

Bangladesh Water Development Board

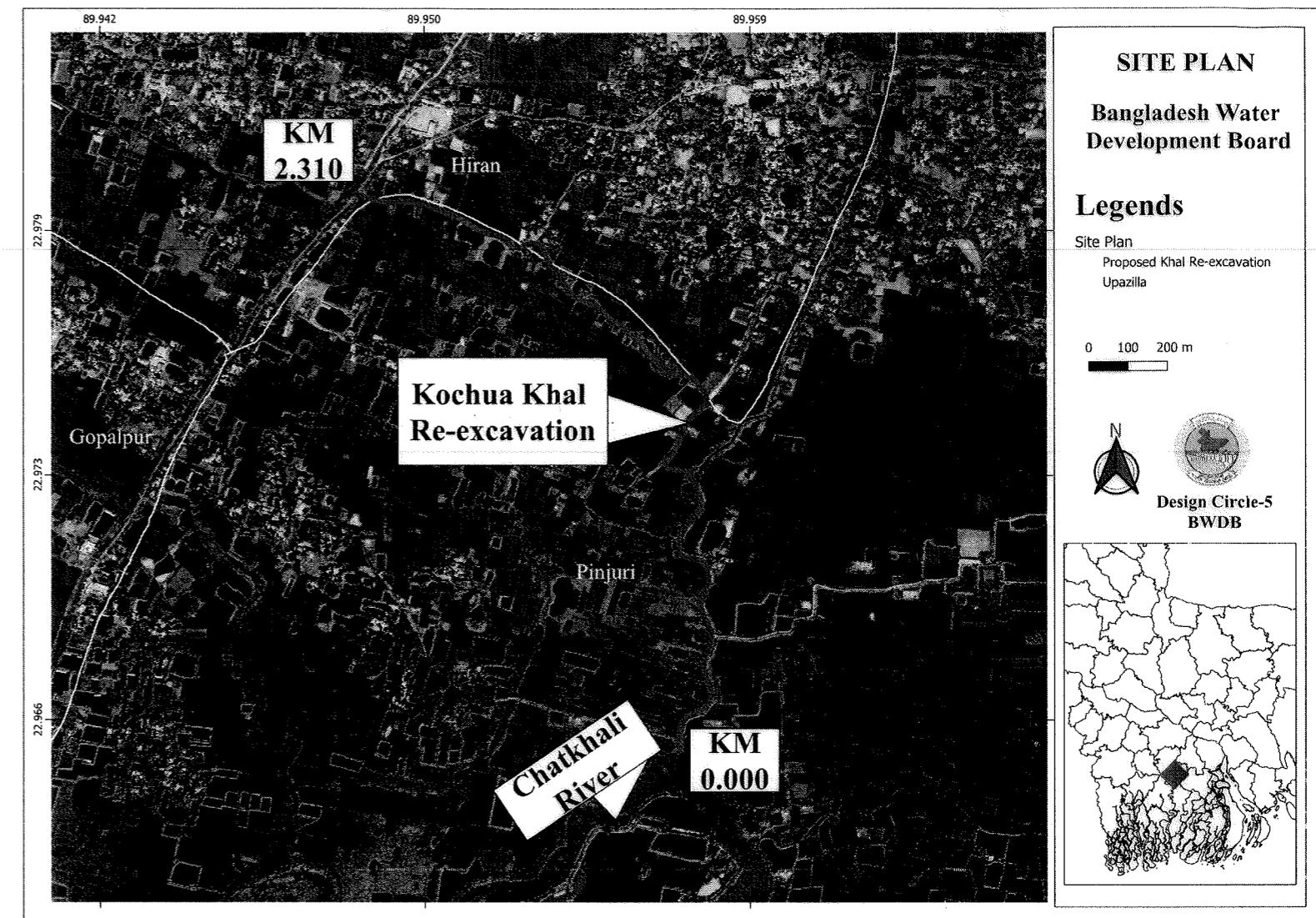
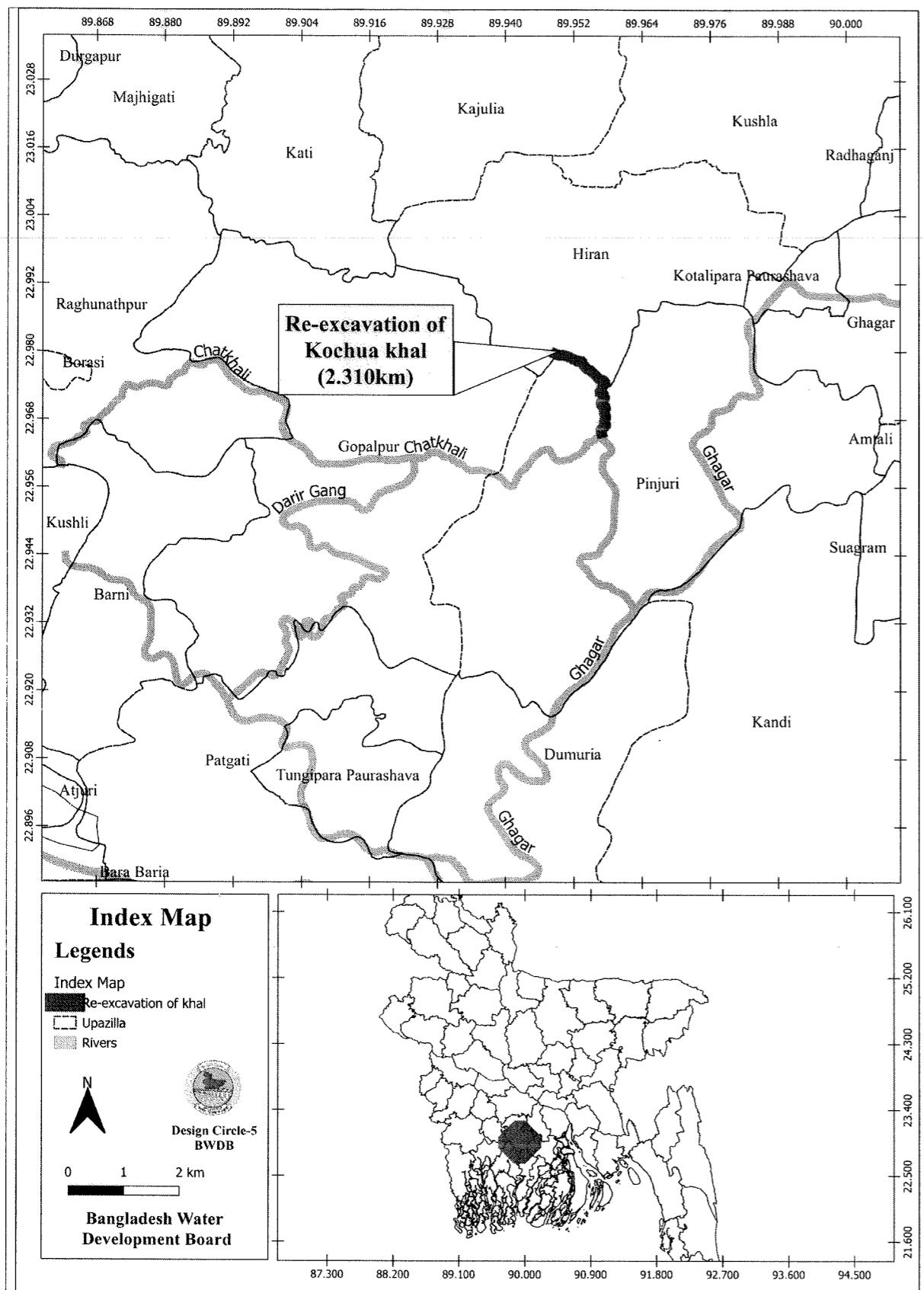
CRISP-WRM

Re-excavation of Kochua khal from km. 0.000 to km. 2.310 in polder -2 in c/w Tarail-Pachuria Sub-Project under CRISP-WRM under Specialized Division. BWDB, Gopalganj during the year 2024-2025

SMO, IDWRM-KT

Designed by:Design Circle-5,BWDB,Dhaka

February,2025



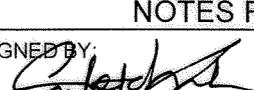
Bangladesh Water Development Board	
Office of The Superintending Engineer, Design Circle-5	
CRISP-WRM	
Re-excavation of Kochua khal from km. 0.000 to km. 2.310 in polder -2 in c/w Tarail-Pachuria Sub-Project under CRISP-WRM under Specialized Division. BWDB, Gopalganj during the year 2024-2025	
INDEX MAP & SITE MAP FOR KOCHUA KHAL	
DESIGNED BY: 04.02.25 (MD. MOSTAFA KAMAL),AE	APPROVED BY: 04.02.25 (JAKARIA PERVEZ),SE
CHECKED AND RECOMMENDED BY: (MD. KAMRUL HASAN),EE	
Date: 04/02/2025	Drawing No: DC5-5784-01/14

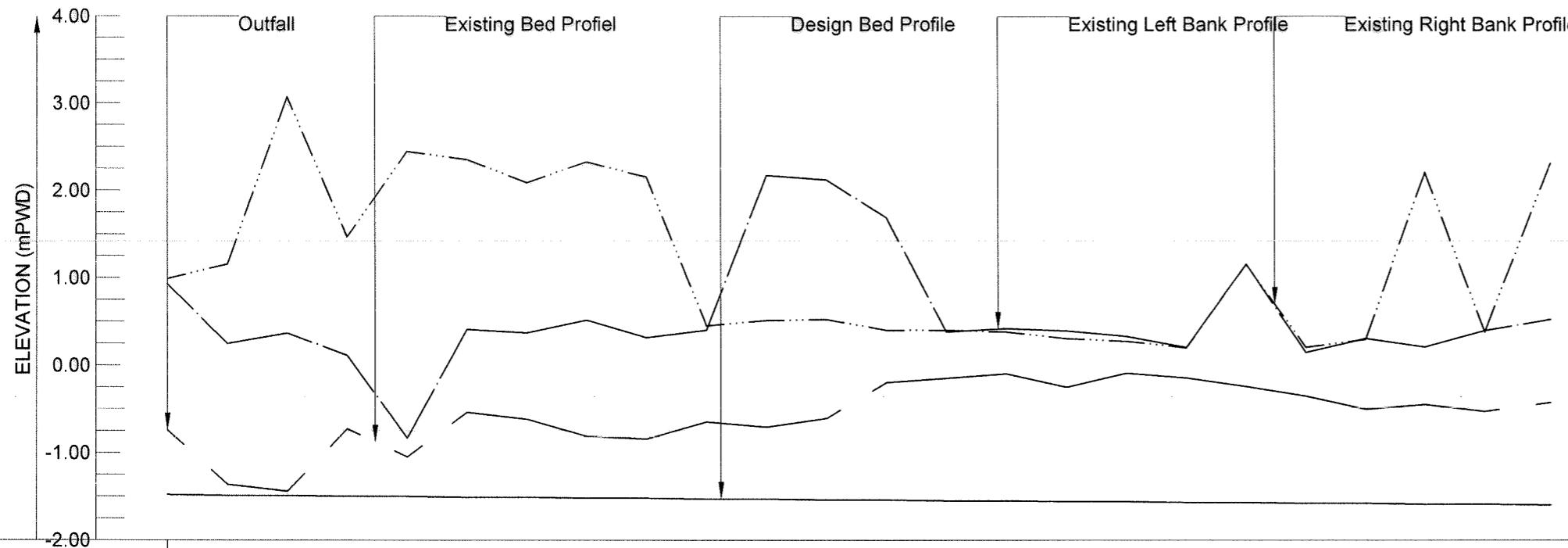
Administrative Notes :

1. FOR ANY ERROR, OMISSION OR CONFUSION PLEASE REFER TO THIS OFFICE AS QUICK AS POSSIBLE FOR FURTHER NECESSARY ACTION
2. WORK SHALL BE EXECUTED AFTER ADMINISTRATIVE AND FINANCIAL APPROVAL AND TECHNICAL SANCTION FROM THE COMPETENT AUTHORITY AND WITHIN THE DPP / BUDGET PROVISION.
3. ALL DIMENSIONS AND ELEVATIONS ARE IN MILLIMETER AND METER(PWD) RESPECTIVELY UNLESS OTHERWISE MENTIONED IN THE DRAWING.
4. ALL MATERIALS AND WORK MUST CONFIRM WITH BWDB TECHNICAL SPECIFICATION.
5. NECESSARY LAND (IF REQUIRED) SHALL BE ARRANGED BY THE FIELD OFFICE FOR RE-EXCAVATION & CONSTRUCTION OF DYKE (IF REQUIRED).
6. THE RE-EXCAVATION OF THE KHAL SHALL START FROM DOWNSTREAM SIDE.
7. A SMOOTH TRANSITION SHALL BE PROVIDED BETWEEN THE EXCAVATED SECTION OF THE KHAL AND THE EXISTING SECTION.
8. A SMOOTH TRANSITION 1:100 SHALL BE PROVIDED AT THE POINT WHERE DESIGN BED WIDTH OR BED LEVEL CHANGES.
9. A SMOOTH TRANSITION AT A SLOPE OF 1:100 SHALL BE KEPT BETWEEN APRON LEVEL OF CONNECTING STRUCTURE (IF ANY) TO DESIGN BED LEVEL OF KHAL.
10. THE RE-EXCAVATION WORK SHALL BE DONE IN THE DRY SEASON WHEN WATER LEVEL IS AT OR NEAR LOW WATER LEVEL
11. NO FILLING SHALL BE DONE WHERE THE EXISTING BED LEVEL OF THE KHAL IS LOWER THAN THE DESIGN BED LEVEL AND EXISTING SIDE SLOPE IS FLATTER THAN DESIGN SECTION.
12. ANY OUTFALL/OFFTAKE RIVER/KHAL WHICH IS CONNECTED WITH THE PROPOSED KHAL SHALL BE KEPT OPEN.
13. TYPICAL DESIGN SECTIONS ARE PROVIDED IN THIS DESIGN FOR RE-EXCAVATION. CROSS SECTIONS AT AN INTERVAL NOT MORE THAN 150.00M TO BE TAKEN BY THE FIELD OFFICE FOR THE ESTIMATION OF ACTUAL VOLUME OF EARTH CUTTING.
14. EXCAVATED EARTH TO BE COLLECTED FROM RIVER CAREFULLY CONSIDERING NO ADVERSE EFFECT ON CHANNEL FLOW AND BANK EROSION.
15. ANY PROPOSED BOX CULVERT /BRIDGE OVER THIS KHAL WILL BE DESIGNED CONSIDERING DESIGN SECTIONS OF THIS KHAL

SPECIAL NOTES :

1. THIS REVISED DRAWING HAS BEEN PREPARED AS PER PROPOSAL AND DESIGN DATA SUBMITTED BY PD,CRISP-WRM HIS OFFICE MEMO NO-PMO/190; DATE: 11/11/2024
2. THIS RE-REEXCAVATION WORK HAS ALSO BEEN DESIGNED CONSIDERING THE WATER RESERVOIR AS WELL AS FOR IRRIGATION PURPOSE.
3. IF THE EXISTING BED LEVEL OF THE OUTFALL (RIVER / KHAL) IS HIGHER THAN DESIGN BED LEVEL OF THIS KHAL, RE-EXCAVATION OF THIS KHAL MUST BE DONE IN PARALLEL/ AFTER THE RE-EXCAVATION OF ITS OUTFALL RIVER / KHAL AS PER APPROVED DESIGN.
4. IF THERE EXISTS ANY STRUCTURE (REGULATOR, BOX CULVERT ETC.) OTHER THAN BRIDGE WITHIN THE PROPOSED LENGTH OF THE KHAL, RE-EXCAVATION WORK IS PROHIBITED THROGHOUT THE LENGTH OF THAT STRUCTURE.
5. DESIGN BED LEVEL OF THE KHAL SHALL NOT BE BELOW THE FOUNDATION TOP LEVEL OF THE EXISTING STRUCTURES (IF ANY) IN THE KHAL. IF THE DESIGN BED LEVEL IS BELOW THE FOUNDATION TOP LEVEL THEN THE DIFFERENCE BETWEEN THESE LEVELS SHALL BE MATCHED IN A SLOPE 1:100, OR A DISTANCE OF 100 M, WHICHEVER IS HEIGHER (U/S AND D/S OF THE STRUCTURE), (OR AS SHOWN IN THE DRAWING).
6. DESIGN BED LEVEL & BED WIDTH OF THIS KHAL HAVE BEEN FIXED CONSIDERING THE BED LEVEL & BED WIDTH OF EXISTING KHAL/ FLOOR LEVEL OF EXISTING HYDRAULIC STRUCTURE.
7. ALL SAFETY PRECAUTION MUST BE TAKEN DURING EXECUTION OF WORK.

Bangladesh Water Development Board	
Office of The Superintending Engineer,Design Circle-5	
CRISP-WRM	
Re-excavation of Kochua khal from km. 0.000 to km. 2.310 in polder -2 in c/w Tarail-Pachuria Sub-Project under CRISP-WRM under Specialized Division. BWDB, Gopalganj during the year 2024-2025	
NOTES FOR KOCHUA KHAL	
DESIGNED BY:  (MD. MOSTAFA KAMAL),AE	APPROVED BY:  (JAKARIA PERVEZ),SE
CHECKED AND RECOMMENDED BY:  (MD. KAMRUL HASAN),EE	
Date:04/02/2025	Drawing No:DC5-5784-02/14



Design Bed Width(m)	Design Bed Level (mPWD)	Existing Bed Level (mPWD)	Existing Left Bank Level (mPWD)	Existing Right Bank Level (mPWD)	Distance(Km)
0.000	0.929	0.989	(-)0.741	(-)1.480	
0.100	0.246	1.156	(-)1.364	(-)1.490	
0.200	0.368	3.073	(-)1.442		
0.300	0.111	1.466	(-)0.729	(-)1.500	
0.400	(-)0.834	2.446	(-)1.050		
0.500	0.409	2.355	(-)0.540	(-)1.510	
0.600	0.370	2.090	(-)0.620		
0.700	0.516	2.326	(-)0.814	(-)1.520	
0.800	0.314	2.154	(-)0.846		
0.900	0.401	0.452	(-)0.648	(-)1.530	
1.000	2.174	0.513	(-)0.707		
1.100	2.123	0.523	(-)0.607	(-)1.540	
1.200	1.692	0.402	(-)0.198		
1.300	0.382	(-)0.148	(-)1.550		
1.400	0.422	0.382	(-)0.098		
1.500	0.393	0.303	(-)0.252	(-)1.560	
1.600	0.328	0.272	(-)0.092		
1.700	0.204	0.199	(-)0.145	(-)1.570	
1.800	1.157	1.155	(-)0.245		
1.900	0.145	0.206	(-)0.352	(-)1.580	
2.000	0.306	0.295	(-)0.504		
2.100	0.209	2.209	(-)0.451	(-)1.590	
2.200	0.394	0.379	(-)0.531		
2.310	0.523	2.313	(-)0.427	(-)1.600	

LONG SECTION OF KOCHUA KHAL APPLICABLE FROM KM 0.000 TO KM 2.310

Bangladesh Water Development Board

Office of The Superintending Engineer, Design Circle-5

CRISP-WRM

Re-excavation of Kochua khal from km. 0.000 to km. 2.310 in polder -2
in c/w Tarail-Pachuria Sub-Project under CRISP-WRM under
Specialized Division, BWDB, Gopalganj during the year 2024-2025

LONG SECTION OF KOCHUA KHAL

DESIGNED BY:

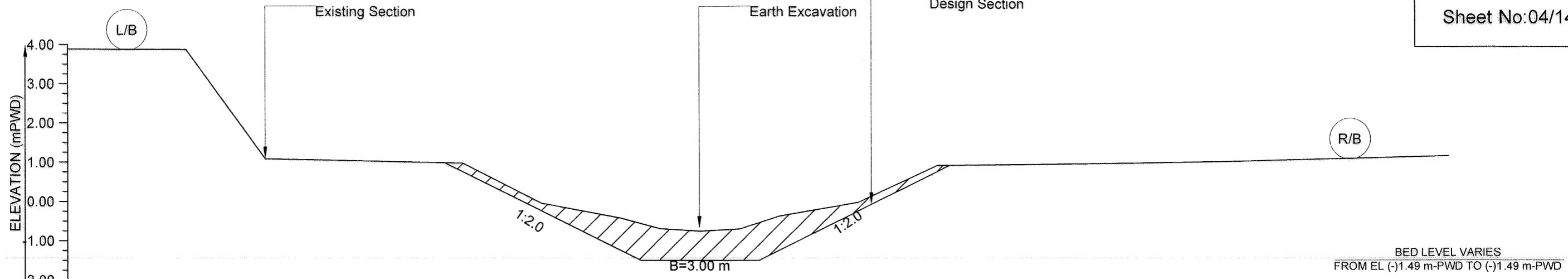
04.02.25
(MD. MOSTATAF A KAMAL),AE

APPROVED BY:

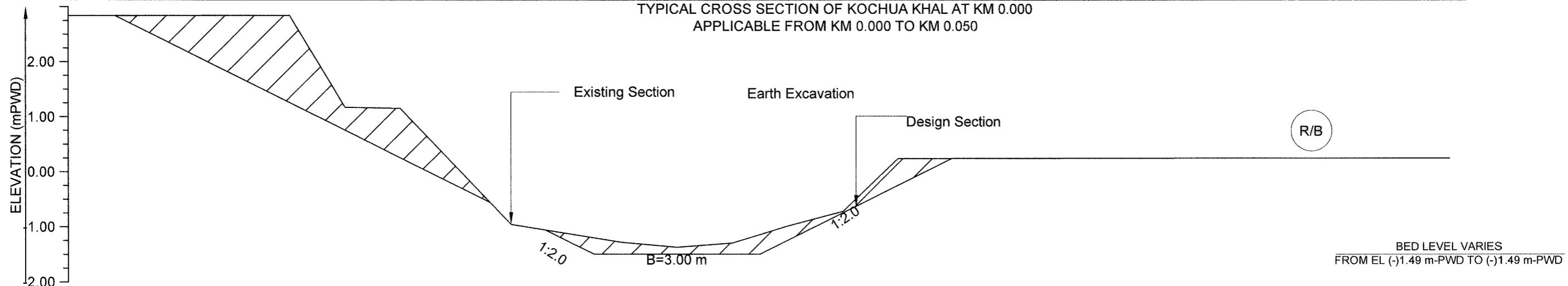
04.02.25
(JAKARIA PERVEZ),SE

CHECKED AND RECOMMENDED BY:

(MD. KAMRUL HASAN),EE



Design Bed Level in (mPWD)	
Existing Bed Level in (mPWD)	
Distance(m)	3.00



Design Bed Level in (mPWD)	
Existing Bed Level in (mPWD)	
Distance(m)	0.000

TYPICAL CROSS SECTION OF KOCHUA KHAL AT KM 0.100
APPLICABLE FROM KM 0.050 TO KM 0.150

Bangladesh Water Development Board

Office of The Superintending Engineer, Design Circle-5

CRISP-WRM

Re-excavation of Kochua khal from km. 0.000 to km. 2.310 in polder -2
in c/w Tarail-Pachuria Sub-Project under CRISP-WRM under
Specialized Division, BWDB, Gopalganj during the year 2024-2025

TYPICAL CROSS SECTION OF KOCHUA KHAL

DESIGNED BY:

09.02.25
(MD. MOSTAFA KAMAL), AE

APPROVED BY:

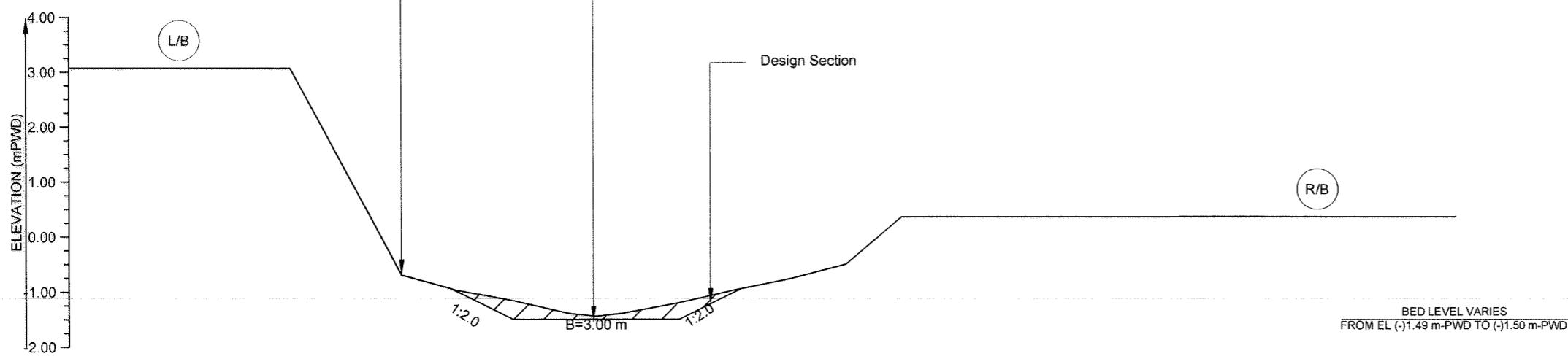
09.02.25
(JAKARIA PERVEZ), SE

CHECKED AND RECOMMENDED BY:

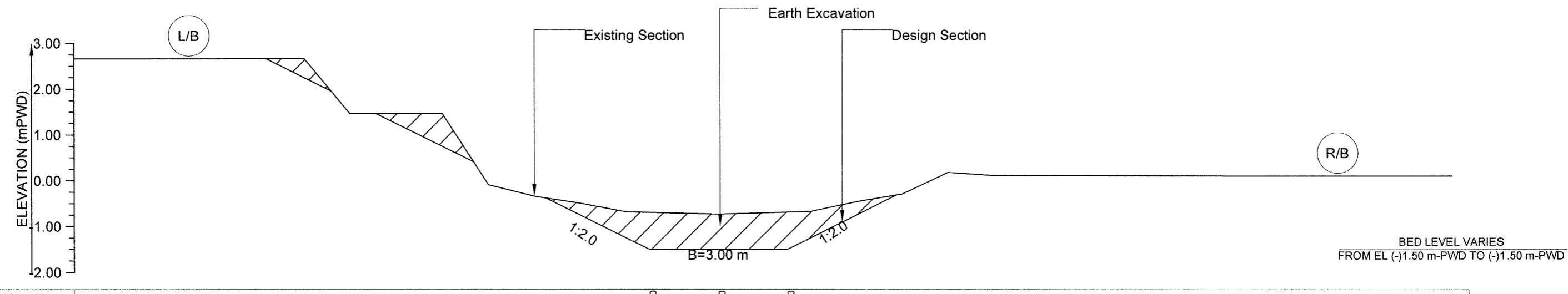
ACM
(MD. KAMRUL HASAN), EE

Date: 04/02/2025

Drawing No: DC5-5784-04/14



TYPICAL CROSS SECTION OF KOCHUA KHAL AT KM 0.200
APPLICABLE FROM KM 0.150 TO KM 0.250



TYPICAL CROSS SECTION OF KOCHUA KHAL AT KM 0.300
APPLICABLE FROM KM 0.250 TO KM 0.350

Bangladesh Water Development Board

Office of The Superintending Engineer, Design Circle-5

CRISP-WRM

Re-excavation of Kochua khal from km. 0.000 to km. 2.310 in polder -2 in c/w Tarail-Pachuria Sub-Project under CRISP-WRM under Specialized Division. BWDB, Gopalganj during the year 2024-2025

TYPICAL CROSS SECTION OF KOCHUA KHAL

DESIGNED BY:

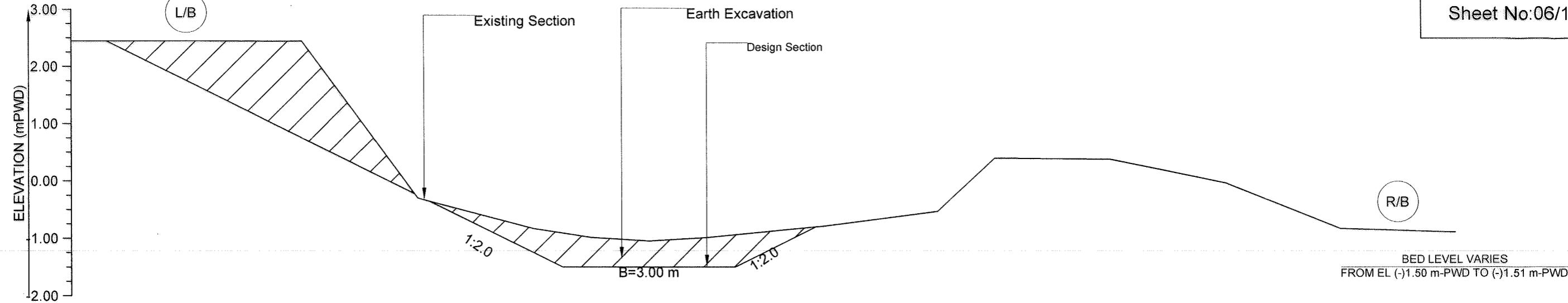
09.02.25
(MD. MOSTAFA KAMAL),AE

APPROVED BY:

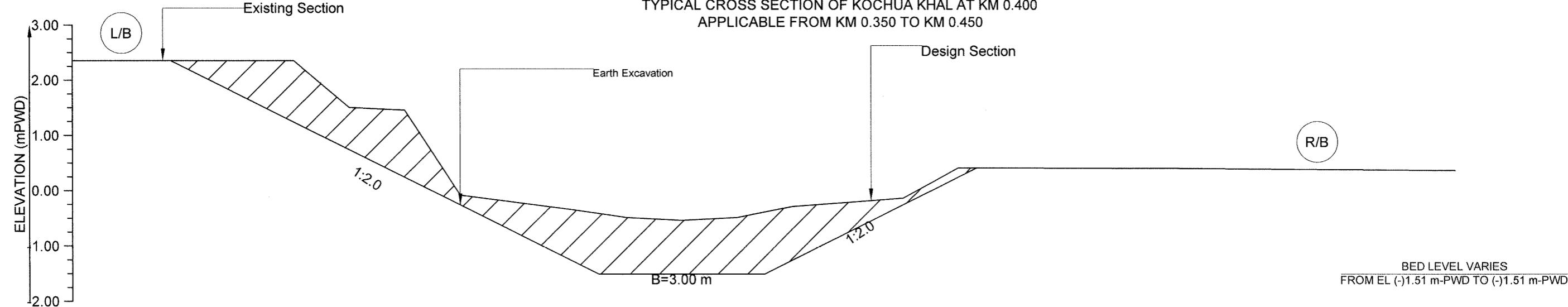
09.02.25
(JAKARIA PERVEZ),SE

CHECKED AND RECOMMENDED BY:

(MD. KAMRUL HASAN),EE



Design Bed Level in (mPWD)	
Existing Bed Level in (mPWD)	2.441
Distance(m)	0.000
4.000	2.446
6.000	(-)0.299 (-)0.355
7.355	(-)0.662
8.000	(-)0.834 (-)0.912 (-)1.500
8.500	(-)0.989
9.000	(-)1.000 (-)1.050 (-)1.500
11.000	(-)0.990 (-)1.500 (-)0.941 (-)1.500
12.194	(-)0.874 (-)1.294 (-)0.806
12.888	(-)0.806
15.000	(-)0.534
16.000	0.396
18.000	0.381
20.000	(-)0.034
22.000	
24.000	(-)0.895



Design Bed Level in (mPWD)	
Existing Bed Level in (mPWD)	2.352
Distance(m)	0.000
1.773	2.353
4.000	2.355
5.000	1.504
5.637	1.473
6.000	1.455
7.000	(-)0.085
9.000	(-)0.345 (-)0.417 (-)1.510
9.500	(-)0.488
10.000	(-)0.540 (-)0.540 (-)1.510
11.000	(-)0.540 (-)0.490 (-)1.510
12.000	(-)0.490
12.500	(-)0.391 (-)1.510
13.000	(-)0.291
14.418	(-)0.184
15.000	(-)0.140
16.000	0.409
16.36	0.408
20.000	0.400
26.000	0.360

TYPICAL CROSS SECTION OF KOCHUA KHAL AT KM 0.400
APPLICABLE FROM KM 0.350 TO KM 0.450

Bangladesh Water Development Board

Office of The Superintending Engineer, Design Circle-5

CRISP-WRM

Re-excavation of Kochua khal from km. 0.000 to km. 2.310 in polder -2
in c/w Tarail-Pachuria Sub-Project under CRISP-WRM under
Specialized Division, BWDB, Gopalganj during the year 2024-2025

TYPICAL CROSS SECTION OF KOCHUA KHAL

DESIGNED BY:

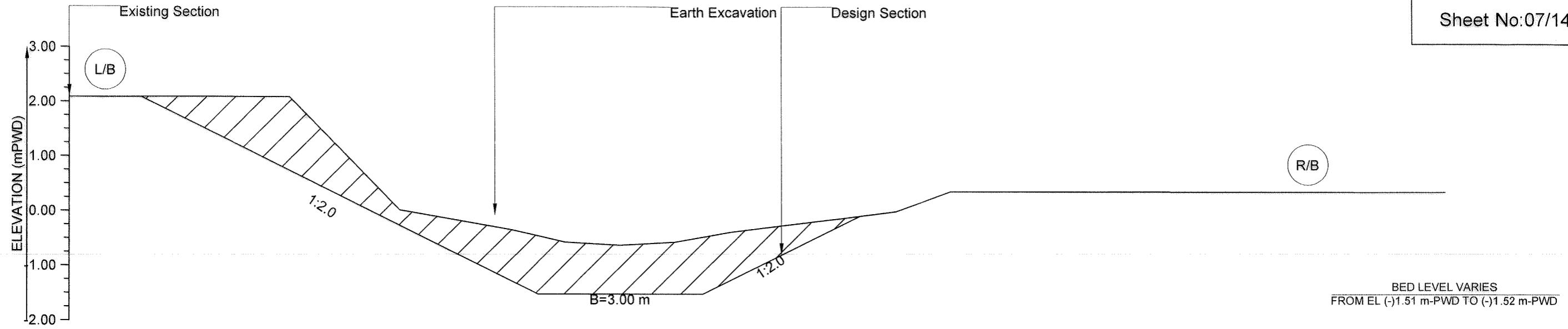
(MD. MOSTAFA KAMAL), AE
04.02.25

APPROVED BY:

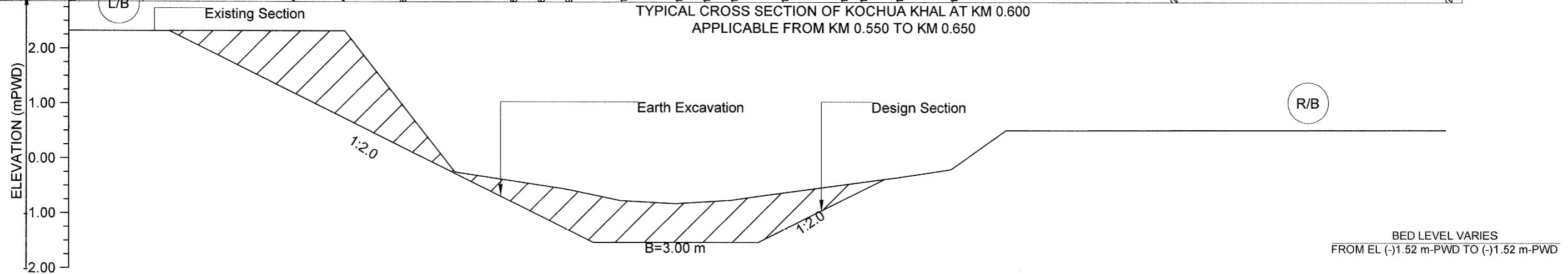
(JAKARIA PERVEZ), SE
04.02.25

CHECKED AND RECOMMENDED BY:

(MD. KAMRUL HASAN), EE



Design Bed Level in (mPWD)	2.085
Existing Bed Level in (mPWD)	2.087
Distance(m)	0.000
L/B	1.307
Existing Section	4.000
	2.090
	1.155
	4.903
	6.000
	0.020
	8.000 (-0.331)
	9.000 (-0.562)
	10.000 (-0.620)
	11.000 (-0.561)
	11.500 (-0.471)
	12.000 (-0.380)
	12.925 (-0.265)
	14.000 (-0.131)
	14.350 (-0.085)
	15.000 0.000
	16.000 0.370
R/B	20.000 0.365
	25.000 0.355



Design Bed Level in (mPWD)	2.321
Existing Bed Level in (mPWD)	2.323
Distance(m)	0.000
L/B	1.814
Existing Section	5.000
	2.326
	5.657
	1.481
	7.000 (-0.245)
	9.000 (-0.550)
	9.500 (-0.855)
	10.000 (-0.759)
	11.000 (-0.814)
	12.000 (-0.754)
	12.500 (-0.684)
	13.000 (-0.614)
	13.647 (-0.527)
	14.795 (-0.373)
	15.000 (-0.345)
	16.000 (-0.194)
	17.000 0.516
R/B	20.000 0.525
	25.000 0.531

TYPICAL CROSS SECTION OF KOCHUA KHAL AT KM 0.700
APPLICABLE FROM KM 0.650 TO KM 0.750

Bangladesh Water Development Board

Office of The Superintending Engineer, Design Circle-5

CRISP-WRM

Re-excavation of Kochua khal from km. 0.000 to km. 2.310 in polder -2 in c/w Tarail-Pachuria Sub-Project under CRISP-WRM under Specialized Division. BWDB, Gopalganj during the year 2024-2025

TYPICAL CROSS SECTION OF KOCHUA KHAL

DESIGNED BY:

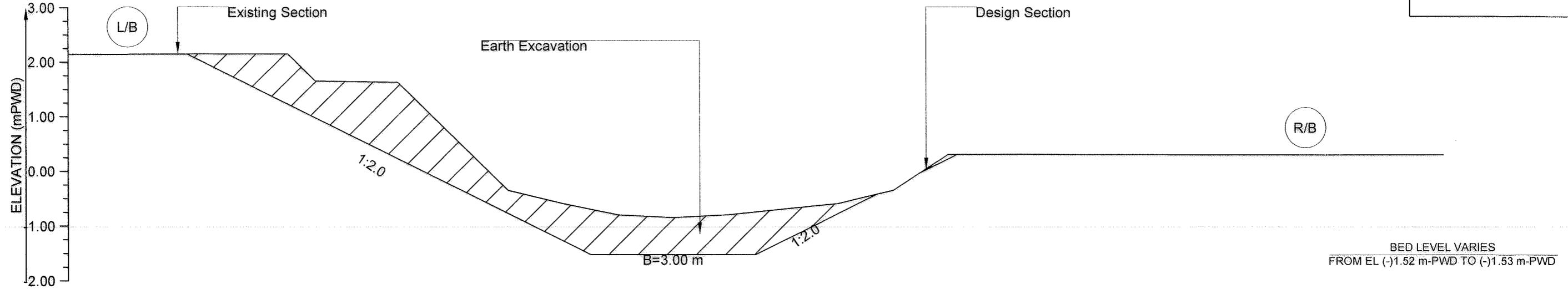
04.02.25
(MD. MOSTAFA KAMAL),AE

APPROVED BY:

04.02.25
(JAKARIA PERVEZ),SE

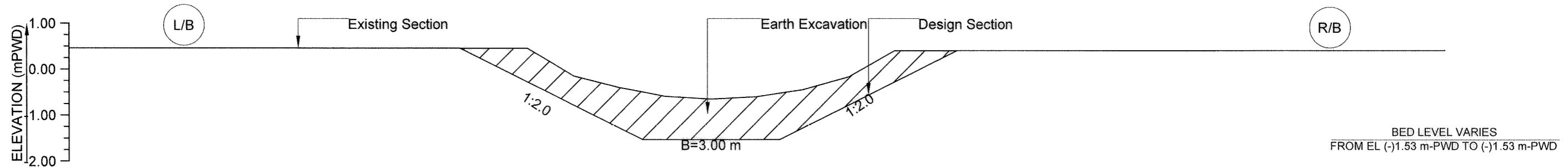
CHECKED AND RECOMMENDED BY:

(MD. KAMRUL HASAN),EE



Design Bed Level in (mPWD)	
Existing Bed Level in (mPWD)	2.144
Distance(m)	0.000
2.161	2.149
4.000	2.154
4.500	1.654
5.831	1.632
6.000	1.629
8.000	(-)0.346
9.000	(-)0.591
9.500	(-)0.694(-)1.520
10.000	(-)0.797
11.000	(-)0.846(-)1.520
12.000	(-)0.794
12.500	(-)0.742(-)1.520
13.604	(-)0.627
14.000	(-)0.586
14.708	(-)0.416
15.000	(-)0.314
16.000	0.309
20.000	0.304
25.000	0.304

TYPICAL CROSS SECTION OF KOCHUA KHAL AT KM 0.800
APPLICABLE FROM KM 0.750 TO KM 0.850



Design Bed Level in (mPWD)	
Existing Bed Level in (mPWD)	0.462
Distance(m)	0.000
5.000	0.459
8.552	0.454
10.000	0.452
10.516	0.142
11.000	(-)0.148
12.000	(-)0.399
12.500	(-)0.496(-)1.530
13.000	(-)0.593
14.000	(-)0.648(-)1.530
15.000	(-)0.598
15.500	(-)0.523(-)1.530
16.000	(-)0.448
17.000	(-)0.168
17.432	0.078
18.000	0.401
19.364	0.402
25.000	0.407
30.000	0.412

TYPICAL CROSS SECTION OF KOCHUA KHAL AT KM 0.900
APPLICABLE FROM KM 0.850 TO KM 0.950

Bangladesh Water Development Board

Office of The Superintending Engineer, Design Circle-5

CRISP-WRM

Re-excavation of Kochua khal from km. 0.000 to km. 2.310 in polder -2 in c/w Tarail-Pachuria Sub-Project under CRISP-WRM under Specialized Division, BWDB, Gopalganj during the year 2024-2025

TYPICAL CROSS SECTION OF KOCHUA KHAL

DESIGNED BY:

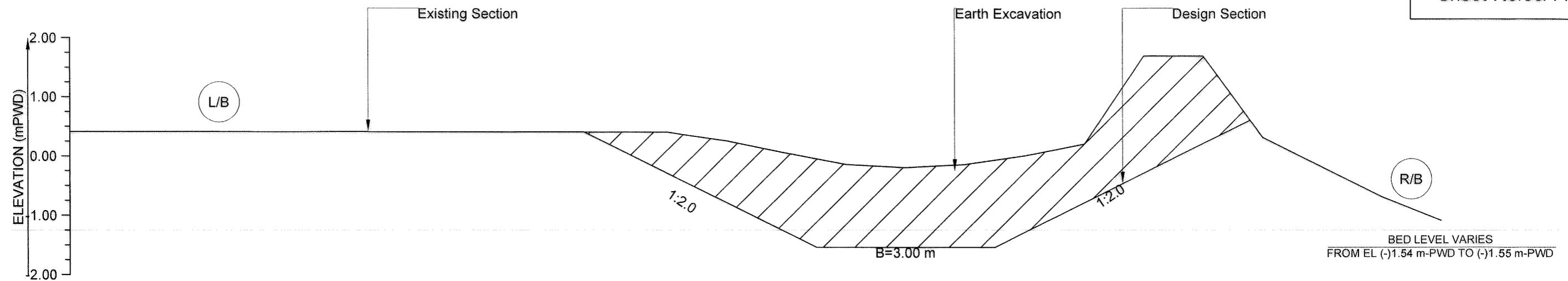
 (MD. MOSTAFA KAMAL),AE
 04.02.25

APPROVED BY:

 (JAKARIA PERVEZ),SE
 04.02.25

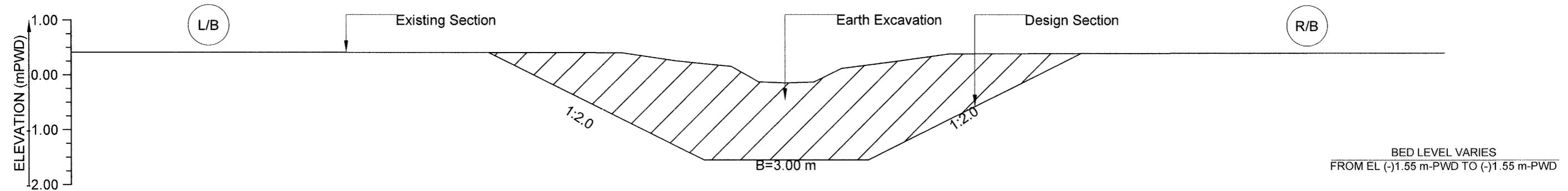
CHECKED AND RECOMMENDED BY:

 (MD. KAMRUL HASAN),EE



Design Bed Level in (mPWD)	
Existing Bed Level in (mPWD)	0.412
Distance(m)	0.000
	5.000 0.407
	8.613 0.403
	10.000 0.402
	10.557 0.319
	11.000 0.252
	12.000 0.046
	12.500 (-)0.050(-)1.540
	13.000 (-)0.145
	14.000 (-)0.198(-)1.540
	15.000 (-)0.143
	15.500 (-)0.071(-)1.540
	16.000 0.002
	17.000 0.202
	17.644 1.161
	18.000 1.692
	19.000 1.687
	19.788 0.604
	20.000 0.312
	22.000 (-)0.688
	23.000 (-)1.088

TYPICAL CROSS SECTION OF KOCHUA KHAL AT KM 1.200
APPLICABLE FROM KM 1.150 TO KM 1.250



Design Bed Level in (mPWD)	
Existing Bed Level in (mPWD)	0.412
Distance(m)	0.000
	5.000 0.407
	7.591 0.404
	9.546 0.402
	10.000 0.402
	11.000 0.251
	11.500 0.201 (-)1.550
	12.000 0.151
	12.500 (-)0.131
	13.000 (-)0.148(-)1.550
	13.500 (-)0.132
	14.000 0.112
	14.500 0.177 (-)1.550
	15.000 0.242
	16.000 0.382
	16.438 0.383
	18.376 0.388
	20.000 0.392
	25.000 0.397

TYPICAL CROSS SECTION OF KOCHUA KHAL AT KM 1.300
APPLICABLE FROM KM 1.250 TO KM 1.350

Bangladesh Water Development Board
Office of The Superintending Engineer, Design Circle-5

CRISP-WRM

Re-excavation of Kochua khal from km. 0.000 to km. 2.310 in polder -2
in c/w Tarail-Pachuria Sub-Project under CRISP-WRM under
Specialized Division, BWDB, Gopalganj during the year 2024-2025

TYPICAL CROSS SECTION OF KOCHUA KHAL

DESIGNED BY:

(MD. MOSTAFA KAMAL),AE
04/02/25

APPROVED BY:

(JAKARIA PERVEZ),SE
04/02/25

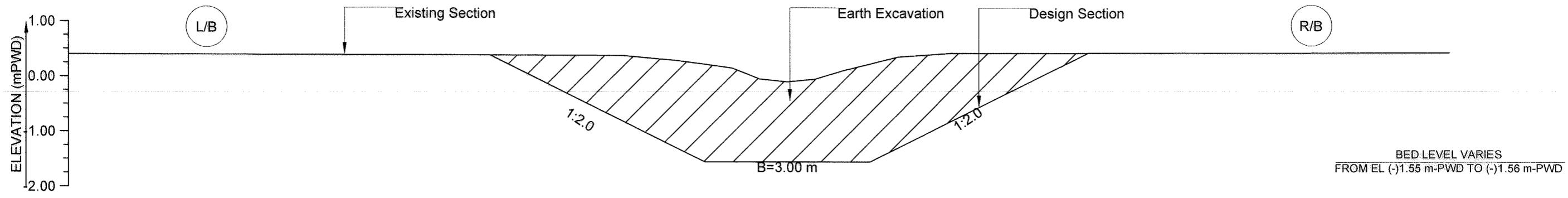
CHECKED AND RECOMMENDED BY:

(MD. KAMRUL HASAN),EE

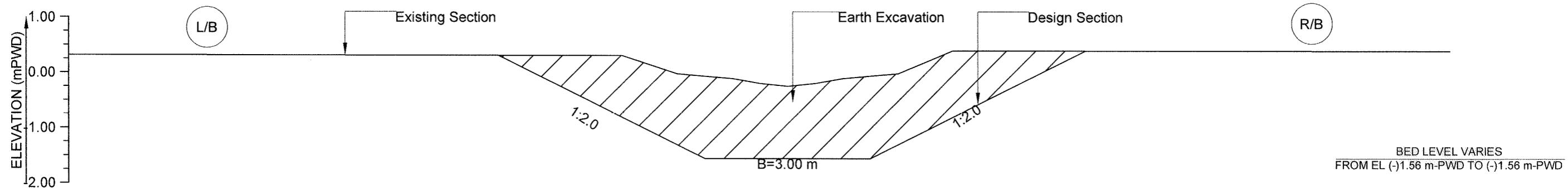
(JAKARIA PERVEZ),SE

Date:04/02/2025

Drawing No:DC5-5784-09/14



TYPICAL CROSS SECTION OF KOCHUA KHAL AT KM 1.400
APPLICABLE FROM KM 1.350 TO KM 1.450



TYPICAL CROSS SECTION OF KOCHUA KHAL AT KM 1.500
APPLICABLE FROM KM 1.450 TO KM 1.550

Bangladesh Water Development Board

Office of The Superintending Engineer, Design Circle-5

CRISP-WRM

Re-excavation of Kochua khal from km. 0.000 to km. 2.310 in polder -2 in c/w Tarail-Pachuria Sub-Project under CRISP-WRM under Specialized Division. BWDB, Gopalganj during the year 2024-2025

TYPICAL CROSS SECTION OF KOCHUA KHAL

DESIGNED BY:

(MD. MOSTAFA KAMAL),AE
04/02/25

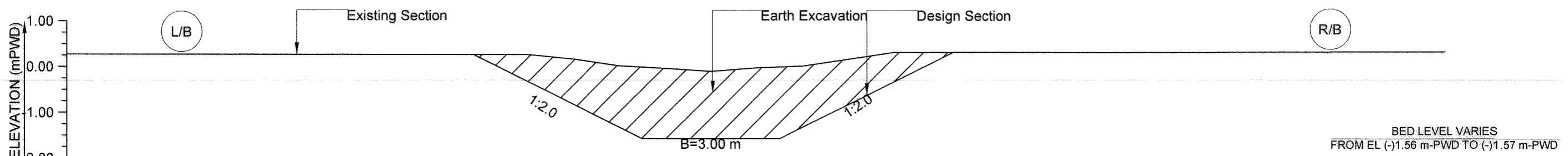
APPROVED BY:

(JAKARIA PERVEZ),SE
04/02/25

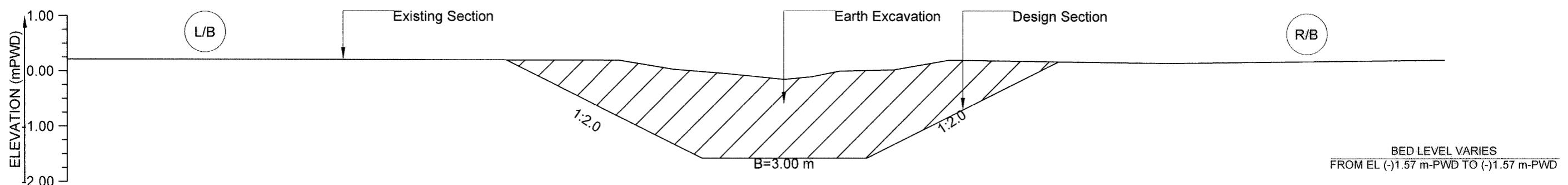
CHECKED AND RECOMMENDED BY:

(MD. KAMRUL HASAN),EE

Date:04/02/2025 Drawing No:DC5-5784-10/14



TYPICAL CROSS SECTION OF KOCHUA KHAL AT KM 1.600
APPLICABLE FROM KM 1.550 TO KM 1.650



TYPICAL CROSS SECTION OF KOCHUA KHAL AT KM 1.700
APPLICABLE FROM KM 1.650 TO KM 1.750

Bangladesh Water Development Board
Office of The Superintending Engineer, Design Circle-5

CRISP-WRM

Re-excavation of Kochua khal from km. 0.000 to km. 2.310 in polder -2
in c/w Tarail-Pachuria Sub-Project under CRISP-WRM under
Specialized Division, BWDB, Gopalganj during the year 2024-2025

TYPICAL CROSS SECTION OF KOCHUA KHAL

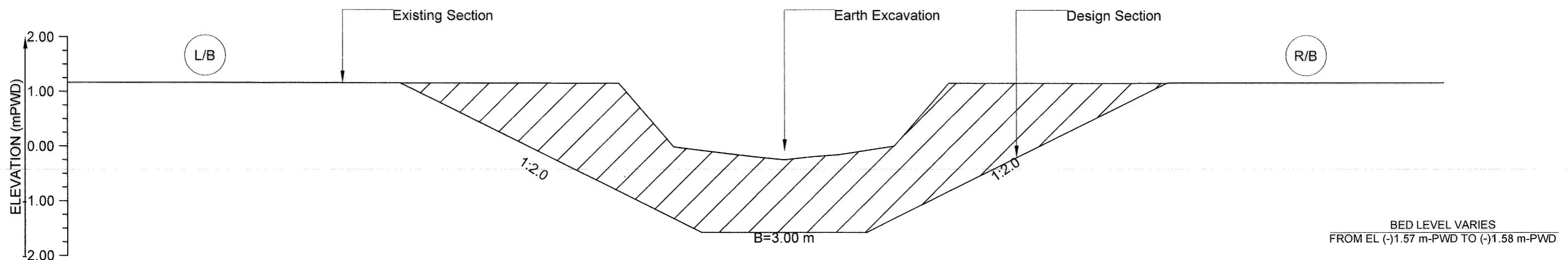
DESIGNED BY:
[Signature] 04.02.25
(MD. MOSTAFA KAMAL),AE

APPROVED BY:

[Signature] 04.02.25
(JAKARIA PERVEZ),SE

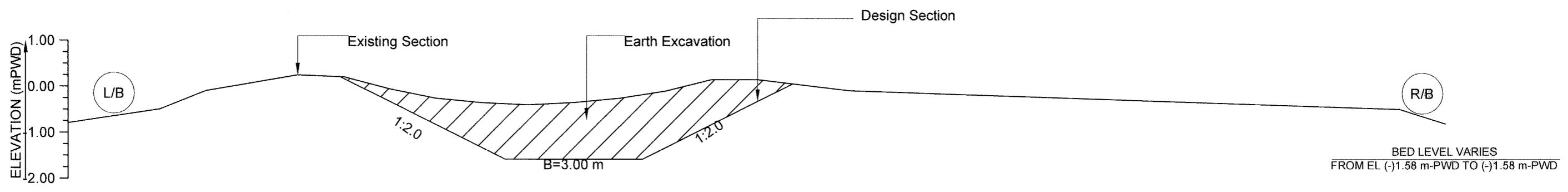
CHECKED AND RECOMMENDED BY:
[Signature]
(MD. KAMRUL HASAN),EE

Date:04/02/2025 Drawing No:DC5-5784-11/14



Design Bed Level in (mPWD)	
Existing Bed Level in (mPWD)	1.165
Distance(m)	0.000
5.000	1.160
6.042	1.159
8.771	1.156
10.000	1.155
11.000	(-)0.010
11.500	(-)0.073(-)1.570
12.000	(-)0.135
12.500	(-)0.195
13.000	(-)0.245(-)1.570
13.500	(-)0.190
14.000	(-)0.150
14.500	(-)NaN (-)1.570
15.000	0.005
16.000	1.157
17.230	1.158
19.960	1.160
25.000	

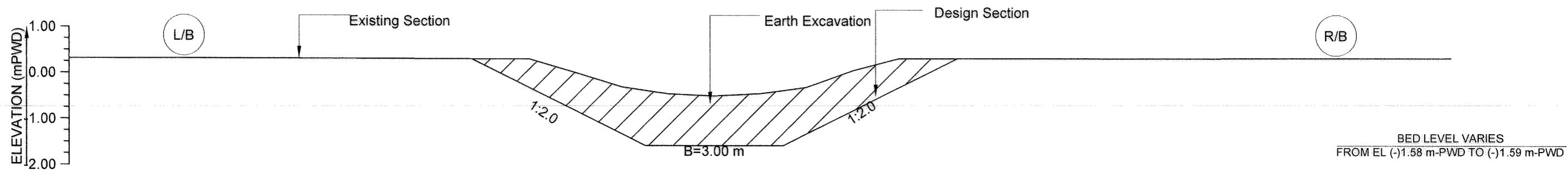
TYPICAL CROSS SECTION OF KOCHUA KHAL AT KM 1.800
APPLICABLE FROM KM 1.750 TO KM 1.850



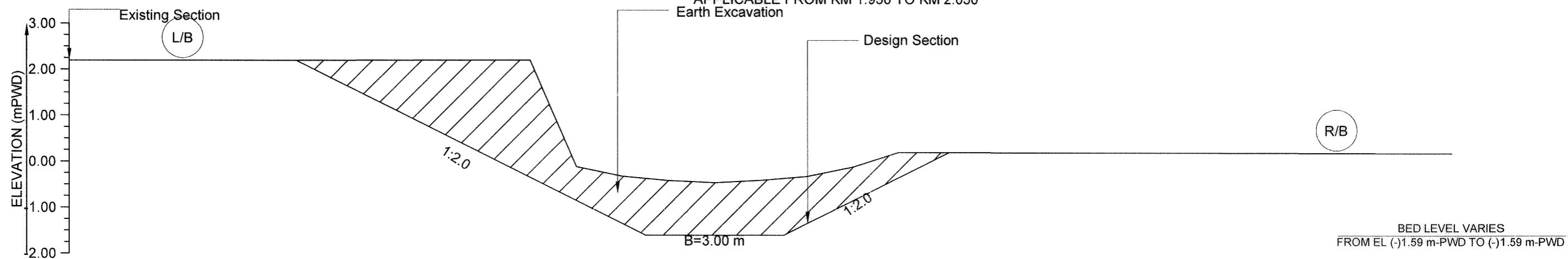
Design Bed Level in (mPWD)	
Existing Bed Level in (mPWD)	-0.794
Distance(m)	0.000
2.000	(-)0.494
3.000	(-)0.084
5.000	0.245
5.922	0.209
7.000	(-)0.055
7.711	(-)0.201
8.000	(-)0.280
9.000	(-)0.355
9.500	(-)0.380(-)1.580
10.000	(-)0.404
11.000	(-)0.352(-)1.580
12.000	(-)0.259
12.500	(-)0.182(-)1.580
13.000	(-)0.104
14.000	0.145
15.000	0.144
15.766	0.053
17.000	
29.000	
30.000	(-)0.809

TYPICAL CROSS SECTION OF KOCHUA KHAL AT KM 1.900
APPLICABLE FROM KM 1.850 TO KM 1.950

Bangladesh Water Development Board	
Office of The Superintending Engineer, Design Circle-5	
CRISP-WRM	
Re-excavation of Kochua khal from km. 0.000 to km. 2.310 in polder -2 in c/w Tarail-Pachuria Sub-Project under CRISP-WRM under Specialized Division, BWDB, Gopalganj during the year 2024-2025	
TYPICAL CROSS SECTION OF KOCHUA KHAL	
DESIGNED BY: (MD. MOSTAFA KAMAL),AE 04.02.25	APPROVED BY: (JAKARIA PERVEZ),SE 04.02.25
CHECKED AND RECOMMENDED BY: (MD. KAMRUL HASAN),EE	
Date:04/02/2025	Drawing No:DC5-5784-12/14



TYPICAL CROSS SECTION OF KOCHUA KHAL AT KM 2.000
APPLICABLE FROM KM 1.950 TO KM 2.050



TYPICAL CROSS SECTION OF KOCHUA KHAL AT KM 2.100
APPLICABLE FROM KM 2.050 TO KM 2.150

Bangladesh Water Development Board

Office of The Superintending Engineer, Design Circle-5

CRISP-WRM

Re-excavation of Kochua khal from km. 0.000 to km. 2.310 in polder -2
in c/w Tarail-Pachuria Sub-Project under CRISP-WRM under
Specialized Division. BWDB, Gopalganj during the year 2024-2025

TYPICAL CROSS SECTION OF KOCHUA KHAL

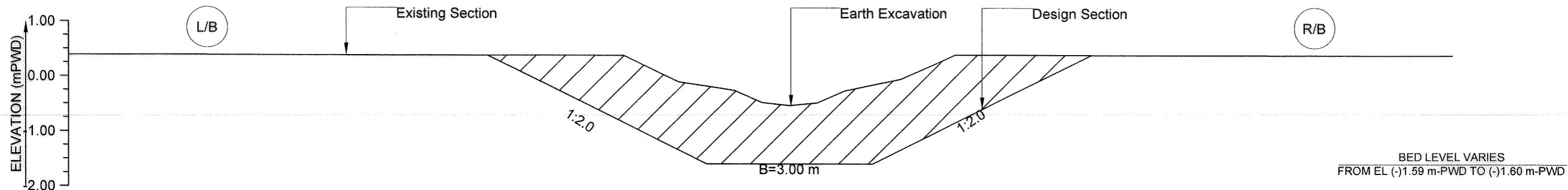
DESIGNED BY:
 04.02.25
 (MD. MOSTAFA KAMAL), AE

APPROVED BY:

 04.02.25
 (JAKARIA PERVEZ), SE

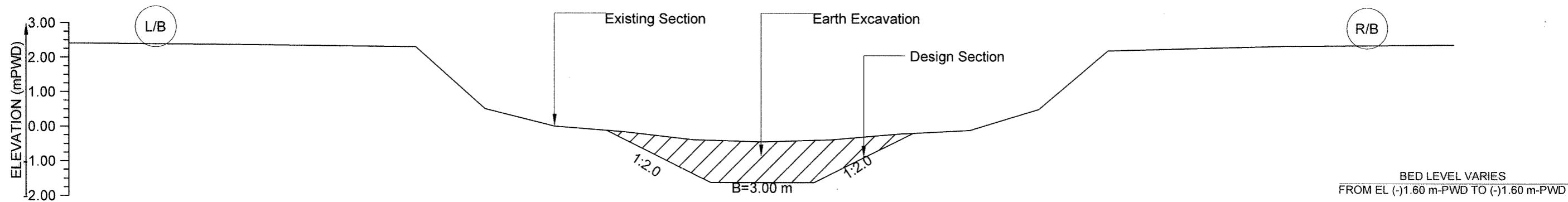
CHECKED AND RECOMMENDED BY:

 (MD. KAMRUL HASAN), EE



Design Bed Level in (mPWD)	
Existing Bed Level in (mPWD)	
Distance(m)	

**TYPICAL CROSS SECTION OF KOCHUA KHAL AT KM 2.200
APPLICABLE FROM KM 2.150 TO KM 2.255**



Design Bed Level in (mPWD)	
Existing Bed Level in (mPWD)	
Distance(m)	
0.000	2.408
5.000	2.372
10.000	2.313
12.000	0.523
14.000	0.023
15.495	(-0.097
16.000	(-)0.138
16.997	(-)0.253
18.000	(-)0.368
18.500	(-)0.383 (-)1.600
20.000	(-)0.427 (-)1.600
21.500	(-)1.600
22.000	
22.927	(-)0.286
24.000	(-)0.192
24.353	(-)0.173
26.000	(-)0.087
28.000	
30.000	2.223
	35.000 2.362
	40.000

**TYPICAL CROSS SECTION OF KOCHUA KHAL AT KM 2.310
APPLICABLE FROM KM 2.255 TO KM 2.310**

Bangladesh Water Development Board

Office of The Superintending Engineer, Design Circle-5

CRISP-WRM

Re-excavation of Kochua khal from km. 0.000 to km. 2.310 in polder -2
in c/w Tarail-Pachuria Sub-Project under CRISP-WRM under
Specialized Division, BWDB, Gopalganj during the year 2024-2025

TYPICAL CROSS SECTION OF KOCHUA KHAL

DESIGNED BY:

09.02.25
(MD. MOSTAFA KAMAL),AE

APPROVED BY:

CHECKED AND RECOMMENDED BY:

(MD. KAMRUL HASAN),EE

04.02.25

(JAKARIA PERVEZ),SE

Date:04/02/2025

Drawing No:DC5-5784-14/14