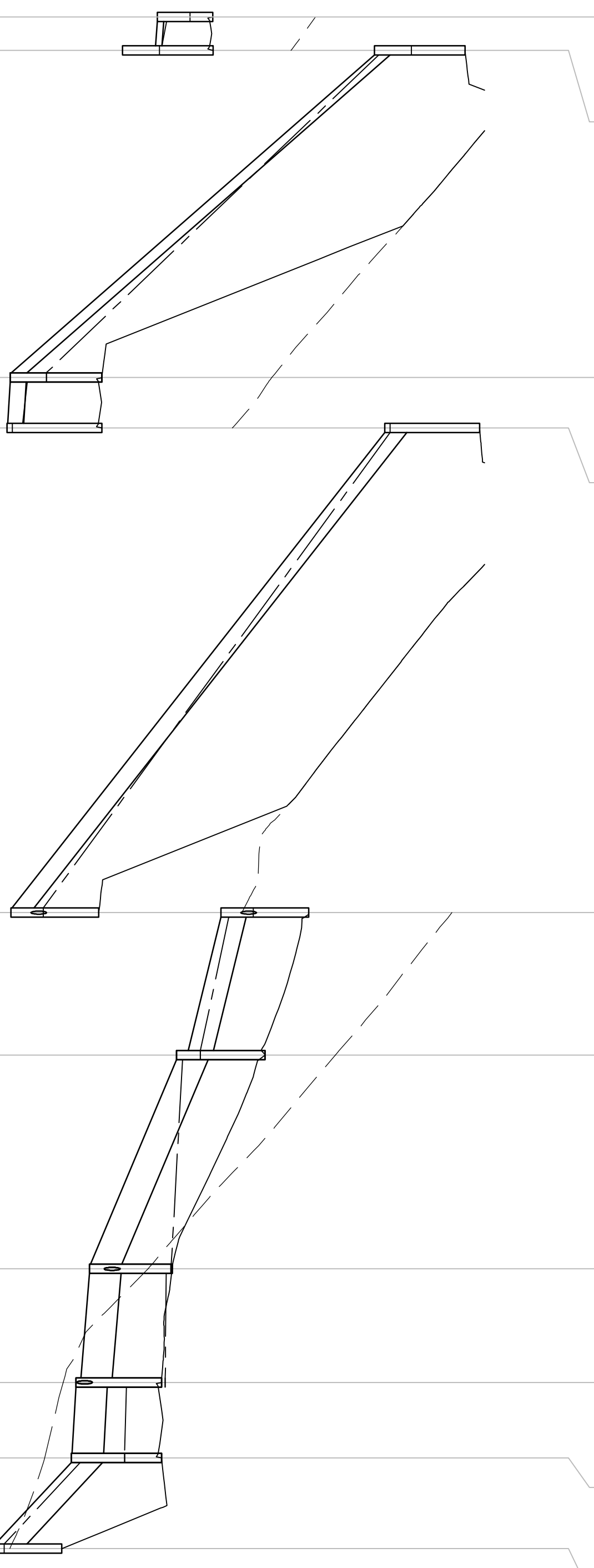
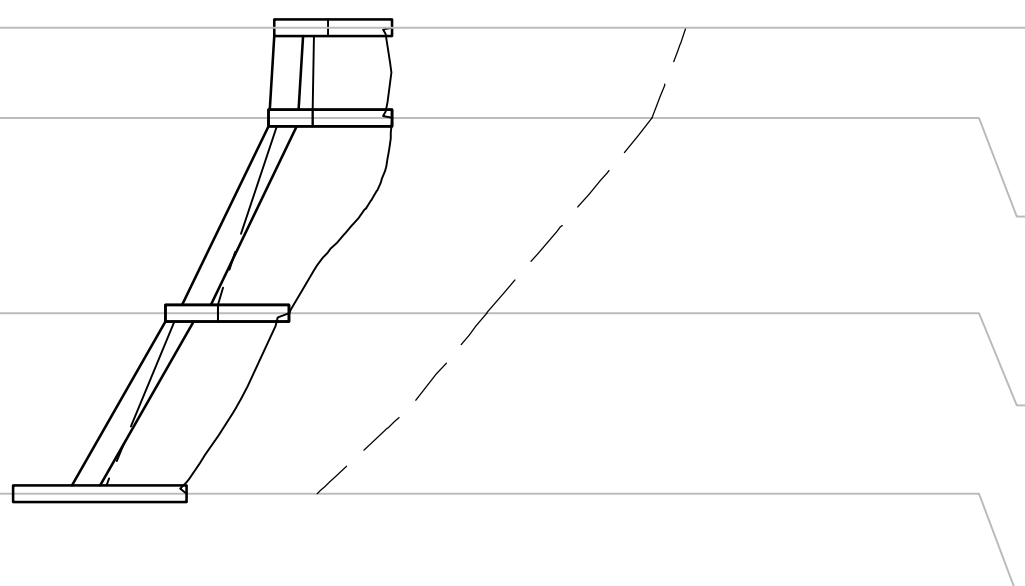
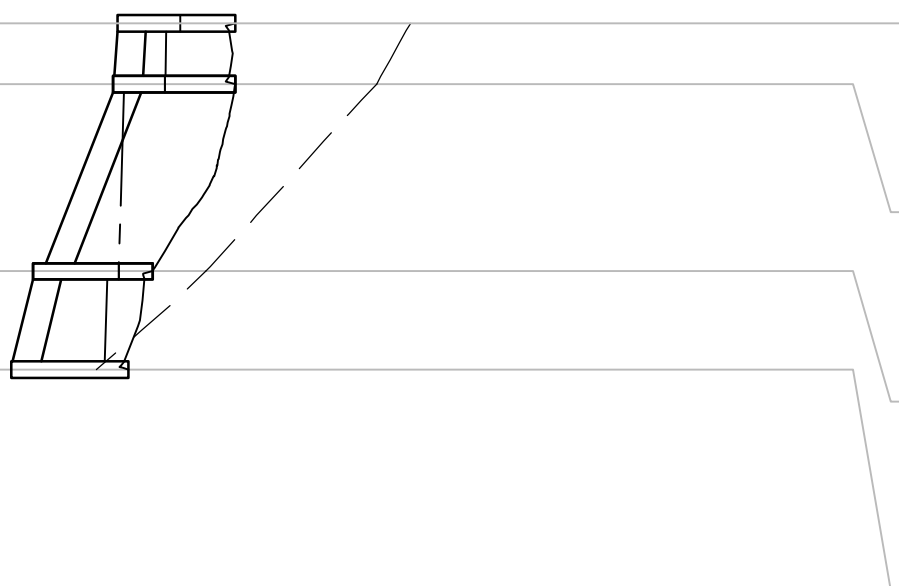
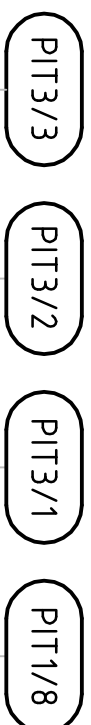
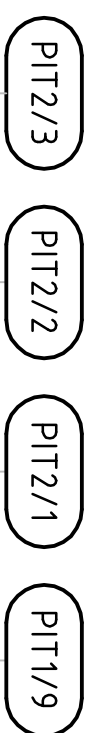
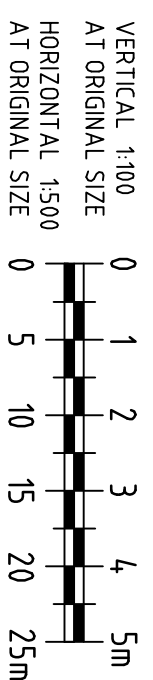
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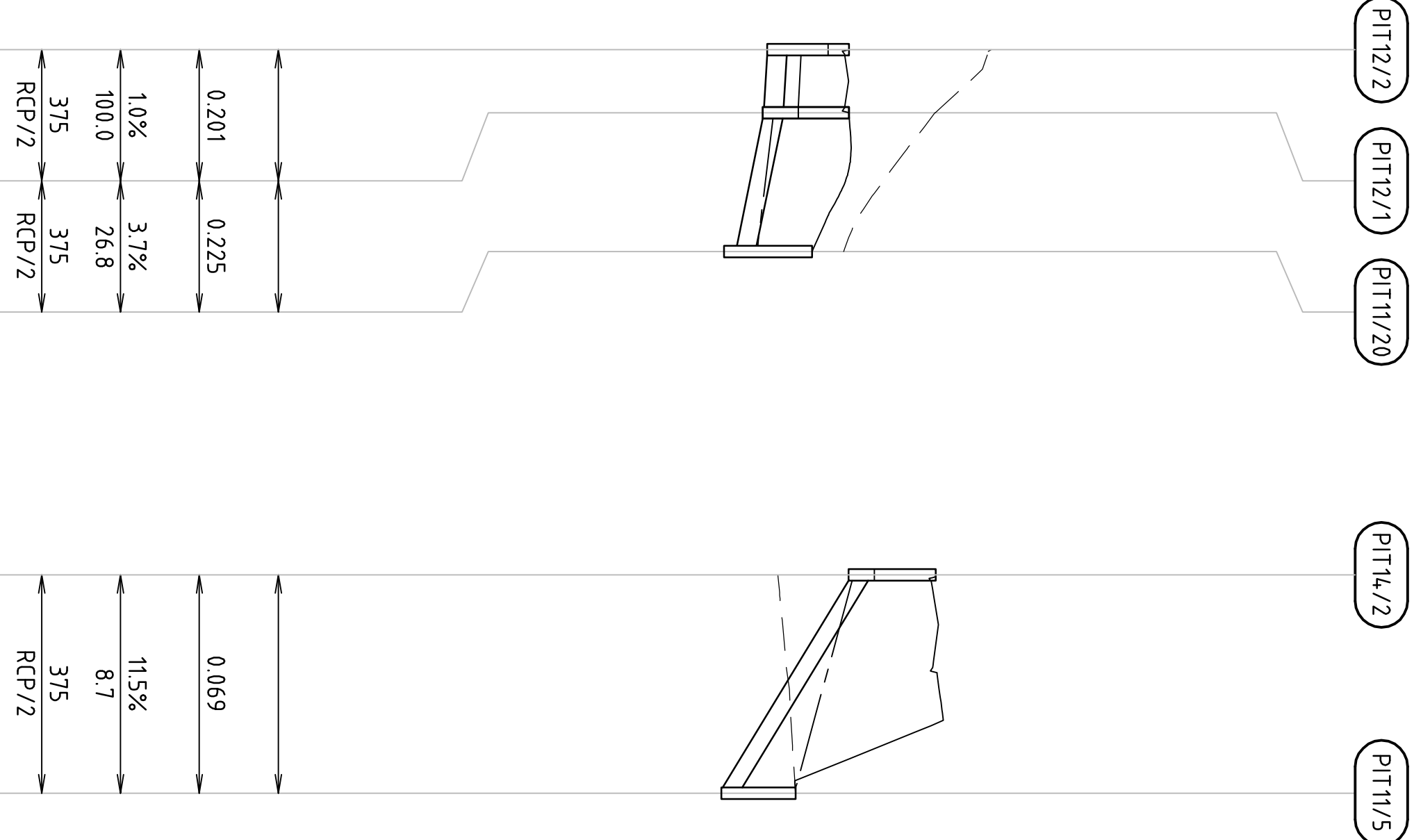
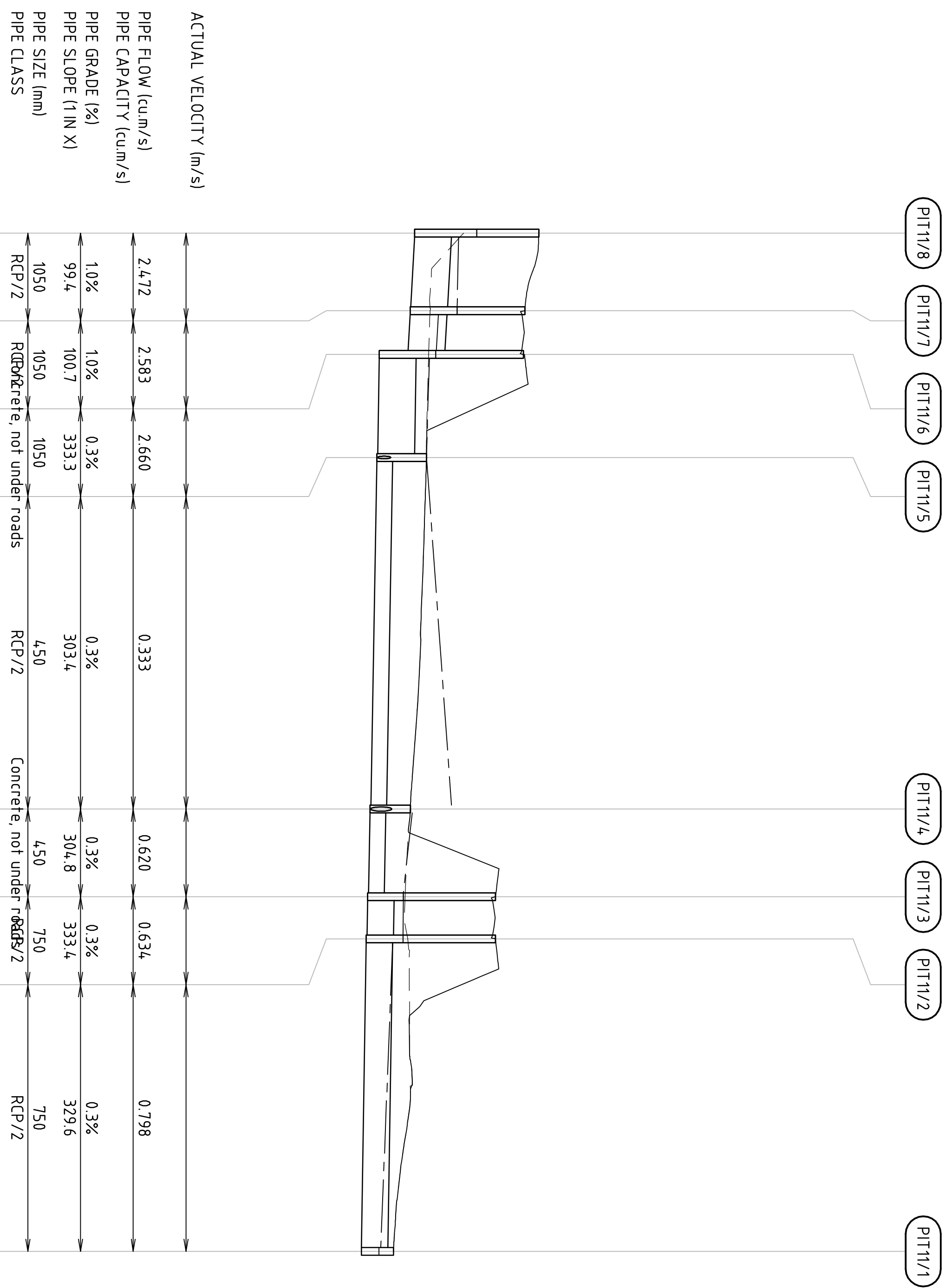
DATUM R.L.		24.00
HYDRAULIC GRADE LINE	40.600	40.412
		40.404 40.400
DEPTH TO INVERT FROM DESIGN SURFACE	1.557	39.855
		39.793 39.790
		39.638
INVERT LEVEL	39.774	39.602
	39.734	
	39.714	
	38.827	
	38.655	
	38.388	
DESIGN SURFACE LEVEL	41.331	1.551
	41.331	
	40.240	
EXISTING SURFACE LEVEL	43.647	38.519
	43.199	
	40.942	
CHAINAGE	0.000	
	4.000	
	4.000	
	12.397	
	16.397	
	22.889	

					34.890	
0.000	39.626	35.739	34.182	1.557	34.700	18.00
5.998						
			34.122	1.616	34.688	
					34.690	
5.998	39.171	35.738	34.102	1.636	34.212	
12.902						
			32.963	1.415	33.430	
18.900	36.987	34.378	32.736	1.642	32.861	
11.940						
			31.501	1.518	31.960	
30.840	34.746	33.019	30.729	2.290	30.983	

0.000	48.471	46.023	44.704	1.319	44.928	29.00
4.000			44.664	1.372	44.814 44.760	23.00
38.949	47.890	46.036	43.876	2.160	43.975	
			35.224	2.158	36.057 36.060	
42.950	41.433	37.382	35.204	2.178	35.605	
6.001			35.144	2.241	35.495	
48.950	40.489	37.385	35.124	2.261	35.250	16.00
			26.240	2.071	26.986 26.990	
106.662	31.722	28.311	26.220	2.091	26.407	9.00
16.952			25.440	1.826	25.733 25.730	
123.614	28.944	27.266	25.162	2.104	25.310	
			23.110	1.948	25.035 25.030	
149.075	24.482	25.058	23.090	1.968	24.913	
13.518			22.882	1.925	24.895 24.890	
162.594	22.461	24.807	22.765	2.042	23.972	
8.999			22.675	2.133	23.926 23.930	
171.592	22.020	24.808	22.655	2.153	22.869	
			20.845	1.582	21.059 21.060	
182.400	21.189	22.427	20.845	1.582	21.059	

					26.990	
0.000	31.321	28.301	26.754	1.547	26.986	11.00
6.068			26.693	1.618	26.986	
6.068	31.722	28.311	26.220	2.091	26.407	

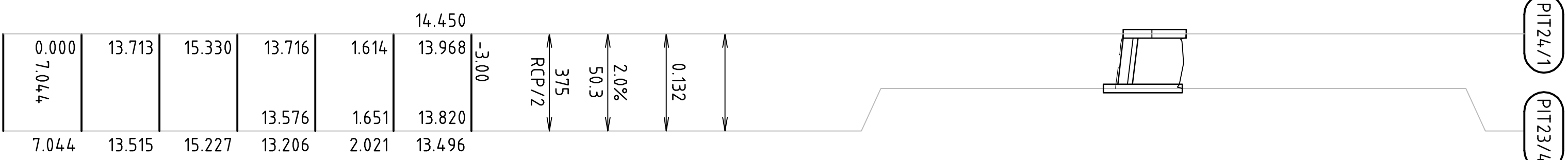
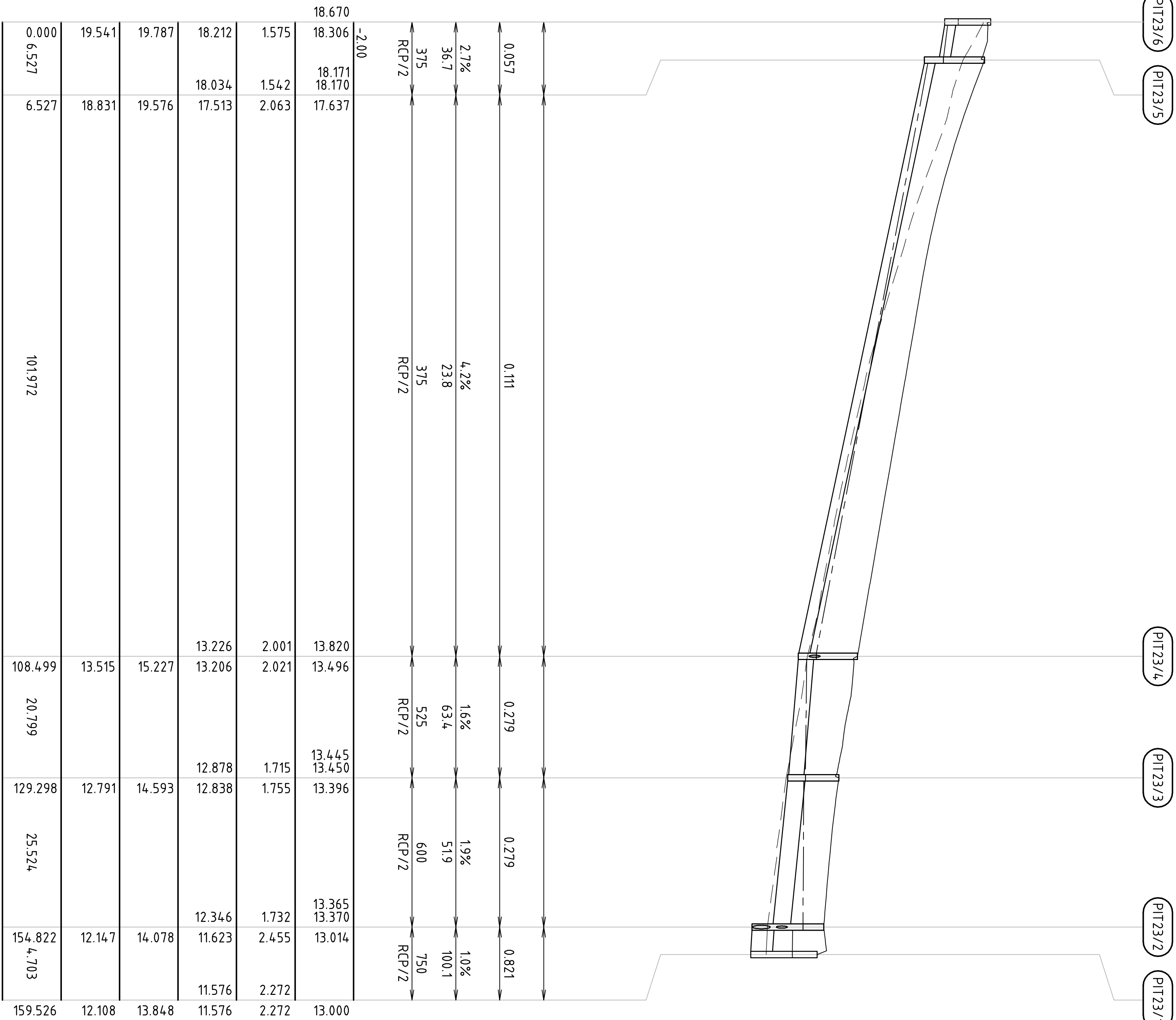
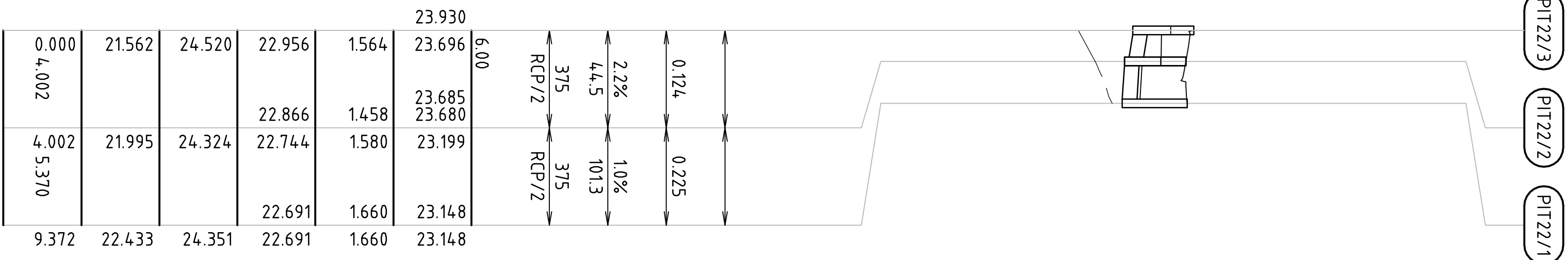
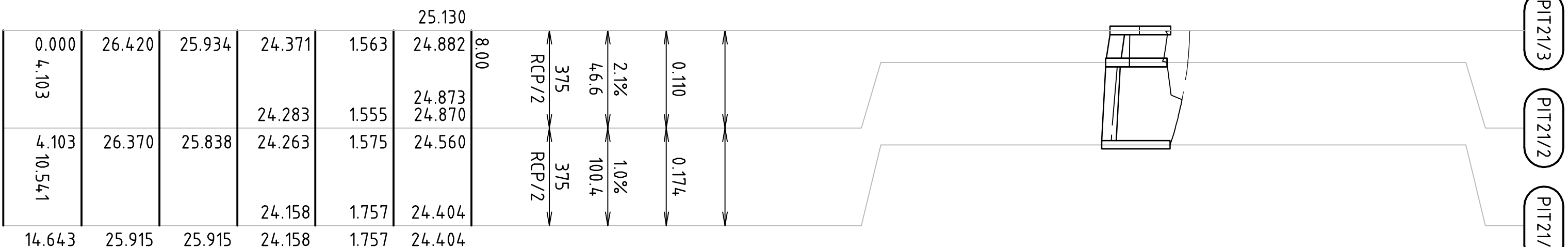
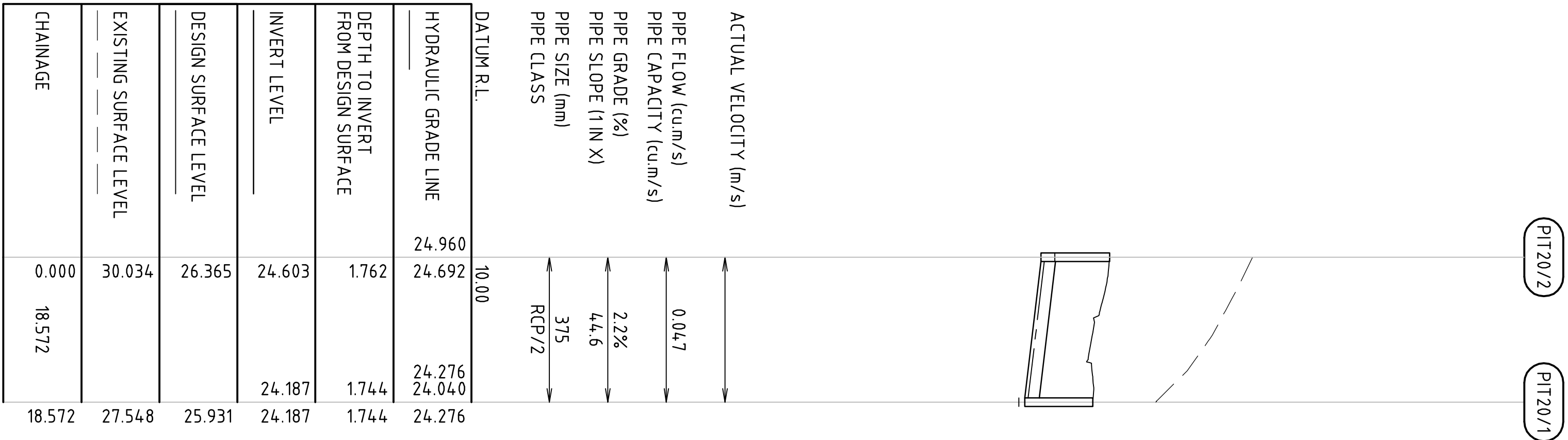




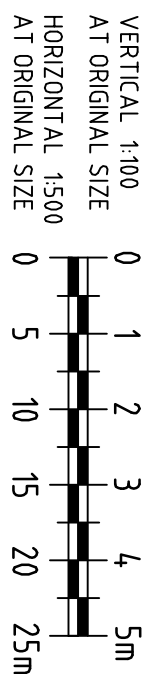
DATUM R.L.		HYDRAULIC GRADE LINE		DEPTH TO INVERT FROM DESIGN SURFACE		INVERT LEVEL		DESIGN SURFACE LEVEL		EXISTING SURFACE LEVEL		CHAINAGE	
		19.775 19.780		3.512		18.036		21.548		19.410		327.116 11+036	
		19.224 19.220		3.248		17.905		21.153		18.456		338.152 6+245	
		18.627 18.610		3.292		17.823		21.115		18.415		344.397 14+665	
		18.351 18.350		1.391		16.960		18.351		18.351		359.063 50+063	
		18.362		1.416		16.935							
		19.065		1.121		16.770							
		17.947		1.150		16.741		17.891		17.891		409.126 12+495	
		17.691 17.690		3.619		16.700		20.319		17.745		421.621 6+001	
		17.681 17.680		3.659		16.660		20.319		17.817		427.622 44+502	
		17.386		3.684		16.635							
		17.051 17.000		0.908		16.500							
		17.051		0.908		16.500		17.408		17.409		472.124	

0.000 5.999	51.069	48.363	46.806	1.557	47.970	31.00
					47.448	
					47.401 47.400	
5.999 13.249	50.004	48.363	46.726	1.637	46.915	
19.249	48.259	47.660	45.983	1.677	46.626	
20.772	18.006	21.016	19.356	1.660	19.850	2.00
					19.426	
20.772	18.351	18.351	16.960	1.391	18.351	
20.772	18.351	18.351	16.935	1.416	18.362	

[illegible]



No Revision	Note: * indicates signatures on original issue of drawing or last revision of drawing	Drawn	Checked	Approved	Date
A	PRELIMINARY ISSUE	DJC	WC*	PP*	22-12-08

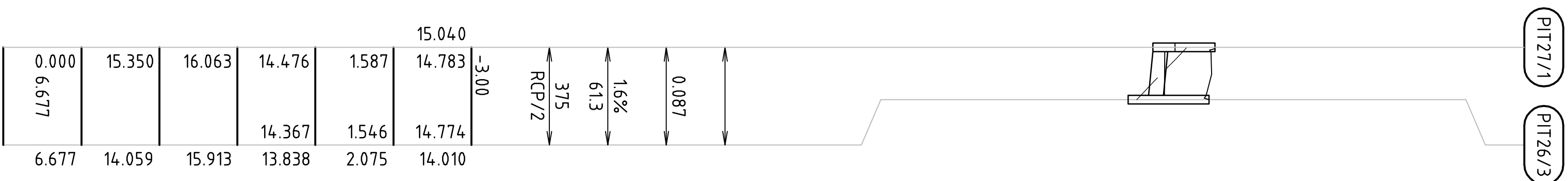
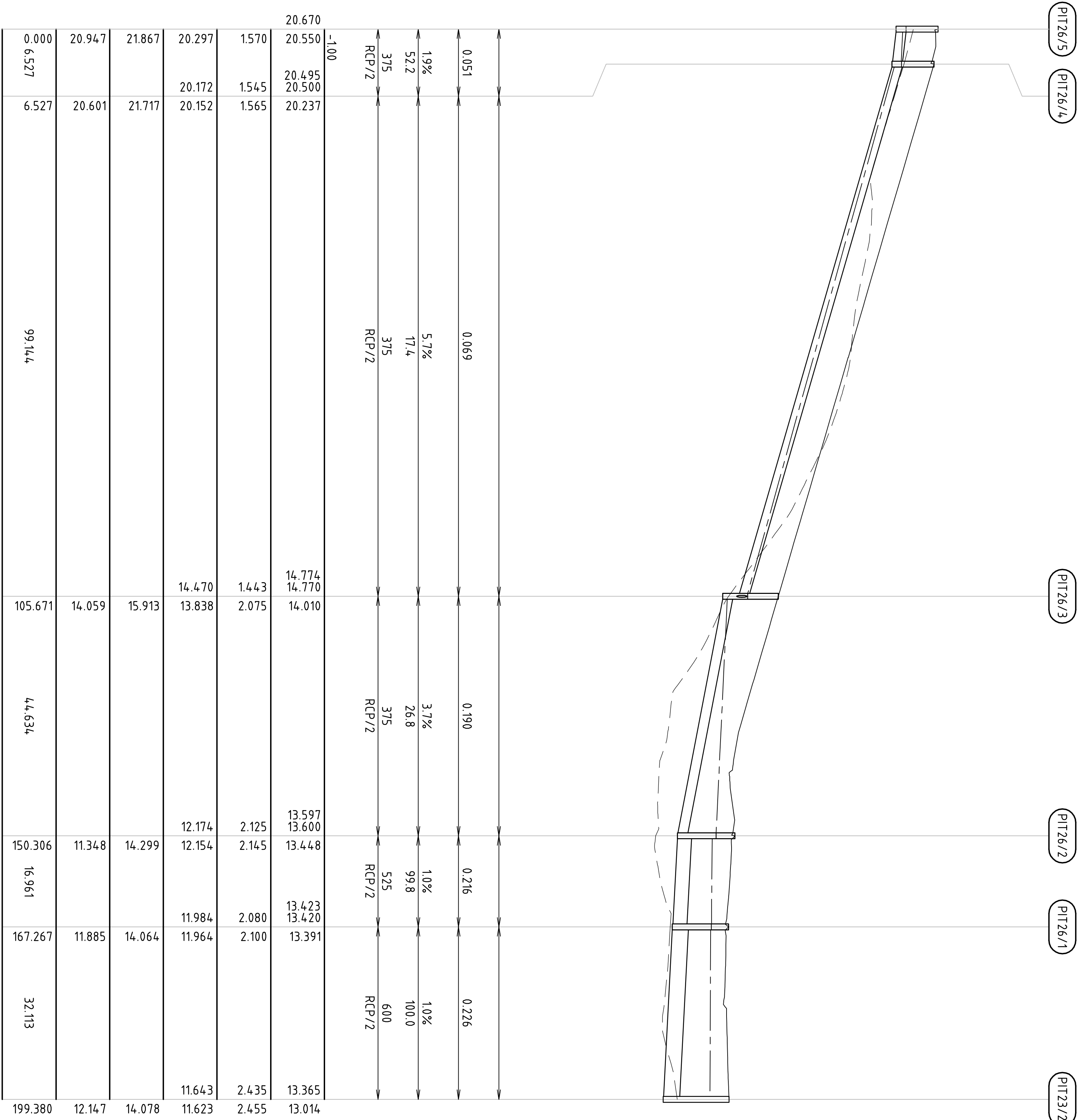
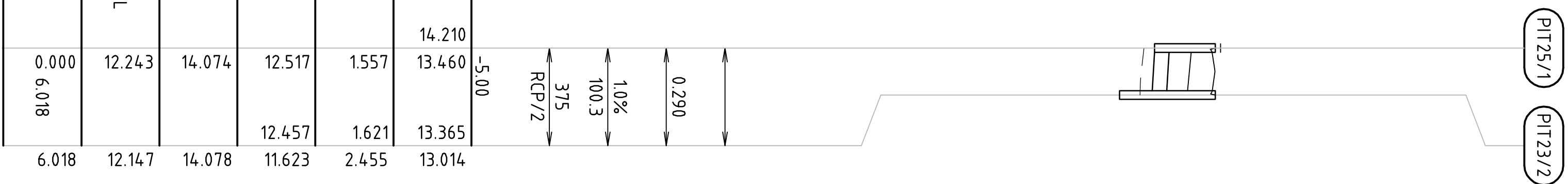


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	Drawn	D.J.CRANE	Designed	J.M.KAMA
	Drafting		Design	
	Check		Check	
	Approved		Date	This drawing must not be used for construction unless signed as Approved
	AS SHOWN	Scale		Original Size
Drawing No:		A1		Rev: A
THAKRAL PTY LTD PACIFIC BAY WESTERN LANDS STORMWATER DRAINAGE PROFILES SHEET 7 OF 10				



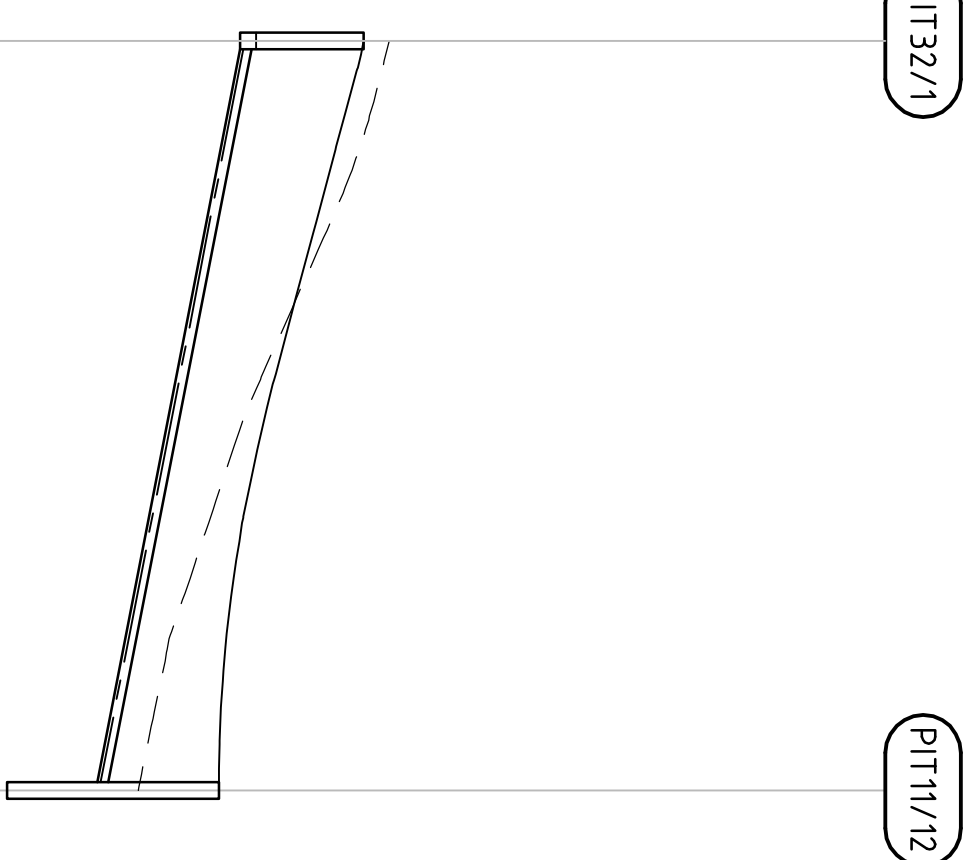
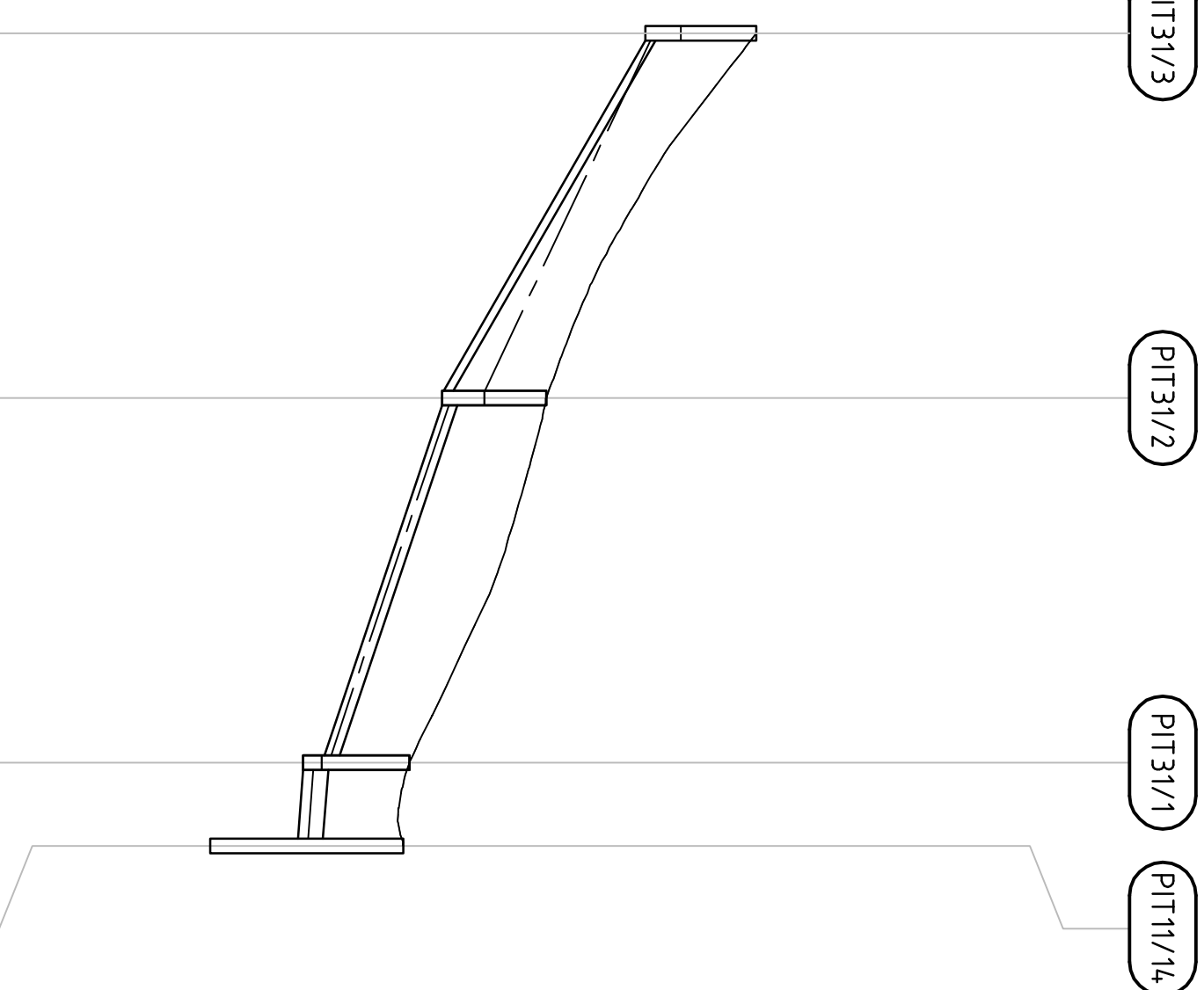
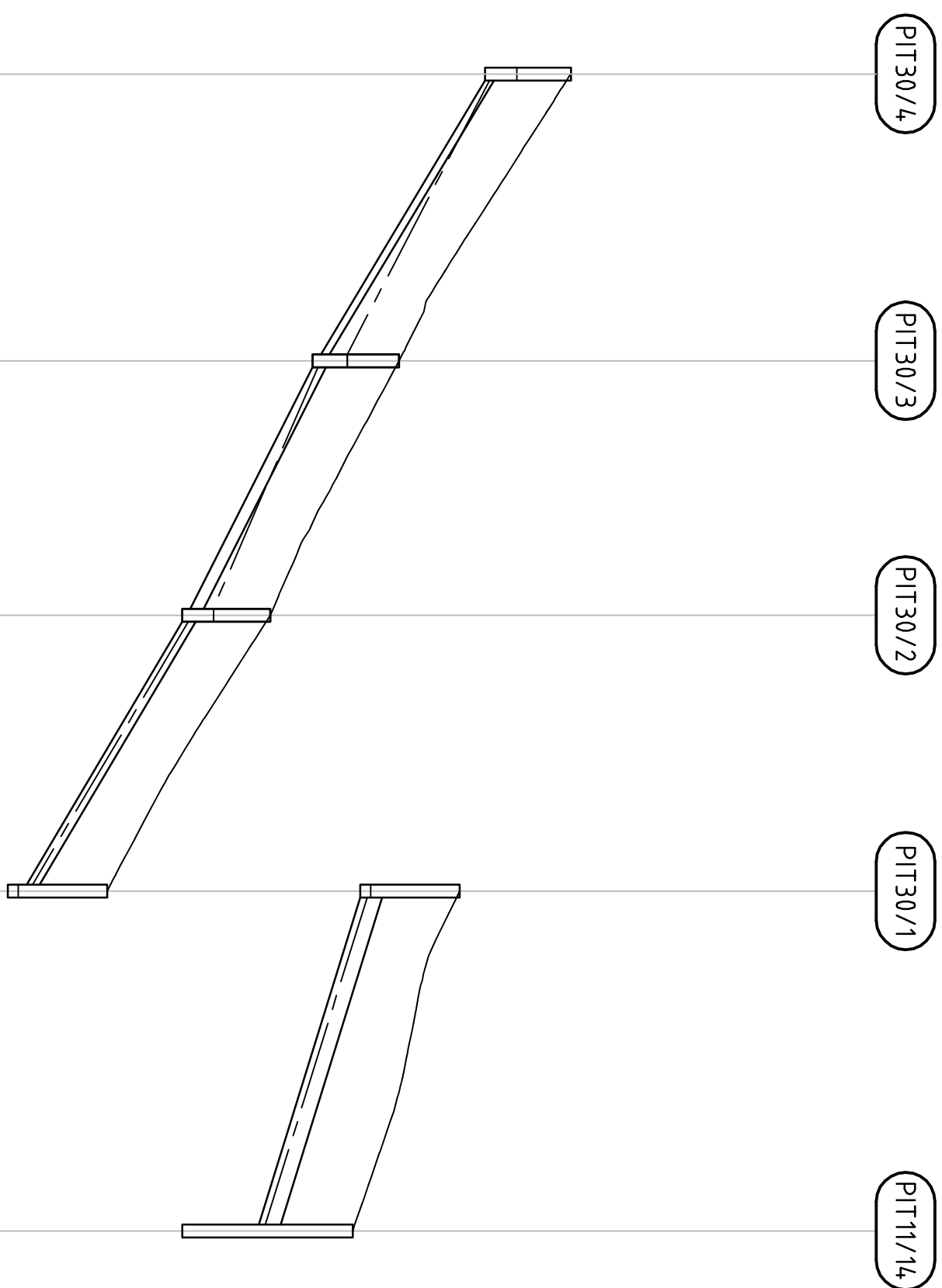
DATUM R.L.	-5.00
HYDRAULIC GRADE LINE	14.210
	13.460
DEPTH TO INVERT FROM DESIGN SURFACE	1.557
	1.621
INVERT LEVEL	12.517
	12.457
DESIGN SURFACE LEVEL	14.074
EXISTING SURFACE LEVEL	12.243
CHAINAGE	0.000
	6.018
	6.018
	12.147
	14.078

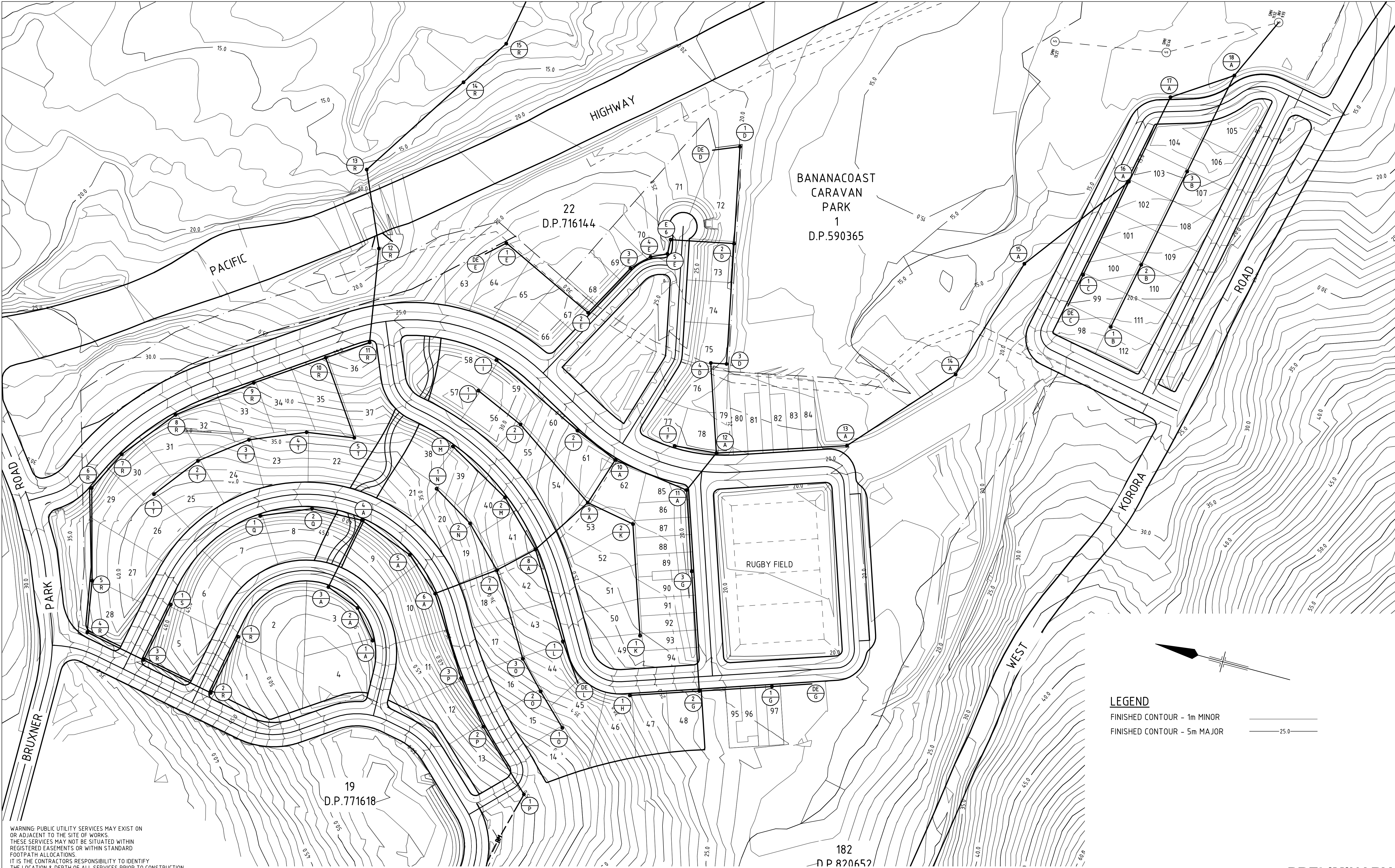
0.000	20.947	21.867	20.297	1.570	20.550	-1.00
6.527			20.172	1.545	20.495 20.500	
6.527	20.601	21.717	20.152	1.565	20.237	
99.144						
			14.470	1.443	14.774 14.770	
105.671	14.059	15.913	13.838	2.075	14.010	
44.634						
			12.174	2.125	13.597 13.600	
150.306	11.348	14.299	12.154	2.145	13.448	
16.961			11.984	2.080	13.423 13.420	
167.267	11.885	14.064	11.964	2.100	13.391	
32.113						
			11.643	2.435	13.365	
199.380	12.147	14.078	11.623	2.455	13.014	

					15.040	
0.000	15.350	16.063	14.476	1.587	14.783	-3.00
6.677			14.367	1.546	14.774	
6.677	14.059	15.913	13.838	2.075	14.010	

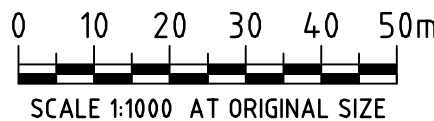
PRELIMINARY

[illegible]

[illegible][illegible][illegible]



D	REMOVED BRIDGE CONNECTION	JMK			24.03.10
C	REMOVED WESTERN PORTION LOTS	JMK			22.03.10
B	AMENDED LOTS AND LOT NUMBERING	WC	WC*	PP*	05.03.09
A	PRELIMINARY ISSUE	DJC	WC*	PP*	22.12.08
No	Revision	Note: * indicates signatures on original issue of drawing or last revision of drawing			
		Drawn	Checked	Approved	Date



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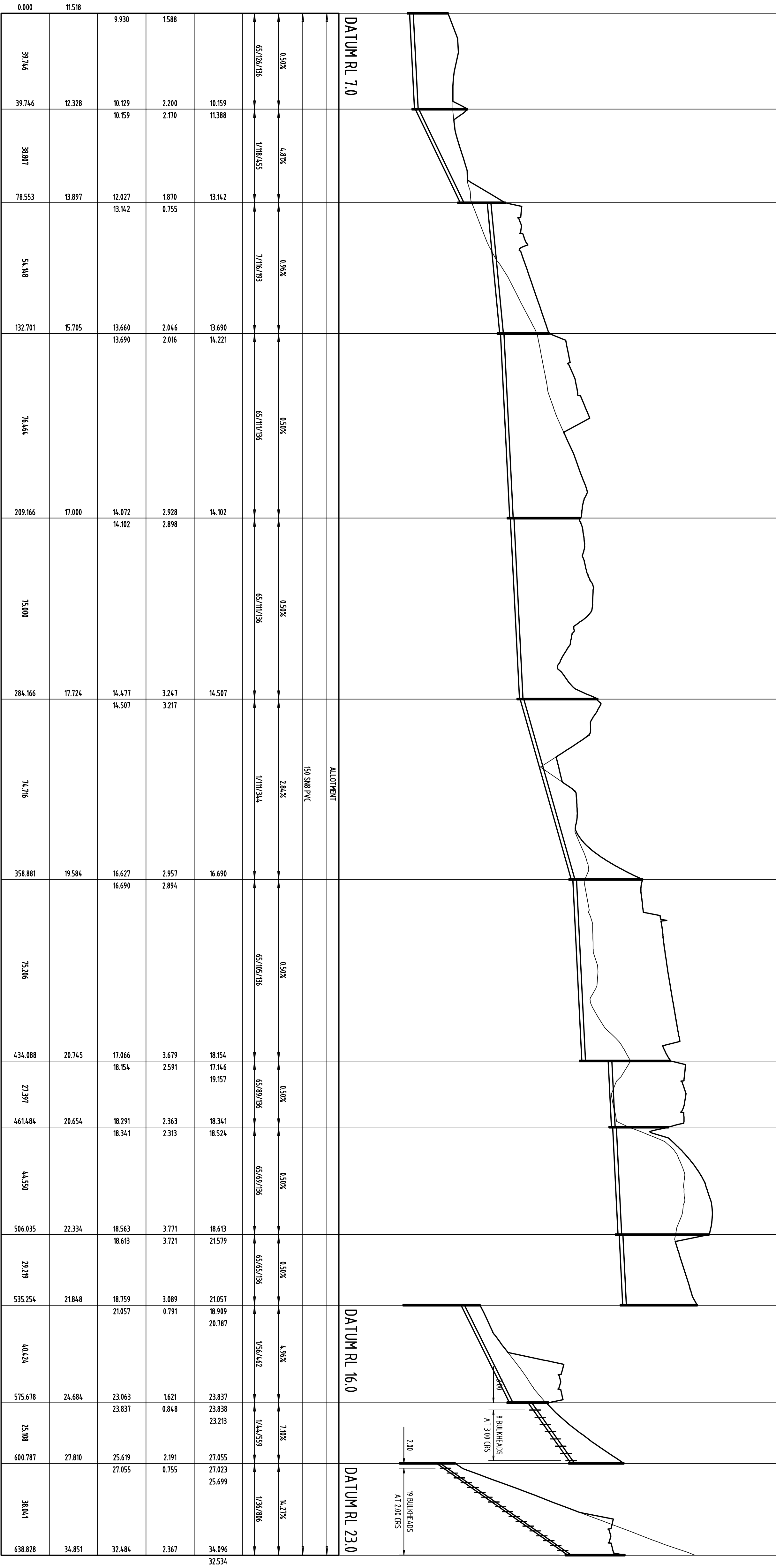
Drawn	J.M.KAMA	Designed	J.M.KAMA
Drafting Check		Design Check	
Approved			
Date			
Scale	AS SHOWN	This Drawing must not be used for Construction unless signed as Approved	

Client	THAKRAL PTY LTD
Project	PACIFIC BAY WESTERN LANDS
Title	SEWER LAYOUT PLAN
Original Size	A1
Drawing No:	22-13298-09-C300
Rev:	D

MANHOLE/END NAME
MANHOLE TYPE
LID TYPE
EASTING NORTHING
DROP TYPE
DEPTH TO HC
HOUSE CONNECTION INVERT LEVEL
HC TYPE
HC LOT No
CH. FROM D/S MH

								SMH11	
					A	312781.594 1649843.536	CL L	2	
					D	312745.533 1649860.250	CONC		
					D	312724.000 1649892.535	CL L	2	
					A	312670.878 1649903.028	CL L	2	
					A	312609.694 1649948.889	CL L	2	
					A	312537.912 1649970.624	CL L	2	
					A	312482.177 1650020.384	CL L	2	
					D	312458.716 1650091.837	CL L	2	
					A	312433.650 1650102.895	CL L	2	
					A	312439.805 1650147.019	CL L	2	
					D	312411.968 1650155.899	CL L	2	
					D	312378.147 1650178.042	CL L	2	
					D	312360.949 1650196.335	CL L	2	
						312338.733 1650227.215	CL L	2	

SURFACE TYPE
DIAMETER
GRADE
MIN/DESIGN/MAX ET's
JUNCTION INVERT LEVEL
DEPTH TO INVERT
INVERT LEVEL OF SEWER
DESIGN SURFACE LEVEL
RUNNING CHAINAGE

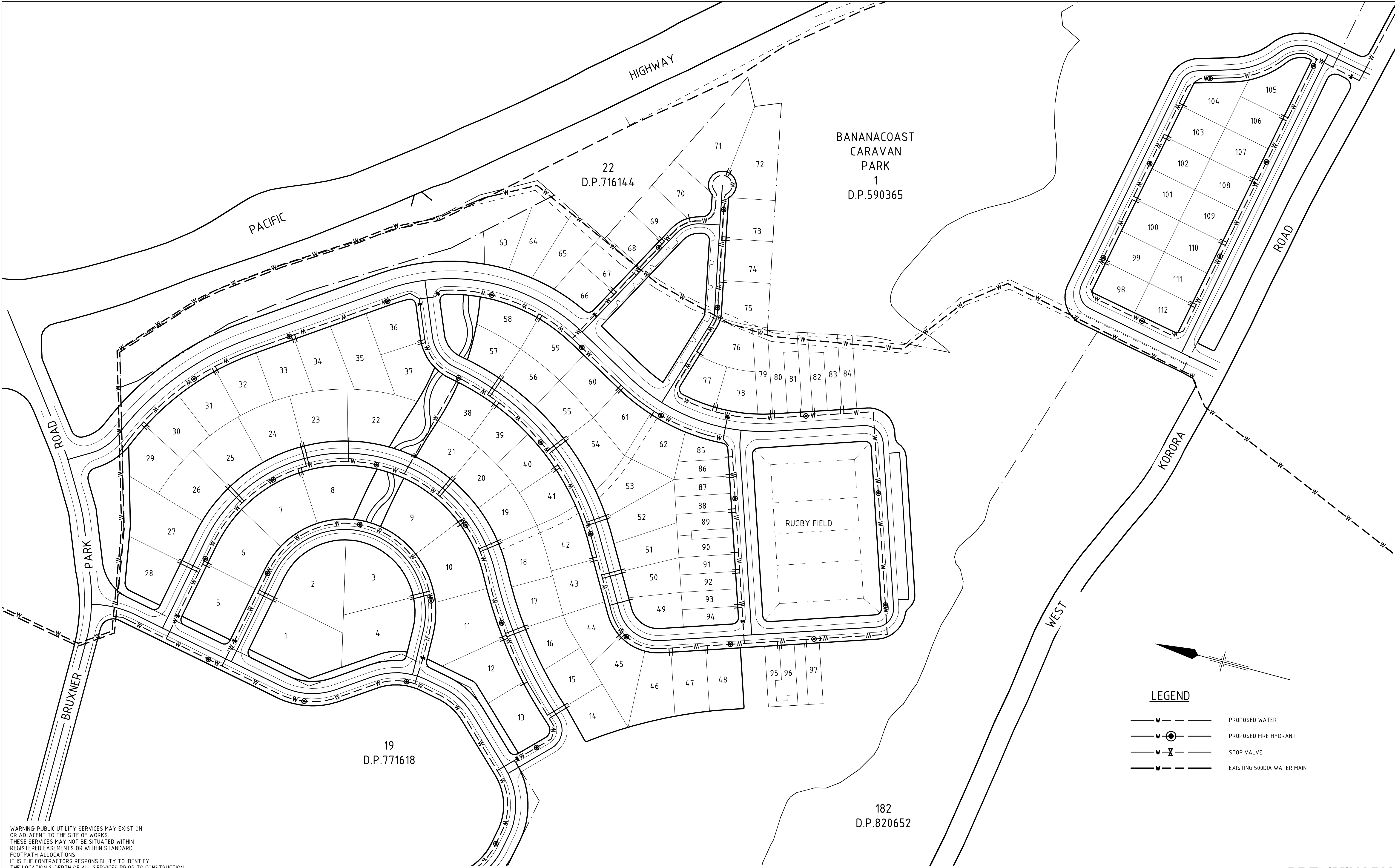


LINE

A

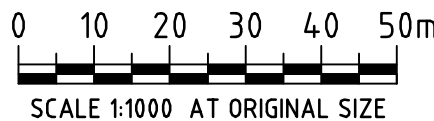
[illegible]

PRELIMINARY



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D	REMOVED BRIDGE CONNECTION	JMK			24.03.10
C	REMOVED WESTERN PORTION LOTS	JMK			22.03.10
B	AMENDED LOTS AND LOT NUMBERING	WC	WC*	PP*	05.03.09
A	PRELIMINARY ISSUE	DJC	WC*	PP*	22.12.08
No	Revision	Note: * indicates signatures on original issue of drawing or last revision of drawing			Date
		Drawn	Checked	Approved	



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Drafting Check		Design Check	
Approved			
Date			
Scale	AS SHOWN	This Drawing must not be used for Construction unless signed as Approved	

Client	THAKRAL PTY LTD		
Project	PACIFIC BAY WESTERN LANDS		
Title	WATER RETICULATION PLAN		
Original Size	A1	Drawing No: 22-13298-09-C400	Rev: D

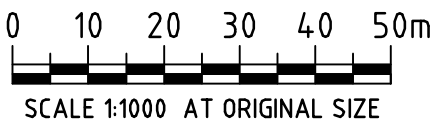


LEGEND:

- CUT AREA
- FILL AREA
- TEMPORARY CONSTRUCTION EXIT
- SB
- LEVEL SPREADER
- DROP DOWN DRAIN
- DIVERSION DRAIN WITH ROCK CHECK DAMS @ 15m
- LIMIT OF CLEARING & GRADING
- TEMPORARY PIPE
- SEDIMENT FENCE
- PIT

PRELIMINARY

D	REMOVED BRIDGE CONNECTION	JMK			24.03.10
C	REMOVED WESTERN PORTION LOTS	JMK			22.03.10
B	AMENDED LOTS AND LOT NUMBERING	WC	WC*	PP*	05.03.09
A	PRELIMINARY ISSUE	DJC	WC*	PP*	22.12.08
No	Revision	Note: * indicates signatures on original issue of drawing or last revision of drawing			
		Drawn	Checked	Approved	Date



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Drawn	D.J.CRANE	Designed	J.M.KAMA
Drafting Check		Design Check	
Approved			
Date			
Scale	AS SHOWN	This Drawing must not be used for Construction unless signed as Approved	

Client	THAKRAL PTY LTD		
Project	PACIFIC BAY WESTERN LANDS		
Title	INDICATIVE SEDIMENT & EROSION CONTROL PLAN		
Original Size	A1	Drawing No:	22-13298-09-C500
Rev:	D		

