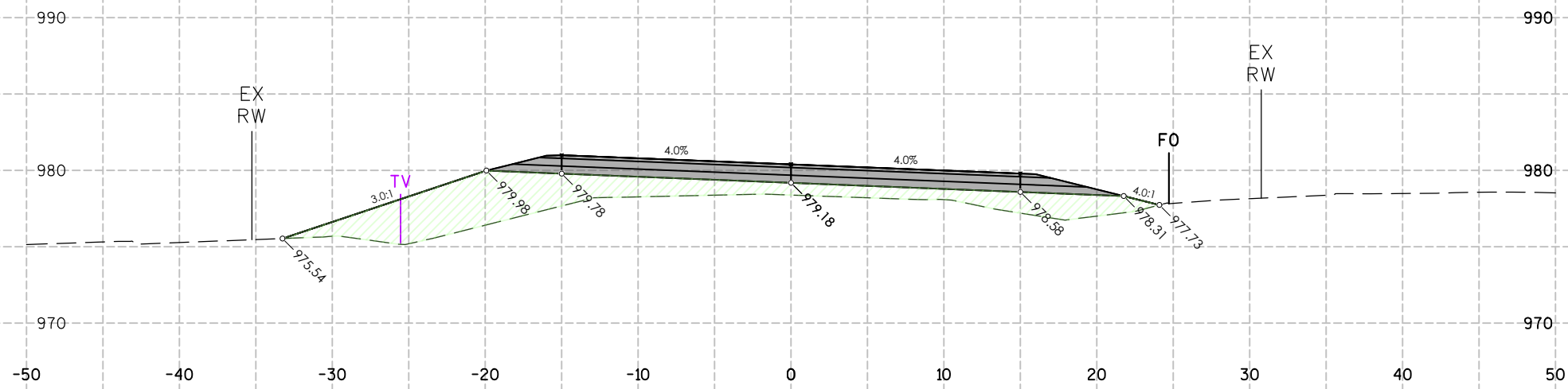
CUT/FILL STA:61+00.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	0.00	0	7,897
GROUND FILL	27.76	42	7,370

CUT/FILL STA:60+50.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	0.00	1	7,897
GROUND FILL	17.23	38	7,329

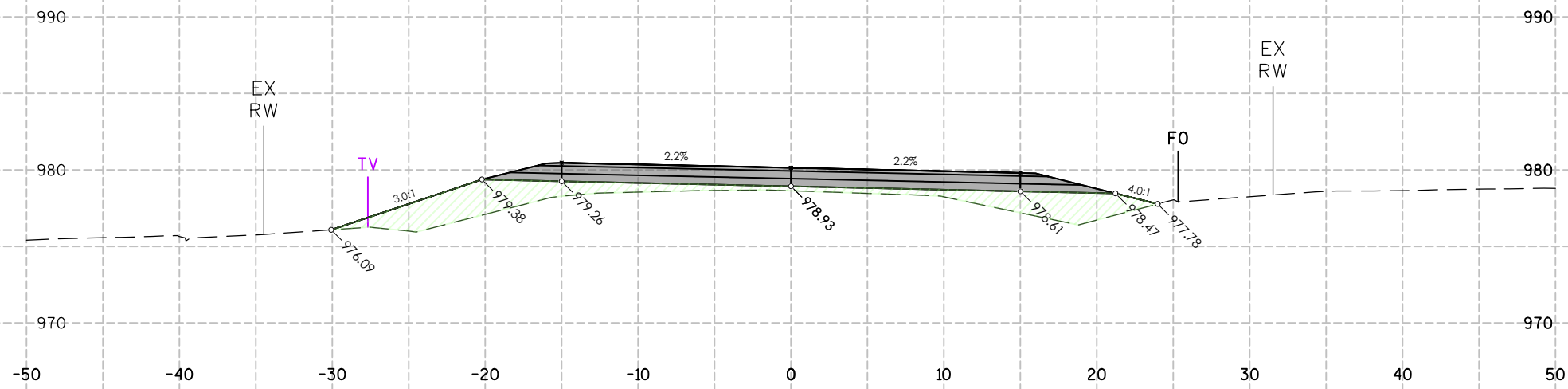




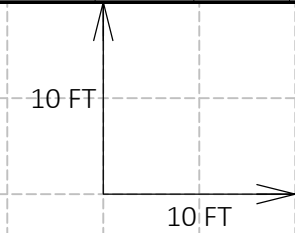
CUT/FILL STA:63+00.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	0.00	0	7,897
GROUND FILL	104.77	178	7,827



CUT/FILL STA:62+50.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	0.00	0	7,897
GROUND FILL	84.88	127	7,649

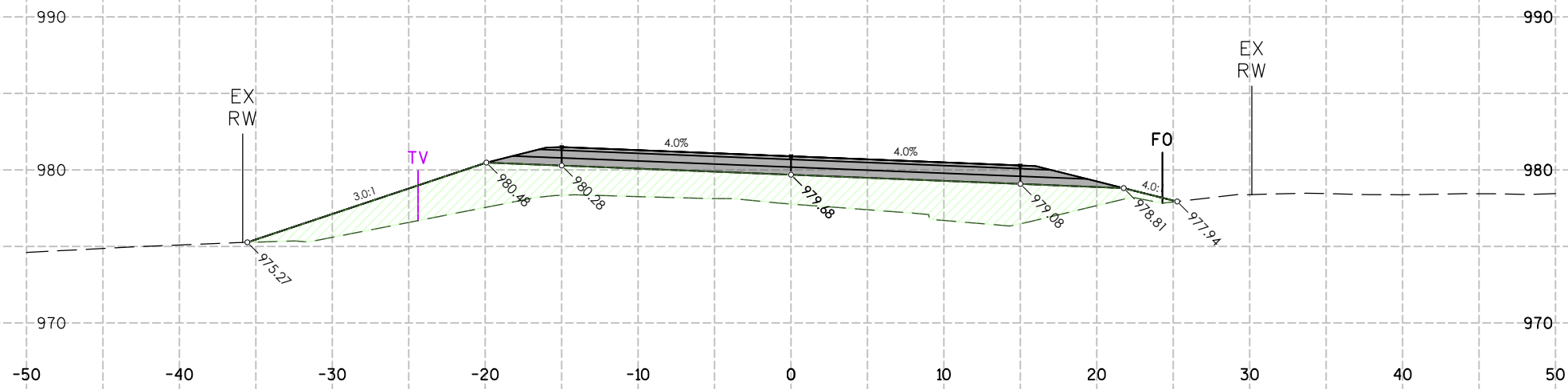
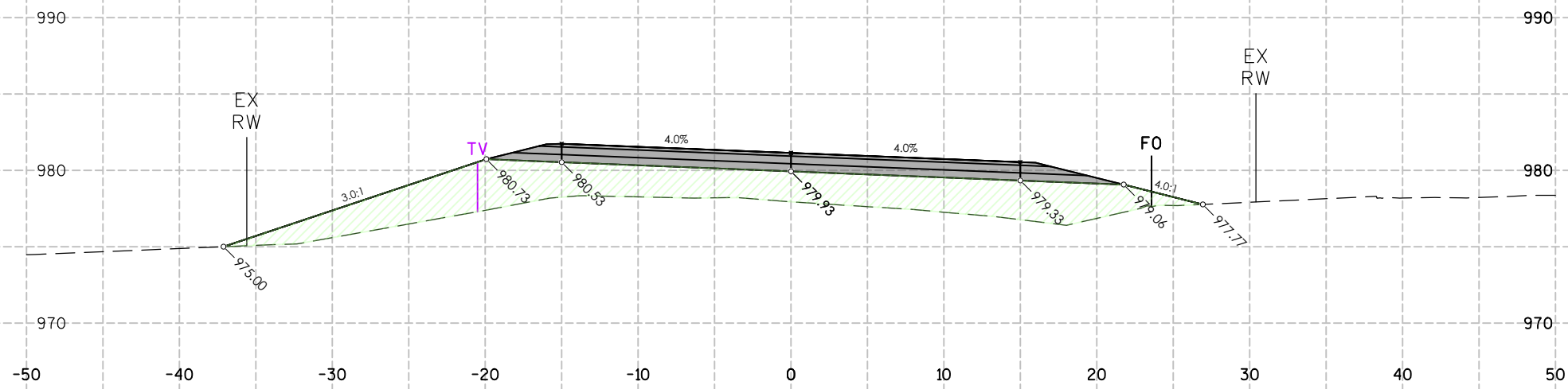
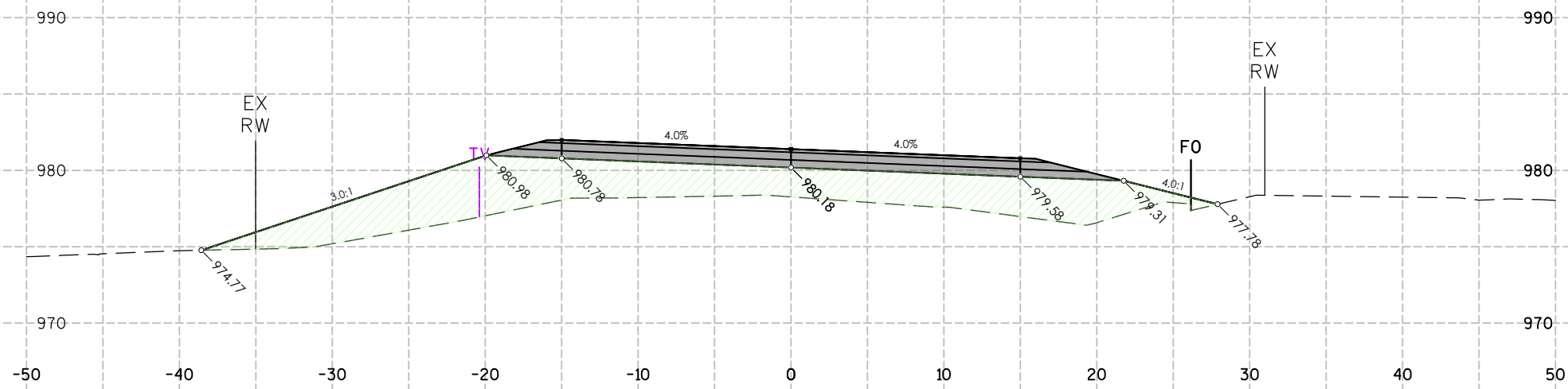


CUT/FILL STA:62+00.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	0.00	0	7,897
GROUND FILL	51.49	87	7,522



6

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CUT/FILL STA:64+50.00

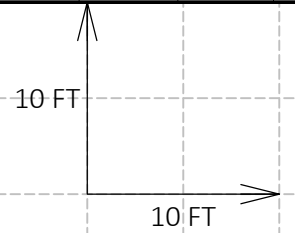
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	0.00	0	7,897
GROUND FILL	150.14	262	8,520

CUT/FILL STA:64+00.00

ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	0.00	0	7,897
GROUND FILL	130.80	227	8,258

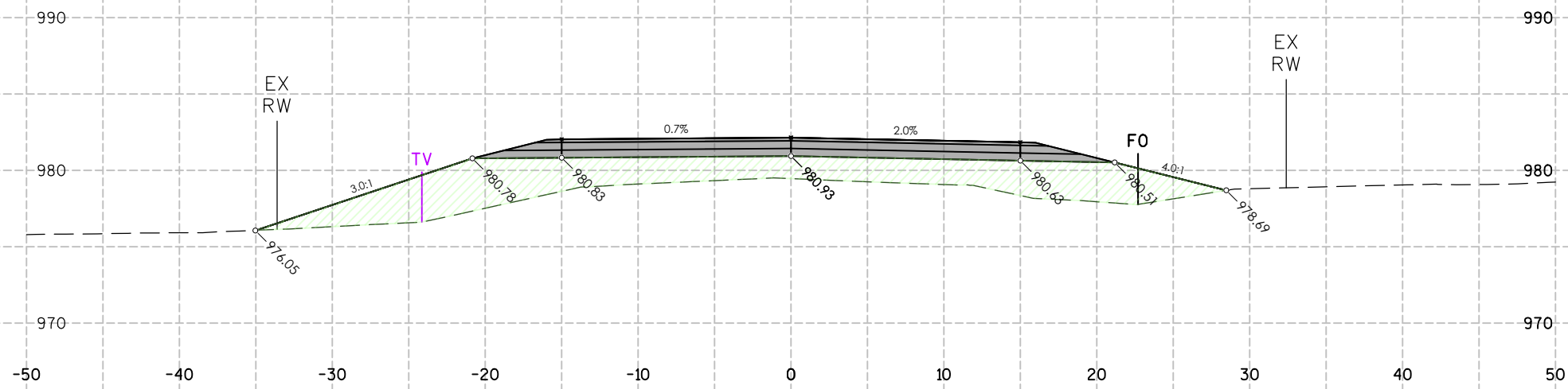
CUT/FILL STA:63+50.00

ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	0.00	0	7,897
GROUND FILL	113.07	203	8,030

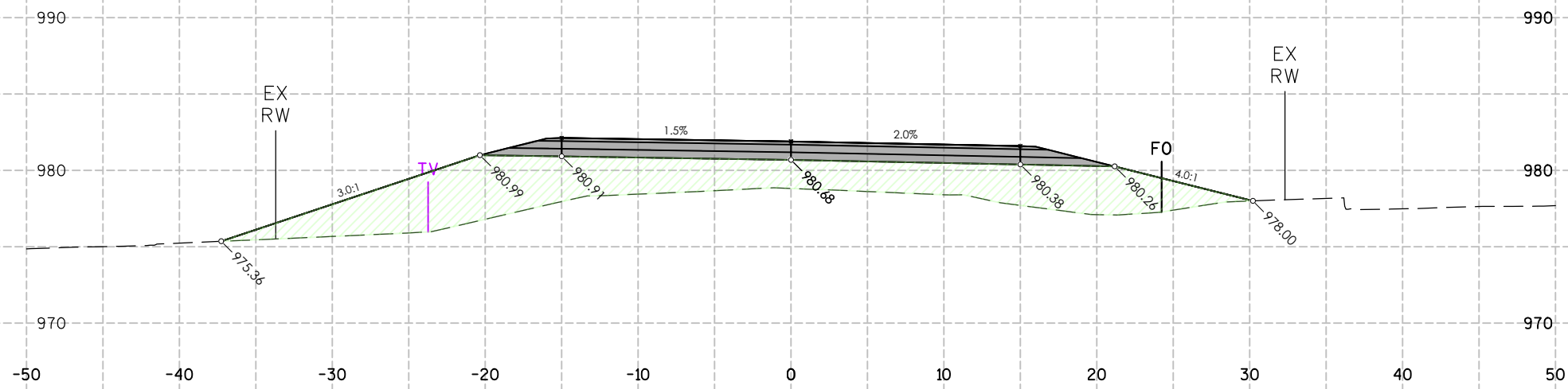


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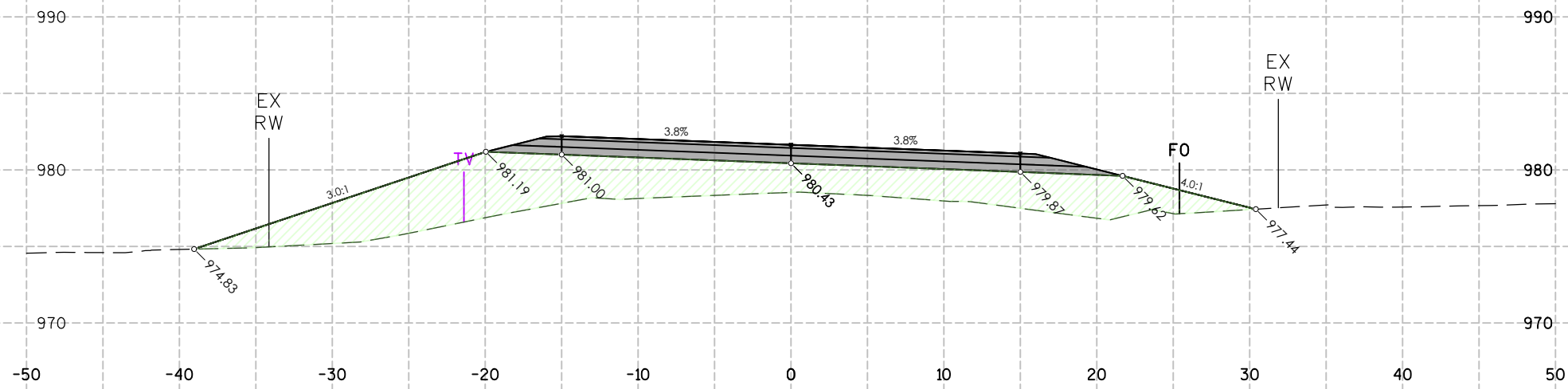
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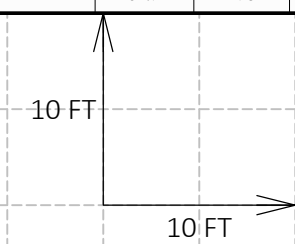
CUT/FILL STA:66+00.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	0.00	0	7,897
GROUND FILL	120.49	258	9,369

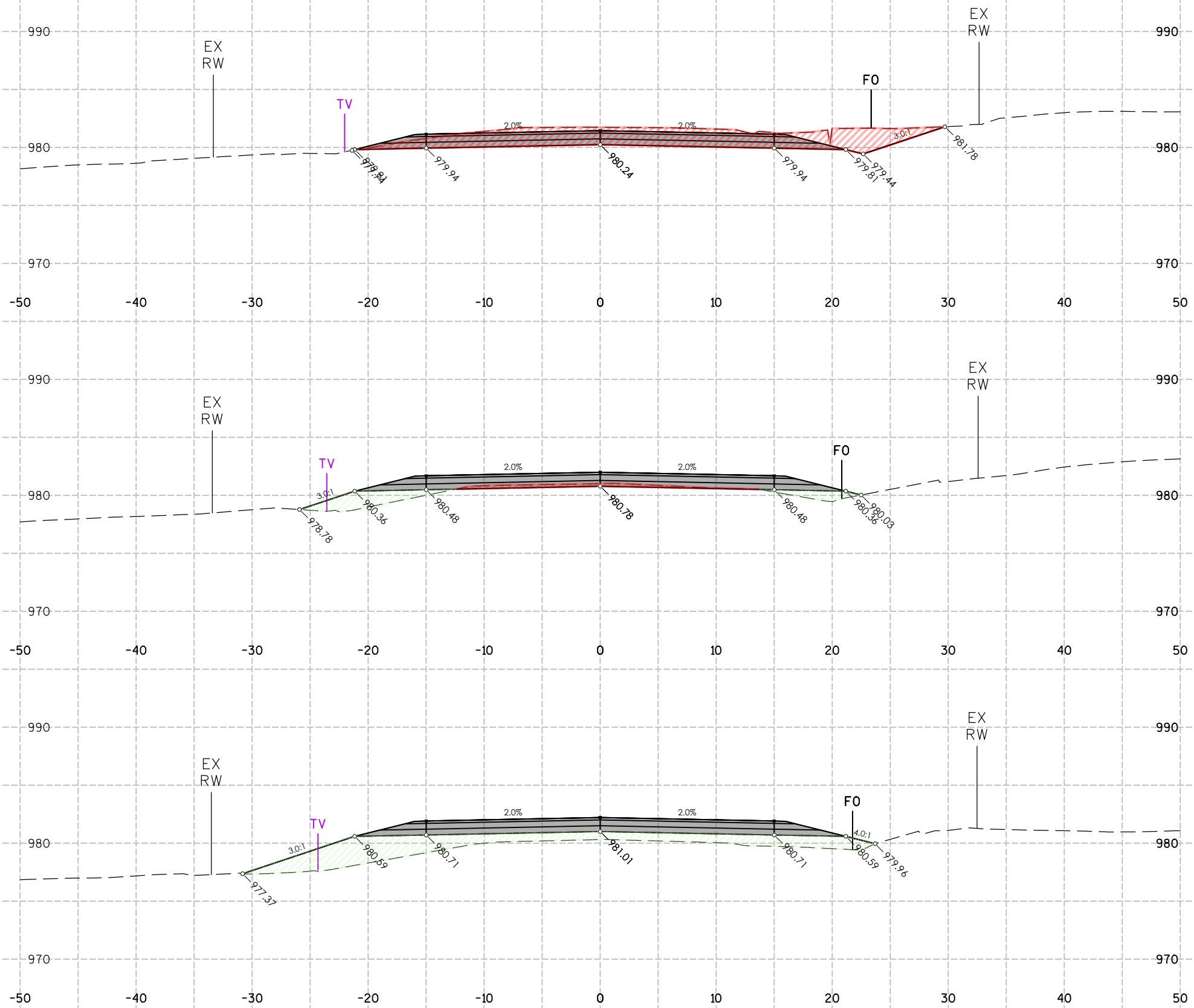


CUT/FILL STA:65+50.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	0.00	0	7,897
GROUND FILL	157.79	298	9,111



CUT/FILL STA:65+00.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	0.00	0	7,897
GROUND FILL	162.94	293	8,813





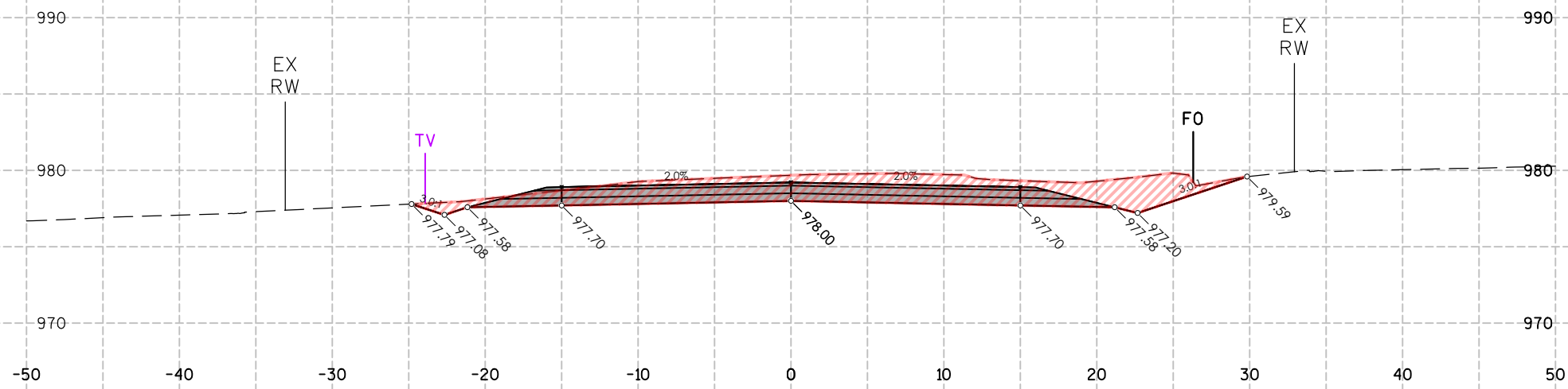
CUT/FILL STA:67+50.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	65.61	65	7,966
GROUND FILL	0.01	14	9,618

CUT/FILL STA:67+00.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	4.72	4	7,901
GROUND FILL	15.51	69	9,603

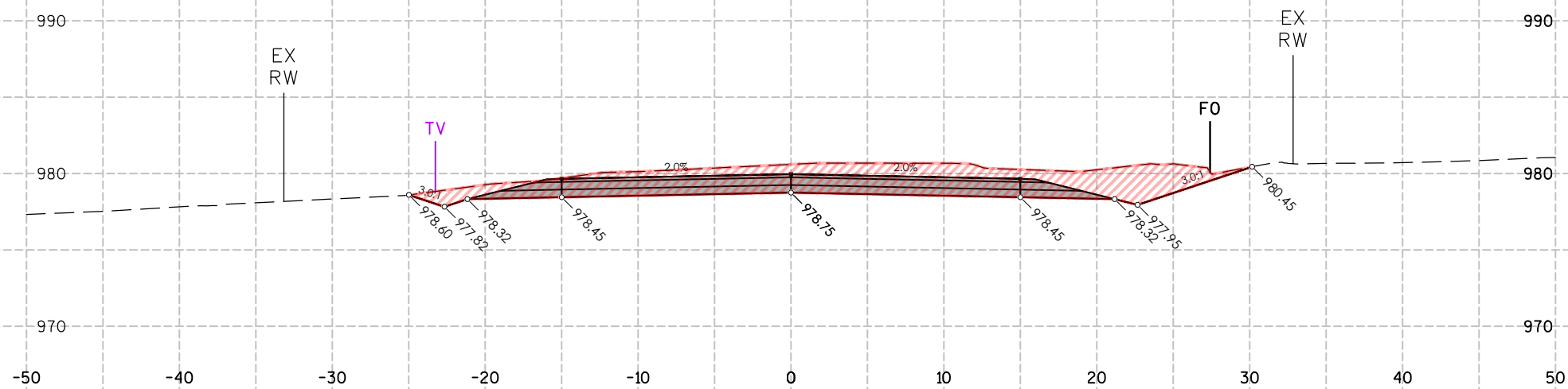
CUT/FILL STA:66+50.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	0.00	0	7,897
GROUND FILL	58.79	166	9,535

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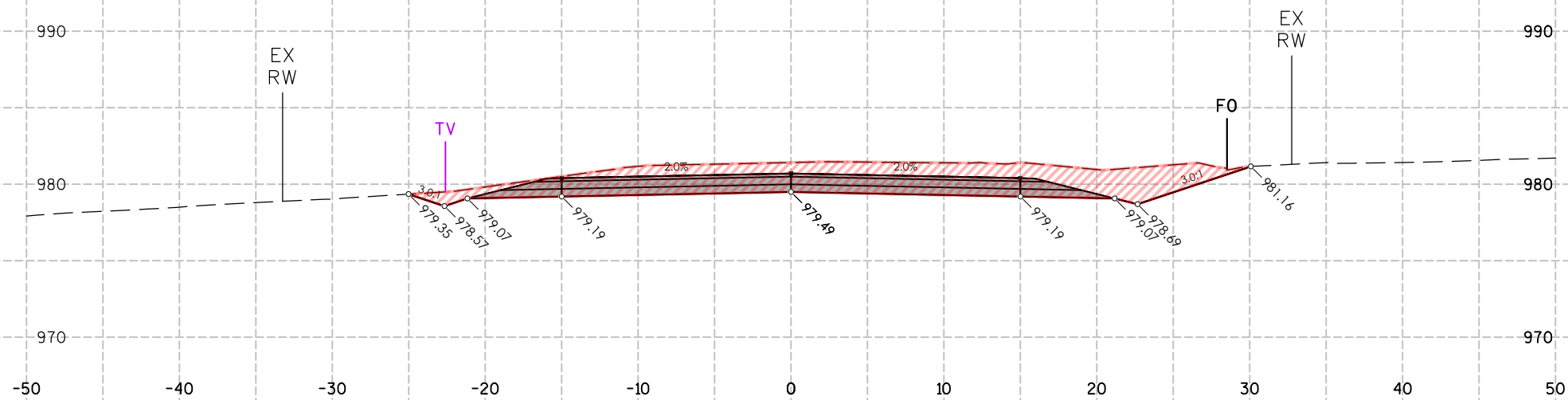
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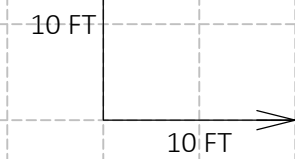
CUT/FILL STA:69+00.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	76.20	152	8,429
GROUND FILL	0.00	0	9,618



CUT/FILL STA:68+50.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	87.62	166	8,278
GROUND FILL	0.00	0	9,618

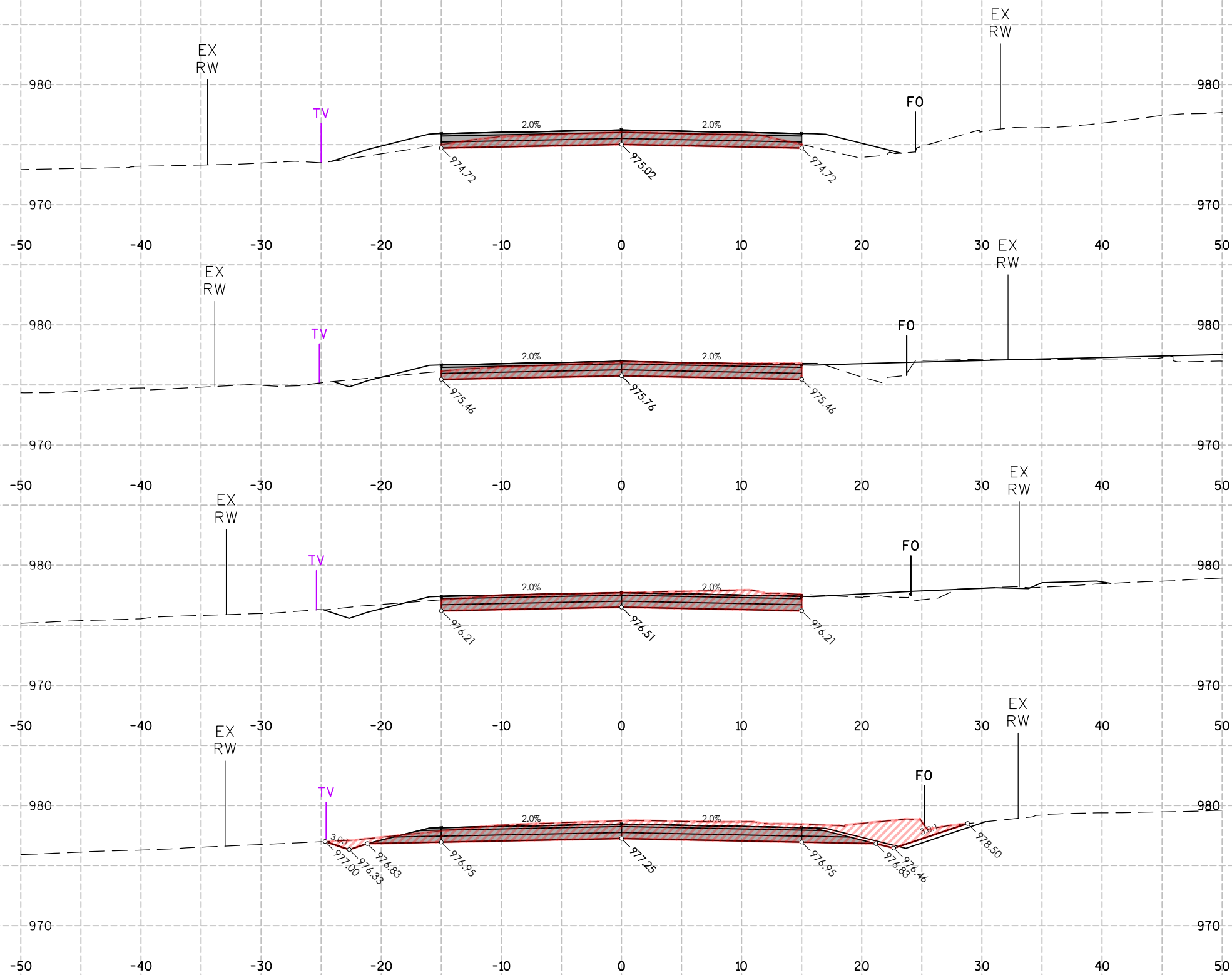


CUT/FILL STA:68+00.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	91.49	145	8,112
GROUND FILL	0.00	0	9,618



6

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CUT/FILL STA:71+00.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	26.39	55	8,781
GROUND FILL	0.00	0	9,618

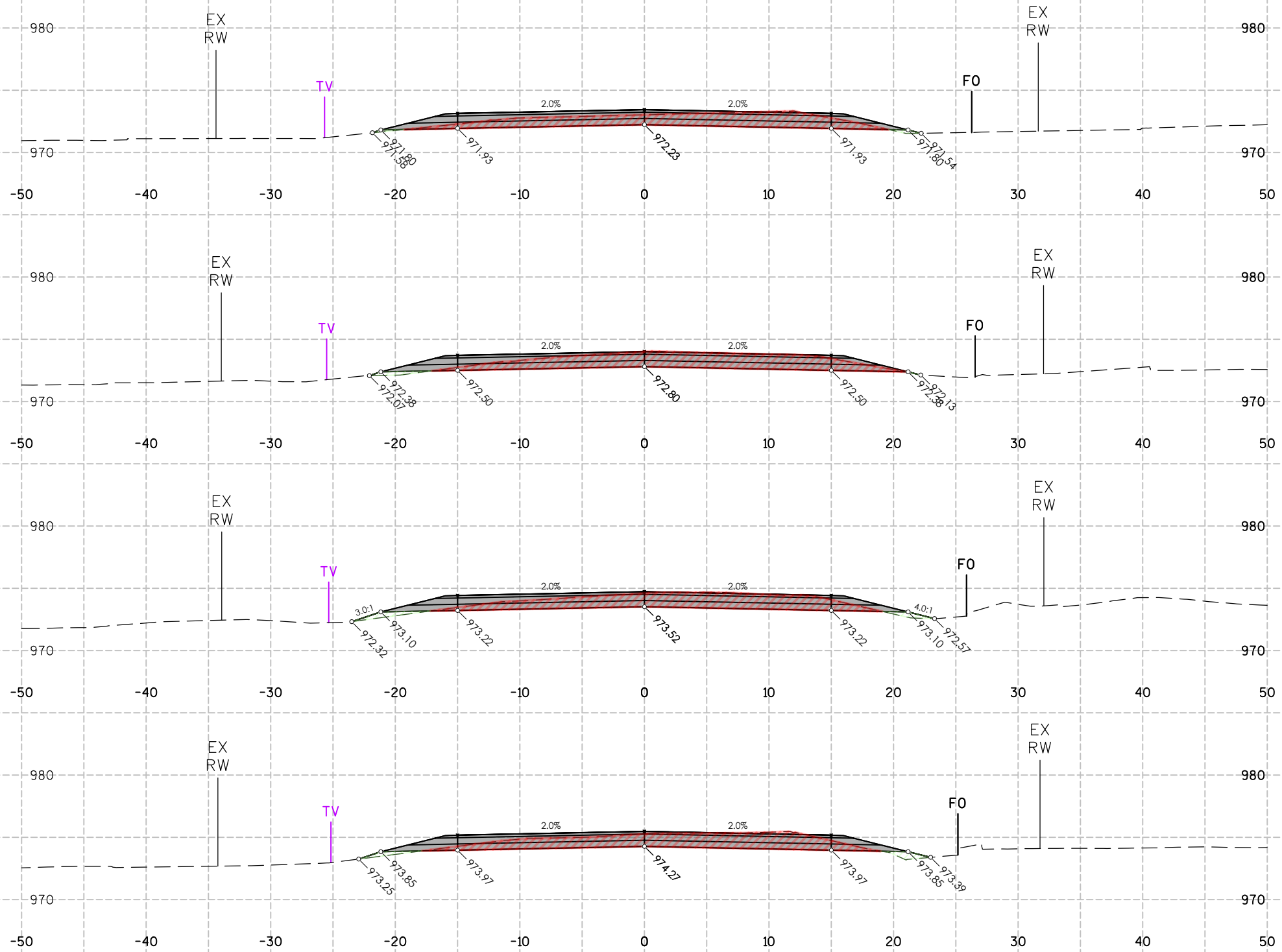
CUT/FILL STA:70+50.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	32.57	66	8,727
GROUND FILL	0.00	0	9,618

CUT/FILL STA:70+00.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	38.79	98	8,661
GROUND FILL	0.00	0	9,618

CUT/FILL STA:69+50.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	67.43	133	8,562
GROUND FILL	0.00	0	9,618

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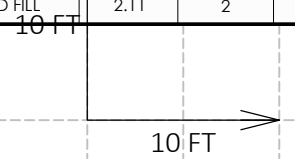


CUT/FILL STA:73+00.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	29.43	58	9,010
GROUND FILL	0.59	1	9,628

CUT/FILL STA:72+50.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	33.34	59	8,952
GROUND FILL	0.97	3	9,627

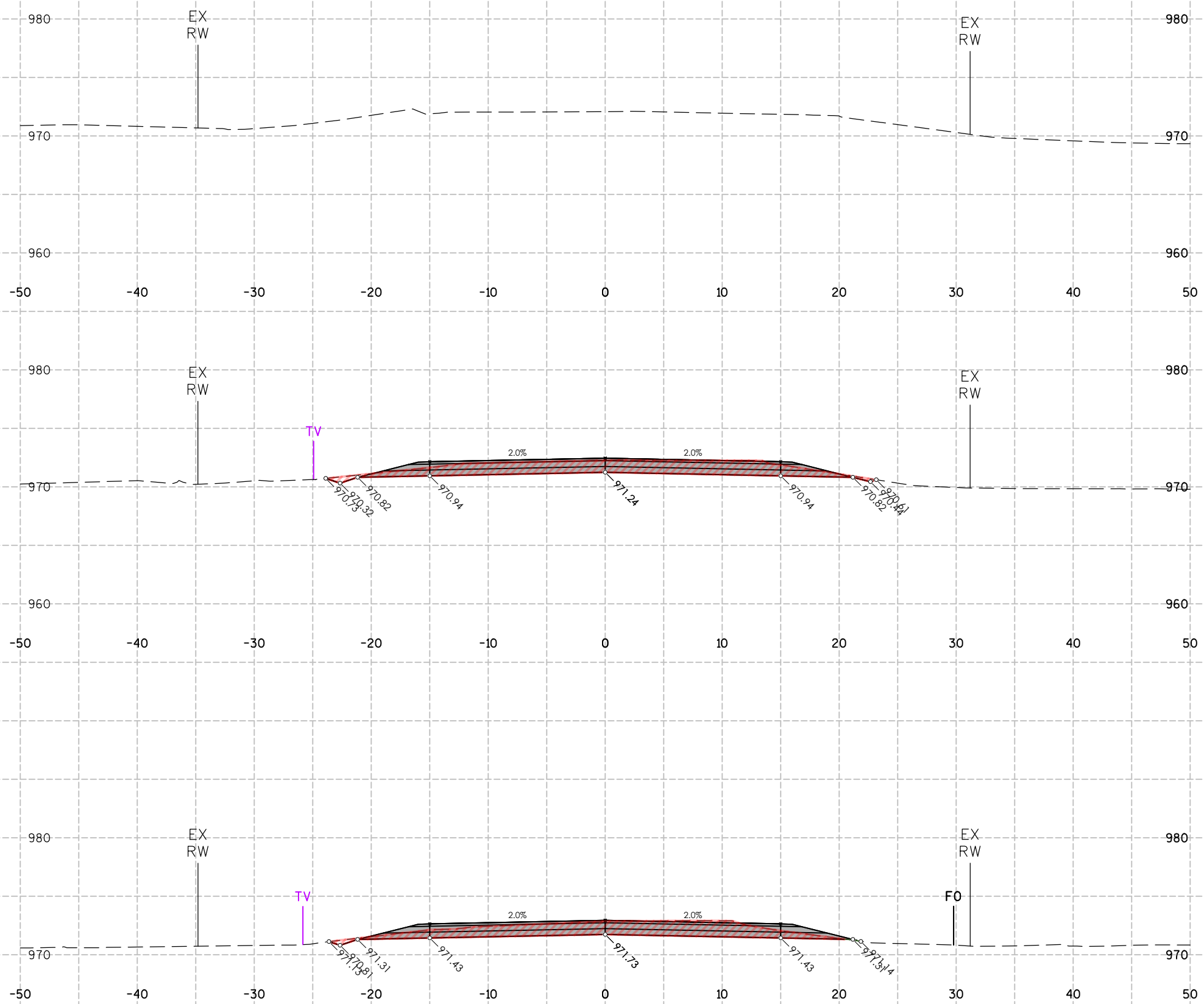
CUT/FILL STA:72+00.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	30.91	57	8,892
GROUND FILL	2.41	4	9,624

CUT/FILL STA:71+50.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	31.13	53	8,835
GROUND FILL	2.11	2	9,620



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CUT/FILL STA:74+50.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	0.00	36	9,177
GROUND FILL	0.00	0	9,629

CUT/FILL STA:74+00.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	39.13	70	9,141
GROUND FILL	0.00	0	9,629

CUT/FILL STA:73+50.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	36.62	61	9,071
GROUND FILL	0.05	1	9,629

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PROJECT NO: 18112/39508802306 HWY: ELLSWORTH RD COUNTY: MONROE COUNTY CROSS SECTIONS: ELLSWORTH RD SECTIONS SHEET E

FILE NAME : F:\Q2\2023\Q23189 ELLSWORTH RD T LA GRANGE\CAD\SECTIONS.DWG PLOT DATE : 11/22/2023 1:20 PM PLOT BY : SSR PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT. WISDOT/CADD SHEET 49

LAYOUT NAME - 46