SURVEY FILE
CROSS SECTIONS

ROUTE 4 (EAST) WIDENING

EA 2285E1
PM R26.6/R27.5
CC-04-4
MAY 4, 2011

SECTION I
"CL" LINE

SECTION II
"CLOA" LINE

SECTION III
"DR" LINE

SECTION IV
"E" LINE

SECTION V
"EL" LINE

SECTION VI
"ER" LINE

SECTION VII
"FT" LINE

SECTION VIII
"G" LINE

SECTION IX
"MI" LINE

SECTION X
"REF" LINE

SECTION XI
"REN" LINE

SECTION XII
"RWF" LINE

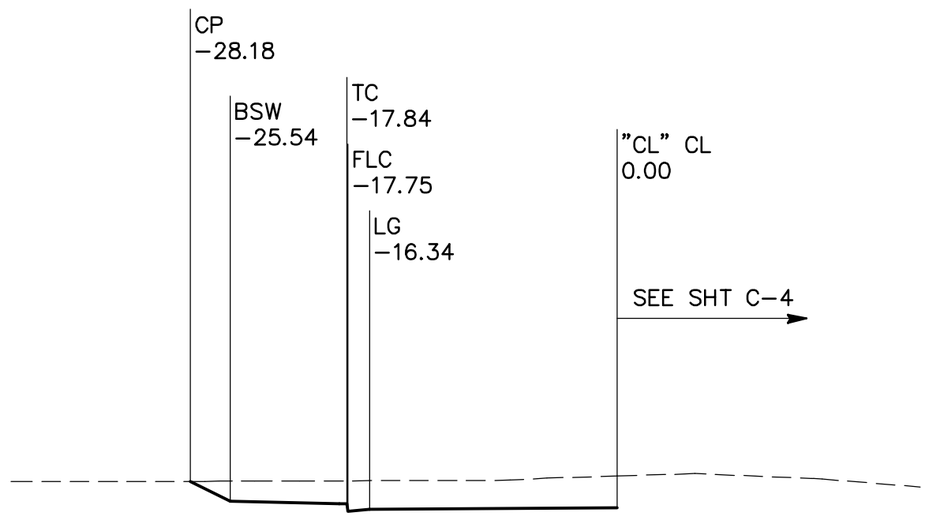
SECTION XIII
"RWN" LINE

CROSS SECTIONS

ROUTE 4 (EAST) WIDENING

SECTION I

"CL" LINE - (SHEET 1-15)



"CL" LINE
STATION 56+96.18

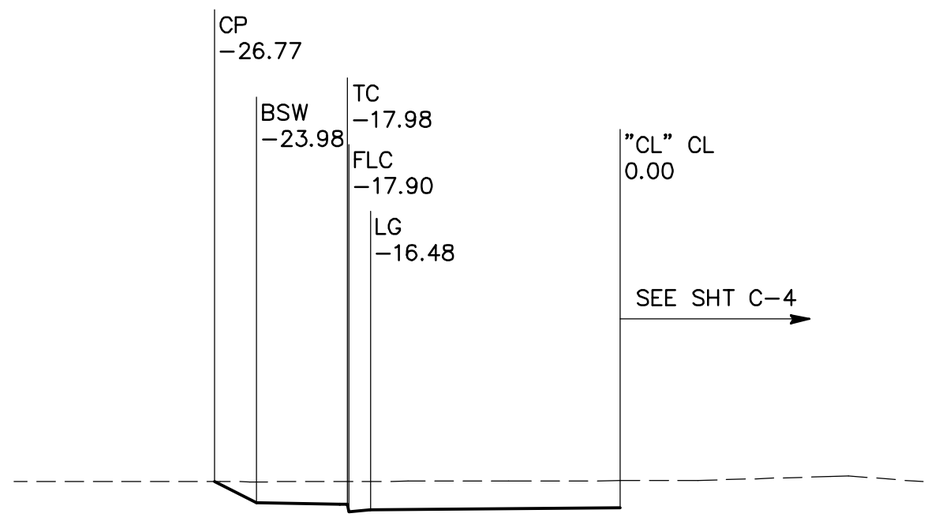
	CP	BSW	TC	FLC	LG	CL	SEE SHT C−4
Elev	31.72	30.40	30.24	29.74	29.87	29.98	
Dist	28.18	25.54	17.84	17.75	16.34	0.00	
X−Slope	49.98%	2.04%			−0.67%		

LEGEND:

(XX.XX) EXISTING GROUND ELEVATION

ABBREVIATIONS:

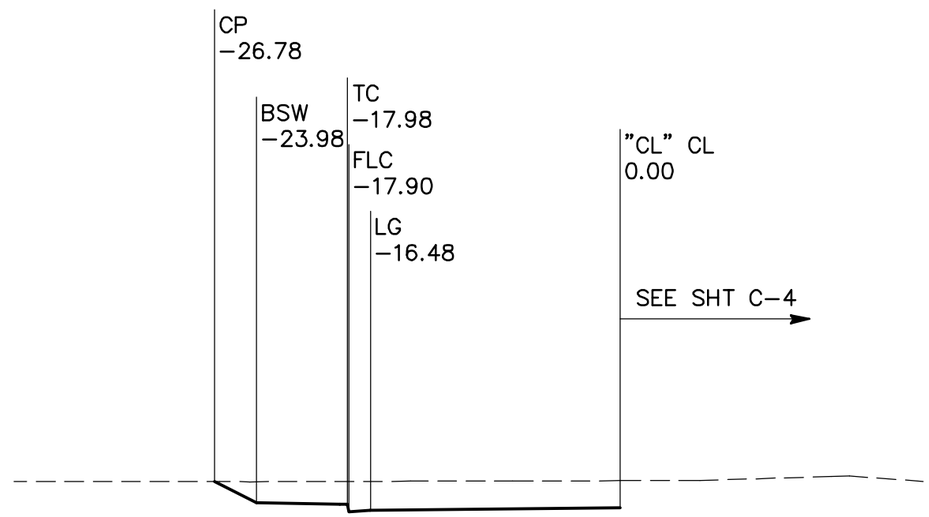
BAR − Barrier Face
BBAR − Back of Barrier
BSW − Back of Sidewalk
BWALL − Back of Wall
CL − Centerline
CP − Catch Point
EC − Edge of Concrete
EG − Edge of Gutter
EP − Edge of Pavement
ES − Edge of Shoulder
ETW − Edge of Traveled Way
FL − Paved or unpaved Flow Line
FLC − Flow Line Curb
FWALL − Face of Wall
GB − Grade Break
HP − Hinge Point
ML − Match Line
LG − Lip of Gutter
P − Pavement
PG − Profile Grade
R/W − Right of Way
RW LOL − Retaining Wall Layout Line
S/C − Saw Cut Line
SW LOL − Sound Wall Layout Line
TBAR − Top of Barrier
TC − Top of Curb
TDITCH − Top of Ditch
TE − Top of Embankment
TGT − Top of Gutter
TOD − Top of Dike
TSW − Top of Swale



"CL" LINE
STATION 56+99.96

	CP	BSW	TC	FLC	LG	CL	SEE SHT C−4
Elev	31.78	30.38	30.26	29.76	29.89	30.03	
Dist	26.77	23.98	17.98	17.90	16.48	0.00	
X−Slope	49.98%	2.00%			−0.83%		

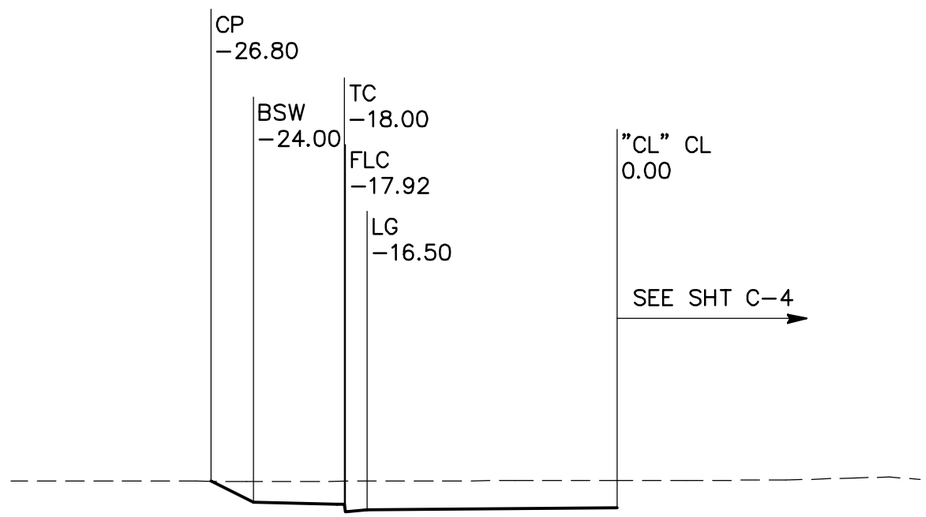
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"CL" LINE
STATION 57+00.00

	CP	BSW	TC	FLC	LG	CL	SEE SHT C−4
Elev	31.78	30.38	30.26	29.76	29.89	30.03	
Dist	26.78	23.98	17.98	17.90	16.48	0.00	
X−Slope	50.02%	2.00%			−0.83%		

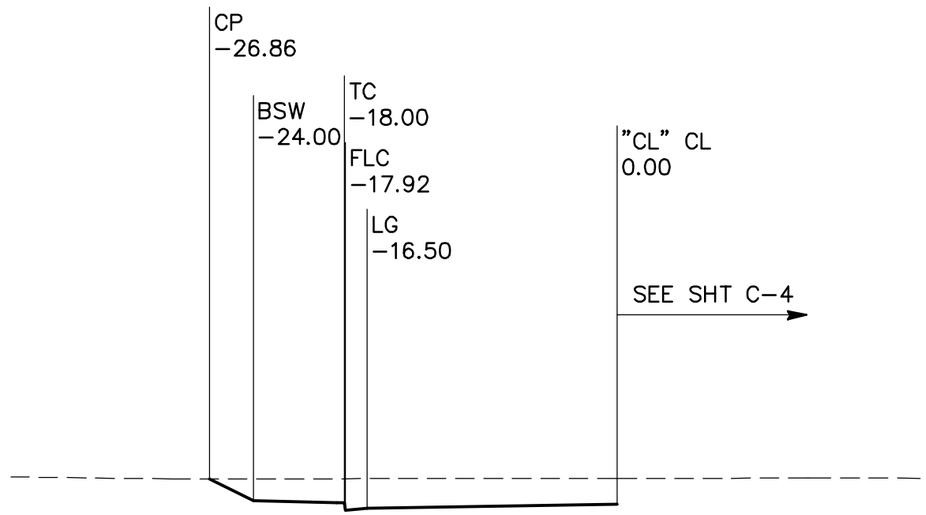
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"CL" LINE
STATION 57+01.83

	CP	BSW	TC	FLC	LG	CL	SEE SHT C−4
Elev	31.79	30.40	30.28	29.78	29.91	30.05	
Dist	26.80	24.00	18.00	17.92	16.50	0.00	
X−Slope	49.98%	2.00%			−0.88%		

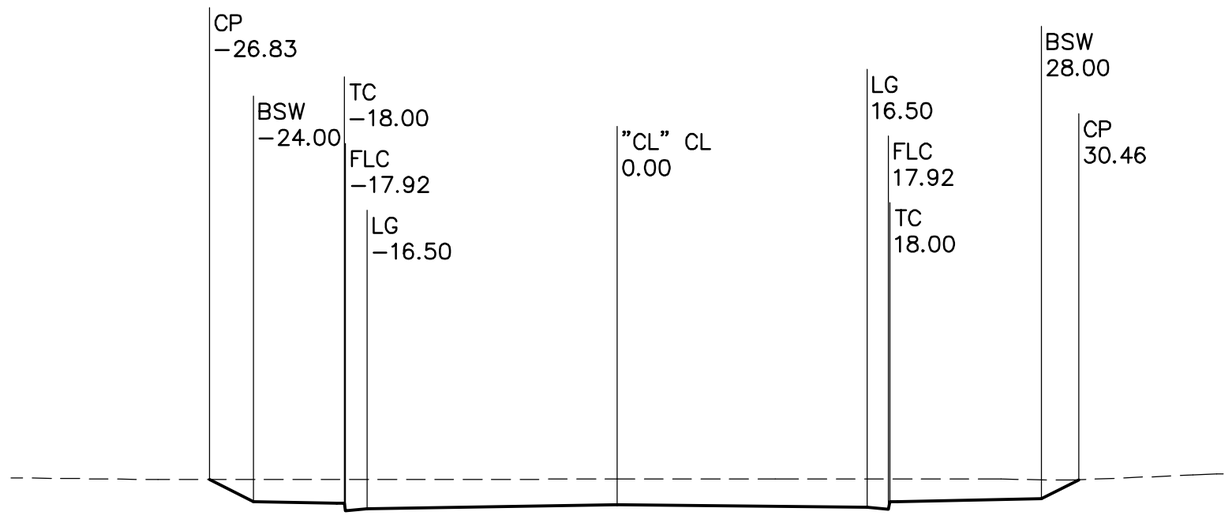
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"CL" LINE
STATION 57+25.00

	CP	BSW	TC	FLC	LG	CL	SEE SHT C−4
Elev	32.01	30.57	30.45	29.95	30.08	30.35	
Dist	26.86	24.00	18.00	17.92	16.50	0.00	
X−Slope	50.47%	2.00%			−1.62%		

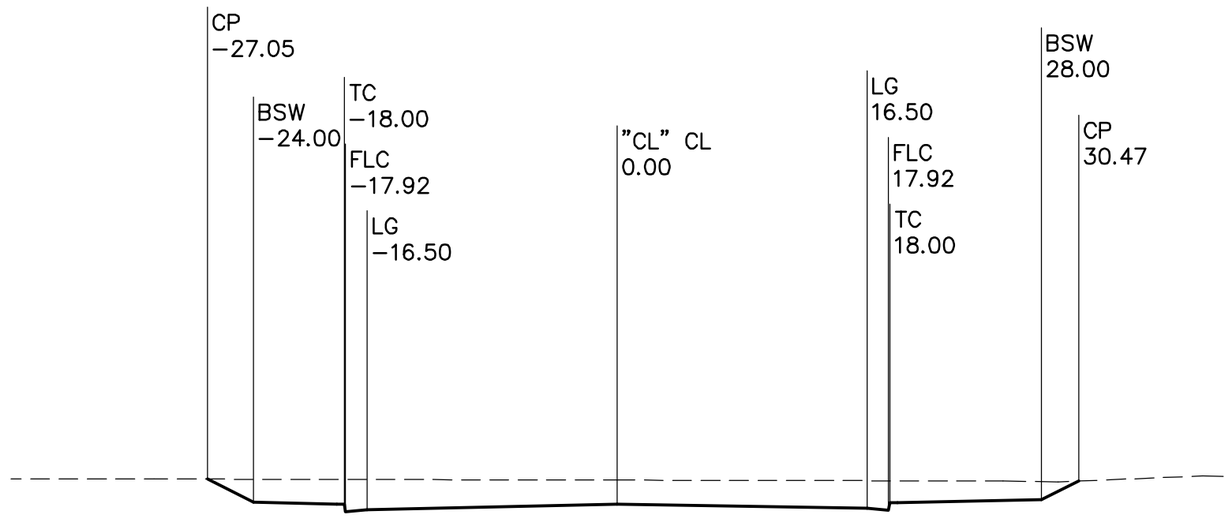
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"CL" LINE
STATION 57+26.90

	CP	BSW	TC	FLC	LG	CL	LG	FLC	TC	BSW	CP
Elev	32.04	30.59	30.47	29.97	30.10	30.37	30.22	30.09	30.59	30.79	32.02
Dist	26.83	24.00	18.00	17.92	16.50	0.00	16.50	17.92	18.00	28.00	30.46
X−Slope	51.27%	2.00%			−1.66%		−0.91%			2.00%	49.98%

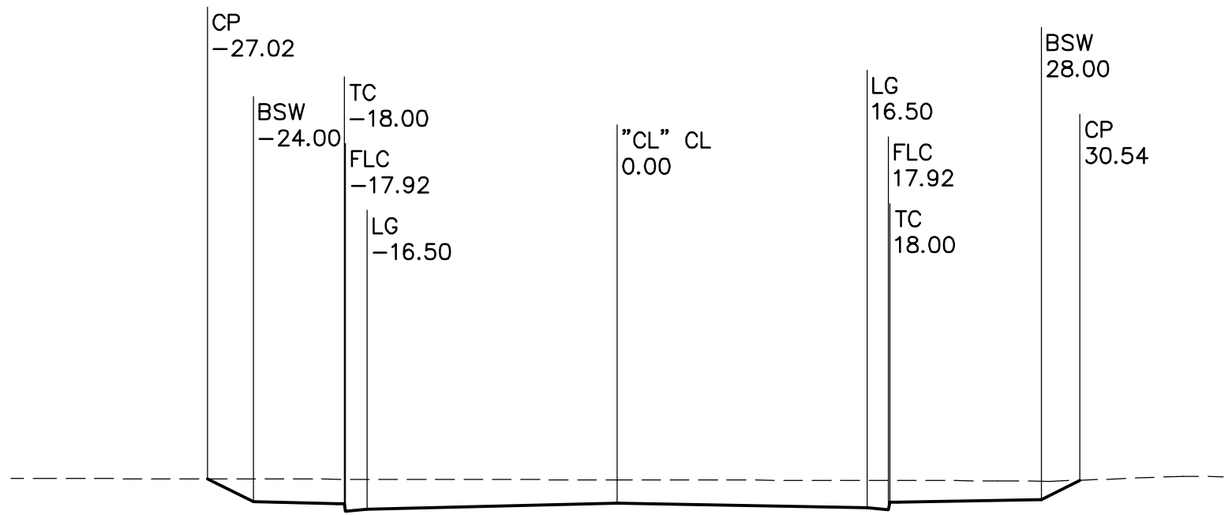
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"CL" LINE
STATION 57+47.12

	CP	BSW	TC	FLC	LG	CL	LG	FLC	TC	BSW	CP
Elev	32.26	30.74	30.62	30.12	30.25	30.62	30.34	30.21	30.71	30.91	32.14
Dist	27.05	24.00	18.00	17.92	16.50	0.00	16.50	17.92	18.00	28.00	30.47
X−Slope	49.98%	2.00%			−2.24%		−1.71%			2.01%	49.98%

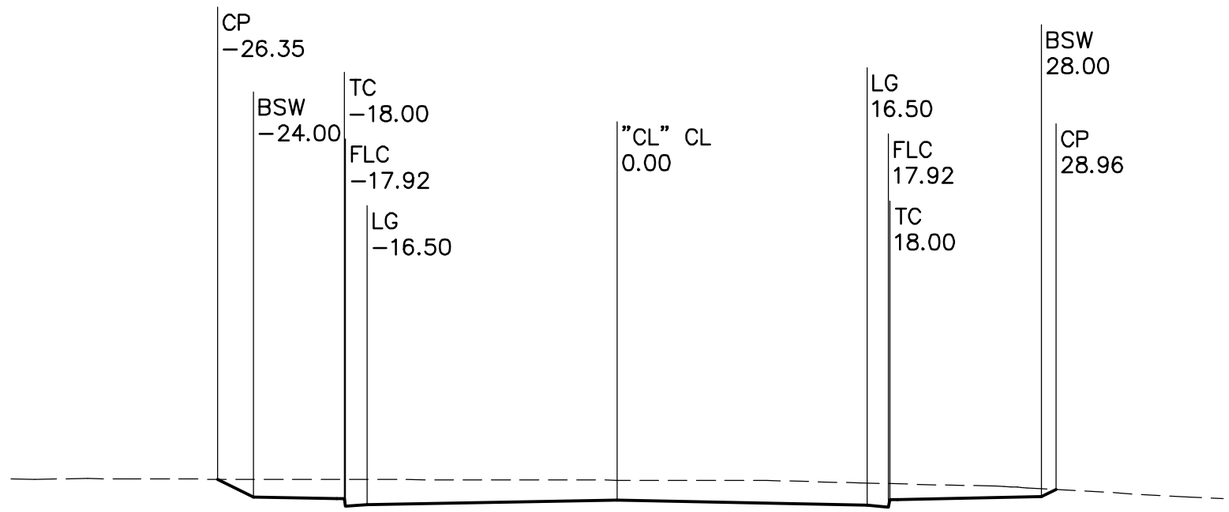
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"CL" LINE
STATION 57+50.00

	CP	BSW	TC	FLC	LG	CL	LG	FLC	TC	BSW	CP
Elev	32.28	30.77	30.65	30.15	30.28	30.66	30.36	30.23	30.73	30.92	32.19
Dist	27.02	24.00	18.00	17.92	16.50	0.00	16.50	17.92	18.00	28.00	30.54
X−Slope	50.00%	2.00%			−2.32%		−1.83%			1.90%	50.02%

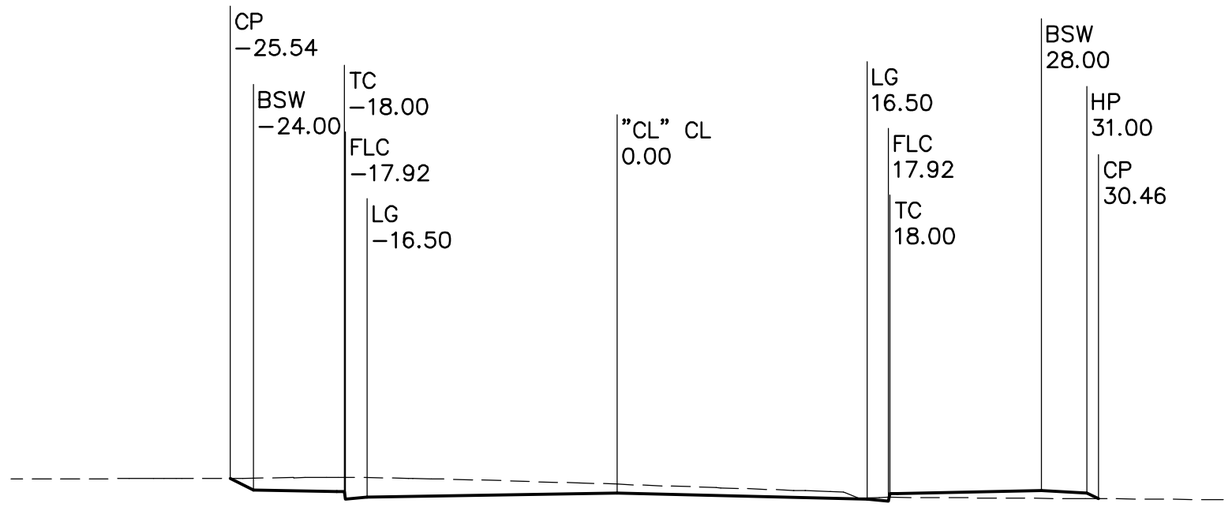
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"CL" LINE
STATION 58+00.00

	CP	BSW	TC	FLC	LG	CL	LG	FLC	TC	BSW	CP
Elev	32.46	31.28	31.16	30.66	30.79	31.09	30.74	30.61	31.11	31.30	31.78
Dist	26.35	24.00	18.00	17.92	16.50	0.00	16.50	17.92	18.00	28.00	28.96
X−Slope	50.00%	2.00%			−1.83%		−2.13%			1.90%	50.05%

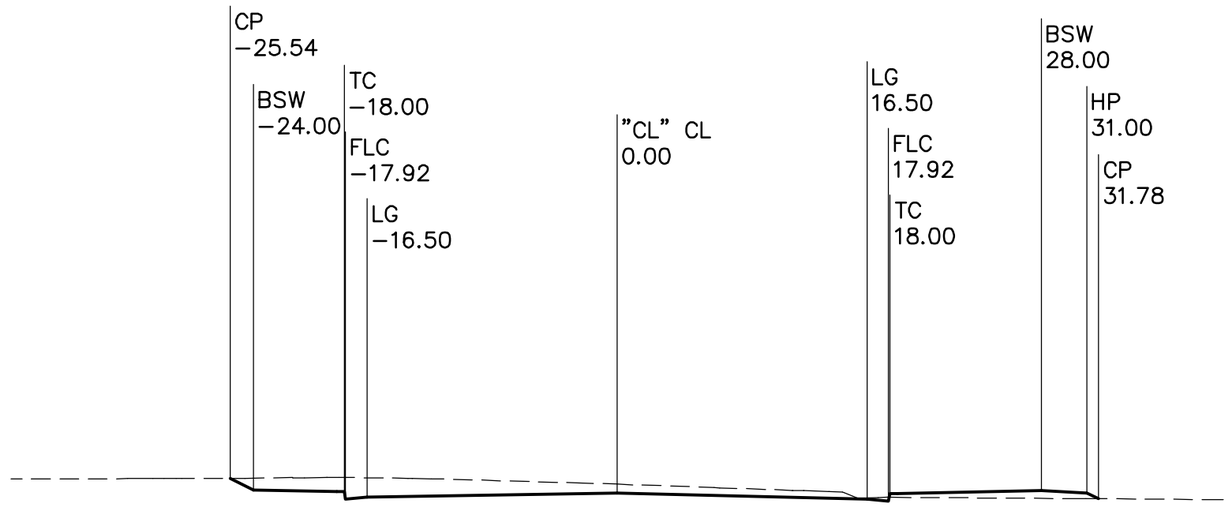
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"CL" LINE
STATION 58+26.46

	CP	BSW	TC	FLC	LG	CL	LG	FLC	TC	BSW	HP	CP
Elev	32.32	31.55	31.43	30.93	31.06	31.34	30.94	30.81	31.31	31.51	31.36	30.97
Dist	25.54	24.00	18.00	17.92	16.50	0.00	16.50	17.92	18.00	28.00	31.00	31.78
X−Slope	50.00%	2.00%			−1.70%		−2.43%			2.00%	−5.00%	−50.06%

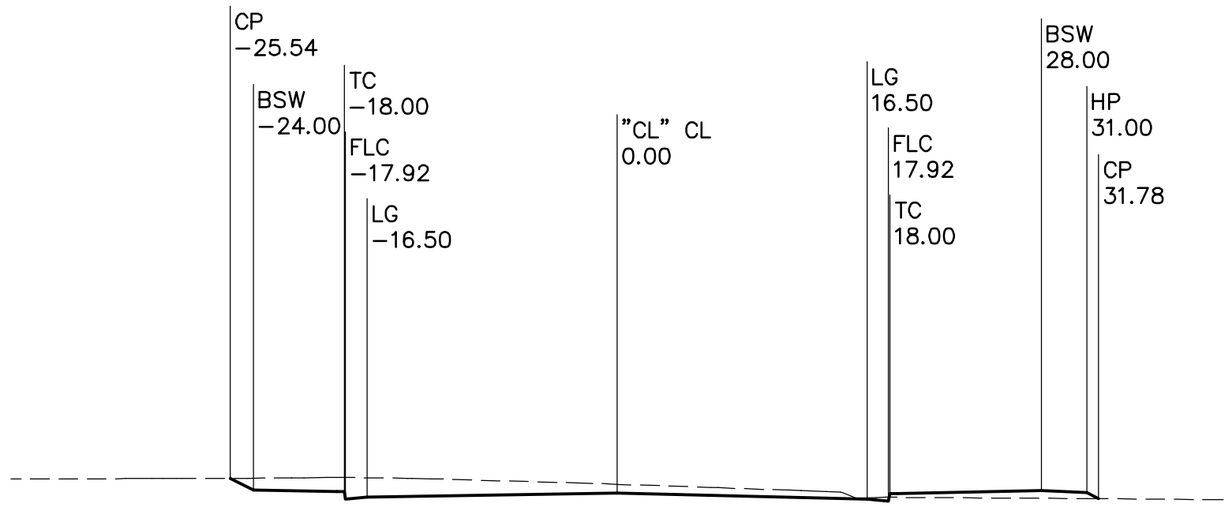
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"CL" LINE
STATION 58+26.51

	CP	BSW	TC	FLC	LG	CL	LG	FLC	TC	BSW	HP	CP
Elev	32.32	31.55	31.43	30.93	31.06	31.34	30.94	30.81	31.31	31.51	31.36	30.97
Dist	25.54	24.00	18.00	17.92	16.50	0.00	16.50	17.92	18.00	28.00	31.00	31.78
X−Slope	49.97%	2.00%			−1.69%		−2.43%			2.00%	−5.00%	−49.94%

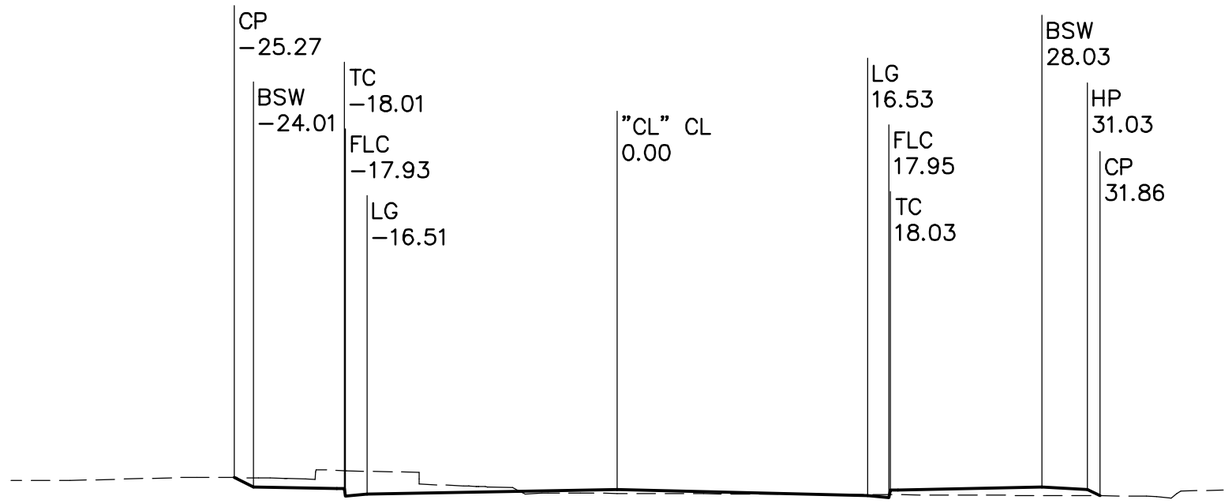
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"CL" LINE
STATION 58+26.60

	CP	BSW	TC	FLC	LG	CL	LG	FLC	TC	BSW	HP	CP
Elev	32.32	31.55	31.43	30.93	31.06	31.34	30.94	30.81	31.31	31.51	31.36	30.97
Dist	25.54	24.00	18.00	17.92	16.50	0.00	16.50	17.92	18.00	28.00	31.00	31.78
X−Slope	50.00%	2.00%			−1.69%		−2.42%			2.00%	−5.00%	−50.06%

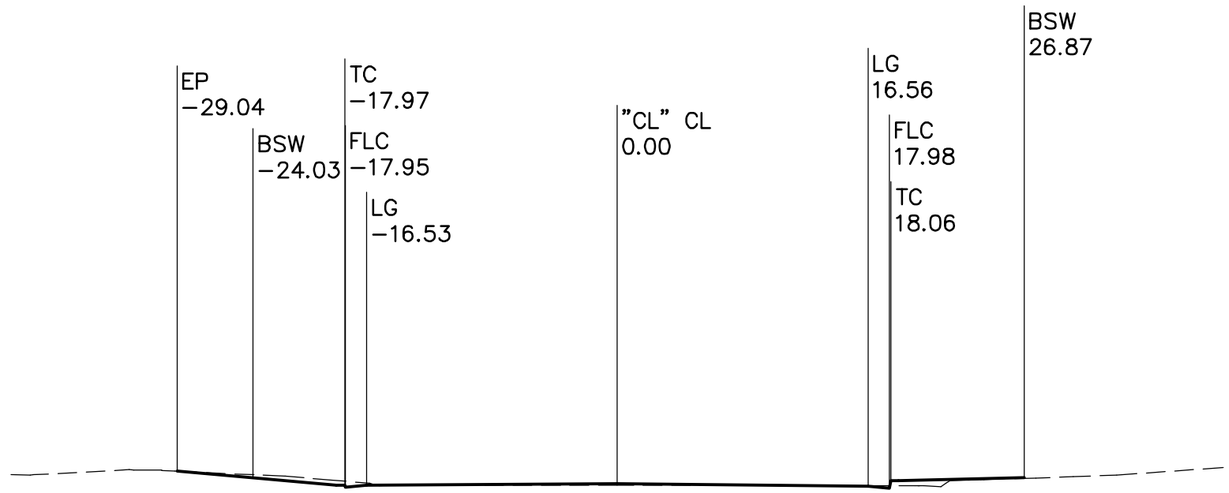
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"CL" LINE
STATION 58+50.00

	CP	BSW	TC	FLC	LG	CL	LG	FLC	TC	BSW	HP	CP
Elev	32.37	31.74	31.63	31.13	31.26	31.56	31.17	31.04	31.54	31.73	31.58	31.16
Dist	25.27	24.01	18.01	17.93	16.51	0.00	16.53	17.95	18.03	28.03	31.03	31.86
X−Slope	50.00%	1.83%			−1.83%		−2.37%			1.90%	−5.00%	−49.94%

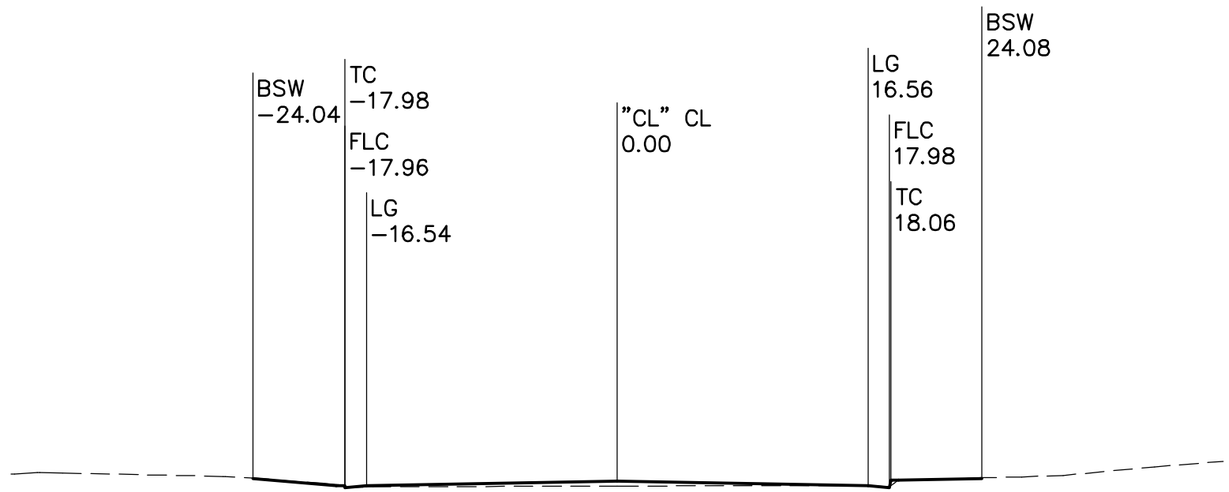
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"CL" LINE
STATION 58+75.00

	EP	BSW	TC	FLC	LG	CL	LG	FLC	TC	BSW
Elev	32.41	31.96	31.46	31.34	31.47	31.59	31.42	31.29	31.79	31.97
Dist	29.04	24.03	17.97	17.95	16.53	0.00	16.56	17.98	18.06	26.87
X−Slope	8.99%	8.16%			−0.74%		−1.01%			2.00%

FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"CL" LINE
STATION 58+95.82

	BSW	TC	FLC	LG	CL	LG	FLC	TC	BSW
Elev	32.12	31.64	31.51	31.64	31.94	31.63	31.50	32.00	32.11
Dist	24.04	17.98	17.96	16.54	0.00	16.56	17.98	18.06	24.08
X−Slope	8.00%			−1.83%		−1.89%			1.83%

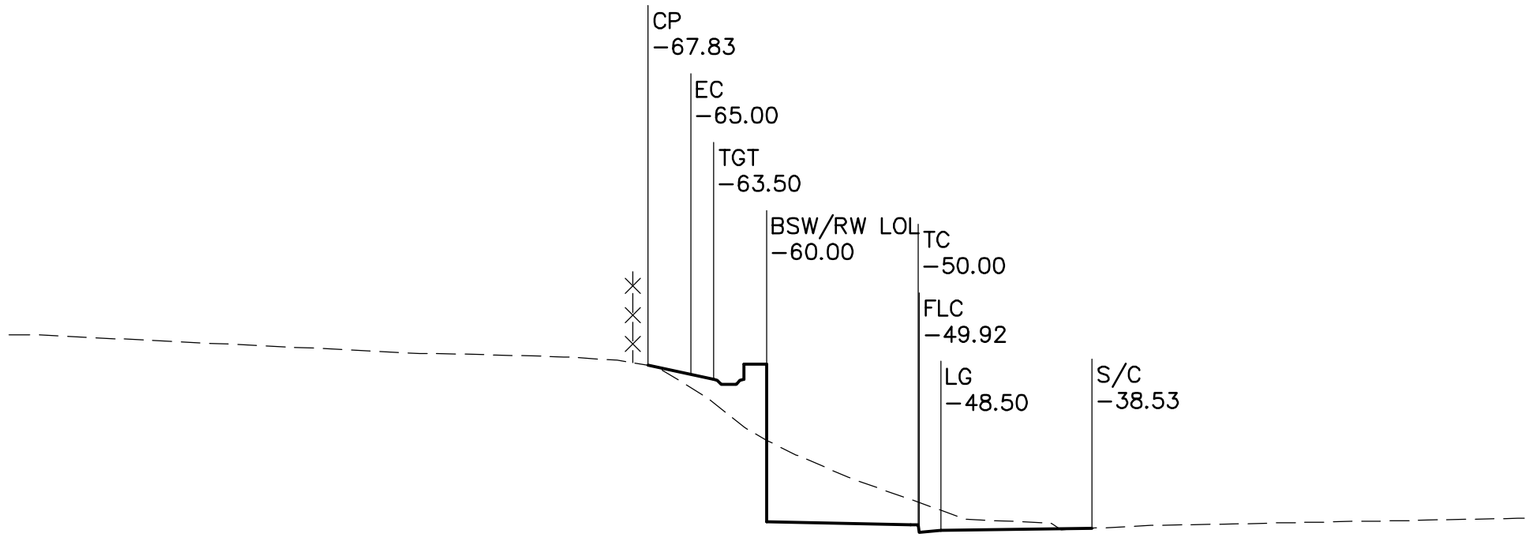
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1

CROSS SECTIONS

ROUTE 4 (EAST) WIDENING

SECTION II

"CLOA" LINE – (SHEET 1–70)



"CLOA" LINE
STATION 43+19.11

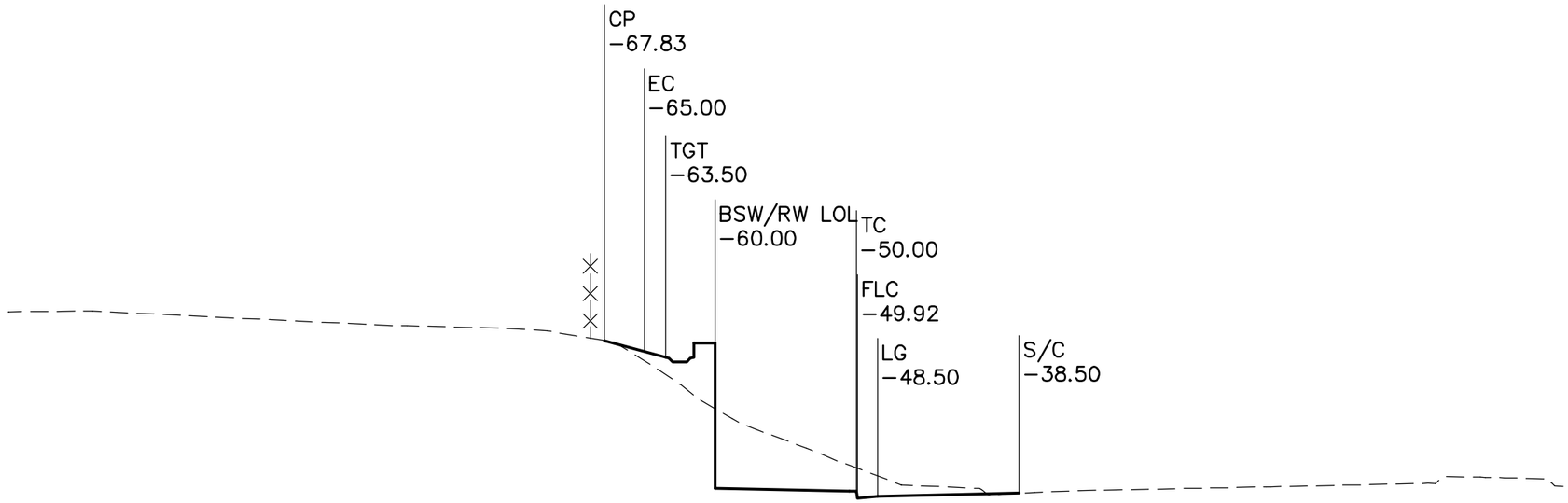
	CP	EC	TGT	BSW/RW LOL	TC	FLC	LG	S/C
Elev	46.10	45.50	45.19	35.78	35.58	35.08	35.21	35.35
Dist	67.83	65.00	63.50	60.00	50.00	49.92	48.50	38.53
X-Slope	21.20%	20.67%		2.00%			-1.40%	

LEGEND:

(XX.XX) EXISTING GROUND ELEVATION

ABBREVIATIONS:

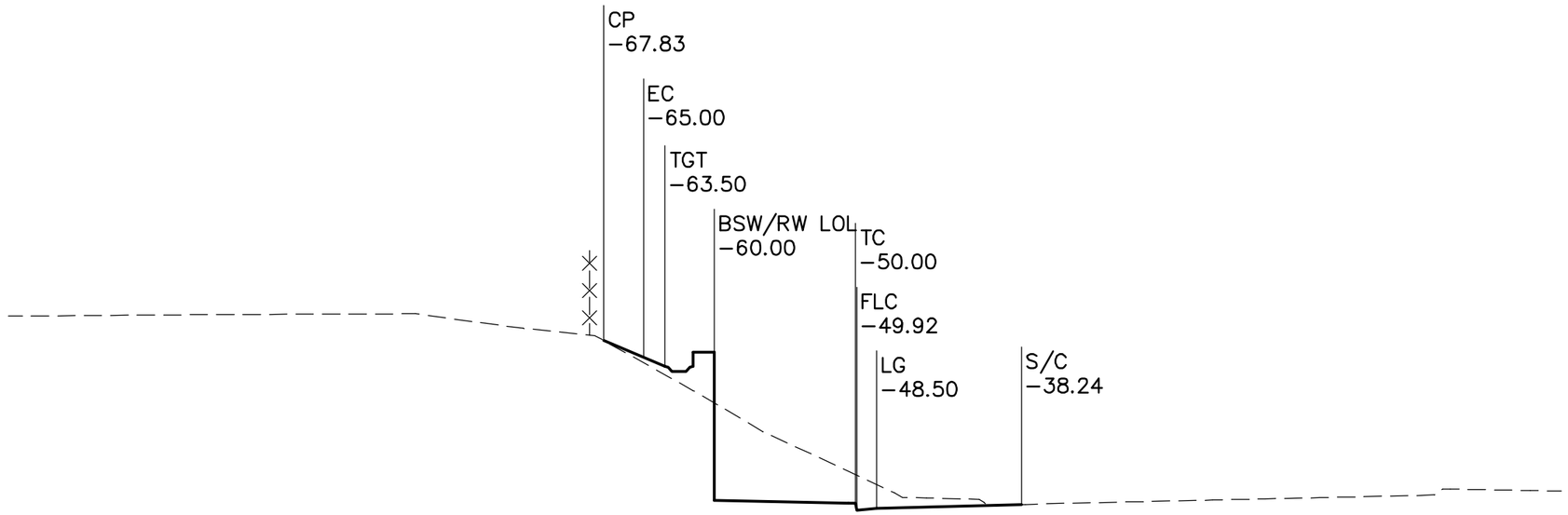
BAR – Barrier Face
BBAR – Back of Barrier
BSW – Back of Sidewalk
BWALL – Back of Wall
CL – Centerline
CP – Catch Point
EC – Edge of Concrete
EG – Edge of Gutter
EP – Edge of Pavement
ES – Edge of Shoulder
ETW – Edge of Traveled Way
FL – Paved or unpaved Flow Line
FLC – Flow Line Curb
FWALL – Face of Wall
GB – Grade Break
HP – Hinge Point
ML – Match Line
LG – Lip of Gutter
P – Pavement
PG – Profile Grade
R/W – Right of Way
RW LOL – Retaining Wall Layout Line
S/C – Saw Cut Line
SW LOL – Sound Wall Layout Line
TBAR – Top of Barrier
TC – Top of Curb
TDITCH – Top of Ditch
TE – Top of Embankment
TGT – Top of Gutter
TOD – Top of Dike
TSW – Top of Swale



"CLOA" LINE
STATION 43+22.21

	CP	EC	TGT	BSW/RW LOL	TC	FLC	LG	S/C
Elev	46.12	45.36	44.96	35.68	35.48	34.98	35.11	35.33
Dist	67.83	65.00	63.50	60.00	50.00	49.92	48.50	38.50
X-Slope	26.86%	26.67%		2.00%			-2.20%	

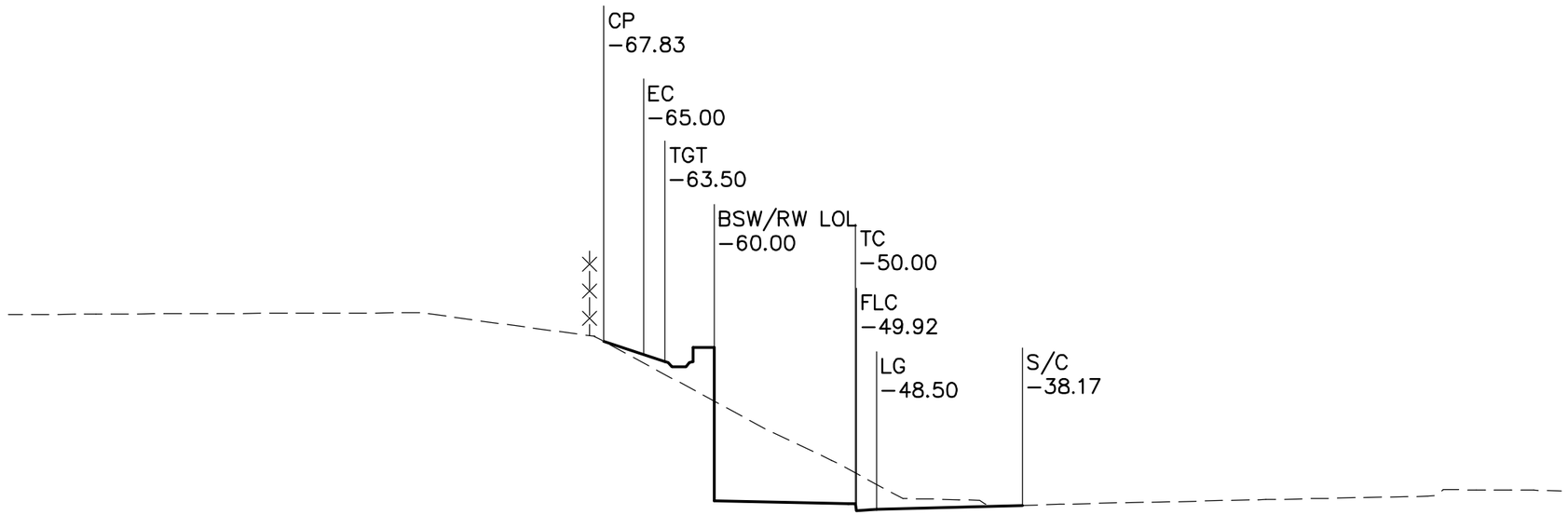
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"CLOA" LINE
STATION 43+50.00

	CP	EC	TGT	BSW/RW LOL	TC	FLC	LG	S/C
Elev	46.81	45.61	44.98	35.50	35.29	34.79	34.92	35.19
Dist	67.83	65.00	63.50	60.00	50.00	49.92	48.50	38.24
X-Slope	42.40%	42.00%		2.10%			-2.63%	

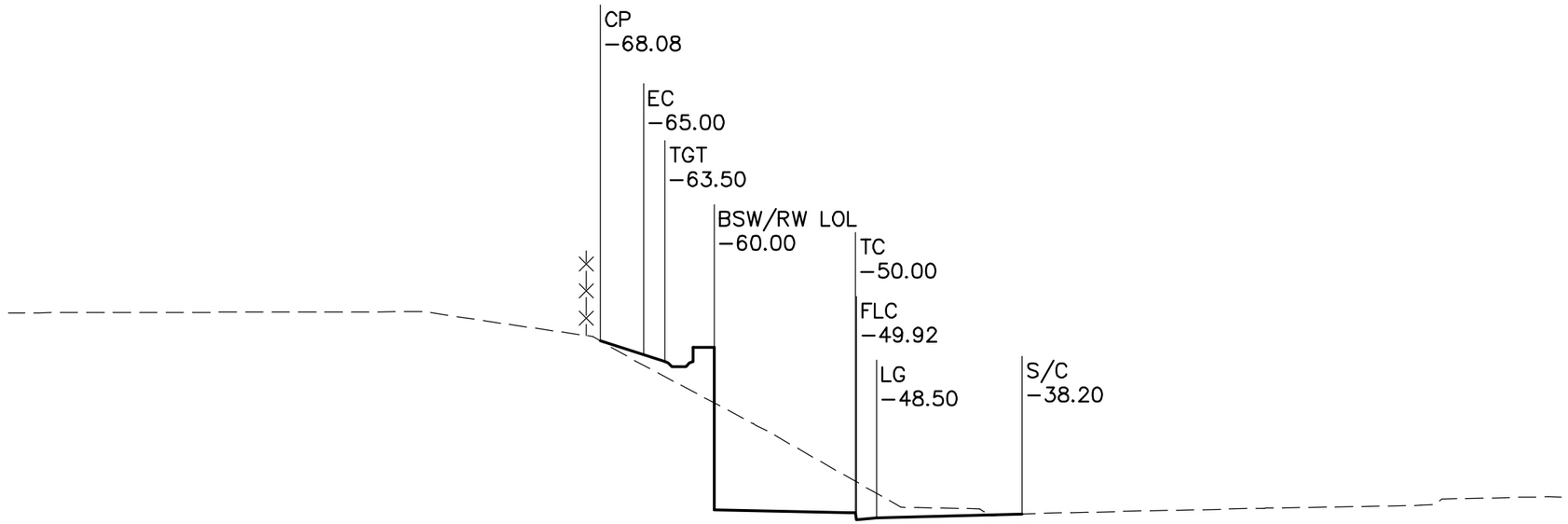
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"CLOA" LINE
STATION 43+57.76

	CP	EC	TGT	BSW/RW LOL	TC	FLC	LG	S/C
Elev	46.75	45.81	45.32	35.43	35.23	34.73	34.86	35.12
Dist	67.83	65.00	63.50	60.00	50.00	49.92	48.50	38.17
X-Slope	33.22%	32.67%		2.00%			-2.52%	

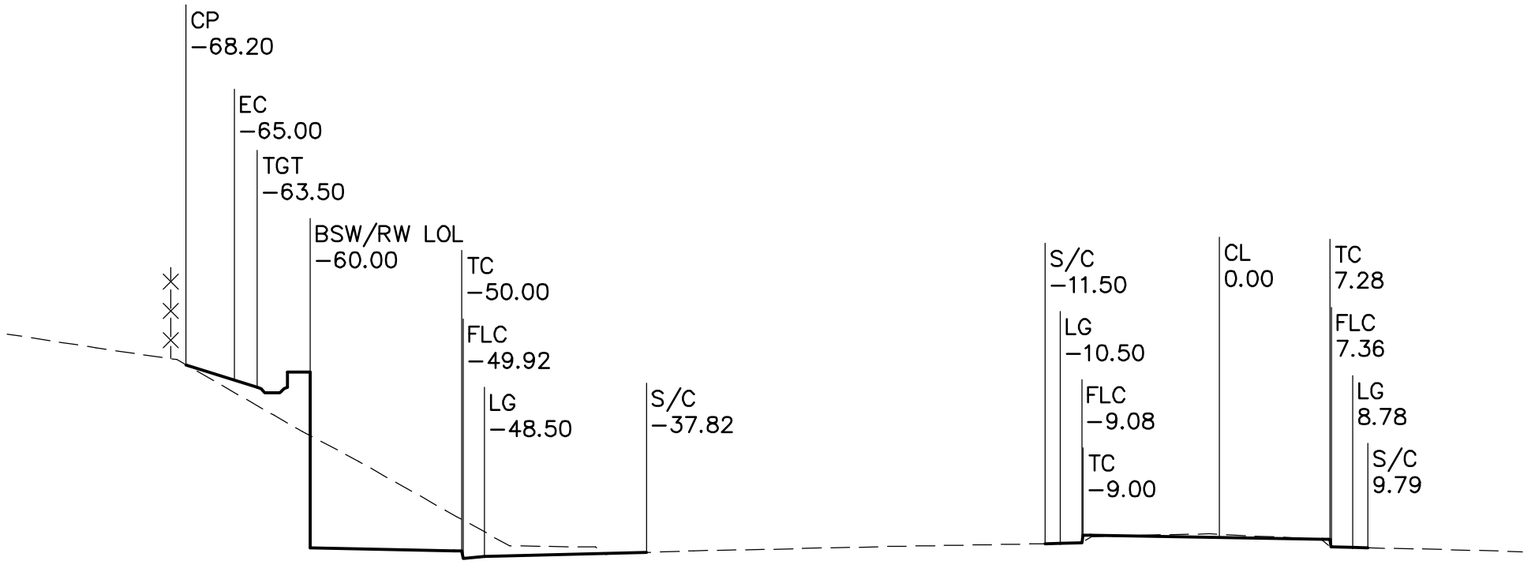
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"CLOA" LINE
STATION 43+90.77

	CP	EC	TGT	BSW/RW LOL	TC	FLC	LG	S/C
Elev	47.15	46.15	45.67	35.19	34.99	34.49	34.62	34.89
Dist	68.08	65.00	63.50	60.00	50.00	49.92	48.50	38.20
X-Slope	32.47%	32.00%		2.00%			-2.62%	

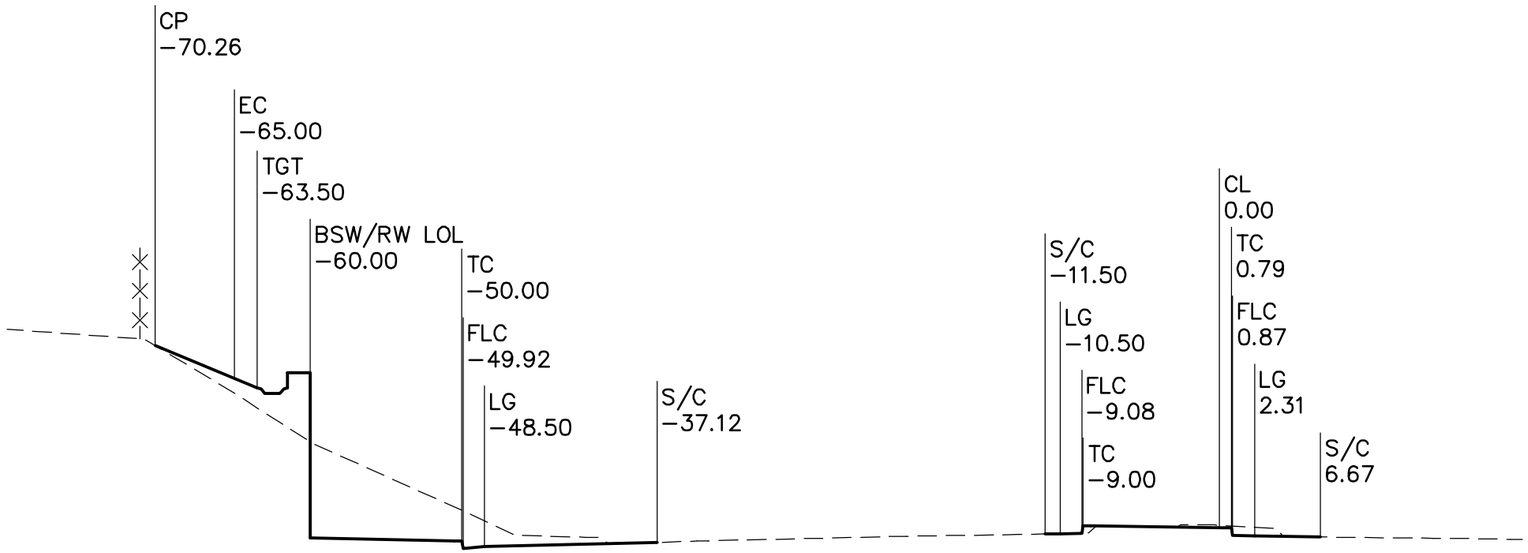
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"CLOA" LINE
STATION 44+00.00

	CP	EC	TGT	BSW/RW LOL	TC	FLC	LG	S/C	S/C	LG	FLC	TC	CL	TC	FLC	LG	S/C
Elev	47.19	46.18	45.71	35.11	34.91	34.41	34.54	34.81	35.38	35.40	35.43	35.93		35.66	35.16	35.13	35.11
Dist	68.20	65.00	63.50	60.00	50.00	49.92	48.50	37.82	11.50	10.50	9.08	9.00	0.00	7.28	7.36	8.78	9.79
X−Slope	31.56%	31.33%		2.00%			−2.53%		−2.00%								−1.98%

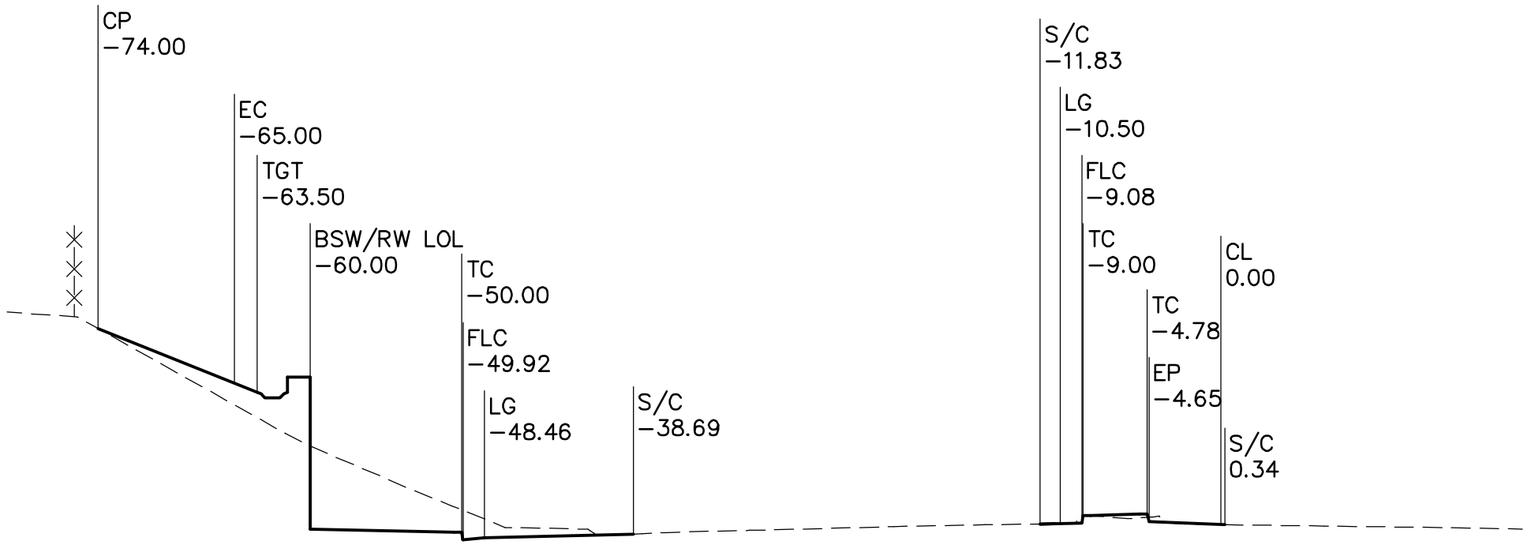
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"CLOA" LINE
STATION 44+50.00

	CP	EC	TGT	BSW/RW LOL	TC	FLC	LG	S/C	S/C	LG	FLC	TC	CL	TC	FLC	LG	S/C
Elev	47.42	45.24	44.62	34.70	34.50	34.00	34.13	34.41	34.97	34.99	35.01	35.51		35.37	34.87	34.84	34.77
Dist	70.26	65.00	63.50	60.00	50.00	49.92	48.50	37.12	11.50	10.50	9.08	9.00	0.00	0.79	0.87	2.31	6.67
X−Slope	41.44%	41.33%		2.00%			−2.46%		−2.00%								−1.61%

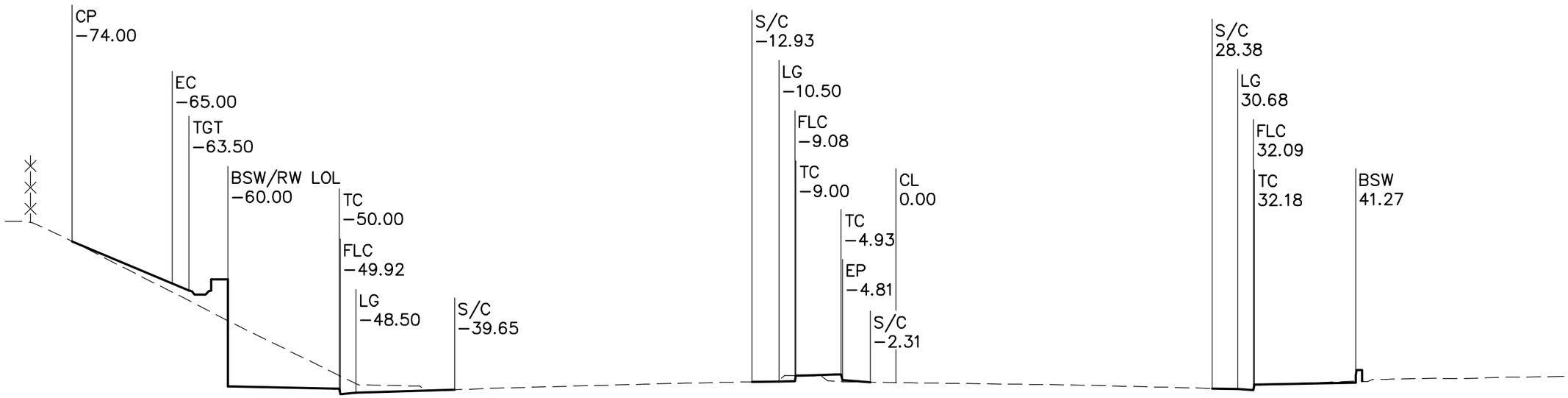
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"CLOA" LINE
STATION 45+00.00

	CP	EC	TGT	BSW/RW LOL	TC	FLC	LG	S/C	S/C	LG	FLC	TC	TC	EP	CL	S/C
Elev	47.52	43.91	43.31	34.28	34.08	33.58	33.71	33.96	34.61	34.64	34.67	35.17	35.29	34.79	34.59	34.58
Dist	74.00	65.00	63.50	60.00	50.00	49.92	48.46	38.69	11.83	10.50	9.08	9.00	4.78	4.65	0.00	0.34
X−Slope	40.11%	40.00%		2.00%			−2.56%		−2.26%			−2.84%		4.30%		−2.94%

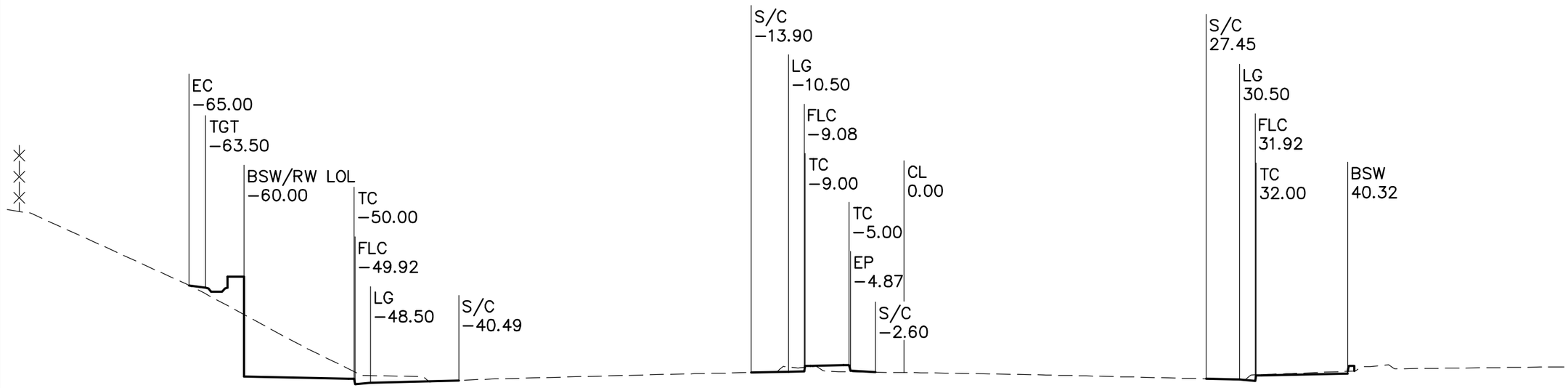
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"CLOA" LINE
STATION 45+24.09

	CP	EC	TGT	BSW/RW LOL	TC	FLC	LG	S/C	S/C	LG	FLC	TC	TC	EP	S/C	CL	S/C	LG	FLC	TC	BSW
Elev	47.08	43.31	42.68	34.08	33.88	33.38	33.51	33.78	34.49	34.51	34.54	35.04	35.15	34.65	34.45		33.89	33.86	33.73	34.23	34.41
Dist	74.00	65.00	63.50	60.00	50.00	49.92	48.50	39.65	12.93	10.50	9.08	9.00	4.93	4.81	2.31	0.00	28.38	30.68	32.09	32.18	41.27
X−Slope	41.89%	42.00%		2.00%			−3.05%		−0.82%			−2.70%		8.00%				−1.30%			1.98%

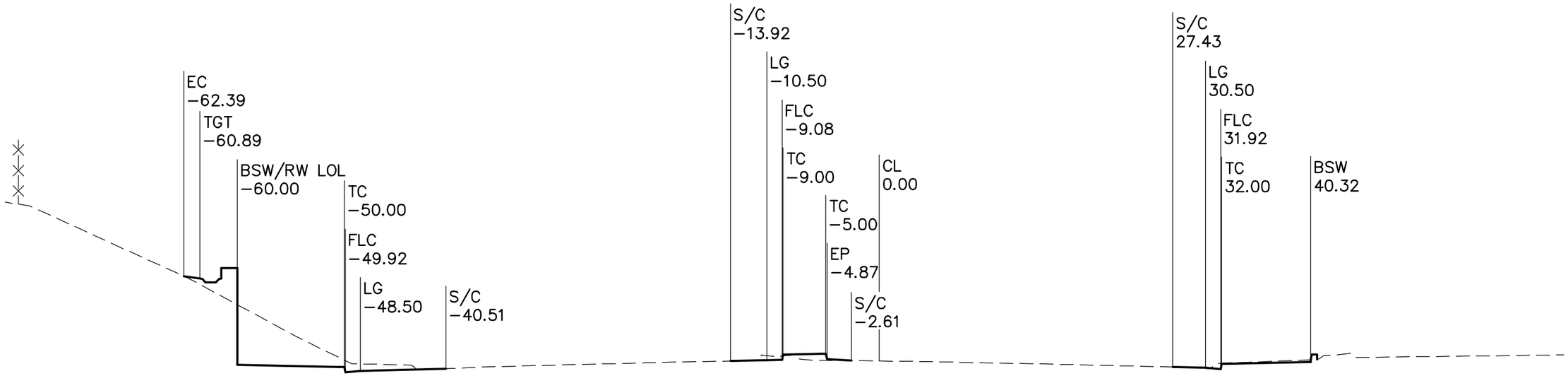
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"CLOA" LINE
STATION 45+39.37

	EC	TGT	BSW/RW LOL	TC	FLC	LG	S/C	S/C	LG	FLC	TC	TC	EP	S/C	CL	S/C	LG	FLC	TC	BSW
Elev	42.28	42.08	34.00	33.80	33.30	33.43	33.66	34.37	34.45	34.48	34.98	35.05	34.55	34.40		33.80	33.74	33.61	34.11	34.28
Dist	65.00	63.50	60.00	50.00	49.92	48.50	40.49	13.90	10.50	9.08	9.00	5.00	4.87	2.60	0.00	27.45	30.50	31.92	32.00	40.32
X−Slope	13.33%		2.00%			−2.87%		−2.35%			−1.75%		6.61%				−1.97%			2.04%

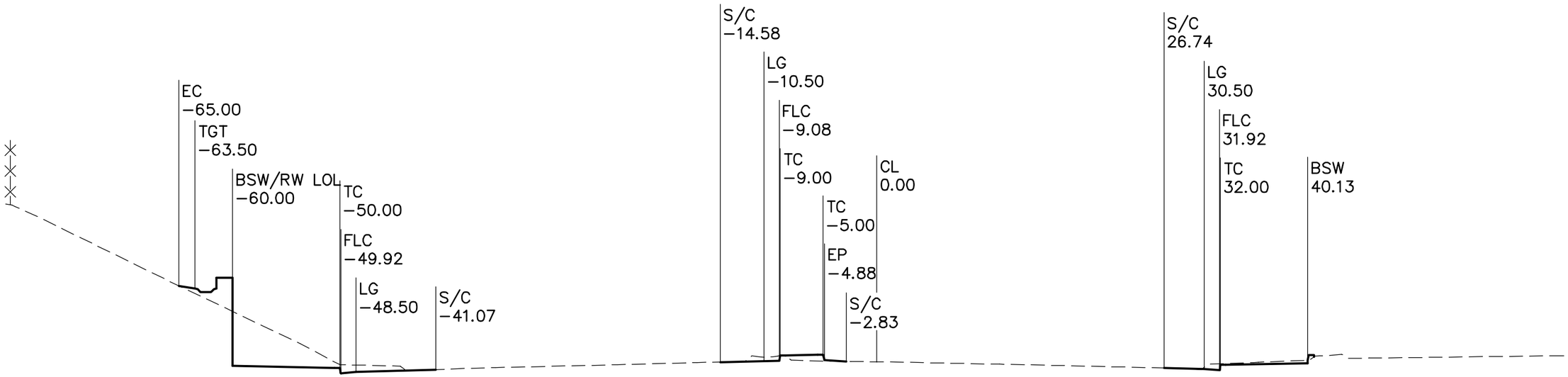
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"CLOA" LINE
STATION 45+39.65

	EC	TGT	BSW/RW LOL	TC	FLC	LG	S/C	S/C	LG	FLC	TC	TC	EP	S/C	CL	S/C	LG	FLC	TC	BSW
Elev	42.28	42.08	34.00	33.80	33.30	33.43	33.66	34.37	34.45	34.48	34.98	35.05	34.55	34.40		33.80	33.74	33.61	34.11	34.28
Dist	62.39	60.89	60.00	50.00	49.92	48.50	40.51	13.92	10.50	9.08	9.00	5.00	4.87	2.61	0.00	27.43	30.50	31.92	32.00	40.32
X−Slope	13.33%		2.00%			−2.88%		−2.34%			−1.75%		6.64%				−1.95%			2.04%

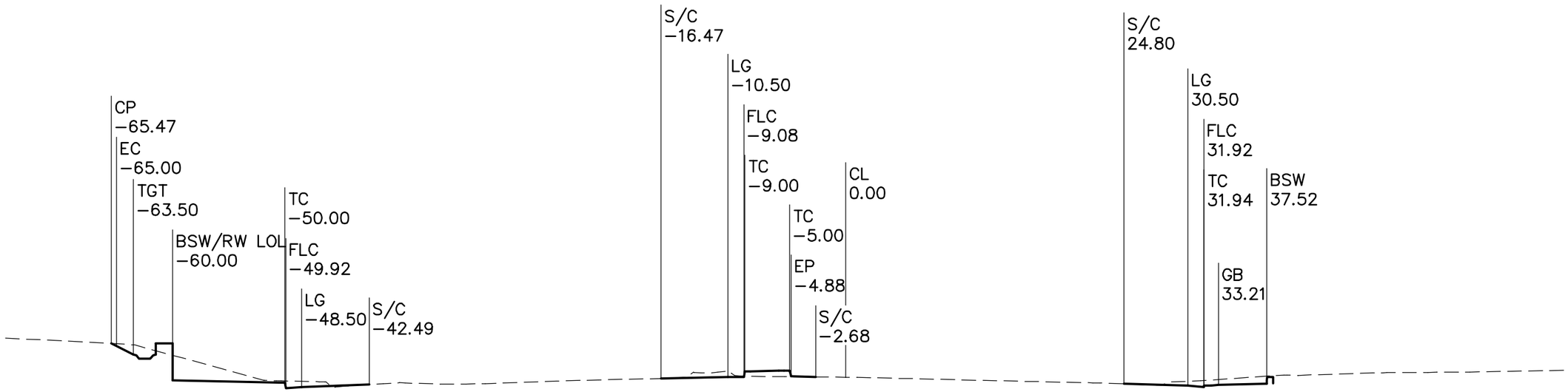
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"CLOA" LINE
STATION 45+50.00

	EC	TGT	BSW/RW LOL	TC	FLC	LG	S/C	S/C	LG	FLC	TC	TC	EP	S/C	CL	S/C	LG	FLC	TC	BSW
Elev	41.38	41.16	33.95	33.75	33.25	33.38	33.59	34.29	34.37	34.40	34.90	34.97	34.47	34.36		33.74	33.66	33.53	34.03	34.18
Dist	65.00	63.50	60.00	50.00	49.92	48.50	41.07	14.58	10.50	9.08	9.00	5.00	4.88	2.83	0.00	26.74	30.50	31.92	32.00	40.13
X−Slope	14.67%		2.00%			−2.83%		−1.16%			−1.75%		5.37%				−2.13%			1.85%

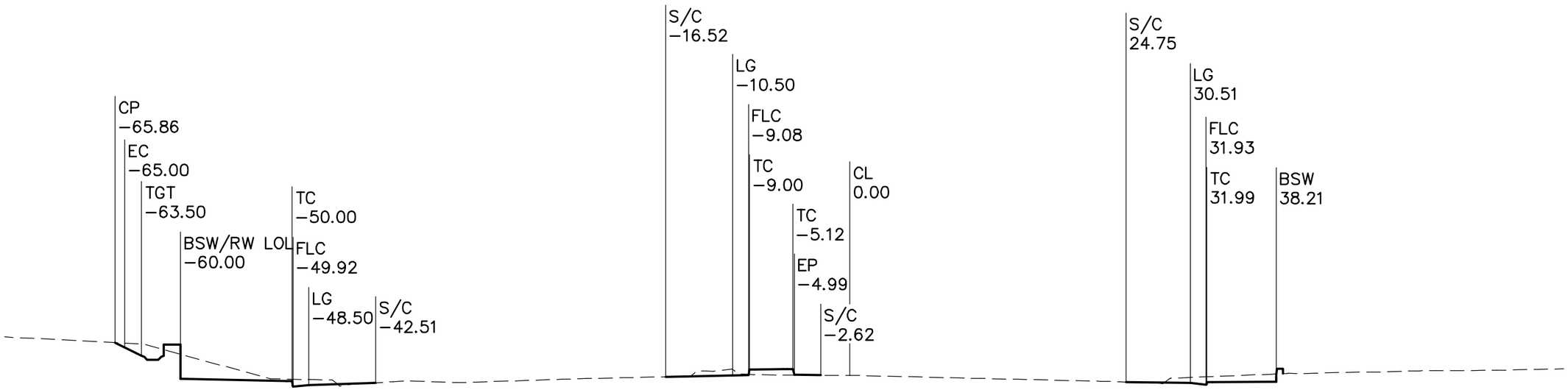
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"CLOA" LINE
STATION 45+97.40

	CP	EC	TGT	BSW/RW LOL	TC	FLC	LG	S/C	S/C	LG	FLC	TC	TC	EP	S/C	CL	S/C	LG	FLC	TC	GB	BSW
Elev	37.03	36.80	36.05	33.73	33.53	33.03	33.16	33.37	33.91	34.03	34.06	34.56	34.60	34.10	34.04		33.43	33.28	33.15	33.27	33.36	33.45
Dist	65.47	65.00	63.50	60.00	50.00	49.92	48.50	42.49	16.47	10.50	9.08	9.00	5.00	4.88	2.68	0.00	24.80	30.50	31.92	31.94	33.21	37.52
X−Slope	48.94%	50.00%		2.00%			−3.49%		−2.01%			−1.00%		2.73%				−2.63%			7.09%	2.09%

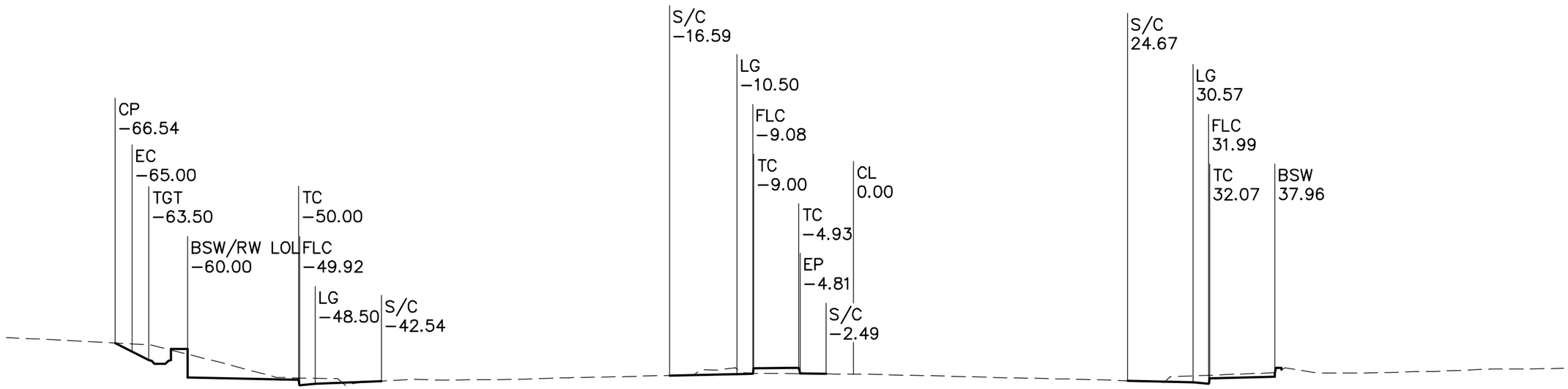
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"CLOA" LINE
STATION 46+00.00

	CP	EC	TGT	BSW/RW LOL	TC	FLC	LG	S/C	S/C	LG	FLC	TC	TC	EP	S/C	CL	S/C	LG	FLC	TC	BSW
Elev	36.95	36.52	35.77	33.72	33.52	33.02	33.15	33.35	33.89	34.01	34.04	34.54	34.58	34.08	34.03		33.41	33.35	33.19	33.40	33.45
Dist	65.86	65.00	63.50	60.00	50.00	49.92	48.50	42.51	16.52	10.50	9.08	9.00	5.12	4.99	2.62	0.00	24.75	30.51	31.93	31.99	38.21
X−Slope	50.00%	50.00%		2.00%			−3.34%		−1.99%			−1.03%		2.11%				−1.04%			0.80%

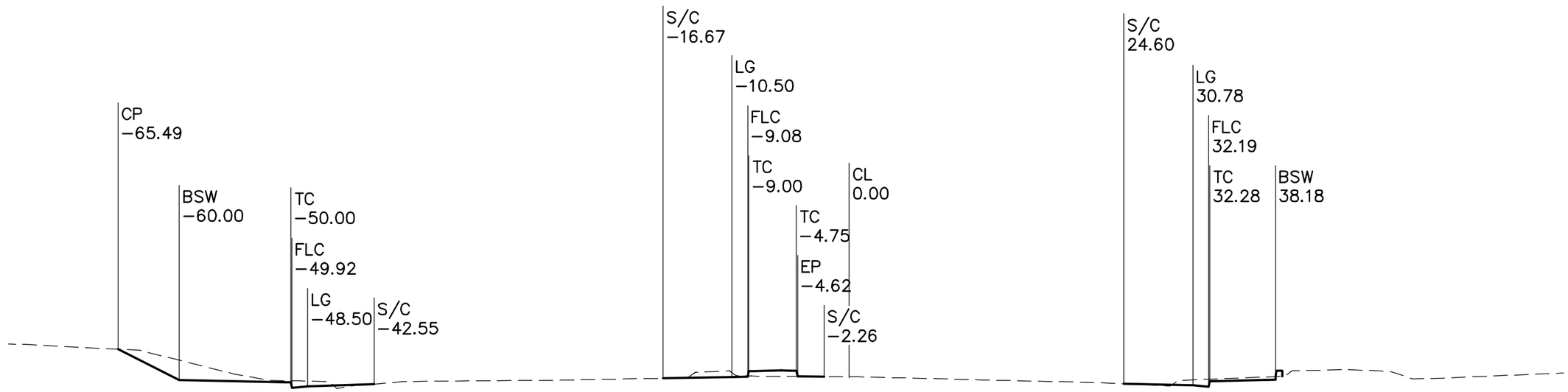
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"CLOA" LINE
STATION 46+04.70

	CP	EC	TGT	BSW/RW LOL	TC	FLC	LG	S/C	S/C	LG	FLC	TC	TC	EP	S/C	CL	S/C	LG	FLC	TC	BSW
Elev	36.78	36.01	35.26	33.69	33.49	32.99	33.12	33.34	33.85	33.98	34.01	34.51	34.54	34.04	34.00		33.37	33.25	33.12	33.62	33.73
Dist	66.54	65.00	63.50	60.00	50.00	49.92	48.50	42.54	16.59	10.50	9.08	9.00	4.93	4.81	2.49	0.00	24.67	30.57	31.99	32.07	37.96
X−Slope	50.00%	50.00%		2.00%			−3.69%		−2.13%			−0.74%		1.72%				−2.03%			1.87%

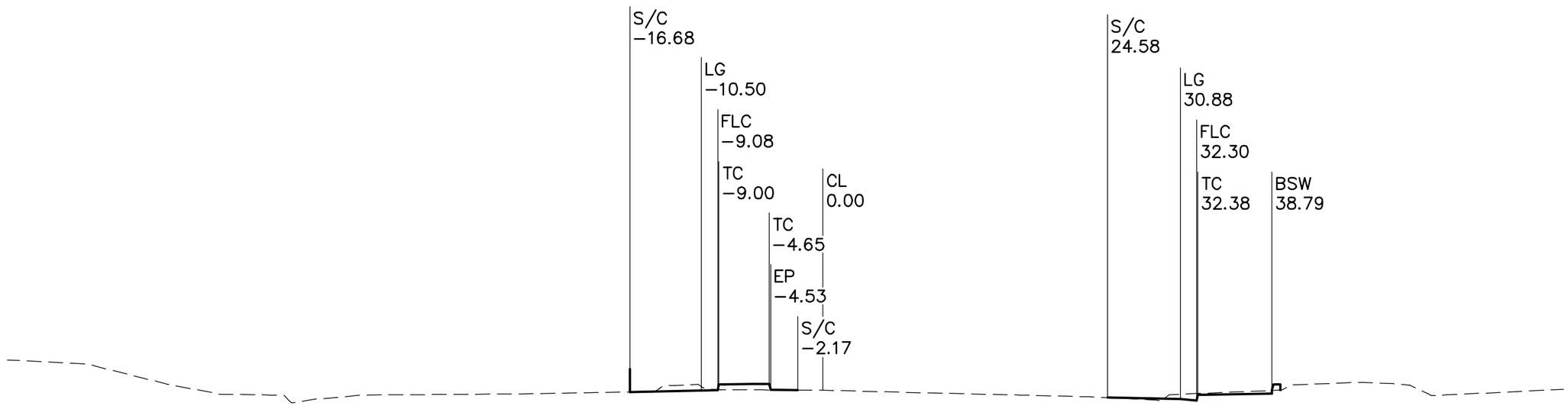
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"CLOA" LINE
STATION 46+11.76

	CP	BSW	TC	FLC	LG	S/C	S/C	LG	FLC	TC	TC	EP	S/C	CL	S/C	LG	FLC	TC	BSW
Elev	36.41	33.66	33.46	32.96	33.09	33.27	33.80	33.92	33.95	34.46	34.49	33.99	33.96		33.32	33.19	33.06	33.56	33.67
Dist	65.49	60.00	50.00	49.92	48.50	42.55	16.67	10.50	9.08	9.00	4.75	4.62	2.26	0.00	24.60	30.78	32.19	32.28	38.18
X−Slope	50.09%	2.00%			−3.03%		−1.94%			−0.71%		1.27%				−2.10%			1.86%

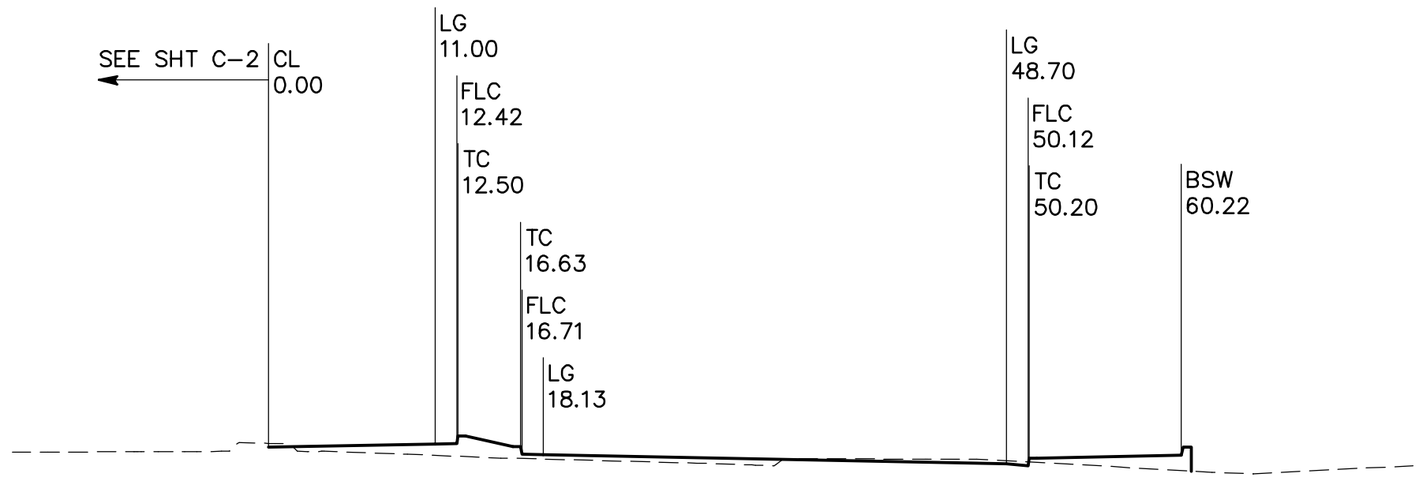
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"CLOA" LINE
STATION 46+14.25

	S/C	LG	FLC	TC	TC	EP	S/C	CL	S/C	LG	FLC	TC	BSW
Elev	33.78	33.91	33.93	34.44	34.47	33.97	33.95		33.30	33.17	33.04	33.54	33.64
Dist	16.68	10.50	9.08	9.00	4.65	4.53	2.17	0.00	24.58	30.88	32.30	32.38	38.79
X−Slope	−2.10%			−0.69%		0.85%				−2.06%			1.56%

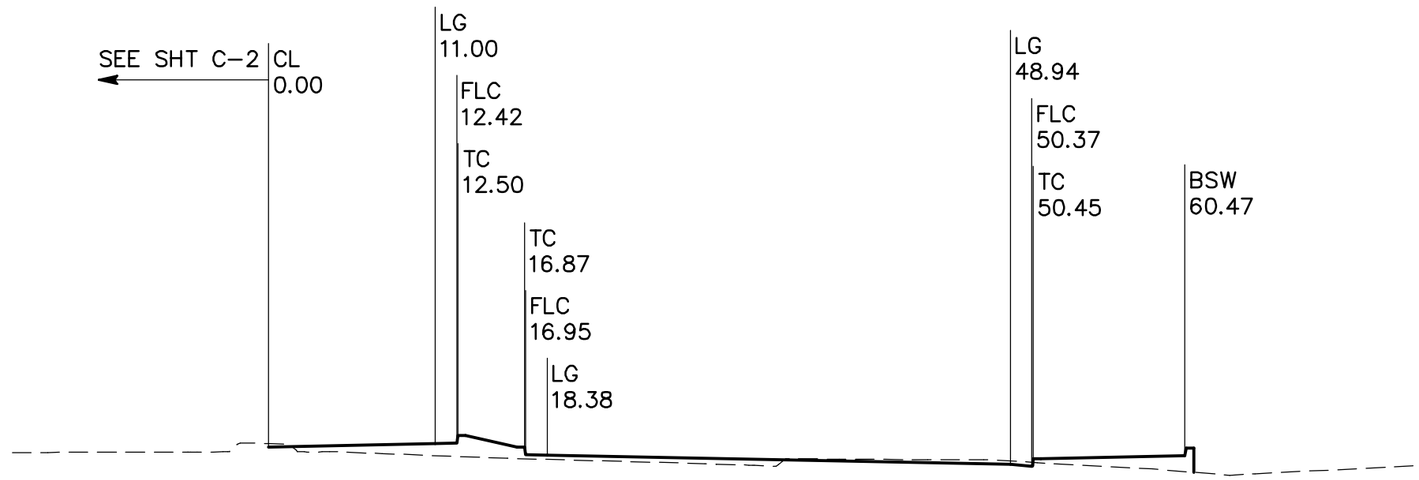
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"CLOA" LINE
STATION 47+46.33

	SEE SHT C-2	CL	LG	FLC	TC	TC	FLC	LG	LG	FLC	TC	BSW
Elev		34.74	34.96	34.99	35.49	34.79	34.29	34.26	33.65	33.52	34.02	34.21
Dist		0.00	11.00	12.42	12.50	16.63	16.71	18.13	48.70	50.12	50.20	60.22
X-Slope			2.00%			-16.95%			-2.00%			1.90%

FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1

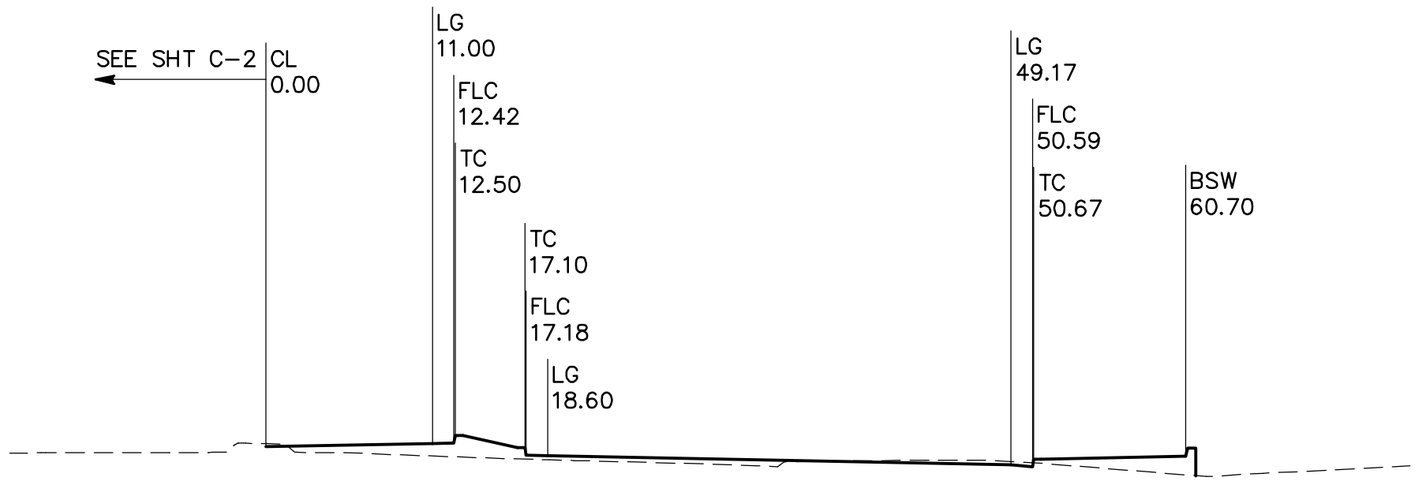


"CLOA" LINE
STATION 47+50.00

STA 47+50.00

		CL		Right								
	SEE SHT C-2	CL	LG	FLC	TC	TC	FLC	LG	LG	FLC	TC	BSW
Elev		34.75	34.97	35.00	35.50	34.75	34.25	34.22	33.61	33.48	33.98	34.18
Dist		0.00	11.00	12.42	12.50	16.87	16.95	18.38	48.94	50.37	50.45	60.47
X-Slope			2.00%			-17.16%			-2.00%			2.00%

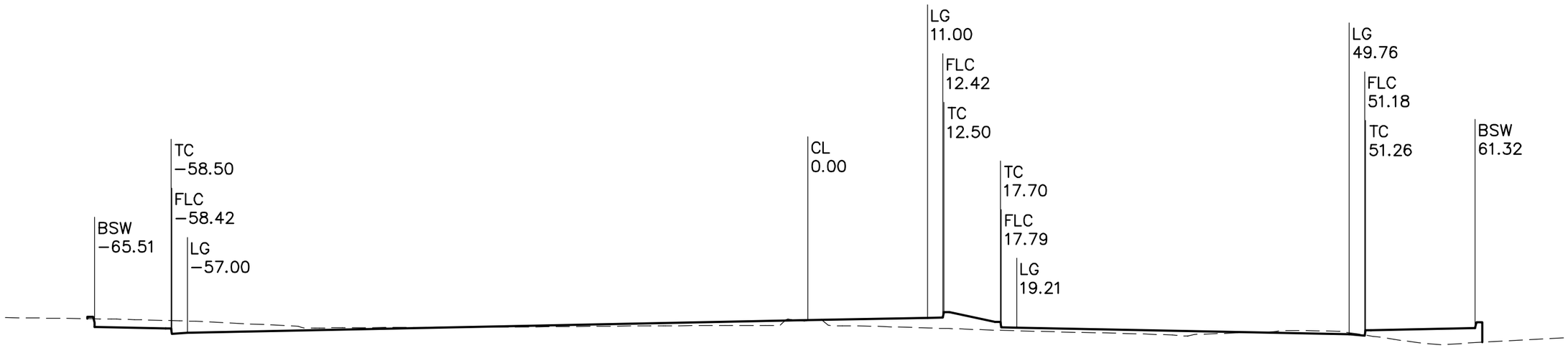
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"CLOA" LINE
STATION 47+53.34

						STA 47+53.34					
		CL		Right							
	SEE SHT C-2	CL	LG	FLC	TC	TC	FLC	LG	LG	FLC	TC	BSW
Elev		34.77	34.98	35.01	35.51	34.71	34.21	34.18	33.58	33.44	33.94	34.14
Dist		0.00	11.00	12.42	12.50	17.10	17.18	18.60	49.17	50.59	50.67	60.70
X-Slope			1.91%			-17.39%			-1.96%			1.99%

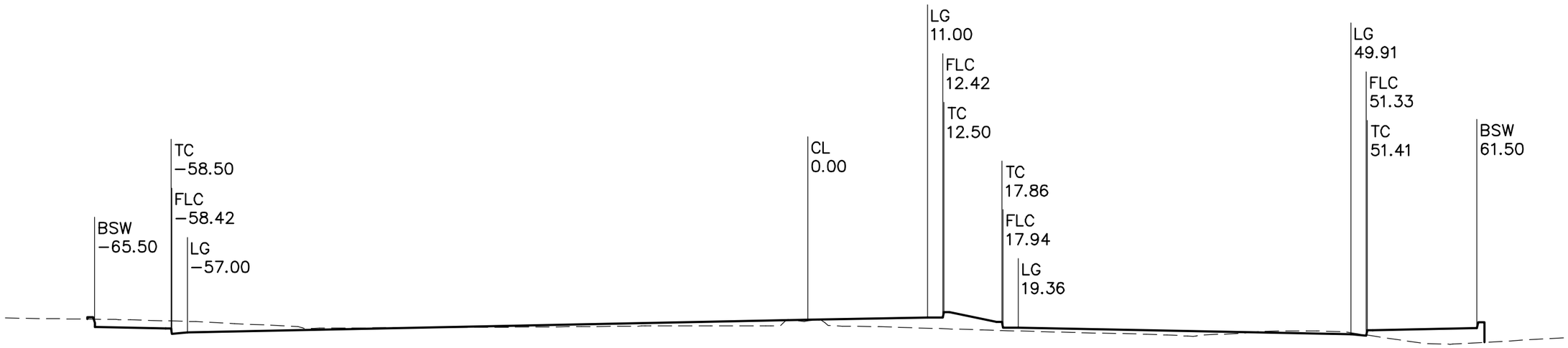
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"CLOA" LINE
STATION 47+62.69

	BSW	TC	FLC	LG	CL	LG	FLC	TC	TC	FLC	LG	LG	FLC	TC	BSW
Elev	34.17	34.03	33.53	33.66	34.82	35.02	35.05	35.55	34.65	34.15	34.12	33.53	33.39	33.89	34.09
Dist	65.51	58.50	58.42	57.00	0.00	11.00	12.42	12.50	17.70	17.79	19.21	49.76	51.18	51.26	61.32
X−Slope	2.00%			−2.04%		1.82%			−17.31%			−1.93%			1.99%

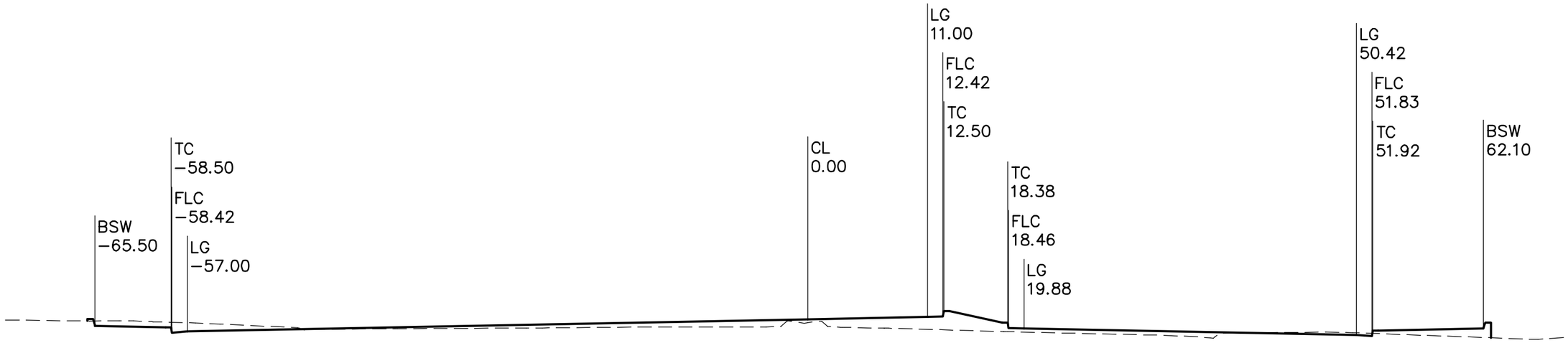
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"CLOA" LINE
STATION 47+65.28

	BSW	TC	FLC	LG	CL	LG	FLC	TC	TC	FLC	LG	LG	FLC	TC	BSW
Elev	34.18	34.04	33.54	33.67	34.83	35.03	35.06	35.56	34.63	34.13	34.10	33.52	33.38	33.88	34.08
Dist	65.50	58.50	58.42	57.00	0.00	11.00	12.42	12.50	17.86	17.94	19.36	49.91	51.33	51.41	61.50
X−Slope	2.00%			−2.04%		1.82%			−17.35%			−1.90%			1.98%

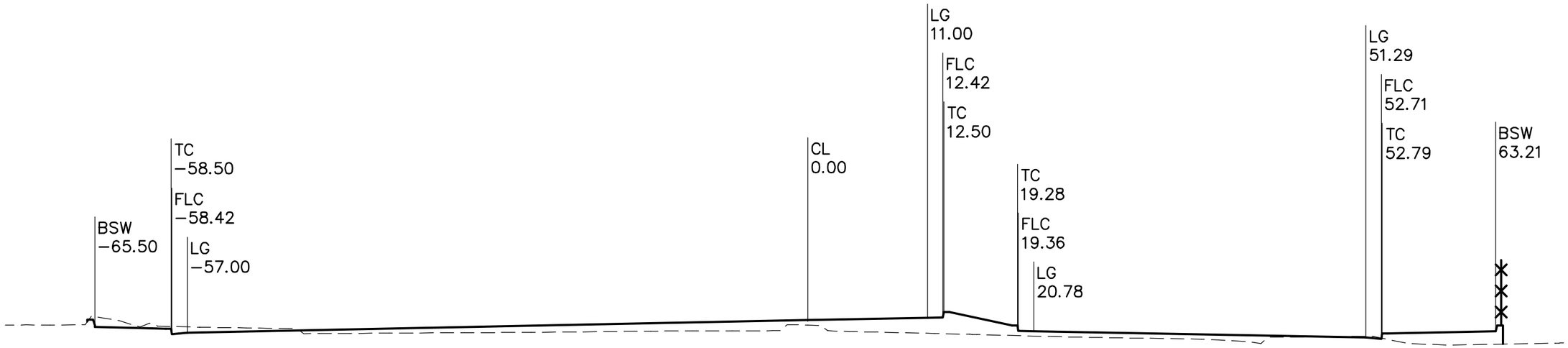
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"CLOA" LINE
STATION 47+74.85

	BSW	TC	FLC	LG	CL	LG	FLC	TC	TC	FLC	LG	LG	FLC	TC	BSW
Elev	34.28	34.14	33.64	33.77	34.88	35.10	35.13	35.63	34.58	34.08	34.05	33.46	33.33	33.83	34.03
Dist	65.50	58.50	58.42	57.00	0.00	11.00	12.42	12.50	18.38	18.46	19.88	50.42	51.83	51.92	62.10
X−Slope	2.00%			−1.95%		2.00%			−17.86%			−1.93%			1.96%

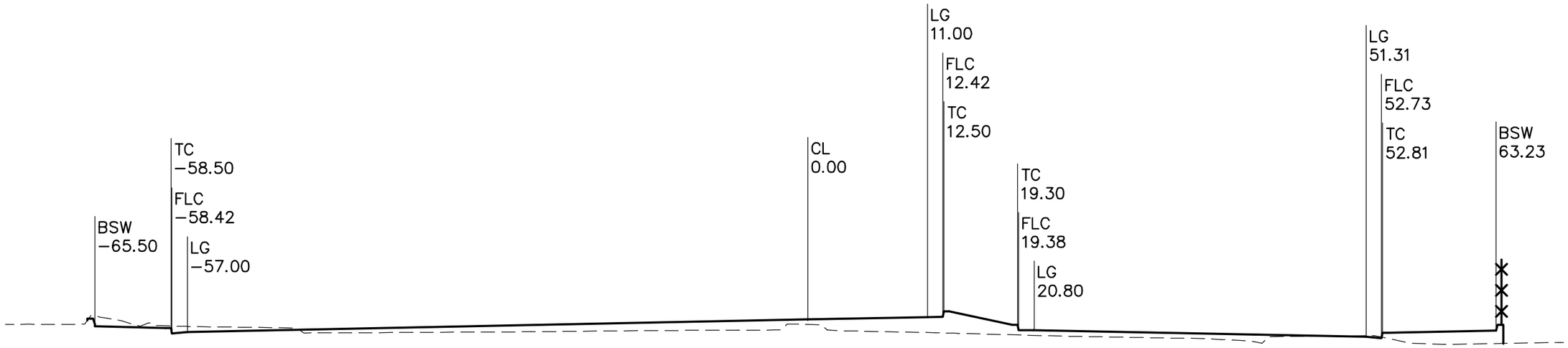
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"CLOA" LINE
STATION 47+97.26

	BSW	TC	FLC	LG	CL	LG	FLC	TC	TC	FLC	LG	LG	FLC	TC	BSW
Elev	34.30	34.16	33.66	33.79	34.94	35.16	35.19	35.69	34.44	33.94	33.91	33.35	33.22	33.72	33.92
Dist	65.50	58.50	58.42	57.00	0.00	11.00	12.42	12.50	19.28	19.36	20.78	51.29	52.71	52.79	63.21
X−Slope	2.00%			−2.02%		2.00%			−18.44%			−1.84%			1.92%

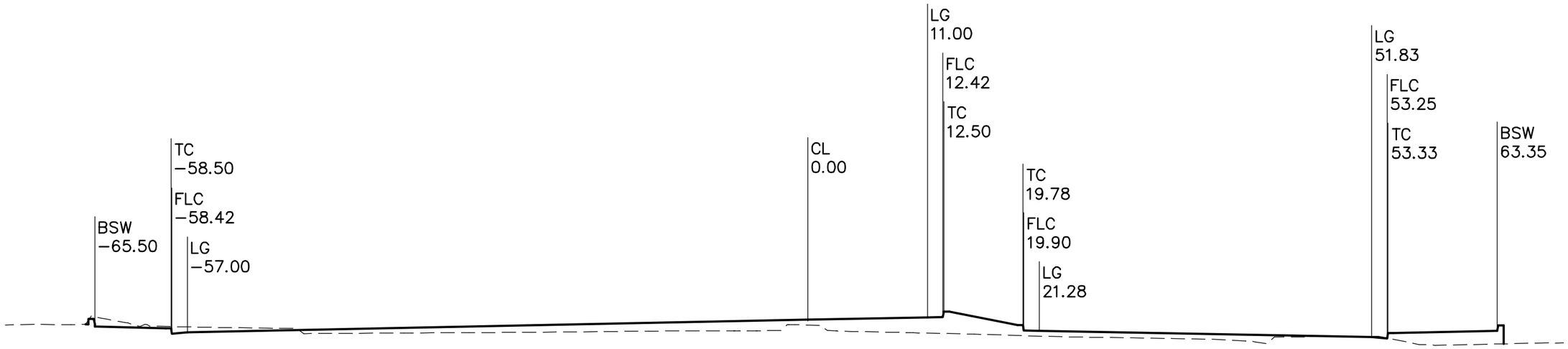
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"CLOA" LINE
STATION 47+97.88

	BSW	TC	FLC	LG	CL	LG	FLC	TC	TC	FLC	LG	LG	FLC	TC	BSW
Elev	34.30	34.16	33.66	33.79	34.94	35.16	35.19	35.69	34.46	33.96	33.93	33.35	33.22	33.72	33.92
Dist	65.50	58.50	58.42	57.00	0.00	11.00	12.42	12.50	19.30	19.38	20.80	51.31	52.73	52.81	63.23
X−Slope	2.00%			−2.02%		2.00%			−18.09%			−1.90%			1.92%

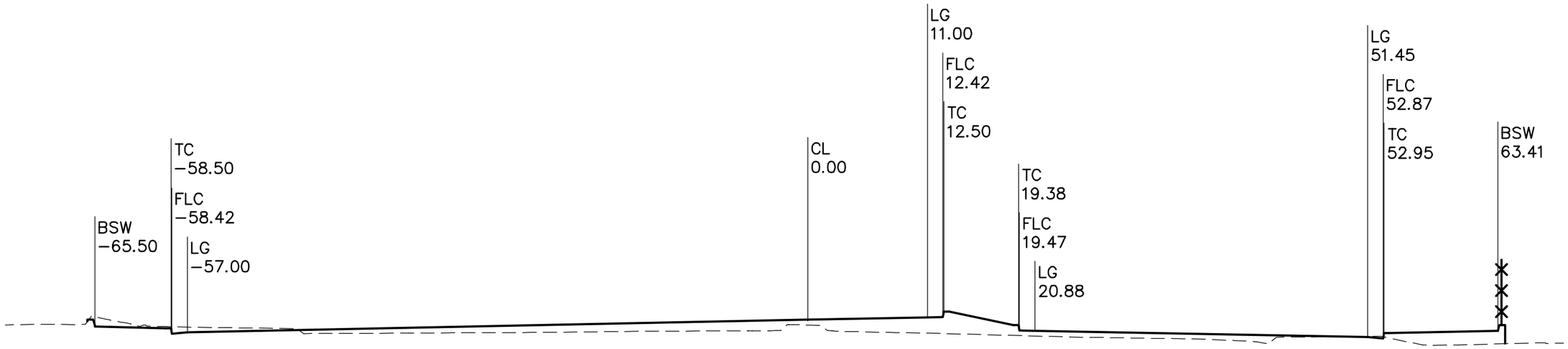
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"CLOA" LINE
STATION 48+00.00

	BSW	TC	FLC	LG	CL	LG	FLC	TC	TC	FLC	LG	LG	FLC	TC	BSW
Elev	34.30	34.16	33.66	33.79	34.94	35.16	35.19	35.69	34.43	33.93	33.90	33.35	33.21	33.71	33.92
Dist	65.50	58.50	58.42	57.00	0.00	11.00	12.42	12.50	19.78	19.90	21.28	51.83	53.25	53.33	63.35
X−Slope	2.00%			−2.02%		2.00%			−17.31%			−1.80%			2.10%

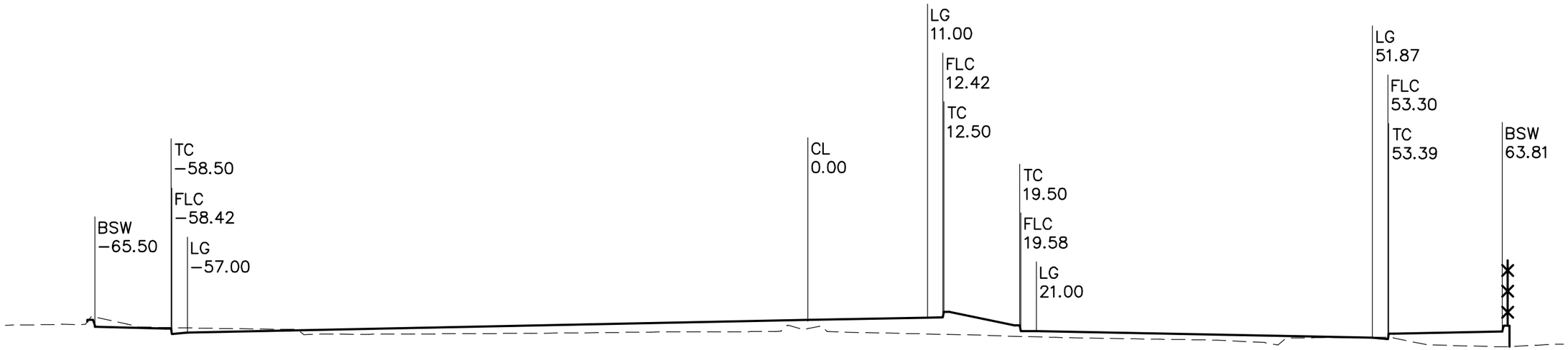
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"CLOA" LINE
STATION 48+00.89

	BSW	TC	FLC	LG	CL	LG	FLC	TC	TC	FLC	LG	LG	FLC	TC	BSW
Elev	34.30	34.16	33.66	33.79	34.94	35.16	35.19	35.69	34.45	33.95	33.92	33.34	33.21	33.71	33.92
Dist	65.50	58.50	58.42	57.00	0.00	11.00	12.42	12.50	19.38	19.47	20.88	51.45	52.87	52.95	63.41
X−Slope	2.00%			−2.02%		2.00%			−18.02%			−1.90%			2.01%

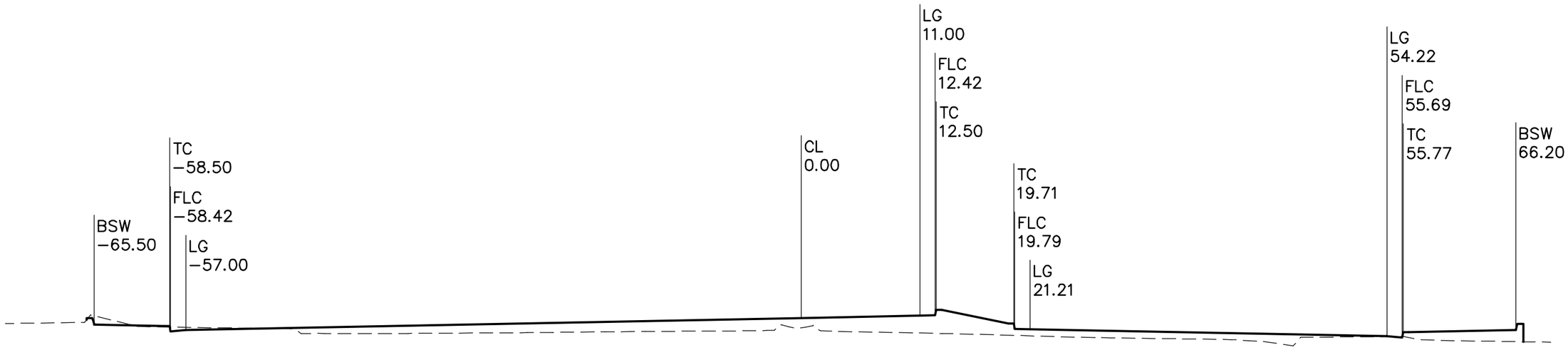
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"CLOA" LINE
STATION 48+05.44

	BSW	TC	FLC	LG	CL	LG	FLC	TC	TC	FLC	LG	LG	FLC	TC	BSW
Elev	34.30	34.16	33.66	33.79	34.94	35.16	35.19	35.69	34.43	33.93	33.90	33.31	33.18	33.68	33.88
Dist	65.50	58.50	58.42	57.00	0.00	11.00	12.42	12.50	19.50	19.58	21.00	51.87	53.30	53.39	63.81
X−Slope	2.00%			−2.02%		2.00%			−18.00%			−1.91%			1.92%

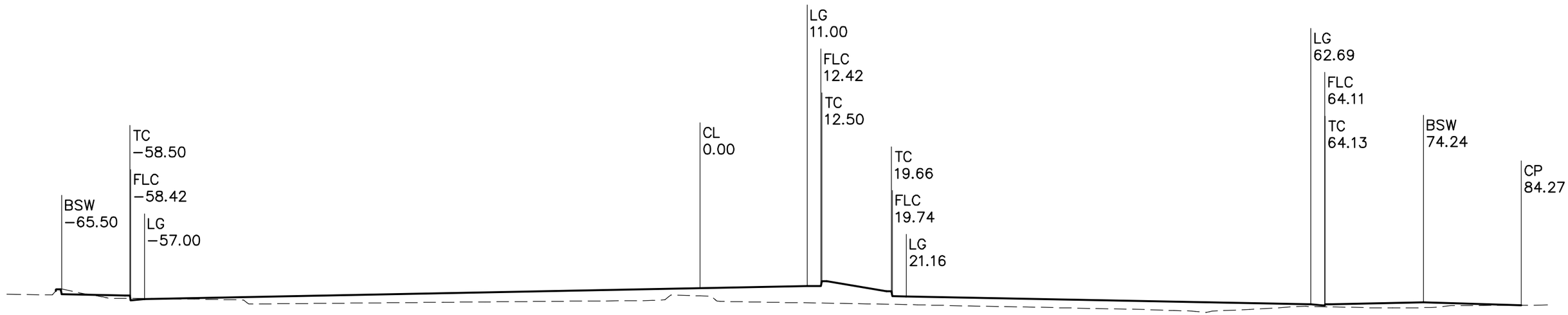
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"CLOA" LINE
STATION 48+17.36

	BSW	TC	FLC	LG	CL	LG	FLC	TC	TC	FLC	LG	LG	FLC	TC	BSW
Elev	34.32	34.18	33.68	33.81	34.92	35.14	35.17	35.67	34.42	33.92	33.89	33.26	33.12	33.62	33.81
Dist	65.50	58.50	58.42	57.00	0.00	11.00	12.42	12.50	19.71	19.79	21.21	54.22	55.69	55.77	66.20
X−Slope	2.00%			−1.95%		2.00%			−17.34%			−1.91%			1.82%

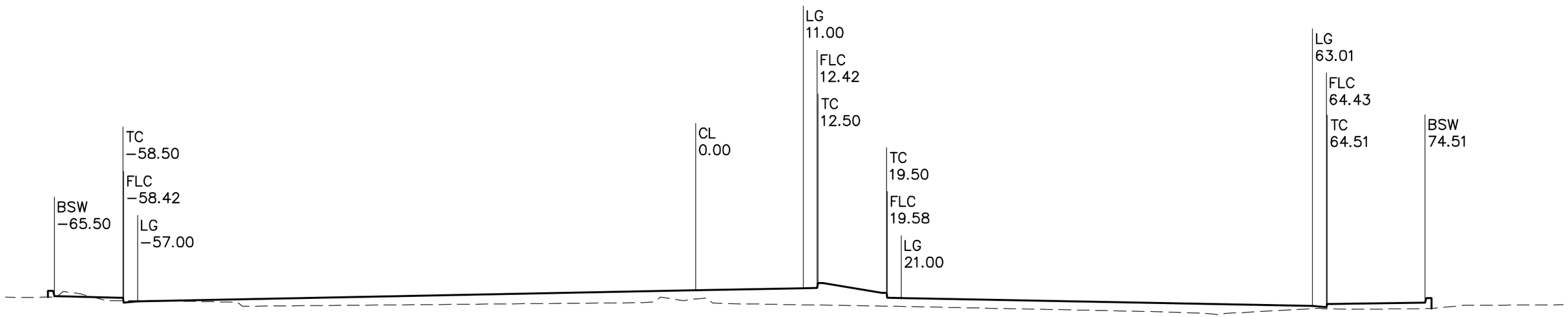
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"CLOA" LINE
STATION 48+50.00

	BSW	TC	FLC	LG	CL	LG	FLC	TC	TC	FLC	LG	LG	FLC	TC	BSW	CP
Elev	34.11	33.97	33.47	33.60	34.71	34.93	34.96	35.46	34.41	33.91	33.88	33.08	32.95	33.07	33.27	32.99
Dist	65.50	58.50	58.42	57.00	0.00	11.00	12.42	12.50	19.66	19.74	21.16	62.69	64.11	64.13	74.24	84.27
X−Slope	2.00%			−1.95%		2.00%			−14.66%			−1.93%			1.98%	−2.79%

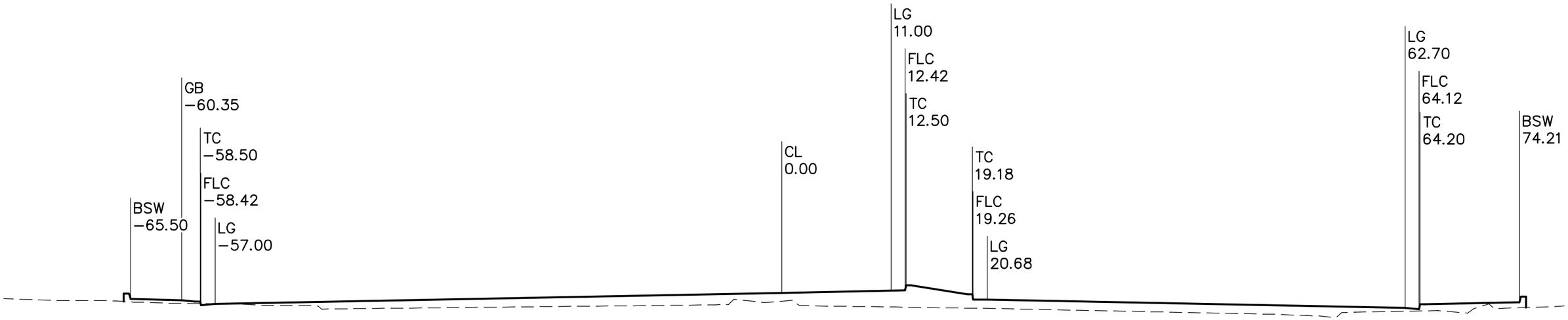
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"CLOA" LINE
STATION 48+58.15

	BSW	TC	FLC	LG	CL	LG	FLC	TC	TC	FLC	LG	LG	FLC	TC	BSW
Elev	34.03	33.89	33.39	33.52	34.63	34.85	34.88	35.38	34.38	33.88	33.85	33.04	32.91	33.23	33.37
Dist	65.50	58.50	58.42	57.00	0.00	11.00	12.42	12.50	19.50	19.58	21.00	63.01	64.43	64.51	74.51
X−Slope	2.00%			−1.95%		2.00%			−14.29%			−1.93%			1.40%

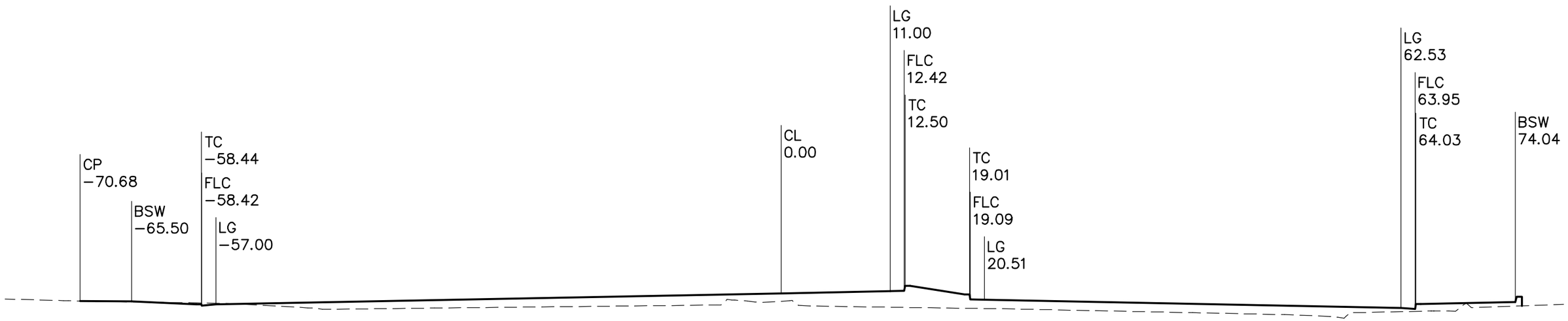
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"CLOA" LINE
STATION 48+69.51

	BSW	GB	TC	FLC	LG	CL	LG	FLC	TC	TC	FLC	LG	LG	FLC	TC	BSW
Elev	33.89	33.75	33.62	33.25	33.38	34.49	34.71	34.74	35.24	34.33	33.83	33.80	32.99	32.86	33.36	33.56
Dist	65.50	60.35	58.50	58.42	57.00	0.00	11.00	12.42	12.50	19.18	19.26	20.68	62.70	64.12	64.20	74.21
X−Slope	2.72%	7.03%			−1.95%		2.00%			−13.62%			−1.93%			2.00%

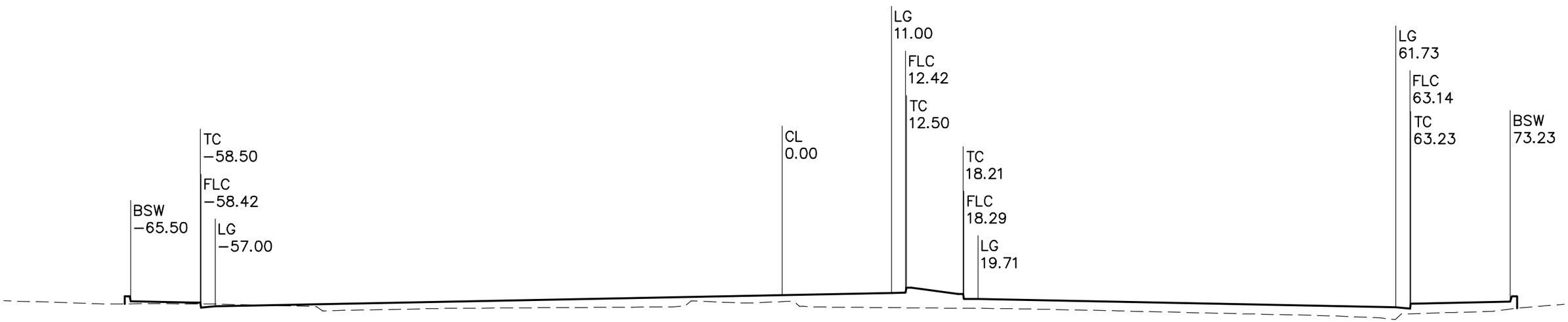
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"CLOA" LINE
STATION 48+74.85

	CP	BSW	TC	FLC	LG	CL	LG	FLC	TC	TC	FLC	LG	LG	FLC	TC	BSW
Elev	33.64	33.60	33.30	33.18	33.31	34.42	34.64	34.67	35.17	34.30	33.80	33.77	32.96	32.83	33.33	33.53
Dist	70.68	65.50	58.44	58.42	57.00	0.00	11.00	12.42	12.50	19.01	19.09	20.51	62.53	63.95	64.03	74.04
X−Slope	0.77%	4.25%			−1.95%		2.00%			−13.36%			−1.93%			2.00%

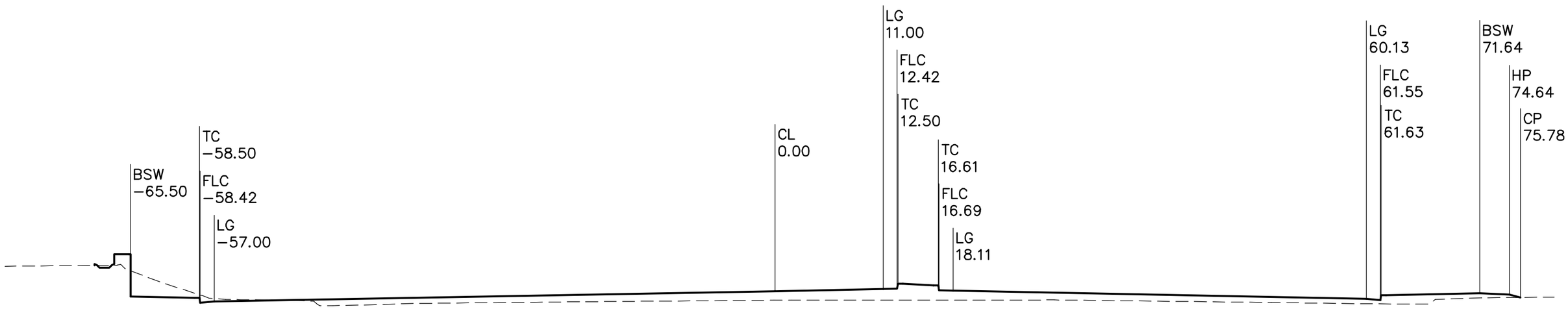
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"CLOA" LINE
STATION 49+00.00

	BSW	TC	FLC	LG	CL	LG	FLC	TC	TC	FLC	LG	LG	FLC	TC	BSW
Elev	33.45	33.31	32.81	32.97	34.06	34.28	34.31	34.81	34.19	33.69	33.66	32.87	32.71	33.21	33.41
Dist	65.50	58.50	58.42	57.00	0.00	11.00	12.42	12.50	18.21	18.29	19.71	61.73	63.14	63.23	73.23
X−Slope	2.00%			−1.91%		2.00%			−10.86%			−1.88%			2.00%

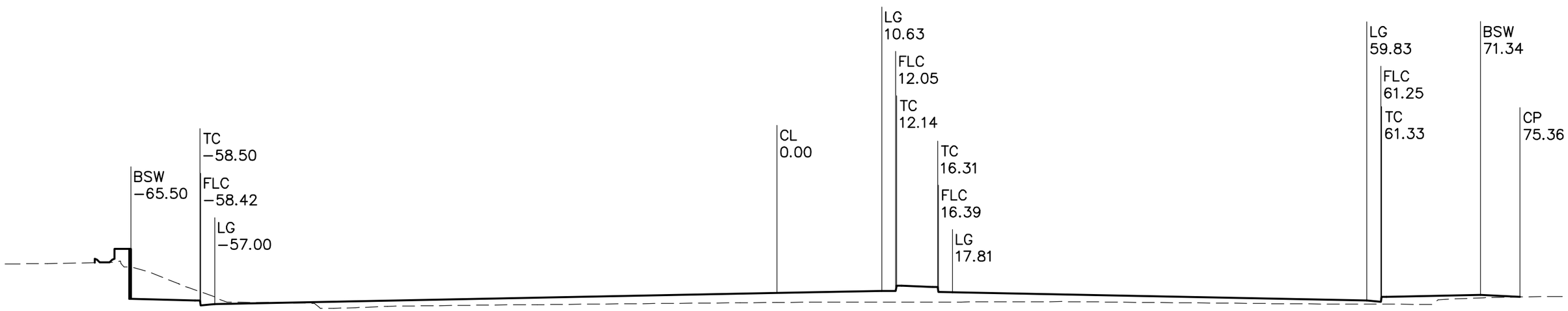
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"CLOA" LINE
STATION 49+50.00

	BSW	TC	FLC	LG	CL	LG	FLC	TC	TC	FLC	LG	LG	FLC	TC	BSW	HP	CP
Elev	32.82	32.68	32.18	32.31	33.35	33.57	33.60	34.10	33.94	33.44	33.41	32.59	32.46	32.96	33.16	33.01	32.72
Dist	65.50	58.50	58.42	57.00	0.00	11.00	12.42	12.50	16.61	16.69	18.11	60.13	61.55	61.63	71.64	74.64	75.78
X−Slope	2.00%			−1.82%		2.00%			−3.89%			−1.95%			2.00%	−5.00%	−25.44%

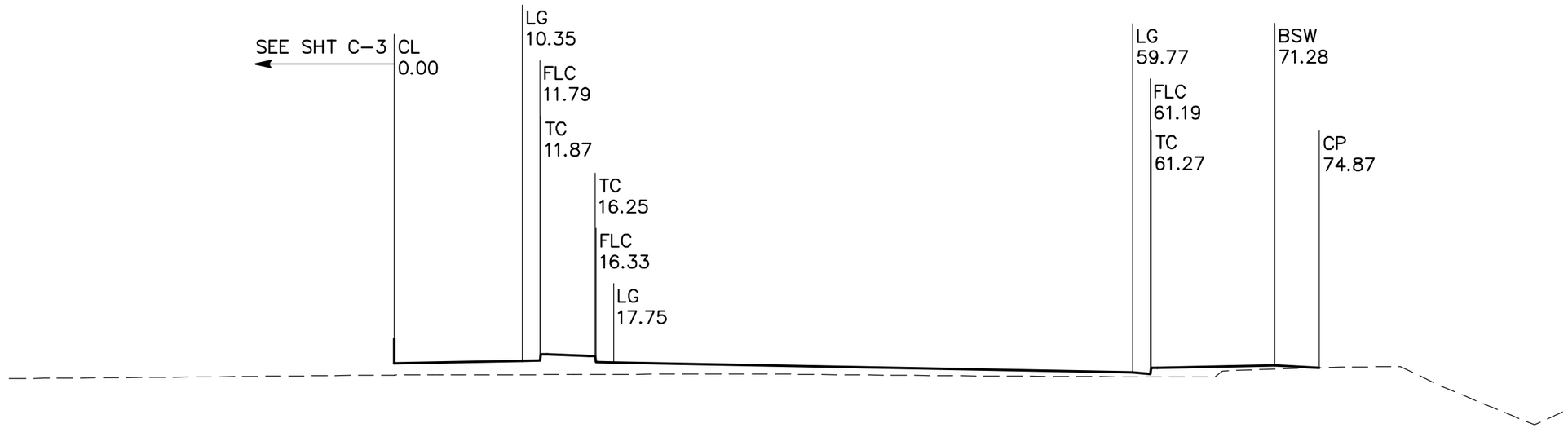
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"CLOA" LINE
STATION 49+59.42

	BSW	TC	FLC	LG	CL	LG	FLC	TC	TC	FLC	LG	LG	FLC	TC	BSW	CP
Elev	32.70	32.56	32.06	32.19	33.30	33.50	33.53	34.03	33.90	33.40	33.37	32.54	32.41	32.91	33.11	32.91
Dist	65.50	58.50	58.42	57.00	0.00	10.63	12.05	12.14	16.31	16.39	17.81	59.83	61.25	61.33	71.34	75.36
X−Slope	2.00%			−1.95%		1.88%			−3.12%			−1.98%			2.00%	−4.98%

FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"CLOA" LINE
STATION 49+61.31

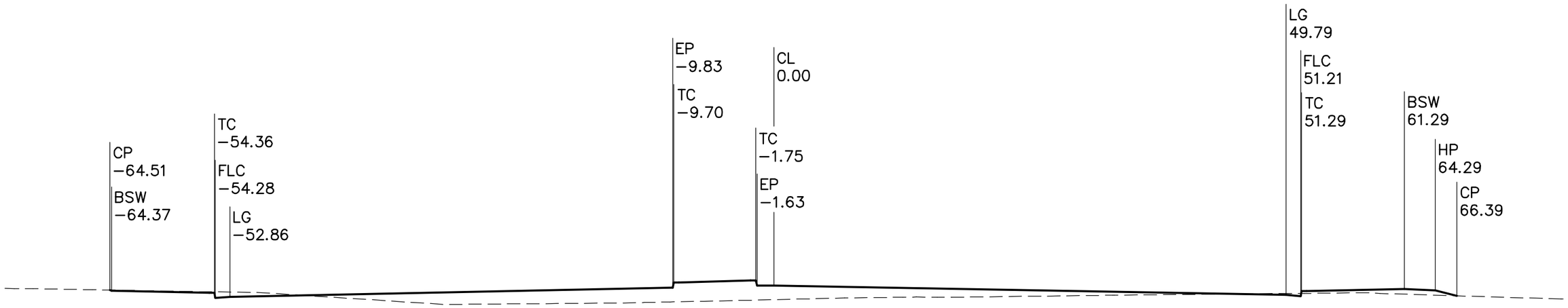
	SEE SHT C-3	CL	LG	FLC	TC	TC	FLC	LG	LG	FLC	TC	BSW	CP
Elev		33.29	33.48	33.51	34.01	33.89	33.39	33.36	32.53	32.40	32.90	33.10	32.92
Dist		0.00	10.35	11.79	11.87	16.25	16.33	17.75	59.77	61.19	61.27	71.28	74.87
X-Slope			1.84%			-2.74%			-1.98%			2.00%	-5.01%

FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1

"CLOA" LINE
STATION 50+79.72

	CP	BSW	TC	FLC	LG	CL	SEE SHT C-3
Elev	32.71	32.38	32.18	31.68	31.82	32.87	
Dist	64.90	64.24	54.24	54.16	52.74	0.00	
X-Slope	50.00%	2.00%			-1.99%		

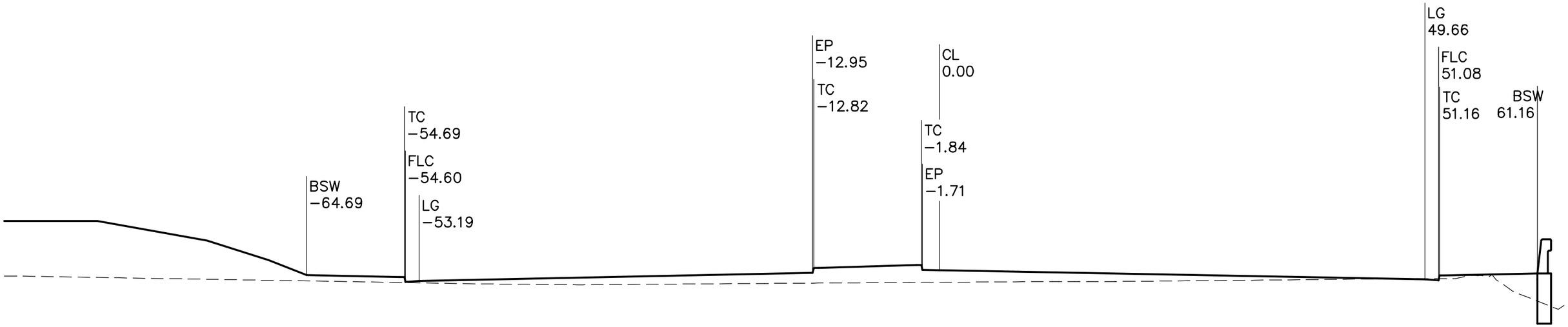
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"CLOA" LINE
STATION 50+84.72

	CP	BSW	TC	FLC	LG	EP	TC	TC	EP	CL	LG	FLC	TC	BSW	HP	CP
Elev	32.47	32.40	32.20	31.70	31.84	32.70	33.20	33.43	32.93	32.90	32.03	31.89	32.39	32.59	32.44	31.92
Dist	64.51	64.37	54.36	54.28	52.86	9.83	9.70	1.75	1.63	0.00	49.79	51.21	51.29	61.29	64.29	66.39
X−Slope	50.00%	2.00%			−2.00%		−2.89%		1.84%		−1.75%			2.00%	−5.00%	−24.76%

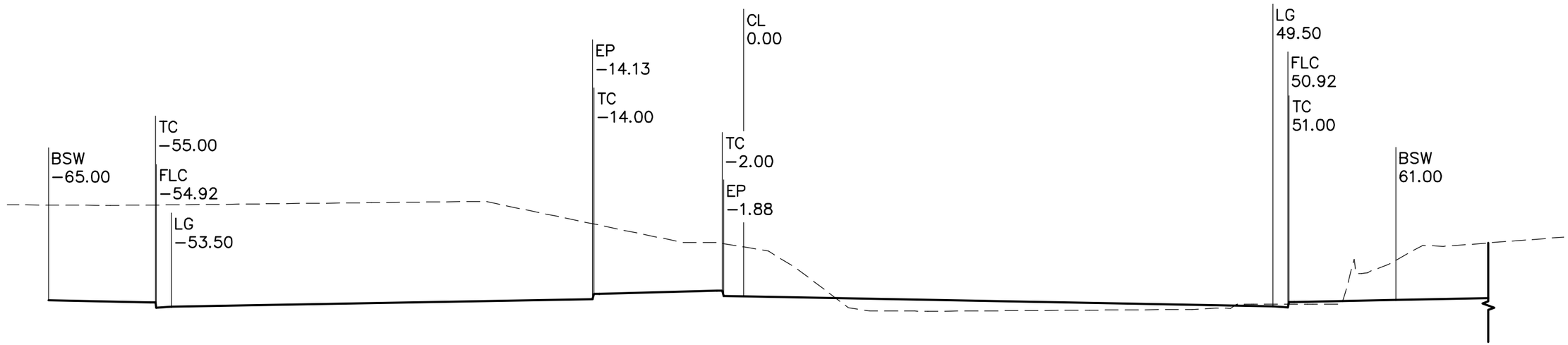
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"CLOA" LINE
STATION 51+00.00

	BSW	TC	FLC	LG	EP	TC	TC	EP	CL	LG	FLC	TC	BSW
Elev	32.47	32.27	31.77	31.90	32.71	33.21	33.50	33.00	32.97	32.06	31.93	32.43	32.63
Dist	64.69	54.69	54.60	53.19	12.95	12.82	1.84	1.71	0.00	49.66	51.08	51.16	61.16
X−Slope	2.00%			−2.01%		−2.64%		1.75%		−1.83%			2.00%

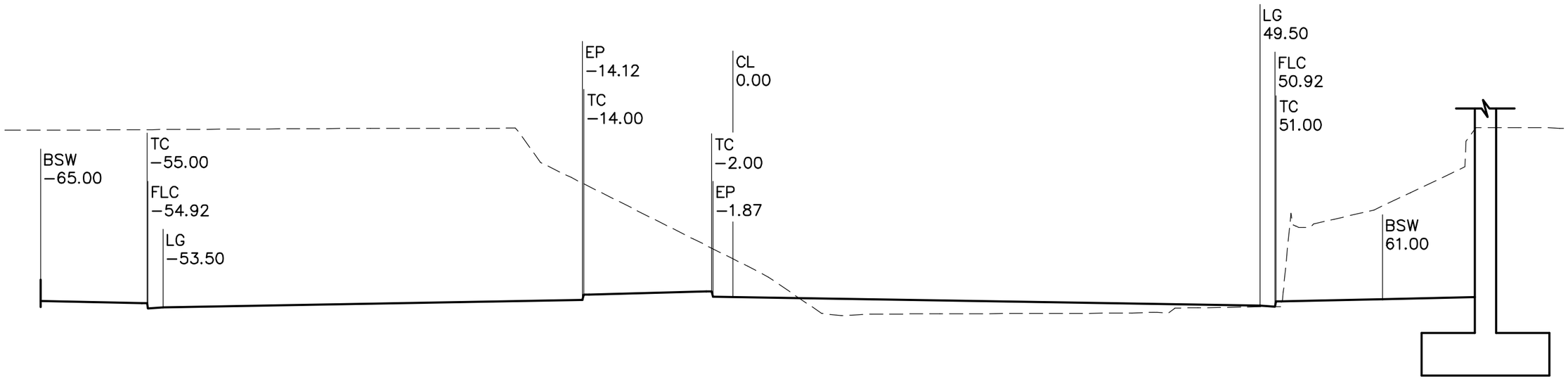
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"CLOA" LINE
STATION 51+50.00

	BSW	TC	FLC	LG	EP	TC	TC	EP	CL	LG	FLC	TC	BSW
Elev	32.84	32.65	32.15	32.28	32.94	33.44	33.76	33.26	33.22	32.31	32.18	32.68	32.87
Dist	65.00	55.00	54.92	53.50	14.13	14.00	2.00	1.88	0.00	49.50	50.92	51.00	61.00
X−Slope	1.90%			−1.68%		−2.67%		2.13%		−1.84%			1.90%

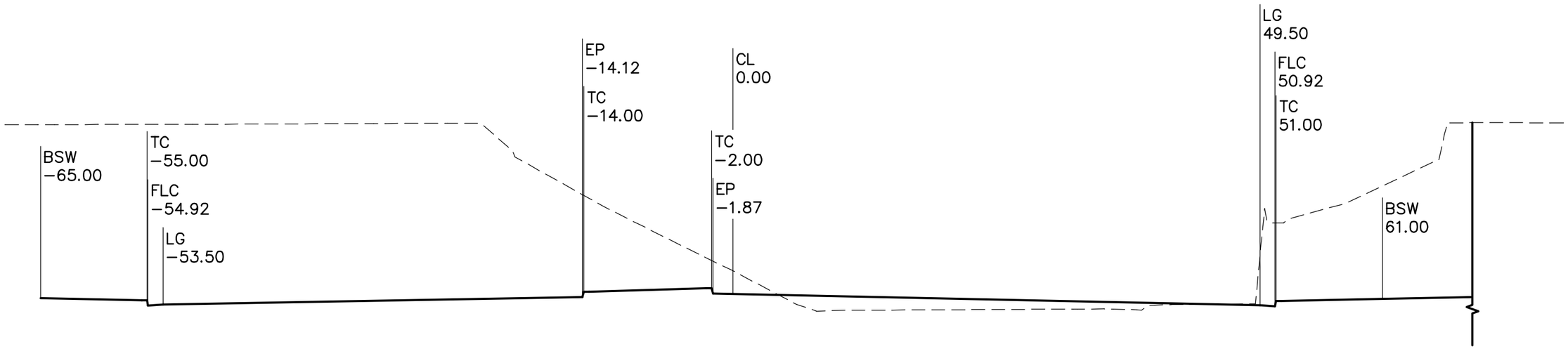
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"CLOA" LINE
STATION 51+81.37

	BSW	TC	FLC	LG	EP	TC	TC	EP	CL	LG	FLC	TC	BSW
Elev	33.01	32.81	32.31	32.44	33.10	33.60	33.91	33.41	33.38	32.61	32.48	32.98	33.18
Dist	65.00	55.00	54.92	53.50	14.12	14.00	2.00	1.87	0.00	49.50	50.92	51.00	61.00
X−Slope	2.00%			−1.68%		−2.58%		1.60%		−1.56%			2.00%

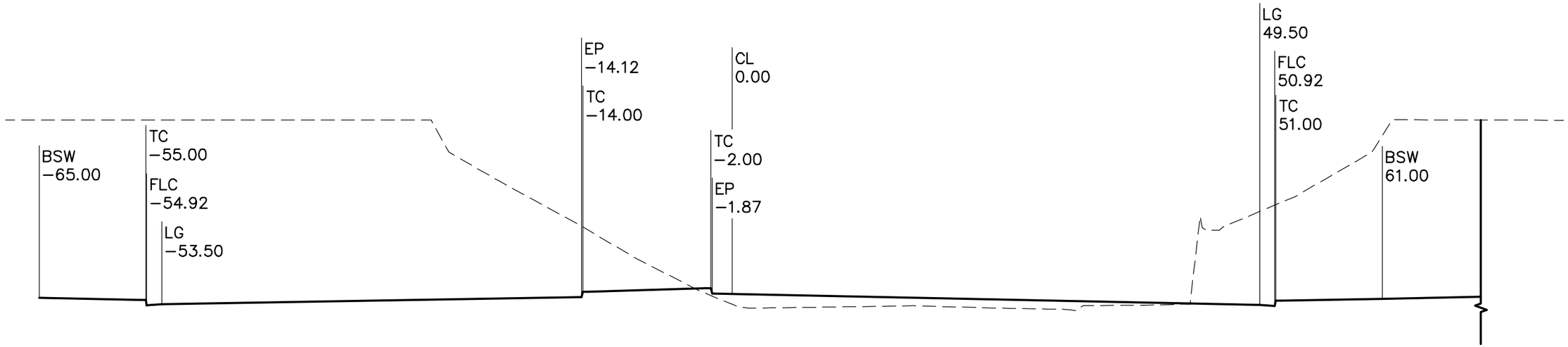
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"CLOA" LINE
STATION 52+00.00

	BSW	TC	FLC	LG	EP	TC	TC	EP	CL	LG	FLC	TC	BSW
Elev	32.91	32.72	32.22	32.35	33.01	33.51	33.83	33.33	33.29	32.28	32.15	32.65	32.84
Dist	65.00	55.00	54.92	53.50	14.12	14.00	2.00	1.87	0.00	49.50	50.92	51.00	61.00
X−Slope	1.90%			−1.68%		−2.67%		2.14%		−2.04%			1.90%

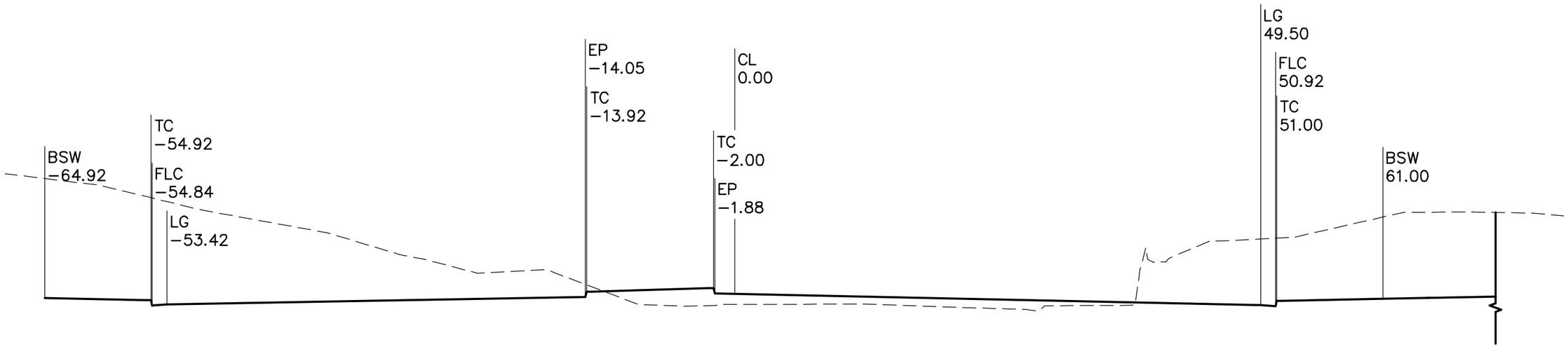
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"CLOA" LINE
STATION 52+50.00

	BSW	TC	FLC	LG	EP	TC	TC	EP	CL	LG	FLC	TC	BSW
Elev	32.68	32.49	31.99	32.12	32.76	33.26	33.58	33.08	33.04	32.03	31.90	32.40	32.59
Dist	65.00	55.00	54.92	53.50	14.12	14.00	2.00	1.87	0.00	49.50	50.92	51.00	61.00
X−Slope	1.90%			−1.63%		−2.67%		2.14%		−2.04%			1.90%

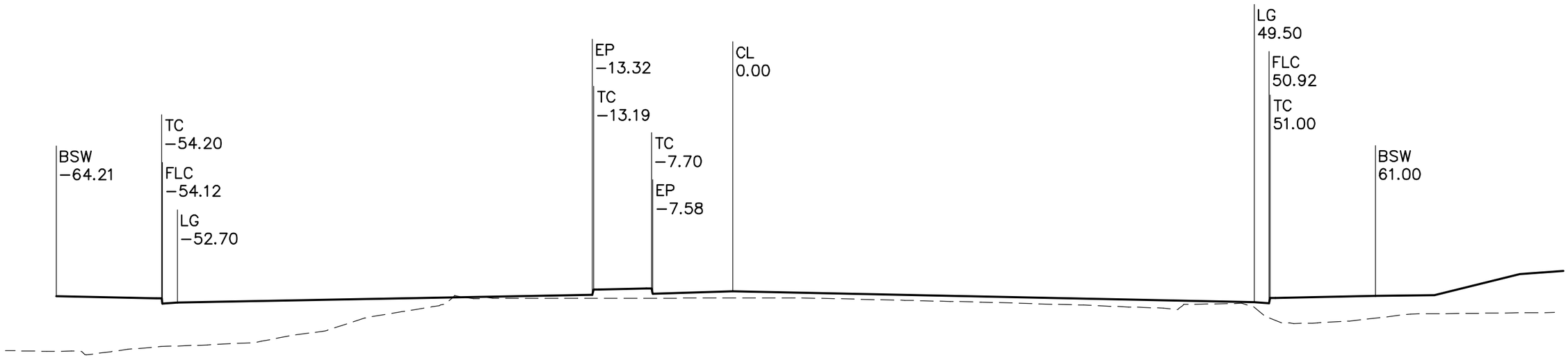
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"CLOA" LINE
STATION 53+00.00

	BSW	TC	FLC	LG	EP	TC	TC	EP	CL	LG	FLC	TC	BSW
Elev	32.41	32.22	31.72	31.85	32.51	33.01	33.33	32.83	32.79	31.78	31.65	32.15	32.34
Dist	64.92	54.92	54.84	53.42	14.05	13.92	2.00	1.88	0.00	49.50	50.92	51.00	61.00
X-Slope	1.90%			-1.68%		-2.68%		2.13%		-2.04%			1.90%

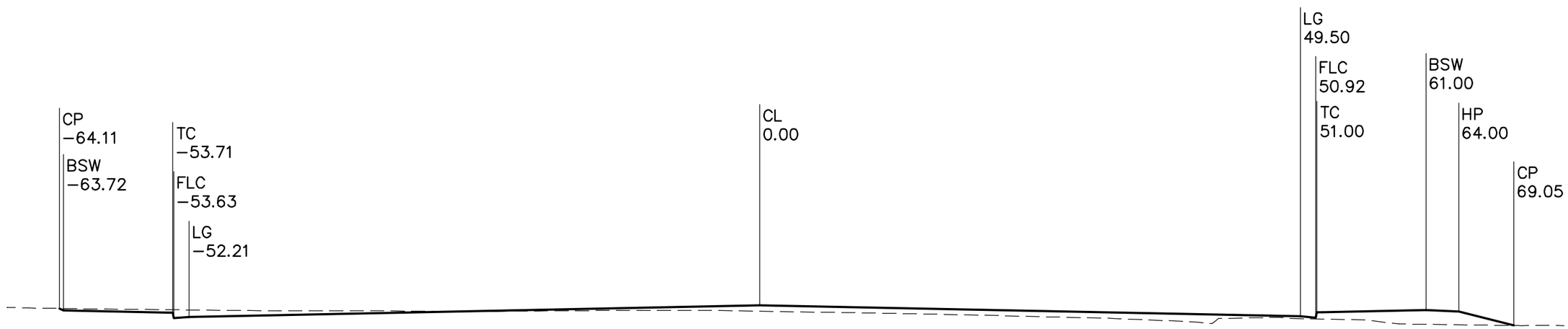
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"CLOA" LINE
STATION 53+50.00

	BSW	TC	FLC	LG	EP	TC	TC	EP	CL	LG	FLC	TC	BSW
Elev	31.92	31.72	31.22	31.35	32.05	32.55	32.64	32.14	32.37	31.37	31.24	31.74	31.94
Dist	64.21	54.20	54.12	52.70	13.32	13.19	7.70	7.58	0.00	49.50	50.92	51.00	61.00
X−Slope	2.00%			−1.78%		−1.64%		−3.03%		−2.02%			2.00%

FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"CLOA" LINE
STATION 53+69.75

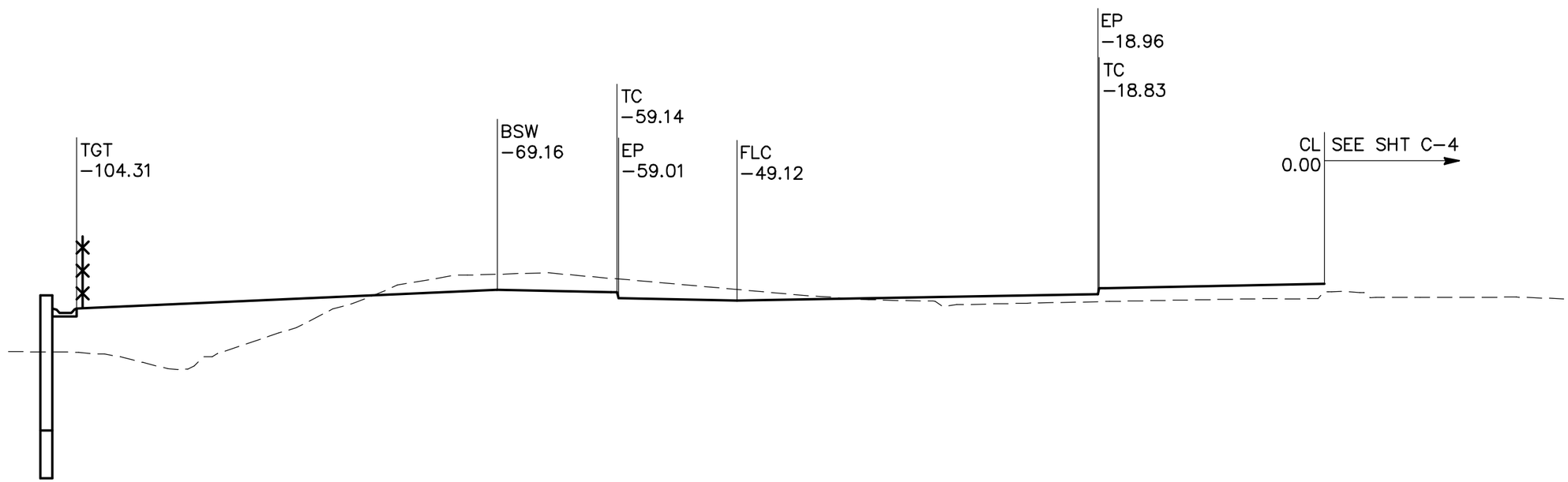
	CP	BSW	TC	FLC	LG	CL	LG	FLC	TC	BSW	HP	CP
Elev	31.92	31.73	31.53	31.03	31.16	32.21	31.21	31.08	31.58	31.78	31.63	30.37
Dist	64.11	63.72	53.71	53.63	52.21	0.00	49.50	50.92	51.00	61.00	64.00	69.05
X−Slope	48.72%	2.00%			−2.01%		−2.02%			2.00%	−5.00%	−24.95%

FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1

"CLOA" LINE
STATION 53+74.41

	CP	BSW	TC	FLC	LG	CL	SEE SHT C−4
Elev	31.88	31.68	31.48	30.98	31.11	32.17	
Dist	63.98	63.59	53.58	53.50	52.08	0.00	
X−Slope	51.28%	2.00%			−2.04%		

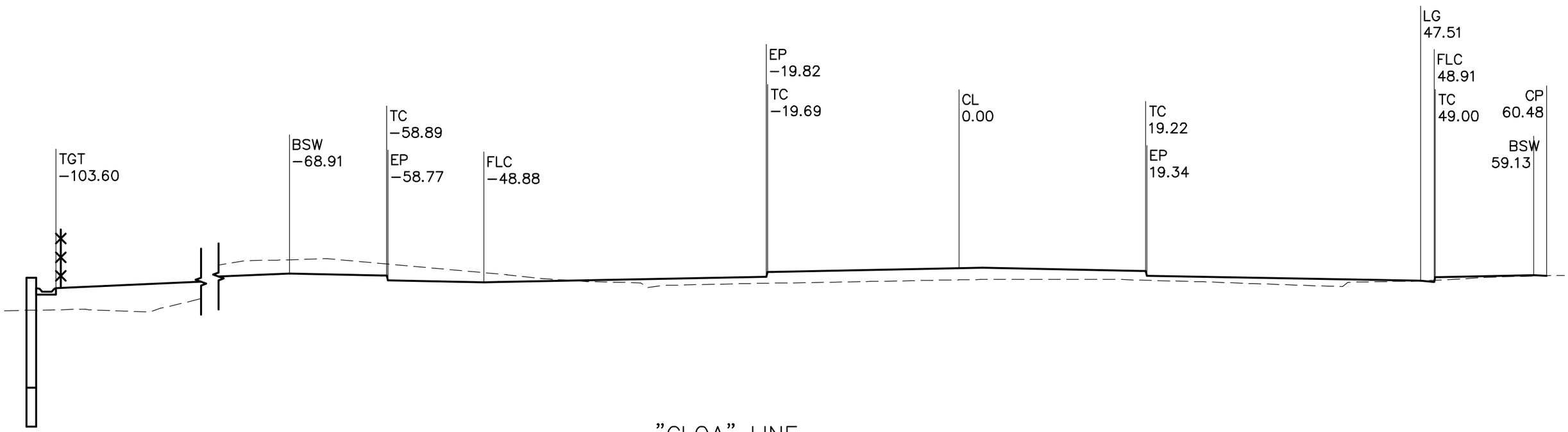
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"CLOA" LINE
STATION 54+75.56

	TGT	BSW	TC	EP	FL	EP	TC	CL	SEE SHT C−4
Elev	30.05	31.61	31.40	30.90	30.70	31.24	31.74	32.11	
Dist	104.31	69.16	59.14	59.01	49.12	18.96	18.83	0.00	
X−Slope	−4.44%	2.10%		2.02%	−1.79%		−1.96%		

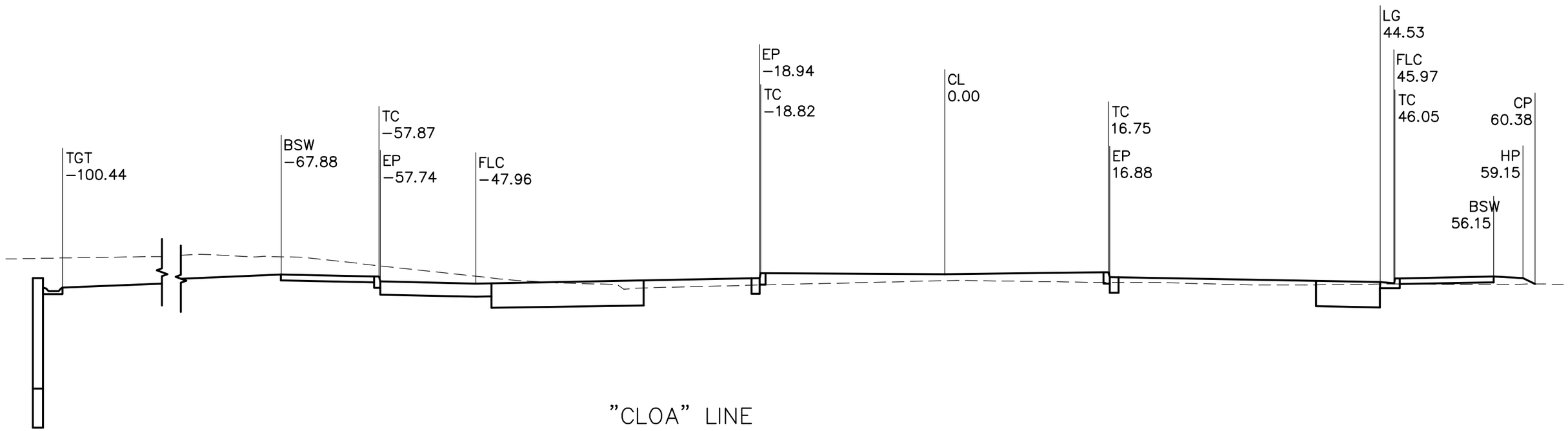
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"CLOA" LINE
STATION 54+80.14

	TGT	BSW	TC	EP	FL	EP	TC	CL	TC	EP	LG	FLC	TC	BSW	CP
Elev	30.09	31.58	31.38	30.88	30.67	31.23	31.73		31.84	31.34	30.84	30.71	31.21	31.42	31.35
Dist	103.60	68.91	58.89	58.77	48.88	19.82	19.69	0.00	19.22	19.34	47.51	48.91	49.00	59.13	60.48
X−Slope	−4.30%	2.00%		2.12%	−1.93%						−1.77%			2.07%	−5.19%

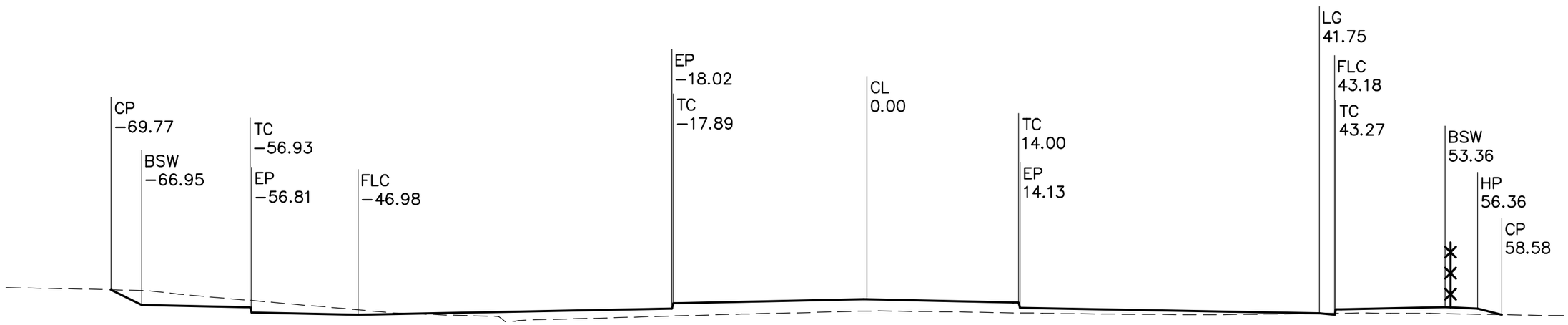
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"CLOA" LINE
STATION 55+00.00

	TGT	BSW	TC	EP	FL	EP	TC	CL	TC	EP	LG	FLC	TC	BSW	HP	CP
Elev	30.17	31.50	31.30	30.8	30.59	31.16	31.66		31.76	31.26	30.74	30.61	31.11	31.3	31.15	30.54
Dist	100.44	67.88	57.87	57.74	47.96	18.94	18.82	0	16.75	16.88	44.53	45.97	46.05	56.15	59.15	60.38
X−Slope	−4.08%	2.00%		2.15%	−1.96%						−1.88%			1.88%	−5.00%	−49.59%

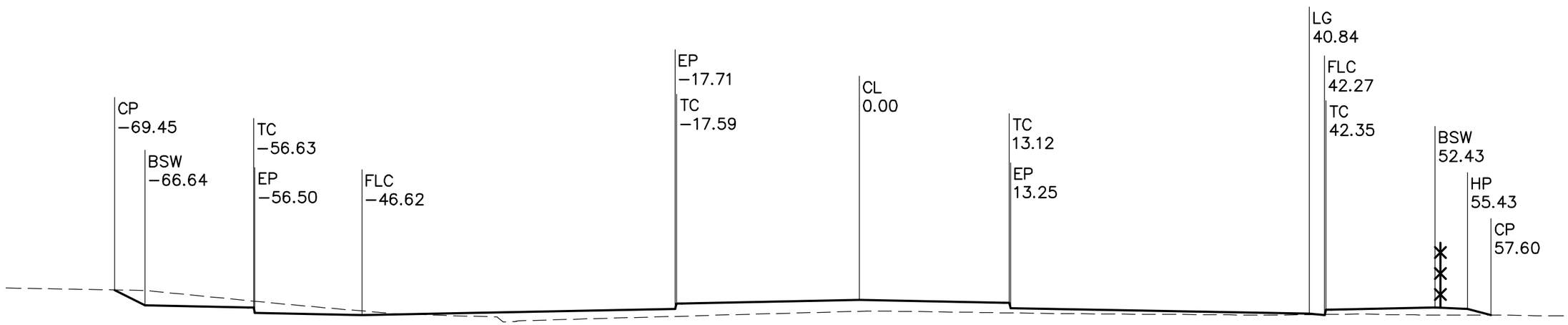
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"CLOA" LINE
STATION 55+19.58

	CP	BSW	TC	EP	FL	EP	TC	CL	TC	EP	LG	FLC	TC	BSW	HP	CP
Elev	32.82	31.41	31.21	30.71	30.51	31.09	31.59		31.65	31.15	30.64	30.51	31.01	31.22	31.07	30.51
Dist	69.77	66.95	56.93	56.81	46.98	18.02	17.89	0.00	14.00	14.13	41.75	43.18	43.27	53.36	56.36	58.58
X−Slope	50.00%	2.00%		2.03%	−2.00%						−1.85%			2.08%	−5.00%	−25.23%

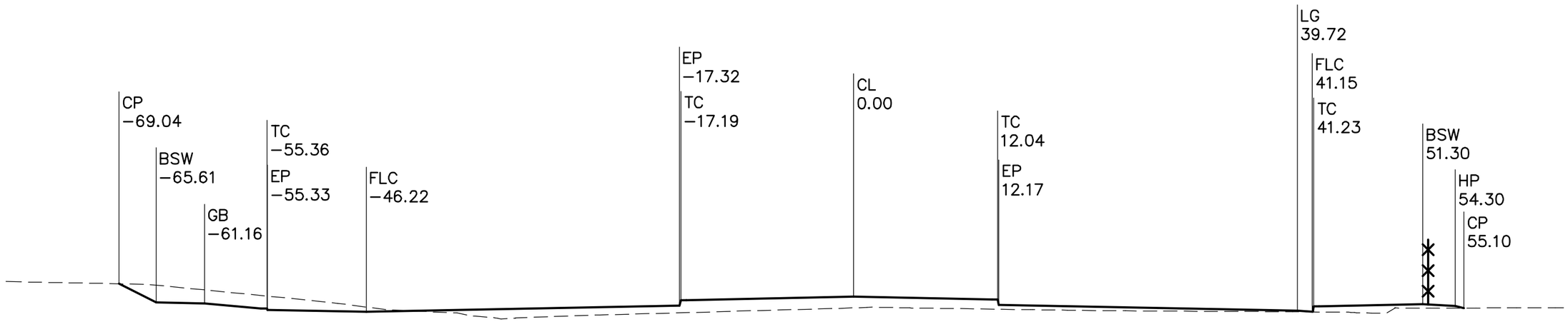
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"CLOA" LINE
STATION 55+26.41

	CP	BSW	TC	EP	FL	EP	TC	CL	TC	EP	LG	FLC	TC	BSW	HP	CP
Elev	32.79	31.38	31.18	30.68	30.48	31.06	31.56		31.62	31.12	30.61	30.47	30.97	31.18	31.03	30.49
Dist	69.45	66.64	56.63	56.50	46.62	17.71	17.59	0.00	13.12	13.25	40.84	42.27	42.35	52.43	55.43	57.60
X−Slope	50.18%	2.00%		2.02%	−2.01%						−1.85%			2.08%	−5.00%	−24.88%

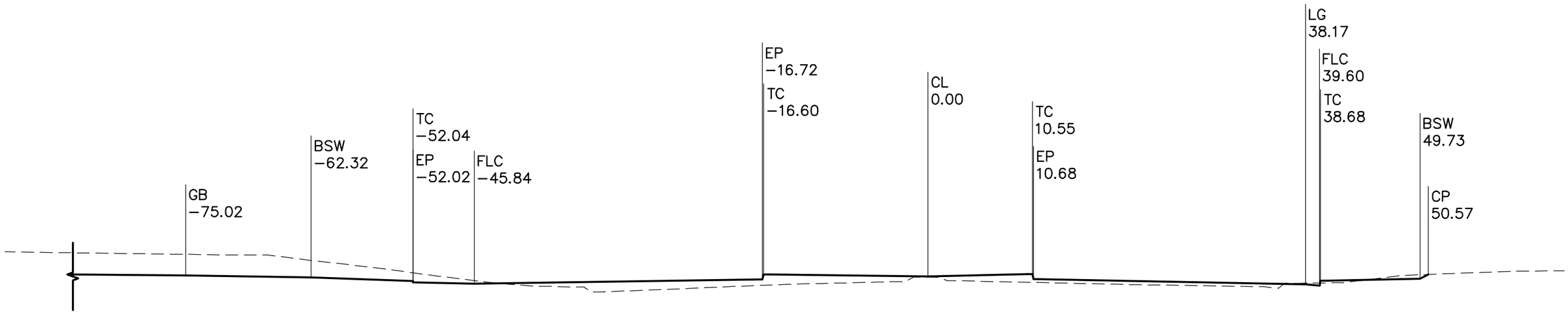
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"CLOA" LINE
STATION 55+35.51

	CP	BSW	GB	TC	EP	FL	EP	TC	CL	TC	EP	LG	FLC	TC	BSW	HP	CP
Elev	33.03	31.32	31.22	30.73	30.60	30.43	31.02	31.52		31.58	31.08	30.56	30.43	30.93	31.13	30.98	30.78
Dist	69.04	65.61	61.16	55.36	55.33	46.22	17.32	17.19	0.00	12.04	12.17	39.72	41.15	41.23	51.30	54.30	55.10
X−Slope	49.85%	2.25%	8.45%		1.87%	−2.04%						−1.89%			1.99%	−5.00%	−25.00%

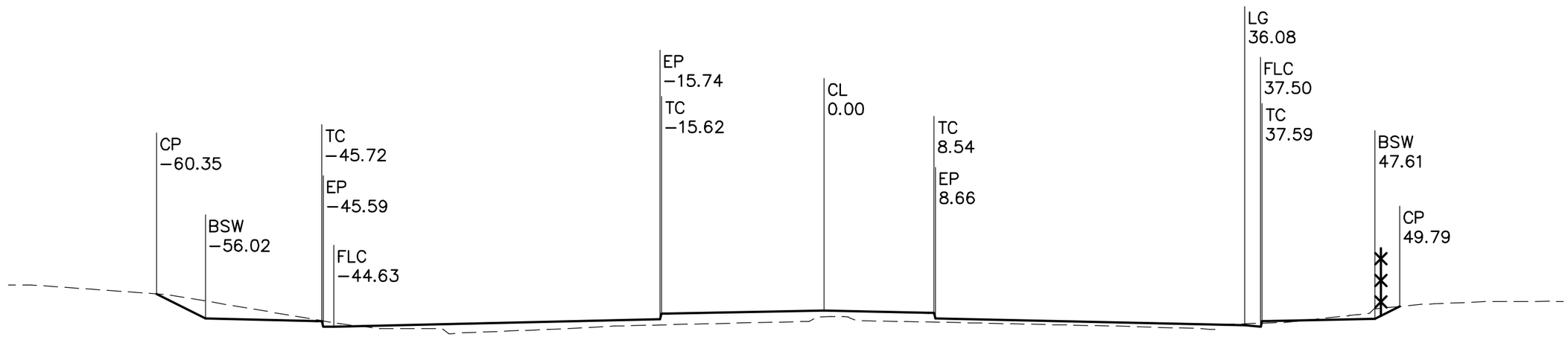
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"CLOA" LINE
STATION 55+50.00

	GB	BSW	TC	EP	FL	EP	TC	CL	TC	EP	LG	FLC	TC	BSW	CP
Elev	31.37	31.19	30.60	30.47	30.34	30.97	31.47		31.51	31.01	30.48	30.35	30.85	31.05	31.47
Dist	75.02	62.32	52.04	52.02	45.84	16.72	16.60	0.00	10.55	10.68	38.17	39.60	39.68	49.73	50.57
X−Slope	1.42%	5.70%		2.00%	−2.12%						−1.93%			1.99%	50.00%

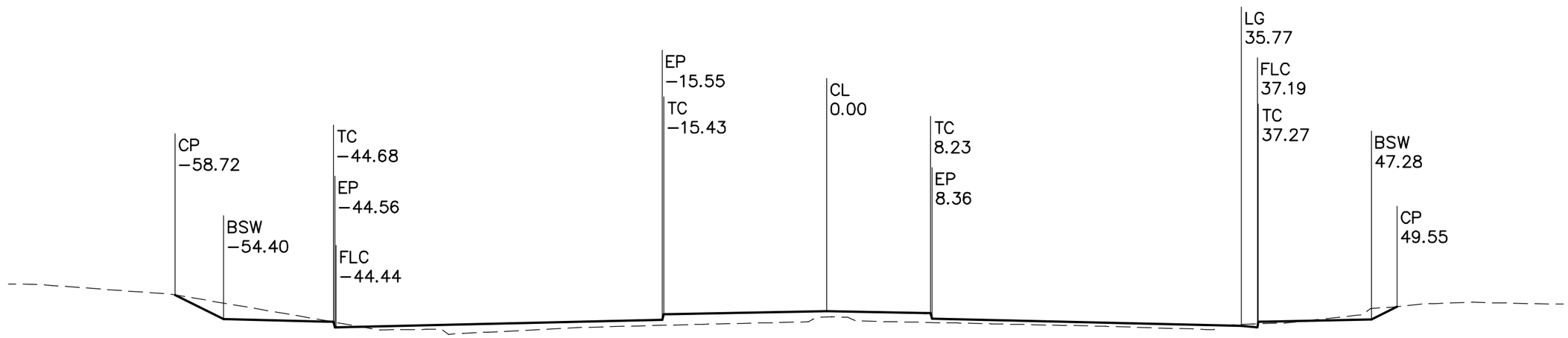
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"CLOA" LINE
STATION 55+76.55

	CP	BSW	TC	EP	FL	EP	TC	CL	TC	EP	LG	FLC	TC	BSW	CP
Elev	33.13	30.96	30.72	30.22	30.20	30.86	31.36		31.46	30.96	30.35	30.22	30.72	30.92	32.01
Dist	60.35	56.02	45.72	45.59	44.63	15.74	15.62	0.00	8.54	8.66	36.08	37.50	37.59	47.61	49.79
X−Slope	50.12%	2.33%		2.08%	−2.28%						−2.22%			2.00%	50.00%

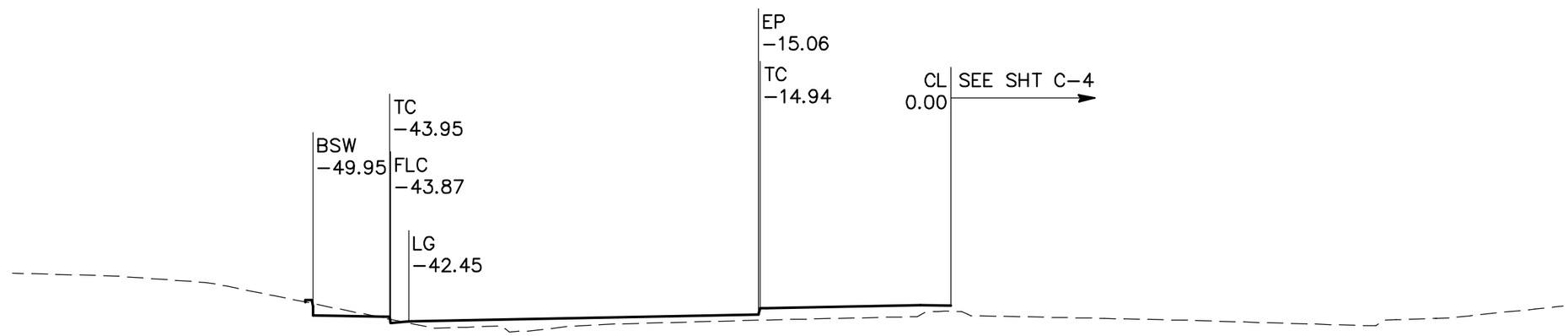
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"CLOA" LINE
STATION 55+82.13

	CP	BSW	TC	EP	FL	EP	TC	CL	TC	EP	LG	FLC	TC	BSW	CP
Elev	33.06	30.90	30.67	30.17	30.17	30.84	31.34		31.45	30.95	30.32	30.19	30.69	30.89	32.02
Dist	58.72	54.40	44.68	44.56	44.44	15.55	15.43	0.00	8.23	8.36	35.77	37.19	37.27	47.28	49.55
X−Slope	50.00%	2.37%		0.00%	−2.32%						−2.30%			2.00%	49.78%

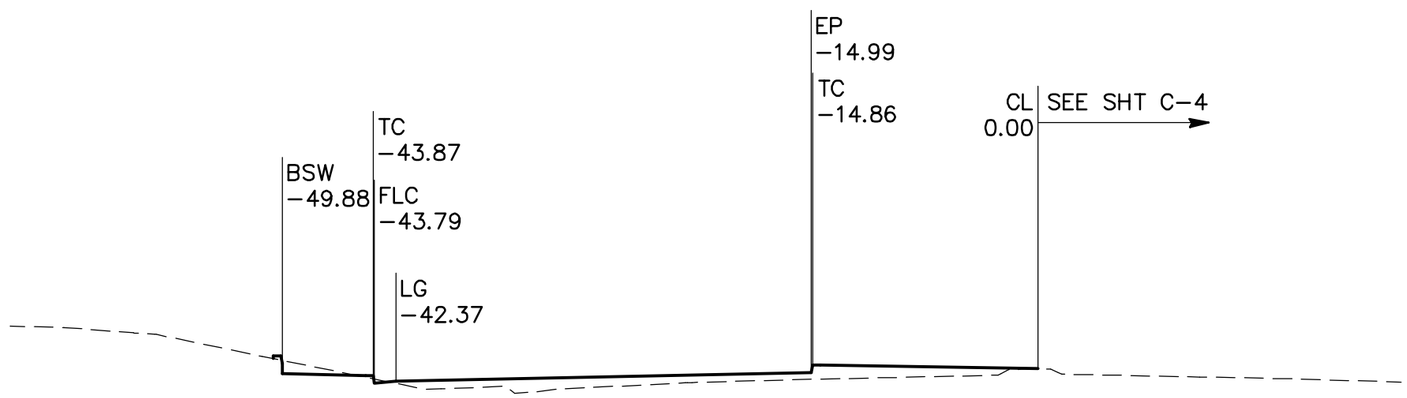
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"CLOA" LINE
STATION 55+97.40

	BSW	TC	FLC	LG	EP	TC	CL	SEE SHT C−4
Elev	30.72	30.60	30.10	30.23	30.78	31.28		
Dist	49.95	43.95	43.87	42.45	15.06	14.94	0.00	
X−Slope	2.00%			−2.01%				

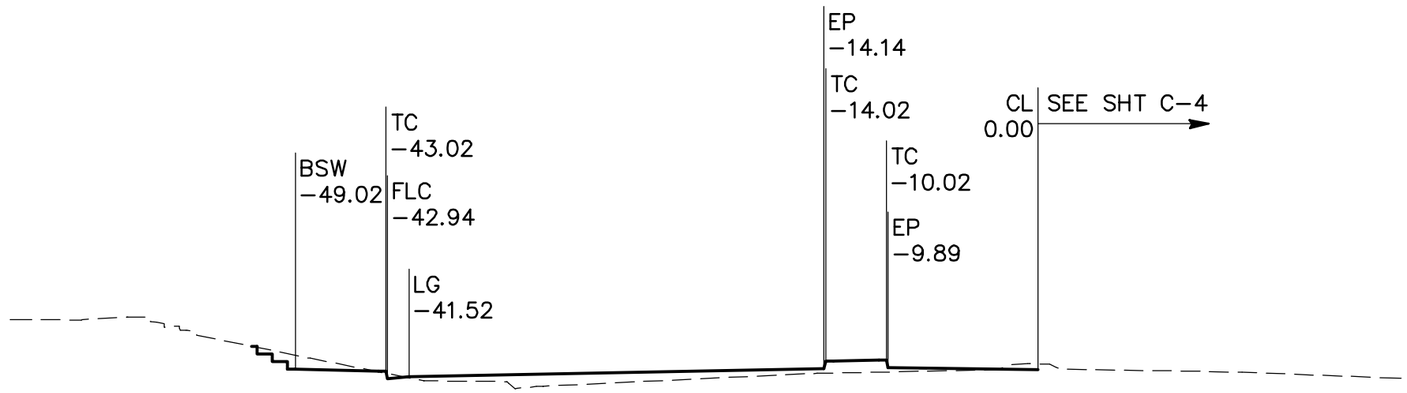
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"CLOA" LINE
STATION 56+00.00

	BSW	TC	FLC	LG	EP	TC	CL	SEE SHT C−4
Elev	30.71	30.59	30.09	30.22	30.77	31.27		
Dist	49.88	43.87	43.79	42.37	14.99	14.86	0.00	
X−Slope	2.00%			−2.01%				

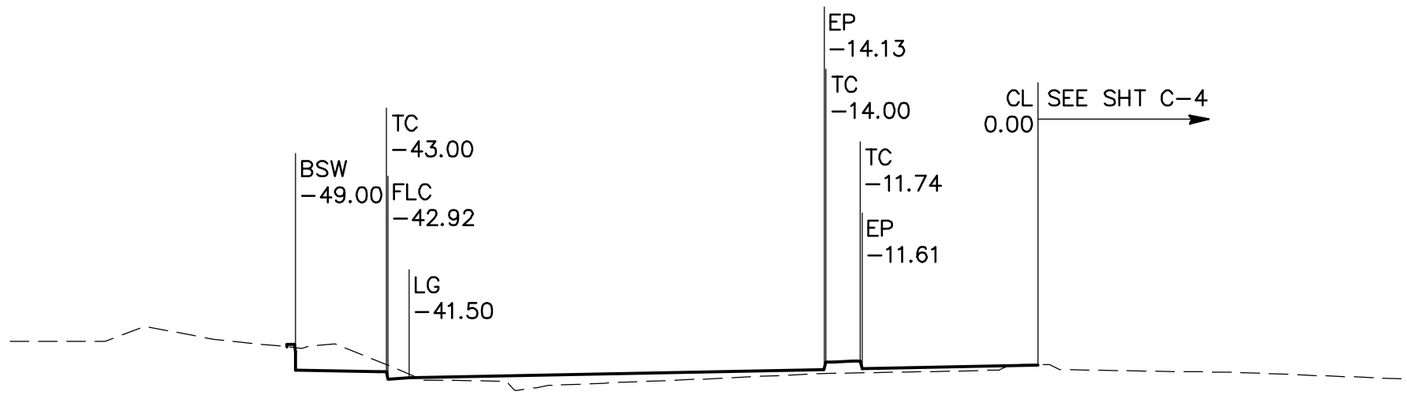
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"CLOA" LINE
STATION 56+50.00

	BSW	TC	FLC	LG	EP	TC	TC	EP	CL	SEE SHT C−4
Elev	30.46	30.34	29.84	29.97	30.50	31.00	31.08	30.58	30.79	
Dist	49.02	43.02	42.94	41.52	14.14	14.02	10.02	9.89	0.00	
X−Slope	2.00%			−1.94%		−2.00%		−2.12%		

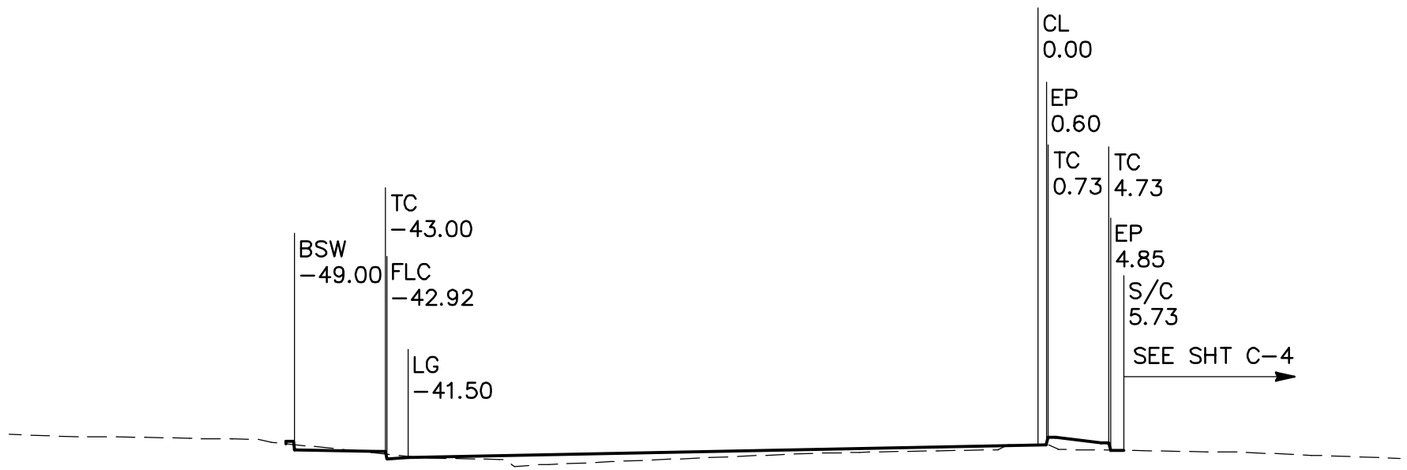
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"CLOA" LINE
STATION 56+58.66

	BSW	TC	FLC	LG	EP	TC	TC	EP	CL	SEE SHT C−4
Elev	30.42	30.30	29.80	29.94	30.45	30.95	31.01	30.51	30.75	
Dist	49.00	43.00	42.92	41.50	14.13	14.00	11.74	11.61	0.00	
X−Slope	2.00%			−1.86%		−2.65%		−2.07%		

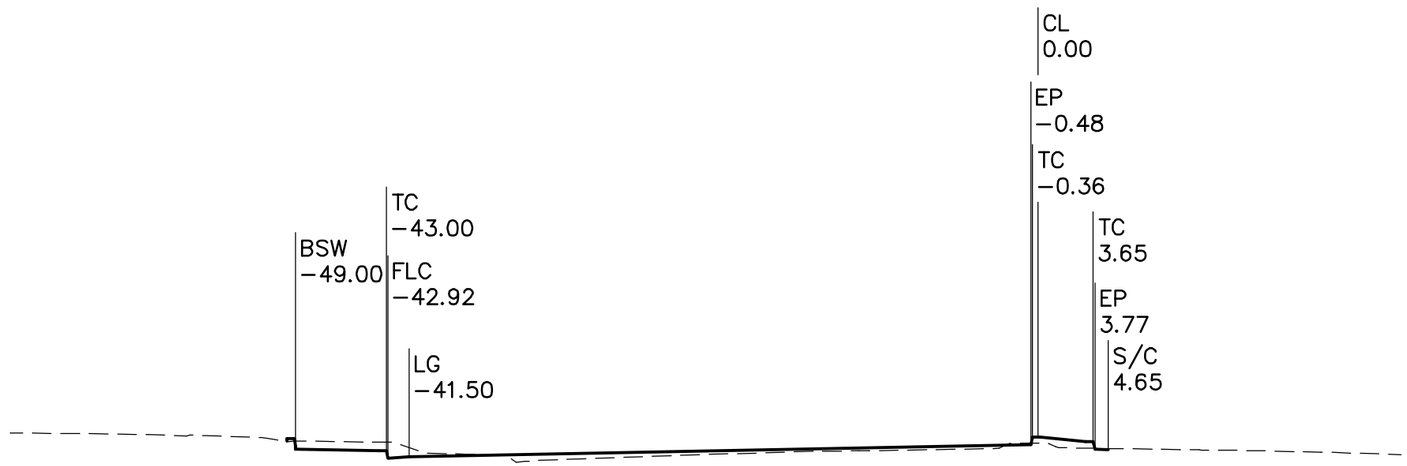
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"CLOA" LINE
STATION 56+71.69

	BSW	TC	FLC	LG	CL	EP	TC	TC	EP	S/C	SEE SHT C-4
Elev	30.36	30.24	29.74	29.90	30.68	30.69	31.19	30.84	30.34	30.32	
Dist	49.00	43.00	42.92	41.50	0.00	0.60	0.73	4.73	4.85	5.73	
X-Slope	2.00%			-1.88%		1.67%		-8.75%		-2.27%	

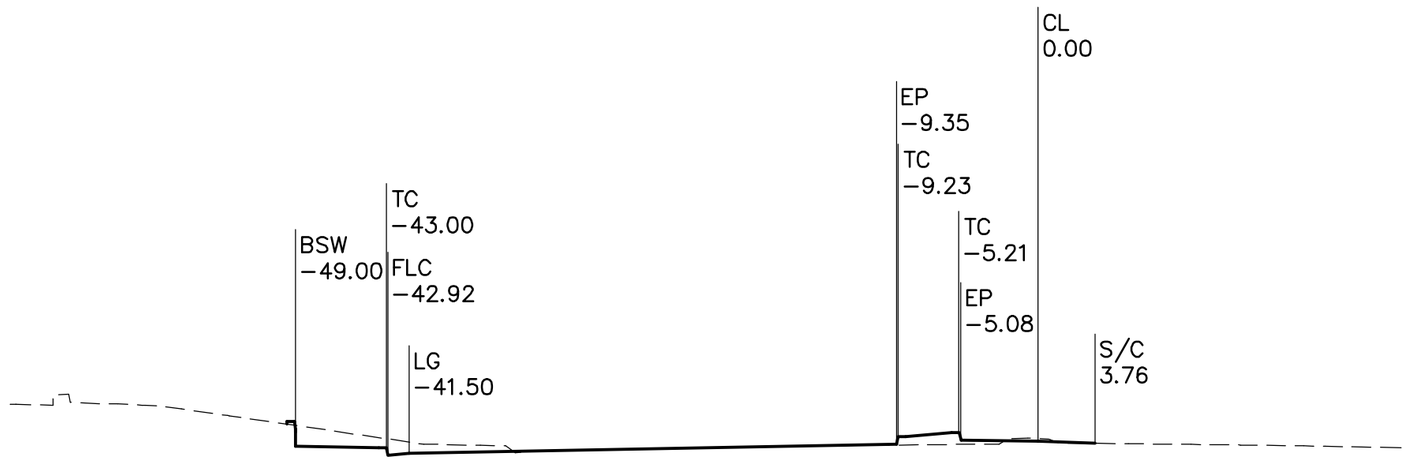
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"CLOA" LINE
STATION 57+00.00

	BSW	TC	FLC	LG	EP	TC	CL	TC	EP	S/C
Elev	30.22	30.10	29.60	29.73	30.52	31.02		30.70	30.20	30.18
Dist	49.00	43.00	42.92	41.50	0.48	0.36	0.00	3.65	3.77	4.65
X−Slope	2.00%			−1.93%						−2.27%

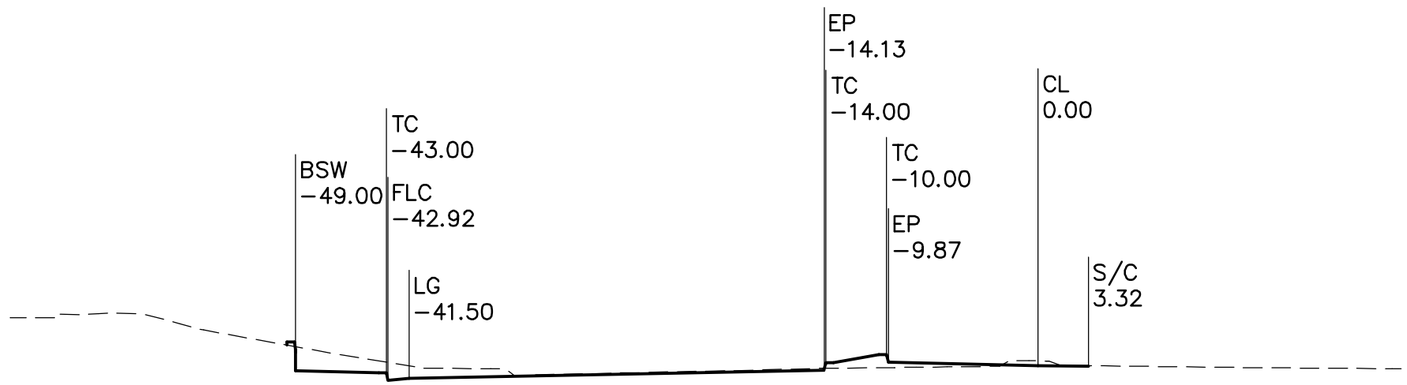
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"CLOA" LINE
STATION 57+50.00

	BSW	TC	FLC	LG	EP	TC	TC	EP	CL	S/C
Elev	29.95	29.84	29.34	29.47	30.09	30.59	30.84	30.34	30.29	30.16
Dist	49.00	43.00	42.92	41.50	9.35	9.23	5.21	5.08	0.00	3.76
X−Slope	1.83%			−1.93%		−6.22%		0.98%		−3.46%

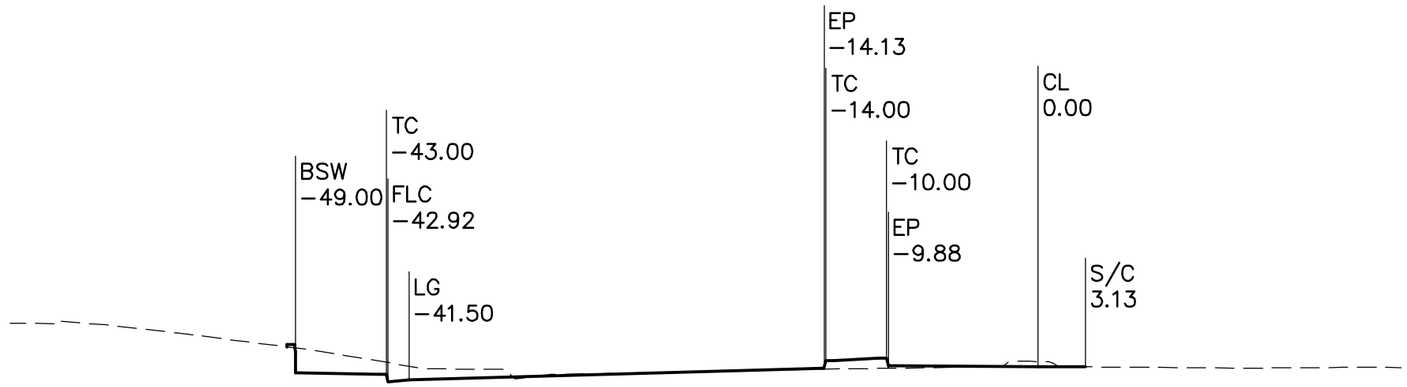
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"CLOA" LINE
STATION 58+00.00

	BSW	TC	FLC	LG	EP	TC	TC	EP	CL	S/C
Elev	29.71	29.59	29.09	29.22	29.75	30.25	30.77	30.27	30.04	30.02
Dist	49.00	43.00	42.92	41.50	14.13	14.00	10.00	9.87	0.00	3.32
X−Slope	2.00%			−1.94%		−13.00%		2.33%		−0.60%

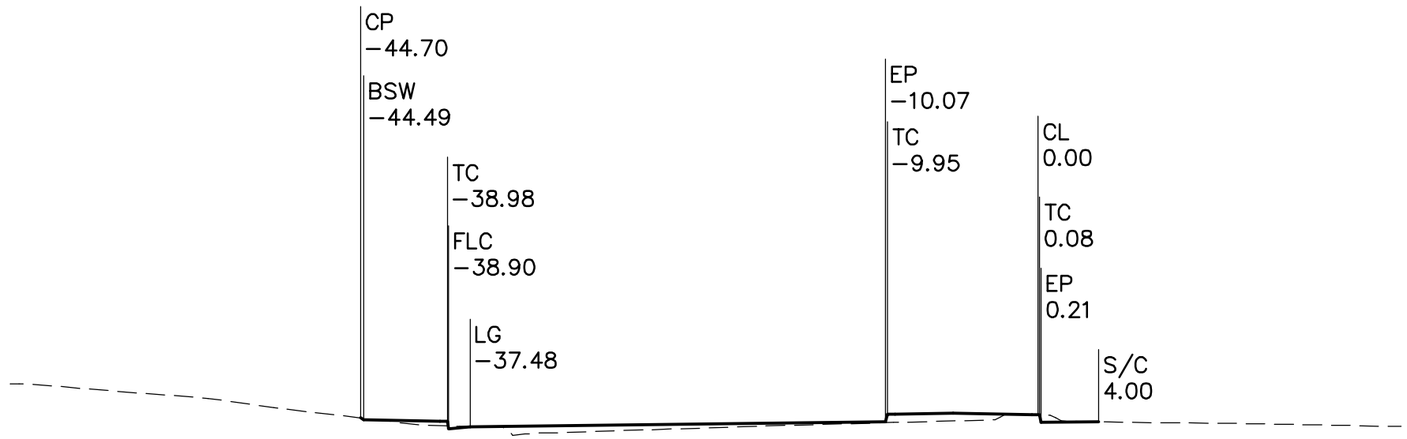
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"CLOA" LINE
STATION 58+21.58

	BSW	TC	FLC	LG	EP	TC	TC	EP	CL	S/C
Elev	29.59	29.48	28.98	29.11	29.89	30.39	30.54	30.04	29.97	29.97
Dist	49.00	43.00	42.92	41.50	14.13	14.00	10.00	9.88	0.00	3.13
X−Slope	1.83%			−2.85%		−3.75%		0.71%		0.00%

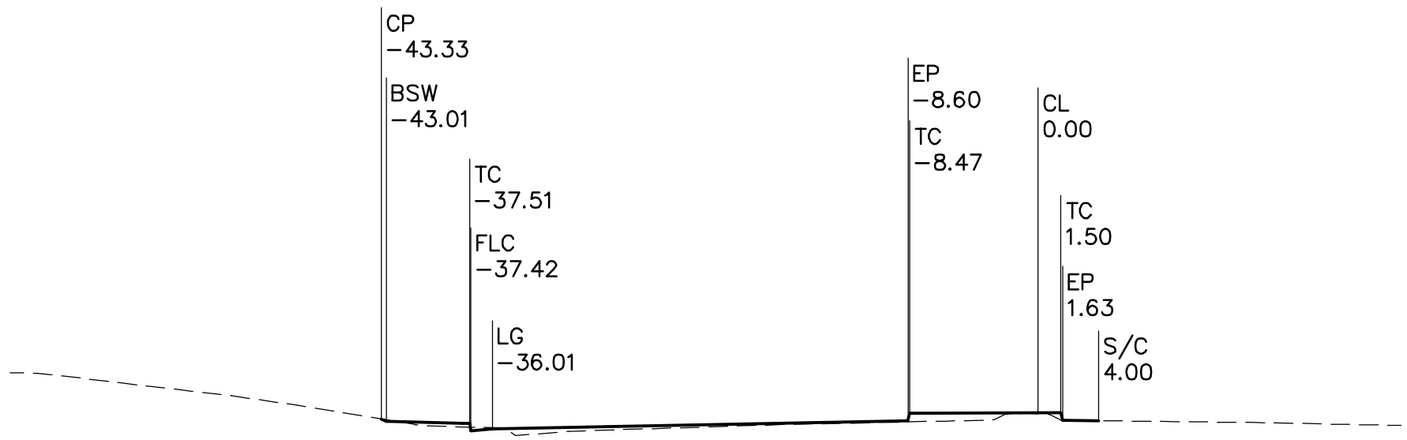
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"CLOA" LINE
STATION 59+20.49

	CP	BSW	TC	FLC	LG	EP	TC	CL	TC	EP	S/C
Elev	29.90	29.79	29.67	29.17	29.30	29.65	30.15		30.12	29.62	29.65
Dist	44.70	44.49	38.98	38.90	37.48	10.07	9.95	0.00	0.08	0.21	4.00
X−Slope	52.38%	2.18%			−1.28%						0.79%

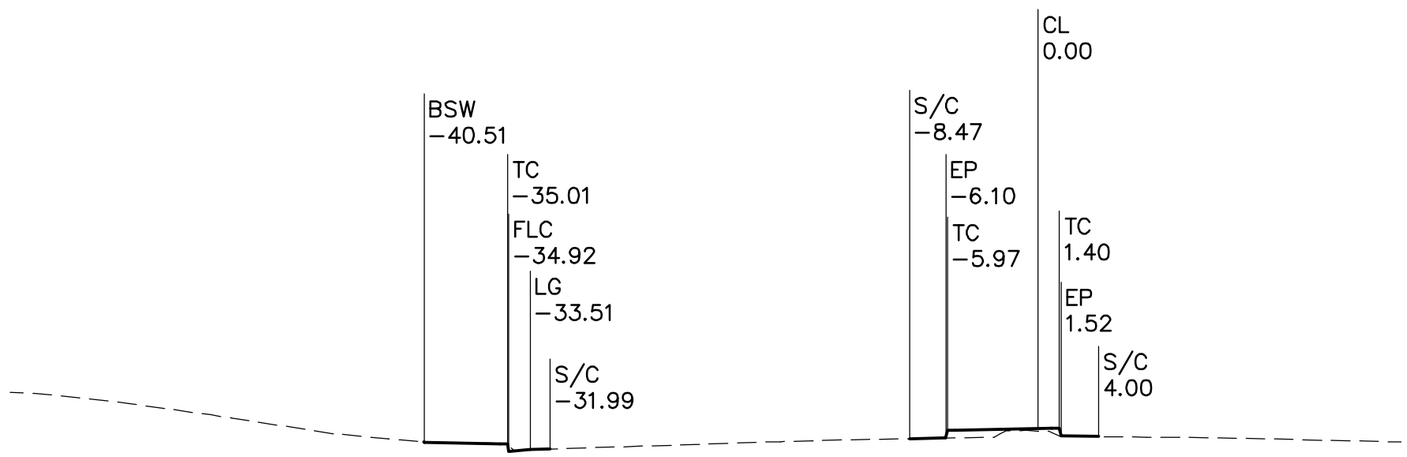
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"CLOA" LINE
STATION 59+50.00

	CP	BSW	TC	FLC	LG	EP	TC	CL	TC	EP	S/C
Elev	29.63	29.47	29.36	28.86	28.99	29.51	30.01		30.05	29.55	29.51
Dist	43.33	43.01	37.51	37.42	36.01	8.60	8.47	0.00	1.50	1.63	4.00
X-Slope	50.00%	2.00%			-1.90%						-1.69%

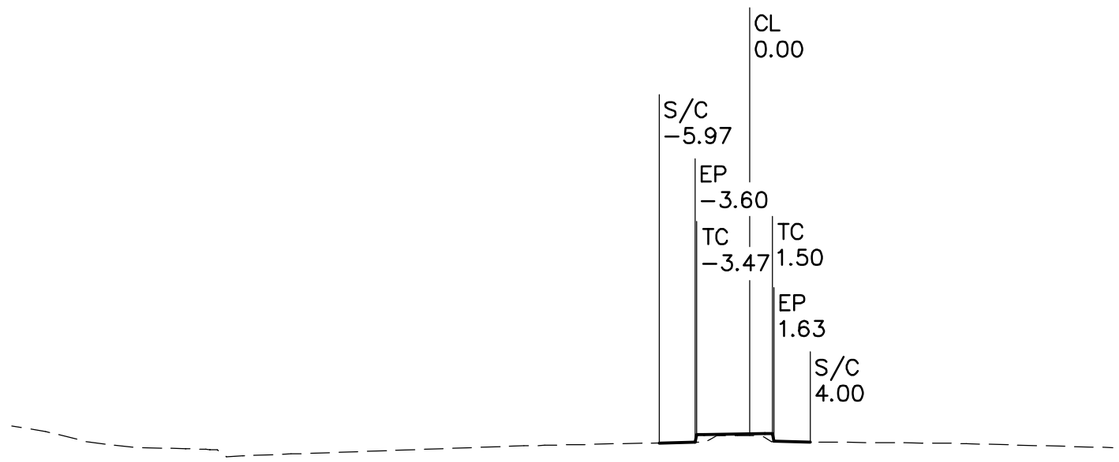
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"CLOA" LINE
STATION 60+00.00

	BSW	TC	FLC	LG	S/C	S/C	EP	TC	CL	TC	EP	S/C
Elev	28.95	28.84	28.34	28.47	28.50	29.18	29.23	29.73		29.88	29.38	29.33
Dist	40.51	35.01	34.92	33.51	31.99	8.47	6.10	5.97	0.00	1.40	1.52	4.00
X−Slope	2.00%			−1.97%		−2.11%						−2.02%

FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"CLOA" LINE
STATION 60+50.00

	S/C	EP	TC	CL	TC	EP	S/C
Elev	29.10	29.15	29.65		29.71	29.21	29.17
Dist	5.97	3.60	3.47	0.00	1.50	1.63	4.00
X−Slope	−2.11%						−1.69%

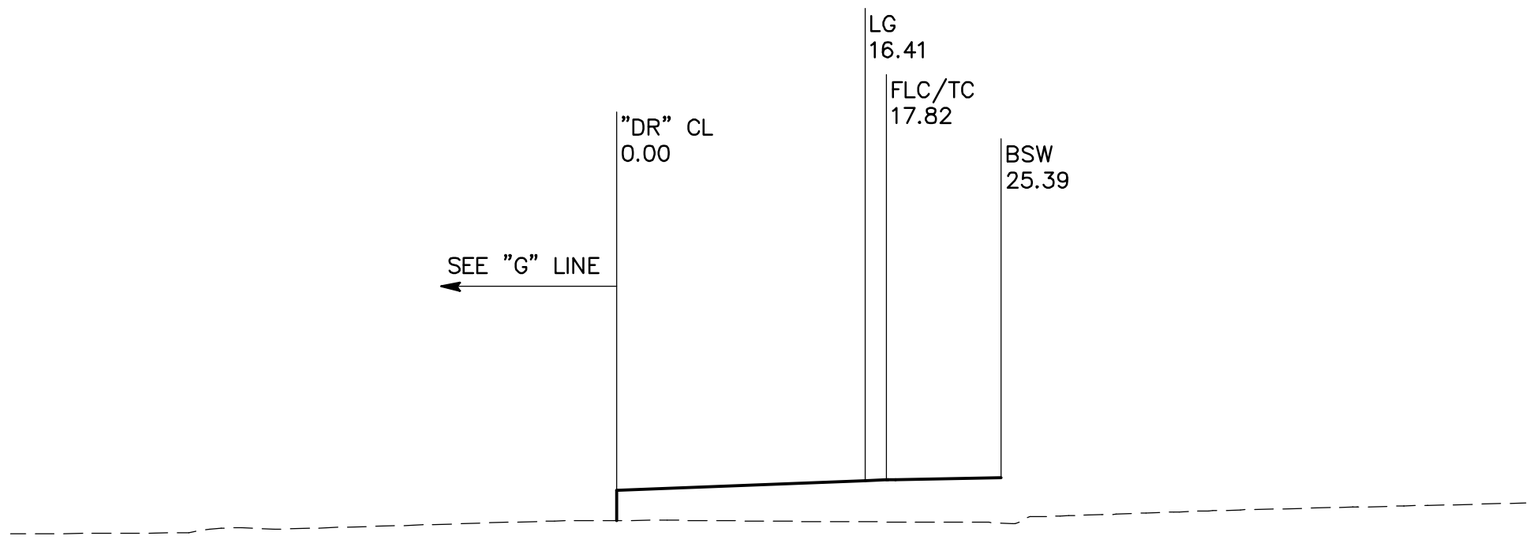
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1

CROSS SECTIONS

ROUTE 4 (EAST) WIDENING

SECTION III

"DR" LINE – (SHEET 1–19)



"DR" LINE
STATION 102+00.52

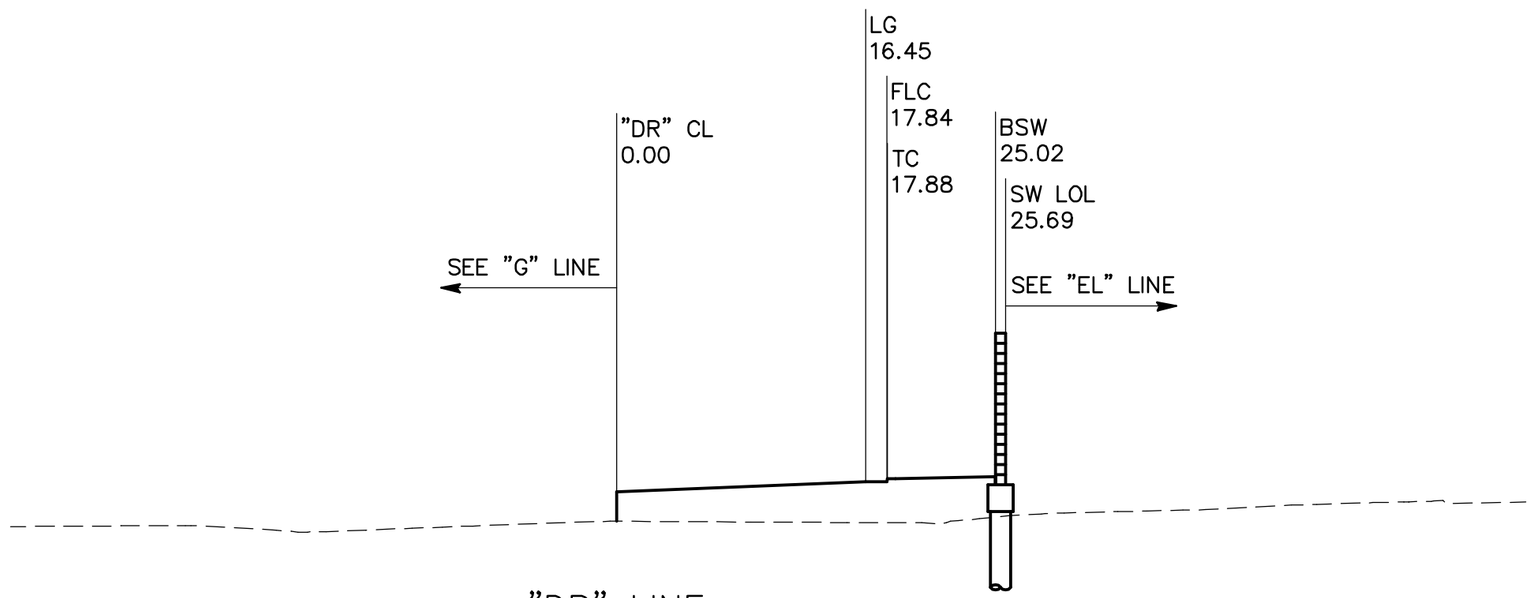
	CL	LG	FLC/TC	BSW
Elev	68.93	69.58	69.63	69.77
Dist	0.00	16.41	17.82	25.39
X-Slope		3.94%	3.95%	1.85%

LEGEND:

(XX.XX) EXISTING GROUND ELEVATION

ABBREVIATIONS:

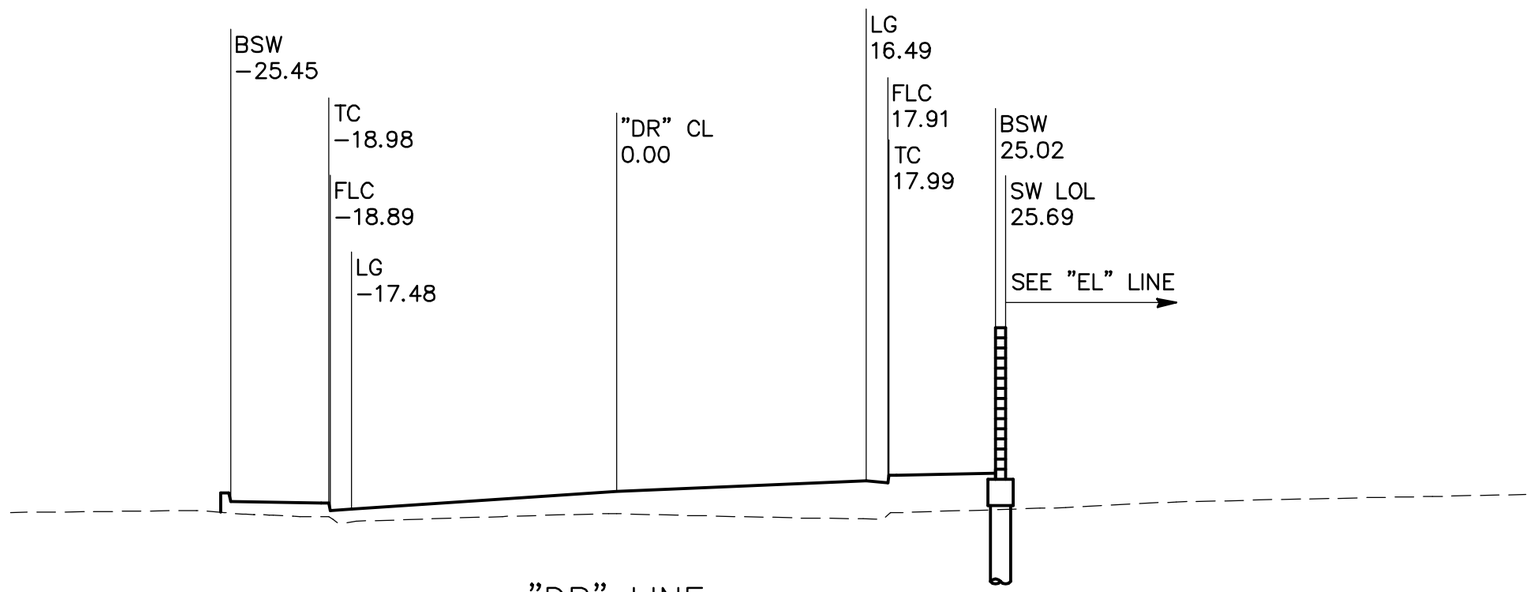
BAR – Barrier Face
BBAR – Back of Barrier
BSW – Back of Sidewalk
BWALL – Back of Wall
CL – Centerline
CP – Catch Point
EC – Edge of Concrete
EG – Edge of Gutter
EP – Edge of Pavement
ES – Edge of Shoulder
ETW – Edge of Traveled Way
FL – Paved or unpaved Flow Line
FLC – Flow Line Curb
FWALL – Face of Wall
GB – Grade Break
HP – Hinge Point
ML – Match Line
LG – Lip of Gutter
P – Pavement
PG – Profile Grade
R/W – Right of Way
RW LOL – Retaining Wall Layout Line
S/C – Saw Cut Line
SW LOL – Sound Wall Layout Line
TBAR – Top of Barrier
TC – Top of Curb
TDITCH – Top of Ditch
TE – Top of Embankment
TGT – Top of Gutter
TOD – Top of Dike
TSW – Top of Swale



"DR" LINE
STATION 102+07.30

	CL	LG	FLC	TC	BSW	SW LOL	SEE EL LINE
Elev	68.83	69.51	69.51	69.70	69.84		
Dist	0.00	16.45	17.84	17.88	25.02	25.69	
X-Slope		4.13%	0.00%		1.97%		

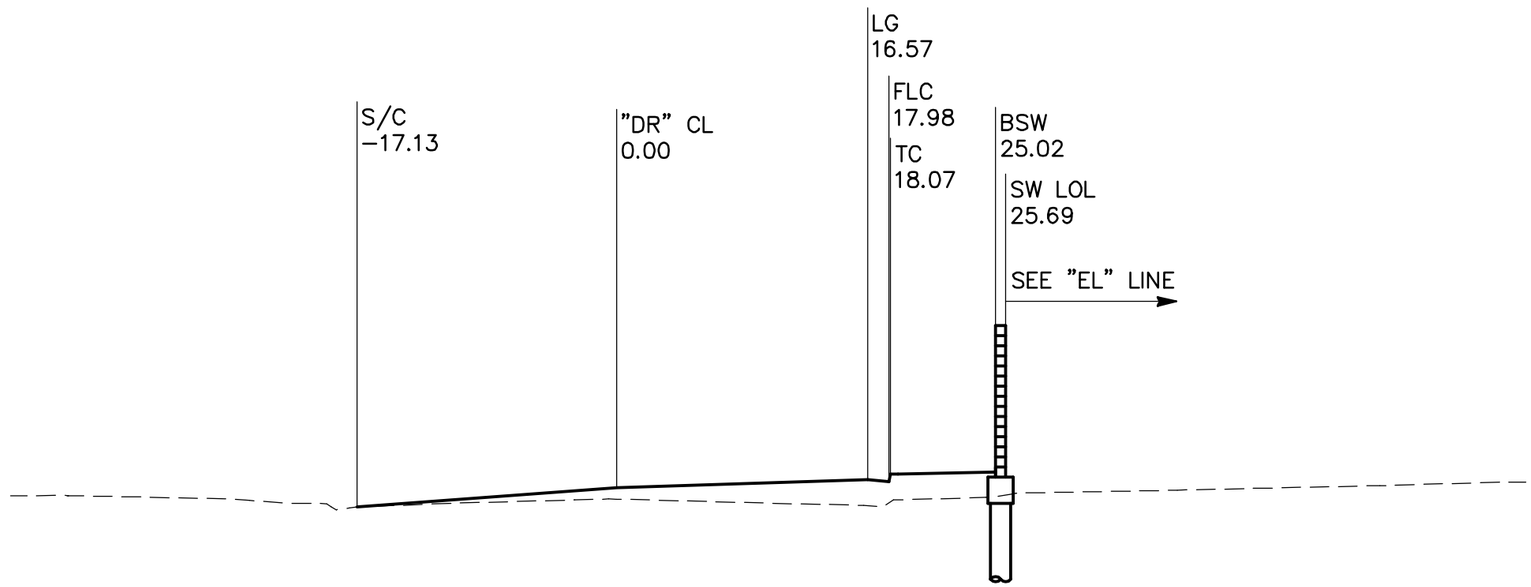
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"DR" LINE
STATION 102+26.30

	BSW	TC	FLC	LG	CL	LG	FLC	TC	BSW	SW LOL	SEE EL LINE
Elev	67.68	67.55	67.05	67.18	68.32	69.02	68.89	69.39	69.53		
Dist	25.45	18.98	18.89	17.48	0.00	16.49	17.91	17.99	25.02	25.69	
X−Slope	2.01%			−6.52%		4.24%			2.00%		

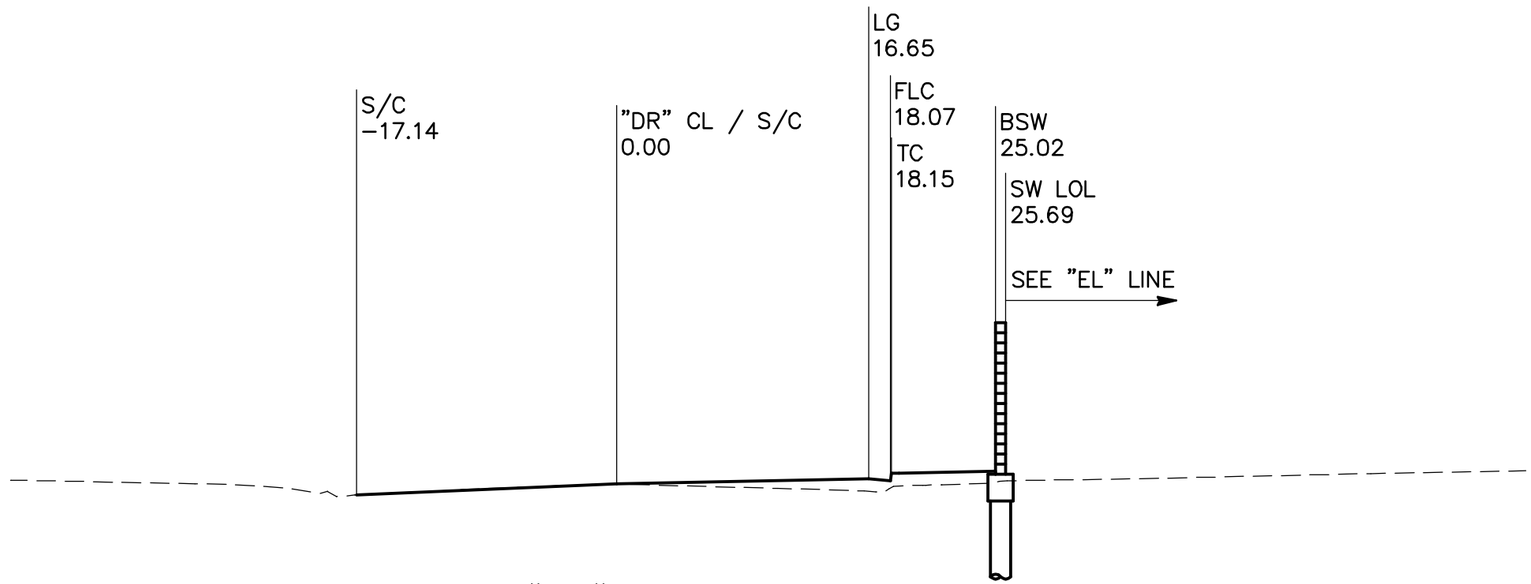
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"DR" LINE
STATION 102+50.00

	S/C	CL	LG	FLC	TC	BSW	SW LOL	SEE EL LINE
Elev	66.36	67.64	68.17	68.04	68.54	68.68		
Dist	17.13	0.00	16.57	17.98	18.07	25.02	25.69	
X–Slope	–7.47%		3.20%			2.00%		

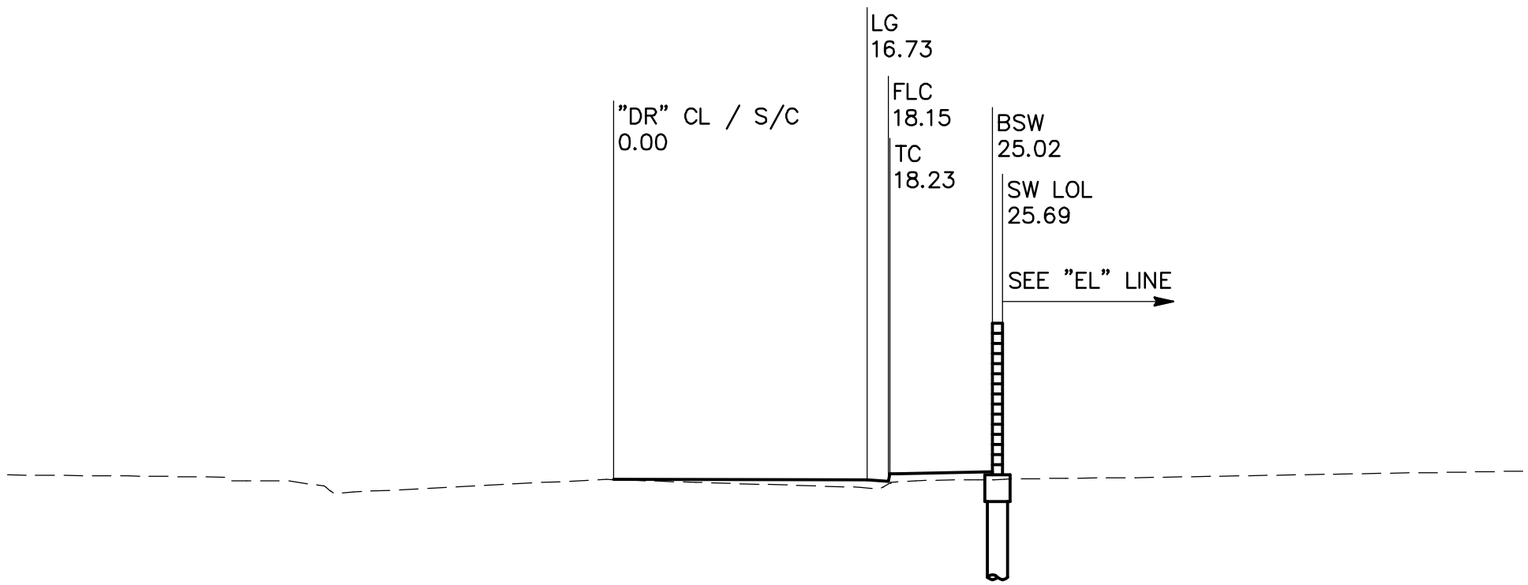
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"DR" LINE
STATION 102+76.29

	S/C	CL / S/C	LG	FLC	TC	BSW	SW LOL	SEE EL LINE
Elev	66.16	66.89	67.23	67.10	67.60	67.74		
Dist	17.14	0.00	16.65	18.07	18.15	25.02	25.69	
X-Slope	-4.27%		2.03%			2.00%		

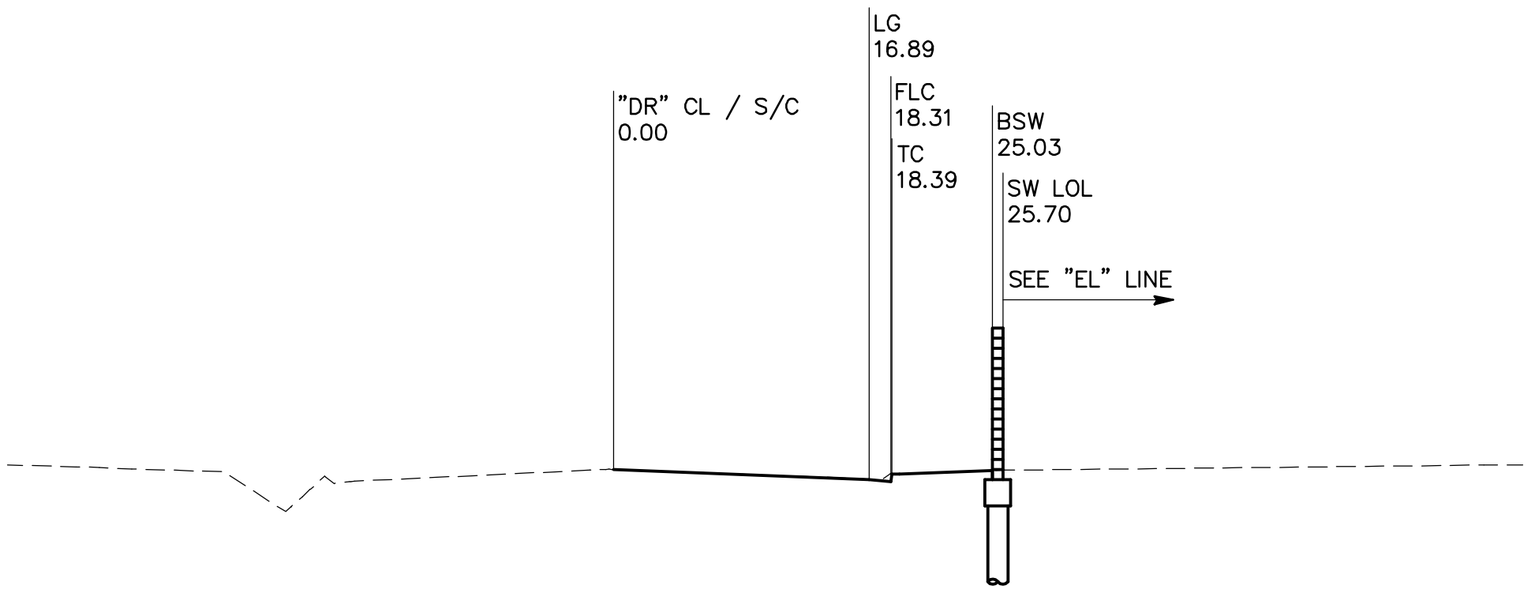
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"DR" LINE
STATION 103+00.00

	CL / S/C	LG	FLC	TC	BSW	SW LOL	SEE EL LINE
Elev	66.91	66.88	66.75	67.25	67.39		
Dist	0.00	16.73	18.15	18.23	25.02	25.69	
X-Slope		-0.16%			2.00%		

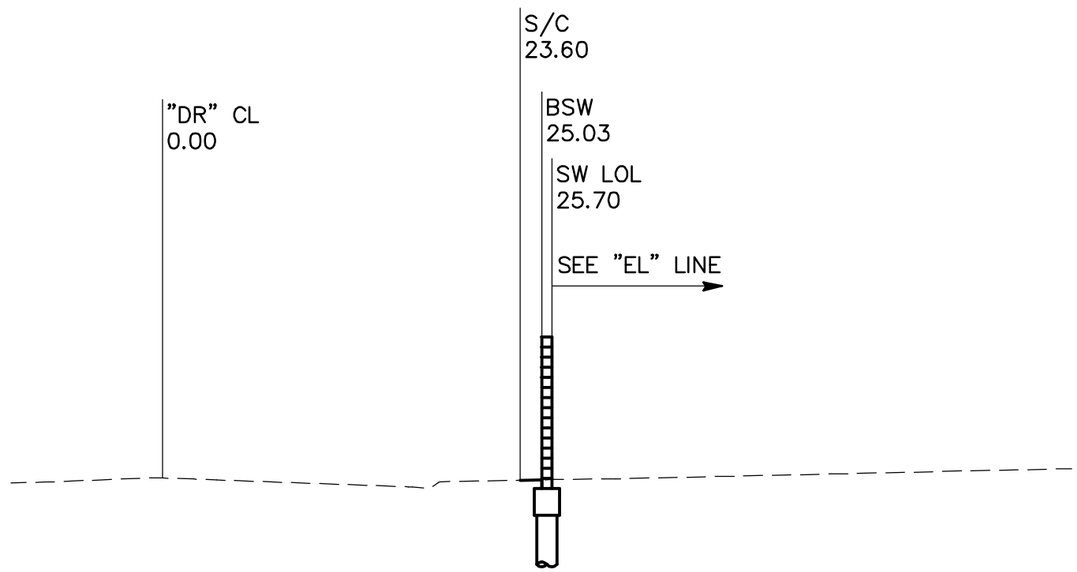
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"DR" LINE
STATION 103+50.00

	CL / S/C	LG	FLC	TC	BSW	SW LOL	SEE EL LINE
Elev	66.81	66.13	66.00	66.50	66.72		
Dist	0.00	16.89	18.31	18.39	25.03	25.70	
X-Slope		-4.00%			3.38%		

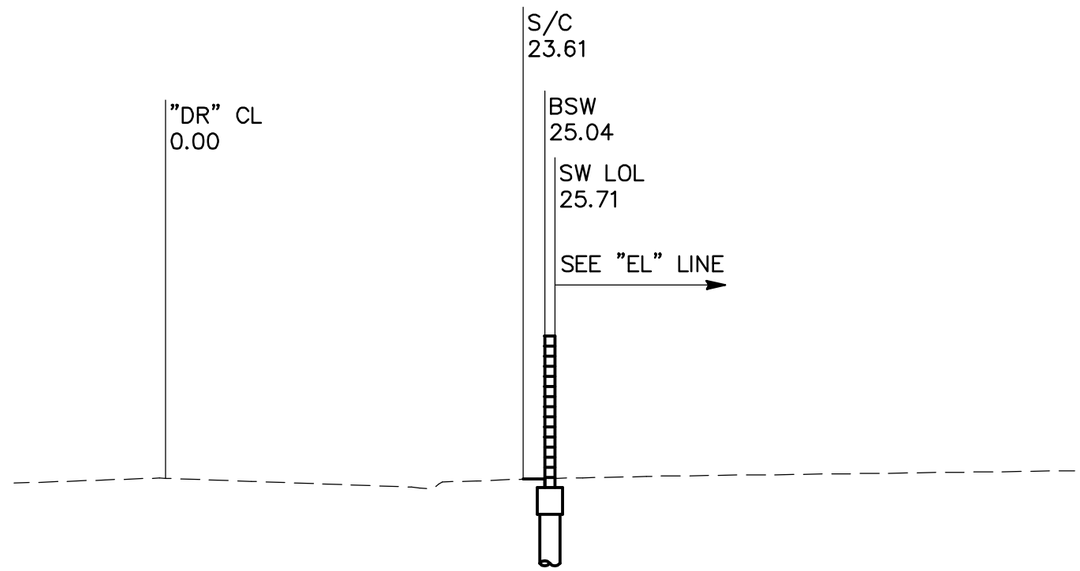
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"DR" LINE
STATION 104+00.00

	S/C	BSW	SW LOL	SEE EL LINE
Elev	66.31	66.34		
Dist	23.60	25.03	25.70	
X-Slope		1.96%		

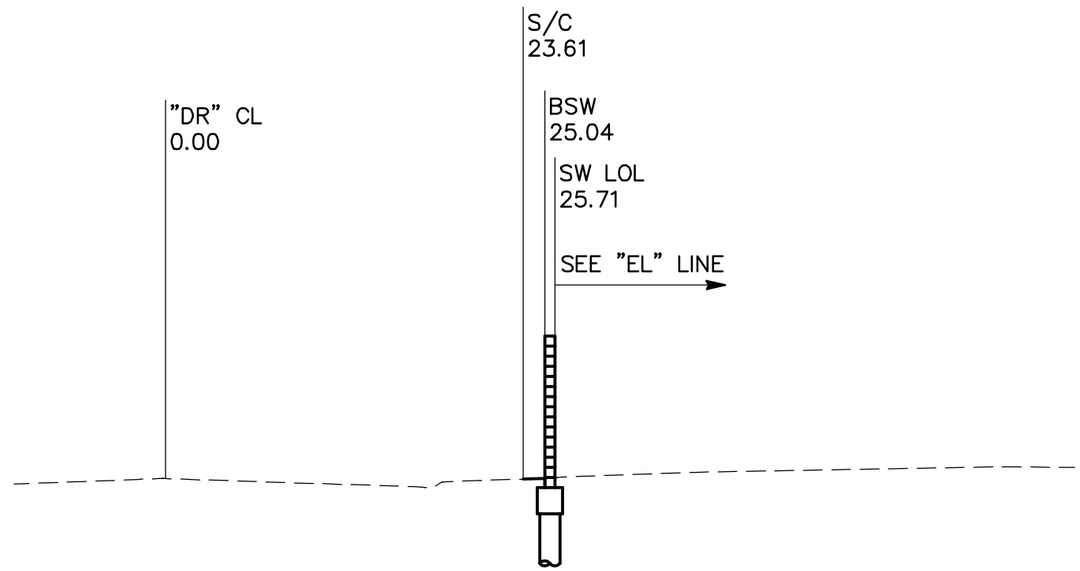
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"DR" LINE
STATION 104+50.00

	S/C	BSW	SW LOL	SEE EL LINE
Elev	66.05	66.08		
Dist	23.61	25.04	25.71	
X-Slope		2.03%		

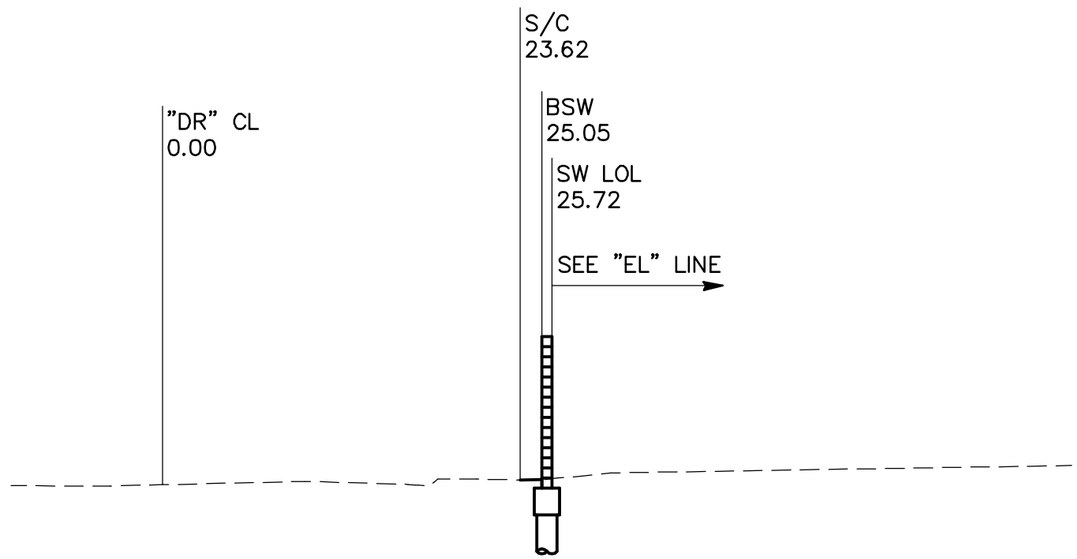
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"DR" LINE
STATION 105+00.00

	S/C	BSW	SW LOL	SEE EL LINE
Elev	65.86	65.88		
Dist	23.61	25.04	25.71	
X-Slope		2.03%		

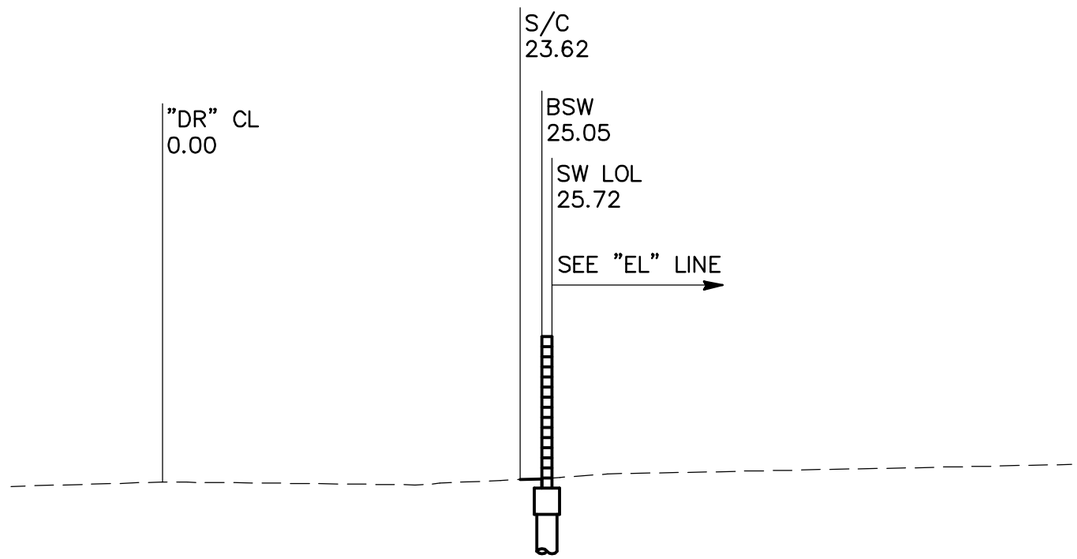
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"DR" LINE
STATION 105+50.00

	S/C	BSW	SW LOL	SEE EL LINE
Elev	65.54	65.57		
Dist	23.62	25.05	25.72	
X-Slope		1.96%		

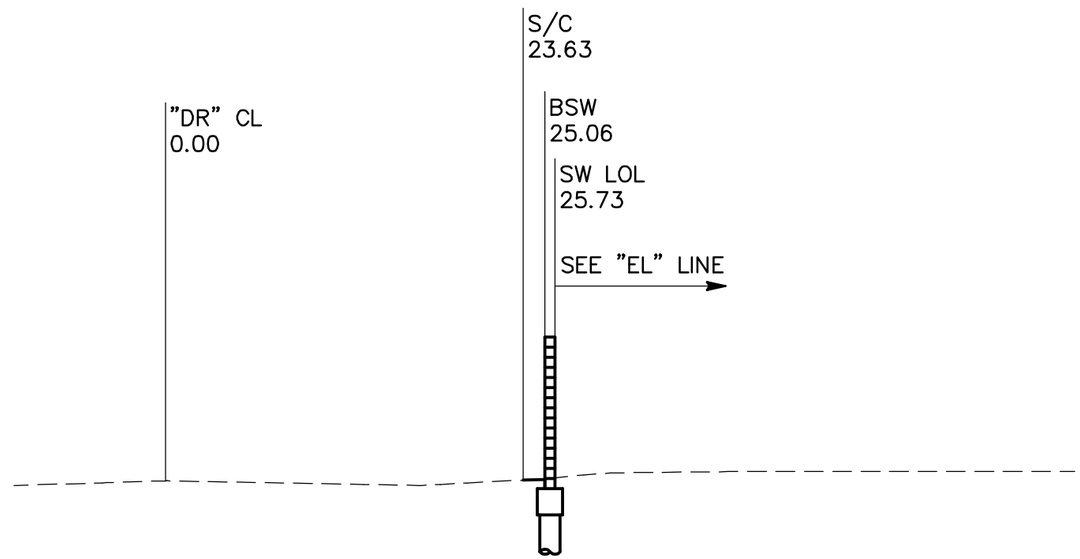
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"DR" LINE
STATION 106+00.00

	S/C	BSW	SW LOL	SEE EL LINE
Elev	65.63	65.66		
Dist	23.62	25.05	25.72	
X-Slope		2.03%		

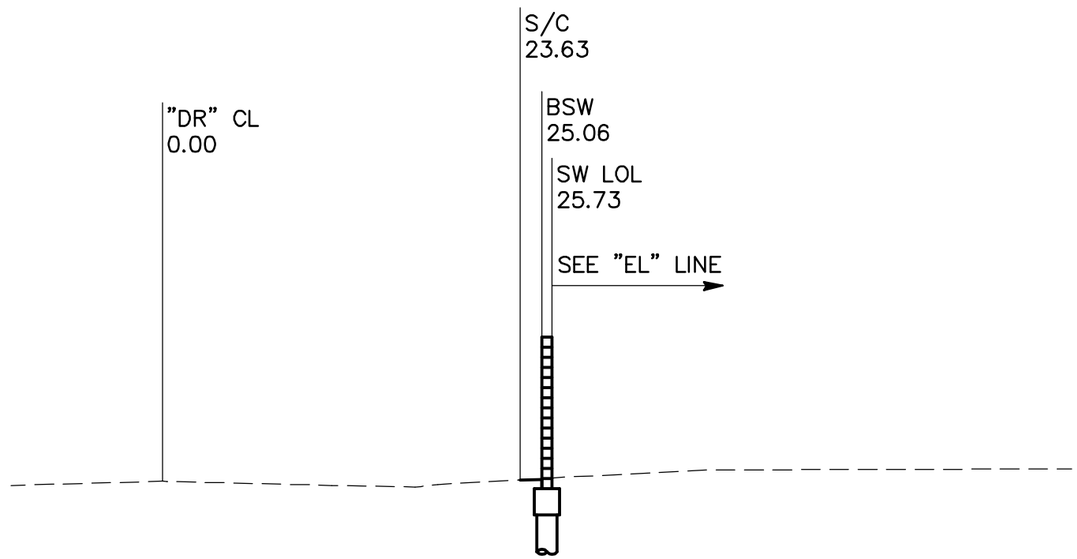
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"DR" LINE
STATION 106+50.00

	S/C	BSW	SW LOL	SEE EL LINE
Elev	65.53	65.55		
Dist	23.63	25.06	25.73	
X-Slope		1.96%		

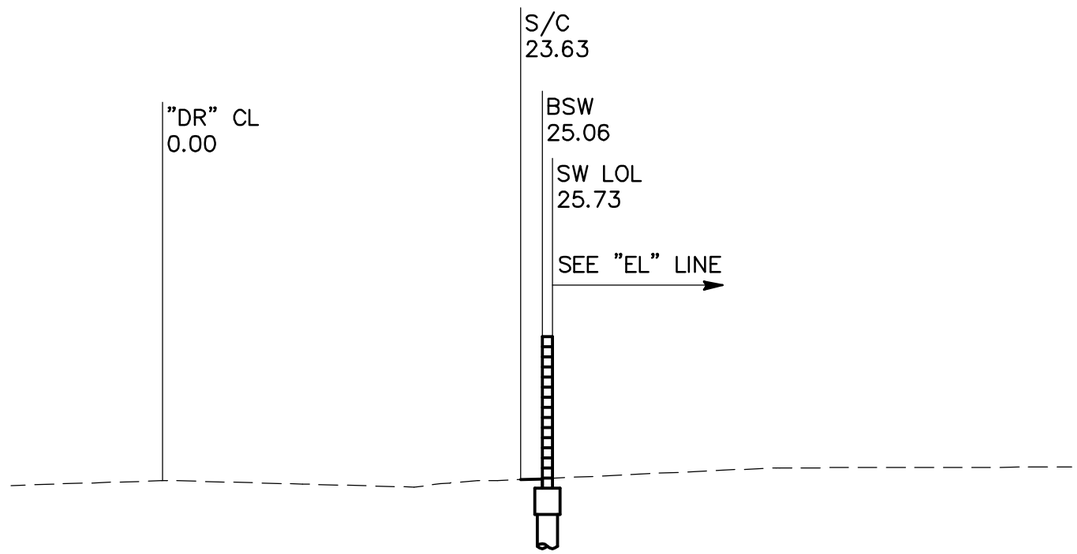
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"DR" LINE
STATION 107+00.00

	S/C	BSW	SW LOL	SEE EL LINE
Elev	65.34	65.37		
Dist	23.63	25.06	25.73	
X-Slope		1.96%		

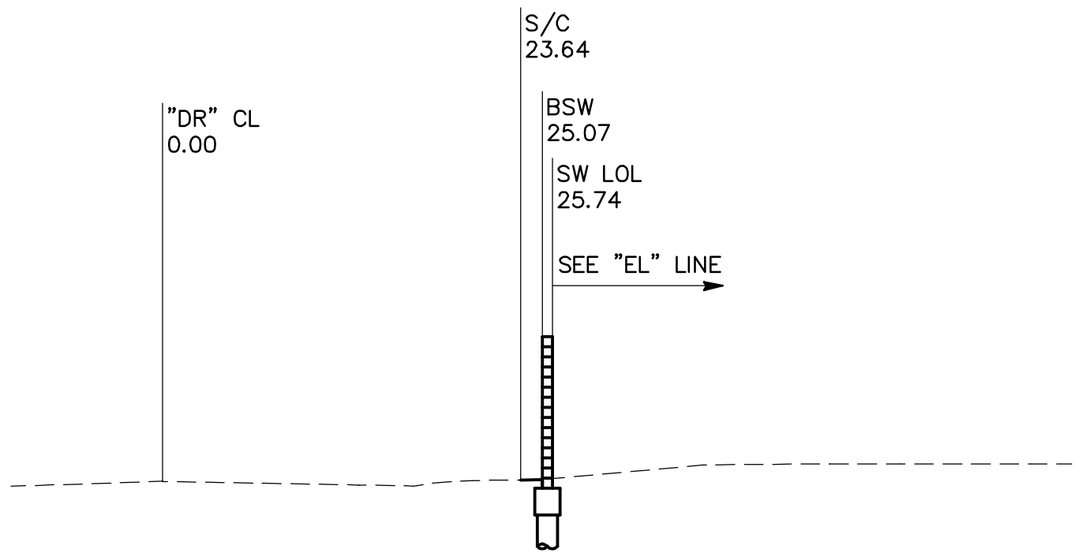
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"DR" LINE
STATION 107+50.00

	S/C	BSW	SW LOL	SEE EL LINE
Elev	65.17	65.20		
Dist	23.63	25.06	25.73	
X-Slope		2.03%		

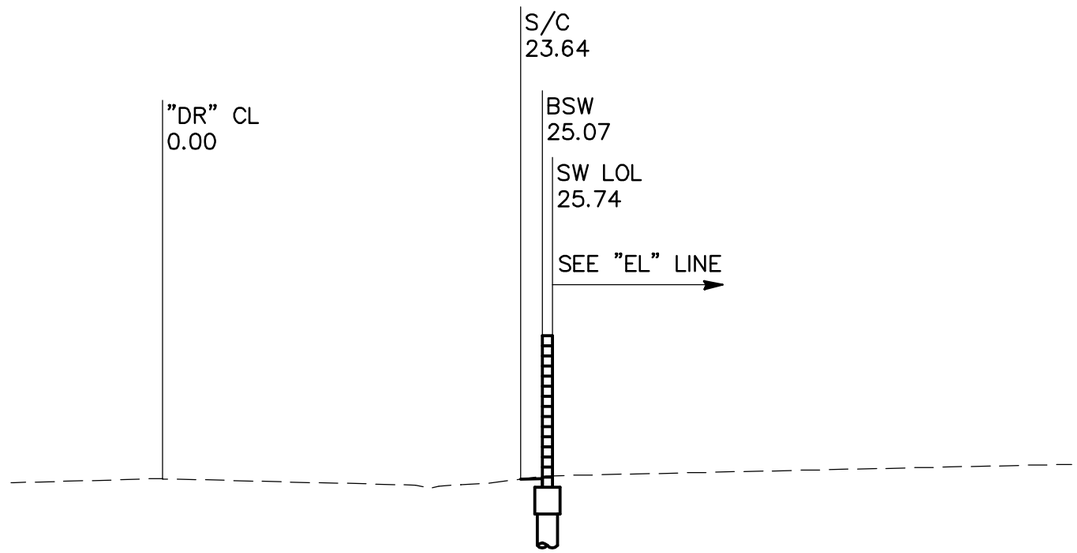
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"DR" LINE
STATION 108+00.00

	S/C	BSW	SW LOL	SEE EL LINE
Elev	65.01	65.04		
Dist	23.64	25.07	25.74	
X-Slope		2.03%		

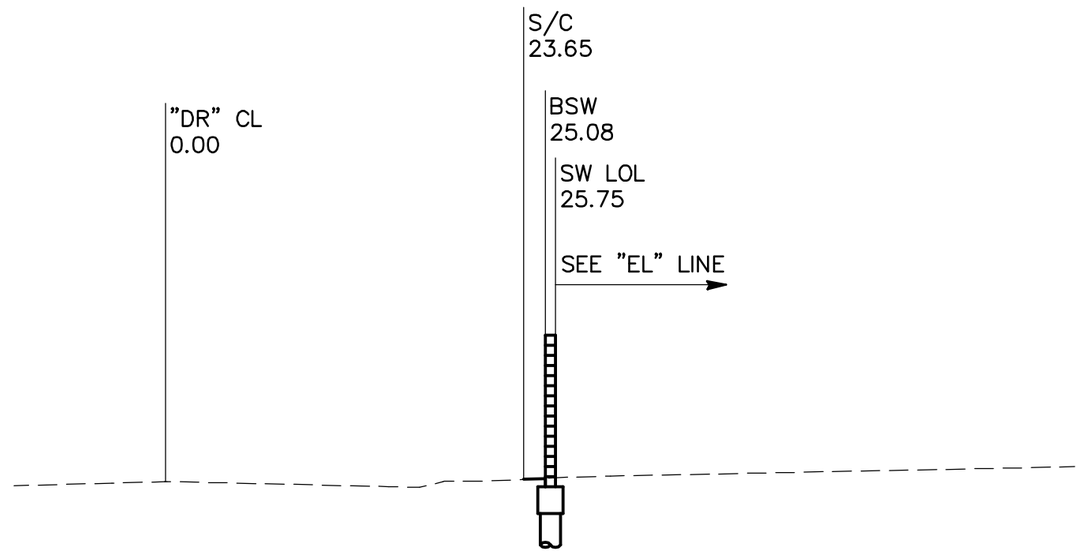
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"DR" LINE
STATION 108+50.00

	S/C	BSW	SW LOL	SEE EL LINE
Elev	64.68	64.71		
Dist	23.64	25.07	25.74	
X-Slope		1.96%		

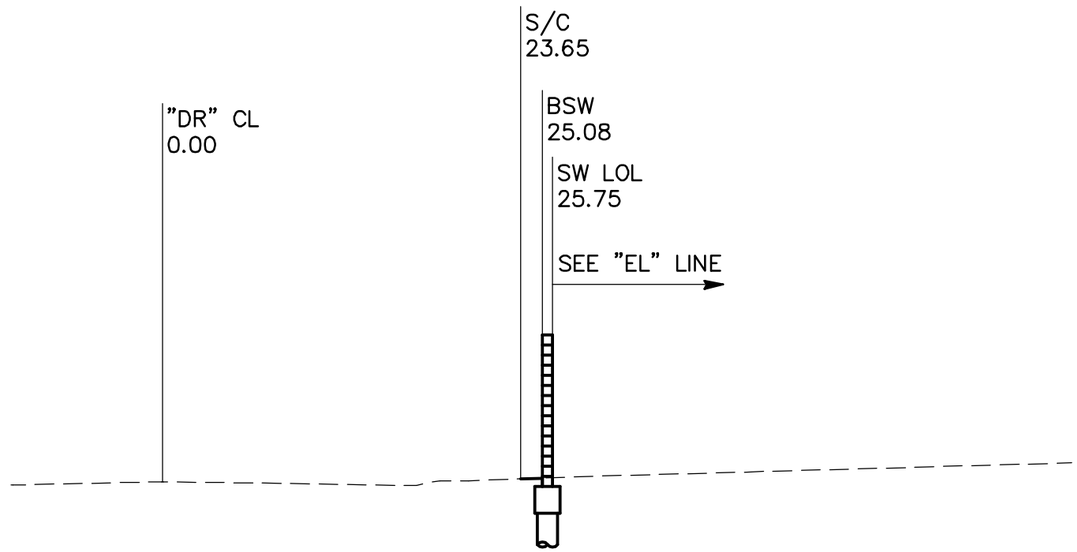
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"DR" LINE
STATION 109+00.00

	S/C	BSW	SW LOL	SEE EL LINE
Elev	64.66	64.69		
Dist	23.65	25.08	25.75	
X-Slope		1.96%		

FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"DR" LINE
STATION 109+50.00

	S/C	BSW	SW LOL	SEE EL LINE
Elev	64.54	64.57		
Dist	23.65	25.08	25.75	
X–Slope		2.03%		

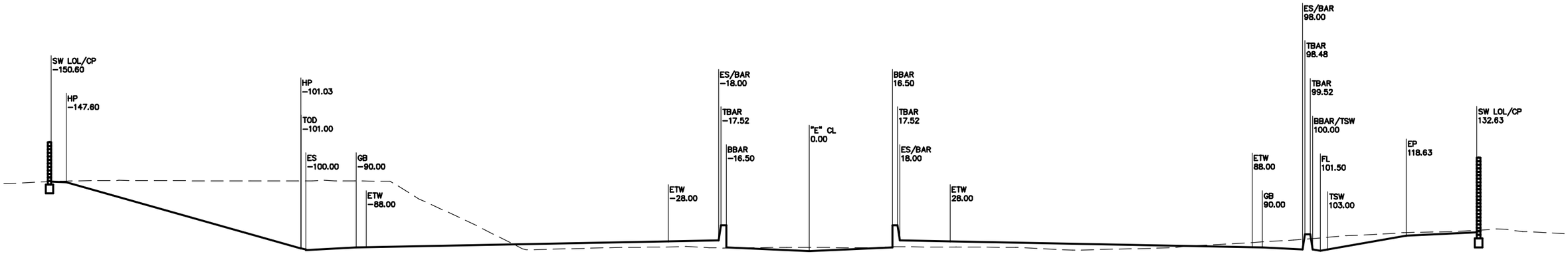
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1

CROSS SECTIONS

ROUTE 4 (EAST) WIDENING

SECTION IV

"E" LINE – (SHEET 1–32)



"E" LINE
STATION 136+00.00

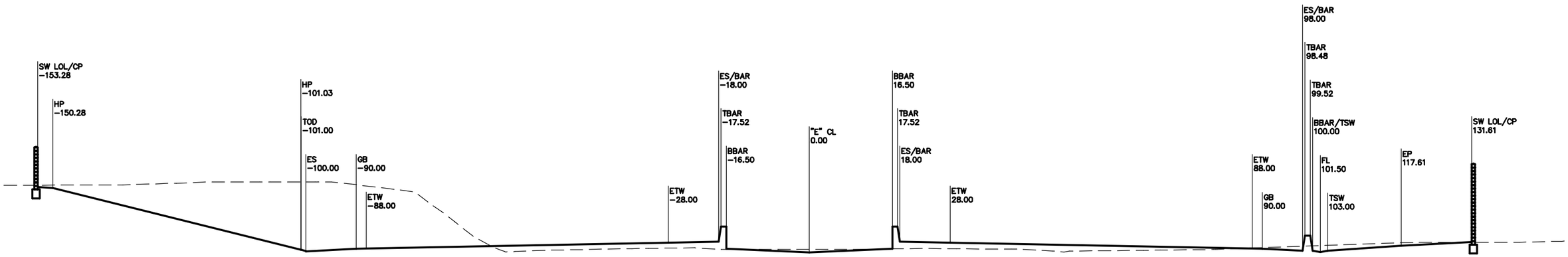
	SW LOL/CP	HP	HP	TOD	ES	GB	ETW	ETW	ES/BAR	TBAR	BBAR	"E" CL	BBAR	TBAR	ES/BAR	ETW	ETW	GB	ES/BAR	TBAR	TBAR	BBAR/TSW	FL	TSW	EP	SW LOL/CP
Elev	55.91	55.76	42.63	42.65	42.33	42.83	42.87	44.07	44.27	47.27	42.81	42.12	42.81	47.27	44.27	44.07	42.87	42.83	42.43	45.43	45.43	42.43	42.18	42.43	45.15	45.85
Dist	150.60	147.60	101.03	101.00	100.00	90.00	88.00	28.00	18.00	17.52	16.50	0.00	16.50	17.52	18.00	28.00	88.00	90.00	98.00	98.48	99.52	100.00	101.50	103.00	118.63	132.63
X-Slope	5.00%	28.19%			-5.00%	-2.00%	-2.00%	-2.00%			4.17%		4.17%			-2.00%	-2.00%	-2.00%	-5.00%						17.40%	5.00%

LEGEND:

(XX.XX) EXISTING GROUND ELEVATION

ABBREVIATIONS:

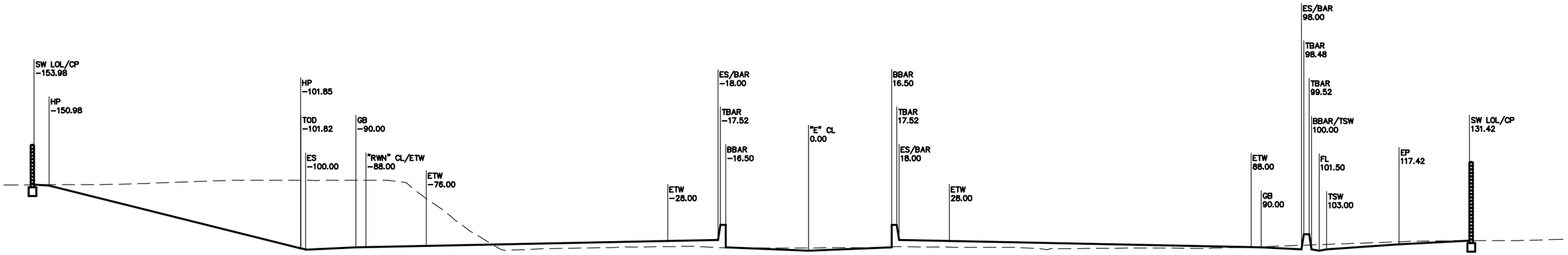
BAR – Barrier Face
BBAR – Back of Barrier
BSW – Back of Sidewalk
BWALL – Back of Wall
CL – Centerline
CP – Catch Point
EC – Edge of Concrete
EG – Edge of Gutter
EP – Edge of Pavement
ES – Edge of Shoulder
ETW – Edge of Traveled Way
FL – Paved or unpaved Flow Line
FLC – Flow Line Curb
FWALL – Face of Wall
GB – Grade Break
HP – Hinge Point
ML – Match Line
LG – Lip of Gutter
P – Pavement
PG – Profile Grade
R/W – Right of Way
RW LOL – Retaining Wall Layout Line
S/C – Saw Cut Line
SW LOL – Sound Wall Layout Line
TBAR – Top of Barrier
TC – Top of Curb
TDITCH – Top of Ditch
TE – Top of Embankment
TGT – Top of Gutter
TOD – Top of Dike
TSW – Top of Swale



"E" LINE
STATION 136+50.00

	SW LOL/CP	HP	HP	TOD	ES	GB	ETW	ETW	ES/BAR	TBAR	BBAR	"E" CL	BBAR	TBAR	ES/BAR	ETW	ETW	GB	ES/BAR	TBAR	TBAR	BBAR/TSW	FL	TSW	EP	SW LOL/CP
Elev	54.94	54.79	42.48	42.50	42.18	42.68	42.72	43.92	44.12	47.12	42.68	41.99	42.68	47.12	44.12	43.92	42.72	42.68	42.28	45.28	45.28	42.28	42.03	42.28	43.33	44.03
Dist	153.28	150.28	101.03	101.00	100.00	90.00	88.00	28.00	18.00	17.52	16.50	0.00	16.50	17.52	18.00	28.00	88.00	90.00	98.00	98.48	99.52	100.00	101.50	103.00	117.61	131.61
X-Slope	5.00%	25.00%			-5.00%	-2.00%	-2.00%	-2.00%			4.17%		4.17%			-2.00%	-2.00%	-2.00%	-5.00%						7.19%	5.00%

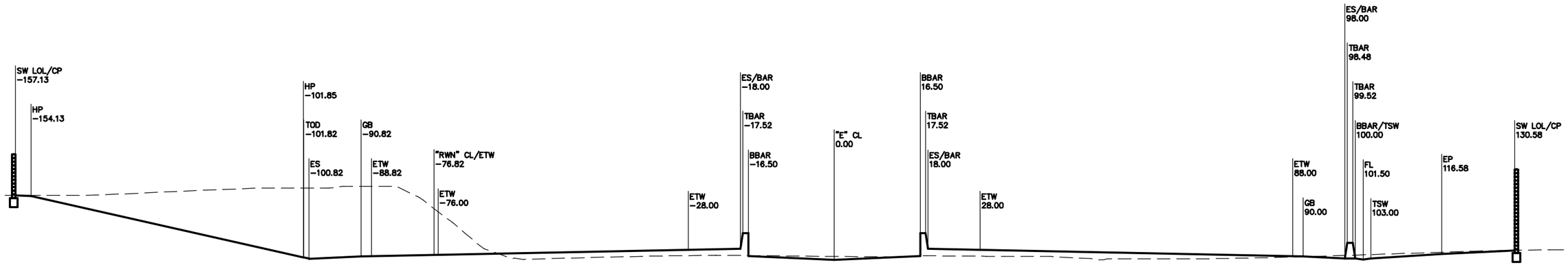
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"E" LINE
STATION 136+59.18

	SW LOL/CP	HP	HP	TOD	ES	GB	"RWN" CL/ETW	ETW	ETW	ES/BAR	TBAR	BBAR	"E" CL	BBAR	TBAR	ES/BAR	ETW	ETW	GB	ES/BAR	TBAR	TBAR	BBAR/TSW	FL	TSW	EP	SW LOL/CP
Elev	55.07	54.92	42.45	42.47	42.15	42.65	42.69	42.93	43.89	44.09	47.09	42.65	41.97	42.65	47.09	44.09	43.89	42.69	42.65	42.25	45.25	45.25	42.25	42.00	42.25	43.26	43.96
Dist	153.98	150.98	101.85	101.82	100.00	90.00	88.00	76.00	28.00	18.00	17.52	16.50	0.00	16.50	17.52	18.00	28.00	88.00	90.00	98.00	98.48	99.52	100.00	101.50	103.00	117.42	131.42
X-Slope	5.00%	25.39%			-5.00%	-2.00%	-2.00%	-2.00%	-2.00%			4.17%		4.17%			-2.00%	-2.00%	-2.00%	-5.00%						7.00%	5.00%

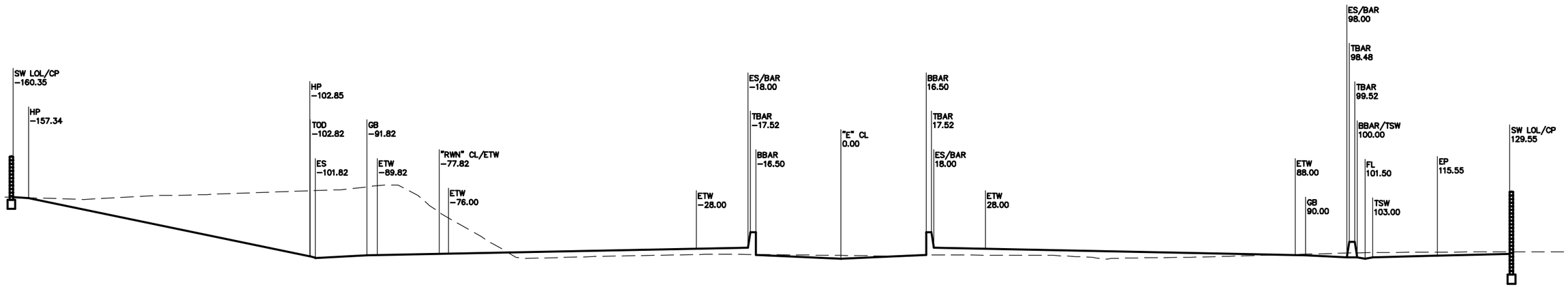
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"E" LINE
STATION 137+00.00

	SW LOL/CP	HP	HP	TOD	ES	GB	ETW	"RWN" CL/ETW	ETW	ETW	ES/BAR	TBAR	BBAR	"E" CL	BBAR	TBAR	ES/BAR	ETW	ETW	GB	ES/BAR	TBAR	TBAR	BBAR/TSW	FL	TSW	EP	SW LOL/CP
Elev	54.23	54.08	42.31	42.33	42.01	42.51	42.55	42.79	42.81	43.77	43.97	46.97	42.55	41.86	42.55	46.97	43.97	43.77	42.57	42.53	42.13	45.13	45.13	42.13	41.88	42.13	42.95	43.65
Dist	157.13	154.13	101.85	101.82	100.82	90.82	88.82	76.82	76.00	28.00	18.00	17.52	16.50	0.00	16.50	17.52	18.00	28.00	88.00	90.00	98.00	98.48	99.52	100.00	101.50	103.00	116.58	130.58
X-Slope	5.00%	22.51%			-5.00%	-2.00%	-2.00%	-2.00%	-2.00%	-2.00%			4.17%		4.17%			-2.00%	-1.99%	-2.00%	-5.00%						6.01%	5.00%

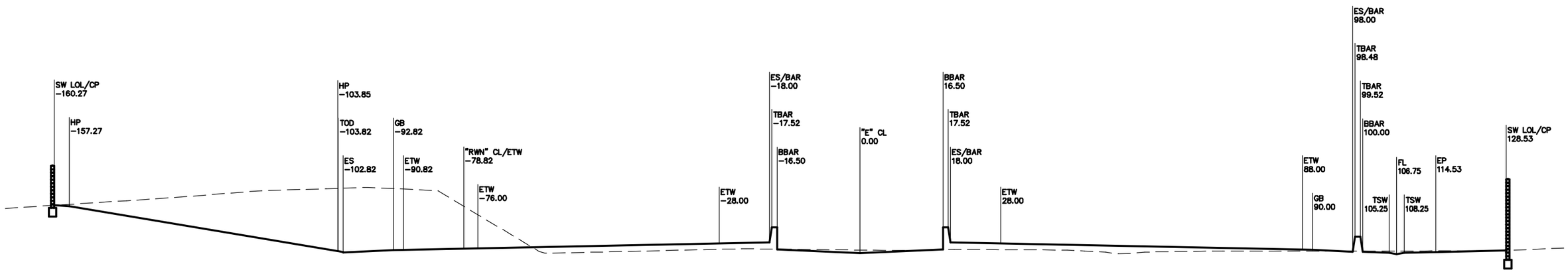
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"E" LINE
STATION 137+50.00

	SW LOL/CP	HP	HP	TOD	ES	GB	ETW	"RWN" CL/ETW	ETW	ETW	ES/BAR	TBAR	BBAR	"E" CL	BBAR	TBAR	ES/BAR	ETW	ETW	GB	ES/BAR	TBAR	TBAR	BBAR/TSW	FL	TSW	EP	SW LOL/CP
Elev	53.61	53.46	42.14	42.16	41.84	42.34	42.38	42.62	42.66	43.62	43.82	46.82	42.41	41.73	42.41	46.82	43.82	43.62	42.42	42.38	41.98	44.98	44.98	41.98	41.73	41.98	42.29	42.64
Dist	160.35	157.34	102.85	102.82	101.82	91.82	89.82	77.82	76.00	28.00	18.00	17.52	16.50	0.00	16.50	17.52	18.00	28.00	88.00	90.00	98.00	98.48	99.52	100.00	101.50	103.00	115.55	129.55
X-Slope	5.00%	20.78%			-5.00%	-2.00%	-2.00%	-2.00%	-2.00%	-2.00%			4.17%		4.17%			-2.00%	-2.00%	-2.00%	-5.00%						2.52%	2.49%

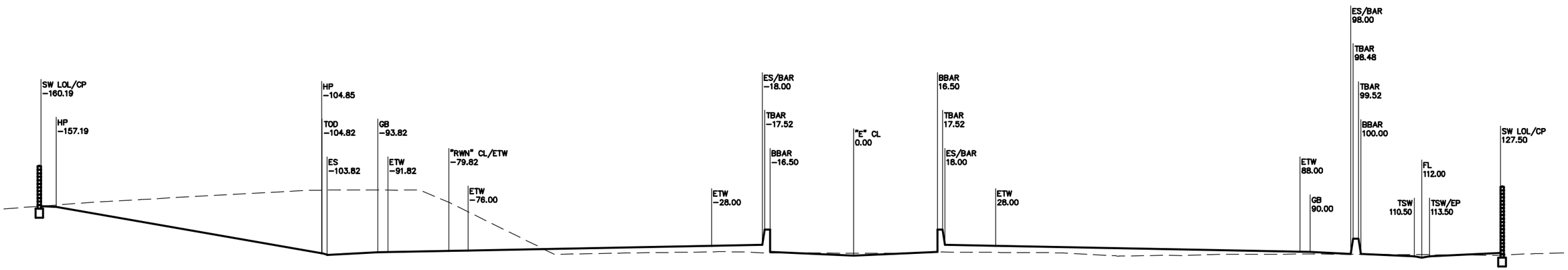
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"E" LINE
STATION 138+00.00

	SW LOL/CP	HP	HP	TOD	ES	GB	ETW	"RWN" CL/ETW	ETW	ETW	ES/BAR	TBAR	BBAR	"E" CL	BBAR	TBAR	ES/BAR	ETW	ETW	GB	ES/BAR	TBAR	TBAR	BBAR	TSW	FL	TSW	EP	SW LOL/CP
Elev	51.08	50.93	41.98	42.00	41.68	42.18	42.22	42.46	42.52	43.48	43.68	46.68	42.29	41.60	42.29	46.68	43.68	43.48	42.28	42.24	41.84	44.84	44.84	41.84	41.64	41.39	41.64	41.74	42.09
Dist	160.27	157.27	103.85	103.82	102.82	92.82	90.82	78.82	76.00	28.00	18.00	17.52	16.50	0.00	16.50	17.52	18.00	28.00	88.00	90.00	98.00	98.48	99.52	100.00	105.25	106.75	108.25	114.53	128.53
X-Slope	5.00%	16.76%			-5.00%	-2.00%	-2.00%	-2.00%	-2.01%	-1.96%			4.19%		4.19%			-1.96%	-2.01%	-2.00%	-5.00%							1.62%	2.49%

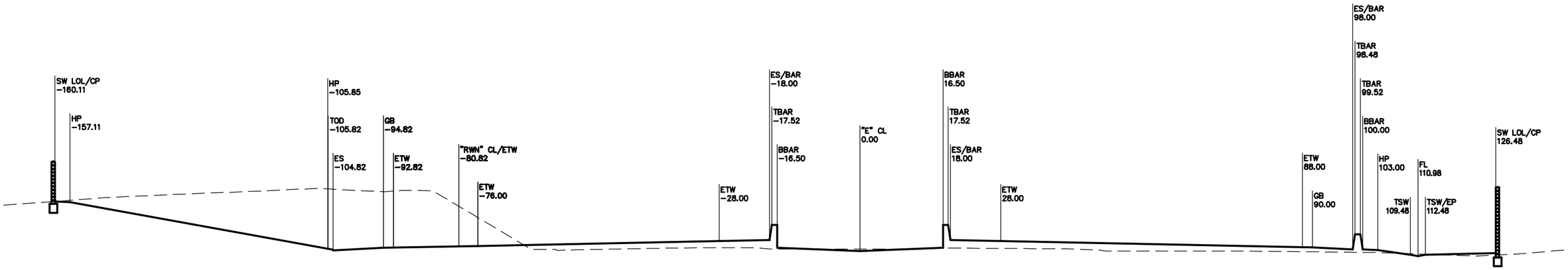
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"E" LINE
STATION 138+50.00

	SW LOL/CP	HP	HP	TOD	ES	GB	ETW	"RWN" CL/ETW	ETW	ETW	ES/BAR	TBAR	BBAR	"E" CL	BBAR	TBAR	ES/BAR	ETW	ETW	GB	ES/BAR	TBAR	TBAR	BBAR	TSW	FL	TSW/EP	SW LOL/CP
Elev	51.19	51.04	41.88	41.90	41.58	42.08	42.12	42.36	42.44	43.40	43.60	46.60	42.16	41.47	42.16	46.60	43.60	43.40	42.20	42.16	41.76	44.76	44.76	41.76	41.29	41.04	41.29	41.99
Dist	160.19	157.19	104.85	104.82	103.82	93.82	91.82	79.82	76.00	28.00	18.00	17.52	16.50	0.00	16.50	17.52	18.00	28.00	88.00	90.00	98.00	98.48	99.52	100.00	110.50	112.00	113.50	127.50
X-Slope	5.00%	17.49%			-5.00%	-2.00%	-2.00%	-2.00%	-2.00%	-2.00%			4.17%		4.17%			-2.00%	-2.00%	-2.00%	-5.00%				-4.48%			5.00%

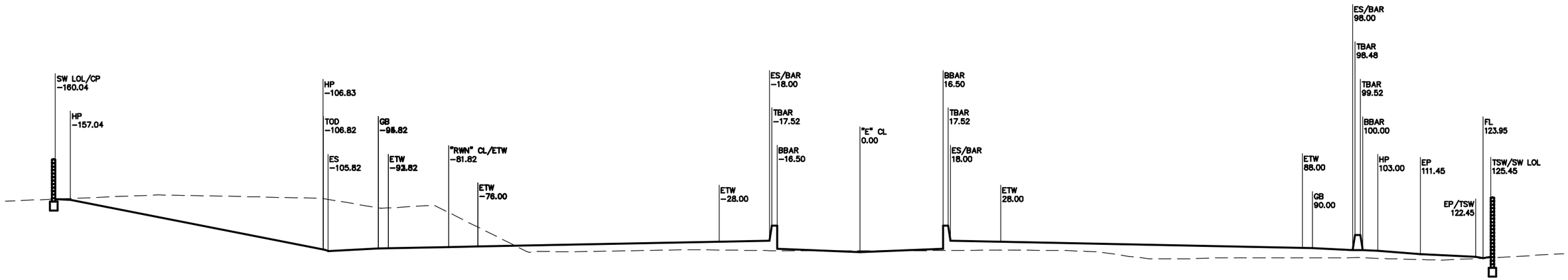
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"E" LINE
STATION 139+00.00

	SW LOL/CP	HP	HP	TOD	ES	GB	ETW	"RWN" CL/ETW	ETW	ETW	ES/BAR	TBAR	BBAR	"E" CL	BBAR	TBAR	ES/BAR	ETW	ETW	GB	ES/BAR	TBAR	TBAR	BBAR	HP	TSW	FL	TSW/EP	SW LOL/CP
Elev	51.25	51.10	41.83	41.85	41.53	42.03	42.07	42.31	42.40	43.36	43.56	46.56	42.04	41.35	42.04	46.56	43.56	43.36	42.16	42.12	41.72	44.72	44.72	41.72	41.57	40.64	41.57	40.64	41.00
Dist	160.11	157.11	105.85	105.82	104.82	94.82	92.82	80.82	76.00	28.00	18.00	17.52	16.50	0.00	16.50	17.52	18.00	28.00	88.00	90.00	98.00	98.48	99.52	100.00	103.00	109.48	110.98	112.48	126.48
X-Slope	5.00%	18.09%			-5.00%	-2.00%	-2.00%	-2.00%	-1.99%	-2.04%			4.17%		4.17%			-2.00%	-2.00%	-2.00%	-5.00%				-5.00%	-14.35%			2.57%

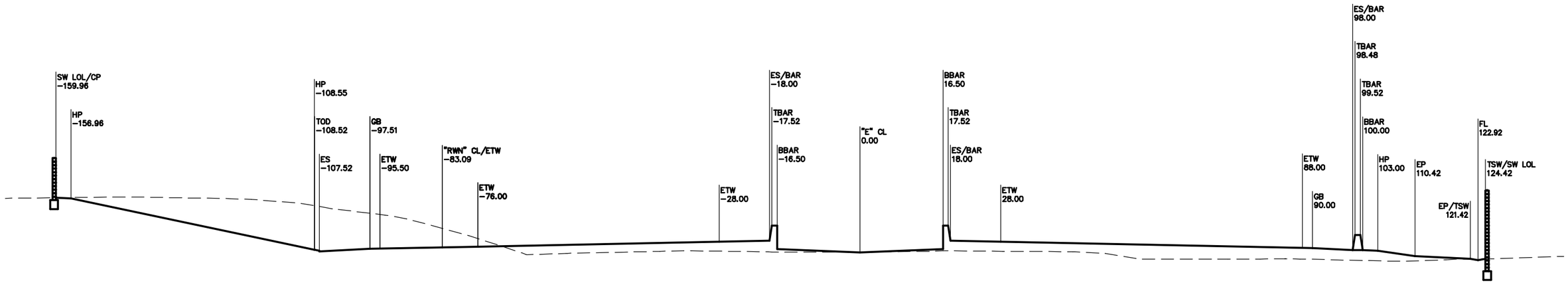
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"E" LINE
STATION 139+50.00

	SW LOL/CP	HP	HP	TOD	ES	GB	ETW	"RWN" CL/ETW	ETW	ETW	ES/BAR	TBAR	BBAR	"E" CL	BBAR	TBAR	ES/BAR	ETW	ETW	GB	ES/BAR	TBAR	TBAR	BBAR	HP	EP	EP/TSW	FL	TSW/SW LOL
Elev	51.85	51.70	41.81	41.84	41.51	42.01	42.05	42.29	42.41	43.37	43.57	46.57	41.99	41.30	41.99	46.57	43.57	43.37	42.17	42.13	41.73	44.73	44.73	41.73	41.58	40.93	40.38	40.13	40.38
Dist	160.04	157.04	106.83	106.82	105.82	95.82	93.82	81.82	76.00	28.00	18.00	17.52	16.50	0.00	16.50	17.52	18.00	28.00	88.00	90.00	98.00	98.48	98.52	100.00	103.00	111.45	122.45	123.95	125.45
X-Slope	5.00%	19.69%			-5.00%	-2.00%	-2.00%	-2.00%	-2.00%	-2.00%			4.17%		4.17%			-2.00%	-2.00%	-2.00%	-5.00%				-5.00%	-7.69%	-5.00%		

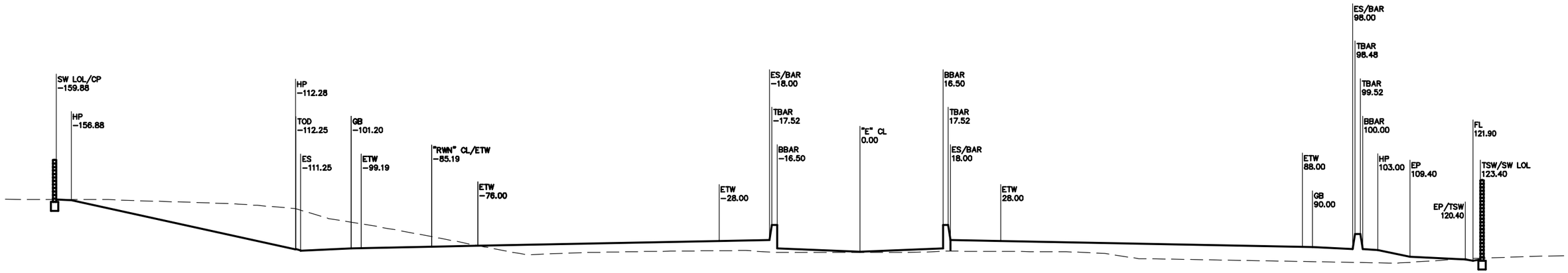
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"E" LINE
STATION 140+00.00

	SW LOL/CP	HP	HP	TOD	ES	GB	ETW	"RWN" CL/ETW	ETW	ETW	ES/BAR	TBAR	BBAR	"E" CL	BBAR	TBAR	ES/BAR	ETW	ETW	GB	ES/BAR	TBAR	TBAR	BBAR	HP	EP	EP/TSW	FL	TSW/SW LOL
Elev	52.18	52.03	41.83	41.85	41.53	42.03	42.07	42.32	42.46	43.42	43.62	46.42	42.00	41.31	42.00	46.42	43.62	43.42	42.22	42.18	41.78	44.78	44.78	41.78	41.63	40.56	40.01	39.76	40.01
Dist	159.96	156.96	108.55	108.52	107.52	97.51	95.50	83.09	76.00	28.00	18.00	17.52	16.50	0.00	16.50	17.52	18.00	28.00	88.00	90.00	98.00	98.48	98.52	100.00	103.00	110.42	121.42	122.92	124.42
X-Slope	5.00%	21.07%			-5.00%	-2.00%	-2.00%	-2.00%	-2.00%	-2.00%			4.17%		4.17%			-2.00%	-2.00%	-2.00%	-5.00%				-5.00%	-14.42%	-5.00%		

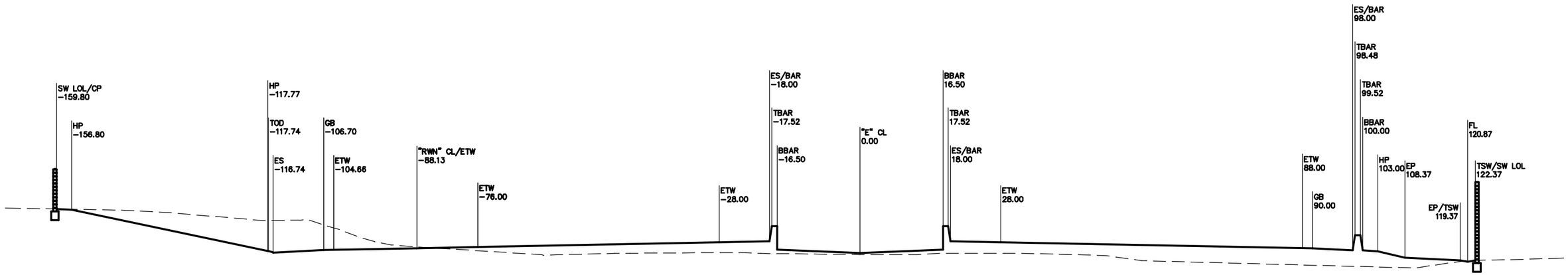
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"E" LINE
STATION 140+50.00

	SW LOL/CP	HP	HP	TOD	ES	GB	ETW	"RWN" CL/ETW	ETW	ETW	ES/BAR	TBAR	BBAR	"E" CL	BBAR	TBAR	ES/BAR	ETW	ETW	GB	ES/BAR	TBAR	TBAR	BBAR	HP	EP	EP/TSW	FL	TSW/SW LOL
Elev	51.78	51.63	41.85	41.87	41.55	42.06	42.10	42.38	42.56	43.52	43.72	46.72	42.07	41.38	42.07	46.72	43.72	43.52	42.32	42.28	41.88	44.88	44.88	41.88	41.73	40.38	39.83	39.58	39.83
Dist	159.88	156.88	112.28	112.25	111.25	101.20	99.19	85.19	76.00	28.00	18.00	17.52	16.50	0.00	16.50	17.52	18.00	28.00	88.00	90.00	98.00	98.48	98.52	100.00	103.00	109.40	120.40	121.90	123.40
X-Slope	5.00%	21.92%			-5.00%	-2.00%	-2.00%	-2.00%	-2.00%	-2.00%			4.17%		4.17%			-2.00%	-2.00%	-2.00%	-5.00%				-5.00%	-21.09%	-5.00%		

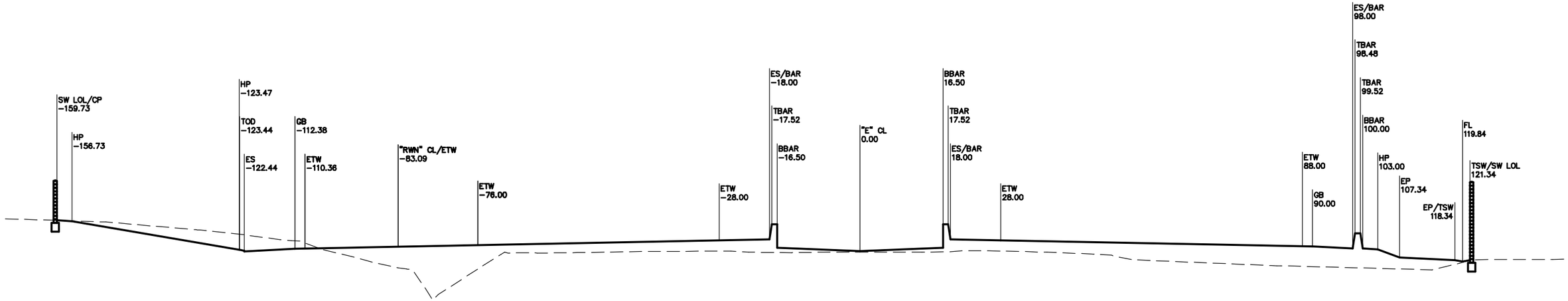
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"E" LINE
STATION 141+00.00

	SW LOL/CP	HP	HP	TOD	ES	GB	ETW	"RWN" CL/ETW	ETW	ETW	ES/BAR	TBAR	BBAR	"E" CL	BBAR	TBAR	ES/BAR	ETW	ETW	GB	ES/BAR	TBAR	TBAR	BBAR	HP	EP	EP/TSW	FL	TSW/SW LOL
Elev	50.27	50.12	41.88	41.90	41.58	42.09	42.13	42.46	42.70	43.66	43.86	46.86	42.20	41.51	42.20	46.86	43.86	43.66	42.46	42.42	42.02	45.02	45.02	42.02	41.87	40.59	40.04	39.79	40.04
Dist	159.80	156.80	117.77	117.74	116.74	106.70	104.66	88.13	76.00	28.00	18.00	17.52	16.50	0.00	16.50	17.52	18.00	28.00	88.00	90.00	98.00	98.48	98.52	100.00	103.00	108.37	119.37	120.87	122.37
X-Slope	5.00%	21.10%			-5.01%	-2.00%	-2.00%	-2.00%	-2.00%	-2.00%			4.17%		4.17%			-2.00%	-2.00%	-2.00%	-5.00%				-5.00%	-23.84%	-5.00%		

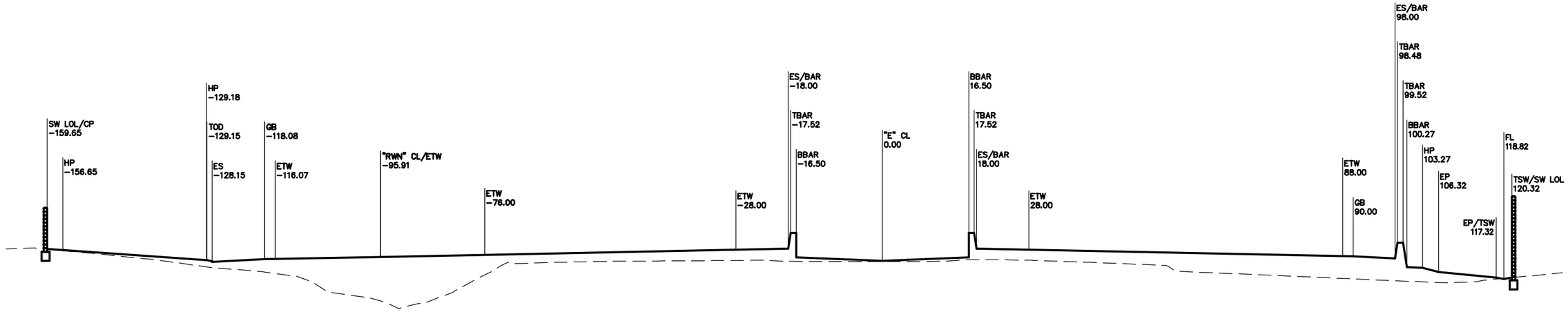
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"E" LINE
STATION 141+50.00

	SW LOL/CP	HP	HP	TOD	ES	GB	ETW	"RWN" CL/ETW	ETW	ETW	ES/BAR	TBAR	BBAR	"E" CL	BBAR	TBAR	ES/BAR	ETW	ETW	GB	ES/BAR	TBAR	TBAR	BBAR	HP	EP	EP/TSW	FL	TSW/SW LOL
Elev	47.81	47.66	41.97	41.99	41.67	42.17	42.21	42.58	42.90	43.86	44.06	47.06	42.40	41.71	42.40	47.06	44.06	43.86	42.66	42.62	42.22	45.22	45.22	42.22	42.07	40.44	39.89	39.64	39.89
Dist	159.73	156.73	123.47	123.44	122.44	112.38	110.36	91.89	76.00	28.00	18.00	17.52	16.50	0.00	16.50	17.52	18.00	28.00	88.00	90.00	98.00	98.48	98.52	100.00	103.00	107.34	118.34	119.84	121.34
X-Slope	5.00%	17.10%			-5.00%	-2.00%	-2.00%	-2.00%	-2.00%	-2.00%			4.17%		4.17%			-2.00%	-2.00%	-2.00%	-5.00%				-5.00%	-37.63%	-5.00%		

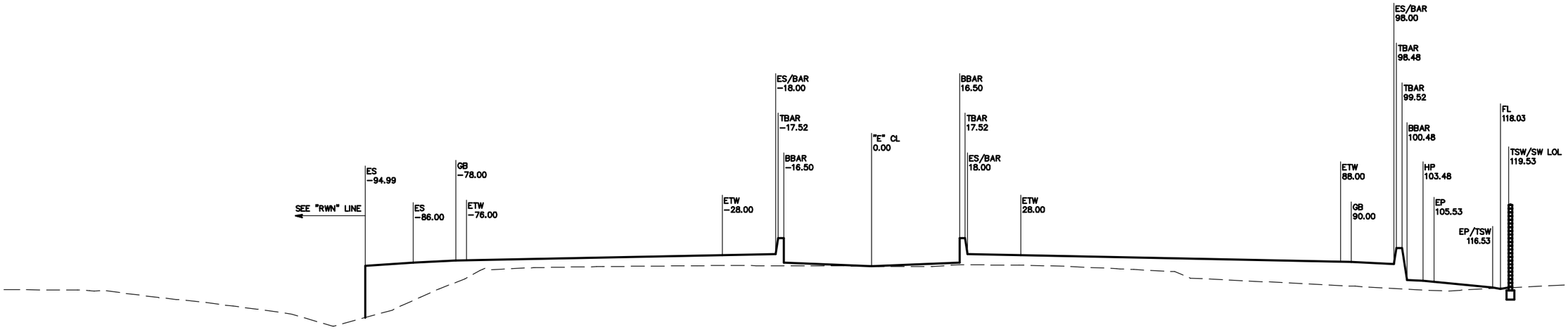
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"E" LINE
STATION 142+00.00

	SW LOL/CP	HP	HP	TOD	ES	GB	ETW	"RWN" CL/ETW	ETW	ETW	ES/BAR	TBAR	BBAR	"E" CL	BBAR	TBAR	ES/BAR	ETW	ETW	GB	ES/BAR	TBAR	TBAR	BBAR	HP	EP	EP/TSW	FL	TSW/SW LOL
Elev	44.21	44.06	42.09	42.11	41.79	42.29	42.33	42.74	43.14	44.10	44.30	47.30	42.66	41.97	42.66	47.30	44.30	44.10	42.90	42.86	42.46	45.46	45.46	40.76	40.61	39.85	38.75	38.50	38.75
Dist	159.65	156.65	129.18	129.15	128.15	118.08	116.07	95.91	76.00	28.00	18.00	17.52	16.50	0.00	16.50	17.52	18.00	28.00	88.00	90.00	98.00	98.48	98.52	100.27	103.27	106.32	117.32	118.82	120.32
X-Slope	5.00%	7.15%			-5.00%	-2.00%	-2.00%	-2.00%	-2.00%	-2.00%			4.17%		4.17%			-2.00%	-2.00%	-2.00%	-5.00%				-5.00%	-24.84%	-10.00%		

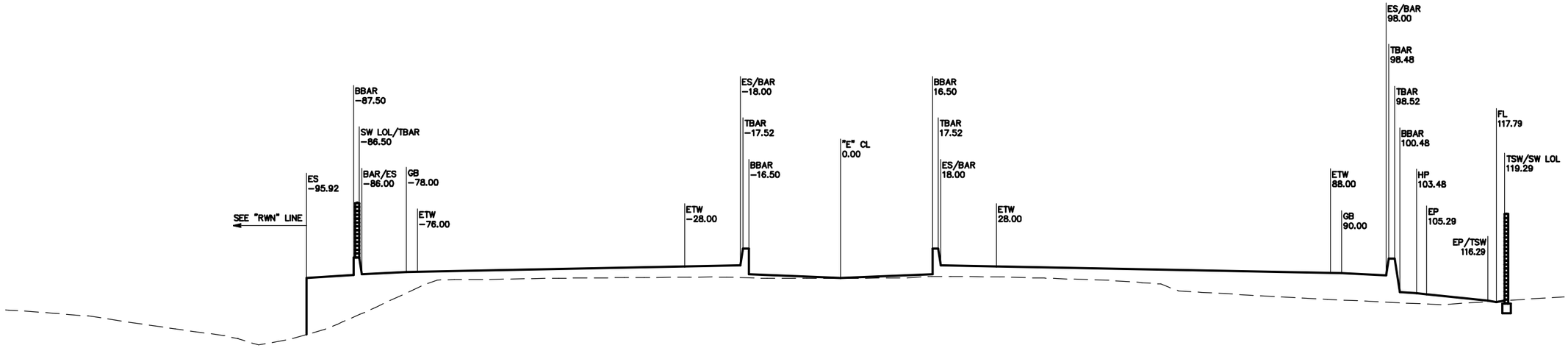
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"E" LINE
STATION 142+38.41

SEE "RWN" LINE	ES	ES	GB	ETW	ETW	ES/BAR	TBAR	BBAR	"E" CL	BBAR	TBAR	ES/BAR	ETW	ETW	GB	ES/BAR	TBAR	TBAR	BBAR	HP	EP	EP/TSW	FL	TSW/SW LOL
Elev	42.28	42.91	43.31	43.35	44.31	44.51	47.51	42.90	42.22	42.90	47.51	44.51	44.31	43.11	43.07	42.67	45.67	45.67	39.67	39.52	39.32	38.22	37.97	38.22
Dist	94.99	86.00	78.00	76.00	28.00	18.00	17.52	16.50	0.00	16.50	17.52	18.00	28.00	88.00	90.00	98.00	98.48	98.52	100.48	103.48	105.53	116.53	118.03	119.53
X-Slope	-7.01%	-5.00%	-2.00%	-2.00%	-2.00%			4.17%		4.17%			-2.00%	-2.00%	-2.00%	-5.00%				-5.00%	-9.76%	-10.00%		

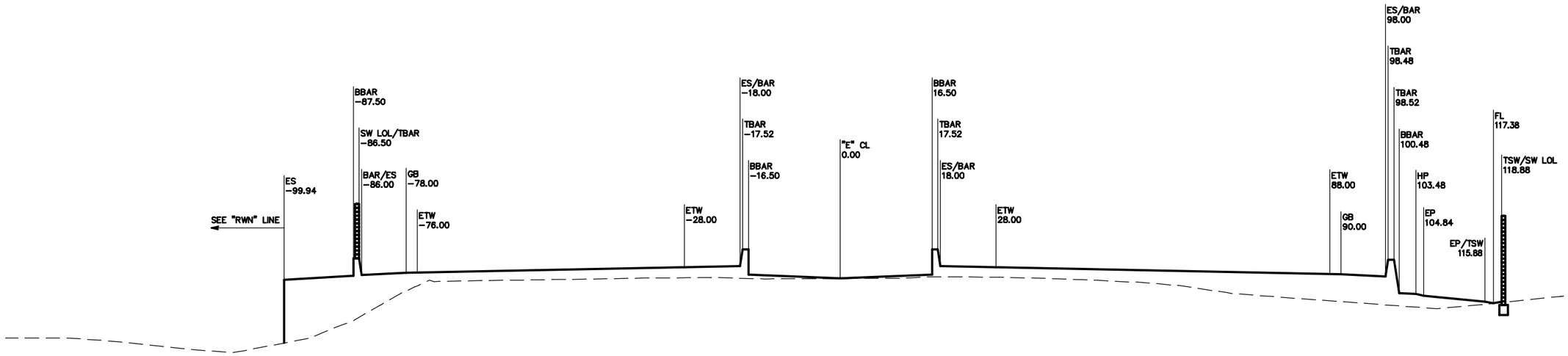
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"E" LINE
STATION 142+50.00

SEE "RWN" LINE	ES	BBAR	SW LOL/TBAR	BAR/ES	GB	ETW	ETW	ES/BAR	TBAR	BBAR	"E" CL	BBAR	TBAR	ES/BAR	ETW	ETW	GB	ES/BAR	TBAR	TBAR	BBAR	HP	EP	EP/TSW	FL	TSW/SW LOL
Elev	42.31	42.83	45.98	42.98	43.38	43.42	44.38	44.58	47.58	42.99	42.30	42.99	47.58	44.58	44.38	43.18	43.14	42.74	45.74	45.74	39.74	39.59	39.35	38.25	38.00	38.25
Dist	95.92	87.50	86.50	86.00	78.00	76.00	28.00	18.00	17.52	16.50	0.00	16.50	17.52	18.00	28.00	88.00	90.00	98.00	98.48	98.52	100.48	103.48	105.29	116.29	117.79	119.29
X-Slope	-6.18%			-5.00%	-2.00%	-2.00%	-2.00%			4.17%		4.17%			-2.00%	-2.00%	-2.00%	-5.00%				-5.00%	-13.26%	-10.00%		

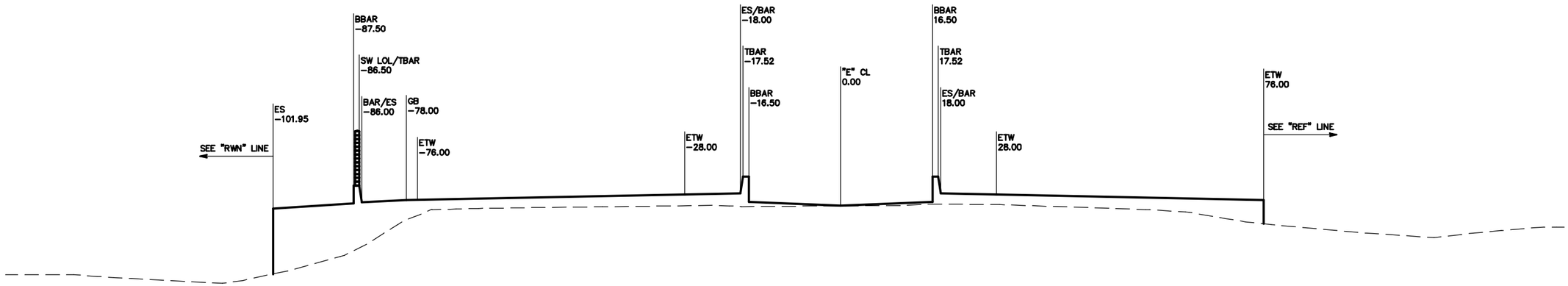
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"E" LINE
STATION 143+00.00

SEE "RWN" LINE	ES	BBAR	SW LOL/TBAR	BAR/ES	GB	ETW	ETW	ES/BAR	TBAR	BBAR	"E" CL	BBAR	TBAR	ES/BAR	ETW	ETW	GB	ES/BAR	TBAR	TBAR	BBAR	HP	EP	EP/TSW	FL	TSW/SW LOL
Elev	42.41	43.16	46.31	43.31	43.71	43.75	44.71	44.91	47.91	43.37	42.69	43.37	47.91	44.91	44.71	43.51	43.47	43.07	46.07	46.07	40.07	39.92	39.58	38.48	38.23	38.48
Dist	99.94	87.50	86.50	86.00	78.00	76.00	28.00	18.00	17.52	16.50	0.00	16.50	17.52	18.00	28.00	88.00	90.00	98.00	98.48	98.52	100.48	103.48	104.84	115.88	117.38	118.88
X-Slope	-6.02%			-5.00%	-2.00%	-2.00%	-2.00%			4.17%		4.17%			-2.00%	-2.00%	-2.00%	-5.00%				-5.00%	-24.71%	-10.00%		

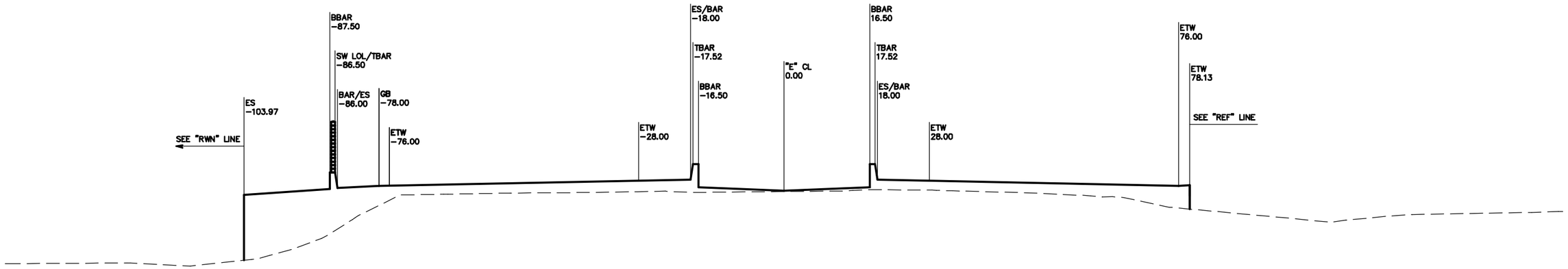
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"E" LINE
STATION 143+24.97

SEE "RWN" LINE	ES	BBAR	SW LOL/TBAR	BAR/ES	GB	ETW	ETW	ES/BAR	TBAR	BBAR	"E" CL	BBAR	TBAR	ES/BAR	ETW	ETW	SEE "REF" LINE
Elev	42.40	43.33	46.49	43.49	43.89	43.93	44.89	45.09	48.09	43.59	42.90	43.59	48.09	45.09	44.89	43.93	
Dist	101.95	87.50	86.50	86.00	78.00	76.00	28.00	18.00	17.52	16.50	0.00	16.50	17.52	18.00	28.00	76.00	
X-Slope	-6.46%			-5.00%	-2.00%	-2.00%	-2.00%			4.17%		4.17%			-2.00%	-2.00%	

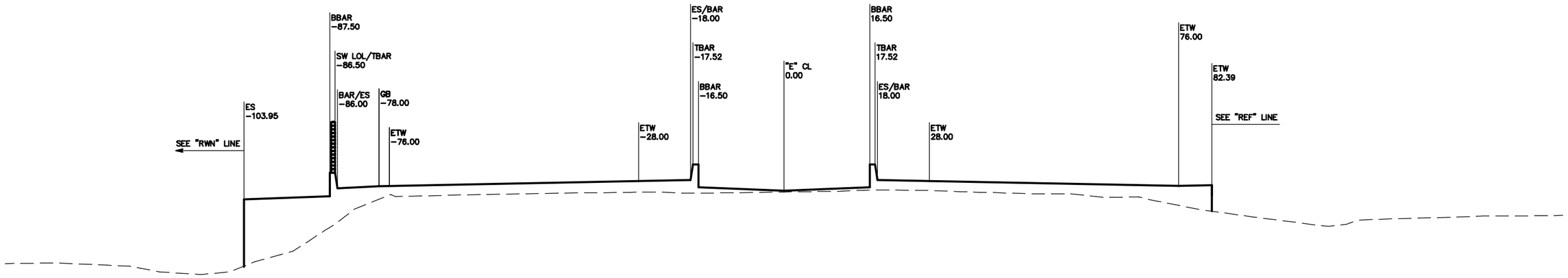
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"E" LINE
STATION 143+50.00

SEE "RWN" LINE	ES	BBAR	SW LOL/TBAR	BAR/ES	GB	ETW	ETW	ES/BAR	TBAR	BBAR	"E" CL	BBAR	TBAR	ES/BAR	ETW	ETW	ETW	SEE "REF" LINE
Elev	42.36	43.52	46.69	43.69	44.09	44.13	45.09	45.29	48.29	43.83	43.14	43.83	48.29	45.29	45.09	44.13	44.21	
Dist	103.97	87.50	86.50	86.00	78.00	76.00	28.00	18.00	17.52	16.50	0.00	16.50	17.52	18.00	28.00	76.00	78.13	
X-Slope	-7.07%			-5.00%	-2.00%	-2.00%	-2.00%			4.17%		4.17%			-2.00%	-2.00%	3.75%	

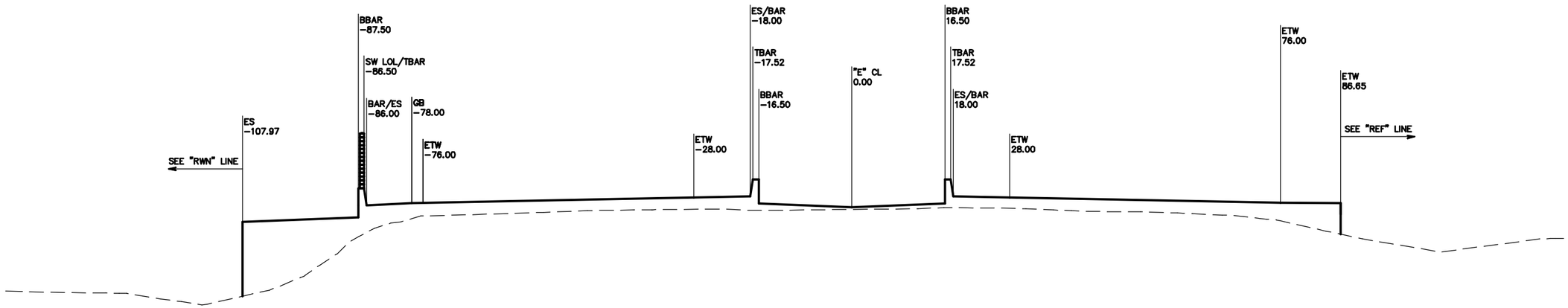
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"E" LINE
STATION 144+00.00

SEE "RWN" LINE	HP	BBAR	SW LOL/TBAR	BAR/ES	GB	ETW	ETW	ES/BAR	TBAR	BBAR	"E" CL	BBAR	TBAR	ES/BAR	ETW	ETW	ETW	SEE "REF" LINE
Elev	41.99	42.54	47.11	44.11	44.51	44.55	45.51	45.71	48.71	44.34	43.65	44.34	48.71	45.71	45.51	44.55	44.70	
Dist	103.95	87.50	86.50	86.00	78.00	76.00	28.00	18.00	17.52	16.50	0.00	16.50	17.52	18.00	28.00	76.00	82.39	
X-Slope	-3.37%			-5.00%	-2.00%	-2.00%	-2.00%			4.17%		4.17%			-2.00%	-2.00%	2.35%	

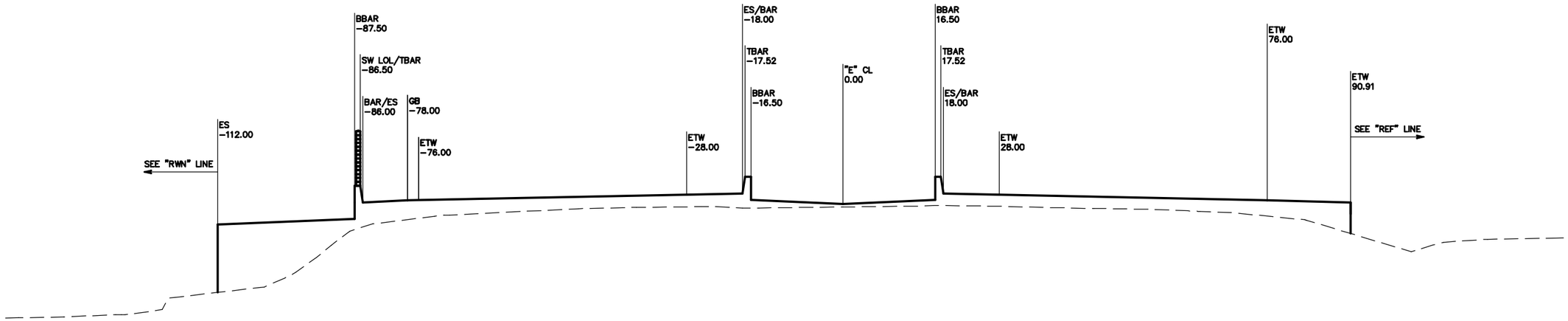
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"E" LINE
STATION 144+50.00

SEE "RWN" LINE	HP	BBAR	SW LOL/TBAR	BAR/ES	GB	ETW	ETW	ES/BAR	TBAR	BBAR	"E" CL	BBAR	TBAR	ES/BAR	ETW	ETW	ETW	SEE "REF" LINE
Elev	41.65	42.42	47.59	44.59	44.99	45.03	45.99	46.19	49.19	44.92	44.23	44.92	49.19	46.19	45.99	45.03	45.00	
Dist	107.97	87.50	86.50	86.00	78.00	76.00	28.00	18.00	17.52	16.50	0.00	16.50	17.52	18.00	28.00	76.00	86.65	
X-Slope	-3.74%			-5.00%	-2.00%	-2.00%	-2.00%			4.17%		4.17%			-2.00%	-2.00%	-0.28%	

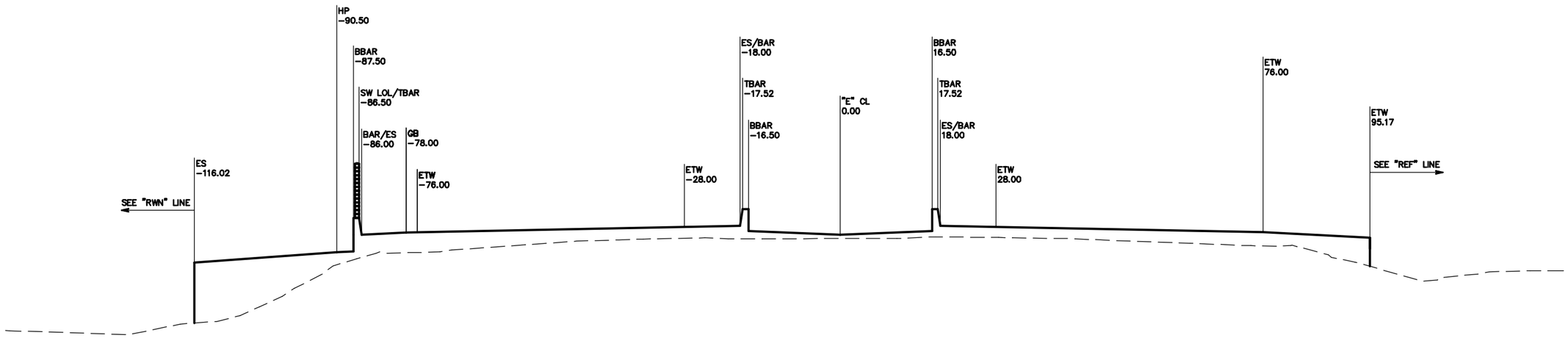
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"E" LINE
STATION 145+00.00

SEE "RWN" LINE	HP	BBAR	SW LOL/TBAR	BAR/ES	GB	ETW	ETW	ES/BAR	TBAR	BBAR	"E" CL	BBAR	TBAR	ES/BAR	ETW	ETW	ETW	SEE "REF" LINE
Elev	41.20	42.15	48.09	45.09	45.49	45.53	46.49	46.69	49.69	45.56	44.87	45.56	49.69	46.69	46.49	45.53	45.12	
Dist	112.00	87.50	86.50	86.00	78.00	76.00	28.00	18.00	17.52	16.50	0.00	16.50	17.52	18.00	28.00	76.00	90.91	
X-Slope	-3.86%			-5.00%	-2.00%	-2.00%	-2.00%			4.17%		4.17%			-2.00%	-2.00%	-2.75%	

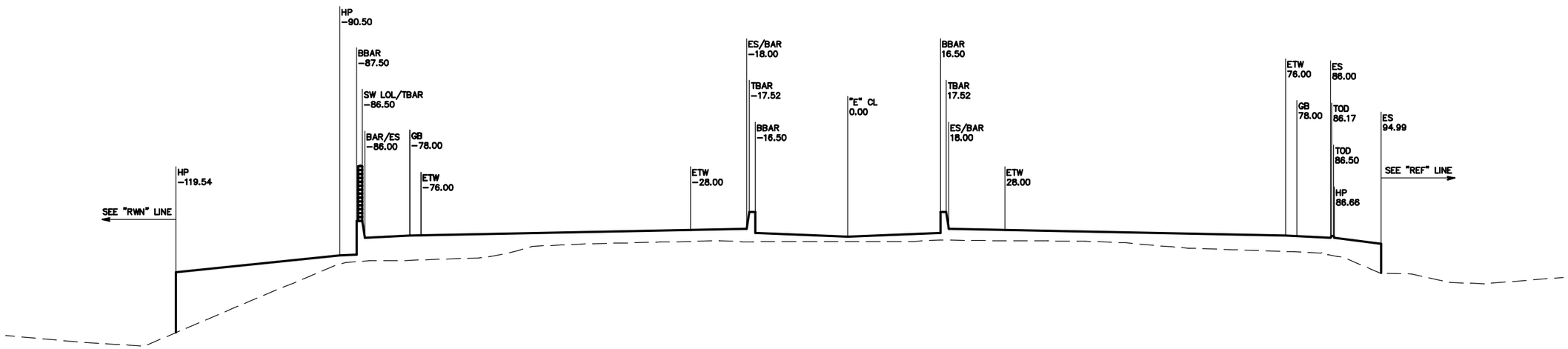
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"E" LINE
STATION 145+50.00

SEE "RWN" LINE	HP	HP	BBAR	SW LOL/TBAR	BAR/ES	GB	ETW	ETW	ES/BAR	TBAR	BBAR	"E" CL	BBAR	TBAR	ES/BAR	ETW	ETW	ETW	SEE "REF" LINE
Elev	40.59	42.44	42.59	48.59	45.59	45.99	46.03	46.99	47.19	50.19	46.26	45.57	46.26	50.19	47.19	46.99	46.03	45.06	
Dist	116.02	90.50	87.50	86.50	86.00	78.00	76.00	28.00	18.00	17.52	16.50	0.00	16.50	17.52	18.00	28.00	76.00	95.17	
X-Slope	-7.25%	-5.00%			-5.00%	-2.00%	-2.00%	-2.00%			4.17%		4.17%			-2.00%	-2.00%	-5.06%	

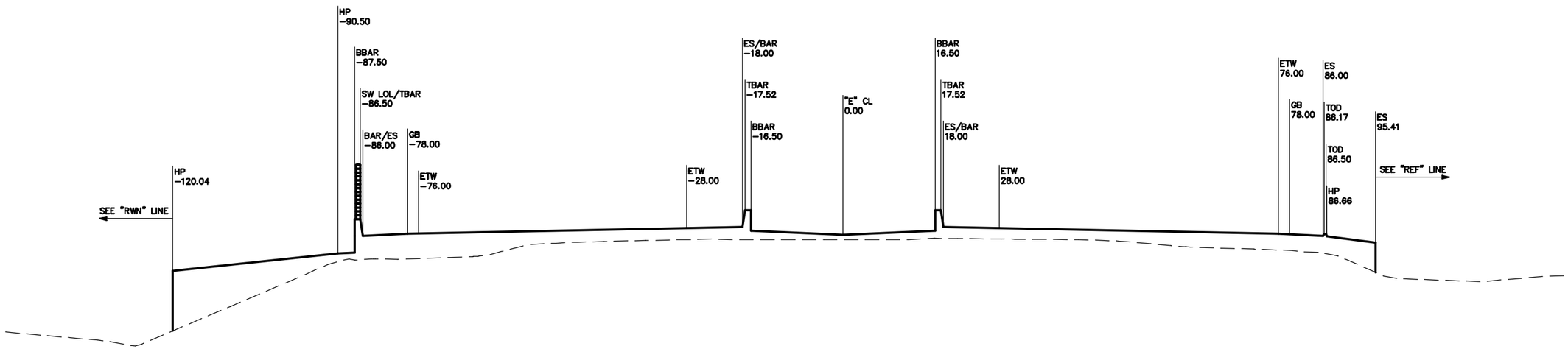
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"E" LINE
STATION 145+94.97

SEE "RWN" LINE	HP	HP	BBAR	SW LOL/TBAR	BAR/ES	GB	ETW	ETW	ES/BAR	TBAR	BBAR	"E" CL	BBAR	TBAR	ES/BAR	ETW	ETW	GB	ES	TOD	TOD	HP	ES	SEE "REF" LINE
Elev	39.92	42.88	43.03	49.03	46.03	46.43	46.47	47.43	47.63	50.63	46.93	46.24	46.93	50.63	47.63	47.43	46.47	46.43	46.05	46.39	46.39	46.02	44.94	
Dist	119.64	90.50	87.50	86.50	86.00	78.00	76.00	28.00	18.00	17.52	16.50	0.00	16.50	17.52	18.00	28.00	76.00	78.00	86.00	86.17	86.50	86.66	94.99	
X-Slope	-10.16%	-5.00%			-5.00%	-2.00%	-2.00%	-2.00%			4.17%		4.17%			-2.00%	-2.00%	-2.00%	-4.70%				-12.99%	

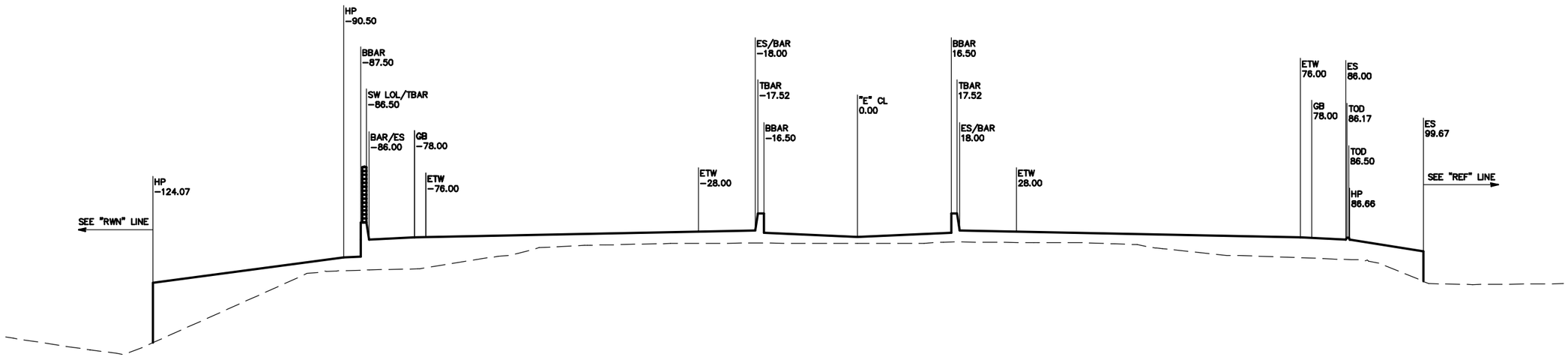
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"E" LINE
STATION STA 146+00.00

SEE "RWN" LINE	HP	HP	BBAR	SW LOL/TBAR	BAR/ES	GB	ETW	ETW	ES/BAR	TBAR	BBAR	"E" CL	BBAR	TBAR	ES/BAR	ETW	ETW	GB	ES	TOD	TOD	HP	ES	SEE "REF" LINE
Elev	39.83	42.94	43.09	49.09	46.09	46.49	46.53	47.49	47.69	50.69	47.01	46.32	47.01	50.69	47.69	47.49	46.53	46.49	46.09	46.42	46.42	46.06	44.91	
Dist	120.04	90.50	87.50	86.50	86.00	78.00	76.00	28.00	18.00	17.52	16.50	0.00	16.50	17.52	18.00	28.00	76.00	78.00	86.00	86.17	86.50	86.66	95.41	
X-Slope	-10.53%	-5.00%			-5.00%	-2.00%	-2.00%	-2.00%			4.17%		4.17%			-2.00%	-2.00%	-2.00%	-5.00%				-13.11%	

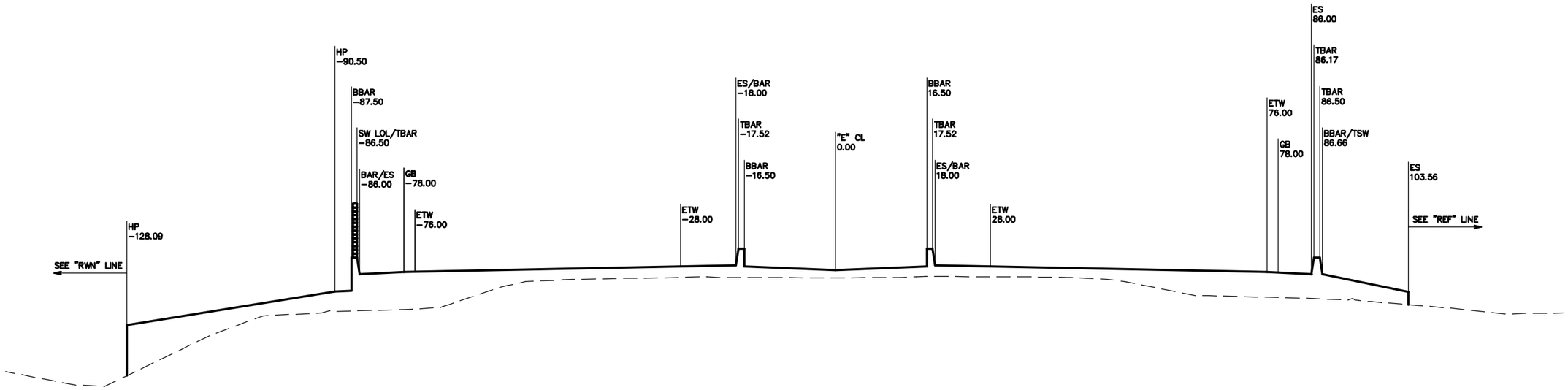
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"E" LINE
STATION 146+50.00

SEE "RWN" LINE	HP	HP	BBAR	SW LOL/TBAR	BAR/ES	GB	ETW	ETW	ES/BAR	TBAR	BBAR	"E" CL	BBAR	TBAR	ES/BAR	ETW	ETW	GB	ES	TOD	TOD	HP	ES	SEE "REF" LINE
Elev	38.94	41.44	41.59	49.59	46.59	46.99	47.03	47.99	48.19	51.19	47.76	47.07	47.76	51.19	48.19	47.99	47.03	46.99	46.59	46.92	46.92	46.56	44.49	
Dist	124.07	90.50	87.50	86.50	86.00	78.00	76.00	28.00	18.00	17.52	16.50	0.00	16.50	17.52	18.00	28.00	76.00	78.00	86.00	86.17	86.50	86.66	99.67	
X-Slope	-7.45%	-5.00%			-5.00%	-2.00%	-2.00%	-2.00%			4.17%		4.17%			-2.00%	-2.00%	-2.00%	-5.00%				-15.89%	

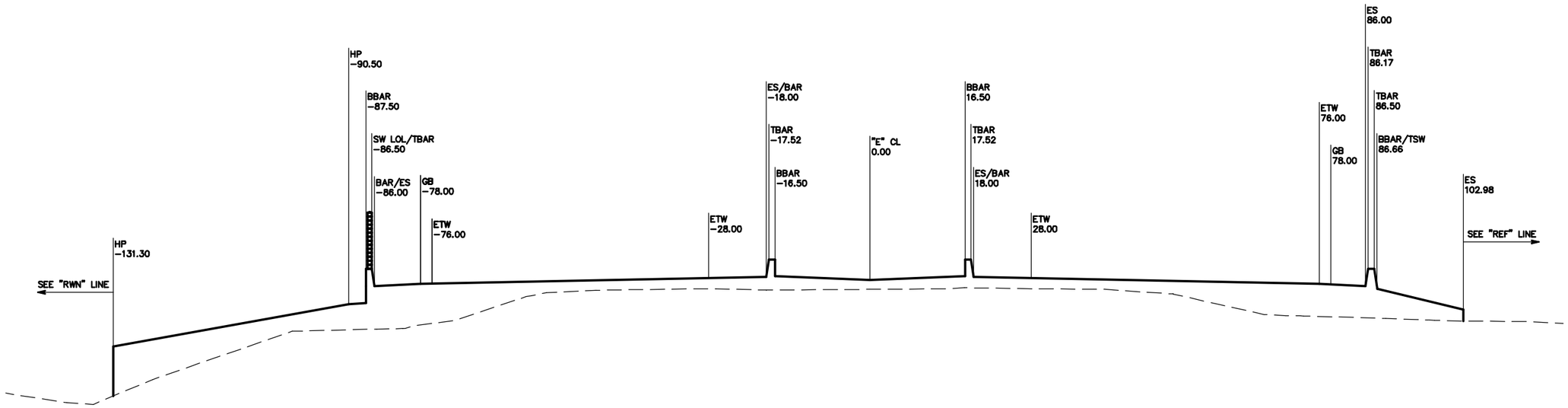
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"E" LINE
STATION 147+00.00

SEE "RWN" LINE	HP	HP	BBAR	SW LOL/TBAR	BAR/ES	GB	ETW	ETW	ES/BAR	TBAR	BBAR	"E" CL	BBAR	TBAR	ES/BAR	ETW	ETW	GB	ES	TBAR	TBAR	BBAR	ES	SEE "REF" LINE
Elev	37.91	43.94	44.09	50.09	47.09	47.49	47.53	48.49	48.69	51.69	48.51	47.82	48.51	51.69	48.69	48.49	47.53	47.49	47.09	50.09	50.09	47.09	43.90	
Dist	128.09	90.50	87.50	86.50	86.00	78.00	76.00	28.00	18.00	17.52	16.50	0.00	16.50	17.52	18.00	28.00	76.00	78.00	86.00	86.17	86.50	86.66	103.56	
X-Slope	-16.04%	-5.00%			-5.00%	-2.00%	-2.00%	-2.00%			4.17%		4.17%			-2.00%	-2.00%	-2.00%	-4.96%				-18.89%	

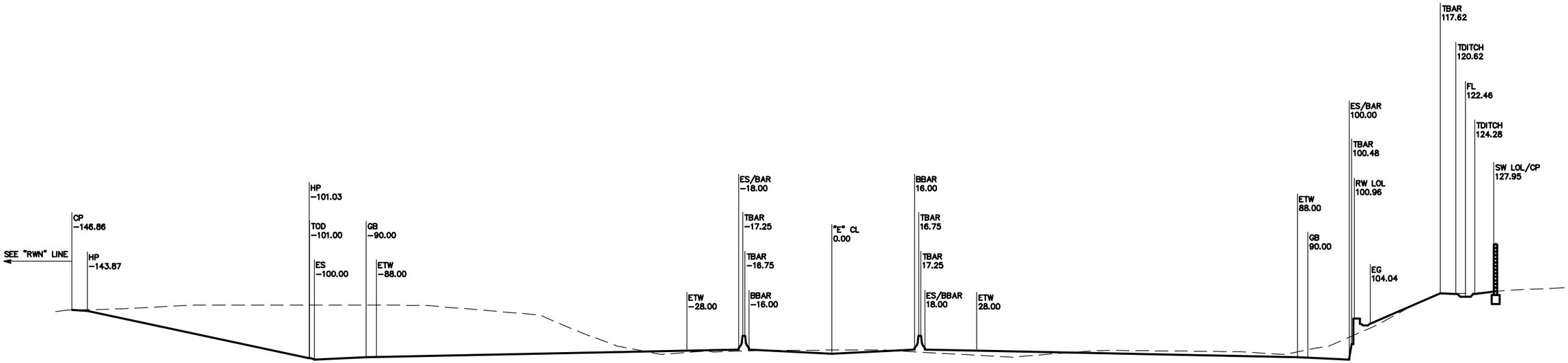
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"E" LINE
STATION 147+39.84

SEE "RWN" LINE	HP	HP	BBAR	SW LOL/TBAR	BAR/ES	GB	ETW	ETW	ES/BAR	TBAR	BBAR	"E" CL	BBAR	TBAR	ES/BAR	ETW	ETW	GB	ES	TBAR	TBAR	BBAR	ES	SEE "REF" LINE
Elev	36.98	44.33	44.48	50.43	47.43	47.83	47.87	48.83	49.03	52.08	49.17	48.48	49.17	52.08	49.03	48.83	47.87	47.83	47.43	50.43	50.43	46.95	43.37	
Dist	131.30	90.50	87.50	86.50	86.00	78.00	76.00	28.00	18.00	17.52	16.50	0.00	16.50	17.52	18.00	28.00	76.00	78.00	86.00	86.17	86.50	86.66	102.98	
X-Slope	-18.02%	-5.00%			-5.00%	-2.00%	-2.00%	-2.00%			4.17%		4.17%			-2.00%	-2.00%	-2.00%	-5.00%				-21.92%	

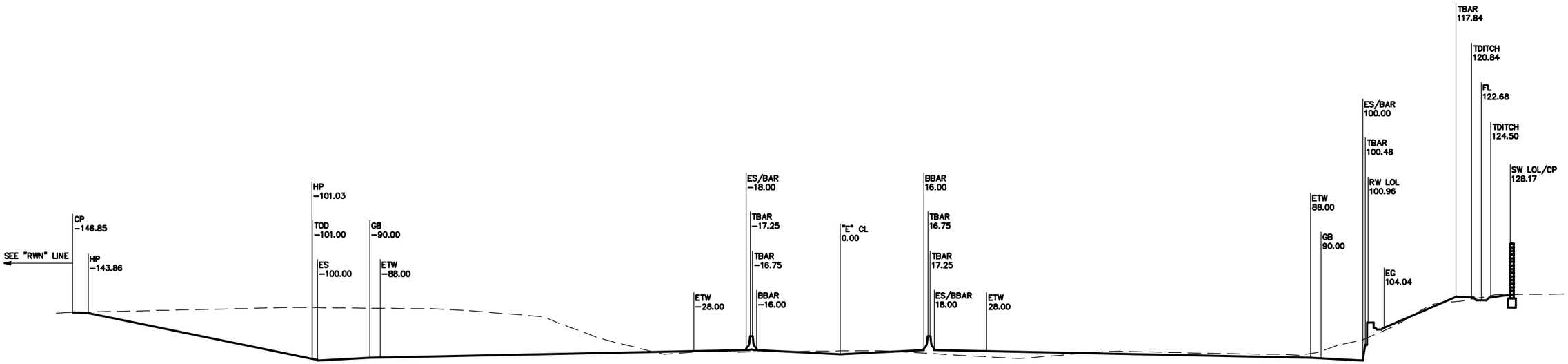
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"E" LINE
STATION 177+64.54

SEE "RWN" LINE	CP	HP	HP	TOD	ES	GB	ETW	ETW	ES/BAR	TBAR	TBAR	BBAR	CL	BBAR	TBAR	TBAR	ES/BAR	ETW	ETW	GB	ES/BAR	TBAR	RW LOL	EG	HP	TDITCH	FL	TDITCH	SW LOL/CP
Elev	64.95	64.80	55.66	55.68	55.36	55.86	55.90	57.10	57.30	59.97	59.97	57.30	56.50	57.30	59.97	59.97	57.30	57.10	55.90	55.86	55.38	58.38		62.29	68.18	68.03	67.53	68.03	68.51
Dist	146.86	143.87	101.03	101.00	100.00	90.00	88.00	28.00	18.00	17.25	16.75	16.00	0.00	16.00	16.75	17.25	18.00	28.00	88.00	90.00	100.00	100.48	100.96	104.04	117.62	120.62	122.46	124.28	127.95
X-Slope	5.00%	21.35%			-5.00%	-2.00%	-2.00%	-2.00%				5.00%		5.00%				-2.00%	-2.00%	-2.00%	-4.80%				43.38%	-5.00%			13.02%

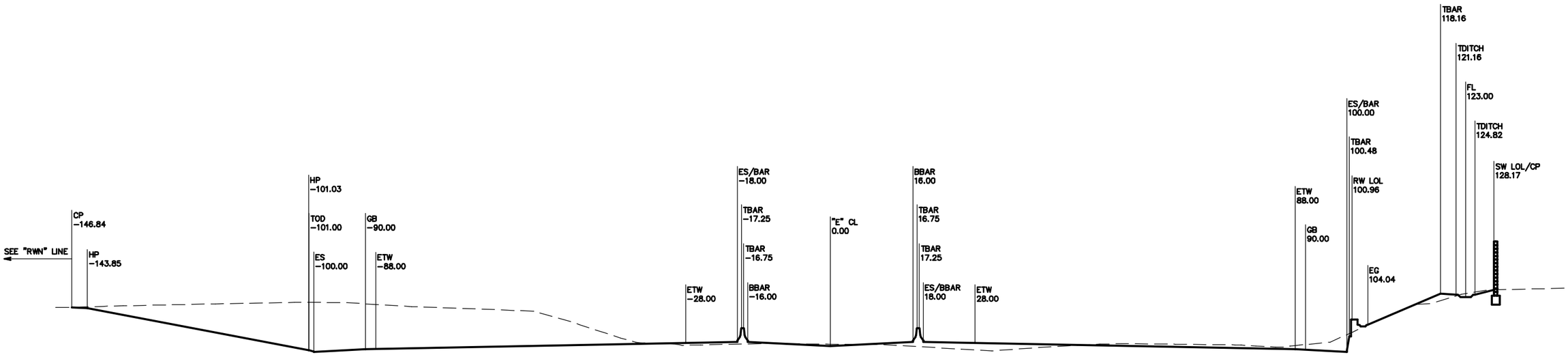
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"E" LINE
STATION 178+00.00

SEE "RWN" LINE	CP	HP	HP	TOD	ES	GB	ETW	ETW	ES/BAR	TBAR	TBAR	BBAR	CL	BBAR	TBAR	TBAR	ES/BAR	ETW	ETW	GB	ES/BAR	TBAR	RW LOL	EG	HP	TDITCH	FL	TDITCH	SW LOL/CP
Elev	64.86	64.71	55.97	55.99	55.67	56.17	56.21	57.41	57.61	60.28	60.28	57.61	56.81	57.61	60.28	60.28	57.61	57.41	56.21	56.17	55.67	58.67		61.91	67.83	67.68	67.18	67.68	68.27
Dist	146.85	143.86	101.03	101.00	100.00	90.00	88.00	28.00	18.00	17.25	16.75	16.00	0.00	16.00	16.75	17.25	18.00	28.00	88.00	90.00	100.00	100.48	100.96	104.04	117.84	120.84	122.68	124.50	128.17
X-Slope	5.00%	20.42%			-5.00%	-2.04%	-2.00%	-2.00%				5.00%		5.00%				-2.00%	-2.00%	-2.00%	-5.00%				42.91%	-5.00%			16.02%

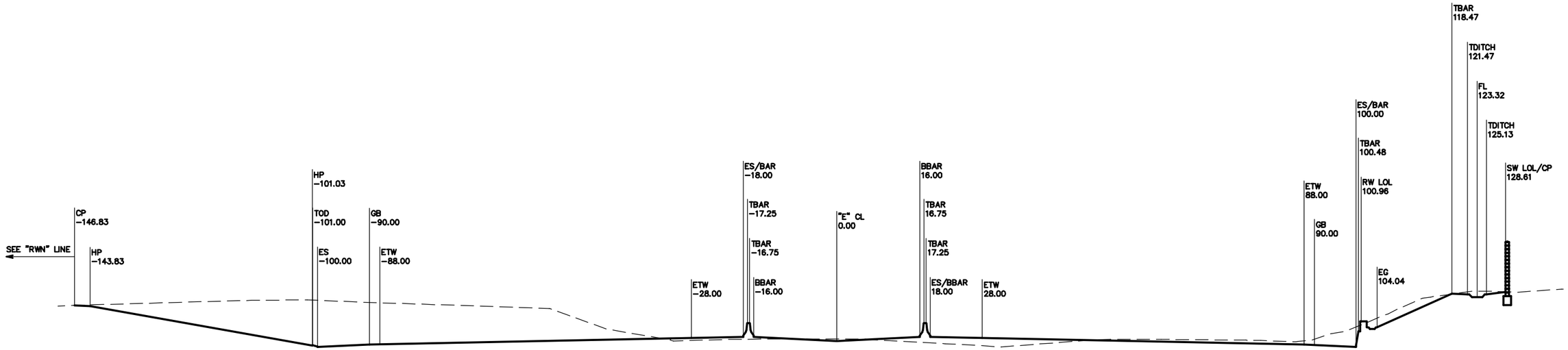
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"E" LINE
STATION 178+50.00

SEE "RWN" LINE	CP	HP	HP	TOD	ES	GB	ETW	ETW	ES/BAR	TBAR	TBAR	BBAR	CL	BBAR	TBAR	TBAR	ES/BAR	ETW	ETW	GB	ES/BAR	TBAR	RW LOL	EG	HP	TDITCH	FL	TDITCH	SW LOL/CP
Elev	64.74	64.59	56.42	56.44	56.12	56.62	56.66	57.86	58.06	60.73	60.73	58.06	57.26	58.06	60.73	60.73	58.06	57.86	56.66	56.62	56.12	59.12		61.38	67.34	67.19	66.69	67.19	68.11
Dist	146.84	143.85	101.03	101.00	100.00	90.00	88.00	28.00	18.00	17.25	16.75	16.00	0.00	16.00	16.75	17.25	18.00	28.00	88.00	90.00	100.00	100.48	100.96	104.04	118.16	121.16	123.00	124.82	128.49
X-Slope	5.00%	19.07%			-5.00%	-2.00%	-2.00%	-2.00%				5.00%		5.00%				-2.00%	-2.00%	-2.00%	-5.00%				42.23%	-5.00%			24.95%

FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"E" LINE
STATION 177+64.54

SEE "RWN" LINE	CP	HP	HP	TOD	ES	GB	ETW	ETW	ES/BAR	TBAR	TBAR	BBAR	CL	BBAR	TBAR	TBAR	ES/BAR	ETW	ETW	GB	ES/BAR	TBAR	RW LOL	EG	HP	TDITCH	FL	TDITCH	SW LOL/CP
Elev	64.60	64.45	56.87	56.89	56.57	57.07	57.11	58.31	58.51	61.18	61.18	58.51	57.71	58.51	61.18	61.18	58.51	58.31	57.11	57.07	56.57	59.57		60.50	66.85	66.70	66.20	66.70	67.20
Dist	146.83	143.83	101.03	101.00	100.00	90.00	88.00	28.00	18.00	17.25	16.75	16.00	0.00	16.00	16.75	17.25	18.00	28.00	88.00	90.00	100.00	100.81	100.96	104.04	118.47	121.47	123.32	125.13	128.81
X-Slope	5.00%	17.71%			-5.00%	-2.00%	-2.00%	-2.00%				5.00%		5.00%				-2.00%	-2.00%	-2.00%	-5.00%				43.99%	-5.00%			13.66%

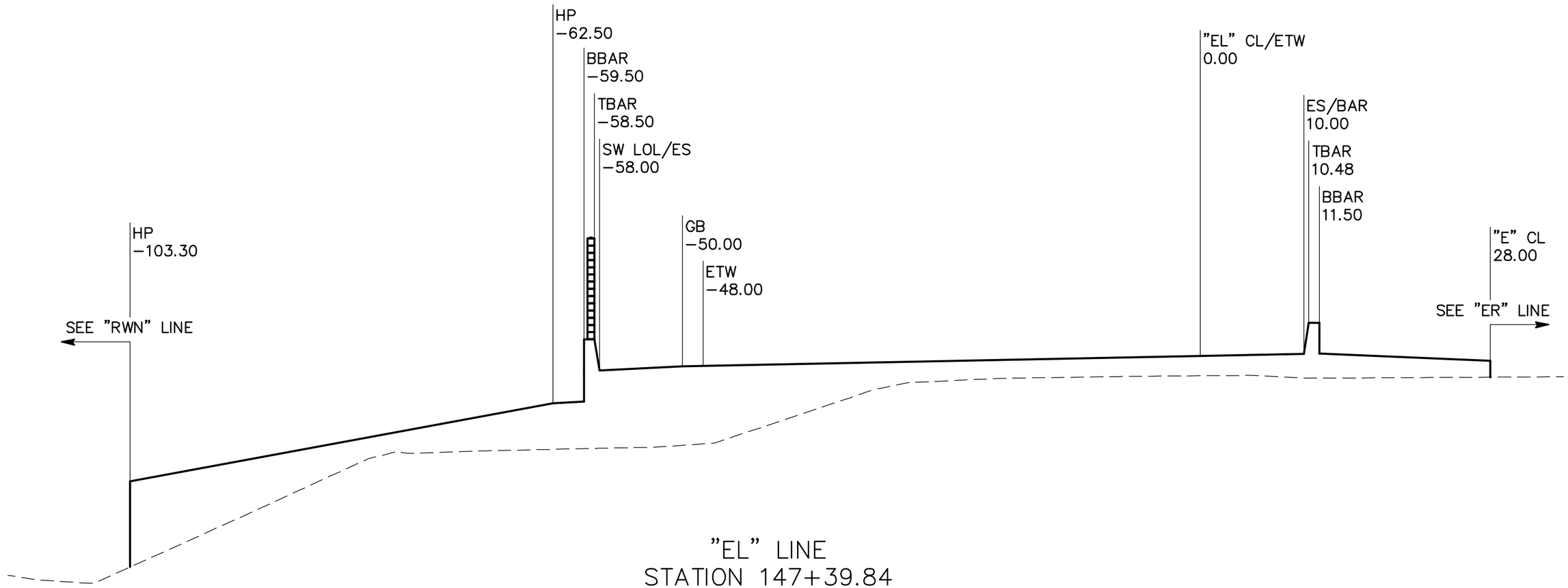
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1

CROSS SECTIONS

ROUTE 4 (EAST) WIDENING

SECTION V

"EL" LINE - (SHEET 1-72)



"EL" LINE
STATION 147+39.84

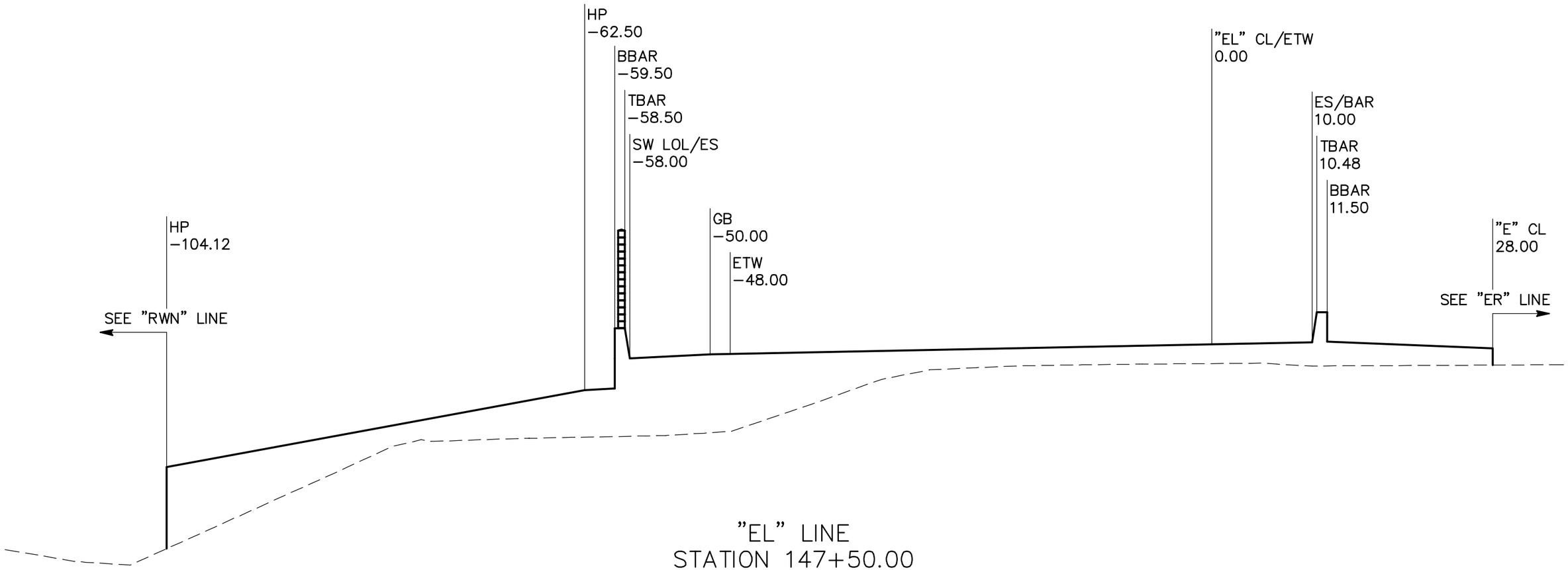
	SEE "RWN" LINE	HP	HP	BBAR	TBAR	SW LOL/ES	GB	ETW	"EL" CL/ETW	ES/BAR	TBAR	BBAR	"E" CL	SEE "ER" LINE
Elev		36.74	44.33	44.48	50.48	47.48	47.88	47.92	48.88	49.08	52.08	49.11	48.42	
Dist		103.30	62.50	59.50	58.50	58.00	50.00	48.00	0.00	10.00	10.48	11.50	28.00	
X−Slope		−18.60%	−5.00%			−5.00%	−2.00%	−2.00%		2.00%			−4.17%	

LEGEND:

(XX.XX) EXISTING GROUND ELEVATION

ABBREVIATIONS:

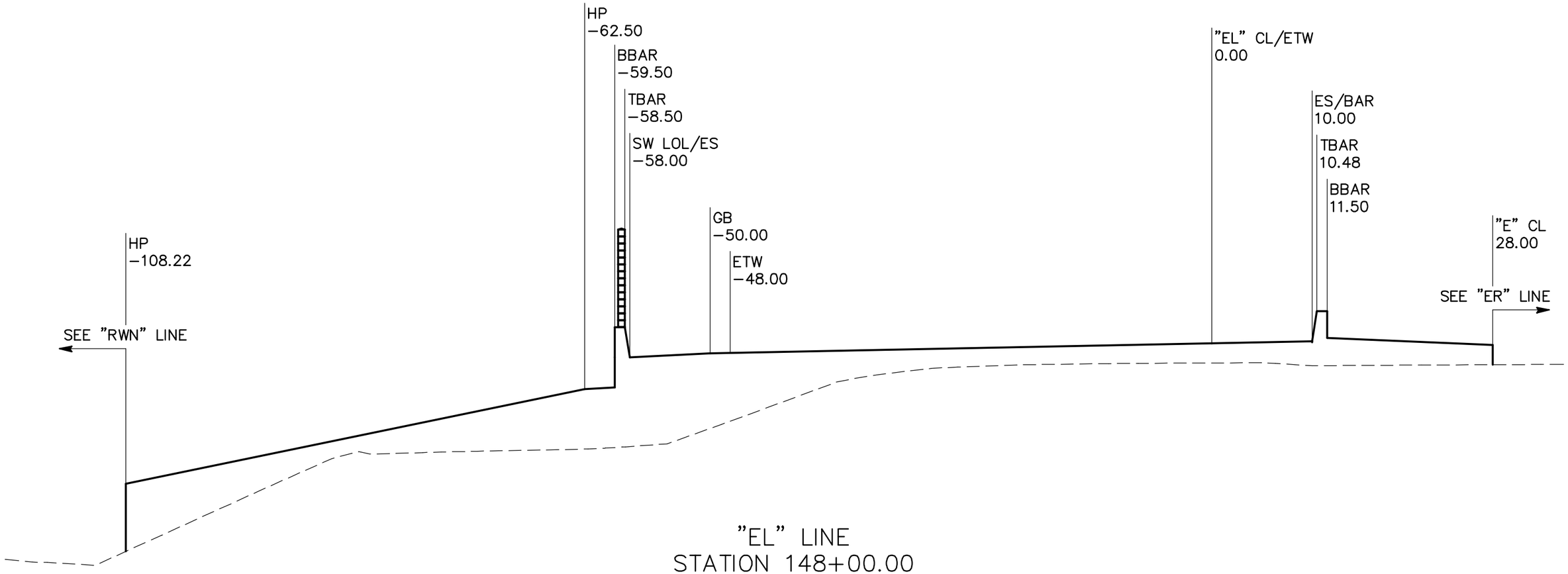
BAR − Barrier Face
BBAR − Back of Barrier
BSW − Back of Sidewalk
BWALL − Back of Wall
CL − Centerline
CP − Catch Point
EC − Edge of Concrete
EG − Edge of Gutter
EP − Edge of Pavement
ES − Edge of Shoulder
ETW − Edge of Traveled Way
FL − Paved or unpaved Flow Line
FLC − Flow Line Curb
FWALL − Face of Wall
GB − Grade Break
HP − Hinge Point
ML − Match Line
LG − Lip of Gutter
P − Pavement
PG − Profile Grade
R/W − Right of Way
RW LOL − Retaining Wall Layout Line
S/C − Saw Cut Line
SW LOL − Sound Wall Layout Line
TBAR − Top of Barrier
TC − Top of Curb
TDITCH − Top of Ditch
TE − Top of Embankment
TGT − Top of Gutter
TOD − Top of Dike
TSW − Top of Swale



"EL" LINE
STATION 147+50.00

	SEE "RWN" LINE	HP	HP	BBAR	TBAR	SW LOL/ES	GB	ETW	"EL" CL/ETW	ES/BAR	TBAR	BBAR	"E" CL	SEE "ER" LINE
Elev		36.74	44.43	44.58	50.58	47.58	47.98	48.02	48.98	49.18	52.18	49.27	48.58	
Dist		104.12	62.50	59.50	58.50	58.00	50.00	48.00	0.00	10.00	10.48	11.50	28.00	
X−Slope		−18.48%	−5.00%			−5.00%	−2.00%	−2.00%		2.00%			−4.17%	

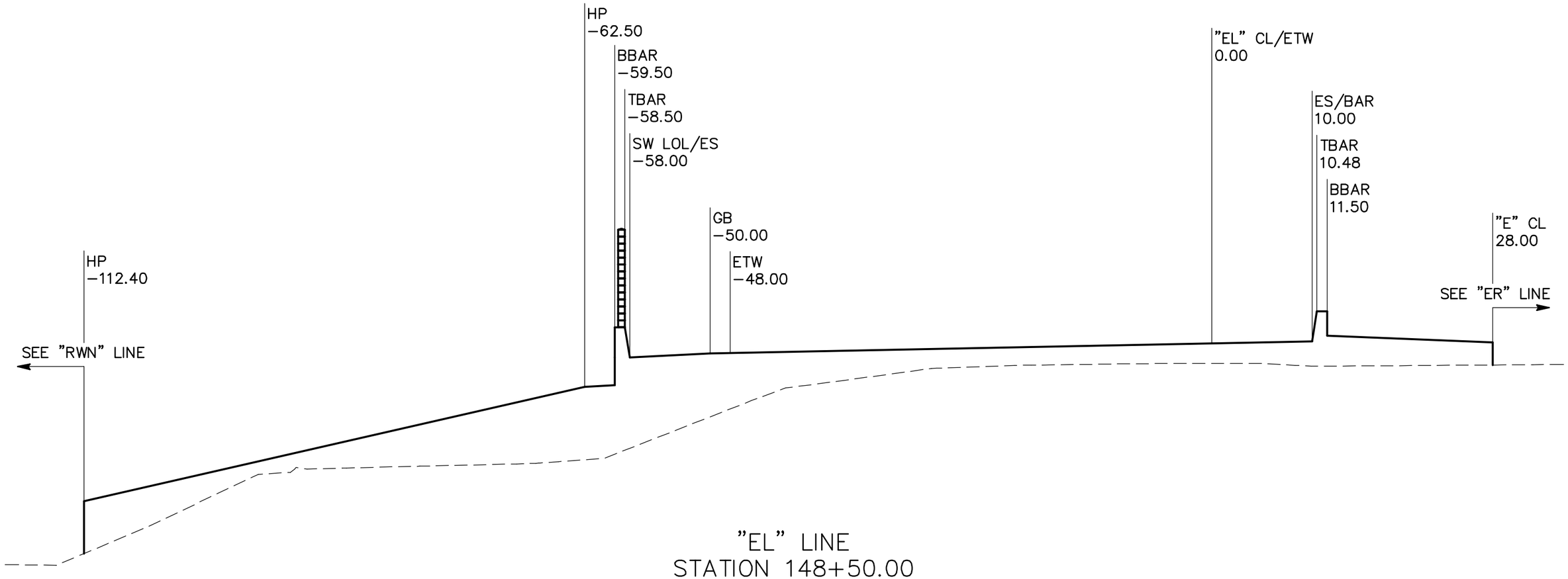
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"EL" LINE
STATION 148+00.00

	SEE "RWN" LINE	HP	HP	BBAR	TBAR	SW LOL/ES	GB	ETW	"EL" CL/ETW	ES/BAR	TBAR	BBAR	"E" CL	SEE "ER" LINE
Elev		35.49	44.93	45.08	51.08	48.08	48.48	48.52	49.48	49.68	52.68	50.02	49.33	
Dist		108.22	62.50	59.50	58.50	58.00	50.00	48.00	0.00	10.00	10.48	11.50	28.00	
X-Slope		-20.65%	-5.00%			-5.00%	-2.00%	-2.00%		2.00%			-4.17%	

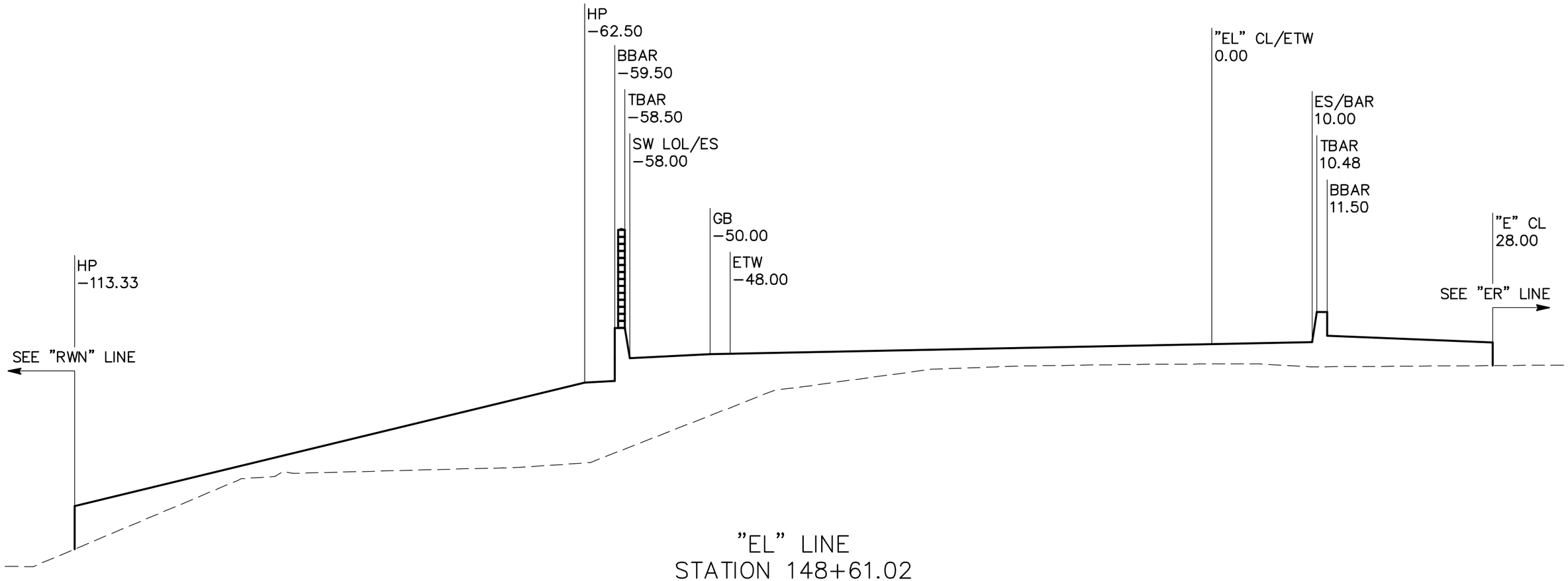
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"EL" LINE
STATION 148+50.00

	SEE "RWN" LINE	HP	HP	BBAR	TBAR	SW LOL/ES	GB	ETW	"EL" CL/ETW	ES/BAR	TBAR	BBAR	"E" CL	SEE "ER" LINE
Elev		34.24	45.67	45.82	51.58	48.58	48.98	49.02	49.98	50.18	53.18	50.77	50.08	
Dist		112.40	62.50	59.50	58.50	58.00	50.00	48.00	0.00	10.00	10.48	11.50	28.00	
X−Slope		−22.90%	−5.00%			−5.00%	−2.00%	−2.00%		2.00%			−4.17%	

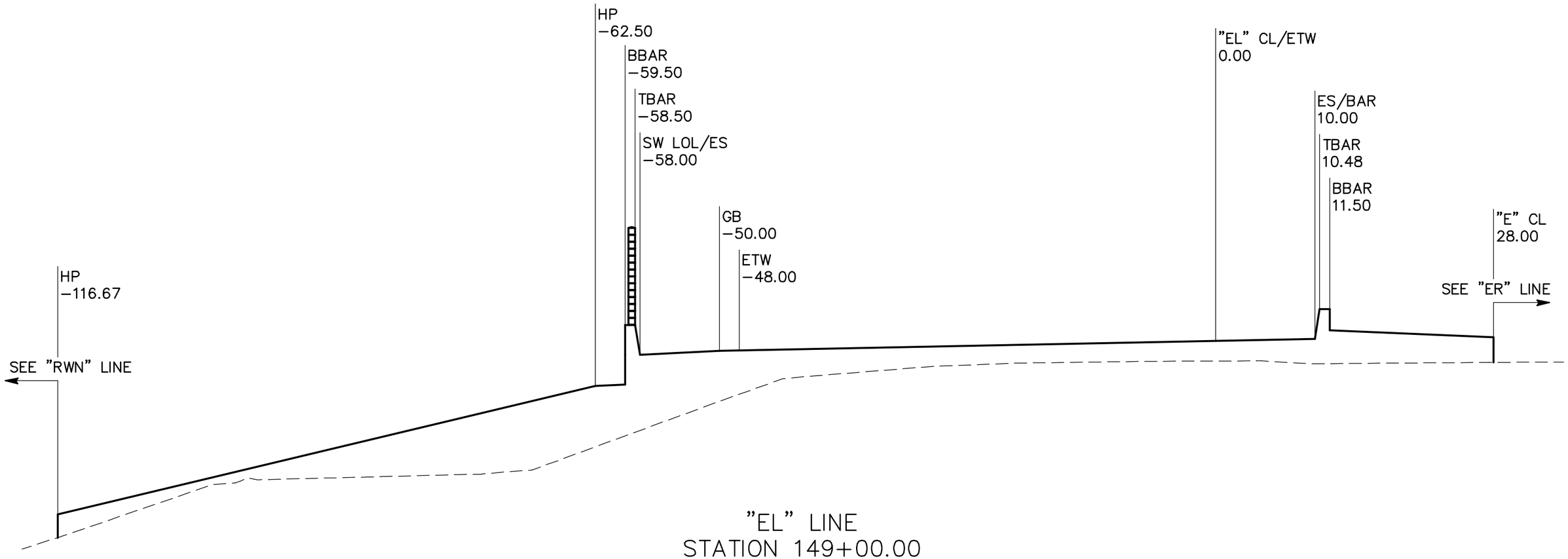
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"EL" LINE
STATION 148+61.02

	SEE "RWN" LINE	HP	HP	BBAR	TBAR	SW LOL/ES	GB	ETW	"EL" CL/ETW	ES/BAR	TBAR	BBAR	"E" CL	SEE "ER" LINE
Elev		33.96	46.26	46.41	51.70	48.70	49.10	49.14	50.10	50.30	53.30	50.93	50.25	
Dist		113.33	62.50	59.50	58.50	58.00	50.00	48.00	0.00	10.00	10.48	11.50	28.00	
X−Slope		−24.18%	−5.00%			−5.00%	−2.00%	−2.00%		2.00%			−4.17%	

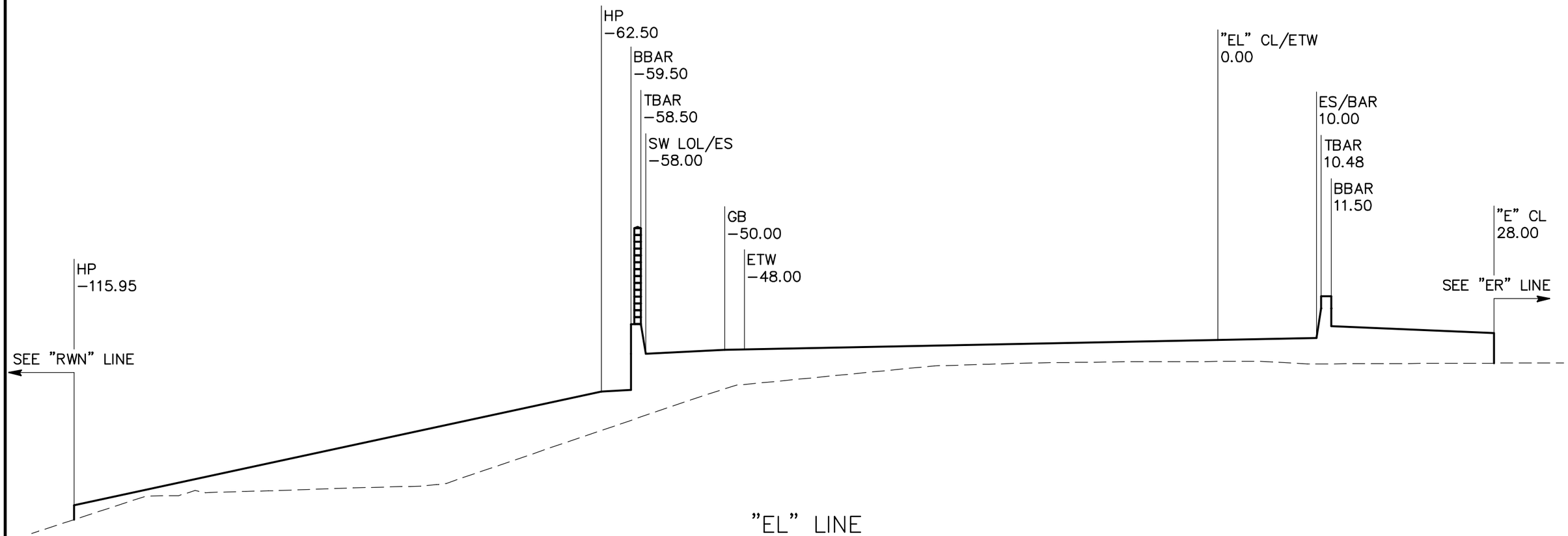
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"EL" LINE
STATION 149+00.00

	SEE "RWN" LINE	HP	HP	BBAR	TBAR	SW LOL/ES	GB	ETW	"EL" CL/ETW	ES/BAR	TBAR	BBAR	"E" CL	SEE "ER" LINE
Elev		32.99	45.92	46.07	52.07	49.07	49.47	49.51	50.47	50.67	53.67	51.52	50.83	
Dist		116.67	62.50	59.50	58.50	58.00	50.00	48.00	0.00	10.00	10.48	11.50	28.00	
X−Slope		−23.87%	−5.00%			−5.00%	−2.00%	−2.00%		2.00%			−4.17%	

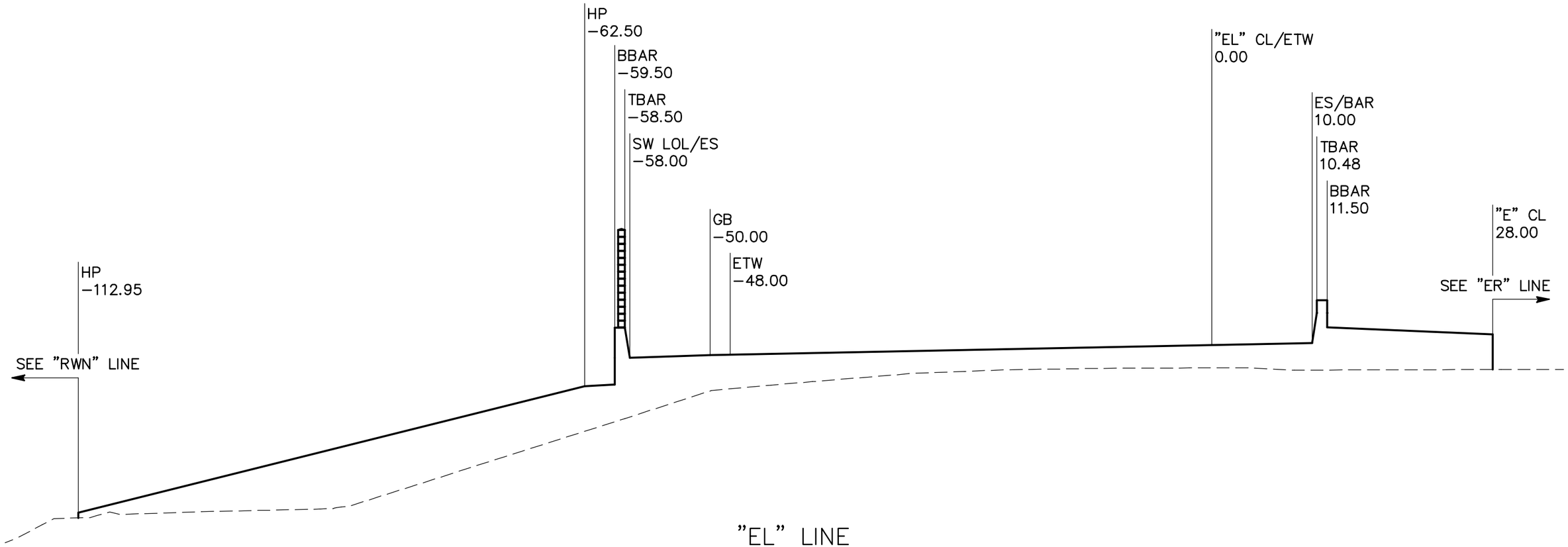
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"EL" LINE
STATION 149+50.00

	SEE "RWN" LINE	EG	HP	BBAR	TBAR	SW LOL/ES	GB	ETW	"EL" CL/ETW	ES/BAR	TBAR	BBAR	"E" CL	SEE "ER" LINE
Elev		35.11	45.67	45.82	52.49	49.49	49.89	49.93	50.89	51.09	55.34	52.28	51.59	
Dist		115.95	62.50	59.50	58.50	58.00	50.00	48.00	0.00	10.00	10.48	11.50	28.00	
X−Slope		−19.76%	−5.00%			−5.00%	−2.00%	−2.00%		2.00%			−4.17%	

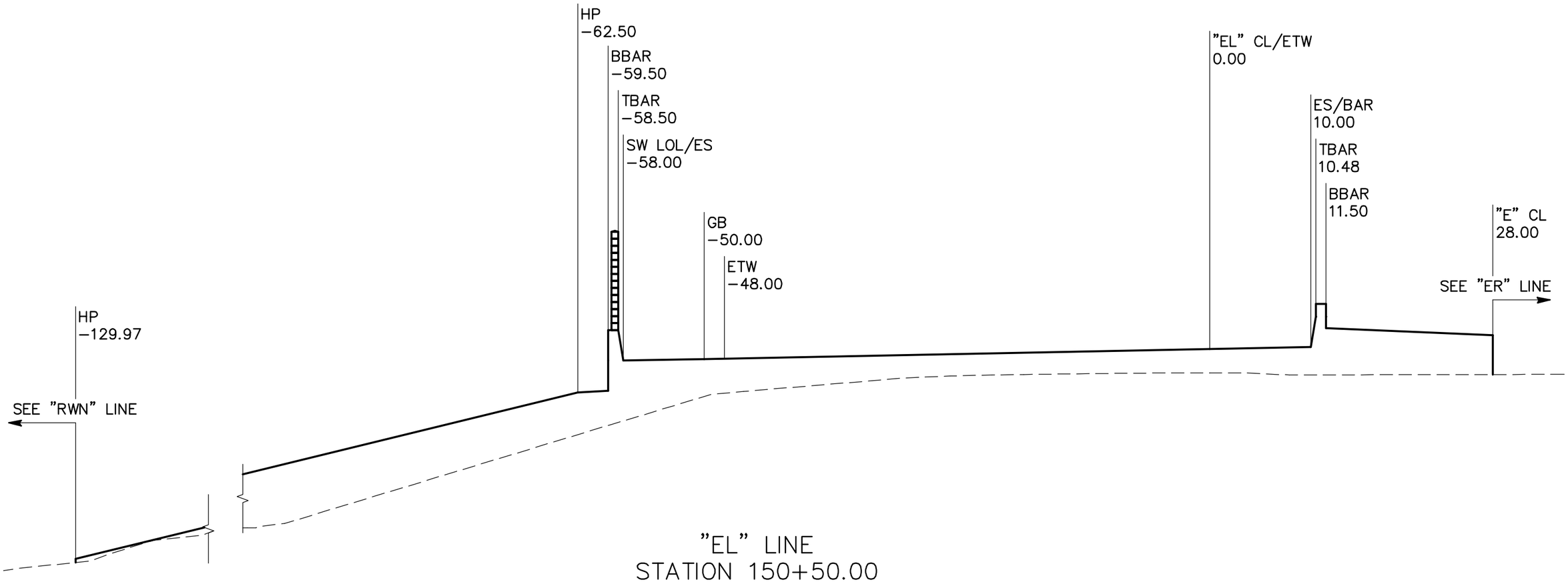
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"EL" LINE
STATION 150+00.00

	SEE "RWN" LINE	EG	HP	BBAR	TBAR	SW LOL/ES	GB	ETW	"EL" CL/ETW	ES/BAR	TBAR	BBAR	"E" CL	SEE "ER" LINE
Elev		34.55	47.16	47.31	52.98	49.98	50.26	50.30	51.26	51.46	55.71	53.01	52.32	
Dist		112.95	62.50	59.50	58.50	58.00	50.00	48.00	0.00	10.00	10.48	11.50	28.00	
X−Slope		−25.00%	−5.00%			−3.50%	−2.00%	−2.00%		2.00%			−4.17%	

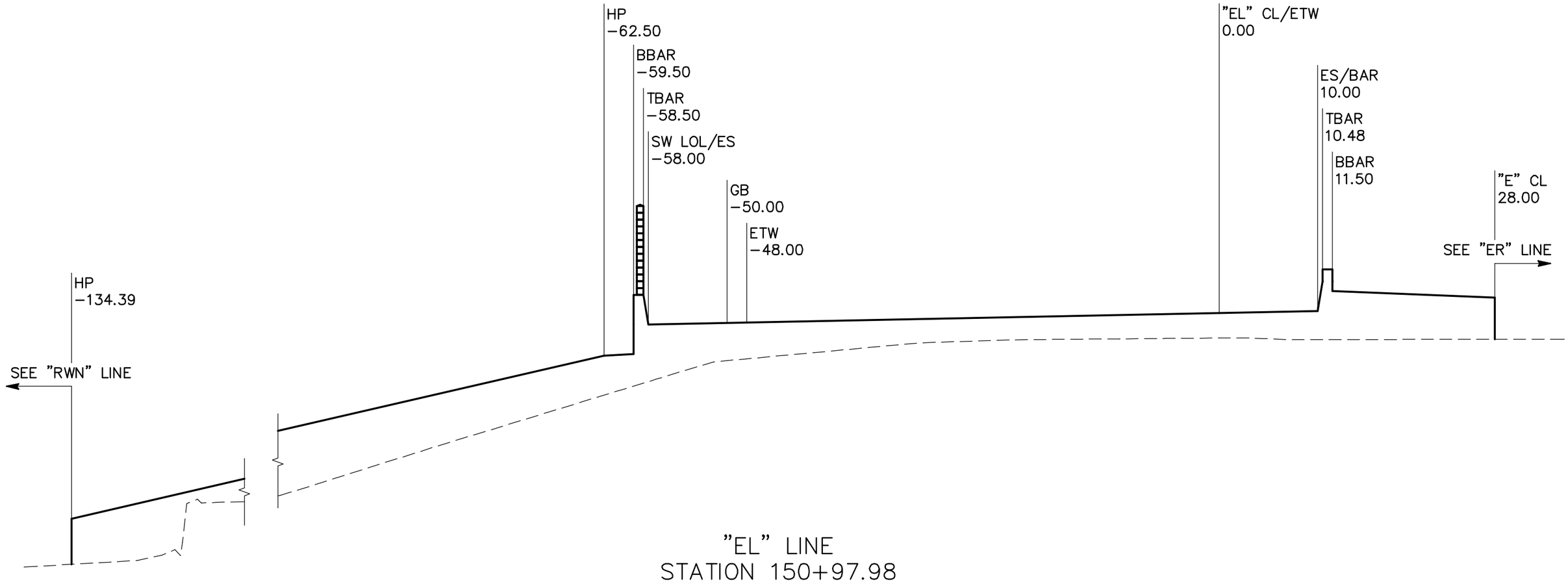
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"EL" LINE
STATION 150+50.00

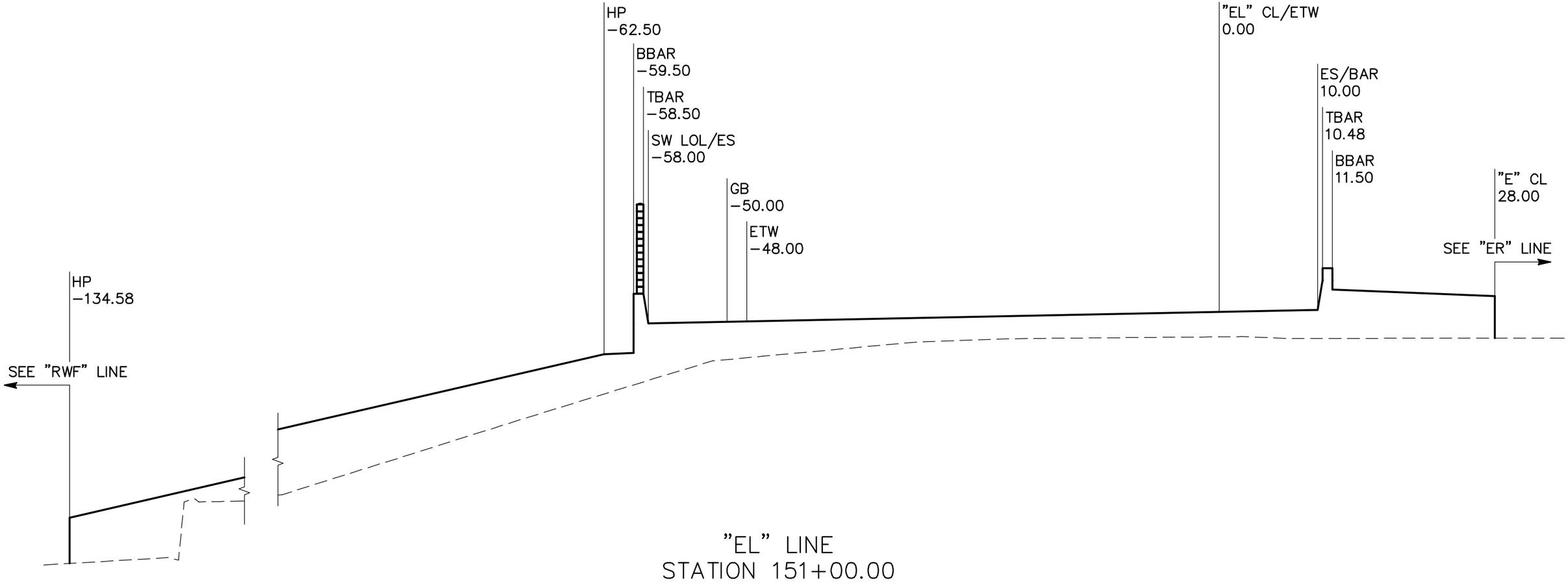
	SEE "RWN" LINE	HP	HP	BBAR	TBAR	SW LOL/ES	GB	ETW	"EL" CL/ETW	ES/BAR	TBAR	BBAR	"E" CL	SEE "ER" LINE
Elev		30.80	47.26	47.41	53.41	50.41	50.57	50.61	51.57	51.77	56.02	53.62	52.93	
Dist		129.97	62.50	59.50	58.50	58.00	50.00	48.00	0.00	10.00	10.48	11.50	28.00	
X−Slope		−24.39%	−5.00%			−2.00%	−2.00%	−2.00%		2.00%			−4.17%	

FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



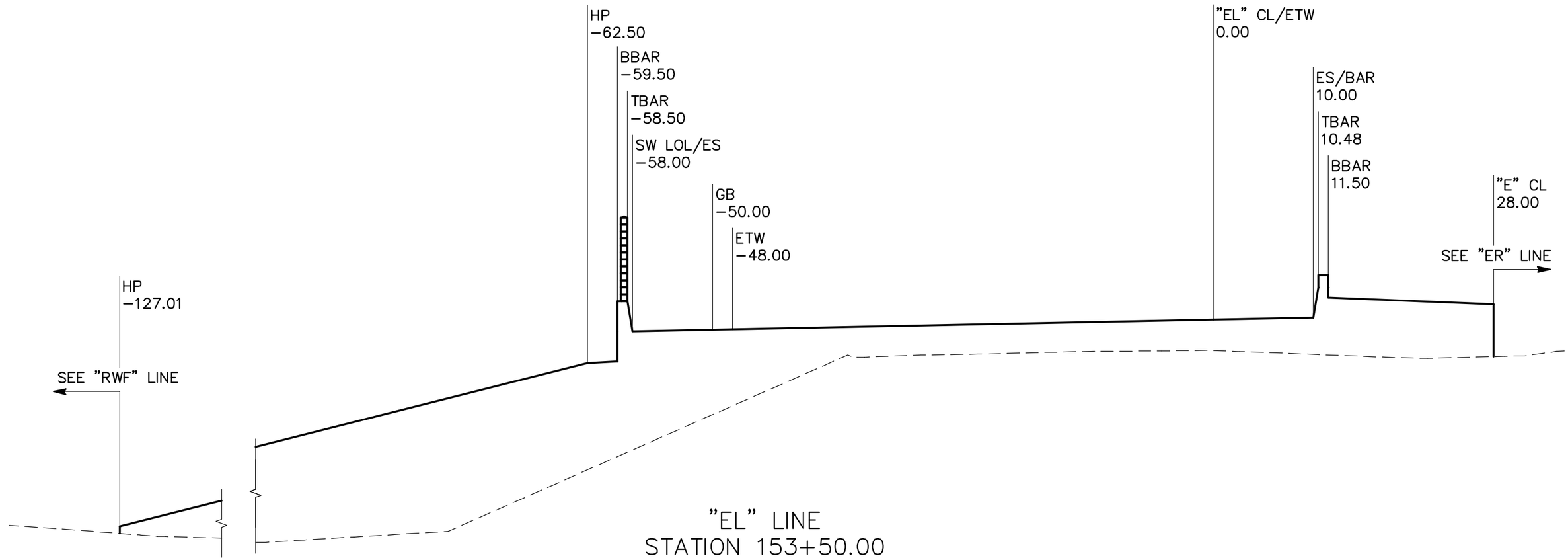
	SEE "RWN" LINE	HP	HP	BBAR	TBAR	SW LOL/ES	GB	ETW	"EL" CL/ETW	ES/BAR	TBAR	BBAR	"E" CL	SEE "ER" LINE
Elev		30.93	47.50	47.65	53.65	50.65	50.81	50.85	51.81	52.01	56.26	54.07	53.38	
Dist		134.39	62.50	59.50	58.50	58.00	50.00	48.00	0.00	10.00	10.48	11.50	28.00	
X−Slope		−0.23	−5.00%			−2.00%	−2.00%	−2.00%		2.00%			−4.17%	

FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



	SEE "RWN" LINE	HP	HP	BBAR	TBAR	SW LOL/ES	GB	ETW	"EL" CL/ETW	ES/BAR	TBAR	BBAR	"E" CL	SEE "ER" LINE
Elev		30.93	47.51	47.66	53.66	50.66	50.82	50.86	51.82	52.02	56.27	54.10	53.41	
Dist		134.58	62.50	59.50	58.50	58.00	50.00	48.00	0.00	10.00	10.48	11.50	28.00	
X−Slope		−23.00%	−5.00%			−2.00%	−2.00%	−2.00%		2.00%			−4.17%	

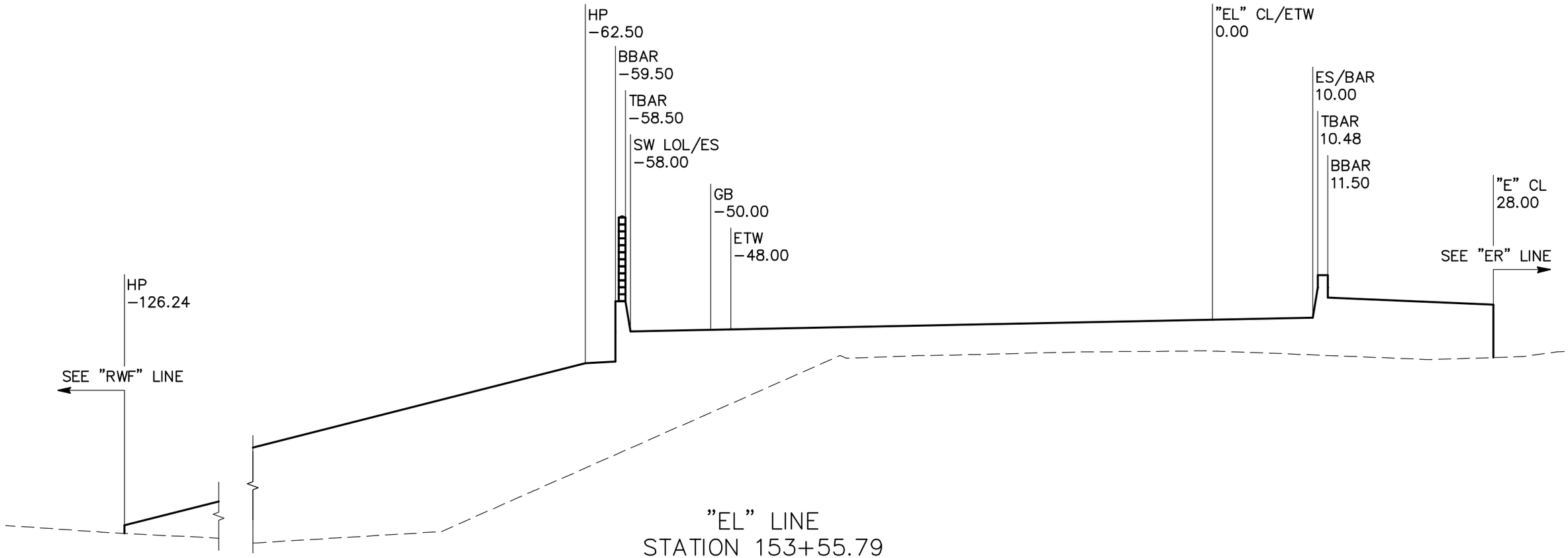
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"EL" LINE
STATION 153+50.00

	SEE "RWF" LINE	HP	HP	BBAR	TBAR	SW LOL/ES	GB	ETW	"EL" CL/ETW	ES/BAR	TBAR	BBAR	"E" CL	SEE "ER" LINE
Elev		31.60	47.90	48.05	54.05	51.05	51.21	51.25	52.21	52.41	56.66	54.44	53.75	
Dist		127.01	62.50	59.50	58.50	58.00	50.00	48.00	0.00	10.00	10.48	11.50	28.00	
X−Slope		−25.27%	−5.00%			−2.00%	−2.00%	−2.00%		2.00%			−4.17%	

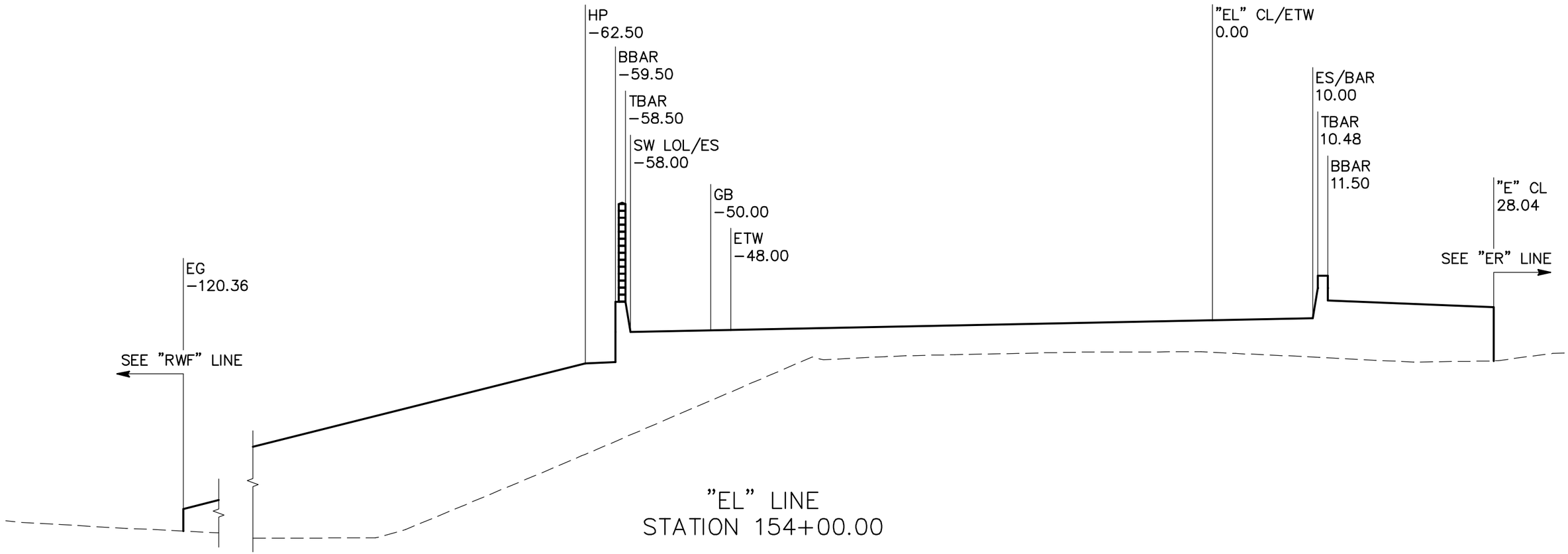
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"EL" LINE
STATION 153+55.79

	SEE "RWF" LINE	HP	HP	BBAR	TBAR	SW LOL/ES	GB	ETW	"EL" CL/ETW	ES/BAR	TBAR	BBAR	"E" CL	SEE "ER" LINE
Elev		31.75	47.90	48.05	54.05	51.05	51.21	51.25	52.21	52.41	56.62	54.42	53.73	
Dist		126.24	62.50	59.50	58.50	58.00	50.00	48.00	0.00	10.00	10.48	11.50	28.00	
X−Slope		−25.34%	−5.00%			−2.00%	−2.00%	−2.00%		2.00%			−4.17%	

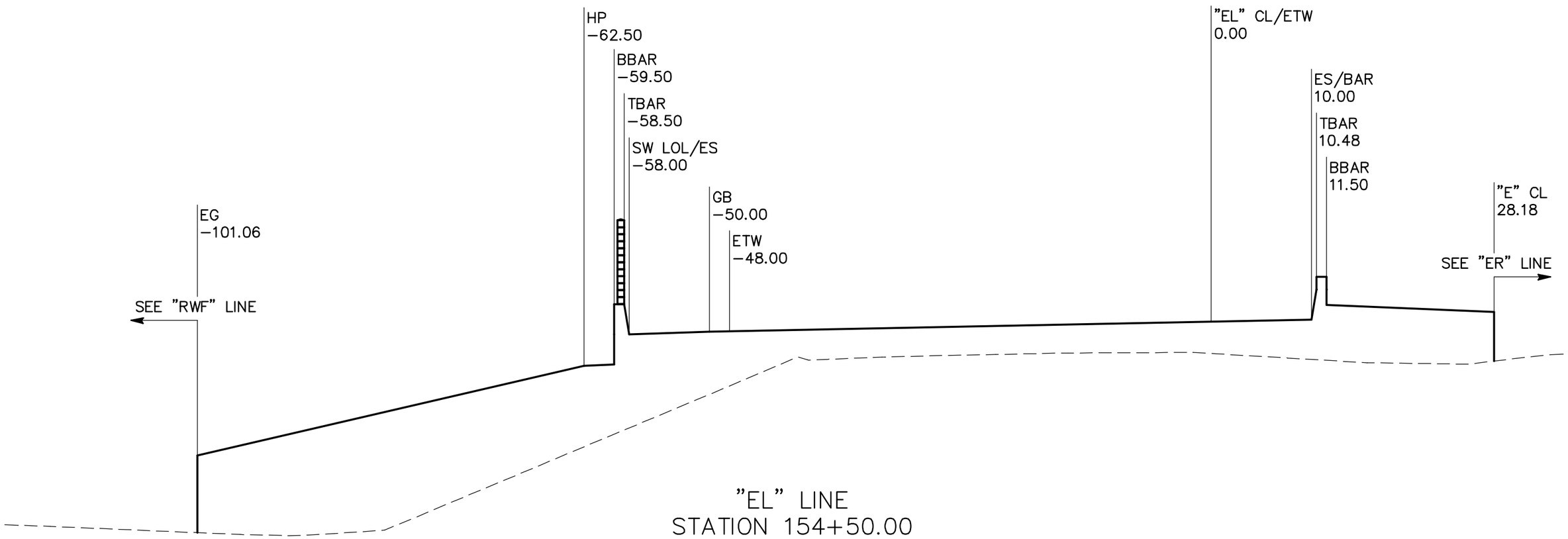
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"EL" LINE
STATION 154+00.00

	SEE "RWF" LINE	EG	HP	BBAR	TBAR	SW LOL/ES	GB	ETW	"EL" CL/ETW	ES/BAR	TBAR	BBAR	"E" CL	SEE "ER" LINE
Elev		33.33	47.81	47.96	53.96	50.96	51.12	51.16	52.12	52.32	56.57	54.10	53.41	
Dist		120.36	62.50	59.50	58.50	58.00	50.00	48.00	0.00	10.00	10.48	11.50	28.04	
X−Slope		−25.02%	−5.00%			−2.00%	−2.00%	−2.00%		2.00%			−4.16%	

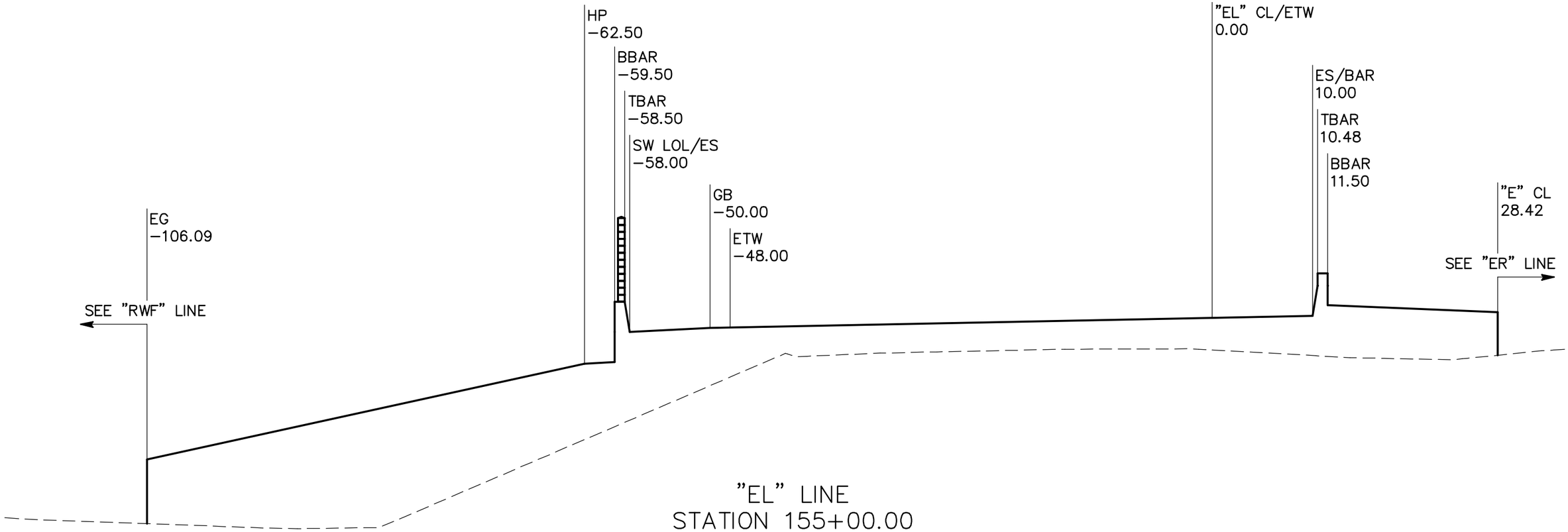
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"EL" LINE
STATION 154+50.00

	SEE "RWF" LINE	EG	HP	BBAR	TBAR	SW LOL/ES	GB	ETW	"EL" CL/ETW	ES/BAR	TBAR	BBAR	"E" CL	SEE "ER" LINE
Elev		38.75	47.54	47.69	53.69	50.69	50.97	51.01	51.97	52.17	56.42	53.63	52.93	
Dist		101.06	62.50	59.50	58.50	58.00	50.00	48.00	0.00	10.00	10.48	11.50	28.18	
X−Slope		−22.80%	−5.00%			−3.50%	−2.00%	−2.00%		2.00%			−4.17%	

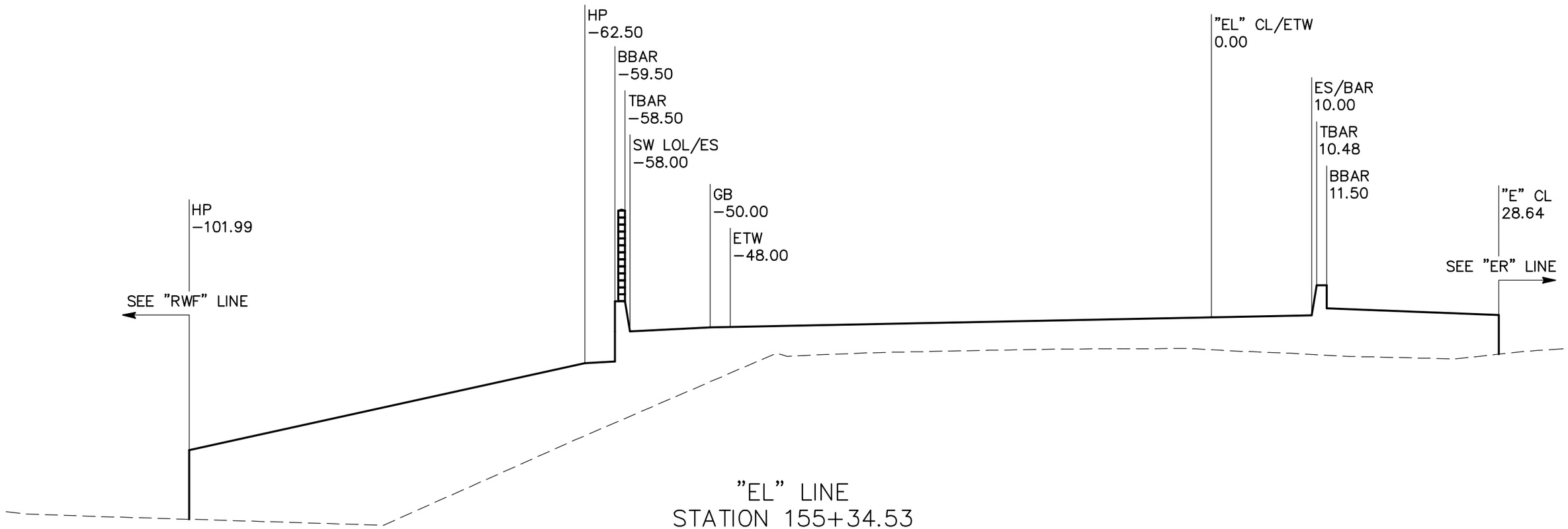
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"EL" LINE
STATION 155+00.00

	SEE "RWF" LINE	EG	HP	BBAR	TBAR	SW LOL/ES	GB	ETW	"EL" CL/ETW	ES/BAR	TBAR	BBAR	"E" CL	SEE "ER" LINE
Elev		37.66	47.20	47.35	53.35	50.35	50.75	50.79	51.75	51.95	56.20	53.03	52.32	
Dist		106.09	62.50	59.50	58.50	58.00	50.00	48.00	0.00	10.00	10.48	11.50	28.42	
X−Slope		−21.89%	−5.00%			−5.00%	−2.00%	−2.00%		2.00%			−4.17%	

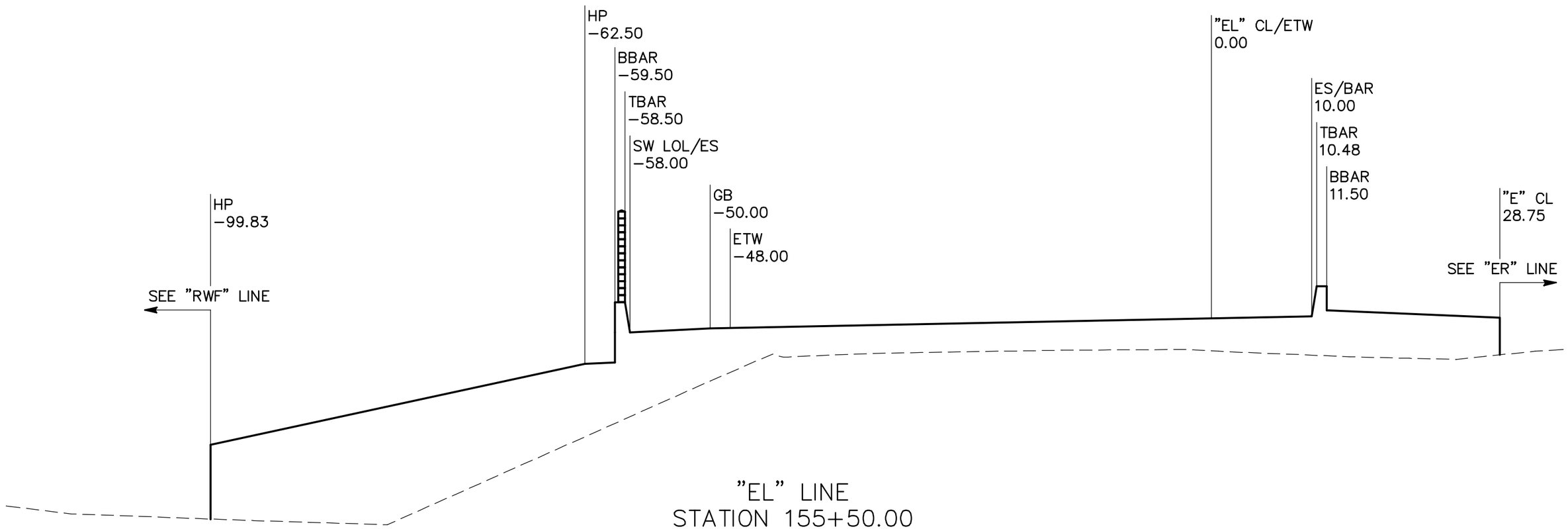
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"EL" LINE
STATION 155+34.53

	SEE "RWF" LINE	HP	HP	BBAR	TBAR	SW LOL/ES	GB	ETW	"EL" CL/ETW	ES/BAR	TBAR	BBAR	"E" CL	SEE "ER" LINE
Elev		38.37	47.03	47.18	53.18	50.18	50.58	50.62	51.58	51.78	54.78	52.50	51.81	
Dist		101.99	62.50	59.50	58.50	58.00	50.00	48.00	0.00	10.00	10.48	11.50	28.64	
X−Slope		−21.93%	−5.00%			−5.00%	−2.00%	−2.00%		2.00%			−4.03%	

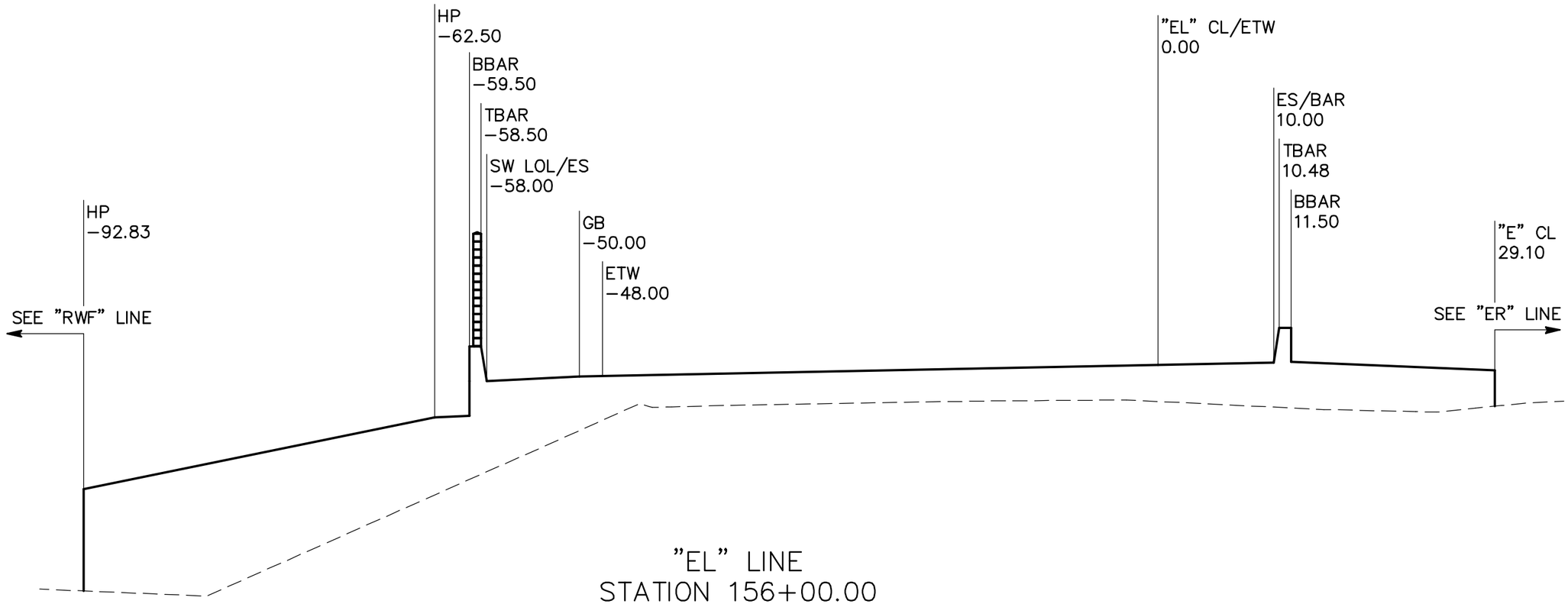
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"EL" LINE
STATION 155+50.00

	SEE "RWF" LINE	HP	HP	BBAR	TBAR	SW LOL/ES	GB	ETW	"EL" CL/ETW	ES/BAR	TBAR	BBAR	"E" CL	SEE "ER" LINE
Elev		38.88	46.94	47.09	53.09	50.09	50.49	50.53	51.49	51.69	54.69	52.29	51.57	
Dist		99.83	62.50	59.50	58.50	58.00	50.00	48.00	0.00	10.00	10.48	11.50	28.75	
X−Slope		−21.59%	−5.00%			−5.00%	−2.00%	−2.00%		2.00%			−4.17%	

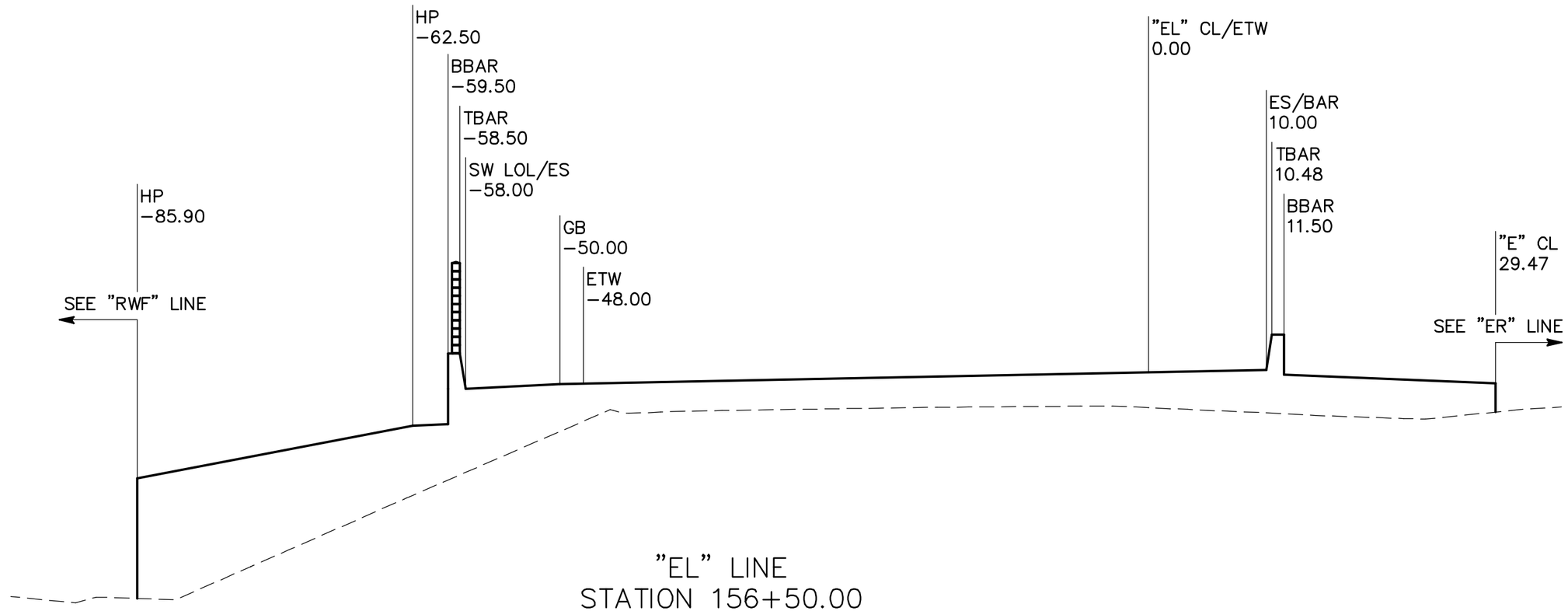
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"EL" LINE
STATION 156+00.00

	SEE "RWF" LINE	HP	HP	BBAR	TBAR	SW LOL/ES	GB	ETW	"EL" CL/ETW	ES/BAR	TBAR	BBAR	"E" CL	SEE "ER" LINE
Elev		40.41	46.61	46.76	52.76	49.76	50.16	50.20	51.16	51.36	54.36	51.43	50.70	
Dist		92.83	62.50	59.50	58.50	58.00	50.00	48.00	0.00	10.00	10.48	11.50	29.10	
X−Slope		−20.44%	−5.00%			−5.00%	−2.00%	−2.00%		2.00%			−4.17%	

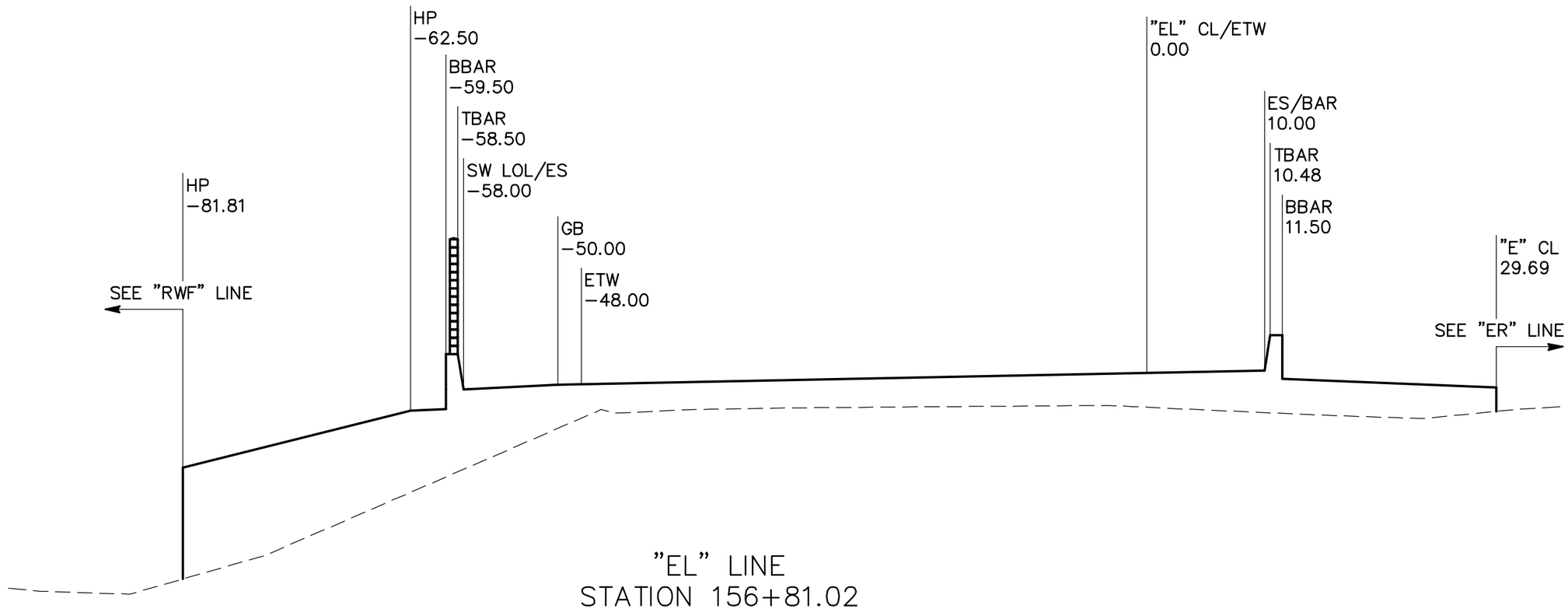
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"EL" LINE
STATION 156+50.00

	SEE "RWF" LINE	HP	HP	BBAR	TBAR	SW LOL/ES	GB	ETW	"EL" CL/ETW	ES/BAR	TBAR	BBAR	"E" CL	SEE "ER" LINE
Elev		41.76	46.22	46.37	52.37	49.37	49.77	49.81	50.77	50.97	53.97	50.56	49.81	
Dist		85.90	62.50	59.50	58.50	58.00	50.00	48.00	0.00	10.00	10.48	11.50	29.47	
X−Slope		−19.06%	−5.00%			−5.00%	−2.00%	−2.00%		2.00%			−4.17%	

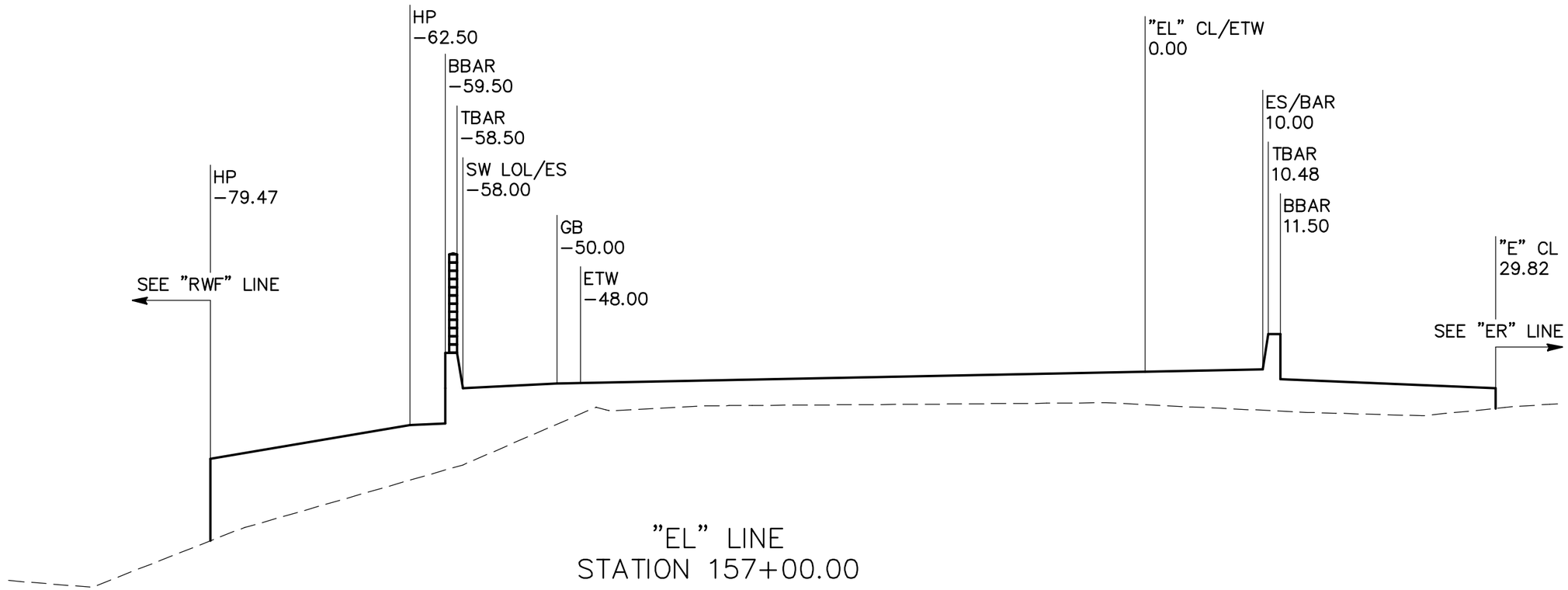
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"EL" LINE
STATION 156+81.02

	SEE "RWF" LINE	HP	HP	BBAR	TBAR	SW LOL/ES	GB	ETW	"EL" CL/ETW	ES/BAR	TBAR	BBAR	"E" CL	SEE "ER" LINE
Elev		42.48	47.31	47.46	52.11	49.11	49.51	49.55	50.51	50.71	53.71	50.03	49.27	
Dist		81.81	62.50	59.50	58.50	58.00	50.00	48.00	0.00	10.00	10.48	11.50	29.69	
X−Slope		−25.00%	−5.00%			−5.00%	−2.00%	−2.00%		2.00%			−4.17%	

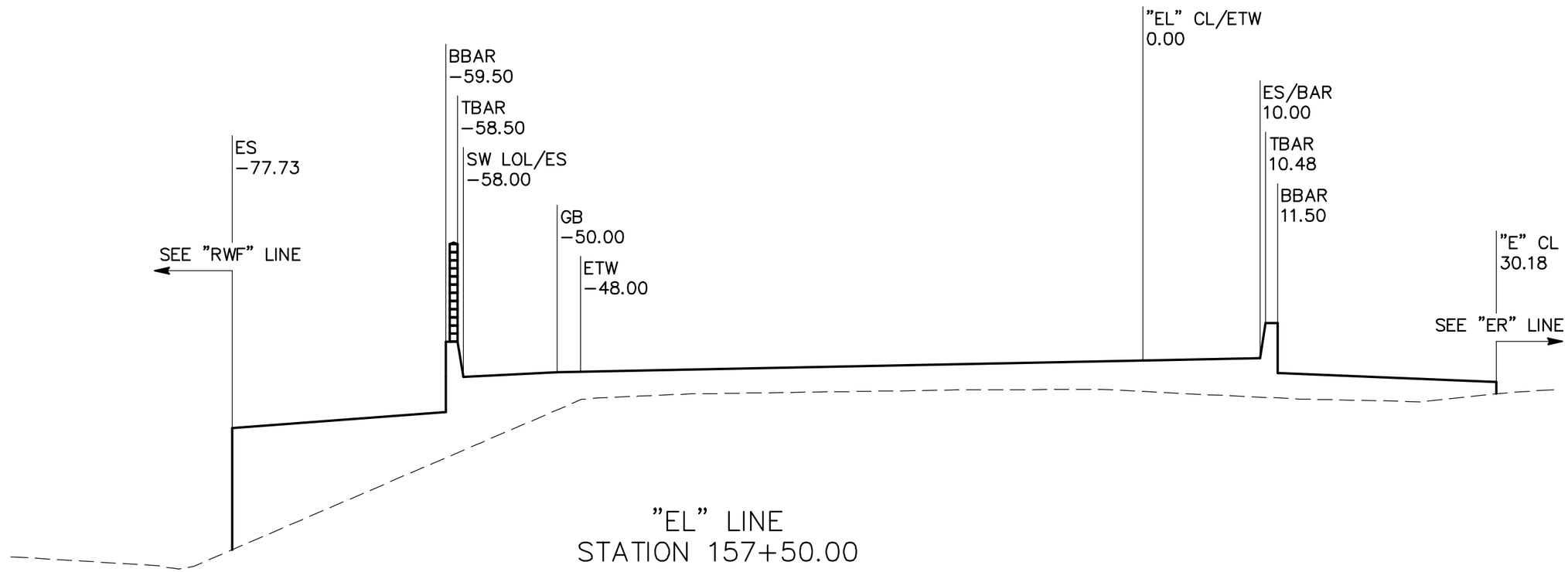
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"EL" LINE
STATION 157+00.00

	SEE "RWF" LINE	HP	HP	BBAR	TBAR	SW LOL/ES	GB	ETW	"EL" CL/ETW	ES/BAR	TBAR	BBAR	"E" CL	SEE "ER" LINE
Elev		42.92	45.78	45.93	51.93	48.93	49.33	49.37	50.33	50.53	53.53	49.69	48.93	
Dist		79.47	62.50	59.50	58.50	58.00	50.00	48.00	0.00	10.00	10.48	11.50	29.82	
X−Slope		−16.85%	−5.00%			−5.00%	−2.00%	−2.00%		2.00%			−4.17%	

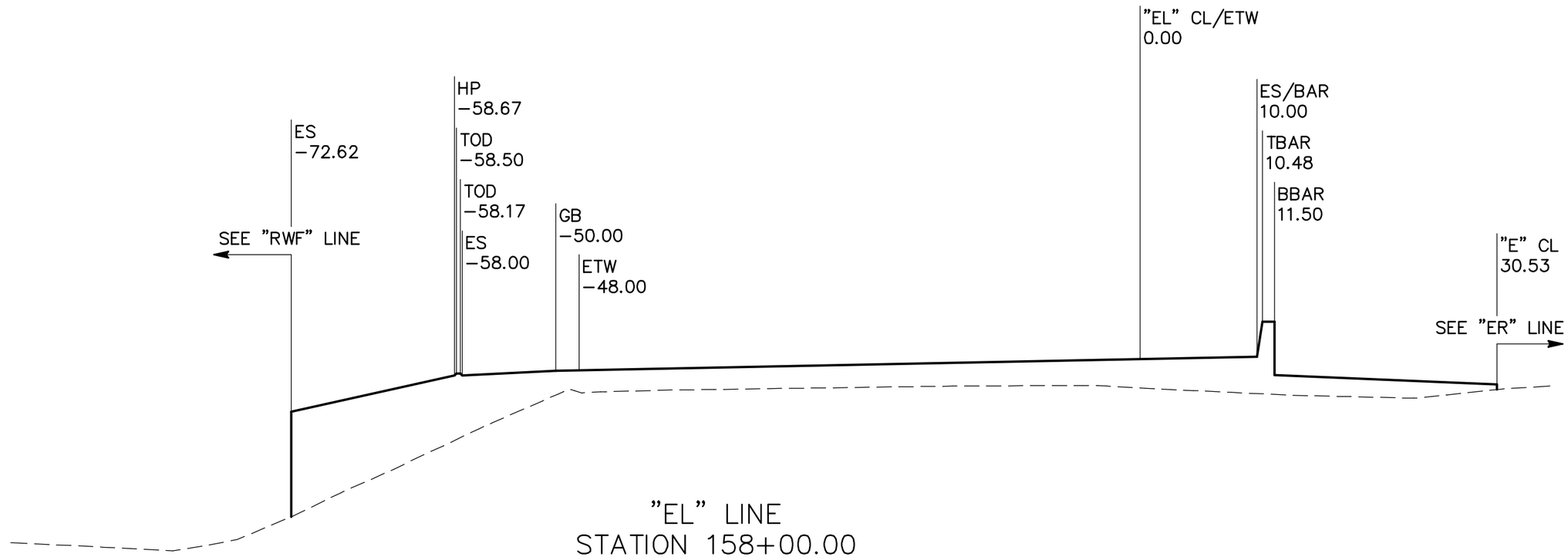
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"EL" LINE
STATION 157+50.00

	SEE "RWF" LINE	ES	BBAR	TBAR	SW LOL/ES	GB	ETW	"EL" CL/ETW	ES/BAR	TBAR	BBAR	"E" CL	SEE "ER" LINE
Elev		44.11	45.48	51.48	48.48	48.88	48.92	49.88	50.08	53.08	48.83	48.05	
Dist		77.73	59.50	58.50	58.00	50.00	48.00	0.00	10.00	10.48	11.50	30.18	
X−Slope		−7.52%			−5.00%	−2.00%	−2.00%		2.00%			−4.17%	

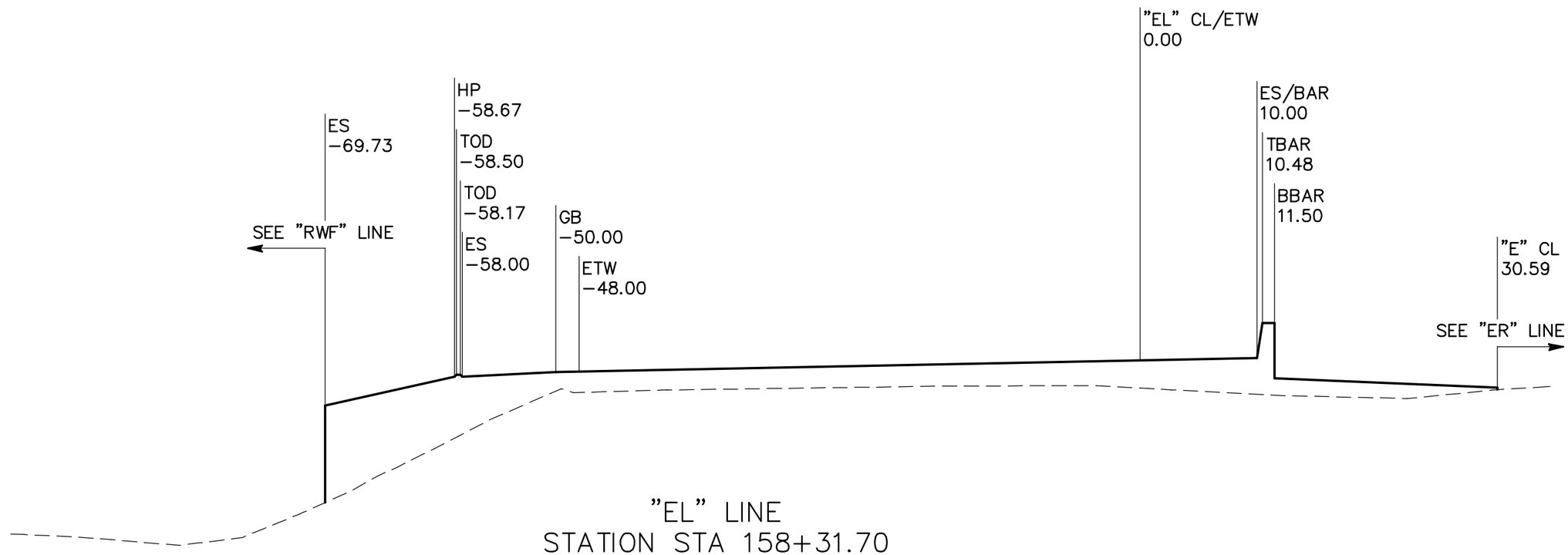
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"EL" LINE
STATION 158+00.00

	SEE "RWF" LINE	ES	HP	TOD	TOD	ES	GB	ETW	"EL" CL/ETW	ES/BAR	TBAR	BBAR	"E" CL	SEE "ER" LINE
Elev		44.91	48.03	48.20	48.20	48.03	48.43	48.47	49.43	49.63	52.63	48.04	47.25	
Dist		72.62	58.67	58.50	58.17	58.00	50.00	48.00	0.00	10.00	10.48	11.50	30.53	
X-Slope		-22.36%				-5.00%	-2.00%	-2.00%		2.00%			-4.17%	

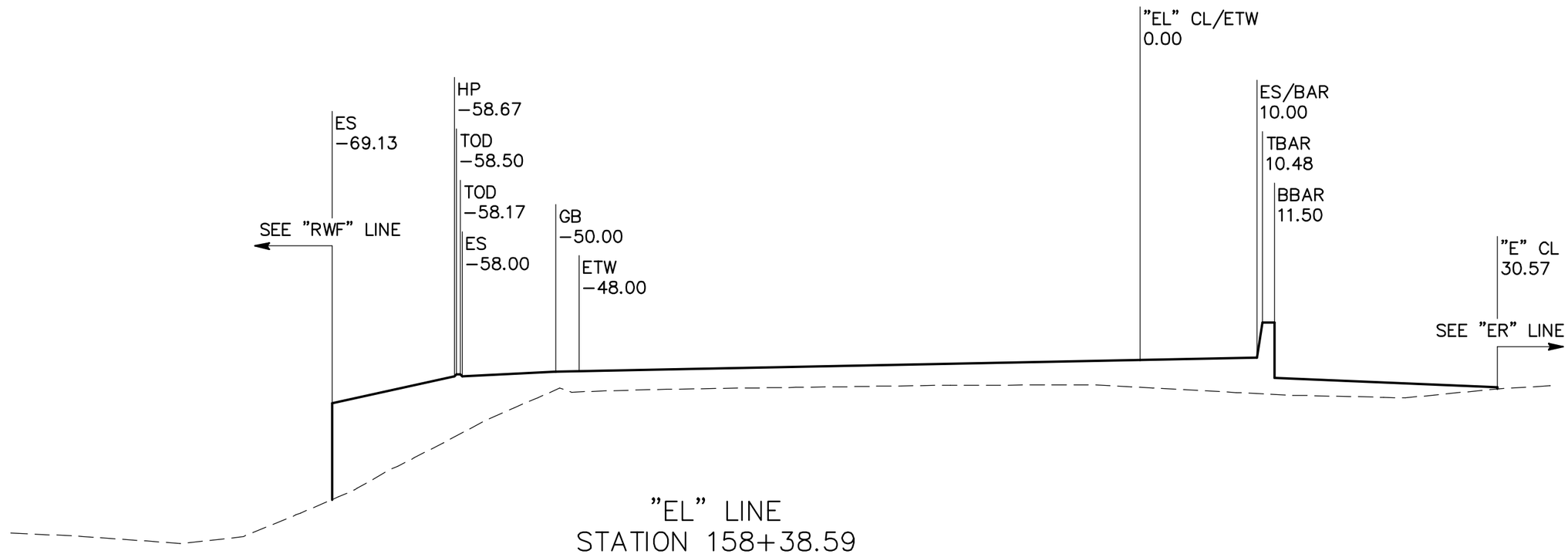
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"EL" LINE
STATION STA 158+31.70

	SEE "RWF" LINE	ES	HP	TOD	TOD	ES	GB	ETW	"EL" CL/ETW	ES/BAR	TBAR	BBAR	"E" CL	SEE "ER" LINE
Elev		45.30	47.75	47.92	47.92	47.75	48.15	48.19	49.15	49.35	52.35	47.63	46.83	
Dist		69.73	58.67	58.50	58.17	58.00	50.00	48.00	0.00	10.00	10.48	11.50	30.59	
X−Slope		−22.18%				−5.00%	−2.00%	−2.00%		2.00%			−4.17%	

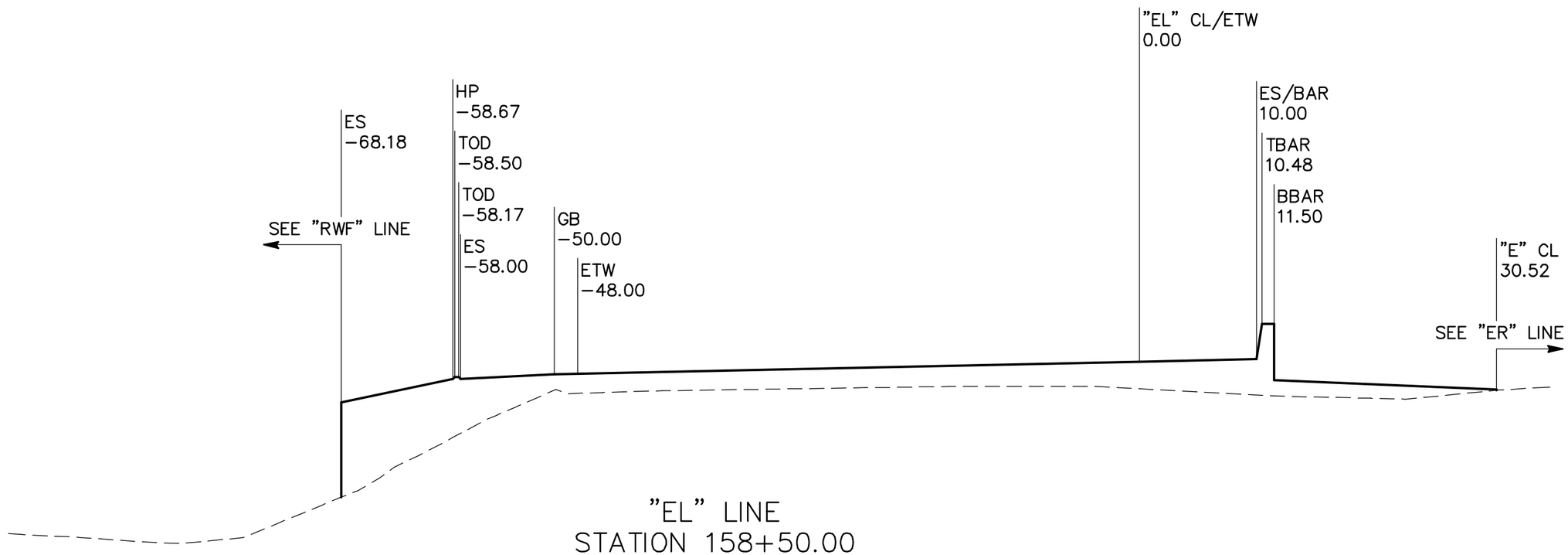
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"EL" LINE
STATION 158+38.59

	SEE "RWF" LINE	ES	HP	TOD	TOD	ES	GB	ETW	"EL" CL/ETW	ES/BAR	TBAR	BBAR	"E" CL	SEE "ER" LINE
Elev		45.40	47.69	47.86	47.86	47.69	48.09	48.13	49.09	49.29	52.29	47.54	46.76	
Dist		69.13	58.67	58.50	58.17	58.00	50.00	48.00	0.00	10.00	10.48	11.50	30.57	
X−Slope		−21.88%				−5.00%	−2.00%	−2.00%		2.00%			−4.11%	

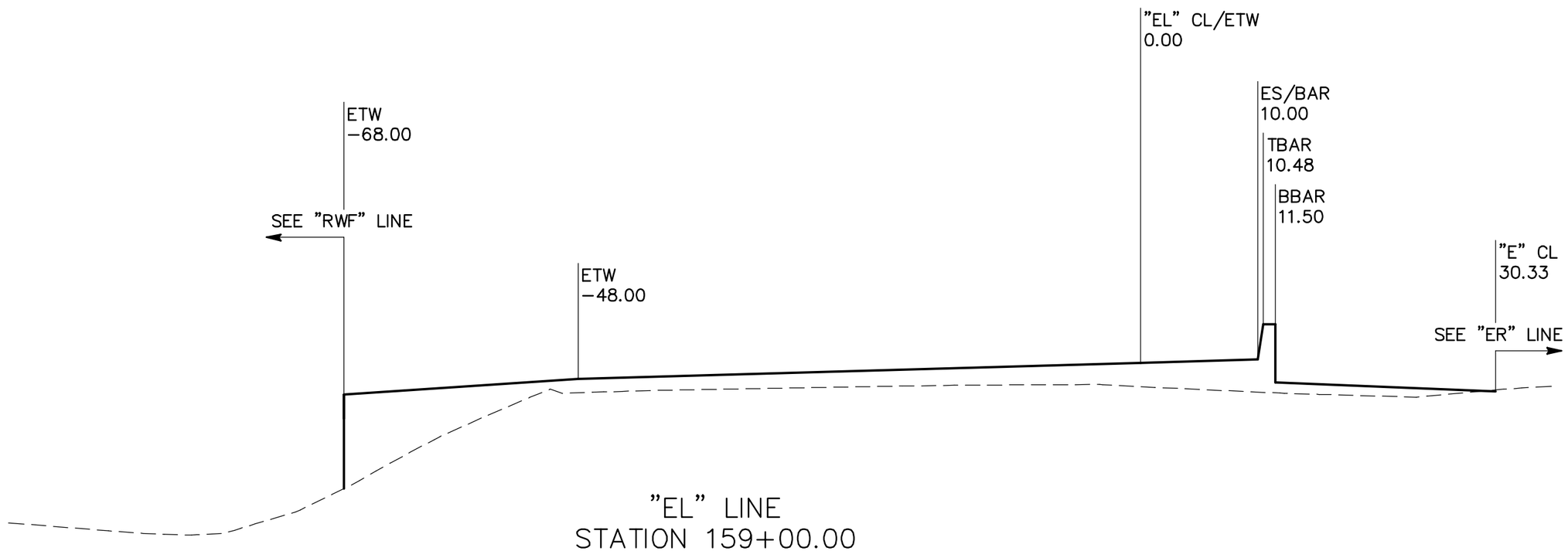
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"EL" LINE
STATION 158+50.00

	SEE "RWF" LINE	ES	HP	TOD	TOD	ES	GB	ETW	"EL" CL/ETW	ES/BAR	TBAR	BBAR	"E" CL	SEE "ER" LINE
Elev		45.52	47.51	47.68	47.68	47.51	47.91	47.95	48.99	49.21	52.21	47.41	46.62	
Dist		68.18	58.67	58.50	58.17	58.00	50.00	48.00	0.00	10.00	10.48	11.50	30.52	
X−Slope		−20.90%				−5.00%	−2.16%	−2.16%		2.19%			−4.17%	

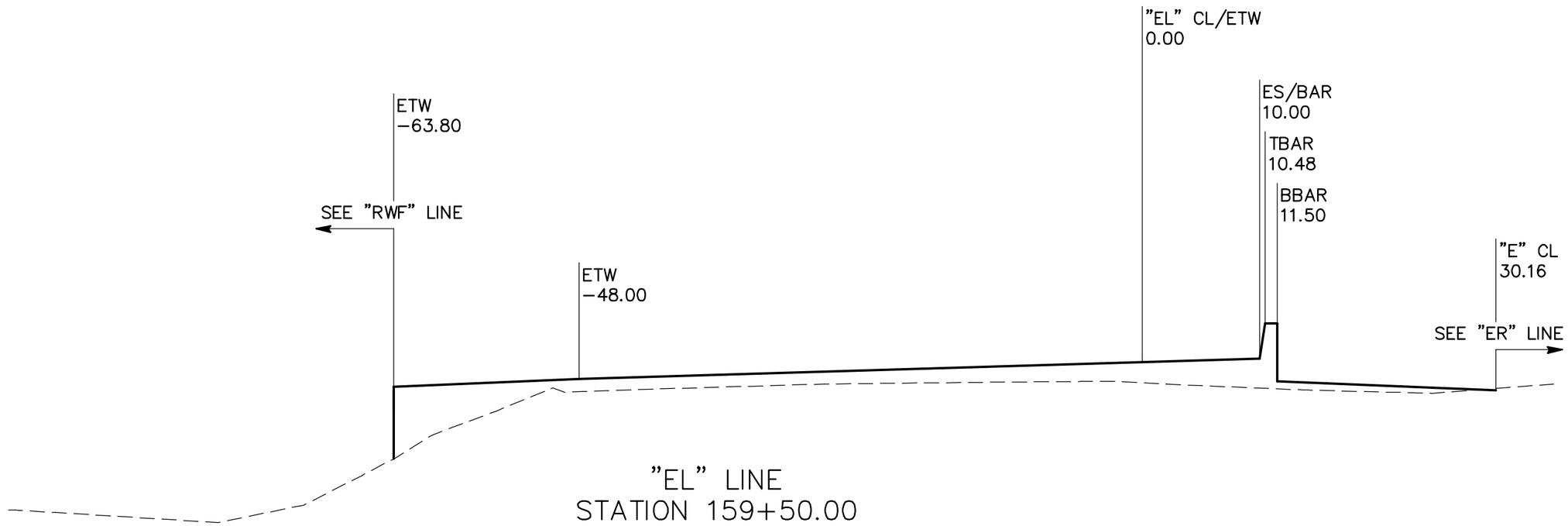
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"EL" LINE
STATION 159+00.00

	SEE "RWF" LINE	ETW	ETW	"EL" CL/ETW	ES/BAR	TBAR	BBAR	"E" CL	SEE "ER" LINE
Elev		45.84	47.19	48.57	48.86	51.86	46.90	46.12	
Dist		68.00	48.00	0.00	10.00	10.48	11.50	30.33	
X-Slope		-6.74%	-2.88%		2.88%			-4.16%	

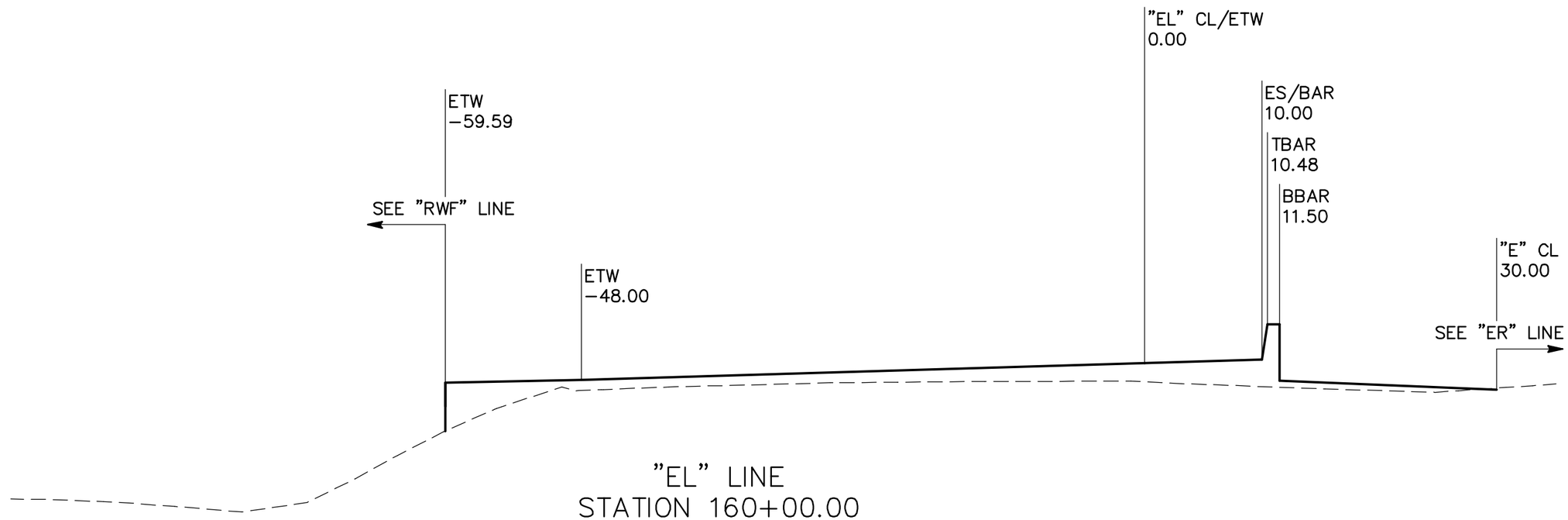
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"EL" LINE
STATION 159+50.00

	SEE "RWF" LINE	ETW	ETW	"EL" CL/ETW	ES/BAR	TBAR	BBAR	"E" CL	SEE "ER" LINE
Elev		46.10	46.76	48.20	48.50	51.50	46.55	45.77	
Dist		63.80	48.00	0.00	10.00	10.48	11.50	30.16	
X−Slope		−4.18%	−3.00%		3.00%			−4.17%	

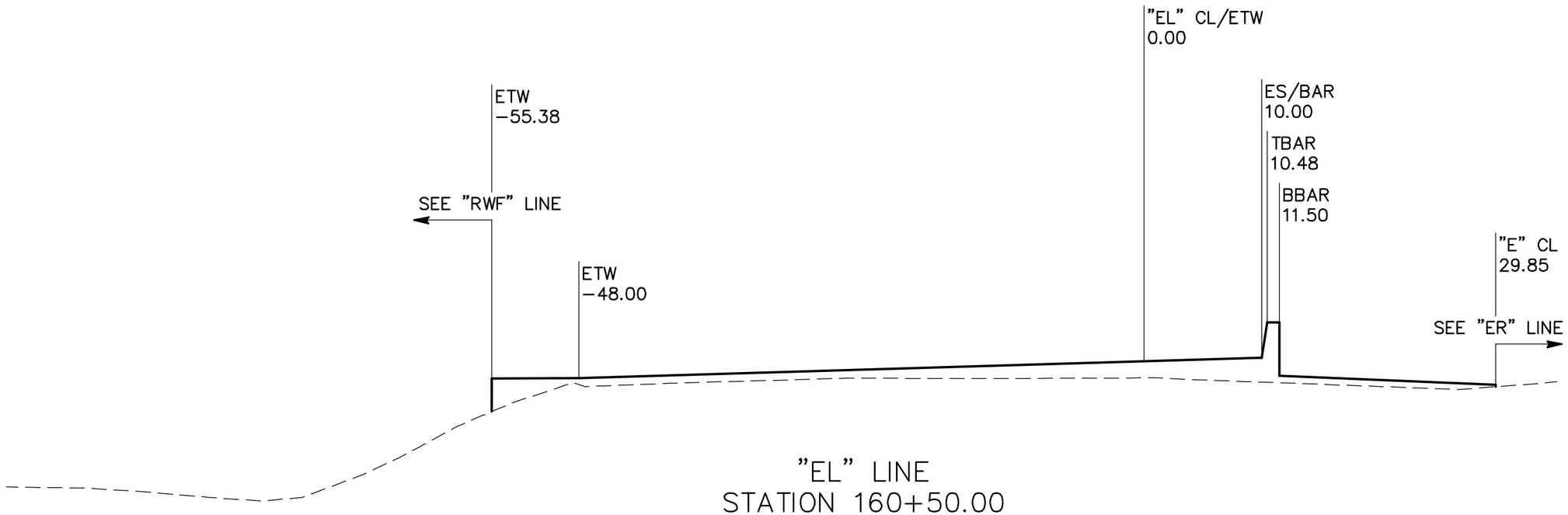
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"EL" LINE
STATION 160+00.00

	SEE "RWF" LINE	ETW	ETW	"EL" CL/ETW	ES/BAR	TBAR	BBAR	"E" CL	SEE "ER" LINE
Elev		46.19	46.42	47.86	48.16	51.16	46.35	45.58	
Dist		59.59	48.00	0.00	10.00	10.48	11.50	30.00	
X-Slope		-1.98%	-3.00%		3.00%			-4.17%	

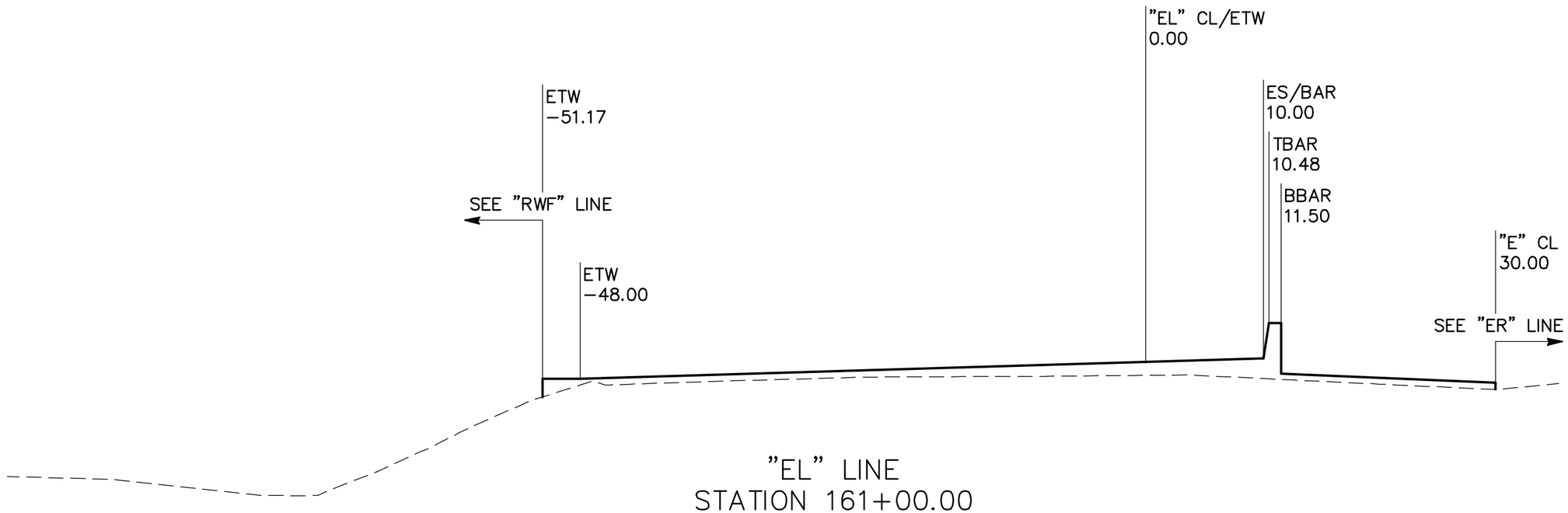
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"EL" LINE
STATION 160+50.00

	SEE "RWF" LINE	ETW	ETW	"EL" CL/ETW	ES/BAR	TBAR	BBAR	"E" CL	SEE "ER" LINE
Elev		46.10	46.13	47.57	47.87	50.87	46.31	45.52	
Dist		55.38	48.00	0.00	10.00	10.48	11.50	29.85	
X-Slope		-0.41%	-3.00%		3.00%			-4.29%	

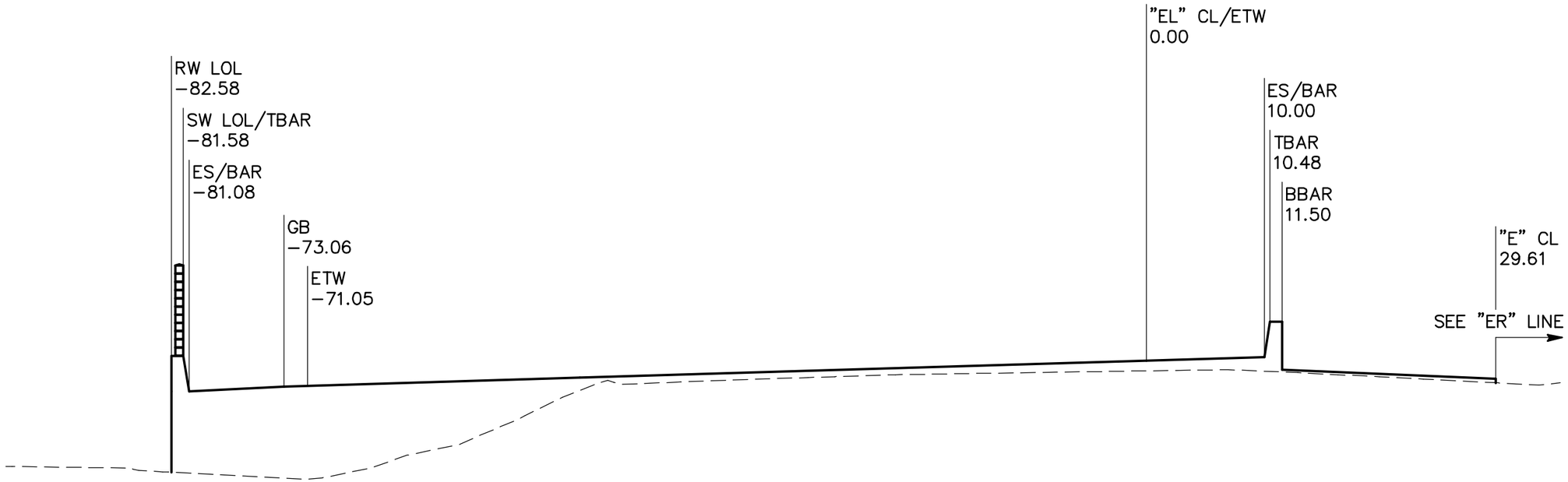
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"EL" LINE
STATION 161+00.00

	SEE "RWF" LINE	ETW	ETW	"EL" CL/ETW	ES/BAR	TBAR	BBAR	"E" CL	SEE "ER" LINE
Elev		45.89	45.88	47.32	47.62	50.62	46.32	45.56	
Dist		51.17	48.00	0.00	10.00	10.48	11.50	29.73	
X−Slope		0.24%	−3.00%		3.00%			−4.17%	

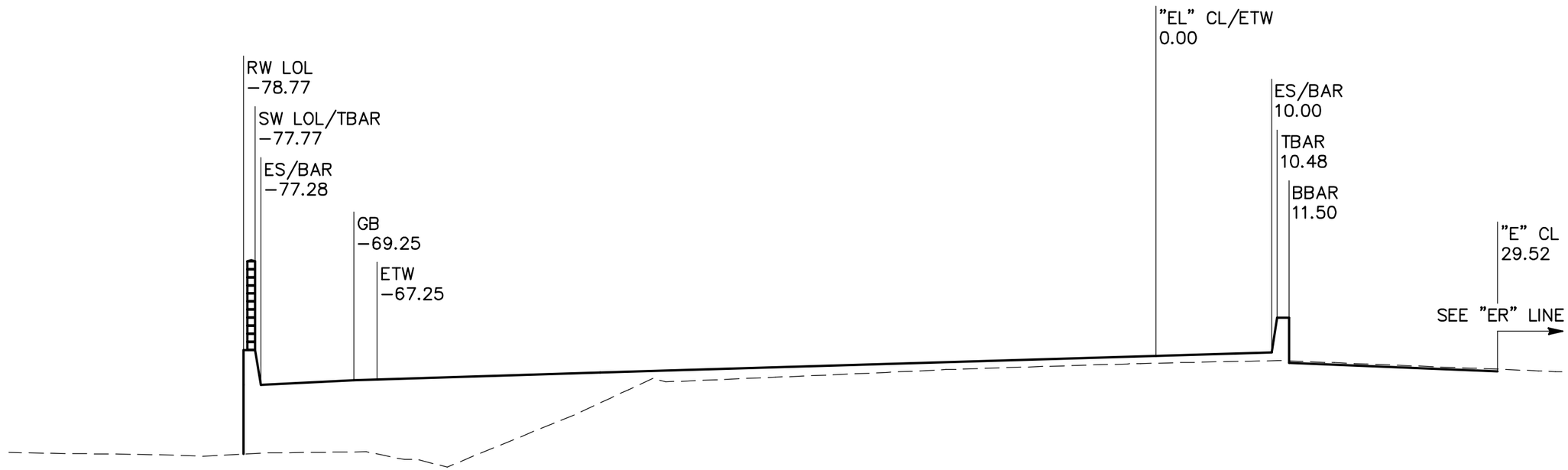
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"EL" LINE
STATION 161+50.00

	RW LOL	SW LOL/TBAR	ES/BAR	GB	ETW	"EL" CL/ETW	ES/BAR	TBAR	BBAR	"E" CL	SEE "ER" LINE
Elev	(37.65)	47.52	44.52	44.92	44.98	47.11	47.41	50.41	46.34	45.58	
Dist	82.58	81.58	81.08	73.06	71.05	0.00	10.00	10.48	11.50	29.61	
X−Slope			−5.00%	−3.00%	−3.00%		3.00%			−4.17%	

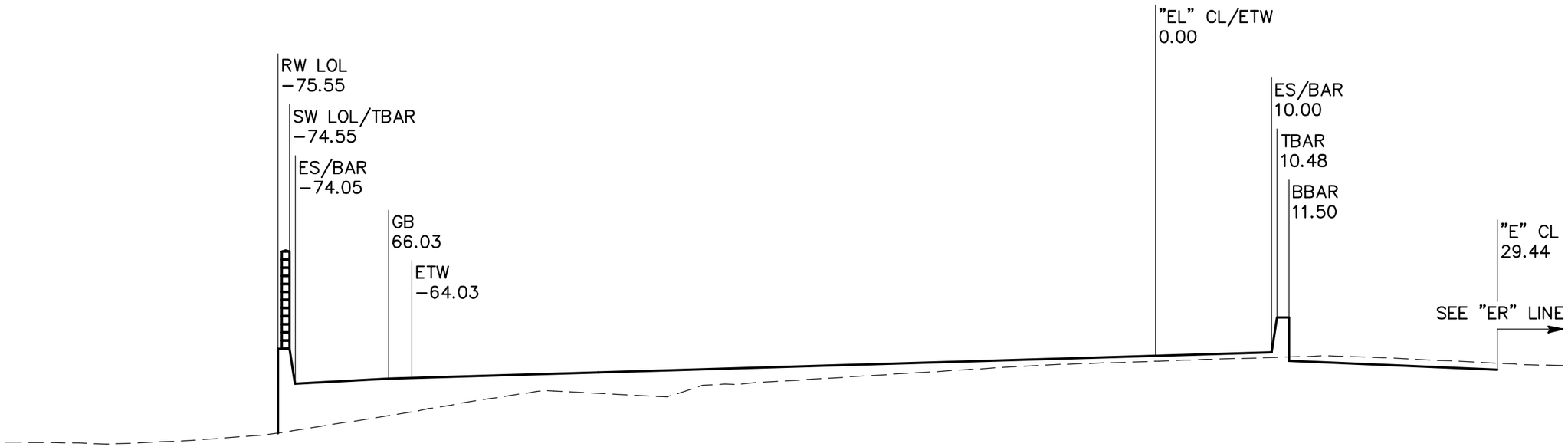
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"EL" LINE
STATION 162+00.00

	RW LOL	SW LOL/TBAR	ES/BAR	GB	ETW	"EL" CL/ETW	ES/BAR	TBAR	BBAR	"E" CL	SEE "ER" LINE
Elev	(38.47)	44.46	44.46	44.86	44.92	46.94	47.24	50.24	46.35	45.60	
Dist	78.77	77.77	77.28	69.25	67.25	0.00	10.00	10.48	11.50	29.52	
X−Slope			−5.00%	−3.00%	−3.00%		3.00%			−4.17%	

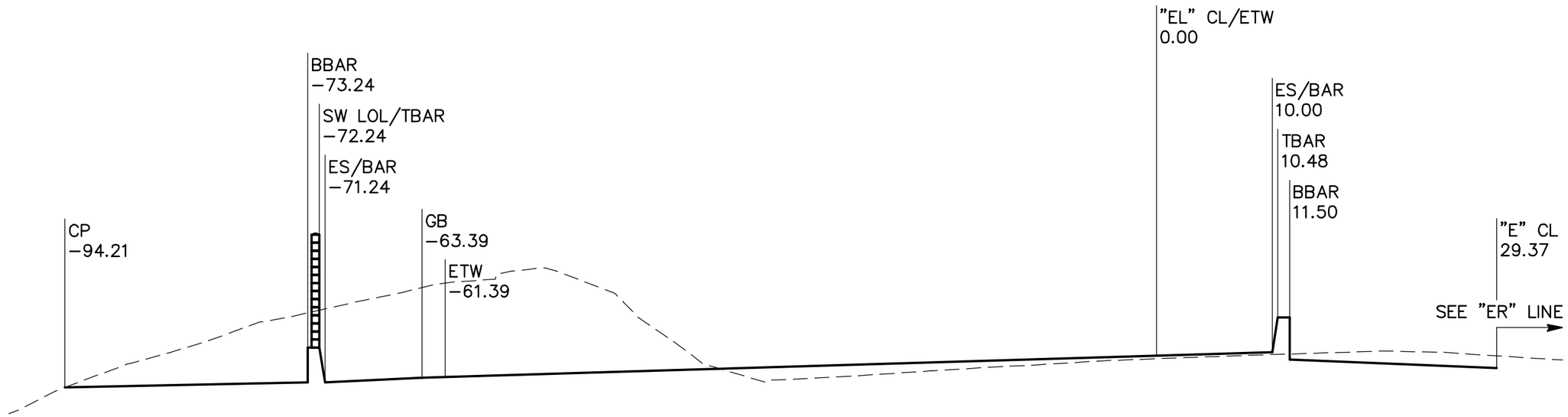
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"EL" LINE
STATION 162+50.00

	RW LOL	SW LOL/TBAR	ES/BAR	GB	ETW	"EL" CL/ETW	ES/BAR	TBAR	BBAR	"E" CL	SEE "ER" LINE
Elev	(40.17)	47.43	44.43	44.83	44.89	46.81	47.11	50.11	46.37	45.63	
Dist	75.55	74.55	74.05	66.03	64.03	0.00	10.00	10.48	11.50	29.44	
X−Slope			−5.00%	−3.00%	−3.00%		3.00%			−4.17%	

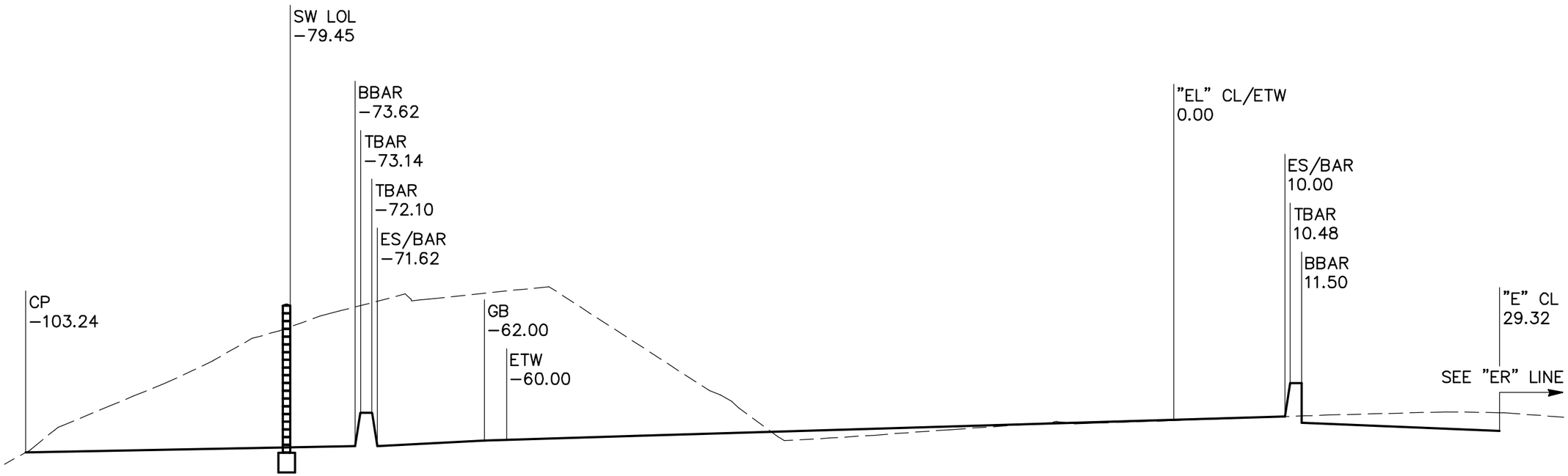
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"EL" LINE
STATION 163+00.00

	CP	BBAR	SW LOL/TBAR	ES/BAR	GB	ETW	"EL" CL/ETW	ES/BAR	TBAR	BBAR	"E" CL	SEE "ER" LINE
Elev	43.98	44.40	47.40	44.40	44.82	44.88	46.72	47.02	50.02	46.39	45.65	
Dist	94.21	73.24	72.24	71.74	63.39	61.39	0.00	10.00	10.48	11.50	29.37	
X−Slope	−2.00%			−5.00%	−3.00%	−3.00%		3.00%			−4.17%	

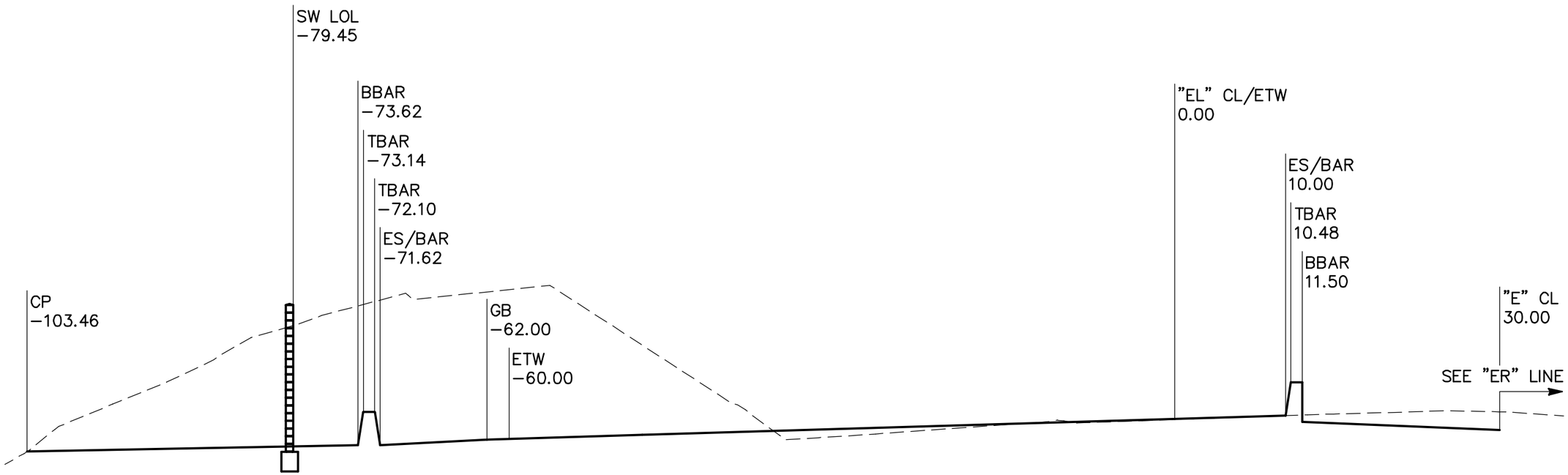
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"EL" LINE
STATION 163+48.47

	CP	SW LOL	BBAR	TBAR	TBAR	ES/BAR	GB	ETW	"EL" CL/ETW	ES/BAR	TBAR	BBAR	"E" CL	SEE "ER" LINE
Elev	43.74	44.21	44.33	47.33	47.33	44.33	44.81	44.87	46.67	46.97	49.97	46.41	45.66	
Dist	103.24	79.45	73.62	73.14	72.10	71.62	62.00	60.00	0.00	10.00	10.48	11.50	29.32	
X−Slope	−2.00%	−2.00%				−5.00%	−3.00%	−3.00%		3.00%			−4.17%	

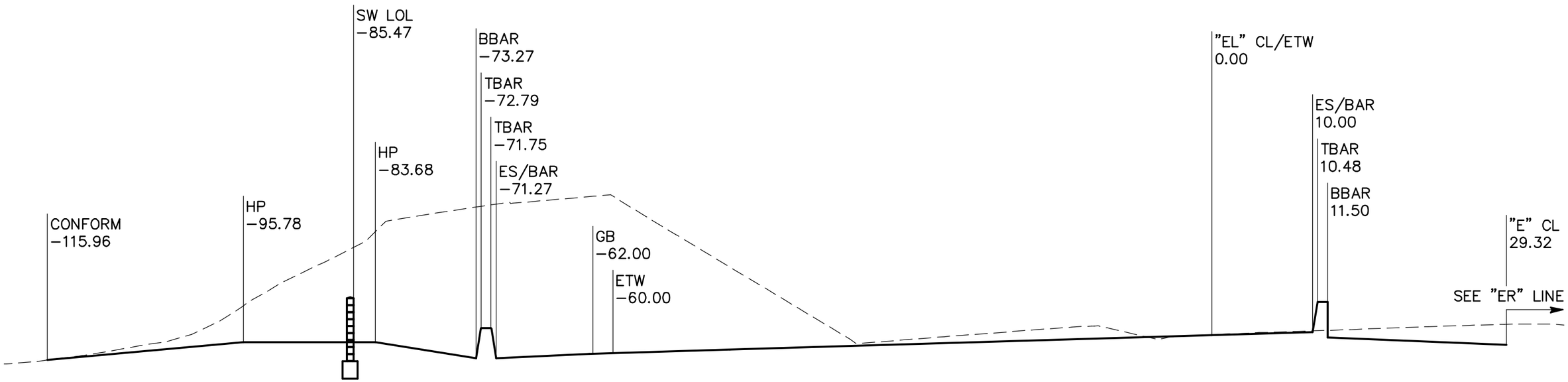
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"EL" LINE
STATION 163+50.00

	Conform	LOL	BBAR	TBAR	TBAR	ES/BAR	Left GB	ETW	"EL" CL/ETW	ES/BAR	TBAR	BBAR	"E" CL	SEE "ER" LINE
Elev	43.73	44.21	44.33	47.33	47.33	44.33	44.81	44.87	46.67	46.97	49.97	46.41	45.67	
Dist	103.46	79.45	73.62	73.14	72.10	71.62	62.00	60.00	0.00	10.00	10.48	11.50	29.32	
X−Slope	−2.00%	−2.00%				−5.00%	−3.00%	−3.00%		3.00%			−4.17%	

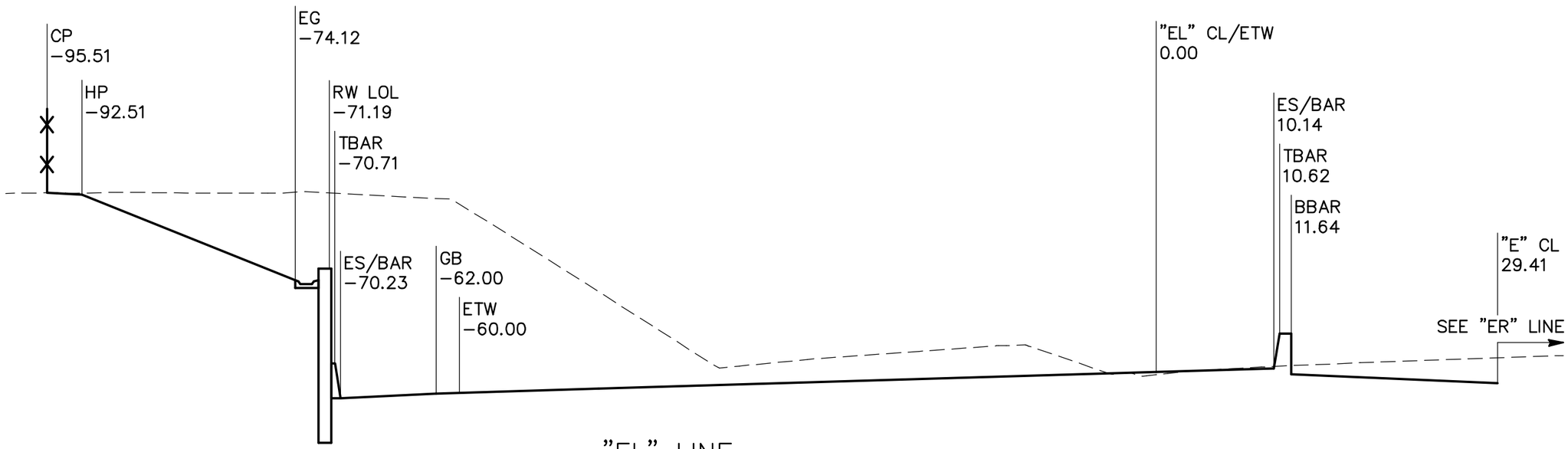
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"EL" LINE
STATION 164+00.00

	Conform	HP	LOL	HP	BBAR	TBAR	TBAR	ES/BAR	GB	ETW	"EL" CL/ETW	ES/BAR	TBAR	BBAR	"E" CL	SEE "ER" LINE
Elev	44.18	45.94	45.94	45.94	44.33	45.34	45.34	44.34	44.80	44.86	46.66	46.96	49.96	46.43	45.69	
Dist	115.96	95.78	85.47	83.68	73.27	72.79	71.75	71.27	62.00	60.00	0.00	10.04	10.52	11.54	29.32	
X−Slope								−5.00%	−3.00%	−3.00%		3.00%			−4.17%	

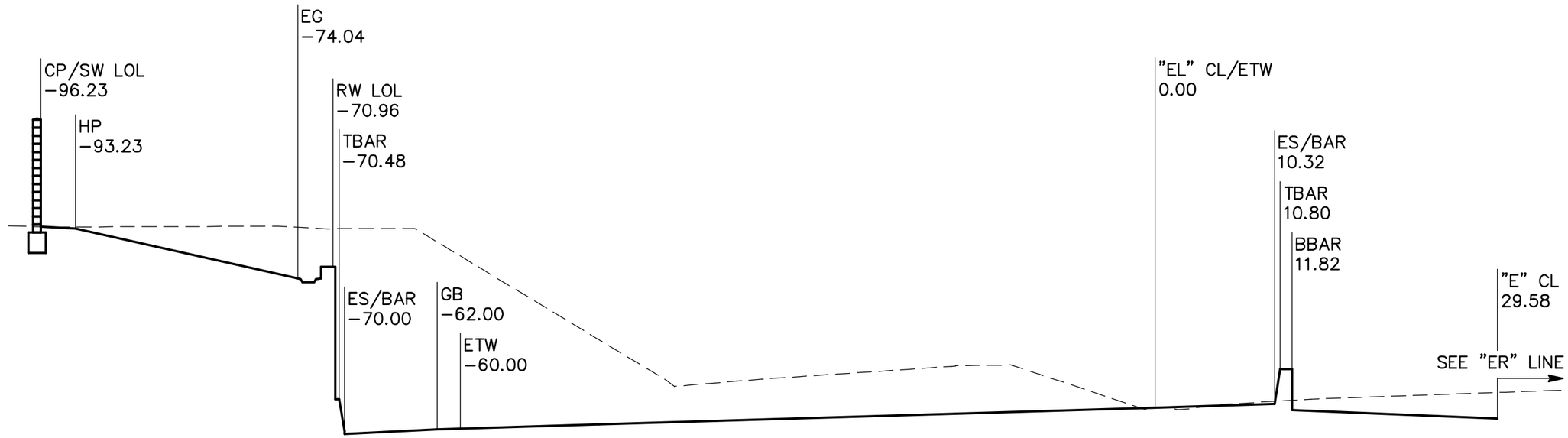
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"EL" LINE
STATION 164+50.00

	CP	HP	EG	RW LOL	TBAR	ES/BAR	GB	ETW	"EL" CL/ETW	ES/BAR	TBAR	BBAR	"E" CL	SEE "ER" LINE
Elev	62.11	61.96	54.57		47.42	44.42	44.83	44.89	46.69	46.99	49.99	46.48	45.74	
Dist	95.51	92.51	74.12	71.19	70.71	70.23	62.00	60.00	0.00	10.14	10.62	11.64	29.41	
X−Slope	5.00%	40.21%				−5.00%	−3.00%	−3.00%		3.00%			−4.17%	

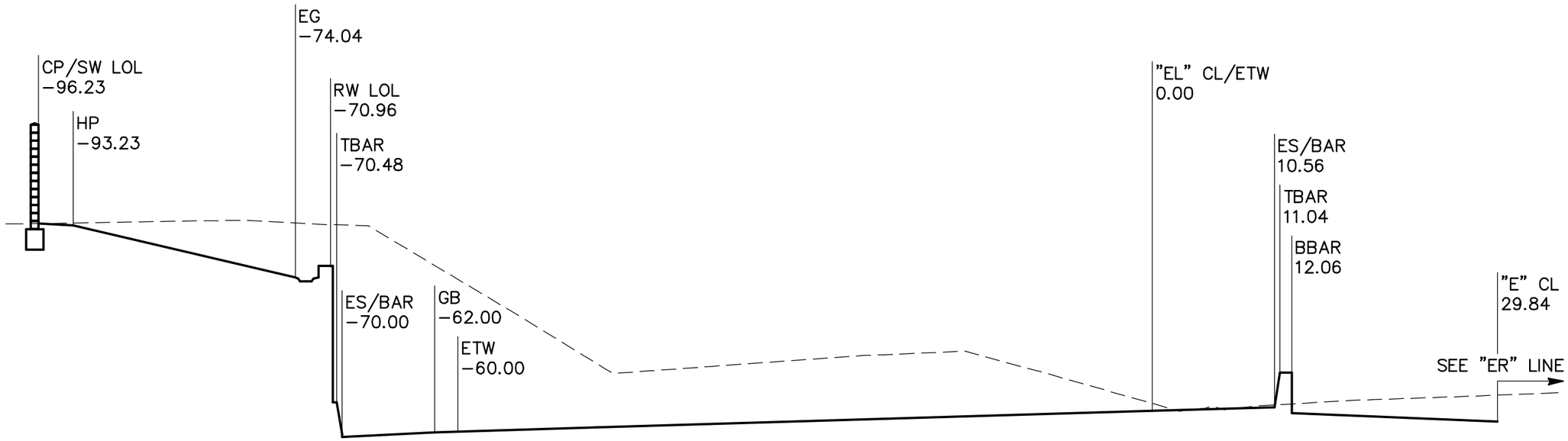
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"EL" LINE
STATION 165+00.00

	CP/SW LOL	HP	EG	RW LOL	TBAR	ES/BAR	GB	ETW	"EL" CL/ETW	ES/BAR	TBAR	BBAR	"E" CL	SEE "ER" LINE
Elev	62.37	62.22	57.93		47.50	44.50	44.90	44.96	46.76	47.07	50.07	46.55	45.81	
Dist	96.23	93.23	74.04	70.96	70.48	70.00	62.00	60.00	0.00	10.32	10.80	11.82	29.58	
X−Slope	5.00%	22.36%				−5.00%	−3.00%	−3.00%		3.00%			−4.17%	

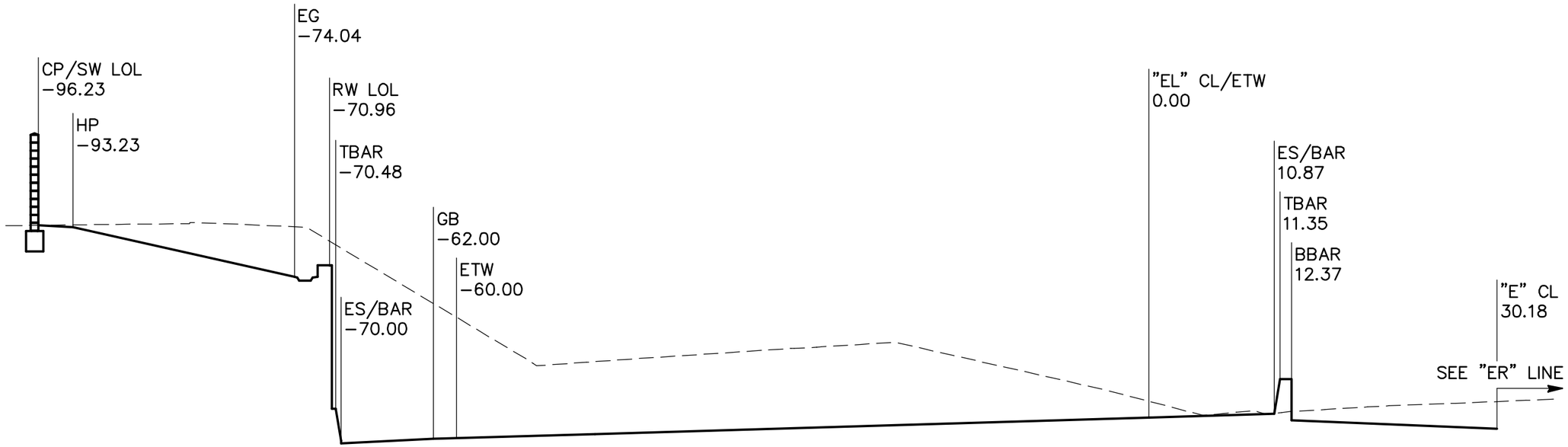
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"EL" LINE
STATION 165+50.00

	CP/SW LOL	HP	EG	RW LOL	TBAR	ES/BAR	Left GB	ETW	"EL" CL/ETW	ES/BAR	TBAR	BBAR	"E" CL	SEE "ER" LINE
Elev	63.08	62.93	58.41		47.62	44.62	45.02	45.08	46.88	47.20	50.20	46.69	45.95	
Dist	96.23	93.23	74.04	70.96	70.48	70.00	62.00	60.00	0.00	10.56	11.04	12.06	29.84	
X-Slope	5.00%	23.58%				-5.00%	-3.00%	-3.00%		3.00%			-4.17%	

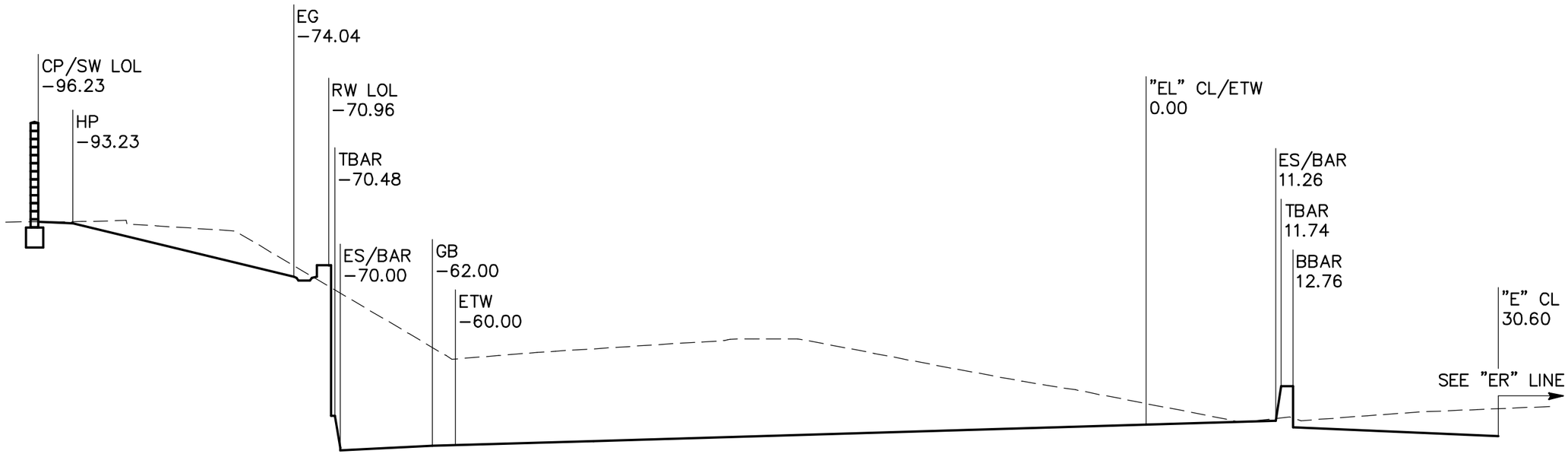
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"EL" LINE
STATION 166+00.00

	CP/SW LOL	HP	EG	RW LOL	TBAR	ES/BAR	GB	ETW	"EL" CL/ETW	ES/BAR	TBAR	BBAR	"E" CL	SEE "ER" LINE
Elev	63.68	63.53	59.23		47.77	44.77	45.17	45.23	47.03	47.36	50.36	46.80	46.06	
Dist	96.23	93.23	74.04	70.96	70.48	70.00	62.00	60.00	0.00	10.87	11.35	12.37	30.18	
X−Slope	5.00%	22.43%				−5.00%	−3.00%	−3.00%		3.00%			−4.17%	

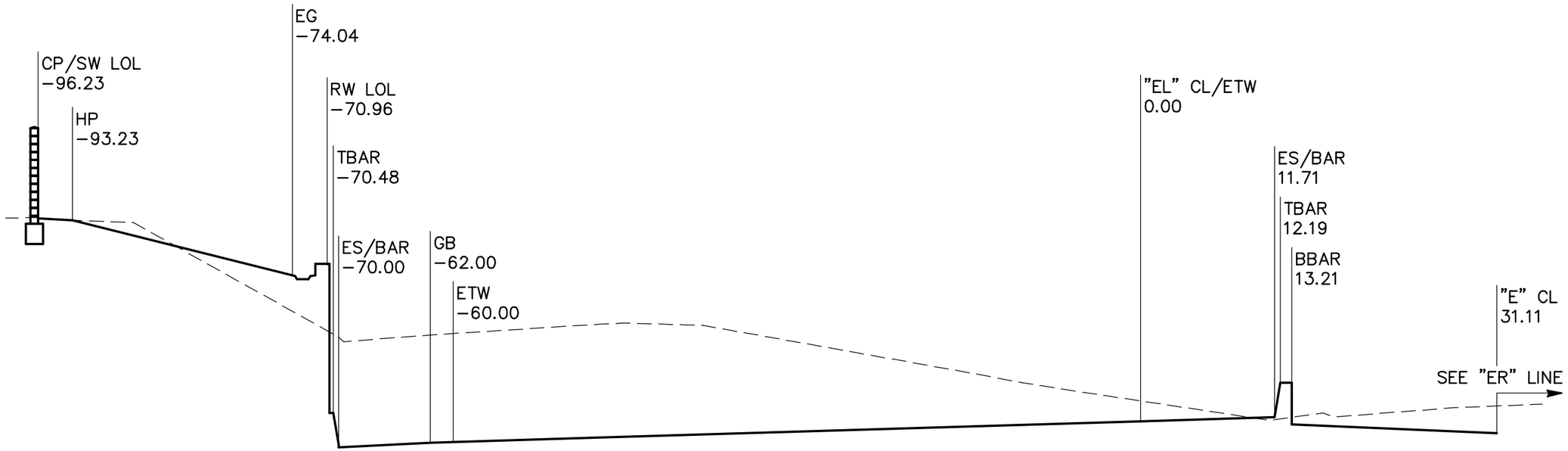
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"EL" LINE
STATION 166+50.00

	CP/SW LOL	HP	EG	RW LOL	TBAR	ES/BAR	GB	ETW	"EL" CL/ETW	ES/BAR	TBAR	BBAR	"E" CL	SEE "ER" LINE
Elev	64.83	64.68	60.05		47.97	44.97	45.37	45.43	47.23	47.57	50.57	46.97	46.23	
Dist	96.23	93.23	74.04	70.96	70.48	70.00	62.00	60.00	0.00	11.26	11.74	12.76	30.60	
X-Slope	5.00%	24.11%				-5.00%	-3.00%	-3.00%		3.00%			-4.16%	

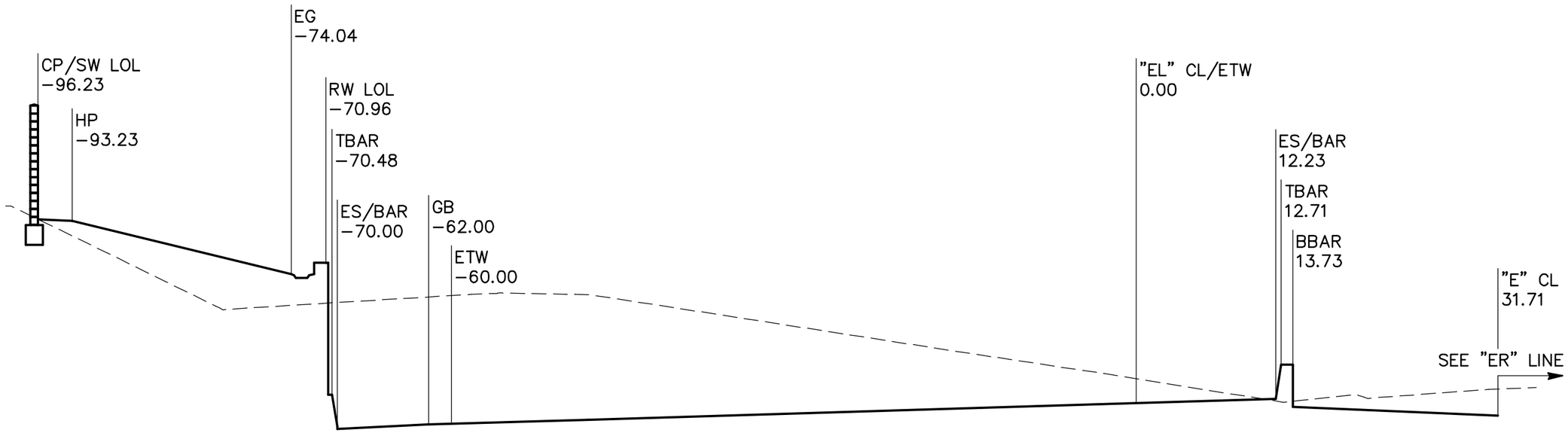
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"EL" LINE
STATION 167+00.00

	CP/SW LOL	HP	EG	RW LOL	TBAR	ES/BAR	GB	ETW	"EL" CL/ETW	ES/BAR	TBAR	BBAR	"E" CL	SEE "ER" LINE
Elev	65.15	65.00	60.20		48.20	45.20	45.60	45.66	47.46	47.81	50.81	47.17	46.43	
Dist	96.23	93.23	74.04	70.96	70.48	70.00	62.00	60.00	0.00	11.71	12.19	13.21	31.11	
X−Slope	5.00%	25.00%				−5.00%	−3.00%	−3.00%		3.00%			−4.17%	

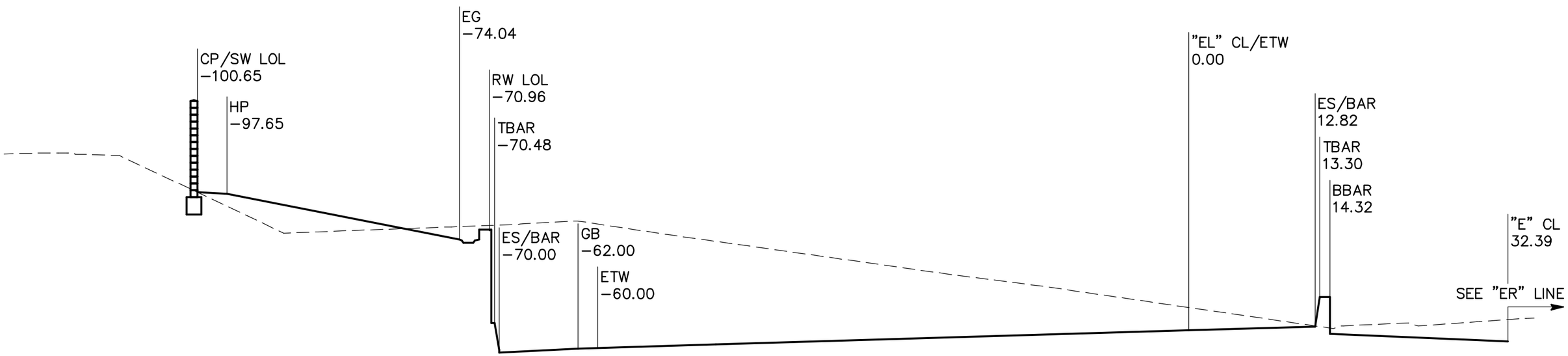
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"EL" LINE
STATION 167+50.00

	CP/SW LOL	HP	EG	RW LOL	TBAR	ES/BAR	GB	ETW	"EL" CL/ETW	ES/BAR	TBAR	BBAR	"E" CL	SEE "ER" LINE
Elev	63.86	63.71	59.05		48.48	45.48	45.88	45.94	47.74	48.11	51.11	47.41	46.66	
Dist	96.23	93.23	74.04	70.96	70.48	70.00	62.00	60.00	0.00	12.23	12.71	13.73	31.71	
X−Slope	5.00%	24.31%				−5.00%	−3.00%	−3.00%		3.00%			−4.17%	

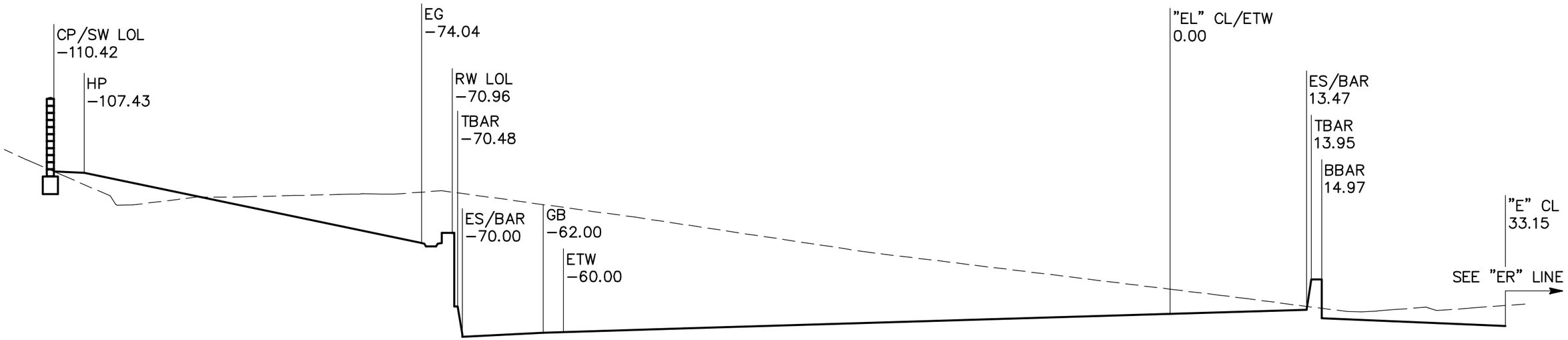
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"EL" LINE
STATION 168+00.00

	CP/SW LOL	HP	EG	RW LOL	TBAR	ES/BAR	GB	ETW	"EL" CL/ETW	ES/BAR	TBAR	BBAR	"E" CL	SEE "ER" LINE
Elev	62.04	61.89	57.24		48.79	45.79	46.19	46.25	48.05	48.43	51.43	47.67	46.92	
Dist	100.65	97.65	74.04	70.96	70.48	70.00	62.00	60.00	0.00	12.82	13.30	14.32	32.39	
X−Slope	5.00%	19.71%				−5.00%	−3.00%	−3.00%	3.00%	3.00%			−4.17%	

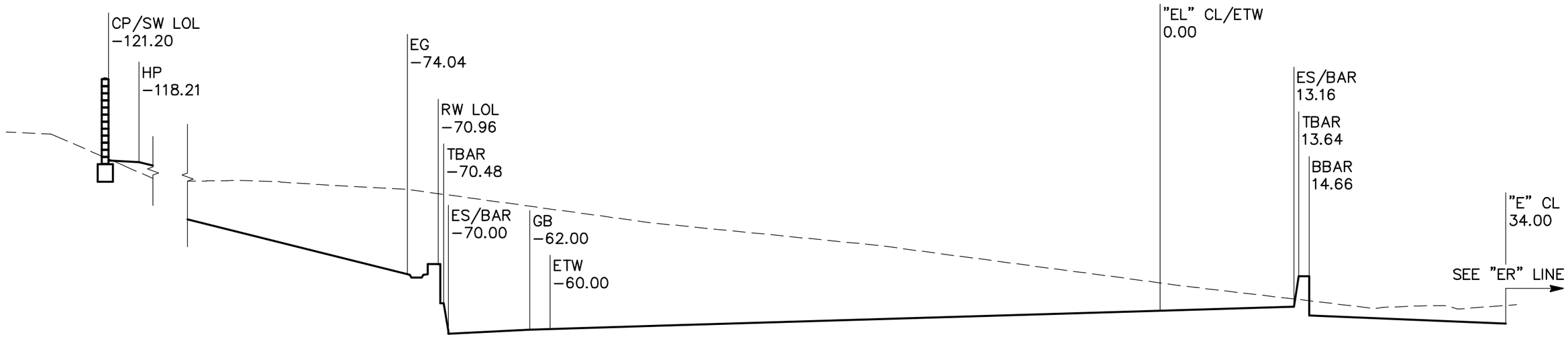
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"EL" LINE
STATION 168+50.00

	CP/SW LOL	HP	EG	RW LOL	TBAR	ES/BAR	GB	ETW	"EL" CL/ETW	ES/BAR	TBAR	BBAR	"E" CL	SEE "ER" LINE
Elev	62.49	62.34	55.42		49.15	46.15	46.55	46.61	48.41	48.81	51.81	47.97	47.21	
Dist	110.42	107.43	74.04	70.96	70.48	70.00	62.00	60.00	0.00	13.47	13.95	14.97	33.15	
X-Slope	5.01%	20.72%				-5.00%	-3.00%	-3.00%	3.00%	3.00%			-4.17%	

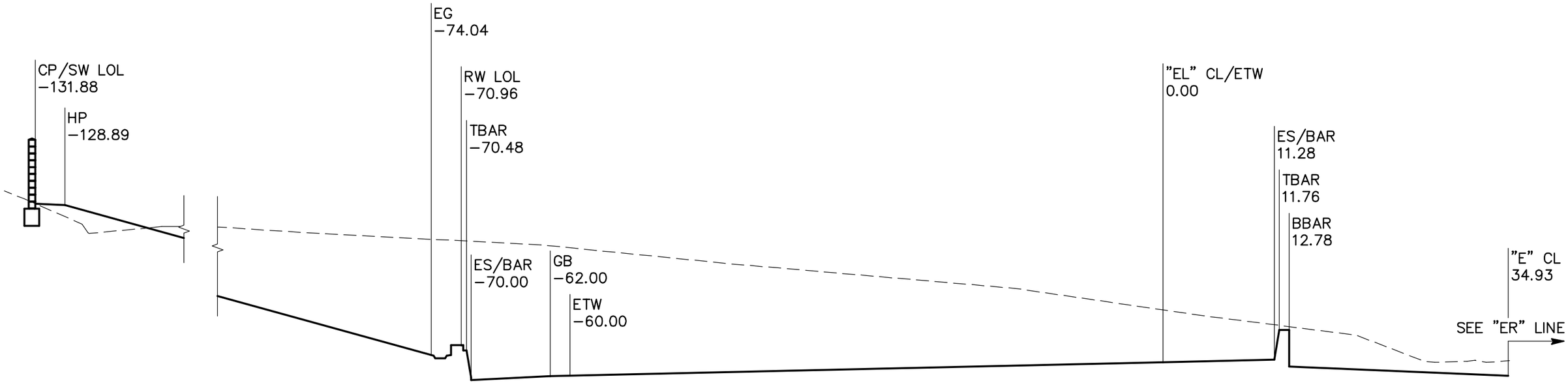
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"EL" LINE
STATION 169+00.00

	CP/SW LOL	HP	EG	RW LOL	TBAR	ES/BAR	GB	ETW	"EL" CL/ETW	ES/BAR	TBAR	BBAR	"E" CL	SEE "ER" LINE
Elev	63.61	63.46	52.42		47.55	46.55	46.95	47.01	48.81	49.20	52.20	48.34	47.54	
Dist	121.20	118.21	74.04	70.96	70.48	70.00	62.00	60.00	0.00	13.16	13.64	14.66	34.00	
X-Slope	5.02%	25.00%				-5.00%	-3.00%	-3.00%		3.00%			-4.17%	

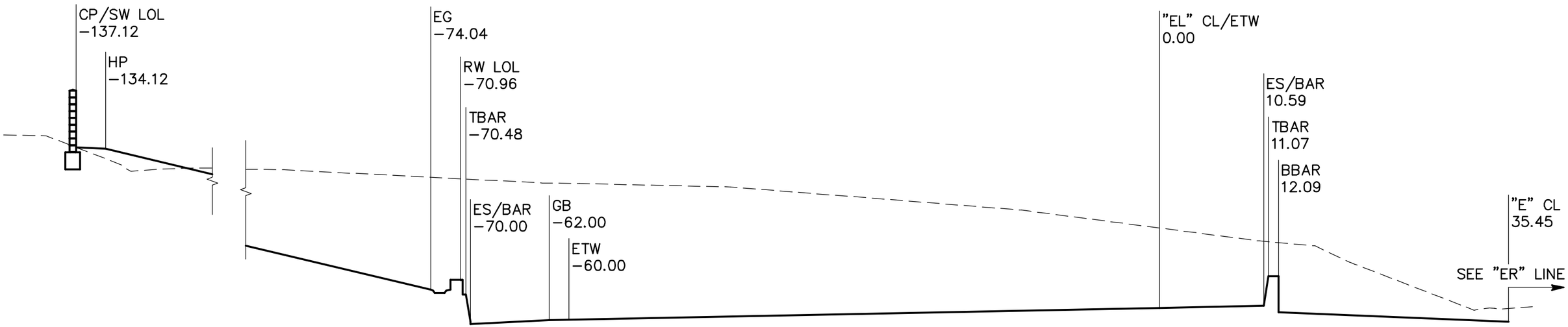
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"EL" LINE
STATION 169+50.00

	CP/SW LOL	HP	EG	RW LOL	TBAR	ES/BAR	GB	ETW	"EL" CL/ETW	ES/BAR	TBAR	BBAR	"E" CL	SEE "ER" LINE
Elev	65.30	65.15	49.99		50.44	47.44	47.84	47.89	49.25	49.51	52.51	48.82	47.89	
Dist	131.88	128.89	74.04	70.96	70.48	70.00	62.00	60.00	0.00	11.28	11.76	12.78	34.93	
X−Slope	5.01%	27.64%				−5.00%	−2.27%	−2.27%		2.27%			−4.17%	

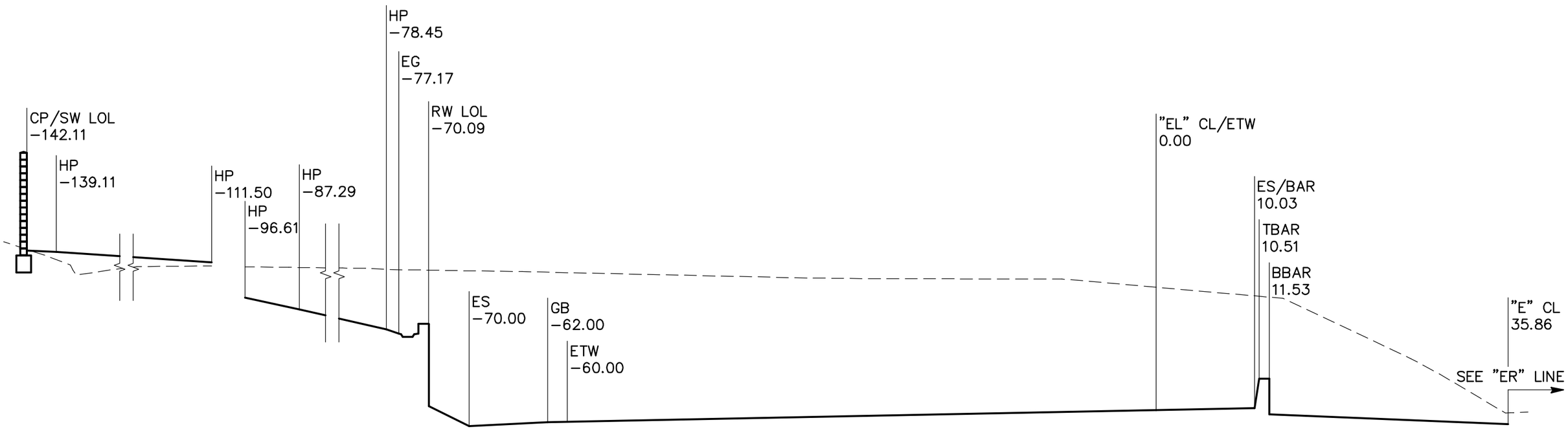
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"EL" LINE
STATION 169+75.87

	CP/SW LOL	HP	EG	RW LOL	TBAR	ES/BAR	Left GB	ETW	"EL" CL/ETW	ES/BAR	TBAR	BBAR	"E" CL	SEE "ER" LINE
Elev	65.82	65.67	51.35		50.85	47.85	48.25	48.29	49.49	49.70	52.70	49.06	48.08	
Dist	137.12	134.12	74.04	70.96	70.48	70.00	62.00	60.00	0.00	10.59	11.07	12.09	35.45	
X-Slope	5.00%	23.84%				-5.00%	-2.00%	-2.00%		2.02%			-4.17%	

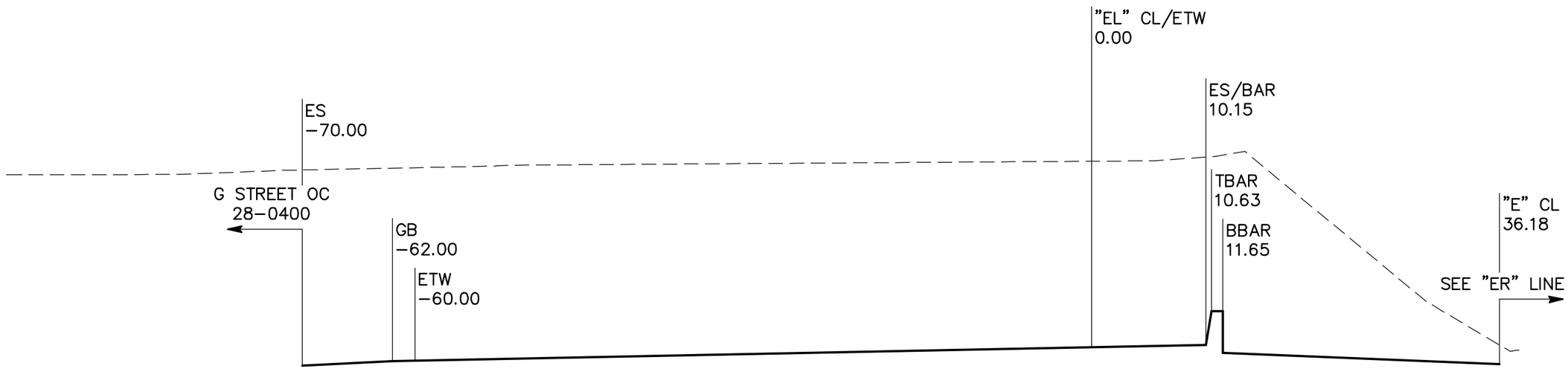
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"EL" LINE
STATION STA 170+00.00

	CP/SW LOL	HP	HP	HP	HP	HP	EG	RW LOL	ES	GB	ETW	"EL" CL/ETW	ES/BAR	TBAR	BBAR	"E" CL SEE "ER" LINE
Elev	66.00	65.85	64.00	62.00	60.04	57.96	57.52	50.13	48.08	48.48	48.52	49.72	49.92	52.92	49.30	48.29
Dist	142.11	139.11	111.50	96.61	87.29	78.45	77.17	74.09	70.00	62.00	60.00	0.00	10.03	10.51	11.53	35.86
X−Slope	5.00%	6.70%	13.43%	21.03%	23.53%	34.48%		50.03%	−5.00%	−2.00%	−2.00%		1.99%			−4.17%

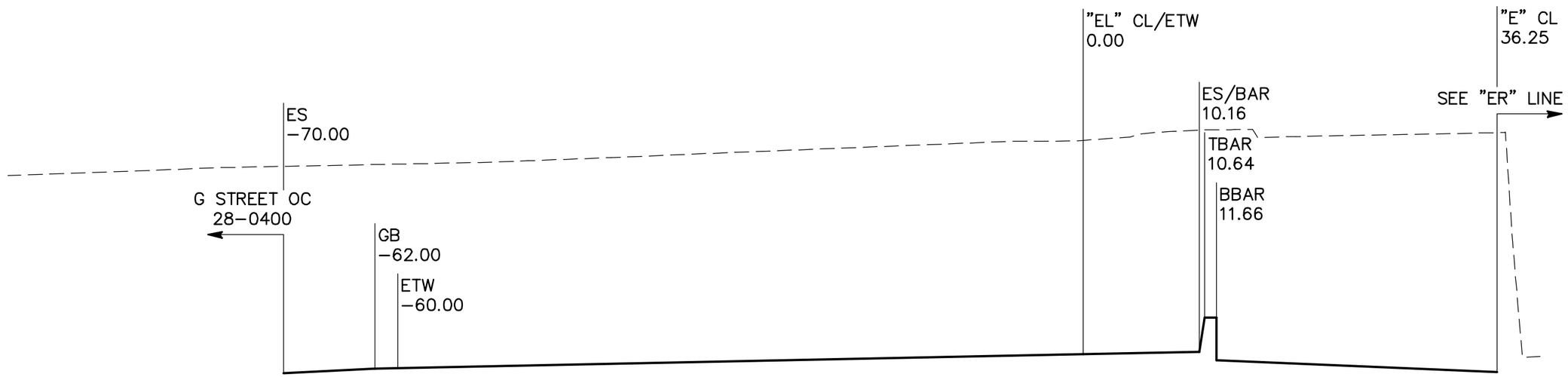
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"EL" LINE
STATION 170+31.70

	G STREET OC 28−0400	ES	GB	ETW	"EL" CL/ETW	ES/BAR	TBAR	BBAR	"E" CL	SEE "ER" LINE
Elev		48.41	48.81	48.85	50.05	50.25	53.25	49.56	48.54	
Dist		70.00	62.00	60.00	0.00	10.15	10.63	11.65	36.18	
X−Slope		−5.00%	−2.00%	−2.00%		2.00%			−4.17%	

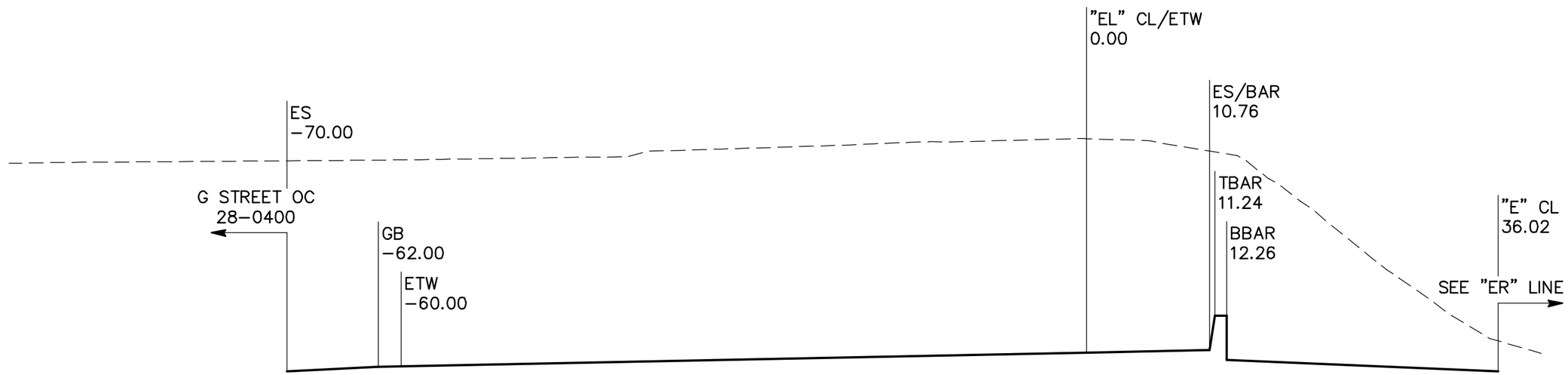
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"EL" LINE
STATION 170+50.00

	G STREET OC 28−0400	ES	GB	ETW	"EL" CL/ETW	ES/BAR	TBAR	BBAR	"E" CL	SEE "ER" LINE
Elev		48.60	49.00	49.04	50.24	50.44	53.44	49.71	48.69	
Dist		70.00	62.00	60.00	0.00	10.16	10.64	11.66	36.25	
X−Slope		−5.00%	−2.00%	−2.00%		2.00%			−4.17%	

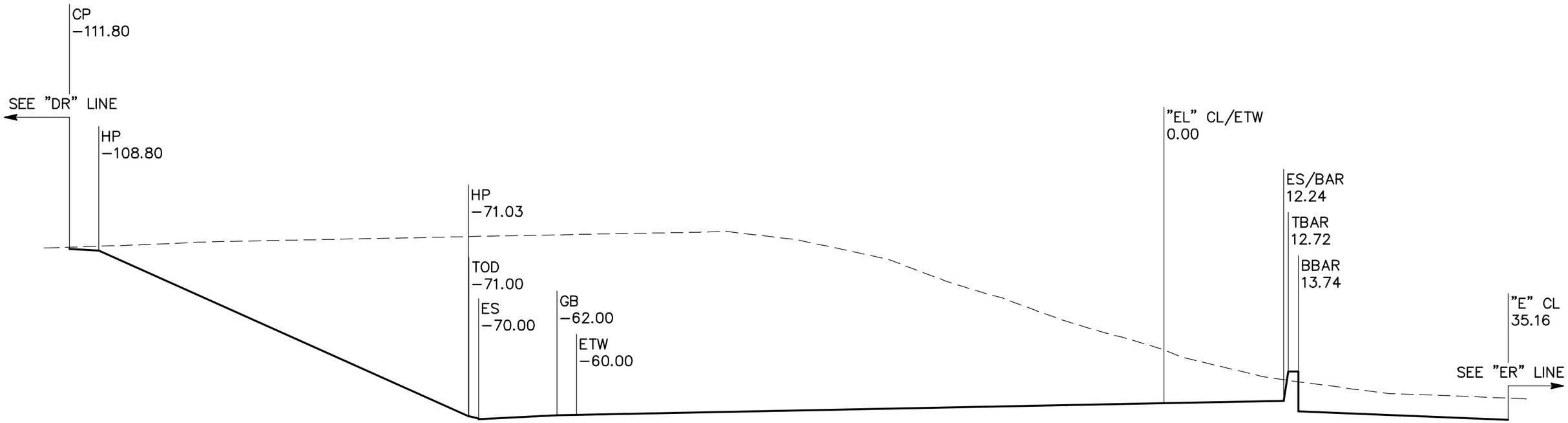
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"EL" LINE
STATION 171+00.00

	G STREET OC 28-0400	ES	GB	ETW	"EL" CL/ETW	ES/BAR	TBAR	BBAR	"E" CL	SEE "ER" LINE
Elev		49.12	49.52	49.56	50.76	50.98	53.98	50.12	49.13	
Dist		70.00	62.00	60.00	0.00	10.76	11.24	12.26	36.02	
X-Slope		-5.00%	-2.00%	-2.00%		2.00%			-4.17%	

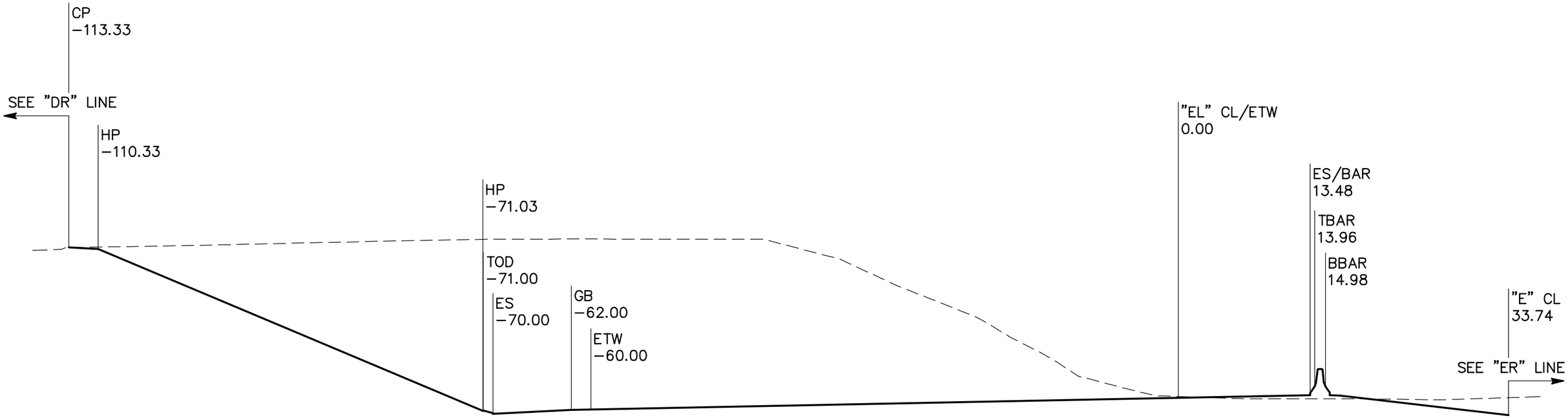
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"EL" LINE
STATION 171+50.00

	SEE "DR" LINE	CP	HP	HP	TOD	ES	GB	ETW	"EL" CL/ETW	ES/BAR	TBAR	BBAR	"E" CL	SEE "ER" LINE
Elev		67.00	66.85	49.94	49.96	49.64	50.04	50.08	51.28	51.52	54.52	50.47	49.57	
Dist		111.80	108.80	71.03	71.00	70.00	62.00	60.00	0.00	12.24	12.72	13.74	35.16	
X−Slope		5.00%	44.79%			−5.00%	−2.00%	−2.00%		2.00%			−4.17%	

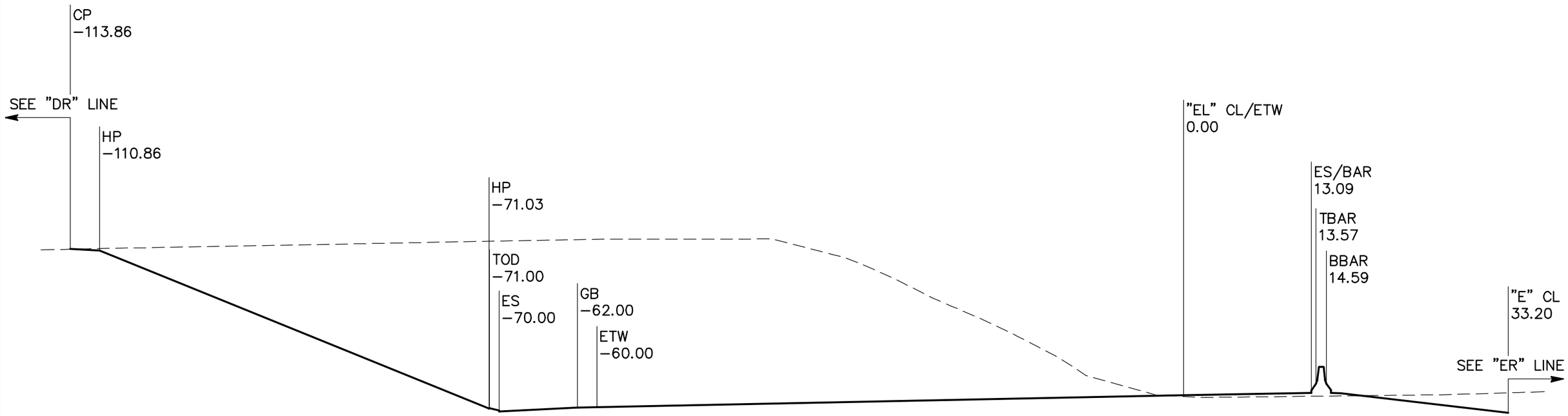
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"EL" LINE
STATION 172+00.00

	SEE "DR" LINE	CP	HP	HP	TOD	Left ES	GB	ETW	"EL" CL/ETW	ES/BAR	TBAR	BBAR	"E" CL	SEE "ER" LINE
Elev		67.14	66.99	50.45	50.47	50.15	50.55	50.59	51.79	52.06	55.06	50.80	50.02	
Dist		113.33	110.33	71.03	71.00	70.00	62.00	60.00	0.00	13.48	13.96	14.98	33.74	
X−Slope		5.01%	42.08%			−5.00%	−2.00%	−2.00%		2.00%			−4.17%	

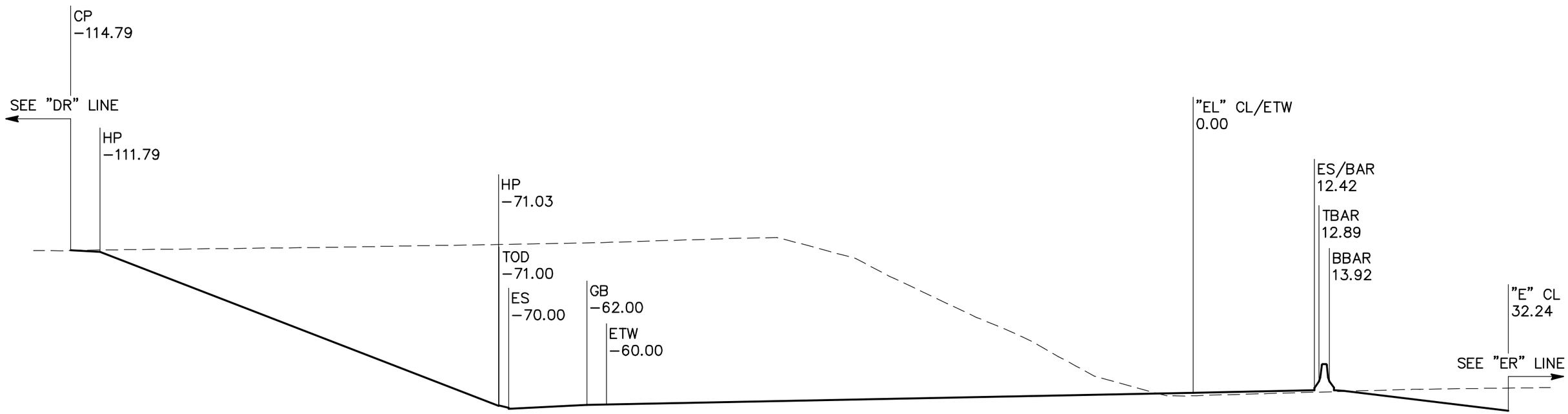
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"EL" LINE
STATION 172+17.44

	SEE "DR" LINE	CP	HP	HP	TOD	ES	GB	ETW	"EL" CL/ETW	ES/BAR	TBAR	BBAR	"E" CL	SEE "ER" LINE
Elev		66.94	66.79	50.63	50.65	50.33	50.73	50.77	51.97	52.23	55.23	50.96	50.18	
Dist		113.86	110.86	71.03	71.00	70.00	62.00	60.00	0.00	13.09	13.57	14.59	33.20	
X−Slope		5.00%	40.57%			−5.00%	−2.00%	−2.00%		2.00%			−4.17%	

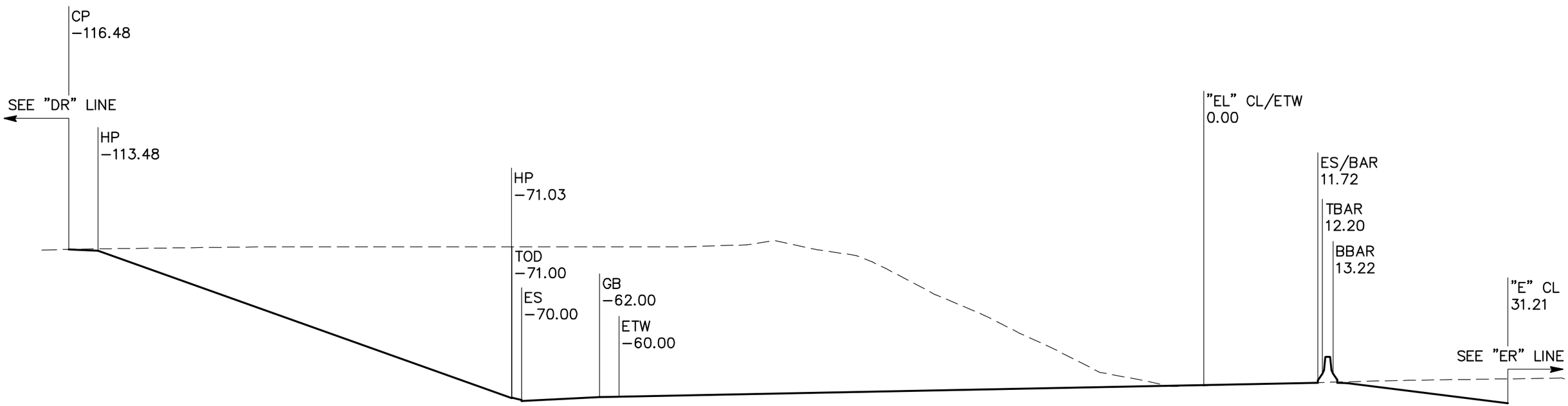
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"EL" LINE
STATION STA 172+50.00

	SEE "DR" LINE	CP	HP	HP	TOD	ES	GB	ETW	"EL" CL/ETW	ES/BAR	TBAR	BBAR	"E" CL	SEE "ER" LINE
Elev		66.84	66.69	50.96	50.98	50.66	51.06	51.10	52.30	52.55	55.55	51.23	50.46	
Dist		114.79	111.79	71.03	71.00	70.00	62.00	60.00	0.00	12.42	12.89	13.92	32.24	
X−Slope		5.00%	38.59%			−5.00%	−2.00%	−2.00%		2.00%			−4.17%	

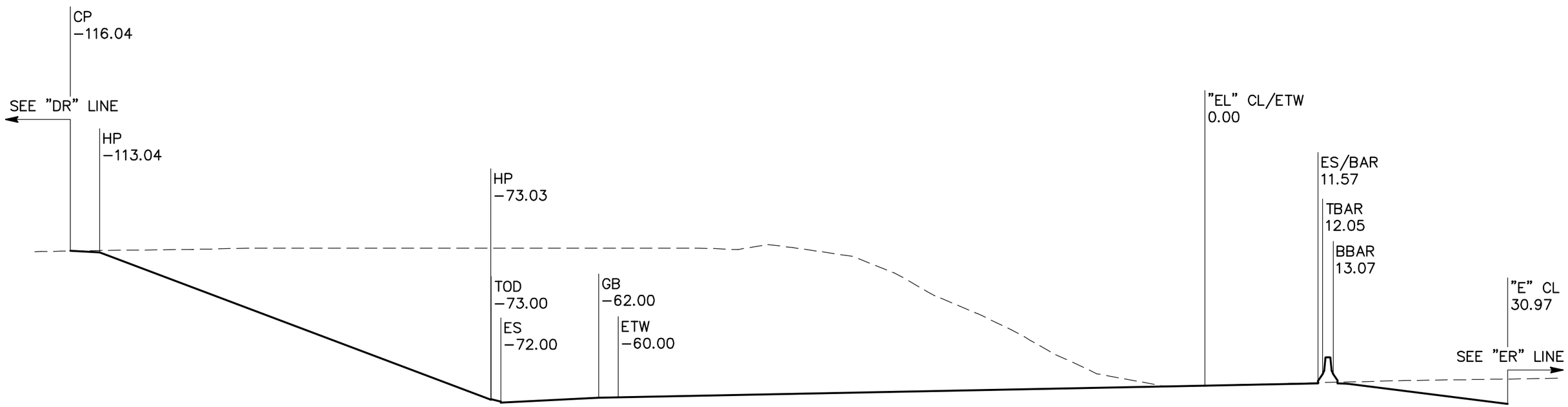
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"EL" LINE
STATION 172+89.94

	SEE "DR" LINE	CP	HP	HP	TOD	ES	GB	ETW	"EL" CL/ETW	ES/BAR	TBAR	BBAR	"E" CL	SEE "ER" LINE
Elev		66.63	66.48	51.36	51.38	51.06	51.46	51.50	52.70	52.93	55.93	51.57	50.82	
Dist		116.48	113.48	71.03	71.00	70.00	62.00	60.00	0.00	11.72	12.20	13.22	31.21	
X−Slope		5.00%	35.62%			−5.00%	−2.00%	−2.00%		2.00%			−4.17%	

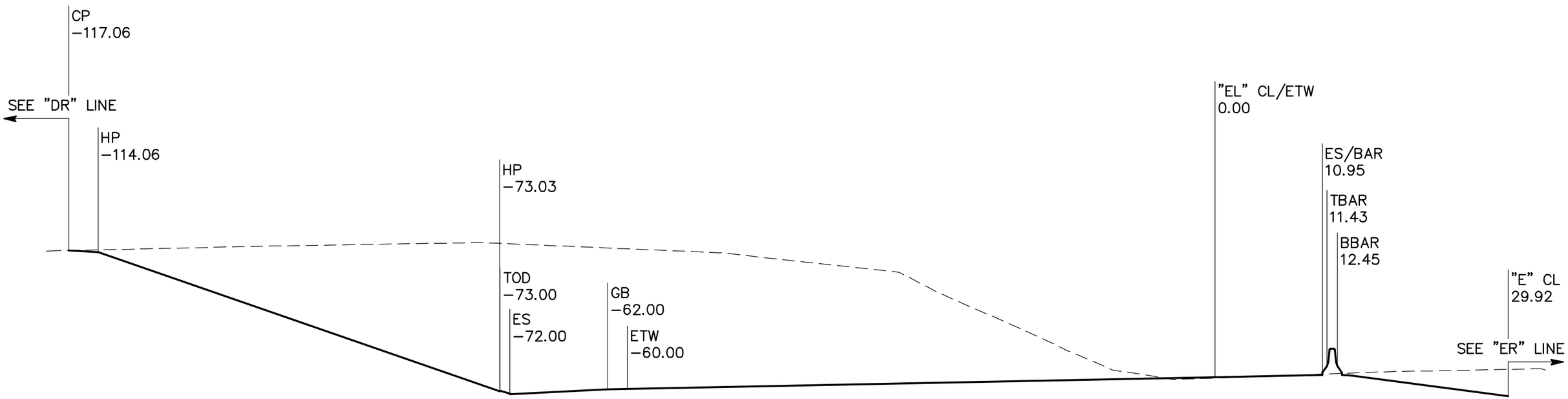
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"EL" LINE
STATION 173+00.00

	SEE "DR" LINE	CP	HP	HP	TOD	Left ES	GB	ETW	"EL" CL/ETW	ES/BAR	TBAR	BBAR	"E" CL	SEE "ER" LINE
Elev		66.57	66.42	51.36	51.38	51.06	51.56	51.60	52.80	53.03	56.03	51.65	50.91	
Dist		116.04	113.04	73.03	73.00	72.00	62.00	60.00	0.00	11.57	12.05	13.07	30.97	
X−Slope		5.00%	37.65%			−5.00%	−2.00%	−2.00%		2.00%			−4.17%	

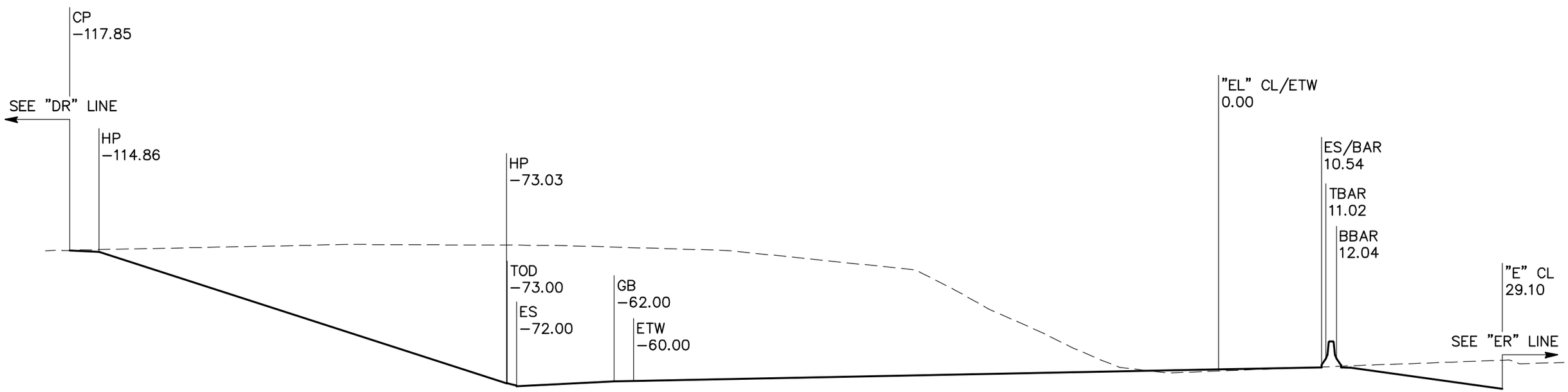
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"EL" LINE
STATION 173+50.00

	SEE "DR" LINE	CP	HP	HP	TOD	ES	GB	ETW	"EL" CL/ETW	ES/BAR	TBAR	BBAR	"E" CL	SEE "ER" LINE
Elev		66.21	66.06	51.85	51.87	51.55	52.05	52.09	53.29	53.51	56.51	52.08	51.35	
Dist		117.06	114.06	73.03	73.00	72.00	62.00	60.00	0.00	10.95	11.43	12.45	29.92	
X−Slope		4.99%	34.65%			−5.00%	−2.00%	−2.00%		2.00%			−4.17%	

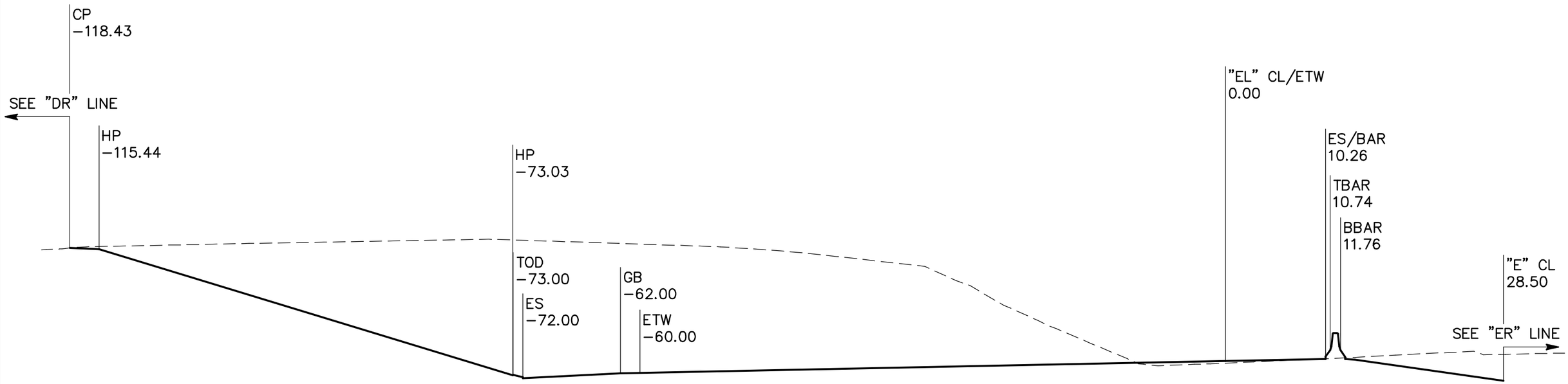
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"EL" LINE
STATION 174+00.00

	SEE "DR" LINE	CP	HP	HP	Left TOD	ES	GB	ETW	"EL" CL/ETW	ES/BAR	TBAR	BBAR	"E" CL	SEE "ER" LINE
Elev		66.00	65.85	52.34	52.36	52.04	52.54	52.58	53.78	53.99	56.99	52.51	51.80	
Dist		117.85	114.86	73.03	73.00	72.00	62.00	60.00	0.00	10.54	11.02	12.04	29.10	
X−Slope		5.01%	32.29%			−5.00%	−2.00%	−2.00%		2.00%			−4.17%	

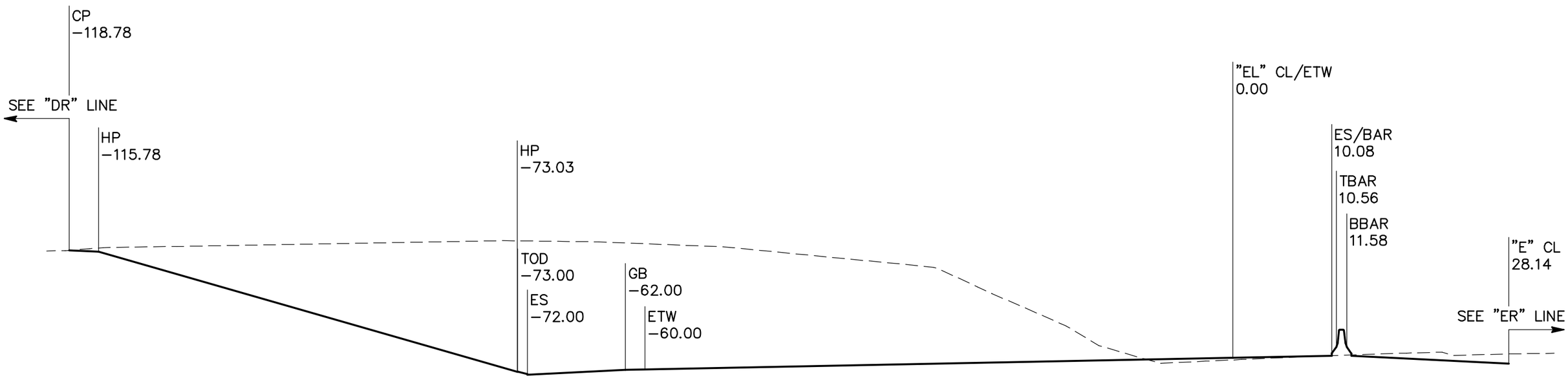
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"EL" LINE
STATION 174+50.00

	SEE "DR" LINE	CP	HP	HP	TOD	ES	GB	ETW	"EL" CL/ETW	ES/BAR	TBAR	BBAR	"E" CL	SEE "ER" LINE
Elev		65.89	65.74	52.82	52.85	53.03	52.53	53.07	54.27	54.48	57.48	52.94	52.24	
Dist		118.43	115.44	73.03	73.00	72.00	62.00	60.00	0.00	10.26	10.74	11.76	28.50	
X−Slope		5.00%	30.47%			5.00%	−27.00%	−2.00%		2.00%			−4.17%	

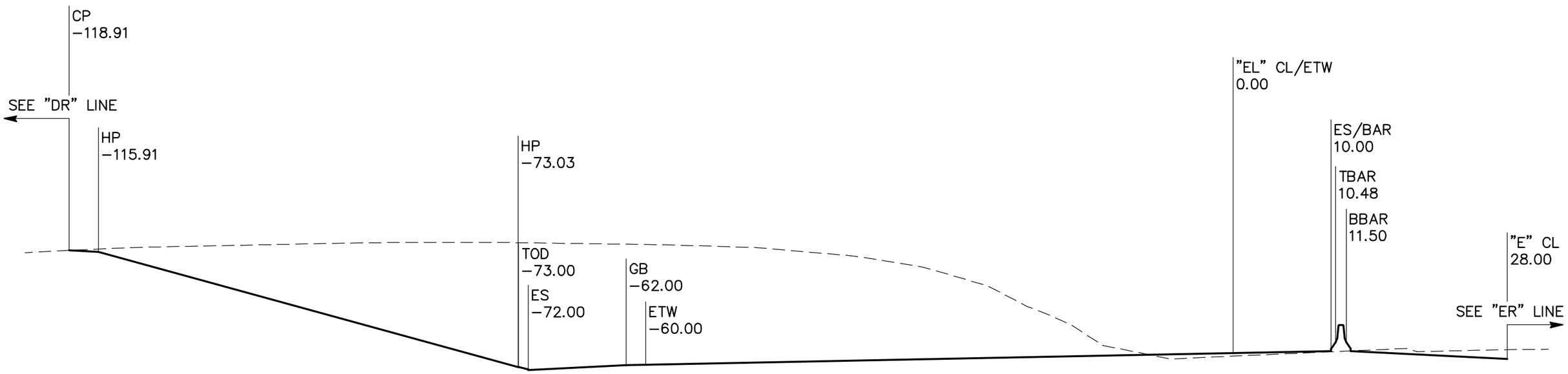
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"EL" LINE
STATION 175+00.00

	SEE "DR" LINE	CP	HP	HP	TOD	ES	GB	ETW	"EL" CL/ETW	ES/BAR	TBAR	BBAR	"E" CL	SEE "ER" LINE
Elev		65.72	65.57	53.31	53.33	53.01	53.51	53.55	54.75	54.95	57.95	53.27	52.58	
Dist		118.78	115.78	73.03	73.00	72.00	62.00	60.00	0.00	10.08	10.56	11.58	28.14	
X−Slope		4.99%	28.69%			−5.00%	−2.00%	−2.00%		2.00%			−4.17%	

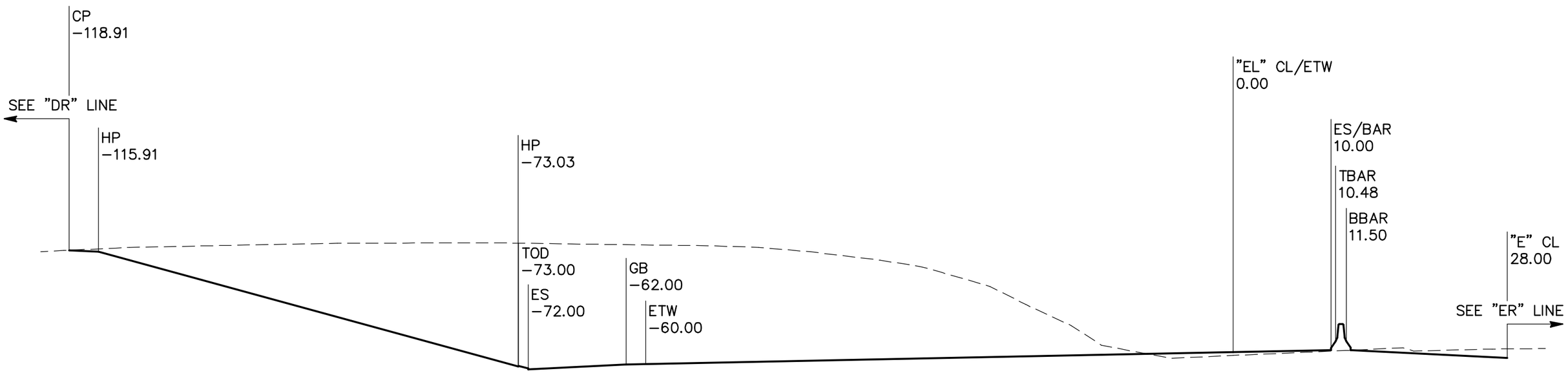
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"EL" LINE
STATION 175+50.00

	SEE "DR" LINE	CP	HP	HP	TOD	ES	GB	ETW	"EL" CL/ETW	ES/BAR	TBAR	BBAR	"E" CL	SEE "ER" LINE
Elev		65.72	65.57	53.78	53.80	53.48	53.98	54.02	55.22	55.42	58.42	53.72	53.03	
Dist		118.91	115.91	73.03	73.00	72.00	62.00	60.00	0.00	10.00	10.48	11.50	28.00	
X−Slope		5.00%	27.49%			−5.00%	−2.00%	−2.00%		2.00%			−4.17%	

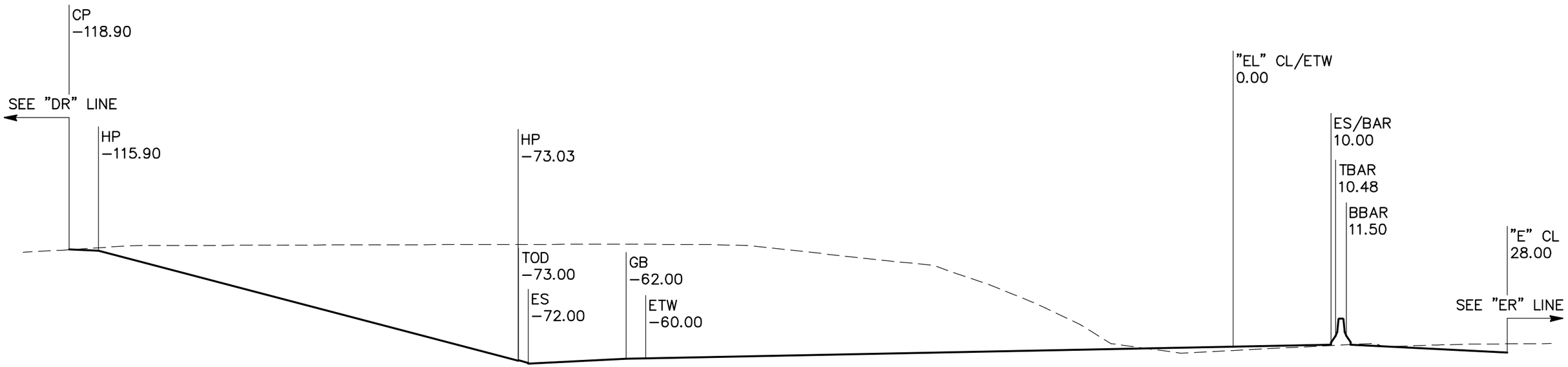
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"EL" LINE
STATION 175+55.16

	SEE "DR" LINE	CP	HP	HP	TOD	ES	GB	ETW	"EL" CL/ETW	ES/BAR	TBAR	BBAR	"E" CL	SEE "ER" LINE
Elev		65.70	65.55	53.83	53.85	53.53	54.03	54.07	55.27	55.47	58.47	53.72	53.03	
Dist		118.91	115.91	73.03	73.00	72.00	62.00	60.00	0.00	10.00	10.48	11.50	28.00	
X−Slope		5.00%	27.34%			−5.00%	−2.00%	−2.00%		2.00%			−4.17%	

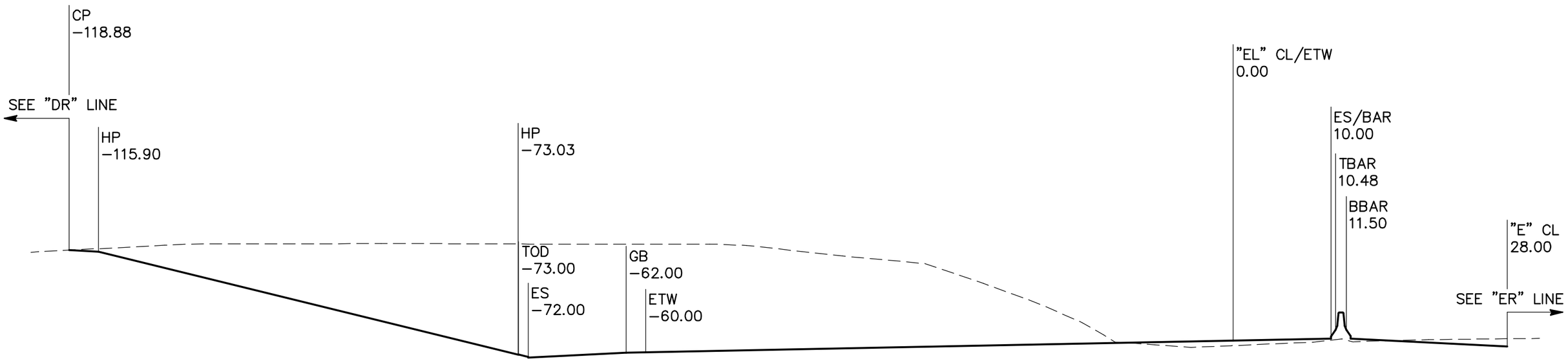
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"EL" LINE
STATION 176+00.00

	SEE "DR" LINE	CP	HP	HP	TOD	ES	GB	ETW	"EL" CL/ETW	ES/BAR	TBAR	BBAR	"E" CL	SEE "ER" LINE
Elev		65.63	65.48	54.25	54.27	53.95	54.45	54.49	55.69	55.89	58.89	54.16	53.47	
Dist		118.90	115.90	73.03	73.00	72.00	62.00	60.00	0.00	10.00	10.48	11.50	28.00	
X−Slope		5.01%	26.20%			−5.00%	−2.00%	−2.00%	2.00%	2.00%			−4.17%	

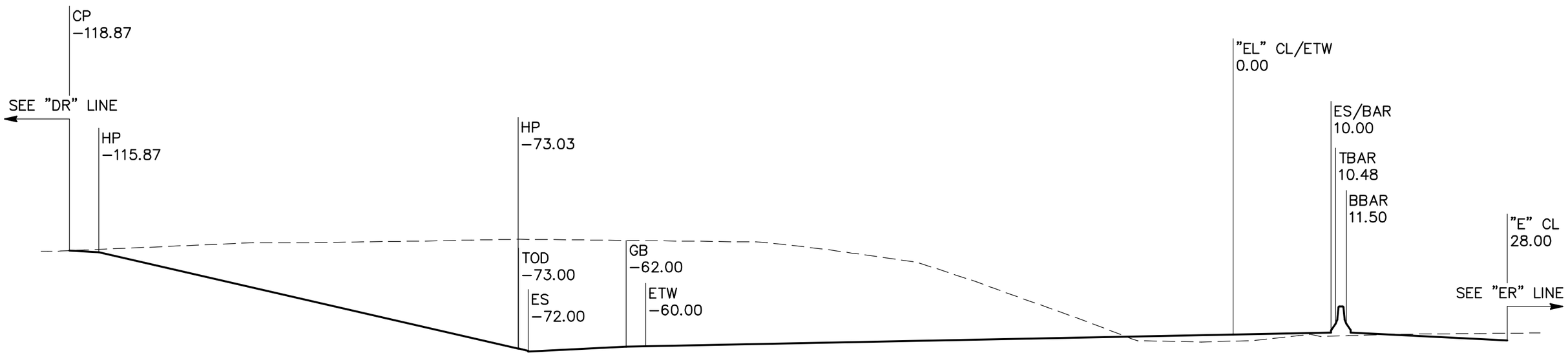
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"EL" LINE
STATION 176+50.00

	SEE "DR" LINE	CP	HP	HP	TOD	ES	GB	ETW	"EL" CL/ETW	ES/BAR	TBAR	BBAR	"E" CL	SEE "ER" LINE
Elev		65.38	65.23	54.71	54.73	54.41	54.91	54.95	56.15	56.35	59.35	54.60	53.91	
Dist		118.88	115.90	73.03	73.00	72.00	62.00	60.00	0.00	10.00	10.48	11.50	28.00	
X−Slope		5.03%	24.54%			−5.00%	−2.00%	−2.00%	2.00%	2.00%			−4.17%	

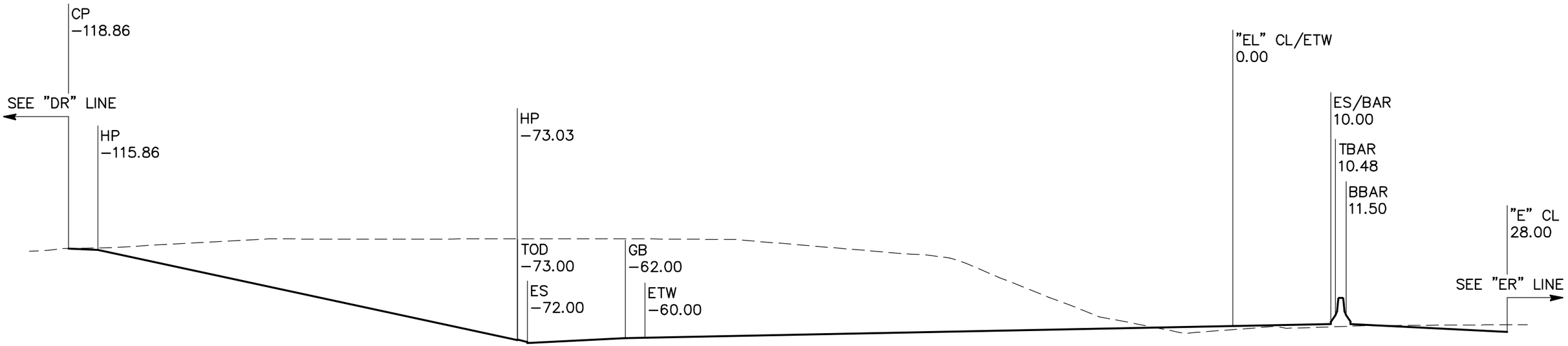
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"EL" LINE
STATION 177+00.00

	SEE "DR" LINE	CP	HP	HP	TOD	ES	GB	ETW	"EL" CL/ETW	ES/BAR	TBAR	BBAR	"E" CL	SEE "ER" LINE
Elev		65.18	65.03	55.17	55.19	54.87	55.37	55.41	56.61	56.81	58.81	55.05	54.36	
Dist		118.87	115.87	73.03	73.00	72.00	62.00	60.00	0.00	10.00	10.48	11.50	28.00	
X−Slope		5.00%	23.01%			−5.00%	−2.00%	−2.00%	2.00%	2.00%			−4.17%	

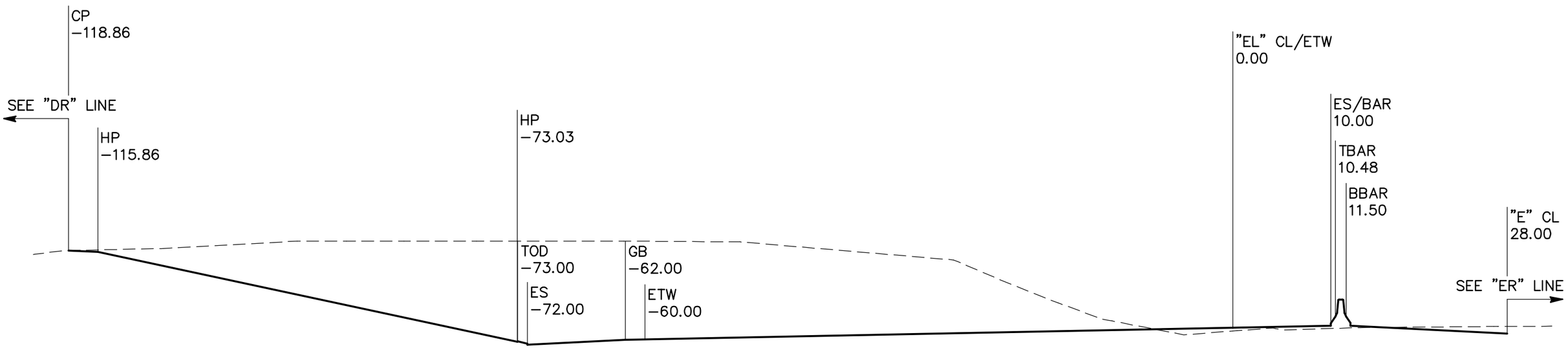
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"EL" LINE
STATION 177+50.00

	SEE "DR" LINE	CP	HP	HP	TOD	ES	GB	ETW	"EL" CL/ETW	ES/BAR	TBAR	BBAR	"E" CL	SEE "ER" LINE
Elev		64.96	64.81	55.62	55.64	55.32	55.82	55.86	57.06	57.26	60.26	55.49	54.80	
Dist		118.86	115.86	73.03	73.00	72.00	62.00	60.00	0.00	10.00	10.48	11.50	28.00	
X–Slope		5.00%	21.47%			–5.00%	–2.00%	–2.00%	2.00%	2.00%			–4.17%	

FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"EL" LINE
STATION 177+54.08

	SEE "DR" LINE	CP	HP	HP	TOD	ES	GB	ETW	"EL" CL/ETW	ES/BAR	TBAR	BBAR	"E" CL	SEE "ER" LINE
Elev		64.95	64.80	55.66	55.68	55.36	55.86	55.90	57.10	57.30	60.30	55.49	54.80	
Dist		118.86	115.86	73.03	73.00	72.00	62.00	60.00	0.00	10.00	10.48	11.50	28.00	
X–Slope		5.00%	21.35%			–5.00%	–2.00%	–2.00%	2.00%	2.00%			–4.17%	

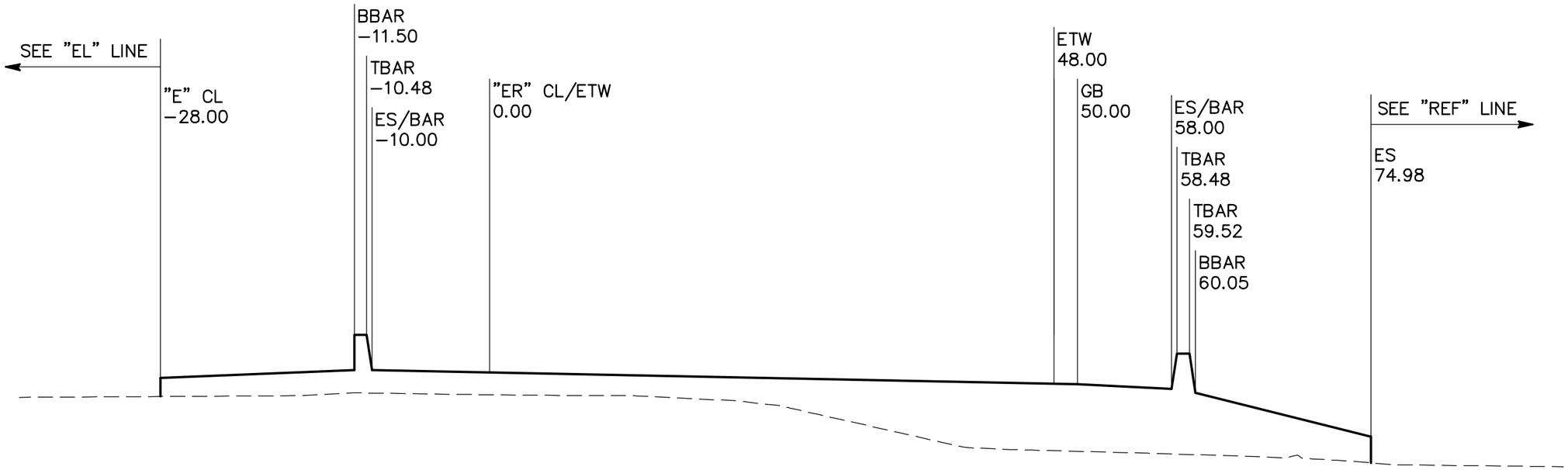
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1

CROSS SECTIONS

ROUTE 4 (EAST) WIDENING

SECTION VI

"ER" LINE – (SHEET 1–70)



"ER" LINE
STATION 147+39.84

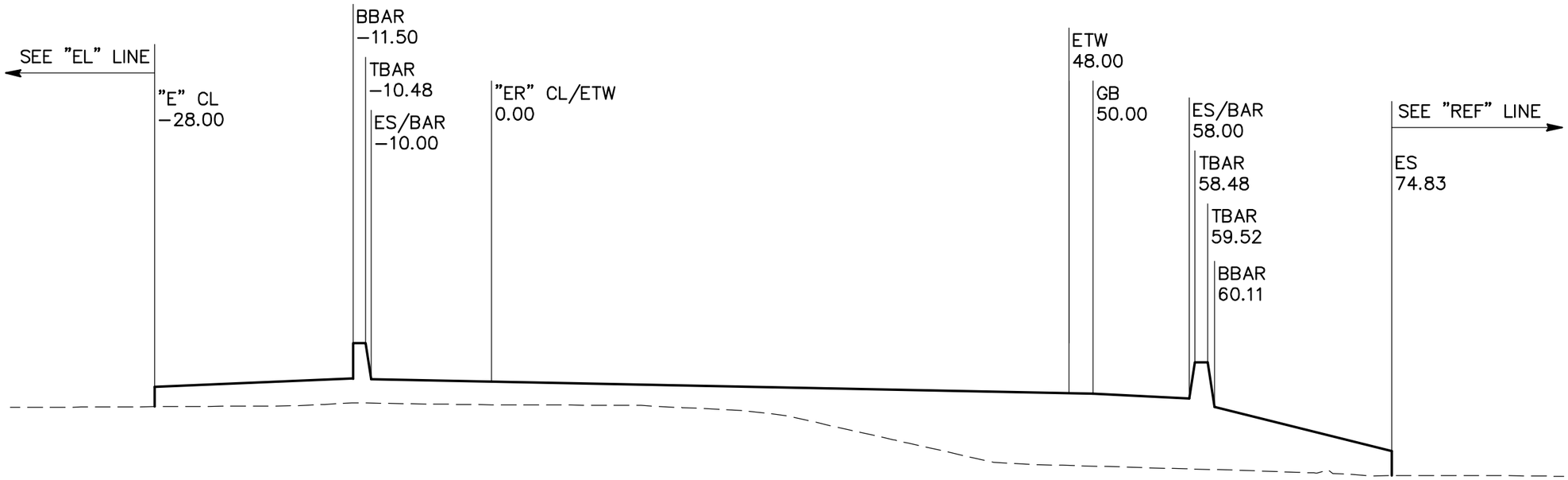
SEE "EL" LINE	"E" CL	BBAR	TBAR	ES/BAR	"ER" CL/ETW	ETW	GB	ES/BAR	TBAR	TBAR	BBAR	ES	SEE "REF" LINE
Elev	48.42	49.11	52.08	49.08	48.88	47.92	47.88	47.48	50.48	50.48	47.17	43.44	
Dist	28.00	11.50	10.48	10.00	0.00	48.00	50.00	58.00	58.48	59.52	60.05	74.98	
X−Slope	−4.18%			2.00%		−2.00%	−2.00%	−5.00%				−24.98%	

LEGEND:

(XX.XX) EXISTING GROUND ELEVATION

ABBREVIATIONS:

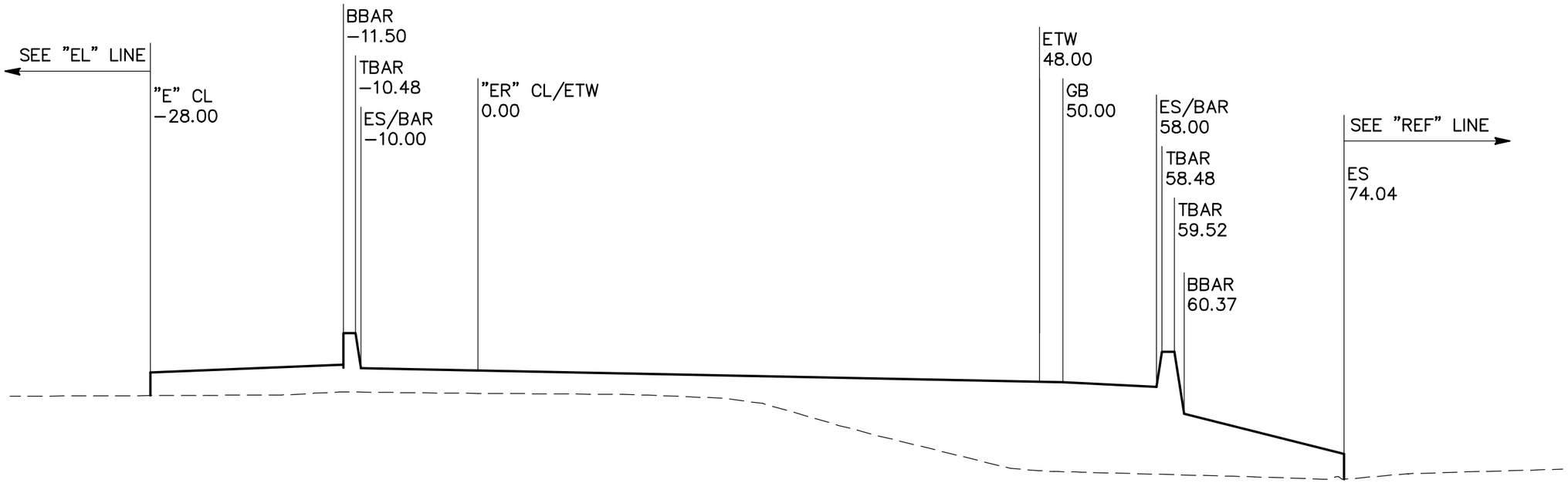
BAR − Barrier Face
BBAR − Back of Barrier
BSW − Back of Sidewalk
BWALL − Back of Wall
CL − Centerline
CP − Catch Point
EC − Edge of Concrete
EG − Edge of Gutter
EP − Edge of Pavement
ES − Edge of Shoulder
ETW − Edge of Traveled Way
FL − Paved or unpaved Flow Line
FLC − Flow Line Curb
FWALL − Face of Wall
GB − Grade Break
HP − Hinge Point
ML − Match Line
LG − Lip of Gutter
P − Pavement
PG − Profile Grade
R/W − Right of Way
RW LOL − Retaining Wall Layout Line
S/C − Saw Cut Line
SW LOL − Sound Wall Layout Line
TBAR − Top of Barrier
TC − Top of Curb
TDITCH − Top of Ditch
TE − Top of Embankment
TGT − Top of Gutter
TOD − Top of Dike
TSW − Top of Swale



"ER" LINE
STATION 147+50.00

SEE "EL" LINE	"E" CL	BBAR	TBAR	ES/BAR	"ER" CL/ETW	ETW	GB	ES/BAR	TBAR	TBAR	BBAR	ES	SEE "REF" LINE
Elev	48.58	49.27	52.19	49.19	48.99	48.03	47.99	47.59	50.59	50.59	46.91	43.23	
Dist	28.00	11.50	10.48	10.00	0.00	48.00	50.00	58.00	58.48	59.52	60.11	74.83	
X−Slope	−4.18%			2.00%		−2.00%	−2.00%	−5.00%				−25.00%	

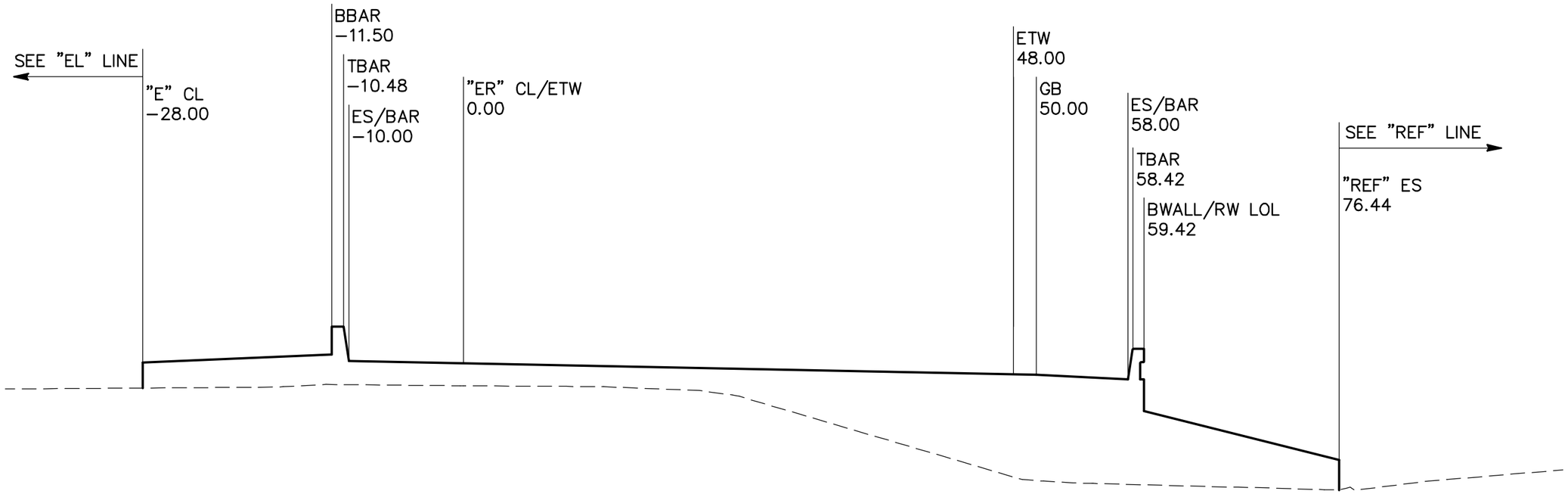
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"ER" LINE
STATION 148+00.00

SEE "EL" LINE	"E" CL	BBAR	TBAR	ES/BAR	"ER" CL/ETW	ETW	GB	ES/BAR	TBAR	TBAR	BBAR	ES	SEE "REF" LINE
Elev	49.33	50.02	52.69	49.69	49.49	48.53	48.49	48.09	51.09	51.09	45.80	42.38	
Dist	28.00	11.50	10.48	10.00	0.00	48.00	50.00	58.00	58.48	59.52	60.37	74.04	
X−Slope	−4.18%			2.00%		−2.00%	−2.00%	−5.00%				−25.02%	

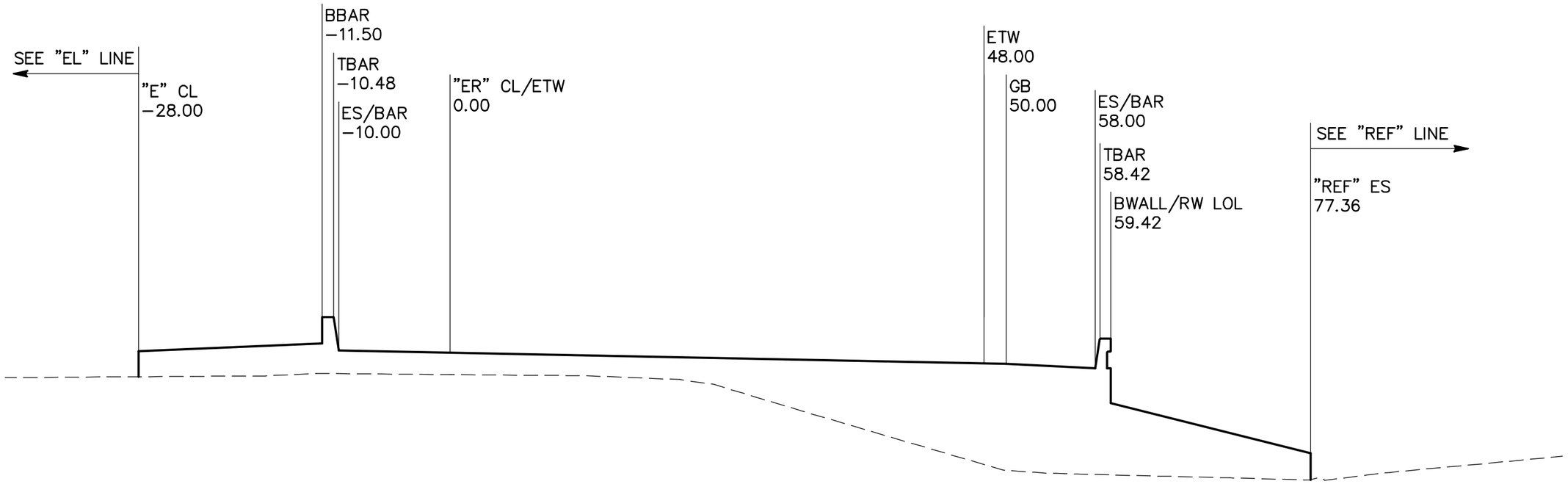
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"ER" LINE
STATION 148+50.00

SEE "EL" LINE	"E" CL	BBAR	TBAR	ES/BAR	"ER" CL/ETW	ETW	GB	ES/BAR	TBAR	BWALL/RW LOL	"REF" ES	SEE "REF" LINE
Elev	50.08	50.77	53.19	50.19	49.99	49.03	48.99	48.59	51.26	45.84	41.58	
Dist	28.00	11.50	10.48	10.00	0.00	48.00	50.00	58.00	58.42	59.42	76.44	
X−Slope	−4.18%			2.00%		−2.00%	−2.00%	−5.00%			−25.00%	

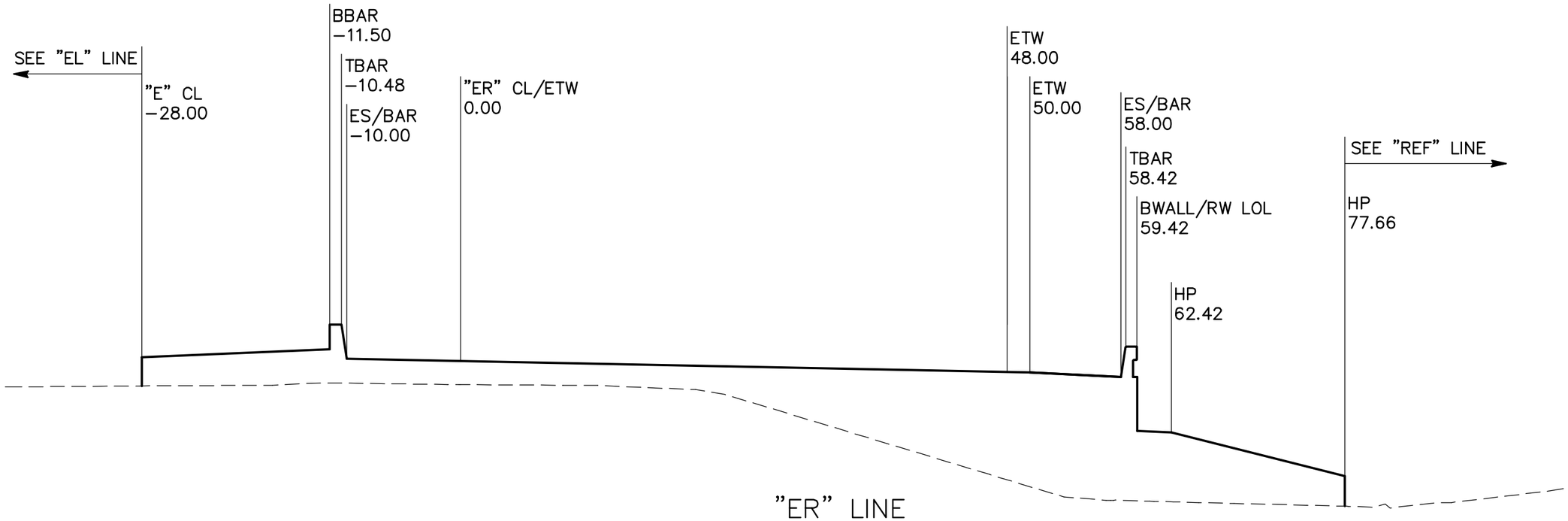
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"ER" LINE
STATION 148+61.02

SEE "EL" LINE	"E" CL	BBAR	TBAR	ES/BAR	"ER" CL/ETW	ETW	GB	ES/BAR	TBAR	BWALL/RW LOL	"REF" ES	SEE "REF" LINE
Elev	50.25	50.94	53.19	50.19	50.10	49.14	49.10	48.70	51.37	45.57	41.08	
Dist	28.00	11.50	10.48	10.00	0.00	48.00	50.00	58.00	58.42	59.42	77.36	
X−Slope	−4.18%			0.90%		−2.00%	−2.00%	−5.00%			−25.03%	

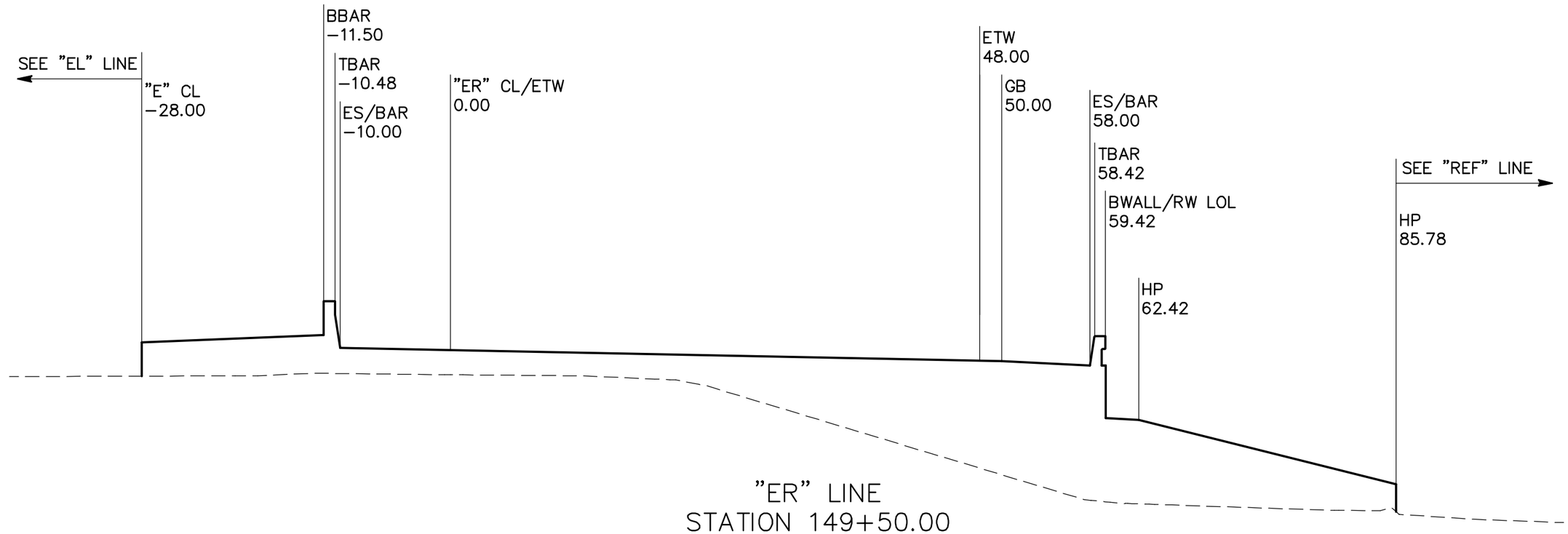
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"ER" LINE
STATION 149+00.00

SEE "EL" LINE	"E" CL	BBAR	TBAR	ES/BAR	"ER" CL/ETW	ETW	ETW	ES/BAR	TBAR	BWALL/RW LOL	HP	HP	SEE "REF" LINE
Elev	50.83	51.52	53.67	50.67	50.47	49.51	49.47	49.07	51.74	44.35	44.20	40.39	
Dist	28.00	11.50	10.48	10.00	0.00	48.00	50.00	58.00	58.42	59.42	62.42	77.66	
X−Slope	−4.18%			2.00%		−2.00%	−2.00%	−5.00%			−5.00%	−25.00%	

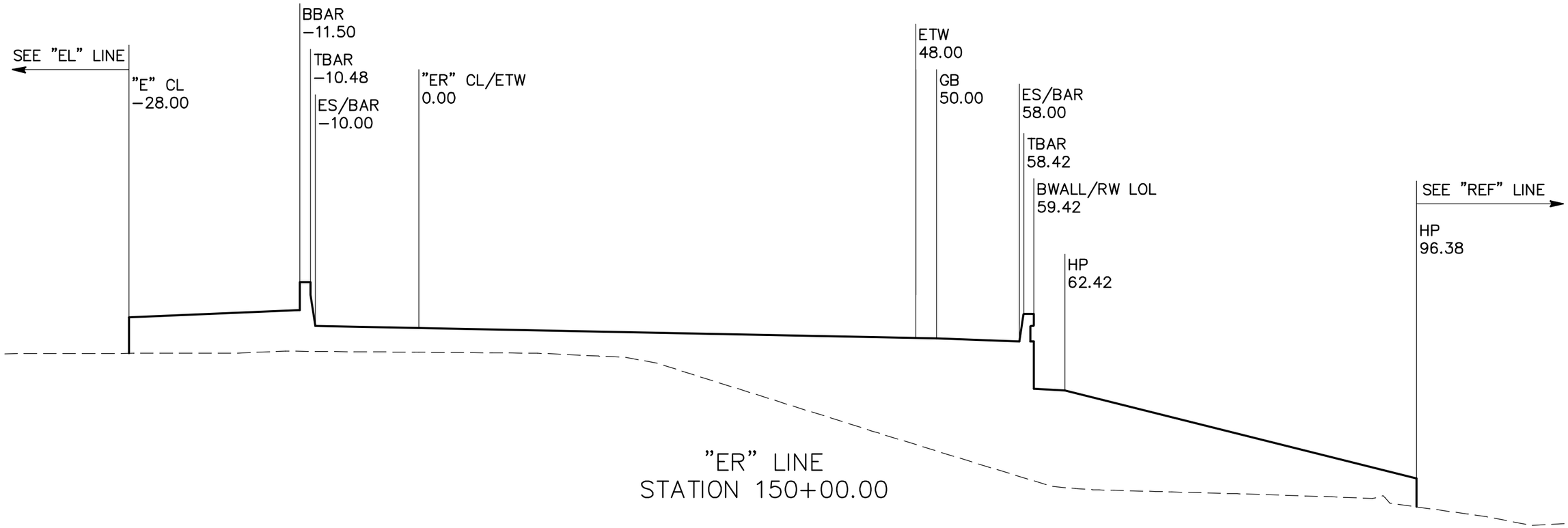
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"ER" LINE
STATION 149+50.00

SEE "EL" LINE	"E" CL	BBAR	TBAR	ES/BAR	"ER" CL/ETW	ETW	GB	ES/BAR	TBAR	BWALL/RW LOL	HP	HP	SEE "REF" LINE
Elev	51.59	52.28	55.09	51.09	50.89	49.93	49.89	49.49	52.16	44.73	44.58	38.74	
Dist	28.00	11.50	10.48	10.00	0.00	48.00	50.00	58.00	58.42	59.42	62.42	85.78	
X−Slope	−4.18%			2.00%		−2.00%	−2.00%	−5.00%			−5.00%	−25.00%	

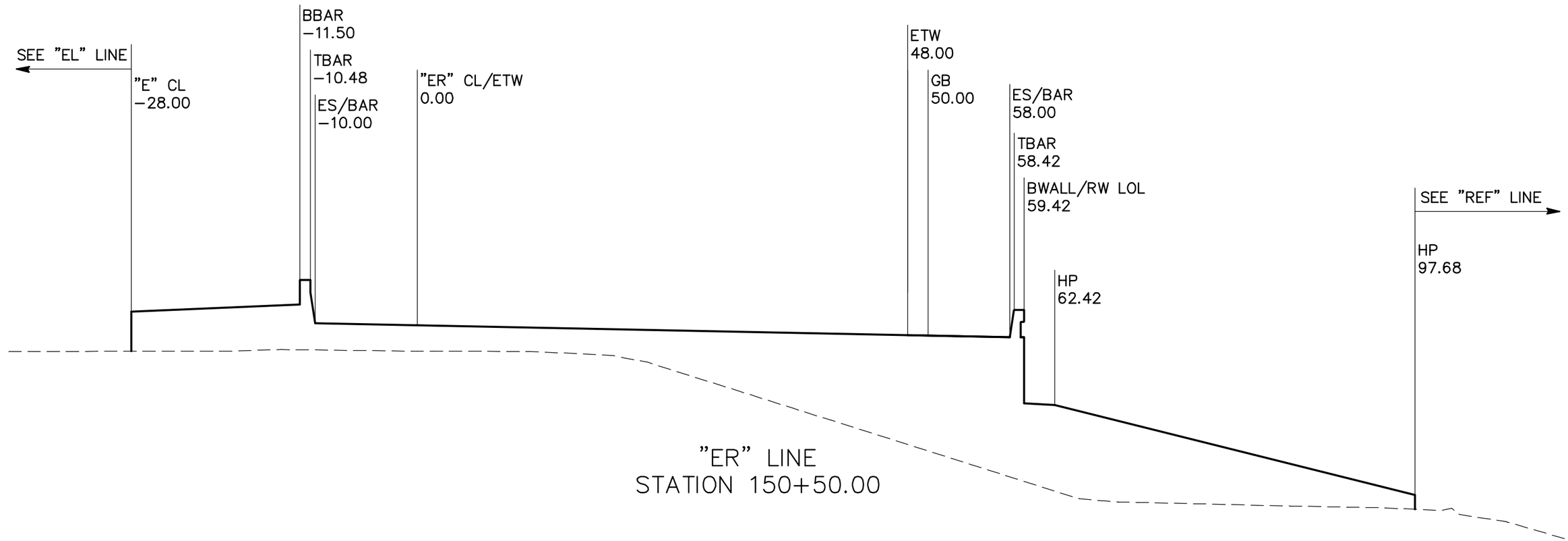
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"ER" LINE
STATION 150+00.00

SEE "EL" LINE	"E" CL	BBAR	TBAR	ES/BAR	"ER" CL/ETW	ETW	GB	ES/BAR	TBAR	BWALL/RW LOL	HP	HP	SEE "REF" LINE
Elev	52.32	53.01	55.71	51.46	51.26	50.30	50.26	49.98	52.65	45.39	45.24	36.75	
Dist	28.00	11.50	10.48	10.00	0.00	48.00	50.00	58.00	58.42	59.42	62.42	96.38	
X−Slope	−4.18%			2.00%		−2.00%	−2.00%	−3.50%			−5.00%	−25.00%	

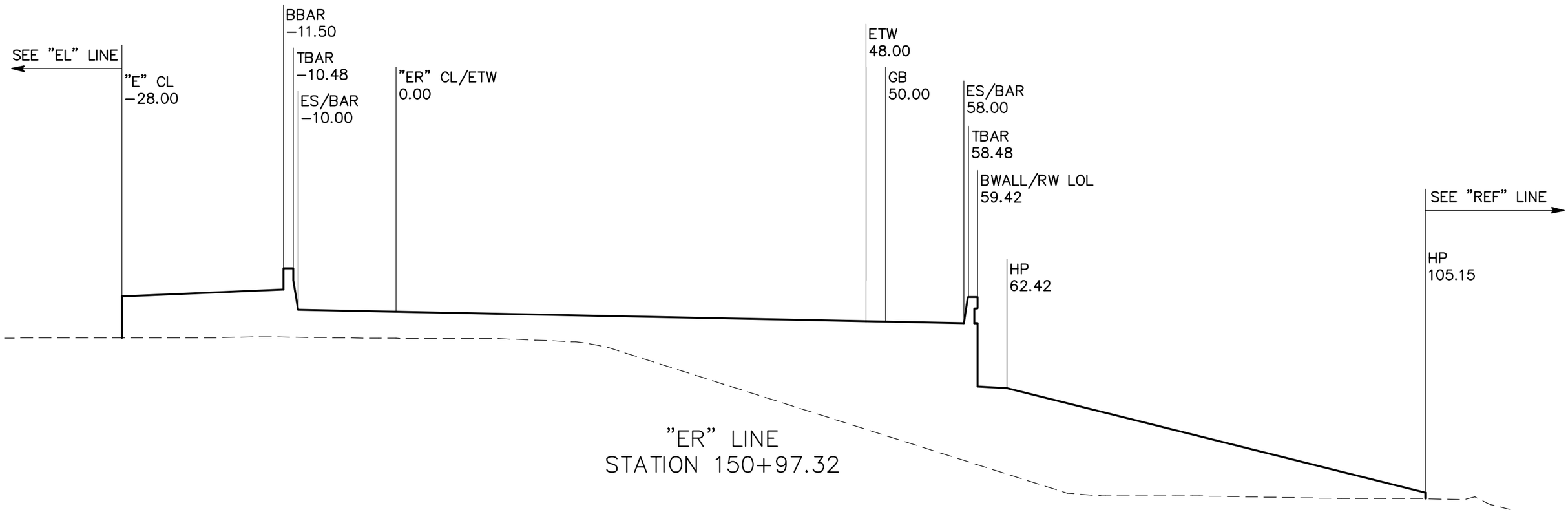
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"ER" LINE
STATION 150+50.00

SEE "EL" LINE	"E" CL	BBAR	TBAR	ES/BAR	"ER" CL/ETW	ETW	GB	ES/BAR	TBAR	BWALL/RW LOL	HP	HP	SEE "REF" LINE
Elev	52.93	53.62	56.02	51.77	51.57	50.61	50.57	50.41	53.08	43.94	43.79	34.98	
Dist	28.00	11.50	10.48	10.00	0.00	48.00	50.00	58.00	58.42	59.42	62.42	97.68	
X−Slope	−4.18%			2.00%		−2.00%	−2.00%	−2.00%			−5.00%	−25.00%	

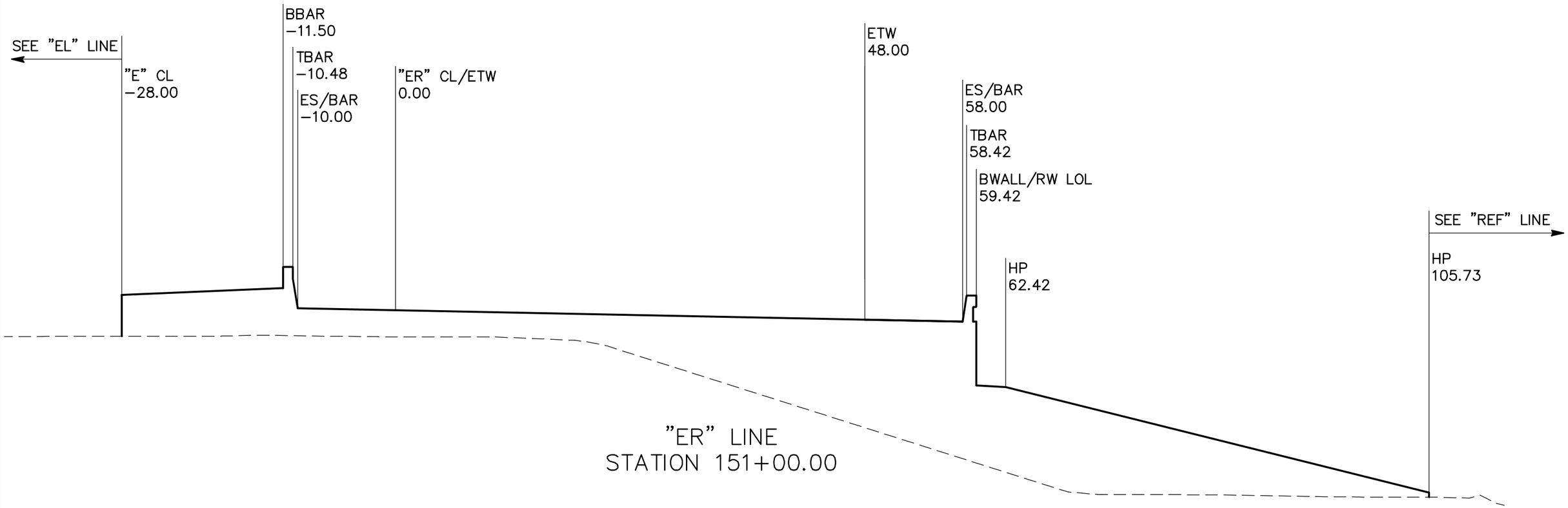
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"ER" LINE
STATION 150+97.32

SEE "EL" LINE	"E" CL	BBAR	TBAR	ES/BAR	"ER" CL/ETW	ETW	GB	ES/BAR	TBAR	BWALL/RW LOL	HP	HP	SEE "REF" LINE
Elev	53.39	54.08	56.26	52.01	51.81	50.85	50.81	50.65	53.32	44.17	44.02	33.34	
Dist	28.00	11.50	10.48	10.00	0.00	48.00	50.00	58.00	58.48	59.42	62.42	105.15	
X-Slope	-4.18%			2.00%		-2.00%	-2.00%	-2.00%			-5.00%	-25.00%	

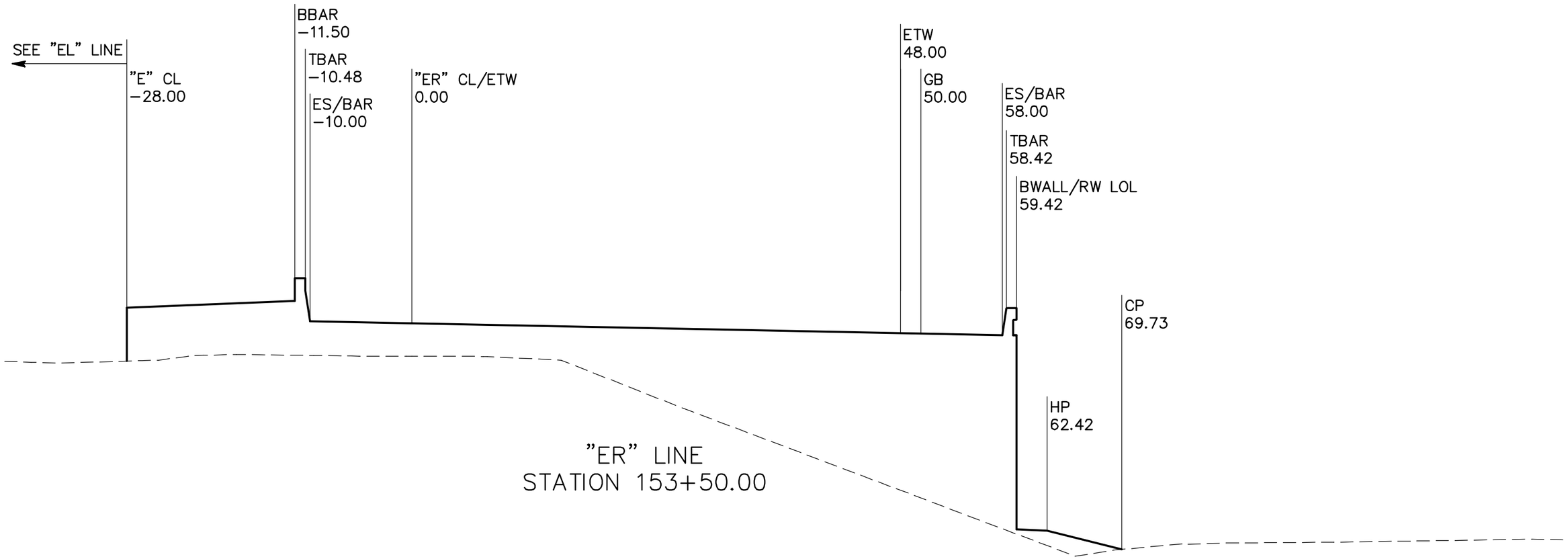
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"ER" LINE
STATION 151+00.00

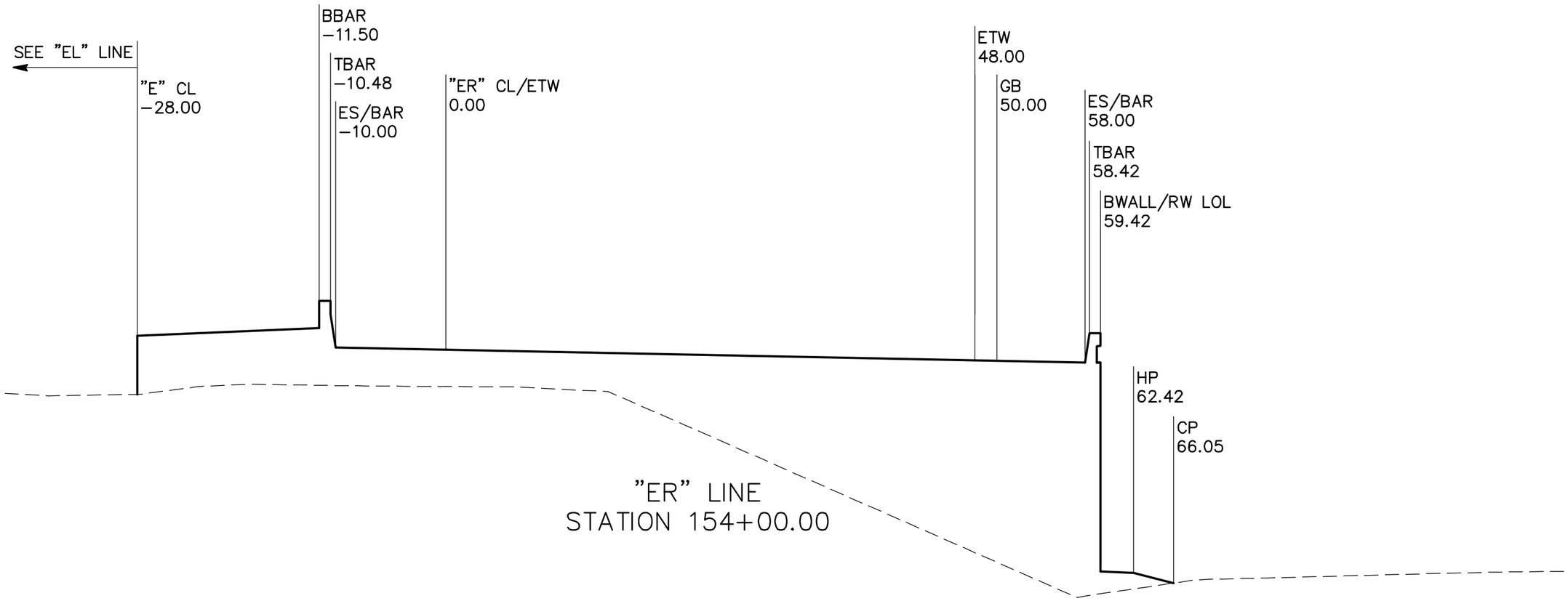
SEE "EL" LINE	"E" CL	BBAR	TBAR	ES/BAR	"ER" CL/ETW	ETW	ES/BAR	TBAR	BWALL/RW LOL	HP	HP	SEE "REF" LINE
Elev	53.41	54.10	56.27	52.02	51.82	50.86	50.66	53.33	44.13	43.98	33.15	
Dist	28.00	11.50	10.48	10.00	0.00	48.00	58.00	58.42	59.42	62.42	105.73	
X−Slope	−4.18%			2.00%		−2.00%	−2.00%			−5.00%	−25.00%	

FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



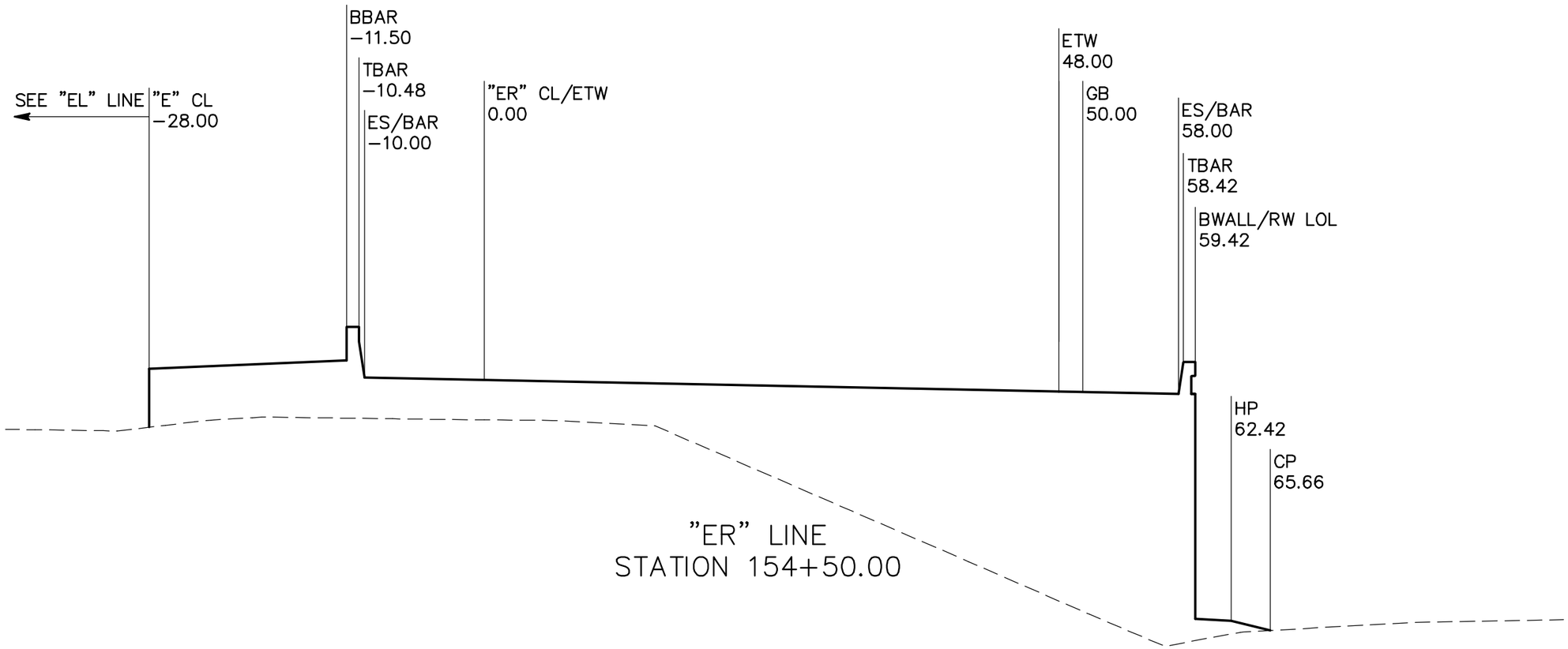
SEE "EL" LINE	"E" CL	BBAR	TBAR	ES/BAR	"ER" CL/ETW	ETW	GB	ES/BAR	TBAR	BWALL/RW LOL	HP	CP
Elev	53.75	54.44	56.67	52.42	52.22	51.26	51.22	51.06	53.73	32.00	31.85	30.02
Dist	28.00	11.50	10.48	10.00	0.00	48.00	50.00	58.00	58.42	59.42	62.42	69.73
X−Slope	−4.18%			2.00%		−2.00%	−2.00%	−2.00%			−5.00%	−25.03%

FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



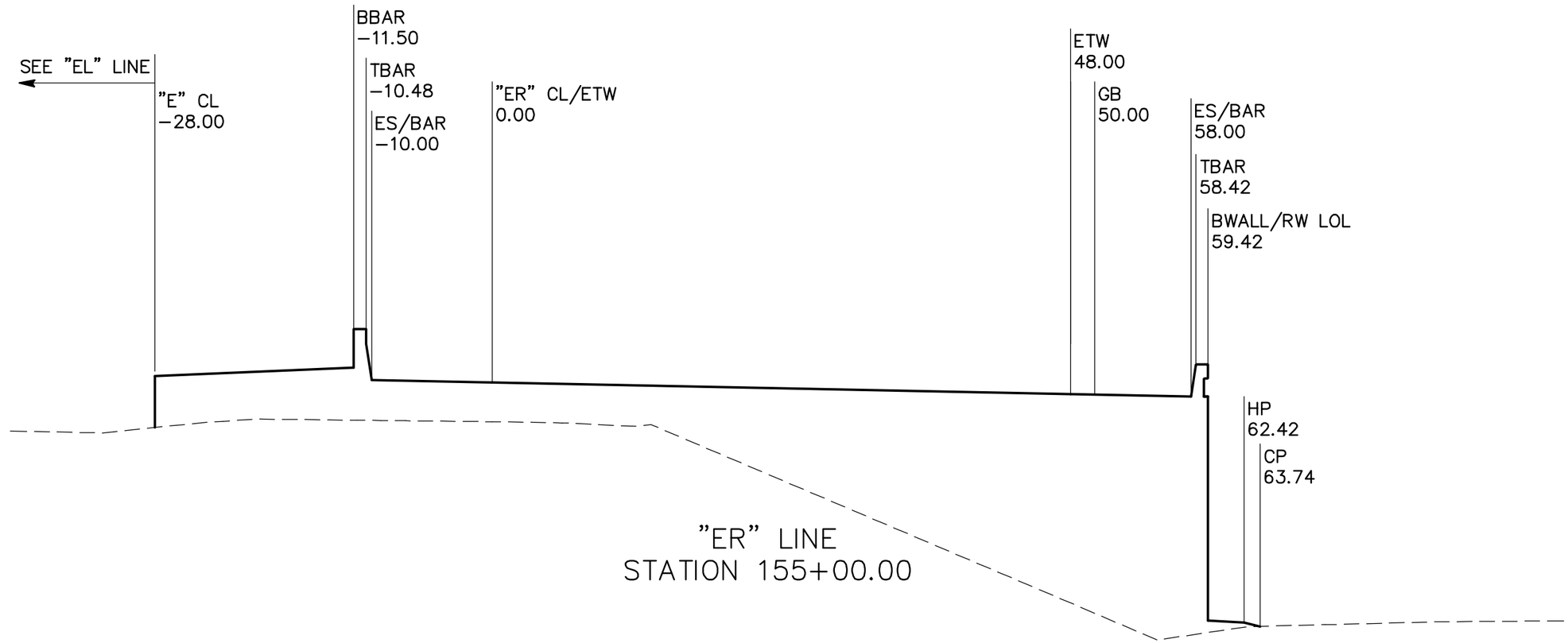
SEE "EL" LINE	"E" CL	BBAR	TBAR	ES/BAR	"ER" CL/ETW	ETW	GB	ES/BAR	TBAR	BWALL/RW LOL	HP	CP
Elev	53.41	54.10	56.57	52.32	52.12	51.16	51.12	50.96	53.63	32.00	31.85	30.94
Dist	28.00	11.50	10.48	10.00	0.00	48.00	50.00	58.00	58.42	59.42	62.42	66.05
X−Slope	−4.18%			2.00%		−2.00%	−2.00%	−2.00%			−5.00%	−25.07%

FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



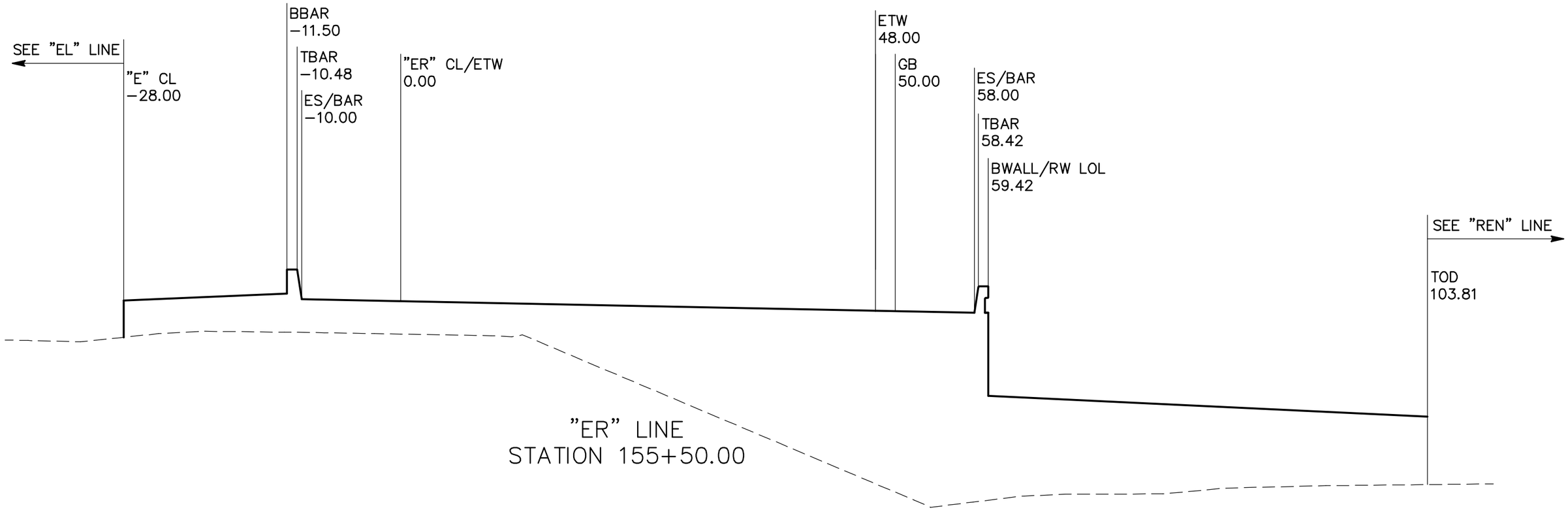
SEE "EL" LINE	"E" CL	BBAR	TBAR	ES/BAR	"ER" CL/ETW	ETW	GB	ES/BAR	TBAR	BWALL/RW LOL	HP	CP
Elev	52.93	53.62	56.42	52.17	51.97	51.01	50.97	50.81	53.48	32.00	31.85	31.04
Dist	28.00	11.50	10.48	10.00	0.00	48.00	50.00	58.00	58.42	59.42	62.42	65.66
X−Slope	−4.18%			2.00%		−2.00%	−2.00%	−2.00%			−5.00%	−25.00%

FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



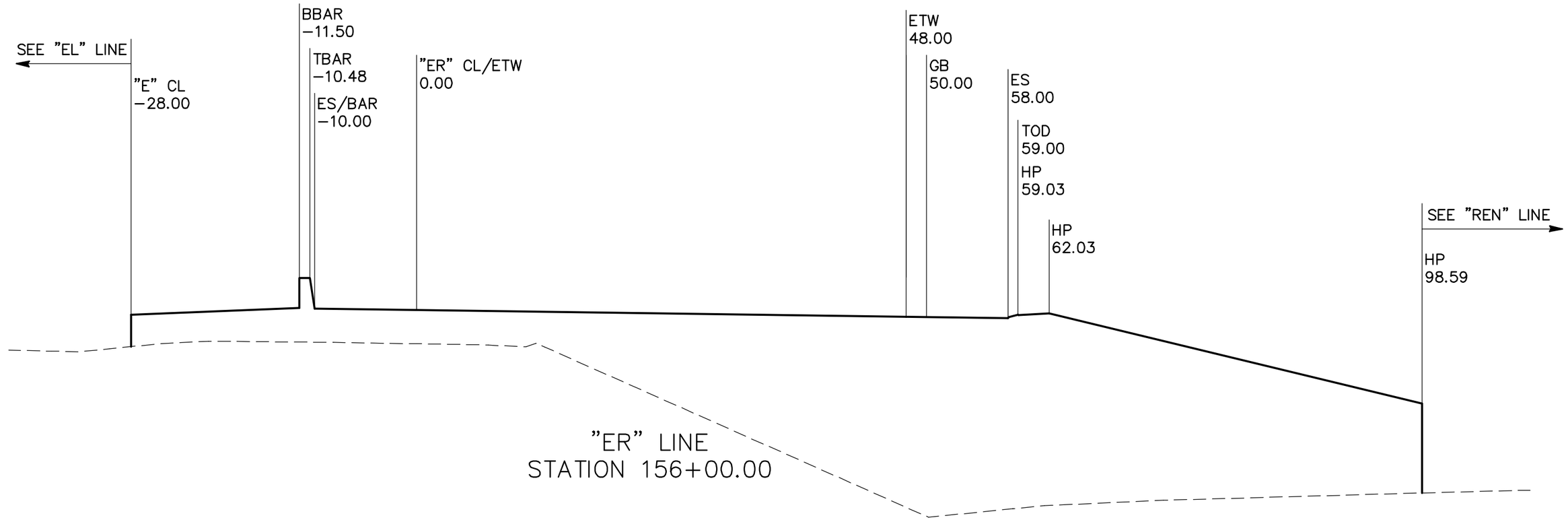
SEE "EL" LINE	"E" CL	BBAR	TBAR	ES/BAR	"ER" CL/ETW	ETW	GB	ES/BAR	TBAR	BWALL/RW LOL	HP	CP
Elev	52.32	53.01	56.21	51.96	51.76	50.80	50.76	50.60	53.27	32.00	31.85	31.52
Dist	28.00	11.50	10.48	10.00	0.00	48.00	50.00	58.00	58.42	59.42	62.42	63.74
X−Slope	−4.18%			2.00%		−2.00%	−2.00%	−2.00%			−5.00%	−25.00%

FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



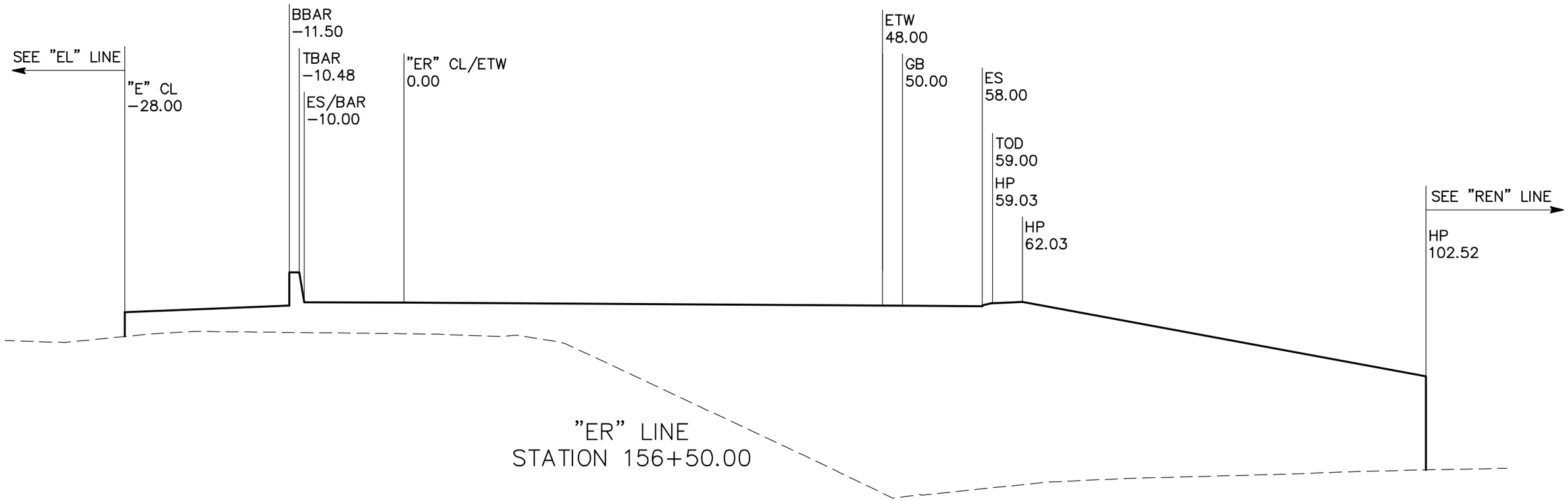
SEE "EL" LINE	"E" CL	BBAR	TBAR	ES/BAR	"ER" CL/ETW	ETW	GB	ES/BAR	TBAR	BWALL/RW LOL	TOD	SEE "REN" LINE
Elev	51.57	52.26	54.69	51.69	51.49	50.53	50.49	50.32	52.99	41.93	50.32	
Dist	28.00	11.50	10.48	10.00	0.00	48.00	50.00	58.00	58.42	59.42	103.81	
X-Slope	-4.18%			2.00%		-2.00%	-2.00%	-2.13%			18.90%	

FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



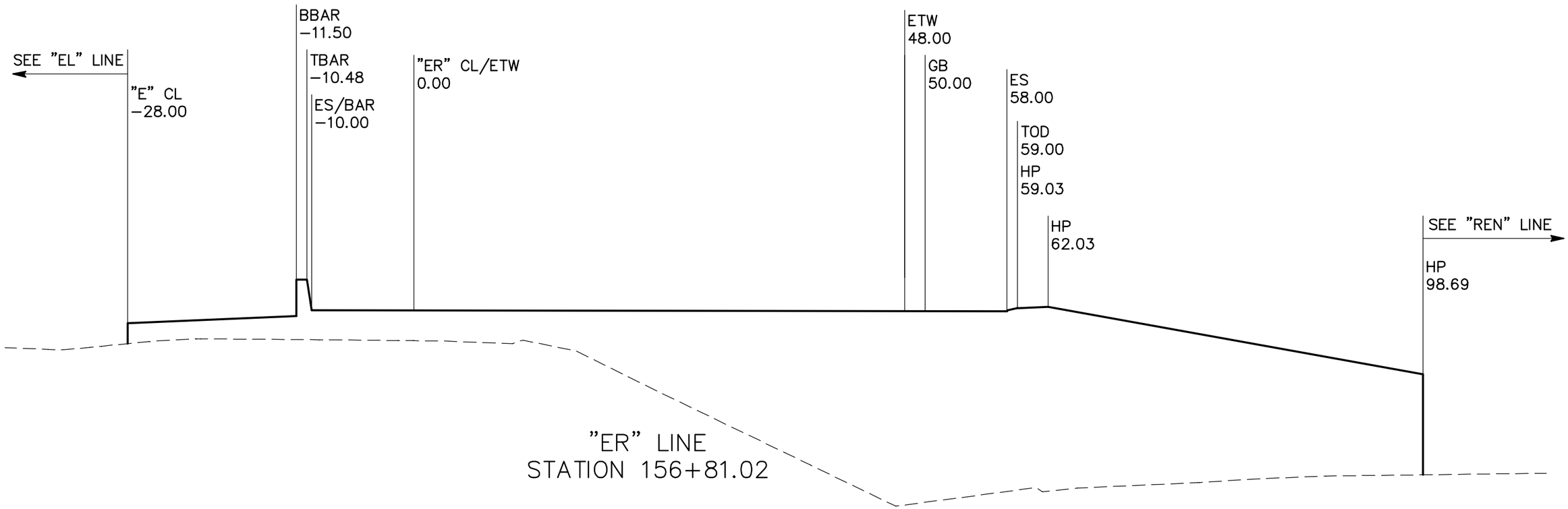
SEE "EL" LINE	"E" CL	BBAR	TBAR	ES/BAR	"ER" CL/ETW	ETW	GB	ES	TOD	HP	HP	HP	SEE "REN" LINE
Elev	50.70	51.39	54.29	51.29	51.16	50.52	50.49	50.38	50.70	50.68	50.83	41.99	
Dist	28.00	11.50	10.48	10.00	0.00	48.00	50.00	58.00	59.00	59.03	62.03	98.59	
X−Slope	−4.18%			1.30%		−1.33%	−1.40%	−1.40%			5.00%	−24.18%	

FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



SEE "EL" LINE	"E" CL	BBAR	TBAR	ES/BAR	"ER" CL/ETW	ETW	GB	ES	TOD	HP	HP	HP	SEE "REN" LINE
Elev	49.81	50.50	53.83	50.83	50.77	50.47	50.46	50.40	50.72	50.70	50.85	43.38	
Dist	28.00	11.50	10.48	10.00	0.00	48.00	50.00	58.00	59.00	59.03	62.03	102.52	
X−Slope	−4.18%			0.60%		−0.63%	−0.70%	−0.70%			5.00%	−18.45%	

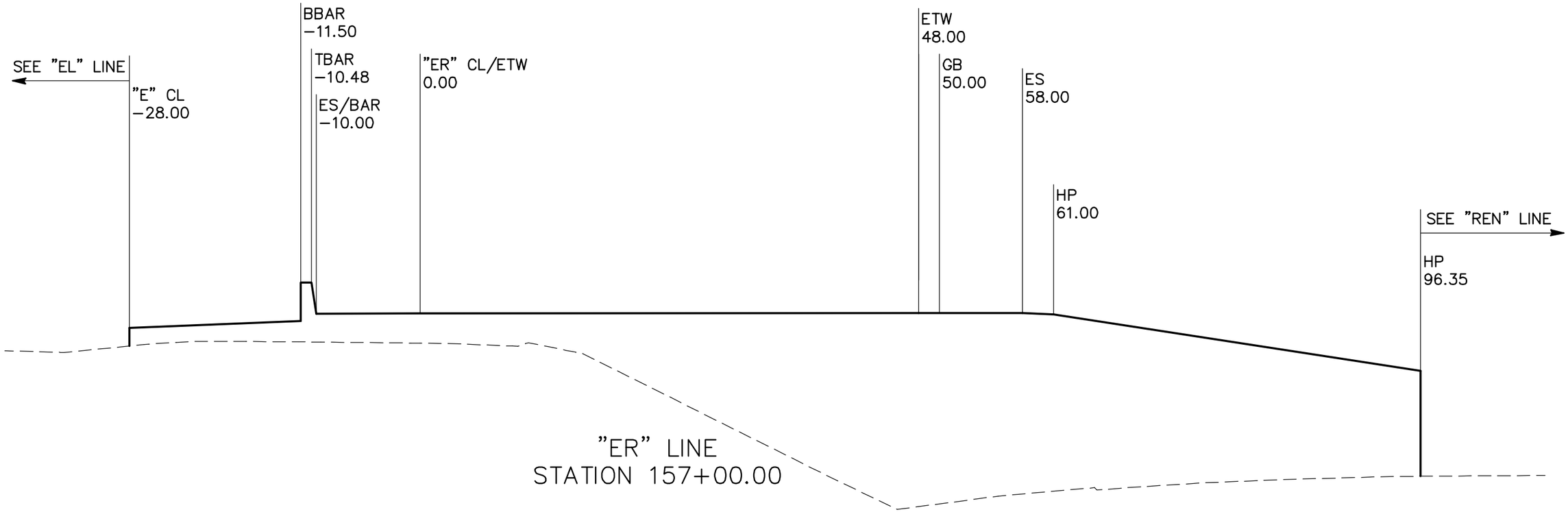
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"ER" LINE
STATION 156+81.02

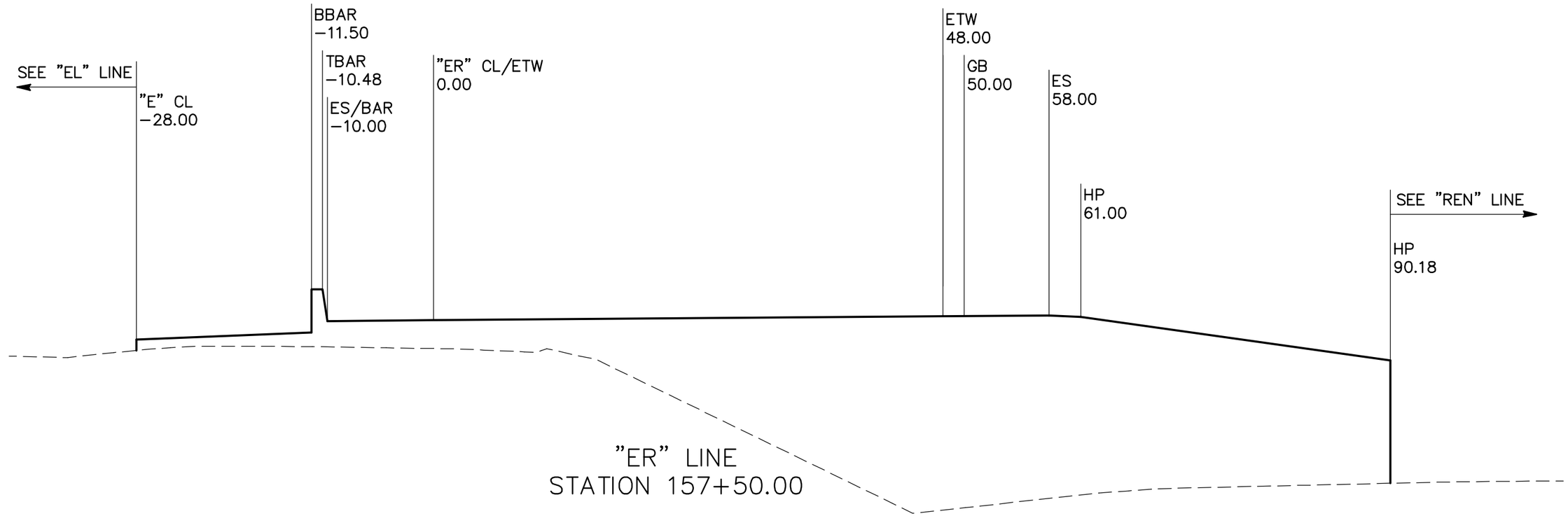
SEE "EL" LINE	"E" CL	BBAR	TBAR	ES/BAR	"ER" CL/ETW	ETW	GB	ES	TOD	HP	HP	HP	SEE "REN" LINE
Elev	49.27	49.96	53.53	50.53	50.51	50.42	50.42	50.41	50.73	50.71	50.86	44.27	
Dist	28.00	11.50	10.48	10.00	0.00	48.00	50.00	58.00	59.00	59.03	62.03	98.69	
X−Slope	−4.18%			0.18%		−0.18%	−0.18%	−0.18%			5.00%	−17.96%	

FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



SEE "EL" LINE	"E" CL	BBAR	TBAR	ES/BAR	"ER" CL/ETW	ETW	GB	ES	HP	HP	SEE "REN" LINE
Elev	48.93	49.62	53.32	50.32	50.33	50.37	50.37	50.38	50.23	44.82	
Dist	28.00	11.50	10.48	10.00	0.00	48.00	50.00	58.00	61.00	96.35	
X−Slope	−4.18%			−0.10%		0.08%	0.10%	0.10%	−5.00%	−15.30%	

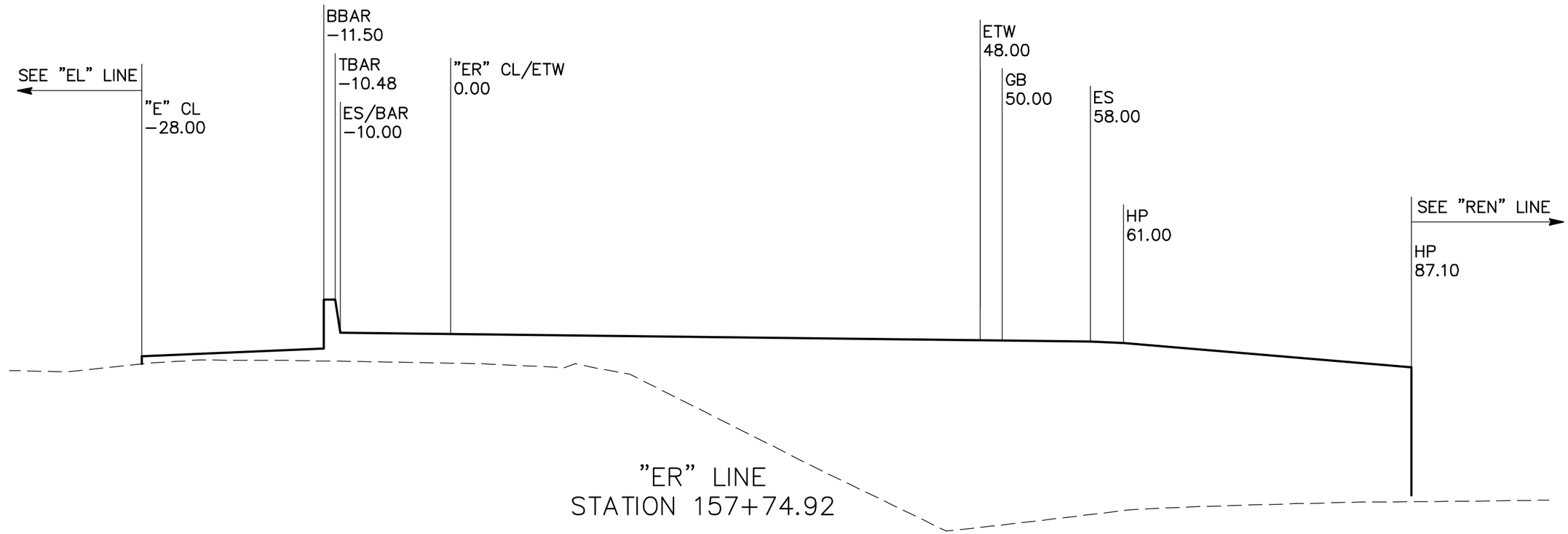
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"ER" LINE
STATION 157+50.00

SEE "EL" LINE	"E" CL	BBAR	TBAR	ES/BAR	"ER" CL/ETW	ETW	GB	ES	HP	HP	SEE "REN" LINE
Elev	48.05	48.74	52.80	49.80	49.88	50.26	50.28	50.34	50.19	46.09	
Dist	28.00	11.50	10.48	10.00	0.00	48.00	50.00	58.00	61.00	90.18	
X−Slope	−4.18%			−0.80%		0.79%	0.80%	0.80%	−5.00%	−14.03%	

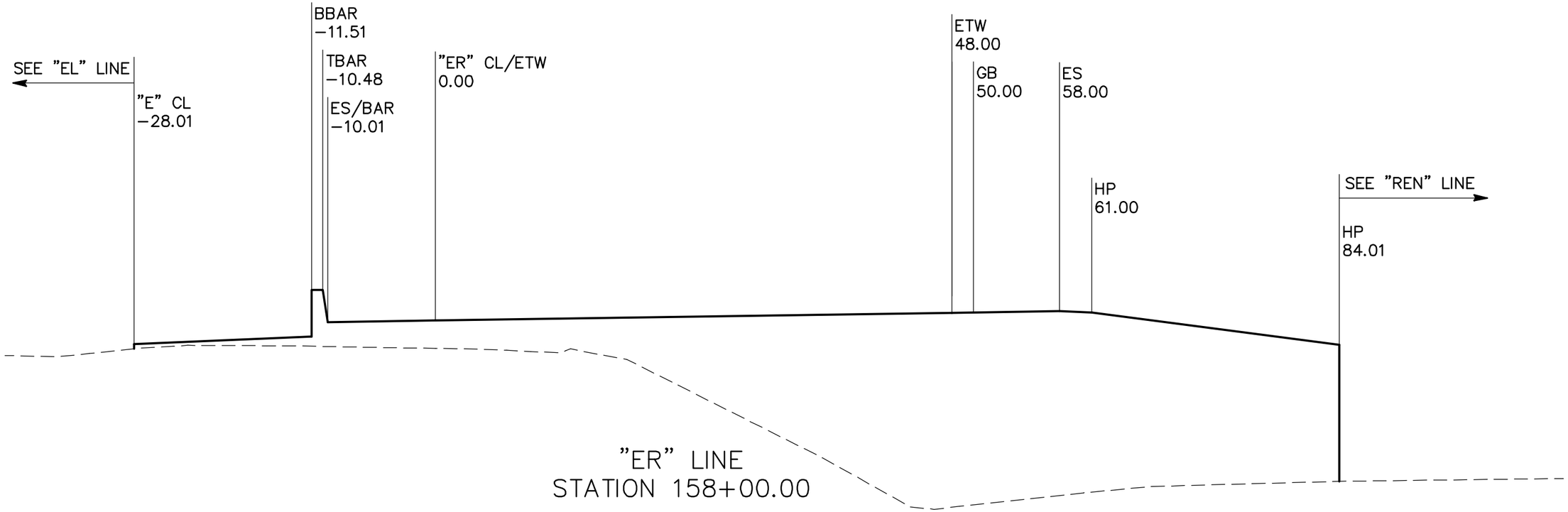
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"ER" LINE
STATION 157+74.92

SEE "EL" LINE	"E" CL	BBAR	TBAR	ES/BAR	"ER" CL/ETW	ETW	GB	ES	HP	HP	SEE "REN" LINE
Elev	47.64	48.33	52.78	49.78	49.66	49.10	49.08	48.99	48.84	46.63	
Dist	28.00	11.50	10.48	10.00	0.00	48.00	50.00	58.00	61.00	87.10	
X−Slope	−4.17%			1.16%		−1.16%	−1.16%	−1.16%	−5.00%	−8.46%	

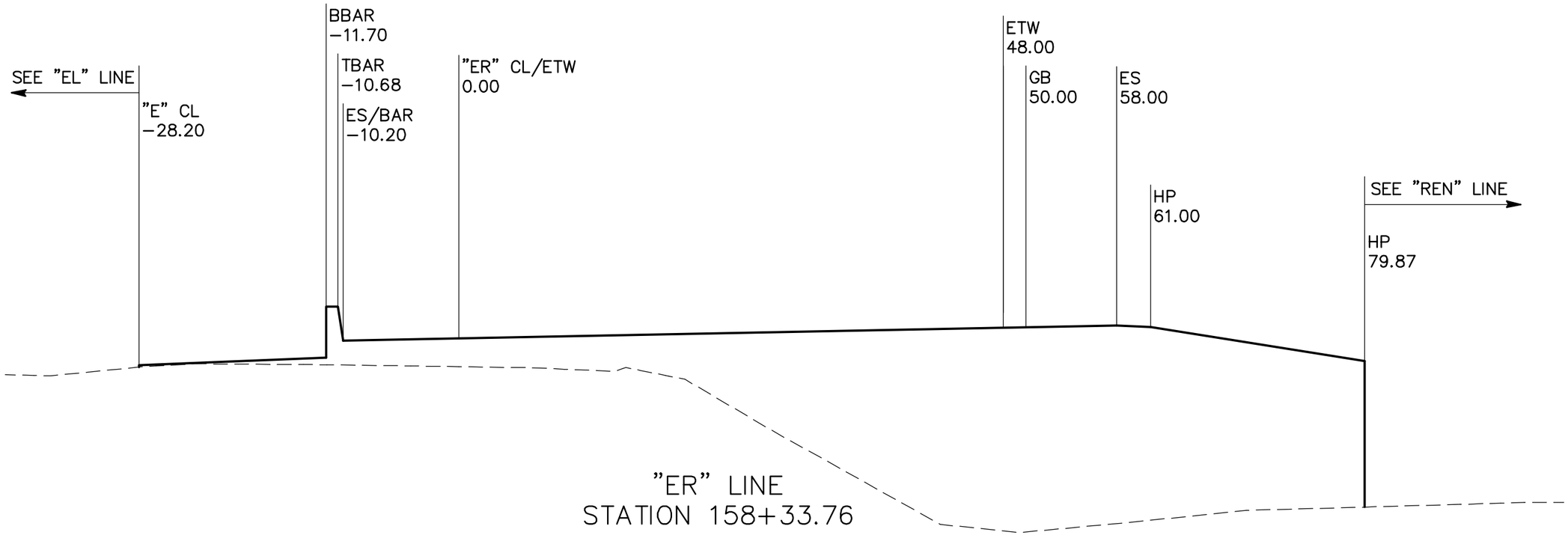
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"ER" LINE
STATION 158+00.00

SEE "EL" LINE	"E" CL	BBAR	TBAR	ES/BAR	"ER" CL/ETW	ETW	GB	ES	HP	HP	SEE "REN" LINE
Elev	47.25	47.94	52.29	49.29	49.44	50.15	50.18	50.32	50.17	47.17	
Dist	28.01	11.51	10.48	10.01	0.00	48.00	50.00	58.00	61.00	84.05	
X−Slope	−4.18%			−1.50%		1.48%	1.70%	1.70%	−5.00%	−13.02%	

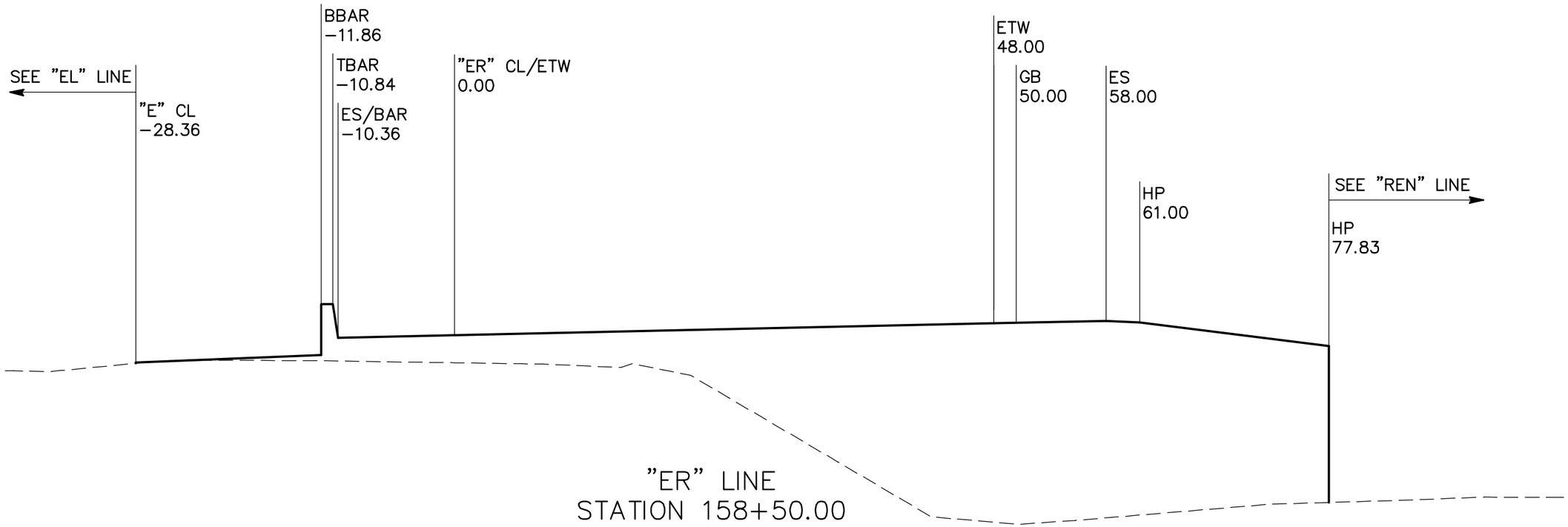
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"ER" LINE
STATION 158+33.76

SEE "EL" LINE	"E" CL	BBAR	TBAR	ES/BAR	"ER" CL/ETW	ETW	GB	ES	HP	HP	SEE "REN" LINE
Elev	46.80	47.49	51.96	48.96	49.16	50.12	50.16	50.32	50.17	47.17	
Dist	28.20	11.70	10.68	10.20	0.00	48.00	50.00	58.00	61.00	79.87	
X−Slope	−4.17%			−2.00%		2.00%	2.00%	2.00%	−5.00%	−15.89%	

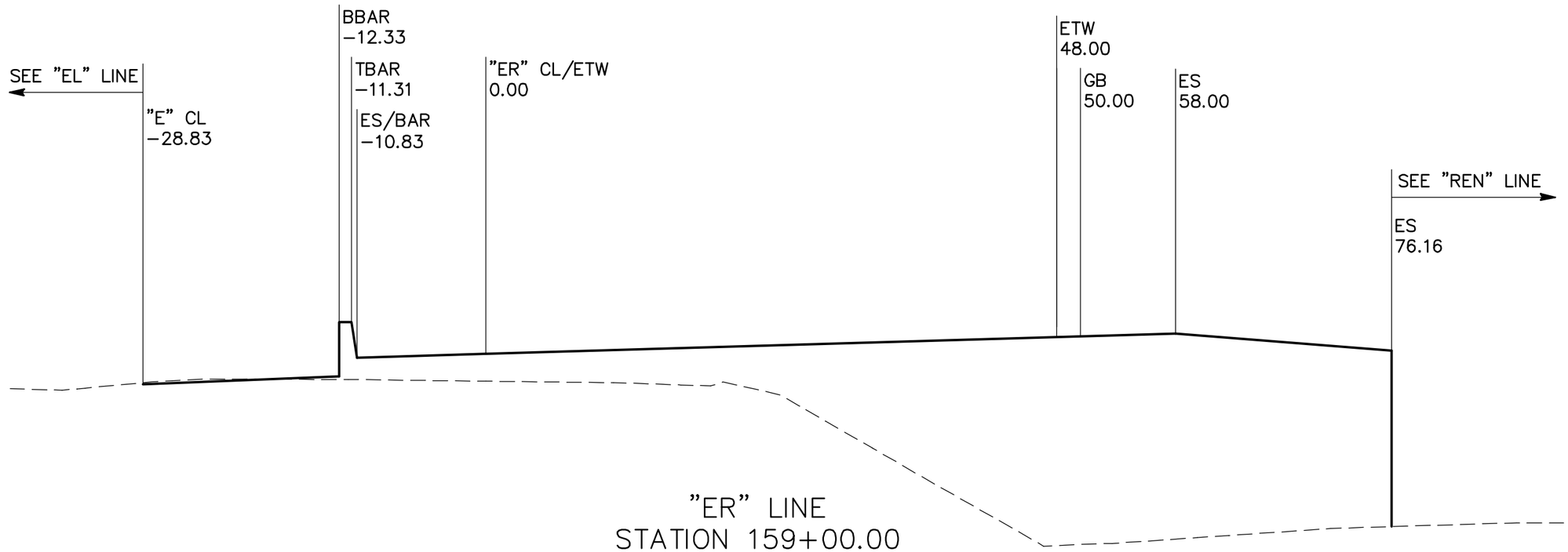
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"ER" LINE
STATION 158+50.00

SEE "EL" LINE	"E" CL	BBAR	TBAR	ES/BAR	"ER" CL/ETW	ETW	GB	ES	HP	HP	SEE "REN" LINE
Elev	46.61	47.30	51.81	48.81	49.04	50.11	50.15	50.33	50.18	48.07	
Dist	28.36	11.86	10.84	10.36	0.00	48.00	50.00	58.00	61.00	77.83	
X−Slope	−4.18%			−2.22%		2.23%	2.00%	2.25%	−5.00%	−12.54%	

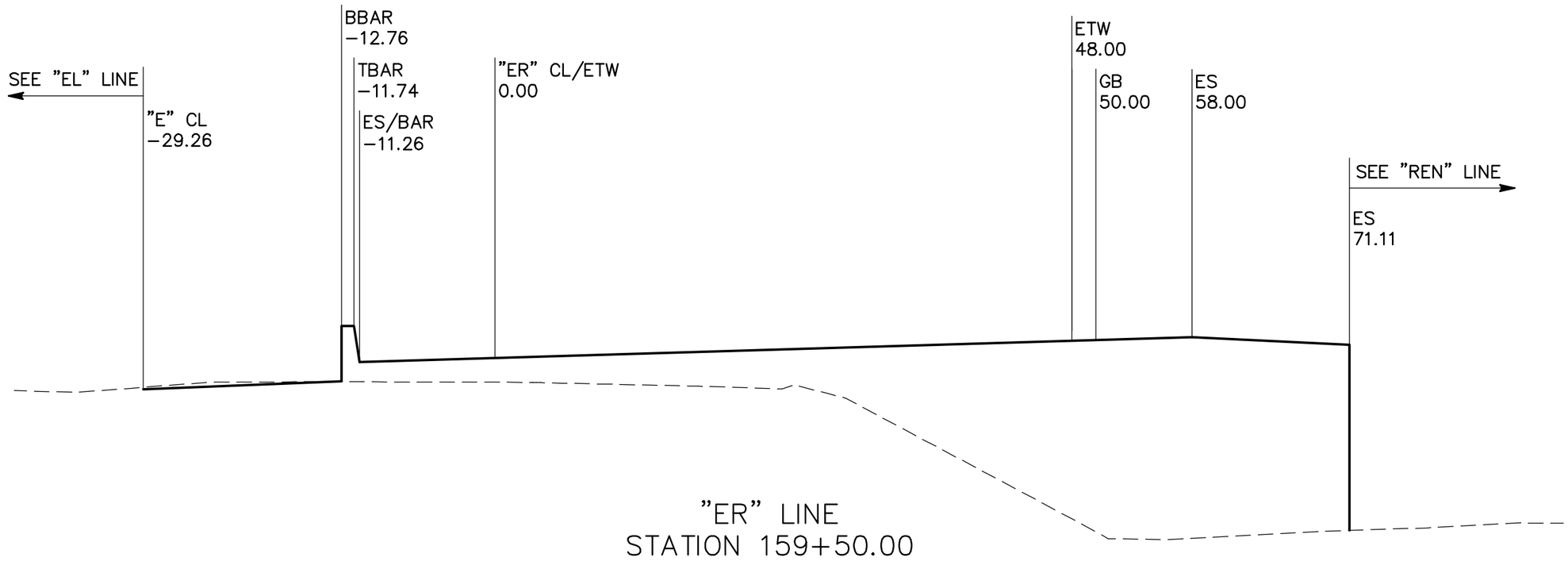
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"ER" LINE
STATION 159+00.00

SEE "EL" LINE	"E" CL	BBAR	TBAR	ES/BAR	"ER" CL/ETW	ETW	GB	ES	ES	SEE "REN" LINE
Elev	46.12	46.81	51.37	48.37	48.69	50.11	50.16	50.40	48.97	
Dist	28.83	12.33	11.31	10.83	0.00	48.00	50.00	58.00	76.16	
X−Slope	−4.18%			−2.95%		2.96%	2.50%	3.00%	−7.87%	

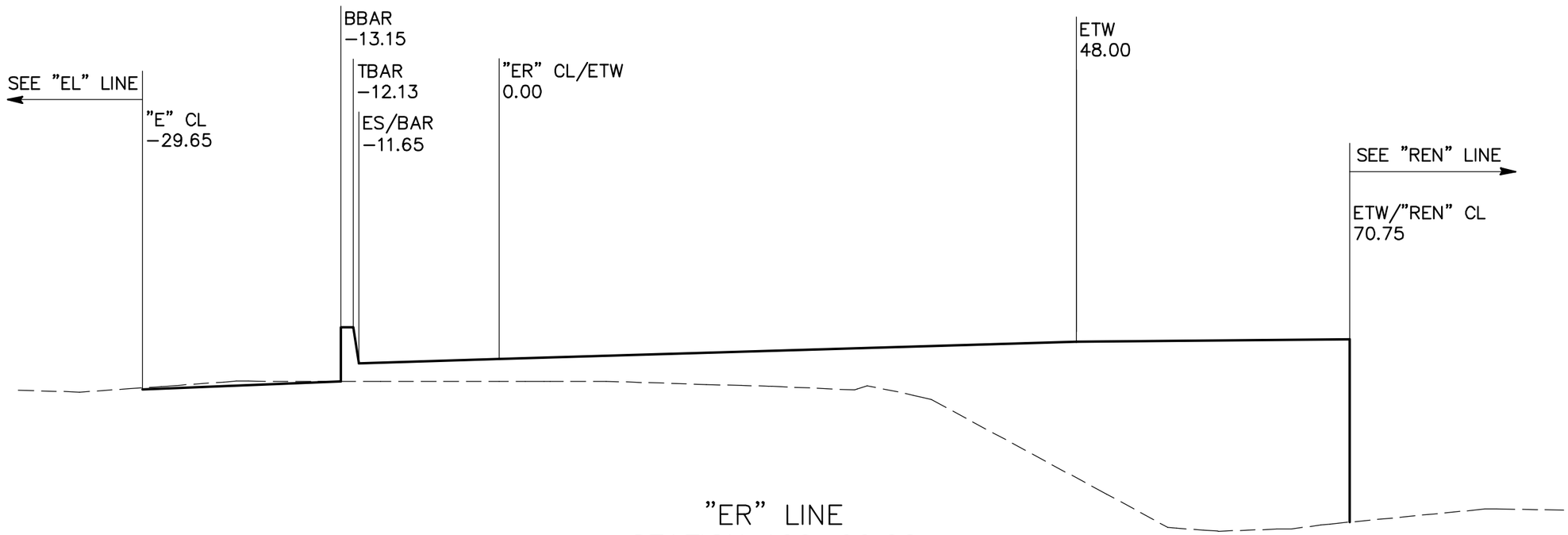
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"ER" LINE
STATION 159+50.00

SEE "EL" LINE	"E" CL	BBAR	TBAR	ES/BAR	"ER" CL/ETW	ETW	GB	ES	ES	SEE "REN" LINE
Elev	45.78	46.47	51.04	48.04	48.38	49.82	49.88	50.12	49.50	
Dist	29.26	12.76	11.74	11.26	0.00	48.00	50.00	58.00	71.11	
X−Slope	−4.18%			−3.02%		3.00%	3.00%	3.00%	−4.73%	

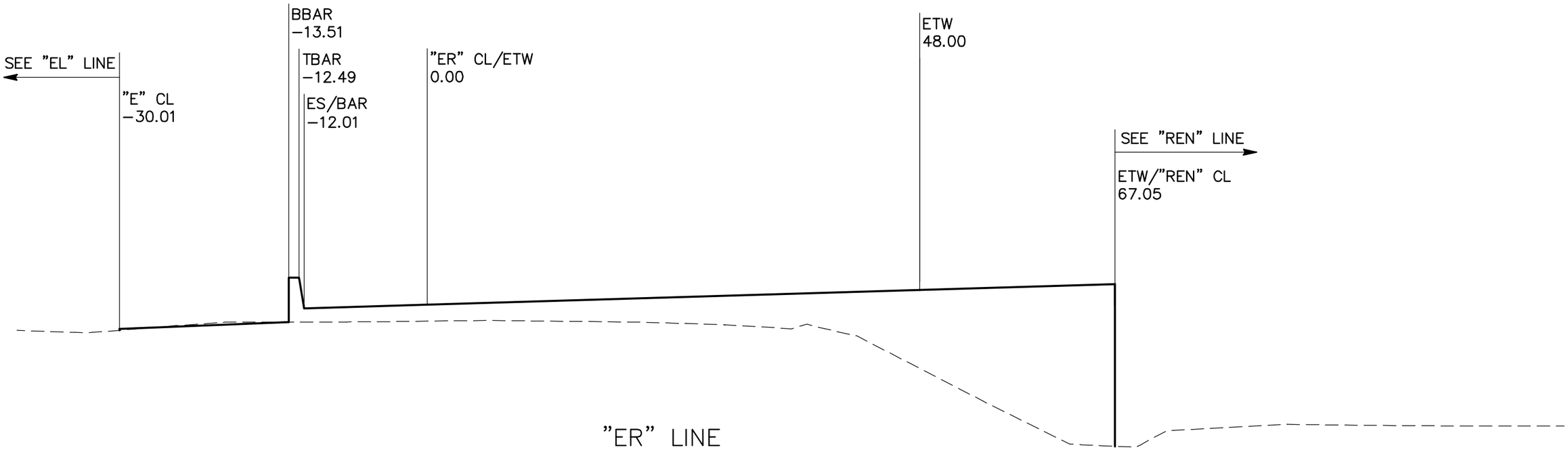
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"ER" LINE
STATION 160+00.00

SEE "EL" LINE	"E" CL	BBAR	TBAR	ES/BAR	"ER" CL/ETW	ETW	ETW/"REN" CL	SEE "REN" LINE
Elev	45.59	46.28	50.77	47.77	48.12	49.56	49.76	
Dist	29.65	13.15	12.13	11.65	0.00	48.00	70.75	
X−Slope	−4.18%			−3.00%		3.00%	0.88%	

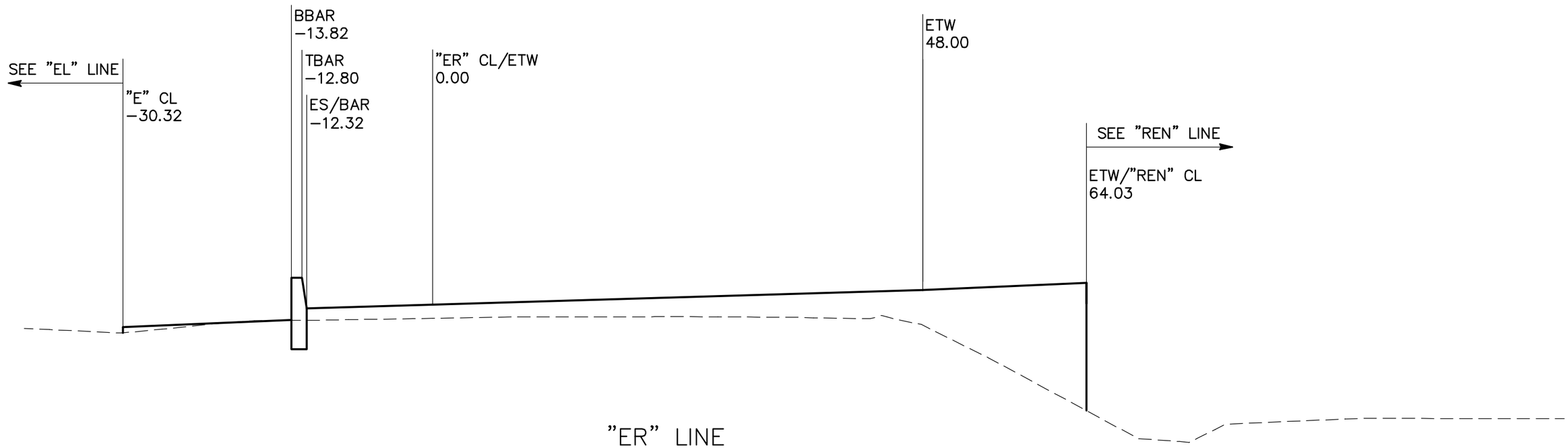
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"ER" LINE
STATION 160+50.00

SEE "EL" LINE	"E" CL	BBAR	TBAR	ES/BAR	"ER" CL/ETW	ETW	ETW/"REN" CL	SEE "REN" LINE
Elev	45.54	46.23	50.55	47.55	47.91	49.35	49.92	
Dist	30.01	13.51	12.49	12.01	0.00	48.00	67.05	
X−Slope	−4.18%			−3.00%		3.00%	2.99%	

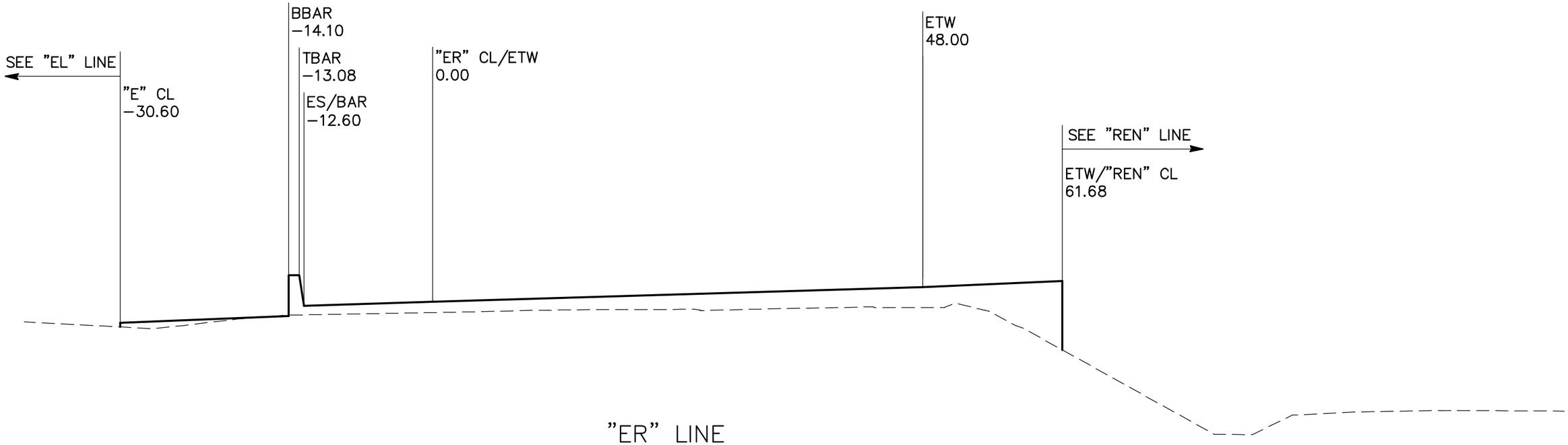
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"ER" LINE
STATION 161+00.00

SEE "EL" LINE	"E" CL	BBAR	TBAR	ES/BAR	"ER" CL/ETW	ETW	ETW/"REN" CL	SEE "REN" LINE
Elev	45.56	46.25	50.38	47.38	47.75	49.19	49.90	
Dist	30.32	13.82	12.80	12.32	0.00	48.00	64.03	
X−Slope	−4.18%			−3.00%		3.00%	4.43%	

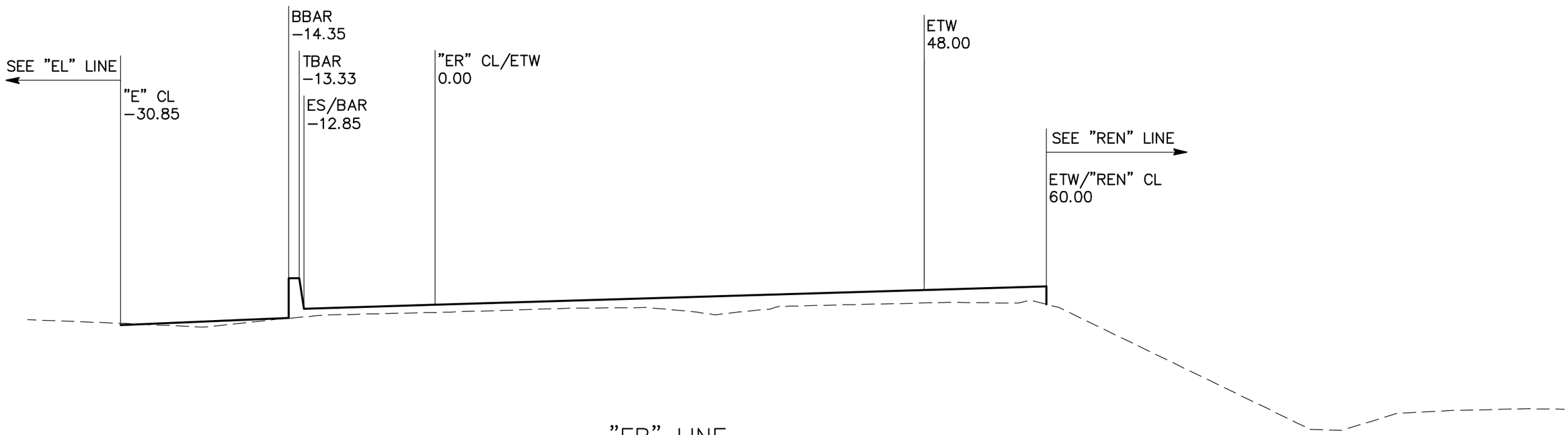
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"ER" LINE
STATION 161+50.00

SEE "EL" LINE	"E" CL	BBAR	TBAR	ES/BAR	"ER" CL/ETW	ETW	ETW/ "REN" CL	SEE "REN" LINE
Elev	45.58	46.27	50.26	47.26	47.64	49.08	49.68	
Dist	30.60	14.10	13.08	12.60	0.00	48.00	61.68	
X-Slope	-4.18%			-3.01%		3.00%	4.39%	

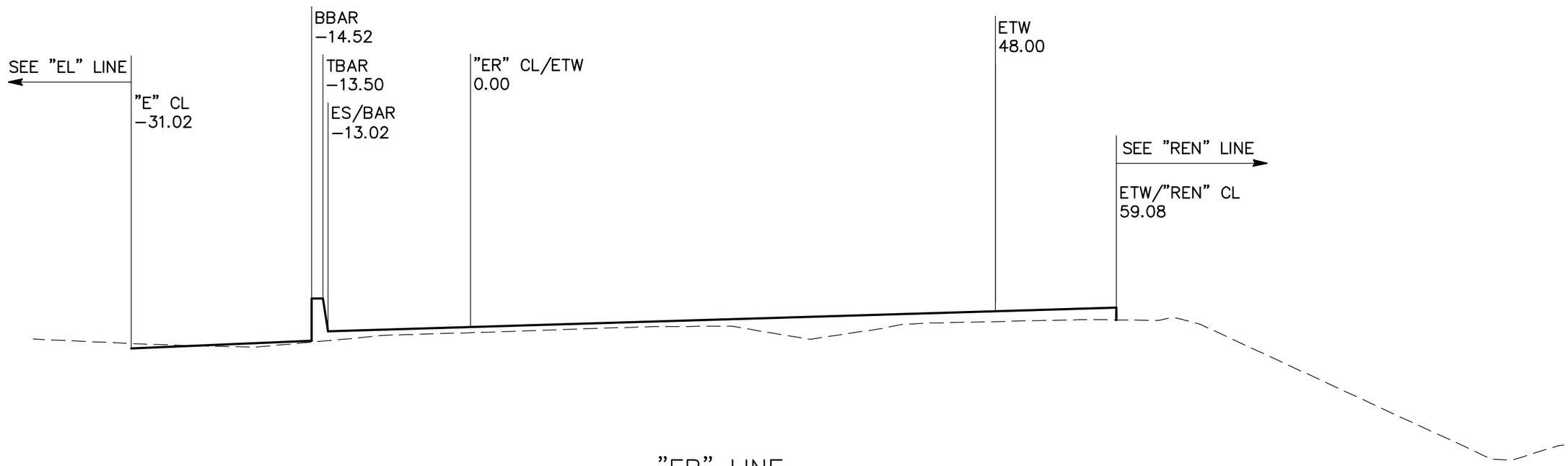
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"ER" LINE
STATION 162+00.00

SEE "EL" LINE	"E" CL	BBAR	TBAR	ES/BAR	"ER" CL/ETW	ETW	ETW/ "REN" CL	SEE "REN" LINE
Elev	45.60	46.29	50.19	47.19	47.58	49.02	49.38	
Dist	30.85	14.35	13.33	12.85	0.00	48.00	60.00	
X-Slope	-4.18%			-3.04%		3.00%	3.00%	

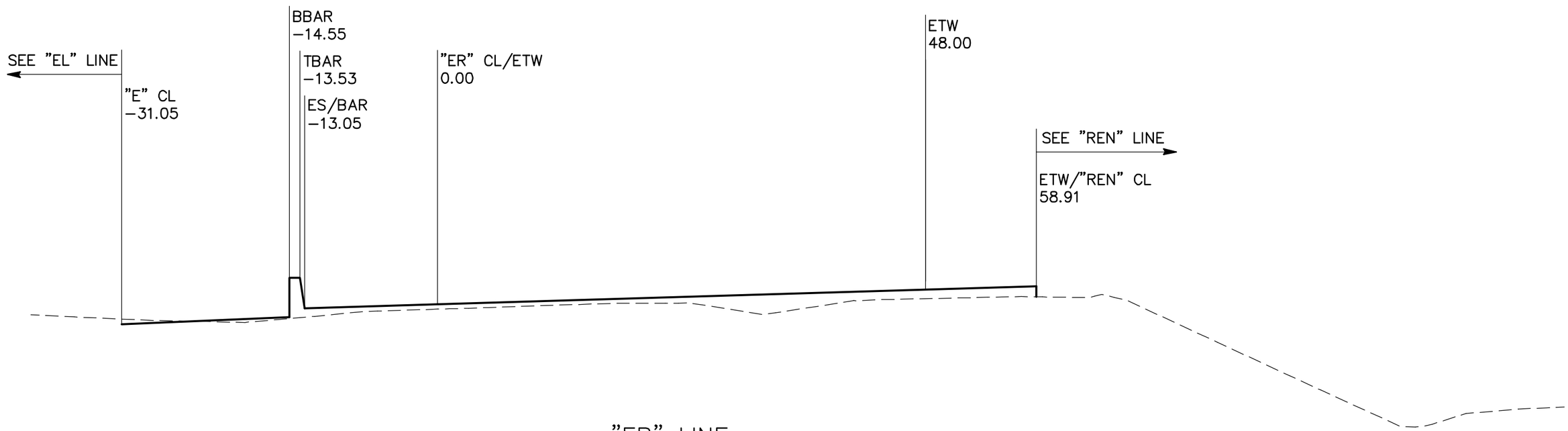
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"ER" LINE
STATION 162+41.58

SEE "EL" LINE	"E" CL	BBAR	TBAR	ES/BAR	"ER" CL/ETW	ETW	ETW/ "REN" CL	SEE "REN" LINE
Elev	45.62	46.31	50.17	47.17	47.56	49.00	49.33	
Dist	31.02	14.52	13.50	13.02	0.00	48.00	59.08	
X-Slope	-4.17%			-3.00%		3.00%	3.00%	

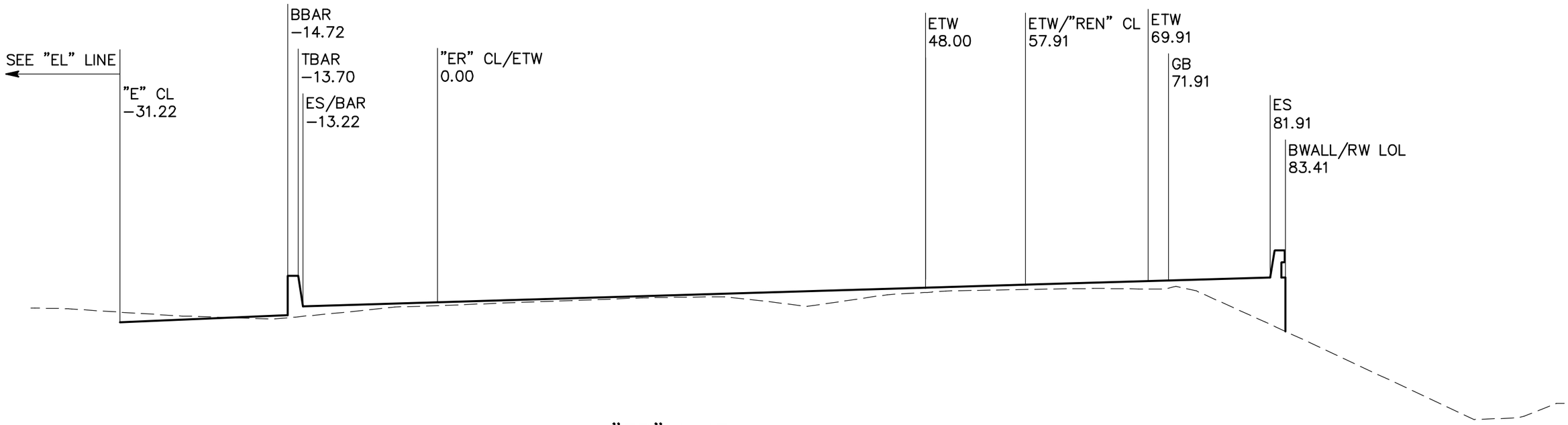
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"ER" LINE
STATION 162+50.00

SEE "EL" LINE	"E" CL	BBAR	TBAR	ES/BAR	"ER" CL/ETW	ETW	ETW/ "REN" CL	SEE "REN" LINE
Elev	45.62	46.31	50.17	47.17	47.56	49.00	49.33	
Dist	31.05	14.55	13.53	13.05	0.00	48.00	58.91	
X-Slope	-4.18%			-2.99%		3.00%	3.02%	

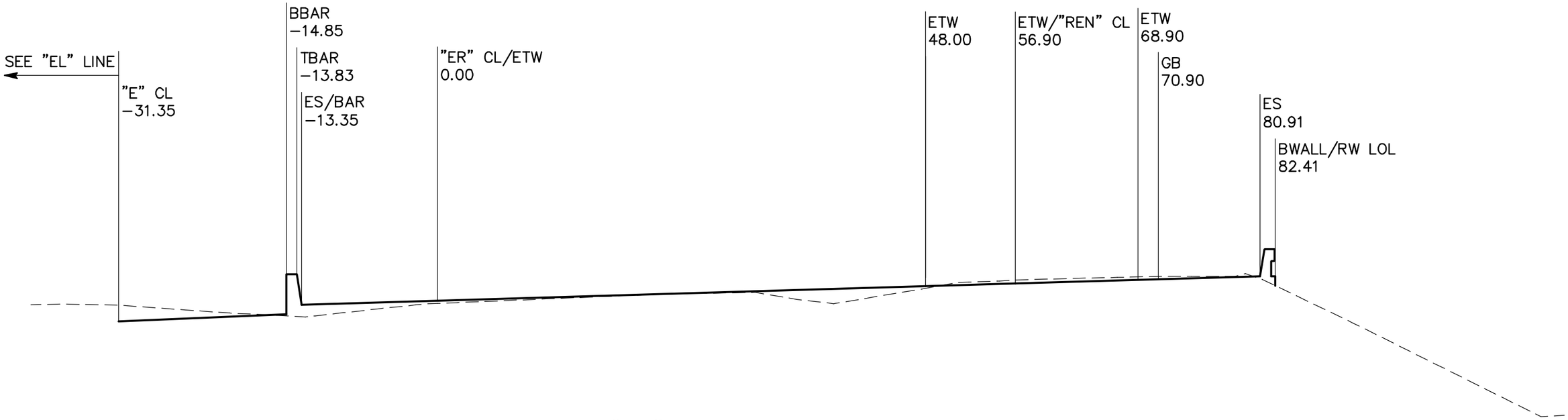
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"ER" LINE
STATION 163+00.00

SEE "EL" LINE	"E" CL	BBAR	TBAR	ES/BAR	"ER" CL/ETW	ETW	ETW/ "REN" CL	ETW	GB	ES	BWALL/RW LOL
Elev	45.64	46.33	50.19	47.19	47.59	49.03	49.33	49.69	49.75	50.05	44.75
Dist	31.22	14.72	13.70	13.22	0.00	48.00	57.91	69.91	71.91	81.91	83.41
X−Slope	−4.18%			−3.03%		3.00%	3.03%	3.00%	3.00%	3.00%	

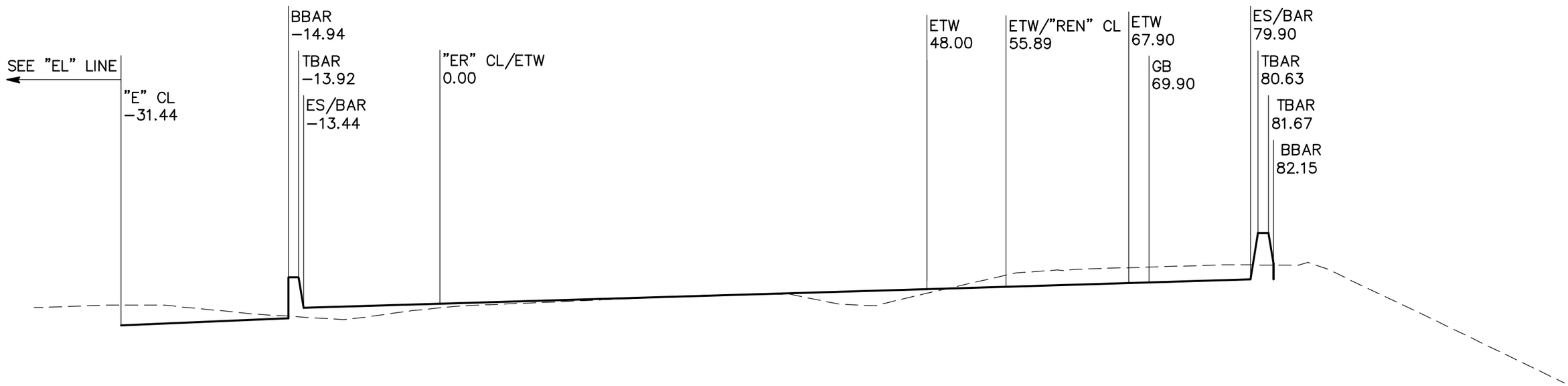
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"ER" LINE
STATION 163+50.00

SEE "EL" LINE	"E" CL	BBAR	TBAR	ES/BAR	"ER" CL/ETW	ETW	ETW/ "REN" CL	ETW	GB	ES	BWALL/RW LOL
Elev	45.66	46.35	50.27	47.27	47.67	49.11	49.38	49.74	49.80	50.10	49.16
Dist	31.35	14.85	13.83	13.35	0.00	48.00	56.90	68.90	70.90	80.91	82.41
X−Slope	−4.18%			−3.00%		3.00%	3.03%	3.00%	3.00%	3.00%	

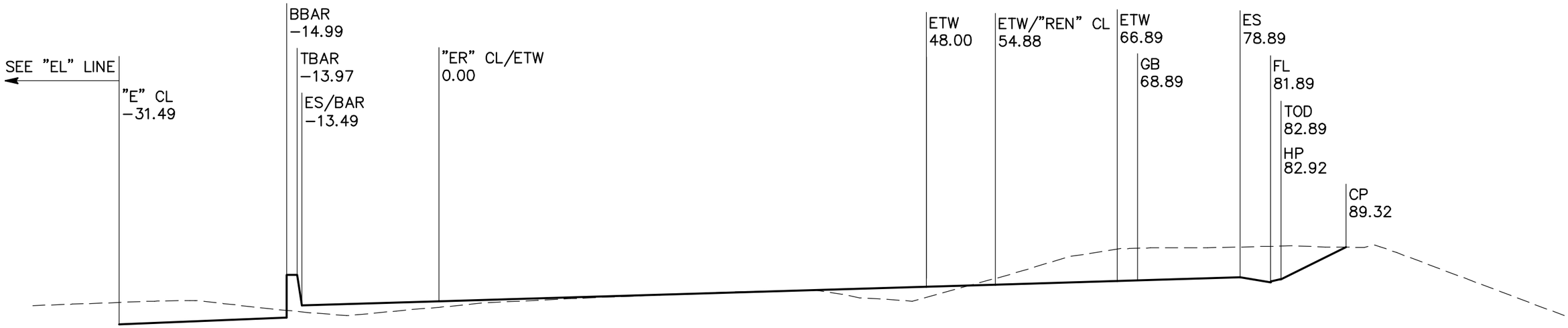
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"ER" LINE
STATION 164+00.00

SEE "EL" LINE	"E" CL	BBAR	TBAR	ES/BAR	"ER" CL/ETW	ETW	ETW/ "REN" CL	ETW	GB	ES/BAR	TBAR	TBAR	BBAR
Elev	45.68	46.37	50.40	47.40	47.80	49.24	49.48	49.84	49.90	50.20	50.20	50.20	51.62
Dist	31.44	14.94	13.92	13.44	0.00	48.00	55.89	67.90	69.90	79.90	80.63	81.67	82.15
X−Slope	−4.18%			−2.98%		3.00%	3.04%	3.00%	3.00%	3.00%			

FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"ER" LINE
STATION 164+50.00

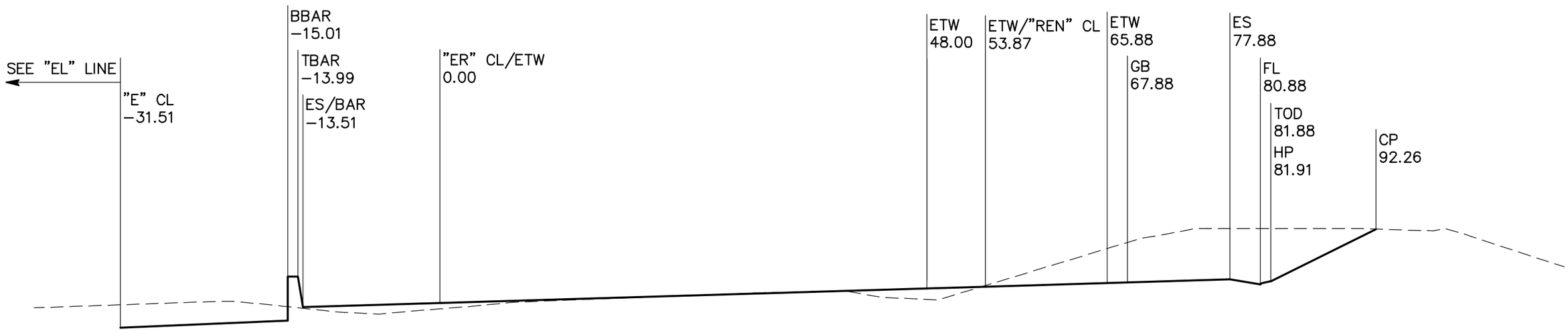
SEE "EL" LINE	"E" CL	BBAR	TBAR	ES/BAR	"ER" CL/ETW	ETW	ETW/ "REN" CL	ETW	GB	ES	FL	TOD	HP	CP
Elev	45.72	46.41	50.58	47.58	47.98	49.42	49.63	49.99	50.05	50.35	49.85	50.17	50.15	53.33
Dist	31.49	14.99	13.97	13.49	0.00	48.00	54.88	66.89	68.89	78.89	81.89	82.89	82.92	89.32
X−Slope	−4.18%			−2.96%		3.00%	3.05%	3.00%	3.00%	3.00%	−16.66%			49.69%

FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1

"ER" LINE
STATION 164+74.92

SEE "EL" LINE	"E" CL	BBAR	TBAR	ES/BAR	"ER" CL/ETW	ETW	ETW/ "REN" CL	ETW	GB	ES	FL	TOD	HP	CP
Elev	45.75	46.44	50.68	47.68	48.09	49.53	49.72	50.08	50.14	50.44	49.94	50.26	50.24	54.28
Dist	31.51	15.01	13.99	13.51	0.00	48.00	54.39	66.39	68.39	78.39	81.39	82.39	82.42	90.53
X−Slope	−4.17%			−3.00%		3.00%	3.00%	3.00%	3.00%	3.00%	−16.69%			49.82%

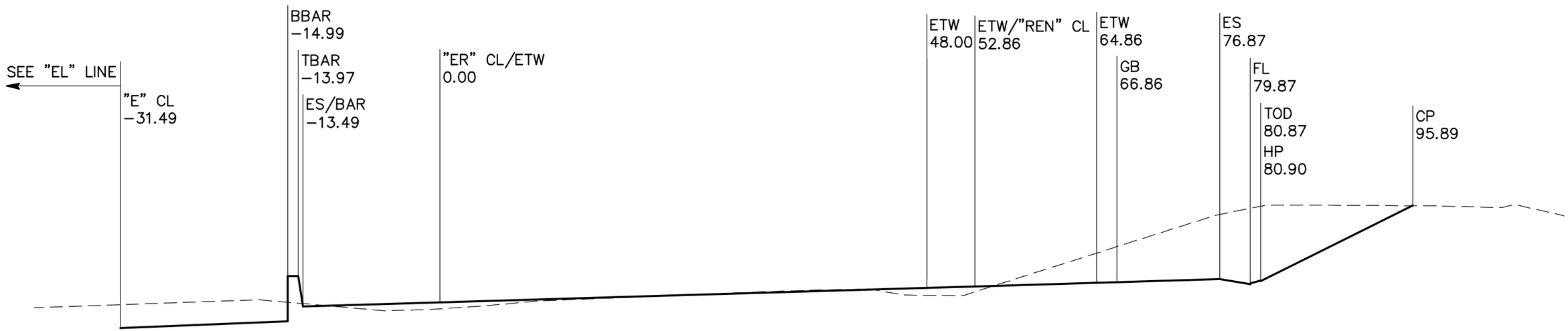
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"ER" LINE
STATION 165+00.00

SEE "EL" LINE	"E" CL	BBAR	TBAR	ES/BAR	"ER" CL/ETW	ETW	ETW/ "REN" CL	ETW	GB	ES	FL	TOD	HP	CP
Elev	45.79	46.48	50.79	47.79	48.20	49.64	49.82	50.18	50.24	50.54	50.04	50.36	50.34	55.49
Dist	31.51	15.01	13.99	13.51	0.00	48.00	53.87	65.88	67.88	77.88	80.88	81.88	81.91	92.26
X−Slope	−4.18%			−3.03%		3.00%	3.06%	3.00%	3.00%	3.00%	−16.66%			49.76%

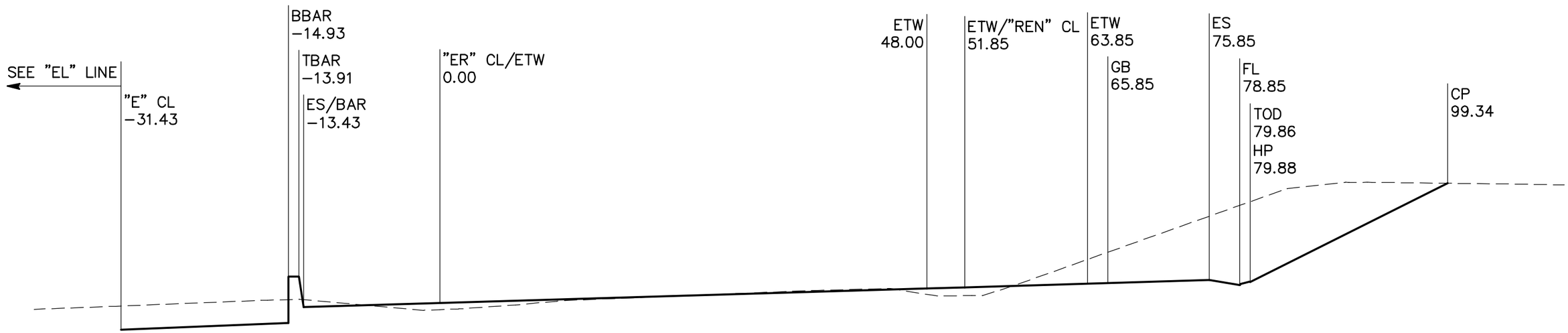
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"ER" LINE
STATION 165+50.00

SEE "EL" LINE	"E" CL	BBAR	TBAR	ES/BAR	"ER" CL/ETW	ETW	ETW/ "REN" CL	ETW	GB	ES	FL	TOD	HP	CP
Elev	45.89	46.58	51.02	48.02	48.42	49.86	50.01	50.37	50.43	50.73	50.23	50.55	50.53	58.00
Dist	31.49	14.99	13.97	13.49	0.00	48.00	52.86	64.86	66.86	76.87	79.87	80.87	80.90	95.89
X−Slope	−4.18%			−2.97%		3.00%	3.09%	3.00%	3.00%	3.00%	−16.65%			49.83%

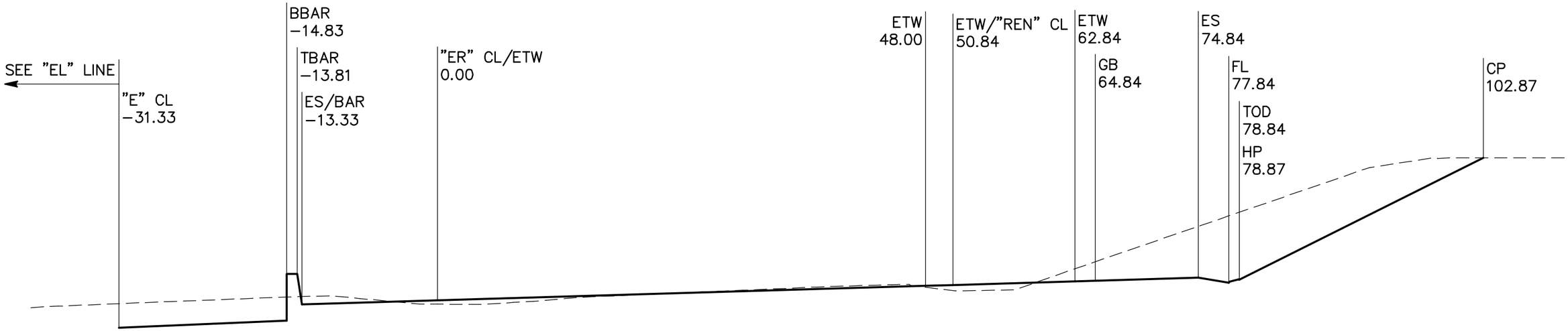
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"ER" LINE
STATION 166+00.00

SEE "EL" LINE	"E" CL	BBAR	TBAR	ES/BAR	"ER" CL/ETW	ETW	ETW/ "REN" CL	ETW	GB	ES	FL	TOD	HP	CP
Elev	46.02	46.71	51.25	48.25	48.65	50.09	50.21	50.57	50.63	50.93	50.43	50.74	50.73	60.45
Dist	31.43	14.93	13.91	13.43	0.00	48.00	51.85	63.85	65.85	75.85	78.85	79.86	79.88	99.34
X-Slope	-4.18%			-2.98%		3.00%	3.12%	3.00%	3.00%	3.00%	-16.69%			49.95%

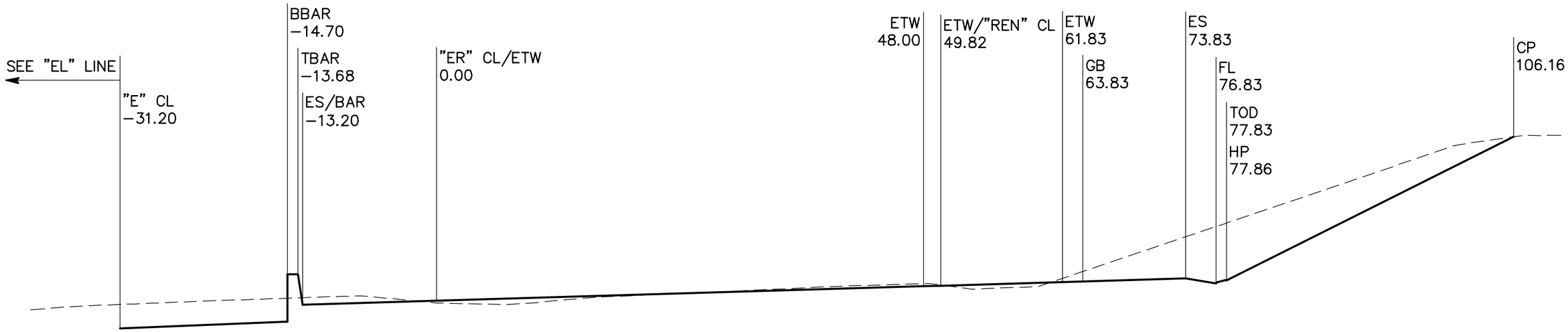
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"ER" LINE
STATION 166+50.00

SEE "EL" LINE	"E" CL	BBAR	TBAR	ES/BAR	"ER" CL/ETW	ETW	ETW/ "REN" CL	ETW	GB	ES	FL	TOD	HP	CP
Elev	46.18	46.87	51.47	48.47	48.87	50.31	50.40	50.76	50.82	51.12	50.62	50.94	50.92	62.91
Dist	31.33	14.83	13.81	13.33	0.00	48.00	50.84	62.84	64.84	74.84	77.84	78.84	78.87	102.87
X−Slope	−4.18%			−3.00%		3.00%	3.17%	3.00%	3.00%	3.00%	−16.68%			49.96%

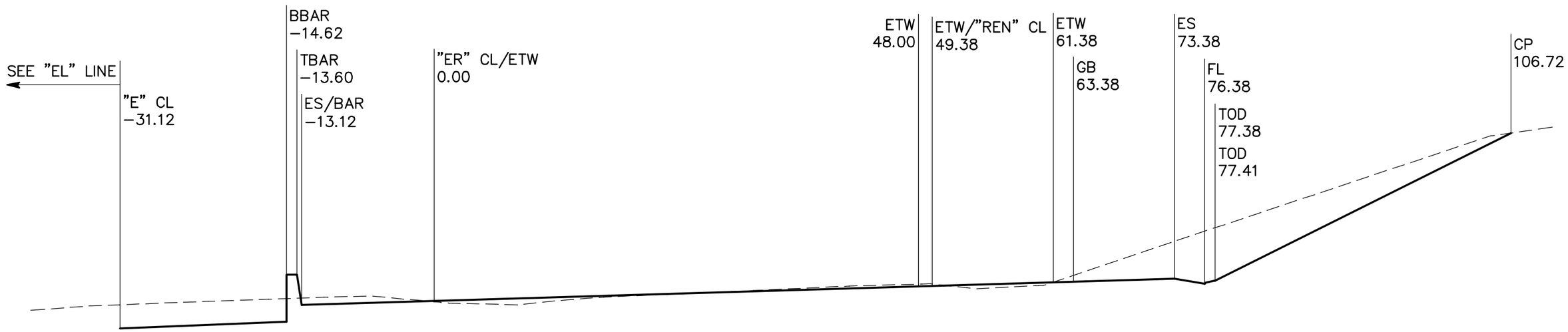
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"ER" LINE
STATION 167+00.00

SEE "EL" LINE	"E" CL	BBAR	TBAR	ES/BAR	"ER" CL/ETW	ETW	ETW/ "REN" CL	ETW	GB	ES	FL	TOD	HP	CP
Elev	46.37	47.06	51.70	48.70	49.10	50.54	50.59	50.95	51.01	51.31	50.81	51.11	51.11	65.26
Dist	31.20	14.70	13.68	13.20	0.00	48.00	49.82	61.83	63.83	73.83	76.83	77.83	77.86	106.16
X−Slope	−4.18%			−3.03%		3.00%	2.75%	3.00%	3.00%	3.00%	−16.67%			50.00%

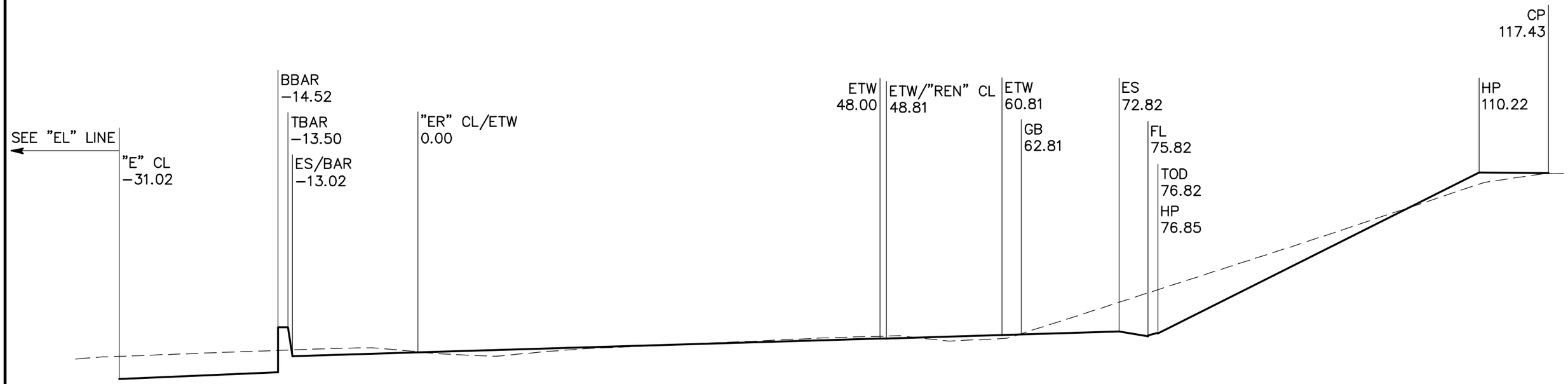
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"ER" LINE
STATION 167+22.29

SEE "EL" LINE	"E" CL	BBAR	TBAR	ES/BAR	"ER" CL/ETW	ETW	ETW/ "REN" CL	ETW	GB	ES	FL	TOD	HP	CP
Elev	46.47	47.16	51.81	48.81	49.20	50.64	50.68	51.04	51.10	51.40	50.90	51.22	51.20	65.85
Dist	31.12	14.62	13.60	13.12	0.00	48.00	49.38	61.38	63.38	73.38	76.38	77.38	77.41	106.72
X−Slope	−4.17%			−3.00%		3.00%	3.01%	3.00%	3.00%	3.00%	−16.66%			49.99%

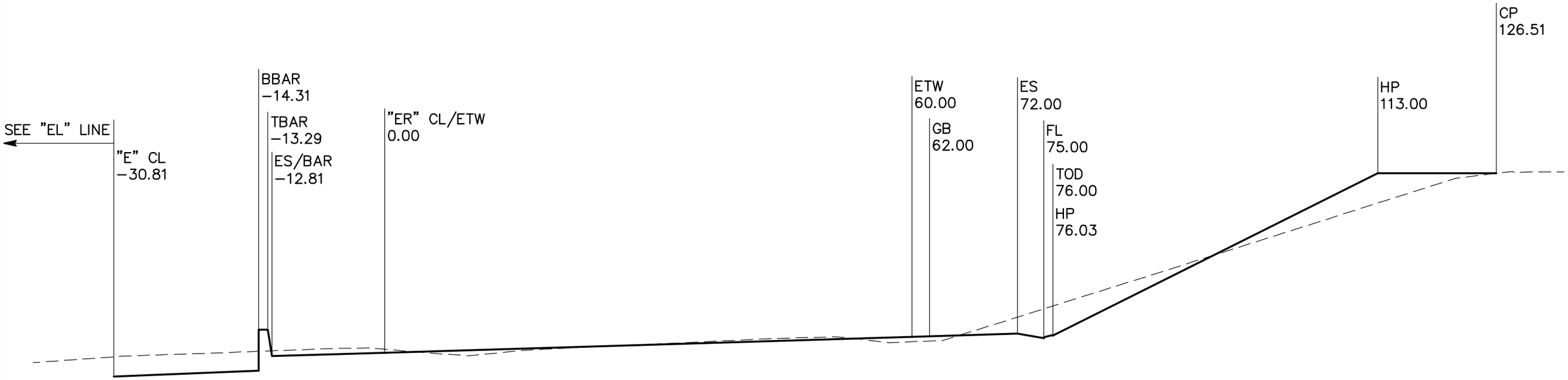
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"ER" LINE
STATION 167+50.00

SEE "EL" LINE	"E" CL	BBAR	TBAR	ES/BAR	"ER" CL/ETW	ETW	ETW/ "REN" CL	ETW	GB	ES	FL	TOD	HP	HP	CP
Elev	46.59	47.28	51.94	48.94	49.33	50.77	50.79	51.15	51.21	51.51	51.01	51.33	51.31	68.00	67.94
Dist	31.02	14.52	13.50	13.02	0.00	48.00	48.81	60.81	62.81	72.82	75.82	76.82	76.85	110.22	117.43
X−Slope	−4.18%			−3.00%		3.00%	2.47%	3.00%	3.00%	3.00%	−16.67%			50.01%	−0.83%

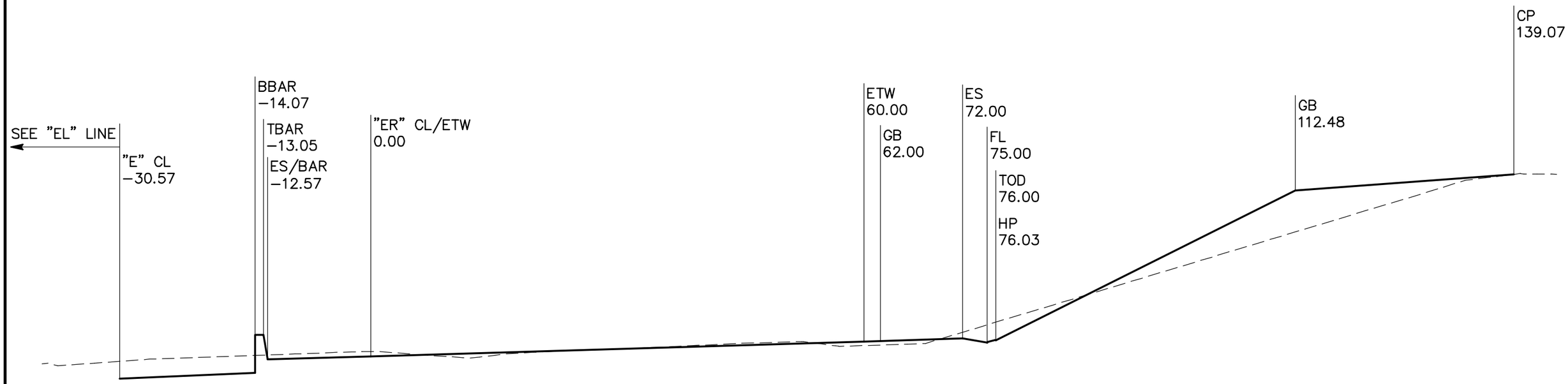
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"ER" LINE
STATION 168+00.00

SEE "EL" LINE	"E" CL	BBAR	TBAR	ES/BAR	"ER" CL/ETW	ETW	GB	ES	FL	TOD	HP	HP	CP
Elev	46.84	47.53	52.19	49.19	49.57	51.37	51.43	51.73	51.23	51.55	51.53	70.01	70.00
Dist	30.81	14.31	13.29	12.81	0.00	60.00	62.00	72.00	75.00	76.00	76.03	113.00	126.51
X-Slope	-4.18%			-2.97%		3.00%	3.00%	3.00%	-16.67%			49.99%	-0.07%

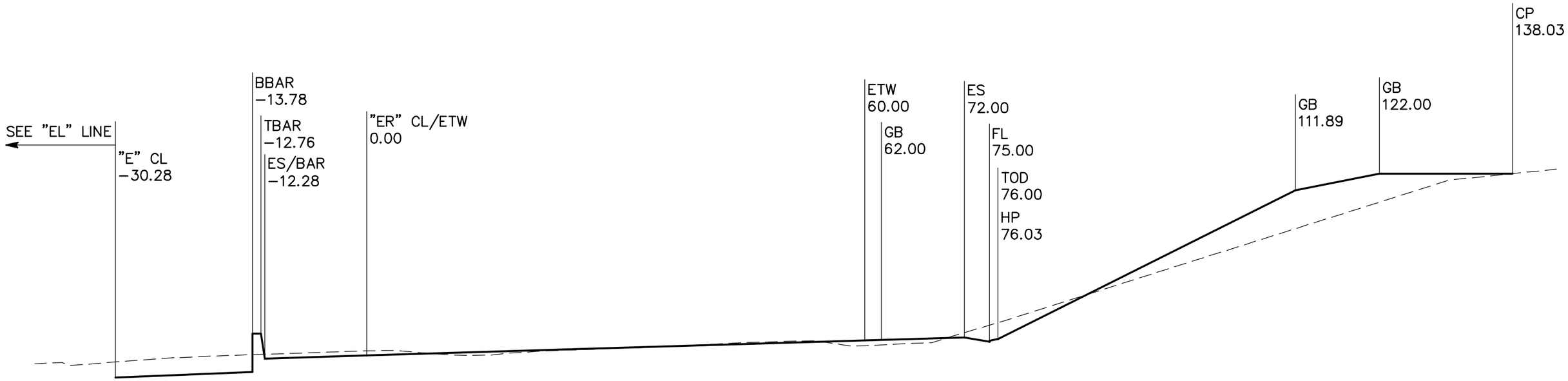
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"ER" LINE
STATION 168+50.00

SEE "EL" LINE	"E" CL	BBAR	TBAR	ES/BAR	"ER" CL/ETW	ETW	GB	ES	FL	TOD	HP	HP	CP
Elev	47.12	47.81	52.45	49.45	49.83	51.63	51.69	51.99	51.49	51.81	51.79	70.01	71.97
Dist	30.57	14.07	13.05	12.57	0.00	60.00	62.00	72.00	75.00	76.00	76.03	112.48	139.07
X-Slope	-4.18%			-3.02%		3.00%	3.00%	3.00%	-16.67%			49.99%	7.37%

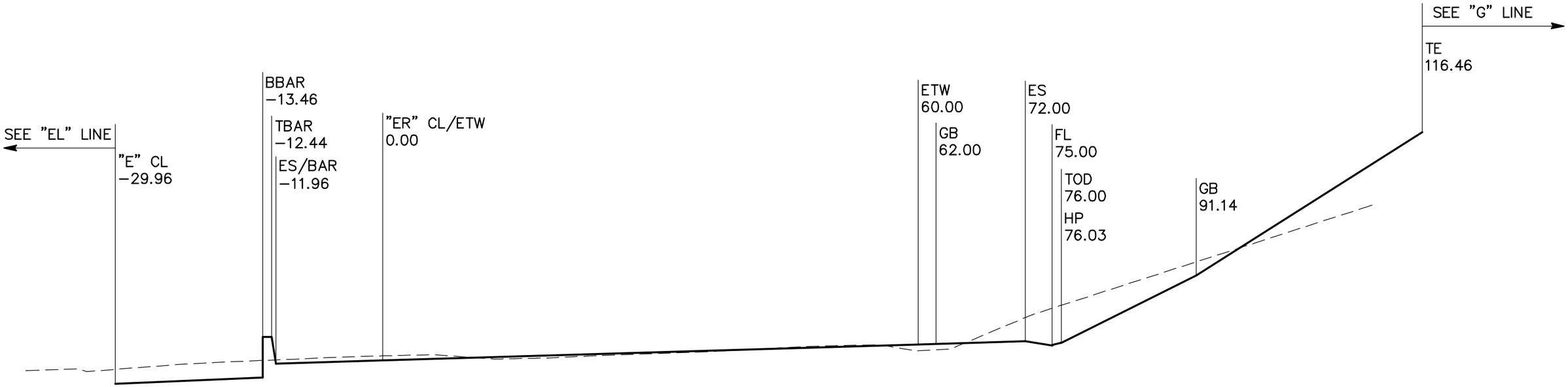
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"ER" LINE
STATION 169+00.00

SEE "EL" LINE	"E" CL	BBAR	TBAR	ES/BAR	"ER" CL/ETW	ETW	GB	ES	FL	TOD	HP	HP	HP	CP
Elev	47.43	48.12	52.73	49.73	50.10	51.90	51.96	52.26	51.76	52.08	52.06	69.99	72.00	72.00
Dist	30.28	13.78	12.76	12.28	0.00	60.00	62.00	72.00	75.00	76.00	76.03	111.89	122.00	138.03
X-Slope	-4.18%			-3.01%		3.00%	3.00%	3.00%	-16.67%			50.00%	19.88%	0.00%

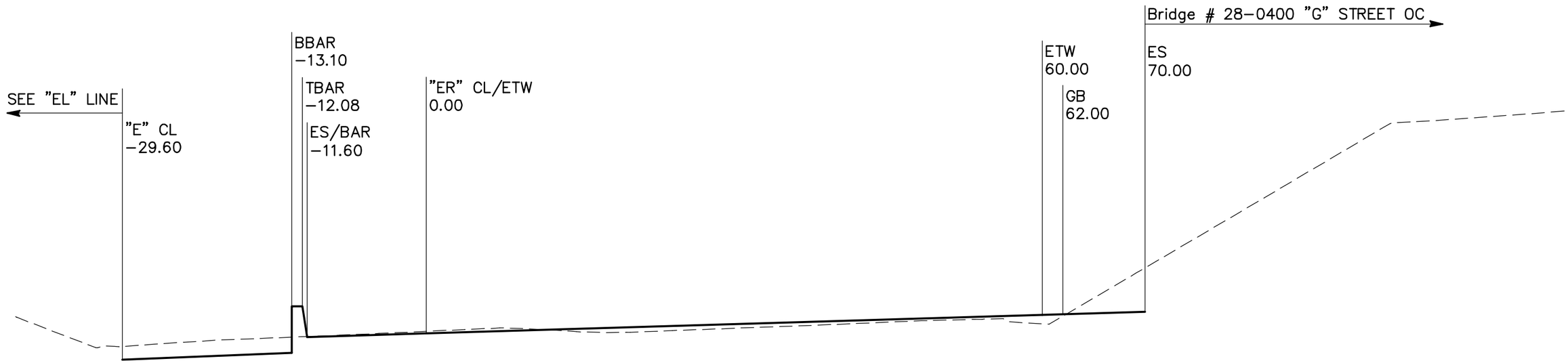
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"ER" LINE
STATION 169+50.00

SEE "EL" LINE	"E" CL	BBAR	TBAR	ES/BAR	"ER" CL/ETW	ETW	GB	ES	FL	TOD	HP	HP	TE	SEE "G" LINE
Elev	47.77	48.46	53.03	50.03	50.39	52.19	52.25	52.55	52.05	52.37	52.35	59.90	76.00	
Dist	29.96	13.46	12.44	11.96	0.00	60.00	62.00	72.00	75.00	76.00	76.03	91.14	116.46	
X−Slope	−4.18%			−3.01%		3.00%	3.00%	3.00%	−16.67%			49.97%	63.59%	

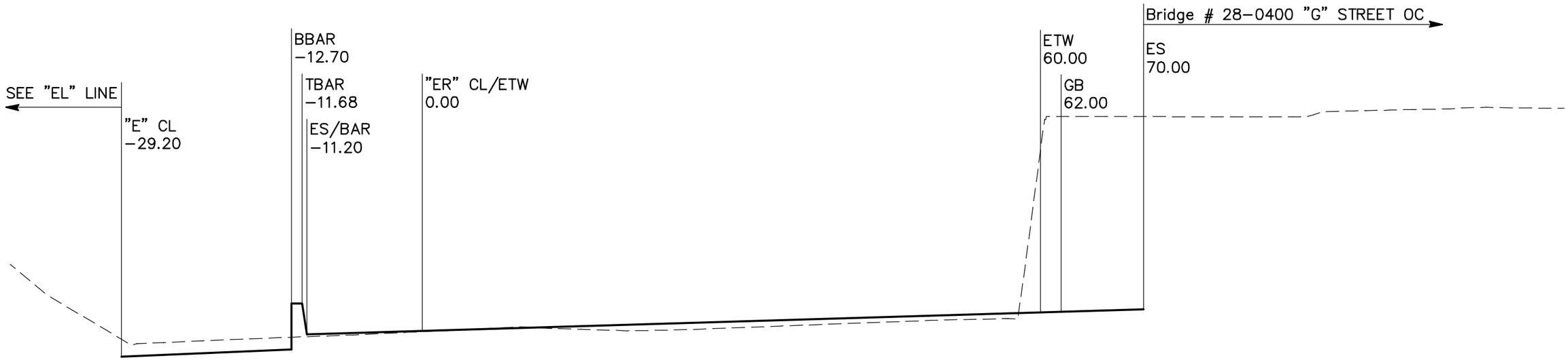
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"ER" LINE
STATION 170+00.00

SEE "EL" LINE	"E" CL	BBAR	TBAR	ES/BAR	"ER" CL/ETW	ETW	GB	ES	Bridge # 28-0400 "G" STREET OC
Elev	48.13	48.82	53.35	50.35	50.70	52.50	52.56	52.80	
Dist	29.60	13.10	12.08	11.60	0.00	60.00	62.00	70.00	
X-Slope	-4.18%			-3.02%		3.00%	3.00%	3.00%	

FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"ER" LINE
STATION 170+50.00

SEE "EL" LINE	"E" CL	BBAR	TBAR	ES/BAR	"ER" CL/ETW	ETW	GB	ES	Bridge # 28-0400 "G" STREET OC
Elev	48.53	49.22	53.68	50.68	51.02	52.82	52.88	53.12	
Dist	29.20	12.70	11.68	11.20	0.00	60.00	62.00	70.00	
X-Slope	-4.18%			-3.04%		3.00%	3.00%	3.00%	

FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1

"ER" LINE
STATION 170+72.29

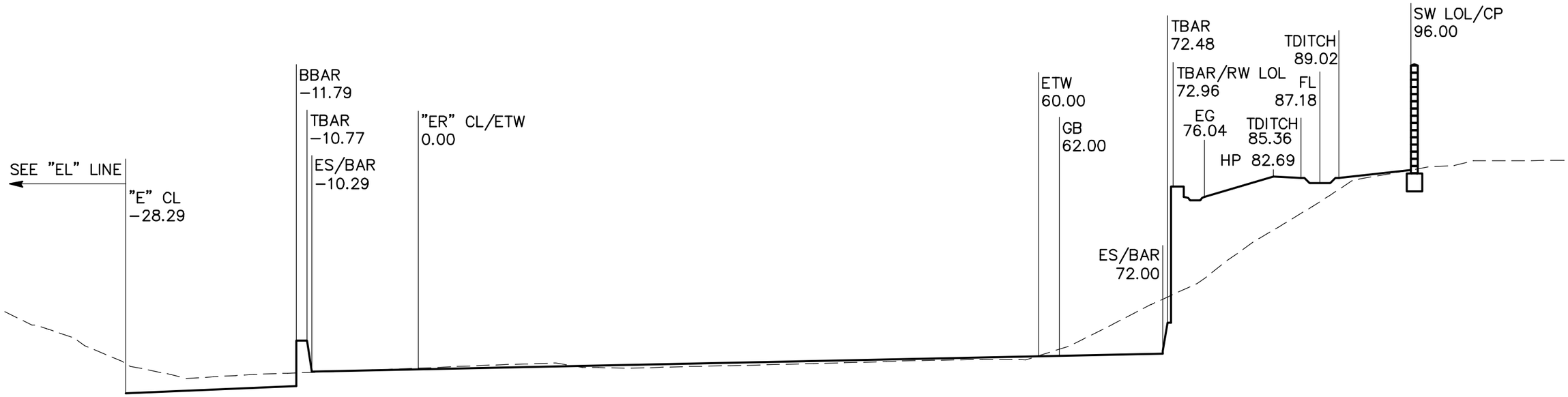
SEE "EL" LINE	"E" CL	BBAR	TBAR	ES/BAR	"ER" CL/ETW	ETW	GB	ES/BAR	TBAR	TBAR/RW LOL	EG	HP	TDITCH	FL	TDITCH	SW LOL/CP
Elev	48.80	49.41	53.84	50.84	51.17	52.95	53.01	53.30	56.30	56.30	68.59	71.80	71.67	71.17	71.67	72.25
Dist	29.01	12.51	11.49	11.01	0.00	60.00	62.00	72.00	72.48	72.96	76.04	86.49	89.16	91.00	92.85	98.62
X−Slope	−3.70%			−3.00%		2.96%	2.96%	2.96%				30.76%	−5.00%			10.05%

FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1

"ER" LINE
STATION 171+00.00

SEE "EL" LINE	"E" CL	BBAR	TBAR	ES/BAR	"ER" CL/ETW	ETW	GB	ES/BAR	TBAR	TBAR/RW LOL	EG	HP	TDITCH	FL	TDITCH	SW LOL/CP
Elev	48.96	49.65	54.07	51.07	51.36	52.98	53.03	53.30	56.30	56.30	68.85	70.91	70.78	70.28	70.78	71.25
Dist	28.76	12.26	11.24	10.76	0.00	60.00	62.00	72.00	72.48	72.96	76.04	82.91	85.58	87.41	89.24	98.41
X-Slope	-4.18%			-2.70%		2.70%	2.50%	2.70%				30.05%	-5.00%			8.82%

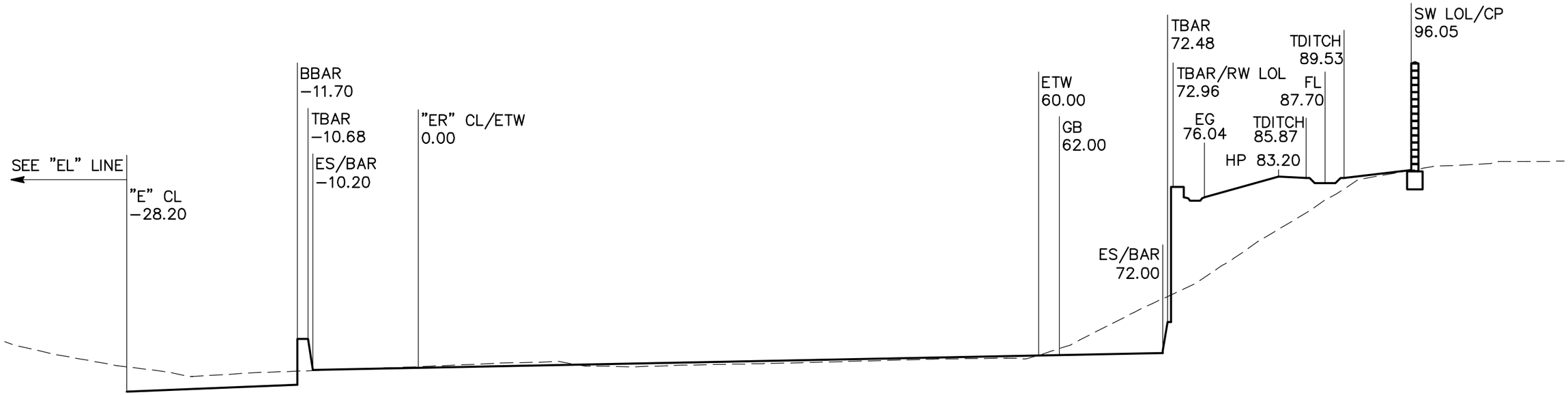
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"ER" LINE
STATION 171+50.00

SEE "EL" LINE	"E" CL	BBAR	TBAR	ES/BAR	"ER" CL/ETW	ETW	GB	ES/BAR	TBAR	TBAR/RW LOL	EG	HP	TDITCH	FL	TDITCH	SW LOL/CP
Elev	49.40	50.09	54.49	51.49	51.71	52.97	53.01	53.22	56.22	56.22	68.38	70.35	70.22	69.72	70.22	70.99
Dist	28.29	11.79	10.77	10.29	0.00	60.00	62.00	72.00	72.48	72.96	76.04	82.69	85.36	87.18	89.02	96.00
X-Slope				-2.14%		2.10%	2.00%	2.10%				29.71%	-5.00%			11.03%

FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"ER" LINE
STATION 171+58.79

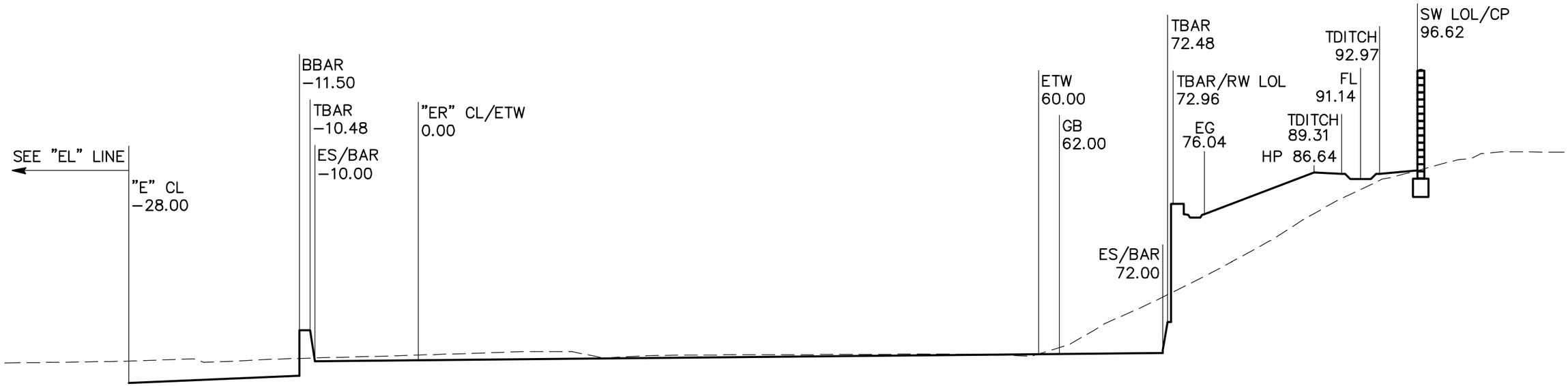
SEE "EL" LINE	"E" CL	BBAR	TBAR	ES/BAR	"ER" CL/ETW	ETW	GB	ES/BAR	TBAR	TBAR/RW LOL	EG	HP	TDITCH	FL	TDITCH	SW LOL/CP
Elev	49.48	50.17	54.58	51.58	51.78	52.98	53.02	53.22	56.22	56.22	68.15	70.30	70.17	69.67	70.17	70.91
Dist	28.20	11.70	10.68	10.20	0.00	60.00	62.00	72.00	72.48	72.96	76.04	83.20	85.87	87.70	89.53	96.05
X-Slope	-4.18%			-1.96%		2.00%	2.00%	2.00%				30.09%	-5.00%			11.35%

FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1

"ER" LINE
STATION 172+00.00

SEE "EL" LINE	"E" CL	BBAR	TBAR	ES/BAR	"ER" CL/ETW	ETW	GB	ES/BAR	TBAR	TBAR/RW LOL	EG	HP	TDITCH	FL	TDITCH	SW LOL/CP
Elev	49.85	50.54	54.93	51.93	52.08	52.98	53.01	53.16	56.16	56.16	66.35	70.05	69.92	69.42	69.92	70.29
Dist	28.00	11.50	10.48	10.00	0.00	60.00	62.00	72.00	72.48	72.96	76.04	86.32	88.99	90.82	92.65	96.31
X−Slope	−4.18%			−1.50%		1.50%	1.50%	1.50%				30.05%	−5.00%			10.11%

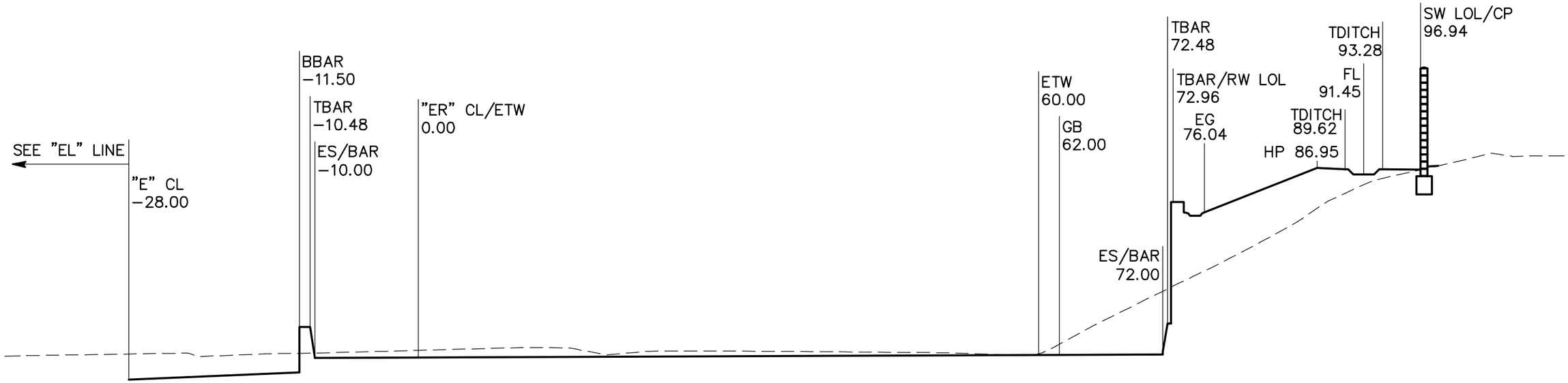
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"ER" LINE
STATION 172+50.00

SEE "EL" LINE	"E" CL	BBAR	TBAR	ES/BAR	"ER" CL/ETW	ETW	GB	ES/BAR	TBAR	TBAR/RW LOL	EG	HP	TDITCH	FL	TDITCH	SW LOL/CP
Elev	50.29	50.98	55.37	52.37	52.47	53.07	53.09	53.19	56.19	56.19	66.63	70.63	70.50	70.00	70.50	70.83
Dist	28.00	11.50	10.48	10.00	0.00	60.00	62.00	72.00	72.48	72.96	76.04	86.64	89.31	91.14	92.97	96.62
X-Slope	-4.18%			-1.00%		1.00%	1.00%	1.00%				37.79%	-5.00%			9.04%

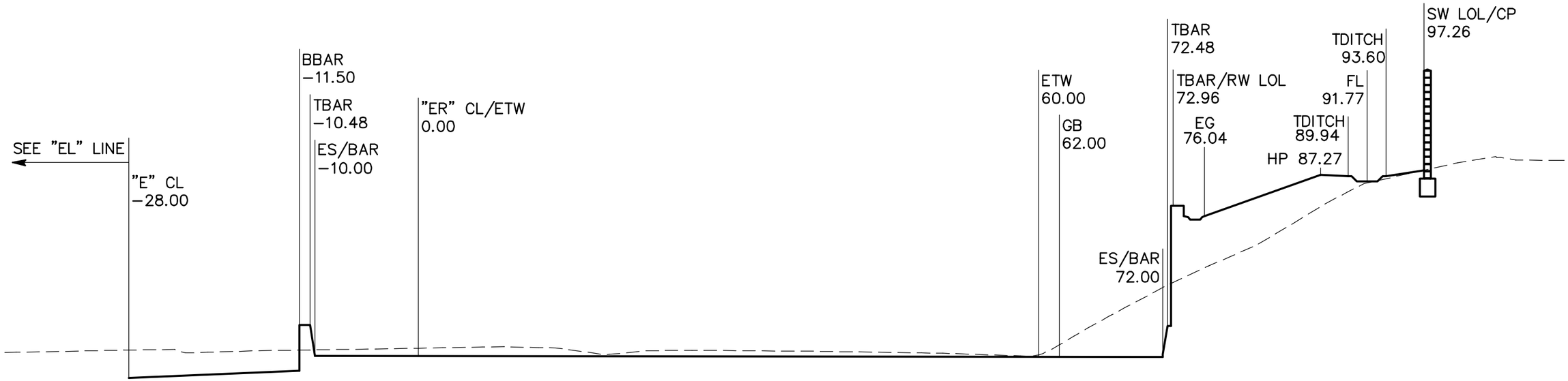
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"ER" LINE
STATION 173+00.00

SEE "EL" LINE	"E" CL	BBAR	TBAR	ES/BAR	"ER" CL/ETW	ETW	GB	ES/BAR	TBAR	TBAR/RW LOL	EG	HP	TDITCH	FL	TDITCH	SW LOL/CP
Elev	50.73	51.42	55.83	52.83	52.87	53.11	53.12	53.16	56.16	56.16	66.90	71.20	71.07	70.57	71.07	71.34
Dist	28.00	11.50	10.48	10.00	0.00	60.00	62.00	72.00	72.48	72.96	76.04	86.95	89.62	91.45	93.28	96.94
X-Slope	-4.18%			-0.40%		0.40%	0.40%	0.40%				39.47%	-5.00%			7.38%

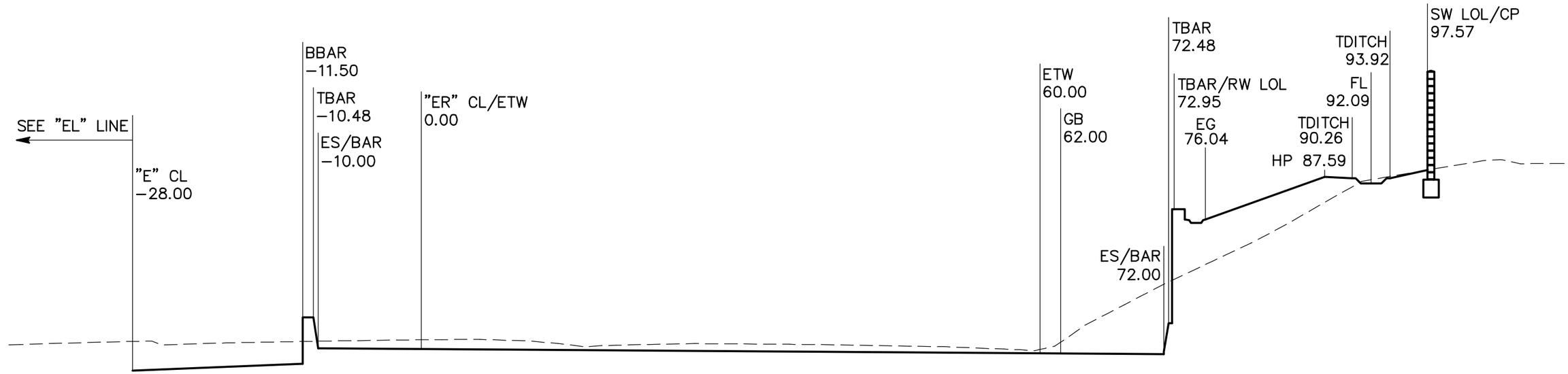
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"ER" LINE
STATION 173+50.00

SEE "EL" LINE	"E" CL	BBAR	TBAR	ES/BAR	"ER" CL/ETW	ETW	GB	ES/BAR	TBAR	TBAR/RW LOL	EG	HP	TDITCH	FL	TDITCH	SW LOL/CP
Elev	51.18	51.87	56.30	53.30	53.29	53.22	53.22	53.20	56.20	56.20	66.83	70.82	70.69	70.19	70.69	71.06
Dist	28.00	11.50	10.48	10.00	0.00	60.00	62.00	72.00	72.48	72.96	76.04	87.27	89.94	91.77	93.60	97.26
X−Slope	−4.18%			0.10%		−0.12%	−0.12%	−0.12%				35.58%	−5.00%			10.11%

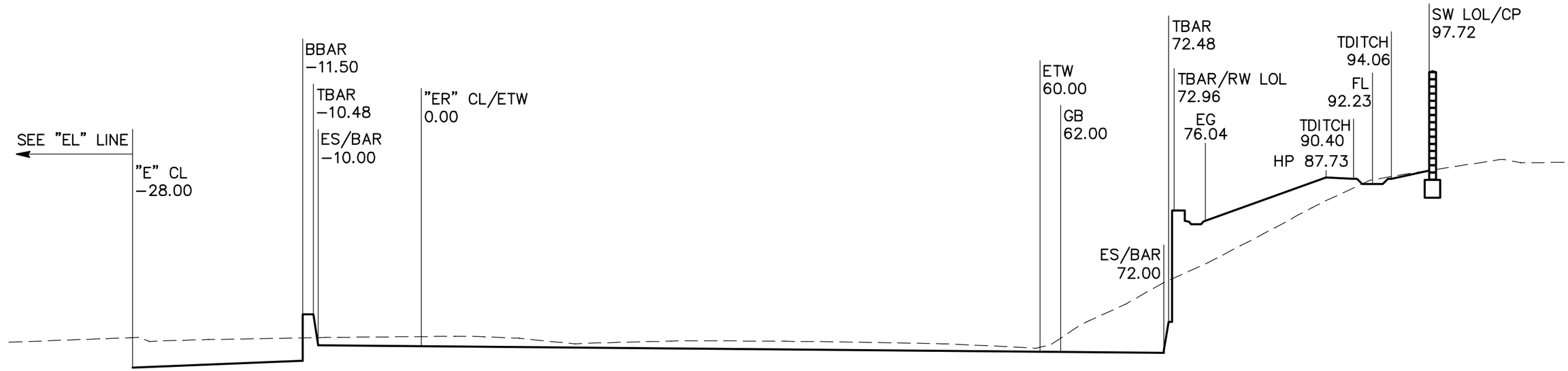
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"ER" LINE
STATION 174+00.00

SEE "EL" LINE	"E" CL	BBAR	TBAR	ES/BAR	"ER" CL/ETW	ETW	GB	ES/BAR	TBAR	TBAR/RW LOL	EG	HP	TDITCH	FL	TDITCH	SW LOL/CP
Elev	51.62	52.31	56.79	53.79	53.72	53.30	53.29	53.22	56.22	56.22	66.30	70.44	70.31	69.81	70.31	70.68
Dist	28.00	11.50	10.48	10.00	0.00	60.00	62.00	72.00	72.48	72.95	76.04	87.59	90.26	92.09	93.92	97.57
X-Slope	-4.18%			0.70%		-0.70%	-0.70%	-0.70%				35.89%	-5.00%			10.14%

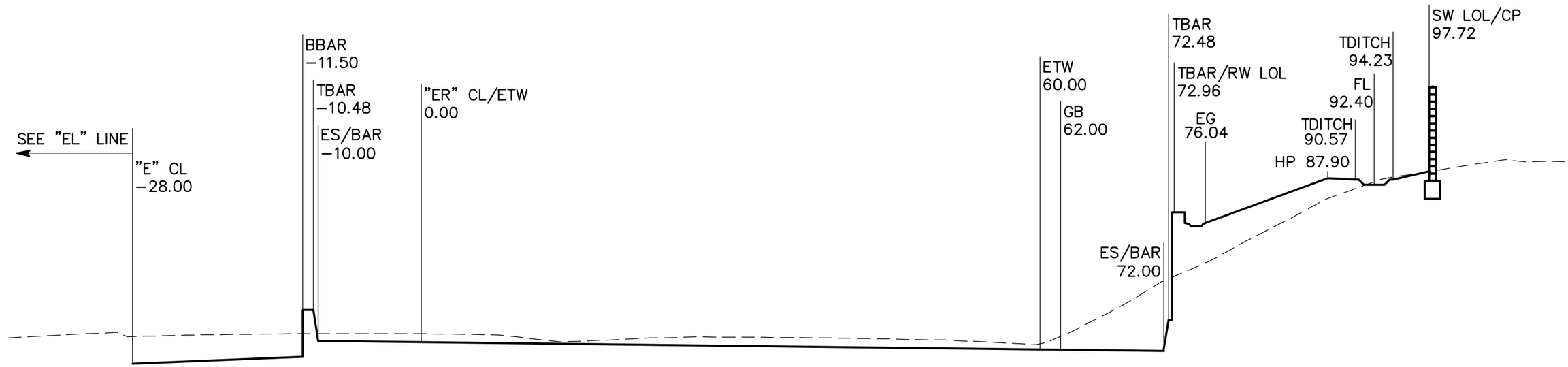
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"ER" LINE
STATION 174+22.29

SEE "EL" LINE	"E" CL	BBAR	TBAR	ES/BAR	"ER" CL/ETW	ETW	GB	ES/BAR	TBAR	TBAR/RW LOL	EG	HP	TDITCH	FL	TDITCH	SW LOL/CP
Elev	51.82	52.51	57.01	54.01	53.92	53.36	53.34	53.25	56.25	56.25	76.06	70.27	70.14	69.64	70.14	70.51
Dist	28.00	11.50	10.48	10.00	0.00	60.00	62.00	72.00	72.48	72.96	76.04	87.73	90.40	92.23	94.06	97.72
X-Slope	-4.18%			0.90%		-0.93%	-0.93%	-0.93%				49.50%	-5.00%			10.11%

FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"ER" LINE
STATION 174+50.00

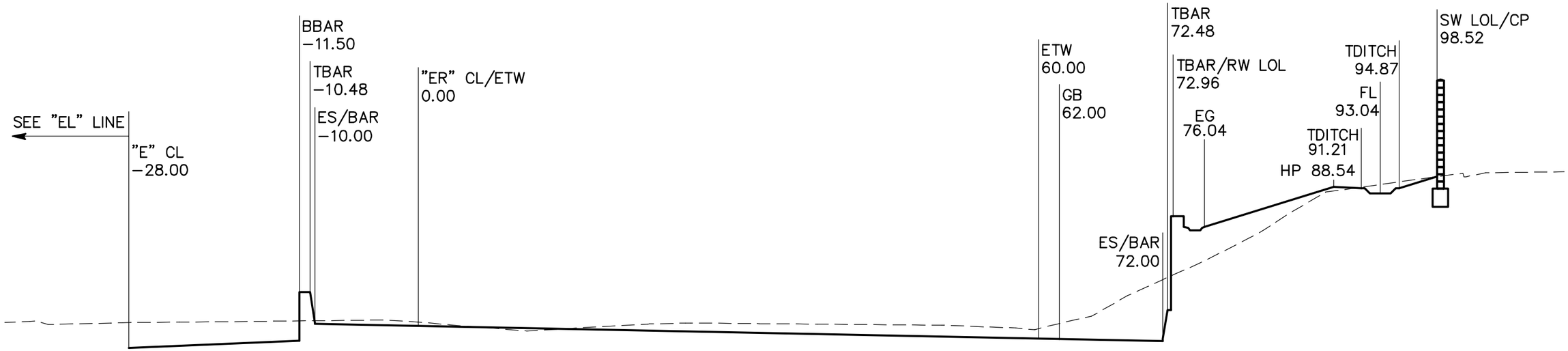
SEE "EL" LINE	"E" CL	BBAR	TBAR	ES/BAR	"ER" CL/ETW	ETW	GB	ES/BAR	TBAR	TBAR/RW LOL	EG	HP	TDITCH	FL	TDITCH	SW LOL/CP
Elev	52.07	52.76	57.29	54.29	54.17	53.45	53.43	53.31	56.31	56.31	65.76	70.06	69.93	69.43	69.93	70.28
Dist	28.00	11.50	10.48	10.00	0.00	60.00	62.00	72.00	72.48	72.96	76.04	87.90	90.57	92.40	94.23	97.72
X-Slope	-4.18%			1.20%		-1.20%	-1.20%	-1.20%				36.29%	-5.00%			10.03%

FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1

"ER" LINE
STATION 175+00.00

SEE "EL" LINE	"E" CL	BBAR	TBAR	ES/BAR	"ER" CL/ETW	ETW	GB	ES/BAR	TBAR	TBAR/RW LOL	EG	HP	TDITCH	FL	TDITCH	SW LOL/CP
Elev	52.51	53.20	57.80	54.80	54.62	53.54	53.51	53.33	56.32	56.32	65.23	68.66	68.53	68.03	68.53	68.90
Dist	28.00	11.50	10.48	10.00	0.00	60.00	62.00	72.00	72.48	72.96	76.05	88.22	90.89	92.72	94.55	98.21
X-Slope	-4.18%			1.80%		-1.80%	-1.80%	-1.80%				28.22%	-5.00%			10.11%

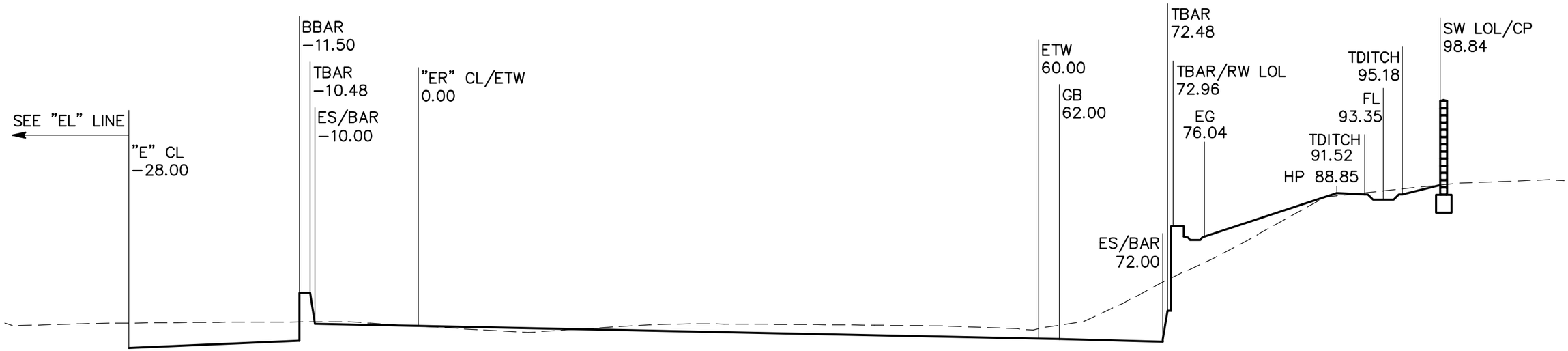
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"ER" LINE
STATION 175+50.00

SEE "EL" LINE	"E" CL	BBAR	TBAR	ES/BAR	"ER" CL/ETW	ETW	GB	ES/BAR	TBAR	TBAR/RW LOL	EG	HP	TDITCH	FL	TDITCH	SW LOL/CP
Elev	52.96	53.65	58.36	55.27	55.07	53.87	53.83	53.60	56.60	56.60	64.69	68.51	68.38	67.88	68.38	68.75
Dist	28.00	11.50	10.48	10.00	0.00	60.00	62.00	72.00	72.48	72.96	76.04	88.54	91.21	93.04	94.87	98.52
X-Slope	-4.18%			2.00%		-2.00%	-2.00%	-2.30%				30.59%	-5.00%			10.14%

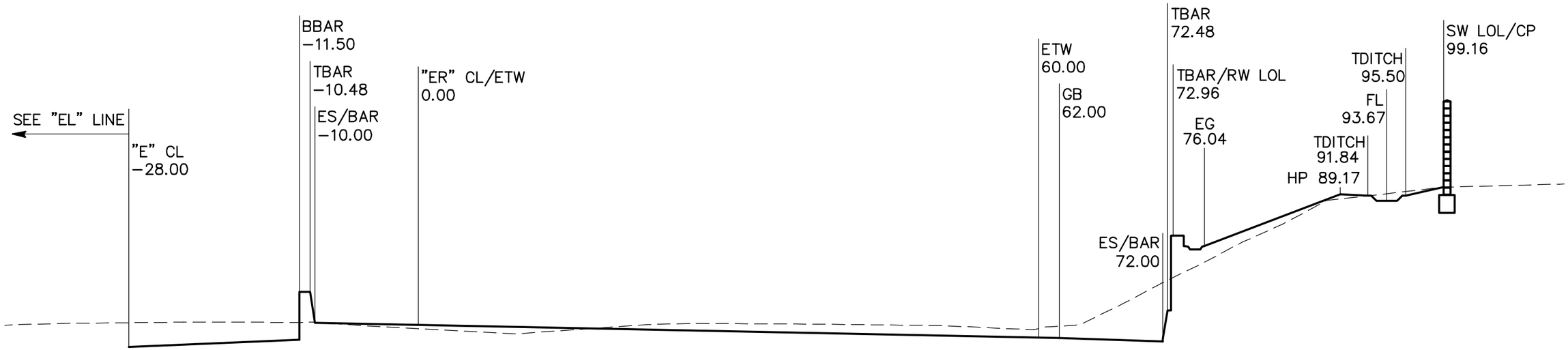
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"ER" LINE
STATION 176+00.00

SEE "EL" LINE	"E" CL	BBAR	TBAR	ES/BAR	"ER" CL/ETW	ETW	GB	ES/BAR	TBAR	TBAR/RW LOL	EG	HP	TDITCH	FL	TDITCH	SW LOL/CP
Elev	53.40	54.09	58.72	55.72	55.52	54.32	54.28	53.99	56.99	56.99	64.16	68.37	68.24	67.74	68.24	68.61
Dist	28.00	11.50	10.48	10.00	0.00	60.00	62.00	72.00	72.48	72.96	76.04	88.85	91.52	93.35	95.18	98.84
X-Slope	-4.18%			2.00%		-2.00%	-2.00%	-2.90%				32.91%	-5.00%			10.00%

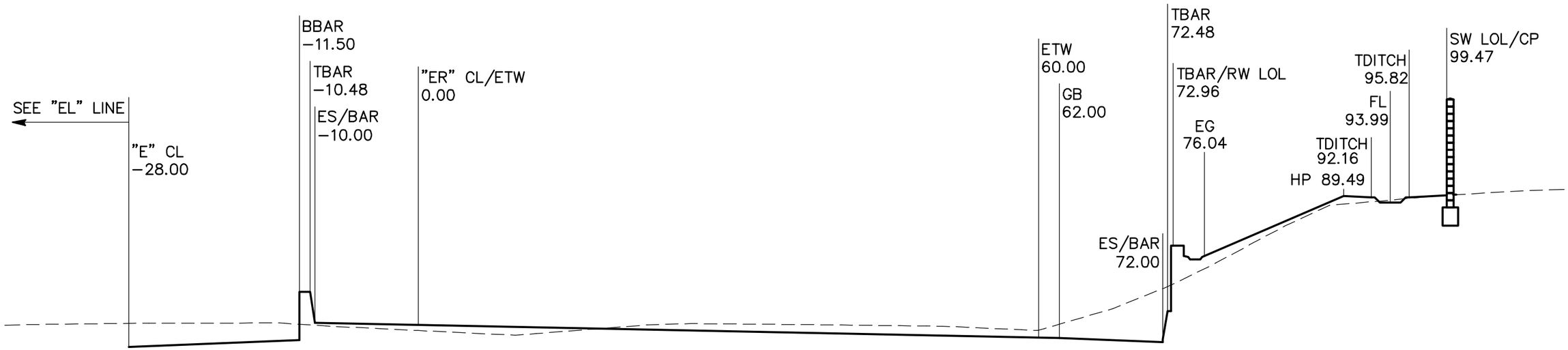
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"ER" LINE
STATION 176+50.00

SEE "EL" LINE	"E" CL	BBAR	TBAR	ES/BAR	"ER" CL/ETW	ETW	GB	ES/BAR	TBAR	TBAR/RW LOL	EG	HP	TDITCH	FL	TDITCH	SW LOL/CP
Elev	53.85	54.54	59.17	56.17	55.97	54.77	54.73	54.38	57.38	57.38	63.62	68.62	68.49	67.99	68.49	68.86
Dist	28.00	11.50	10.48	10.00	0.00	60.00	62.00	72.00	72.48	72.96	76.04	89.17	91.84	93.67	95.50	99.16
X−Slope	−4.18%			2.00%		−2.00%	−2.00%	−3.50%				38.12%	−5.00%			10.00%

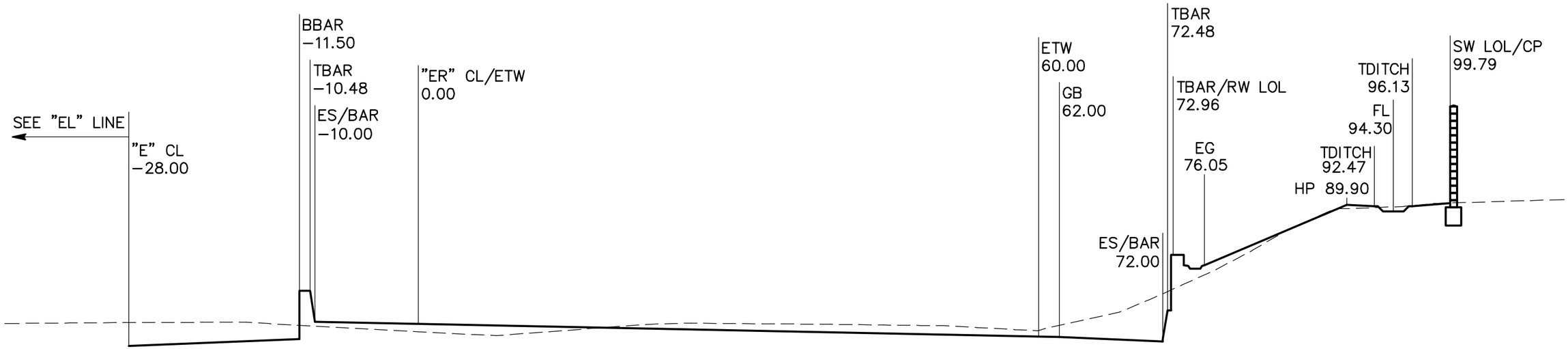
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"ER" LINE
STATION 177+00.00

SEE "EL" LINE	"E" CL	BBAR	TBAR	ES/BAR	"ER" CL/ETW	ETW	GB	ES/BAR	TBAR	TBAR/RW LOL	EG	HP	TDITCH	FL	TDITCH	SW LOL/CP
Elev	54.29	54.98	59.62	56.62	56.42	55.22	55.18	54.78	57.78	57.78	63.09	68.90	68.77	68.27	68.77	69.14
Dist	28.00	11.50	10.48	10.00	0.00	60.00	62.00	72.00	72.48	72.96	76.04	89.49	92.16	93.99	95.82	99.47
X-Slope	-4.18%			2.00%		-2.00%	-2.00%	-4.00%				43.24%	-5.00%			10.00%

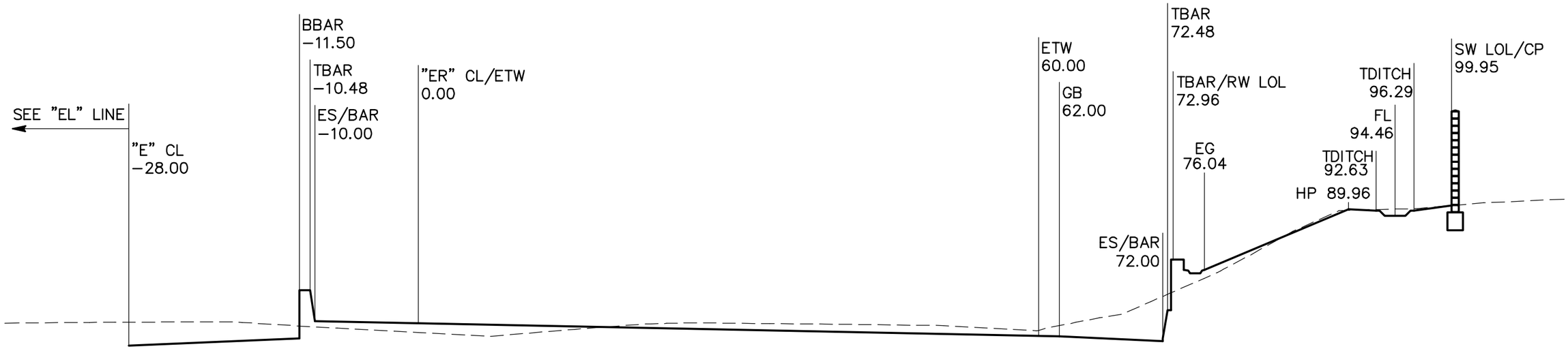
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"ER" LINE
STATION 177+50.00

SEE "EL" LINE	"E" CL	BBAR	TBAR	ES/BAR	"ER" CL/ETW	ETW	GB	ES/BAR	TBAR	TBAR/RW LOL	EG	HP	TDITCH	FL	TDITCH	SW LOL/CP
Elev	54.74	55.43	60.07	57.07	56.87	55.67	55.63	55.17	58.17	58.17	64.55	68.38	68.25	67.75	68.25	68.62
Dist	28.00	11.50	10.48	10.00	0.00	60.00	62.00	72.00	72.48	72.96	76.05	89.80	92.47	94.30	96.13	99.79
X-Slope	-4.18%			2.00%		-2.00%	-2.00%	-4.60%				27.88%	-5.00%			10.00%

FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"ER" LINE
STATION 177+74.79

SEE "EL" LINE	"E" CL	BBAR	TBAR	ES/BAR	"ER" CL/ETW	ETW	GB	ES/BAR	TBAR	TBAR/RW LOL	EG	HP	TDITCH	FL	TDITCH	SW LOL/CP
Elev	54.96	55.65	60.30	57.30	57.10	55.90	55.86	55.38	58.38	58.38	62.29	68.13	68.00	67.50	68.00	68.37
Dist	28.00	11.50	10.48	10.00	0.00	60.00	62.00	72.00	72.48	72.96	76.04	89.96	92.63	94.46	96.29	99.95
X−Slope	−4.18%			2.00%		−2.00%	−2.00%	−4.80%				42.00%	−5.00%			10.00%

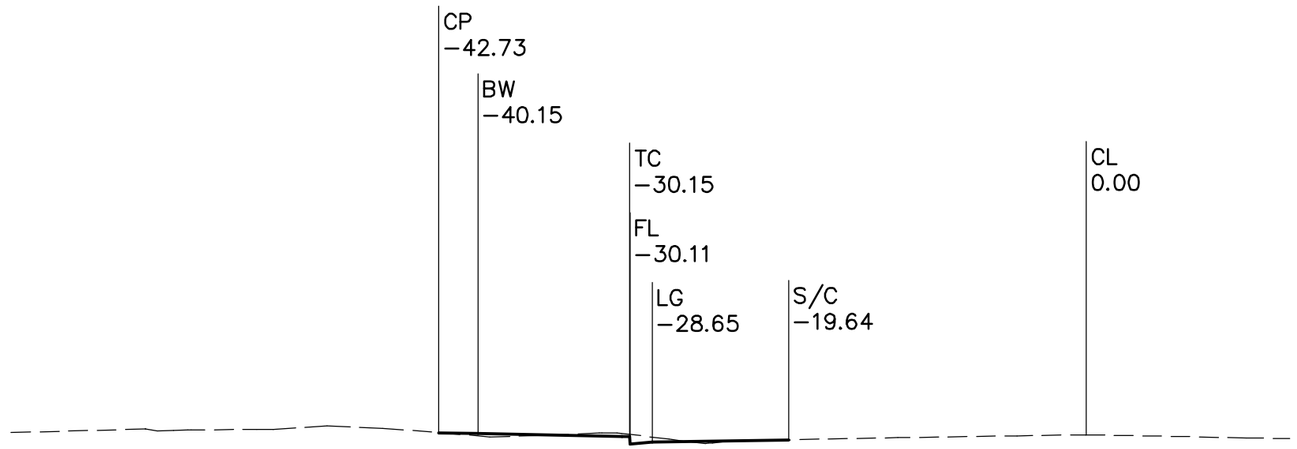
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1

CROSS SECTIONS

ROUTE 4 (EAST) WIDENING

SECTION VII

"FT" LINE - (SHEET 1-52)



"FT" LINE
STATION 89+15.33

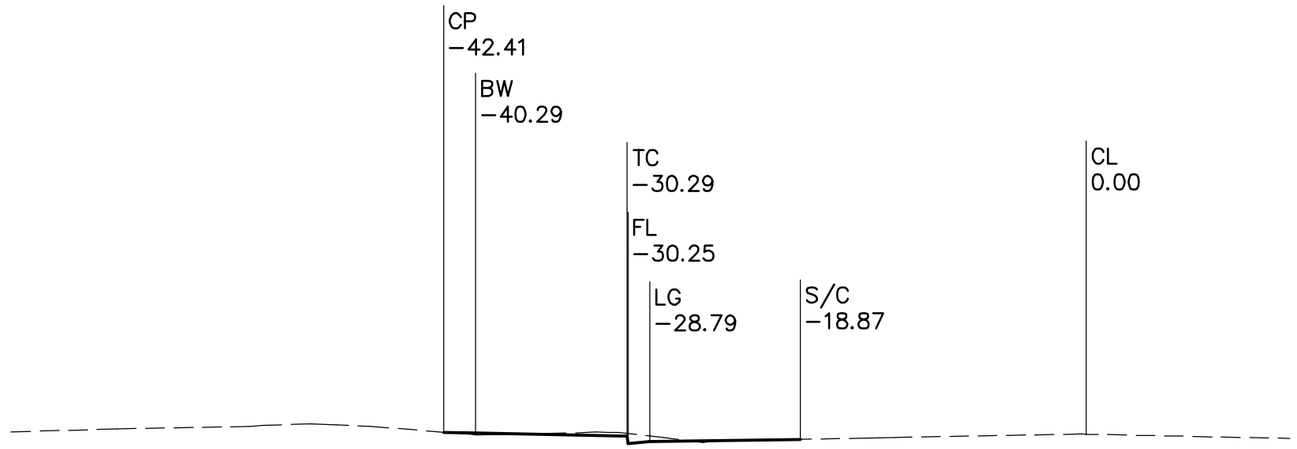
	CP	BW	TC	FL	LG	S/C
Elev	33.60	33.55	33.36	32.86	32.99	33.13
Dist	−42.73	−40.15	−30.15	−30.11	−28.65	−19.64
X−Slope	1.94%	2.00%			−1.55%	

LEGEND:

(XX.XX) EXISTING GROUND ELEVATION

ABBREVIATIONS:

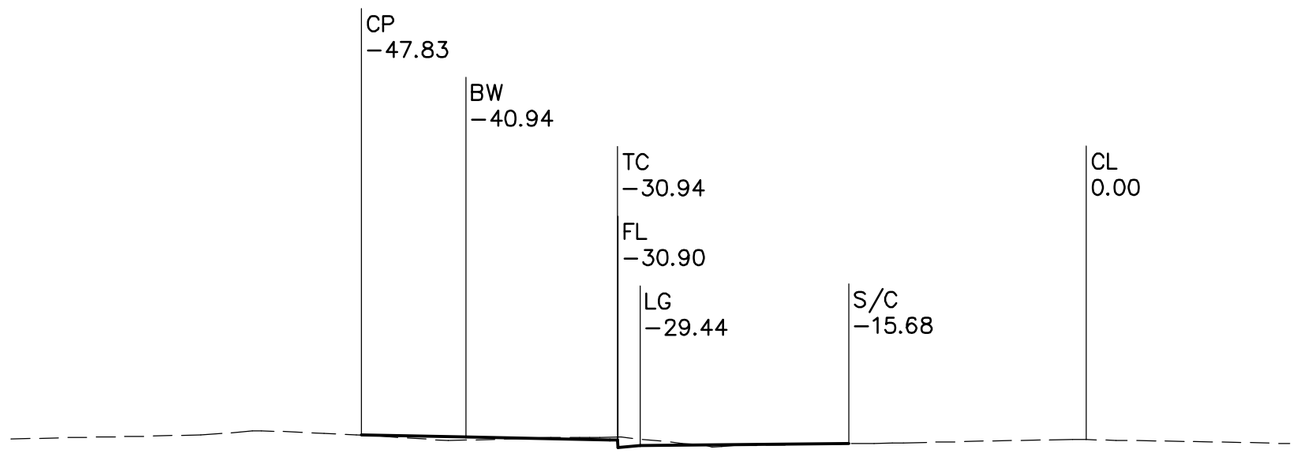
BAR − Barrier Face
BBAR − Back of Barrier
BSW − Back of Sidewalk
BWALL − Back of Wall
CL − Centerline
CP − Catch Point
EC − Edge of Concrete
EG − Edge of Gutter
EP − Edge of Pavement
ES − Edge of Shoulder
ETW − Edge of Traveled Way
FL − Paved or unpaved Flow Line
FLC − Flow Line Curb
FWALL − Face of Wall
GB − Grade Break
HP − Hinge Point
ML − Match Line
LG − Lip of Gutter
P − Pavement
PG − Profile Grade
R/W − Right of Way
RW LOL − Retaining Wall Layout Line
S/C − Saw Cut Line
SW LOL − Sound Wall Layout Line
TBAR − Top of Barrier
TC − Top of Curb
TDITCH − Top of Ditch
TE − Top of Embankment
TGT − Top of Gutter
TOD − Top of Dike
TSW − Top of Swale



"FT" LINE
STATION 89+25.00

	CP	BW	TC	FL	LG	S/C
Elev	33.63	33.59	33.40	32.90	33.03	33.17
Dist	−42.41	−40.29	−30.29	−30.25	−28.79	−18.87
X−Slope	1.89%	2.00%			−1.41%	

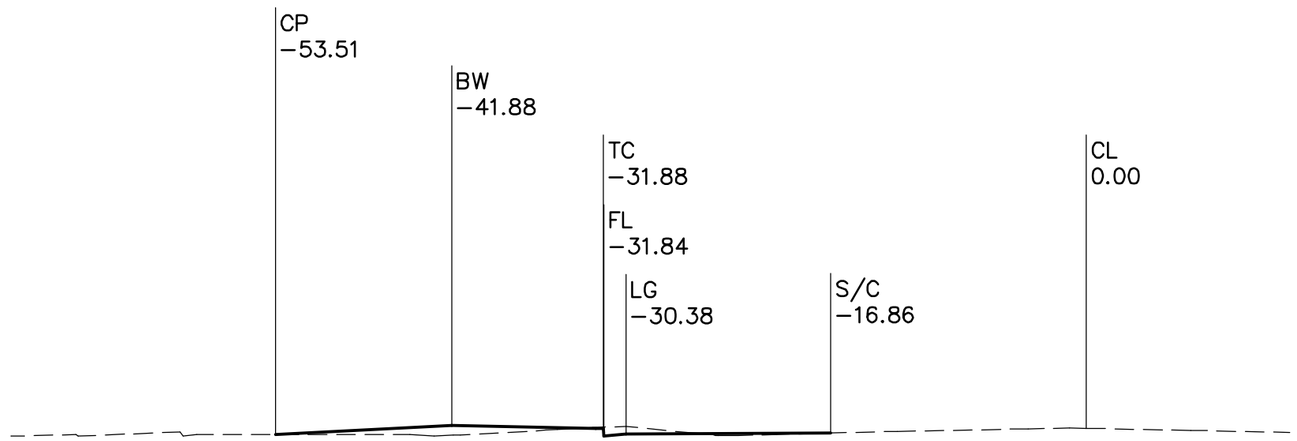
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"FT" LINE
STATION 89+50.00

	CP	BW	TC	FL	LG	S/C
Elev	33.85	33.71	33.52	33.02	33.15	33.27
Dist	−47.83	−40.94	−30.94	−30.90	−29.44	−15.68
X−Slope	2.03%	2.00%			−0.87%	

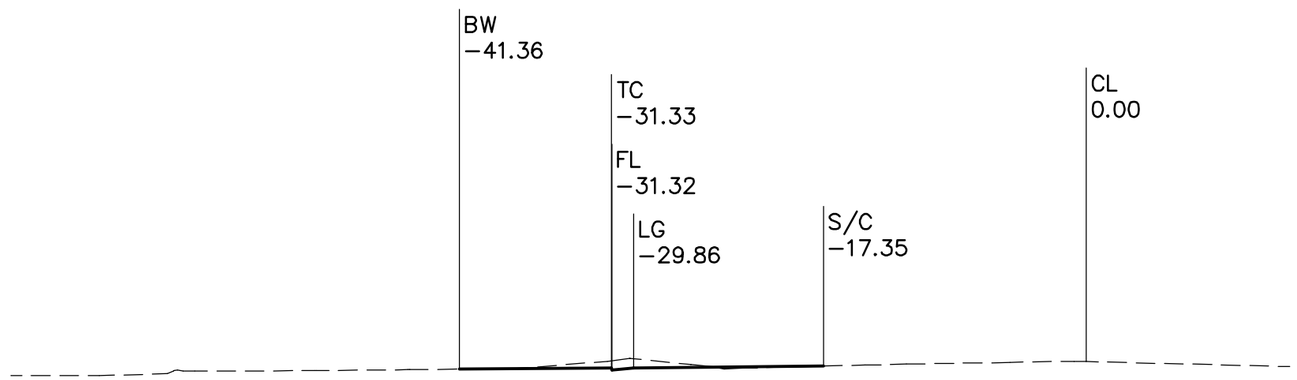
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"FT" LINE
STATION 89+72.42

Elev	CP	BW	TC	FL	LG	S/C
Dist	33.23	33.81	33.62	33.12	33.25	33.31
X−Slope	−53.51	−41.88	−31.88	−31.84	−30.38	−16.86
	−4.99%	2.00%			−0.44%	

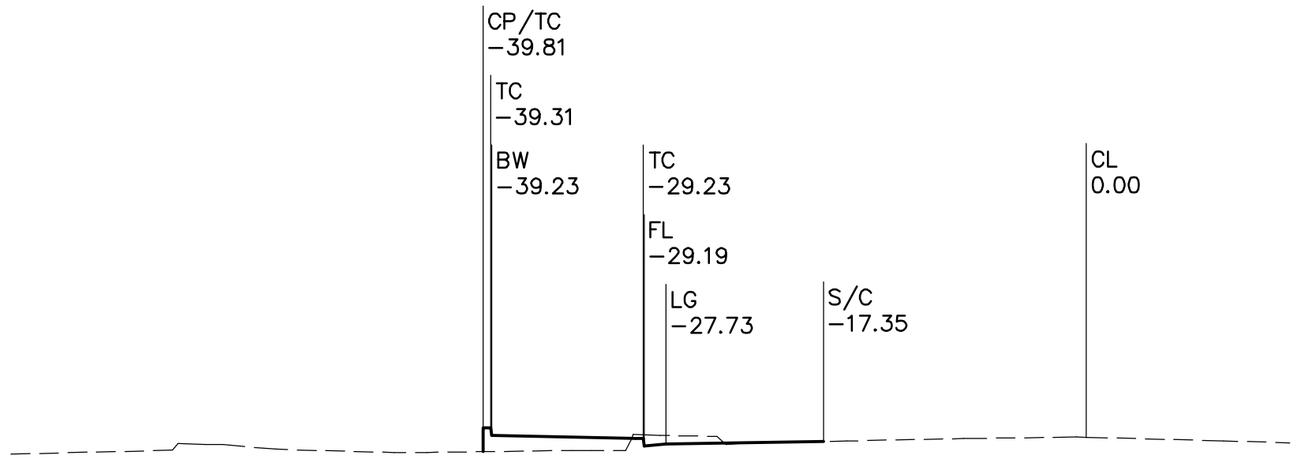
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"FT" LINE
STATION 89+91.29

	BW	TC	FL	LG	Left S/C
Elev	33.25	33.32	33.20	33.33	33.44
Dist	−41.36	−31.33	−31.32	−29.86	−17.35
X−Slope	−0.70%			−0.88%	

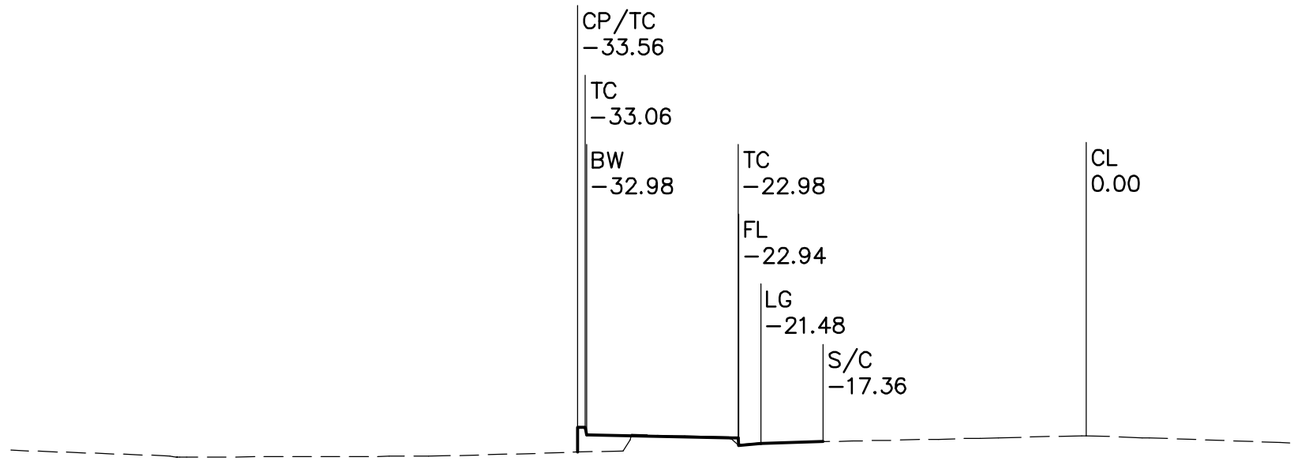
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"FT" LINE
STATION 90+04.14

	CP	TC	TC	BW	TC	FL	LG	S/C
Elev	32.88	34.46	34.46	33.96	33.77	33.27	33.40	33.55
Dist	−39.81	−39.81	−39.31	−39.23	−29.23	−29.19	−27.73	−17.35
X−Slope		Vert		2.00%			−1.45%	

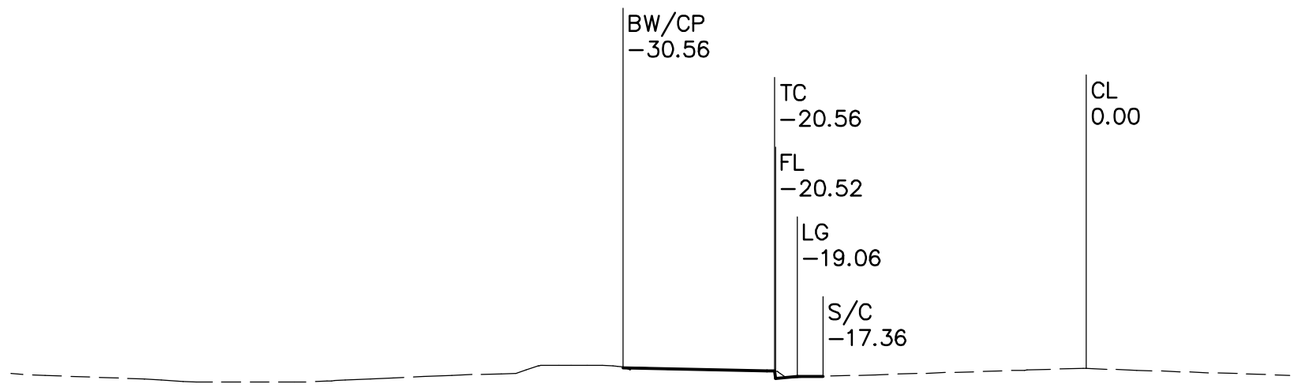
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"FT" LINE
STATION 90+34.15

	CP	TC	TC	BW	TC	FL	LG	S/C
Elev	32.98	34.61	34.61	34.11	33.92	33.42	33.55	33.67
Dist	−33.56	−33.56	−33.06	−32.98	−22.98	−22.94	−21.48	−17.36
X−Slope		Vert		2.00%			−2.91%	

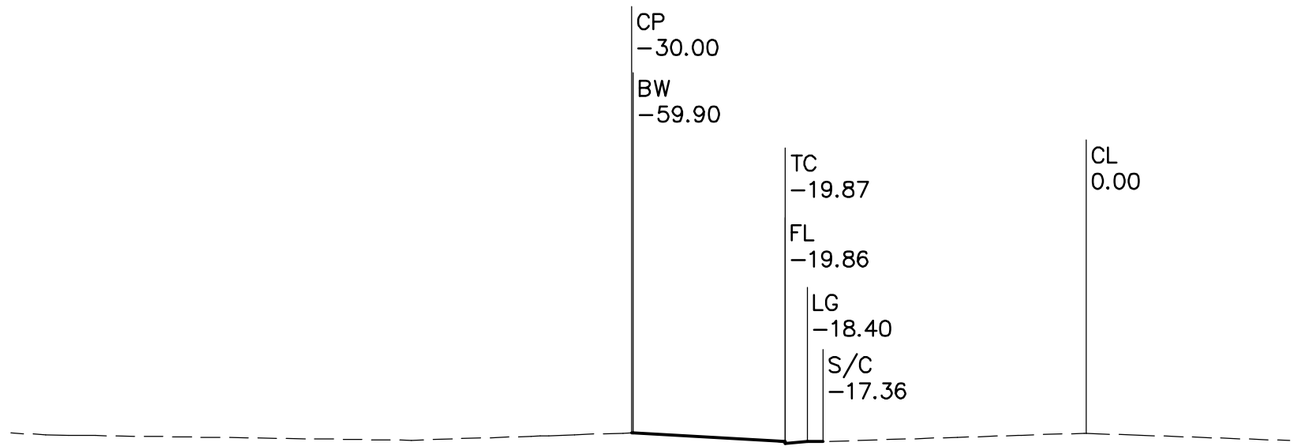
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"FT" LINE
STATION 90+50.00

	BW/CP	TC	FL	LG	S/C
Elev	34.19	34.00	33.50	33.63	33.63
Dist	−30.56	−20.56	−20.52	−19.06	−17.36
X−Slope	2.00%				

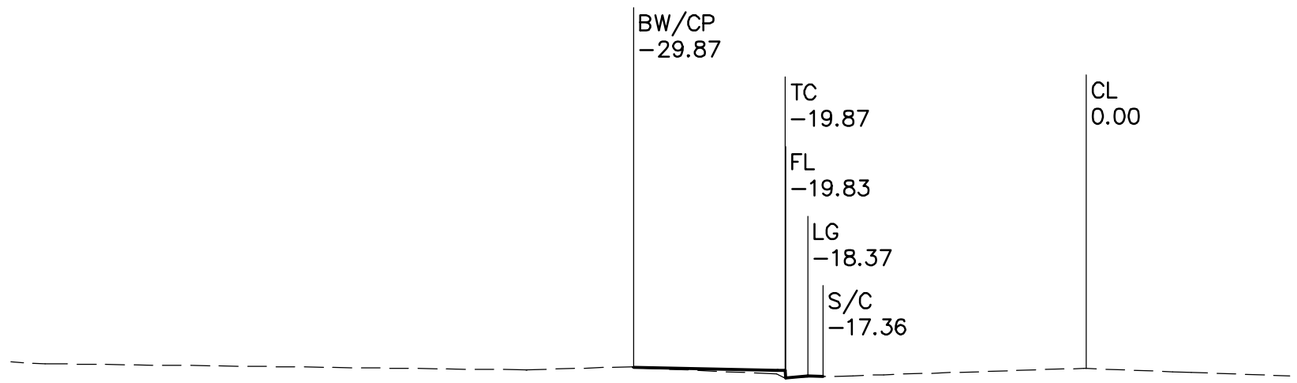
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"FT" LINE
STATION 90+64.15

	BW	TC	FL	LG	S/C
Elev	34.26	33.70	33.57	33.70	33.68
Dist	−29.90	−19.87	−19.86	−18.40	−17.36
X−Slope	5.58%			1.92%	

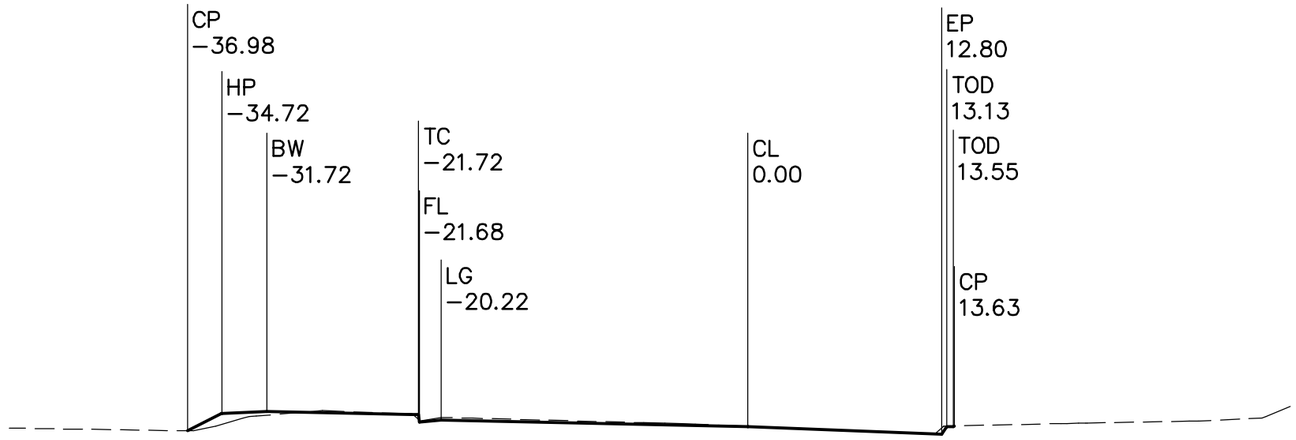
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"FT" LINE
STATION 90+78.89

	BW/CP	TC	FL	LG	S/C
Elev	34.34	34.15	33.65	33.78	33.74
Dist	-29.87	-19.87	-19.83	-18.37	-17.36
X-Slope	2.00%			3.96%	

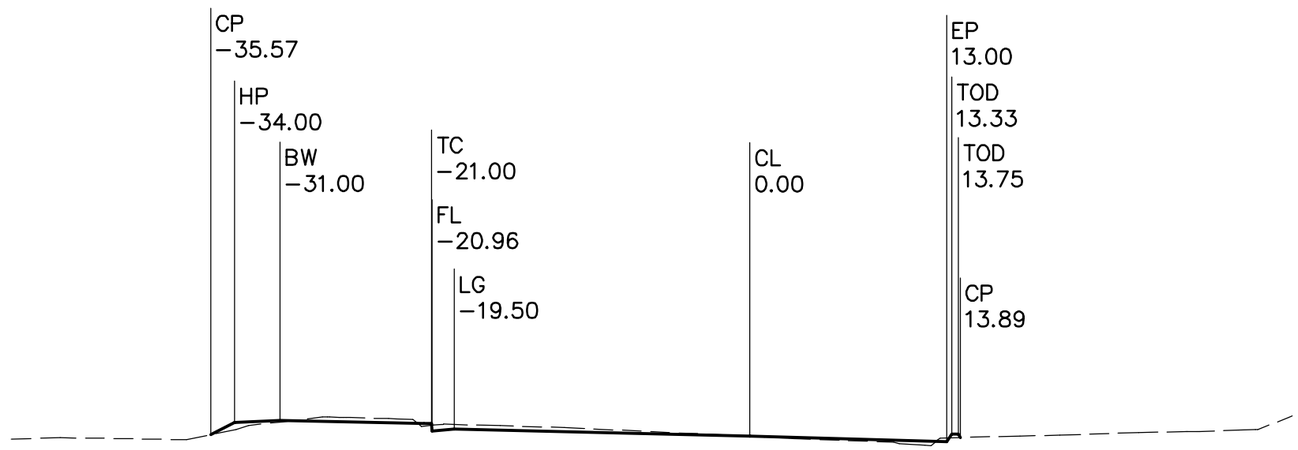
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"FT" LINE
STATION 99+90.00

	CP	HP	BW	TC	FL	LG	CL	EP	TOD	TOD	CP
Elev	37.61	38.74	38.89	38.70	38.20	38.33	37.89	37.39	37.89	37.89	37.93
Dist	−36.98	−34.72	−31.72	−21.72	−21.68	−20.22	0.00	12.80	13.13	13.55	13.63
X−Slope	−50.00%	−5.00%	2.00%			2.18%		−3.91%			50.00%

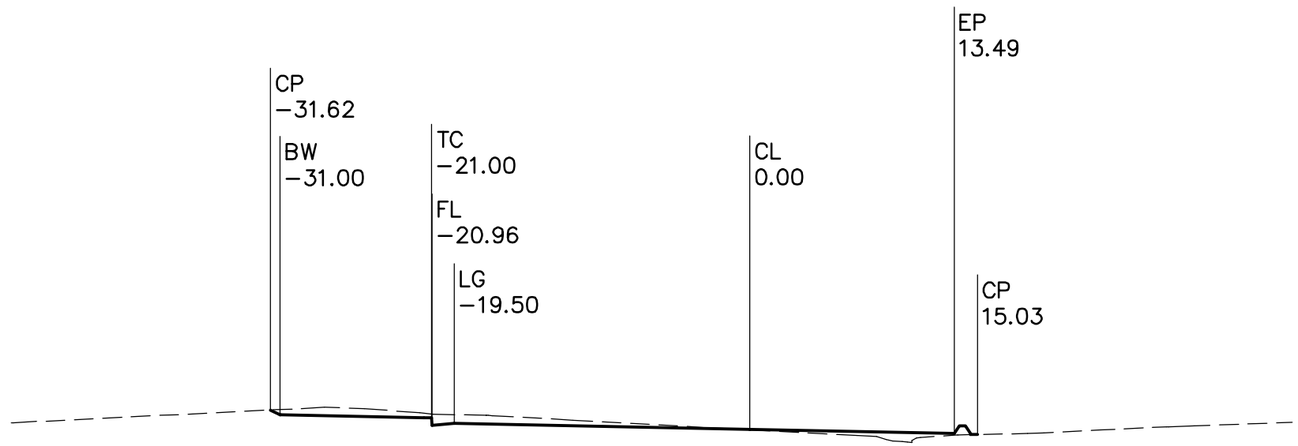
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"FT" LINE
STATION 100+00.00

	CP	HP	BW	TC	FL	LG	CL	EP	TOD	TOD	CP
Elev	38.15	38.94	39.09	38.90	38.40	38.53	38.04	37.68	38.18	38.18	37.96
Dist	−35.57	−34.00	−31.00	−21.00	−20.96	−19.50	0.00	13.00	13.33	13.75	13.89
X−Slope	−50.32%	−5.00%	2.00%			2.51%		−2.77%			

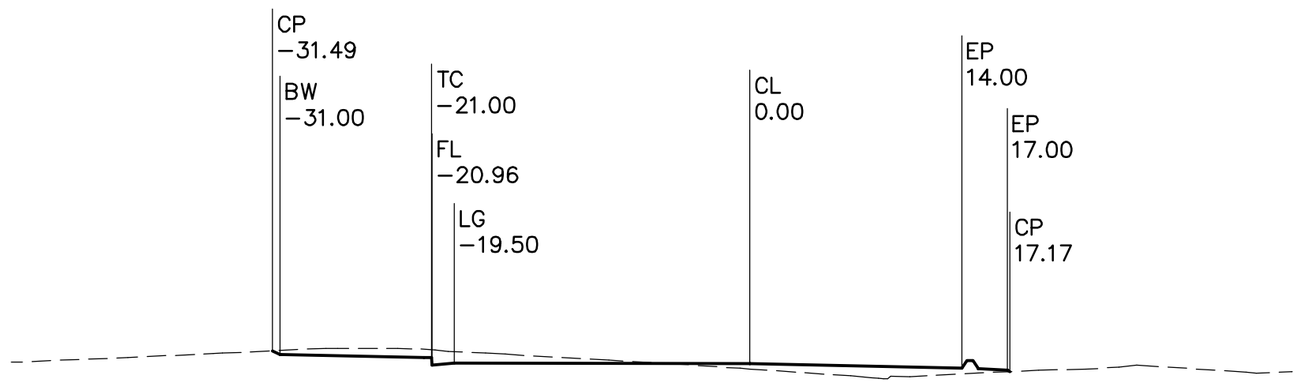
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"FT" LINE
STATION 100+25.00

	CP	BW	TC	FL	LG	CL	EP	CP
Elev	39.69	39.38	39.19	38.69	38.82	38.42	38.15	38.07
Dist	−31.62	−31.00	−21.00	−20.96	−19.50	0.00	13.49	15.03
X−Slope	50.00%	2.00%			2.05%		−2.00%	−5.19%

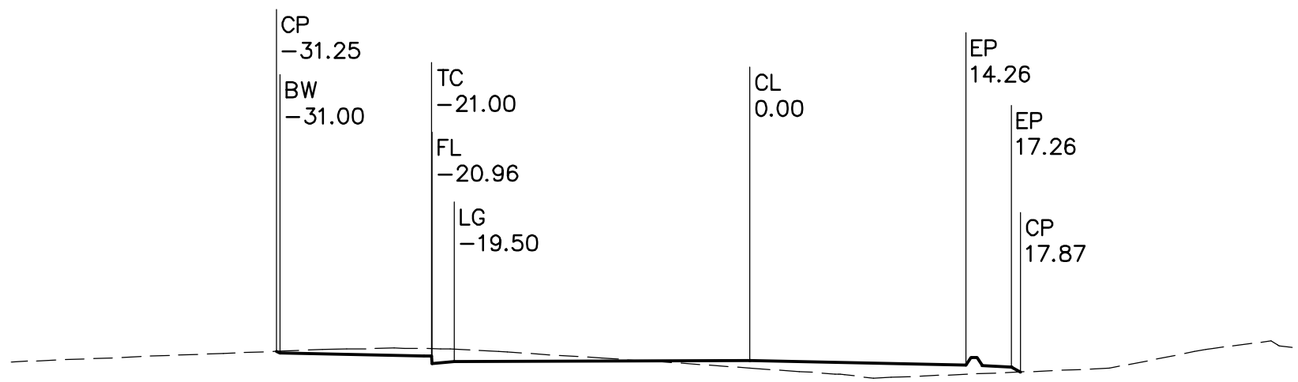
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"FT" LINE
STATION 100+50.00

	CP	BW	TC	FL	LG	CL	EP	HP	CP
Elev	39.92	39.68	39.49	38.99	39.12	39.07	38.79	38.64	38.56
Dist	−31.49	−31.00	−21.00	−20.96	−19.50	0.00	14.00	17.00	17.17
X−Slope	48.98%	2.00%			0.26%		−2.00%	−5.00%	−47.06%

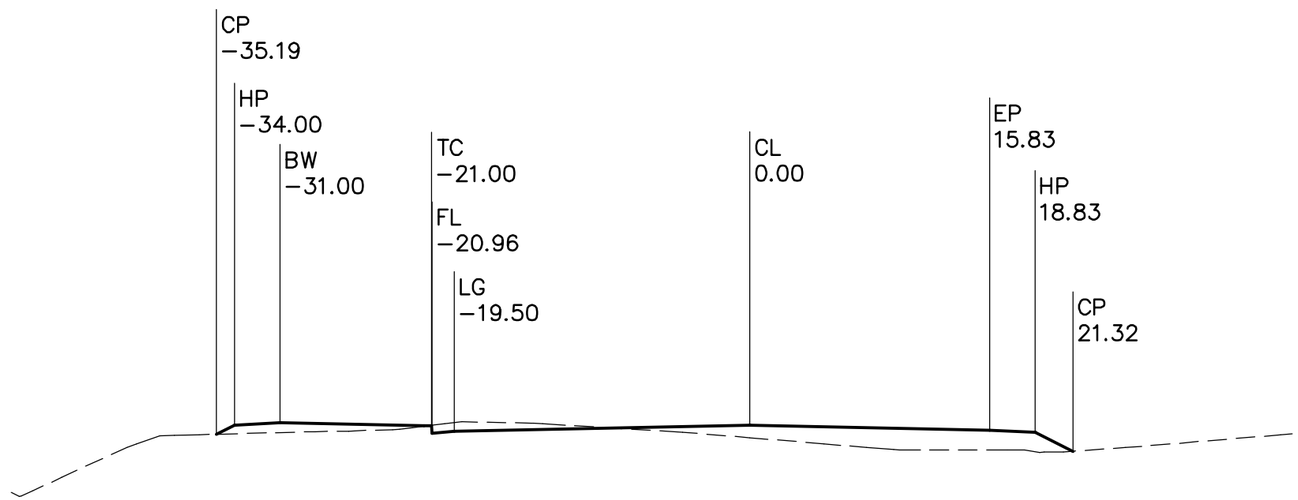
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"FT" LINE
STATION 100+62.95

	CP	BW	TC	FL	LG	CL	EP	HP	CP
Elev	40.09	39.97	39.78	39.28	39.41	39.47	39.19	39.04	38.74
Dist	−31.25	−31.00	−21.00	−20.96	−19.50	0.00	14.26	17.26	17.87
X−Slope	48.00%	2.00%			−0.31%		−1.96%	−5.00%	−49.18%

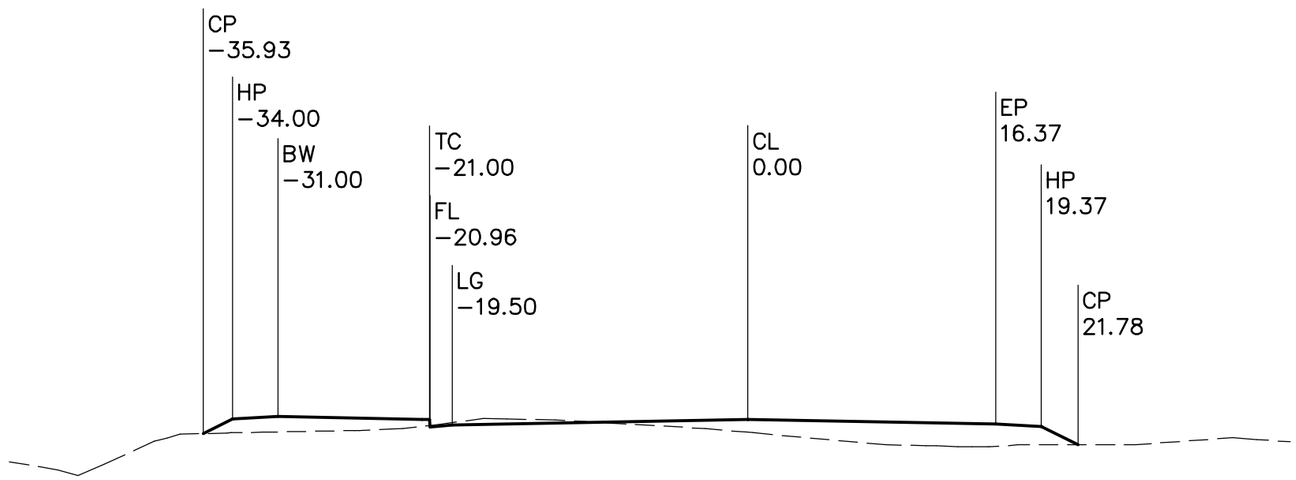
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"FT" LINE
STATION 101+14.66

	CP	HP	BW	TC	FL	LG	CL	EP	HP	CP
Elev	40.96	41.55	41.70	41.51	41.01	41.14	41.53	41.22	41.07	39.82
Dist	−35.19	−34.00	−31.00	−21.00	−20.96	−19.50	0.00	15.83	18.83	21.32
X−Slope	−49.58%	−5.00%	2.00%			−2.00%		−1.96%	−5.00%	−50.20%

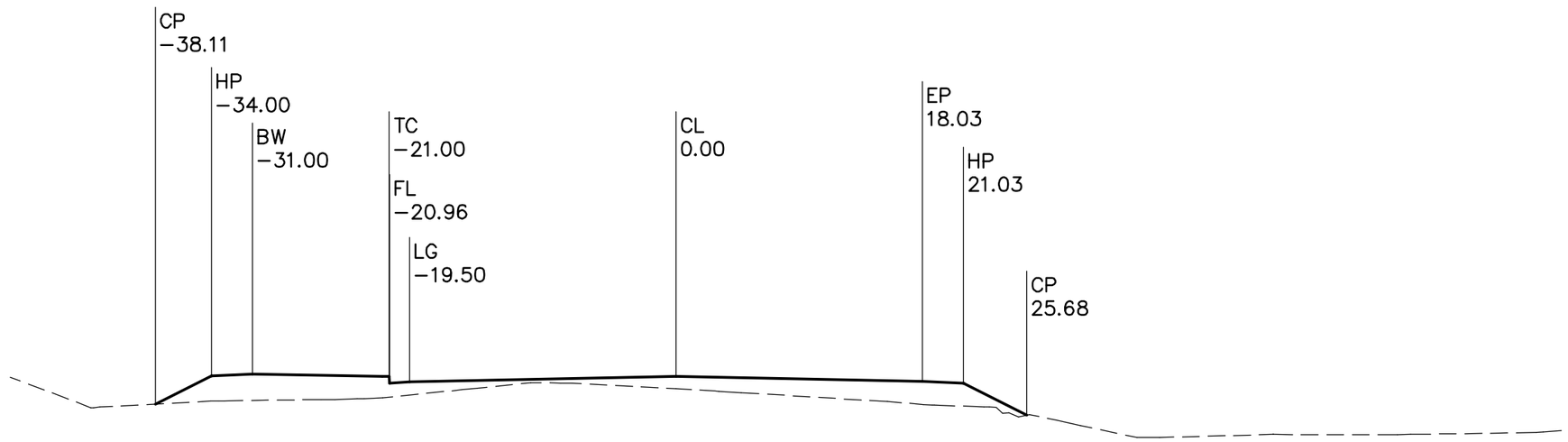
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"FT" LINE
STATION 101+25.00

	CP	HP	BW	TC	FL	LG	CL	EP	HP	CP
Elev	41.09	42.05	42.20	42.01	41.51	41.64	42.03	41.70	41.55	40.35
Dist	−35.93	−34.00	−31.00	−21.00	−20.96	−19.50	0.00	16.37	19.37	21.78
X−Slope	−49.74%	−5.00%	2.00%			−2.00%		−2.02%	−5.00%	−49.79%

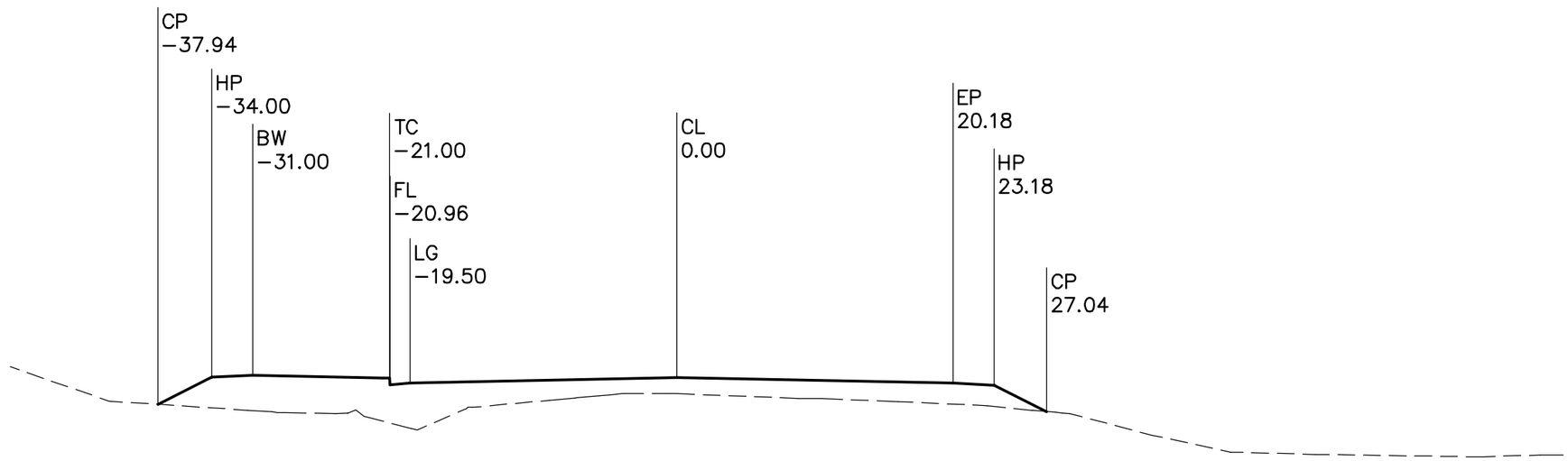
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"FT" LINE
STATION 101+50.00

	CP	HP	BW	TC	FL	LG	CL	EP	HP	CP
Elev	41.32	43.37	43.52	43.33	42.83	42.96	43.35	42.99	42.84	40.52
Dist	−38.11	−34.00	−31.00	−21.00	−20.96	−19.50	0.00	18.03	21.03	25.68
X−Slope	−49.88%	−5.00%	2.00%			−2.00%		−2.00%	−5.00%	−49.89%

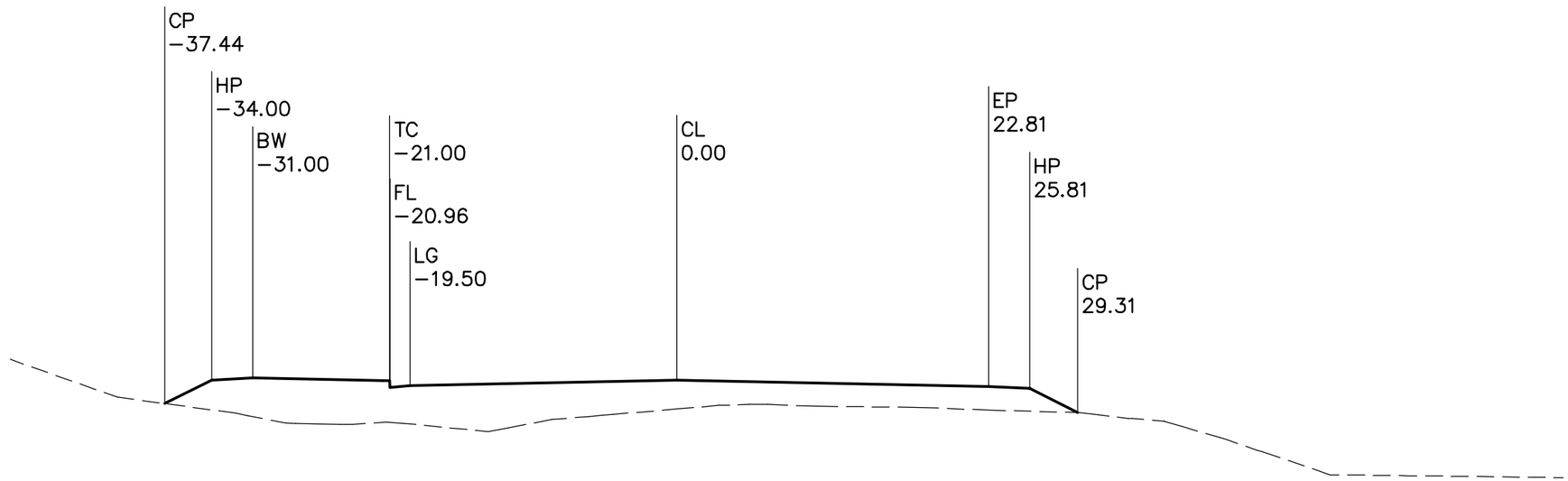
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"FT" LINE
STATION 101+75.00

	CP	HP	BW	TC	FL	LG	CL	EP	HP	CP
Elev	42.89	44.87	45.02	44.83	44.33	44.46	44.85	44.44	44.29	42.36
Dist	−37.94	−34.00	−31.00	−21.00	−20.96	−19.50	0.00	20.18	23.18	27.04
X−Slope	−50.25%	−5.00%	2.00%			−2.00%		−2.03%	−5.00%	−50.00%

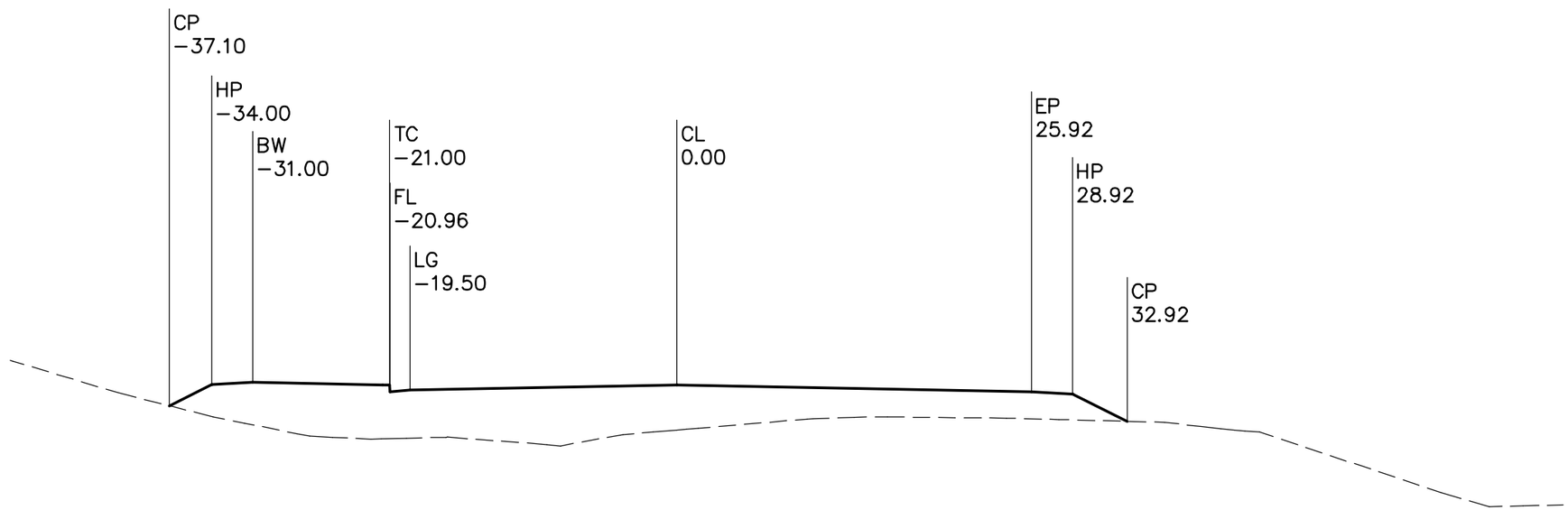
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"FT" LINE
STATION 102+00.00

	CP	HP	BW	TC	FL	LG	CL	EP	HP	CP
Elev	44.80	46.53	46.68	46.49	45.99	46.12	46.51	46.05	45.90	44.15
Dist	−37.44	−34.00	−31.00	−21.00	−20.96	−19.50	0.00	22.81	25.81	29.31
X−Slope	−50.29%	−5.00%	2.00%			−2.00%		−2.02%	−5.00%	−50.00%

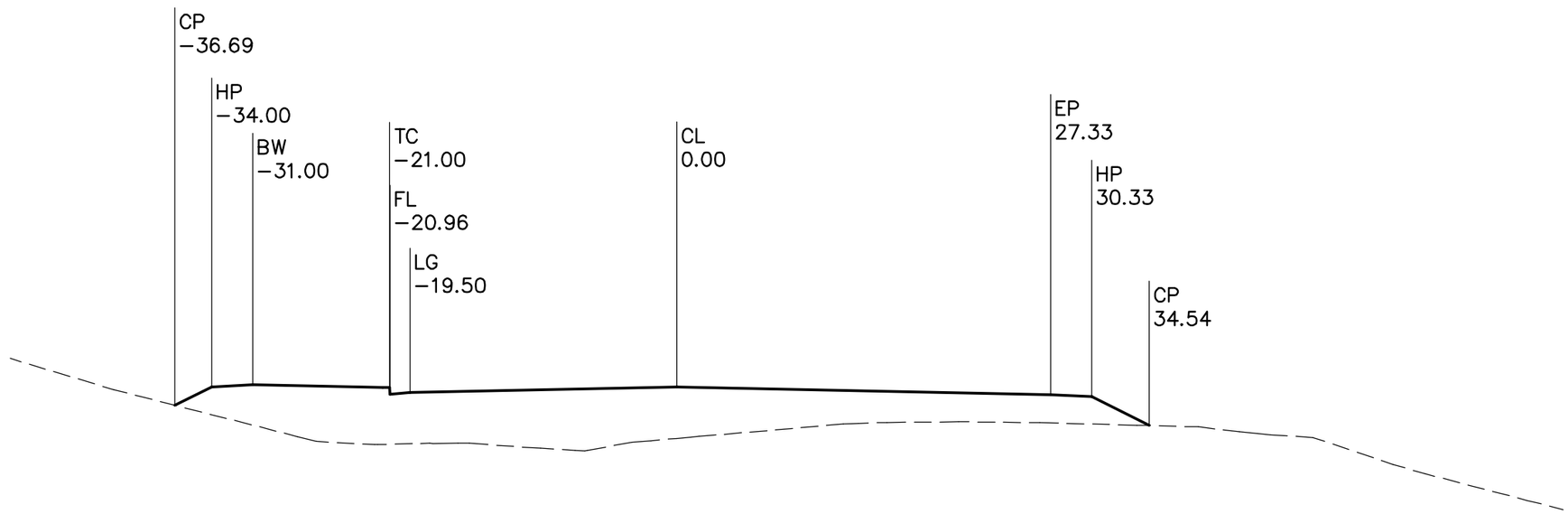
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"FT" LINE
STATION 102+25.00

	CP	HP	BW	TC	FL	LG	CL	EP	HP	CP
Elev	46.70	48.26	48.41	48.22	47.72	47.85	48.24	47.72	47.57	45.57
Dist	−37.10	−34.00	−31.00	−21.00	−20.96	−19.50	0.00	25.92	28.92	32.92
X−Slope	−50.32%	−5.00%	2.00%			−2.00%		−2.01%	−5.00%	−50.00%

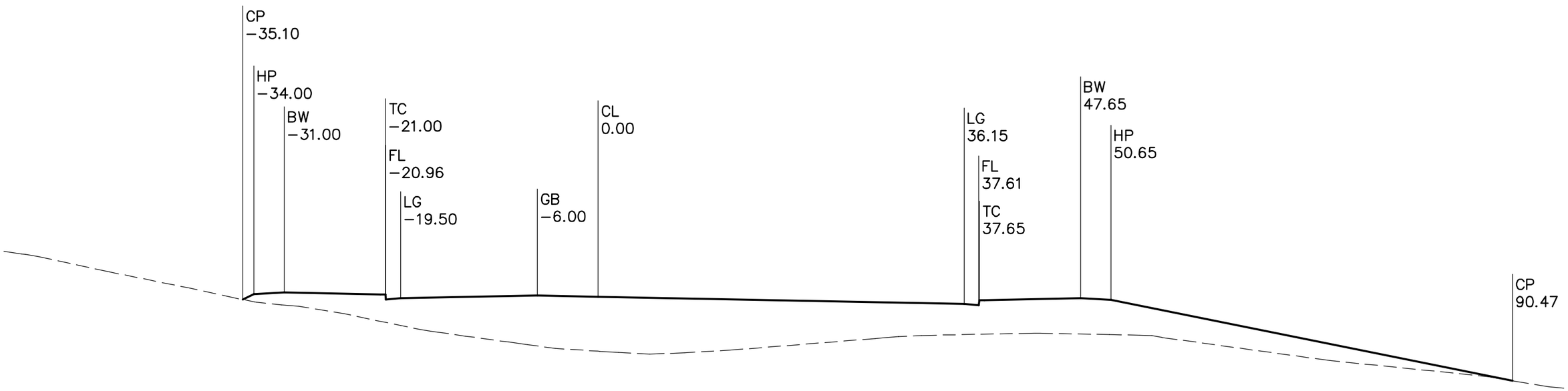
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"FT" LINE
STATION 102+35.23

	CP	HP	BW	TC	FL	LG	CL	EP	HP	CP
Elev	47.62	48.96	49.11	48.92	48.42	48.55	48.94	48.40	48.25	46.14
Dist	−36.69	−34.00	−31.00	−21.00	−20.96	−19.50	0.00	27.33	30.33	34.54
X−Slope	−49.81%	−5.00%	2.00%			−2.00%		−1.98%	−5.00%	−50.12%

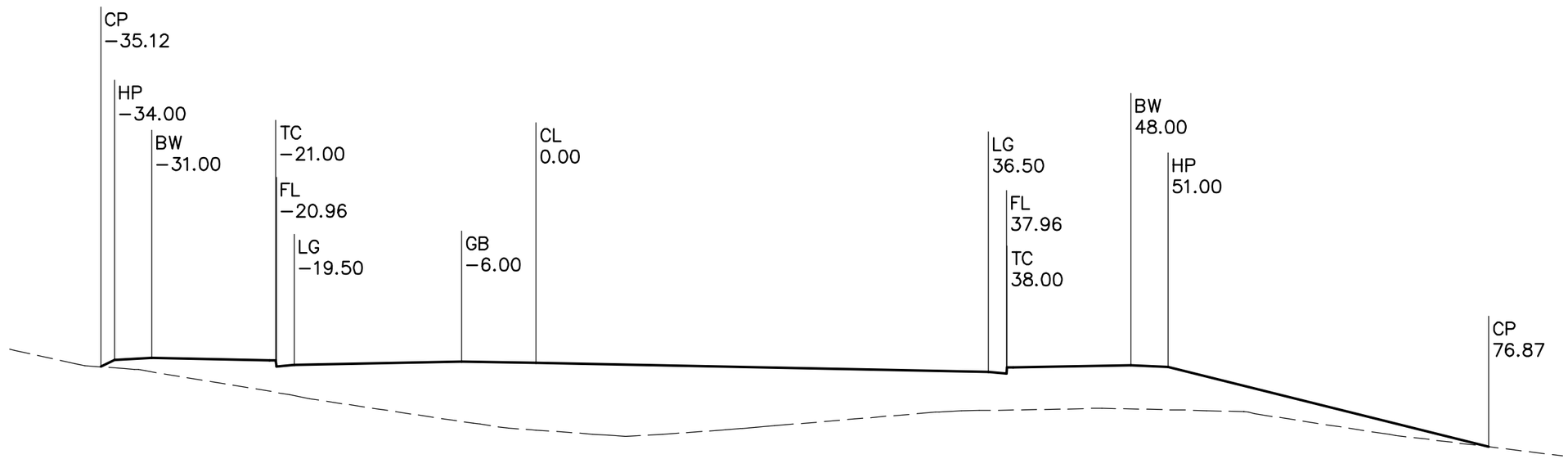
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"FT" LINE
STATION 103+26.68

	CP	HP	BW	TC	FL	LG	GB	CL	LG	FL	TC	BW	HP	CP
Elev	54.98	55.53	55.68	55.49	54.99	55.12	55.39	55.27	54.55	54.42	54.92	55.11	54.96	46.92
Dist	−35.10	−34.00	−31.00	−21.00	−20.96	−19.50	−6.00	0.00	36.15	37.61	37.65	47.65	50.65	90.47
X−Slope	−50.00%	−5.00%	2.00%			−2.00%	2.00%		−1.99%			2.00%	−5.00%	−20.19%

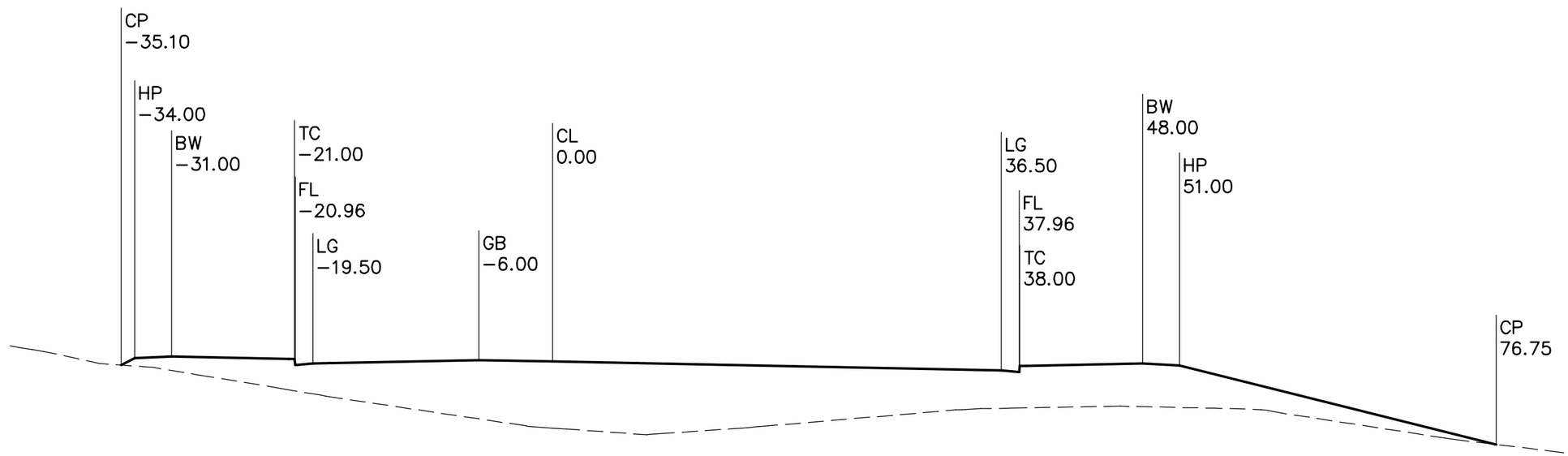
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"FT" LINE
STATION 103+46.00

	CP	HP	BW	TC	FL	LG	GB	CL	LG	FL	TC	BW	HP	CP
Elev	56.31	56.87	57.02	56.83	56.33	56.46	56.73	56.61	55.88	55.75	56.25	56.44	56.29	49.85
Dist	−35.12	−34.00	−31.00	−21.00	−20.96	−19.50	−6.00	0.00	36.50	37.96	38.00	48.00	51.00	76.87
X−Slope	−50.00%	−5.00%	2.00%			−2.00%	2.00%		−2.00%			2.00%	−5.00%	−24.89%

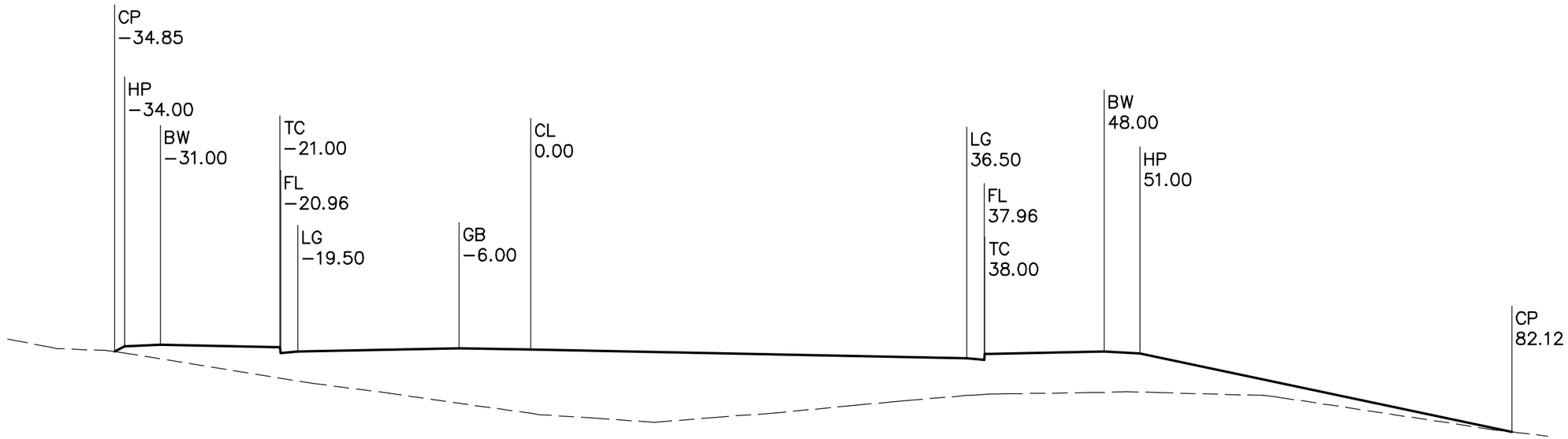
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"FT" LINE
STATION 103+50.00

	CP	HP	BW	TC	FL	LG	GB	CL	LG	FL	TC	BW	HP	CP
Elev	56.59	57.14	57.29	57.10	56.60	56.73	57.00	56.88	56.15	56.02	56.52	56.71	56.56	50.13
Dist	−35.10	−34.00	−31.00	−21.00	−20.96	−19.50	−6.00	0.00	36.50	37.96	38.00	48.00	51.00	76.75
X−Slope	−50.00%	−5.00%	2.00%			−2.00%	2.00%		−2.00%			2.00%	−5.00%	−24.97%

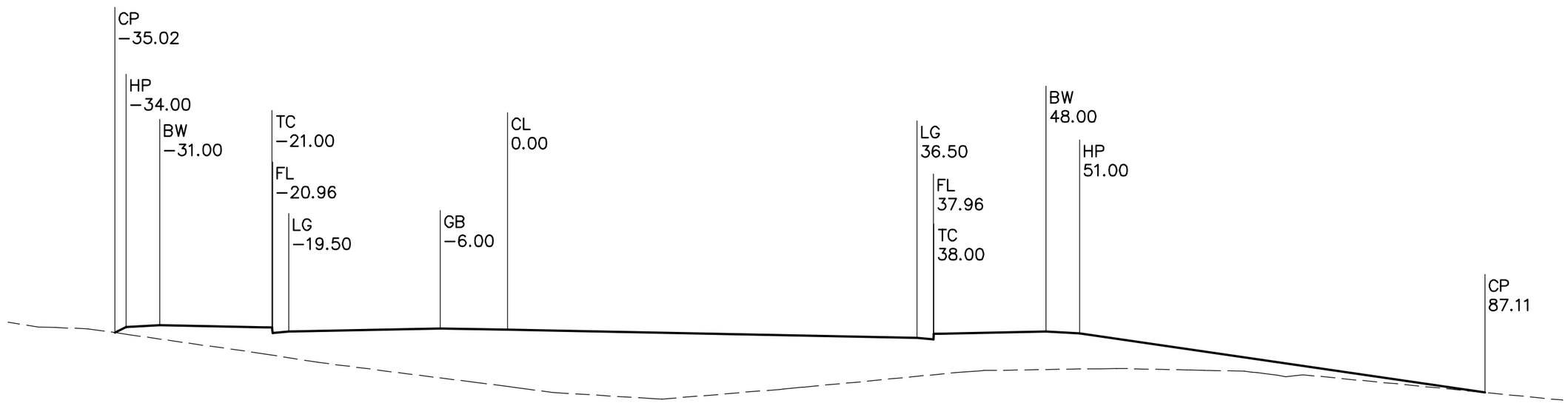
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"FT" LINE
STATION 103+75.00

	CP	HP	BW	TC	FL	LG	GB	CL	LG	FL	TC	BW	HP	CP
Elev	58.45	58.87	59.02	58.83	58.33	58.46	58.73	58.61	57.88	57.75	58.25	58.44	58.29	51.72
Dist	−34.85	−34.00	−31.00	−21.00	−20.96	−19.50	−6.00	0.00	36.50	37.96	38.00	48.00	51.00	82.12
X−Slope	−49.41%	−5.00%	2.00%			−2.00%	2.00%		−2.00%			2.00%	−5.00%	−21.11%

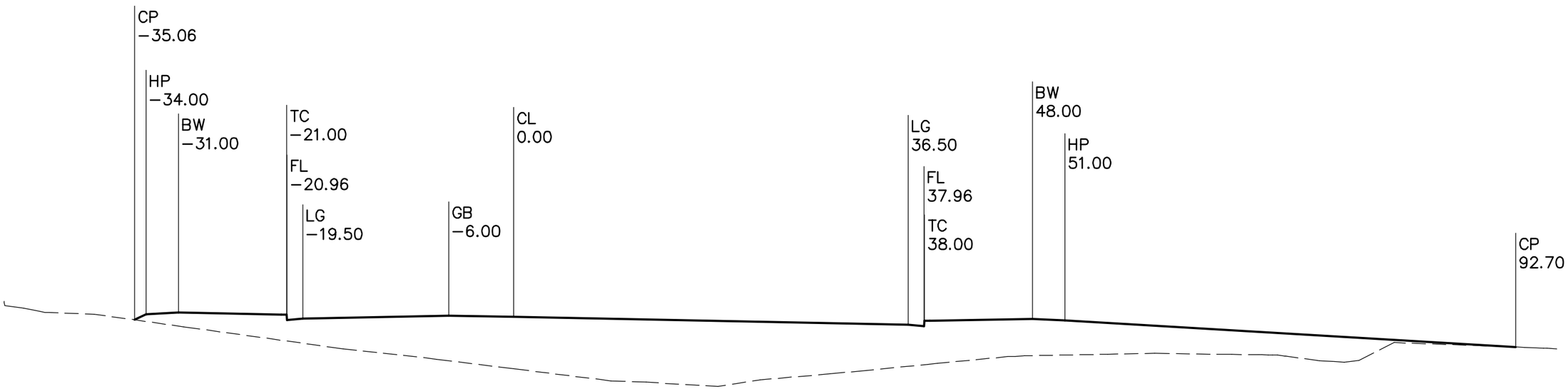
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"FT" LINE
STATION 104+00.00

	CP	HP	BW	TC	FL	LG	GB	CL	LG	FL	TC	BW	HP	CP
Elev	60.09	60.60	60.75	60.56	60.06	60.19	60.46	60.34	59.61	59.48	59.98	60.17	60.02	54.75
Dist	−35.02	−34.00	−31.00	−21.00	−20.96	−19.50	−6.00	0.00	36.50	37.96	38.00	48.00	51.00	87.11
X−Slope	−50.00%	−5.00%	2.00%			−2.00%	2.00%		−2.00%			2.00%	−5.00%	−14.59%

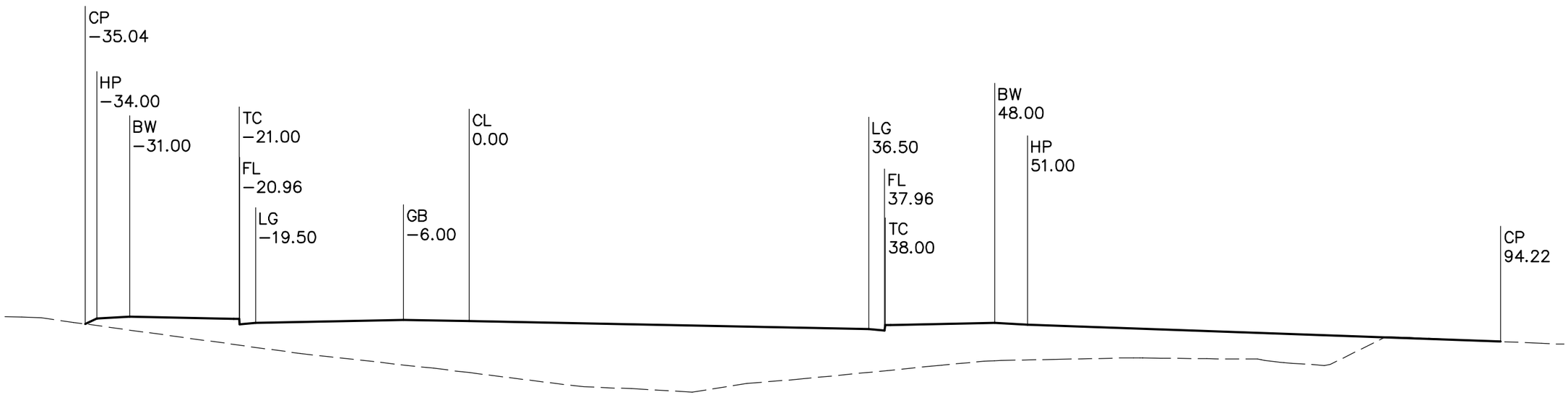
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"FT" LINE
STATION 104+25.00

	CP	HP	BW	TC	FL	LG	GB	CL	LG	FL	TC	BW	HP	CP
Elev	61.81	62.33	62.48	62.29	61.79	61.92	62.19	62.07	61.34	61.21	61.71	61.90	61.75	59.30
Dist	−35.06	−34.00	−31.00	−21.00	−20.96	−19.50	−6.00	0.00	36.50	37.96	38.00	48.00	51.00	92.70
X−Slope	−49.06%	−5.00%	2.00%			−2.00%	2.00%		−2.00%			2.00%	−5.00%	−5.88%

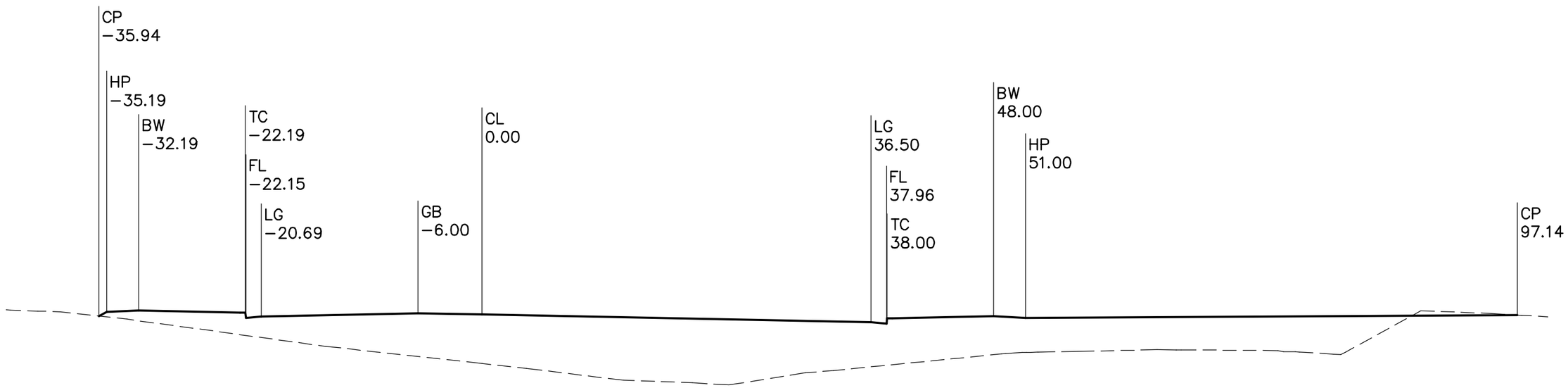
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"FT" LINE
STATION 104+31.28

	CP	HP	BW	TC	FL	LG	GB	CL	LG	FL	TC	BW	HP	CP
Elev	62.25	62.77	62.92	62.73	62.23	62.36	62.63	62.51	61.78	61.65	62.15	62.34	62.19	60.65
Dist	−35.04	−34.00	−31.00	−21.00	−20.96	−19.50	−6.00	0.00	36.50	37.96	38.00	48.00	51.00	94.22
X−Slope	−50.00%	−5.00%	2.00%			−2.00%	2.00%		−2.00%			2.00%	−5.00%	−3.56%

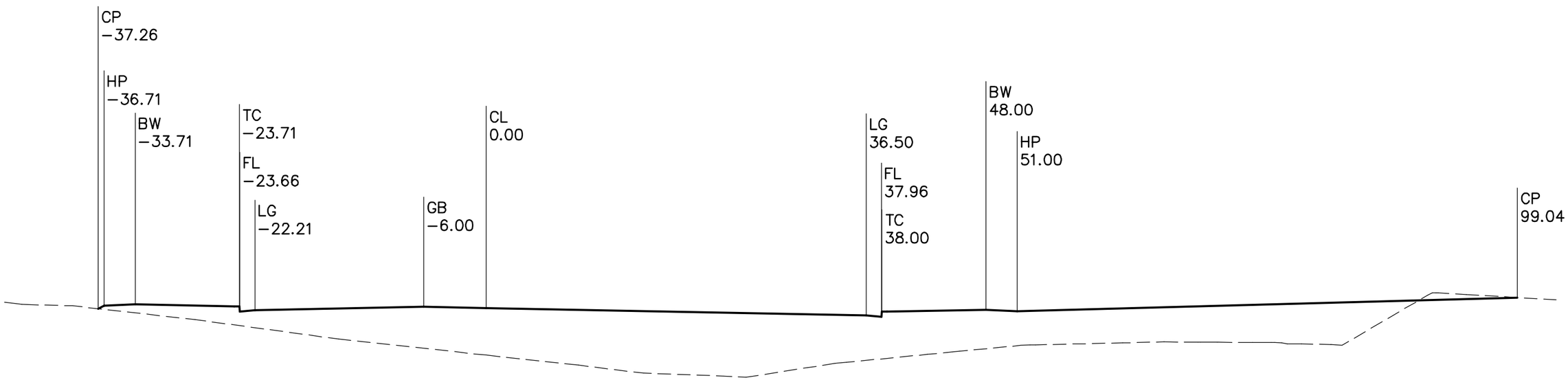
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"FT" LINE
STATION 104+42.83

	CP	HP	BW	TC	FL	LG	GB	CL	LG	FL	TC	BW	HP	CP
Elev	63.17	63.54	63.69	63.50	63.00	63.13	63.43	63.31	62.58	62.45	62.95	63.14	62.99	63.26
Dist	−35.94	−35.19	−32.19	−22.19	−22.15	−20.69	−6.00	0.00	36.50	37.96	38.00	48.00	51.00	97.14
X−Slope	−49.33%	−5.00%	2.00%			−2.04%	2.00%		−2.00%			2.00%	−5.00%	−0.59%

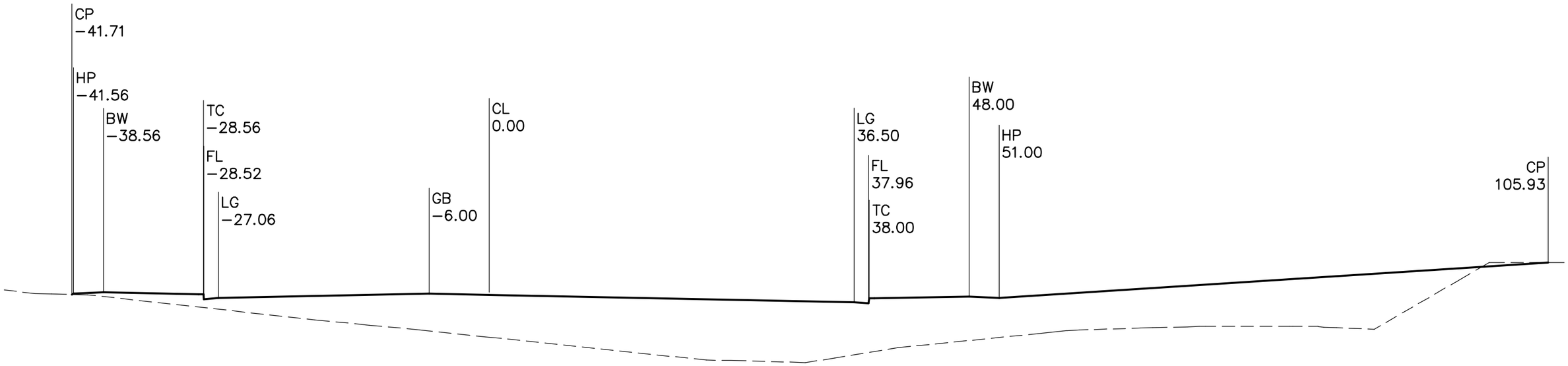
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"FT" LINE
STATION 104+50.00

	CP	HP	BW	TC	FL	LG	GB	CL	LG	FL	TC	BW	HP	CP
Elev	63.74	64.01	64.16	63.97	63.47	63.60	63.92	63.80	63.07	62.94	63.44	63.63	63.48	64.80
Dist	−37.26	−36.71	−33.71	−23.71	−23.66	−22.21	−6.00	0.00	36.50	37.96	38.00	48.00	51.00	99.04
X−Slope	−49.09%	−5.00%	2.00%			−1.97%	2.00%		−2.00%			2.00%	−5.00%	2.75%

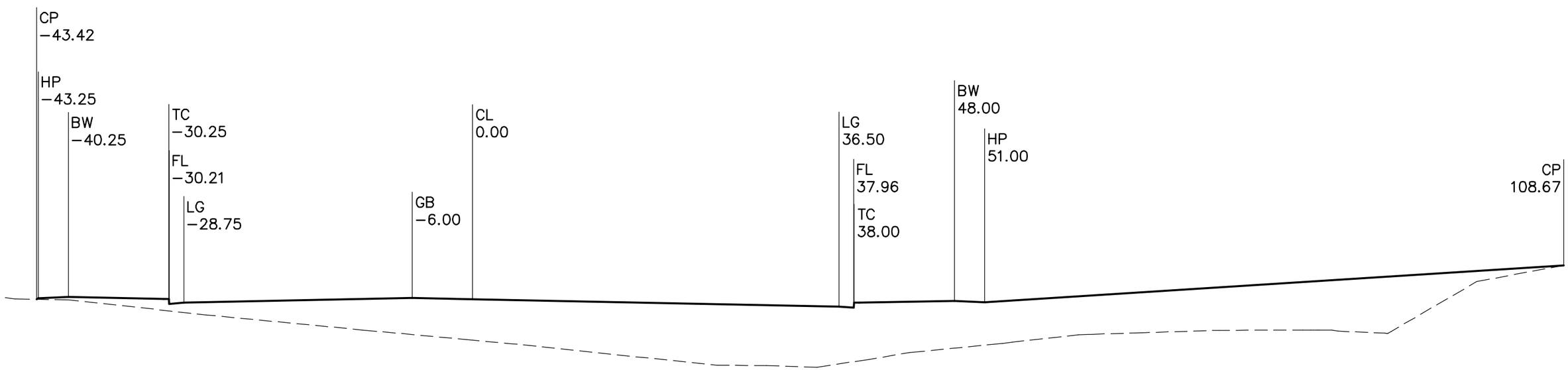
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"FT" LINE
STATION 104+75.00

	CP	HP	BW	TC	FL	LG	GB	CL	LG	FL	TC	BW	HP	CP
Elev	65.57	65.64	65.79	65.60	65.10	65.23	65.65	65.53	64.80	64.67	65.17	65.36	65.21	68.77
Dist	−41.71	−41.56	−38.56	−28.56	−28.52	−27.06	−6.00	0.00	36.50	37.96	38.00	48.00	51.00	105.93
X−Slope	−46.67%	−5.00%	2.00%			−1.99%	2.00%		−2.00%			2.00%	−5.00%	6.48%

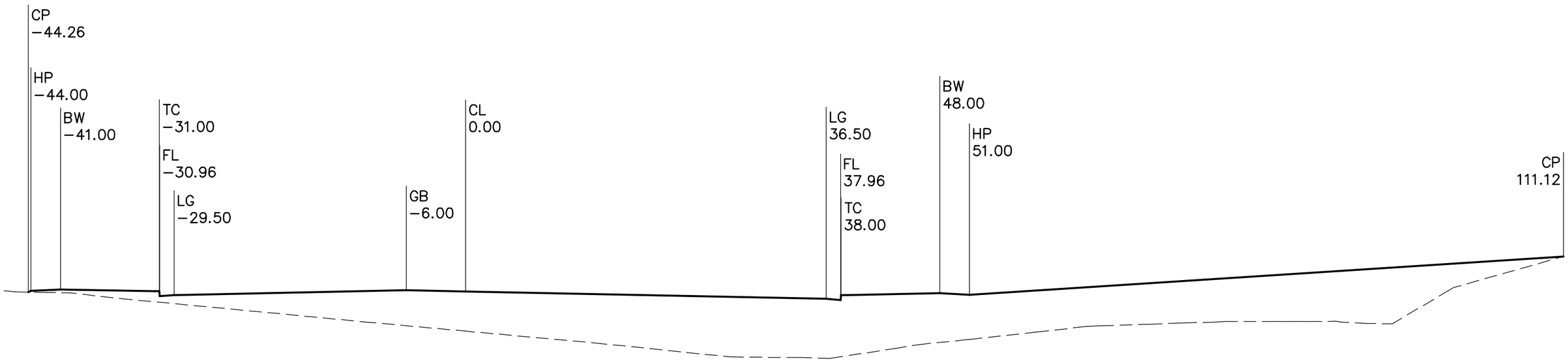
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"FT" LINE
STATION 104+84.59

	CP	HP	BW	TC	FL	LG	GB	CL	LG	FL	TC	BW	HP	CP
Elev	66.19	66.27	66.42	66.23	65.73	65.86	66.32	66.20	65.47	65.34	65.84	66.03	65.88	69.57
Dist	−43.42	−43.25	−40.25	−30.25	−30.21	−28.75	−6.00	0.00	36.50	37.96	38.00	48.00	51.00	108.67
X−Slope	−47.06%	−5.00%	2.00%			−2.02%	2.00%		−2.00%			2.00%	−5.00%	6.40%

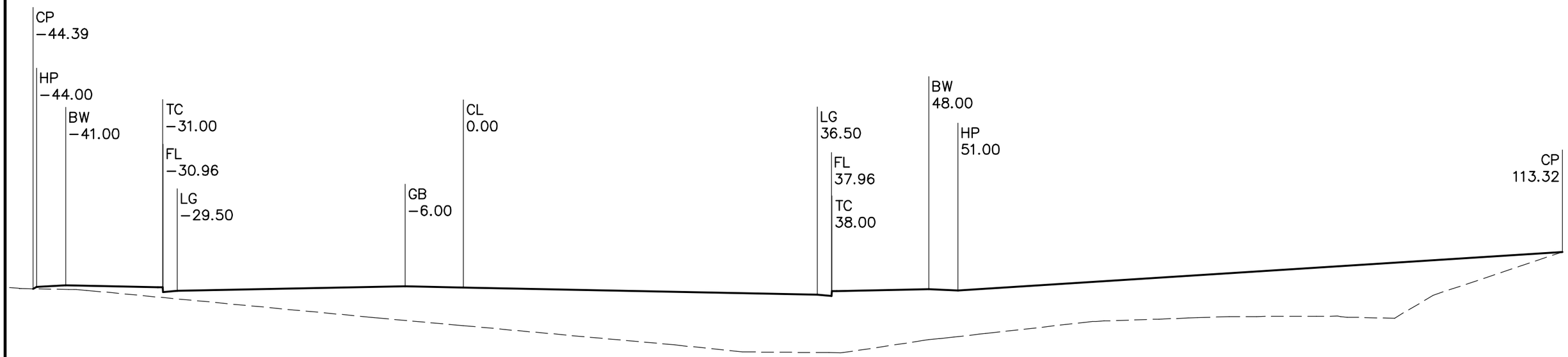
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"FT" LINE
STATION 104+93.11

	CP	HP	BW	TC	FL	LG	GB	CL	LG	FL	TC	BW	HP	CP
Elev	66.72	66.85	67.00	66.81	66.31	66.44	66.91	66.79	66.06	65.93	66.43	66.62	66.47	70.32
Dist	−44.26	−44.00	−41.00	−31.00	−30.96	−29.50	−6.00	0.00	36.50	37.96	38.00	48.00	51.00	111.12
X−Slope	−50.00%	−5.00%	2.00%			−2.00%	2.00%		−2.00%			2.00%	−5.00%	6.40%

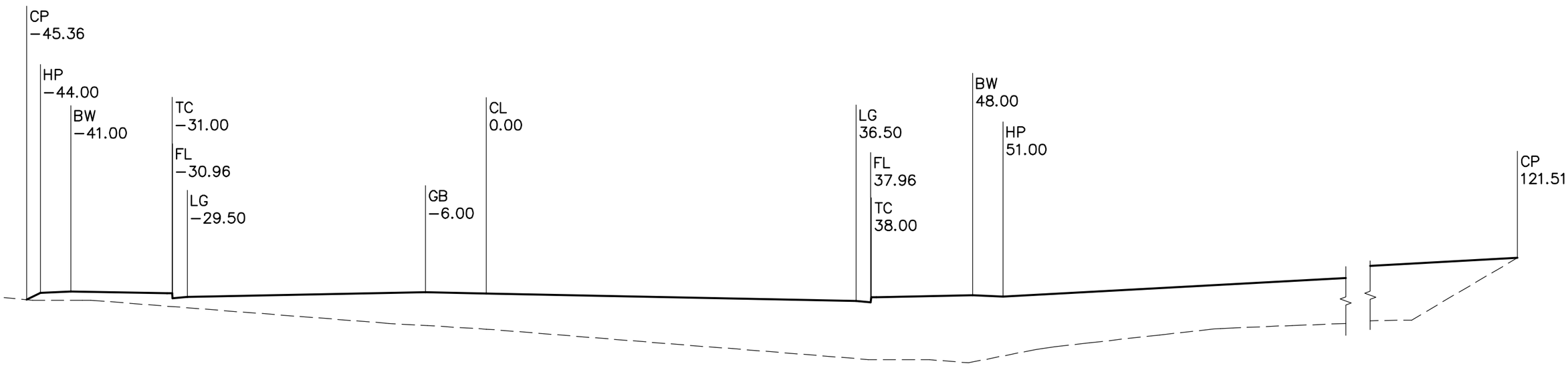
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"FT" LINE
STATION 105+00.00

	CP	HP	BW	TC	FL	LG	GB	CL	LG	FL	TC	BW	HP	CP
Elev	67.13	67.32	67.47	67.28	66.78	66.91	67.38	67.26	66.53	66.40	66.90	67.09	66.94	70.92
Dist	−44.39	−44.00	−41.00	−31.00	−30.96	−29.50	−6.00	0.00	36.50	37.96	38.00	48.00	51.00	113.32
X−Slope	−48.72%	−5.00%	2.00%			−2.00%	2.00%		−2.00%			2.00%	−5.00%	6.39%

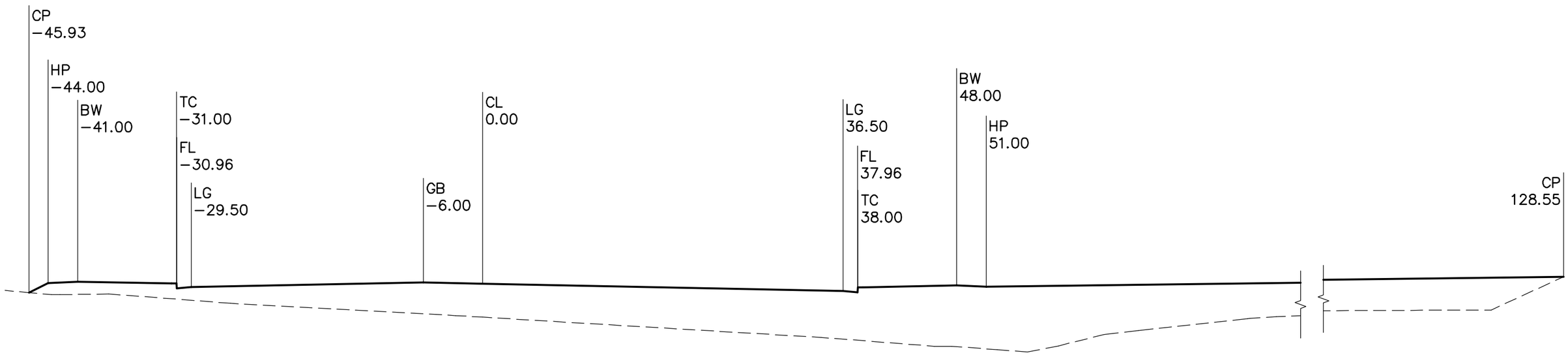
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"FT" LINE
STATION 105+25.00

	CP	HP	BW	TC	FL	LG	GB	CL	LG	FL	TC	BW	HP	CP
Elev	68.38	69.05	69.20	69.01	68.51	68.64	69.11	68.99	68.26	68.13	68.63	68.82	68.67	72.53
Dist	−45.36	−44.00	−41.00	−31.00	−30.96	−29.50	−6.00	0.00	36.50	37.96	38.00	48.00	51.00	121.51
X−Slope	−49.26%	−5.00%	2.00%			−2.00%	2.00%		−2.00%			2.00%	−5.00%	5.47%

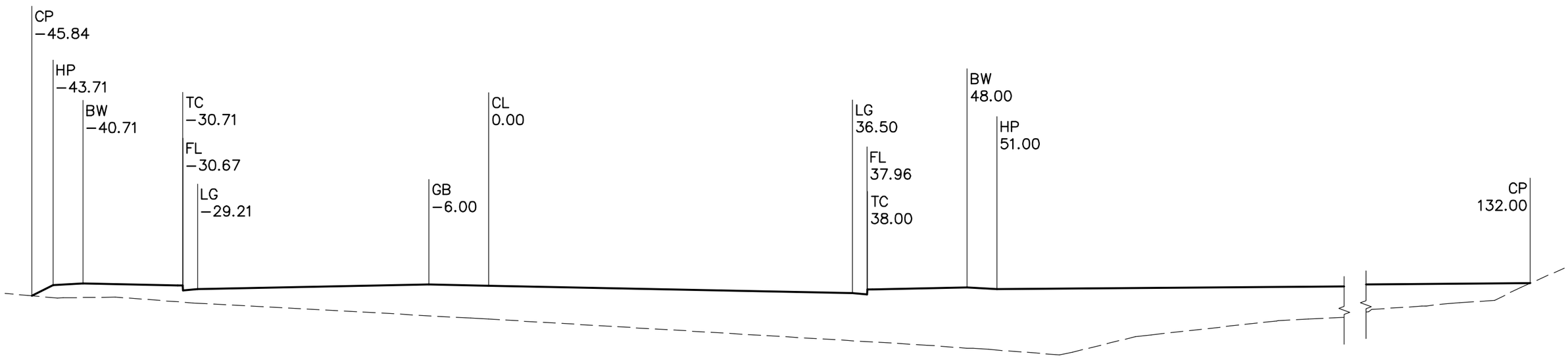
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"FT" LINE
STATION 105+44.71

	CP	HP	BW	TC	FL	LG	GB	CL	LG	FL	TC	BW	HP	CP
Elev	69.45	70.42	70.57	70.38	69.88	70.01	70.48	70.36	69.63	69.50	70.00	70.19	70.04	71.06
Dist	−45.93	−44.00	−41.00	−31.00	−30.96	−29.50	−6.00	0.00	36.50	37.96	38.00	48.00	51.00	128.55
X−Slope	−50.26%	−5.00%	2.00%			−2.00%	2.00%		−2.00%			2.00%	−5.00%	1.32%

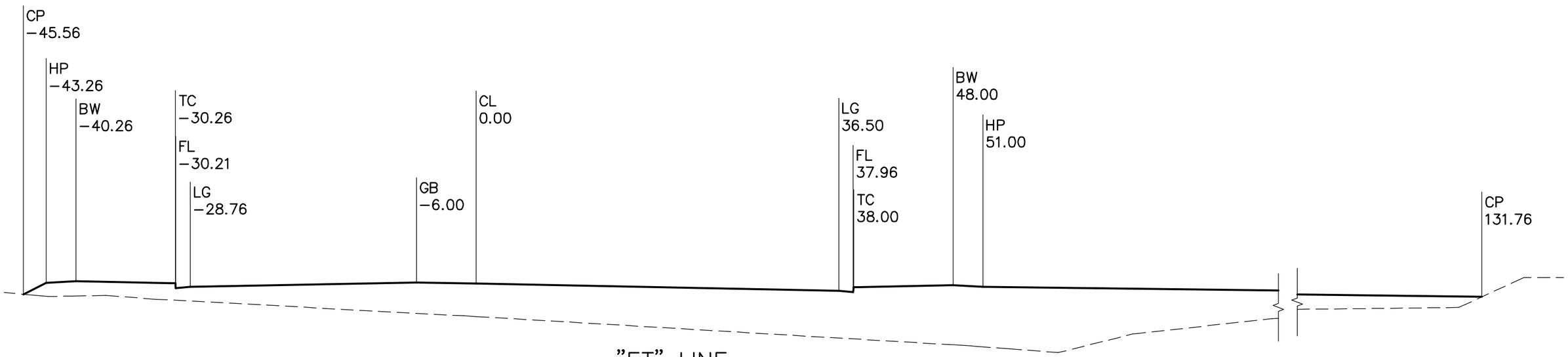
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"FT" LINE
STATION 105+50.00

	CP	HP	BW	TC	FL	LG	GB	CL	LG	FL	TC	BW	HP	CP
Elev	69.73	70.79	70.94	70.75	70.25	70.38	70.84	70.72	69.99	69.86	70.36	70.55	70.40	70.98
Dist	−45.84	−43.71	−40.71	−30.71	−30.67	−29.21	−6.00	0.00	36.50	37.96	38.00	48.00	51.00	132.00
X−Slope	−49.77%	−5.00%	2.00%			−1.98%	2.00%		−2.00%			2.00%	−5.00%	0.72%

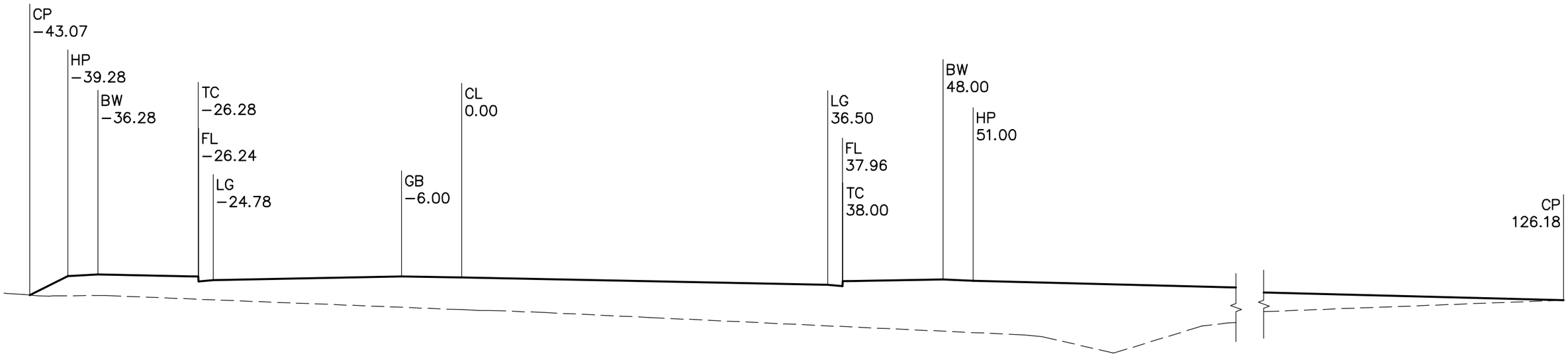
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"FT" LINE
STATION 105+53.23

	CP	HP	BW	TC	FL	LG	GB	CL	LG	FL	TC	BW	HP	CP
Elev	69.87	71.02	71.17	70.98	70.48	70.61	71.07	70.95	70.22	70.09	70.59	70.78	70.63	69.62
Dist	−45.56	−43.26	−40.26	−30.26	−30.21	−28.76	−6.00	0.00	36.50	37.96	38.00	48.00	51.00	131.76
X−Slope	−50.00%	−5.00%	2.00%			−2.02%	2.00%		−2.00%			2.00%	−5.00%	−1.25%

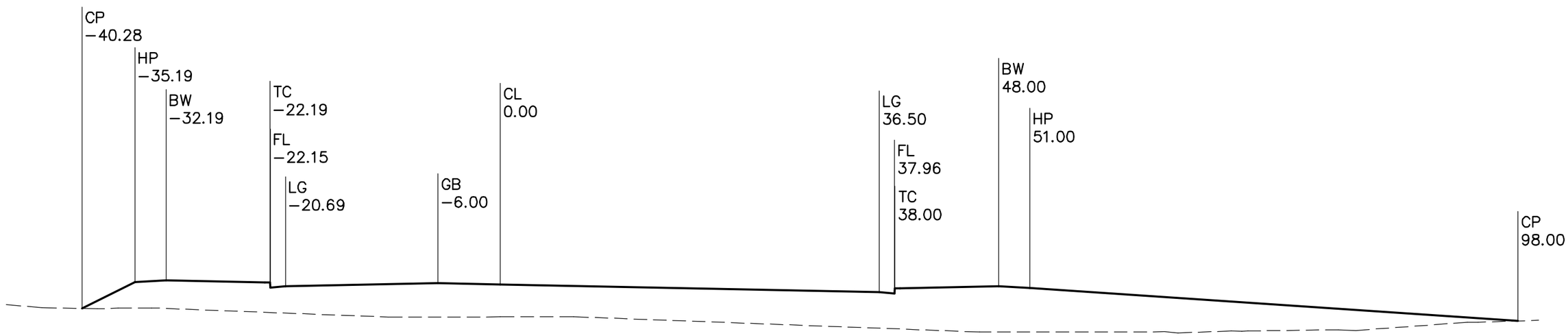
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"FT" LINE
STATION 105+75.00

	CP	HP	BW	TC	FL	LG	GB	CL	LG	FL	TC	BW	HP	CP
Elev	70.70	72.59	72.74	72.55	72.05	72.18	72.56	72.44	71.71	71.58	72.08	72.27	72.12	70.19
Dist	−43.07	−39.28	−36.28	−26.28	−26.24	−24.78	−6.00	0.00	36.50	37.96	38.00	48.00	51.00	126.18
X−Slope	−49.87%	−5.00%	2.00%			−2.02%	2.00%		−2.00%			2.00%	−5.00%	−2.57%

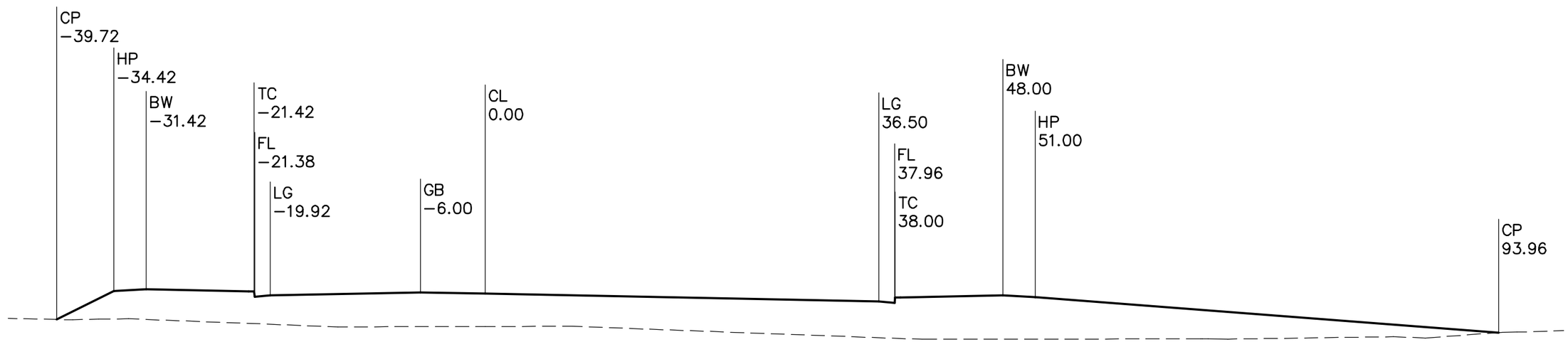
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"FT" LINE
STATION 105+95.00

	CP	HP	BW	TC	FL	LG	GB	CL	LG	FL	TC	BW	HP	CP
Elev	71.34	73.89	74.04	73.85	73.35	73.48	73.77	73.65	72.92	72.79	73.29	73.48	73.33	70.15
Dist	−40.28	−35.19	−32.19	−22.19	−22.15	−20.69	−6.00	0.00	36.50	37.96	38.00	48.00	51.00	98.00
X−Slope	−50.10%	−5.00%	2.00%			−1.97%	2.00%		−2.00%			2.00%	−5.00%	−6.77%

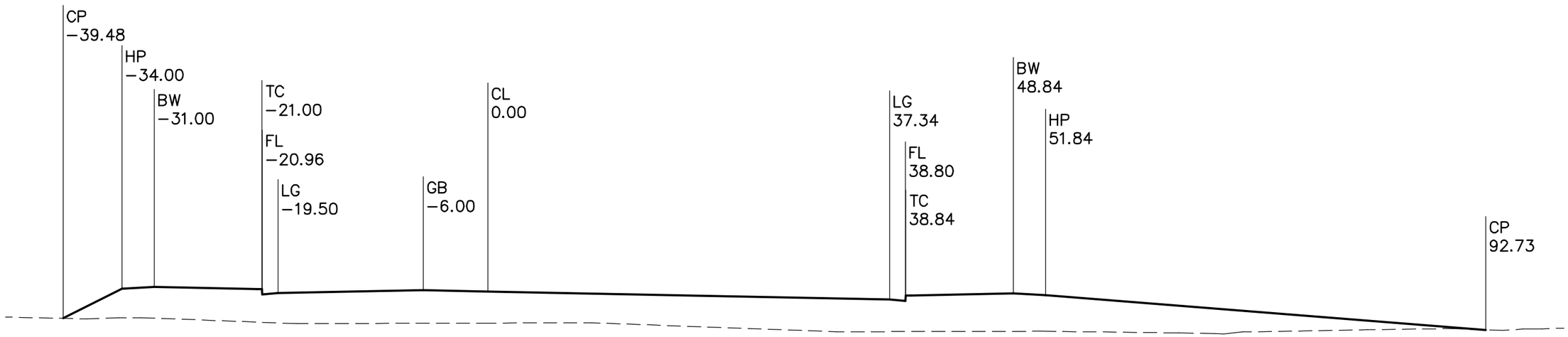
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"FT" LINE
STATION 105+99.68

	CP	HP	BW	TC	FL	LG	GB	CL	LG	FL	TC	BW	HP	CP
Elev	71.51	74.16	74.31	74.12	73.62	73.75	74.03	73.91	73.18	73.05	73.55	73.74	73.59	70.29
Dist	−39.72	−34.42	−31.42	−21.42	−21.38	−19.92	−6.00	0.00	36.50	37.96	38.00	48.00	51.00	93.96
X−Slope	−50.00%	−5.00%	2.00%			−2.01%	2.00%		−2.00%			2.00%	−5.00%	−7.68%

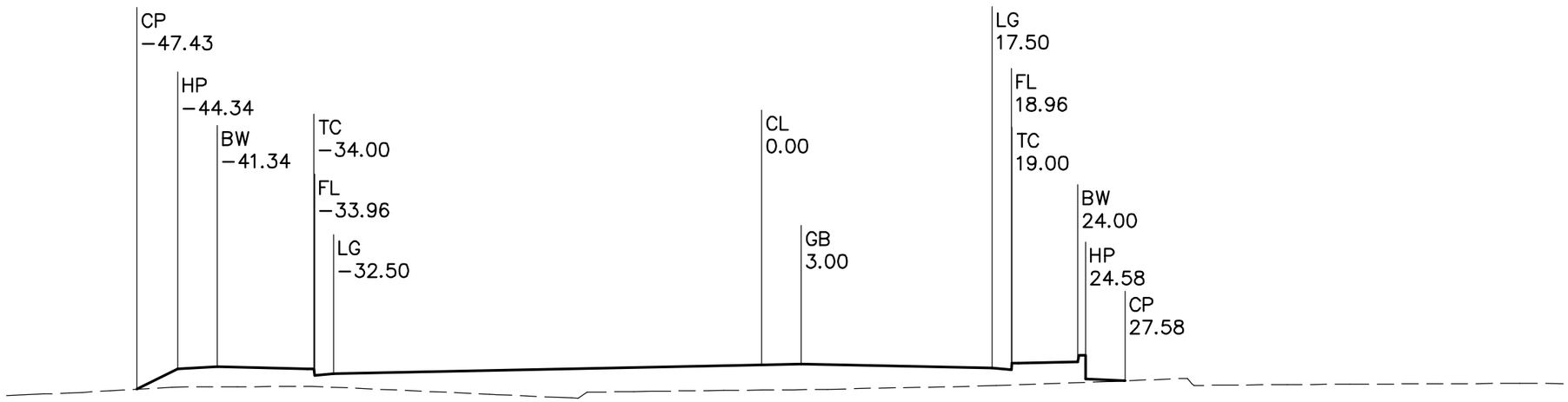
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"FT" LINE
STATION 106+06.55

	CP	HP	BW	TC	FL	LG	GB	CL	LG	FL	TC	BW	HP	CP
Elev	71.78	74.52	74.67	74.48	73.98	74.11	74.38	74.26	73.51	73.38	73.88	74.07	73.92	70.69
Dist	−39.48	−34.00	−31.00	−21.00	−20.96	−19.50	−6.00	0.00	37.34	38.80	38.84	48.84	51.84	92.73
X−Slope	−50.00%	−5.00%	2.00%			−2.00%	2.00%		−2.01%			2.00%	−5.00%	−7.90%

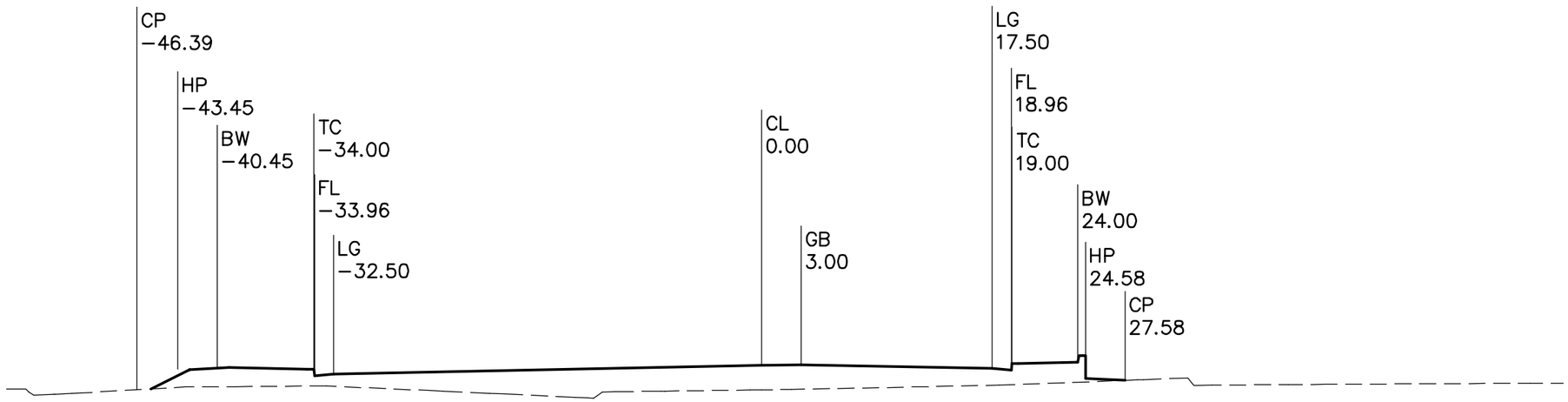
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"FT" LINE
STATION 107+96.54

	CP	HP	BW	TC	FL	LG	CL	GB	LG	FL	TC	BW	HP	CP
Elev	73.28	74.82	74.97	74.83	74.33	74.46	75.11	75.17	74.88	74.75	75.25	75.34	74.06	73.91
Dist	−47.43	−44.34	−41.34	−34.00	−33.96	−32.50	0.00	3.00	17.50	18.96	19.00	24.00	24.58	27.58
X−Slope	−49.84%	−5.00%	2.05%			−2.00%		2.00%	−2.00%			2.00%		−5.00%

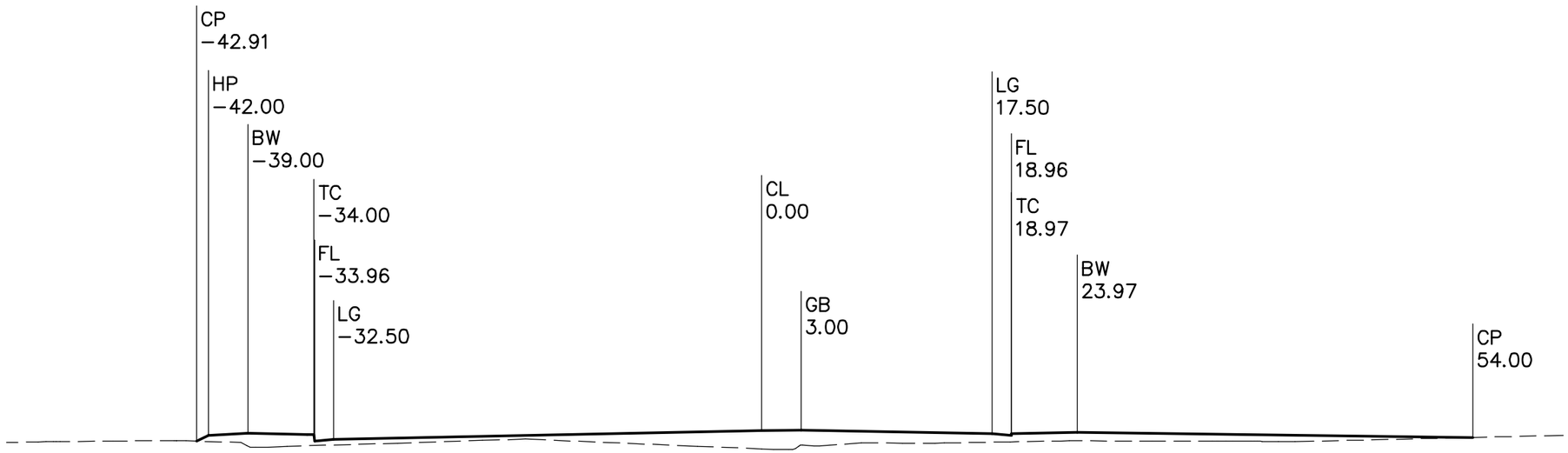
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"FT" LINE
STATION 108+00.00

	CP	HP	BW	TC	FL	LG	CL	GB	LG	FL	TC	BW	HP	CP
Elev	73.23	74.70	74.85	74.73	74.23	74.36	75.01	75.07	74.78	74.65	75.15	75.24	74.02	73.87
Dist	−46.39	−43.45	−40.45	−34.00	−33.96	−32.50	0.00	3.00	17.50	18.96	19.00	24.00	24.58	27.58
X−Slope	−50.00%	−5.00%	2.02%			−2.00%		2.00%	−2.00%			2.00%		−5.00%

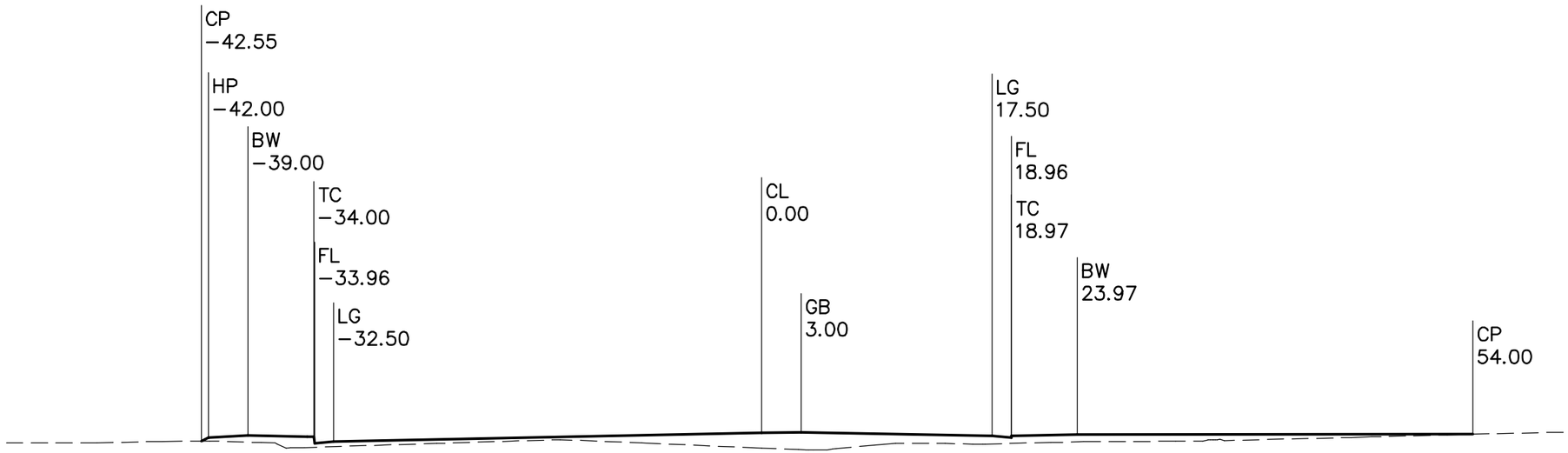
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"FT" LINE
STATION 108+50.00

	CP	HP	BW	TC	FL	LG	CL	GB	LG	FL	TC	BW	CP
Elev	72.78	73.23	73.38	73.29	72.79	72.92	73.57	73.63	73.34	73.21	73.34	73.44	73.06
Dist	−42.91	−42.00	−39.00	−34.00	−33.96	−32.50	0.00	3.00	17.50	18.96	18.97	23.97	54.00
X−Slope	−49.45%	−5.00%	2.00%			−2.00%		2.00%	−2.00%			2.00%	−1.27%

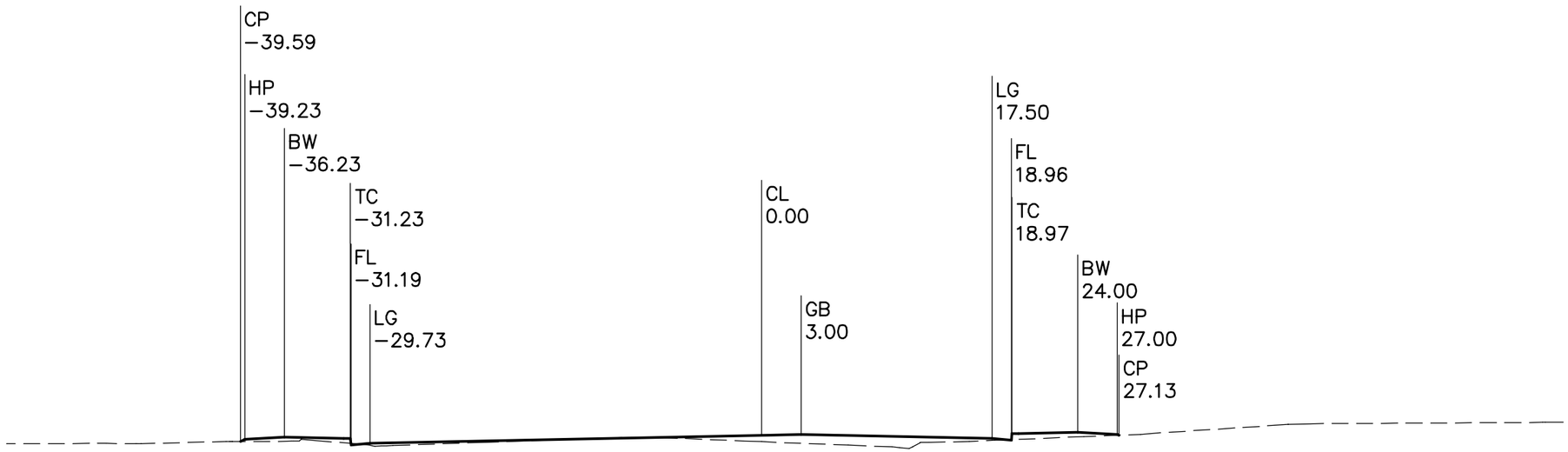
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"FT" LINE
STATION 108+60.00

	CP	HP	BW	TC	FL	LG	CL	GB	LG	FL	TC	BW	CP
Elev	72.72	73.00	73.15	73.06	72.56	72.69	73.34	73.40	73.11	72.98	73.10	73.20	73.24
Dist	−42.55	−42.00	−39.00	−34.00	−33.96	−32.50	0.00	3.00	17.50	18.96	18.97	23.97	54.00
X−Slope	−50.91%	−5.00%	2.00%			−2.00%		2.00%	−2.00%			2.00%	0.13%

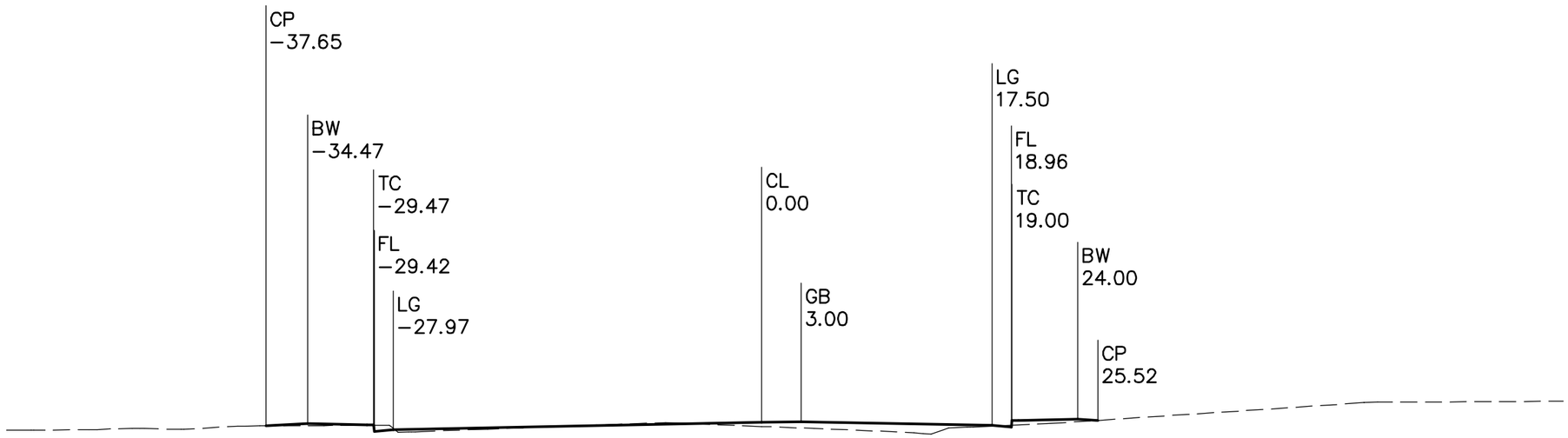
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"FT" LINE
STATION 108+90.35

	CP	HP	BW	TC	FL	LG	CL	GB	LG	FL	TC	BW	HP	CP
Elev	72.29	72.47	72.62	72.53	72.03	72.16	72.75	72.81	72.52	72.39	72.89	72.98	72.83	72.77
Dist	−39.59	−39.23	−36.23	−31.23	−31.19	−29.73	0.00	3.00	17.50	18.96	19.00	24.00	27.00	27.13
X−Slope	−50.00%	−5.00%	2.00%			−1.98%		2.00%	−2.00%			2.00%	−5.00%	−46.15%

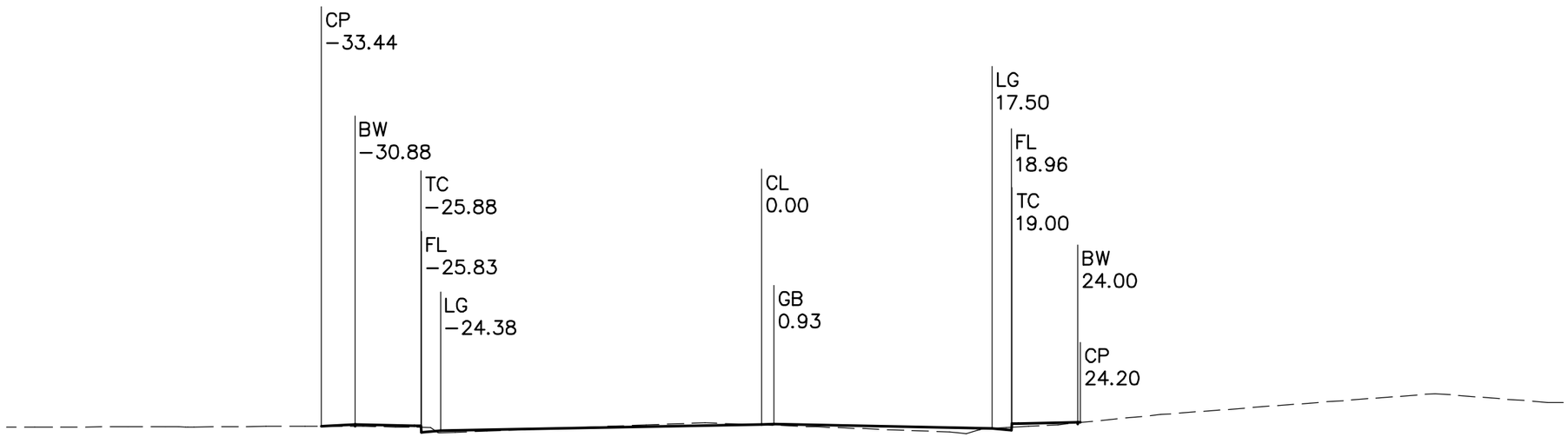
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"FT" LINE
STATION 109+00.00

	CP	BW	TC	FL	LG	CL	GB	LG	FL	TC	BW	CP
Elev	72.35	72.51	72.42	71.92	72.05	72.61	72.67	72.38	72.25	72.75	72.84	72.76
Dist	−37.65	−34.47	−29.47	−29.42	−27.97	0.00	3.00	17.50	18.96	19.00	24.00	25.52
X−Slope	−5.03%	2.00%			−2.00%		2.00%	−2.00%			2.00%	−5.26%

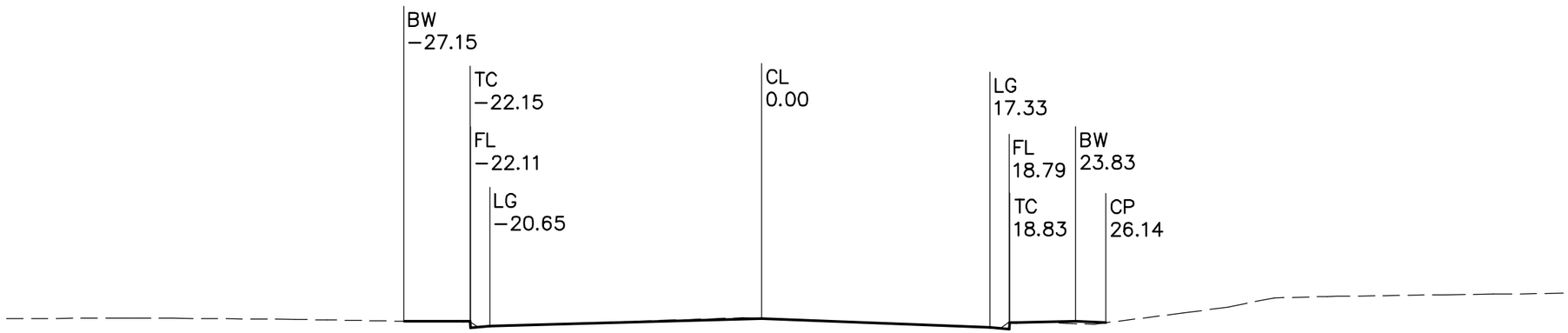
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"FT" LINE
STATION 109+19.67

	CP	BW	TC	FL	LG	CL	GB	LG	FL	TC	BW	CP
Elev	72.21	72.34	72.25	71.75	71.88	72.37	72.39	72.06	71.93	72.43	72.52	72.51
Dist	−33.44	−30.88	−25.88	−25.83	−24.38	0.00	0.93	17.50	18.96	19.00	24.00	24.20
X−Slope	−5.08%	2.00%			−2.01%		2.15%	−1.99%			2.00%	−5.00%

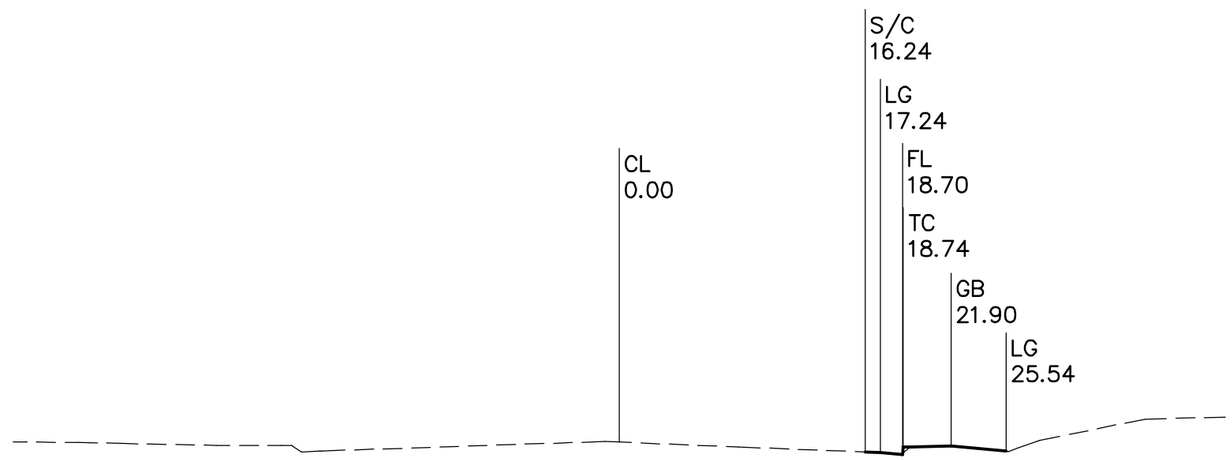
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"FT" LINE
STATION 109+50.00

	BW	TC	FL	LG	CL	LG	FL	TC	BW	CP
Elev	71.99	71.98	71.48	71.61	72.19	71.53	71.40	71.90	71.99	71.87
Dist	−27.15	−22.15	−22.11	−20.65	0.00	17.33	18.79	18.83	23.83	26.14
X−Slope	0.20%			−2.81%		−3.81%			2.00%	−5.19%

FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"FT" LINE
STATION 109+60.00

	S/C	LG	FL	TC	GB	BW
Elev	71.49	71.45	71.32	71.82	71.87	71.55
Dist	16.24	17.24	18.70	18.74	21.90	25.54
X–Slope		–4.00%			1.58%	–8.79%

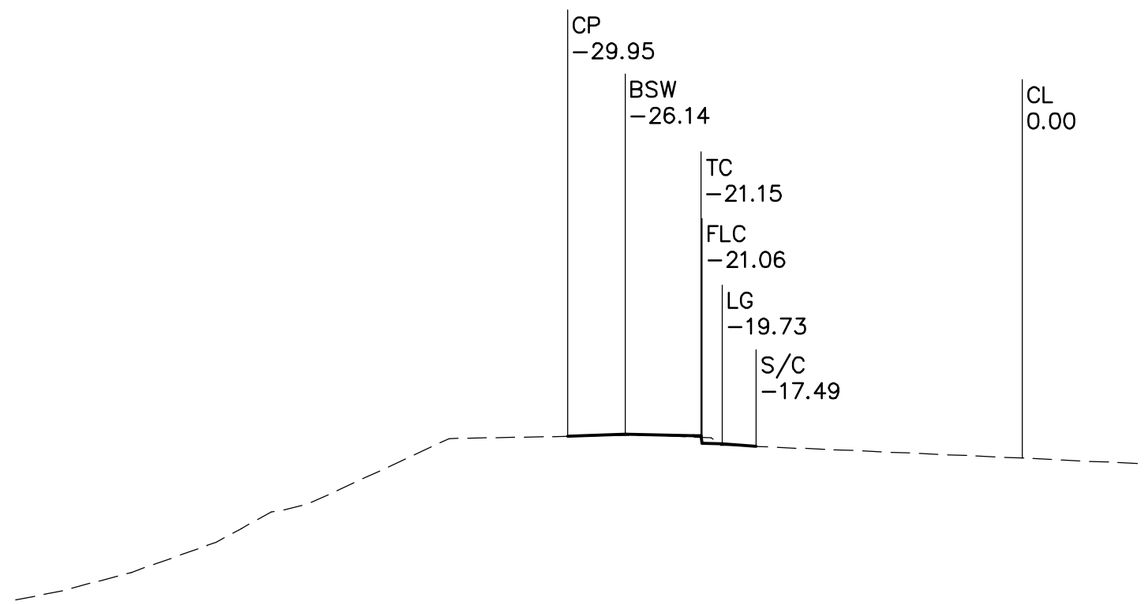
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1

CROSS SECTIONS

ROUTE 4 (EAST) WIDENING

SECTION VIII

"G" LINE – (SHEET 1–50)



"G" LINE
STATION 102+25.00

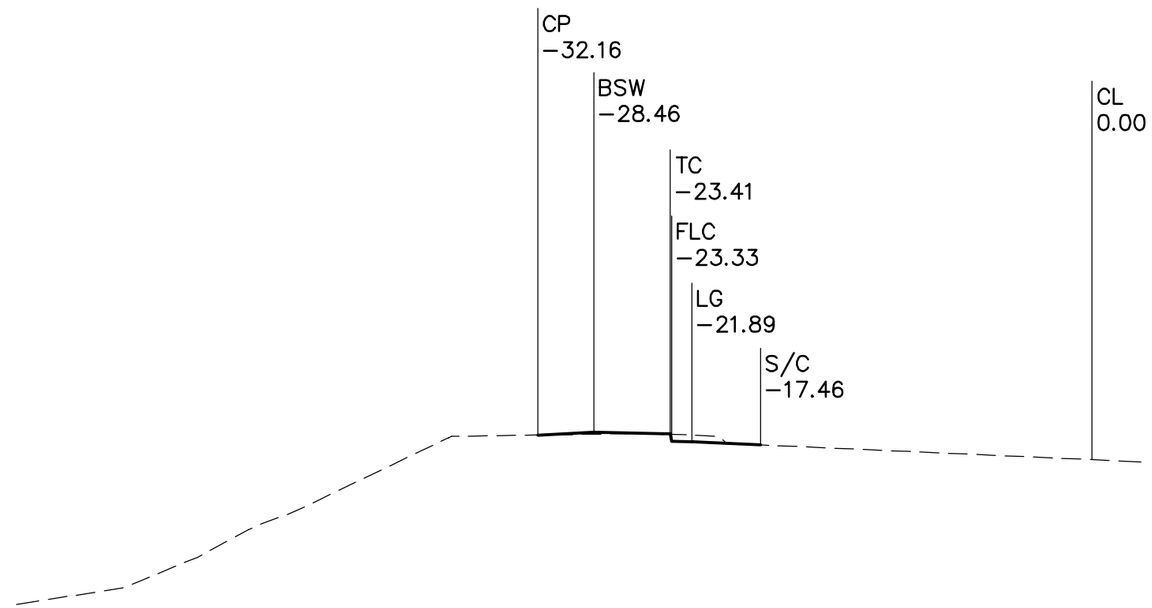
	CP	BSW	TC	FLC	LG	S/C
Elev	56.99	57.15	57.02	56.52	56.48	56.33
Dist	29.95	26.14	21.15	21.06	19.73	17.49
X−Slope	−4.20%	2.61%			6.70%	

LEGEND:

(XX.XX) EXISTING GROUND ELEVATION

ABBREVIATIONS:

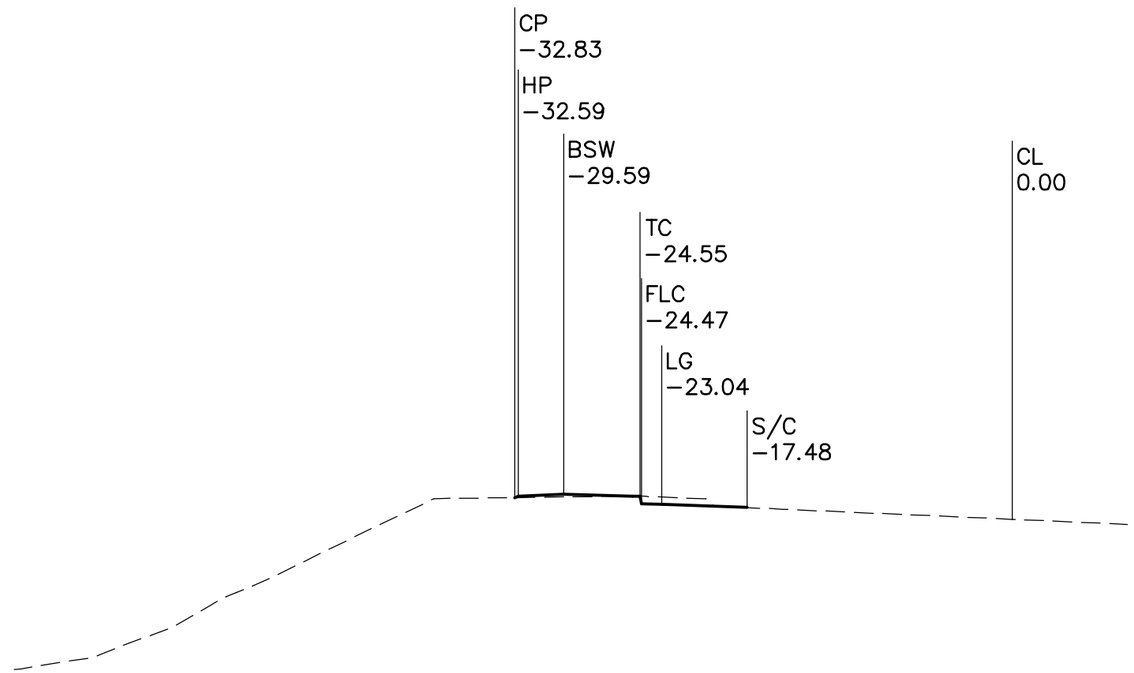
BAR − Barrier Face
BBAR − Back of Barrier
BSW − Back of Sidewalk
BWALL − Back of Wall
CL − Centerline
CP − Catch Point
EC − Edge of Concrete
EG − Edge of Gutter
EP − Edge of Pavement
ES − Edge of Shoulder
ETW − Edge of Traveled Way
FL − Paved or unpaved Flow Line
FLC − Flow Line Curb
FWALL − Face of Wall
GB − Grade Break
HP − Hinge Point
ML − Match Line
LG − Lip of Gutter
P − Pavement
PG − Profile Grade
R/W − Right of Way
RW LOL − Retaining Wall Layout Line
S/C − Saw Cut Line
SW LOL − Sound Wall Layout Line
TBAR − Top of Barrier
TC − Top of Curb
TDITCH − Top of Ditch
TE − Top of Embankment
TGT − Top of Gutter
TOD − Top of Dike
TSW − Top of Swale



"G" LINE
STATION 102+42.46

	CP	BSW	TC	FLC	LG	S/C
Elev	58.07	58.25	58.15	57.65	57.62	57.41
Dist	32.16	28.46	23.41	23.33	21.89	17.46
X−Slope	−4.86%	1.98%			4.74%	

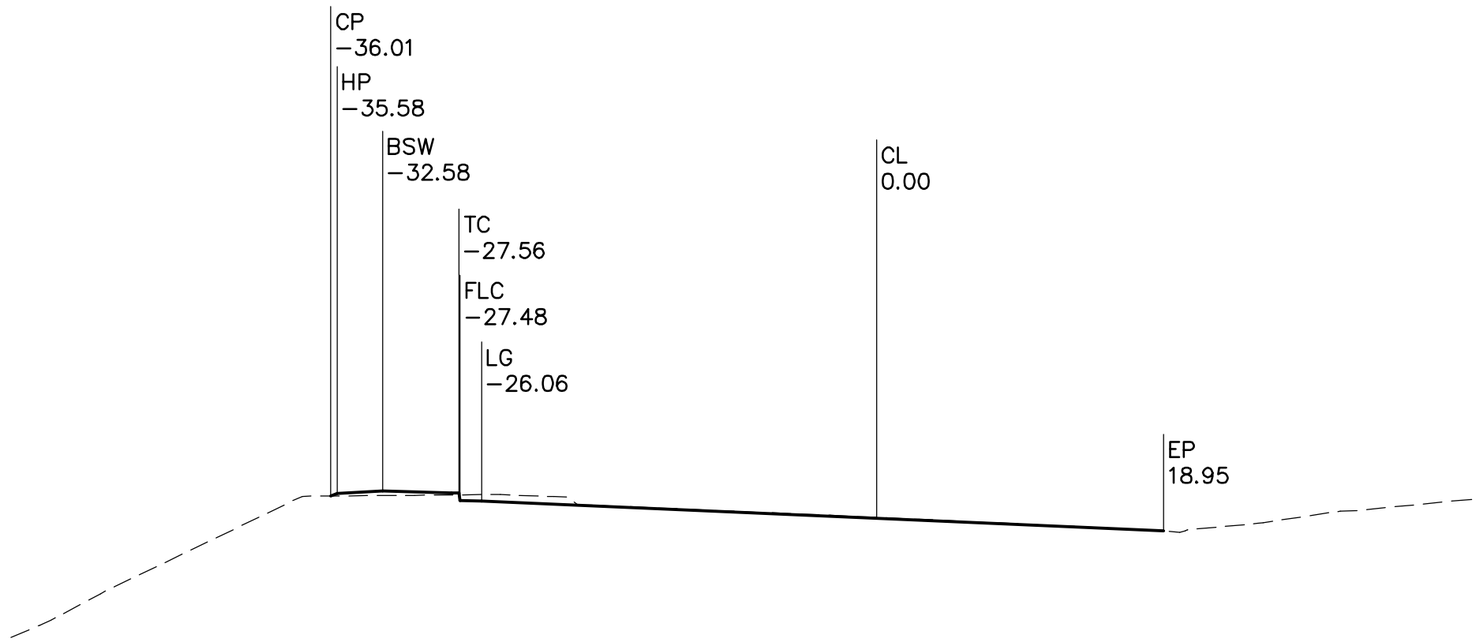
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"G" LINE
STATION 102+50.00

	CP	HP	BSW	TC	FLC	LG	S/C
Elev	58.55	58.62	58.77	58.63	58.13	58.10	57.88
Dist	32.83	32.59	29.59	24.55	24.47	23.04	17.48
X−Slope	−29.17%	−5.00%	2.78%			3.96%	

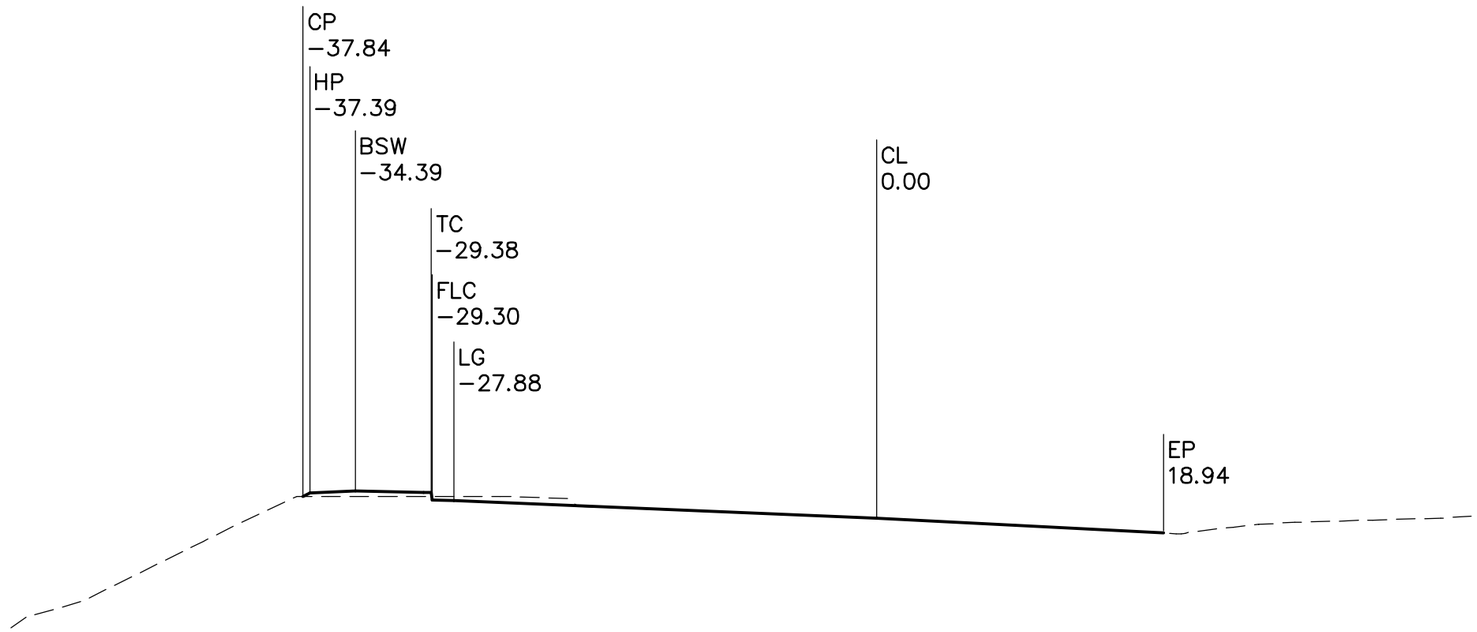
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"G" LINE
STATION 102+75.00

	CP	HP	BSW	TC	FLC	LG	CL	EP
Elev	60.20	60.39	60.54	60.41	59.91	59.87	58.73	57.90
Dist	36.01	35.58	32.58	27.56	27.48	26.06	0	18.95
X−Slope	−44.19%	−5.00%	2.59%			4.37%		−4.38%

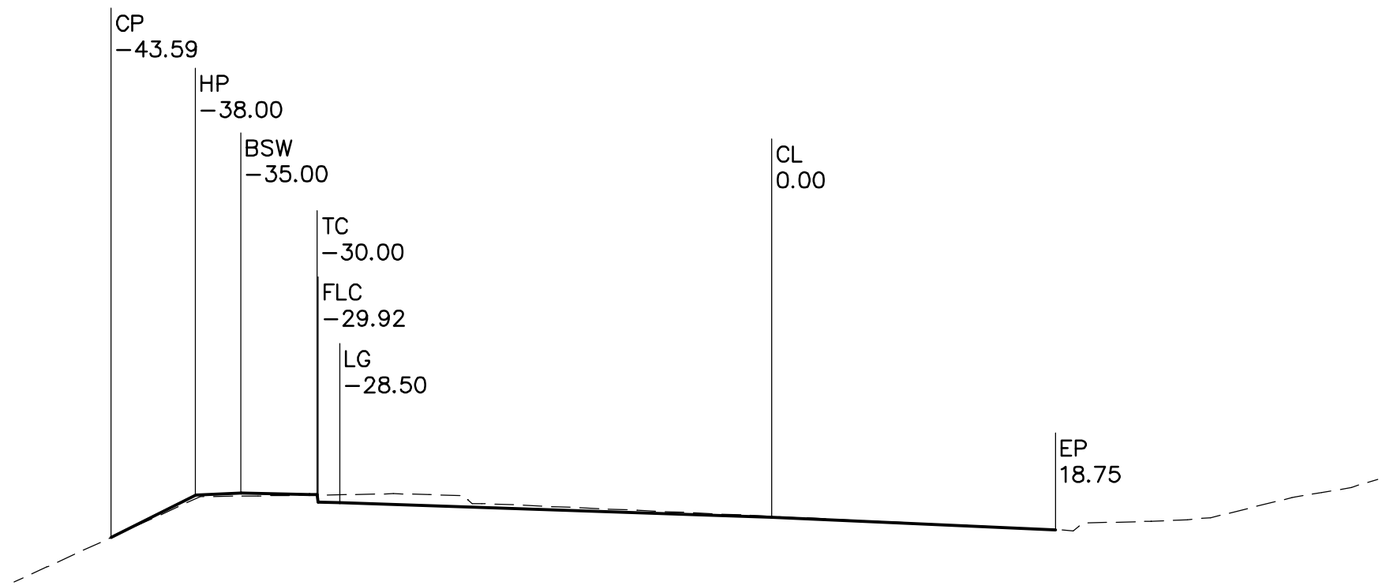
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"G" LINE
STATION 103+00.00

	CP	HP	BSW	TC	FLC	LG	CL	EP
Elev	61.93	62.15	62.30	62.19	61.69	61.66	60.49	59.54
Dist	37.84	37.39	34.39	29.38	29.30	27.88	0	18.94
X−Slope	−48.89%	−5.00%	2.20%			4.20%		−5.02%

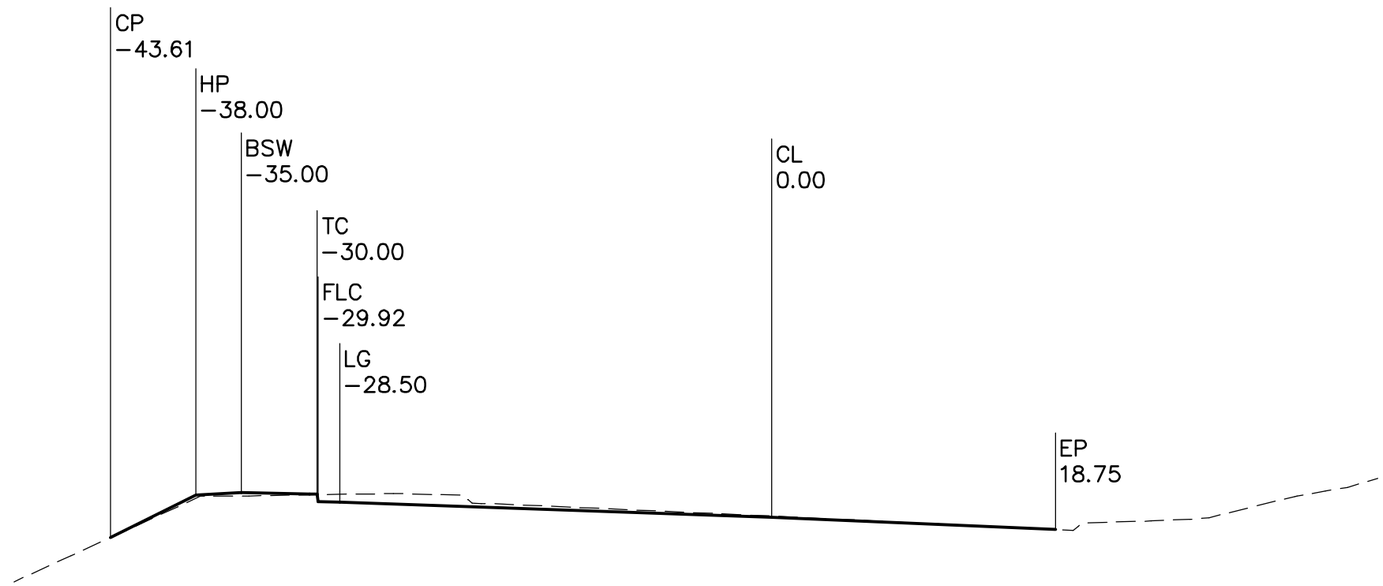
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"G" LINE
STATION 103+25.00

	CP	HP	BSW	TC	FLC	LG	CL	EP
Elev	60.69	63.48	63.63	63.53	63.03	63.00	62.03	61.20
Dist	43.59	38.00	35.00	30.00	29.92	28.50	0.00	18.75
X−Slope	−49.91%	−5.00%	2.00%			3.40%		−4.43%

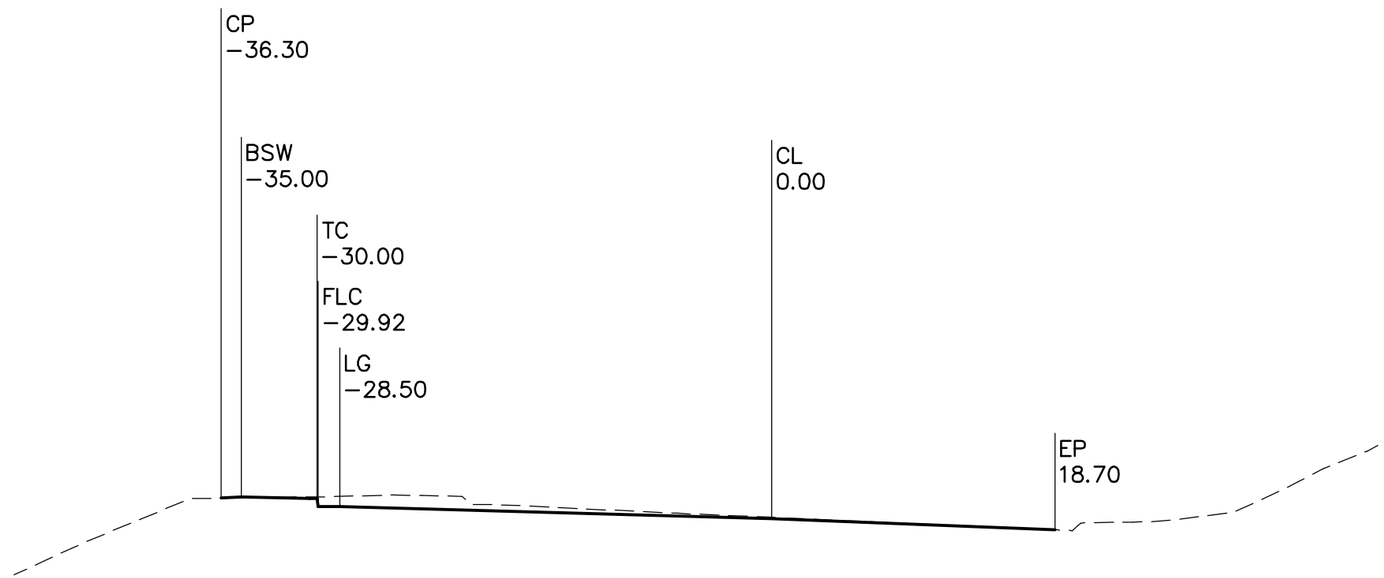
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"G" LINE
STATION 103+25.24

	CP	HP	BSW	TC	FLC	LG	CL	EP
Elev	60.69	63.50	63.65	63.55	63.05	63.02	62.04	61.22
Dist	43.61	38.00	35.00	30.00	29.92	28.50	0.00	18.75
X−Slope	−50.09%	−5.00%	2.00%			3.44%		−4.37%

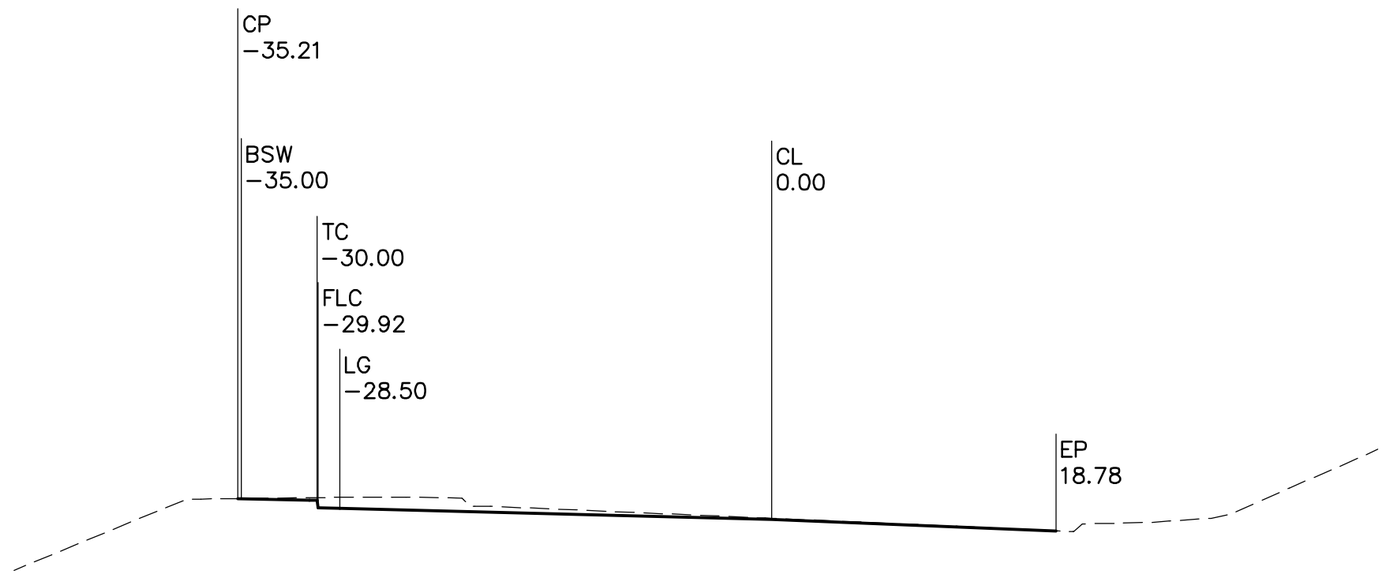
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"G" LINE
STATION 103+50.00

	CP	BSW	TC	FLC	LG	CL	EP
Elev	64.91	64.98	64.88	64.38	64.35	63.57	62.82
Dist	36.30	35.00	30.00	29.92	28.50	0.00	18.70
X−Slope	−5.38%	2.00%			2.74%		−4.01%

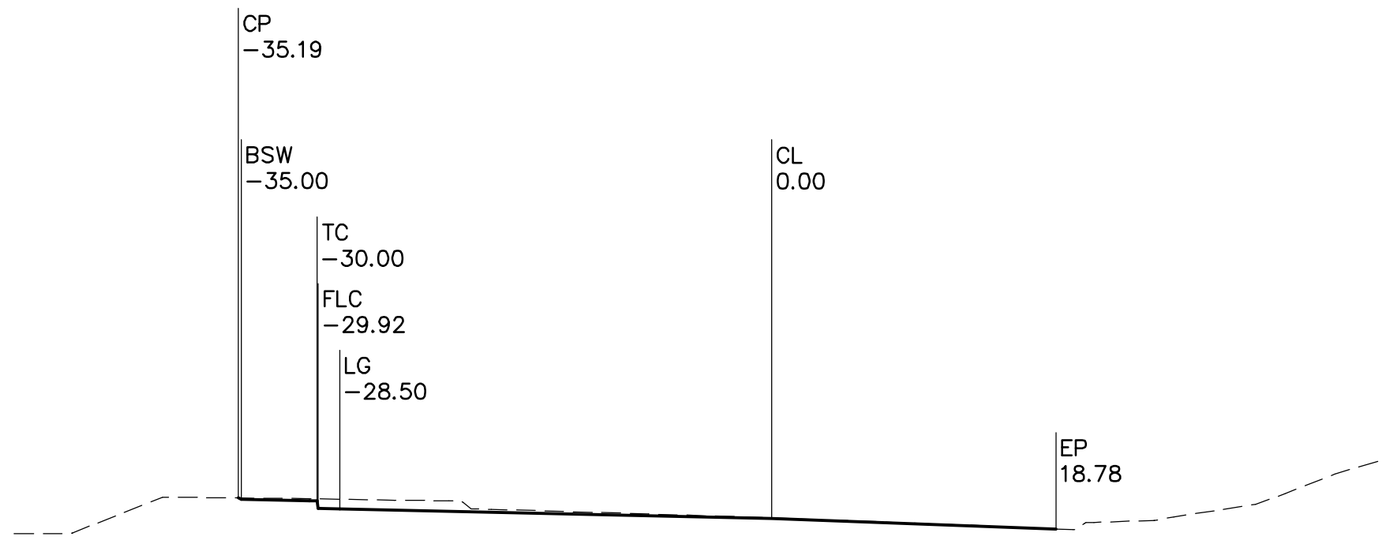
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"G" LINE
STATION 103+55.89

	CP	BSW	TC	FLC	LG	CL	EP
Elev	65.30	65.30	65.20	64.70	64.67	63.93	63.17
Dist	35.21	35.00	30.00	29.92	28.50	0.00	18.78
X−Slope	0.00%	2.00%			2.60%		−4.05%

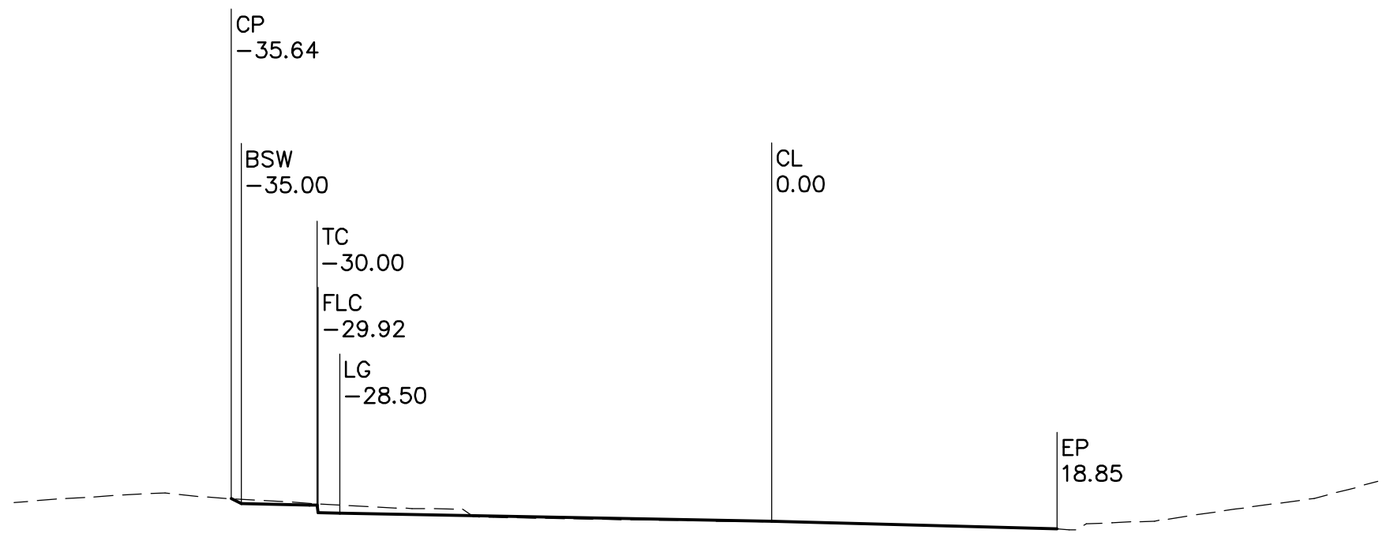
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"G" LINE
STATION 103+75.00

	CP	BSW	TC	FLC	LG	CL	EP
Elev	66.42	66.32	66.22	65.72	65.69	65.08	64.36
Dist	35.19	35.00	30.00	29.92	28.50	0.00	18.78
X−Slope	52.63%	2.00%			2.14%		−3.83%

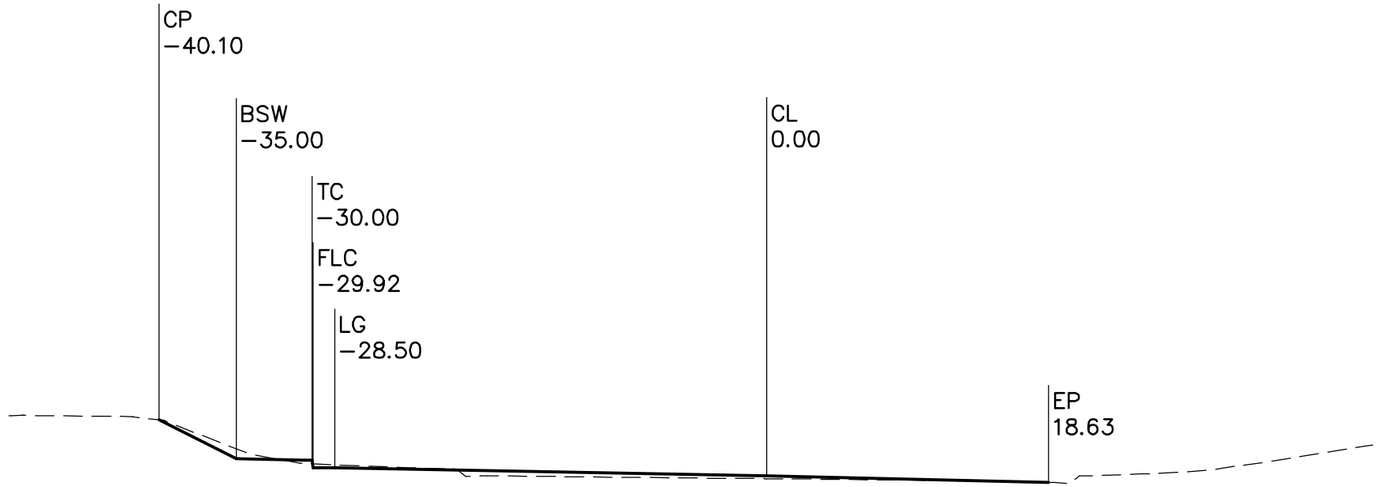
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"G" LINE
STATION 104+00.00

	CP	BSW	TC	FLC	LG	CL	EP
Elev	67.99	67.67	67.57	67.07	67.04	66.51	65.98
Dist	35.64	35.00	30.00	29.92	28.50	0.00	18.85
X−Slope	50.00%	2.00%			1.86%		−2.81%

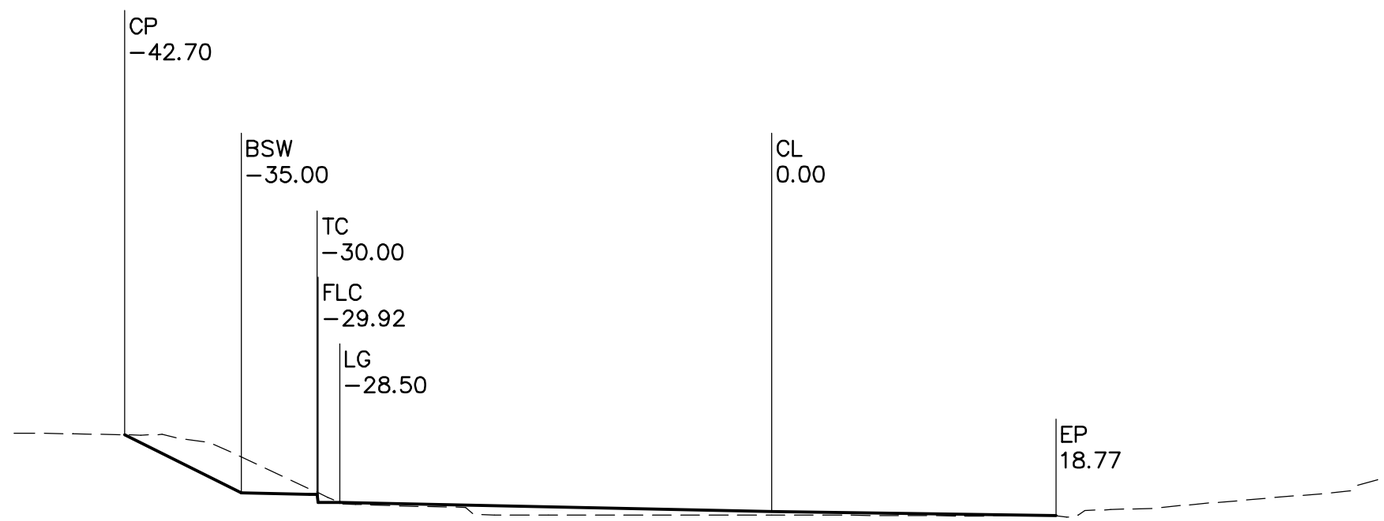
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"G" LINE
STATION 104+25.00

	CP	BSW	TC	FLC	LG	CL	EP
Elev	71.56	69.01	68.91	68.41	68.38	67.85	67.45
Dist	40.10	35.00	30.00	29.92	28.50	0.00	18.63
X−Slope	50.00%	2.00%			1.86%		−2.15%

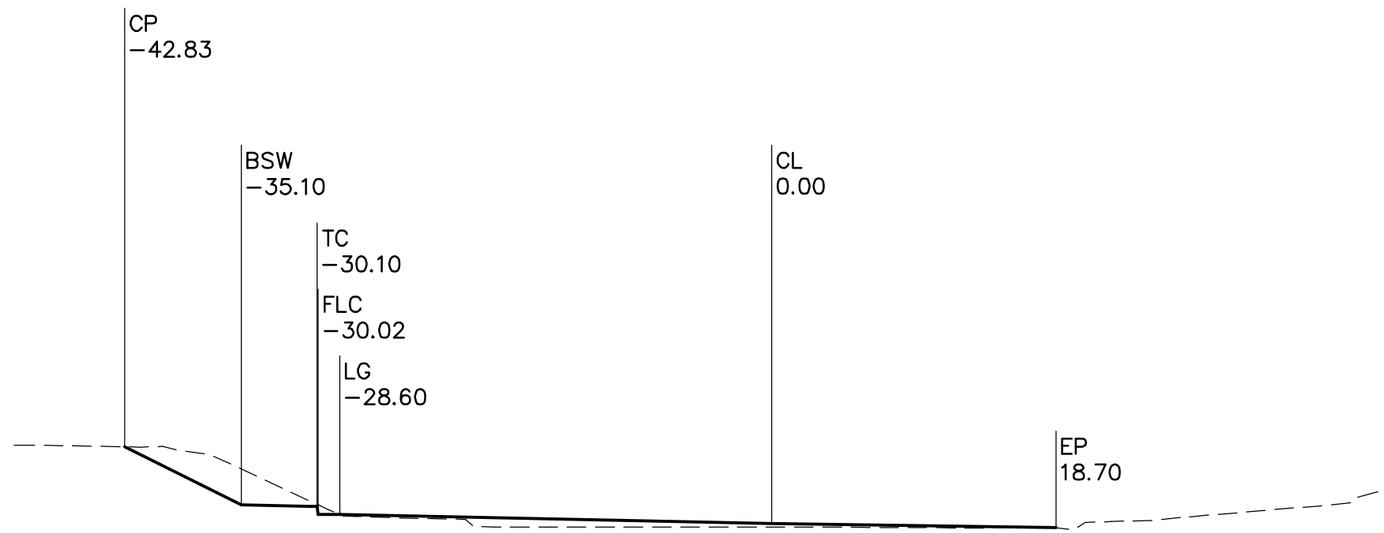
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"G" LINE
STATION 104+40.56

	CP	BSW	TC	FLC	LG	CL	EP
Elev	73.70	69.85	69.75	69.25	69.22	68.65	68.35
Dist	42.70	35.00	30.00	29.92	28.50	0.00	18.77
X−Slope	50.00%	2.00%			2.00%		−1.60%

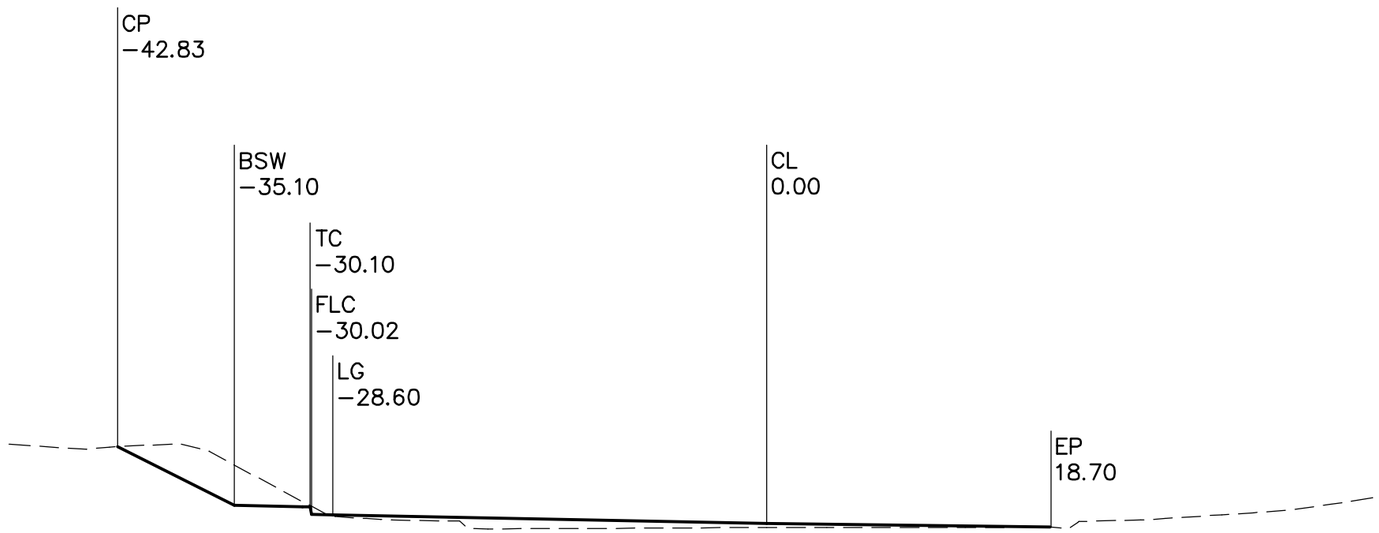
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"G" LINE
STATION 104+40.56

	CP	BSW	TC	FLC	LG	CL	EP
Elev	74.17	70.30	70.20	69.70	69.67	69.11	68.86
Dist	42.83	35.10	30.10	30.02	28.60	0.00	18.70
X−Slope	50.06%	2.00%			1.96%		−1.34%

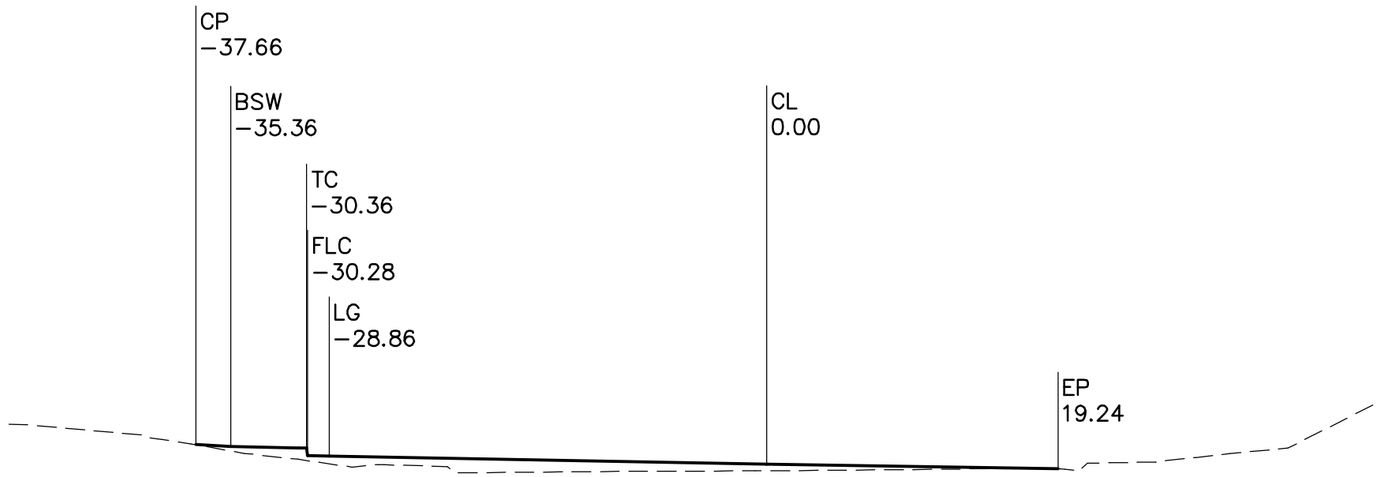
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"G" LINE
STATION 104+50.00

	CP	BSW	TC	FLC	LG	CL	EP
Elev	74.17	70.30	70.20	69.70	69.67	69.11	68.86
Dist	42.83	35.10	30.10	30.02	28.60	0.00	18.70
X−Slope	50.06%	2.00%			1.96%		−1.34%

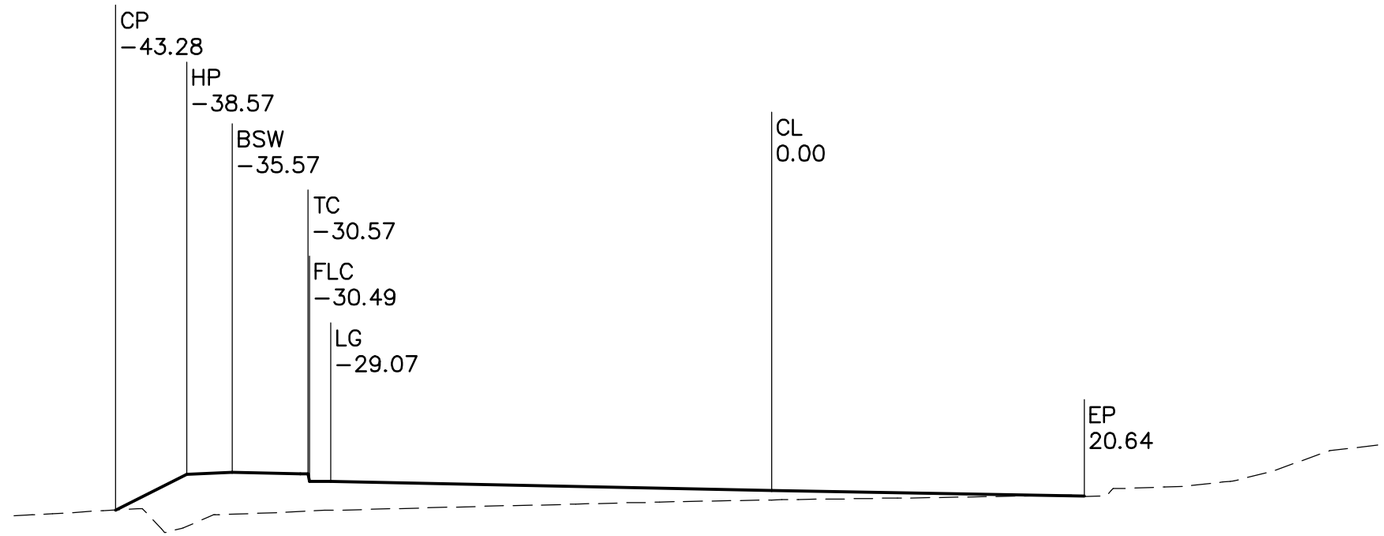
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"G" LINE
STATION 104+75.00

	CP	BSW	TC	FLC	LG	CL	EP
Elev	71.56	71.44	71.34	70.84	70.81	70.28	69.96
Dist	37.66	35.36	30.36	30.28	28.86	0.00	19.24
X−Slope	5.22%	2.00%			1.84%		−1.66%

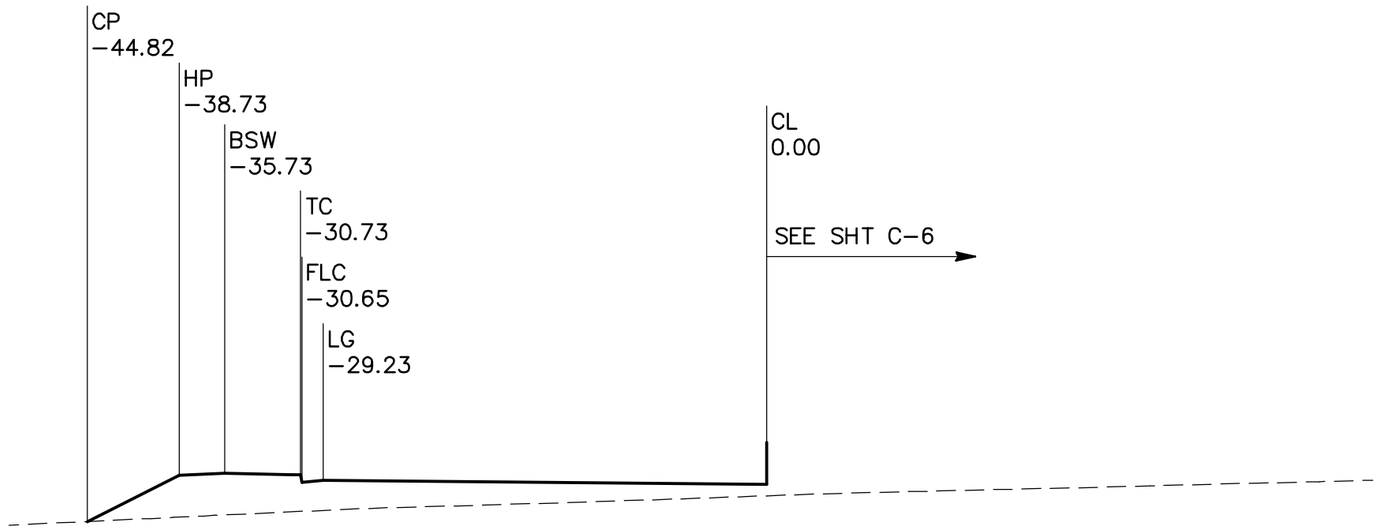
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"G" LINE
STATION 105+00.00

	CP	HP	BSW	TC	FLC	LG	CL	EP
Elev	70.08	72.43	72.58	72.48	71.98	71.95	71.37	70.98
Dist	43.28	38.57	35.57	30.57	30.49	29.07	0.00	20.64
X−Slope	−49.89%	−5.00%	2.00%			2.00%		−1.89%

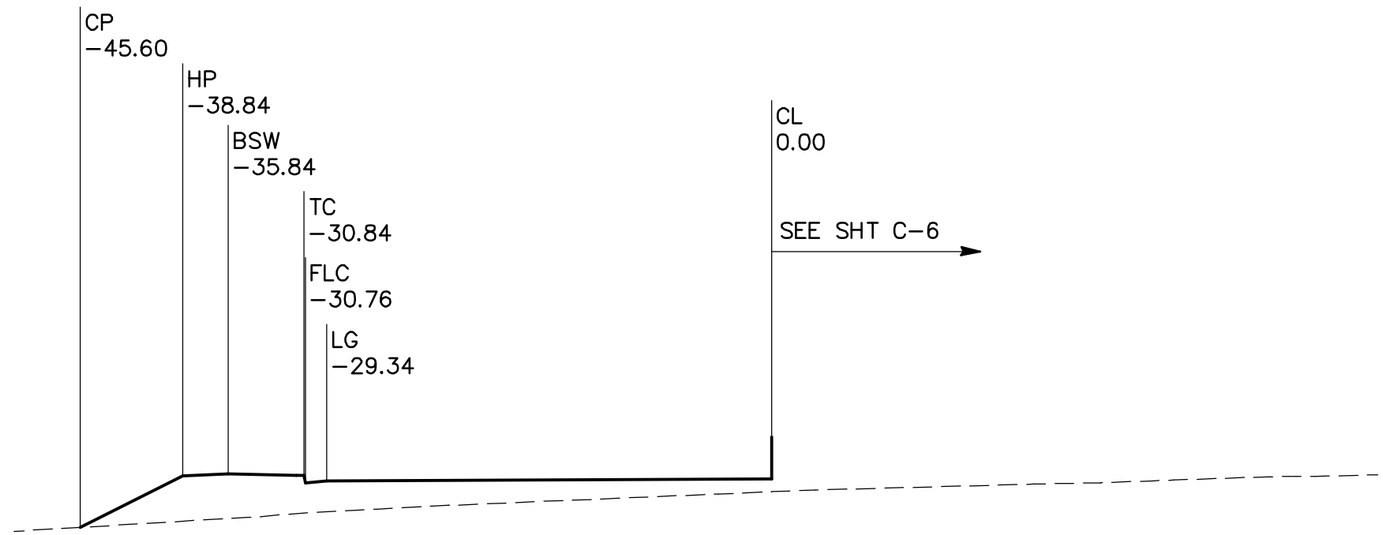
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"G" LINE
STATION 105+25.00

	CP	HP	BSW	TC	FLC	LG	CL	SEE SHT C−6
Elev	69.91	72.96	73.11	73.01	72.51	72.64	72.37	
Dist	44.82	38.73	35.73	30.73	30.65	29.23	0.00	
X−Slope	−50.08%	−5.00%	2.00%			0.92%		

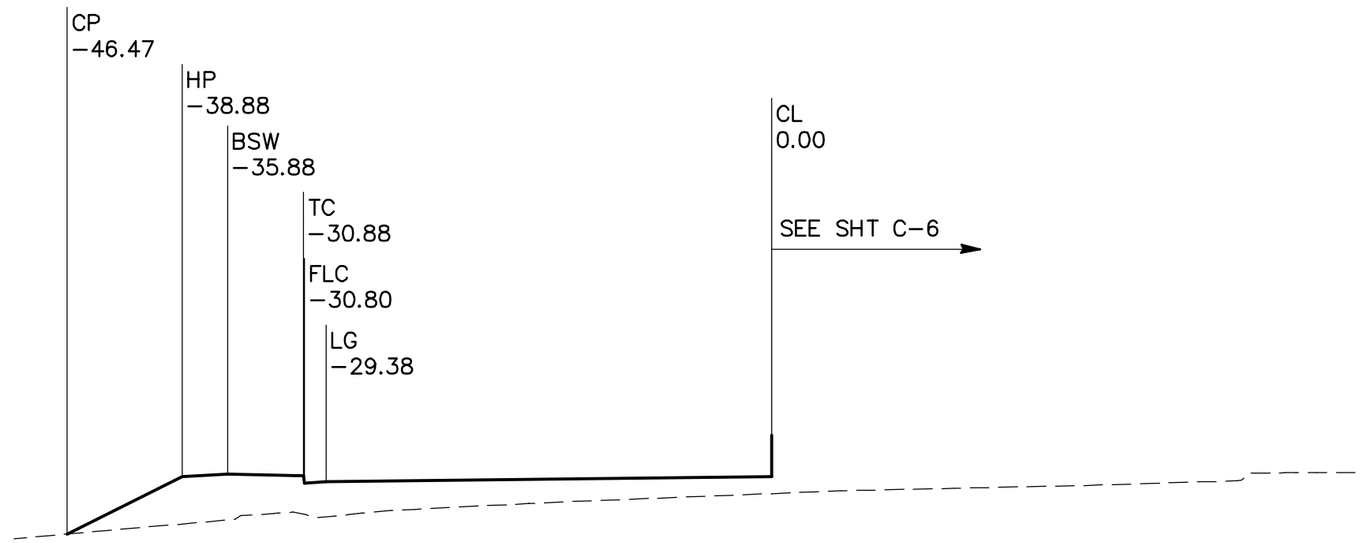
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"G" LINE
STATION 105+50.00

	CP	HP	BSW	TC	FLC	LG	CL	SEE SHT C−6
Elev	70.10	73.48	73.63	73.53	73.03	73.16	73.29	
Dist	45.60	38.84	35.84	30.84	30.76	29.34	0.00	
X−Slope	−50.00%	−5.00%	2.00%			−0.44%		

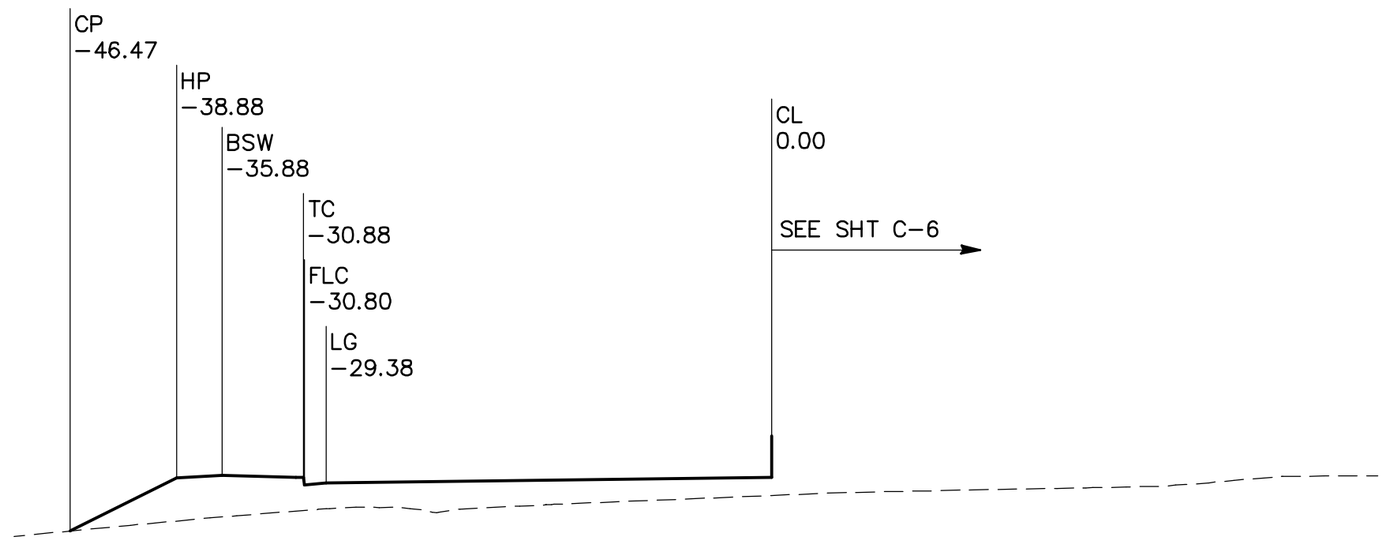
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"G" LINE
STATION 105+68.52

	CP	HP	BSW	TC	FLC	LG	CL	SEE SHT C−6
Elev	70.14	73.93	74.08	73.98	73.48	73.61	73.92	
Dist	46.47	38.88	35.88	30.88	30.80	29.38	0.00	
X−Slope	−49.93%	−5.00%	2.00%			−1.06%		

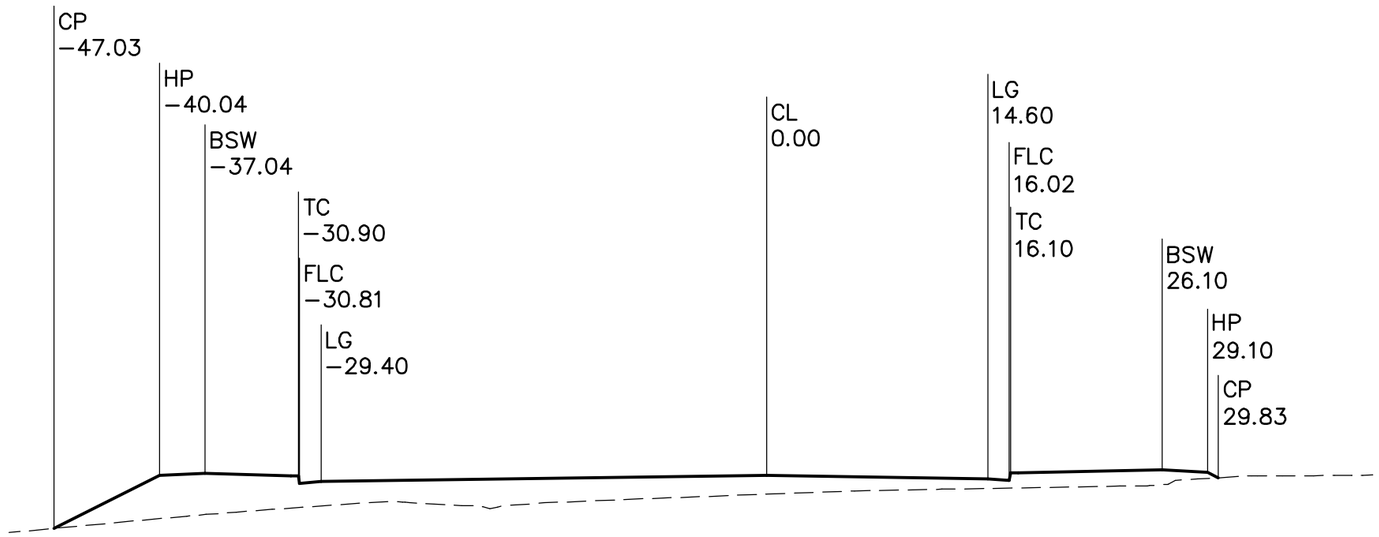
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"G" LINE
STATION 105+75.00

	CP	HP	BSW	TC	FLC	LG	CL	SEE SHT C−6
Elev	70.60	74.11	74.26	74.13	73.63	73.76	74.12	
Dist	46.29	39.26	36.26	30.89	30.81	29.39	0.00	
X−Slope	−49.93%	−5.00%	2.42%			−1.22%		

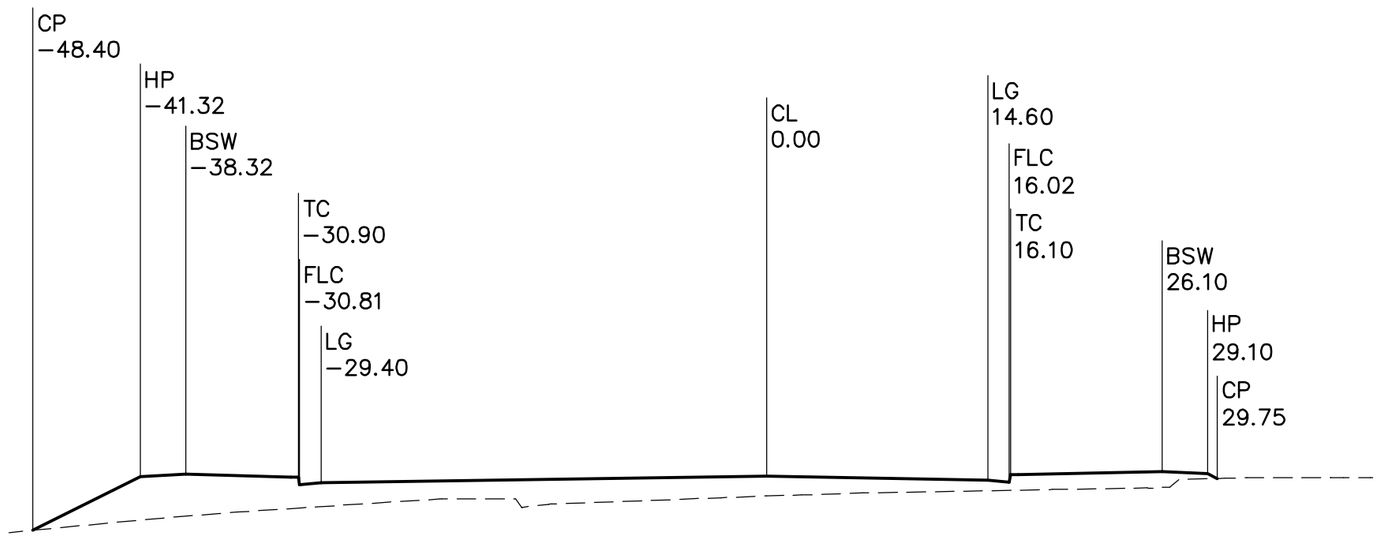
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"G" LINE
STATION 105+79.85

	CP	HP	BSW	TC	FLC	LG	CL	LG	FLC	TC	BSW	HP	CP
Elev	70.76	74.26	74.41	74.25	73.75	73.88	74.27	74.05	73.92	74.42	74.62	74.47	74.11
Dist	47.03	40.04	37.04	30.90	30.81	29.40	0.00	14.60	16.02	16.10	26.10	29.10	29.83
X−Slope	−50.07%	−5.00%	2.61%			−1.33%		−1.51%			2.00%	−5.00%	−49.32%

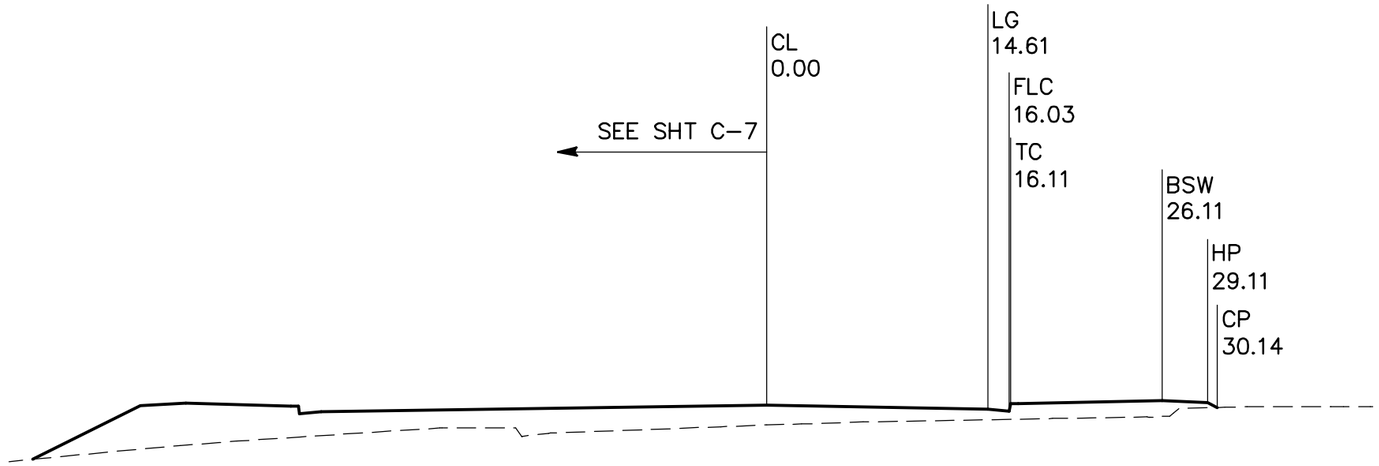
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"G" LINE
STATION 105+84.91

	CP	HP	BSW	TC	FLC	LG	CL	LG	FLC	TC	BSW	HP	CP
Elev	70.87	74.41	74.56	74.37	73.87	74.00	74.43	74.18	74.05	74.55	74.75	74.60	74.28
Dist	48.40	41.32	38.32	30.90	30.81	29.40	0.00	14.60	16.02	16.10	26.10	29.10	29.75
X−Slope	−50.00%	−5.00%	2.56%			−1.46%		−1.71%			2.00%	−5.00%	−49.23%

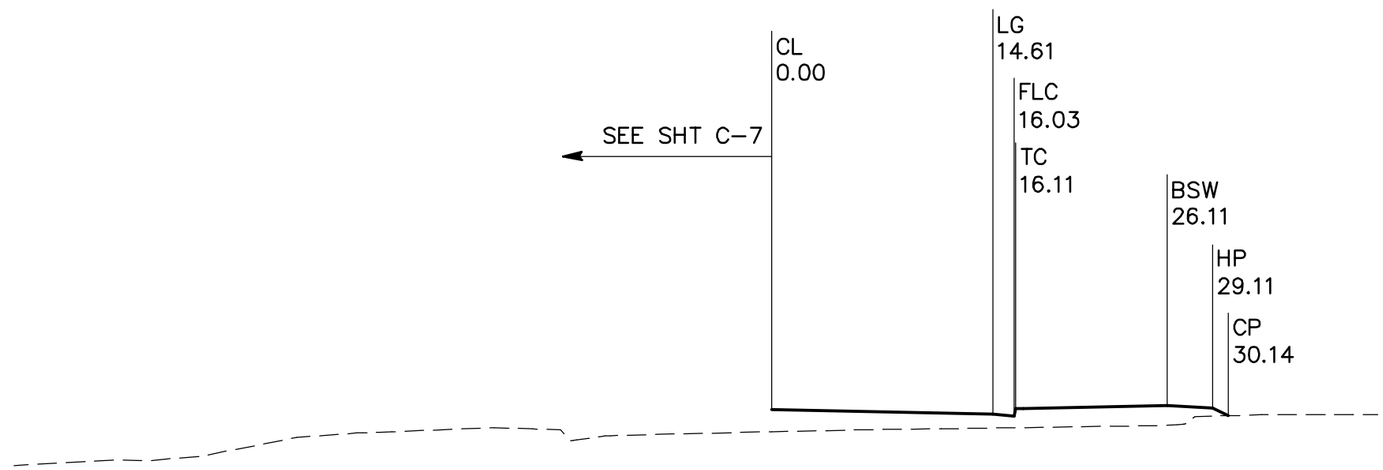
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"G" LINE
STATION 105+84.91

	SEE SHT C-7	CL	LG	FLC	TC	BSW	HP	CP
Elev		74.87	74.56	74.43	74.93	75.13	74.98	74.46
Dist		0.00	14.61	16.03	16.11	26.11	29.11	30.14
X-Slope			-2.12%			2.00%	-5.00%	-50.49%

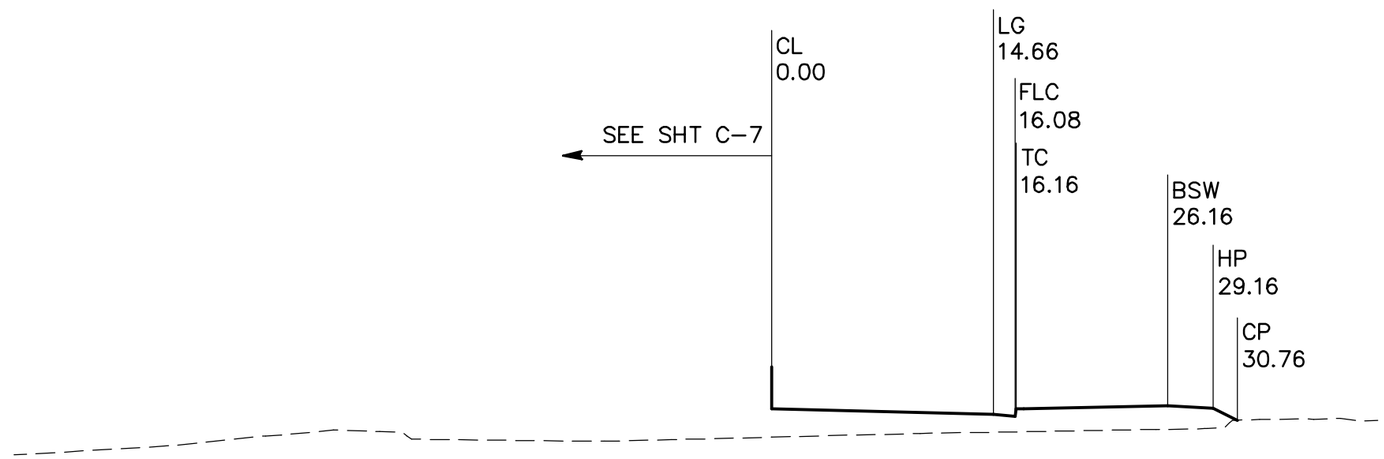
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"G" LINE
STATION 106+00.00

	SEE SHT C-7	CL	LG	FLC	TC	BSW	HP	CP
Elev		74.87	74.56	74.43	74.93	75.13	74.98	74.46
Dist		0.00	14.61	16.03	16.11	26.11	29.11	30.14
X-Slope			-2.12%			2.00%	-5.00%	-50.49%

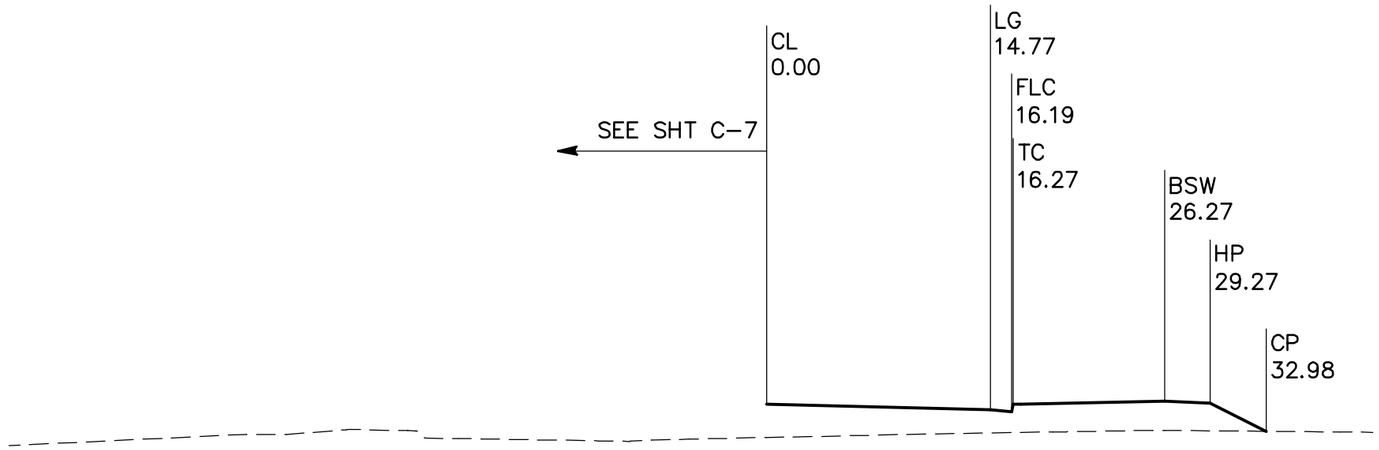
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"G" LINE
STATION 106+25.00

	SEE SHT C-7	CL	LG	FLC	TC	BSW	HP	CP
Elev		75.53	75.15	75.02	75.52	75.72	75.57	74.78
Dist		0.00	14.66	16.08	16.16	26.16	29.16	30.76
X-Slope			-2.59%			2.00%	-5.00%	-49.37%

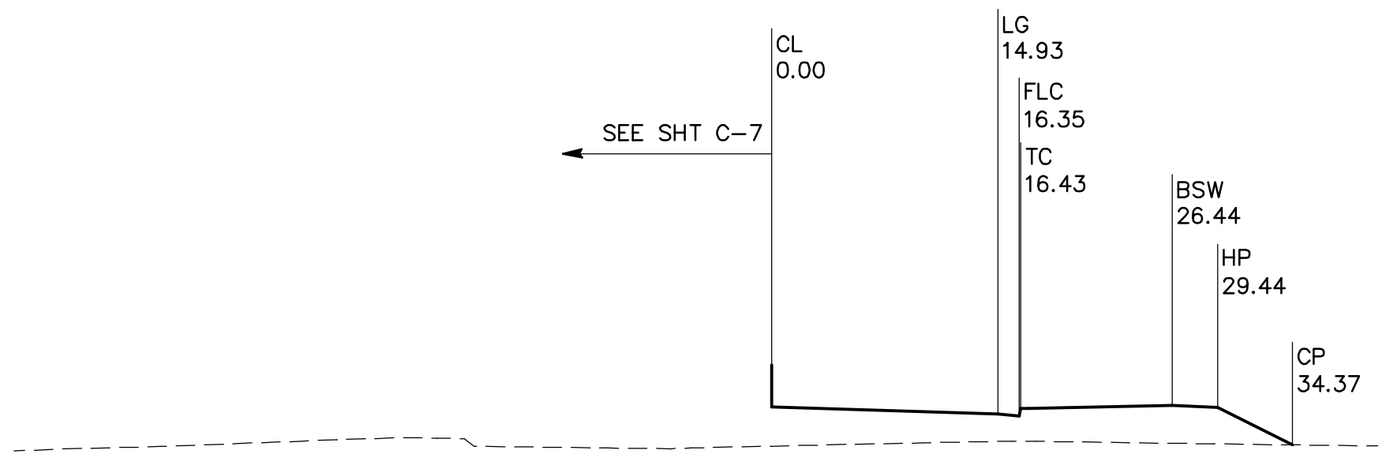
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"G" LINE
STATION 106+50.00

	SEE SHT C-7	CL	LG	FLC	TC	BSW	HP	CP
Elev		76.10	75.75	75.62	76.12	76.32	76.17	74.31
Dist		0.00	14.77	16.19	16.27	26.27	29.27	32.98
X-Slope			-2.37%			2.00%	-5.00%	-50.13%

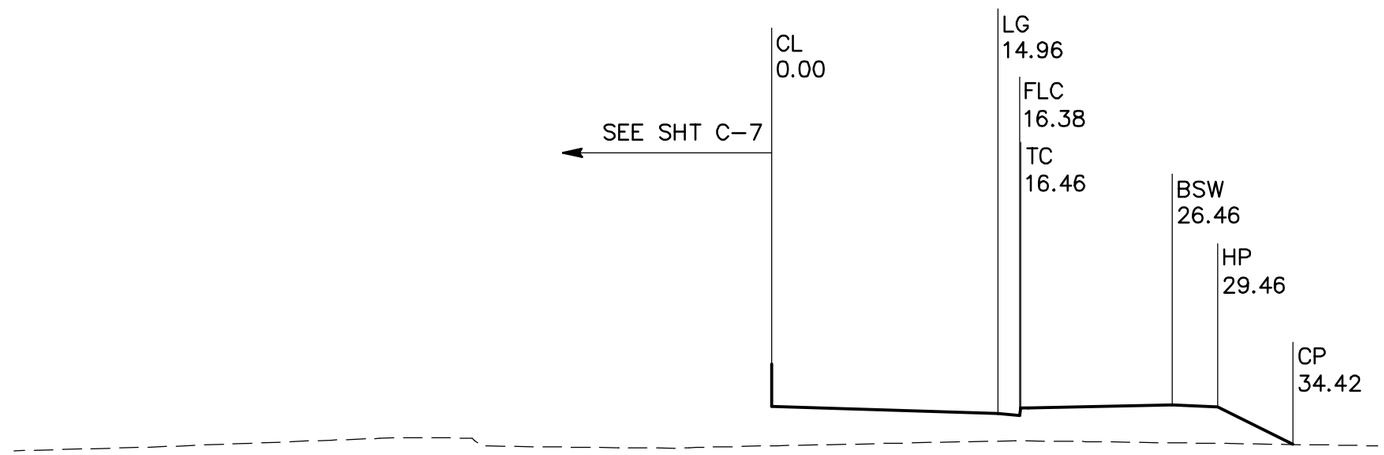
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"G" LINE
STATION 106+75.00

	SEE SHT C-7	CL	LG	FLC	TC	BSW	HP	CP
Elev		76.59	76.14	76.01	76.51	76.71	76.56	74.09
Dist		0.00	14.93	16.35	16.43	26.44	29.44	34.37
X-Slope			-3.01%			2.00%	-5.00%	-50.10%

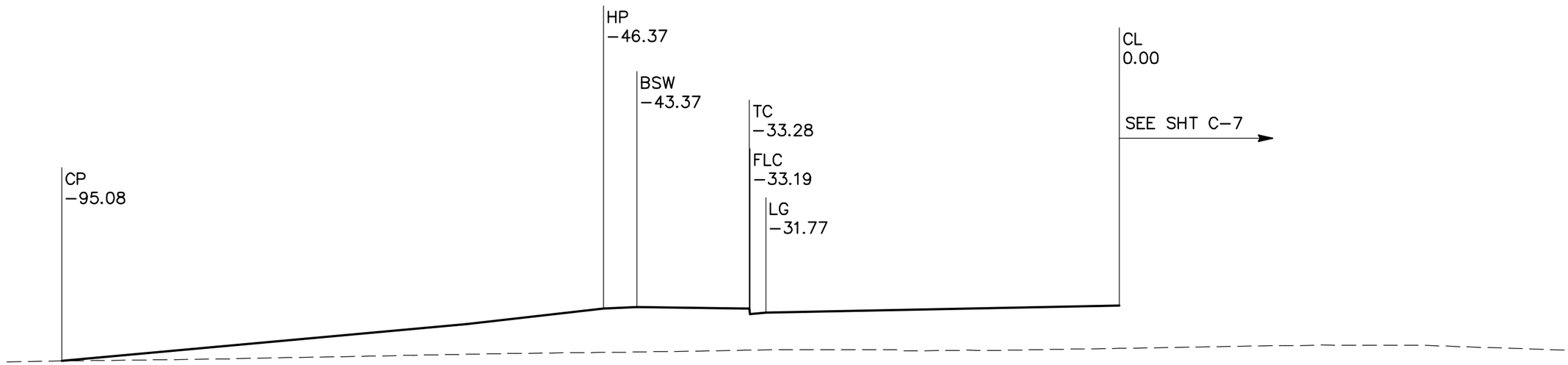
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"G" LINE
STATION 106+78.26

	SEE SHT C-7	CL	LG	FLC	TC	BSW	HP	CP
Elev		76.65	76.18	76.05	76.55	76.75	76.60	74.12
Dist		0.00	14.96	16.38	16.46	26.46	29.46	34.42
X-Slope			-3.14%			2.00%	-5.00%	-50.00%

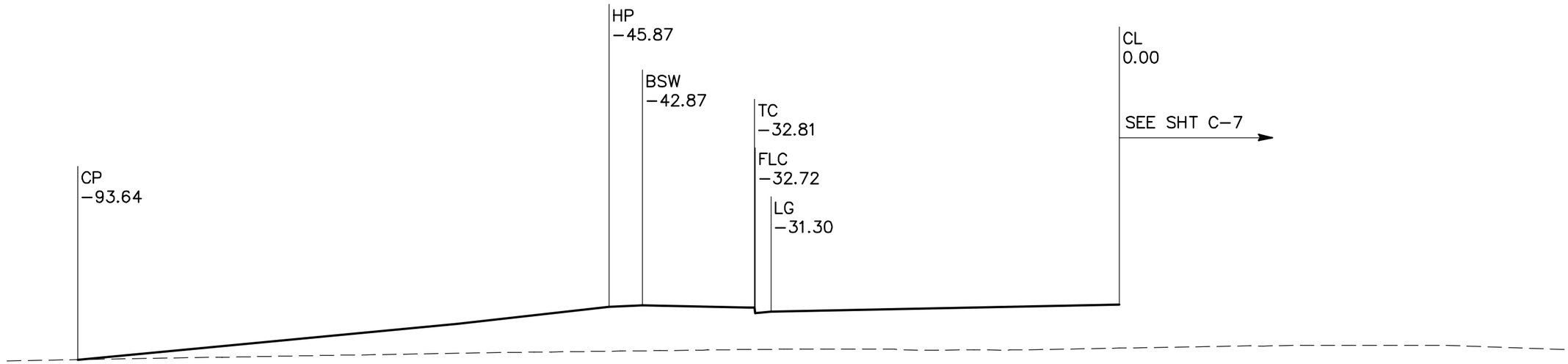
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"G" LINE
STATION 107+45.92

	CP	HP	BSW	TC	FLC	LG	CL	SEE SHT C−7
Elev	72.67	77.38	77.53	77.40	76.90	77.03	77.66	
Dist	95.08	46.37	43.37	33.28	33.19	31.77	0.00	
X−Slope	−9.67%	−5.00%	1.29%			−1.98%		

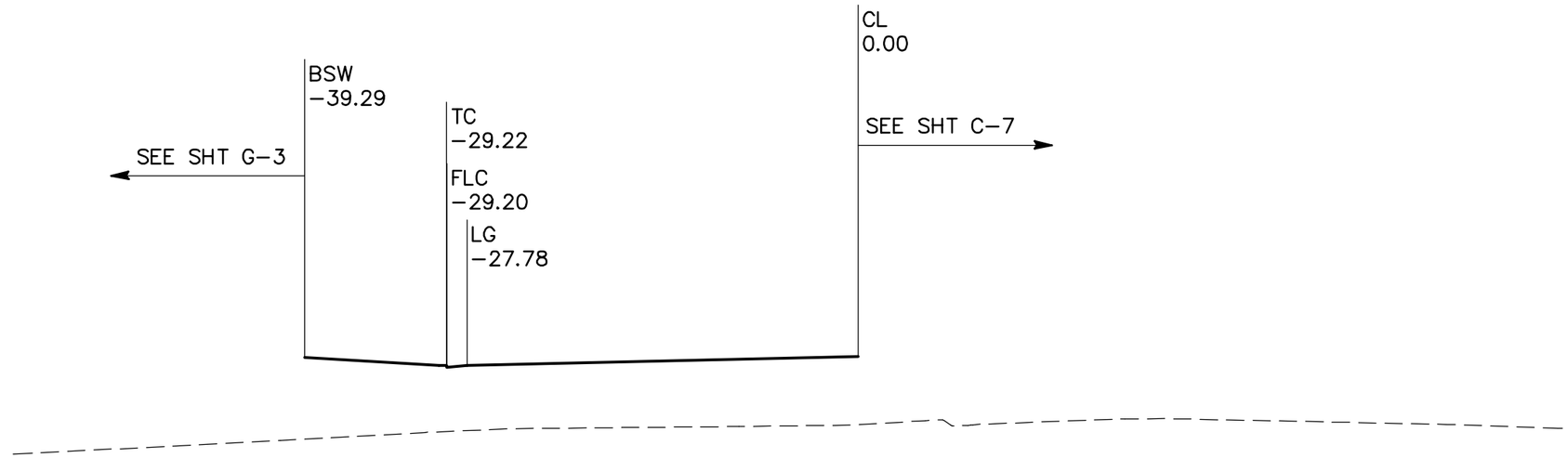
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"G" LINE
STATION 107+50.00

	CP	HP	BSW	TC	FLC	LG	CL	SEE SHT C−7
Elev	72.77	77.51	77.66	77.46	76.96	77.10	77.71	
Dist	93.64	45.87	42.87	32.81	32.72	31.30	0.00	
X−Slope	−9.92%	−5.00%	1.99%			−1.95%		

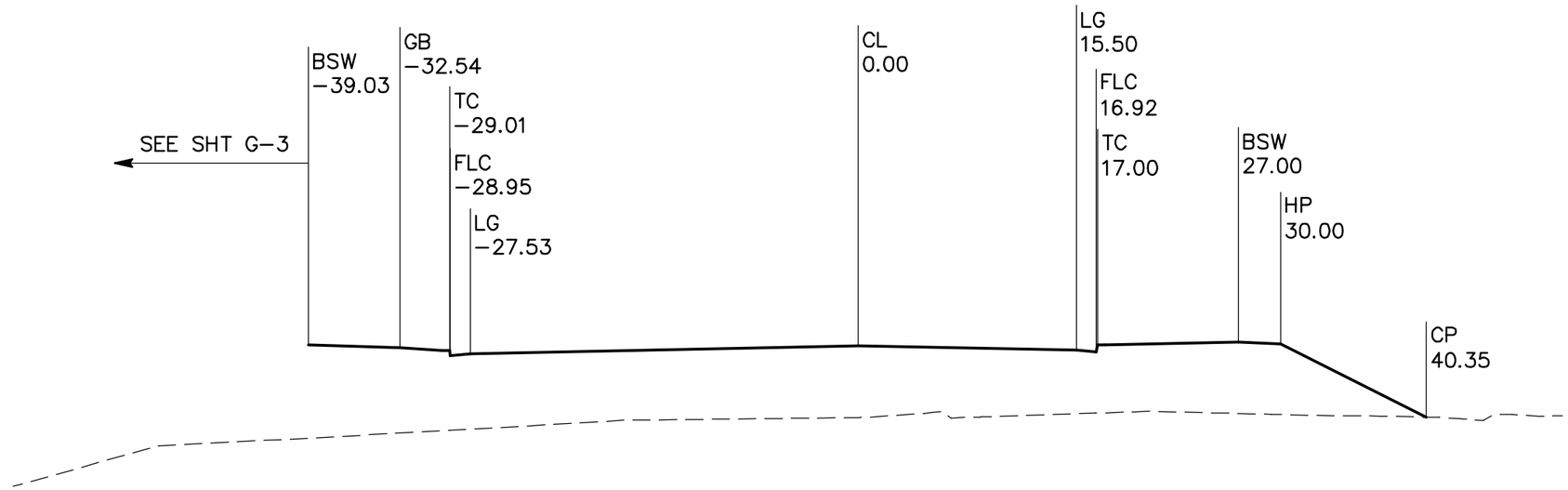
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"G" LINE
STATION 108+00.00

	SEE SHT G−3	BSW	TC	FLC	LG	CL	SEE SHT C−7
Elev		78.05	77.48	77.35	77.48	78.11	
Dist		39.29	29.22	29.20	27.78	0.00	
X−Slope		5.66%			−2.27%		

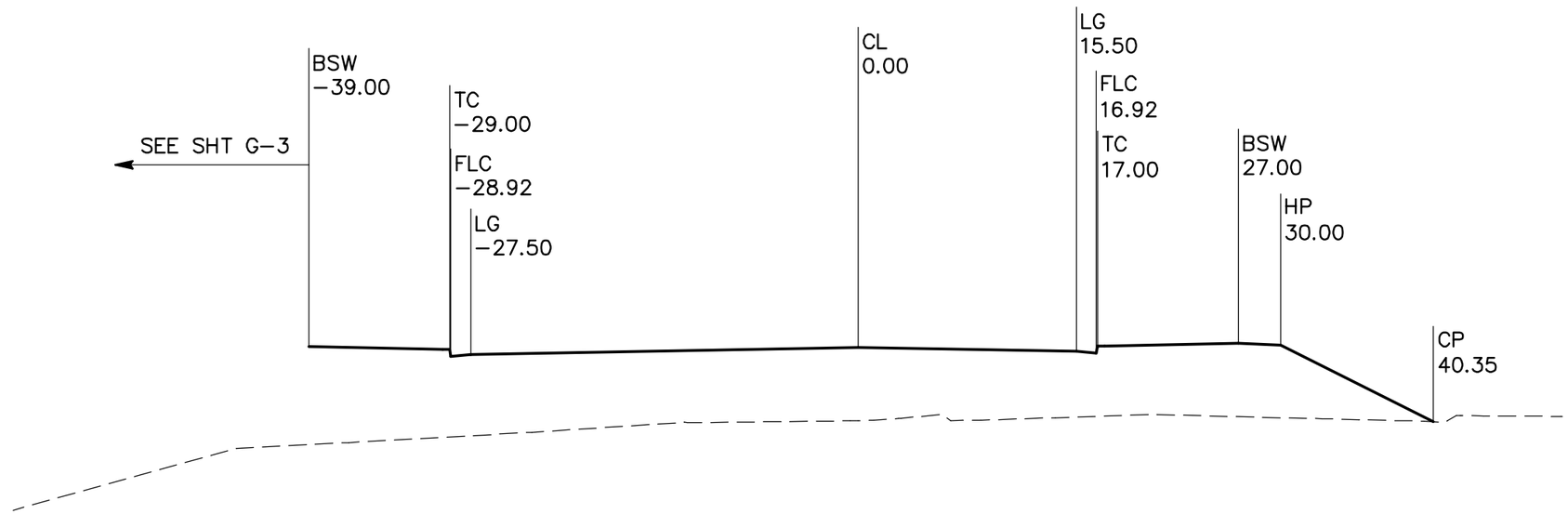
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"G" LINE
STATION 108+12.27

SEE SHT G-3	BSW	GB	TC	FLC	LG	CL	LG	FLC	TC	BSW	HP	CP
Elev	78.21	78.03	77.81	77.44	77.57	78.16	77.85	77.72	78.22	78.42	78.27	73.09
Dist	39.03	32.54	29.01	28.95	27.53	0.00	15.50	16.92	17.00	27.00	30.00	40.35
X-Slope	2.77%	6.23%			-2.14%		-2.00%			2.00%	-5.00%	-50.05%

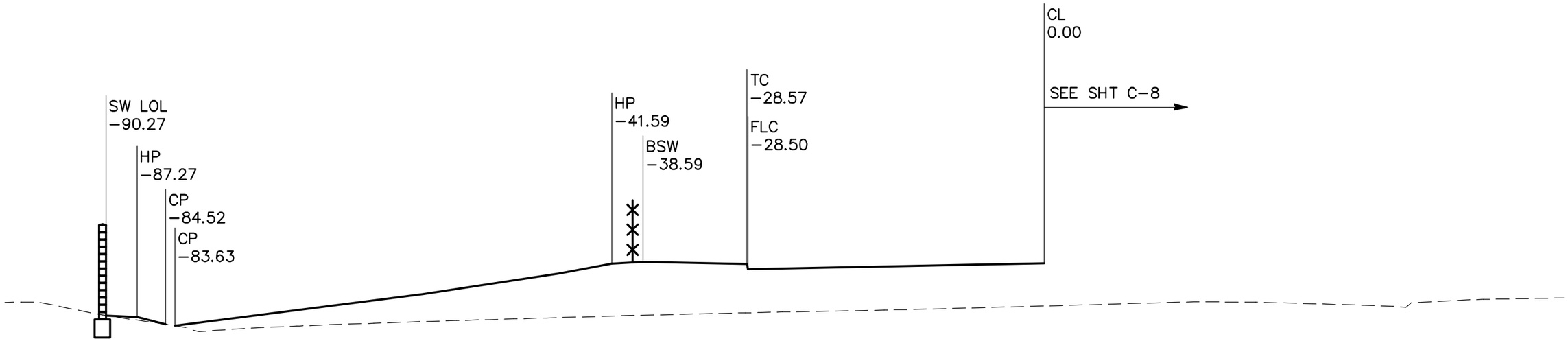
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"G" LINE
STATION 108+18.67

	SEE SHT G-3	BSW	TC	FLC	LG	CL	LG	FLC	TC	BSW	HP	CP
Elev		78.22	78.02	77.52	77.65	78.17	77.89	77.76	78.26	78.46	78.31	72.89
Dist		39.00	29.00	28.92	27.50	0.00	15.50	16.92	17.00	27.00	30.00	40.85
X-Slope		2.00%			-1.89%		-1.81%			2.00%	-5.00%	-49.95%

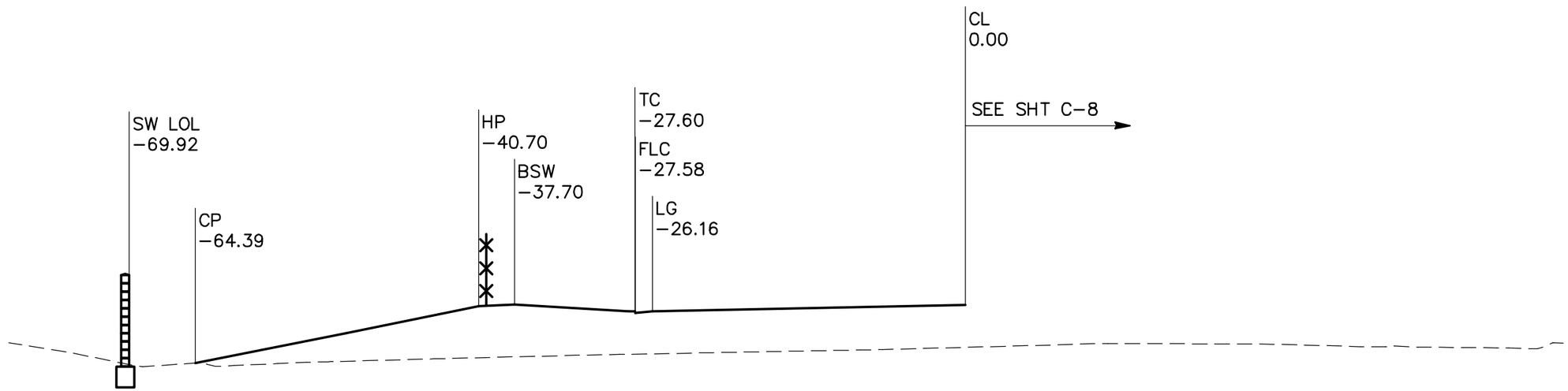
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"G" LINE
STATION 111+50.00

	SW LOL	HP	CP	CP	HP	BSW	TC	FLC	CL	SEE SHT C−8
Elev	65.93	65.78	65.09	64.94	70.92	71.07	70.87	70.37	70.94	
Dist	90.27	87.27	84.52	83.63	41.59	38.59	28.57	28.50	0.00	
X−Slope	5.00%	25.09%		−14.22%	−5.00%	2.00%		−2.00%		

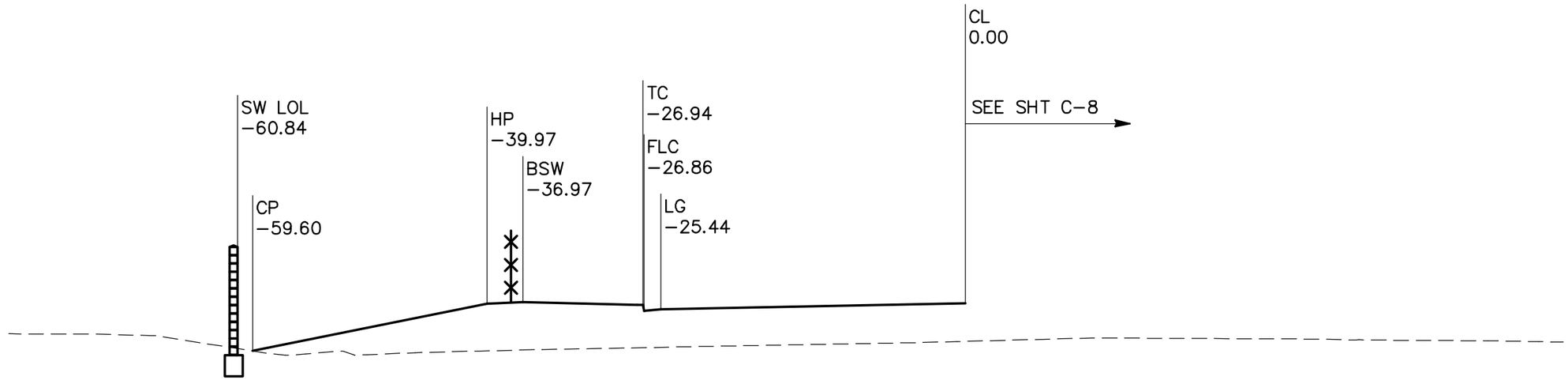
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"G" LINE
STATION 111+64.87

	SW LOL	CP	HP	BSW	TC	FLC	LG	CL	SEE SHT C−8
Elev		65.49	70.25	70.40	69.82	69.70	69.83	70.35	
Dist	69.92	64.39	40.70	37.70	27.60	27.58	26.16	0.00	
X−Slope		−20.09%	−5.00%	5.74%			−1.99%		

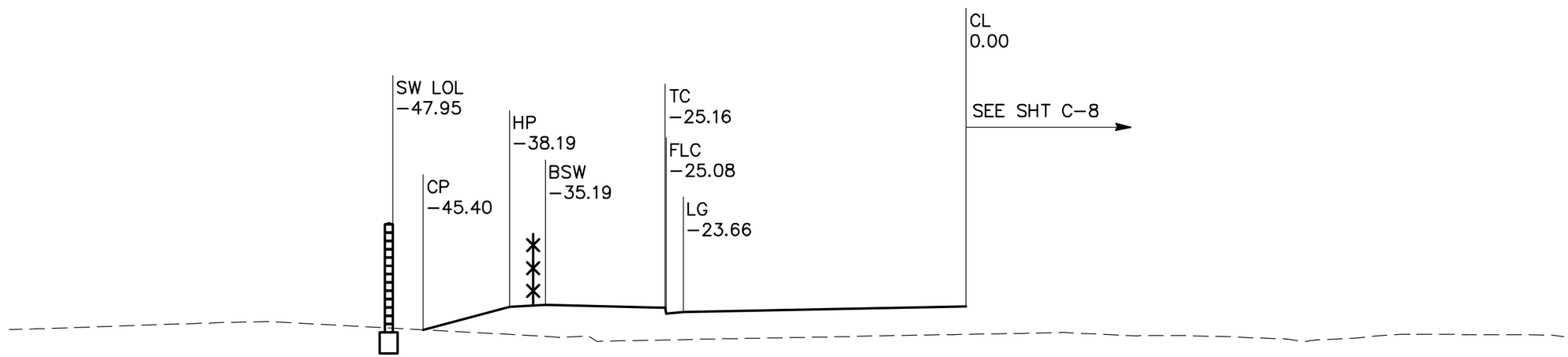
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"G" LINE
STATION 111+75.00

	SW LOL	CP	HP	BSW	TC	FLC	LG	CL	SEE SHT C−8
Elev		65.98	69.91	70.06	69.82	69.32	69.44	69.95	
Dist	60.84	59.60	39.97	36.97	26.94	26.86	25.44	0.00	
X−Slope		−20.02%	−5.00%	2.39%			−2.00%		

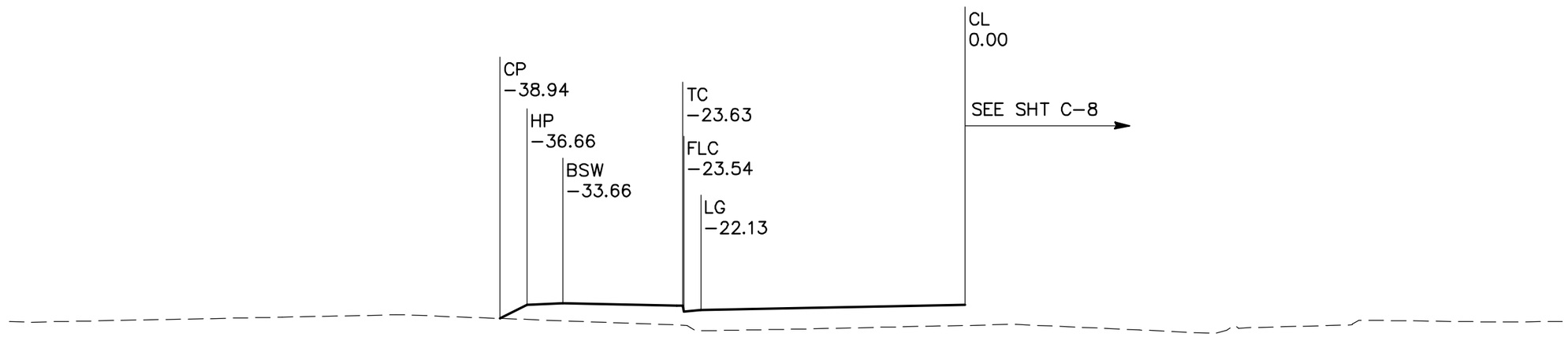
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"G" LINE
STATION 112+00.00

	SW LOL	CP	HP	BSW	TC	FLC	LG	CL	SEE SHT C−8
Elev		67.10	69.02	69.17	68.95	68.45	68.57	69.05	
Dist	47.95	45.40	38.19	35.19	25.16	25.08	23.66	0.00	
X−Slope		−26.63%	−5.00%	2.19%			−2.03%		

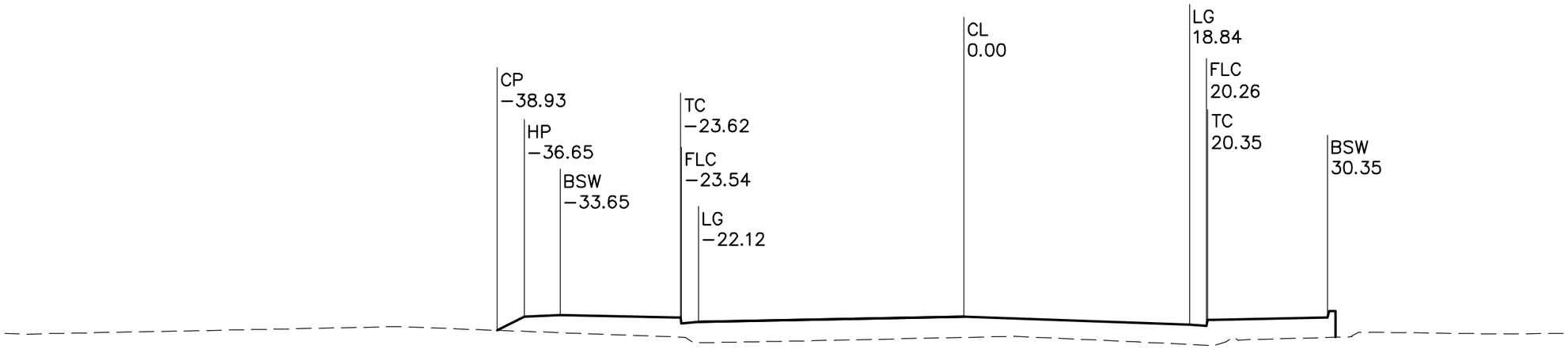
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"G" LINE
STATION 112+21.62

	CP	HP	BSW	TC	FLC	LG	CL	SEE SHT C−8
Elev	67.21	68.35	68.50	68.28	67.78	67.91	68.35	
Dist	38.94	36.66	33.66	23.63	23.54	22.13	0.00	
X−Slope	−50.00%	−5.00%	2.19%			−1.99%		

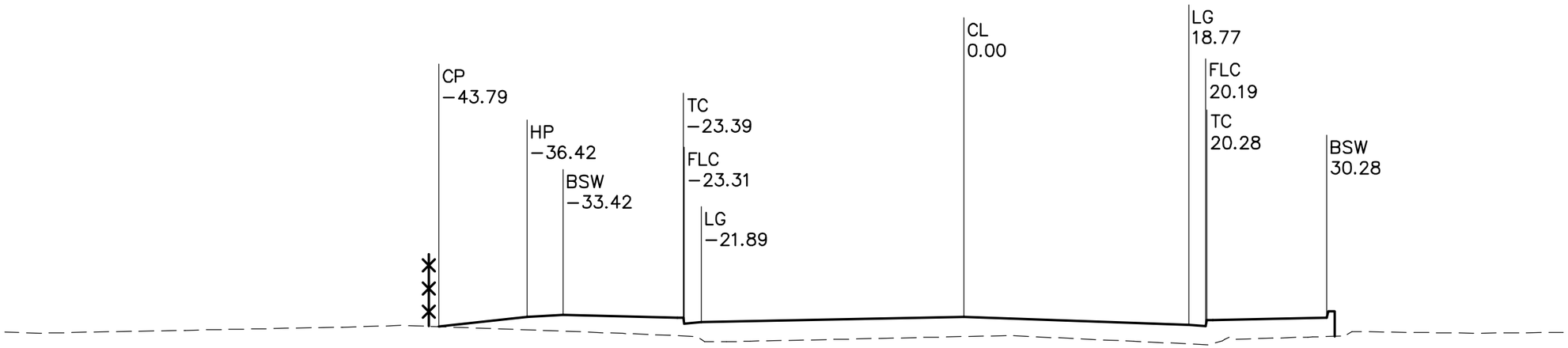
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"G" LINE
STATION 112+21.75

	CP	HP	BSW	TC	FLC	LG	CL	LG	FLC	TC	BSW
Elev	67.21	68.35	68.50	68.27	67.77	67.90	68.35	67.70	67.57	68.07	68.27
Dist	38.93	36.65	33.65	23.62	23.54	22.12	0.00	18.84	20.26	20.35	30.35
X−Slope	−50.00%	−5.00%	2.29%			−2.03%		−3.45%			2.00%

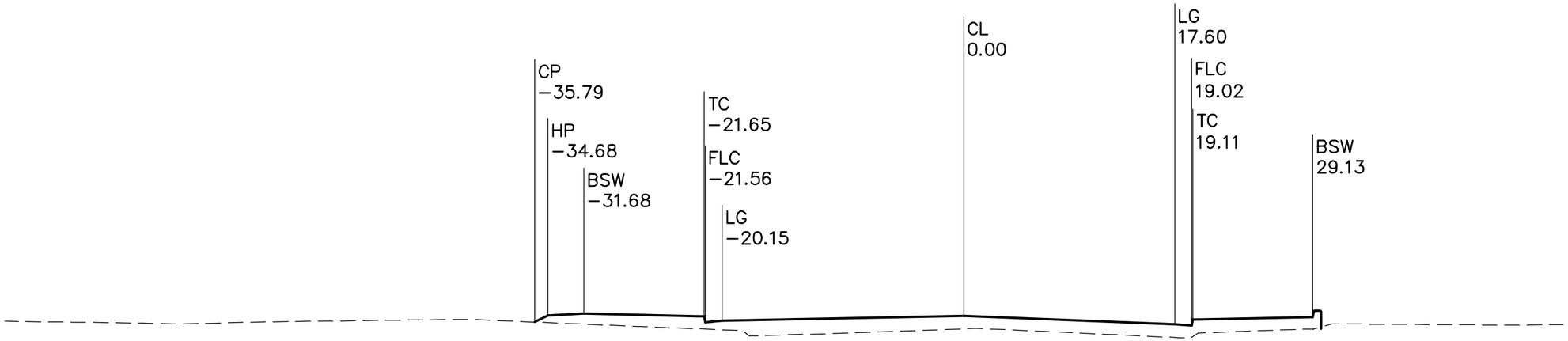
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"G" LINE
STATION 112+25.00

	CP	HP	BSW	TC	FLC	LG	CL	LG	FLC	TC	BSW
Elev	67.44	68.26	68.41	68.18	67.68	67.81	68.25	67.60	67.47	67.97	68.18
Dist	43.79	36.42	33.42	23.39	23.31	21.89	0.00	18.77	20.19	20.28	30.28
X−Slope	−11.13%	−5.00%	2.29%			−2.01%		−3.46%			2.10%

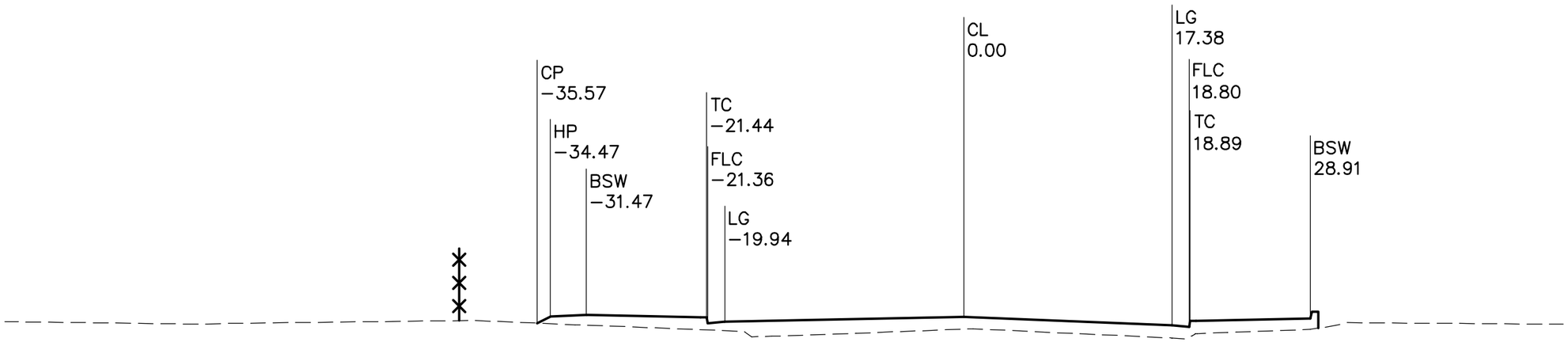
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"G" LINE
STATION 112+50.00

	CP	HP	BSW	TC	FLC	LG	CL	LG	FLC	TC	BSW
Elev	67.04	67.59	67.74	67.52	67.02	67.15	67.55	66.87	66.74	67.24	67.46
Dist	35.79	34.68	31.68	21.65	21.56	20.15	0.00	17.60	19.02	19.11	29.13
X−Slope	−49.55%	−5.00%	2.19%			−1.99%		−3.86%			2.20%

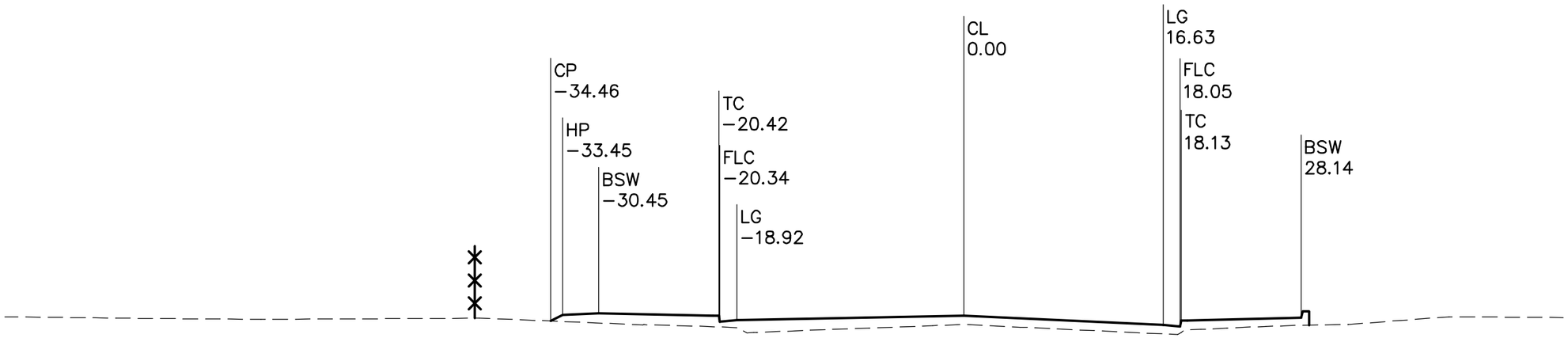
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"G" LINE
STATION 112+53.05

	CP	HP	BSW	TC	FLC	LG	CL	LG	FLC	TC	BSW
Elev	66.97	67.52	67.67	67.45	66.95	67.08	67.48	66.78	66.65	67.15	67.37
Dist	35.57	34.47	31.47	21.44	21.36	19.94	0.00	17.38	18.80	18.89	28.91
X−Slope	−50.00%	−5.00%	2.19%			−2.01%		−4.03%			2.20%

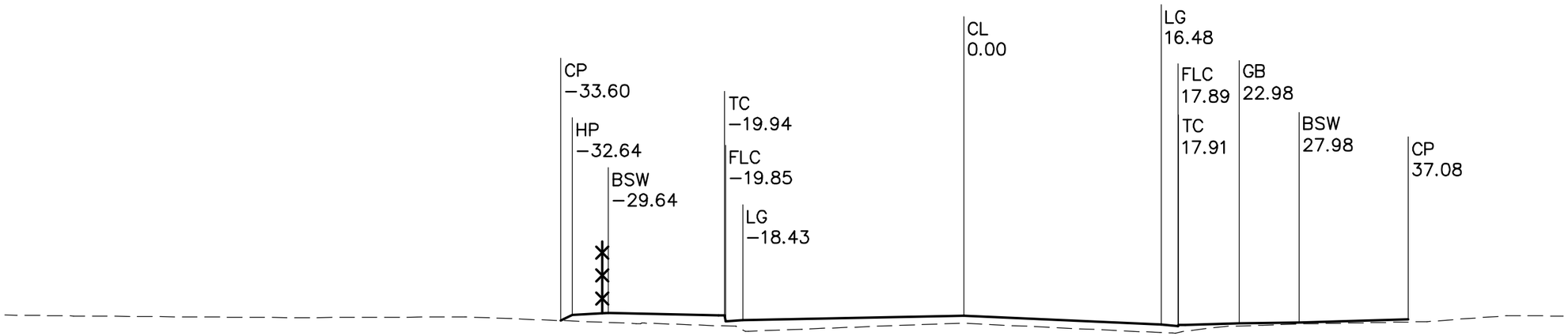
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"G" LINE
STATION 112+67.89

	CP	HP	BSW	TC	FLC	LG	CL	LG	FLC	TC	BSW
Elev	66.68	67.18	67.33	67.11	66.61	66.74	67.12	66.36	66.23	66.73	66.94
Dist	34.46	33.45	30.45	20.42	20.34	18.92	0.00	16.63	18.05	18.13	28.14
X−Slope	−49.50%	−5.00%	2.19%			−2.01%		−4.57%			2.10%

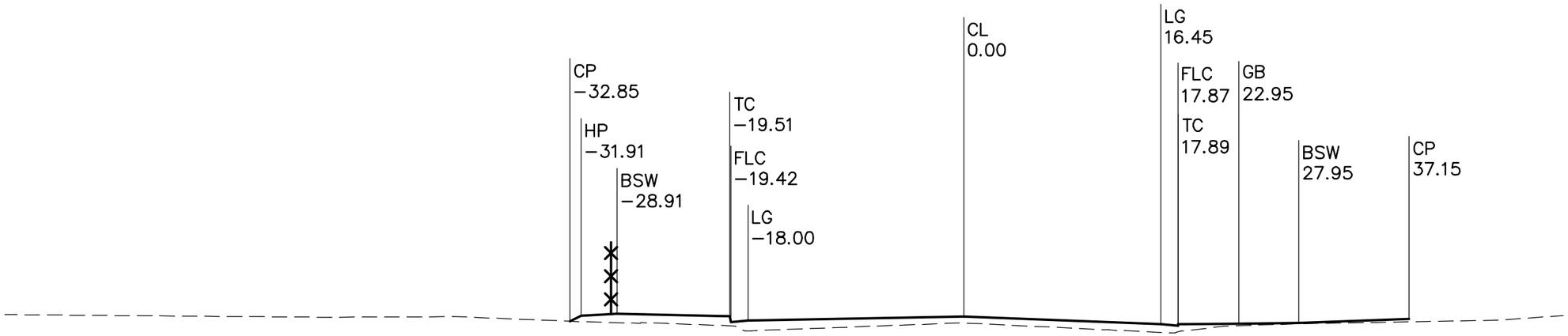
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"G" LINE
STATION 112+75.00

	CP	HP	BSW	TC	FLC	LG	CL	LG	FLC	TC	GB	BSW	CP
Elev	66.55	67.03	67.18	66.97	66.47	66.59	66.96	66.20	66.07	66.20	66.33	66.39	66.65
Dist	33.60	32.64	29.64	19.94	19.85	18.43	0.00	16.48	17.89	17.91	22.98	27.98	37.08
X−Slope	−50.00%	−5.00%	2.16%			−2.01%		−4.61%			2.56%	1.20%	2.86%

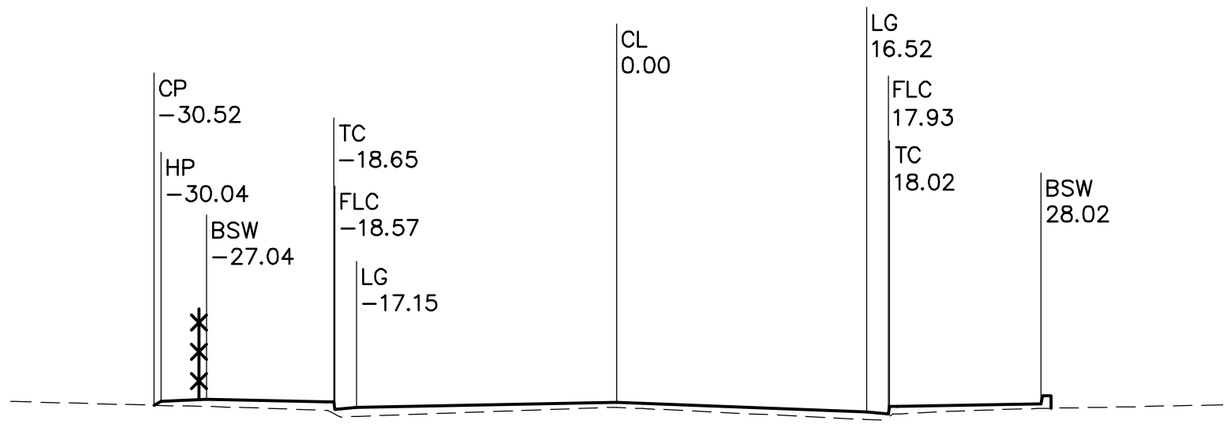
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"G" LINE
STATION 112+81.35

	CP	HP	BSW	TC	FLC	LG	CL	LG	FLC	TC	GB	BSW	CP
Elev	66.43	66.90	67.05	66.84	66.34	66.47	66.83	66.18	66.05	66.18	66.21	66.29	66.63
Dist	32.85	31.91	28.91	19.51	19.42	18.00	0.00	16.45	17.87	17.89	22.95	27.95	37.15
X−Slope	−50.00%	−5.00%	2.23%			−2.00%		−3.95%			0.59%	1.60%	3.70%

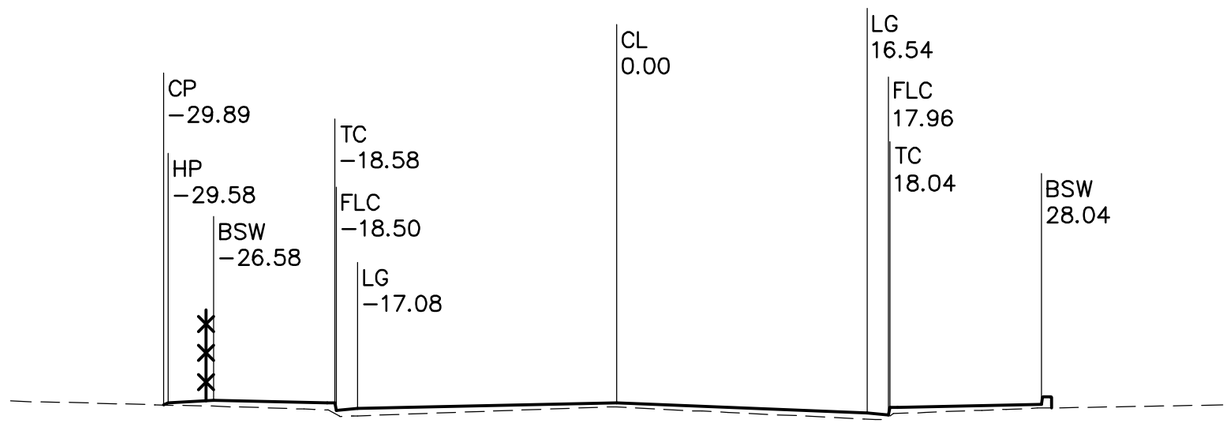
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"G" LINE
STATION 113+00.00

	CP	HP	BSW	TC	FLC	LG	CL	LG	FLC	TC	BSW
Elev	66.29	66.53	66.68	66.51	66.01	66.14	66.48	65.83	65.70	66.20	66.39
Dist	30.52	30.04	27.04	18.65	18.57	17.15	0.00	16.52	17.93	18.02	28.02
X−Slope	−50.00%	−5.00%	2.03%			−1.98%		−3.93%			1.90%

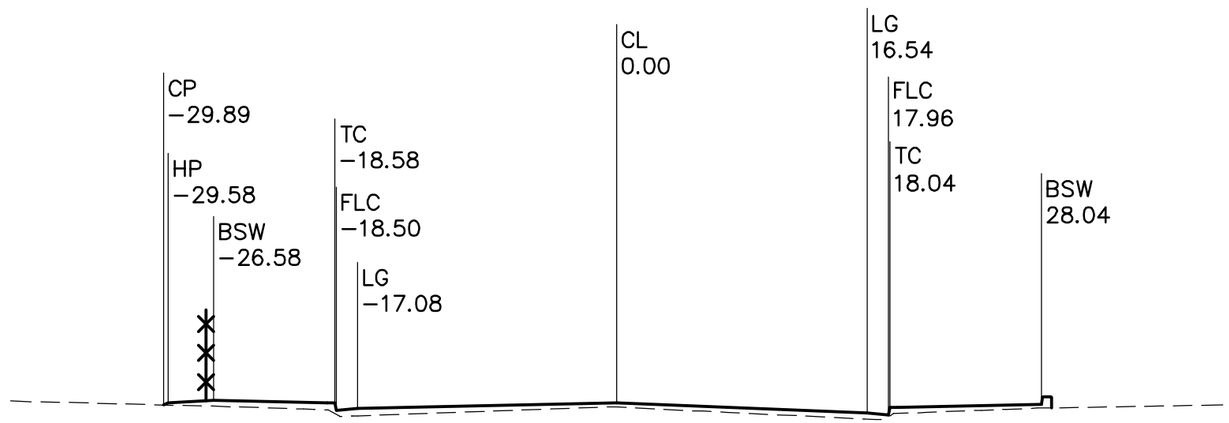
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"G" LINE
STATION 113+06.68

	CP	HP	BSW	TC	FLC	LG	CL	LG	FLC	TC	BSW
Elev	66.23	66.39	66.54	66.39	65.89	66.02	66.37	65.70	65.57	66.07	66.26
Dist	29.89	29.58	26.58	18.58	18.50	17.08	0.00	16.54	17.96	18.04	28.04
X−Slope	−51.61%	−5.00%	1.88%			−2.05%		−4.05%			1.90%

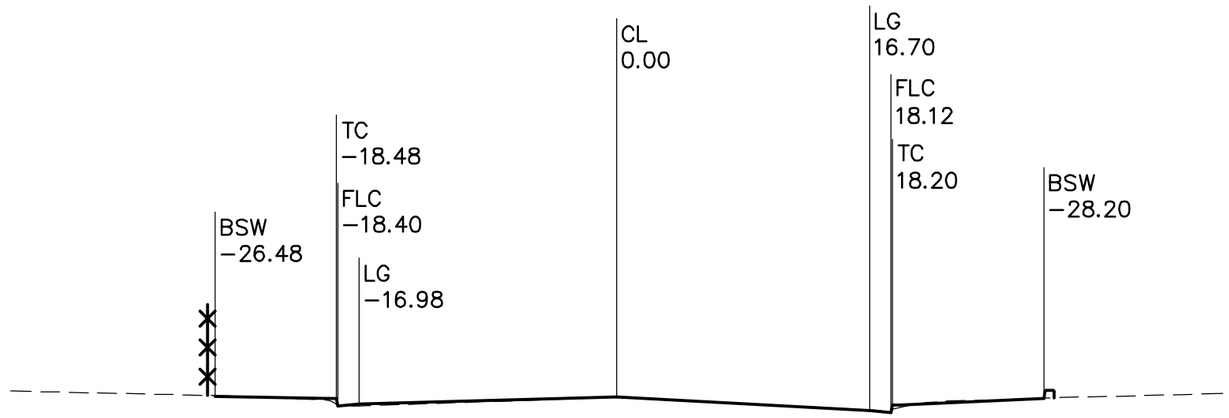
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"G" LINE
STATION 113+06.70

	CP	HP	BSW	TC	FLC	LG	CL	LG	FLC	TC	BSW
Elev	66.23	66.39	66.54	66.39	65.89	66.02	66.37	65.70	65.57	66.07	66.26
Dist	29.89	29.58	26.58	18.58	18.50	17.08	0.00	16.54	17.96	18.04	28.04
X−Slope	−51.61%	−5.00%	1.88%			−2.05%		−4.05%			1.90%

FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"G" LINE
STATION 113+50.00

	BSW	TC	FLC	LG	CL	LG	FLC	TC	BSW
Elev	65.89	65.73	65.23	65.36	65.83	64.95	64.82	65.32	65.74
Dist	26.48	18.48	18.40	16.98	0.00	16.70	18.12	18.20	28.20
X−Slope	2.00%			−2.77%		−5.27%			4.20%

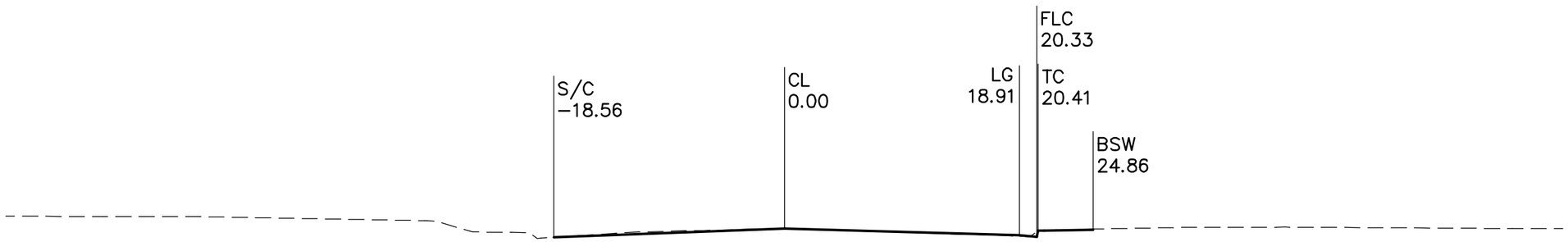
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1

CROSS SECTIONS

ROUTE 4 (EAST) WIDENING

SECTION IX

"MI" LINE – (SHEET 1–14)



"MI" LINE
STATION 103+66.20

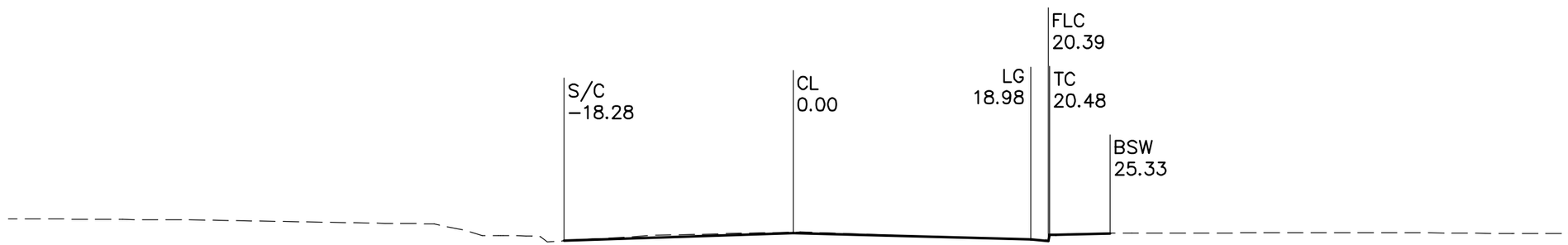
	S/C	CL	LG	FLC	TC	BSW
Elev	74.71	75.43	74.88	74.75	75.25	75.34
Dist	18.56	0.00	18.91	20.33	20.41	24.86
X−Slope	−3.86%		−2.91%			2.00%

LEGEND:

(XX.XX) EXISTING GROUND ELEVATION

ABBREVIATIONS:

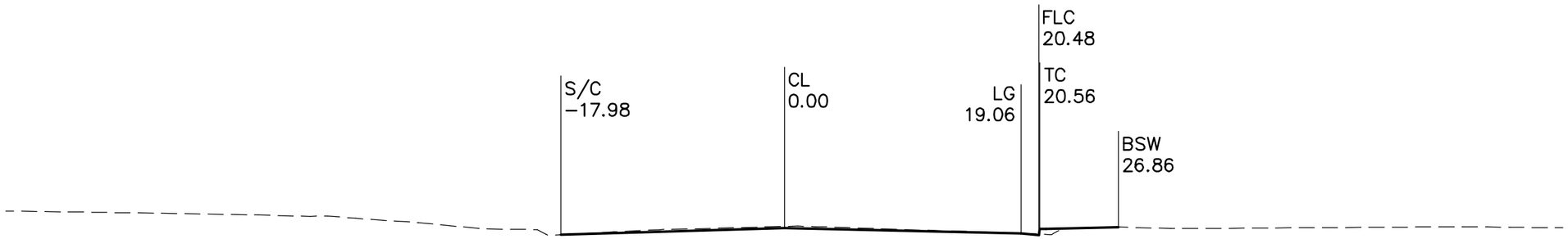
BAR − Barrier Face
BBAR − Back of Barrier
BSW − Back of Sidewalk
BWALL − Back of Wall
CL − Centerline
CP − Catch Point
EC − Edge of Concrete
EG − Edge of Gutter
EP − Edge of Pavement
ES − Edge of Shoulder
ETW − Edge of Traveled Way
FL − Paved or unpaved Flow Line
FLC − Flow Line Curb
FWALL − Face of Wall
GB − Grade Break
HP − Hinge Point
ML − Match Line
LG − Lip of Gutter
P − Pavement
PG − Profile Grade
R/W − Right of Way
RW LOL − Retaining Wall Layout Line
S/C − Saw Cut Line
SW LOL − Sound Wall Layout Line
TBAR − Top of Barrier
TC − Top of Curb
TDITCH − Top of Ditch
TE − Top of Embankment
TGT − Top of Gutter
TOD − Top of Dike
TSW − Top of Swale



"MI" LINE
STATION 103+75.00

	S/C	CL	LG	FLC	TC	BSW
Elev	74.66	75.27	74.77	74.64	75.14	75.23
Dist	18.28	0.00	18.98	20.39	20.48	25.33
X-Slope	-3.36%		-2.65%			2.00%

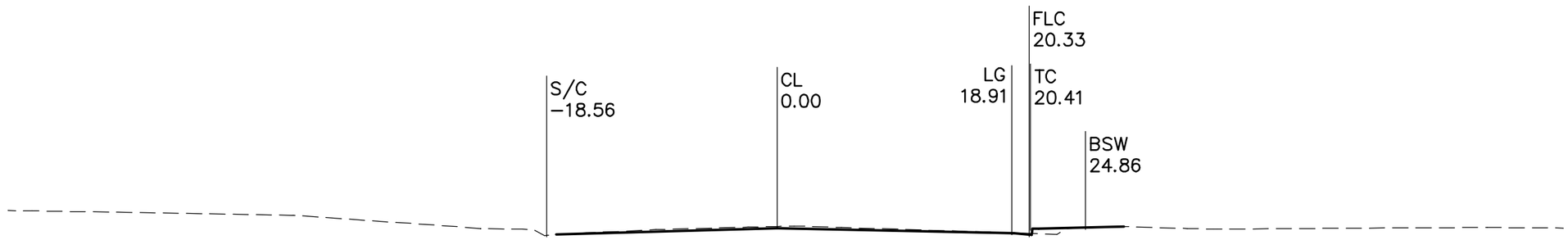
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"MI" LINE
STATION 103+86.69

	S/C	CL	LG	FLC	TC	BSW
Elev	74.52	75.06	74.62	74.49	74.99	75.12
Dist	17.98	0.00	19.06	20.48	20.56	26.89
X−Slope	−3.02%		−2.31%			1.99%

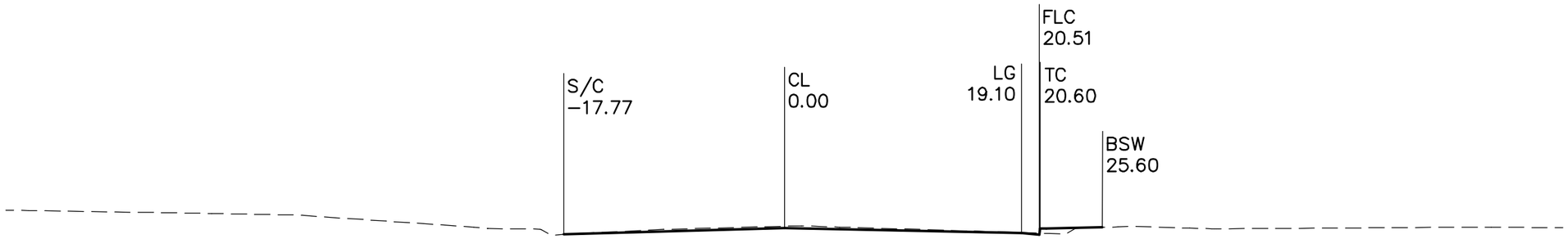
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"MI" LINE
STATION 103+91.77

	S/C	CL	LG	FLC	TC	BSW
Elev	74.45	74.97	74.56	74.43	74.93	75.08
Dist	17.78	0.00	19.10	20.51	20.60	27.95
X−Slope	−2.94%		−2.16%			2.09%

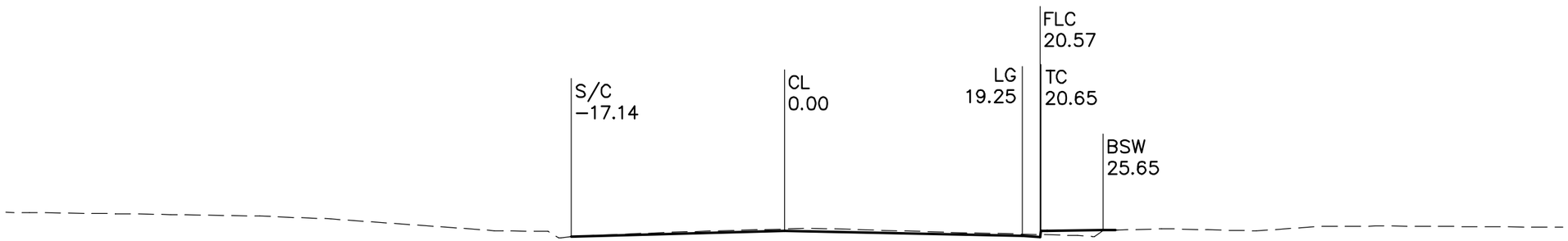
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"MI" LINE
STATION 103+92.08

	S/C	CL	LG	FLC	TC	BSW
Elev	74.44	74.96	74.55	74.42	74.92	75.02
Dist	17.77	0.00	19.10	20.51	20.60	25.60
X−Slope	−2.93%		−2.15%			2.00%

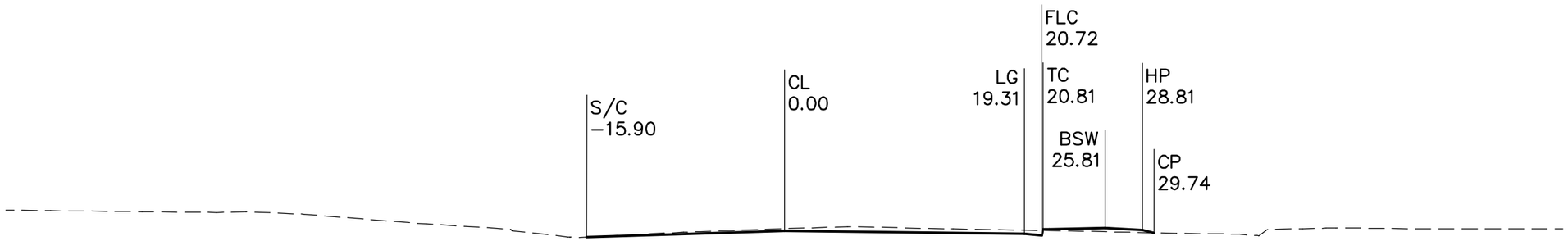
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"MI" LINE
STATION 104+00.00

	S/C	CL	LG	FLC	TC	BSW
Elev	74.34	74.82	74.43	74.30	74.80	74.89
Dist	17.14	0.00	19.15	20.57	20.65	25.65
X−Slope	−2.81%		−2.04%			1.80%

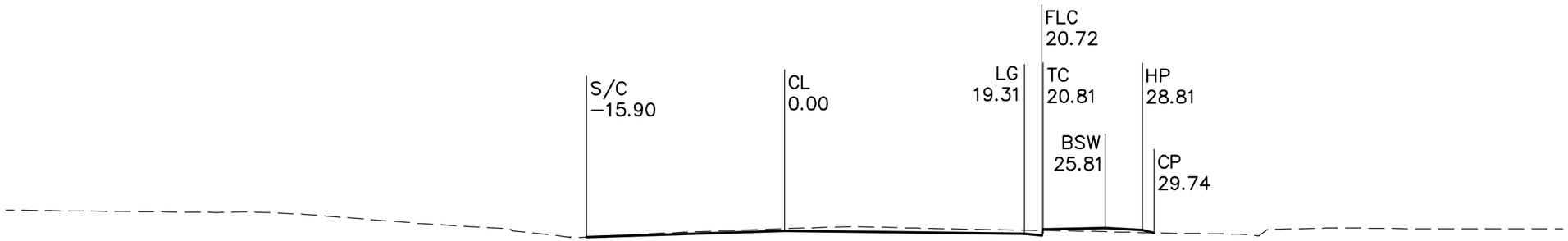
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"MI" LINE
STATION 104+25.00

	S/C	CL	LG	FLC	TC	BSW	HP	CP
Elev	73.88	74.38	74.14	74.01	74.51	74.61	74.46	74.22
Dist	15.90	0.00	19.31	20.72	20.81	25.81	28.81	29.74
X–Slope	–3.13%		–1.26%			2.00%	–5.00%	–25.05%

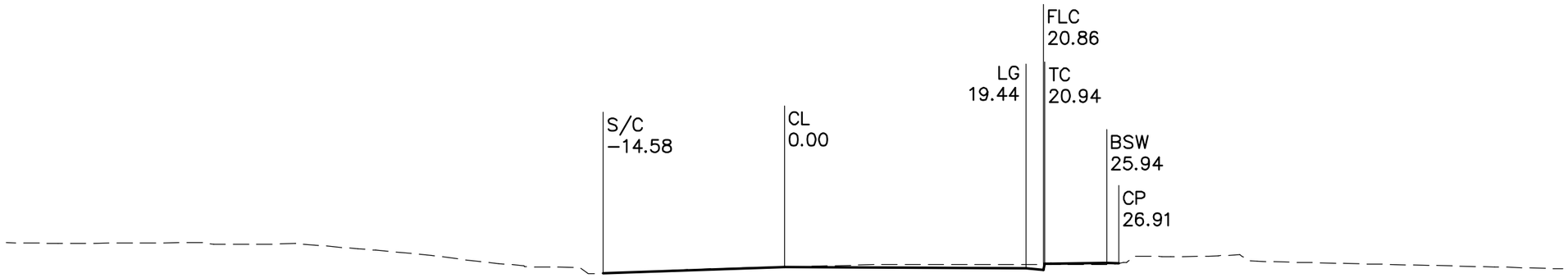
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"MI" LINE
STATION 104+25.02

	S/C	CL	LG	FLC	TC	BSW	HP	CP
Elev	73.88	74.38	74.14	74.01	74.51	74.61	74.46	74.22
Dist	15.90	0.00	19.31	20.72	20.81	25.81	28.81	29.74
X−Slope	−3.13%		−1.26%			2.00%	−5.00%	−25.05%

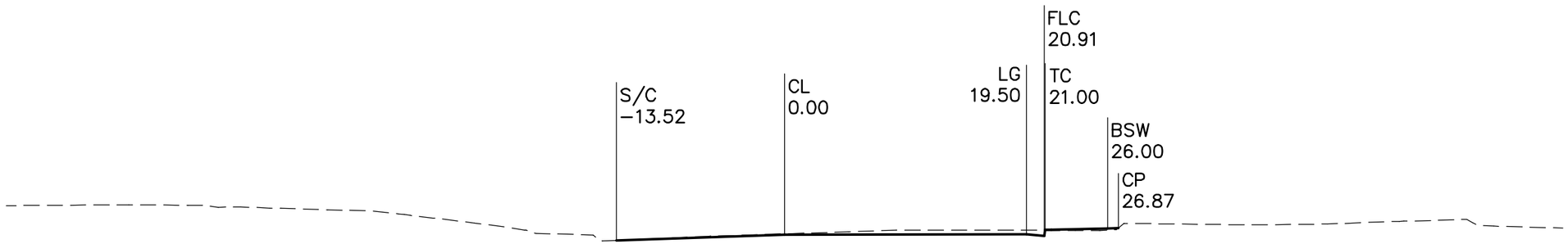
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"MI" LINE
STATION 104+50.00

	S/C	CL	LG	FLC	TC	BSW	CP
Elev	73.42	73.94	73.82	73.69	74.19	74.28	74.23
Dist	14.58	0.00	19.44	20.86	20.94	25.94	26.91
X−Slope	−3.56%		−0.61%			1.80%	−4.96%

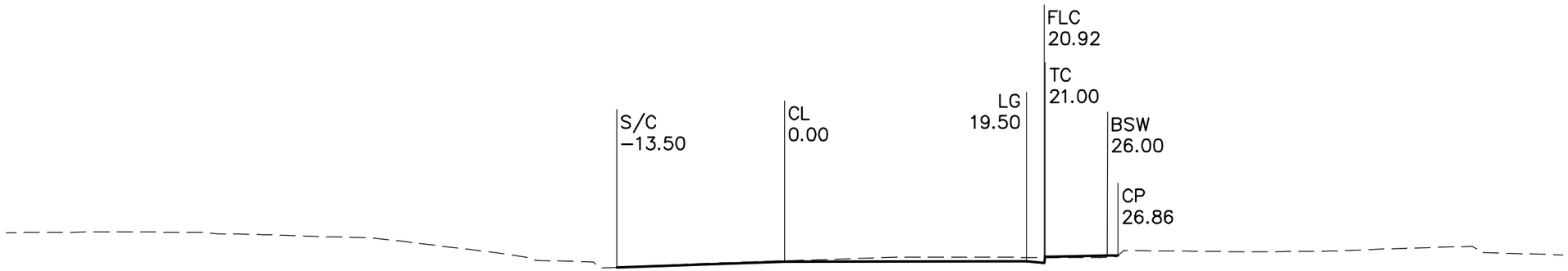
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"MI" LINE
STATION 104+63.12

	S/C	CL	LG	FLC	TC	BSW	CP
Elev	73.17	73.63	73.66	73.53	74.03	74.13	74.14
Dist	13.52	0.00	19.50	20.91	21.00	26.00	26.87
X−Slope	−3.43%		0.14%			2.00%	1.95%

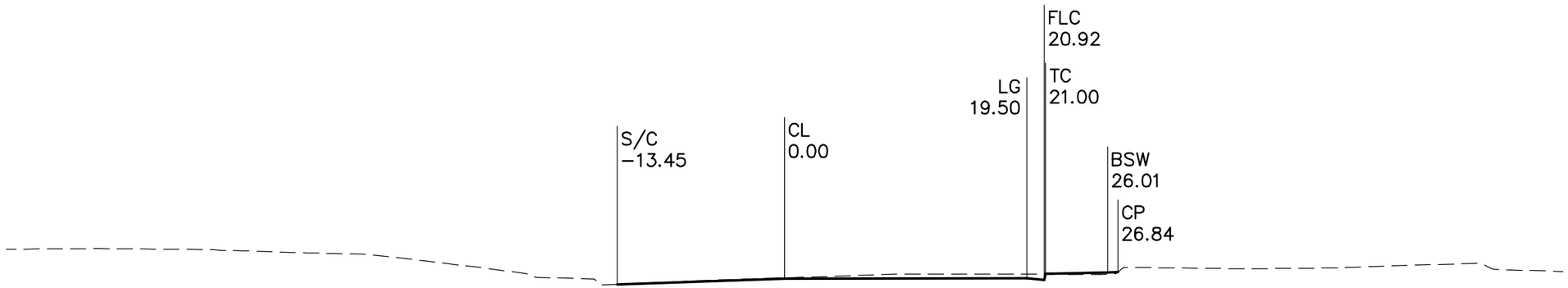
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"MI" LINE
STATION 104+63.39

	S/C	CL	LG	FLC	TC	BSW	CP
Elev	73.16	73.63	73.65	73.52	74.02	74.12	74.14
Dist	13.50	0.00	19.50	20.92	21.00	26.00	26.86
X−Slope	−3.47%		0.12%			2.00%	2.10%

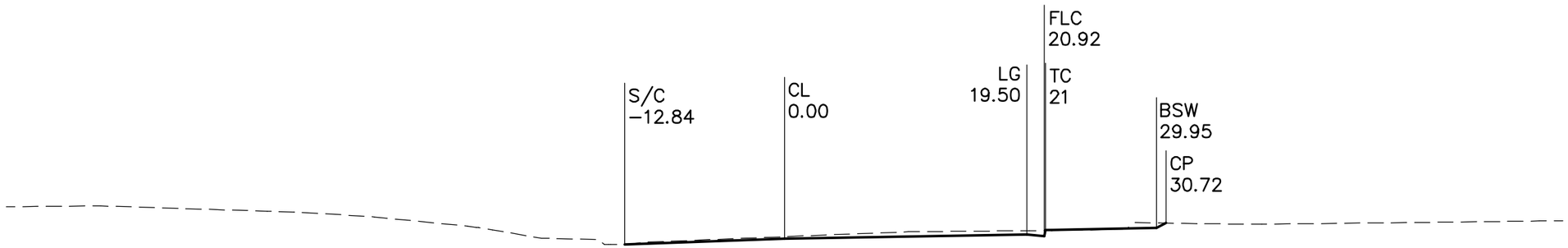
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"MI" LINE
STATION 104+64.02

	S/C	CL	LG	FLC	TC	BSW	CP
Elev	73.15	73.62	73.65	73.52	74.02	74.12	74.13
Dist	13.45	0.00	19.50	20.92	21.00	26.01	26.84
X−Slope	−3.48%		0.15%			2.02%	1.93%

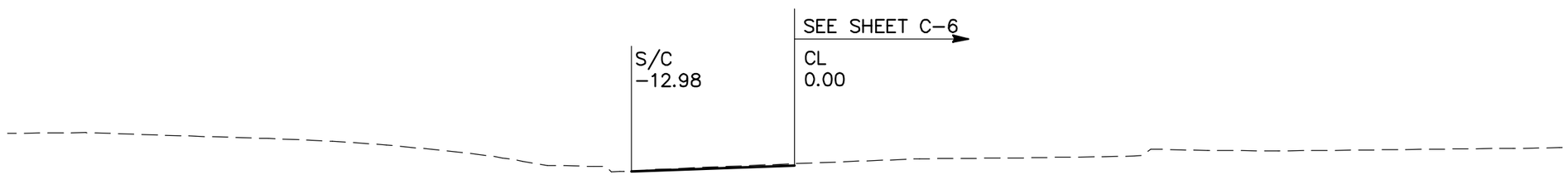
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"MI" LINE
STATION 104+90.39

	S/C	CL	LG	FLC	TC	BSW	CP
Elev	32.53	33.00	33.32	33.19	33.69	33.87	34.25
Dist	12.84	0.00	19.50	20.92	21.00	29.95	30.72
X−Slope	−3.65%		1.64%			2.00%	50.00%

FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"MI" LINE
STATION 104+90.96

	S/C	CL	SEE SHEET C-6
Elev	72.52	73.00	
Dist	12.98	0.00	
X-Slope	-3.74%		

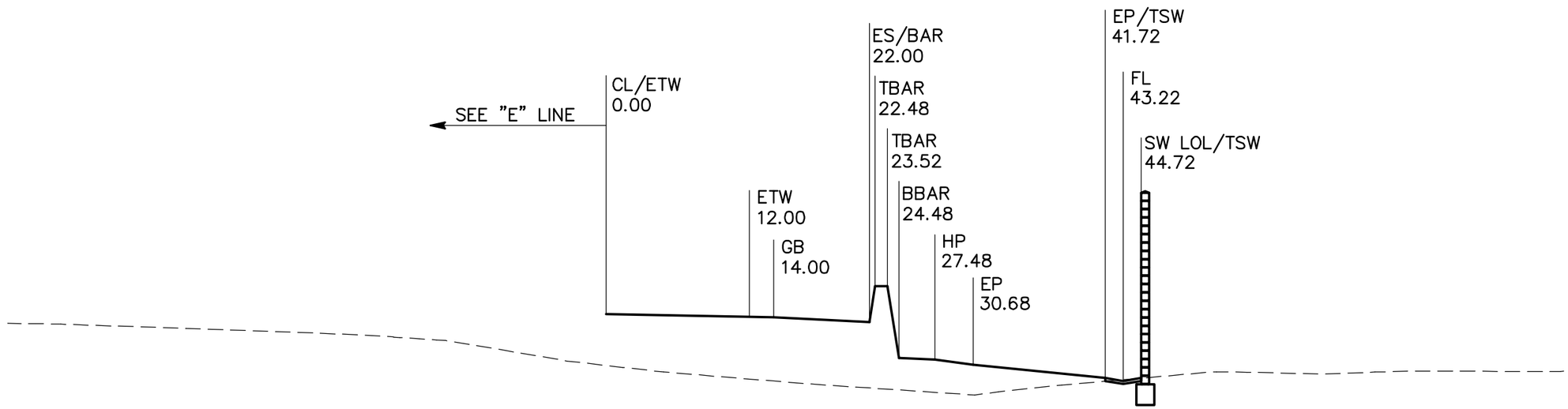
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1

CROSS SECTIONS

ROUTE 4 (EAST) WIDENING

SECTION X

"REF" LINE - (SHEET 1-38)



"REF" LINE
STATION 43+24.97

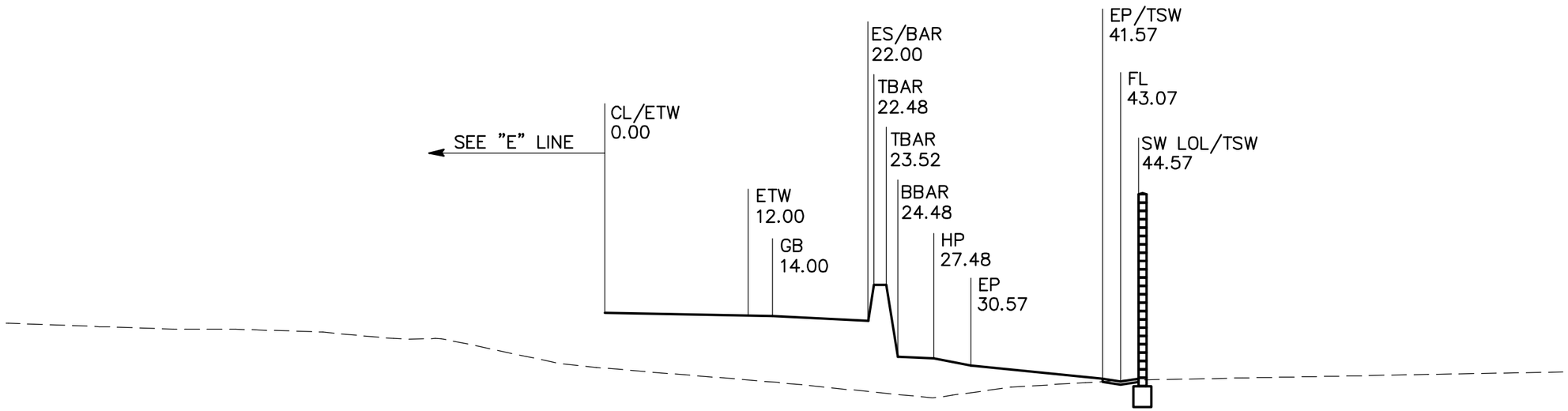
SEE "E" LINE	CL/ETW	ETW	GB	ES/BAR	TBAR	TBAR	BBAR	HP	EP	EP/TSW	FL	SW LOL/TSW
Elev	43.93	43.69	43.65	43.25	46.25	46.25	40.25	40.10	39.68	38.58	38.33	38.58
Dist	0.00	12.00	14.00	22.00	22.48	23.52	24.48	27.48	30.68	41.72	43.22	44.72
X-Slope		-2.00%	-2.00%	-5.00%				-5.00%	-13.15%	-10.00%	-16.67%	16.67%

LEGEND:

(XX.XX) EXISTING GROUND ELEVATION

ABBREVIATIONS:

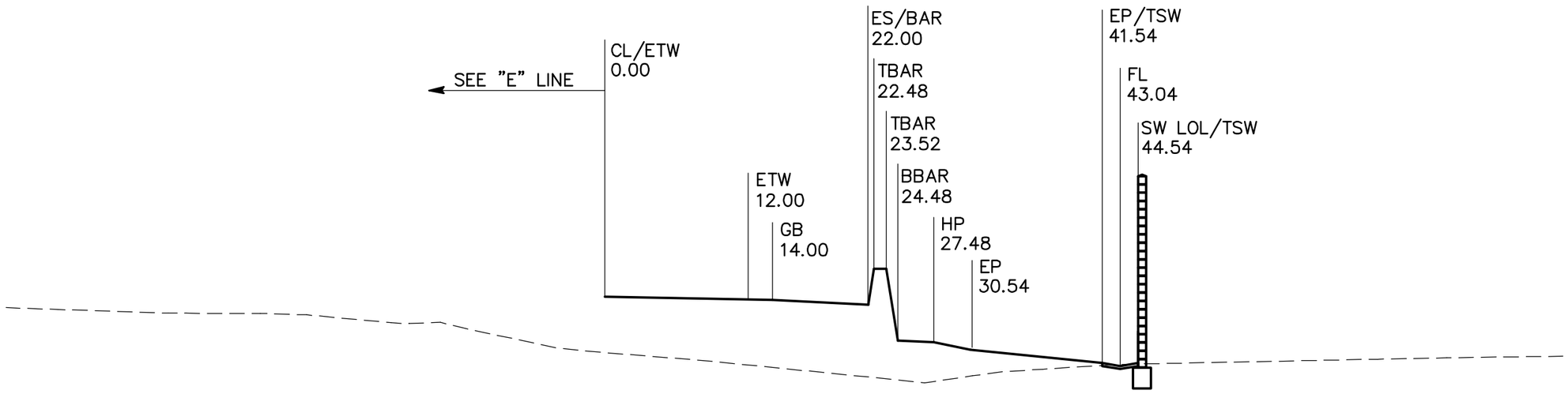
BAR – Barrier Face
BBAR – Back of Barrier
BSW – Back of Sidewalk
BWALL – Back of Wall
CL – Centerline
CP – Catch Point
EC – Edge of Concrete
EG – Edge of Gutter
EP – Edge of Pavement
ES – Edge of Shoulder
ETW – Edge of Traveled Way
FL – Paved or unpaved Flow Line
FLC – Flow Line Curb
FWALL – Face of Wall
GB – Grade Break
HP – Hinge Point
ML – Match Line
LG – Lip of Gutter
P – Pavement
PG – Profile Grade
R/W – Right of Way
RW LOL – Retaining Wall Layout Line
S/C – Saw Cut Line
SW LOL – Sound Wall Layout Line
TBAR – Top of Barrier
TC – Top of Curb
TDITCH – Top of Ditch
TE – Top of Embankment
TGT – Top of Gutter
TOD – Top of Dike
TSW – Top of Swale



"REF" LINE
STATION 43+50.00

SEE "E" LINE	CL/ETW	ETW	GB	ES/BAR	TBAR	TBAR	BBAR	HP	EP	EP/TSW	FL	SW LOL/TSW
Elev	44.21	43.97	43.93	43.53	46.53	46.53	40.53	40.38	39.80	38.70	38.45	38.70
Dist	0.00	12.00	14.00	22.00	22.48	23.52	24.48	27.48	30.57	41.57	43.07	44.57
X-Slope		-2.00%	-2.00%	-5.00%				-5.00%	-18.77%	-10.00%	-16.67%	16.67%

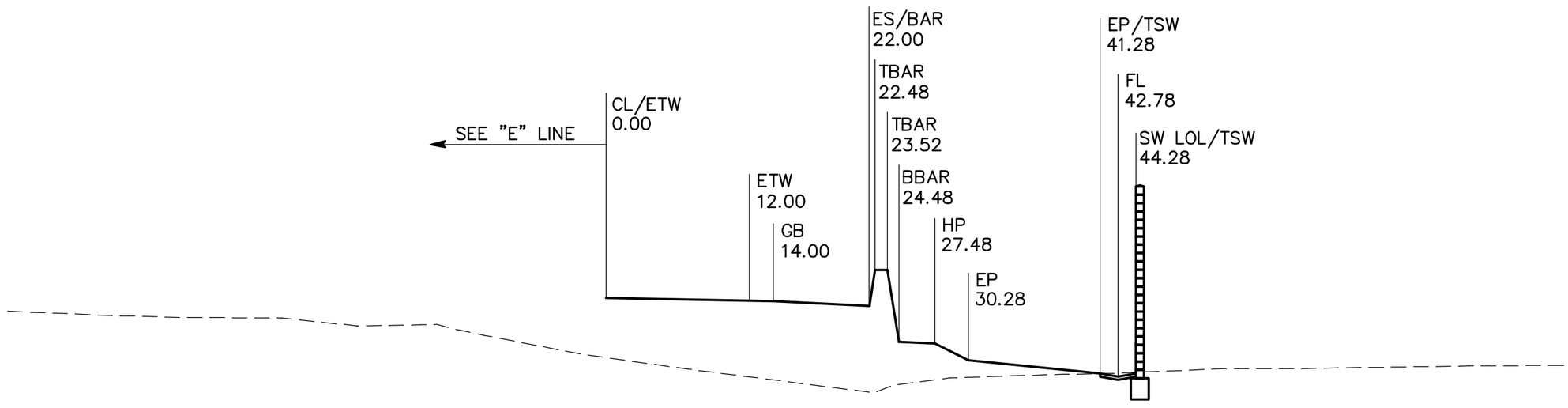
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"REF" LINE
STATION 43+54.86

SEE "E" LINE	CL/ETW	ETW	GB	ES/BAR	TBAR	TBAR	BBAR	HP	EP	EP/TSW	FL	SW LOL/TSW
Elev	44.27	44.03	43.99	43.59	46.59	46.59	40.59	40.44	39.82	38.72	38.47	38.72
Dist	0.00	12.00	14.00	22.00	22.48	23.52	24.48	27.48	30.54	41.54	43.04	44.54
X-Slope		-2.00%	-2.00%	-5.00%				-5.00%	-20.24%	-10.00%	-16.68%	16.67%

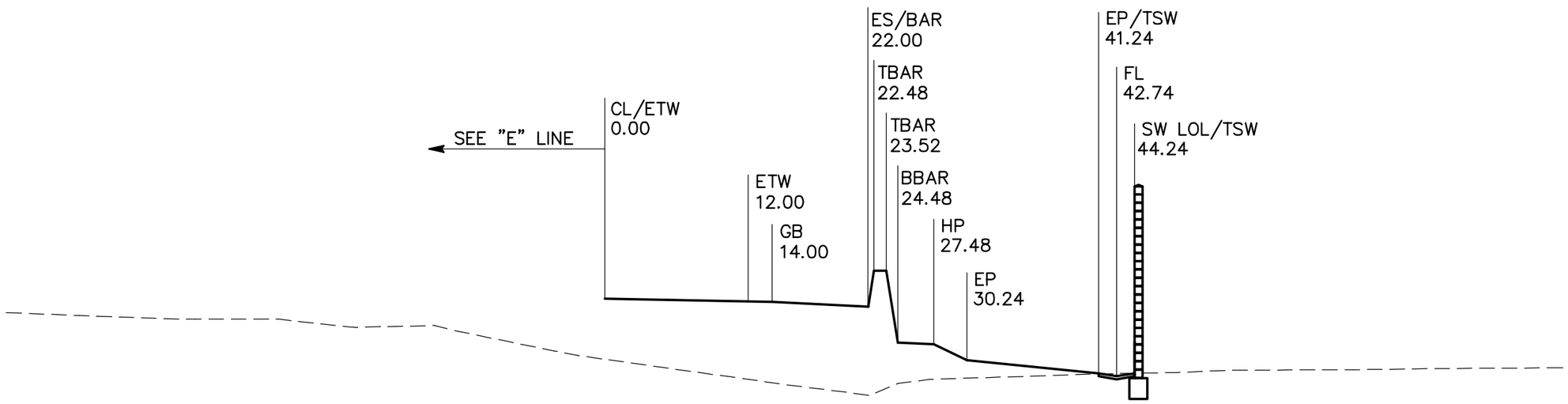
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"REF" LINE
STATION 44+00.00

SEE "E" LINE	CL/ETW	ETW	GB	ES/BAR	TBAR	TBAR	BBAR	HP	EP	EP/TSW	FL	SW LOL/TSW
Elev	44.69	44.45	44.41	44.01	47.01	47.01	41.01	40.86	39.46	38.36	38.11	38.36
Dist	0.00	12.00	14.00	22.00	22.48	23.52	24.48	27.48	30.28	41.28	42.78	44.28
X-Slope		-2.00%	-2.00%	-5.00%				-5.00%	-50.00%	-10.00%	-16.67%	16.67%

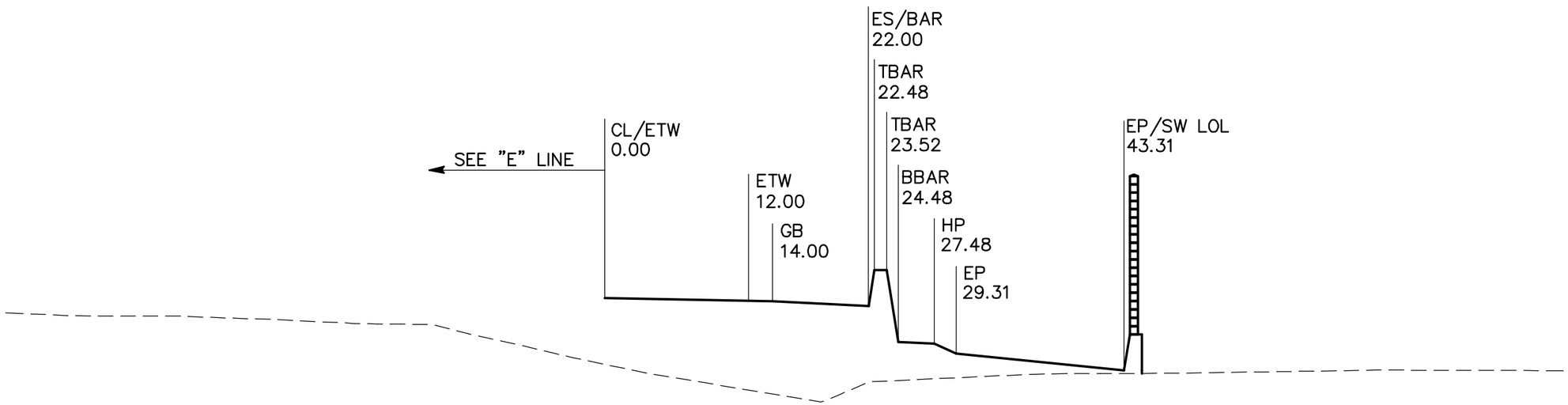
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"REF" LINE
STATION 44+07.65

SEE "E" LINE	CL/ETW	ETW	GB	ES/BAR	TBAR	TBAR	BBAR	HP	EP	EP/TSW	FL	SW LOL/TSW
Elev	44.75	44.51	44.47	44.07	47.07	47.07	41.07	40.92	39.61	38.51	38.26	38.51
Dist	0.00	12.00	14.00	22.00	22.48	23.52	24.48	27.48	30.24	41.24	42.74	44.24
X-Slope		-1.98%	-2.00%	-5.00%				-5.00%	-47.57%	-10.00%	-16.67%	16.67%

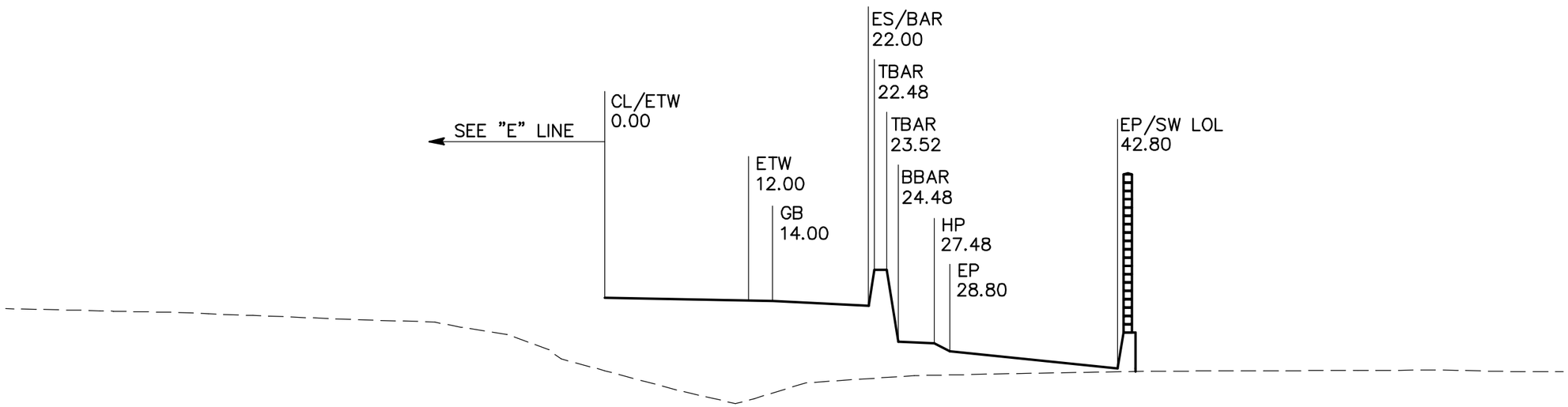
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"REF" LINE
STATION 44+50.00

SEE "E" LINE	CL/ETW	ETW	GB	ES/BAR	TBAR	TBAR	BBAR	HP	EP	EP/SW LOL
Elev	45.00	44.76	44.72	44.32	47.32	47.32	41.32	41.17	40.34	38.94
Dist	0.00	12.00	14.00	22.00	22.48	23.52	24.48	27.48	29.31	43.31
X-Slope		-2.00%	-2.00%	-5.00%				-5.00%	-45.35%	

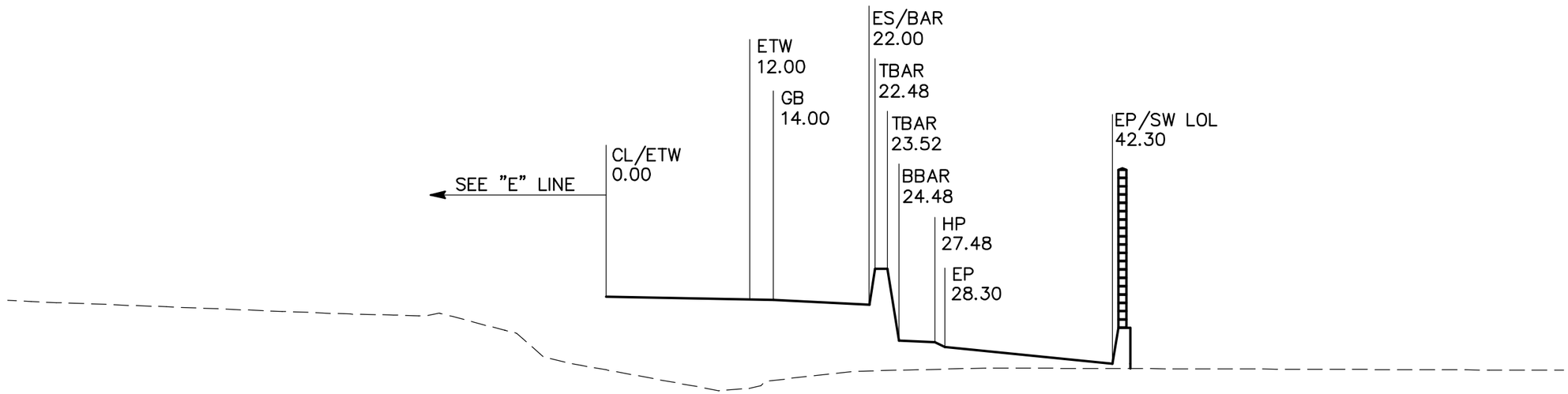
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"REF" LINE
STATION 45+00.00

SEE "E" LINE	CL/ETW	ETW	GB	ES/BAR	TBAR	TBAR	BBAR	HP	EP	EP/SW LOL
Elev	45.12	44.88	44.84	44.44	47.44	47.44	41.44	41.29	40.63	39.19
Dist	0.00	12.00	14.00	22.00	22.48	23.52	24.48	27.48	28.80	42.80
X-Slope		-2.00%	-2.00%	-5.00%				-5.00%	-49.96%	-10.29%

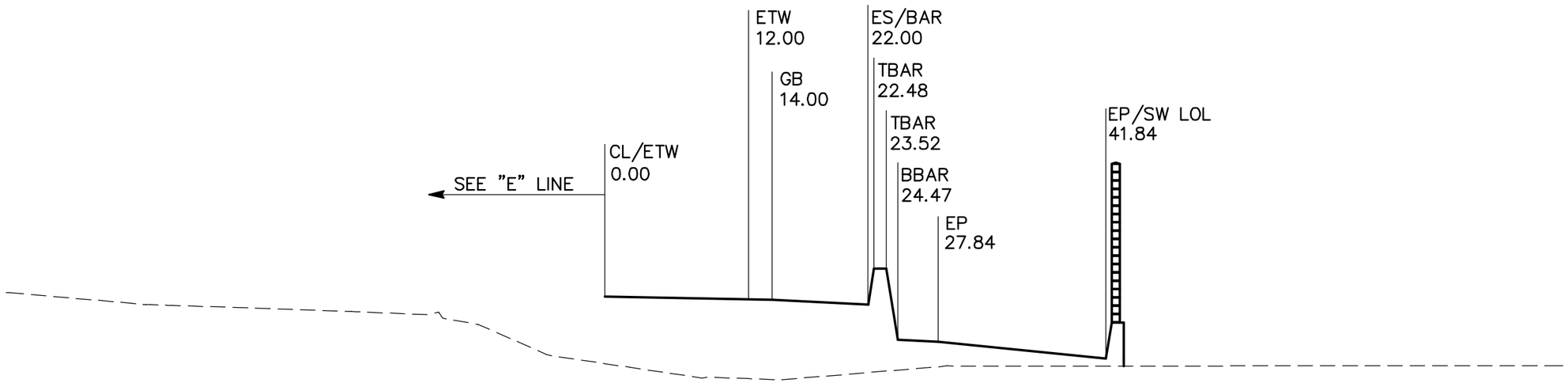
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"REF" LINE
STATION 45+50.00

SEE "E" LINE	CL/ETW	ETW	GB	ES/BAR	TBAR	TBAR	BBAR	HP	EP	EP/SW LOL
Elev	45.07	44.83	44.79	44.39	47.39	47.39	41.39	41.24	40.85	39.45
Dist	0.00	12.00	14.00	22.00	22.48	23.52	24.48	27.48	28.30	42.30
X-Slope		-2.00%	-2.00%	-5.00%				-5.00%	-47.56%	-10.00%

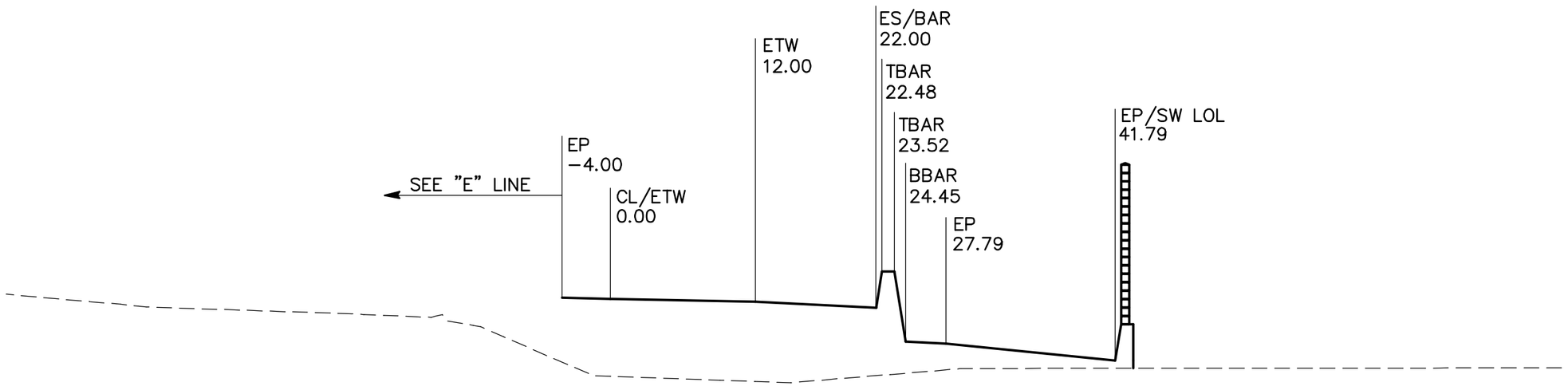
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"REF" LINE
STATION 45+95.60

SEE "E" LINE	CL/ETW	ETW	GB	ES/BAR	TBAR	TBAR	BBAR	EP	EP/SW LOL
Elev	44.86	44.62	44.58	44.18	47.18	47.18	41.25	41.08	39.68
Dist	0.00	12.00	14.00	22.00	22.48	23.52	24.47	27.84	41.84
X-Slope		-1.99%	-2.00%	-5.00%				-5.04%	-10.00%

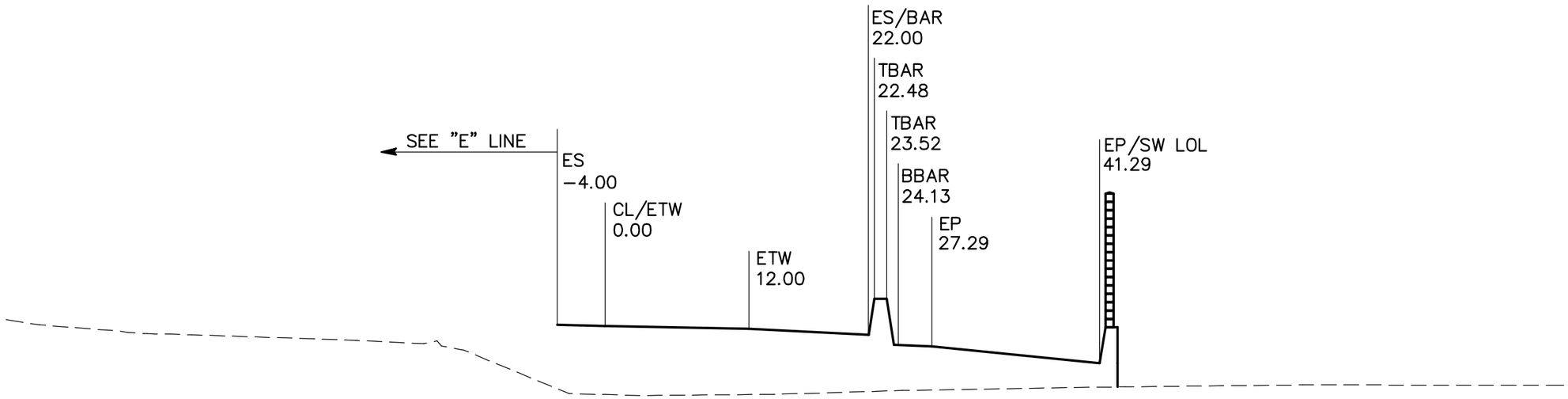
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"REF" LINE
STATION 46+00.00

SEE "E" LINE	ES	CL/ETW	ETW	ES/BAR	TBAR	TBAR	BBAR	EP	EP/SW LOL
Elev	44.91	44.83	44.59	44.09	47.09	47.09	41.28	41.11	39.71
Dist	4.00	0.00	12.00	22.00	22.48	23.52	24.45	27.79	41.79
X−Slope	2.00%		−2.00%	−5.00%				−5.09%	−10.00%

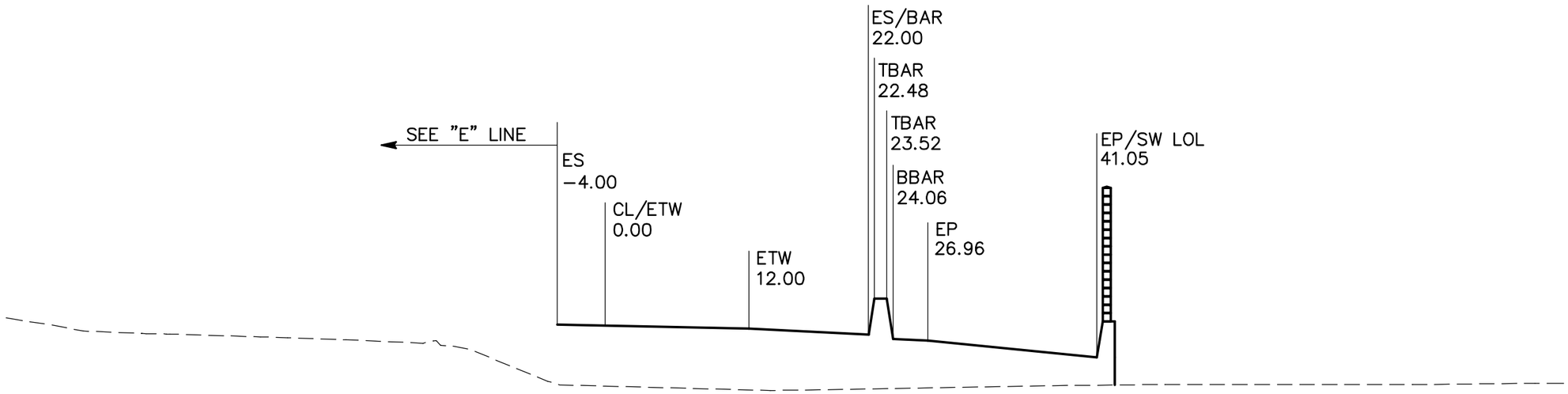
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"REF" LINE
STATION 46+50.00

SEE "E" LINE	ES	CL/ETW	ETW	ES/BAR	TBAR	TBAR	BBAR	EP	EP/SW LOL
Elev	44.50	44.42	44.18	43.68	46.68	46.68	42.86	42.70	41.30
Dist	4.00	0.00	12.00	22.00	22.48	23.52	24.13	27.29	41.29
X-Slope	2.00%		-2.00%	-5.00%				-5.00%	-10.00%

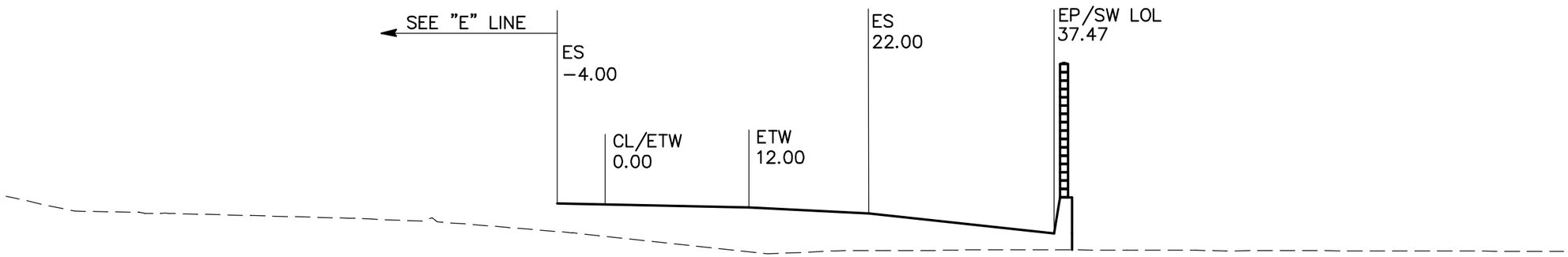
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"REF" LINE
STATION 46+60.97

SEE "E" LINE	ES	CL/ETW	ETW	ES/BAR	TBAR	TBAR	BBAR	EP	EP/SW LOL
Elev	44.38	44.30	44.06	43.56	46.56	46.56	43.20	43.06	41.65
Dist	4.00	0.00	12.00	22.00	22.48	23.52	24.06	26.96	41.05
X-Slope	2.00%		-2.00%	-5.00%				-4.99%	-10.00%

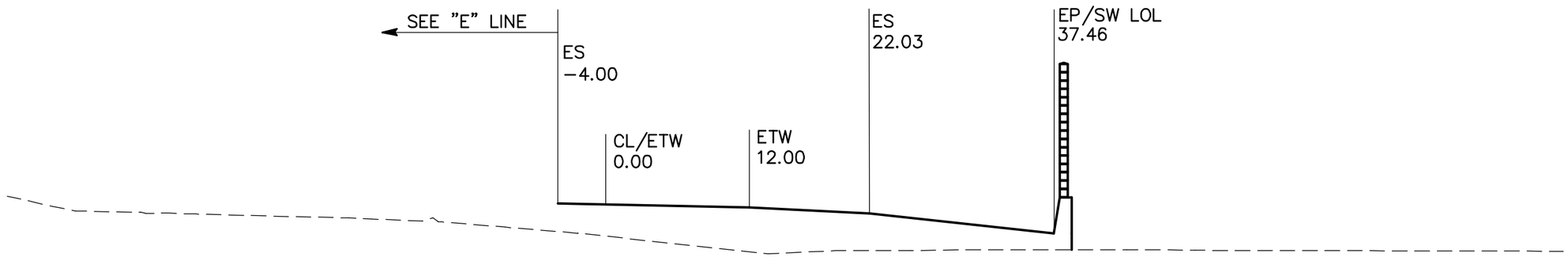
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"REF" LINE
STATION 46+97.00

SEE "E" LINE	ES	CL/ETW	ETW	ES	EP/SW LOL
Elev	43.94	43.86	43.62	43.12	41.46
Dist	4.00	0.00	12.00	22.00	37.47
X−Slope	2.00%		−2.00%	−5.00%	−10.77%

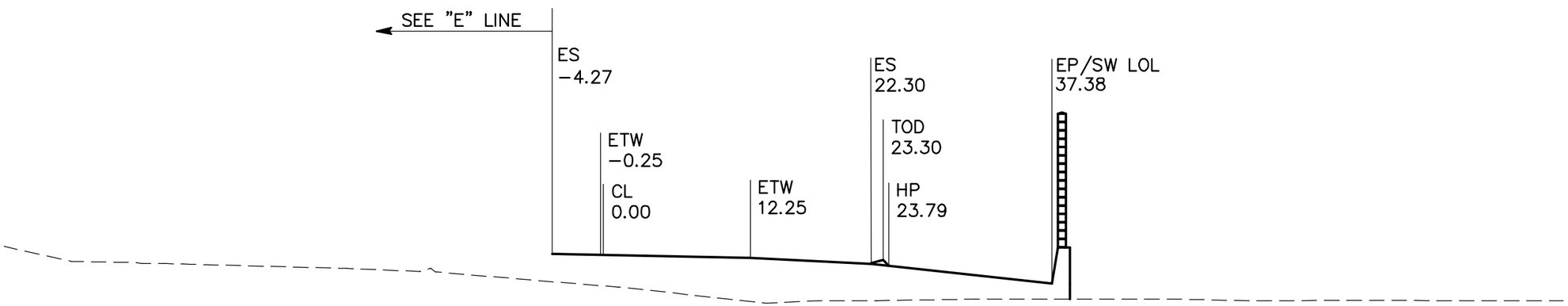
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"REF" LINE
STATION 46+97.30

SEE "E" LINE	ES	CL/ETW	ETW	ES	EP/SW LOL
Elev	43.94	43.86	43.62	43.12	41.45
Dist	4.00	0.00	12.00	22.03	37.46
X−Slope	2.00%		−2.00%	−5.00%	−10.77%

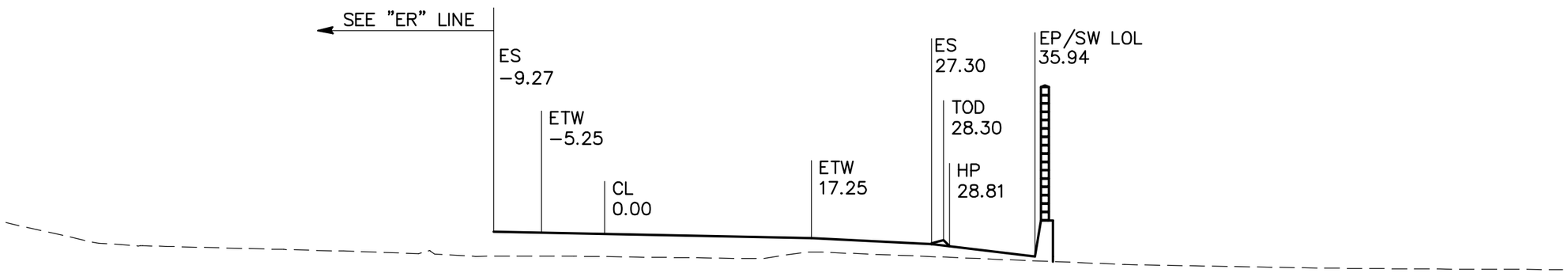
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"REF" LINE
STATION 47+00.00

SEE "E" LINE	ES	ETW	CL	ETW	ES	TOD	HP	EP/SW LOL
Elev	43.91	43.83	43.82	43.58	43.07	43.40	42.91	41.44
Dist	4.27	0.25	0.00	12.25	22.30	23.30	23.79	37.38
X−Slope	2.00%	2.00%		−2.00%	−5.00%			−10.82%

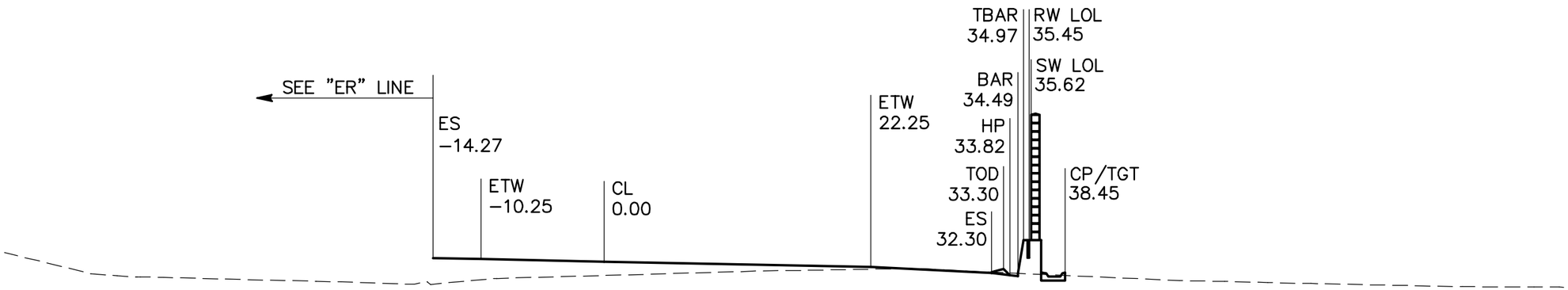
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"REF" LINE
STATION 47+50.00

SEE "ER" LINE	ES	ETW	CL	ETW	ES	TOD	HP	EP/SW LOL
Elev	43.24	43.16	43.05	42.71	42.20	42.45	42.02	41.18
Dist	9.27	5.25	0.00	17.25	27.30	28.30	28.81	35.94
X−Slope	2.00%	2.00%		−2.00%	−5.00%			−11.83%

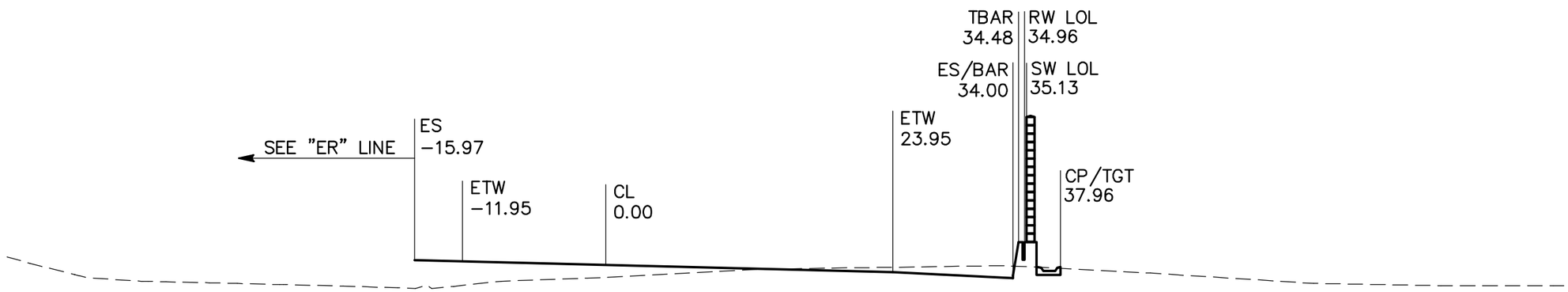
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"REF" LINE
STATION 48+00.00

SEE "ER" LINE	ES	ETW	CL	ETW	ES	TOD	HP	BAR	TBAR	RW LOL	SW LOL	CP/TGT
Elev	42.38	42.30	42.09	41.65	41.14	41.47	40.95	40.86	43.86			(41.18)
Dist	14.27	10.25	0.00	22.25	32.30	33.30	33.82	34.49	34.97	35.45	35.62	38.45
X−Slope	2.00%	2.00%		−2.00%	−5.00%			−12.79%				

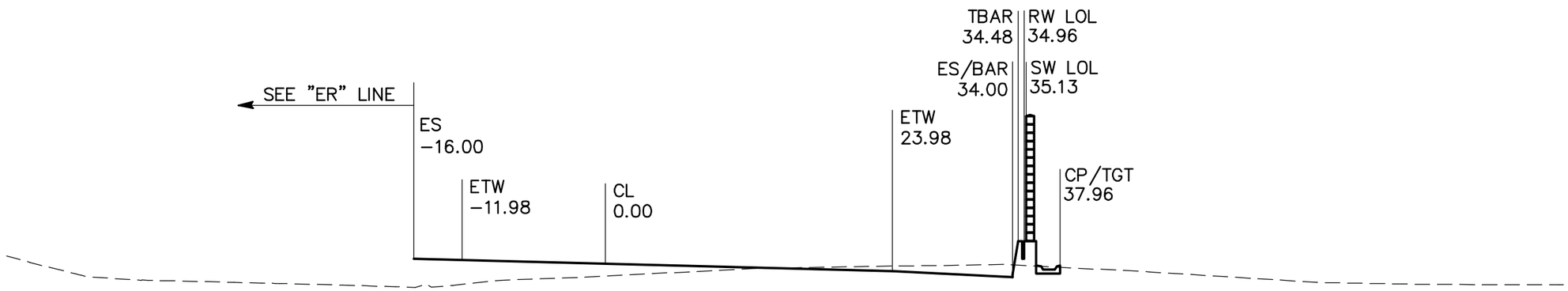
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"REF" LINE
STATION 48+17.00

SEE "ER" LINE	ES	ETW	CL	ETW	ES/BAR	TBAR	RW LOL	SW LOL	CP/TGT
Elev	42.14	42.03	41.73	41.12	40.62	43.62			(41.57)
Dist	15.97	11.95	0.00	23.95	34.00	34.48	34.96	35.13	37.96
X−Slope	2.54%	2.54%		−2.54%	−5.00%				

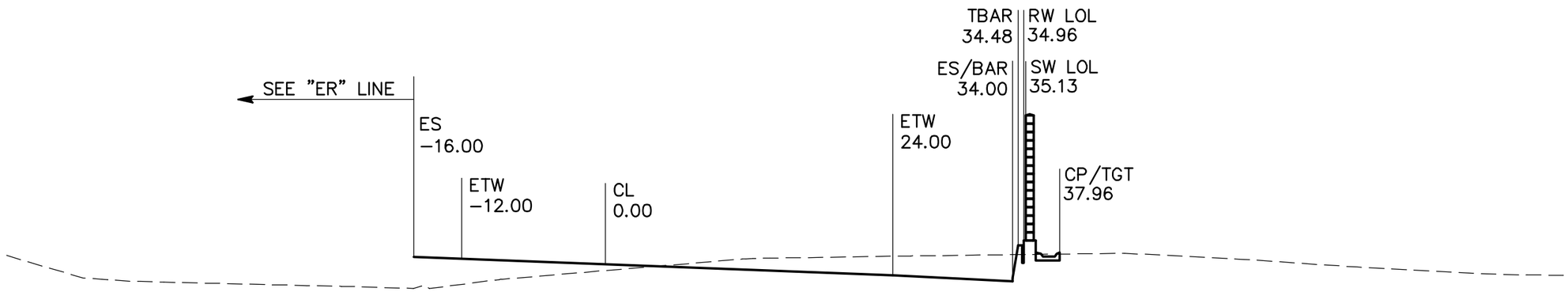
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"REF" LINE
STATION 48+17.30

SEE "ER" LINE	ES	ETW	CL	ETW	ES/BAR	TBAR	RW LOL	SW LOL	CP/TGT
Elev	42.13	42.03	41.72	41.11	40.61	43.61			(41.58)
Dist	16.00	11.98	0.00	23.98	34.00	34.48	34.96	35.13	37.96
X−Slope	2.56%	2.55%		−2.55%	−5.00%				

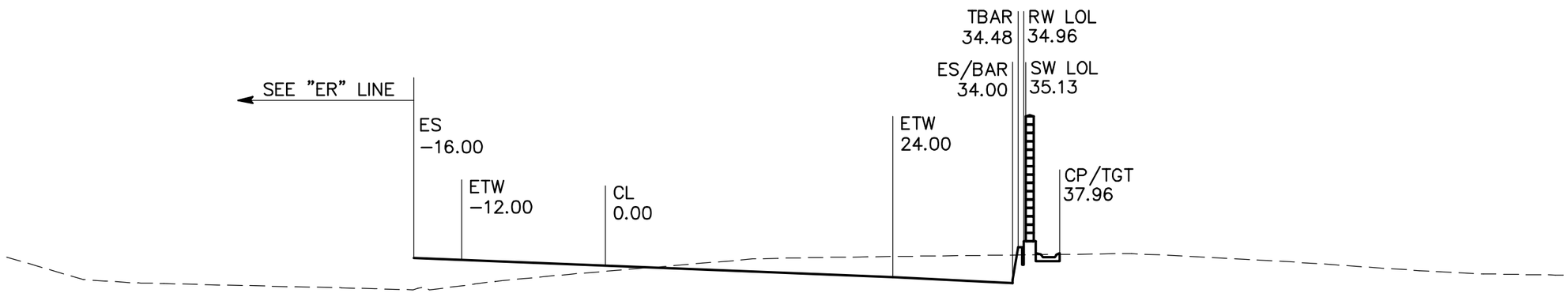
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"REF" LINE
STATION 48+50.00

SEE "ER" LINE	ES	ETW	CL	ETW	ES/BAR	TBAR	RW LOL	SW LOL	CP/TGT
Elev	41.58	41.42	40.96	40.03	39.53	42.53			(41.92)
Dist	16.00	12.00	0.00	24.00	34.00	34.48	34.96	35.13	37.96
X−Slope	3.86%	3.86%		−3.86%	−5.00%				

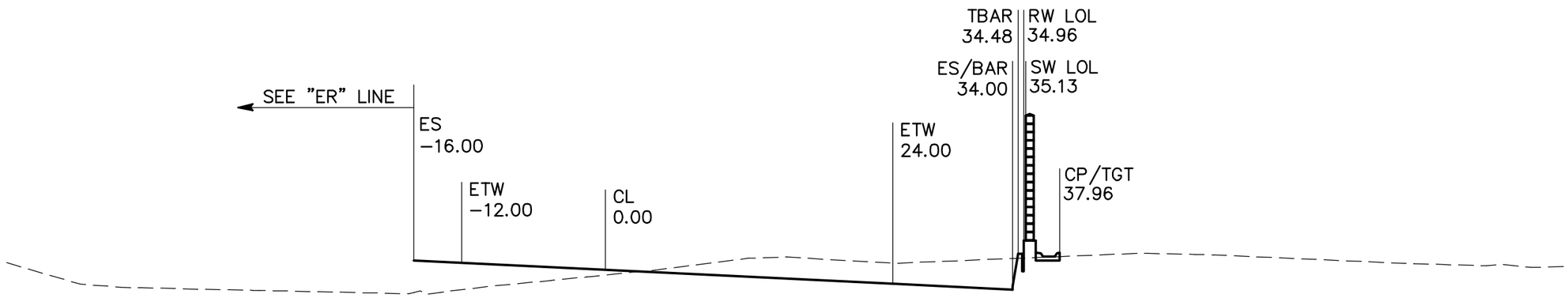
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"REF" LINE
STATION 48+53.59

SEE "ER" LINE	ES	ETW	CL	ETW	ES/BAR	TBAR	RW LOL	SW LOL	CP/TGT
Elev	41.51	41.35	40.87	39.91	39.41	42.41			(41.90)
Dist	16.00	12.00	0.00	24.00	34.00	34.48	34.96	35.13	37.96
X−Slope	4.00%	4.00%		−4.00%	−5.00%				

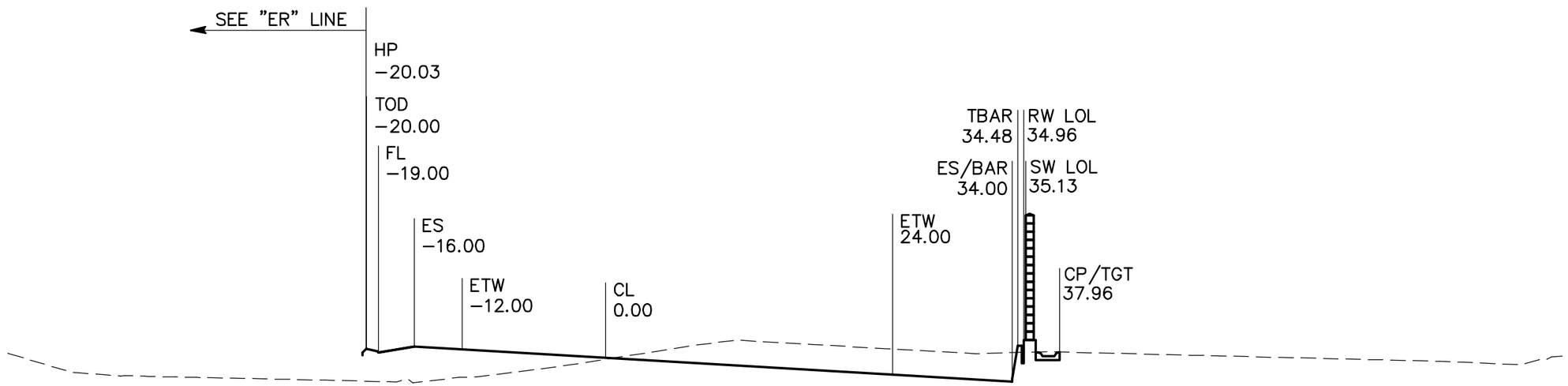
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"REF" LINE
STATION 48+75.00

SEE "ER" LINE	ES	ETW	CL	ETW	ES/BAR	TBAR	RW LOL	SW LOL	CP/TGT
Elev	41.11	40.91	40.33	39.16	38.66	41.66			(41.77)
Dist	16.00	12.00	0.00	24.00	34.00	34.48	34.96	35.13	37.96
X−Slope	4.85%	4.86%		−4.86%	−5.00%				

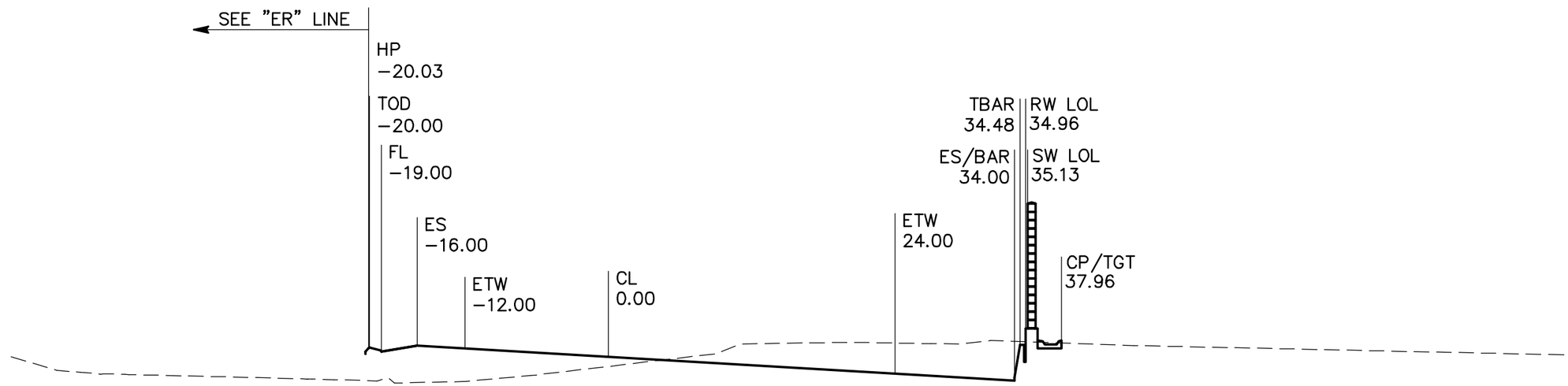
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"REF" LINE
STATION 49+00.00

SEE "ER" LINE	HP	TOD	FL	ES	ETW	CL	ETW	ES/BAR	TBAR	RW LOL	SW LOL	CP/TGT
Elev	40.39	40.42	40.09	40.59	40.35	39.65	38.24	37.66	40.66			(40.14)
Dist	20.03	20.00	19.00	16.00	12.00	0.00	24.00	34.00	34.48	34.96	35.13	37.96
X−Slope			−16.67%	5.86%	5.86%		−5.86%	−5.86%				

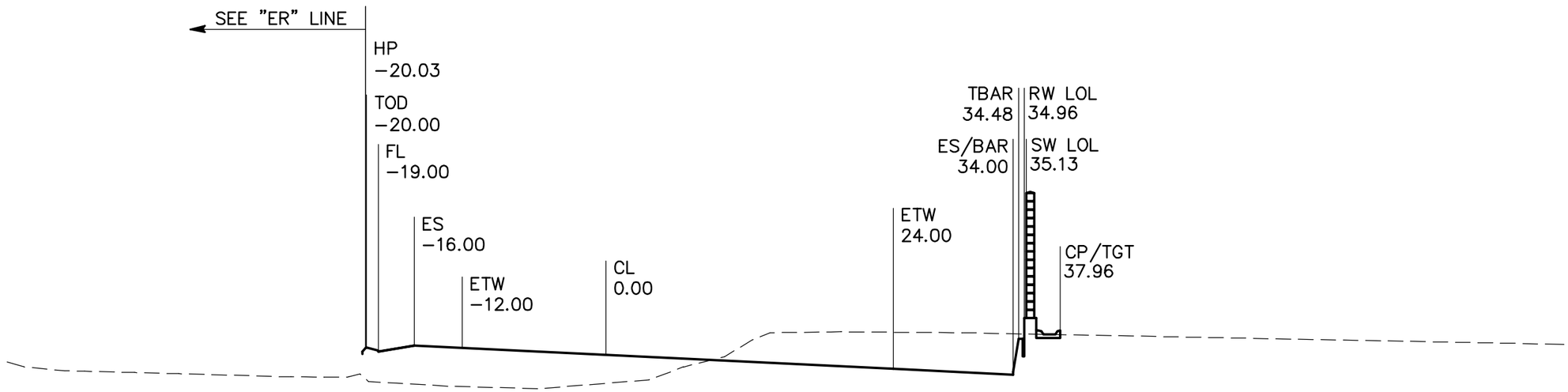
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"REF" LINE
STATION 49+25.00

SEE "ER" LINE	HP	TOD	FL	ES	ETW	CL	ETW	ES/BAR	TBAR	RW LOL	SW LOL	CP/TGT
Elev	39.67	39.69	39.37	39.87	39.63	38.93	37.52	36.93	39.93			(40.31)
Dist	20.03	20.00	19.00	16.00	12.00	0.00	24.00	34.00	34.48	34.96	35.13	37.96
X−Slope			−16.67%	5.87%	5.87%		−5.87%	−5.87%				

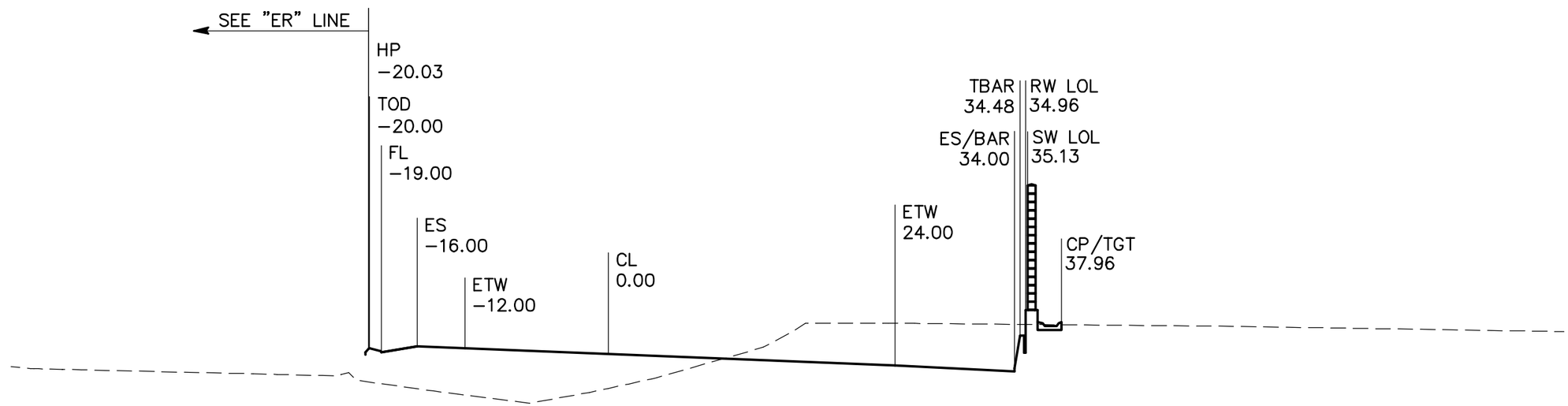
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"REF" LINE
STATION 49+50.00

SEE "ER" LINE	HP	TOD	FL	ES	ETW	CL	ETW	ES/BAR	TBAR	RW LOL	SW LOL	CP/TGT
Elev	38.74	38.77	38.44	38.94	38.74	38.16	36.99	36.49	39.49			(40.21)
Dist	20.03	20.00	19.00	16.00	12.00	0.00	24.00	34.00	34.48	34.96	35.13	37.96
X−Slope			−16.67%	4.88%	4.87%		−4.87%	−5.00%				

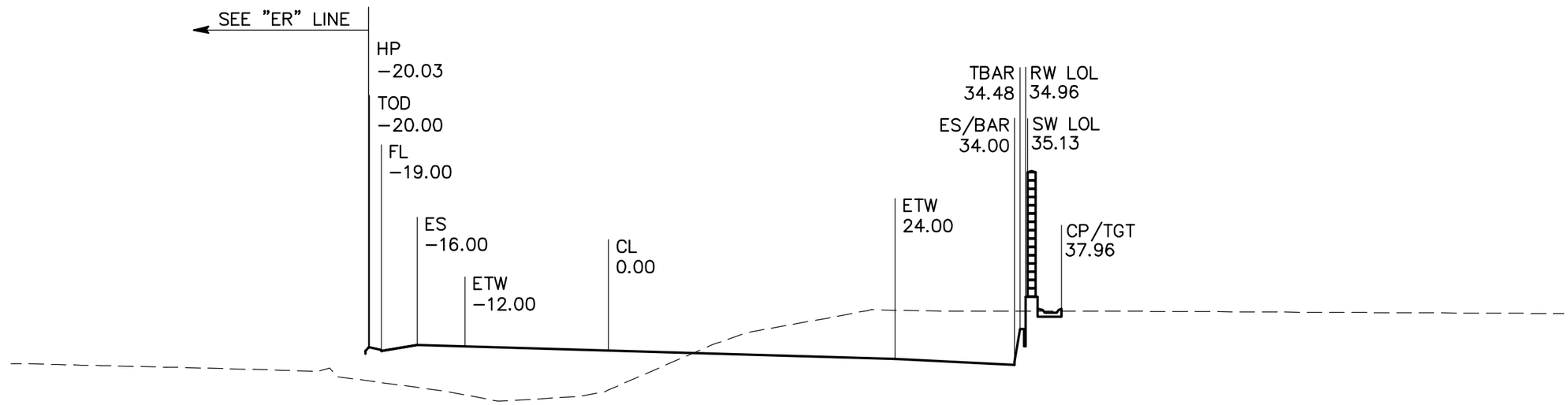
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"REF" LINE
STATION 49+71.74

SEE "ER" LINE	HP	TOD	FL	ES	ETW	CL	ETW	ES/BAR	TBAR	RW LOL	SW LOL	CP/TGT
Elev	37.89	37.92	37.59	38.09	37.93	37.45	36.49	35.99	38.99			(40.11)
Dist	20.03	20.00	19.00	16.00	12.00	0.00	24.00	34.00	34.48	34.96	35.13	37.96
X−Slope			−16.67%	4.00%	4.00%		−4.00%	−5.00%				

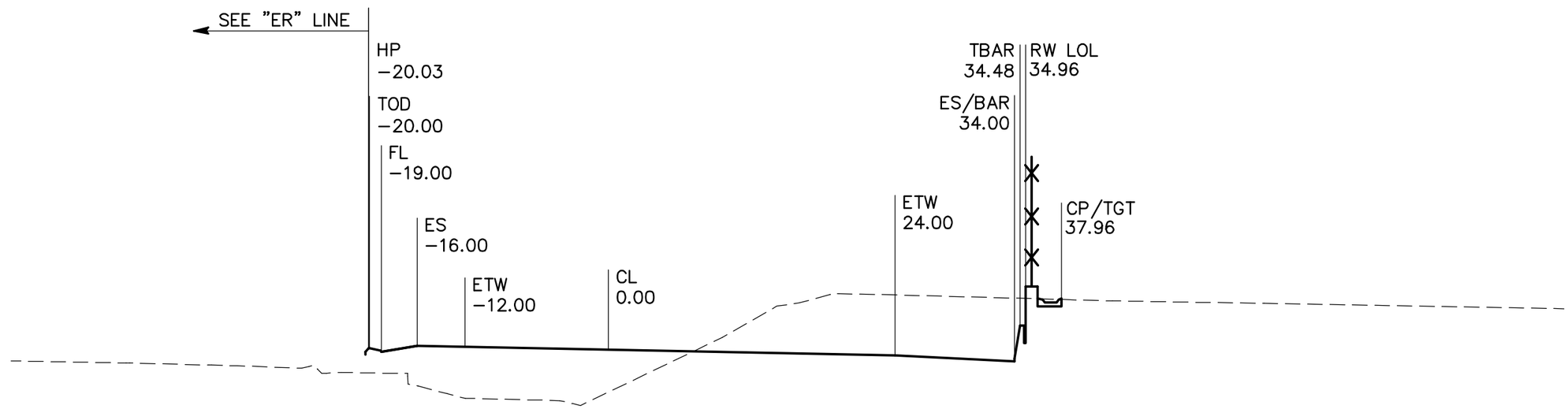
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"REF" LINE
STATION 50+00.00

SEE "ER" LINE	HP	TOD	FL	ES	ETW	CL	ETW	ES/BAR	TBAR	RW LOL	SW LOL	CP/TGT
Elev	36.75	36.78	36.45	36.95	36.83	36.49	35.80	35.30	38.30			(40.21)
Dist	20.03	20.00	19.00	16.00	12.00	0.00	24.00	34.00	34.48	34.96	35.13	37.96
X−Slope			−16.67%	2.87%	2.87%		−2.87%	−5.00%				

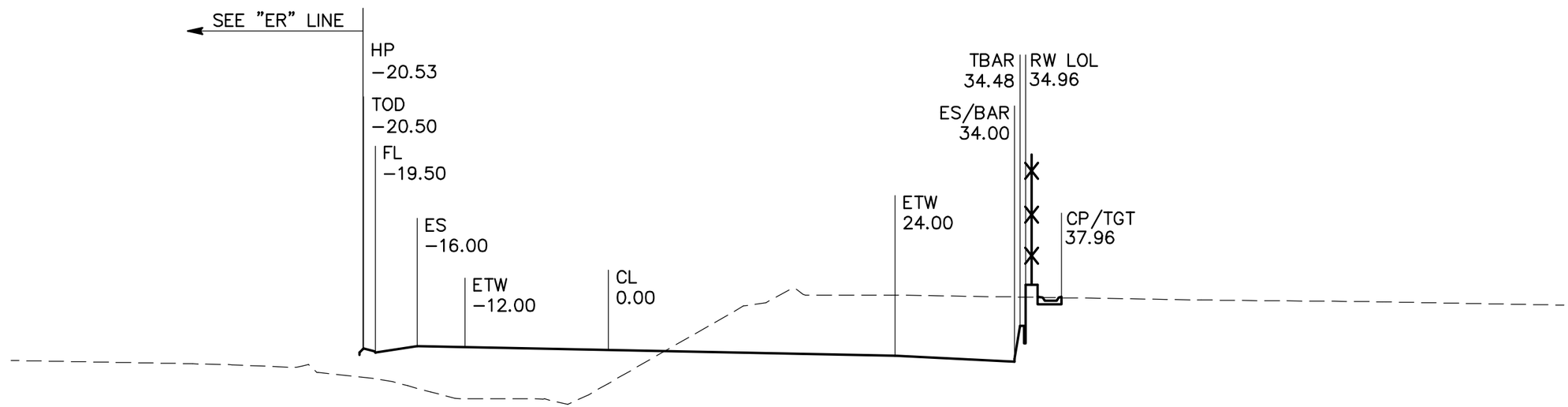
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"REF" LINE
STATION 50+24.86

SEE "ER" LINE	HP	TOD	FL	ES	ETW	CL	ETW	ES/BAR	TBAR	RW LOL	CP/TGT
Elev	35.71	35.73	35.41	35.91	35.83	35.59	35.11	34.61	37.61		(39.88)
Dist	20.03	20.00	19.00	16.00	12.00	0.00	24.00	34.00	34.48	34.96	37.96
X−Slope			−16.67%	2.00%	2.00%		−2.00%	−5.00%			

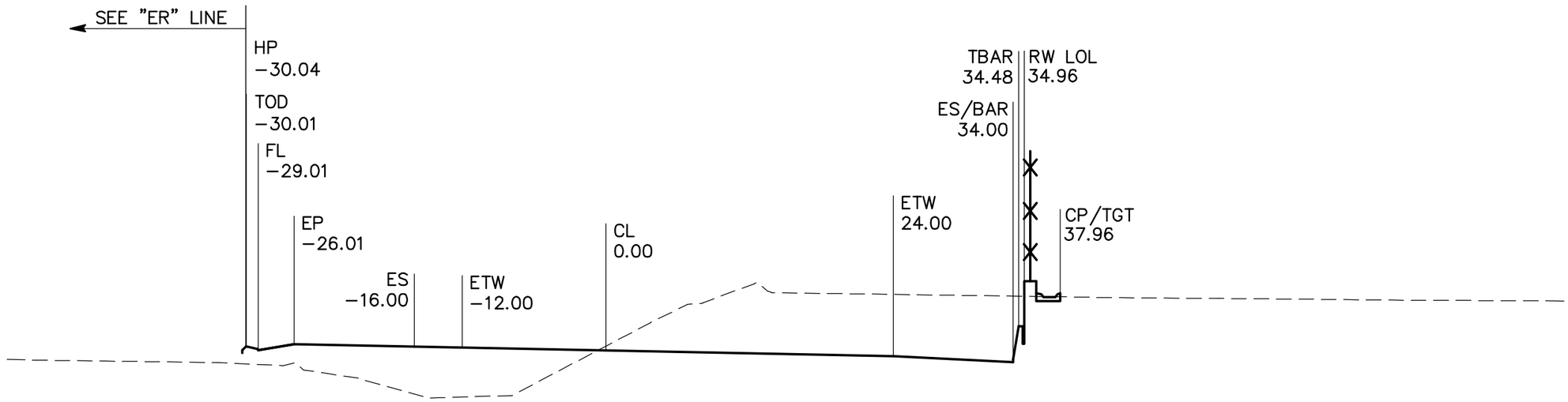
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"REF" LINE
STATION 50+33.31

SEE "ER" LINE	HP	TOD	FL	ES	ETW	CL	ETW	ES/BAR	TBAR	RW LOL	CP/TGT
Elev	35.38	35.40	35.08	35.60	35.52	35.28	34.80	34.30	37.30		(39.76)
Dist	20.53	20.50	19.50	16.00	12.00	0.00	24.00	34.00	34.48	34.96	37.96
X−Slope			−14.95%	2.00%	2.00%		−2.00%	−5.00%			

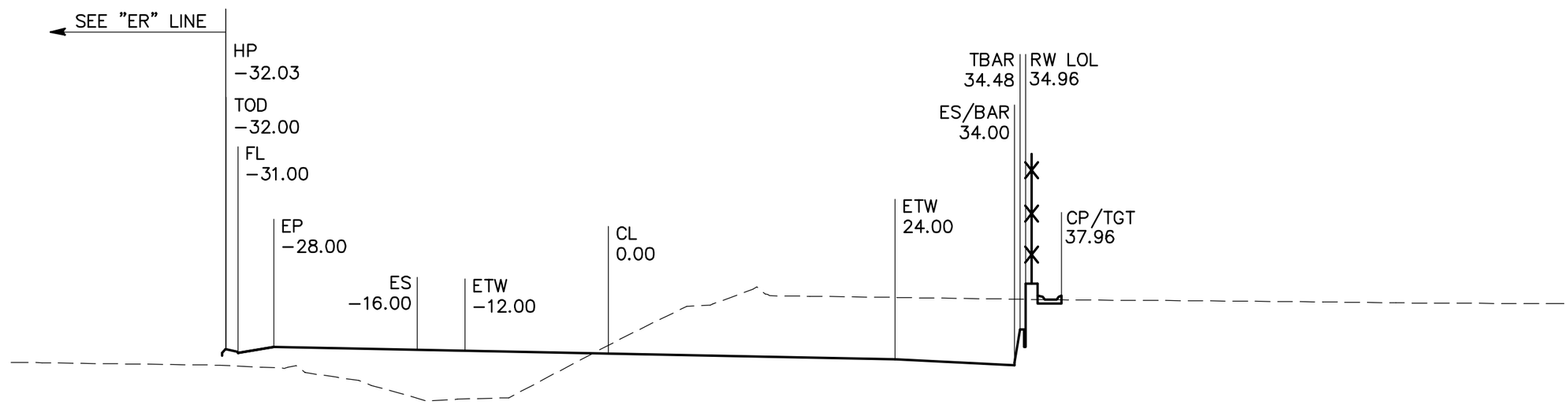
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"REF" LINE
STATION 50+50.00

SEE "ER" LINE	HP	TOD	FL	EP	ES	ETW	CL	ETW	ES/BAR	TBAR	RW LOL	CP/TGT
Elev	34.98	35.01	34.68	35.18	34.98	34.90	34.66	34.18	33.68	36.68		(39.46)
Dist	30.04	30.01	29.01	26.01	16.00	12.00	0.00	24.00	34.00	34.48	34.96	37.96
X−Slope			−16.67%	2.00%	2.00%	2.00%		−2.00%	−5.00%			

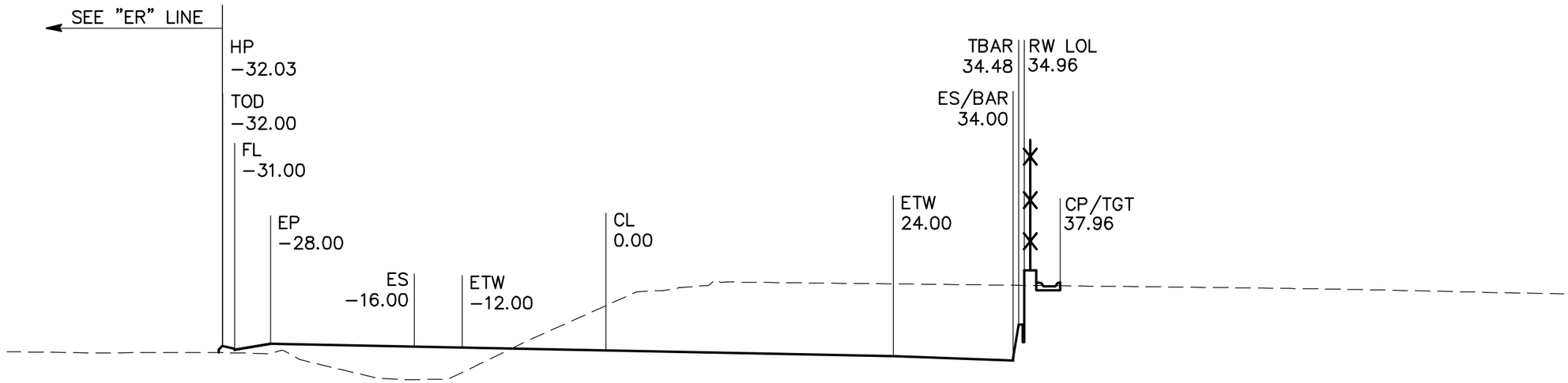
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"REF" LINE
STATION 50+53.31

SEE "ER" LINE	HP	TOD	FL	EP	ES	ETW	CL	ETW	ES/BAR	TBAR	RW LOL	CP/TGT
Elev	34.90	34.92	34.60	35.10	34.86	34.78	34.54	34.06	33.56	36.56		(39.40)
Dist	32.03	32.00	31.00	28.00	16.00	12.00	0.00	24.00	34.00	34.48	34.96	37.96
X−Slope			−16.67%	2.00%	2.00%	2.00%		−2.00%	−5.00%			

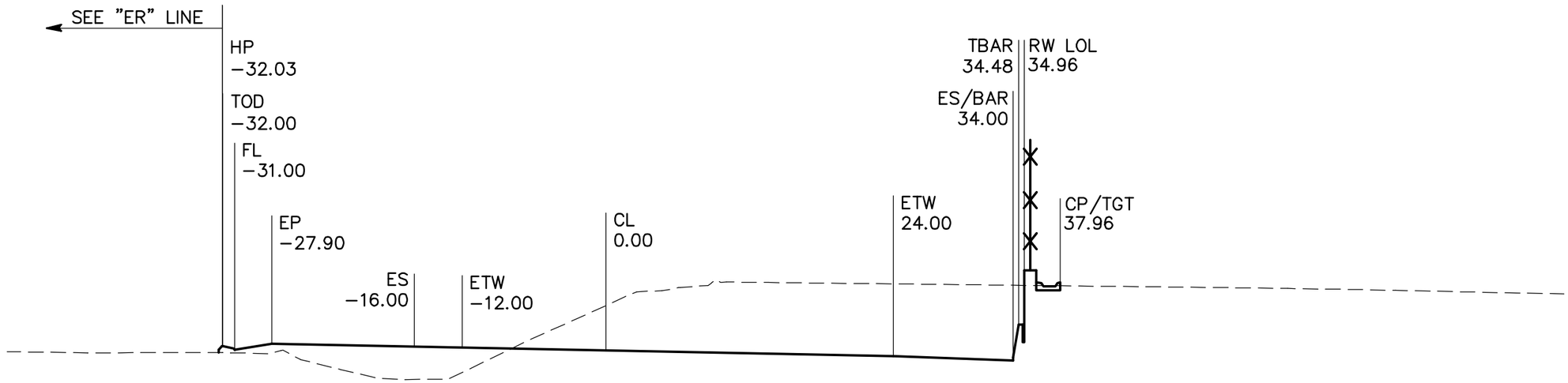
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"REF" LINE
STATION 50+98.31

SEE "ER" LINE	HP	TOD	FL	EP	ES	ETW	CL	ETW	ES/BAR	TBAR	RW LOL	CP/TGT
Elev	33.23	33.25	32.93	33.43	33.19	33.11	32.87	32.39	32.04	35.04		(38.58)
Dist	32.03	32.00	31.00	28.00	16.00	12.00	0.00	24.00	34.00	34.48	34.96	37.96
X−Slope			−16.67%	2.00%	2.00%	2.00%		−2.00%	−3.54%			

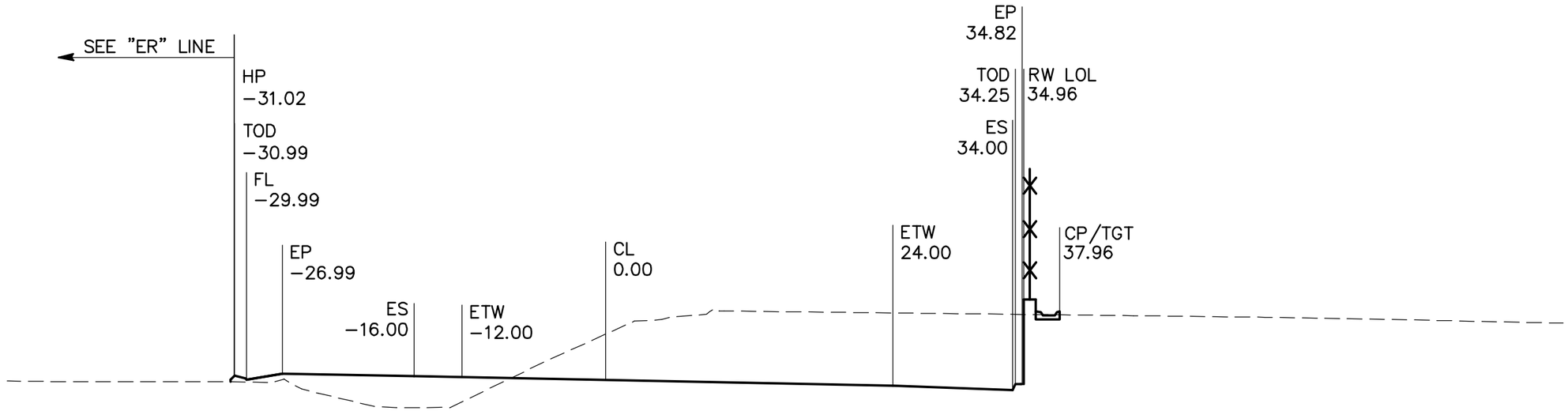
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"REF" LINE
STATION 50+98.48

SEE "ER" LINE	HP	TOD	FL	EP	ES	ETW	CL	ETW	ES/BAR	TBAR	RW LOL	CP/TGT
Elev	33.22	33.24	32.92	33.43	33.19	33.11	32.87	32.39	32.04	35.04		(38.58)
Dist	32.03	32.00	31.00	27.90	16.00	12.00	0.00	24.00	34.00	34.48	34.96	37.96
X−Slope			−16.29%	2.00%	2.00%	2.00%		−2.00%	−3.53%			

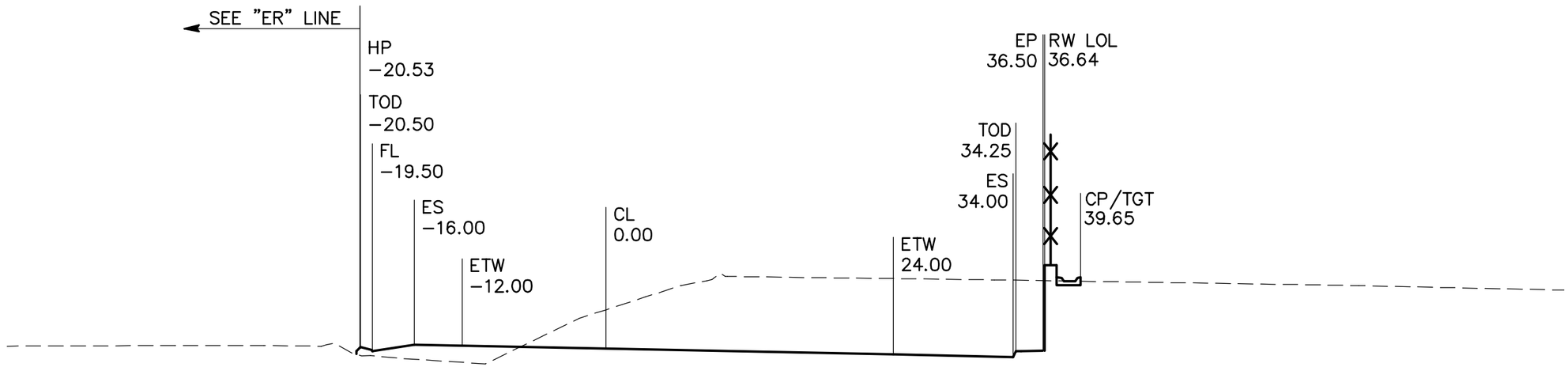
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"REF" LINE
STATION 51+00.00

SEE "ER" LINE	HP	TOD	FL	EP	ES	ETW	CL	ETW	ES	TOD	EP	RW LOL	CP/TGT
Elev	33.15	33.17	32.85	33.35	33.13	33.05	32.81	32.33	31.99	32.49	32.49		(38.55)
Dist	31.02	30.99	29.99	26.99	16.00	12.00	0.00	24.00	34.00	34.25	34.82	34.96	37.96
X−Slope			−16.67%	2.00%	2.00%	2.00%		−2.00%	−3.43%		0.53%		

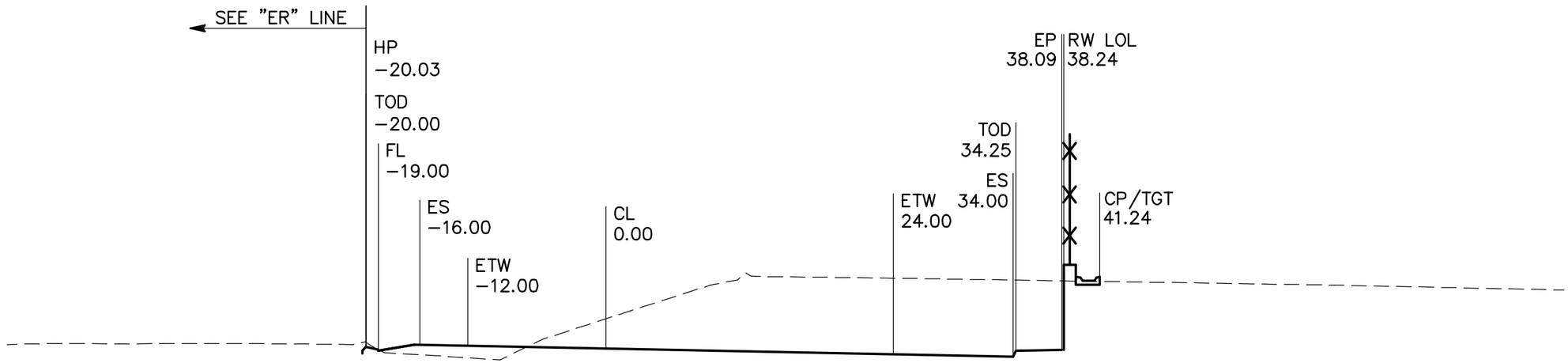
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"REF" LINE
STATION 51+18.31

SEE "ER" LINE	HP	TOD	FL	ES	ETW	CL	ETW	ES	TOD	EP	RW LOL	CP/TGT
Elev	32.35	32.37	32.05	32.57	32.49	32.25	31.77	31.54	32.04	32.07		(38.22)
Dist	20.53	20.50	19.50	16.00	12.00	0.00	24.00	34.00	34.25	36.50	36.64	39.65
X−Slope			−14.94%	2.00%	2.00%	2.00%	−2.00%	−2.34%		1.65%		

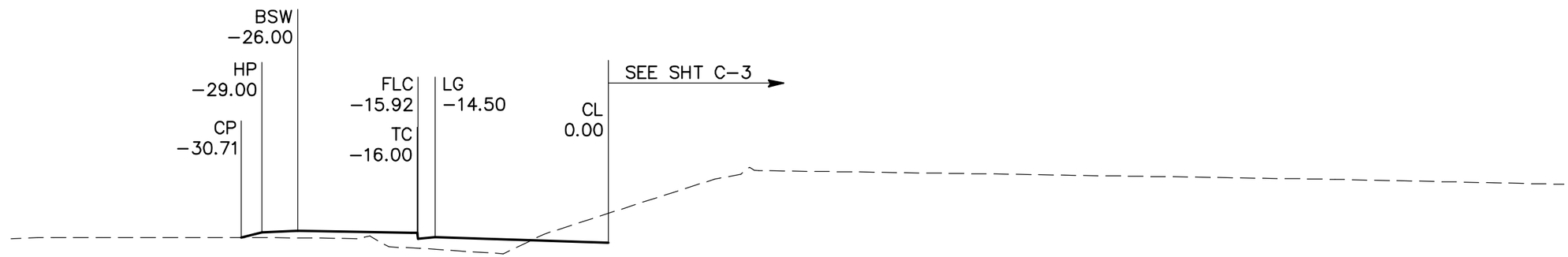
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"REF" LINE
STATION 51+25.79

SEE "ER" LINE	HP	TOD	FL	ES	ETW	CL	ETW	ES	TOD	EP	RW LOL	CP/TGT
Elev	32.20	32.22	31.90	32.40	32.32	32.08	31.60	31.40	31.90	31.97		(38.08)
Dist	20.03	20.00	19.00	16.00	12.00	0.00	24.00	34.00	34.25	38.09	38.24	41.24
X−Slope			−16.67%	2.00%	2.00%	2.00%	−2.00%	−2.00%		1.77%		

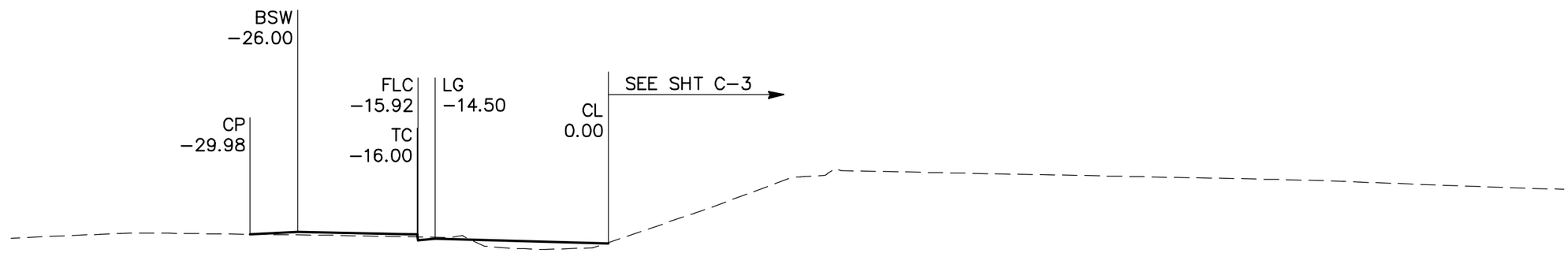
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"REF" LINE
STATION 51+26.14

	CP	HP	BSW	TC	FLC	LG	CL	SEE SHT C−3
Elev	32.51	32.93	33.08	32.89	32.39	32.52	32.07	
Dist	30.71	29.00	26.00	16.00	15.92	14.50	0.00	
X−Slope			1.90%			3.12%		

FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"REF" LINE
STATION 51+42.50

	CP	BSW	TC	FLC	LG	CL	SEE SHT C−3
Elev	32.58	32.78	32.59	32.09	32.22	31.81	
Dist	29.98	26.00	16.00	15.92	14.50	0.00	
X−Slope		1.90%			2.80%		

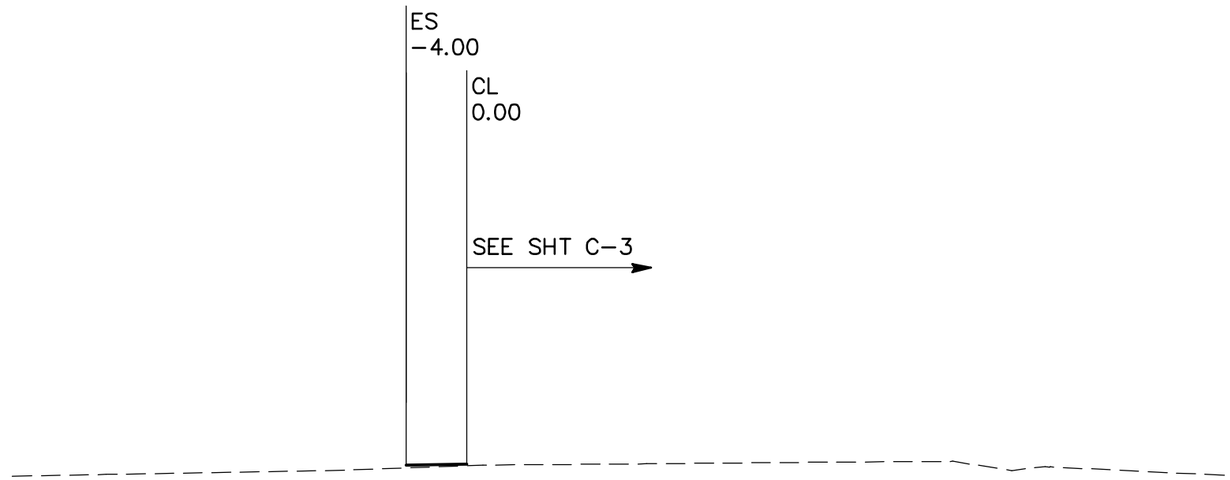
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1

CROSS SECTIONS

ROUTE 4 (EAST) WIDENING

SECTION XI

"REN" LINE – (SHEET 1–41)



"REN" LINE
STATION 52+77.49

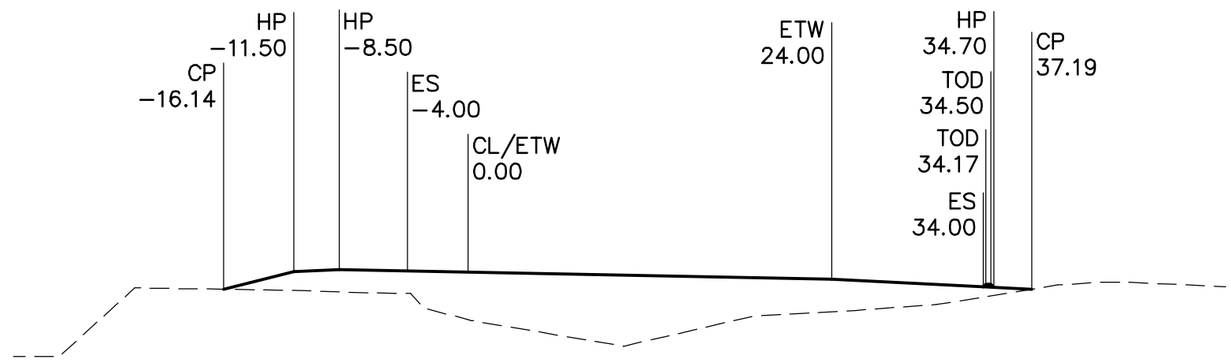
	ES	CL/ETW	SEE SHT C-3
Elev	32.38	32.44	
Dist	4.00	0.00	
X-Slope	-1.50%		

LEGEND:

(XX.XX) EXISTING GROUND ELEVATION

ABBREVIATIONS:

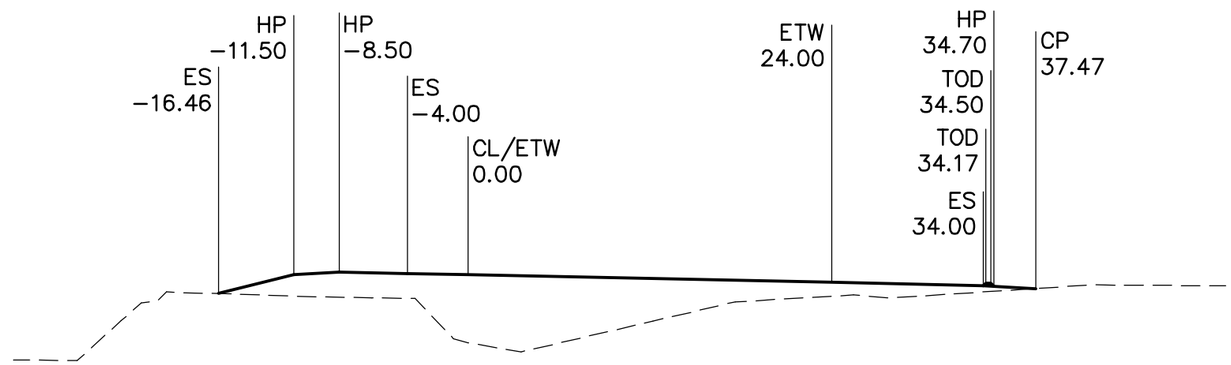
BAR – Barrier Face
BBAR – Back of Barrier
BSW – Back of Sidewalk
BWALL – Back of Wall
CL – Centerline
CP – Catch Point
EC – Edge of Concrete
EG – Edge of Gutter
EP – Edge of Pavement
ES – Edge of Shoulder
ETW – Edge of Traveled Way
FL – Paved or unpaved Flow Line
FLC – Flow Line Curb
FWALL – Face of Wall
GB – Grade Break
HP – Hinge Point
ML – Match Line
LG – Lip of Gutter
P – Pavement
PG – Profile Grade
R/W – Right of Way
RW LOL – Retaining Wall Layout Line
S/C – Saw Cut Line
SW LOL – Sound Wall Layout Line
TBAR – Top of Barrier
TC – Top of Curb
TDITCH – Top of Ditch
TE – Top of Embankment
TGT – Top of Gutter
TOD – Top of Dike
TSW – Top of Swale



"REN" LINE
STATION 52+96.96

	CP	HP	HP	ES	CL/ETW	ETW	ES	TOD	TOD	HP	CP
Elev	31.33	32.49	32.64	32.55	32.47	31.99	31.49	31.65	31.65	31.45	31.33
Dist	16.14	11.50	8.50	4.00	0.00	24.00	34.00	34.17	34.50	34.70	37.19
X−Slope	−25.00%	−5.00%	2.00%	2.00%		−2.00%	−5.00%				−4.82%

FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"REN" LINE
STATION 53+00.00

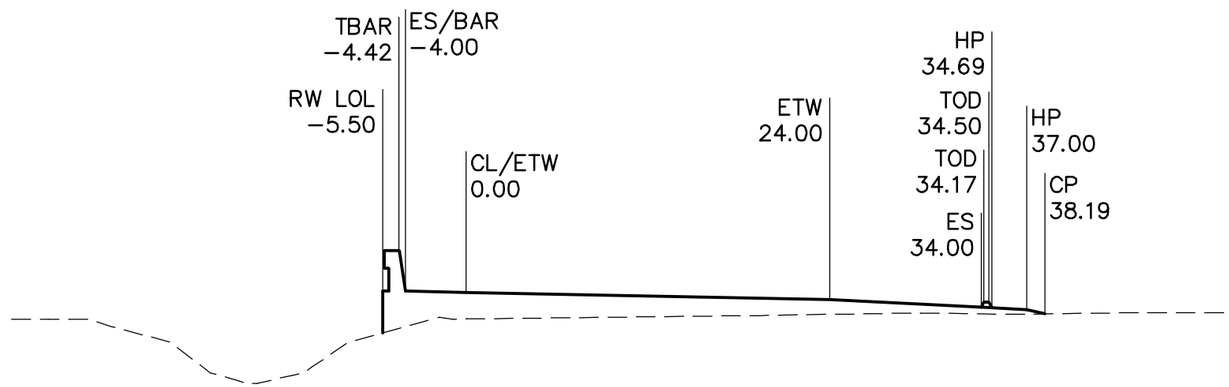
Elev	CP	HP	HP	ETW	CL/ETW	ETW	ES	TOD	TOD	HP	CP
Dist	31.26	32.50	32.65	32.56	32.48	32.00	31.74	31.91	31.91	31.71	31.57
X−Slope	16.46	11.50	8.50	4.00	0.00	24.00	34.00	34.17	34.50	34.70	37.47
	−25.00%	−5.00%	2.00%	2.00%		−2.00%	−2.60%				−5.05%

FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1

"REN" LINE
STATION 53+25.00

	BBAR	TBAR	TBAR	ES/BAR	CL/ETW	ETW	ES	TOD	TOD	HP	CP
Elev	31.20	35.85	35.85	32.85	32.77	32.29	31.88	32.21	32.21	31.85	31.84
Dist	6.27	5.52	4.48	4.00	0.00	24.00	34.00	34.17	34.50	34.69	34.86
X−Slope				2.00%		−2.00%	−4.10%				−5.88%

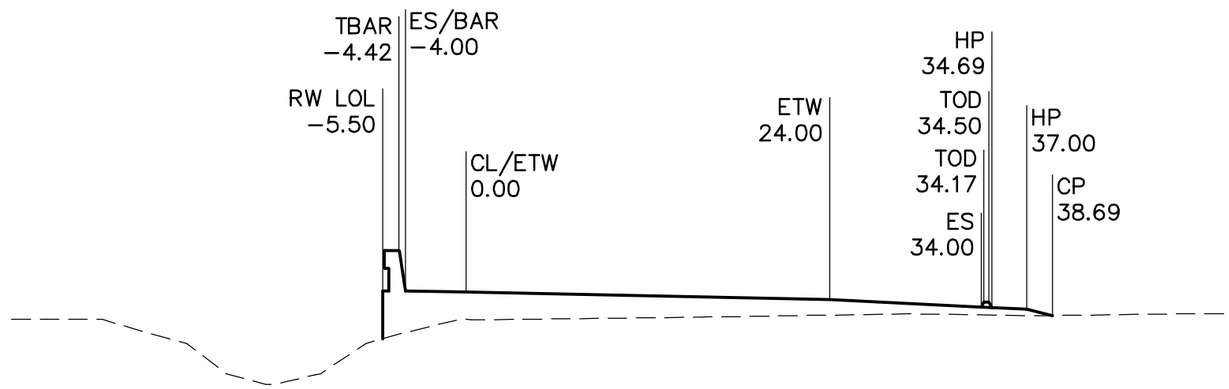
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"REN" LINE
STATION 53+50.00

	RW LOL	TBAR	ES/BAR	CL/ETW	ETW	ES	TOD	TOD	HP	HP	CP
Elev	(30.62)	36.05	33.38	33.30	32.82	32.32	32.65	32.65	32.29	32.17	31.87
Dist	5.50	4.42	4.00	0.00	24.00	34.00	34.17	34.50	34.69	37.00	38.19
X−Slope			2.00%		−2.00%	−5.00%				−5.00%	−25.21%

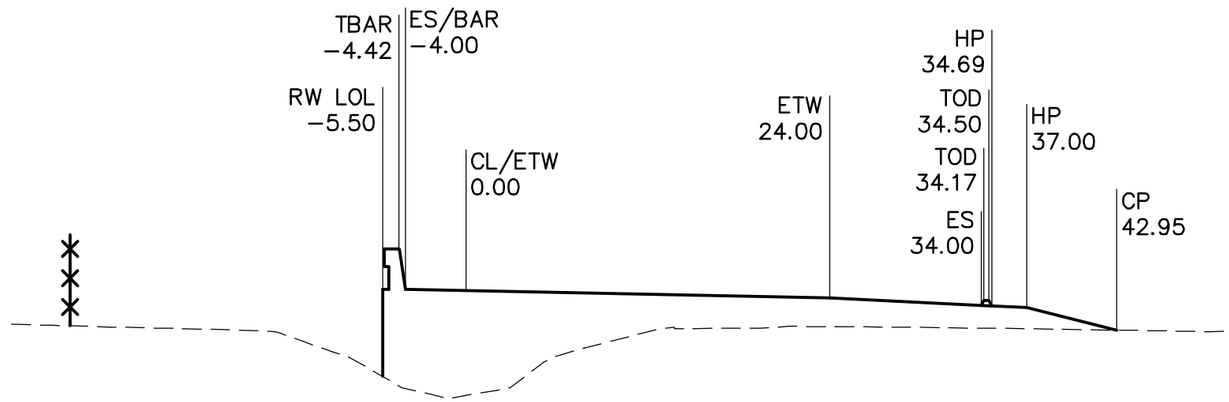
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"REN" LINE
STATION 53+52.92

	RW LOL	TBAR	ES/BAR	CL/ETW	ETW	ES	TOD	TOD	HP	HP	CP
Elev	(30.30)	36.13	33.46	33.38	32.90	32.40	32.73	32.73	32.37	32.25	31.83
Dist	5.50	4.42	4.00	0.00	24.00	34.00	34.17	34.50	34.69	37.00	38.69
X−Slope			2.00%		−2.00%	−5.00%				−5.19%	−24.85%

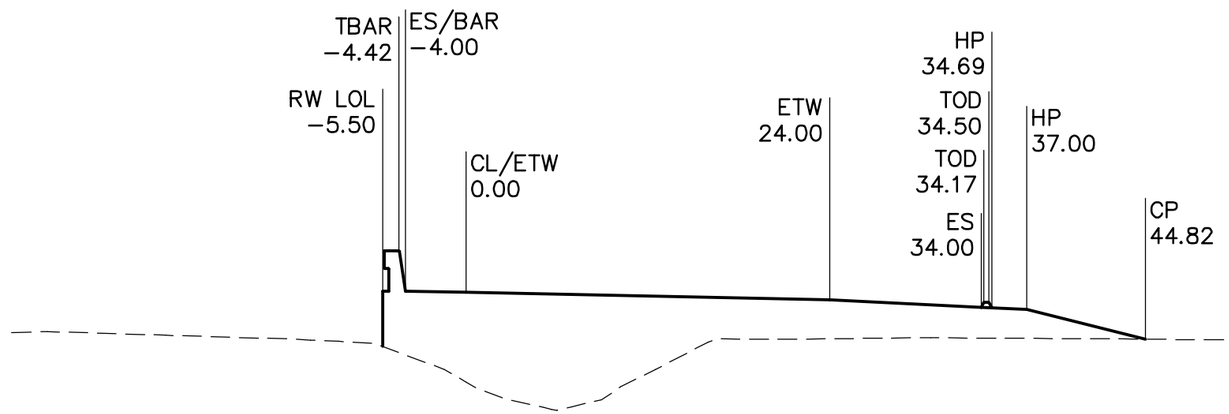
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"REN" LINE
STATION 53+83.33

	RW LOL	TBAR	ES/BAR	CL/ETW	ETW	ES	TOD	TOD	HP	HP	CP
Elev	(28.75)	37.16	34.49	34.41	33.93	33.43	33.76	33.76	33.40	33.28	31.79
Dist	5.50	4.42	4.00	0.00	24.00	34.00	34.17	34.50	34.69	37.00	42.95
X−Slope			2.00%		−2.00%	−5.00%				−5.19%	−25.04%

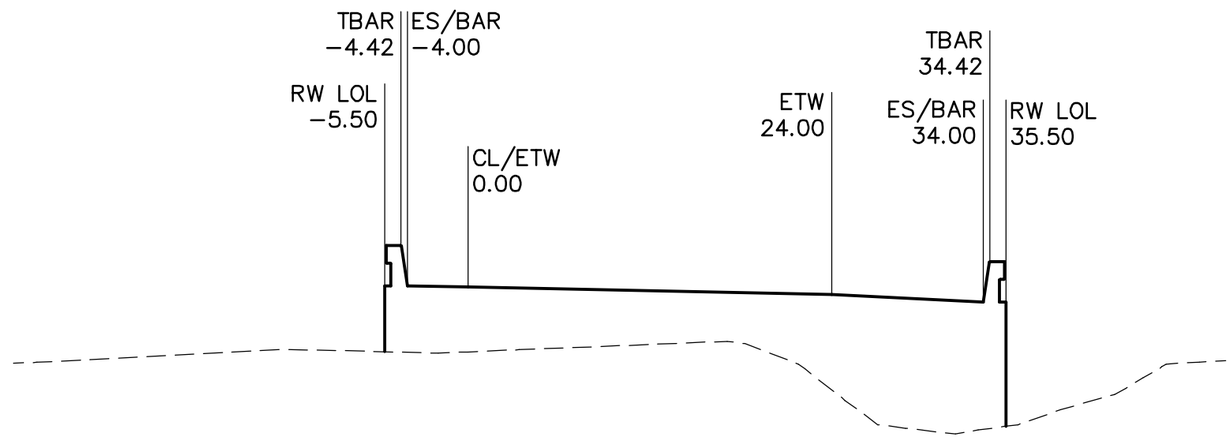
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"REN" LINE
STATION 54+00.00

	RW LOL	TBAR	ES/BAR	CL/ETW	ETW	ES	TOD	TOD	HP	HP	CP
Elev	(31.51)	37.82	35.16	35.08	34.60	34.10	34.43	34.43	34.06	33.95	31.99
Dist	5.50	4.42	4.00	0.00	24.00	34.00	34.17	34.50	34.69	37.00	44.82
X−Slope			2.00%		−2.00%	−5.00%				−4.76%	−25.06%

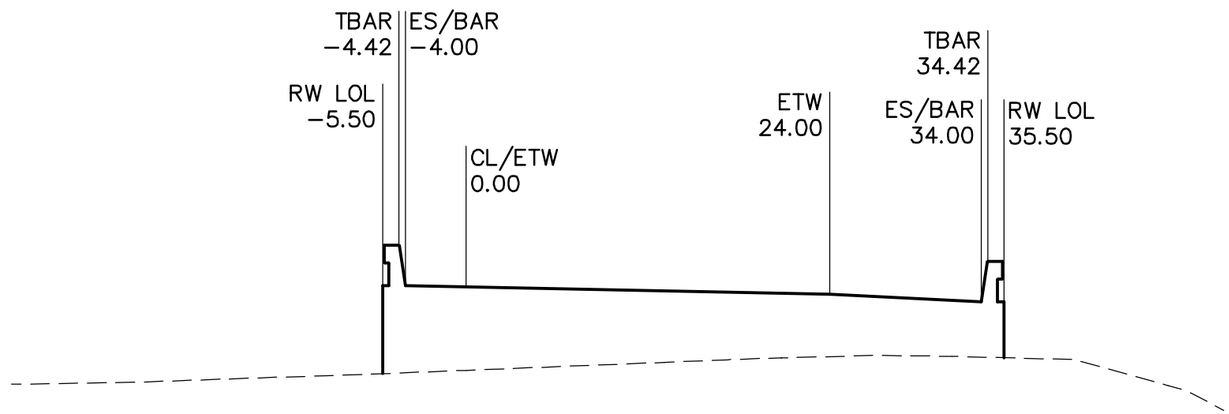
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"REN" LINE
STATION 54+50.00

	RW LOL	TBAR	ES/BAR	CL/ETW	ETW	ES/BAR	TBAR	RW LOL
Elev	(32.81)	39.82	37.16	37.08	36.60	36.10	38.76	(27.89)
Dist	5.50	4.42	4.00	0.00	24.00	34.00	34.42	35.50
X−Slope			2.00%		−2.00%	−5.00%		

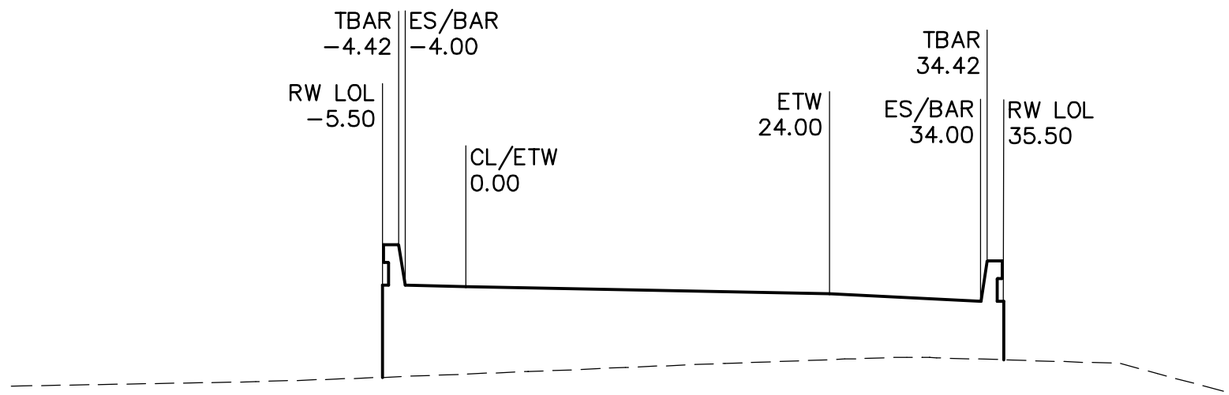
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"REN" LINE
STATION 54+93.17

	RW LOL	TBAR	ES/BAR	CL/ETW	ETW	ES/BAR	TBAR	RW LOL
Elev	(33.08)	41.55	38.88	38.80	38.32	37.82	40.49	(34.13)
Dist	5.50	4.42	4.00	0.00	24.00	34.00	34.42	35.50
X−Slope			2.00%		−2.00%	−5.00%		

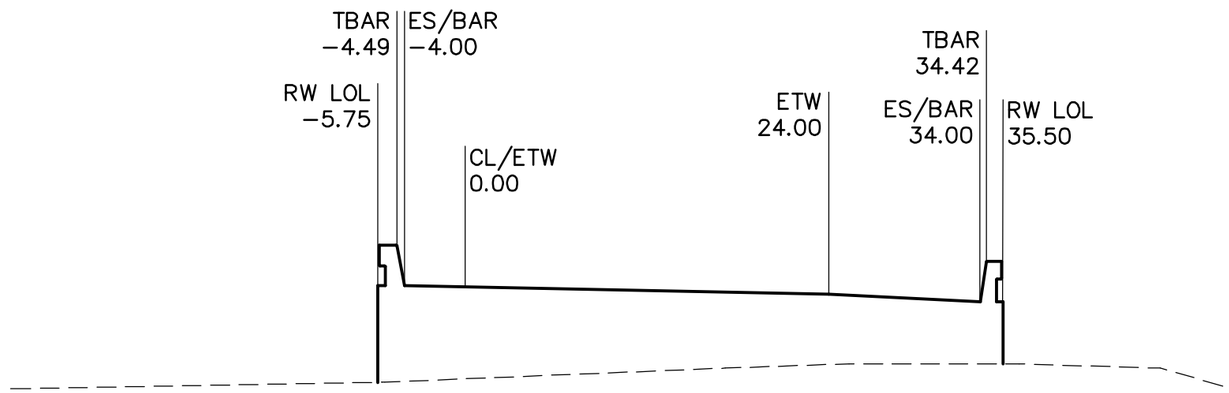
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"REN" LINE
STATION 55+00.00

	RW LOL	TBAR	ES/BAR	CL/ETW	ETW	ES/BAR	TBAR	RW LOL
Elev	(33.07)	41.82	39.16	39.08	38.60	38.10	40.76	(34.24)
Dist	5.50	4.42	4.00	0.00	24.00	34.00	34.42	35.50
X−Slope			2.00%		−2.00%	−5.00%		

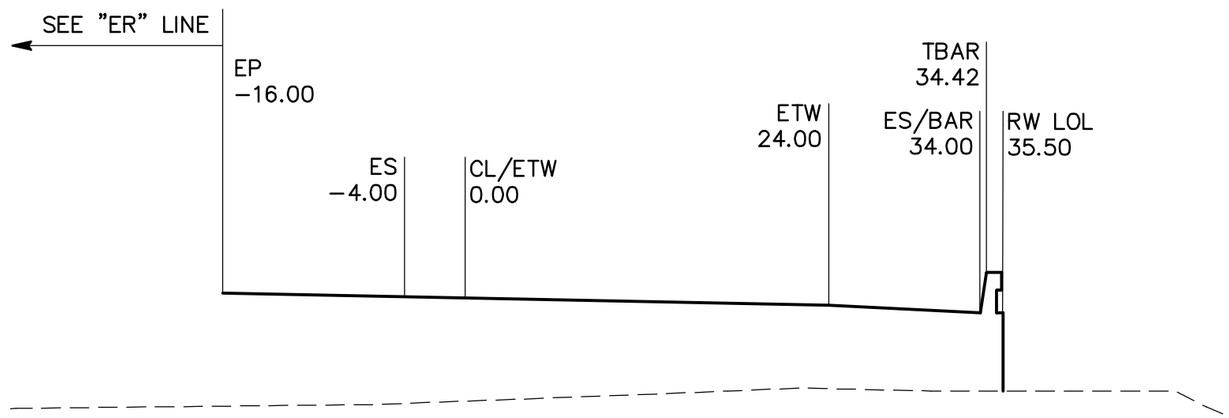
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"REN" LINE
STATION 55+07.50

	RW LOL	TBAR	ES/BAR	CL/ETW	ETW	ES/BAR	TBAR	RW LOL
Elev	(33.06)	42.12	39.45	39.37	38.89	38.39	41.06	(34.28)
Dist	5.75	4.49	4.00	0.00	24.00	34.00	34.42	35.50
X−Slope			2.00%		−2.00%	−5.00%		

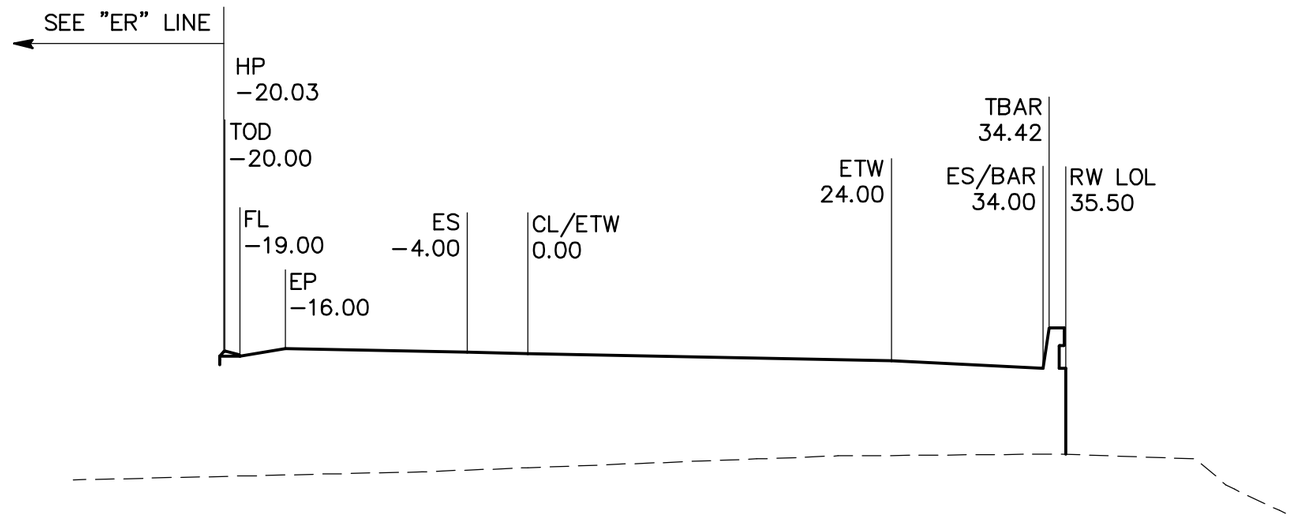
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"REN" LINE
STATION 55+27.50

SEE "ER" LINE	EP	ES	CL/ETW	ETW	ES/BAR	TBAR	RW LOL
Elev	40.45	40.21	40.13	39.65	39.15	41.82	(34.00)
Dist	16.00	4.00	0.00	24.00	34.00	34.42	35.50
X−Slope		2.00%		−2.00%	−5.00%		

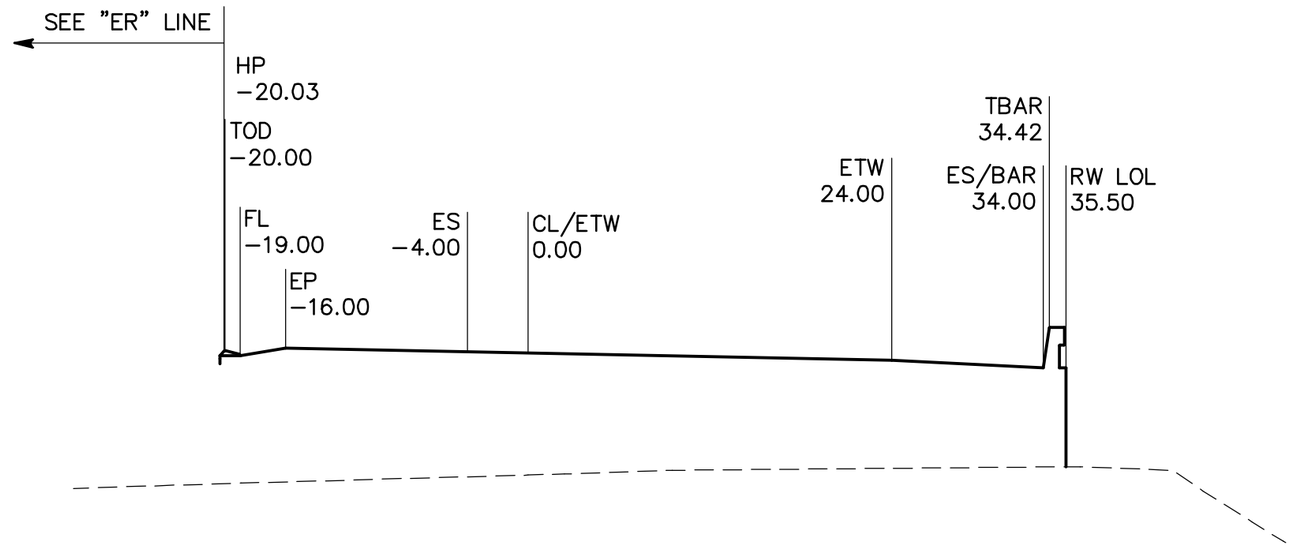
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"REN" LINE
STATION 55+50.00

SEE "ER" LINE	HP	TOD	FL	EP	ES	CL/ETW	ETW	ES/BAR	TBAR	RW LOL
Elev	41.08	41.1	40.78	41.28	41.04	40.96	40.48	39.98	42.65	(34.31)
Dist	20.03	20.00	19.00	16.00	4.00	0.00	24.00	34.00	34.42	35.50
X−Slope			−16.67%	2.00%	2.00%		−2.00%	−5.00%		

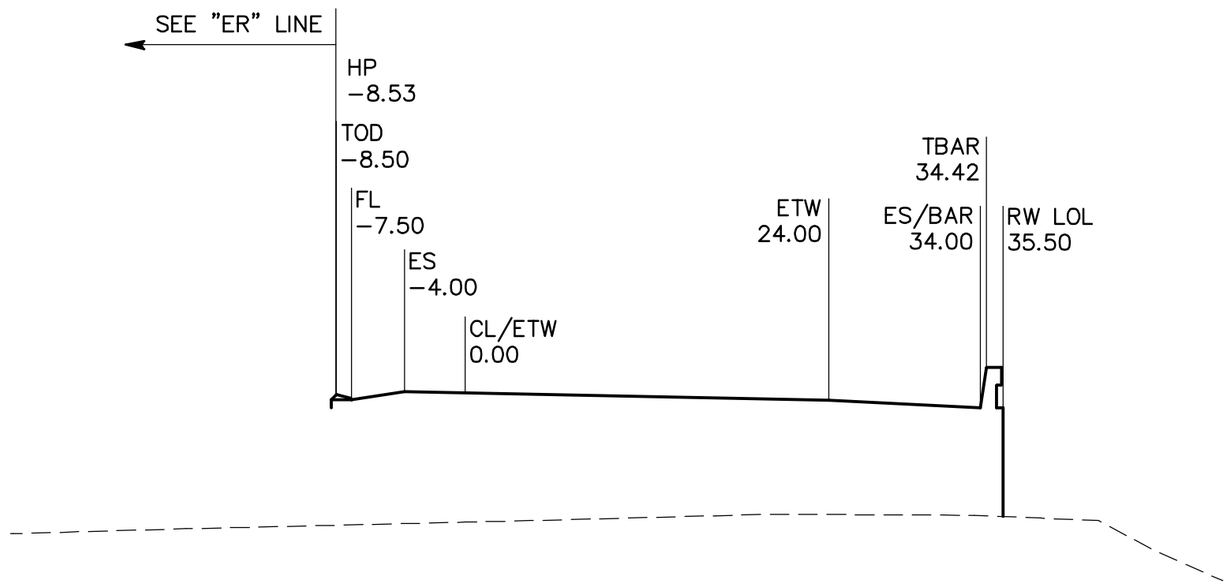
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"REN" LINE
STATION 55+72.50

SEE "ER" LINE	HP	TOD	FL	EP	ES	CL/ETW	ETW	ES/BAR	TBAR	RW LOL
Elev	41.87	41.89	41.57	42.07	41.83	41.75	41.27	40.77	43.44	(34.23)
Dist	20.03	20.00	19.00	16.00	4.00	0.00	24.00	34.00	34.42	35.50
X−Slope			−16.67%	2.00%	2.00%		−2.00%	−5.00%		

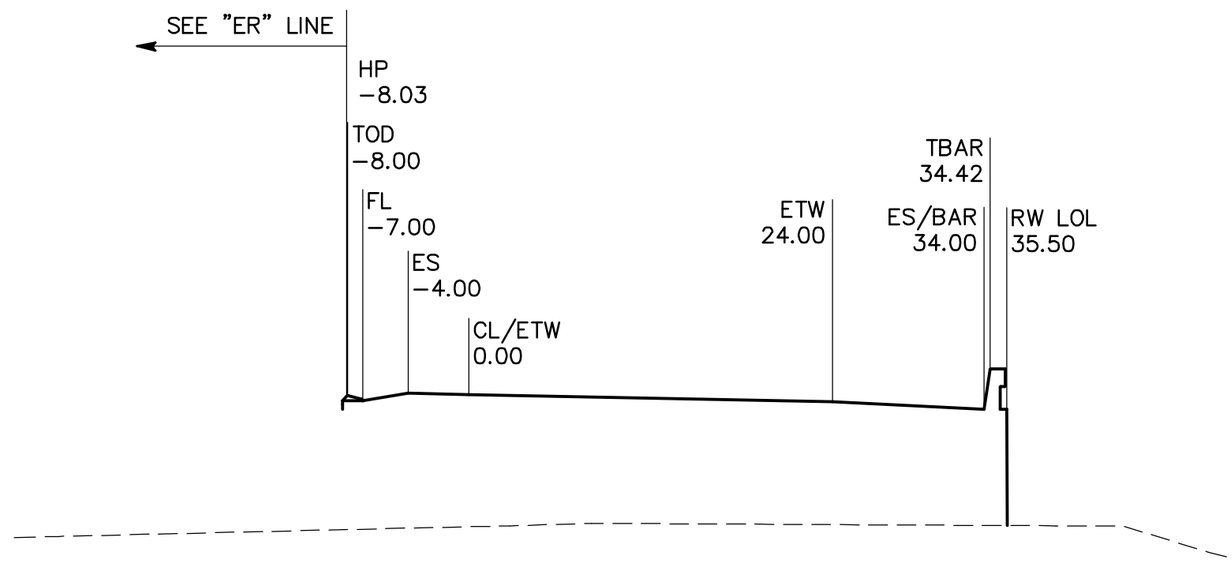
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"REN" LINE
STATION 55+92.50

SEE "ER" LINE	HP	TOD	FL	ES	CL/ETW	ETW	ES/BAR	TBAR	RW LOL
Elev	42.28	42.3	41.98	42.50	42.42	41.94	41.44	44.11	(34.28)
Dist	8.53	8.50	7.50	4.00	0.00	24.00	34.00	34.42	35.50
X−Slope			−14.86%	2.00%		−2.00%	−5.00%		

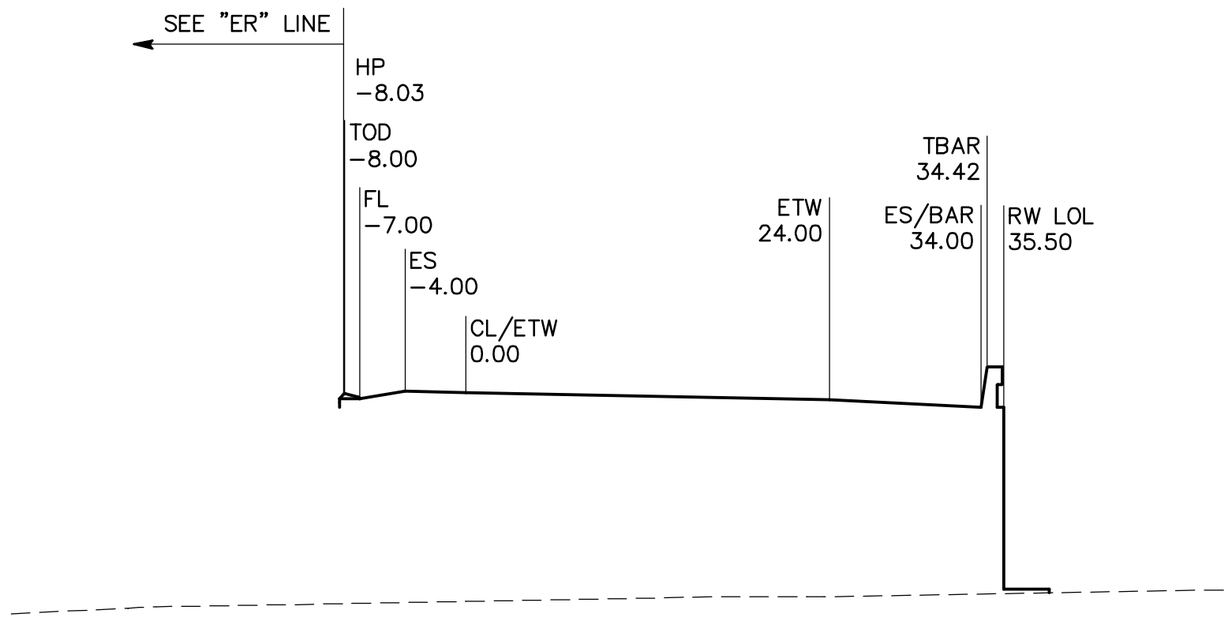
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"REN" LINE
STATION 56+00.00

SEE "ER" LINE	HP	TOD	FL	ES	CL/ETW	ETW	ES/BAR	TBAR	RW LOL
Elev	42.55	42.58	42.25	42.75	42.67	42.19	41.69	44.35	(34.02)
Dist	8.03	8.00	7.00	4.00	0.00	24.00	34.00	34.42	35.50
X−Slope			−16.67%	2.00%		−2.00%	−5.00%		

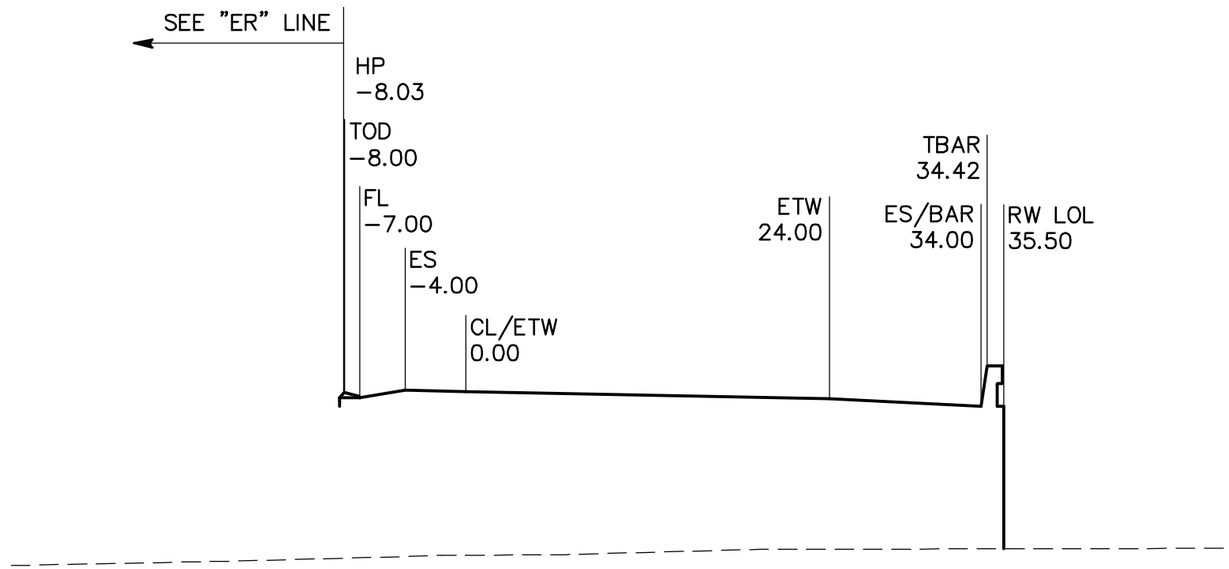
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"REN" LINE
STATION 56+50.00

SEE "ER" LINE	HP	TOD	FL	ES	CL/ETW	ETW	ES/BAR	TBAR	RW LOL
Elev	44.07	44.11	43.77	44.27	44.19	43.71	43.21	45.88	(30.91)
Dist	8.03	8.00	7.00	4.00	0.00	24.00	34.00	34.42	35.50
X−Slope			−16.67%	2.00%		−2.00%	−5.00%		

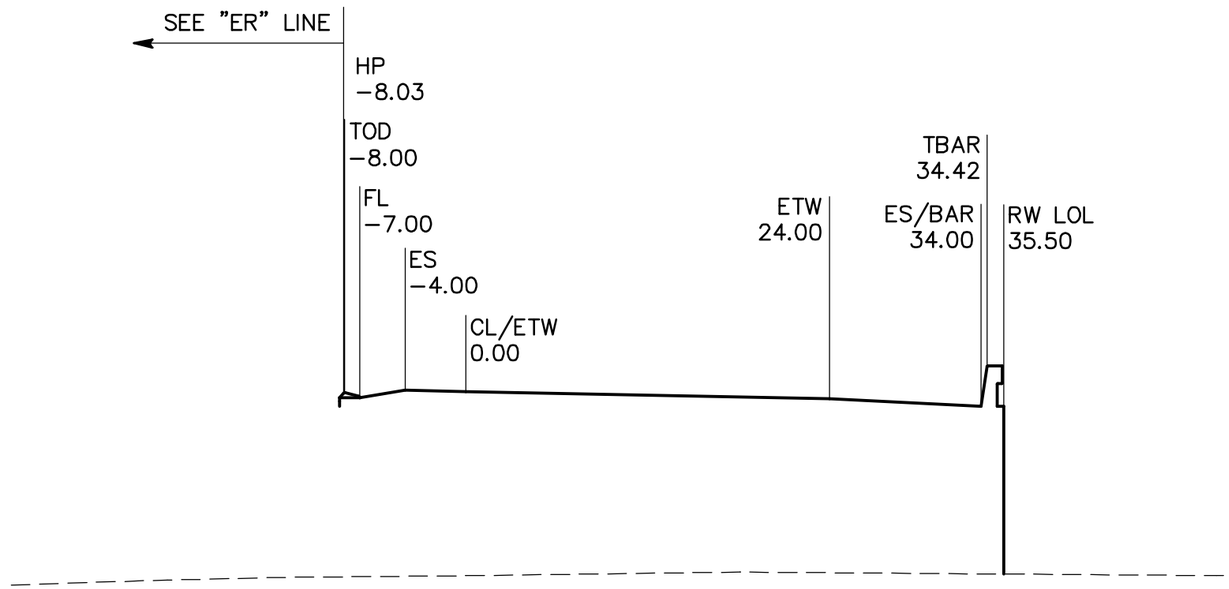
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"REN" LINE
STATION 57+00.00

SEE "ER" LINE	HP	TOD	FL	ES	CL/ETW	ETW	ES/BAR	TBAR	RW LOL
Elev	45.42	45.45	45.12	45.62	45.54	45.06	44.56	47.23	(35.15)
Dist	8.03	8.00	7.00	4.00	0.00	24.00	34.00	34.42	35.50
X−Slope			−16.67%	2.00%		−2.00%	−5.00%		

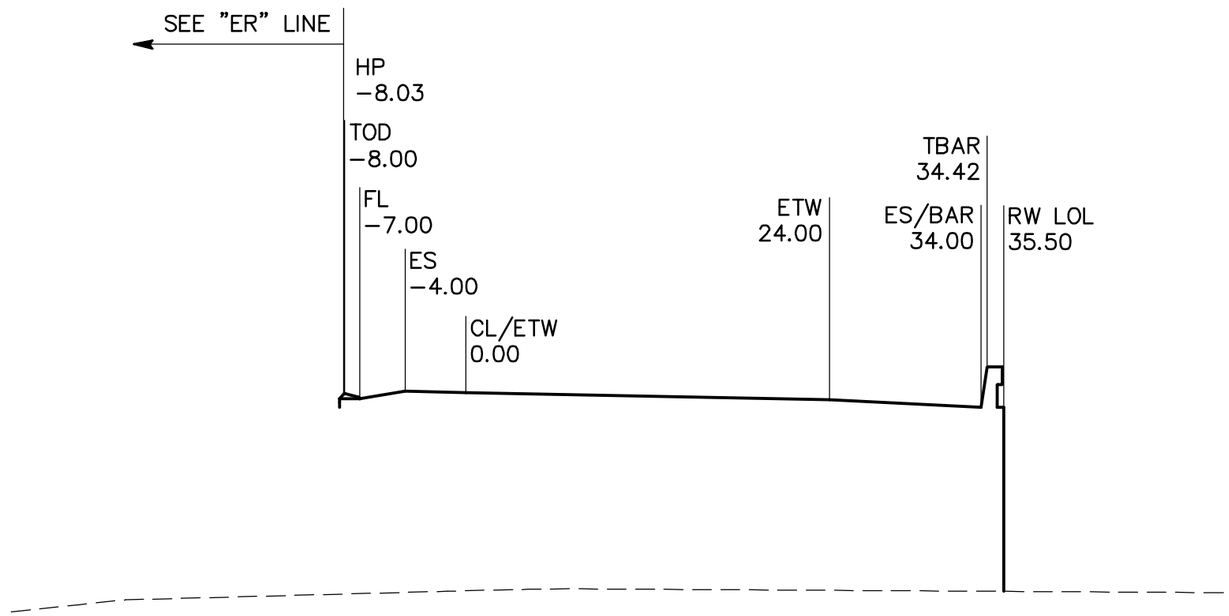
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"REN" LINE
STATION 57+50.00

SEE "ER" LINE	HP	TOD	FL	ES	CL/ETW	ETW	ES/BAR	TBAR	RW LOL
Elev	46.59	46.62	46.29	46.79	46.71	46.23	45.73	48.39	(34.66)
Dist	8.03	8.00	7.00	4.00	0.00	24.00	34.00	34.42	35.50
X−Slope			−16.67%	2.00%		−2.00%	−5.00%		

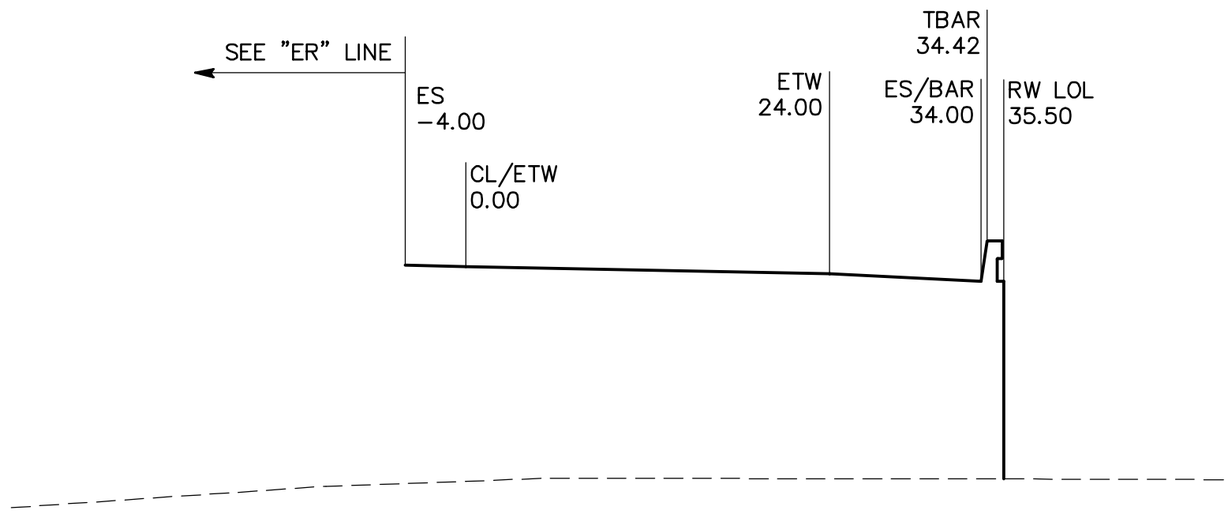
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"REN" LINE
STATION 58+00.00

SEE "ER" LINE	HP	TOD	FL	ES	CL/ETW	ETW	ES/BAR	TBAR	RW LOL
Elev	47.57	47.61	47.27	47.77	47.69	47.21	46.71	49.38	(34.57)
Dist	8.03	8.00	7.00	4.00	0.00	24.00	34.00	34.42	35.50
X−Slope			−16.67%	2.00%		−2.00%	−5.00%		

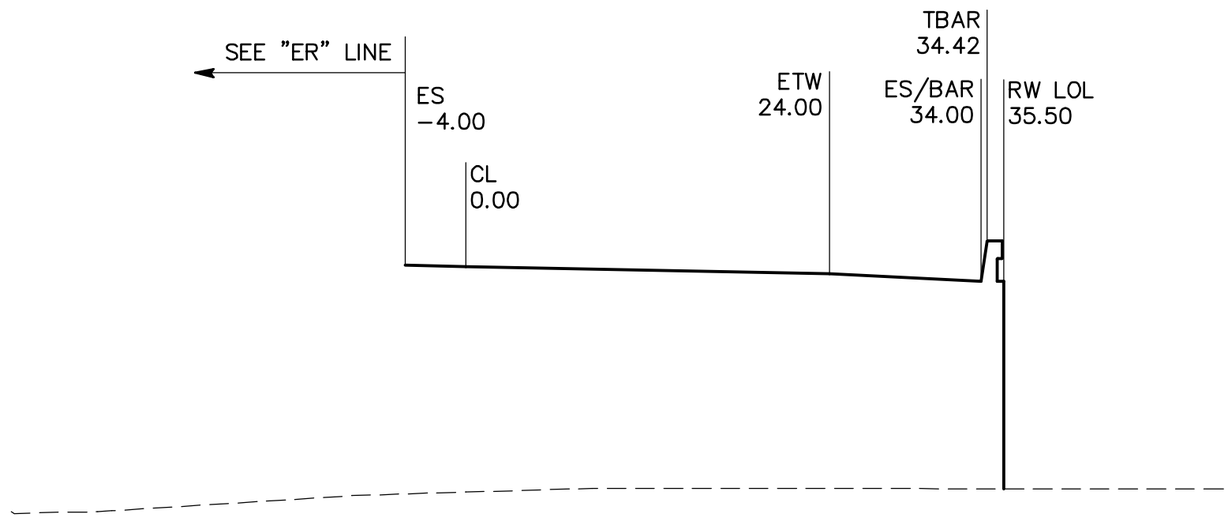
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"REN" LINE
STATION 58+50.00

SEE "ER" LINE	ES	CL/ETW	ETW	ES/BAR	TBAR	RW LOL
Elev	48.58	48.50	48.02	47.52	50.19	(34.47)
Dist	4.00	0.00	24.00	34.00	34.42	35.50
X−Slope	2.00%		−2.00%	−5.00%		

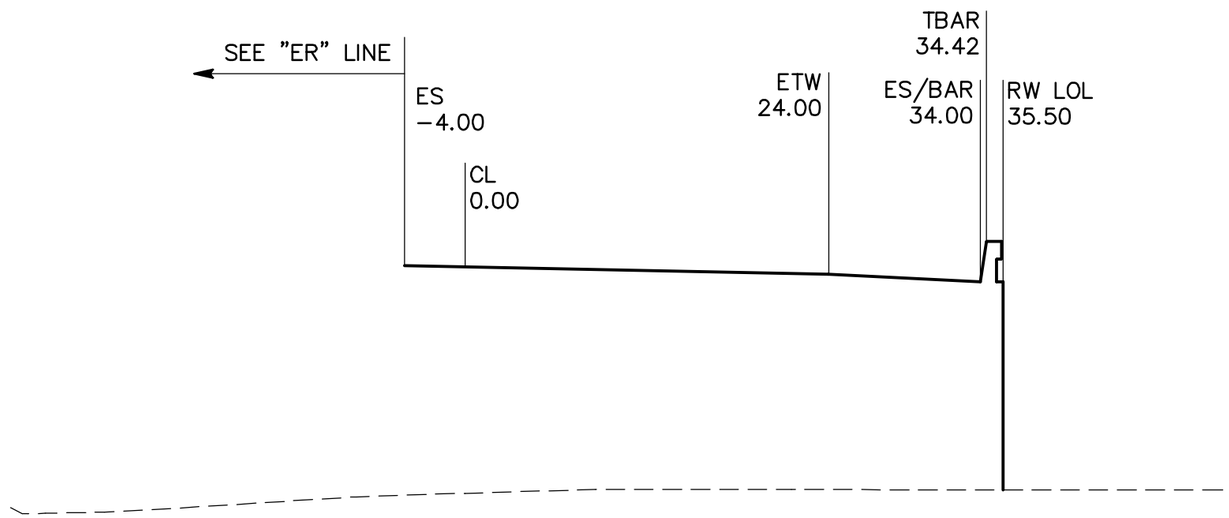
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"REN" LINE
STATION 59+00.00

SEE "ER" LINE	ES	CL	ETW	ES/BAR	TBAR	RW LOL
Elev	49.21	49.13	48.65	48.15	50.82	(34.46)
Dist	4.00	0.00	24.00	34.00	34.42	35.50
X−Slope	2.00%		−2.00%	−5.00%		

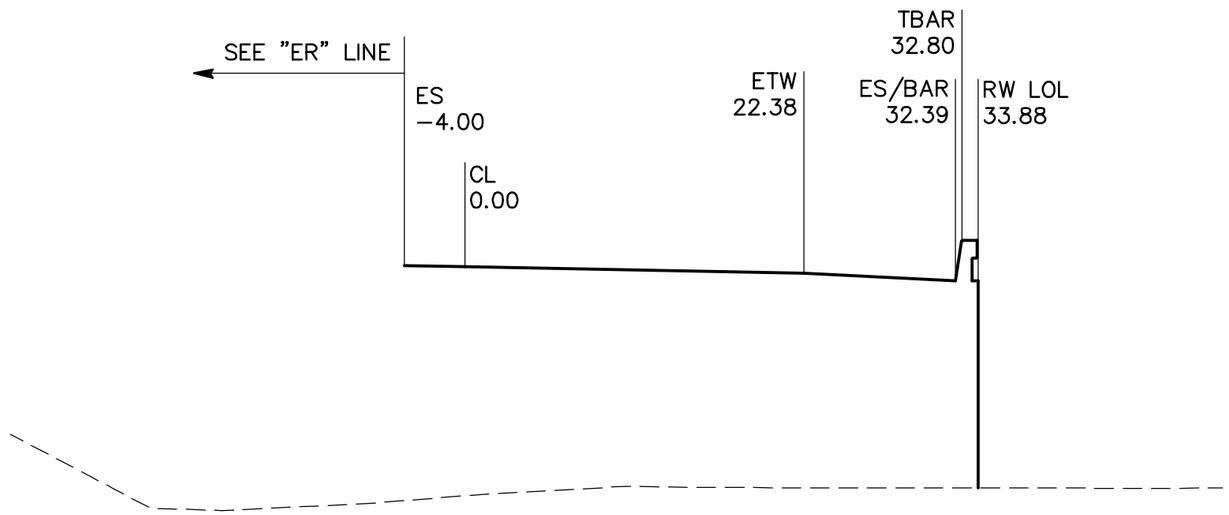
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"REN" LINE
STATION 59+03.06

SEE "ER" LINE	ES	CL	ETW	ES/BAR	TBAR	RW LOL
Elev	49.24	49.16	48.68	48.18	50.85	(34.47)
Dist	4.00	0.00	23.99	34.00	34.42	35.50
X−Slope	2.00%		−2.00%	−5.00%		

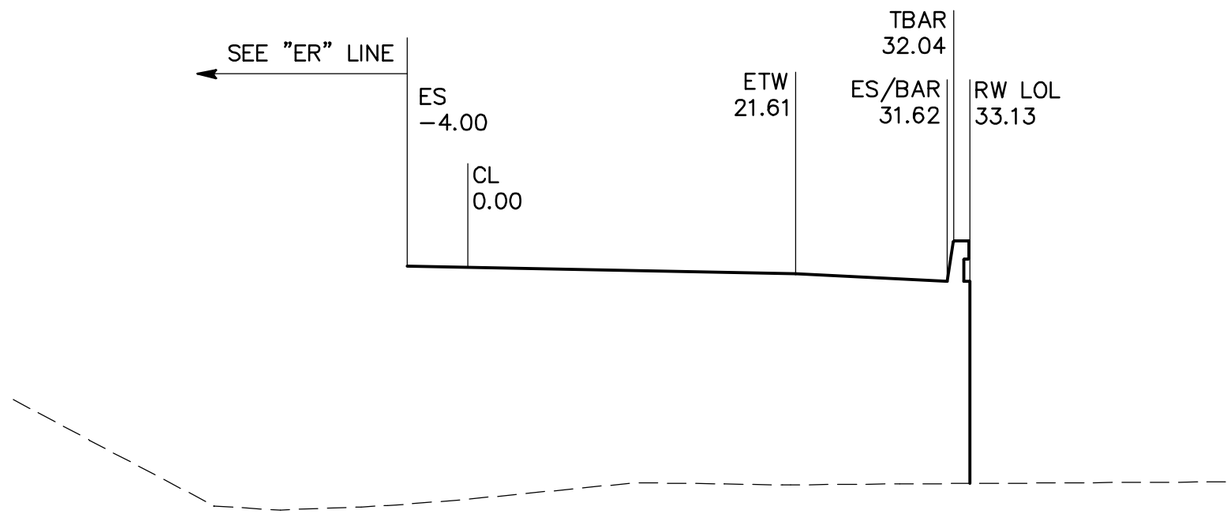
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"REN" LINE
STATION 59+50.00

SEE "ER" LINE	ES	CL	ETW	ES/BAR	TBAR	RW LOL
Elev	49.66	49.58	49.13	48.63	51.30	(34.98)
Dist	4.00	0.00	22.38	32.39	32.80	33.88
X−Slope	2.00%		−2.01%	−5.00%		

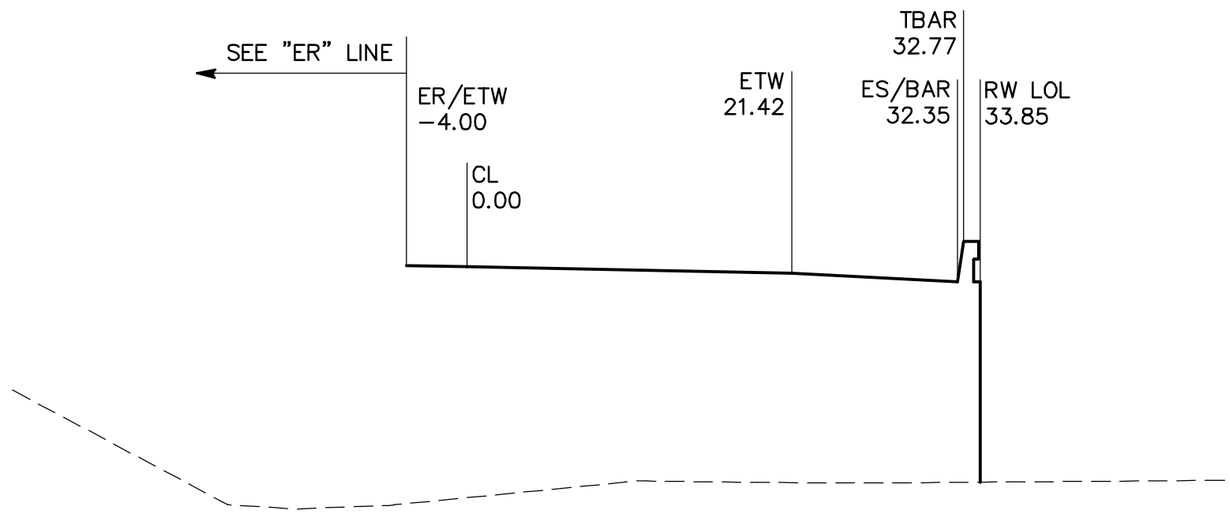
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"REN" LINE
STATION 59+72.47

SEE "ER" LINE	ES	CL	ETW	ES/BAR	TBAR	RW LOL
Elev	49.80	49.72	49.29	48.79	51.45	(35.46)
Dist	4.00	0.00	21.61	31.62	32.04	33.13
X−Slope	2.00%		−1.99%	−5.00%		

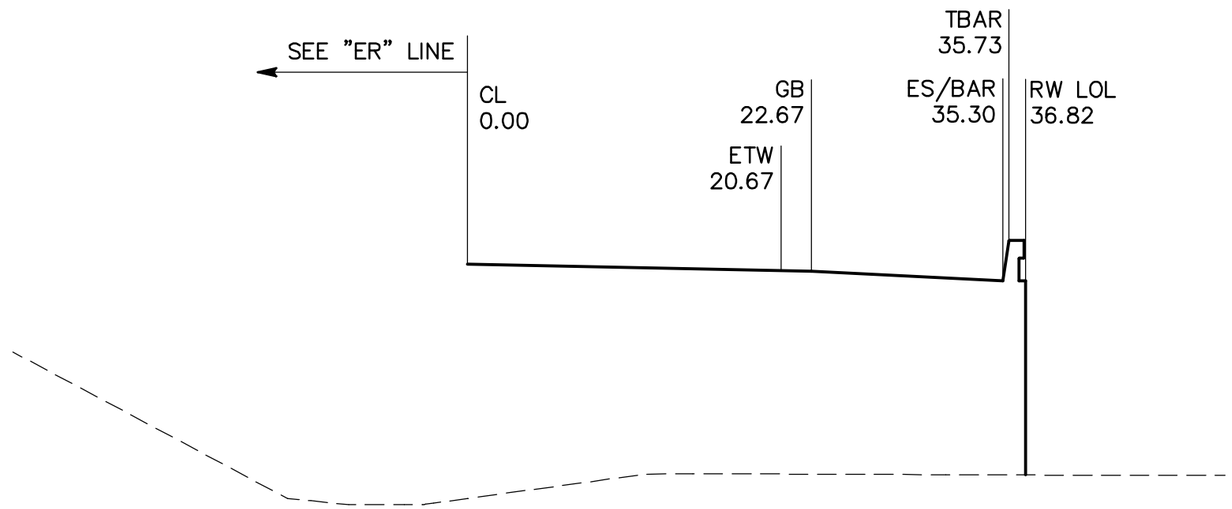
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"REN" LINE
STATION 59+77.98

SEE "ER" LINE	ETW	CL	ETW	ES/BAR	TBAR	RW LOL
Elev	49.83	49.75	49.32	48.78	51.44	(35.54)
Dist	4.00	0.00	21.42	32.35	32.77	33.85
X−Slope	2.00%		−2.01%	−4.94%		

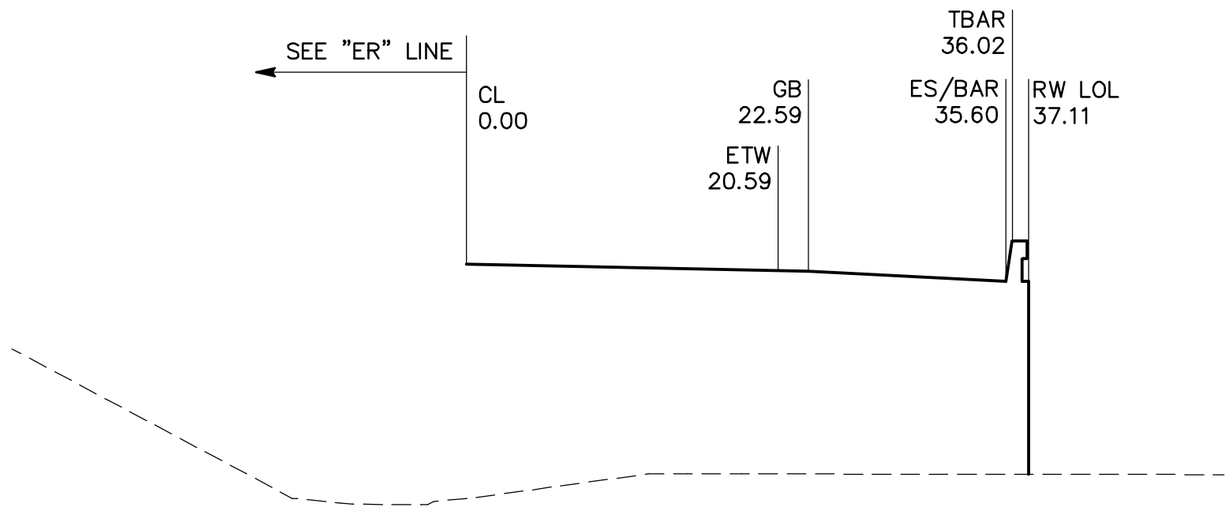
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"REN" LINE
STATION 60+00.00

SEE "ER" LINE	CL	ETW	GB	ES/BAR	TBAR	RW LOL
Elev	49.85	49.44	49.40	48.76	51.43	(35.95)
Dist	0.00	20.67	22.67	35.30	35.73	36.82
X-Slope		-1.98%	-2.00%	-5.07%		

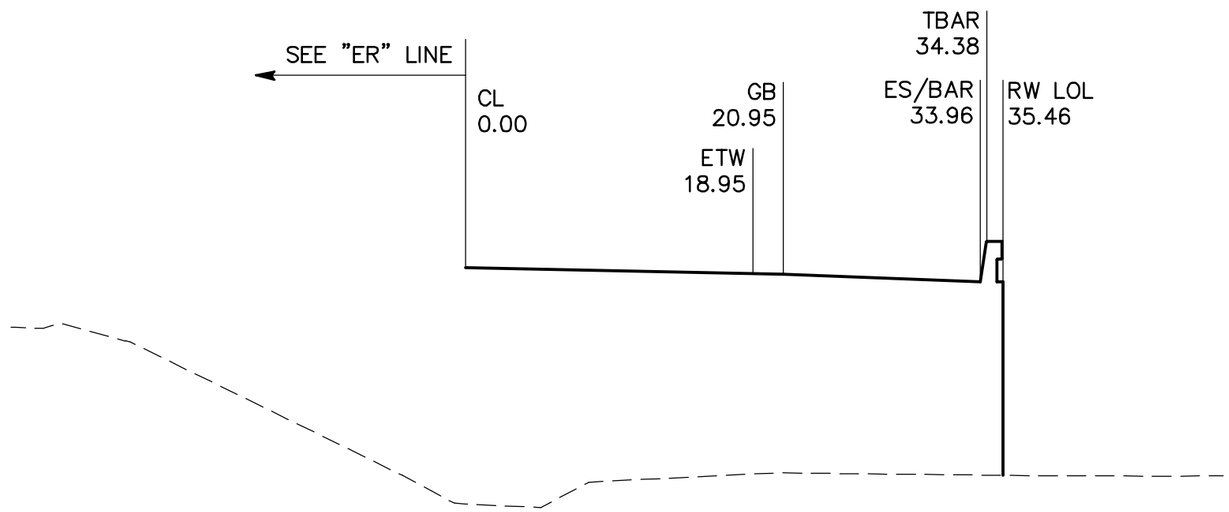
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"REN" LINE
STATION 61+02.21

SEE "ER" LINE	CL	ETW	GB	ES/BAR	TBAR	RW LOL
Elev	49.85	49.44	49.40	48.75	51.42	(36.00)
Dist	0.00	20.59	22.59	35.60	36.02	37.11
X-Slope		-1.99%	-2.00%	-5.00%		

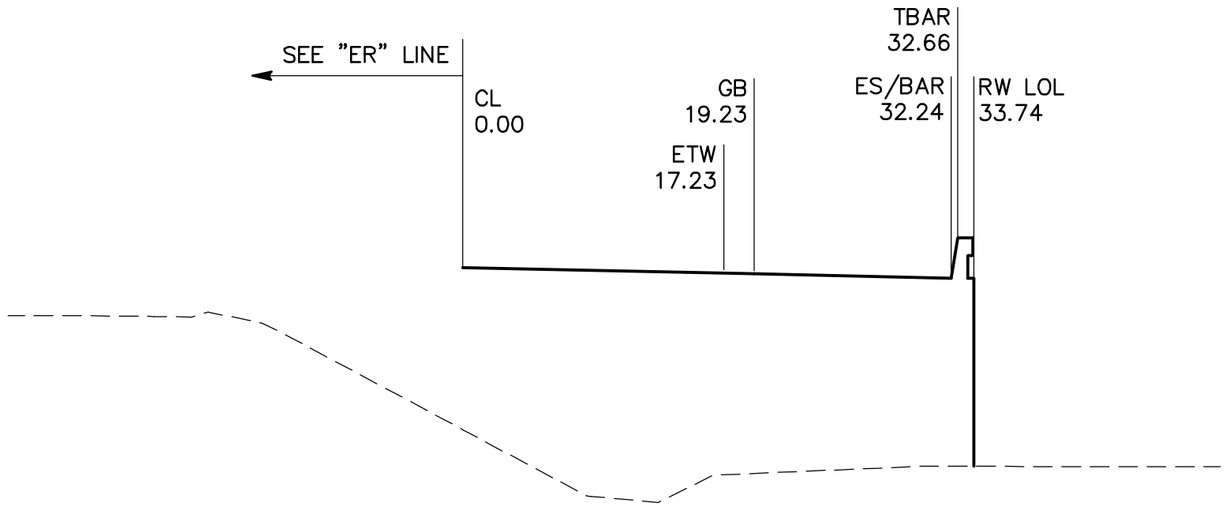
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"REN" LINE
STATION 60+50.00

SEE "ER" LINE	CL	ETW	GB	ES/BAR	TBAR	RW LOL
Elev	49.93	49.55	49.51	48.99	51.66	(36.23)
Dist	0.00	18.95	20.95	33.96	34.38	35.46
X-Slope		-2.01%	-2.00%	-4.00%		

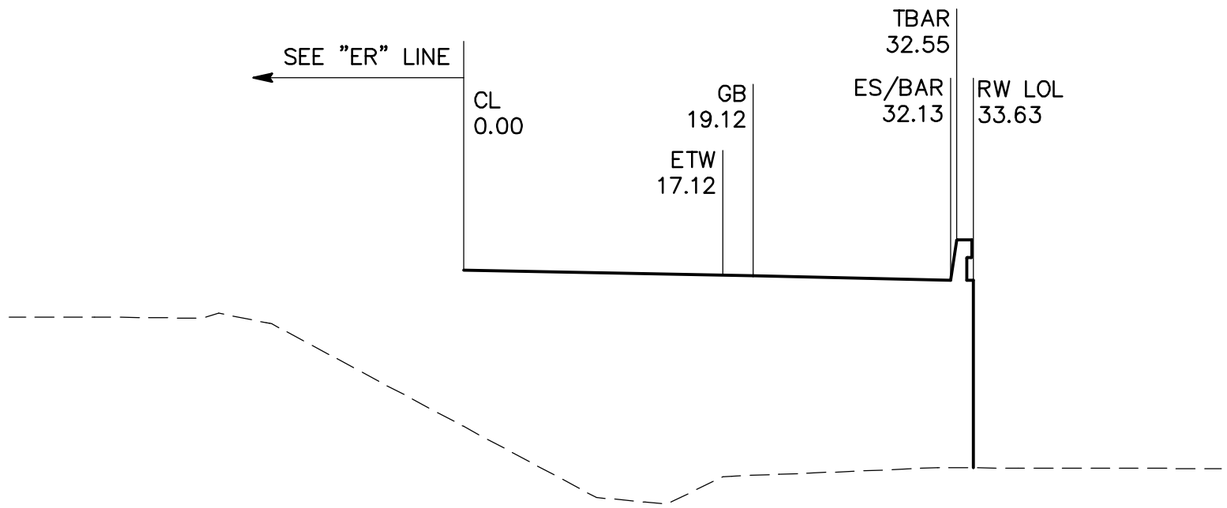
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"REN" LINE
STATION 61+00.00

SEE "ER" LINE	CL	ETW	GB	ES/BAR	TBAR	RW LOL
Elev	49.84	49.50	49.46	49.15	51.82	(36.74)
Dist	0.00	17.23	19.23	32.24	32.66	33.74
X-Slope		-1.97%	-2.00%	-2.38%		

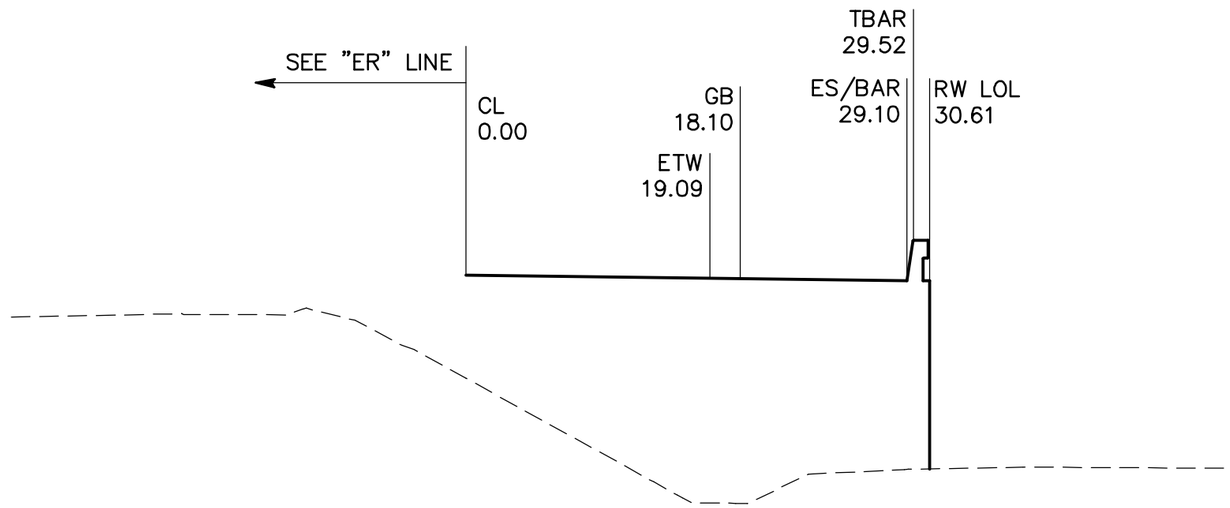
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"REN" LINE
STATION 61+03.22

SEE "ER" LINE	CL	ETW	GB	ES/BAR	TBAR	RW LOL
Elev	49.83	49.49	49.45	49.16	51.83	(36.77)
Dist	0.00	17.12	19.12	32.13	32.55	33.63
X-Slope		-1.99%	-2.00%	-2.23%		

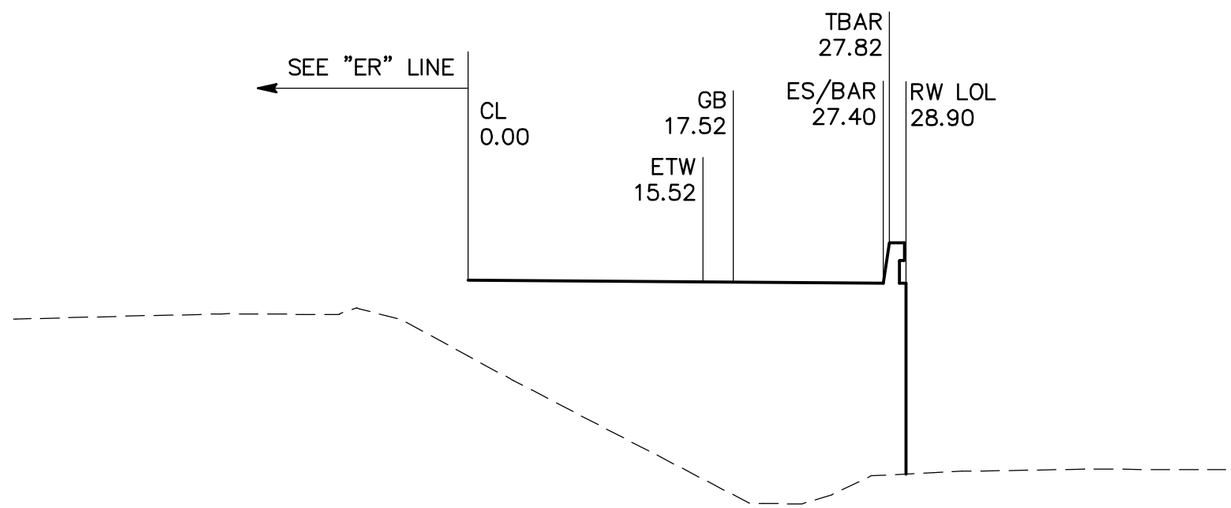
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"REN" LINE
STATION 61+33.17

SEE "ER" LINE	CL	ETW	GB	ES/BAR	TBAR	RW LOL
Elev	49.68	49.48	49.46	49.32	51.99	(36.89)
Dist	0.00	16.09	18.10	29.10	29.52	30.61
X-Slope		-1.24%	-1.00%	-1.27%		

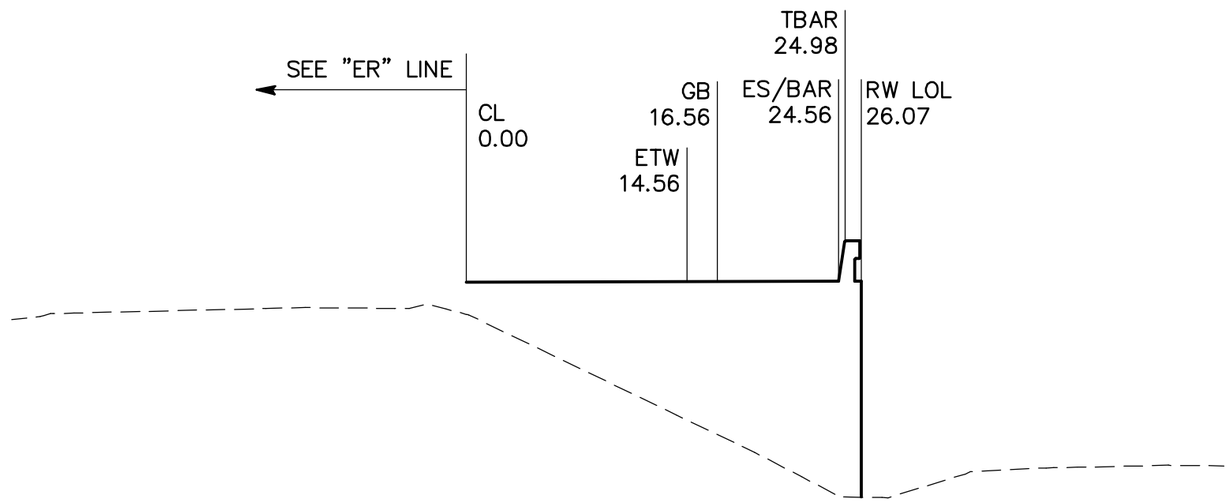
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"REN" LINE
STATION 61+50.00

SEE "ER" LINE	CL	ETW	GB	ES/BAR	TBAR	RW LOL
Elev	49.58	49.48	49.46	49.40	52.06	(36.80)
Dist	0.00	15.52	17.52	27.40	27.82	28.90
X-Slope		−0.67%	−0.65%	−0.68%		

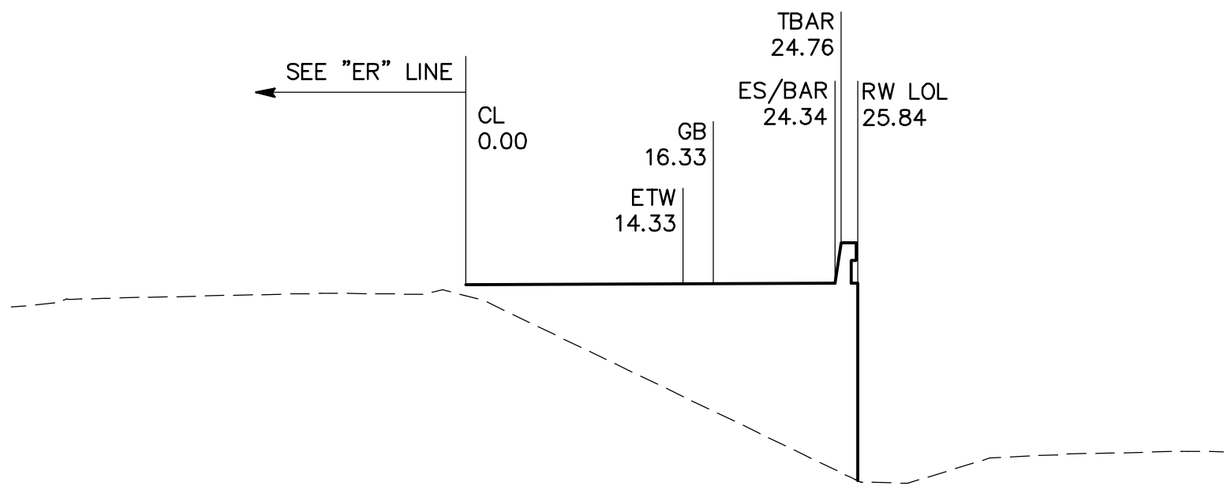
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"REN" LINE
STATION 61+78.00

SEE "ER" LINE	CL	ETW	GB	ES	TBAR	RW LOL
Elev	49.42	49.45	49.46	49.48	52.15	(35.24)
Dist	0.00	14.56	16.56	24.56	24.98	26.07
X-Slope		0.26%	0.25%	0.26%		

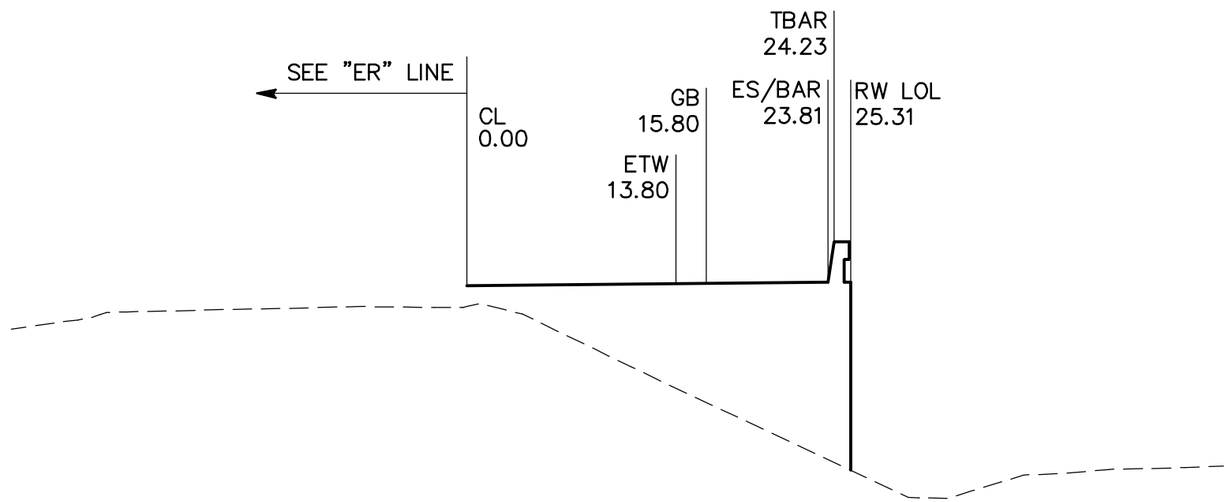
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"REN" LINE
STATION 61+84.47

SEE "ER" LINE	CL	ETW	GB	ES	TBAR	RW LOL
Elev	48.38	48.45	48.46	48.50	51.16	(35.45)
Dist	0.00	14.33	16.33	24.34	24.76	25.84
X-Slope		0.47%	0.50%	0.47%		

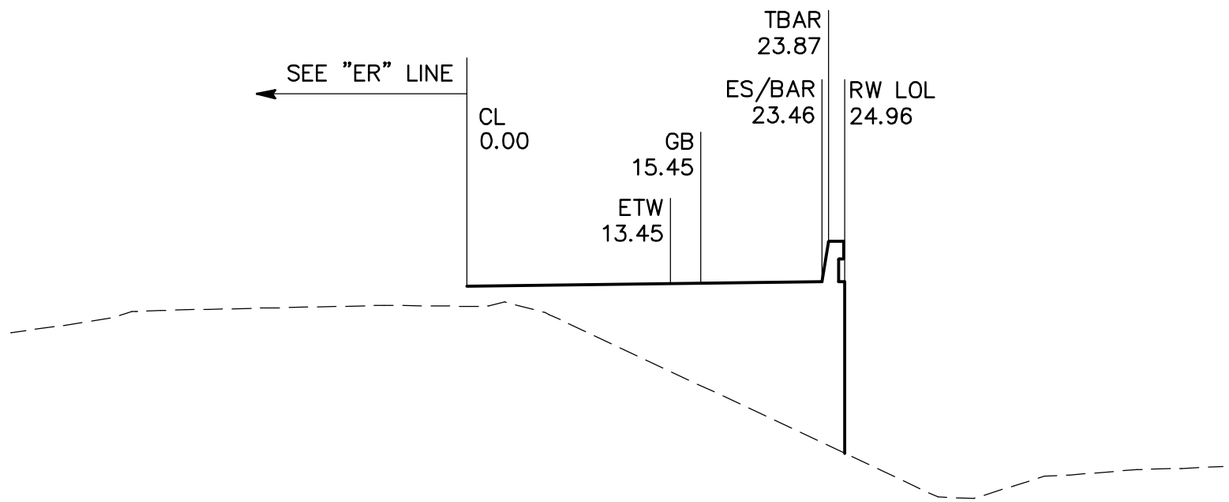
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"REN" LINE
STATION 62+00.00

SEE "ER" LINE	CL	ETW	GB	ES/BAR	TBAR	RW LOL
Elev	49.36	49.50	49.52	49.60	52.26	(37.18)
Dist	0.00	13.80	15.80	23.81	24.23	25.31
X-Slope		0.99%	0.95%	1.00%		

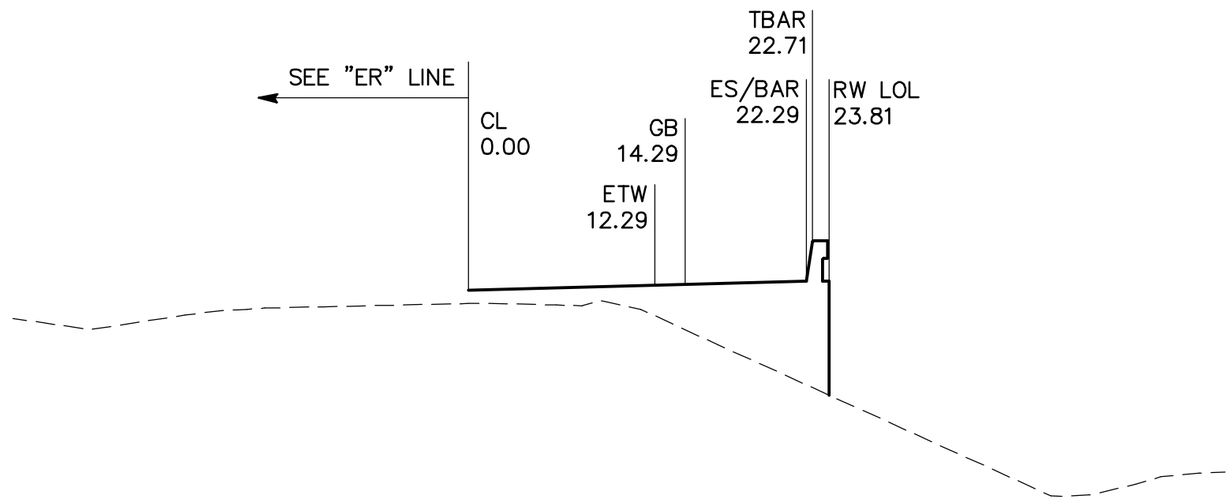
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"REN" LINE
STATION 62+10.20

SEE "ER" LINE	CL	ETW	GB	ES	TBAR	RW LOL
Elev	49.35	49.52	49.55	49.66	52.32	(38.32)
Dist	0.00	13.45	15.45	23.46	23.87	24.96
X-Slope		1.33%	1.35%	1.34%		

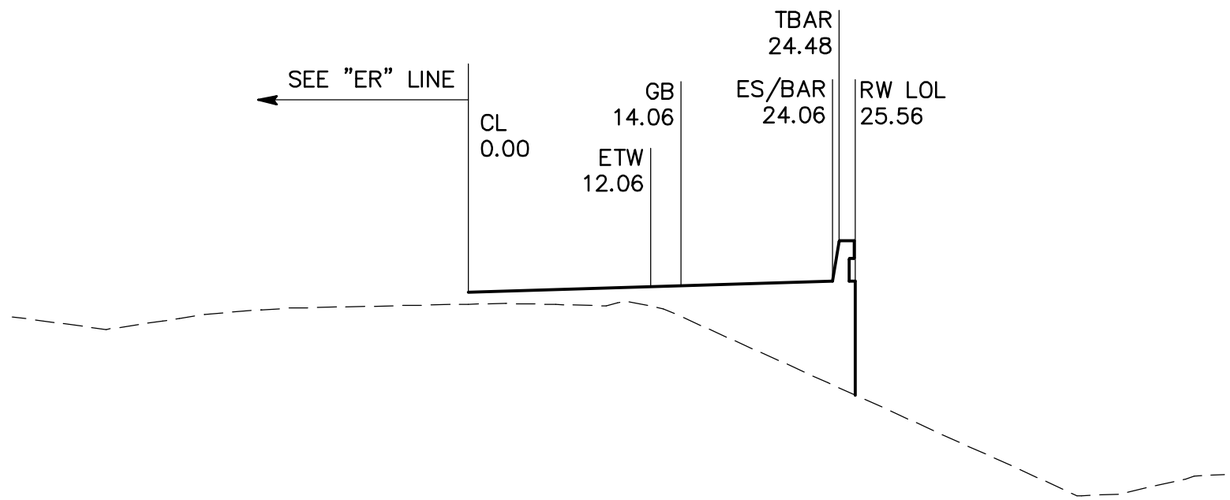
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"REN" LINE
STATION 62+50.00

SEE "ER" LINE	CL	ETW	GB	ES/BAR	TBAR	RW LOL
Elev	49.33	49.66	49.71	49.92	52.59	(42.40)
Dist	0.00	12.29	14.29	22.29	22.71	23.81
X-Slope		2.66%	2.65%	2.66%		

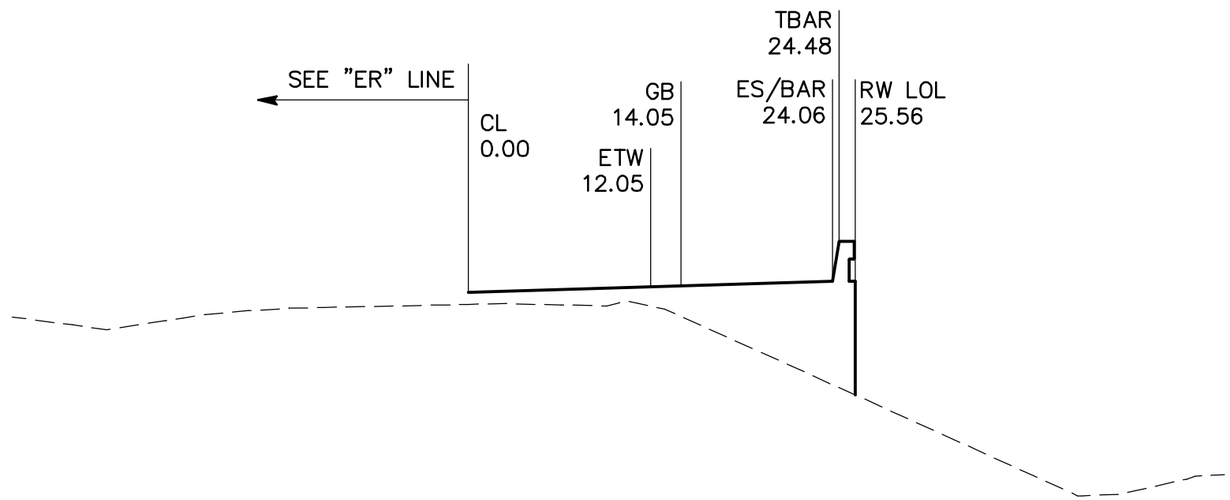
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"REN" LINE
STATION 62+59.94

SEE "ER" LINE	CL	ETW	GB	ES/BAR	TBAR	RW LOL
Elev	49.32	49.68	49.74	50.04	52.70	(42.53)
Dist	0.00	12.06	14.06	24.06	24.48	25.56
X-Slope		2.99%	3.00%	2.99%		

FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"REN" LINE
STATION 62+60.20

SEE "ER" LINE	CL	ETW	GB	ES/BAR	TBAR	RW LOL
Elev	49.32	49.68	49.74	50.04	52.71	(42.55)
Dist	0.00	12.05	14.05	24.06	24.48	25.56
X-Slope		3.00%	3.00%	3.00%		

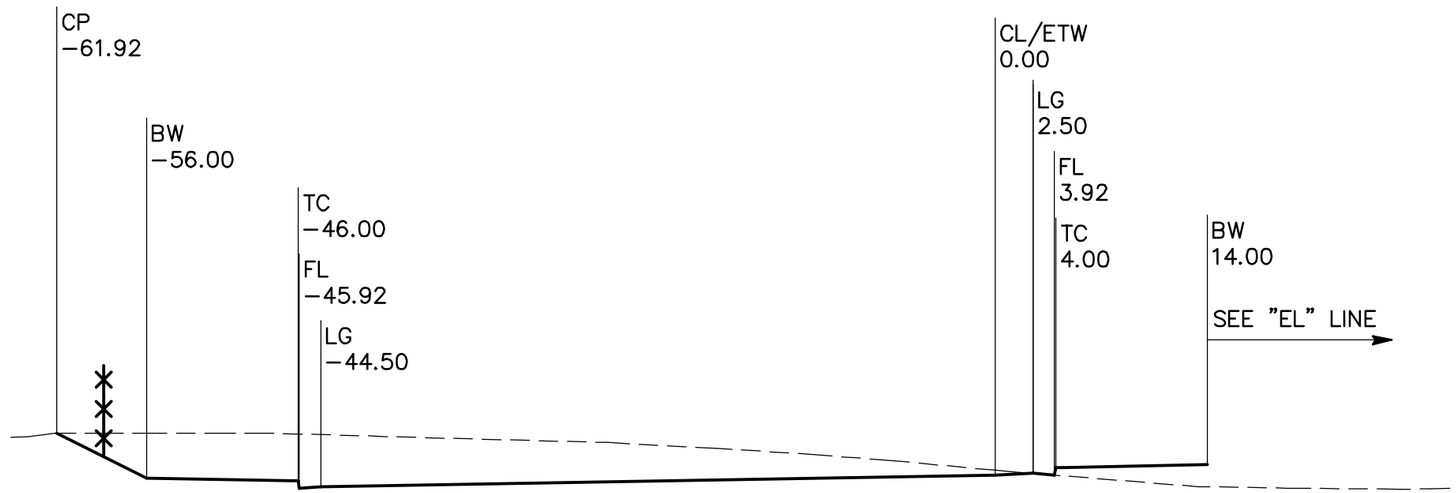
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1

CROSS SECTIONS

ROUTE 4 (EAST) WIDENING

SECTION XII

"RWF" LINE – (SHEET 1–30)



"RWF" LINE
STATION 53+05.26

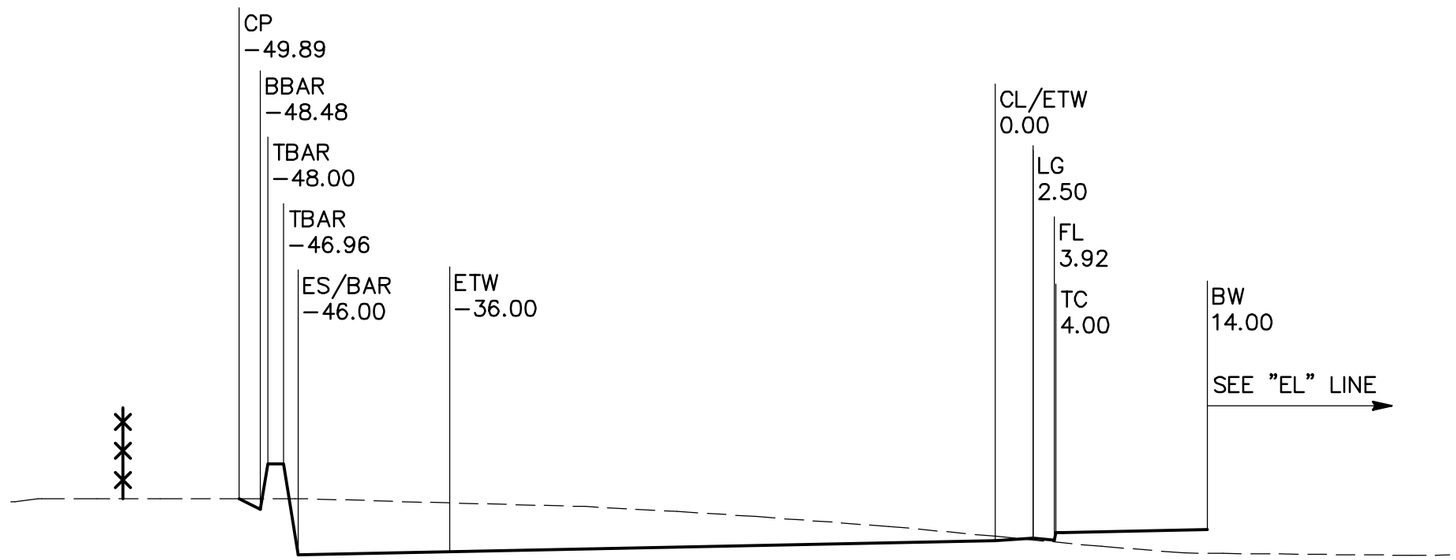
	CP	BW	TC	FL	LG	CL/ETW	LG	FL	TC	BW	SEE "EL" LINE
Elev	33.79	30.83	30.64	30.14	30.27	31.04	31.16	31.03	31.53	31.72	
Dist	61.92	56.00	46.00	45.92	44.50	0.00	2.50	3.92	4.00	14.00	
X−Slope	50.00%	1.90%			−1.72%		5.08%			1.90%	

LEGEND:

(XX.XX) EXISTING GROUND ELEVATION

ABBREVIATIONS:

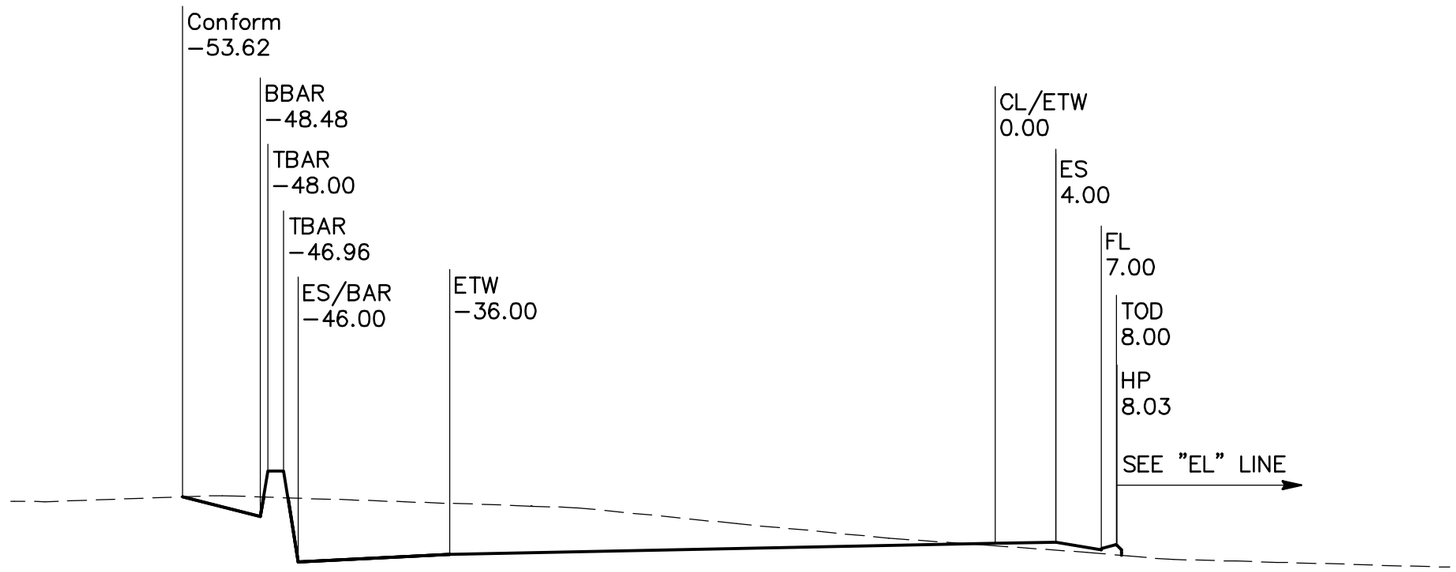
BAR − Barrier Face
BBAR − Back of Barrier
BSW − Back of Sidewalk
BWALL − Back of Wall
CL − Centerline
CP − Catch Point
EC − Edge of Concrete
EG − Edge of Gutter
EP − Edge of Pavement
ES − Edge of Shoulder
ETW − Edge of Traveled Way
FL − Paved or unpaved Flow Line
FLC − Flow Line Curb
FWALL − Face of Wall
GB − Grade Break
HP − Hinge Point
ML − Match Line
LG − Lip of Gutter
P − Pavement
PG − Profile Grade
R/W − Right of Way
RW LOL − Retaining Wall Layout Line
S/C − Saw Cut Line
SW LOL − Sound Wall Layout Line
TBAR − Top of Barrier
TC − Top of Curb
TDITCH − Top of Ditch
TE − Top of Embankment
TGT − Top of Gutter
TOD − Top of Dike
TSW − Top of Swale



"RWF" LINE
STATION 53+08.32

	CP	BBAR	TBAR	TBAR	ES/BAR	ETW	CL/ETW	LG	FL	TC	BW	SEE "EL" LINE
Elev	33.83	33.13	36.13	36.13	30.13	30.33	31.05	31.22	31.09	31.59	31.78	
Dist	49.89	48.48	48.00	46.96	46.00	36.00	0.00	2.50	3.92	4.00	14.00	
X−Slope	50.00%				−2.00%	−2.00%		6.80%			1.90%	

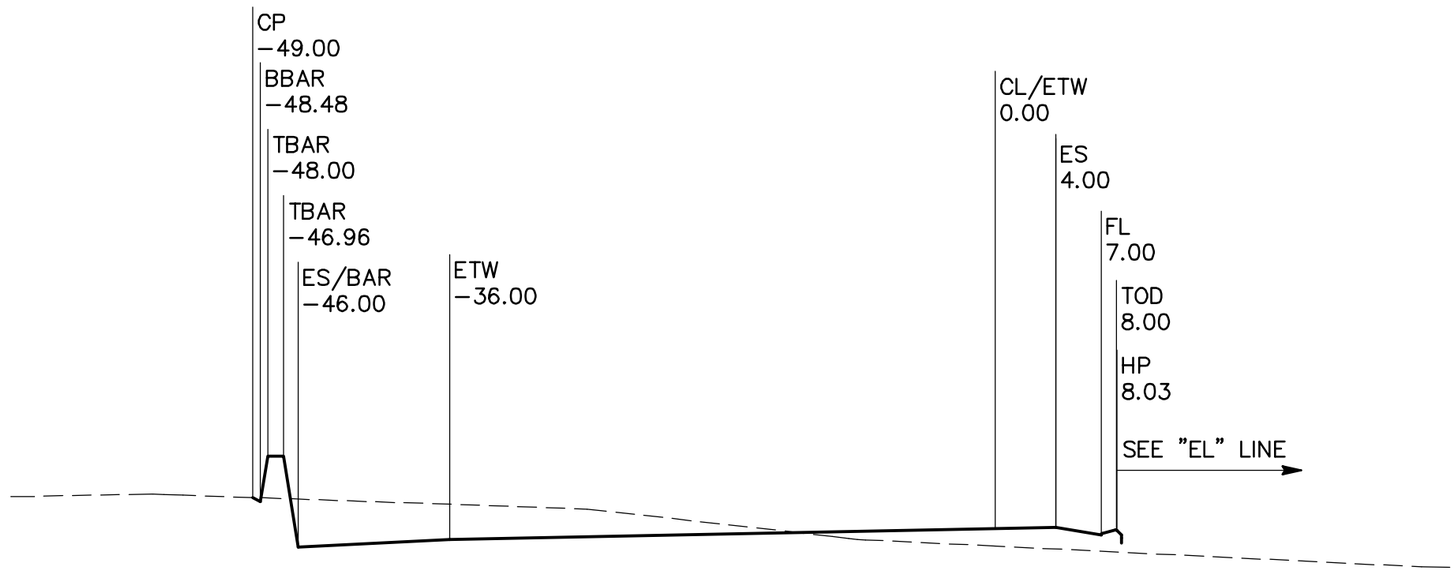
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"RWF" LINE
STATION 53+50.00

	CP	BBAR	TBAR	TBAR	ES/BAR	ETW	CL/ETW	ES	FL	TOD	HP	SEE "EL" LINE
Elev	34.71	33.43	36.43	36.43	30.43	30.93	31.65	31.73	31.23	31.56	31.53	
Dist	53.62	48.48	48.00	46.96	46.00	36.00	0.00	4.00	7.00	8.00	8.03	
X−Slope	24.90%				−5.00%	−2.00%		2.00%	−16.67%			

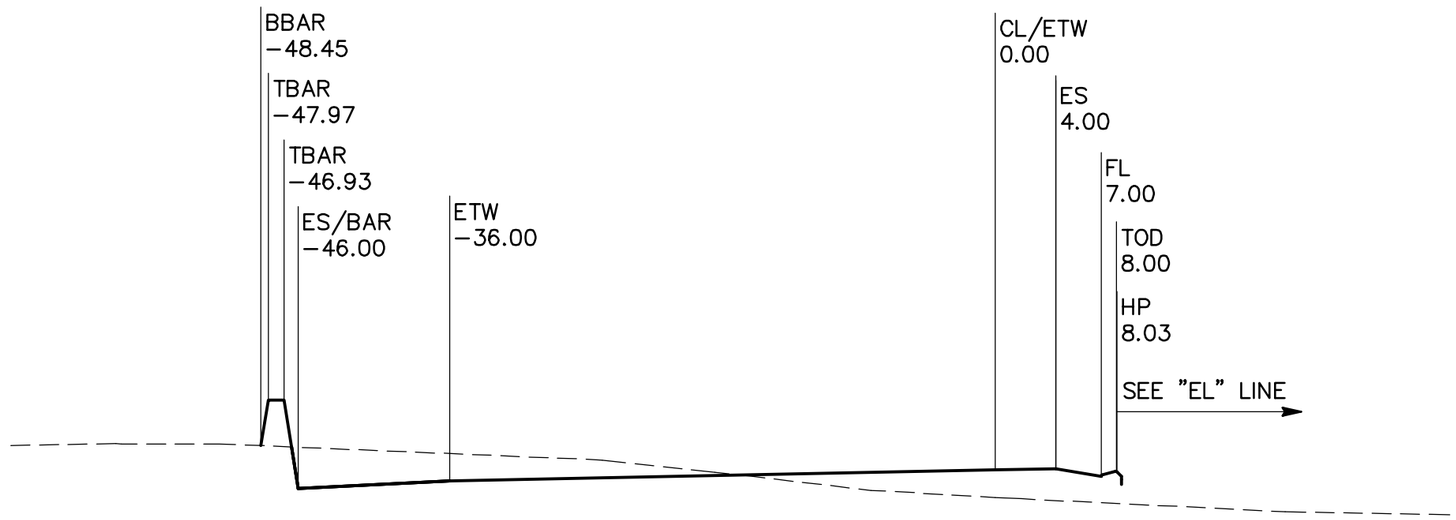
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"RWF" LINE
STATION 53+83.74

	CP	BBAR	TBAR	TBAR	ES/BAR	ETW	CL/ETW	ES	FL	TOD	HP	SEE "EL" LINE
Elev	34.76	34.50	37.50	37.50	31.50	32.00	32.72	32.80	32.30	32.62	32.60	
Dist	49.00	48.48	48.00	46.96	46.00	36.00	0.00	4.00	7.00	8.00	8.03	
X−Slope	50.00%				−5.00%	−2.00%		2.00%	−16.67%			

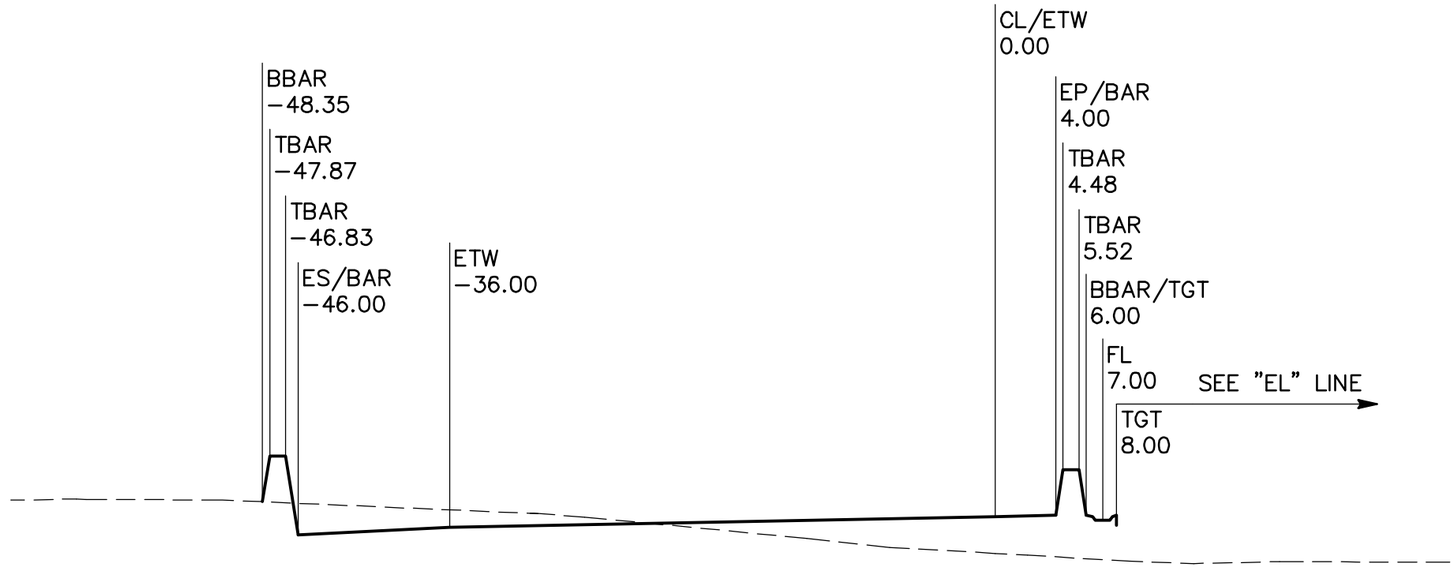
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"RWF" LINE
STATION 54+00.00

	BBAR	TBAR	TBAR	ES/BAR	ETW	CL/ETW	ETW	FL	TOD	HP	SEE "EL" LINE
Elev	34.95	37.95	37.95	32.13	32.63	33.35	33.43	32.93	33.26	33.23	
Dist	48.45	47.97	46.93	46.00	36.00	0.00	4.00	7.00	8.00	8.03	
X−Slope				−5.00%	−2.00%		2.00%				

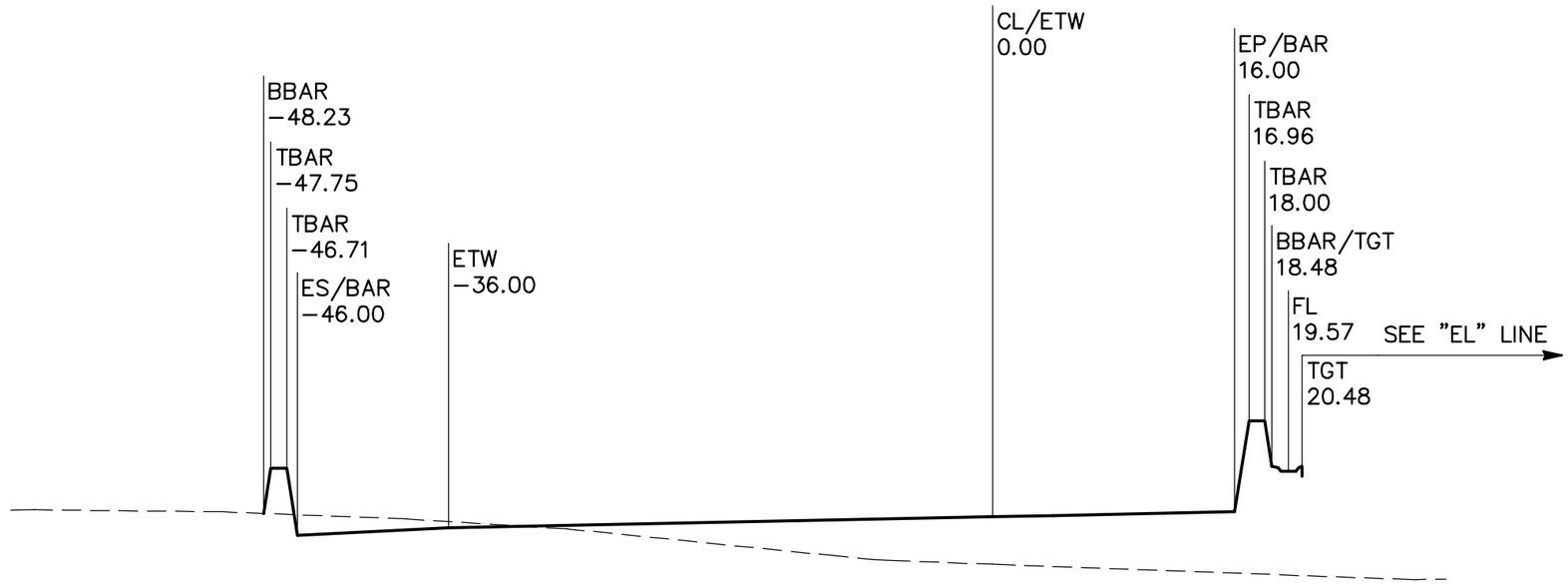
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"RWF" LINE
STATION 54+17.43

	BBAR	TBAR	TBAR	ES/BAR	ETW	CL/ETW	EP/BAR	TBAR	TBAR	BBAR/TGT	FL	TGT	SEE "EL" LINE
Elev	35.01	38.01	38.01	32.81	33.31	34.03	34.11	37.11	37.11	34.11	33.78	34.11	
Dist	48.35	47.87	46.83	46.00	36.00	0.00	4.00	4.48	5.52	6.00	7.00	8.00	
X−Slope				−5.00%	−2.00%		2.00%						

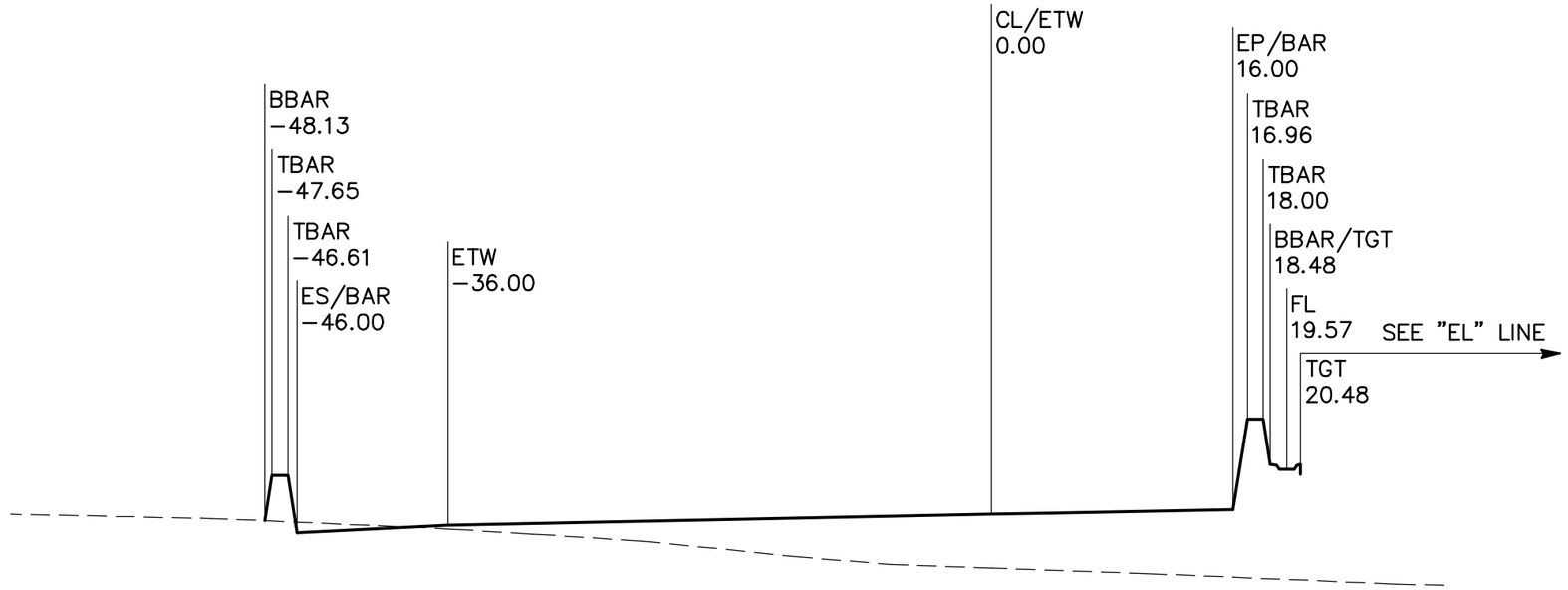
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"RWF" LINE
STATION 54+37.43

	BBAR	TBAR	TBAR	ES/BAR	ETW	CL/ETW	EP/BAR	TBAR	TBAR	BBAR/TGT	FL	TGT	SEE "EL" LINE
Elev	35.03	38.03	38.03	33.60	34.10	34.82	35.14	41.14	41.14	38.14	37.81	38.14	
Dist	48.23	47.75	46.71	46.00	36.00	0.00	16.00	16.96	18.00	18.48	19.57	20.48	
X−Slope				−5.00%	−2.00%		2.00%						

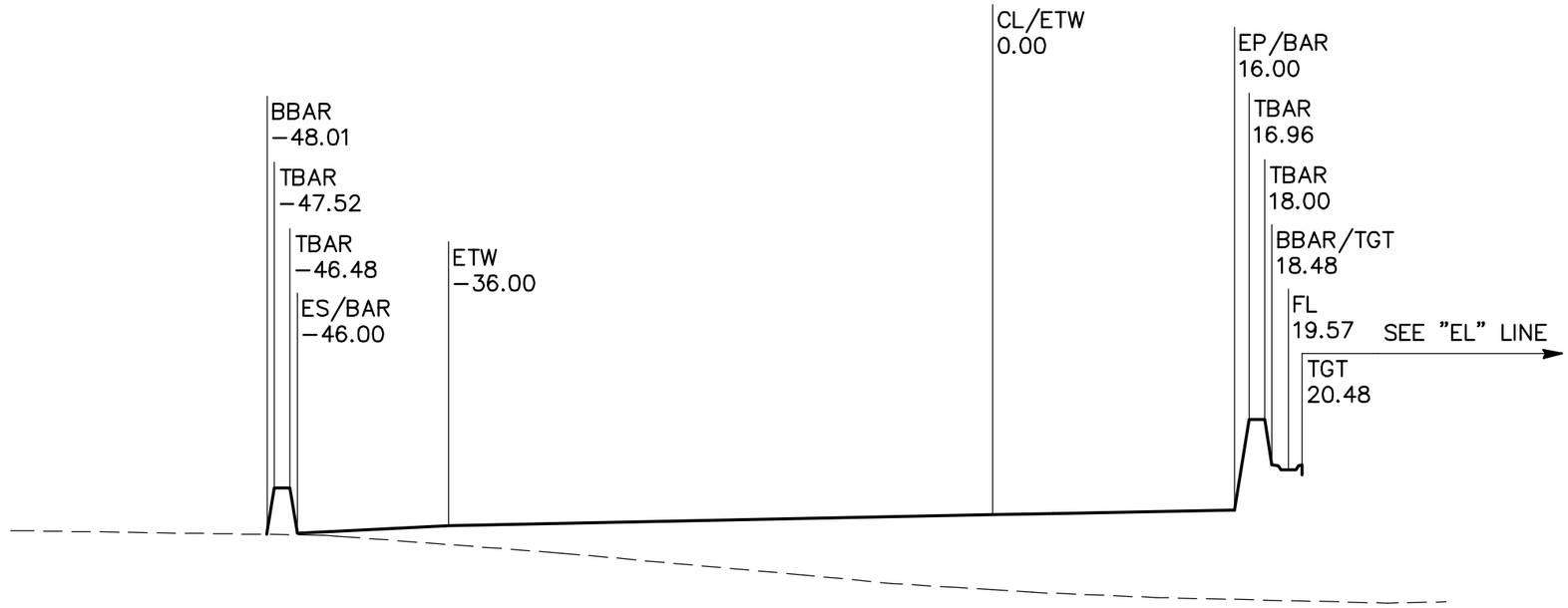
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"RWF" LINE
STATION 54+50.00

	BBAR	TBAR	TBAR	ES/BAR	ETW	CL/ETW	EP/BAR	TBAR	TBAR	BBAR/TGT	FL	TGT	SEE "EL" LINE
Elev	34.88	37.88	37.88	34.09	34.59	35.31	35.63	41.63	41.63	38.63	38.30	38.63	
Dist	48.13	47.65	46.61	46.00	36.00	0.00	16.00	16.96	18.00	18.48	19.57	20.48	
X−Slope				−5.00%	−2.00%		2.00%						

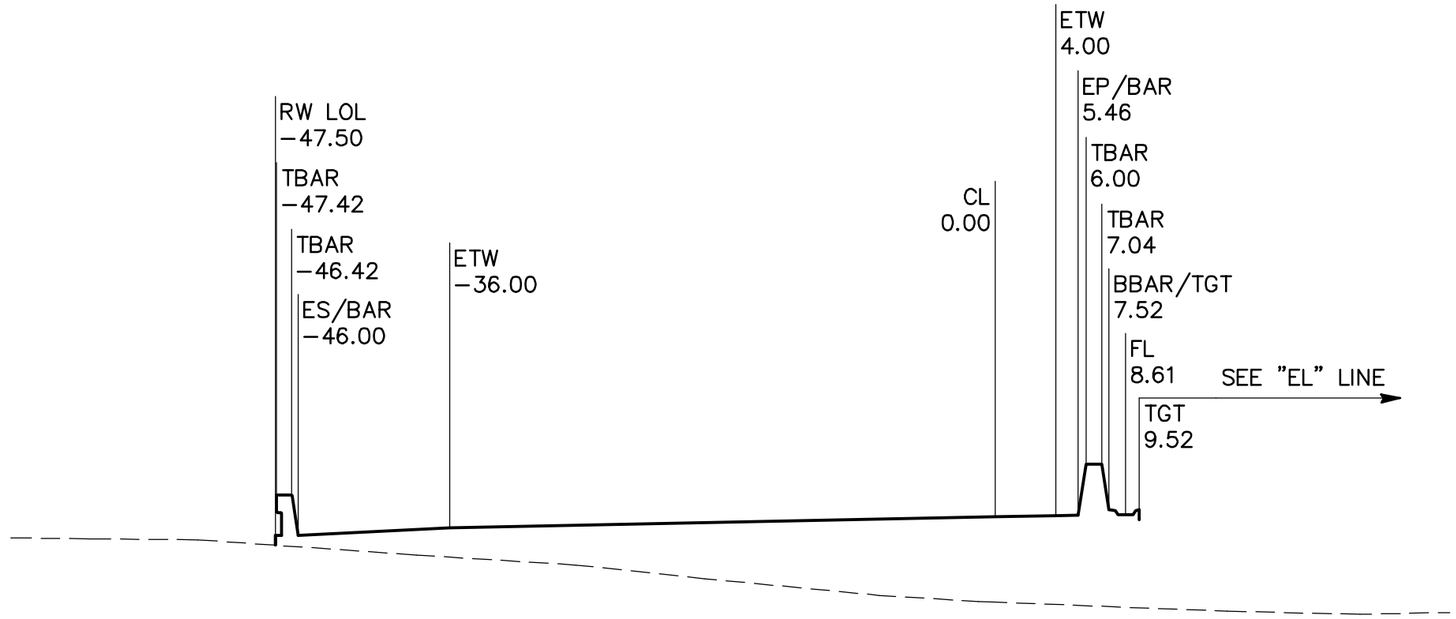
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"RWF" LINE
STATION 54+82.43

	BBAR	TBAR	TBAR	ES/BAR	ETW	CL/ETW	EP/BAR	TBAR	TBAR	BBAR/TGT	FL	TGT	SEE "EL" LINE
Elev	35.24	38.33	38.33	35.33	35.83	36.55	36.87	42.87	42.87	39.87	39.54	39.87	
Dist	48.01	47.52	46.48	46.00	36.00	0.00	16.00	16.96	18.00	18.48	19.57	20.48	
X−Slope				−5.00%	−2.00%		2.00%						

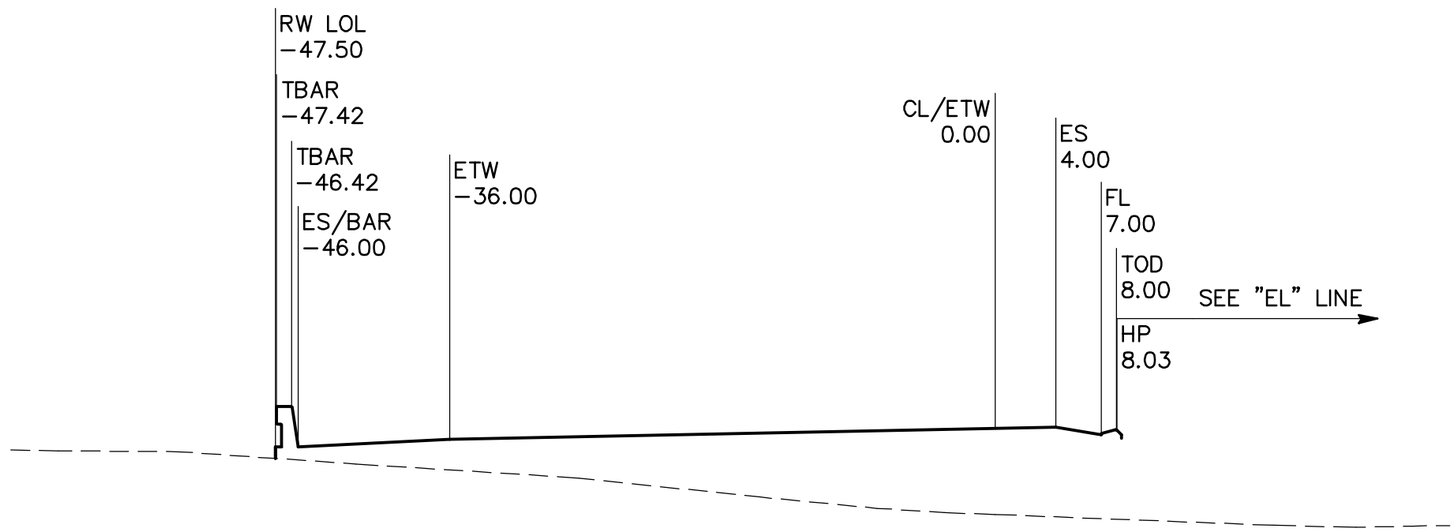
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"RWF" LINE
STATION 55+00.00

	RW LOL	TBAR	TBAR	ES/BAR	ETW	CL	ETW	ES/BAR	TBAR	TBAR	BBAR/TGT	FL	TGT	SEE "EL" LINE
Elev	(35.31)	38.64	38.64	35.97	36.47	37.19	37.27	37.30	40.66	40.66	37.66	37.33	37.66	
Dist	47.50	47.42	46.42	46.00	36.00	0.00	4.00	5.46	6.00	7.04	7.52	8.61	9.52	
X−Slope				−5.00%	−2.00%		2.00%	2.05%						

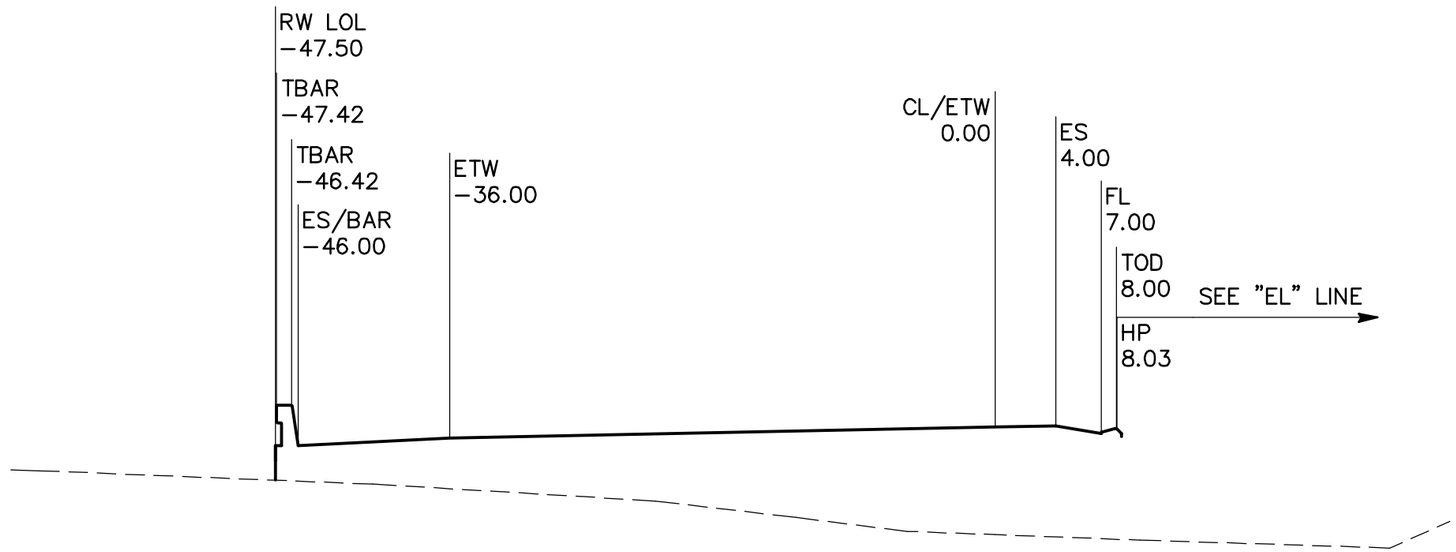
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"RWF" LINE
STATION 55+02.43

	RW LOL	TBAR	TBAR	ES/BAR	ETW	CL/ETW	ES	FL	TOD	HP	SEE "EL" LINE
Elev	(35.29)	38.72	38.72	36.06	36.56	37.28	37.36	36.86	37.18	37.16	
Dist	47.50	47.42	46.42	46.00	36.00	0.00	4.00	7.00	8.00	8.03	
X−Slope				−5.00%	−2.00%		2.00%	−16.67%			

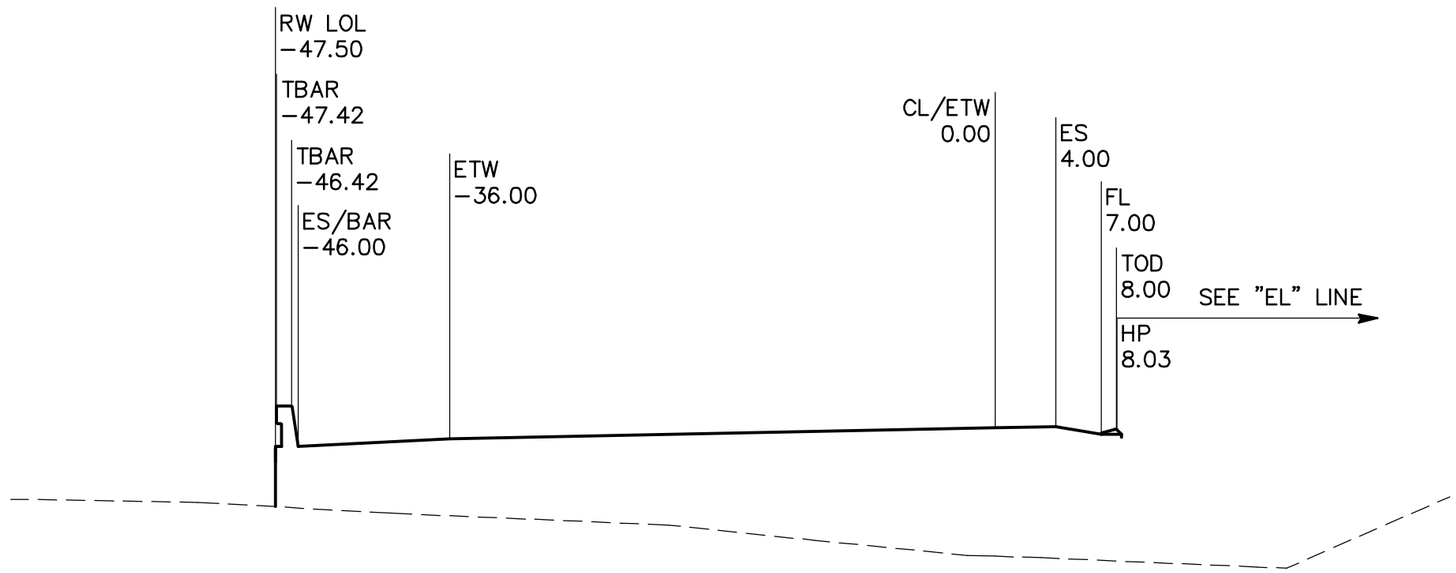
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"RWF" LINE
STATION 55+50.00

	RW LOL	TBAR	TBAR	ES/BAR	ETW	CL/ETW	ETW	FL	TOD	HP	SEE "EL" LINE
Elev	(35.37)	40.34	40.34	37.67	38.17	38.89	38.97	38.47	38.80	38.77	
Dist	47.50	47.42	46.42	46.00	36.00	0.00	4.00	7.00	8.00	8.03	
X-Slope				-5.00%	-2.00%		2.00%				

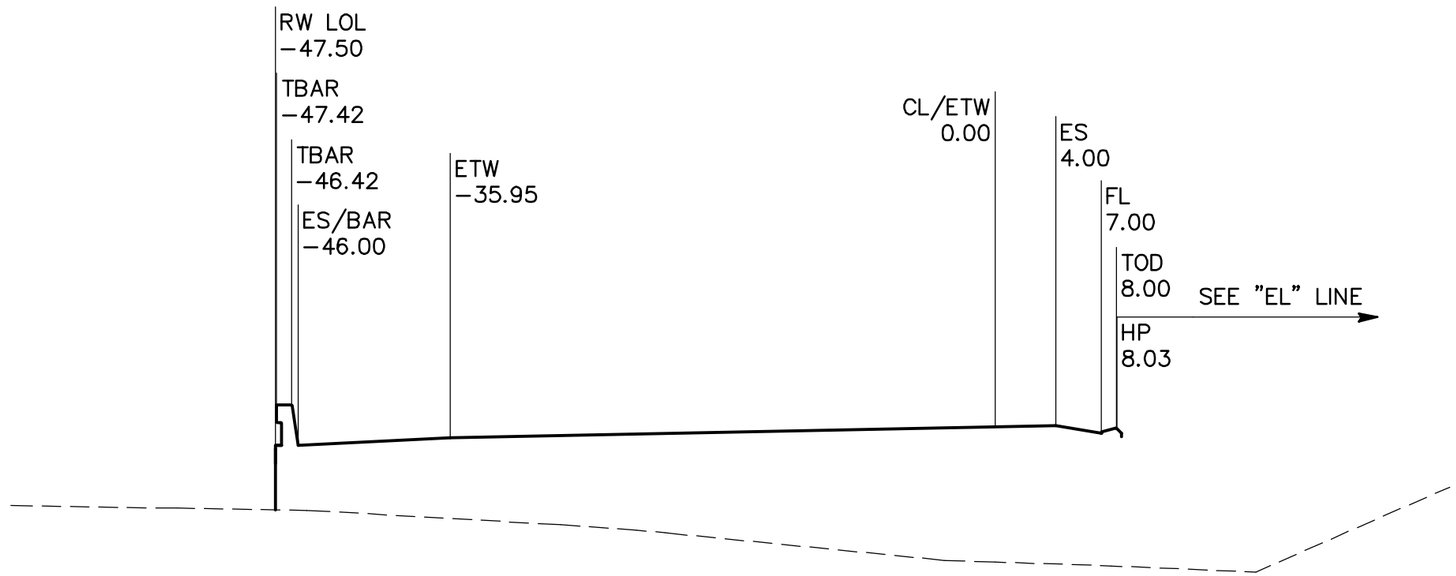
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"RWF" LINE
STATION 56+00.00

	RW LOL	TBAR	TBAR	ES/BAR	ETW	CL/ETW	ES	FL	TOD	HP	SEE "EL" LINE
Elev	(35.21)	41.87	41.87	39.20	39.70	40.42	40.50	40.00	40.32	40.30	
Dist	47.50	47.42	46.42	46.00	36.00	0.00	4.00	7.00	8.00	8.03	
X-Slope				-5.00%	-2.00%		2.00%	-16.67%			

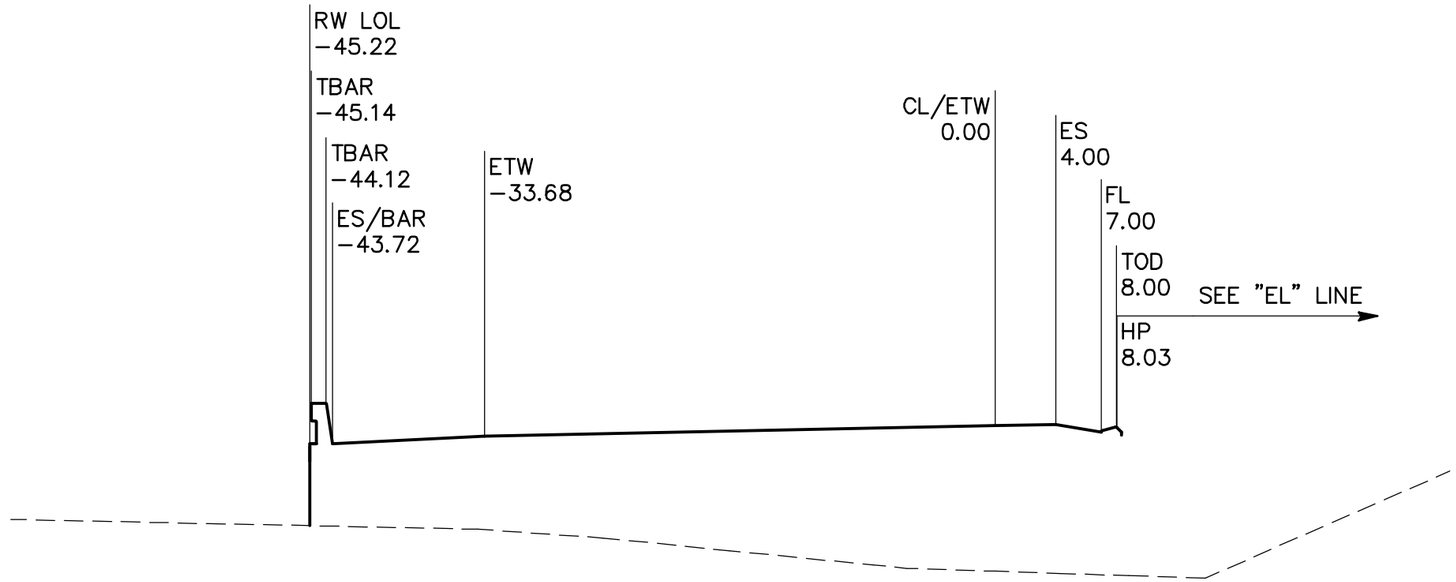
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"RWF" LINE
STATION 56+13.69

	RW LOL	TBAR	TBAR	ES/BAR	ETW	CL/ETW	ES	FL	TOD	HP	SEE "EL" LINE
Elev	(35.33)	42.25	42.25	39.58	40.08	40.80	40.88	40.38	40.70	40.68	
Dist	47.50	47.42	46.42	46.00	35.95	0.00	4.00	7.00	8.00	8.03	
X−Slope				−5.00%	−2.00%		2.00%	−16.67%			

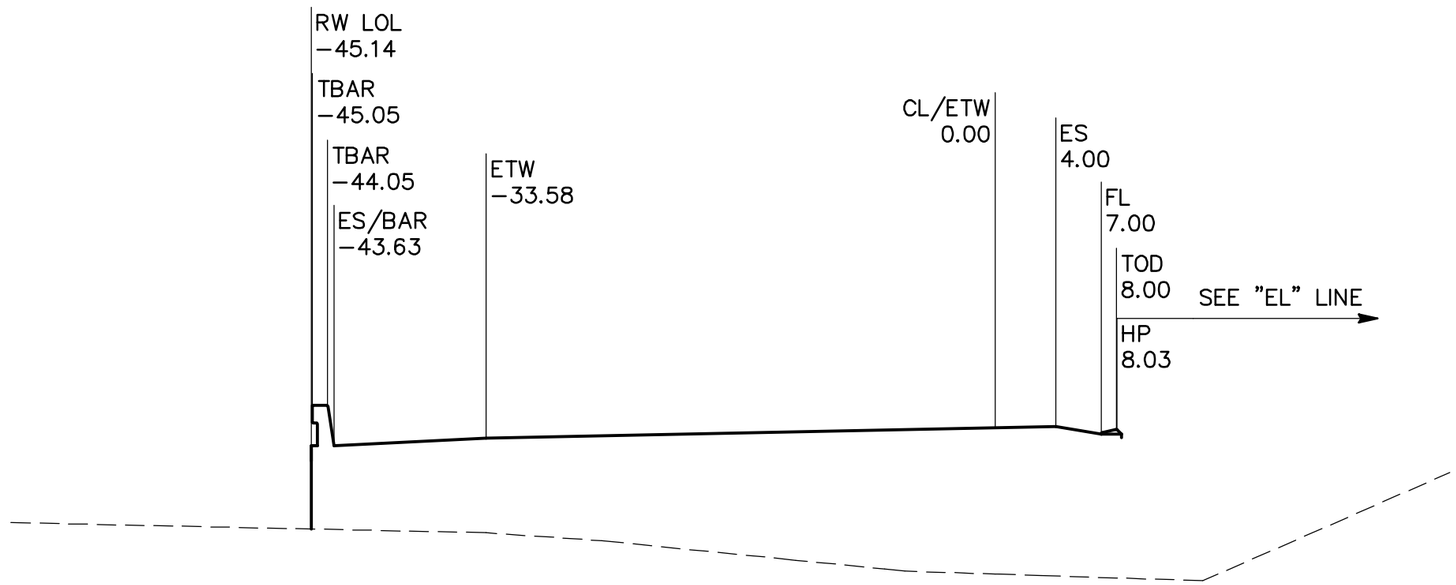
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"RWF" LINE
STATION 56+36.22

	RW LOL	TBAR	TBAR	ES/BAR	ETW	CL/ETW	ES	FL	TOD	HP	SEE "EL" LINE
Elev	(34.81)	42.90	42.90	40.23	40.74	41.41	41.50	41.00	41.32	41.30	
Dist	45.22	45.14	44.14	43.72	33.68	0.00	4.00	7.00	8.00	8.03	
X-Slope				-5.00%	-2.00%		2.25%	-16.67%			

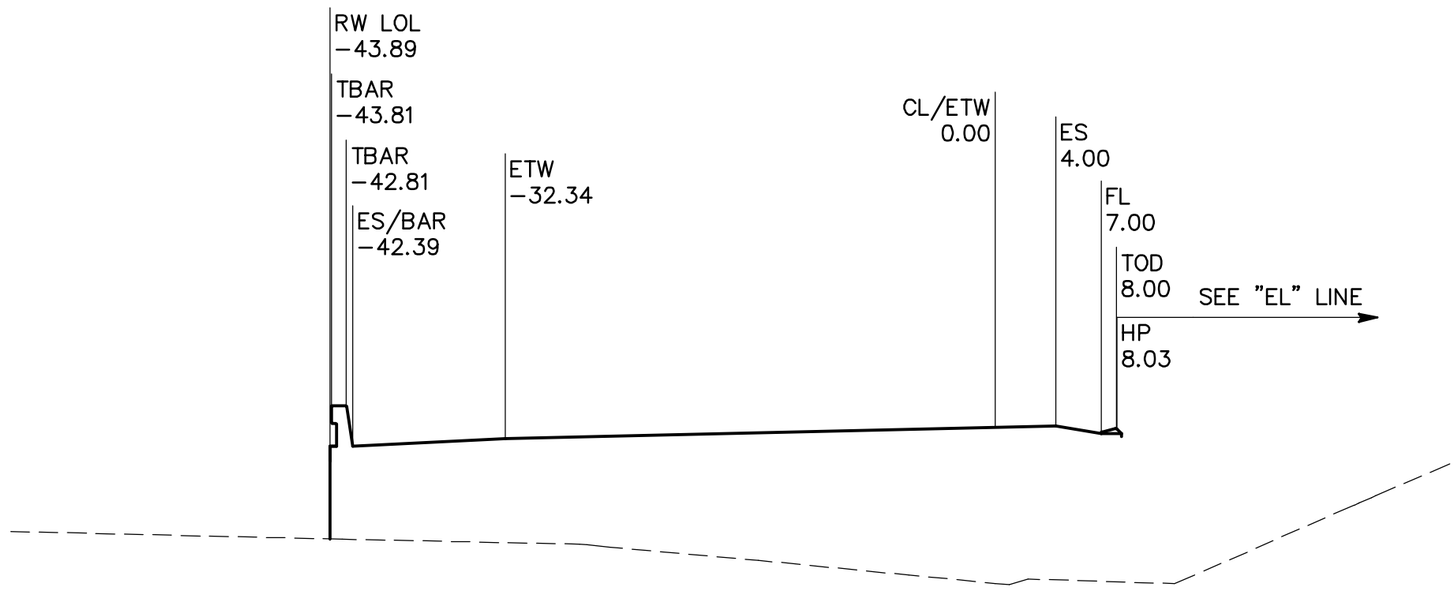
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"RWF" LINE
STATION 56+37.39

	RW LOL	TBAR	TBAR	ES/BAR	ETW	CL/ETW	ES	FL	TOD	HP	SEE "EL" LINE
Elev	(34.78)	42.93	42.93	40.26	40.76	41.44	41.52	41.02	41.34	41.32	
Dist	45.14	45.05	44.05	43.63	33.58	0.00	4.00	7.00	8.00	8.03	
X−Slope				−5.00%	−2.02%		1.97%	−16.59%			

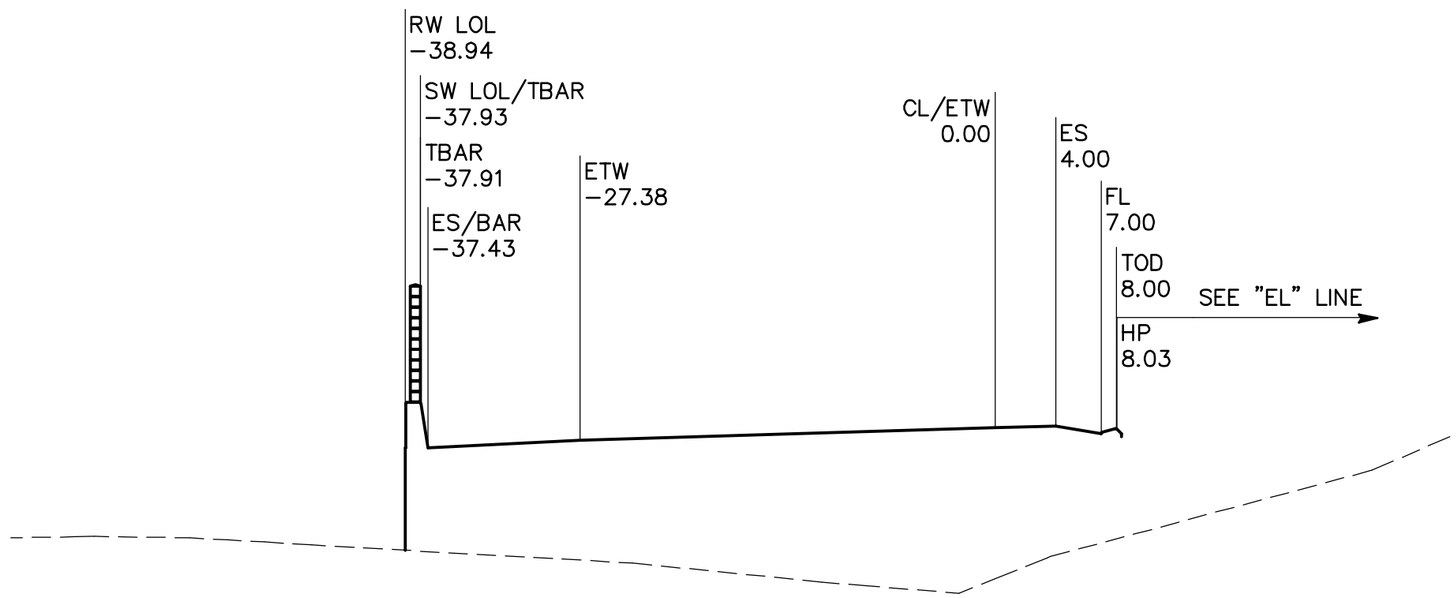
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"RWF" LINE
STATION 56+50.00

	RW LOL	TBAR	TBAR	ES/BAR	ETW	CL/ETW	ETW	FL	TOD	HP	SEE "EL" LINE
Elev	(34.39)	43.18	43.18	40.52	41.02	41.76	41.85	41.35	41.67	41.65	
Dist	43.89	43.81	42.81	42.39	32.34	0.00	4.00	7.00	8.00	8.03	
X−Slope				−4.98%	−2.29%		2.25%	−16.67%			

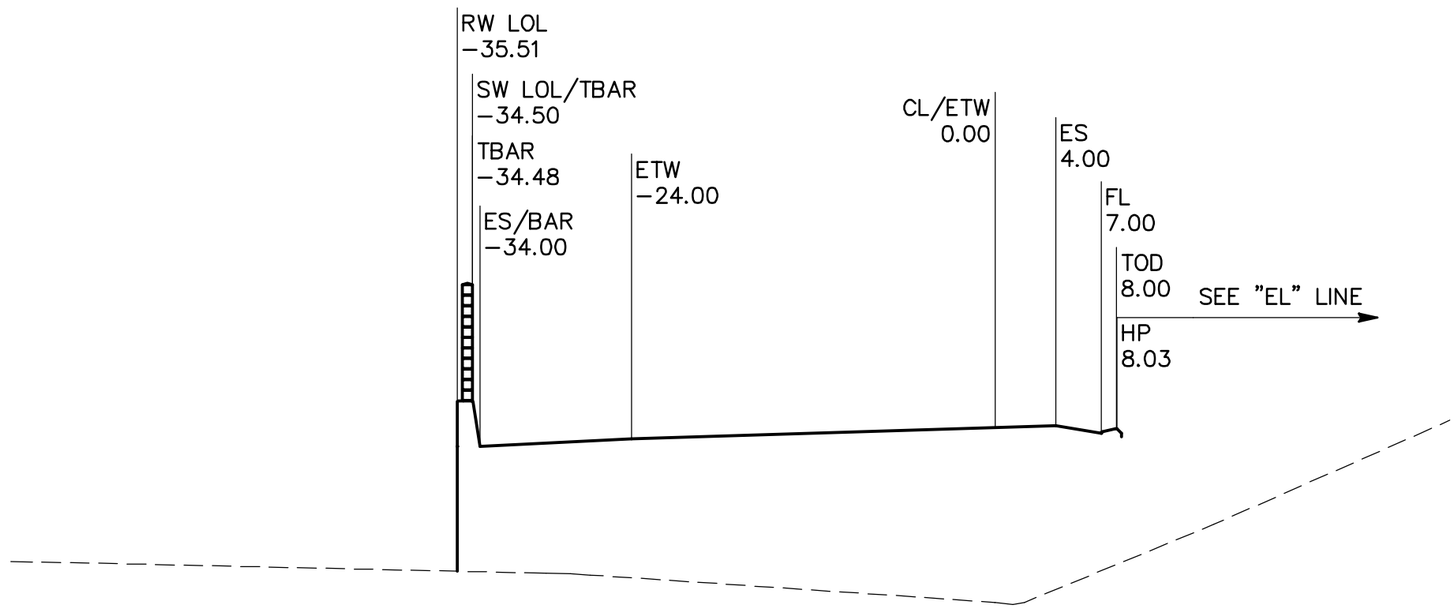
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"RWF" LINE
STATION 57+00.00

	RW LOL	SW LOL/TBAR	TBAR	ES/BAR	ETW	CL/ETW	ETW	FL	TOD	HP	SEE "EL" LINE
Elev	(34.84)	44.61	44.61	41.61	42.11	42.93	43.05	42.55	42.87	42.85	
Dist	38.94	37.93	37.91	37.43	27.38	0.00	4.00	7.00	8.00	8.03	
X−Slope				−4.98%	−2.99%		3.00%	−16.67%			

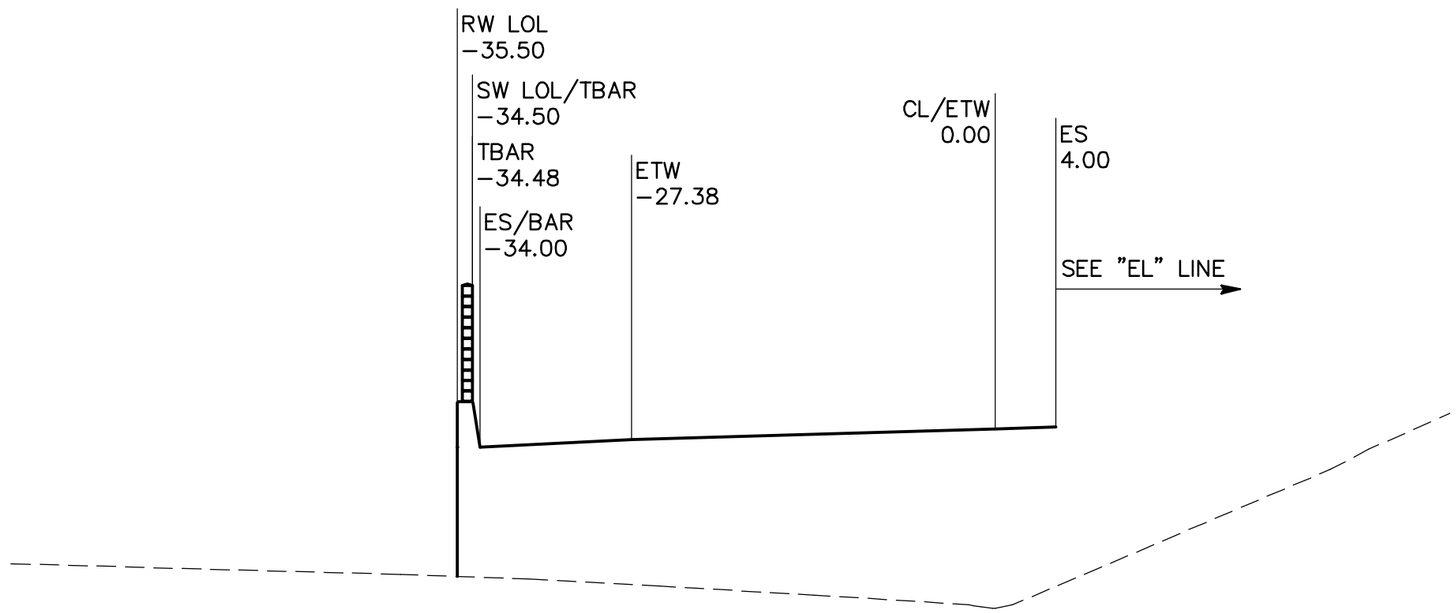
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"RWF" LINE
STATION 57+34.61

	RW LOL	SW LOL/TBAR	TBAR	ES/BAR	ETW	CL/ETW	ETW	FL	TOD	HP	SEE "EL" LINE
Elev	(34.17)	45.42	45.42	42.42	42.92	43.64	43.76	43.26	43.58	43.56	
Dist	35.51	34.50	34.48	34.00	24.00	0.00	4.00	7.00	8.00	8.03	
X−Slope				−5.00%	−3.00%		3.00%	−16.67%			

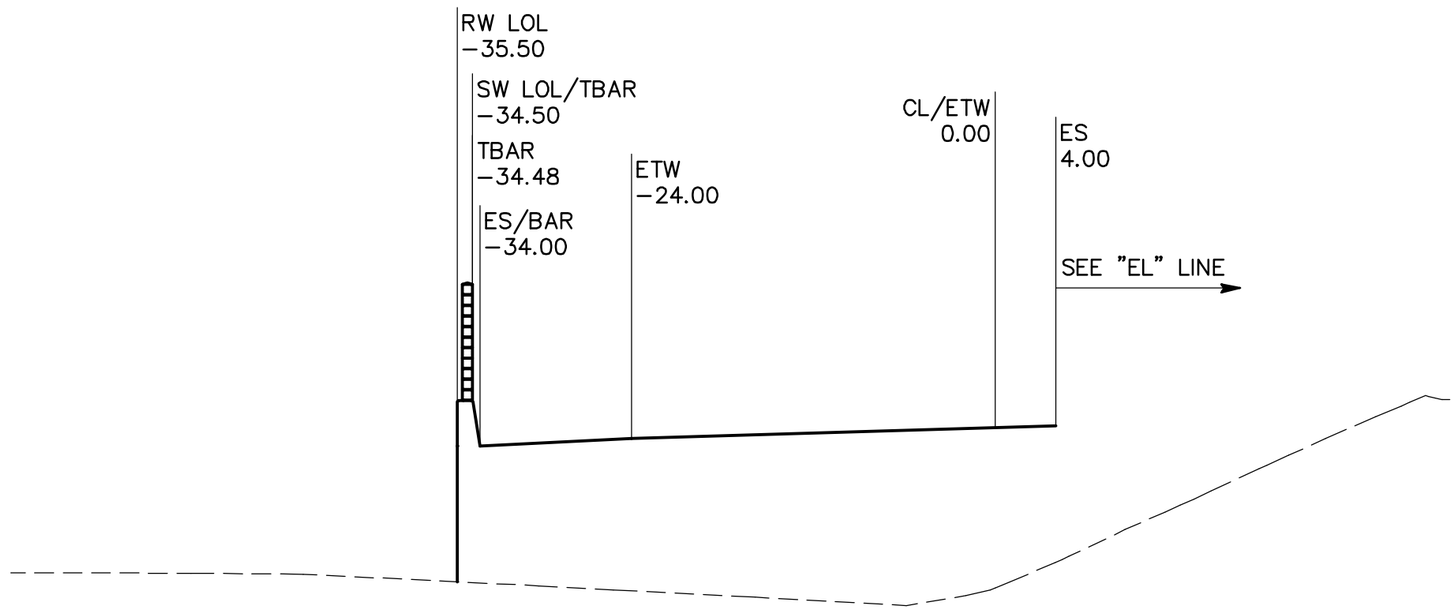
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"RWF" LINE
STATION 57+50.00

	RW LOL	SW LOL/TBAR	TBAR	ES/BAR	ETW	CL/ETW	ES	SEE "EL" LINE
Elev	(34.17)	45.70	45.70	42.70	43.20	43.92	44.04	
Dist	35.50	34.50	34.48	34.00	24.00	0.00	4.00	
X−Slope				−5.00%	−3.00%		3.00%	

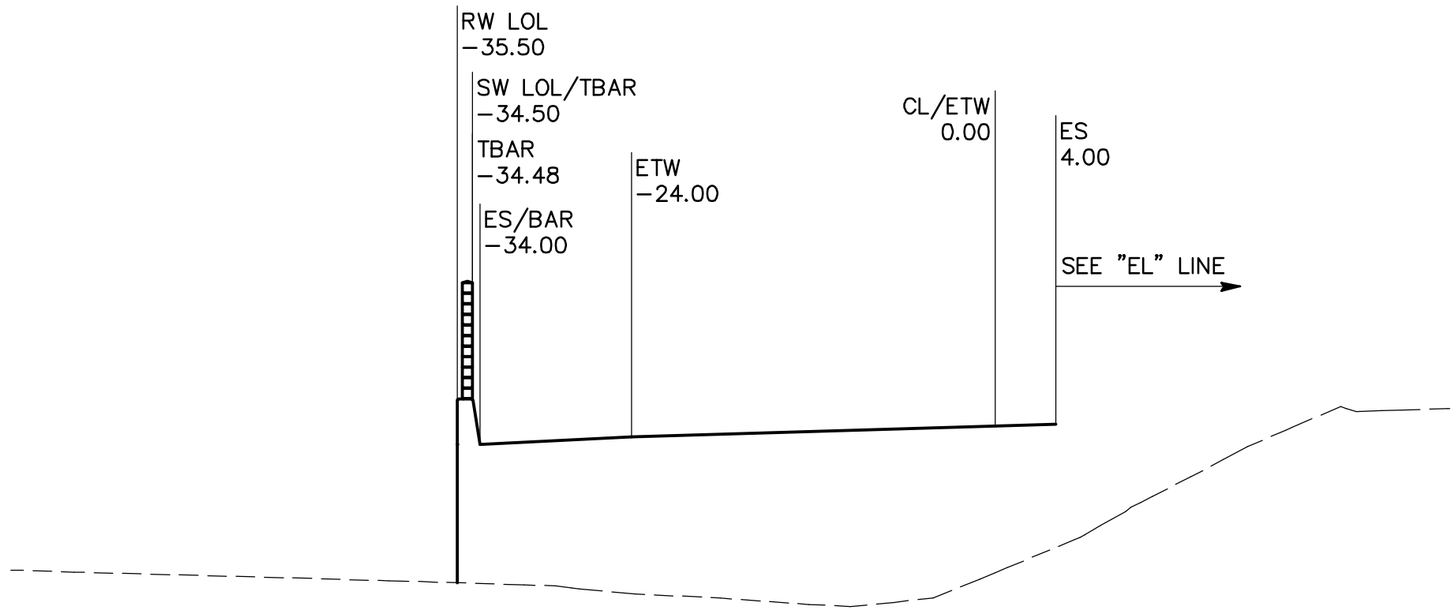
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"RWF" LINE
STATION 58+00.00

	RW LOL	SW LOL/TBAR	TBAR	ES/BAR	ETW	CL/ETW	ES	SEE "EL" LINE
Elev	(34.55)	46.51	46.51	43.51	44.01	44.73	44.85	
Dist	35.50	34.50	34.48	34.00	24.00	0.00	4.00	
X−Slope				−5.00%	−3.00%		3.00%	

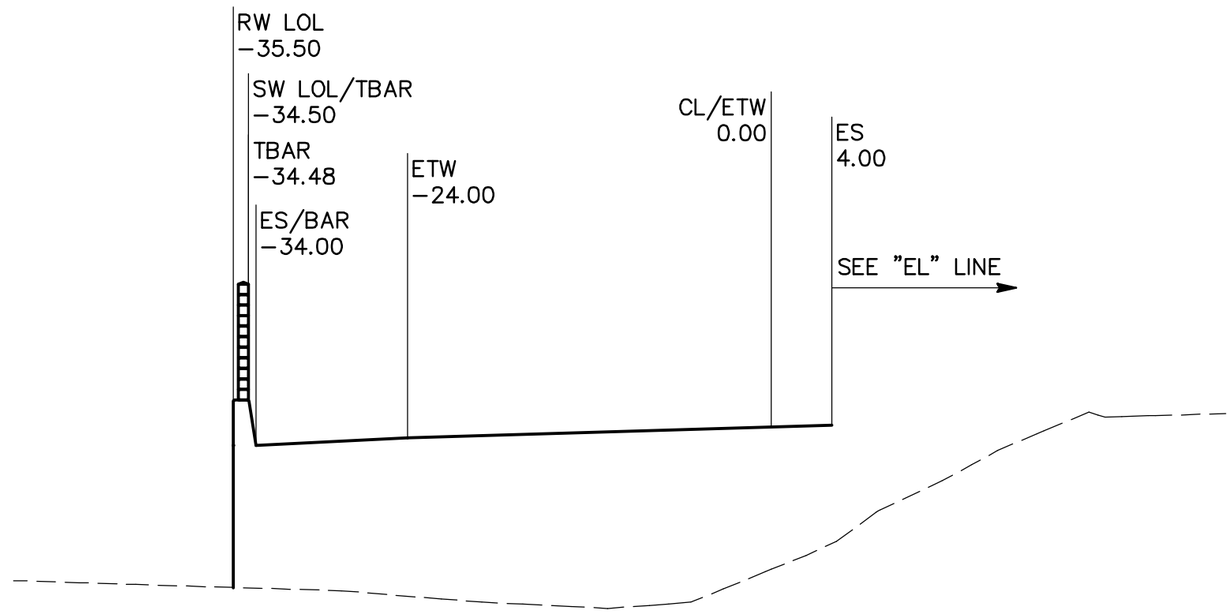
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"RWF" LINE
STATION 58+50.00

	RW LOL	SW LOL/TBAR	TBAR	ES/BAR	ETW	CL/ETW	ES	SEE "EL" LINE
Elev	(35.01)	47.14	47.14	44.14	44.64	45.36	45.48	
Dist	35.50	34.50	34.48	34.00	24.00	0.00	4.00	
X−Slope				−5.00%	−3.00%		3.00%	

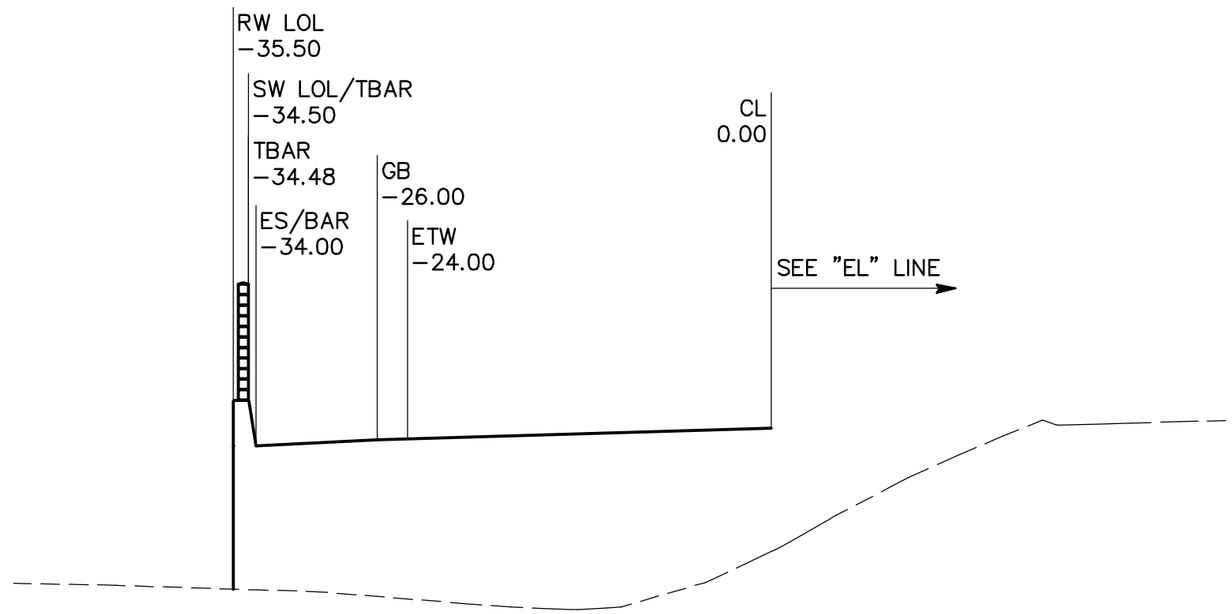
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"RWF" LINE
STATION 58+67.77

	RW LOL	SW LOL/TBAR	TBAR	ES/BAR	ETW	CL/ETW	ES	SEE "EL" LINE
Elev	(34.97)	47.33	47.33	44.33	44.83	45.55	45.67	
Dist	35.50	34.50	34.48	34.00	24.00	0.00	4.00	
X−Slope				−5.00%	−3.00%		3.00%	

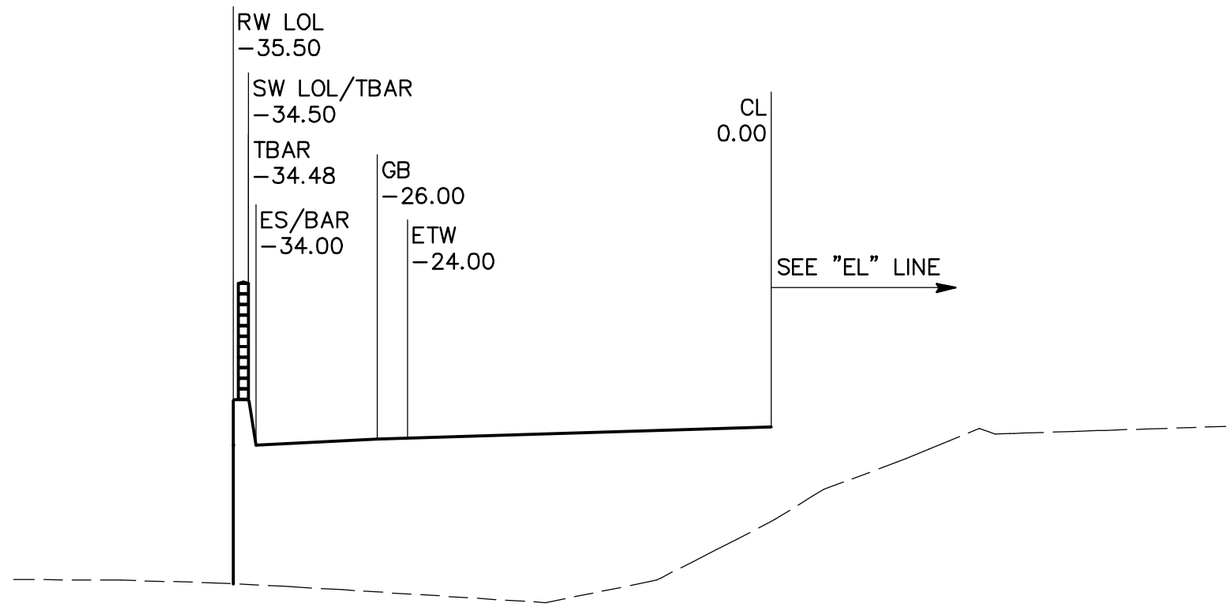
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"RWF" LINE
STATION 59+00.00

	RW LOL	SW LOL/TBAR	TBAR	ES/BAR	GB	ETW	CL	SEE "EL" LINE
Elev	(35.19)	47.64	47.64	44.64	45.04	45.10	45.82	
Dist	35.50	34.50	34.48	34.00	26.00	24.00	0.00	
X−Slope				−5.00%	−3.00%	−3.00%		

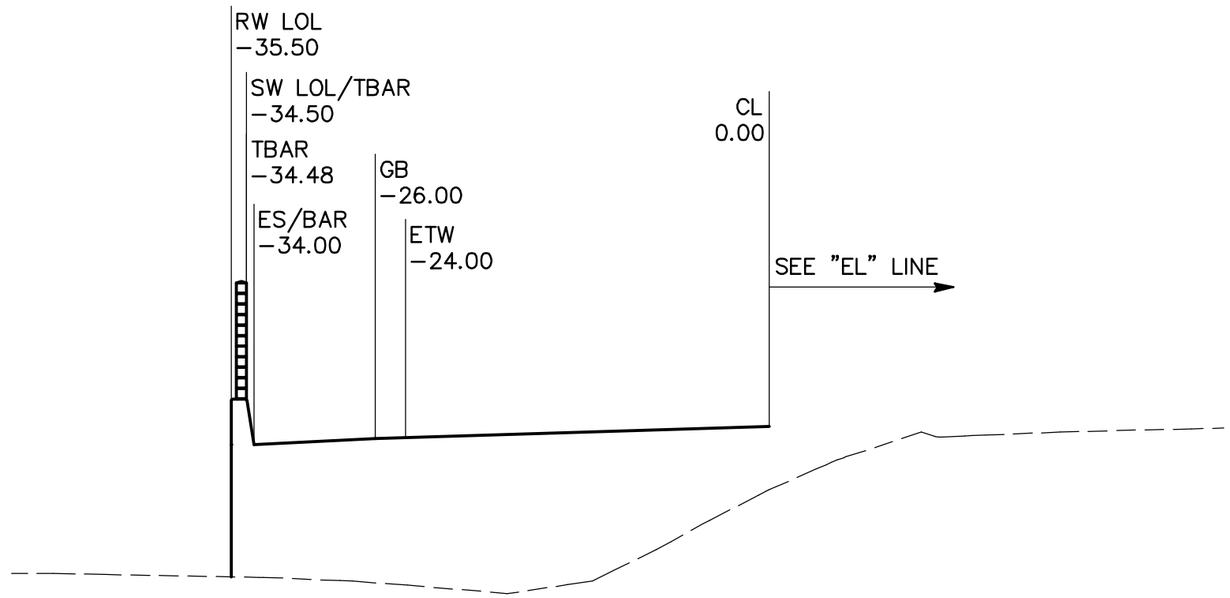
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"RWF" LINE
STATION 59+50.00

	RW LOL	SW LOL/TBAR	TBAR	ES/BAR	GB	ETW	CL	SEE "EL" LINE
Elev	(35.75)	47.91	47.91	44.91	45.31	45.37	46.09	
Dist	35.50	34.50	34.48	34.00	26.00	24.00	0.00	
X−Slope				−5.00%	−3.00%	−3.00%		

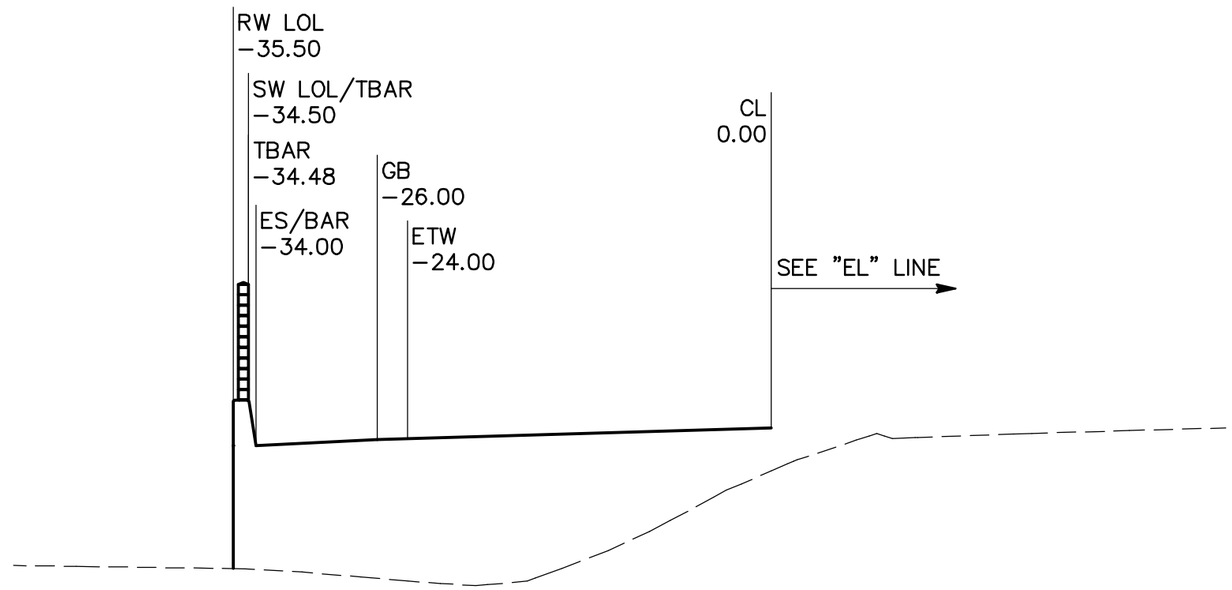
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"RWF" LINE
STATION 60+00.00

	RW LOL	SW LOL/TBAR	TBAR	ES/BAR	GB	ETW	CL	SEE "EL" LINE
Elev	(36.28)	48.01	48.01	45.01	45.41	45.47	46.19	
Dist	35.50	34.50	34.48	34.00	26.00	24.00	0.00	
X−Slope				−5.00%	−3.00%	−3.00%		

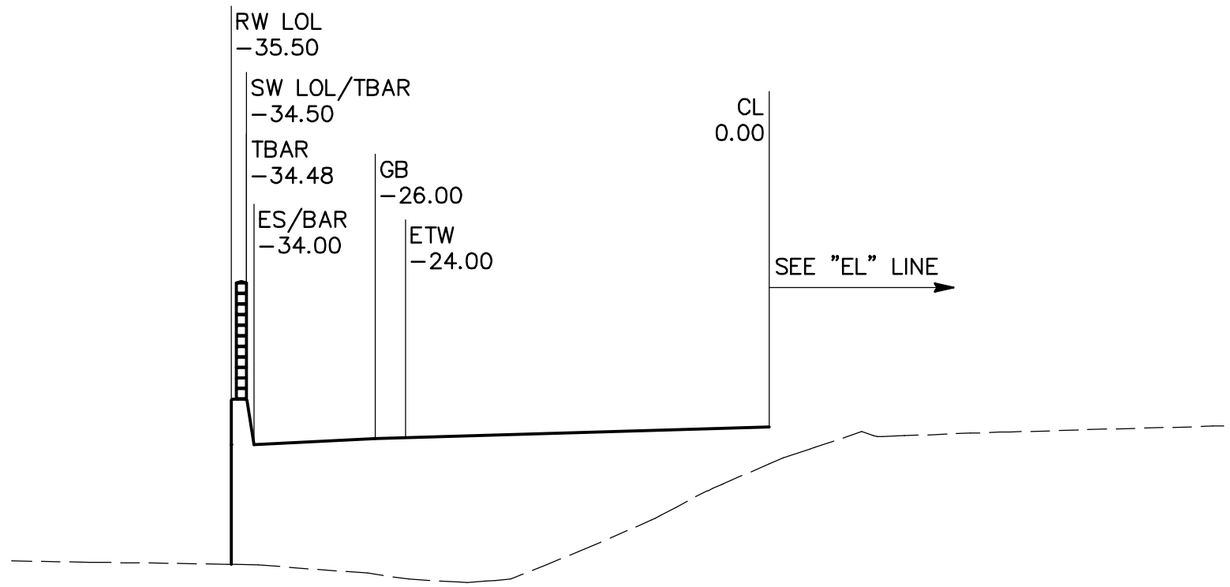
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"RWF" LINE
STATION 60+50.00

	RW LOL	SW LOL/TBAR	TBAR	ES/BAR	GB	ETW	CL	SEE "EL" LINE
Elev	(36.83)	47.93	47.93	44.93	45.33	45.39	46.11	
Dist	35.50	34.50	34.48	34.00	26.00	24.00	0.00	
X−Slope				−5.00%	−3.00%	−3.00%		

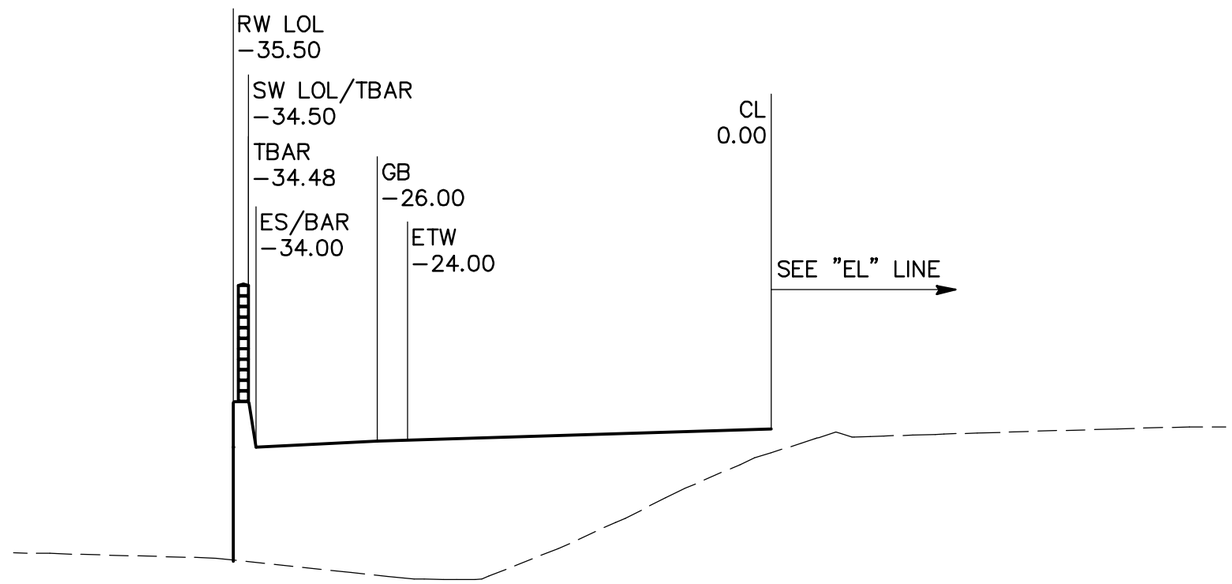
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"RWF" LINE
STATION 60+64.85

	RW LOL	SW LOL/TBAR	TBAR	ES/BAR	GB	ETW	CL	SEE "EL" LINE
Elev	(36.98)	47.87	47.87	44.87	45.27	45.33	46.05	
Dist	35.50	34.50	34.48	34.00	26.00	24.00	0.00	
X−Slope				−5.00%	−3.00%	−3.00%		

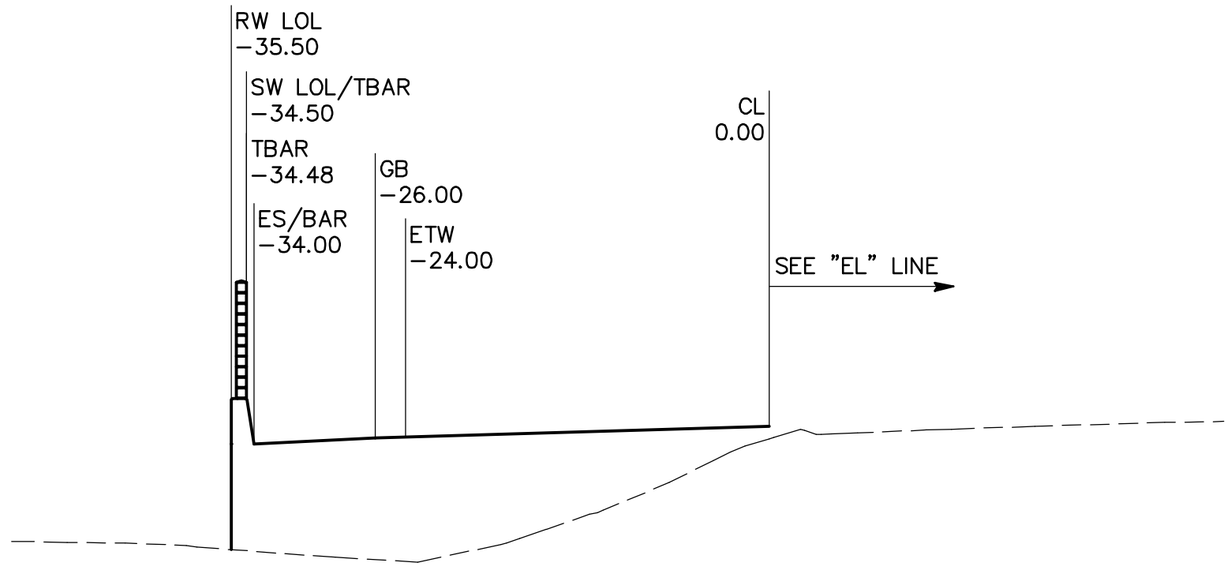
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"RWF" LINE
STATION 61+00.00

	RW LOL	SW LOL/TBAR	TBAR	ES/BAR	GB	ETW	CL	SEE "EL" LINE
Elev	(37.26)	47.71	47.71	44.71	45.11	45.17	45.89	
Dist	35.50	34.50	34.48	34.00	26.00	24.00	0.00	
X−Slope				−5.00%	−3.00%	−3.00%		

FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"RWF" LINE
STATION 61+37.59

	RW LOL	SW LOL/TBAR	TBAR	ES/BAR	GB	ETW	CL	SEE "EL" LINE
Elev	(37.57)	47.54	47.54	44.54	44.94	45.00	45.72	
Dist	35.50	34.50	34.48	34.00	26.00	24.00	0.00	
X−Slope				−5.00%	−3.00%	−3.00%		

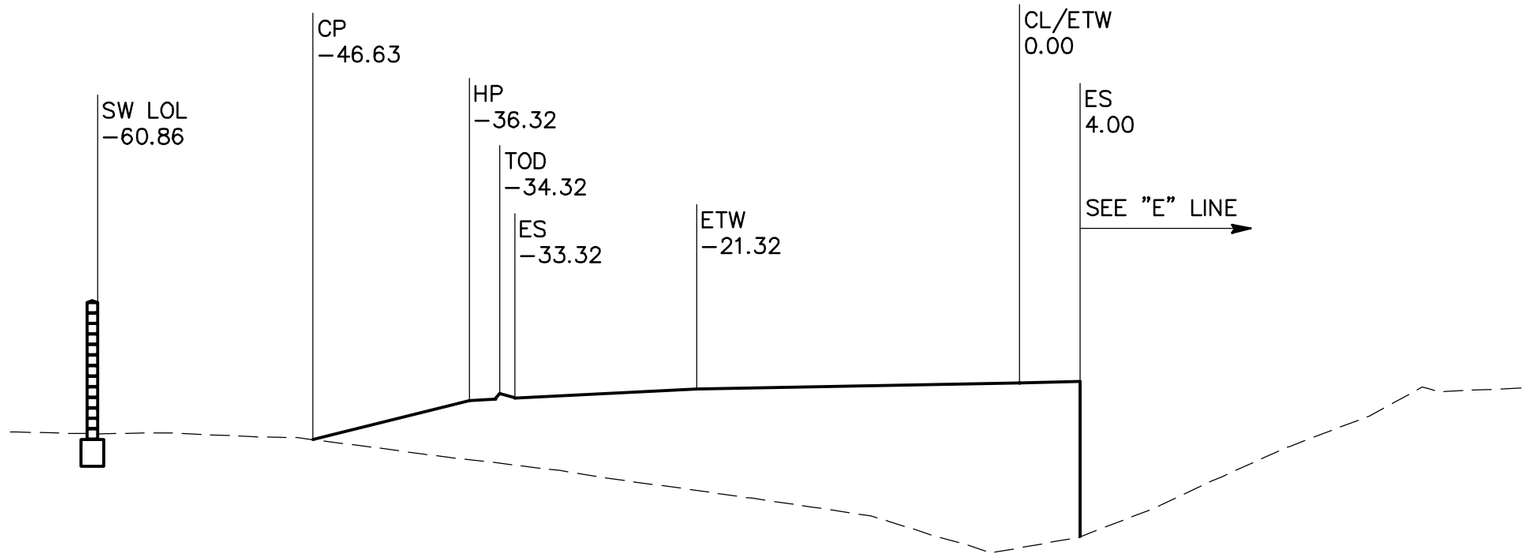
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1

CROSS SECTIONS

ROUTE 4 (EAST) WIDENING

SECTION XIII

"RWN" LINE – (SHEET 1–38)



"RWN" LINE
STATION 42+38.72

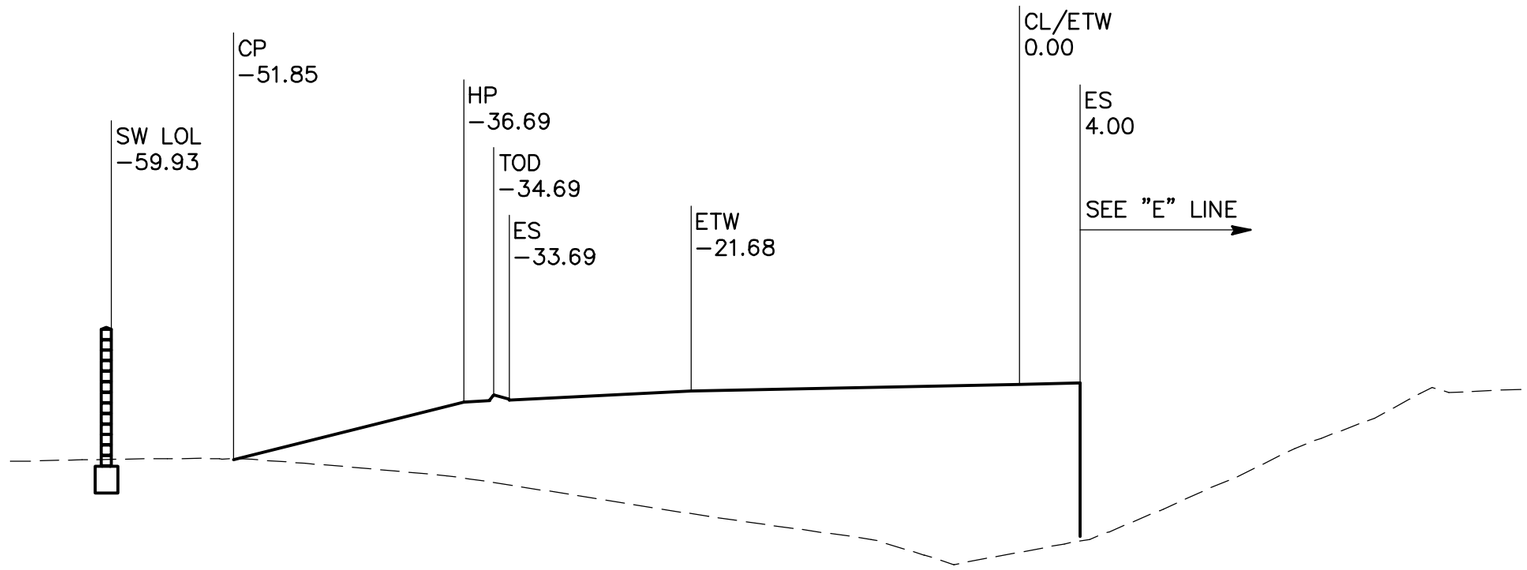
	SW LOL	CP	HP	TOD	ES	ETW	CL/ETW	ES	SEE "E" LINE
Elev	(38.83)	38.44	41.02	41.48	41.17	41.77	42.20	42.28	
Dist	60.86	46.63	36.32	34.32	33.32	21.32	0.00	4.00	
X−Slope			−5.00%		−5.00%	−2.00%		2.00%	

LEGEND:

(XX.XX) EXISTING GROUND ELEVATION

ABBREVIATIONS:

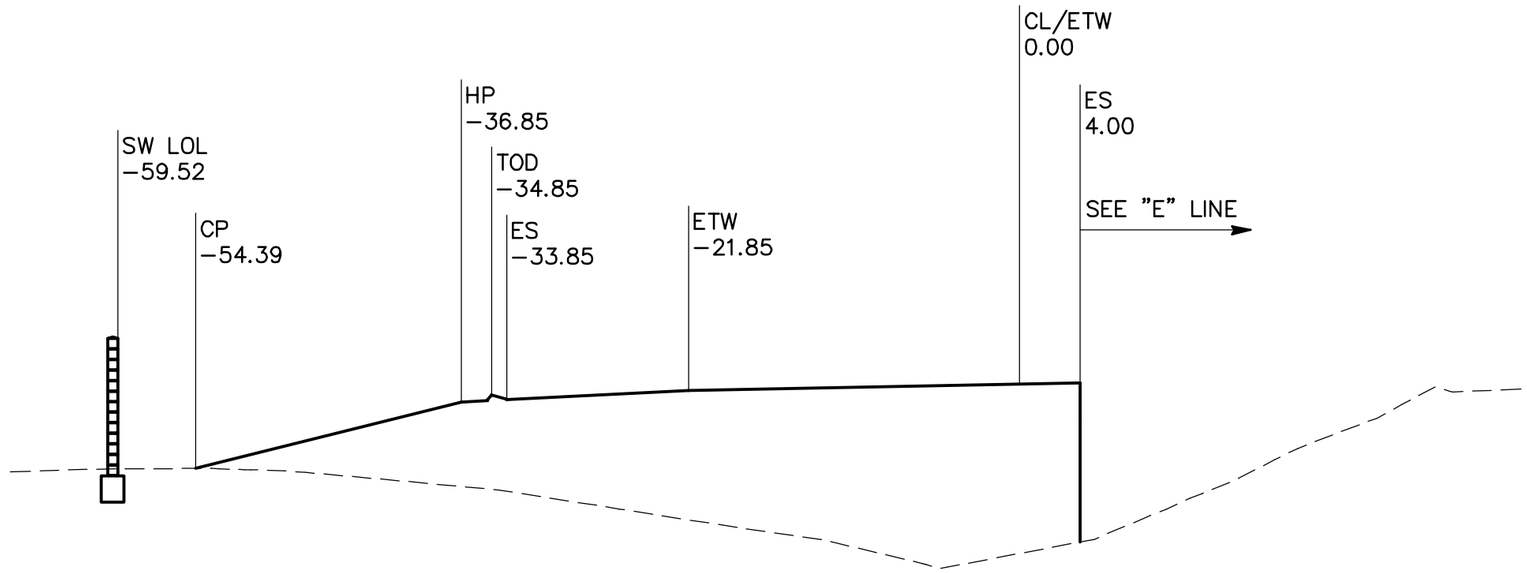
BAR − Barrier Face
BBAR − Back of Barrier
BSW − Back of Sidewalk
BWALL − Back of Wall
CL − Centerline
CP − Catch Point
EC − Edge of Concrete
EG − Edge of Gutter
EP − Edge of Pavement
ES − Edge of Shoulder
ETW − Edge of Traveled Way
FL − Paved or unpaved Flow Line
FLC − Flow Line Curb
FWALL − Face of Wall
GB − Grade Break
HP − Hinge Point
ML − Match Line
LG − Lip of Gutter
P − Pavement
PG − Profile Grade
R/W − Right of Way
RW LOL − Retaining Wall Layout Line
S/C − Saw Cut Line
SW LOL − Sound Wall Layout Line
TBAR − Top of Barrier
TC − Top of Curb
TDITCH − Top of Ditch
TE − Top of Embankment
TGT − Top of Gutter
TOD − Top of Dike
TSW − Top of Swale



"RWN" LINE
STATION 42+50.00

	SW LOL	CP	HP	TOD	ES	ETW	CL/ETW	ES	SEE "E" LINE
Elev	(37.28)	37.26	41.05	41.51	41.20	41.80	42.23	42.31	
Dist	59.93	51.85	36.69	34.69	33.69	21.68	0.00	4.00	
X−Slope			−5.00%		−5.00%	−1.98%		2.00%	

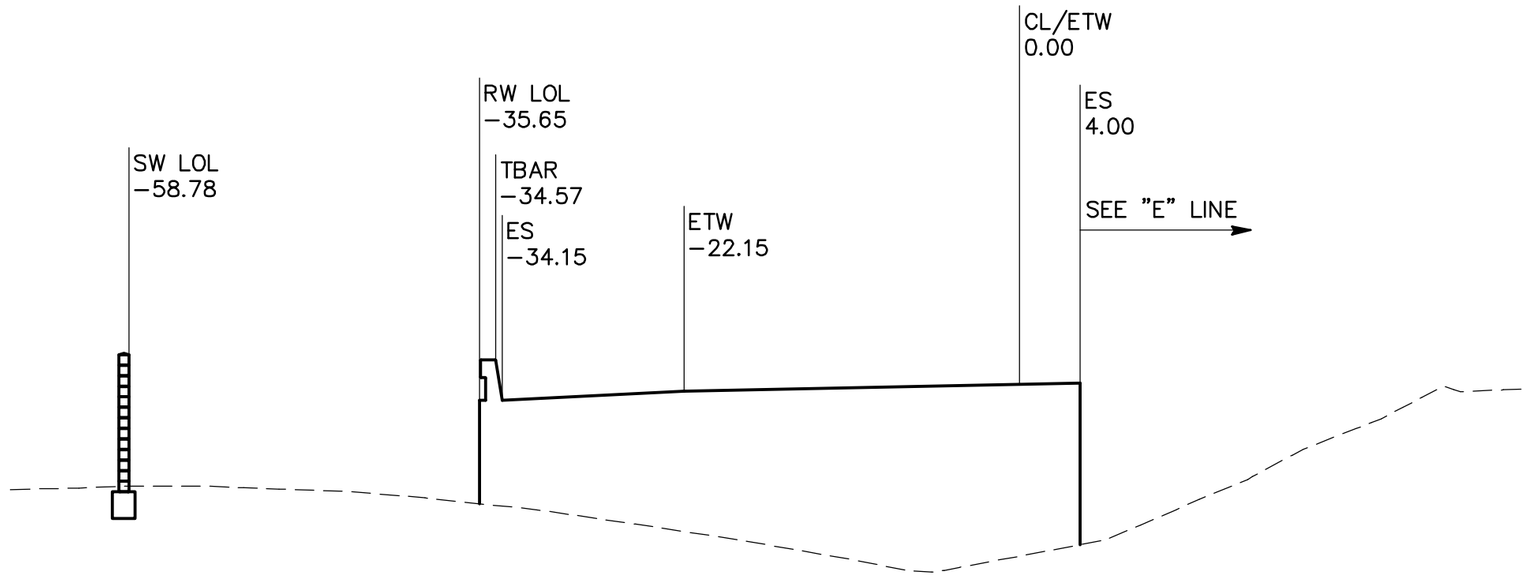
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"RWN" LINE
STATION 42+54.63

	SW LOL	CP	HP	TOD	ES	ETW	CL/ETW	ES	SEE "E" LINE
Elev	(36.64)	36.68	41.06	41.52	41.21	41.81	42.25	42.33	
Dist	59.52	54.39	36.85	34.85	33.85	21.85	0.00	4.00	
X−Slope			−5.00%		−5.00%	−2.01%		2.00%	

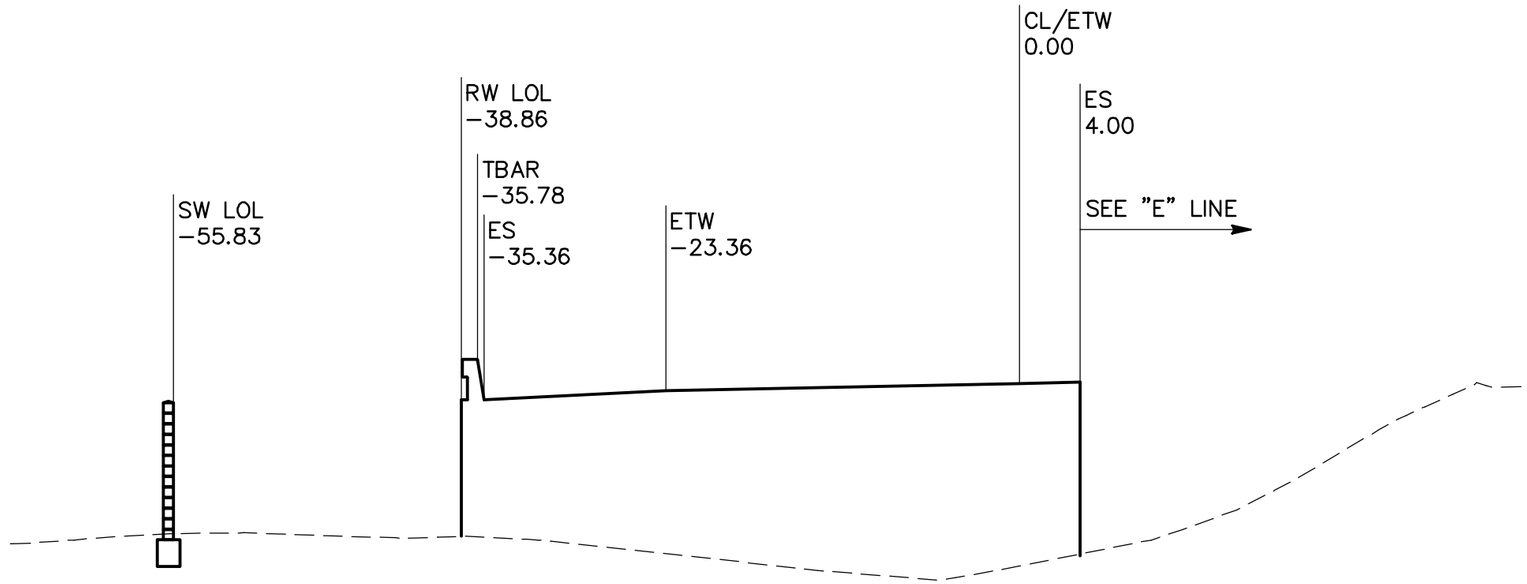
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"RWN" LINE
STATION 42+63.63

	SW LOL	RW LOL	TBAR	ES	ETW	CL/ETW	ES	SEE "E" LINE
Elev	(35.54)	(34.40)	43.90	41.23	41.83	42.27	42.35	
Dist	58.78	35.65	34.57	34.15	22.15	0.00	4.00	
X−Slope				−5.00%	−1.99%		2.00%	

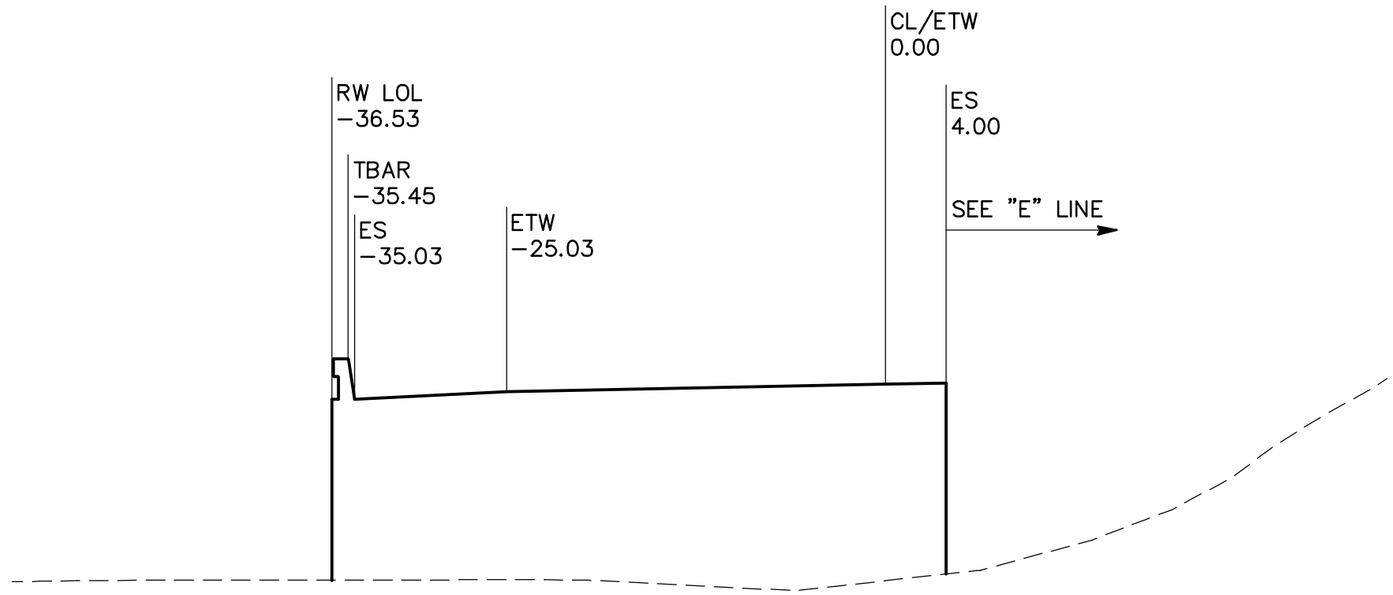
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"RWN" LINE
STATION 43+00.00

	SW LOL	RW LOL	TBAR	ES	ETW	CL/ETW	ES	SEE "E" LINE
Elev	(32.43)	(32.25)	43.93	41.26	41.86	42.33	42.41	
Dist	55.83	36.86	35.78	35.36	23.36	0.00	4.00	
X−Slope				−5.00%	−2.01%		2.00%	

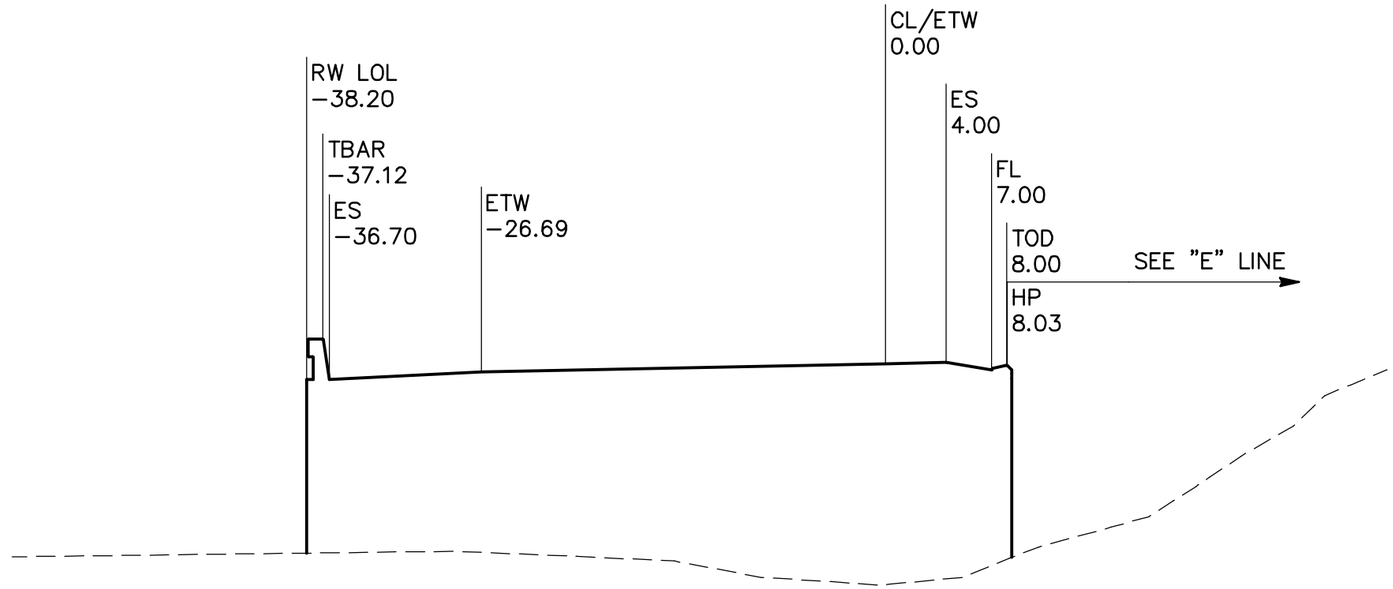
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"RWN" LINE
STATION 43+50.00

	RW LOL	TBAR	ES	ETW	CL/ETW	ES	SEE "E" LINE
Elev	(29.36)	43.95	41.28	41.78	42.28	42.36	
Dist	36.53	35.45	35.03	25.03	0.00	4.00	
X−Slope			−5.00%	−2.00%		2.00%	

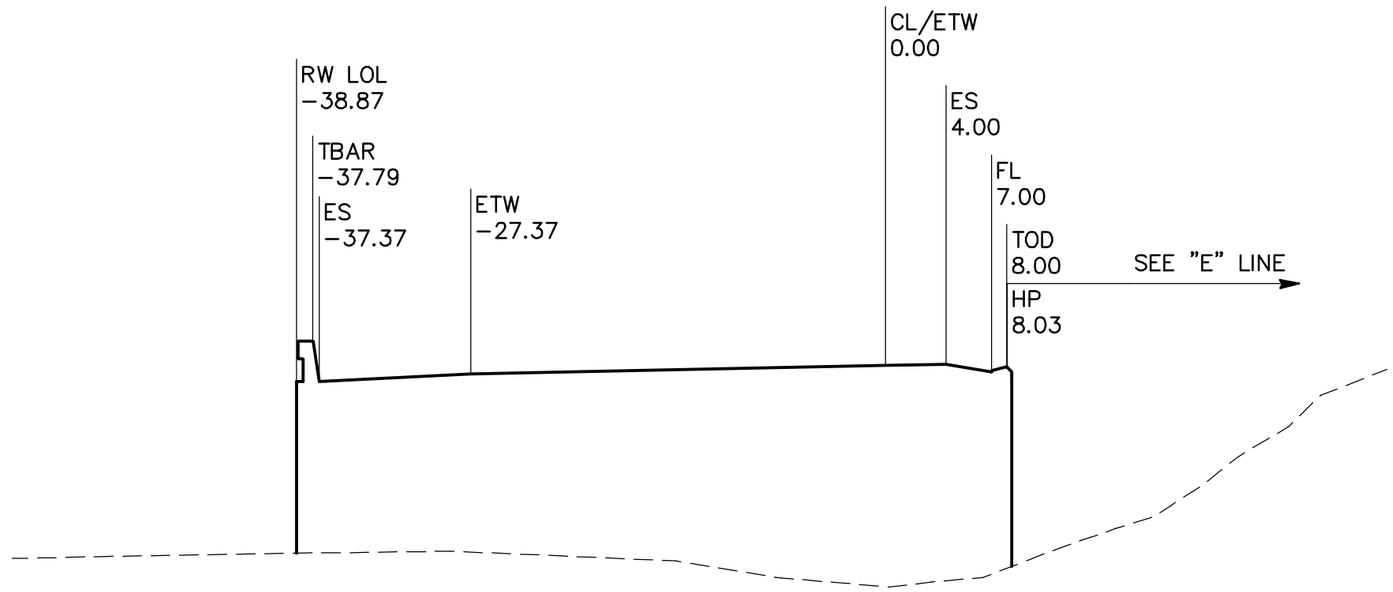
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"RWN" LINE
STATION 44+00.00

	RW LOL	TBAR	ES	ETW	CL/ETW	ES	FL	TOD	HP	SEE "E" LINE
Elev	(29.60)	43.73	41.06	41.56	42.09	42.17	41.67	42.01	41.99	
Dist	38.20	37.12	36.70	26.69	0.00	4.00	7.00	8.00	8.03	
X−Slope			−5.00%	−1.99%		2.00%	−16.67%			

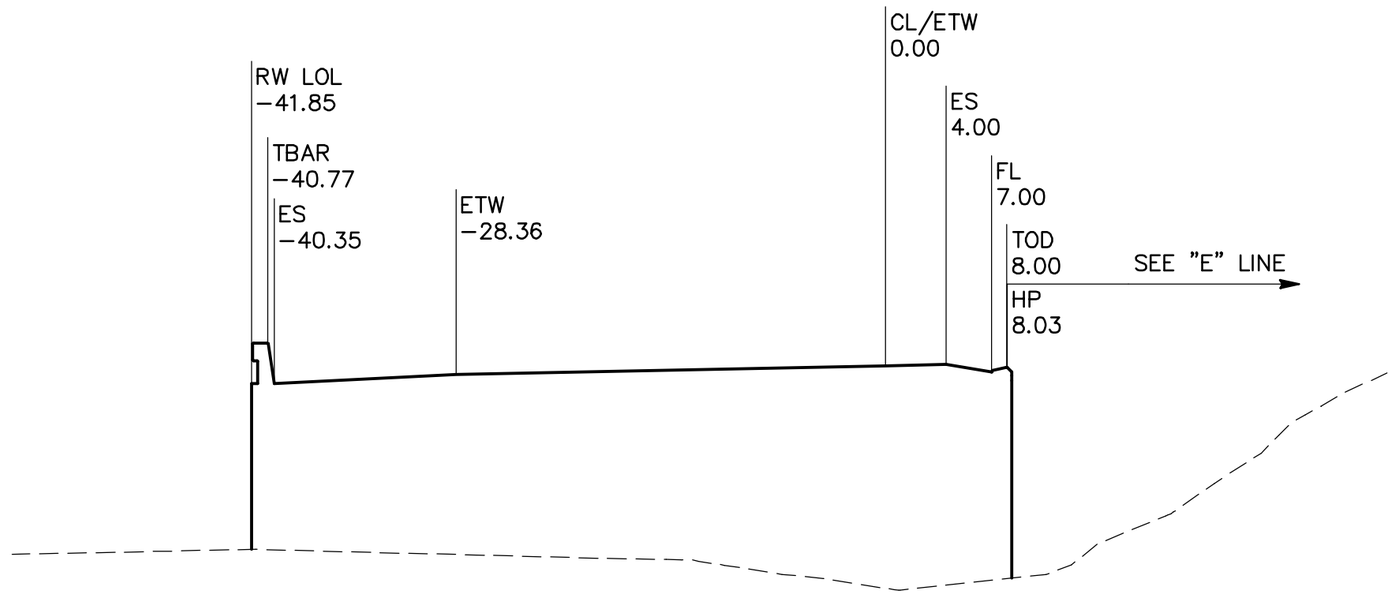
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"RWN" LINE
STATION 44+20.28

	RW LOL	TBAR	ES	ETW	CL/ETW	ES	FL	TOD	HP	SEE "E" LINE
Elev	(29.59)	43.60	40.93	41.43	41.98	42.06	41.56	41.89	41.87	
Dist	38.87	37.79	37.37	27.37	0.00	4.00	7.00	8.00	8.03	
X-Slope			-5.00%	-2.01%		2.00%	-16.67%			

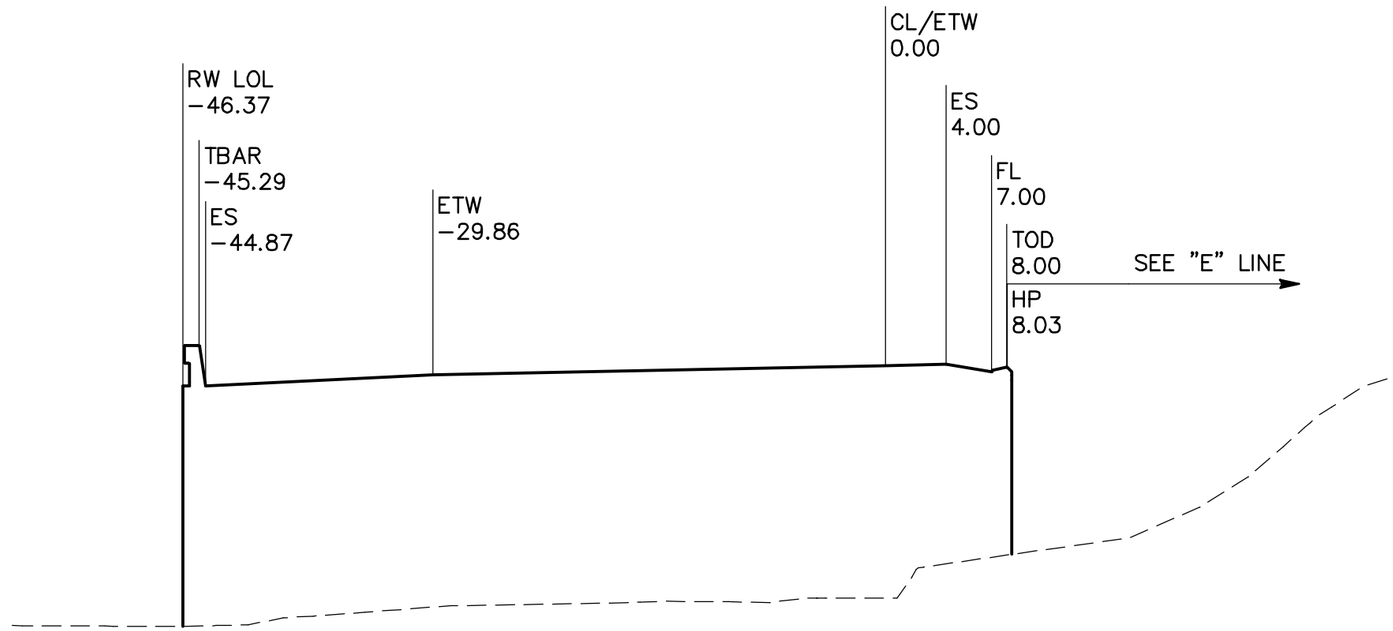
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"RWN" LINE
STATION 44+50.00

	RW LOL	TBAR	ES	ETW	CL/ETW	ES	FL	TOD	HP	SEE "E" LINE
Elev	(29.64)	43.27	40.60	41.20	41.76	41.84	41.34	41.67	41.65	
Dist	41.85	40.77	40.35	28.36	0.00	4.00	7.00	8.00	8.03	
X−Slope			−5.00%	−1.99%		2.00%	−16.67%			

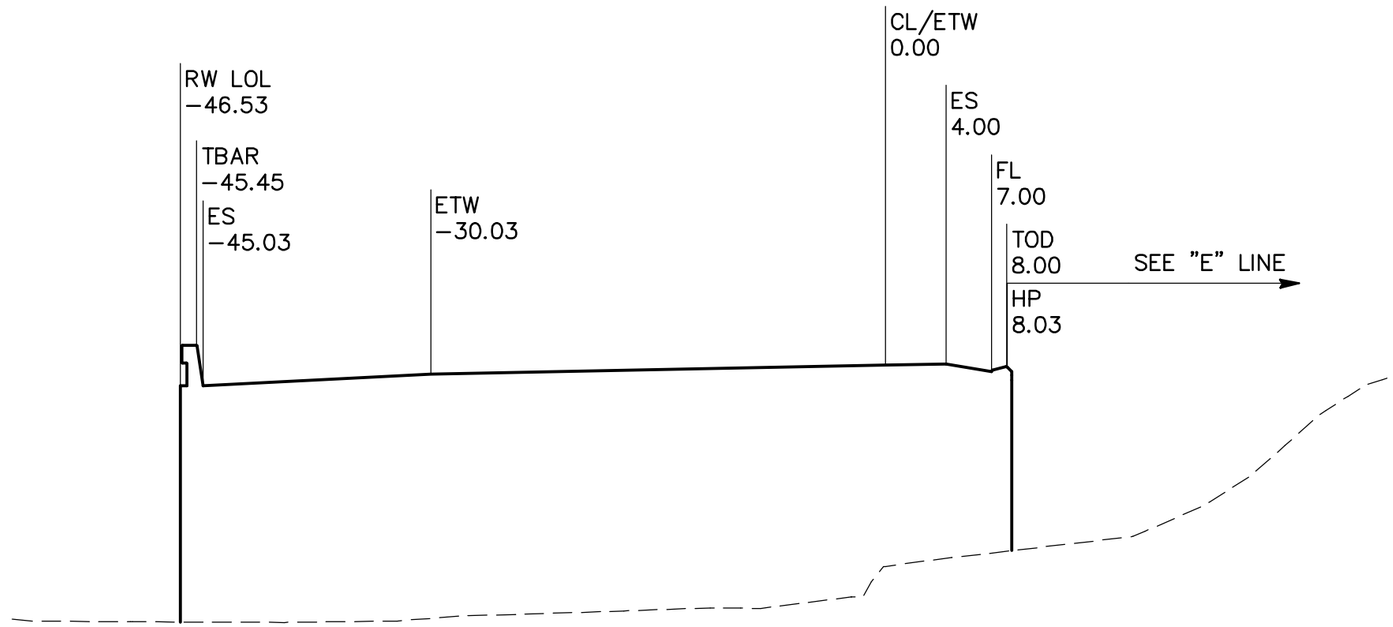
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"RWN" LINE
STATION 44+95.07

	RW LOL	TBAR	ES	ETW	CL/ETW	ES	FL	TOD	HP	SEE "E" LINE
Elev	(24.14)	42.67	40.00	40.75	41.35	41.43	40.93	41.26	41.24	
Dist	46.37	45.29	44.87	29.86	0.00	4.00	7.00	8.00	8.03	
X−Slope			−5.00%	−2.01%		2.00%	−16.67%			

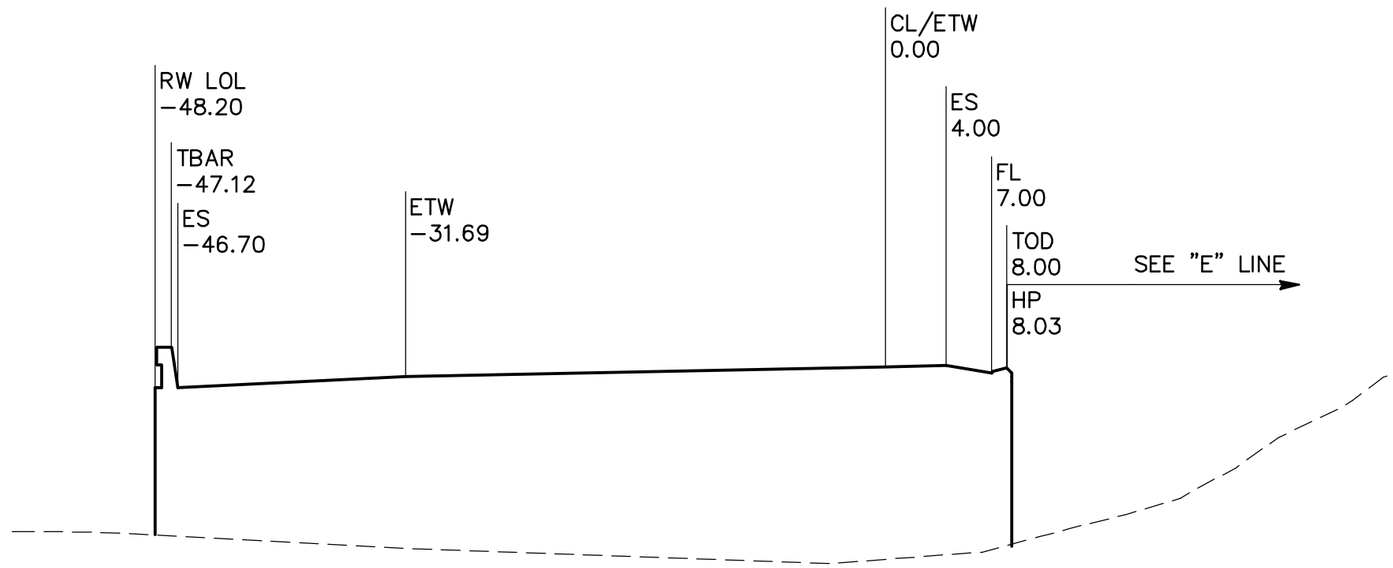
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"RWN" LINE
STATION 45+00.00

	RW LOL	TBAR	ES	ETW	CL/ETW	ES	FL	TOD	HP	SEE "E" LINE
Elev	(24.36)	42.62	39.95	40.70	41.30	41.38	40.88	41.21	41.19	
Dist	46.53	45.45	45.03	30.03	0.00	4.00	7.00	8.00	8.03	
X−Slope			−5.00%	−2.00%		2.00%	−16.67%			

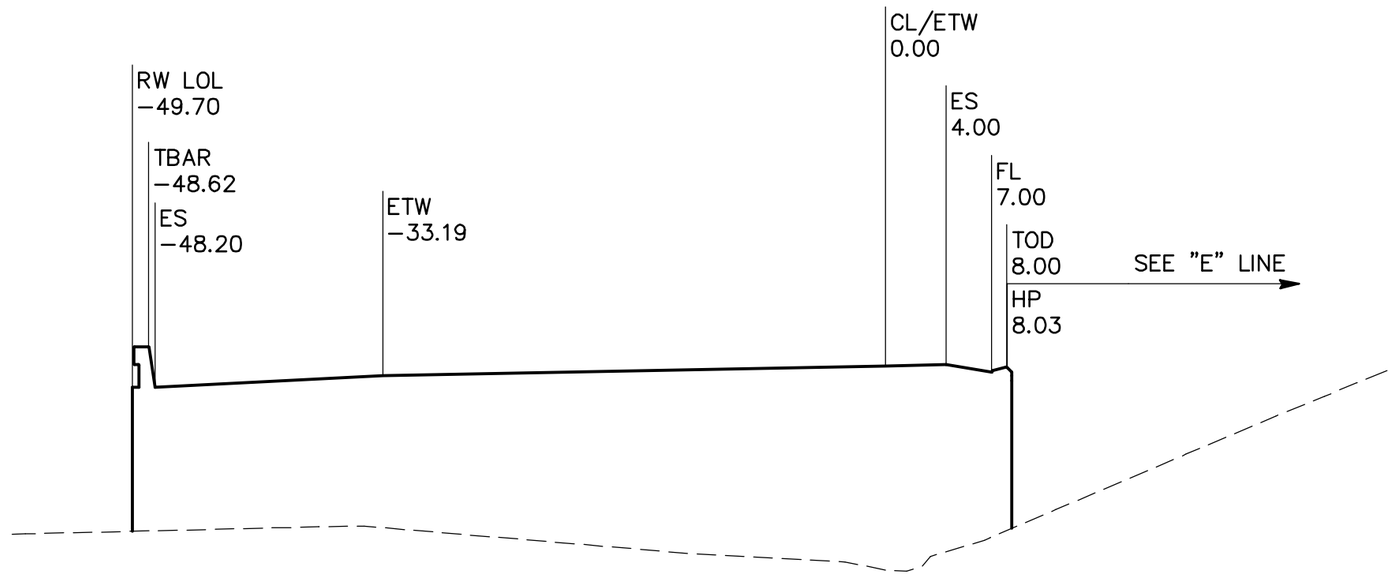
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"RWN" LINE
STATION 45+50.00

	RW LOL	TBAR	ES	ETW	CL/ETW	ES	FL	TOD	HP	SEE "E" LINE
Elev	(29.59)	41.98	39.31	40.06	40.69	40.77	40.27	40.60	40.58	
Dist	48.20	47.12	46.70	31.69	0.00	4.00	7.00	8.00	8.03	
X−Slope			−5.00%	−1.99%		2.00%	−16.67%			

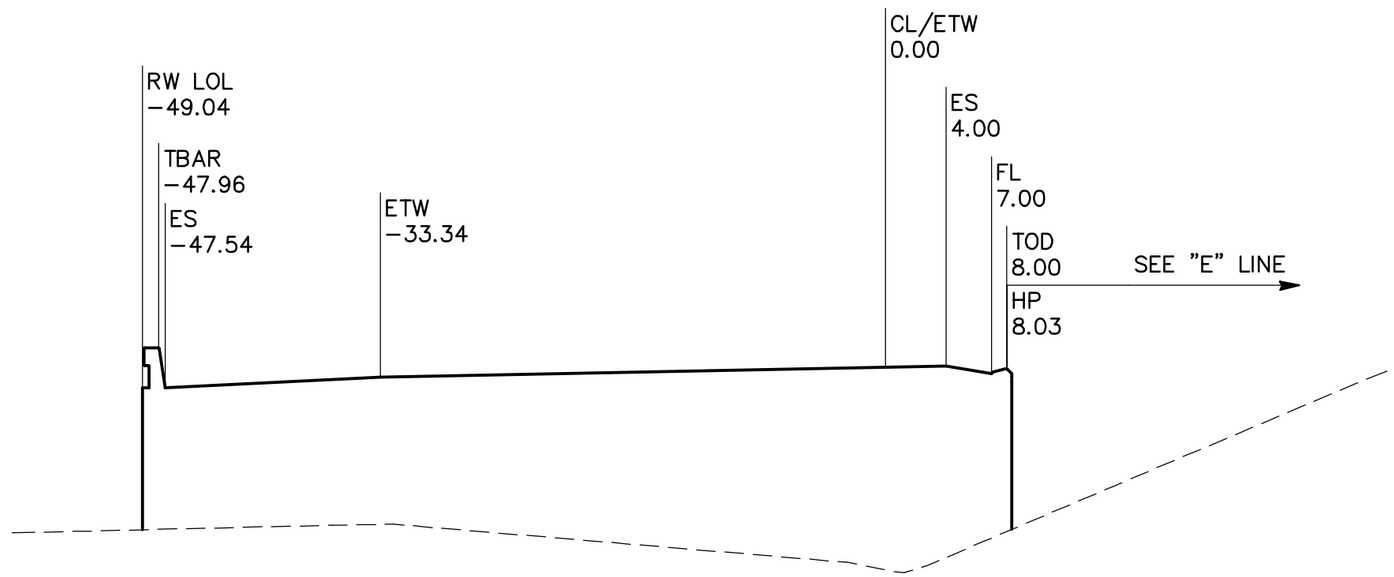
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"RWN" LINE
STATION 45+95.01

	RW LOL	TBAR	ES	ETW	CL/ETW	ES	FL	TOD	HP	SEE "E" LINE
Elev	(29.10)	41.28	38.61	39.36	40.02	40.10	39.60	39.93	39.91	
Dist	49.70	48.62	48.20	33.19	0.00	4.00	7.00	8.00	8.03	
X−Slope			−5.00%	−1.99%		2.00%	−16.67%			

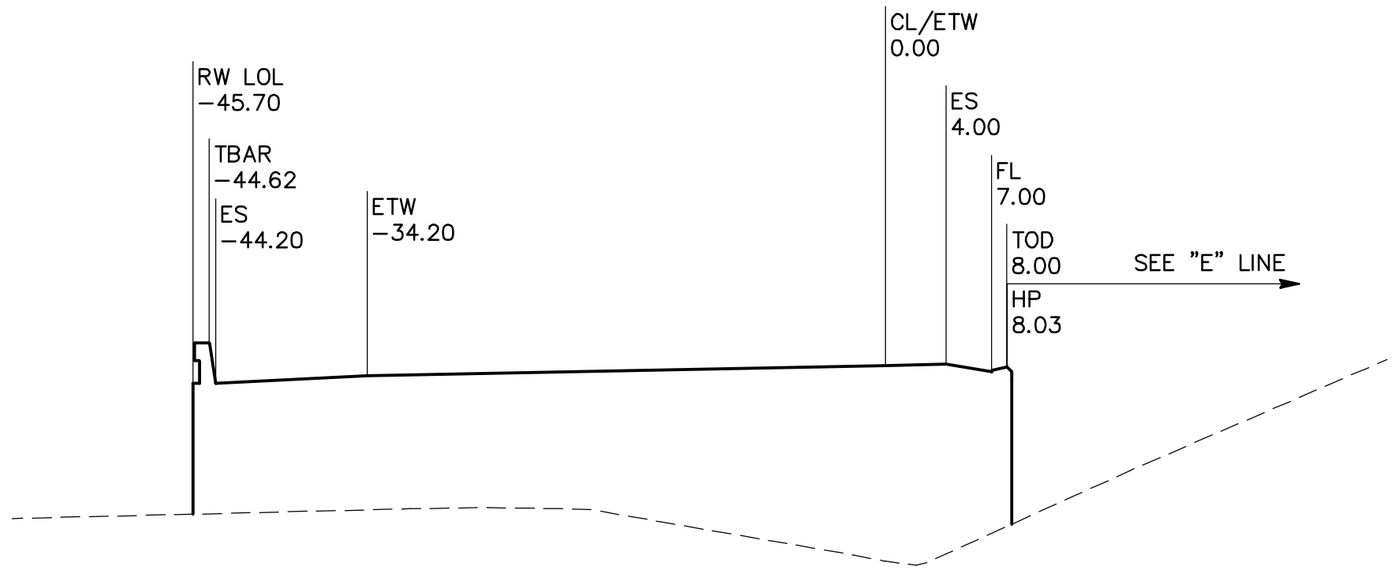
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"RWN" LINE
STATION 46+00.00

	RW LOL	TBAR	ES	ETW	CL/ETW	ES	FL	TOD	HP	SEE "E" LINE
Elev	(29.20)	41.23	38.56	39.27	39.94	40.02	39.52	39.85	39.83	
Dist	49.04	47.96	47.54	33.34	0.00	4.00	7.00	8.00	8.03	
X−Slope			−5.00%	−2.01%		2.00%	−16.67%			

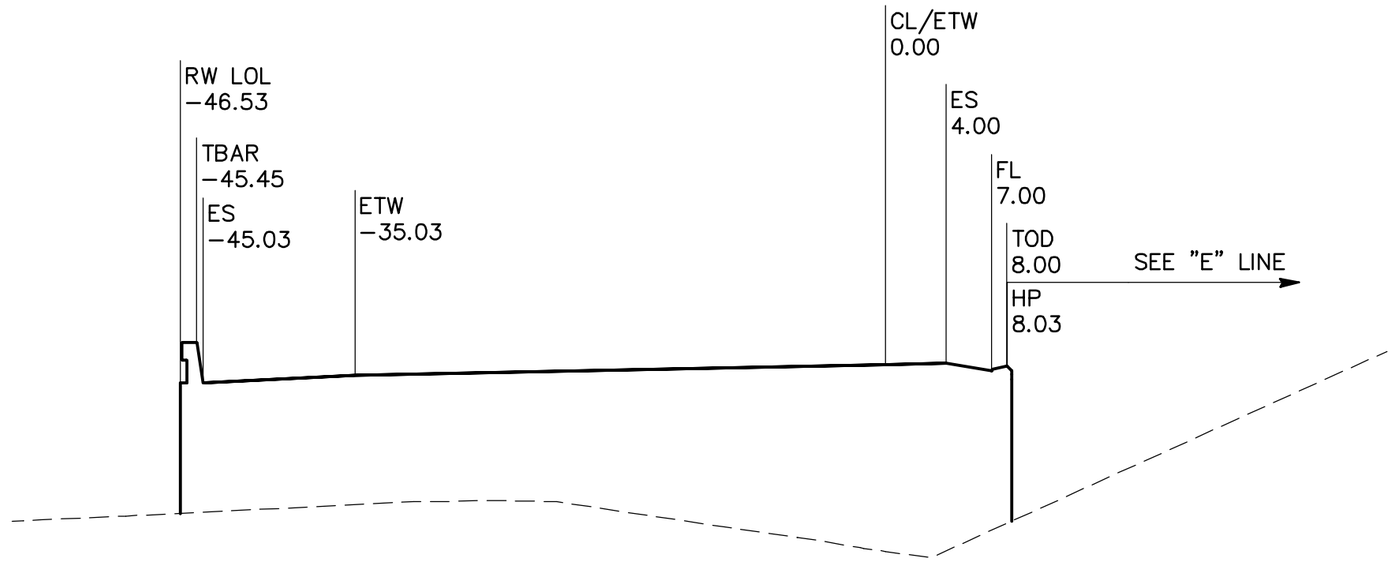
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"RWN" LINE
STATION 46+25.16

	RW LOL	TBAR	ES	ETW	CL/ETW	ES	FL	TOD	HP	SEE "E" LINE
Elev	(29.71)	40.99	38.33	38.83	39.51	39.59	39.09	39.42	39.40	
Dist	45.70	44.62	44.20	34.20	0.00	4.00	7.00	8.00	8.03	
X−Slope			−5.00%	−2.00%		2.00%	−16.67%			

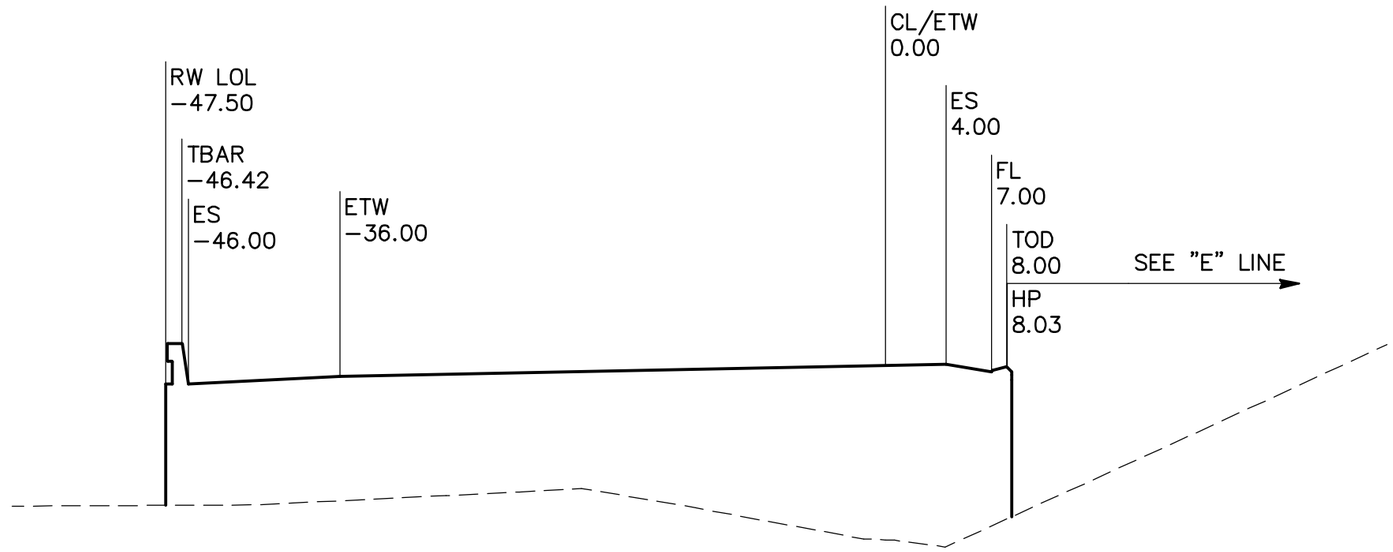
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"RWN" LINE
STATION 46+50.00

	RW LOL	TBAR	ES	ETW	CL/ETW	ES	FL	TOD	HP	SEE "E" LINE
Elev	(29.24)	40.52	37.86	38.36	39.06	39.14	38.64	38.94	38.92	
Dist	46.53	45.45	45.03	35.03	0.00	4.00	7.00	8.00	8.03	
X−Slope			−5.00%	−2.00%		2.00%	−16.67%			

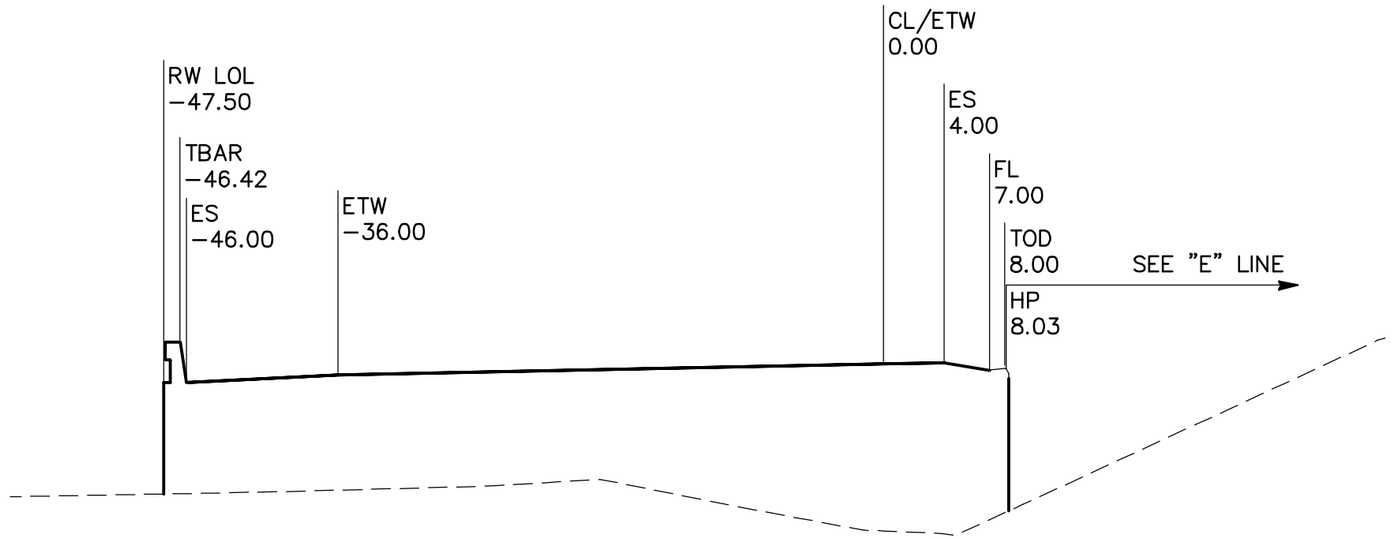
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"RWN" LINE
STATION 46+79.08

	RW LOL	TBAR	ES	ETW	CL/ETW	ES	FL	TOD	HP	SEE "E" LINE
Elev	(29.23)	39.92	37.26	37.76	38.48	38.56	38.06	38.38	38.36	
Dist	47.50	46.42	46.00	36.00	0.00	4.00	7.00	8.00	8.03	
X−Slope			−5.00%	−2.00%		2.00%	−16.67%			

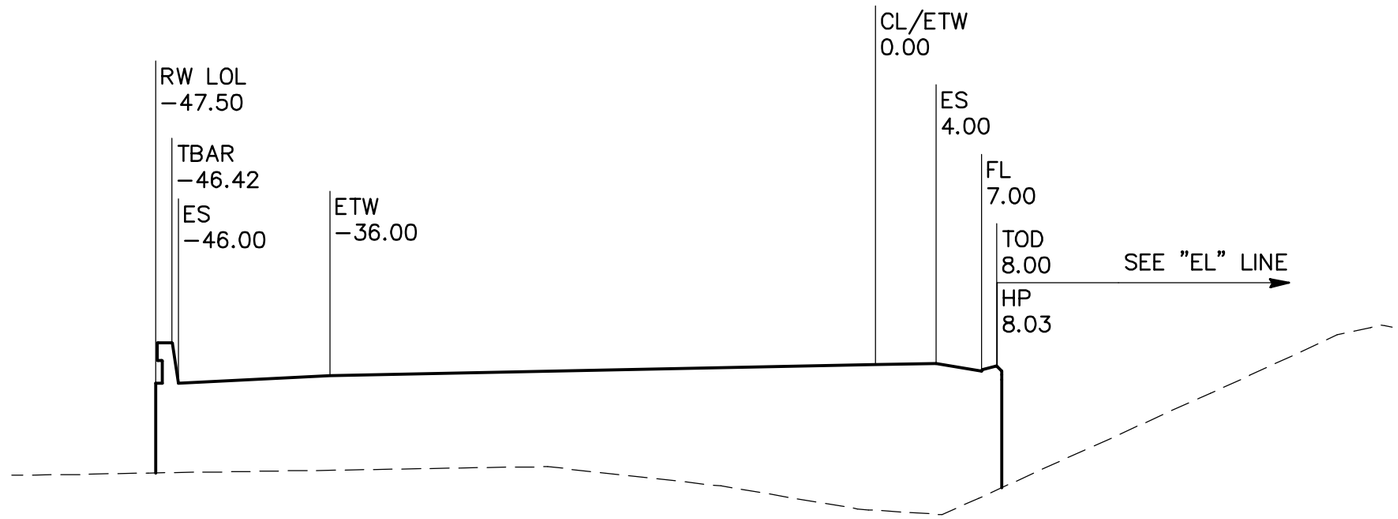
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"RWN" LINE
STATION 47+00.00

	RW LOL	TBAR	ES	ETW	CL/ETW	ES	FL	TOD	HP	SEE "E" LINE
Elev	(29.46)	39.48	36.81	37.31	38.03	38.11	37.61	37.91	37.89	
Dist	47.50	46.42	46.00	36.00	0.00	4.00	7.00	8.00	8.03	
X−Slope			−5.00%	−2.00%		2.00%	−16.67%			

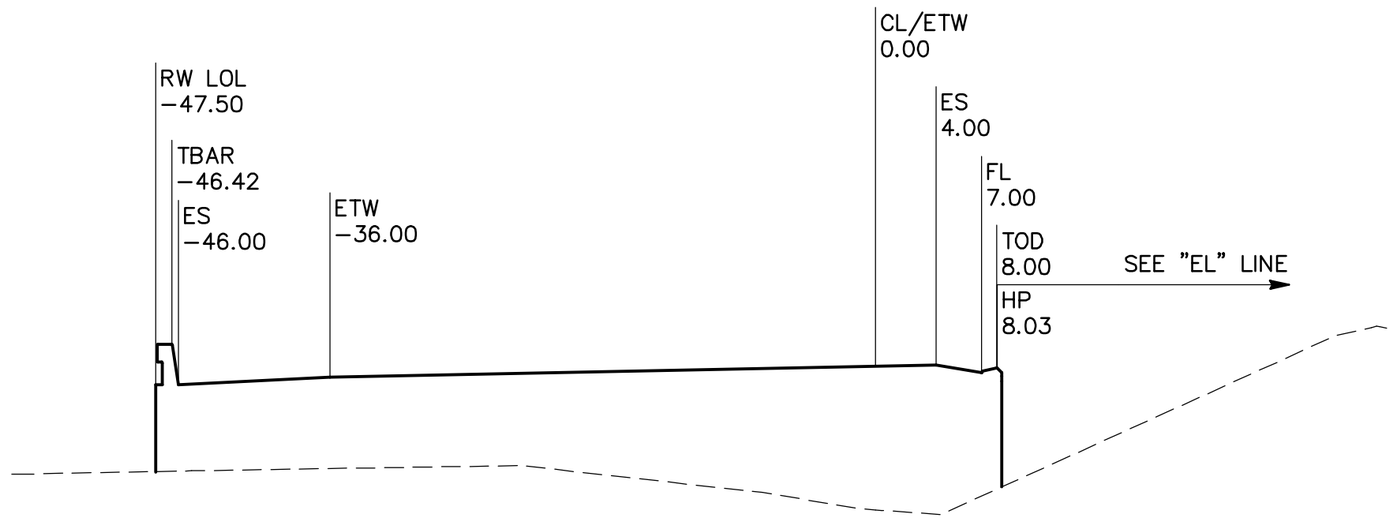
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"RWN" LINE
STATION 47+50.00

	RW LOL	TBAR	ES	ETW	CL/ETW	ES	FL	TOD	HP	SEE "EL" LINE
Elev	(29.72)	38.31	35.64	36.14	36.86	36.94	36.44	36.74	36.72	
Dist	47.50	46.42	46.00	36.00	0.00	4.00	7.00	8.00	8.03	
X−Slope			−5.00%	−2.00%		2.00%	−16.67%			

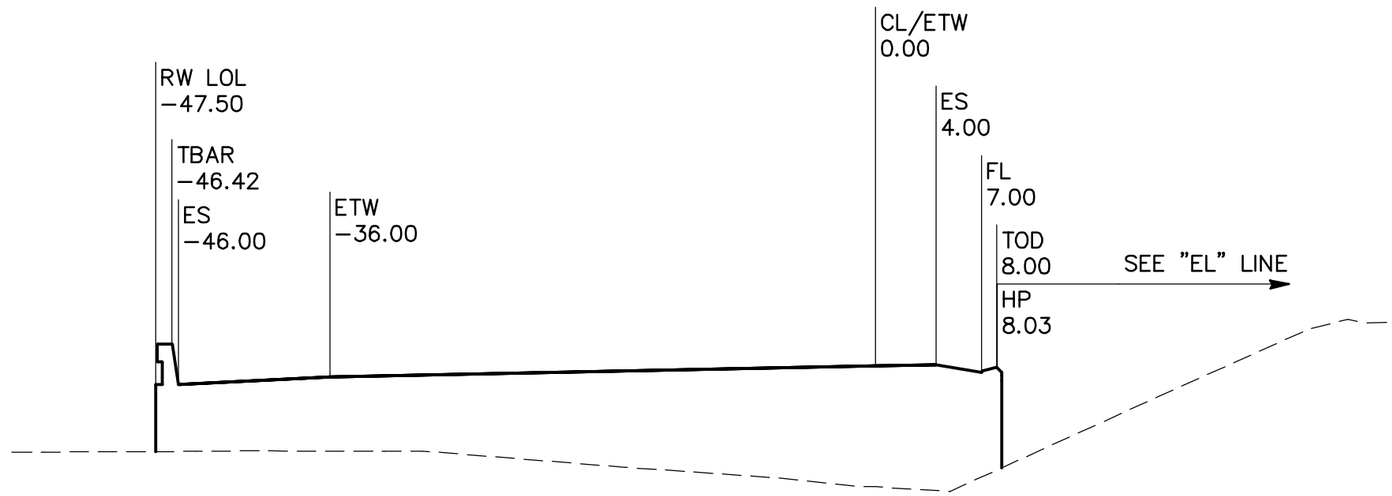
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"RWN" LINE
STATION 47+54.63

	RW LOL	TBAR	ES	ETW	CL/ETW	ES	FL	TOD	HP	SEE "EL" LINE
Elev	(29.82)	38.19	35.53	36.03	36.75	36.83	36.33	36.65	36.63	
Dist	47.50	46.42	46.00	36.00	0.00	4.00	7.00	8.00	8.03	
X−Slope			−5.00%	−2.00%		2.00%	−16.67%			

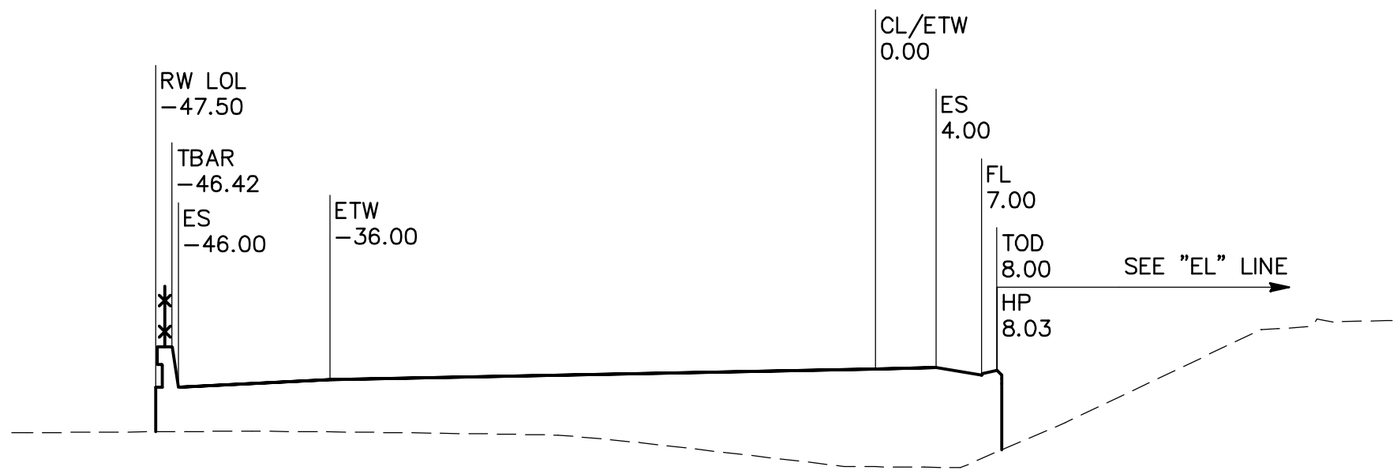
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"RWN" LINE
STATION 48+00.00

	RW LOL	TBAR	ES	ETW	CL/ETW	ES	FL	TOD	HP	SEE "EL" LINE
Elev	(29.96)	37.06	34.39	34.89	35.61	35.69	35.19	35.49	35.47	
Dist	47.50	46.42	46.00	36.00	0.00	4.00	7.00	8.00	8.03	
X−Slope			−5.00%	−2.00%		2.00%	−16.67%			

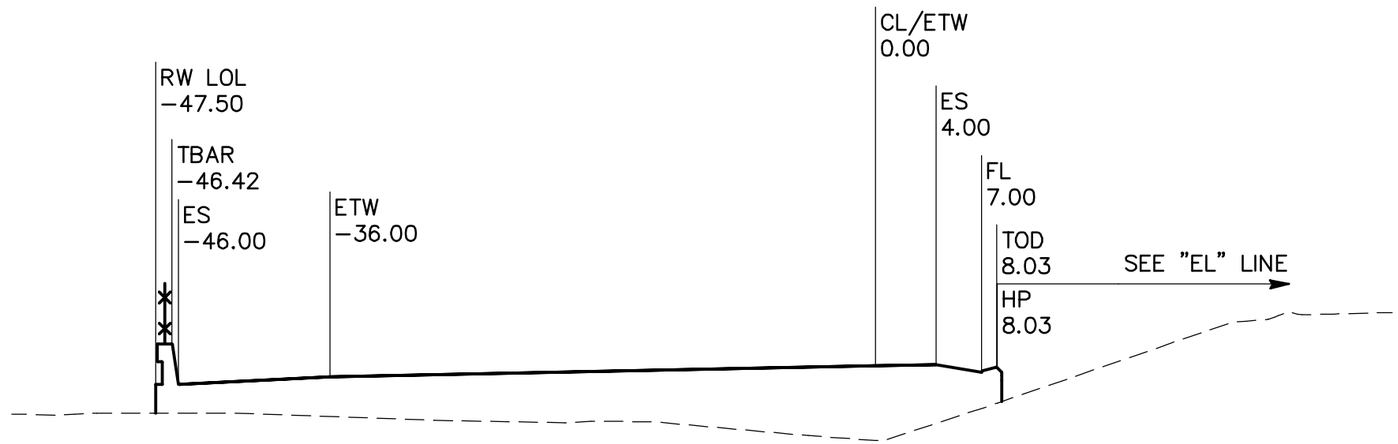
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"RWN" LINE
STATION 48+50.00

	RW LOL	TBAR	ES	ETW	CL/ETW	ES	FL	TOD	HP	SEE "EL" LINE
Elev	(30.21)	35.81	33.14	33.64	34.36	34.44	33.94	34.26	34.24	
Dist	47.50	46.42	46.00	36.00	0.00	4.00	7.00	8.00	8.03	
X−Slope			−5.00%	−2.00%		2.00%	−16.67%			

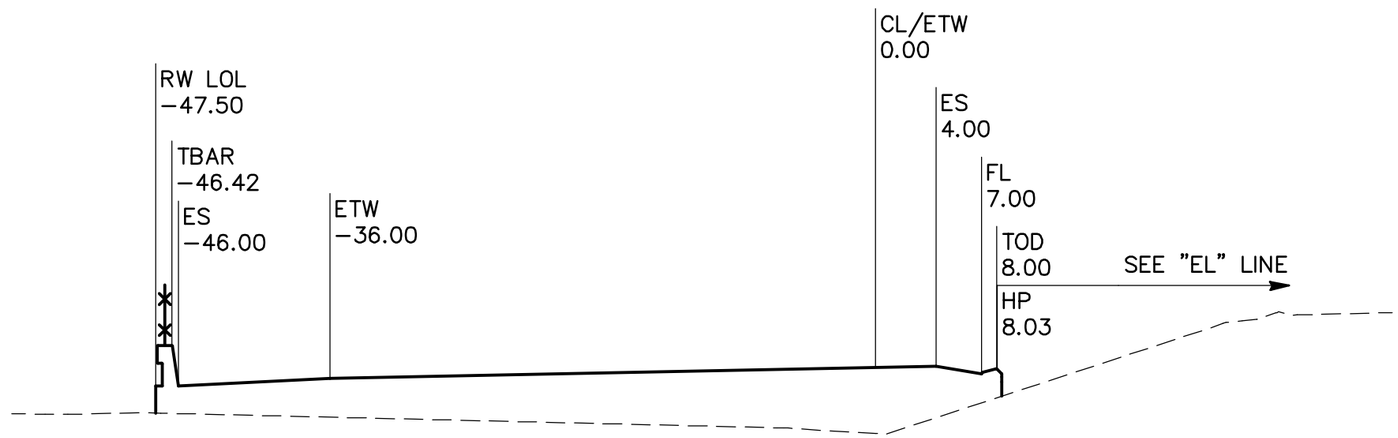
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"RWN" LINE
STATION 49+00.00

	RW LOL	TBAR	ES	ETW	CL/ETW	ES	FL	TOD	HP	SEE "EL" LINE
Elev	(30.00)	34.56	31.89	32.39	33.11	33.19	32.69	32.99	32.97	
Dist	47.50	46.42	46.00	36.00	0.00	4.00	7.00	8.00	8.03	
X−Slope			−5.00%	−2.00%		2.00%	−16.67%			

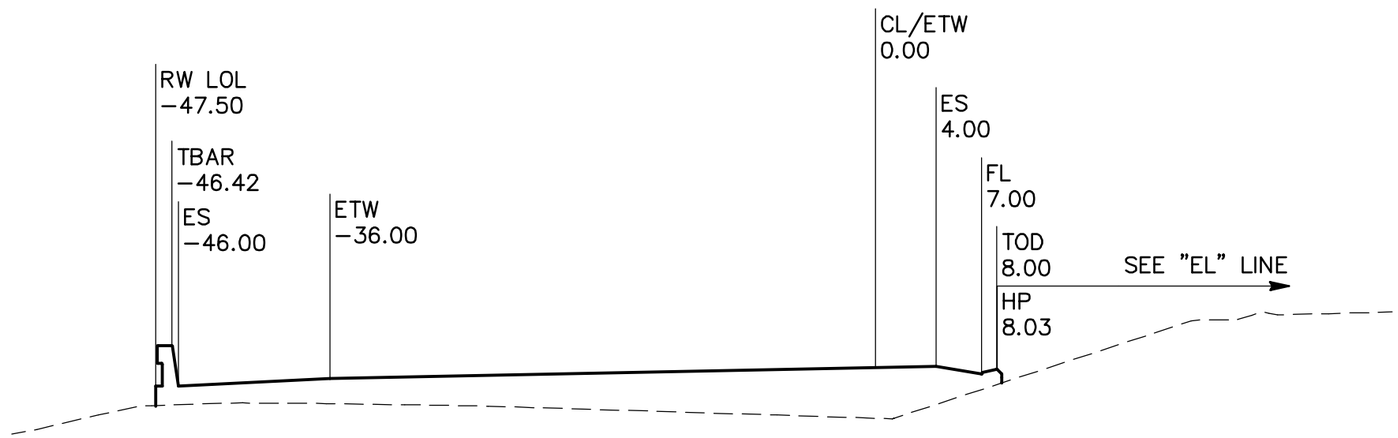
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"RWN" LINE
STATION 49+14.62

	RW LOL	TBAR	ES	ETW	CL/ETW	ES	FL	TOD	HP	SEE "EL" LINE
Elev	(29.73)	34.20	31.53	32.03	32.75	32.83	32.33	32.65	32.63	
Dist	47.50	46.42	46.00	36.00	0.00	4.00	7.00	8.00	8.03	
X−Slope			−5.00%	−2.00%		2.00%	−16.67%			

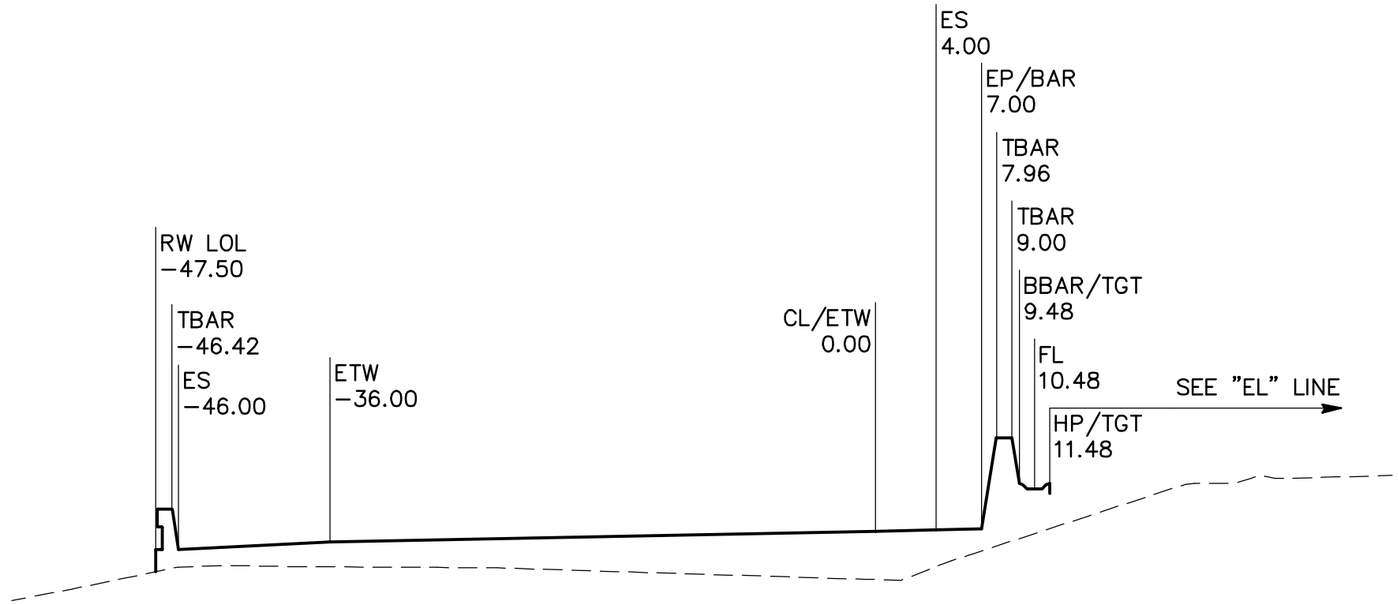
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"RWN" LINE
STATION 49+45.00

	RW LOL	TBAR	ES	ETW	CL/ETW	ES	FL	TOD	HP	SEE "EL" LINE
Elev	(29.57)	33.52	30.85	31.35	32.07	32.15	31.65	31.97	31.95	
Dist	47.50	46.42	46.00	36.00	0.00	4.00	7.00	8.00	8.03	
X−Slope			−5.00%	−2.00%		2.00%	−16.67%			

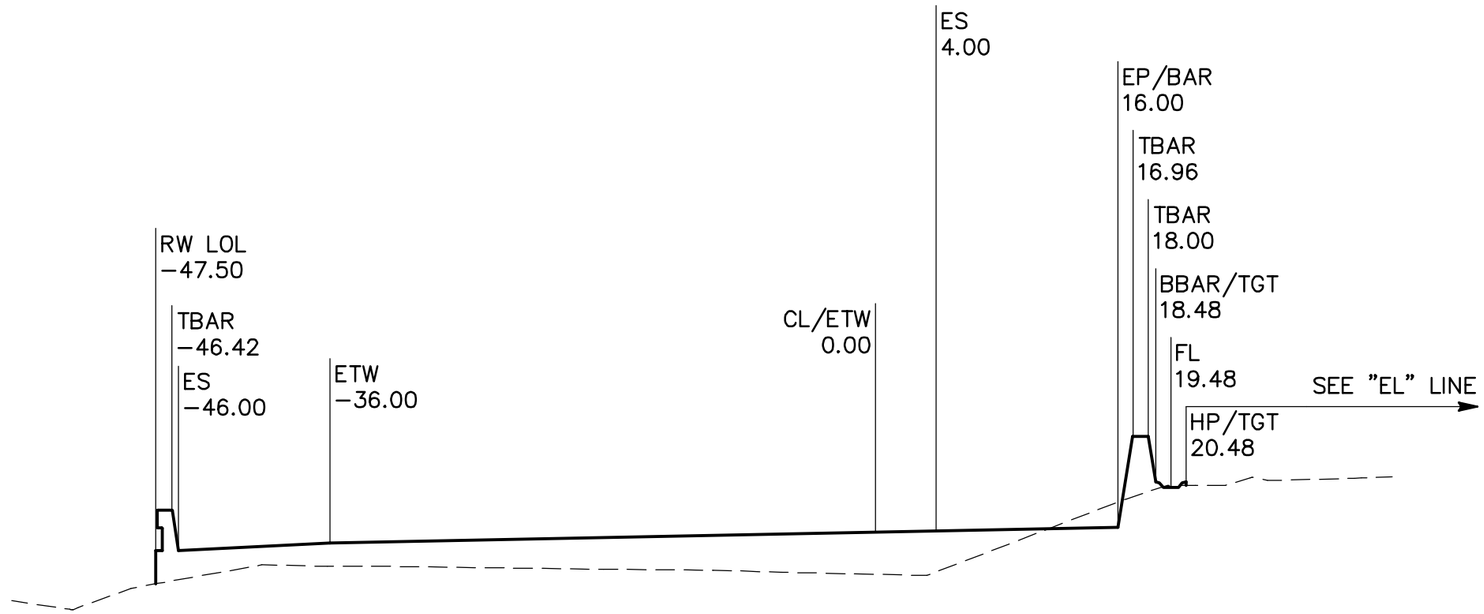
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"RWN" LINE
STATION 49+50.00

	RW LOL	TBAR	ES	ETW	CL/ETW	ES	EP/BAR	TBAR	TBAR	BBAR/TGT	FL	HP/TGT	SEE "EL" LINE
Elev	(29.29)	33.42	30.75	31.25	31.97	32.05	32.11	38.11	38.11	35.11	34.75	35.11	
Dist	47.50	46.42	46.00	36.00	0.00	4.00	7.00	7.96	9.00	9.48	10.48	11.48	
X−Slope			−5.00%	−2.00%		2.00%	2.00%						

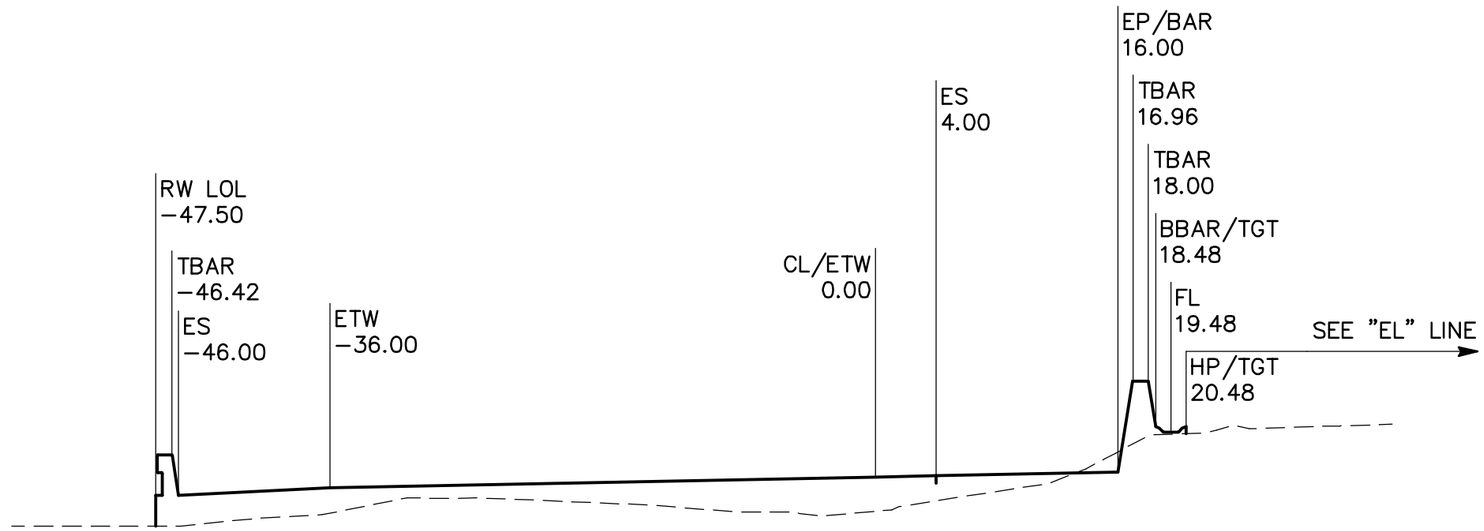
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"RWN" LINE
STATION 49+65.00

	RW LOL	TBAR	ES	ETW	CL/ETW	ES	EP/BAR	TBAR	TBAR	BBAR/TGT	FL	HP/TGT	SEE "EL" LINE
Elev	(28.30)	33.15	30.48	30.98	31.70	31.78	32.02	38.02	38.02	35.02	34.66	35.02	
Dist	47.50	46.42	46.00	36.00	0.00	4.00	16.00	16.96	18.00	18.48	19.48	20.48	
X−Slope			−5.00%	−2.00%		2.00%	2.00%						

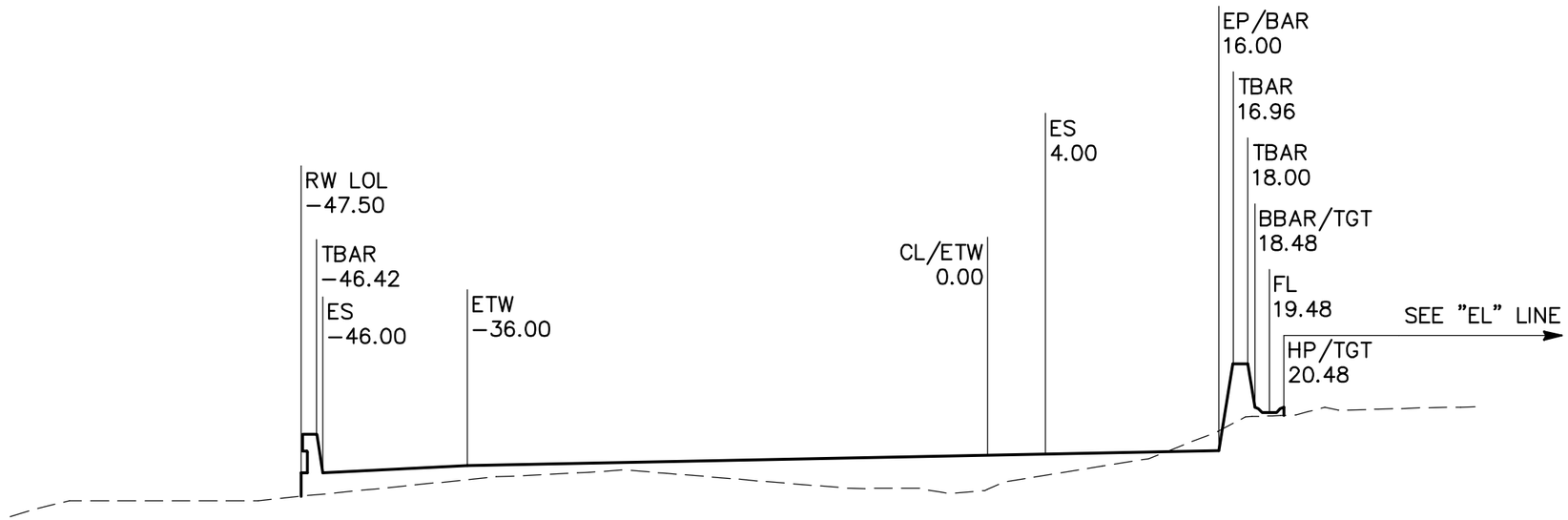
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"RWN" LINE
STATION 50+00.00

	RW LOL	TBAR	ES	ETW	CL/ETW	ES	EP/BAR	TBAR	TBAR	BBAR/TGT	FL	HP/TGT	SEE "EL" LINE
Elev	(28.00)	32.68	30.01	30.51	31.23	31.31	31.55	37.55	37.55	34.55	34.19	34.55	
Dist	47.50	46.42	46.00	36.00	0.00	4.00	16.00	16.96	18.00	18.48	19.48	20.48	
X−Slope			−5.00%	−2.00%		2.00%	2.00%						

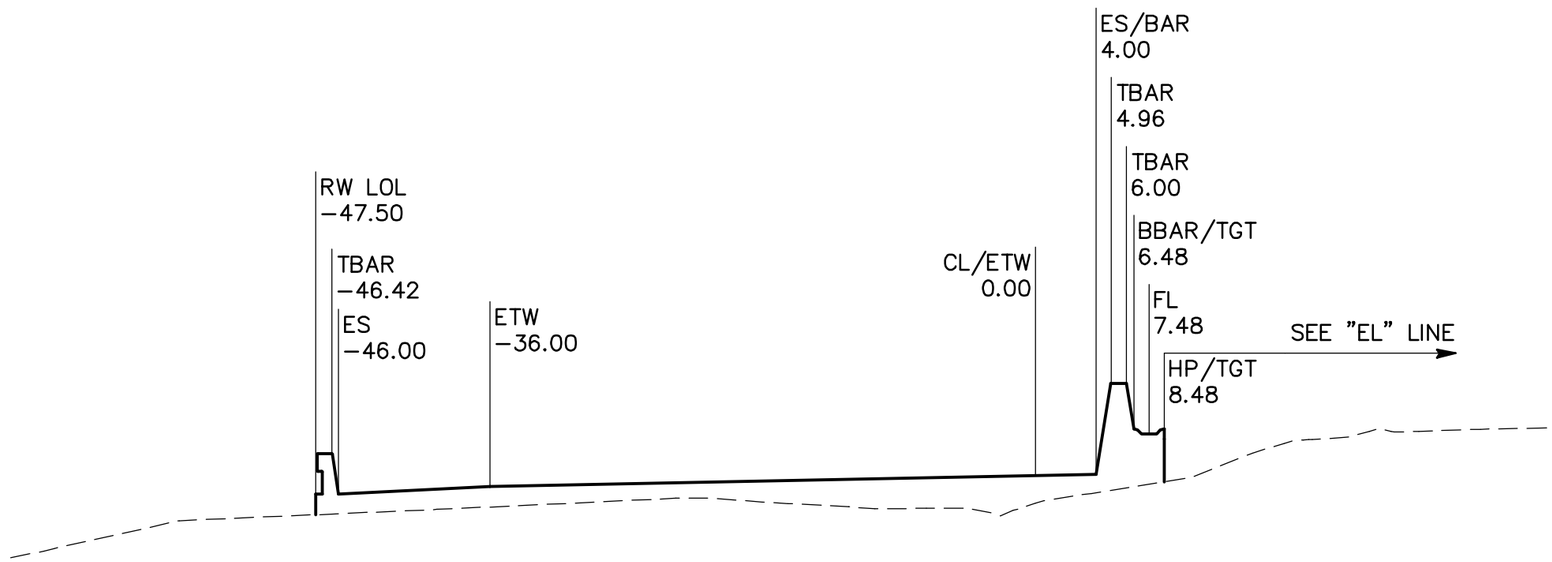
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"RWN" LINE
STATION 50+10.00

	RW LOL	TBAR	ES	ETW	CL/ETW	ES	EP/BAR	TBAR	TBAR	BBAR/TGT	FL	HP/TGT	SEE "EL" LINE
Elev	(28.30)	32.58	29.91	30.41	31.13	31.21	31.45	37.45	37.45	34.45	34.09	34.45	
Dist	47.50	46.42	46.00	36.00	0.00	4.00	16.00	16.96	18.00	18.48	19.48	20.48	
X−Slope			−5.00%	−2.00%		2.00%	2.00%						

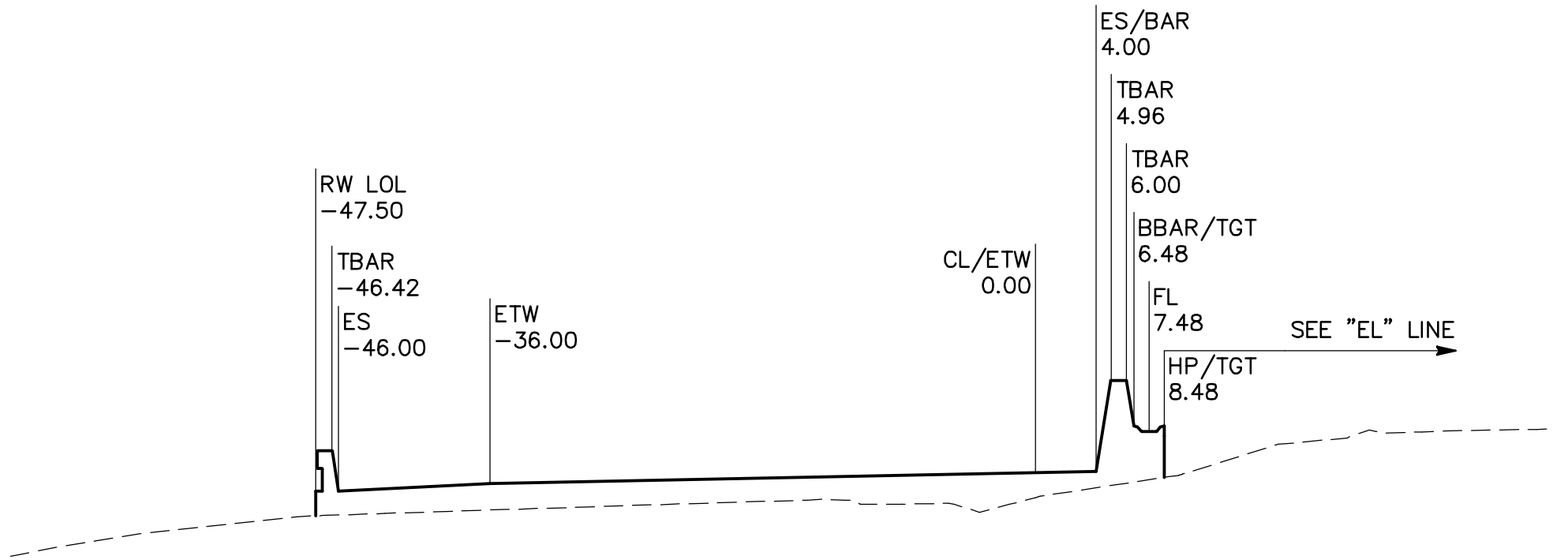
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"RWN" LINE
STATION 50+30.00

	RW LOL	TBAR	ES	ETW	CL/ETW	ES/BAR	TBAR	TBAR	BBAR/TGT	FL	HP/TGT	SEE "EL" LINE
Elev	(28.39)	32.44	29.77	30.27	30.99	31.07	37.07	37.07	34.07	33.71	34.07	
Dist	47.50	46.42	46.00	36.00	0.00	4.00	4.96	6.00	6.48	7.48	8.48	
X−Slope			−5.00%	−2.00%		2.00%						

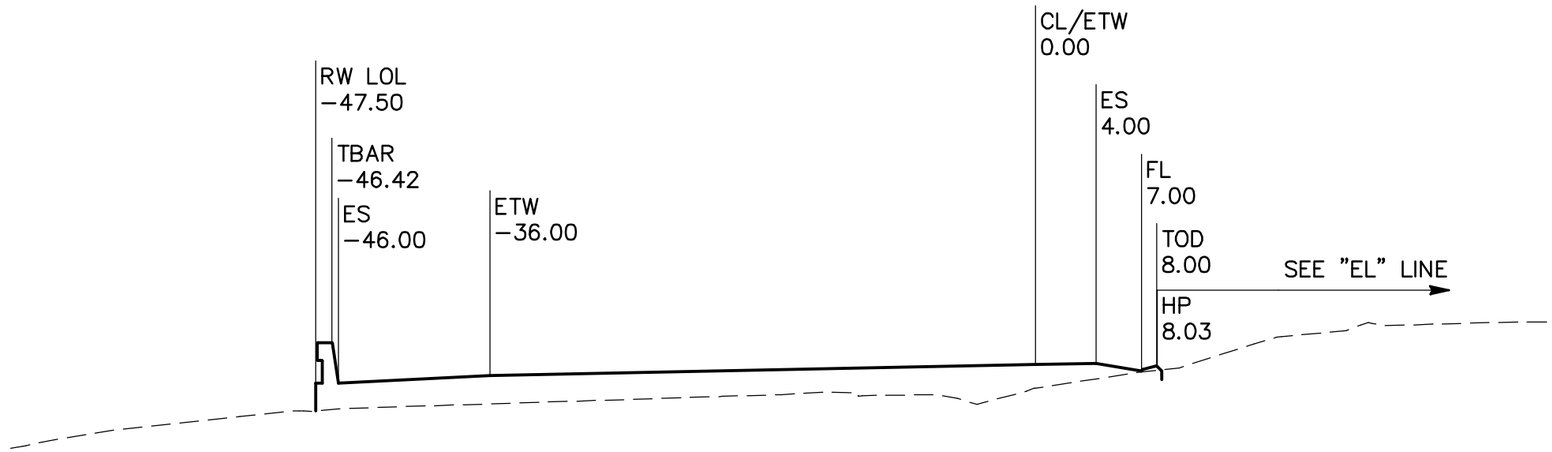
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"RWN" LINE
STATION 50+47.75

	RW LOL	TBAR	ES	ETW	CL/ETW	ES/BAR	TBAR	TBAR	BBAR/TGT	FL	HP/TGT	SEE "EL" LINE
Elev	(28.06)	32.36	29.69	30.19	30.91	30.99	36.99	36.99	33.99	33.63	33.99	
Dist	47.50	46.42	46.00	36.00	0.00	4.00	4.96	6.00	6.48	7.48	8.48	
X−Slope			−5.00%	−2.00%		2.00%						

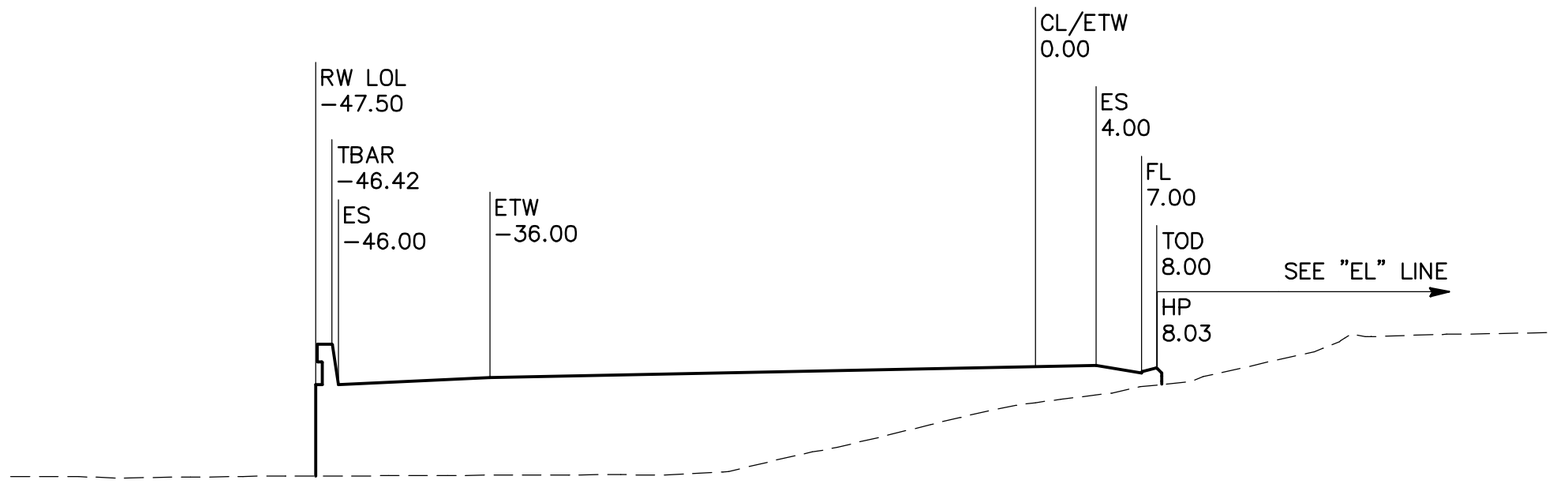
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"RWN" LINE
STATION 50+50.00

	RW LOL	TBAR	ES	ETW	CL/ETW	ES	ES	TOD	HP	SEE "EL" LINE
Elev	(25.69)	32.36	29.69	30.19	30.91	30.99	30.49	30.82	30.79	
Dist	47.50	46.42	46.00	36.00	0.00	4.00	7.00	8.00	8.03	
X−Slope			−5.00%	−2.00%		2.00%	−16.67%			

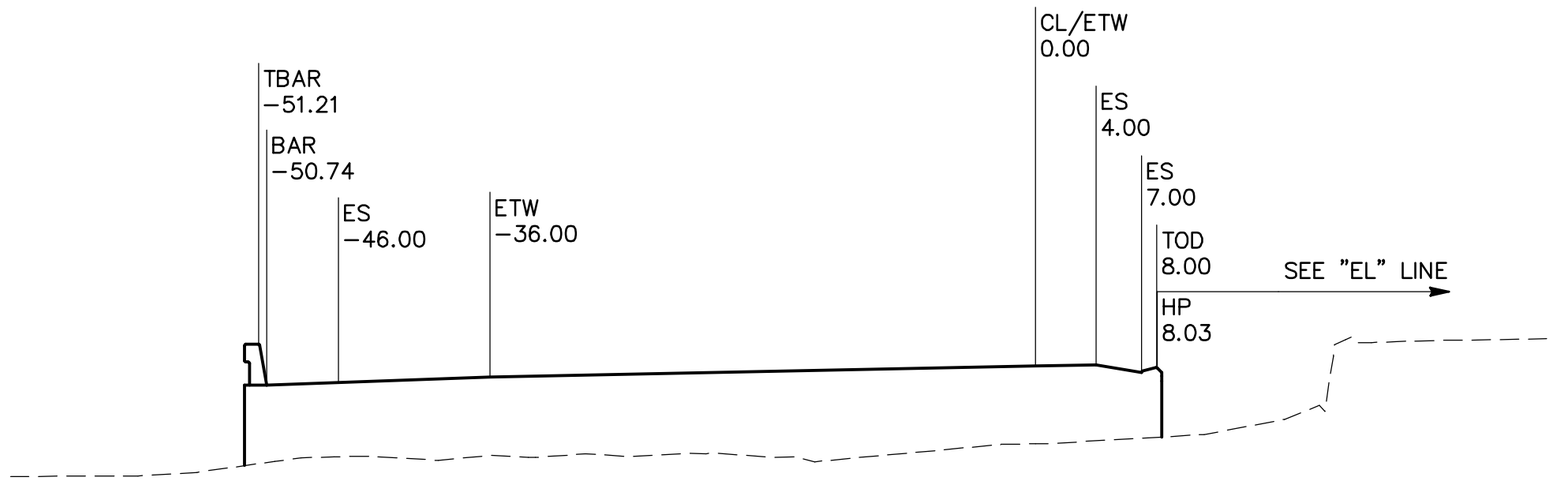
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"RWN" LINE
STATION 50+81.72

	RW LOL	TBAR	ES	ETW	CL/ETW	ES	FL	TOD	HP	SEE "EL" LINE
Elev	(23.70)	32.41	29.74	30.20	30.92	31.00	30.50	30.82	30.80	
Dist	47.50	46.42	46.00	36.00	0.00	4.00	7.00	8.00	8.03	
X−Slope			−4.60%	−2.00%		2.00%	−16.67%			

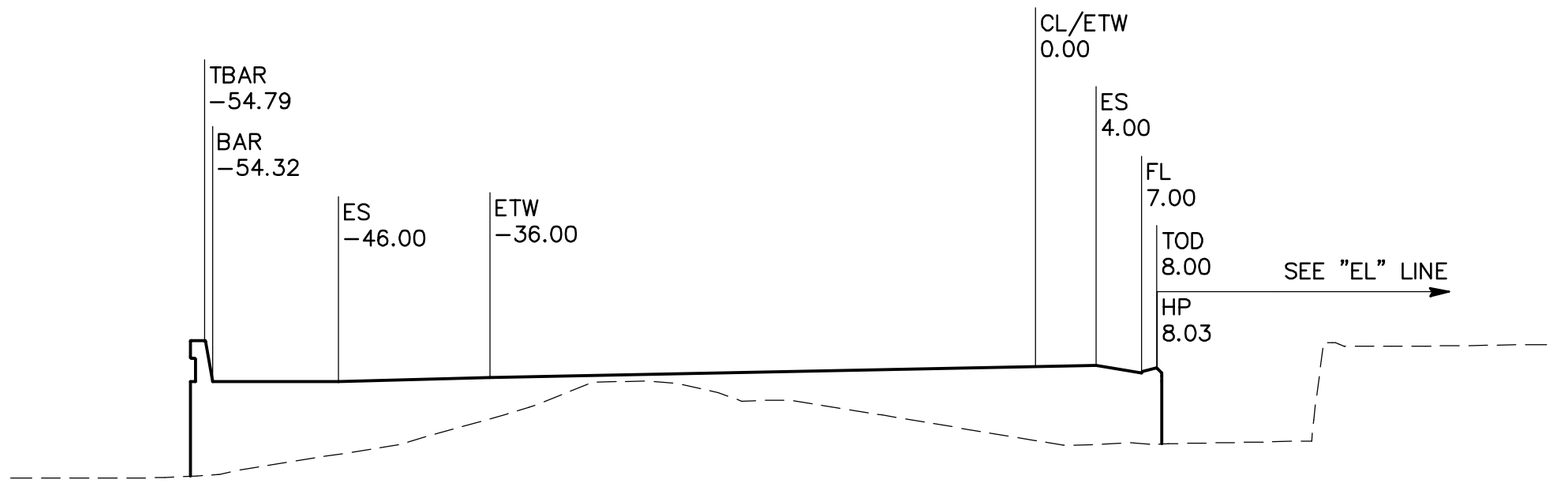
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"RWN" LINE
STATION 51+00.00

	TBAR	BAR	ES	ETW	CL/ETW	ES	ES	TOD	HP	SEE "EL" LINE
Elev	30.45	29.76	29.93	30.29	31.01	31.09	30.59	30.91	30.89	
Dist	51.21	50.74	46.00	36.00	0.00	4.00	7.00	8.00	8.03	
X−Slope		−3.59%	−3.60%	−2.00%		2.00%	−16.67%			

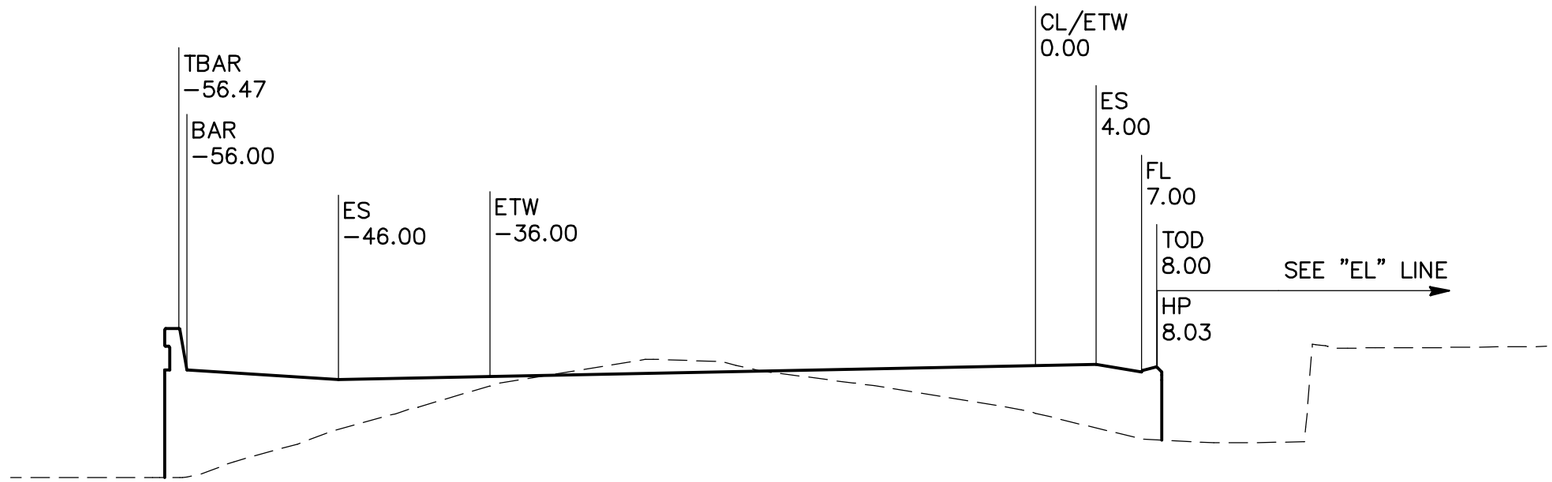
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"RWN" LINE
STATION 51+14.62

	TBAR	BAR	ES	ETW	CL/ETW	ES	FL	TOD	HP	SEE "EL" LINE
Elev	32.83	30.12	30.13	30.40	31.12	31.20	30.70	31.02	31.00	
Dist	54.79	54.32	46.00	36.00	0.00	4.00	7.00	8.00	8.03	
X−Slope		−0.12%	−2.70%	−2.00%		2.00%	−16.67%			

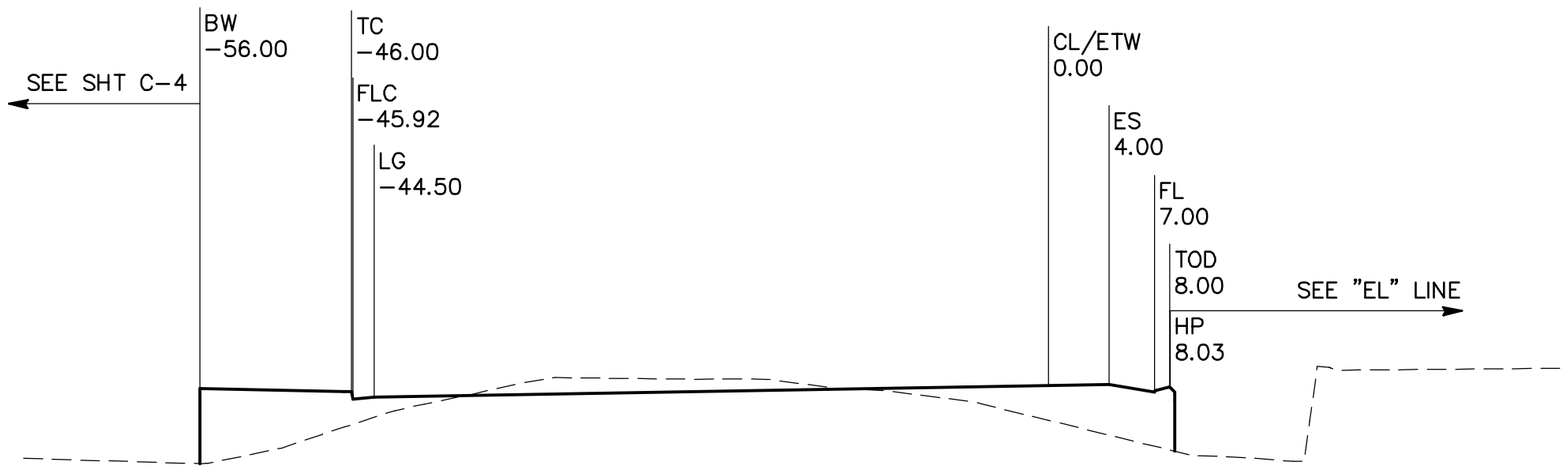
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"RWN" LINE
STATION 51+22.66

	TBAR	BAR	ES	ETW	CL/ETW	ES	FL	TOD	HP	SEE "EL" LINE
Elev	33.61	30.90	30.25	30.47	31.19	31.27	30.77	31.09	31.07	
Dist	56.47	56.00	46.00	36.00	0.00	4.00	7.00	8.00	8.03	
X−Slope		6.50%	−2.20%	−2.00%		2.00%	−16.67%			

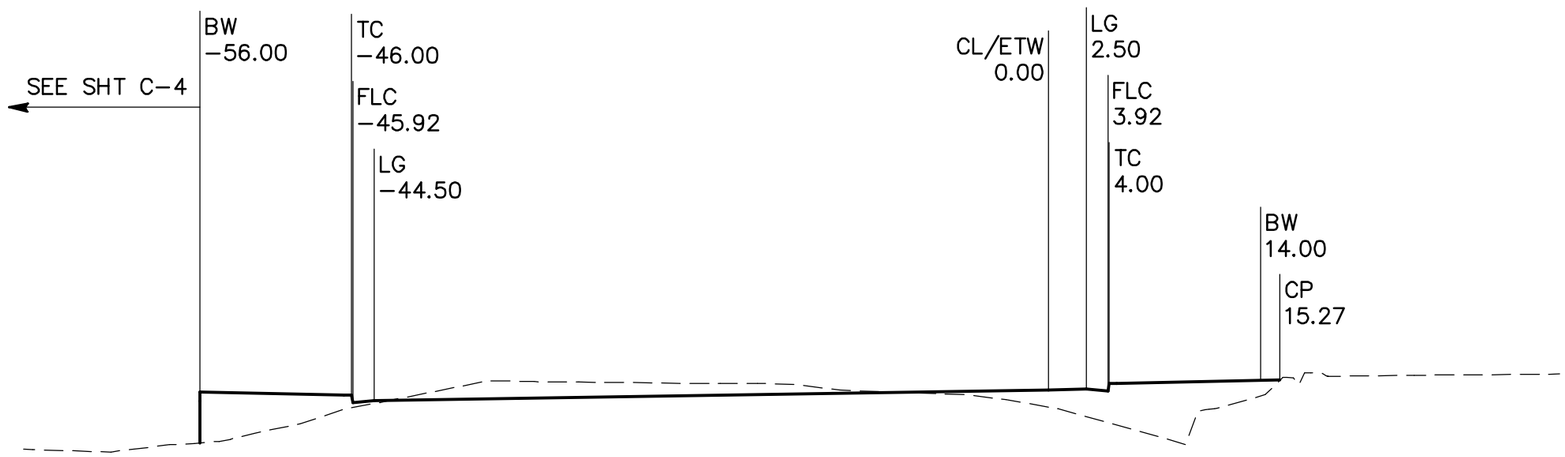
FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"RWN" LINE
STATION 51+27.75

	SEE SHT C−4	BW	TC	FLC	LG	CL	ES	FL	TOD	HP	SEE "EL" LINE
Elev		31.02	30.83	30.33	30.46	31.23	31.30	30.80	31.12	31.10	
Dist		56.00	46.00	45.92	44.50	0.00	4.00	7.00	8.00	8.03	
X−Slope		1.90%			−1.73%		1.75%	−16.67%			

FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1



"RWN" LINE
STATION 51+31.51

	SEE SHT C−4	BW	TC	FLC	LG	CL	LG	FLC	TC	BW	CP
Elev		31.11	30.92	30.42	30.55	31.27	31.33	31.20	31.70	31.89	31.91
Dist		56.00	46.00	45.92	44.50	0.00	2.50	3.92	4.00	14.00	15.27
X−Slope		1.90%			−1.62%		2.40%			1.90%	1.57%

FOR LEGEND AND ABBREVIATIONS, SEE SHEET 1