

PROJECT ID: 18112/39508802306

COUNTY: MONROE

TOWN OF LA GRANGE 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

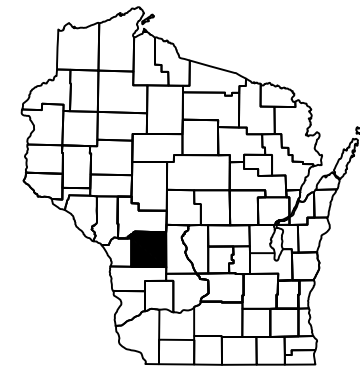
STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
39508802306		

REVISION 2 : **JANUARY 10, 2024**

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 =

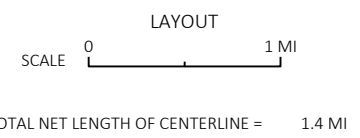
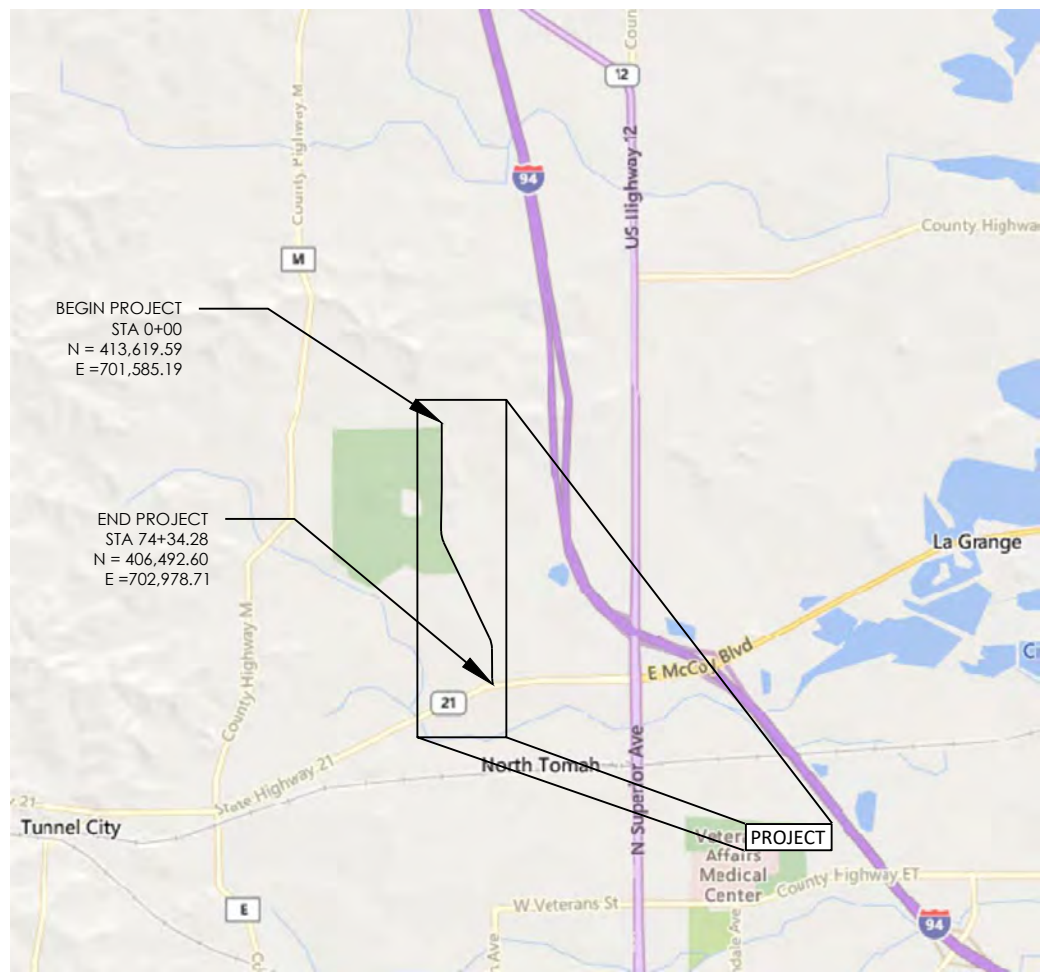


DESIGN DESIGNATION

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
	STORM SEWER
	TELEPHONE
MARSH AREA	WATER
	UTILITY PEDESTAL
	POWER POLE
WOODED OR SHRUB AREA	TELEPHONE POLE



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
C1.5	TRAFFIC CONTROL PLAN
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



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:

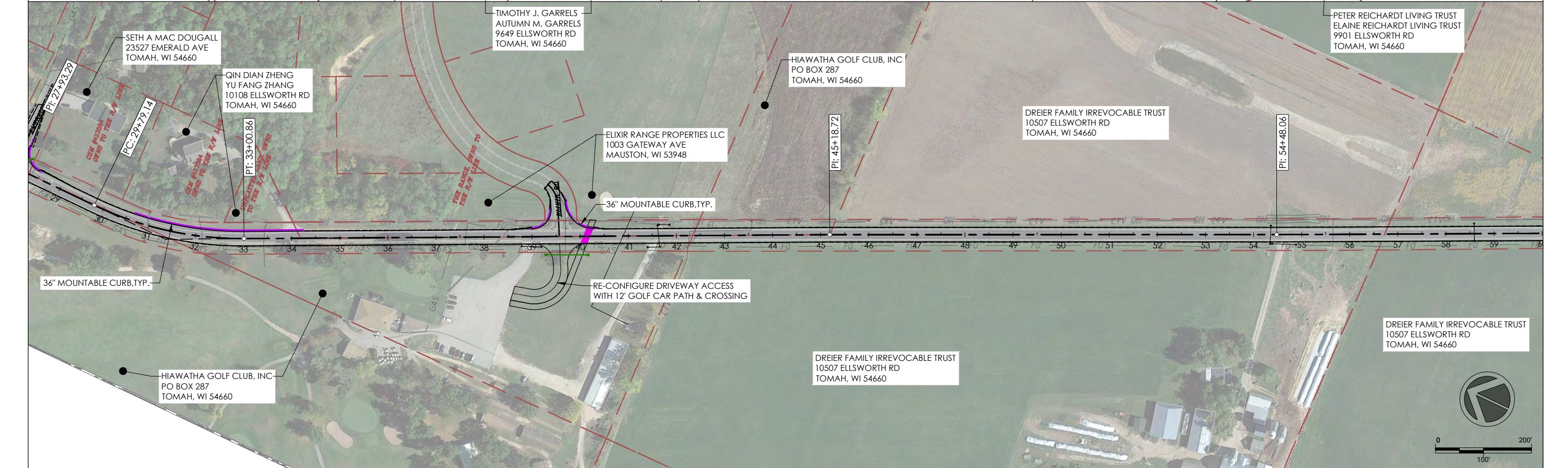
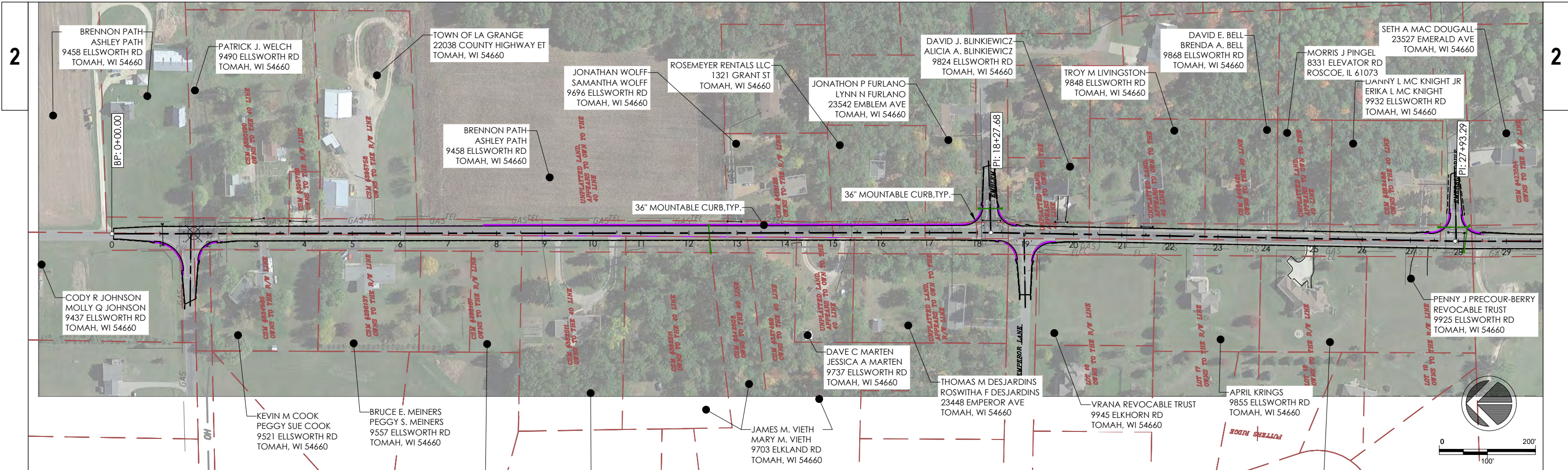
LIST OF STANDARD LINETYPES

———— 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	
NAME	PHONE
WE ENERGIES: WG-GAS-N2WGG	(715)-837-1741
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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 C1.0

E

FILE NAME: F:\Q2\2023\Q23189 ELLSWORTH RD T LA GRANGE\CADD\C1.0-C1.1.DWG
LAYOUT NAME - C1.0

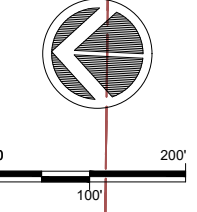
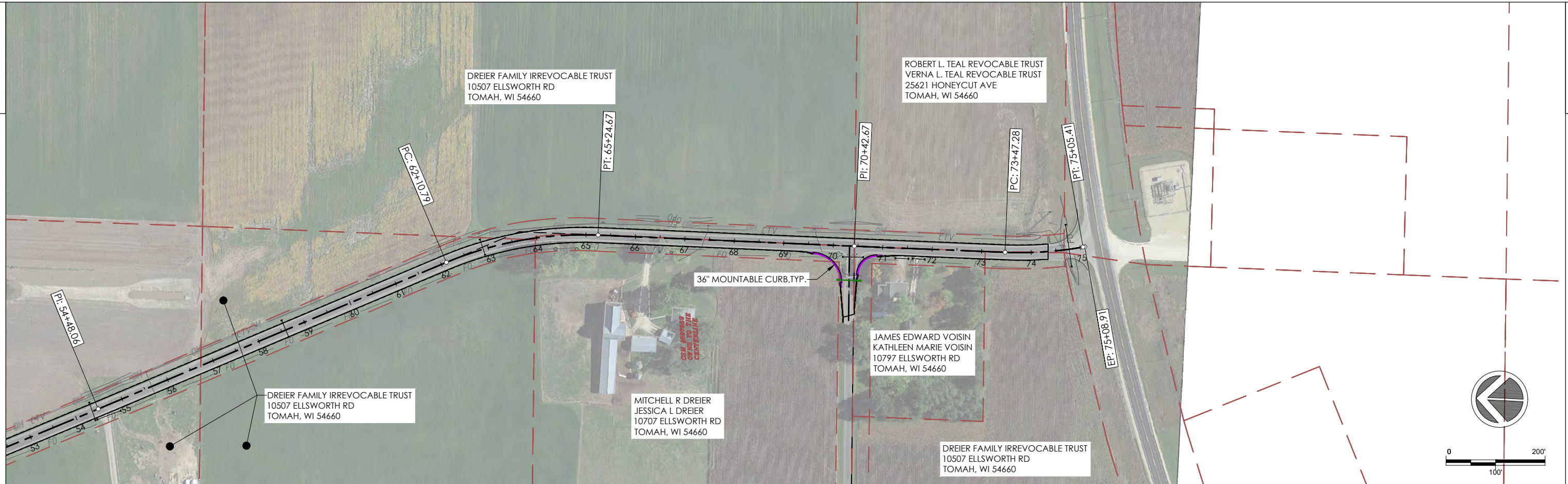
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PLOT BY: SSR

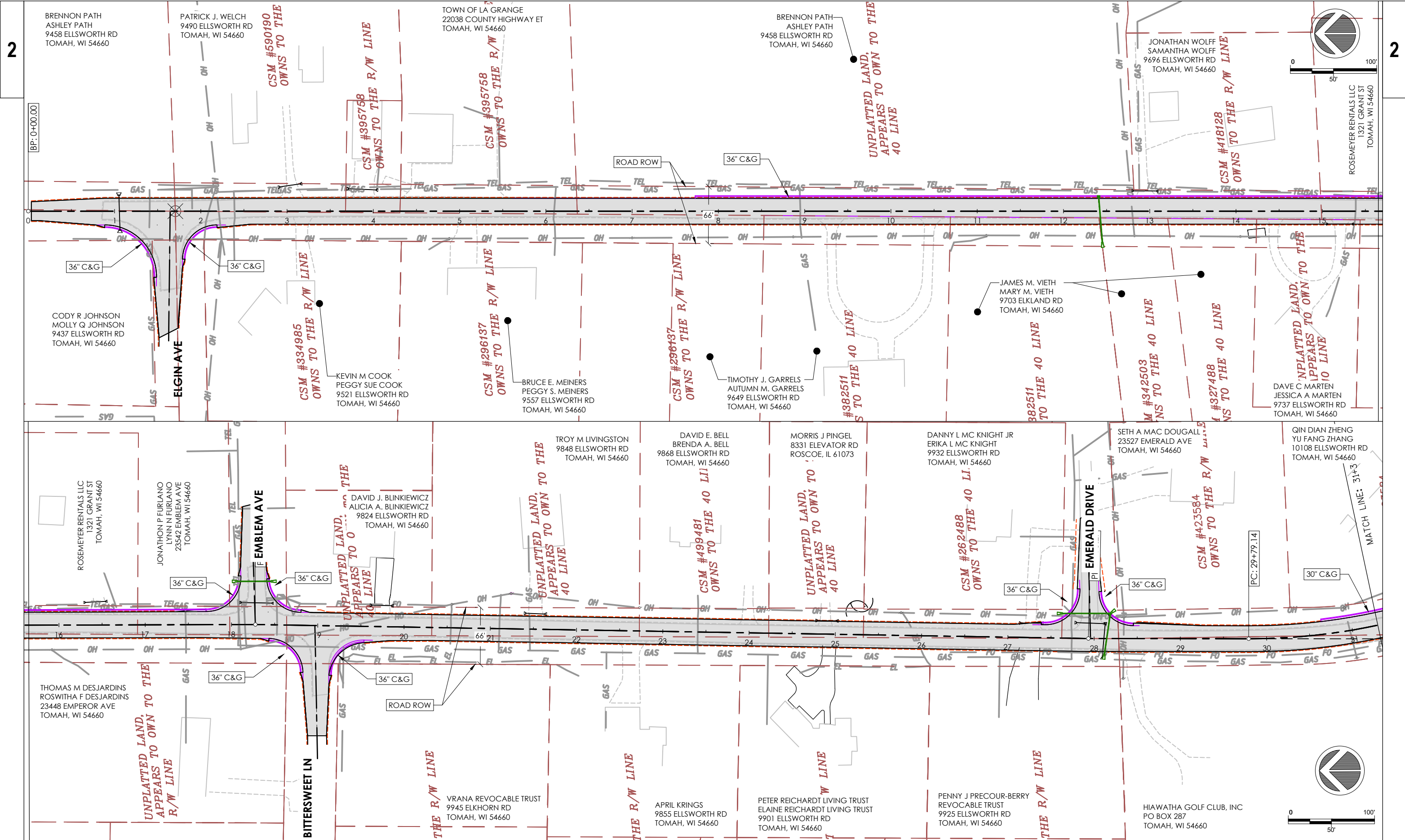
PLOT NAME:

PLOT SCALE: 1 IN:200 FT

WISDOT/CADD SHEET 44



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

2

PROJECT NO: 18112/39508802306

HWY: ELLSWORTH RD

COUNTY: MONROE COUNTY

EXISTING UTILITIES

SHEET C1.2

E

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LAYOUT NAME - C1.2

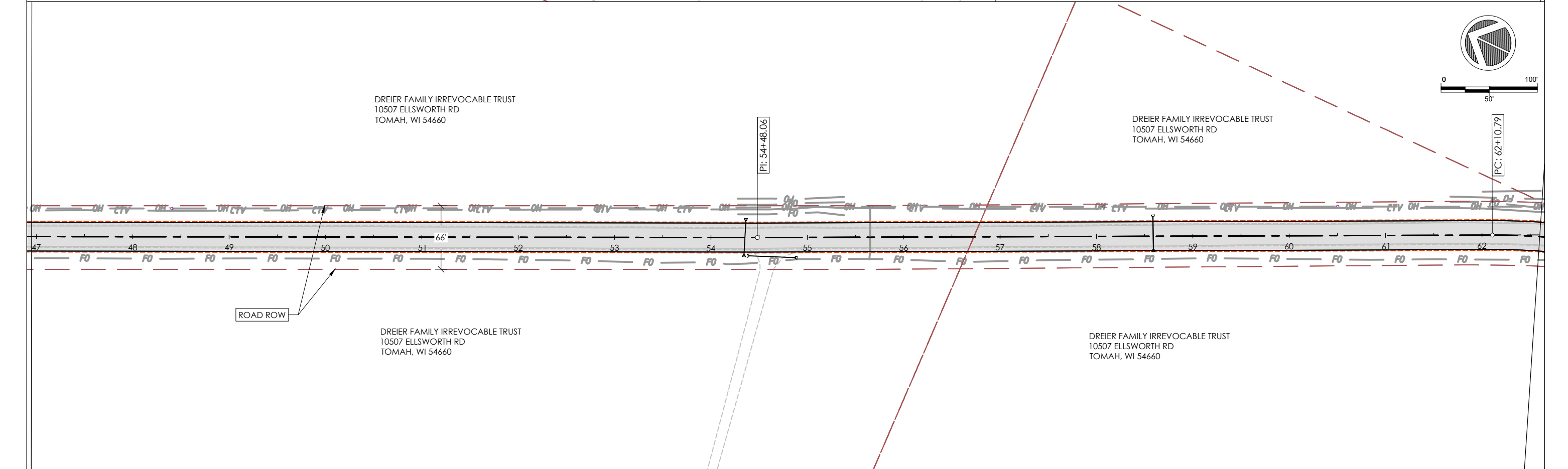
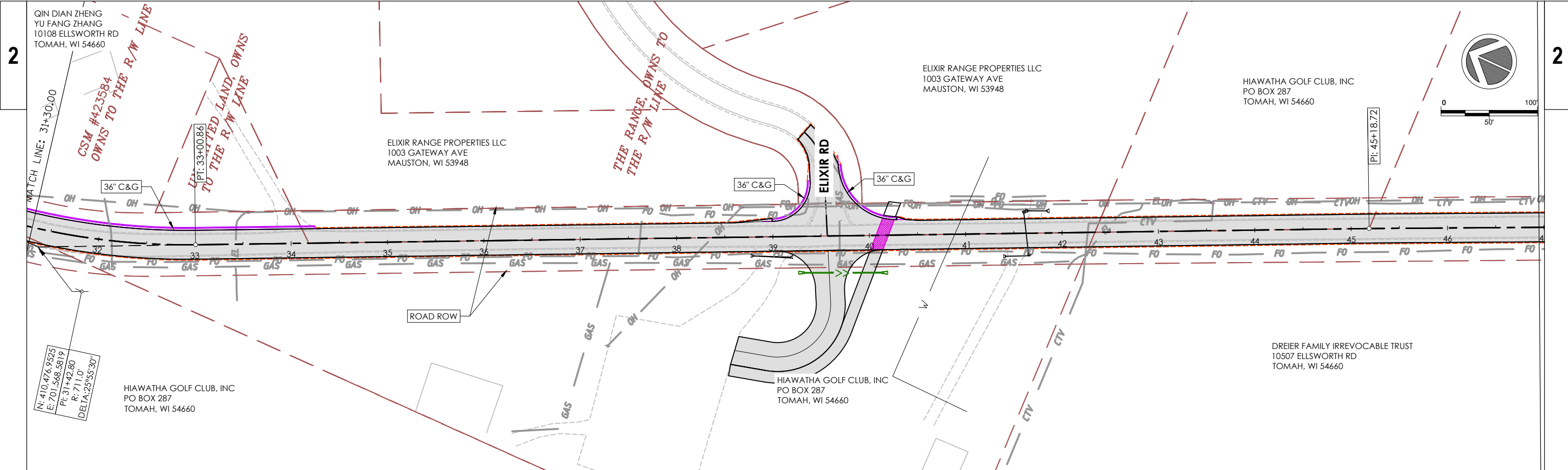
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PLOT BY : SSR

PLOT NAME :

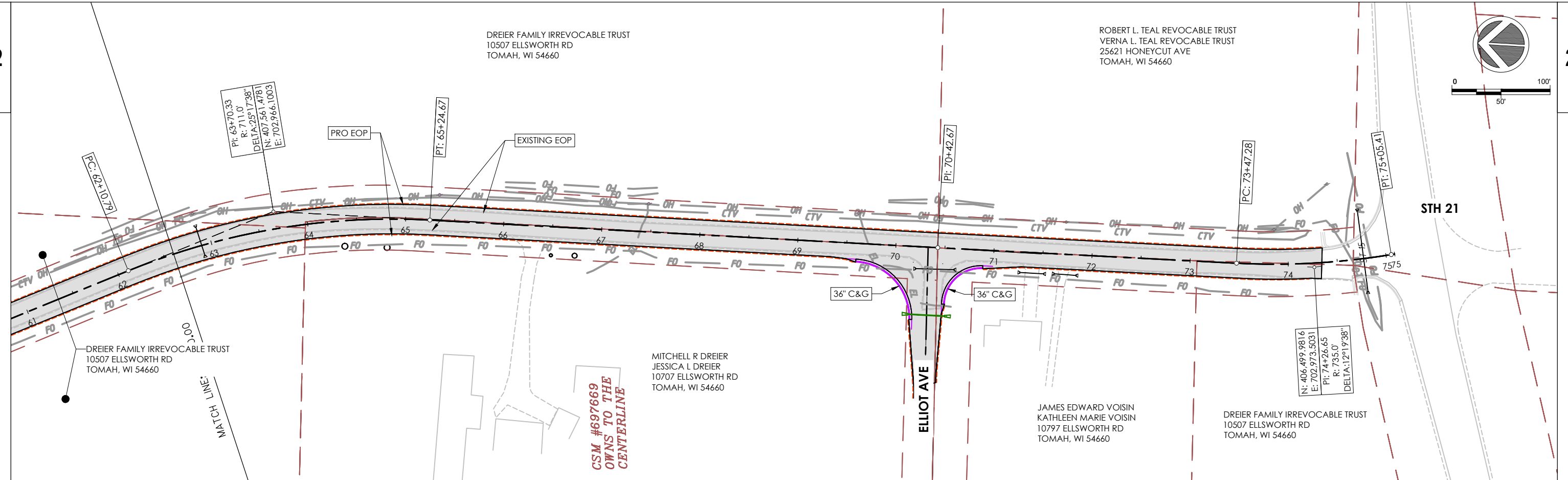
PLOT SCALE : 1 IN:100 FT

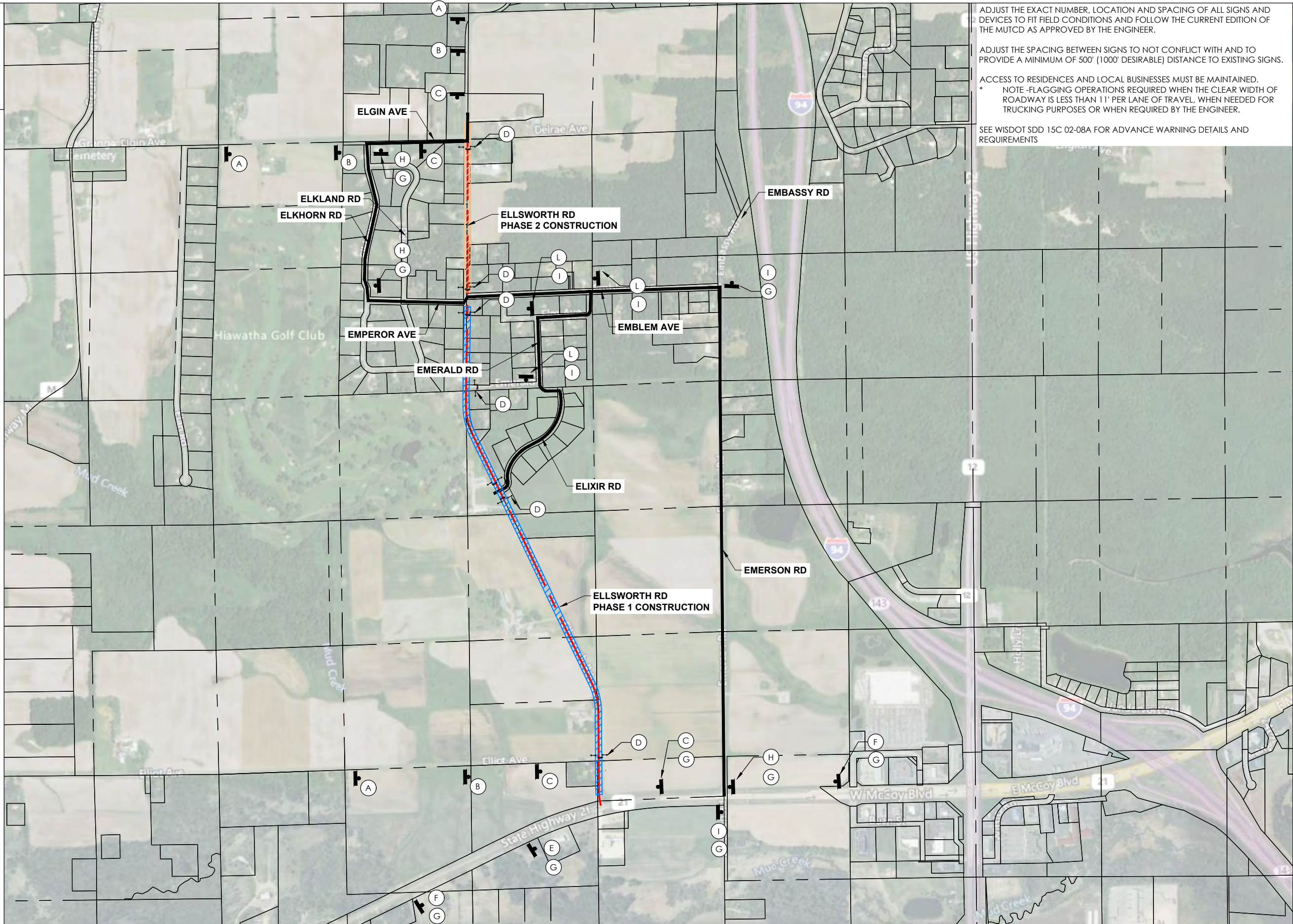
WISDOT/CADD SHEET 44



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 : 1/10/2024 12:06 PM PLOT BY : SSR PLOT NAME : PLOT SCALE : 1 IN:100 FT WISDOT/CADDs SHEET 44





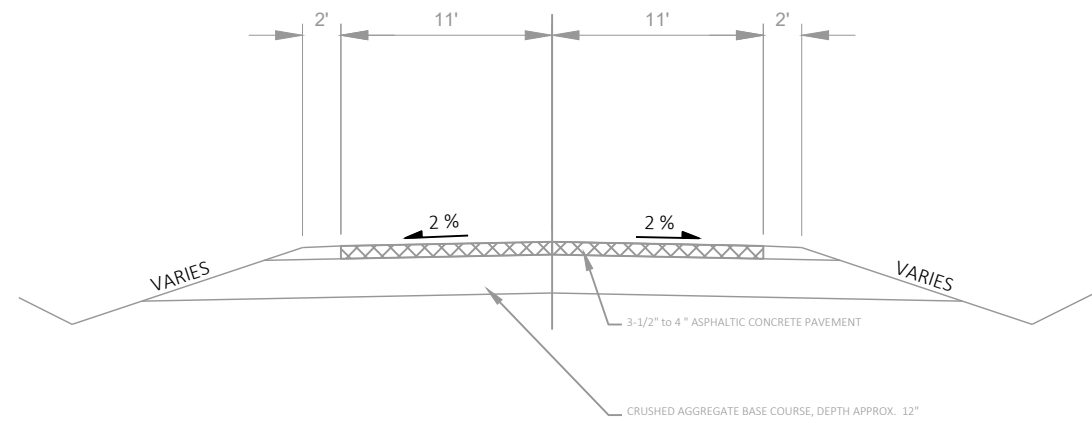
ADJUST THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS AND DEVICES TO FIT FIELD CONDITIONS AND FOLLOW THE CURRENT EDITION OF THE MUTCD AS APPROVED BY THE ENGINEER.

ADJUST THE SPACING BETWEEN SIGNS TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 500' (1000' DESIRABLE) DISTANCE TO EXISTING SIGNS.

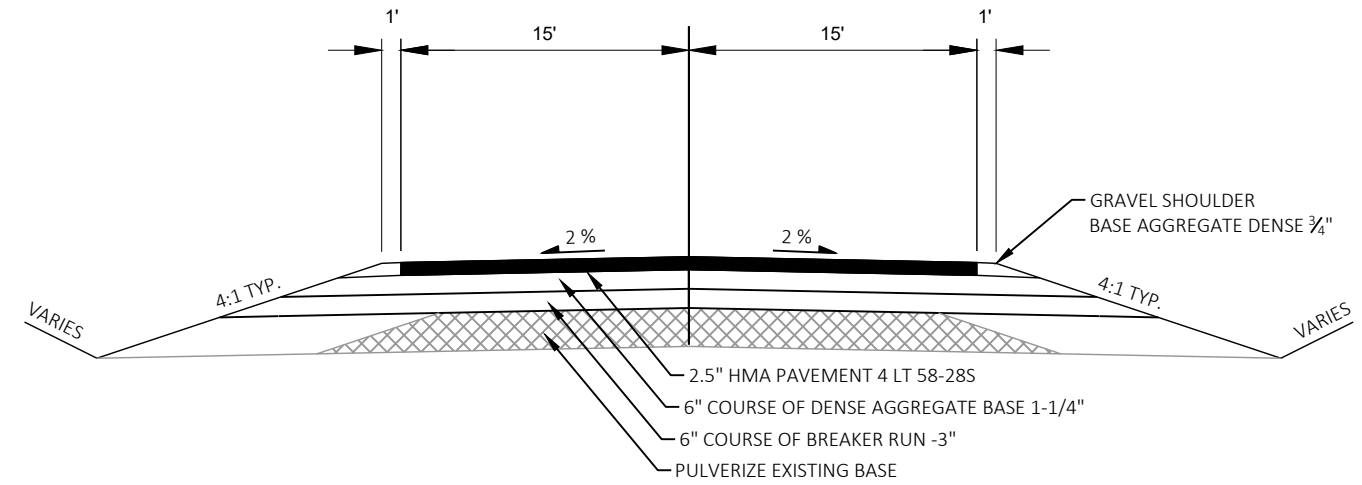
ACCESS TO RESIDENCES AND LOCAL BUSINESSES MUST BE MAINTAINED.
 * NOTE -FLAGGING OPERATIONS REQUIRED WHEN THE CLEAR WIDTH OF ROADWAY IS LESS THAN 11' PER LANE OF TRAVEL, WHEN NEEDED FOR TRUCKING PURPOSES OR WHEN REQUIRED BY THE ENGINEER.

SEE WISDOT SDD 15C 02-08A FOR ADVANCE WARNING DETAILS AND REQUIREMENTS

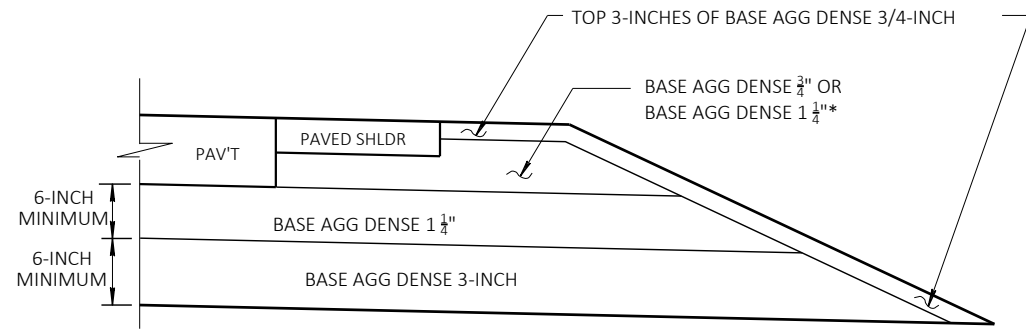
- (A) ROAD CLOSED AHEAD W20-3A
- (B) ROAD CLOSED 1000 FT W20-3C
- (C) ROAD CLOSED 500 FT W20-3D
- (D) ROAD CLOSED TO THRU TRAFFIC TYPE III BARRICADE R11-4 60" X 30"
- (E) DETOUR AHEAD W20-2A
- (F) DETOUR 1500 FT W20-2B
- (G) ELLSWORTH RD
- (H) DETOUR M4-9R 30"X24"
- (I) DETOUR M4-9L 30"X24"
- (J) WEST M3-4 or MM3-4 or MP3-4 24"X12"
- (K) DETOUR AHEAD M4-9A 30"X18"
- (L) HIAWATHA GOLF



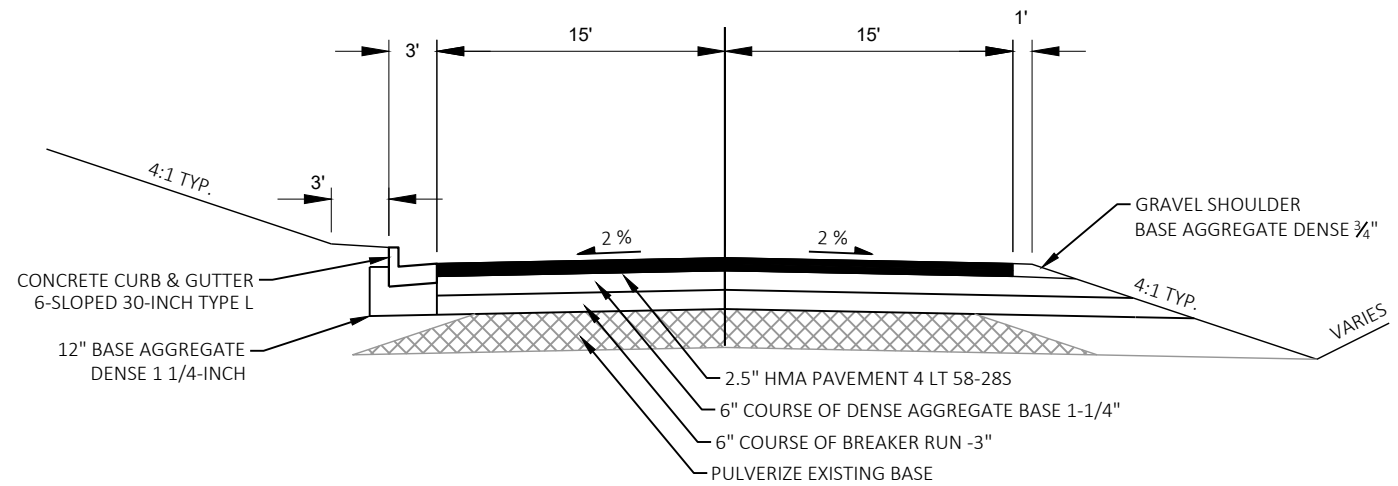
EXISTING TYPICAL SECTION
STA 0+00 - 75+00



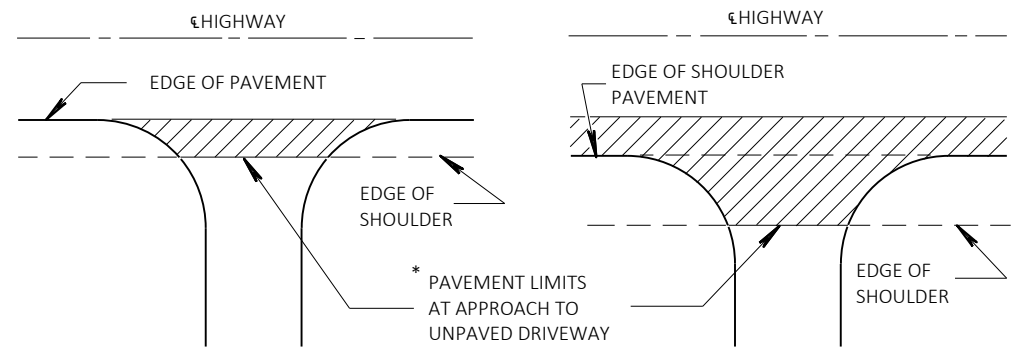
FINISHED TYPICAL SECTION
STA 0+00 - 13+07
STA 15+76 - 30+65
STA 32+50 - 75+00



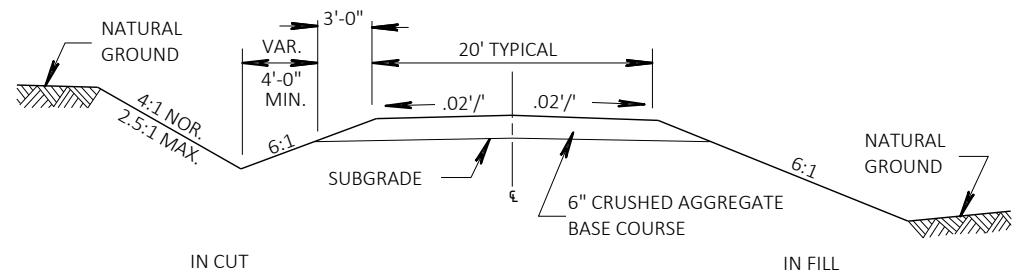
BASE AGG DENSE 3-INCH REQUIRED



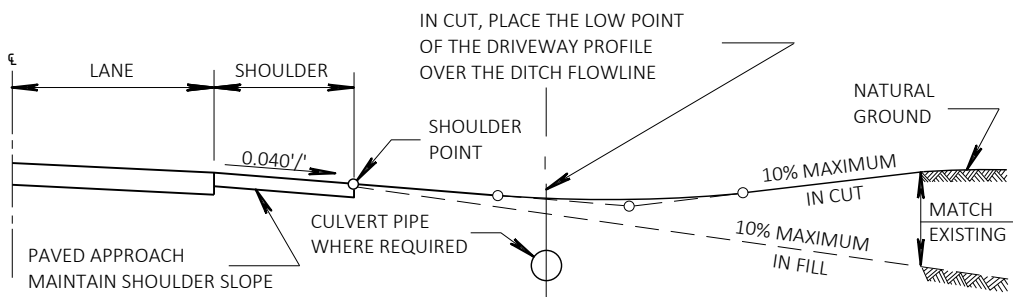
FINISHED TYPICAL SECTION CURB & GUTTER
STA 13+07 - 15+76
STA 30+65 - 32+50



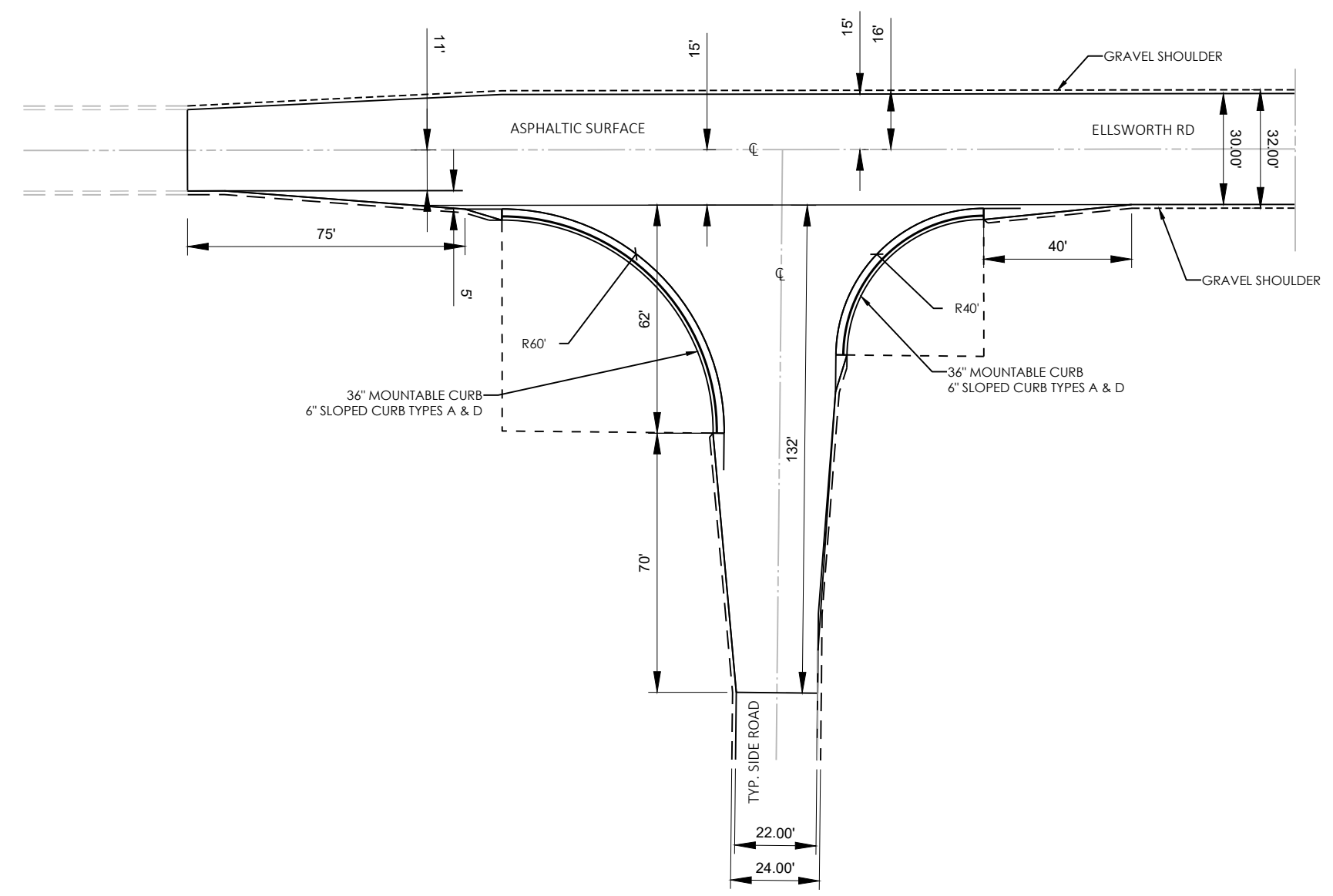
*WHERE DRIVEWAY IS PAVED, APPROACH PAVEMENT SHOULD BE EXTENDED TO MATCH DRIVEWAY PAVEMENT.
PLAN VIEW
PLAN VIEW (PAVED SHOULDER ON HIGHWAY)
RURAL DRIVEWAY INTERSECTION DETAIL



TYPICAL CROSS SECTION FOR PRIVATE DRIVE OR FIELD ENTRANCE

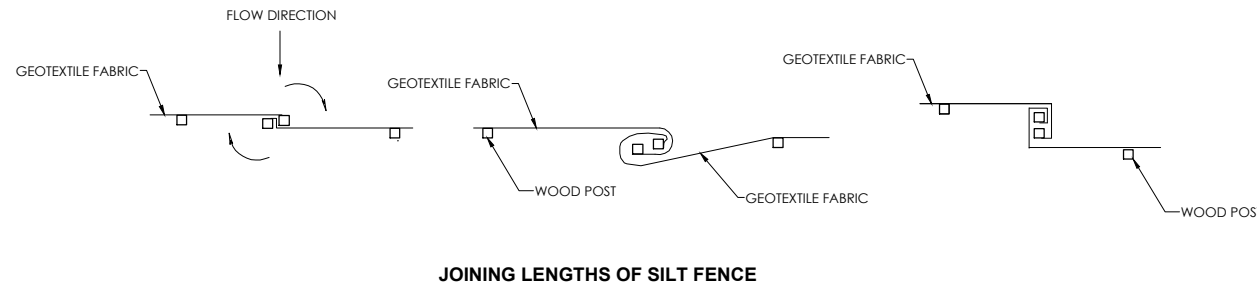
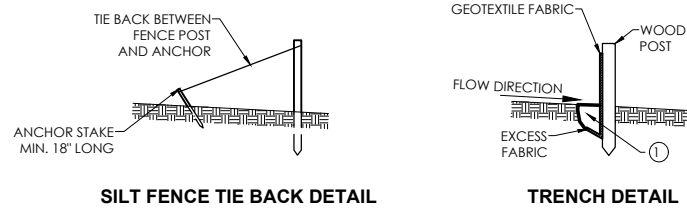
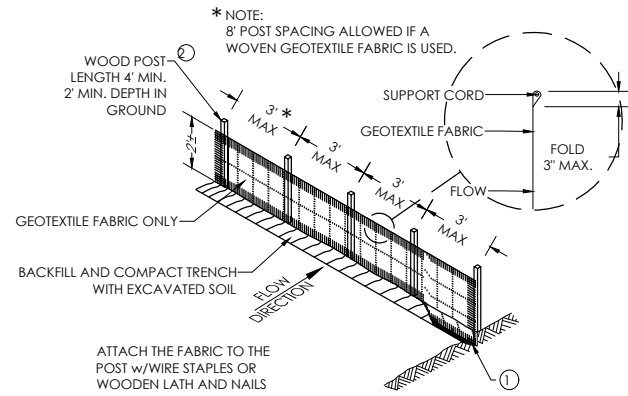


TYPICAL DRIVEWAY PROFILES

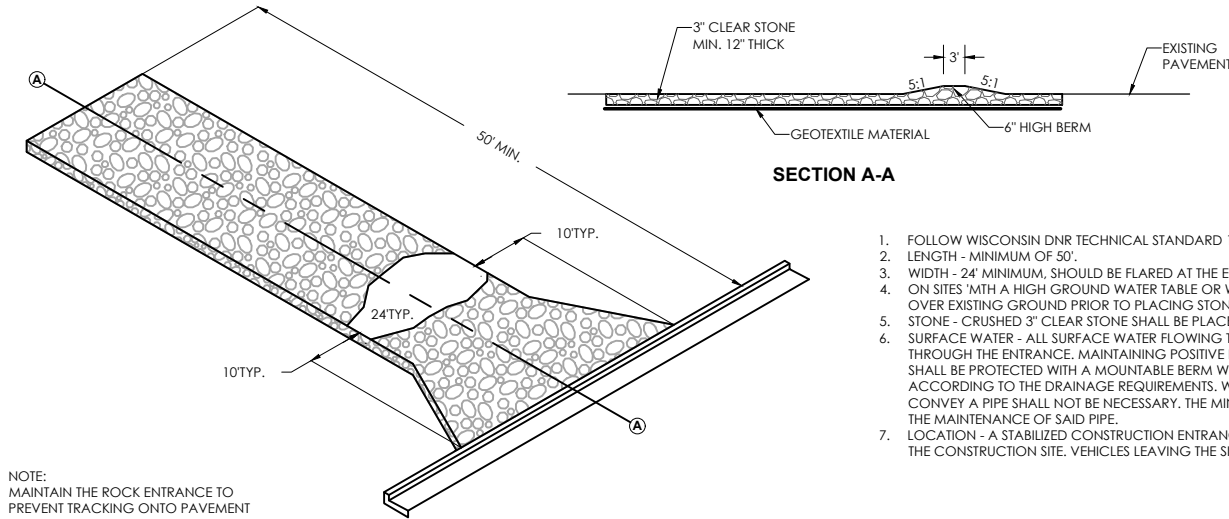


SIDE ROAD DETAIL, SPECIAL (BASE AGGREGATE SHOULDERS)

- 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.

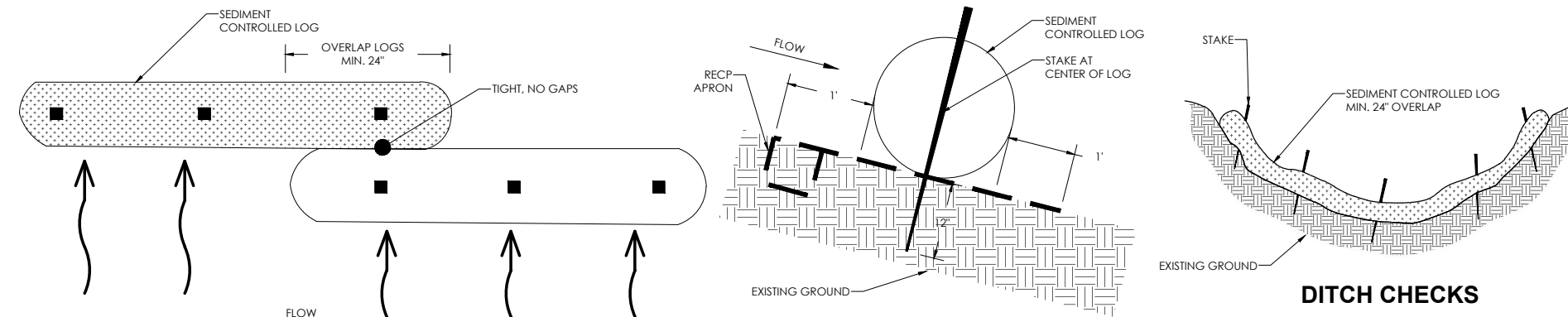


1-SILT FENCE

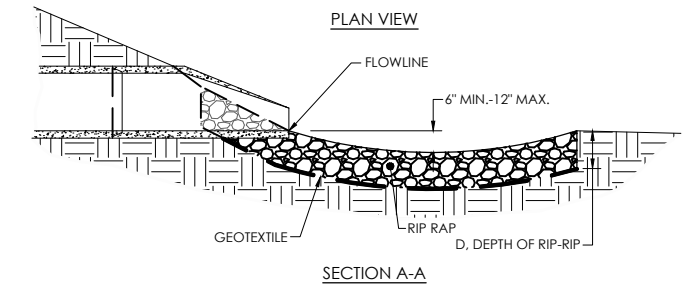
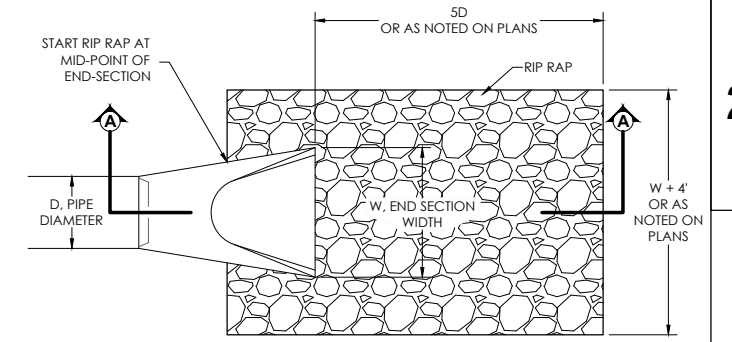


- FOLLOW WISCONSIN DNR TECHNICAL STANDARD 1057 FOR FURTHER DETAILS AND INSTALLATION.
- LENGTH - MINIMUM OF 50'.
- WIDTH - 24' MINIMUM, SHOULD BE FLARED AT THE EXISTING ROAD TO PROVIDE A TURNING RADIUS.
- ON SITES WITH A HIGH GROUND WATER TABLE OR WHERE SATURATED CONDITIONS EXIST, GEOTEXTILE FABRIC SHALL 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



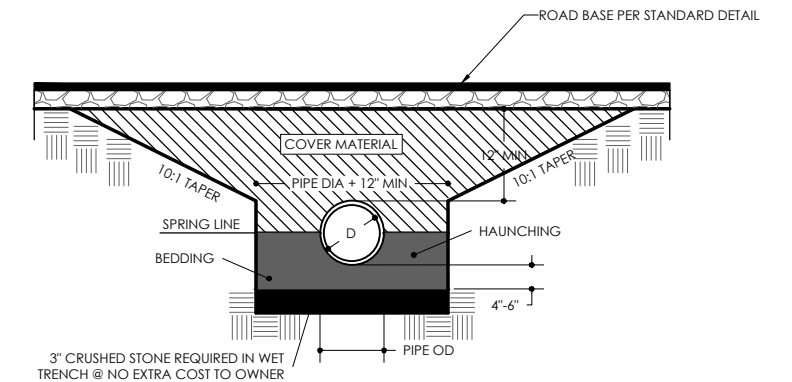
3-TEMPORARY DITCH CHECK (SEDIMENT LOGS)



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"

4-RIP RAP AT PIPE INLET



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.

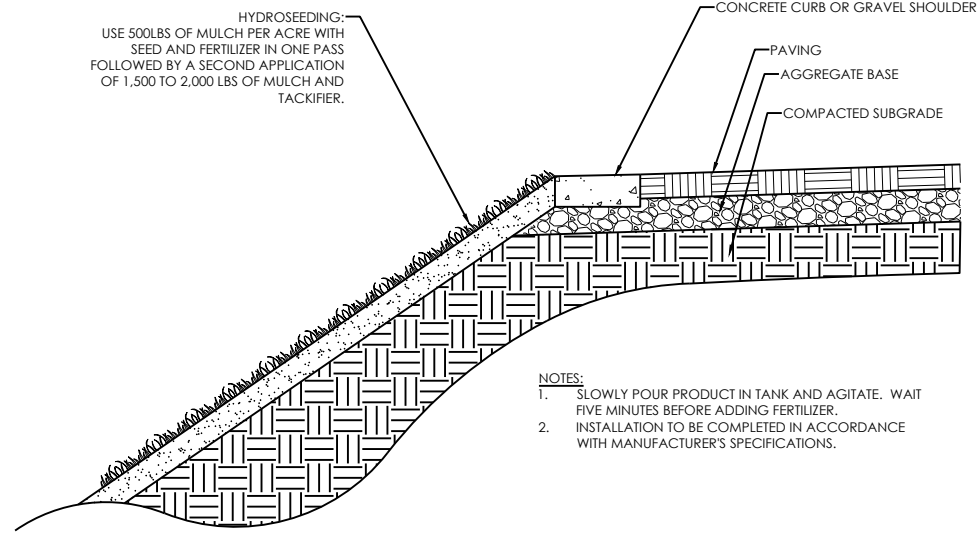
INSTALLATION:
 PLACE 4" OF BEDDING MATERIAL BENEATH PIPE. PLACE BEDDING MATERIAL AROUND THE PIPE TO THE SPRING LINE. WORK THE MATERIAL IN AND AROUND THE PIPE BY HAND TO PROVIDE UNIFORM SUPPORT. PLACE COVER MATERIAL CAREFULLY TO A LEVEL 6" ABOVE THE PIPE.

5-RIGID PIPE BEDDING

EROSION CONTROL NOTES

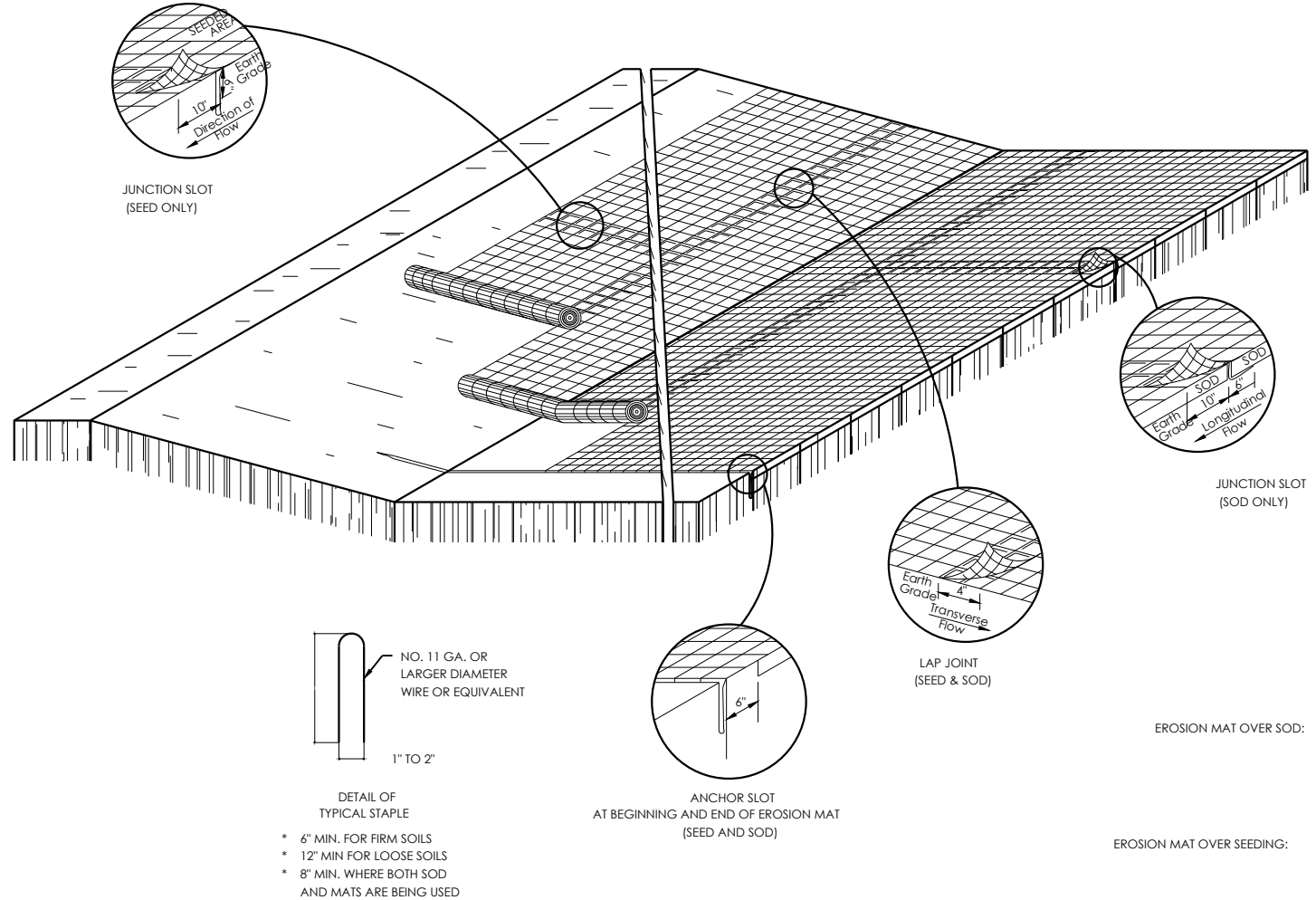
- POST WDNR CERTIFICATE OF PERMIT COVERAGE ON SITE AND MAINTAIN UNTIL CONSTRUCTION ACTIVITIES HAVE CEASED. THE SITE IS STABILIZED, AND A NOTICE OF TERMINATION IS FILED WITH WDNR.
- KEEP A COPY OF THE CURRENT EROSION CONTROL PLAN ON SITE THROUGHOUT THE DURATION OF THE PROJECT.
- SUBMIT PLAN REVISIONS 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.

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.

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

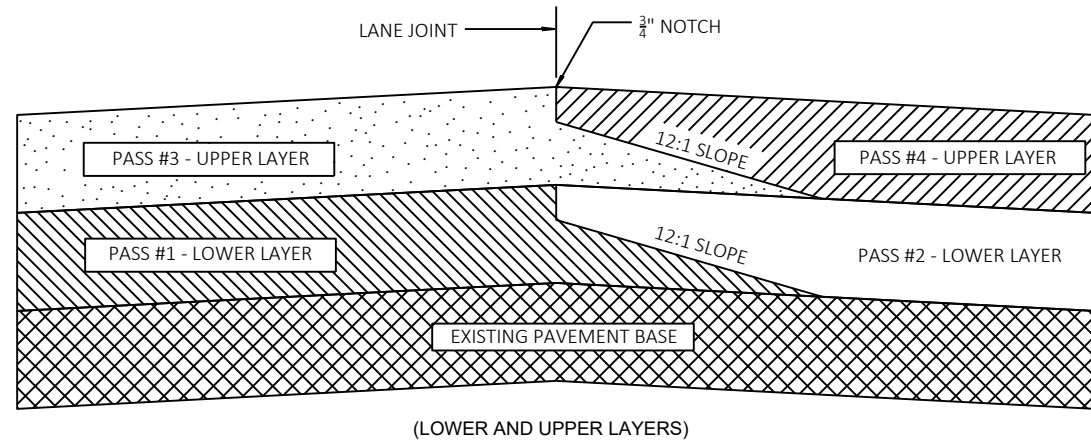
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HWY: ELLSWORTH RD

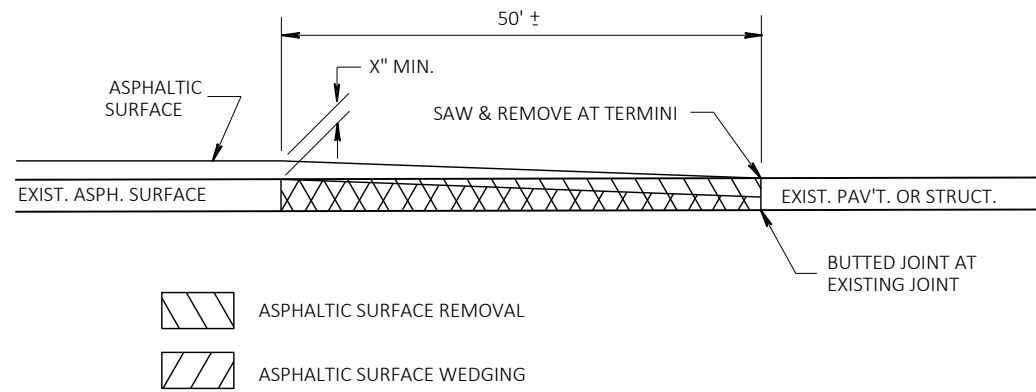
COUNTY: MONROE COUNTY

EROSION CONTROL DETAILS

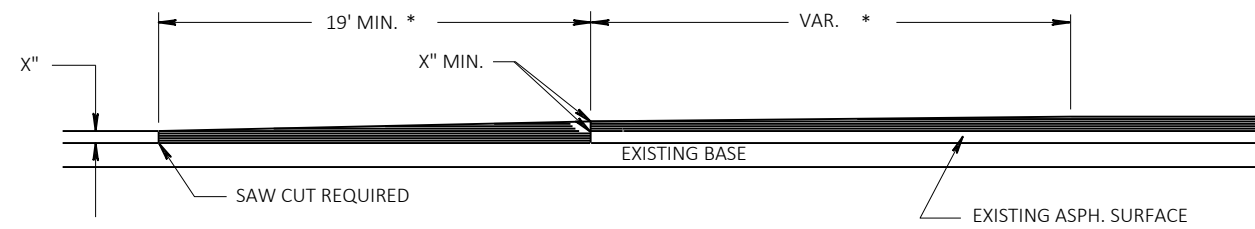
SHEET



TYPICAL PAVEMENT CROSS SECTIONS OF
TAPERED AND NOTCHED LONGITUDINAL JOINTS

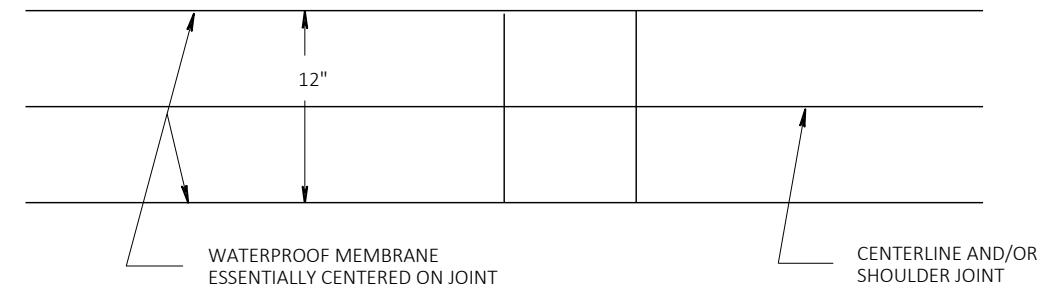
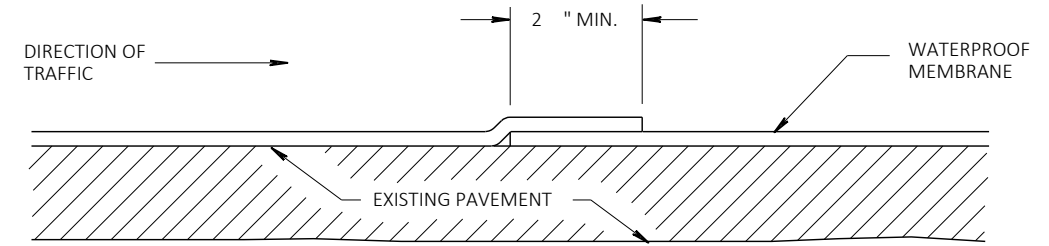


OVERLAP JOINT, BUTTED DETAIL

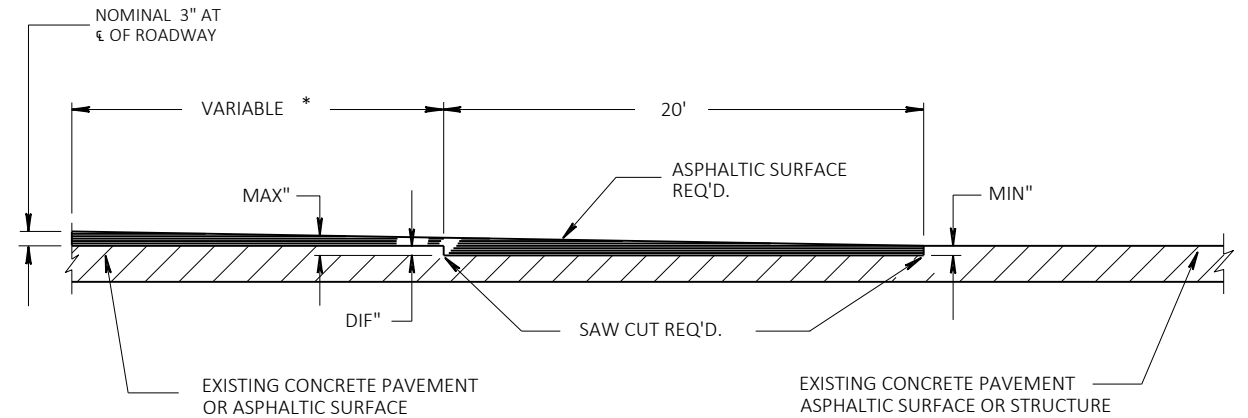


DETAIL OF MAINLINE OVERLAP BUTTED JOINT

* EXACT DIMENSIONS TO BE DETERMINED BY THE ENGINEER IN THE FIELD.

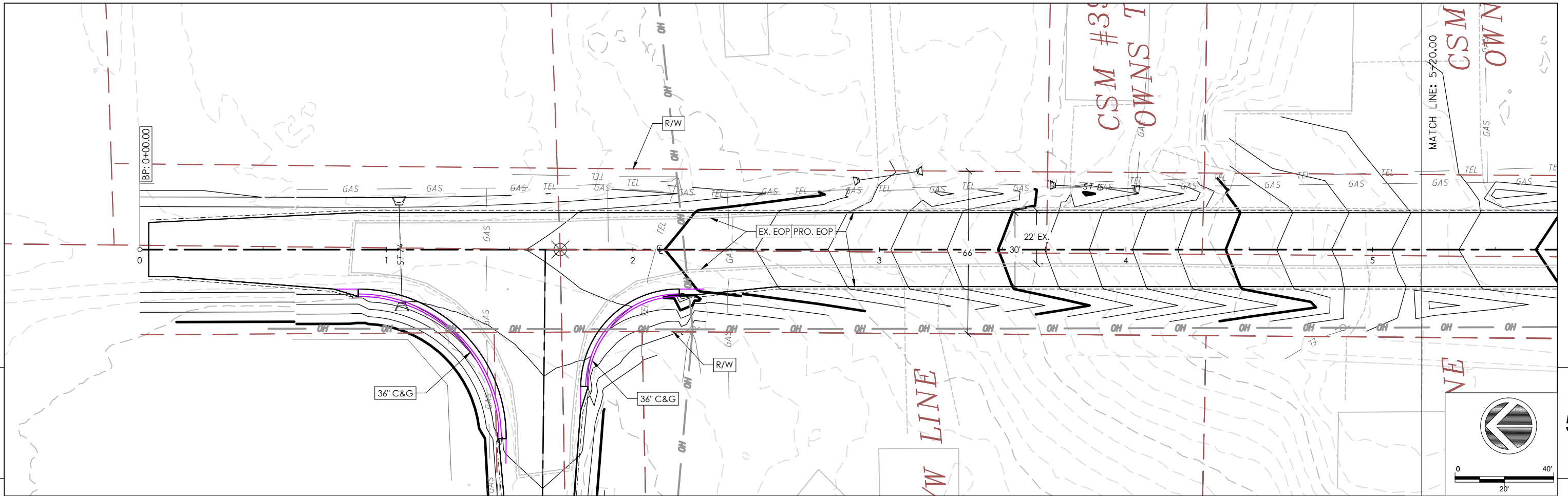


WATERPROOF MEMBRANE OVERLAP DETAIL



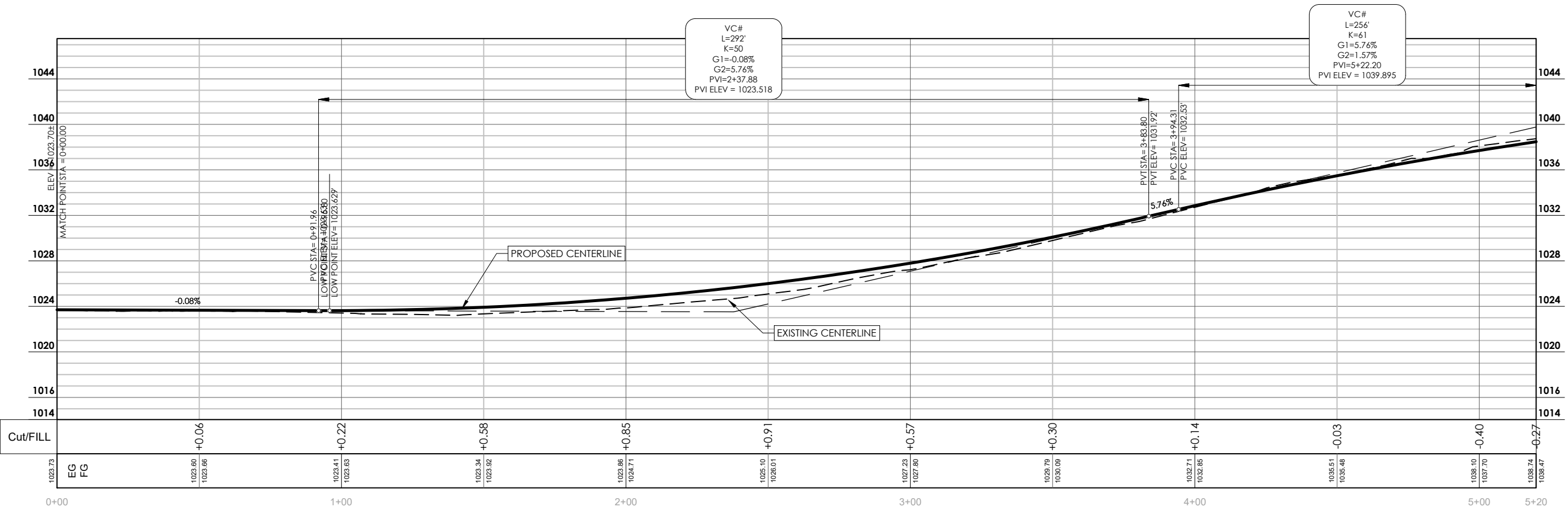
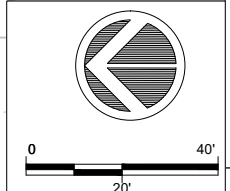
DETAIL OF BUTTED JOINT

* EXACT DIMENSIONS TO BE DETERMINED BY ENGINEER IN THE FIELD.



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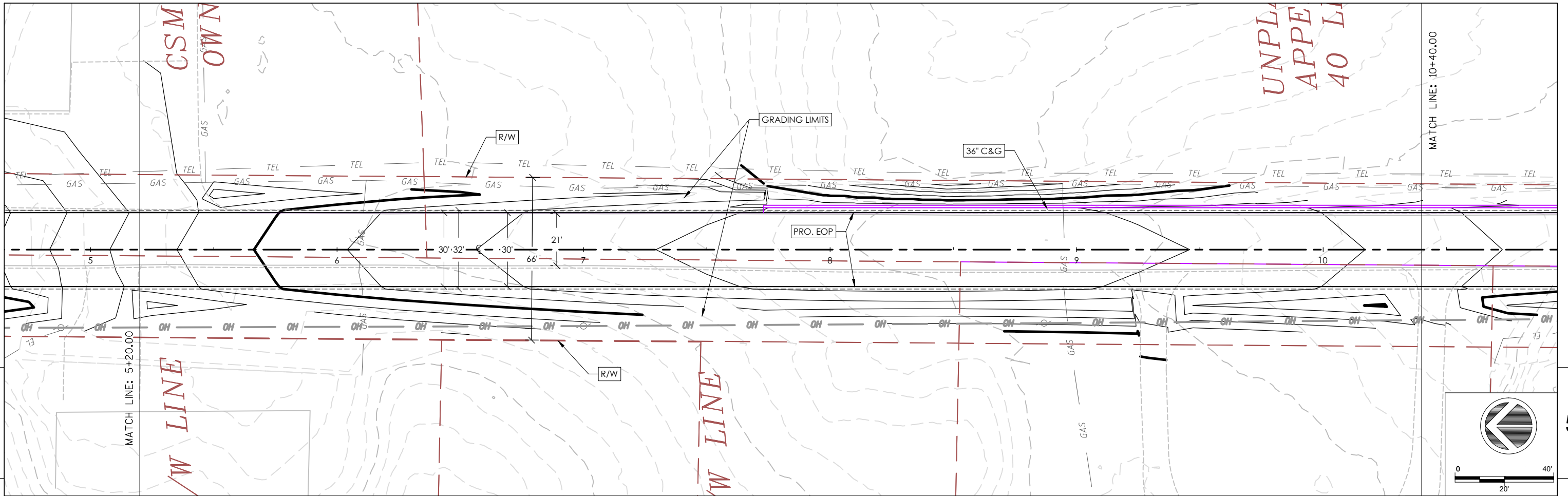
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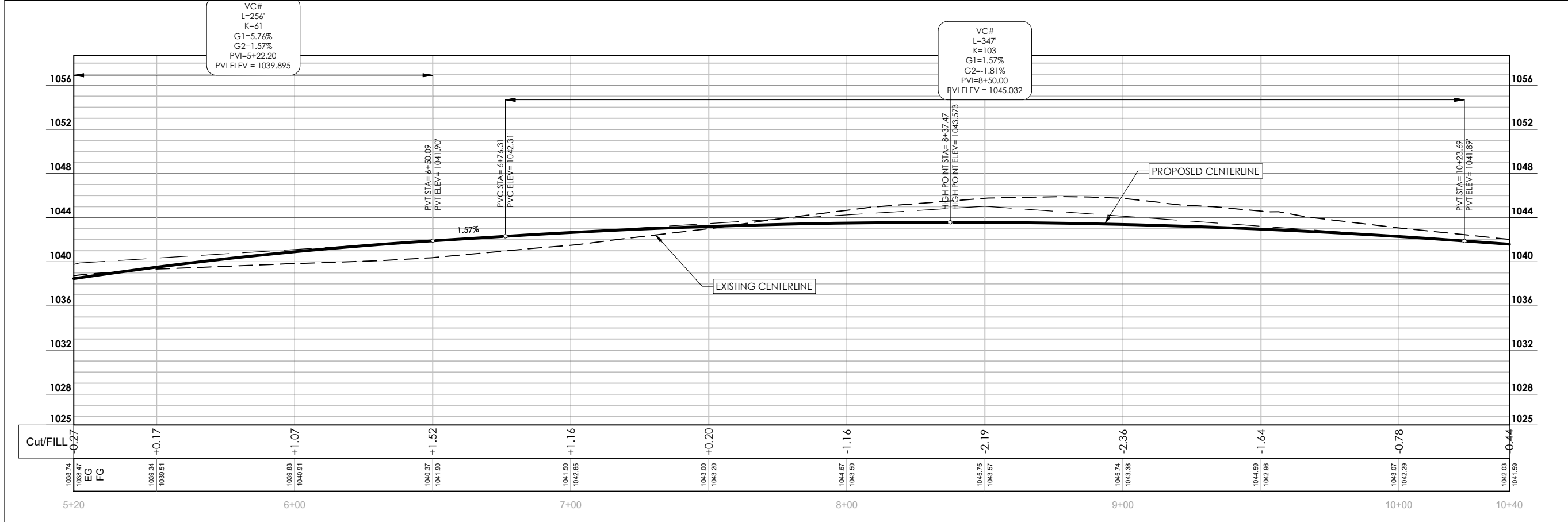
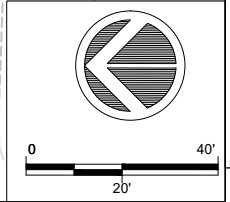
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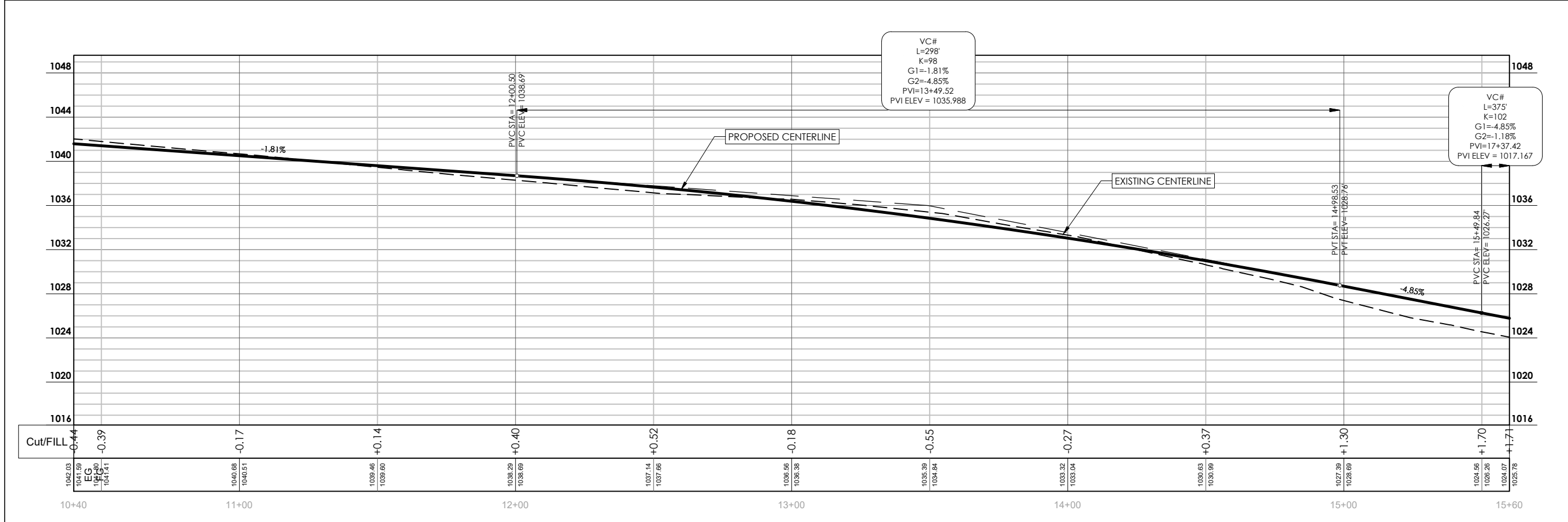
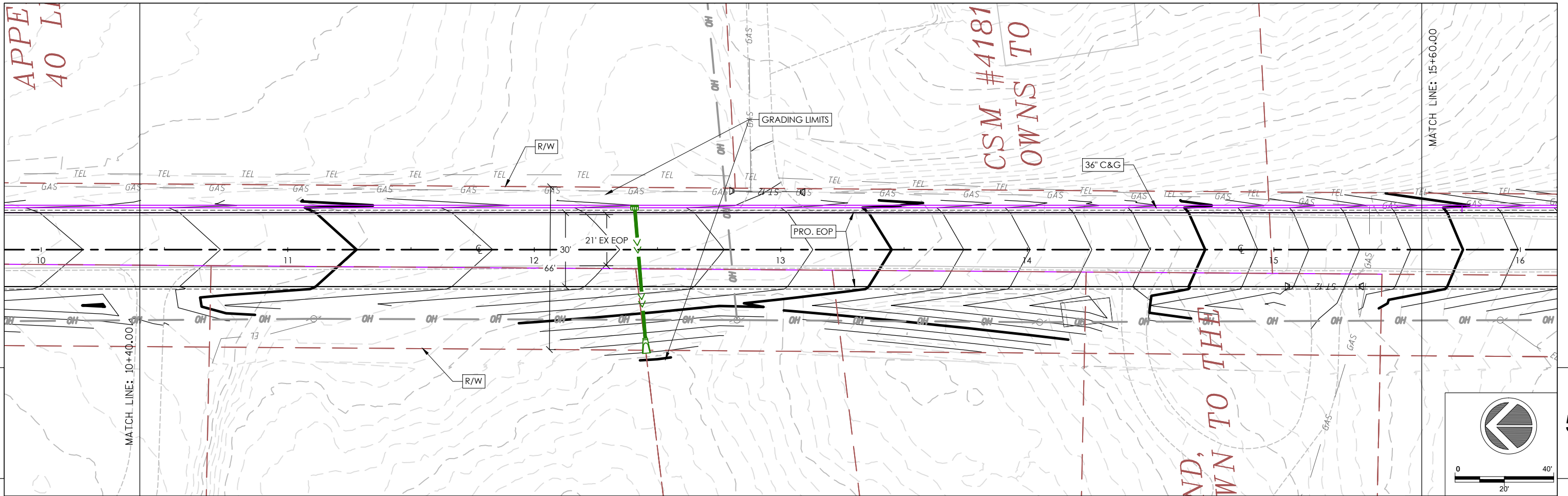
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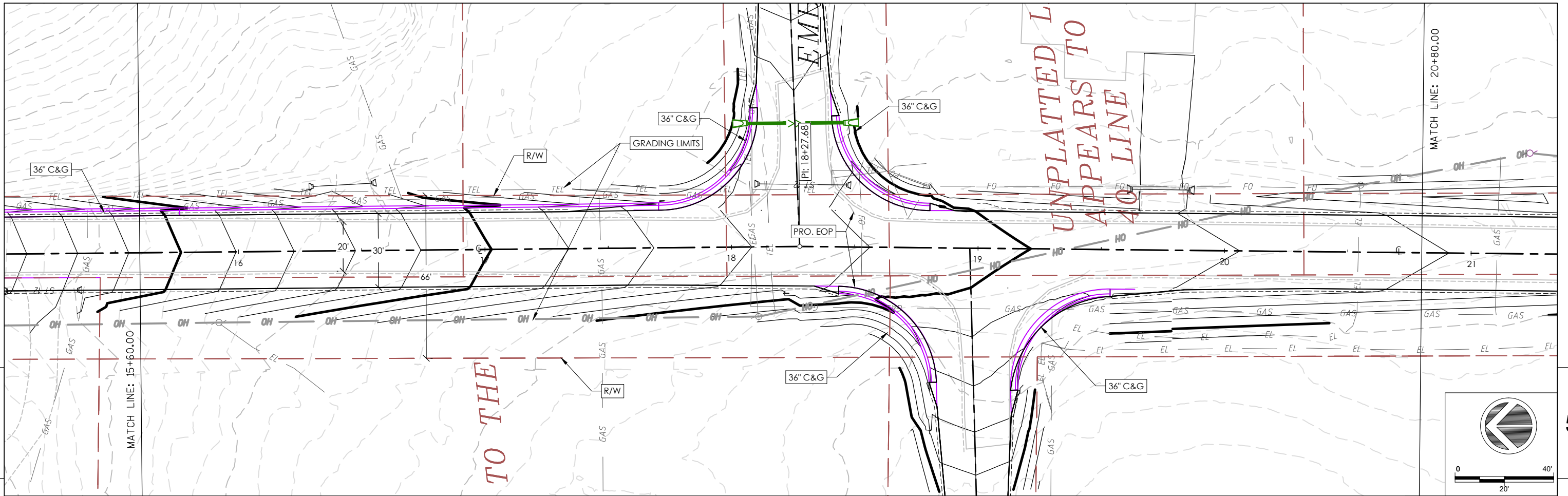
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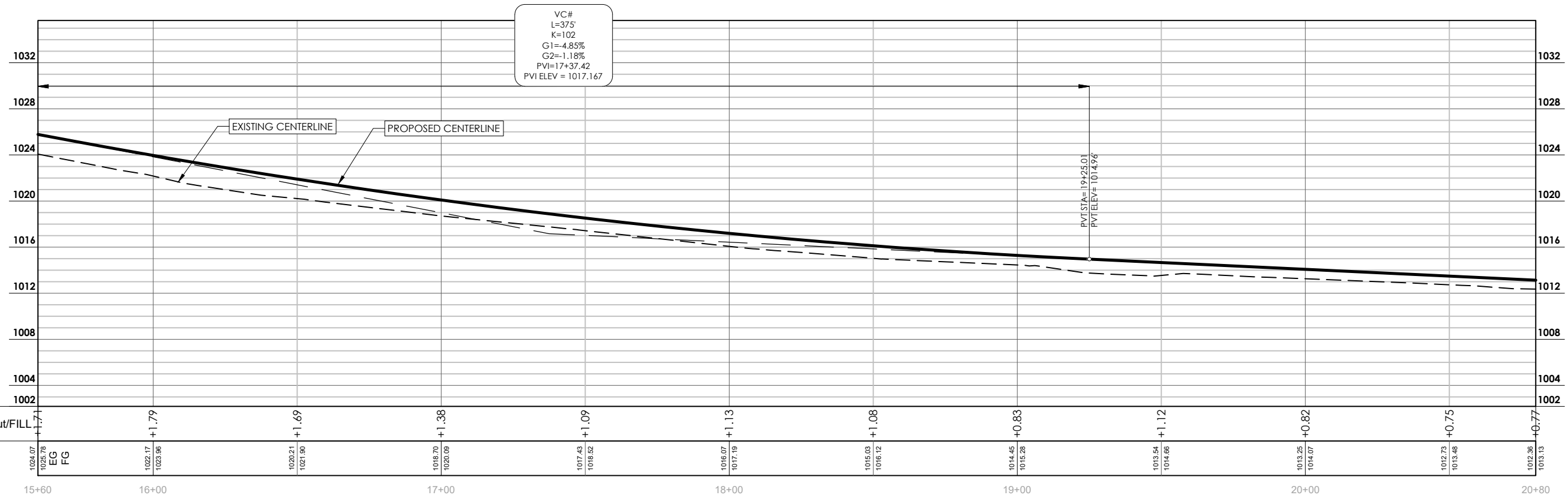
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TO THE

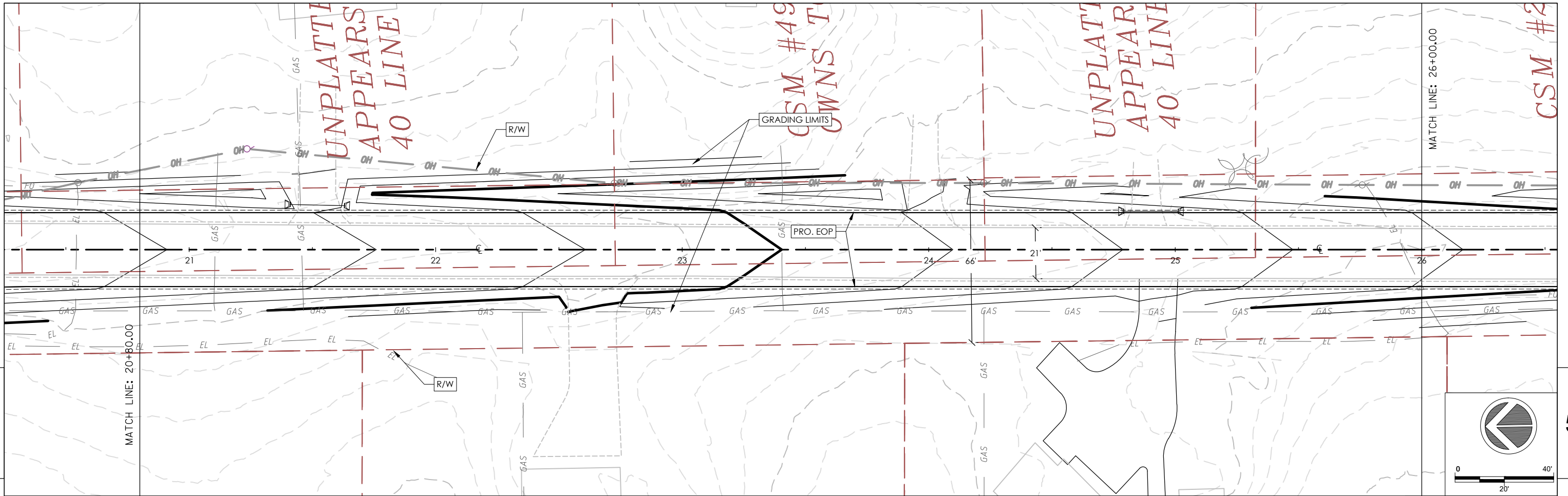
UNPLATTED L
APPEARS TO
40 LINE



VC#
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K=102
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G2=-1.18%
PVI=17+37.42
PVI ELEV = 1017.167

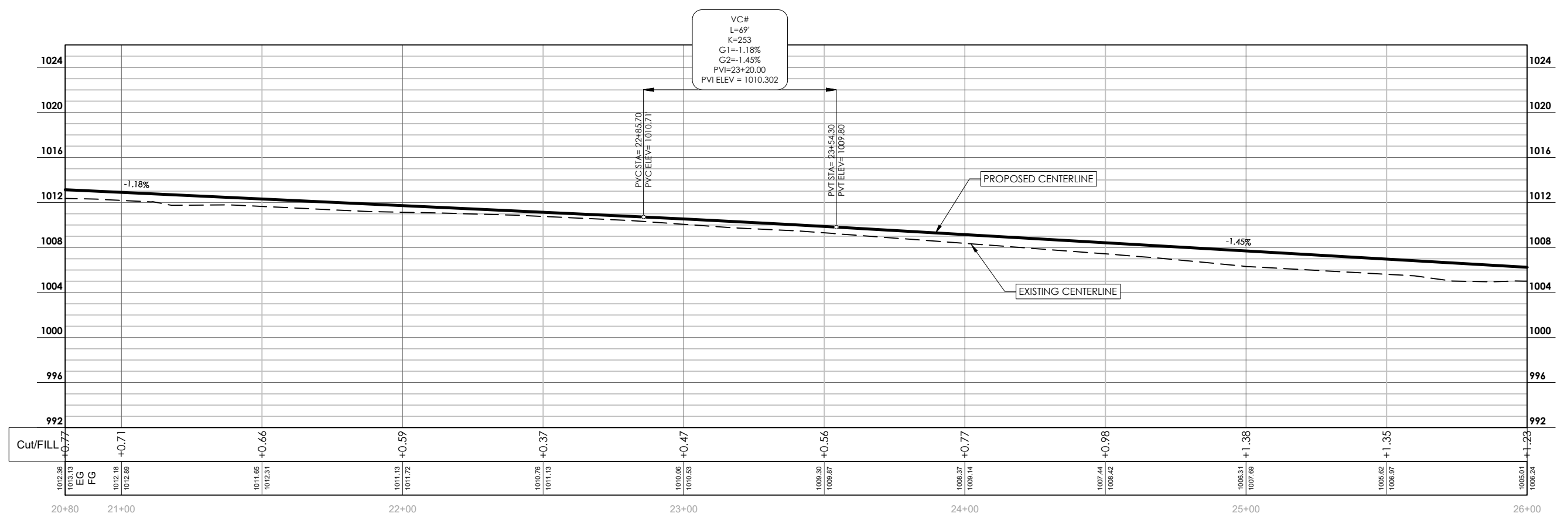
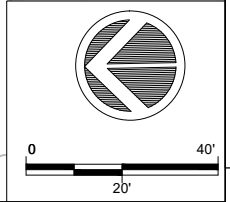
PVI STA= 19+25.01
PVI ELEV= 1014.96

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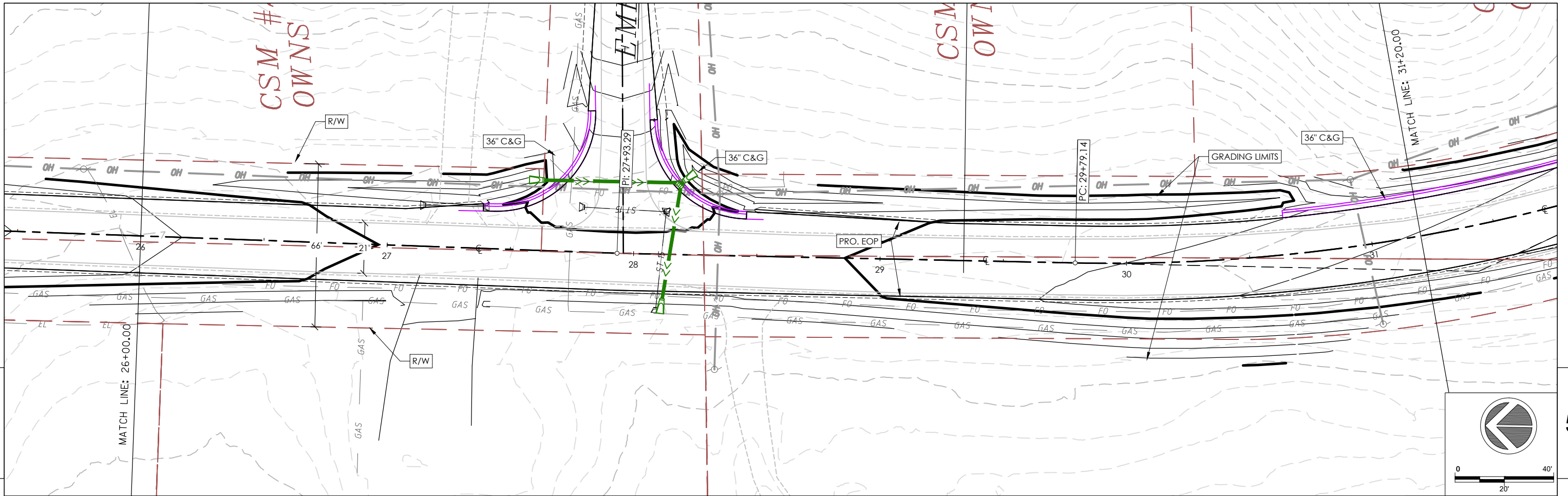


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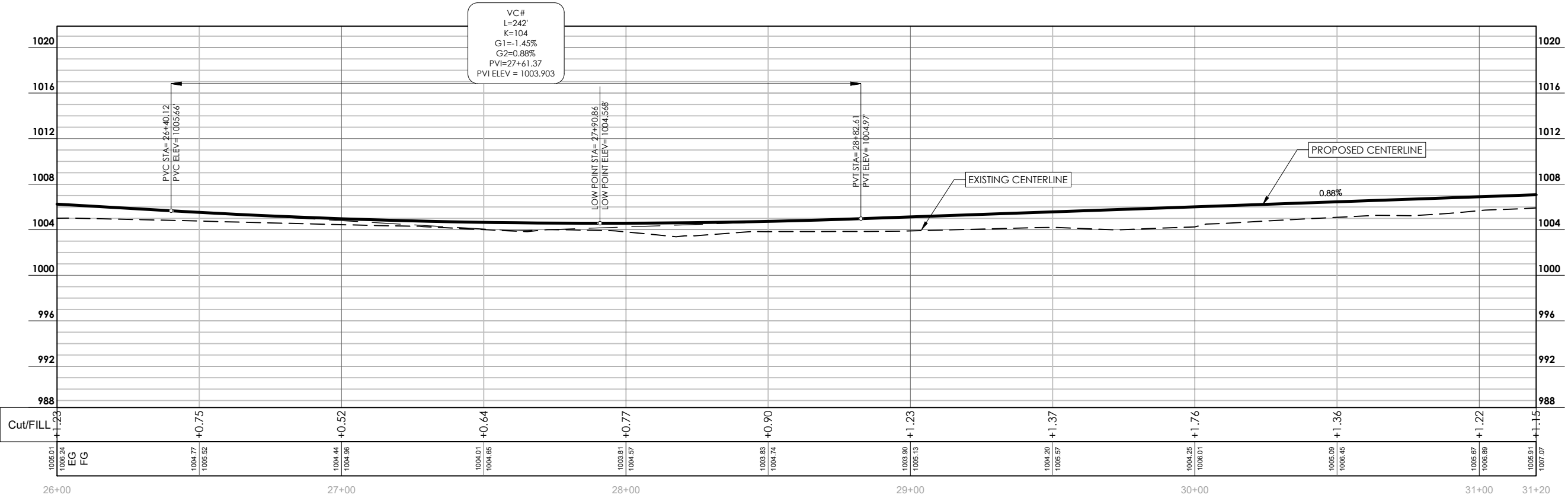
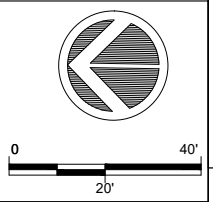


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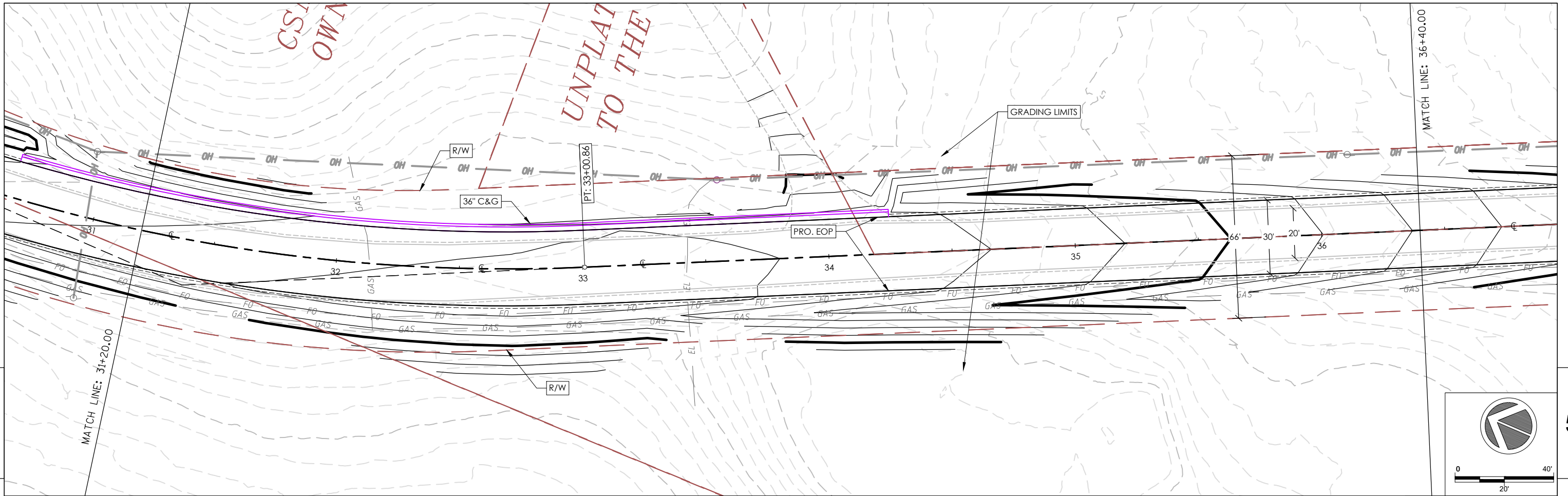


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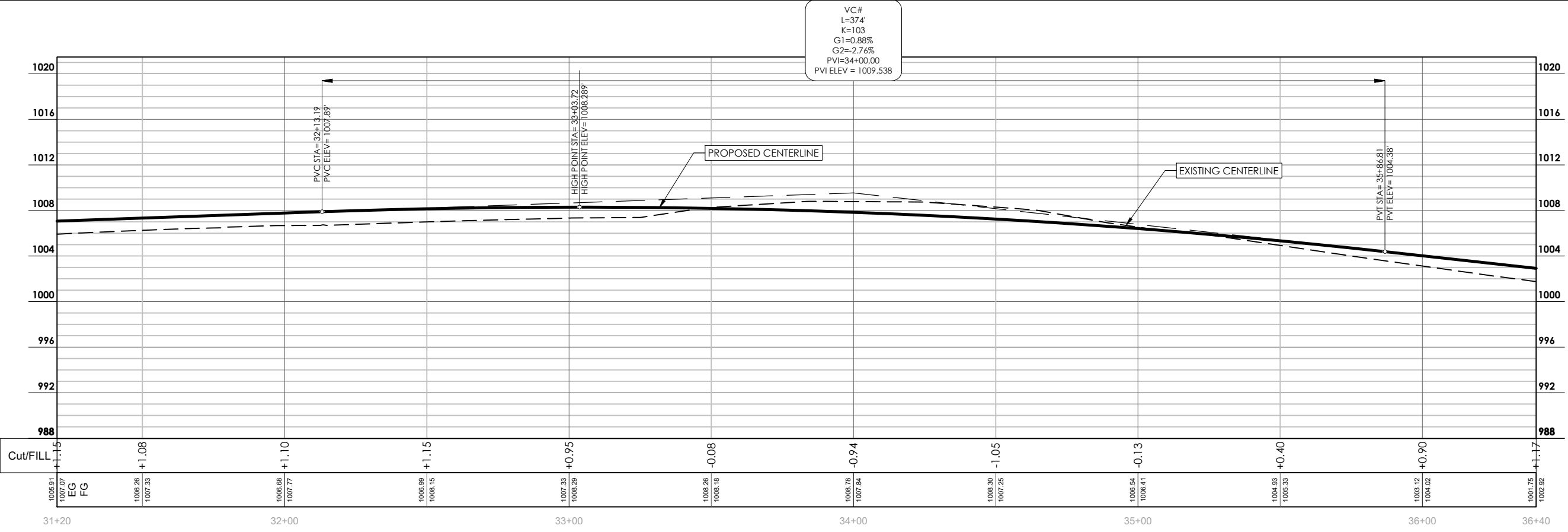
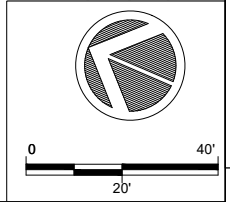


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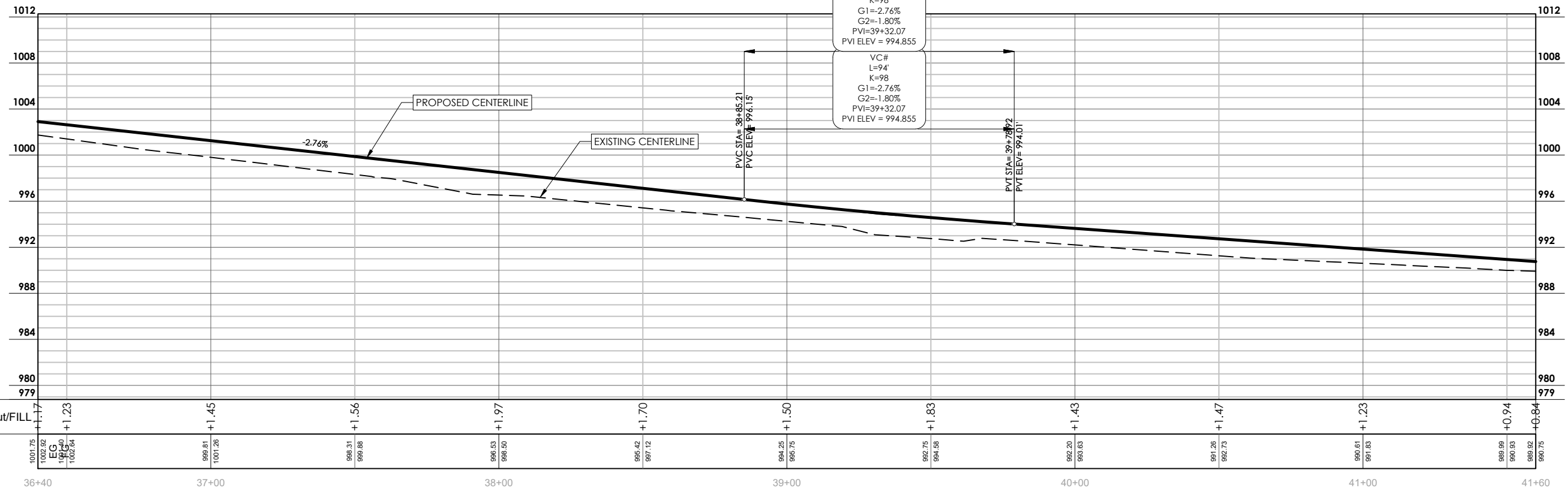
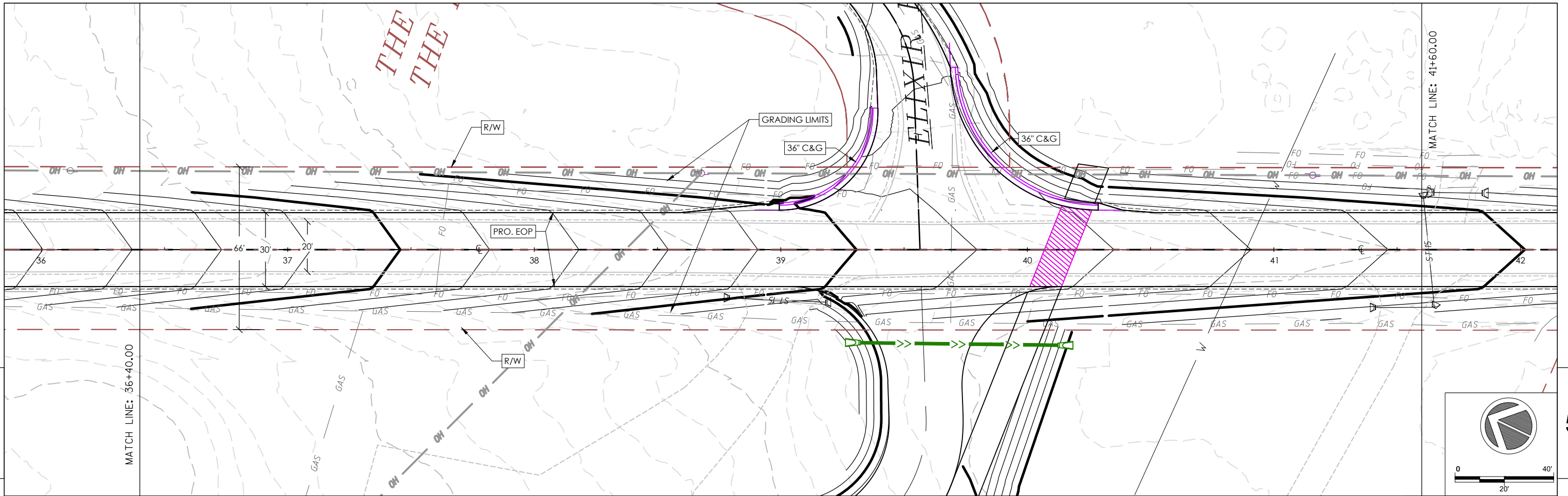
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PROJECT NO: 18112/39508802306 HWY: ELLSWORTH RD COUNTY: MONROE COUNTY PLAN AND PROFILE: PLAN&PROFILE ELLSWORTH RD SHEET **C5.6** E

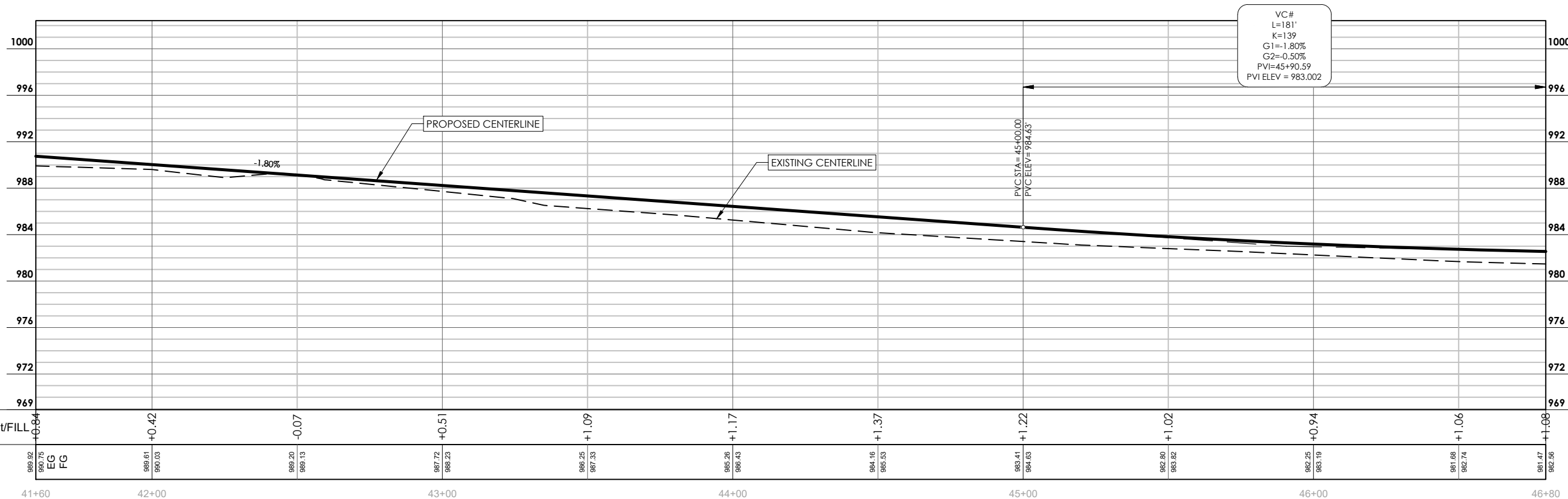
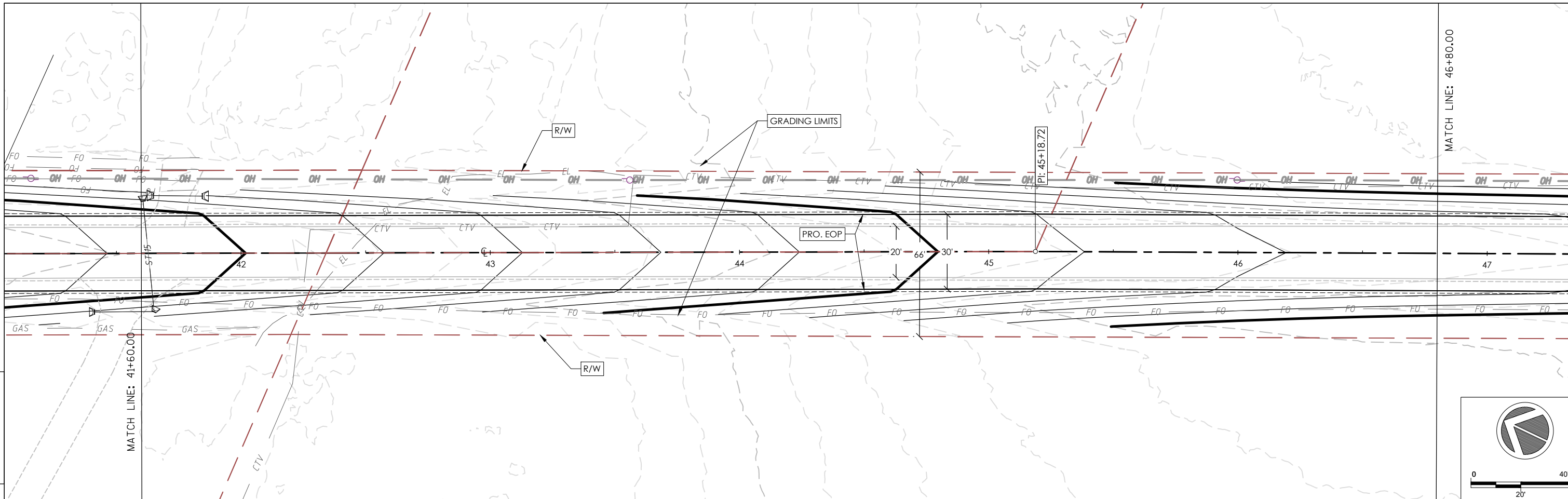
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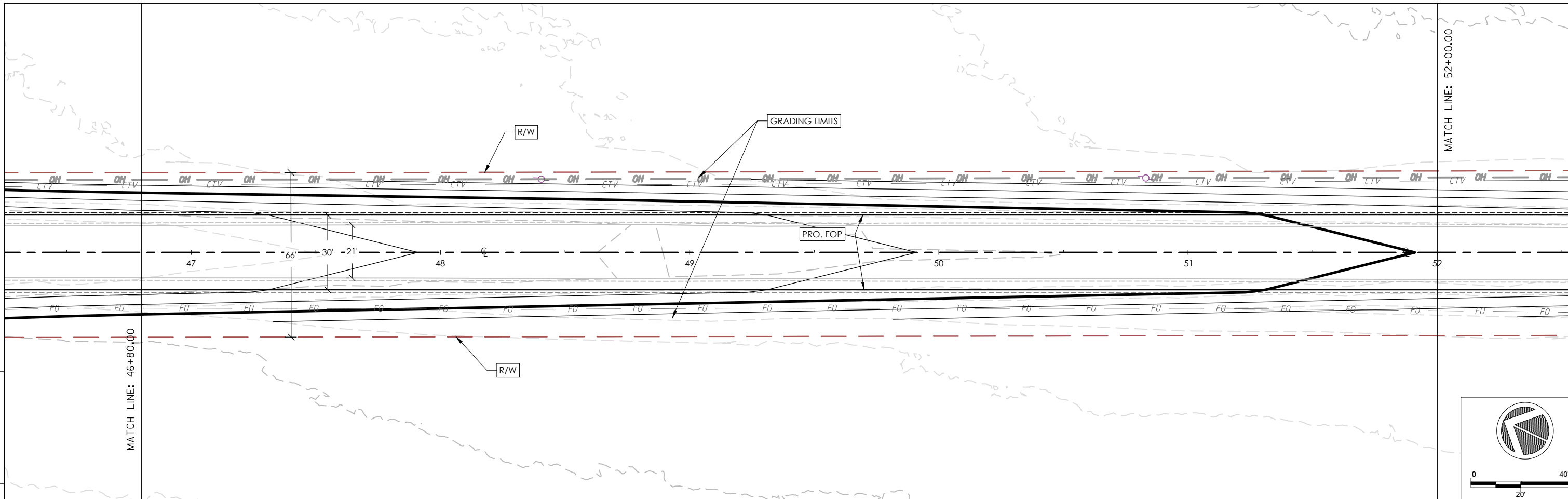
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PROJECT NO: 18112/39508802306 HWY: ELLSWORTH RD COUNTY: MONROE COUNTY PLAN AND PROFILE: PLAN&PROFILE ELLSWORTH RD SHEET **C5.7** E

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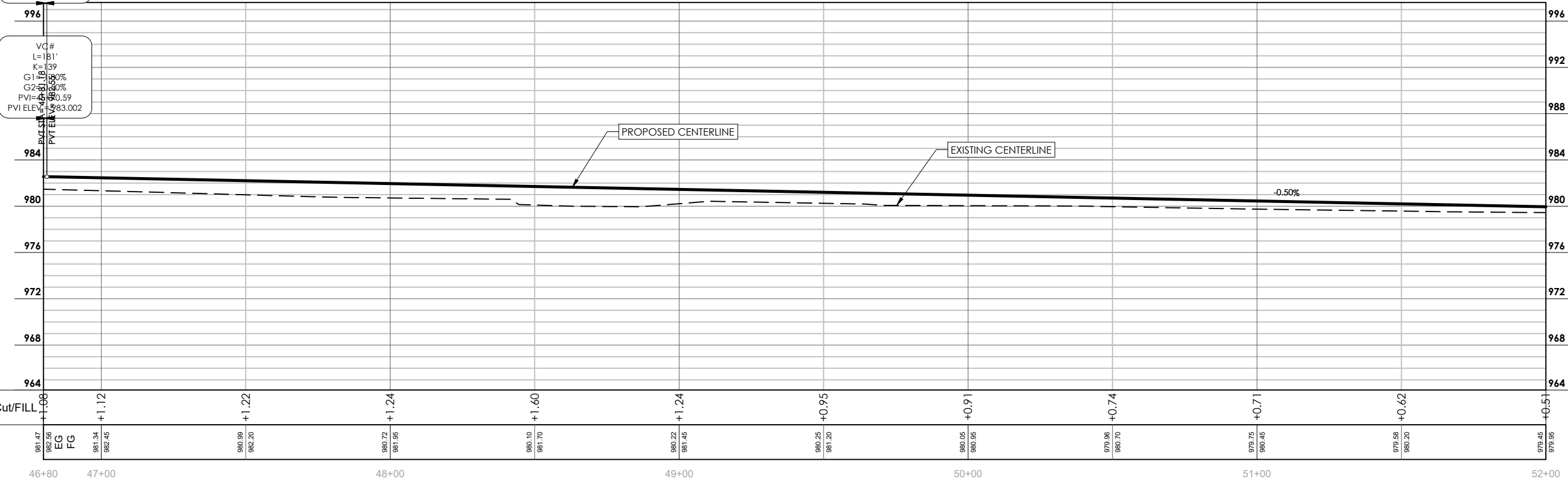


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K=139
 G1=-1.80%
 G2=-0.50%
 PVI=45+90.59
 PVI ELEV = 983.002

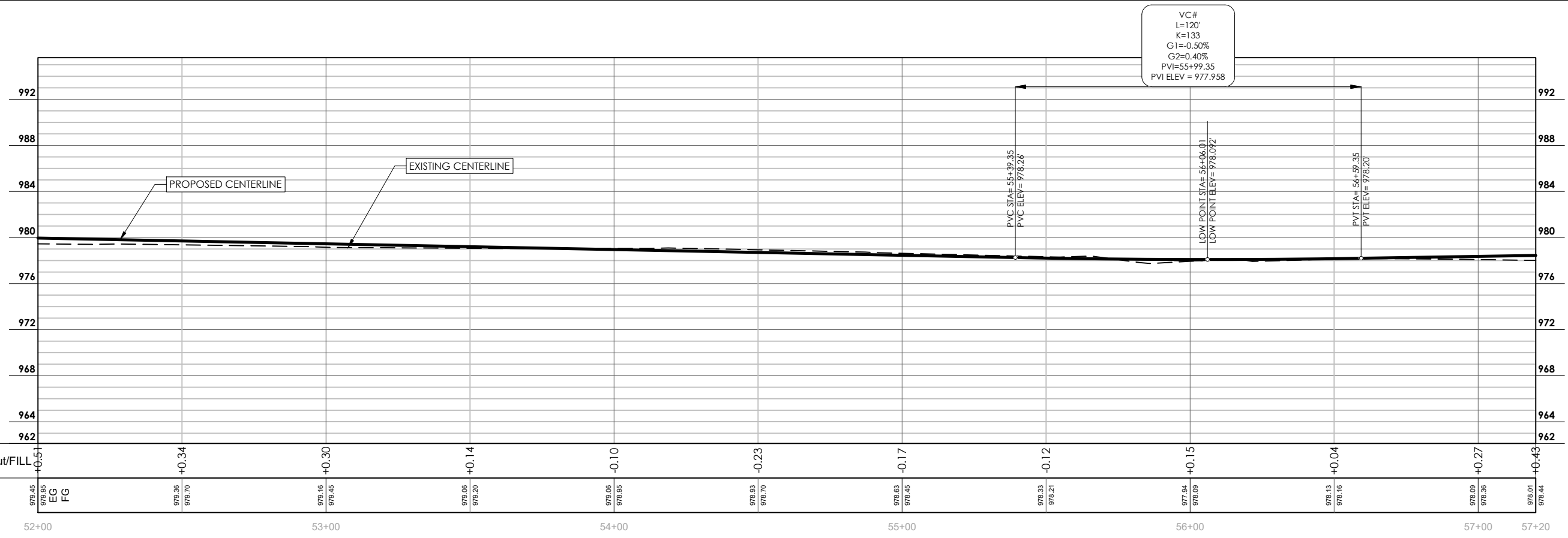
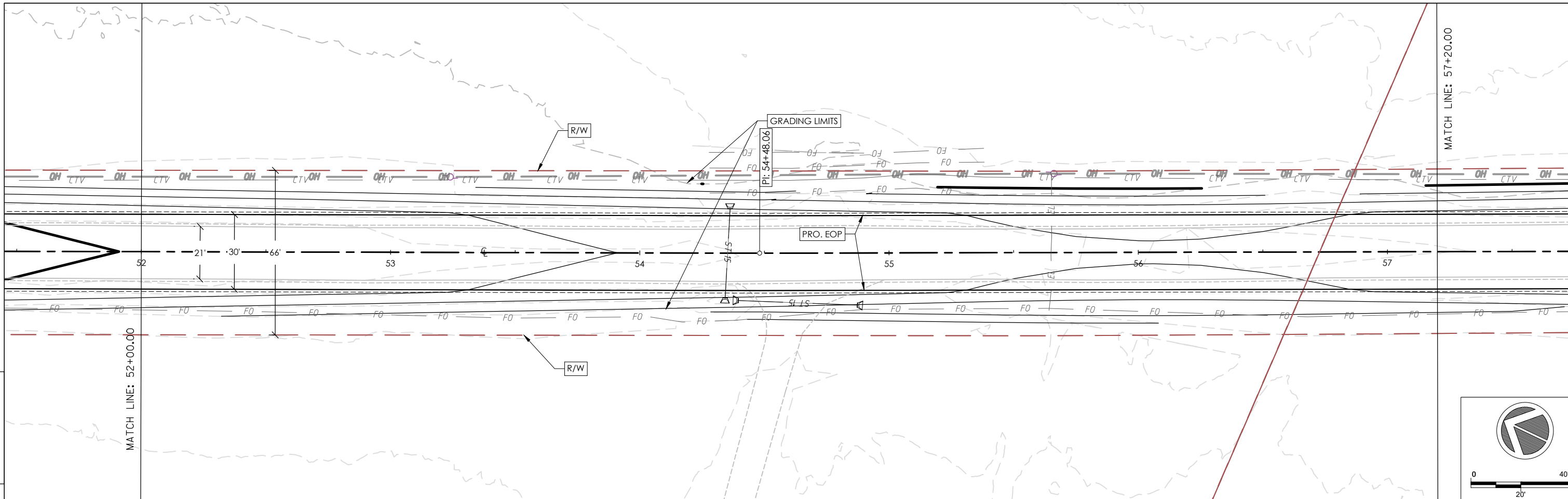
VC#
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 K=139
 G1=-1.80%
 G2=-0.50%
 PVI=45+90.59
 PVI ELEV = 983.002



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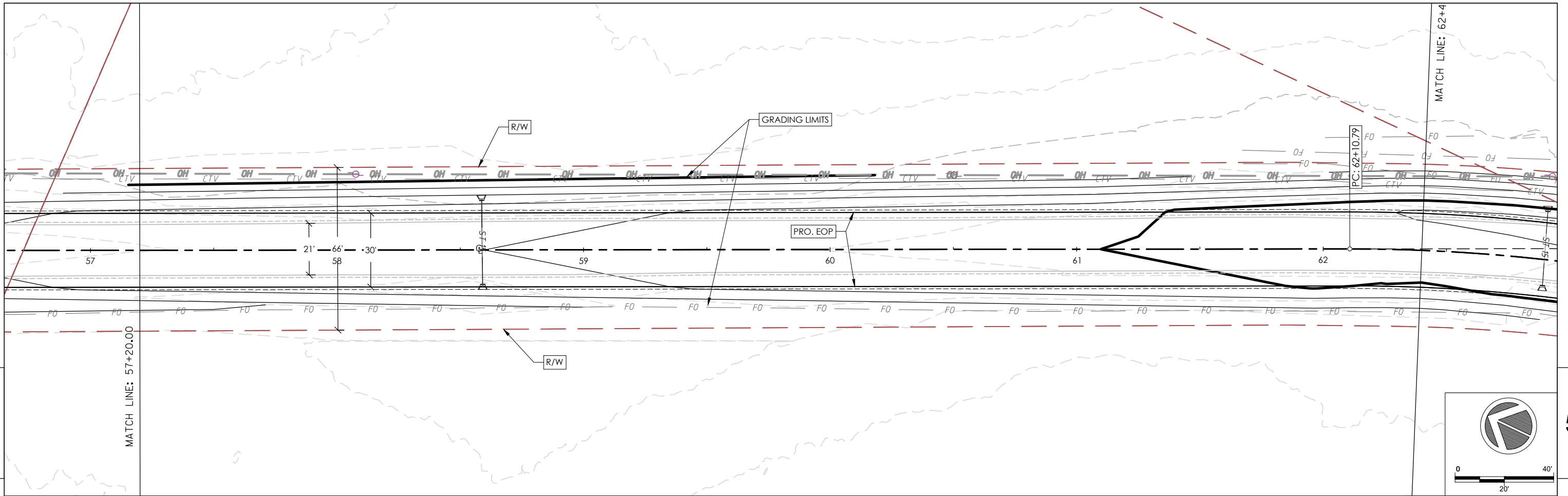
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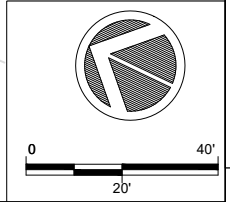
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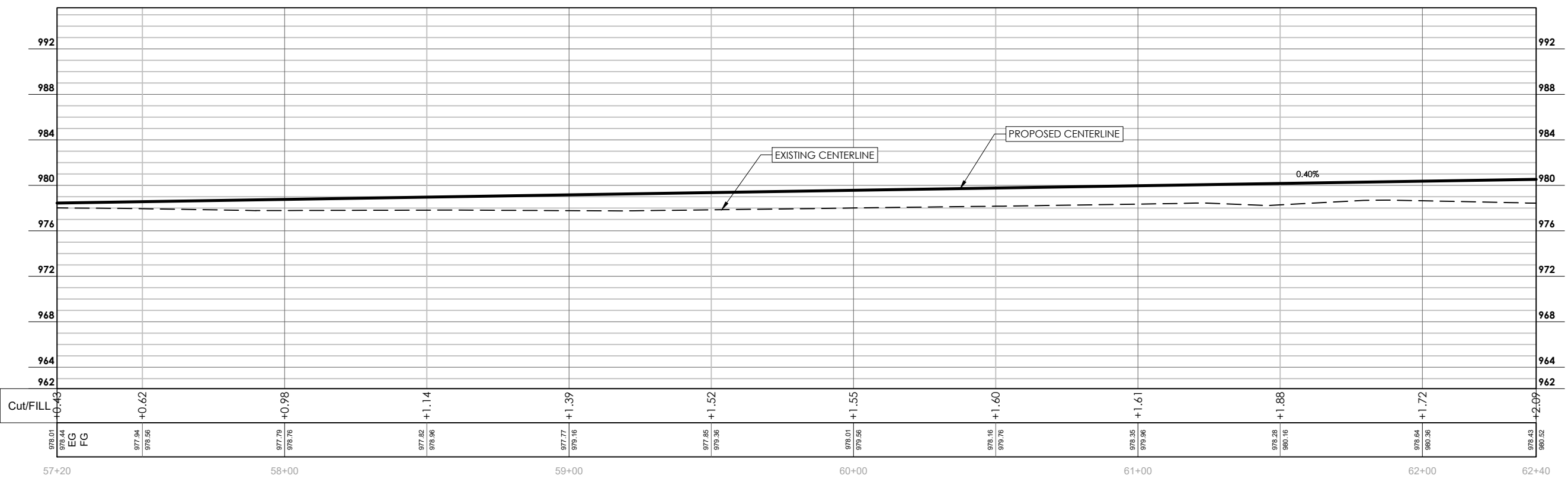


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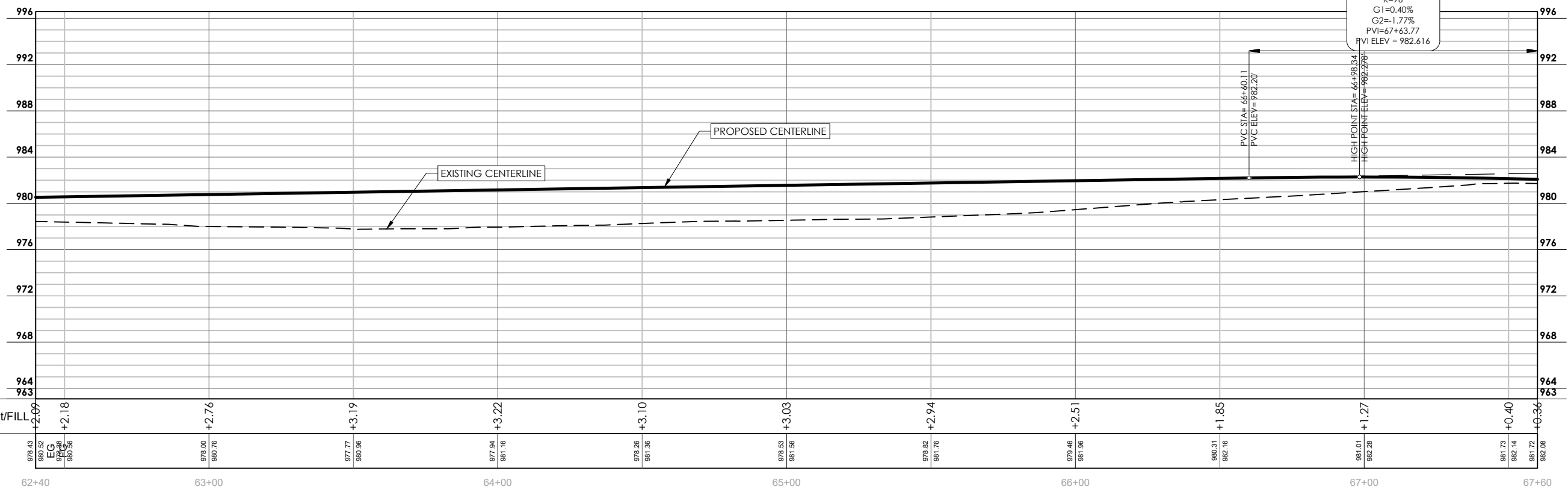
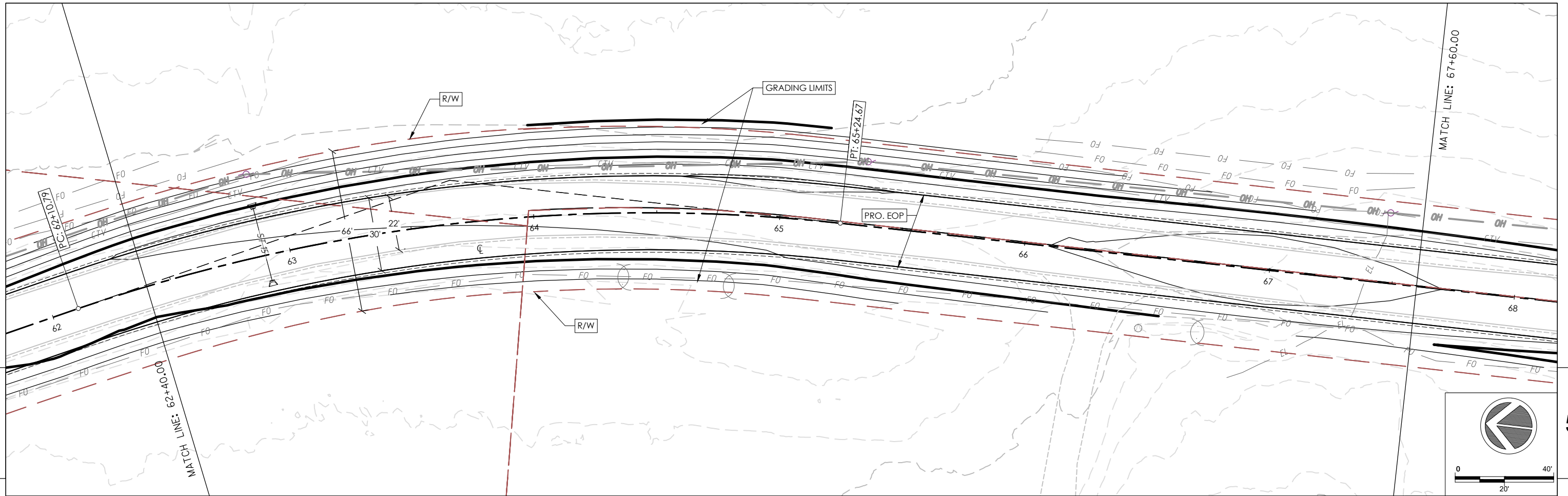


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PROJECT NO: 18112/39508802306 HWY: ELLSWORTH RD COUNTY: MONROE COUNTY PLAN AND PROFILE: PLAN&PROFILE ELLSWORTH RD SHEET **C5.11** **E**

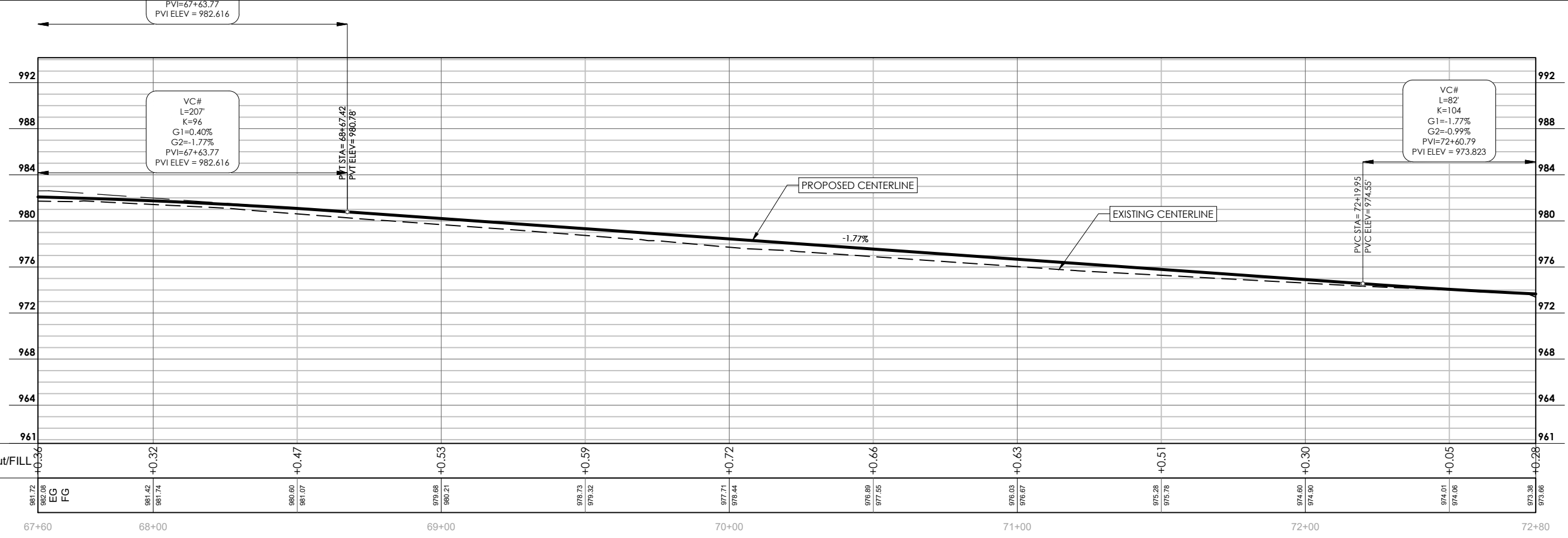
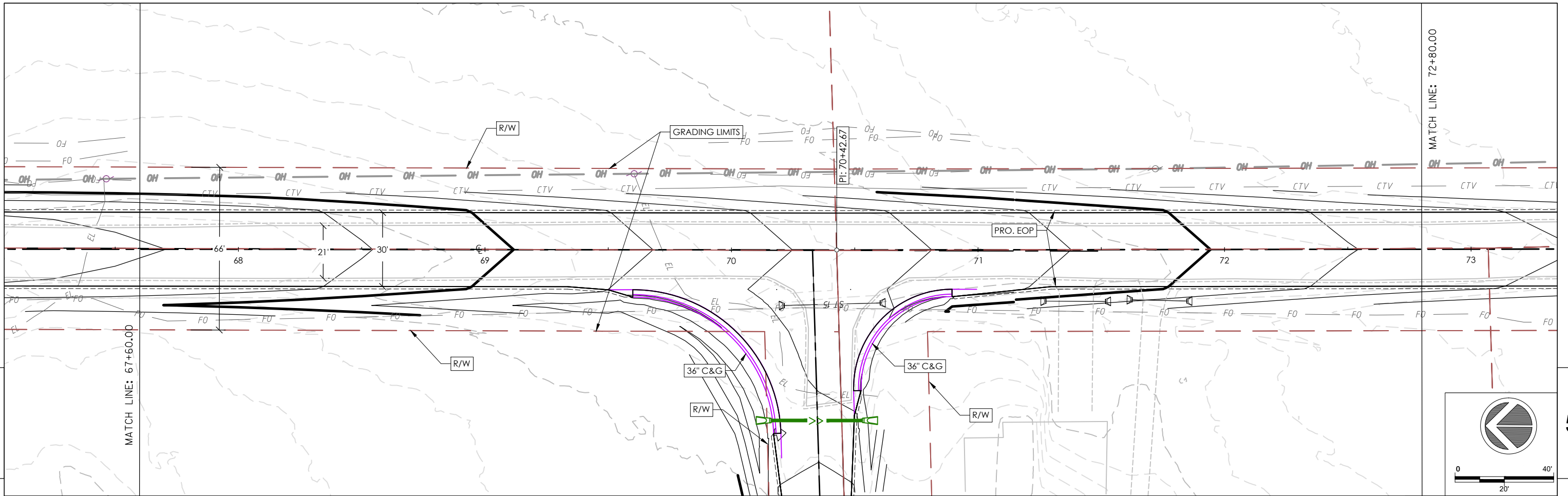
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PROJECT NO: 18112/39508802306 HWY: ELLSWORTH RD COUNTY: MONROE COUNTY PLAN AND PROFILE: PLAN&PROFILE ELLSWORTH RD SHEET **C5.12** E

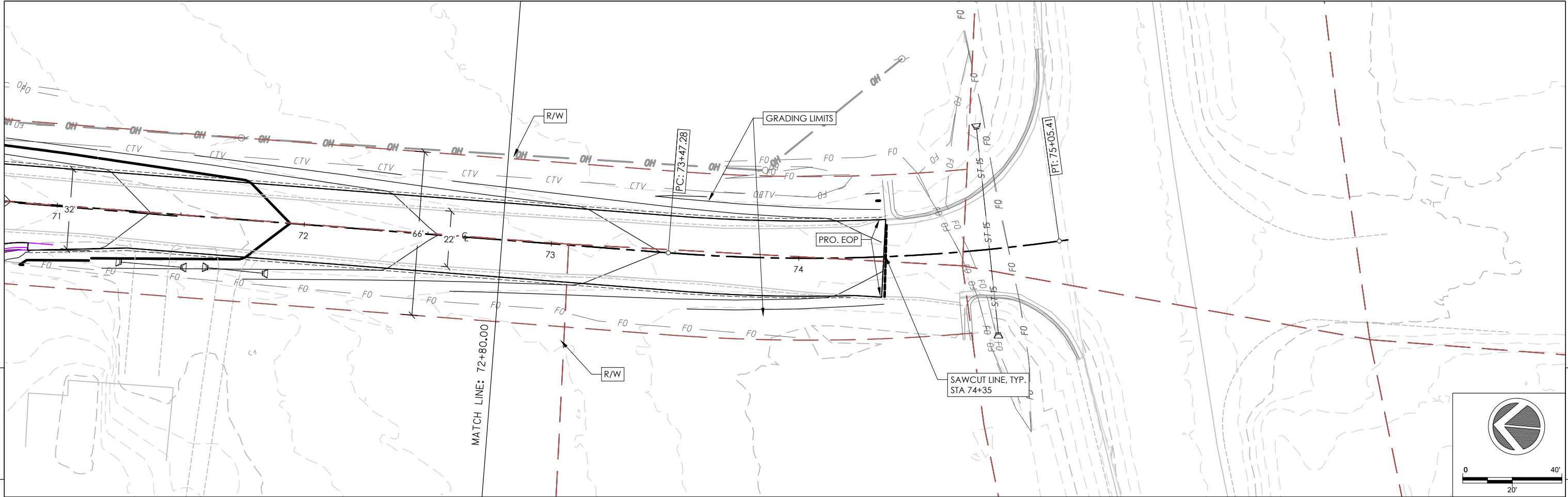
FILE NAME: F:\Q2\2023\Q23189 ELLSWORTH RD T LA GRANGE\CAD\PLAN_PROFILES.DWG PLOT DATE: 1/10/2024 12:22 PM PLOT BY: SSR PLOT NAME: PLOT SCALE: 1 IN:40 FT WISDOT/CADDs SHEET 44



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

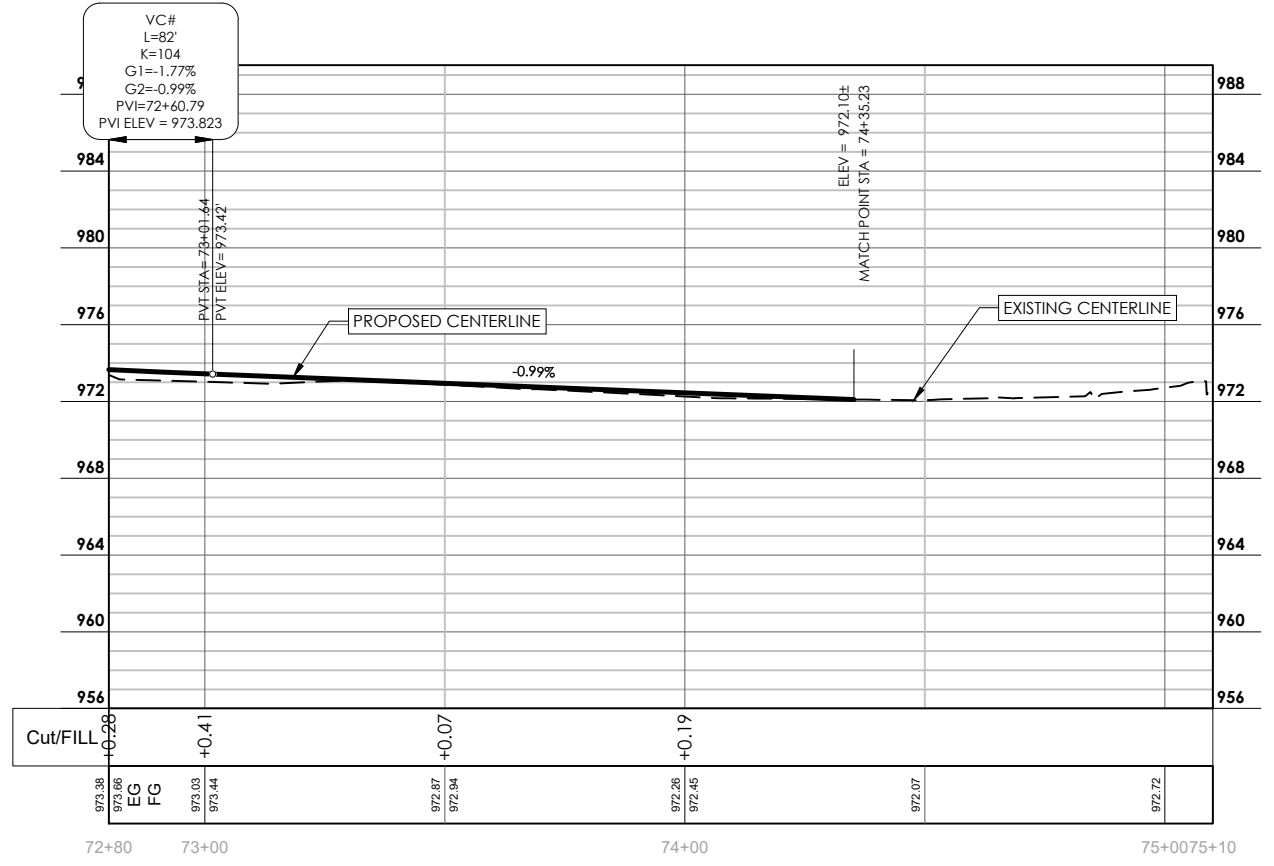
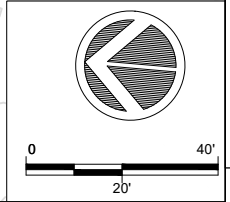
PROJECT NO: 18112/39508802306 HWY: ELLSWORTH RD COUNTY: MONROE COUNTY PLAN AND PROFILE: PLAN&PROFILE ELLSWORTH RD SHEET **C5.13** **E**

FILE NAME: F:\Q2\2023\Q23189 ELLSWORTH RD T LA GRANGE\CAD\PLAN_PROFILES.DWG PLOT DATE: 1/10/2024 12:22 PM PLOT BY: SSR PLOT NAME: PLOT SCALE: 1 IN=40 FT WISDOT/CADD SHEET 44



5

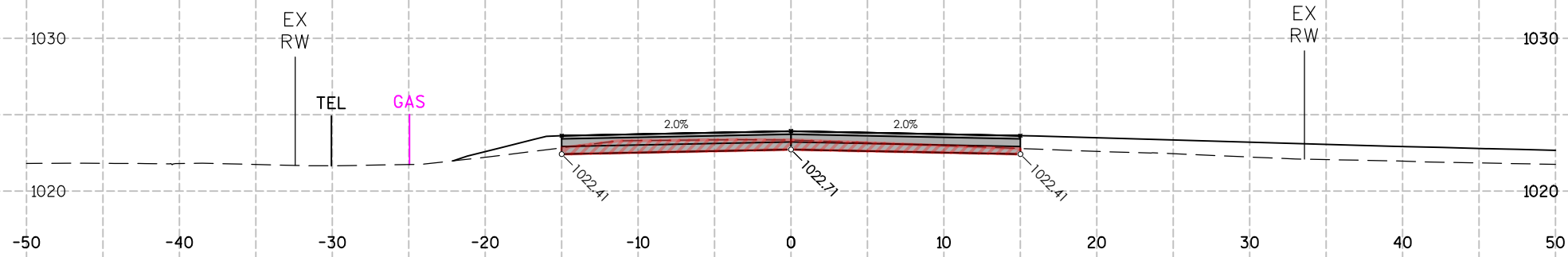
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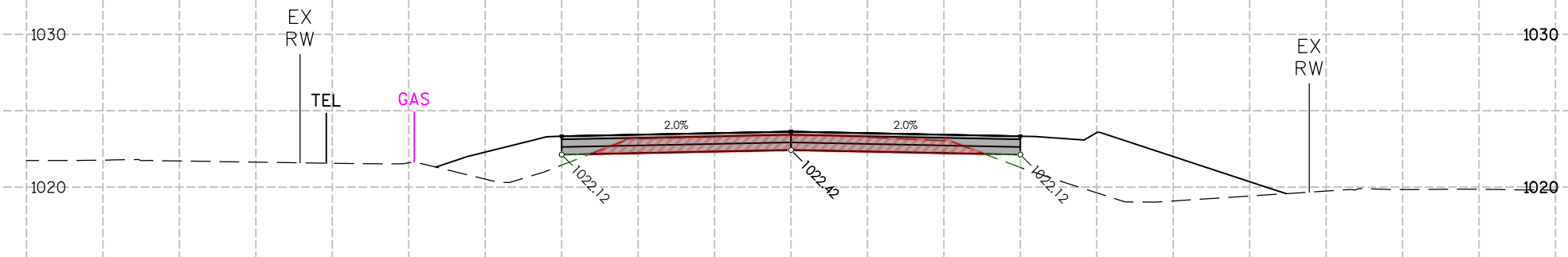
DIGGERSHOTLINE
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PROJECT NO: 18112/39508802306 HWY: ELLSWORTH RD COUNTY: MONROE COUNTY PLAN AND PROFILE: PLAN&PROFILE ELLSWORTH RD SHEET **C5.14** E

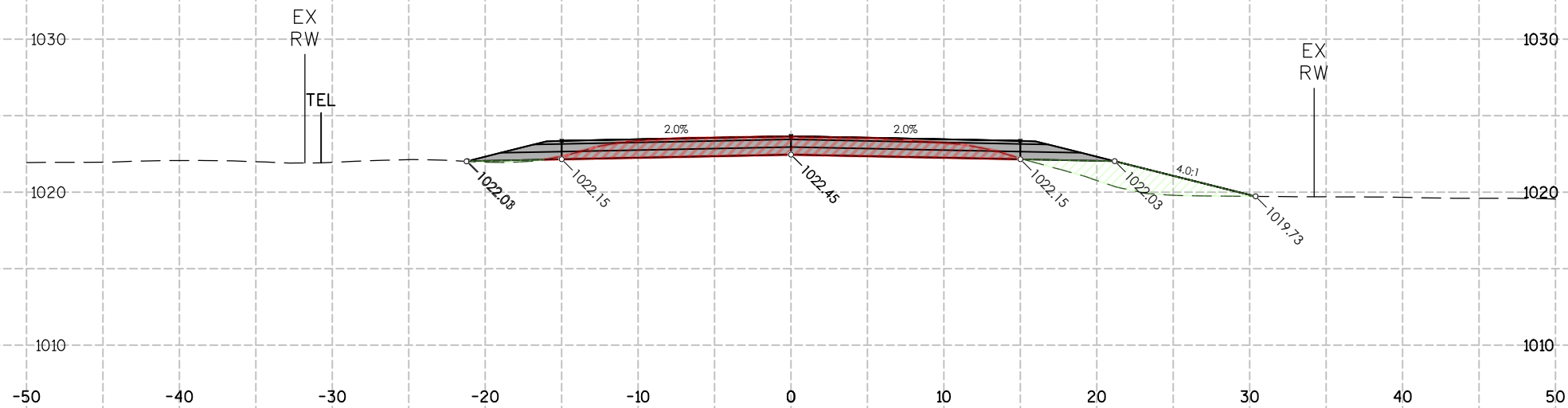
FILE NAME: F:\Q2\2023\Q23189 ELLSWORTH RD T LA GRANGE\CAD\PLAN_PROFILES.DWG PLOT DATE: 1/10/2024 12:22 PM PLOT BY: SSR PLOT NAME: PLOT SCALE: 1 IN:40 FT WISDOT/CADD SHEET 44



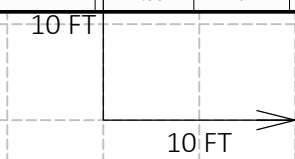
CUT/FILL STA:1+50.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	18.07	37	86
GROUND FILL	0.00	1	16



CUT/FILL STA:1+00.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	22.21	48	48
GROUND FILL	1.62	15	15

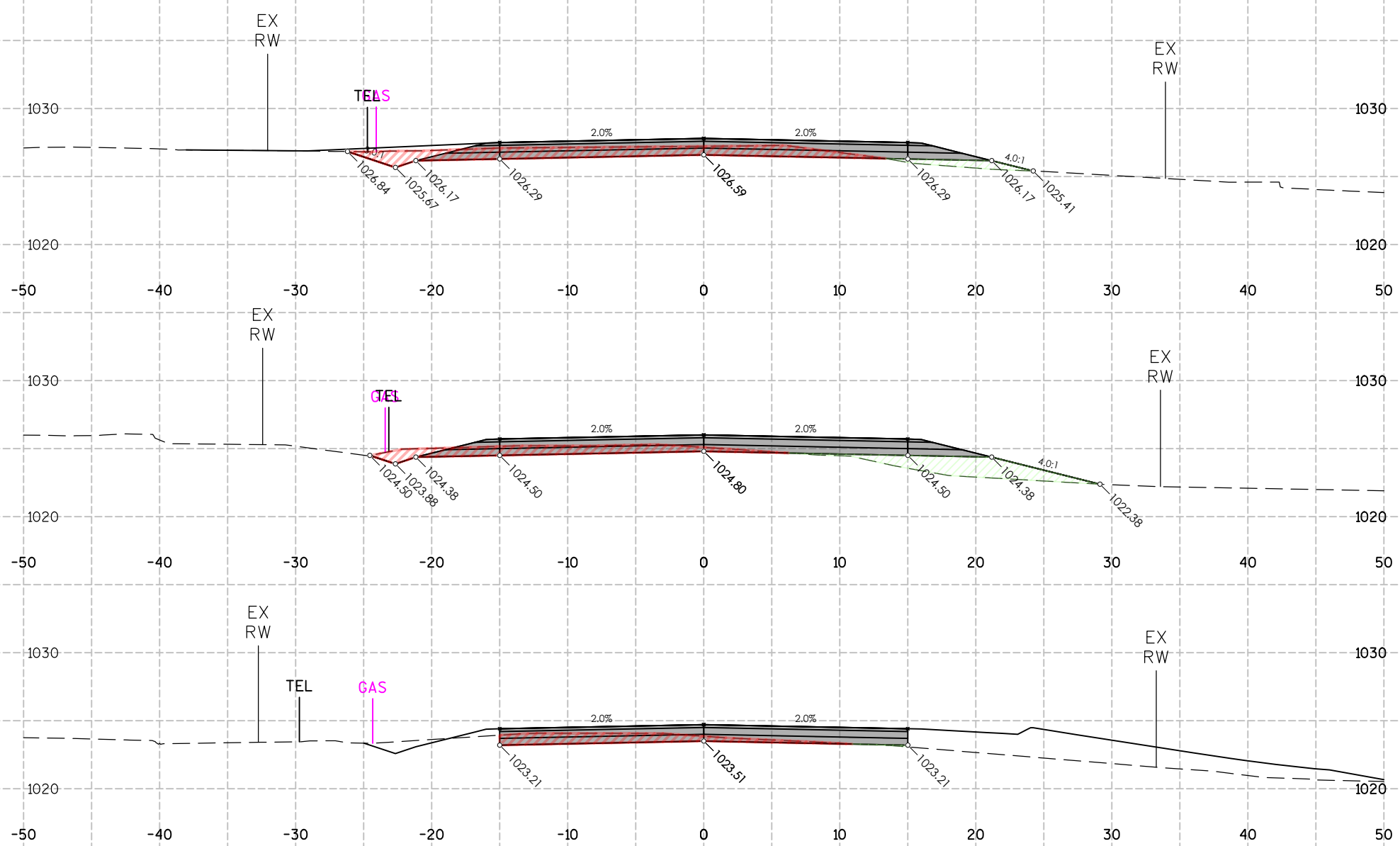


CUT/FILL STA:0+50.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	30.09	0	0
GROUND FILL	14.56	0	0



6

6



CUT/FILL STA:3+00.00

ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	26.34	39	179
GROUND FILL	4.02	19	52

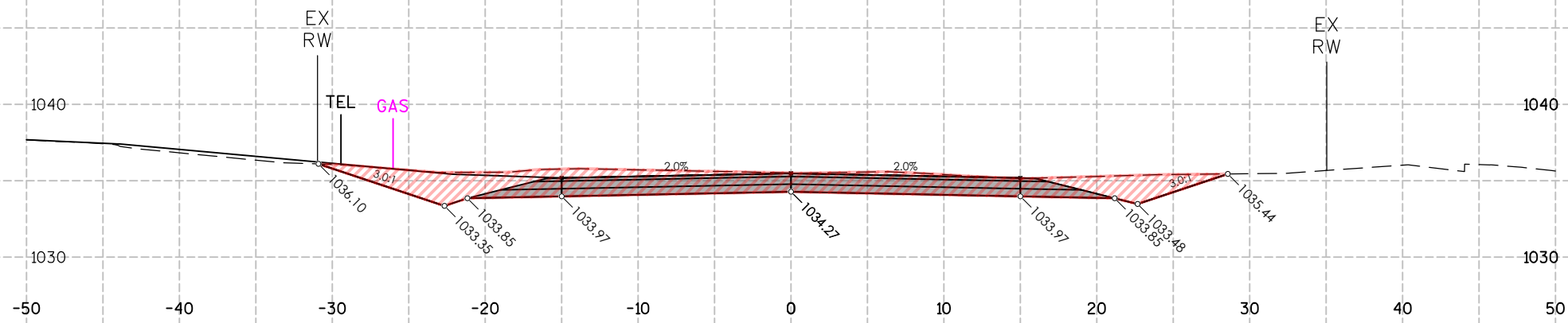
CUT/FILL STA:2+50.00

ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	15.72	26	140
GROUND FILL	17.02	16	33

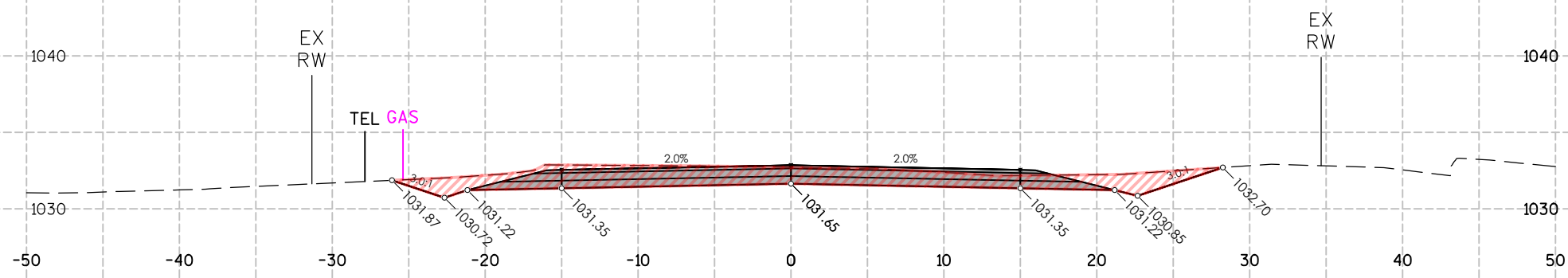
CUT/FILL STA:2+00.00

ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	12.19	28	114
GROUND FILL	0.20	0	17

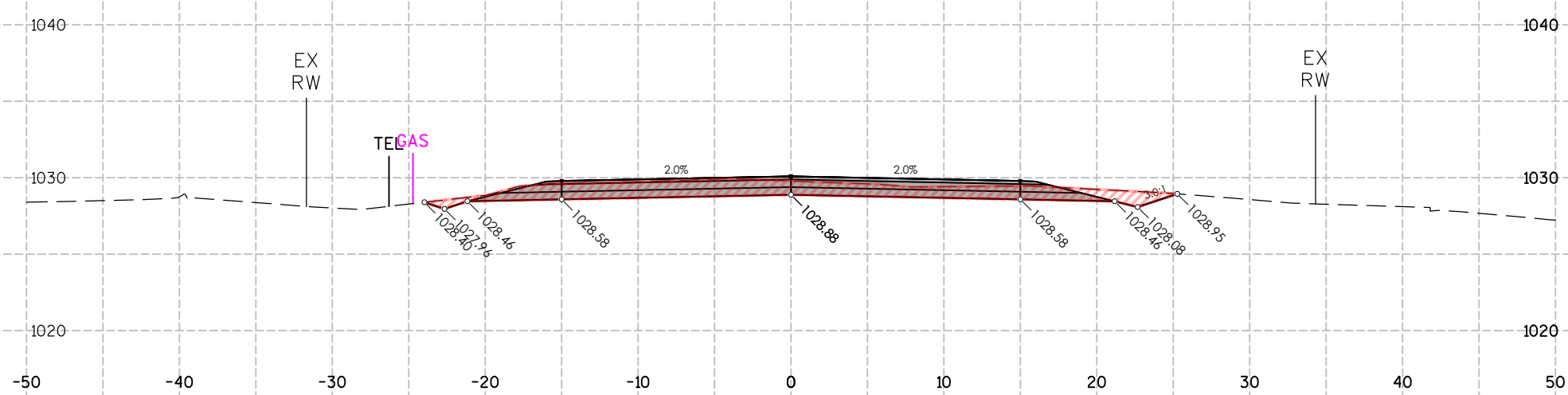
10 FT



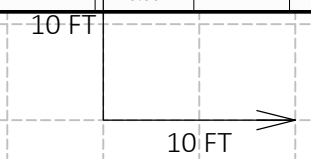
CUT/FILL STA:4+50.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	81.57	128	460
GROUND FILL	0.00	0	56



CUT/FILL STA:4+00.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	57.06	91	332
GROUND FILL	0.00	0	56

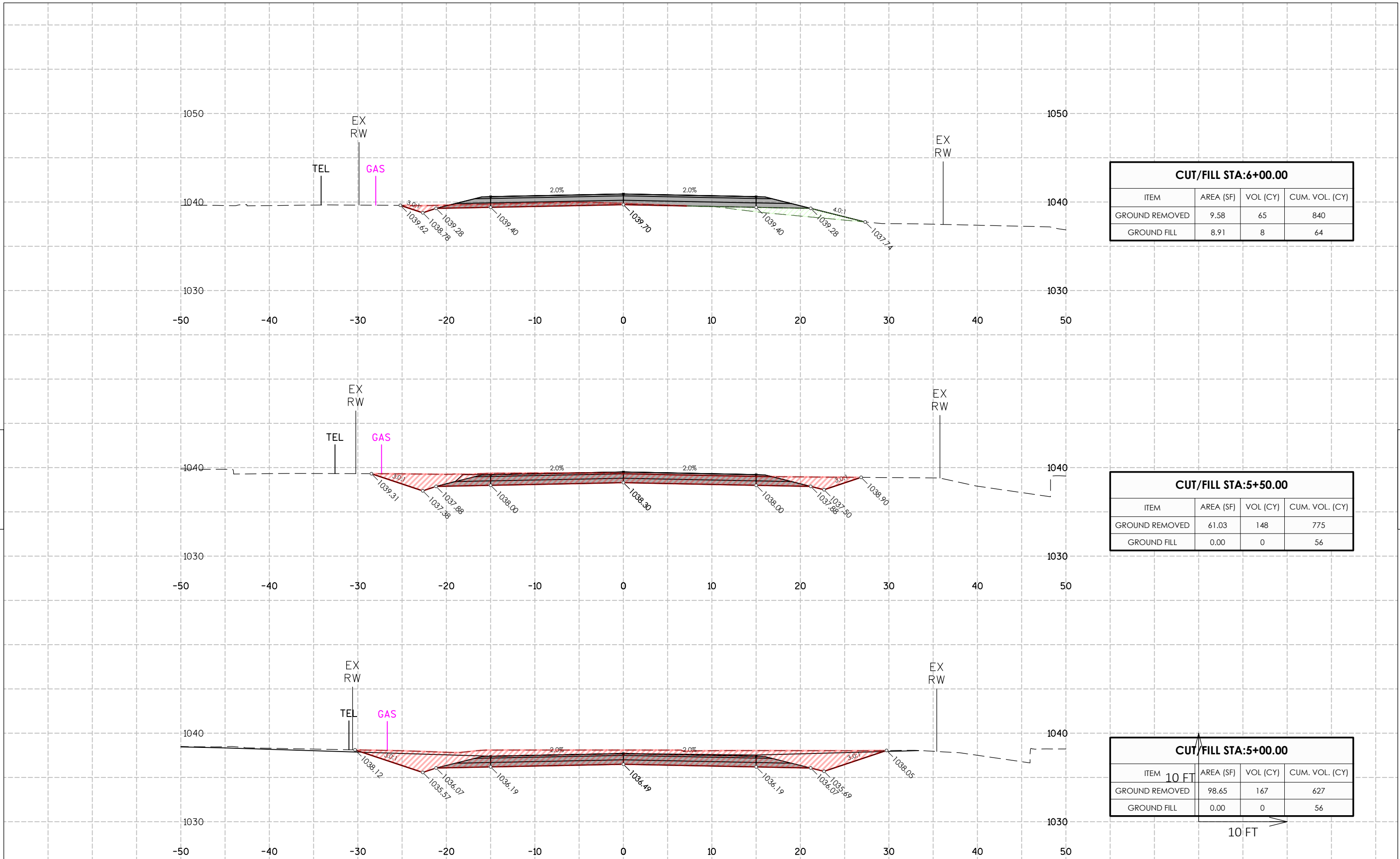


CUT/FILL STA:3+50.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	41.17	63	241
GROUND FILL	0.00	4	56



6

6



CUT/FILL STA:6+00.00

ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	9.58	65	840
GROUND FILL	8.91	8	64

CUT/FILL STA:5+50.00

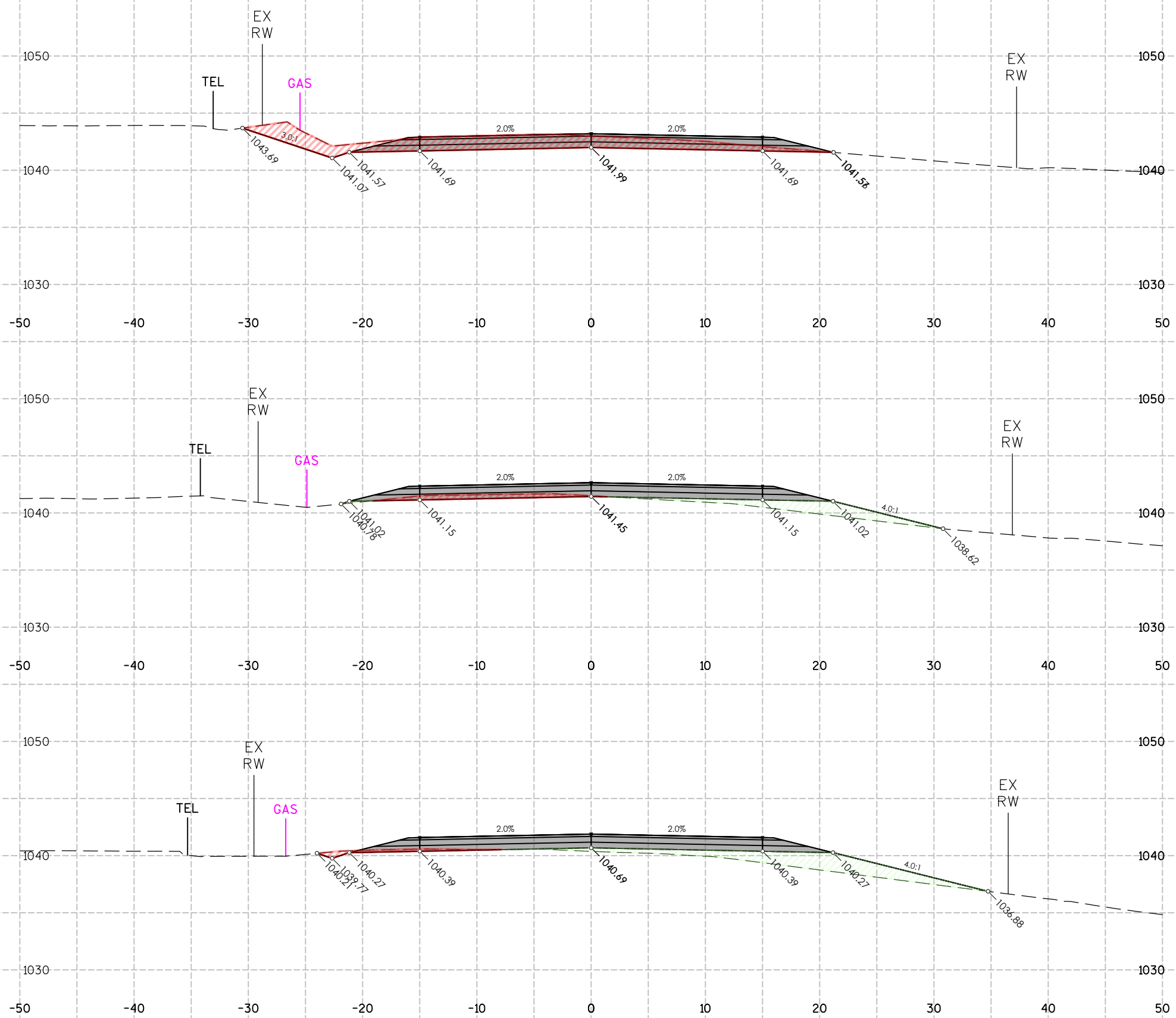
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	61.03	148	775
GROUND FILL	0.00	0	56

CUT/FILL STA:5+00.00

ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	98.65	167	627
GROUND FILL	0.00	0	56

6

6



CUT/FILL STA:7+50.00

ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	46.72	48	908
GROUND FILL	0.00	14	153

CUT/FILL STA:7+00.00

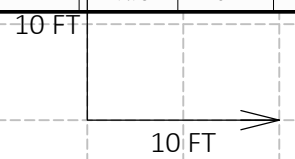
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	5.38	8	859
GROUND FILL	15.66	40	139

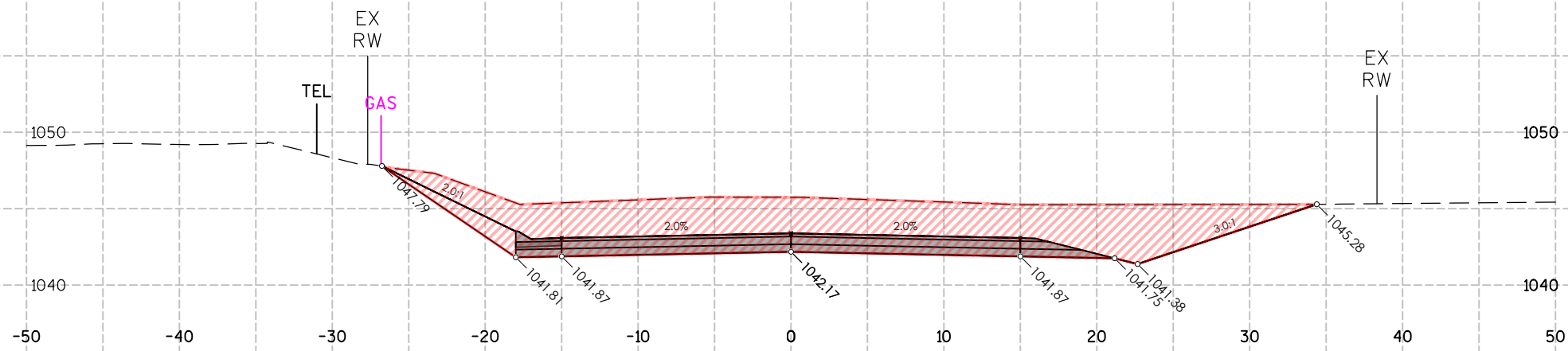
CUT/FILL STA:6+50.00

ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	2.72	11	852
GROUND FILL	27.98	34	98

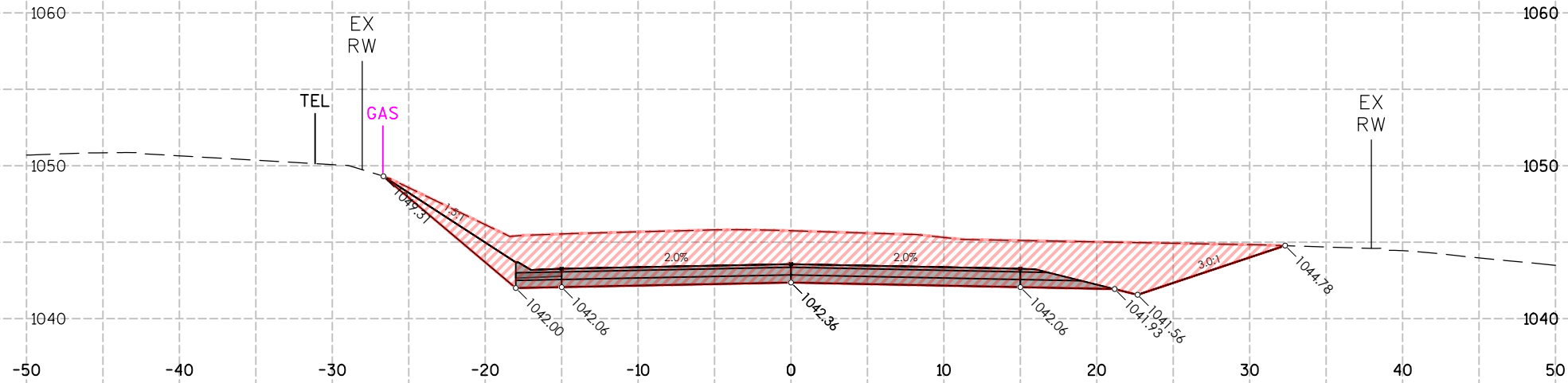
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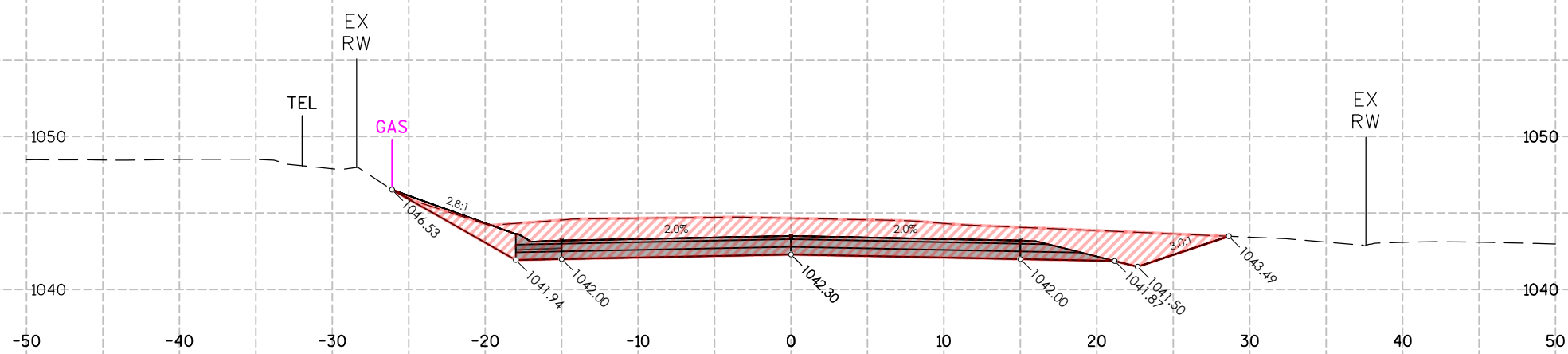




CUT/FILL STA:9+00.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	184.03	324	1,629
GROUND FILL	0.00	0	153



CUT/FILL STA:8+50.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	166.00	254	1,305
GROUND FILL	0.00	0	153

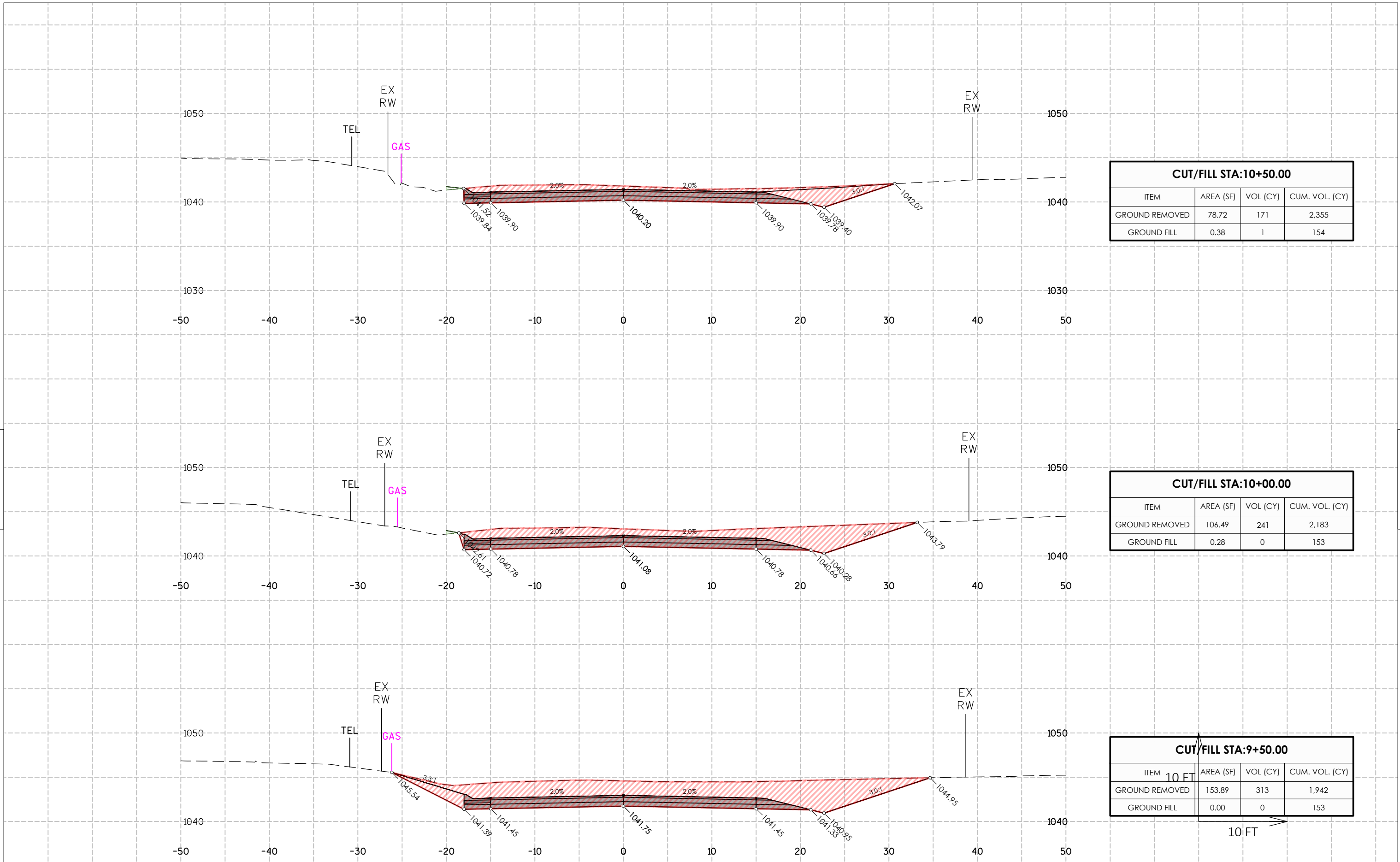


CUT/FILL STA:8+00.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	108.28	144	1,051
GROUND FILL	0.00	0	153

10 FT

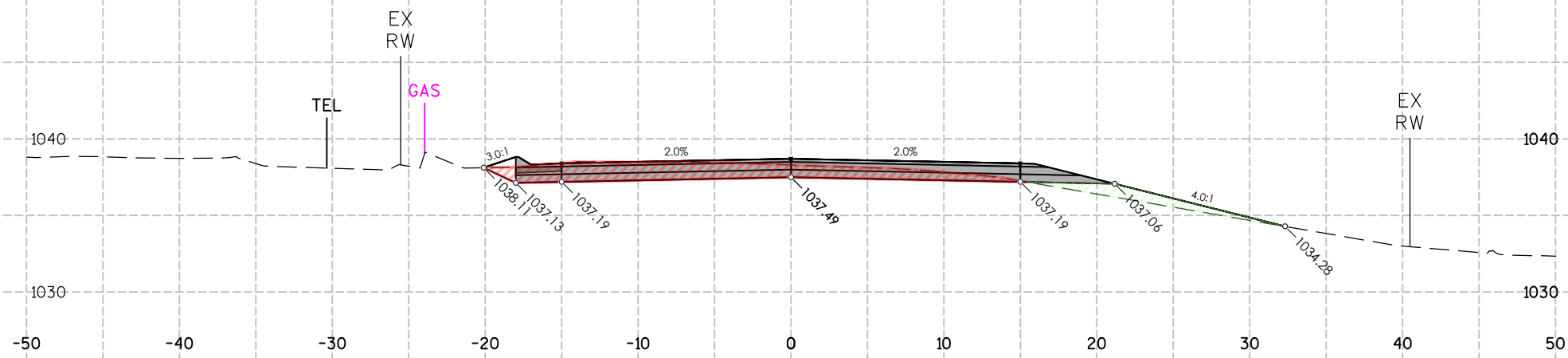
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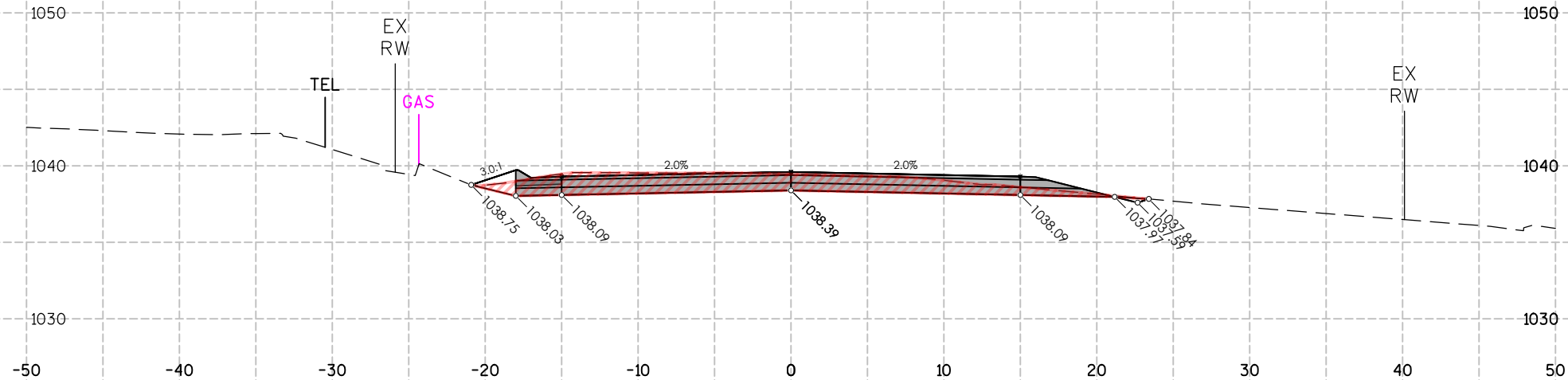


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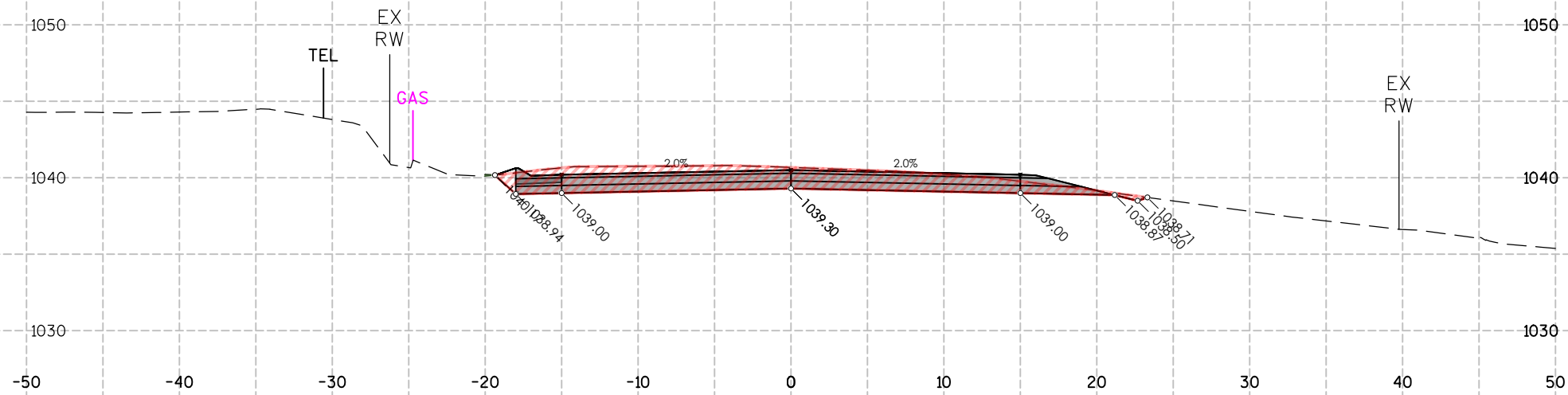
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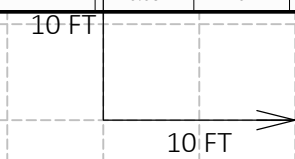
CUT/FILL STA:12+00.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	29.96	64	2,622
GROUND FILL	7.33	7	161



CUT/FILL STA:11+50.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	39.65	84	2,558
GROUND FILL	0.00	0	154

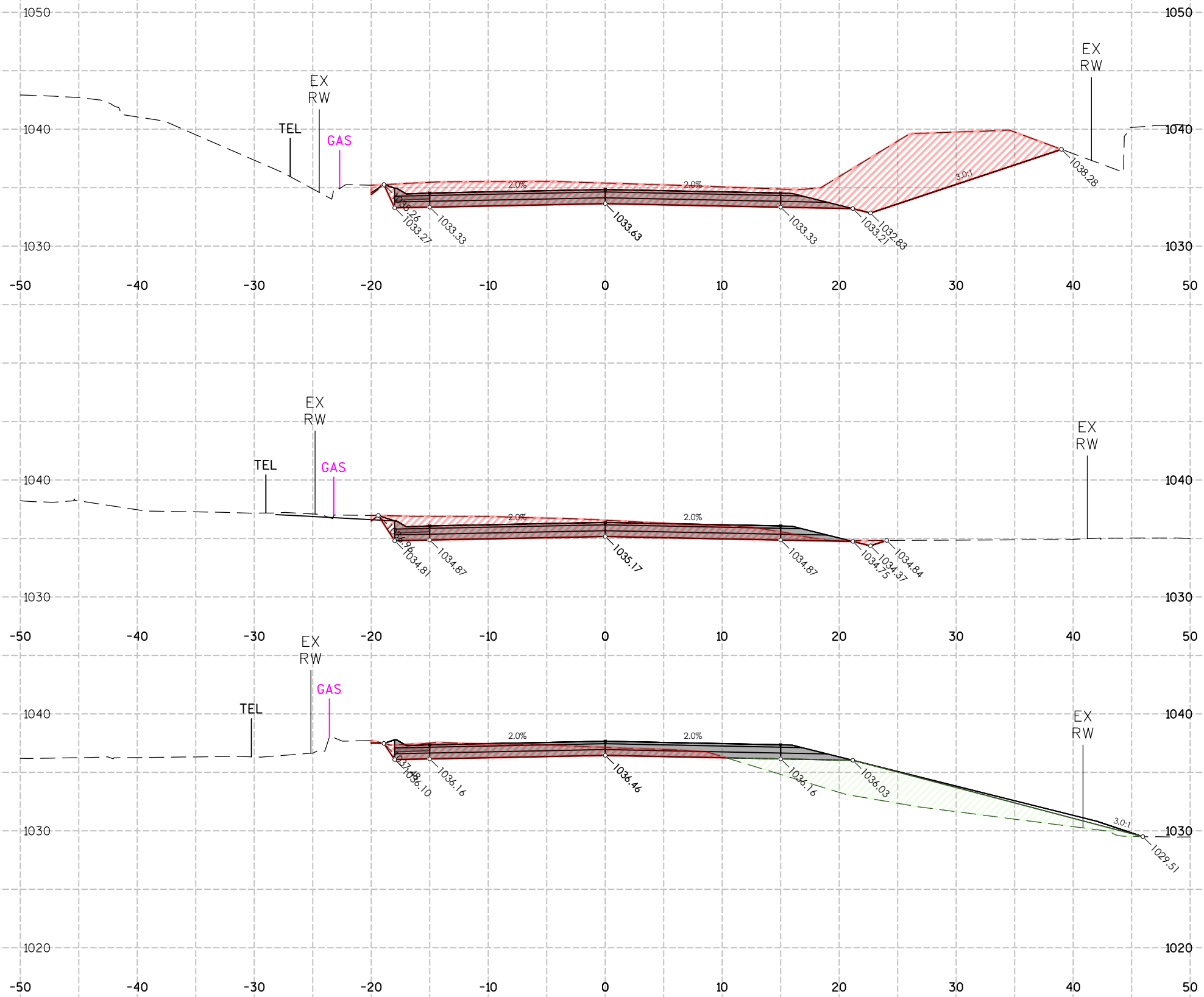


CUT/FILL STA:11+00.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	50.58	120	2,474
GROUND FILL	0.03	0	154



6

6



CUT/FILL STA:13+50.00

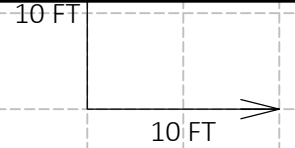
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	143.39	183	2,931
GROUND FILL	0.00	0	271

CUT/FILL STA:13+00.00

ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	53.98	74	2,749
GROUND FILL	0.00	52	271

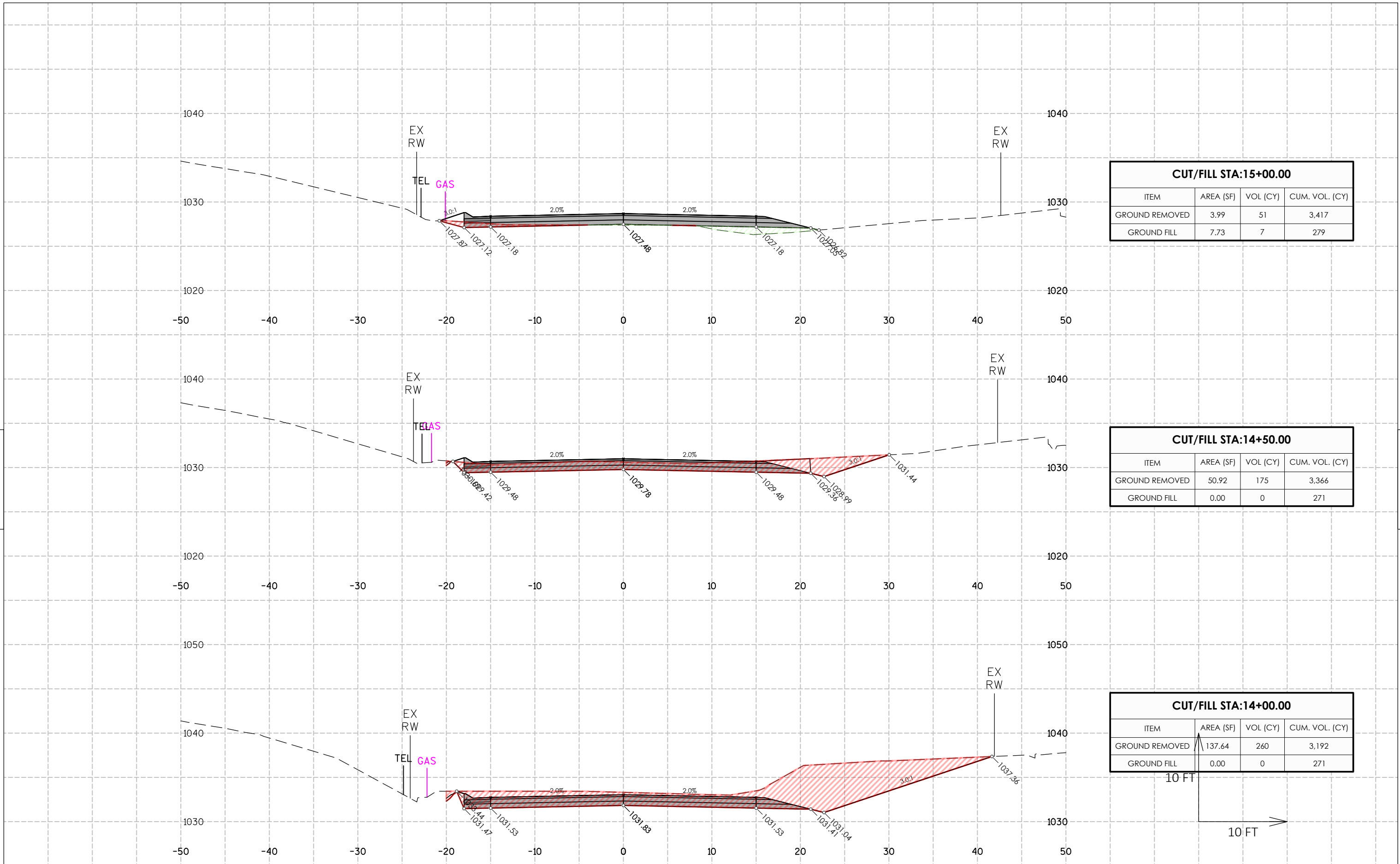
CUT/FILL STA:12+50.00

ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	26.24	52	2,674
GROUND FILL	55.89	59	220



6

6



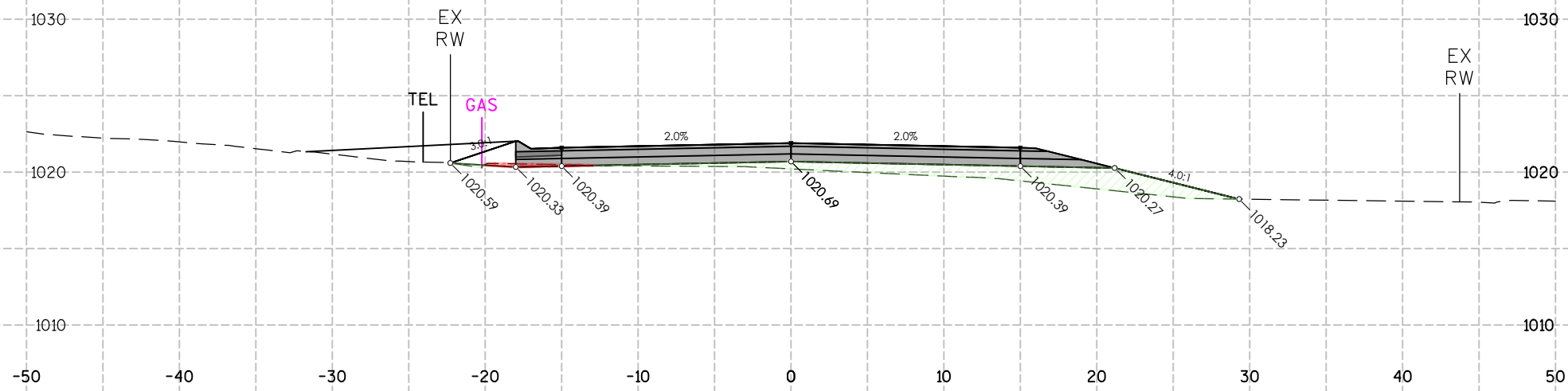
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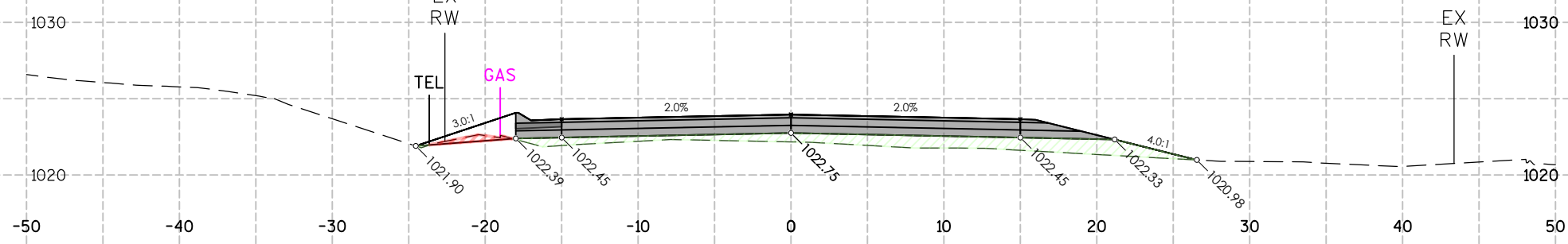
PROJECT NO: 18112/39508802306 HWY: ELLSWORTH RD COUNTY: MONROE COUNTY CROSS SECTIONS: ELLSWORTH RD SECTIONS SHEET E

FILE NAME: F:\Q2\2023\Q23189 ELLSWORTH RD T LA GRANGE\CAD\SECTIONS.DWG PLOT DATE: 1/10/2024 12:28 PM PLOT BY: SSR PLOT NAME: PLOT SCALE: 1 IN:10 FT HORZ. / 1 IN:10 FT VERT. WISDOT/CADD SHEET 49

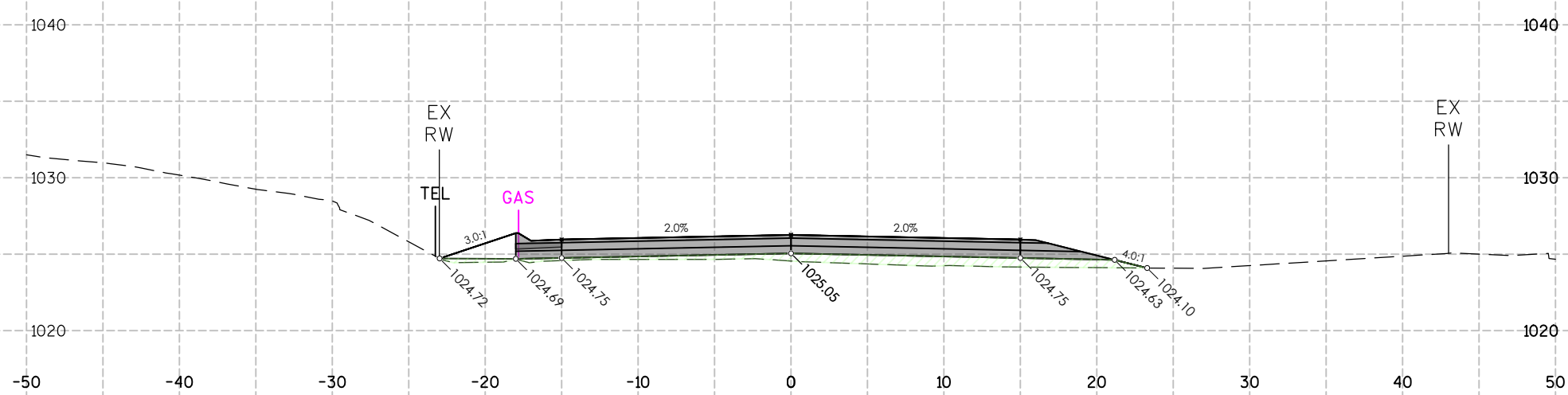
LAYOUT NAME - 9



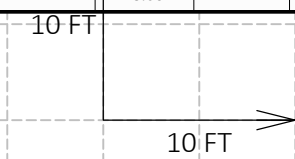
CUT/FILL STA:16+50.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	0.88	2	3,424
GROUND FILL	27.45	50	395

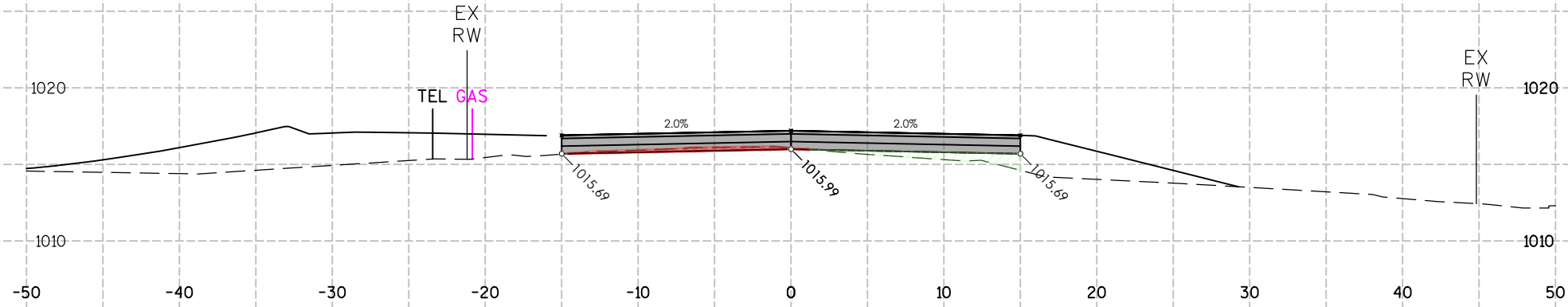


CUT/FILL STA:16+00.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	1.27	1	3,422
GROUND FILL	26.94	42	344

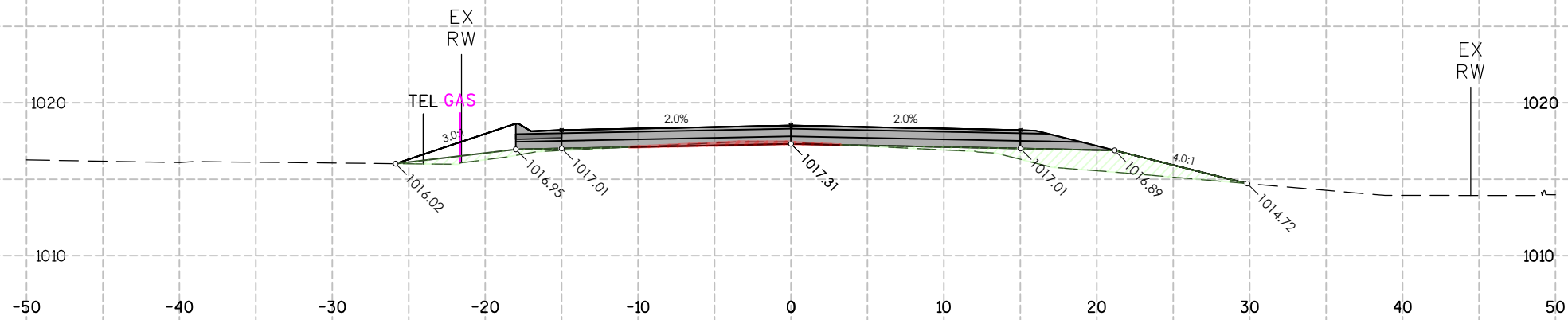


CUT/FILL STA:15+50.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	0.00	4	3,421
GROUND FILL	18.05	24	303

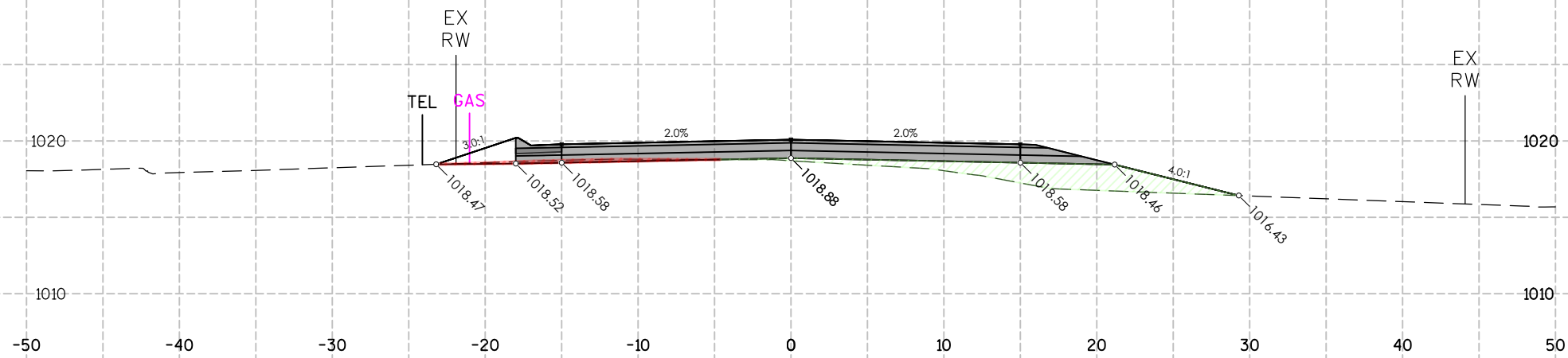




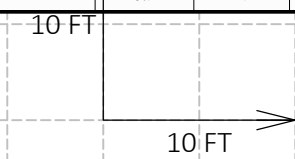
CUT/FILL STA:18+00.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	2.36	4	3,433
GROUND FILL	5.45	23	509



CUT/FILL STA:17+50.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	1.49	3	3,430
GROUND FILL	19.47	42	486

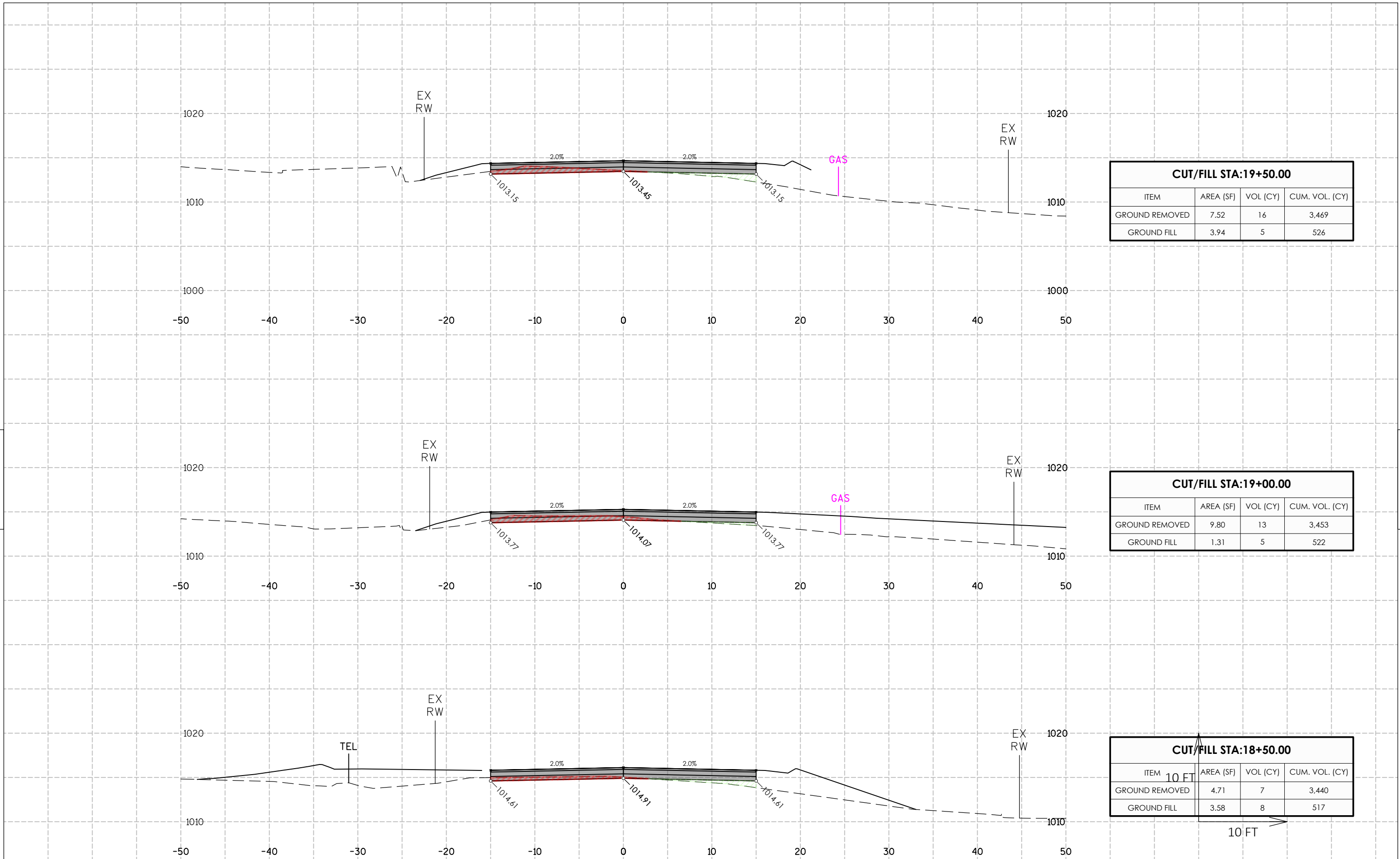


CUT/FILL STA:17+00.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	1.90	3	3,427
GROUND FILL	25.72	49	444



6

6



CUT/FILL STA:19+50.00

ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	7.52	16	3,469
GROUND FILL	3.94	5	526

CUT/FILL STA:19+00.00

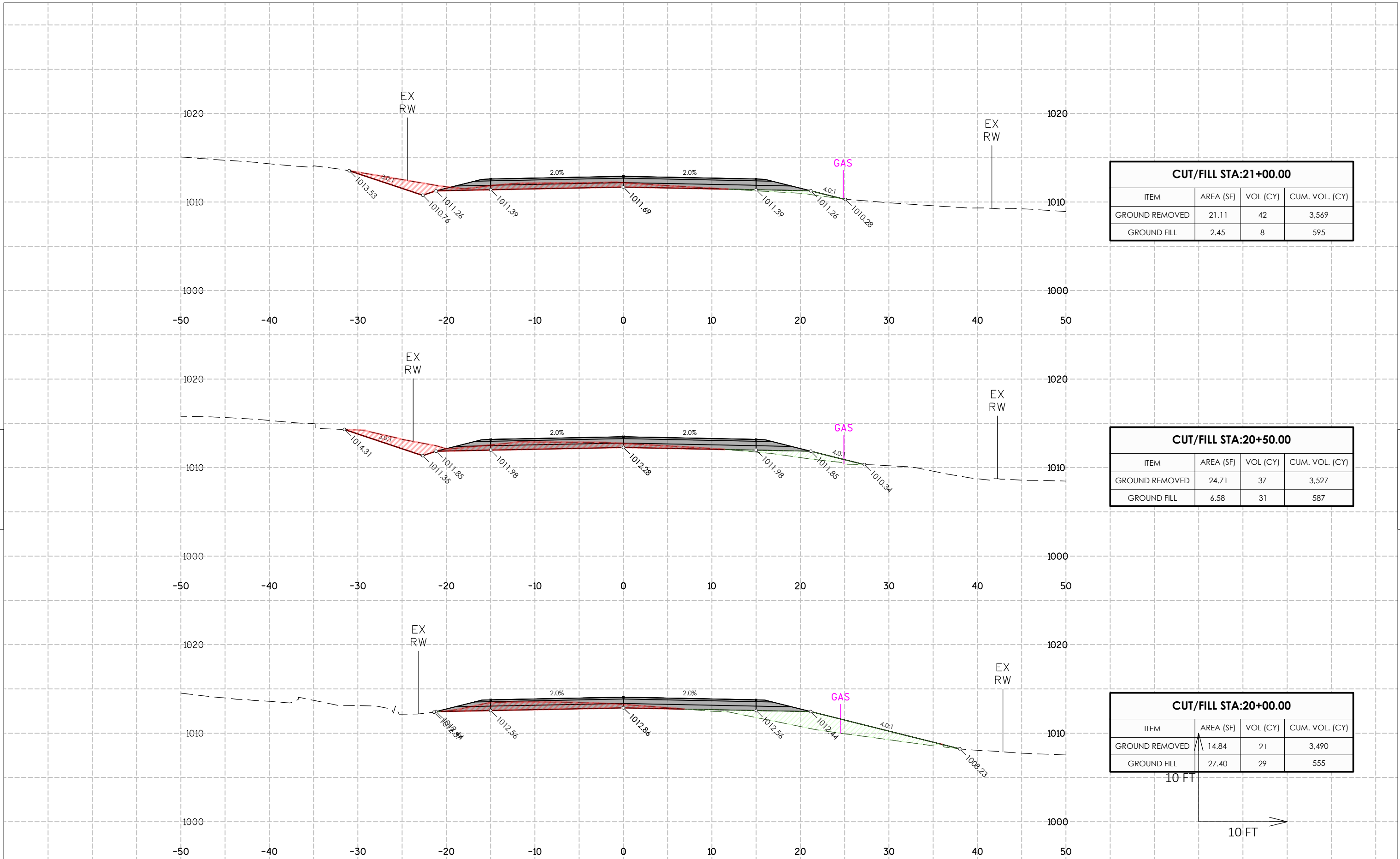
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	9.80	13	3,453
GROUND FILL	1.31	5	522

CUT/FILL STA:18+50.00

ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	4.71	7	3,440
GROUND FILL	3.58	8	517

6

6



CUT/FILL STA:21+00.00

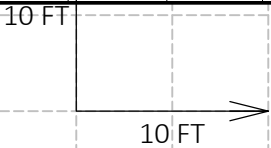
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	21.11	42	3,569
GROUND FILL	2.45	8	595

CUT/FILL STA:20+50.00

ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	24.71	37	3,527
GROUND FILL	6.58	31	587

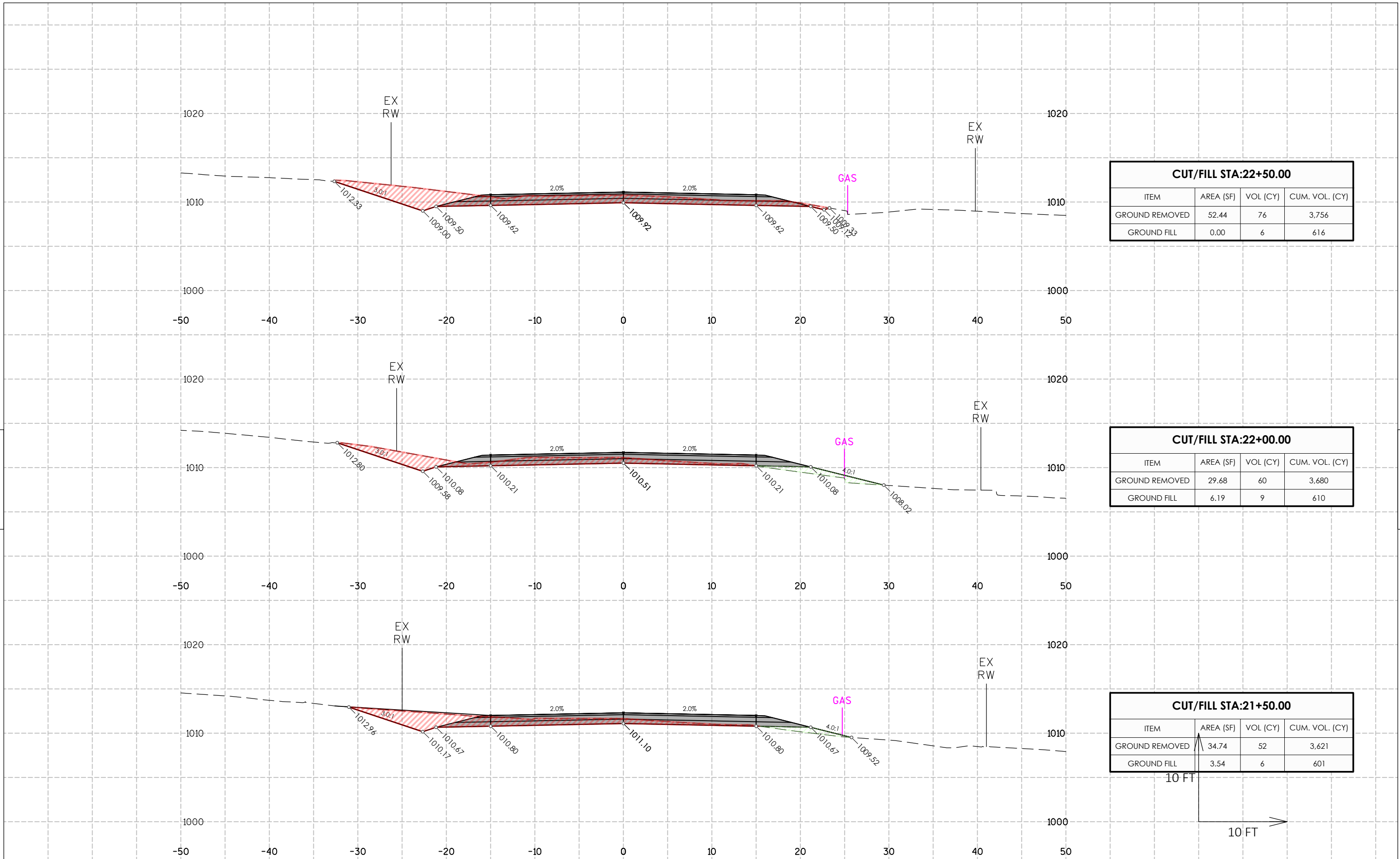
CUT/FILL STA:20+00.00

ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	14.84	21	3,490
GROUND FILL	27.40	29	555



6

6



CUT/FILL STA:22+50.00

ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	52.44	76	3,756
GROUND FILL	0.00	6	616

CUT/FILL STA:22+00.00

ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	29.68	60	3,680
GROUND FILL	6.19	9	610

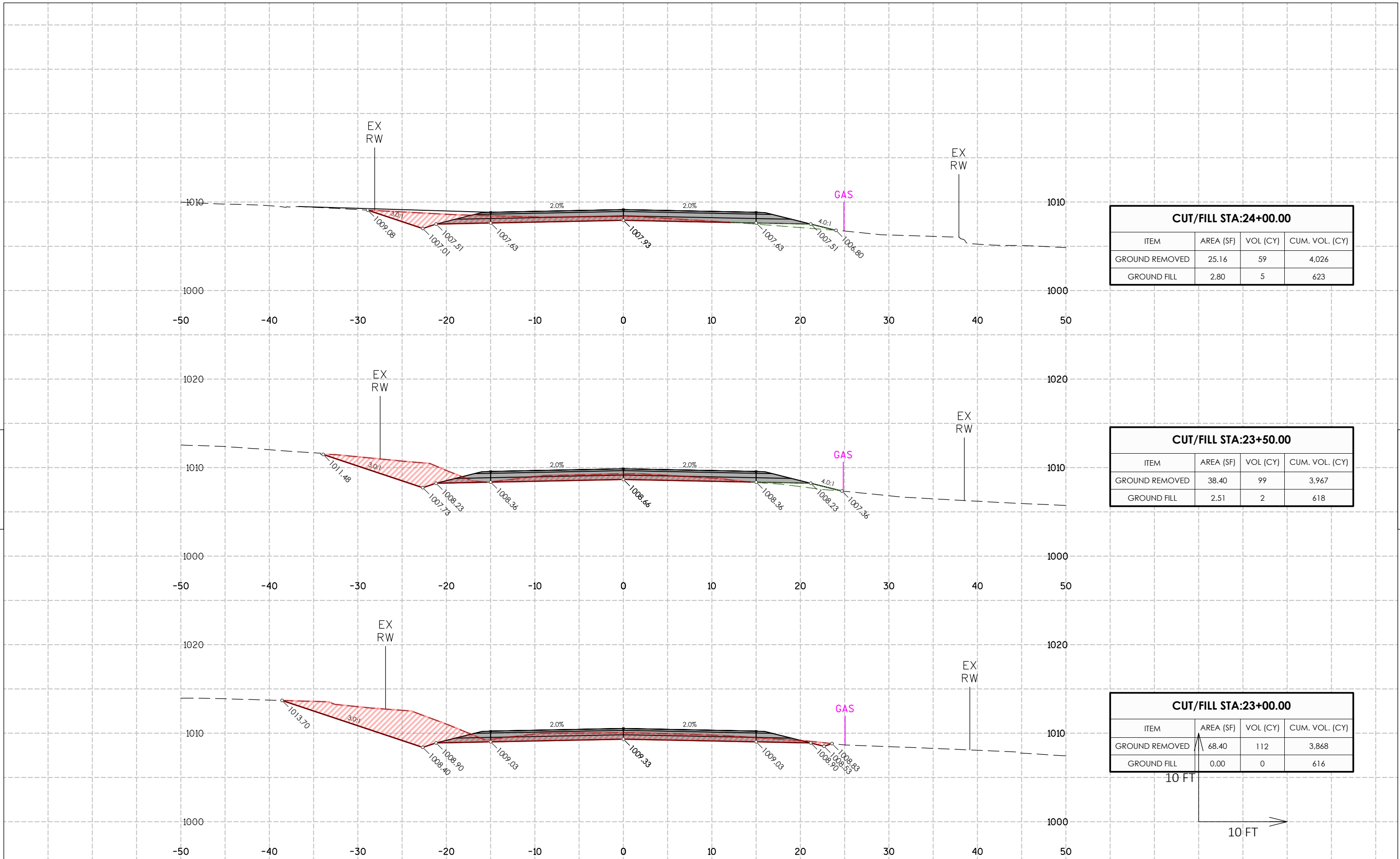
CUT/FILL STA:21+50.00

ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	34.74	52	3,621
GROUND FILL	3.54	6	601

10 FT
10 FT

6

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CUT/FILL STA:24+00.00

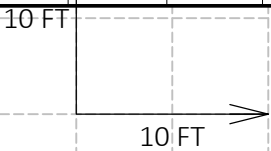
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	25.16	59	4,026
GROUND FILL	2.80	5	623

CUT/FILL STA:23+50.00

ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	38.40	99	3,967
GROUND FILL	2.51	2	618

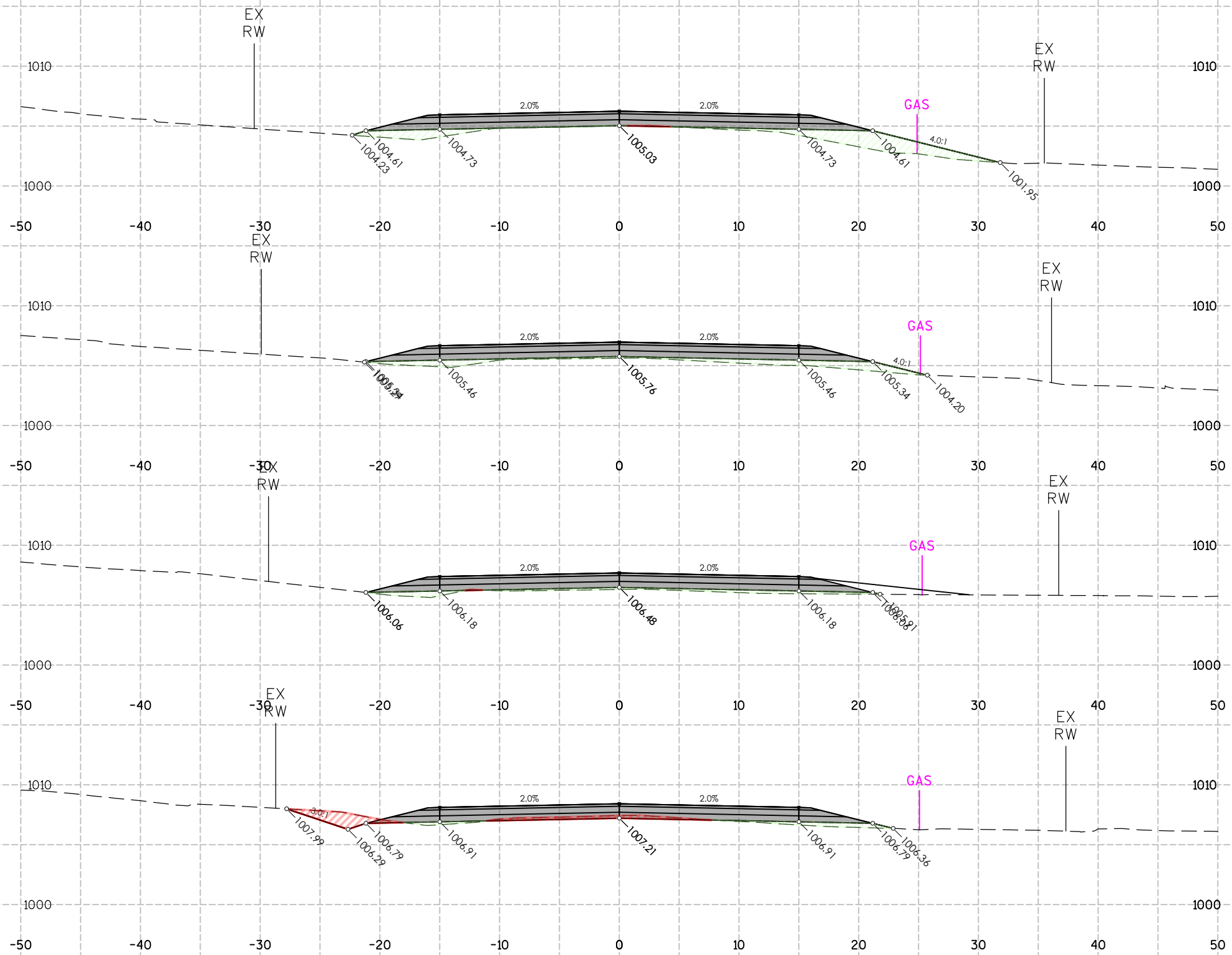
CUT/FILL STA:23+00.00

ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	68.40	112	3,868
GROUND FILL	0.00	0	616



6

6



CUT/FILL STA:26+00.00

ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	0.11	0	4,066
GROUND FILL	23.23	35	697

CUT/FILL STA:25+50.00

ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	0.00	0	4,066
GROUND FILL	14.60	21	662

CUT/FILL STA:25+00.00

ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	0.06	9	4,066
GROUND FILL	7.95	11	641

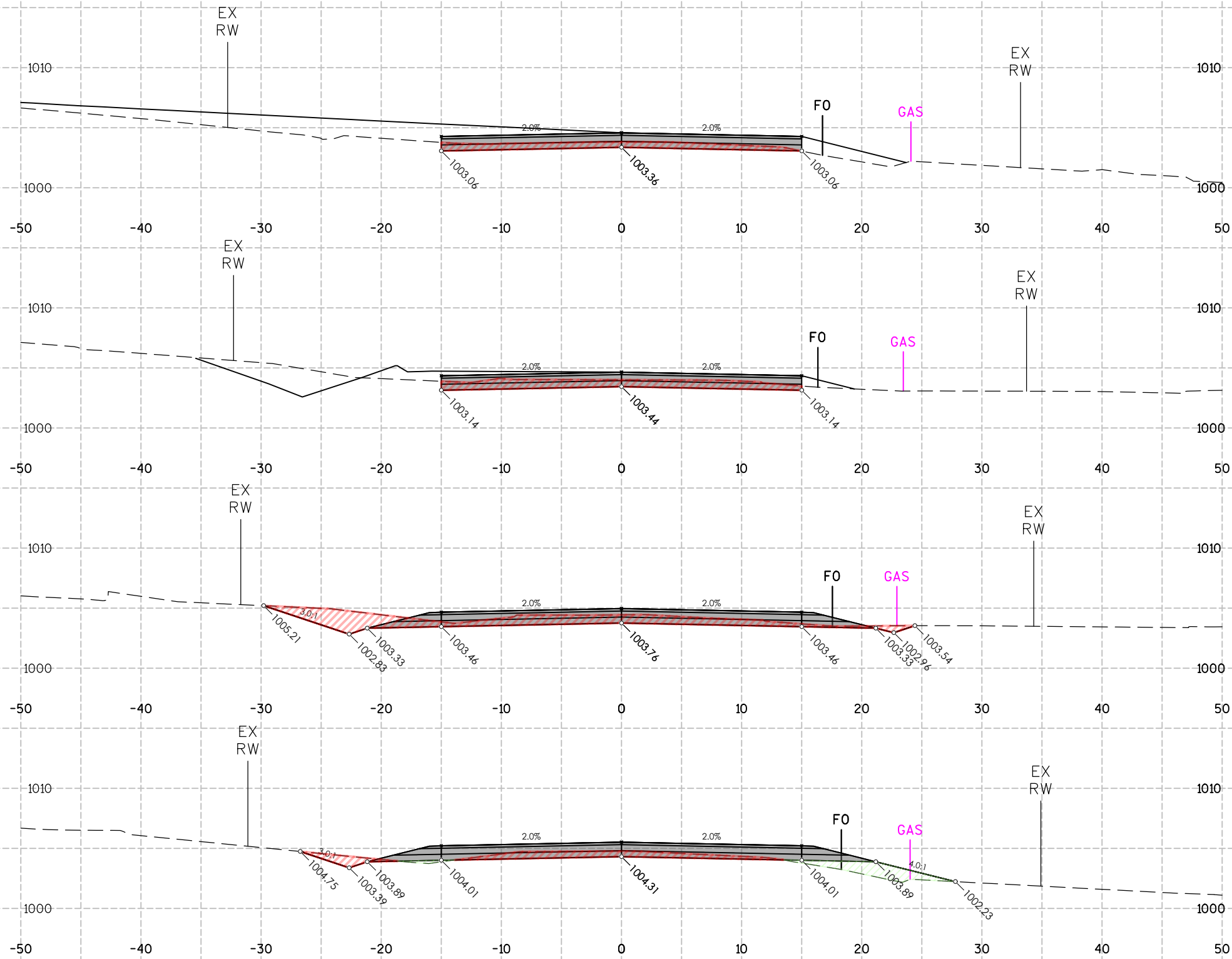
CUT/FILL STA:24+50.00

ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	9.17	32	4,058
GROUND FILL	4.42	7	629

6

6

10 FT



CUT/FILL STA:28+00.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	13.73	31	4,204
GROUND FILL	0.00	0	737

CUT/FILL STA:27+50.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	19.54	50	4,174
GROUND FILL	0.00	0	737

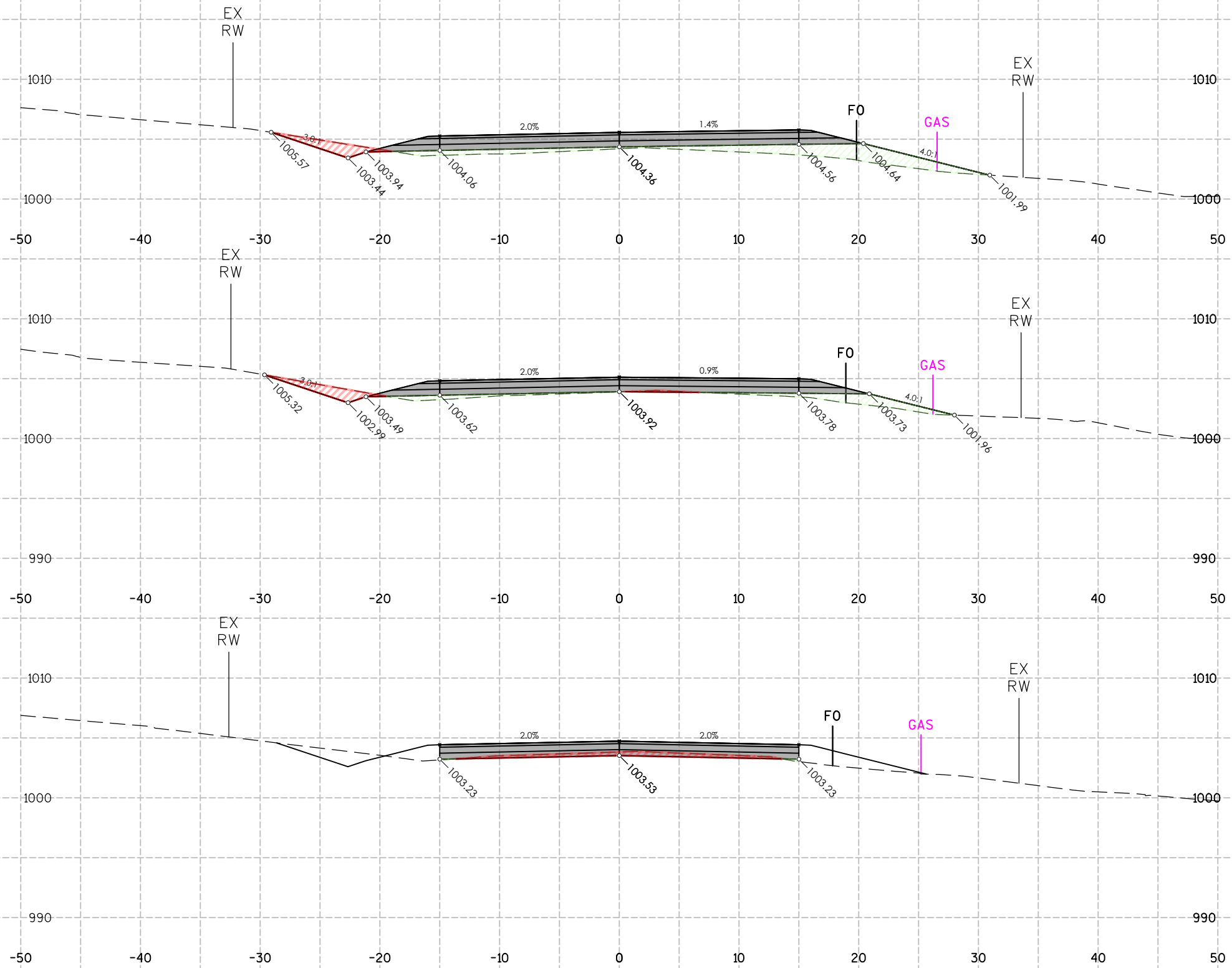
CUT/FILL STA:27+00.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	34.54	44	4,123
GROUND FILL	0.00	9	737

CUT/FILL STA:26+50.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	13.43	13	4,079
GROUND FILL	9.86	31	727

6

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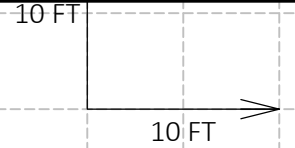
10 FT



CUT/FILL STA:29+50.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	5.18	10	4,244
GROUND FILL	27.39	37	785

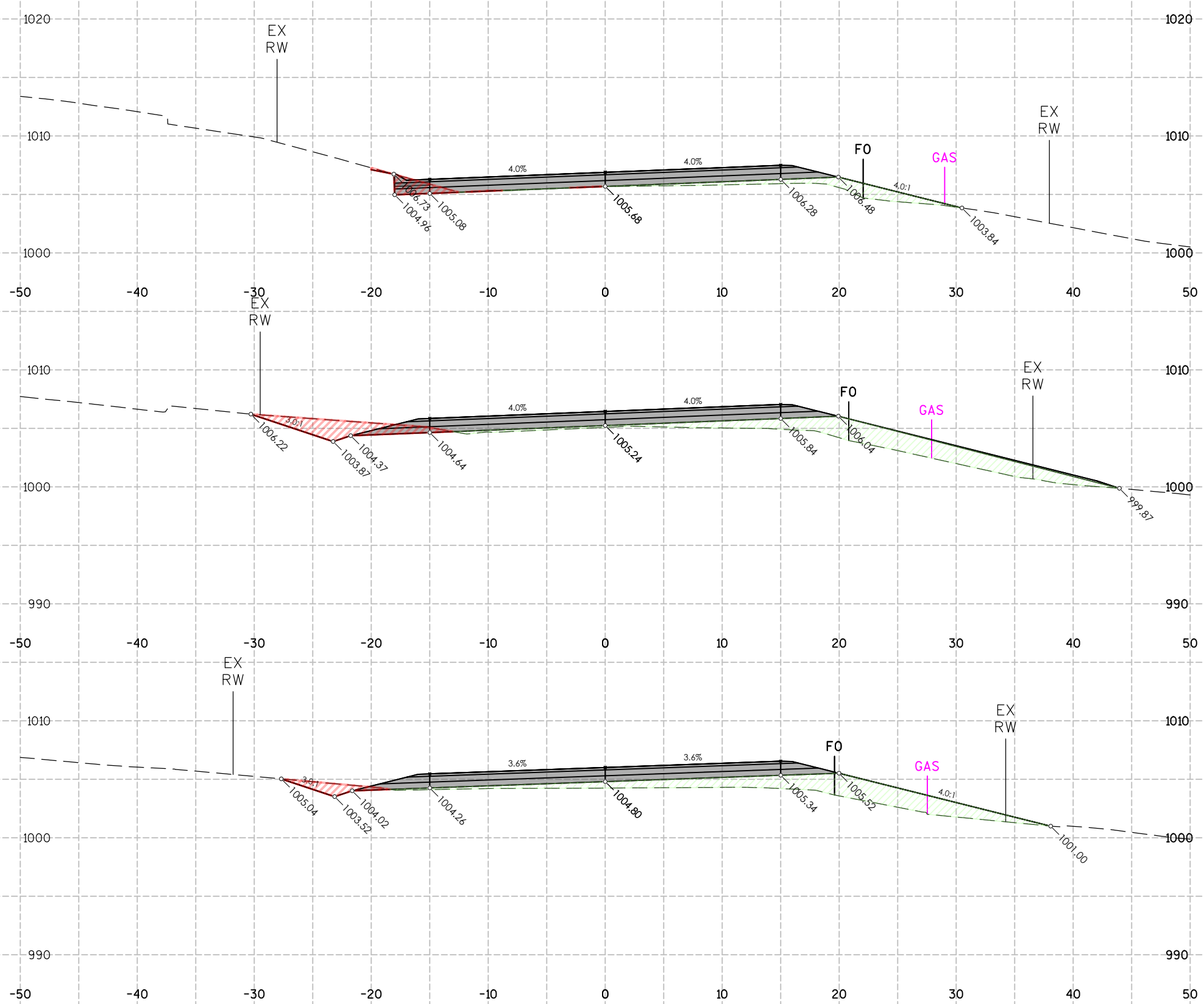
CUT/FILL STA:29+00.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	5.59	11	4,234
GROUND FILL	12.22	12	748

CUT/FILL STA:28+50.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	6.40	19	4,223
GROUND FILL	0.21	0	737



6

6



CUT/FILL STA:31+00.00

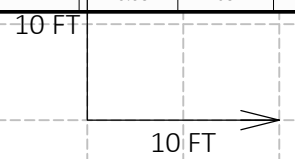
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	5.11	18	4,288
GROUND FILL	12.86	55	995

CUT/FILL STA:30+50.00

ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	14.90	17	4,270
GROUND FILL	45.21	86	940

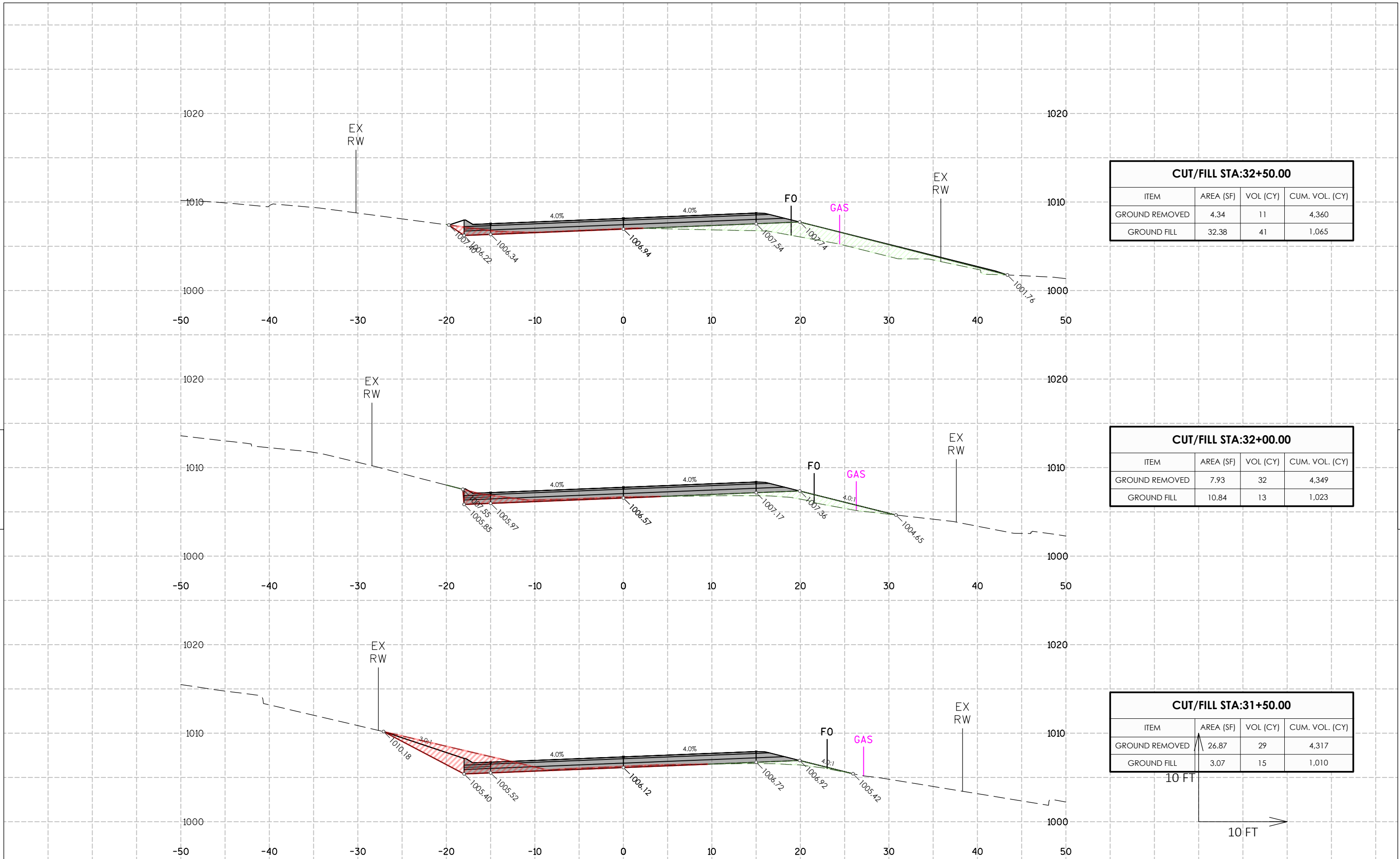
CUT/FILL STA:30+00.00

ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	4.54	9	4,253
GROUND FILL	45.58	68	853



6

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CUT/FILL STA:32+50.00

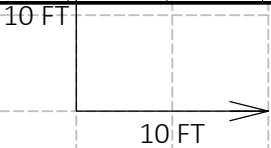
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	4.34	11	4,360
GROUND FILL	32.38	41	1,065

CUT/FILL STA:32+00.00

ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	7.93	32	4,349
GROUND FILL	10.84	13	1,023

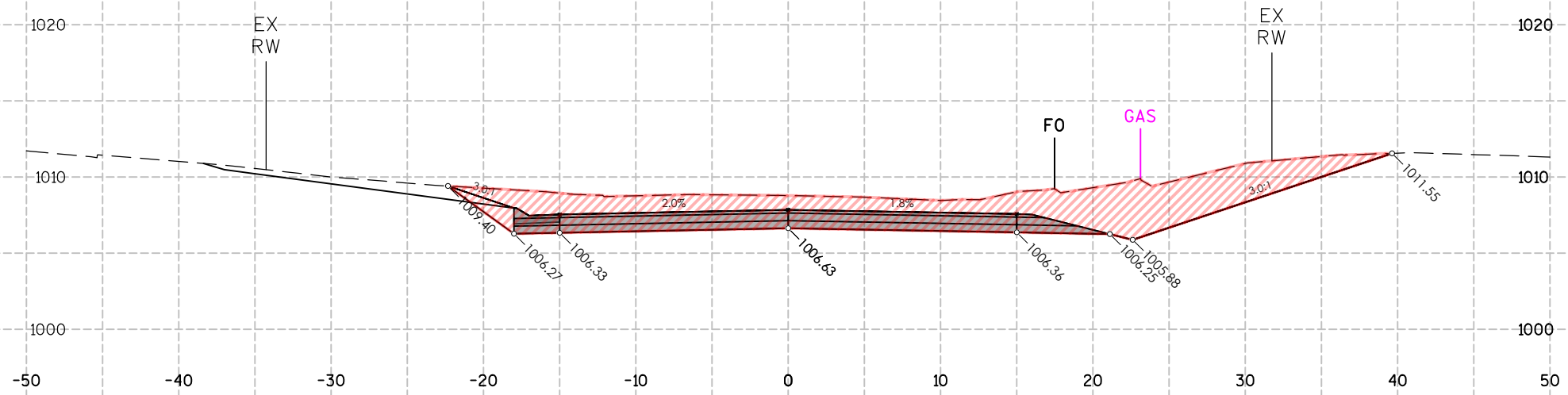
CUT/FILL STA:31+50.00

ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	26.87	29	4,317
GROUND FILL	3.07	15	1,010

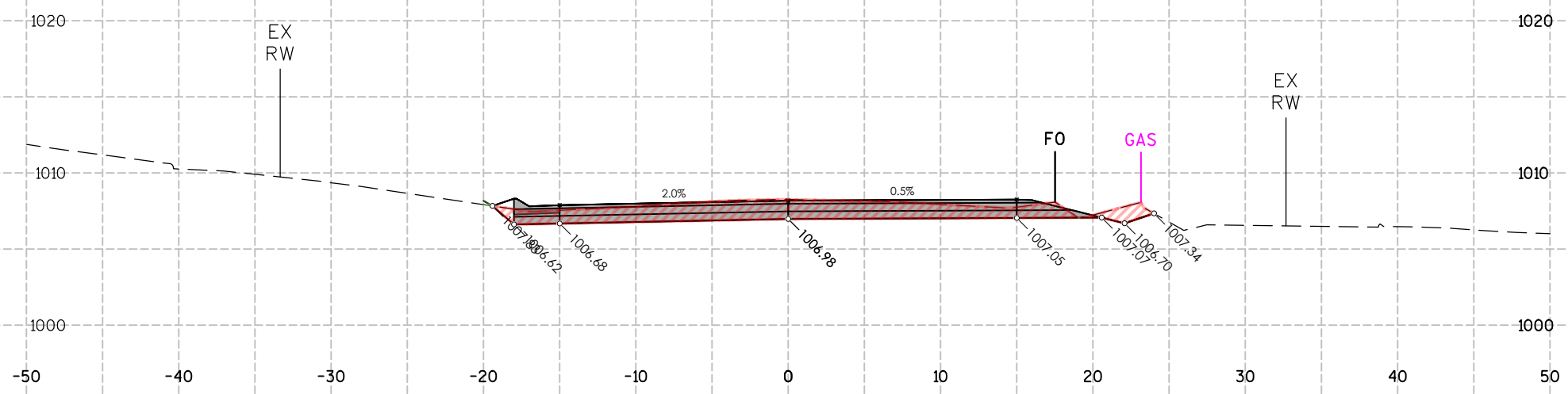


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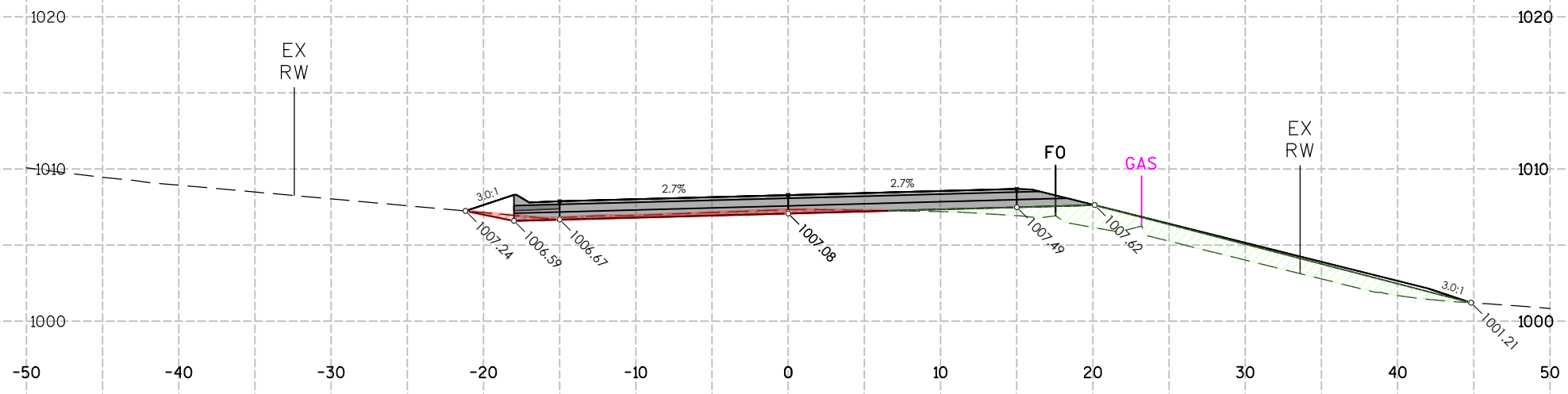
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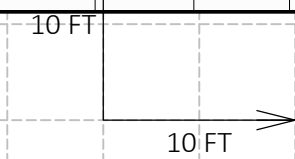
CUT/FILL STA:34+00.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	139.26	167	4,578
GROUND FILL	0.00	0	1,151



CUT/FILL STA:33+50.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	40.99	42	4,411
GROUND FILL	0.07	27	1,151

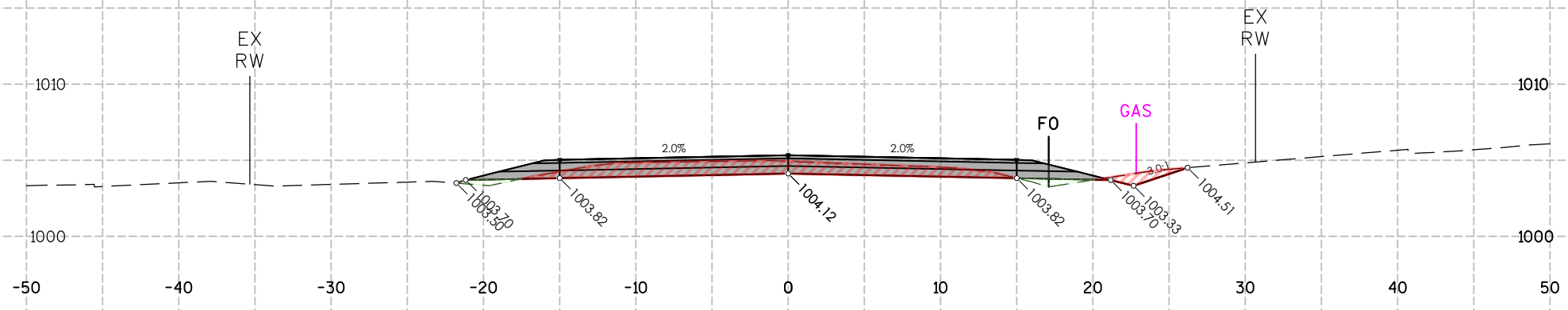


CUT/FILL STA:33+00.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	4.88	8	4,368
GROUND FILL	29.26	59	1,124

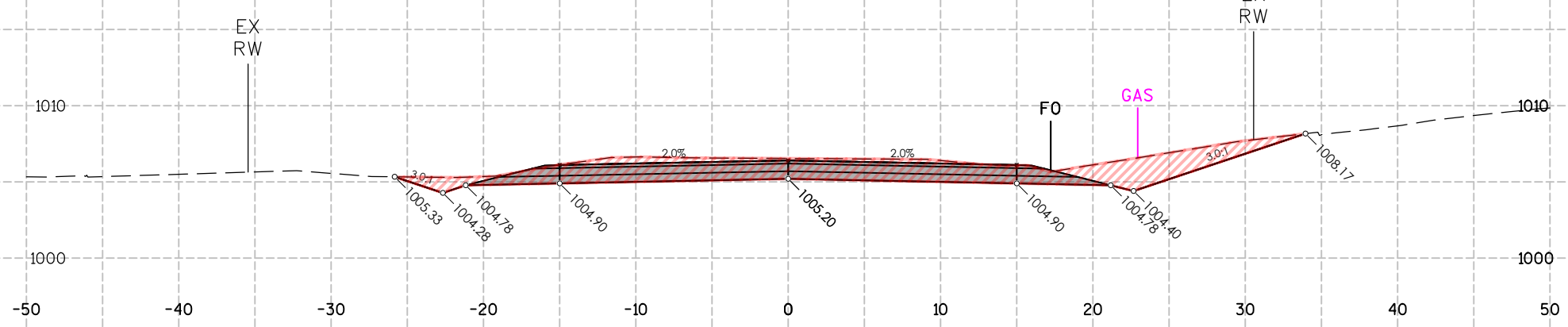


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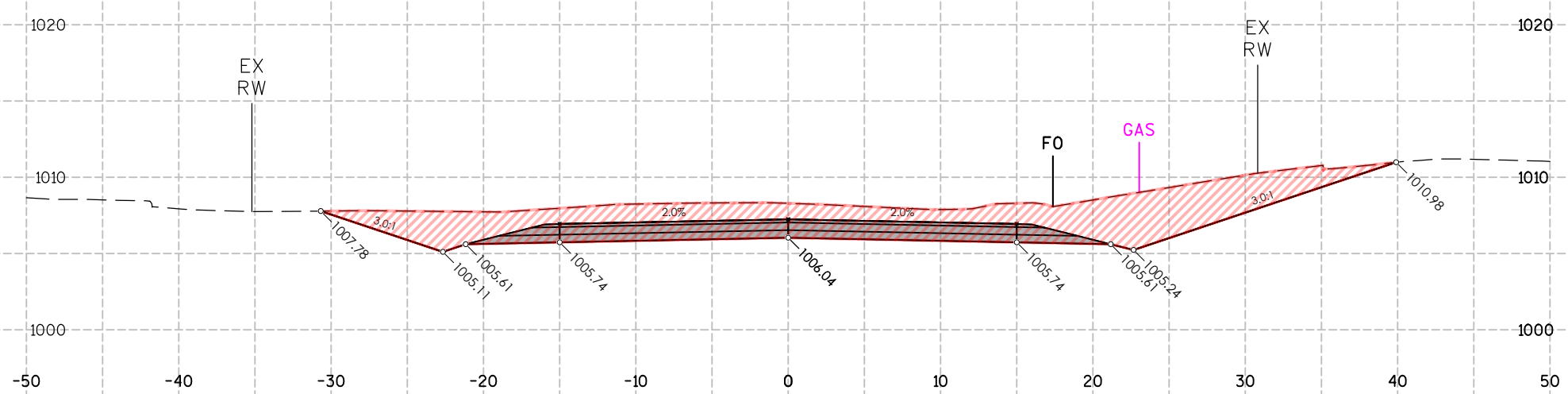
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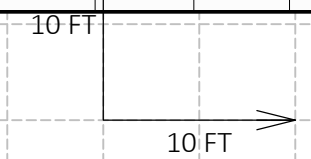
CUT/FILL STA:35+50.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	24.81	90	5,146
GROUND FILL	2.36	2	1,153



CUT/FILL STA:35+00.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	72.39	208	5,056
GROUND FILL	0.00	0	1,151

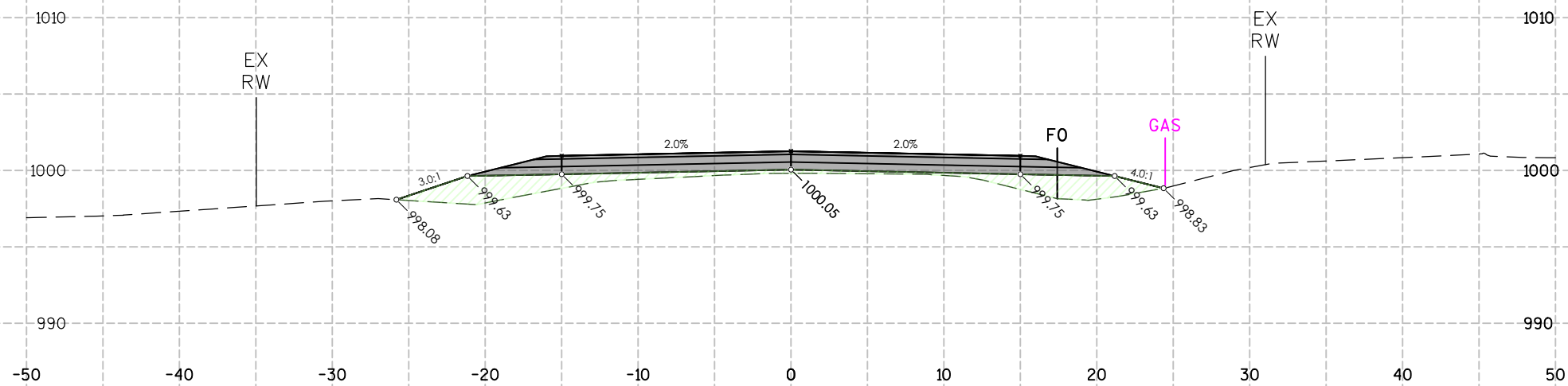


CUT/FILL STA:34+50.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	152.57	270	4,848
GROUND FILL	0.00	0	1,151

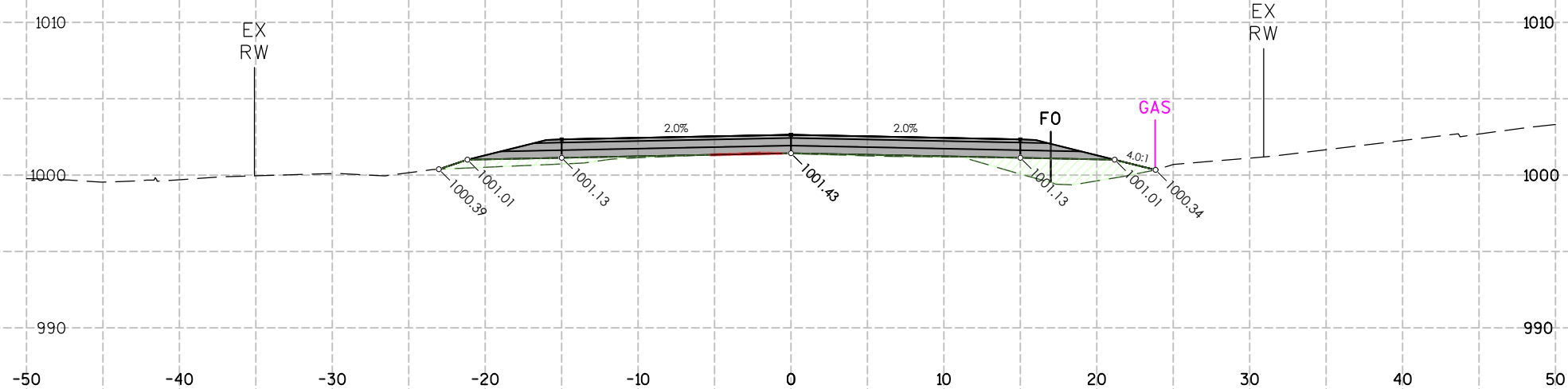


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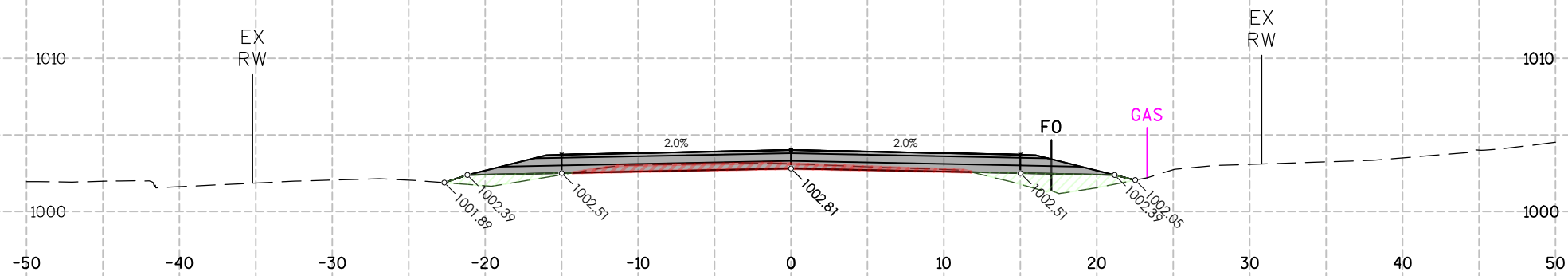
6



CUT/FILL STA:37+00.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	0.00	0	5,184
GROUND FILL	34.39	49	1,242



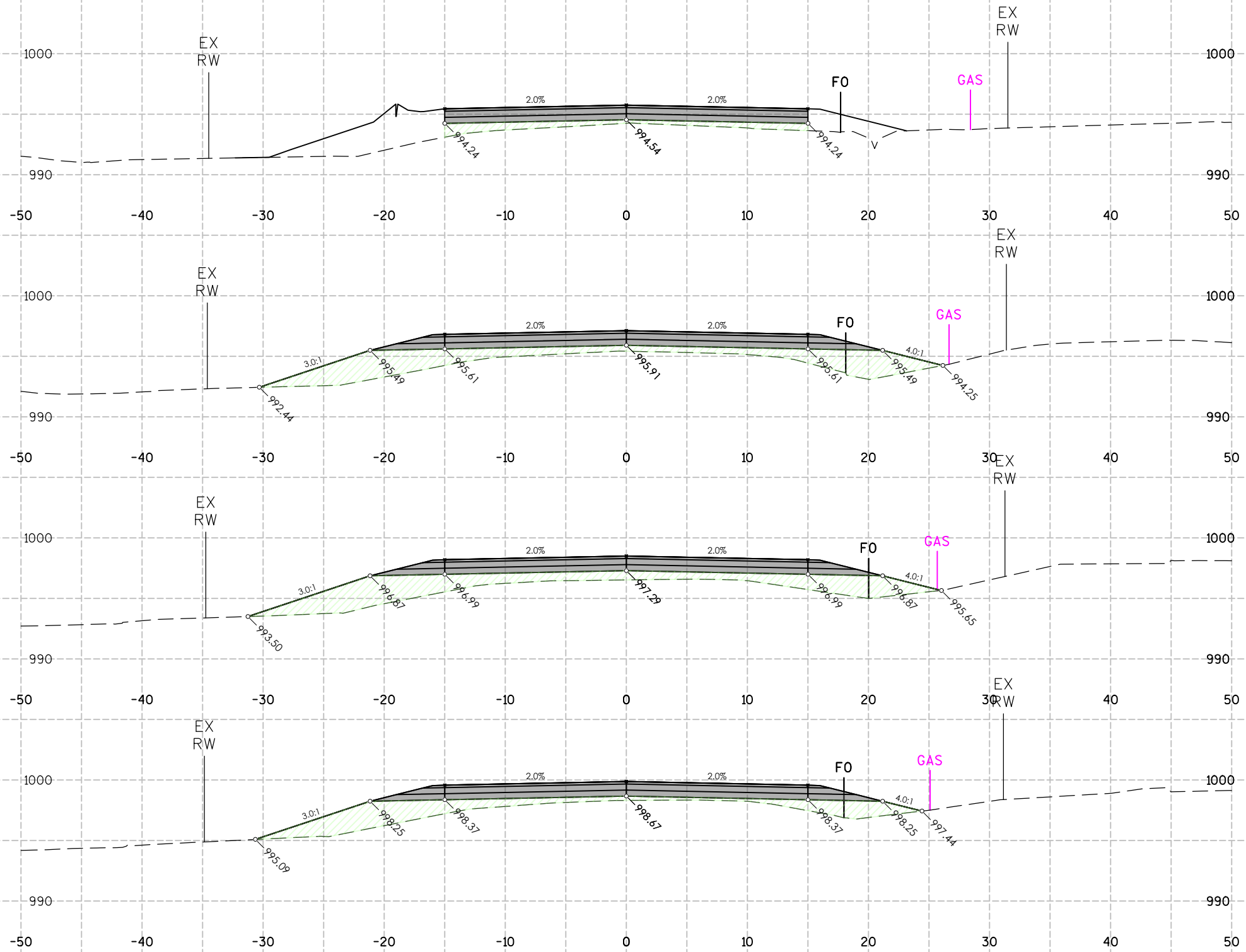
CUT/FILL STA:36+50.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	0.16	7	5,183
GROUND FILL	18.14	27	1,193



CUT/FILL STA:36+00.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	7.58	30	5,176
GROUND FILL	11.28	13	1,166

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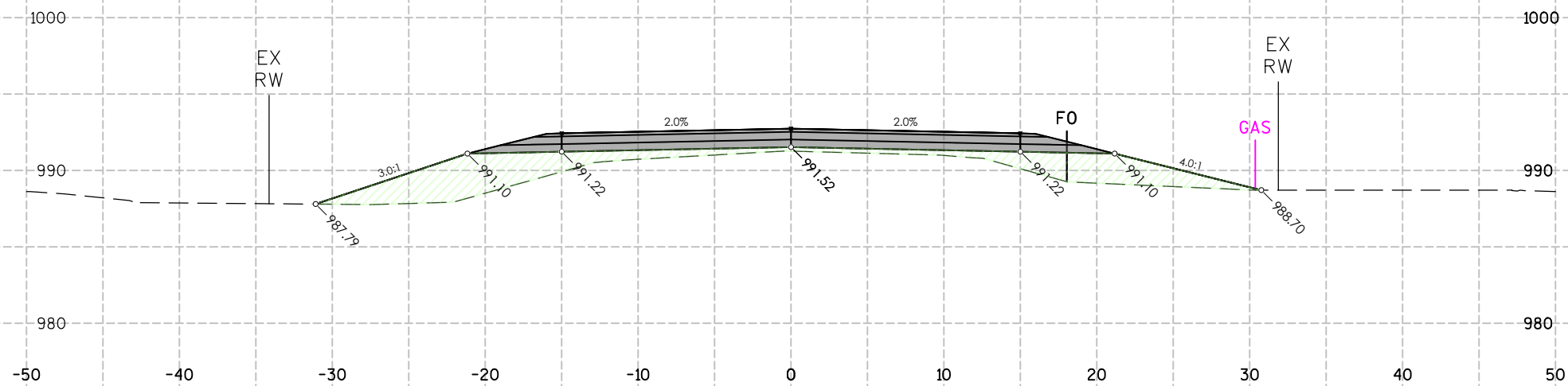


CUT/FILL STA:39+00.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	0.00	0	5,184
GROUND FILL	15.44	71	1,608

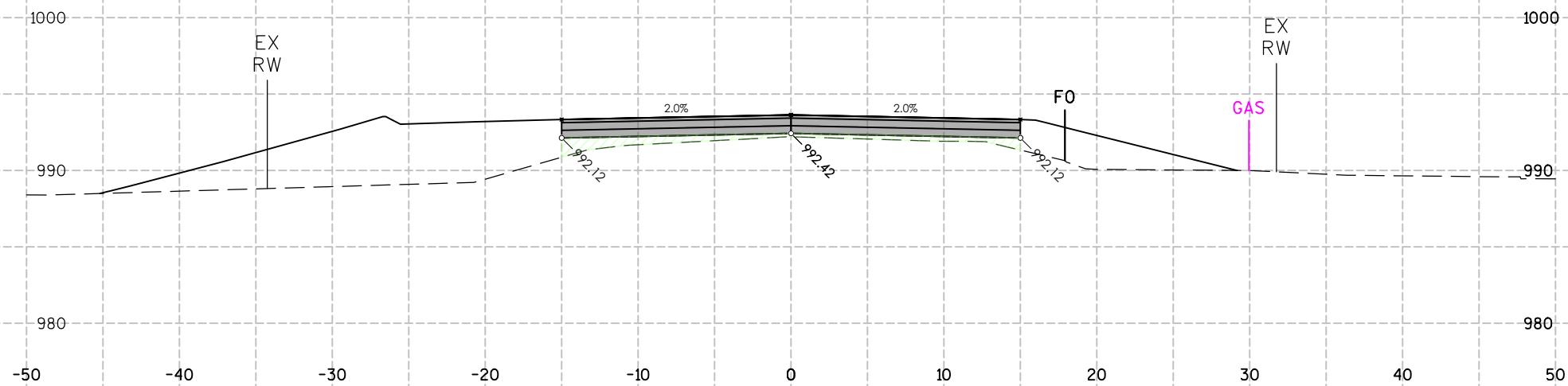
CUT/FILL STA:38+50.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	0.00	0	5,184
GROUND FILL	61.31	117	1,537

CUT/FILL STA:38+00.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	0.00	0	5,184
GROUND FILL	65.07	103	1,420

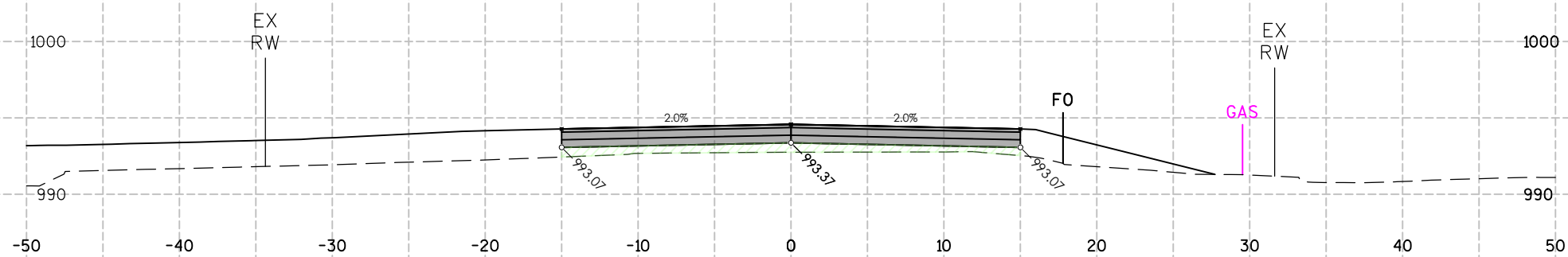
CUT/FILL STA:37+50.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	0.00	0	5,184
GROUND FILL	46.30	75	1,316



CUT/FILL STA:40+50.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	0.00	0	5,184
GROUND FILL	63.59	70	1,732



CUT/FILL STA:40+00.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	0.00	0	5,184
GROUND FILL	12.43	26	1,662



CUT/FILL STA:39+50.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	0.00	0	5,184
GROUND FILL	15.42	29	1,636

PROJECT NO: 18112/39508802306

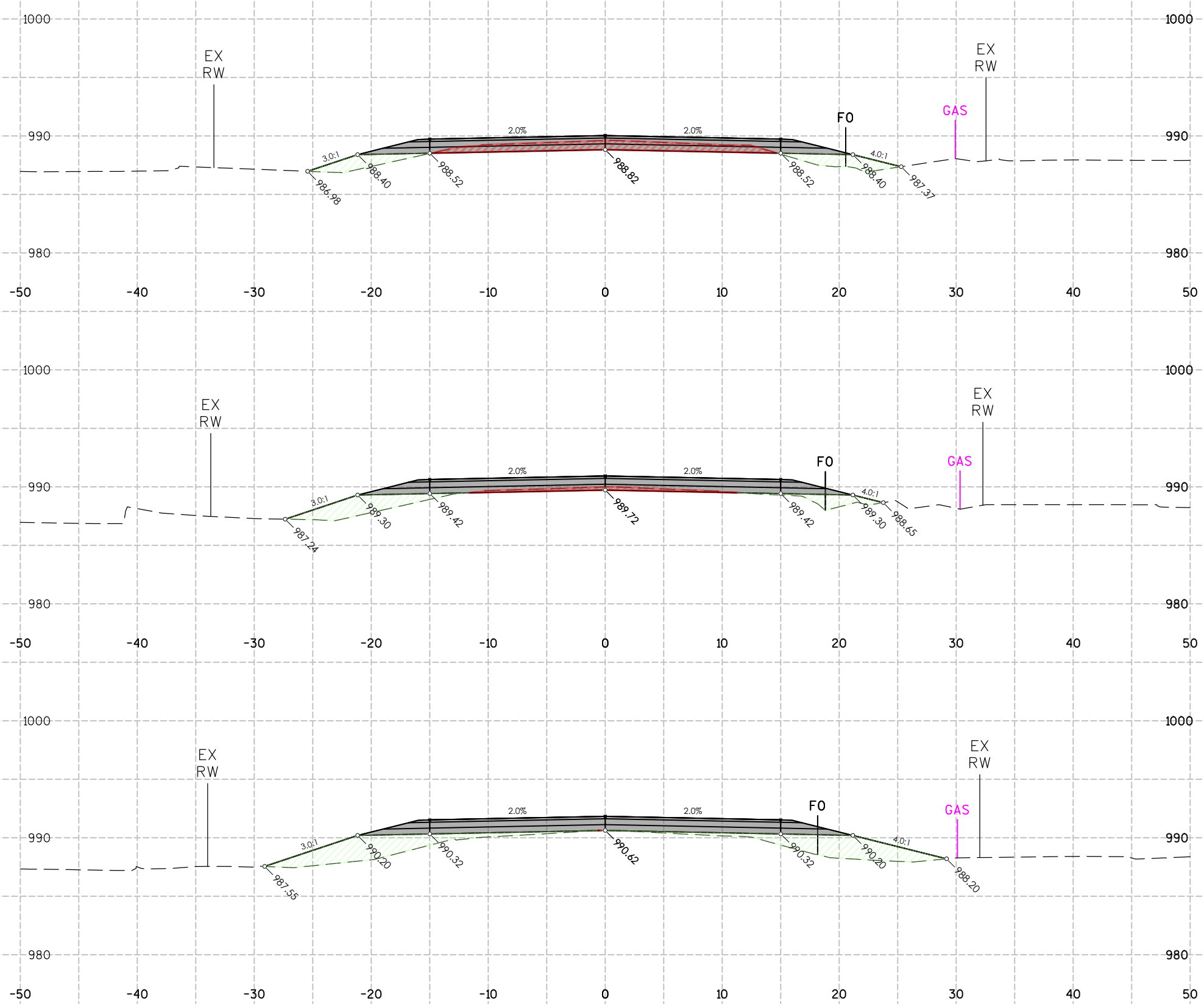
HWY: ELLSWORTH RD

COUNTY: MONROE COUNTY

CROSS SECTIONS: ELLSWORTH RD SECTIONS

SHEET

E



CUT/FILL STA:42+00.00

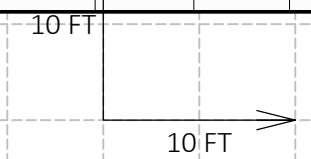
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	18.32	21	5,208
GROUND FILL	15.04	32	1,928

CUT/FILL STA:41+50.00

ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	4.17	4	5,187
GROUND FILL	19.42	62	1,896

CUT/FILL STA:41+00.00

ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	0.00	0	5,184
GROUND FILL	47.05	102	1,835

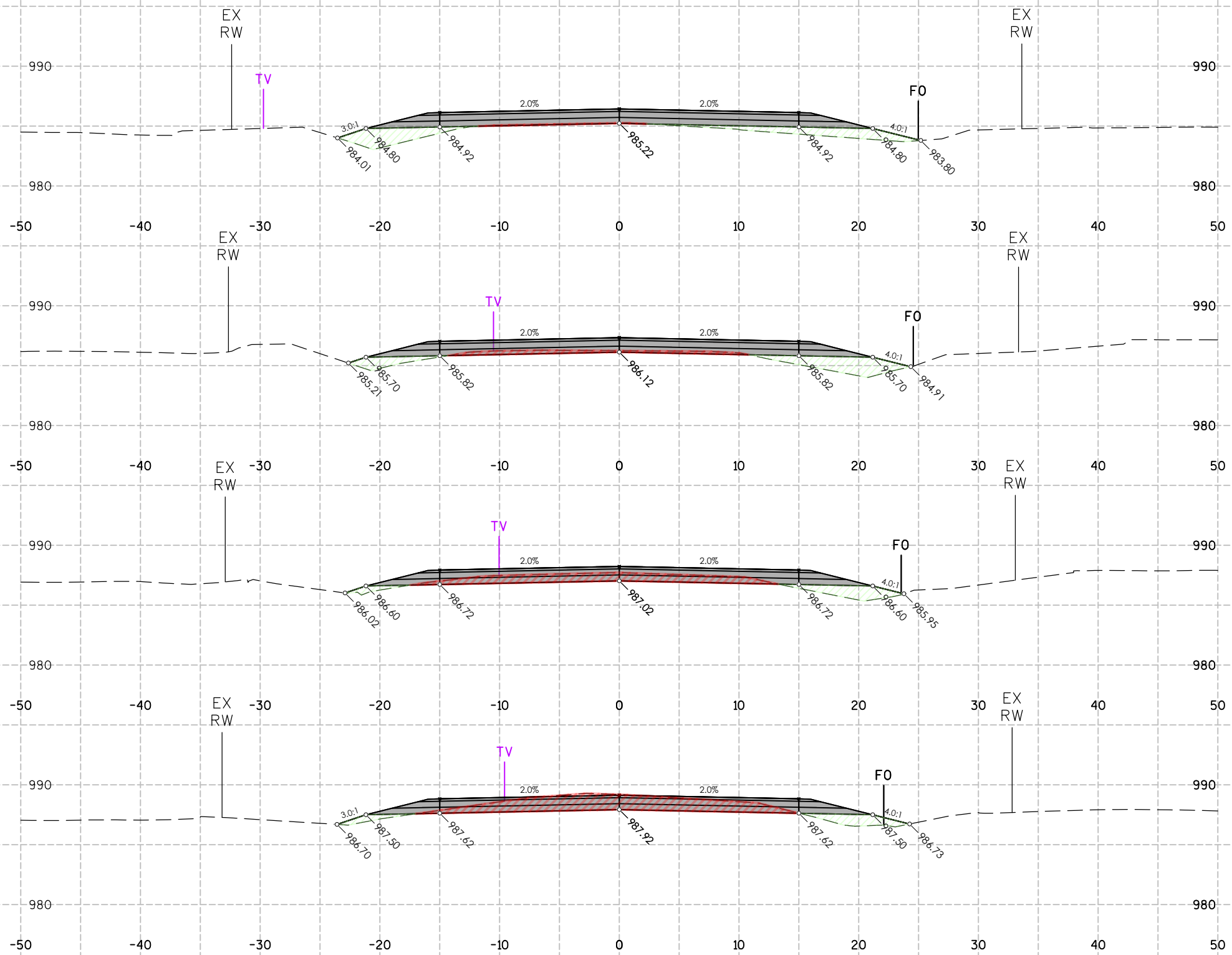


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CUT/FILL STA:44+00.00

ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	0.61	5	5,320
GROUND FILL	20.10	34	2,021

CUT/FILL STA:43+50.00

ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	5.19	21	5,315
GROUND FILL	16.16	23	1,987

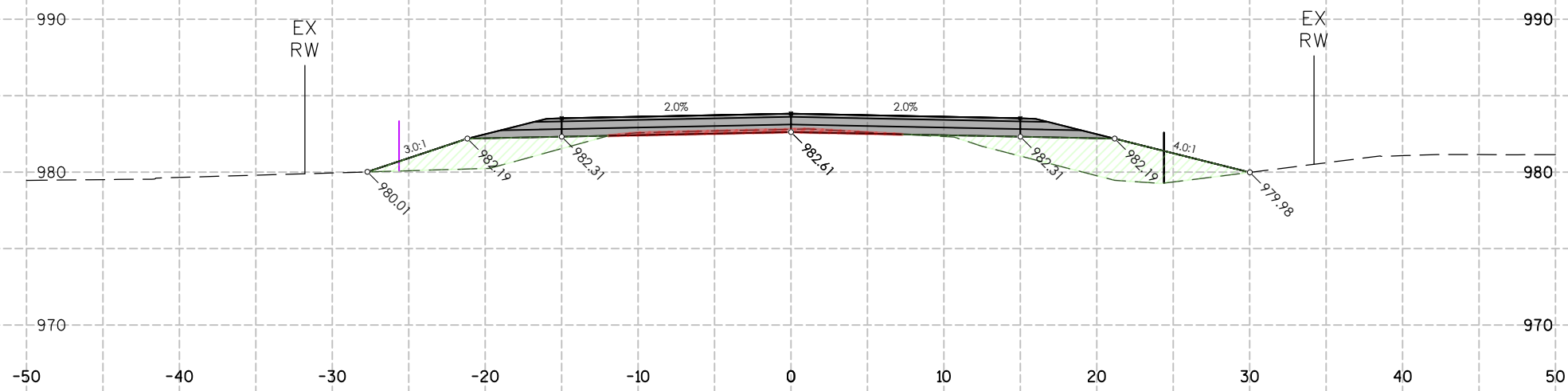
CUT/FILL STA:43+00.00

ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	17.07	43	5,294
GROUND FILL	8.62	15	1,964

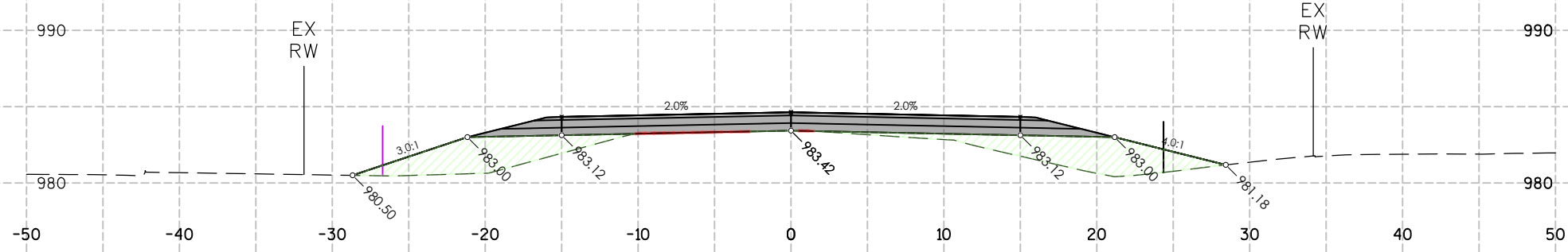
CUT/FILL STA:42+50.00

ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	28.87	44	5,252
GROUND FILL	7.50	21	1,949

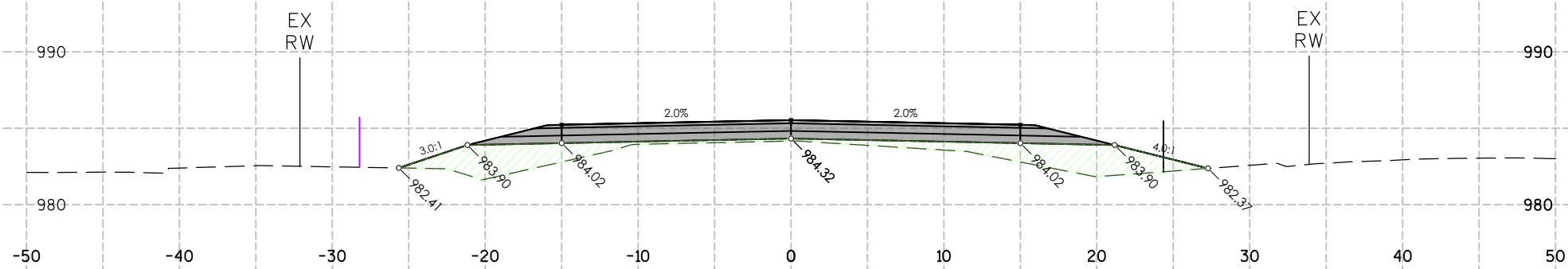
10 FT



CUT/FILL STA:45+50.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	2.88	3	5.324
GROUND FILL	46.50	91	2.260



CUT/FILL STA:45+00.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	0.18	0	5.321
GROUND FILL	51.80	89	2,169

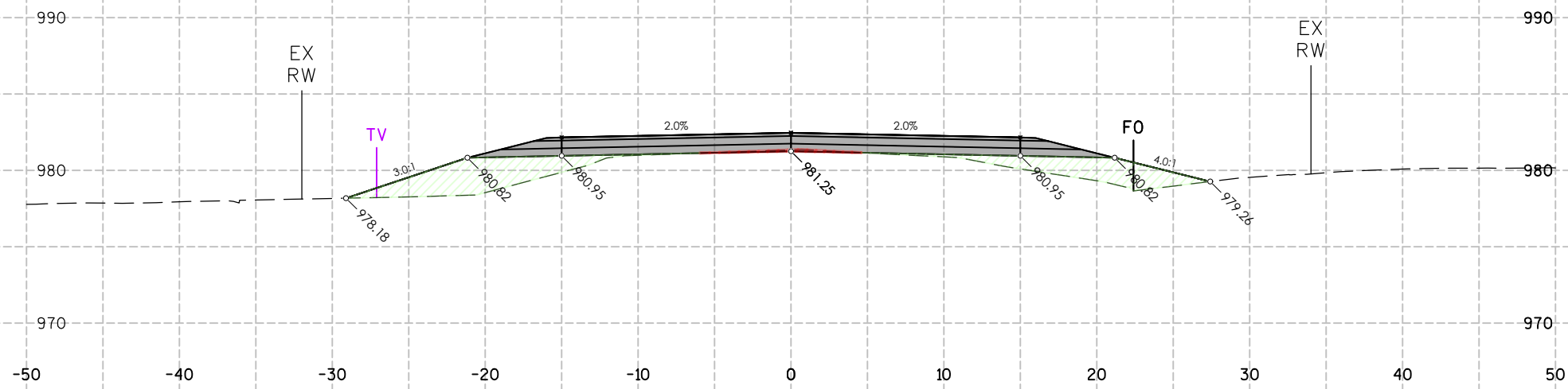


CUT/FILL STA:44+50.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	0.00	1	5,321
GROUND FILL	44.38	60	2,080

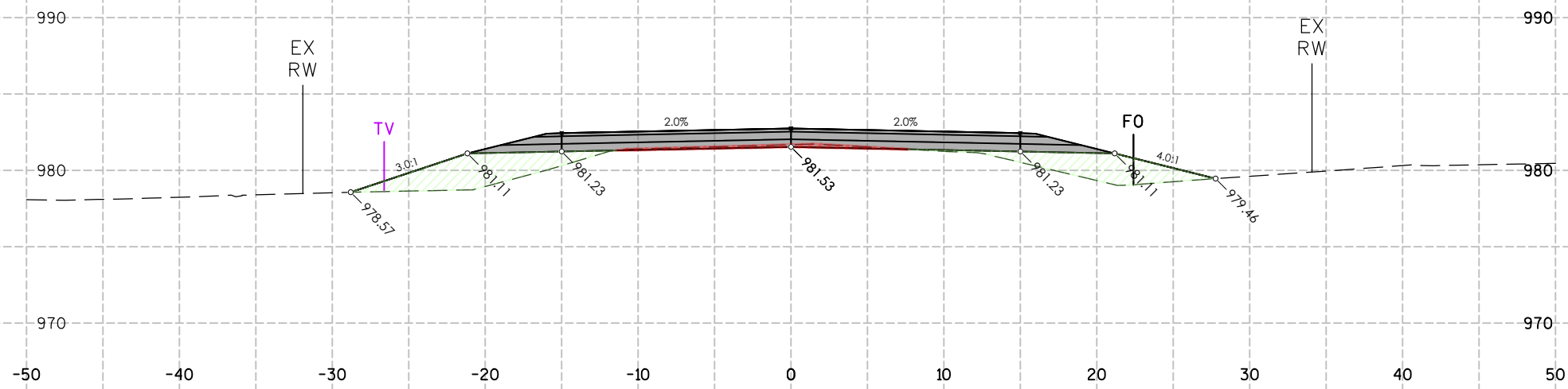
6

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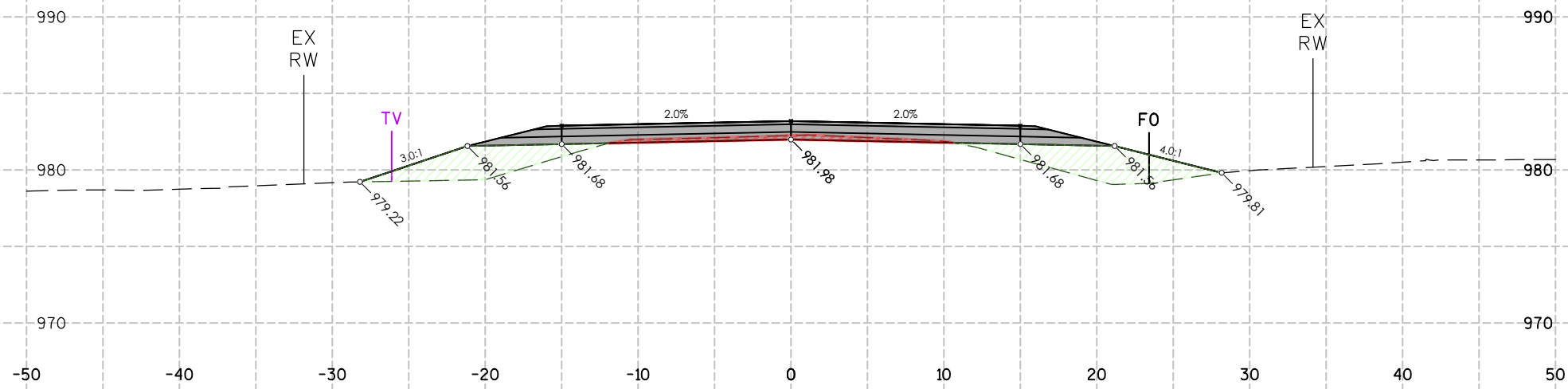
10 FT



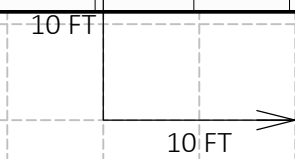
CUT/FILL STA:47+00.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	0.60	3	5,340
GROUND FILL	40.92	73	2,489



CUT/FILL STA:46+50.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	2.18	6	5,338
GROUND FILL	38.17	74	2,416

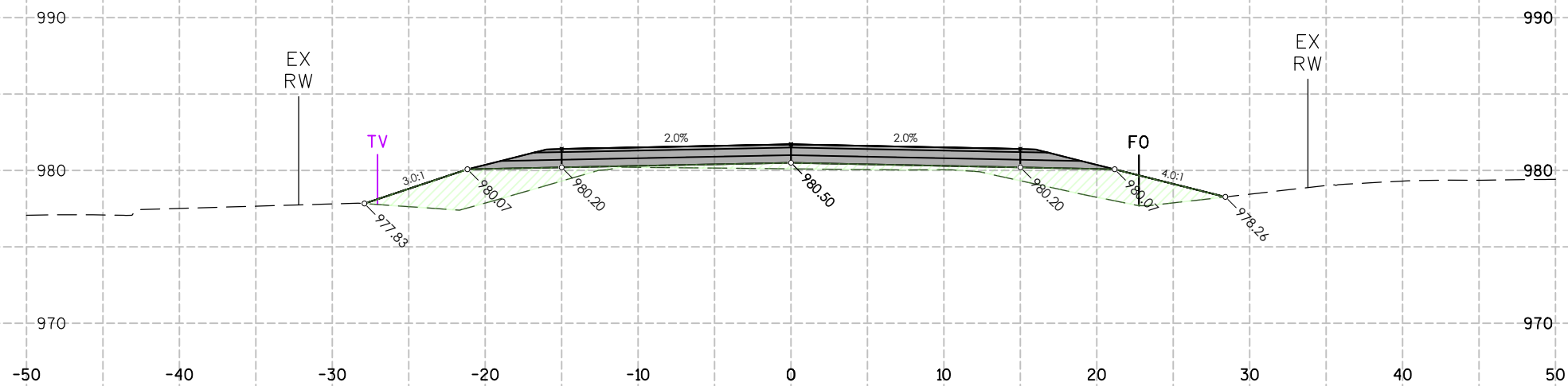


CUT/FILL STA:46+00.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	4.84	7	5,331
GROUND FILL	41.56	82	2,342

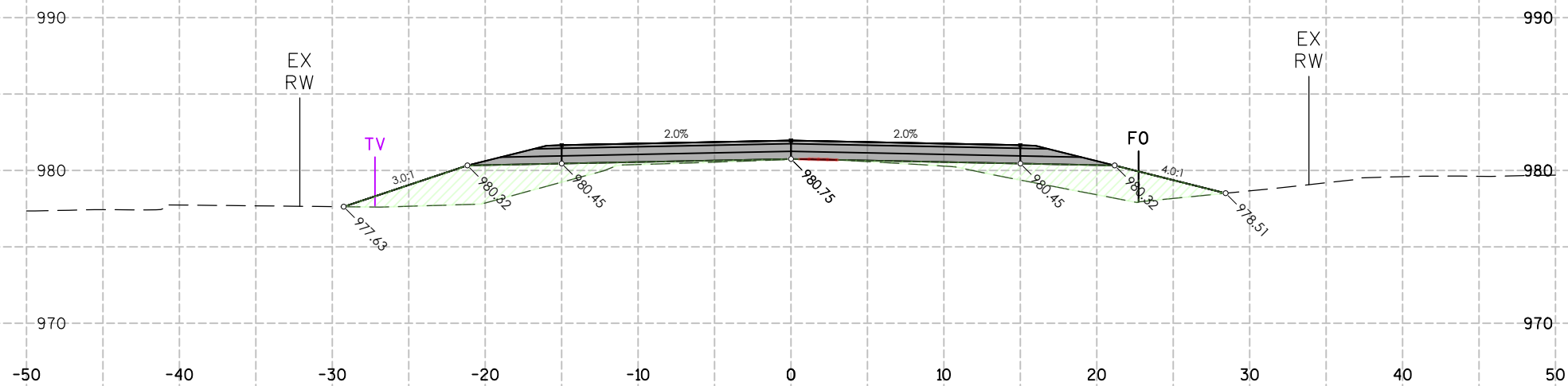


6

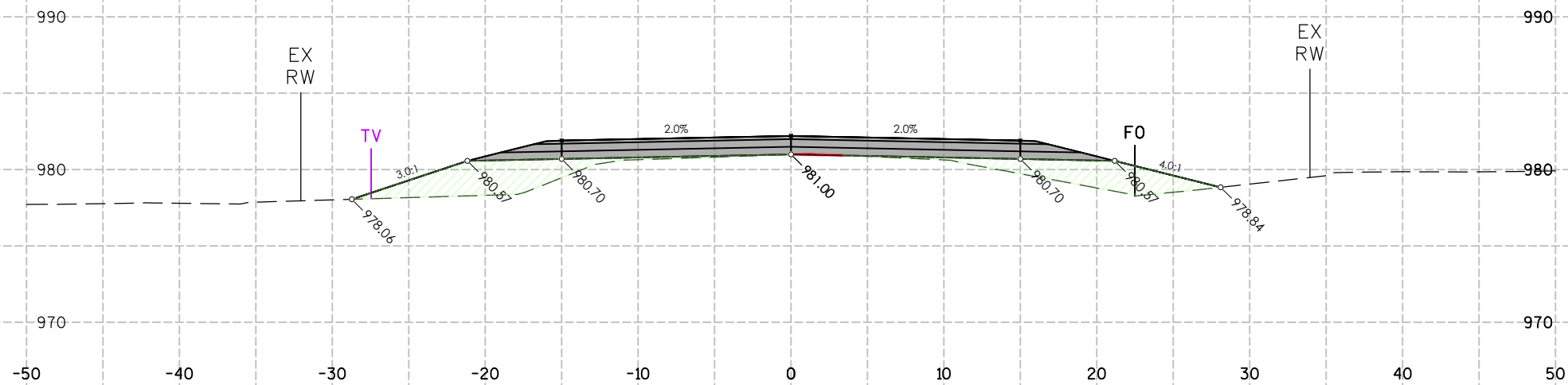
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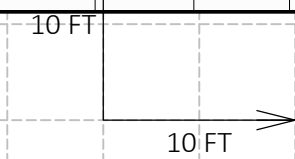
CUT/FILL STA:48+50.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	0.00	0	5,341
GROUND FILL	47.65	90	2,746



CUT/FILL STA:48+00.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	0.07	0	5,341
GROUND FILL	49.65	88	2,656

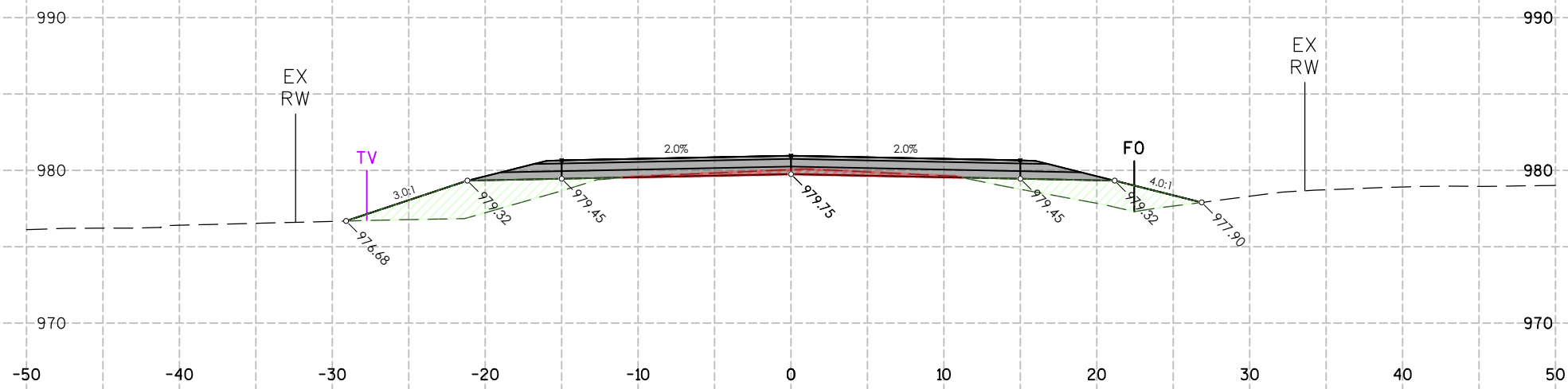


CUT/FILL STA:47+50.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	0.09	1	5,341
GROUND FILL	45.05	80	2,569

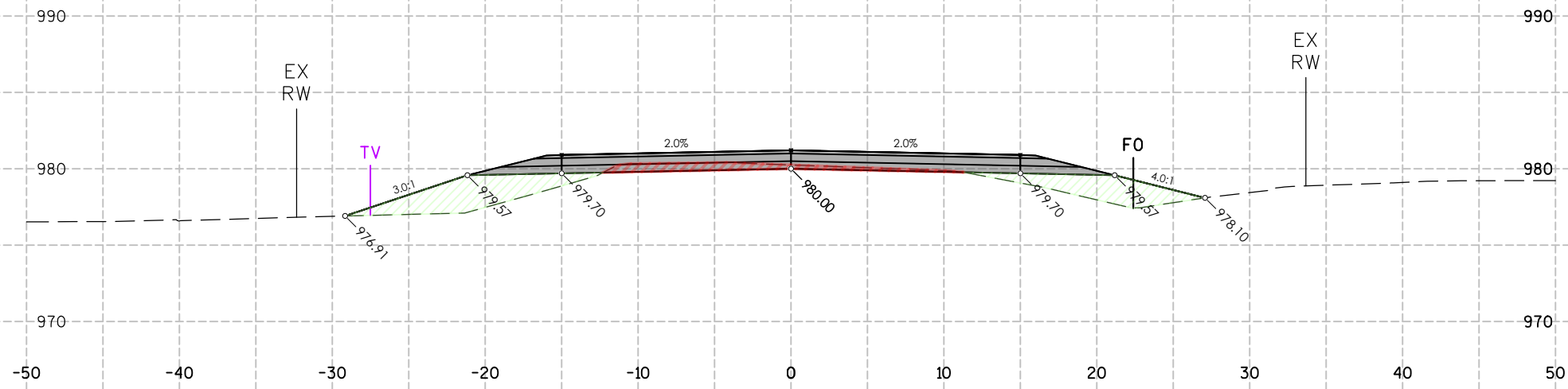


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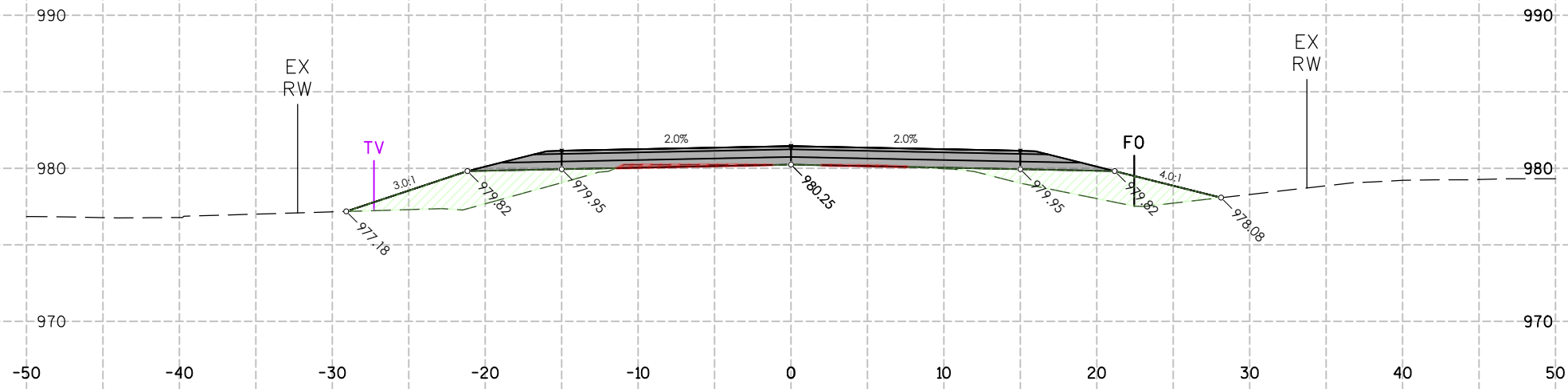
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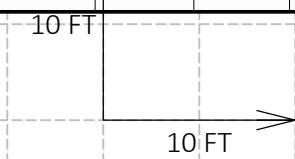
CUT/FILL STA:50+00.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	4.29	11	5.361
GROUND FILL	35.47	67	2.967



CUT/FILL STA:49+50.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	7.27	8	5.350
GROUND FILL	36.55	72	2.900

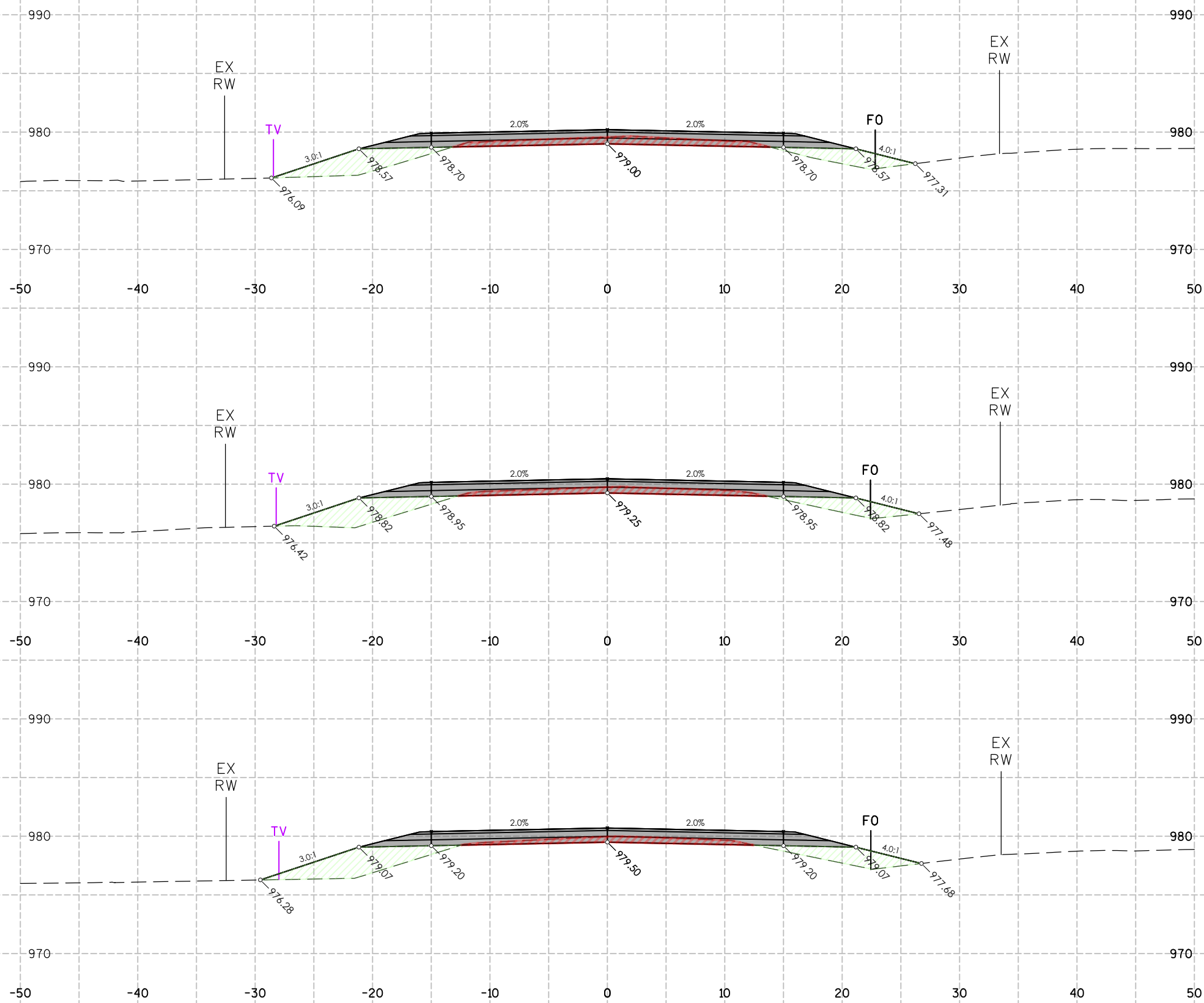


CUT/FILL STA:49+00.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	1.26	1	5.342
GROUND FILL	41.09	82	2.829



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CUT/FILL STA:51+50.00

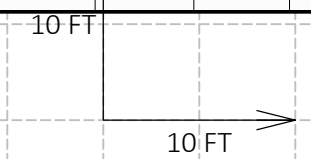
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	13.03	22	5,413
GROUND FILL	27.85	53	3,144

CUT/FILL STA:51+00.00

ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	10.88	18	5,391
GROUND FILL	29.51	59	3,091

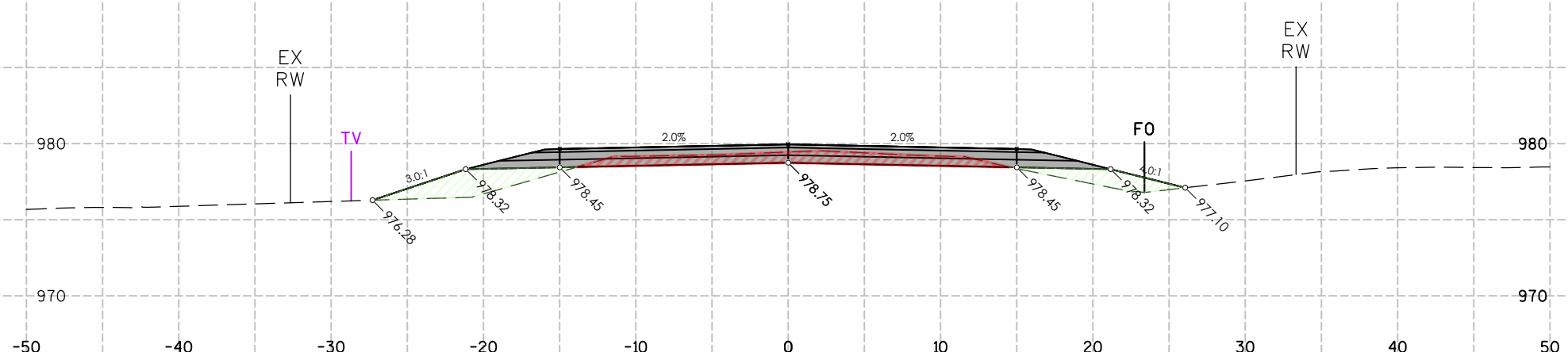
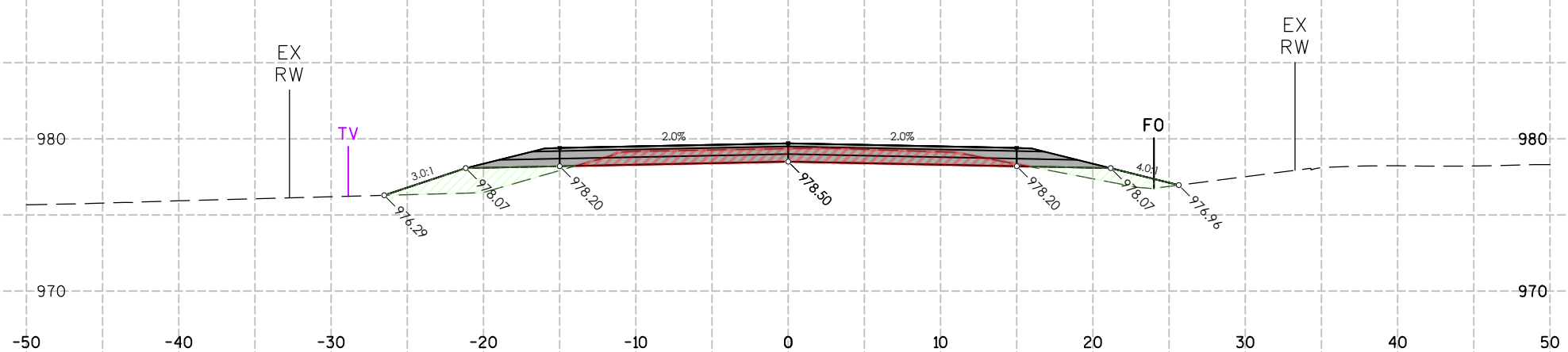
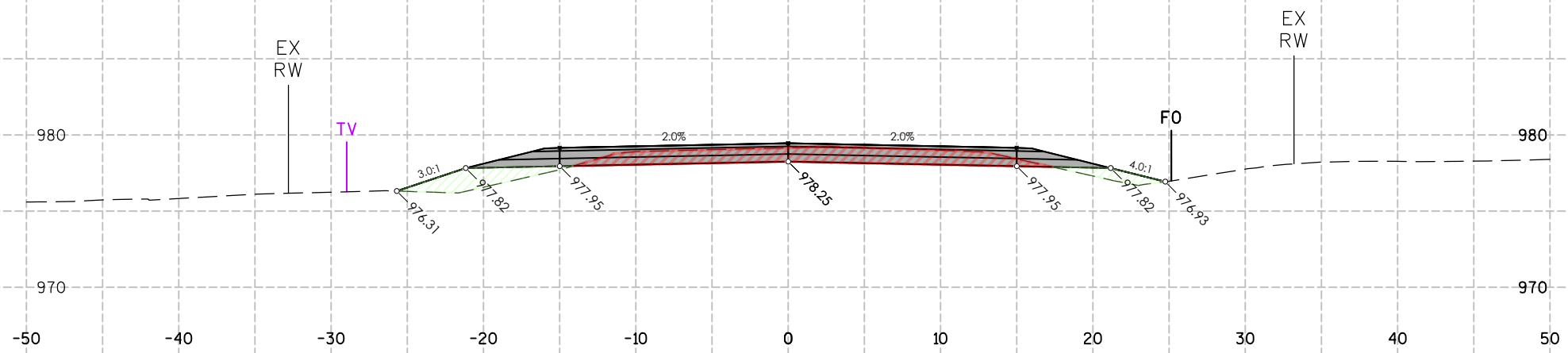
CUT/FILL STA:50+50.00

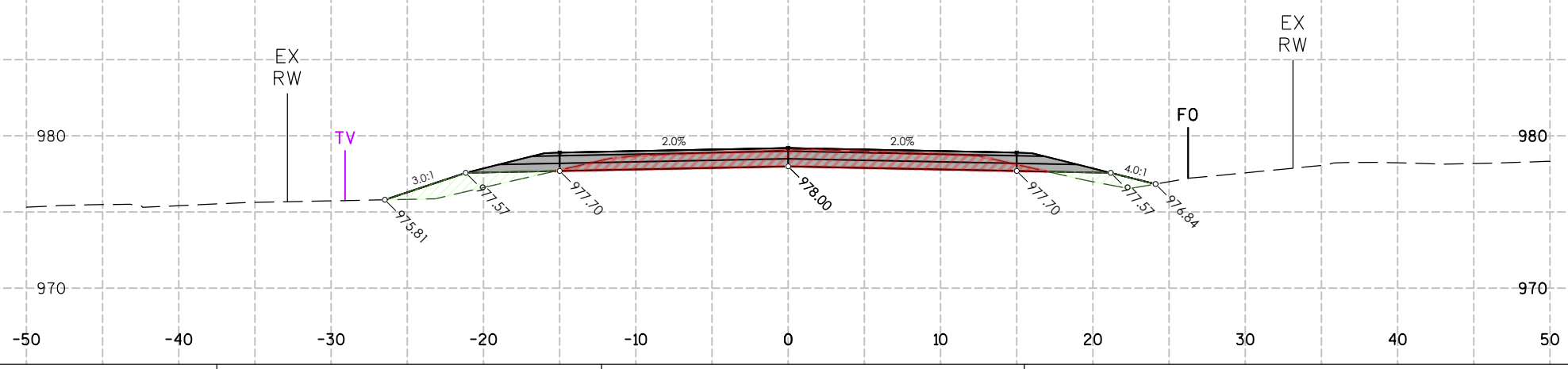
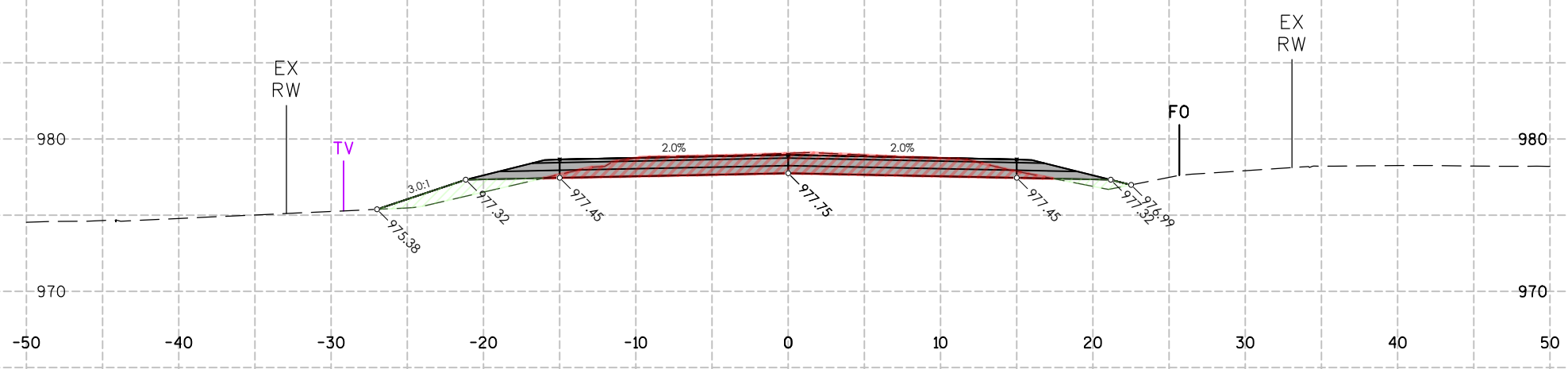
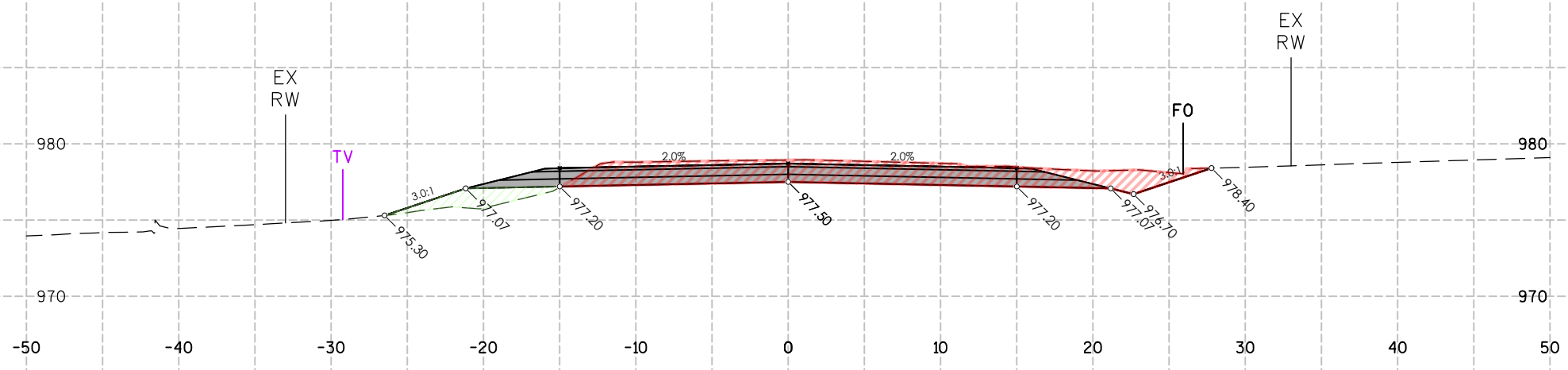
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	8.83	12	5,373
GROUND FILL	34.59	65	3,032



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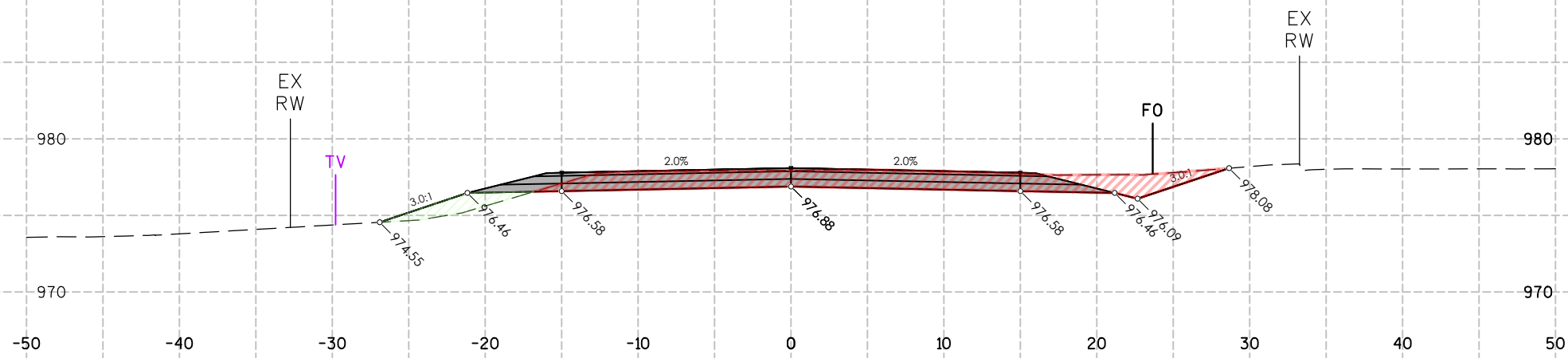
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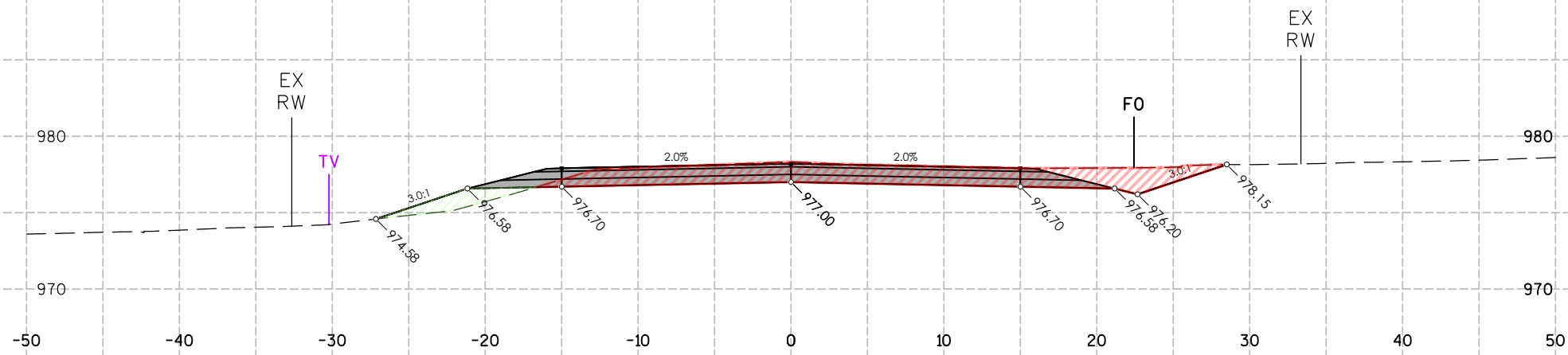


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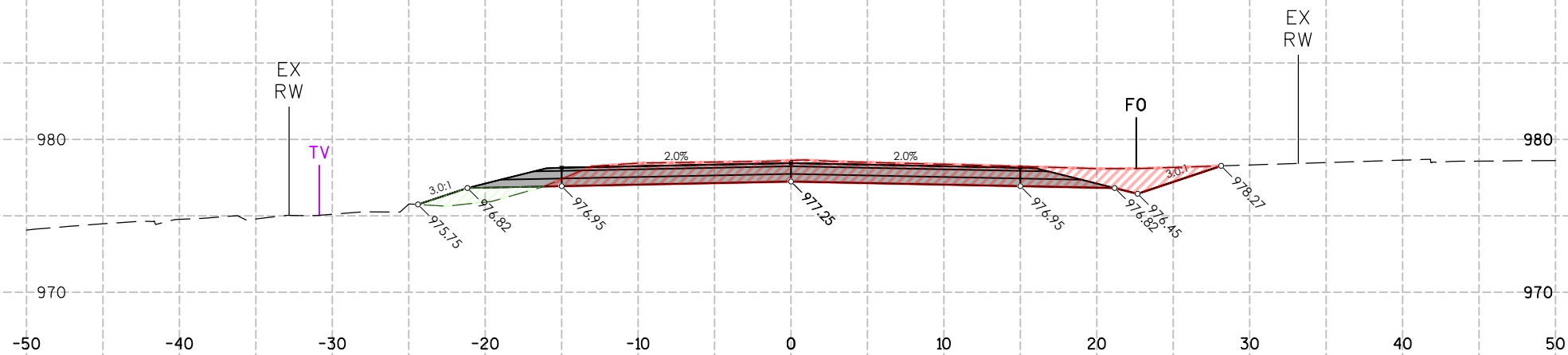
6



CUT/FILL STA:56+00.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	47.69	92	6,004
GROUND FILL	6.61	12	3,341



CUT/FILL STA:55+50.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	51.48	98	5,912
GROUND FILL	6.60	11	3,329



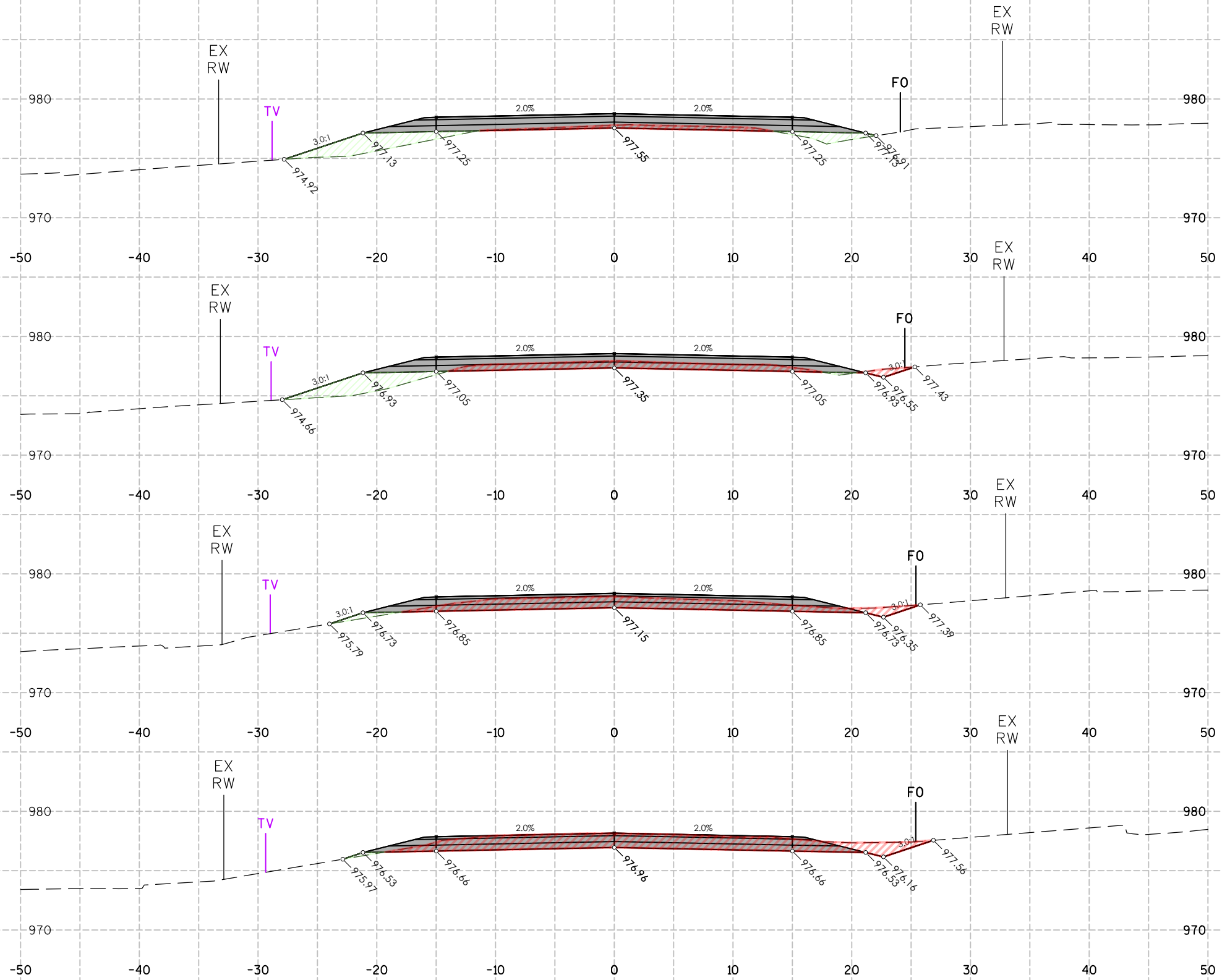
CUT/FILL STA:55+00.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	54.49	101	5,814
GROUND FILL	5.02	12	3,318

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CUT/FILL STA:58+00.00

ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	4.98	20	6,222
GROUND FILL	18.59	30	3,393

CUT/FILL STA:57+50.00

ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	16.52	43	6,202
GROUND FILL	13.34	14	3,363

CUT/FILL STA:57+00.00

ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	29.94	70	6,159
GROUND FILL	1.46	2	3,349

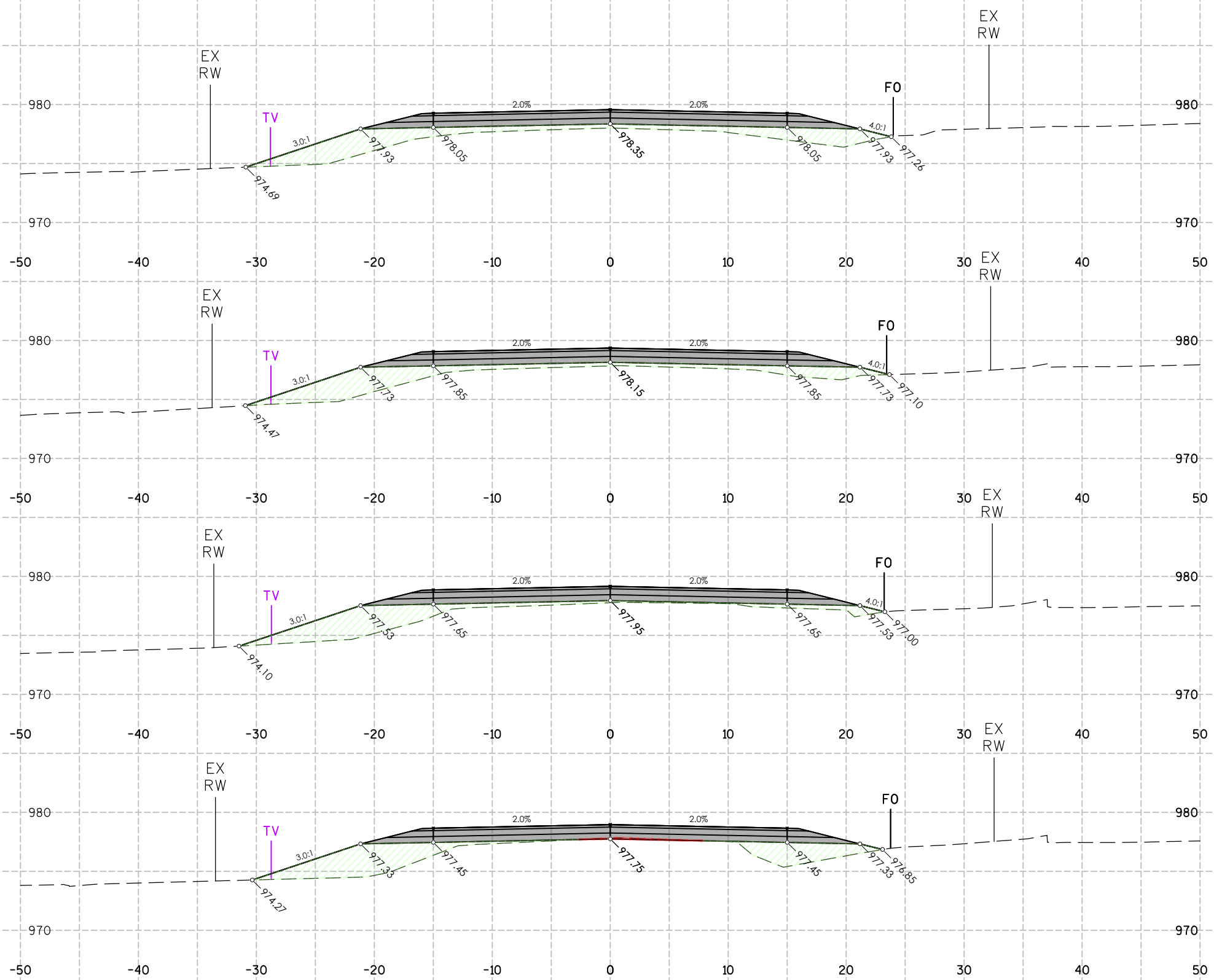
CUT/FILL STA:56+50.00

ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	45.13	86	6,090
GROUND FILL	0.50	7	3,348

10 FT

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CUT/FILL STA:60+00.00

ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	0.00	0	6,228
GROUND FILL	45.89	81	3,680

CUT/FILL STA:59+50.00

ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	0.00	0	6,228
GROUND FILL	41.68	73	3,599

CUT/FILL STA:59+00.00

ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	0.00	0	6,228
GROUND FILL	37.22	75	3,526

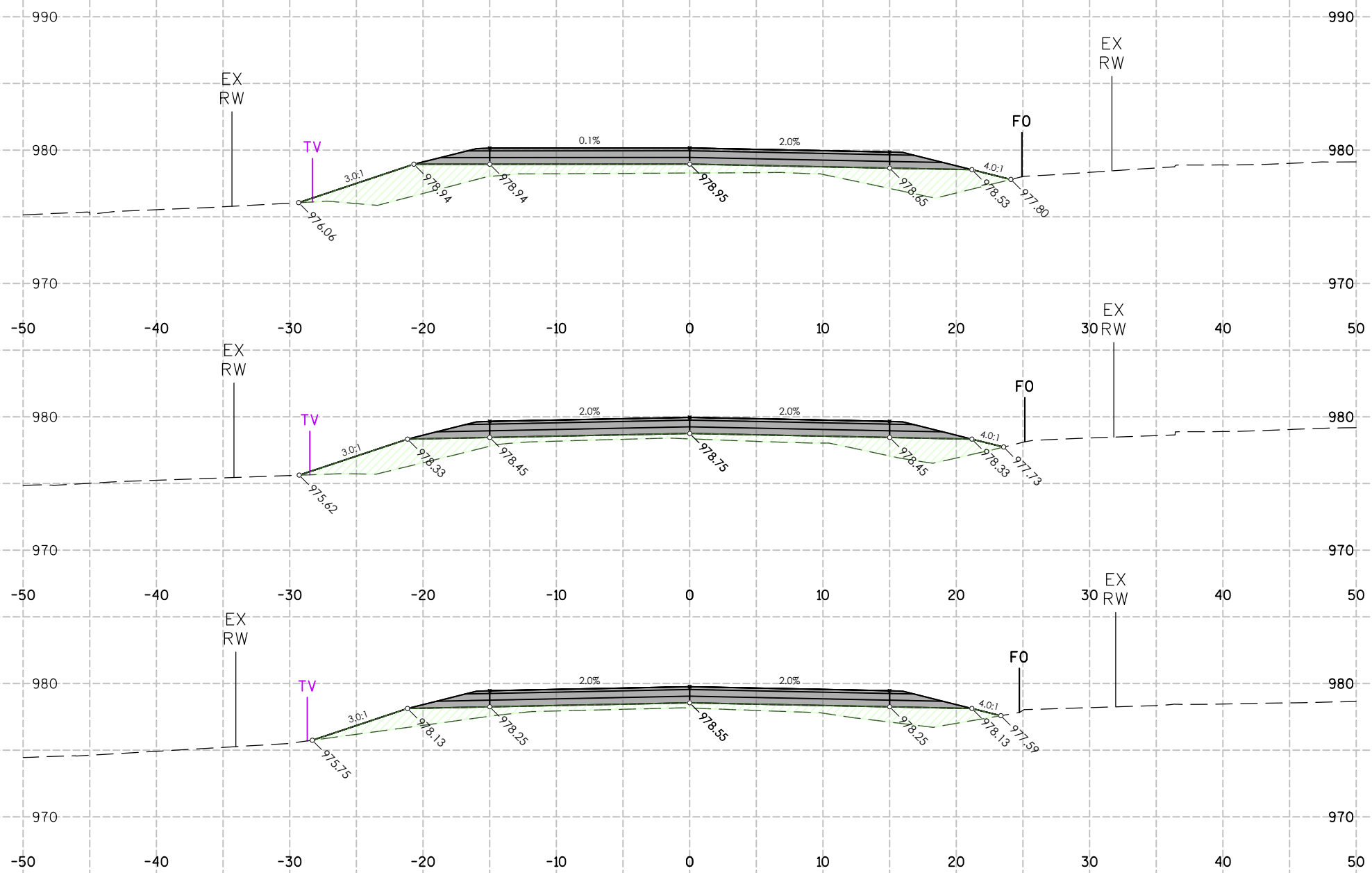
CUT/FILL STA:58+50.00

ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	0.51	5	6,227
GROUND FILL	44.28	58	3,451

10 FT

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6

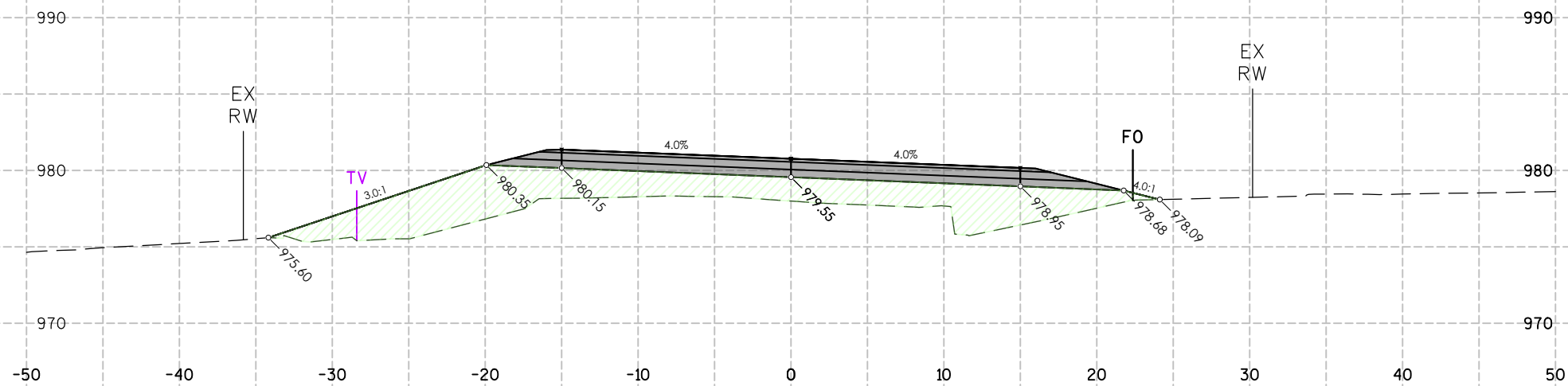


CUT/FILL STA:61+50.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	0.00	0	6,228
GROUND FILL	56.48	93	3,923

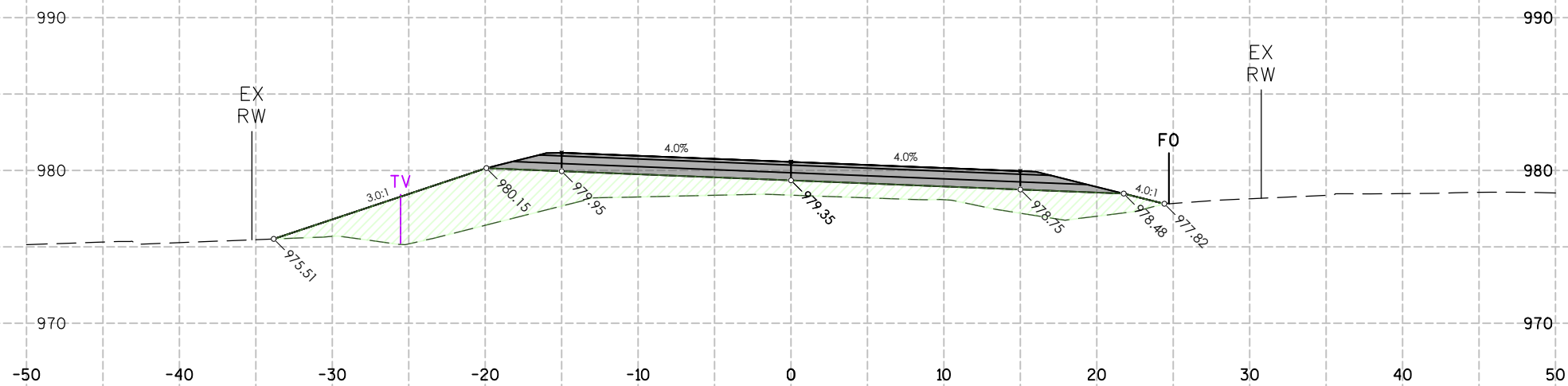
CUT/FILL STA:61+00.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	0.00	0	6,228
GROUND FILL	44.31	74	3,830

CUT/FILL STA:60+50.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	0.00	0	6,228
GROUND FILL	35.75	76	3,756

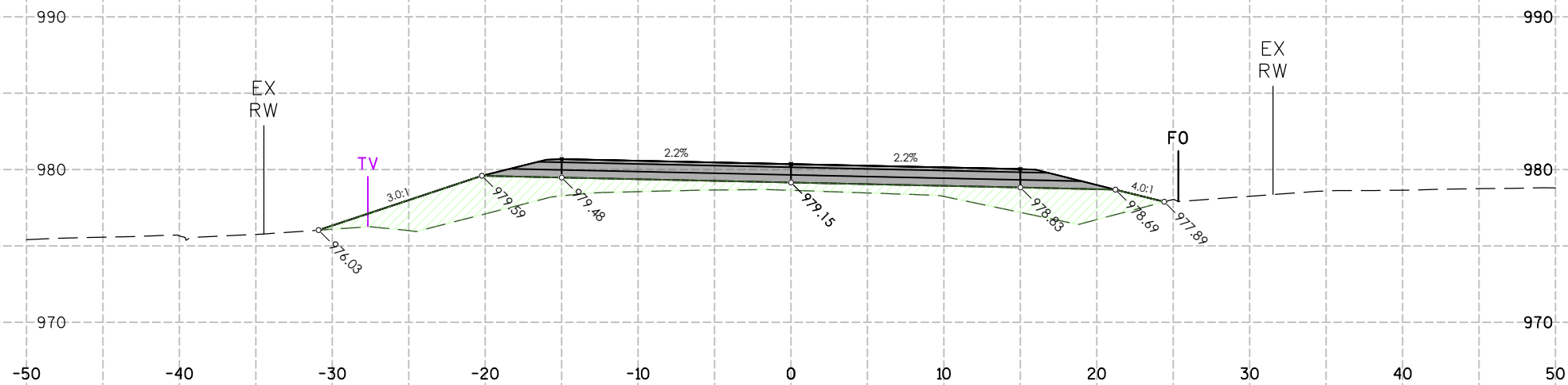
10 FT



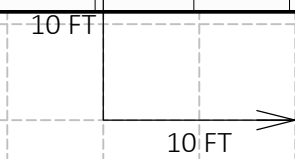
CUT/FILL STA:63+00.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	0.00	0	6,228
GROUND FILL	111.64	193	4,375



CUT/FILL STA:62+50.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	0.00	0	6,228
GROUND FILL	94.62	147	4,182

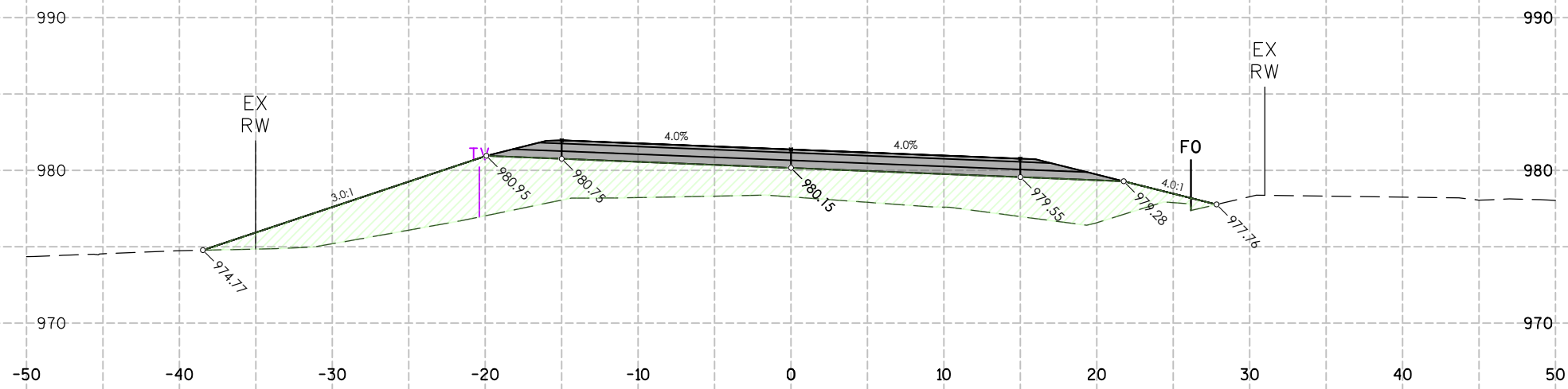


CUT/FILL STA:62+00.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	0.00	0	6,228
GROUND FILL	63.44	111	4,035

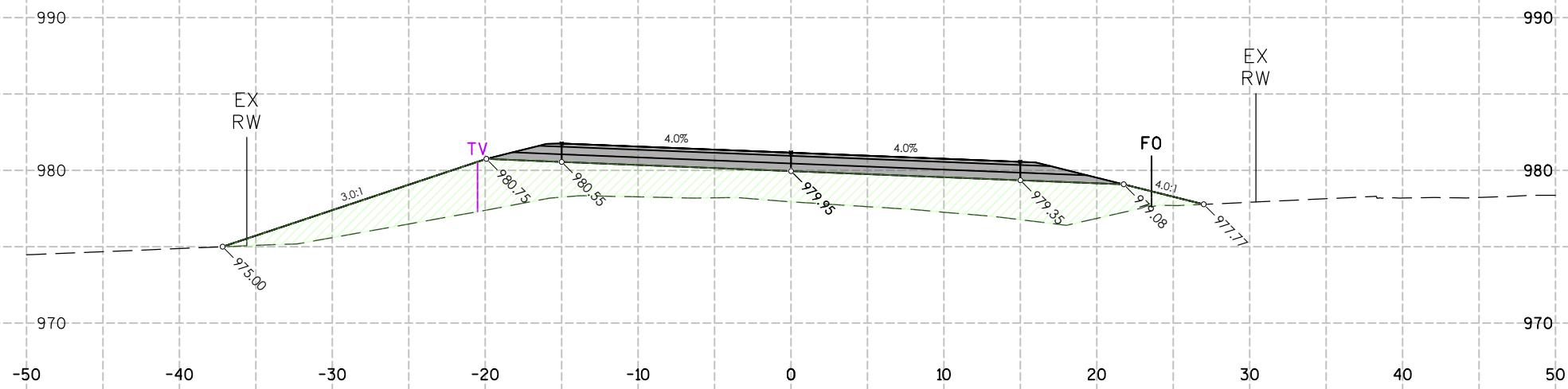


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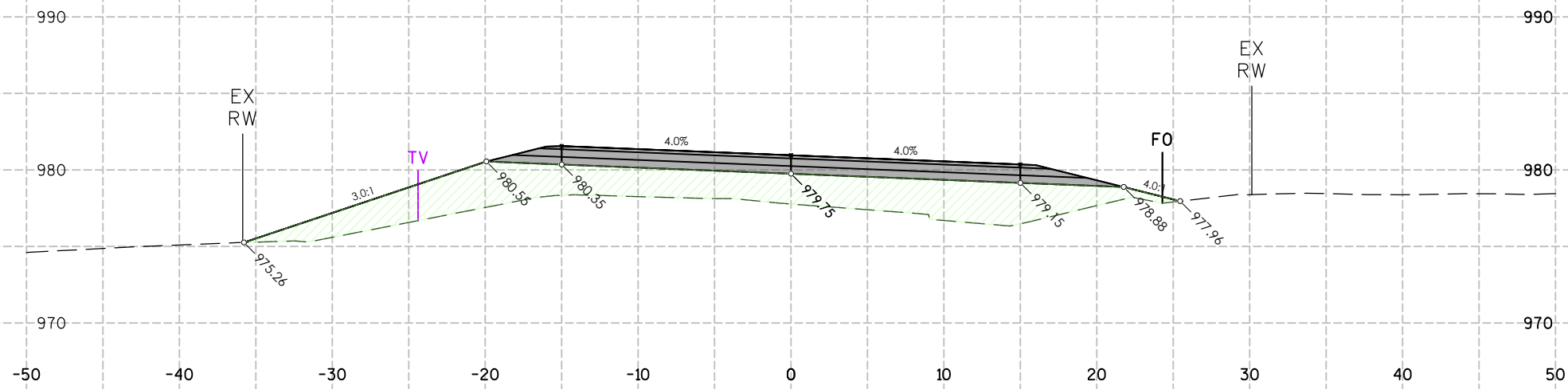
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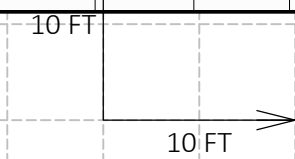
CUT/FILL STA:64+50.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	0.00	0	6,228
GROUND FILL	148.06	261	5,083



CUT/FILL STA:64+00.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	0.00	0	6,228
GROUND FILL	131.99	232	4,821

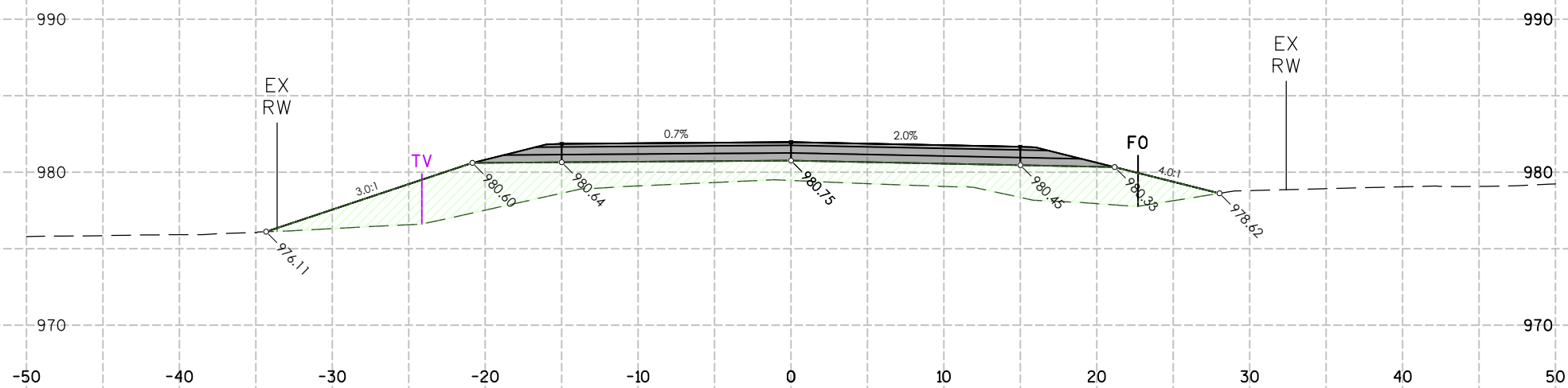


CUT/FILL STA:63+50.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	0.00	0	6,228
GROUND FILL	117.26	214	4,589

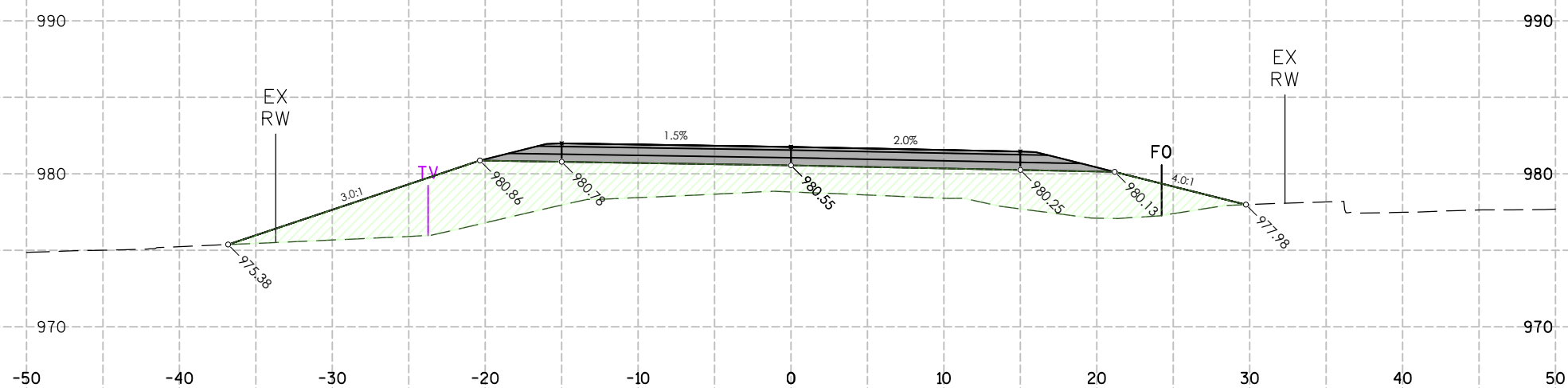


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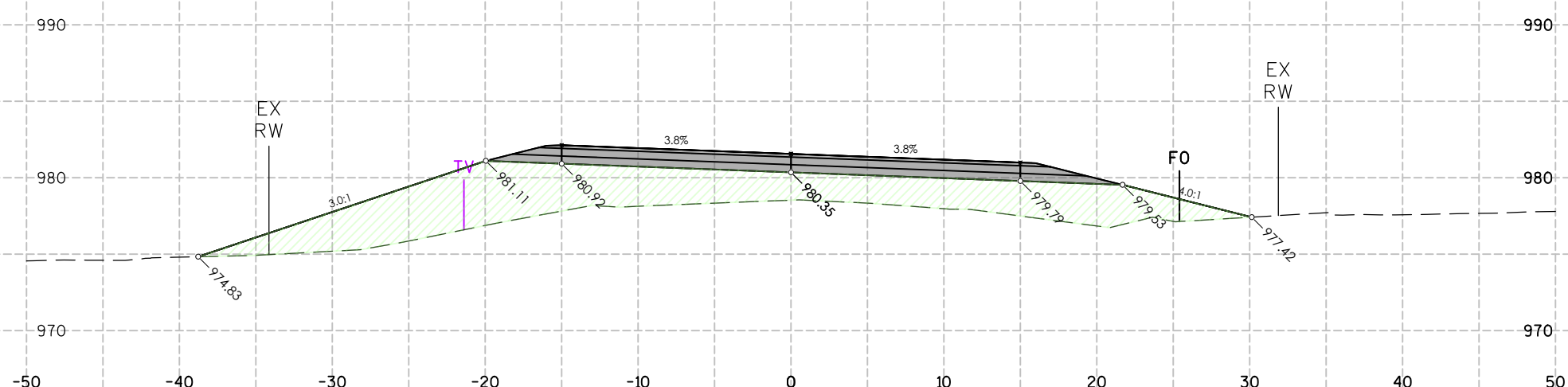
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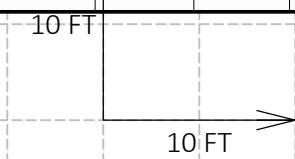
CUT/FILL STA:66+00.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	0.00	0	6,228
GROUND FILL	109.10	239	5,892



CUT/FILL STA:65+50.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	0.00	0	6,228
GROUND FILL	148.98	285	5,653

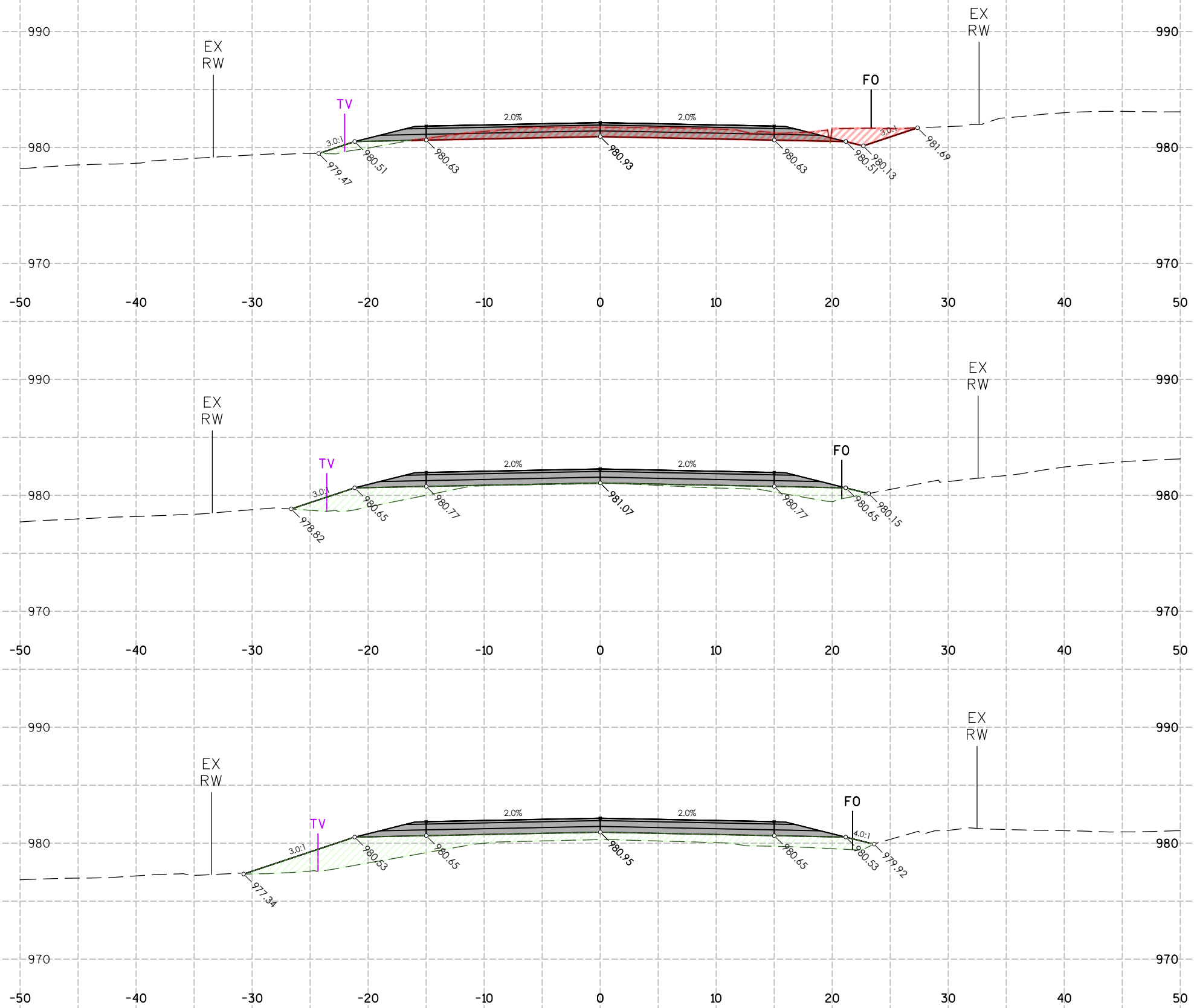


CUT/FILL STA:65+00.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	0.00	0	6,228
GROUND FILL	157.31	285	5,368



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CUT/FILL STA:67+50.00

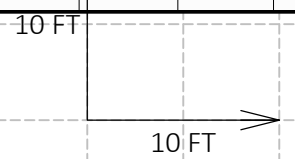
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	32.99	31	6,258
GROUND FILL	3.23	26	6,145

CUT/FILL STA:67+00.00

ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	0.00	0	6,228
GROUND FILL	24.93	74	6,119

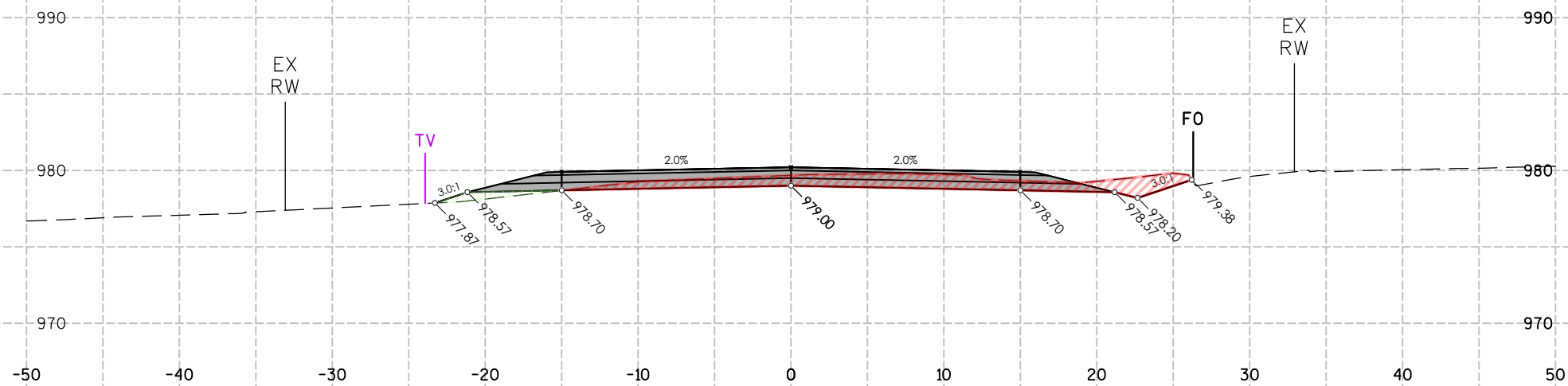
CUT/FILL STA:66+50.00

ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	0.00	0	6,228
GROUND FILL	55.45	152	6,044

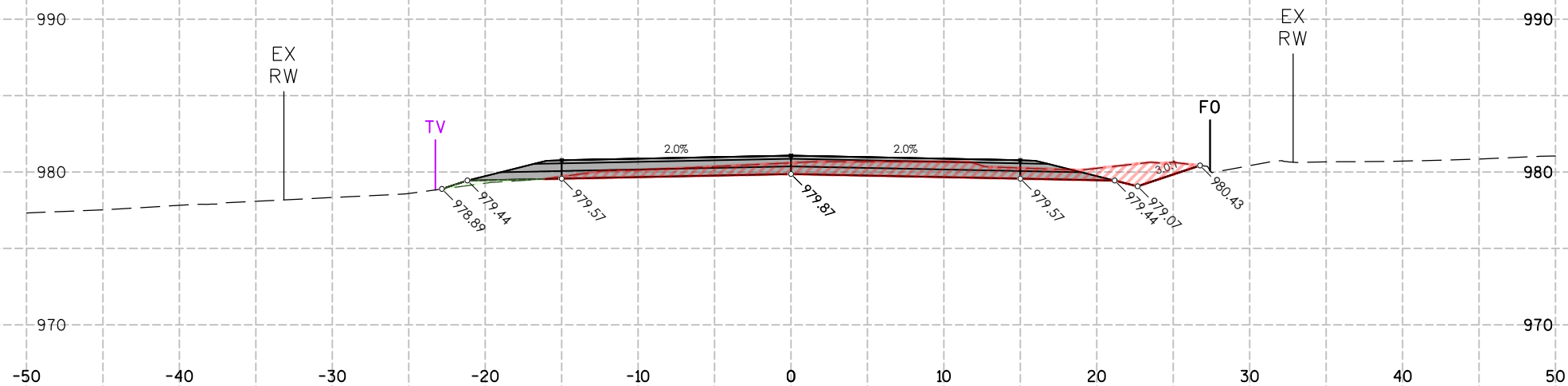


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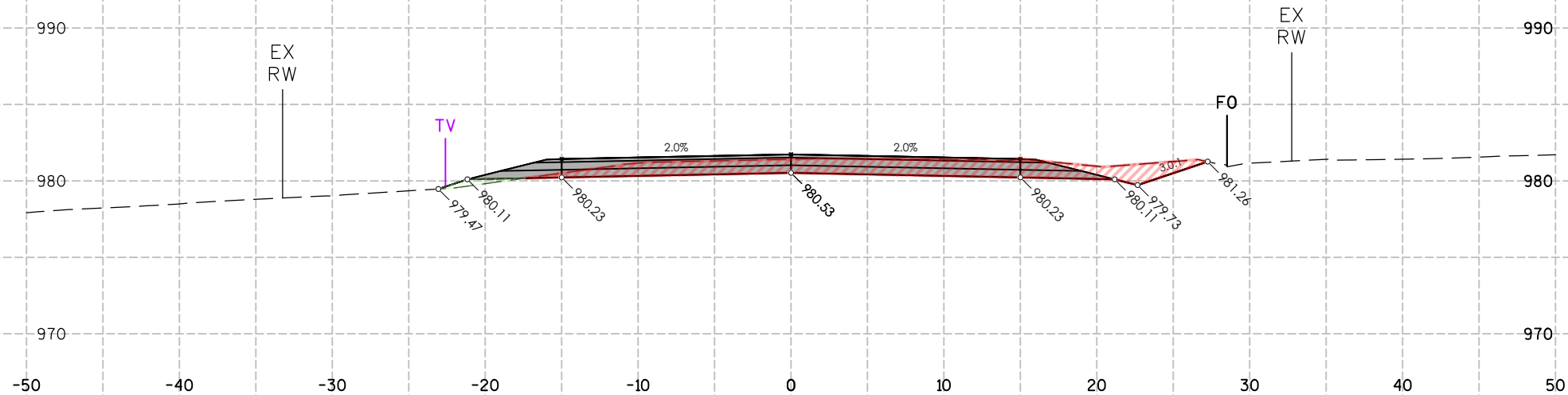
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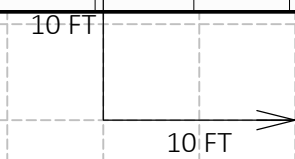
CUT/FILL STA:69+00.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	27.93	54	6,444
GROUND FILL	2.47	3	6,154



CUT/FILL STA:68+50.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	30.79	64	6,389
GROUND FILL	0.93	2	6,151

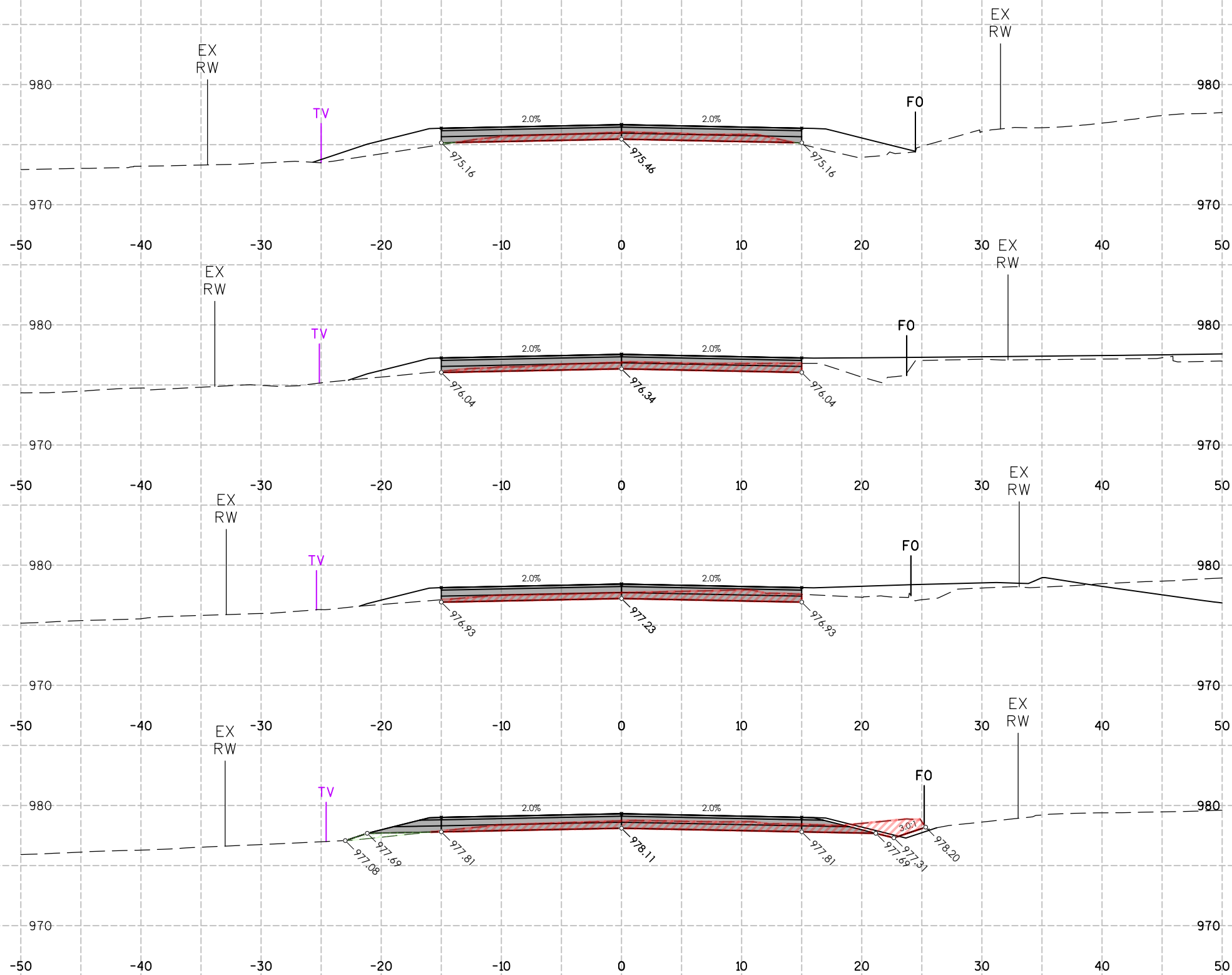


CUT/FILL STA:68+00.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	38.85	67	6,325
GROUND FILL	1.30	4	6,149



6

6



CUT/FILL STA:71+00.00

ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	13.21	26	6,589
GROUND FILL	0.15	0	6,159

CUT/FILL STA:70+50.00

ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	15.09	30	6,563
GROUND FILL	0.00	0	6,159

CUT/FILL STA:70+00.00

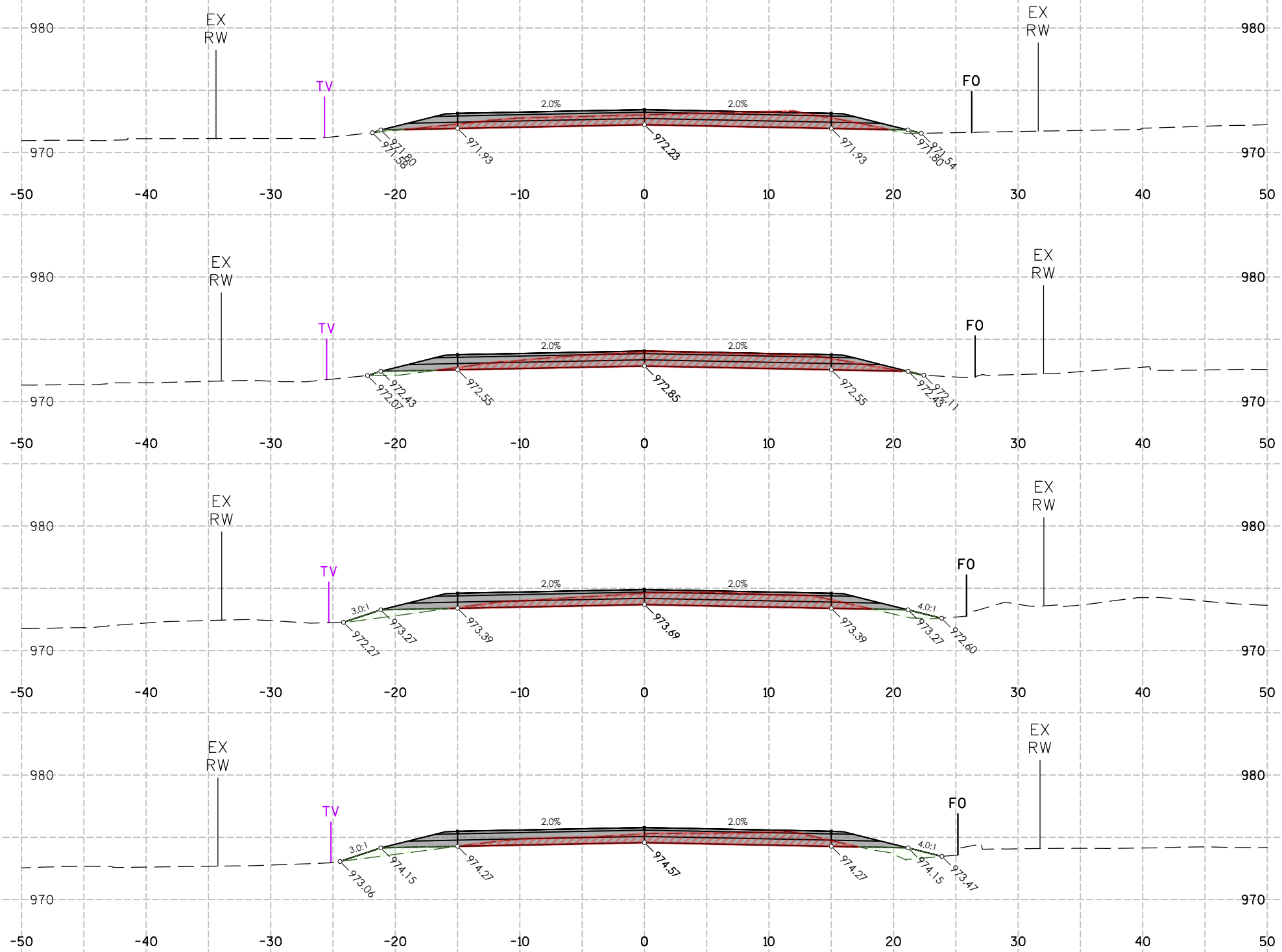
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	17.17	40	6,533
GROUND FILL	0.00	1	6,159

CUT/FILL STA:69+50.00

ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	25.79	50	6,493
GROUND FILL	1.62	4	6,158

6

6



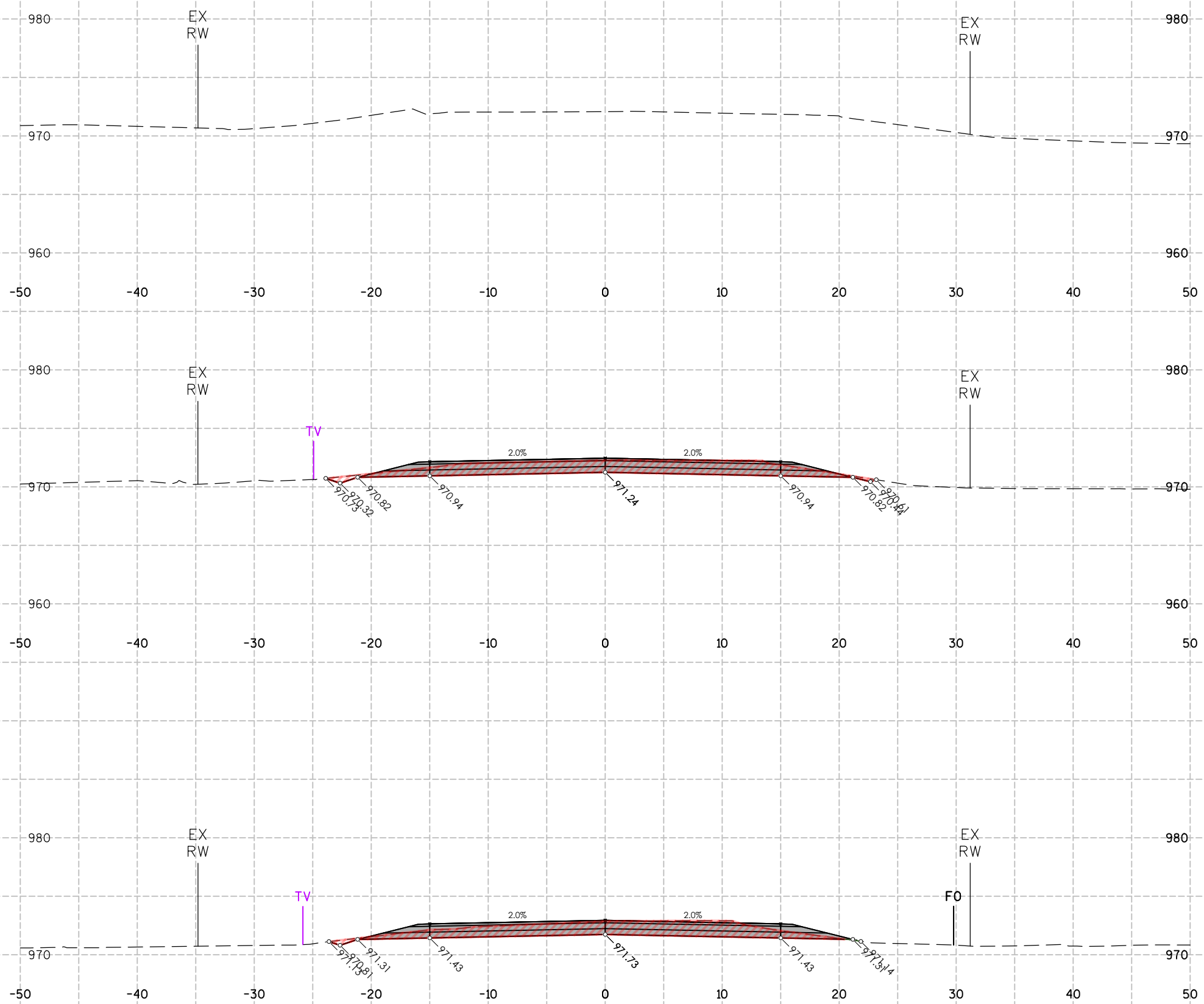
CUT/FILL STA:73+00.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	29.43	57	6,772
GROUND FILL	0.59	2	6,182

CUT/FILL STA:72+50.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	31.61	52	6,715
GROUND FILL	1.28	5	6,180

CUT/FILL STA:72+00.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	25.01	42	6,663
GROUND FILL	4.48	10	6,175

CUT/FILL STA:71+50.00			
ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	20.59	31	6,620
GROUND FILL	5.99	6	6,165

10 FT



CUT/FILL STA:74+50.00

ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	0.00	36	6,939
GROUND FILL	0.00	0	6,183

CUT/FILL STA:74+00.00

ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	39.13	70	6,903
GROUND FILL	0.00	0	6,183

CUT/FILL STA:73+50.00

ITEM	AREA (SF)	VOL (CY)	CUM. VOL. (CY)
GROUND REMOVED	36.62	61	6,833
GROUND FILL	0.05	1	6,183

6

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