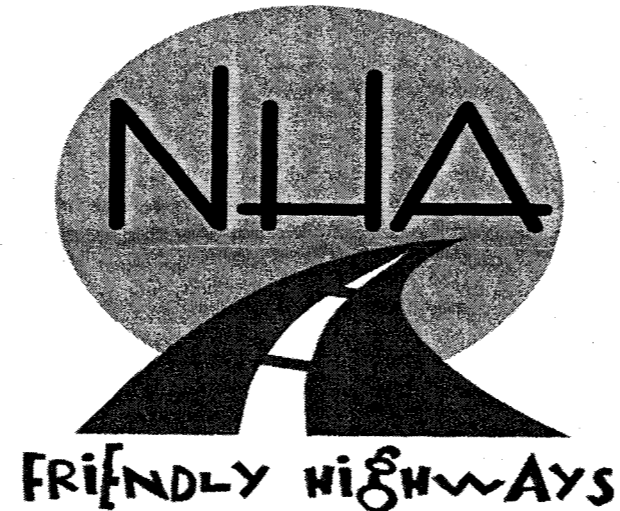


ISLAMIC REPUBLIC OF PAKISTAN
NATIONAL HIGHWAY AUTHORITY

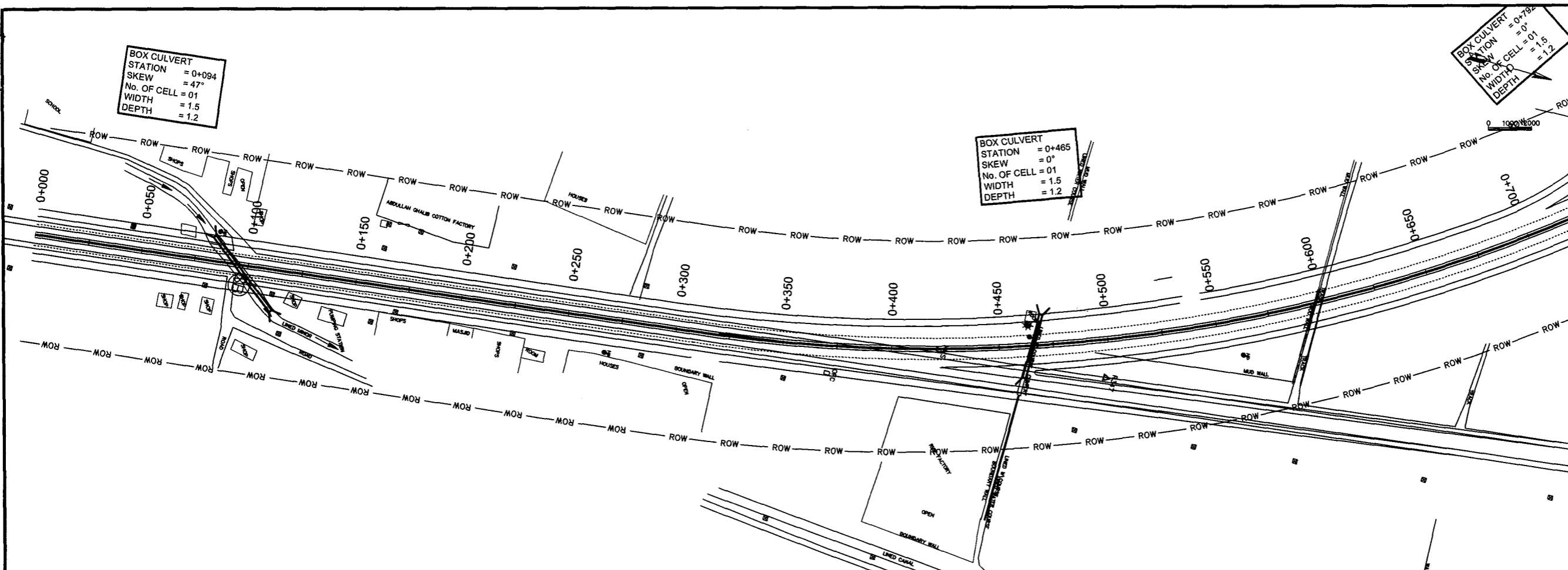


LOAN 4416-PAK: CENTRAL ASIA REGIONAL ECONOMIC COOPERATION
CORRIDOR DEVELOPMENT INVESTMENT PROGRAM (CAREC) [TRANCHE-III]
OCB/CAREC/T-III: CONSTRUCTION OF ADDITIONAL CARRIAGEWAY FROM
RAJANPUR – DG KHAN N-55 HIGHWAY SECTION (121.5 KM) AND DG KHAN –
DI KHAN N-55 HIGHWAY SECTION (208.0 KM) FROM TWO-LANE TO FOUR-
LANE UNDER ONE PACKAGE COMPRISING OF FOUR LOTS

➤ **Lot-1: Rajanpur – Jampur Section (57.50 Km)**

(DRAWINGS)





NOTES
1- ALL DIMENSIONS ARE IN METERS.

LEGEND

REV.	REVISION/ISSUE	DATE

PROJECT:
CONSTRUCTION OF RAJANPUR-DG KHAN SECTION OF N-55 AS 4-LANE HIGHWAY (121.50 Km)
PACKAGE-1
(Km 0+000 TO Km 57+500)

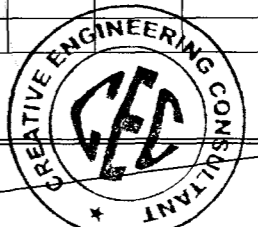
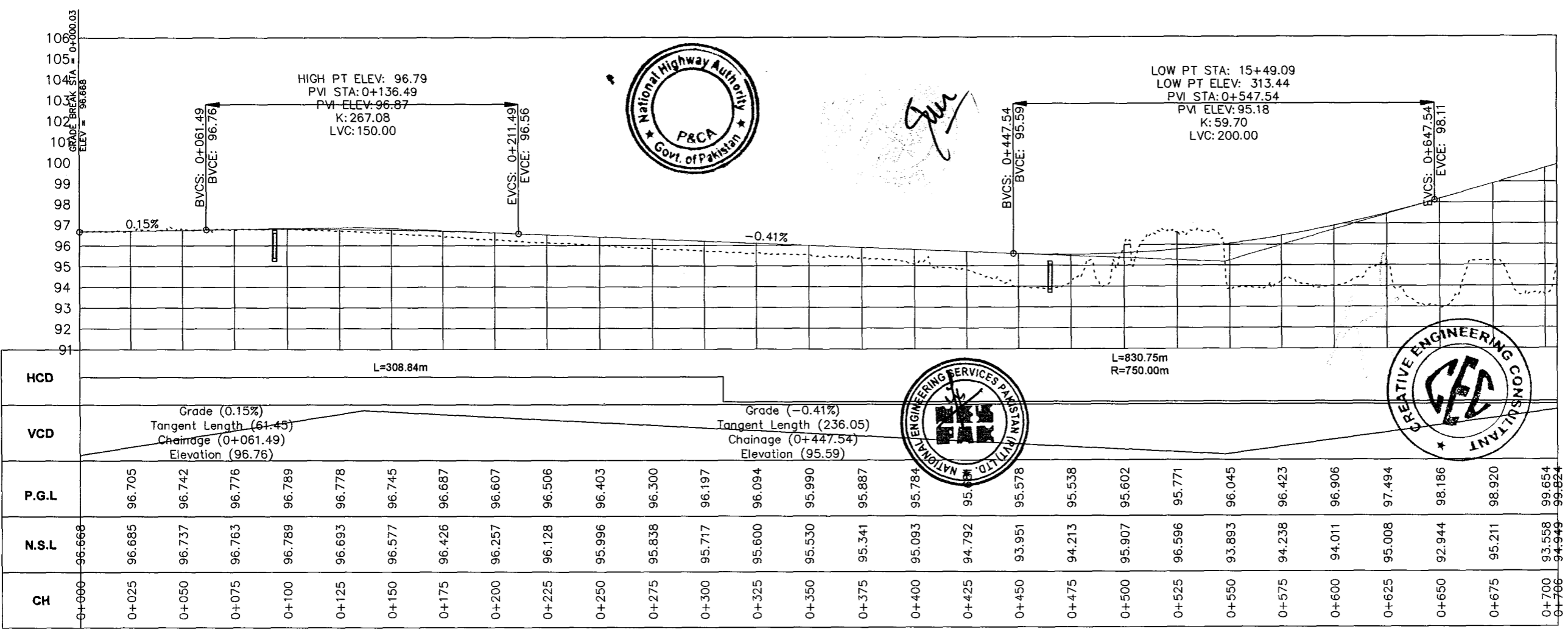
CLIENT:
NATIONAL HIGHWAYS AUTHORITY (NHA)

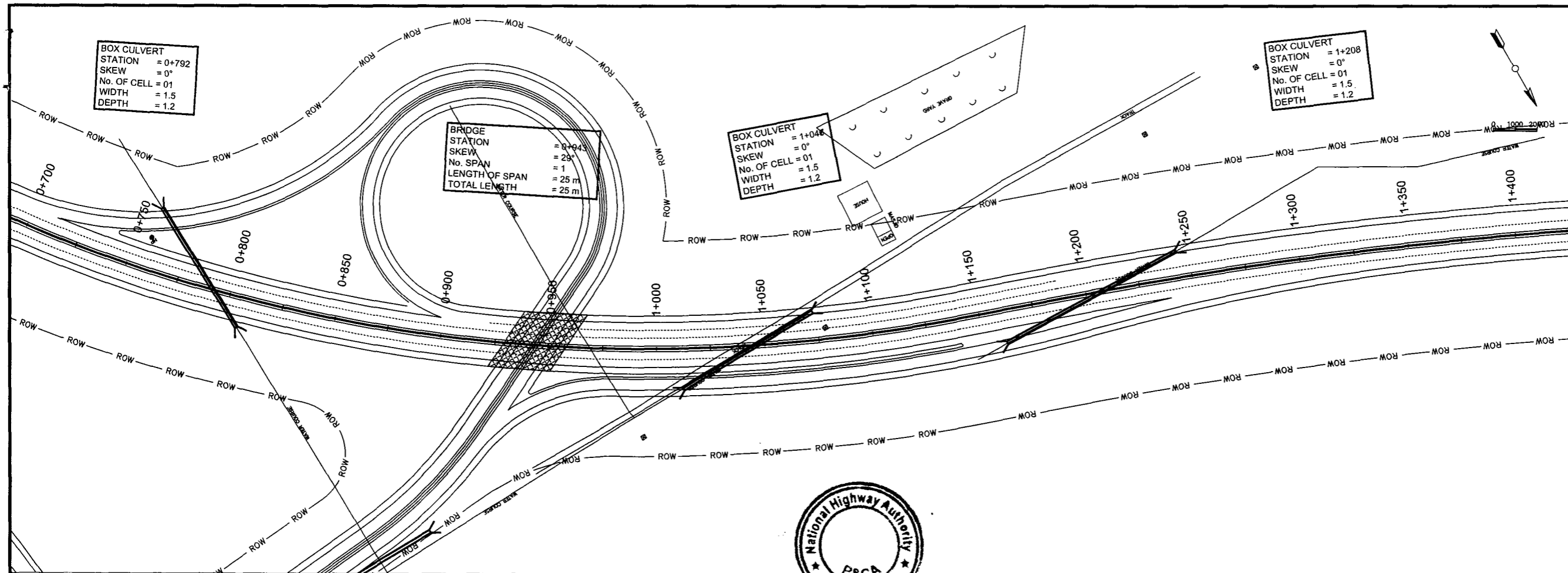
- CONSULTANTS:**
- MINCONSULT SDN BHD
In Joint Venture With
 - SAMAN CORPORATION
 - SHELADIA ASSOCIATES
 - CEC
 - AAA
 - ACE
 - AA
 - ACC

DRAWING TITLE:
PLAN & PROFILE

DESIGN BY: S.M	SHEET NO: 01 OF 92
DRAWN BY: S.M	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024.
APPROVED BY:	REVISION:

DWG NO:
CAREC/T-III/TD/001

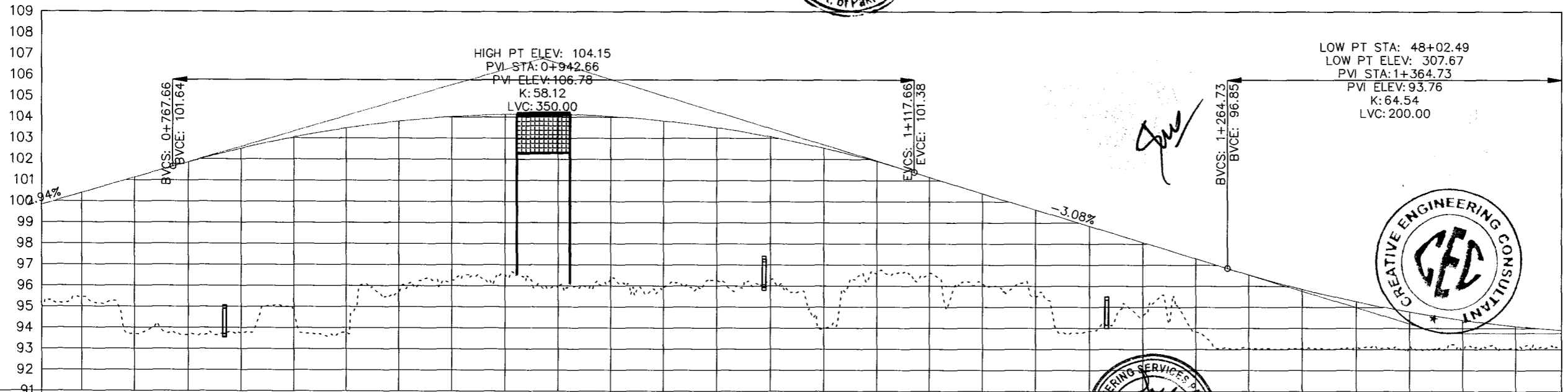




NOTES
1:- ALL DIMENSIONS ARE IN METERS.

LEGEND

REV.	REVISION/ISSUE	DATE



Station	CH	N.S.L	P.G.L	VCD	HCD
0+700	94.949	99.824			
0+725	95.420	100.389			
0+750	93.686	101.123			
0+775	93.671	101.853			
0+800	93.782	102.502			
0+825	94.661	103.044			
0+850	93.785	103.478			
0+875	95.669	103.804			
0+900	96.266	104.023			
0+925	96.515	104.135			
0+950	95.927	104.138			
0+975	96.358	104.035			
1+000	95.883	103.823			
1+025	96.260	103.505			
1+050	96.292	103.078			
1+075	93.959	102.544			
1+100	96.605	101.903			
1+125	96.588	101.159			
1+150	96.091	100.387			
1+175	95.497	99.616			
1+200	93.851	98.845			
1+225	94.621	98.074			
1+250	93.818	97.303			
1+275	93.037	96.540			
1+300	93.033	95.857			
1+325	93.090	95.271			
1+350	93.188	94.781			
1+375	93.064	94.389			
1+400	93.030	94.093			
1+425	92.982	93.916			

PROJECT:
CONSTRUCTION OF RAJANPUR-DG KHAN SECTION OF N-55 AS 4-LANE HIGHWAY (121.50 Km)
PACKAGE-1 (Km 0+000 TO Km 57+500)

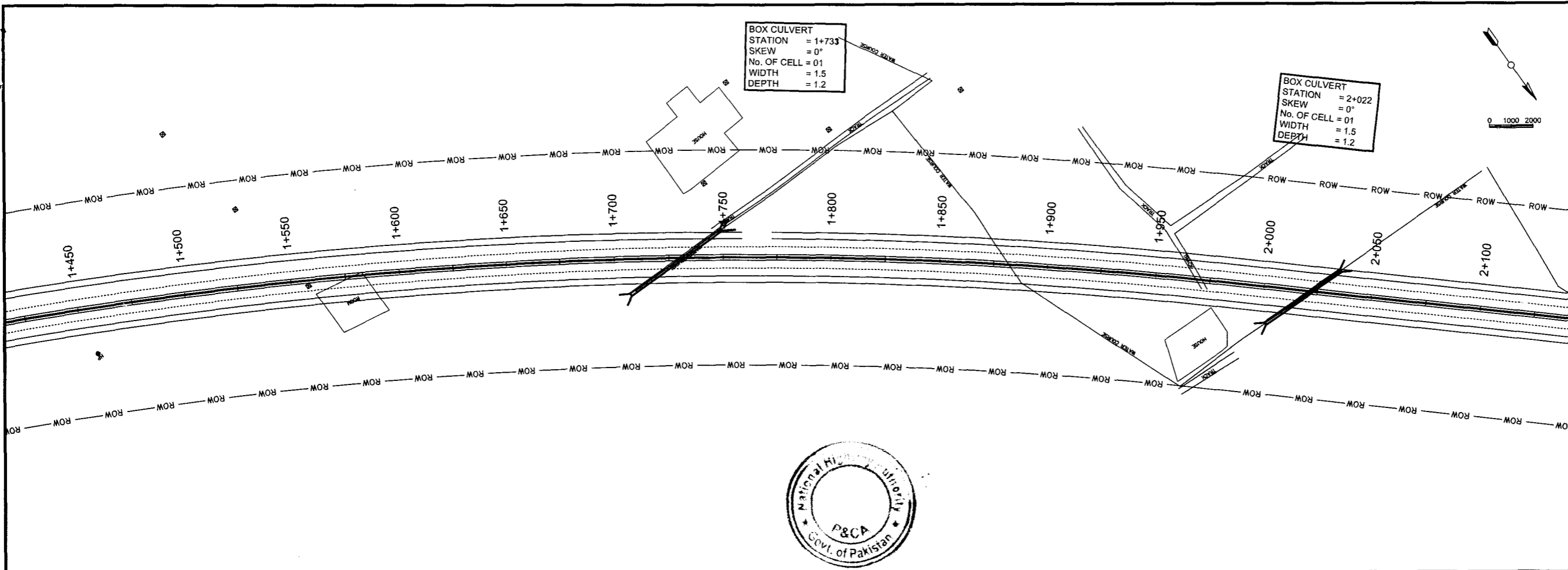
CLIENT:
NATIONAL HIGHWAYS AUTHORITY (NHA)

- CONSULTANTS:**
- MINCONSULT. SDN BHD In Joint Venture With
 - SAMAN CORPORATION
 - SHELADIA ASSOCIATES
 - CEC
 - AAA
 - ACE
 - AA
 - ACC

DRAWING TITLE:
PLAN & PROFILE

DESIGN BY: S.M	SHEET NO: 02 OF 92
DRAWN BY: S.M	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024.
APPROVED BY:	REVISION:

DWG NO:
CAREC/T-III/TD/001



NOTES
1:- ALL DIMENSIONS ARE IN METERS.

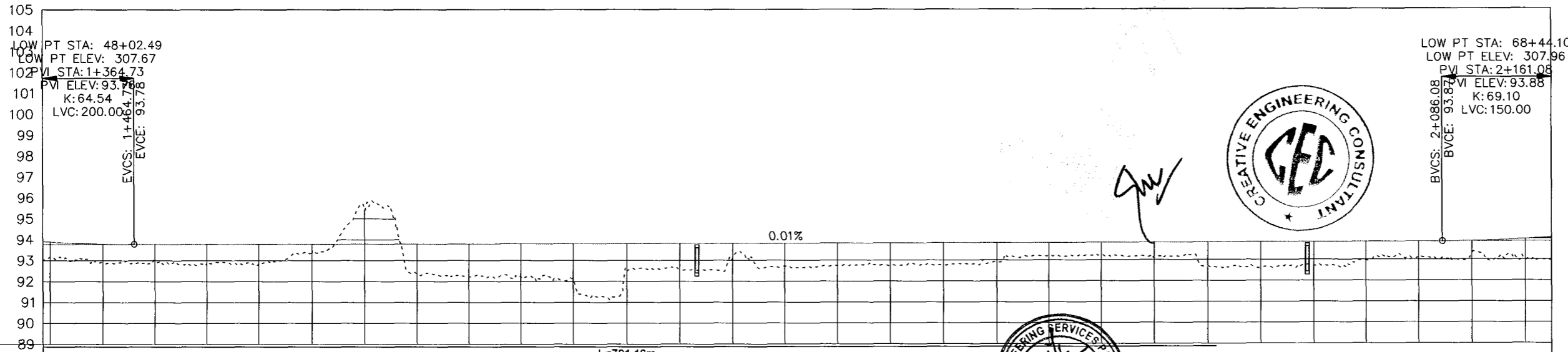
LEGEND

REV.	REVISION/ISSUE	DATE

PROJECT:
CONSTRUCTION OF RAJANPUR-DG KHAN SECTION OF N-55 AS 4-LANE HIGHWAY (121.50 Km)
PACKAGE-1 (Km 0+000 TO Km 57+500)

CLIENT:
NATIONAL HIGHWAYS AUTHORITY (NHA)

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- MINCONSULT SDN BHD In Joint Venture With
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 - CEC
 - AAA
 - ACE
 - AA
 - ACC



CH	1+425	1+450	1+475	1+500	1+525	1+550	1+575	1+600	1+625	1+650	1+675	1+700	1+725	1+750	1+775	1+800	1+825	1+850	1+875	1+900	1+925	1+950	1+975	2+000	2+025	2+050	2+075	2+100	2+125	2+137		
HCD	L=791.16m R=2000.00m																L=646.25m															
VCD	Grade (0.01%) Tangent Length (621.35) Chainage (2+086.08) Elevation (93.87)																															
P.G.L	93.895	93.793	93.780	93.783	93.787	93.790	93.794	93.797	93.801	93.805	93.808	93.812	93.815	93.819	93.823	93.826	93.830	93.833	93.837	93.841	93.844	93.848	93.851	93.855	93.858	93.862	93.866	93.883	93.982	94.064		
N.S.L	93.984	92.893	92.969	92.773	92.889	93.356	95.424	92.330	92.230	92.184	92.105	92.487	92.550	93.183	92.719	92.742	92.752	92.756	92.893	93.230	93.214	93.084	92.685	92.619	92.702	92.945	93.161	93.313	93.007	92.980		

DRAWING TITLE:
PLAN & PROFILE

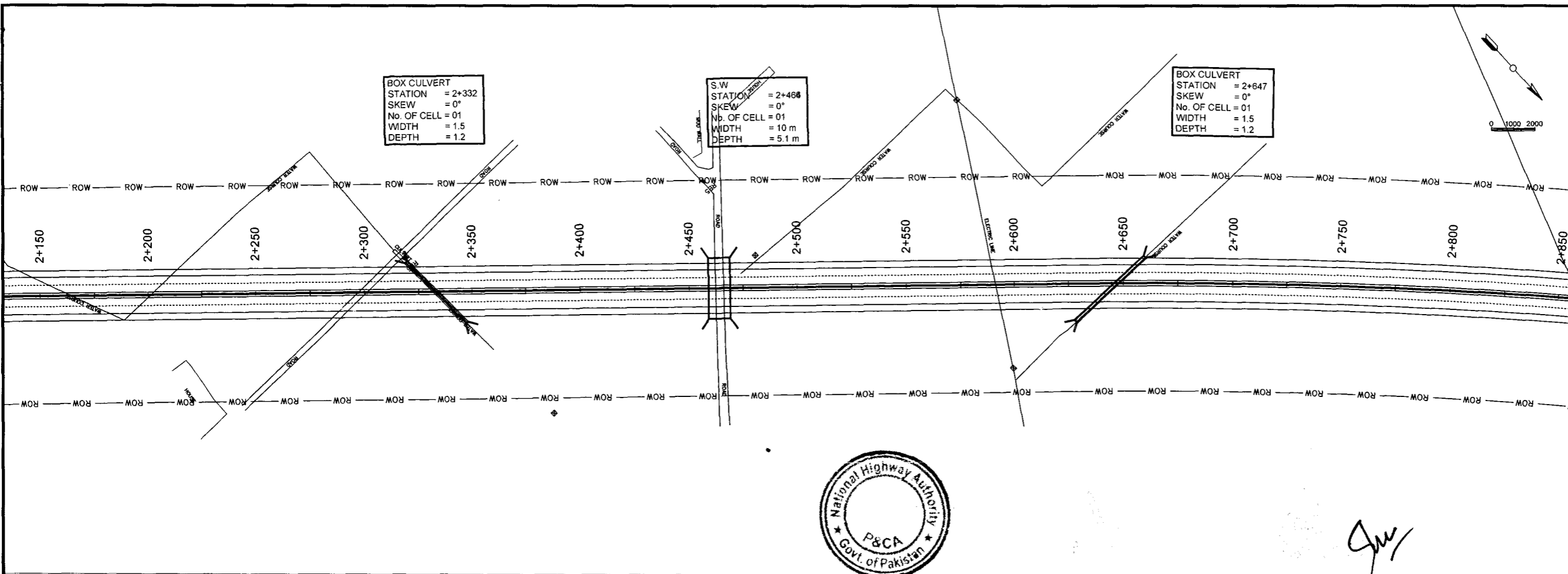
DESIGN BY: S.M	SHEET NO: 03 OF 92
DRAWN BY: S.M	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024.
APPROVED BY:	REVISION:

DWG NO:
CAREC/T-III/TD/001

BOX CULVERT
 STATION = 2+332
 SKEW = 0°
 No. OF CELL = 01
 WIDTH = 1.5
 DEPTH = 1.2

S.W. BOX CULVERT
 STATION = 2+468
 SKEW = 0°
 No. OF CELL = 01
 WIDTH = 10 m
 DEPTH = 5.1 m

BOX CULVERT
 STATION = 2+647
 SKEW = 0°
 No. OF CELL = 01
 WIDTH = 1.5
 DEPTH = 1.2



Jan

NOTES
 1- ALL DIMENSIONS ARE IN METERS.

LEGEND

REV.	REVISION/ISSUE	DATE

TENDER DRAWINGS

PROJECT:
 CONSTRUCTION OF RAJANPUR-DG KHAN SECTION OF N-55 AS 4-LANE HIGHWAY (121.50 Km)
 PACKAGE-1 (Km 0+000 TO Km 57+500)

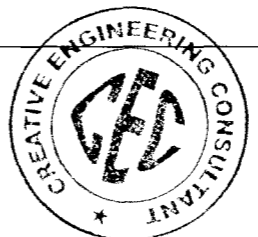
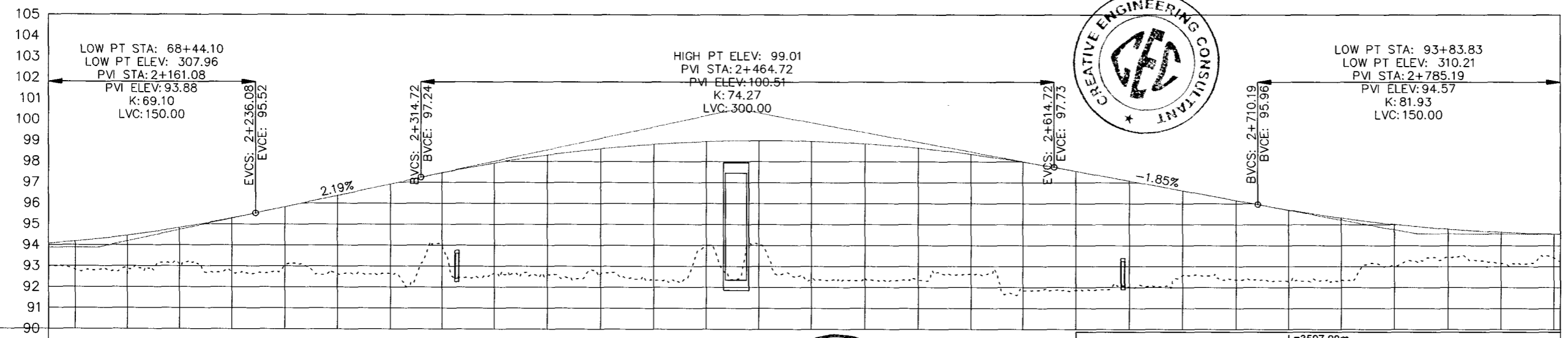
CLIENT:
 NATIONAL HIGHWAYS AUTHORITY (NHA)

CONSULTANTS:
 MINCONSULT. SDN BHD
 In Joint Venture With
 SAMAN CORPORATION
 SHELADIA ASSOCIATES
 CEC
 AAA
 ACE
 AA
 ACC

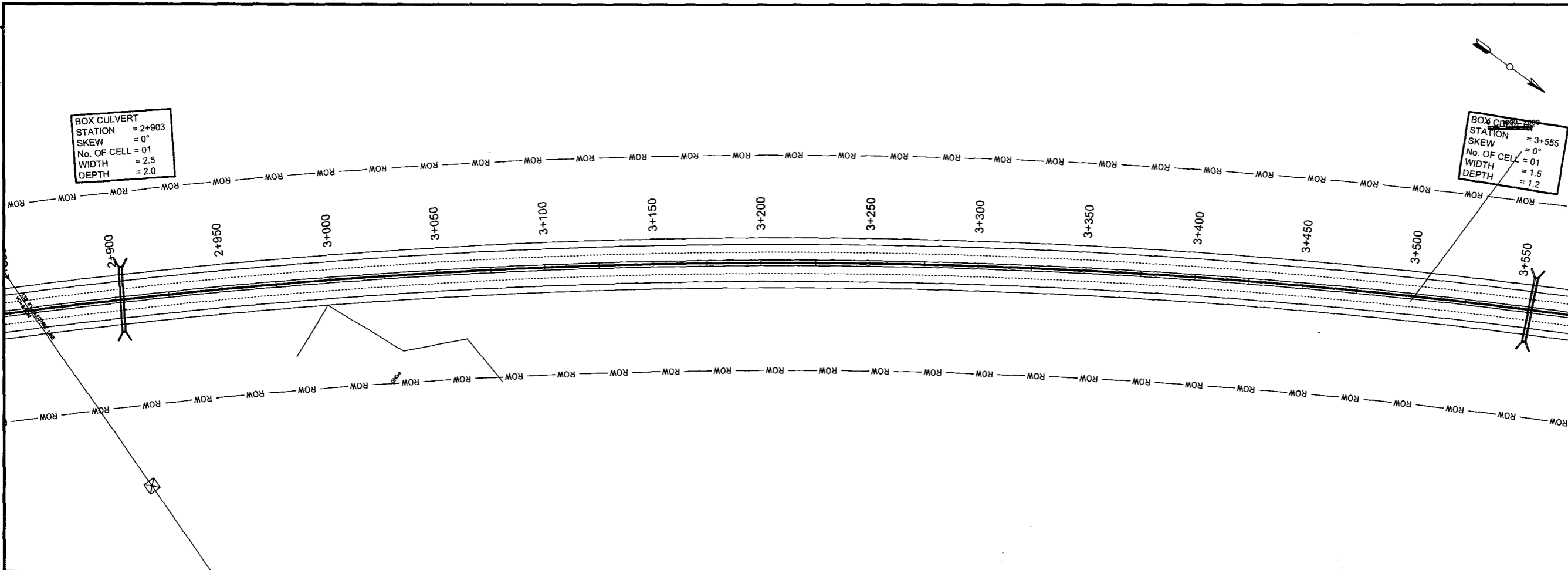
DRAWING TITLE:
 PLAN & PROFILE

DESIGN BY: S.M	SHEET NO: 04 OF 92
DRAWN BY: S.M	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024.
APPROVED BY:	REVISION:

DWG NO:
 CAREC/T-III/TD/001



Station	HCD	VCD	P.G.L	N.S.L	CH
2+137			94.064	92.960	2+137
2+150			94.172	92.818	2+150
2+175			94.452	92.865	2+175
2+200			94.823	93.095	2+200
2+225			95.284	92.728	2+225
2+250			95.821	93.033	2+250
2+275			96.367	92.640	2+275
2+300			96.914	92.658	2+300
2+325			97.453	93.916	2+325
2+350			97.922	92.631	2+350
2+375			98.308	92.584	2+375
2+400			98.609	92.634	2+400
2+425			98.826	92.322	2+425
2+450			98.959	93.981	2+450
2+475			99.008	94.062	2+475
2+500			98.914	92.345	2+500
2+525			98.854	92.339	2+525
2+550			98.649	92.337	2+550
2+575			98.362	92.643	2+575
2+600			97.990	91.839	2+600
2+625			97.541	91.857	2+625
2+650			97.077	92.008	2+650
2+675			96.613	92.567	2+675
2+700			96.150	92.343	2+700
2+725			95.700	92.283	2+725
2+750			95.319	92.300	2+750
2+775			95.015	93.039	2+775
2+800			94.788	93.449	2+800
2+825			94.636	93.136	2+825
2+850			94.561	93.414	2+850



NOTES
1:- ALL DIMENSIONS ARE IN METERS.

LEGEND

REV.	REVISION/ISSUE	DATE

PROJECT:
CONSTRUCTION OF RAJANPUR-DG KHAN SECTION OF N-55 AS 4-LANE HIGHWAY (121.50 Km)
PACKAGE-1 (Km 0+000 TO Km 57+500)

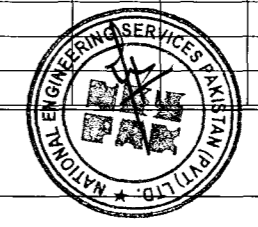
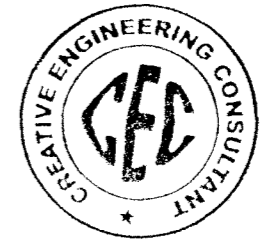
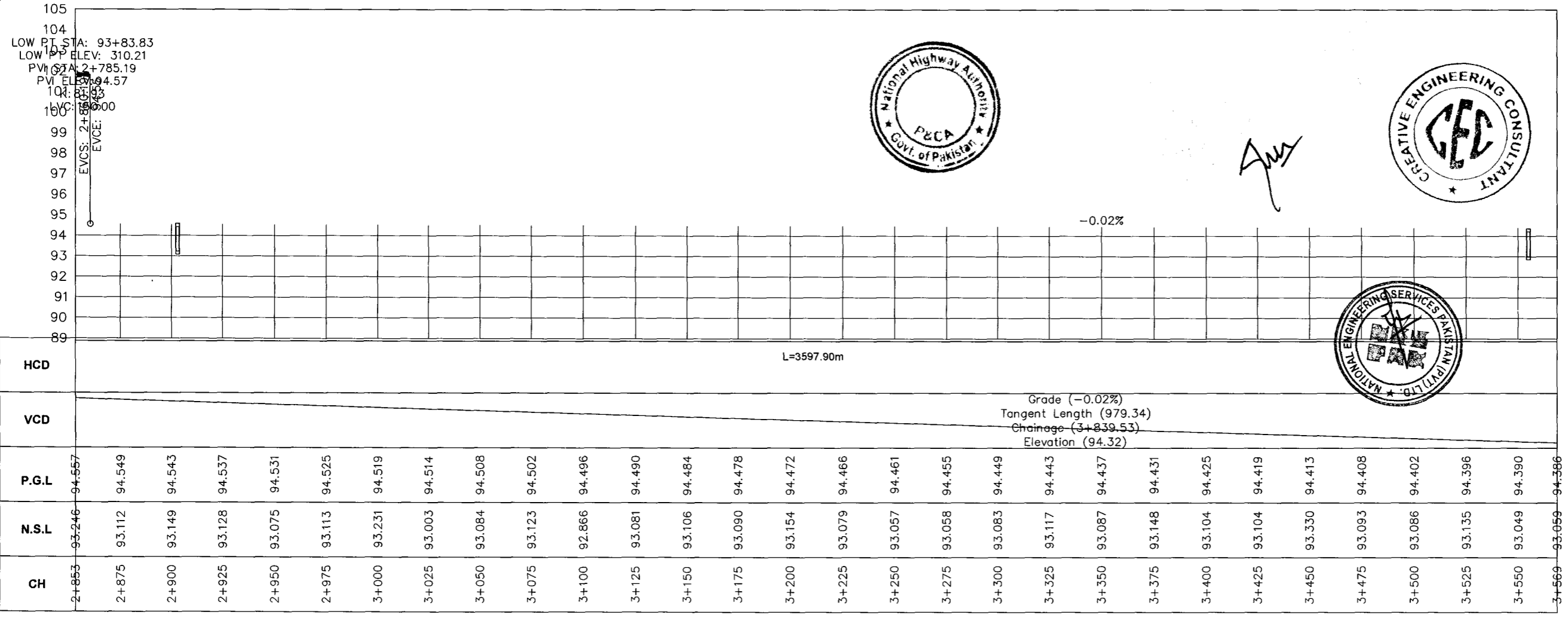
CLIENT:
NATIONAL HIGHWAYS AUTHORITY (NHA)

- CONSULTANTS:**
- MINCONSULT SDN BHD
In Joint Venture With
 - SAMAN CORPORATION
 - SHELADIA ASSOCIATES
 - CEC
 - AAA
 - ACE
 - AA
 - ACC

DRAWING TITLE:
PLAN & PROFILE

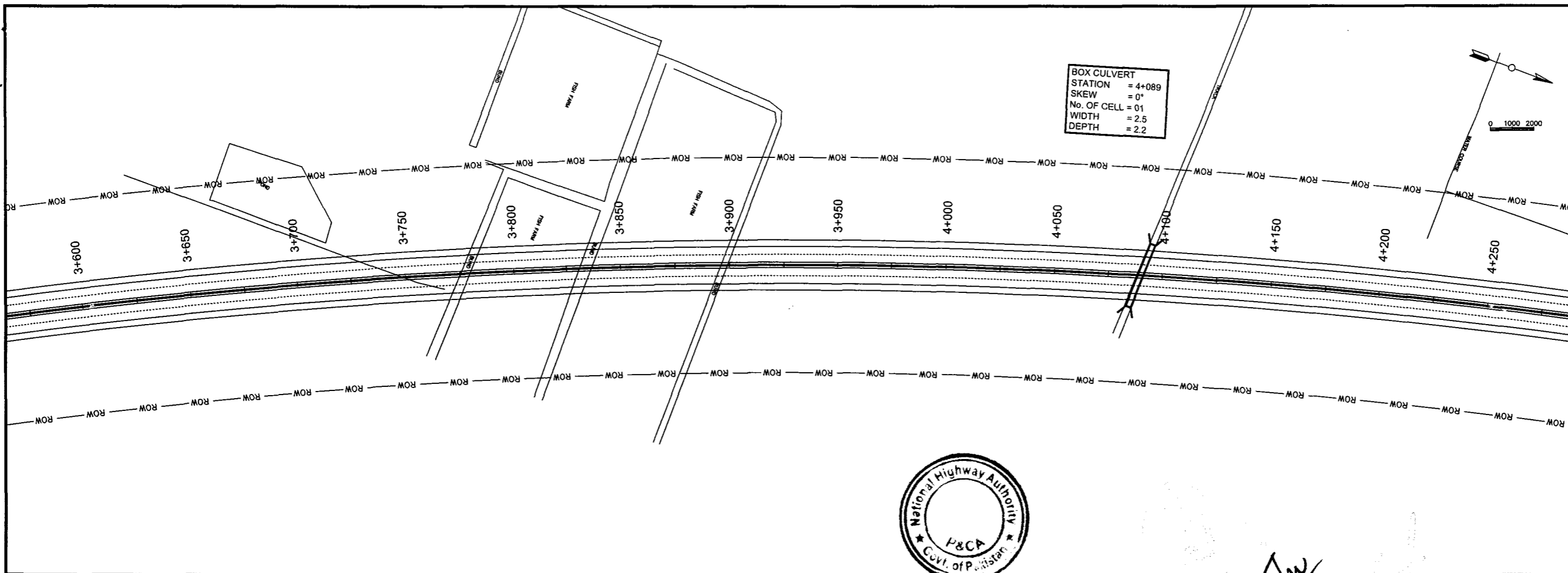
DESIGN BY: S.M	SHEET NO: 05 OF 92
DRAWN BY: S.M	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024.
APPROVED BY:	REVISION:

DWG NO:
CAREC/T-III/TD/001



Handwritten signature

Station	CH	N.S.L	P.G.L	VCD	HCD
2+853	2+853	93.246	94.557		
2+875	2+875	93.112	94.549		
2+900	2+900	93.149	94.543		
2+925	2+925	93.128	94.537		
2+950	2+950	93.075	94.531		
2+975	2+975	93.113	94.525		
3+000	3+000	93.231	94.519		
3+025	3+025	93.003	94.514		
3+050	3+050	93.084	94.508		
3+075	3+075	93.123	94.502		
3+100	3+100	92.866	94.496		
3+125	3+125	93.081	94.490		
3+150	3+150	93.106	94.484		
3+175	3+175	93.090	94.478		
3+200	3+200	93.154	94.472		
3+225	3+225	93.079	94.466		
3+250	3+250	93.057	94.461		
3+275	3+275	93.058	94.455		
3+300	3+300	93.083	94.449		
3+325	3+325	93.117	94.443		
3+350	3+350	93.087	94.437		
3+375	3+375	93.148	94.431		
3+400	3+400	93.104	94.425		
3+425	3+425	93.104	94.419		
3+450	3+450	93.330	94.413		
3+475	3+475	93.093	94.408		
3+500	3+500	93.086	94.402		
3+525	3+525	93.135	94.396		
3+550	3+550	93.049	94.390		
3+569	3+569	93.059	94.386		



JW

NOTES
1:- ALL DIMENSIONS ARE IN METERS.

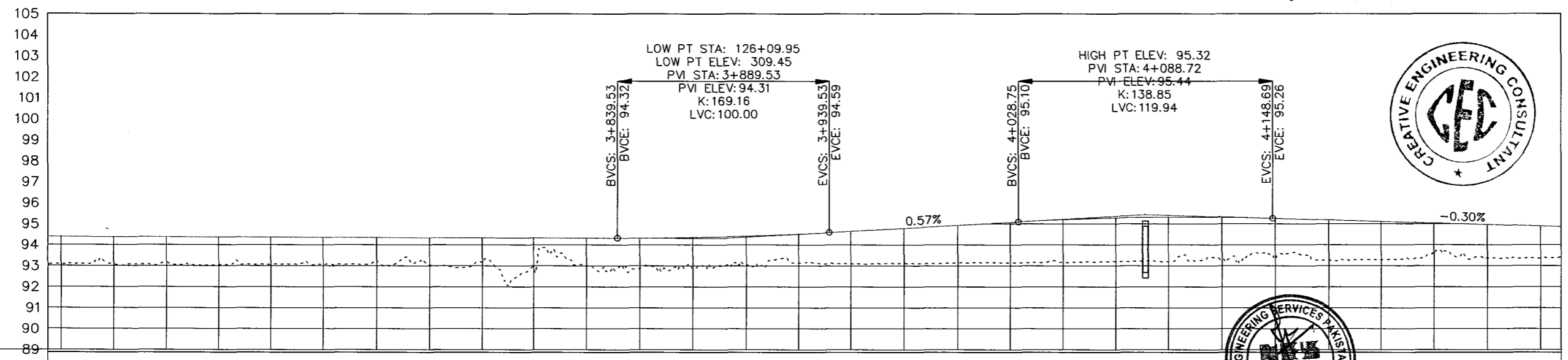
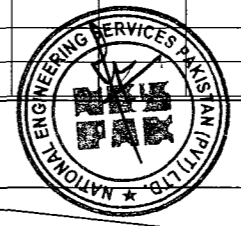
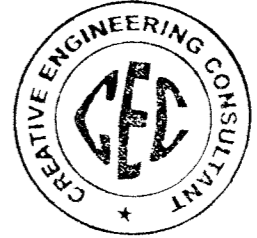
LEGEND

REV.	REVISION/ISSUE	DATE

PROJECT:
CONSTRUCTION OF RAJANPUR-DG KHAN SECTION OF N-55 AS 4-LANE HIGHWAY (121.50 Km)
PACKAGE-1 (Km 0+000 TO Km 57+500)

CLIENT:
NATIONAL HIGHWAYS AUTHORITY (NHA)

- CONSULTANTS:**
- MINCONSULT SDN BHD In Joint Venture With
 - SAMAN CORPORATION
 - SHELADIA ASSOCIATES
 - CEC
 - AAA
 - ACE
 - AA
 - ACC



CH	P.G.L	N.S.L
3+569	94.366	93.059
3+575	94.384	93.102
3+600	94.378	93.059
3+625	94.372	93.172
3+650	94.366	93.044
3+675	94.361	93.048
3+700	94.355	93.040
3+725	94.349	93.227
3+750	94.343	93.036
3+775	94.337	93.126
3+800	94.331	92.817
3+825	94.325	92.992
3+850	94.323	92.885
3+875	94.351	92.895
3+900	94.416	93.049
3+925	94.518	93.131
3+950	94.653	93.099
3+975	94.795	93.121
4+000	94.937	93.139
4+025	95.079	93.139
4+050	95.205	93.157
4+075	95.286	93.199
4+100	95.322	93.201
4+125	95.313	93.335
4+150	95.259	93.398
4+175	95.185	93.259
4+200	95.111	93.292
4+225	95.037	93.700
4+250	94.963	93.364
4+275	94.889	93.366
4+285	94.861	93.413

DRAWING TITLE:
PLAN & PROFILE

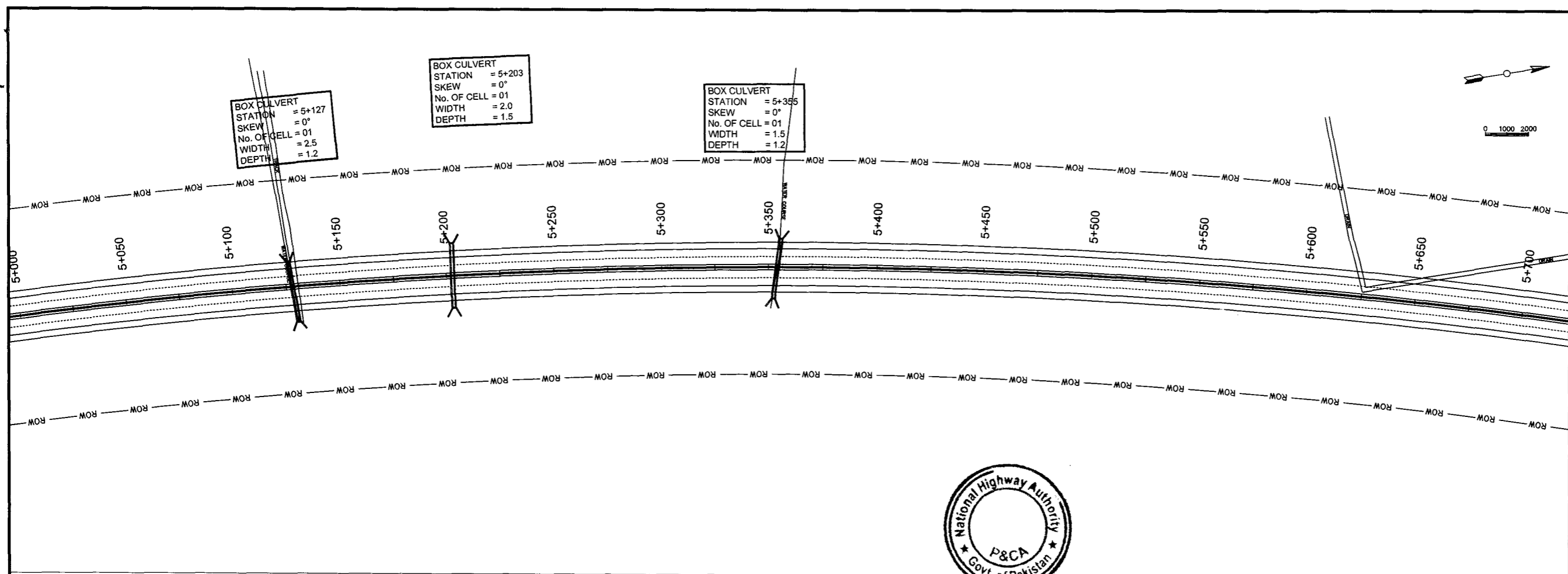
DESIGN BY: S.M
SHEET NO: 06 OF 92

DRAWN BY: S.M
SCALE: H = 1:2000
V = 1:100

CHECKED BY: A.S
DATE: APRIL, 2024.

APPROVED BY: **REVISION:**

DWG NO:
CAREC/T-III/TD/001



BOX CULVERT
STATION = 5+203
SKEW = 0°
No. OF CELL = 01
WIDTH = 2.0
DEPTH = 1.5

BOX CULVERT
STATION = 5+127
SKEW = 0°
No. OF CELL = 01
WIDTH = 2.5
DEPTH = 1.2

BOX CULVERT
STATION = 5+355
SKEW = 0°
No. OF CELL = 01
WIDTH = 1.5
DEPTH = 1.2



NOTES
1:- ALL DIMENSIONS ARE IN METERS.

LEGEND

REV.	REVISION/ISSUE	DATE

PROJECT:
CONSTRUCTION OF RAJANPUR-DG KHAN
SECTION OF N-55 AS 4-LANE HIGHWAY
(121.50 Km)
PACKAGE-1
(Km 0+000 TO Km 57+500)

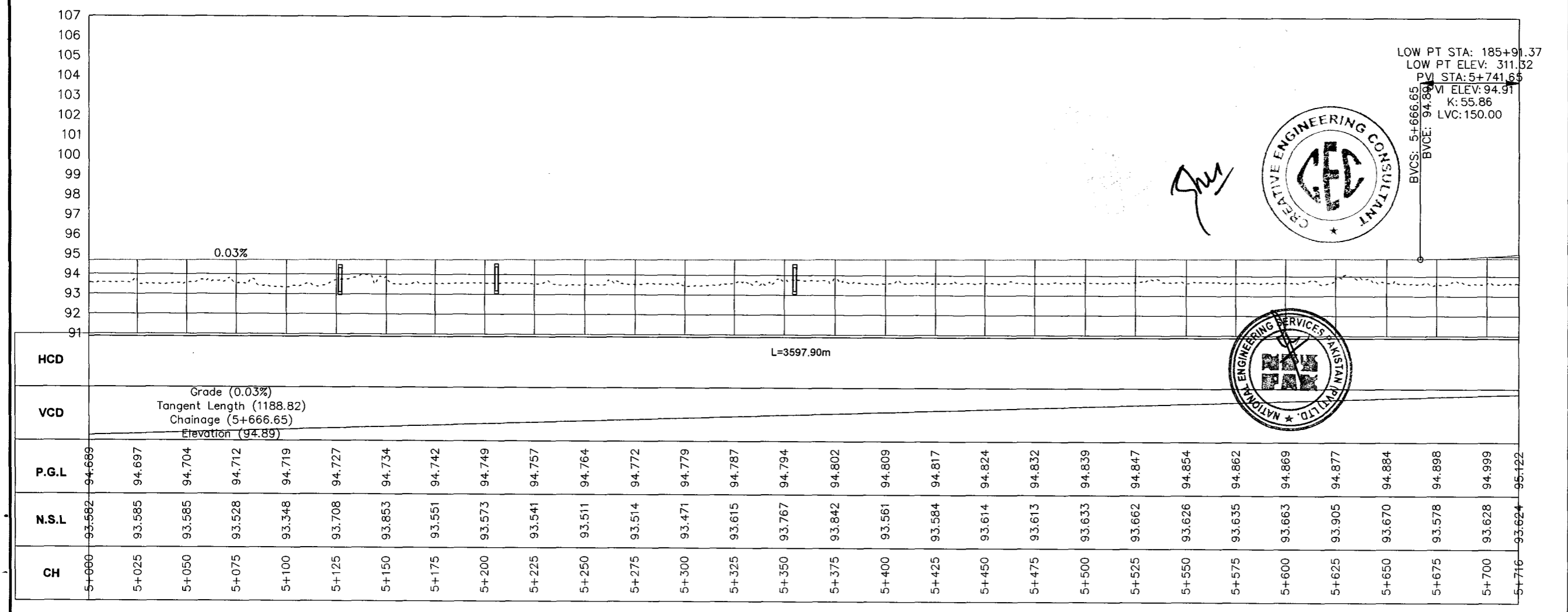
CLIENT:
NATIONAL HIGHWAYS
AUTHORITY (NHA)

- CONSULTANTS:**
- MINCONSULT SDN BHD
In Joint Venture With
 - SAMAN CORPORATION
 - SHELADIA ASSOCIATES
 - CEC
 - AAA
 - ACB
 - AA
 - ACC

DRAWING TITLE:
PLAN & PROFILE

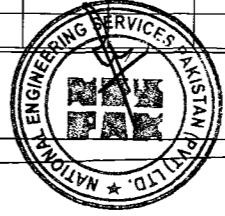
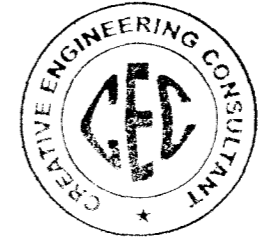
DESIGN BY: S.M	SHEET NO: 08 OF 92
DRAWN BY: S.M	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024.
APPROVED BY:	REVISION:

DWG NO:
CAREC/T-III/TD/001

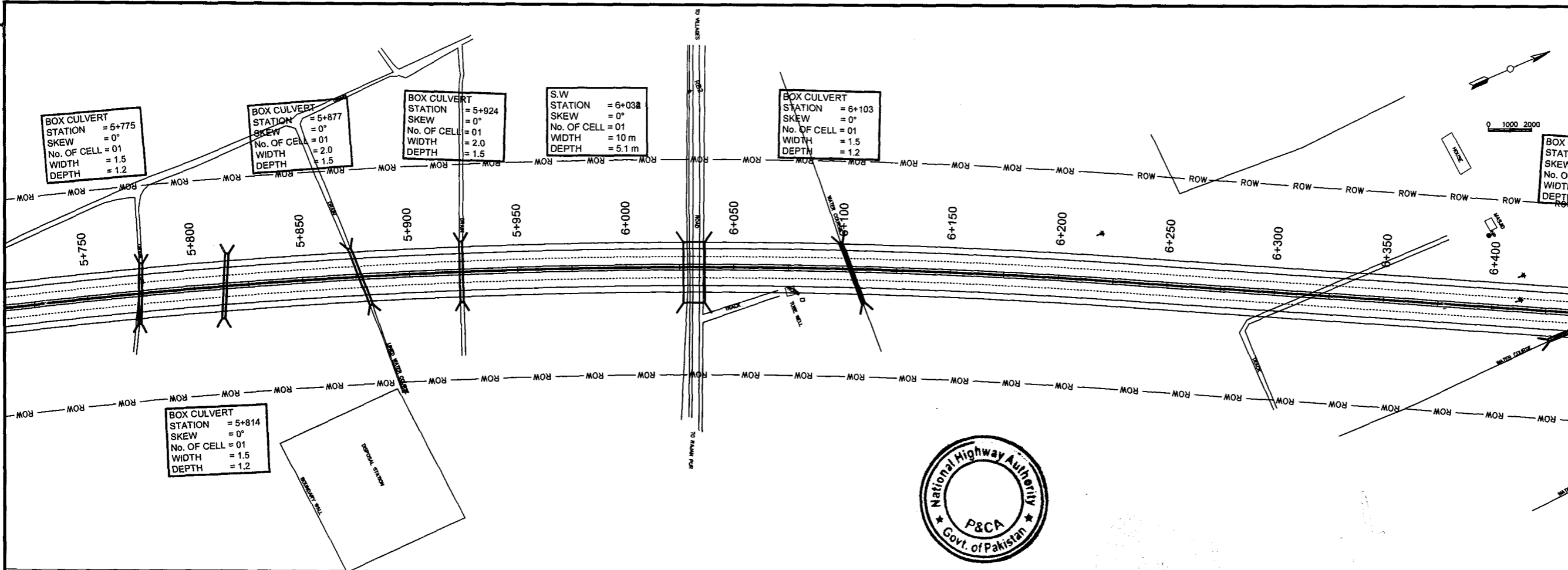


LOW PT STA: 185+91.37
LOW PT ELEV: 311.32
P.V. STA: 5+741.65
VI ELEV: 94.91
K: 55.86
LVC: 150.00

BVCS: 5+666.65
BYCE: 94.89



CH	N.S.L	P.G.L	HCD	VCD
5+000	93.582	94.689	L=3597.90m	Grade (0.03%) Tangent Length (1188.82) Chainage (5+666.65) Elevation (94.89)
5+025	93.585	94.697		
5+050	93.585	94.704		
5+075	93.528	94.712		
5+100	93.348	94.719		
5+125	93.708	94.727		
5+150	93.853	94.734		
5+175	93.551	94.742		
5+200	93.573	94.749		
5+225	93.541	94.757		
5+250	93.511	94.764		
5+275	93.514	94.772		
5+300	93.471	94.779		
5+325	93.615	94.787		
5+350	93.767	94.794		
5+375	93.842	94.802		
5+400	93.561	94.809		
5+425	93.584	94.817		
5+450	93.614	94.824		
5+475	93.613	94.832		
5+500	93.633	94.839		
5+525	93.662	94.847		
5+550	93.626	94.854		
5+575	93.635	94.862		
5+600	93.663	94.869		
5+625	93.905	94.877		
5+650	93.670	94.884		
5+675	93.578	94.898		
5+700	93.628	94.999		
5+716	93.624	95.122		



NOTES
1- ALL DIMENSIONS ARE IN METERS.

LEGEND

REV.	REVISION/ISSUE	DATE

PROJECT:
CONSTRUCTION OF RAJANPUR-DG KHAN SECTION OF N-55 AS 4-LANE HIGHWAY (121.50 Km)
PACKAGE-1 (Km 0+000 TO Km 57+500)

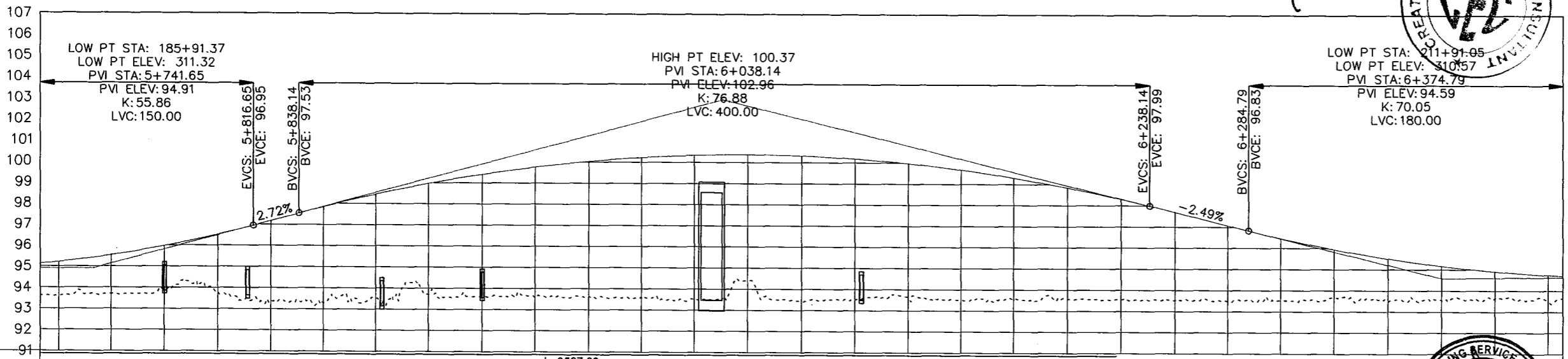
CLIENT:
NATIONAL HIGHWAYS AUTHORITY (NHA)

- CONSULTANTS:**
- MINCONSULT. SDN BHD In Joint Venture With
 - SAMAN CORPORATION
 - SHELADIA ASSOCIATES
 - CEC
 - AAA
 - ACE
 - AA
 - ACC

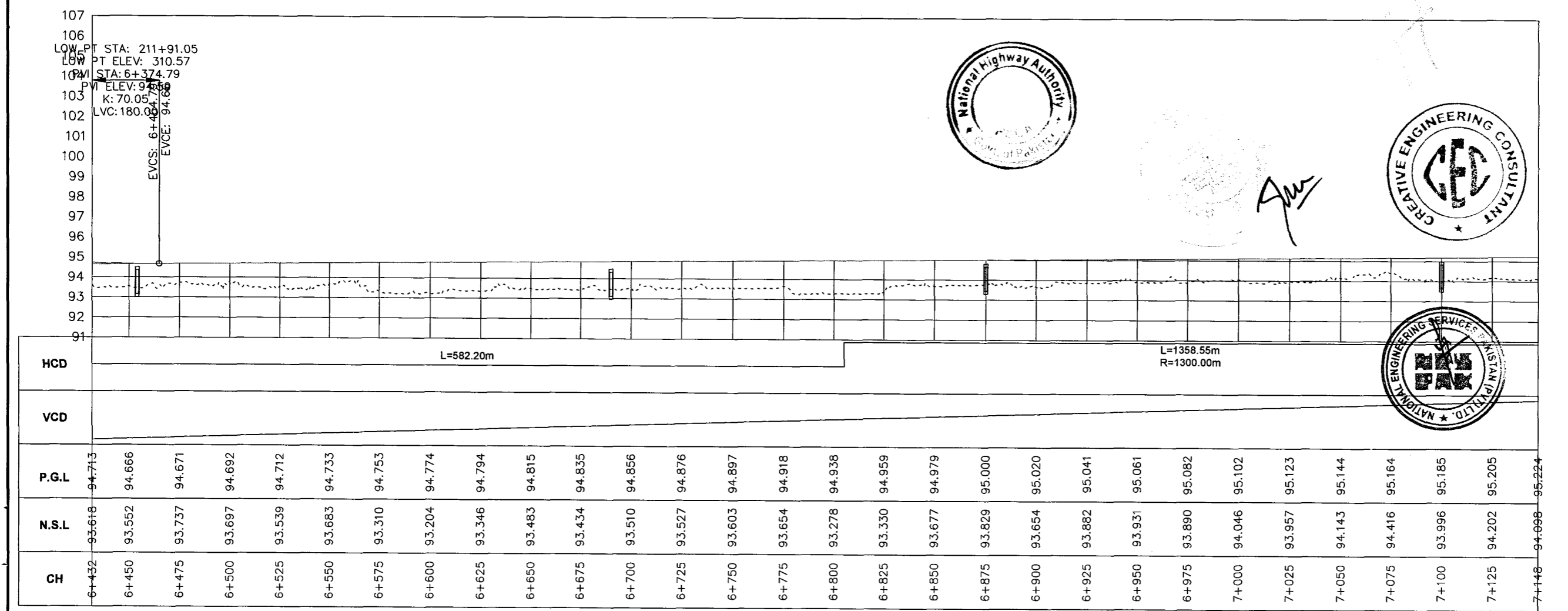
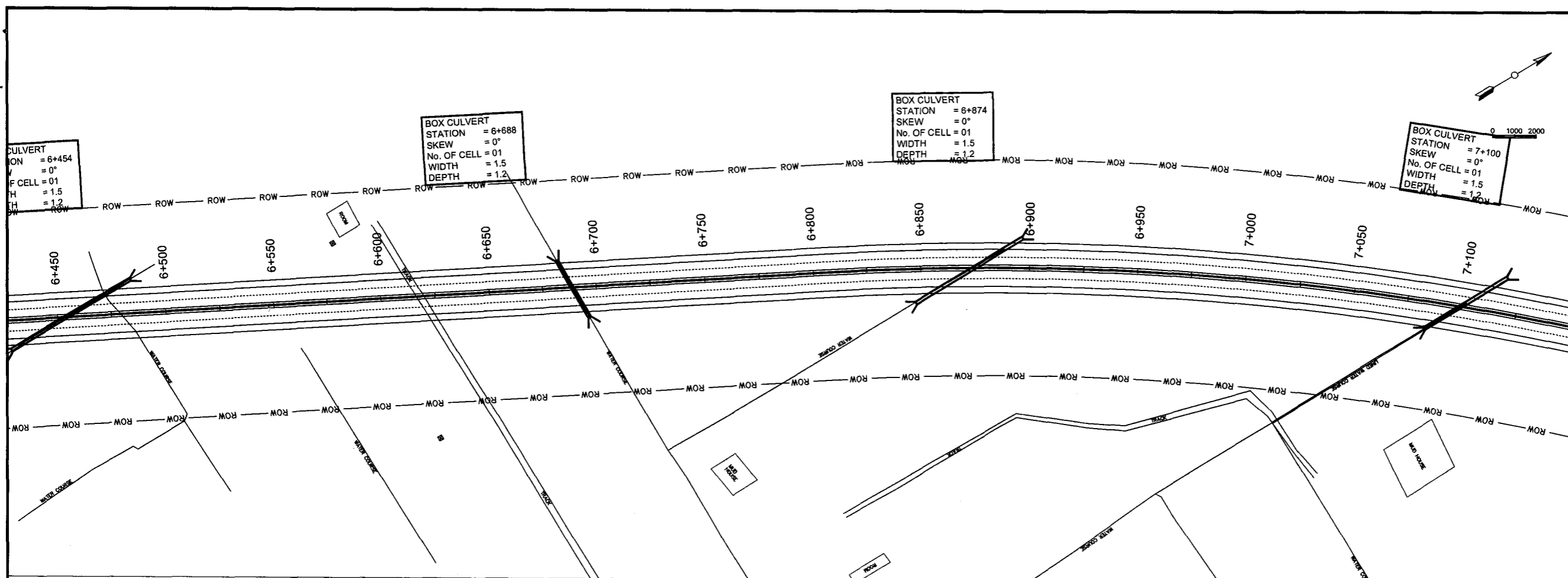
DRAWING TITLE:
PLAN & PROFILE

DESIGN BY: S.M	SHEET NO: 09 OF 92
DRAWN BY: S.M	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024.
APPROVED BY:	REVISION:

DWG NO:
CAREC/T-III/TD/001



HCD	L=3597.90m R=2700.00m																				L=582.20m										
VCD	Grade (2.72%) Tangent Length (21.49) Chainage (5+838.14) Elevation (97.53)										Grade (-2.49%) Tangent Length (46.65) Chainage (6+284.79) Elevation (96.83)																				
P.G.L	95.122	95.211	95.536	95.972	96.521	97.175	97.844	98.444	98.962	99.399	99.755	100.030	100.223	100.335	100.365	100.315	100.183	99.969	99.675	99.299	98.842	98.303	97.693	97.071	96.465	95.943	95.509	95.164	94.909	94.743	94.713
N.S.L	93.624	93.625	93.689	93.853	93.818	93.365	93.299	93.497	93.700	93.599	93.625	93.611	93.570	93.476	94.401	93.409	93.508	93.643	93.495	93.558	93.551	93.547	93.525	93.468	93.513	93.680	93.482	93.520	93.667	93.490	93.618
CH	5+716	5+725	5+750	5+775	5+800	5+825	5+850	5+875	5+900	5+925	5+950	5+975	6+000	6+025	6+050	6+075	6+100	6+125	6+150	6+175	6+200	6+225	6+250	6+275	6+300	6+325	6+350	6+375	6+400	6+425	6+432



NOTES
1:- ALL DIMENSIONS ARE IN METERS.

LEGEND

REV.	REVISION/ISSUE	DATE

TENDER DRAWINGS

PROJECT:
CONSTRUCTION OF RAJANPUR-DG KHAN SECTION OF N-55 AS 4-LANE HIGHWAY (121.50 Km) PACKAGE-1 (Km 0+000 TO Km 57+500)

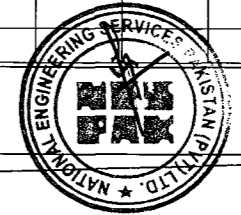
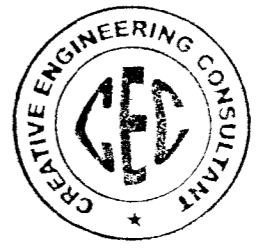
CLIENT:
NATIONAL HIGHWAYS AUTHORITY (NHA)

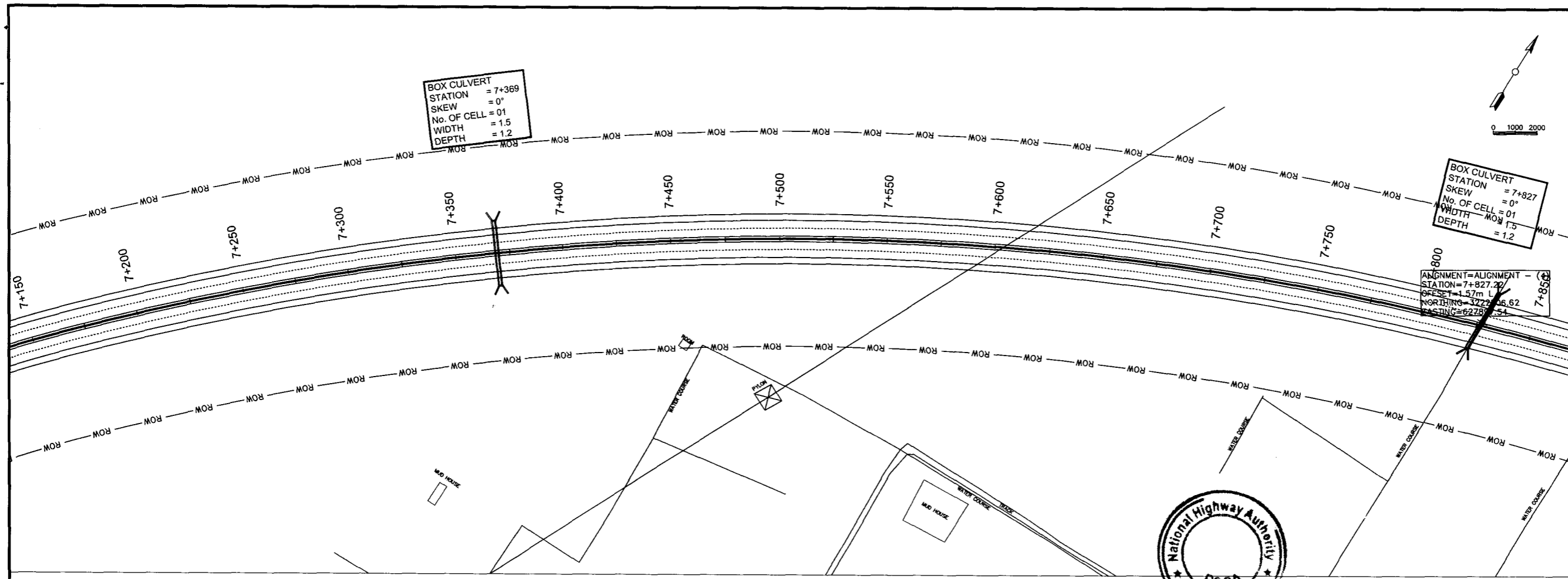
CONSULTANTS:
MINCONSULT. SDN BHD
In Joint Venture With
SAMAN CORPORATION
SHELADIA ASSOCIATES
CEC
AAA
ACE
AA
ACC

DRAWING TITLE:
PLAN & PROFILE

DESIGN BY: S.M	SHEET NO: 10 OF 92
DRAWN BY: S.M	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024.
APPROVED BY:	REVISION:

DWG NO:
CAREC/T-III/TD/001

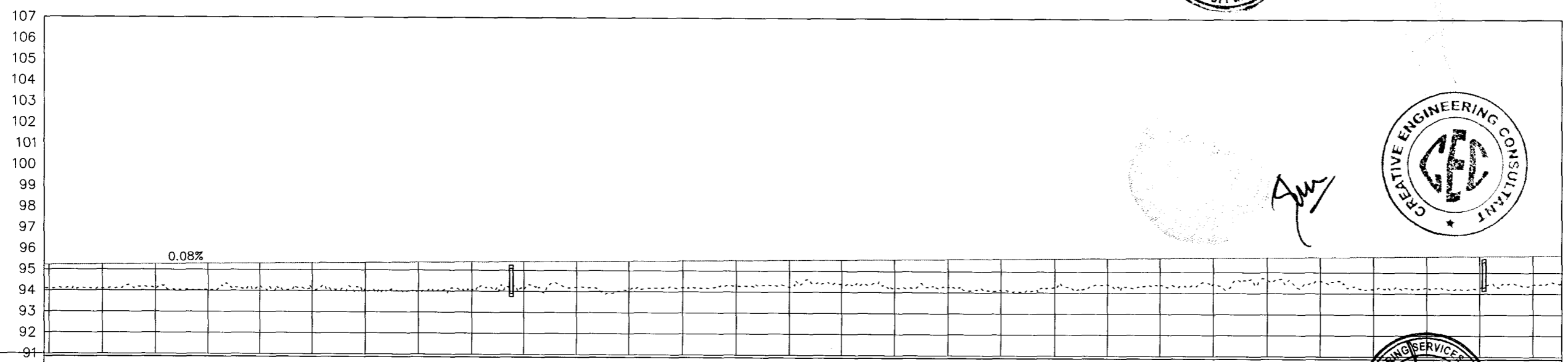
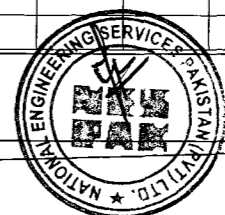
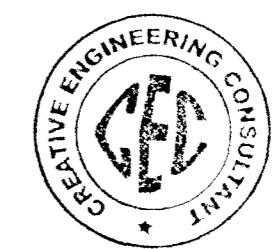




BOX CULVERT
 STATION = 7+369
 SKEW = 0°
 No. OF CELL = 01
 WIDTH = 1.5
 DEPTH = 1.2

BOX CULVERT
 STATION = 7+827
 SKEW = 0°
 No. OF CELL = 01
 WIDTH = 1.5
 DEPTH = 1.2

ALIGNMENT = ALIGNMENT -
 STATION = 7+827.27
 OFFSET = 1.57m L 06.62
 NORTHING = 3223.66.62
 EASTING = 6228.54



CH	7+150	7+175	7+200	7+225	7+250	7+275	7+300	7+325	7+350	7+375	7+400	7+425	7+450	7+475	7+500	7+525	7+550	7+575	7+600	7+625	7+650	7+675	7+700	7+725	7+750	7+775	7+800	7+825	7+850	7+863		
HCD	L=1358.55m																															
VCD	Grade (0.08%) Tangent Length (1499.03) Chainage (7+963.82) Elevation (95.89)																															
P.G.L	95.226	95.246	95.267	95.287	95.308	95.328	95.349	95.370	95.390	95.411	95.431	95.452	95.472	95.493	95.513	95.534	95.554	95.575	95.596	95.616	95.637	95.657	95.678	95.698	95.719	95.739	95.760	95.780	95.801	95.812		
N.S.L	94.988	94.096	94.089	94.014	94.239	94.119	93.983	93.991	94.037	94.064	94.203	94.108	94.190	94.290	94.230	94.393	94.194	94.256	94.091	94.220	94.400	94.353	94.436	94.633	94.580	94.196	94.341	94.290	94.414	94.510		

NOTES
 1:- ALL DIMENSIONS ARE IN METERS.

LEGEND

REV.	REVISION/ISSUE	DATE

TENDER DRAWINGS

PROJECT:
 CONSTRUCTION OF RAJANPUR-DG KHAN SECTION OF N-55 AS 4-LANE HIGHWAY (121.50 Km)
 PACKAGE-1 (Km 0+000 TO Km 57+500)

CLIENT:
 NATIONAL HIGHWAYS AUTHORITY (NHA)

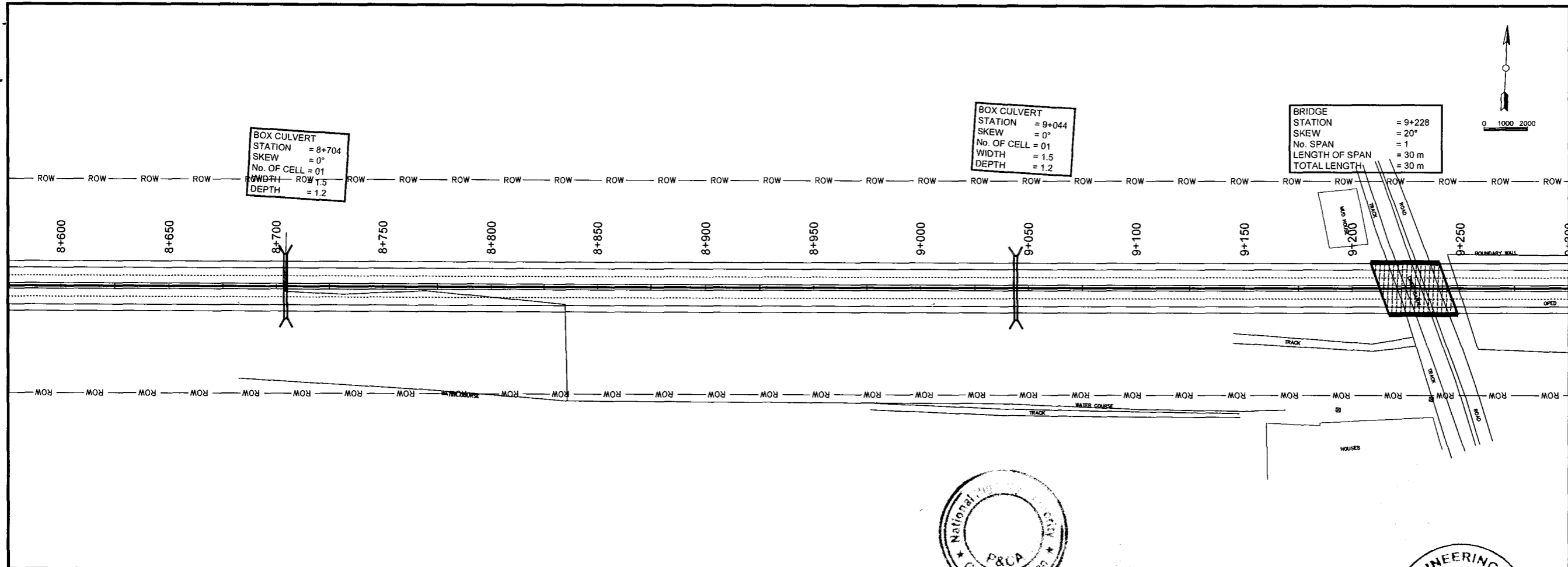
CONSULTANTS:

- MINCONSULT SDN BHD In Joint Venture With SAMAN CORPORATION
- SAMAN CORPORATION
- SHELADIA ASSOCIATES
- CEC
- AAA
- ACE
- AA
- ACC

DRAWING TITLE:
 PLAN & PROFILE

DESIGN BY:	SHEET NO:
S.M	11 OF 92
DRAWN BY:	SCALE:
S.M	H = 1:2000 V = 1:100
CHECKED BY:	DATE:
A.S	APRIL, 2024.
APPROVED BY:	REVISION:

DWG NO: CAREC/T-III/TD/001



NOTES
1:- ALL DIMENSIONS ARE IN METERS.

LEGEND

REV.	REVISION/ISSUE	DATE

PROJECT:
CONSTRUCTION OF RAJANPUR-DG KHAN SECTION OF N-55 AS 4-LANE HIGHWAY (121.50 Km)
PACKAGE-1
(Km 0+000 TO Km 57+500)

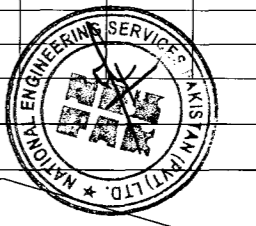
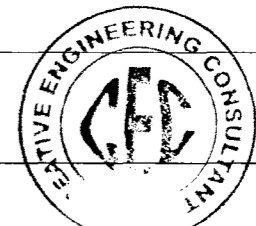
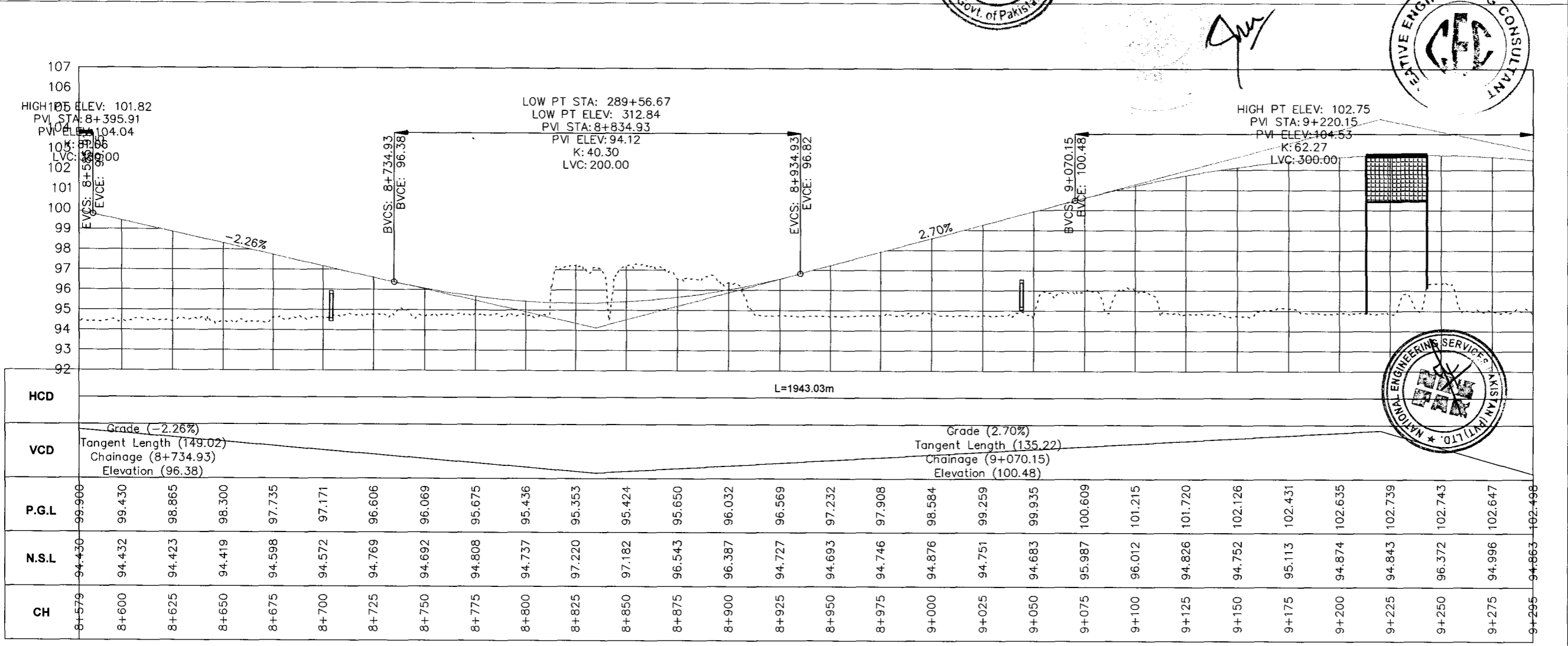
CLIENT:
NATIONAL HIGHWAYS AUTHORITY (NHA)

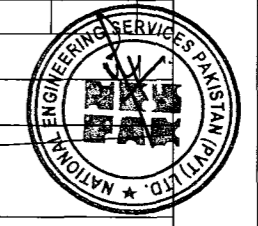
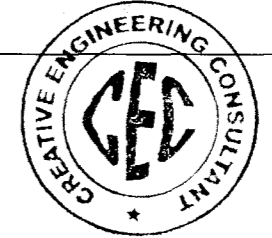
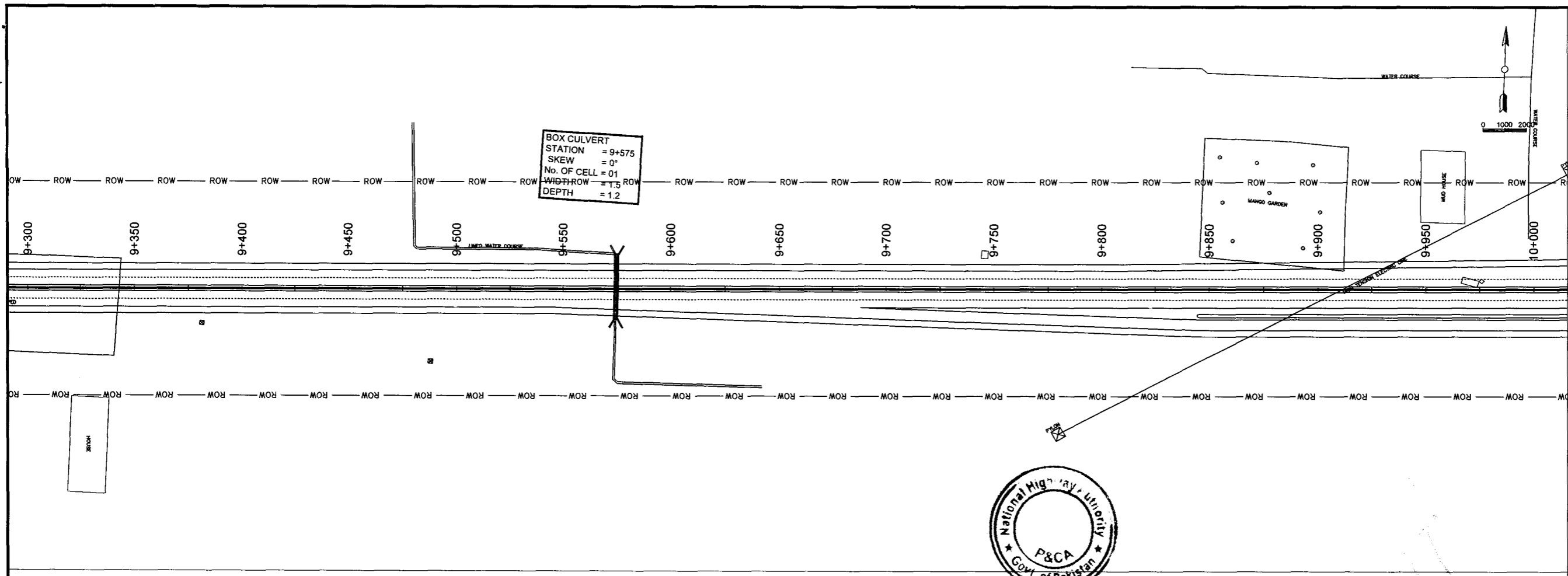
- CONSULTANTS:**
- MINCONSULT SDN BHD
In Joint Venture With
 - SAMAN CORPORATION
 - SHELADIA ASSOCIATES
 - CEC
 - AAA
 - ACE
 - AA
 - ACC

DRAWING TITLE:
PLAN & PROFILE

DESIGN BY: S.M	SHEET NO: 13 OF 92
DRAWN BY: S.M	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024.
APPROVED BY:	REVISION:

DWG NO:
CAREC/T-III/TD/001





NOTES
1:- ALL DIMENSIONS ARE IN METERS.

LEGEND

REV.	REVISION/ISSUE	DATE

TENDER DRAWINGS

PROJECT:
CONSTRUCTION OF RAJANPUR-DG KHAN SECTION OF N-55 AS 4-LANE HIGHWAY (121.50 Km)
PACKAGE-1 (Km 0+000 TO Km 57+500)

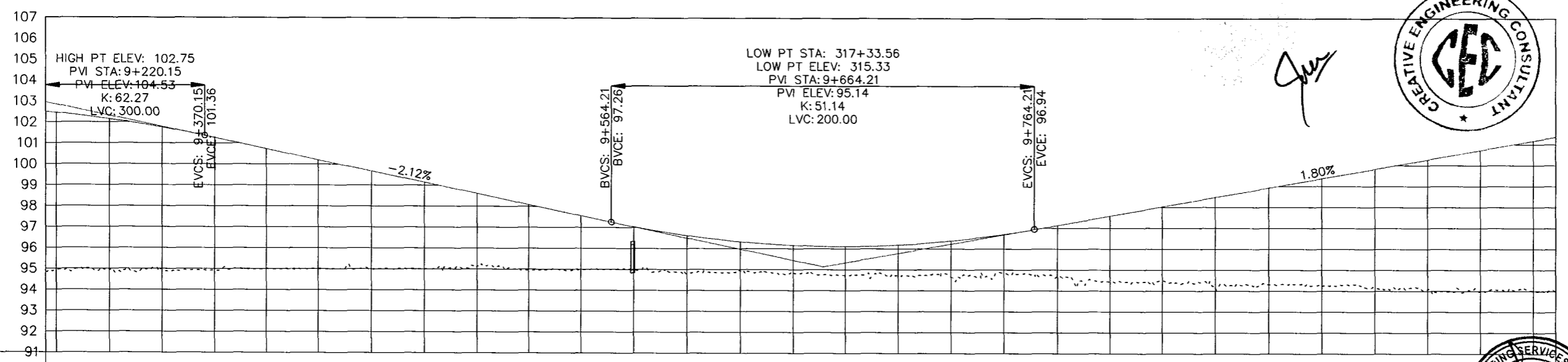
CLIENT:
NATIONAL HIGHWAYS AUTHORITY (NHA)

CONSULTANTS:
MINCONSULT SDN BHD
SAMAN CORPORATION
SHELADIA ASSOCIATES
CEC
AAA
ACE
AA
ACC

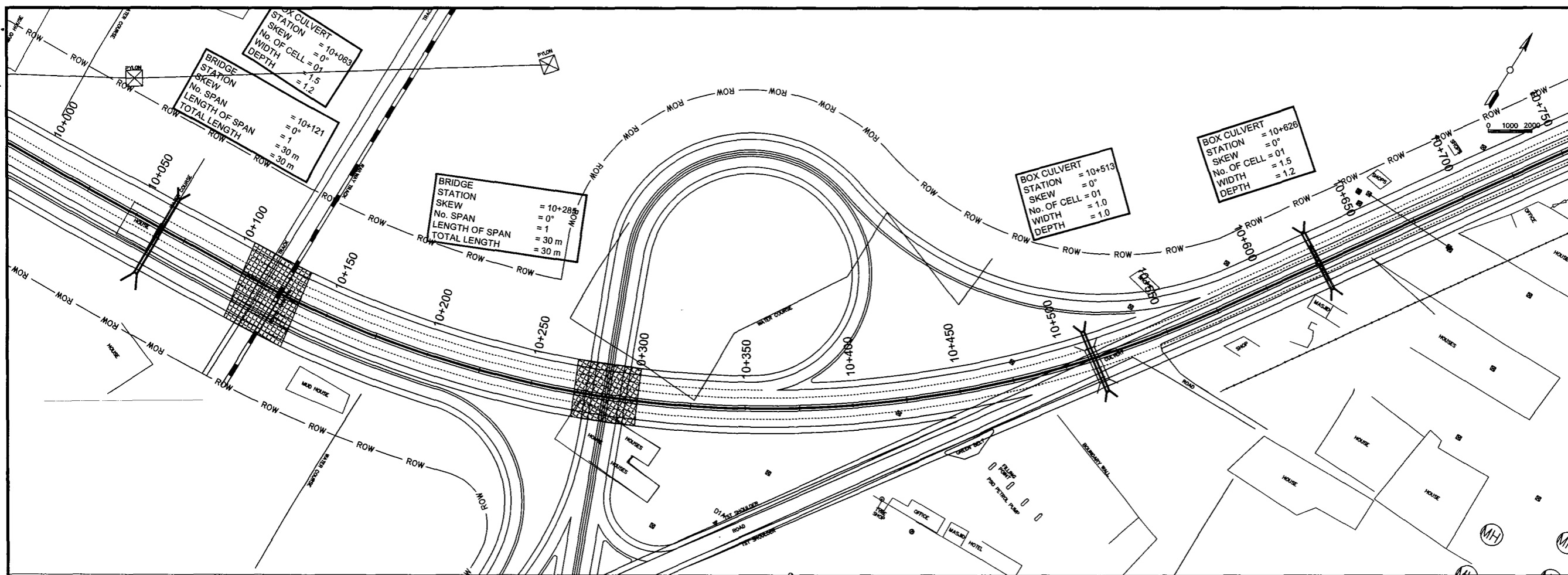
DRAWING TITLE:
PLAN & PROFILE

DESIGN BY: S.M	SHEET NO: 14 OF 92
DRAWN BY: S.M	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024.
APPROVED BY:	REVISION:

DWG NO:
CAREC/T-III/14/001



Station	P.G.L	N.S.L	CH
9+295	102.498	94.863	9+295
9+300	102.450	94.894	9+300
9+325	102.152	94.949	9+325
9+350	101.755	94.960	9+350
9+375	101.258	94.921	9+375
9+400	100.730	95.009	9+400
9+425	100.201	95.021	9+425
9+450	99.672	95.005	9+450
9+475	99.143	95.001	9+475
9+500	98.614	95.135	9+500
9+525	98.085	94.936	9+525
9+550	97.557	94.937	9+550
9+575	97.039	94.982	9+575
9+600	96.624	94.828	9+600
9+625	96.332	94.927	9+625
9+650	96.161	94.843	9+650
9+675	96.113	94.733	9+675
9+700	96.187	94.714	9+700
9+725	96.383	94.665	9+725
9+750	96.701	94.840	9+750
9+775	97.130	94.703	9+775
9+800	97.579	94.463	9+800
9+825	98.028	94.498	9+825
9+850	98.476	94.154	9+850
9+875	98.925	94.312	9+875
9+900	99.374	94.209	9+900
9+925	99.823	94.173	9+925
9+950	100.272	94.083	9+950
9+975	100.721	94.016	9+975
10+000	101.169	94.039	10+000
10+011	101.366	94.009	10+011



NOTES
1- ALL DIMENSIONS ARE IN METERS.

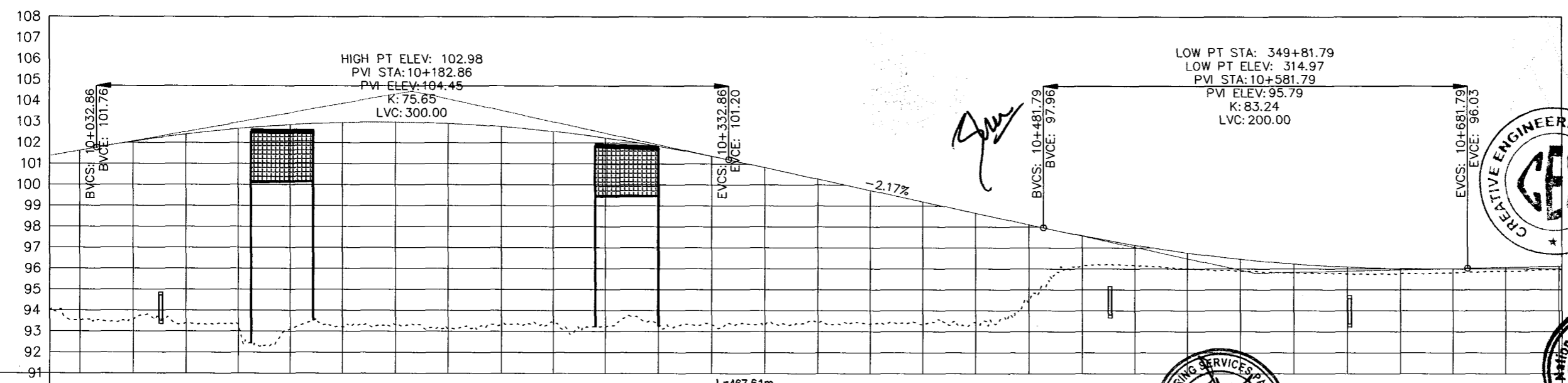
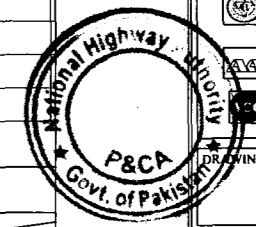
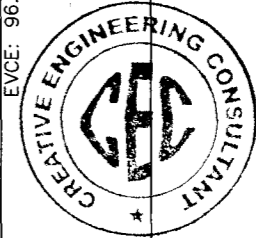
LEGEND

REV.	REVISION/ISSUE	DATE

PROJECT:
CONSTRUCTION OF RAJANPUR-DG KHAN SECTION OF N-55 AS 4-LANE HIGHWAY (121.50 Km)
PACKAGE-1 (Km 0+000 TO Km 57+500)

CLIENT:
NATIONAL HIGHWAYS AUTHORITY (NHA)

- CONSULTANTS:**
- MINCONSULT. SDN BHD In Joint Venture With
 - SAMAN CORPORATION
 - SHELADIA ASSOCIATES
 - CEC
 - AAA
 - ACE
 - AA
 - ACC

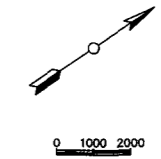


Station	CH	N.S.L	P.G.L	VCD	HCD
10+011	94.009	101.366			
10+025	93.525	101.618			
10+050	93.574	102.048			
10+075	93.381	102.399			
10+100	93.248	102.667			
10+125	93.105	102.852			
10+150	93.210	102.955			
10+175	93.315	102.976			
10+200	93.140	102.914			
10+225	93.358	102.769			
10+250	93.394	102.541			
10+275	93.223	102.231			
10+300	93.254	101.839			
10+325	93.325	101.363			
10+350	93.336	100.825			
10+375	93.492	100.282			
10+400	93.364	99.740			
10+425	93.295	99.197			
10+450	93.442	98.655			
10+475	94.480	98.112			
10+500	96.160	97.589			
10+525	96.154	97.139			
10+550	96.013	96.764			
10+575	95.902	96.464			
10+600	95.809	96.238			
10+625	95.758	96.088			
10+650	95.776	96.014			
10+675	95.823	96.014			
10+700	95.891	96.069			
10+725	95.849	96.126			

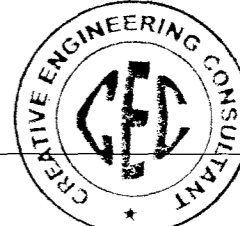
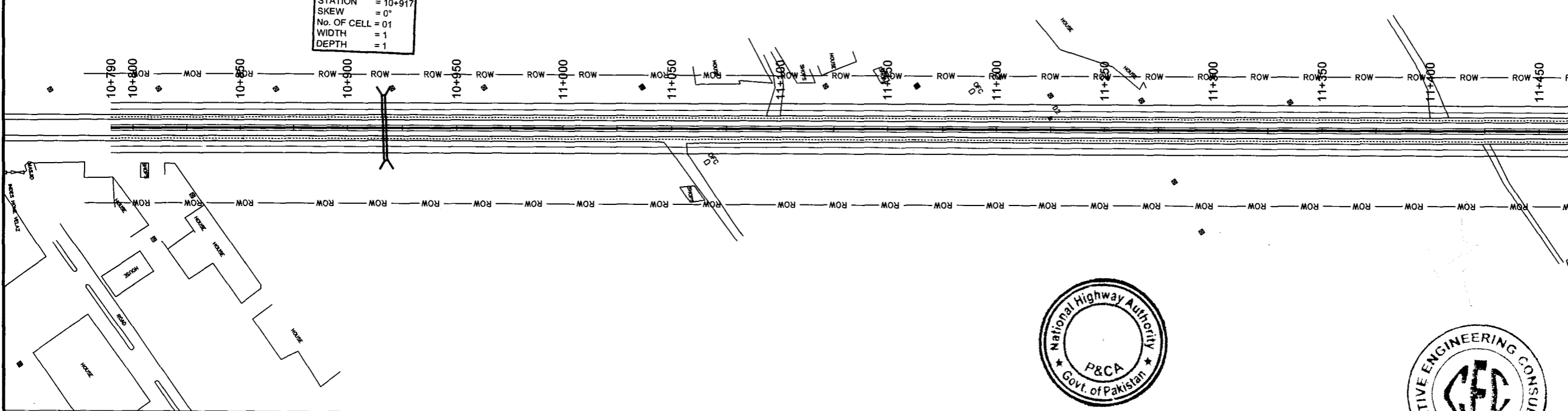
DRAWING TITLE:
PLAN & PROFILE

DESIGN BY: S.M	SHEET NO: 15 OF 92
DRAWN BY: S.M	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024.
APPROVED BY:	REVISION:

DWG NO:
CAREC/T-III/TD/001



BOX CULVERT
 STATION = 10+917
 SKEW = 0°
 No. OF CELL = 01
 WIDTH = 1
 DEPTH = 1



NOTES

1- ALL DIMENSIONS AND ARE IN METERS.

LEGEND

TENDER DRAWINGS		
REV.	REVISION/ISSUE	DATE

PROJECT:
 CONSTRUCTION OF RAJANPUR-DG KHAN
 SECTION OF N-85 AS 4-LANE HIGHWAY
 (121.50 km)
 PACKAGE-1
 (Km 0+000 TO Km 57+500)

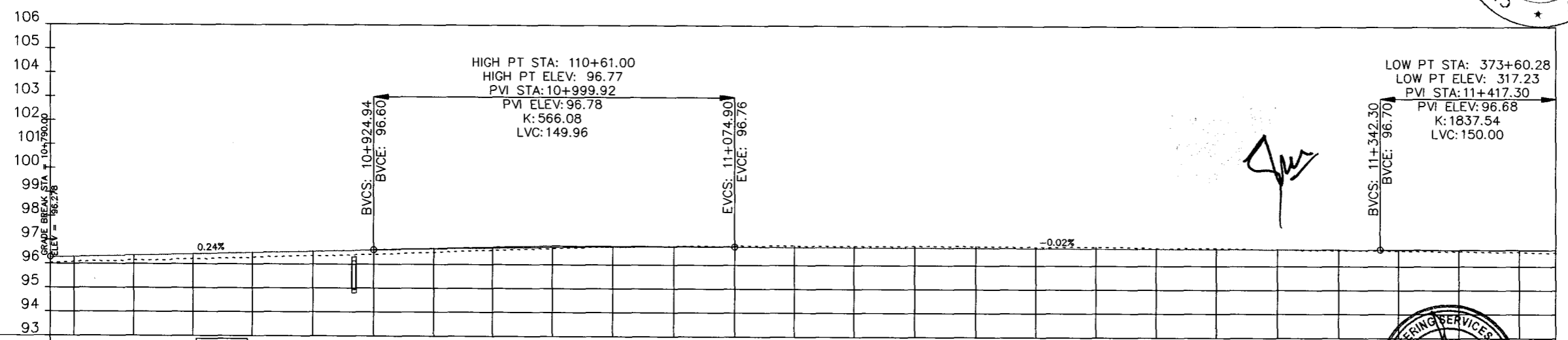
CLIENT:
 NATIONAL HIGHWAYS
 AUTHORITY (NHA)

- CONSULTANTS:**
- MINCONSULT. SDN BHD
In Joint Venture With
 - SAMAN CORPORATION
 - SHELADIA ASSOCIATES
 - CEC
 - AAA
 - ACE
 - AA
 - ACC

DRAWING TITLE:
 PLAN & PROFILE

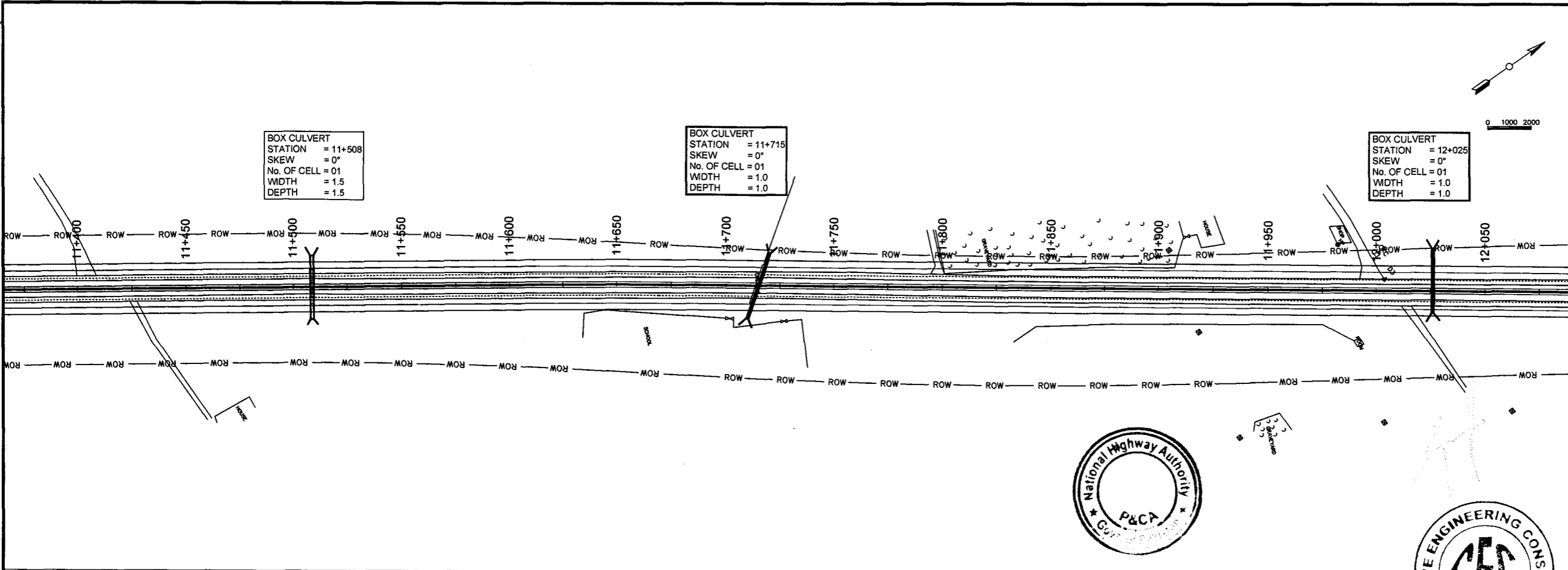
DESIGN BY: S.M	SHEET NO: 16 OF 92
DRAWN BY: S.M	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024
APPROVED BY:	REVISION:

CAD FILE NAME:
 CAREC/T-III/TD/002



HCD	L=61.32m	L=21.46m R=6079.43m	L=265.34m	L=23.76m R=8206.66m	L=454.39m																						
VCD	Grade (0.24%) Tangent Length (134.94) Chainage (10+924.94) Elevation (96.60)			Grade (-0.02%) Tangent Length (267.40) Chainage (11+342.30) Elevation (96.70)																							
P.G.L	96.278	96.302	96.362	96.422	96.482	96.542	96.603	96.657	96.701	96.733	96.754	96.765	96.764	96.758	96.752	96.746	96.740	96.733	96.727	96.721	96.715	96.709	96.703	96.697	96.693	96.693	
N.S.L	96.929	96.080	96.156	96.213	96.271	96.344	96.406	96.496	96.600	96.662	96.749	96.797	96.801	96.821	96.805	96.797	96.809	96.774	96.783	96.747	96.743	96.704	96.670	96.645	96.624	96.597	96.582
CH	10+790	10+800	10+825	10+850	10+875	10+900	10+925	10+950	10+975	11+000	11+025	11+050	11+075	11+100	11+125	11+150	11+175	11+200	11+225	11+250	11+275	11+300	11+325	11+350	11+375	11+400	11+415

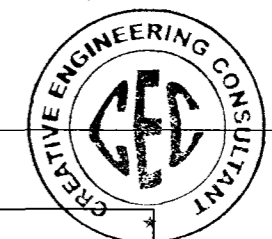




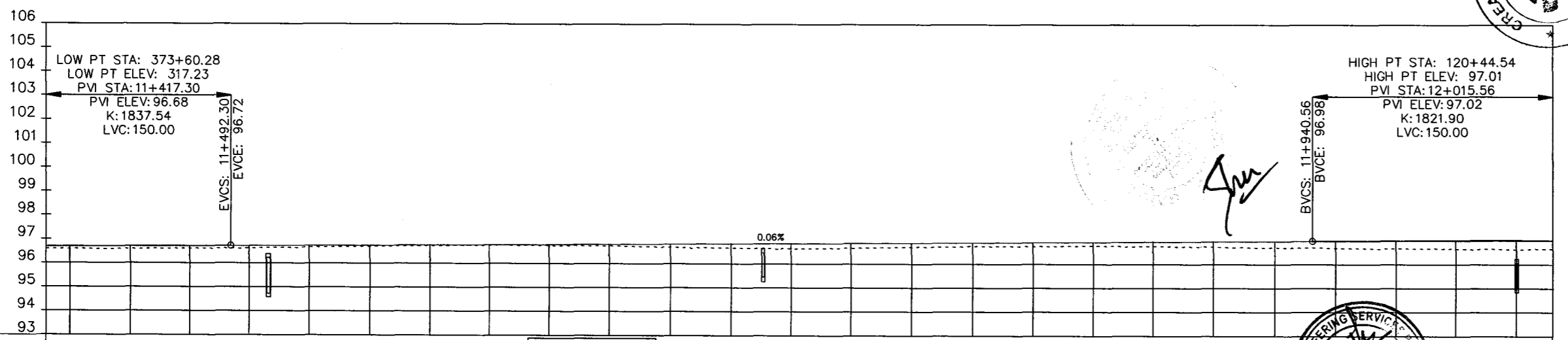
BOX CULVERT
 STATION = 11+508
 SKEW = 0°
 No. OF CELL = 01
 WIDTH = 1.5
 DEPTH = 1.5

BOX CULVERT
 STATION = 11+715
 SKEW = 0°
 No. OF CELL = 01
 WIDTH = 1.0
 DEPTH = 1.0

BOX CULVERT
 STATION = 12+025
 SKEW = 0°
 No. OF CELL = 01
 WIDTH = 1.0
 DEPTH = 1.0



Signature



HCD	L=454.39m		L=52.77m R=2756.00m		L=888.43m																						
VCD	Grade (0.06%)		Tangent Length (448.26)		Chainage (11+940.56)																						
	Elevation (96.98)																										
P.G.L	96.695	96.697	96.704	96.714	96.727	96.742	96.756	96.770	96.784	96.799	96.813	96.827	96.841	96.856	96.870	96.884	96.898	96.913	96.927	96.941	96.956	96.970	96.984	96.995	97.003	97.007	97.008
N.S.L	96.582	96.577	96.591	96.615	96.626	96.671	96.701	96.741	96.762	96.741	96.738	96.688	96.654	96.641	96.654	96.697	96.742	96.747	96.763	96.760	96.735	96.706	96.679	96.667	96.651	96.622	96.644
CH	11+415	11+425	11+450	11+475	11+500	11+525	11+550	11+575	11+600	11+625	11+650	11+675	11+700	11+725	11+750	11+775	11+800	11+825	11+850	11+875	11+900	11+925	11+950	11+975	12+000	12+025	12+040

NOTES
 1:- ALL DIMENSIONS AND ARE IN METERS.

LEGEND

REV.	REVISION/ISSUE	DATE

PROJECT:
 CONSTRUCTION OF RAJANPUR-DG KHAN SECTION OF N-65 AS 4-LANE HIGHWAY (121.50 km) PACKAGE-1 (Km 0+000 TO Km 57+500)

CLIENT:
 NATIONAL HIGHWAYS AUTHORITY (NHA)

CONSULTANTS:

- MINCONSULT. SDN BHD In Joint Venture With
- SAMAN CORPORATION
- SHELADIA ASSOCIATES
- CEC
- AAA
- ACE
- AA
- ACC

DRAWING TITLE:
 PLAN & PROFILE

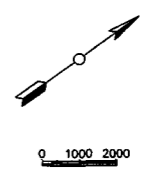
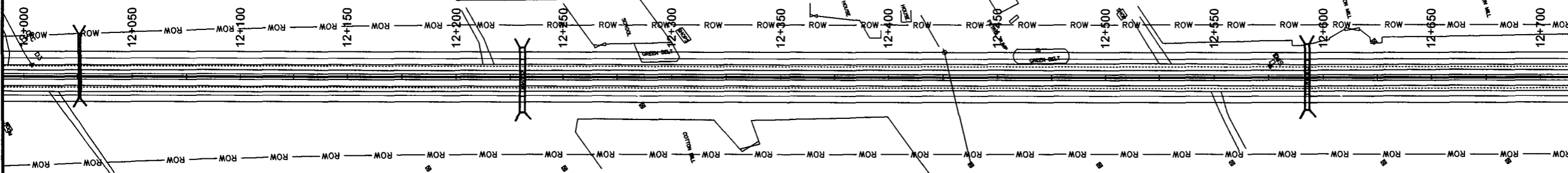
DESIGN BY: S.M	SHEET NO: 17 OF 92
DRAWN BY: S.M	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024
APPROVED BY:	REVISION:

CAD FILE NAME:
 CAREC/T-III/TD/002

BOX CULVERT
STATION = 12+025
SKEW = 0°
No. OF CELL = 01
WIDTH = 1.0
DEPTH = 1.0

BOX CULVERT
STATION = 12+232
SKEW = 0°
No. OF CELL = 01
WIDTH = 2.5
DEPTH = 1.5

BOX CULVERT
STATION = 12+592
SKEW = 0°
No. OF CELL = 01
WIDTH = 2.5
DEPTH = 1.5



NOTES
1- ALL DIMENSIONS AND ARE IN METERS.

LEGEND

REV.	REVISION/ISSUE	DATE

PROJECT:
CONSTRUCTION OF RAJANPUR-DG KHAN
SECTION OF N-55 AS 4-LANE HIGHWAY
(121.50 km)
PACKAGE-1
(Km 0+000 TO Km 57+500)

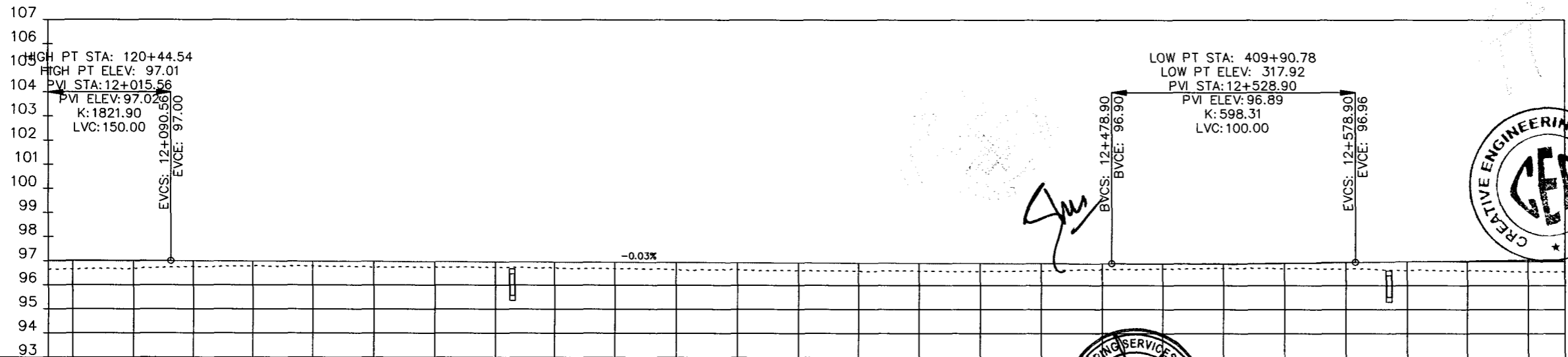
CLIENT:
NATIONAL HIGHWAYS
AUTHORITY (NHA)

- CONSULTANTS:**
- MINCONSULT. SDN BHD
In Joint Venture With
 - SAMAN CORPORATION
 - SHELADIA ASSOCIATES
 - CEC
 - AAA
 - ACE
 - AA
 - ACC

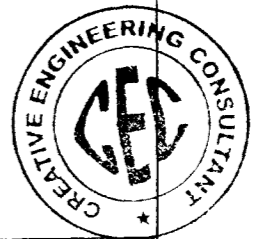
DRAWING TITLE:
PLAN & PROFILE

DESIGN BY: S.M	SHEET NO: 18 OF 92
DRAWN BY: S.M	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024
APPROVED BY:	REVISION:

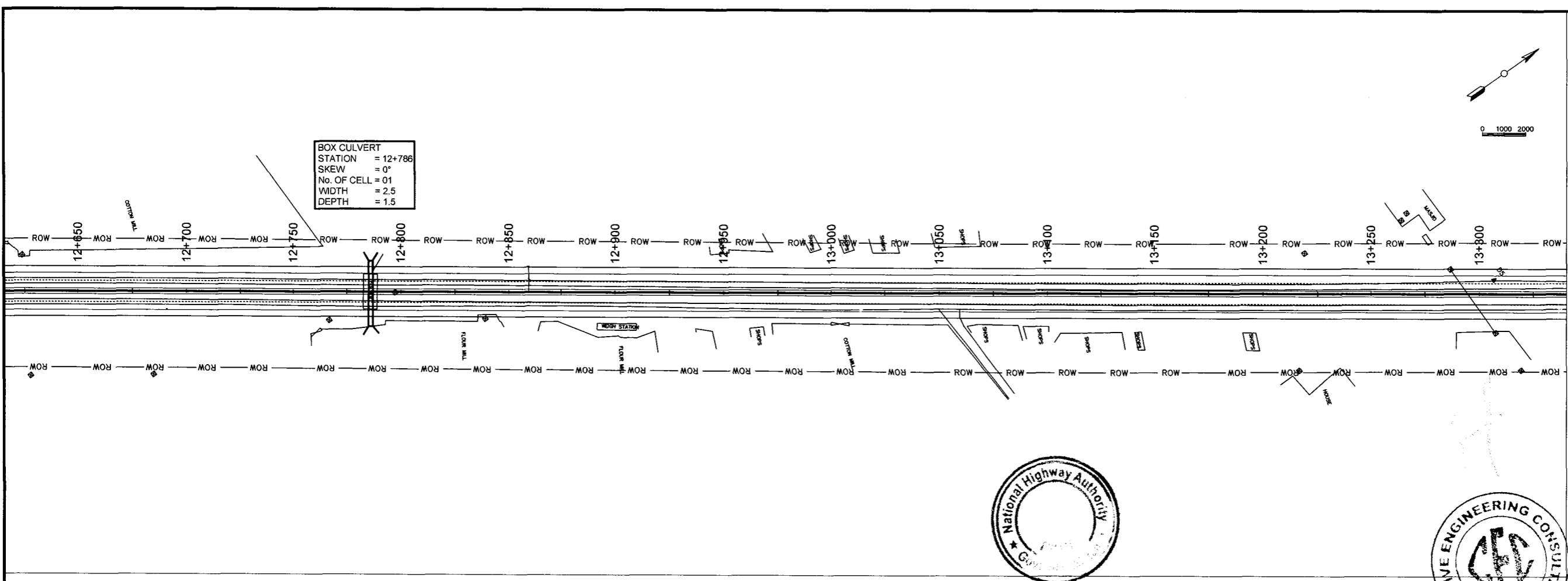
CAD FILE NAME:
CAREC/T-III/TD/002



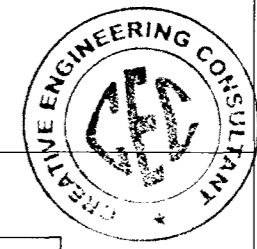
Signature



HCD	L=886.43m																				L=37.10m R=19685.00m	L=881.83m					
VCD	Grade (-0.03%) Tangent Length (388.34) Chainage (12+478.90) Elevation (96.90)																										
P.G.L	97.988	97.008	97.006	97.000	96.994	96.988	96.981	96.975	96.969	96.962	96.956	96.950	96.943	96.937	96.931	96.924	96.918	96.912	96.905	96.903	96.911	96.929	96.957	96.993	97.028	97.064	
N.S.L	96.644	96.645	96.676	96.749	96.785	96.787	96.739	96.739	96.741	96.709	96.678	96.640	96.656	96.616	96.601	96.588	96.579	96.596	96.661	96.685	96.712	96.697	96.686	96.623	96.618	96.570	97.064
CH	12+040	12+050	12+075	12+100	12+125	12+150	12+175	12+200	12+225	12+250	12+275	12+300	12+325	12+350	12+375	12+400	12+425	12+450	12+475	12+500	12+525	12+550	12+575	12+600	12+625	12+650	12+665



BOX CULVERT
 STATION = 12+786
 SKEW = 0°
 No. OF CELL = 01
 WIDTH = 2.5
 DEPTH = 1.5



NOTES
 1:- ALL DIMENSIONS AND ARE IN METERS.

LEGEND

REV.	REVISION/ISSUE	DATE

TENDER DRAWINGS
 PROJECT:
 CONSTRUCTION OF RAJANPUR-DG KHAN
 SECTION OF N-55 AS 4-LANE HIGHWAY
 (121.50 km)
 PACKAGE-1
 (Km 0+000 TO Km 57+500)

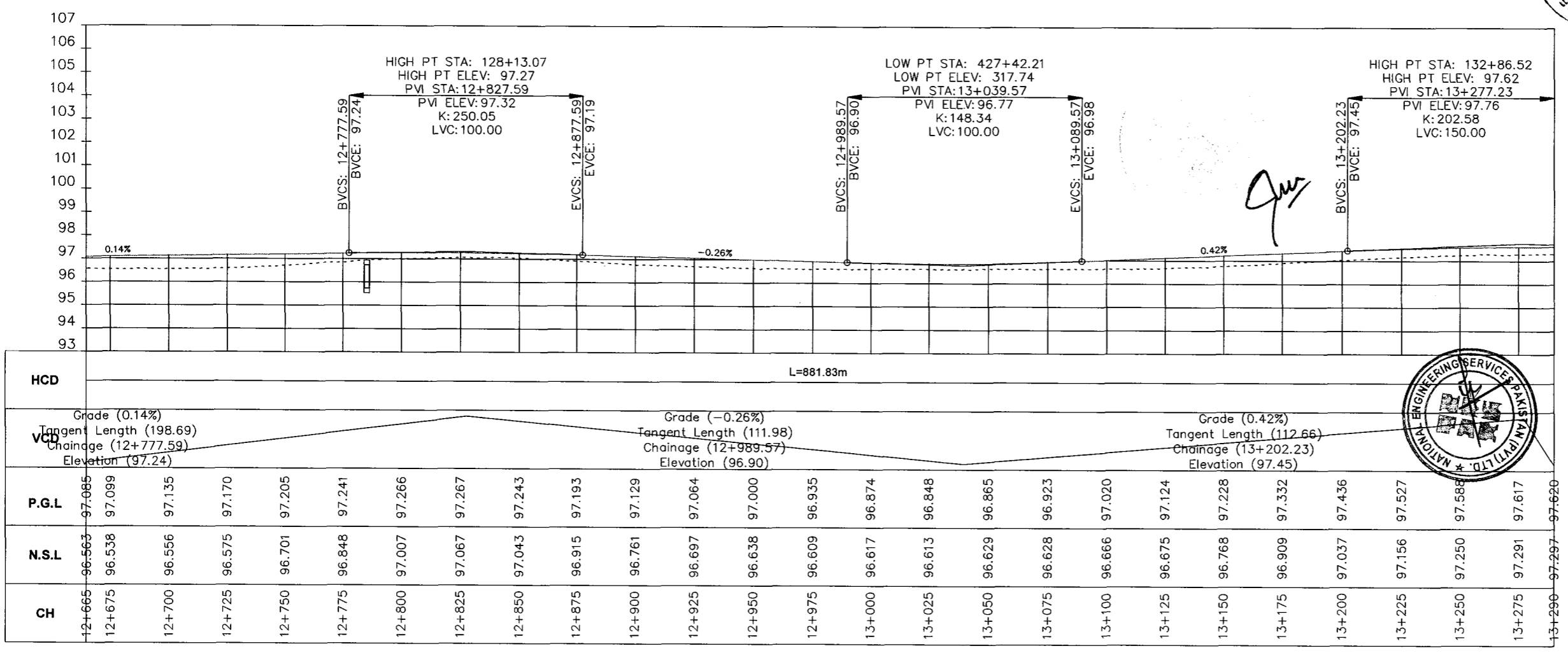
CLIENT:
 NATIONAL HIGHWAYS AUTHORITY (NHA)

- CONSULTANTS:
- MINCONSULT SDN BHD
In Joint Venture With
 - SAMAN CORPORATION
 - SHELADIA ASSOCIATES
 - CEC
 - AAA
 - ACE
 - AA
 - ACC

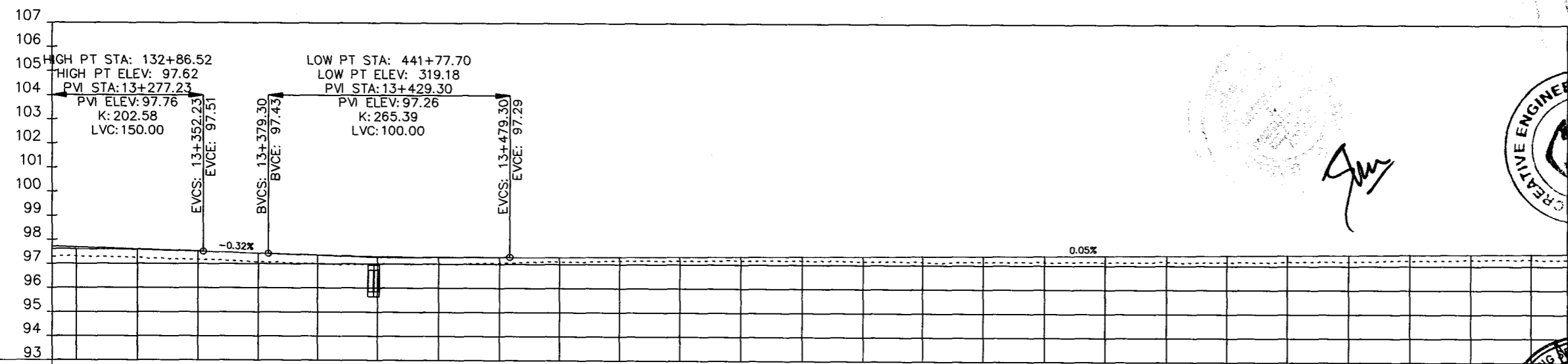
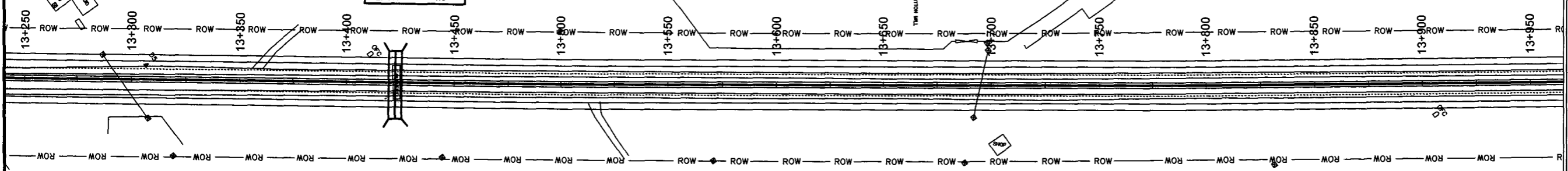
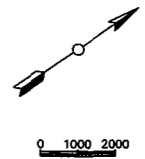
DRAWING TITLE:
 PLAN & PROFILE

DESIGN BY: S.M	SHEET NO: 19 OF 92
DRAWN BY: S.M	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024
APPROVED BY:	REVISION:

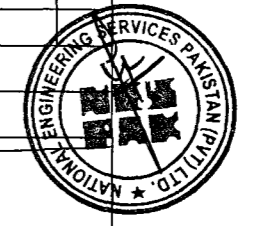
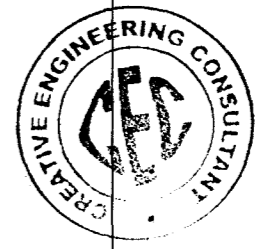
CAD FILE NAME:
 CAREC/T-III/TD/002



BOX CULVERT
 STATION = 13+425
 SKEW = 0°
 No. OF CELL = 02
 WIDTH = 2.5
 DEPTH = 1.5



HCD	L=881.83m										L=30.57m R=3298.00m		L=272.55m										L=23.43m R=2000.00m		L=292.37m		
VCD	Grade (-0.32%) Tangent Length (27.07) Chainage (13+379.36) Elevation (97.43)										Grade (0.05%) Tangent Length (473.28) Chainage (13+952.58) Elevation (97.54)																
P.G.L	97.620	97.616	97.584	97.521	97.440	97.367	97.317	97.291	97.288	97.301	97.314	97.327	97.341	97.354	97.367	97.380	97.393	97.406	97.419	97.432	97.445	97.459	97.472	97.485	97.498	97.511	97.519
N.S.L	97.297	97.309	97.239	97.185	97.081	97.011	96.990	96.998	97.047	97.109	97.151	97.155	97.178	97.173	97.149	97.120	97.137	97.132	97.142	97.164	97.164	97.198	97.188	97.243	97.269	97.293	97.268
CH	13+290	13+300	13+325	13+350	13+375	13+400	13+425	13+450	13+475	13+500	13+525	13+550	13+575	13+600	13+625	13+650	13+675	13+700	13+725	13+750	13+775	13+800	13+825	13+850	13+875	13+900	13+915



NOTES
 1- ALL DIMENSIONS AND ARE IN METERS.

LEGEND

REV.	REVISION/ISSUE	DATE

TENDER DRAWINGS

PROJECT:
 CONSTRUCTION OF RAJANPUR-DG KHAN SECTION OF N-65 AS 4-LANE HIGHWAY (121.50 km)
 PACKAGE-1
 (Km 0+000 TO Km 57+500)

CLIENT:
 NATIONAL HIGHWAYS AUTHORITY (NHA)

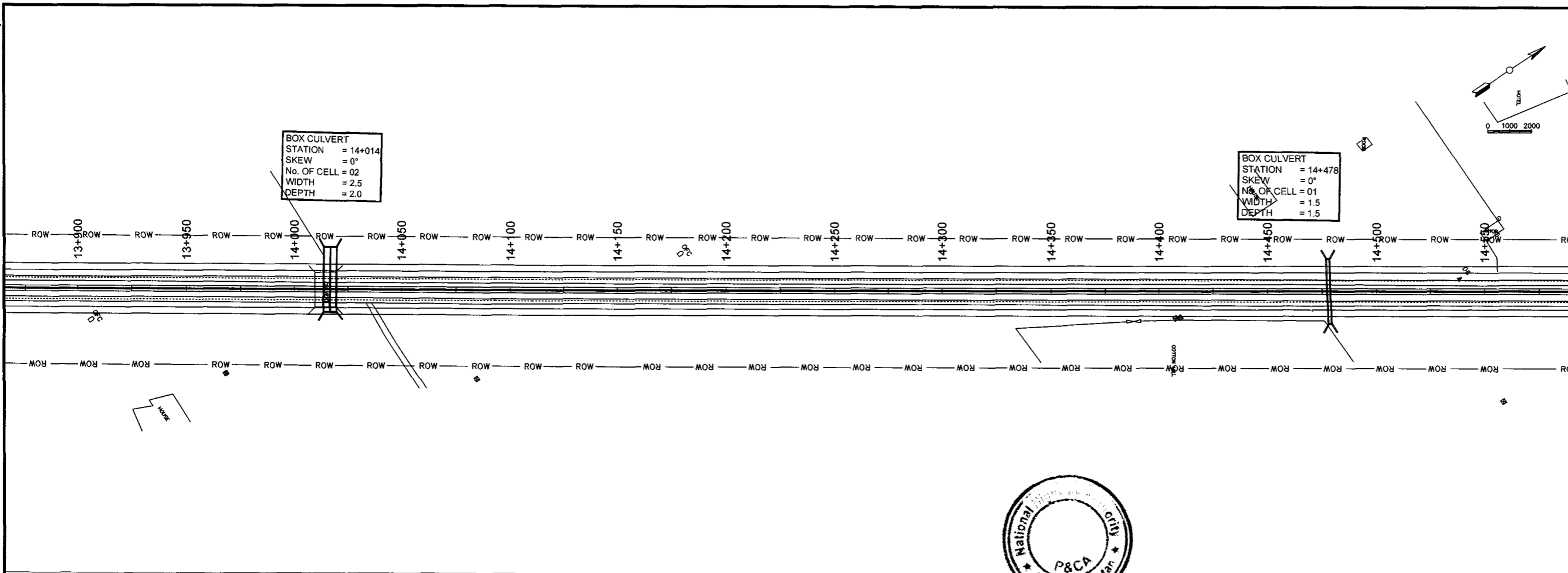
CONSULTANTS:

- MDCONSULT. SDN BHD In Joint Venture With
- SAMAN CORPORATION
- SHELADIA ASSOCIATES
- CEC
- AAA
- ACB
- AA
- ACC

DRAWING TITLE:
 PLAN & PROFILE

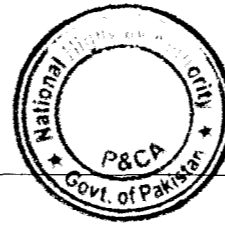
DESIGN BY: S.M	SHEET NO: 20 OF 92
DRAWN BY: S.M	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024
APPROVED BY:	REVISION:

CAD FILE NAME:
 CAREC/T-III/TD/002



BOX CULVERT
 STATION = 14+014
 SKEW = 0°
 No. OF CELL = 02
 WIDTH = 2.5
 DEPTH = 2.0

BOX CULVERT
 STATION = 14+478
 SKEW = 0°
 No. OF CELL = 01
 WIDTH = 1.5
 DEPTH = 1.5



NOTES
 1:- ALL DIMENSIONS AND ARE IN METERS.

LEGEND

REV.	REVISION/ISSUE	DATE

TENDER DRAWINGS

PROJECT:
 CONSTRUCTION OF RAJANPUR-DG KHAN SECTION OF N-55 AS 4-LANE HIGHWAY (121.50 km)
 PACKAGE-1
 (Km 0+000 TO Km 57+500)

CLIENT:
 NATIONAL HIGHWAYS AUTHORITY (NHA)

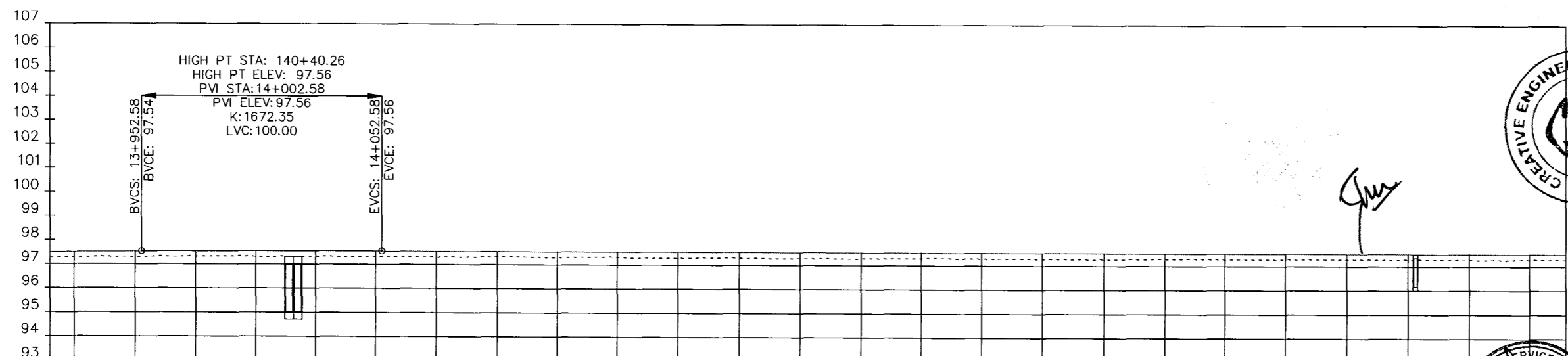
CONSULTANTS:

- MINCONSULT. SDN BHD In Joint Venture With
- SAMAN CORPORATION
- SHELADIA ASSOCIATES
- CEC
- AAA
- ACE
- AA
- ACC

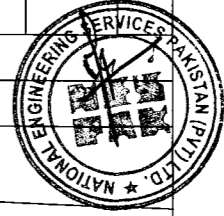
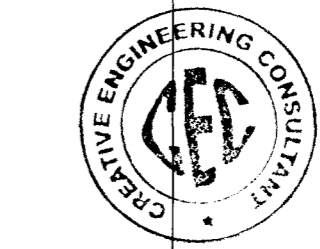
DRAWING TITLE:
 PLAN & PROFILE

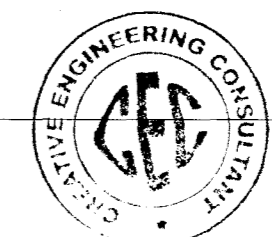
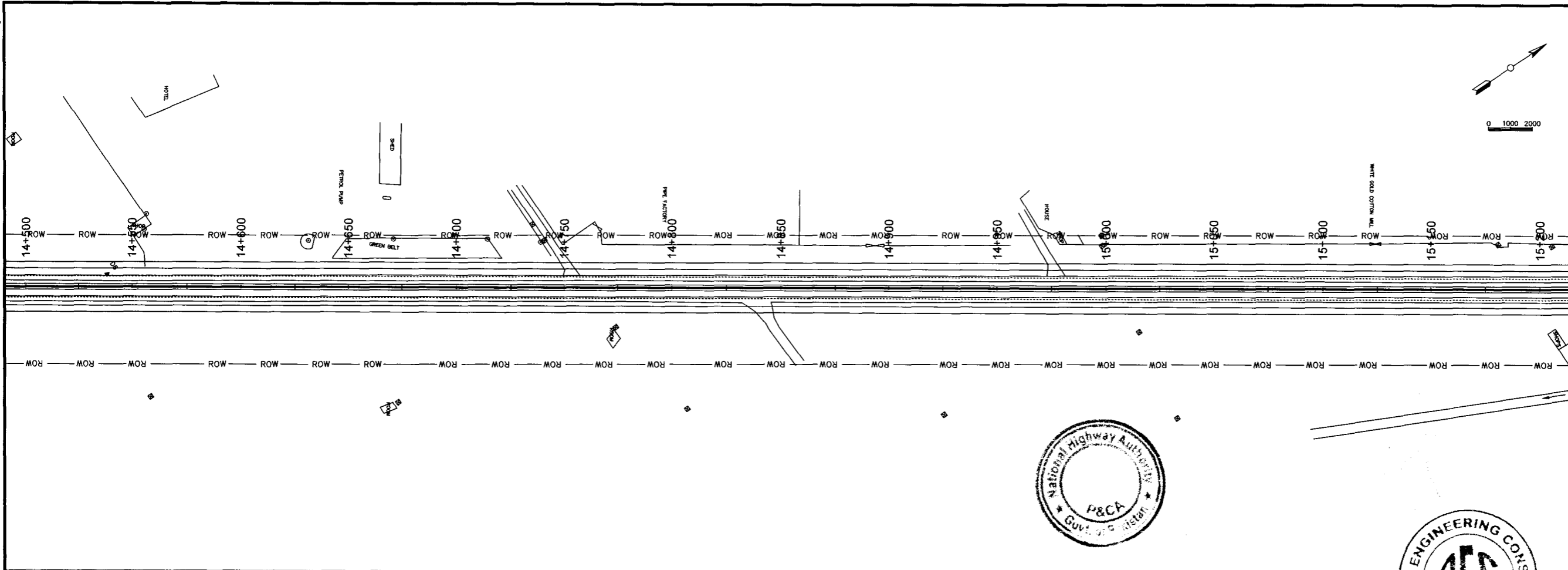
DESIGN BY: S.M	SHEET NO: 21 OF 92
DRAWN BY: S.M	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024
APPROVED BY:	REVISION:

CAD FILE NAME:
 CAREC/T-III/TD/002



CH	13+915	13+925	13+950	13+975	14+000	14+025	14+050	14+075	14+100	14+125	14+150	14+175	14+200	14+225	14+250	14+275	14+300	14+325	14+350	14+375	14+400	14+425	14+450	14+475	14+500	14+525	14+540	
HCD	L=292.37m														L=16.69m R=5910.00m		L=752.90m											
VCD	[Profile Line]																											
P.G.L	97.519	97.524	97.537	97.549	97.557	97.561	97.561	97.559	97.558	97.556	97.554	97.552	97.550	97.548	97.546	97.545	97.543	97.541	97.539	97.537	97.535	97.534	97.532	97.530	97.528	97.526	97.525	
N.S.L	97.268	97.287	97.298	97.324	97.319	97.327	97.334	97.325	97.340	97.302	97.319	97.292	97.296	97.284	97.286	97.302	97.279	97.285	97.283	97.302	97.277	97.288	97.289	97.292	97.281	97.302	97.271	





NOTES
1:- ALL DIMENSIONS AND ARE IN METERS.

LEGEND

REV.	REVISION/ISSUE	DATE

TENDER DRAWINGS

PROJECT:
CONSTRUCTION OF RAJANPUR-DG KHAN SECTION OF N-65 AS 4-LANE HIGHWAY (121.50 km)
PACKAGE-1 (Km 0+000 TO Km 57+500)

CLIENT:
NHA NATIONAL HIGHWAYS AUTHORITY (NHA)

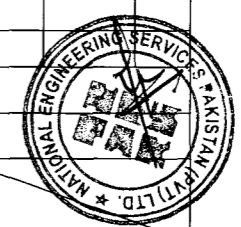
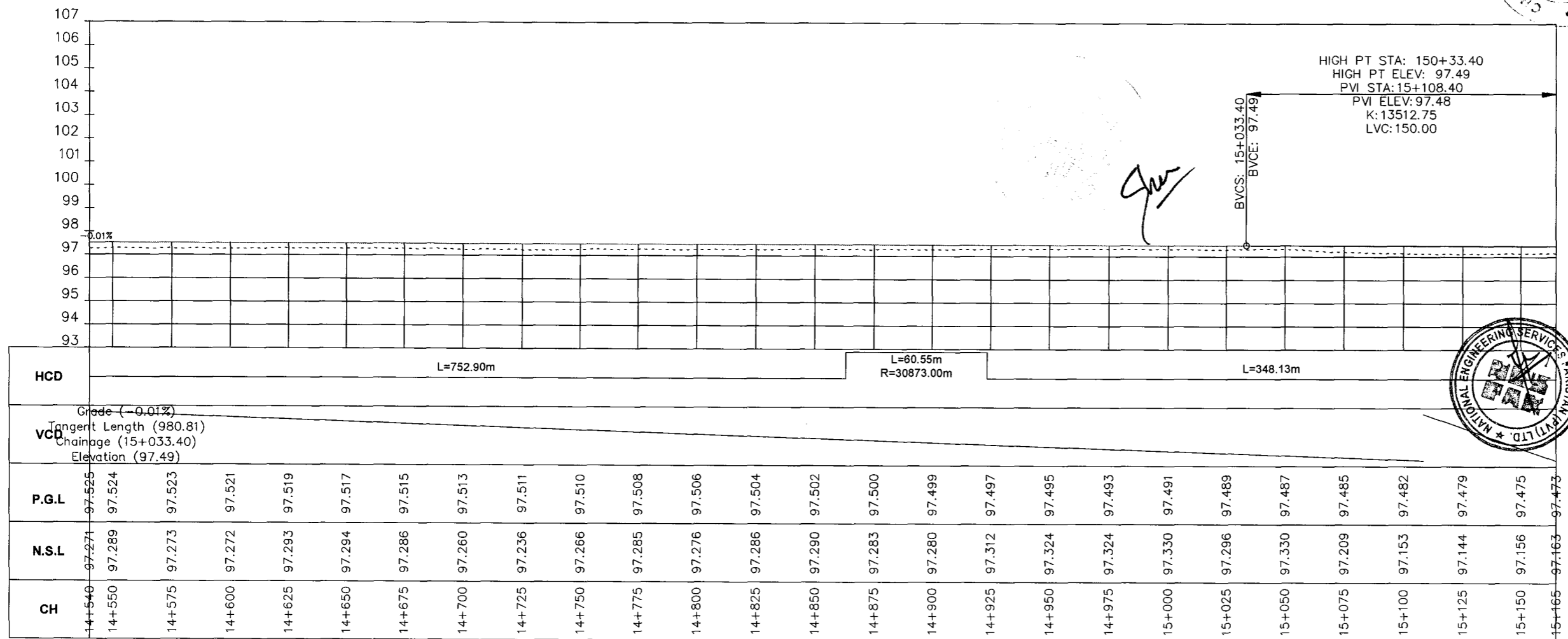
CONSULTANTS:

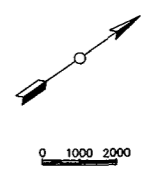
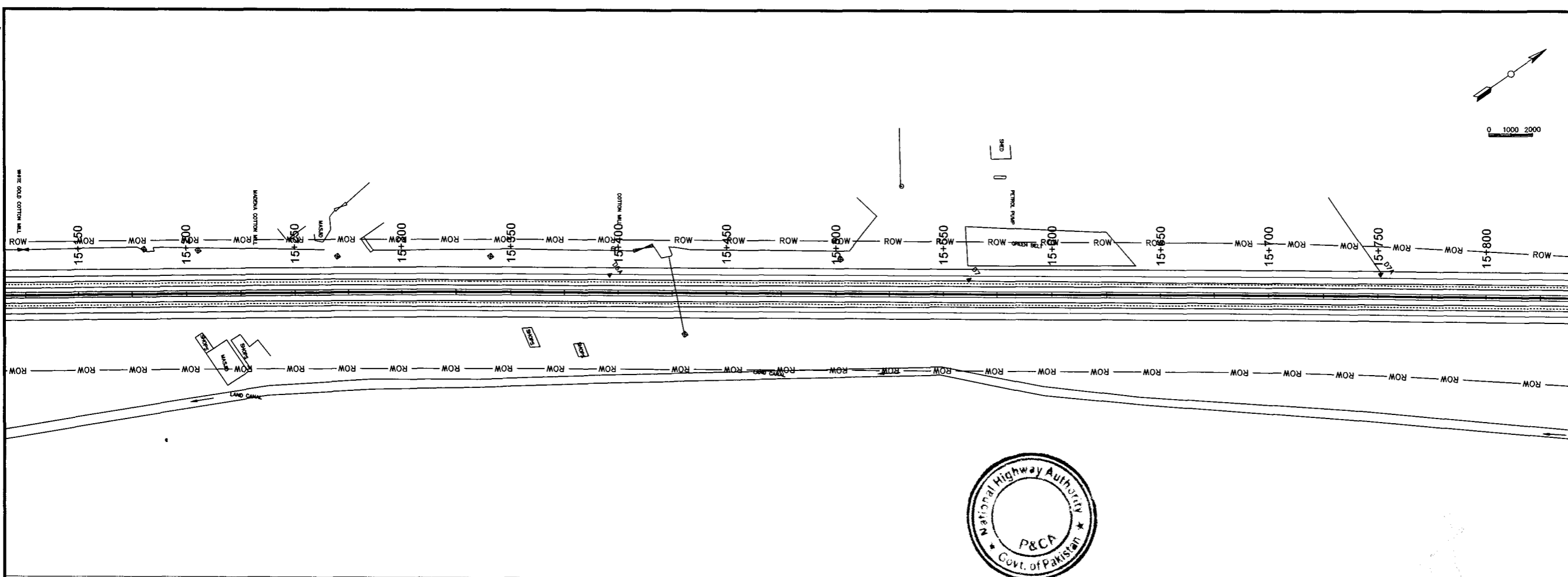
- MINCONSULT. SDN BHD In Joint Venture With
- SAMAN CORPORATION
- SHELADIA ASSOCIATES
- CEC
- AAA
- ACE
- AA
- ACC

DRAWING TITLE:
PLAN & PROFILE

DESIGN BY: S.M	SHEET NO: 22 OF 92
DRAWN BY: S.M	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024
APPROVED BY:	REVISION:

CAD FILE NAME:
CAREC/T-III/TD/002





NOTES
1- ALL DIMENSIONS AND ARE IN METERS.

LEGEND

REV.	REVISION/ISSUE	DATE

PROJECT:
CONSTRUCTION OF RAJANPUR-DG KHAN SECTION OF N-65 AS 4-LANE HIGHWAY (121.50 km) PACKAGE-1 (Km 0+000 TO Km 57+500)

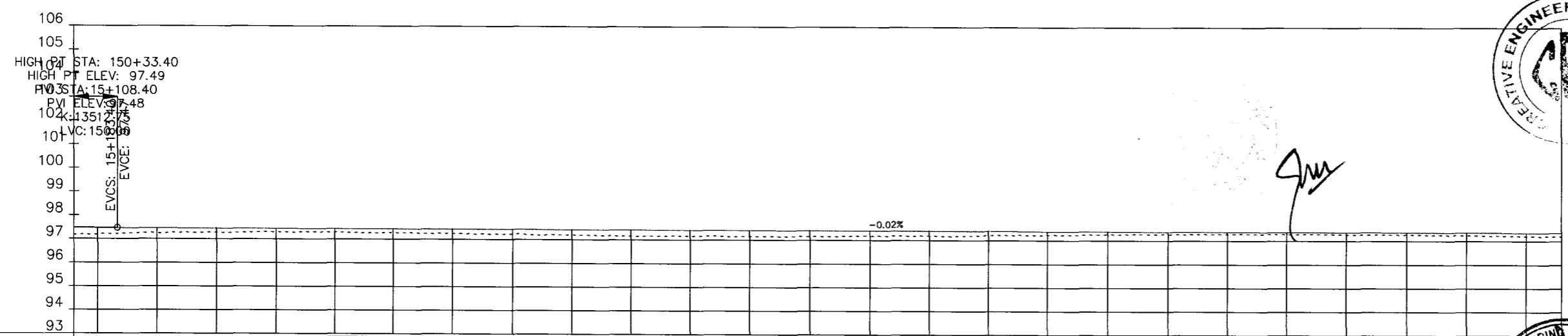
CLIENT:
NATIONAL HIGHWAYS AUTHORITY (NHA)

- CONSULTANTS:**
- MINCONSULT. SDN BHD In Joint Venture With SAMAN CORPORATION
 - SHELDIA ASSOCIATES
 - CEC
 - AAA
 - ACE
 - AA
 - ACC

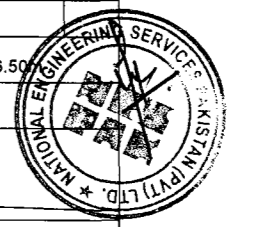
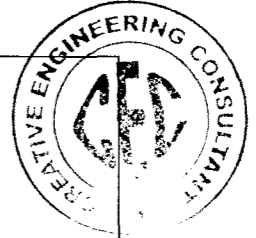
DRAWING TITLE:
PLAN & PROFILE

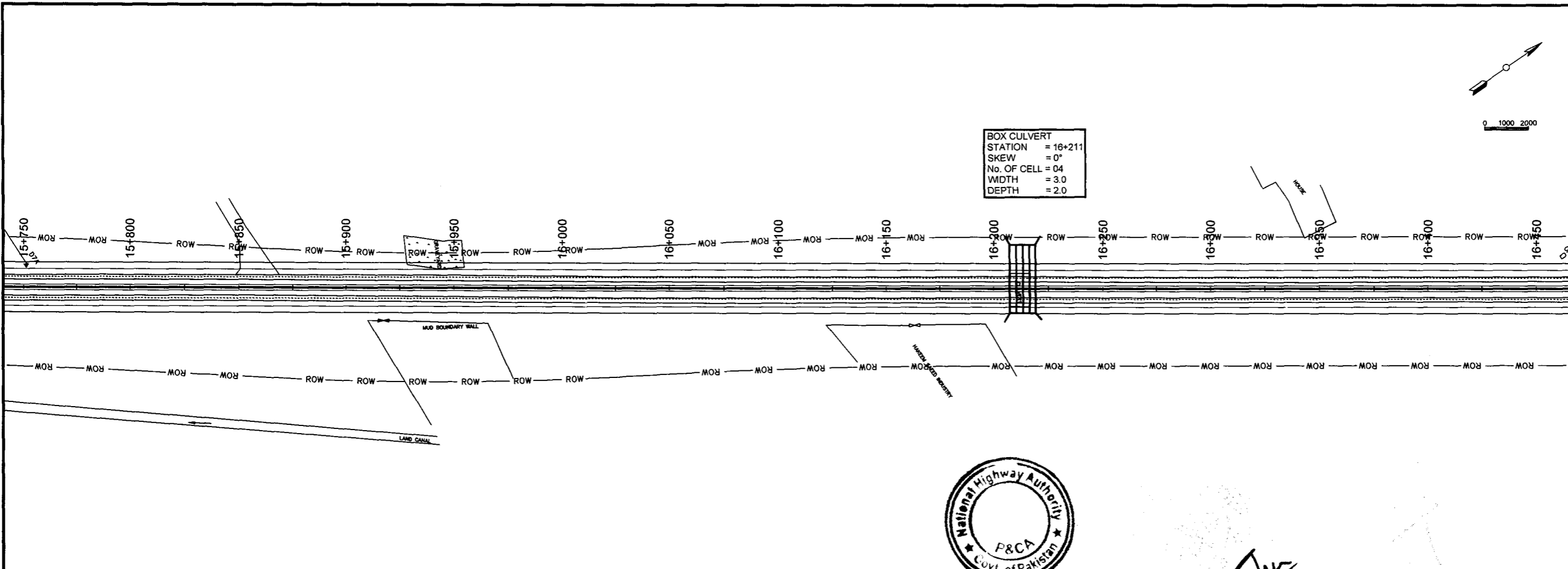
DESIGN BY: S.M	SHEET NO: 23 OF 92
DRAWN BY: S.M	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024
APPROVED BY:	REVISION:

CAD FILE NAME:
CAREC/T-III/TD/002

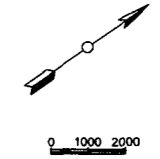


HCD	L=348.13m	L=59.60m R=3946.00m	L=349.06m	L=43.63m R=6336.00m	L=856.50m																						
VCD	Grade (-0.02%) Tangent Length (646.74) Chainage (15+830.14) Elevation (97.35)																										
P.G.L	97.473	97.471	97.466	97.462	97.457	97.452	97.448	97.443	97.439	97.434	97.429	97.425	97.420	97.416	97.411	97.406	97.402	97.397	97.392	97.388	97.383	97.379	97.374	97.369	97.365	97.360	97.357
N.S.L	97.163	97.193	97.240	97.272	97.295	97.290	97.270	97.250	97.227	97.200	97.160	97.167	97.162	97.161	97.180	97.188	97.220	97.233	97.260	97.264	97.277	97.283	97.273	97.269	97.235	97.209	97.199
CH	15+165	15+175	15+200	15+225	15+250	15+275	15+300	15+325	15+350	15+375	15+400	15+425	15+450	15+475	15+500	15+525	15+550	15+575	15+600	15+625	15+650	15+675	15+700	15+725	15+750	15+775	15+790

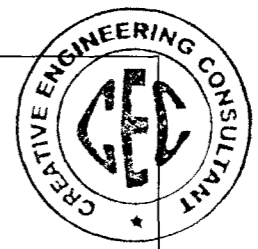




BOX CULVERT
 STATION = 16+211
 SKEW = 0°
 No. OF CELL = 04
 WIDTH = 3.0
 DEPTH = 2.0



Signature



NOTES

1- ALL DIMENSIONS AND ARE IN METERS.

LEGEND

TENDER DRAWINGS		
REV.	REVISION/ISSUE	DATE

PROJECT:
 CONSTRUCTION OF RAJANPUR-DG KHAN
 SECTION OF N-55 AS 4-LANE HIGHWAY
 (121.50 km)
 PACKAGE-1
 (Km 0+000 TO Km 57+500)

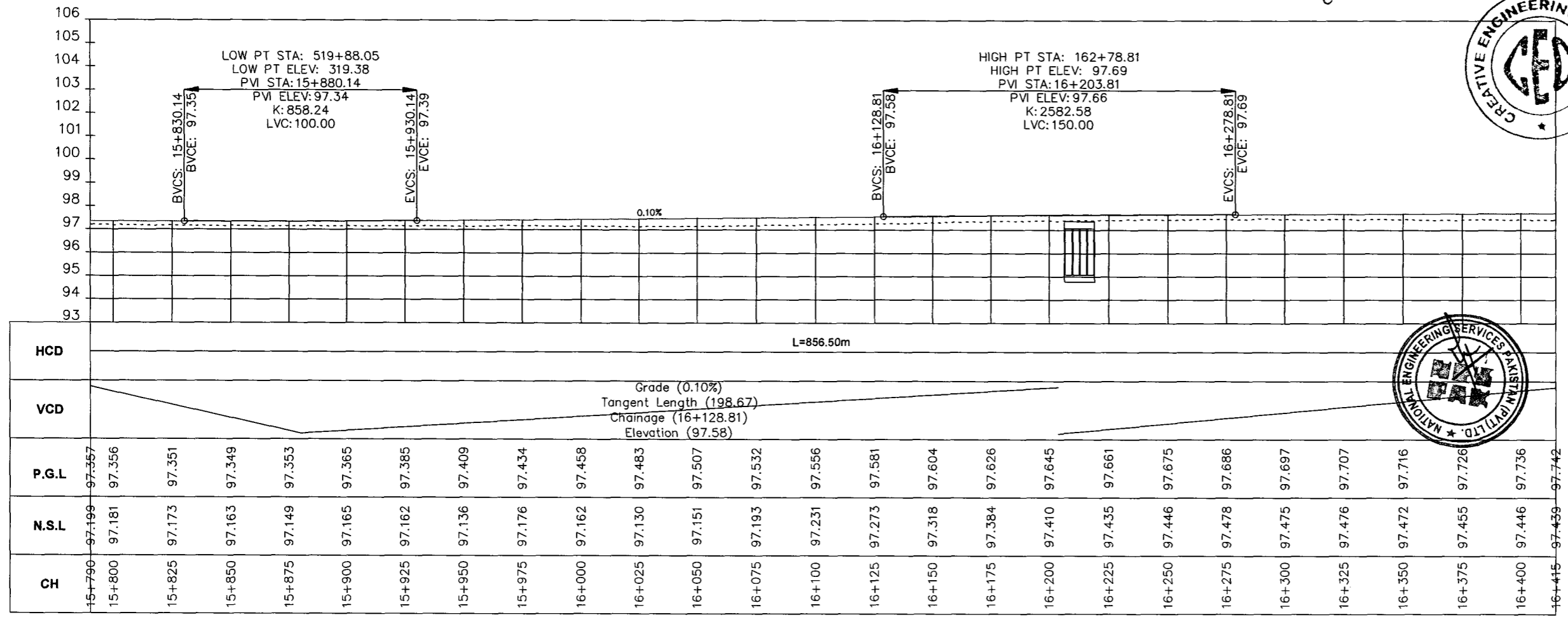
CLIENT:
 NATIONAL HIGHWAYS
 AUTHORITY (NHA)

- CONSULTANTS:
- MINCONSULT. SDN BHD
In Joint Venture With
 - SAMAN CORPORATION
 - SHELADIA ASSOCIATES
 - CEC
 - AAA
 - ACE
 - AA
 - ACC

DRAWING TITLE:
 PLAN & PROFILE

DESIGN BY: S.M	SHEET NO: 24 OF 92
DRAWN BY: S.M	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL 2024
APPROVED BY:	REVISION:

CAD FILE NAME:
 CAREC/T-III/TD/002



HCD	L=856.50m																									
VCD	Grade (0.10%) Tangent Length (198.67) Chainage (16+128.81) Elevation (97.58)																									
P.G.L	97.357	97.356	97.351	97.349	97.353	97.365	97.385	97.409	97.434	97.458	97.483	97.507	97.532	97.556	97.581	97.604	97.626	97.645	97.661	97.675	97.686	97.697	97.707	97.716	97.726	97.736
N.S.L	97.199	97.181	97.173	97.163	97.149	97.165	97.162	97.136	97.176	97.162	97.130	97.151	97.193	97.231	97.273	97.318	97.384	97.410	97.435	97.446	97.478	97.475	97.476	97.472	97.455	97.446
CH	15+790	15+800	15+825	15+850	15+875	15+900	15+925	15+950	15+975	16+000	16+025	16+050	16+075	16+100	16+125	16+150	16+175	16+200	16+225	16+250	16+275	16+300	16+325	16+350	16+375	16+400

ULVERT
DN = 17+003
= 0°
CELL = 01
= 1.0
= 1.0

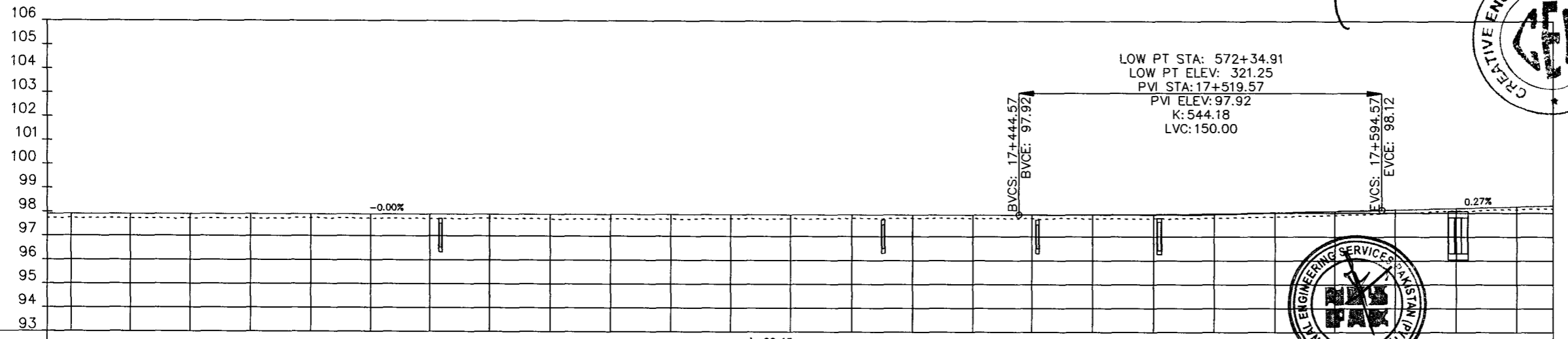
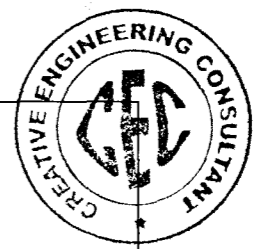
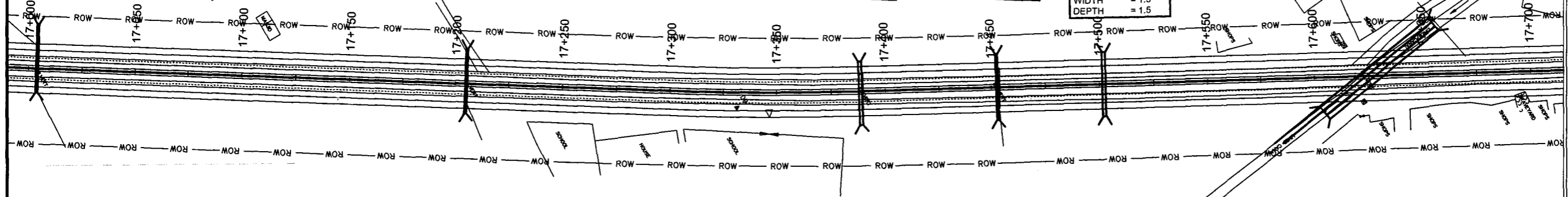
BOX CULVERT
STATION = 17+205
SKEW = 0°
No. OF CELL = 01
WIDTH = 1.0
DEPTH = 1.0

BOX CULVERT
STATION = 17+388
SKEW = 0°
No. OF CELL = 01
WIDTH = 1.5
DEPTH = 1.5

BOX CULVERT
STATION = 17+452
SKEW = 0°
No. OF CELL = 01
WIDTH = 1.0
DEPTH = 1.0

BOX CULVERT
STATION = 17+502
SKEW = 0°
No. OF CELL = 01
WIDTH = 1.5
DEPTH = 1.5

BOX CULVERT
STATION = 17+626
SKEW = 0°
No. OF CELL = 03
WIDTH = 2.5
DEPTH = 1.5



HCD	L=685.84m															L=89.45m R=1400.00m										L=650.31m									
VCD	Grade (-0.00%) Tangent Length (525.63) Chainage (17+444.57) Elevation (97.92)															Grade (0.27%) Tangent Length (78.82) Chainage (17+673.39) Elevation (98.34)																			
P.G.L	97.922	97.922	97.921	97.921	97.921	97.920	97.920	97.920	97.919	97.919	97.919	97.918	97.918	97.918	97.917	97.917	97.917	97.925	97.944	97.975	98.018	98.072	98.137	98.205	98.274										
N.S.L	97.735	97.749	97.729	97.734	97.740	97.746	97.724	97.715	97.745	97.716	97.721	97.721	97.740	97.741	97.760	97.766	97.761	97.767	97.764	97.769	97.788	97.833	97.903	97.995	98.085	98.144									
CH	17+040	17+050	17+075	17+100	17+125	17+150	17+175	17+200	17+225	17+250	17+275	17+300	17+325	17+350	17+375	17+400	17+425	17+450	17+475	17+500	17+525	17+550	17+575	17+600	17+625	17+650									

NOTES
1:- ALL DIMENSIONS AND ARE IN METERS.

LEGEND

REV.	REVISION/ISSUE	DATE

TENDER DRAWINGS

PROJECT:
CONSTRUCTION OF RAJANPUR-DG KHAN SECTION OF N-65 AS 4-LANE HIGHWAY (121.50 km)
PACKAGE-1 (Km 0+000 TO Km 57+500)

CLIENT:
NATIONAL HIGHWAYS AUTHORITY (NHA)

CONSULTANTS:

- MINCONSULT. SDN BHD In Joint Venture With
- SAMAN CORPORATION
- SHELADIA ASSOCIATES
- CEC
- AAA
- ACE
- AA
- ACC

DRAWING TITLE:
PLAN & PROFILE

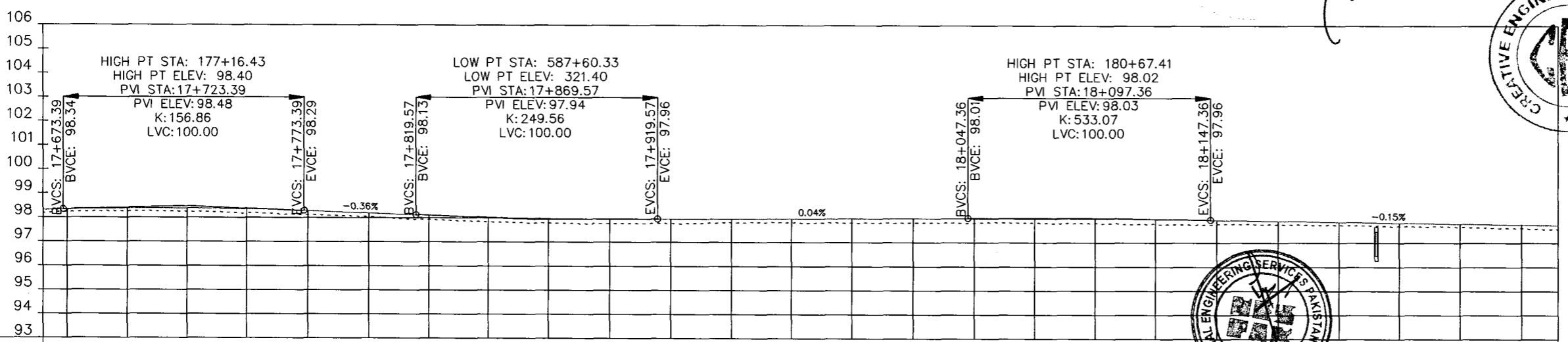
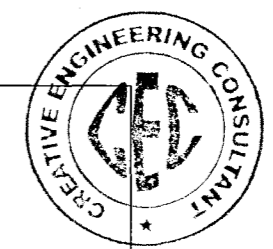
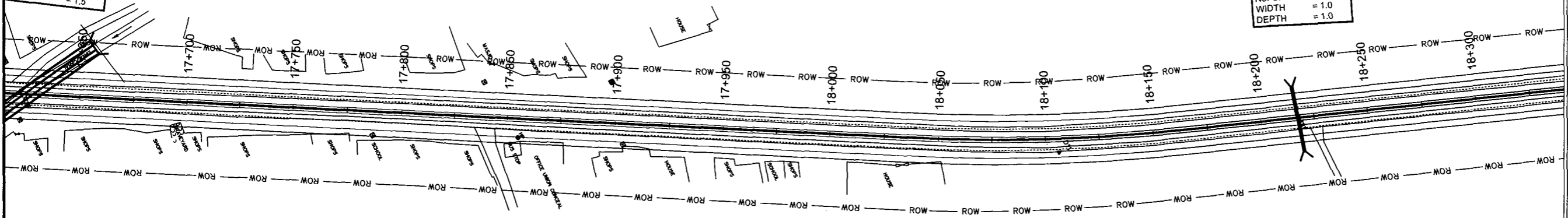
DESIGN BY: S.M	SHEET NO: 26 OF 92
DRAWN BY: S.M	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024
APPROVED BY:	REVISION:

CAD FILE NAME:
CAREC/T-III/TD/002

BOX CULVERT
STATION = 17+626
SKEW = 0°
No. OF CELL = 03
WIDTH = 2.5
DEPTH = 1.5

BOX CULVERT
STATION = 18+216
SKEW = 0°
No. OF CELL = 01
WIDTH = 1.0
DEPTH = 1.0

0 1000 2000



HCD	L=650.31m																	L=123.51m R=800.00m			L=543.50m						
VCD	Grade (-0.36%) Tangent Length (46.18) Chainage (17+819.57) Elevation (98.13)																	Grade (0.04%) Tangent Length (127.79) Chainage (18+047.36) Elevation (98.01)			Grade (-0.15%) Tangent Length (146.19) Chainage (18+293.55) Elevation (97.74)						
P.G.L	98.315	98.342	98.388	98.395	98.361	98.288	98.197	98.107	98.034	97.986	97.964	97.965	97.975	97.984	97.993	98.003	98.012	98.015	98.005	97.984	97.951	97.914	97.876	97.839	97.801	97.764	97.741
N.S.L	98.171	98.231	98.260	98.249	98.196	98.121	98.038	97.931	97.833	97.785	97.770	97.786	97.807	97.823	97.820	97.819	97.815	97.818	97.807	97.775	97.769	97.770	97.743	97.695	97.666	97.617	97.561
CH	17+665	17+675	17+700	17+725	17+750	17+775	17+800	17+825	17+850	17+875	17+900	17+925	17+950	17+975	18+000	18+025	18+050	18+075	18+100	18+125	18+150	18+175	18+200	18+225	18+250	18+275	18+290

NOTES
1:- ALL DIMENSIONS AND ARE IN METERS.

LEGEND

REV.	REVISION/ISSUE	DATE

TENDER DRAWINGS

PROJECT:
CONSTRUCTION OF RAJANPUR-DG KHAN SECTION OF N-55 AS 4-LANE HIGHWAY (121.50 km) PACKAGE-1 (Km 0+000 TO Km 57+500)

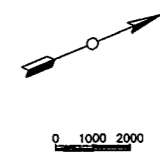
CLIENT:
NATIONAL HIGHWAYS AUTHORITY (NHA)

CONSULTANTS:
MINCONSULT. SDN BHD
SAMAN CORPORATION
SHELADIA ASSOCIATES
CEC
AAA
ACE
AA
ACC

DRAWING TITLE:
PLAN & PROFILE

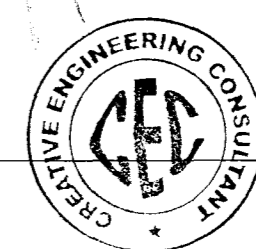
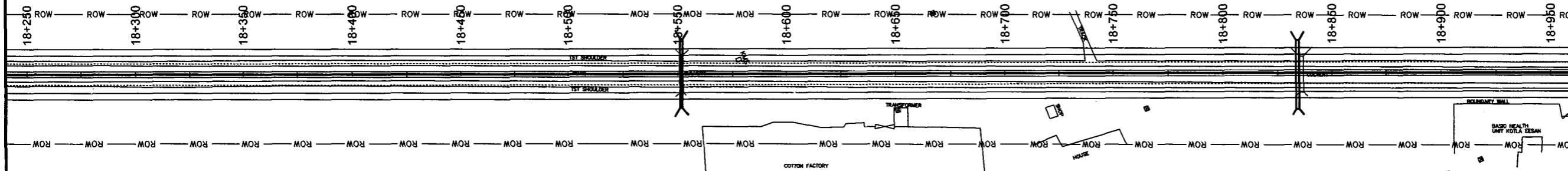
DESIGN BY: S.M	SHEET NO: 27 OF 92
DRAWN BY: S.M	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024
APPROVED BY:	REVISION:

CAD FILE NAME:
CAREC/T-III/TD/002



BOX CULVERT
 STATION = 18+552
 SKEW = 0°
 No. OF CELL = 01
 WIDTH = 1.0
 DEPTH = 1.0

BOX CULVERT
 STATION = 18+834
 SKEW = 0°
 No. OF CELL = 01
 WIDTH = 1.5
 DEPTH = 1.5



NOTES

1:- ALL DIMENSIONS AND ARE IN METERS.

LEGEND

REV.	REVISION/ISSUE	DATE

PROJECT:
 CONSTRUCTION OF RAJANPUR-DG KHAN
 SECTION OF N-65 AS 4-LANE HIGHWAY
 (121.50 km)
 PACKAGE-1
 (Km 0+000 TO Km 57+500)

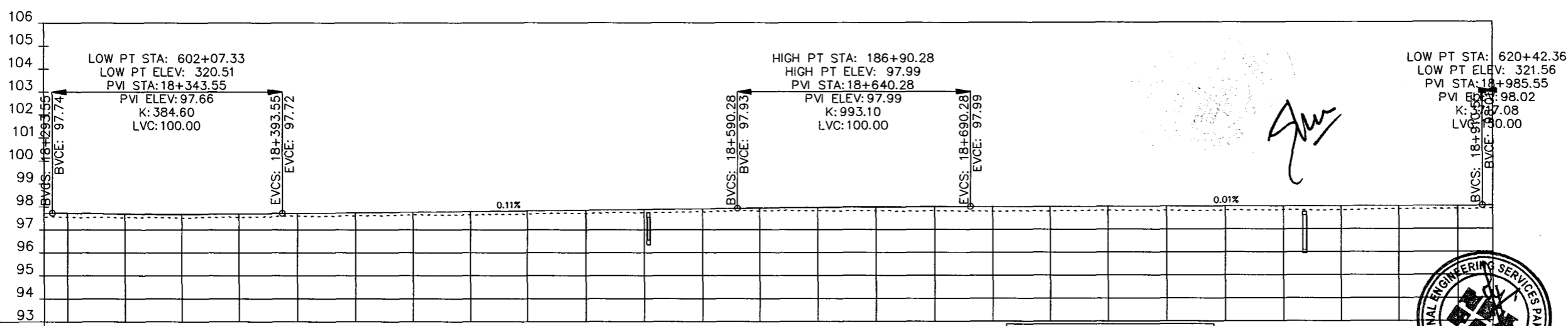
CLIENT:
 NATIONAL HIGHWAYS AUTHORITY (NHA)

- CONSULTANTS:**
- MINCONSULT. SDN BHD
In Joint Venture With
 - SAMAN CORPORATION
 - SHELADIA ASSOCIATES
 - CEC
 - AAA
 - ACE
 - AA
 - ACC

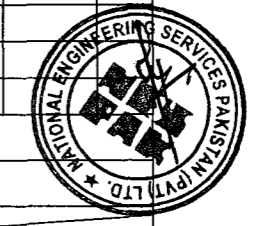
DRAWING TITLE:
 PLAN & PROFILE

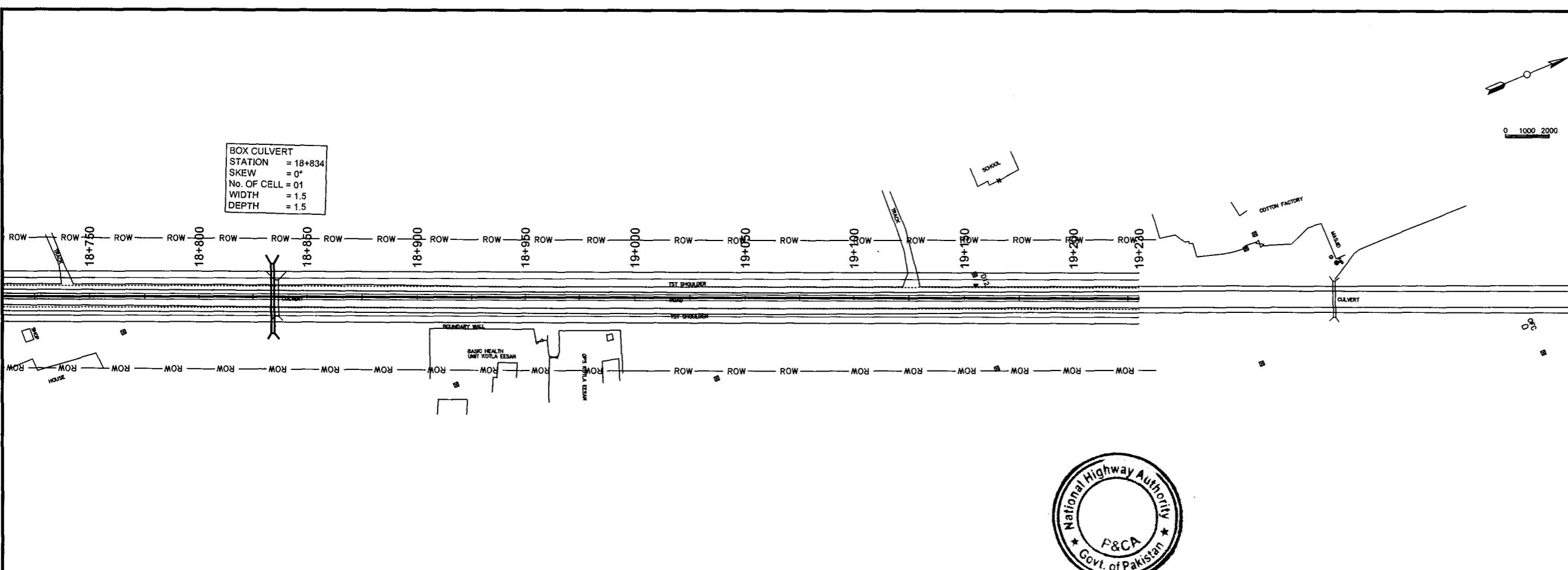
DESIGN BY: S.M	SHEET NO: 28 OF 92
DRAWN BY: S.M	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024
APPROVED BY:	REVISION:

CAD FILE NAME:
 CAREC/T-III/TD/002

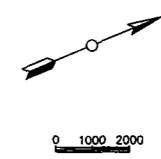


HCD	L=543.50m																		L=88.93m R=37168.00m						L=435.11m					
VCD	Grade (0.11%) Tangent Length (196.73) Chainage (18+590.28) Elevation (97.93)																		Grade (0.01%) Tangent Length (220.27) Chainage (18+910.55) Elevation (98.01)											
P.G.L	97.741	97.727	97.702	97.693	97.700	97.723	97.751	97.778	97.806	97.833	97.861	97.888	97.916	97.943	97.965	97.980	97.989	97.993	97.995	97.998	98.000	98.002	98.005	98.007	98.009	98.012	98.013			
N.S.L	97.561	97.564	97.534	97.517	97.562	97.599	97.607	97.653	97.661	97.703	97.710	97.740	97.775	97.821	97.822	97.808	97.811	97.785	97.799	97.823	97.807	97.823	97.839	97.824	97.857	97.865	97.895			
CH	18+290	18+300	18+325	18+350	18+375	18+400	18+425	18+450	18+475	18+500	18+525	18+550	18+575	18+600	18+625	18+650	18+675	18+700	18+725	18+750	18+775	18+800	18+825	18+850	18+875	18+900	18+915			





BOX CULVERT
 STATION = 18+834
 SKEW = 0°
 No. OF CELL = 01
 WIDTH = 1.5
 DEPTH = 1.5



NOTES
 1:- ALL DIMENSIONS AND ARE IN METERS.

LEGEND

REV.	REVISION/ISSUE	DATE

TENDER DRAWINGS

PROJECT:
 CONSTRUCTION OF RAJANPUR-OG KHAN SECTION OF N-65 AS 4-LANE HIGHWAY (121.50 km)
 PACKAGE-1
 (Km 0+000 TO Km 57+500)

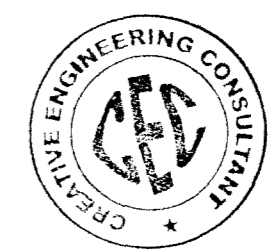
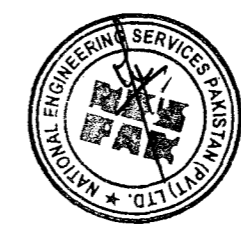
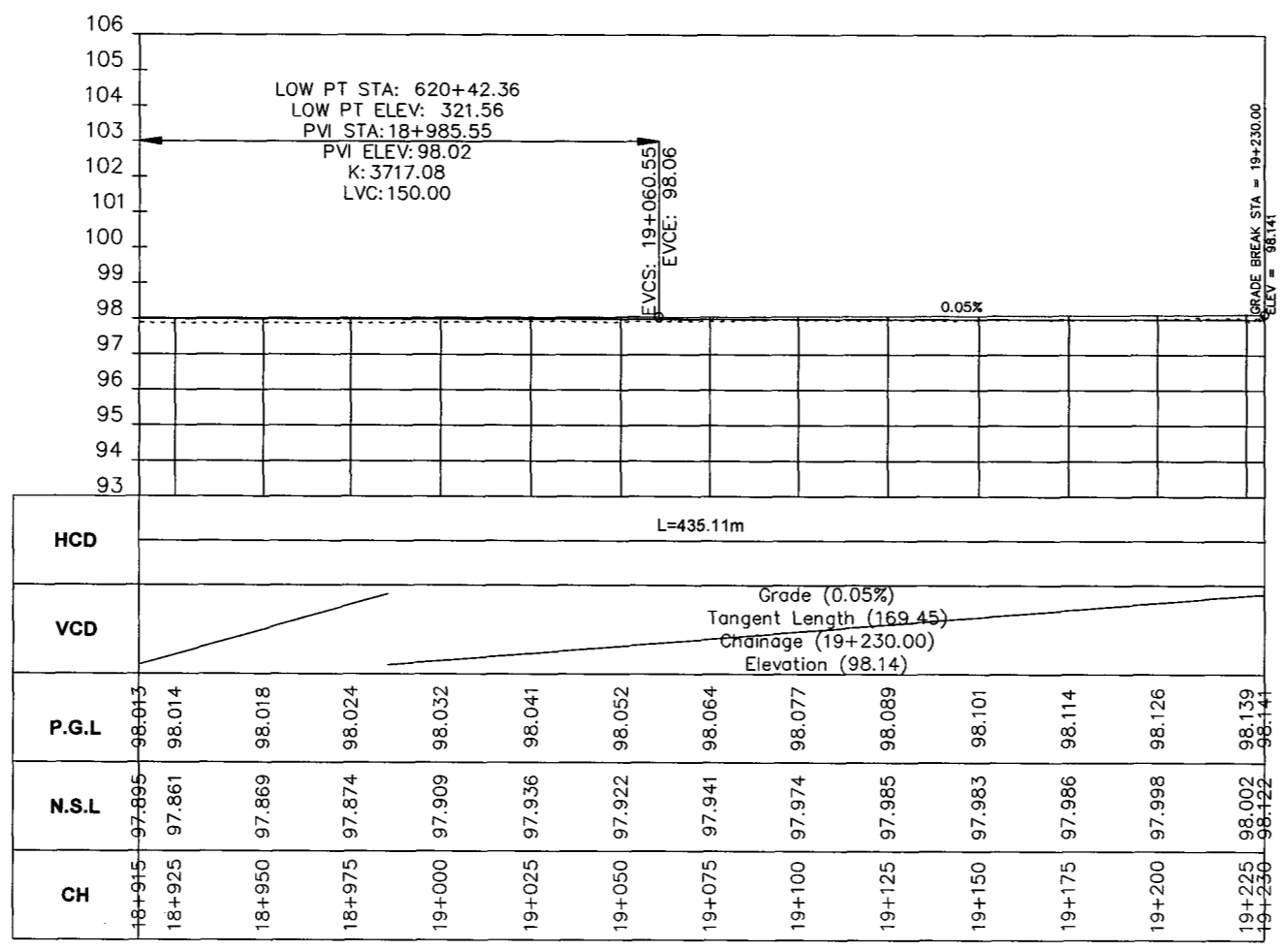
CLIENT:
 NATIONAL HIGHWAYS AUTHORITY (NHA)

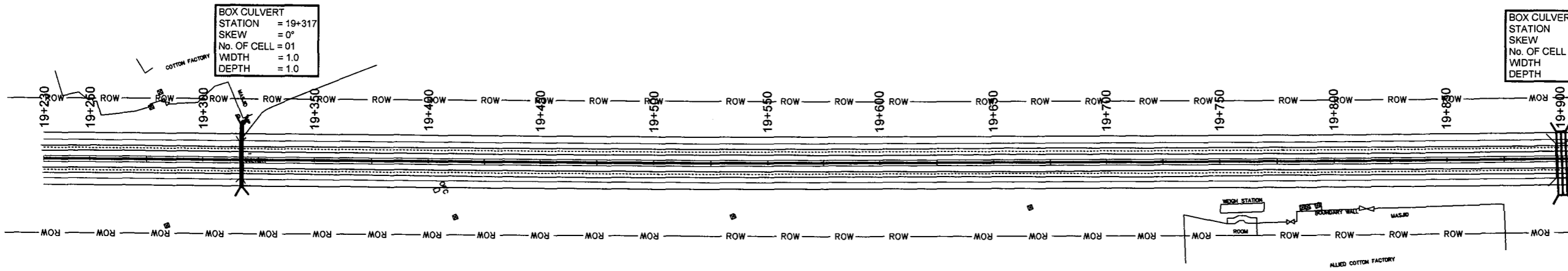
CONSULTANTS:
 MINCONSULT. SDN BHD
 In Joint Venture With
 SAMAN CORPORATION
 SHELADIA ASSOCIATES
 CEC
 AAA
 ACE
 AA
 ACC

DRAWING TITLE:
 PLAN & PROFILE

DESIGN BY: S.M	SHEET NO: 29 OF 92
DRAWN BY: S.M	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024
APPROVED BY:	REVISION:

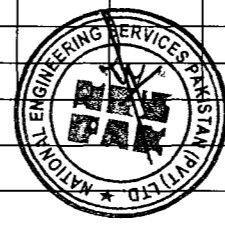
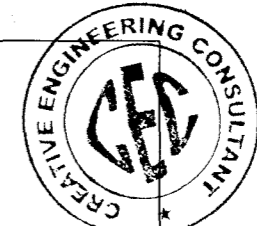
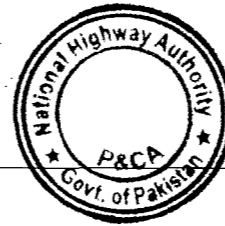
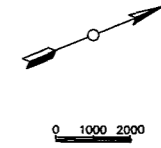
CAD FILE NAME:
 CAREC/T-III/TD/002





BOX CULVERT
 STATION = 19+317
 SKEW = 0°
 No. OF CELL = 01
 WIDTH = 1.0
 DEPTH = 1.0

BOX CULVERT
 STATION
 SKEW
 No. OF CELL
 WIDTH
 DEPTH



NOTES
 1- ALL DIMENSIONS ARE IN METERS.

LEGEND

REV.	REVISION/ISSUE	DATE

TENDER DRAWINGS

PROJECT:
 CONSTRUCTION OF RAJANPUR-DG KHAN SECTION OF N-65 AS 4-LANE HIGHWAY (121.50 km)
 PACKAGE-1 (Km 0+000 TO Km 57+500)

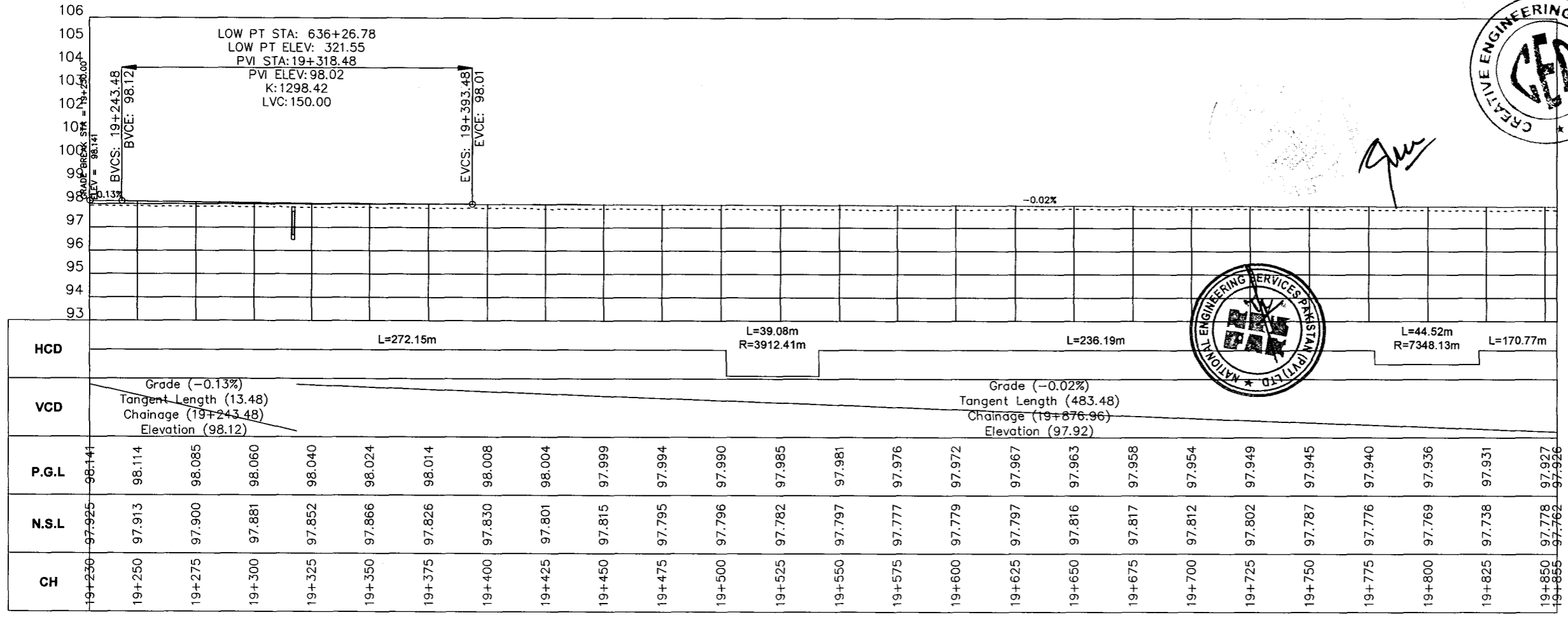
CLIENT:
 NATIONAL HIGHWAYS AUTHORITY (NHA)

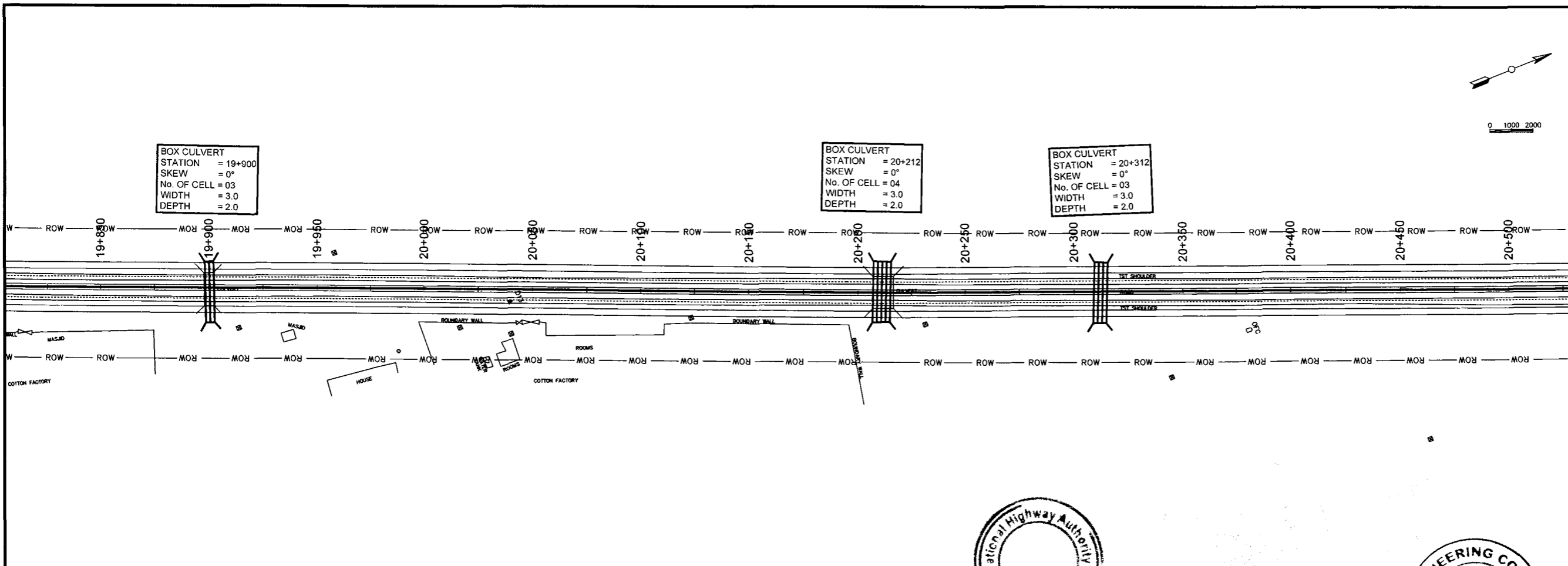
CONSULTANTS:
 MINCONSULT. SDN BHD In Joint Venture With
 SAMAN CORPORATION
 SHELADIA ASSOCIATES
 CEC
 AAA
 ACE
 AA
 ACC

DRAWING TITLE:
 PLAN & PROFILE

DESIGN BY: S.M	SHEET NO: 30 OF 92
DRAWN BY: S.M	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024
APPROVED BY:	REVISION:

CAD FILE NAME:
 CAREC/T-III/TD/003





NOTES
1- ALL DIMENSIONS ARE IN METERS.

LEGEND

REV.	REVISION/ISSUE	DATE

PROJECT:
CONSTRUCTION OF RAJANPUR-DG KHAN SECTION OF N-55 AS 4-LANE HIGHWAY (121.50 km)
PACKAGE-1 (Km 0+000 TO Km 57+500)

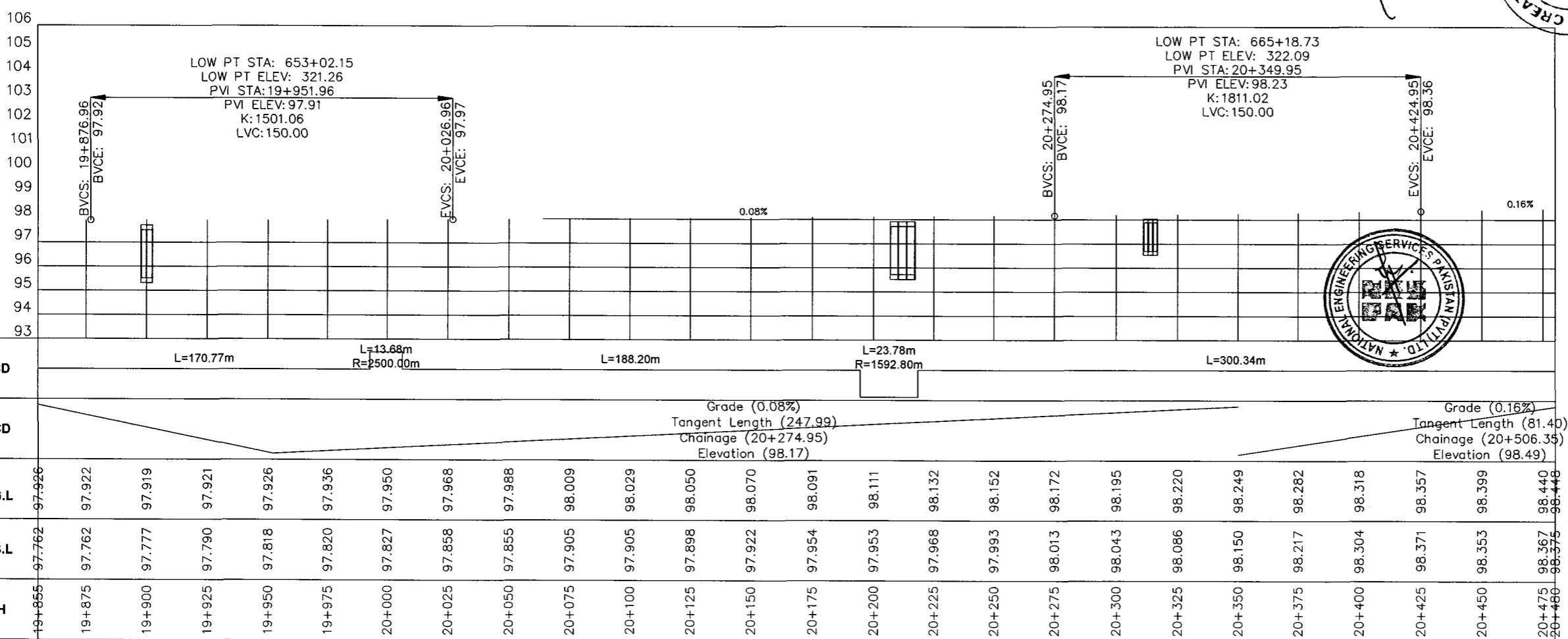
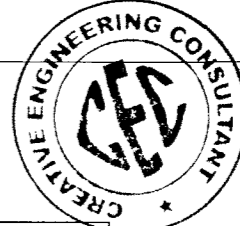
CLIENT:
NATIONAL HIGHWAYS AUTHORITY (NHA)

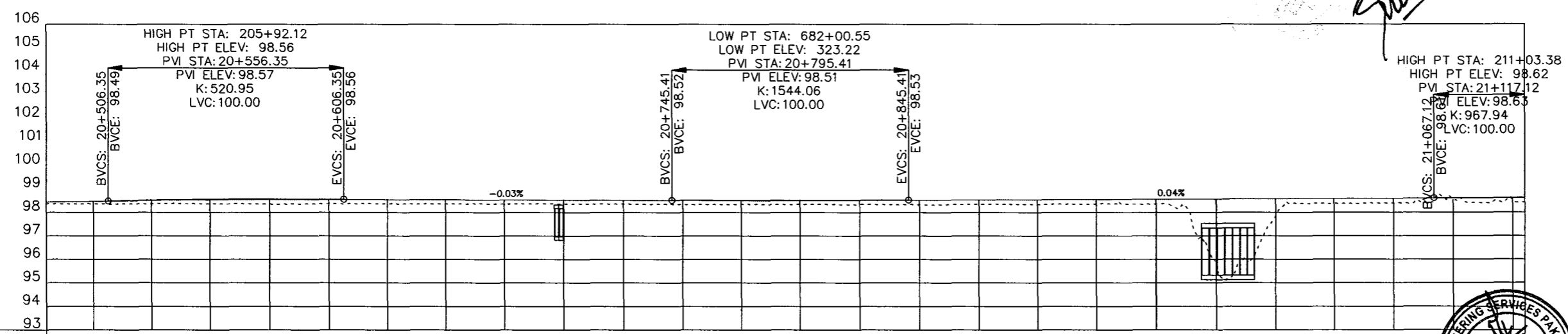
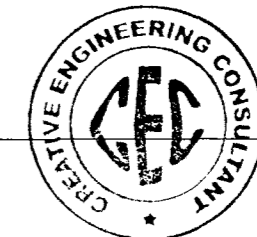
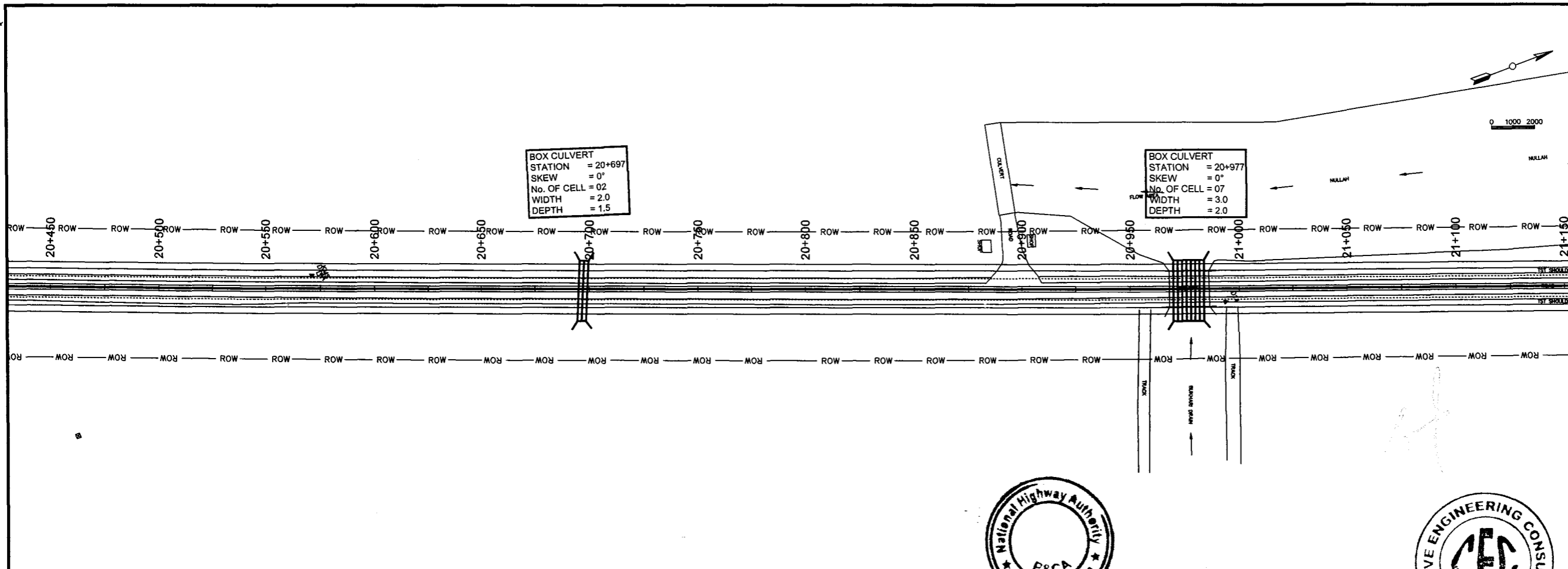
- CONSULTANTS:**
- MINCONSULT SDN BHD In Joint Venture With
 - SAMAN CORPORATION
 - SHELADIA ASSOCIATES
 - CEC
 - AAA
 - ACE
 - AA
 - ACC

DRAWING TITLE:
PLAN & PROFILE

DESIGN BY: S.M	SHEET NO: 31 OF 92
DRAWN BY: S.M	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024
APPROVED BY:	REVISION:

CAD FILE NAME:
CAREC/T-III/TD/003





Station	CH	N.S.L	P.G.L	VCD	HCD
20+480	98.375	98.448			L=300.34m
20+500	98.371	98.481			L=25.82m, R=2500.00m
20+525	98.367	98.519			
20+550	98.368	98.545			
20+575	98.353	98.559			
20+600	98.368	98.561			
20+625	98.373	98.555			
20+650	98.367	98.548			
20+675	98.361	98.541			
20+700	98.368	98.534			
20+725	98.366	98.528			
20+750	98.331	98.521			
20+775	98.353	98.517			
20+800	98.367	98.517			
20+825	98.343	98.521			
20+850	98.333	98.529			
20+875	98.354	98.538			
20+900	98.347	98.548			
20+925	98.346	98.557			
20+950	98.355	98.566			
20+975	95.909	98.576			
21+000	97.864	98.585			
21+025	98.380	98.594			
21+050	98.388	98.604			
21+075	98.523	98.613			
21+100	98.504	98.617			
21+105	98.427	98.617			

NOTES
1:- ALL DIMENSIONS ARE IN METERS.

LEGEND

REV.	REVISION/ISSUE	DATE

TENDER DRAWINGS

PROJECT:
CONSTRUCTION OF RAJANPUR-DG KHAN SECTION OF N-55 AS 4-LANE HIGHWAY (121.50 km) PACKAGE-1 (Km 0+000 TO Km 57+500)

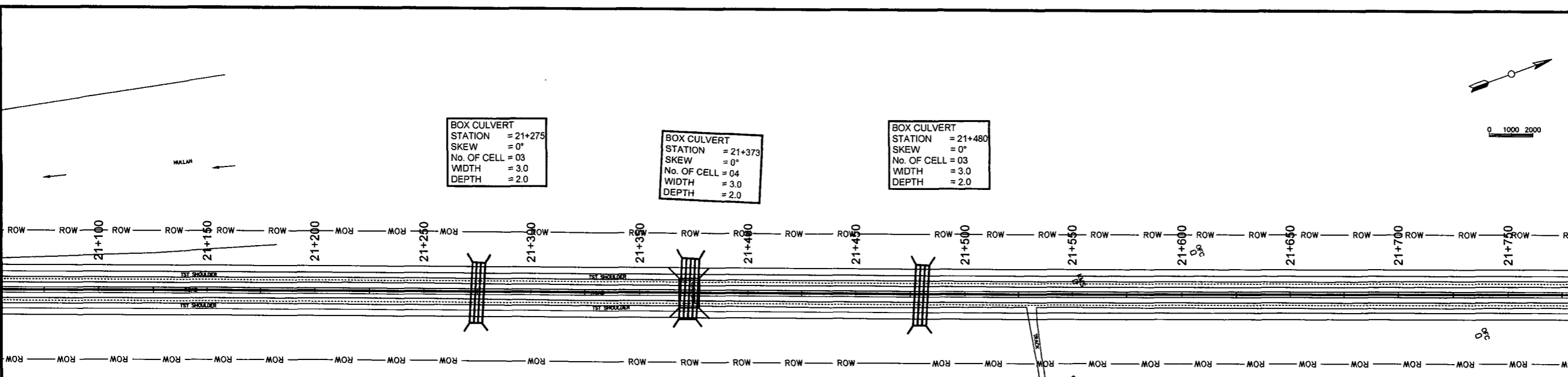
CLIENT:
NATIONAL HIGHWAYS AUTHORITY (NHA)

CONSULTANTS:
MINCONSULT. SDN BHD
SAMAN CORPORATION
SHELADIA ASSOCIATES
CEC
AAA
ACE
AA
ACC

DRAWING TITLE:
PLAN & PROFILE

DESIGN BY: S.M	SHEET NO.: 32 OF 92
DRAWN BY: S.M	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024
APPROVED BY:	REVISION:

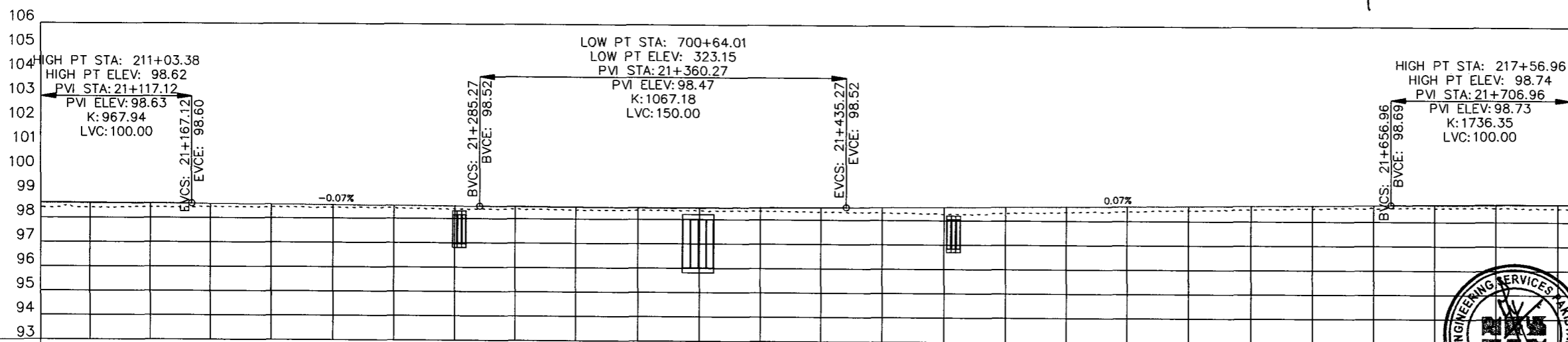
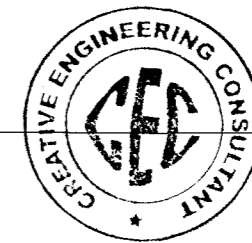
CAD FILE NAME:
CAREC/T-III/TD/003



BOX CULVERT
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 No. OF CELL = 03
 WIDTH = 3.0
 DEPTH = 2.0

BOX CULVERT
 STATION = 21+373
 SKEW = 0°
 No. OF CELL = 04
 WIDTH = 3.0
 DEPTH = 2.0

BOX CULVERT
 STATION = 21+480
 SKEW = 0°
 No. OF CELL = 03
 WIDTH = 3.0
 DEPTH = 2.0



CH	21+105	21+125	21+150	21+175	21+200	21+225	21+250	21+275	21+300	21+325	21+350	21+375	21+400	21+425	21+450	21+475	21+500	21+525	21+550	21+575	21+600	21+625	21+650	21+675	21+700	21+725	21+750
N.S.L	98.427	98.421	98.446	98.462	98.454	98.436	98.447	98.406	98.404	98.380	98.378	98.358	98.366	98.336	98.315	98.264	98.321	98.365	98.429	98.459	98.491	98.533	98.562	98.569	98.588	98.559	98.556
P.G.L	98.617	98.615	98.606	98.591	98.574	98.558	98.541	98.525	98.509	98.499	98.495	98.497	98.504	98.518	98.536	98.554	98.573	98.592	98.610	98.629	98.648	98.667	98.685	98.703	98.717	98.728	98.730
VCD	Grade (-0.07%) Tangent Length (118.15) Chainage (21+285.27) Elevation (98.52)															Grade (0.07%) Tangent Length (221.69) Chainage (21+656.96) Elevation (98.69)											
HCD	L=510.64m															L=25.51m R=7540.00m		L=420.89m									

NOTES
 1- ALL DIMENSIONS ARE IN METERS.

LEGEND

TENDER DRAWINGS

REV.	REVISION/ISSUE	DATE

PROJECT:
 CONSTRUCTION OF RAJANPUR-DG KHAN SECTION OF N-55 AS 4-LANE HIGHWAY (121.50 km) PACKAGE-1 (Km 0+000 TO Km 57+500)

CLIENT:
 NATIONAL HIGHWAYS AUTHORITY (NHA)

CONSULTANTS:
 MINCONSULT. SDN BHD
 In Joint Venture With
 SAMAN CORPORATION
 SHELADIA ASSOCIATES
 CEC
 AAA
 ACE
 AA
 ACC

DRAWING TITLE:
 PLAN & PROFILE

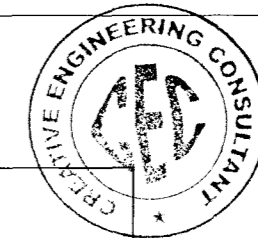
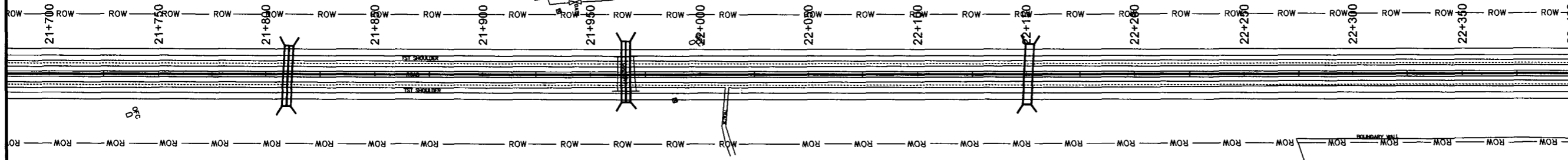
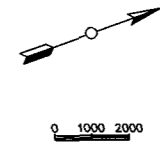
DESIGN BY: S.M	SHEET NO: 33 OF 92
DRAWN BY: S.M	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024
APPROVED BY:	REVISION:

CAD FILE NAME:
 CAREC/T-III/TD/003

BOX CULVERT
 STATION = 21+810
 SKEW = 0°
 No. OF CELL = 02
 WIDTH = 2.5
 DEPTH = 1.5

BOX CULVERT
 STATION = 21+967
 SKEW = 0°
 No. OF CELL = 02
 WIDTH = 3.0
 DEPTH = 2.0

BOX CULVERT
 STATION = 22+151
 SKEW = 0°
 No. OF CELL = 01
 WIDTH = 3.0
 DEPTH = 1.5



NOTES
 1- ALL DIMENSIONS ARE IN METERS.

LEGEND

REV.	REVISION/ISSUE	DATE

TENDER DRAWINGS

PROJECT:
 CONSTRUCTION OF RAJANPUR-DG KHAN SECTION OF N-55 AS 4-LANE HIGHWAY (121.50 km)
 PACKAGE-1 (Km 0+000 TO Km 57+500)

CLIENT:
 NATIONAL HIGHWAYS AUTHORITY (NHA)

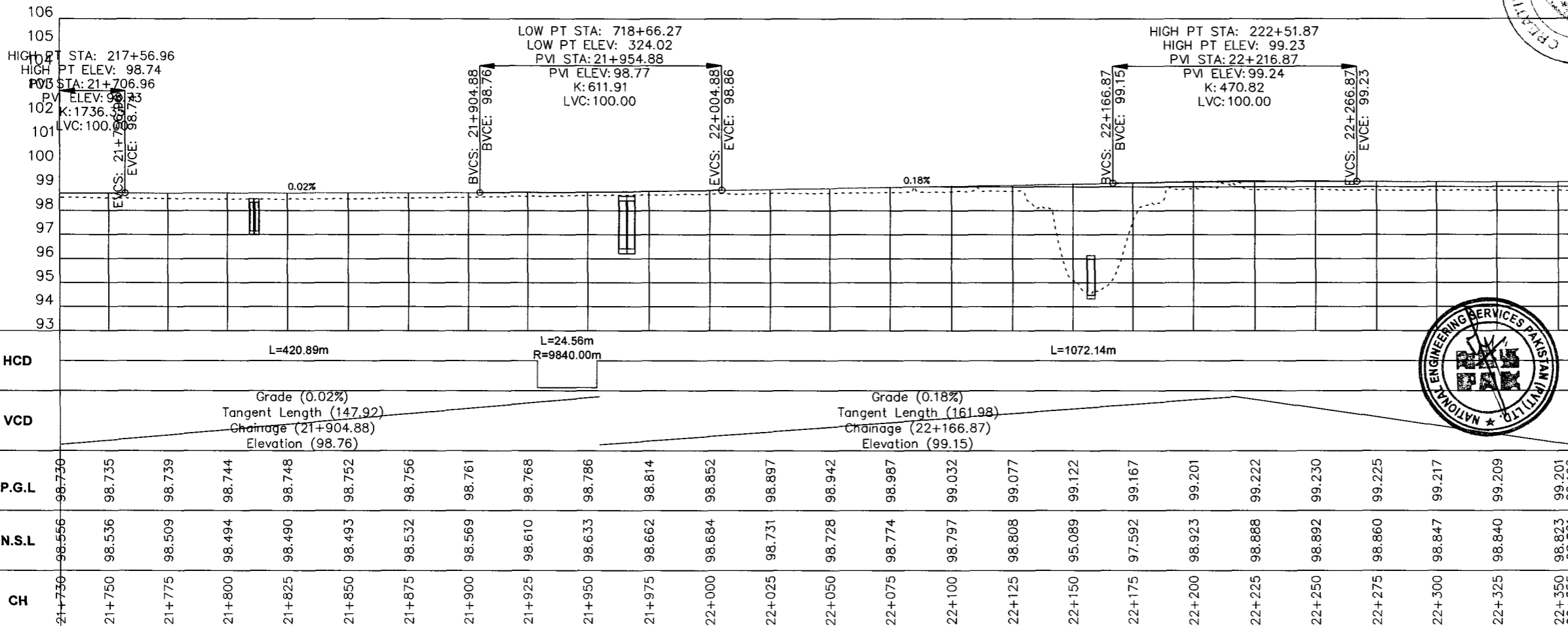
CONSULTANTS:

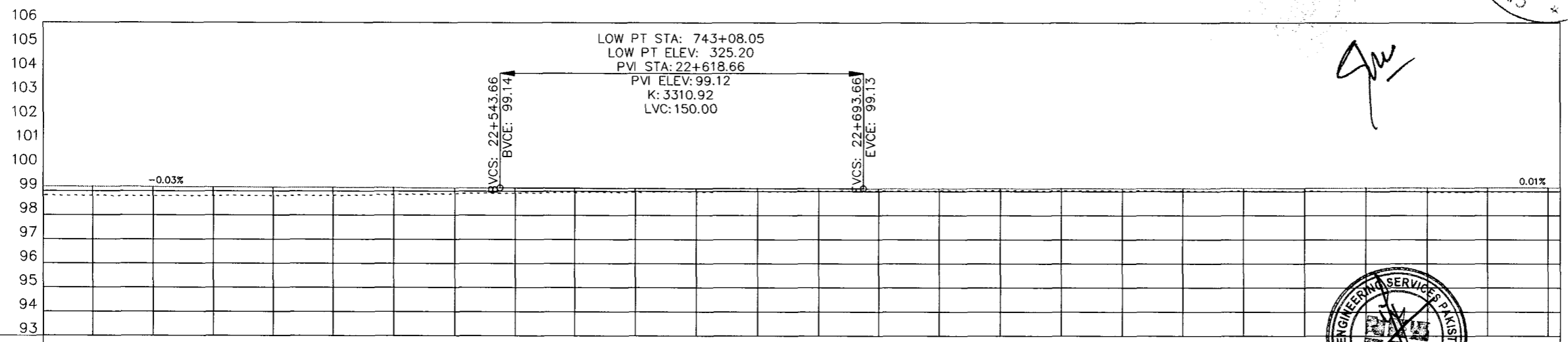
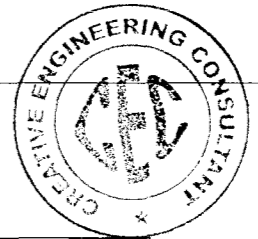
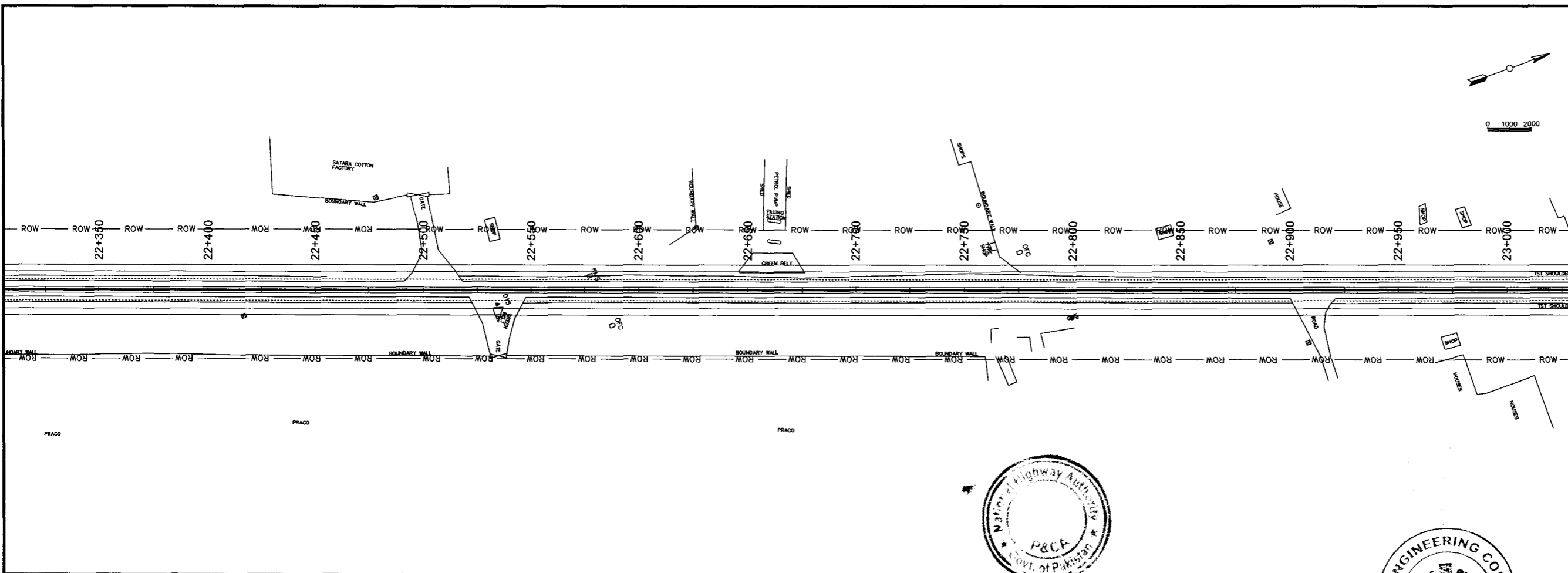
- MINCONSULT. SDN BHD In Joint Venture With
- SAMAN CORPORATION
- SHELADIA ASSOCIATES
- CEC
- AAA
- ACE
- AA
- ACC

DRAWING TITLE:
 PLAN & PROFILE

DESIGN BY: S.M	SHEET NO: 34 OF 92
DRAWN BY: S.M	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024
APPROVED BY:	REVISION:

CAD FILE NAME:
 CAREC/T-III/TD/003





CH	P.G.L	N.S.L
22+355	99.199	98.821
22+375	99.193	98.819
22+400	99.185	98.802
22+425	99.177	98.803
22+450	99.169	98.810
22+475	99.161	98.821
22+500	99.153	98.864
22+525	99.145	98.894
22+550	99.137	98.921
22+575	99.131	98.943
22+600	99.126	98.976
22+625	99.123	98.989
22+650	99.122	98.989
22+675	99.123	99.018
22+700	99.126	99.022
22+725	99.129	99.029
22+750	99.133	99.034
22+775	99.136	99.037
22+800	99.140	99.029
22+825	99.143	99.027
22+850	99.146	99.027
22+875	99.150	99.020
22+900	99.153	99.006
22+925	99.156	98.971
22+950	99.160	98.979
22+975	99.163	98.993
22+990	99.164	98.998

NOTES
1:- ALL DIMENSIONS ARE IN METERS.

LEGEND

REV.	REVISION/ISSUE	DATE

TENDER DRAWINGS

PROJECT:
CONSTRUCTION OF RAJANPUR-DG KHAN SECTION OF N-55 AS 4-LANE HIGHWAY (121.50 km)
PACKAGE-1 (Km 0+000 TO Km 57+500)

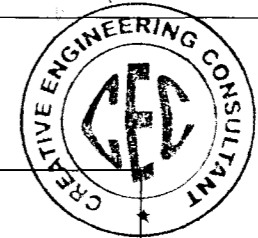
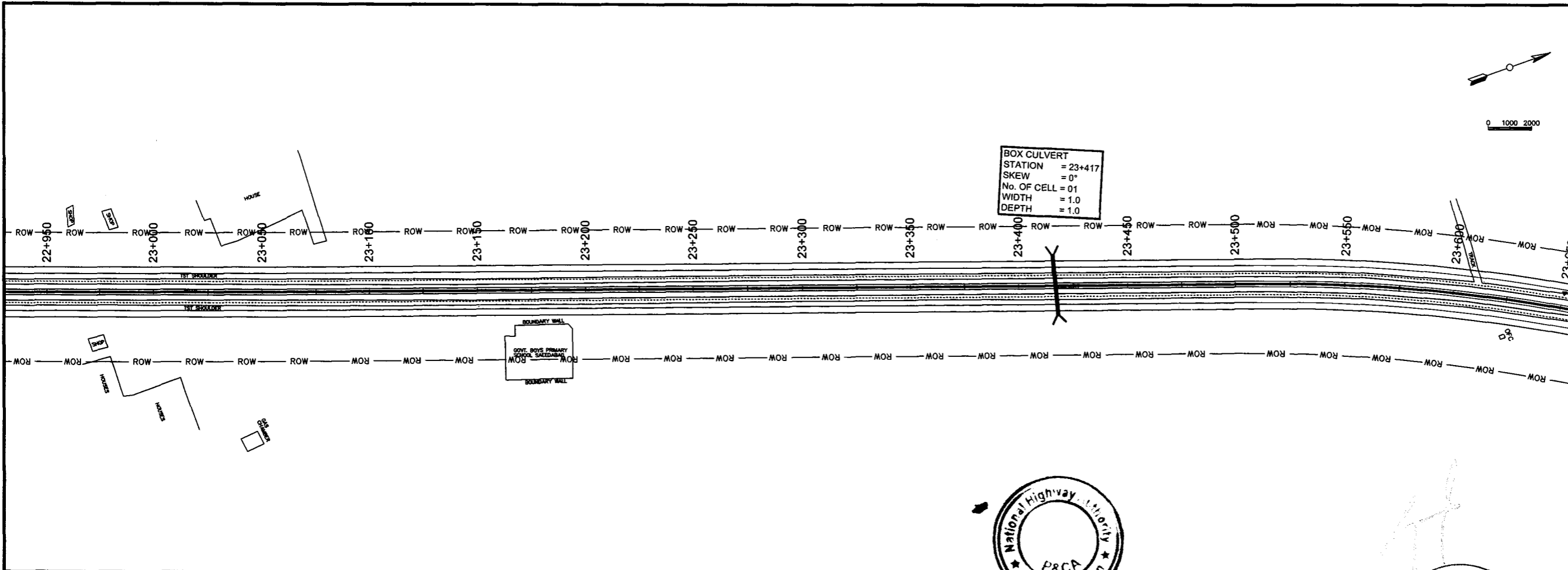
CLIENT:
NHA NATIONAL HIGHWAYS AUTHORITY (NHA)

CONSULTANTS:
MINCONSULT SDN BHD In Joint Venture With
SAMAN CORPORATION
SHELADIA ASSOCIATES
CEC
AAA
ACE
AA
ACC

DRAWING TITLE:
PLAN & PROFILE

DESIGN BY: S.M	SHEET NO: 35 OF 92
DRAWN BY: S.M	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024
APPROVED BY:	REVISION:

CAD FILE NAME:
CAREC/T-III/TD/003



Jan

NOTES
1:- ALL DIMENSIONS ARE IN METERS.

LEGEND

REV.	REVISION/ISSUE	DATE

TENDER DRAWINGS

PROJECT:
CONSTRUCTION OF RAJANPUR-DG KHAN SECTION OF N-65 AS 4-LANE HIGHWAY (121.50 km)
PACKAGE-1
(Km 0+000 TO Km 57+500)

CLIENT:
NATIONAL HIGHWAYS AUTHORITY (NHA)

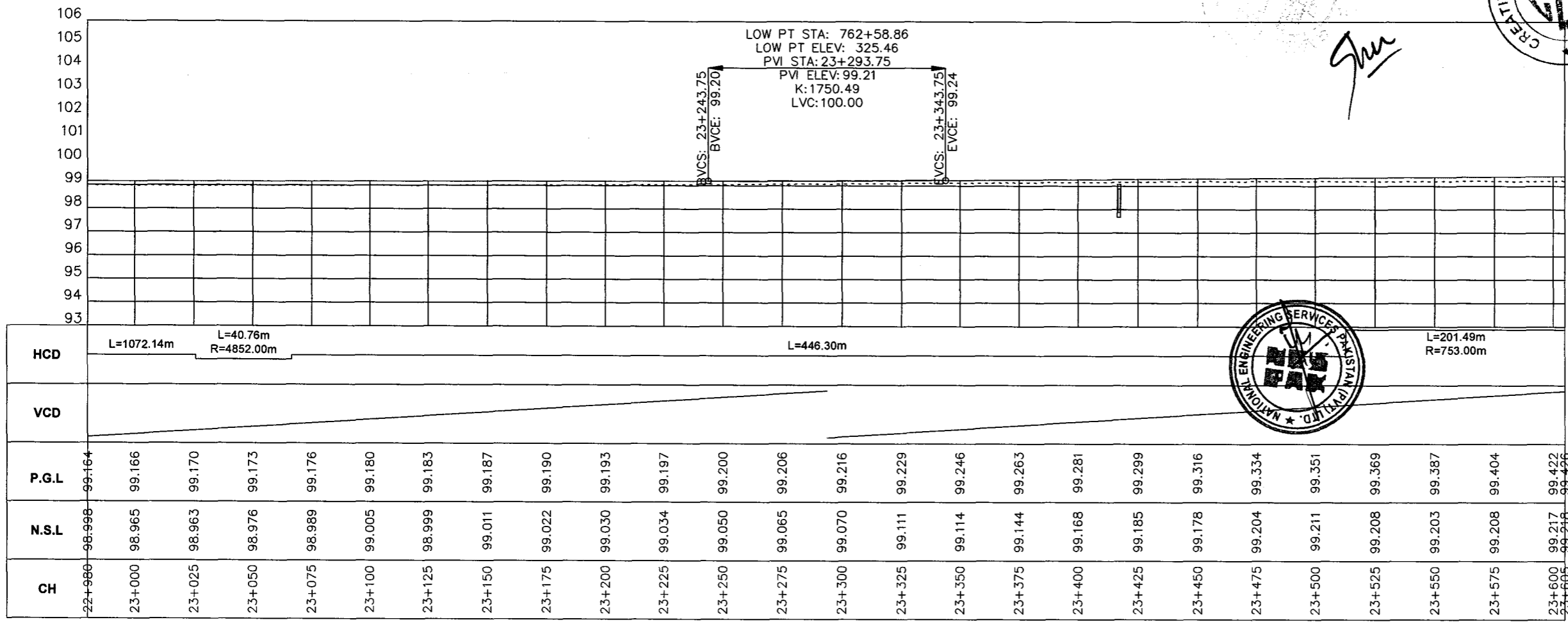
CONSULTANTS:

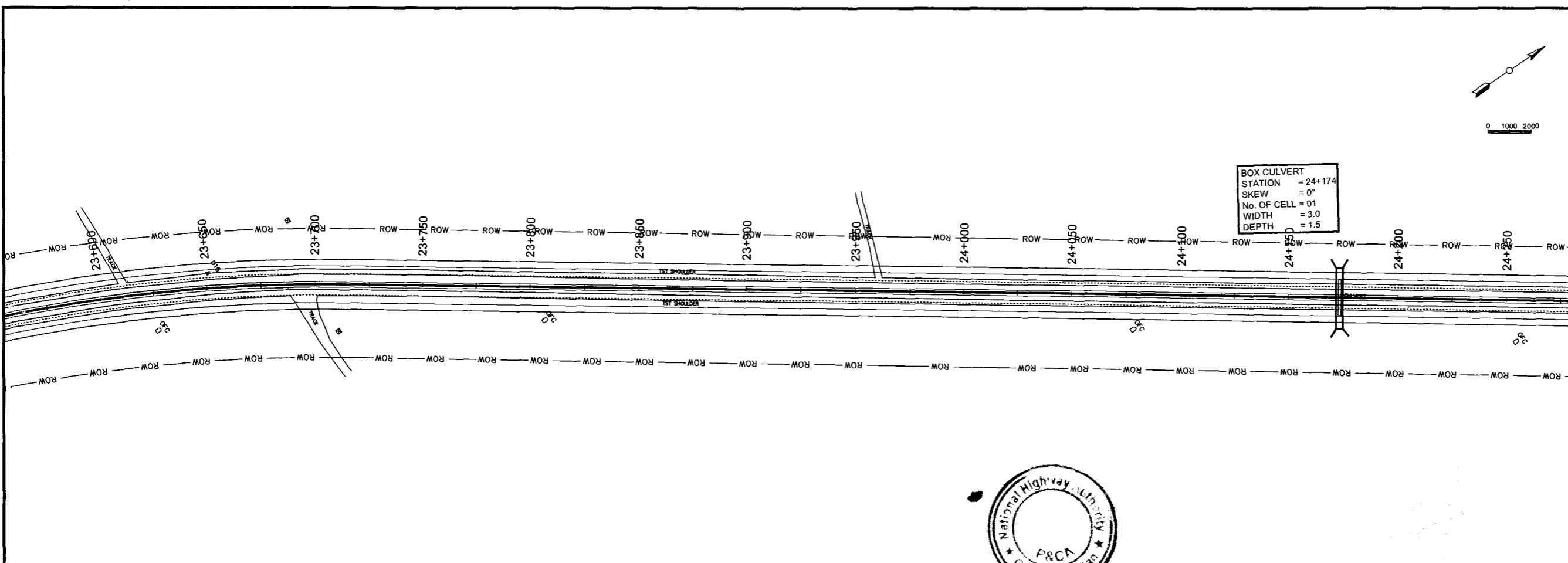
- MINCONSULT SDN BHD In Joint Venture With
- SAMAN CORPORATION
- SHELADIA ASSOCIATES
- CEC
- AAA
- ACE
- AA
- ACC

DRAWING TITLE:
PLAN & PROFILE

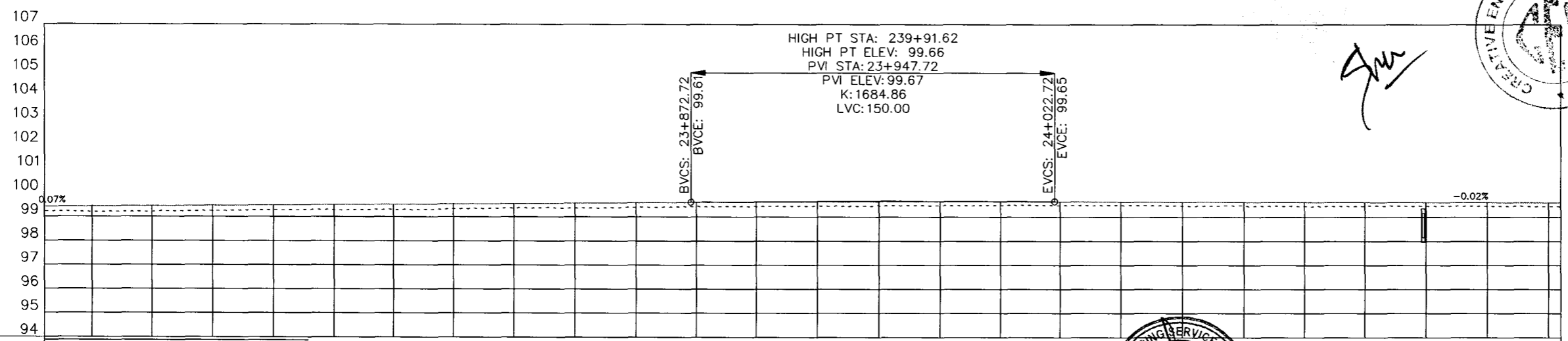
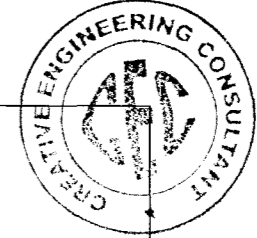
DESIGN BY: S.M	SHEET NO: 36 OF 92
DRAWN BY: S.M	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024
APPROVED BY:	REVISION:

CAD FILE NAME:
CAREC/T-III/TD/003



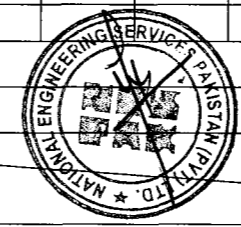


BOX CULVERT
 STATION = 24+174
 SKEW = 0°
 No. OF CELL = 01
 WIDTH = 3.0
 DEPTH = 1.5



HIGH PT STA: 239+91.62
 HIGH PT ELEV: 99.66
 PVI STA: 23+947.72
 PVI ELEV: 99.67
 K: 1684.86
 LVC: 150.00

Station	CH	N.S.L	P.G.L
23+605		99.218	99.426
23+625		99.193	99.440
23+650		99.207	99.457
23+675		99.248	99.475
23+700		99.289	99.493
23+725		99.279	99.510
23+750		99.296	99.528
23+775		99.332	99.546
23+800		99.359	99.563
23+825		99.376	99.581
23+850		99.400	99.598
23+875		99.439	99.616
23+900		99.437	99.632
23+925		99.444	99.643
23+950		99.478	99.651
23+975		99.479	99.656
24+000		99.495	99.656
24+025		99.480	99.653
24+050		99.500	99.649
24+075		99.475	99.644
24+100		99.482	99.639
24+125		99.455	99.635
24+150		99.455	99.630
24+175		99.463	99.625
24+200		99.464	99.621
24+225		99.444	99.616
24+250		99.455	99.615



NOTES
 1- ALL DIMENSIONS ARE IN METERS.

LEGEND

REV.	REVISION/ISSUE	DATE

TENDER DRAWINGS

PROJECT:
 CONSTRUCTION OF RAJANPUR-DG KHAN SECTION OF N-55 AS 4-LANE HIGHWAY (121.50 km)
 PACKAGE-1 (Km 0+000 TO Km 57+500)

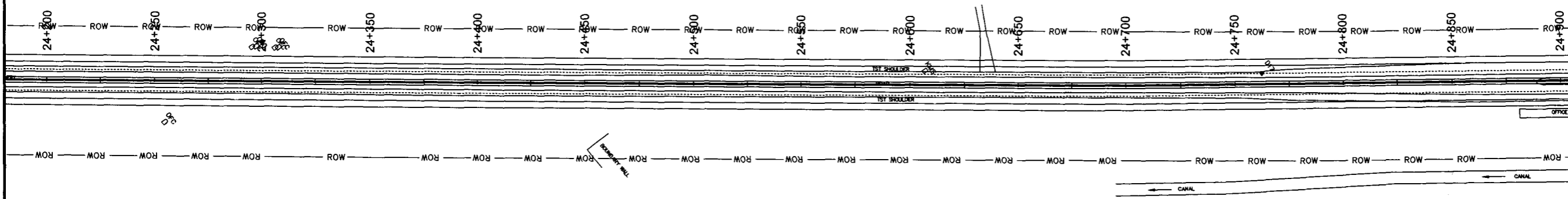
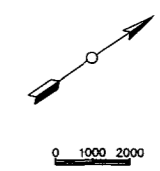
CLIENT:
 NATIONAL HIGHWAYS AUTHORITY (NHA)

CONSULTANTS:
 MINCONSULT SDN BHD In Joint Venture With SAMAN CORPORATION
 SHELADIA ASSOCIATES
 CEC
 AAA
 ACE
 AA
 ACC

DRAWING TITLE:
 PLAN & PROFILE

DESIGN BY:	SHEET NO:
S.M	37 OF 92
DRAWN BY:	SCALE:
S.M	H = 1:2000 V = 1:100
CHECKED BY:	DATE:
A.S	APRIL, 2024
APPROVED BY:	REVISION:

CAD FILE NAME:
 CAREC/T-III/TD/003



NOTES

1- ALL DIMENSIONS ARE IN METERS.

LEGEND

TENDER DRAWINGS		
REV.	REVISION/ISSUE	DATE

PROJECT:
 CONSTRUCTION OF RAJANPUR-DG KHAN SECTION OF N-55 AS 4-LANE HIGHWAY (121.50 km)
 PACKAGE-1
 (Km 0+000 TO Km 57+500)

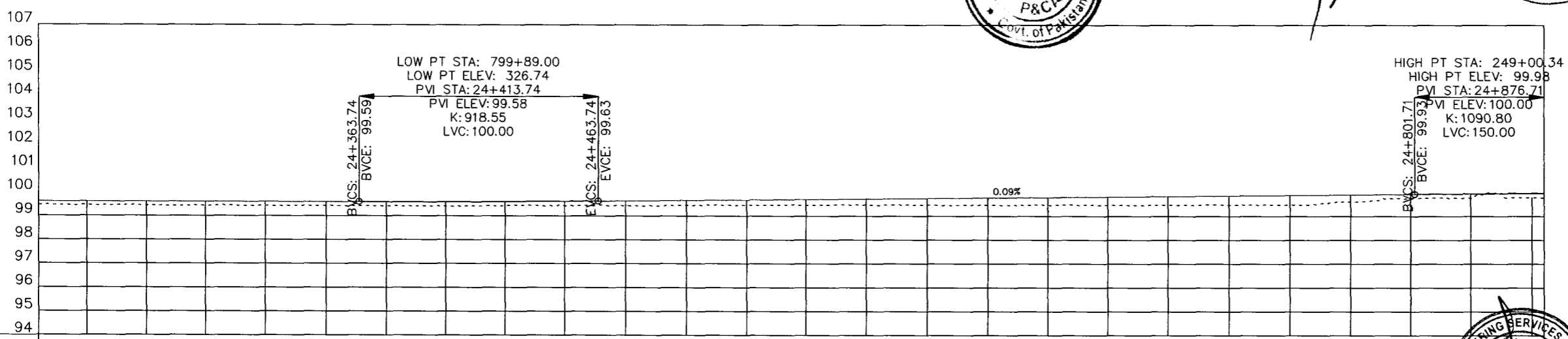
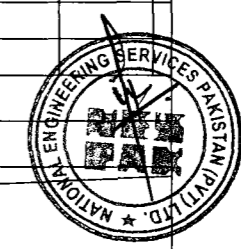
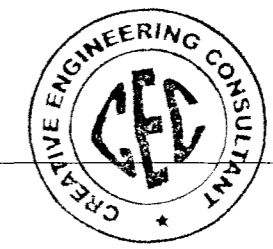
CLIENT:
 NATIONAL HIGHWAYS AUTHORITY (NHA)

- CONSULTANTS:**
- MINCONSULT. SDN BHD
In Joint Venture With
 - SAMAN CORPORATION
 - SHELADIA ASSOCIATES
 - CEC
 - AAA
 - ACE
 - AA
 - ACC

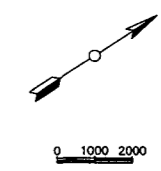
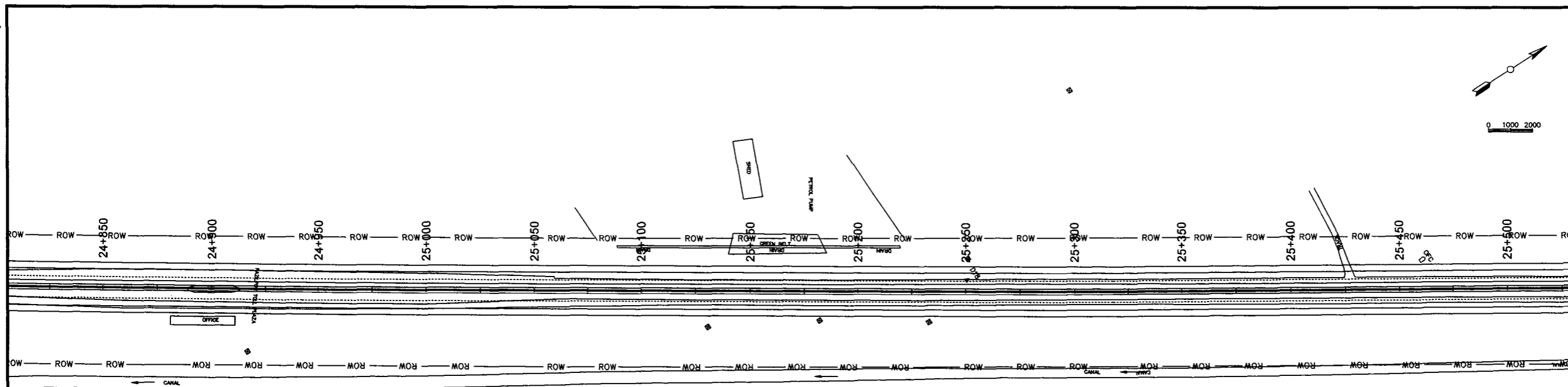
DRAWING TITLE:
 PLAN & PROFILE

DESIGN BY: S.M	SHEET NO.: 38 OF 92
DRAWN BY: S.M	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024
APPROVED BY:	REVISION:

CAD FILE NAME:
 CAREC/T-III/TD/003



HCD	L=344.79m		L=10.03m R=13231.00m		L=282.25m		L=26.59m R=1663.00m		L=232.33m																			
VCD	Grade (0.09%) Tangent Length (337.97) Chainage (24+801.71) Elevation (99.93)																											
P.G.L	24+230	24+250	24+275	24+300	24+325	24+350	24+375	24+400	24+425	24+450	24+475	24+500	24+525	24+550	24+575	24+600	24+625	24+650	24+675	24+700	24+725	24+750	24+775	24+800	24+825	24+850	24+855	
N.S.L	99.455	99.475	99.429	99.442	99.421	99.427	99.419	99.391	99.431	99.435	99.426	99.456	99.457	99.462	99.481	99.465	99.469	99.473	99.458	99.465	99.472	99.478	99.478	99.619	99.767	99.767	99.783	99.778
CH	99.615	99.612	99.607	99.602	99.598	99.593	99.589	99.591	99.600	99.615	99.637	99.659	99.682	99.705	99.727	99.750	99.772	99.795	99.818	99.840	99.863	99.885	99.908	99.931	99.951	99.965	99.967	



NOTES
1- ALL DIMENSIONS ARE IN METERS.

LEGEND

REV.	REVISION/ISSUE	DATE

PROJECT:
CONSTRUCTION OF RAJANPUR-DG KHAN SECTION OF N-65 AS 4-LANE HIGHWAY (121.50 km)
PACKAGE-1 (Km 0+000 TO Km 57+500)

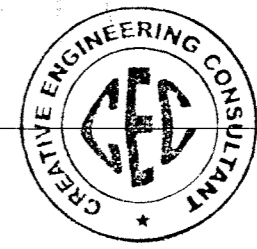
CLIENT:
NATIONAL HIGHWAYS AUTHORITY (NHA)

- CONSULTANTS:**
- MINCONSULT SDN BHD In Joint Venture With
 - SAMAN CORPORATION
 - SHELADIA ASSOCIATES
 - CEC
 - AAA
 - ACE
 - AA
 - ACC

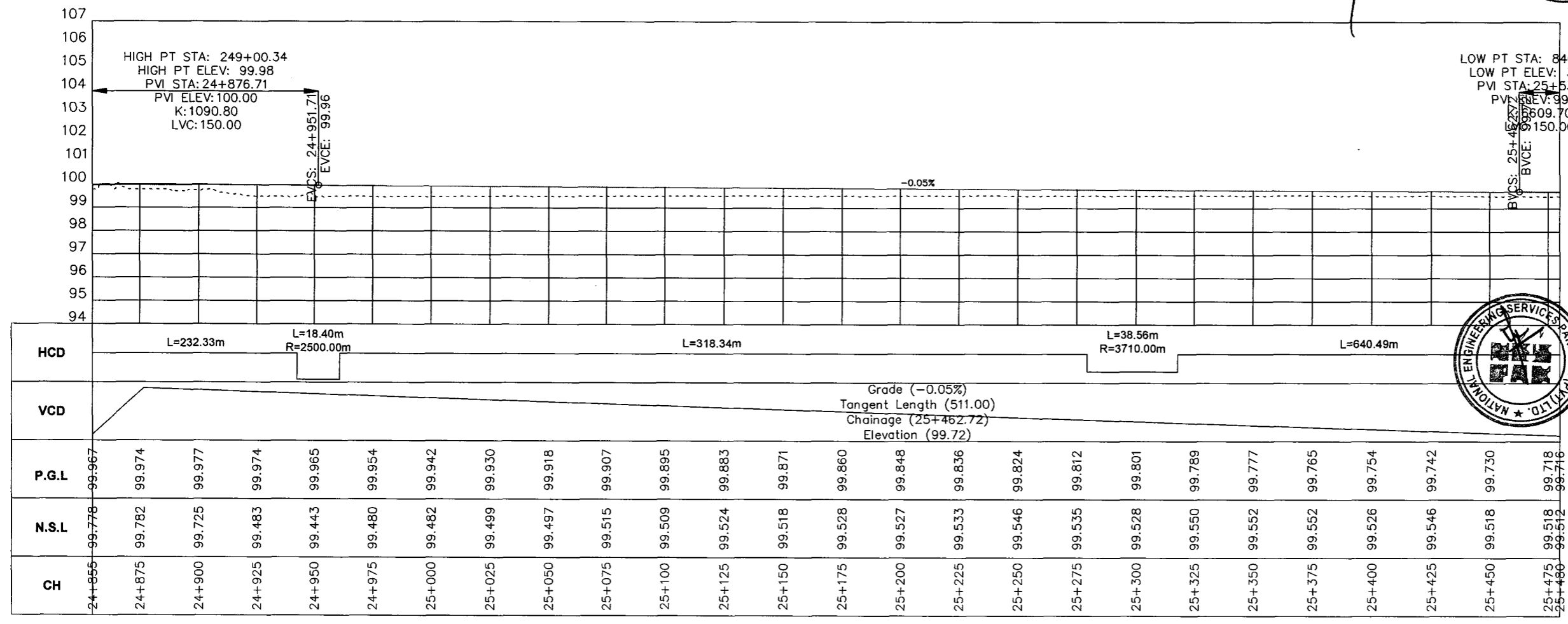
DRAWING TITLE:
PLAN & PROFILE

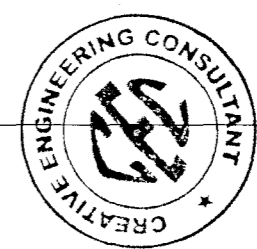
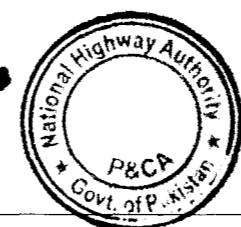
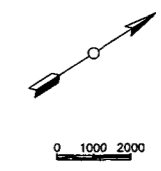
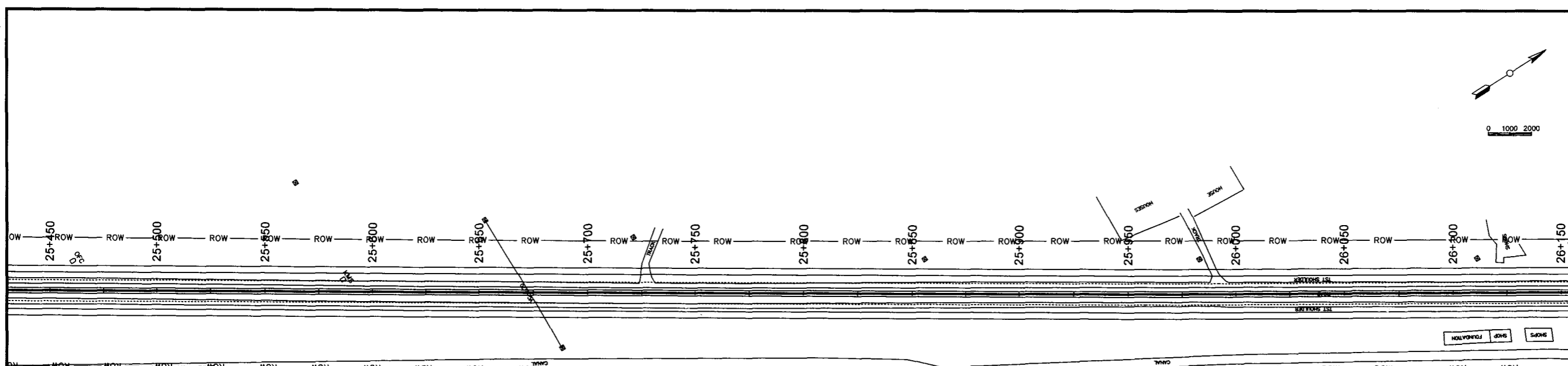
DESIGN BY: S.M	SHEET NO: 39 OF 92
DRAWN BY: S.M	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024
APPROVED BY:	REVISION:

CAD FILE NAME:
CAREC/T-III/TD/003



Signature





Signature

NOTES
1:- ALL DIMENSIONS ARE IN METERS.

LEGEND

REV.	REVISION/ISSUE	DATE

TENDER DRAWINGS

PROJECT:
CONSTRUCTION OF RAJANPUR-DG KHAN SECTION OF N-55 AS 4-LANE HIGHWAY (121.50 km)
PACKAGE-1 (Km 0+000 TO Km 57+500)

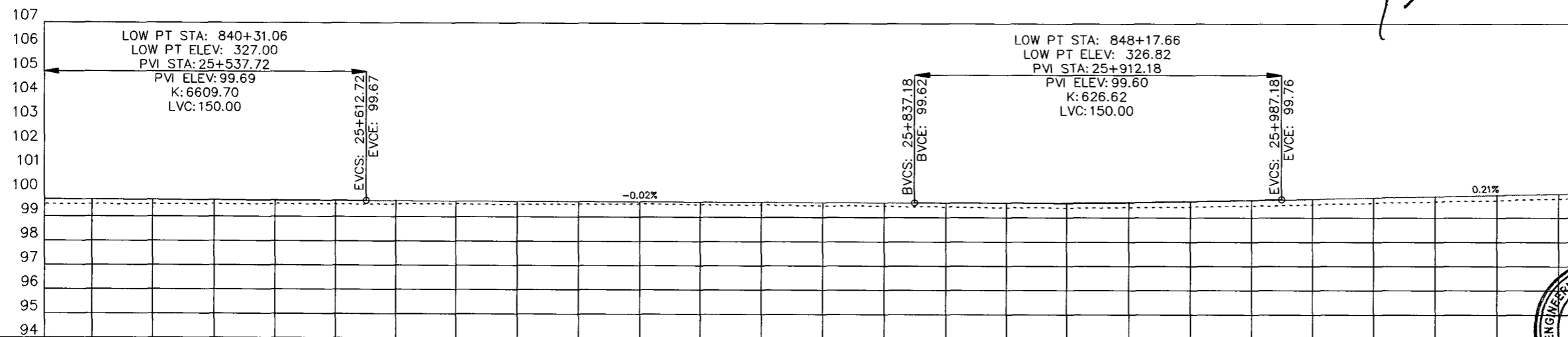
CLIENT:
NATIONAL HIGHWAYS AUTHORITY (NHA)

CONSULTANTS:
MINCONSULT. SDN BHD
In Joint Venture With
SAMAN CORPORATION
SHELADIA ASSOCIATES
CEC
AAA
ACE
AA
ACC

DRAWING TITLE:
PLAN & PROFILE

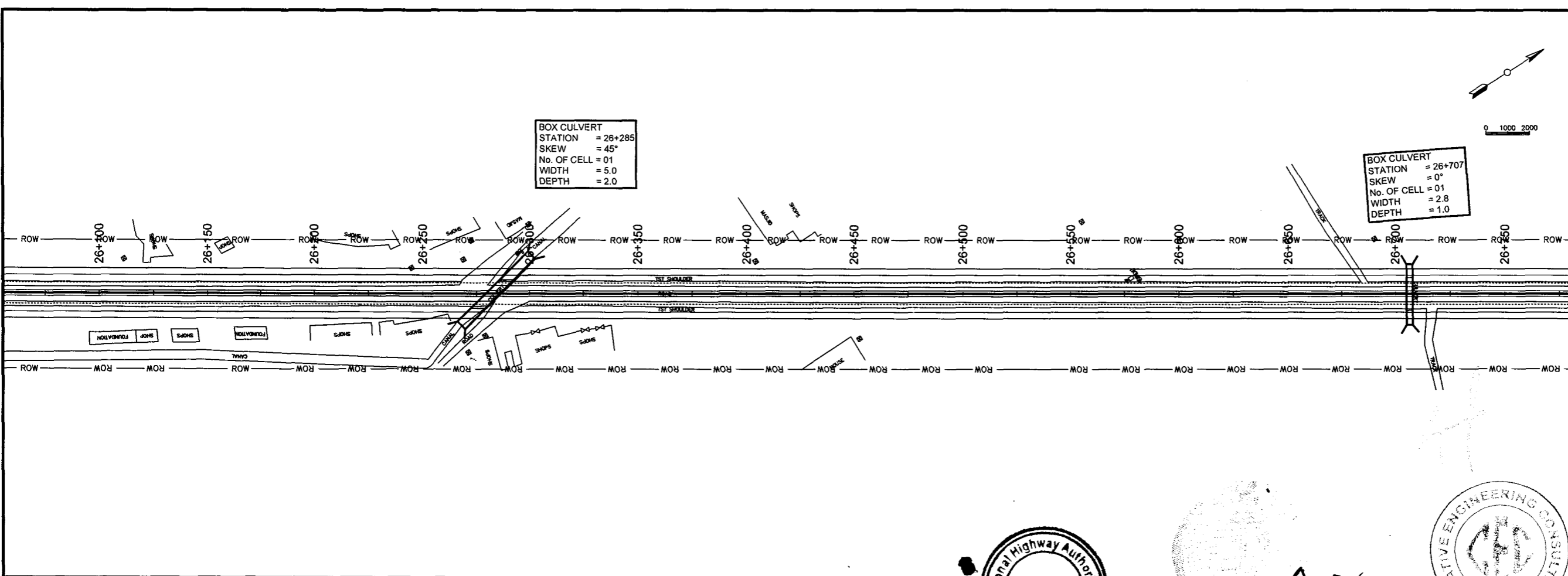
DESIGN BY: S.M	SHEET NO: 40 OF 92
DRAWN BY: S.M	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024
APPROVED BY:	REVISION:

CAD FILE NAME:
CAREC/T-III/TD/003



HCD	L=640.49m																										L=33.42m R=4073.00m	L=229.23m	
VCD	Grade (-0.02%) Tangent Length (224.46) Chainage (25+837.18) Elevation (99.62)																										Grade (0.21%) Tangent Length (166.40) Chainage (26+153.58) Elevation (100.12)		
P.G.L	99.746	99.707	99.698	99.689	99.681	99.674	99.667	99.661	99.655	99.649	99.643	99.637	99.631	99.625	99.619	99.614	99.618	99.632	99.656	99.690	99.733	99.786	99.840	99.894	99.947	100.001			
N.S.L	99.512	99.513	99.518	99.520	99.532	99.517	99.536	99.531	99.537	99.535	99.542	99.526	99.514	99.474	99.489	99.442	99.410	99.410	99.433	99.451	99.500	99.561	99.618	99.675	99.717	99.804			
CH	25+480	25+500	25+525	25+550	25+575	25+600	25+625	25+650	25+675	25+700	25+725	25+750	25+775	25+800	25+825	25+850	25+875	25+900	25+925	25+950	25+975	26+000	26+025	26+050	26+075	26+100			





BOX CULVERT
 STATION = 26+285
 SKEW = 45°
 No. OF CELL = 01
 WIDTH = 5.0
 DEPTH = 2.0

BOX CULVERT
 STATION = 26+707
 SKEW = 0°
 No. OF CELL = 01
 WIDTH = 2.8
 DEPTH = 1.0

NOTES
 1- ALL DIMENSIONS ARE IN METERS.

LEGEND

TENDER DRAWINGS		
REV.	REVISION/ISSUE	DATE

PROJECT:
 CONSTRUCTION OF RAJANPUR-DG KHAN
 SECTION OF N-55 AS 4-LANE HIGHWAY
 (121.50 km)
 PACKAGE-1
 (Km 0+000 TO Km 57+500)

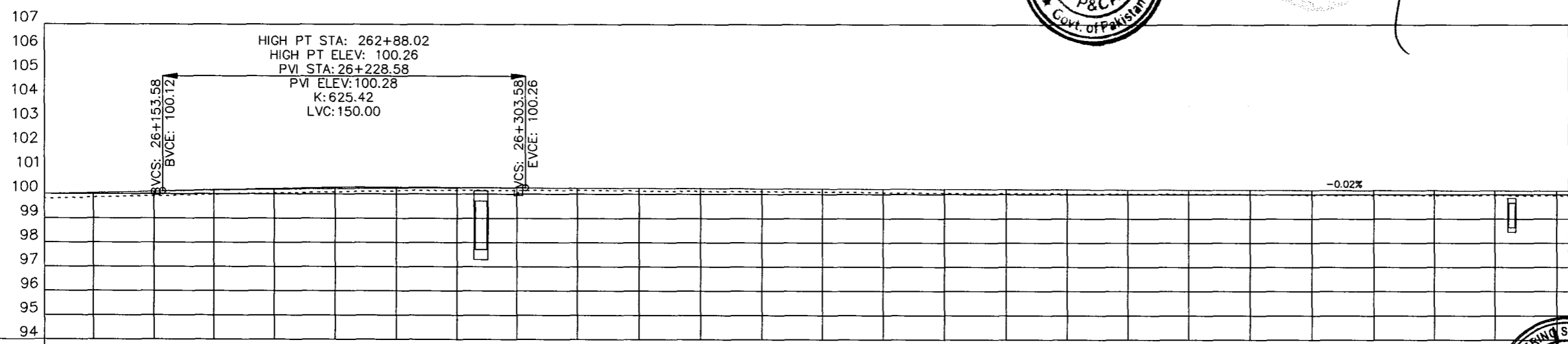
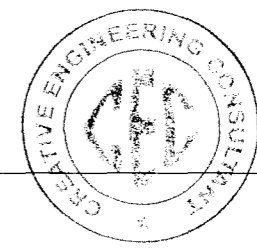
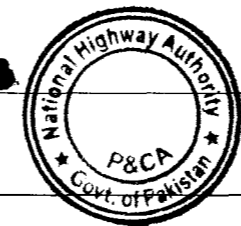
CLIENT:
 NATIONAL HIGHWAYS
 AUTHORITY (NHA)

- CONSULTANTS:**
- MINCONSULT SDN BHD
In Joint Venture With
 - SAMAN CORPORATION
 - SHELADIA ASSOCIATES
 - CEC
 - AAA
 - ACE
 - AA
 - ACC

DRAWING TITLE:
 PLAN & PROFILE

DESIGN BY: S.M	SHEET NO: 41 OF 92
DRAWN BY: S.M	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL 2024
APPROVED BY:	REVISION:

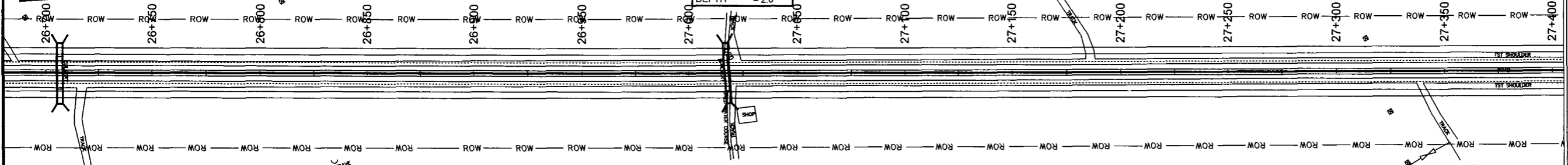
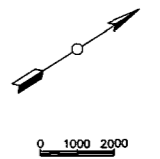
CAD FILE NAME:
 CAREC/T-III/TD/003



HCD	L=229.23m		L=35.97m R=30998.75m		L=669.23m																							
VCD	Grade (-0.02%) Tangent Length (669.08) Chainage (26+972.66) Elevation (100.09)																											
P.G.L	100.012	100.055	100.109	100.159	100.199	100.229	100.249	100.259	100.260	100.253	100.247	100.241	100.235	100.229	100.222	100.216	100.210	100.204	100.197	100.191	100.185	100.179	100.173	100.166	100.160	100.154	100.148	100.142
N.S.L	99.804	99.853	99.917	99.970	100.040	100.088	100.132	100.147	100.164	100.168	100.125	100.120	100.116	100.098	100.076	100.055	100.035	100.023	100.034	100.011	99.996	99.987	99.960	99.952	99.968	99.950	99.963	99.975
CH	26+105	26+125	26+150	26+175	26+200	26+225	26+250	26+275	26+300	26+325	26+350	26+375	26+400	26+425	26+450	26+475	26+500	26+525	26+550	26+575	26+600	26+625	26+650	26+675	26+700	26+725	26+750	

BOX CULVERT
 STATION = 26+707
 SKEW = 0°
 No. OF CELL = 01
 WIDTH = 2.8
 DEPTH = 1.0

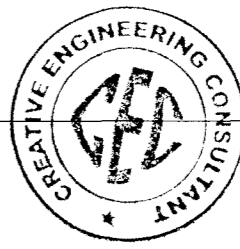
BOX CULVERT
 STATION = 27+018
 SKEW = 0°
 No. OF CELL = 01
 WIDTH = 1.0
 DEPTH = 2.0



NOTES
 1- ALL DIMENSIONS ARE IN METERS.

LEGEND

REV.	REVISION/ISSUE	DATE

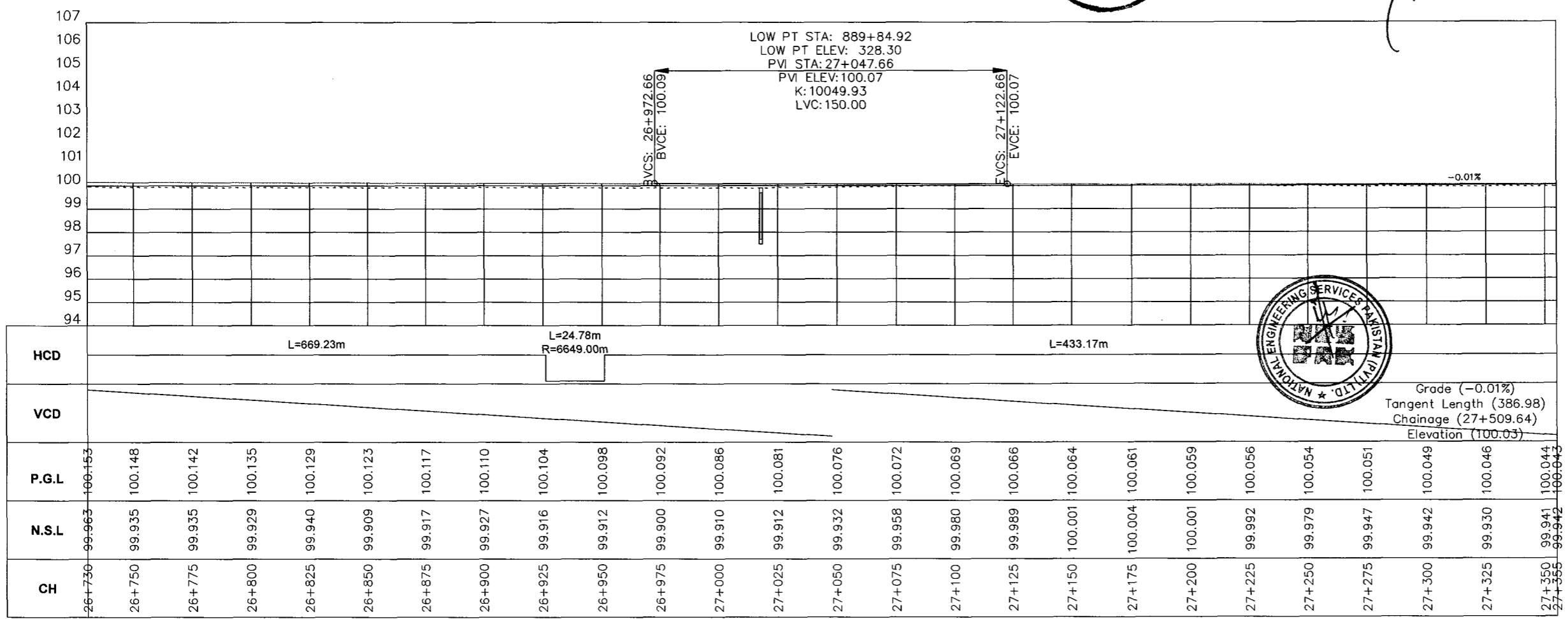
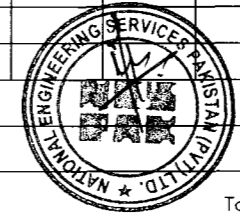


S.M.

PROJECT:
 CONSTRUCTION OF RAJANPUR-DG KHAN
 SECTION OF N-55 AS 4-LANE HIGHWAY
 (121.50 km)
 PACKAGE-1
 (Km 0+000 TO Km 57+500)

CLIENT:
 NATIONAL HIGHWAYS AUTHORITY (NHA)

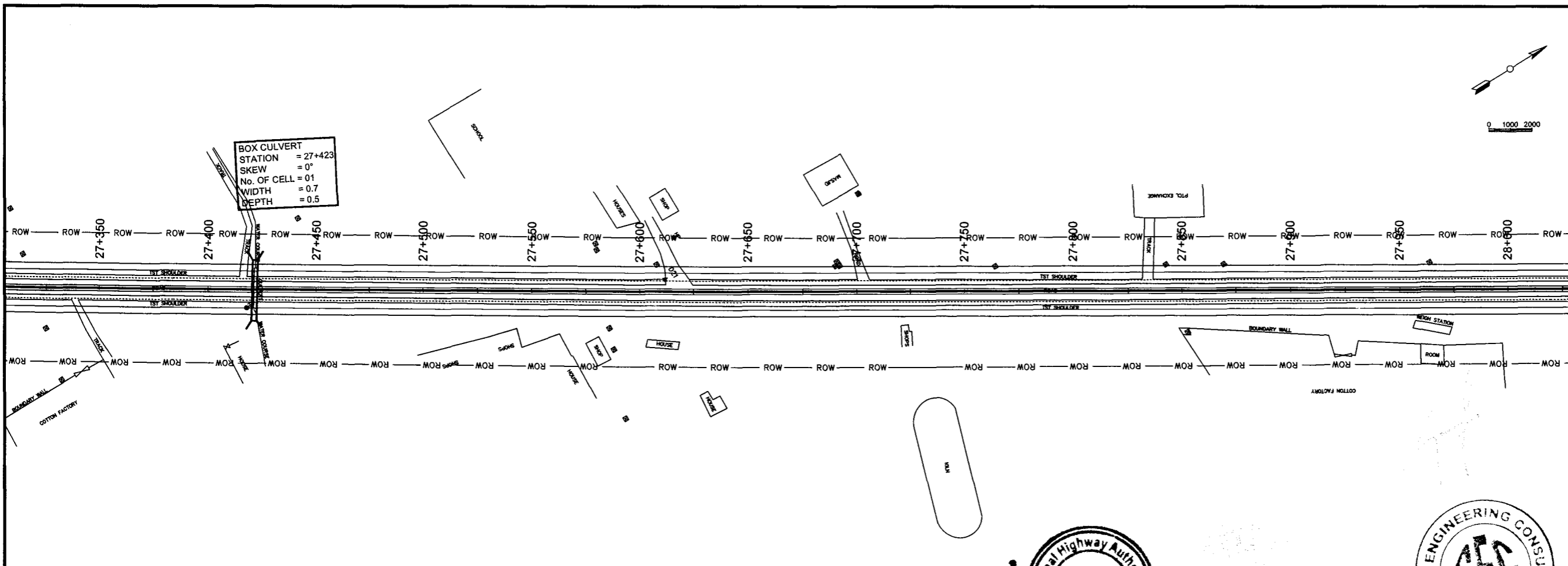
- CONSULTANTS:**
- MINCONSULT SDN BHD
In Joint Venture With
 - SAMAN CORPORATION
 - SHELADIA ASSOCIATES
 - CEC
 - AAA
 - ACE
 - AA
 - ACC



DRAWING TITLE:
 PLAN & PROFILE

DESIGN BY: S.M	SHBET NO: 42 OF 92
DRAWN BY: S.M	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024
APPROVED BY:	REVISION:

CAD FILE NAME:
 CAREC/T-III/TD/003



NOTES
 1- ALL DIMENSIONS ARE IN METERS.

LEGEND

REV.	REVISION/ISSUE	DATE

PROJECT:
 CONSTRUCTION OF RAJANPUR-DG KHAN SECTION OF N-55 AS 4-LANE HIGHWAY (121.50 km)
 PACKAGE-1 (Km 0+000 TO Km 57+500)

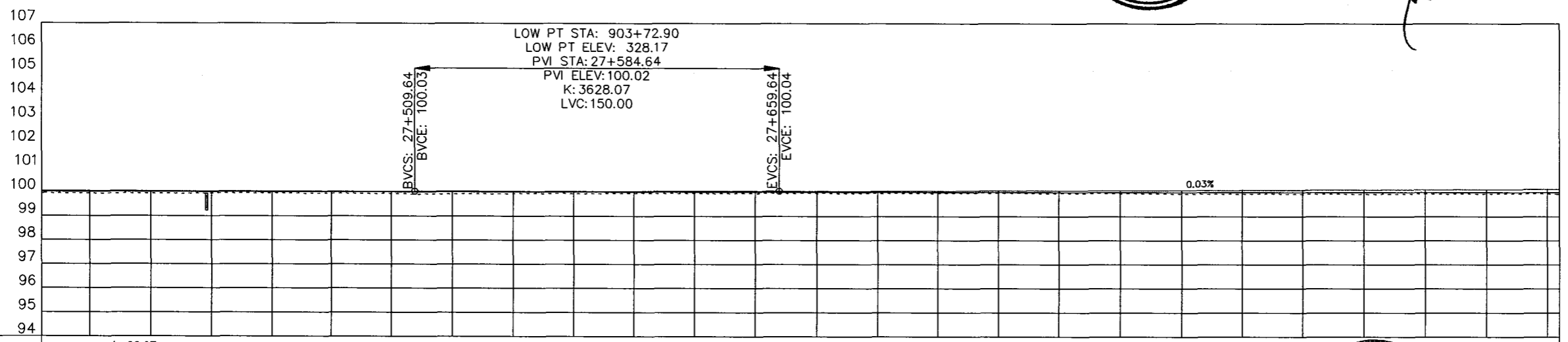
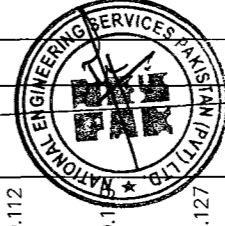
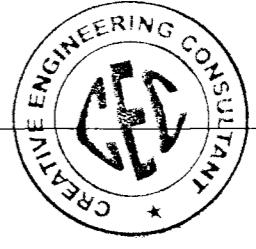
CLIENT:
 NATIONAL HIGHWAYS AUTHORITY (NHA)

- CONSULTANTS:**
- MINCONSULT SDN BHD In Joint Venture With
 - SAMAN CORPORATION
 - SHELADIA ASSOCIATES
 - CEC
 - AAA
 - ACE
 - AA
 - ACC

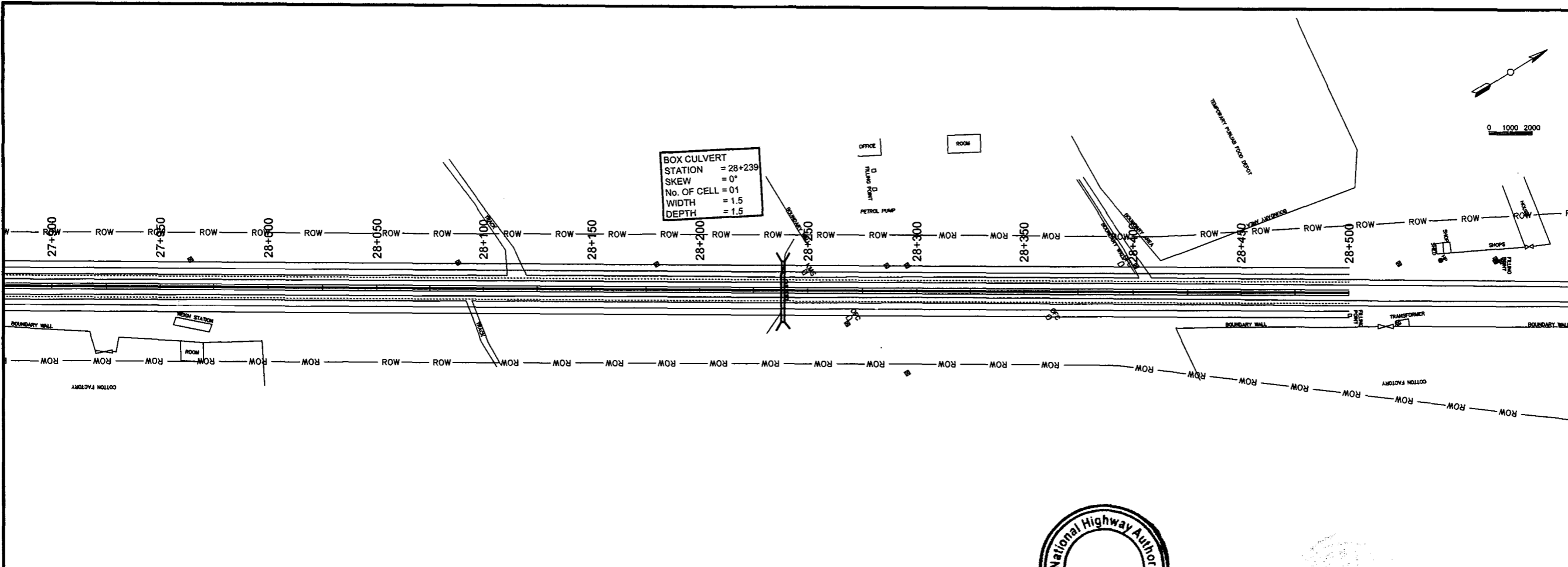
DRAWING TITLE:
 PLAN & PROFILE

DESIGN BY: S.M	SHEET NO: 43 OF 92
DRAWN BY: S.M	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024
APPROVED BY:	REVISION:

CAD FILE NAME:
 CAREC/T-III/TD/003



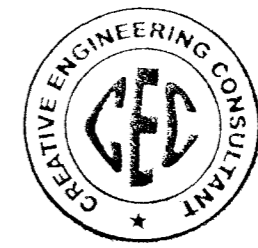
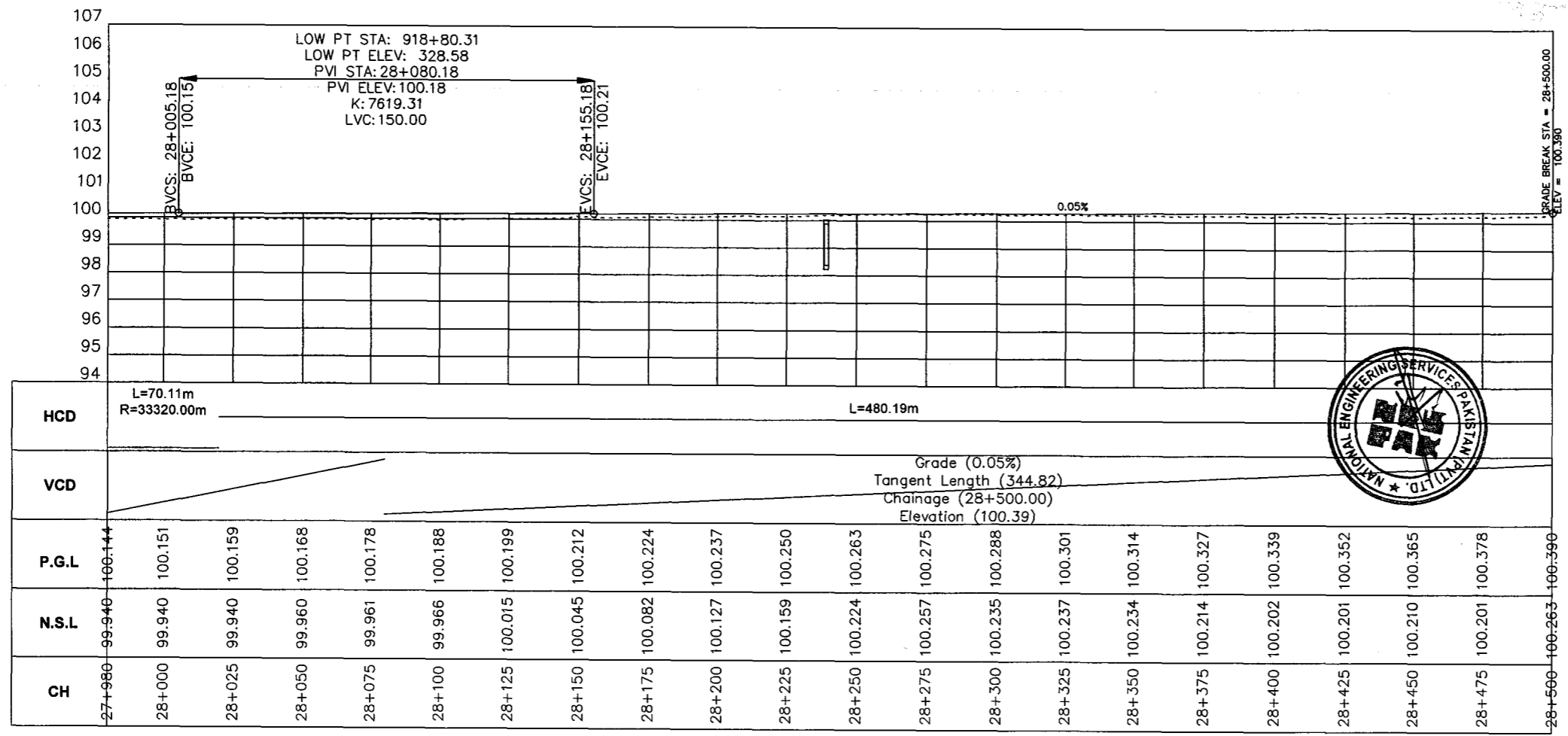
Station	HCD	VCD	P.G.L	N.S.L	CH
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27+375	L=22.97m		100.041	99.934	27+375
27+400	R=4825.00m		100.039	99.931	27+400
27+425			100.036	99.939	27+425
27+450			100.034	99.940	27+450
27+475			100.031	99.936	27+475
27+500	L=219.17m		100.029	99.928	27+500
27+525			100.027	99.915	27+525
27+550			100.026	99.931	27+550
27+575			100.027	99.918	27+575
27+600			100.030	99.944	27+600
27+625			100.035	99.954	27+625
27+650	L=12.75m		100.041	99.940	27+650
27+675	R=1663.00m		100.049	99.948	27+675
27+700			100.057	99.967	27+700
27+725			100.064	99.966	27+725
27+750			100.072	99.967	27+750
27+775			100.080	99.954	27+775
27+800	L=310.74m		100.088	99.957	27+800
27+825			100.096	99.937	27+825
27+850			100.104	99.945	27+850
27+875			100.112	99.932	27+875
27+900			100.1	99.934	27+900
27+925			100.127	99.947	27+925
27+950			100.135	99.941	27+950
27+975			100.143	99.953	27+975
27+986			100.144	99.940	27+986



BOX CULVERT
 STATION = 28+239
 SKEW = 0°
 No. OF CELL = 01
 WIDTH = 1.5
 DEPTH = 1.5



Jun



NOTES
 1:- ALL DIMENSIONS ARE IN METERS.

LEGEND

REV.	REVISION/ISSUE	DATE

TENDER DRAWINGS

PROJECT:
 CONSTRUCTION OF RAJANPUR-DG KHAN SECTION OF N-55 AS 4-LANE HIGHWAY (121.50 km)
 PACKAGE-1
 (Km 0+000 TO Km 57+500)

CLIENT:
 NATIONAL HIGHWAYS AUTHORITY (NHA)

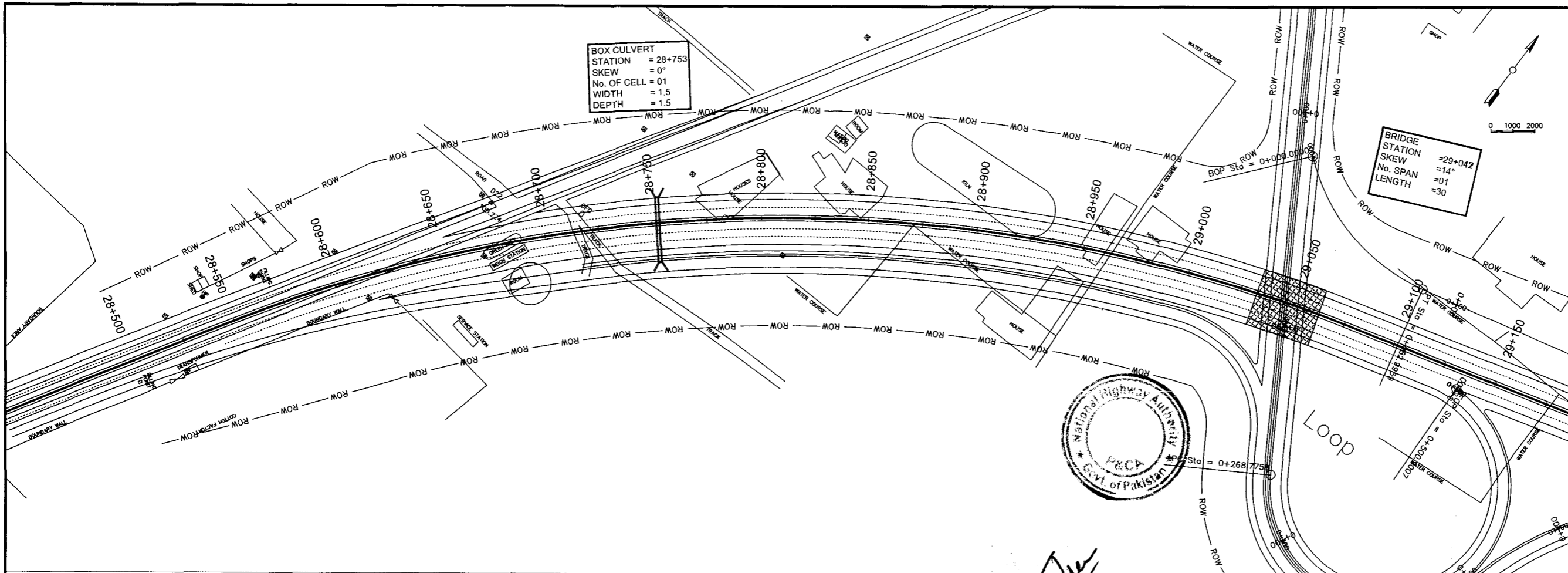
CONSULTANTS:

- MINCONSULT. SDN BHD In Joint Venture With saman SAMAN CORPORATION
- SHELADIA ASSOCIATES
- CEC
- AAA
- ACE
- AA
- ACC

DRAWING TITLE:
 PLAN & PROFILE

DESIGN BY: S.M	SHEET NO: 44 OF 92
DRAWN BY: S.M	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024
APPROVED BY:	REVISION:

CAD FILE NAME:
 CAREC/T-III/TD/003



NOTES
1- ALL DIMENSIONS ARE IN METERS.

LEGEND

REV.	REVISION/ISSUE	DATE

PROJECT:
CONSTRUCTION OF RAJANPUR-DG KHAN SECTION OF N-55 AS 4-LANE HIGHWAY (121.50 km) PACKAGE-1 (Km 0+000 TO Km 57+500)

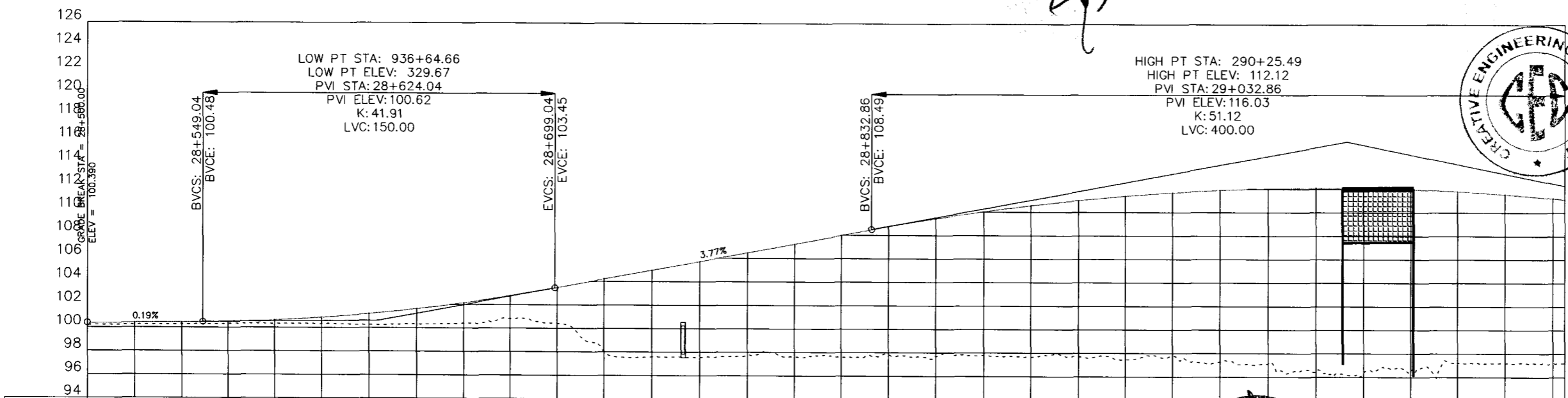
CLIENT:
NHA NATIONAL HIGHWAYS AUTHORITY (NHA)

- CONSULTANTS:**
- MINCONSULT. SDN BHD In Joint Venture With
 - SAMAN CORPORATION
 - SHELADIA ASSOCIATES
 - CEC
 - AAA
 - ACE
 - AA
 - ACC

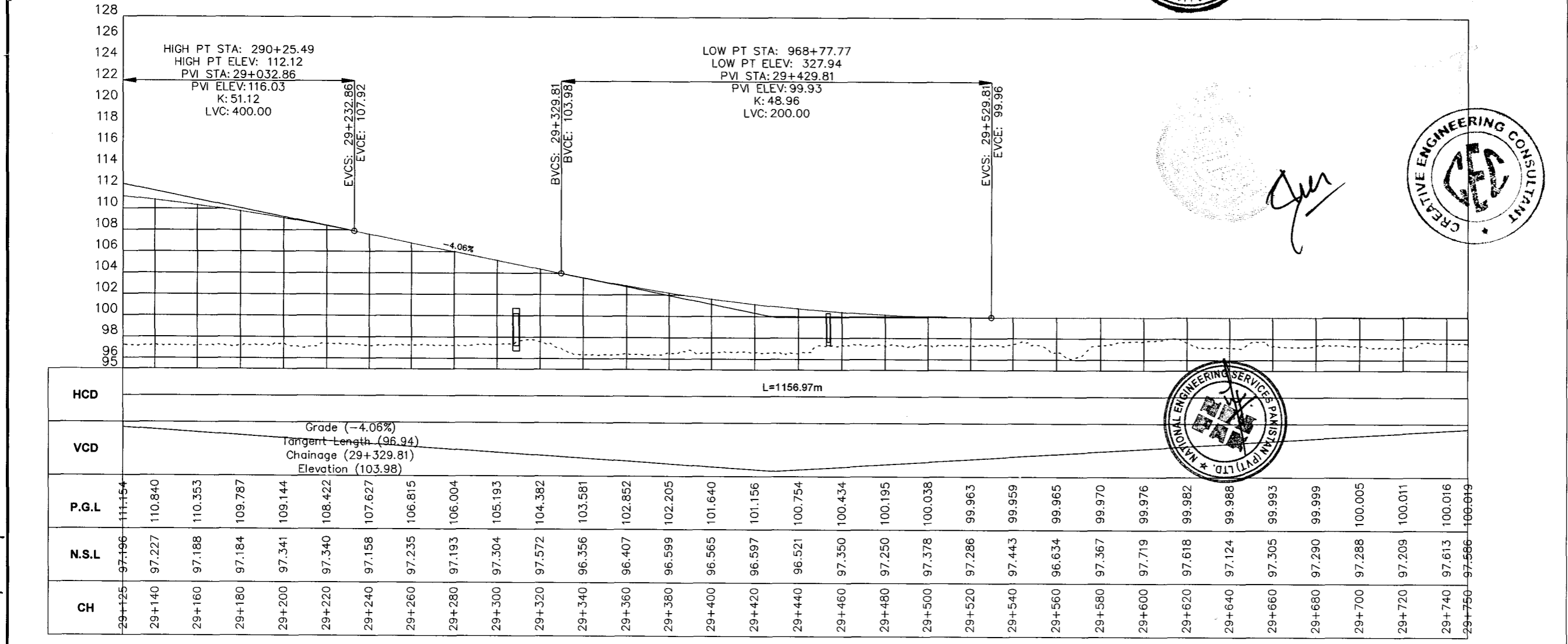
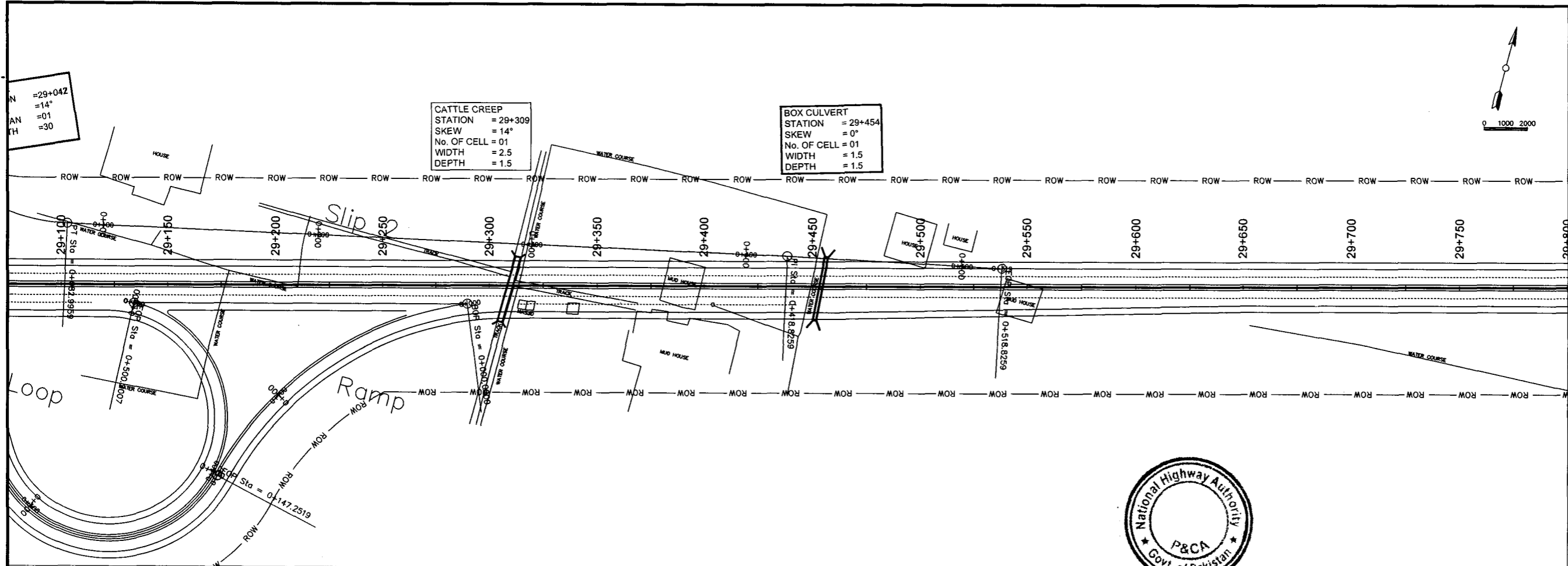
DRAWING TITLE:
PLAN & PROFILE

DESIGN BY: S.M	SHEET NO: 45 OF 92
DRAWN BY: S.M	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024
APPROVED BY:	REVISION:

CAD FILE NAME:
CAREC/T-III/TD/004



Station	CH	N.S.L	P.G.L	VCD	HCD
28+500	100.196	100.196	100.390		
28+520	100.232	100.232	100.428		
28+540	100.286	100.286	100.466		
28+560	100.312	100.312	100.518		
28+580	100.322	100.322	100.656		
28+600	100.305	100.305	100.889		
28+620	100.253	100.253	101.217		
28+640	100.322	100.322	101.642		
28+660	100.401	100.401	102.161		
28+680	100.798	100.798	102.776		
28+700	100.413	100.413	103.486		
28+720	97.949	97.949	104.240		
28+740	97.594	97.594	104.994		
28+760	97.549	97.549	105.747		
28+780	97.769	97.769	106.501		
28+800	97.613	97.613	107.255		
28+820	97.589	97.589	108.008		
28+840	97.834	97.834	108.757		
28+860	97.719	97.719	109.443		
28+880	97.789	97.789	110.052		
28+900	97.663	97.663	110.582		
28+920	97.722	97.722	111.034		
28+940	97.460	97.460	111.407		
28+960	97.798	97.798	111.703		
28+980	97.270	97.270	111.920		
29+000	97.162	97.162	112.056		
29+020	96.607	96.607	112.119		
29+040	96.311	96.311	112.101		
29+060	96.523	96.523	112.006		
29+080	97.250	97.250	111.831		
29+100	97.178	97.178	111.579		
29+120	97.192	97.192	111.248		
29+140	97.136	97.136	111.154		
29+154					



NOTES
1:- ALL DIMENSIONS ARE IN METERS.

LEGEND

PROJECT:
CONSTRUCTION OF RAJANPUR-DG KHAN SECTION OF N-55 AS 4-LANE HIGHWAY (121.50 km) PACKAGE-1 (Km 0+000 TO Km 57+500)

CLIENT:
NATIONAL HIGHWAYS AUTHORITY (NHA)

CONSULTANTS:
MINCONSULT. SDN BHD
SAMAN CORPORATION
SHELADIA ASSOCIATES
CEC
AAA
ACE
AA
ACC

DRAWING TITLE:
PLAN & PROFILE

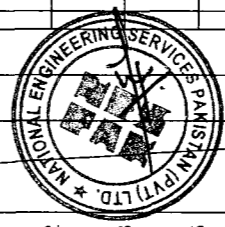
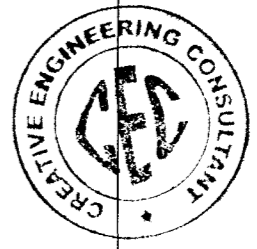
DESIGN BY: S.M
SHEET NO: 46 OF 92

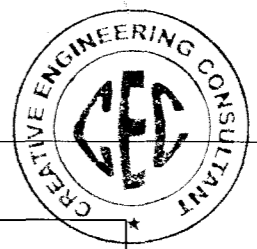
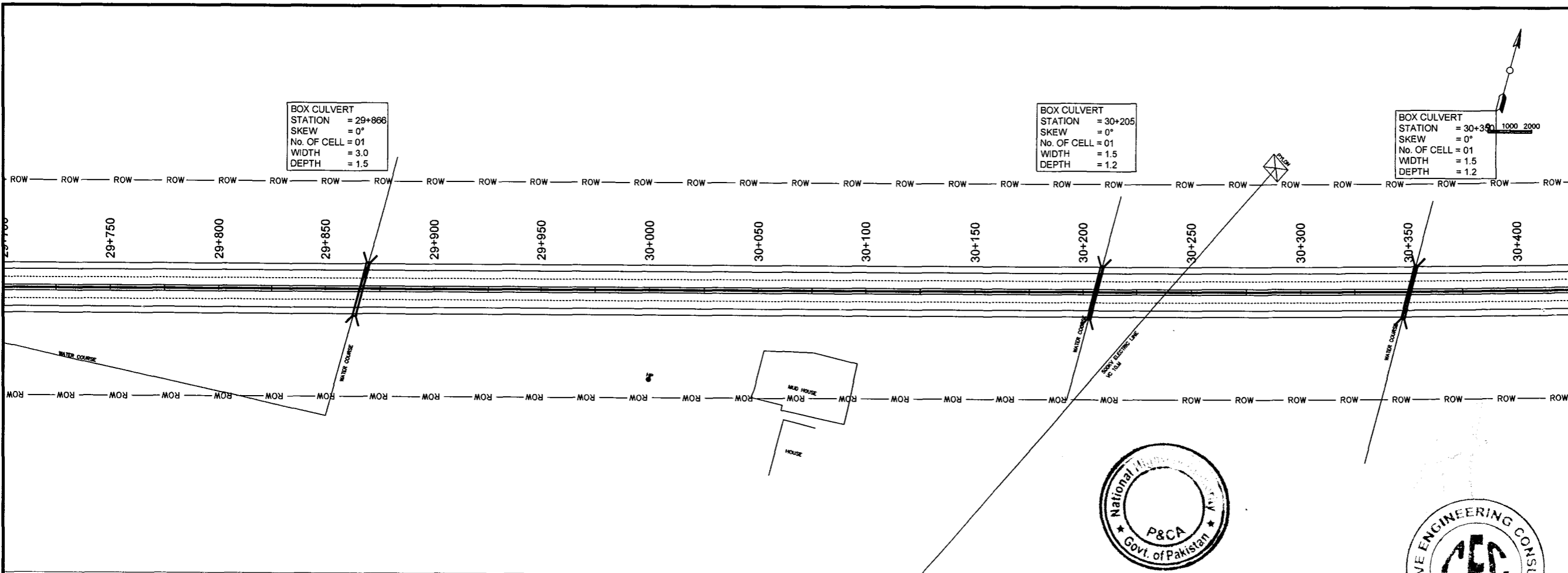
DRAWN BY: S.M
SCALE: H = 1:2000
V = 1:100

CHECKED BY: A.S
DATE: APRIL, 2024

APPROVED BY:
REVISION:

CAD FILE NAME:
CAREC/T-III/TD/004





NOTES
1- ALL DIMENSIONS ARE IN METERS.

LEGEND

REV.	REVISION/ISSUE	DATE

PROJECT:
CONSTRUCTION OF RAJANPUR-DG KHAN SECTION OF N-55 AS 4-LANE HIGHWAY (121.50 km)
PACKAGE-1 (Km 0+000 TO Km 57+500)

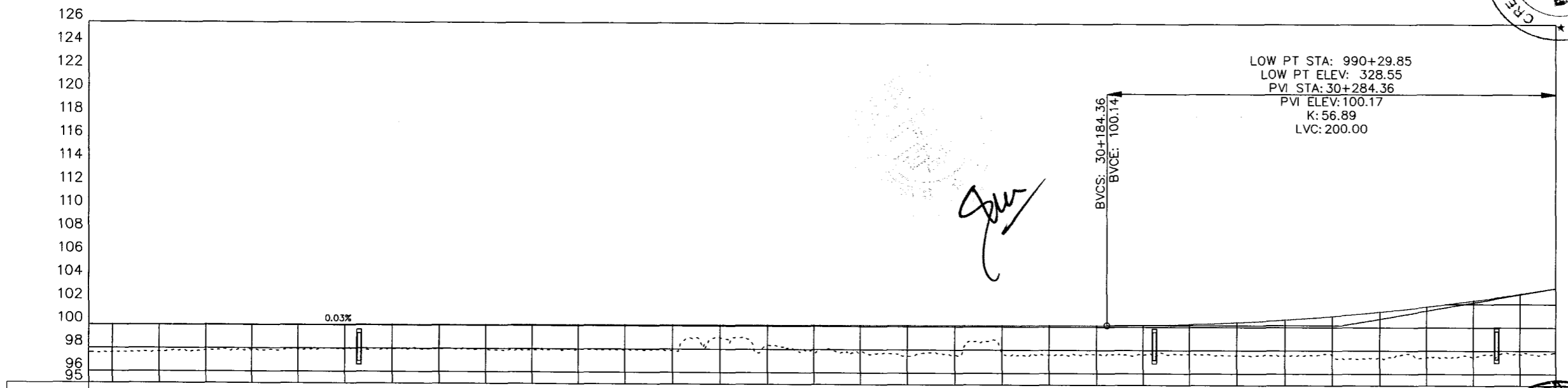
CLIENT:
NATIONAL HIGHWAYS AUTHORITY (NHA)

- CONSULTANTS:**
- MINCONSULT. SDN BHD In Joint Venture With
 - SAMAN CORPORATION
 - SHELADIA ASSOCIATES
 - CEC
 - AAA
 - ACE
 - AA
 - ACC

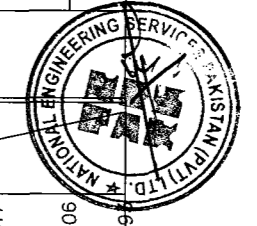
DRAWING TITLE:
PLAN & PROFILE

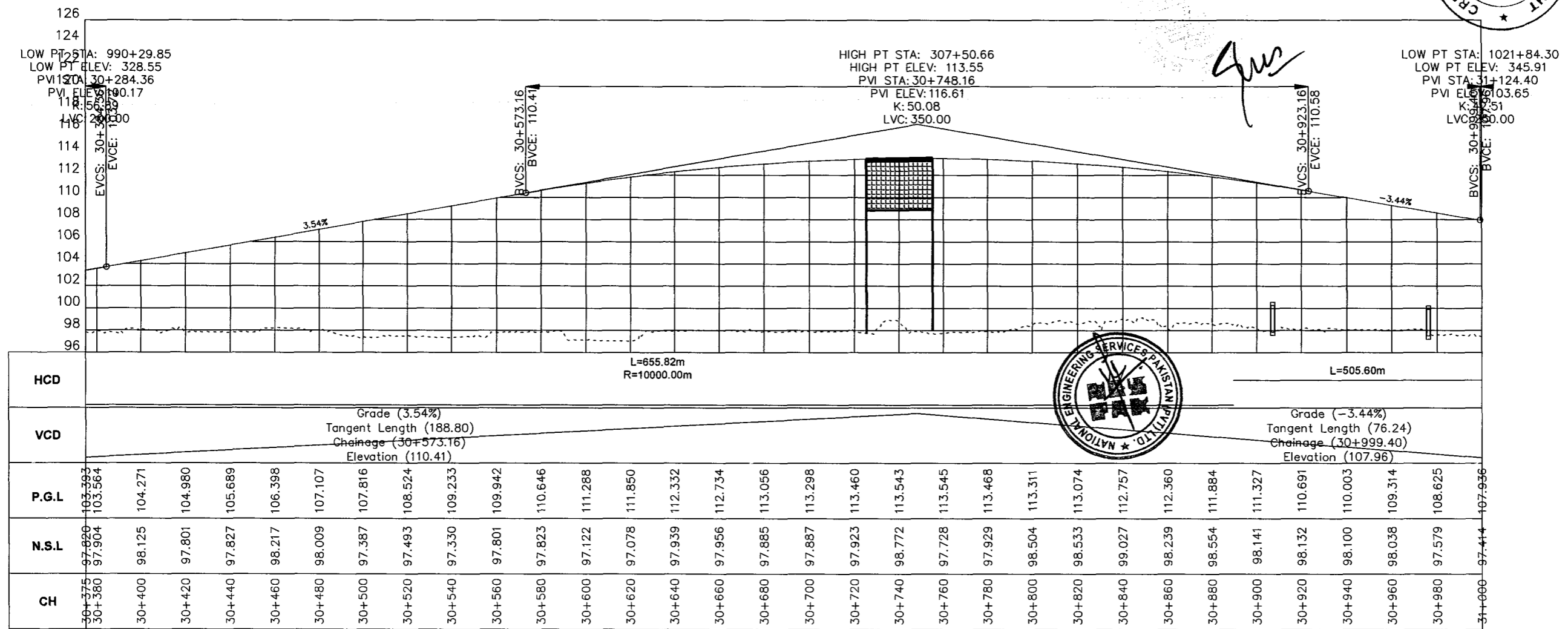
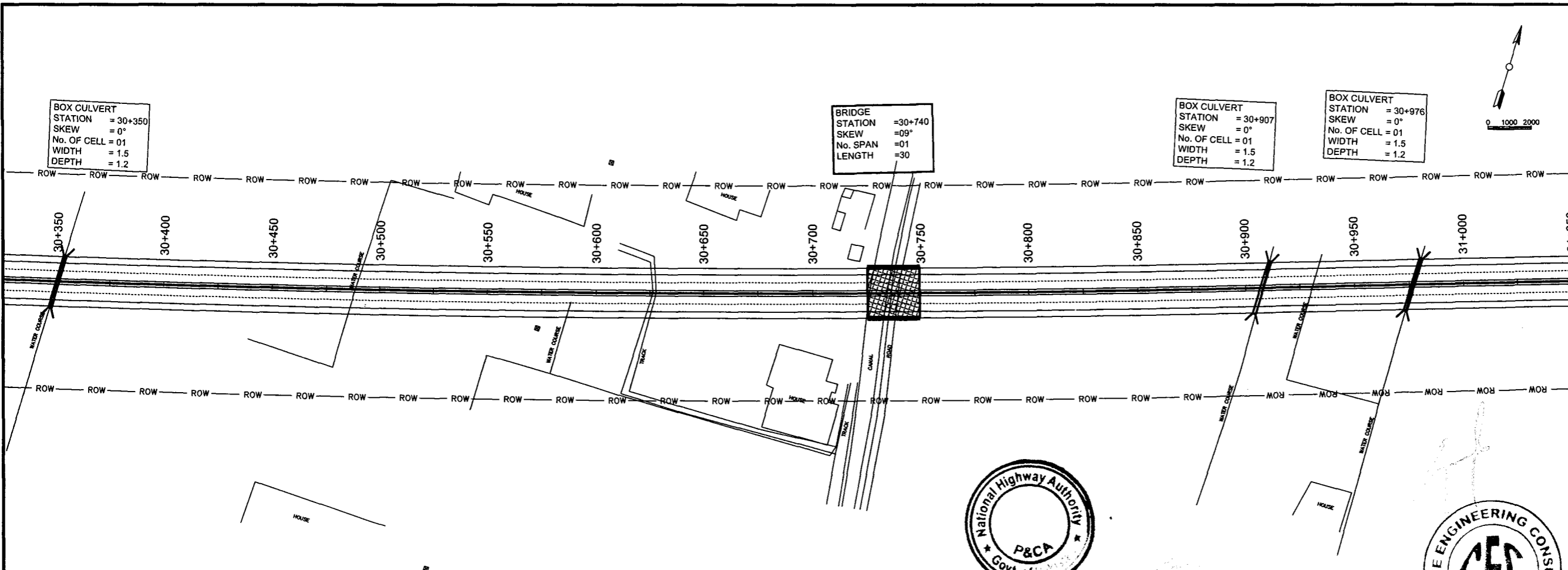
DESIGN BY: S.M	SHEET NO.: 47 OF 92
DRAWN BY: S.M	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024
APPROVED BY:	REVISION:

CAD FILE NAME:
CAREC/T-III/TD/004



CH	29+750	29+760	29+780	29+800	29+820	29+840	29+860	29+880	29+900	29+920	29+940	29+960	29+980	30+000	30+020	30+040	30+060	30+080	30+100	30+120	30+140	30+160	30+180	30+200	30+220	30+240	30+260	30+280	30+300	30+320	30+340	30+360	30+375
HCD	L=1156.97m																																
VCD	Grade (0.03%) Tangent Length (654.55) Chainage (30+184.36) Elevation (100.14)																																
P.G.L	100.019	100.022	100.028	100.034	100.039	100.045	100.051	100.056	100.062	100.068	100.074	100.079	100.085	100.091	100.097	100.102	100.108	100.114	100.120	100.125	100.131	100.137	100.142	100.170	100.266	100.432	100.668	100.975	101.352	101.800	102.317	102.906	103.359
N.S.L	97.566	97.658	97.721	97.802	97.871	97.916	97.950	97.967	98.009	97.916	97.882	97.978	97.902	97.842	98.987	98.368	97.874	97.664	97.470	97.544	97.767	97.581	97.643	97.563	97.670	97.588	97.568	97.588	97.352	97.414	97.428	97.726	97.820
CH	29+750	29+760	29+780	29+800	29+820	29+840	29+860	29+880	29+900	29+920	29+940	29+960	29+980	30+000	30+020	30+040	30+060	30+080	30+100	30+120	30+140	30+160	30+180	30+200	30+220	30+240	30+260	30+280	30+300	30+320	30+340	30+360	30+375





CH	30+375	30+380	30+400	30+420	30+440	30+460	30+480	30+500	30+520	30+540	30+560	30+580	30+600	30+620	30+640	30+660	30+680	30+700	30+720	30+740	30+760	30+780	30+800	30+820	30+840	30+860	30+880	30+900	30+920	30+940	30+960	30+980	31+000
N.S.L	97.820	97.904	98.125	97.801	97.827	98.217	98.009	97.387	97.493	97.330	97.801	97.823	97.122	97.078	97.939	97.956	97.885	97.887	97.923	98.772	97.728	97.929	98.504	98.533	99.027	98.239	98.554	98.141	98.132	98.100	98.038	97.579	107.936
P.G.L	103.393	103.564	104.271	104.980	105.689	106.398	107.107	107.816	108.524	109.233	109.942	110.646	111.288	111.850	112.332	112.734	113.056	113.298	113.460	113.543	113.545	113.468	113.311	113.074	112.757	112.360	111.884	111.327	110.691	110.003	109.314	108.625	
HCD	L=655.82m R=10000.00m																L=505.60m																
VCD	Grade (3.54%) Tangent Length (188.80) Chainage (30+573.16) Elevation (110.41)																Grade (-3.44%) Tangent Length (76.24) Chainage (30+999.40) Elevation (107.96)																

NOTES
1- ALL DIMENSIONS ARE IN METERS.

LEGEND

REV.	REVISION/ISSUE	DATE

TENDER DRAWINGS

PROJECT:
CONSTRUCTION OF RAJANPUR-DG KHAN SECTION OF N-65 AS 4-LANE HIGHWAY (121.50 km)
PACKAGE-1 (Km 0+000 TO Km 57+500)

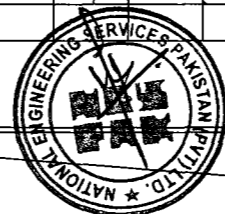
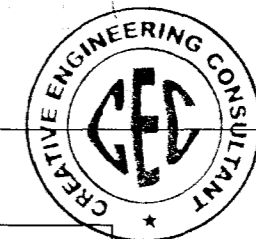
CLIENT:
NATIONAL HIGHWAYS AUTHORITY (NHA)

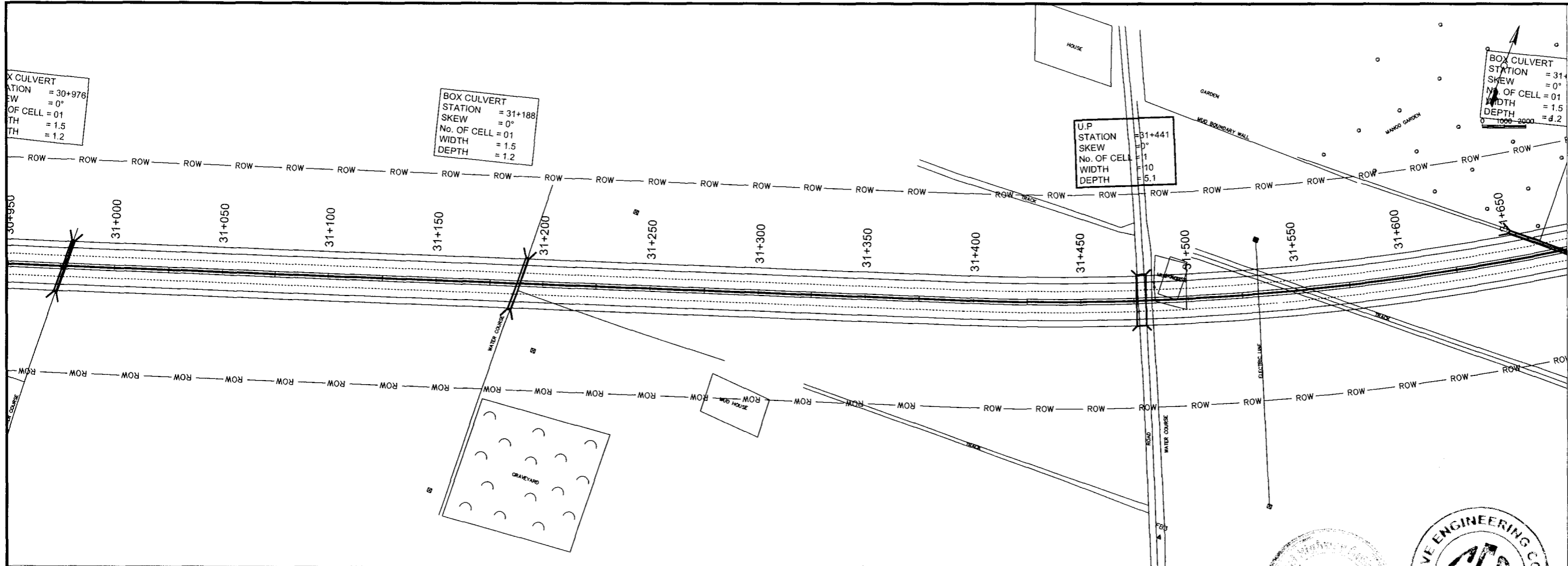
CONSULTANTS:
MINCONSULT SDN BHD
SAMAN CORPORATION
SHELADIA ASSOCIATES
CEC
AAA
ACE
AA
ACC

DRAWING TITLE:
PLAN & PROFILE

DESIGN BY: S.M	SHEET NO: 48 OF 92
DRAWN BY: S.M	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024
APPROVED BY:	REVISION:

CAD FILE NAME:
CAREC/T-III/TD/004





NOTES
 1- ALL DIMENSIONS ARE IN METERS.

LEGEND

REV.	REVISION/ISSUE	DATE

PROJECT:
 CONSTRUCTION OF RAJANPUR-DG KHAN SECTION OF N-55 AS 4-LANE HIGHWAY (121.50 km)
 PACKAGE-1
 (Km 0+000 TO Km 57+500)

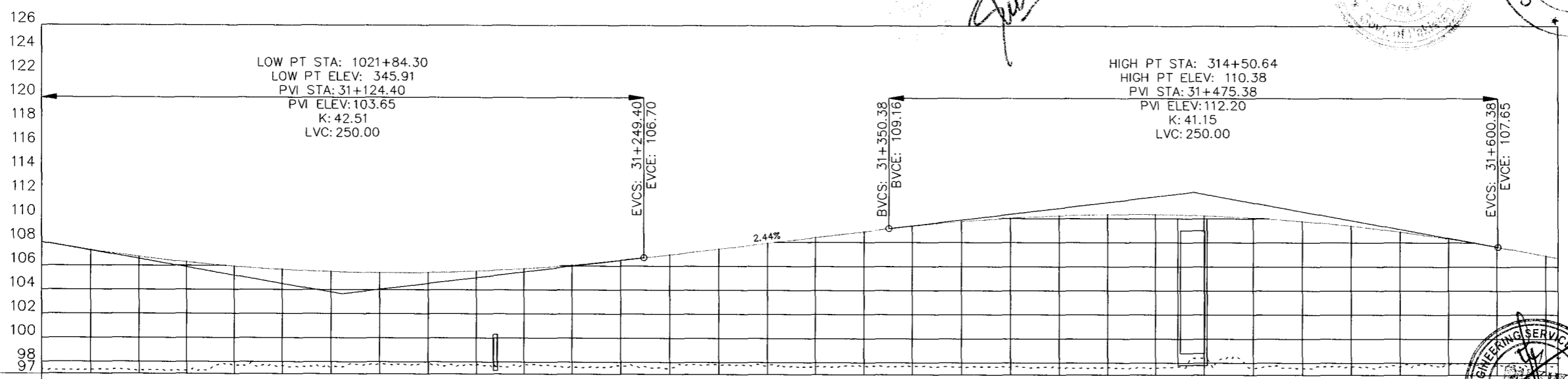
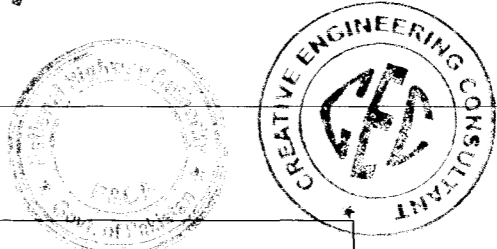
CLIENT:
 NHA NATIONAL HIGHWAYS AUTHORITY (NHA)

- CONSULTANTS:**
- MINCONSULT. SDN BHD In Joint Venture With
 - SAMAN SAMAN CORPORATION
 - SHELADIA ASSOCIATES
 - CEC
 - AAA
 - ACE
 - AA
 - ACC

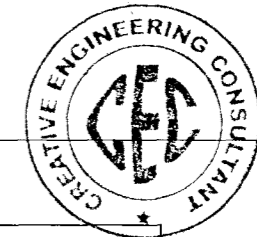
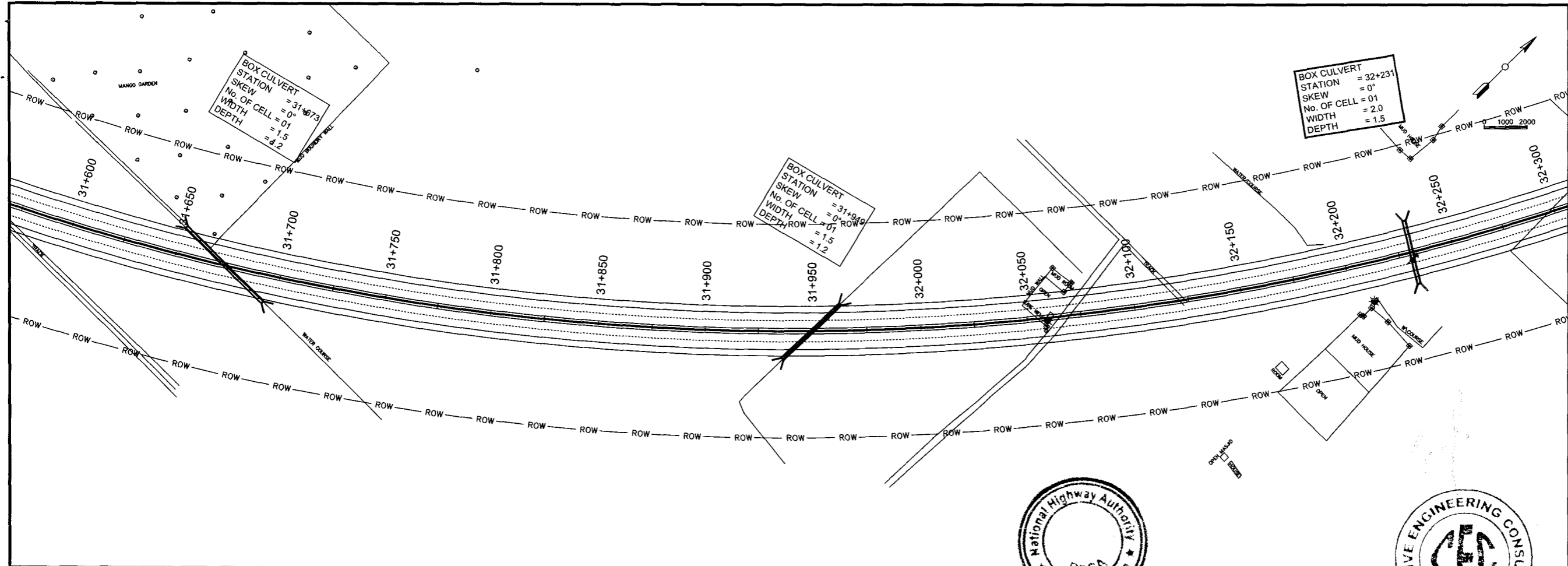
DRAWING TITLE:
 PLAN & PROFILE

DESIGN BY: S.M	SHEET NO: 49 OF 92
DRAWN BY: S.M	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024
APPROVED BY:	REVISION:

CAD FILE NAME:
 CAREC/T-III/TD/004



HCD	L=505.60m																				L=1624.64m R=1150.00m												
VCD	Grade (2.44%) Tangent Length (100.98) Chainage (31+350.38) Elevation (109.16)																																
P.G.L	107.936	107.297	106.752	106.301	105.944	105.682	105.513	105.439	105.458	105.572	105.780	106.081	106.477	106.954	107.442	107.929	108.416	108.903	109.379	109.771	110.066	110.263	110.364	110.367	110.273	110.081	109.793	109.407	108.924	108.344	107.667	106.939	106.787
N.S.L	97.414	97.328	97.297	97.270	97.731	97.667	97.507	97.826	97.914	97.743	97.753	97.574	97.692	97.504	97.791	97.749	97.679	97.740	97.694	97.662	97.655	97.607	97.631	97.605	98.392	97.569	97.560	97.708	97.683	97.826	97.845	97.902	97.785
CH	31+000	31+020	31+040	31+060	31+080	31+100	31+120	31+140	31+160	31+180	31+200	31+220	31+240	31+260	31+280	31+300	31+320	31+340	31+360	31+380	31+400	31+420	31+440	31+460	31+480	31+500	31+520	31+540	31+560	31+580	31+600	31+620	31+625



NOTES
1:- ALL DIMENSIONS ARE IN METERS.

LEGEND

REV.	REVISION/ISSUE	DATE

PROJECT:
CONSTRUCTION OF RAJANPUR-DG KHAN SECTION OF N-55 AS 4-LANE HIGHWAY (121.50 km) PACKAGE-1 (Km 0+000 TO Km 57+500)

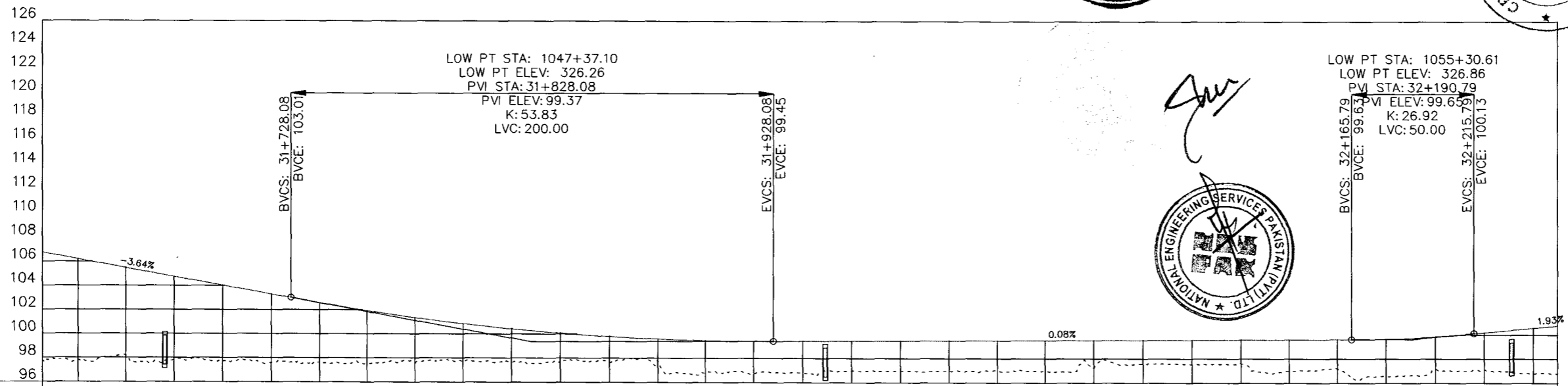
CLIENT:
NHA NATIONAL HIGHWAYS AUTHORITY (NHA)

CONSULTANTS:
 MINCONSULT. SDN BHD In Joint Venture With
 SAMAN SAMAN CORPORATION
 SHELADIA ASSOCIATES
 CEC
 AAA
 ACE
 AA
 ACC

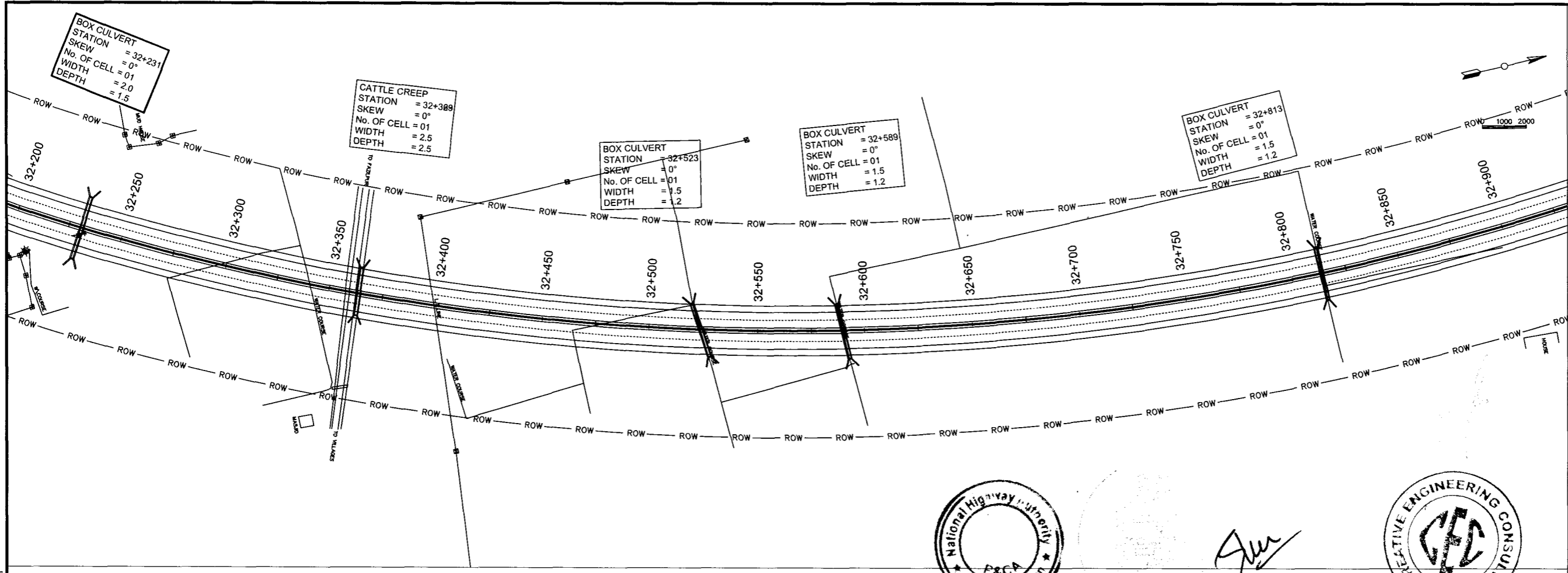
DRAWING TITLE:
PLAN & PROFILE

DESIGN BY: S.M	SHEET NO: 50 OF 92
DRAWN BY: S.M	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024
APPROVED BY:	REVISION:

CAD FILE NAME:
CAREC/T-III/TD/004



HCD	L=1624.64m																																
VCD	Grade (-3.64%) Tangent Length (127.70) Chainage (31+728.08) Elevation (103.01)														Grade (0.08%) Tangent Length (237.71) Chainage (32+165.79) Elevation (99.63)																		
P.G.L	106.757	106.211	105.484	104.756	104.028	103.301	102.586	101.940	101.368	100.870	100.447	100.098	99.823	99.623	99.497	99.445	99.454	99.470	99.485	99.500	99.516	99.531	99.547	99.562	99.578	99.593	99.608	99.624	99.677	99.872	100.213	100.599	
N.S.L	97.785	97.816	98.132	97.820	97.700	97.589	97.654	97.541	97.619	97.819	97.661	97.804	97.730	97.792	96.747	96.659	96.846	96.968	96.981	96.941	96.978	96.981	97.318	97.596	97.563	97.619	96.988	97.181	96.533	97.168	97.072	96.841	96.788
CH	31+625	31+640	31+660	31+680	31+700	31+720	31+740	31+760	31+780	31+800	31+820	31+840	31+860	31+880	31+900	31+920	31+940	31+960	31+980	32+000	32+020	32+040	32+060	32+080	32+100	32+120	32+140	32+160	32+180	32+200	32+220	32+240	32+250



NOTES
1- ALL DIMENSIONS ARE IN METERS.

LEGEND

REV.	REVISION/ISSUE	DATE

PROJECT:
CONSTRUCTION OF RAJANPUR-DG KHAN SECTION OF N-55 AS 4-LANE HIGHWAY (121.50 km) PACKAGE-1 (Km 0+000 TO Km 57+500)

CLIENT:
NATIONAL HIGHWAYS AUTHORITY (NHA)

- CONSULTANTS:**
- MINCONSULT SDN BHD In Joint Venture With
 - SAMAN CORPORATION
 - SHELADIA ASSOCIATES
 - CEC
 - AAA
 - ACE
 - AA
 - ACC

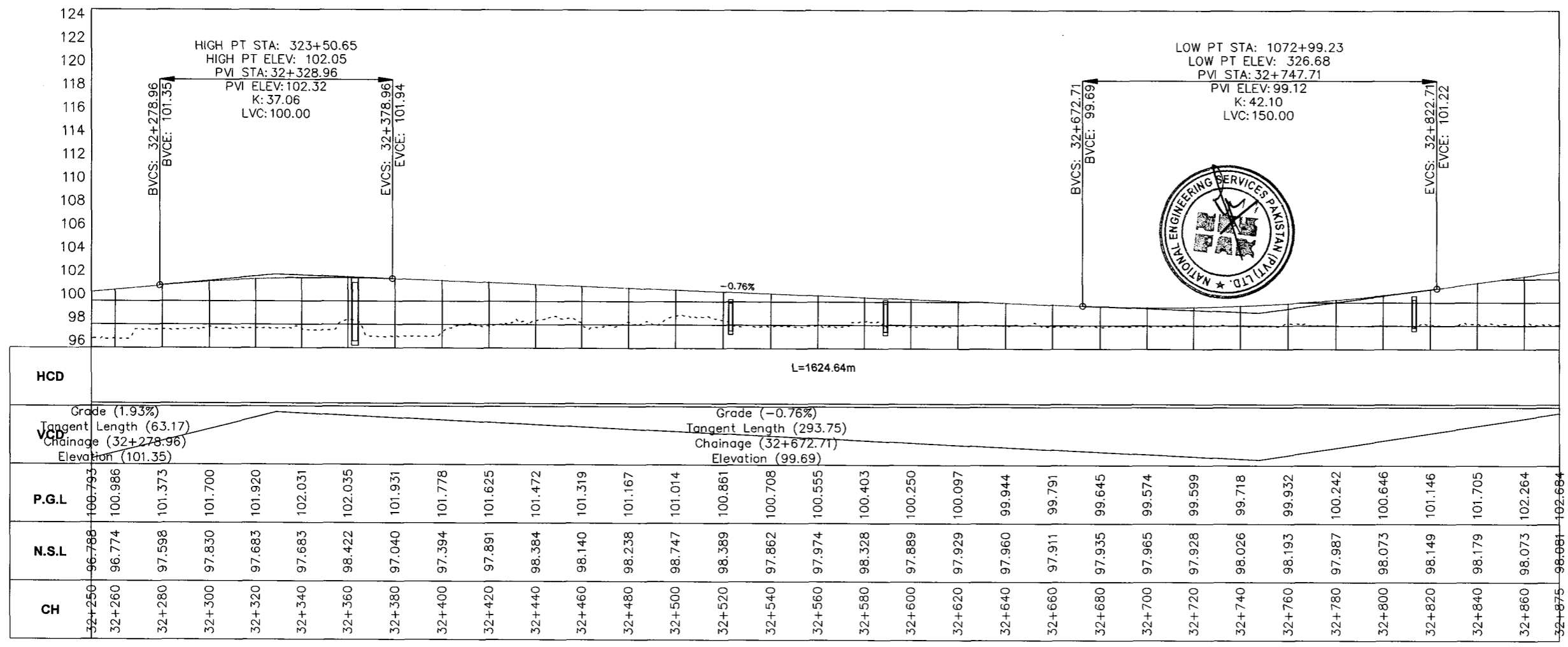
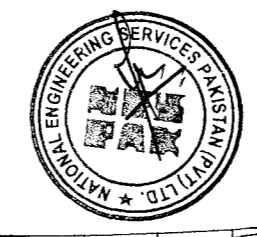
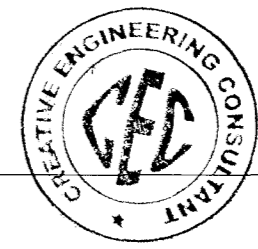
DRAWING TITLE:
PLAN & PROFILE

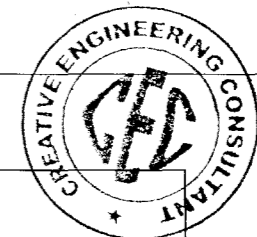
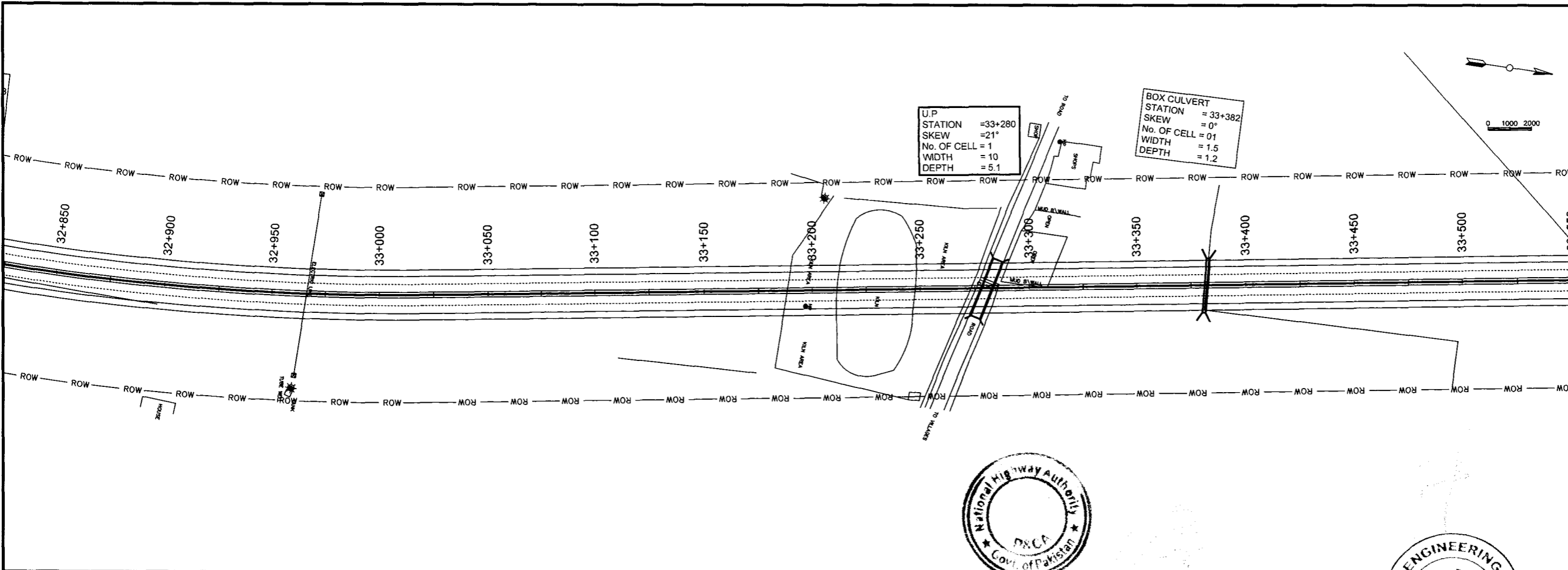
DESIGN BY: S.M	SHEET NO: 51 OF 92
DRAWN BY: S.M	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024
APPROVED BY:	REVISION:

CAD FILE NAME:
CAREC/T-III/TD/004



Jur





NOTES
1- ALL DIMENSIONS ARE IN METERS.

LEGEND

REV.	REVISION/ISSUE	DATE

TENDER DRAWINGS

PROJECT:
CONSTRUCTION OF RAJANPUR-DG KHAN SECTION OF N-55 AS 4-LANE HIGHWAY (121.50 km)
PACKAGE-1 (Km 0+000 TO Km 57+500)

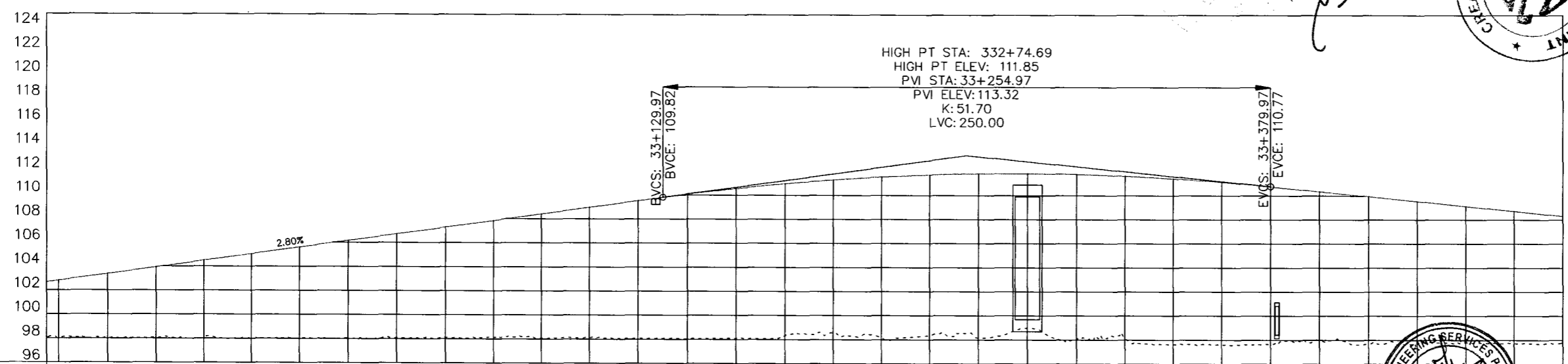
CLIENT:
NATIONAL HIGHWAYS AUTHORITY (NHA)

CONSULTANTS:
MINCONSULT. SDN BHD
In Joint Venture With
SAMAN CORPORATION
SHELADIA ASSOCIATES
CEC
AAA
ACE
AA
ACC

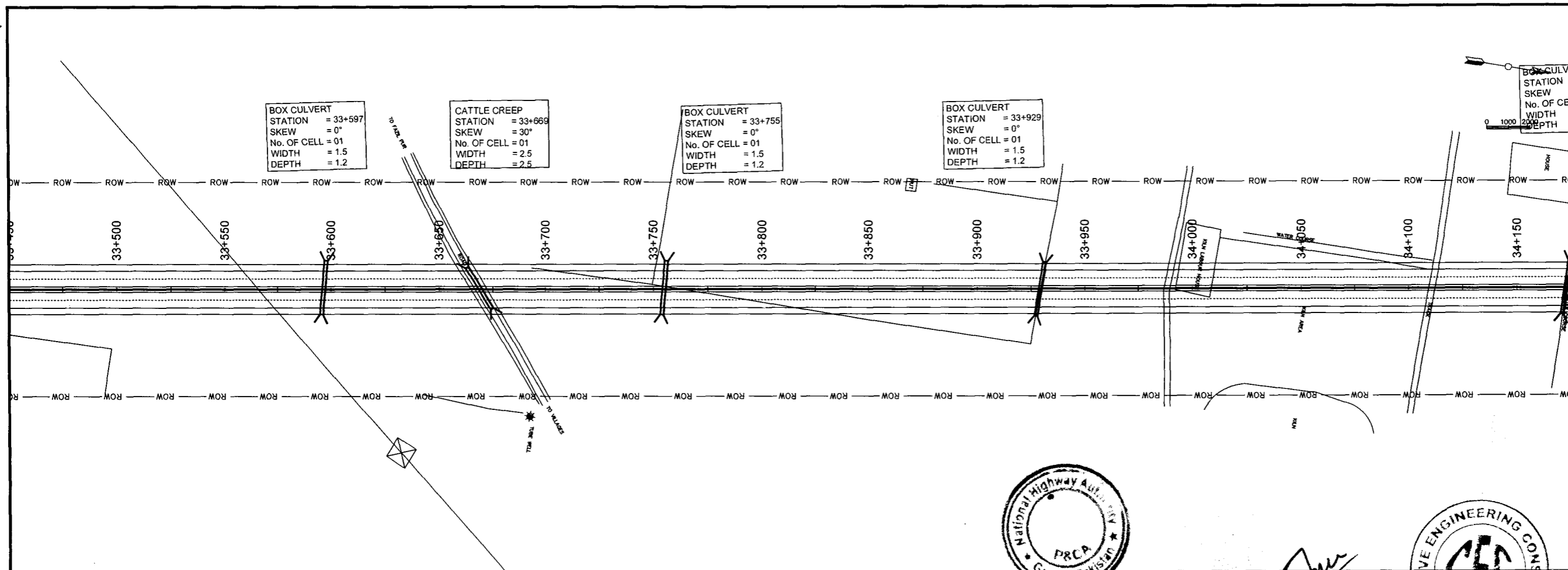
DRAWING TITLE:
PLAN & PROFILE

DESIGN BY: S.M	SHEET NO: 52 OF 92
DRAWN BY: S.M	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024
APPROVED BY:	REVISION:

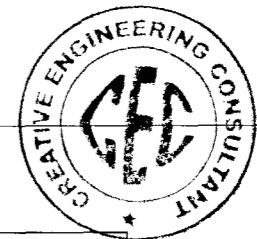
CAD FILE NAME:
CAREC/T-III/TD/004



HCD	L=1624.64m R=1150.00m		L=2284.97m																														
VCD	Grade (2.80%) Tangent Length (307.26) Chainage (33+129.97) Elevation (109.82)																																
P.G.L	102.684	102.824	103.384	103.944	104.504	105.064	105.623	106.183	106.743	107.303	107.863	108.422	108.982	109.542	110.092	110.574	110.979	111.307	111.557	111.730	111.826	111.844	111.784	111.648	111.434	111.143	110.774	110.367	109.959	109.552	109.145	108.737	
N.S.L	98.081	98.002	98.029	98.055	98.075	98.021	98.025	98.051	98.070	98.093	98.140	98.083	98.144	98.100	98.083	98.087	98.312	98.525	98.200	98.358	98.150	98.979	98.073	98.115	97.626	97.603	97.640	97.979	97.666	97.701	97.797	109.145	97.743
CH	32+875	32+880	32+900	32+920	32+940	32+960	32+980	33+000	33+020	33+040	33+060	33+080	33+100	33+120	33+140	33+160	33+180	33+200	33+220	33+240	33+260	33+280	33+300	33+320	33+340	33+360	33+380	33+400	33+420	33+440	33+460	33+480	33+500

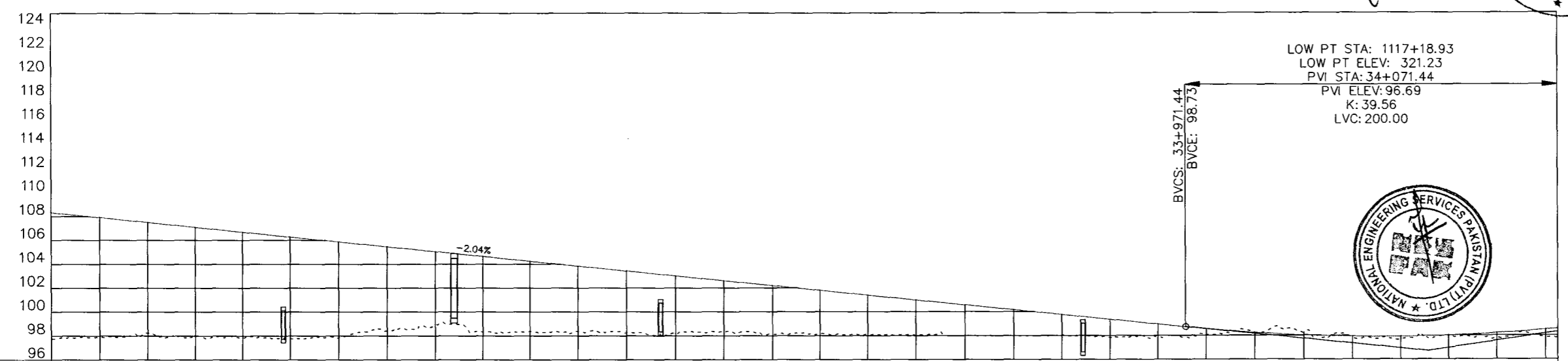


Signature



LOW PT STA: 1117+18.93
 LOW PT ELEV: 321.23
 PVI STA: 34+071.44
 PVI ELEV: 96.69
 K: 39.56
 LVC: 200.00

BYCS: 33+971.44
 BYCE: 98.73



Station	CH	N.S.L	P.G.L	VCD	HCD
33+500	97.784	97.784	108.330		
33+520	97.908	97.908	107.923		
33+540	98.231	98.231	107.516		
33+560	97.963	97.963	107.108		
33+580	97.849	97.849	106.701		
33+600	97.795	97.795	106.294		
33+620	97.840	97.840	105.887		
33+640	98.424	98.424	105.479		
33+660	98.876	98.876	105.072		
33+680	98.328	98.328	104.665		
33+700	98.371	98.371	104.257		
33+720	98.383	98.383	103.850		
33+740	98.275	98.275	103.443		
33+760	98.269	98.269	103.036		
33+780	98.260	98.260	102.628		
33+800	98.118	98.118	102.221		
33+820	98.125	98.125	101.814		
33+840	98.097	98.097	101.407		
33+860	98.044	98.044	100.999		
33+880	98.013	98.013	100.592		
33+900	97.971	97.971	100.185		
33+920	98.007	98.007	99.777		
33+940	97.826	97.826	99.370		
33+960	97.940	97.940	98.963		
33+980	98.027	98.027	98.565		
34+000	98.239	98.239	98.251		
34+020	98.283	98.283	98.039		
34+040	97.773	97.773	97.928		
34+060	97.640	97.640	97.918		
34+080	98.014	98.014	98.009		
34+100	97.755	97.755	98.201		
34+120	97.859	97.859	98.494		
34+125	97.820	97.820	98.583		

NOTES
 1- ALL DIMENSIONS ARE IN METERS.

LEGEND

REV.	REVISION/ISSUE	DATE

TENDER DRAWINGS

PROJECT:
 CONSTRUCTION OF RAJANPUR-DG KHAN SECTION OF N-55 AS 4-LANE HIGHWAY (121.50 km)
 PACKAGE-1
 (Km 0+000 TO Km 57+500)

CLIENT:
 NATIONAL HIGHWAYS AUTHORITY (NHA)

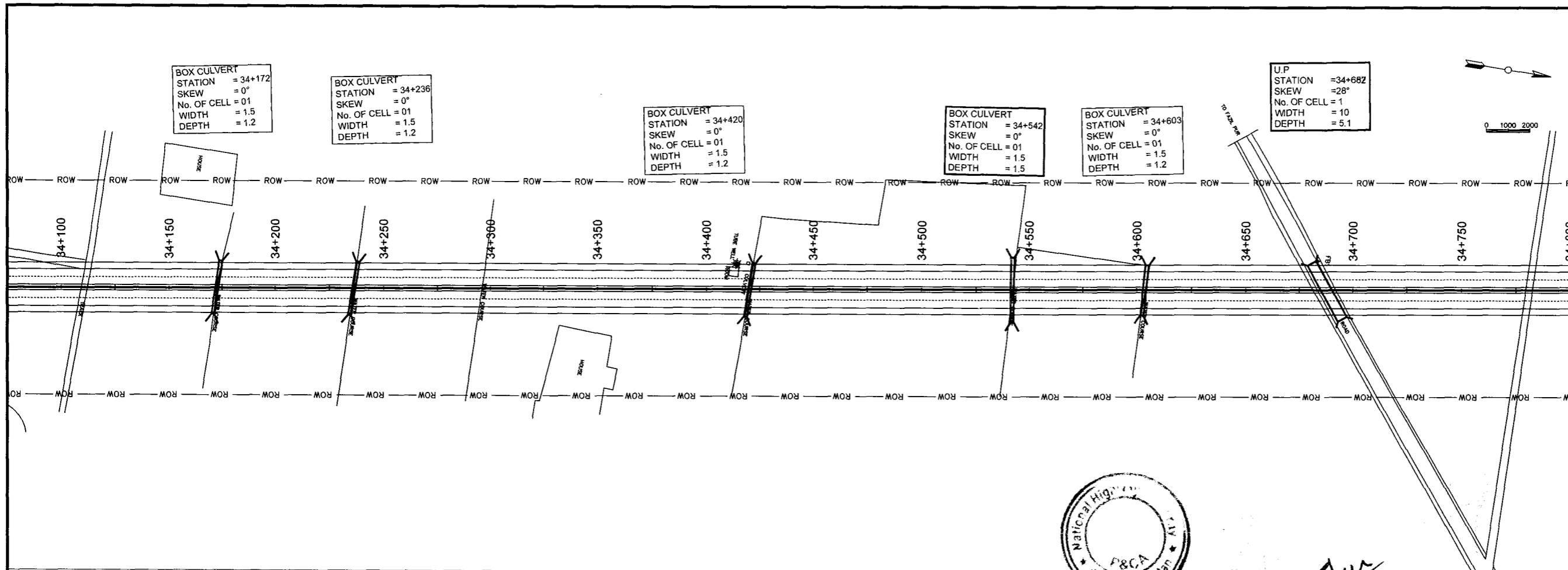
CONSULTANTS:

- MINCONSULT. SDN BHD In Joint Venture With
- SAMAN CORPORATION
- SHELADIA ASSOCIATES
- CEC
- AAA
- ACE
- AA
- ACC

DRAWING TITLE:
 PLAN & PROFILE

DESIGN BY:	SHEET NO:
S.M	53 OF 92
DRAWN BY:	SCALE:
S.M	H = 1:2000 V = 1:100
CHECKED BY:	DATE:
A.S	APRIL, 2024
APPROVED BY:	REVISION:

CAD FILE NAME:
 CAREC/T-III/TD/004



BOX CULVERT
STATION = 34+172
SKEW = 0°
No. OF CELL = 01
WIDTH = 1.5
DEPTH = 1.2

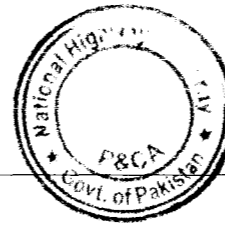
BOX CULVERT
STATION = 34+236
SKEW = 0°
No. OF CELL = 01
WIDTH = 1.5
DEPTH = 1.2

BOX CULVERT
STATION = 34+420
SKEW = 0°
No. OF CELL = 01
WIDTH = 1.5
DEPTH = 1.2

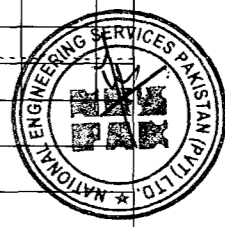
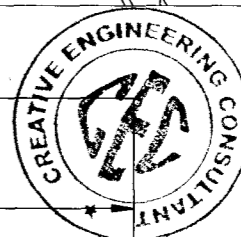
BOX CULVERT
STATION = 34+542
SKEW = 0°
No. OF CELL = 01
WIDTH = 1.5
DEPTH = 1.5

BOX CULVERT
STATION = 34+603
SKEW = 0°
No. OF CELL = 01
WIDTH = 1.5
DEPTH = 1.2

U.P
STATION = 34+682
SKEW = 28°
No. OF CELL = 1
WIDTH = 10
DEPTH = 5.1



Signature



NOTES
1:- ALL DIMENSIONS ARE IN METERS.

LEGEND

REV.	REVISION/ISSUE	DATE

TENDER DRAWINGS

PROJECT:
CONSTRUCTION OF RAJANPUR-DG KHAN SECTION OF N-55 AS 4-LANE HIGHWAY (121.50 km)
PACKAGE-1 (Km 0+000 TO Km 57+500)

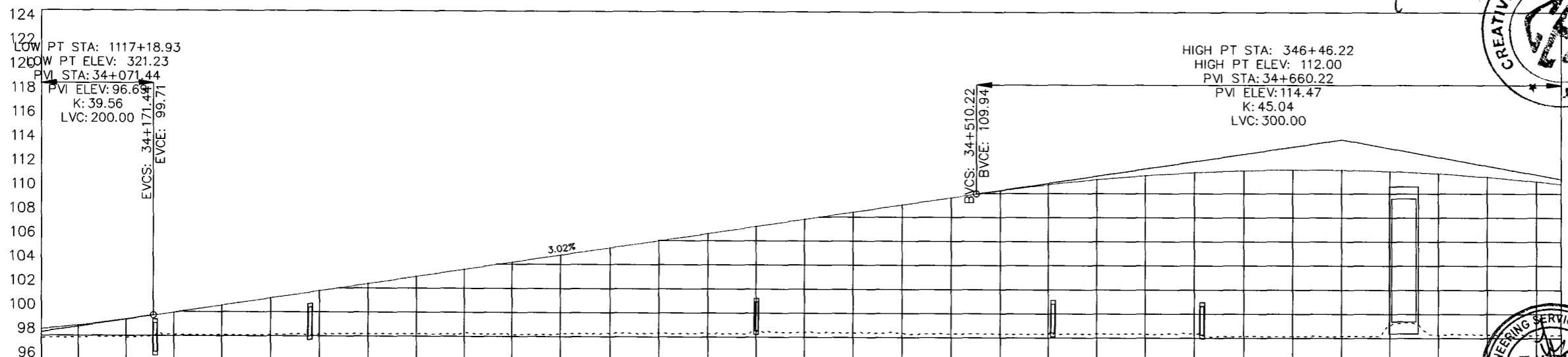
CLIENT:
NHA NATIONAL HIGHWAYS AUTHORITY (NHA)

CONSULTANTS:
MINCONSULT. SDN BHD In Joint Venture With
SAMAN CORPORATION
SHELADIA ASSOCIATES
CEC
AAA
ACE
AA
ACC

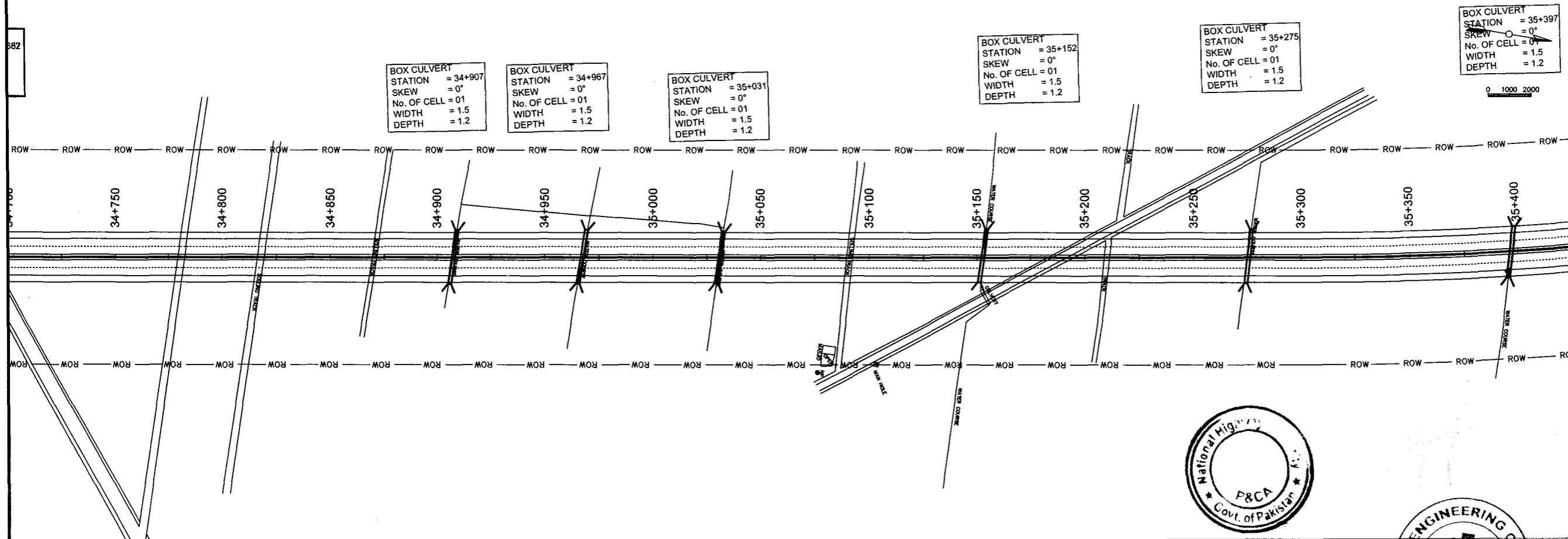
DRAWING TITLE:
PLAN & PROFILE

DESIGN BY: S.M	SHEET NO: 54 OF 92
DRAWN BY: S.M	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024
APPROVED BY:	REVISION:

CAD FILE NAME:
CAREC/T-III/TD/004



HCD	L=2284.97m																																
VCD	Grade (3.02%) Tangent Length (338.78) Chainage (34+510.22) Elevation (109.94)																																
P.G.L	98.583	98.888	99.384	99.971	100.575	101.179	101.783	102.387	102.991	103.595	104.199	104.803	105.407	106.010	106.614	107.218	107.822	108.426	109.030	109.634	110.227	110.743	111.171	111.509	111.759	111.920	111.992	111.975	111.869	111.675	111.392	111.020	110.860
N.S.L	97.820	97.875	97.866	98.118	98.105	98.121	98.177	98.199	98.191	98.338	98.148	98.228	98.269	98.321	98.276	98.453	98.409	98.412	98.377	98.326	98.329	98.326	98.363	98.329	98.357	98.161	98.155	98.192	99.027	98.275	98.284	98.271	98.320
CH	34+125	34+140	34+160	34+180	34+200	34+220	34+240	34+260	34+280	34+300	34+320	34+340	34+360	34+380	34+400	34+420	34+440	34+460	34+480	34+500	34+520	34+540	34+560	34+580	34+600	34+620	34+640	34+660	34+680	34+700	34+720	34+740	34+750



BOX CULVERT
STATION = 34+907
SKEW = 0°
No. OF CELL = 01
WIDTH = 1.5
DEPTH = 1.2

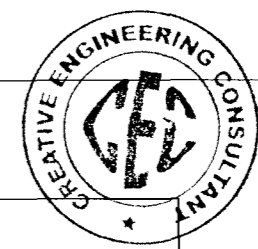
BOX CULVERT
STATION = 34+967
SKEW = 0°
No. OF CELL = 01
WIDTH = 1.5
DEPTH = 1.2

BOX CULVERT
STATION = 35+031
SKEW = 0°
No. OF CELL = 01
WIDTH = 1.5
DEPTH = 1.2

BOX CULVERT
STATION = 35+152
SKEW = 0°
No. OF CELL = 01
WIDTH = 1.5
DEPTH = 1.2

BOX CULVERT
STATION = 35+275
SKEW = 0°
No. OF CELL = 01
WIDTH = 1.5
DEPTH = 1.2

BOX CULVERT
STATION = 35+397
SKEW = 0°
No. OF CELL = 01
WIDTH = 1.5
DEPTH = 1.2



NOTES
1:- ALL DIMENSIONS ARE IN METERS.

LEGEND

REV.	REVISION/ISSUE	DATE

TENDER DRAWINGS

PROJECT:
CONSTRUCTION OF RAJANPUR-DG KHAN SECTION OF N-55 AS 4-LANE HIGHWAY (121.50 km)
PACKAGE-1 (Km 0+000 TO Km 57+500)

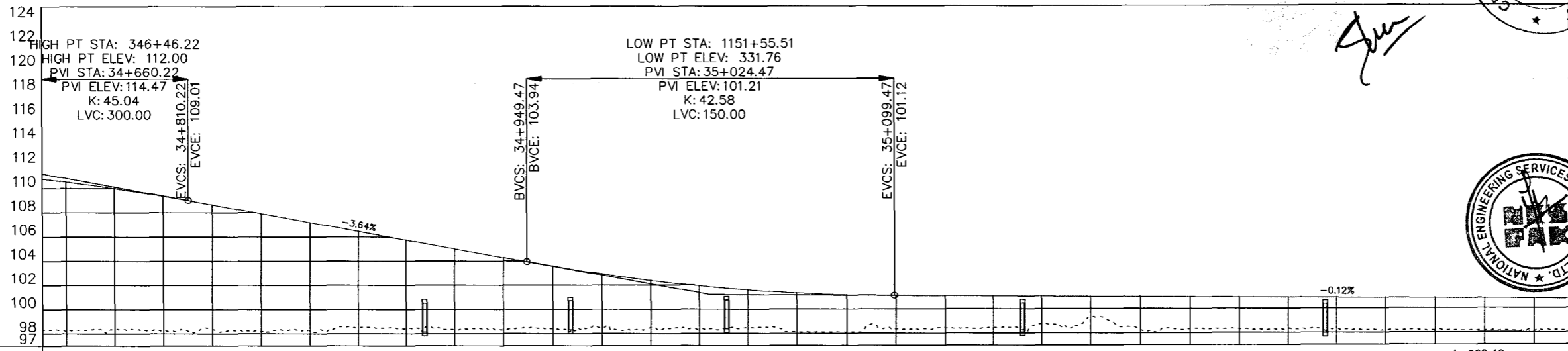
CLIENT:
NATIONAL HIGHWAYS AUTHORITY (NHA)

CONSULTANTS:
MENCONSULT. SDN BHD
SAMAN CORPORATION
SHELADIA ASSOCIATES
CEC
AAA
ACE
AA
ACC

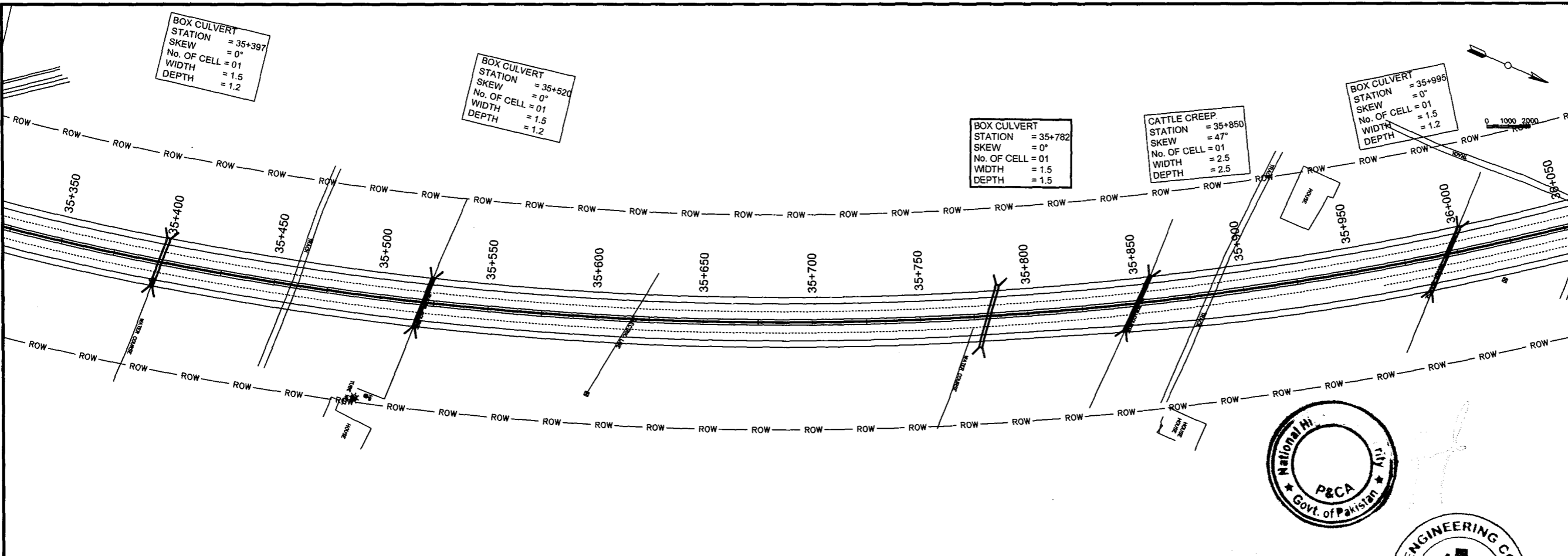
DRAWING TITLE:
PLAN & PROFILE

DESIGN BY: S.M	SHEET NO: 55 OF 92
DRAWN BY: S.M	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024
APPROVED BY:	REVISION:

CAD FILE NAME:
CAREC/T-III/TD/004



HCD	L=2284.97m																												L=999.48m R=1500.00m					
VCD	Grade (-3.64%) Tangent Length (139.24) Chainage (34+949.47) Elevation (103.94)														Grade (-0.12%) Tangent Length (361.75) Chainage (35+461.22) Elevation (100.69)																			
P.G.L	34+750	34+760	34+780	34+800	34+820	34+840	34+860	34+880	34+900	34+920	34+940	34+960	34+980	35+000	35+020	35+040	35+060	35+080	35+100	35+120	35+140	35+160	35+180	35+200	35+220	35+240	35+260	35+280	35+300	35+320	35+340	35+360	35+375	
N.S.L	98.320	98.238	98.345	98.280	98.369	98.188	98.250	98.522	98.408	98.297	98.305	98.411	98.533	98.512	98.308	98.478	98.106	98.069	98.346	98.440	98.452	98.768	99.341	98.229	98.283	98.301	98.335	98.275	98.165	98.192	98.114	98.117	98.158	100.793
CH	34+750	34+760	34+780	34+800	34+820	34+840	34+860	34+880	34+900	34+920	34+940	34+960	34+980	35+000	35+020	35+040	35+060	35+080	35+100	35+120	35+140	35+160	35+180	35+200	35+220	35+240	35+260	35+280	35+300	35+320	35+340	35+360	35+375	



NOTES
 1:- ALL DIMENSIONS ARE IN METERS.

LEGEND

REV.	REVISION/ISSUE	DATE

PROJECT:
 CONSTRUCTION OF RAJANPUR-DG KHAN SECTION OF N-55 AS 4-LANE HIGHWAY (121.50 km)
 PACKAGE-1
 (Km 0+000 TO Km 57+500)

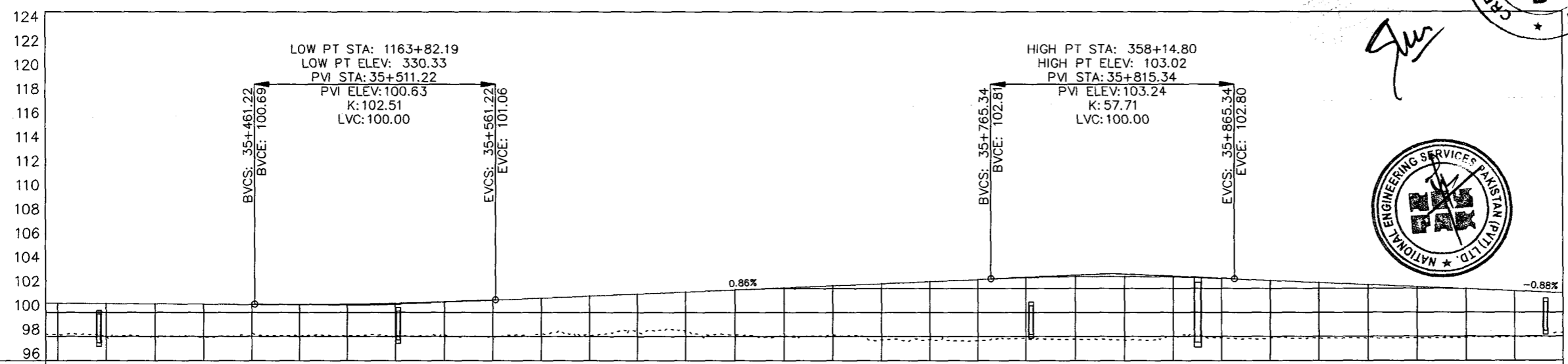
CLIENT:
 NATIONAL HIGHWAYS AUTHORITY (NHA)

- CONSULTANTS:**
- MINCONSULT SDN BHD
In Joint Venture With
 - SAMAN CORPORATION
 - SHELADIA ASSOCIATES
 - CEC
 - AAA
 - ACE
 - AA
 - ACC

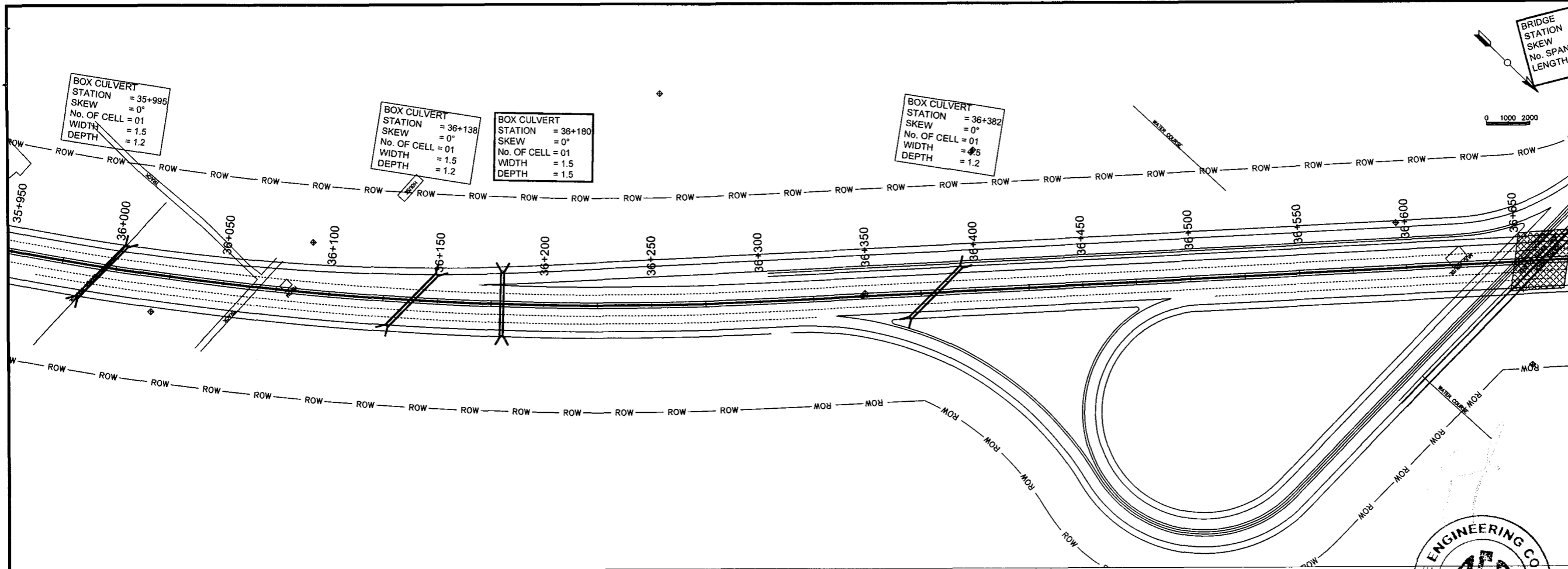
DRAWING TITLE:
 PLAN & PROFILE

DESIGN BY: S.M	SHEET NO: 56 OF 92
DRAWN BY: S.M	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024
APPROVED BY:	REVISION:

CAD FILE NAME:
 CAREC/T-III/TD/004



HCD	L=999.48m																																
VCD	Grade (0.86%) Tangent Length (204.12) Chainage (35+765.34) Elevation (102.81)																																
P.G.L	100.793	100.787	100.764	100.740	100.716	100.693	100.686	100.719	100.790	100.901	101.050	101.221	101.393	101.564	101.736	101.907	102.079	102.250	102.421	102.593	102.764	102.917	103.003	103.019	102.967	102.845	102.672	102.497	102.322	102.147	101.971	101.796	101.621
N.S.L	98.458	98.172	98.061	98.048	97.971	98.320	98.133	98.084	98.137	98.105	97.943	98.203	98.119	98.433	98.429	98.135	98.049	98.109	97.743	97.771	97.679	97.863	97.792	97.719	97.976	97.916	97.891	97.844	97.863	97.887	97.907	97.970	98.296
CH	35+375	35+380	35+400	35+420	35+440	35+460	35+480	35+500	35+520	35+540	35+560	35+580	35+600	35+620	35+640	35+660	35+680	35+700	35+720	35+740	35+760	35+780	35+800	35+820	35+840	35+860	35+880	35+900	35+920	35+940	35+960	35+980	36+000



NOTES
1- ALL DIMENSIONS ARE IN METERS.

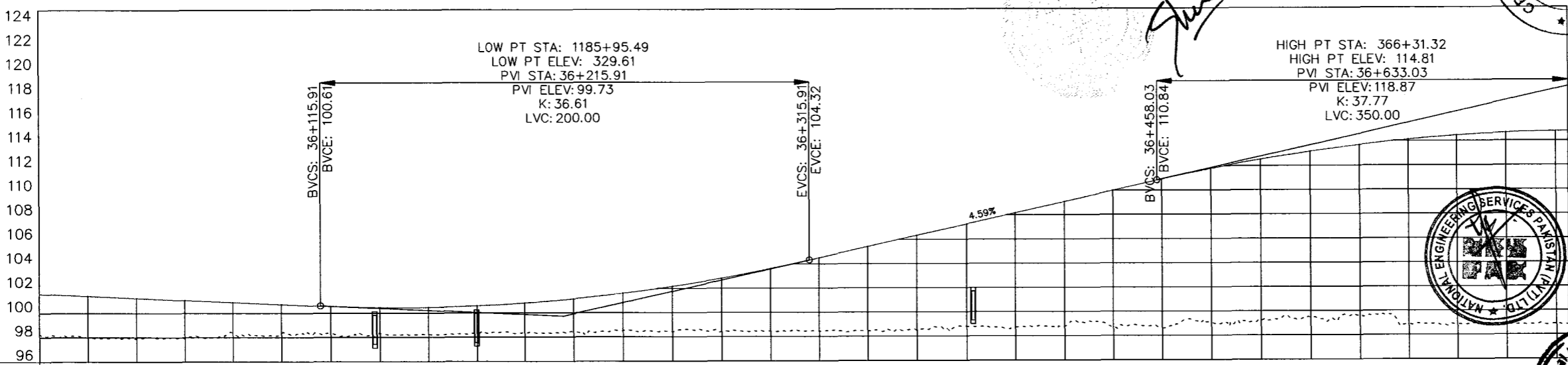
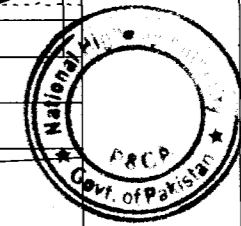
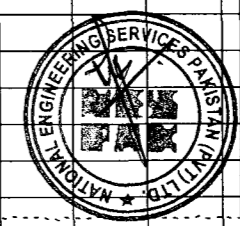
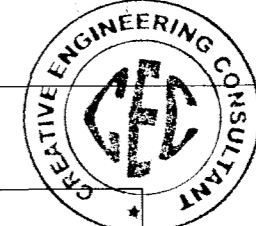
LEGEND

REV.	REVISION/ISSUE	DATE

PROJECT:
CONSTRUCTION OF RAJANPUR-DG KHAN SECTION OF N-65 AS 4-LANE HIGHWAY (121.50 km)
PACKAGE-1
(Km 0+000 TO Km 57+500)

CLIENT:
NATIONAL HIGHWAYS AUTHORITY (NHA)

- CONSULTANTS:**
- MENCONSULT SDN BHD In Joint Venture With SAMAN CORPORATION
 - SHELDADIA ASSOCIATES
 - CEC
 - AAA
 - ACE
 - AA
 - ACC

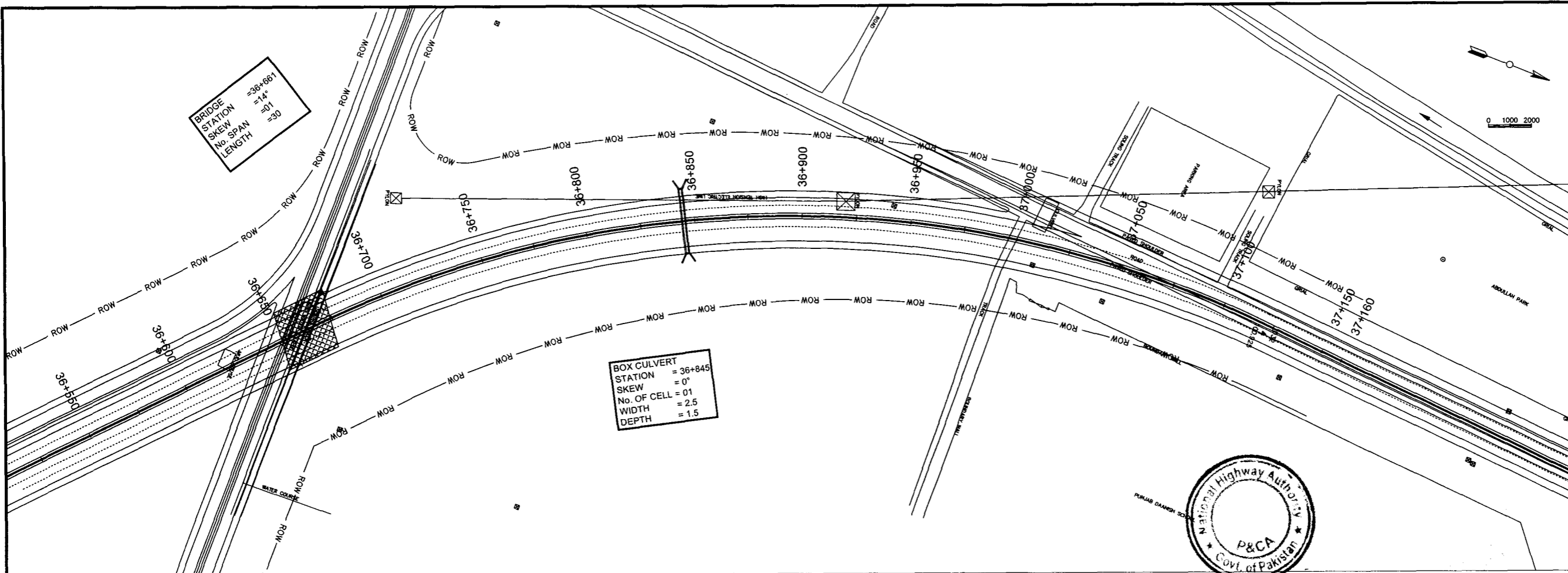


Station	HCD	VCD	P.G.L	N.S.L	CH
36+000		Grade (-0.88%)	101.621	98.296	36+000
36+020		Tangent Length (250.58)	101.446	97.981	36+020
36+040		Chainage (36+115.91)	101.271	97.920	36+040
36+060		Elevation (100.61)	101.096	97.938	36+060
36+080			100.920	98.368	36+080
36+100			100.745	98.324	36+100
36+120			100.572	98.332	36+120
36+140			100.474	98.335	36+140
36+160			100.485	98.230	36+160
36+180			100.606	98.337	36+180
36+200			100.835	98.349	36+200
36+220			101.174	98.431	36+220
36+240			101.622	98.522	36+240
36+260			102.180	98.434	36+260
36+280			102.846	98.411	36+280
36+300			103.622	98.472	36+300
36+320			104.505	98.437	36+320
36+340			105.423	98.457	36+340
36+360			106.340	98.477	36+360
36+380			107.258	98.796	36+380
36+400			108.175	98.705	36+400
36+420			109.093	98.770	36+420
36+440			110.010	98.662	36+440
36+460			110.927	98.613	36+460
36+480			111.781	99.075	36+480
36+500			112.529	99.195	36+500
36+520			113.172	99.466	36+520
36+540			113.708	99.638	36+540
36+560			114.139	98.878	36+560
36+580			114.463	98.861	36+580
36+600			114.682	98.862	36+600
36+620			114.795	98.843	36+620
36+625			114.807	98.816	36+625

DRAWING TITLE:
PLAN & PROFILE

DESIGN BY: S.M	SHEET NO: 57 OF 92
DRAWN BY: S.M	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024
APPROVED BY:	REVISION:

CAD FILE NAME:
CAREC/T-III/TD/004



BRIDGE
STATION = 36+881
SKEW = 14°
No. SPAN = 01
LENGTH = 30

BOX CULVERT
STATION = 36+845
SKEW = 0°
No. OF CELL = 01
WIDTH = 2.5
DEPTH = 1.5



NOTES

1- ALL DIMENSIONS ARE IN METERS.

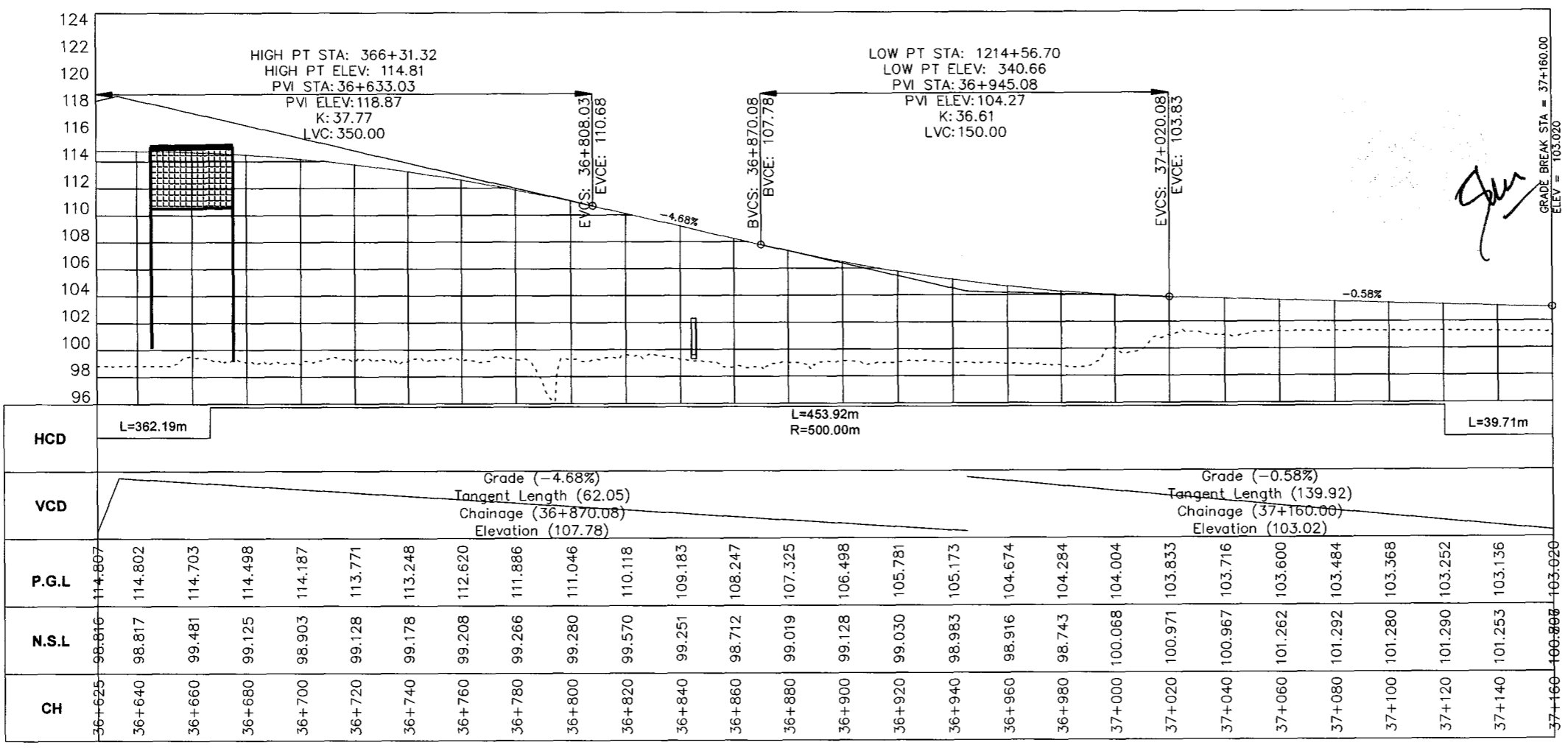
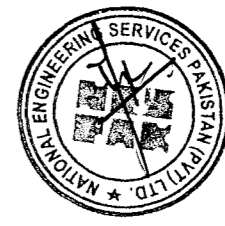
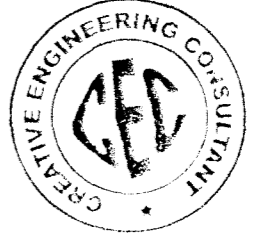
LEGEND

REV.	REVISION/ISSUE	DATE

PROJECT:
CONSTRUCTION OF RAJANPUR-DG KHAN SECTION OF N-55 AS 4-LANE HIGHWAY (121.50 km)
PACKAGE-1
(Km 0+000 TO Km 57+500)

CLIENT:
NATIONAL HIGHWAYS AUTHORITY (NHA)

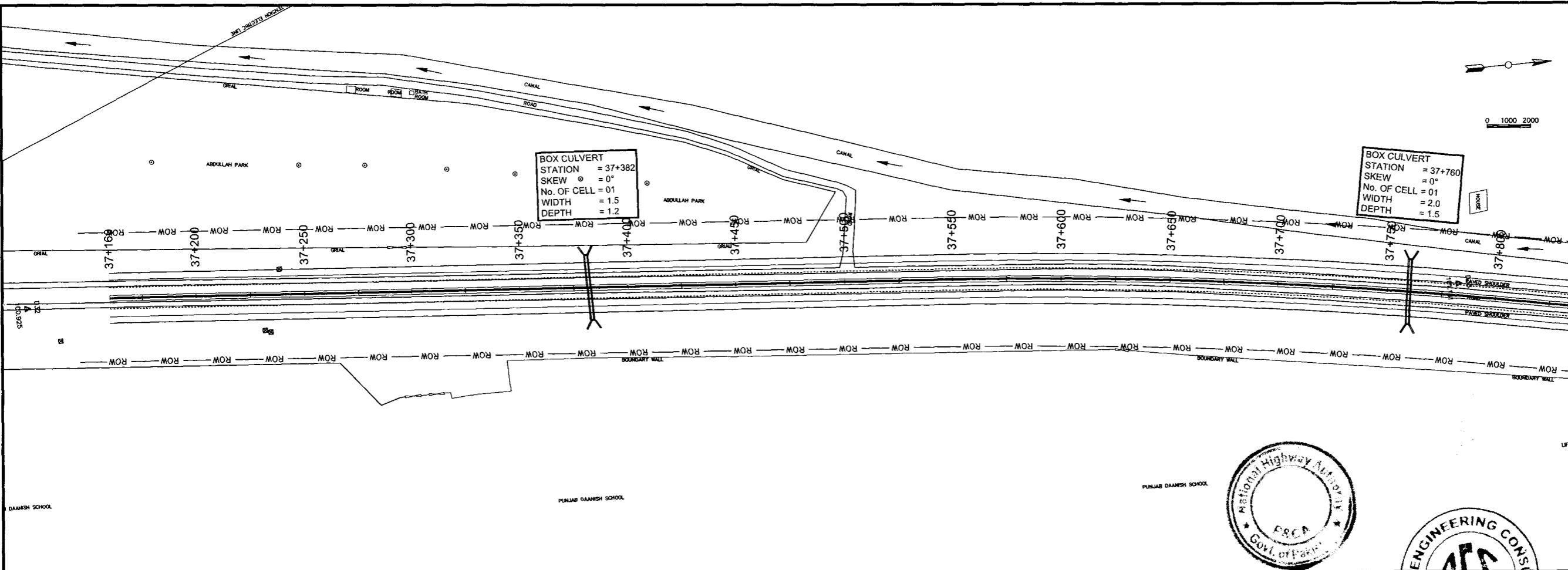
- CONSULTANTS:**
- MINCONSULT. SDN BHD
In Joint Venture With
 - SAMAN CORPORATION
 - SHELADIA ASSOCIATES
 - CEC
 - AAA
 - ACE
 - AA
 - ACC



DRAWING TITLE:
PLAN & PROFILE

DESIGN BY: S.M	SHEET NO: 58 OF 92
DRAWN BY: S.M	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024
APPROVED BY:	REVISION:

CAD FILE NAME:
CAREC/T-III/TD/004



NOTES
1.- ALL DIMENSIONS ARE IN METERS.

LEGEND

REV.	REVISION/ISSUE	DATE

PROJECT:
CONSTRUCTION OF RAJANPUR-DG KHAN SECTION OF N-55 AS 4-LANE HIGHWAY (121.50 km)
PACKAGE-1 (Km 0+000 TO Km 57+500)

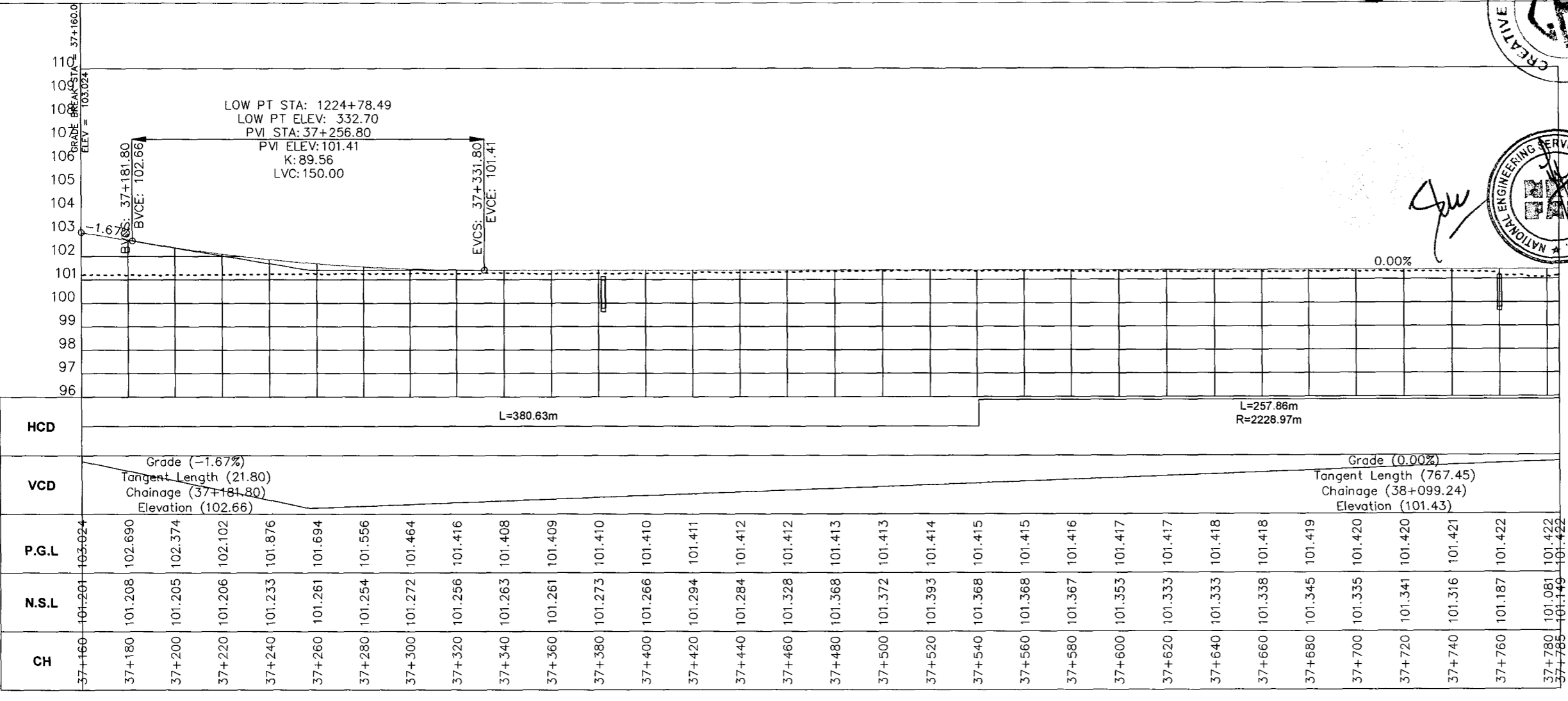
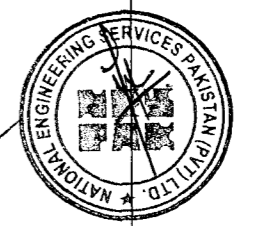
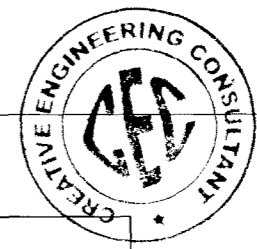
CLIENT:
NHA NATIONAL HIGHWAYS AUTHORITY (NHA)

- CONSULTANTS:**
- MINCONSULT SDN BHD In Joint Venture With
 - SAMAN CORPORATION
 - SHELADIA ASSOCIATES
 - CEC
 - AAA
 - ACE
 - AA
 - ACC

DRAWING TITLE:
PLAN & PROFILE

DESIGN BY: S.M	SHEET NO: 59 OF 92
DRAWN BY: S.M	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL 2024
APPROVED BY:	REVISION:

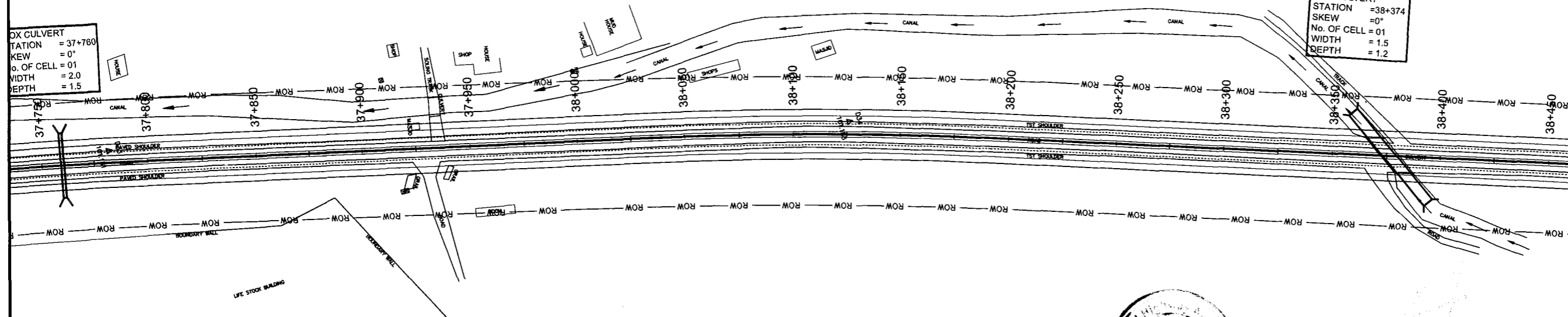
CAD FILE NAME:
CAREC/T-III/TD/005



Station	CH	N.S.L	P.G.L	VCD	HCD
37+160	101.201	101.201	102.024		
37+180	101.208	101.208	102.690		
37+200	101.205	101.205	102.374		
37+220	101.206	101.206	102.102		
37+240	101.233	101.233	101.876		
37+260	101.261	101.261	101.694		
37+280	101.254	101.254	101.556		
37+300	101.272	101.272	101.464		
37+320	101.256	101.256	101.416		
37+340	101.263	101.263	101.408		
37+360	101.261	101.261	101.409		
37+380	101.273	101.273	101.410		
37+400	101.266	101.266	101.410		
37+420	101.294	101.294	101.411		
37+440	101.284	101.284	101.412		
37+460	101.328	101.328	101.412		
37+480	101.368	101.368	101.413		
37+500	101.372	101.372	101.413		
37+520	101.393	101.393	101.414		
37+540	101.368	101.368	101.415		
37+560	101.368	101.368	101.415		
37+580	101.367	101.367	101.416		
37+600	101.353	101.353	101.417		
37+620	101.333	101.333	101.417		
37+640	101.333	101.333	101.418		
37+660	101.338	101.338	101.418		
37+680	101.345	101.345	101.419		
37+700	101.335	101.335	101.420		
37+720	101.341	101.341	101.420		
37+740	101.316	101.316	101.421		
37+760	101.187	101.187	101.422		
37+780	101.081	101.081	101.422		
37+785	101.149	101.149	101.422		

BOX CULVERT
STATION = 37+760
SKEW = 0°
No. OF CELL = 01
WIDTH = 2.0
DEPTH = 1.5

BOX CULVERT
STATION = 38+374
SKEW = 0°
No. OF CELL = 01
WIDTH = 1.5
DEPTH = 1.2



NOTES
1:- ALL DIMENSIONS ARE IN METERS.

LEGEND

REV.	REVISION/ISSUE	DATE

PROJECT:
CONSTRUCTION OF RAJANPUR-DG KHAN SECTION OF N-55 AS 4-LANE HIGHWAY (121.50 km)
PACKAGE-1 (Km 0+000 TO Km 57+500)

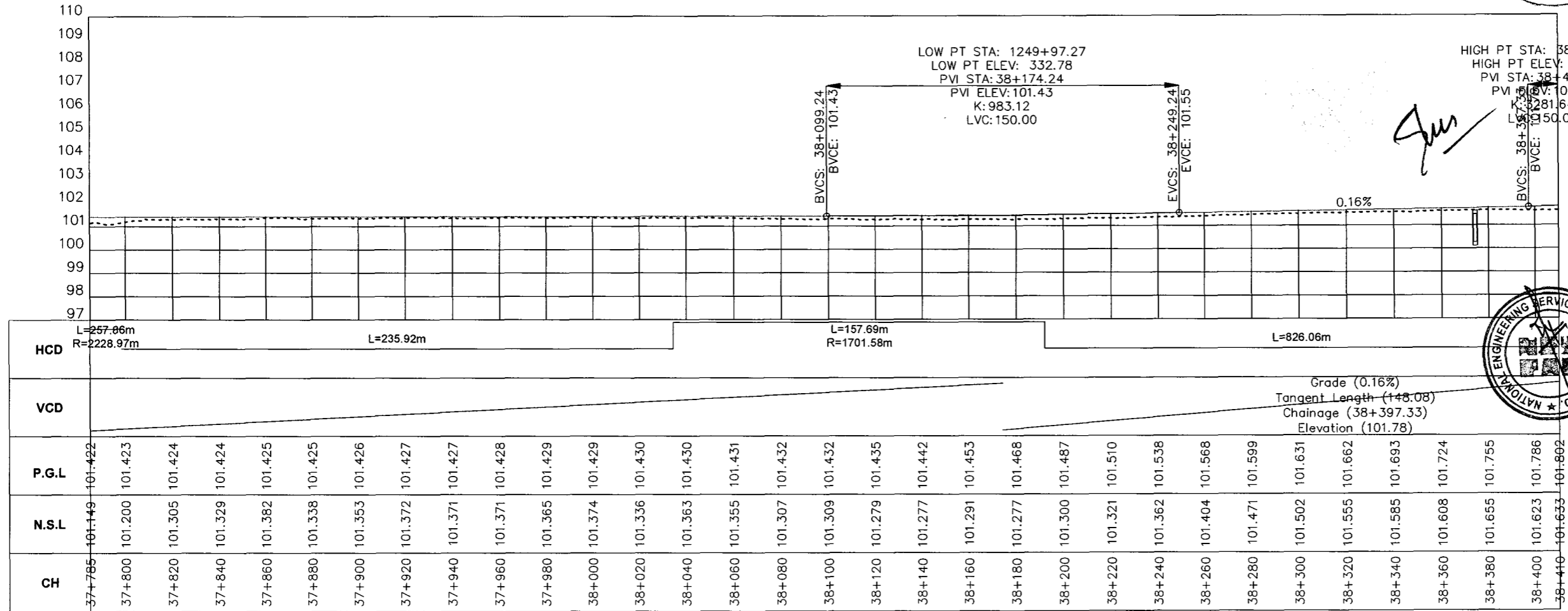
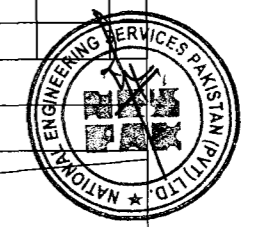
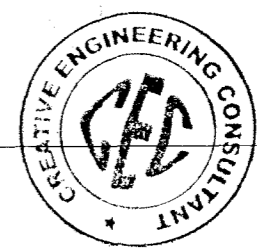
CLIENT:
NATIONAL HIGHWAYS AUTHORITY (NHA)

- CONSULTANTS:**
- MENCONSULT SDN BHD In Joint Venture With
 - SAMAN CORPORATION
 - SHELADIA ASSOCIATES
 - CEC
 - AAA
 - ACE
 - AA
 - ACC

DRAWING TITLE:
PLAN & PROFILE

DESIGN BY: S.M	SHHEET NO: 60 OF 92
DRAWN BY: S.M	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL 2024
APPROVED BY:	REVISION:

CAD FILE NAME:
CAREC/T-III/TD/005

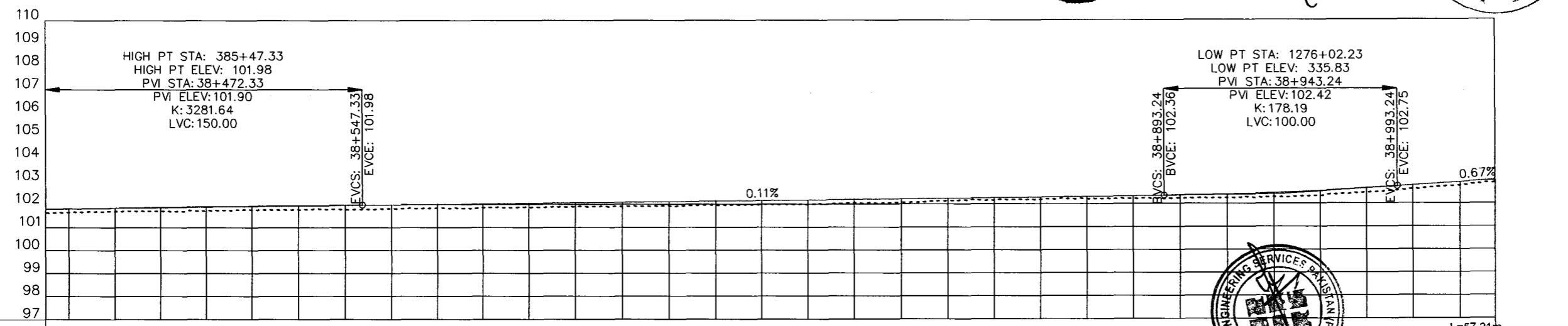
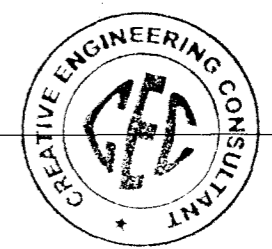
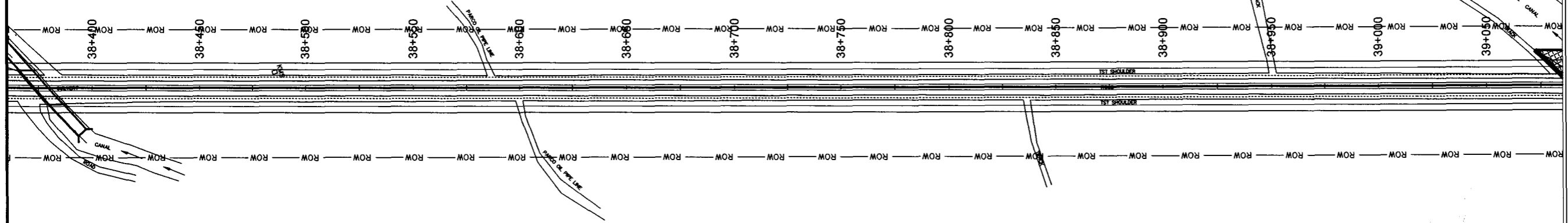


ERT
=38+374
=0°
L = 01
= 1.5
= 1.2

BRIDGE
STATION = 38
SKEW = 4
No. SPAN 1000 2000 = 1
LENGTH OF SPAN = 20
TOTAL LENGTH = 20

NOTES
1:- ALL DIMENSIONS ARE IN METERS.

LEGEND



Station	HCD	VCD	P.G.L	N.S.L	CH
38+410			101.633	101.862	
38+420			101.655	101.817	
38+440			101.699	101.846	
38+460			101.706	101.874	
38+480			101.732	101.900	
38+500			101.774	101.926	
38+520			101.774	101.950	
38+540			101.781	101.973	
38+560			101.826	101.995	
38+580			101.855	102.017	
38+600			101.862	102.039	
38+620			101.877	102.061	
38+640			101.898	102.083	
38+660			101.914	102.105	
38+680			101.930	102.127	
38+700			101.964	102.149	
38+720			101.993	102.171	
38+740			101.989	102.193	
38+760			102.056	102.215	
38+780			102.079	102.237	
38+800			102.148	102.259	
38+820			102.171	102.281	
38+840			102.201	102.303	
38+860			102.226	102.325	
38+880			102.236	102.347	
38+900			102.241	102.371	
38+920			102.254	102.412	
38+940			102.292	102.475	
38+960			102.346	102.561	
38+980			102.480	102.669	
39+000			102.637	102.798	
39+020			102.784	102.932	
39+035			102.922	103.035	

TENDER DRAWINGS	
REV.	REVISION/ISSUE DATE

PROJECT:
CONSTRUCTION OF RAJANPUR-DG KHAN SECTION OF N-55 AS 4-LANE HIGHWAY (121.50 km)
PACKAGE-1
(Km 0+000 TO Km 57+500)

CLIENT:
NATIONAL HIGHWAYS AUTHORITY (NHA)

- CONSULTANTS:**
- MINCONSULT. SDN BHD In Joint Venture With
 - SAMAN CORPORATION
 - SHELADIA ASSOCIATES
 - CEC
 - AAA
 - ACE
 - AA
 - ACC

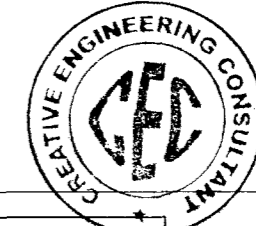
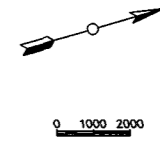
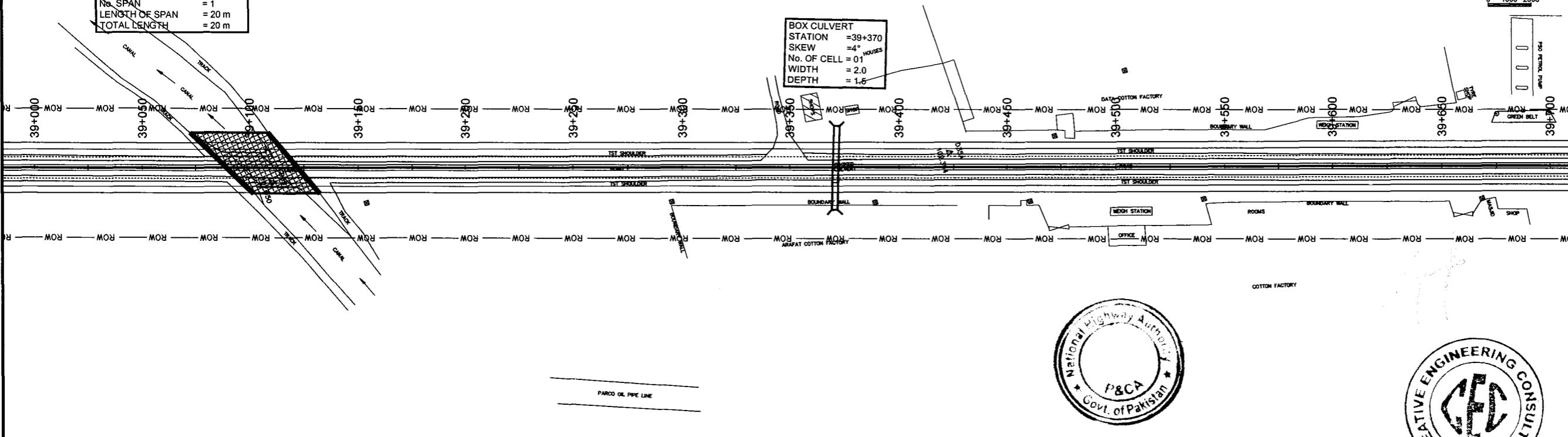
DRAWING TITLE:
PLAN & PROFILE

DESIGN BY: S.M	SHEET NO: 61 OF 92
DRAWN BY: S.M	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL-2024
APPROVED BY:	REVISION:

CAD FILE NAME:
CAREC/T-III/TD/005

BRIDGE
STATION = 39+110
SKEW = 44°
No. SPAN = 1
LENGTH OF SPAN = 20 m
TOTAL LENGTH = 20 m

BOX CULVERT
STATION = 39+370
SKEW = 4°
No. OF CELL = 01
WIDTH = 2.0
DEPTH = 1.6



NOTES

1- ALL DIMENSIONS ARE IN METERS.

LEGEND

REV.	REVISION/ISSUE	DATE

PROJECT:
CONSTRUCTION OF RAJANPUR-DG KHAN SECTION OF N-55 AS 4-LANE HIGHWAY (121.50 km)
PACKAGE-1 (Km 0+000 TO Km 57+500)

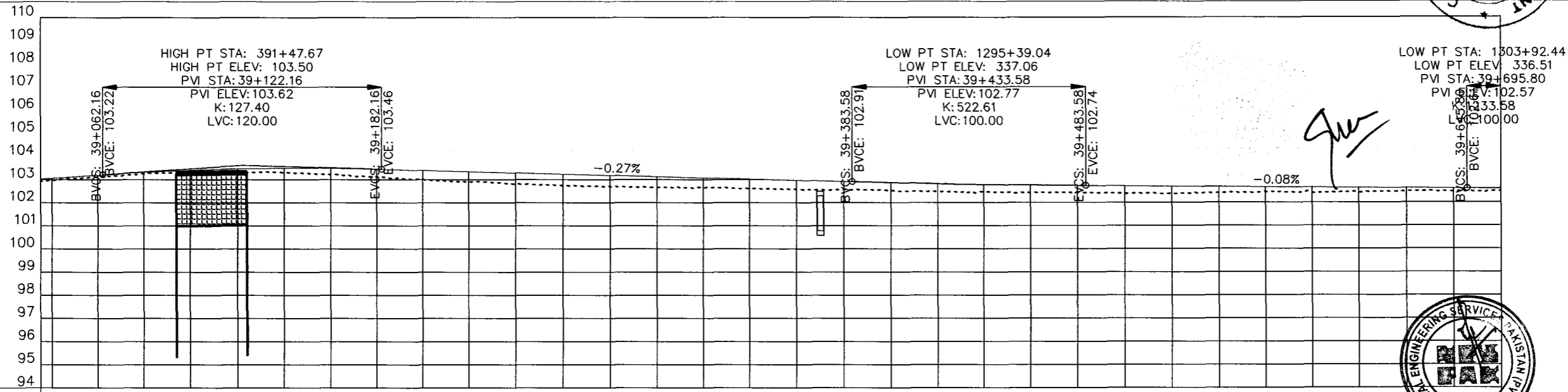
CLIENT:
NATIONAL HIGHWAYS AUTHORITY (NHA)

- CONSULTANTS:**
- MINCONSULT SDN BHD In Joint Venture With
 - SAMAN CORPORATION
 - SHELADIA ASSOCIATES
 - CEC
 - AAA
 - ACE
 - AA
 - ACC

DRAWING TITLE:
PLAN & PROFILE

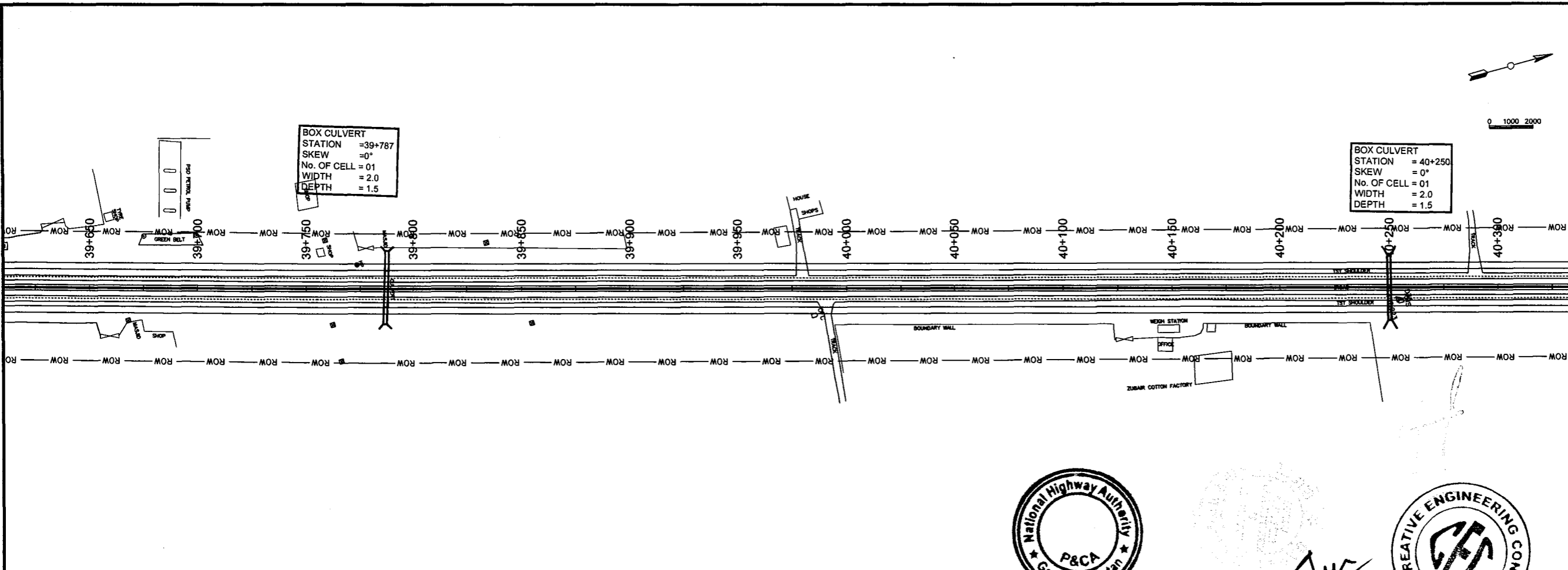
DESIGN BY: S.M	SHEET NO: 62 OF 92
DRAWN BY: S.M	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024
APPROVED BY:	REVISION:

CAD FILE NAME:
CAREC/T-III/TD/005



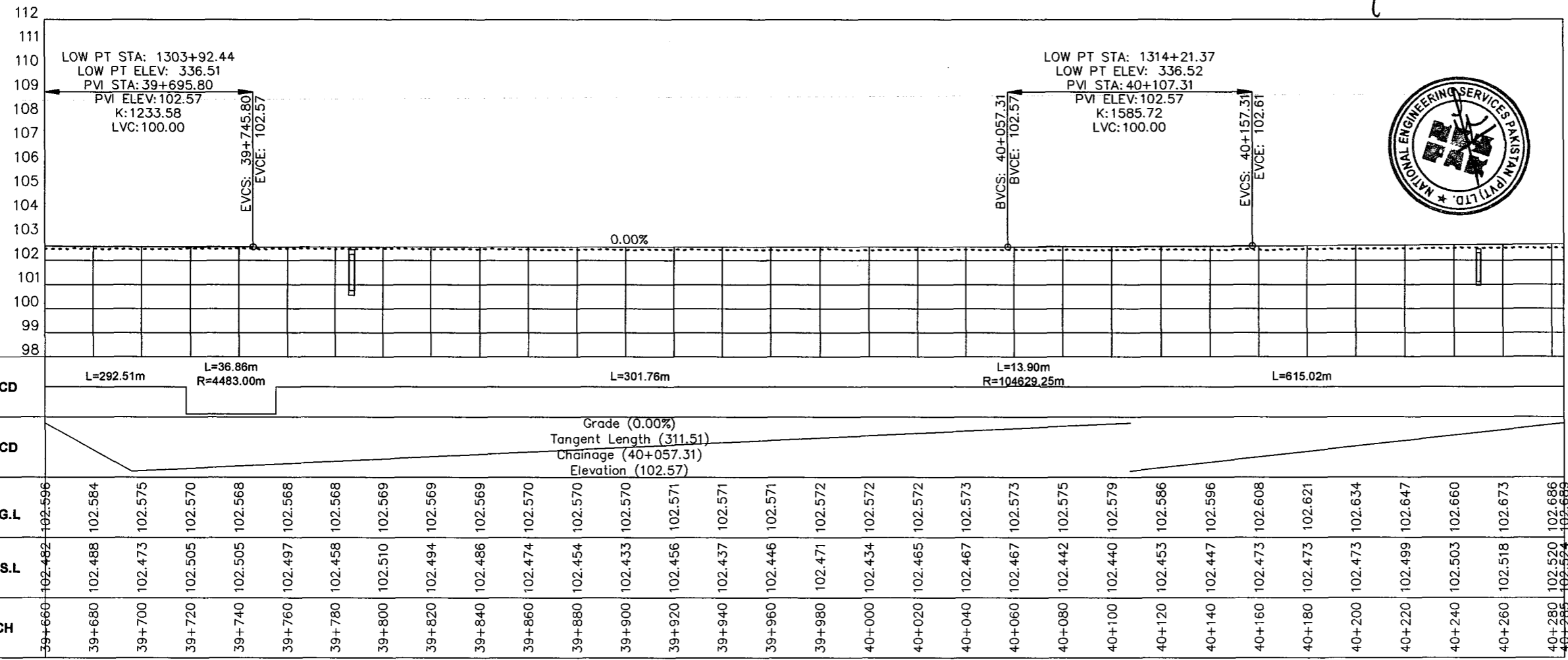
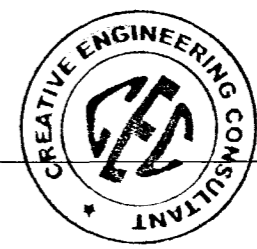
Station	CH	N.S.L	P.G.L	HCD
39+035	102.922	103.033	103.066	L=57.21m R=19562.59m
39+040	102.967	103.201	103.322	
39+060	103.119	103.340	103.413	L=310.25m
39+080	103.259	103.472	103.500	
39+100	103.327	103.496	103.461	
39+120	103.340	103.407	103.353	
39+140	103.312	103.299	103.245	
39+160	103.216	103.191	103.137	
39+180	103.113	102.818	102.664	
39+200	103.014	102.740	102.625	
39+220	102.912	102.702	102.579	
39+240	102.818	102.673	102.561	
39+260	102.740	102.673	102.526	L=40.19m R=128500.00m
39+280	102.702	102.673	102.480	
39+300	102.673	102.673	102.461	
39+320	102.664	102.664	102.431	
39+340	102.625	102.625	102.444	
39+360	102.579	102.579	102.388	
39+380	102.561	102.561	102.383	
39+400	102.526	102.526	102.690	
39+420	102.480	102.480	102.675	
39+440	102.461	102.461	102.659	
39+460	102.431	102.431	102.643	L=292.51m
39+480	102.444	102.444	102.627	
39+500	102.388	102.388	102.611	
39+520	102.383	102.383	102.482	
39+540	102.423	102.423	102.482	
39+560	102.457	102.457	102.482	
39+580	102.421	102.421	102.482	
39+600	102.434	102.434	102.482	
39+620	102.465	102.465	102.482	
39+640	102.468	102.468	102.482	
39+660	102.482	102.482	102.482	





BOX CULVERT
 STATION = 39+787
 SKEW = 0°
 No. OF CELL = 01
 WIDTH = 2.0
 DEPTH = 1.5

BOX CULVERT
 STATION = 40+250
 SKEW = 0°
 No. OF CELL = 01
 WIDTH = 2.0
 DEPTH = 1.5



NOTES
 1- ALL DIMENSIONS ARE IN METERS.

LEGEND

REV.	REVISION/ISSUE	DATE

TENDER DRAWINGS

PROJECT:
 CONSTRUCTION OF RAJANPUR-DG KHAN SECTION OF N-55 AS 4-LANE HIGHWAY (121.50 km)
 PACKAGE-1 (Km 0+000 TO Km 57+500)

CLIENT:
 NATIONAL HIGHWAYS AUTHORITY (NHA)

CONSULTANTS:
 MINCONSULT. SDN BHD
 In Joint Venture With
 SAMAN CORPORATION
 SHELADIA ASSOCIATES
 CEC
 AAA
 ACE
 AA
 ACC

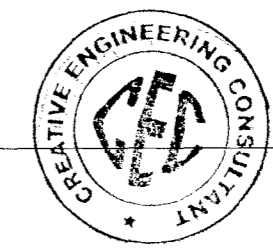
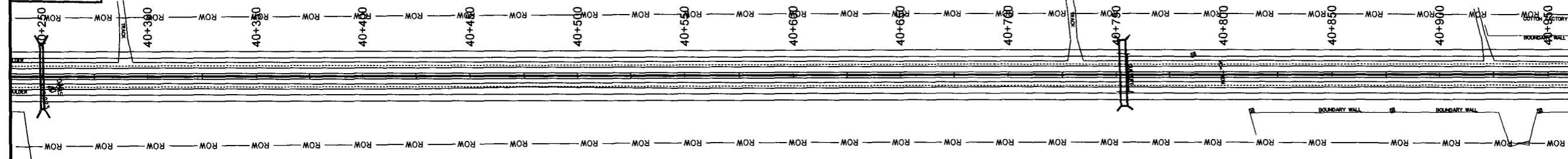
DRAWING TITLE:
 PLAN & PROFILE

DESIGN BY: S.M	SHEET NO: 63 OF 92
DRAWN BY: S.M	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL 2024
APPROVED BY:	REVISION:

CAD FILE NAME:
 CAREC/T-III/TD/005

BOX CULVERT
 STATION = 40+250
 SKEW = 0°
 No. OF CELL = 01
 WIDTH = 2.0
 DEPTH = 1.5

BOX CULVERT
 STATION = 40+753
 SKEW = 0°
 No. OF CELL = 01
 WIDTH = 3.0
 DEPTH = 1.5



Ju

NOTES
 1- ALL DIMENSIONS ARE IN METERS.

LEGEND

REV.	REVISION/ISSUE	DATE

TENDER DRAWINGS

PROJECT:
 CONSTRUCTION OF RAJANPUR-DG KHAN SECTION OF N-55 AS 4-LANE HIGHWAY (121.50 km)
 PACKAGE-1 (Km 0+000 TO Km 57+500)

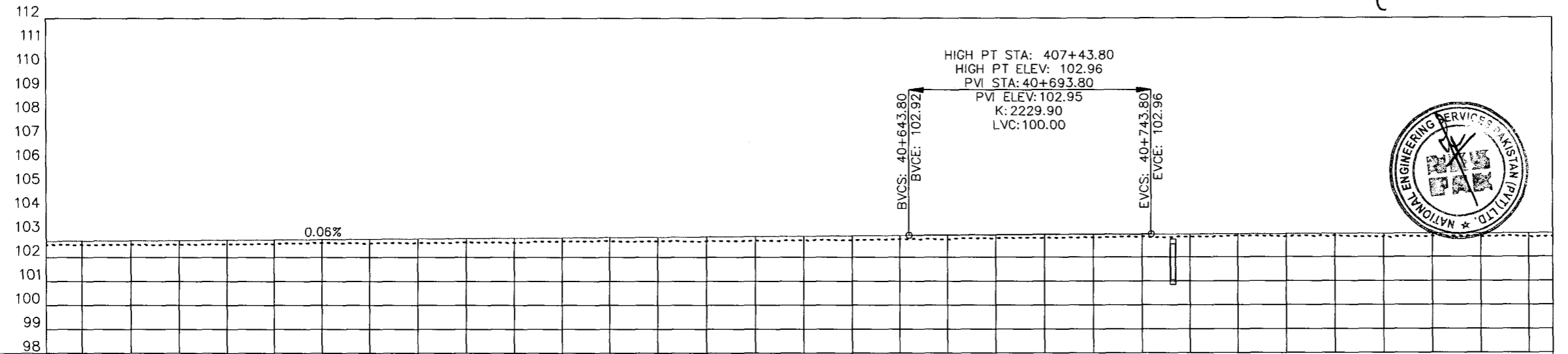
CLIENT:
 NATIONAL HIGHWAYS AUTHORITY (NHA)

CONSULTANTS:
 MINCONSULT. SDN BHD In Joint Venture With
 SAMAN CORPORATION
 SHELADIA ASSOCIATES
 CEC
 AAA
 ACE
 AA
 ACC

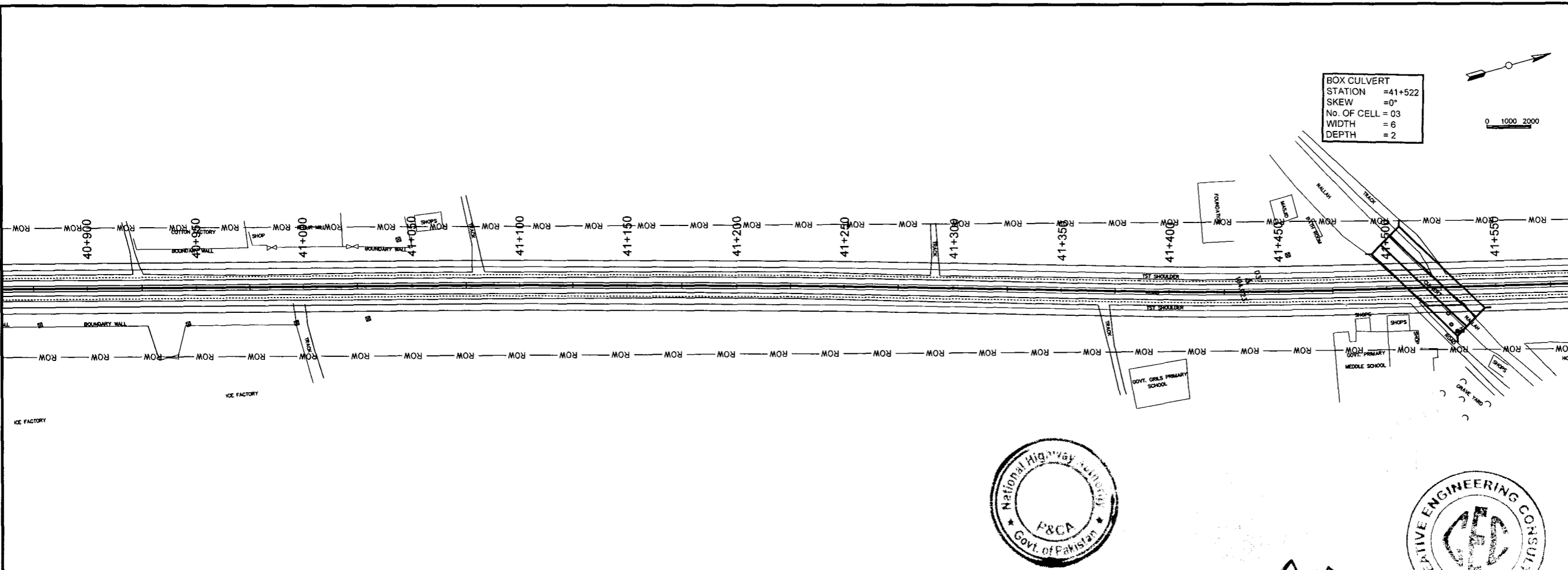
DRAWING TITLE:
 PLAN & PROFILE

DESIGN BY: S.M	SHEET NO: 64 OF 92
DRAWN BY: S.M	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024
APPROVED BY:	REVISION:

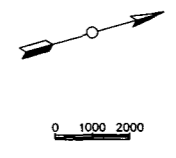
CAD FILE NAME:
 CAREC/T-III/TD/005



HCD	L=615.02m		L=7.88m R=2000.00m		L=384.63m																													
VCD	Grade (0.06%) Tangent Length (486.49) Chainage (40+643.80) Elevation (102.92)																																	
P.G.L	40+285	40+300	40+320	40+340	40+360	40+380	40+400	40+420	40+440	40+460	40+480	40+500	40+520	40+540	40+560	40+580	40+600	40+620	40+640	40+660	40+680	40+700	40+720	40+740	40+760	40+780	40+800	40+820	40+840	40+860	40+880	40+900	40+910	
N.S.L	102.524	102.529	102.537	102.539	102.566	102.574	102.612	102.590	102.613	102.789	102.802	102.815	102.828	102.841	102.854	102.867	102.880	102.893	102.906	102.919	102.931	102.942	102.951	102.958	102.963	102.967	102.971	102.975	102.979	102.983	102.987	102.991	102.995	102.997
CH	102.689	102.699	102.712	102.725	102.738	102.750	102.763	102.776	102.789	102.802	102.815	102.828	102.841	102.854	102.867	102.880	102.893	102.906	102.919	102.931	102.942	102.951	102.958	102.963	102.967	102.971	102.975	102.979	102.983	102.987	102.991	102.995	102.997	



BOX CULVERT
 STATION =41+522
 SKEW =0°
 No. OF CELL = 03
 WIDTH = 6
 DEPTH = 2



NOTES
 1- ALL DIMENSIONS ARE IN METERS.

LEGEND

REV.	TENDER DRAWINGS	DATE

PROJECT:
 CONSTRUCTION OF RAJANPUR-DG KHAN SECTION OF N-55 AS 4-LANE HIGHWAY (121.50 km) PACKAGE-1 (Km 0+000 TO Km 57+500)

CLIENT:
 NHA NATIONAL HIGHWAYS AUTHORITY (NHA)

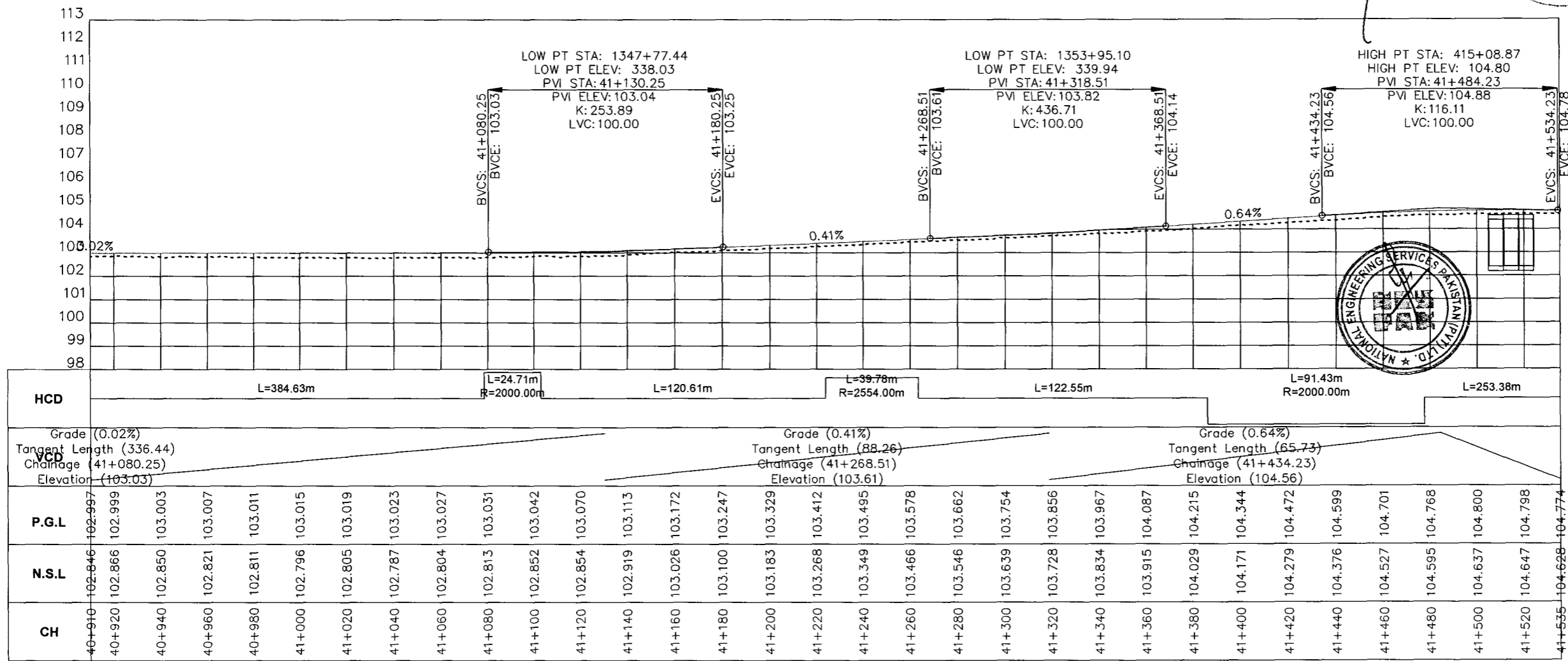
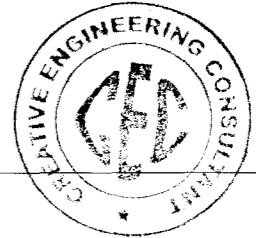
CONSULTANTS:

- MINCONSULT SDN BHD In Joint Venture With SAMAN CORPORATION
- SAMAN CORPORATION
- SHELADIA ASSOCIATES
- CEC
- AAA
- ACE
- AA
- ACC

DRAWING TITLE:
 PLAN & PROFILE

DESIGN BY: S.M	SHEET NO: 65 OF 92
DRAWN BY: S.M	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL 2024
APPROVED BY:	REVISION:

CAD FILE NAME:
 CAREC/T-III/TD/005



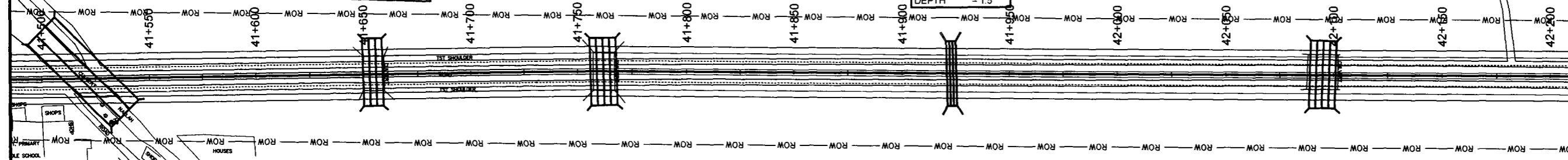
CULVERT
ON =41+522
=0°
CELL = 03
= 6
= 2

BOX CULVERT
STATION =41+655
SKEW =0°
No. OF CELL = 03
WIDTH = 3.0
DEPTH = 1.5

BOX CULVERT
STATION =41+761
SKEW =0°
No. OF CELL = 04
WIDTH = 3.0
DEPTH = 1.5

BOX CULVERT
STATION = 41+922
SKEW = 0°
No. OF CELL = 03
WIDTH = 3.0
DEPTH = 1.5

BOX CULVERT
STATION =42+100
SKEW =0°
No. OF CELL = 04
WIDTH = 3.0
DEPTH = 1.7



NOTES

1:- ALL DIMENSIONS ARE IN METERS.

LEGEND

REV.	REVISION/ISSUE	DATE

PROJECT:
CONSTRUCTION OF RAJANPUR-DG KHAN
SECTION OF N-55 AS 4-LANE HIGHWAY
(121.50 km)
PACKAGE-1
(Km 0+000 TO Km 57+500)

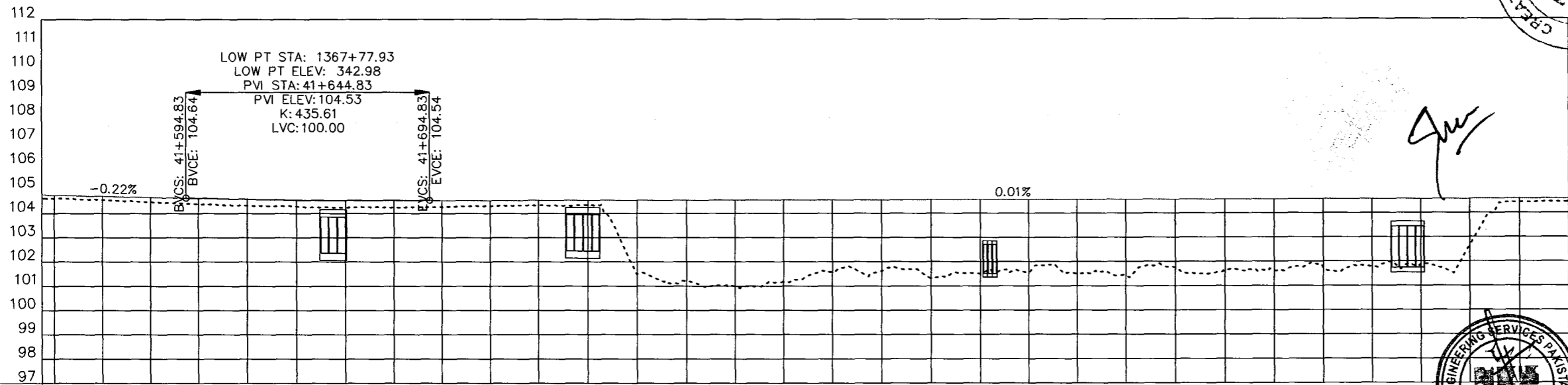
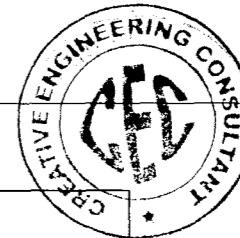
CLIENT:
**NATIONAL HIGHWAYS
AUTHORITY (NHA)**

- CONSULTANTS:
- MINCONSULT SDN BHD
In Joint Venture With
 - SAMAN CORPORATION
 - SHELADIA ASSOCIATES
 - CEC
 - AAA
 - ACE
 - AA
 - ACC

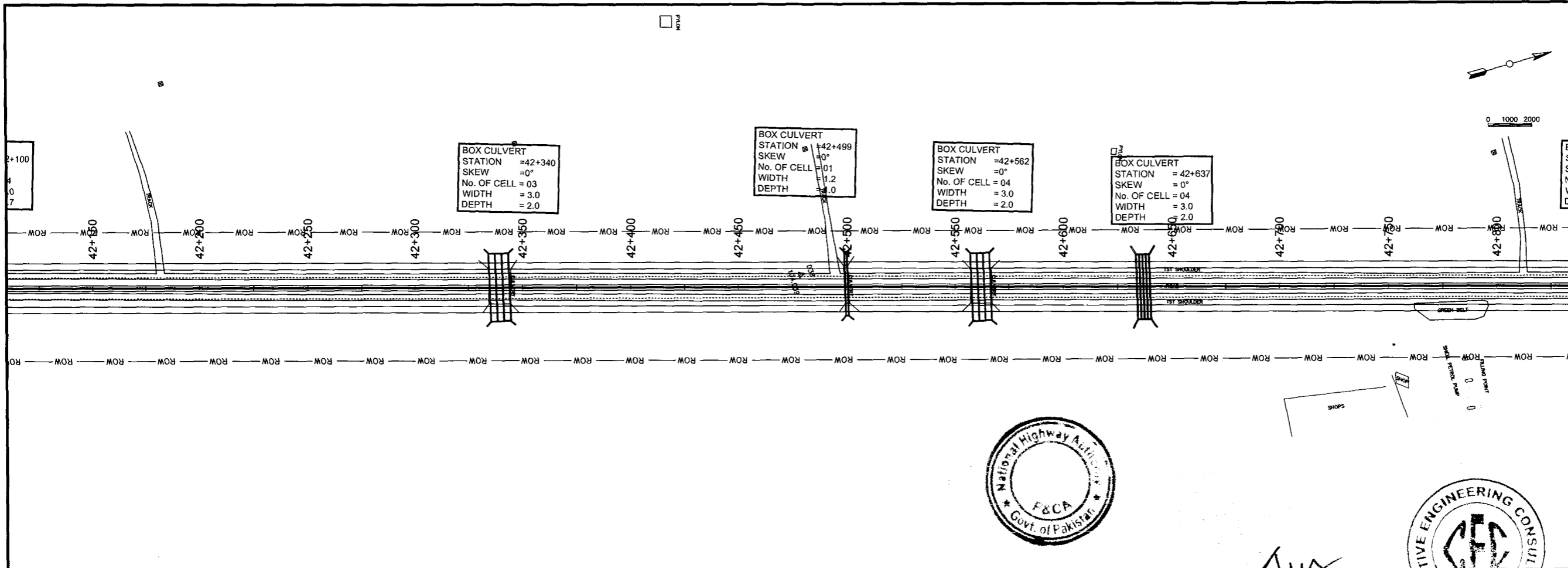
DRAWING TITLE:
PLAN & PROFILE

DESIGN BY: S.M	SHEET NO: 66 OF 92
DRAWN BY: S.M	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL 2024
APPROVED BY:	REVISION:

CAD FILE NAME:
CAREC/T-III/TD/005



HCD	L=253.38m	L=43.95m R=2000.00m	L=725.64m
VCD	Grade (-0.22%) Tangent Length (60.59) Chainage (41+594.83) Elevation (104.64)		Grade (0.01%) Tangent Length (477.21) Chainage (42+172.03) Elevation (104.59)
P.G.L	104.774 104.763	104.719 104.676 104.632 104.596 104.568 104.550 104.541 104.540 104.542 104.545 104.547 104.549 104.551 104.554 104.556 104.558 104.560 104.562 104.565 104.567 104.569 104.571 104.573	104.576 104.578 104.580 104.582 104.585 104.587 104.589
N.S.L	104.628 104.618	104.556 104.485 104.408 104.330 104.287 104.252 104.248 104.273 104.312 104.335 104.335 104.499 101.211 100.987 101.171 101.578 101.630 101.334 101.509 101.569 101.500 101.428 101.773 101.618 101.638 101.723 101.788 101.884 102.668 104.443	104.452 104.591
CH	41+525 41+540	41+560 41+580 41+600 41+620 41+640 41+660 41+680 41+700 41+720 41+740 41+760 41+780 41+800 41+820 41+840 41+860 41+880 41+900 41+920 41+940 41+960 41+980 42+000 42+020 42+040 42+060 42+080 42+100 42+120 42+140	42+160

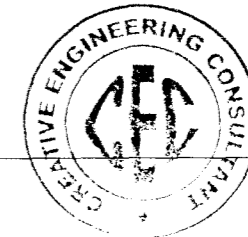


BOX CULVERT
STATION = 42+340
SKEW = 0°
No. OF CELL = 03
WIDTH = 3.0
DEPTH = 2.0

BOX CULVERT
STATION = 42+499
SKEW = 0°
No. OF CELL = 01
WIDTH = 1.2
DEPTH = 2.0

BOX CULVERT
STATION = 42+562
SKEW = 0°
No. OF CELL = 04
WIDTH = 3.0
DEPTH = 2.0

BOX CULVERT
STATION = 42+637
SKEW = 0°
No. OF CELL = 04
WIDTH = 3.0
DEPTH = 2.0



Jus

NOTES

1:- ALL DIMENSIONS ARE IN METERS.

LEGEND

TENDER DRAWINGS	
REV.	REVISION/ISSUE DATE

PROJECT:
CONSTRUCTION OF RAJANPUR-DG KHAN SECTION OF N-55 AS 4-LANE HIGHWAY (121.50 km)
PACKAGE-1 (Km 0+000 TO Km 57+500)

CLIENT:
NATIONAL HIGHWAYS AUTHORITY (NHA)

- CONSULTANTS:**
- MINCONSULT SDN BHD In Joint Venture With SAMAN CORPORATION
 - SHELDIA ASSOCIATES
 - CEC
 - AAA
 - ACE
 - AA
 - ACC

DRAWING TITLE:
PLAN & PROFILE

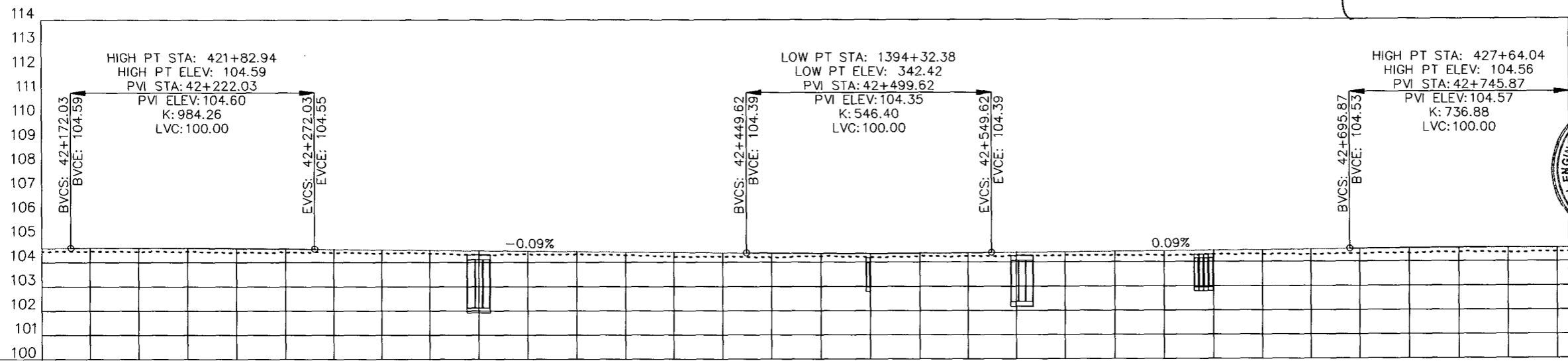
DESIGN BY: S.M
SHEET NO: 67 OF 92

DRAWN BY: S.M
SCALE: H = 1:2000
V = 1:100

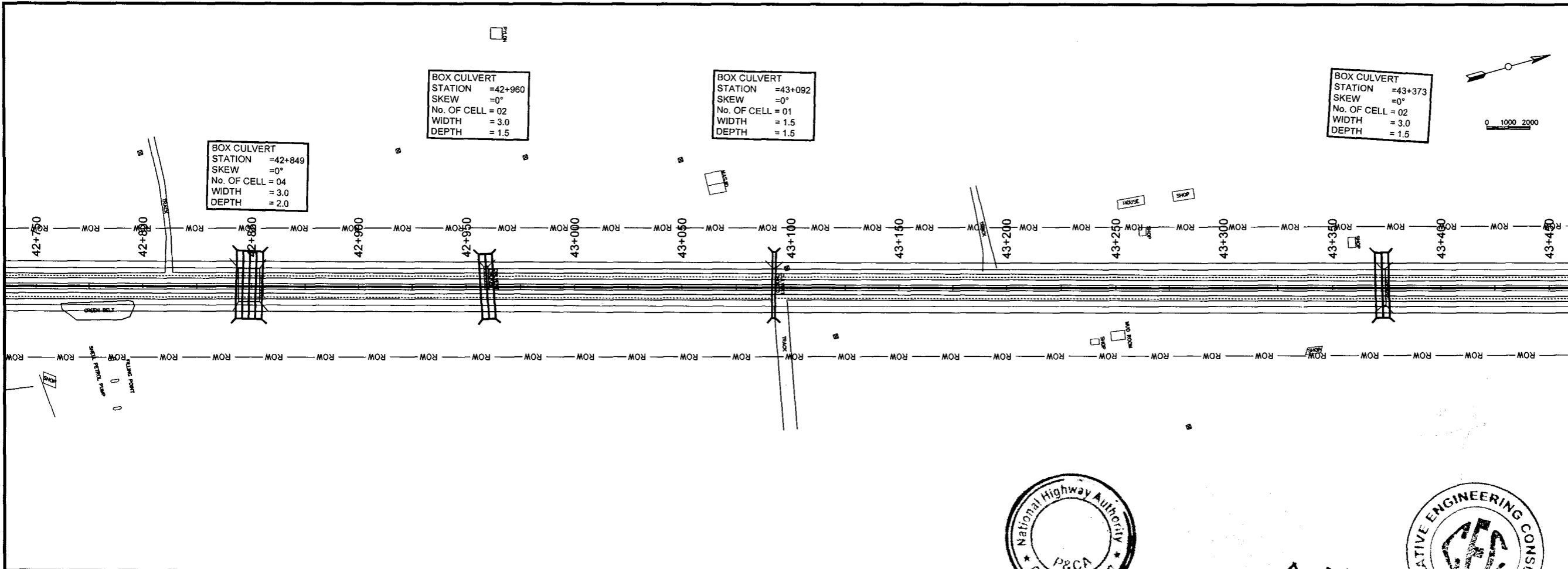
CHECKED BY: A.S
DATE: APRIL-2024

APPROVED BY:
REVISION:

CAD FILE NAME:
CAREC/T-III/TD/005



HCD	L=725.64m																				L=22.26m R=7207.00m		L=726.41m																																					
VCD	Grade (-0.09%) Tangent Length (177.59) Chainage (42+449.62) Elevation (104.39)																																								Grade (0.09%) Tangent Length (146.25) Chainage (42+695.87) Elevation (104.53)																			
P.G.L	42+160	42+180	42+200	42+220	42+240	42+260	42+280	42+300	42+320	42+340	42+360	42+380	42+400	42+420	42+440	42+460	42+480	42+500	42+520	42+540	42+560	42+580	42+600	42+620	42+640	42+660	42+680	42+700	42+720	42+740	42+760	42+780	42+785	42+788																										
N.S.L	104.452	104.465	104.447	104.452	104.411	104.412	104.393	104.378	104.374	104.318	104.346	104.333	104.299	104.237	104.233	104.203	104.251	104.220	104.249	104.252	104.267	104.285	104.287	104.270	104.458	104.477	104.301	104.291	104.322	104.330	104.368	104.368	104.401	104.392	104.397																									
CH	42+160	42+180	42+200	42+220	42+240	42+260	42+280	42+300	42+320	42+340	42+360	42+380	42+400	42+420	42+440	42+460	42+480	42+500	42+520	42+540	42+560	42+580	42+600	42+620	42+640	42+660	42+680	42+700	42+720	42+740	42+760	42+780	42+785	42+788																										

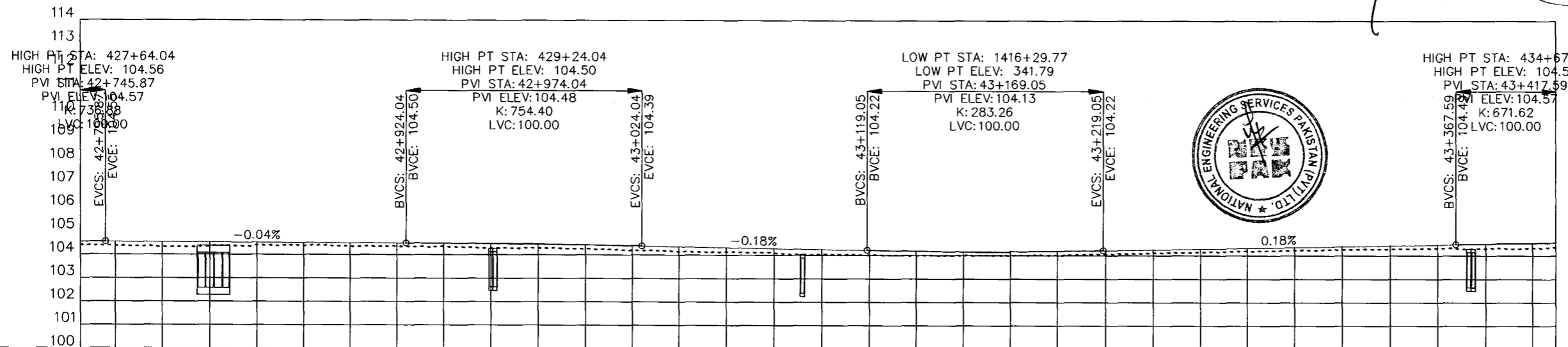
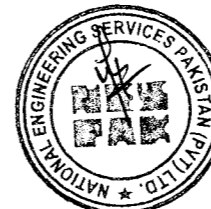
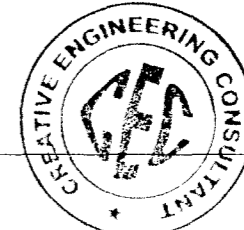


BOX CULVERT
STATION = 42+849
SKEW = 0°
No. OF CELL = 04
WIDTH = 3.0
DEPTH = 2.0

BOX CULVERT
STATION = 42+960
SKEW = 0°
No. OF CELL = 02
WIDTH = 3.0
DEPTH = 1.5

BOX CULVERT
STATION = 43+092
SKEW = 0°
No. OF CELL = 01
WIDTH = 1.5
DEPTH = 1.5

BOX CULVERT
STATION = 43+373
SKEW = 0°
No. OF CELL = 02
WIDTH = 3.0
DEPTH = 1.5



Station	CH	N.S.L	P.G.L	VCD	HCD
42+785	104.392	104.392	104.557		
42+800	104.386	104.386	104.551		
42+820	104.330	104.330	104.543		
42+840	104.354	104.354	104.534		
42+860	104.407	104.407	104.525		
42+880	104.394	104.394	104.517		
42+900	104.358	104.358	104.508		
42+920	104.354	104.354	104.499		
42+940	104.352	104.352	104.489		
42+960	104.275	104.275	104.474		
42+980	104.288	104.288	104.453		
43+000	104.255	104.255	104.427		
43+020	104.202	104.202	104.395		
43+040	104.149	104.149	104.360		
43+060	104.141	104.141	104.325		
43+080	104.097	104.097	104.290		
43+100	104.059	104.059	104.255		
43+120	104.024	104.024	104.220		
43+140	103.990	103.990	104.192		
43+160	103.991	103.991	104.179		
43+180	104.000	104.000	104.180		
43+200	104.030	104.030	104.195		
43+220	104.056	104.056	104.224		
43+240	104.130	104.130	104.259		
43+260	104.143	104.143	104.295		
43+280	104.200	104.200	104.330		
43+300	104.230	104.230	104.365		
43+320	104.261	104.261	104.401		
43+340	104.288	104.288	104.436		
43+360	104.318	104.318	104.472		
43+380	104.310	104.310	104.506		
43+400	104.333	104.333	104.535		
43+410	104.338	104.338	104.547		

NOTES
1- ALL DIMENSIONS ARE IN METERS.

LEGEND

REV.	REVISION/ISSUE	DATE

PROJECT:
CONSTRUCTION OF RAJANPUR-DG KHAN SECTION OF N-65 AS 4-LANE HIGHWAY (121.50 km)
PACKAGE-1 (Km 0+000 TO Km 57+500)

CLIENT:
NATIONAL HIGHWAYS AUTHORITY (NHA)

CONSULTANTS:
MINCONSULT. SDN BHD
SAMAN CORPORATION
SHELADIA ASSOCIATES
CEC
AAA
ACE
AA
ACC

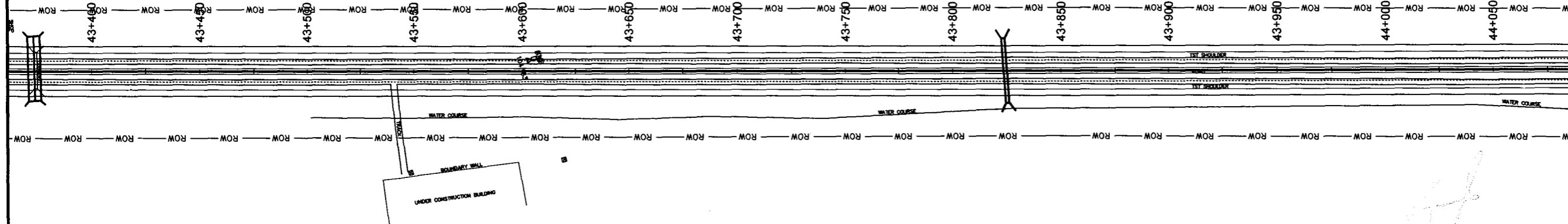
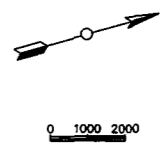
DRAWING TITLE:
PLAN & PROFILE

DESIGN BY:	S.M	SHEET NO:	68 OF 95
DRAWN BY:	S.M	SCALE:	H = 1:2000 V = 1:100
CHECKED BY:	A.S	DATE:	APRIL, 2024
APPROVED BY:		REVISION:	

CAD FILE NAME:
CAREC/T-III/TD/005

CULVERT
 ION = 43+373
 V = 0°
 F CELL = 02
 H = 3.0
 H = 1.5

BOX CULVERT
 STATION = 43+824
 SKEW = 0°
 No. OF CELL = 01
 VMDTH = 1.5
 DEPTH = 1.5



NOTES

1:- ALL DIMENSIONS ARE IN METERS.

LEGEND

REV.	REVISION/ISSUE	DATE

PROJECT:
 CONSTRUCTION OF RAJANPUR-DG KHAN
 SECTION OF N-65 AS 4-LANE HIGHWAY
 (121.50 km)
 PACKAGE-1
 (Km 0+000 TO Km 57+500)

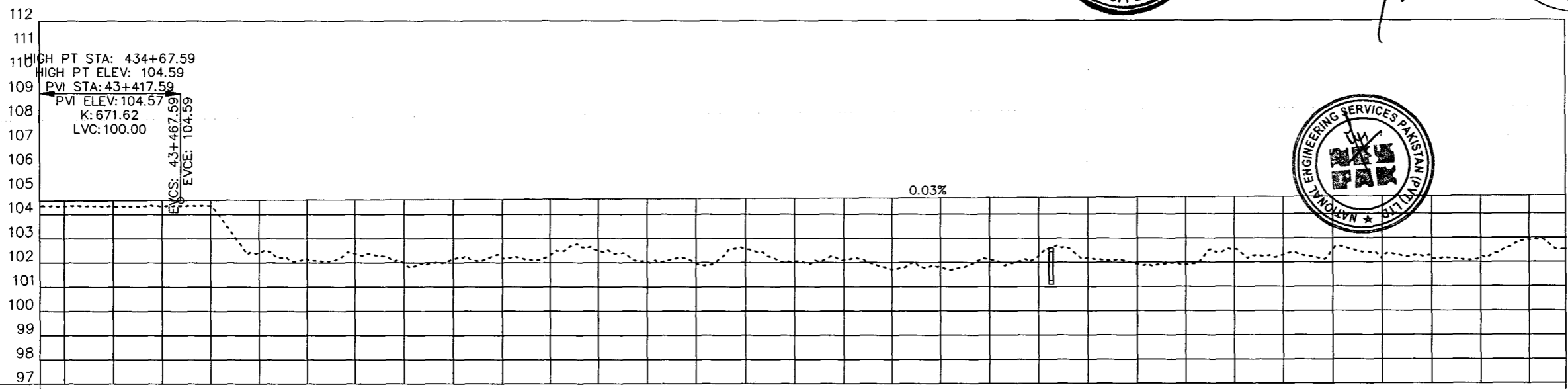
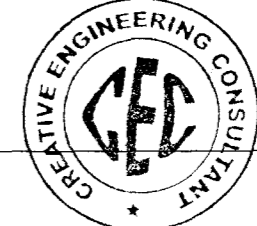
CLIENT:
 NATIONAL HIGHWAYS
 AUTHORITY (NHA)

- CONSULTANTS:
- MINCONSULT. SDN BHD
In Joint Venture With
 - SAMAN CORPORATION
 - SHELADIA ASSOCIATES
 - CEC
 - AAA
 - ACE
 - AA
 - ACC

DRAWING TITLE:
 PLAN & PROFILE

DESIGN BY: S.M	SHEET NO: 69 OF 92
DRAWN BY: S.M	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL 2024
APPROVED BY:	REVISION:

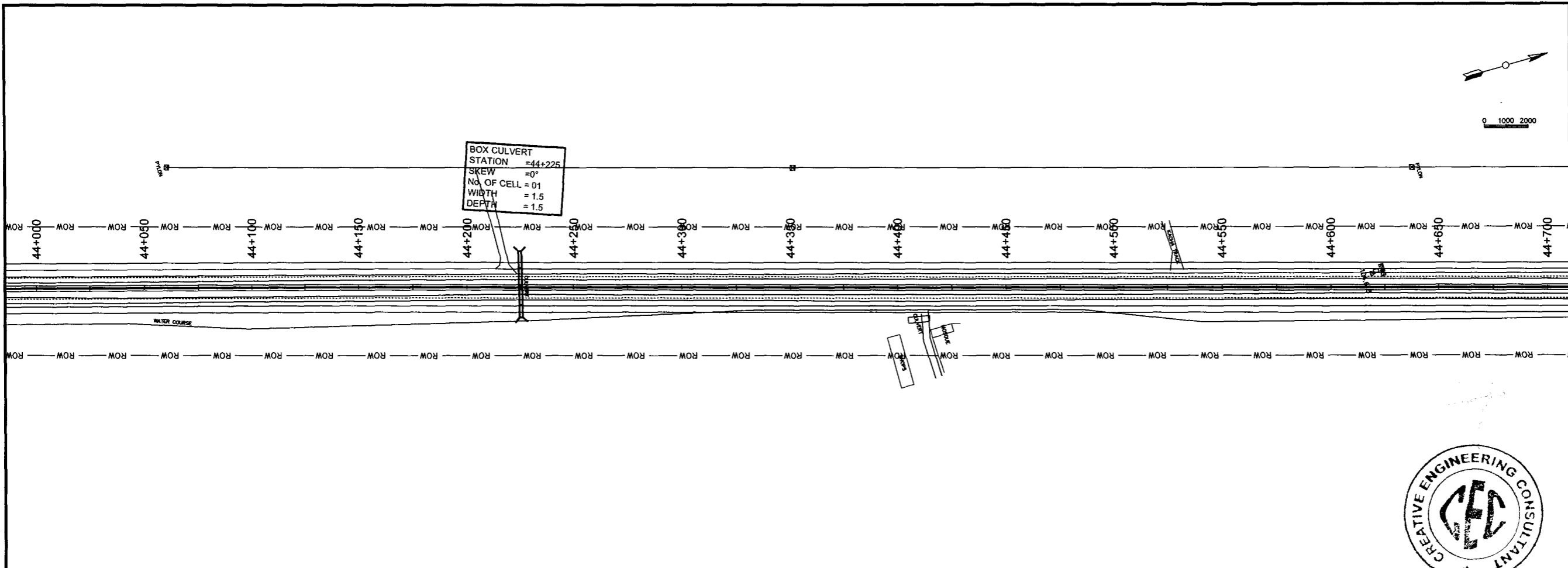
CAD FILE NAME:
 CAREC/T-III/TD/005



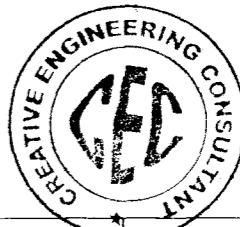
L=889.86m

Grade (0.03%)
 Tangent Length (614.62)
 Chainage (44+082.21)
 Elevation (104.76)

CH	N.S.L	P.G.L
43+410	104.338	104.547
43+420	104.347	104.558
43+440	104.328	104.575
43+460	104.347	104.586
43+480	104.342	104.592
43+500	102.422	104.597
43+520	102.153	104.603
43+540	102.377	104.609
43+560	101.974	104.614
43+580	102.143	104.620
43+600	102.206	104.626
43+620	102.301	104.631
43+640	102.506	104.637
43+660	102.032	104.643
43+680	101.987	104.648
43+700	102.565	104.654
43+720	102.050	104.660
43+740	102.103	104.665
43+760	101.721	104.671
43+780	101.804	104.677
43+800	102.124	104.682
43+820	102.269	104.688
43+840	102.190	104.694
43+860	101.934	104.699
43+880	101.910	104.705
43+900	102.538	104.711
43+920	102.313	104.716
43+940	102.513	104.722
43+960	102.261	104.728
43+980	102.180	104.733
44+000	102.193	104.739
44+020	102.910	104.745
44+035	102.525	104.749



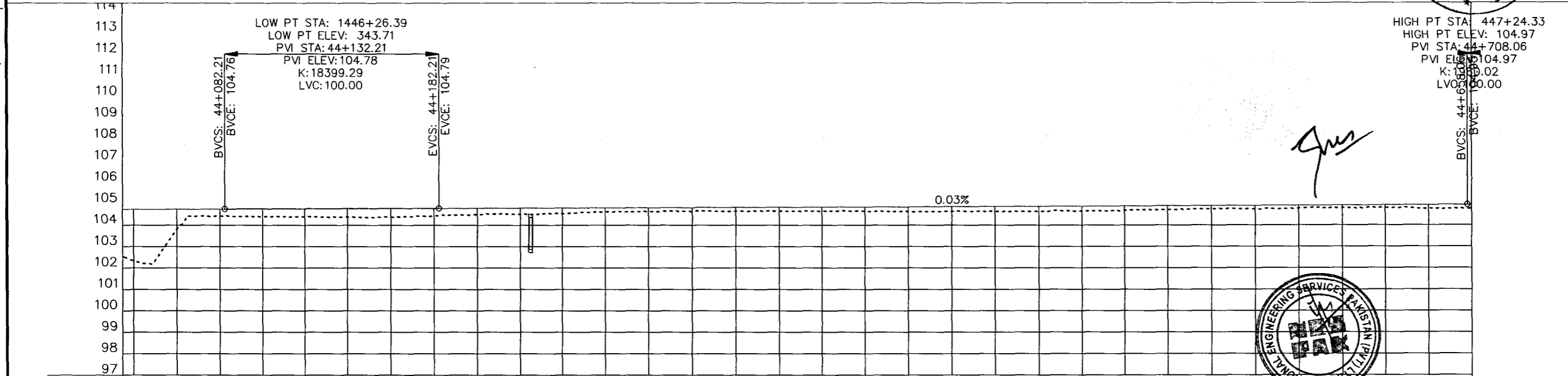
BOX CULVERT
 STATION = 44+225
 SKEW = 0°
 NO. OF CELL = 01
 WIDTH = 1.5
 DEPTH = 1.5



NOTES
 1:- ALL DIMENSIONS ARE IN METERS.

LEGEND

REV.	REVISION/ISSUE	DATE



HIGH PT STA: 447+24.33
 HIGH PT ELEV: 104.97
 PVI STA: 44+708.06
 PVI ELEV: 104.97
 K: 18399.29
 LVC: 100.00

Handwritten signature



CH	P.G.L	N.S.L
44+035	102.525	102.525
44+040	102.335	102.335
44+060	103.820	103.820
44+080	104.422	104.422
44+100	104.395	104.395
44+120	104.406	104.406
44+140	104.387	104.387
44+160	104.389	104.389
44+180	104.441	104.441
44+200	104.508	104.508
44+220	104.508	104.508
44+240	104.547	104.547
44+260	104.628	104.628
44+280	104.651	104.651
44+300	104.652	104.652
44+320	104.653	104.653
44+340	104.668	104.668
44+360	104.653	104.653
44+380	104.654	104.654
44+400	104.648	104.648
44+420	104.638	104.638
44+440	104.646	104.646
44+460	104.635	104.635
44+480	104.669	104.669
44+500	104.698	104.698
44+520	104.715	104.715
44+540	104.760	104.760
44+560	104.755	104.755
44+580	104.784	104.784
44+600	104.795	104.795
44+620	104.818	104.818
44+640	104.777	104.777
44+660	104.783	104.783

PROJECT:
 CONSTRUCTION OF RAJANPUR-DG KHAN
 SECTION OF N-55 AS 4-LANE HIGHWAY
 (121.50 km)
 PACKAGE-1
 (Km 0+000 TO Km 57+500)

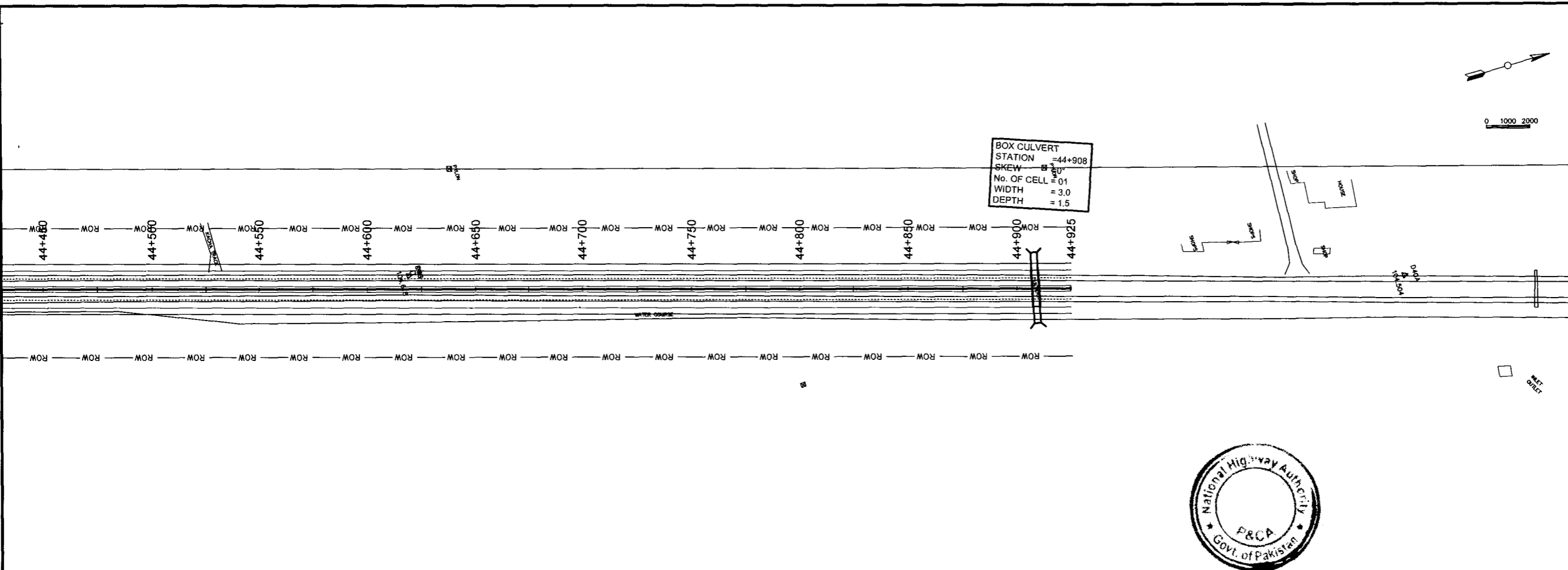
CLIENT:
 NATIONAL HIGHWAYS
 AUTHORITY (NHA)

- CONSULTANTS:**
- MINCONSULT. SDN BHD
In Joint Venture With
 - SAMAN CORPORATION
 - SHELADIA ASSOCIATES
 - CEC
 - AAA
 - ACE
 - AA
 - ACC

DRAWING TITLE:
 PLAN & PROFILE

DESIGN BY: S.M	SHEET NO: 70 OF 92
DRAWN BY: S.M	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL 2024
APPROVED BY:	REVISION:

CAD FILE NAME:
 3930/602/TD/1C70



BOX CULVERT
 STATION = 44+908
 SKEW = 30°
 No. OF CELL = 01
 WIDTH = 3.0
 DEPTH = 1.5




NOTES









1- ALL DIMENSIONS ARE IN METERS.

LEGEND

REV.	REVISION/ISSUE	DATE

PROJECT:
 CONSTRUCTION OF RAJANPUR-DG KHAN
 SECTION OF N-65 AS 4-LANE HIGHWAY
 (121.50 km)
 PACKAGE-1
 (Km 0+000 TO Km 57+500)

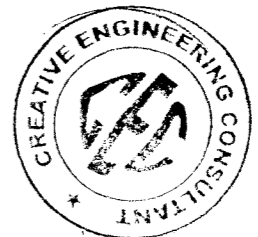
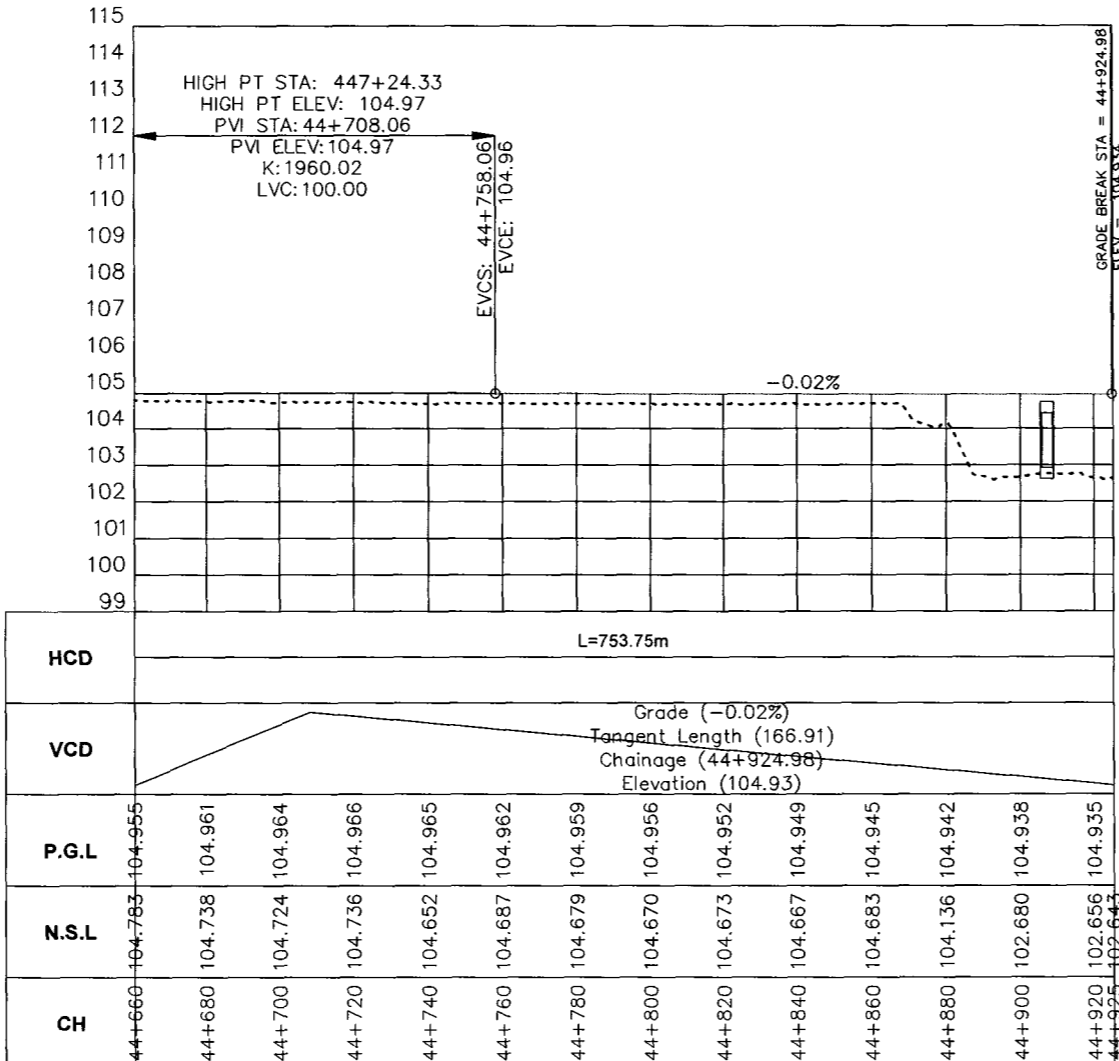
CLIENT:
 NATIONAL HIGHWAYS
 AUTHORITY (NHA)

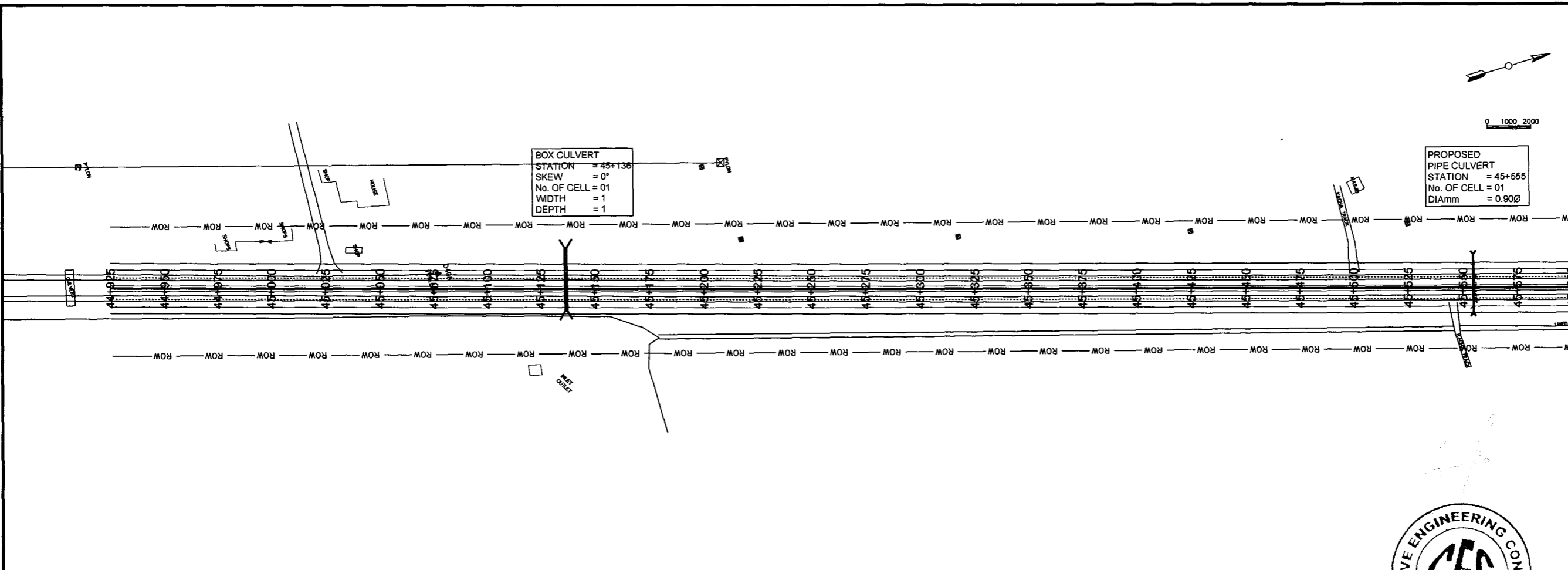
- CONSULTANTS:**
-  MINCONSULT, SDN BHD
In Joint Venture With
 -  SAMAN CORPORATION
 -  SHELADIA ASSOCIATES
 -  CEC
 -  AAA
 -  ACE
 -  AA
 -  ACC

DRAWING TITLE:
 PLAN & PROFILE

DESIGN BY: S.M	SHEET NO: 71 OF 92
DRAWN BY: S.M	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024
APPROVED BY:	REVISION:

CAD FILE NAME:
 CAREC/T-III/TD/005

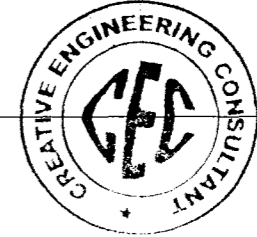




NOTES
 1- ALL DIMENSIONS ARE IN METERS.

LEGEND

REV.	REVISION/ISSUE	DATE



PROJECT:
 CONSTRUCTION OF RAJANPUR-DG KHAN SECTION OF N-55 AS 4-LANE HIGHWAY (121.50 km)
 PACKAGE-1 (Km 0+000 TO Km 57+500)

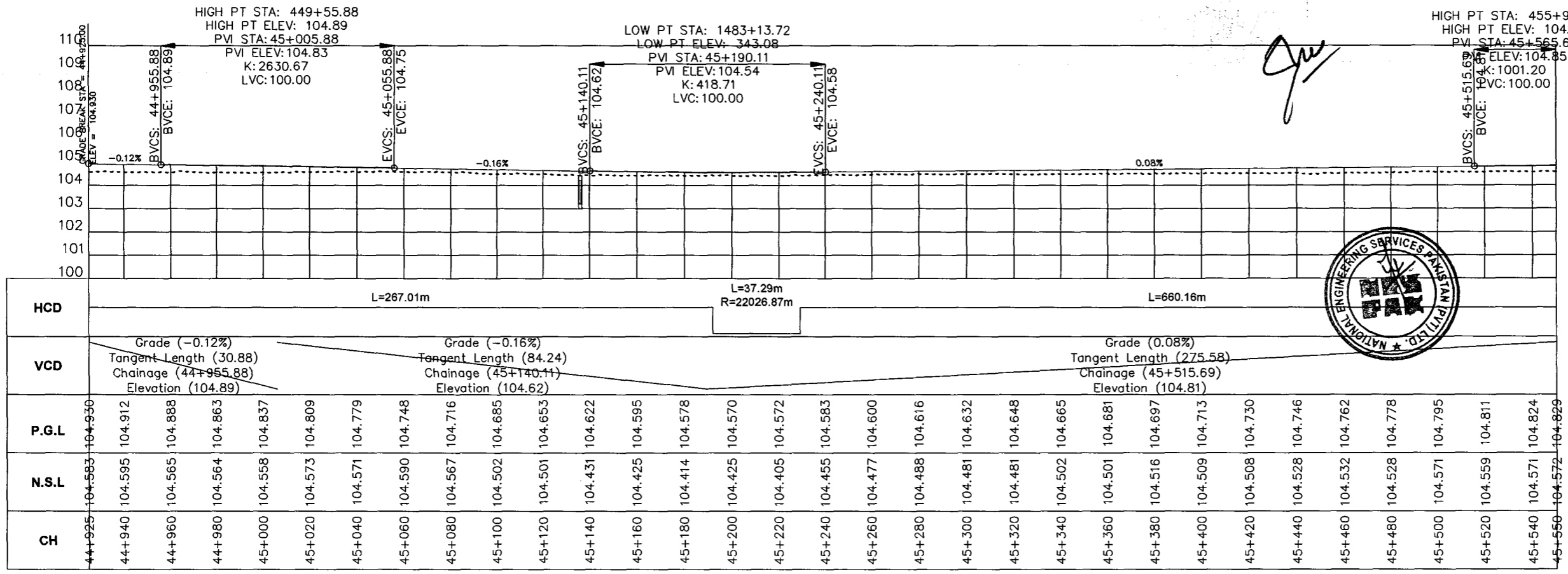
CLIENT:
 NATIONAL HIGHWAYS AUTHORITY (NHA)

- CONSULTANTS:**
- MINCONSULT SDN BHD In Joint Venture With
 - SAMAN CORPORATION
 - SHELADIA ASSOCIATES
 - CEC
 - AAA
 - ACE
 - AA
 - ACC

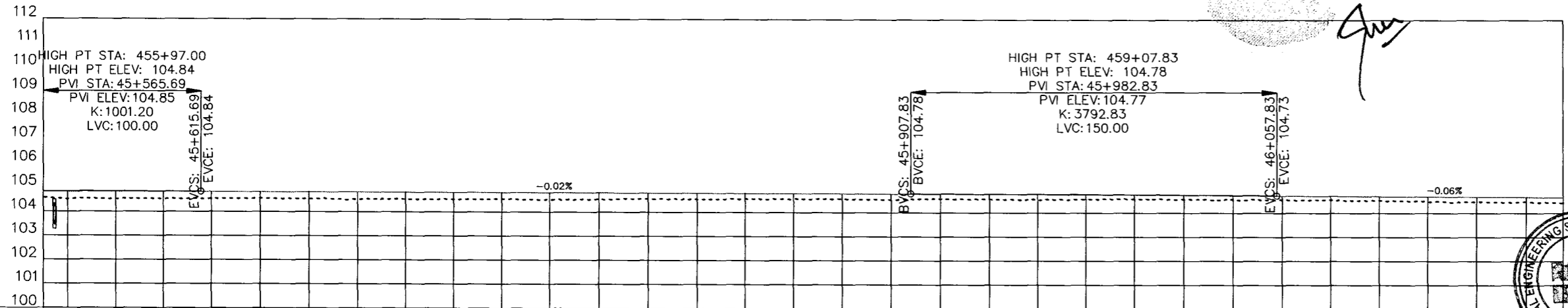
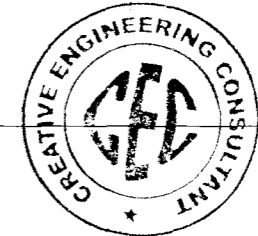
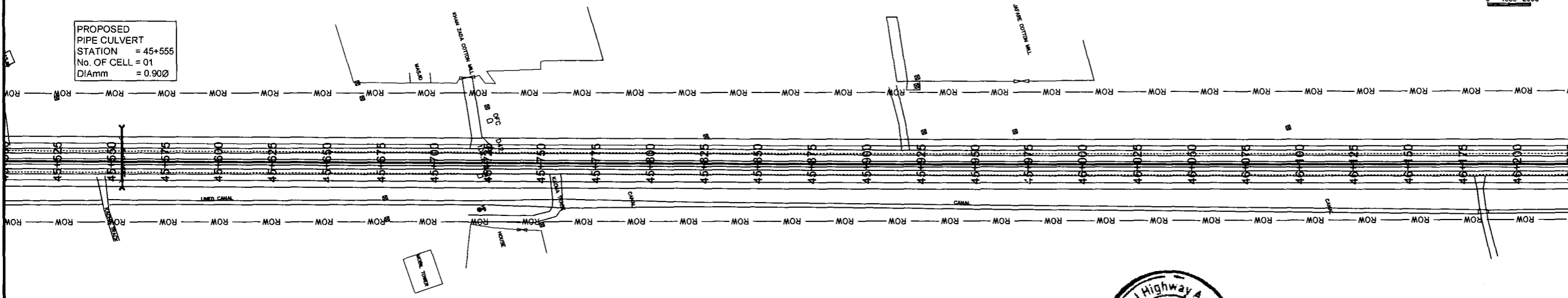
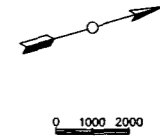
DRAWING TITLE:
 PLAN & PROFILE

DESIGN BY: S.M	SHEET NO: 72 OF 95
DRAWN BY: S.M	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL 2024
APPROVED BY:	REVISION:

CAD FILE NAME:
 CAREC/T-III/TD/006



PROPOSED
PIPE CULVERT
STATION = 45+556
No. OF CELL = 01
DIAM = 0.90Ø



CH	N.S.L	P.G.L	VCD	HCD
45+550	104.572	104.829	Grade (-0.02%) Tangent Length (292.14) Chainage (45+907.83) Elevation (104.78)	L=660.16m
45+560	104.517	104.833		
45+580	104.530	104.839	Grade (-0.06%) Tangent Length (138.09) Chainage (46+195.92) Elevation (104.65)	L=12.52m R=6720.00m
45+600	104.538	104.840		
45+620	104.537	104.838	L=303.36m	
45+640	104.560	104.834		
45+660	104.528	104.830		
45+680	104.514	104.827		
45+700	104.521	104.823		
45+720	104.522	104.819		
45+740	104.552	104.815		
45+760	104.507	104.812		
45+780	104.525	104.808		
45+800	104.553	104.804		
45+820	104.535	104.800		
45+840	104.559	104.797		
45+860	104.556	104.793		
45+880	104.575	104.789		
45+900	104.531	104.785		
45+920	104.583	104.782		
45+940	104.572	104.777		
45+960	104.560	104.771		
45+980	104.577	104.764		
46+000	104.588	104.756		
46+020	104.561	104.746		
46+040	104.556	104.736		
46+060	104.539	104.725		
46+080	104.552	104.713		
46+100	104.526	104.702		
46+120	104.471	104.690		
46+140	104.477	104.678		
46+160	104.475	104.667		
46+175	104.429	104.658		

NOTES
1- ALL DIMENSIONS ARE IN METERS.

LEGEND

REV.	REVISION/ISSUE	DATE

TENDER DRAWINGS

PROJECT:
CONSTRUCTION OF RAJANPUR-DG KHAN SECTION OF N-55 AS 4-LANE HIGHWAY (121.50 km)
PACKAGE-1 (Km 0+000 TO Km 57+500)

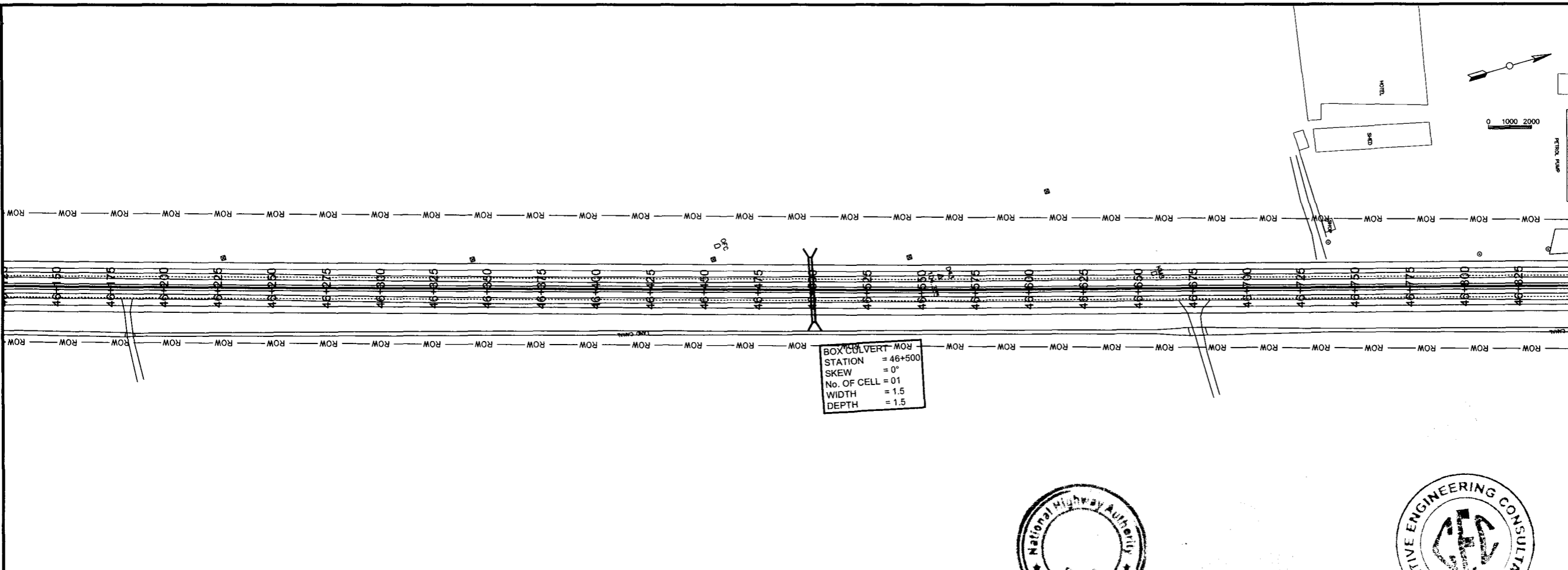
CLIENT:
NATIONAL HIGHWAYS AUTHORITY (NHA)

CONSULTANTS:
MINCONSULT. SDN BHD
In Joint Venture With
SAMAN CORPORATION
SHELADIA ASSOCIATES
CEC
AAA
ACE
AA
ACC

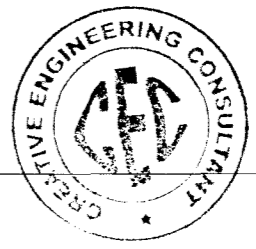
DRAWING TITLE:
PLAN & PROFILE

DESIGN BY: S.M	SHEET NO: 73 OF 95
DRAWN BY: S.M	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024
APPROVED BY:	REVISION:

CAD FILE NAME:
CAREC/T-III/TD/006



BOX CULVERT
 STATION = 46+500
 SKEW = 0°
 No. OF CELL = 01
 WIDTH = 1.5
 DEPTH = 1.5



NOTES
 1:- ALL DIMENSIONS ARE IN METERS.

LEGEND

REV.	REVISION/ISSUE	DATE

TENDER DRAWINGS

PROJECT:
 CONSTRUCTION OF RAJANPUR-DG KHAN SECTION OF N-55 AS 4-LANE HIGHWAY (121.50 km)
 PACKAGE-1 (Km 0+000 TO Km 57+500)

CLIENT:
 NATIONAL HIGHWAYS AUTHORITY (NHA)

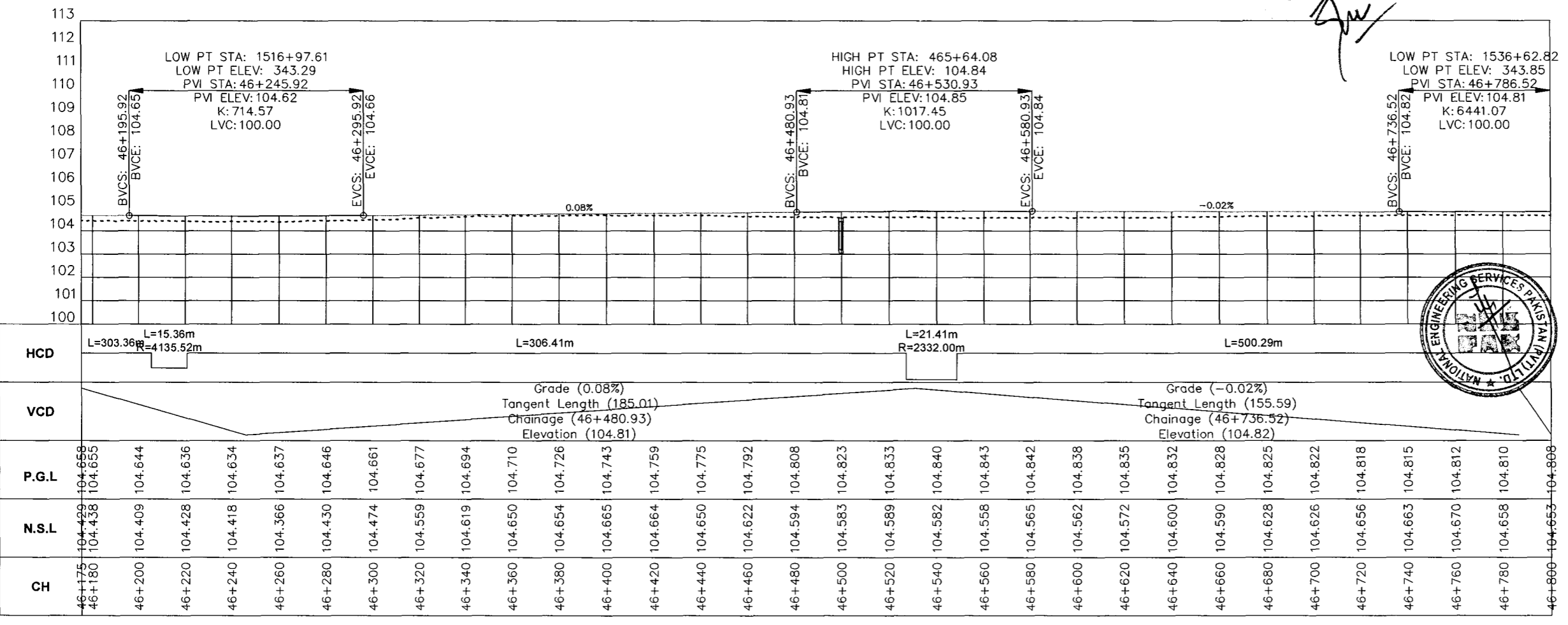
CONSULTANTS:

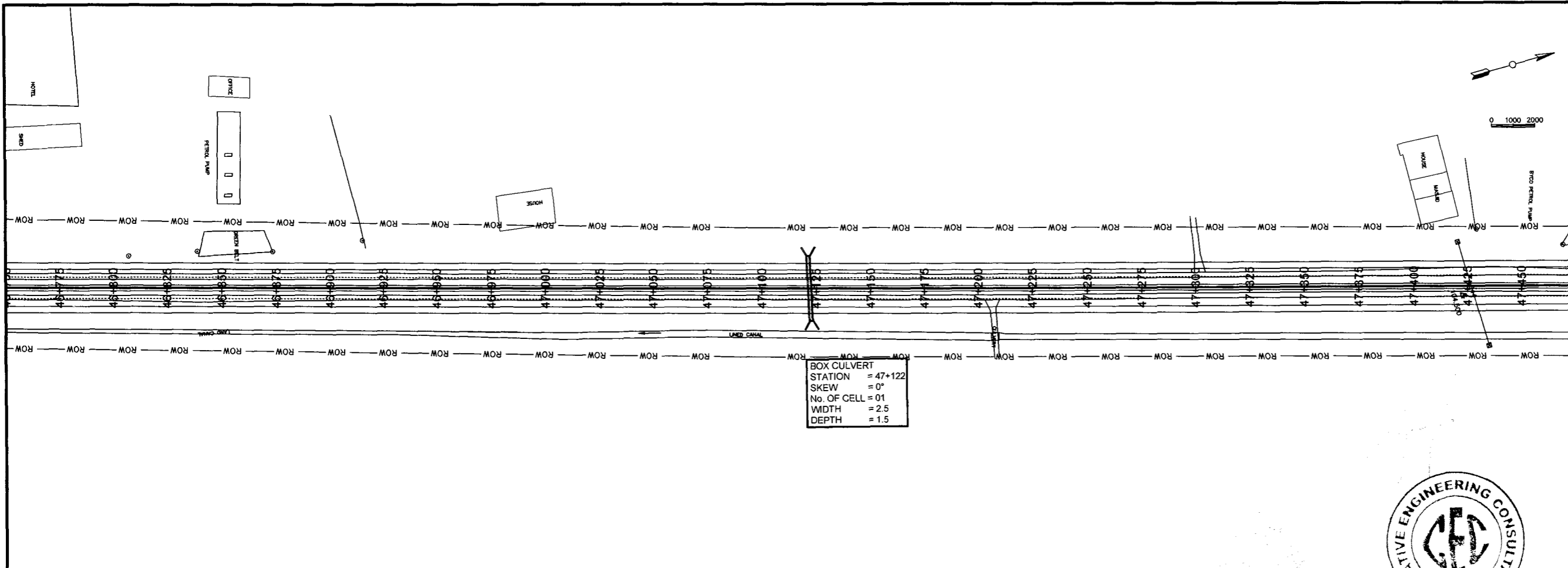
- MINCONSULT SDN BHD In Joint Venture With
- SAMAN CORPORATION
- SHIELADIA ASSOCIATES
- CEC
- AAA
- ACE
- AA
- ACC

DRAWING TITLE:
 PLAN & PROFILE

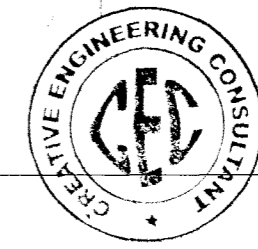
DESIGN BY: S.M	SHEET NO: 74 OF 95
DRAWN BY: S.M	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL 2024
APPROVED BY:	REVISION:

CAD FILE NAME:
 CAREC/T-III/ITD/006





BOX CULVERT
 STATION = 47+122
 SKEW = 0°
 No. OF CELL = 01
 WIDTH = 2.5
 DEPTH = 1.5



NOTES
 1:- ALL DIMENSIONS ARE IN METERS.

LEGEND

REV.	REVISION/ISSUE	DATE

PROJECT:
 CONSTRUCTION OF RAJANPUR-DG KHAN
 SECTION OF N-65 AS 4-LANE HIGHWAY
 (121.50 km)
 PACKAGE-1
 (Km 0+000 TO Km 57+500)

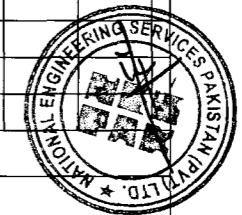
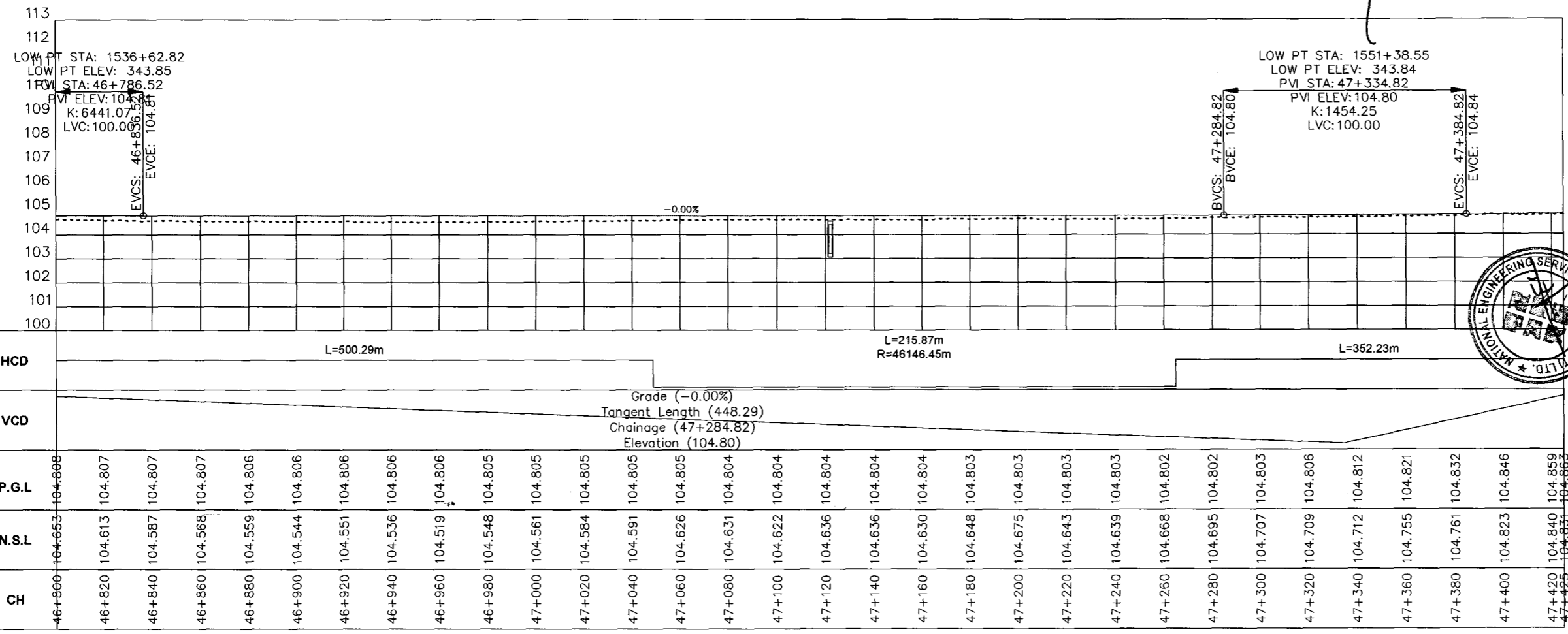
CLIENT:
 NATIONAL HIGHWAYS
 AUTHORITY (NHA)

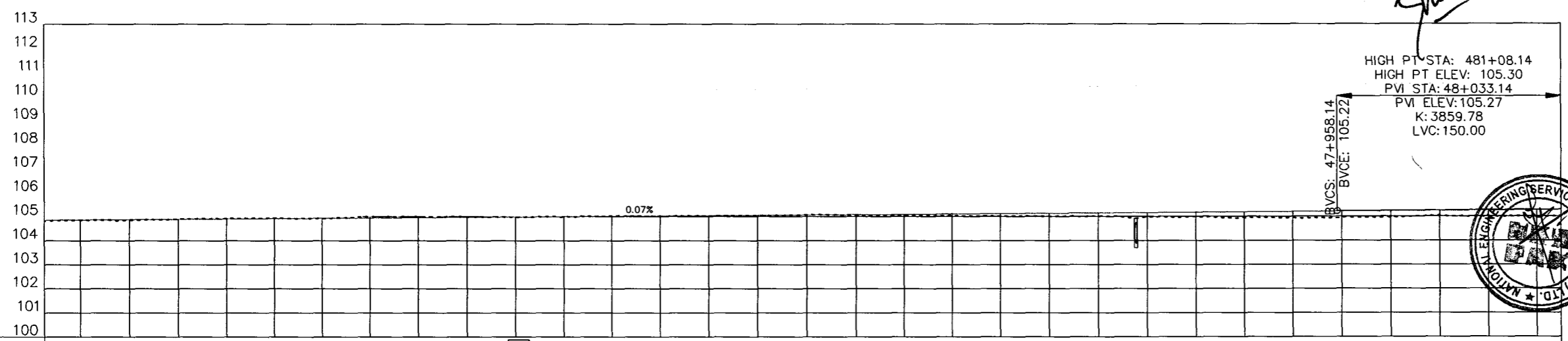
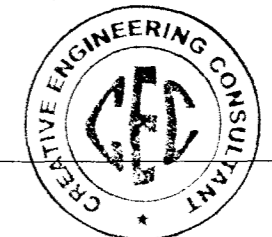
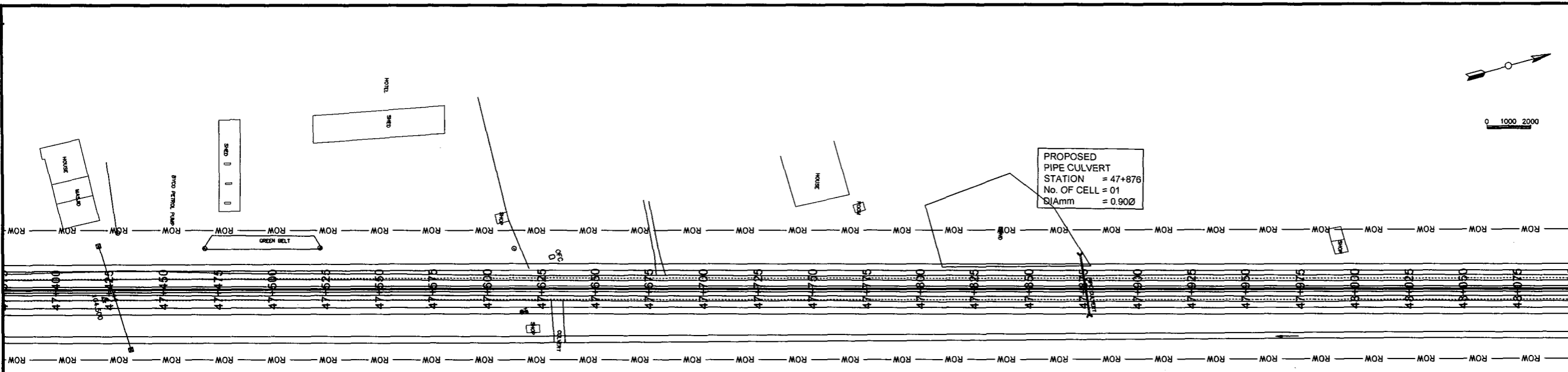
- CONSULTANTS:**
- MINCONSULT SDN BHD
In Joint Venture With
 - SAMAN CORPORATION
 - SHELADIA ASSOCIATES
 - CEC
 - AAA
 - ACE
 - AA
 - ACC

DRAWING TITLE:
 PLAN & PROFILE

DESIGN BY: S.M	SHEET NO: 75 OF 95
DRAWN BY: S.M	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024
APPROVED BY:	REVISION:

CAD FILE NAME:
 CAREC/T-III/TD/006





HCD	L=352.23m		L=8.69m R=2000.00m		L=329.69m		L=25.91m R=113649.62m		L=394.45m																								
VCD	Grade (0.07%) Tangent Length (573.32) Chainage (47+958.14) Elevation (105.22)																																
P.G.L	47+425	47+440	47+460	47+480	47+500	47+520	47+540	47+560	47+580	47+600	47+620	47+640	47+660	47+680	47+700	47+720	47+740	47+760	47+780	47+800	47+820	47+840	47+860	47+880	47+900	47+920	47+940	47+960	47+980	48+000	48+020	48+040	48+050
N.S.L	104.863	104.873	104.886	104.900	104.914	104.927	104.941	104.954	104.968	104.981	104.995	105.008	105.022	105.035	105.049	105.063	105.076	105.090	105.103	105.117	105.130	105.144	105.157	105.171	105.184	105.198	105.212	105.225	105.238	105.250	105.261	105.271	105.275
CH	47+425	47+440	47+460	47+480	47+500	47+520	47+540	47+560	47+580	47+600	47+620	47+640	47+660	47+680	47+700	47+720	47+740	47+760	47+780	47+800	47+820	47+840	47+860	47+880	47+900	47+920	47+940	47+960	47+980	48+000	48+020	48+040	48+050

NOTES
1:- ALL DIMENSIONS ARE IN METERS.

LEGEND

REV.	REVISION/ISSUE	DATE

TENDER DRAWINGS

PROJECT:
CONSTRUCTION OF RAJANPUR-DG KHAN SECTION OF N-55 AS 4-LANE HIGHWAY (121.50 km)
PACKAGE-1 (Km 0+000 TO Km 57+500)

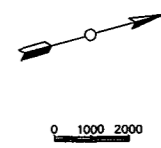
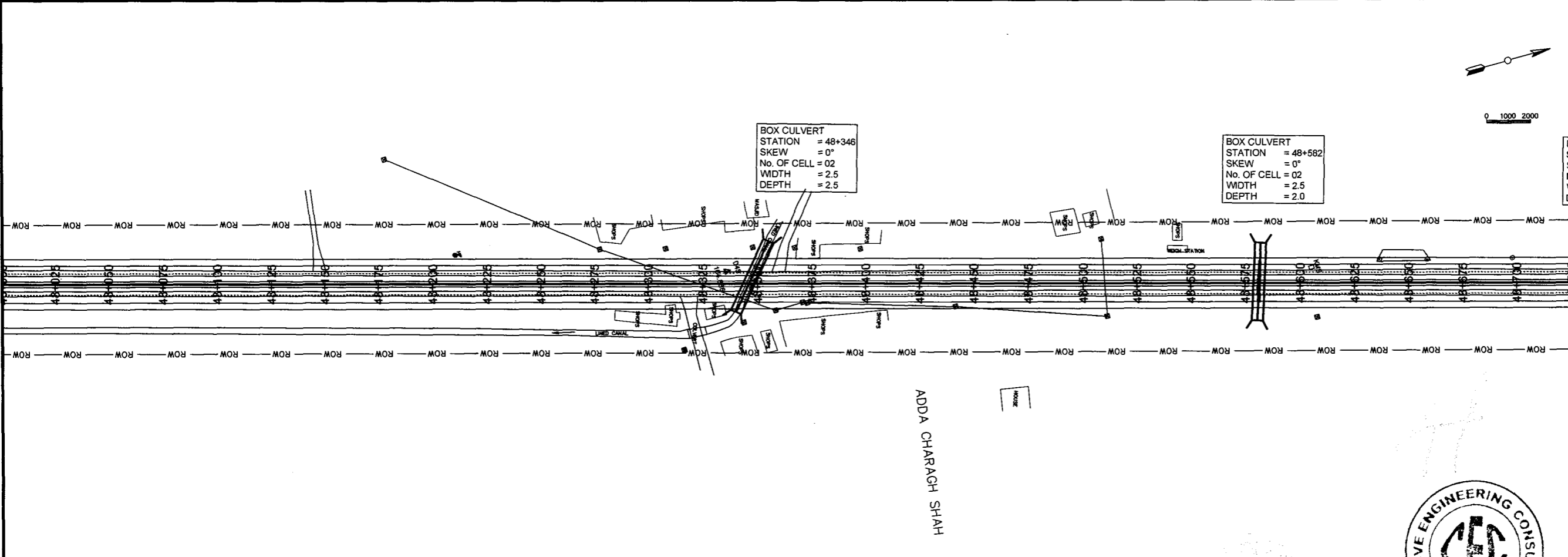
CLIENT:
NATIONAL HIGHWAYS AUTHORITY (NHA)

CONSULTANTS:
 MINCONSULT SDN BHD
 SAMAN CORPORATION
 SHELADIA ASSOCIATES
 CEC
 AAA
 ACE
 AA
 ACC

DRAWING TITLE:
PLAN & PROFILE

DESIGN BY: S.M	SHEET NO: 76 OF 95
DRAWN BY: S.M	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024
APPROVED BY:	REVISION:

CAD FILE NAME:
CAREC/T-III/TD/006



NOTES
1:- ALL DIMENSIONS ARE IN METERS.

LEGEND

REV.	REVISION/ISSUE	DATE

PROJECT:
CONSTRUCTION OF RAJANPUR-DG KHAN SECTION OF N-65 AS 4-LANE HIGHWAY (121.50 km)
PACKAGE-1 (Km 0+000 TO Km 57+500)

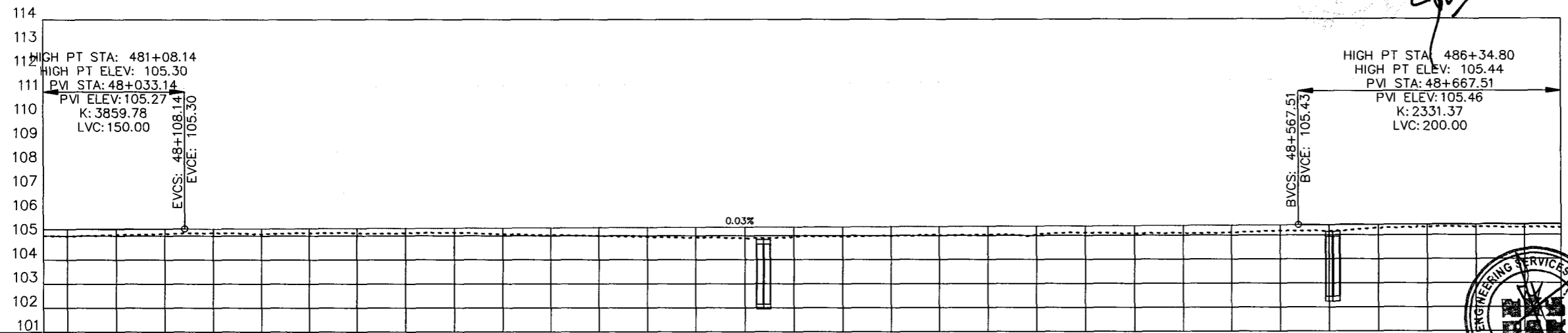
CLIENT:
NATIONAL HIGHWAYS AUTHORITY (NHA)

- CONSULTANTS:**
- MINCONSULT SDN BHD In Joint Venture With
 - SAMAN CORPORATION
 - SHIELADIA ASSOCIATES
 - CEC
 - AAA
 - ACE
 - AA
 - ACC

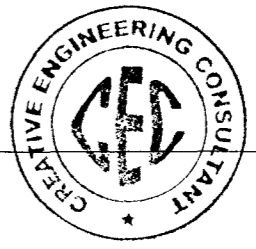
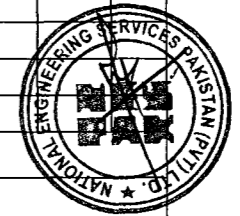
DRAWING TITLE:
PLAN & PROFILE

DESIGN BY: S.M	SHEET NO: 77 OF 95
DRAWN BY: S.M	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024
APPROVED BY:	REVISION:

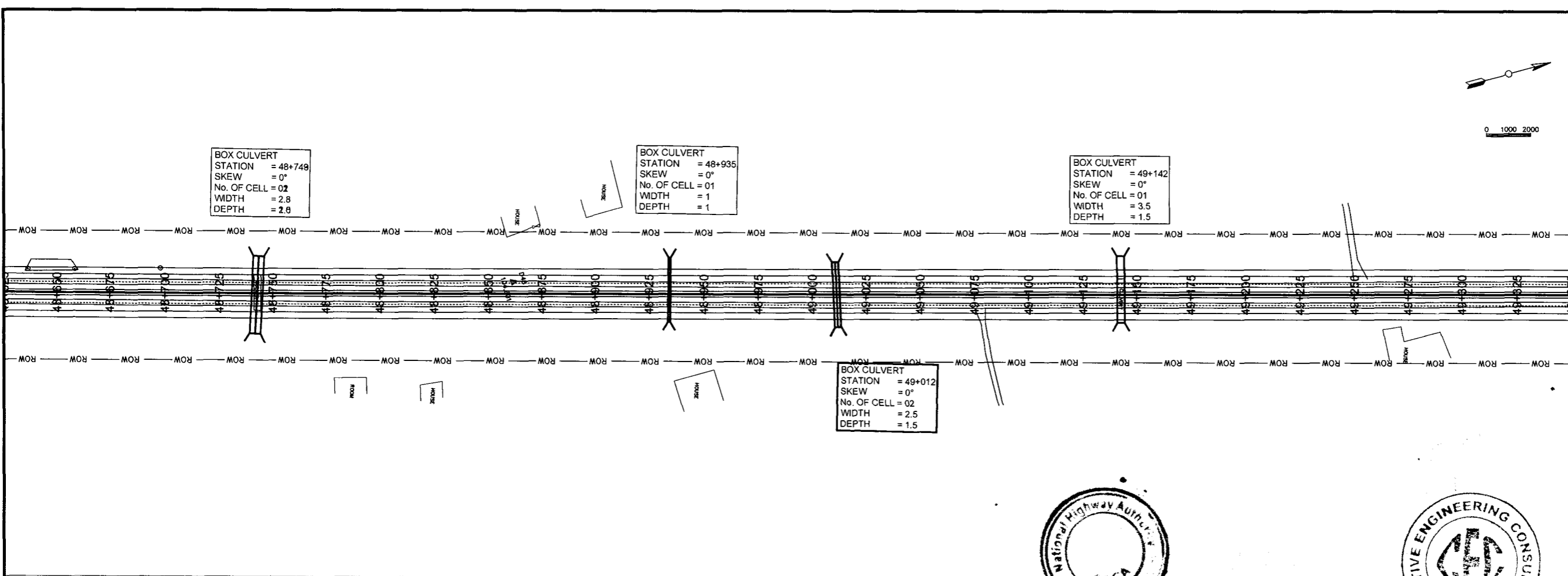
CAD FILE NAME:
CAREC/T-III/TD/006



CH	P.G.L	N.S.L
48+056	105.275	105.007
48+060	105.279	104.981
48+080	105.287	105.054
48+100	105.294	105.091
48+120	105.300	105.124
48+140	105.306	105.082
48+160	105.311	105.123
48+180	105.317	105.119
48+200	105.323	105.120
48+220	105.329	105.138
48+240	105.334	105.077
48+260	105.340	105.027
48+280	105.346	105.004
48+300	105.352	104.961
48+320	105.357	104.928
48+340	105.363	104.892
48+360	105.369	104.941
48+380	105.375	104.983
48+400	105.381	104.993
48+420	105.386	105.024
48+440	105.392	105.041
48+460	105.398	105.037
48+480	105.404	105.117
48+500	105.409	105.086
48+520	105.415	105.096
48+540	105.421	105.124
48+560	105.427	105.186
48+580	105.432	105.160
48+600	105.436	105.293
48+620	105.438	105.326
48+640	105.439	105.341
48+660	105.437	105.317
48+675	105.435	105.309



ADDA CHARAGH SHAH

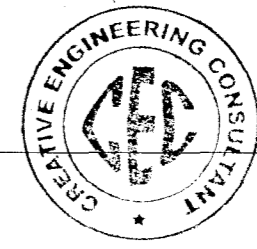
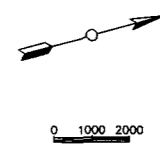


BOX CULVERT
 STATION = 48+749
 SKEW = 0°
 No. OF CELL = 02
 WIDTH = 2.8
 DEPTH = 2.8

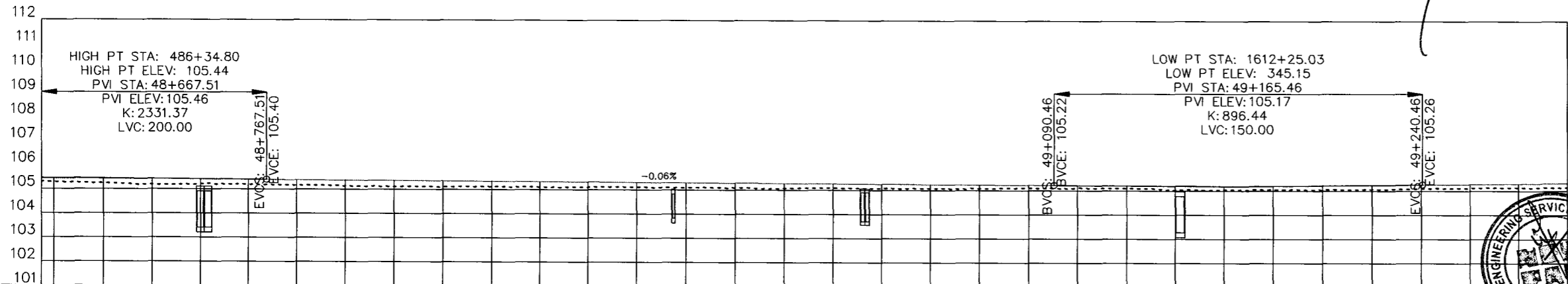
BOX CULVERT
 STATION = 48+935
 SKEW = 0°
 No. OF CELL = 01
 WIDTH = 1
 DEPTH = 1

BOX CULVERT
 STATION = 49+142
 SKEW = 0°
 No. OF CELL = 01
 WIDTH = 3.5
 DEPTH = 1.5

BOX CULVERT
 STATION = 49+012
 SKEW = 0°
 No. OF CELL = 02
 WIDTH = 2.5
 DEPTH = 1.5



Jus



Station	HCD	VCD	P.G.L.	N.S.L.	CH
48+675	L=315.54m	Grade (-0.06%) Tangent Length (322.95) Chainage (49+090.46) Elevation (105.22)	105.369	105.335	48+675
48+680	L=29.73m R=6887.82m		105.296	105.434	48+680
48+700			105.234	105.429	48+700
48+720			105.192	105.423	48+720
48+740			105.215	105.415	48+740
48+760			105.192	105.405	48+760
48+780			105.157	105.394	48+780
48+800			105.138	105.382	48+800
48+820			105.112	105.371	48+820
48+840			105.101	105.360	48+840
48+860			105.117	105.348	48+860
48+880			105.098	105.337	48+880
48+900			105.100	105.325	48+900
48+920			105.118	105.314	48+920
48+940			105.085	105.303	48+940
48+960			105.095	105.291	48+960
48+980			105.070	105.280	48+980
49+000			105.091	105.269	49+000
49+020			105.077	105.257	49+020
49+040			105.069	105.246	49+040
49+060			105.075	105.234	49+060
49+080			105.096	105.223	49+080
49+100			105.103	105.212	49+100
49+120			105.100	105.205	49+120
49+140			105.036	105.203	49+140
49+160			105.050	105.204	49+160
49+180			105.057	105.211	49+180
49+200			105.054	105.222	49+200
49+220			105.068	105.237	49+220
49+240			105.097	105.257	49+240
49+260			105.124	105.279	49+260
49+280			105.138	105.301	49+280
49+300			105.142	105.323	49+300

NOTES
 1- ALL DIMENSIONS ARE IN METERS.

LEGEND

REV.	REVISION/ISSUE	DATE

TENDER DRAWINGS

PROJECT:
 CONSTRUCTION OF RAJANPUR-DG KHAN SECTION OF N-55 AS 4-LANE HIGHWAY (121.50 km)
 PACKAGE-1
 (Km 0+000 TO Km 57+500)

CLIENT:
 NATIONAL HIGHWAYS AUTHORITY (NHA)

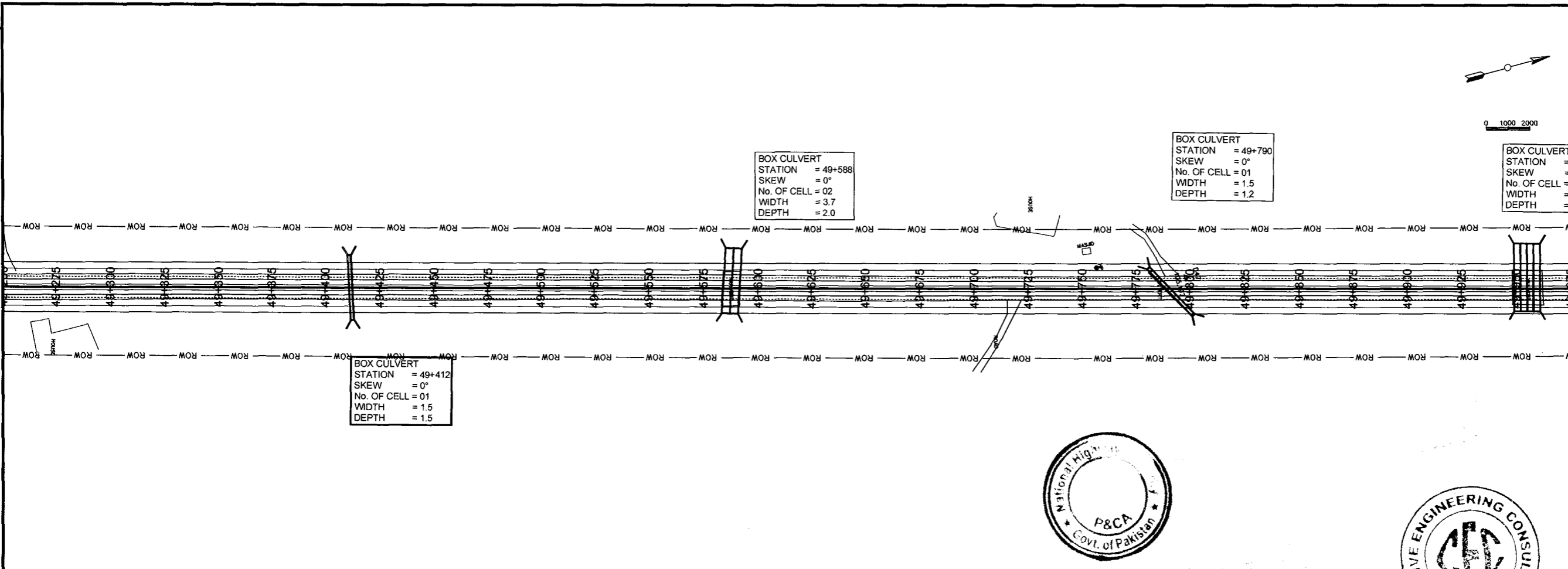
CONSULTANTS:

- MINCONSULT. SDN BHD In Joint Venture With
- SAMAN CORPORATION
- SHELADIA ASSOCIATES
- CEC
- AAA
- ACE
- AA
- ACC

DRAWING TITLE:
 PLAN & PROFILE

DESIGN BY: S.M	SHEET NO.: 78 OF 95
DRAWN BY: S.M	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL 2024
APPROVED BY:	REVISION:

CAD FILE NAME:
 CAREC/T-III/TD/006

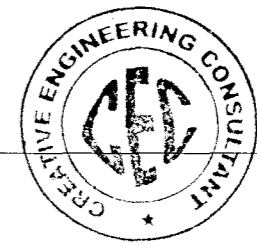


BOX CULVERT
STATION = 49+588
SKEW = 0°
No. OF CELL = 02
WIDTH = 3.7
DEPTH = 2.0

BOX CULVERT
STATION = 49+790
SKEW = 0°
No. OF CELL = 01
WIDTH = 1.5
DEPTH = 1.2

BOX CULVERT
STATION =
SKEW =
No. OF CELL =
WIDTH =
DEPTH =

BOX CULVERT
STATION = 49+412
SKEW = 0°
No. OF CELL = 01
WIDTH = 1.5
DEPTH = 1.5



NOTES
1- ALL DIMENSIONS ARE IN METERS.

LEGEND

TENDER DRAWINGS
REV. REVISION/ISSUE DATE

PROJECT:
CONSTRUCTION OF RAJANPUR-OG KHAN SECTION OF N-55 AS 4-LANE HIGHWAY (121.50 km)
PACKAGE-1 (Km 0+000 TO Km 57+500)

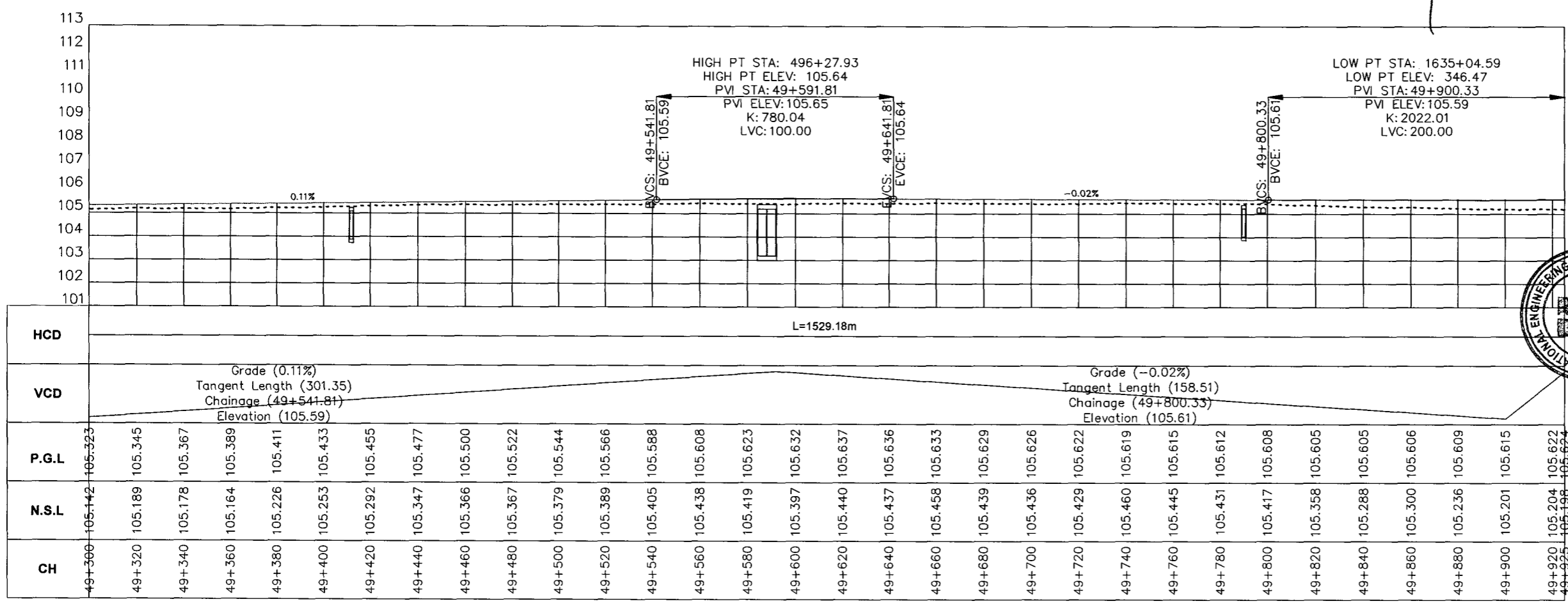
CLIENT:
NATIONAL HIGHWAYS AUTHORITY (NHA)

- CONSULTANTS:**
- MINCONSULT. SDN BHD In Joint Venture With
 - SAMAN CORPORATION
 - SHELADIA ASSOCIATES
 - CEC
 - AAA
 - ACE
 - AA
 - ACC

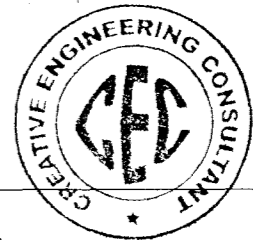
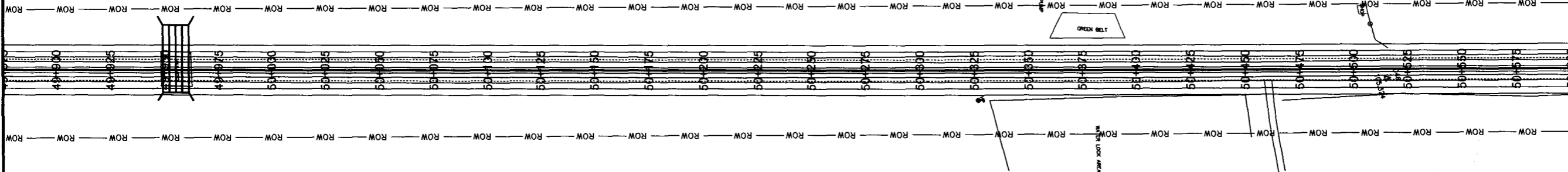
DRAWING TITLE:
PLAN & PROFILE

DESIGN BY: S.M	SHEET NO: 79 OF 95
DRAWN BY: S.M	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024
APPROVED BY:	REVISION:

CAD FILE NAME:
CAREC/T-III/TD/006



BOX CULVERT
 STATION = 49+956
 SKEW = 18°
 No. OF CELL = 04
 WIDTH = 3.0
 DEPTH = 2.9



NOTES
 1- ALL DIMENSIONS ARE IN METERS.

LEGEND

REV.	REVISION/ISSUE	DATE

PROJECT:
 CONSTRUCTION OF RAJANPUR-DG KHAN
 SECTION OF N-65 AS 4-LANE HIGHWAY
 (121.50 km)
 PACKAGE-1
 (Km 0+000 TO Km 57+500)

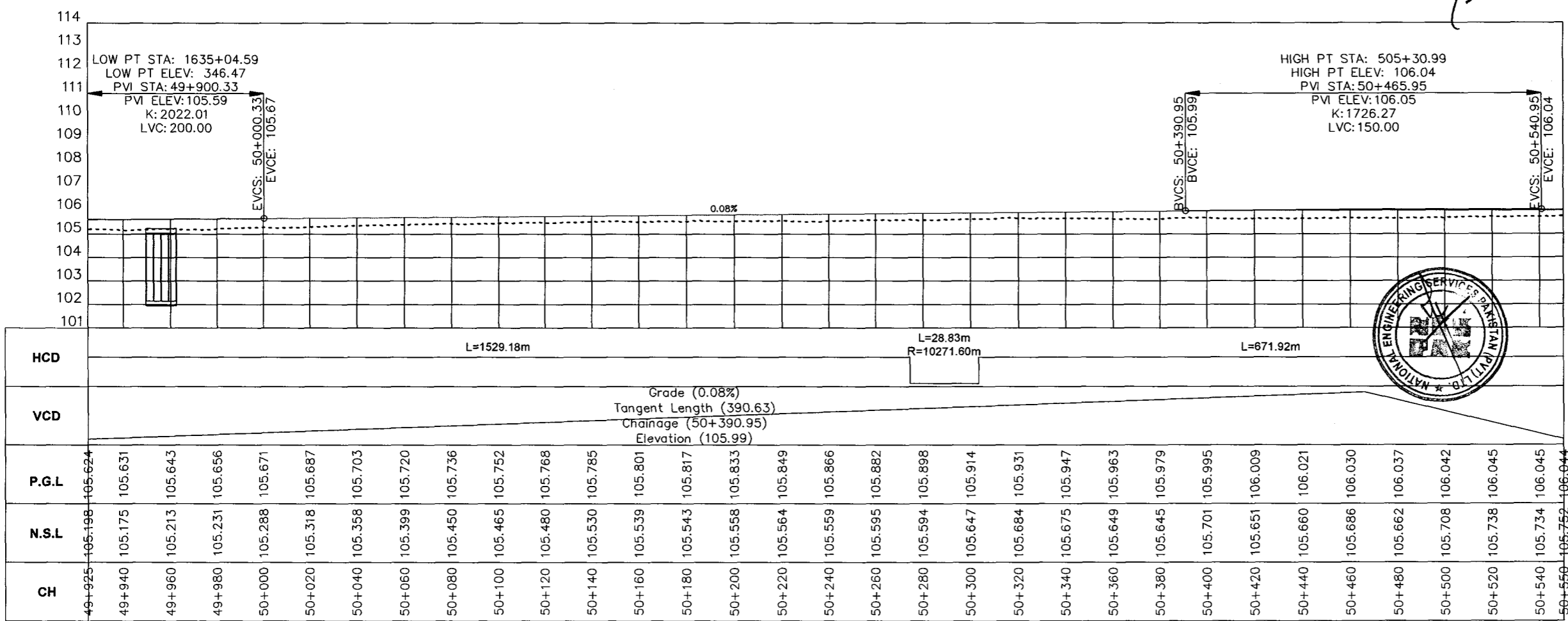
CLIENT:
 NATIONAL HIGHWAYS
 AUTHORITY (NHA)

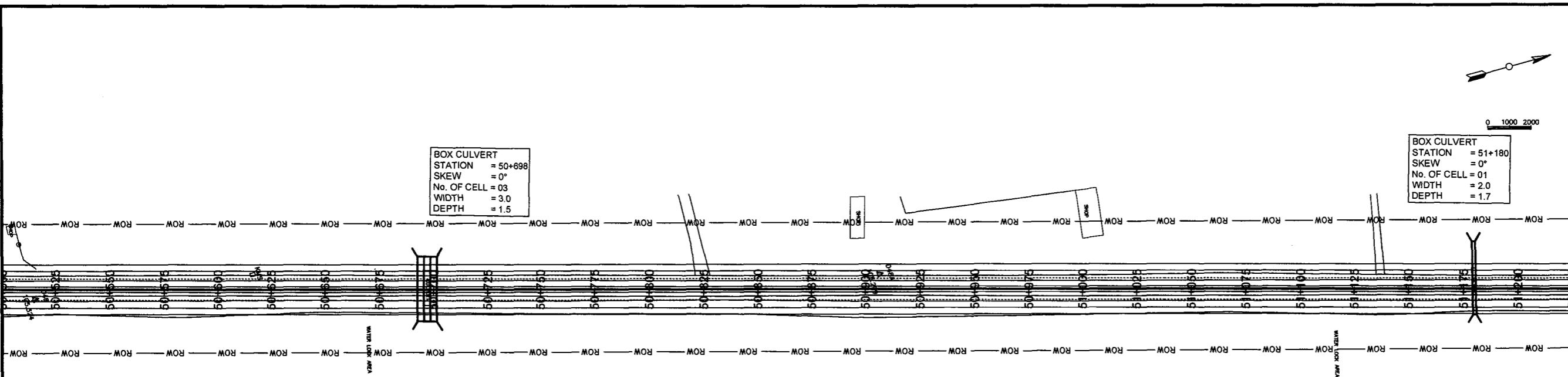
- CONSULTANTS:**
- MINCONSULT SDN BHD
In Joint Venture With
 - SAMAN CORPORATION
 - SHELADIA ASSOCIATES
 - CEC
 - AAA
 - ACE
 - AA
 - ACC

DRAWING TITLE:
 PLAN & PROFILE

DESIGN BY: S.M	SHEET NO: 80 OF 95
DRAWN BY: S.M	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL 2024
APPROVED BY:	REVISION:

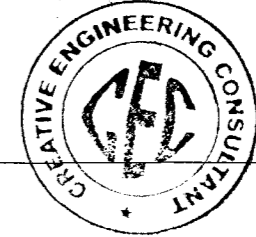
CAD FILE NAME:
 CAREC/T-III/TD/006





BOX CULVERT
 STATION = 50+698
 SKEW = 0°
 No. OF CELL = 03
 WIDTH = 3.0
 DEPTH = 1.5

BOX CULVERT
 STATION = 51+180
 SKEW = 0°
 No. OF CELL = 01
 WIDTH = 2.0
 DEPTH = 1.7



NOTES
 1:- ALL DIMENSIONS ARE IN METERS.

LEGEND

REV.	REVISION/ISSUE	DATE

PROJECT:
 CONSTRUCTION OF RAJANPUR-DG KHAN
 SECTION OF N-65 AS 4-LANE HIGHWAY
 (121.50 km)
 PACKAGE-1
 (Km 0+000 TO Km 57+500)

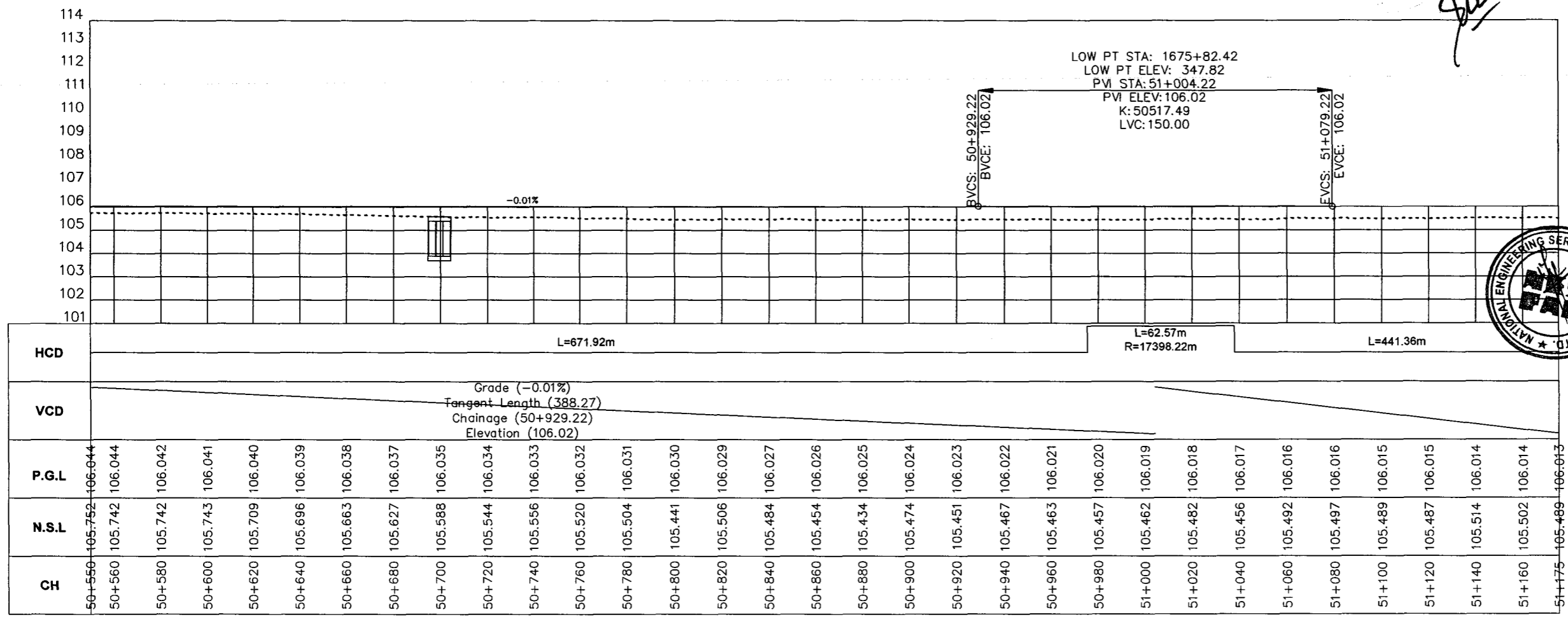
CLIENT:
 NATIONAL HIGHWAYS
 AUTHORITY (NHA)

- CONSULTANTS:**
- MNC CONSULT. SDN BHD
In Joint Venture With
 - SAMAN CORPORATION
 - SHELADIA ASSOCIATES
 - CEC
 - AAA
 - ACE
 - AA
 - ACC

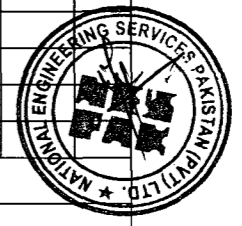
DRAWING TITLE:
 PLAN & PROFILE

DESIGN BY: S.M	SHEET NO: 81 OF 95
DRAWN BY: S.M	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL 2024
APPROVED BY:	REVISION:

CAD FILE NAME:
 CAREC/T-III/TD/006



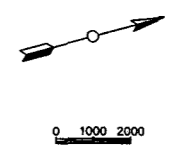
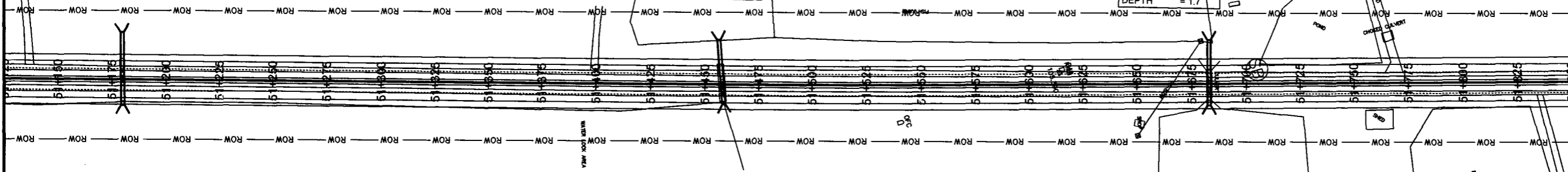
Jus



BOX CULVERT
 STATION = 51+180
 SKEW = 0°
 No. OF CELL = 01
 WIDTH = 2.0
 DEPTH = 1.7

BOX CULVERT
 STATION = 51+457
 SKEW = 0°
 No. OF CELL = 01
 WIDTH = 2.0
 DEPTH = 1.7

BOX CULVERT
 STATION = 51+689
 SKEW = 0°
 No. OF CELL = 01
 WIDTH = 2.0
 DEPTH = 1.7



NOTES

1- ALL DIMENSIONS ARE IN METERS.

LEGEND

TENDER DRAWINGS		
REV.	REVISION/ISSUE	DATE

PROJECT:
 CONSTRUCTION OF RAJANPUR-DG KHAN
 SECTION OF N-65 AS 4-LANE HIGHWAY
 (121.50 km)
 PACKAGE-1
 (Km 0+000 TO Km 57+500)

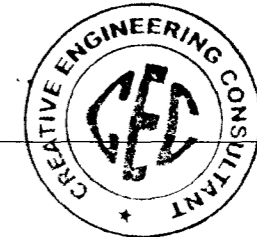
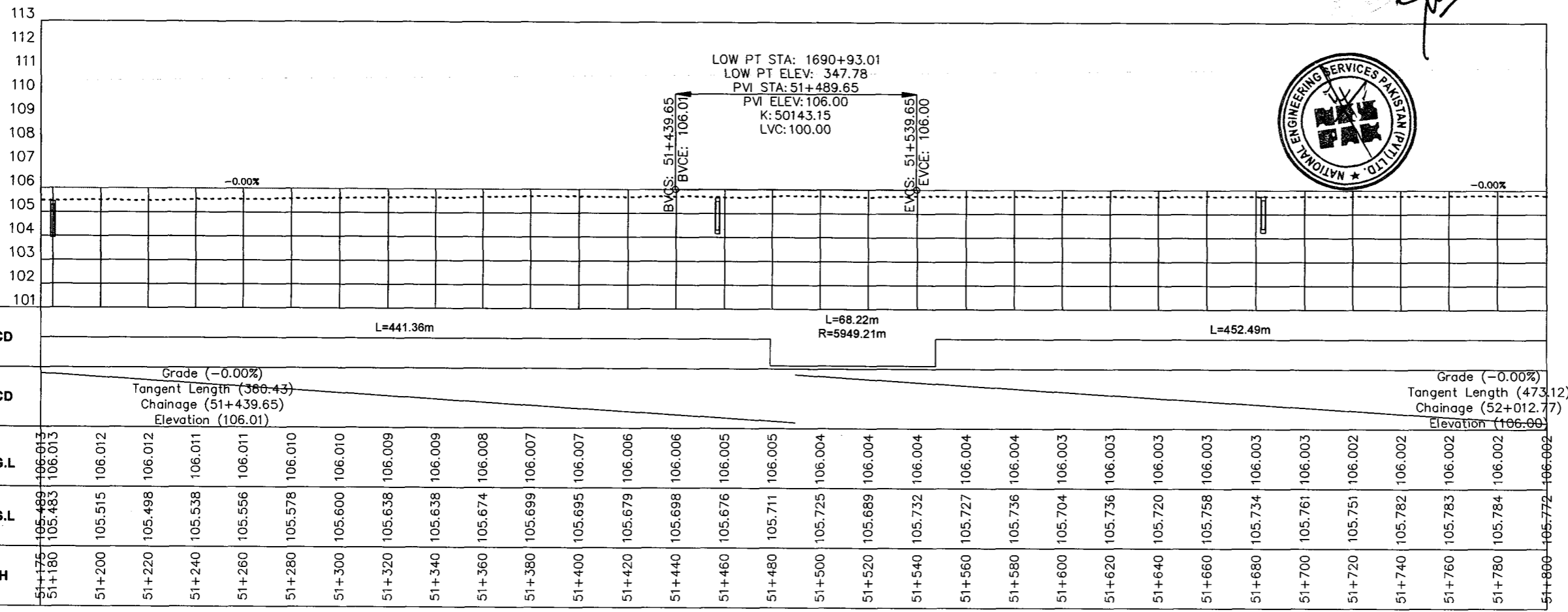
CLIENT:
 NATIONAL HIGHWAYS
 AUTHORITY (NHA)

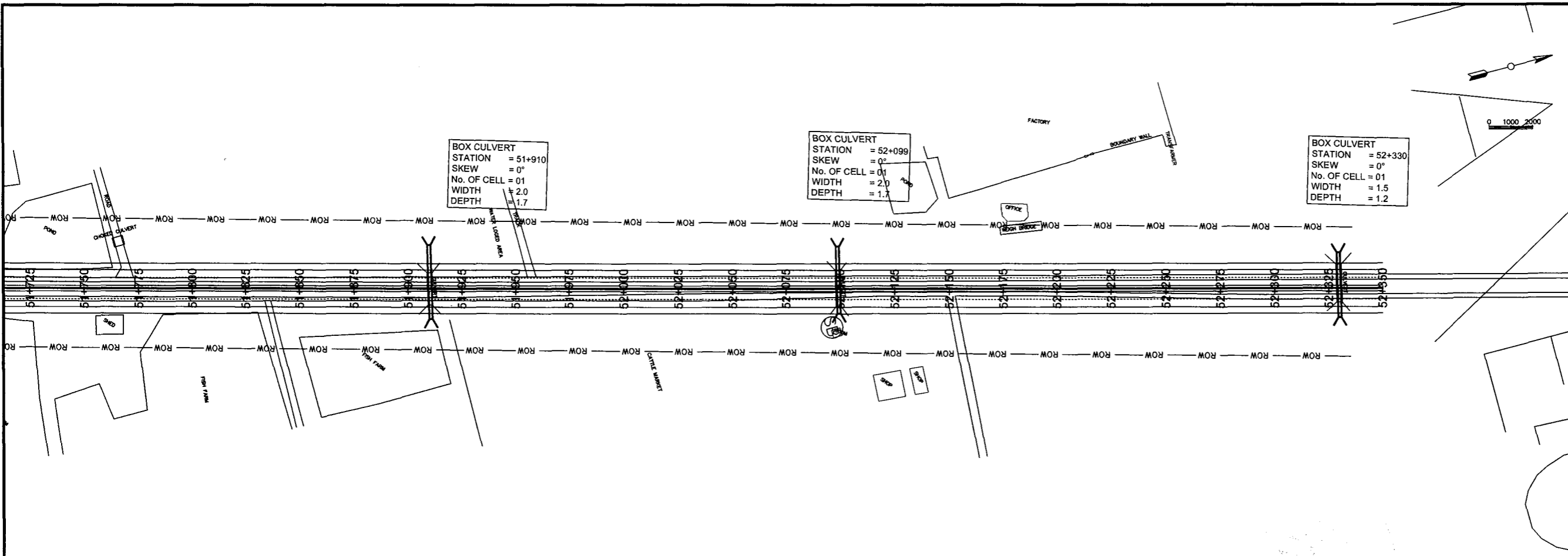
- CONSULTANTS:**
- MINCONSULT. SDN BHD
In Joint Venture With
 - SAMAN CORPORATION
 - SHELADIA ASSOCIATES
 - CEC
 - AAA
 - ACE
 - AA
 - ACC

DRAWING TITLE:
 PLAN & PROFILE

DESIGN BY: S.M	SHEET NO: 82 OF 95
DRAWN BY: S.M	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024
APPROVED BY:	REVISION:

CAD FILE NAME:
 CAREC/T-III/TD/006





NOTES
1- ALL DIMENSIONS ARE IN METERS.

LEGEND

REV.	REVISION/ISSUE	DATE

PROJECT:
CONSTRUCTION OF RAJANPUR-DG KHAN SECTION OF N-55 AS 4-LANE HIGHWAY (121.50 km)
PACKAGE-1 (Km 0+000 TO Km 57+500)

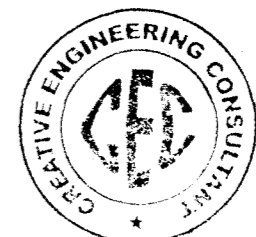
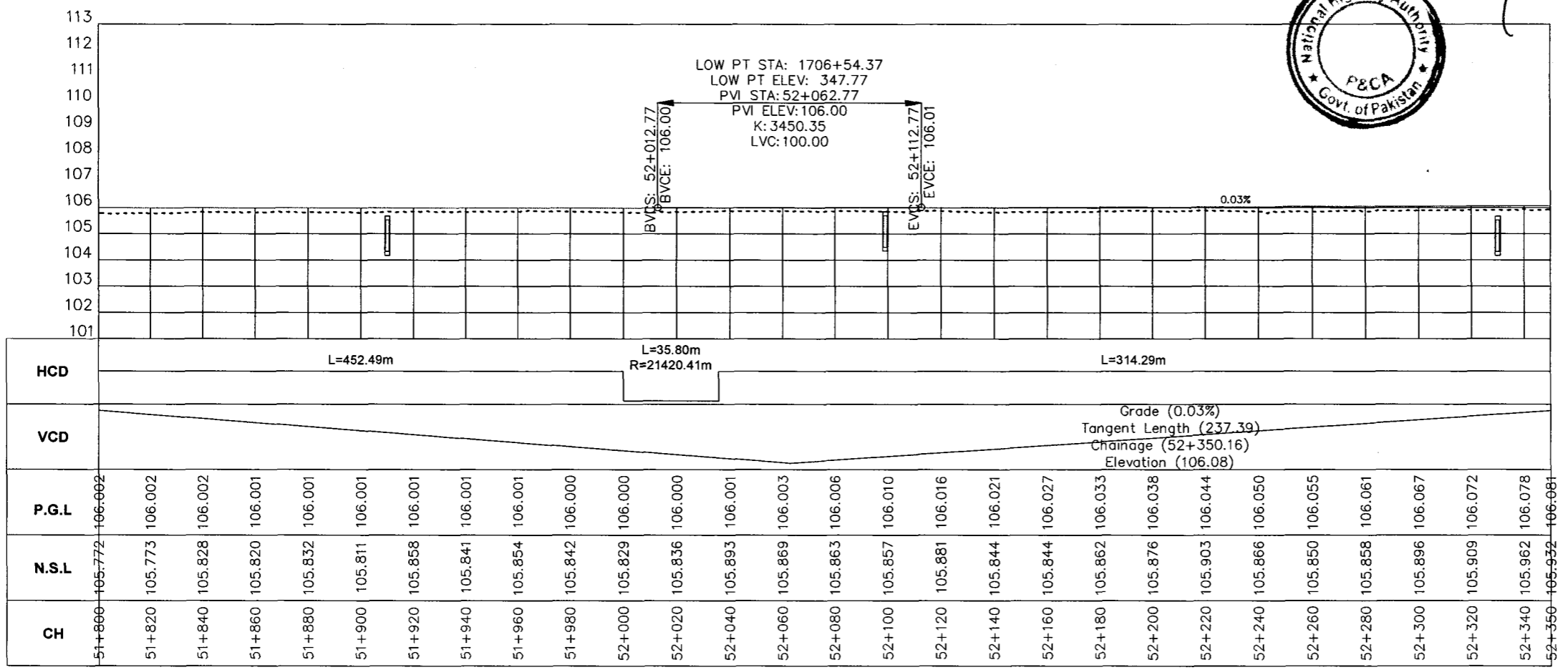
CLIENT:
NATIONAL HIGHWAYS AUTHORITY (NHA)

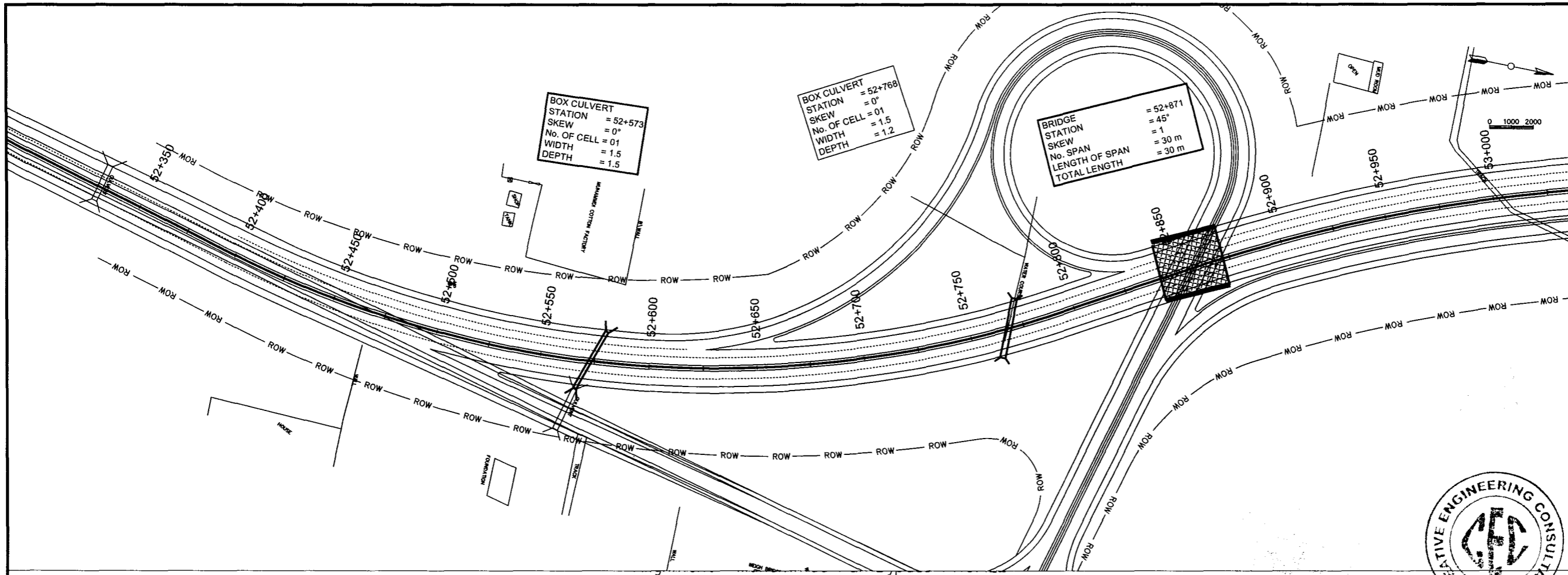
- CONSULTANTS:**
- MINCONSULT SDN BHD In Joint Venture With
 - SAMAN CORPORATION
 - SHELADIA ASSOCIATES
 - CEC
 - AAA
 - ACE
 - AA
 - ACC

DRAWING TITLE:
PLAN & PROFILE

DESIGN BY: S.M	SHEET NO: 83 OF 92
DRAWN BY: S.M	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024
APPROVED BY:	REVISION:

CAD FILE NAME:
CAREC/T-III/1D/006





NOTES
1:- ALL DIMENSIONS ARE IN METERS.

LEGEND

TENDER DRAWINGS		
REV.	REVISION/ISSUE	DATE

PROJECT:
CONSTRUCTION OF RAJANPUR-DG KHAN SECTION OF N-55 AS 4-LANE HIGHWAY (121.50 km)
PACKAGE-1 (Km 0+000 TO Km 57+500)

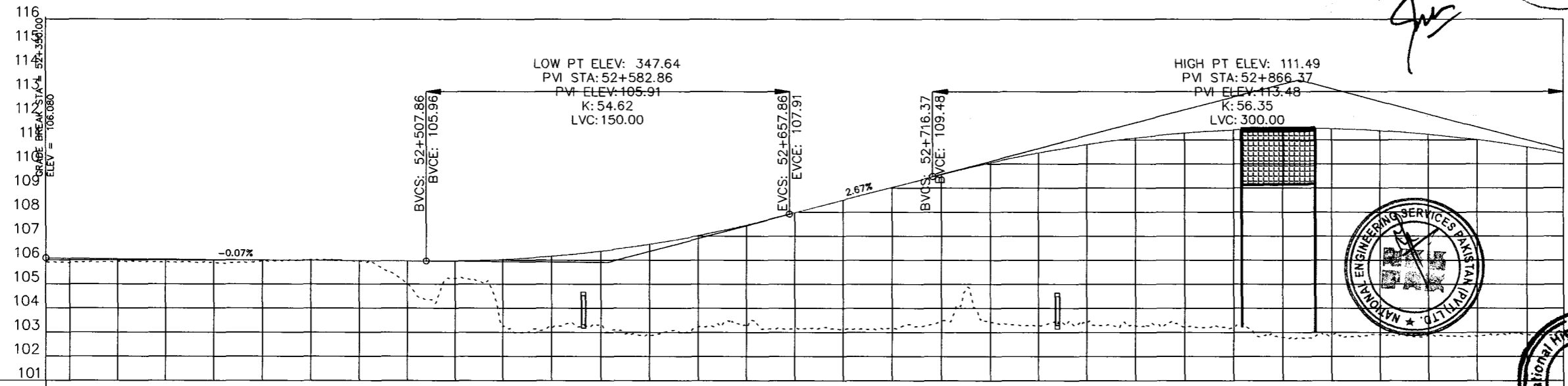
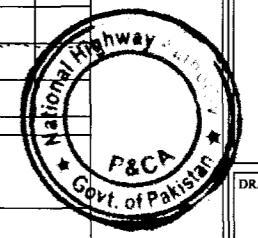
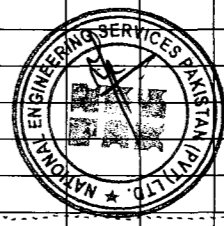
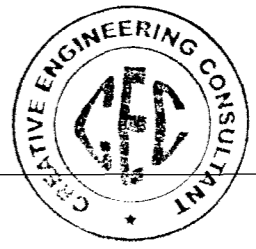
CLIENT:
NATIONAL HIGHWAYS AUTHORITY (NHA)

- CONSULTANTS:**
- MINCONSULT SDN BHD In Joint Venture With
 - SAMAN CORPORATION
 - SHELADIA ASSOCIATES
 - CEC
 - AAA
 - ACE
 - AA
 - ACC

DRAWING TITLE:
PLAN & PROFILE

DESIGN BY: S.M	SHEET NO: 84 OF 92
DRAWN BY: S.M	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024.
APPROVED BY:	REVISION:

CAD FILE NAME:
CAREC/T-III/TD/007



HCD	L=47.01m	L=397.91m R=500.00m	L=58.55m	L=237.86m R=750.00m																													
VCD	Grade (-0.07%) Tangent Length (157.86) Chainage (52+507.86) Elevation (105.96)		Grade (2.67%) Tangent Length (58.51) Chainage (52+716.37) Elevation (109.48)																														
P.G.L	52+350 106.080	52+360 106.073	52+380 106.058	52+400 106.043	52+420 106.028	52+440 106.013	52+460 105.999	52+480 105.984	52+500 105.969	52+520 105.968	52+540 106.034	52+560 106.174	52+580 106.386	52+600 106.672	52+620 107.032	52+640 107.464	52+660 107.969	52+680 108.504	52+700 109.038	52+720 109.571	52+740 110.057	52+760 110.473	52+780 110.817	52+800 111.090	52+820 111.292	52+840 111.423	52+860 111.483	52+880 111.472	52+900 111.390	52+920 111.237	52+940 111.013	52+960 110.719	52+975 110.451
N.S.L	105.917	105.897	105.937	105.923	105.884	105.953	106.014	105.958	105.013	105.245	103.245	103.202	103.368	102.873	103.228	103.234	103.161	103.138	103.163	103.467	103.419	103.292	103.398	103.280	103.240	103.202	102.788	102.891	102.908	102.863	102.847	102.913	102.990
CH	52+350	52+360	52+380	52+400	52+420	52+440	52+460	52+480	52+500	52+520	52+540	52+560	52+580	52+600	52+620	52+640	52+660	52+680	52+700	52+720	52+740	52+760	52+780	52+800	52+820	52+840	52+860	52+880	52+900	52+920	52+940	52+960	52+975

BOX CULVERT
 STATION = 53+129
 SKEW = 0°
 No. OF CELL = 01
 WIDTH = 1.5
 DEPTH = 1.2

C.C.
 STATION = 53+566
 SKEW = 0°
 No. OF CELL = 0
 WIDTH = 2.5
 DEPTH = 2.5

BOX
 STATION
 SKEW
 No. OF
 WIDTH
 DEPTH

NOTES

1- ALL DIMENSIONS ARE IN METERS.

LEGEND

REV.	REVISION/ISSUE	DATE

PROJECT:
 CONSTRUCTION OF RAJANPUR-DG KHAN
 SECTION OF N-55 AS 4-LANE HIGHWAY
 (121.50 km)
 PACKAGE-1
 (Km 0+000 TO Km 57+500)

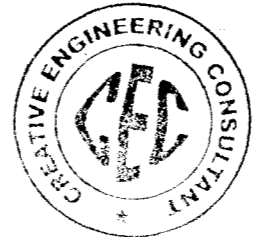
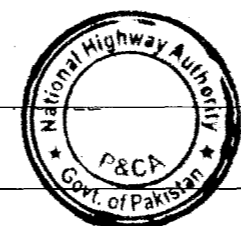
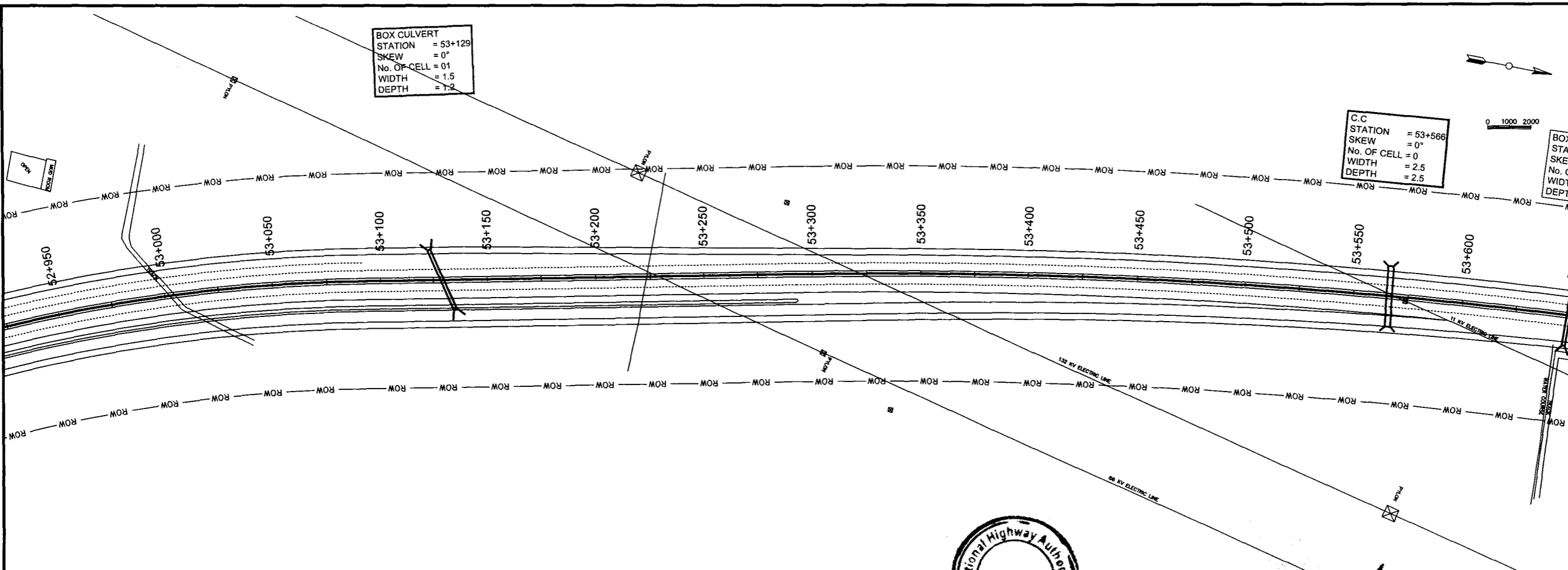
CLIENT:
 NATIONAL HIGHWAYS
 AUTHORITY (NHA)

- CONSULTANTS:
- MINCONSULT. SDN BHD
In Joint Venture With
 - SAMAN CORPORATION
 - SHIELADIA ASSOCIATES
 - CEC
 - AAA
 - ACE
 - AA
 - ACC

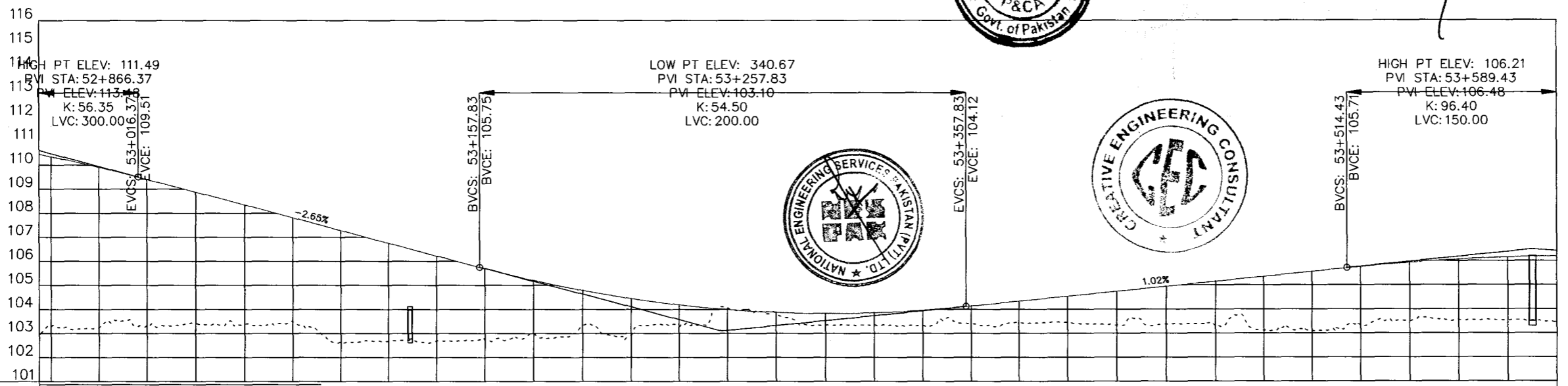
DRAWING TITLE:
 PLAN & PROFILE

DESIGN BY: S.M	SHEET NO: 85 OF 92
DRAWN BY: S.M	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024.
APPROVED BY:	REVISION:

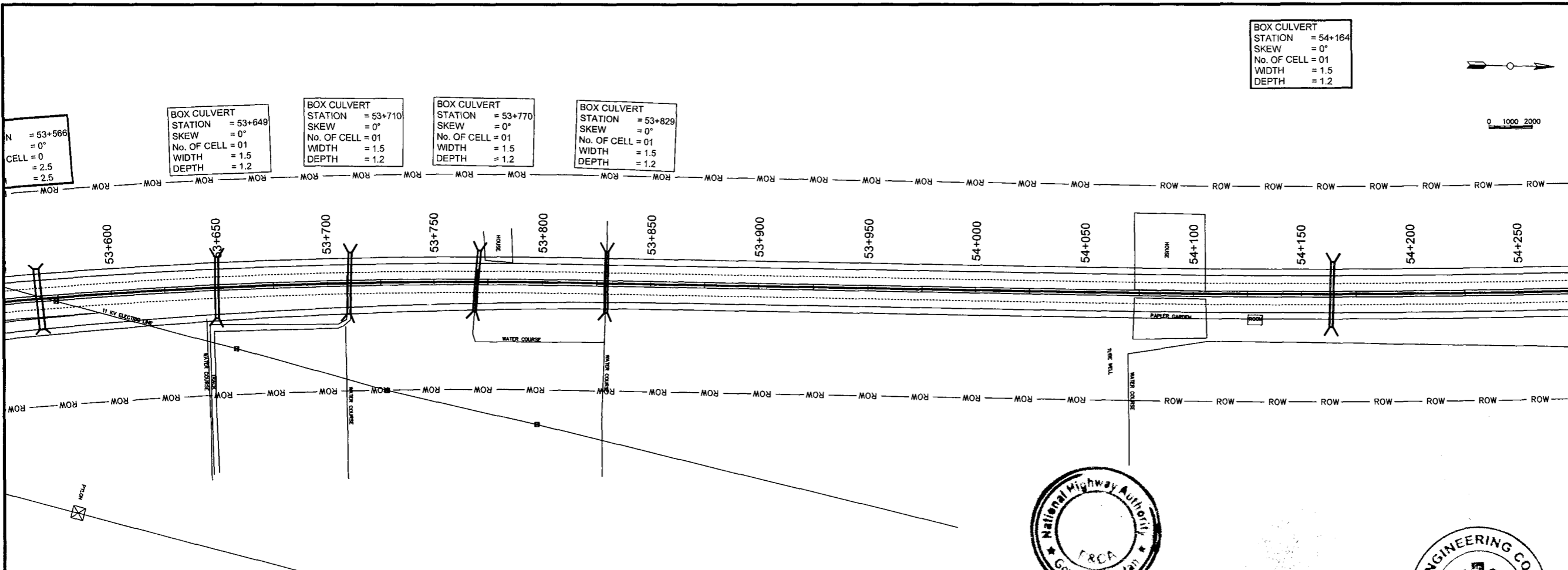
CAD FILE NAME:
 CAREC/T-III/TD/007



Ans



CH	N.S.L	P.G.L	VCD	HCD
52+975	102.990	110.451	Grade (-2.65%) Tangent Length (141.47) Chainage (53+157.83) Elevation (105.75)	L=237.86m R=750.00m
52+980	103.292	110.353		
53+000	103.241	109.916	Grade (1.02%) Tangent Length (156.60) Chainage (53+514.43) Elevation (105.71)	L=518.21m R=2500.00m
53+020	103.352	109.409		
53+040	103.418	108.879		
53+060	103.387	108.349		
53+080	103.491	107.818		
53+100	102.624	107.288		
53+120	102.665	106.757		
53+140	102.695	106.227		
53+160	102.740	105.697		
53+180	102.982	105.211		
53+200	103.308	104.799		
53+220	102.955	104.460		
53+240	103.311	104.194		
53+260	104.063	104.002		
53+280	103.790	103.883		
53+300	103.340	103.838		
53+320	103.346	103.866		
53+340	103.310	103.967		
53+360	103.401	104.142		
53+380	103.457	104.345		
53+400	103.448	104.549		
53+420	103.338	104.752		
53+440	103.372	104.956		
53+460	103.391	105.159		
53+480	103.121	105.363		
53+500	103.098	105.567		
53+520	103.341	105.768		
53+540	103.501	105.940		
53+560	103.550	106.069		
53+580	103.536	106.158		
53+600	103.468	106.204		



BOX CULVERT
 STATION = 54+164
 SKEW = 0°
 No. OF CELL = 01
 WIDTH = 1.5
 DEPTH = 1.2

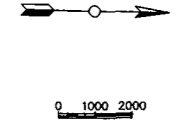
BOX CULVERT
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 SKEW = 0°
 No. OF CELL = 01
 WIDTH = 1.5
 DEPTH = 1.2

BOX CULVERT
 STATION = 53+710
 SKEW = 0°
 No. OF CELL = 01
 WIDTH = 1.5
 DEPTH = 1.2

BOX CULVERT
 STATION = 53+770
 SKEW = 0°
 No. OF CELL = 01
 WIDTH = 1.5
 DEPTH = 1.2

BOX CULVERT
 STATION = 53+829
 SKEW = 0°
 No. OF CELL = 01
 WIDTH = 1.5
 DEPTH = 1.2

N = 53+566
 CELL = 0
 WIDTH = 2.5
 DEPTH = 2.5



NOTES
 1- ALL DIMENSIONS ARE IN METERS.

LEGEND

REV.	REVISION/ISSUE	DATE

PROJECT:
 CONSTRUCTION OF RAJANPUR-DG KHAN
 SECTION OF N-55 AS 4-LANE HIGHWAY
 (121.50 km)
 PACKAGE-1
 (Km 0+000 TO Km 57+500)

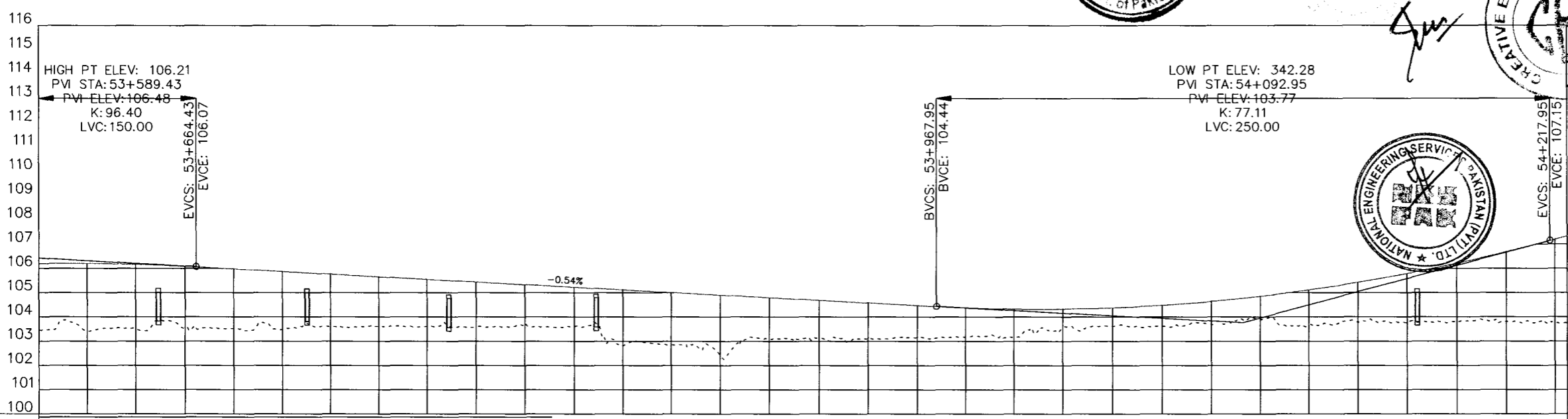
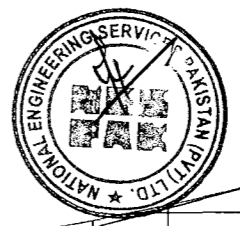
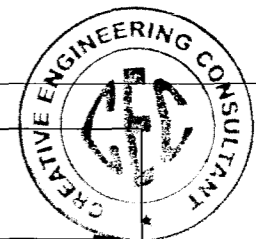
CLIENT:
 NATIONAL HIGHWAYS
 AUTHORITY (NHA)

- CONSULTANTS:**
- MINCONSULT SDN BHD
In Joint Venture With
 - SAMAN CORPORATION
 - SHELADIA ASSOCIATES
 - CEC
 - AAA
 - ACE
 - AA
 - ACC

DRAWING TITLE:
 PLAN & PROFILE

DESIGN BY: S.M	SHEET NO: 86 OF 92
DRAWN BY: S.M	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024.
APPROVED BY:	REVISION:

CAD FILE NAME:
 CAREC/T-III/TD/007



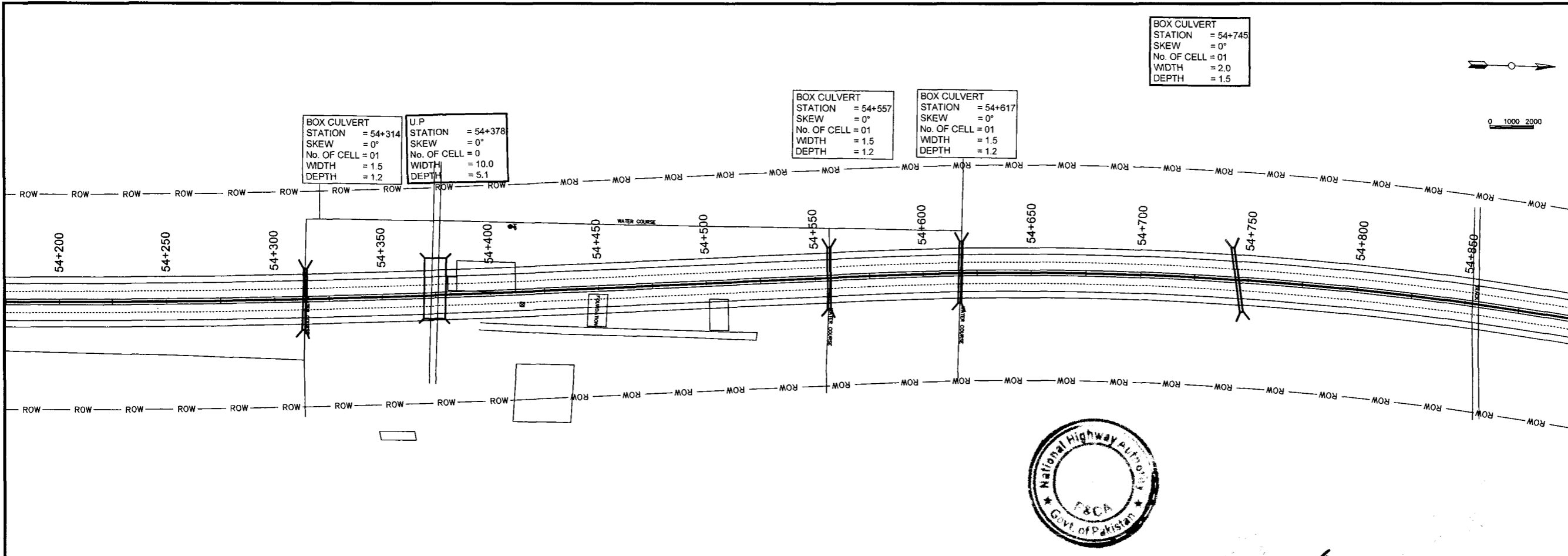
Station	CH	N.S.L	P.G.L	VCD	HCD
53+600	103.468	106.204			
53+620	103.414	106.210			
53+640	103.498	106.173			
53+660	103.549	106.096			
53+680	103.519	105.989			
53+700	103.482	105.881			
53+720	103.608	105.774			
53+740	103.610	105.666			
53+760	103.615	105.558			
53+780	103.591	105.451			
53+800	103.756	105.343			
53+820	103.587	105.235			
53+840	102.814	105.128			
53+860	102.849	105.020			
53+880	102.434	104.912			
53+900	103.088	104.804			
53+920	103.130	104.697			
53+940	103.071	104.589			
53+960	103.166	104.481			
53+980	103.180	104.383			
54+000	103.170	104.333			
54+020	103.569	104.334			
54+040	103.619	104.387			
54+060	103.609	104.493			
54+080	103.691	104.650			
54+100	103.892	104.858			
54+120	103.668	105.119			
54+140	103.777	105.432			
54+160	103.762	105.796			
54+180	103.804	106.213			
54+200	103.815	106.681			
54+220	103.739	107.201			
54+240	103.746	107.336			

L=518.21m
R=2500.00m

L=256.56m

L=357.46m
R=5000.00m

Grade (-0.54%)
 Tangent Length (303.52)
 Chainage (53+967.95)
 Elevation (104.44)



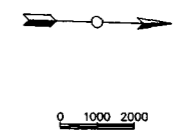
BOX CULVERT
 STATION = 54+745
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 No. OF CELL = 01
 WIDTH = 2.0
 DEPTH = 1.5

BOX CULVERT
 STATION = 54+557
 SKEW = 0°
 No. OF CELL = 01
 WIDTH = 1.5
 DEPTH = 1.2

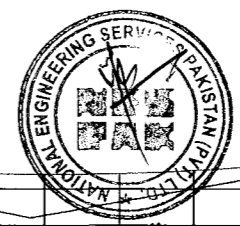
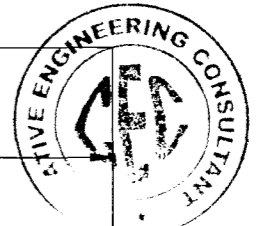
BOX CULVERT
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 SKEW = 0°
 No. OF CELL = 01
 WIDTH = 1.5
 DEPTH = 1.2

BOX CULVERT
 STATION = 54+314
 SKEW = 0°
 No. OF CELL = 01
 WIDTH = 1.5
 DEPTH = 1.2

U.P.
 STATION = 54+378
 SKEW = 0°
 No. OF CELL = 0
 WIDTH = 10.0
 DEPTH = 5.1



Signature



NOTES
 1- ALL DIMENSIONS ARE IN METERS.

LEGEND

REV.	REVISION/ISSUE	DATE

TENDER DRAWINGS

PROJECT:
 CONSTRUCTION OF RAJANPUR-DG KHAN SECTION OF N-55 AS 4-LANE HIGHWAY (121.50 km) PACKAGE-1 (Km 0+000 TO Km 57+500)

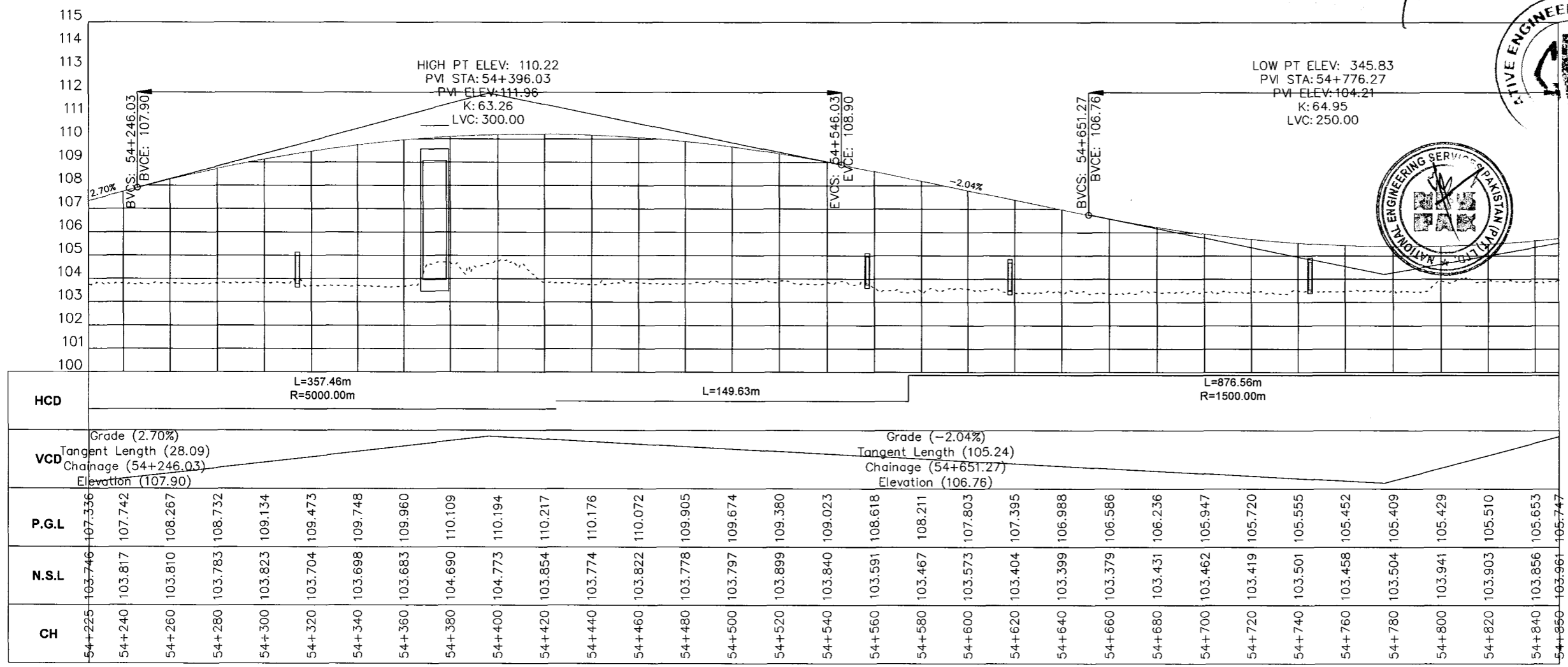
CLIENT:
 NATIONAL HIGHWAYS AUTHORITY (NHA)

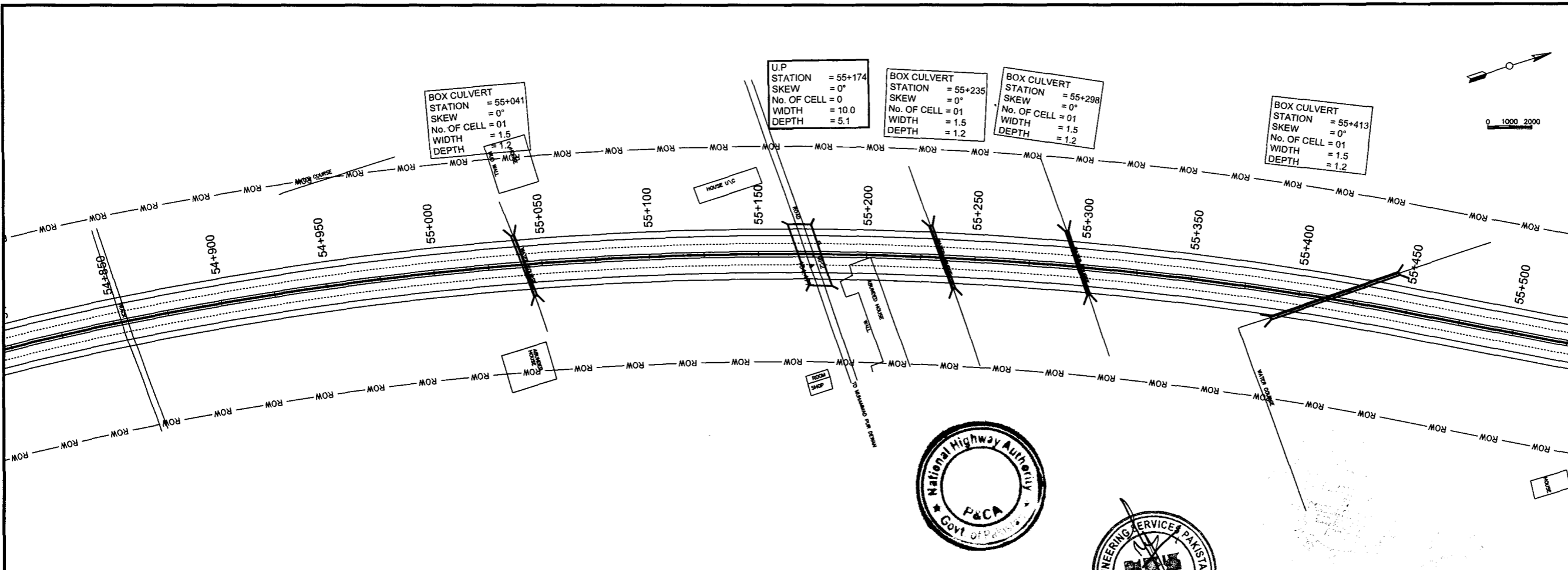
CONSULTANTS:
 MINCONSULT. SDN BHD
 In Joint Venture With
 SAMAN CORPORATION
 SHELADIA ASSOCIATES
 CEC
 AAA
 ACE
 AA
 ACC

DRAWING TITLE:
 PLAN & PROFILE

DESIGN BY: S.M	SHEET NO: 87 OF 92
DRAWN BY: S.M	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024.
APPROVED BY:	REVISION:

CAD FILE NAME:
 CAREC/T-III/TD/007

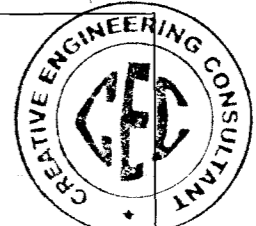
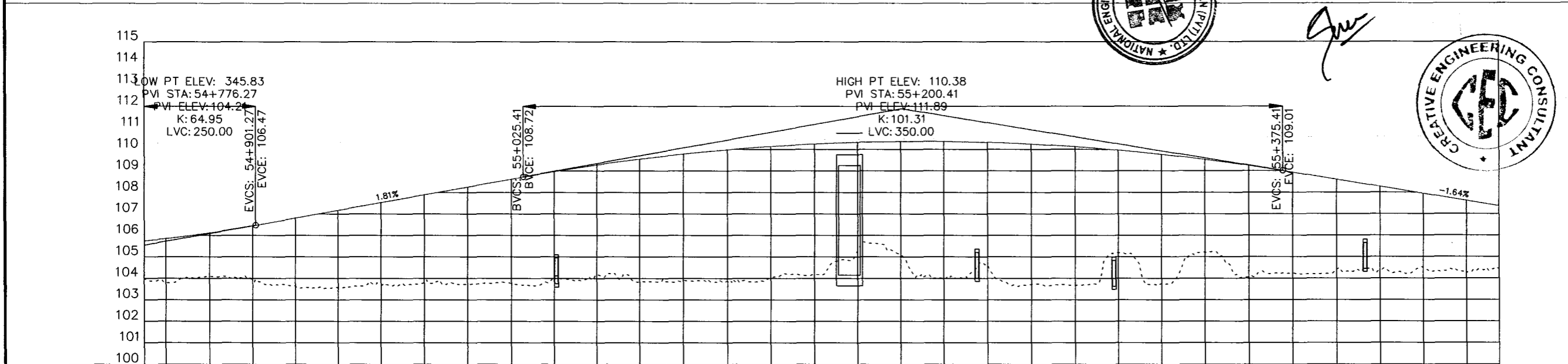




NOTES
 1- ALL DIMENSIONS ARE IN METERS.

LEGEND

REV.	REVISION/ISSUE	DATE



PROJECT:
 CONSTRUCTION OF RAJANPUR-DG KHAN SECTION OF N-55 AS 4-LANE HIGHWAY (121.50 km) PACKAGE-1 (Km 0+000 TO Km 57+500)

CLIENT:
 NATIONAL HIGHWAYS AUTHORITY (NHA)

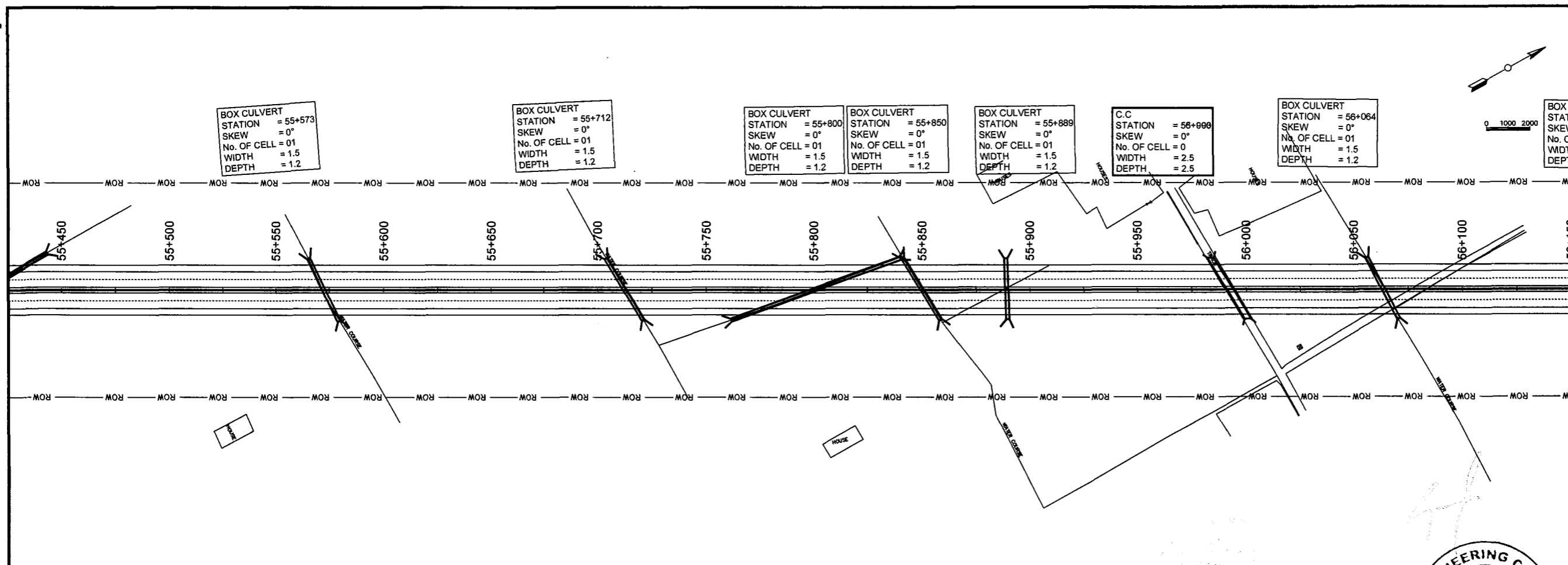
- CONSULTANTS:**
- MINCONSULT SDN BHD In Joint Venture With
 - SAMAN CORPORATION
 - SHELADIA ASSOCIATES
 - CEC
 - AAA
 - ACE
 - AA
 - ACC

HCD	L=876.56m R=1500.00m																				L=1294.54m												
VCD	Grade (1.81%) Tangent Length (124.14) Chainage (55+025.41) Elevation (108.72)										Grade (-1.64%) Tangent Length (156.89) Chainage (55+532.30) Elevation (106.43)																						
P.G.L	54+850	54+860	54+880	54+900	54+920	54+940	54+960	54+980	55+000	55+020	55+040	55+060	55+080	55+100	55+120	55+140	55+160	55+180	55+200	55+220	55+240	55+260	55+280	55+300	55+320	55+340	55+360	55+380	55+400	55+420	55+440	55+460	55+475
N.S.L	105.747	105.857	106.123	106.450	106.812	107.174	107.536	107.898	108.260	108.622	108.974	109.288	109.562	109.796	109.991	110.147	110.263	110.340	110.377	110.374	110.333	110.251	110.131	109.970	109.771	109.531	109.253	108.936	108.607	108.278	107.949	107.620	107.373
CH	54+850	54+860	54+880	54+900	54+920	54+940	54+960	54+980	55+000	55+020	55+040	55+060	55+080	55+100	55+120	55+140	55+160	55+180	55+200	55+220	55+240	55+260	55+280	55+300	55+320	55+340	55+360	55+380	55+400	55+420	55+440	55+460	55+475

DRAWING TITLE:
 PLAN & PROFILE

DESIGN BY: S.M	SHEET NO: 88 OF 92
DRAWN BY: S.M	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024.
APPROVED BY:	REVISION:

CAD FILE NAME:
 CAREC/T-III/TD/007



NOTES
 1- ALL DIMENSIONS ARE IN METERS.

LEGEND

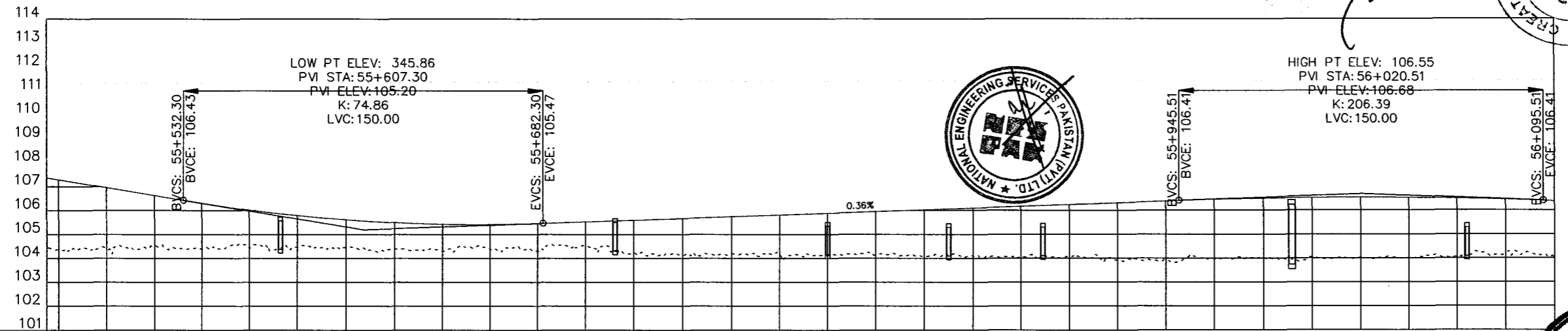
REV.	REVISION/ISSUE	DATE

PROJECT:
 CONSTRUCTION OF RAJANPUR-DG KHAN SECTION OF N-55 AS 4-LANE HIGHWAY (121.50 km)
 PACKAGE-1
 (Km 0+000 TO Km 57+500)

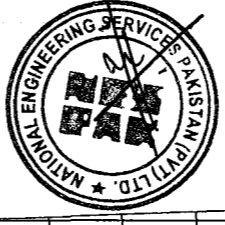
CLIENT:
 NATIONAL HIGHWAYS AUTHORITY (NHA)

- CONSULTANTS:**
- MINCONSULT SDN BHD
In Joint Venture With
 - SAMAN CORPORATION
 - SHELADIA ASSOCIATES
 - CEC
 - AAA
 - ACE
 - AA
 - ACC

Alignment - Muhammad Pur Bypass PROFILE



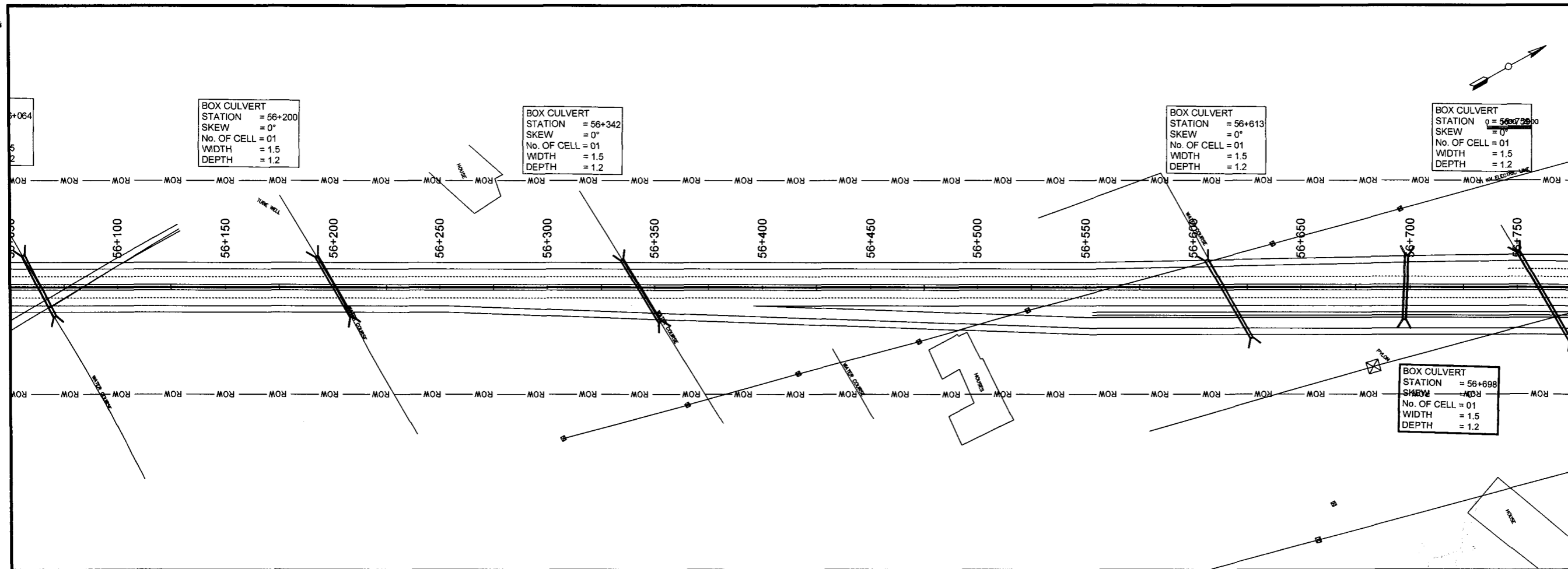
Station	CH	N.S.L	P.G.L	VCD	HCD
55+475	104.434	107.373			
55+480	104.349	107.291			
55+500	104.400	106.962			
55+520	104.513	106.634			
55+540	104.392	106.309			
55+560	104.435	106.027			
55+580	104.480	105.799			
55+600	104.480	105.624			
55+620	104.389	105.503			
55+640	104.292	105.435			
55+660	104.404	105.421			
55+680	104.305	105.460			
55+700	104.504	105.531			
55+720	104.216	105.603			
55+740	104.113	105.675			
55+760	104.190	105.747			
55+780	104.162	105.819			
55+800	104.115	105.891			
55+820	104.128	105.962			
55+840	104.104	106.034			
55+860	104.092	106.106			
55+880	104.055	106.178			
55+900	104.099	106.250			
55+920	103.917	106.322			
55+940	103.916	106.394			
55+960	103.978	106.461			
55+980	103.995	106.509			
56+000	104.030	106.537			
56+020	104.030	106.547			
56+040	104.013	106.537			
56+060	104.039	106.507			
56+080	104.177	106.459			
56+100	104.048	106.391			



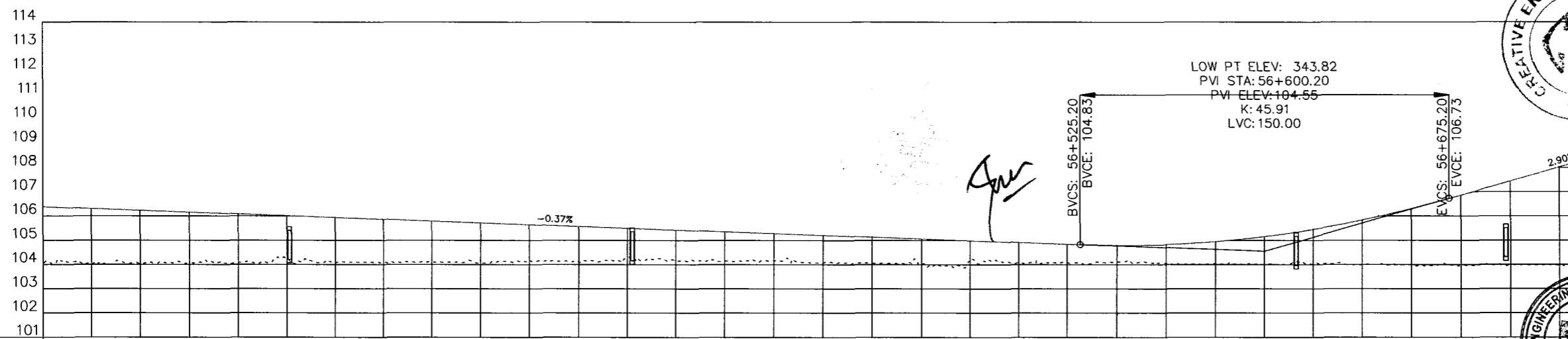
DRAWING TITLE:
 PLAN & PROFILE

DESIGN BY: S.M	SHEET NO: 89 OF 92
DRAWN BY: S.M	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024.
APPROVED BY:	REVISION:

CAD FILE NAME:
 CAREC/T-III/TD/007



Alignment – Muhammad Pur Bypass PROFILE



Station	CH	N.S.L	P.G.L	VCD	HCD
56+100	104.948	106.391			
56+120	104.075	106.318			
56+140	104.041	106.244			
56+160	104.058	106.171			
56+180	104.078	106.097			
56+200	104.259	106.024			
56+220	104.074	105.950			
56+240	104.080	105.877			
56+260	104.105	105.803			
56+280	104.057	105.730			
56+300	104.173	105.656			
56+320	104.105	105.583			
56+340	104.271	105.509			
56+360	104.184	105.436			
56+380	104.157	105.362			
56+400	104.164	105.289			
56+420	104.068	105.215			
56+440	104.061	105.142			
56+460	104.022	105.069			
56+480	104.145	104.995			
56+500	104.108	104.922			
56+520	104.082	104.848			
56+540	104.104	104.798			
56+560	104.054	104.833			
56+580	104.024	104.955			
56+600	104.011	105.164			
56+620	104.045	105.460			
56+640	103.990	105.843			
56+660	103.996	106.313			
56+680	103.958	106.868			
56+700	103.995	107.448			
56+720	103.971	108.028			
56+740	103.971	108.571			

NOTES
1- ALL DIMENSIONS ARE IN METERS.

LEGEND

TENDER DRAWINGS

REV.	REVISION/ISSUE	DATE

PROJECT:
CONSTRUCTION OF RAJANPUR-DG KHAN SECTION OF N-55 AS 4-LANE HIGHWAY (121.50 km)
PACKAGE-1 (Km 0+000 TO Km 57+500)

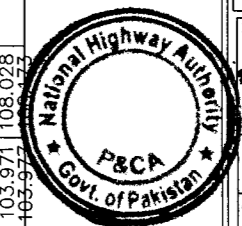
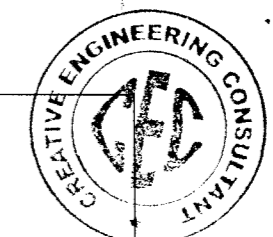
CLIENT:
NATIONAL HIGHWAYS AUTHORITY (NHA)

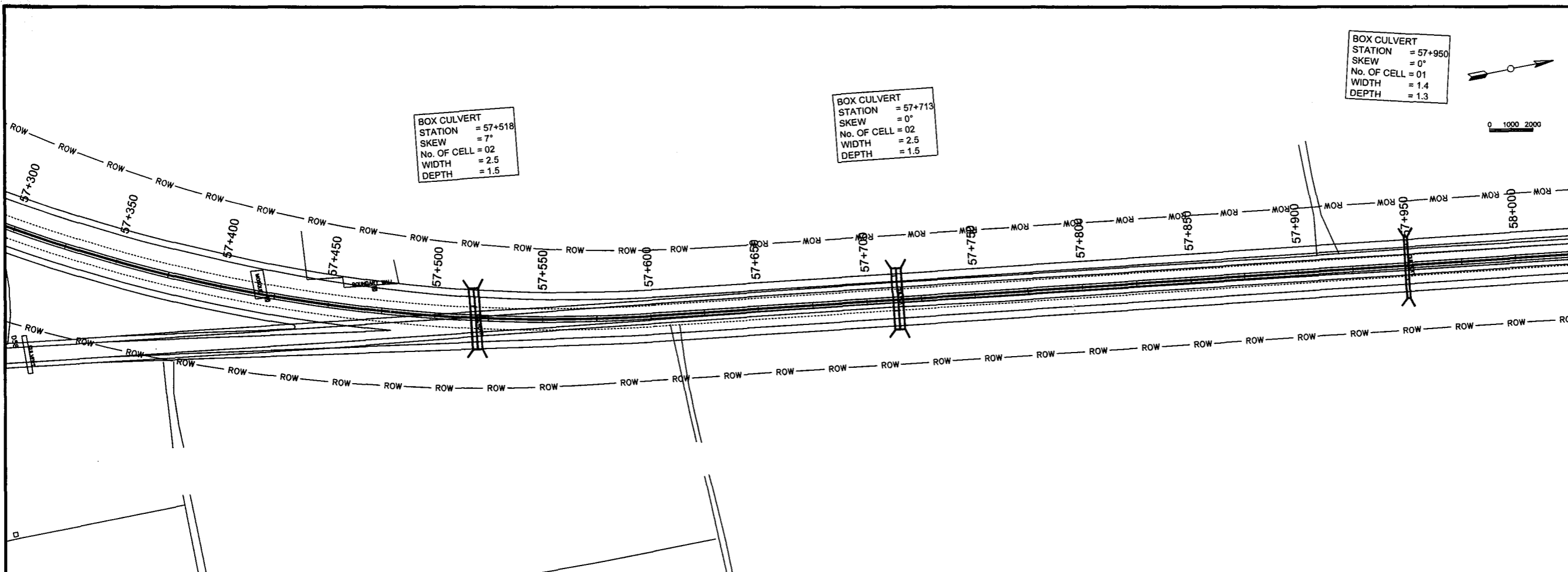
CONSULTANTS:
MINCONSULT. SDN BHD
SAMAN CORPORATION
SHELADIA ASSOCIATES
CEC
AAA
ACE
AA
ACC

DRAWING TITLE:
PLAN & PROFILE

DESIGN BY: S.M	SHEET NO: 90 OF 92
DRAWN BY: S.M	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024.
APPROVED BY:	REVISION:

CAD FILE NAME:
CAREC/T-III/TD/007

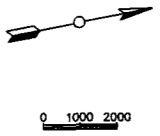




BOX CULVERT
STATION = 57+518
SKEW = 7°
No. OF CELL = 02
WIDTH = 2.5
DEPTH = 1.5

BOX CULVERT
STATION = 57+713
SKEW = 0°
No. OF CELL = 02
WIDTH = 2.5
DEPTH = 1.5

BOX CULVERT
STATION = 57+950
SKEW = 0°
No. OF CELL = 01
WIDTH = 1.4
DEPTH = 1.3



NOTES
1- ALL DIMENSIONS ARE IN METERS.

LEGEND

TENDER DRAWINGS		
REV.	REVISION/ISSUE	DATE

PROJECT:
CONSTRUCTION OF RAJANPUR-DG KHAN SECTION OF N-55 AS 4-LANE HIGHWAY (121.50 km) PACKAGE-1 (Km 0+000 TO Km 57+500)

CLIENT:
NATIONAL HIGHWAYS AUTHORITY (NHA)

CONSULTANTS:
 MINCONSULT. SDN BHD
 SAMAN CORPORATION
 SHELADIA ASSOCIATES
 CEC
 AAA
 ACE
 AA
 ACC

DRAWING TITLE:
PLAN & PROFILE

DESIGN BY: S.M	SHEET NO: 92 OF 92
DRAWN BY: S.M	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024.
APPROVED BY:	REVISION:

CAD FILE NAME:
CAREC/T-III/TD/007

