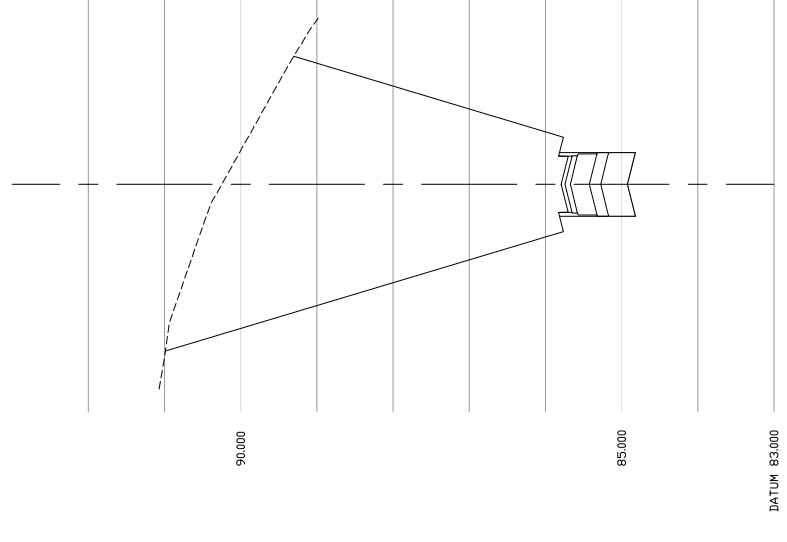


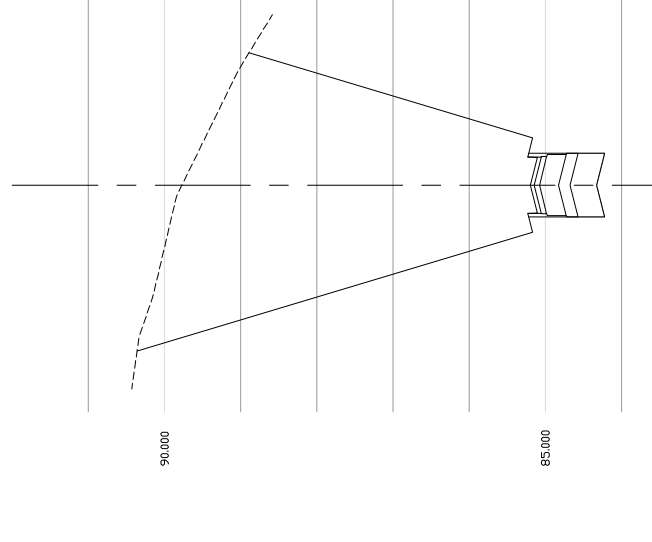
NOTES

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ENGINEERS, ARCHITECTS AND SPECIALISTS DRAWINGS AND THE SPECIFICATION.
2. **DO NOT SCALE** FROM THIS DRAWING MANUALLY OR ELECTRONICALLY. WRITTEN PERMISSION MUST BE OBTAINED FROM MIM PRIOR TO SCALING ELECTRONICALLY OR USING THIS ELECTRONIC FILE.
3. PRELIMINARY DESIGN DETAILS:
 - SINGLE 7.3m WIDE TWO WAY CARRIAGEWAY
 - 2.5m MINIMUM VERGE ON BOTH SIDES OF CARRIAGEWAY
 - 1 IN 3 SLOPES (CUT AND FILL) TO EXISTING GROUND PROFILE
 - 3.5% SUPERELEVATION APPLIED TRANSITIONS / CURVES
4. STANDARD 2.5% CAMBER APPLIED TO STRAIGHTS
5. SECTIONS BASED ON HORIZONTAL / VERTICAL ALIGNMENT SHOWN ON DRAWINGS 612263/72 TO 78
6. FOR TYPICAL CROSS SECTIONS REFER TO DRAWINGS 612263/79



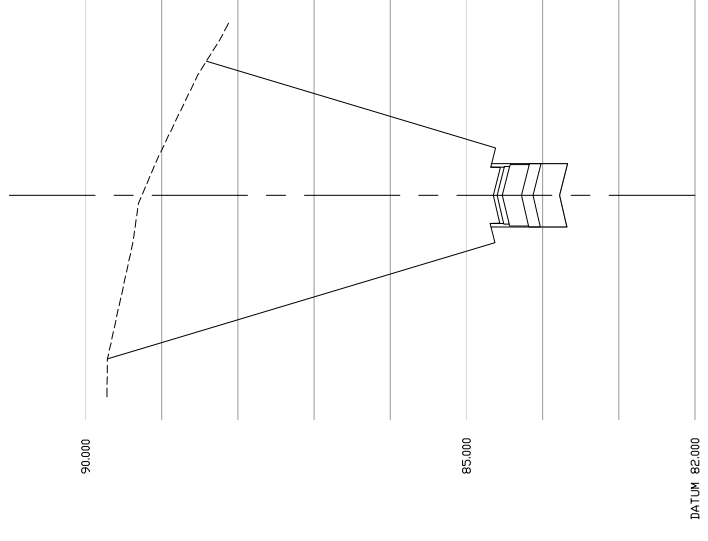
Offset	Ground Level	Feature Level
90.989	90.989	21.873
91.971		
95.764	95.522	6.200
95.827	94.341	3.700
95.702	92.248	0.000
95.702	90.044	3.650
95.702	89.901	2.700
95.702	89.304	16.819
		88.983

ALIGNMENT RD_1
CHANGING 280000



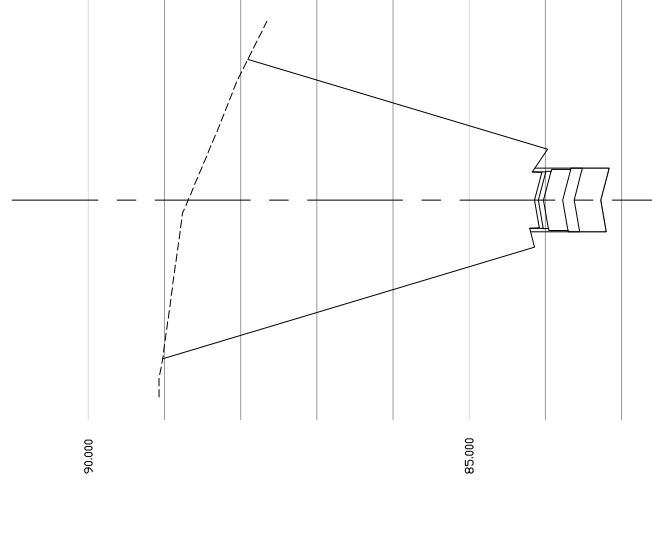
Offset	Ground Level	Feature Level
90.961	90.961	21.774
94.331		
95.170	89.955	6.200
95.232	89.897	3.700
95.187	89.773	0.000
95.107	89.594	3.650
95.107	89.468	2.700
95.107	88.892	17.268
		88.584

ALIGNMENT RD_1
CHANGING 280000



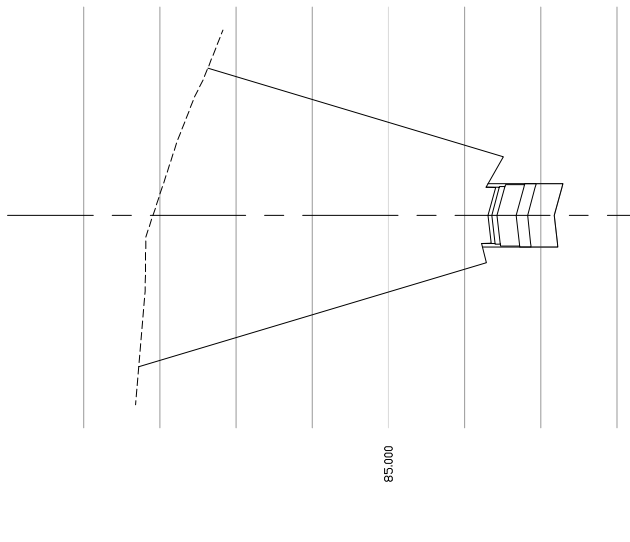
Offset	Ground Level	Feature Level
89.711	89.711	21.462
89.718		
84.624	89.377	6.200
84.686	89.342	3.700
84.561	89.259	0.000
84.561	89.104	3.650
84.561	88.988	2.700
84.561	88.413	17.989
		88.121

ALIGNMENT RD_1
CHANGING 280000



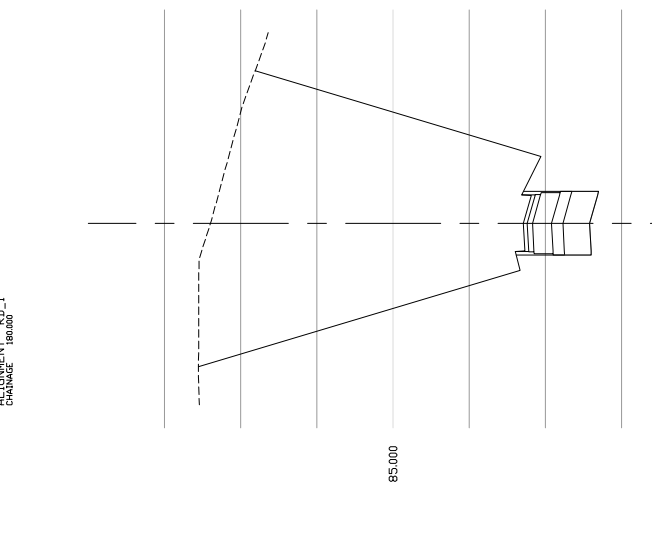
Offset	Ground Level	Feature Level
89.026	89.026	20.845
89.074		
84.144	88.826	6.200
84.206	88.791	3.650
84.145	88.692	0.000
84.145	88.537	3.650
84.145	88.409	6.670
84.145	87.908	18.474
		87.658

ALIGNMENT RD_1
CHANGING 190000



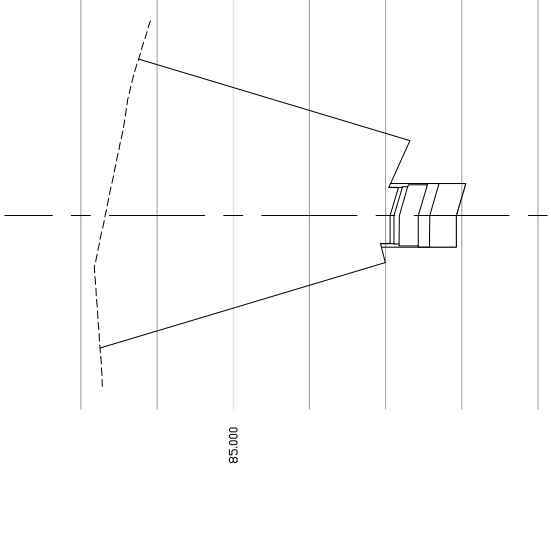
Offset	Ground Level	Feature Level
88.276	88.276	19.887
88.318		
83.714	88.188	6.200
83.772	88.185	3.700
83.652	88.090	0.000
83.593	87.971	3.650
83.518	87.838	7.706
83.492	87.838	7.706
83.492	87.370	19.341
		87.170

ALIGNMENT RD_1
CHANGING 180000



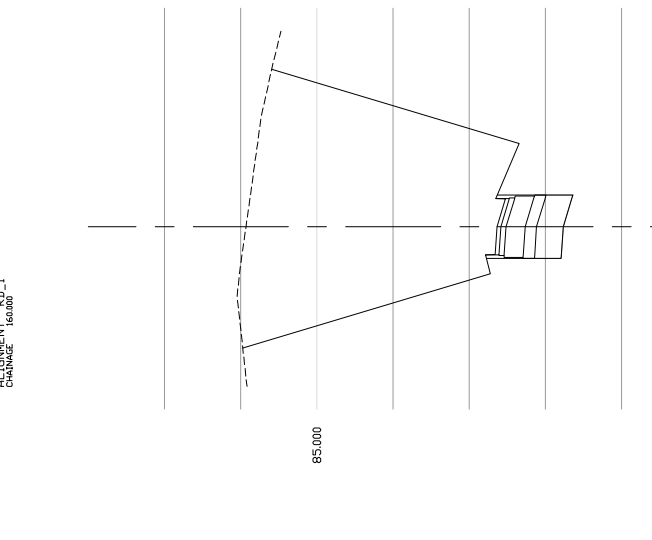
Offset	Ground Level	Feature Level
87.555	87.555	18.866
87.545		
83.334	87.550	6.200
83.397	87.516	3.700
83.272	87.398	0.000
83.201	87.297	3.650
83.188	87.297	3.650
83.313	87.159	8.750
83.060	87.159	8.750
83.060	86.812	20.005
		86.639

ALIGNMENT RD_1
CHANGING 170000



Offset	Ground Level	Feature Level
86.747	86.747	17.459
86.717		
83.004	86.810	6.200
83.067	86.757	3.700
83.039	86.680	0.000
83.032	86.694	3.650
82.937	86.476	9.816
82.843	86.243	20.511
		86.089

ALIGNMENT RD_1
CHANGING 160000



Offset	Ground Level	Feature Level
85.974	85.974	15.948
85.919		
82.724	86.017	6.200
82.787	85.983	3.700
82.662	85.932	3.650
82.637	85.932	0.000
82.527	85.881	3.650
82.345	85.780	10.924
82.345	85.594	20.672
		85.473

ALIGNMENT RD_1
CHANGING 150000

Rev	Date	Description	Made	Checked

FOR APPROVAL



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Project: **NORTH WEST HAVERHILL LAND OWNERS CONSORTIUM NORTH WEST HAVERHILL RELIEF ROAD**
 Drawing Title: **CROSS SECTIONS**
 CHANGING 150m TO 220m (BASED ON A 85KPH DESIGN SPEED WITH DEPARTURES)
 SHEET 2 OF 16

Drawn/Design	CBP/JJB	Checked	JJB	Approved	RSE	Date	11.02.09

Drawing No. **612263/81**

Rev **P1**