

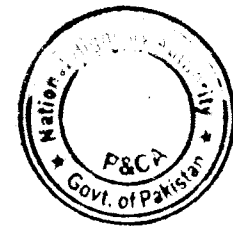
ISLAMIC REPUBLIC OF PAKISTAN
NATIONAL HIGHWAY AUTHORITY

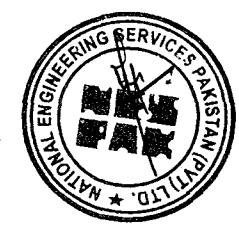
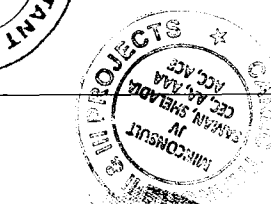
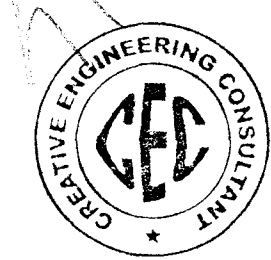
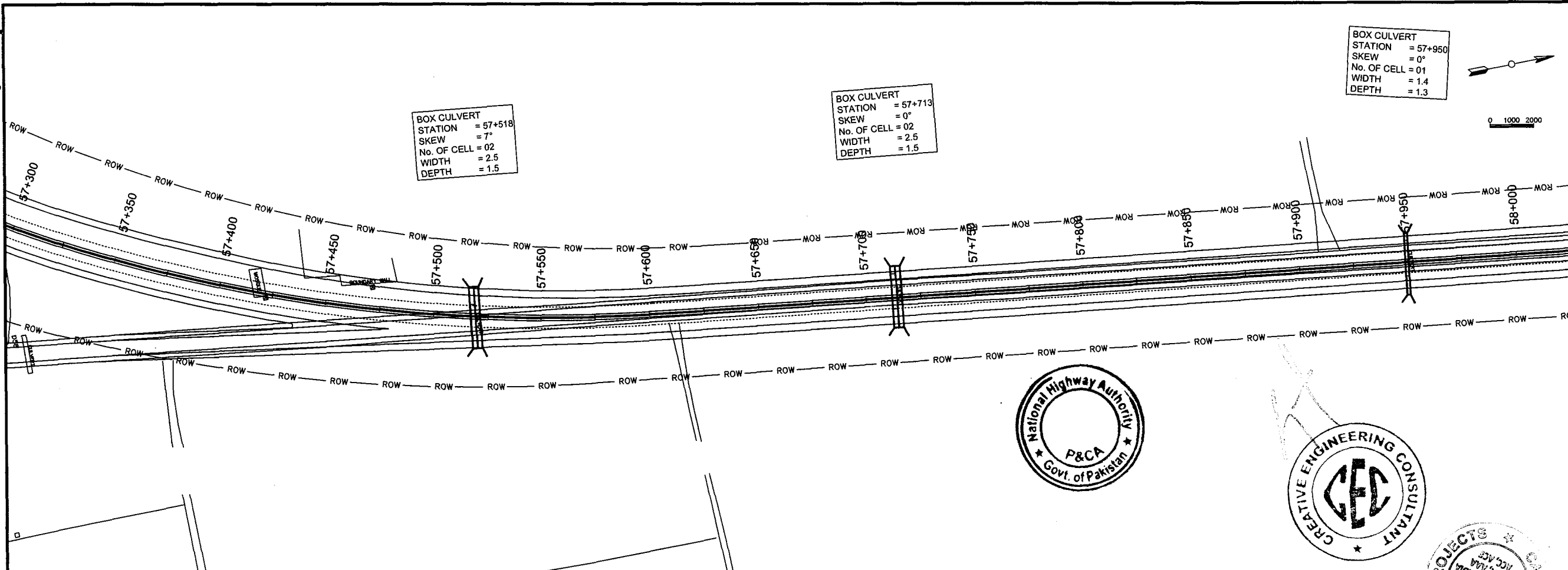


LOAN 4416-PAK: CENTRAL ASIA REGIONAL ECONOMIC COOPERATION
CORRIDOR DEVELOPMENT INVESTMENT PROGRAM (CAREC) [TRANCHE-III]
OCB/CAREC/T-III: CONSTRUCTION OF ADDITIONAL CARRIAGEWAY FROM
RAJANPUR – DG KHAN N-55 HIGHWAY SECTION (121.5 KM) AND DG KHAN –
DI KHAN N-55 HIGHWAY SECTION (208.0 KM) FROM TWO-LANE TO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

➤ **LOT-2: JAMPUR – DG KHAN SECTION (64.0 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-2
(Km 57+500 TO Km 121+500)

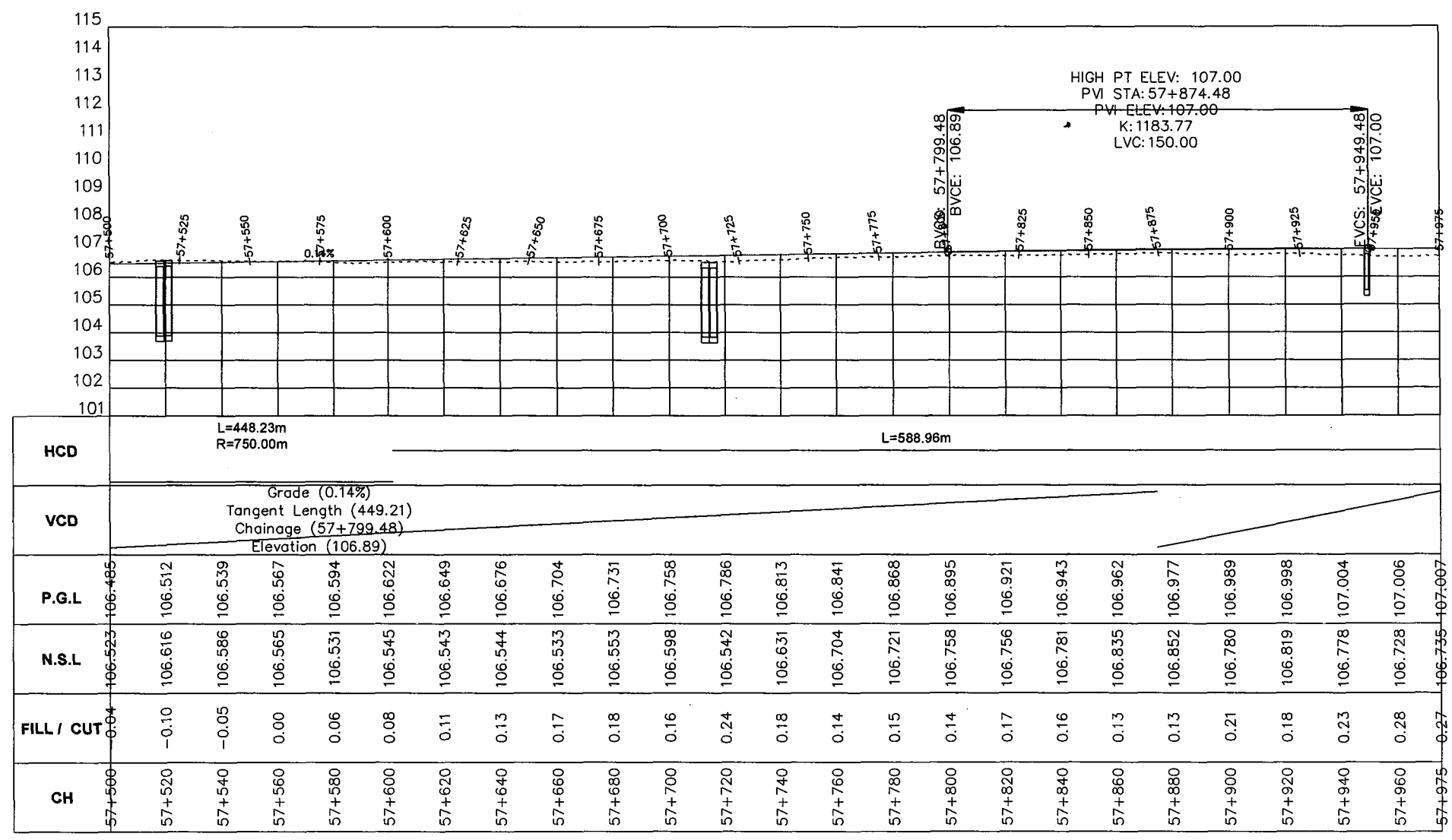
CLIENT:
NATIONAL HIGHWAYS AUTHORITY (NHA)

- 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: 1 OF 98
DRAWN BY: S.M	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024.
APPROVED BY:	REVISION:

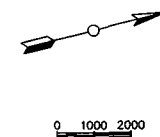
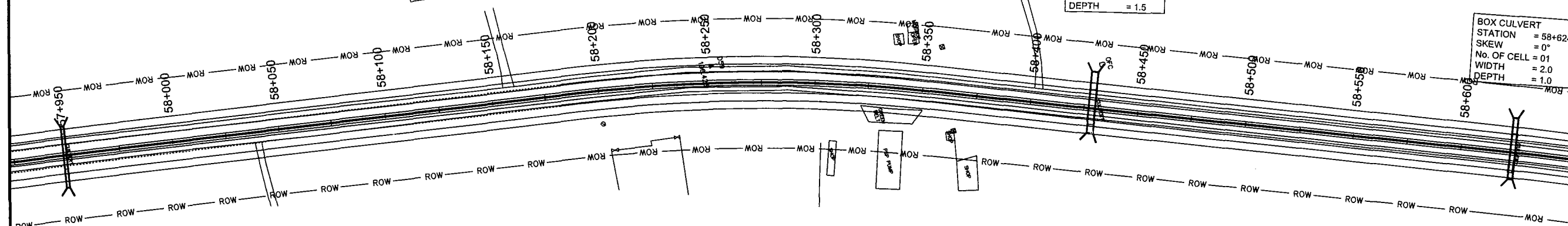
CAD FILE NAME:
CAREC/T-III/TD/007



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

BOX CULVERT
STATION = 58+428
SKEW = 0°
No. OF CELL = 01
WIDTH = 2.5
DEPTH = 1.5

BOX CULVERT
STATION = 58+624
SKEW = 0°
No. OF CELL = 01
WIDTH = 2.0
DEPTH = 1.0



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-2
(Km 57+500 TO Km 121+500)

CLIENT:
NATIONAL HIGHWAYS
AUTHORITY (NHA)

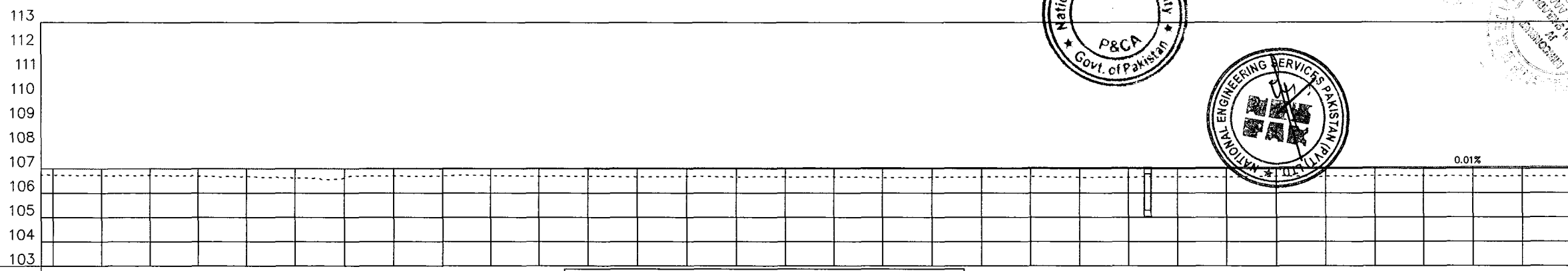
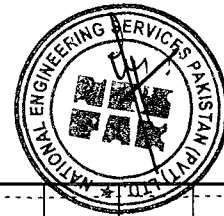
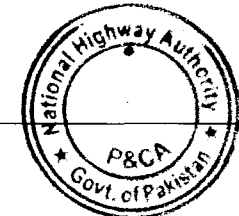
- CONSULTANTS:**
- MINCONSULT SDN BHD
In Joint Venture With
 - SAMAN CORPORATION
 - SHELADIA ASSOCIATES
 - CEC
 - AAA
 - ACE
 - AA
 - ACC

DRAWING TITLE:
PLAN & PROFILE

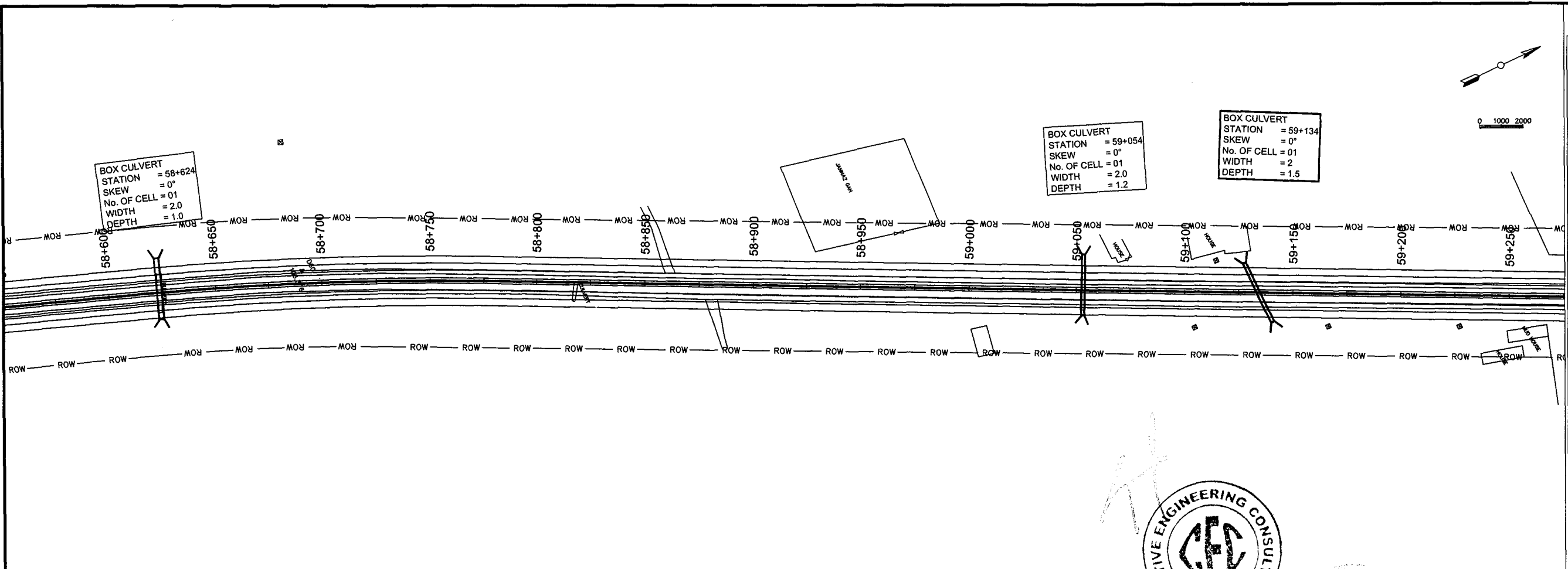
DESIGN BY: S.M	SHEET NO.: 2 OF 98
DRAWN BY: S.M	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024.
APPROVED BY:	REVISION:

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

Alignment – Muhammad Pur Bypass PROFILE



HCD	L=588.96m		L=162.47m R=716.57m		L=265.15m																											
VCD	Grade (0.01%) Tangent Length (1216.71) Chainage (59+166.18) Elevation (107.13)																															
P.G.L	106.735	107.010	107.012	107.014	107.016	107.018	107.020	107.022	107.024	107.026	107.028	107.030	107.032	107.034	107.036	107.038	107.040	107.042	107.044	107.047	107.049	107.051	107.053	107.055	107.057	107.059	107.061	107.063	107.065	107.067	107.069	107.071
N.S.L	106.735	106.738	106.737	106.694	106.684	106.615	106.617	106.703	106.707	106.720	106.682	106.689	106.664	106.681	106.660	106.658	106.665	106.656	106.679	106.639	106.642	106.664	106.651	106.690	106.680	106.683	106.689	106.697	106.697	106.697	106.689	106.697
CH	57+975	58+000	58+020	58+040	58+060	58+080	58+100	58+120	58+140	58+160	58+180	58+200	58+220	58+240	58+260	58+280	58+300	58+320	58+340	58+360	58+380	58+400	58+420	58+440	58+460	58+480	58+500	58+520	58+540	58+560	58+580	58+600



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-2
 (Km 57+500 TO Km 121+500)

CLIENT:
 NATIONAL HIGHWAYS AUTHORITY (NHA)

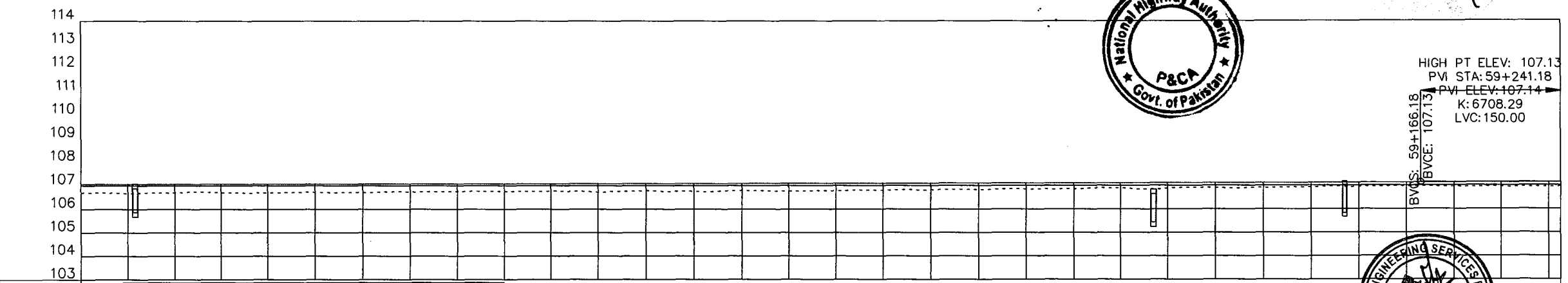
- CONSULTANTS:**
- MINCONSULT. SDN BHD
In Joint Venture With
 - SAMAN CORPORATION
 - SHELADIA ASSOCIATES
 - CEC
 - AAA
 - ACE
 - AA
 - ACC

DRAWING TITLE:
 PLAN & PROFILE

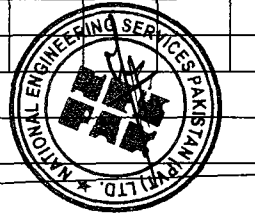
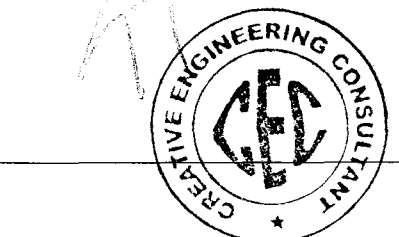
DESIGN BY: S.M	SHEET NO: 3 OF 98
DRAWN BY: S.M	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024.
APPROVED BY:	REVISION:

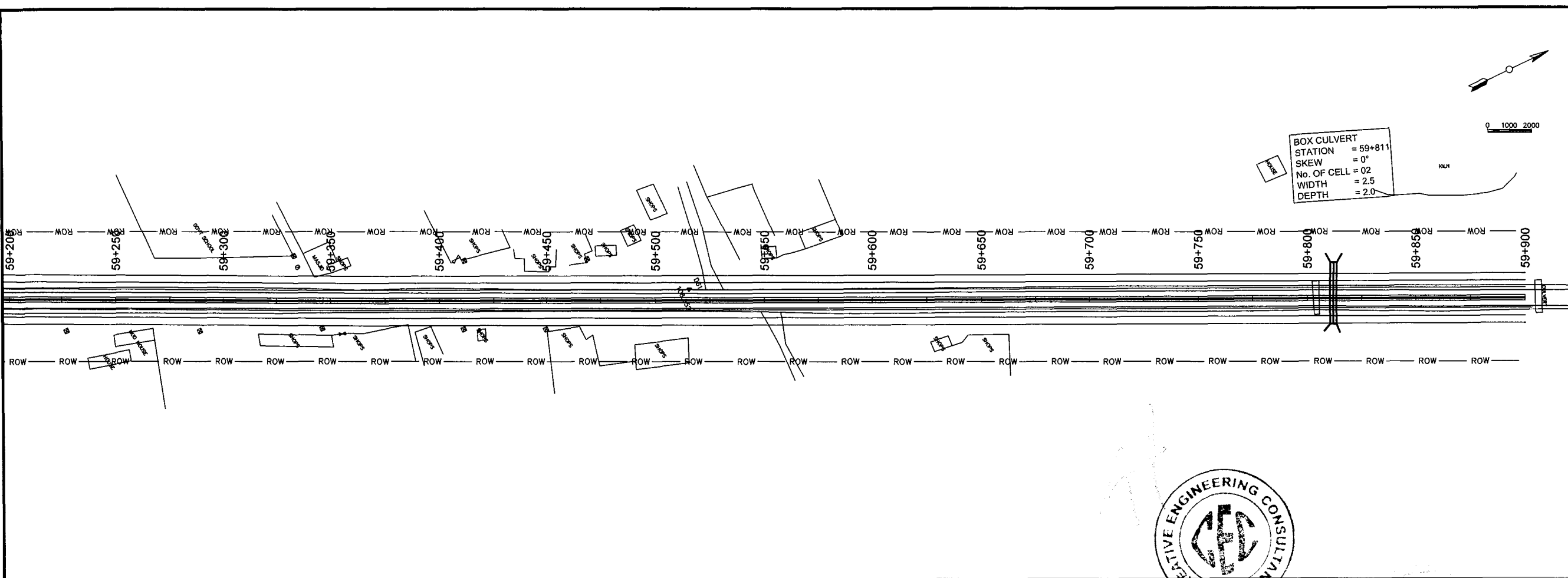
CAD FILE NAME:
 CAREC/T-III/TD/007

Alignment – Muhammad Pur Bypass PROFILE



HCD	L=265.15m	L=161.72m R=1518.39m	L=562.38m
VCD			
P.G.L	106.697	107.073	107.132
N.S.L	106.697	106.666	106.946
CH	58+600	58+620	59+225





BOX CULVERT
 STATION = 59+811
 SKEW = 0°
 No. OF CELL = 02
 WIDTH = 2.5
 DEPTH = 2.0

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-2
 (Km 57+500 TO Km 121+500)

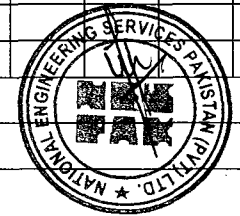
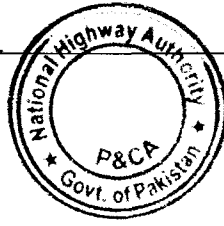
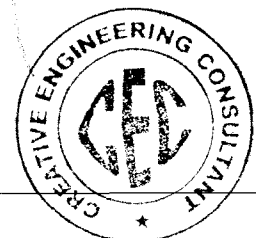
CLIENT:
 NATIONAL HIGHWAYS AUTHORITY (NHA)

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

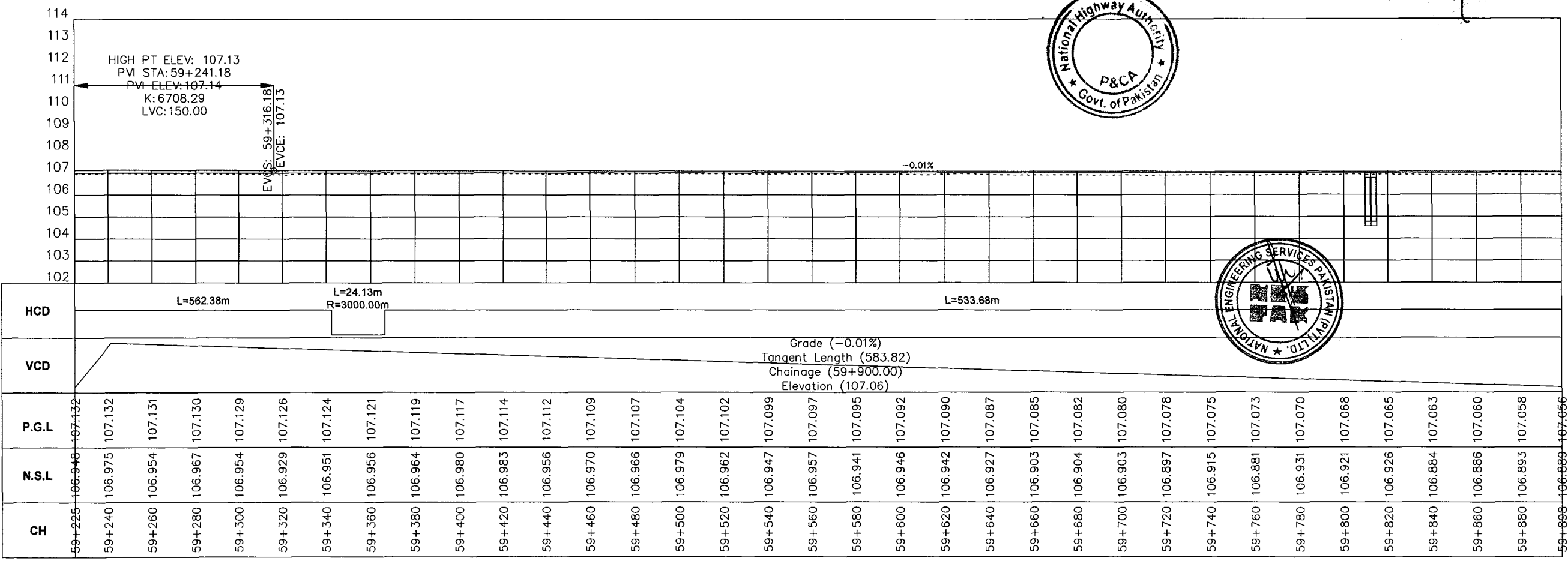
DRAWING TITLE:
 PLAN & PROFILE

DESIGN BY: S.M	SHEET NO: 4 OF 98
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



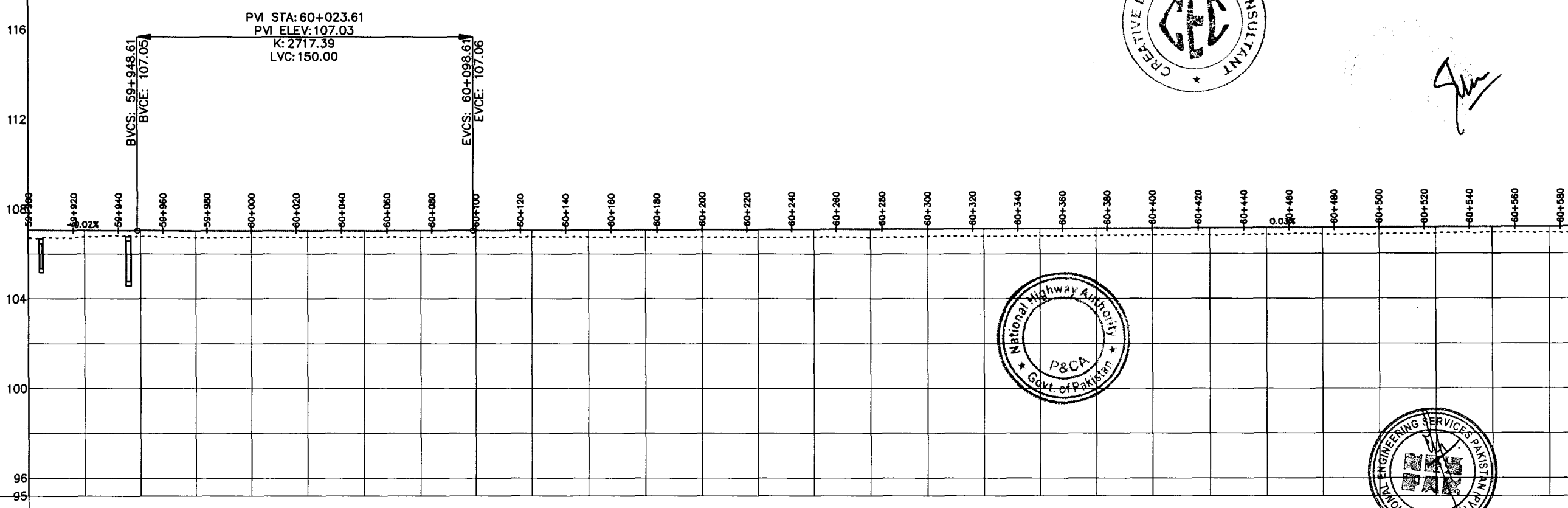
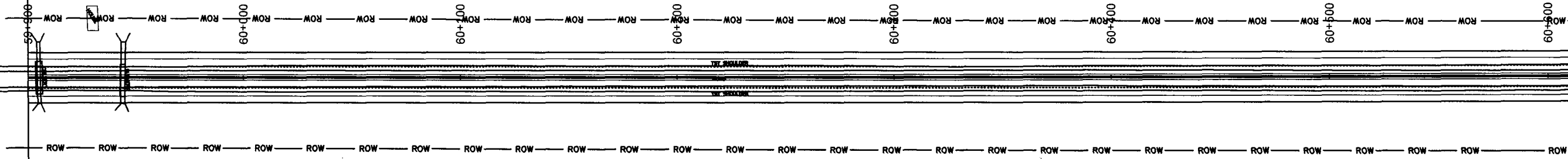
Alignment - Muhammad Pur Bypass PROFILE



Station	59+225	59+240	59+260	59+280	59+300	59+320	59+340	59+360	59+380	59+400	59+420	59+440	59+460	59+480	59+500	59+520	59+540	59+560	59+580	59+600	59+620	59+640	59+660	59+680	59+700	59+720	59+740	59+760	59+780	59+800	59+820	59+840	59+860	59+880	59+898			
HCD	L=562.38m		L=24.13m R=3000.00m		L=533.68m																																	
VCD	Grade (-0.01%) Tangent Length (583.82) Chainage (59+900.00) Elevation (107.06)																																					
P.G.L	107.132	107.132	107.131	107.130	107.129	107.126	107.124	107.121	107.119	107.117	107.114	107.112	107.109	107.107	107.104	107.102	107.099	107.097	107.095	107.092	107.090	107.087	107.085	107.082	107.080	107.078	107.075	107.073	107.070	107.068	107.065	107.063	107.060	107.058	107.056			
N.S.L	106.948	106.975	106.954	106.967	106.954	106.929	106.951	106.956	106.964	106.980	106.983	106.956	106.970	106.966	106.979	106.962	106.947	106.957	106.941	106.946	106.942	106.927	106.903	106.904	106.903	106.897	106.915	106.881	106.931	106.921	106.926	106.884	106.886	106.893	106.889			
CH	59+225	59+240	59+260	59+280	59+300	59+320	59+340	59+360	59+380	59+400	59+420	59+440	59+460	59+480	59+500	59+520	59+540	59+560	59+580	59+600	59+620	59+640	59+660	59+680	59+700	59+720	59+740	59+760	59+780	59+800	59+820	59+840	59+860	59+880	59+898			

BOX CULVERT
STATION = 59+914
SKEW = 2°
No. OF CELL = 01
WIDTH = 1.2
DEPTH = 1.1

BOX CULVERT
STATION = 59+953
SKEW = 0°
No. OF CELL = 01
WIDTH = 2.0
DEPTH = 1.8



Station	CH	N.S.L	P.G.L	VCD	HCD
59+900	106.673	107.660			
59+925	106.752	107.054			
59+950	106.774	107.049			
59+975	106.726	107.044			
60+000	106.729	107.042			
60+025	106.742	107.042			
60+050	106.742	107.045			
60+075	106.735	107.049			
60+100	106.755	107.056			
60+125	106.763	107.064			
60+150	106.758	107.073			
60+175	106.744	107.081			
60+200	106.760	107.089			
60+225	106.745	107.097			
60+250	106.764	107.105			
60+275	106.722	107.113			
60+300	106.771	107.121			
60+325	106.776	107.129			
60+350	106.804	107.137			
60+375	106.813	107.145			
60+400	106.824	107.153			
60+425	106.834	107.161			
60+450	106.849	107.169			
60+475	106.854	107.178			
60+500	106.847	107.186			
60+525	106.906	107.194			
60+550	106.941	107.202			
60+575	106.949	107.210			

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-2 (Km 57+500 TO Km 121+500)

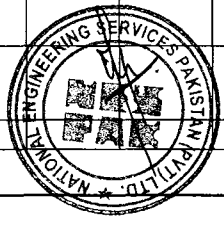
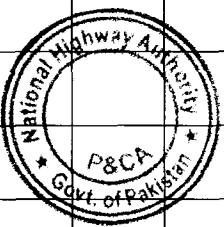
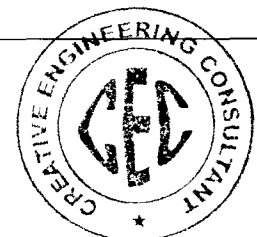
CLIENT:
NATIONAL HIGHWAYS AUTHORITY (NHA)

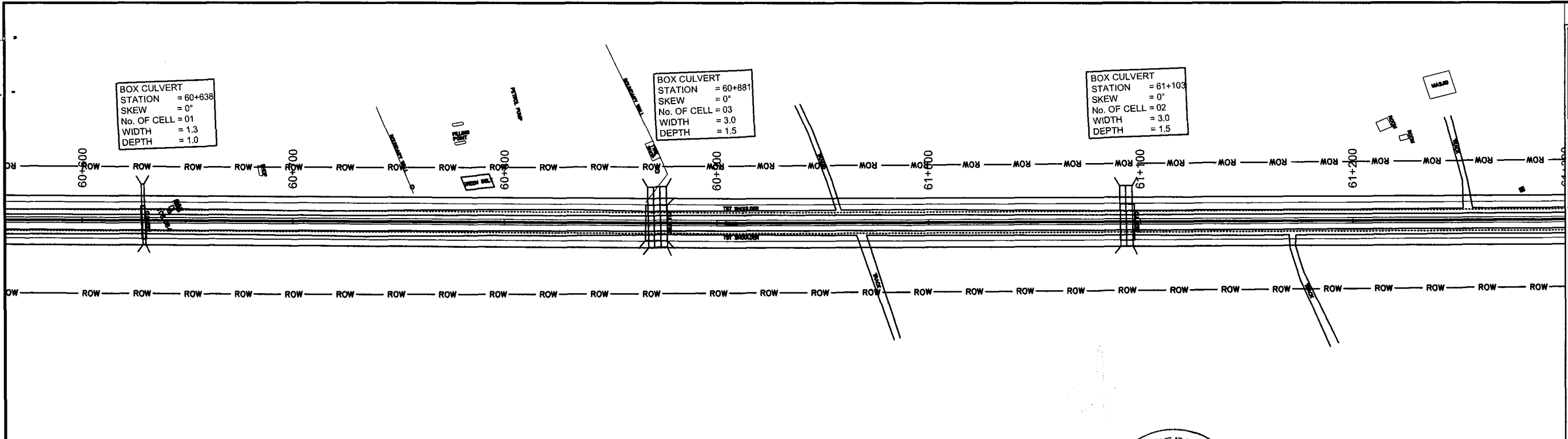
CONSULTANTS:

DRAWING TITLE:
PLAN & PROFILE
59+900.00 - 60+587.42

DESIGN BY:	SHEET NO:
A.S	5 OF 98
DRAWN BY:	SCALE:
S.A	H = 1:2000 V = 1:100
CHECKED BY:	DATE:
A.S	APRIL, 2024.
APPROVED BY:	REVISION:

CAD FILE NAME:
CAREC/T-III/TD/008

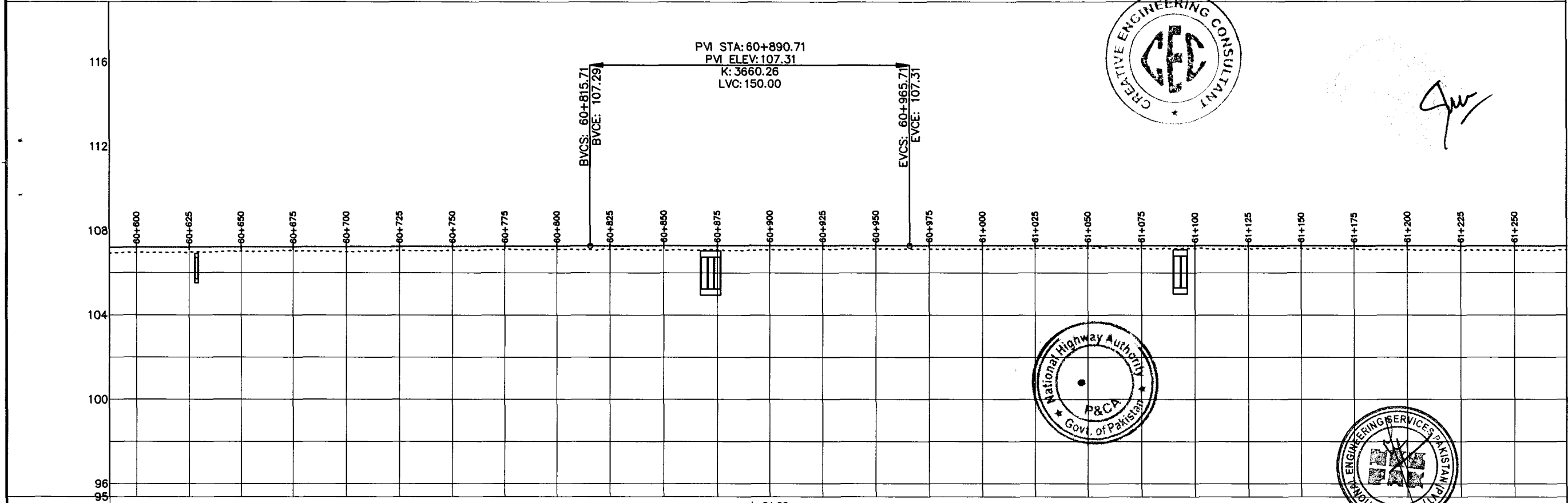




BOX CULVERT
STATION = 60+638
SKEW = 0°
No. OF CELL = 01
WIDTH = 1.3
DEPTH = 1.0

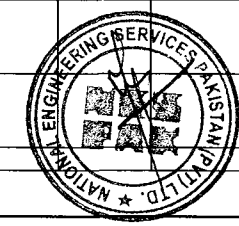
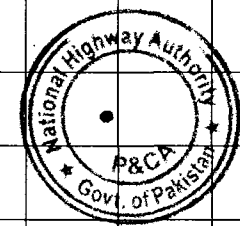
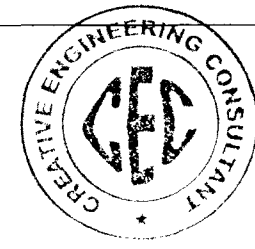
BOX CULVERT
STATION = 60+881
SKEW = 0°
No. OF CELL = 03
WIDTH = 3.0
DEPTH = 1.5

BOX CULVERT
STATION = 61+103
SKEW = 0°
No. OF CELL = 02
WIDTH = 3.0
DEPTH = 1.5



Station	CH	N.S.L	P.G.L	VCD	HCD
60+587	106.937	107.214			
60+600	106.969	107.218			
60+625	106.965	107.226			
60+650	107.033	107.234			
60+675	107.038	107.242			
60+700	107.004	107.250			
60+725	107.065	107.258			
60+750	107.092	107.266			
60+775	107.119	107.274			
60+800	107.118	107.283			
60+825	107.118	107.291			
60+850	107.082	107.297			
60+875	107.120	107.302			
60+900	107.117	107.305			
60+925	107.135	107.307			
60+950	107.162	107.306			
60+975	107.137	107.305			
61+000	107.139	107.302			
61+025	107.177	107.300			
61+050	107.184	107.298			
61+075	107.170	107.296			
61+100	107.163	107.294			
61+125	107.143	107.292			
61+150	107.160	107.289			
61+175	107.149	107.287			
61+200	107.107	107.285			
61+225	107.088	107.283			
61+250	107.073	107.281			

Grade (-0.01%)
Tangent Length (435.52)
Chainage (61+401.22)
Elevation (107.27)



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-2 (Km 57+500 TO Km 121+500)

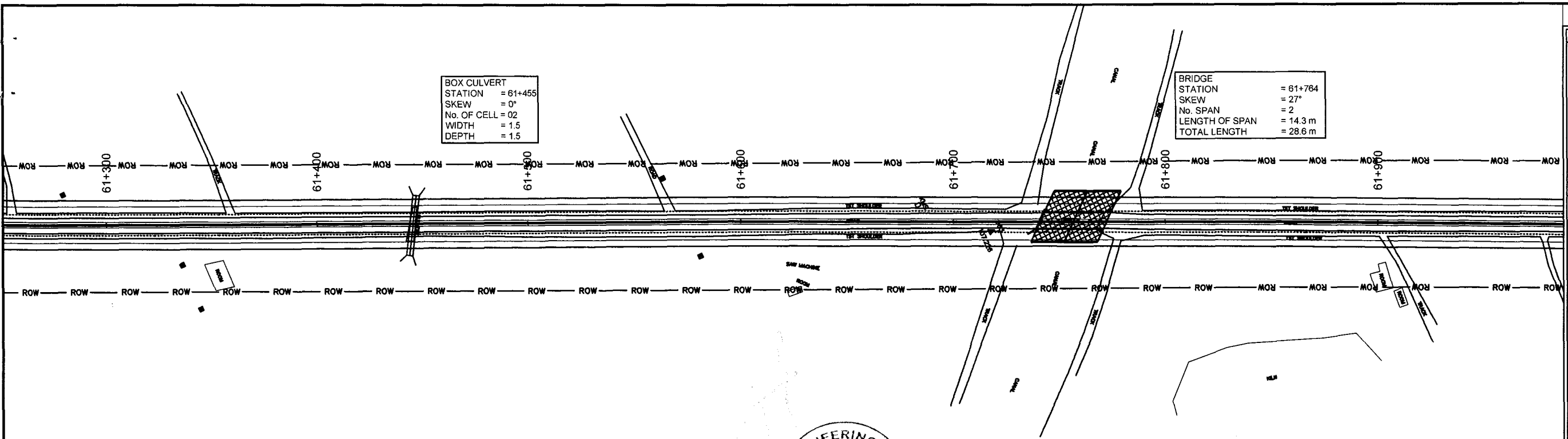
CLIENT:
NATIONAL HIGHWAYS AUTHORITY (NHA)

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

DRAWING TITLE:
PLAN & PROFILE
60+587.42 - 61+274.85

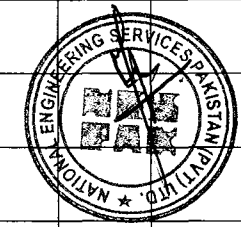
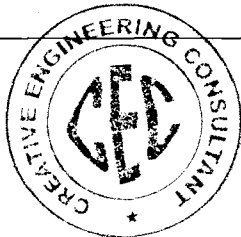
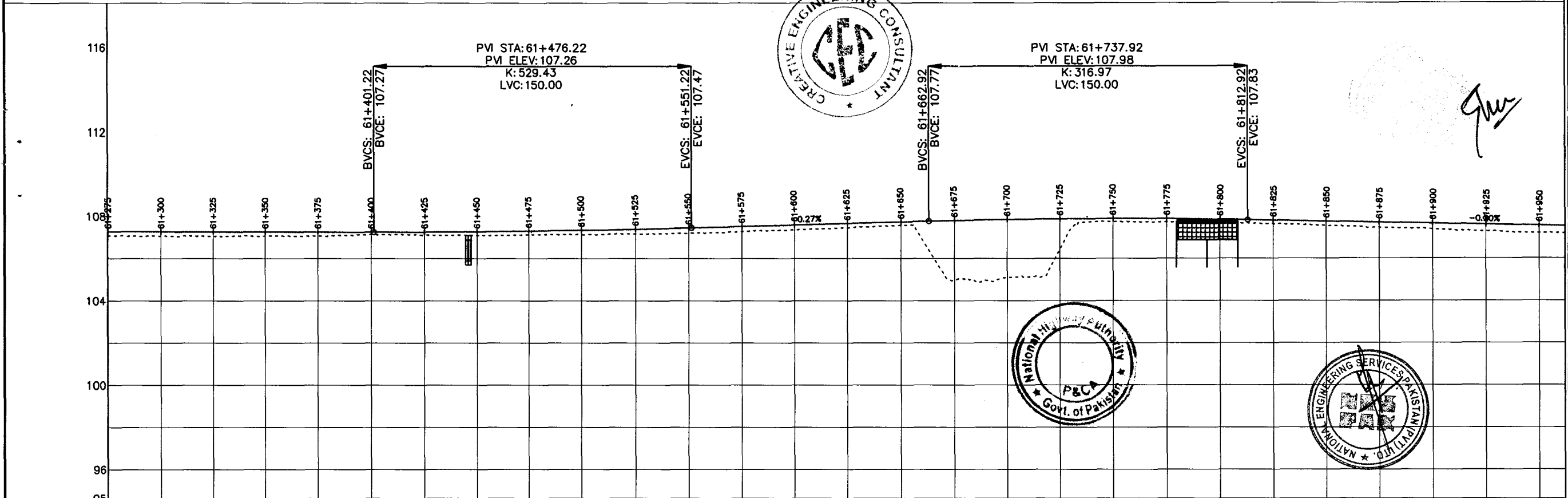
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A.S	6 OF 98
DRAWN BY:	SCALE:
S.A	H = 1:2000 V = 1:100
CHECKED BY:	DATE:
A.S	APRIL, 2024.
APPROVED BY:	REVISION:

CAD FILE NAME:
CAREC/T-III/TD/008



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-2
 (Km 57+500 TO Km 121+500)

CLIENT:
 NATIONAL HIGHWAYS AUTHORITY (NHA)

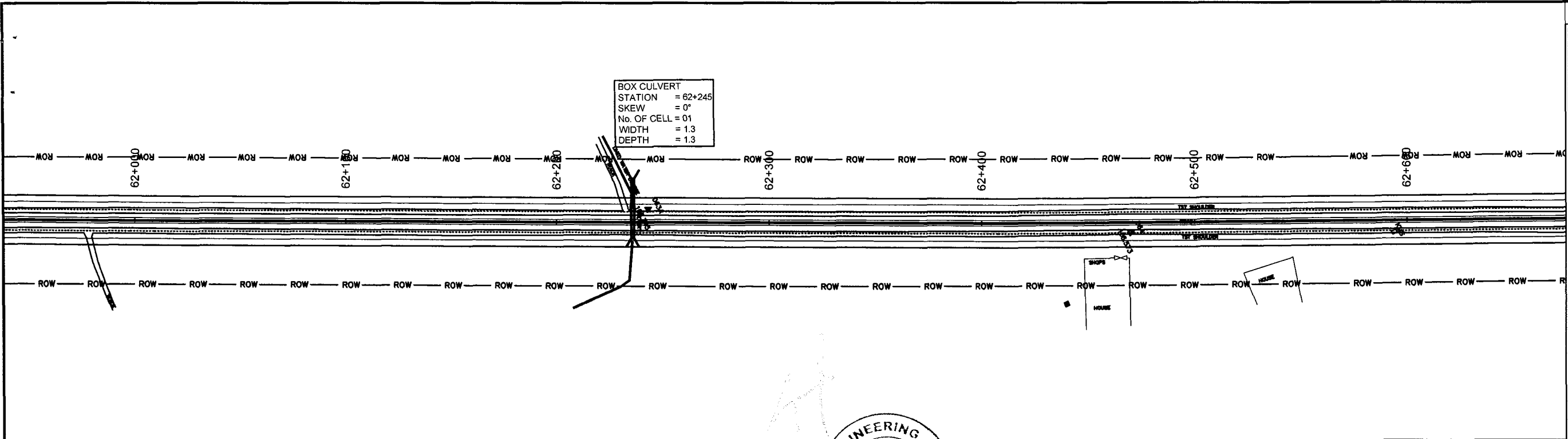
- CONSULTANTS:**
- MINCONSULT. SDN BHD
In Joint Venture With
 - SAMAN CORPORATION
 - SHELADIA ASSOCIATES
 - CEC
 - AAA
 - ACE
 - AA
 - ACC

HCD	L=409.75m	L=31.27m R=4962.91m	L=237.49m	L=26.37m R=2994.97m	L=226.18m	L=22.30m R=2500.00m	L=131.85m																					
VCD	Grade (0.27%) Tangent Length (111.69) Chainage (61+662.92) Elevation (107.77)				Grade (-0.20%) Tangent Length (222.62) Chainage (62+035.53) Elevation (107.39)																							
P.G.L	107.279	107.276	107.274	107.272	107.270	107.268	107.271	107.286	107.313	107.351	107.402	107.464	107.532	107.601	107.670	107.738	107.805	107.854	107.884	107.893	107.884	107.854	107.807	107.757	107.708	107.658	107.608	107.559
N.S.L	107.062	107.073	107.066	107.067	107.084	107.155	107.120	107.099	107.147	107.149	107.184	107.216	107.288	107.370	107.462	107.558	104.966	105.102	106.447	107.745	107.734	107.694	107.637	107.546	107.469	107.393	107.283	107.205
CH	61+275	61+300	61+325	61+350	61+375	61+400	61+425	61+450	61+475	61+500	61+525	61+550	61+575	61+600	61+625	61+650	61+675	61+700	61+725	61+750	61+775	61+800	61+825	61+850	61+875	61+900	61+925	61+950

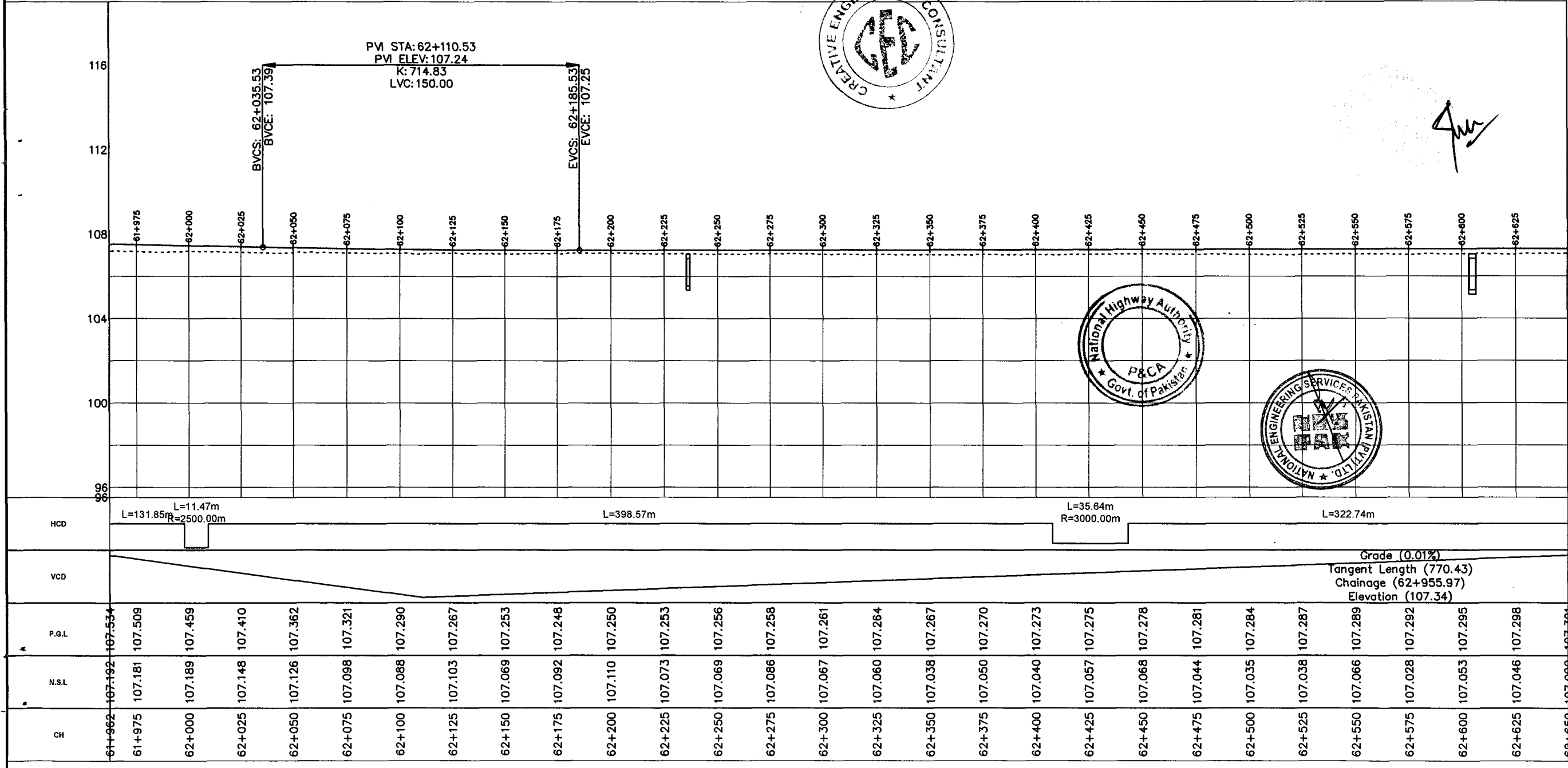
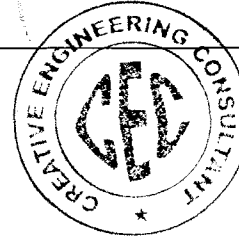
DRAWING TITLE:
 PLAN & PROFILE
 61+274.85 - 61+962.27

DESIGN BY: A.S	SHEET NO: 7 OF 98
DRAWN BY: S.A	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024.
APPROVED BY:	REVISION:

CAD FILE NAME:
 CAREC/T-III/TD/008



BOX CULVERT
 STATION = 62+245
 SKEW = 0°
 No. OF CELL = 01
 WIDTH = 1.3
 DEPTH = 1.3



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-2
 (Km 57+500 TO Km 121+500)

CLIENT:
 NATIONAL HIGHWAYS AUTHORITY (NHA)

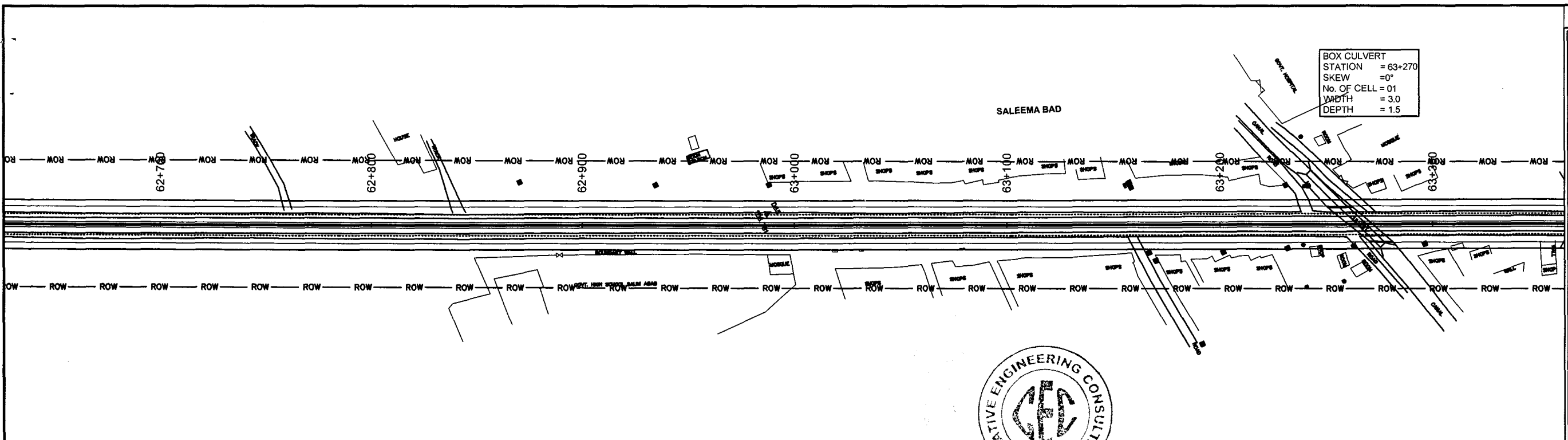
CONSULTANTS:

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

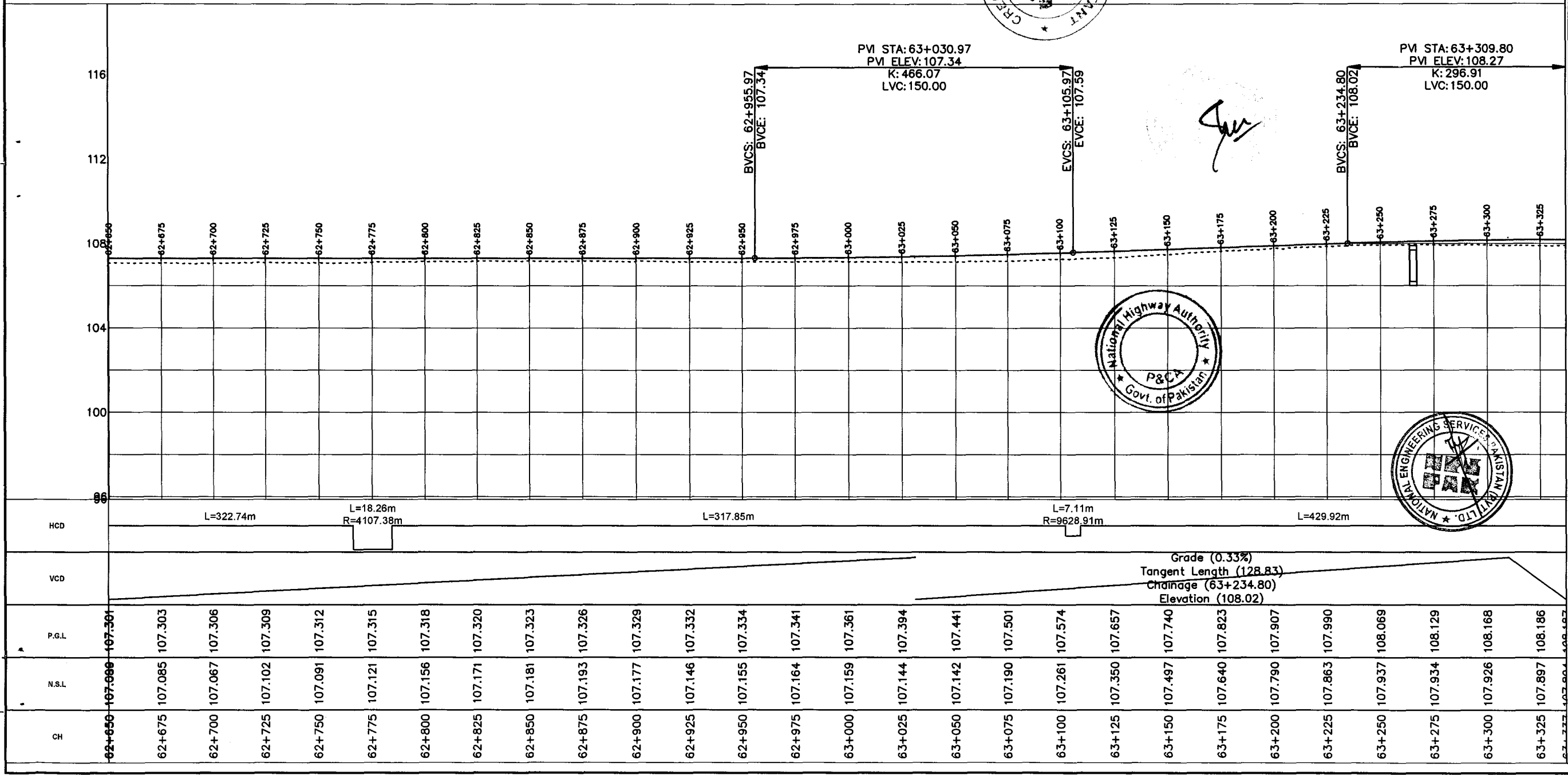
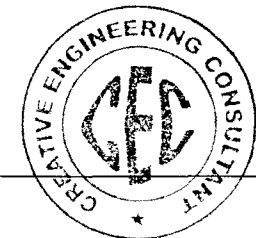
DRAWING TITLE:
 PLAN & PROFILE
 61+962.27 - 62+649.69

DESIGN BY: A.S	SHEET NO: 8 OF 98
DRAWN BY: S.A	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024.
APPROVED BY:	REVISION:

CAD FILE NAME:
 CAREC/T-III/TD/008



BOX CULVERT
 STATION = 63+270
 SKEW = 0°
 No. OF CELL = 01
 WIDTH = 3.0
 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-2 (Km 57+500 TO Km 121+500)

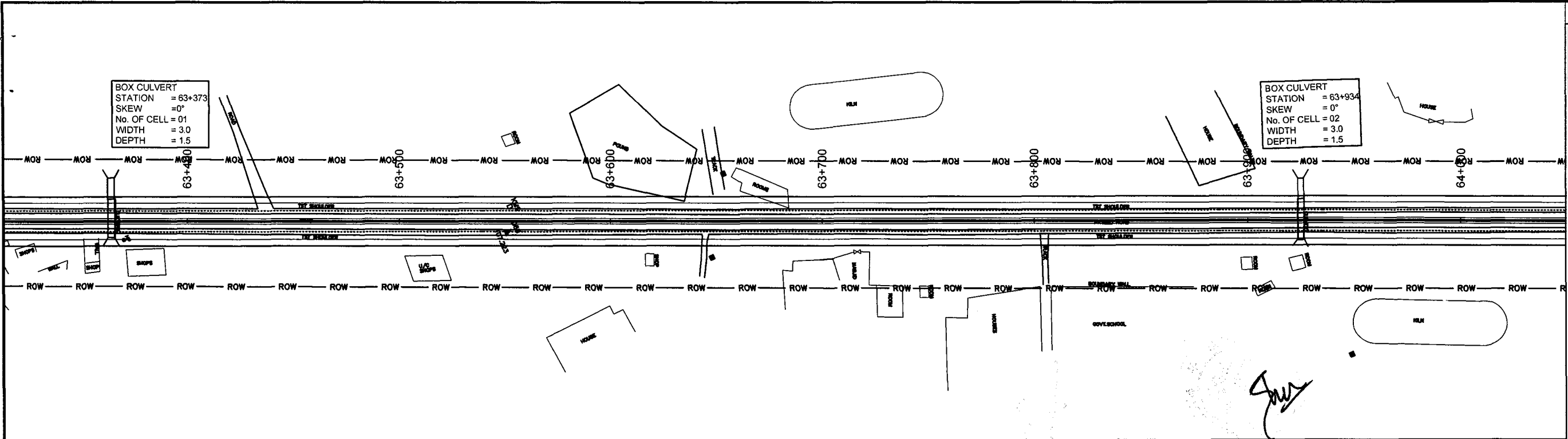
CLIENT:
 NATIONAL HIGHWAYS AUTHORITY (NHA)

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

DRAWING TITLE:
 PLAN & PROFILE
 62+649.89 - 63+337.12

DESIGN BY:	SHEET NO:
A S	9 OF 98
DRAWN BY:	SCALE:
SA	H = 1:2000 V = 1:100
CHECKED BY:	DATE:
A S	APRIL, 2024.
APPROVED BY:	REVISION:

CAD FILE NAME:
 CAREC/T-III/TD/008

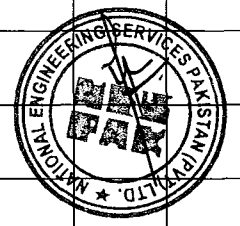
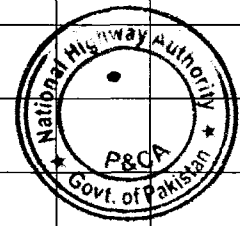
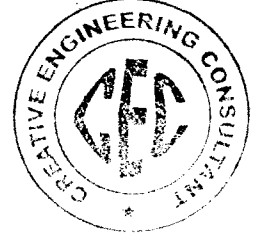
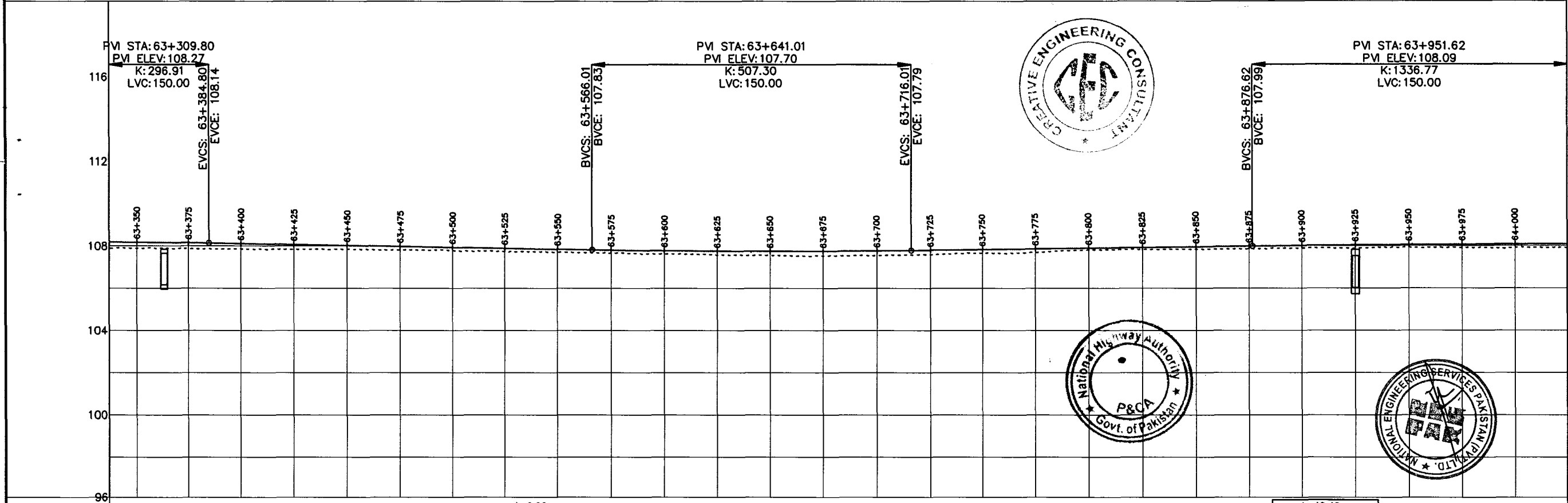


BOX CULVERT
 STATION = 63+375
 SKEW = 0°
 No. OF CELL = 01
 WIDTH = 3.0
 DEPTH = 1.5

BOX CULVERT
 STATION = 63+934
 SKEW = 0°
 No. OF CELL = 02
 WIDTH = 3.0
 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-2
 (Km 57+500 TO Km 121+500)

CLIENT:
 NATIONAL HIGHWAYS
 AUTHORITY (NHA)

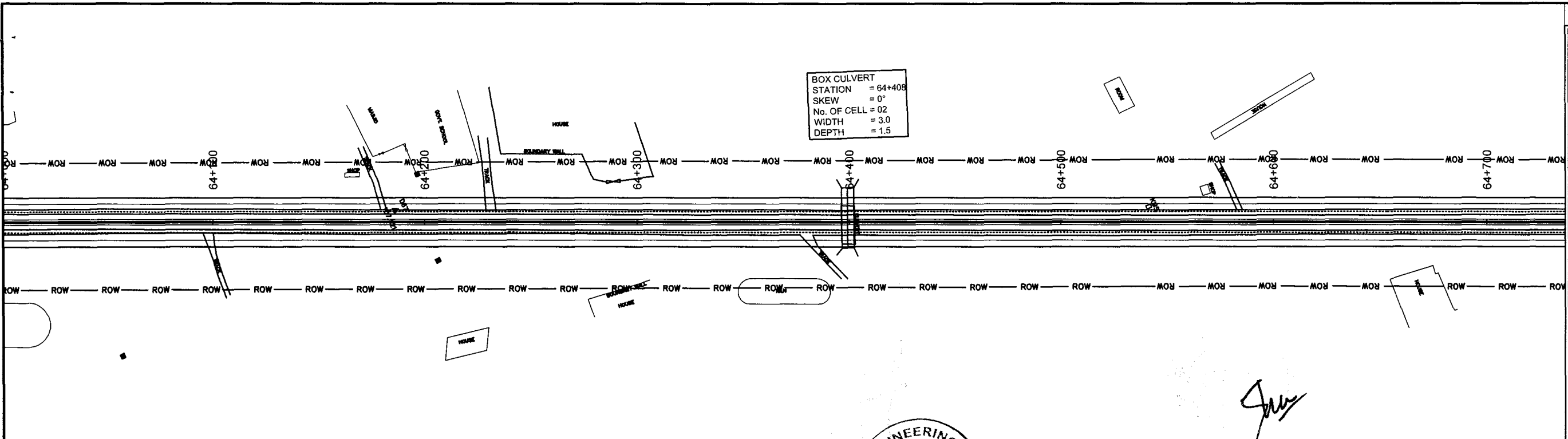
- CONSULTANTS:**
- MINCONSULT SDN BHD
In Joint Venture With
 - SAMAN CORPORATION
 - SHELADIA ASSOCIATES
 - CEC
 - AAA
 - ACE
 - AA
 - ACC

DRAWING TITLE:
 PLAN & PROFILE
 63+337.12 - 64+024.54

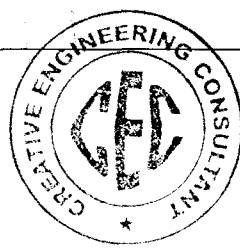
DESIGN BY: A.S	SHEET NO: 10 OF 98
DRAWN BY: S.A	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024.
APPROVED BY:	REVISION:

Station	HCD	VCD	Grade	Tangent Length	Chainage	Elevation
63+337	107.894	108.187	-0.17%	181.21	63+566.01	107.83
63+350	107.895	108.183				
63+375	107.879	108.158				
63+400	107.867	108.117				
63+425	107.856	108.074				
63+450	107.857	108.031				
63+475	107.822	107.988				
63+500	107.790	107.945				
63+525	107.743	107.902				
63+550	107.699	107.859				
63+575	107.673	107.817				
63+600	107.627	107.784				
63+625	107.576	107.764				
63+650	107.566	107.756				
63+675	107.543	107.761				
63+700	107.563	107.778				
63+725	107.595	107.806				
63+750	107.664	107.837				
63+775	107.687	107.868	0.12%	160.61	63+876.62	107.99
63+800	107.813	107.899				
63+825	107.841	107.930				
63+850	107.846	107.961				
63+875	107.866	107.991				
63+900	107.905	108.020				
63+925	107.895	108.044				
63+950	107.928	108.064				
63+975	107.920	108.079				
64+000	107.935	108.089				

CAD FILE NAME:
 CAREC/T-III/TD/008



BOX CULVERT
 STATION = 64+400
 SKEW = 0°
 No. OF CELL = 02
 WIDTH = 3.0
 DEPTH = 1.5

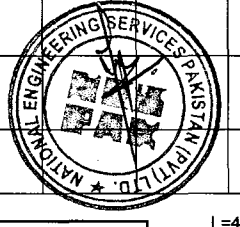
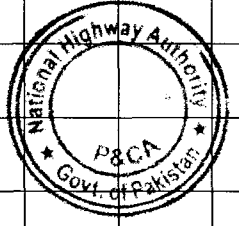


PVI STA: 63+951.62
 PVI ELEV: 108.09
 K: 1398.77
 LVC: 108.00

PVI STA: 64+567.40
 PVI ELEV: 108.16
 K: 2188.48
 LVC: 150.00



Station	64+090	64+075	64+100	64+125	64+150	64+175	64+200	64+225	64+250	64+275	64+300	64+325	64+350	64+375	64+400	64+425	64+450	64+475	64+500	64+525	64+550	64+575	64+600	64+625	64+650	64+675	64+700			
HCD																L=277.04m	L=27.36m R=16921.68m	L=304.19m	L=108.92m R=38181.65m	L=415.29m										
VCD	Grade (0.01%) Tangent Length (465.77) Chainage (64+492.40) Elevation (108.15)																													
P.G.L	108.994	108.997	108.100	108.103	108.106	108.109	108.111	108.114	108.117	108.120	108.123	108.126	108.129	108.131	108.134	108.137	108.140	108.143	108.146	108.148	108.149	108.147	108.141	108.133	108.122	108.109	108.095	108.080		
N.S.L	107.985	107.906	107.905	107.925	107.895	107.884	107.906	107.906	107.902	107.886	107.915	107.935	107.916	107.914	107.909	107.941	107.929	107.941	107.953	107.968	107.958	107.983	108.002	108.011	107.969	107.951	107.963	107.962		
CH	64+025	64+050	64+075	64+100	64+125	64+150	64+175	64+200	64+225	64+250	64+275	64+300	64+325	64+350	64+375	64+400	64+425	64+450	64+475	64+500	64+525	64+550	64+575	64+600	64+625	64+650	64+675	64+700		



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-2
 (Km 57+500 TO Km 121+500)

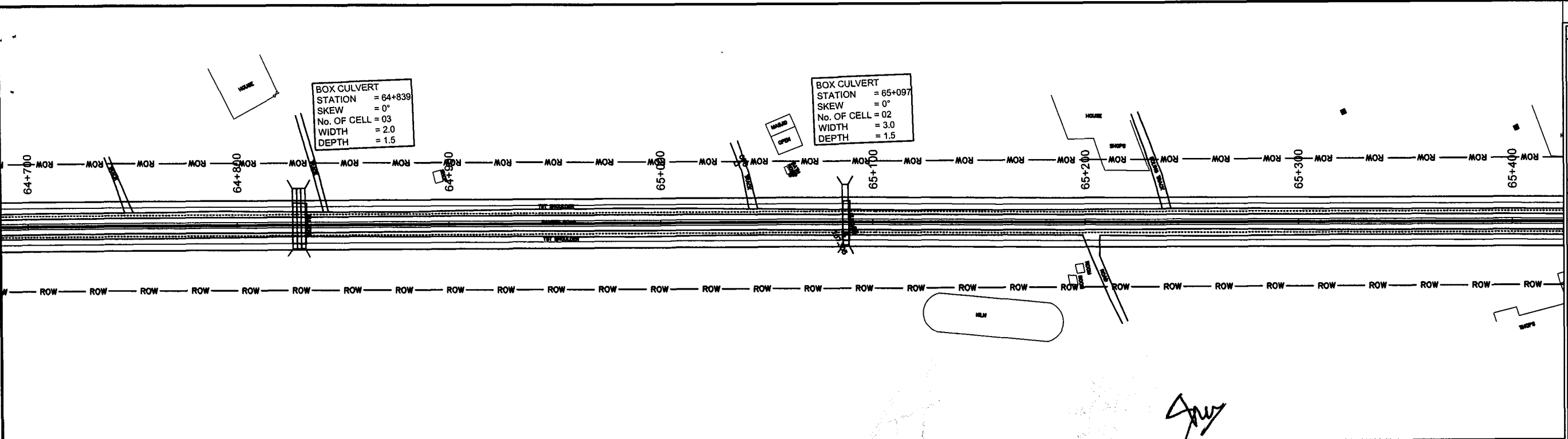
CLIENT:
 NATIONAL HIGHWAYS
 AUTHORITY (NHA)

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

DRAWING TITLE:
 PLAN & PROFILE
 64+024.54 - 64+711.96

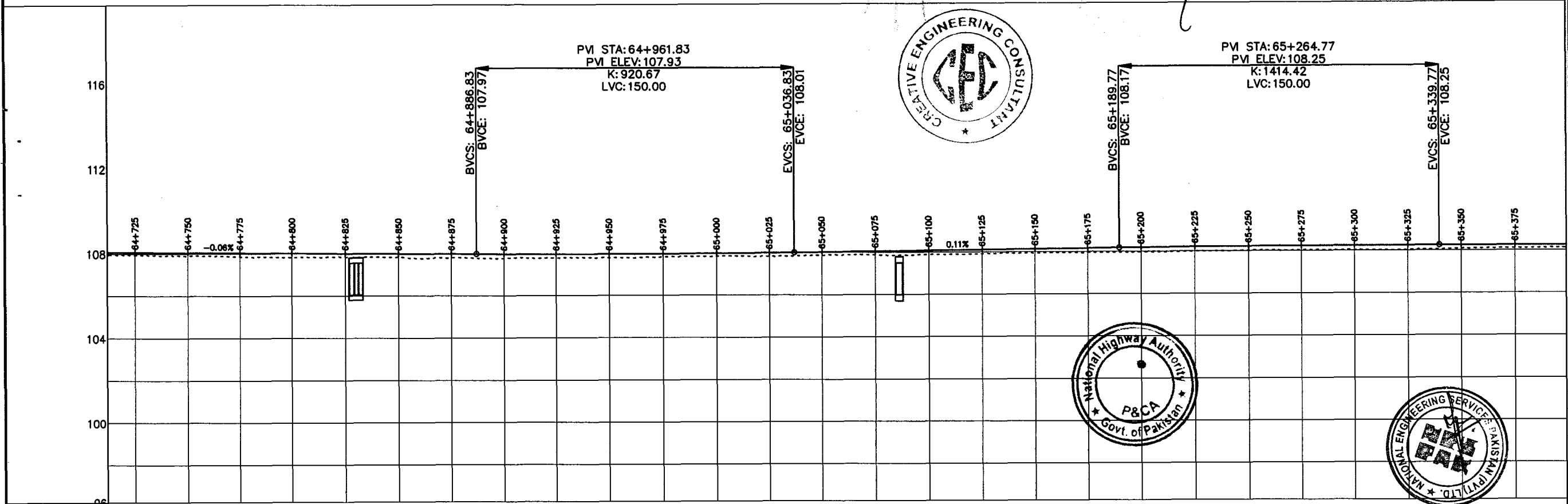
DESIGN BY: A.S	SHEET NO: 11 OF 98
DRAWN BY: S.A	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024.
APPROVED BY:	REVISION:

CAD FILE NAME:
 CAREC/T-III/TD/008



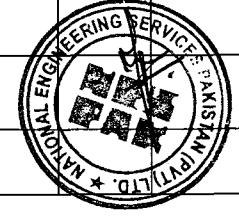
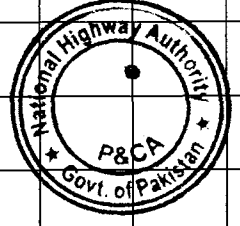
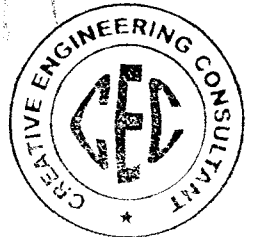
BOX CULVERT
STATION = 64+839
SKEW = 0°
No. OF CELL = 03
WIDTH = 2.0
DEPTH = 1.5

BOX CULVERT
STATION = 65+097
SKEW = 0°
No. OF CELL = 02
WIDTH = 3.0
DEPTH = 1.5



PVI STA: 64+961.83
PVI ELEV: 107.93
K: 920.67
LVC: 150.00

PVI STA: 65+264.77
PVI ELEV: 108.25
K: 1414.42
LVC: 150.00



Station	HCD	VCD	P.G.L	N.S.L	SH
64+725			108.066	107.936	64+725
64+750			108.052	107.920	64+750
64+775			108.037	107.856	64+775
64+800			108.023	107.820	64+800
64+825			108.009	107.837	64+825
64+850			107.994	107.826	64+850
64+875			107.980	107.801	64+875
64+900			107.967	107.767	64+900
64+925			107.960	107.781	64+925
64+950			107.959	107.775	64+950
64+975			107.965	107.818	64+975
65+000			107.978	107.825	65+000
65+025			107.998	107.836	65+025
65+050			108.024	107.860	65+050
65+075			108.050	107.875	65+075
65+100			108.077	107.878	65+100
65+125			108.103	107.903	65+125
65+150			108.130	107.925	65+150
65+175			108.156	107.944	65+175
65+200			108.182	107.972	65+200
65+225			108.204	107.990	65+225
65+250			108.222	108.023	65+250
65+275			108.236	108.019	65+275
65+300			108.245	108.030	65+300
65+325			108.250	108.033	65+325
65+350			108.251	108.075	65+350
65+375			108.251	108.095	65+375

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-2 (Km 57+500 TO Km 121+500)

CLIENT:
NATIONAL HIGHWAYS AUTHORITY (NHA)

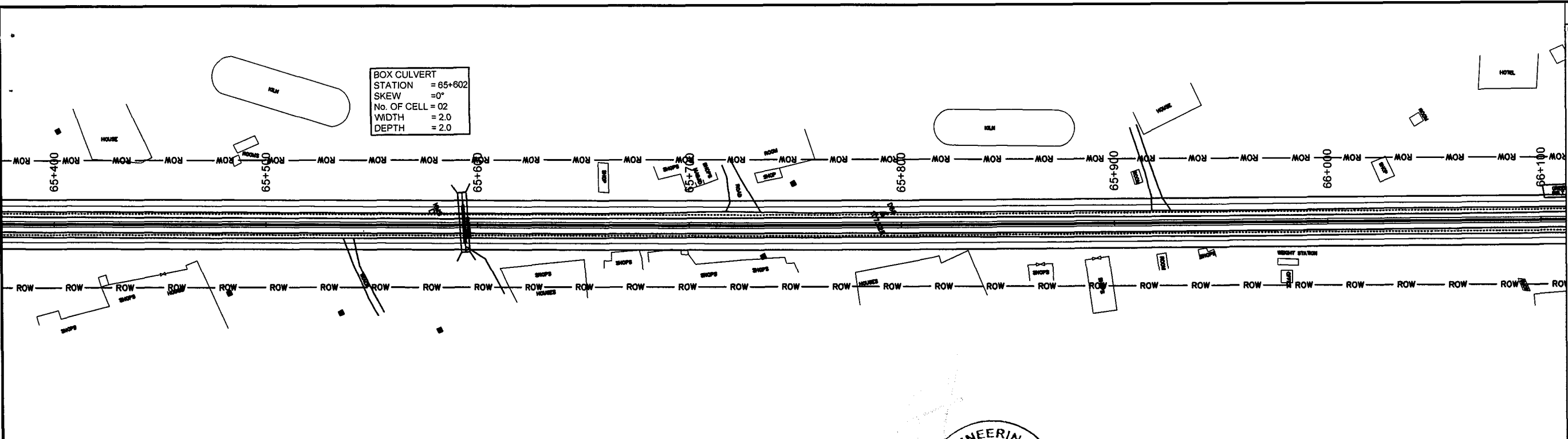
CONSULTANTS:

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

DRAWING TITLE:
PLAN & PROFILE
64+711.96 - 65+399.38

DESIGN BY: A.S	SHEET NO.: 12 OF 98
DRAWN BY: S.A	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024.
APPROVED BY:	REVISION:

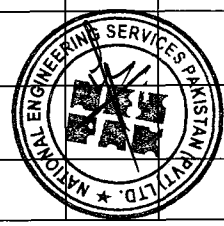
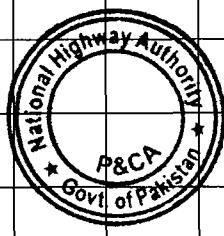
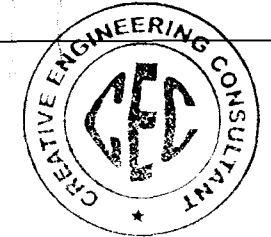
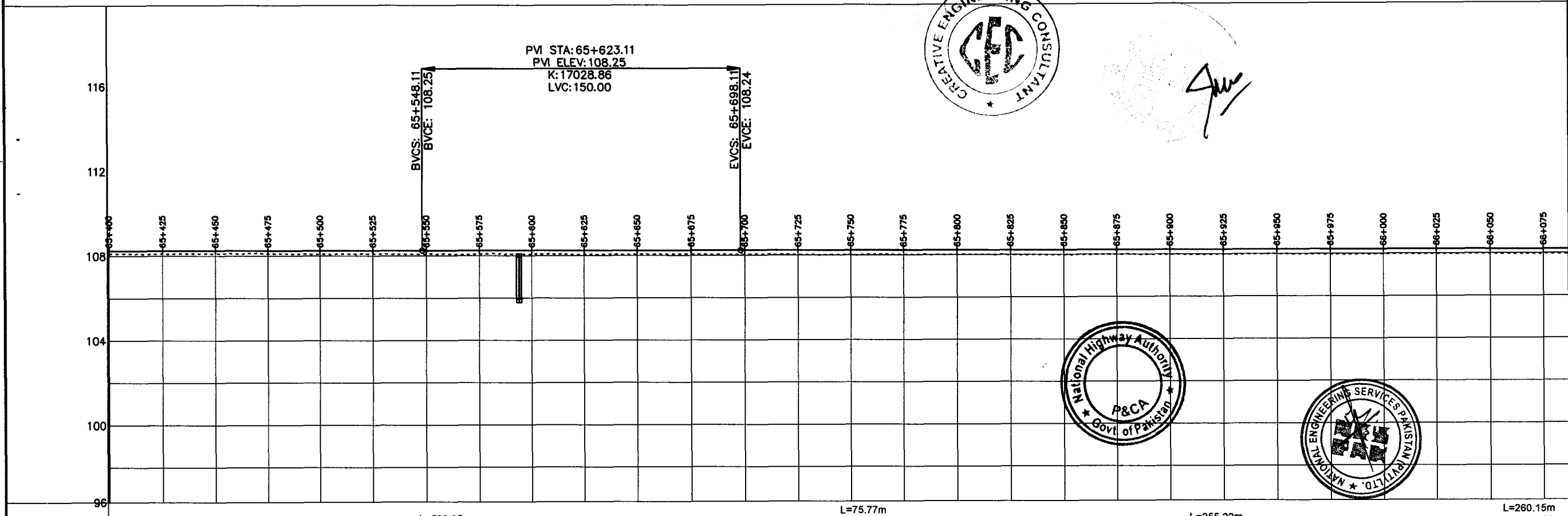
CAD FILE NAME:
CAREC/T-III/TD/008



BOX CULVERT
 STATION = 65+602
 SKEW = 0°
 No. OF CELL = 02
 WIDTH = 2.0
 DEPTH = 2.0

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-2
 (Km 57+500 TO Km 121+500)

CLIENT:
 NATIONAL HIGHWAYS AUTHORITY (NHA)

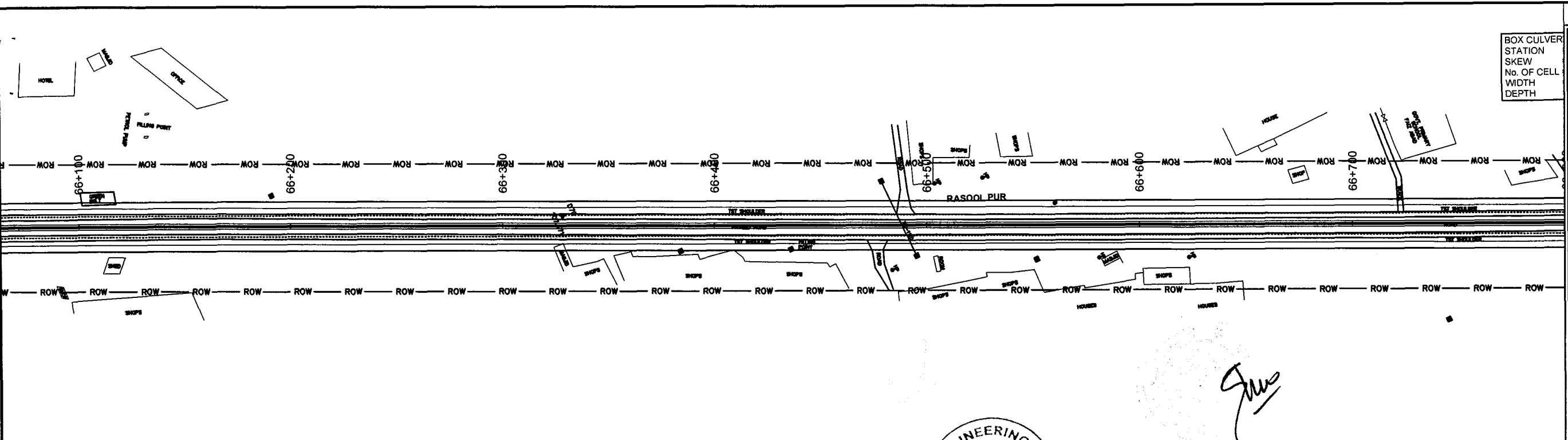
- CONSULTANTS:**
- MINCONSULT SDN BHD
In Joint Venture With
 - SAMAN CORPORATION
 - SHELADIA ASSOCIATES
 - CEC
 - AAA
 - ACE
 - AA
 - ACC

DRAWING TITLE:
 PLAN & PROFILE
 65+399.38 - 66+086.81

DESIGN BY: A.S	SHEET NO: 13 OF 98
DRAWN BY: S.A	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024.
APPROVED BY:	REVISION:

CAD FILE NAME:
 CAREC/T-III/TD/008

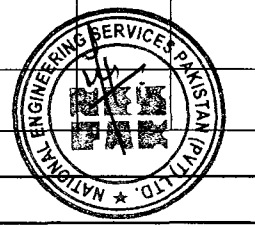
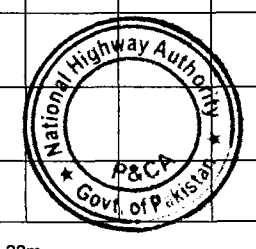
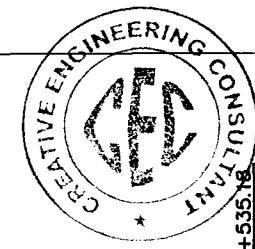
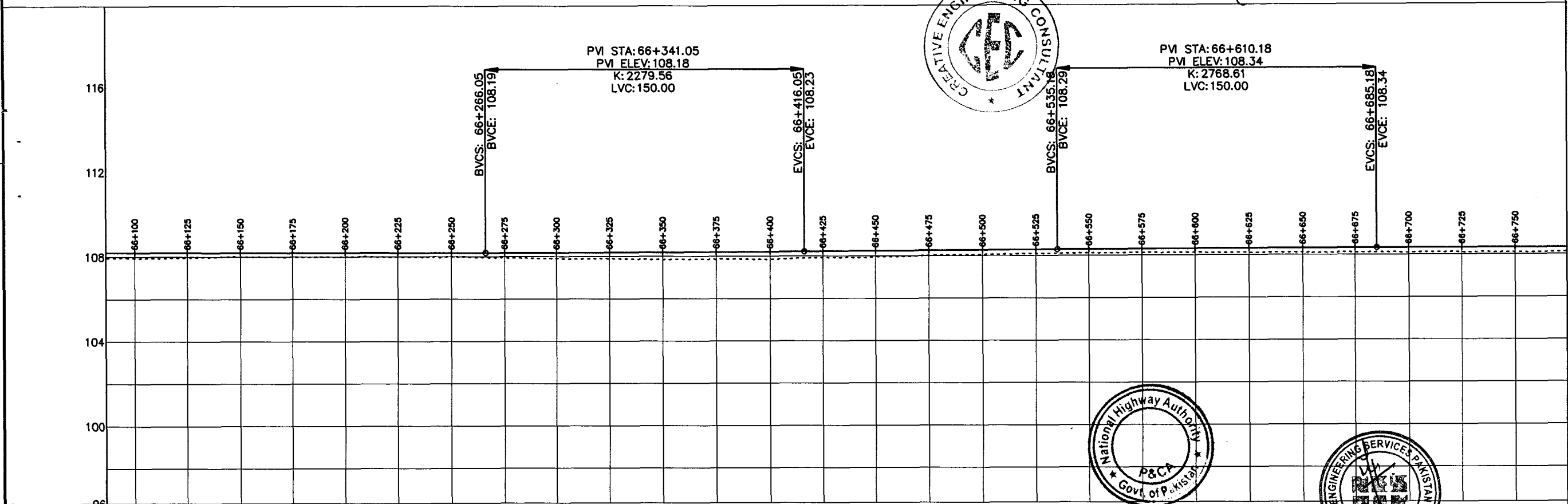
HCD	L=532.65m		L=75.77m R=9543.31m		L=255.22m		L=260.15m R=69308.40m																						
VCD	Grade (-0.00%) Tangent Length (208.34) Chainage (65+548.11) Elevation (108.25)		Grade (-0.01%) Tangent Length (567.95) Chainage (66+266.05) Elevation (108.19)																										
P.G.L	65+400	65+425	65+450	65+475	65+500	65+525	65+550	65+575	65+600	65+625	65+650	65+675	65+700	65+725	65+750	65+775	65+800	65+825	65+850	65+875	65+900	65+925	65+950	65+975	66+000	66+025	66+050	66+075	
N.S.L	108.105	108.114	108.122	108.108	108.086	108.105	108.080	108.085	108.080	108.071	108.063	108.065	108.051	108.034	108.019	108.012	108.021	107.992	107.992	107.992	108.009	107.986	107.985	107.995	107.966	107.975	107.974	107.974	107.966
CH	108.250	108.250	108.250	108.250	108.250	108.250	108.250	108.250	108.249	108.248	108.247	108.245	108.243	108.241	108.238	108.236	108.234	108.231	108.229	108.227	108.225	108.222	108.220	108.218	108.215	108.215	108.211	108.209	



BOX CULVERT
STATION
SKEW
No. OF CELL
WIDTH
DEPTH

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-2
(Km 57+500 TO Km 121+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=260.15m R=50308.19m		L=560.22m																										
VCD	Grade (0.06%) Tangent Length (119.13) Chainage (66+535.18) Elevation (108.29)																												
P.G.L	66+100	66+125	66+150	66+175	66+200	66+225	66+250	66+275	66+300	66+325	66+350	66+375	66+400	66+425	66+450	66+475	66+500	66+525	66+550	66+575	66+600	66+625	66+650	66+675	66+700	66+725	66+750		
N.S.L	107.960	107.930	107.986	108.004	108.202	108.199	108.197	108.195	108.193	108.191	108.191	108.193	108.199	108.207	108.218	108.232	108.246	108.260	108.274	108.289	108.302	108.314	108.324	108.331	108.336	108.338	108.339	108.340	108.340
SI	66+087	66+100	66+125	66+150	66+175	66+200	66+225	66+250	66+275	66+300	66+325	66+350	66+375	66+400	66+425	66+450	66+475	66+500	66+525	66+550	66+575	66+600	66+625	66+650	66+675	66+700	66+725	66+750	

DRAWING TITLE:
PLAN & PROFILE
66+086.81 - 66+774.23

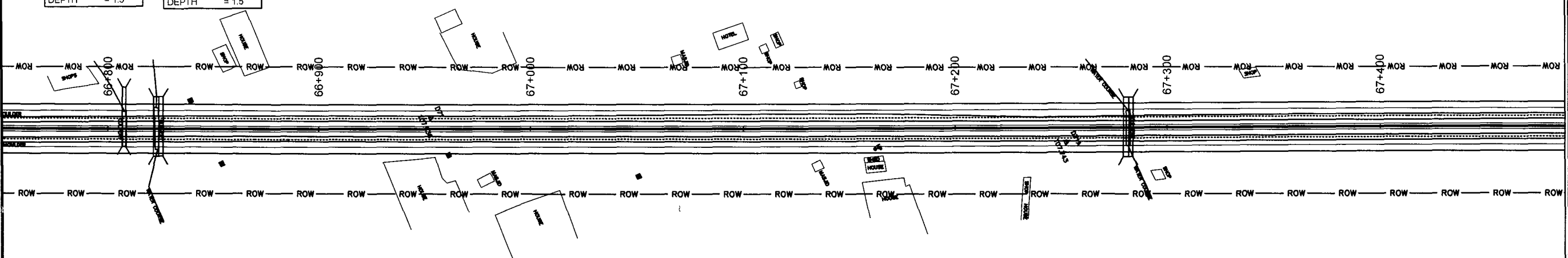
DESIGN BY: A.S	SHEET NO: 14 OF 98
DRAWN BY: S.A	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024.
APPROVED BY:	REVISION:

CAD FILE NAME:
CAREC/III/TD/008

BOX CULVERT
STATION = 66+808
SKEW = 0°
No. OF CELL = 01
WIDTH = 1.3
DEPTH = 1.5

BOX CULVERT
STATION = 66+832
SKEW = 0°
No. OF CELL = 02
WIDTH = 2.0
DEPTH = 1.5

BOX CULVERT
STATION = 67+291
SKEW = 0°
No. OF CELL = 02
WIDTH = 2.0
DEPTH = 2.0



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-2
(Km 57+500 TO Km 121+500)

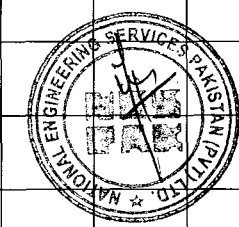
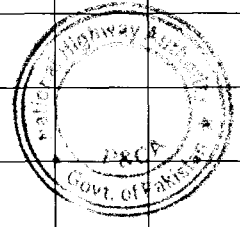
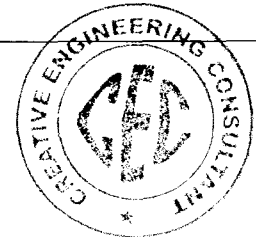
CLIENT:
NHA NATIONAL HIGHWAYS AUTHORITY (NHA)

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

DRAWING TITLE:
PLAN & PROFILE
66+774.23 - 67+461.65

DESIGN BY: A S	SHEET NO: 15 OF 98
DRAWN BY: S A	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A S	DATE: APRIL, 2024.
APPROVED BY:	REVISION:

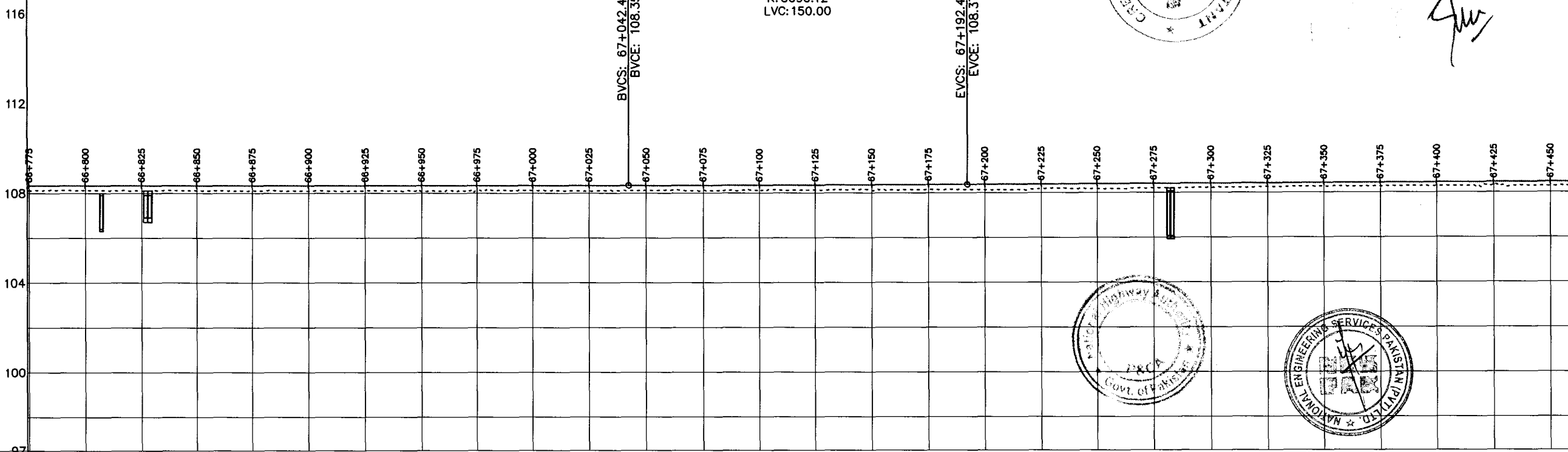
CAD FILE NAME:
CAREC/T-III/TD/008



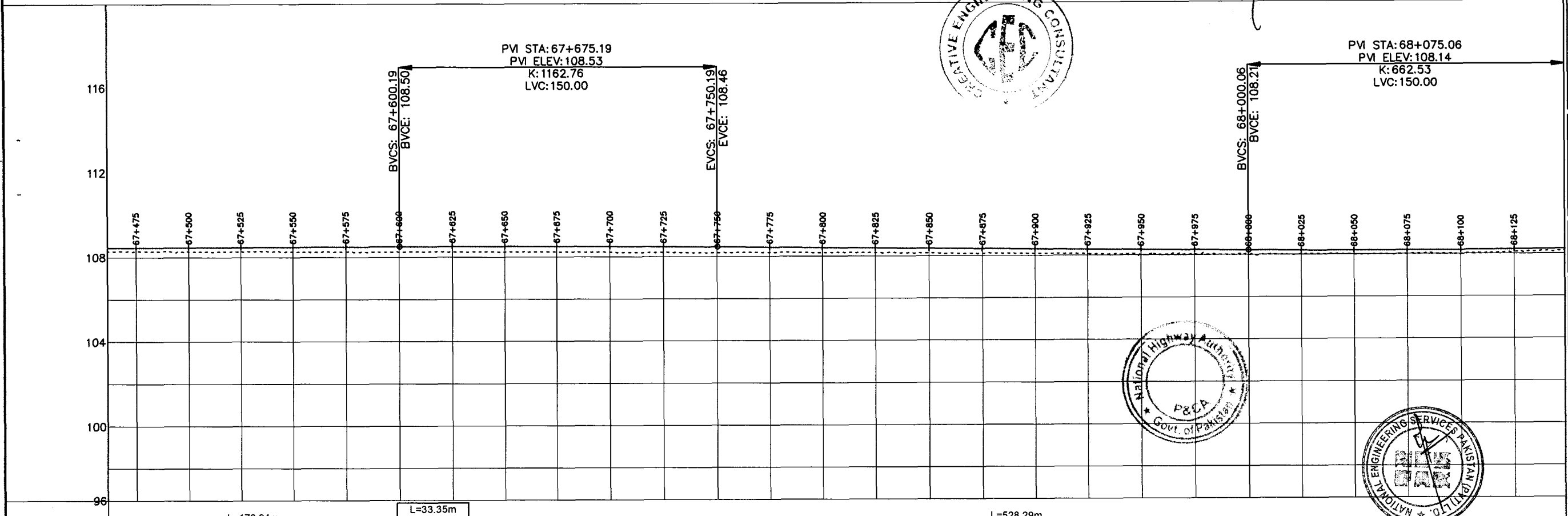
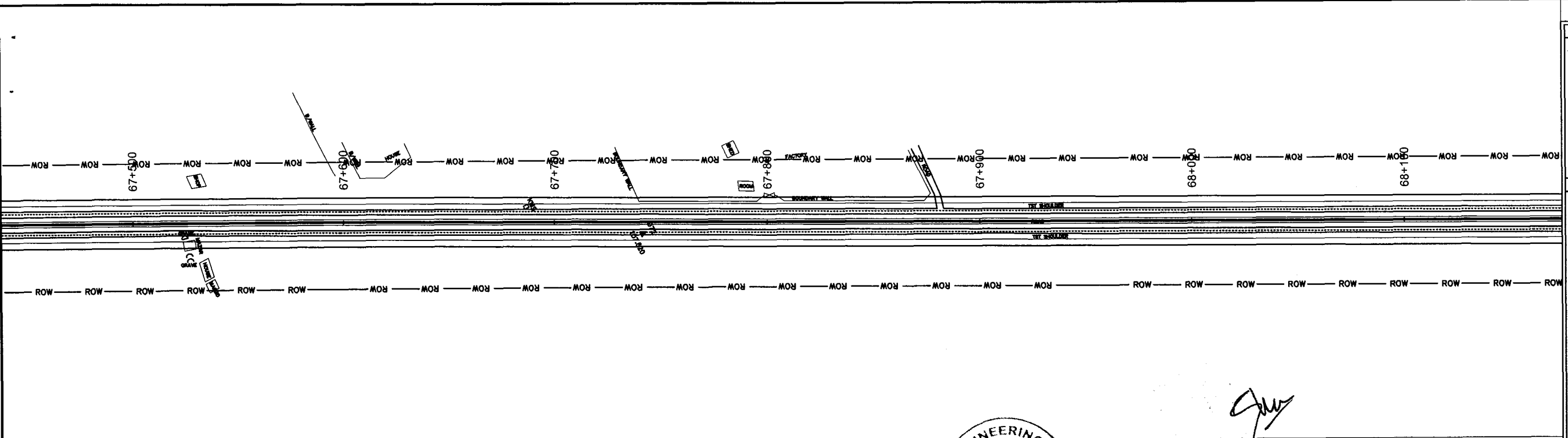
PVI STA: 67+117.41
PVI ELEV: 108.35
K: 5096.12
LVC: 150.00

BVCS: 67+042.41
BVCE: 108.35

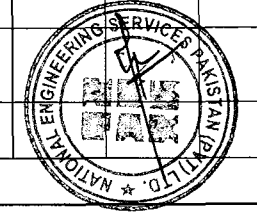
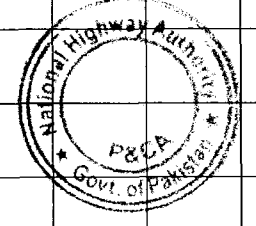
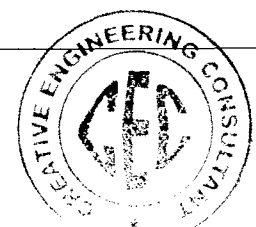
EVCS: 67+192.41
EVCE: 108.37



HCD	L=560.22m	L=16.11m R=3181.39m	L=227.58m	L=9.05m R=6086.11m	L=290.95m	L=14.89m R=342.05m	L=170.94m																					
VCD	Grade (0.00%) Tangent Length (357.23) Chainage (67+042.41) Elevation (108.35)			Grade (0.03%) Tangent Length (407.78) Chainage (67+600.19) Elevation (108.50)																								
P.G.L	66+800 108.342	66+825 108.342	66+850 108.343	66+875 108.344	66+900 108.344	66+925 108.345	66+950 108.345	66+975 108.346	67+000 108.347	67+025 108.347	67+050 108.348	67+075 108.350	67+100 108.352	67+125 108.357	67+150 108.362	67+175 108.368	67+200 108.376	67+225 108.384	67+250 108.392	67+275 108.400	67+300 108.408	67+325 108.416	67+350 108.424	67+375 108.432	67+400 108.440	67+425 108.448	67+450 108.456	
N.S.L	66+775 108.126	66+800 108.137	66+825 108.111	66+850 108.115	66+875 108.109	66+900 108.102	66+925 108.106	66+950 108.074	66+975 108.084	67+000 108.118	67+025 108.109	67+050 108.128	67+075 108.137	67+100 108.107	67+125 108.133	67+150 108.119	67+175 108.140	67+200 108.121	67+225 108.189	67+250 108.173	67+275 108.206	67+300 108.225	67+325 108.245	67+350 108.270	67+375 108.269	67+400 108.278	67+425 108.293	67+450 108.268
CH	66+775	66+800	66+825	66+850	66+875	66+900	66+925	66+950	66+975	67+000	67+025	67+050	67+075	67+100	67+125	67+150	67+175	67+200	67+225	67+250	67+275	67+300	67+325	67+350	67+375	67+400	67+425	67+450



Station	HCD	VCD	P.G.L	N.S.L	SH
67+462			108.466	108.292	108.462
67+475			108.464	108.288	108.475
67+500			108.472	108.265	108.500
67+525			108.480	108.308	108.525
67+550			108.488	108.269	108.550
67+575			108.496	108.265	108.575
67+600			108.504	108.244	108.600
67+625			108.509	108.254	108.625
67+650			108.509	108.241	108.650
67+675			108.504	108.236	108.675
67+700			108.493	108.224	108.700
67+725			108.477	108.193	108.725
67+750			108.455	108.167	108.750
67+775			108.431	108.176	108.775
67+800			108.407	108.161	108.800
67+825			108.382	108.158	108.825
67+850			108.358	108.131	108.850
67+875			108.334	108.096	108.875
67+900			108.310	108.089	108.900
67+925			108.285	108.073	108.925
67+950			108.261	108.061	108.950
67+975			108.237	108.036	108.975
68+000			108.213	107.992	108.000
68+025			108.193	108.016	108.025
68+050			108.183	107.998	108.050
68+075			108.182	108.010	108.075
68+100			108.191	107.979	108.100
68+125			108.209	108.080	108.125



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-2 (Km 57+500 TO Km 121+500)

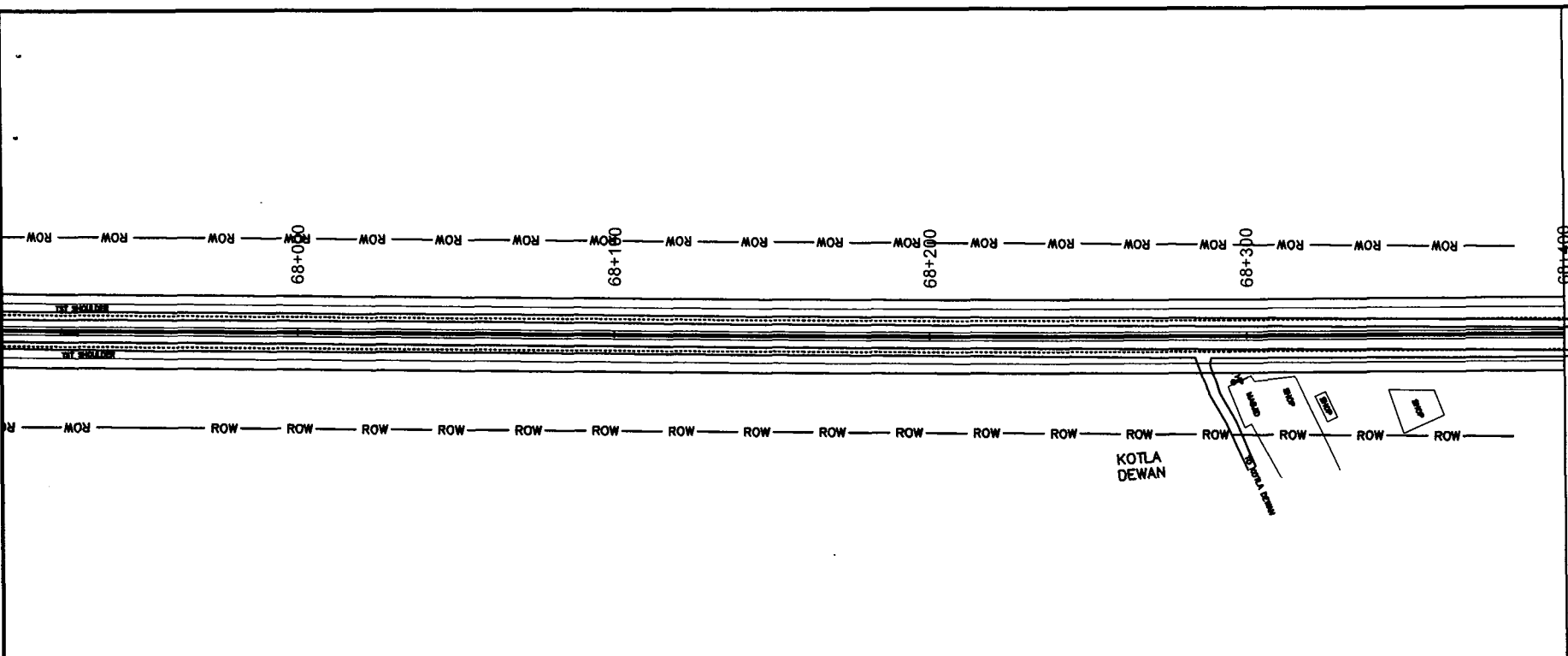
CLIENT:
NHA NATIONAL HIGHWAYS AUTHORITY (NHA)

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

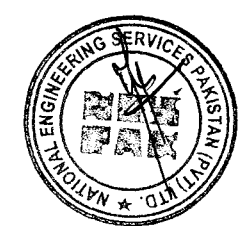
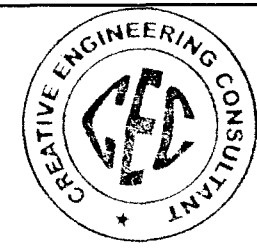
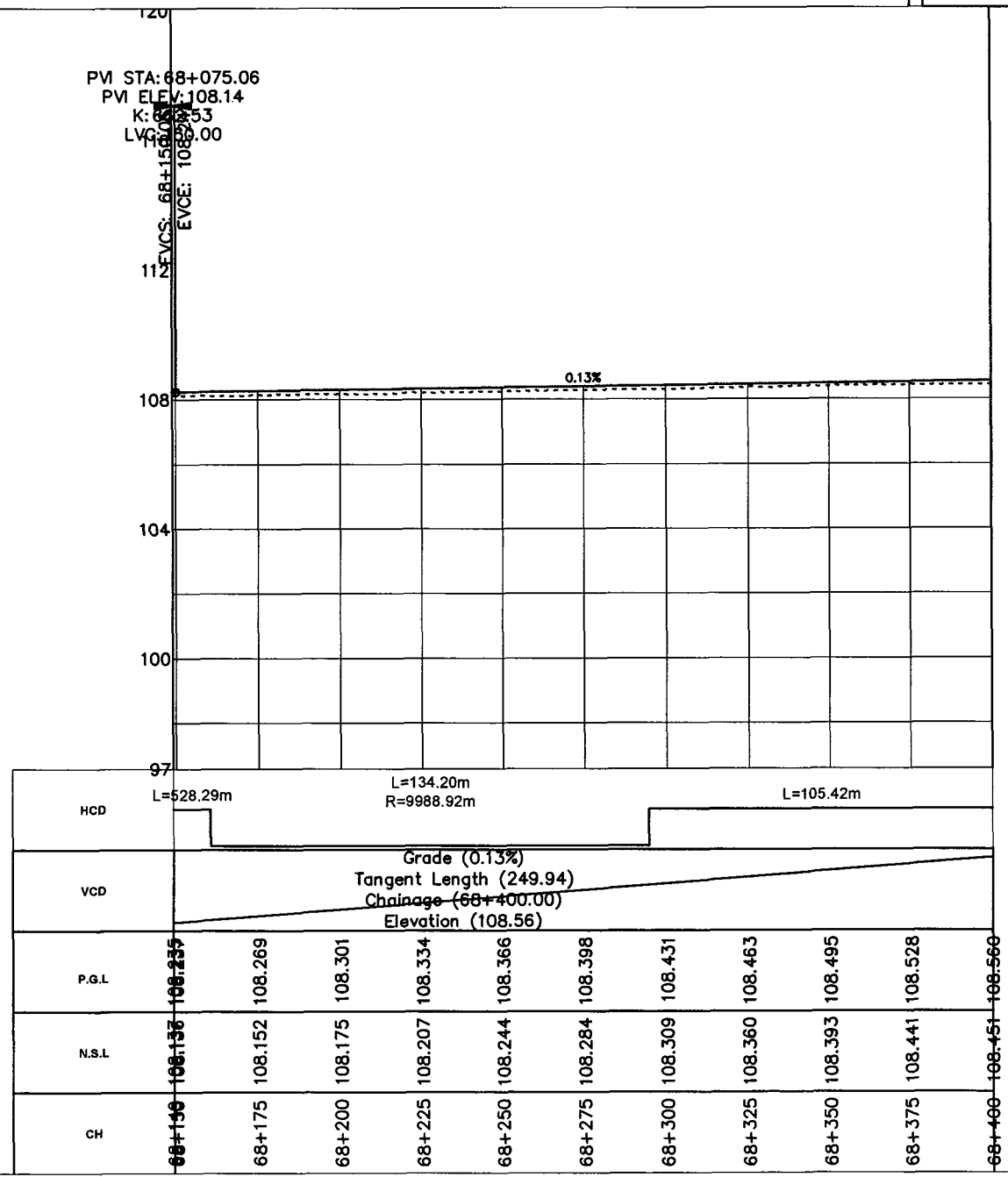
DRAWING TITLE:
PLAN & PROFILE
67+461.65 - 68+149.08

DESIGN BY: A.S	SHEET NO: 16 OF 98
DRAWN BY: S.A	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024.
APPROVED BY:	REVISION:

CAD FILE NAME:
CAREC/T-III/TD/008



PM STA: 68+075.06
 PM ELEV: 108.14
 K: 68+153
 LVC: 68+150.00
 EVCE: 108.00



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-2 (Km 57+500 TO Km 121+500)

CLIENT:
NATIONAL HIGHWAYS AUTHORITY (NHA)

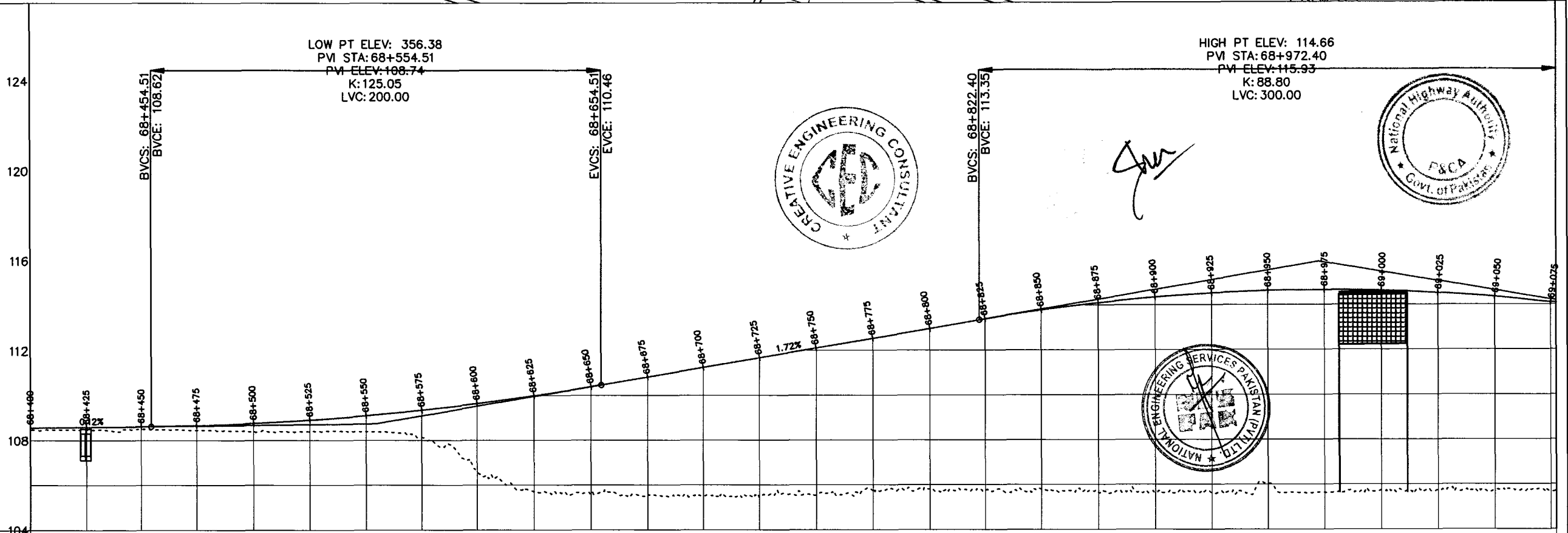
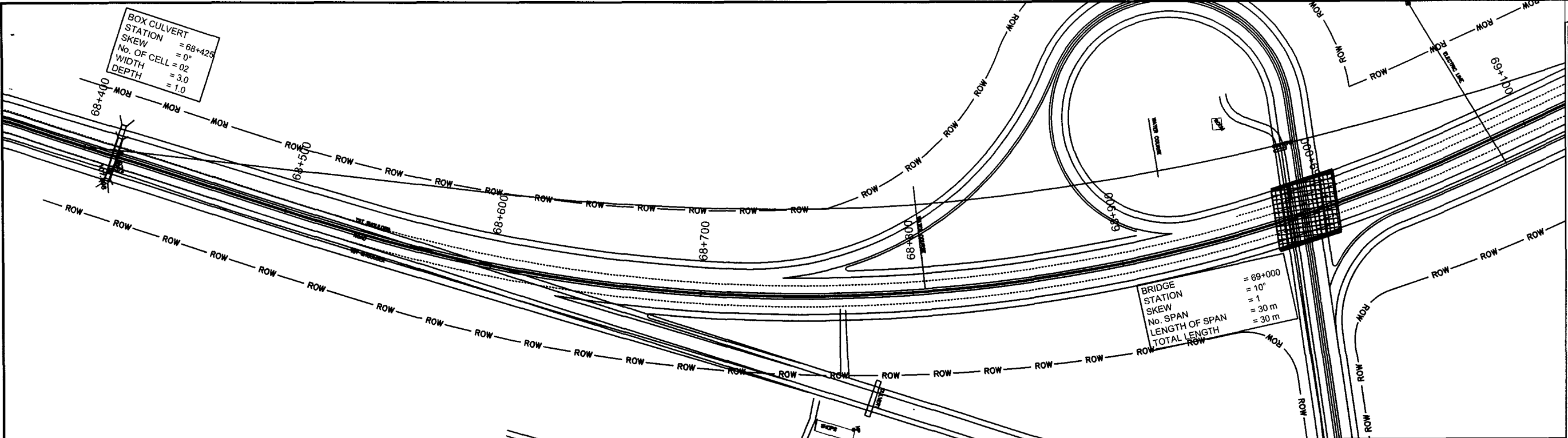
CONSULTANTS:

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

DRAWING TITLE:
PLAN & PROFILE
68+149.08 - 68+399.99

DESIGN BY: A.S	SHEET NO: 17 OF 98
DRAWN BY: S.A	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024.
APPROVED BY:	REVISION:

CAD FILE NAME:
CAREC/T-III/TD/008



HCD	L=117.44m															L=558.44m R=750.00m															L=114.7m				
VCD	Grade (0.12%) Tangent Length (54.51) Chainage (68+454.51) Elevation (108.62)															Grade (1.72%) Tangent Length (167.89) Chainage (68+822.40) Elevation (113.35)																			
P.G.L	68+425	68+450	68+475	68+500	68+525	68+550	68+575	68+600	68+625	68+650	68+675	68+700	68+725	68+750	68+775	68+800	68+825	68+850	68+875	68+900	68+925	68+950	68+975	69+000	69+025	69+050	69+075								
N.S.L	108.474	108.484	108.495	108.462	108.399	108.392	108.398	109.103	109.349	109.645	109.990	110.386	110.815	111.245	111.675	112.105	112.535	112.965	113.394	113.781	114.098	114.345	114.521	114.627	114.662	114.627	114.522	114.346	114.099						
SH	68+400	68+425	68+450	68+475	68+500	68+525	68+550	68+575	68+600	68+625	68+650	68+675	68+700	68+725	68+750	68+775	68+800	68+825	68+850	68+875	68+900	68+925	68+950	68+975	69+000	69+025	69+050	69+075							

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-2 (Km 57+500 TO Km 121+500)

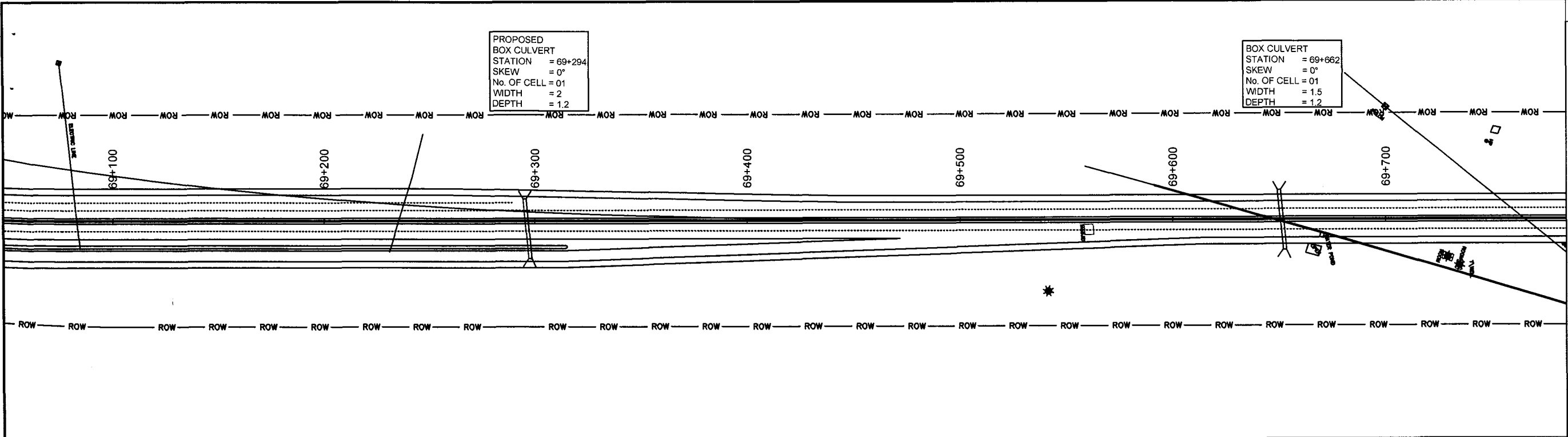
CLIENT:
NATIONAL HIGHWAYS AUTHORITY (NHA)

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

DRAWING TITLE:
PLAN & PROFILE
68+400.00 - 69+077.42

DESIGN BY: A.S	SHEET NO: 18 OF 98
DRAWN BY: S.A	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024
APPROVED BY:	REVISION:

CAD FILE NAME:
CAREC/T-III/TD/009

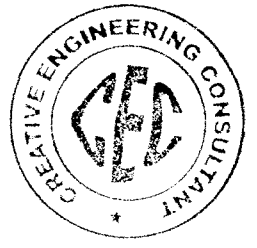
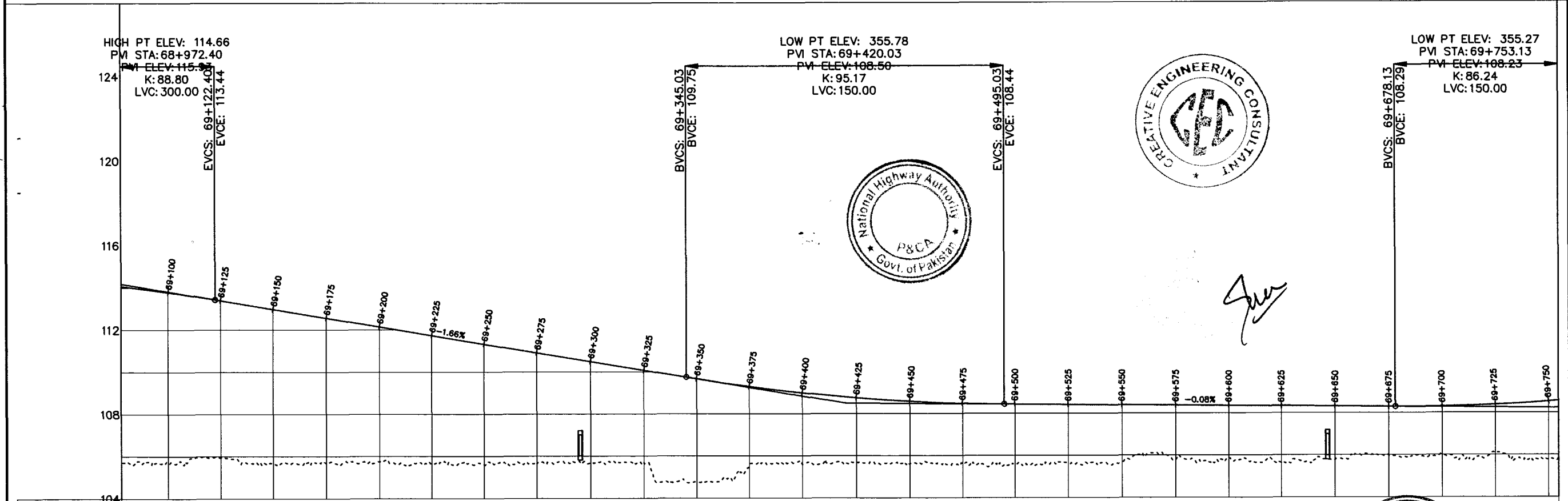


PROPOSED
BOX CULVERT
STATION = 69+294
SKEW = 0°
No. OF CELL = 01
WIDTH = 2
DEPTH = 1.2

BOX CULVERT
STATION = 69+662
SKEW = 0°
No. OF CELL = 01
WIDTH = 1.5
DEPTH = 1.2

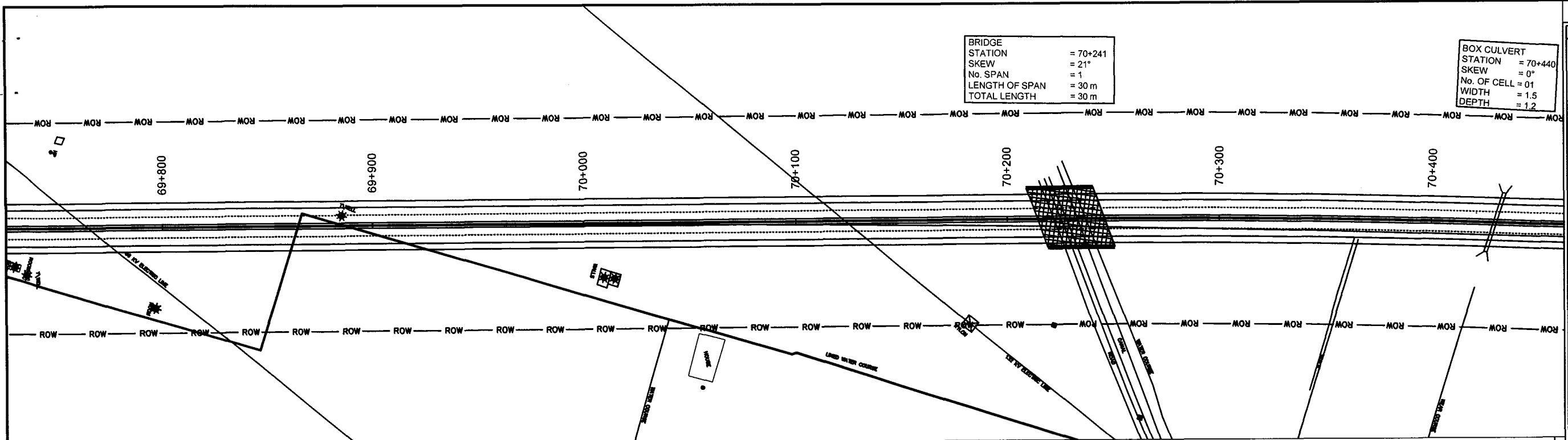
NOTES
1- ALL DIMENSIONS AND ARE IN METERS.

LEGEND



Station	SH	N.S.L	P.G.L	VCD	HCD
69+072	105.709	114.072			
69+100	105.727	113.784			
69+125	105.942	113.397			
69+150	105.638	112.982			
69+175	105.677	112.568			
69+200	105.752	112.153			
69+225	105.653	111.738			
69+250	105.599	111.323			
69+275	105.665	110.909			
69+300	105.640	110.494			
69+325	105.660	110.079			
69+350	104.759	109.666			
69+375	105.555	109.297			
69+400	105.594	108.994			
69+425	105.686	108.756			
69+450	105.607	108.584			
69+475	105.590	108.478			
69+500	105.566	108.436			
69+525	105.619	108.416			
69+550	105.660	108.395			
69+575	105.739	108.374			
69+600	105.787	108.354			
69+625	105.641	108.333			
69+650	105.774	108.312			
69+675	105.959	108.291			
69+700	105.997	108.299			
69+725	106.063	108.378			
69+750	105.765	108.529			
69+755	105.693	108.567			

REV.	REVISION/ISSUE	DATE
PROJECT:		
CONSTRUCTION OF RAJANPUR-DG KHAN SECTION OF N-55 AS 4-LANE HIGHWAY (121.50 Km) PACKAGE-2 (Km 57+500 TO Km 121+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 69+072.42 - 69+754.85		
DESIGN BY:	SHEET NO:	
A.S	19 OF 98	
DRAWN BY:	SCALE:	
S.A	H = 1:2000 V = 1:100	
CHECKED BY:	DATE:	
A.S	APRIL, 2024	
APPROVED BY:	REVISION:	
CAD FILE NAME:		
CAREC/T-III/TD/009		

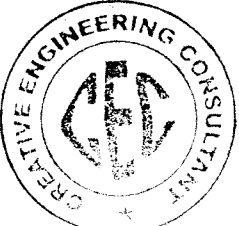
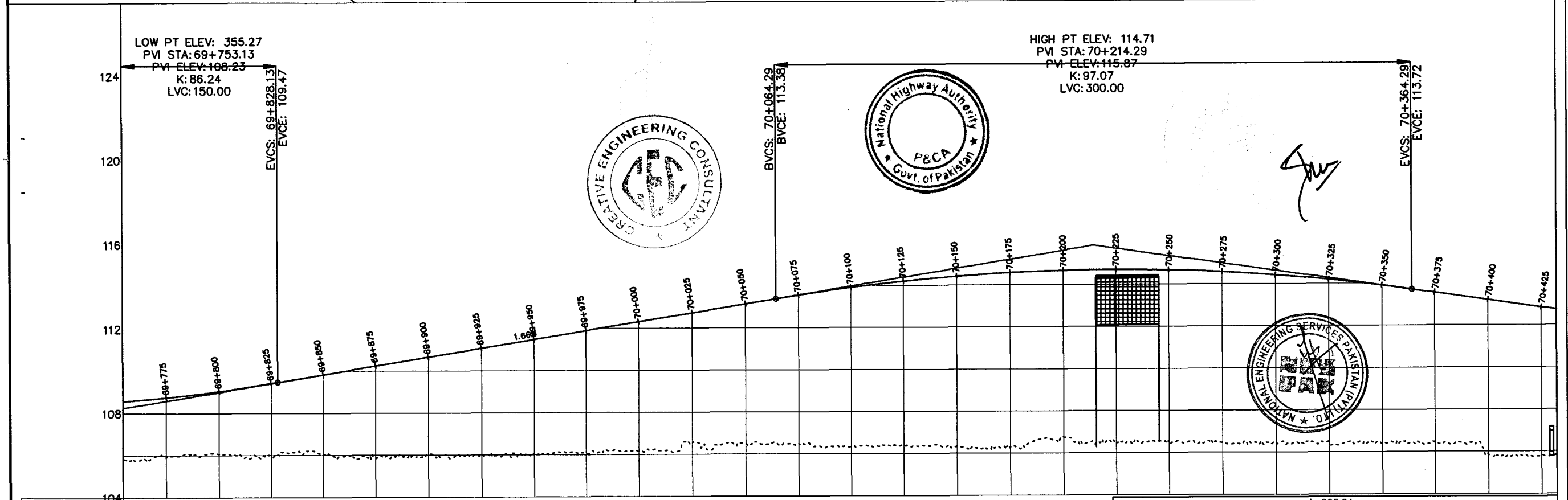


BRIDGE
STATION = 70+241
SKEW = 21°
No. SPAN = 1
LENGTH OF SPAN = 30m
TOTAL LENGTH = 30m

BOX CULVERT
STATION = 70+440
SKEW = 0°
No. OF CELL = 01
WIDTH = 1.5
DEPTH = 1.2

NOTES
1- ALL DIMENSIONS AND ARE IN METERS.

LEGEND



Station	Grade (1.66%)	Tangent Length (236.15)	Chainage (70+064.29)	Elevation (113.38)
69+755	108.567			
69+775	108.753			
69+800	109.049			
69+825	109.418			
69+850	109.832			
69+875	110.246			
69+900	110.660			
69+925	111.074			
69+950	111.488			
69+975	111.902			
70+000	112.316			
70+025	112.731			
70+050	113.145			
70+075	113.553			
70+100	113.907			
70+125	114.197			
70+150	114.423			
70+175	114.584			
70+200	114.681			
70+225	114.713			
70+250	114.681			
70+275	114.585			
70+300	114.424			
70+325	114.199			
70+350	113.910			
70+375	113.562			
70+400	113.203			
70+425	112.844			
70+432	112.740			

PROJECT:
CONSTRUCTION OF RAJANPUR-DG KHAN
SECTION OF N-55 AS 4-LANE HIGHWAY
(121.50 Km)
PACKAGE-2
(Km 57+500 TO Km 121+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
69+754.85 - 70+432.27

DESIGN BY: A.S.	SHEET NO.: 20 OF 98
DRAWN BY: S.A.	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S.	DATE: APRIL, 2024
APPROVED BY:	REVISION:

CAD FILE NAME:
CAREC/T-III/TD/009

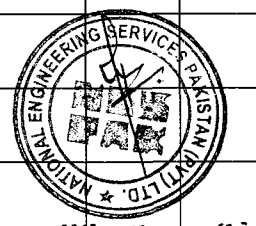
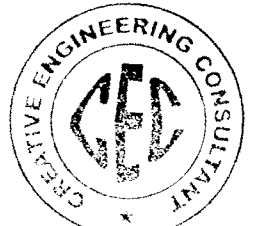
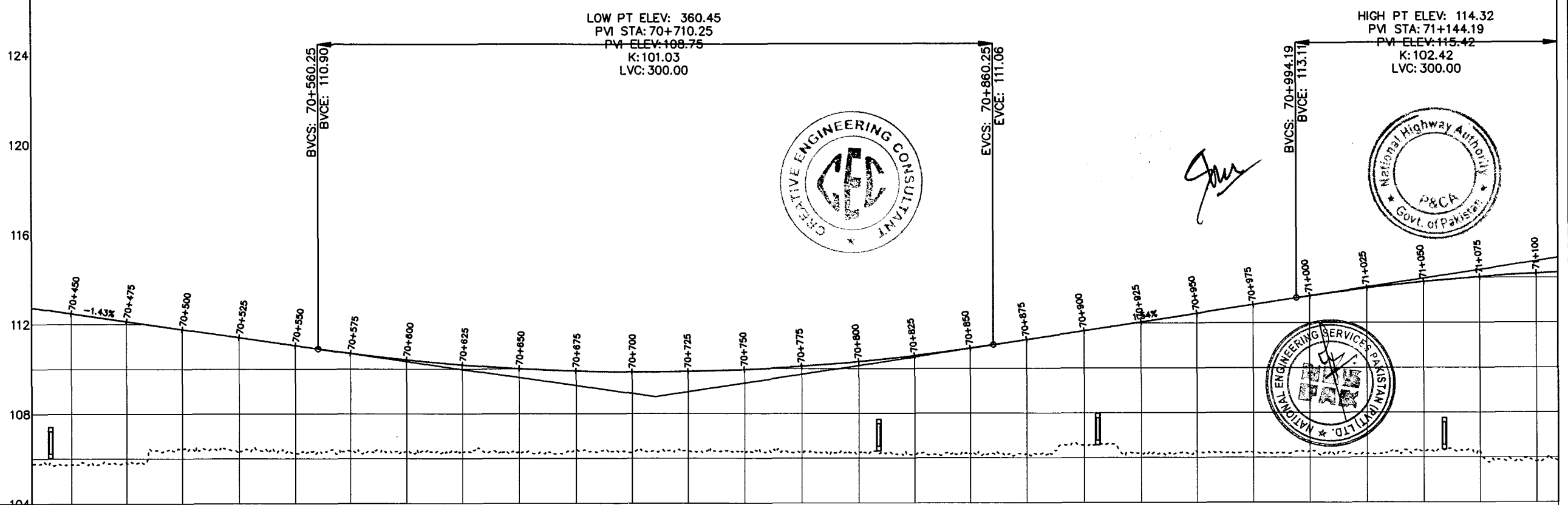
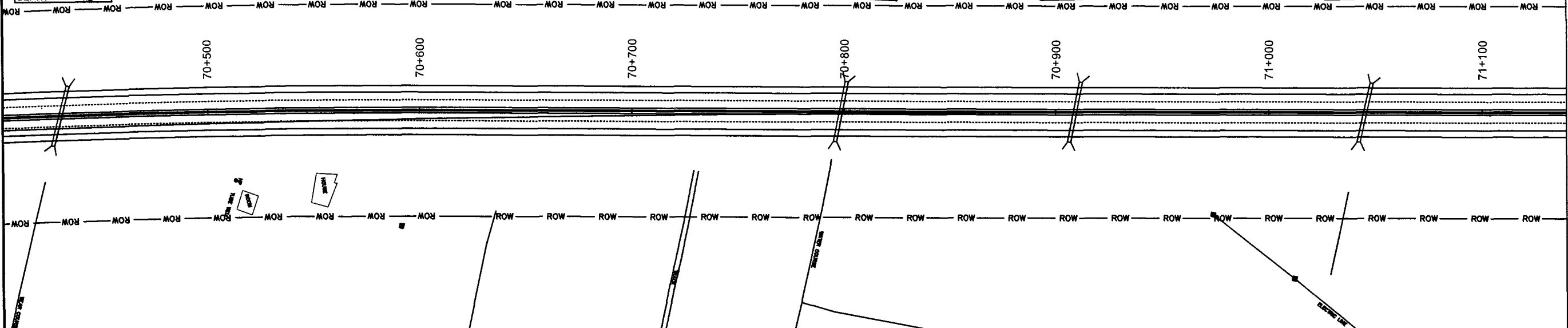
BOX CULVERT
STATION = 70+440
SKEW = 0°
No. OF CELL = 01
WIDTH = 1.5
DEPTH = 1.2

BOX CULVERT
STATION = 70+809
SKEW = 0°
No. OF CELL = 01
WIDTH = 1.5
DEPTH = 1.2

PROPOSED
BOX CULVERT
STATION = 70+907
SKEW = 0°
No. OF CELL = 01
WIDTH = 1.5
DEPTH = 1.5

BOX CULVERT
STATION = 71+055
SKEW = 0°
No. OF CELL = 01
WIDTH = 1.5
DEPTH = 1.2

BRIDGE
STATIC
SKEW
No. SP.
LENGT
TOTAL



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-2
(Km 57+500 TO Km 121+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
70+432.27 - 71+109.69

DESIGN BY: A.S	SHEET NO: 21 OF 98
DRAWN BY: S.A	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024
APPROVED BY:	REVISION:

CAD FILE NAME:
CAREC/T-III/TD/009

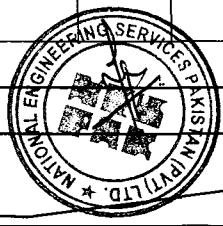
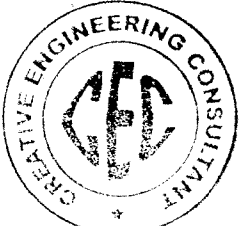
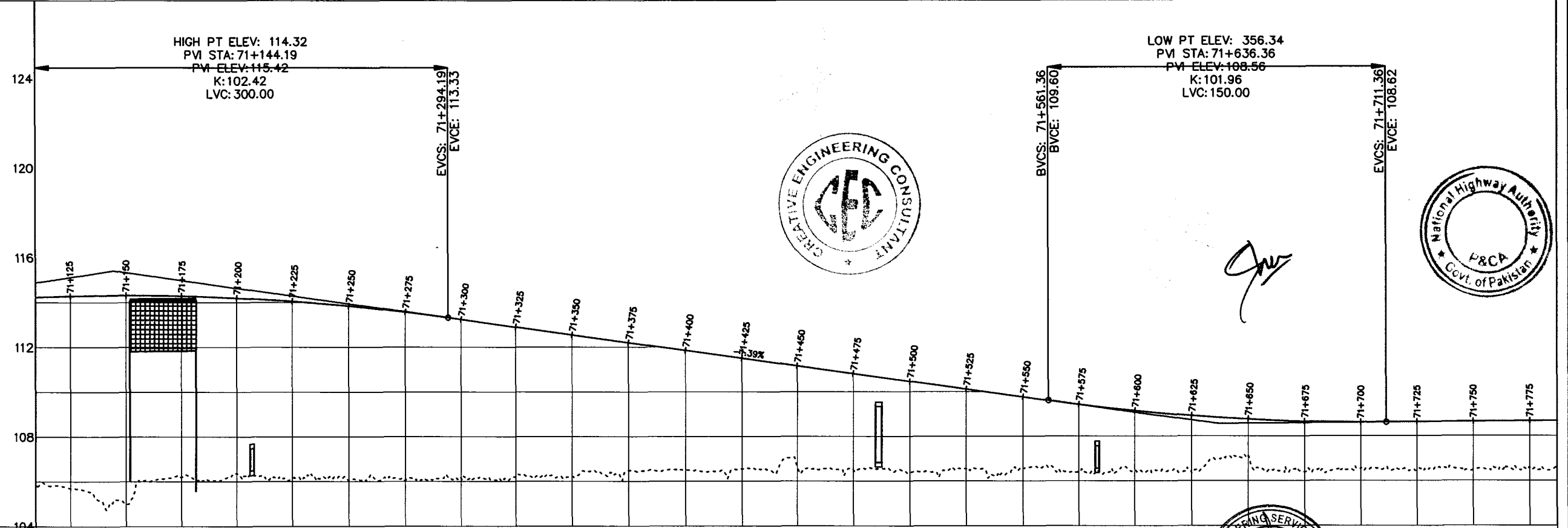
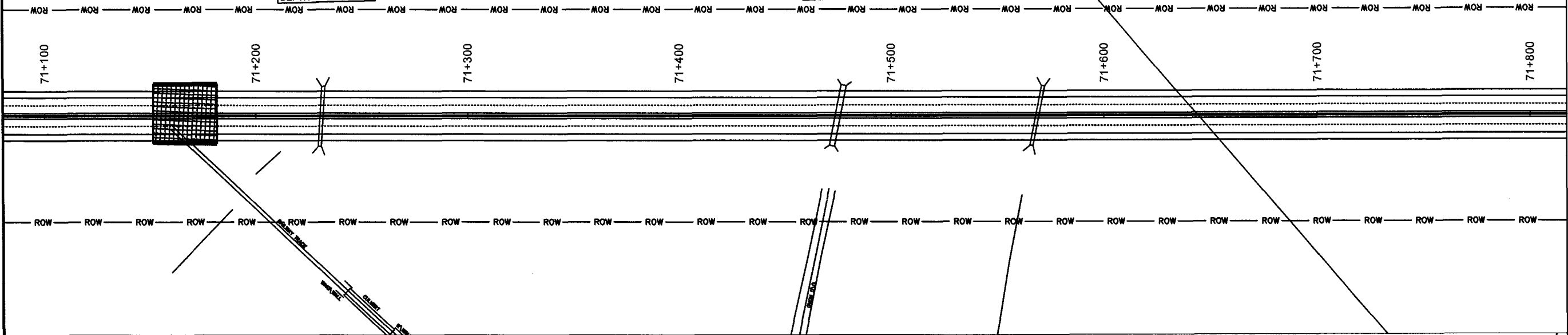
Station	SH	N.S.L	P.G.L	VCD	HCD
70+432	105.807	112.740			
70+450	105.738	112.486			
70+475	105.807	112.127			
70+500	106.425	111.769			
70+525	106.380	111.410			
70+550	106.251	111.052			
70+575	106.299	110.704			
70+600	106.328	110.413			
70+625	106.287	110.184			
70+650	106.240	110.016			
70+675	106.396	109.911			
70+700	106.257	109.867			
70+725	106.341	109.886			
70+750	106.273	109.966			
70+775	106.269	110.108			
70+800	106.254	110.311			
70+825	106.145	110.577			
70+850	106.201	110.905			
70+875	106.196	111.283			
70+900	106.535	111.667			
70+925	106.167	112.051			
70+950	106.250	112.435			
70+975	106.216	112.819			
71+000	106.245	113.201			
71+025	106.147	113.540			
71+050	106.231	113.818			
71+075	106.242	114.035			
71+100	105.824	114.191			
71+110	105.835	114.236			

BRIDGE
STATION = 71+166
SKEW = 47°
No. SPAN = 1
LENGTH OF SPAN = 30 m
TOTAL LENGTH = 30 m

BOX CULVERT
STATION = 71+241
SKEW = 0°
No. OF CELL = 01
WIDTH = 1.5
DEPTH = 1.2

C.C
STATION = 71+485
SKEW = 0°
No. OF CELL = 1
WIDTH = 2.5
DEPTH = 2.5

BOX CULVERT
STATION = 71+578
SKEW = 0°
No. OF CELL = 01
WIDTH = 1.5
DEPTH = 1.2



Station	P.G.L	N.S.L	SH
71+110	114.256	105.835	
71+125	114.287	105.697	
71+150	114.321	104.978	
71+175	114.294	106.194	
71+200	114.206	106.367	
71+225	114.057	106.137	
71+250	113.847	106.059	
71+275	113.576	106.053	
71+300	113.245	106.134	
71+325	112.897	106.228	
71+350	112.548	106.226	
71+375	112.200	106.476	
71+400	111.852	106.503	
71+425	111.503	106.545	
71+450	111.155	106.641	
71+475	110.806	106.490	
71+500	110.458	106.365	
71+525	110.109	106.538	
71+550	109.761	106.561	
71+575	109.422	106.411	
71+600	109.138	106.491	
71+625	108.914	106.363	
71+650	108.753	107.074	
71+675	108.652	106.402	
71+700	108.613	106.554	
71+725	108.626	106.479	
71+750	108.646	106.483	
71+775	108.665	106.576	
71+787	108.674	106.587	

Grade (-1.39%)
Tangent Length (267.17)
Chainage (71+561.36)
Elevation (109.60)

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-2 (Km 57+500 TO Km 121+500)

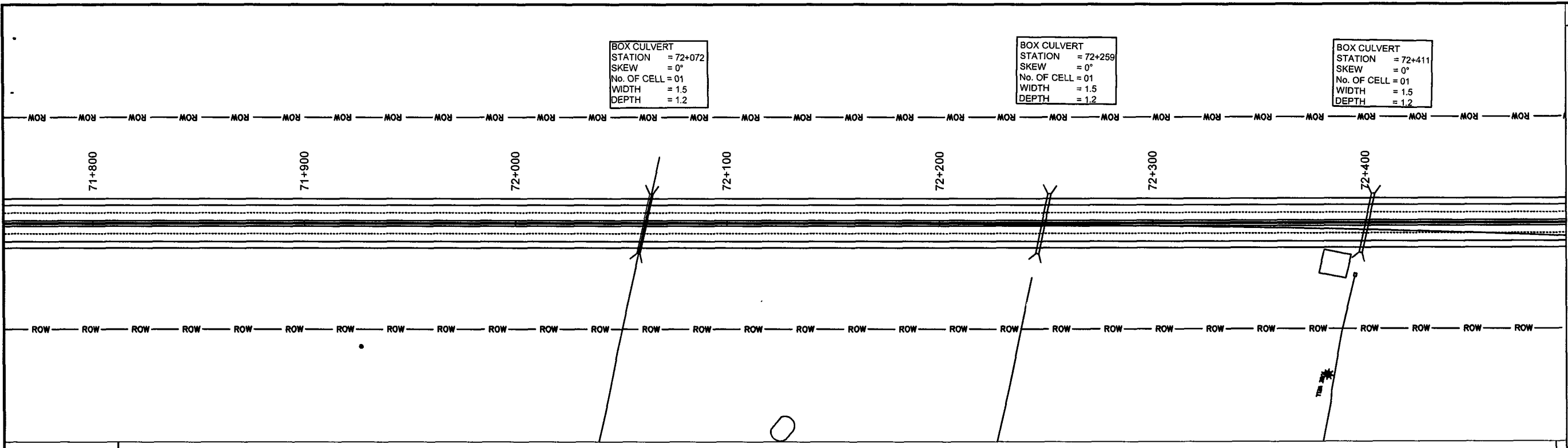
CLIENT:
NATIONAL HIGHWAYS AUTHORITY (NHA)

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

DRAWING TITLE:
PLAN & PROFILE
71+109.69 - 71+787.12

DESIGN BY:	SHEET NO:
A.S	22 OF 98
DRAWN BY:	SCALE:
S.A	H = 1:2000 V = 1:100
CHECKED BY:	DATE:
A.S	APRIL, 2024
APPROVED BY:	REVISION:

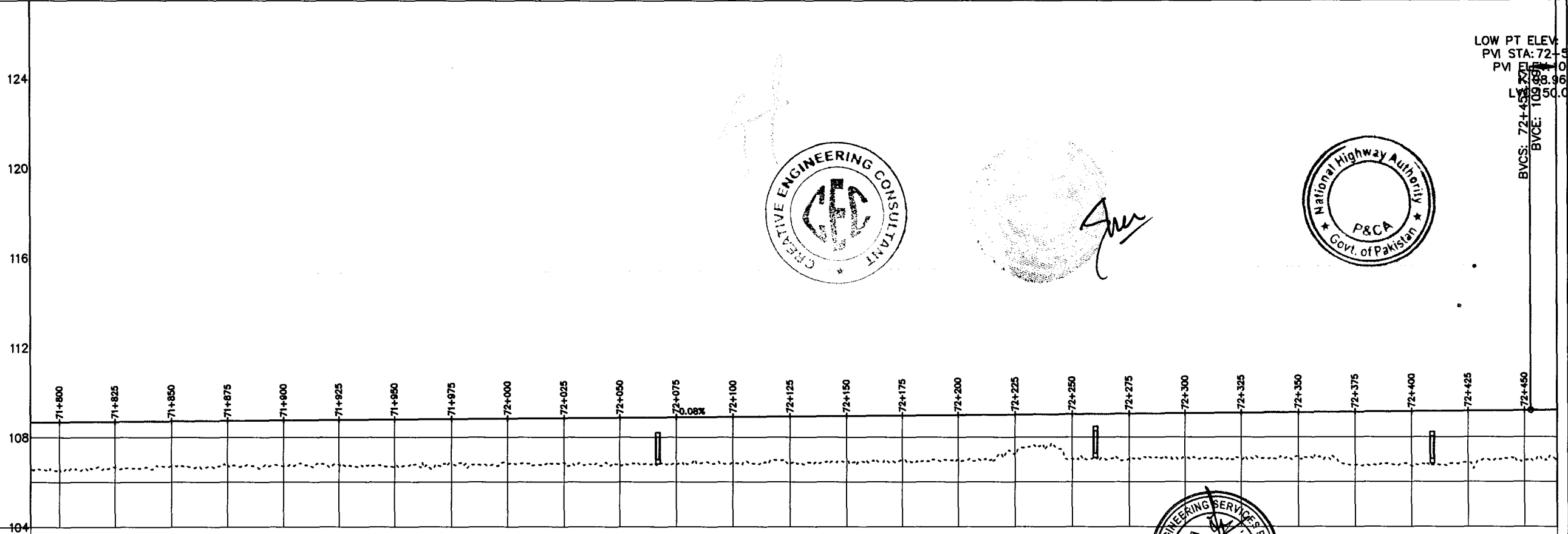
CAD FILE NAME:
CAREC/T-III/TD/009



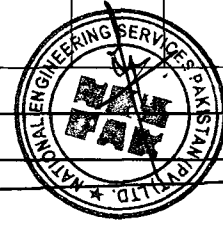
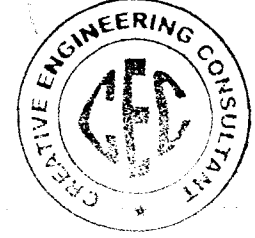
BOX CULVERT
 STATION = 72+072
 SKEW = 0°
 No. OF CELL = 01
 WIDTH = 1.5
 DEPTH = 1.2

BOX CULVERT
 STATION = 72+259
 SKEW = 0°
 No. OF CELL = 01
 WIDTH = 1.5
 DEPTH = 1.2

BOX CULVERT
 STATION = 72+411
 SKEW = 0°
 No. OF CELL = 01
 WIDTH = 1.5
 DEPTH = 1.2



LOW PT ELEV: 109.19
 PVI STA: 72+452.77
 PVI ELEV: 108.96
 L=1900.26
 BVCS: 72+452.77
 BVCE: 109.50



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-2 (Km 57+500 TO Km 121+500)

CLIENT:
 NATIONAL HIGHWAYS AUTHORITY (NHA)

CONSULTANTS:

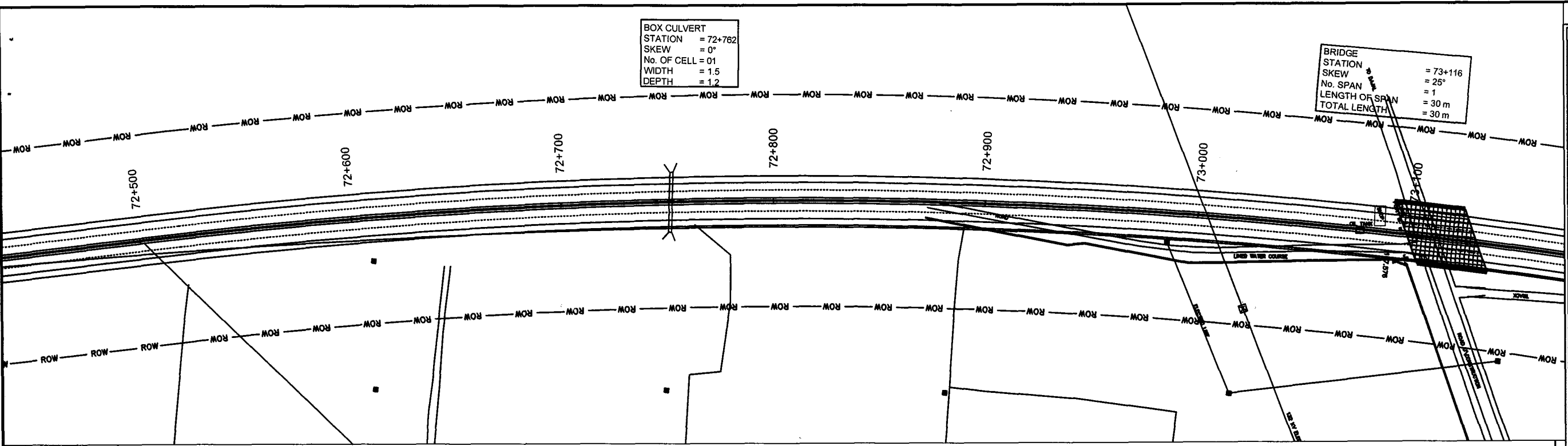
- MINCONSULT. SDN BHD In Joint Venture With
- SAMAN CORPORATION
- SHELADIA ASSOCIATES
- CEC
- AAA
- ACE
- AA
- ACC

DRAWING TITLE:
 PLAN & PROFILE
 71+787.12 - 72+464.54

DESIGN BY: A.S	SHEET NO: 23 OF 98
DRAWN BY: S.A	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024
APPROVED BY:	REVISION:

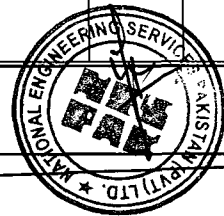
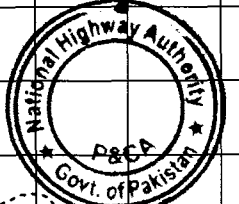
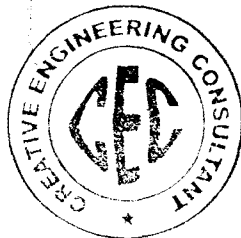
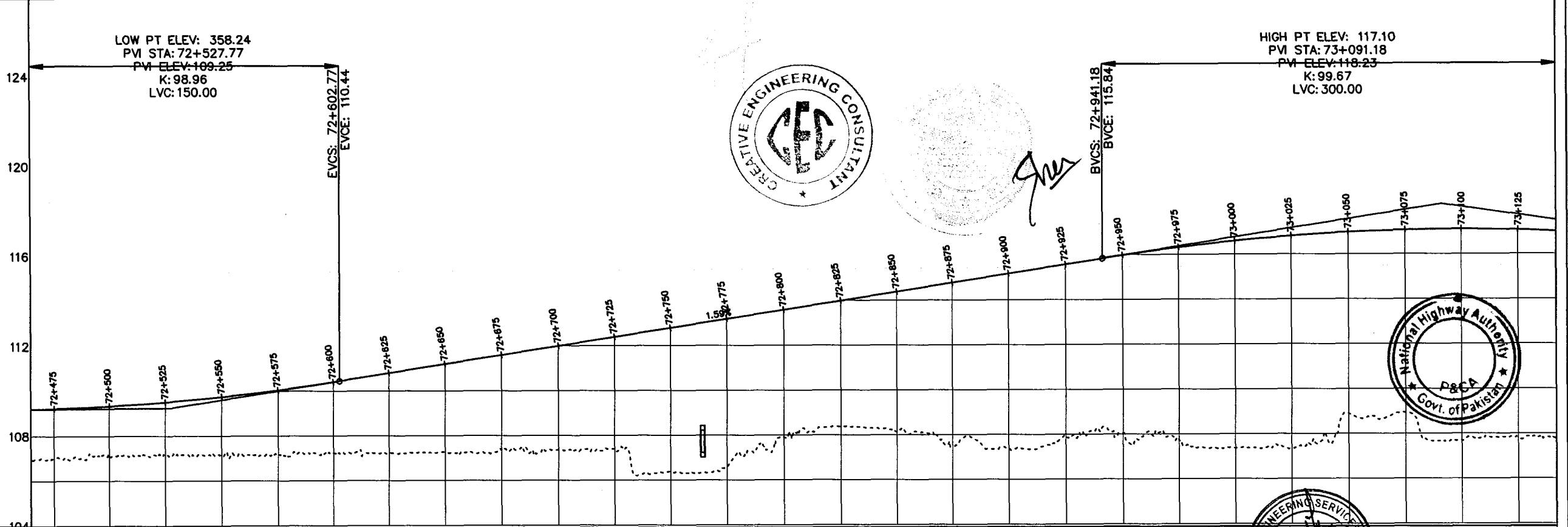
CAD FILE NAME:
 CAREC/T-III/TD/009

HCD	L=1900.26m																												
VCD	Grade (0.08%) Tangent Length (741.41) Chainage (72+452.77) Elevation (109.19)																												
P.G.L	108.674	108.684	108.704	108.723	108.743	108.762	108.781	108.801	108.820	108.840	108.859	108.878	108.898	108.917	108.936	108.956	108.975	108.995	109.014	109.033	109.053	109.072	109.092	109.111	109.130	109.150	109.169	109.188	109.207
N.S.L	106.587	106.592	106.678	106.726	106.712	106.712	106.765	106.666	106.805	106.817	106.865	106.719	106.796	106.855	106.839	106.905	106.985	106.944	107.266	107.015	107.034	107.073	106.990	107.115	106.748	106.706	106.852	106.950	106.957
CH	71+787	71+800	71+825	71+850	71+875	71+900	71+925	71+950	71+975	72+000	72+025	72+050	72+075	72+100	72+125	72+150	72+175	72+200	72+225	72+250	72+275	72+300	72+325	72+350	72+375	72+400	72+425	72+450	72+465



BOX CULVERT
 STATION = 72+782
 SKEW = 0°
 No. OF CELL = 01
 WIDTH = 1.5
 DEPTH = 1.2

BRIDGE
 STATION = 73+116
 SKEW = 25°
 No. SPAN = 1
 LENGTH OF SPAN = 30 m
 TOTAL LENGTH = 30 m



HCD	L=1900.26m		L=1332.09m R=2500.00m																										
VCD	Grade (1.59%) Tangent Length (338.41) Chainage (72+941.18) Elevation (115.84)																												
P.G.L	72+465	72+475	72+500	72+525	72+550	72+575	72+600	72+625	72+650	72+675	72+700	72+725	72+750	72+775	72+800	72+825	72+850	72+875	72+900	72+925	72+950	72+975	73+000	73+025	73+050	73+075	73+100	73+125	73+142
N.S.L	106.957	107.019	107.152	107.145	107.153	107.197	107.230	107.223	107.263	107.344	107.366	107.399	106.375	106.596	107.907	108.370	108.147	107.452	107.369	107.888	108.037	107.755	107.371	107.327	108.886	108.937	107.697	107.780	107.803
SH	109.267	109.233	109.340	109.510	109.744	110.040	110.400	110.798	111.196	111.595	111.993	112.391	112.790	113.188	113.586	113.985	114.383	114.781	115.180	115.578	115.972	116.317	116.599	116.819	116.975	117.069	117.101	117.069	117.042

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-2
 (Km 57+500 TO Km 121+500)

CLIENT:
 NATIONAL HIGHWAYS AUTHORITY (NHA)

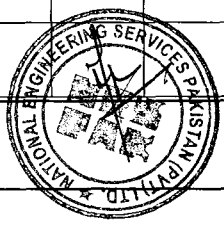
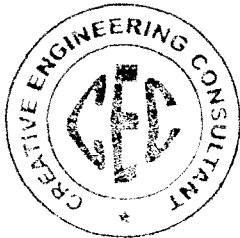
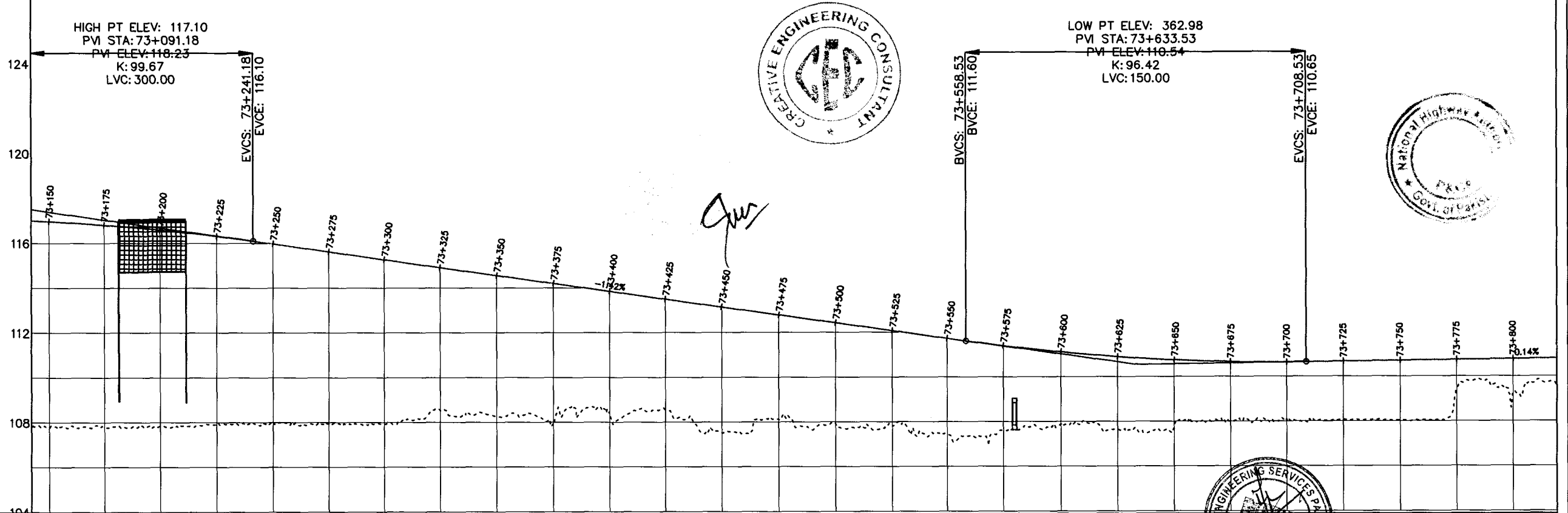
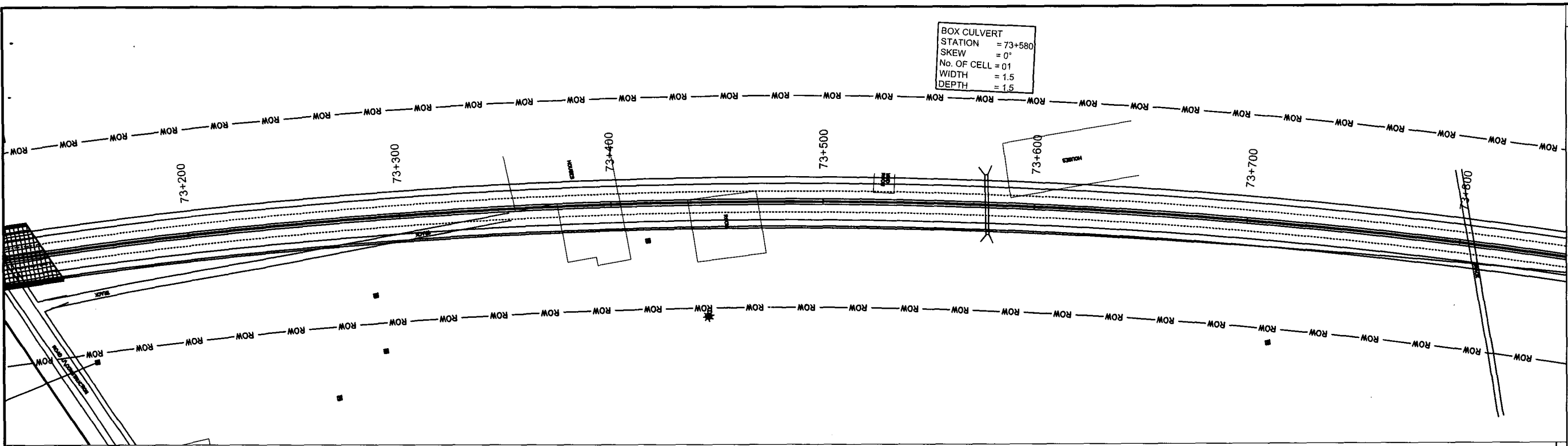
CONSULTANTS:

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

DRAWING TITLE:
 PLAN & PROFILE
 72+464.54 - 73+141.96

DESIGN BY: A.S	SHEET NO: 24 OF 98
DRAWN BY: S.A	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024
APPROVED BY:	REVISION:

CAD FILE NAME:
 CAREC/T-III/TD/009



HCD	L=1332.09m																													
VCD	Grade (-1.42%) Tangent Length (317.35) Chainage (73+558.53) Elevation (111.60)										Grade (0.14%) Tangent Length (119.90) Chainage (73+900.00) Elevation (110.90)																			
P.G.L	73+142	73+150	73+175	73+200	73+225	73+250	73+275	73+300	73+325	73+350	73+375	73+400	73+425	73+450	73+475	73+500	73+525	73+550	73+575	73+600	73+625	73+650	73+675	73+700	73+725	73+750	73+775	73+800	73+819	
N.S.L	107.863	107.976	107.794	107.838	107.917	107.888	107.960	107.921	108.527	108.251	107.997	108.399	108.545	107.512	108.109	107.946	107.833	107.438	107.616	111.385	111.106	110.892	107.777	107.986	108.088	108.047	108.040	109.450	110.773	109.869
SH	117.812	116.975	116.818	116.599	116.317	115.976	115.621	115.267	114.913	114.559	114.205	113.851	113.496	113.142	112.788	112.434	112.080	111.725	111.385	111.06	110.892	110.743	110.658	110.638	110.669	110.704	110.739	110.773	110.808	

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-2
(Km 57+500 TO Km 121+500)

CLIENT:
NHA NATIONAL HIGHWAYS AUTHORITY (NHA)

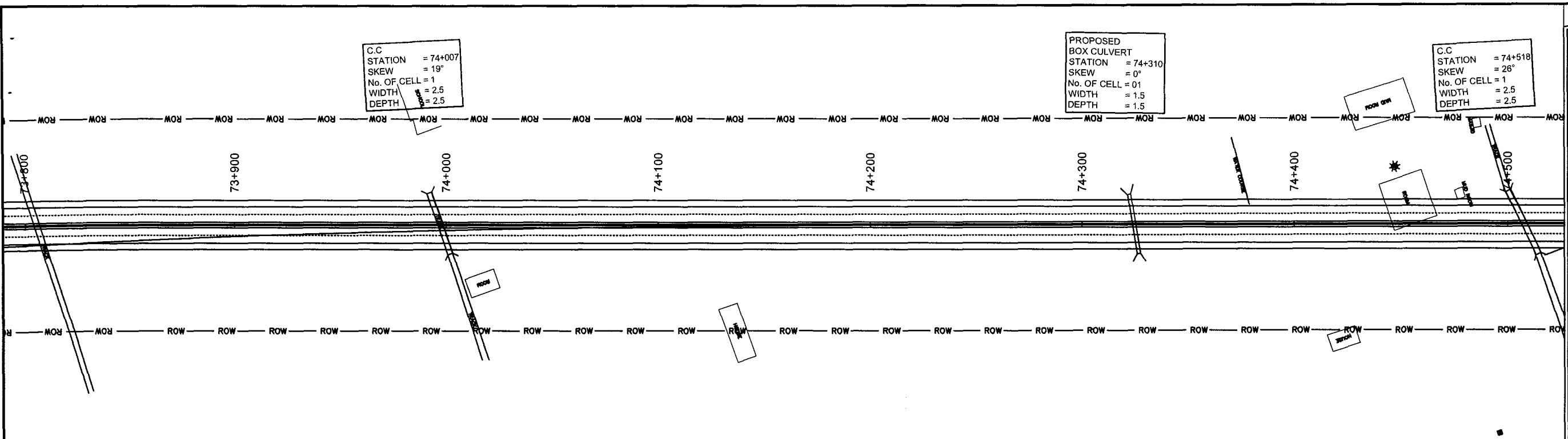
CONSULTANTS:
MINCONSULT. SDN BHD
In Joint Venture With
SANTAN SAMAN CORPORATION
SHELADIA ASSOCIATES

CEC
AAA
ACE
AA
ACC

DRAWING TITLE:
PLAN & PROFILE
73+141.96 - 73+819.38

DESIGN BY: A.S	SHEET NO: 25 OF 98
DRAWN BY: S.A	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024
APPROVED BY:	REVISION:

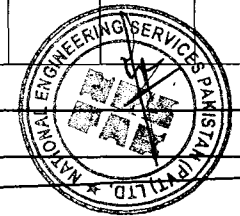
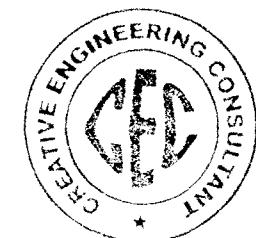
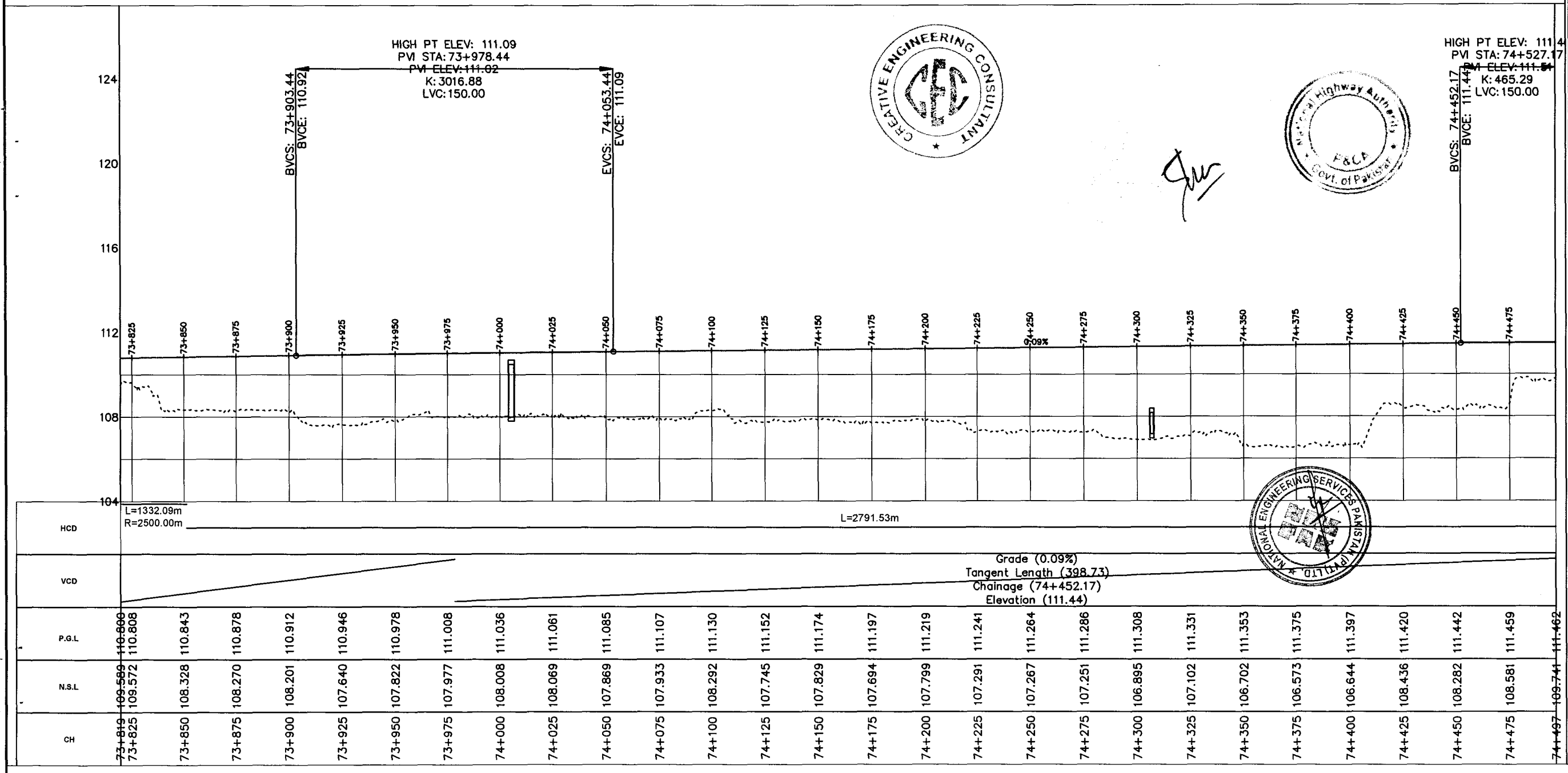
CAD FILE NAME:
CAREC/T-III/TD/009



C.C. STATION = 74+007
 SKEW = 19°
 No. OF CELL = 1
 WIDTH = 2.5
 DEPTH = 2.5

PROPOSED BOX CULVERT
 STATION = 74+310
 SKEW = 0°
 No. OF CELL = 01
 WIDTH = 1.5
 DEPTH = 1.5

C.C. STATION = 74+518
 SKEW = 26°
 No. OF CELL = 1
 WIDTH = 2.5
 DEPTH = 2.5



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-2
 (Km 57+500 TO Km 121+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
 73+819.38 - 74+496.81

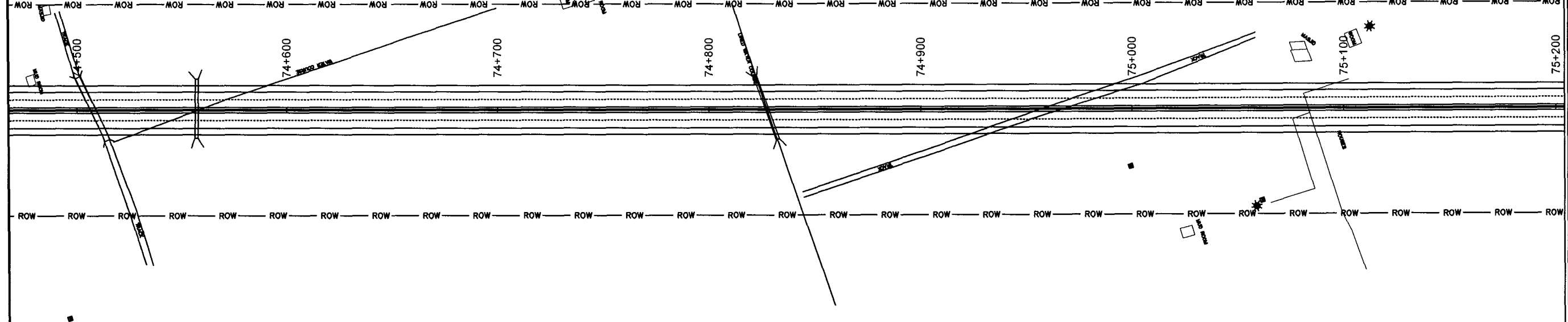
DESIGN BY: A.S	SHEET NO.: 26 OF 98
DRAWN BY: S.A	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024
APPROVED BY:	REVISION:

CAD FILE NAME:
 CAREC/T-III/TD/009

C.C. STATION = 74+518
 SKEW = 26°
 No. OF CELL = 1
 WIDTH = 2.5
 DEPTH = 2.5

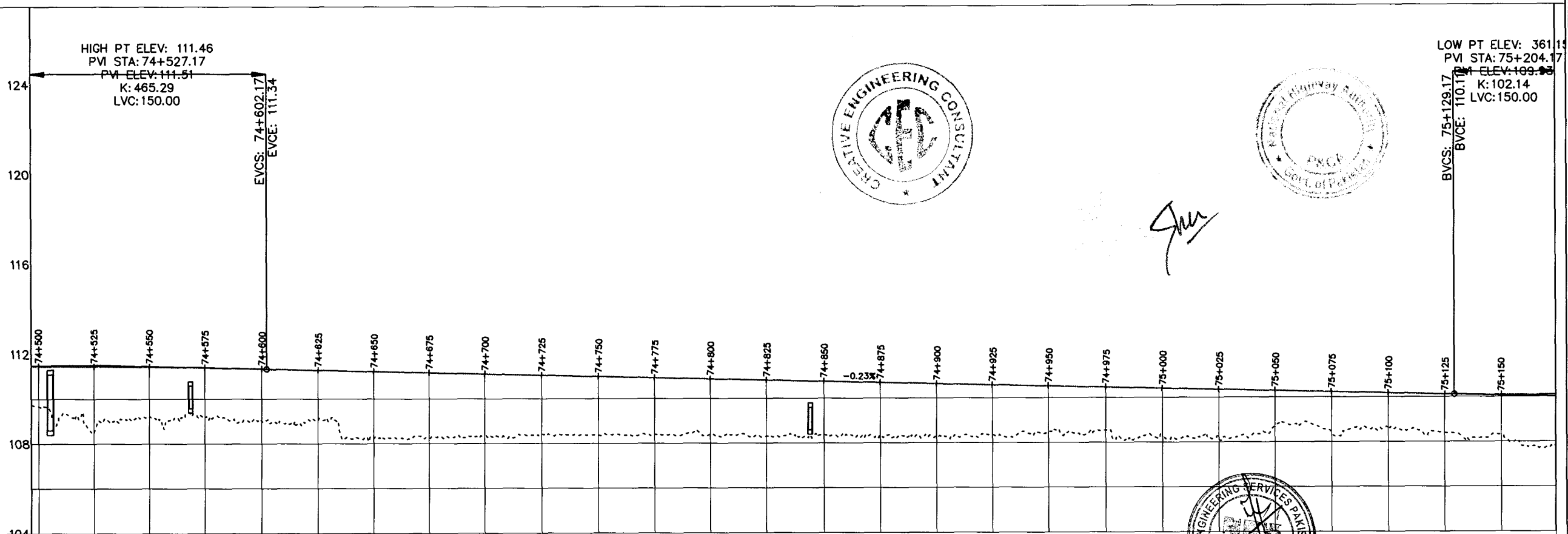
BOX CULVERT STATION = 74+568
 SKEW = 0°
 No. OF CELL = 01
 WIDTH = 1.5
 DEPTH = 1.2

BOX CULVERT STATION = 74+838
 SKEW = 0°
 No. OF CELL = 01
 WIDTH = 1.5
 DEPTH = 1.2



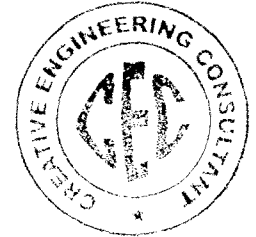
HIGH PT ELEV: 111.46
 PVI STA: 74+527.17
 PVI ELEV: 111.51
 K: 465.29
 LVC: 150.00

LOW PT ELEV: 361.15
 PVI STA: 75+204.17
 PVI ELEV: 109.93
 K: 102.14
 LVC: 150.00

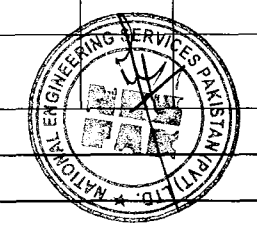


L=2791.53m
 Grade (-0.23%)
 Tangent Length (527.00)
 Chainage (75+129.17)
 Elevation (110.11)

CH	74+500	74+525	74+550	74+575	74+600	74+625	74+650	74+675	74+700	74+725	74+750	74+775	74+800	74+825	74+850	74+875	74+900	74+925	74+950	74+975	75+000	75+025	75+050	75+075	75+100	75+125	75+150	75+174
P.G.L	111.462	111.452	111.428	111.391	111.341	111.283	111.225	111.166	111.108	111.050	110.991	110.933	110.875	110.817	110.758	110.700	110.642	110.583	110.525	110.467	110.408	110.350	110.292	110.234	110.175	110.117	110.080	
N.S.L	109.755	108.487	109.198	109.207	109.011	109.081	108.215	108.252	108.351	108.376	108.368	108.363	108.344	108.307	108.355	108.359	108.327	108.361	108.498	108.544	108.287	108.138	108.734	108.393	108.560	108.405	108.312	
CH	74+500	74+525	74+550	74+575	74+600	74+625	74+650	74+675	74+700	74+725	74+750	74+775	74+800	74+825	74+850	74+875	74+900	74+925	74+950	74+975	75+000	75+025	75+050	75+075	75+100	75+125	75+150	



Signature



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-2
 (Km 57+500 TO Km 121+500)

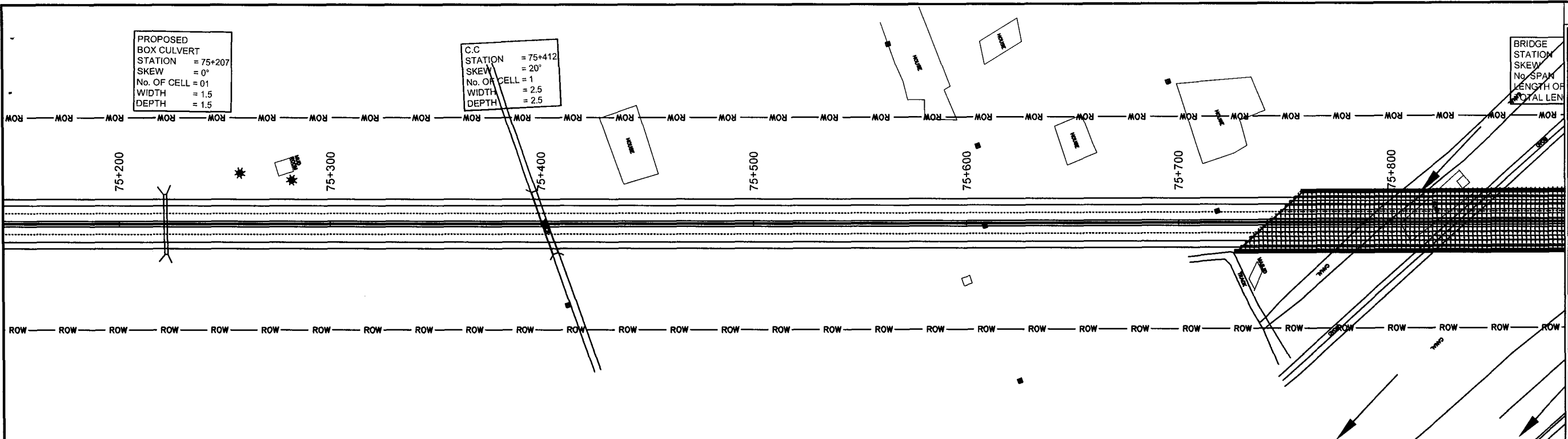
CLIENT:
 NATIONAL HIGHWAYS AUTHORITY (NHA)

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

DRAWING TITLE:
 PLAN & PROFILE
 74+496.81 - 75+174.23

DESIGN BY: A.S.	SHEET NO: 27 OF 98
DRAWN BY: S.A.	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S.	DATE: APRIL, 2024
APPROVED BY:	REVISION:

CAD FILE NAME:
 CAREC/T-III/TD/009



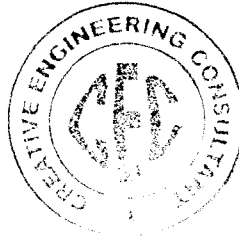
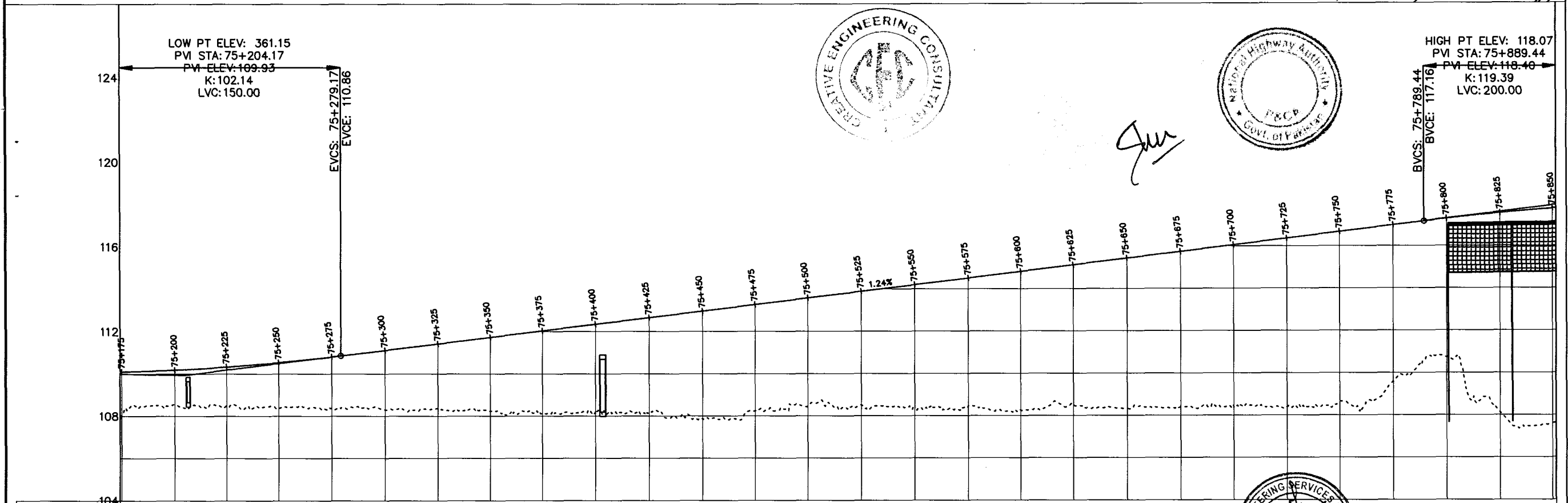
PROPOSED
BOX CULVERT
STATION = 75+207
SKEW = 0°
No. OF CELL = 01
WIDTH = 1.5
DEPTH = 1.5

C.C.
STATION = 75+412
SKEW = 20°
No. OF CELL = 1
WIDTH = 2.5
DEPTH = 2.5

BRIDGE
STATION
SKEW
No. SPAN
LENGTH OF
TOTAL LEN

NOTES
1:- ALL DIMENSIONS AND ARE IN METERS.

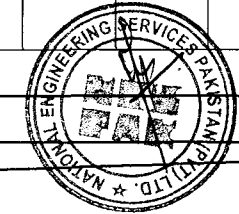
LEGEND

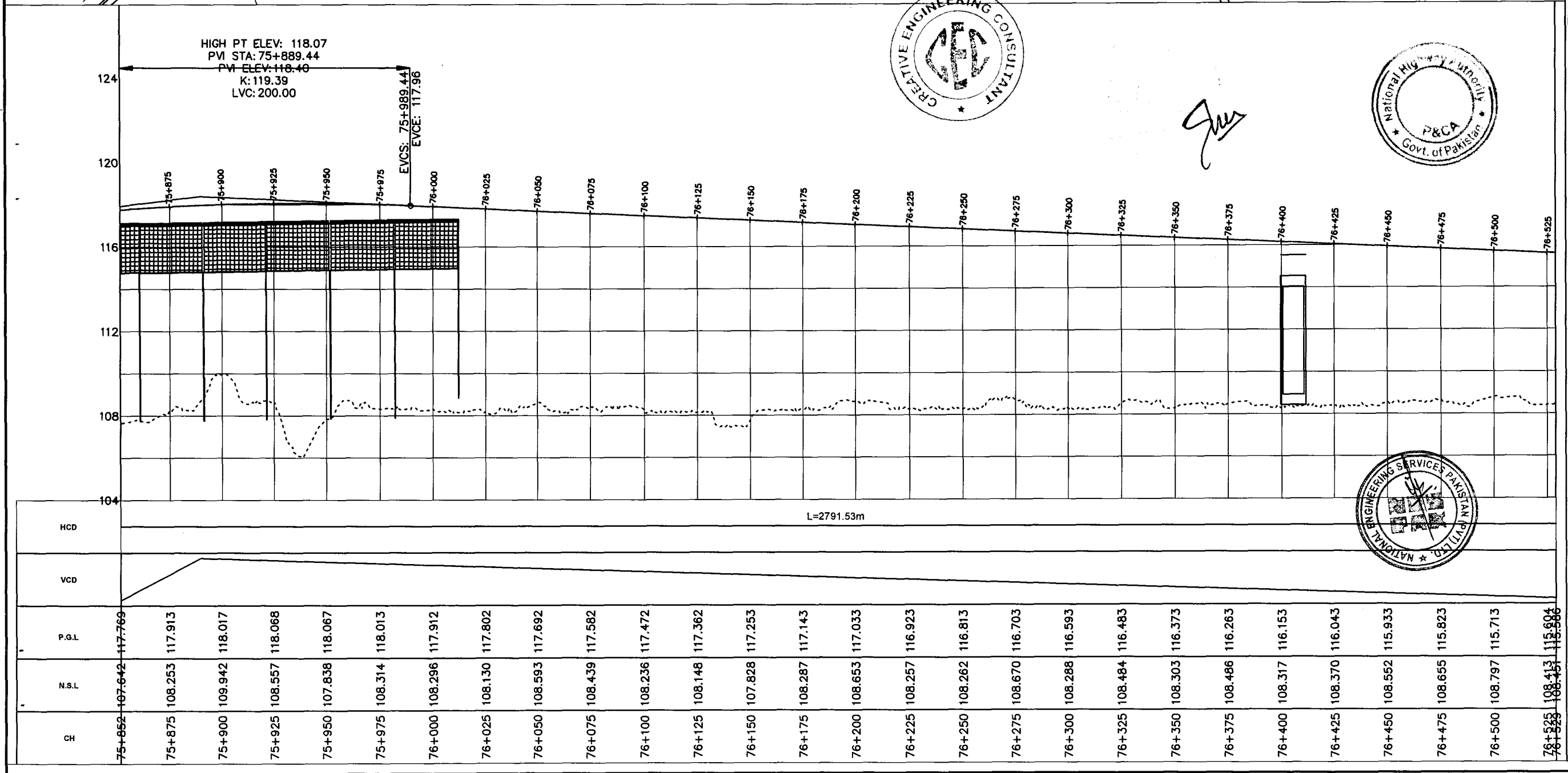
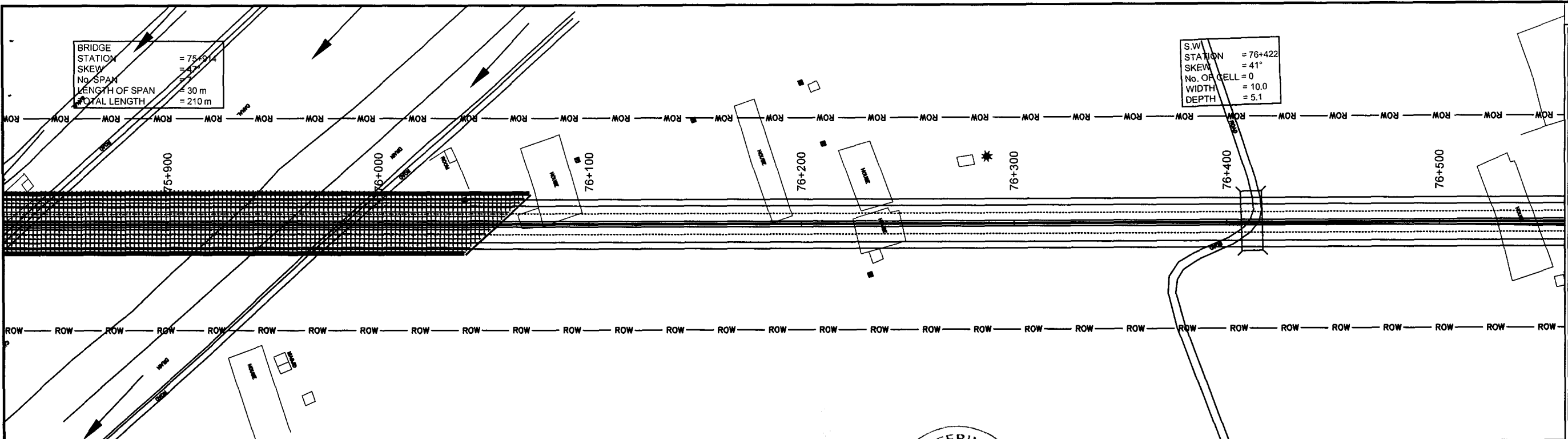


Jur

REV.	REVISION/ISSUE	DATE
TENDER DRAWINGS		
PROJECT:		
CONSTRUCTION OF RAJANPUR-DG KHAN SECTION OF N-55 AS 4-LANE HIGHWAY (121.50 Km) PACKAGE-2 (Km 57+500 TO Km 121+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 75+174.23 - 75+851.65		
DESIGN BY:	SHEET NO:	
A.S	28 OF 98	
DRAWN BY:	SCALE: H = 1:2000 V = 1:100	
S.A		
CHECKED BY:	DATE:	
A.S	APRIL, 2024	
APPROVED BY:	REVISION:	
CAD FILE NAME:		
CAREC/T-III/TD/009		

HCD	L=2791.53m																											
VCD	Grade (1.24%) Tangent Length (510.27) Chainage (75+789.44) Elevation (117.16)																											
P.G.L	75+175	75+200	75+225	75+250	75+275	75+300	75+325	75+350	75+375	75+400	75+425	75+450	75+475	75+500	75+525	75+550	75+575	75+600	75+625	75+650	75+675	75+700	75+725	75+750	75+775	75+800	75+825	75+850
N.S.L	108.055	108.537	108.490	108.382	108.376	108.299	108.347	108.226	108.145	108.250	108.225	107.856	108.246	108.439	108.509	108.303	108.455	108.252	108.514	108.315	108.408	108.368	108.399	108.652	109.593	110.751	108.117	107.602
CH	110.103	110.188	110.333	110.540	110.808	111.116	111.425	111.734	112.043	112.352	112.661	112.969	113.278	113.587	113.896	114.205	114.514	114.823	115.131	115.440	115.749	116.058	116.367	116.676	116.985	117.289	117.549	117.763





Station	75+852	75+875	75+900	75+925	75+950	75+975	76+000	76+025	76+050	76+075	76+100	76+125	76+150	76+175	76+200	76+225	76+250	76+275	76+300	76+325	76+350	76+375	76+400	76+425	76+450	76+475	76+500	76+525
P.O.L	117.769	117.913	118.017	118.068	118.067	118.013	117.912	117.802	117.692	117.582	117.472	117.362	117.253	117.143	117.033	116.923	116.813	116.703	116.593	116.483	116.373	116.263	116.153	116.043	115.933	115.823	115.713	115.604
N.S.L	107.642	108.253	109.942	108.557	107.838	108.314	108.296	108.130	108.593	108.439	108.236	108.148	107.828	108.287	108.653	108.257	108.262	108.670	108.288	108.484	108.303	108.486	108.317	108.370	108.562	108.655	108.797	115.886
CH	107.642	108.253	109.942	108.557	107.838	108.314	108.296	108.130	108.593	108.439	108.236	108.148	107.828	108.287	108.653	108.257	108.262	108.670	108.288	108.484	108.303	108.486	108.317	108.370	108.562	108.655	108.797	115.886

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-2 (Km 57+500 TO Km 121+500)

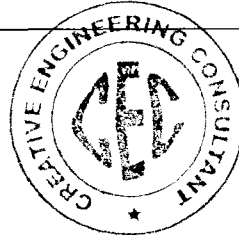
CLIENT:
NATIONAL HIGHWAYS AUTHORITY (NHA)

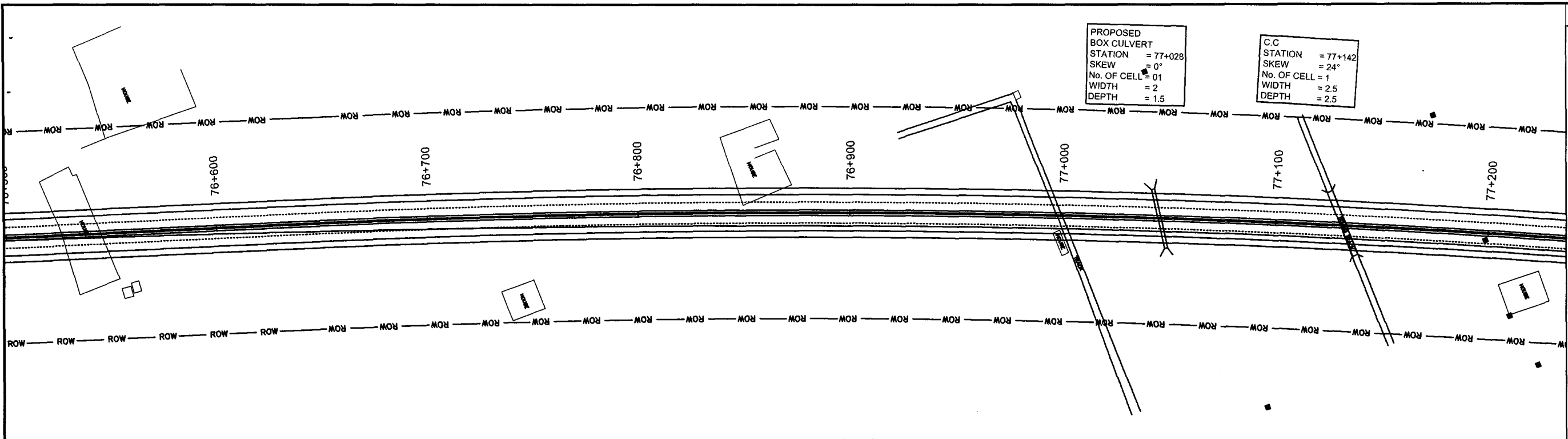
CONSULTANTS:
 MINCONSULT SDN BHD In Joint Venture With
 SAMAN CORPORATION
 SHELDIA ASSOCIATES
 CEC
 AAA
 ACE
 AA
 ACC

DRAWING TITLE:
PLAN & PROFILE
75+851.65 - 76+529.08

DESIGN BY: A.S	SHEET NO: 29 OF 98
DRAWN BY: S.A	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024
APPROVED BY:	REVISION:

CAD FILE NAME:
CAREC/T-III/TD/009



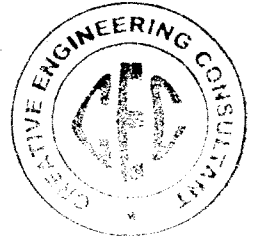
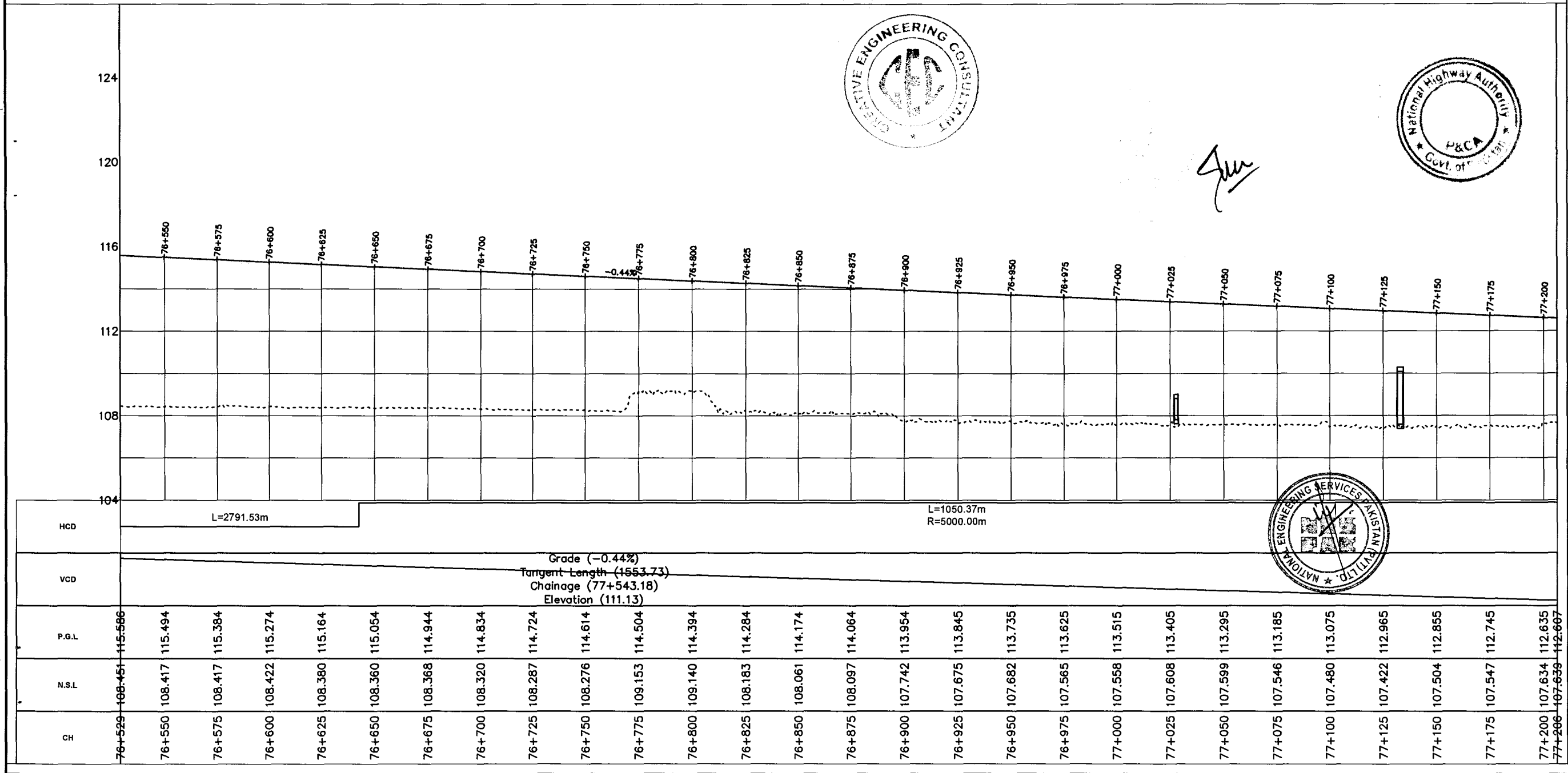


PROPOSED
BOX CULVERT
STATION = 77+028
SKEW = 0°
No. OF CELL = 01
WIDTH = 2
DEPTH = 1.5

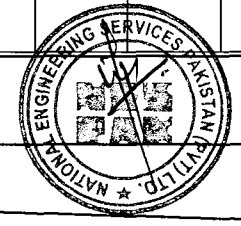
C.C
STATION = 77+142
SKEW = 24°
No. OF CELL = 1
WIDTH = 2.5
DEPTH = 2.5

NOTES
1- ALL DIMENSIONS AND ARE IN METERS

LEGEND



Signature



REV.	REVISION/ISSUE	DATE

PROJECT:
CONSTRUCTION OF RAJANPUR-DG KHAN
SECTION OF N-55 AS 4-LANE HIGHWAY
(121.50 Km)
PACKAGE-2
(Km 57+500 TO Km 121+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
76+529.08 - 77+206.50

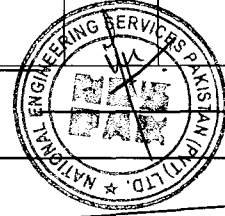
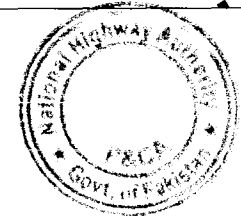
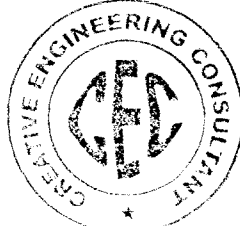
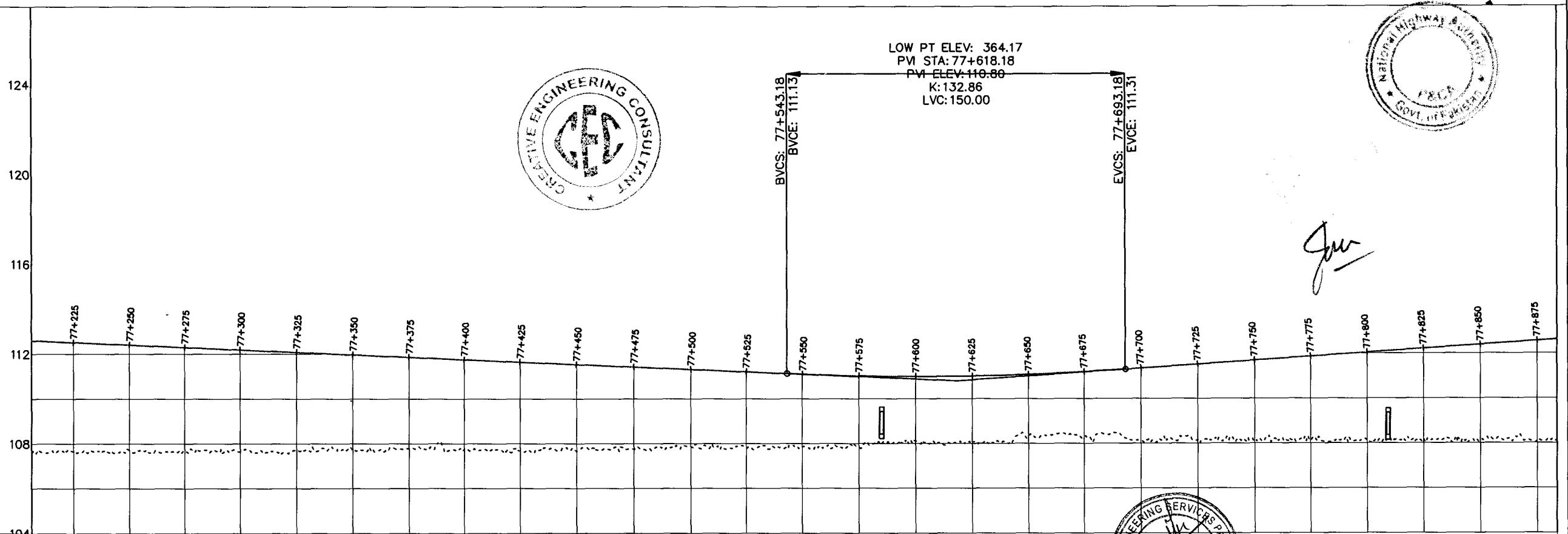
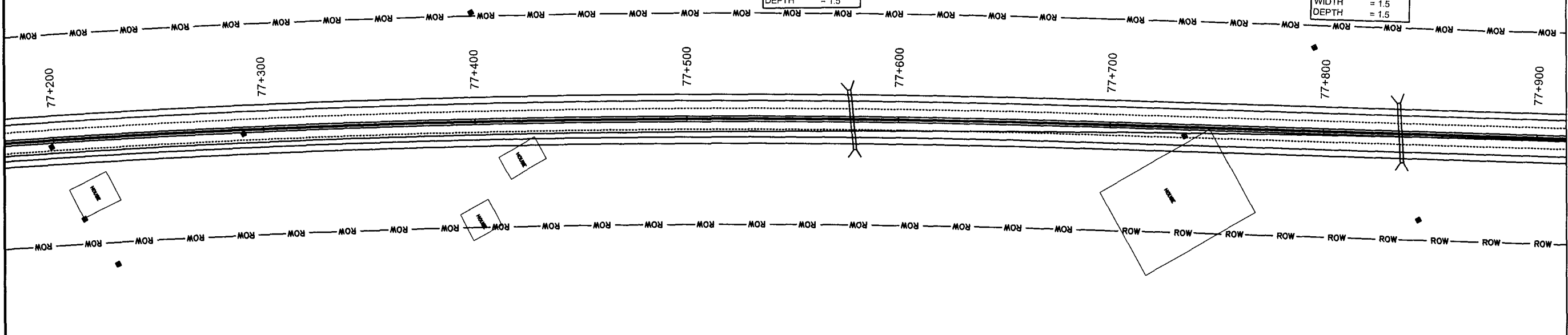
DESIGN BY: A.S	SHEET NO: 30 OF 98
DRAWN BY: S.A	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024
APPROVED BY:	REVISION:

CAD FILE NAME:
CAREC/T-III/TD/009

CH	76+525	76+550	76+575	76+600	76+625	76+650	76+675	76+700	76+725	76+750	76+775	76+800	76+825	76+850	76+875	76+900	76+925	76+950	76+975	77+000	77+025	77+050	77+075	77+100	77+125	77+150	77+175	77+200
HCD																												
VCD																												
P.G.L	115.586	115.494	115.384	115.274	115.164	115.054	114.944	114.834	114.724	114.614	114.504	114.394	114.284	114.174	114.064	113.954	113.845	113.735	113.625	113.515	113.405	113.295	113.185	113.075	112.965	112.855	112.745	112.635
N.S.L	108.451	108.417	108.417	108.422	108.380	108.360	108.368	108.320	108.287	108.276	109.153	109.140	108.183	108.061	108.097	107.742	107.675	107.682	107.565	107.558	107.608	107.599	107.546	107.480	107.422	107.504	107.547	107.634
CH	76+529	76+550	76+575	76+600	76+625	76+650	76+675	76+700	76+725	76+750	76+775	76+800	76+825	76+850	76+875	76+900	76+925	76+950	76+975	77+000	77+025	77+050	77+075	77+100	77+125	77+150	77+175	77+200

PROPOSED
BOX CULVERT
STATION = 77+586
SKEW = 0°
No. OF CELL = 01
WIDTH = 1.5
DEPTH = 1.5

PROPOSED
BOX CULVERT
STATION = 77+812
SKEW = 0°
No. OF CELL = 01
WIDTH = 1.5
DEPTH = 1.5



HCD	L=1050.37m R=5000.00m																				L=1772.89m																			
VCD																																								
P.G.L	112.667	112.525	112.415	112.305	112.196	112.086	111.976	111.866	111.756	111.646	111.536	111.426	111.316	111.206	111.098	111.024	110.998	111.018	111.086	111.200	111.360	111.533	111.705	111.877	112.050	112.222	112.394	112.567	112.628											
N.S.L	107.639	107.676	107.674	107.679	107.664	107.678	107.666	107.776	107.777	107.664	107.670	107.751	107.863	107.781	107.860	107.813	108.108	108.025	108.298	108.254	108.119	108.147	108.074	108.120	108.143	108.109	108.099	108.114	108.122											
SE	77+200	77+225	77+250	77+275	77+300	77+325	77+350	77+375	77+400	77+425	77+450	77+475	77+500	77+525	77+550	77+575	77+600	77+625	77+650	77+675	77+700	77+725	77+750	77+775	77+800	77+825	77+850	77+875	77+884											

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-2
(Km 57+500 TO Km 121+500)

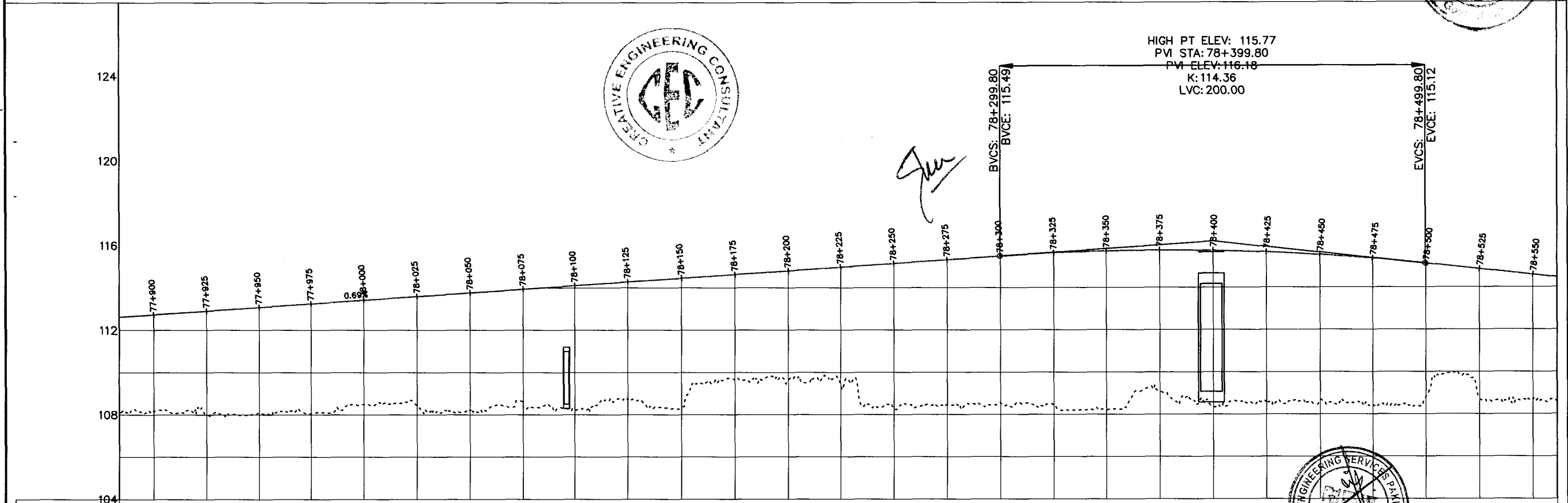
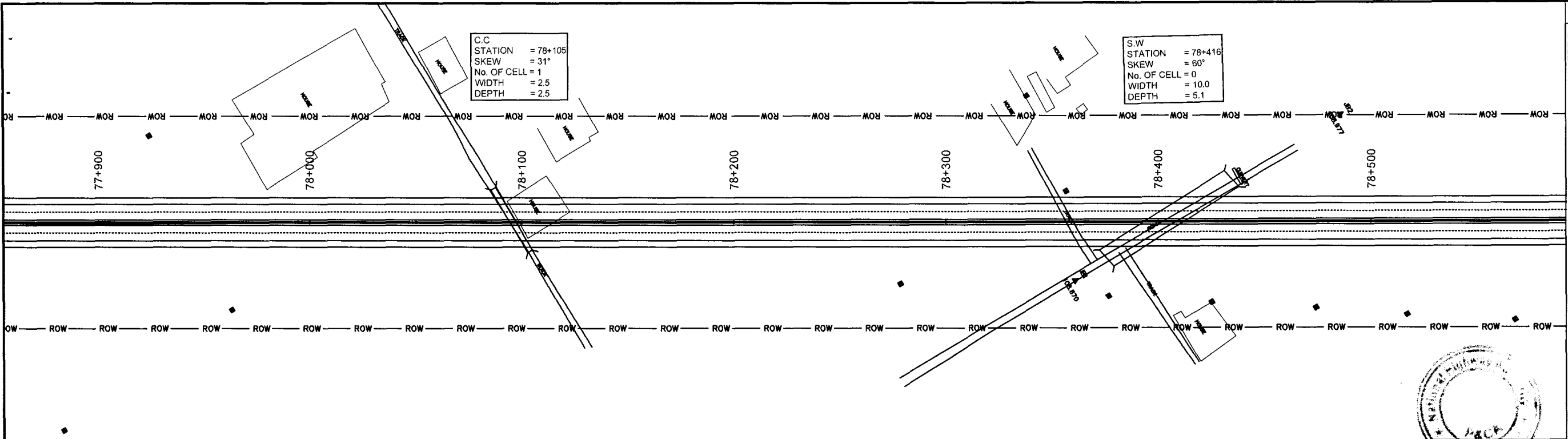
CLIENT:
NHA NATIONAL HIGHWAYS AUTHORITY (NHA)

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

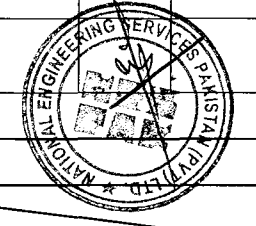
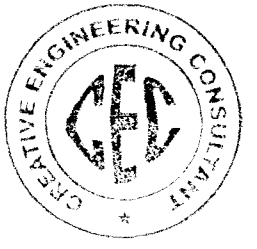
DRAWING TITLE:
PLAN & PROFILE
77+206.50 - 77+883.92

DESIGN BY: A.S	SHEET NO: 31 OF 98
DRAWN BY: S.A	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024
APPROVED BY:	REVISION:

CAD FILE NAME:
CAREC/T-III/TD/009



Station	CH	N.S.L	P.G.L
77+884	108.422	112.628	
77+900	108.176	112.739	
77+925	108.006	112.911	
77+950	108.066	113.084	
77+975	108.083	113.256	
78+000	108.490	113.428	
78+025	108.413	113.601	
78+050	108.225	113.773	
78+075	108.342	113.945	
78+100	108.240	114.118	
78+125	108.753	114.290	
78+150	108.341	114.462	
78+175	109.652	114.635	
78+200	109.648	114.807	
78+225	109.354	114.979	
78+250	108.273	115.152	
78+275	108.458	115.324	
78+300	108.546	115.496	
78+325	108.388	115.641	
78+350	108.220	115.731	
78+375	109.097	115.766	
78+400	108.344	115.746	
78+425	108.496	115.672	
78+450	108.671	115.544	
78+475	108.428	115.360	
78+500	108.812	115.122	
78+525	108.713	114.857	
78+550	108.667	114.593	
78+561	108.660	114.472	



NOTES
1- ALL DIMENSIONS AND ARE IN METERS.

LEGEND

REV	REVISION/ISSUE	DATE
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TENDER DRAWINGS

PROJECT:
CONSTRUCTION OF RAJANPUR-DG KHAN SECTION OF N-55 AS 4-LANE HIGHWAY (121.50 Km)
PACKAGE-2 (Km 57+500 TO Km 121+500)

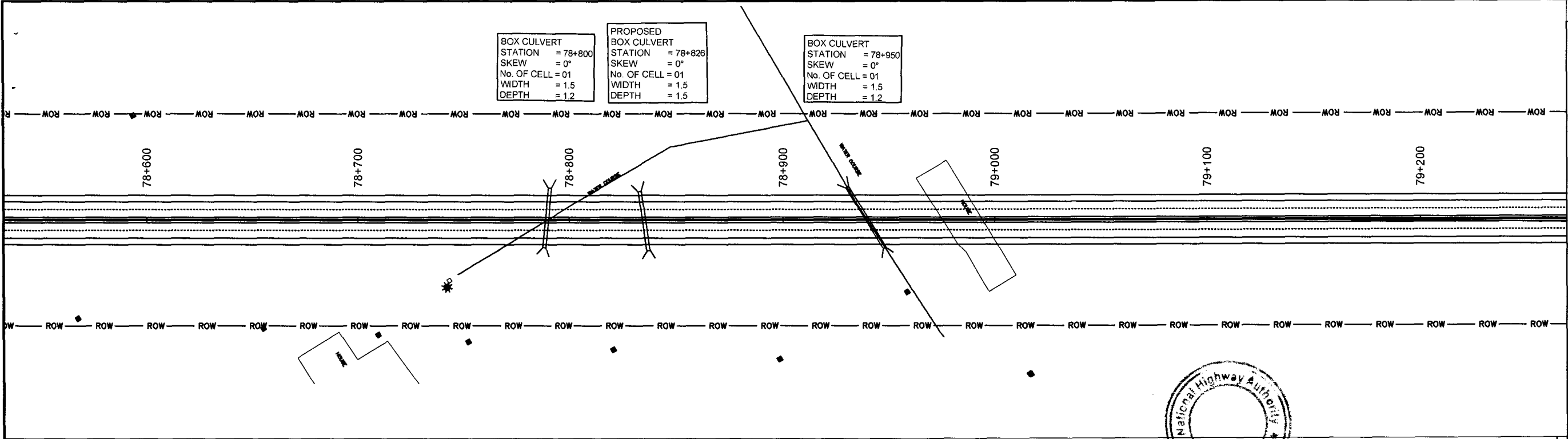
CLIENT:
NHA NATIONAL HIGHWAYS AUTHORITY (NHA)

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

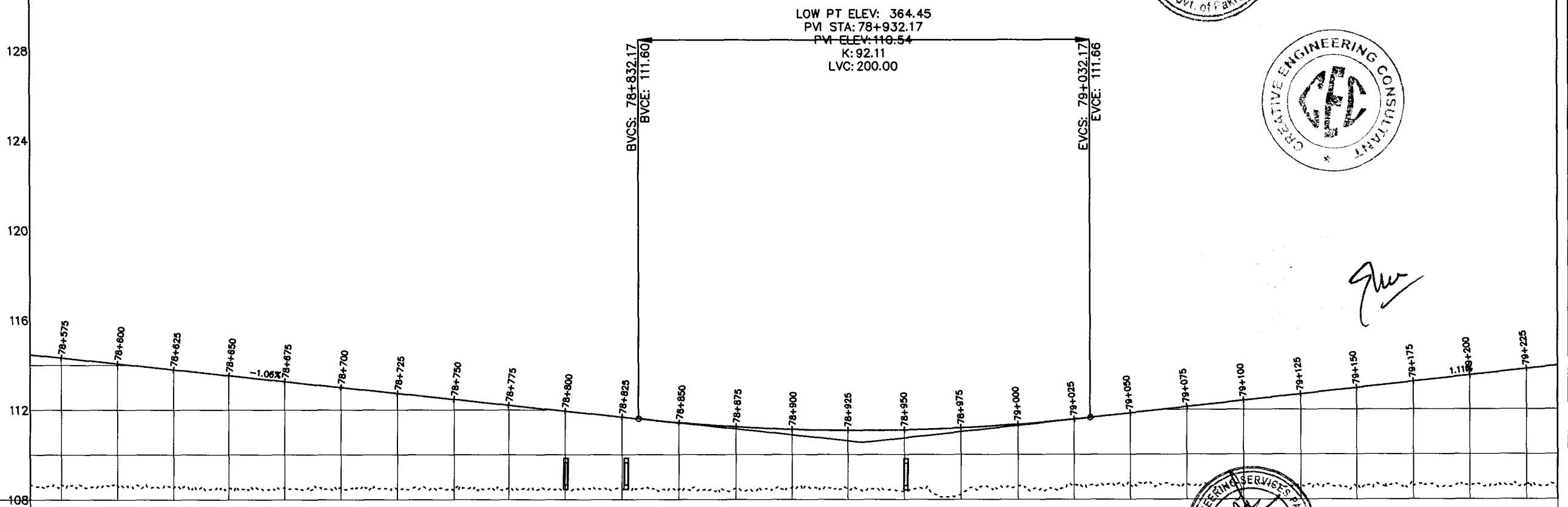
DRAWING TITLE:
PLAN & PROFILE
77+883.92 - 78+561.35

DESIGN BY:	SHEET NO:
A.S	32 OF 98
DRAWN BY:	SCALE:
S.A	H = 1:2000 V = 1:100
CHECKED BY:	DATE:
A.S	APRIL, 2024
APPROVED BY:	REVISION:

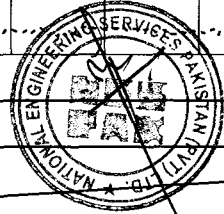
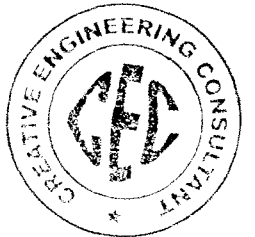
CAD FILE NAME:
CAREC/T-III/TD/009



BOX CULVERT	PROPOSED BOX CULVERT	BOX CULVERT
STATION = 78+800	STATION = 78+825	STATION = 78+950
SKEW = 0°	SKEW = 0°	SKEW = 0°
No. OF CELL = 01	No. OF CELL = 01	No. OF CELL = 01
WIDTH = 1.5	WIDTH = 1.5	WIDTH = 1.5
DEPTH = 1.2	DEPTH = 1.5	DEPTH = 1.2



HCD	L=1772.89m																												
VCD	Grade (-1.06%) Tangent Length (332.37) Chainage (78+832.17) Elevation (111.60)										Grade (1.11%) Tangent Length (328.43) Chainage (79+360.60) Elevation (115.31)																		
P.G.L	78+561	78+575	78+600	78+625	78+650	78+675	78+700	78+725	78+750	78+775	78+800	78+825	78+850	78+875	78+900	78+925	78+950	78+975	79+000	79+025	79+050	79+075	79+100	79+125	79+150	79+175	79+200	79+225	79+238
N.S.L	108.660	108.673	108.637	108.534	108.513	108.531	108.521	108.479	108.427	108.514	108.457	108.482	108.470	108.504	108.547	108.461	108.358	108.210	108.582	108.594	108.654	108.669	108.671	108.629	108.586	108.585	108.639	108.650	108.496
GH	114.472	114.328	114.063	113.798	113.533	113.268	113.003	112.738	112.473	112.208	111.944	111.679	111.431	111.249	111.134	111.087	111.108	111.197	111.354	111.578	111.853	112.131	112.409	112.687	112.965	113.243	113.521	113.799	113.952



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-2 (Km 57+500 TO Km 121+500)

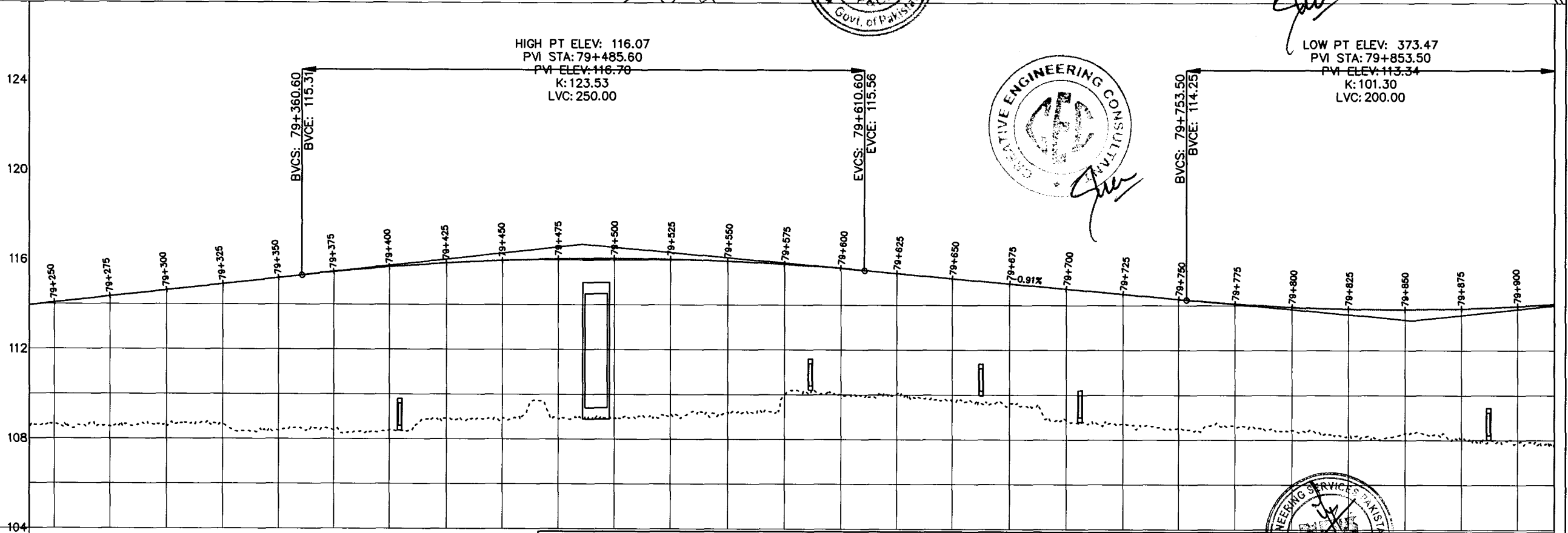
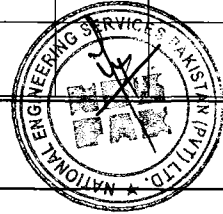
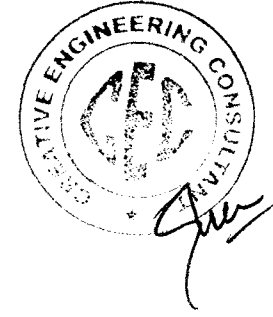
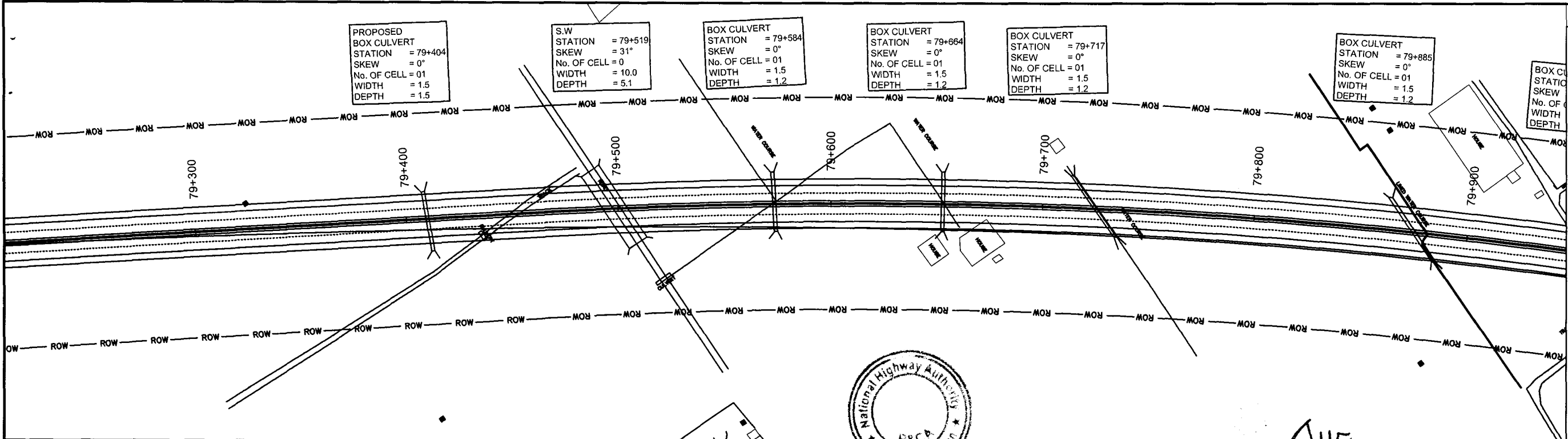
CLIENT:
NATIONAL HIGHWAYS AUTHORITY (NHA)

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

DRAWING TITLE:
PLAN & PROFILE
78+561.35 - 79+238.77

DESIGN BY: A.S	SHEET NO: 33 OF 98
DRAWN BY: S.A	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024
APPROVED BY:	REVISION:

CAD FILE NAME:
CAREC/T-III/TD/009



Station	HCD	VCD	P.G.L	N.S.L	CH
79+239			108.498	108.498	113.952
79+250			108.649	108.649	114.077
79+275			108.546	108.546	114.355
79+300			108.660	108.660	114.633
79+325			108.663	108.663	114.911
79+350			108.359	108.359	115.189
79+375			108.396	108.396	115.458
79+400			108.386	108.386	115.682
79+425			108.918	108.918	115.855
79+450			108.939	108.939	115.977
79+475			108.905	108.905	116.049
79+500			108.929	108.929	116.070
79+525			109.060	109.060	116.041
79+550			109.209	109.209	115.960
79+575			109.991	109.991	115.830
79+600			109.974	109.974	115.649
79+625			110.047	110.047	115.425
79+650			109.699	109.699	115.197
79+675			109.575	109.575	114.969
79+700			108.885	108.885	114.741
79+725			108.742	108.742	114.513
79+750			108.521	108.521	114.285
79+775			108.570	108.570	114.080
79+800			108.451	108.451	113.936
79+825			108.177	108.177	113.854
79+850			108.309	108.309	113.833
79+875			108.097	108.097	113.874
79+900			107.916	107.916	113.977
79+916			107.740	107.740	114.076

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-2 (Km 57+500 TO Km 121+500)

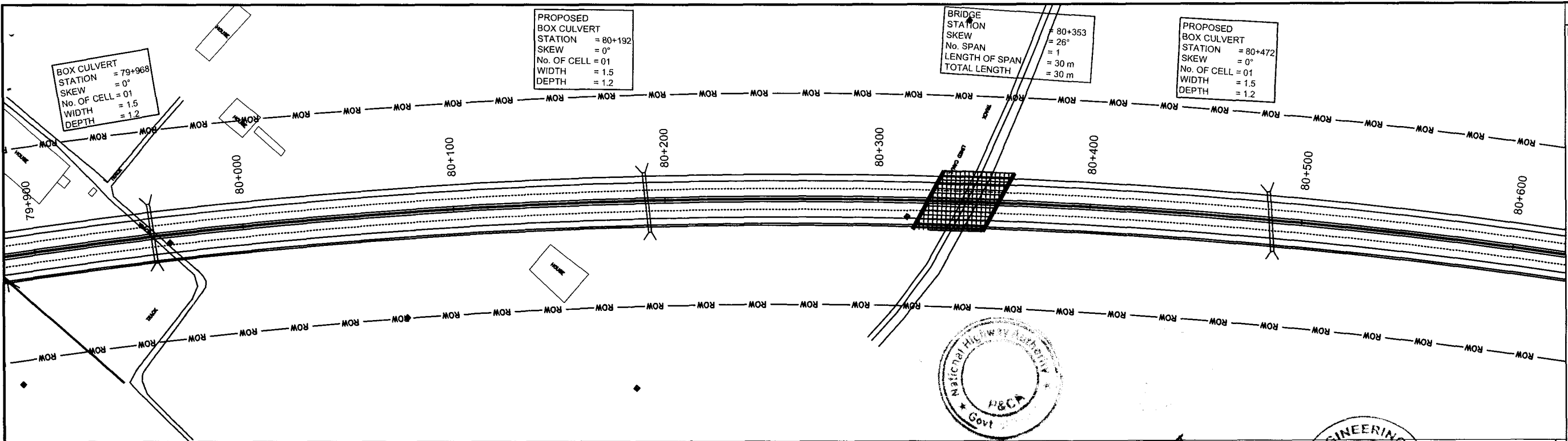
CLIENT:
NATIONAL HIGHWAYS AUTHORITY (NHA)

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

DRAWING TITLE:
PLAN & PROFILE
79+238.77 - 79+916.19

DESIGN BY:	SHEET NO:
A.S	34 OF 98
DRAWN BY:	SCALE: H = 1:2000 V = 1:100
S.A	
CHECKED BY:	DATE:
A.S	APRIL, 2024
APPROVED BY:	REVISION:

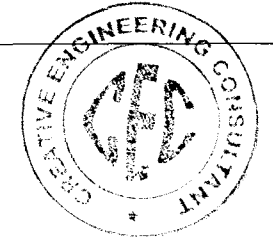
CAD FILE NAME:
CAREC/T-III/TD/009



PROPOSED
BOX CULVERT
STATION = 80+192
SKEW = 0°
No. OF CELL = 01
WIDTH = 1.5
DEPTH = 1.2

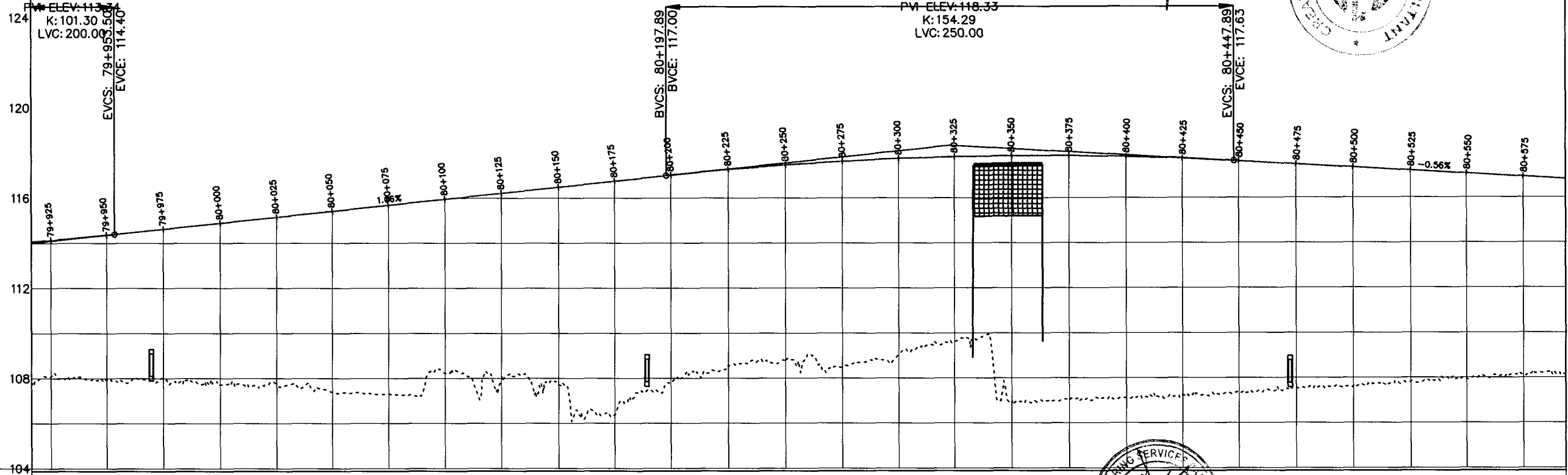
BRIDGE
STATION = 80+353
SKEW = 26°
No. SPAN = 1
LENGTH OF SPAN = 30 m
TOTAL LENGTH = 30 m

PROPOSED
BOX CULVERT
STATION = 80+472
SKEW = 0°
No. OF CELL = 01
WIDTH = 1.5
DEPTH = 1.2



LOW PT ELEV: 373.47
PVI STA: 79+853.50
PM ELEV: 113.33
K: 101.30
LVC: 200.00
EVCS: 79+953.50
EVCE: 114.40

HIGH PT ELEV: 117.87
PVI STA: 80+322.89
PM ELEV: 118.33
K: 154.29
LVC: 250.00
EVCS: 80+447.89
EVCE: 117.63

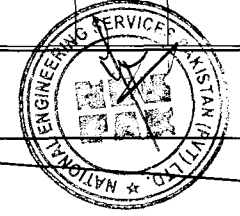


L=1629.52m

Grade (1.06%)
Tangent Length (244.39)
Chainage (80+197.89)
Elevation (117.00)

Grade (-0.56%)
Tangent Length (175.25)
Chainage (80+623.14)
Elevation (116.65)

CH	79+916	79+925	79+950	79+975	80+000	80+025	80+050	80+075	80+100	80+125	80+150	80+175	80+200	80+225	80+250	80+275	80+300	80+325	80+350	80+375	80+400	80+425	80+450	80+475	80+500	80+525	80+550	80+575	80+591.19
HCD	107.740	108.089	107.957	107.957	107.715	107.721	107.380	107.292	108.232	107.950	107.704	106.382	107.795	108.525	108.792	108.495	109.062	109.603	106.928	106.984	107.106	107.230	107.352	107.528	107.630	107.803	107.964	108.155	116.818
VCD	114.676	114.141	114.367	114.632	114.898	115.164	115.429	115.695	115.960	116.226	116.492	116.757	117.023	117.285	117.466	117.627	117.747	117.827	117.867	117.865	117.824	117.742	117.619	117.480	117.340	117.201	117.061	116.922	116.818
P.G.L	114.676	114.141	114.367	114.632	114.898	115.164	115.429	115.695	115.960	116.226	116.492	116.757	117.023	117.285	117.466	117.627	117.747	117.827	117.867	117.865	117.824	117.742	117.619	117.480	117.340	117.201	117.061	116.922	116.818
N.S.L	107.740	108.089	107.957	107.957	107.715	107.721	107.380	107.292	108.232	107.950	107.704	106.382	107.795	108.525	108.792	108.495	109.062	109.603	106.928	106.984	107.106	107.230	107.352	107.528	107.630	107.803	107.964	108.155	116.818
CH	79+916	79+925	79+950	79+975	80+000	80+025	80+050	80+075	80+100	80+125	80+150	80+175	80+200	80+225	80+250	80+275	80+300	80+325	80+350	80+375	80+400	80+425	80+450	80+475	80+500	80+525	80+550	80+575	80+591.19



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-2
(Km 57+500 TO Km 121+500)

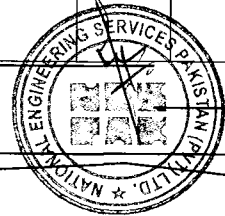
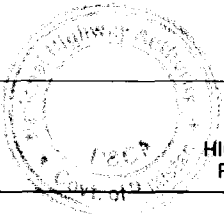
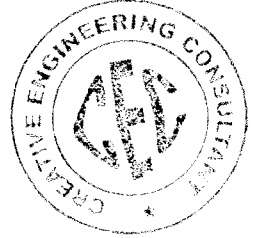
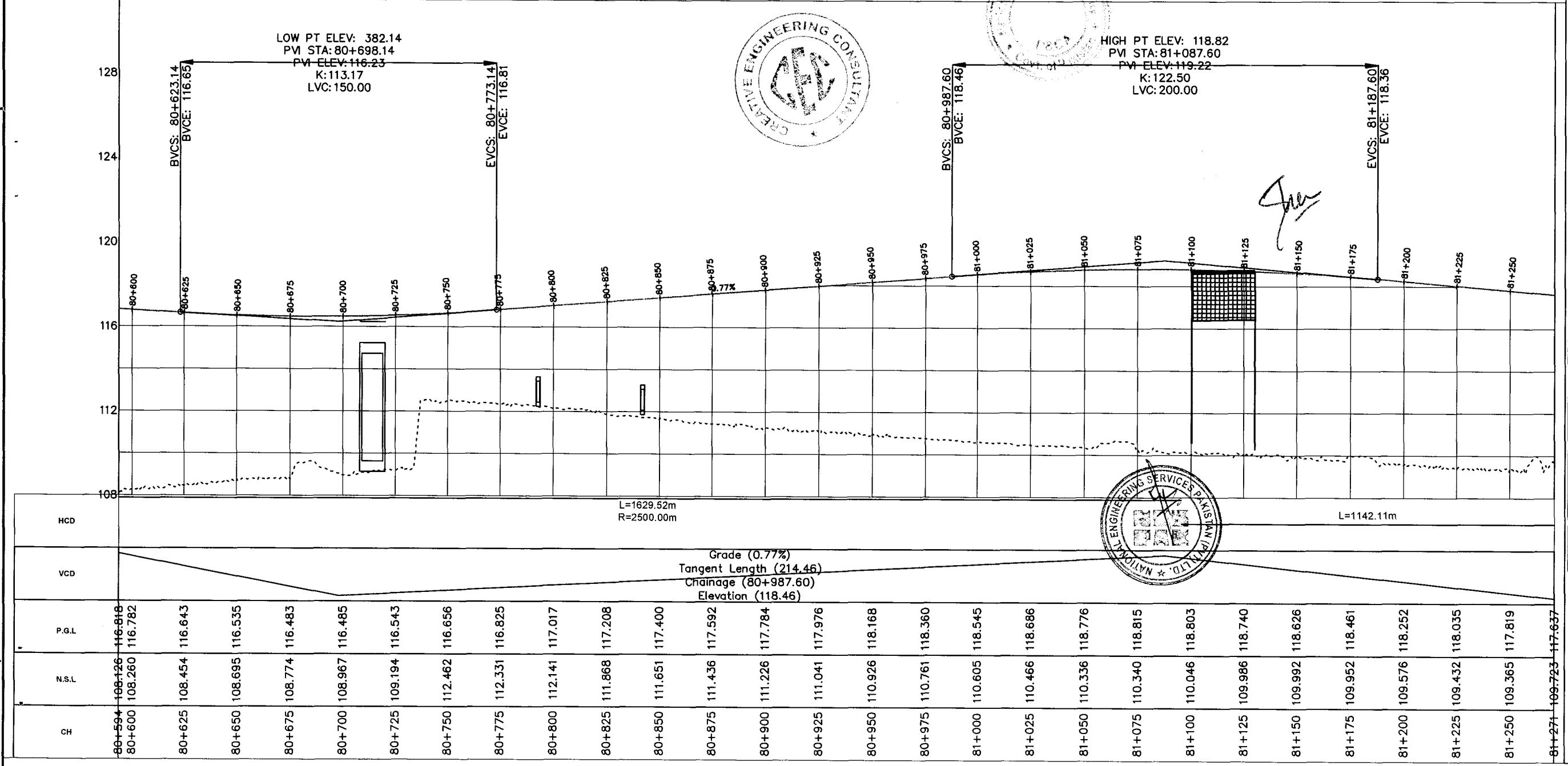
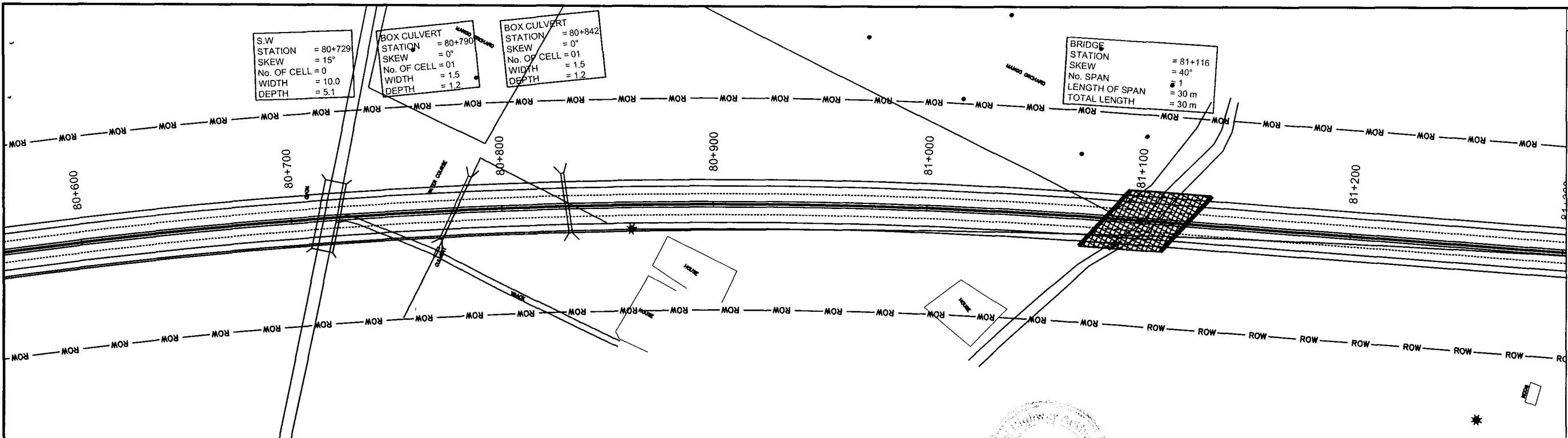
CLIENT:
NHA NATIONAL HIGHWAYS AUTHORITY (NHA)

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

DRAWING TITLE:
PLAN & PROFILE
79+916.19 - 80+593.61

DESIGN BY: A.S	SHEET NO: 35 OF 98
DRAWN BY: S.A	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024
APPROVED BY:	REVISION:

CAD FILE NAME:
CAREC/T-III/TD/009



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-2 (Km 57+500 TO Km 121+500)

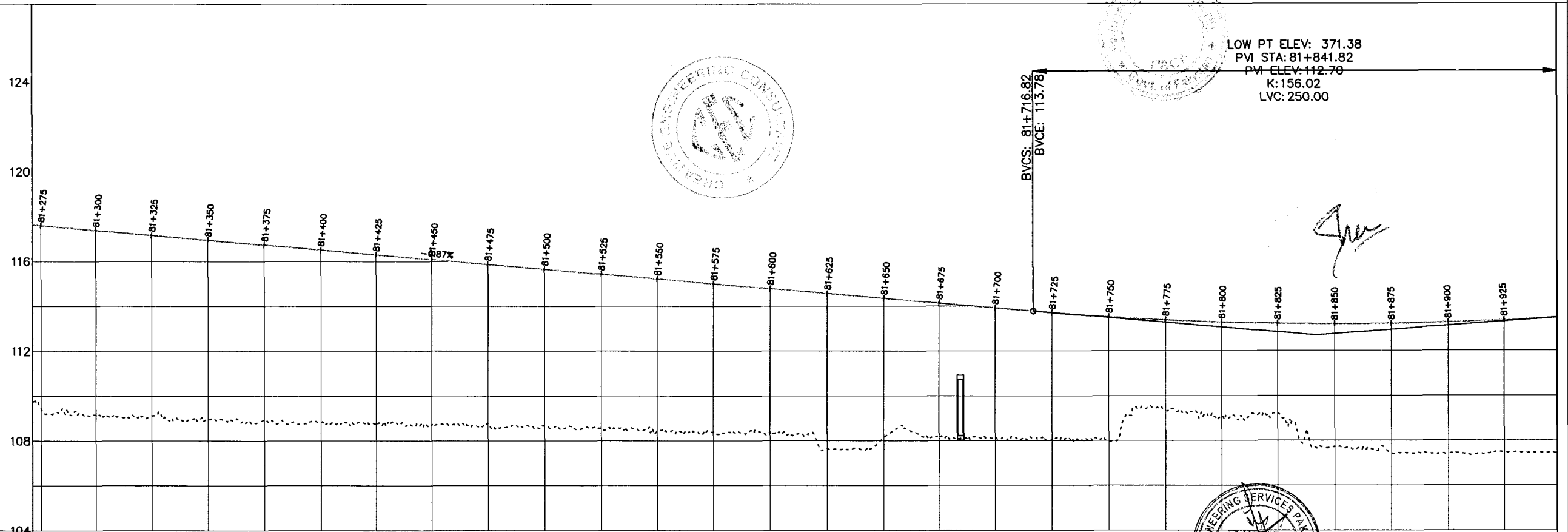
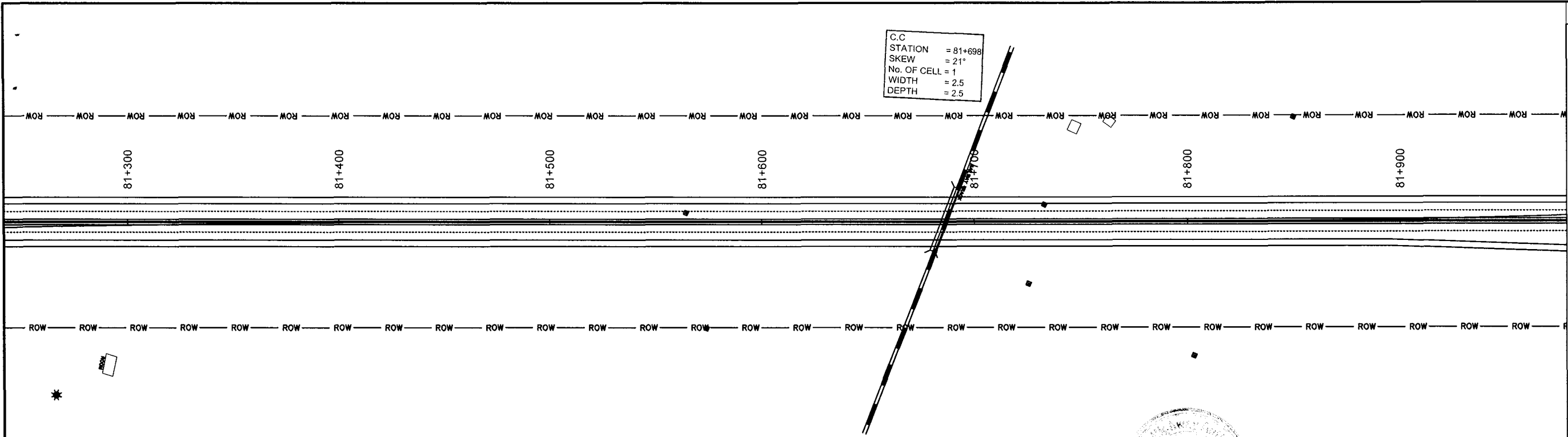
CLIENT:
NHA NATIONAL HIGHWAYS AUTHORITY (NHA)

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

DRAWING TITLE:
PLAN & PROFILE
80+593.61 - 81+271.04

DESIGN BY:	SHEET NO:
A.S	36 OF 98
DRAWN BY:	SCALE: H = 1:2000 V = 1:100
S.A	
CHECKED BY:	DATE: APRIL, 2024
A.S	
APPROVED BY:	REVISION:

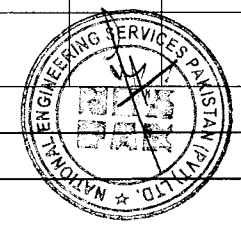
CAD FILE NAME:
CAREC/T-III/TD/009



Station	SH	N.S.L	P.G.L
81+275	108.723	108.763	117.833
81+300	109.148	109.148	117.386
81+325	109.113	109.113	117.170
81+350	108.952	108.952	116.954
81+375	108.898	108.898	116.738
81+400	108.817	108.817	116.521
81+425	108.690	108.690	116.305
81+450	108.698	108.698	116.089
81+475	108.801	108.801	115.872
81+500	108.675	108.675	115.656
81+525	108.554	108.554	115.440
81+550	108.413	108.413	115.224
81+575	108.395	108.395	115.007
81+600	108.376	108.376	114.791
81+625	107.644	107.644	114.575
81+650	108.155	108.155	114.358
81+675	108.179	108.179	114.142
81+700	108.153	108.153	113.926
81+725	108.065	108.065	113.712
81+750	107.969	107.969	113.529
81+775	109.314	109.314	113.385
81+800	109.082	109.082	113.282
81+825	109.237	109.237	113.219
81+850	107.717	107.717	113.196
81+875	107.419	107.419	113.214
81+900	107.420	107.420	113.271
81+925	107.480	107.480	113.368
81+948	107.442	107.442	113.496

Grade (-0.87%)
Tangent Length (529.22)
Chainage (81+716.82)
Elevation (113.78)

L=1142.11m



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-2 (Km 57+500 TO Km 121+500)

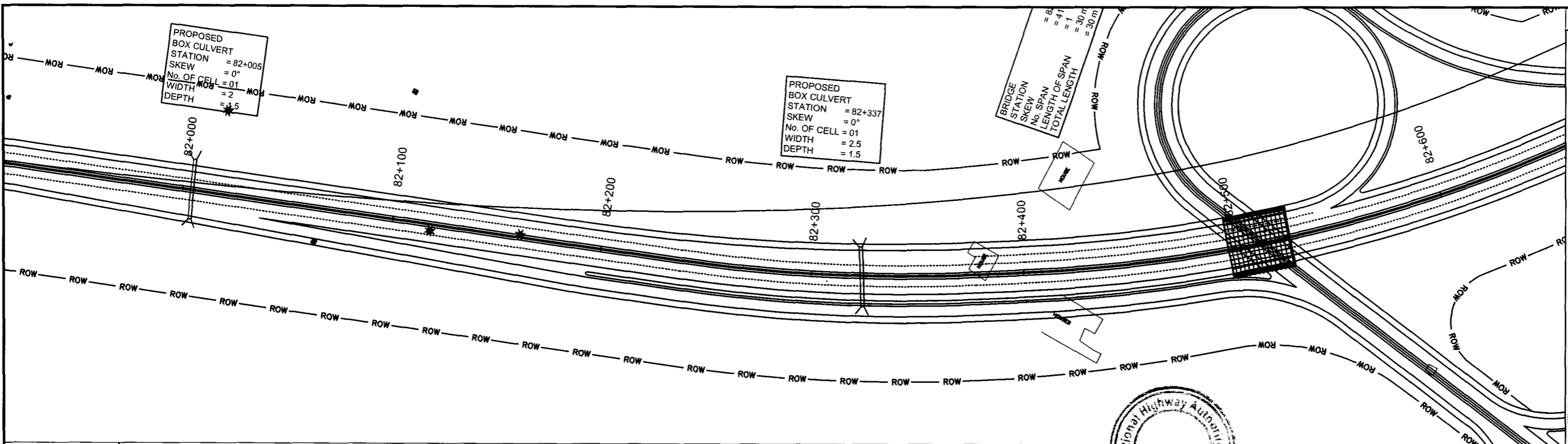
CLIENT:
NHA NATIONAL HIGHWAYS AUTHORITY (NHA)

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

DRAWING TITLE:
PLAN & PROFILE
81+271.04 - 81+948.46

DESIGN BY: A.S	SHEET NO: 27 OF 98
DRAWN BY: S.A	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024
APPROVED BY:	REVISION:

CAD FILE NAME: CAREC/T-III/TD/009



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-2 (Km 57+500 TO Km 121+500)

CLIENT:
NHA NATIONAL HIGHWAYS AUTHORITY (NHA)

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

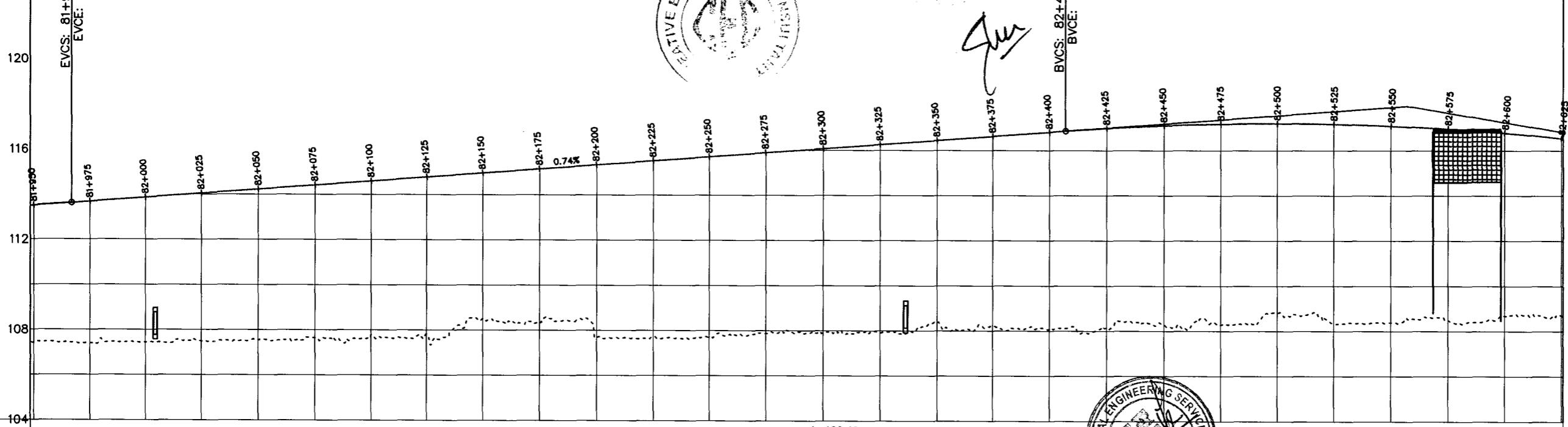
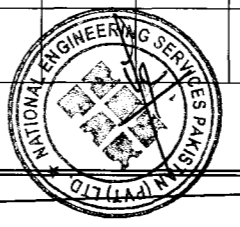
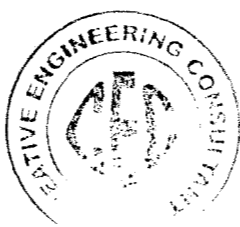
DRAWING TITLE:
PLAN & PROFILE
81+948.46 - 82+625.88

DESIGN BY: A.S. **SHEET NO:** 38 OF 98
DRAWN BY: S.A. **SCALE:** H=1:2000 V=1:100
CHECKED BY: A.S. **DATE:** APRIL, 2024
APPROVED BY: **REVISION:**

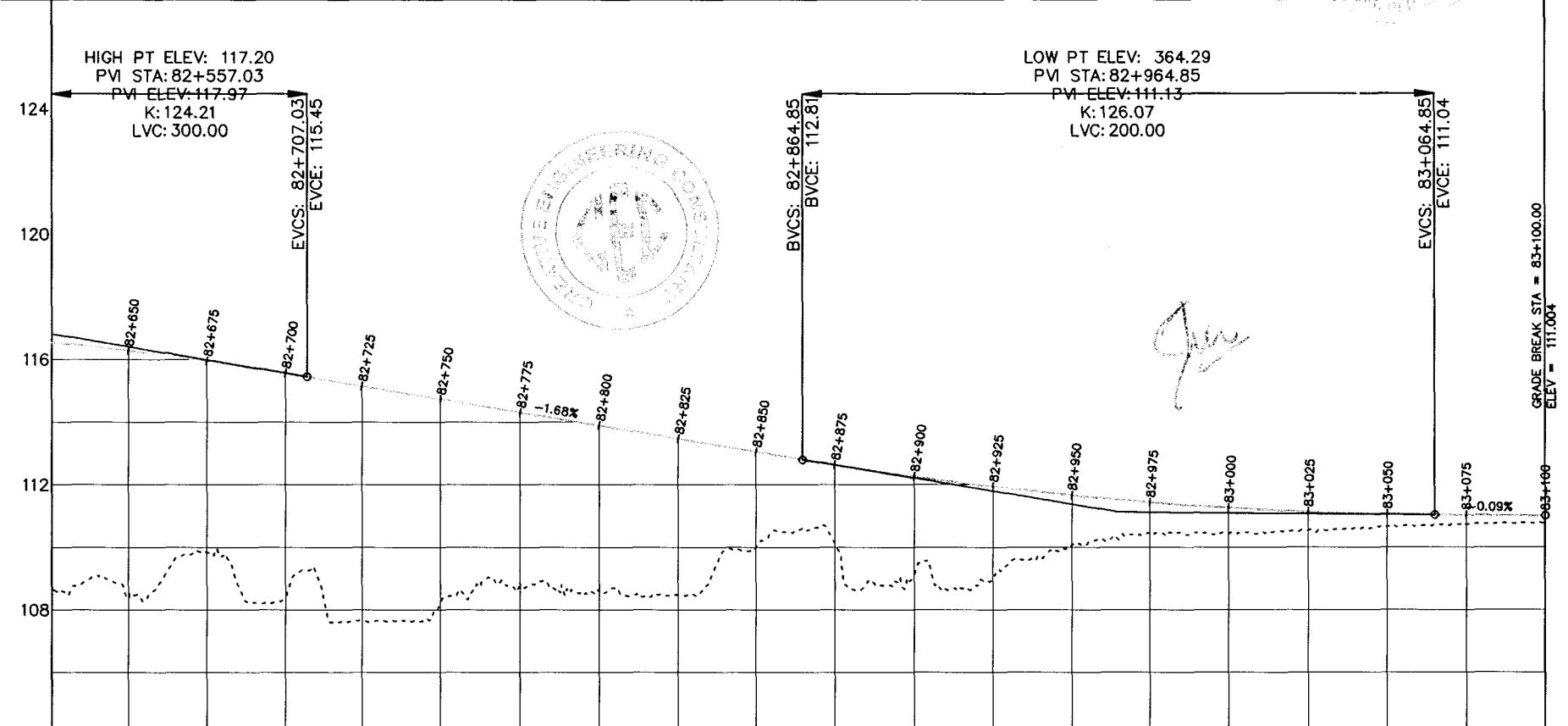
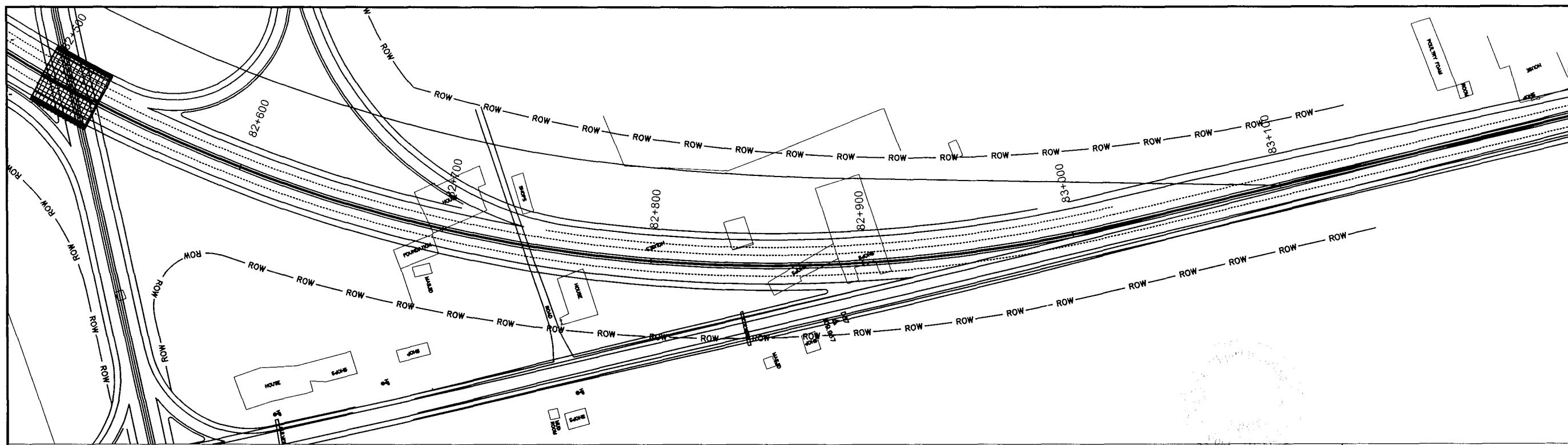
CAD FILE NAME:
CAREC/T-III/TD/009

LOW PT ELEV: 371.38
PVI STA: 81+841.82
PVI ELEV: 113.70
124: 156.00
LVC: 25

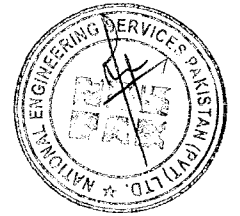
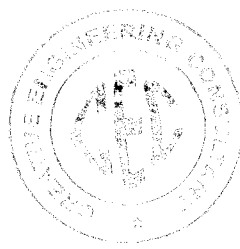
HIGH PT ELEV: 117.20
PVI STA: 82+557.03
PVI ELEV: 117.97
K: 124.21
LVC: 300.00



Station	HCD	VCD	P.G.L	N.S.L	CH
81+900			113.969	107.440	107.998
81+975			113.681	107.405	107.775
82+000			113.865	107.439	107.800
82+025			114.049	107.490	107.851
82+050			114.233	107.535	107.896
82+075			114.418	107.646	108.007
82+100			114.602	107.768	108.129
82+125			114.786	107.816	108.180
82+150			114.971	108.499	108.863
82+175			115.155	108.311	108.675
82+200			115.339	107.695	108.059
82+225			115.524	107.733	108.097
82+250			115.708	107.714	108.078
82+275			115.892	107.864	108.228
82+300			116.076	107.920	108.284
82+325			116.261	107.904	108.265
82+350			116.445	108.345	108.706
82+375			116.629	108.232	108.593
82+400			116.814	108.094	108.455
82+425			116.985	108.152	108.513
82+450			117.108	108.284	108.645
82+475			117.180	108.283	108.644
82+500			117.203	108.794	109.155
82+525			117.175	108.332	108.693
82+550			117.097	108.386	108.747
82+575			116.968	108.490	108.851
82+600			116.789	108.690	109.051
82+625			116.569	108.709	109.070



Station	CH	N.S.L	P.G.L	VCD	HCD
82+625	108.662	116.551			
82+650	108.365	116.280			
82+675	109.845	115.950			
82+700	108.449	115.570			
82+725	107.660	115.152			
82+750	108.239	114.733			
82+775	108.739	114.313			
82+800	108.599	113.894			
82+825	108.475	113.474			
82+850	110.012	113.055			
82+875	110.116	112.639			
82+900	109.108	112.265			
82+925	108.988	111.940			
82+950	110.071	111.664			
82+975	110.445	111.438			
83+000	110.421	111.262			
83+025	110.535	111.135			
83+050	110.655	111.058			
83+075	110.739	111.027			
83+100	110.785	111.004			



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-2 (Km 57+500 TO Km 121+500)

CLIENT:
NHA NATIONAL HIGHWAYS AUTHORITY (NHA)

CONSULTANTS:

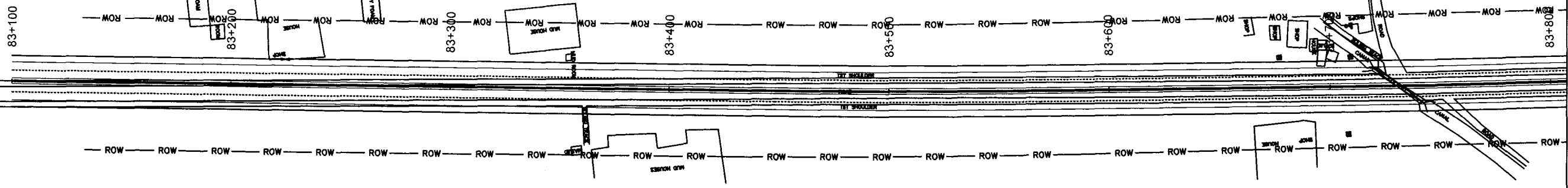
- MINCONSULT. SDN BHD In Joint Venture With
- SAMAN CORPORATION
- SHELADIA ASSOCIATES
- CEC
- AAA
- ACE
- AA
- ACC

DRAWING TITLE:
PLAN & PROFILE
82+625.88 - 83+100.00

DESIGN BY: A.S	SHEET NO: 39 OF 98
DRAWN BY: S.A	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024
APPROVED BY:	REVISION:

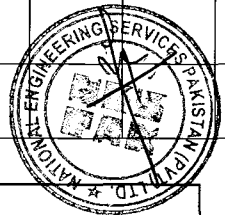
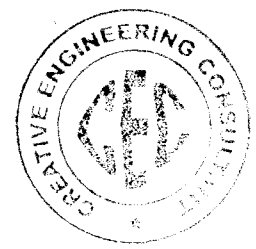
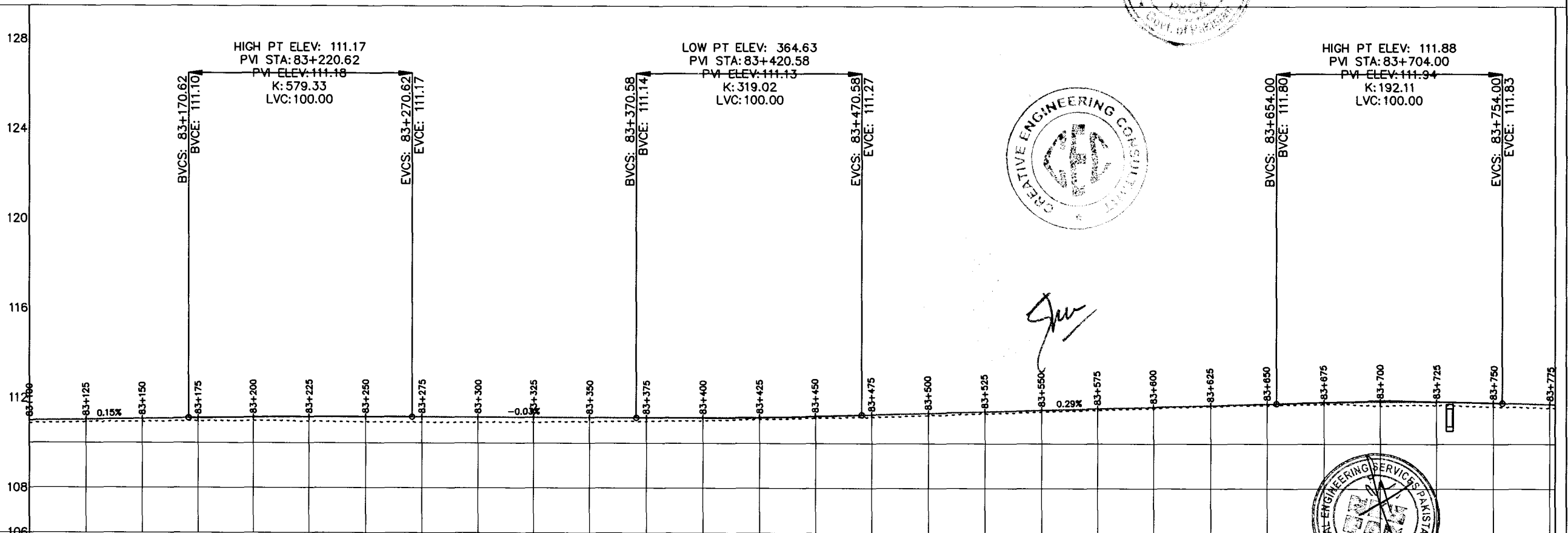
CAD FILE NAME:
CAREC/T-III/TD/009

BOX CULVERT
 STATION = 83+732
 SKEW = 52°
 No. OF CELL = 01
 WIDTH = 3
 DEPTH = 1.2



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-2
 (Km 57+500 TO Km 121+500)

CLIENT:
 NATIONAL HIGHWAYS AUTHORITY (NHA)

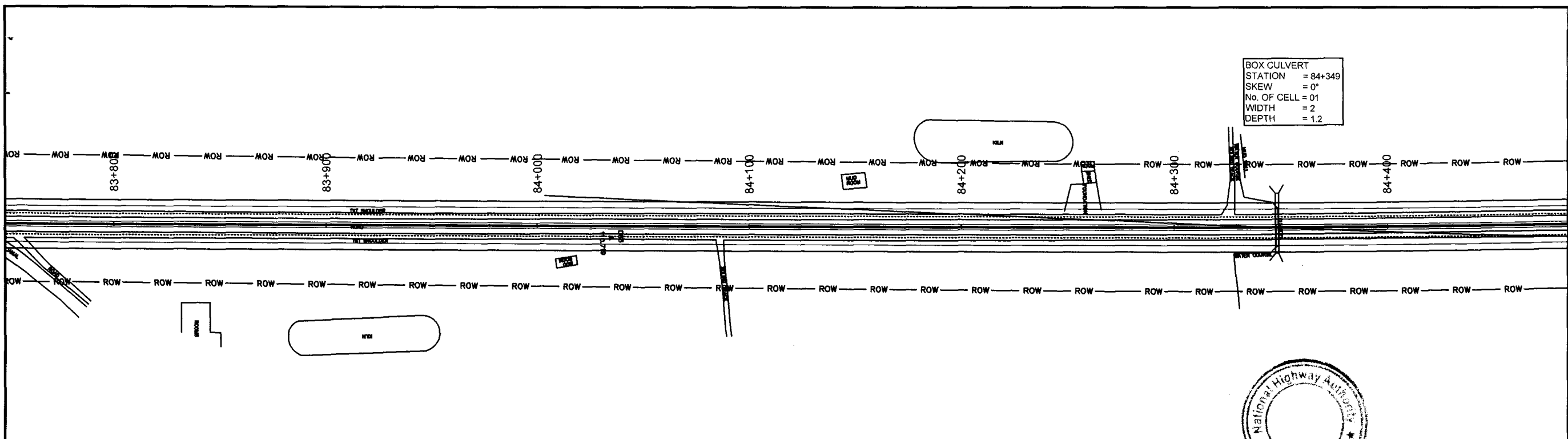
- CONSULTANTS:**
- MINCONSULT SDN BHD
In Joint Venture With
 - SAMAN CORPORATION
 - SHELADIA ASSOCIATES
 - CEC
 - AAA
 - ACE
 - AA
 - ACC

DRAWING TITLE:
 PLAN & PROFILE
 83+100.00 - 83+777.42

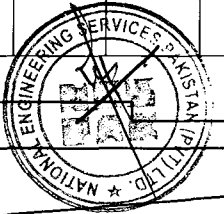
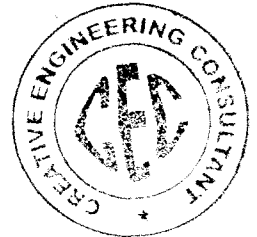
DESIGN BY: A.S	SHEET NO: 40 OF 98
DRAWN BY: S.A	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024
APPROVED BY:	REVISION:

CAD FILE NAME:
 CAREC/T-III/TD/010

Station	CH	N.S.L	P.G.L	VCD	HCD
83+100	110.979	111.000			
83+125	110.935	111.037			
83+150	110.936	111.074			
83+175	110.975	111.110			
83+200	110.997	111.140			
83+225	110.960	111.159			
83+250	110.951	111.167			
83+275	110.931	111.164			
83+300	110.920	111.158			
83+325	110.928	111.152			
83+350	110.953	111.145			
83+375	110.972	111.139			
83+400	111.021	111.146			
83+425	111.075	111.173			
83+450	111.135	111.219			
83+475	111.170	111.285			
83+500	111.264	111.357			
83+525	111.347	111.429			
83+550	111.419	111.501			
83+575	111.495	111.573			
83+600	111.581	111.645			
83+625	111.674	111.717			
83+650	111.722	111.789			
83+675	111.777	111.850			
83+700	111.708	111.878			
83+725	111.756	111.874			
83+750	111.661	111.838			
83+775	111.596	111.780			



BOX CULVERT
 STATION = 84+349
 SKEW = 0°
 No. OF CELL = 01
 WIDTH = 2
 DEPTH = 1.2



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-2
 (Km 57+500 TO Km 121+500)

CLIENT:
 NATIONAL HIGHWAYS AUTHORITY (NHA)

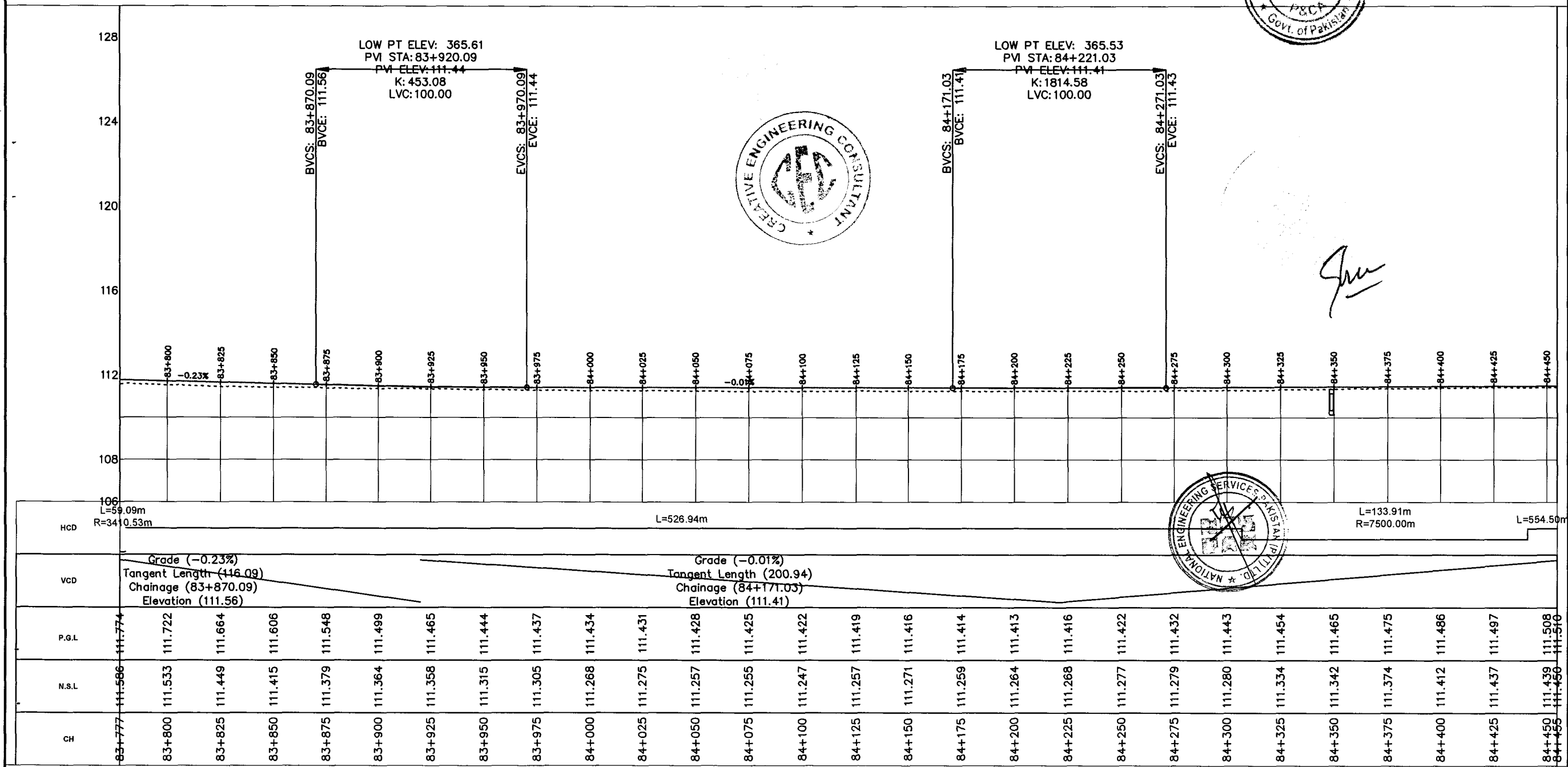
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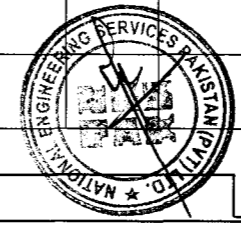
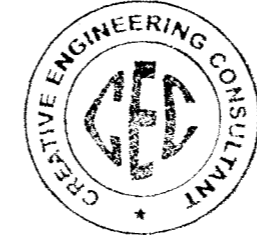
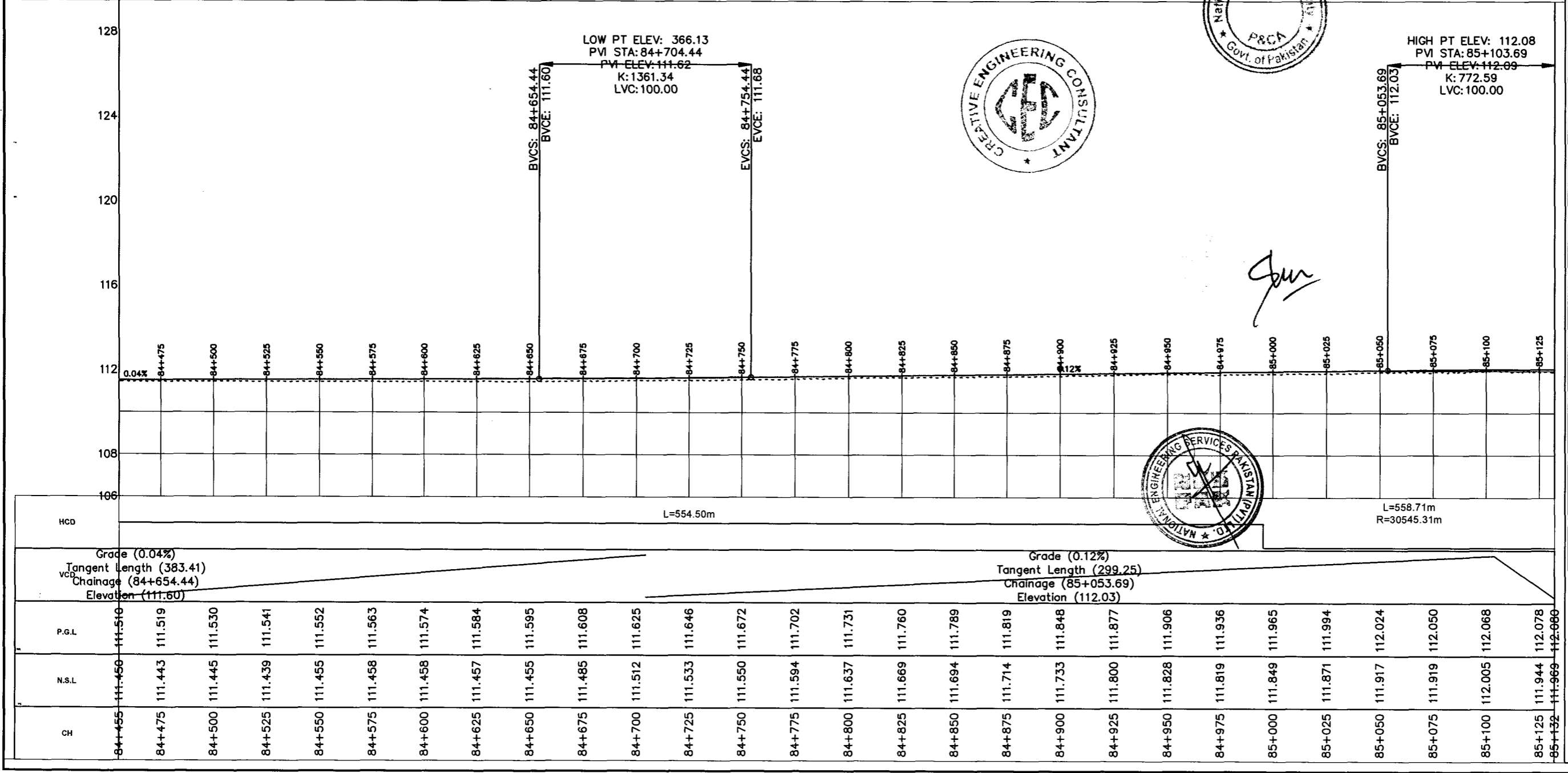
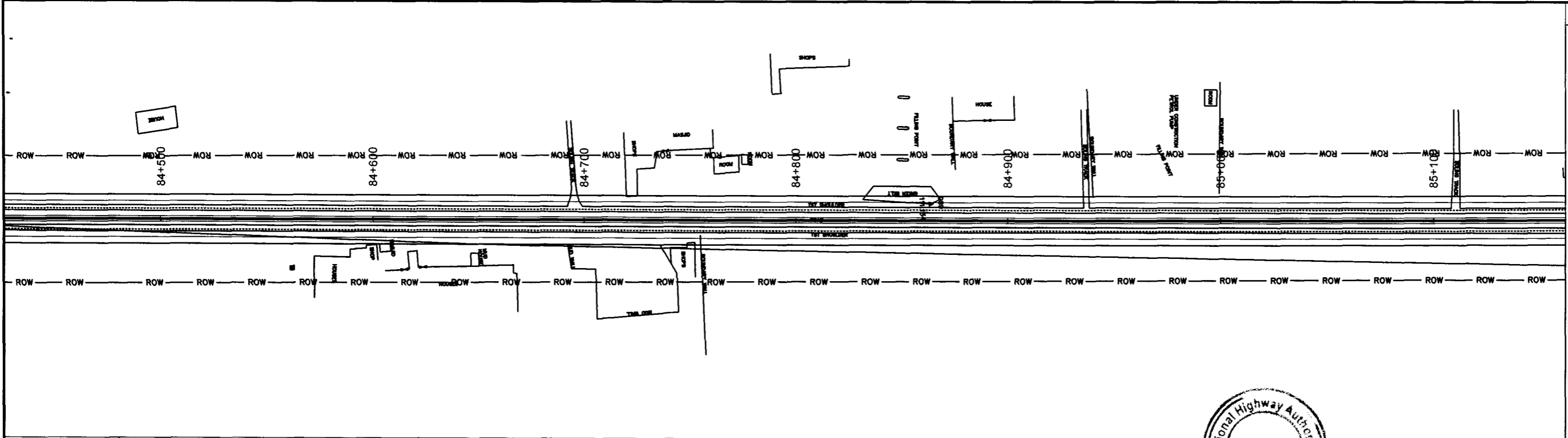
- MINCONSULT SDN BHD In Joint Venture With
- SAMAN CORPORATION
- SHELADIA ASSOCIATES
- CEC
- AAA
- ACE
- AA
- ACC

DRAWING TITLE:
 PLAN & PROFILE
 83+777.42 - 84+454.85

DESIGN BY: A.S	SHEET NO: 41 OF 98
DRAWN BY: S.A	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024
APPROVED BY:	REVISION:

CAD FILE NAME:
 CAREC/T-III/TD/010





Signature

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-2 (Km 57+500 TO Km 121+500)

CLIENT:
NHA NATIONAL HIGHWAYS AUTHORITY (NHA)

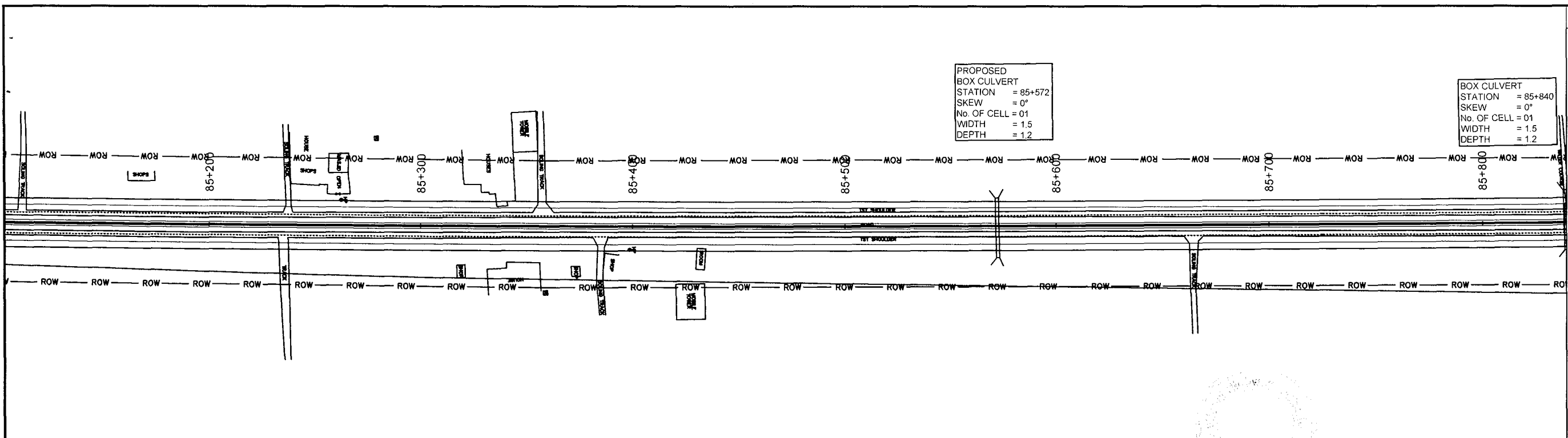
CONSULTANTS:

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

DRAWING TITLE:
PLAN & PROFILE
84+454.85 - 85+132.27

DESIGN BY:	SHEET NO:
A.S	42 OF 98
DRAWN BY:	SCALE: H = 1:2000 V = 1:100
S.A	
CHECKED BY:	DATE: APRIL, 2024
A.S	
APPROVED BY:	REVISION:

CAD FILE NAME:
CAREC/T-III/TD/010



PROPOSED
BOX CULVERT
STATION = 85+572
SKEW = 0°
No. OF CELL = 01
WIDTH = 1.5
DEPTH = 1.2

BOX CULVERT
STATION = 85+840
SKEW = 0°
No. OF CELL = 01
WIDTH = 1.5
DEPTH = 1.2

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-2
(Km 57+500 TO Km 121+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
85+132.27 - 85+809.69

DESIGN BY: A.S	SHEET NO: 43 OF 98
DRAWN BY: S.A	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024
APPROVED BY:	REVISION:

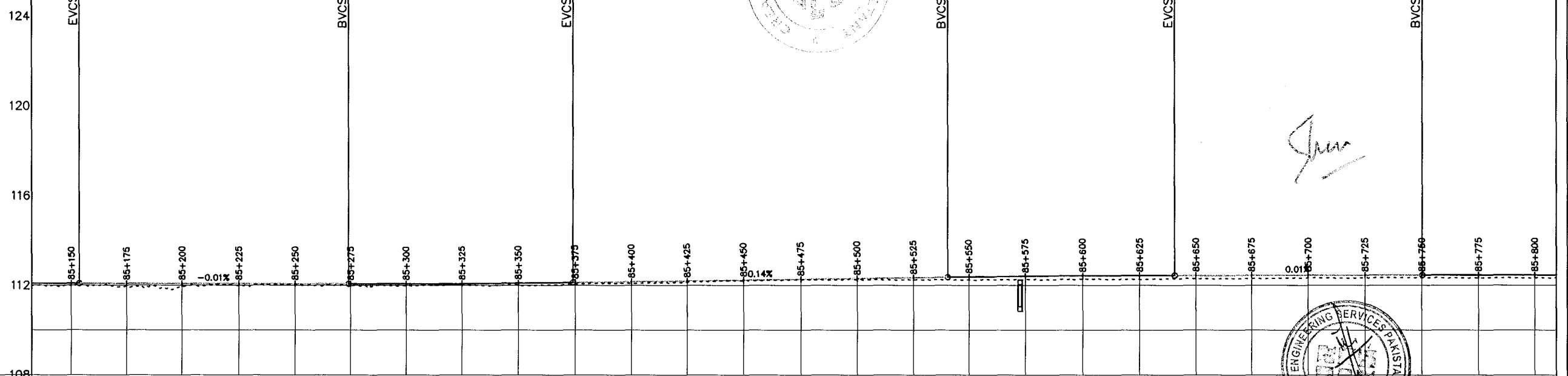
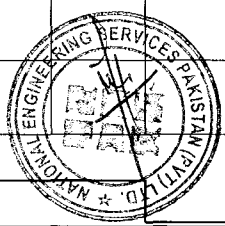
CAD FILE NAME:
CAREC/T-III/TD/010

HIGH PT ELEV: 112.08
PVI STA: 85+103.69
PVI ELEV: 112.09
K: 772.55
LVC: 100.00

LOW PT ELEV: 367.67
PVI STA: 85+324.08
PVI ELEV: 112.06
K: 646.89
LVC: 100.00

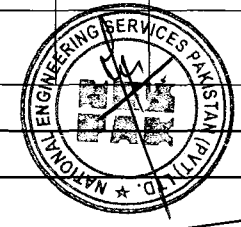
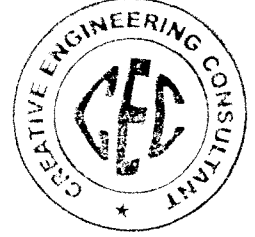
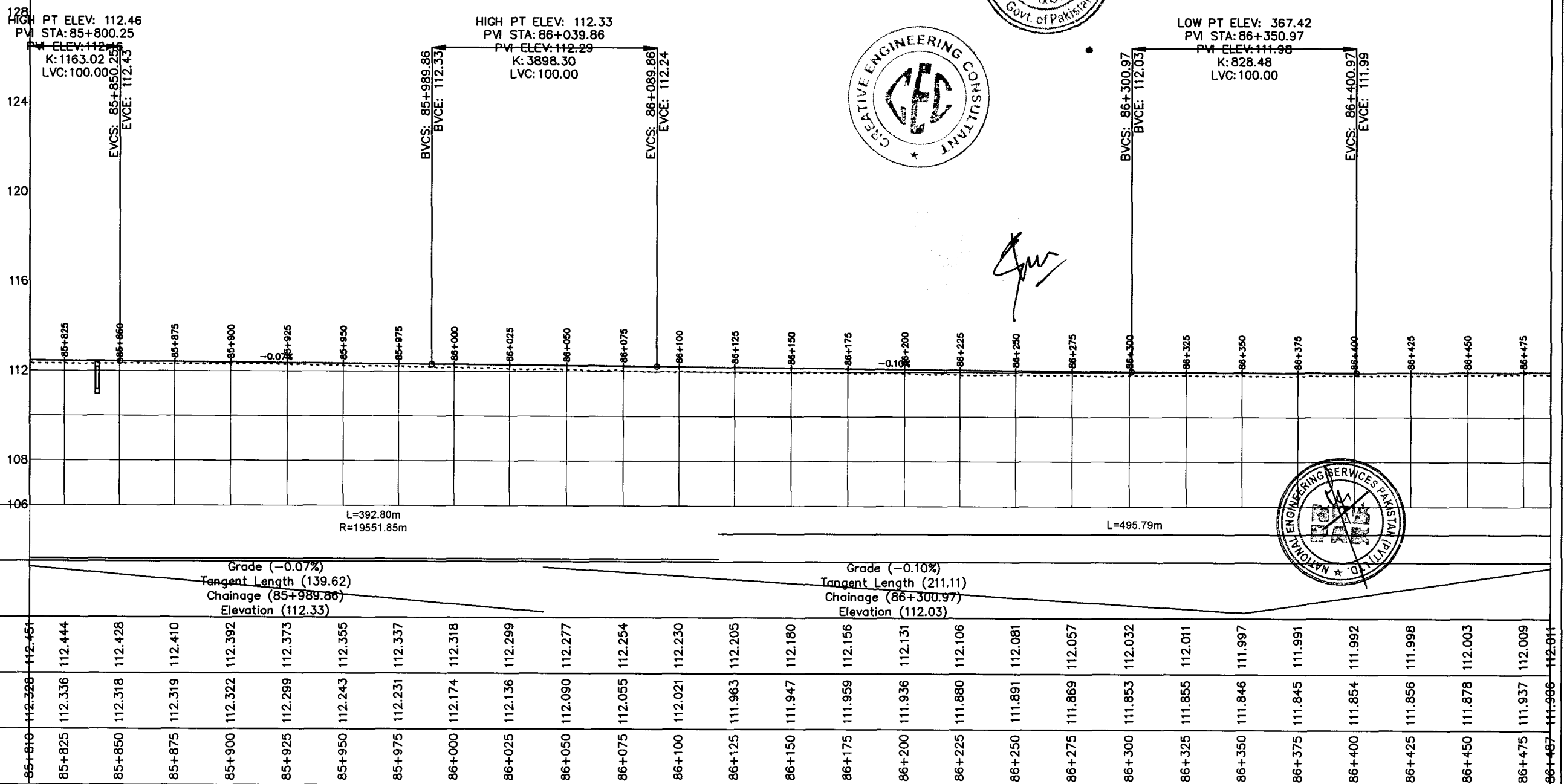
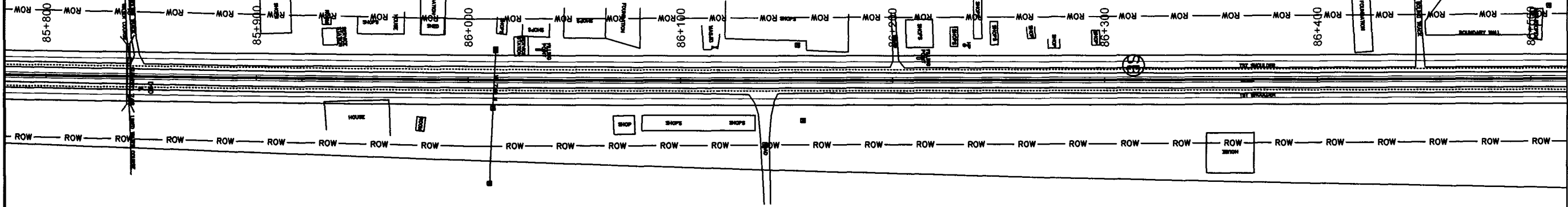
HIGH PT ELEV: 112.44
PVI STA: 85+590.44
PVI ELEV: 112.44
K: 772.55
LVC: 100.00

HIGH PT ELEV: 112.46
PVI STA: 85+800.25
PVI ELEV: 112.46
K: 1163.02
LVC: 100.00



Station	HCD	VCD	P.G.L	N.S.L	SH
85+132			112.080	111.969	
85+150			112.081	111.985	
85+175			112.078	111.944	
85+200			112.074	111.953	
85+225			112.071	111.973	
85+250			112.068	112.001	
85+275			112.065	111.950	
85+300			112.067	111.988	
85+325			112.079	112.006	
85+350			112.100	112.002	
85+375			112.132	112.054	
85+400			112.167	112.092	
85+425			112.203	112.146	
85+450			112.238	112.213	
85+475			112.274	112.257	
85+500			112.309	112.255	
85+525			112.345	112.258	
85+550			112.380	112.246	
85+575			112.408	112.262	
85+600			112.429	112.268	
85+625			112.441	112.263	
85+650			112.446	112.290	
85+675			112.449	112.299	
85+700			112.452	112.324	
85+725			112.455	112.336	
85+750			112.458	112.335	
85+775			112.459	112.329	
85+800			112.454	112.322	
85+810			112.451	112.320	

BOX CULVERT
 STATION = 85+840
 SKEW = 0°
 No. OF CELL = 01
 WIDTH = 1.5
 DEPTH = 1.2



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-2
 (Km 57+500 TO Km 121+500)

CLIENT:
 NATIONAL HIGHWAYS AUTHORITY (NHA)

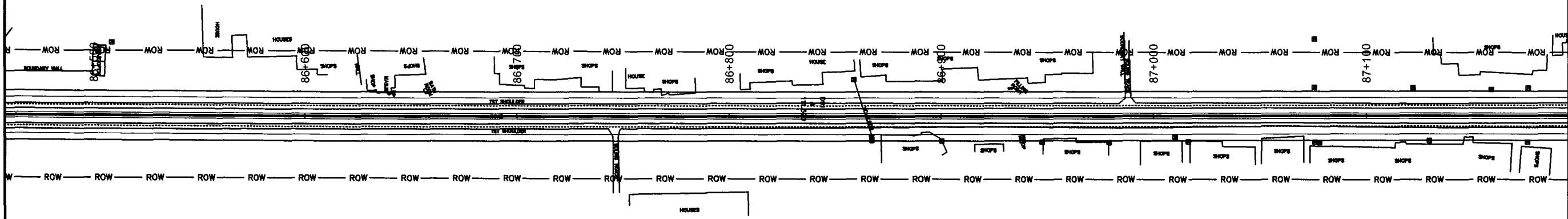
CONSULTANTS:

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

DRAWING TITLE:
 PLAN & PROFILE
 85+809.69 - 86+487.12

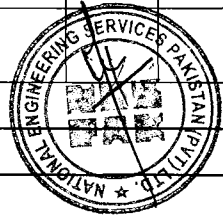
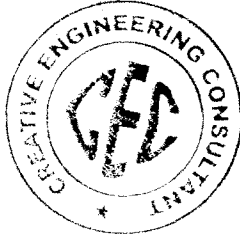
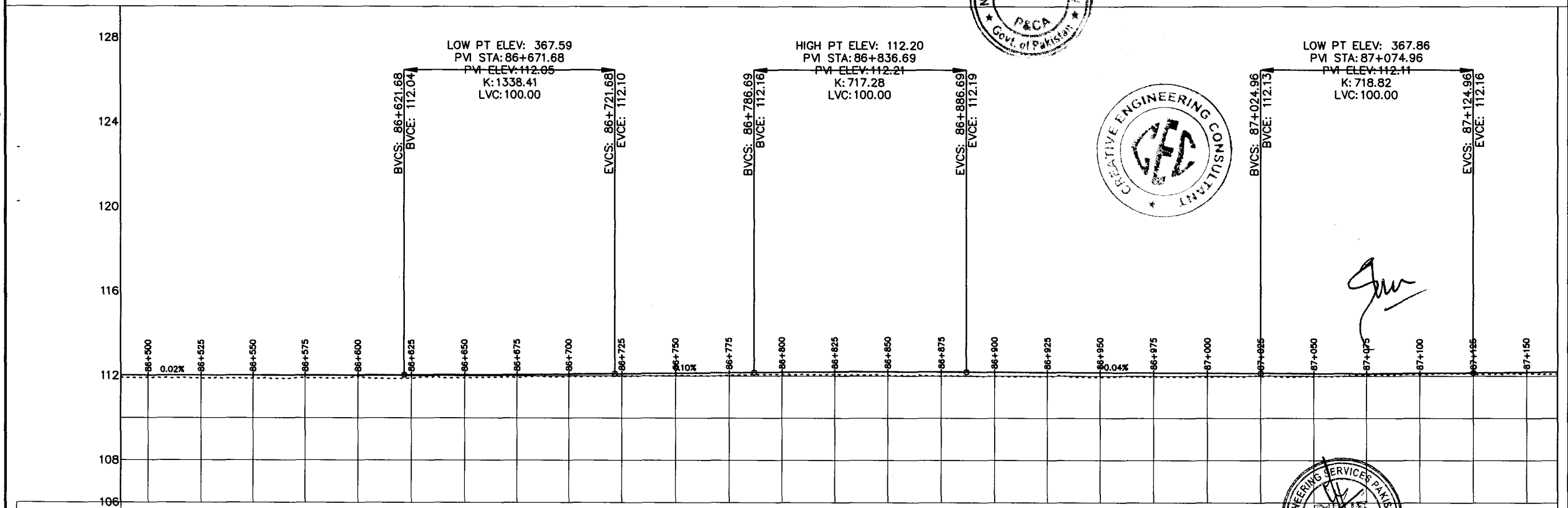
DESIGN BY: A.S	SHEET NO: 44 OF 98
DRAWN BY: S.A	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024
APPROVED BY:	REVISION:

CAD FILE NAME:
 CAREC/T-III/TD/010



NOTES
1- ALL DIMENSIONS AND ARE IN METERS.

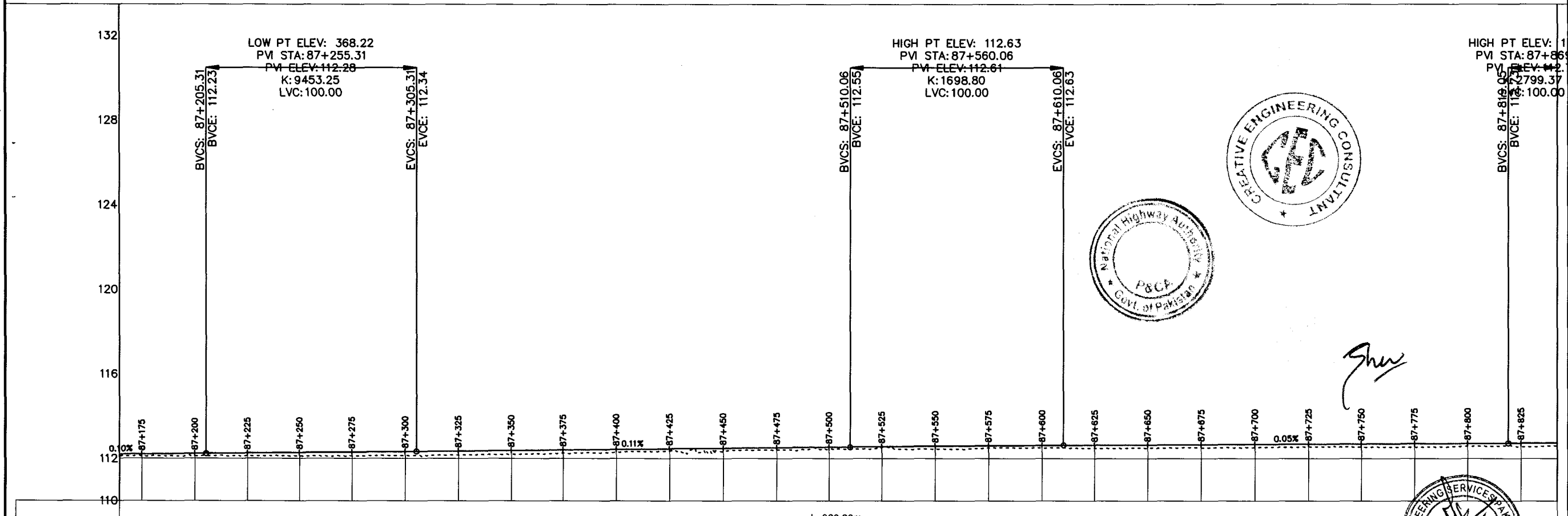
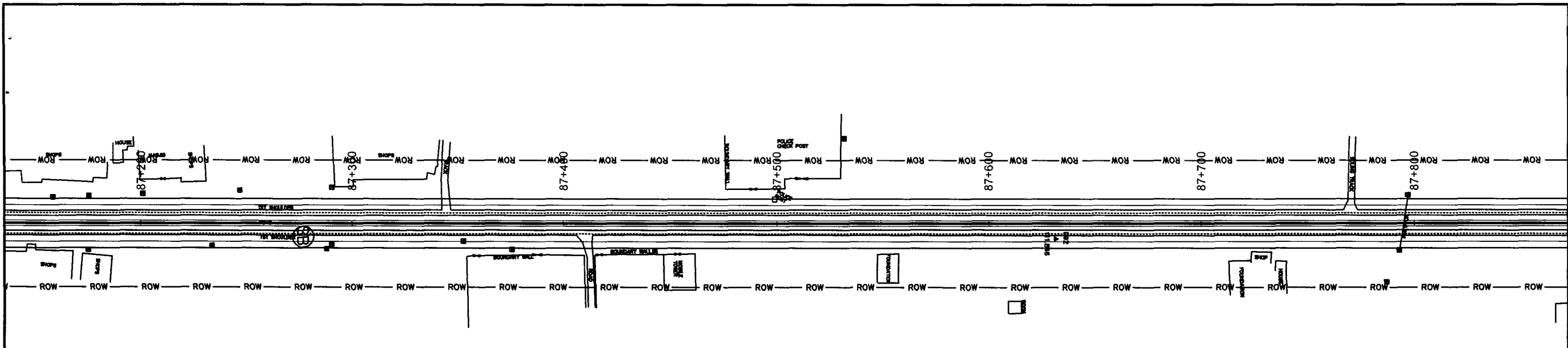
LEGEND



Signature

HCD	L=495.79m															L=490.66m															L=926.26m														
VCD	Grade (0.02%) Tangent Length (220.71) Chainage (86+621.68) Elevation (112.04)															Grade (0.10%) Tangent Length (65.91) Chainage (86+786.69) Elevation (112.16)															Grade (-0.04%) Tangent Length (138.26) Chainage (87+024.96) Elevation (112.13)														
P.G.L	112.011	112.014	112.020	112.025	112.031	112.036	112.042	112.050	112.063	112.081	112.103	112.127	112.151	112.174	112.189	112.196	112.194	112.184	112.173	112.162	112.152	112.141	112.130	112.124	112.126	112.137	112.157	112.181	112.195																
N.S.L	111.966	111.888	111.869	111.869	111.891	111.993	111.880	111.896	111.928	111.977	111.978	112.023	112.036	112.073	112.068	112.041	112.012	111.989	111.997	111.949	111.985	111.960	112.000	111.985	112.052	112.075	112.132	112.156	112.163																
CH	86+487	86+500	86+525	86+550	86+575	86+600	86+625	86+650	86+675	86+700	86+725	86+750	86+775	86+800	86+825	86+850	86+875	86+900	86+925	86+950	86+975	87+000	87+025	87+050	87+075	87+100	87+125	87+150	87+165																

REV.	REVISION/ISSUE	DATE
PROJECT: CONSTRUCTION OF RAJANPUR-DG KHAN SECTION OF N-55 AS 4-LANE HIGHWAY (121.50 Km) PACKAGE-2 (Km 57+500 TO Km 121+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 86+487.12 - 87+164.54		
DESIGN BY: A.S	SHEET NO: 45 OF 98	
DRAWN BY: S.A	SCALE: H = 1:2000 V = 1:100	
CHECKED BY: A.S	DATE: APRIL, 2024	
APPROVED BY:	REVISION:	
CAD FILE NAME: CAREC/T-III/TD/010		



CH	87+165	87+175	87+200	87+225	87+250	87+275	87+300	87+325	87+350	87+375	87+400	87+425	87+450	87+475	87+500	87+525	87+550	87+575	87+600	87+625	87+650	87+675	87+700	87+725	87+750	87+775	87+800	87+825	87+842	
P.G.L	112.195	112.205	112.229	112.253	112.278	112.304	112.330	112.357	112.384	112.410	112.437	112.464	112.490	112.517	112.544	112.570	112.593	112.612	112.627	112.639	112.651	112.663	112.675	112.687	112.699	112.711	112.723	112.735	112.742	
N.S.L	112.163	112.114	112.106	112.113	112.128	112.119	112.140	112.165	112.195	112.256	112.293	112.376	112.355	112.410	112.441	112.537	112.454	112.504	112.507	112.493	112.483	112.512	112.518	112.551	112.548	112.541	112.595	112.563	112.599	
HCD	L=926.26m																													

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-2 (Km 57+500 TO Km 121+500)

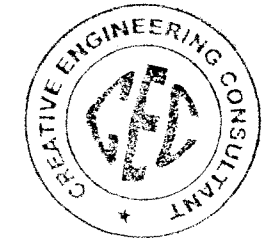
CLIENT:
NATIONAL HIGHWAYS AUTHORITY (NHA)

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

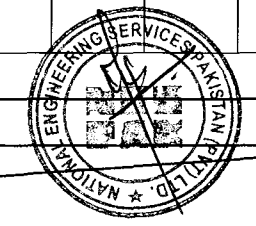
DRAWING TITLE:
PLAN & PROFILE
87+164.54 - 87+841.96

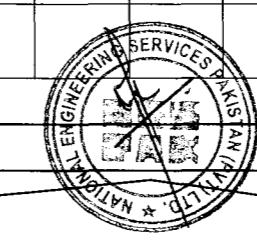
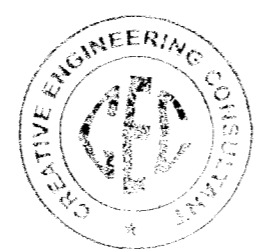
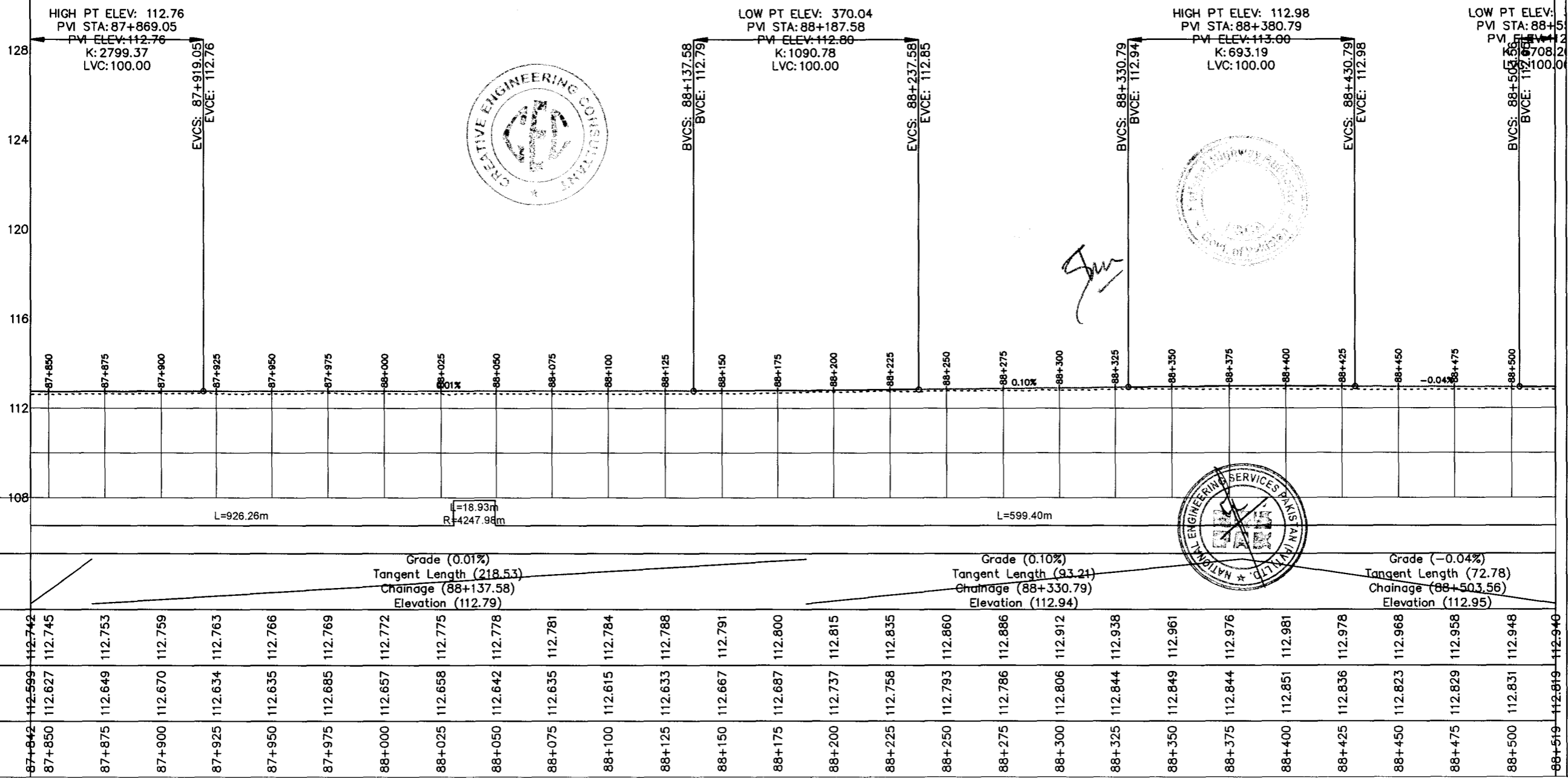
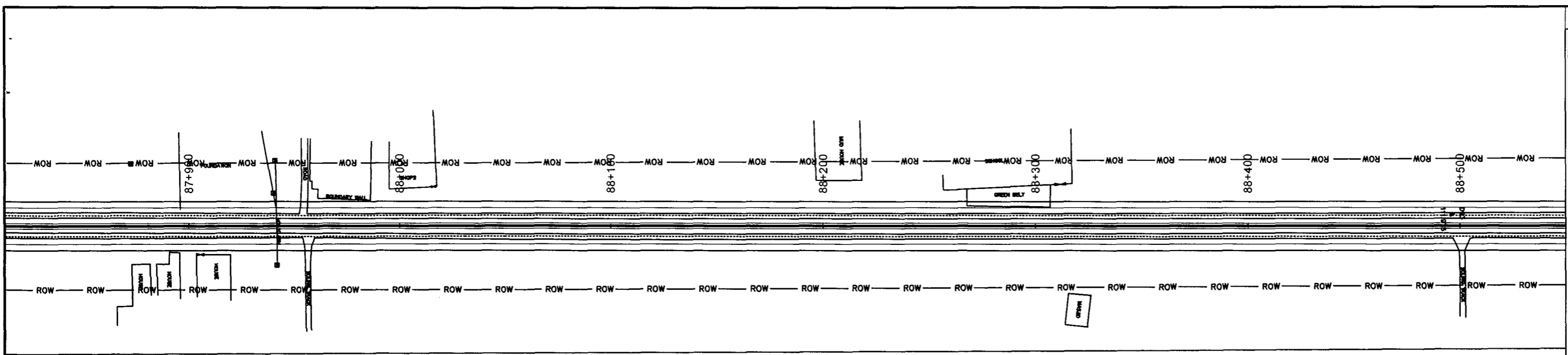
DESIGN BY: A.S	SHEET NO: 46 OF 98
DRAWN BY: S.A	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024
APPROVED BY:	REVISION:

CAD FILE NAME:
CAREC/T-III/TD/010



Shw





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-2 (Km 57+500 TO Km 121+500)

CLIENT:
NHA NATIONAL HIGHWAYS AUTHORITY (NHA)

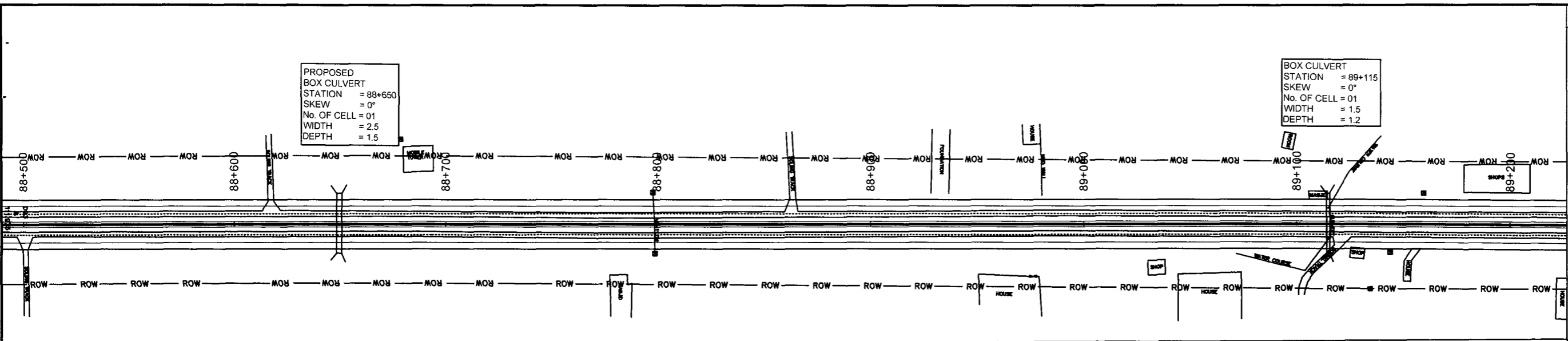
CONSULTANTS:
MINCONSULT SDN BHD In Joint Venture With SAMAN CORPORATION
SHELDIA ASSOCIATES

CEC
AAA
ACE
AA
ACC

DRAWING TITLE:
PLAN & PROFILE
87+841.96 - 88+519.38

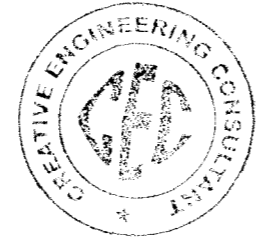
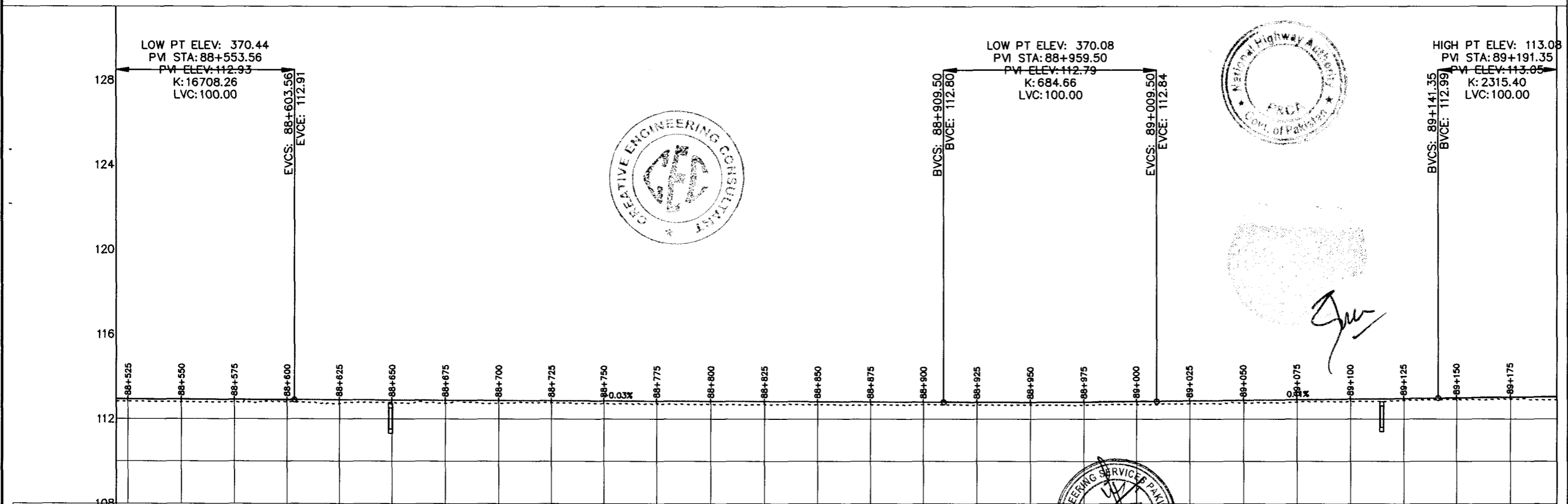
DESIGN BY: A.S	SHEET NO: 47 OF 98
DRAWN BY: S.A	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024
APPROVED BY:	REVISION:

CAD FILE NAME:
CAREC/T-III/TD/010



NOTES
1- ALL DIMENSIONS AND ARE IN METERS.

LEGEND



Signature

Station	88+525	88+550	88+575	88+600	88+625	88+650	88+675	88+700	88+725	88+750	88+775	88+800	88+825	88+850	88+875	88+900	88+925	88+950	88+975	89+000	89+025	89+050	89+075	89+100	89+125	89+150	89+175	
HCD	L=599.40m		L=44.43m R=17076.78m		L=368.79m												L=103.36m R=10000.00m		L=738.64m									
VCD	Grade (-0.03%) Tangent Length (305.94) Chainage (88+909.50) Elevation (112.80)															Grade (0.11%) Tangent Length (131.85) Chainage (89+141.35) Elevation (112.99)												
P.G.L	112.946	112.938	112.928	112.919	112.910	112.902	112.893	112.885	112.876	112.867	112.859	112.850	112.842	112.833	112.824	112.816	112.807	112.800	112.802	112.813	112.833	112.860	112.888	112.916	112.944	112.972	112.999	113.025
N.S.L	112.819	112.825	112.787	112.799	112.793	112.715	112.806	112.731	112.728	112.763	112.735	112.710	112.693	112.692	112.680	112.691	112.662	112.672	112.663	112.689	112.725	112.759	112.795	112.826	112.886	112.928	112.939	
CH	88+549	88+525	88+550	88+575	88+600	88+625	88+650	88+675	88+700	88+725	88+750	88+775	88+800	88+825	88+850	88+875	88+900	88+925	88+950	88+975	89+000	89+025	89+050	89+075	89+100	89+125	89+150	89+175

REVISIONS

REV	REVISION/ISSUE	DATE

PROJECT:
CONSTRUCTION OF RAJANPUR-DG KHAN SECTION OF N-55 AS 4-LANE HIGHWAY (121.50 Km)
PACKAGE-2 (Km 57+500 TO Km 121+500)

CLIENT:
NHA NATIONAL HIGHWAYS AUTHORITY (NHA)

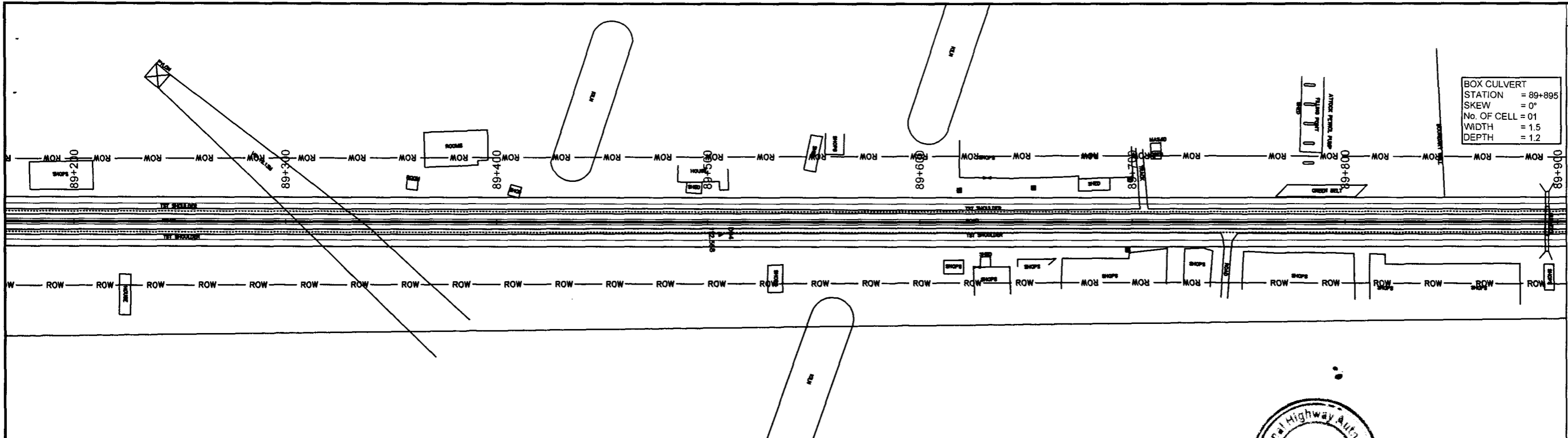
CONSULTANTS:

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

DRAWING TITLE:
PLAN & PROFILE
88+519.38 - 89+196.81

DESIGN BY: A.S	SHEET NO: 48 OF 98
DRAWN BY: S.A	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024
APPROVED BY:	REVISION:

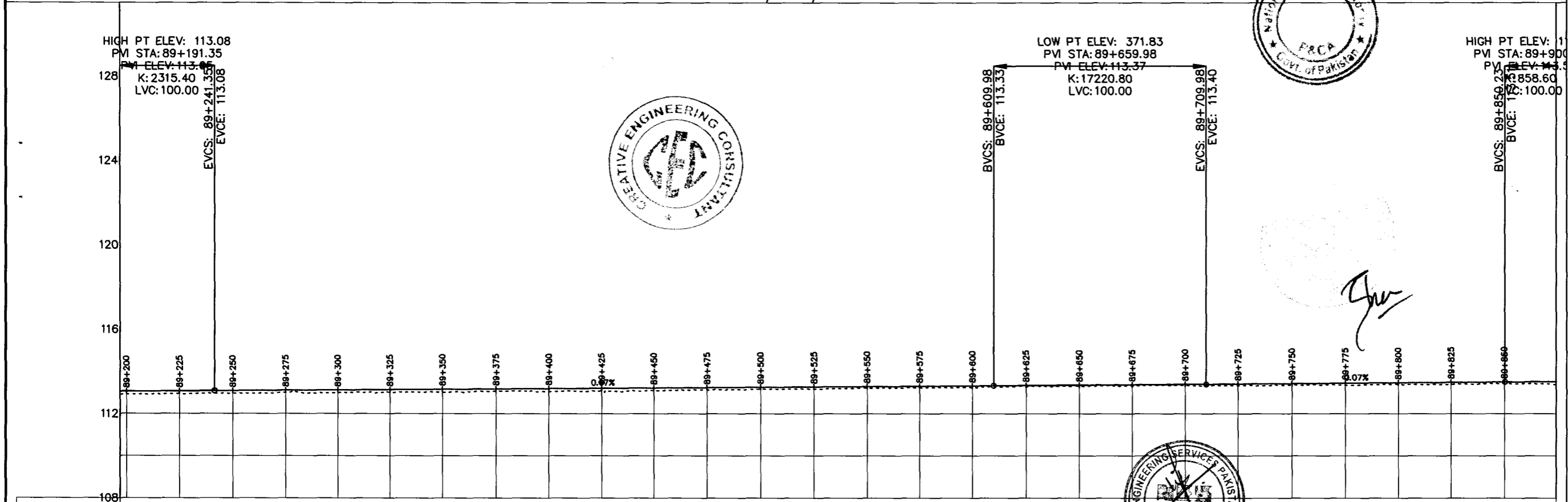
CAD FILE NAME:
CAREC/T-III/TD/010



BOX CULVERT
 STATION = 89+895
 SKEW = 0°
 No. OF CELL = 01
 WIDTH = 1.5
 DEPTH = 1.2

NOTES
 1- ALL DIMENSIONS AND ARE IN METERS.

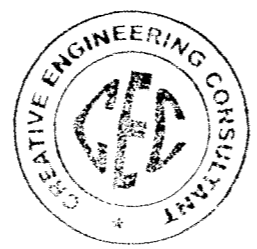
LEGEND



HIGH PT ELEV: 113.08
 PM STA: 89+191.35
 PVI ELEV: 113.08
 K: 2315.40
 LVC: 100.00

LOW PT ELEV: 371.83
 PVI STA: 89+659.98
 PVI ELEV: 113.37
 K: 17220.80
 LVC: 100.00

HIGH PT ELEV: 113.51
 PVI STA: 89+900.00
 PVI ELEV: 113.51
 K: 358.60
 LVC: 100.00



Signature

Station	CH	N.S.L	P.G.L
89+200	112.998	113.048	113.048
89+225	112.937	113.068	113.068
89+250	112.974	113.086	113.086
89+275	113.001	113.103	113.103
89+300	112.990	113.120	113.120
89+325	113.014	113.137	113.137
89+350	113.016	113.155	113.155
89+375	113.051	113.172	113.172
89+400	113.044	113.189	113.189
89+425	113.079	113.206	113.206
89+450	113.107	113.223	113.223
89+475	113.134	113.240	113.240
89+500	113.162	113.257	113.257
89+525	113.171	113.274	113.274
89+550	113.223	113.292	113.292
89+575	113.236	113.309	113.309
89+600	113.240	113.326	113.326
89+625	113.273	113.343	113.343
89+650	113.314	113.361	113.361
89+675	113.328	113.378	113.378
89+700	113.351	113.397	113.397
89+725	113.338	113.415	113.415
89+750	113.355	113.434	113.434
89+775	113.358	113.452	113.452
89+800	113.388	113.471	113.471
89+825	113.383	113.490	113.490
89+850	113.414	113.508	113.508
89+874	113.395	113.523	113.523

REV.	REVISION/ISSUE	DATE

PROJECT:
 CONSTRUCTION OF RAJANPUR-DG KHAN
 SECTION OF N-55 AS 4-LANE HIGHWAY
 (121.50 Km)
 PACKAGE-2
 (Km 57+500 TO Km 121+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
 89+196.81 - 89+874.23

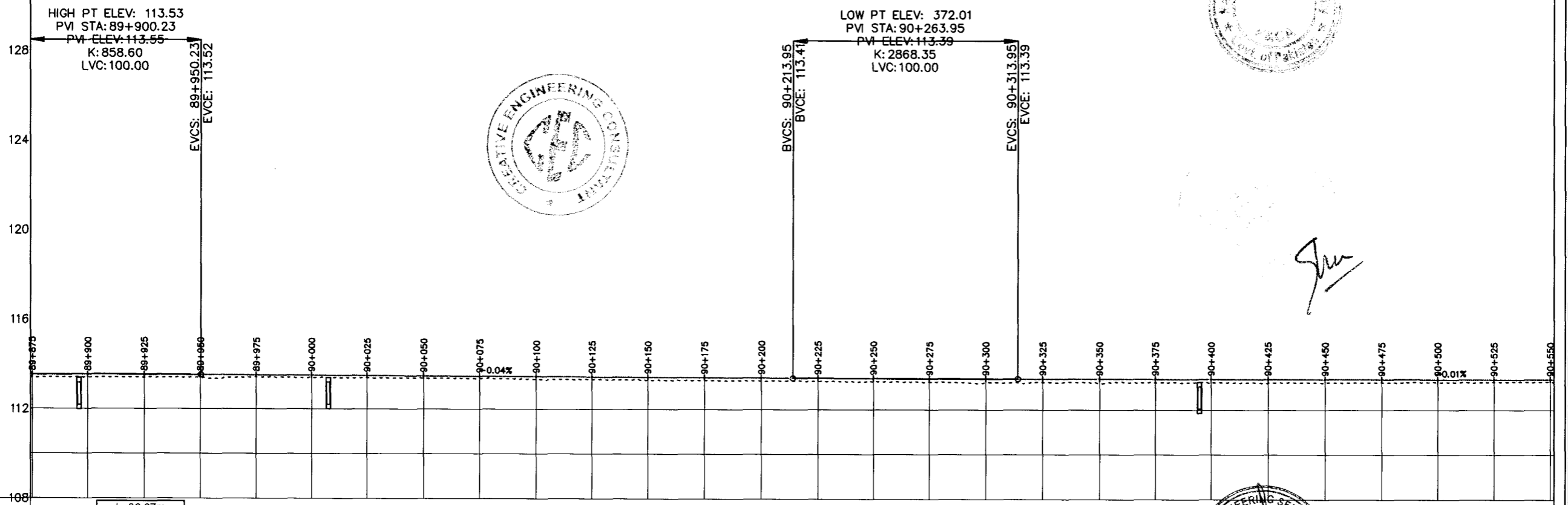
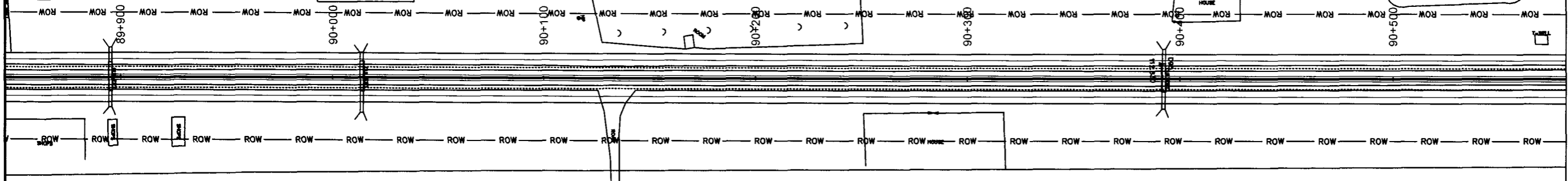
DESIGN BY: A.S	SHEET NO: 49 OF 98
DRAWN BY: S.A	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024
APPROVED BY:	REVISION:

CAD FILE NAME:
 CAREC/T-III/TD/010

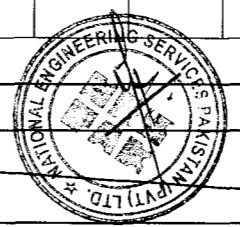
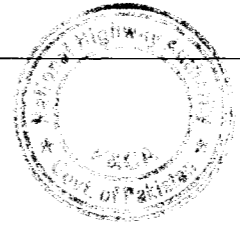
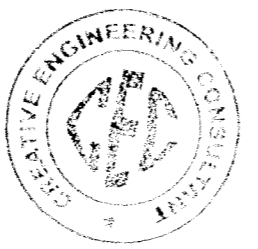
BOX CULVERT
STATION = 89+895
SKEW = 0°
No. OF CELL = 01
WIDTH = 1.5
DEPTH = 1.2

BOX CULVERT
STATION = 90+014
SKEW = 0°
No. OF CELL = 01
WIDTH = 3
DEPTH = 1.2

BOX CULVERT
STATION = 90+392
SKEW = 0°
No. OF CELL = 01
WIDTH = 1.5
DEPTH = 1.2



HCD	L=738.64m		L=38.87m R=8106.14m		L=1301.36m																							
VCD	Grade (-0.04%) Tangent Length (263.72) Chainage (90+213.95) Elevation (113.41)																				Grade (-0.01%) Tangent Length (383.32) Chainage (90+697.27) Elevation (113.36)							
P.G.L	113.389	113.405	113.531	113.524	113.514	113.503	113.493	113.482	113.472	113.461	113.451	113.440	113.430	113.419	113.409	113.400	113.394	113.390	113.388	113.386	113.384	113.382	113.380	113.379	113.377	113.375	113.373	113.371
N.S.L	113.389	113.405	113.380	113.376	113.420	113.391	113.394	113.375	113.369	113.341	113.324	113.300	113.298	113.289	113.267	113.262	113.251	113.238	113.234	113.192	113.228	113.234	113.217	113.226	113.240	113.255	113.256	113.256
CH	89+875	89+900	89+925	89+950	89+975	90+000	90+025	90+050	90+075	90+100	90+125	90+150	90+175	90+200	90+225	90+250	90+275	90+300	90+325	90+350	90+375	90+400	90+425	90+450	90+475	90+500	90+525	90+550



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-2 (Km 57+500 TO Km 121+500)

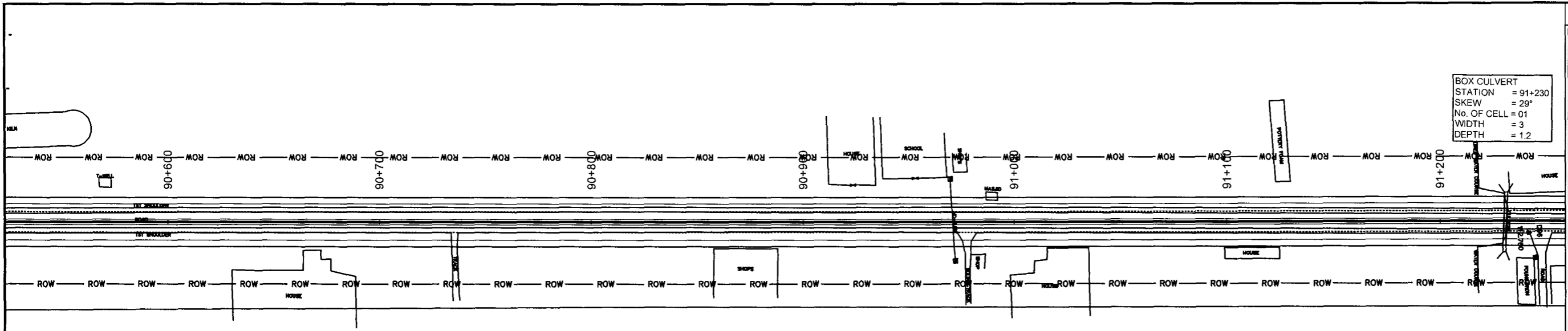
CLIENT:
NHA NATIONAL HIGHWAYS AUTHORITY (NHA)

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

DRAWING TITLE:
PLAN & PROFILE
89+874.23 - 90+551.65

DESIGN BY: A.S	SHEET NO: 50 OF 98
DRAWN BY: S.A	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024
APPROVED BY:	REVISION:

CAD FILE NAME:
CAREC/T-III/TD/010



BOX CULVERT
 STATION = 91+230
 SKEW = 29°
 No. OF CELL = 01
 WIDTH = 3
 DEPTH = 1.2

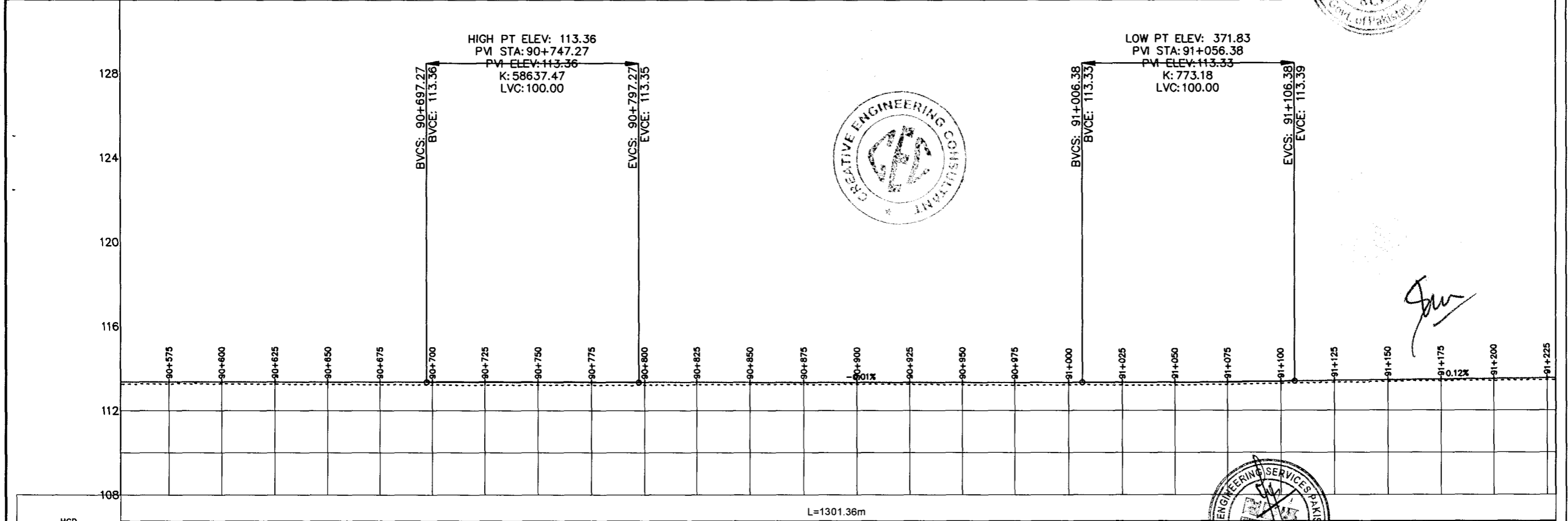
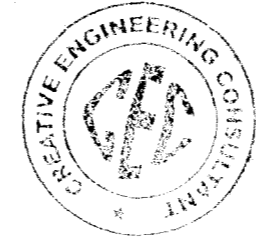
NOTES
 1- ALL DIMENSIONS AND ARE IN METERS.

LEGEND



HIGH PT ELEV: 113.36
 PM STA: 90+747.27
 PV ELEV: 113.36
 K: 58637.47
 LVC: 100.00

LOW PT ELEV: 371.83
 PM STA: 91+056.38
 PV ELEV: 113.33
 K: 773.18
 LVC: 100.00



L=1301.36m

Grade (-0.01%)
 Tangent Length (209.11)
 Chainage (91+006.38)
 Elevation (113.33)

Grade (0.12%)
 Tangent Length (152.76)
 Chainage (91+259.14)
 Elevation (113.57)

Station	HCD	VCD	P.G.L	N.S.L	SH
90+552			113.371	113.244	113.552
90+575			113.369	113.275	113.575
90+600			113.368	113.307	113.600
90+625			113.366	113.257	113.625
90+650			113.364	113.249	113.650
90+675			113.362	113.243	113.675
90+700			113.360	113.222	113.700
90+725			113.358	113.209	113.725
90+750			113.357	113.222	113.750
90+775			113.354	113.210	113.775
90+800			113.352	113.219	113.800
90+825			113.350	113.239	113.825
90+850			113.348	113.248	113.850
90+875			113.345	113.249	113.875
90+900			113.343	113.248	113.900
90+925			113.341	113.256	113.925
90+950			113.339	113.231	113.950
90+975			113.336	113.213	113.975
91+000			113.334	113.214	114.000
91+025			113.334	113.210	114.025
91+050			113.342	113.202	114.050
91+075			113.358	113.235	114.075
91+100			113.382	113.287	114.100
91+125			113.412	113.326	114.125
91+150			113.442	113.370	114.150
91+175			113.472	113.386	114.175
91+200			113.502	113.399	114.200
91+225			113.532	113.440	114.225

PROJECT:
 CONSTRUCTION OF RAJANPUR-DG KHAN
 SECTION OF N-55 AS 4-LANE HIGHWAY
 (121.50 Km)
 PACKAGE-2
 (Km 57+500 TO Km 121+500)

CLIENT:
 NATIONAL HIGHWAYS
 AUTHORITY (NHA)

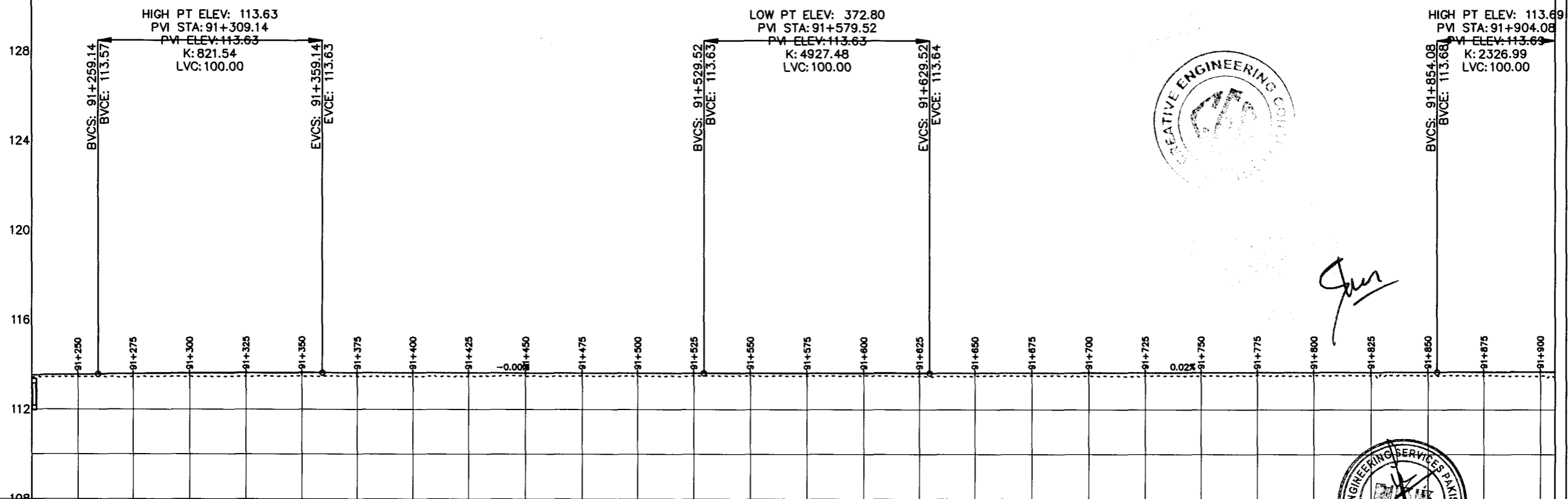
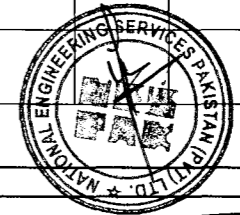
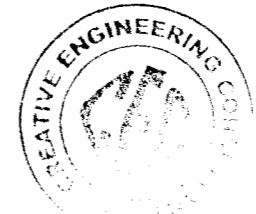
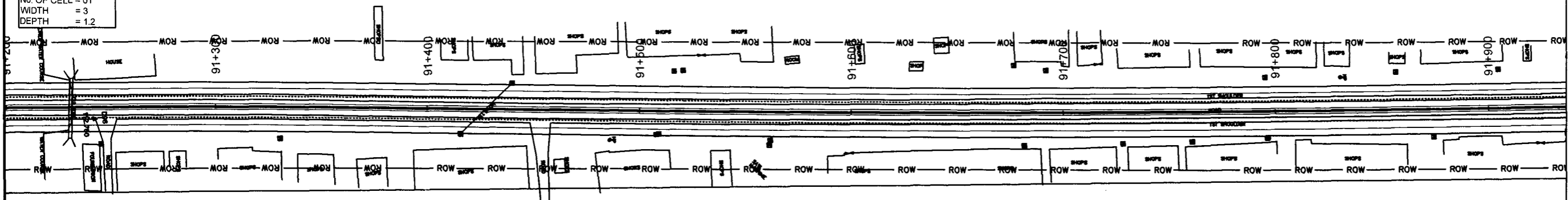
CONSULTANTS:
 MINCONSULT SDN BHD
 In Joint Venture With
 SAMAN CORPORATION
 SHELADIA ASSOCIATES
 CEC
 AAA
 ACE
 AA
 ACC

DRAWING TITLE:
 PLAN & PROFILE
 90+551.65 - 91+229.08

DESIGN BY: A.S	SHEET NO: 51 OF 98
DRAWN BY: S.A	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024
APPROVED BY:	REVISION:

CAD FILE NAME:
 CAREC/T-III/TD/010

BOX CULVERT
 STATION = 91+230
 SKEW = 29°
 No. OF CELL = 01
 WIDTH = 3
 DEPTH = 1.2



Station	CH	N.S.L	P.G.L	VCD	HCD
91+229	113.448	113.537			L=1301.39m
91+250	113.460	113.562			L=117.00m R=5903.09m
91+275	113.450	113.591			
91+300	113.458	113.612			
91+325	113.469	113.626			
91+350	113.484	113.632			
91+375	113.482	113.632			
91+400	113.474	113.632			
91+425	113.483	113.632			
91+450	113.489	113.631			
91+475	113.497	113.631			
91+500	113.493	113.631			
91+525	113.506	113.630			
91+550	113.529	113.630			
91+575	113.506	113.632			
91+600	113.513	113.634			
91+625	113.498	113.638			
91+650	113.501	113.643			
91+675	113.513	113.648			
91+700	113.513	113.652			
91+725	113.507	113.657			
91+750	113.513	113.662			
91+775	113.536	113.667			
91+800	113.535	113.671			
91+825	113.542	113.676			
91+850	113.535	113.681			
91+875	113.509	113.685			
91+900	113.502	113.686			
91+906	113.485	113.686			

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-2 (Km 57+500 TO Km 121+500)

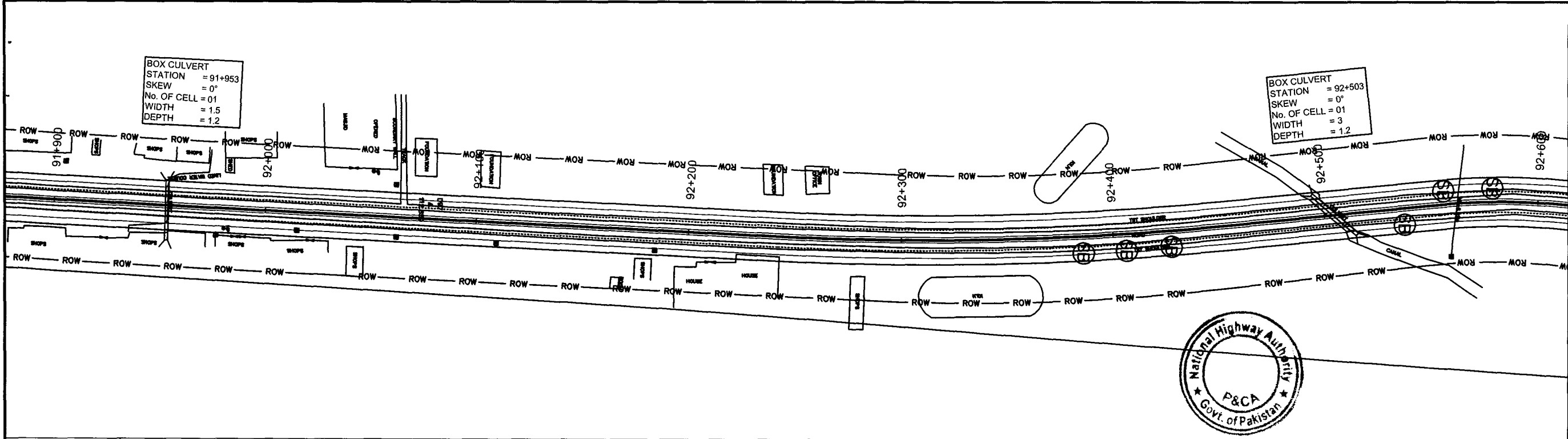
CLIENT:
 NATIONAL HIGHWAYS AUTHORITY (NHA)

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

DRAWING TITLE:
 PLAN & PROFILE
 91+229.08 - 91+906.50

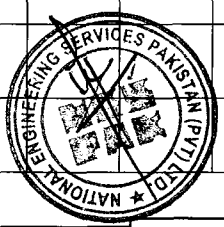
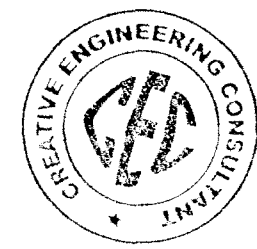
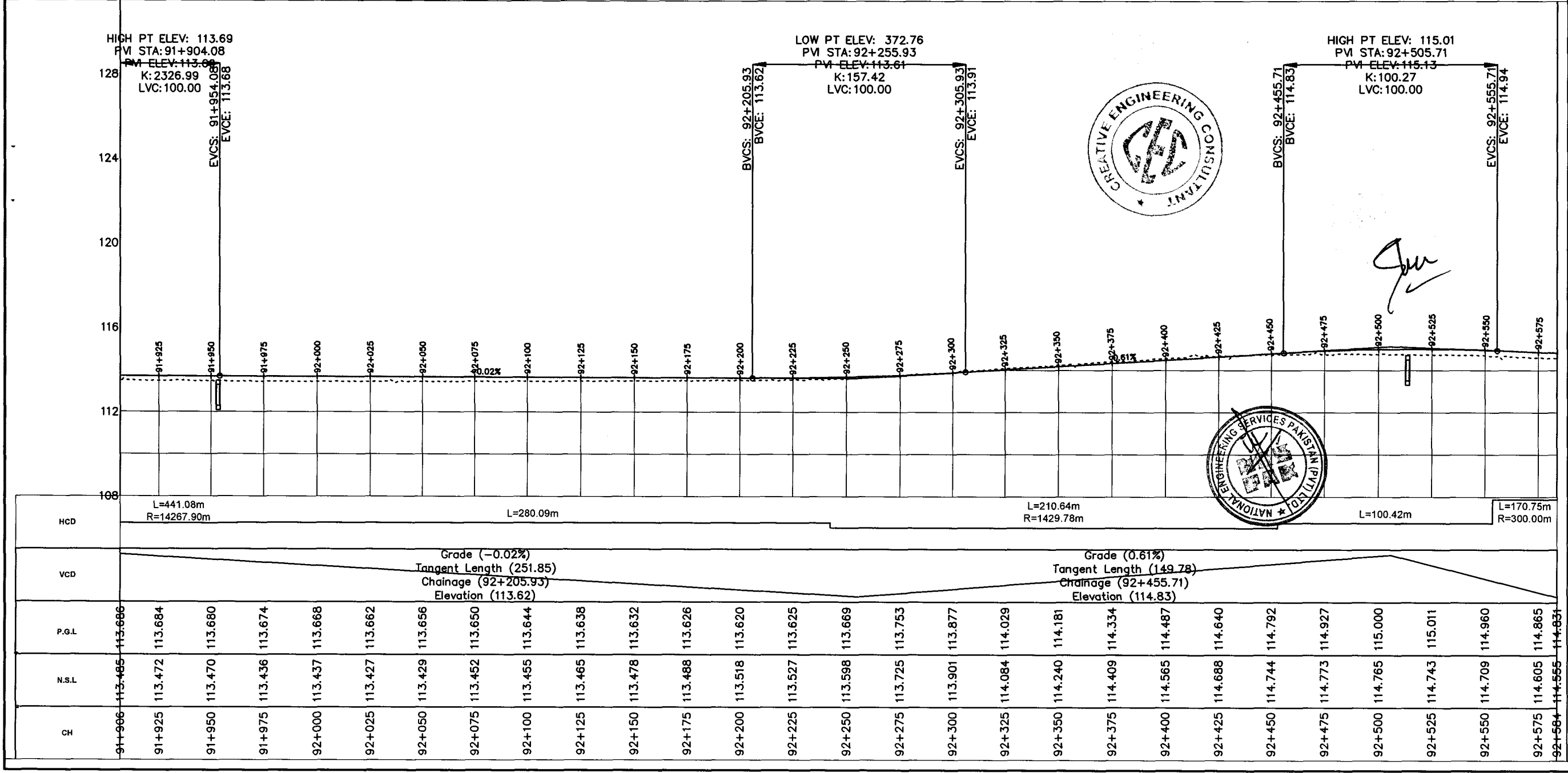
DESIGN BY: A.S	SHEET NO: 52 OF 98
DRAWN BY: S.A	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024
APPROVED BY:	REVISION:

CAD FILE NAME:
 CAREC/T-III/TD/010



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-2 (Km 57+500 TO Km 121+500)

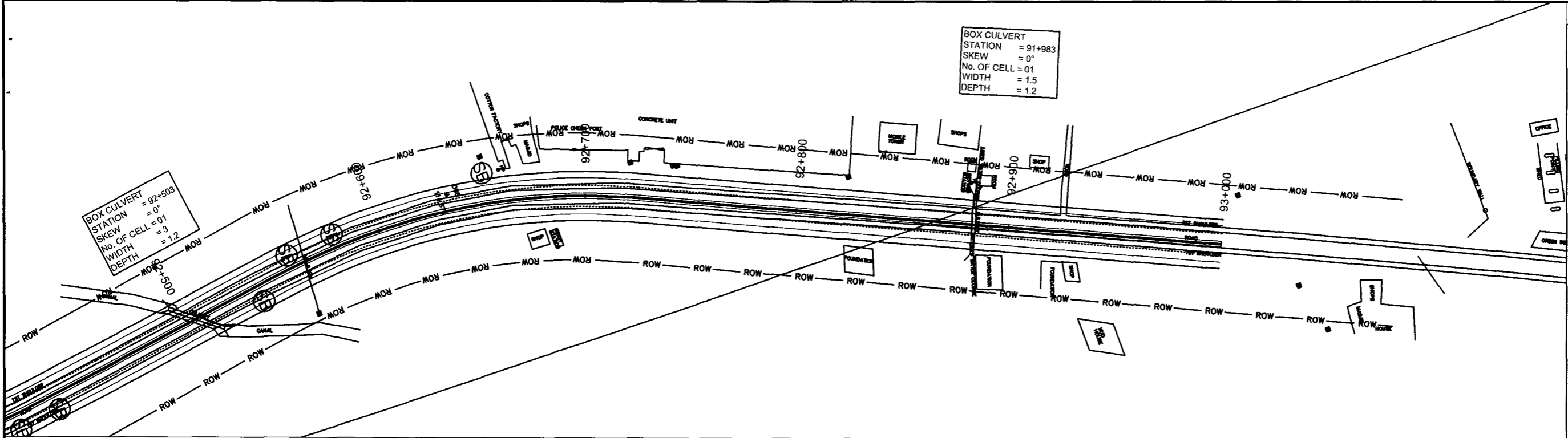
CLIENT:
NATIONAL HIGHWAYS AUTHORITY (NHA)

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

DRAWING TITLE:
PLAN & PROFILE
91+906.50 - 92+583.92

DESIGN BY: A.S	SHEET NO: 53 OF 98
DRAWN BY: S.A	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024
APPROVED BY:	REVISION:

CAD FILE NAME:
CAREC/T-III/TD/010

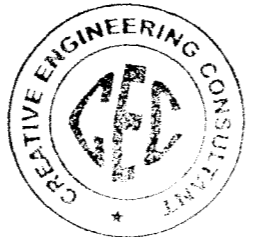
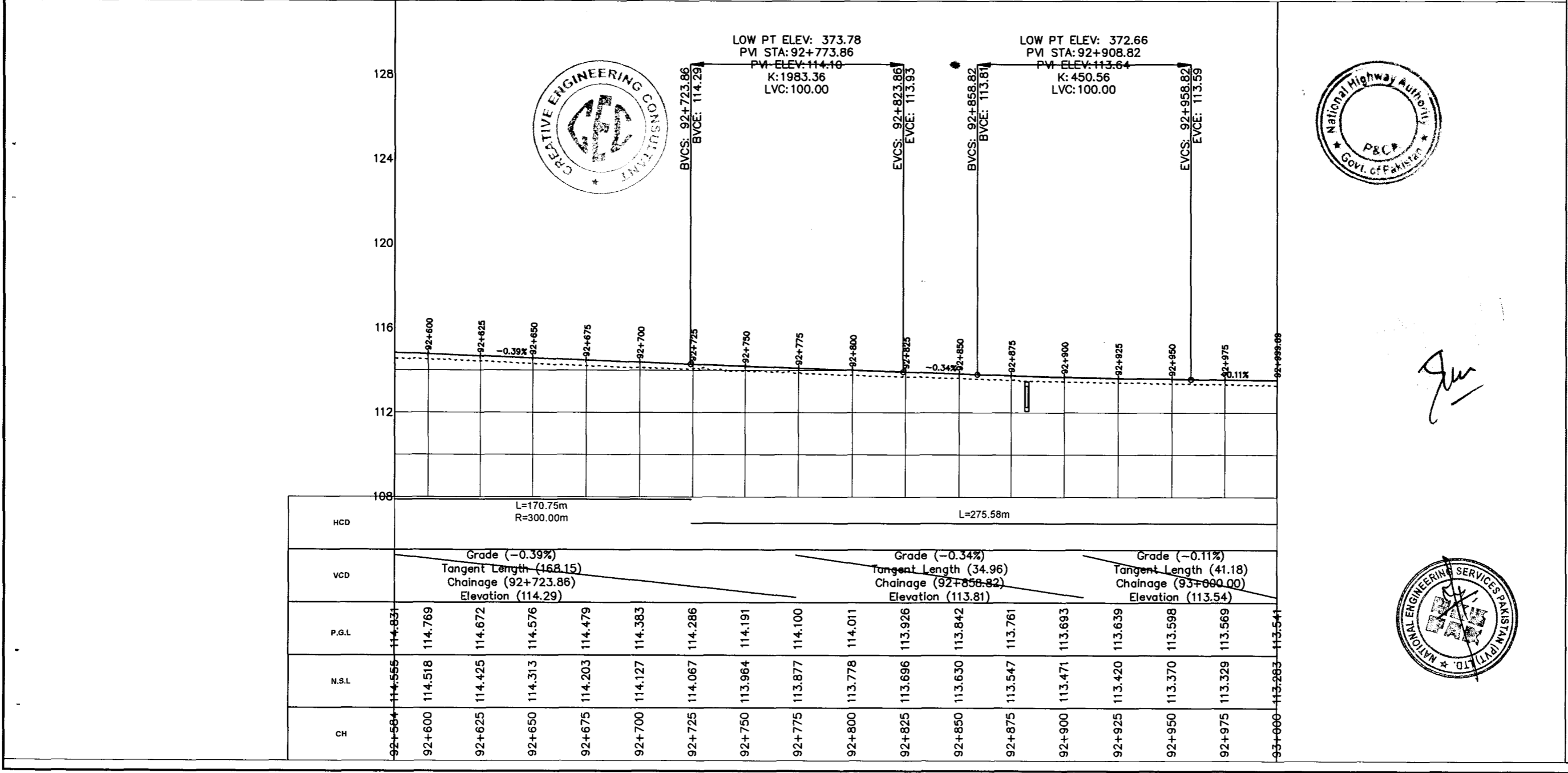


BOX CULVERT
 STATION = 91+983
 SKEW = 0°
 No. OF CELL = 01
 WIDTH = 1.5
 DEPTH = 1.2

BOX CULVERT
 STATION = 92+500
 SKEW = 0°
 No. OF CELL = 01
 WIDTH = 1.2
 DEPTH = 1.2

NOTES
 1:- ALL DIMENSIONS AND ARE IN METERS

LEGEND



HCD	L=170.75m R=300.00m														L=275.58m																																							
VCD	Grade (-0.39%) Tangent Length (168.15) Chainage (92+723.86) Elevation (114.29)														Grade (-0.34%) Tangent Length (34.96) Chainage (92+858.82) Elevation (113.81)														Grade (-0.11%) Tangent Length (41.18) Chainage (93+000.00) Elevation (113.54)																									
P.G.L	114.831	114.769	114.672	114.576	114.479	114.383	114.286	114.191	114.100	114.011	113.926	113.842	113.761	113.693	113.639	113.598	113.569	113.541	114.831	114.769	114.672	114.576	114.479	114.383	114.286	114.191	114.100	114.011	113.926	113.842	113.761	113.693	113.639	113.598	113.569	113.541	114.831	114.769	114.672	114.576	114.479	114.383	114.286	114.191	114.100	114.011	113.926	113.842	113.761	113.693	113.639	113.598	113.569	113.541
N.S.L	114.555	114.518	114.425	114.313	114.203	114.127	114.067	113.964	113.877	113.778	113.696	113.630	113.547	113.471	113.420	113.370	113.329	113.293	114.555	114.518	114.425	114.313	114.203	114.127	114.067	113.964	113.877	113.778	113.696	113.630	113.547	113.471	113.420	113.370	113.329	113.293	114.555	114.518	114.425	114.313	114.203	114.127	114.067	113.964	113.877	113.778	113.696	113.630	113.547	113.471	113.420	113.370	113.329	113.293
CH	92+584	92+600	92+625	92+650	92+675	92+700	92+725	92+750	92+775	92+800	92+825	92+850	92+875	92+900	92+925	92+950	92+975	93+000	92+584	92+600	92+625	92+650	92+675	92+700	92+725	92+750	92+775	92+800	92+825	92+850	92+875	92+900	92+925	92+950	92+975	93+000	92+584	92+600	92+625	92+650	92+675	92+700	92+725	92+750	92+775	92+800	92+825	92+850	92+875	92+900	92+925	92+950	92+975	93+000

REV.	REVISION/ISSUE	DATE

PROJECT:
 CONSTRUCTION OF RAJANPUR-DG KHAN
 SECTION OF N-55 AS 4-LANE HIGHWAY
 (121.50 Km)
 PACKAGE-2
 (Km 57+500 TO Km 121+500)

CLIENT:
 NATIONAL HIGHWAYS
 AUTHORITY (NHA)

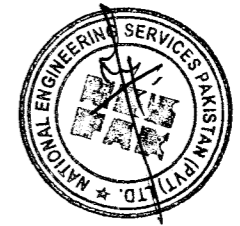
- CONSULTANTS:
- MINCONSULT SDN BHD
In Joint Venture With
 - SAMAN CORPORATION
 - SHELADIA ASSOCIATES
 - CEC
 - AAA
 - ACE
 - AA
 - ACC

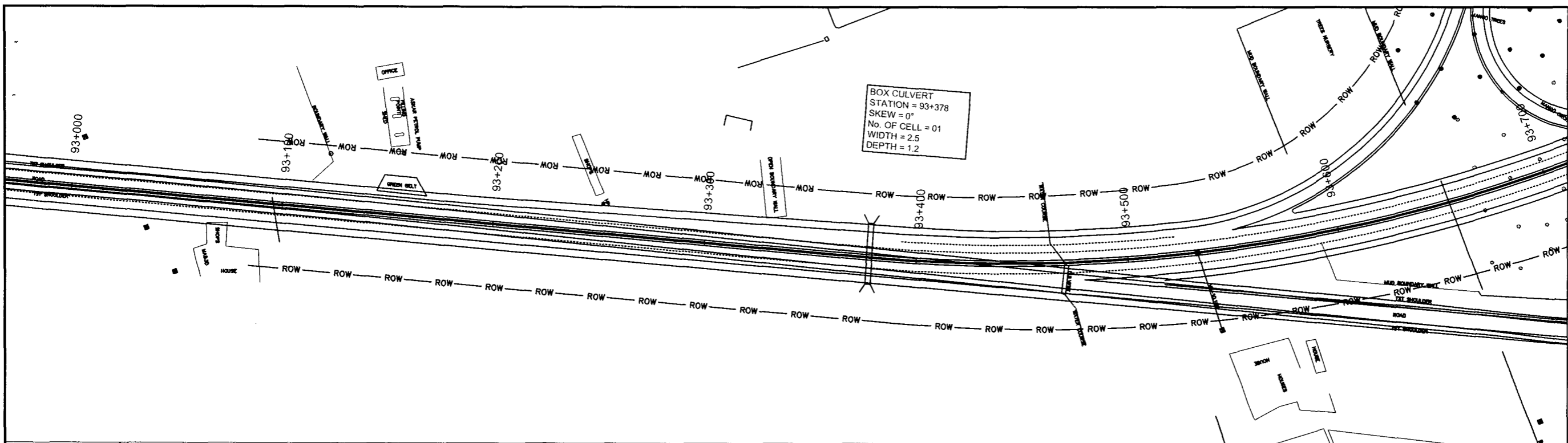
DRAWING TITLE:
 PLAN & PROFILE
 92+583.92 - 92+999.89

DESIGN BY: A.S	SHEET NO: 54 OF 98
DRAWN BY: S.A	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024
APPROVED BY:	REVISION:

CAD FILE NAME:
 CAREC/T-III/TD/010

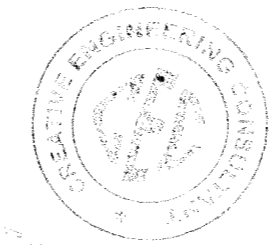
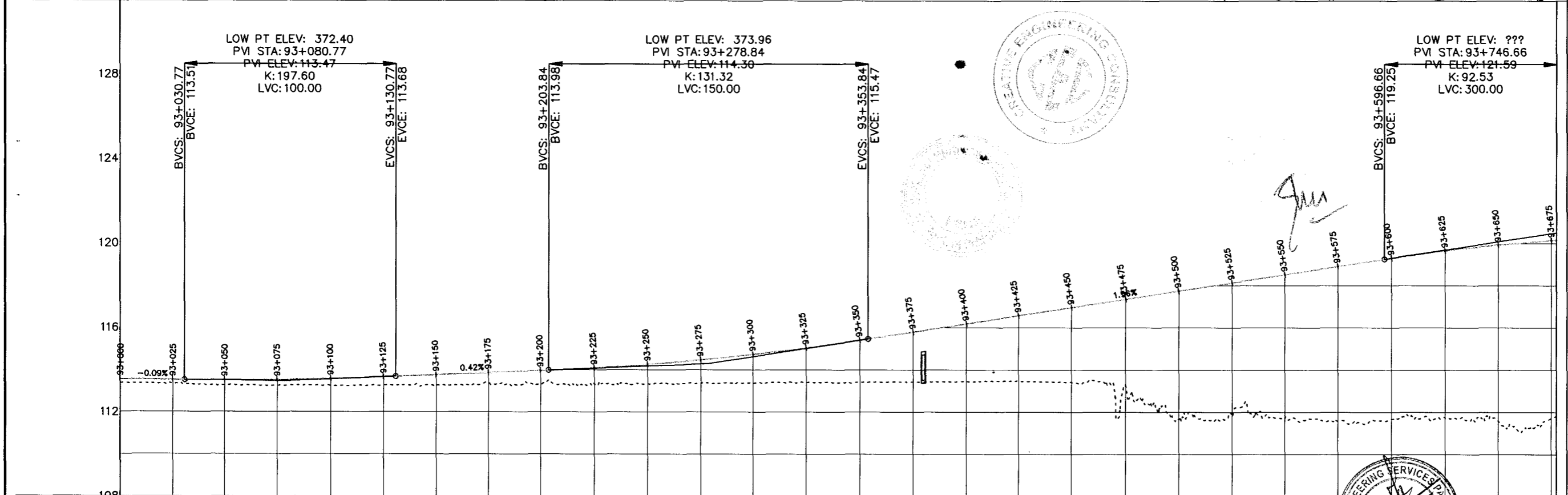
Signature





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-2 (Km 57+500 TO Km 121+500)

CLIENT:
NHA NATIONAL HIGHWAYS AUTHORITY (NHA)

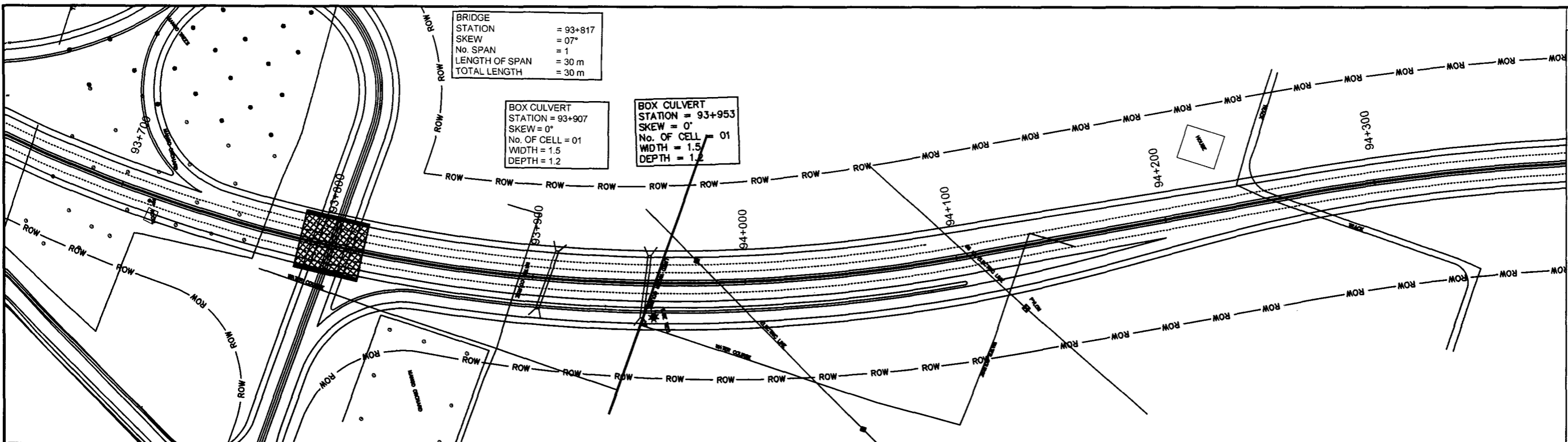
- CONSULTANTS:
- MINCONSULT SDN BHD In Joint Venture With
 - SAMAN CORPORATION
 - SHELADIA ASSOCIATES
 - CEC
 - AAA
 - ACE
 - AA
 - ACC

DRAWING TITLE:
PLAN & PROFILE
93+000.00 - 93+677.42

DESIGN BY: A S	SHEET NO: 55 OF 98
DRAWN BY: S A	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A S	DATE: APRIL, 2024
APPROVED BY:	REVISION:

CAD FILE NAME:
CAREC/IT-III/TD/011

HCD	L=377.44m															L=724.51m R=750.00m																													
VCD	Grade (-0.09%) Tangent Length (30.77) Chainage (93+030.77) Elevation (113.51)															Grade (0.42%) Tangent Length (73.06) Chainage (93+203.84) Elevation (113.98)															Grade (1.56%) Tangent Length (242.82) Chainage (93+596.66) Elevation (119.25)														
P.G.L	113.541	113.519	113.506	113.524	113.574	113.655	113.759	113.863	113.967	114.089	114.257	114.474	114.737	115.048	115.407	115.797	116.187	116.577	116.967	117.357	117.747	118.137	118.527	118.917	119.306	119.693	120.145																		
N.S.L	113.362	113.319	113.275	113.238	113.246	113.264	113.264	113.368	113.275	113.331	113.332	113.363	113.356	113.356	113.404	113.425	113.458	113.471	113.416	113.261	111.688	111.826	111.705	111.589	111.672	111.738	111.588	111.451																	
CH	93+000	93+025	93+050	93+075	93+100	93+125	93+150	93+175	93+200	93+225	93+250	93+275	93+300	93+325	93+350	93+375	93+400	93+425	93+450	93+475	93+500	93+525	93+550	93+575	93+600	93+625	93+650	93+675																	



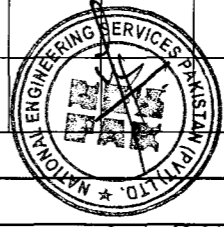
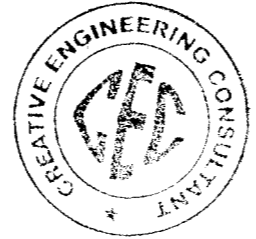
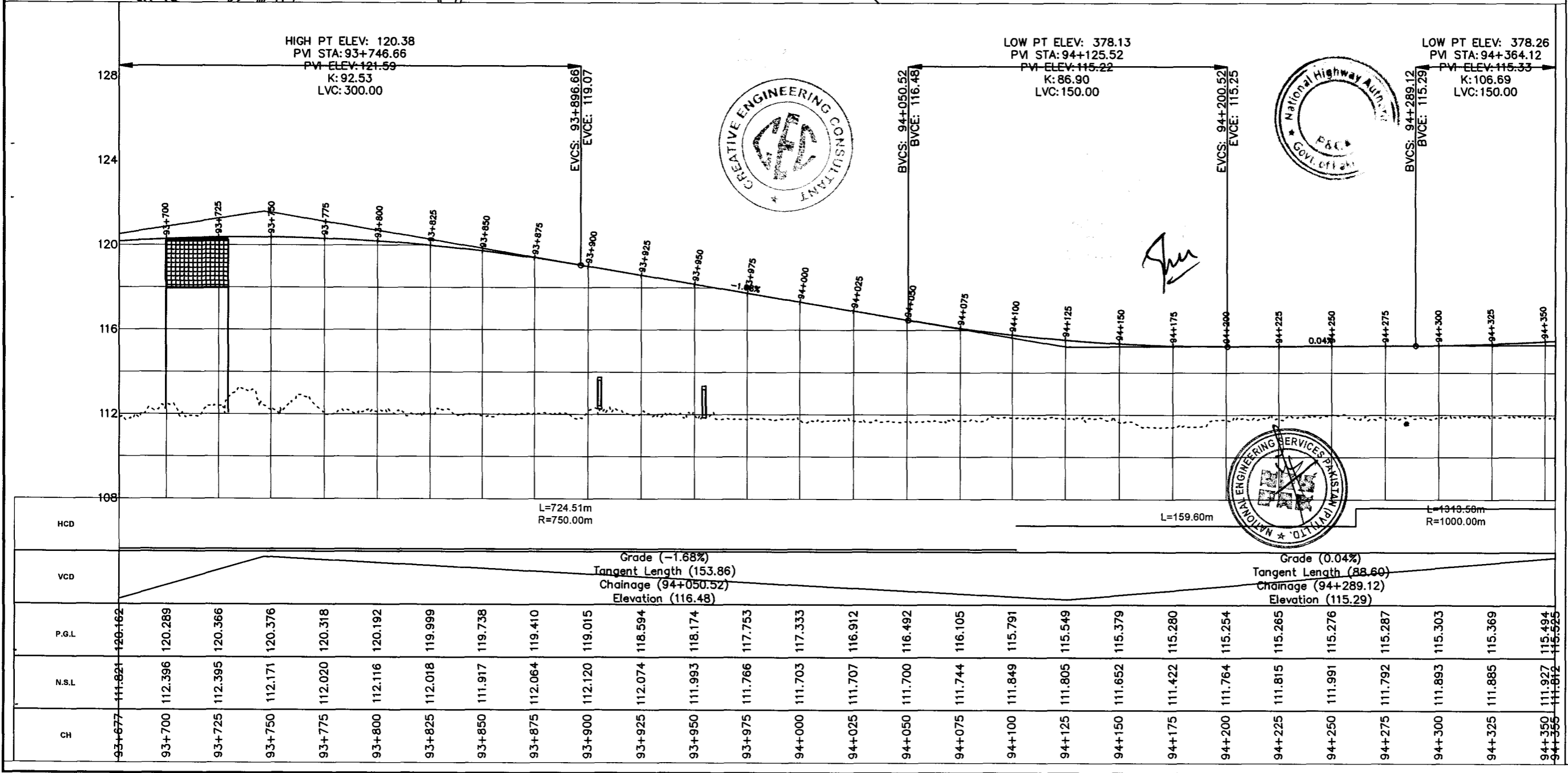
BRIDGE
STATION = 93+817
SKEW = 07°
No. SPAN = 1
LENGTH OF SPAN = 30 m
TOTAL LENGTH = 30 m

BOX CULVERT
STATION = 93+907
SKEW = 0°
No. OF CELL = 01
WIDTH = 1.5
DEPTH = 1.2

BOX CULVERT
STATION = 93+953
SKEW = 0°
No. OF CELL = 01
WIDTH = 1.5
DEPTH = 1.2

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-2
(Km 57+500 TO Km 121+500)

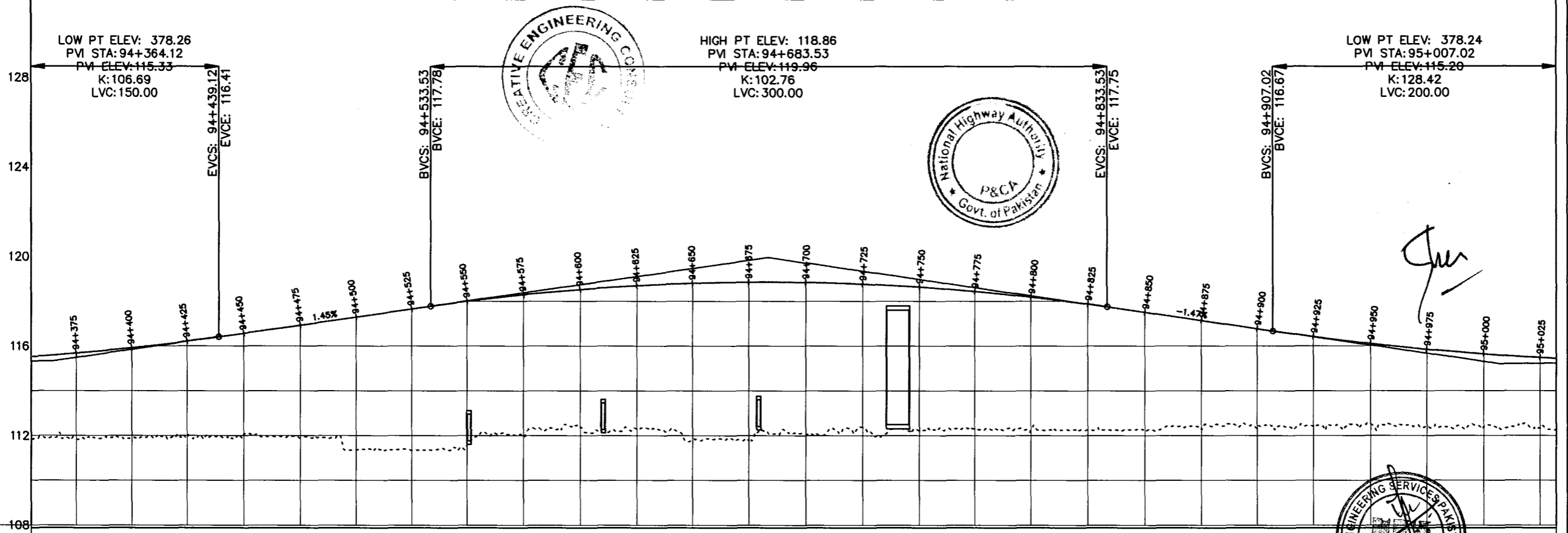
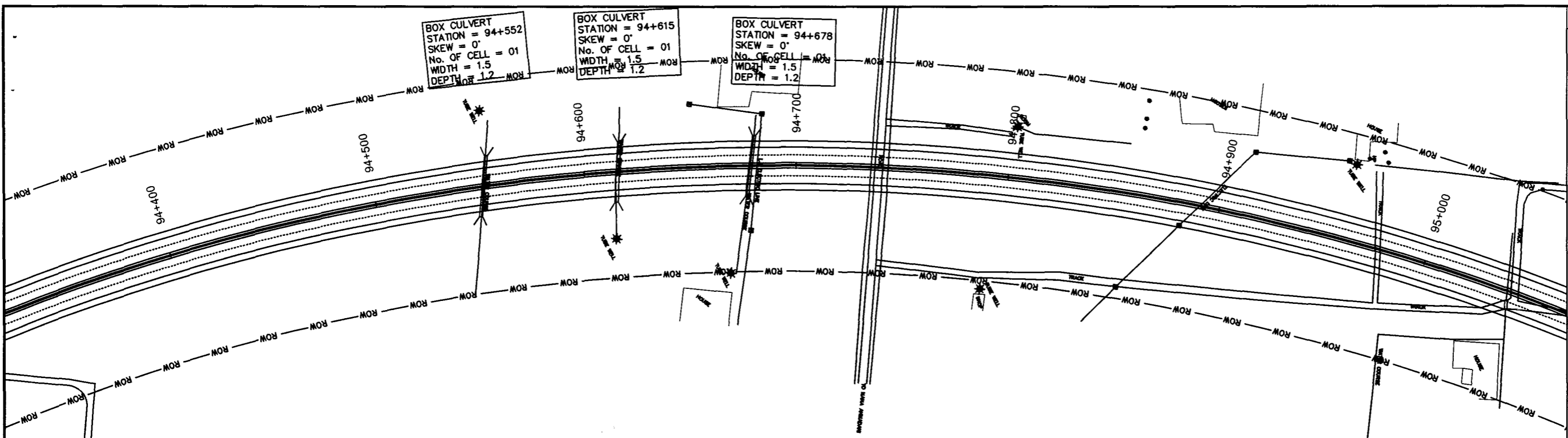
CLIENT:
NATIONAL HIGHWAYS
AUTHORITY (NHA)

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

DRAWING TITLE:
PLAN & PROFILE
93+677.42 - 94+354.85

DESIGN BY: A.S	SHEET NO: 56 OF 98
DRAWN BY: S.A	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024
APPROVED BY:	REVISION:

CAD FILE NAME:
CAREC/T-III/TD/011



Station	P.G.L	N.S.L	CH
94+355	111.812	111.812	94+355
94+375	111.844	111.844	94+375
94+400	111.906	111.906	94+400
94+425	111.900	111.900	94+425
94+450	112.067	112.067	94+450
94+475	111.902	111.902	94+475
94+500	111.367	111.367	94+500
94+525	111.346	111.346	94+525
94+550	111.578	111.578	94+550
94+575	111.935	111.935	94+575
94+600	112.354	112.354	94+600
94+625	112.263	112.263	94+625
94+650	111.838	111.838	94+650
94+675	111.818	111.818	94+675
94+700	112.045	112.045	94+700
94+725	112.364	112.364	94+725
94+750	112.221	112.221	94+750
94+775	112.283	112.283	94+775
94+800	112.280	112.280	94+800
94+825	112.252	112.252	94+825
94+850	112.170	112.170	94+850
94+875	112.268	112.268	94+875
94+900	112.298	112.298	94+900
94+925	112.405	112.405	94+925
94+950	112.512	112.512	94+950
94+975	112.393	112.393	94+975
95+000	112.411	112.411	95+000
95+025	112.328	112.328	95+025
95+052	112.288	112.288	95+052

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-2 (Km 57+500 TO Km 121+500)

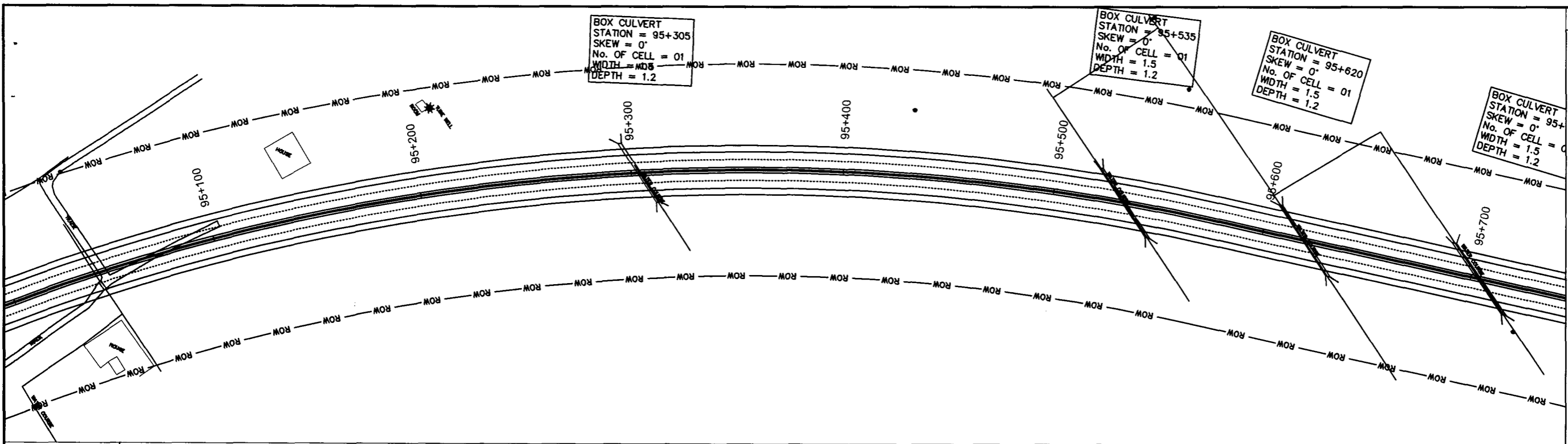
CLIENT:
NHA NATIONAL HIGHWAYS AUTHORITY (NHA)

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

DRAWING TITLE:
PLAN & PROFILE
94+354.85 - 95+032.27

DESIGN BY:	SHEET NO:
A.S	57 OF 98
DRAWN BY:	SCALE:
S.A	H = 1:2000 V = 1:100
CHECKED BY:	DATE:
A.S	APRIL, 2024
APPROVED BY:	REVISION:

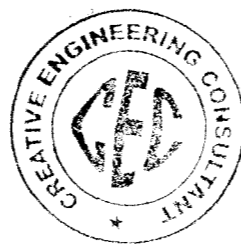
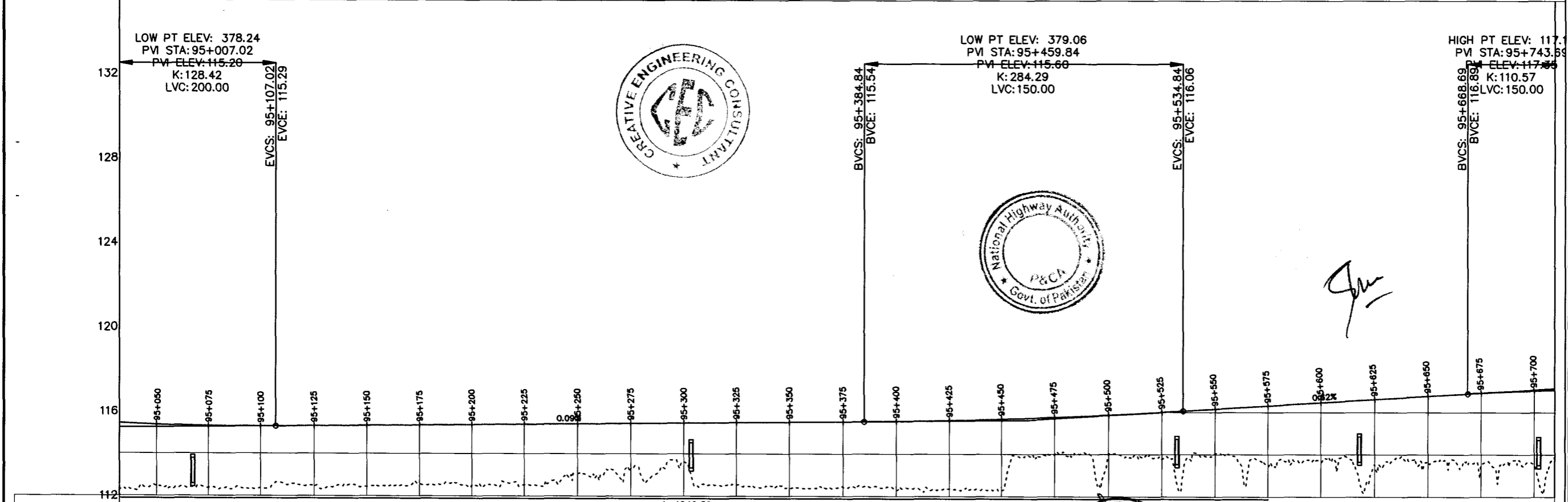
CAD FILE NAME:
CAREC/T-III/TD/011



NOTES
1. ALL DIMENSIONS AND ARE IN METERS.

LEGEND

REV.	REVISION/ISSUE	DATE



Signature

PROJECT:
CONSTRUCTION OF RAJANPUR-DG KHAN SECTION OF N-55 AS 4-LANE HIGHWAY (121.50 Km) PACKAGE-2 (Km 57+500 TO Km 121+500)

CLIENT:
NHA NATIONAL HIGHWAYS AUTHORITY (NHA)

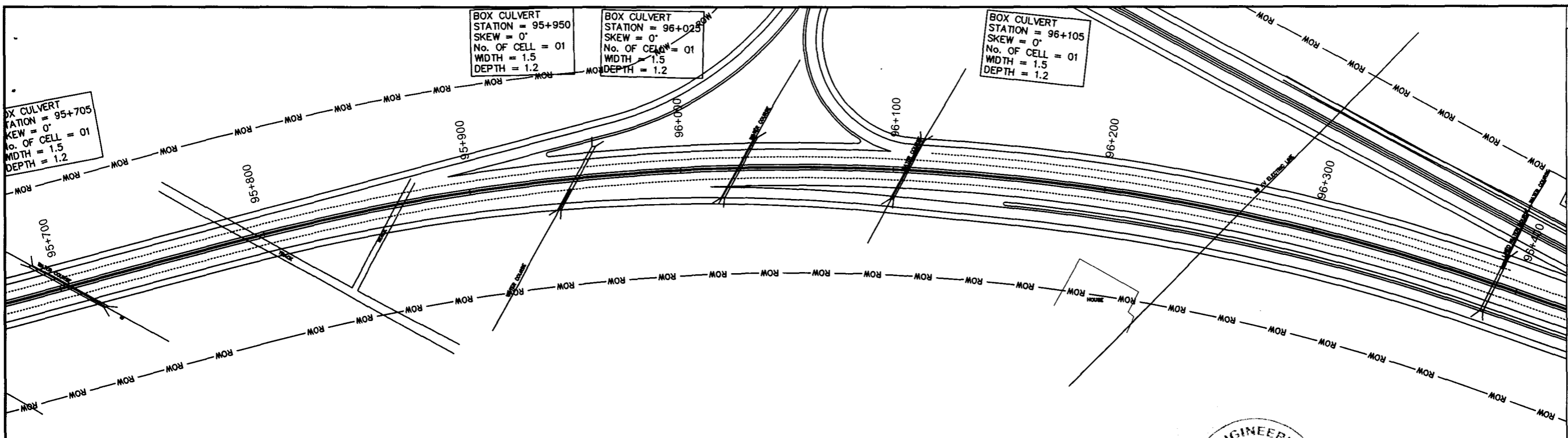
- CONSULTANTS:**
- MINCONSULT. SDN BHD In Joint Venture With
 - SAMAN CORPORATION
 - SHELADIA ASSOCIATES
 - CEC
 - AAA
 - ACE
 - AA
 - ACC

HCD	L=1313.58m R=1000.00m																				L=216.10m									
VCD	Grade (0.09%) Tangent Length (277.82) Chainage (95+384.84) Elevation (115.54)																				Grade (0.62%) Tangent Length (133.85) Chainage (95+668.69) Elevation (116.89)									
P.G.L	95+032	95+050	95+075	95+100	95+125	95+150	95+175	95+200	95+225	95+250	95+275	95+300	95+325	95+350	95+375	95+400	95+425	95+450	95+475	95+500	95+525	95+550	95+575	95+600	95+625	95+650	95+675	95+700	95+710	
N.S.L	112.288	112.432	112.376	112.379	112.430	112.428	112.589	112.504	112.528	113.063	113.292	113.599	112.528	112.349	112.426	112.261	112.353	112.264	113.965	113.979	113.774	114.042	113.478	113.643	113.525	113.611	113.547	113.550	113.908	
CH	115.444	115.368	115.304	115.288	115.308	115.330	115.352	115.374	115.396	115.418	115.440	115.462	115.484	115.506	115.528	115.554	115.600	115.668	115.759	115.817	116.005	116.157	116.311	116.465	116.619	116.773	116.925	117.036	117.064	

DRAWING TITLE:
PLAN & PROFILE
95+032.27 - 95+708.69

DESIGN BY:	SHEET NO:
A.S	58 OF 98
DRAWN BY:	SCALE:
S.A	H = 1:2000 V = 1:100
CHECKED BY:	DATE:
A.S	APRIL, 2024
APPROVED BY:	REVISION:

CAD FILE NAME:
CAREC/T-III/TD/011

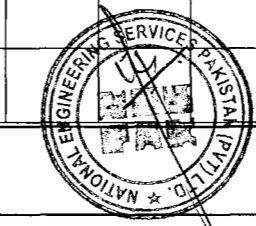
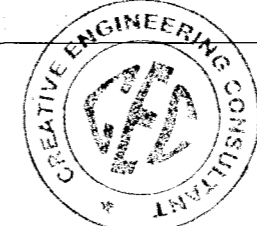
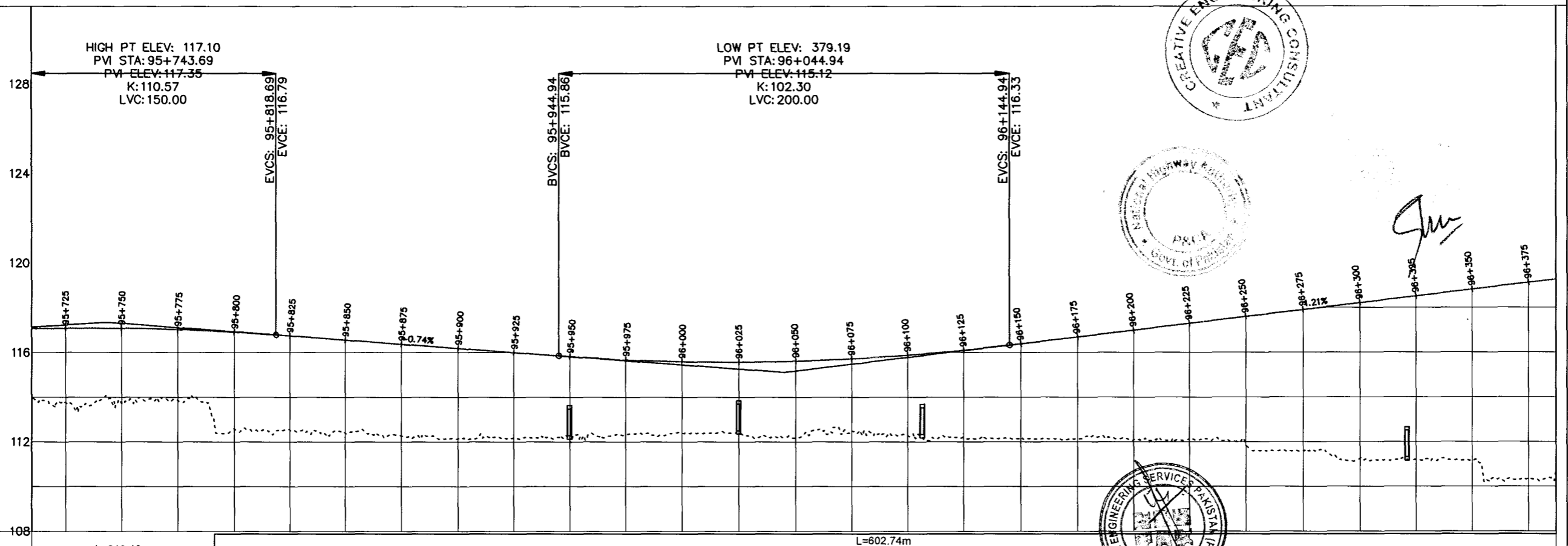


BOX CULVERT
STATION = 95+950
SKEW = 0°
No. OF CELL = 01
WIDTH = 1.5
DEPTH = 1.2

BOX CULVERT
STATION = 96+025
SKEW = 0°
No. OF CELL = 01
WIDTH = 1.5
DEPTH = 1.2

BOX CULVERT
STATION = 96+105
SKEW = 0°
No. OF CELL = 01
WIDTH = 1.5
DEPTH = 1.2

BOX CULVERT
STATION = 95+705
SKEW = 0°
No. OF CELL = 01
WIDTH = 1.5
DEPTH = 1.2



Station	95+710	95+725	95+750	95+775	95+800	95+825	95+850	95+875	95+900	95+925	95+950	95+975	96+000	96+025	96+050	96+075	96+100	96+125	96+150	96+175	96+200	96+225	96+250	96+275	96+300	96+325	96+350	96+375	
HCD	117.064	117.091	117.089	117.031	116.917	116.747	116.562	116.377	116.191	116.006	115.822	115.680	115.599	115.578	115.619	115.721	115.885	116.109	116.393	116.696	117.000	117.303	117.607	117.910	118.214	118.517	118.821	119.124	
VCD	113.968	113.756	113.732	113.843	112.575	112.533	112.405	112.272	112.151	112.177	112.040	112.305	112.423	112.368	112.185	112.453	112.247	112.186	112.200	112.143	112.098	112.151	111.860	111.582	111.248	111.190	111.151	110.372	110.272
P.G.L	117.064	117.091	117.089	117.031	116.917	116.747	116.562	116.377	116.191	116.006	115.822	115.680	115.599	115.578	115.619	115.721	115.885	116.109	116.393	116.696	117.000	117.303	117.607	117.910	118.214	118.517	118.821	119.124	
N.S.L	113.968	113.756	113.732	113.843	112.575	112.533	112.405	112.272	112.151	112.177	112.040	112.305	112.423	112.368	112.185	112.453	112.247	112.186	112.200	112.143	112.098	112.151	111.860	111.582	111.248	111.190	111.151	110.372	110.272
SH	95+710	95+725	95+750	95+775	95+800	95+825	95+850	95+875	95+900	95+925	95+950	95+975	96+000	96+025	96+050	96+075	96+100	96+125	96+150	96+175	96+200	96+225	96+250	96+275	96+300	96+325	96+350	96+375	

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-2
(Km 57+500 TO Km 121+500)

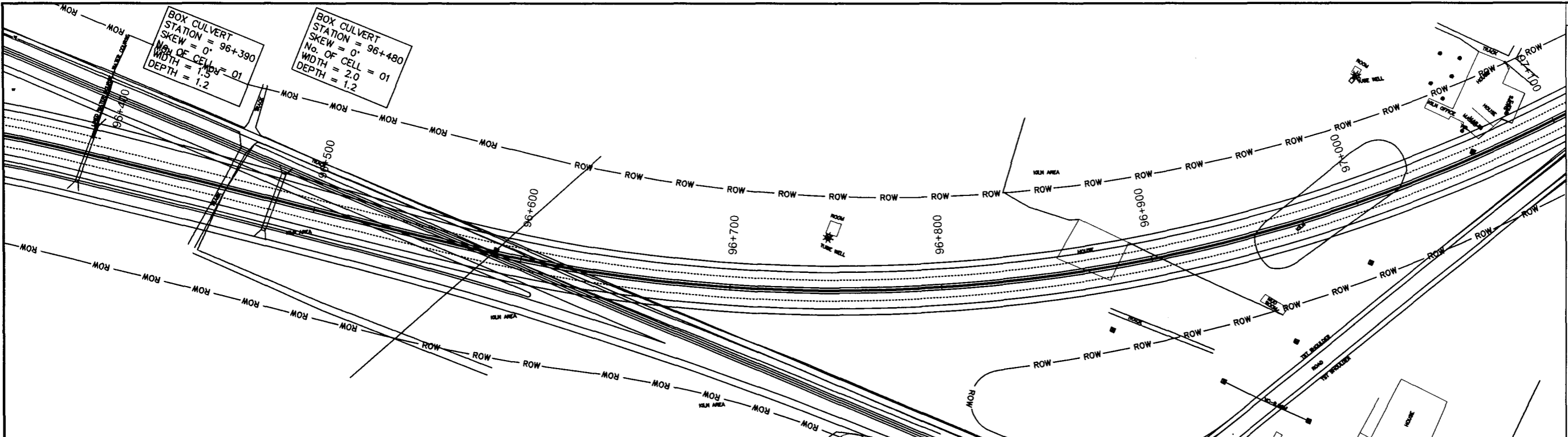
CLIENT:
NHA NATIONAL HIGHWAYS AUTHORITY (NHA)

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

DRAWING TITLE:
PLAN & PROFILE
95+709.69 - 96+387.12

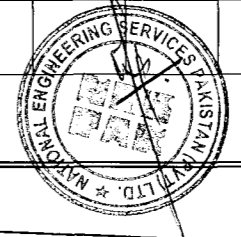
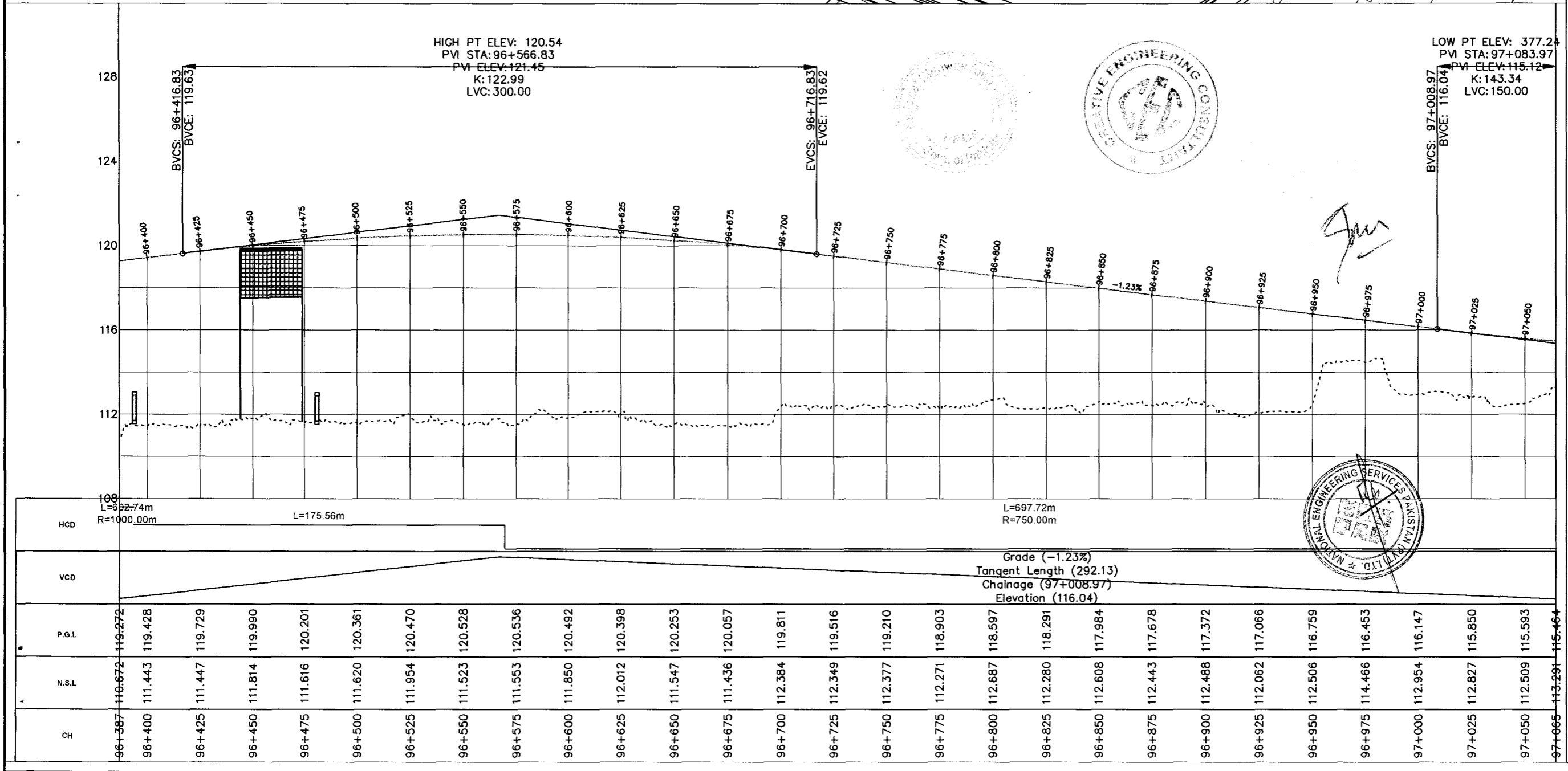
DESIGN BY: A.S	SHEET NO: 59 OF 98
DRAWN BY: S.A	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024
APPROVED BY:	REVISION:

CAD FILE NAME:
CAREC/T-III/TD/011



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-2
(Km 57+500 TO Km 121+500)

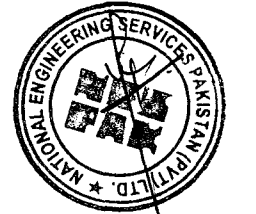
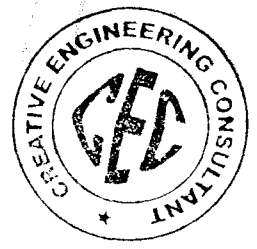
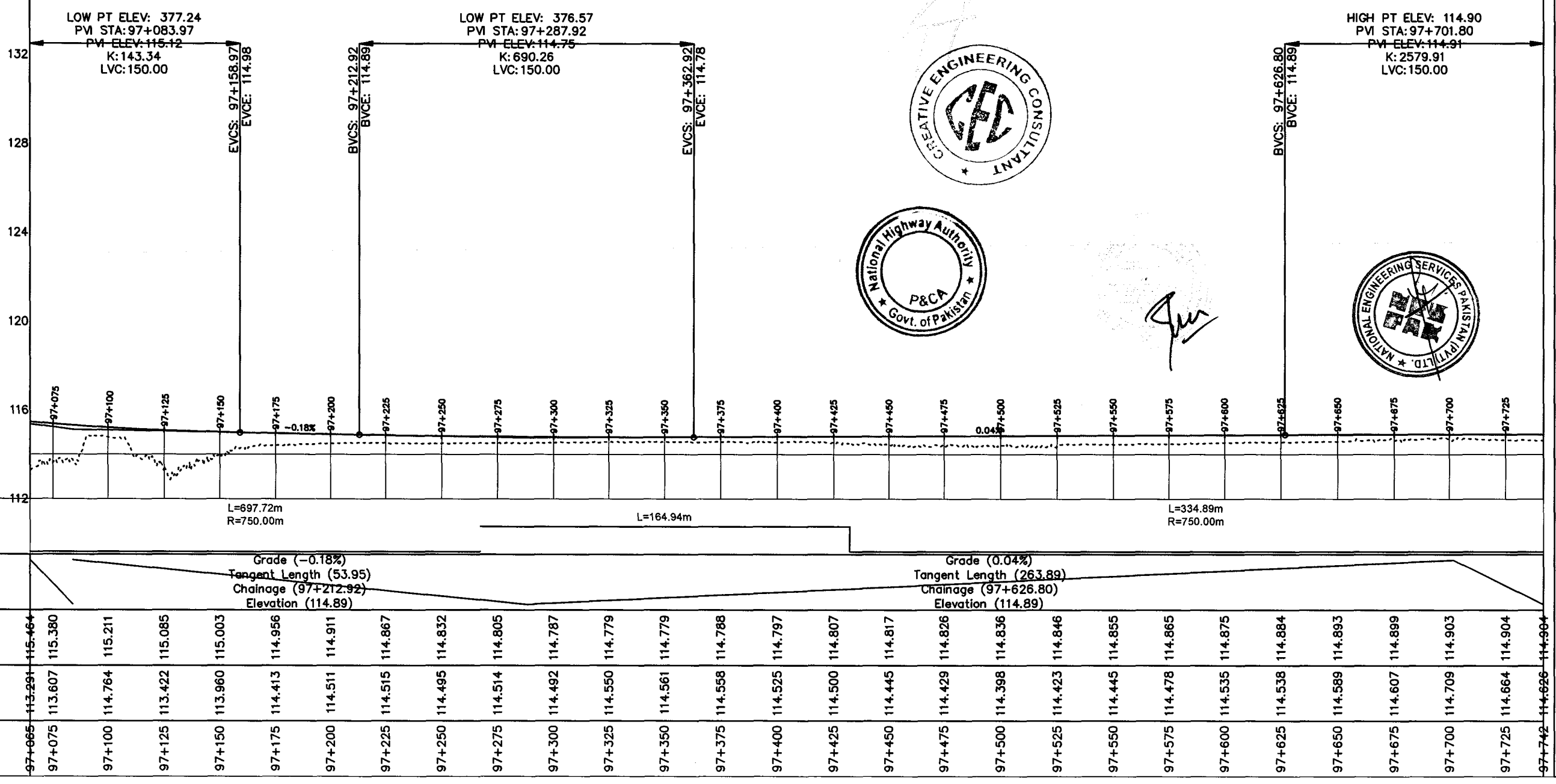
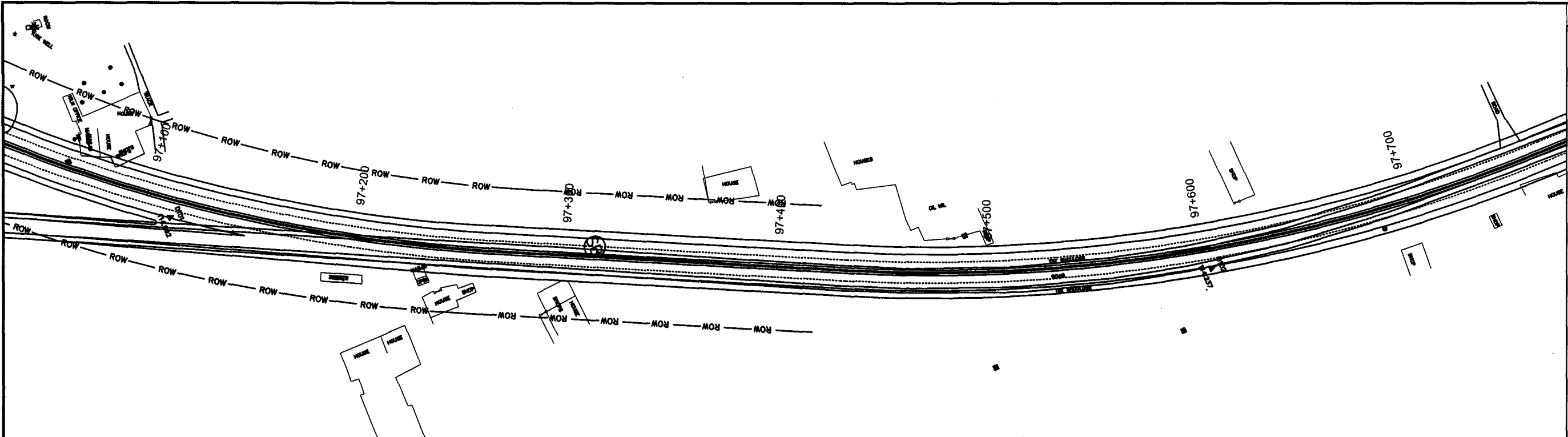
CLIENT:
NHA NATIONAL HIGHWAYS AUTHORITY (NHA)

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

DRAWING TITLE:
PLAN & PROFILE
96+387.12 - 97+064.54

DESIGN BY: A.S	SHEET NO: 60 OF 98
DRAWN BY: S.A	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024
APPROVED BY:	REVISION:

CAD FILE NAME:
CAREC/T-III/TD/011



Signature

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-2 (Km 57+500 TO Km 121+500)

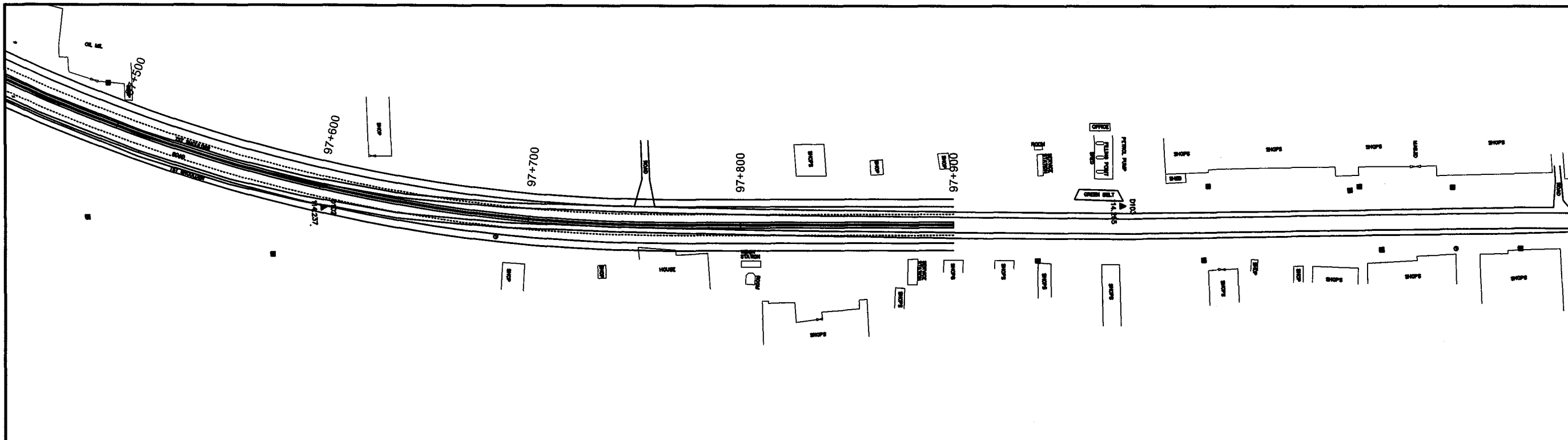
CLIENT:
NATIONAL HIGHWAYS AUTHORITY (NHA)

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

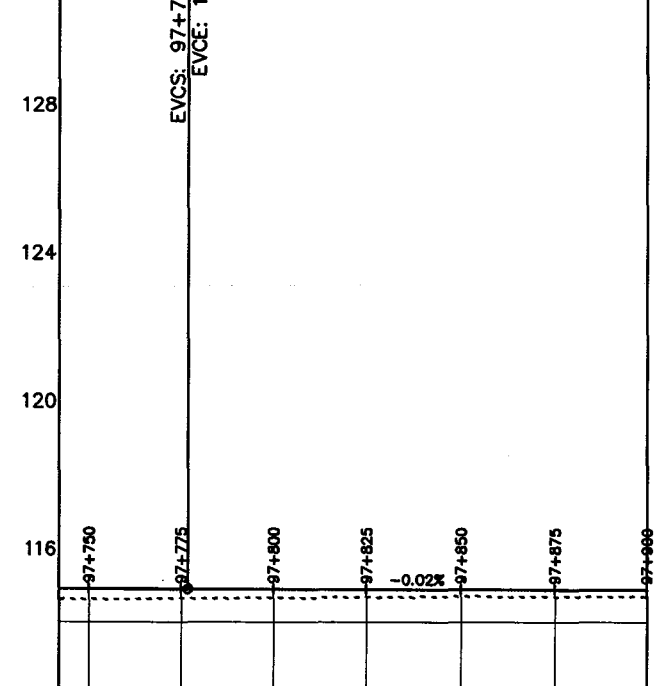
DRAWING TITLE:
PLAN & PROFILE
97+064.54 - 97+741.96

DESIGN BY: A.S	SHEET NO: 61 OF 98
DRAWN BY: S.A	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024
APPROVED BY:	REVISION:

CAD FILE NAME:
CAREC/T-III/TD/011



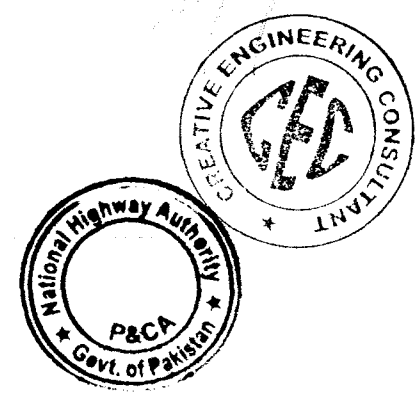
HIGH PT ELEV: 114.90
 PVI STA: 97+701.80
 PVI ELEV: 114.90
 K: 2579.9809
 LVC: 150.08
 EVCS: 97+775
 EVCE: 114.90



Station	HCD	VCD	P.G.L	N.S.L	CH
97+742			114.626	114.904	
97+750			114.624	114.903	
97+775			114.649	114.900	
97+800			114.652	114.895	
97+825			114.682	114.890	
97+850			114.700	114.885	
97+875			114.681	114.880	
97+900			114.690	114.875	

L=334.89m
 R=750.00m
 L=132.93m

Grade (-0.02%)
 Tangent Length (123.20)
 Chainage (97+900.00)
 Elevation (114.88)



Jur

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-2
 (Km 57+500 TO Km 121+500)

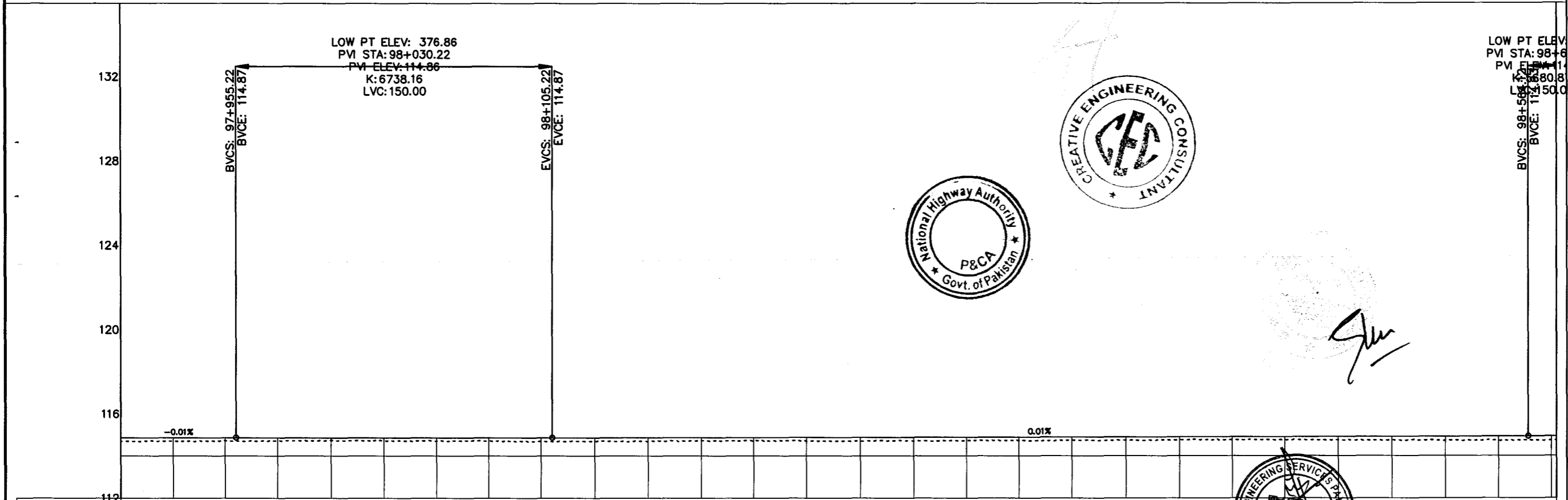
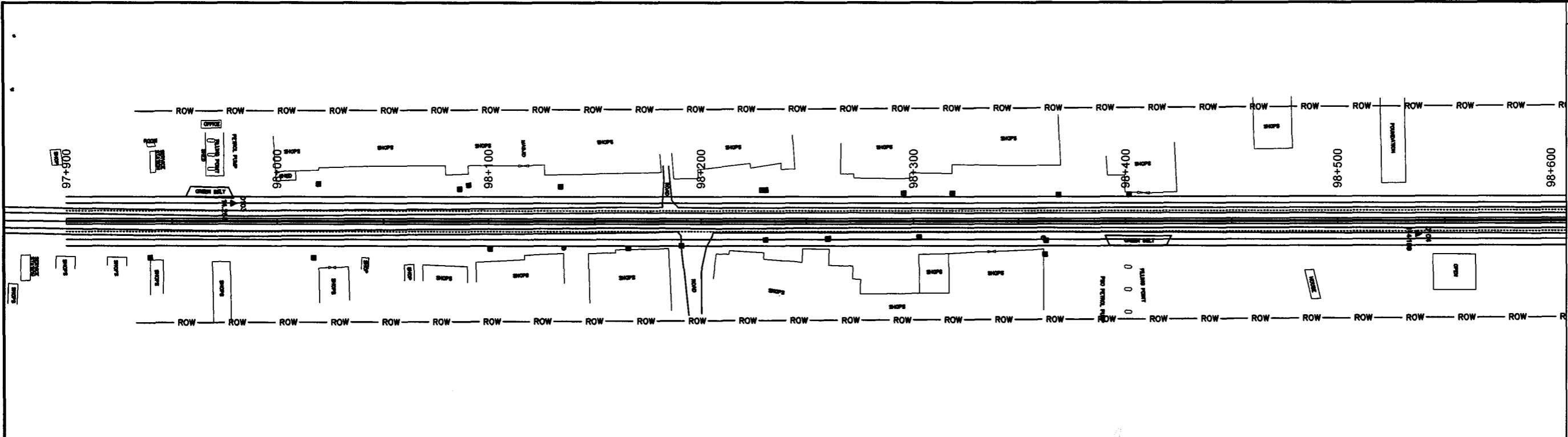
CLIENT:
 NATIONAL HIGHWAYS
 AUTHORITY (NHA)

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

DRAWING TITLE:
 PLAN & PROFILE
 97+741.96 - 97+900.00

DESIGN BY: A.S	SHEET NO: 62 OF 98
DRAWN BY: S.A	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024
APPROVED BY:	REVISION:

CAD FILE NAME:
 CAREC/T-III/TD/011



Station	SH	N.S.L	P.G.L
97+900	114.690	114.875	114.875
97+925	114.692	114.873	114.873
97+950	114.726	114.870	114.869
97+975	114.707	114.869	114.869
98+000	114.738	114.867	114.867
98+025	114.723	114.867	114.867
98+050	114.708	114.868	114.868
98+075	114.721	114.870	114.870
98+100	114.719	114.873	114.873
98+125	114.693	114.876	114.876
98+150	114.680	114.879	114.879
98+175	114.726	114.882	114.882
98+200	114.719	114.886	114.886
98+225	114.696	114.889	114.889
98+250	114.701	114.892	114.892
98+275	114.719	114.896	114.896
98+300	114.714	114.899	114.899
98+325	114.723	114.902	114.902
98+350	114.743	114.906	114.906
98+375	114.743	114.909	114.909
98+400	114.753	114.912	114.912
98+425	114.754	114.916	114.916
98+450	114.758	114.919	114.919
98+475	114.746	114.922	114.922
98+500	114.727	114.925	114.925
98+525	114.710	114.929	114.929
98+550	114.719	114.932	114.932
98+575	114.736	114.936	114.936

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-2 (Km 57+500 TO Km 121+500)

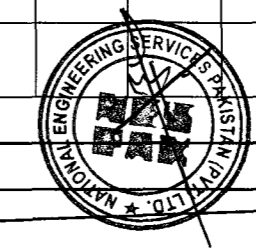
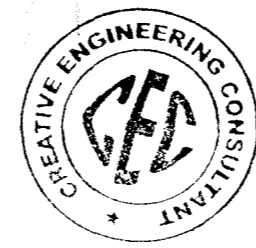
CLIENT:
NATIONAL HIGHWAYS AUTHORITY (NHA)

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

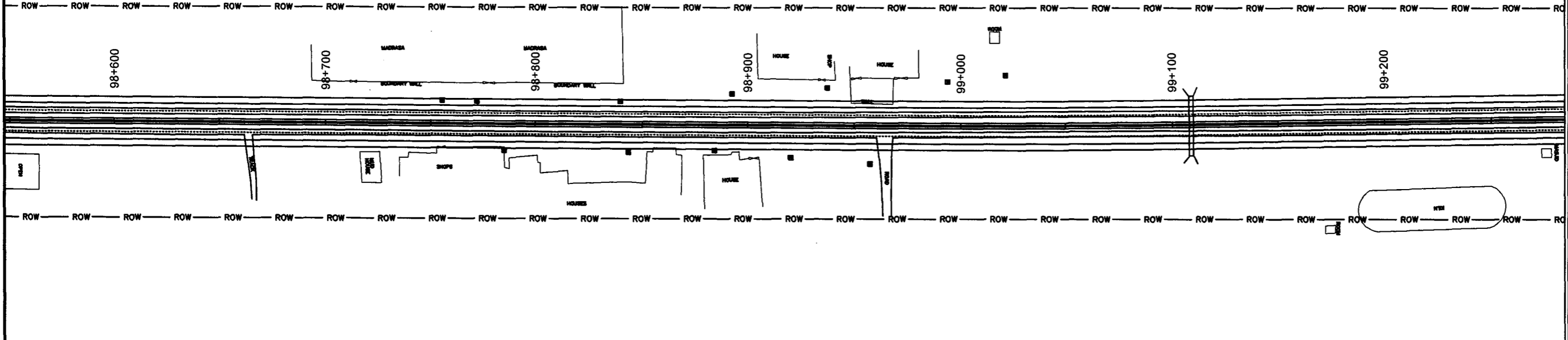
DRAWING TITLE:
PLAN & PROFILE
97+900.00 - 98+577.42

DESIGN BY: A.S	SHEET NO.: 63 OF 98
DRAWN BY: S.A	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024
APPROVED BY:	REVISION:

CAD FILE NAME:
CAREC/T-III/TD/012

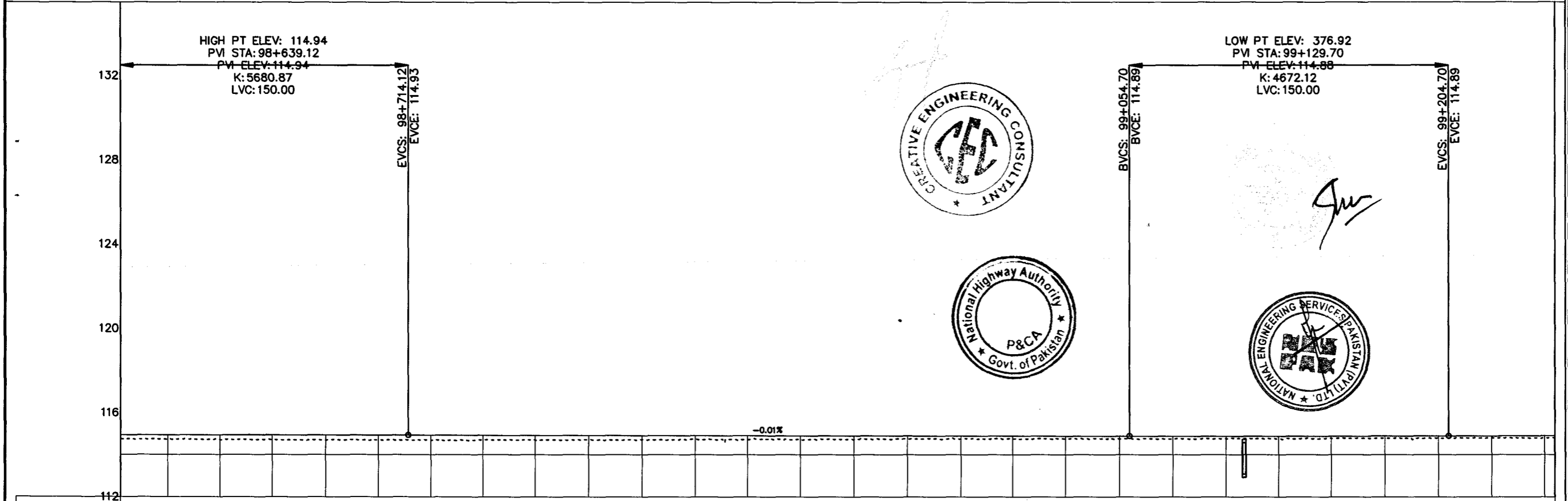


PROPOSED
BOX CULVERT
STATION = 99+109
SKEW = 0°
No. OF CELL = 01
WIDTH = 2.0
DEPTH = 1.5



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-2
(Km 57+500 TO Km 121+500)

CLIENT:
NATIONAL HIGHWAYS
AUTHORITY (NHA)

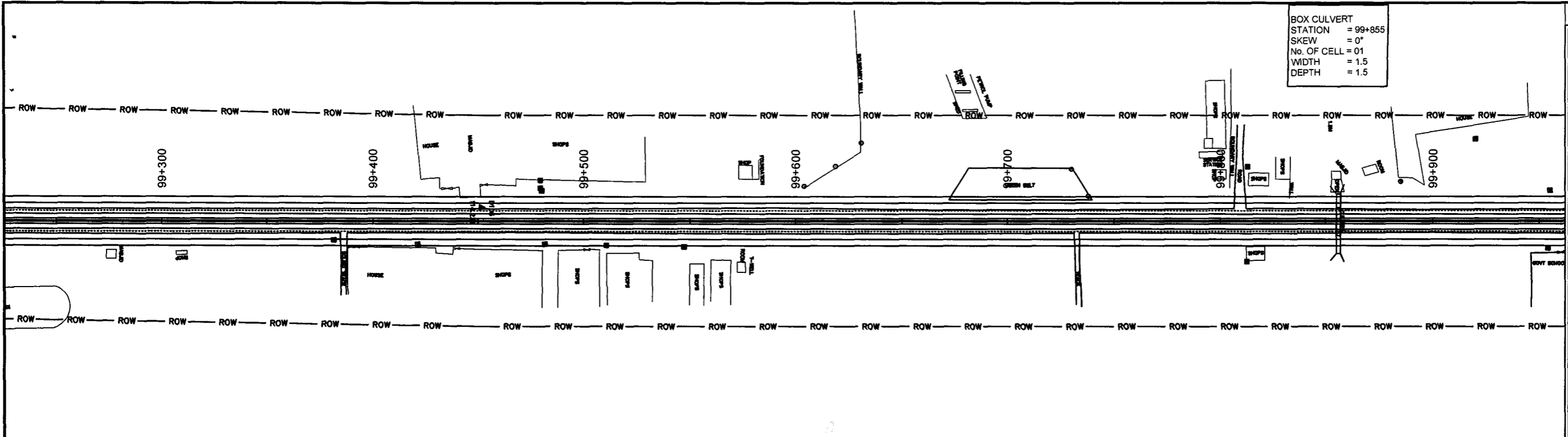
- CONSULTANTS:**
- MINCONSULT SDN BHD
In Joint Venture With
 - SAMAN CORPORATION
 - SHELADIA ASSOCIATES
 - CEC
 - AAA
 - ACE
 - AA
 - ACC

DRAWING TITLE:
PLAN & PROFILE
98+577.42 - 99+254.85

DESIGN BY: A.S	SHEET NO: 64 OF 98
DRAWN BY: S.A	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024
APPROVED BY:	REVISION:

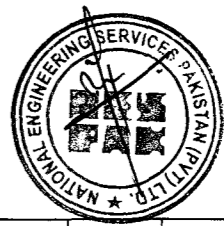
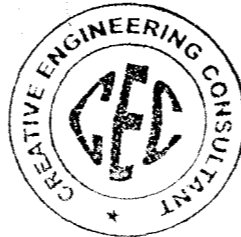
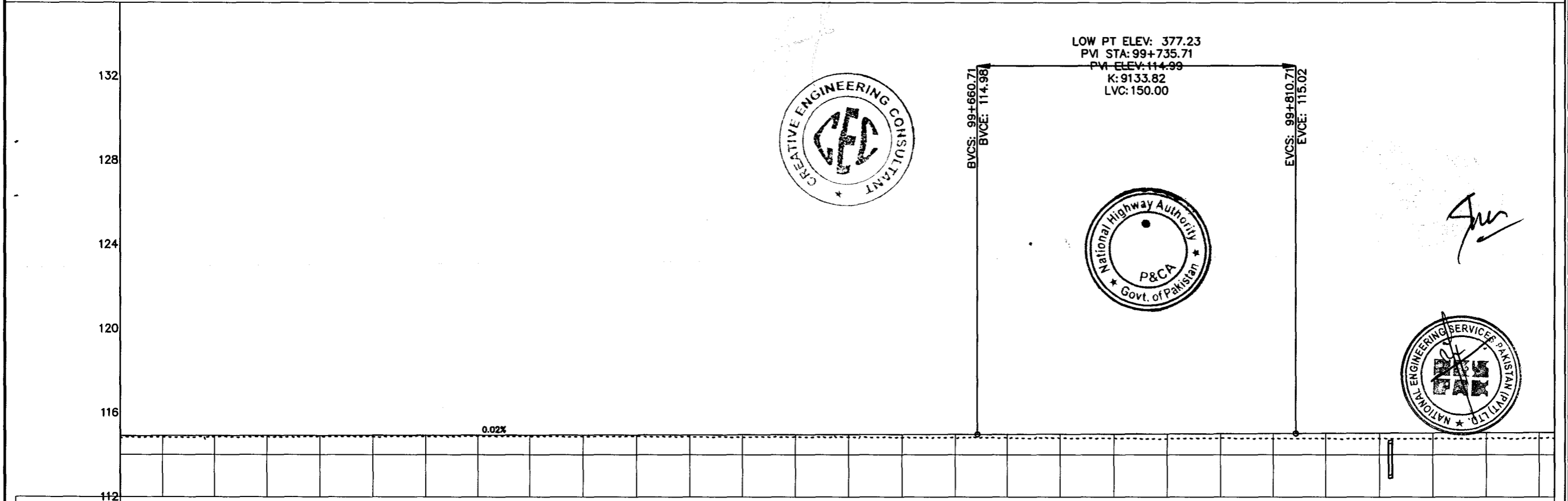
CAD FILE NAME:
CAREC/T-III/TD/012

HCD	L=1098.16m		L=92.99m R=5105.60m		L=1242.04m																									
VCD	Grade (-0.01%) Tangent Length (340.58) Chainage (99+054.70) Elevation (114.89)																													
P.G.L	98+577	98+600	98+625	98+650	98+675	98+700	98+725	98+750	98+775	98+800	98+825	98+850	98+875	98+900	98+925	98+950	98+975	99+000	99+025	99+050	99+075	99+100	99+125	99+150	99+175	99+200	99+225	99+250	99+255	
N.S.L	114.740	114.722	114.712	114.704	114.682	114.695	114.669	114.688	114.698	114.715	114.714	114.721	114.731	114.728	114.719	114.738	114.751	114.754	114.750	114.750	114.745	114.748	114.755	114.745	114.767	114.779	114.783	114.792	114.783	114.782
CH	98+577	98+600	98+625	98+650	98+675	98+700	98+725	98+750	98+775	98+800	98+825	98+850	98+875	98+900	98+925	98+950	98+975	99+000	99+025	99+050	99+075	99+100	99+125	99+150	99+175	99+200	99+225	99+250	99+255	



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-2 (Km 57+500 TO Km 121+500)

CLIENT:
NATIONAL HIGHWAYS AUTHORITY (NHA)

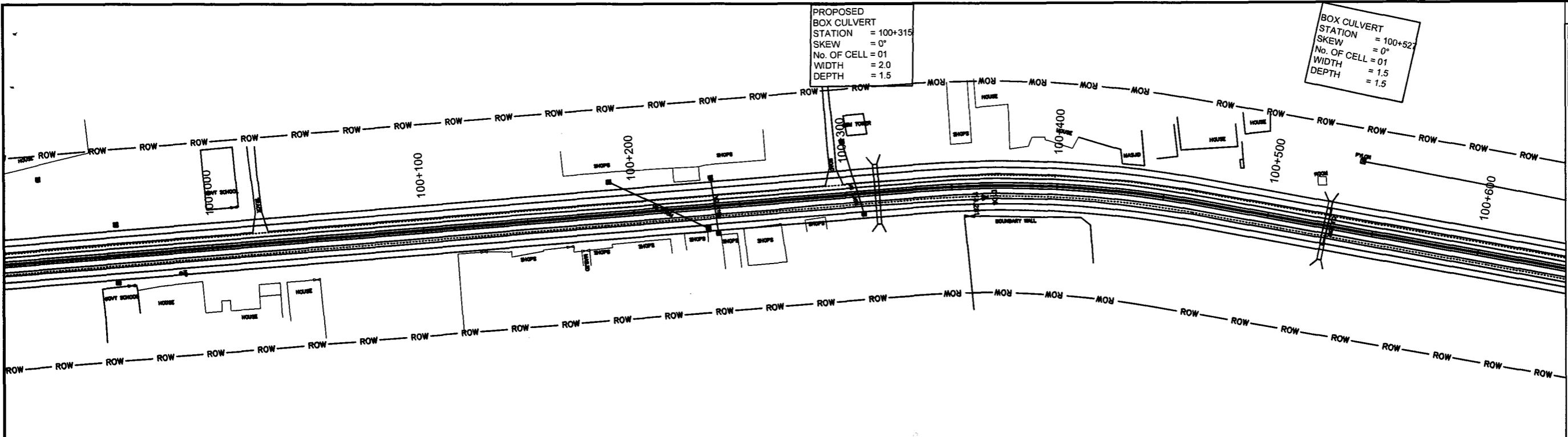
- CONSULTANTS:**
- MINCONSULT SDN BHD In Joint Venture With
 - SAMAN CORPORATION
 - SHELADIA ASSOCIATES
 - CEC
 - AAA
 - ACE
 - AA
 - ACC

DRAWING TITLE:
PLAN & PROFILE
99+254.85 - 99+932.27

DESIGN BY: A.S	SHEET NO: 65 OF 98
DRAWN BY: S.A	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024
APPROVED BY:	REVISION:

CAD FILE NAME:
CAREC/T-III/TD/012

HCD	L=1242.04m																													
VCD	Grade (0.02%) Tangent Length (456.01) Chainage (99+660.71) Elevation (114.98)																													
P.G.L	114.903	114.907	114.912	114.916	114.921	114.926	114.931	114.935	114.940	114.945	114.950	114.954	114.959	114.964	114.968	114.973	114.978	114.983	114.988	114.994	115.001	115.009	115.017	115.026	115.035	115.043	115.052	115.061	115.064	
N.S.L	114.782	114.829	114.823	114.857	114.886	114.860	114.876	114.885	114.866	114.875	114.879	114.855	114.832	114.855	114.843	114.824	114.800	114.802	114.786	114.781	114.759	114.785	114.758	114.770	114.771	114.759	114.765	114.765	114.779	114.763
CH	99+255	99+275	99+300	99+325	99+350	99+375	99+400	99+425	99+450	99+475	99+500	99+525	99+550	99+575	99+600	99+625	99+650	99+675	99+700	99+725	99+750	99+775	99+800	99+825	99+850	99+875	99+900	99+925	99+932	



PROPOSED
BOX CULVERT
STATION = 100+315
SKEW = 0°
No. OF CELL = 01
WIDTH = 2.0
DEPTH = 1.5

BOX CULVERT
STATION = 100+527
SKEW = 0°
No. OF CELL = 01
WIDTH = 1.5
DEPTH = 1.5

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-2
(Km 57+500 TO Km 121+500)

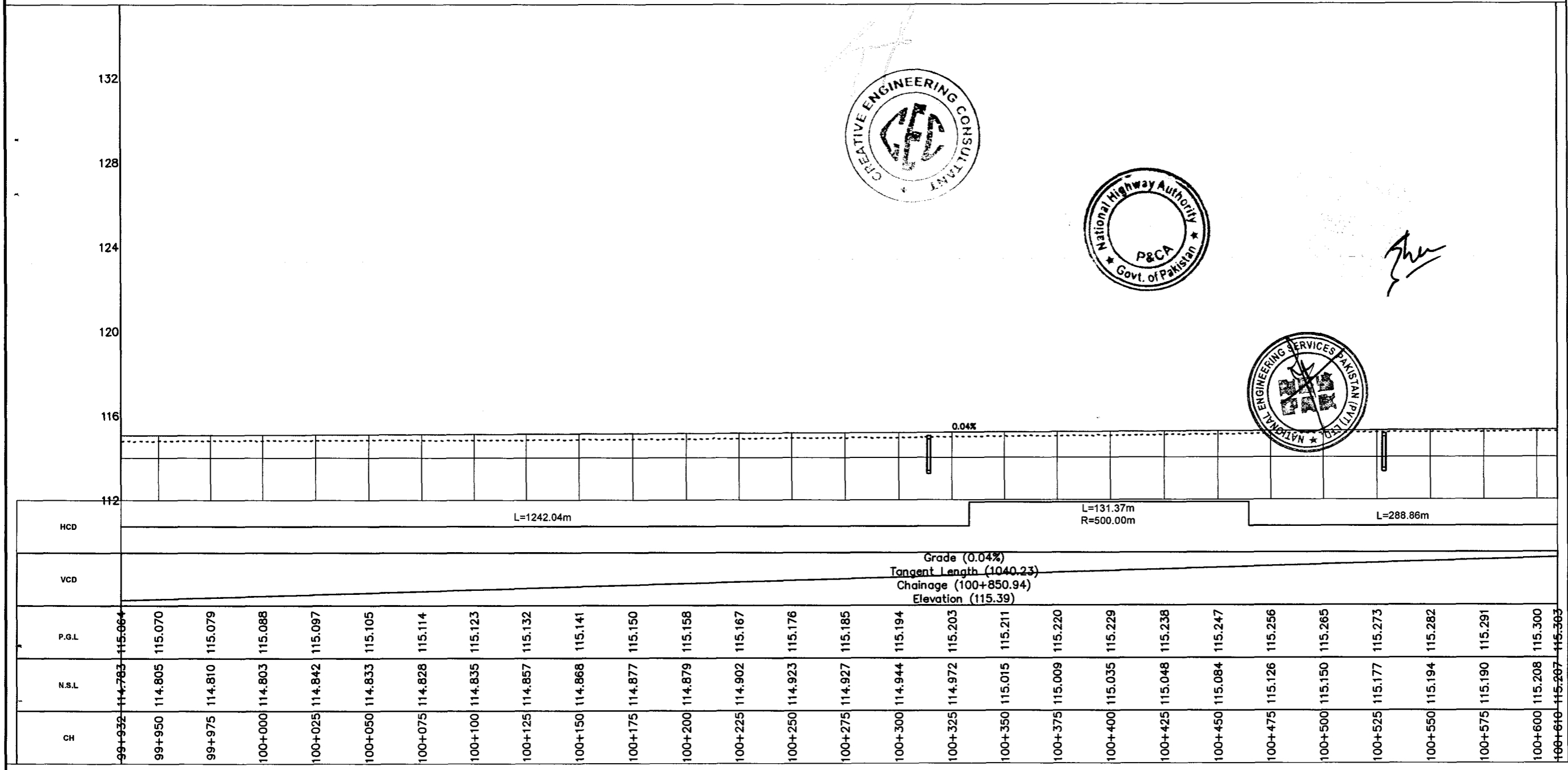
CLIENT:
NATIONAL HIGHWAYS
AUTHORITY (NHA)

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

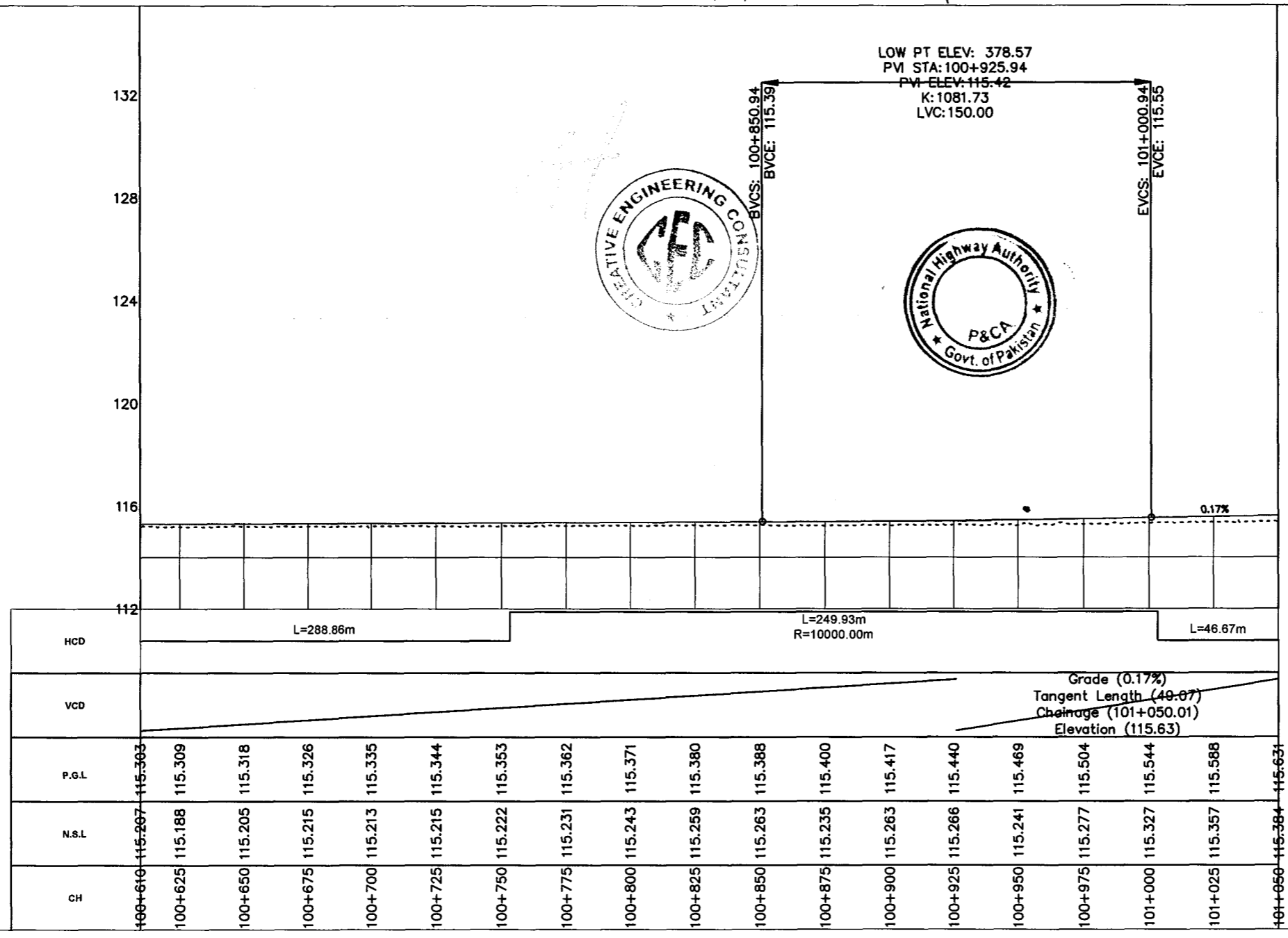
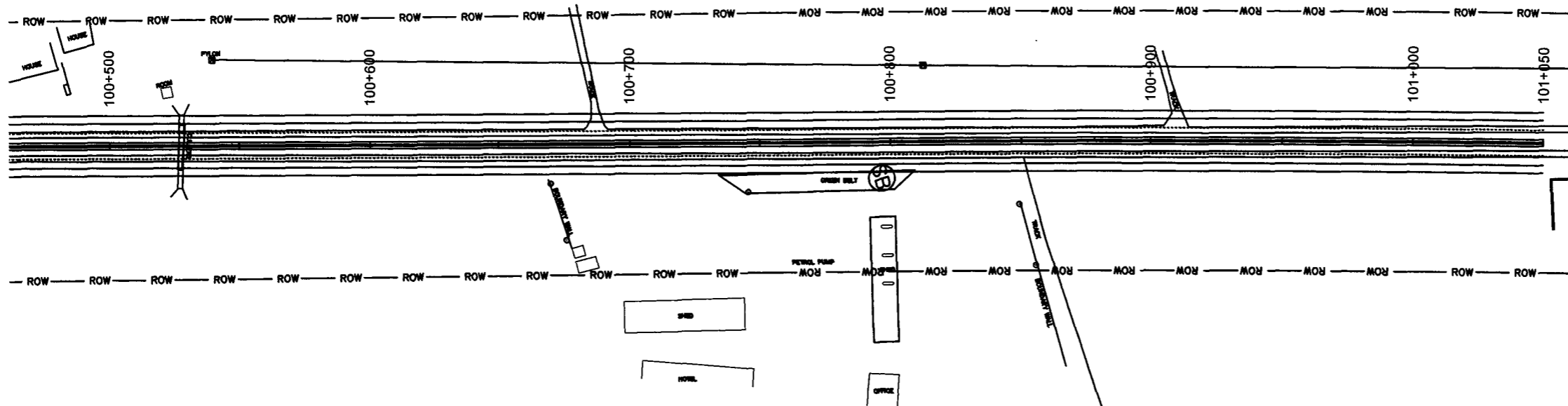
DRAWING TITLE:
PLAN & PROFILE
99+932.27 - 100+609.69

DESIGN BY: A.S	SHEET NO: 66 OF 98
DRAWN BY: S.A	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024
APPROVED BY:	REVISION:

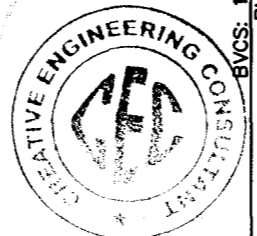
CAD FILE NAME:
CAREC/T-III/TD/012



BOX CULVERT
 STATION = 100+527
 SKEW = 0°
 No. OF CELL = 01
 WIDTH = 1.5
 DEPTH = 1.5



LOW PT ELEV: 378.57
 PM STA: 100+925.94
 PM ELEV: 115.42
 K: 1081.73
 LVC: 150.00



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-2 (Km 57+500 TO Km 121+500)

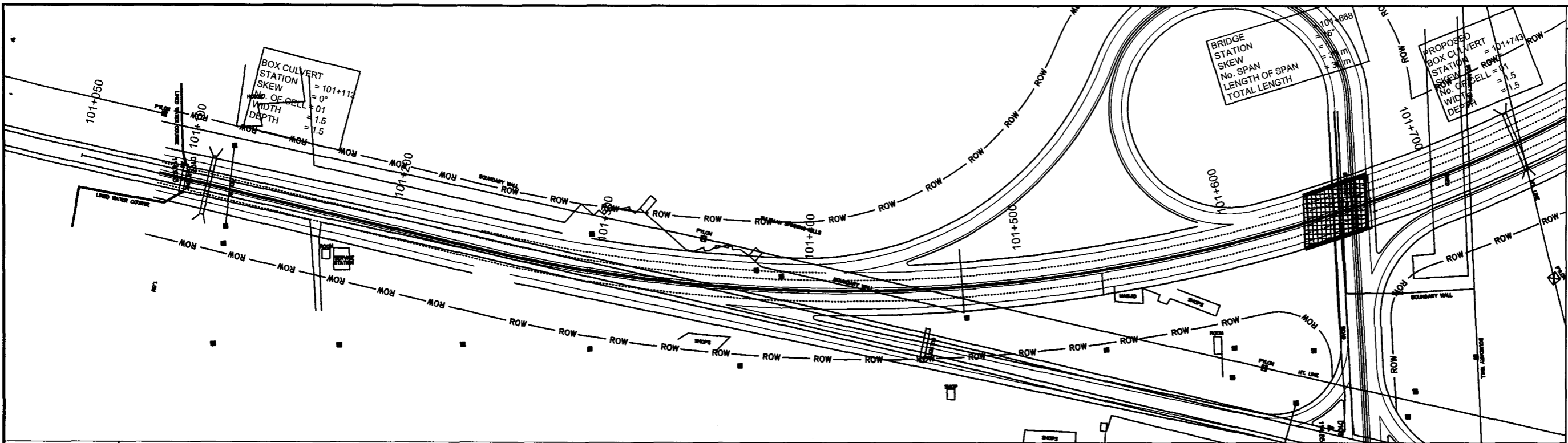
CLIENT:
 NATIONAL HIGHWAYS AUTHORITY (NHA)

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

DRAWING TITLE:
 PLAN & PROFILE
 100+609.69 - 101+050.01

DESIGN BY: A.S	SHEET NO: 67 OF 98
DRAWN BY: S.A	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024
APPROVED BY:	REVISION:

CAD FILE NAME:
 CAREC/T-III/TD/012



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-2
 (Km 57+500 TO Km 121+500)

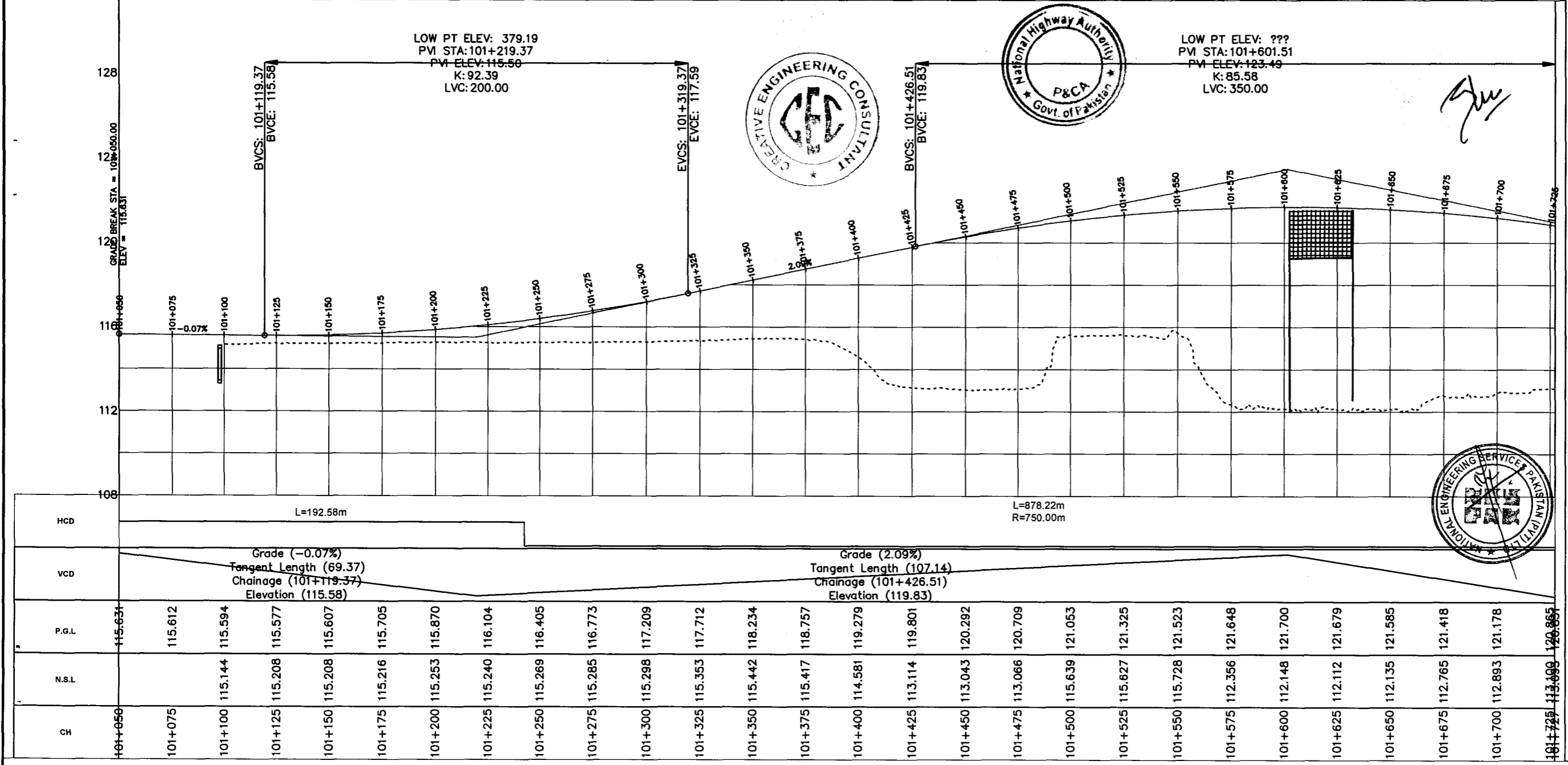
CLIENT:
 NATIONAL HIGHWAYS AUTHORITY (NHA)

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

DRAWING TITLE:
 PLAN & PROFILE
 101+050.00 - 101+727.42

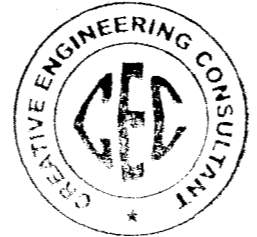
DESIGN BY: A.S	SHEET NO: 68 OF 98
DRAWN BY: S.A	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024
APPROVED BY:	REVISION:

CAD FILE NAME:
 CAREC/T-III/TD/013

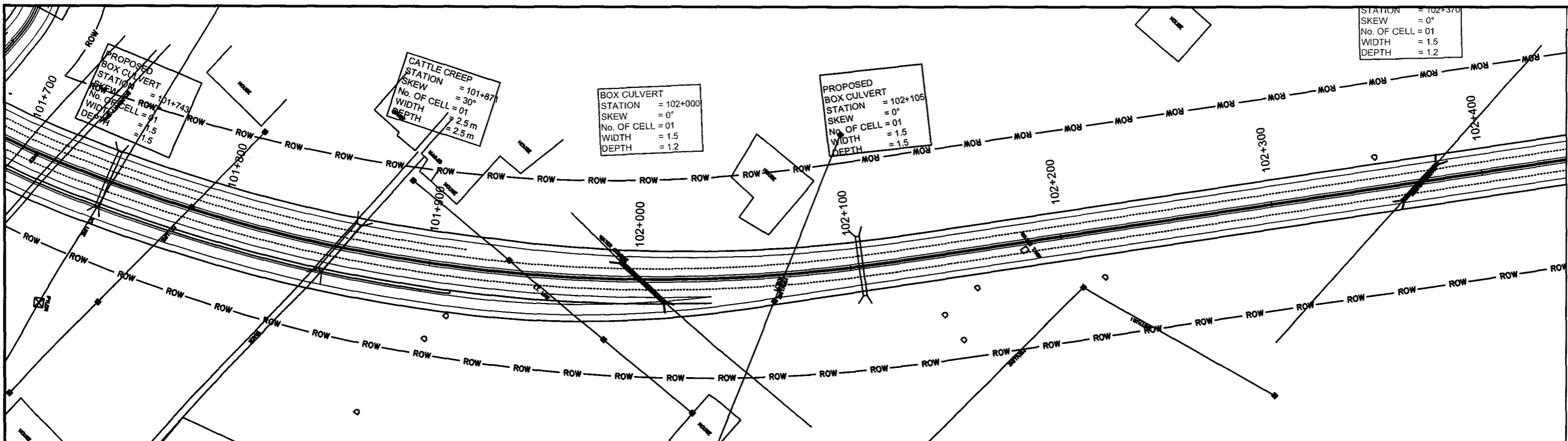


LOW PT ELEV: 379.19
 PVI STA: 101+219.37
 PM ELEV: 115.58
 K: 92.39
 LVC: 200.00

LOW PT ELEV: ???
 PVI STA: 101+601.51
 PM ELEV: 123.49
 K: 85.58
 LVC: 350.00



HCD	L=192.58m																			L=878.22m R=750.00m																		
VCD	Grade (-0.07%) Tangent Length (69.37) Chainage (101+119.37) Elevation (115.58)																			Grade (2.09%) Tangent Length (107.14) Chainage (101+426.51) Elevation (119.83)																		
P.G.L	115.631	115.612	115.594	115.577	115.607	115.705	115.870	116.104	116.405	116.773	117.209	117.712	118.234	118.757	119.279	119.801	120.292	120.709	121.053	121.325	121.523	121.648	121.700	121.679	121.585	121.418	121.178	120.867										
N.S.L	115.631	115.612	115.594	115.577	115.607	115.705	115.870	116.104	116.405	116.773	117.209	117.712	118.234	118.757	119.279	119.801	120.292	120.709	121.053	121.325	121.523	121.648	121.700	121.679	121.585	121.418	121.178	120.867										
CH	101+050	101+075	101+100	101+125	101+150	101+175	101+200	101+225	101+250	101+275	101+300	101+325	101+350	101+375	101+400	101+425	101+450	101+475	101+500	101+525	101+550	101+575	101+600	101+625	101+650	101+675	101+700	101+725										

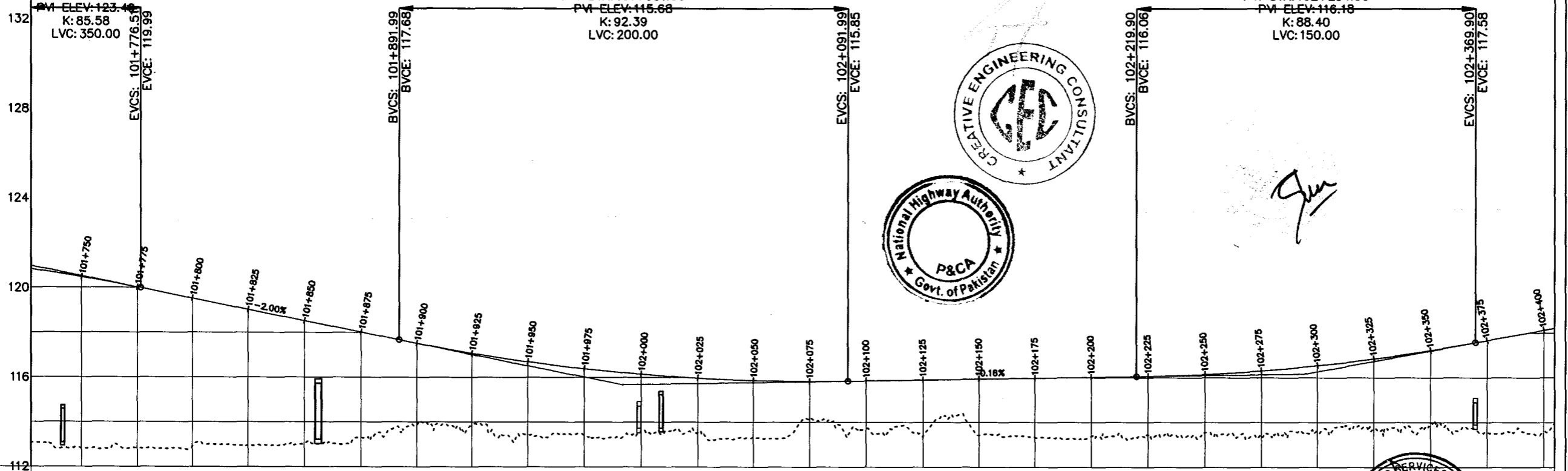


STATION = 102+370
 SKEW = 0°
 No. OF CELL = 01
 WIDTH = 1.5
 DEPTH = 1.2

HIGH PT ELEV: 121.70
 PVI STA: 101+601.51
 PVI ELEV: 123.40
 K: 85.58
 LVC: 350.00

LOW PT ELEV: 380.03
 PVI STA: 101+991.99
 PVI ELEV: 115.68
 K: 92.39
 LVC: 200.00

LOW PT ELEV: 380.76
 PVI STA: 102+294.90
 PVI ELEV: 116.18
 K: 88.40
 LVC: 150.00



Station	HCD	VCD	P.G.L	N.S.L	CH
101+727			120.831	113.693	101+727
101+750			120.479	112.818	101+750
101+775			120.020	112.850	101+775
101+800			119.520	112.862	101+800
101+825			119.020	112.959	101+825
101+850			118.520	113.061	101+850
101+875			118.020	113.288	101+875
101+900			117.524	113.873	101+900
101+925			117.079	113.866	101+925
101+950			116.703	113.403	101+950
101+975			116.393	113.395	101+975
102+000			116.152	113.619	102+000
102+025			115.978	113.521	102+025
102+050			115.872	113.279	102+050
102+075			115.833	114.213	102+075
102+100			115.859	113.713	102+100
102+125			115.900	113.348	102+125
102+150			115.941	113.427	102+150
102+175			115.982	113.331	102+175
102+200			116.023	113.372	102+200
102+225			116.066	113.445	102+225
102+250			116.157	113.554	102+250
102+275			116.319	113.391	102+275
102+300			116.551	113.591	102+300
102+325			116.854	113.737	102+325
102+350			117.228	113.962	102+350
102+375			117.671	113.594	102+375
102+400			118.136	113.585	102+400

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-2 (Km 57+500 TO Km 121+500)

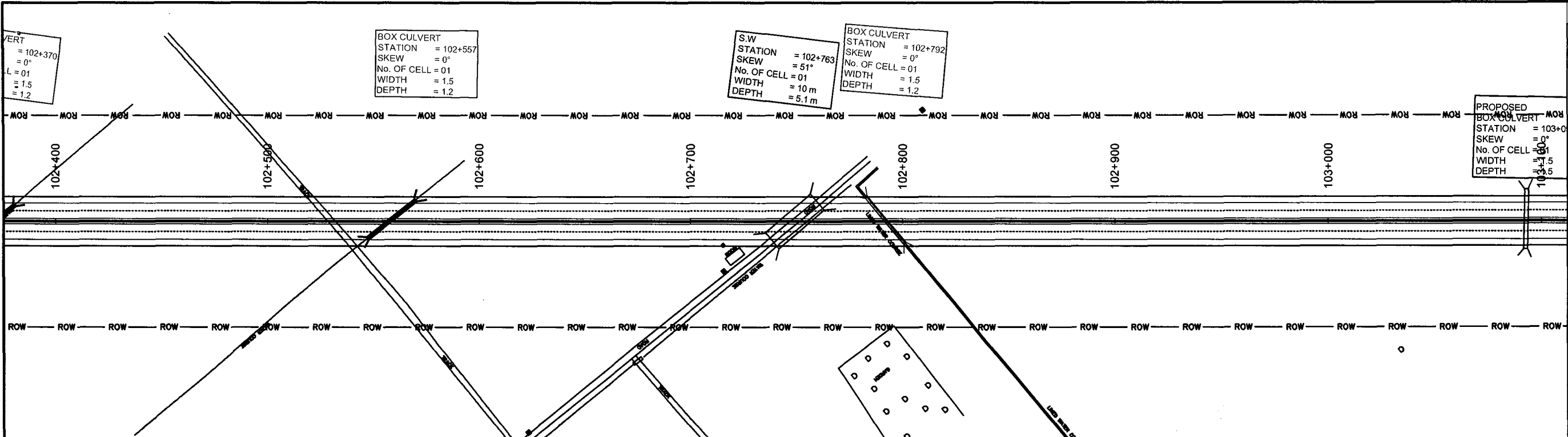
CLIENT:
 NATIONAL HIGHWAYS AUTHORITY (NHA)

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

DRAWING TITLE:
 PLAN & PROFILE
 101+727.42 - 102+404.85

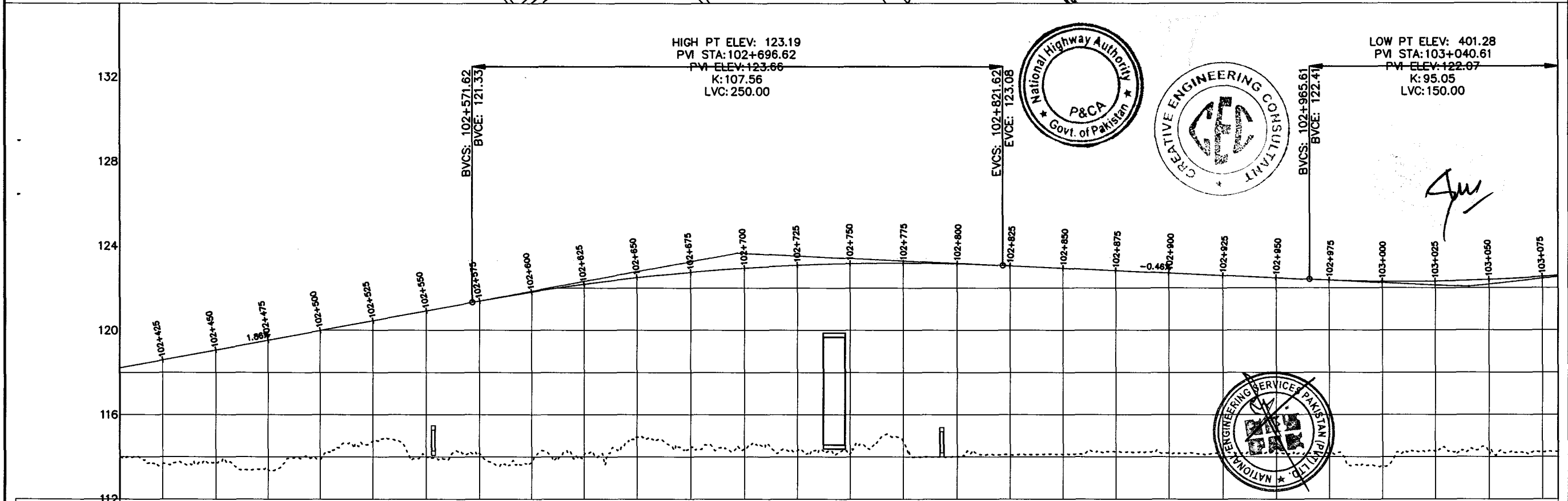
DESIGN BY: A.S	SHEET NO: 69 OF 90
DRAWN BY: S.A	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024
APPROVED BY:	REVISION:

CAD FILE NAME:
 CAREC/T-III/TD/013



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-2
 (Km 57+500 TO Km 121+500)

CLIENT:
 NATIONAL HIGHWAYS AUTHORITY (NHA)

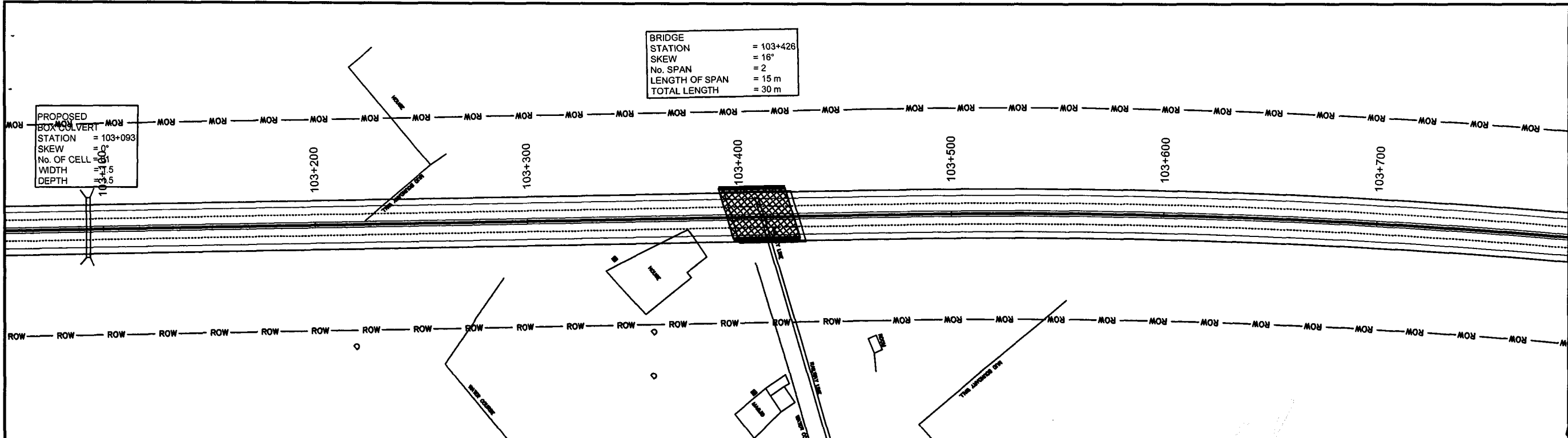
- CONSULTANTS:**
- MINCONSULT SDN BHD
In Joint Venture With
 - SAMAN CORPORATION
 - SHELADIA ASSOCIATES
 - CEC
 - AAA
 - ACE
 - AA
 - ACC

HCD	L=1341.77m																											
VCD	Grade (1.86%) Tangent Length (201.72) Chainage (102+571.62) Elevation (121.33)										Grade (-0.46%) Tangent Length (144.00) Chainage (102+965.61) Elevation (122.41)																	
P.G.L	102+405	102+425	102+450	102+475	102+500	102+525	102+550	102+575	102+600	102+625	102+650	102+675	102+700	102+725	102+750	102+775	102+800	102+825	102+850	102+875	102+900	102+925	102+950	102+975	103+000	103+025	103+050	103+075
N.S.L	113.975	113.668	113.725	113.381	113.888	114.737	114.005	114.146	113.736	114.113	114.929	114.470	114.354	114.312	114.153	114.729	114.006	114.087	114.114	114.234	114.175	114.182	114.173	114.161	113.555	114.256	114.153	114.236
CH	118.296	118.602	119.067	119.532	119.998	120.463	120.928	121.393	121.822	122.192	122.504	122.759	122.955	123.093	123.172	123.194	123.158	123.064	122.948	122.832	122.717	122.601	122.485	122.374	122.316	122.324	122.397	122.536

DRAWING TITLE:
 PLAN & PROFILE
 102+404.85 - 103+082.27

DESIGN BY: A.S	SHEET NO: 70 OF 98
DRAWN BY: S.A	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024
APPROVED BY:	REVISION:

CAD FILE NAME:
 CAREC/T-III/TD/013

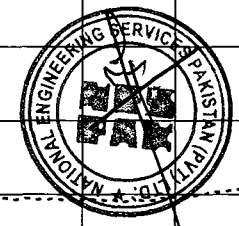
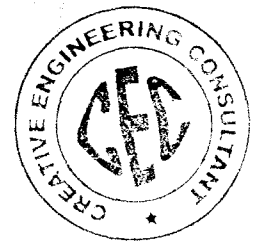
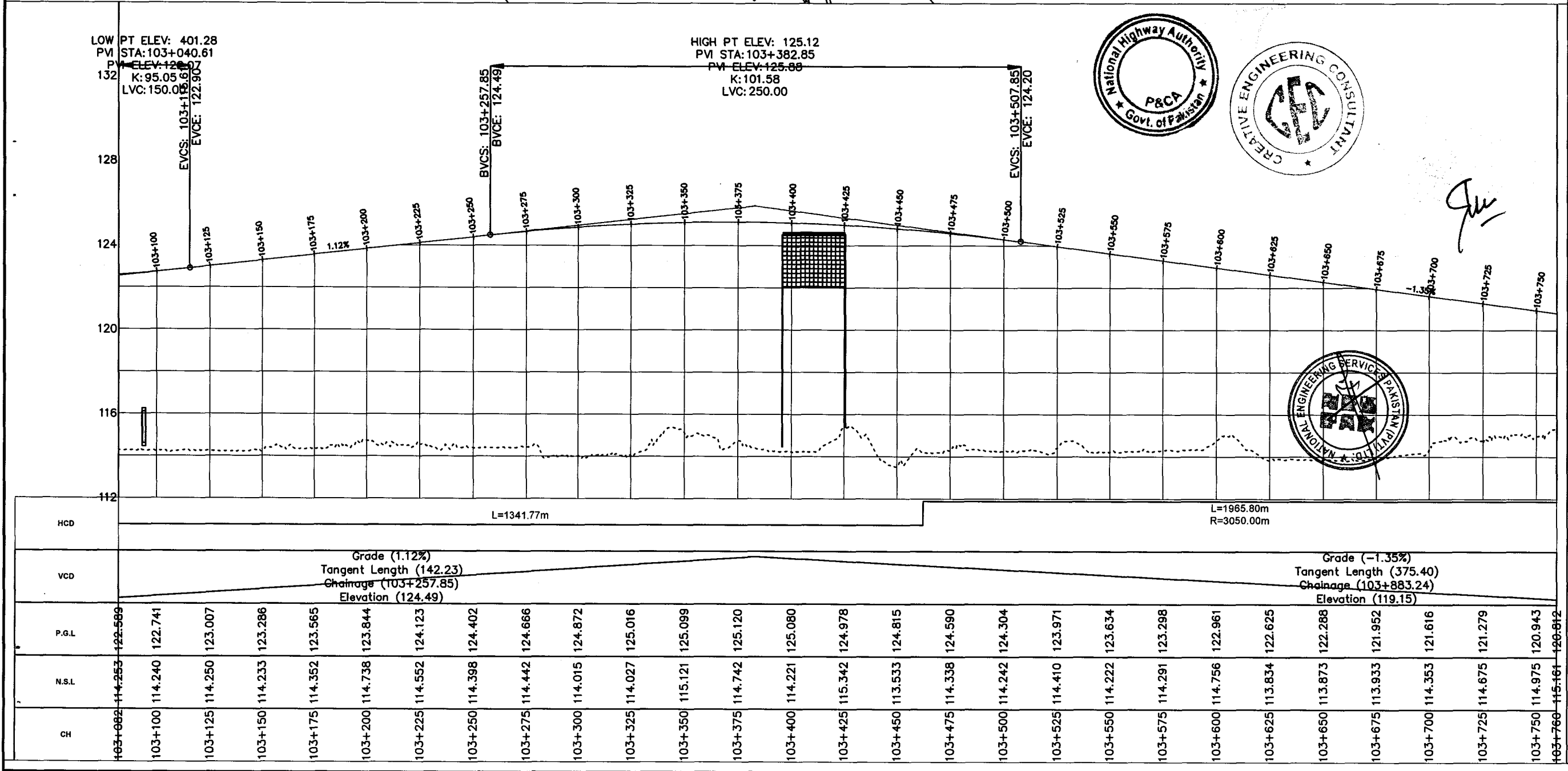


BRIDGE
STATION = 103+426
SKEW = 16°
No. SPAN = 2
LENGTH OF SPAN = 15 m
TOTAL LENGTH = 30 m

PROPOSED
BOX CULVERT
STATION = 103+093
SKEW = 16°
No. OF CELL = 2
WIDTH = 1.5 m
DEPTH = 1.5 m

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-2
(Km 57+500 TO Km 121+500)

CLIENT:
NATIONAL HIGHWAYS
AUTHORITY (NHA)

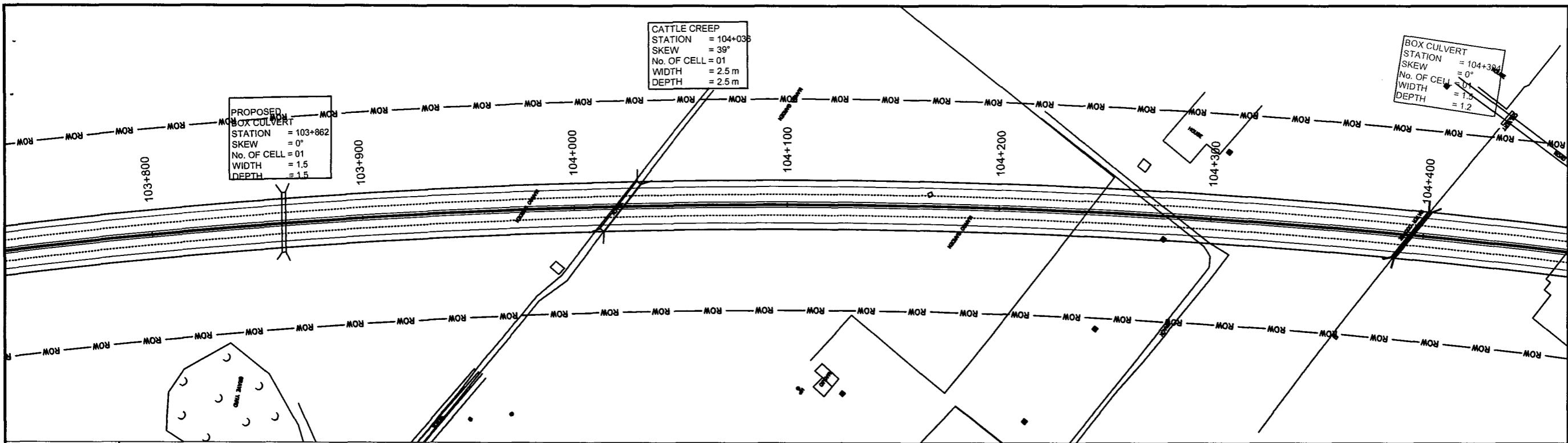
- CONSULTANTS:
- MINCONSULT SDN BHD
In Joint Venture With
 - SAMAN CORPORATION
 - SHELADIA ASSOCIATES
 - CEC
 - AAA
 - ACE
 - AA
 - ACC

DRAWING TITLE:
PLAN & PROFILE
103+082.27 - 103+759.69

DESIGN BY: A.S	SHEET NO: 71 OF 98
DRAWN BY: S.A	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024
APPROVED BY:	REVISION:

CAD FILE NAME:
CAREC/T-III/TD/013

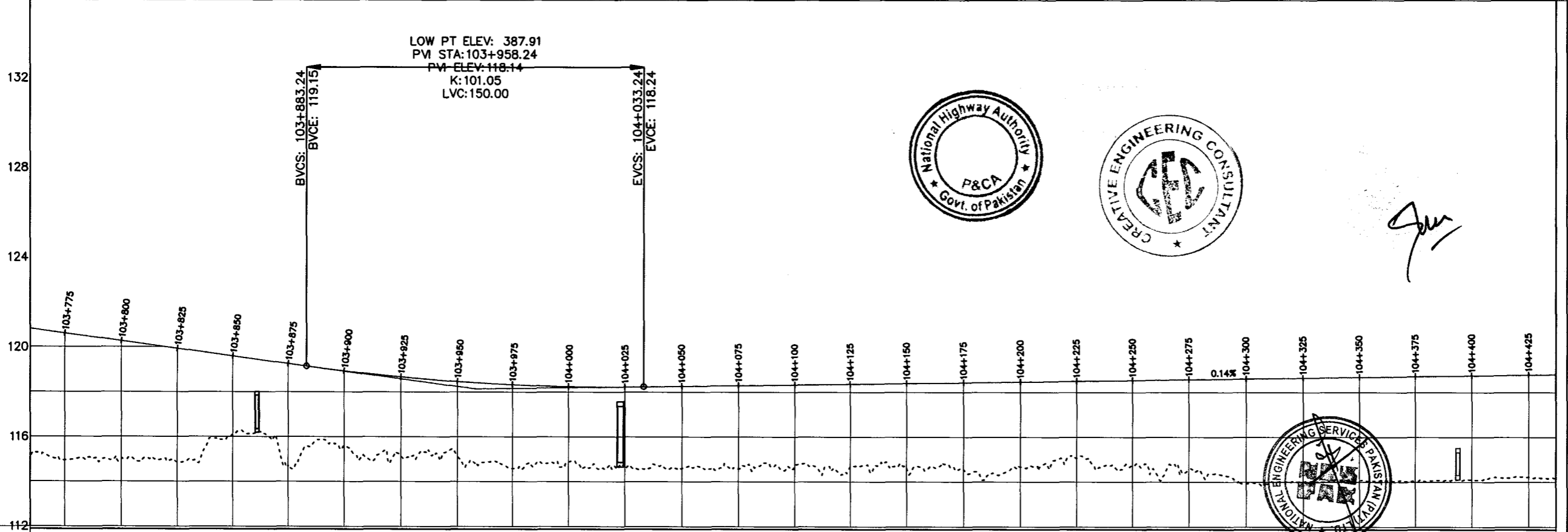
HCD	L=1341.77m															L=1965.80m R=3050.00m														
VCD	Grade (1.12%) Tangent Length (142.23) Chainage (103+257.85) Elevation (124.49)															Grade (-1.35%) Tangent Length (375.40) Chainage (103+883.24) Elevation (119.15)														
P.G.L	122.589	122.741	123.007	123.286	123.565	123.844	124.123	124.402	124.666	124.872	125.016	125.099	125.120	125.080	124.978	124.815	124.590	124.304	123.971	123.634	123.298	122.961	122.625	122.288	121.952	121.616	121.279	120.943	120.607	
N.S.L	114.253	114.240	114.250	114.233	114.352	114.738	114.552	114.398	114.442	114.015	114.027	115.121	114.742	114.221	115.342	113.533	114.338	114.242	114.410	114.222	114.291	114.756	113.834	113.873	113.933	114.353	114.675	114.975	115.161	
CH	103+082	103+100	103+125	103+150	103+175	103+200	103+225	103+250	103+275	103+300	103+325	103+350	103+375	103+400	103+425	103+450	103+475	103+500	103+525	103+550	103+575	103+600	103+625	103+650	103+675	103+700	103+725	103+750	103+769	



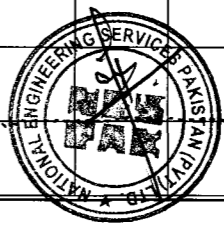
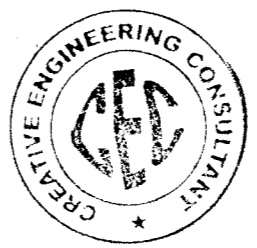
PROPOSED
BOX CULVERT
STATION = 103+862
SKEW = 0°
No. OF CELL = 01
WIDTH = 1.5
DEPTH = 1.5

CATTLE CREEP
STATION = 104+038
SKEW = 39°
No. OF CELL = 01
WIDTH = 2.5 m
DEPTH = 2.5 m

BOX CULVERT
STATION = 104+384
SKEW = 0°
No. OF CELL = 01
WIDTH = 1.5
DEPTH = 1.2



LOW PT ELEV: 387.91
PVI STA: 103+958.24
PM ELEV: 118.14
K: 101.05
LVC: 150.00



HCD	L=1965.80m																												
VCD	Grade (0.14%) Tangent Length (313.79) Chainage (104+547.04) Elevation (118.96)																												
P.G.L	120.812	120.606	120.270	119.934	119.597	119.261	118.938	118.674	118.472	118.332	118.253	118.237	118.268	118.303	118.337	118.372	118.407	118.441	118.476	118.511	118.545	118.580	118.615	118.649	118.684	118.719	118.753	118.788	118.805
N.S.L	115.161	114.945	114.993	114.852	116.075	114.712	115.577	115.141	115.138	114.588	114.881	114.577	114.590	114.581	114.770	114.646	114.623	114.554	114.677	115.060	114.756	114.540	113.932	114.012	114.076	114.050	114.120	114.217	114.177
CH	103+766	103+775	103+800	103+825	103+850	103+875	103+900	103+925	103+950	103+975	104+000	104+025	104+050	104+075	104+100	104+125	104+150	104+175	104+200	104+225	104+250	104+275	104+300	104+325	104+350	104+375	104+400	104+425	104+437

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-2 (Km 57+500 TO Km 121+500)

CLIENT:
NATIONAL HIGHWAYS AUTHORITY (NHA)

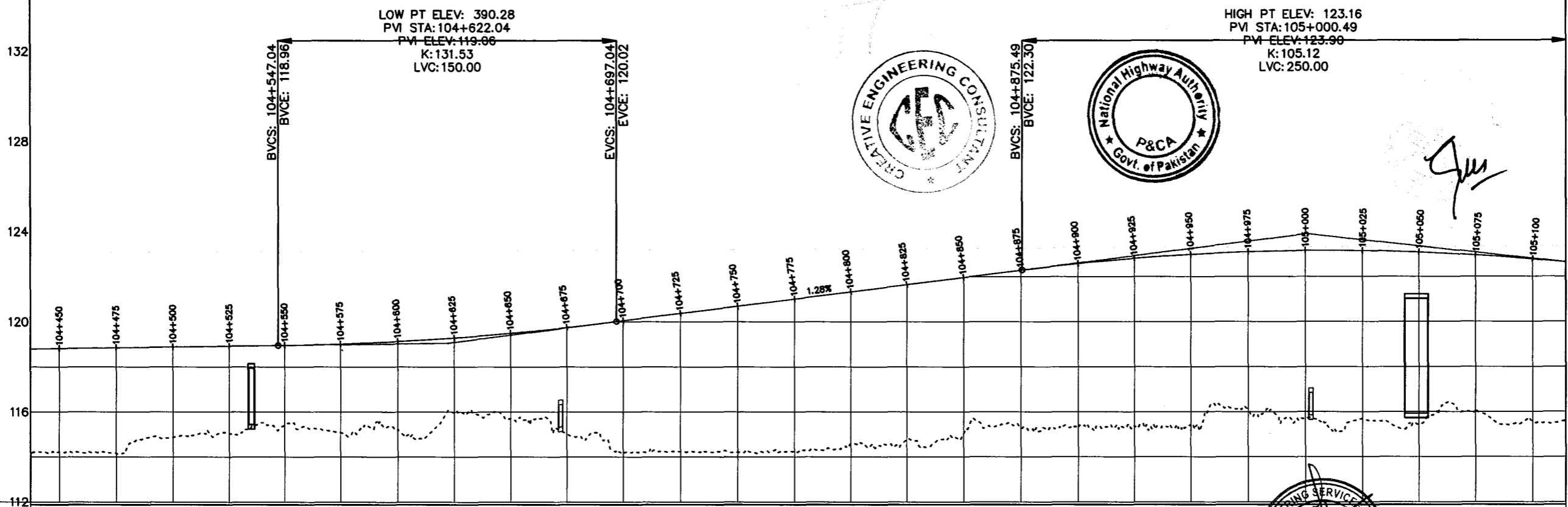
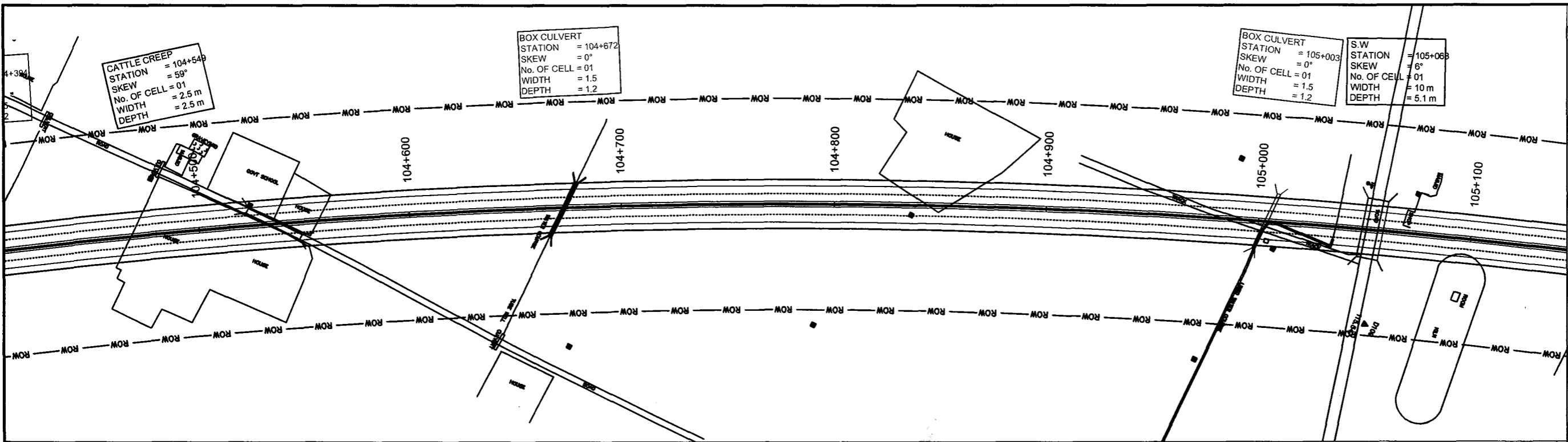
CONSULTANTS:

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

DRAWING TITLE:
PLAN & PROFILE
103+759.69 - 104+437.12

DESIGN BY: A S	SHEET NO: 72 OF 98
DRAWN BY: S A	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A S	DATE: APRIL, 2024
APPROVED BY:	REVISION:

CAD FILE NAME:
CAREC/T-III/TD/013



HCD	L=1965.80m																											
VCD	Grade (1.28%) Tangent Length (178.46) Chainage (104+875.49) Elevation (122.30)																											
P.G.L	118.865	118.823	118.858	118.892	118.927	118.962	119.026	119.138	119.297	119.503	119.758	120.059	120.379	120.698	121.018	121.338	121.658	121.978	122.297	122.589	122.820	122.993	123.106	123.159	123.153	123.087	122.962	122.778
N.S.L	114.477	114.221	114.148	114.876	115.060	115.402	115.075	115.189	115.954	115.680	115.015	114.200	114.239	114.198	114.238	114.566	114.792	115.022	115.289	115.300	115.362	115.365	116.065	115.727	115.701	115.411	116.058	115.559
CH	104+437	104+450	104+475	104+500	104+525	104+550	104+575	104+600	104+625	104+650	104+675	104+700	104+725	104+750	104+775	104+800	104+825	104+850	104+875	104+900	104+925	104+950	104+975	105+000	105+025	105+050	105+075	105+100

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-2
(Km 57+500 TO Km 121+500)

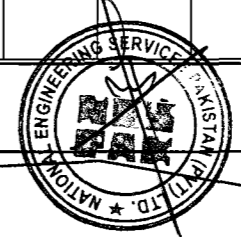
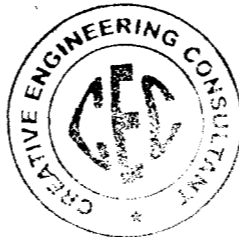
CLIENT:
NATIONAL HIGHWAYS AUTHORITY (NHA)

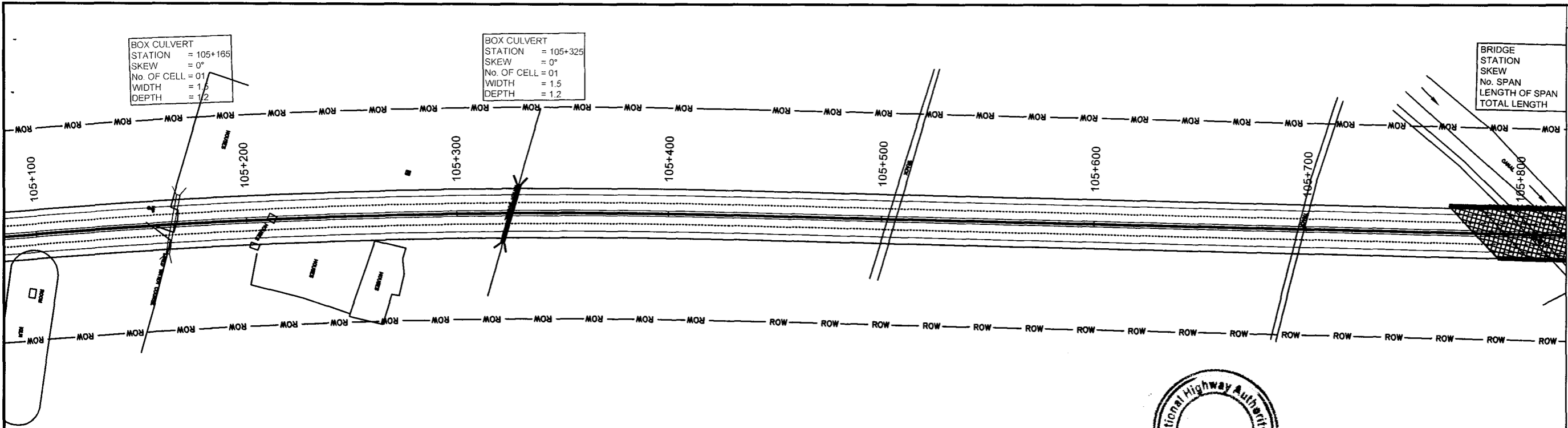
CONSULTANTS:
 MINCONSULT SDN BHD
 SAMAN CORPORATION
 SHELADIA ASSOCIATES
 CEC
 AAA
 ACE
 AA
 ACC

DRAWING TITLE:
PLAN & PROFILE
104+437.12 - 105+114.54

DESIGN BY: A.S	SHEET NO: 73 OF 98
DRAWN BY: S.A	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024
APPROVED BY:	REVISION:

CAD FILE NAME:
CAREC/T-III/TD/013





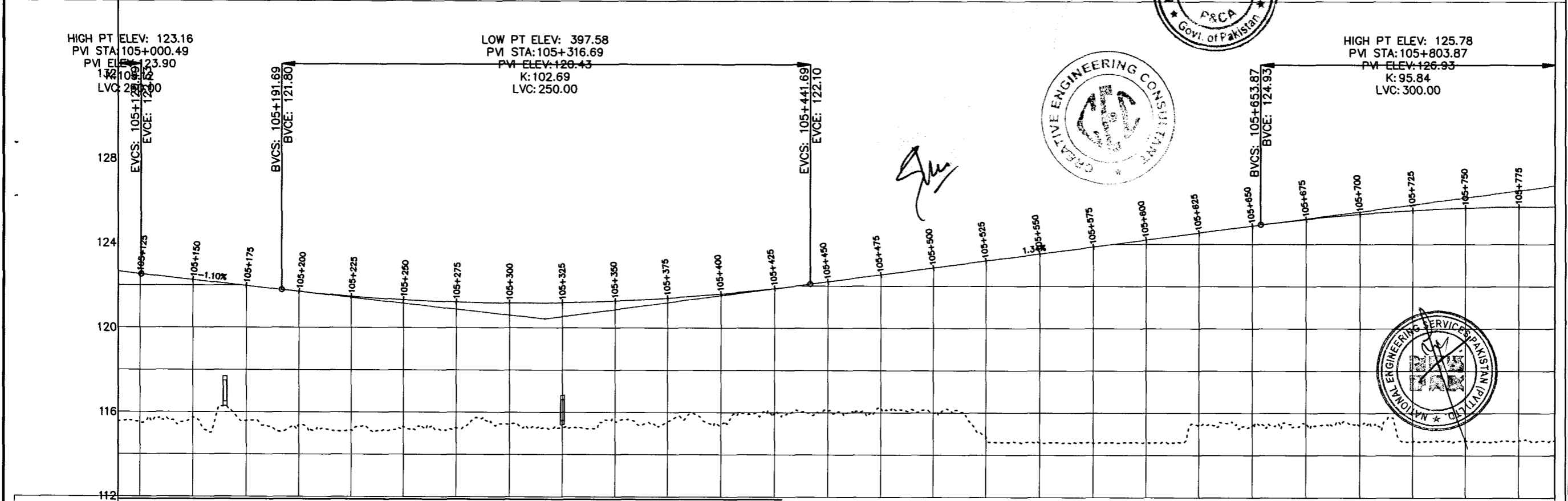
BOX CULVERT
 STATION = 105+165
 SKEW = 0°
 No. OF CELL = 01
 WIDTH = 1.5
 DEPTH = 1.2

BOX CULVERT
 STATION = 105+325
 SKEW = 0°
 No. OF CELL = 01
 WIDTH = 1.5
 DEPTH = 1.2

BRIDGE
 STATION
 SKEW
 No. SPAN
 LENGTH OF SPAN
 TOTAL LENGTH

NOTES
 1- ALL DIMENSIONS AND ARE IN METERS.

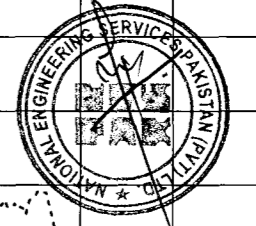
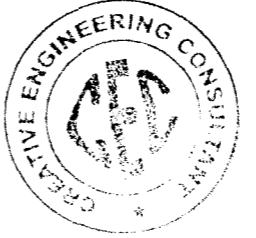
LEGEND



HIGH PT ELEV: 123.16
 PVI STA: 105+000.49
 PVI ELEV: 123.90
 LVC: 225.00
 EVCS: 105+125.87
 BVCS: 105+191.69
 EVCE: 121.80

LOW PT ELEV: 397.58
 PVI STA: 105+316.69
 PVI ELEV: 120.43
 K: 102.69
 LVC: 250.00
 EVCS: 105+441.69
 EVCE: 122.10

HIGH PT ELEV: 125.78
 PVI STA: 105+803.87
 PVI ELEV: 126.93
 K: 95.84
 LVC: 300.00
 BVCS: 105+653.87
 EVCE: 124.93



Station	CH	N.S.L	P.G.L	VCD	HCD
105+115	115.564	115.564	122.643		
105+125	115.496	115.496	122.534		
105+150	115.752	115.752	122.259		
105+175	115.582	115.582	121.985		
105+200	115.362	115.362	121.713		
105+225	115.144	115.144	121.489		
105+250	115.309	115.309	121.326		
105+275	115.253	115.253	121.224		
105+300	115.446	115.446	121.182		
105+325	115.243	115.243	121.201		
105+350	115.573	115.573	121.282		
105+375	115.553	115.553	121.423		
105+400	115.385	115.385	121.625		
105+425	115.973	115.973	121.887		
105+450	116.078	116.078	122.208		
105+475	116.218	116.218	122.542		
105+500	115.999	115.999	122.875		
105+525	114.893	114.893	123.209		
105+550	114.583	114.583	123.543		
105+575	114.586	114.586	123.877		
105+600	114.595	114.595	124.211		
105+625	115.374	115.374	124.545		
105+650	115.376	115.376	124.878		
105+675	115.524	115.524	125.189		
105+700	115.423	115.423	125.435		
105+725	114.662	114.662	125.616		
105+750	114.712	114.712	125.732		
105+775	114.724	114.724	125.782		
105+792	114.713	114.713	125.779		

PROJECT:
 CONSTRUCTION OF RAJANPUR-DG KHAN
 SECTION OF N-55 AS 4-LANE HIGHWAY
 (121.50 Km)
 PACKAGE-2
 (Km 57+500 TO Km 121+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
 105+114.54 - 105+791.96

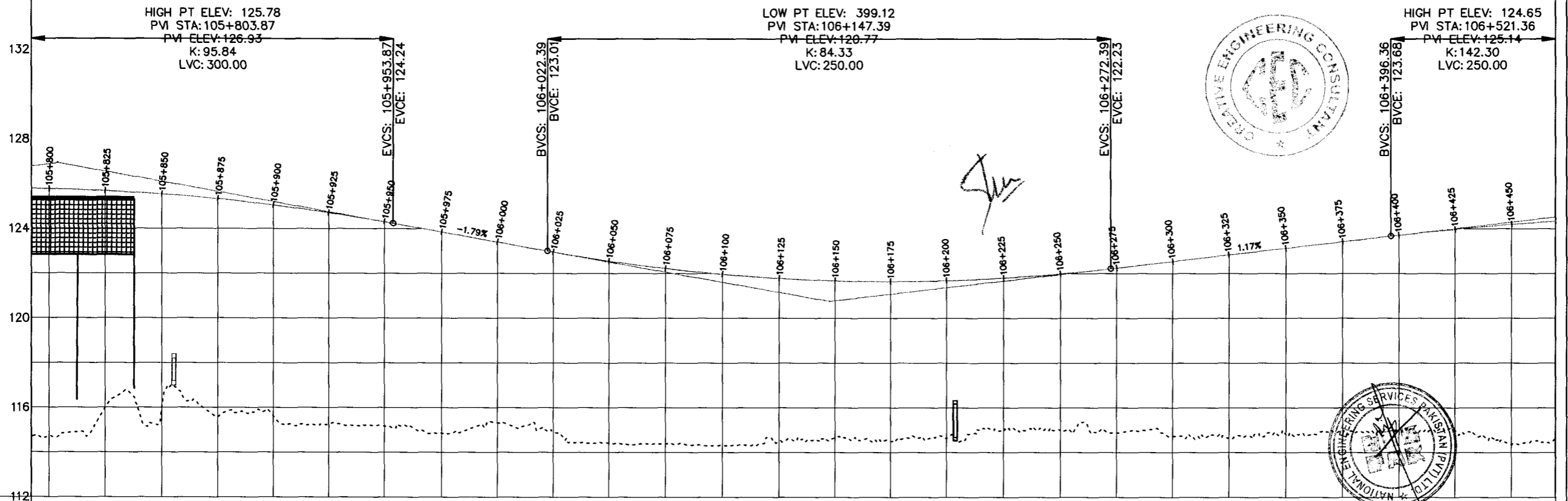
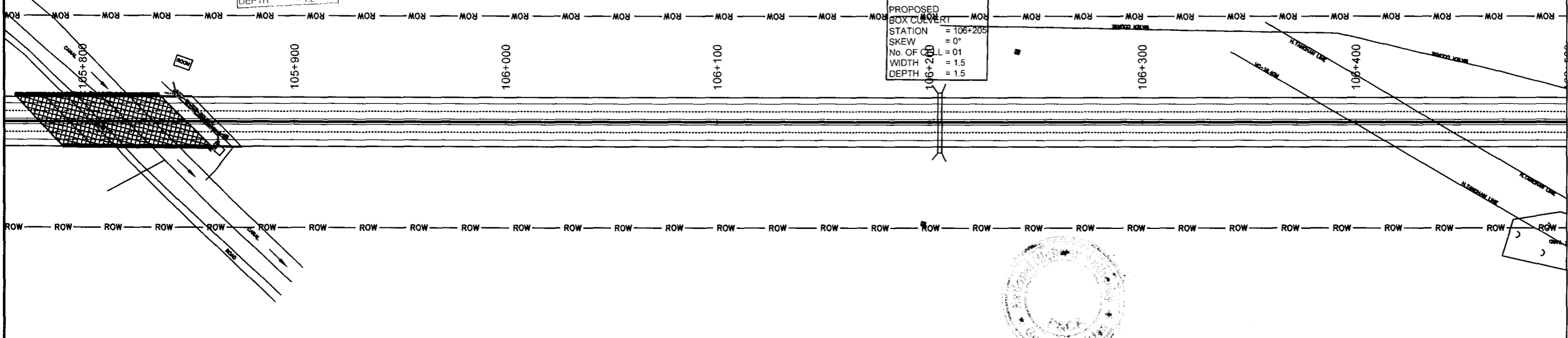
DESIGN BY: A.S. SHEET NO: 74 OF 98
DRAWN BY: S.A. SCALE: H = 1:2000, V = 1:100
CHECKED BY: A.S. DATE: APRIL, 2024
APPROVED BY: REVISION:

CAD FILE NAME:
 CAREC/T-III/TD/013

BRIDGE
STATION = 105+842
SKEW = 44°
No. SPAN = 2
LENGTH OF SPAN = 25 m
TOTAL LENGTH = 50 m

BOX CULVERT
STATION = 105+857
SKEW = 0°
No. OF CELL = 01
WIDTH = 1.5
DEPTH = 1.2

PROPOSED
BOX CULVERT
STATION = 106+208
SKEW = 0°
No. OF CELL = 01
WIDTH = 1.5
DEPTH = 1.5



Station	CH	N.S.L	P.G.L	VCD	HCD
105+792	105+792	114.743	125.779		
105+800	105+800	114.682	125.767		
105+825	105+825	115.971	125.687		
105+850	105+850	115.989	125.542		
105+875	105+875	115.557	125.332		
105+900	105+900	115.628	125.056		
105+925	105+925	115.267	124.715		
105+950	105+950	115.165	124.309		
105+975	105+975	114.853	123.861		
106+000	106+000	115.316	123.413		
106+025	106+025	114.899	122.964		
106+050	106+050	114.416	122.560		
106+075	106+075	114.390	122.231		
106+100	106+100	114.299	121.975		
106+125	106+125	114.516	121.793		
106+150	106+150	114.660	121.686		
106+175	106+175	114.496	121.652		
106+200	106+200	114.624	121.693		
106+225	106+225	114.943	121.808		
106+250	106+250	115.015	121.997		
106+275	106+275	114.883	122.260		
106+300	106+300	114.734	122.552		
106+325	106+325	114.635	122.844		
106+350	106+350	114.799	123.137		
106+375	106+375	114.917	123.429		
106+400	106+400	114.926	123.721		
106+425	106+425	115.009	123.985		
106+450	106+450	114.352	124.205		
106+469	106+469	114.633	124.345		

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-2 (Km 57+500 TO Km 121+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
105+791.96 - 106+469.38

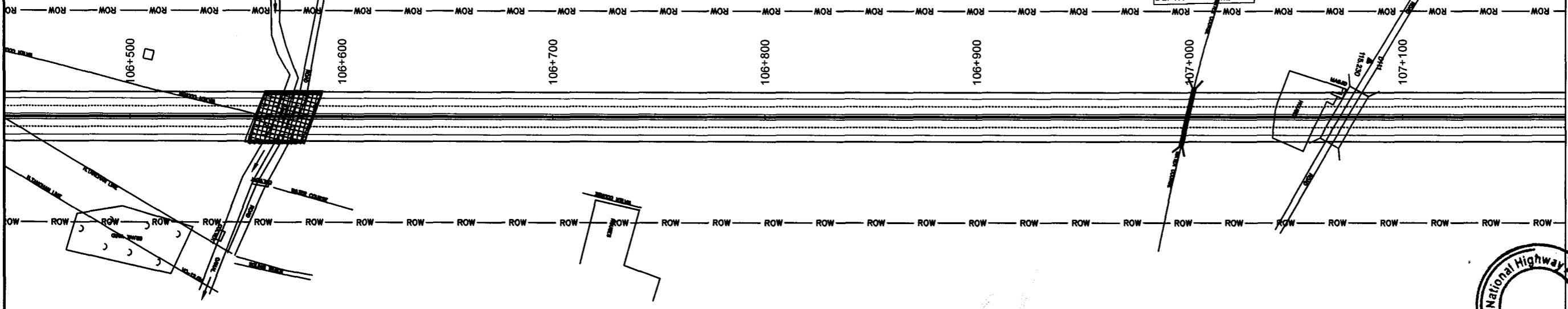
DESIGN BY:	SHEET NO:
A S	75 OF 98
DRAWN BY:	SCALE:
S A	H = 1:2000 V = 1:100
CHECKED BY:	DATE:
A S	APRIL, 2024
APPROVED BY:	REVISION:

CAD FILE NAME:
CAREC/III/TD/013

BRIDGE
 STATION = 106+586
 SKEW = 22°
 No. SPAN = 2
 LENGTH OF SPAN = 12.5 m
 TOTAL LENGTH = 25 m

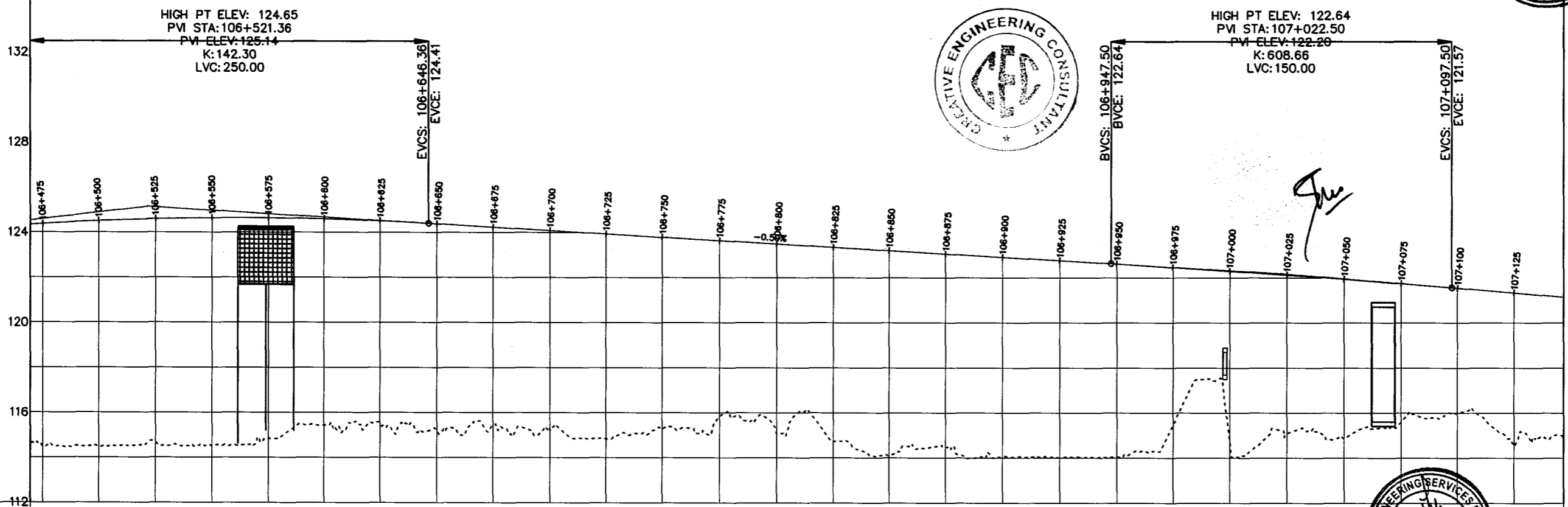
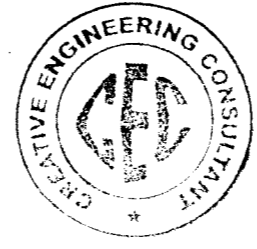
BOX CULVERT
 STATION = 107+000
 SKEW = 0°
 No. OF CELL = 01
 WIDTH = 5
 DEPTH = 1.2

S.W
 STATION = 107+085
 SKEW = 30°
 No. OF CELL = 01
 WIDTH = 10 m
 DEPTH = 5.1 m



NOTES
 1- ALL DIMENSIONS AND ARE IN METERS.

LEGEND



HCD	L=4366.88m																												
VCD	Grade (-0.59%) Tangent Length (301.14) Chainage (106+947.50) Elevation (122.64)																												
P.G.L	106+469	106+475	106+500	106+525	106+550	106+575	106+600	106+625	106+650	106+675	106+700	106+725	106+750	106+775	106+800	106+825	106+850	106+875	106+900	106+925	106+950	106+975	107+000	107+025	107+050	107+075	107+100	107+125	107+147
N.S.L	114.633	114.472	114.480	114.676	114.543	114.846	115.437	115.512	115.202	115.446	115.230	114.837	115.337	115.818	115.055	114.726	114.122	114.491	114.039	114.016	114.049	115.454	114.777	115.098	114.863	115.597	116.023	114.575	114.896
CH	124.345	124.381	124.513	124.602	124.646	124.647	124.603	124.516	124.385	124.238	124.091	123.944	123.797	123.651	123.504	123.357	123.210	123.063	122.916	122.769	122.623	122.469	122.306	122.133	121.949	121.755	121.550	121.342	121.160

REV.	REVISION/ISSUE	DATE

PROJECT:
 CONSTRUCTION OF RAJANPUR-DG KHAN
 SECTION OF N-55 AS 4-LANE HIGHWAY
 (121.50 Km)
 PACKAGE-2
 (Km 57+500 TO Km 121+500)

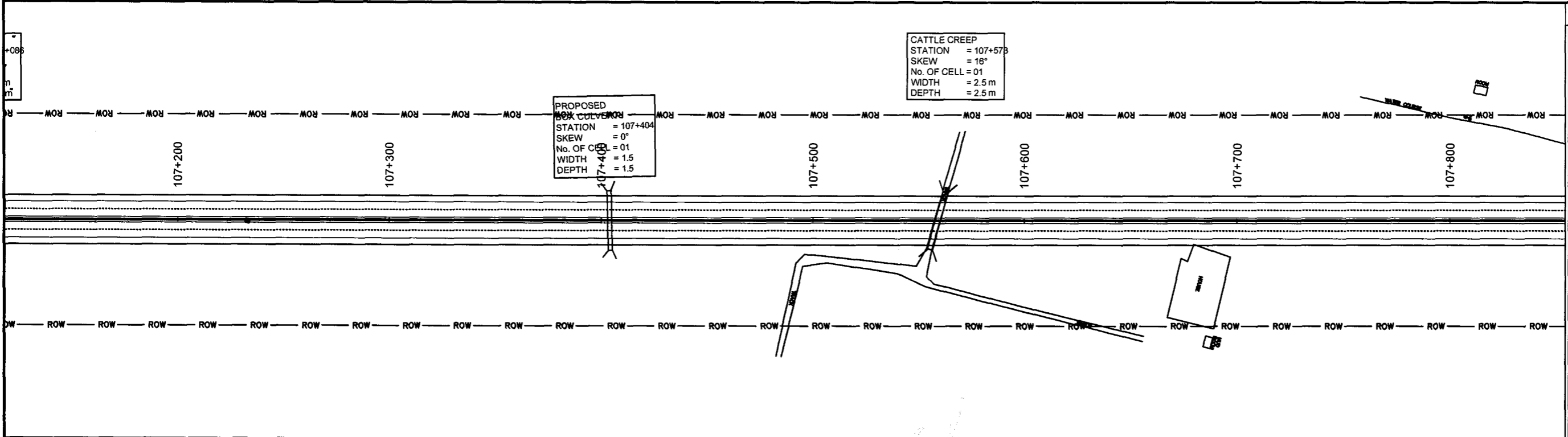
CLIENT:
 NATIONAL HIGHWAYS
 AUTHORITY (NHA)

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

DRAWING TITLE:
 PLAN & PROFILE
 106+469.38 - 107+146.81

DESIGN BY: A.S	SHEET NO: 76 OF 98
DRAWN BY: S.A	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024
APPROVED BY:	REVISION:

CAD FILE NAME:
 CAREC/T-III/TD/013

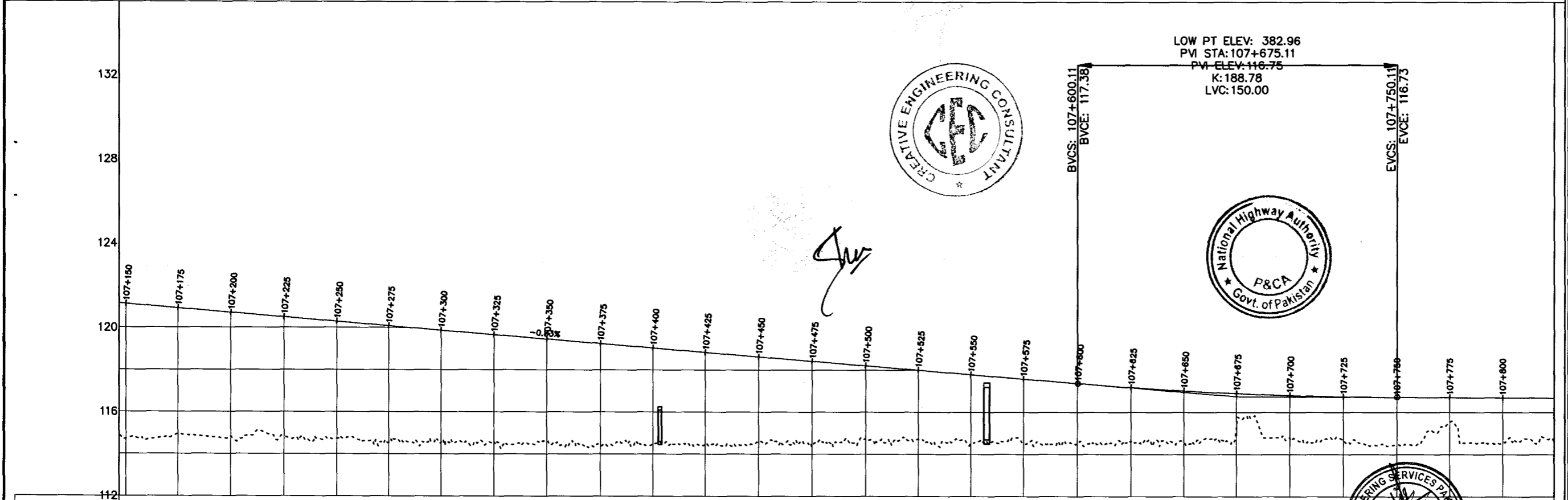


CATTLE CREEP
 STATION = 107+575
 SKEW = 16°
 No. OF CELL = 01
 WIDTH = 2.5 m
 DEPTH = 2.5 m

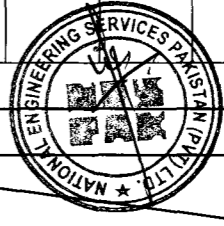
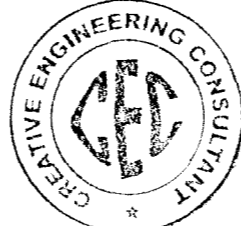
PROPOSED
 BOX CULVERT
 STATION = 107+400
 SKEW = 0°
 No. OF CELL = 01
 WIDTH = 1.5
 DEPTH = 1.5

NOTES
 1- ALL DIMENSIONS AND ARE IN METERS.

LEGEND



LOW PT ELEV: 382.96
 PVI STA: 107+675.11
 PVI ELEV: 116.75
 K: 188.78
 LVC: 150.00



REV.	REVISION/ISSUE	DATE

PROJECT:
 CONSTRUCTION OF RAJANPUR-DG KHAN
 SECTION OF N-55 AS 4-LANE HIGHWAY
 (121.50 Km)
 PACKAGE-2
 (Km 57+500 TO Km 121+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
 107+146.81 - 107+824.23

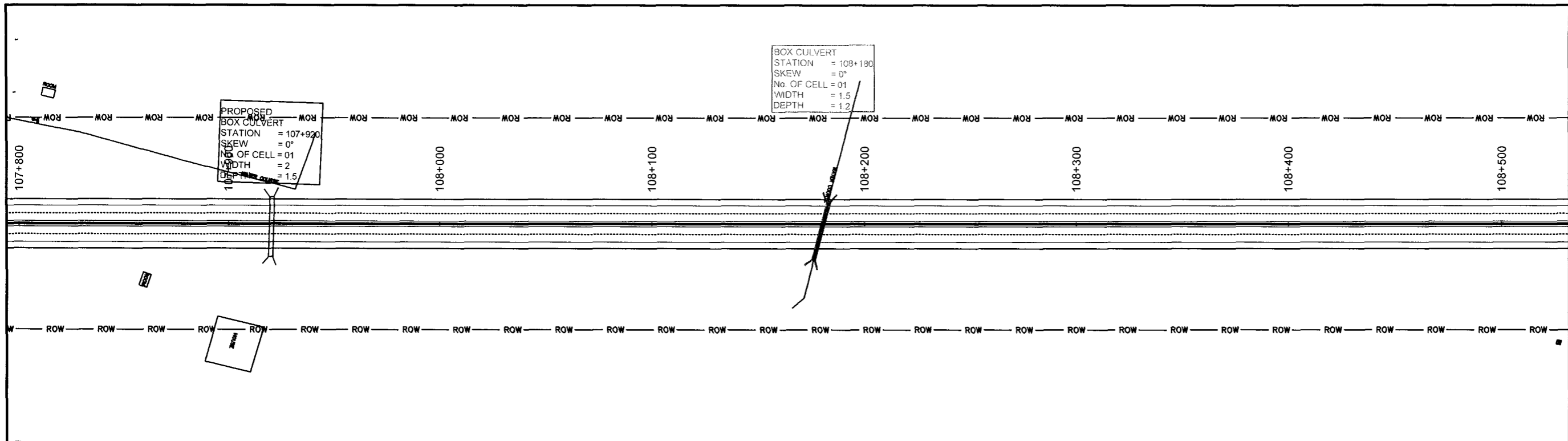
DESIGN BY: A.S	SHEET NO: 77 OF 98
DRAWN BY: S.A	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024
APPROVED BY:	REVISION:

CAD FILE NAME:
 CAREC/T-III/TD/013

Station	CH	N.S.L	P.G.L	VCD	HCD
107+150	114.156	114.999	121.199		
107+175	114.175	114.940	120.925		
107+200	114.200	114.818	120.716		
107+225	114.225	114.828	120.508		
107+250	114.250	114.724	120.300		
107+275	114.275	114.620	120.091		
107+300	114.300	114.556	119.883		
107+325	114.325	114.574	119.674		
107+350	114.350	114.597	119.466		
107+375	114.375	114.430	119.257		
107+400	114.400	114.494	119.049		
107+425	114.425	114.480	118.840		
107+450	114.450	114.621	118.632		
107+475	114.475	114.347	118.423		
107+500	114.500	114.698	118.215		
107+525	114.525	114.721	118.006		
107+550	114.550	114.461	117.798		
107+575	114.575	114.483	117.589		
107+600	114.600	114.542	117.381		
107+625	114.625	114.606	117.189		
107+650	114.650	114.568	117.030		
107+675	114.675	115.368	116.904		
107+700	114.700	114.768	116.811		
107+725	114.725	114.636	116.752		
107+750	114.750	114.467	116.725		
107+775	114.775	115.560	116.715		
107+800	114.800	114.564	116.705		
107+824.23	114.824	114.620	116.696		

Grade (-0.83%)
 Tangent Length (502.61)
 Chainage (107+600.11)
 Elevation (117.38)

L=4366.88m

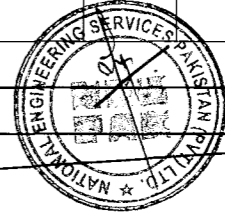
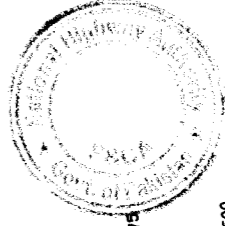
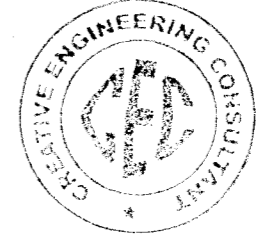
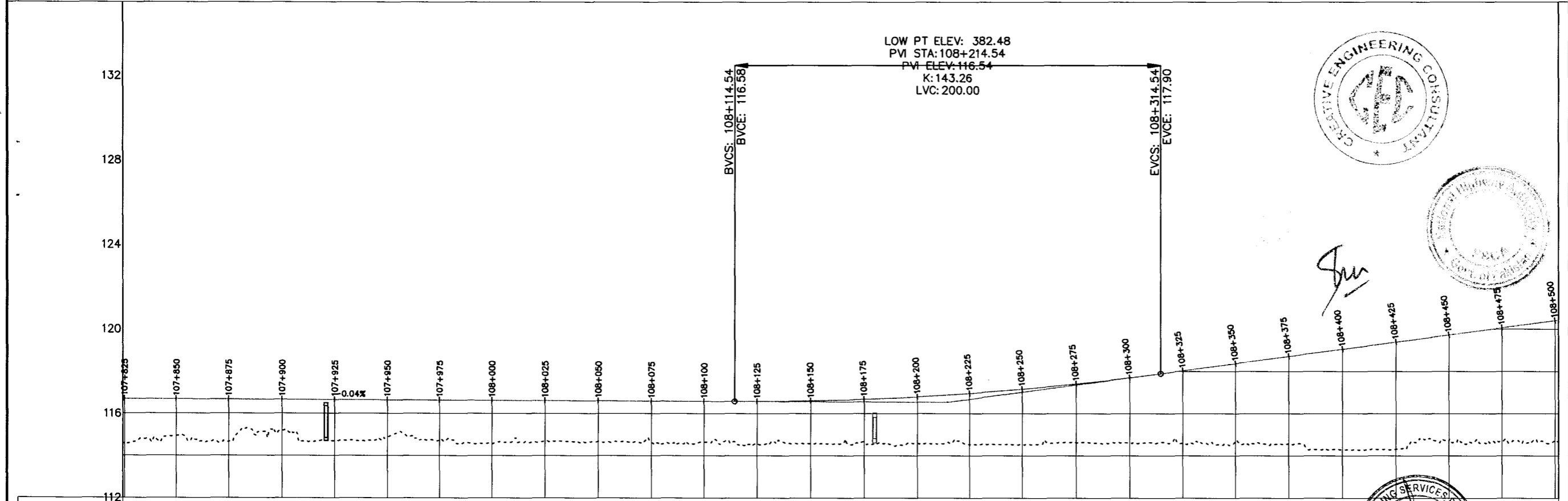


BOX CULVERT
 STATION = 108+190
 SKEW = 0°
 No. OF CELL = 01
 WIDTH = 1.5
 DEPTH = 1.2

PROPOSED BOX CULVERT
 STATION = 107+920
 SKEW = 0°
 No. OF CELL = 01
 WIDTH = 2
 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-2 (Km 57+500 TO Km 121+500)

CLIENT:
NHA NATIONAL HIGHWAYS AUTHORITY (NHA)

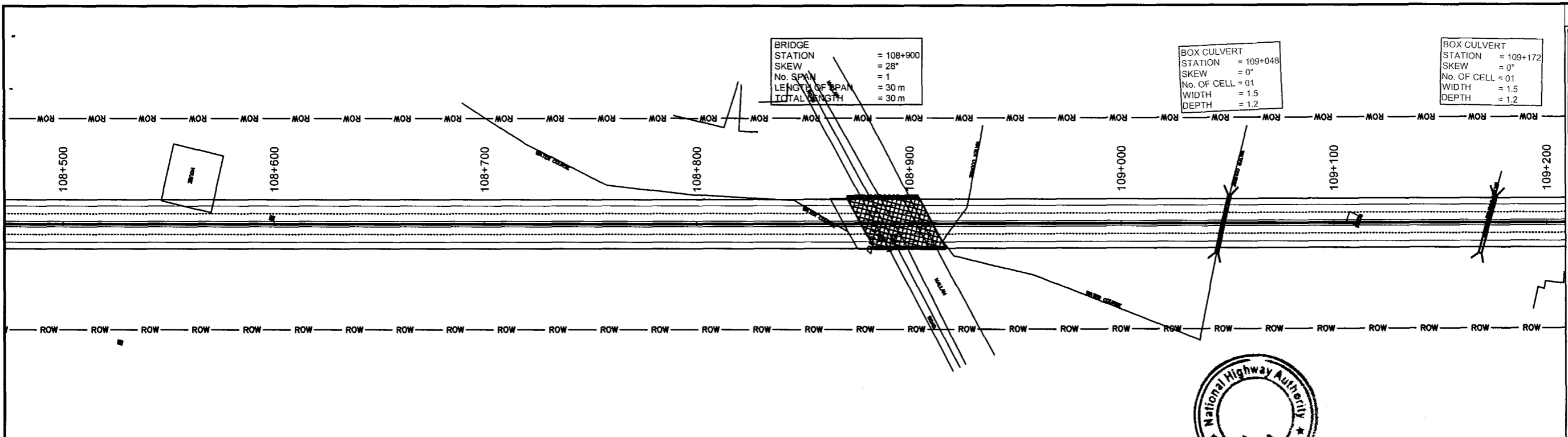
- CONSULTANTS:
- MINCONSULT SDN BHD In Joint Venture With
 - SAMAN CORPORATION
 - SHELADIA ASSOCIATES
 - CEC
 - AAA
 - ACE
 - AA
 - ACC

DRAWING TITLE:
 PLAN & PROFILE
 107+824.23 - 108+501.65

DESIGN BY: A.S	SHEET NO: 78 OF 98
DRAWN BY: S.A	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024
APPROVED BY:	REVISION:

CAD FILE NAME:
 CAREC/T-III/TD/013

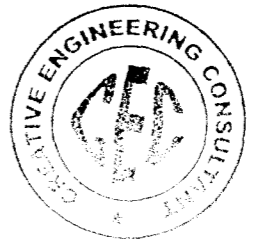
HCD	L=4366.88m																											
VCD	Grade (-0.04%) Tangent Length (364.43) Chainage (108+114.54) Elevation (116.58)																											
P.G.L	107+825	107+850	107+875	107+900	107+925	107+950	107+975	108+000	108+025	108+050	108+075	108+100	108+125	108+150	108+175	108+200	108+225	108+250	108+275	108+300	108+325	108+350	108+375	108+400	108+425	108+450	108+475	108+500
N.S.L	114.639	114.939	114.655	115.183	114.693	114.869	114.720	114.588	114.671	114.675	114.614	114.654	114.581	114.581	114.597	114.612	114.541	114.541	114.627	114.624	114.607	114.695	114.541	114.272	114.319	114.691	114.681	114.768
CH	107+825	107+850	107+875	107+900	107+925	107+950	107+975	108+000	108+025	108+050	108+075	108+100	108+125	108+150	108+175	108+200	108+225	108+250	108+275	108+300	108+325	108+350	108+375	108+400	108+425	108+450	108+475	108+500
	116.686	116.686	116.676	116.666	116.656	116.646	116.637	116.627	116.617	116.607	116.597	116.587	116.581	116.612	116.686	116.803	116.964	117.169	117.417	117.709	118.041	118.380	118.719	119.059	119.398	119.737	120.076	120.416



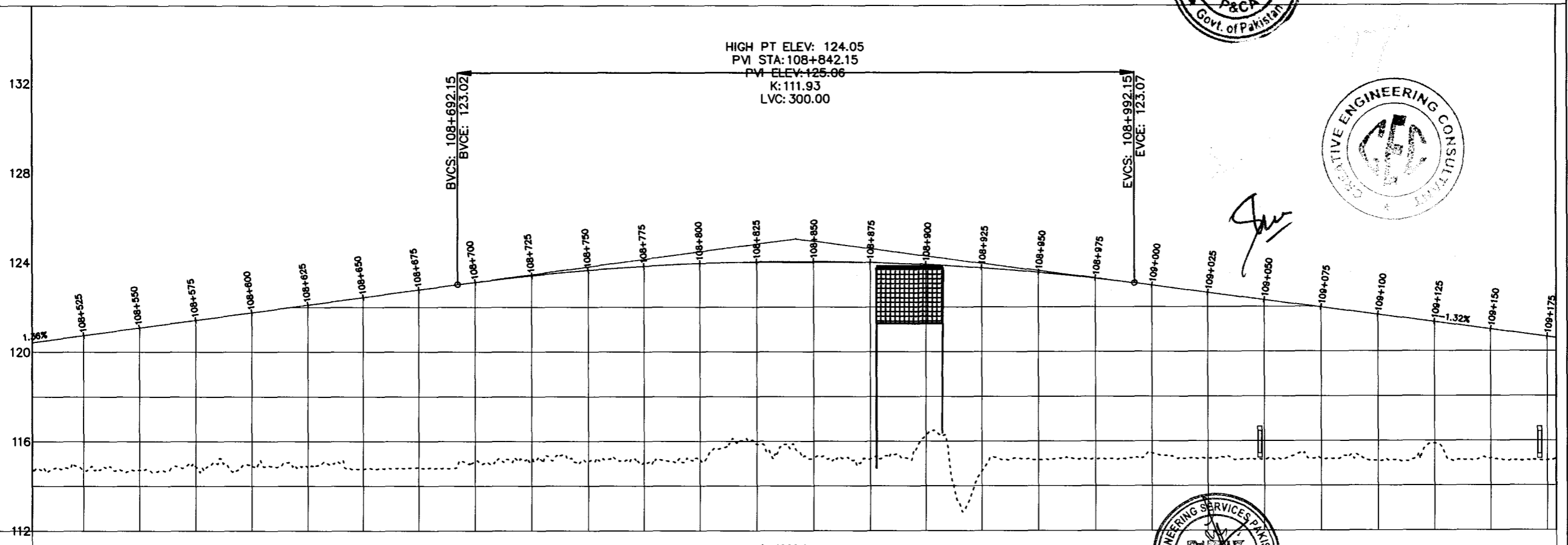
BRIDGE
 STATION = 108+900
 SKEW = 28°
 No. SPAN = 1
 LENGTH OF SPAN = 30 m
 TOTAL LENGTH = 30 m

BOX CULVERT
 STATION = 109+048
 SKEW = 0°
 No. OF CELL = 01
 WIDTH = 1.5
 DEPTH = 1.2

BOX CULVERT
 STATION = 109+172
 SKEW = 0°
 No. OF CELL = 01
 WIDTH = 1.5
 DEPTH = 1.2



HIGH PT ELEV: 124.05
 PVI STA: 108+842.15
 PVI ELEV: 125.06
 K: 111.93
 LVC: 300.00



Station	HCD	VCD	P.G.L	N.S.L	CH
108+502		Grade (1.36%) Tangent Length (377.61) Chainage (108+692.15) Elevation (123.02)	120.436	114.688	108+502
108+525			120.755	114.727	108+525
108+550			121.094	114.721	108+550
108+575			121.433	114.875	108+575
108+600			121.772	114.904	108+600
108+625			122.111	114.846	108+625
108+650			122.451	114.765	108+650
108+675			122.790	114.793	108+675
108+700			123.126	115.087	108+700
108+725			123.420	115.169	108+725
108+750			123.658	115.086	108+750
108+775			123.840	115.072	108+775
108+800			123.966	115.197	108+800
108+825			124.036	115.878	108+825
108+850			124.051	115.256	108+850
108+875			124.010	115.210	108+875
108+900			123.913	116.249	108+900
108+925			123.760	114.647	108+925
108+950			123.551	115.168	108+950
108+975			123.286	115.194	108+975
109+000			122.969	115.462	109+000
109+025			122.638	115.225	109+025
109+050			122.307	115.155	109+050
109+075			121.976	115.208	109+075
109+100			121.645	115.114	109+100
109+125			121.314	115.890	109+125
109+150			120.983	115.205	109+150
109+175			120.653	115.116	109+175

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-2 (Km 57+500 TO Km 121+500)

CLIENT:
 NATIONAL HIGHWAYS AUTHORITY (NHA)

CONSULTANTS:

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

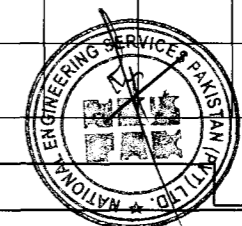
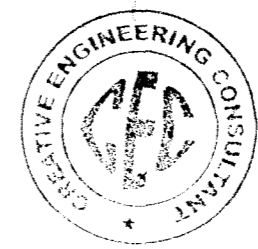
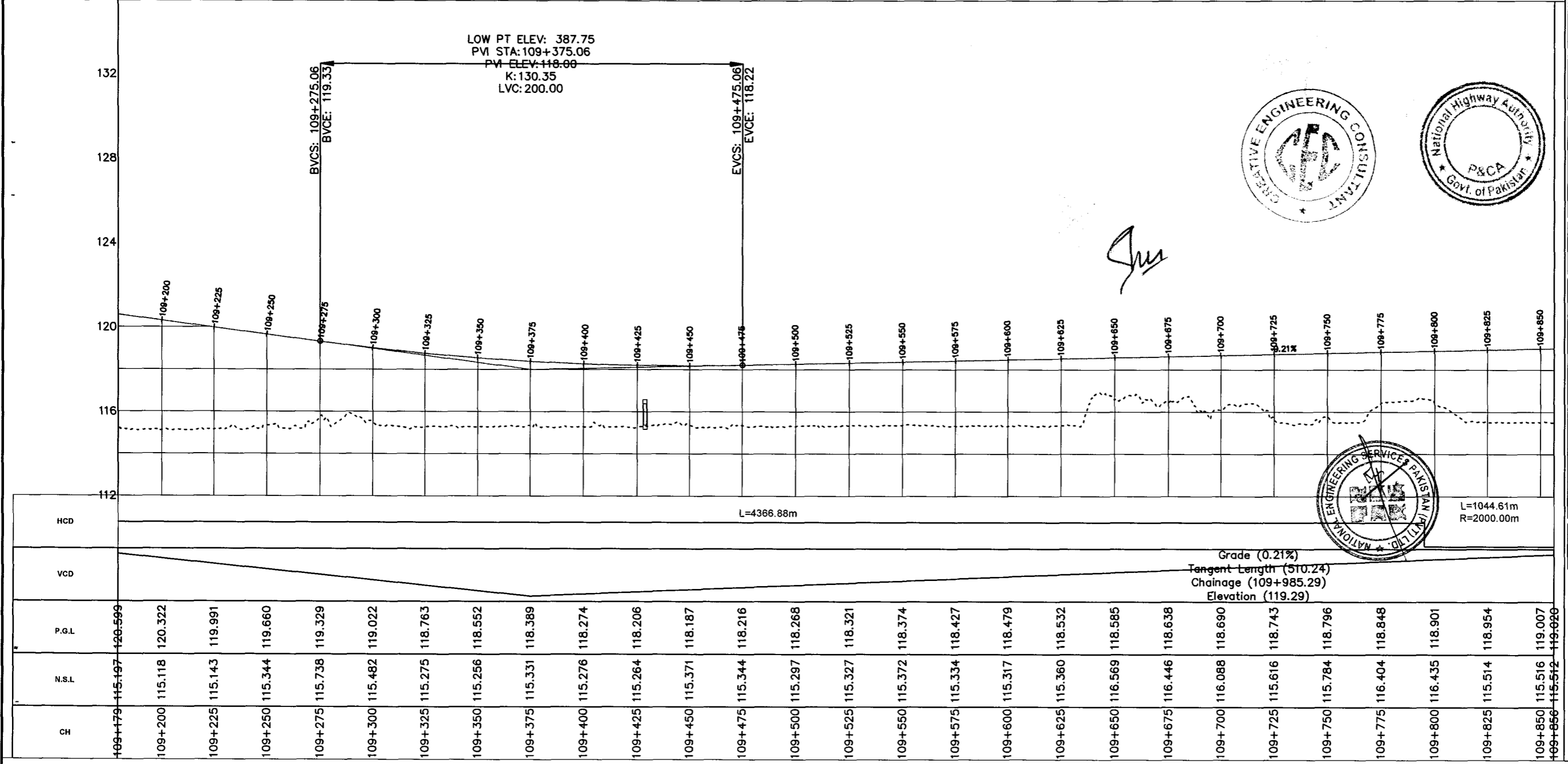
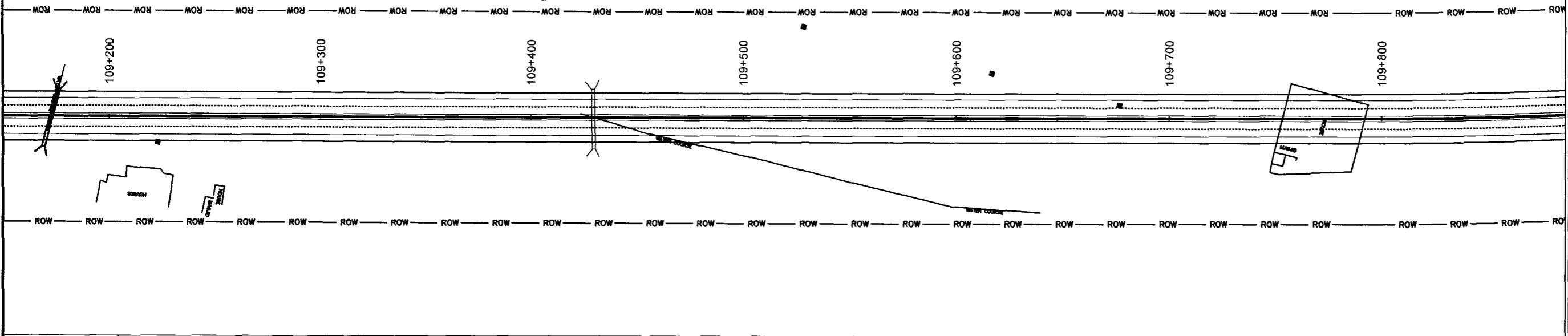
DRAWING TITLE:
 PLAN & PROFILE
 108+501.65 - 109+179.08

DESIGN BY: A.S	SHEET NO: 79 OF 98
DRAWN BY: S.A	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024
APPROVED BY:	REVISION:

CAD FILE NAME:
 CAREC/T-III/TD/013

BOX CULVERT
 STATION = 109+172
 SKEW = 0°
 No. OF CELL = 01
 WIDTH = 1.5
 DEPTH = 1.2

BOX CULVERT
 STATION = 109+430
 SKEW = 0°
 No. OF CELL = 01
 WIDTH = 1.5
 DEPTH = 1.2



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-2 (Km 57+500 TO Km 121+500)

CLIENT:
 NATIONAL HIGHWAYS AUTHORITY (NHA)

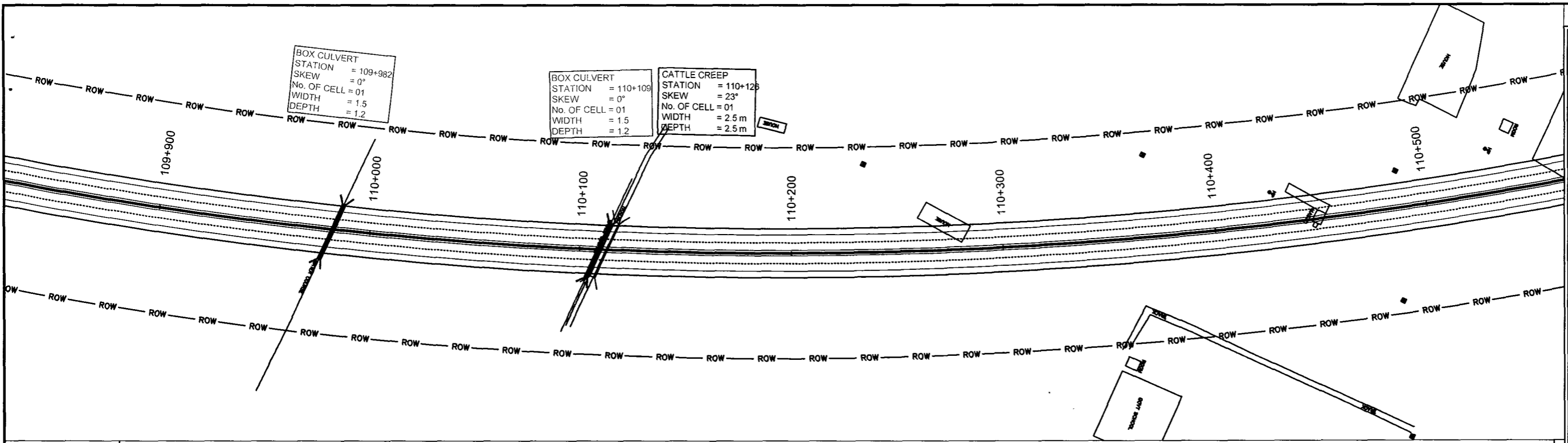
CONSULTANTS:

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

DRAWING TITLE:
 PLAN & PROFILE
 109+179.08 - 109+856.50

DESIGN BY:	SHEET NO:
A.S	80 OF 98
DRAWN BY:	SCALE:
S.A	H = 1:2000 V = 1:100
CHECKED BY:	DATE:
A.S	APRIL, 2024
APPROVED BY:	REVISION:

CAD FILE NAME:
 CAREC/T-III/TD/013



BOX CULVERT
 STATION = 109+982
 SKEW = 0°
 No. OF CELL = 01
 WIDTH = 1.5
 DEPTH = 1.2

BOX CULVERT
 STATION = 110+109
 SKEW = 0°
 No. OF CELL = 01
 WIDTH = 1.5
 DEPTH = 1.2

CATTLE CREEP
 STATION = 110+128
 SKEW = 23°
 No. OF CELL = 01
 WIDTH = 2.5 m
 DEPTH = 2.5 m

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-2
 (Km 57+500 TO Km 121+500)

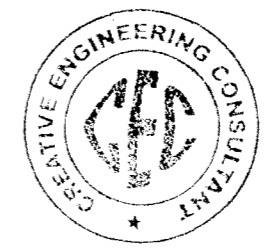
CLIENT:
 NATIONAL HIGHWAYS
 AUTHORITY (NHA)

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

DRAWING TITLE:
 PLAN & PROFILE
 109+856.50 - 110+533.92

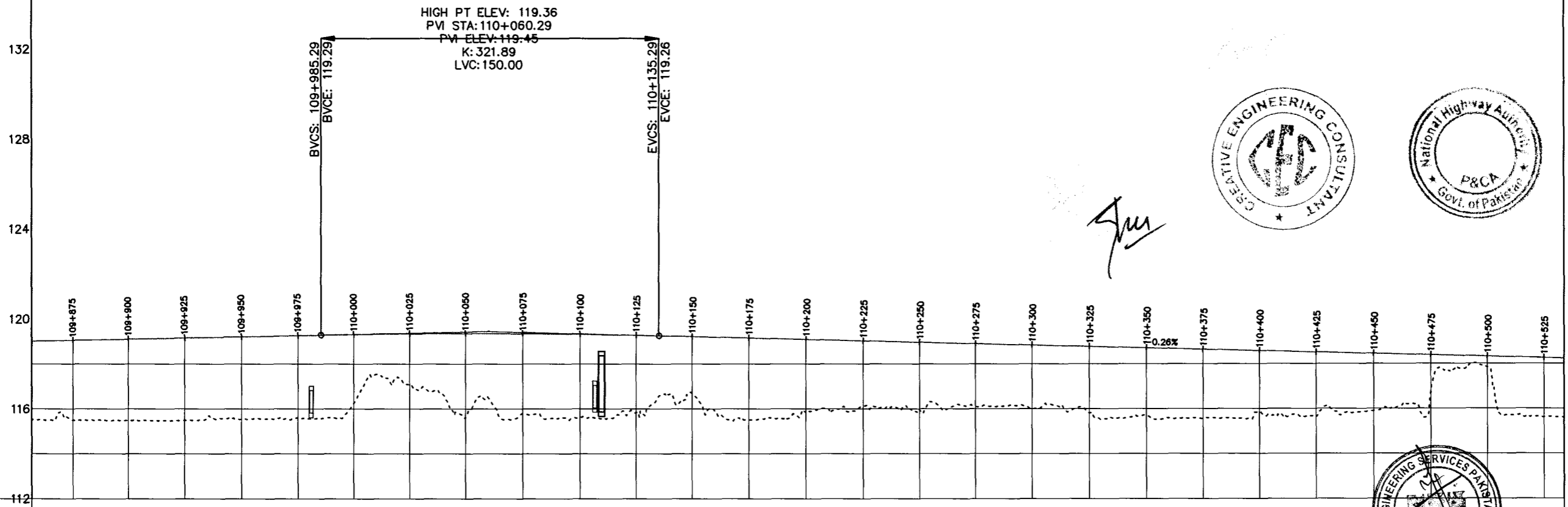
DESIGN BY: A.S	SHEET NO: 81 OF 98
DRAWN BY: S.A	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024
APPROVED BY:	REVISION:

CAD FILE NAME:
 CAREC/T-III/TD/013

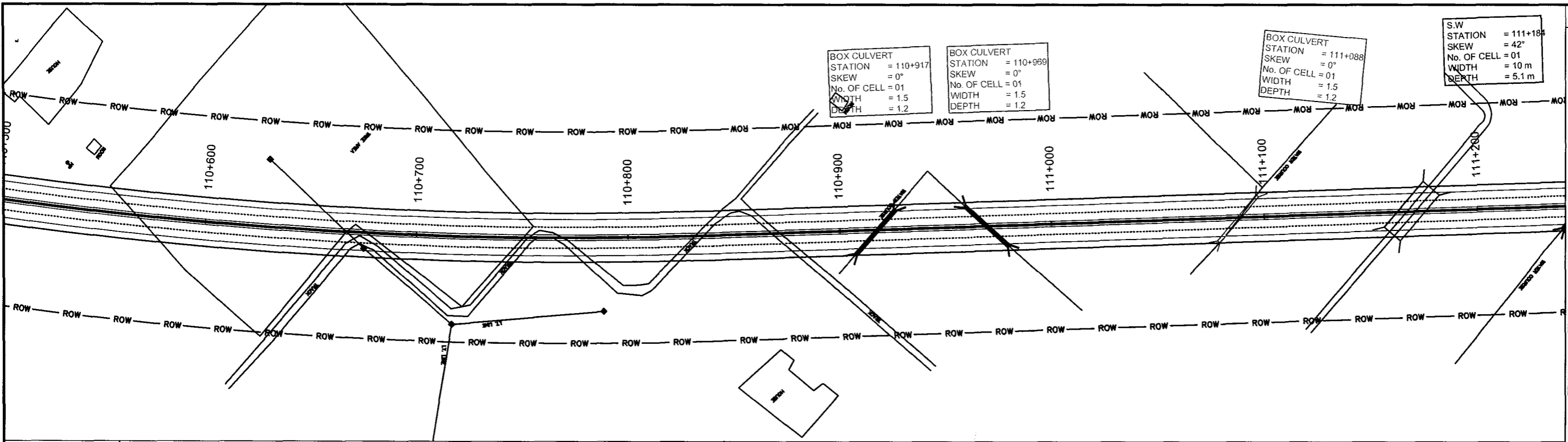


Signature

HIGH PT ELEV: 119.36
 PVI STA: 110+060.29
 PVI ELEV: 119.45
 K: 321.89
 LVC: 150.00



Station	HCD	VCD	P.G.L	N.S.L	CH
109+856			119.020	115.512	109+856
109+875			119.059	115.498	109+875
109+900			119.112	115.474	109+900
109+925			119.165	115.499	109+925
109+950			119.218	115.535	109+950
109+975			119.270	115.601	109+975
110+000			119.320	116.246	110+000
110+025			119.351	117.054	110+025
110+050			119.363	115.608	110+050
110+075			119.356	115.800	110+075
110+100			119.329	115.595	110+100
110+125			119.283	115.823	110+125
110+150			119.221	116.674	110+150
110+175			119.158	115.519	110+175
110+200			119.094	115.879	110+200
110+225			119.030	116.123	110+225
110+250			118.966	115.954	110+250
110+275			118.902	116.094	110+275
110+300			118.839	115.997	110+300
110+325			118.775	115.813	110+325
110+350			118.711	115.719	110+350
110+375			118.647	115.564	110+375
110+400			118.584	115.845	110+400
110+425			118.520	115.689	110+425
110+450			118.456	115.900	110+450
110+475			118.392	116.784	110+475
110+500			118.328	117.834	110+500
110+525			118.265	115.622	110+525
110+534			118.242	115.666	110+534



BOX CULVERT
 STATION = 110+917
 SKEW = 0°
 No. OF CELL = 01
 WIDTH = 1.5
 DEPTH = 1.2

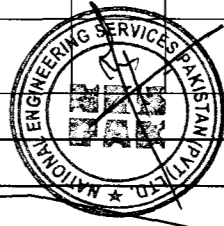
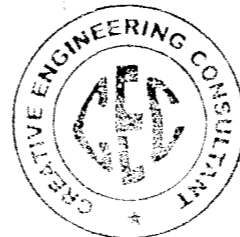
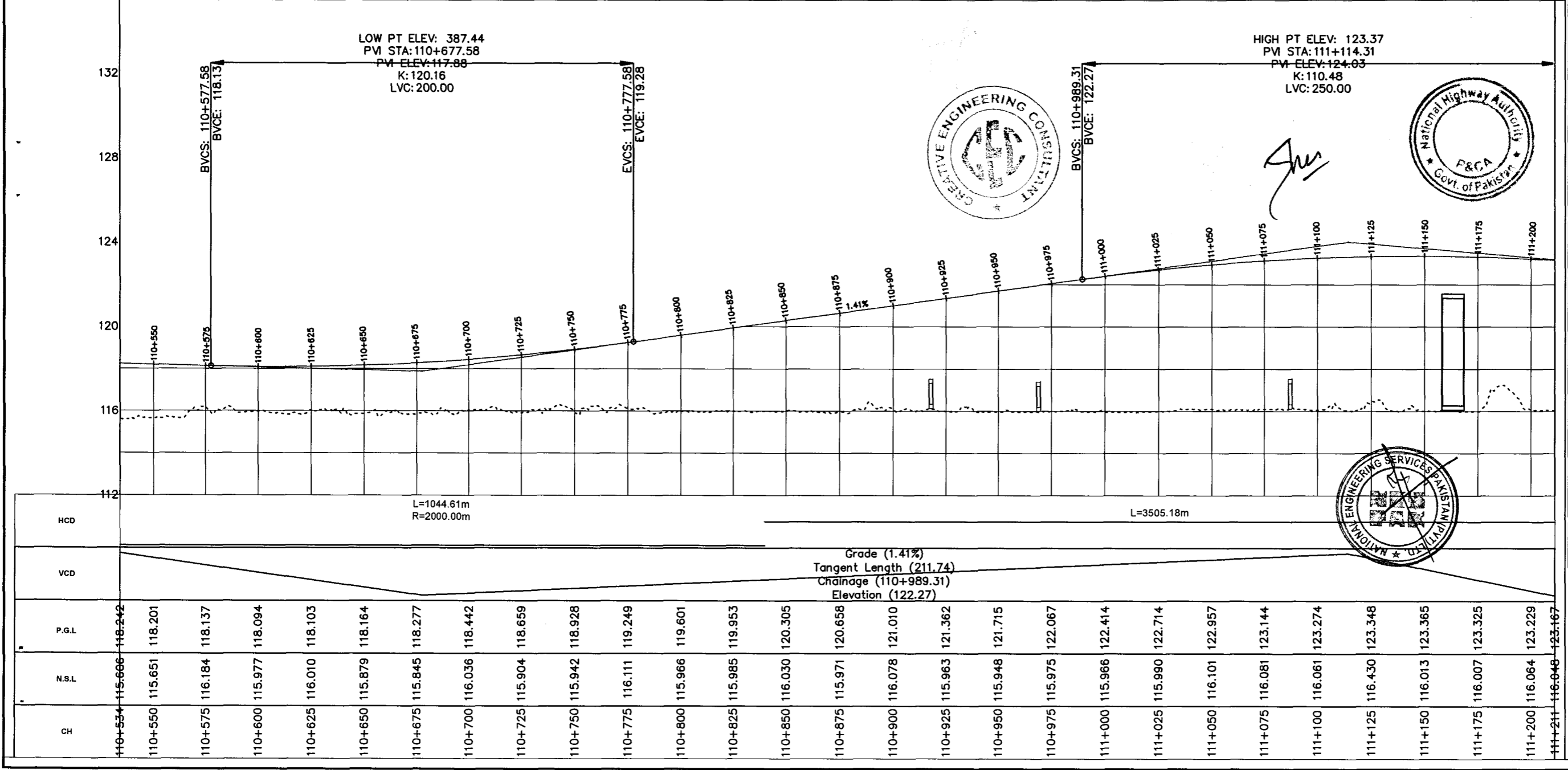
BOX CULVERT
 STATION = 110+989
 SKEW = 0°
 No. OF CELL = 01
 WIDTH = 1.5
 DEPTH = 1.2

BOX CULVERT
 STATION = 111+088
 SKEW = 0°
 No. OF CELL = 01
 WIDTH = 1.5
 DEPTH = 1.2

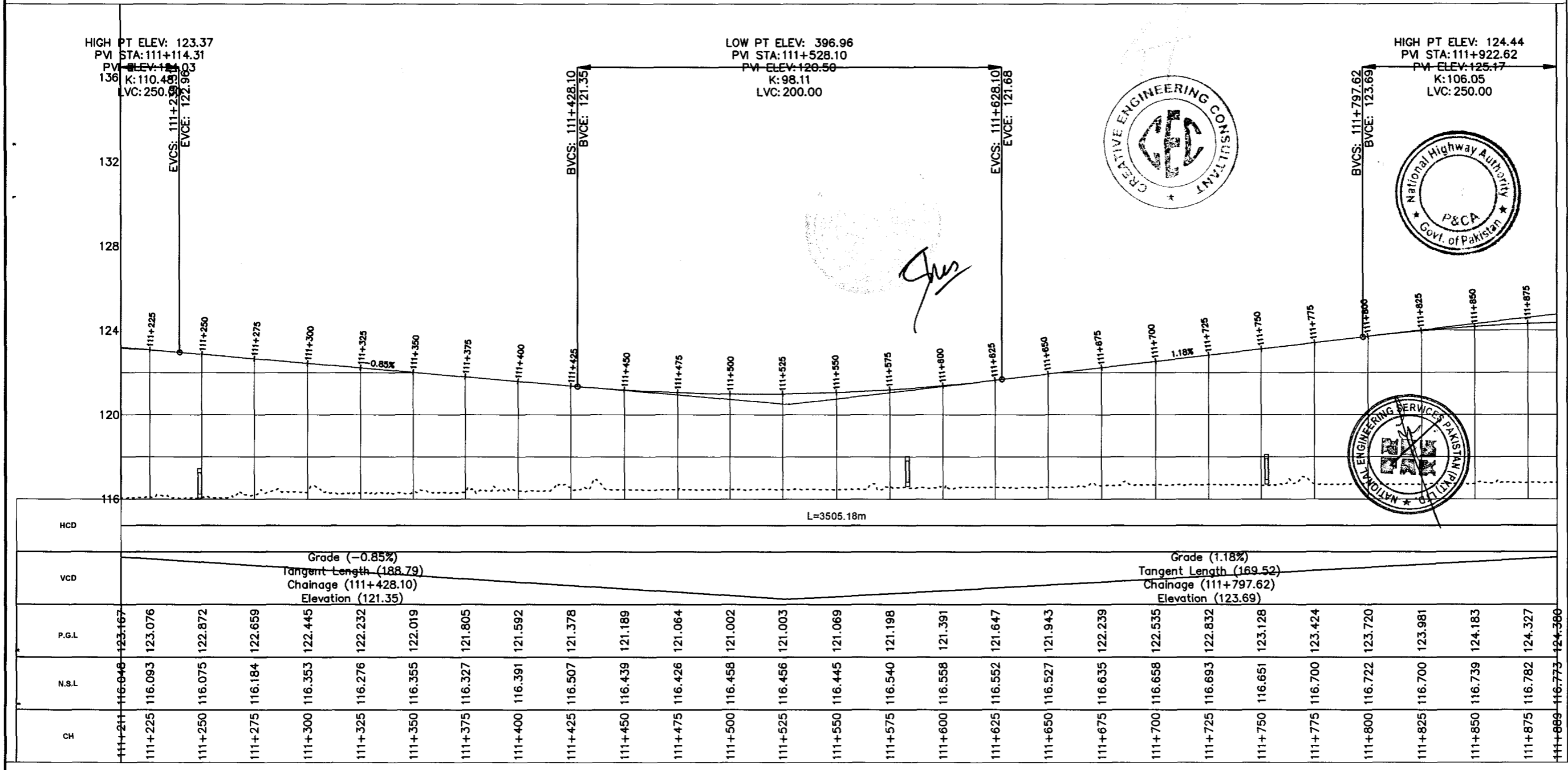
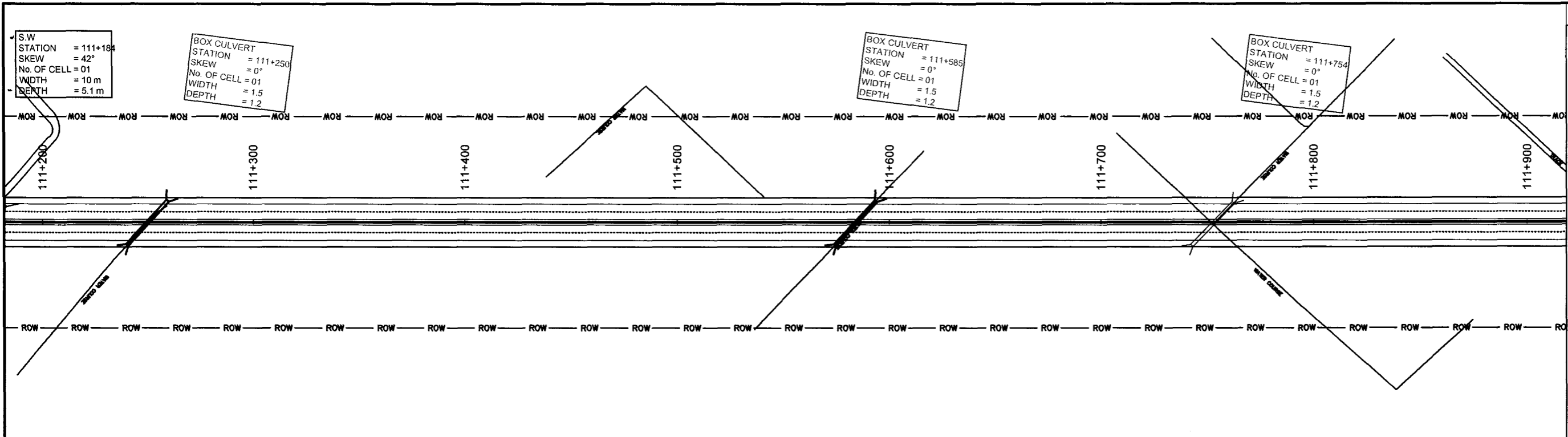
S.W
 STATION = 111+184
 SKEW = 42°
 No. OF CELL = 01
 WIDTH = 10 m
 DEPTH = 5.1 m

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-2 (Km 57+500 TO Km 121+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 110+533.92 - 111+211.35		
DESIGN BY: A.S	SHEET NO: 82 OF 98	
DRAWN BY: S.A	SCALE: H = 1:2000 V = 1:100	
CHECKED BY: A.S	DATE: APRIL, 2024	
APPROVED BY:	REVISION:	
CAD FILE NAME: CAREC/T-III/TD/013		



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-2
 (Km 57+500 TO Km 121+500)

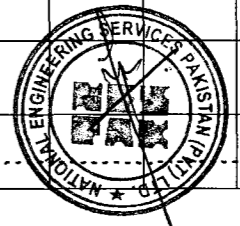
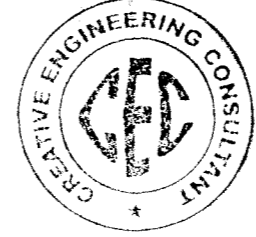
CLIENT:
 NATIONAL HIGHWAYS
 AUTHORITY (NHA)

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

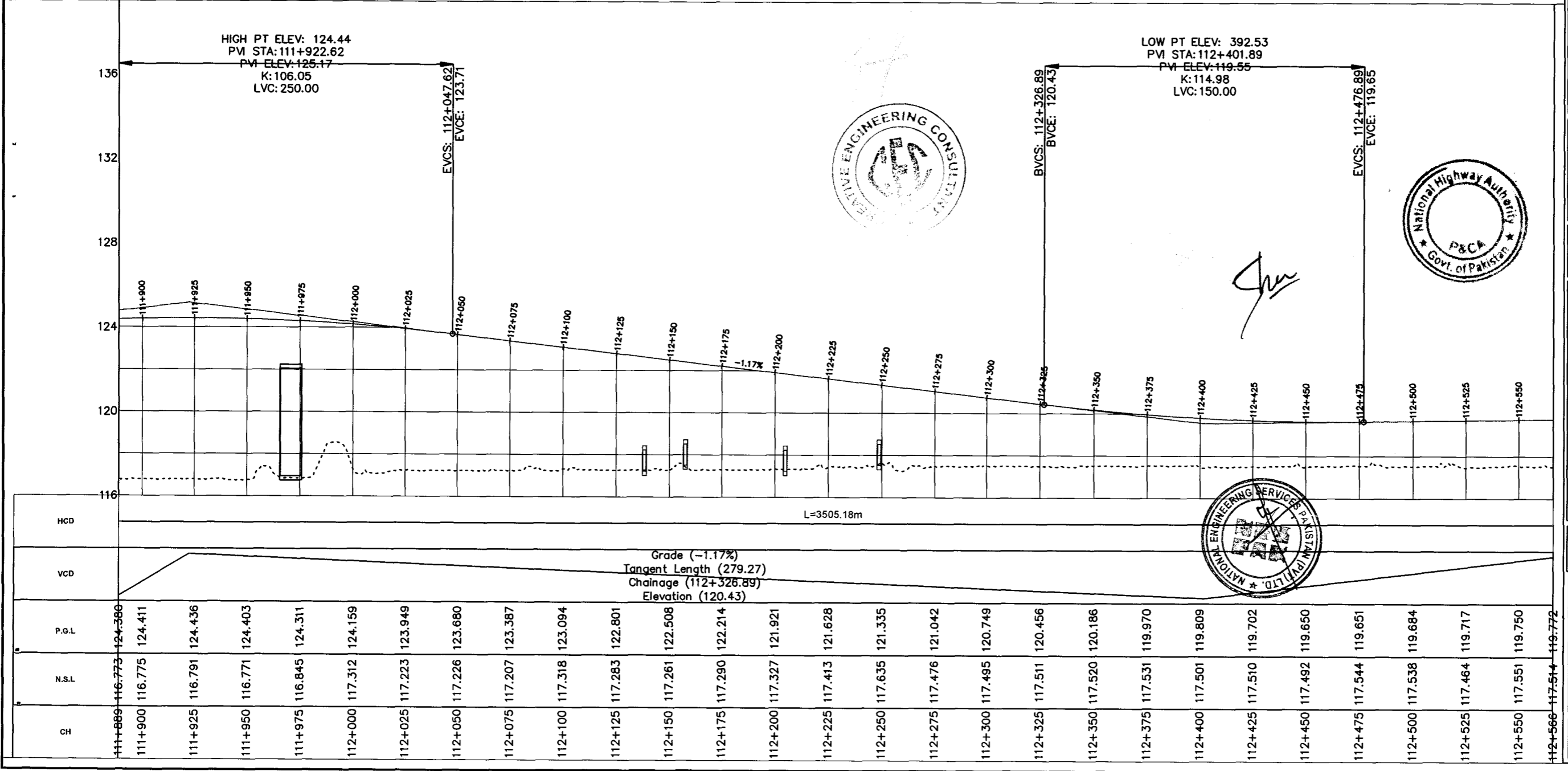
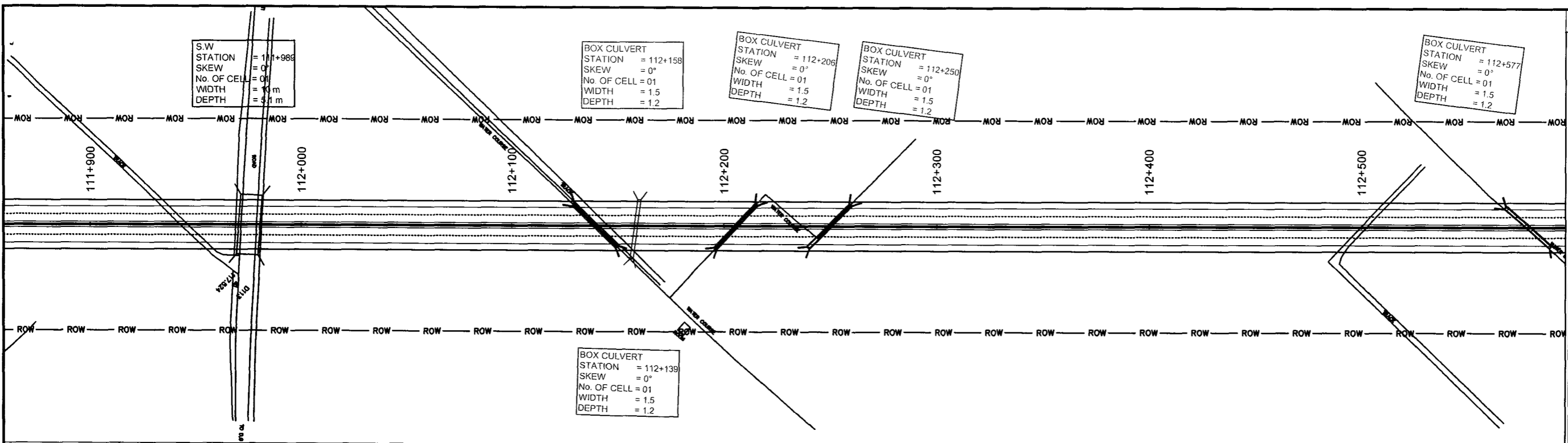
DRAWING TITLE:
 PLAN & PROFILE
 111+211.35 - 111+888.77

DESIGN BY: A.S	SHEET NO: 83 OF 98
DRAWN BY: S.A	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024
APPROVED BY:	REVISION:

CAD FILE NAME:
 CAREC/T-III/TD/013



Jus



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-2 (Km 57+500 TO Km 121+500)

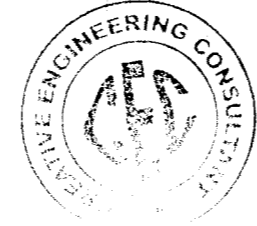
CLIENT:
NATIONAL HIGHWAYS AUTHORITY (NHA)

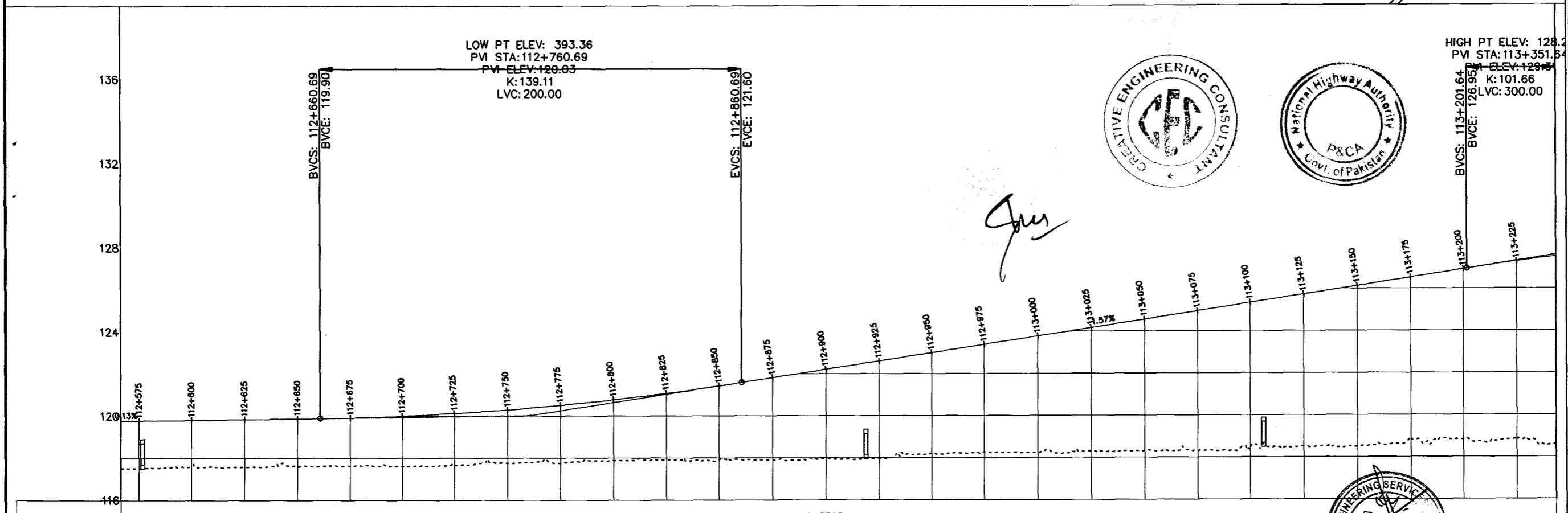
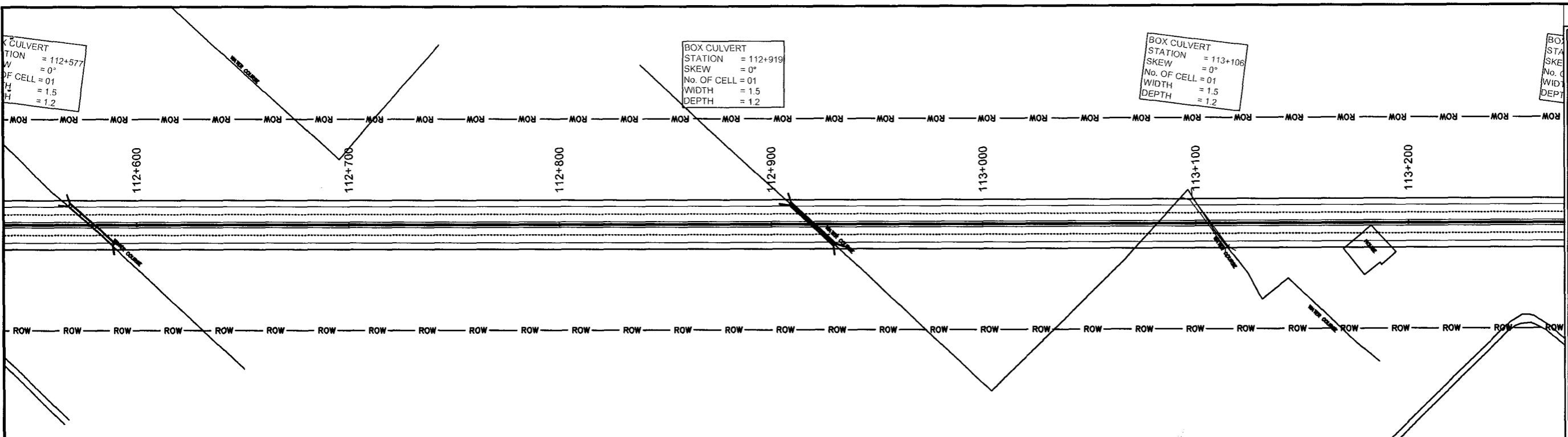
- CONSULTANTS:**
- MINCONSULT. SDN BHD In Joint Venture With
 - SAMAN CORPORATION
 - SHELADIA ASSOCIATES
 - CEC
 - AAA
 - ACE
 - AA
 - ACC

DRAWING TITLE:
PLAN & PROFILE
111+888.77 - 112+566.19

DESIGN BY: A.S	SHEET NO: 84 OF 98
DRAWN BY: S.A	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024
APPROVED BY:	REVISION:

CAD FILE NAME:
CAREC/T-III/TD/013





Station	P.G.L	N.S.L	CH
112+566	117.514	117.514	119.772
112+575	117.525	117.525	119.783
112+600	117.639	117.639	119.816
112+625	117.570	117.570	119.849
112+650	117.612	117.612	119.882
112+675	117.636	117.636	119.923
112+700	117.606	117.606	120.004
112+725	117.695	117.695	120.130
112+750	117.764	117.764	120.301
112+775	117.766	117.766	120.517
112+800	117.884	117.884	120.778
112+825	117.910	117.910	121.084
112+850	117.915	117.915	121.435
112+875	117.915	117.915	121.823
112+900	117.947	117.947	122.216
112+925	117.951	117.951	122.608
112+950	118.168	118.168	123.001
112+975	118.278	118.278	123.393
113+000	118.235	118.235	123.786
113+025	118.300	118.300	124.178
113+050	118.340	118.340	124.570
113+075	118.312	118.312	124.963
113+100	118.383	118.383	125.355
113+125	118.522	118.522	125.748
113+150	118.512	118.512	126.140
113+175	118.907	118.907	126.533
113+200	118.838	118.838	126.925
113+225	118.792	118.792	127.291
113+244	118.655	118.655	127.523

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-2 (Km 57+500 TO Km 121+500)

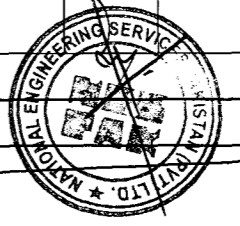
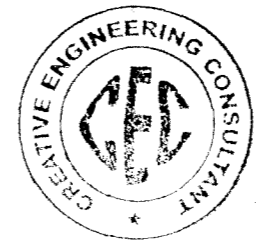
CLIENT:
NATIONAL HIGHWAYS AUTHORITY (NHA)

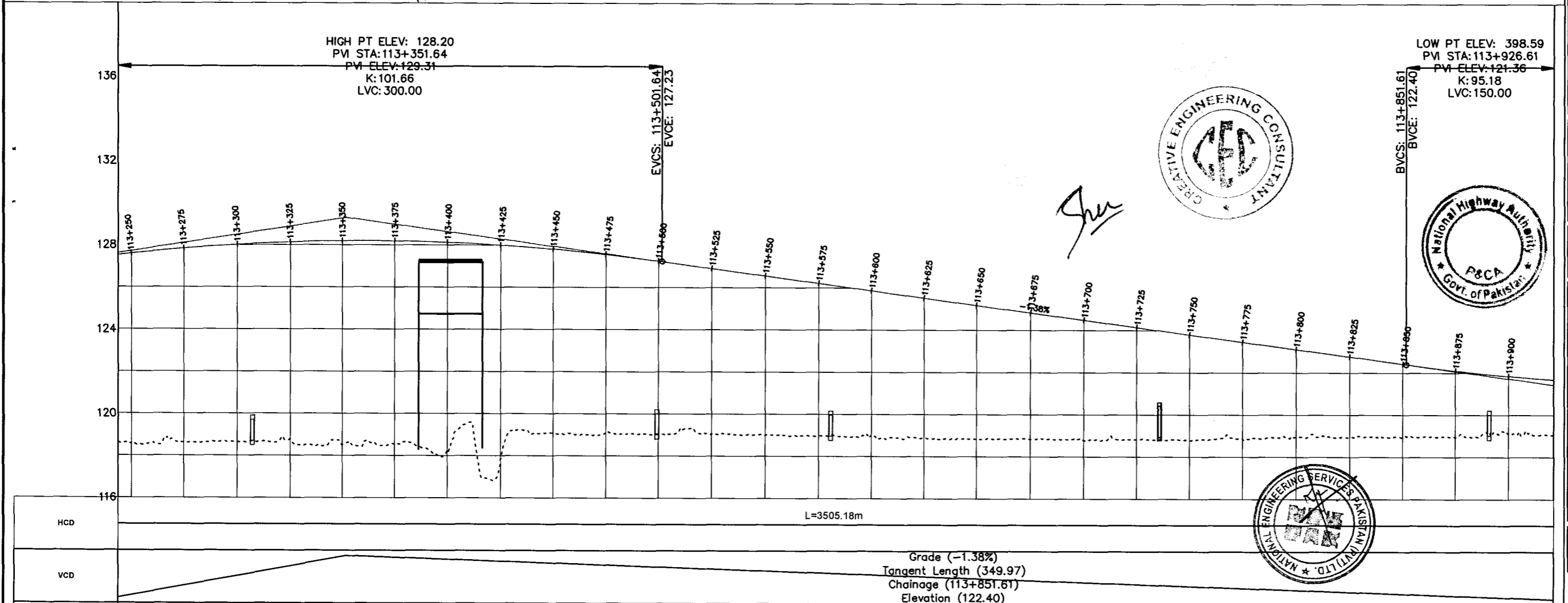
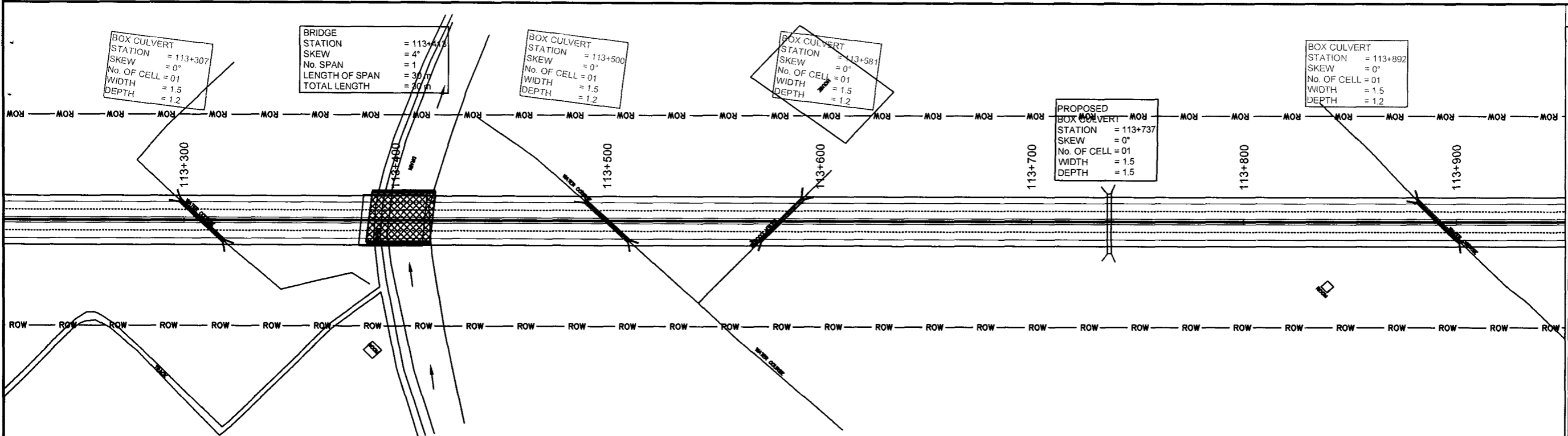
- CONSULTANTS:**
- MINCONSULT SDN BHD In Joint Venture With
 - SAMAN CORPORATION
 - SHELADIA ASSOCIATES
 - CEC
 - AAA
 - ACE
 - AA
 - ACC

DRAWING TITLE:
PLAN & PROFILE
112+566.19 - 113+243.61

DESIGN BY: A.S	SHEET NO: 85 OF 98
DRAWN BY: S.A	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024
APPROVED BY:	REVISION:

CAD FILE NAME:
CAREC/T-III/TD/013





CH	113+244	113+250	113+275	113+300	113+325	113+350	113+375	113+400	113+425	113+450	113+475	113+500	113+525	113+550	113+575	113+600	113+625	113+650	113+675	113+700	113+725	113+750	113+775	113+800	113+825	113+850	113+875	113+900	113+921
P.G.L	118.655	118.584	118.626	118.651	118.754	128.197	128.194	128.130	128.003	127.816	127.567	127.256	126.911	126.566	126.220	125.875	125.530	125.184	124.839	124.494	124.148	123.803	123.458	123.113	122.767	122.422	122.105	121.754	121.409
N.S.L	118.655	118.584	118.626	118.651	118.754	118.516	118.543	118.219	117.725	119.083	119.102	119.032	119.058	118.989	118.971	119.006	118.884	118.818	118.834	118.777	118.836	118.773	118.860	118.957	118.914	118.964	118.960	119.139	121.694
HCD																													
VCD																													

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-2 (Km 57+500 TO Km 121+500)

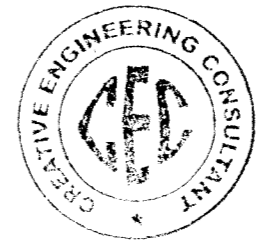
CLIENT:
NHA NATIONAL HIGHWAYS AUTHORITY (NHA)

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

DRAWING TITLE:
PLAN & PROFILE
113+243.61 - 113+921.04

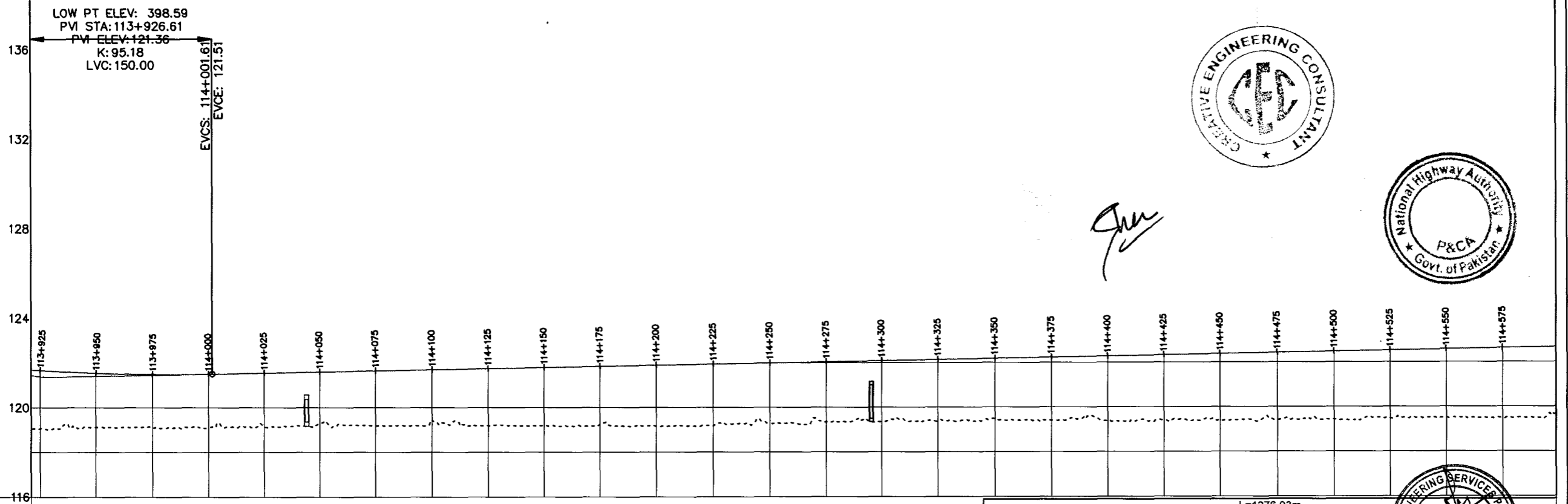
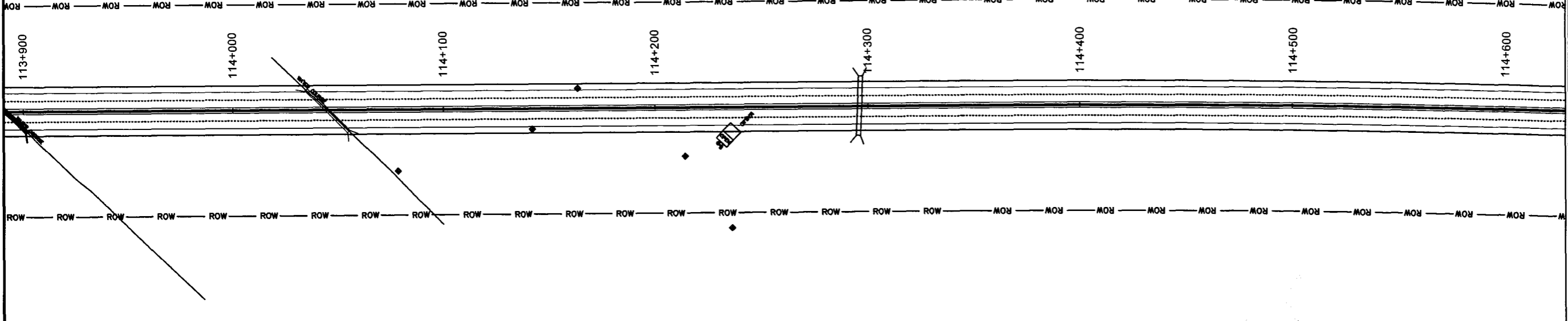
DESIGN BY: A.S	SHEET NO: 86 OF 98
DRAWN BY: S.A	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024
APPROVED BY:	REVISION:

CAD FILE NAME:
CAREC/T-III/TD/013

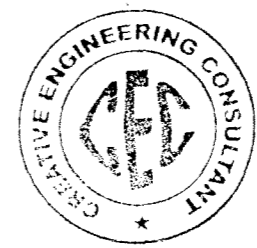


BOX CULVERT
 STATION = 114+045
 SKEW = 0°
 No. OF CELL = 01
 WIDTH = 1.5
 DEPTH = 1.2

PROPOSED
 BOX CULVERT
 STATION = 114+297
 SKEW = 0°
 No. OF CELL = 01
 WIDTH = 2.0
 DEPTH = 1.5



CH	113+925	113+950	113+975	114+000	114+025	114+050	114+075	114+100	114+125	114+150	114+175	114+200	114+225	114+250	114+275	114+300	114+325	114+350	114+375	114+400	114+425	114+450	114+475	114+500	114+525	114+550	114+575	114+598
P.G.L	121.869	121.869	121.869	121.869	121.869	121.869	121.869	121.869	121.869	121.869	121.869	121.869	121.869	121.869	121.869	121.869	121.869	121.869	121.869	121.869	121.869	121.869	121.869	121.869	121.869	121.869	121.869	121.869
N.S.L	119.069	119.127	119.113	119.102	119.121	119.279	119.191	119.442	119.193	119.166	119.282	119.150	119.175	119.281	119.340	119.346	119.401	119.450	119.406	119.396	119.403	119.372	119.407	119.435	119.477	119.492	119.471	119.653
HCD																												
VCD																												



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-2
 (Km 57+500 TO Km 121+500)

CLIENT:
 NATIONAL HIGHWAYS
 AUTHORITY (NHA)

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

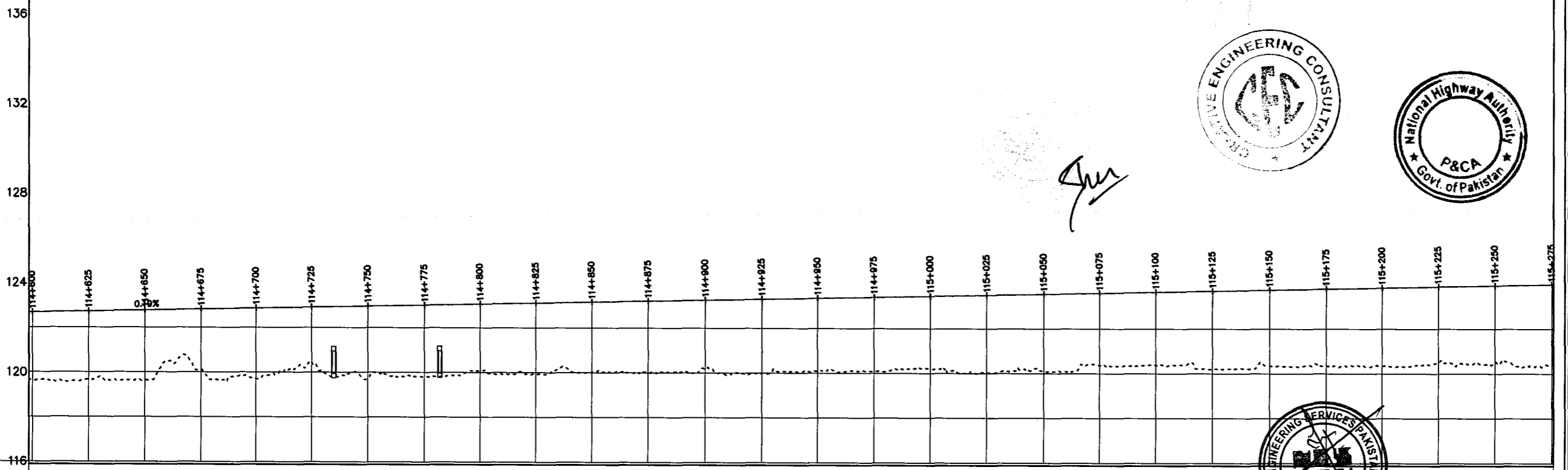
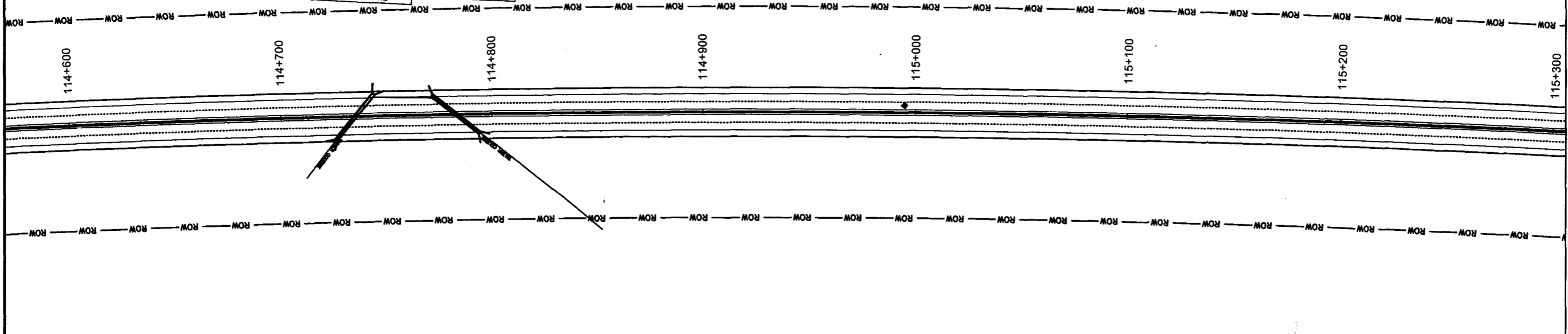
DRAWING TITLE:
 PLAN & PROFILE
 113+921.04 - 114+598.46

DESIGN BY: A.S	SHEET NO: 87 OF 98
DRAWN BY: S.A	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024
APPROVED BY:	REVISION:

CAD FILE NAME:
 CAREC/T-III/TD/013

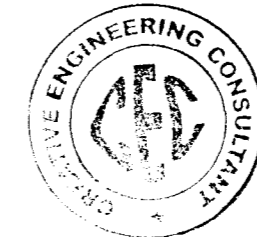
BOX CULVERT
 STATION = 114+735
 SKEW = 0°
 No. OF CELL = 01
 WIDTH = 1.5
 DEPTH = 1.2

BOX CULVERT
 STATION = 114+783
 SKEW = 0°
 No. OF CELL = 01
 WIDTH = 1.5
 DEPTH = 1.2



L=1276.93m

HCD																												
VCD	Grade (0.19%) Tangent Length (1298.31) Chainage (115+299.92) Elevation (124.04)																											
P.G.L	114+600	114+625	114+650	114+675	114+700	114+725	114+750	114+775	114+800	114+825	114+850	114+875	114+900	114+925	114+950	114+975	115+000	115+025	115+050	115+075	115+100	115+125	115+150	115+175	115+200	115+225	115+250	115+275
N.S.L	119.644	119.668	119.639	120.100	119.699	120.434	119.710	119.787	120.073	119.919	120.032	120.016	120.162	120.210	120.084	120.090	120.206	120.042	120.081	120.367	120.382	120.214	120.350	120.336	120.349	120.472	120.538	120.493
CH	119.644	119.668	119.639	120.100	119.699	120.434	119.710	119.787	120.073	119.919	120.032	120.016	120.162	120.210	120.084	120.090	120.206	120.042	120.081	120.367	120.382	120.214	120.350	120.336	120.349	120.472	120.538	120.493



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-2
 (Km 57+500 TO Km 121+500)

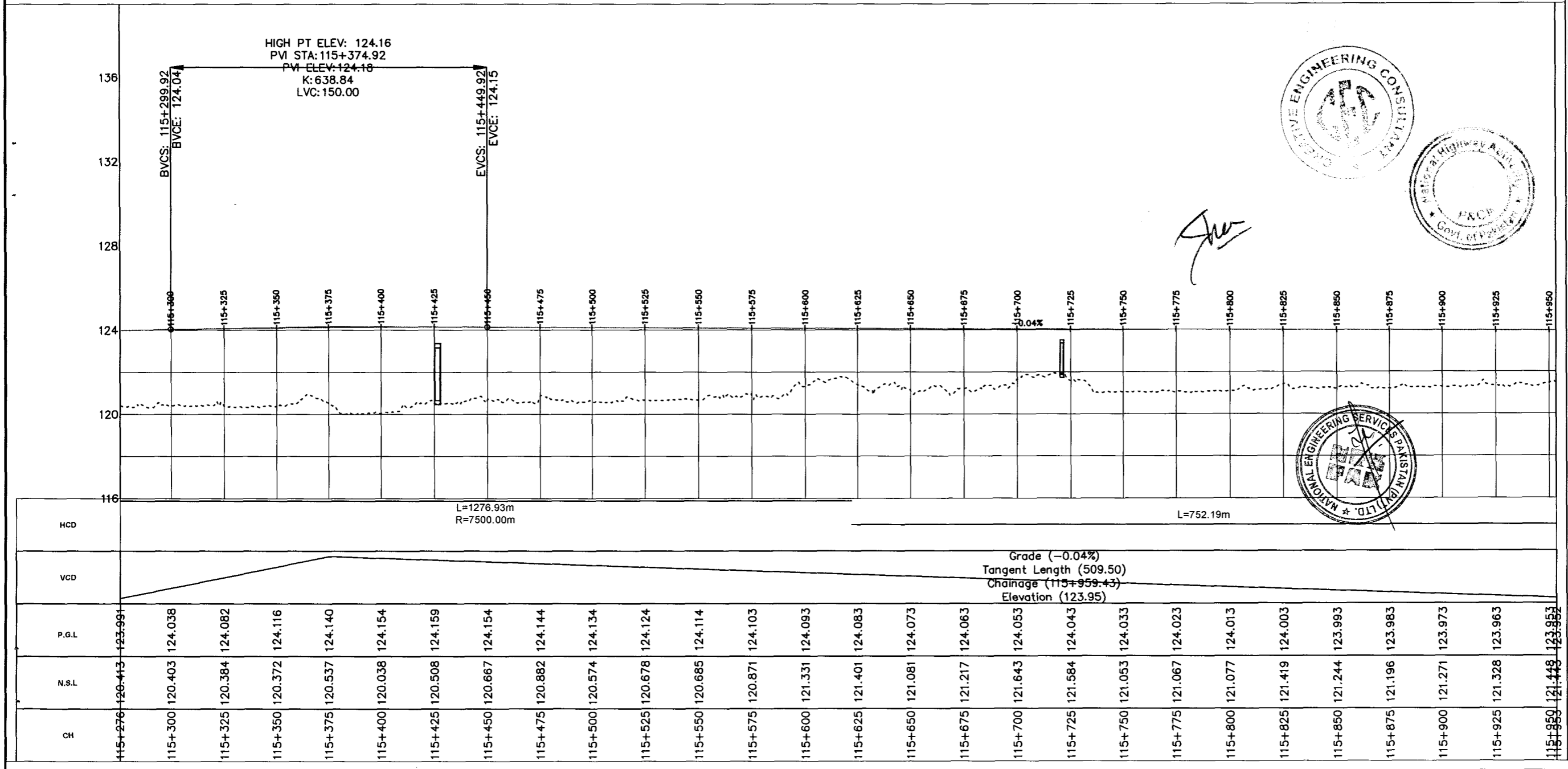
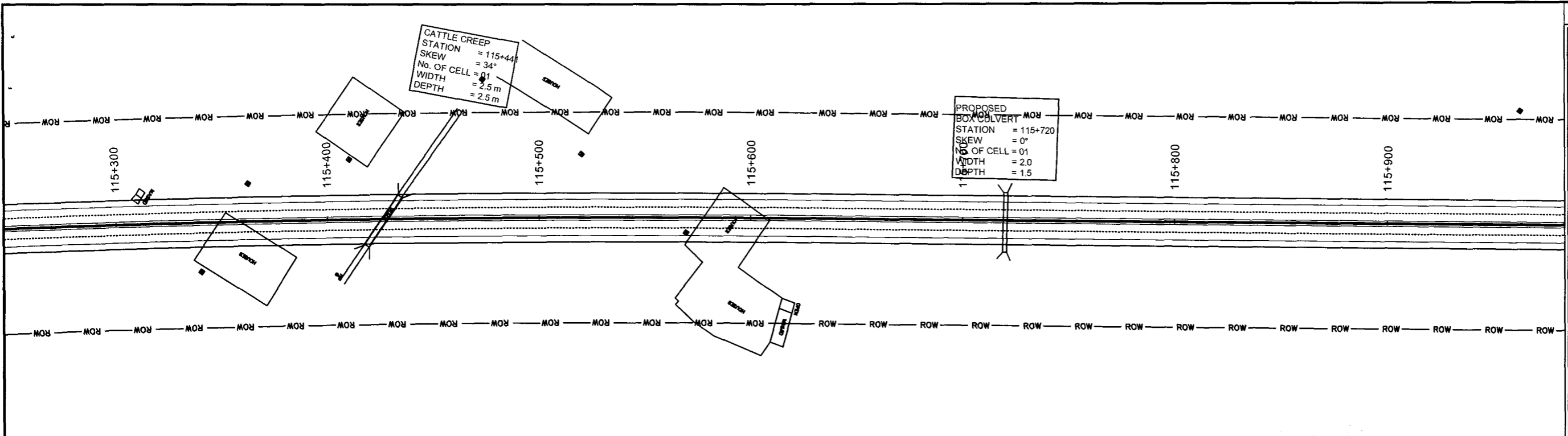
CLIENT:
 NATIONAL HIGHWAYS
 AUTHORITY (NHA)

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

DRAWING TITLE:
 PLAN & PROFILE
 114+598.45 - 115+275.88

DESIGN BY: A.S	SHEET NO: 88 OF 98
DRAWN BY: S.A	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024
APPROVED BY:	REVISION:

CAD FILE NAME:
 CAREC/T-III/TD/013



NOTES
1- ALL DIMENSIONS AND ARE IN METERS.

LEGEND

PROJECT:
CONSTRUCTION OF RAJANPUR-DG KHAN SECTION OF N-55 AS 4-LANE HIGHWAY (121.50 Km) PACKAGE-2 (Km 57+500 TO Km 121+500)

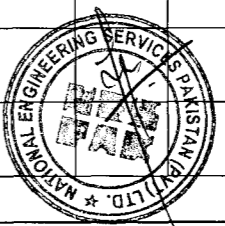
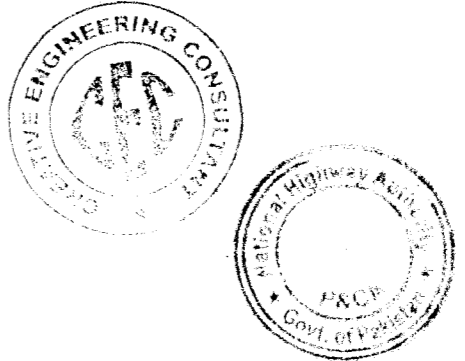
CLIENT:
NHA NATIONAL HIGHWAYS AUTHORITY (NHA)

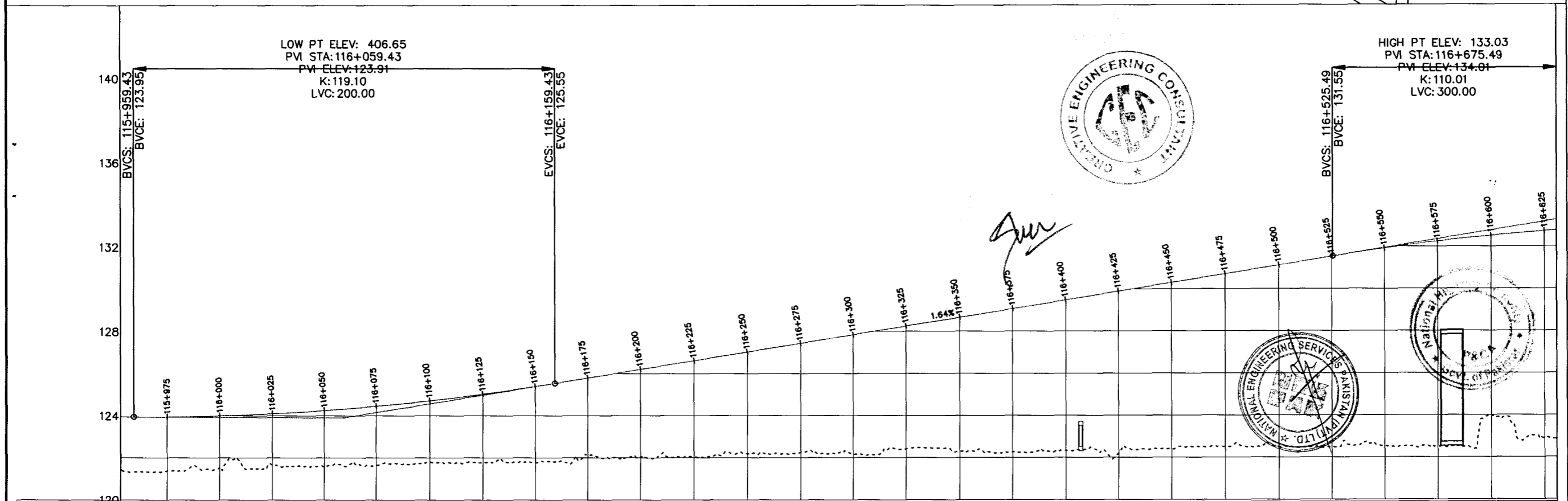
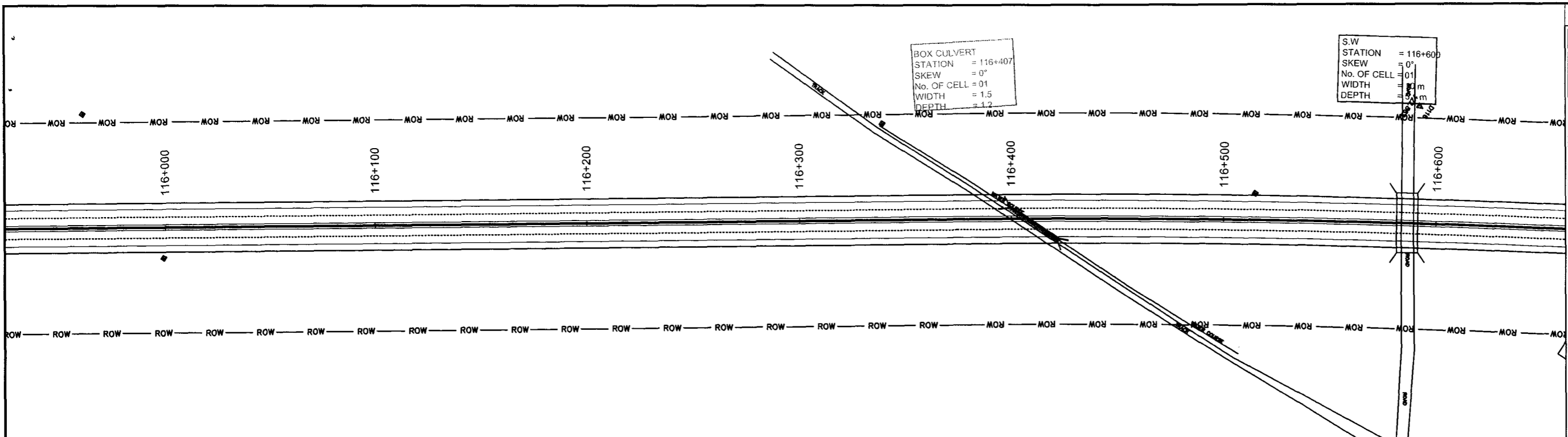
- CONSULTANTS:**
- MINCONSULT SDN BHD In Joint Venture With
 - SAMAN CORPORATION
 - SHELADIA ASSOCIATES
 - CEC
 - AAA
 - ACE
 - AA
 - ACC

DRAWING TITLE:
PLAN & PROFILE
115+275.88 - 115+953.31

DESIGN BY: A.S	SHEET NO: 89 OF 98
DRAWN BY: S.A	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024
APPROVED BY:	REVISION:

CAD FILE NAME:
CAREC/T-III/TD/013





Station	HCD	VCD	P.G.L	N.S.L	CH
115+952			123.952	121.443	123.952
115+975			123.953	121.384	123.953
116+000			124.002	121.535	124.002
116+025			124.104	121.677	124.104
116+050			124.257	121.579	124.257
116+075			124.464	121.625	124.464
116+100			124.723	121.808	124.723
116+125			125.034	121.734	125.034
116+150			125.398	121.774	125.398
116+175			125.804	122.080	125.804
116+200			126.213	122.039	126.213
116+225			126.623	122.044	126.623
116+250			127.033	122.188	127.033
116+275			127.443	122.254	127.443
116+300			127.853	122.162	127.853
116+325			128.262	122.415	128.262
116+350			128.672	122.304	128.672
116+375			129.082	122.265	129.082
116+400			129.492	122.340	129.492
116+425			129.902	122.221	129.902
116+450			130.311	122.391	130.311
116+475			130.721	122.504	130.721
116+500			131.131	122.491	131.131
116+525			131.541	122.463	131.541
116+550			131.923	122.529	131.923
116+575			132.249	122.514	132.249
116+600			132.518	123.979	132.518
116+625			132.730	122.888	132.730
116+631			132.770	122.969	132.770

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-2 (Km 57+500 TO Km 121+500)

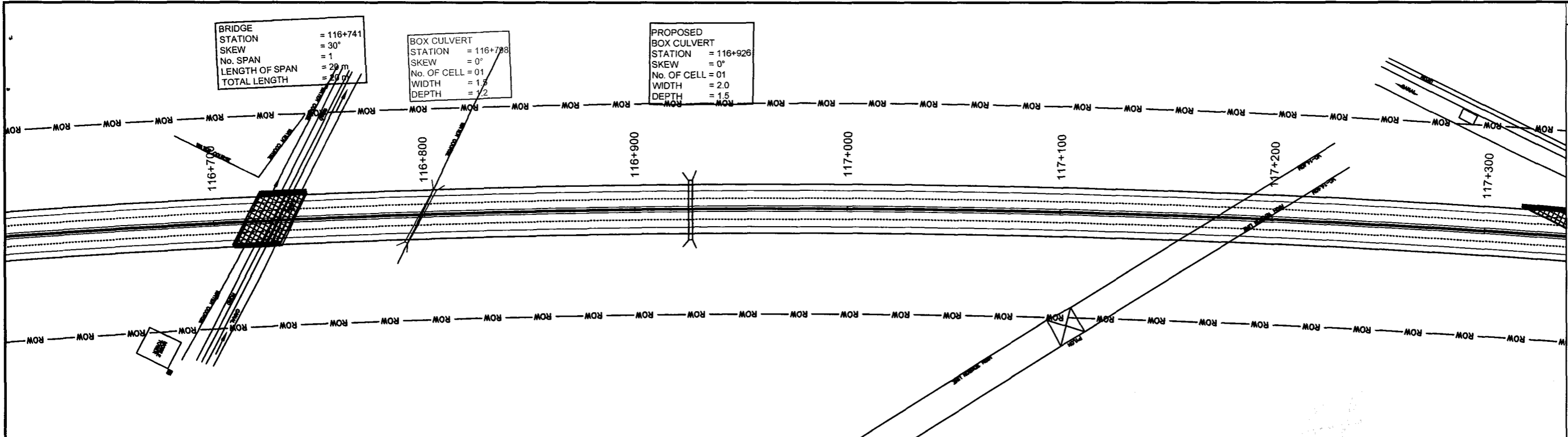
CLIENT:
NHA NATIONAL HIGHWAYS AUTHORITY (NHA)

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

DRAWING TITLE:
PLAN & PROFILE
115+953.31 - 116+630.73

DESIGN BY: A.S	SHEET NO: 90 OF 98
DRAWN BY: S.A	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024
APPROVED BY:	REVISION:

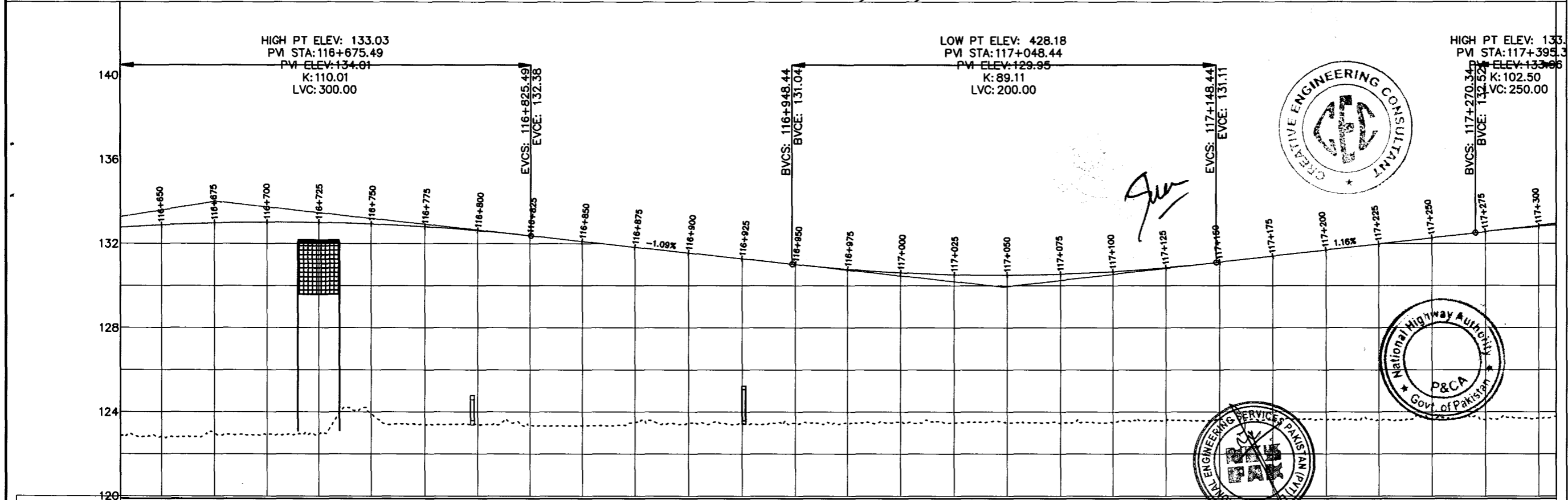
CAD FILE NAME:
CAREC/T-III/TD/013



BRIDGE
STATION = 116+741
SKEW = 30°
No. SPAN = 1
LENGTH OF SPAN = 29 m
TOTAL LENGTH = 29 m

BOX CULVERT
STATION = 116+789
SKEW = 0°
No. OF CELL = 01
WIDTH = 1.5
DEPTH = 1.2

PROPOSED
BOX CULVERT
STATION = 116+926
SKEW = 0°
No. OF CELL = 01
WIDTH = 2.0
DEPTH = 1.5



Station	HCD	VCD	P.G.L	N.S.L	CH
116+630			132.776	122.869	132.869
116+650			132.885	122.828	132.885
116+675			132.983	122.964	132.983
116+700			133.025	122.931	133.025
116+725			133.010	122.953	133.010
116+750			132.938	123.917	132.938
116+775			132.809	123.398	132.809
116+800			132.623	123.408	132.623
116+825			132.381	123.364	132.381
116+850			132.109	123.348	132.109
116+875			131.837	123.508	131.837
116+900			131.565	123.483	131.565
116+925			131.293	123.433	131.293
116+950			131.021	123.469	131.021
116+975			130.788	123.508	130.788
117+000			130.626	123.494	130.626
117+025			130.534	123.490	130.534
117+050			130.511	123.488	130.511
117+075			130.559	123.487	130.559
117+100			130.678	123.498	130.678
117+125			130.866	123.585	130.866
117+150			131.124	123.629	131.124
117+175			131.413	123.649	131.413
117+200			131.702	123.636	131.702
117+225			131.992	123.615	131.992
117+250			132.281	123.707	132.281
117+275			132.569	123.643	132.569
117+300			132.816	123.705	132.816
117+308			132.884	123.785	132.884

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-2 (Km 57+500 TO Km 121+500)

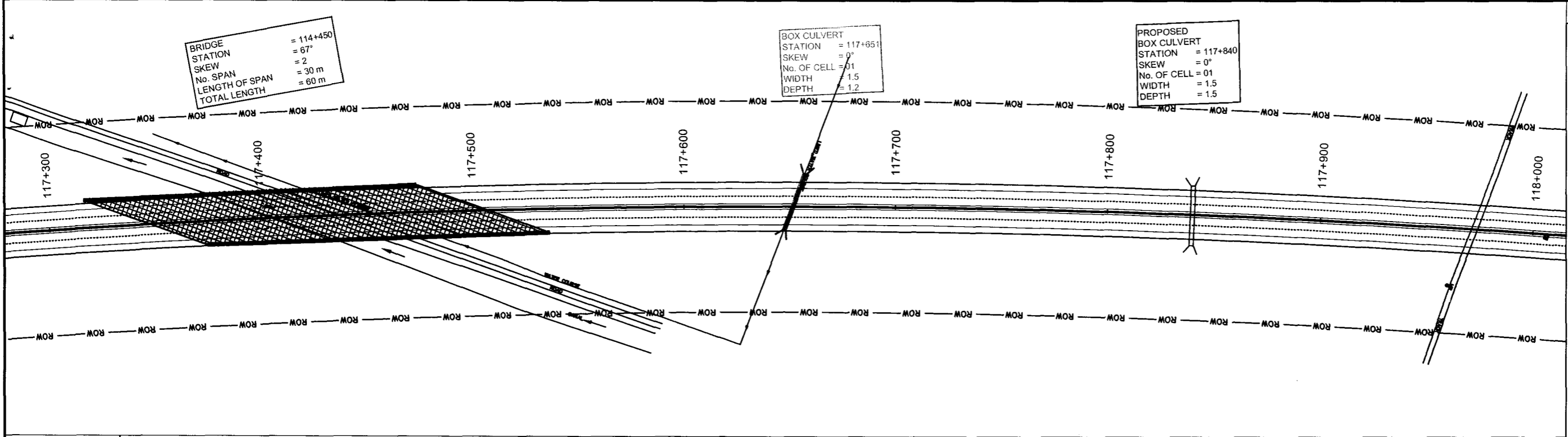
CLIENT:
NATIONAL HIGHWAYS AUTHORITY (NHA)

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

DRAWING TITLE:
PLAN & PROFILE
116+630.73 - 117+308.15

DESIGN BY: A.S	SHEET NO: 91 OF 98
DRAWN BY: S.A	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024
APPROVED BY:	REVISION:

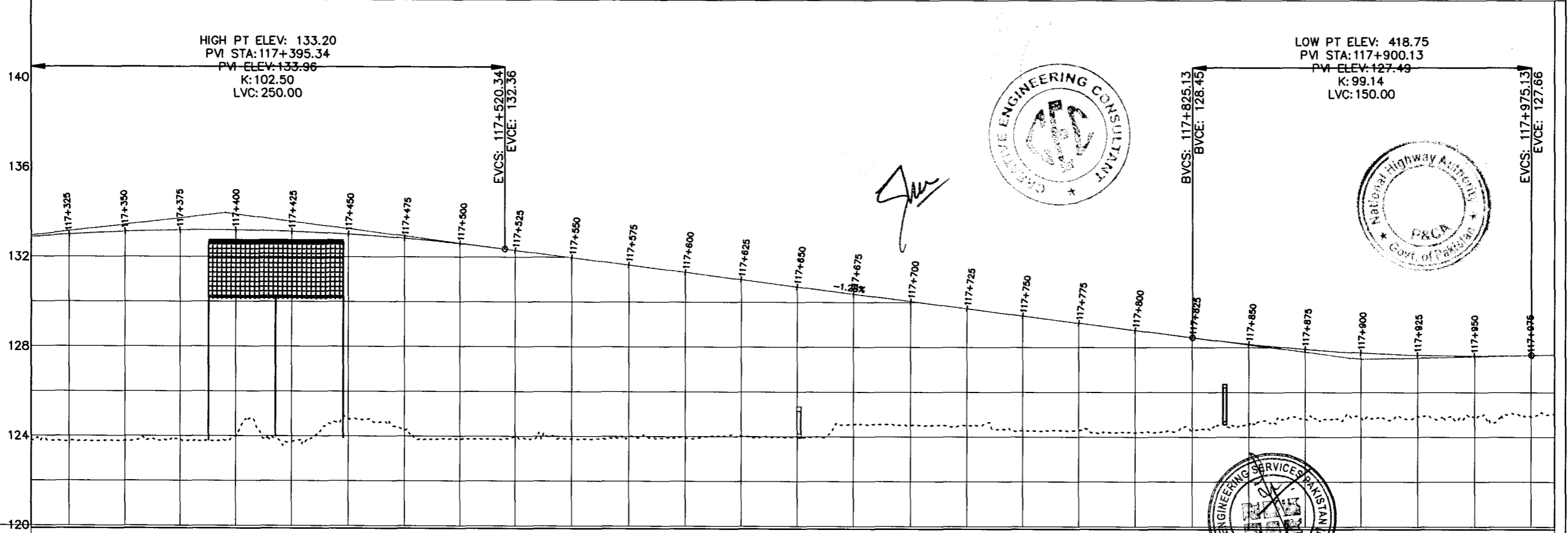
CAD FILE NAME:
CAREC/T-III/TD/013



BRIDGE
STATION = 114+450
SKEW = 67°
No. SPAN = 2
LENGTH OF SPAN = 30 m
TOTAL LENGTH = 60 m

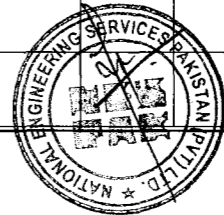
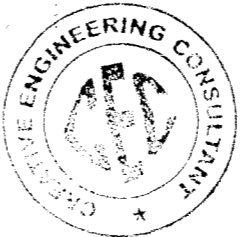
BOX CULVERT
STATION = 117+651
SKEW = 0°
No. OF CELL = 01
WIDTH = 1.5
DEPTH = 1.2

PROPOSED
BOX CULVERT
STATION = 117+840
SKEW = 0°
No. OF CELL = 01
WIDTH = 1.5
DEPTH = 1.5



HIGH PT ELEV: 133.20
PVI STA: 117+395.34
PM ELEV: 133.96
K: 102.50
LVC: 250.00

LOW PT ELEV: 127.75
PVI STA: 117+900.13
PM ELEV: 127.49
K: 99.14
LVC: 150.00



Station	CH	N.S.L	P.G.L	VCD	HCD
117+300	123.785	123.785	132.884		
117+325	123.763	123.763	133.002		
117+350	123.775	123.775	133.128		
117+375	123.827	123.827	133.192		
117+400	123.995	123.995	133.195		
117+425	123.753	123.753	133.138		
117+450	124.803	124.803	133.019		
117+475	124.251	124.251	132.840		
117+500	123.861	123.861	132.599		
117+525	123.988	123.988	132.299		
117+550	123.887	123.887	131.978		
117+575	123.981	123.981	131.658		
117+600	123.937	123.937	131.337		
117+625	124.036	124.036	131.016		
117+650	123.991	123.991	130.696		
117+675	124.542	124.542	130.375		
117+700	124.497	124.497	130.055		
117+725	124.513	124.513	129.734		
117+750	124.289	124.289	129.413		
117+775	124.298	124.298	129.093		
117+800	124.195	124.195	128.772		
117+825	124.303	124.303	128.452		
117+850	124.520	124.520	128.162		
117+875	124.777	124.777	127.936		
117+900	124.850	124.850	127.772		
117+925	124.957	124.957	127.672		
117+950	124.902	124.902	127.635		
117+975	124.916	124.916	127.661		
117+985	125.045	125.045	127.685		

Grade (-1.28%)
Tangent Length (304.79)
Chainage (117+825.13)
Elevation (128.45)

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-2
(Km 57+500 TO Km 121+500)

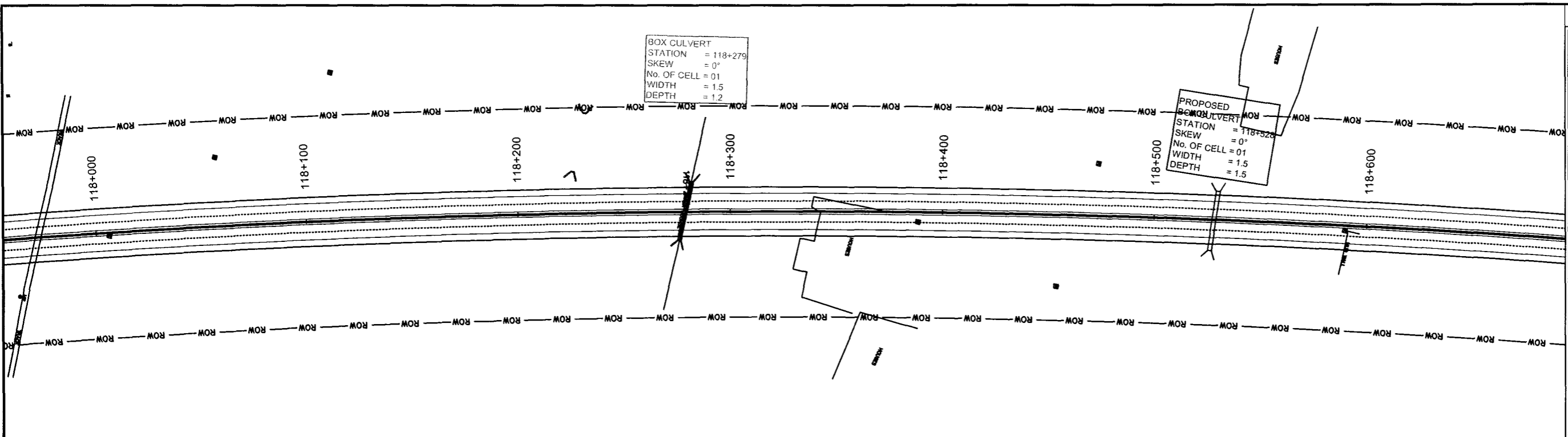
CLIENT:
NIA NATIONAL HIGHWAYS AUTHORITY (NHA)

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

DRAWING TITLE:
PLAN & PROFILE
117+308.15 - 117+985.58

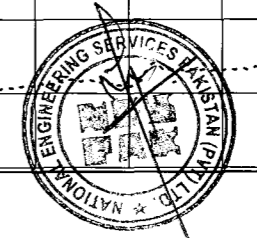
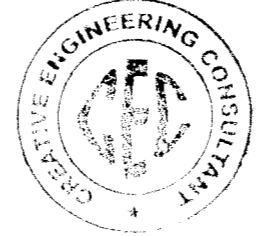
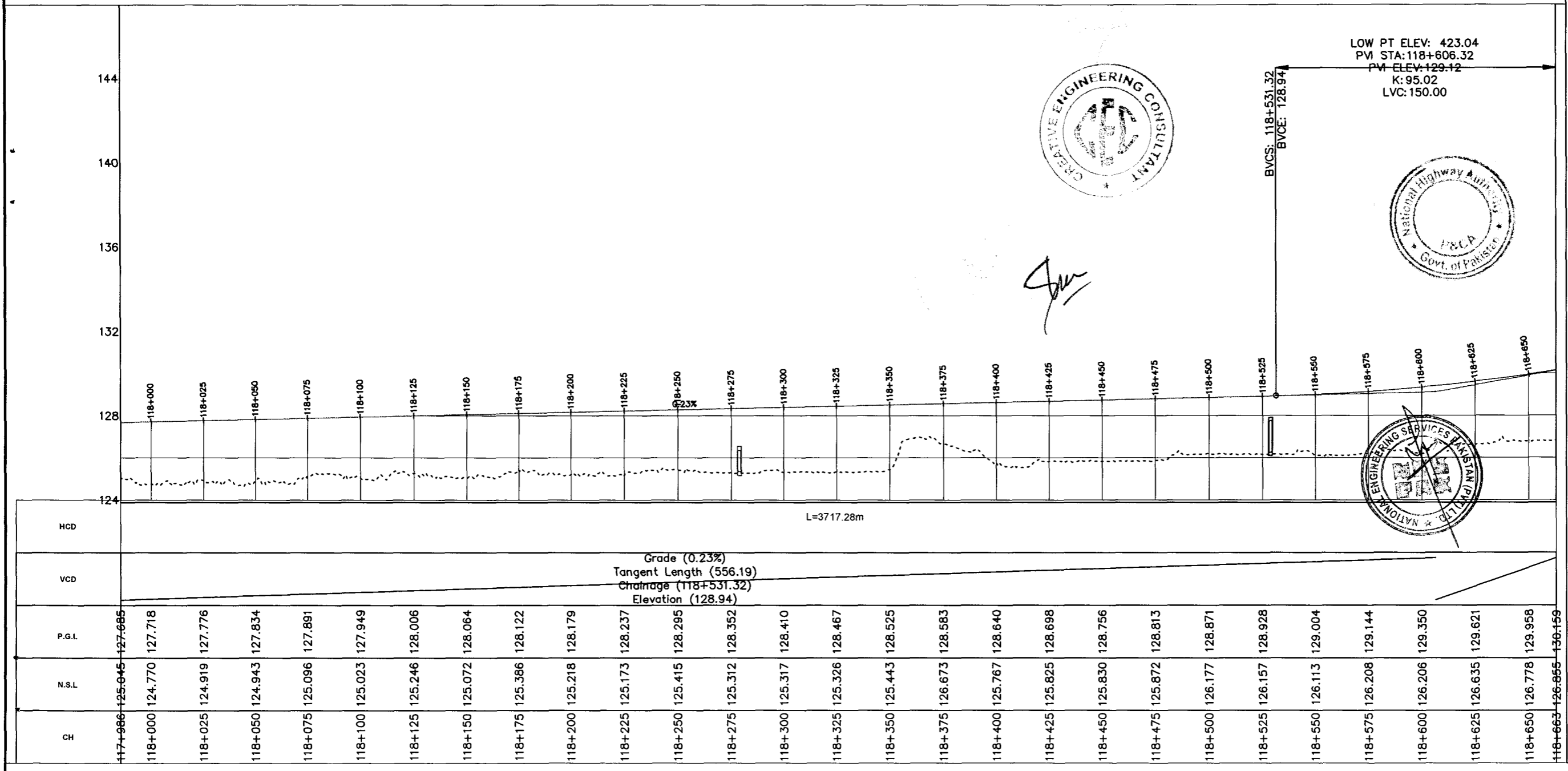
DESIGN BY: AS	SHEET NO: 92 OF 98
DRAWN BY: SA	SCALE: H = 1:2000 V = 1:100
CHECKED BY: AS	DATE: APRIL, 2024
APPROVED BY:	REVISION:

CAD FILE NAME:
CAREC/T-III/TD/013



BOX CULVERT
 STATION = 118+279
 SKEW = 0°
 No. OF CELL = 01
 WIDTH = 1.5
 DEPTH = 1.2

PROPOSED BOX CULVERT
 STATION = 118+529
 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-2 (Km 57+500 TO Km 121+500)

CLIENT:
 NATIONAL HIGHWAYS AUTHORITY (NHA)

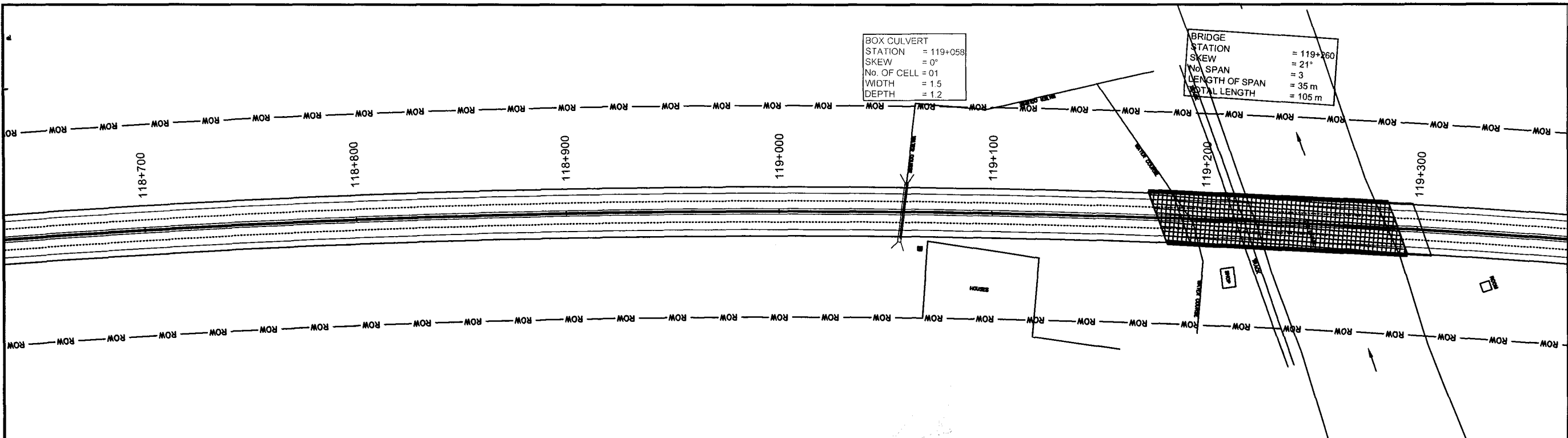
CONSULTANTS:

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

DRAWING TITLE:
 PLAN & PROFILE
 117+985.58 - 118+663.00

DESIGN BY: A.S	SHEET NO: 93 OF 98
DRAWN BY: S.A	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024
APPROVED BY:	REVISION:

CAD FILE NAME:
 CAREC/T-III/TD/013



BOX CULVERT
 STATION = 119+058
 SKEW = 0°
 No. OF CELL = 01
 WIDTH = 1.5
 DEPTH = 1.2

BRIDGE
 STATION = 119+260
 SKEW = 21°
 No. SPAN = 3
 LENGTH OF SPAN = 35 m
 TOTAL LENGTH = 105 m

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-2
 (Km 57+500 TO Km 121+500)

CLIENT:
 NATIONAL HIGHWAYS AUTHORITY (NHA)

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

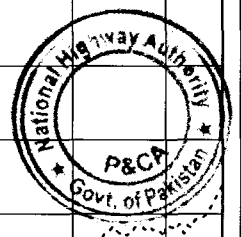
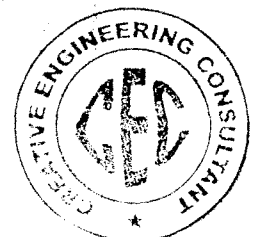
DRAWING TITLE:
 PLAN & PROFILE
 118+663.00 - 119+340.42

DESIGN BY: A.S	SHEET NO: 94 OF 98
DRAWN BY: S.A	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024
APPROVED BY:	REVISION:

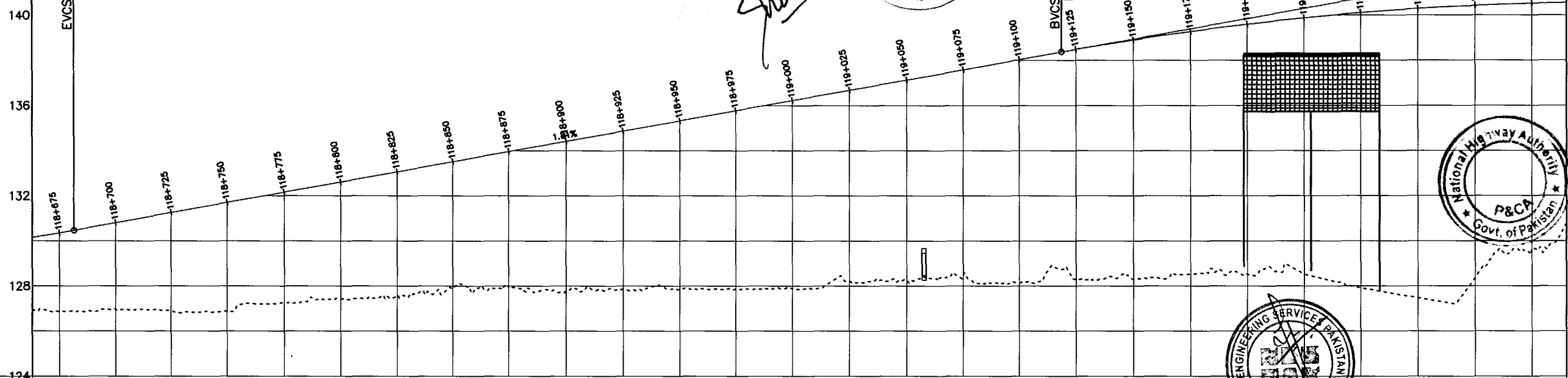
CAD FILE NAME:
 CAREC/T-III/TD/013

LOW PT ELEV: 423.04
 PM STA: 118+606.32
 PM ELEV: 129.12
 144K: 95.92
 LVC: 158.72

HIGH PT ELEV: 140.58
 PM STA: 119+343.69
 PM ELEV: 142.46
 K: 134.10
 LVC: 450.00



Signature

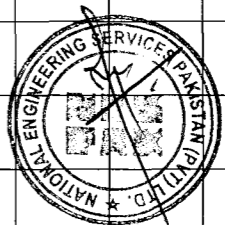
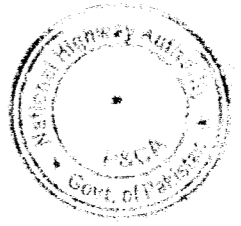
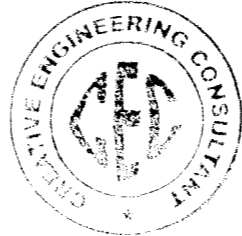
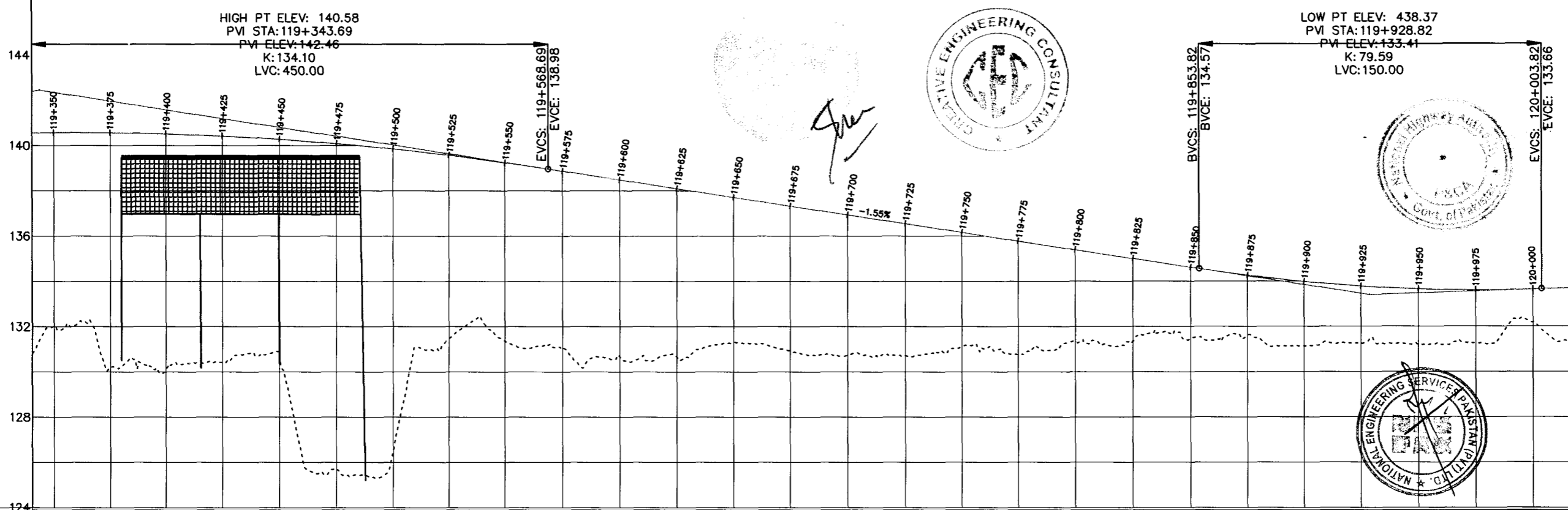
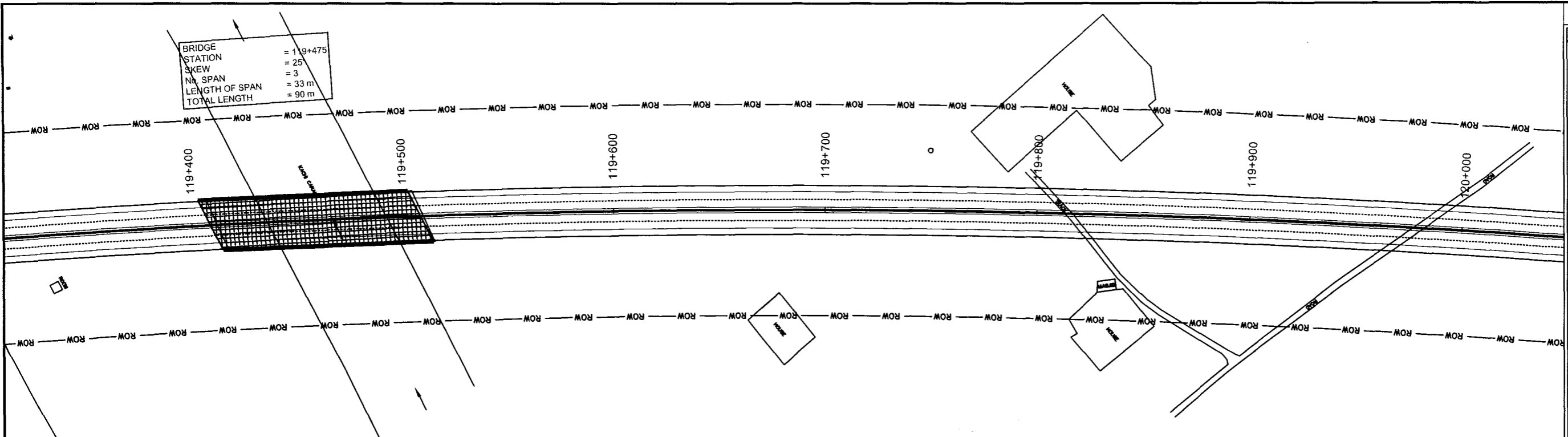


L=3717.28m

Grade (1.81%)
 Tangent Length (437.37)
 Chainage (119+118.69)
 Elevation (138.39)

Station	HCD	VCD	P.G.L	N.S.L	SH
118+663			130.159	126.855	118+663
118+675			130.361	126.865	118+675
118+700			130.811	126.957	118+700
118+725			131.263	126.895	118+725
118+750			131.715	126.864	118+750
118+775			132.168	127.259	118+775
118+800			132.620	127.432	118+800
118+825			133.072	127.546	118+825
118+850			133.524	127.900	118+850
118+875			133.977	127.918	118+875
118+900			134.429	127.793	118+900
118+925			134.881	127.855	118+925
118+950			135.333	127.855	118+950
118+975			135.786	127.879	118+975
119+000			136.238	127.894	119+000
119+025			136.690	128.215	119+025
119+050			137.143	128.253	119+050
119+075			137.595	128.479	119+075
119+100			138.047	128.147	119+100
119+125			138.498	128.277	119+125
119+150			138.915	128.302	119+150
119+175			139.286	128.529	119+175
119+200			139.610	128.517	119+200
119+225			139.887	128.521	119+225
119+250			140.118	127.920	119+250
119+275			140.302	127.475	119+275
119+300			140.440	128.372	119+300
119+325			140.531	129.652	119+325
119+340			140.563	136.786	119+340

BRIDGE
STATION = 119+475
SKEW = 25
No. SPAN = 3
LENGTH OF SPAN = 33 m
TOTAL LENGTH = 90 m



Station	CH	N.S.L	P.G.L	VCD	HCD
119+340	130.786	140.563			
119+350	132.017	140.575			
119+375	130.220	140.573			
119+400	130.112	140.524			
119+425	130.431	140.428			
119+450	130.657	140.286			
119+475	125.660	140.098			
119+500	126.512	139.862			
119+525	131.472	139.580			
119+550	131.362	139.252			
119+575	131.062	138.878			
119+600	130.667	138.492			
119+625	130.640	138.105			
119+650	131.290	137.718			
119+675	130.926	137.332			
119+700	130.728	136.945			
119+725	130.702	136.558			
119+750	131.115	136.172			
119+775	130.761	135.785			
119+800	131.336	135.399			
119+825	131.353	135.012			
119+850	131.467	134.625			
119+875	131.594	134.267			
119+900	131.133	133.986			
119+925	131.265	133.784			
119+950	131.213	133.660			
119+975	131.243	133.614			
120+000	132.192	133.648			
120+018	131.323	133.707			

Grade (-1.55%)
Tangent Length (285.14)
Chainage (119+853.82)
Elevation (134.57)

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-2 (Km 57+500 TO Km 121+500)

CLIENT:
NHA NATIONAL HIGHWAYS AUTHORITY (NHA)

CONSULTANTS:

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

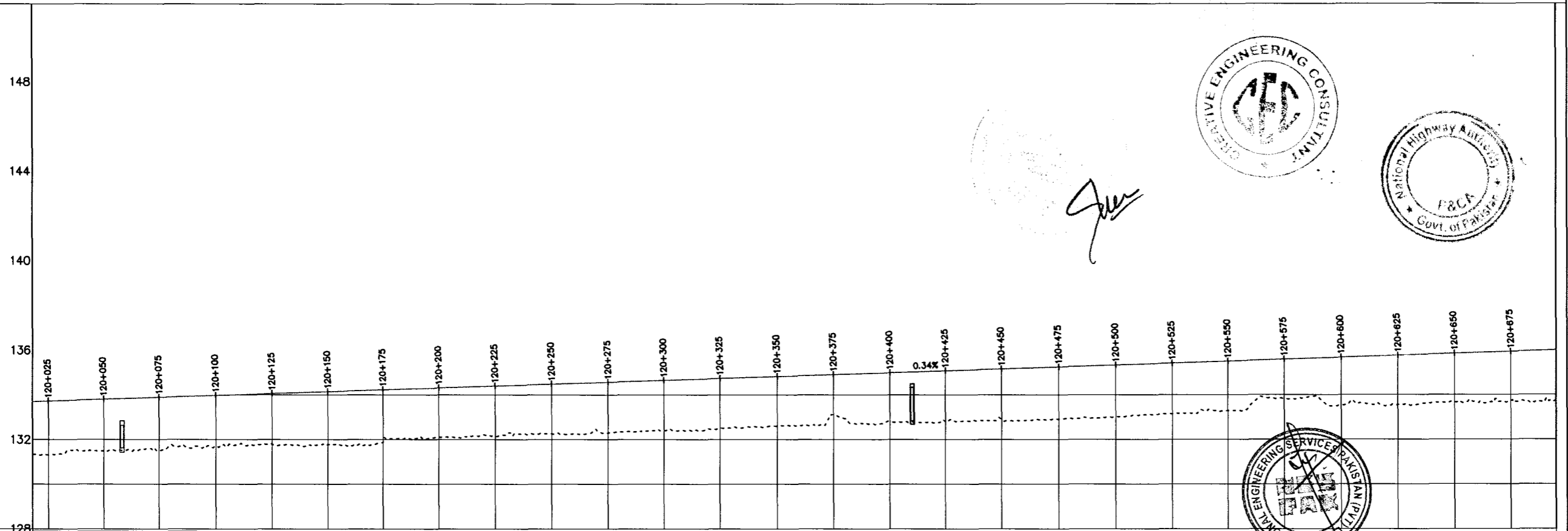
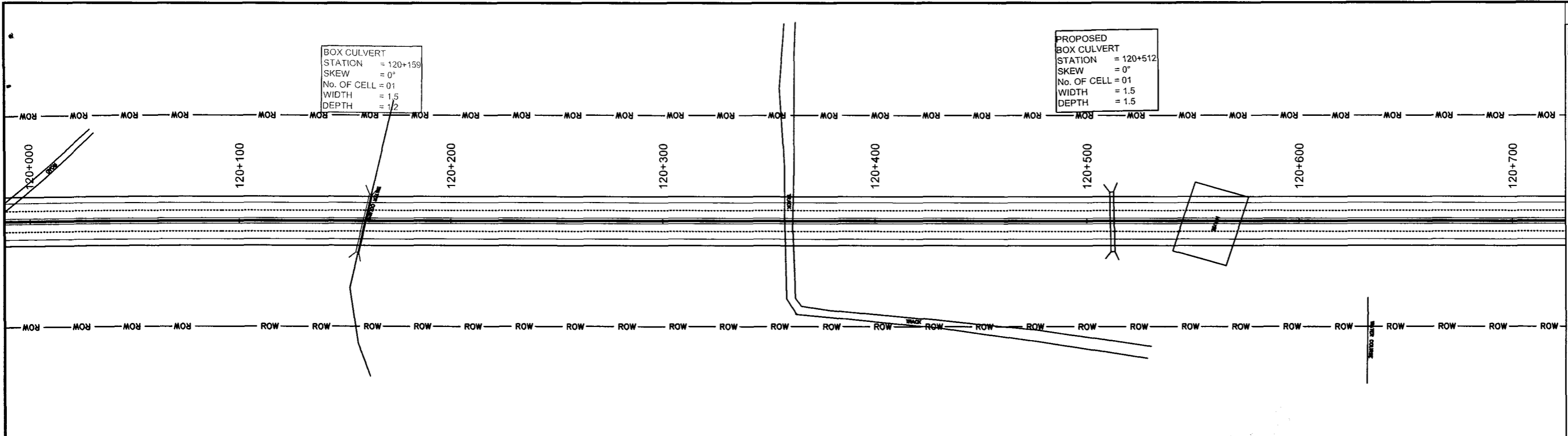
DRAWING TITLE:
PLAN & PROFILE
119+340.42 - 120+017.85

DESIGN BY:	SHEET NO:
A.S	95 OF 98
DRAWN BY:	SCALE:
S.A	H = 1:2000 V = 1:100
CHECKED BY:	DATE:
A.S	APRIL, 2024
APPROVED BY:	REVISION:

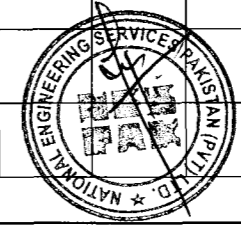
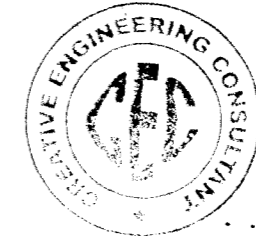
CAD FILE NAME:
CAREC/T-III/TD/013

BOX CULVERT
 STATION = 120+159
 SKEW = 0°
 No. OF CELL = 01
 WIDTH = 1.5
 DEPTH = 1.2

PROPOSED
 BOX CULVERT
 STATION = 120+512
 SKEW = 0°
 No. OF CELL = 01
 WIDTH = 1.5
 DEPTH = 1.5



HCD	L=3717.28m R=5000.00m		L=1458.55m																									
VCD	Grade (0.34%) Tangent Length (824.52) Chainage (120+828.34) Elevation (136.45)																											
P.G.L	120+018	120+025	120+050	120+075	120+100	120+125	120+150	120+175	120+200	120+225	120+250	120+275	120+300	120+325	120+350	120+375	120+400	120+425	120+450	120+475	120+500	120+525	120+550	120+575	120+600	120+625	120+650	120+675
N.S.L	131.323	131.316	131.492	131.539	131.722	131.792	131.770	131.903	132.109	132.141	132.258	132.296	132.402	132.514	132.608	133.103	132.797	132.796	132.867	132.911	133.008	133.136	133.291	133.820	133.533	133.572	133.667	133.729
SH	133.767	133.731	133.816	133.900	133.985	134.069	134.154	134.238	134.323	134.407	134.492	134.576	134.661	134.745	134.830	134.915	134.999	135.084	135.168	135.253	135.337	135.422	135.506	135.591	135.675	135.760	135.844	135.929



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-2
 (Km 57+500 TO Km 121+500)

CLIENT:
 NATIONAL HIGHWAYS AUTHORITY (NHA)

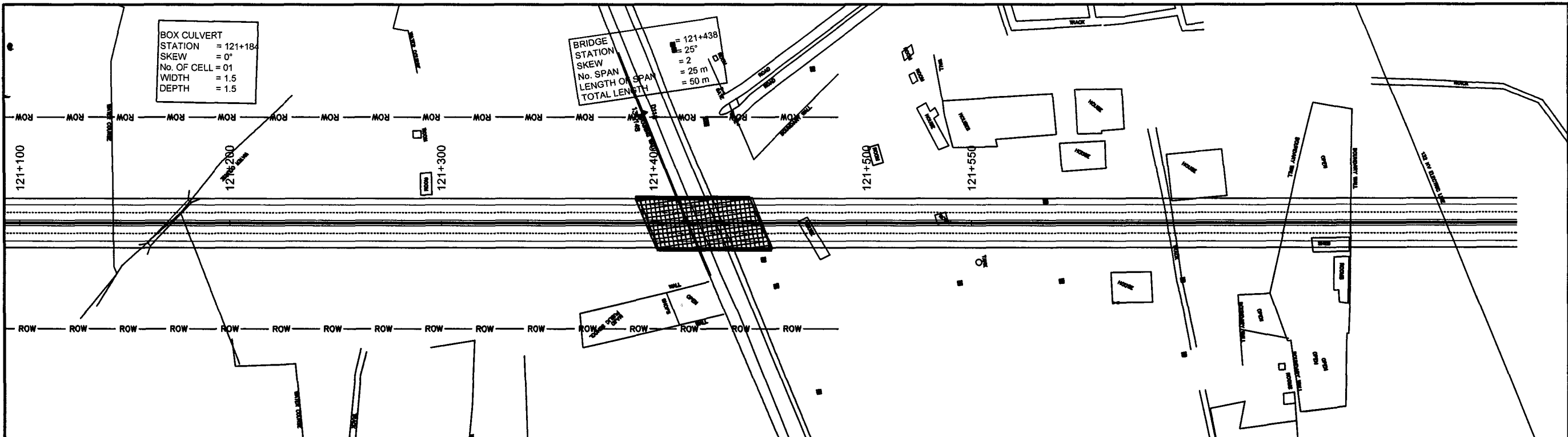
CONSULTANTS:

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

DRAWING TITLE:
 PLAN & PROFILE
 120+017.85 - 120+695.27

DESIGN BY: A.S	SHEET NO: 96 OF 98
DRAWN BY: S.A	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024
APPROVED BY:	REVISION:

CAD FILE NAME:
 CAREC/T-III/TD/013



BOX CULVERT
 STATION = 121+184
 SKEW = 0°
 No. OF CELL = 01
 WIDTH = 1.5
 DEPTH = 1.5

BRIDGE
 STATION = 121+438
 SKEW = 25°
 No. SPAN = 2
 LENGTH OF SPAN = 25 m
 TOTAL LENGTH = 50 m

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-2
 (Km 57+500 TO Km 121+500)

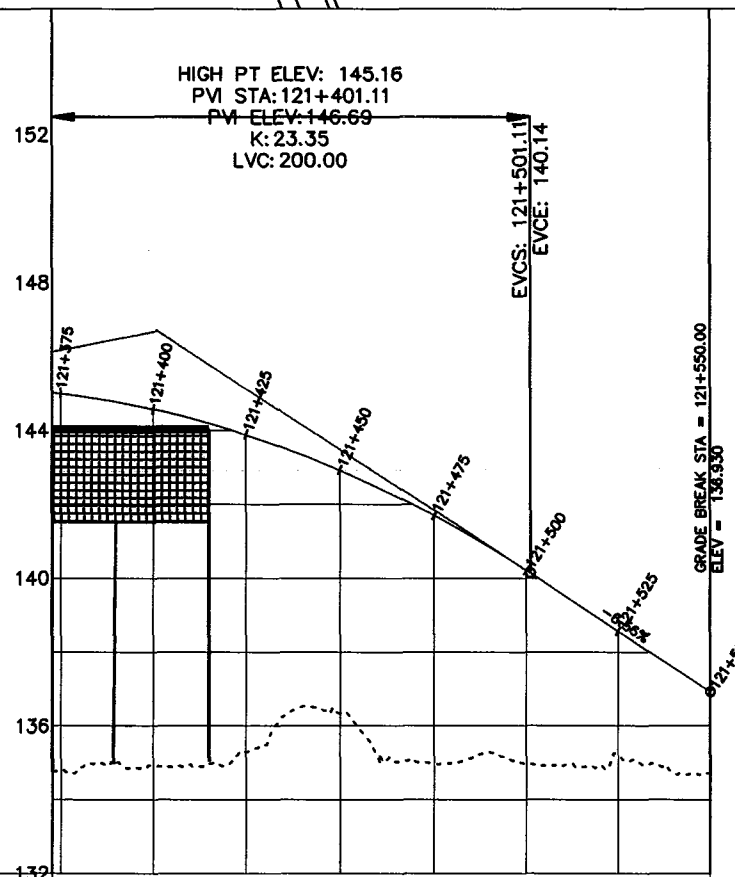
CLIENT:
 NATIONAL HIGHWAYS
 AUTHORITY (NHA)

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

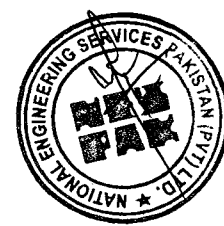
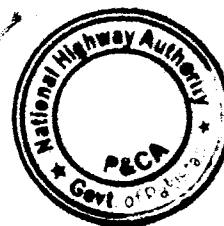
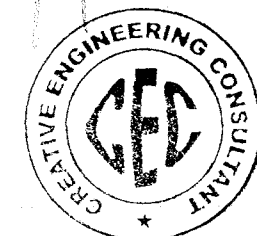
DRAWING TITLE:
 PLAN & PROFILE
 121+372.69 - 121+550.00

DESIGN BY: A.S	SHEET NO: 98 OF 98
DRAWN BY: S.A	SCALE: H = 1:2000 V = 1:100
CHECKED BY: A.S	DATE: APRIL, 2024
APPROVED BY:	REVISION:

CAD FILE NAME:
 CAREC/T-III/TD/013



HCD	L=1458.55m						
VCD	Grade (-6.56%) Tangent Length (48.89) Chainage (121+550.00) Elevation (136.93)						
P.G.L	121+375	121+400	121+425	121+450	121+475	121+500	121+525
N.S.L	134.788	134.905	135.298	136.358	134.980	134.977	135.227
CH	121+375	121+400	121+425	121+450	121+475	121+500	121+525



Signature