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

THE PROJECT FOR CONSTRUCTION OF SINDHULI ROAD (Section III)

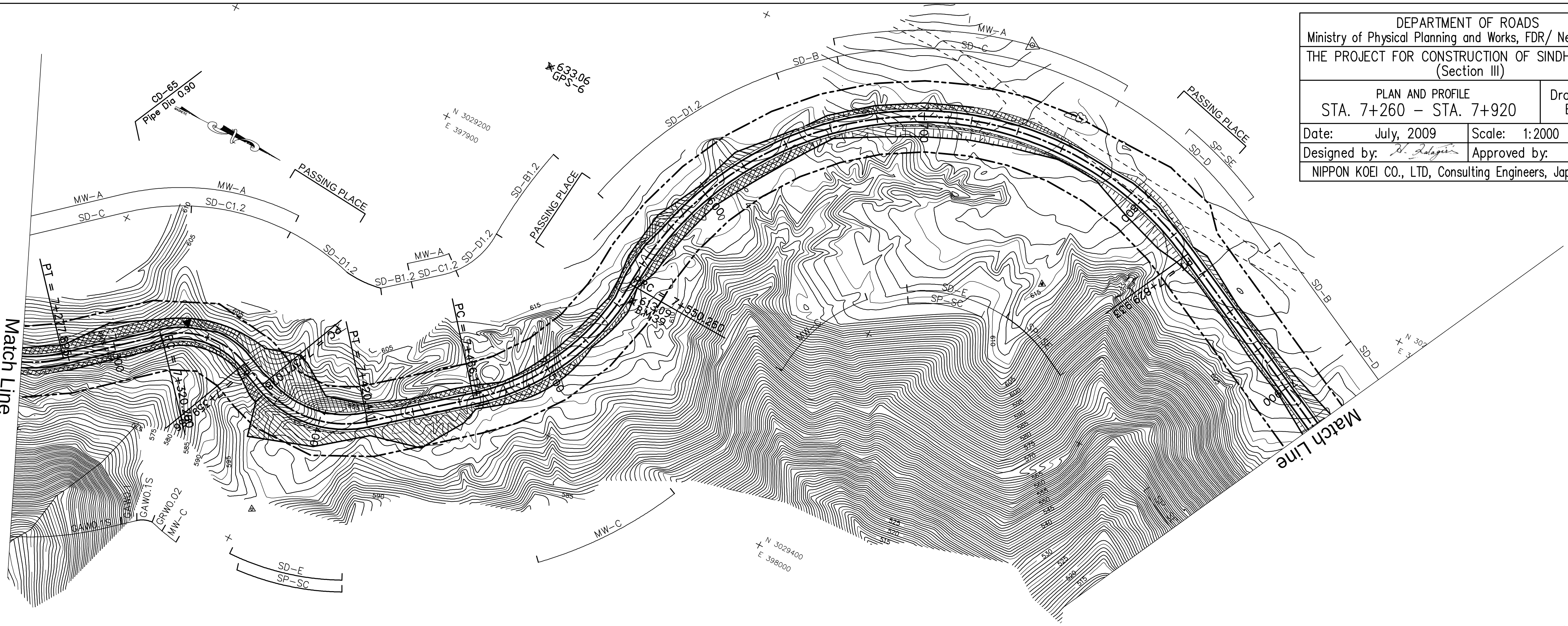
PLAN AND PROFILE
STA. 7+260 – STA. 7+920

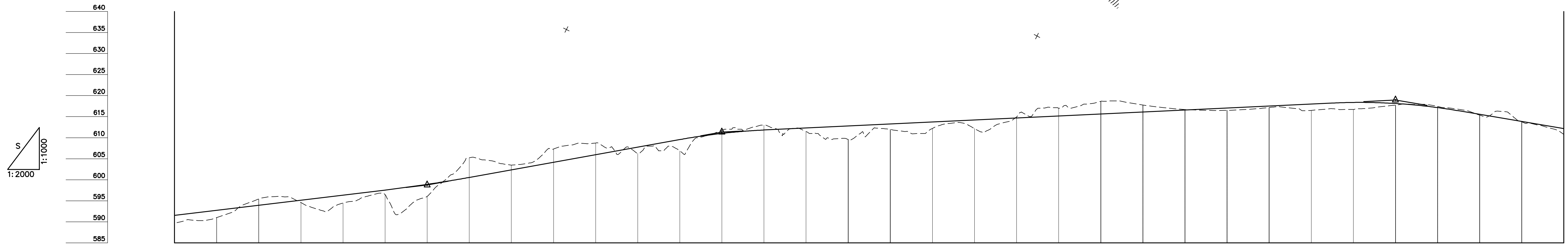
Drawing No. B-21

Date: July, 2009 | Scale: 1:2000

Designed by: [signature] | Approved by:

NIPPON KOEI CO., LTD, Consulting Engineers, Japan





VCL = 40m, VCR = 1333m; VCL = 40m, VCR = 604m; VCL = 60m, VCR = 552m

GRADE: 6.000% L=700.000 — VIP 598.750 (7+380.000) — 9.000% L=140.000 — VIP 611.350 (7+520.000) — 2.375% L=320.000 — VIP 618.950 (7+840.000) — -8.500% L=540.000

STATION	PROPOSED HEIGHT	GROUND HEIGHT
7+260	591.550	589.745
7+280	592.750	591.008
7+300	593.950	595.416
7+320	595.150	594.582
7+340	596.350	594.473
7+360	597.550	596.494
7+380	598.900	596.035
7+400	600.550	605.234
7+420	602.350	603.487
7+440	604.150	607.305
7+460	605.950	608.728
7+480	607.750	606.263
7+500	609.550	606.856
7+520	611.019	611.755
7+540	611.825	613.000
7+560	612.300	611.466
7+580	612.775	609.589
7+600	613.250	611.963
7+620	613.725	612.206
7+640	614.200	612.163
7+660	614.675	614.909
7+680	615.150	617.000
7+700	615.625	618.640
7+720	616.100	617.779
7+740	616.575	616.708
7+760	617.050	616.502
7+780	617.525	617.170
7+800	618.000	616.496
7+820	618.384	616.730
7+840	618.134	617.732
7+860	617.159	617.449
7+880	615.550	615.357
7+900	613.850	613.768
7+920	612.150	610.801

CURVE ELEMENT: R=60 L=56.138; +277.895; L=42.384; +320.280; R=35 L=39.107; +359.386; L=11.692; +371.078; R=45 L=49.332; +420.411; L=45.763; +466.174; R=100 L=84.085; +550.260; R=140 L=279.673; +829.933; L=100.810

SUPER ELEVATION: —— Left; – – – Right; 2.5%, 2.5%, 0.0%, 4.0%, 4.0%, 0.0%, 2.5%, 2.5%

WIDENING: 1.25m, 1.5m, 1.25m, 1.25m

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