DEPARTMENT OF ROADS
Ministry of Physical Planning and Works, FDR/ Nepal

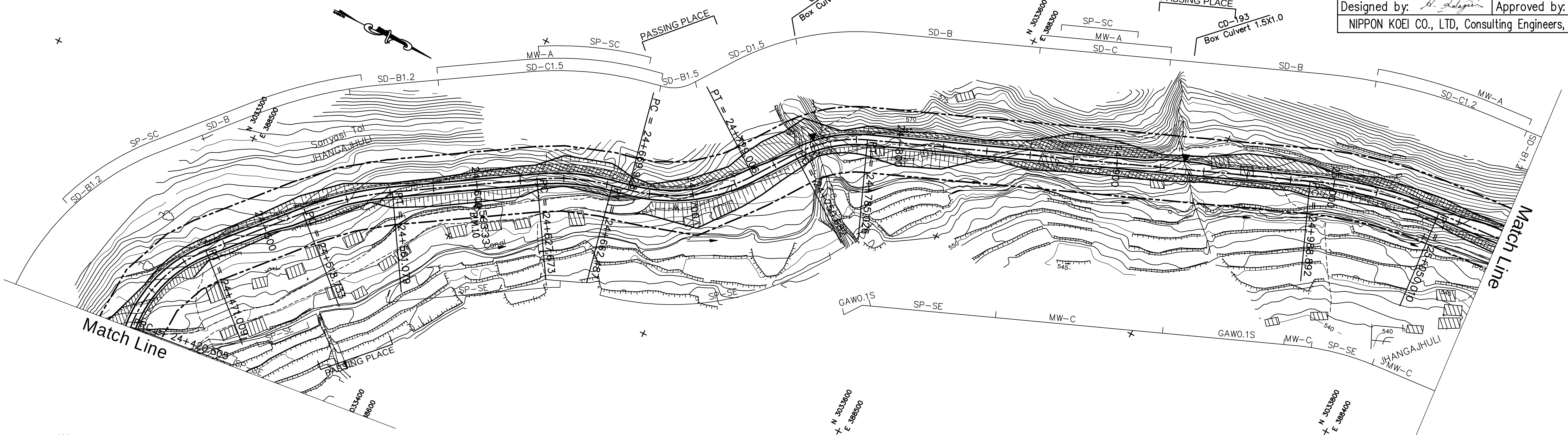
THE PROJECT FOR CONSTRUCTION OF SINDHULI ROAD (Section III)

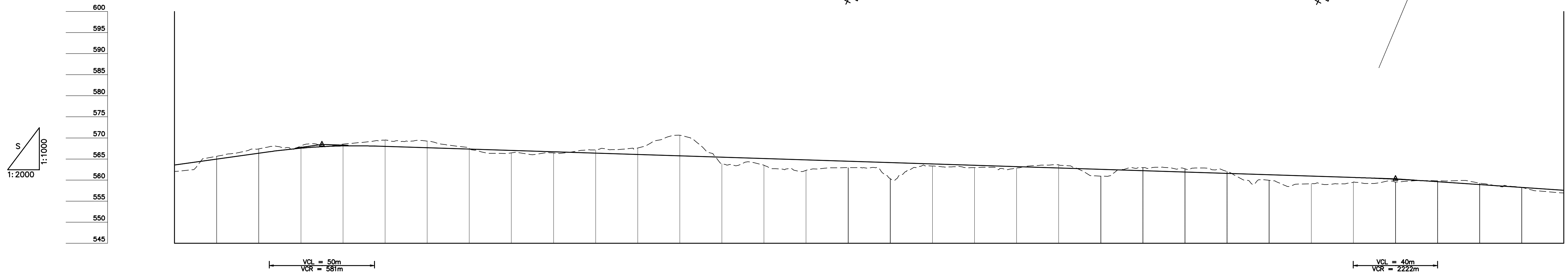
PLAN AND PROFILE
STA. 24+420 – STA. 25+080

Drawing No. B–51

Date: July, 2009	Scale: 1:2000
Designed by: [signature]	Approved by:

NIPPON KOEI CO., LTD, Consulting Engineers, Japan





STATION	PROPOSED HEIGHT	GROUND HEIGHT
24+420	563.560	562.083
24+440	564.960	565.635
24+460	566.360	567.410
24+480	567.567	568.076
24+500	568.107	568.546
24+520	567.980	569.489
24+540	567.660	569.257
24+560	567.340	567.561
24+580	567.020	566.455
24+600	566.700	566.432
24+620	566.380	567.135
24+640	566.060	567.611
24+660	565.740	570.648
24+680	565.420	563.891
24+700	565.100	563.503
24+720	564.780	562.310
24+740	564.460	562.944
24+760	564.140	560.331
24+780	563.820	563.335
24+800	563.500	562.962
24+820	563.180	562.826
24+840	562.860	563.649
24+860	562.540	560.942
24+880	562.220	562.967
24+900	561.900	562.676
24+920	561.580	562.021
24+940	561.260	559.946
24+960	560.940	559.132
24+980	560.620	559.495
25+000	560.210	559.523
25+020	559.620	559.822
25+040	558.940	559.251
25+060	558.260	558.242
25+080	557.580	556.927

GRADE: 7.000% L=180.000; 568.460 24+490.000; –1.600% L=520.000; 560.300 25+000.000; –3.400% L=190.000

CURVE ELEMENT: R=90 L=36.338 +420.505; R=60 L=50.504 +471.009; L=47.724 +518.733; R=150 L=42.346 +561.079; L=66.594 +627.673; R=100 L=34.813 +662.487; L=7.441 +669.928; R=80 L=59.078 +729.006; L=21.676 +750.682; R=60 L=34.344 +785.026; L=203.866 +988.892; R=200 L=61.118 +050.010; L=58.380

SUPER ELEVATION: —— Left; – – – Right; 2.5%

WIDENING: 1.25m; 1.25m; 1.25m; 1.75m

DESIGN SPEED: () Running speed — 30 Km/h(40 Km/h)