

REHABILITATION OF MAIN DRAINS UMRANI, MAGSI & RUPA DRAINS IN DISTRICT NASEERABAD AND JAFFARABAD DRAWING INDEX					
S.No.	Drawing No.	Description	S.No.	Drawing No.	Description
GENERAL			48	IFRAP-P04/MGS-19	CROSS SECTION OF DRAIN AT RD (3+500 TO 3+800)
01	IFRAP-P04/GLP-00	GENERAL LAYOUT PLAN	49	IFRAP-P04/MGS-20	CROSS SECTION OF DRAIN AT RD (3+900 TO 4+200)
GEOLOGY			50	IFRAP-P04/MGS-21	CROSS SECTION OF DRAIN AT RD (4+300 TO 4+600)
02	IFRAP-P04/CGM-01	SITE AREA GEOLOGICAL MAP	51	IFRAP-P04/MGS-22	CROSS SECTION OF DRAIN AT RD (4+700 TO 5+000)
UMRANI DRAIN PROJECT			52	IFRAP-P04/MGS-23	CROSS SECTION OF DRAIN AT RD (5+100 TO 5+200)
			STRUCTURE		
03	IFRAP-P04/URN-01	PLAN AND PROFILE OF DRAIN SHEET (01 OF 7)			
04	IFRAP-P04/URN-02	PLAN AND PROFILE OF DRAIN SHEET (02 OF 7)	53	IFRAP-P04/MGS-24	PLAN OF (2-CELL) CULVERT AT RD (0+921) & SECTION A-A
05	IFRAP-P04/URN-03	PLAN AND PROFILE OF DRAIN SHEET (03 OF 7)	54	IFRAP-P04/MGS-25	TYPICAL PLAN OF (2-CELL) CULVERT AT RD (2+653, 4+118, 4+475, 4+900) & SECTION A-A
06	IFRAP-P04/URN-04	PLAN AND PROFILE OF DRAIN SHEET (04 OF 7)	55	IFRAP-P04/MGS-26	TYPICAL PLAN, SECTION A-A & B-B OF INLET STRUCTURE
07	IFRAP-P04/URN-05	PLAN AND PROFILE OF DRAIN SHEET (05 OF 7)	RUPA DRAIN PROJECT		
08	IFRAP-P04/URN-06	PLAN AND PROFILE OF DRAIN SHEET (06 OF 7)	56	IFRAP-P04/RUPA-01	PLAN AND PROFILE OF DRAIN SHEET (01 OF 12)
09	IFRAP-P04/URN-07	PLAN AND PROFILE OF DRAIN SHEET (07 OF 7)	57	IFRAP-P04/RUPA-02	PLAN AND PROFILE OF DRAIN SHEET (02 OF 12)
10	IFRAP-P04/URN-08	TYPICAL CROSS SECTION OF DRAIN	58	IFRAP-P04/RUPA-03	PLAN AND PROFILE OF DRAIN SHEET (03 OF 12)
11	IFRAP-P04/URN-09	CROSS SECTION OF DRAIN AT RD (0+000 TO 0+300)	59	IFRAP-P04/RUPA-04	PLAN AND PROFILE OF DRAIN SHEET (04 OF 12)
12	IFRAP-P04/URN-10	CROSS SECTION OF DRAIN AT RD (0+400 TO 0+700)	60	IFRAP-P04/RUPA-05	PLAN AND PROFILE OF DRAIN SHEET (05 OF 12)
13	IFRAP-P04/URN-11	CROSS SECTION OF DRAIN AT RD (0+800 TO 1+100)	61	IFRAP-P04/RUPA-06	PLAN AND PROFILE OF DRAIN SHEET (06 OF 12)
14	IFRAP-P04/URN-12	CROSS SECTION OF DRAIN AT RD (1+200 TO 1+500)	62	IFRAP-P04/RUPA-07	PLAN AND PROFILE OF DRAIN SHEET (07 OF 12)
15	IFRAP-P04/URN-13	CROSS SECTION OF DRAIN AT RD (1+600 TO 1+900)	63	IFRAP-P04/RUPA-08	PLAN AND PROFILE OF DRAIN SHEET (08 OF 12)
16	IFRAP-P04/URN-14	CROSS SECTION OF DRAIN AT RD (2+000 TO 2+300)	64	IFRAP-P04/RUPA-09	PLAN AND PROFILE OF DRAIN SHEET (09 OF 12)
17	IFRAP-P04/URN-15	CROSS SECTION OF DRAIN AT RD (2+400 TO 2+700)	65	IFRAP-P04/RUPA-10	PLAN AND PROFILE OF DRAIN SHEET (10 OF 12)
18	IFRAP-P04/URN-16	CROSS SECTION OF DRAIN AT RD (2+800 TO 3+100)	66	IFRAP-P04/RUPA-11	PLAN AND PROFILE OF DRAIN SHEET (11 OF 12)
19	IFRAP-P04/URN-17	CROSS SECTION OF DRAIN AT RD (3+200 TO 3+500)	67	IFRAP-P04/RUPA-12	PLAN AND PROFILE OF DRAIN SHEET (12 OF 12)
20	IFRAP-P04/URN-18	CROSS SECTION OF DRAIN AT RD (3+600 TO 3+900)	68	IFRAP-P04/RUPA-13	PLAN AND PROFILE OF DRAIN SHEET (13 OF 13)
21	IFRAP-P04/URN-19	CROSS SECTION OF DRAIN AT RD (4+000 TO 4+300)	69	IFRAP-P04/RUPA-14	TYPICAL CROSS SECTION OF DRAIN
22	IFRAP-P04/URN-20	CROSS SECTION OF DRAIN AT RD (4+400 TO 4+575)	70	IFRAP-P04/RUPA-15	CROSS SECTION OF DRAIN AT RD (0+000 TO 0+300)
STRUCTURE			71	IFRAP-P04/RUPA-16	CROSS SECTION OF DRAIN AT RD (0+400 TO 0+700)
23	IFRAP-P04/URN-21	PLAN & SECTION A-A OF CULVERT AT RD (0+098)	72	IFRAP-P04/RUPA-17	CROSS SECTION OF DRAIN AT RD (0+800 TO 1+100)
24	IFRAP-P04/URN-22	PLAN & SECTION A-A OF CULVERT AT RD (0+575)	73	IFRAP-P04/RUPA-18	CROSS SECTION OF DRAIN AT RD (1+200 TO 1+500)
25	IFRAP-P04/URN-23	PLAN & SECTION A-A OF CULVERT AT RD (0+968)	74	IFRAP-P04/RUPA-19	CROSS SECTION OF DRAIN AT RD (1+600 TO 1+900)
26	IFRAP-P04/URN-24	PLAN & SECTION A-A OF CULVERT AT RD (2+018)	75	IFRAP-P04/RUPA-20	CROSS SECTION OF DRAIN AT RD (2+000 TO 2+300)
27	IFRAP-P04/URN-25	PLAN & SECTION A-A OF CULVERT AT RD (3+305)	76	IFRAP-P04/RUPA-21	CROSS SECTION OF DRAIN AT RD (2+400 TO 2+700)
28	IFRAP-P04/URN-26	PLAN & SECTION A-A OF CULVERT AT RD (4+578)	77	IFRAP-P04/RUPA-22	CROSS SECTION OF DRAIN AT RD (2+800 TO 3+100)
29	IFRAP-P04/URN-27	TYPICAL PLAN, SECTION A-A & B-B OF INLET STRUCTURE	78	IFRAP-P04/RUPA-23	CROSS SECTION OF DRAIN AT RD (3+200 TO 3+500)
MAGSI DRAIN PROJECT			79	IFRAP-P04/RUPA-24	CROSS SECTION OF DRAIN AT RD (3+600 TO 3+900)
30	IFRAP-P04/MGS-01	PLAN AND PROFILE OF DRAIN SHEET (01 OF 8)	80	IFRAP-P04/RUPA-25	CROSS SECTION OF DRAIN AT RD (4+000 TO 4+300)
31	IFRAP-P04/MGS-02	PLAN AND PROFILE OF DRAIN SHEET (02 OF 8)	81	IFRAP-P04/RUPA-26	CROSS SECTION OF DRAIN AT RD (4+400 TO 4+700)
32	IFRAP-P04/MGS-03	PLAN AND PROFILE OF DRAIN SHEET (03 OF 8)	82	IFRAP-P04/RUPA-27	CROSS SECTION OF DRAIN AT RD (4+800 TO 5+100)
33	IFRAP-P04/MGS-04	PLAN AND PROFILE OF DRAIN SHEET (04 OF 8)	83	IFRAP-P04/RUPA-28	CROSS SECTION OF DRAIN AT RD (5+200 TO 5+500)
34	IFRAP-P04/MGS-05	PLAN AND PROFILE OF DRAIN SHEET (05 OF 8)	84	IFRAP-P04/RUPA-29	CROSS SECTION OF DRAIN AT RD (5+600 TO 5+900)
35	IFRAP-P04/MGS-06	PLAN AND PROFILE OF DRAIN SHEET (06 OF 8)	85	IFRAP-P04/RUPA-30	CROSS SECTION OF DRAIN AT RD (6+000 TO 6+300)
36	IFRAP-P04/MGS-07	PLAN AND PROFILE OF DRAIN SHEET (07 OF 8)	86	IFRAP-P04/RUPA-31	CROSS SECTION OF DRAIN AT RD (6+400 TO 6+700)
37	IFRAP-P04/MGS-08	PLAN AND PROFILE OF DRAIN SHEET (08 OF 8)	87	IFRAP-P04/RUPA-32	CROSS SECTION OF DRAIN AT RD (6+800 TO 7+100)
38	IFRAP-P04/MGS-09	TYPICAL CROSS SECTION OF DRAIN	88	IFRAP-P04/RUPA-33	CROSS SECTION OF DRAIN AT RD (7+200 TO 7+500)
39	IFRAP-P04/MGS-10	CROSS SECTION OF DRAIN AT RD (0+000 TO 0+300)	89	IFRAP-P04/RUPA-34	CROSS SECTION OF DRAIN AT RD (7+600 TO 7+900)
40	IFRAP-P04/MGS-11	CROSS SECTION OF DRAIN AT RD (0+400 TO 0+600)	90	IFRAP-P04/RUPA-35	CROSS SECTION OF DRAIN AT RD (8+000 TO 8+300)
41	IFRAP-P04/MGS-12	CROSS SECTION OF DRAIN AT RD (0+700 TO 1+000)	91	IFRAP-P04/RUPA-36	CROSS SECTION OF DRAIN AT RD (8+400 TO 8+700)
42	IFRAP-P04/MGS-13	CROSS SECTION OF DRAIN AT RD (1+100 TO 1+400)	92	IFRAP-P04/RUPA-37	CROSS SECTION OF DRAIN AT RD (8+764)
43	IFRAP-P04/MGS-14	CROSS SECTION OF DRAIN AT RD (1+500 TO 1+800)	STRUCTURE		
44	IFRAP-P04/MGS-15	CROSS SECTION OF DRAIN AT RD (1+900 TO 2+200)	93	IFRAP-P04/RUPA-38	TYPICAL PLAN OF (2-CELL) CULVERT AT RD (0+390, 3+194, 3+448, 7+530, 8+175) & SECTION A-A
45	IFRAP-P04/MGS-16	CROSS SECTION OF DRAIN AT RD (2+300 TO 2+600)	94	IFRAP-P04/RUPA-39	TYPICAL PLAN AND SECTION A-A OF AQUEDUCT AT RD (0+275 & 0+370)
46	IFRAP-P04/MGS-17	CROSS SECTION OF DRAIN AT RD (2+700 TO 3+000)	95	IFRAP-P04/RUPA-40	TYPICAL PLAN, SECTION A-A & B-B OF INLET STRUCTURE
47	IFRAP-P04/MGS-18	CROSS SECTION OF DRAIN AT RD (3+100 TO 3+400)	96	IFRAP-P04/RUPA-41	TABLE FOR INLET STRUCTURES OF RUPA DRAIN

CLIENT:



IRRIGATION DEPARTMENT
GOVERNMENT OF
BALOCHISTAN

CONSULTANTS:



CONSULTANTS
CONSULTING ENGINEERS ARCHITECTS & PLANNERS.
PLOT NO.07 PARIS ARCADE STREET, NO. 36 E-11/3 MARKAZ ISLAMABAD.
H. NO.38 CHAMAN HOUSING AIRPORT ROAD QUETTA.

PROJECT TITLE:

INTEGRATED FLOOD RESILIENCE AND
ADAPTATION PROJECT

SCHEME NAME:

REHABILITATION OF MAIN DRAINS
UMRANI , MAGSI AND RUPA DRAINS IN
DISTRICT NASEERABAD AND JAFFARABAD
(PACKAGE-04)

DRAWING TITLE:-

DRAWING INDEX

NOTES:

ALL LEVELS AND DIMENSIONS ARE
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DRAWN BY: KISHWAR

CHECKED BY: ZIA-UL-HAQ

FILE PATH: G:/IFRAP

DRAWING NO: IFRAP-P04/NAJ-IDX

DESIGNED BY: KAMRAN BABAR

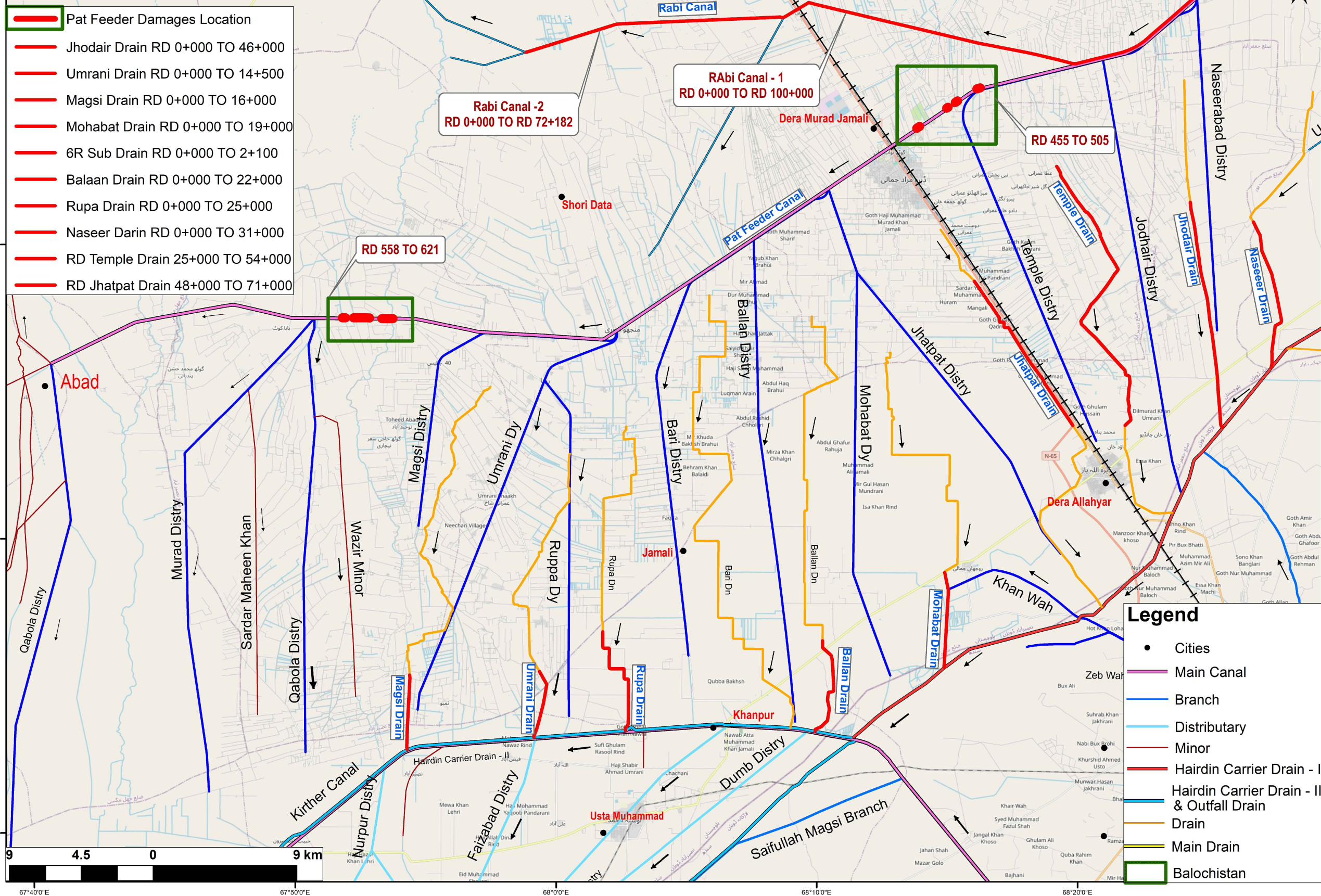
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DATE: AUG / 2025

SHEET:- 01 OF 01

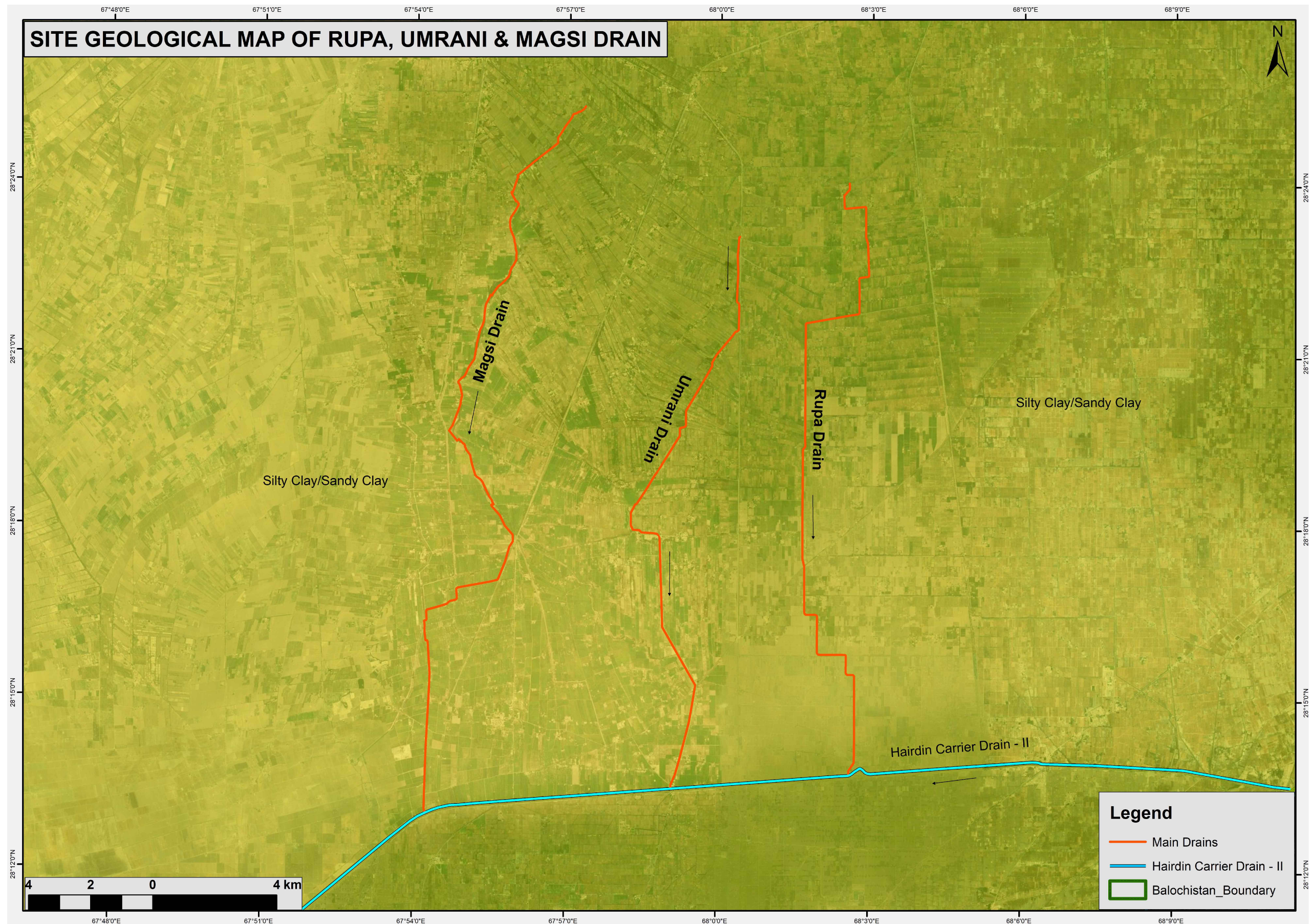
ABBREVIATIONS	
C NO	CURVE NUMBER
PE	POINT OF ENTRY (CHAINAGE OF START OF CURVE)
E	EASTING COORDINATE OF CURVE POINT
N	NORTHING COORDINATE OF CURVE POINT
PC	POINT OF CURVATURE (START OF CURVE WHERE STRAIGHT ALIGNMENT END) IT IS ALSO KNOWN AS BC BEGINNING OF CURVE
PT	PT (POINT OF TANGENCY) END OF CURVE WHERE THE CURVE ENDS AND STRAIGHT PORTION START AGAIN IT IS ALSO KNOWN AS EC END OF CURVE
DA	DEFLECTION ANGLE (INITIAL DEFLECTION FROM TANGENT)
DC	DEFLECTION CHANGE (INCREMENTAL DEFLECTION, OFTEN PER CHORD)
T	TANGENT LENGTH DISTANCE FROM PI (POINT OF INTERSECTION) TO PC OR PT
R	RADIUS RADIUS OF THE CIRCULAR CURVE
L	LENGTH OF CURVE ARC LENGTH OF THE CIRCULAR CURVE
C	LONG CHORD LENGTH STRAIGHT-LINE DISTANCE FROM PC TO PT
E	EXTERNAL DISTANCE DISTANCE FROM PI TO MID-POINT OF CURVE
Δ (Delta)	CENTRAL / INTERSECTION ANGLE TOTAL ANGLE SUBTENDED BY THE CURVE AT THE CENTER
	RELATIONSHIP (FOR UNDERSTANDING) $L = (\pi \times R \times \Delta) / 180$ $T = R \times \tan(\Delta / 2)$ $E = R [\sec(\Delta/2) - 1]$ $C = 2R \sin(\Delta/2)$

MAP SHOWING LOCATION OF PACKAGE-IV PROJECT IN DISTRICT JAFFARABAD AND NASEERABAD



TENDER DRAWINGS

CLIENT:  IRRIGATION DEPARTMENT GOVERNMENT OF BALOCHISTAN	CONSULTANTS:  CAMEOS CONSULTANTS CONSULTING ENGINEERS ARCHITECTS & PLANNERS. PLOT NO.07 PARIS ARCADE STREET, NO. 36 E-11/3 MARKAZ ISLAMABAD. H. NO.38 CHAMAN HOUSING AIRPORT ROAD QUETTA.	PROJECT TITLE: INTEGRATED FLOOD RESILIENCE AND ADAPTATION PROJECT	SCHEME NAME: REHABILITATION OF MAIN DRAINS UMRANI , MAGSI AND RUPA DRAINS IN DISTRICT NASEERABAD AND JAFFARABAD (PACKAGE-04)	DRAWING TITLE:- GENERAL LAYOUT PLAN	NOTES: ALL LEVELS AND DIMENSIONS ARE IN METERS UNLESS INDICATED OTHERWISE.	DRAWN BY: KISHWAR CHECKED BY: ZIA-UL-HAQ FILE PATH: G:/IFRAP DRAWING NO: IFRAP-P04/GLM-00	DESIGNED BY: KAMRAN BABAR SCALE: N:T:S DATE: AUG / 2025 SHEET:- 01 OF 01
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IRRIGATION DEPARTMENT
GOVERNMENT OF
BALOCHISTAN

CONSULTANTS:

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CONSULTANTS
CONSULTING ENGINEERS ARCHITECTS & PLANNERS.
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H. NO.38 CHAMAN HOUSING AIRPORT ROAD QUETTA.

PROJECT TITLE:

INTEGRATED FLOOD RESILIENCE AND
ADAPTATION PROJECT

SCHEME NAME:

REHABILITATION OF MAIN DRAINS
UMRANI , MAGSI AND RUPA DRAINS IN
DISTRICT NASEERABAD AND JAFFARABAD
(PACKAGE-IV)

DRAWING TITLE:-

SITE GEOLOGICAL MAP

NOTES:

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DESIGNED BY: KAMRAN BABAR

CHECKED BY: ZIA-UL-HAQ

SCALE: N:T:S

FILE PATH: G:/IFRAP

DATE: AUG / 2025

DRAWING NO: IFRAP-P04/CGM-03

SHEET:- 01 OF 01

C NO :2
PE : 0+065.24
E : 400409.605
N : 3122485.435
CIRCULAR
DA : 21.200
DC : 21.323
T:8.263
R : 82.377
L : 16.471
C : 16.444
E : 0.413
Δ=11.4561
Mid: 0+065.21
PC: 0+102.07
PT: 0+111.28

C NO :3
PE : 0+106.69
E : 400417.908
N : 3122526.100
CIRCULAR
DA : 37.491
DC : 38.194
T:4.617
R : 46.582
L : 9.203
C : 9.188
E : 0.228
Δ=11.3198

C NO :4
PE : 0+304.14
E : 400494.623
N : 3122708.068
CIRCULAR
DA : 0.707
DC : 0.707
T:9.971
R : 2469.155
L : 19.941
C : 19.941
E : 0.020
Δ=0.4627

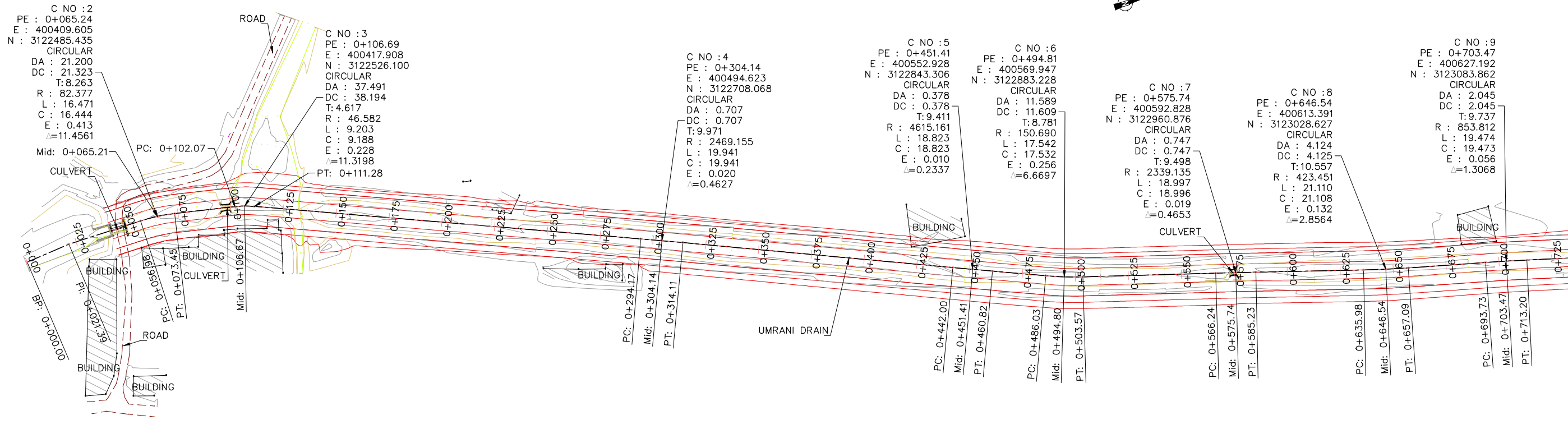
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N : 3122843.306
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DC : 0.378
T:9.411
R : 4615.161
L : 18.823
C : 18.823
E : 0.010
Δ=0.2337

C NO :6
PE : 0+494.81
E : 400569.947
N : 3122883.228
CIRCULAR
DA : 11.589
DC : 11.609
T:8.781
R : 150.690
L : 17.542
C : 17.532
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Δ=6.6697

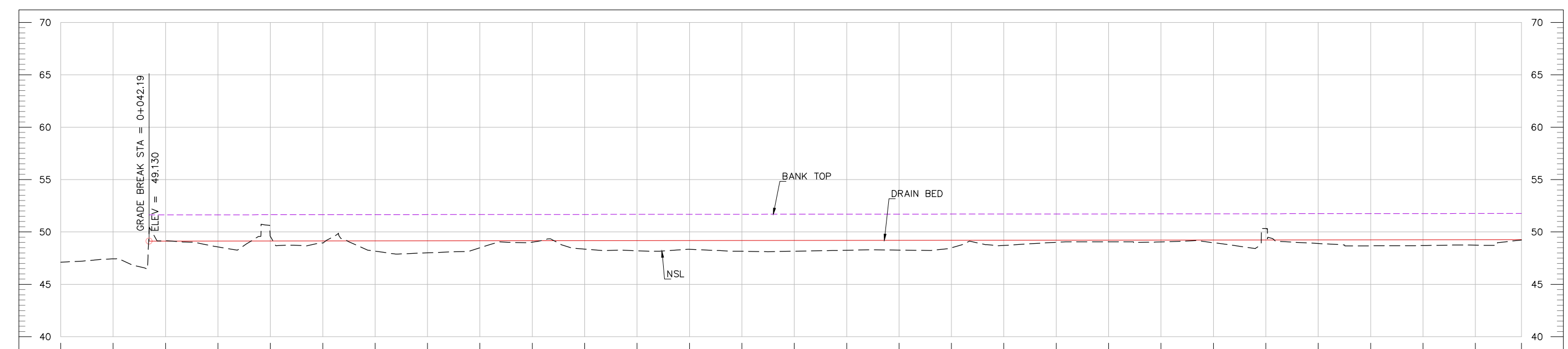
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DC : 0.747
T:9.498
R : 2339.135
L : 18.997
C : 18.996
E : 0.019
Δ=0.4653

C NO :8
PE : 0+646.54
E : 400613.391
N : 3123028.627
CIRCULAR
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DC : 4.125
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R : 423.451
L : 21.110
C : 21.108
E : 0.132
Δ=2.8564

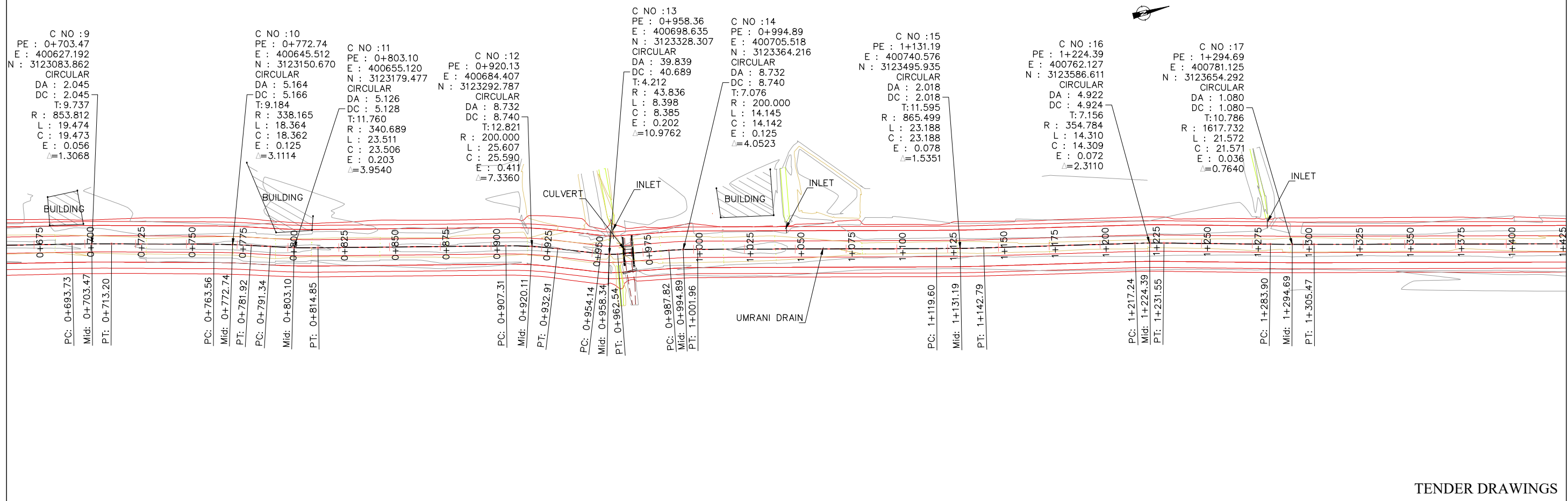
C NO :9
PE : 0+703.47
E : 400627.192
N : 3123083.862
CIRCULAR
DA : 2.045
DC : 2.045
T:9.737
R : 853.812
L : 19.474
C : 19.473
E : 0.056
Δ=1.3068



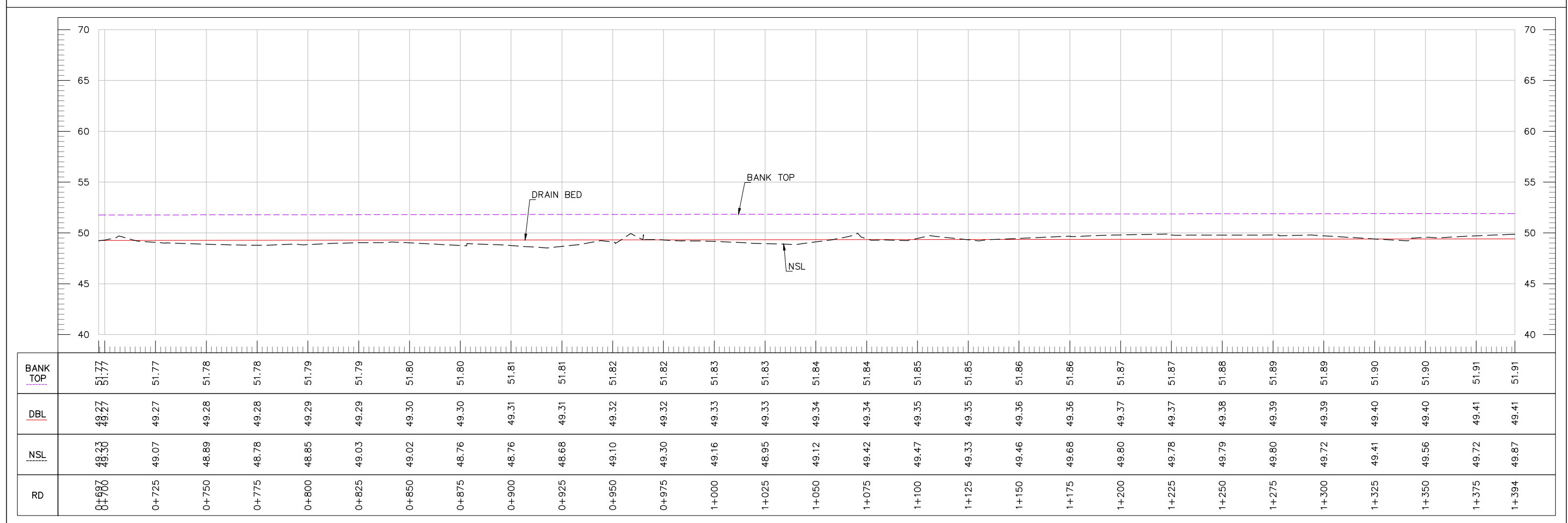
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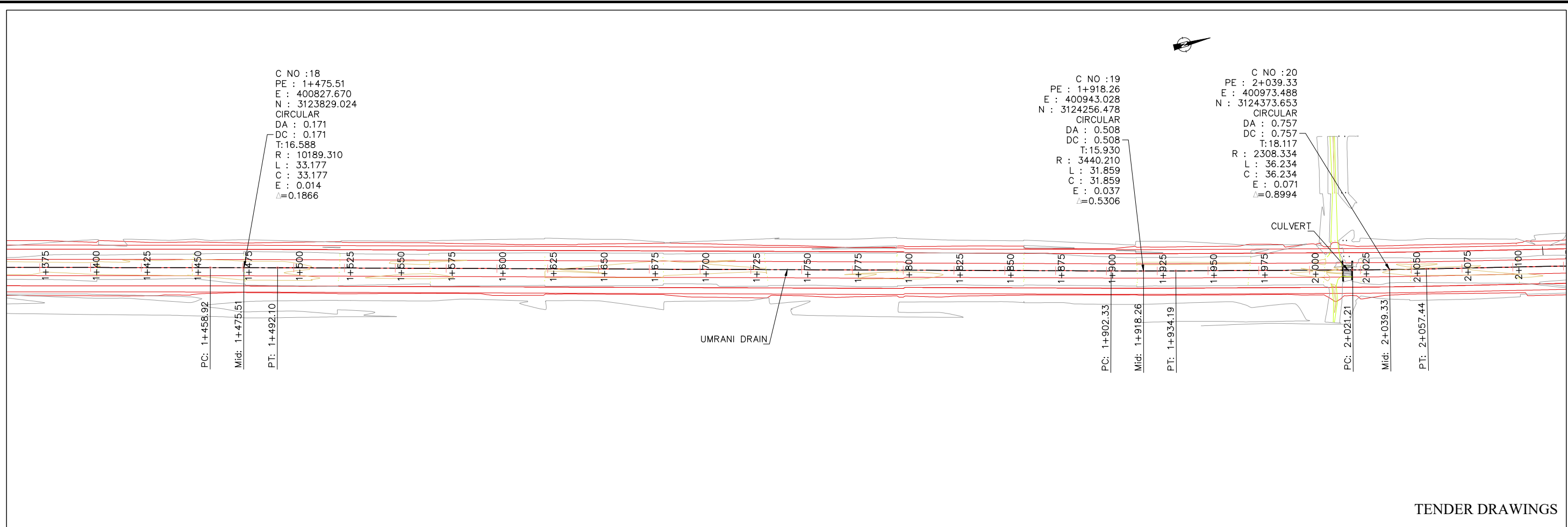


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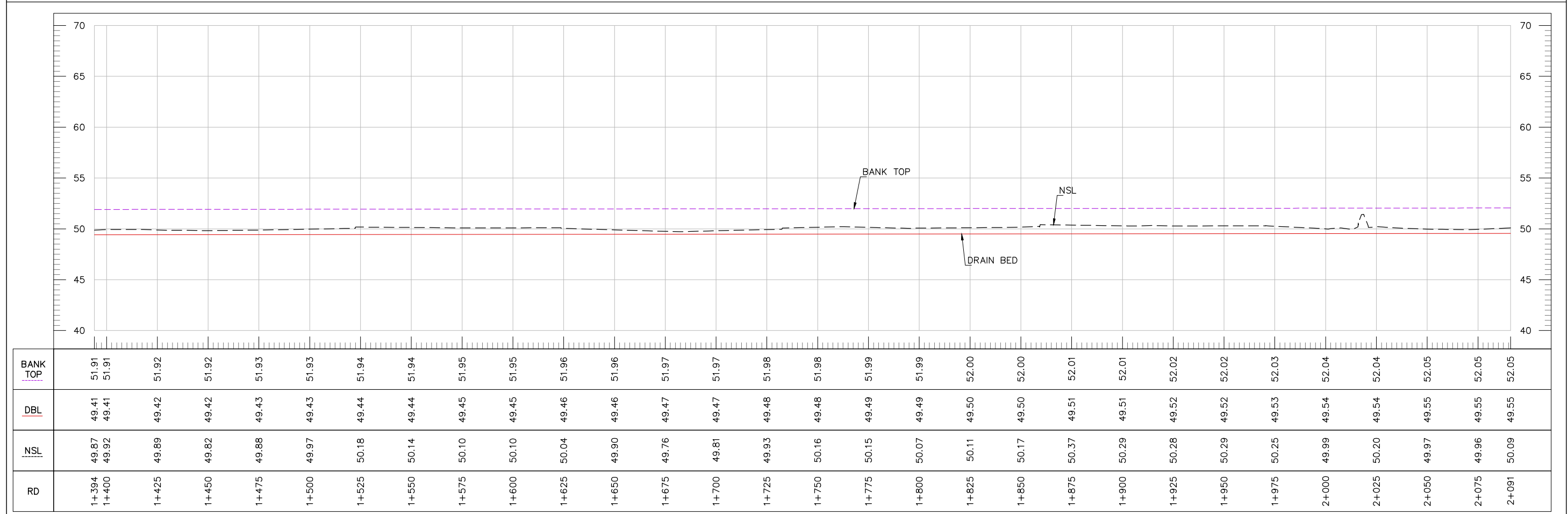


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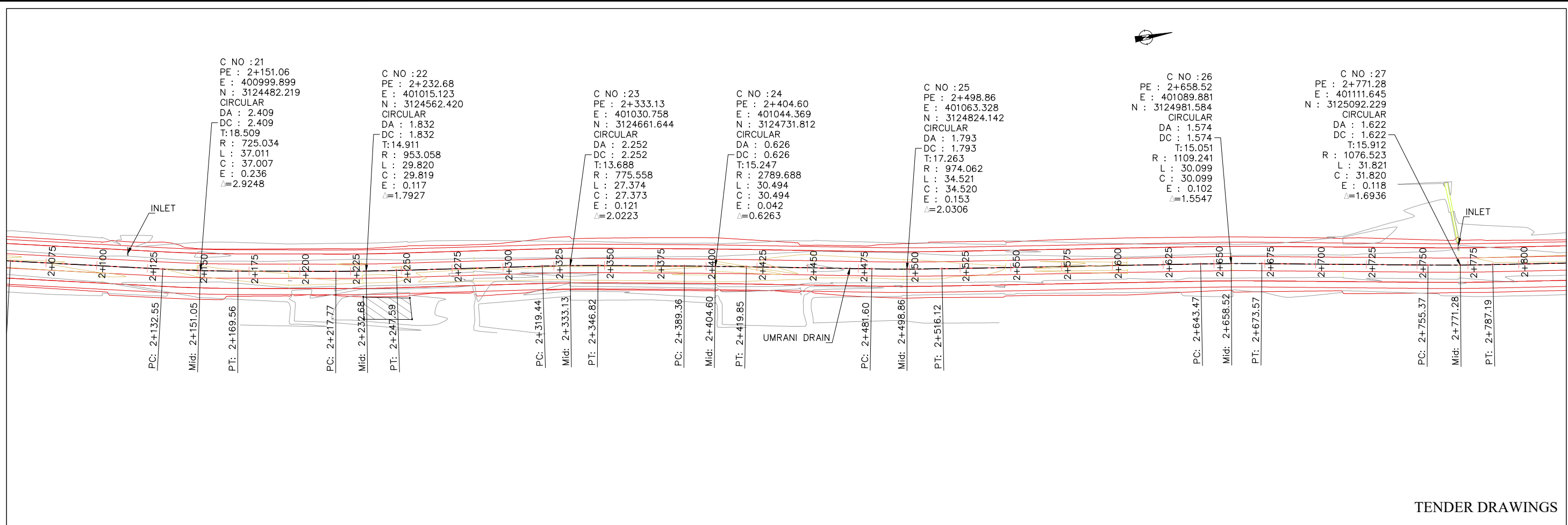




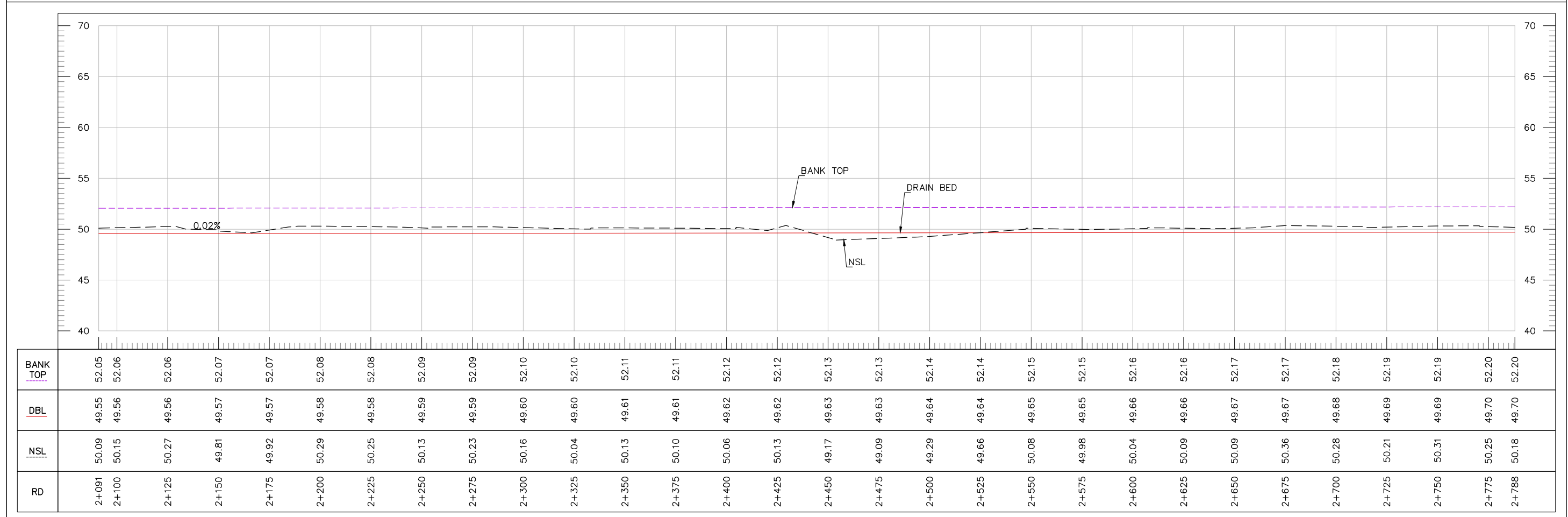
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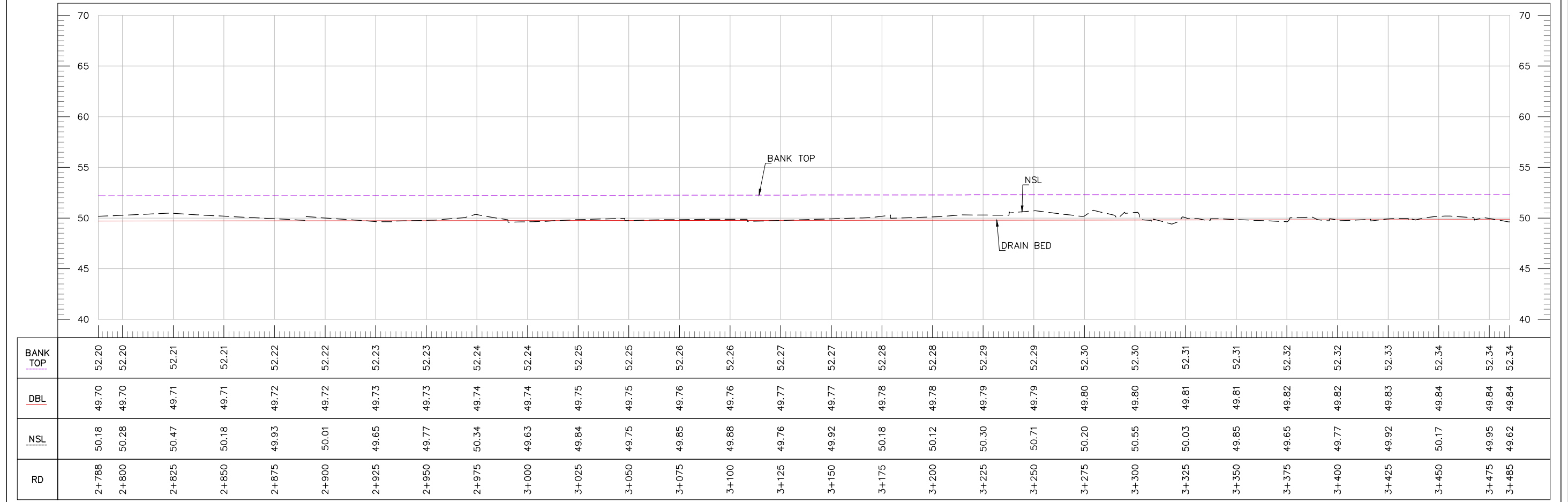
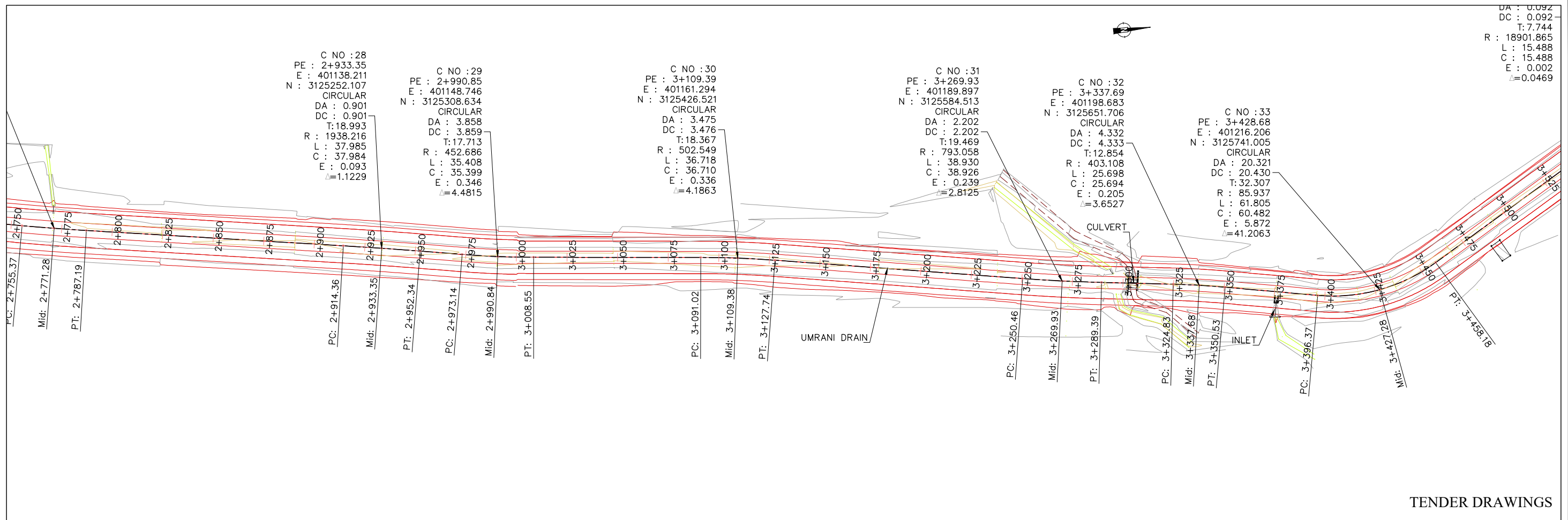


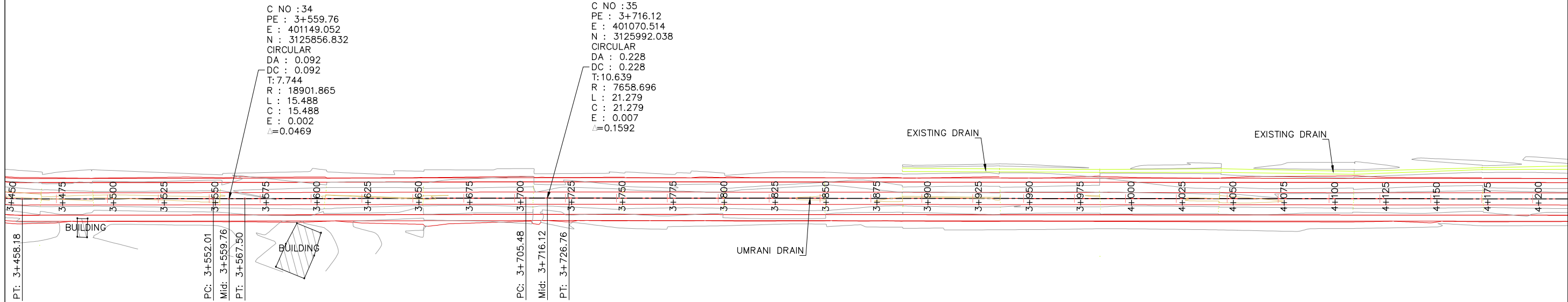
CLIENT:  IRRIGATION DEPARTMENT GOVERNMENT OF BALOCHISTAN	CONSULTANTS: CAMEOS CONSULTANTS CONSULTING ENGINEERS ARCHITECTS & PLANNERS. PLOT NO.07 PARIS ARCADE STREET, NO. 36 E-11/3 MARKAZ ISLAMABAD. H. NO.38 CHAMAN HOUSING AIRPORT ROAD QUETTA.	PROJECT TITLE: INTEGRATED FLOOD RESILIENCE AND ADAPTATION PROJECT	SCHEME NAME: REHABILITATION OF MAIN DRAINS UMRANI , MAGSI AND RUPA DRAINS IN DISTRICT NASEERABAD AND JAFFARABAD (PACKAGE-IV)	DRAWING TITLE:- PLAN AND PROFILE OF UMRANI DRAIN SHEET (03 OF 07)	NOTES: ALL LEVELS AND DIMENSIONS ARE IN METERS UNLESS INDICATED OTHERWISE.	DRAWN BY: FAISAL / USAMA	DESIGNED BY: KAMRAN BABAR
						CHECKED BY: ZIA-UL-HAQ	SCALE: 1:2000
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						DRAWING NO: IFRAP-P04/URN-03	SHEET:- 03 OF 07



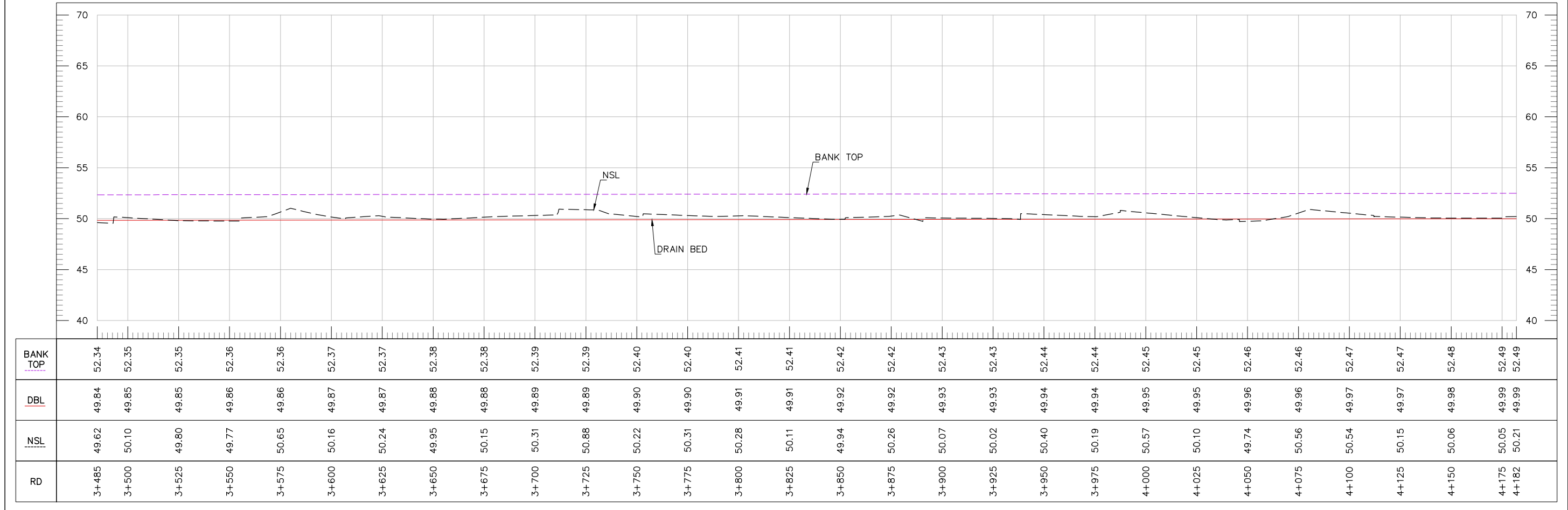
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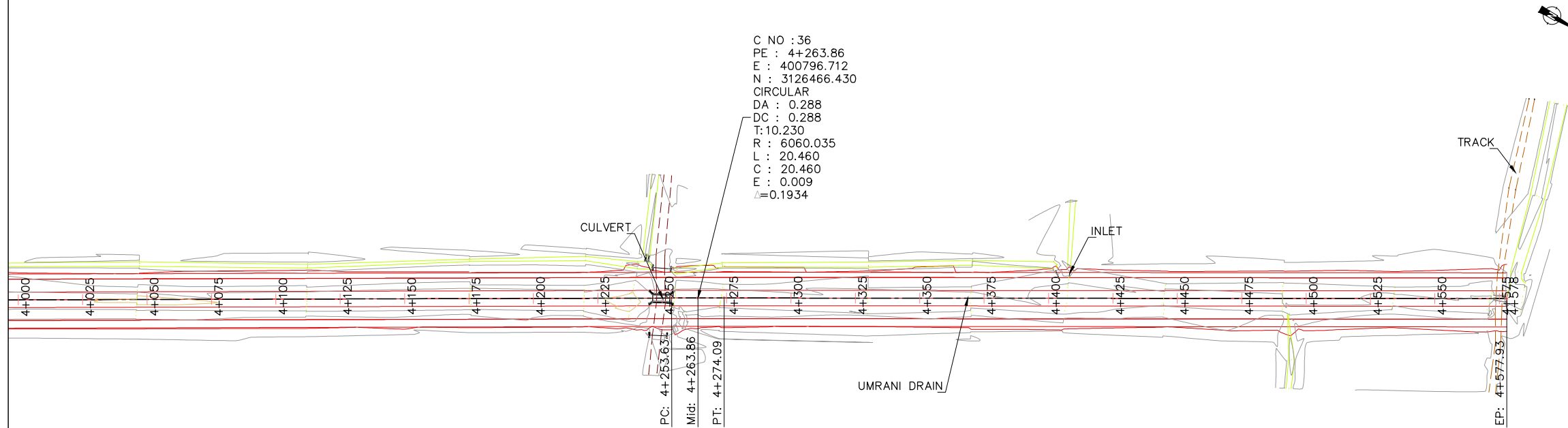




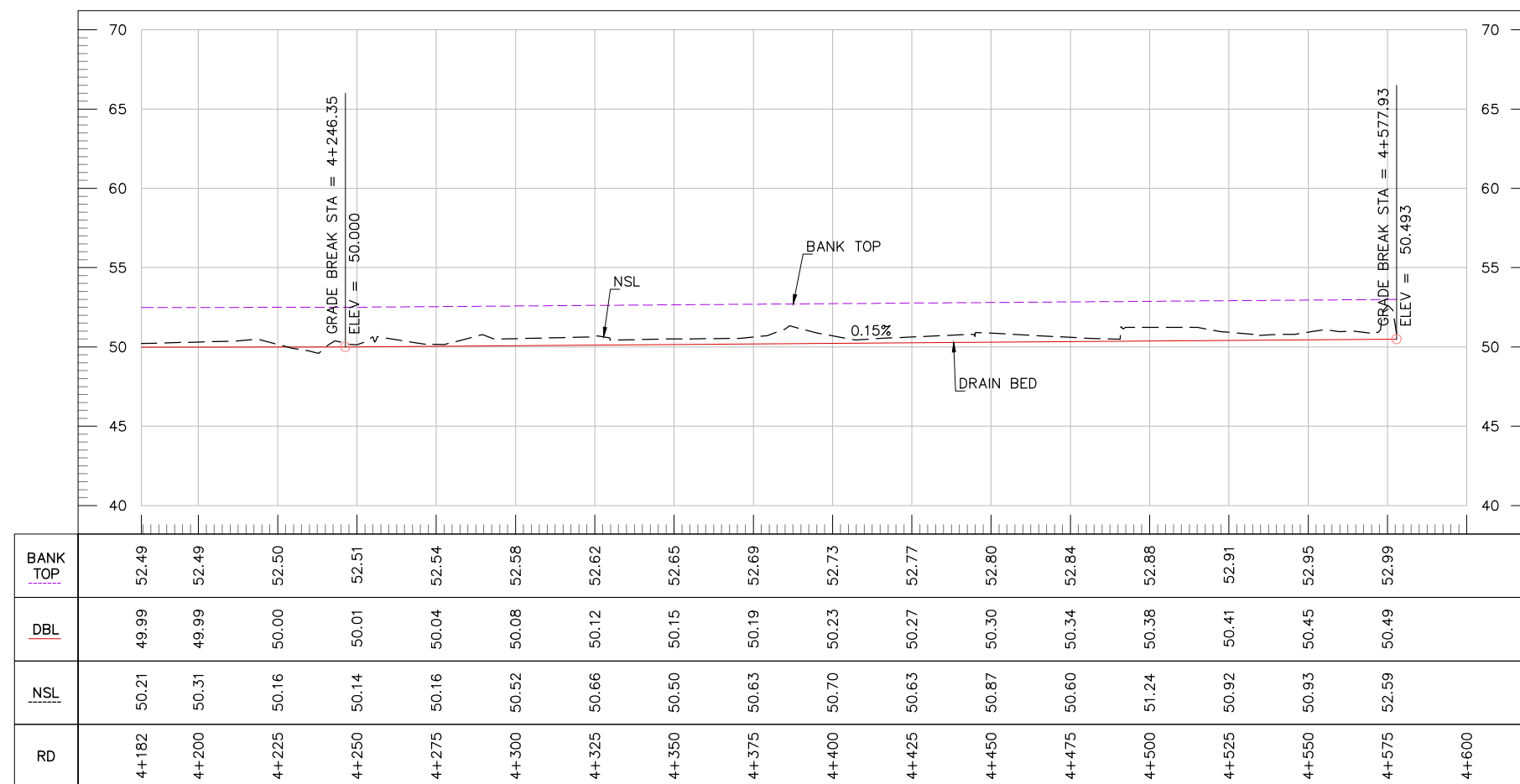


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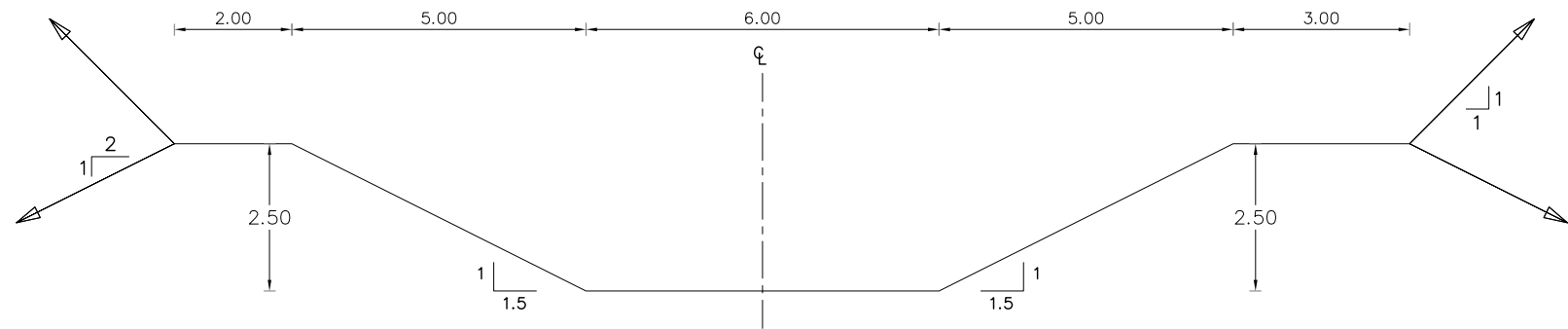


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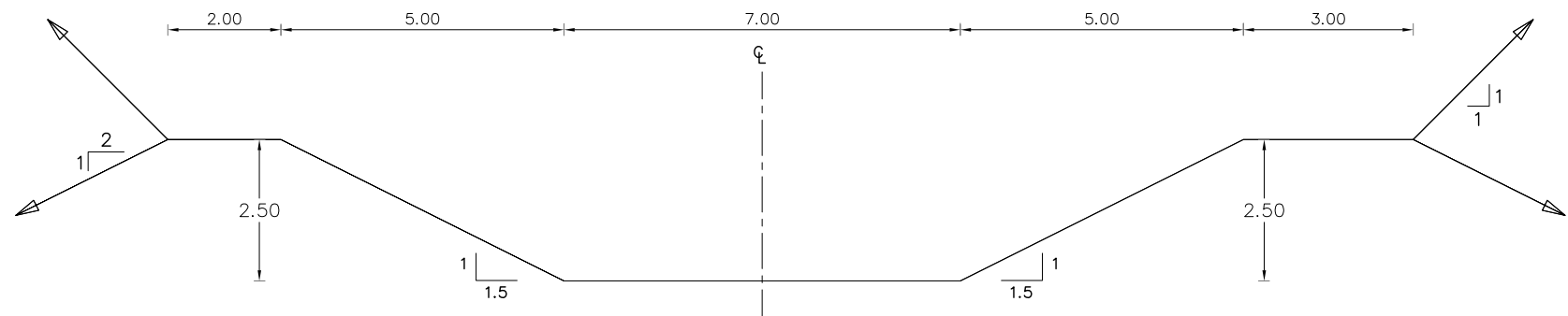


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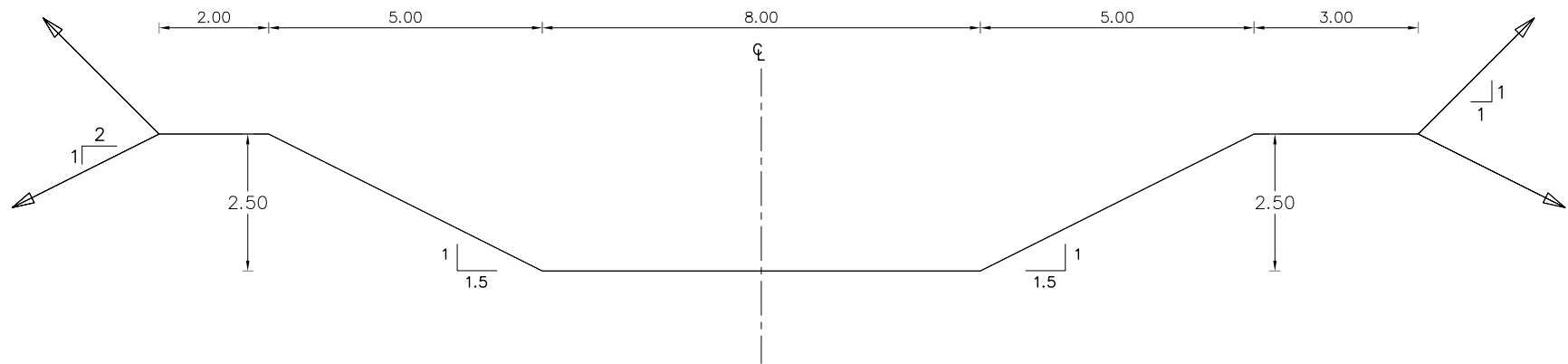
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TYPICAL CROSS SECTION FROM RD 0+042 TO 1+800



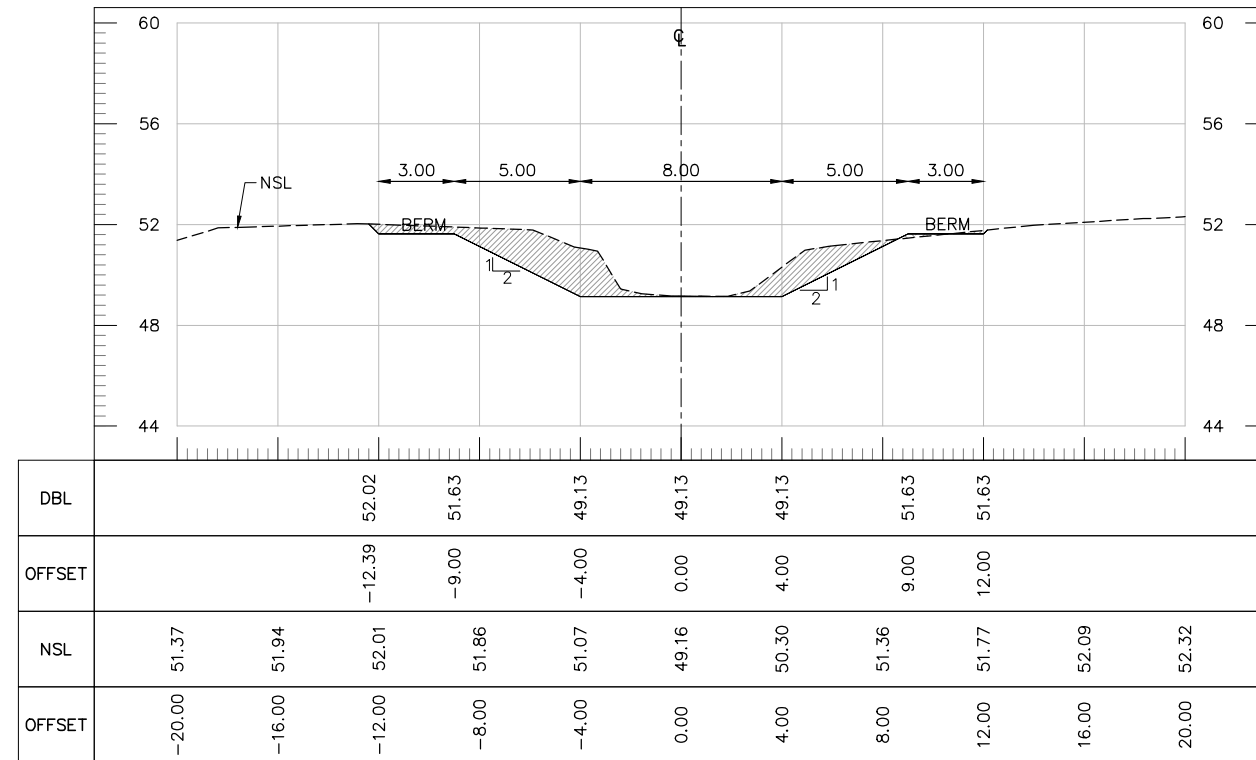
TYPICAL CROSS SECTION FROM RD 1+800 TO 3+000



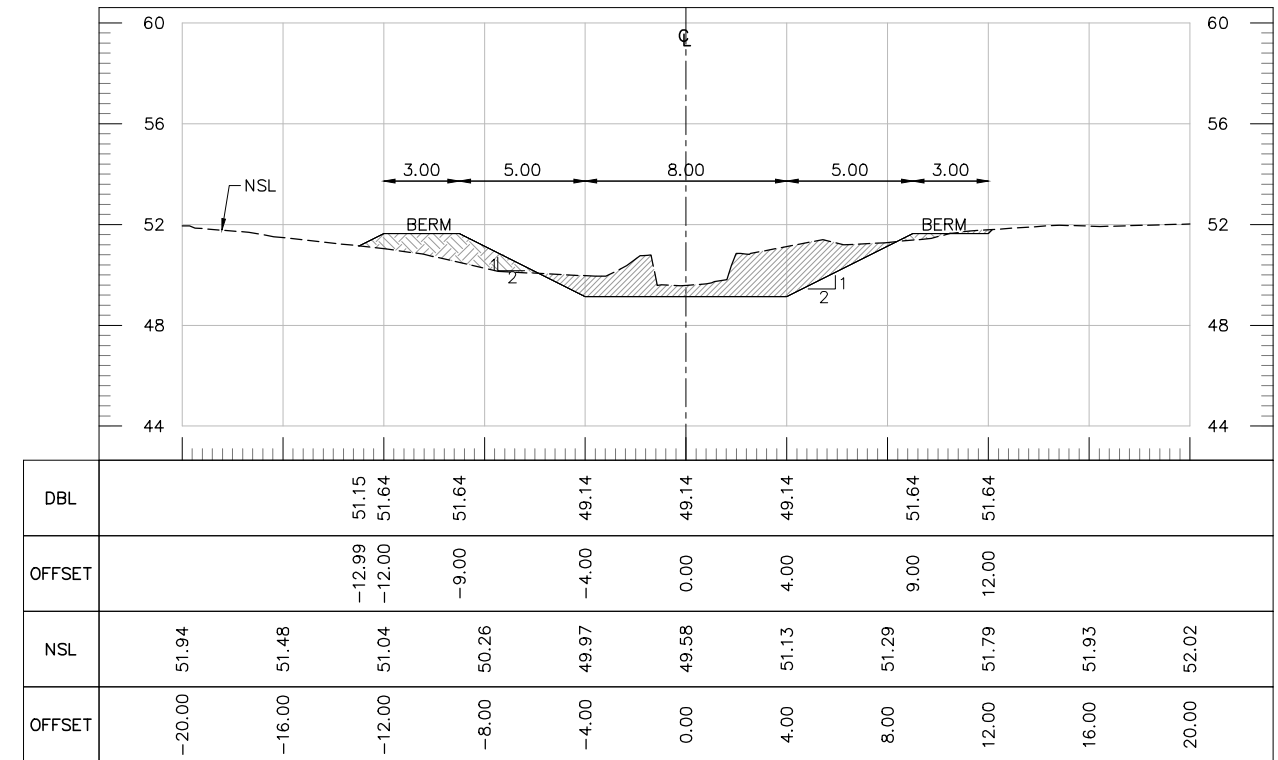
TYPICAL CROSS SECTION FROM RD 3+000 TO 4+577

TENDER DRAWINGS

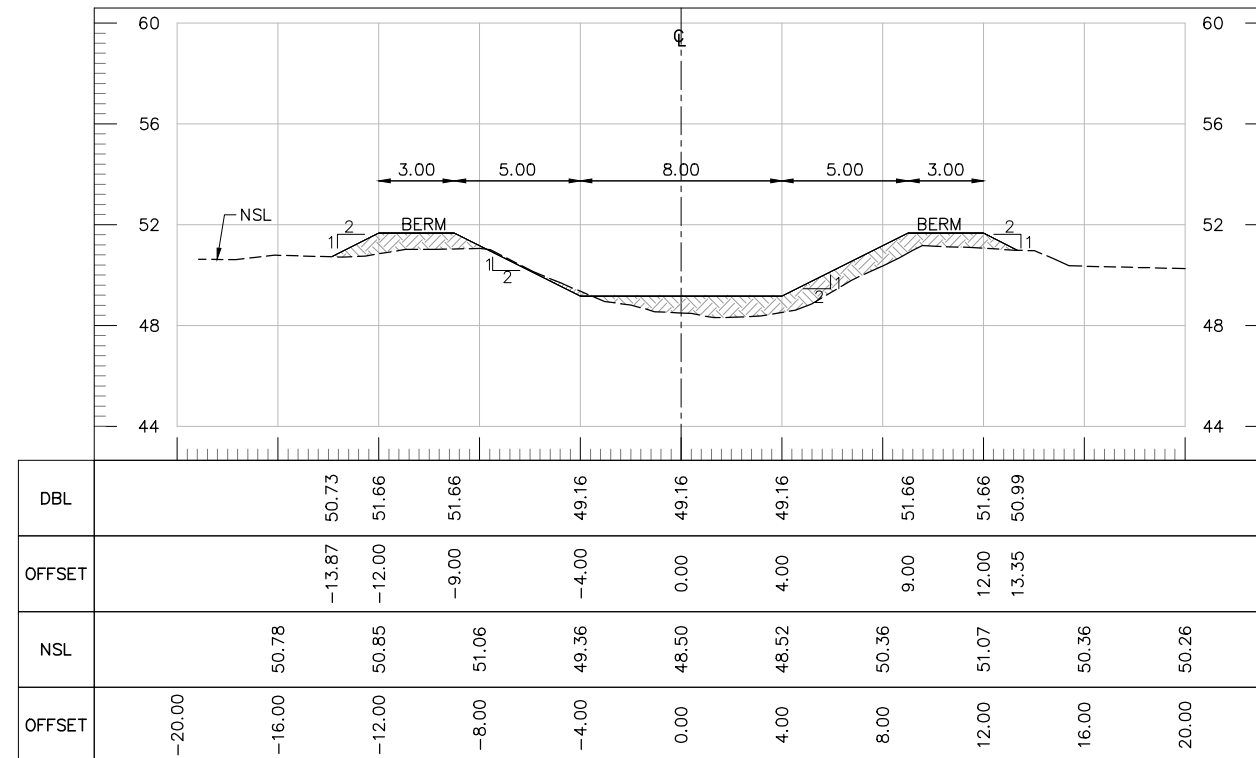
CLIENT:  IRRIGATION DEPARTMENT GOVERNMENT OF BALOCHISTAN	CONSULTANTS:  CAMEOS CONSULTANTS CONSULTING ENGINEERS ARCHITECTS & PLANNERS. PLOT NO.07 PARIS ARCADE STREET, NO. 36 E-11/3 MARKAZ ISLAMABAD, H. NO.38 CHAMAN HOUSING AIRPORT ROAD QUETTA.	PROJECT TITLE: INTEGRATED FLOOD RESILIENCE AND ADAPTATION PROJECT	SCHEME NAME: REHABILITATION OF MAIN DRAINS UMRANI, MAGSI AND RUPA DRAINS IN DISTRICT NASEERABAD AND JAFFARABAD (PACKAGE-04)	DRAWING TITLE:- TYPICAL CROSS SECTION OF UMRANI DRAIN	NOTES: ALL LEVELS AND DIMENSIONS ARE IN METERS UNLESS INDICATED OTHERWISE.	DRAWN BY: FAISAL / USAMA CHECKED BY: ZIA-UL-HAQ FILE PATH: G:/ IFRAP DRAWING NO: IFRAP-P04/URN-08	DESIGNED BY: KAMRAN BABAR SCALE: 1:125 DATE: Feb-26 SHEET:- #### OF 13
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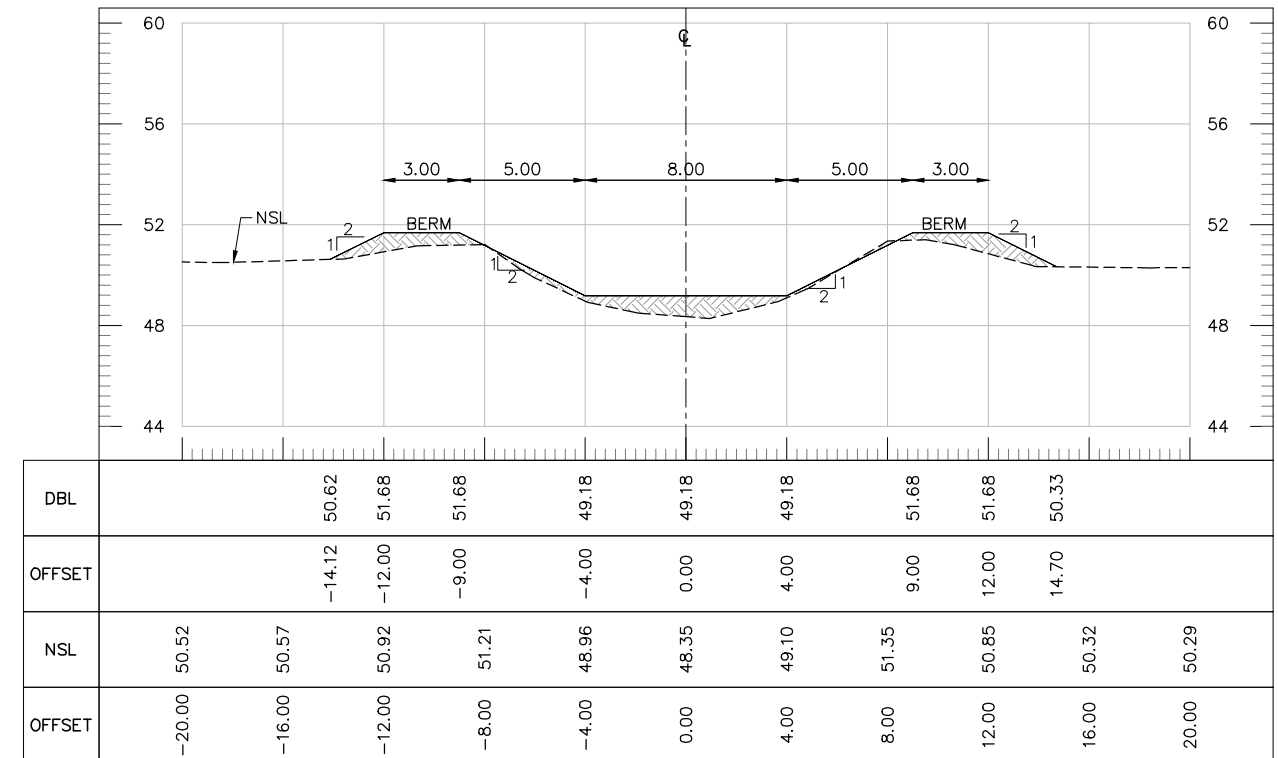
AT RD 0+050



AT RD 0+100



AT RD 0+200



AT RD 0+300

TENDER DRAWINGS

CLIENT:



IRRIGATION DEPARTMENT
GOVERNMENT OF
BALOCHISTAN

CONSULTANTS:



CONSULTANTS
CONSULTING ENGINEERS ARCHITECTS & PLANNERS.
PLOT NO.07 PARIS ARCADE STREET, NO. 36 E-11/3 MARKAZ ISLAMABAD.
H. NO.38 CHAMAN HOUSING AIRPORT ROAD QUETTA.

PROJECT TITLE:

INTEGRATED FLOOD RESILIENCE AND
ADAPTATION PROJECT

SCHEME NAME:

REHABILITATION OF MAIN DRAINS
UMRANI, MAGSI AND RUPA DRAINS IN
DISTRICT NASEERABAD AND JAFFARABAD
(PACKAGE-04)

DRAWING TITLE:-

CROSS SECTIONS OF
UMRANI DRAIN

NOTES:

ALL LEVELS AND DIMENSIONS ARE
IN METERS UNLESS INDICATED
OTHERWISE.

DRAWN BY: FAISAL / USAMA

DESIGNED BY: KAMRAN BABAR

CHECKED BY: ZIA-UL-HAQ

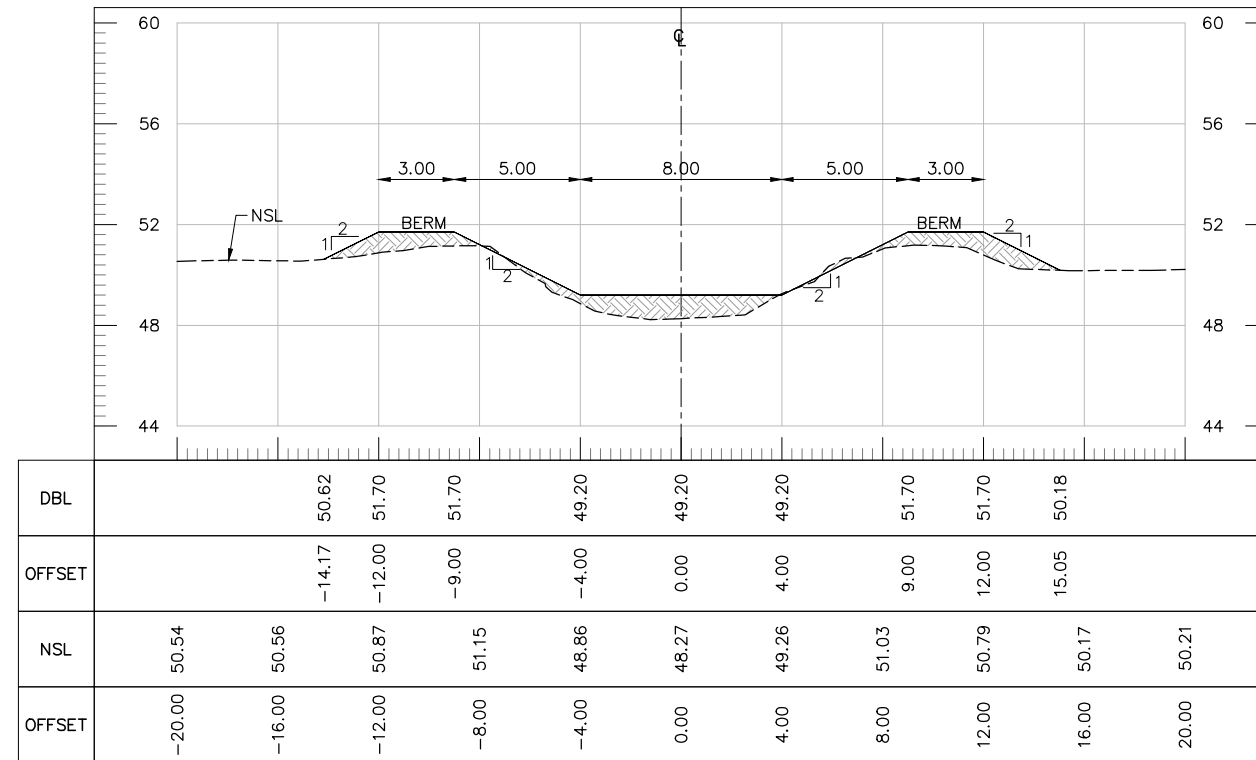
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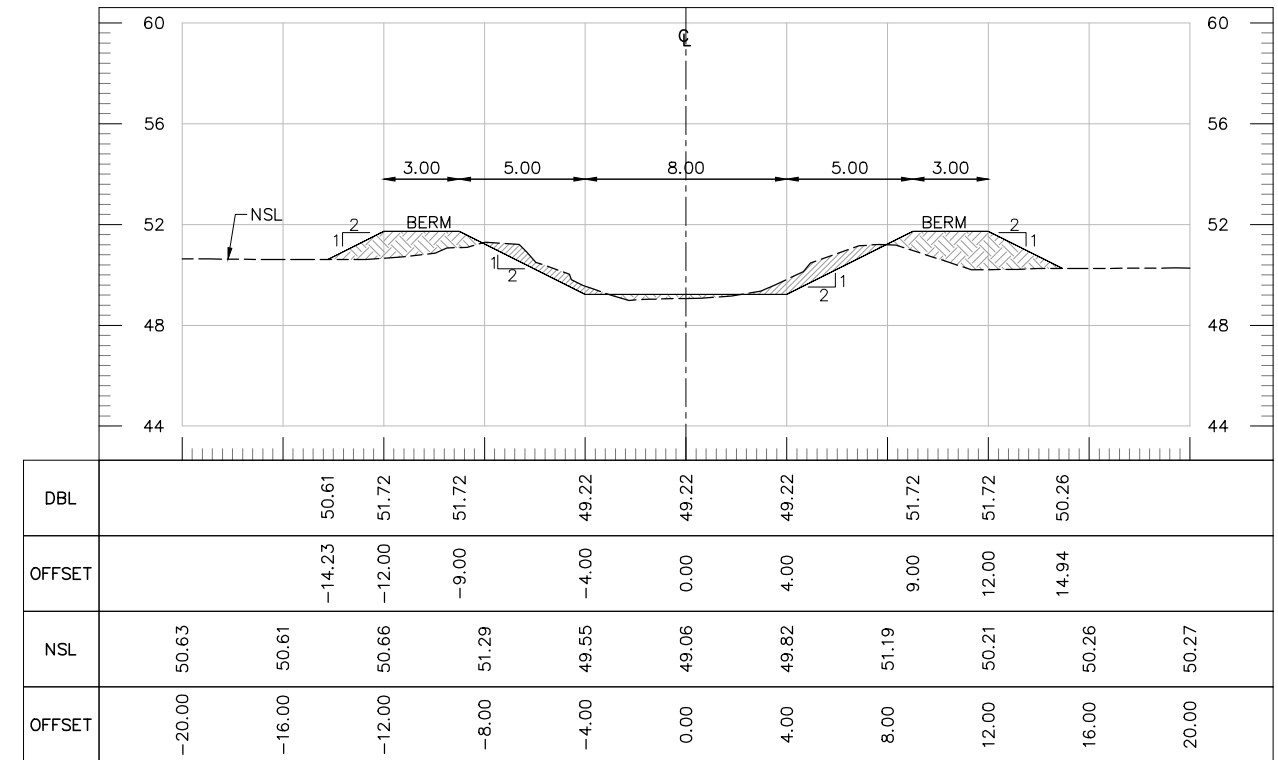
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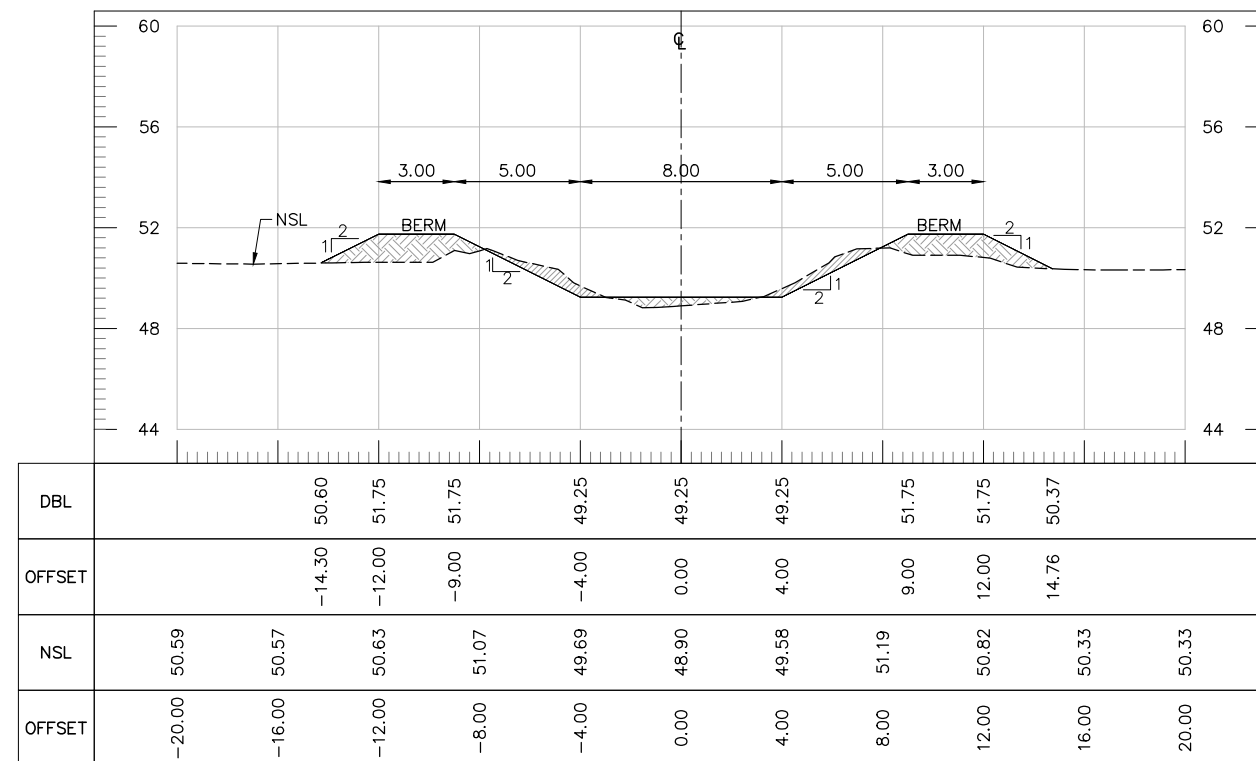
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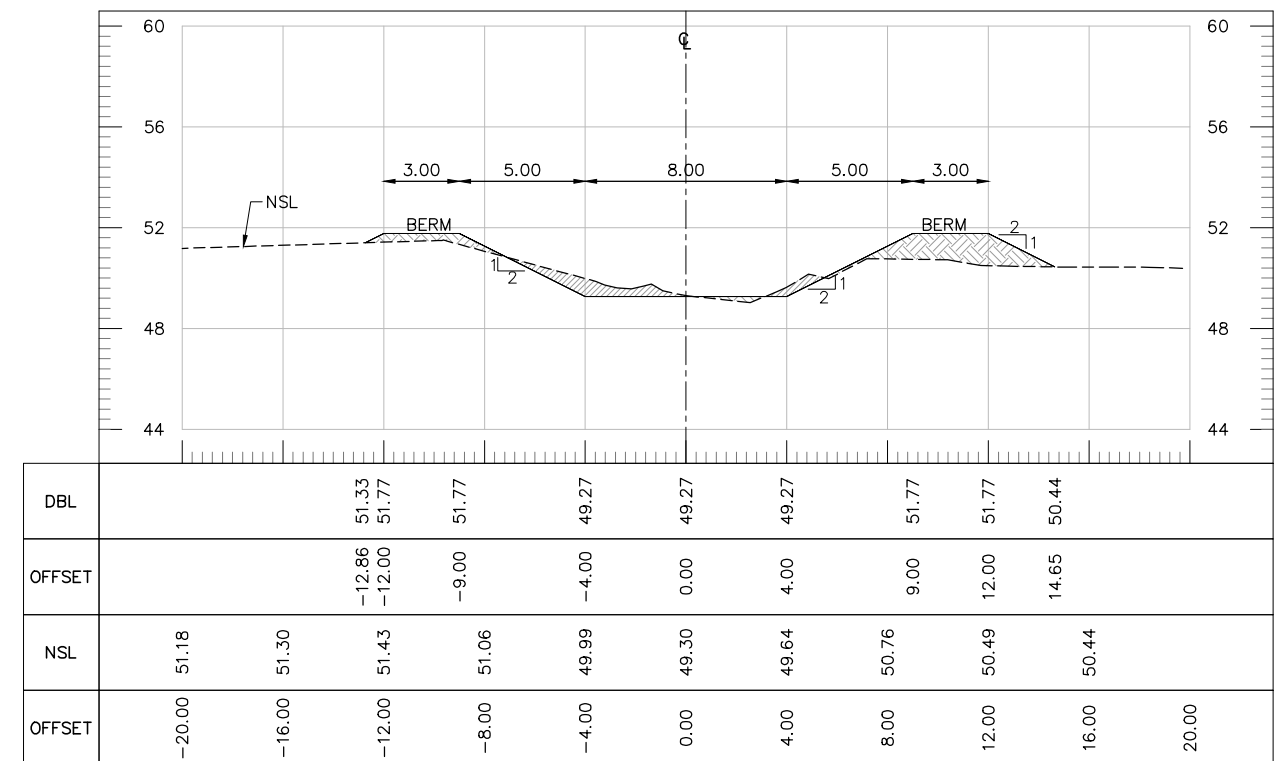
AT RD 0+400



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AT RD 0+600



AT RD 0+700

TENDER DRAWINGS

CLIENT:



IRRIGATION DEPARTMENT
GOVERNMENT OF
BALOCHISTAN

CONSULTANTS:



CONSULTANTS
CONSULTING ENGINEERS ARCHITECTS & PLANNERS.
PLOT NO.07 PARIS ARCADE STREET, NO. 36 E-11/3 MARKAZ ISLAMABAD.
H. NO.38 CHAMAN HOUSING AIRPORT ROAD QUETTA.

PROJECT TITLE:

INTEGRATED FLOOD RESILIENCE AND
ADAPTATION PROJECT

SCHEME NAME:

REHABILITATION OF MAIN DRAINS
UMRANI, MAGSI AND RUPA DRAINS IN
DISTRICT NASEERABAD AND JAFFARABAD
(PACKAGE-04)

DRAWING TITLE:-

CROSS SECTIONS OF
UMRANI DRAIN

NOTES:

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OTHERWISE.

DRAWN BY: FAISAL / USAMA

DESIGNED BY: KAMRAN BABAR

CHECKED BY: ZIA-UL-HAQ

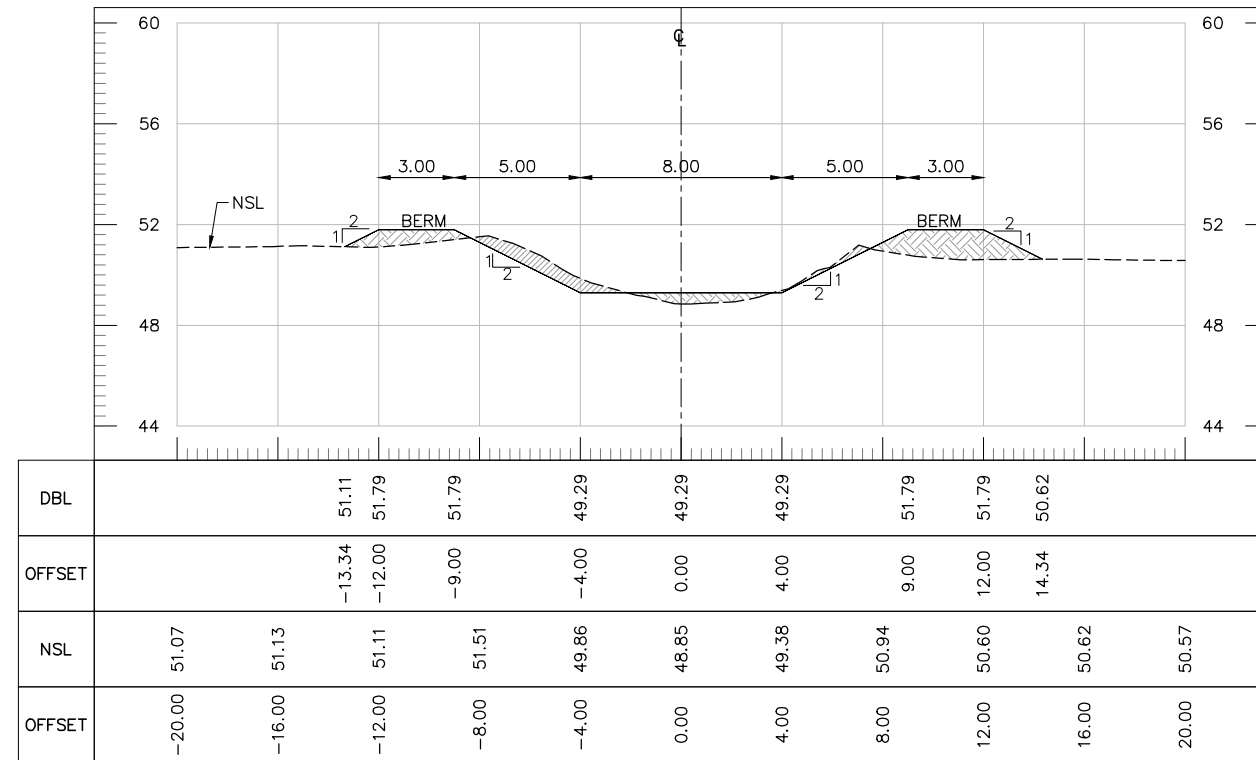
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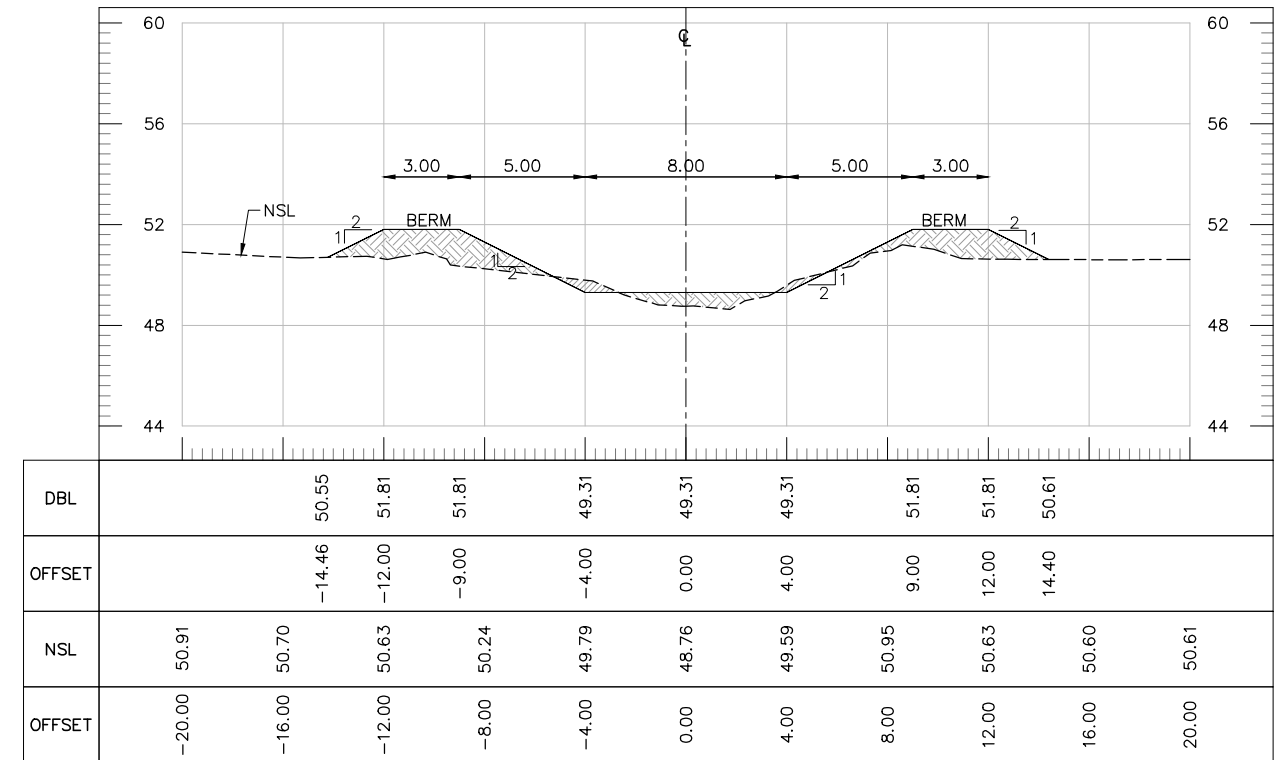
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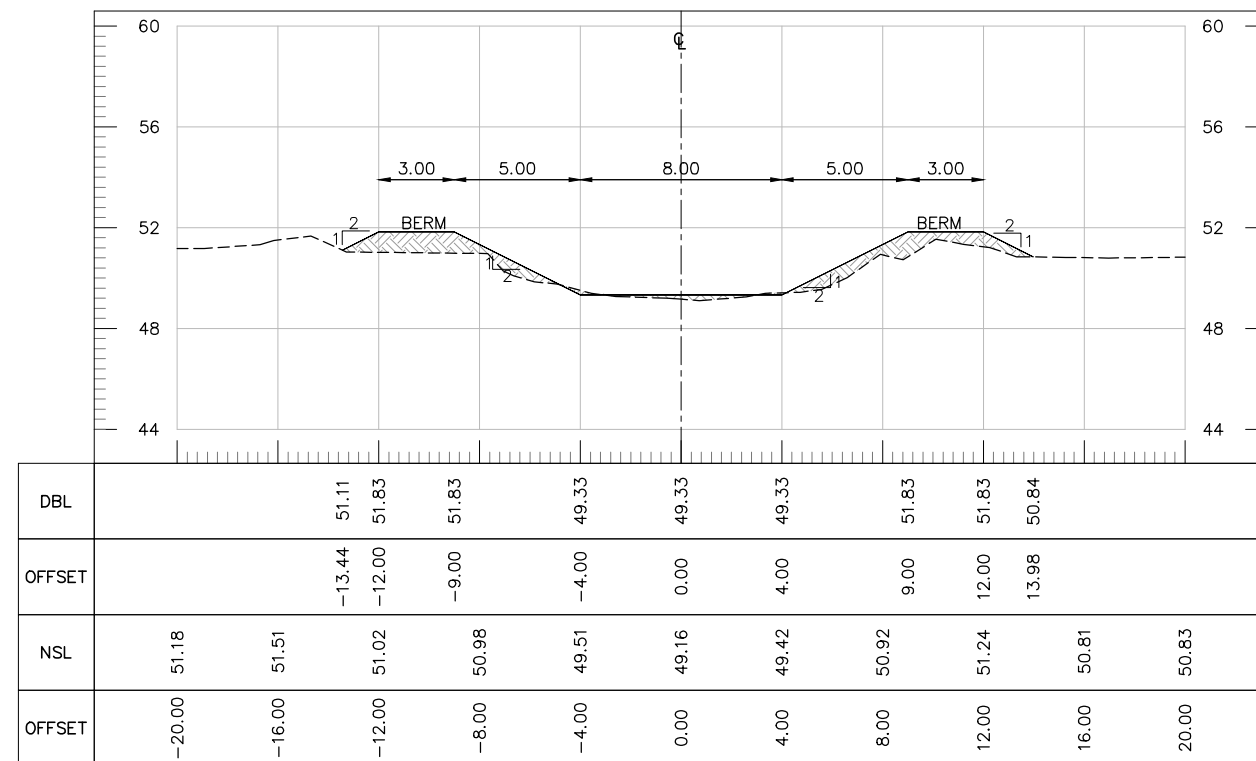
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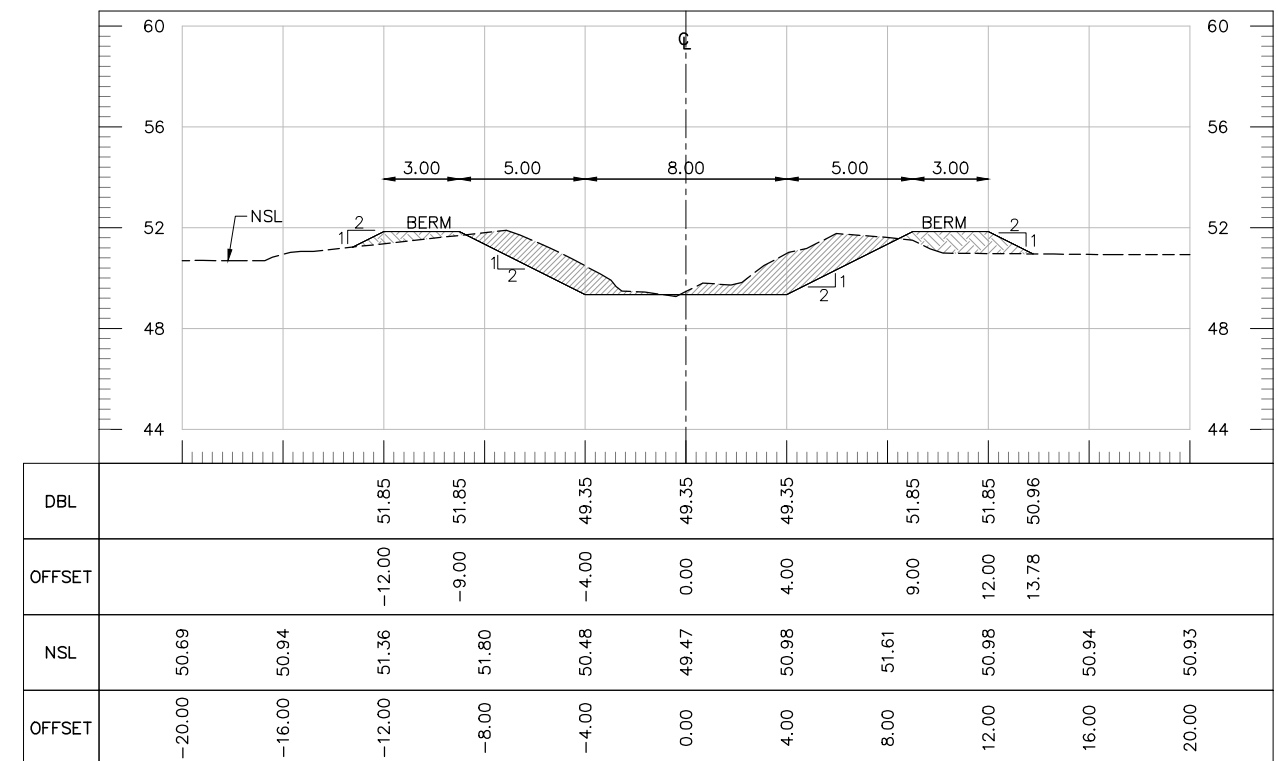
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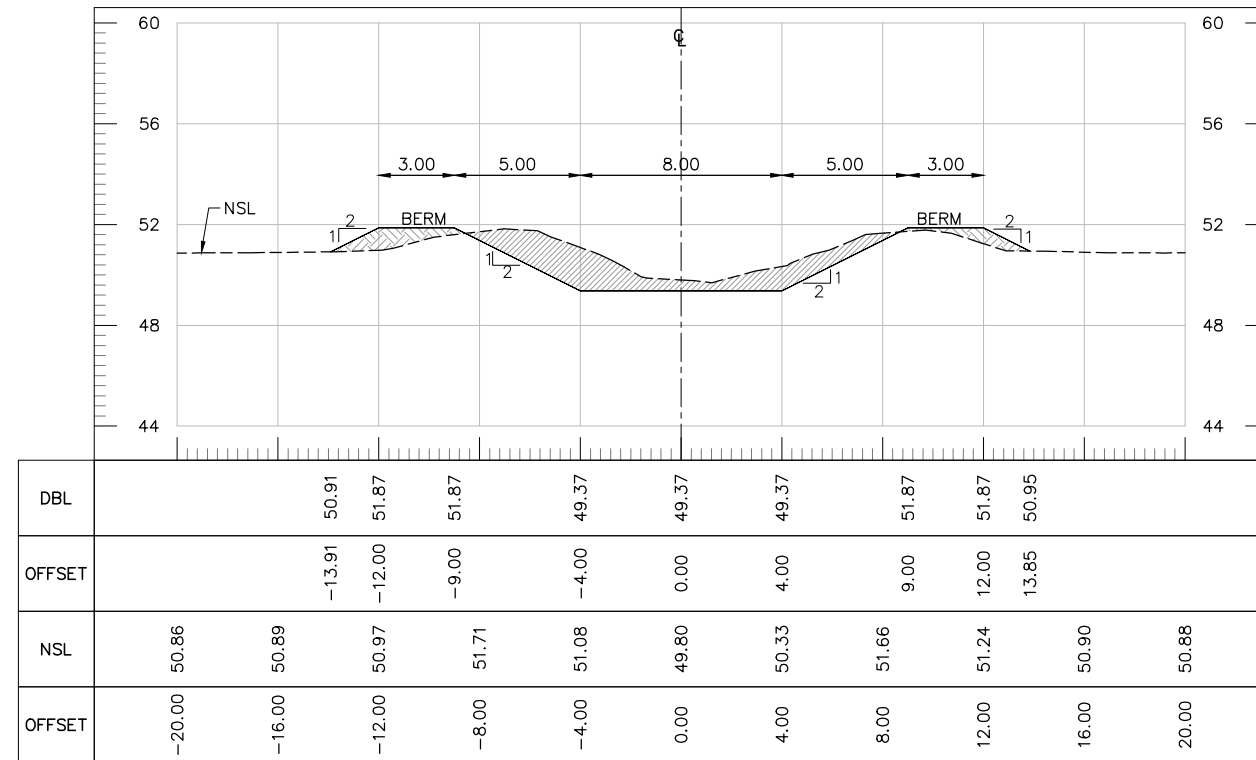


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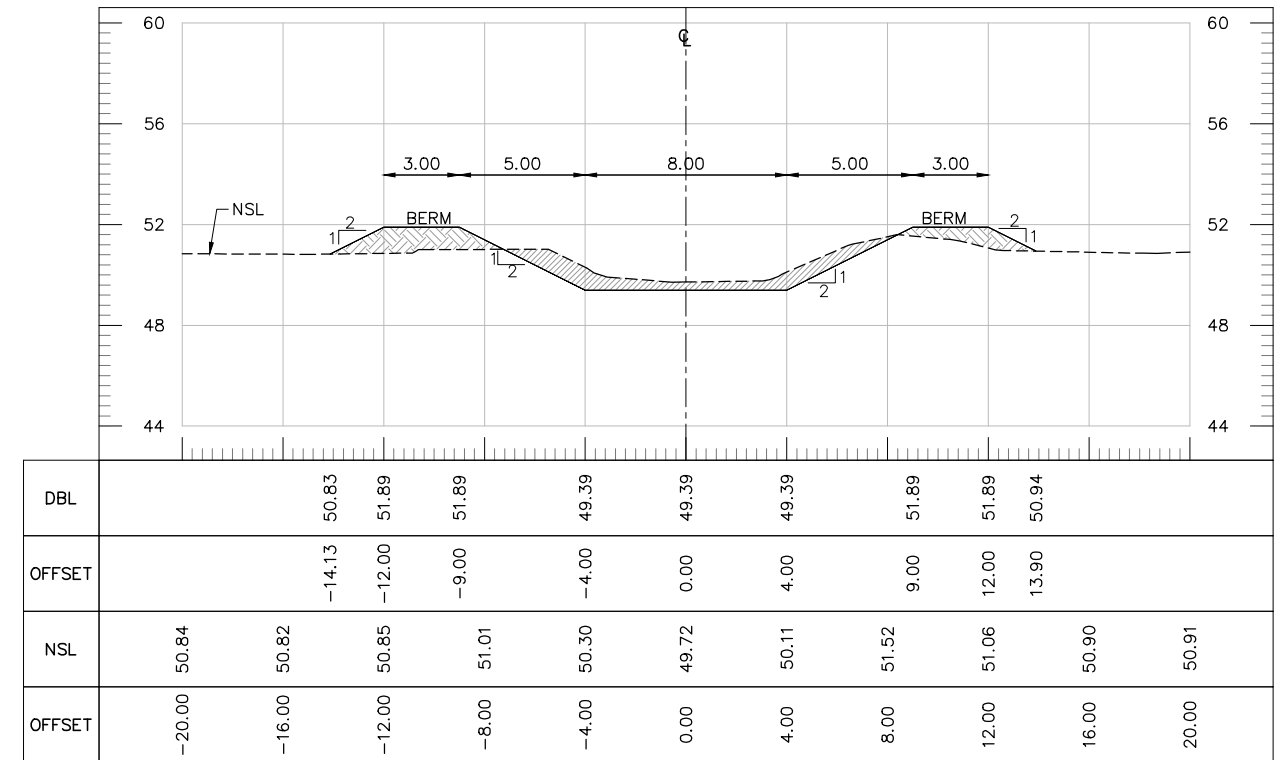


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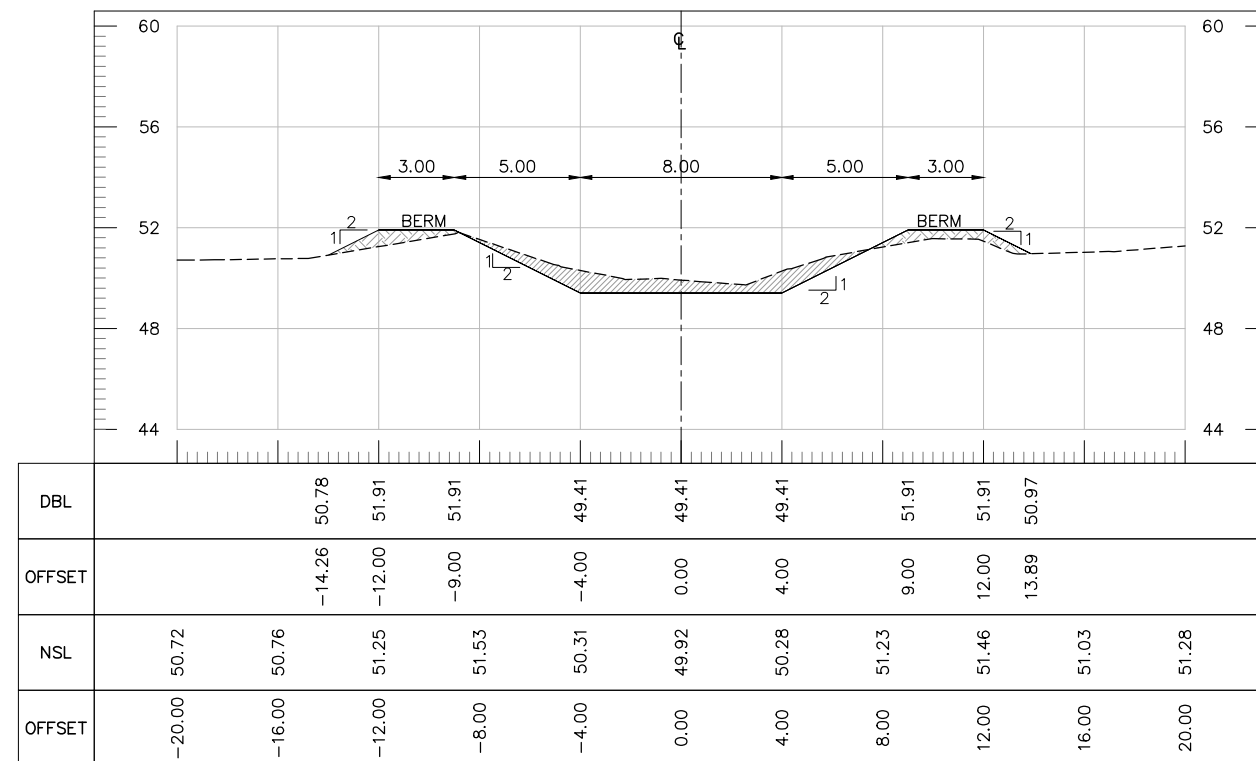
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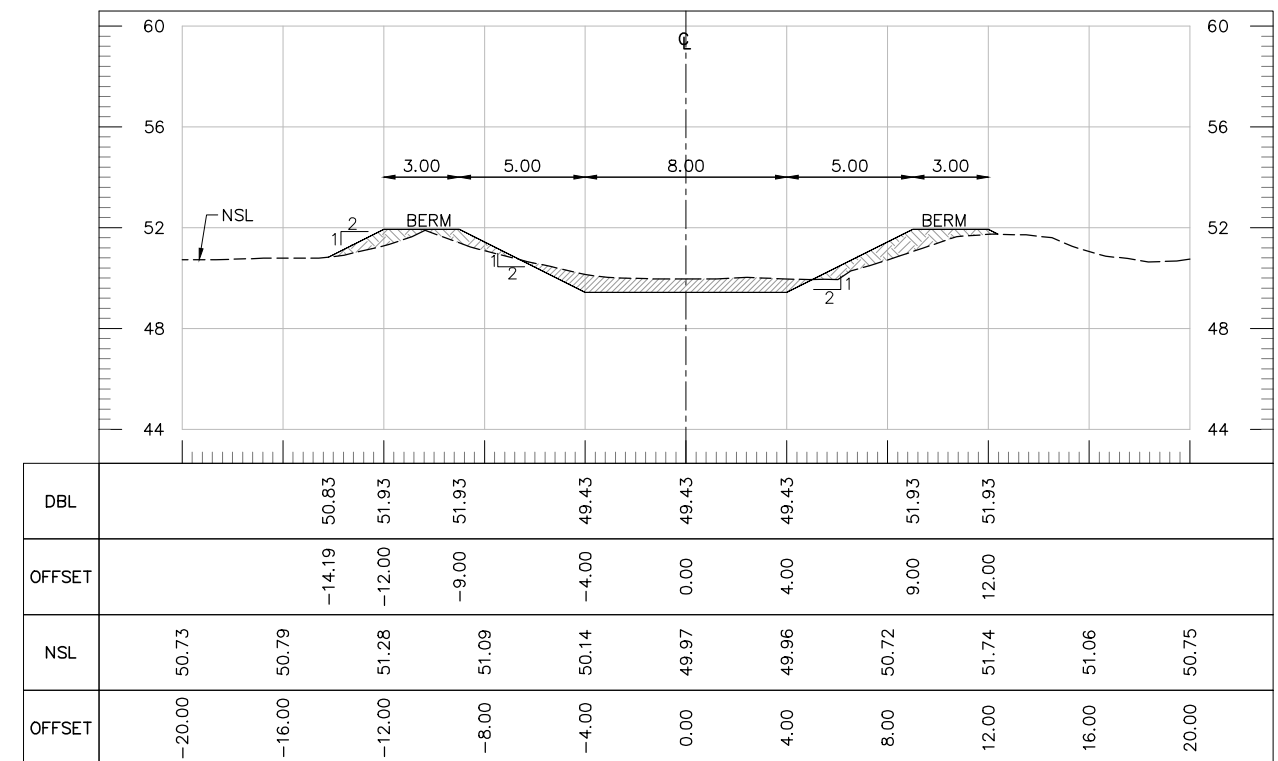
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AT RD 1+300



AT RD 1+400



AT RD 1+500

TENDER DRAWINGS

CLIENT:



IRRIGATION DEPARTMENT
GOVERNMENT OF
BALOCHISTAN

CONSULTANTS:



CONSULTANTS
ARCHITECTS & PLANNERS.
PLOT NO.07 PARIS ARCADE STREET, NO. 36 E-11/3 MARKAZ ISLAMABAD.
H. NO.38 CHAMAN HOUSING AIRPORT ROAD QUETTA.

PROJECT TITLE:

INTEGRATED FLOOD RESILIENCE AND
ADAPTATION PROJECT

SCHEME NAME:

REHABILITATION OF MAIN DRAINS
UMRANI, MAGSI AND RUPA DRAINS IN
DISTRICT NASEERABAD AND JAFFARABAD
(PACKAGE-04)

DRAWING TITLE:-

CROSS SECTIONS OF
UMRANI DRAIN

NOTES:

ALL LEVELS AND DIMENSIONS ARE
IN METERS UNLESS INDICATED
OTHERWISE.

DRAWN BY: FAISAL / USAMA

DESIGNED BY: KAMRAN BABAR

CHECKED BY: ZIA-UL-HAQ

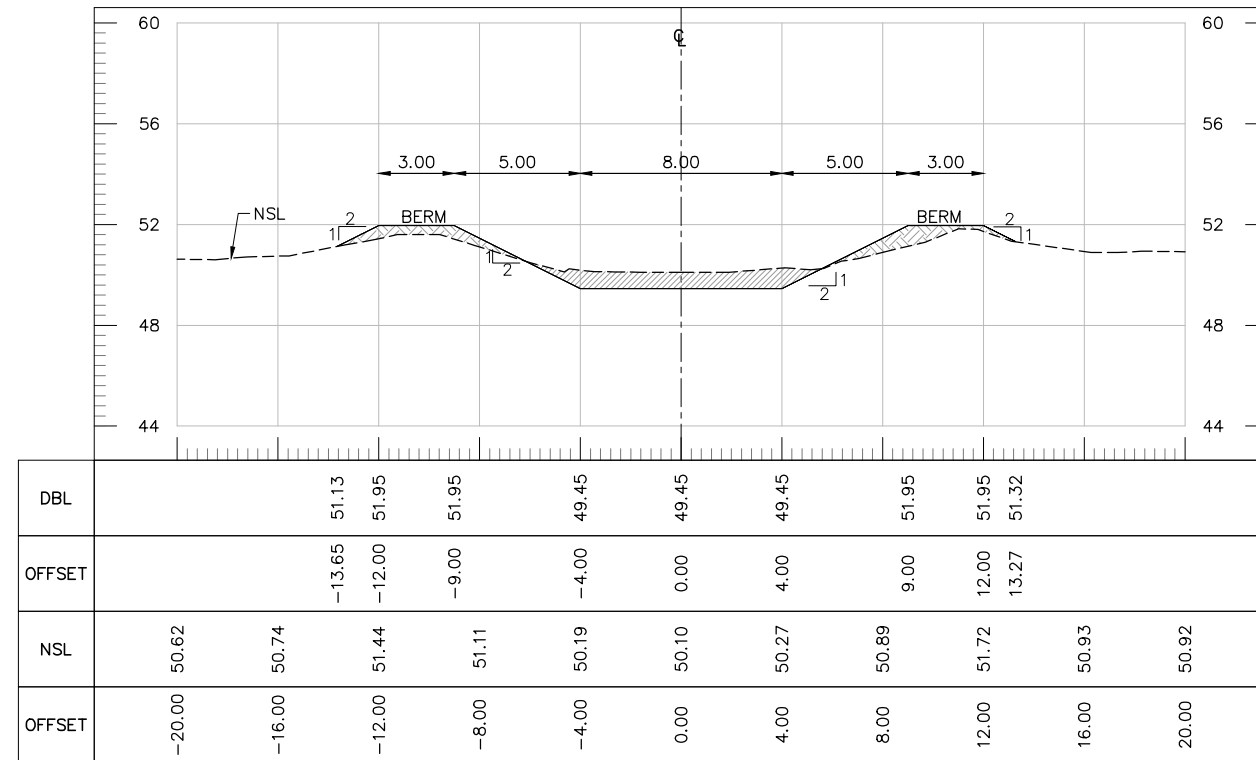
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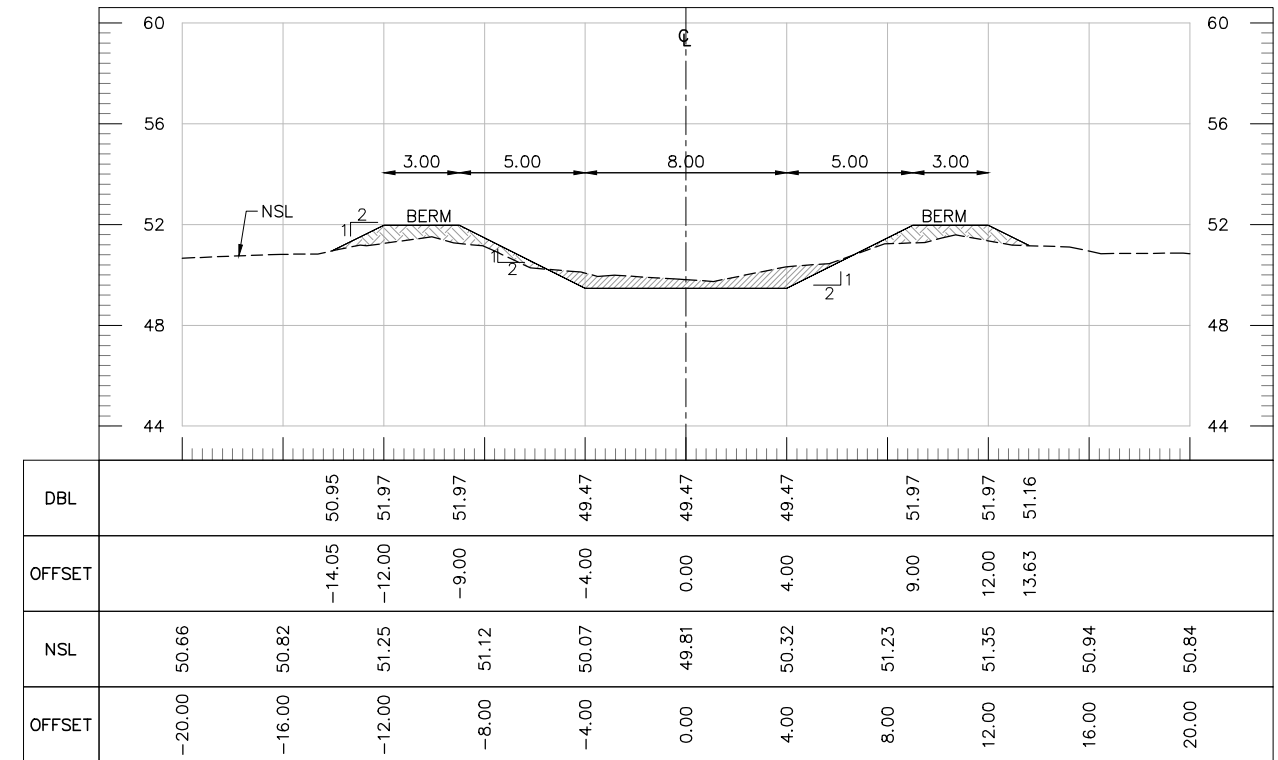
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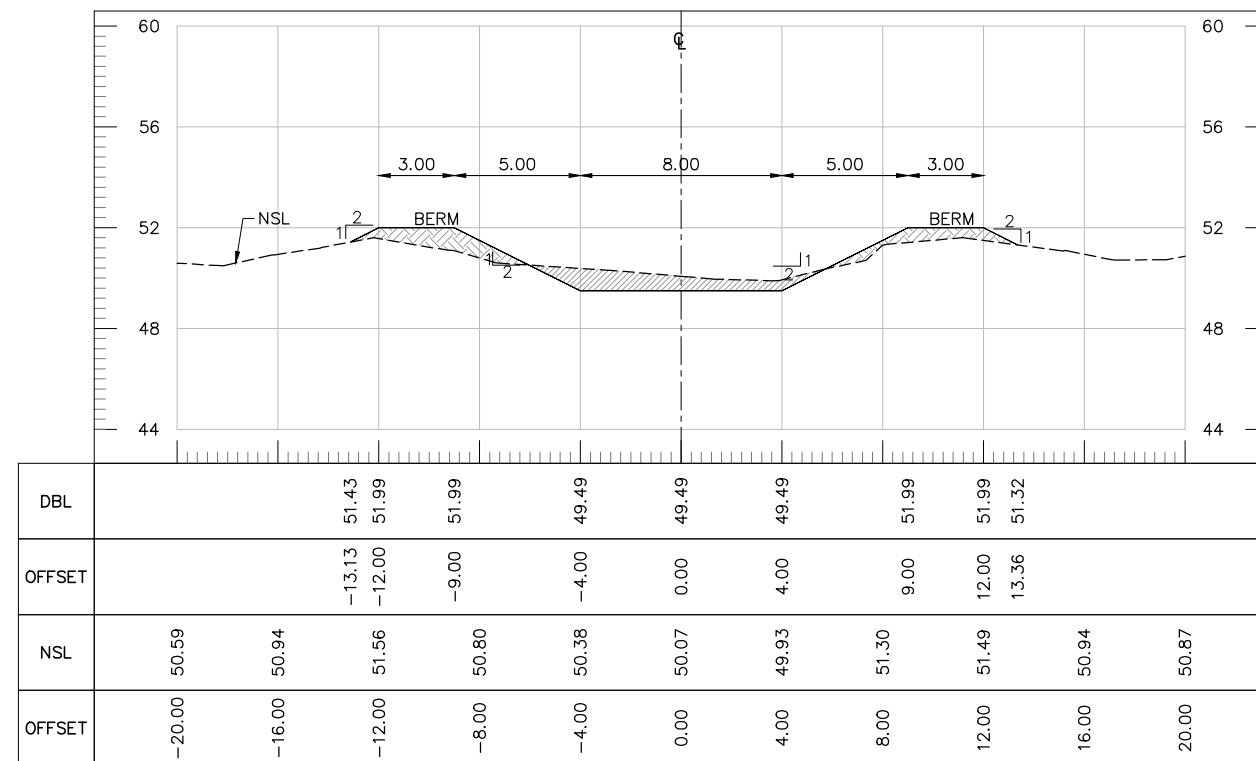
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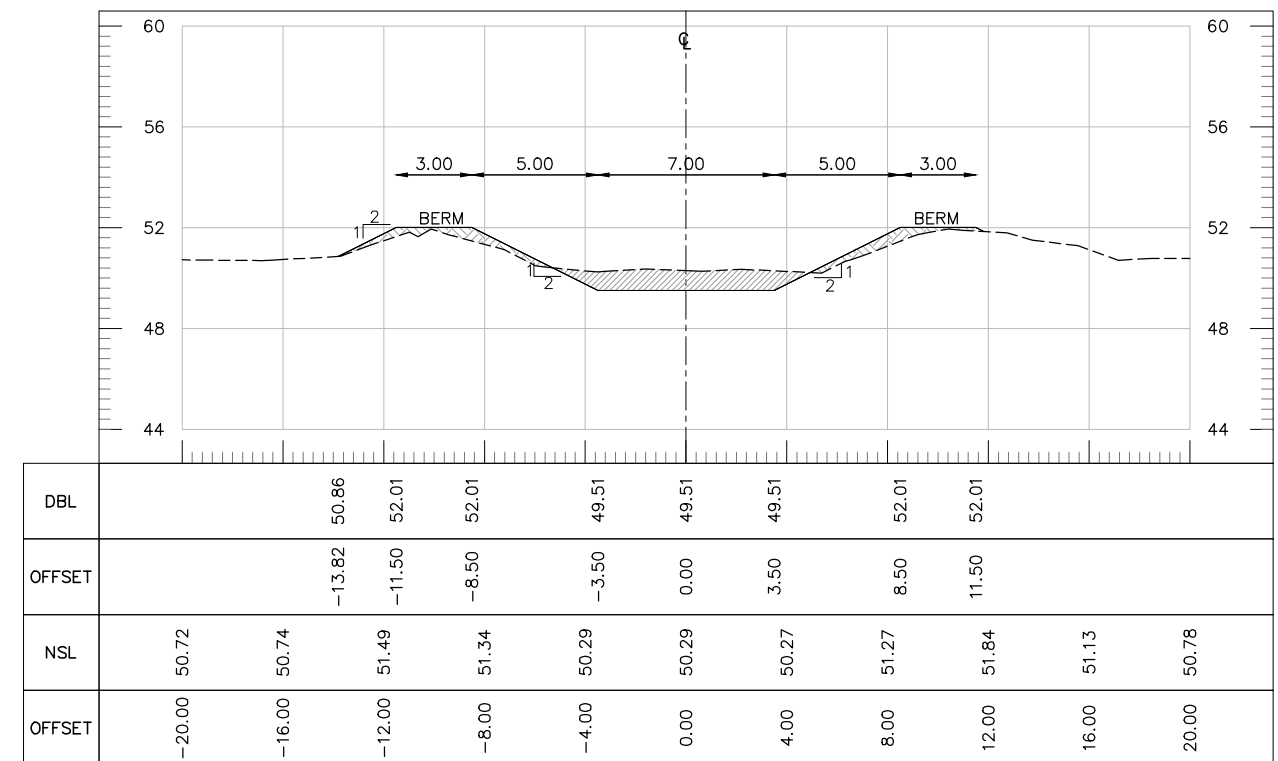
AT RD 1+600



AT RD 1+700



AT RD 1+800



AT RD 1+900

TENDER DRAWINGS

CLIENT:



IRRIGATION DEPARTMENT
GOVERNMENT OF
BALOCHISTAN

CONSULTANTS:



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CONSULTING ENGINEERS ARCHITECTS & PLANNERS.
PLOT NO.07 PARIS ARCADE STREET, NO. 36 E-11/3 MARKAZ ISLAMABAD.
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SCHEME NAME:

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(PACKAGE-04)

DRAWING TITLE:-

CROSS SECTIONS OF
UMRANI DRAIN

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DRAWN BY: FAISAL / USAMA

DESIGNED BY: KAMRAN BABAR

CHECKED BY: ZIA-UL-HAQ

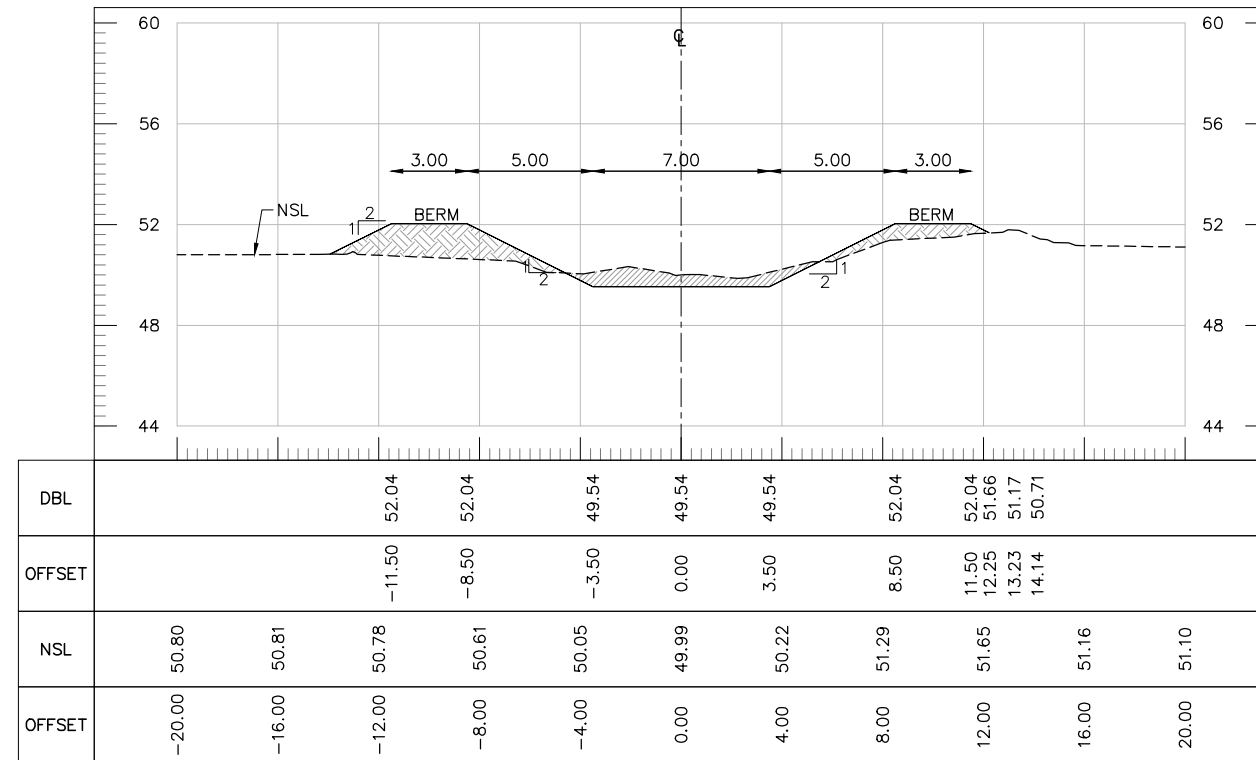
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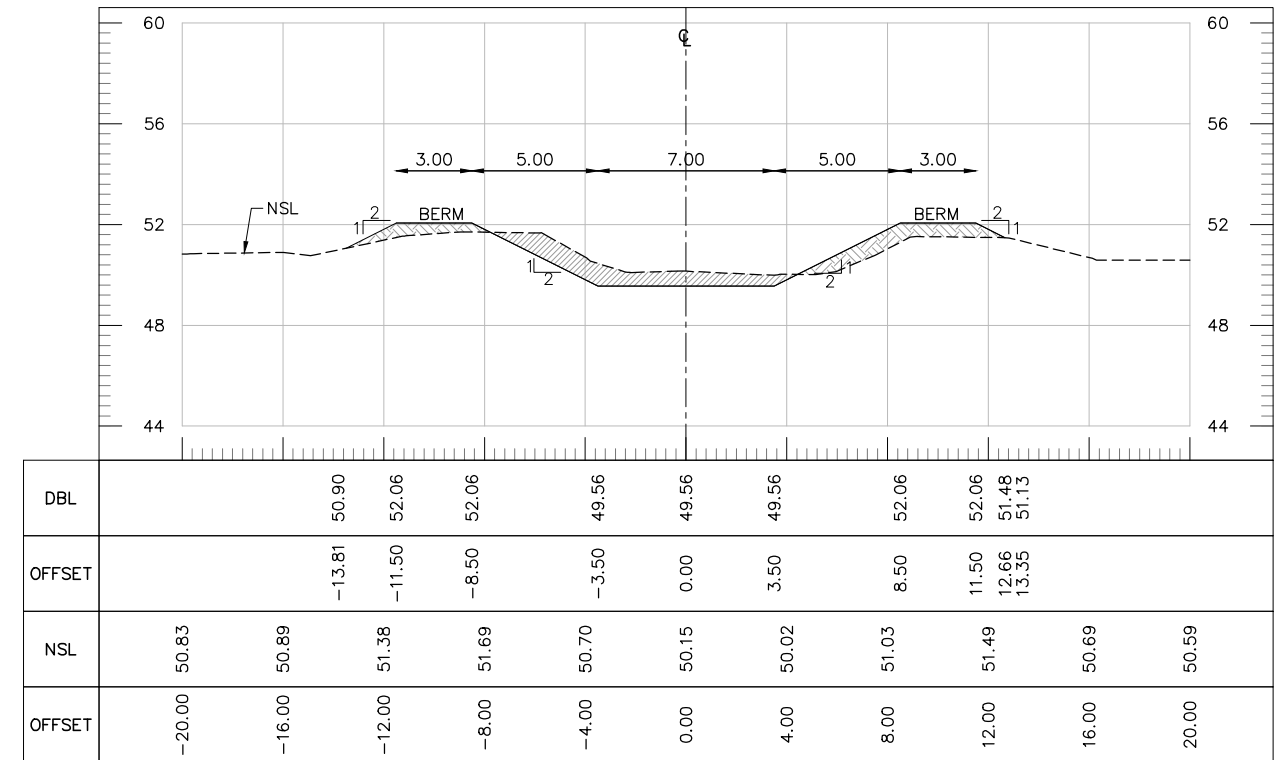
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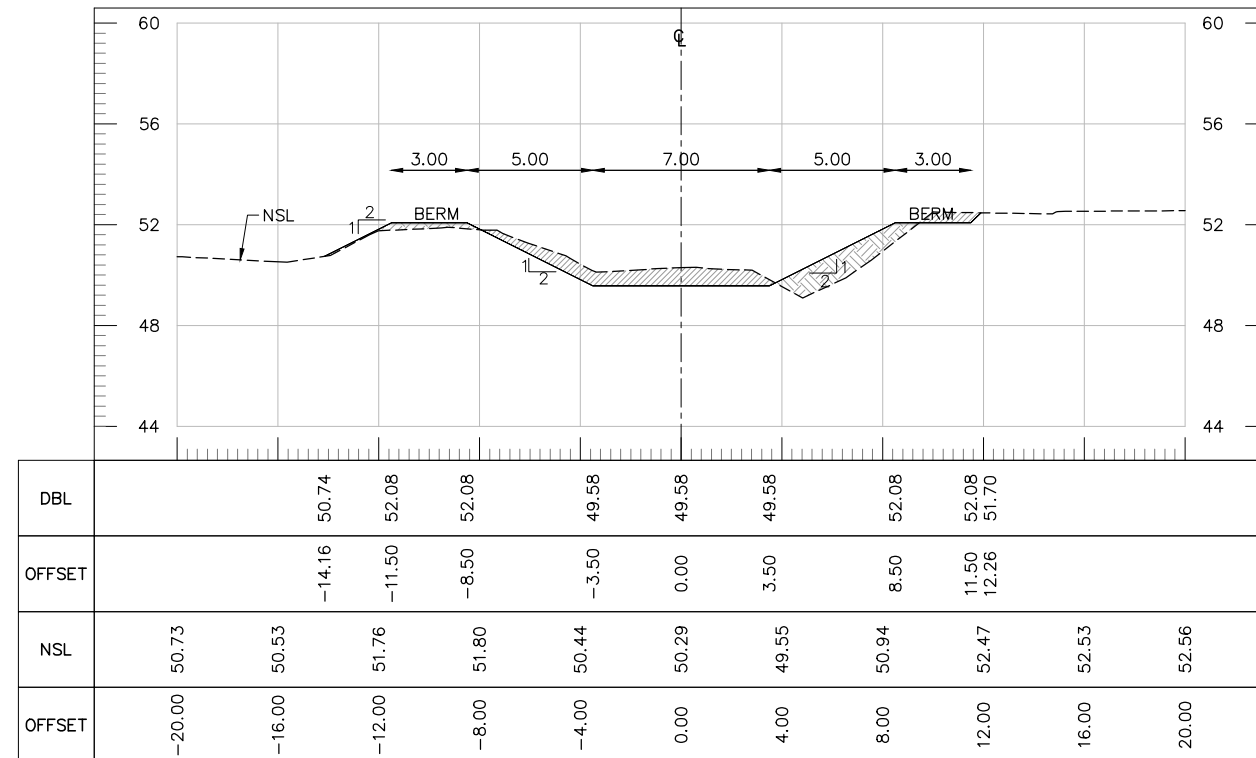
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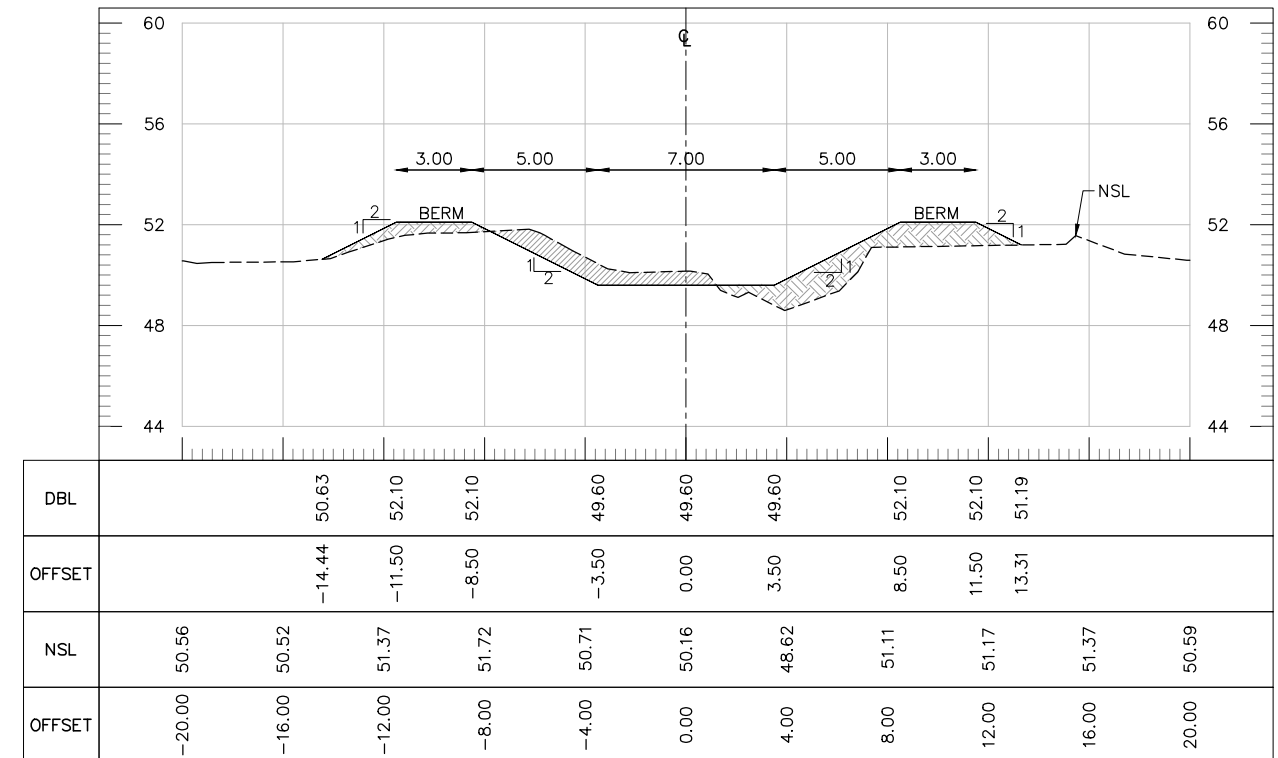
AT RD 2+000



AT RD 2+100



AT RD 2+200



AT RD 2+300

TENDER DRAWINGS

CLIENT:



IRRIGATION DEPARTMENT
GOVERNMENT OF
BALOCHISTAN

CONSULTANTS:



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CONSULTING ENGINEERS ARCHITECTS & PLANNERS.
PLOT NO.07 PARIS ARCADE STREET, NO. 36 E-11/3 MARKAZ ISLAMABAD.
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PROJECT TITLE:

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SCHEME NAME:

REHABILITATION OF MAIN DRAINS
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(PACKAGE-04)

DRAWING TITLE:-

CROSS SECTIONS OF
UMRANI DRAIN

NOTES:

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DRAWN BY: FAISAL / USAMA

DESIGNED BY: KAMRAN BABAR

CHECKED BY: ZIA-UL-HAQ

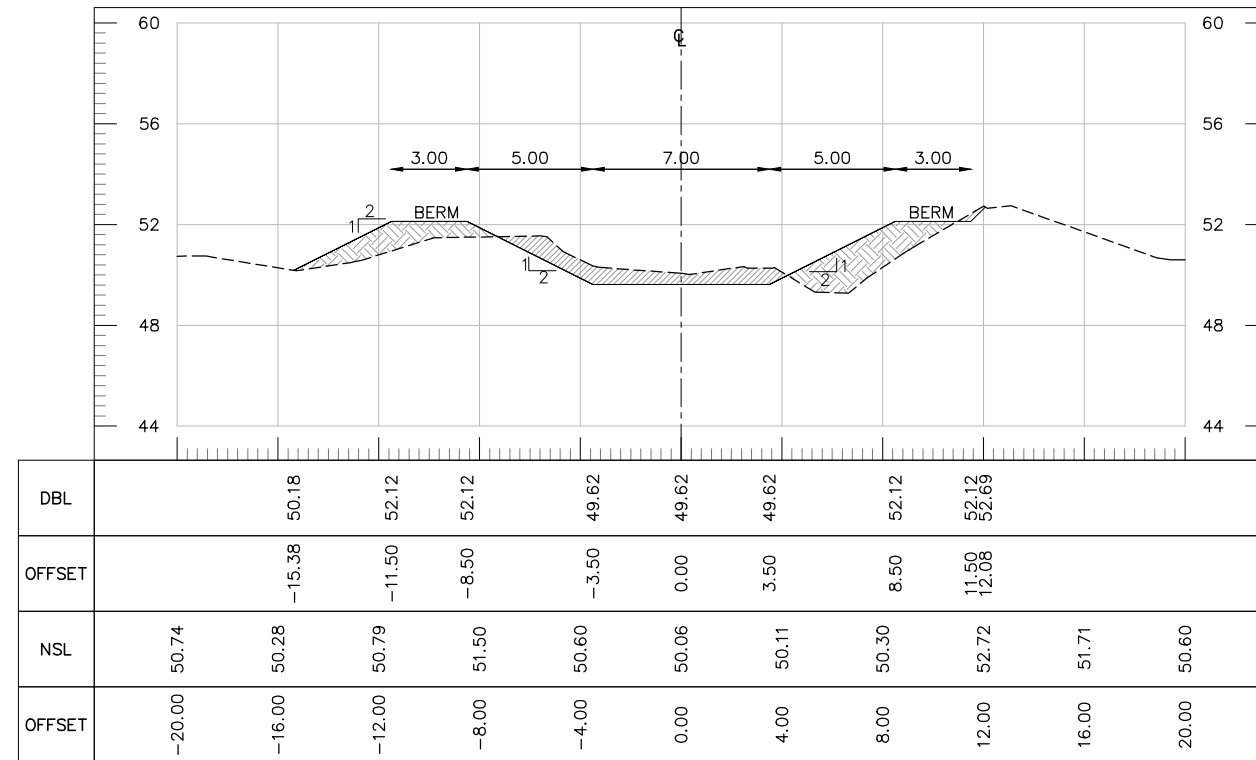
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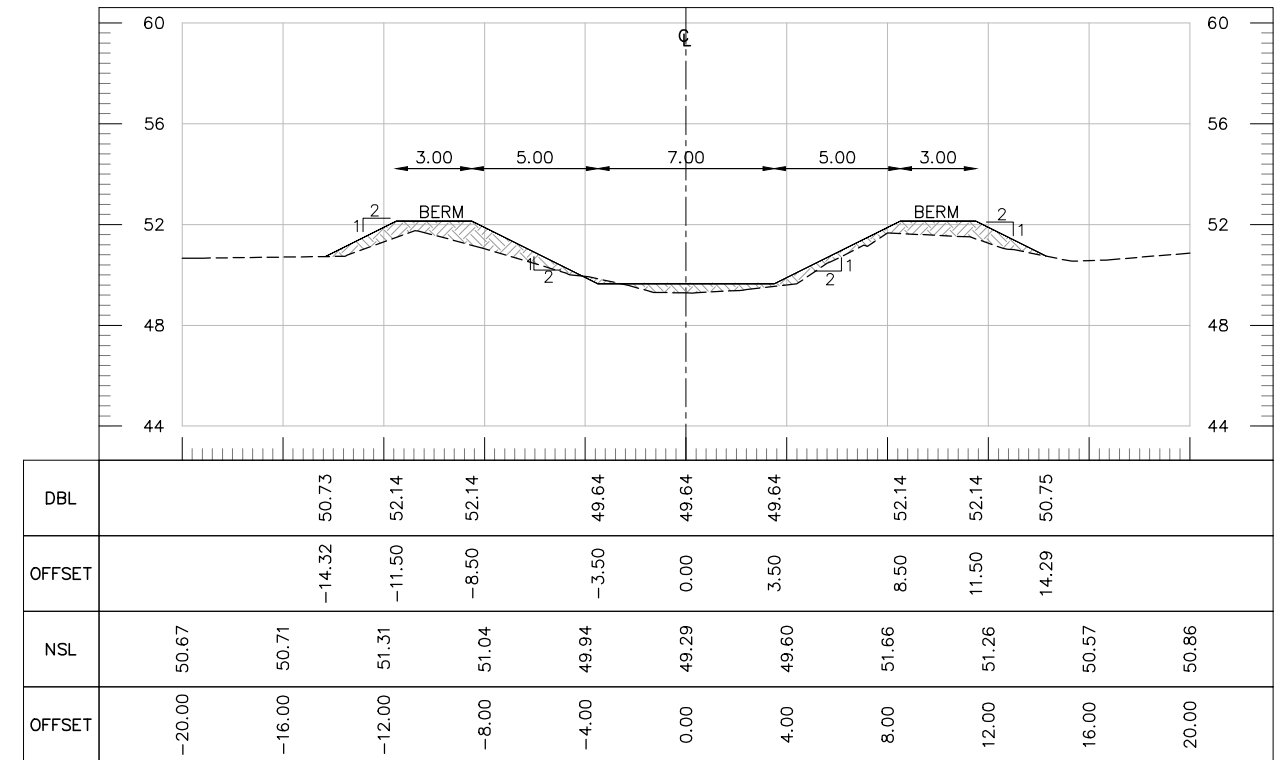
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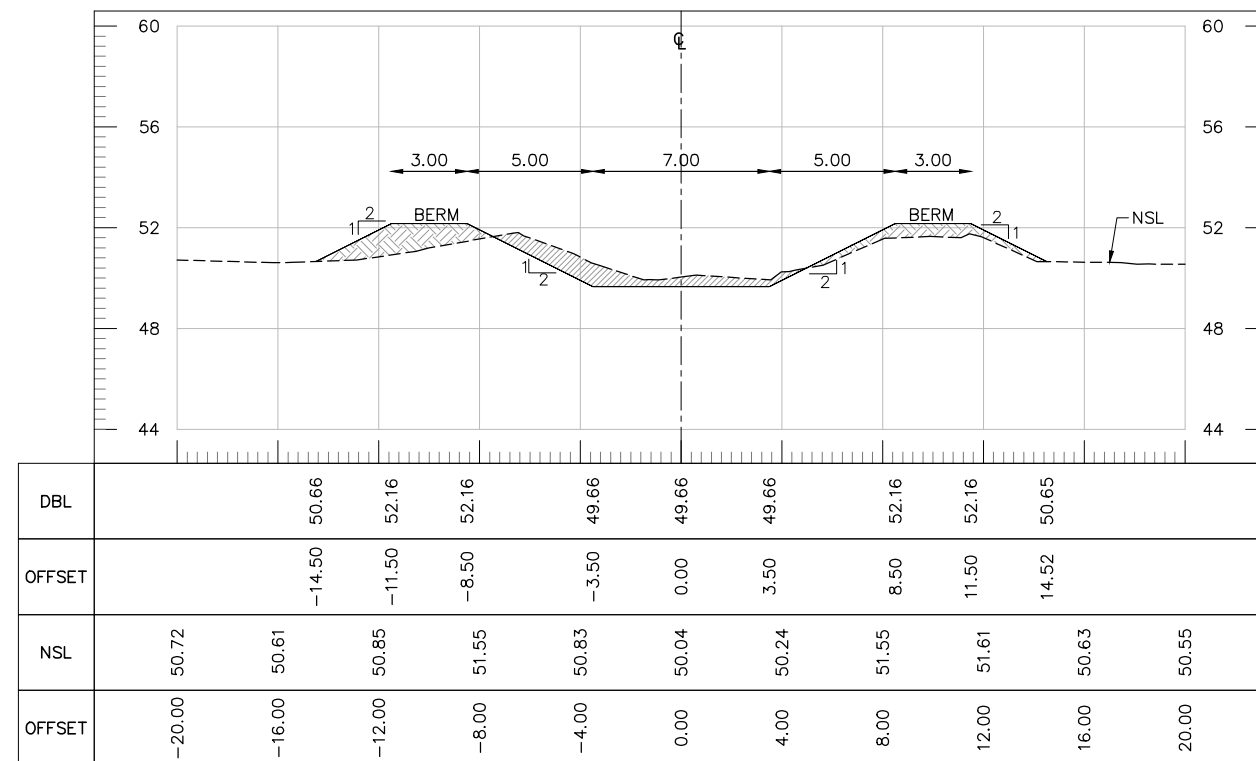
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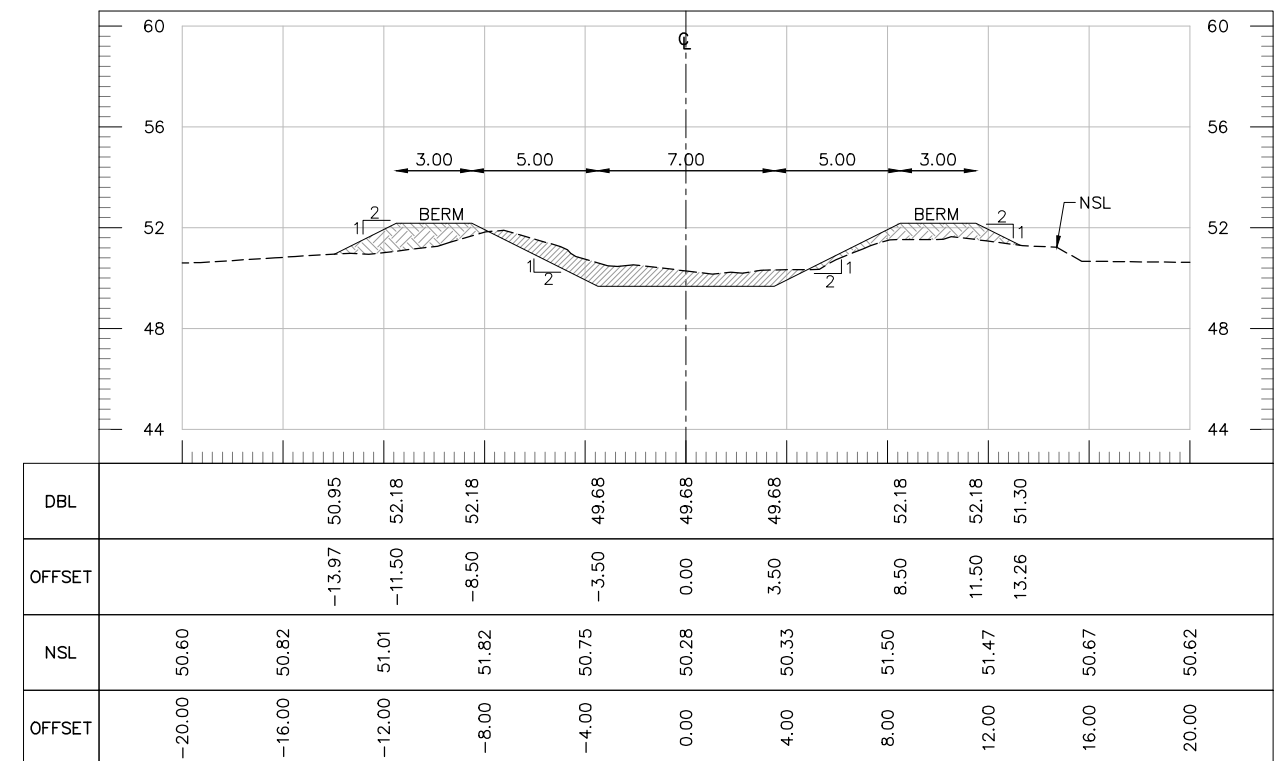
AT RD 2+400



AT RD 2+500



AT RD 2+600



AT RD 2+700

TENDER DRAWINGS

CLIENT:



IRRIGATION DEPARTMENT
GOVERNMENT OF
BALOCHISTAN

CONSULTANTS:



CONSULTANTS
CONSULTING ENGINEERS ARCHITECTS & PLANNERS.
PLOT NO.07 PARIS ARCADE STREET, NO. 36 E-11/3 MARKAZ ISLAMABAD.
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PROJECT TITLE:

INTEGRATED FLOOD RESILIENCE AND
ADAPTATION PROJECT

SCHEME NAME:

REHABILITATION OF MAIN DRAINS
UMRANI, MAGSI AND RUPA DRAINS IN
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(PACKAGE-04)

DRAWING TITLE:-

CROSS SECTIONS OF
UMRANI DRAIN

NOTES:

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DRAWN BY: FAISAL / USAMA

CHECKED BY: ZIA-UL-HAQ

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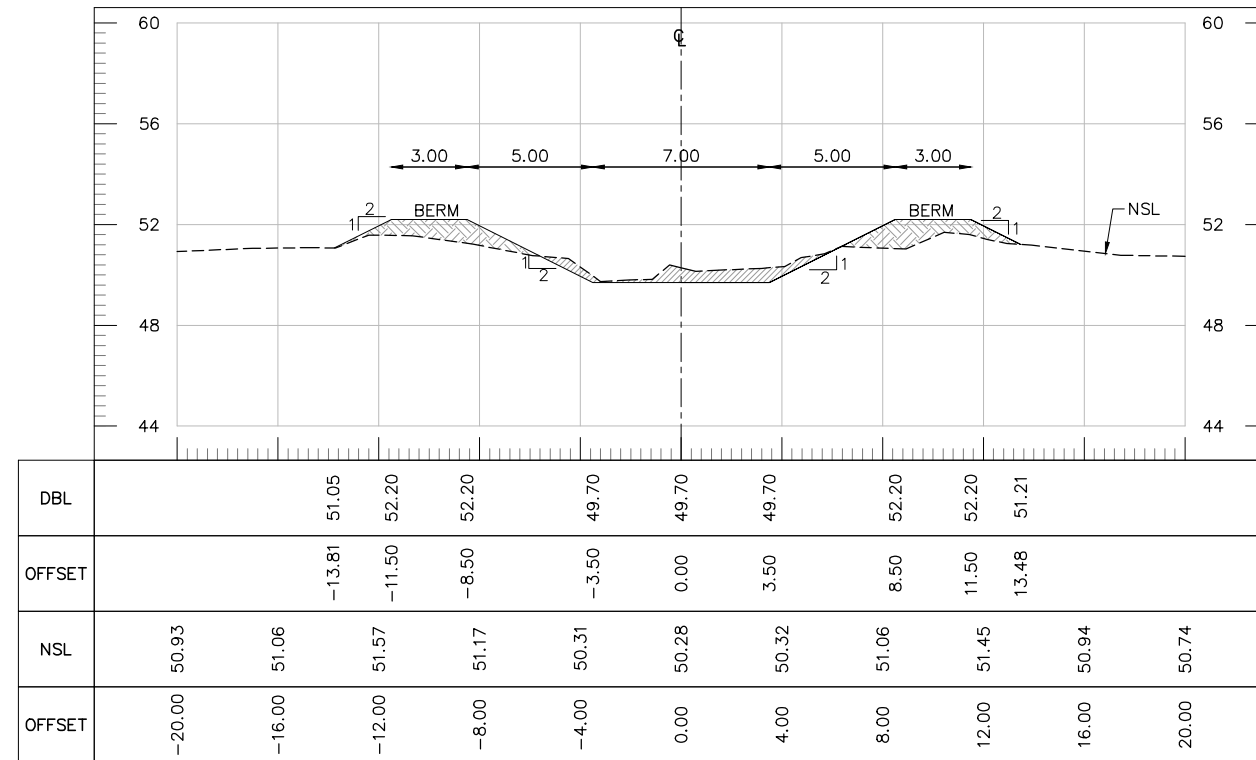
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DESIGNED BY: KAMRAN BABAR

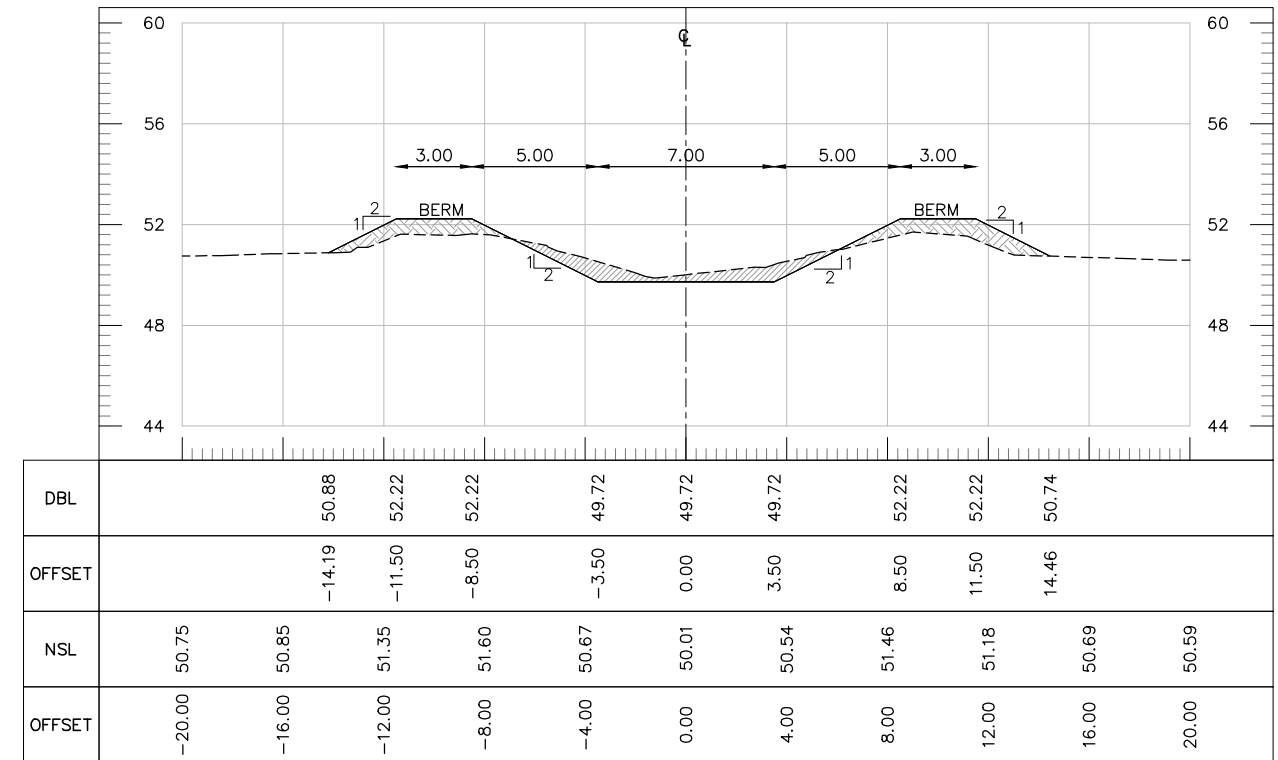
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DATE: Feb-26

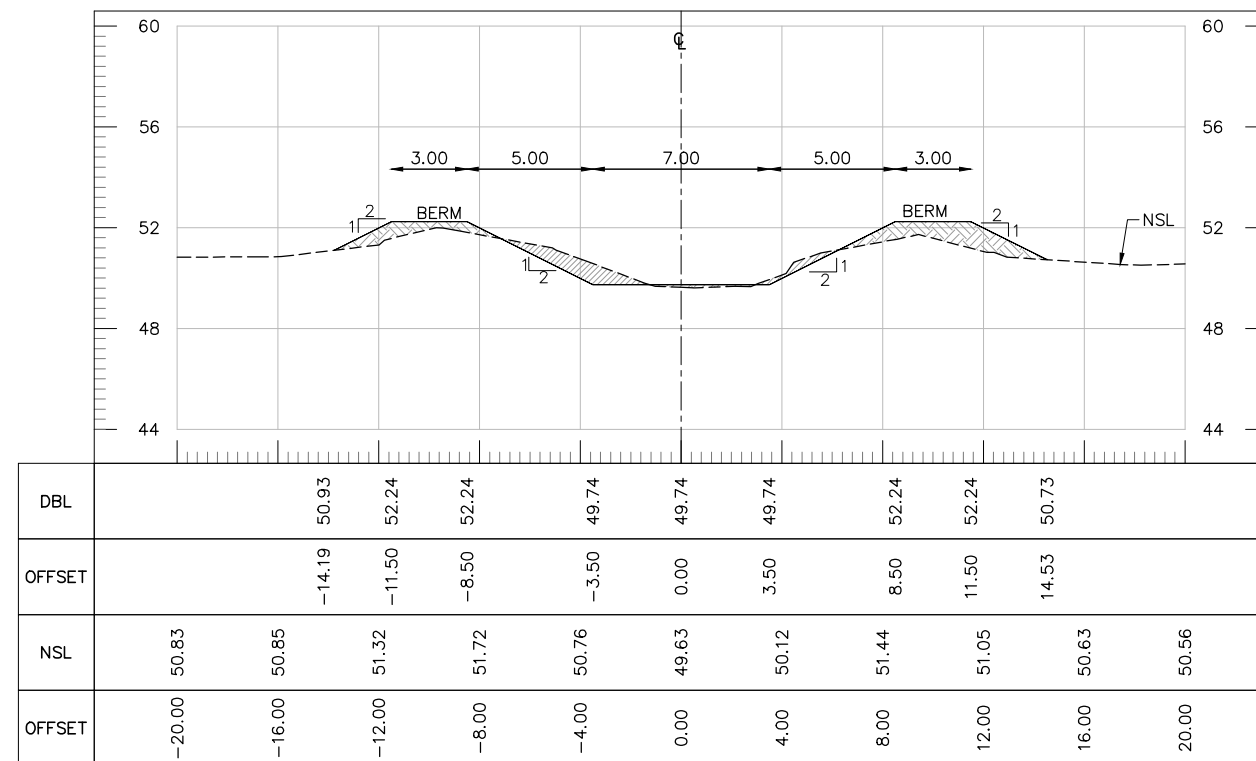
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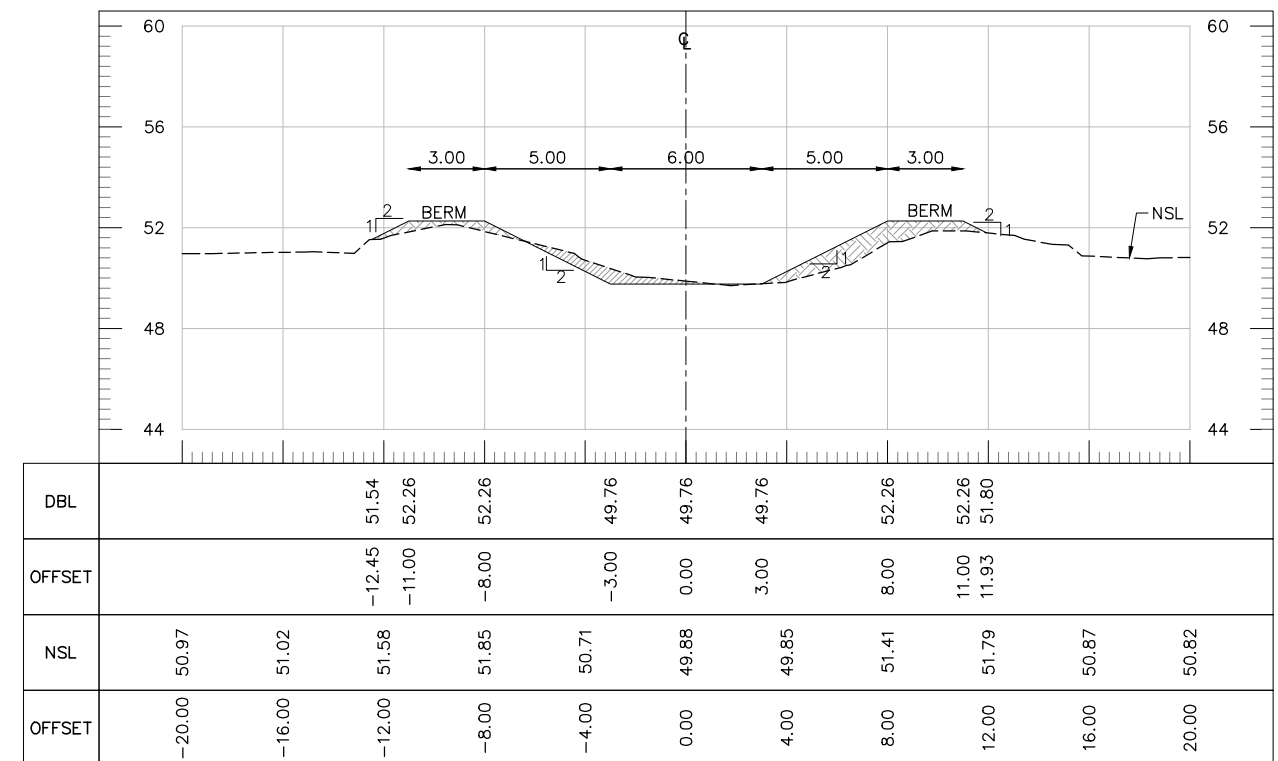
AT RD 2+800



AT RD 2+900



AT RD 3+000



AT RD 3+100

TENDER DRAWINGS

CLIENT:



IRRIGATION DEPARTMENT
GOVERNMENT OF
BALOCHISTAN

CONSULTANTS:



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CONSULTING ENGINEERS ARCHITECTS & PLANNERS.
PLOT NO.07 PARIS ARCADE STREET, NO. 36 E-11/3 MARKAZ ISLAMABAD.
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PROJECT TITLE:

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SCHEME NAME:

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(PACKAGE-04)

DRAWING TITLE:-

CROSS SECTIONS OF
UMRANI DRAIN

NOTES:

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OTHERWISE.

DRAWN BY: FAISAL / USAMA

DESIGNED BY: KAMRAN BABAR

CHECKED BY: ZIA-UL-HAQ

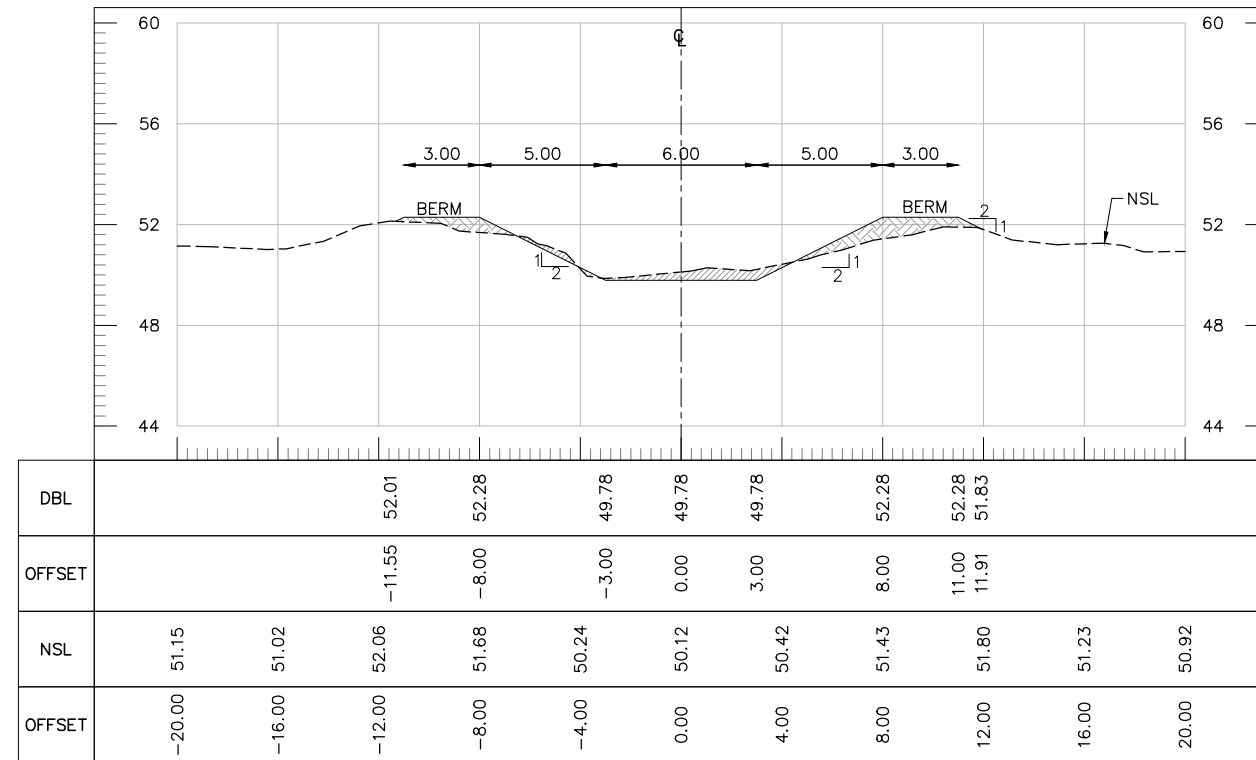
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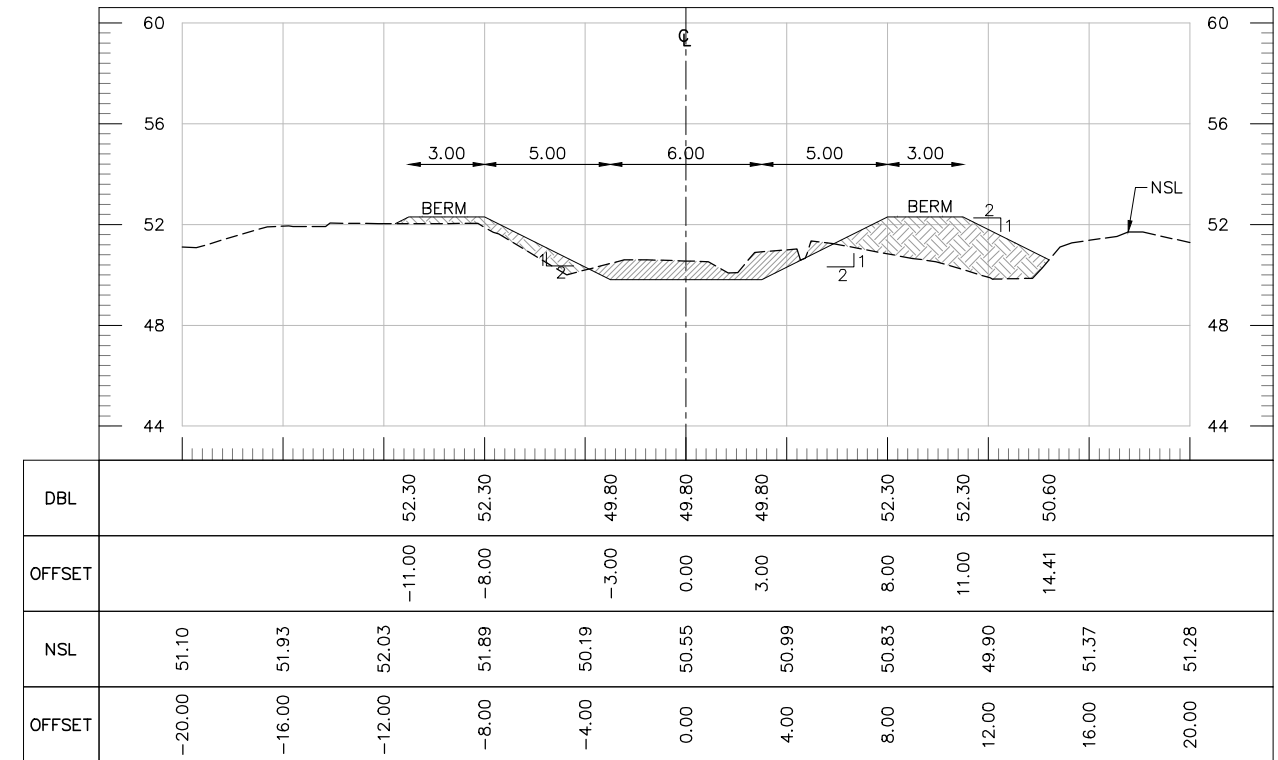
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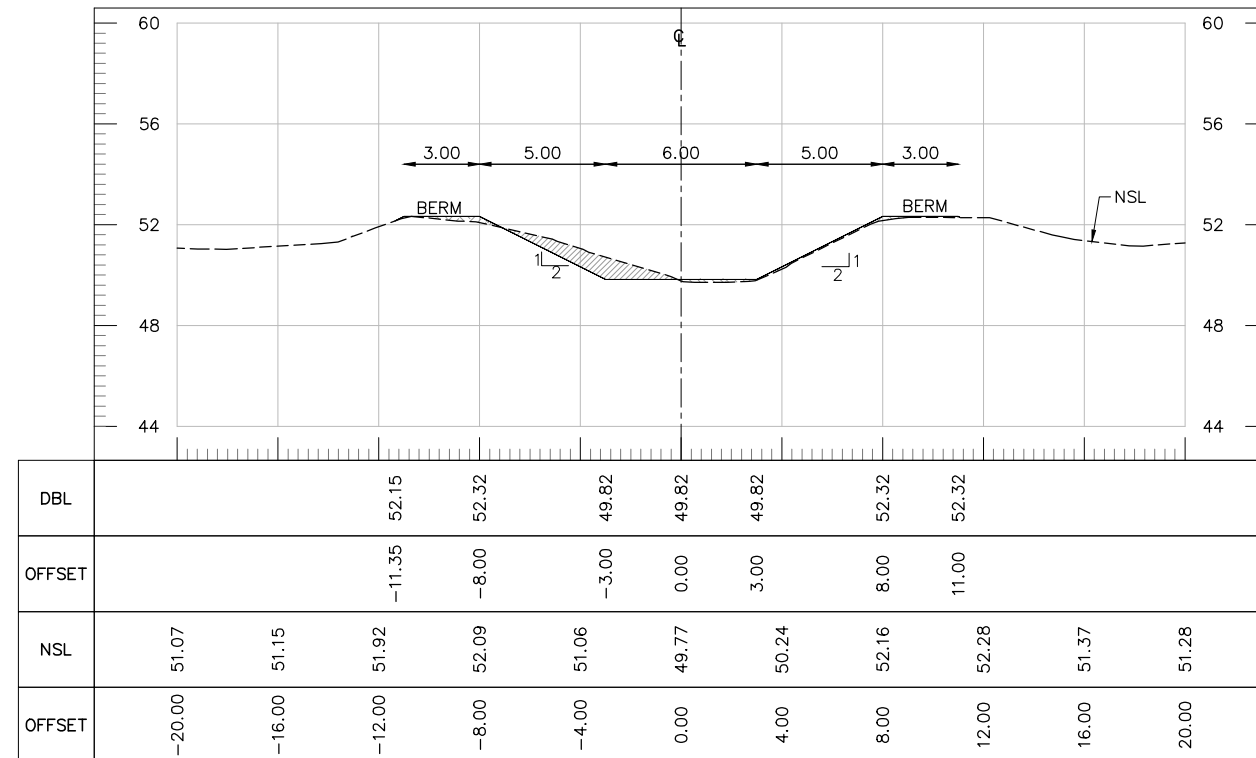
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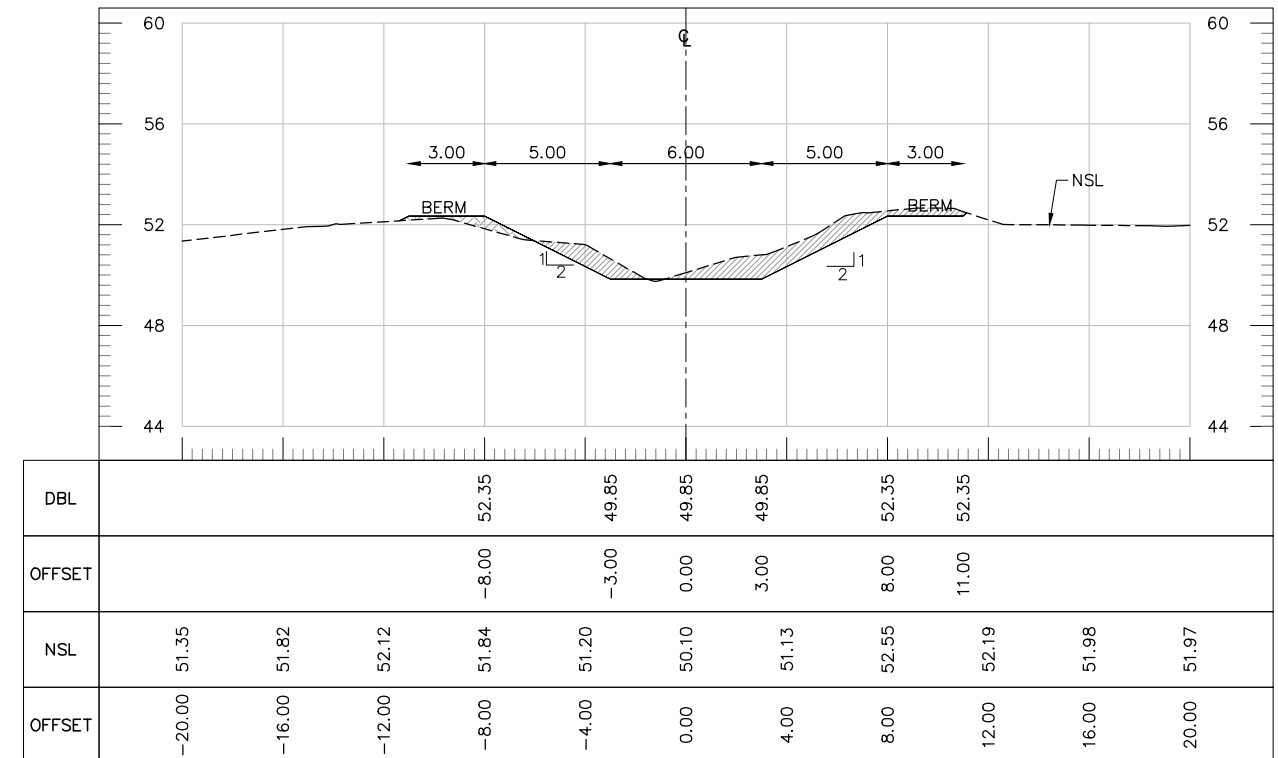
AT RD 3+200



AT RD 3+300

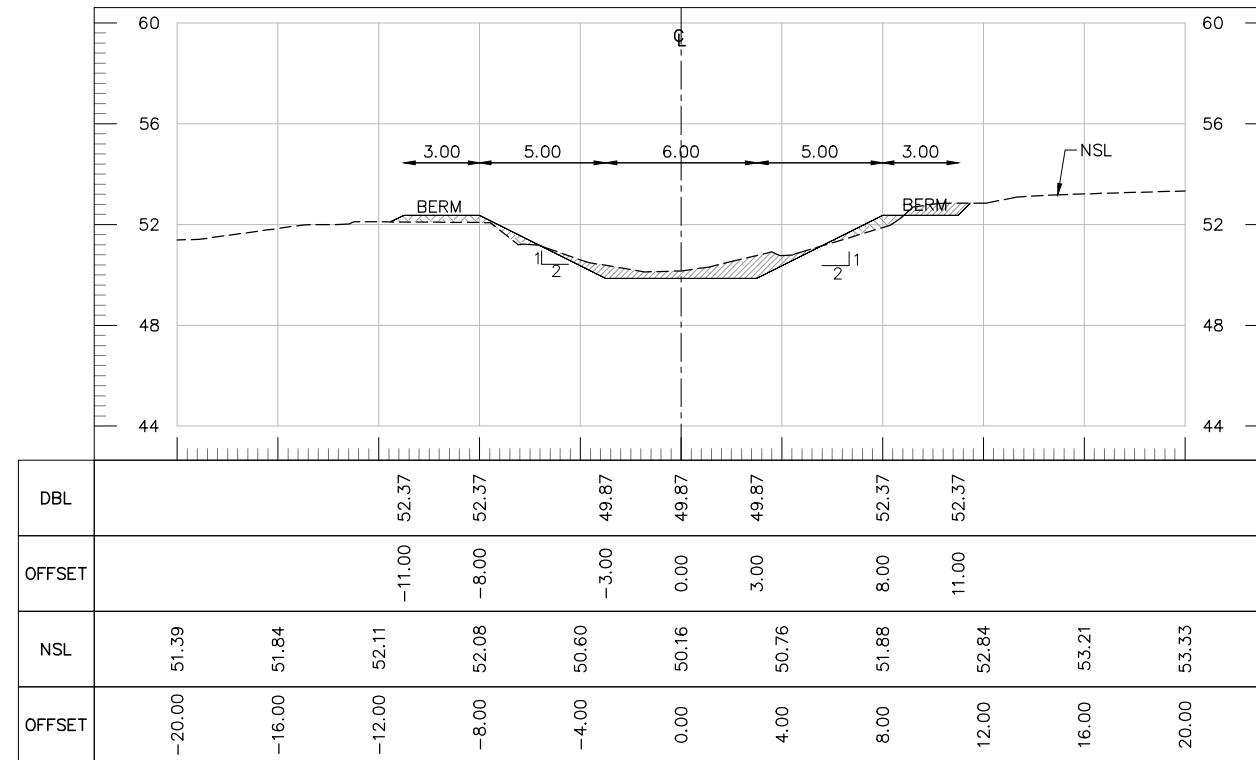


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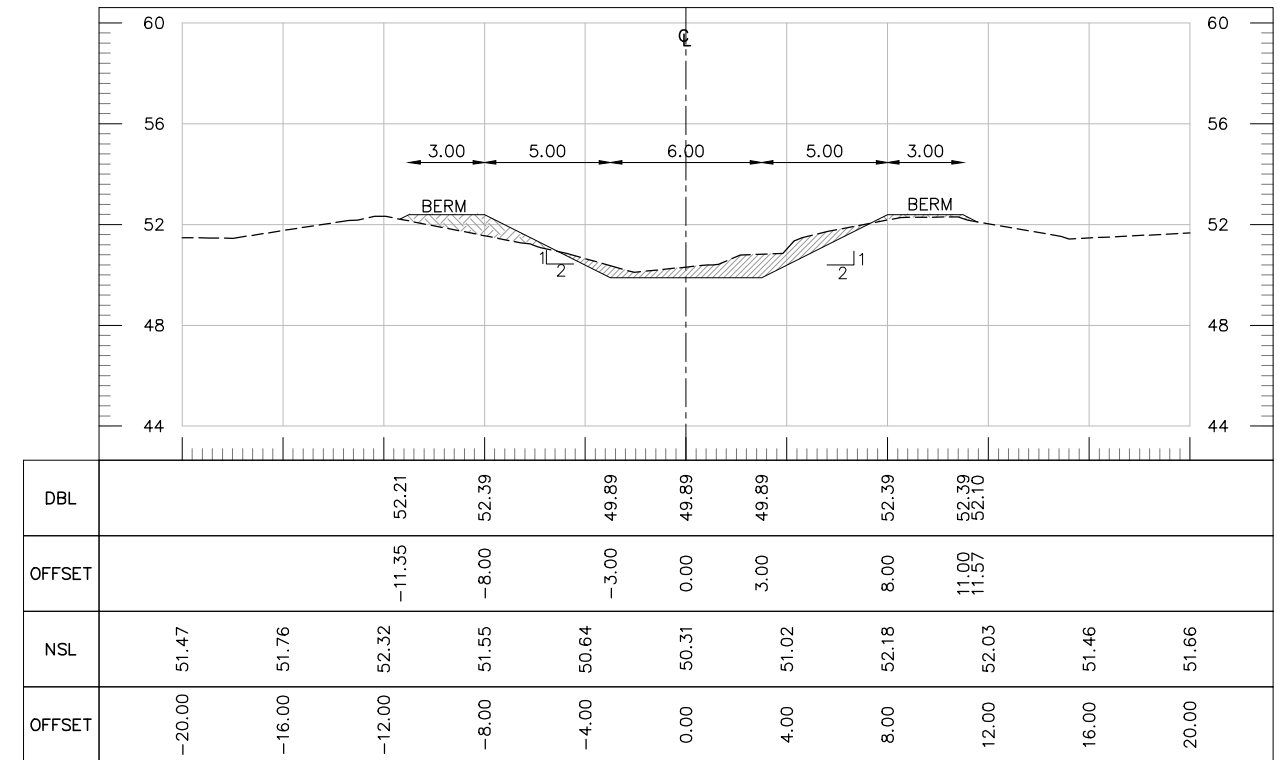


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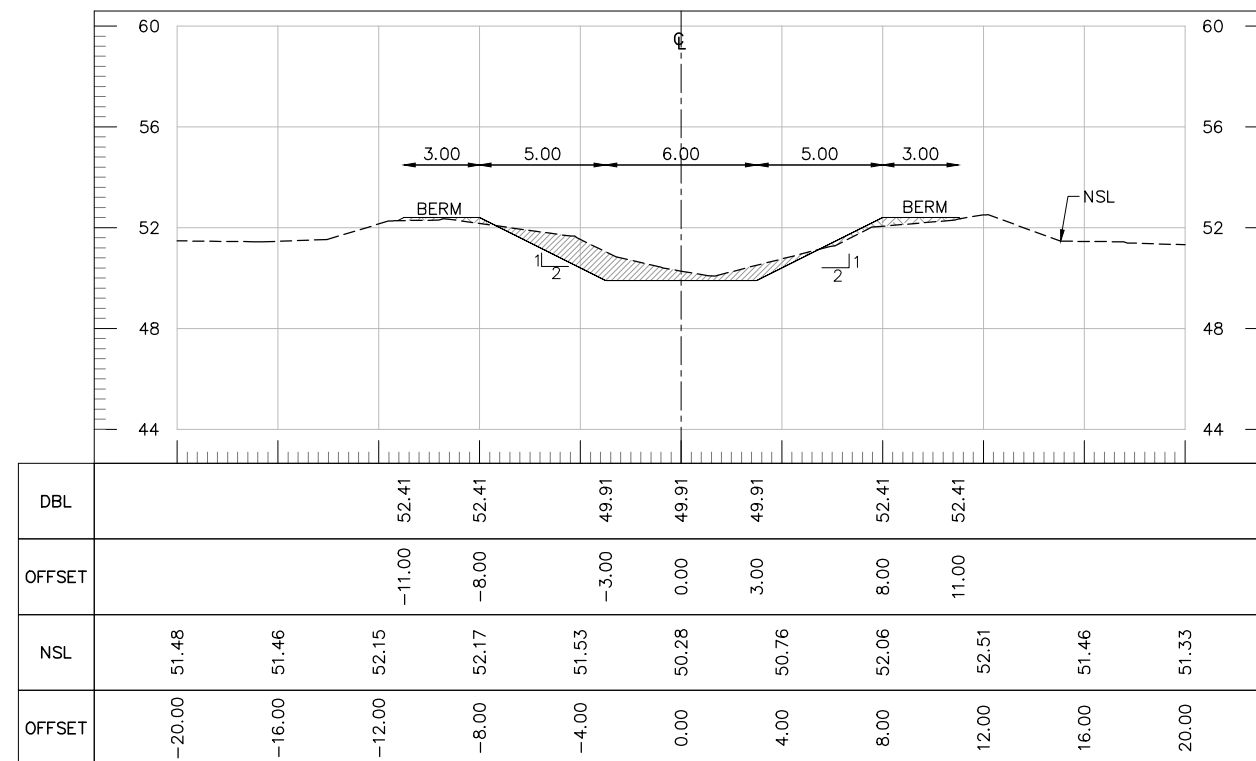
TENDER DRAWINGS



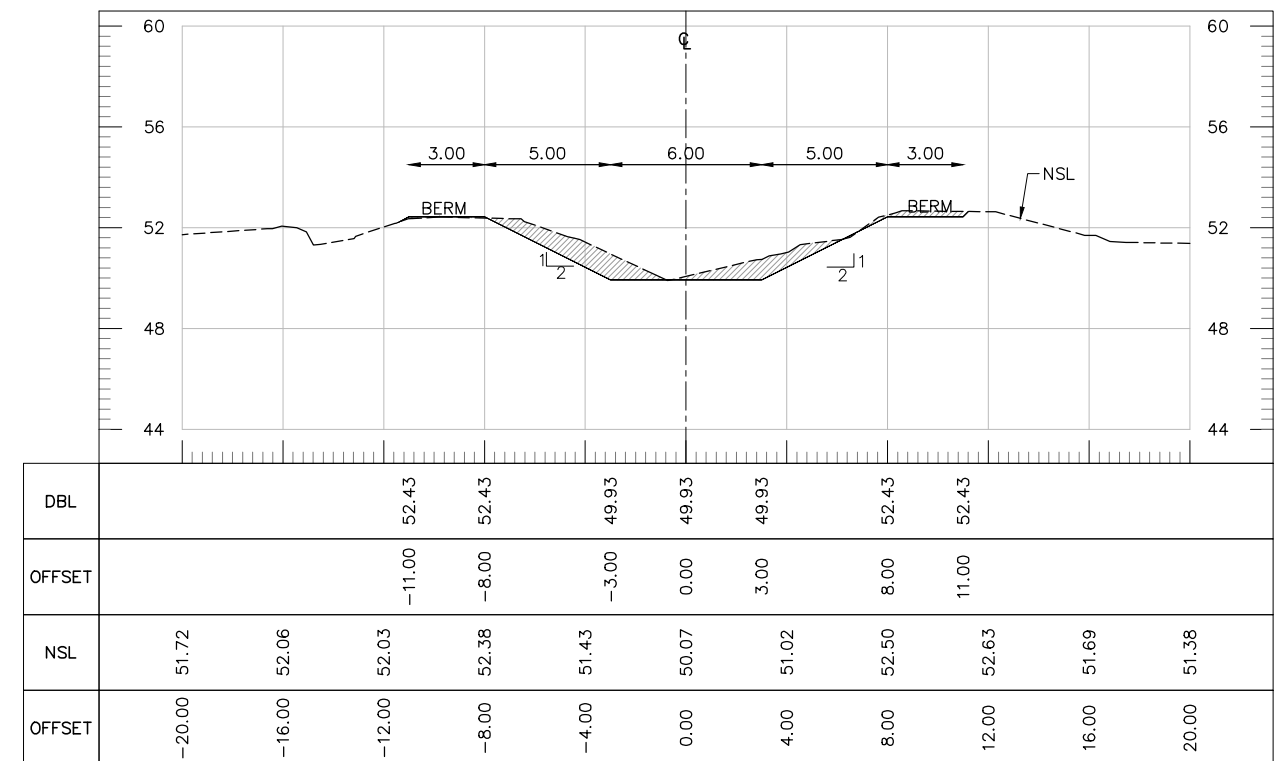
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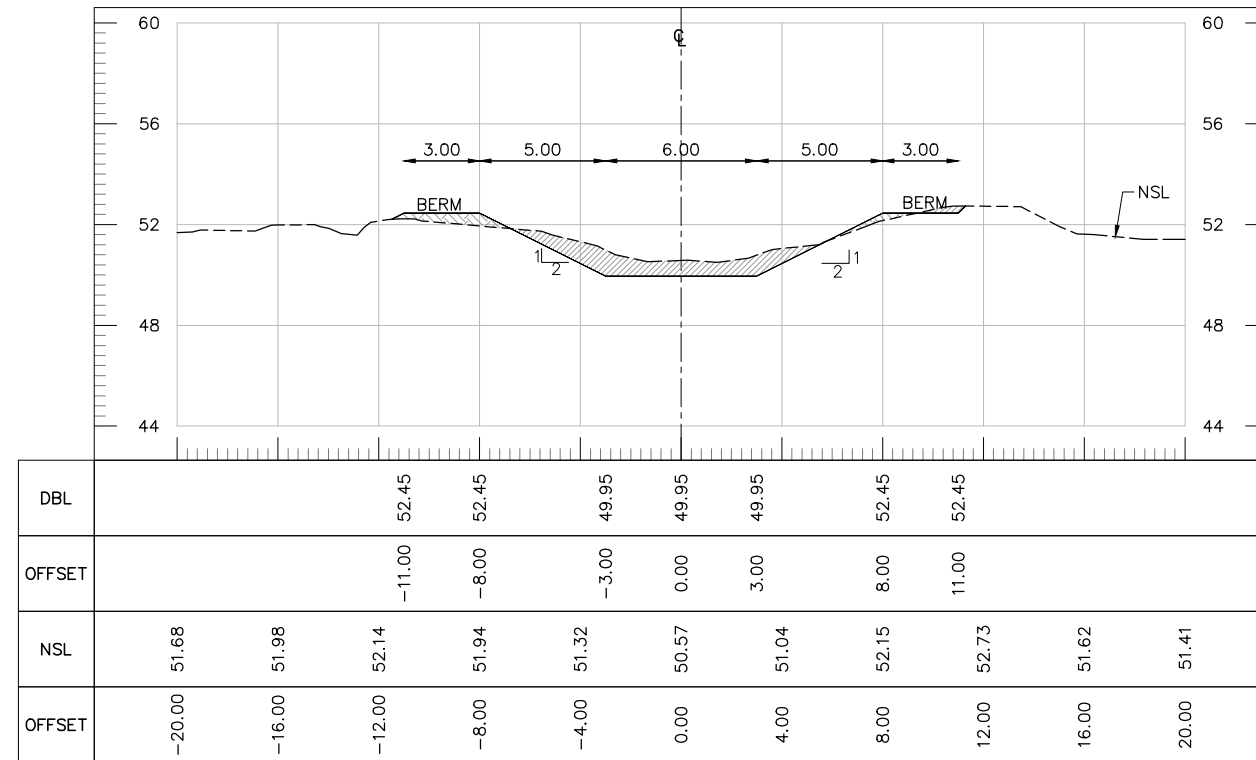


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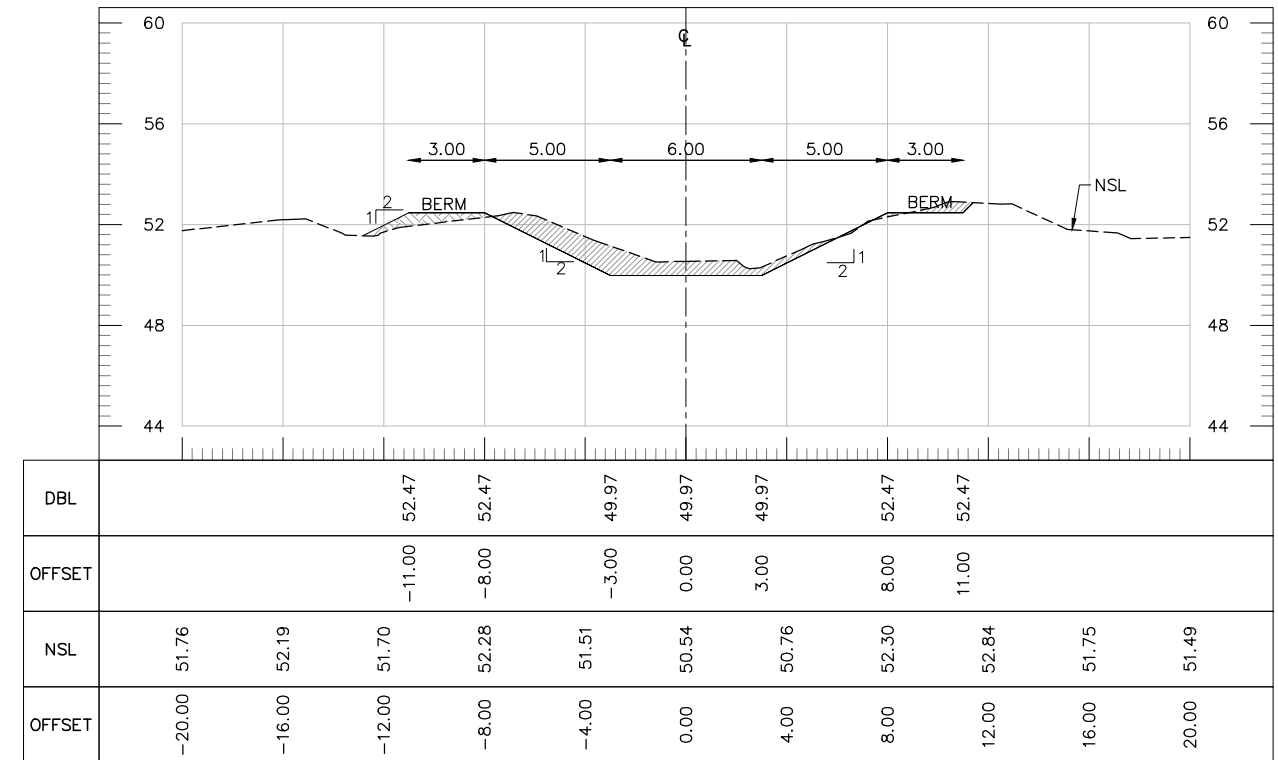


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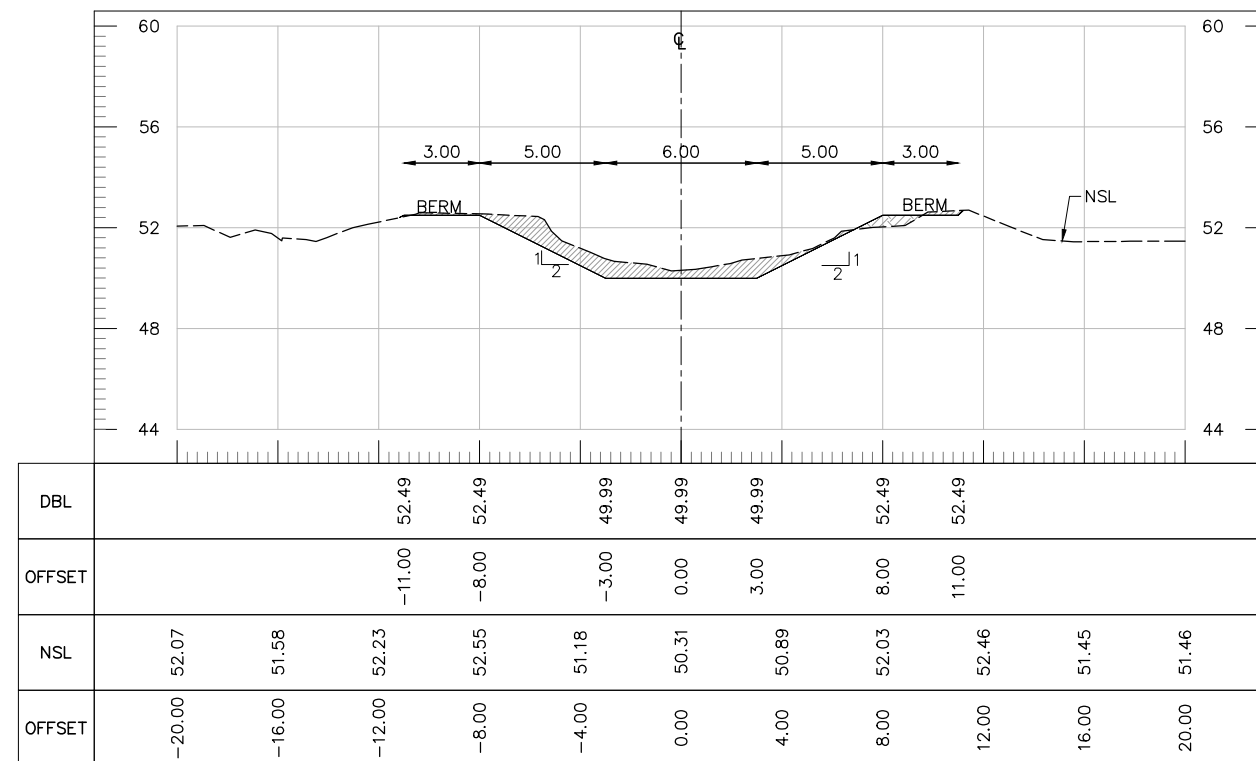
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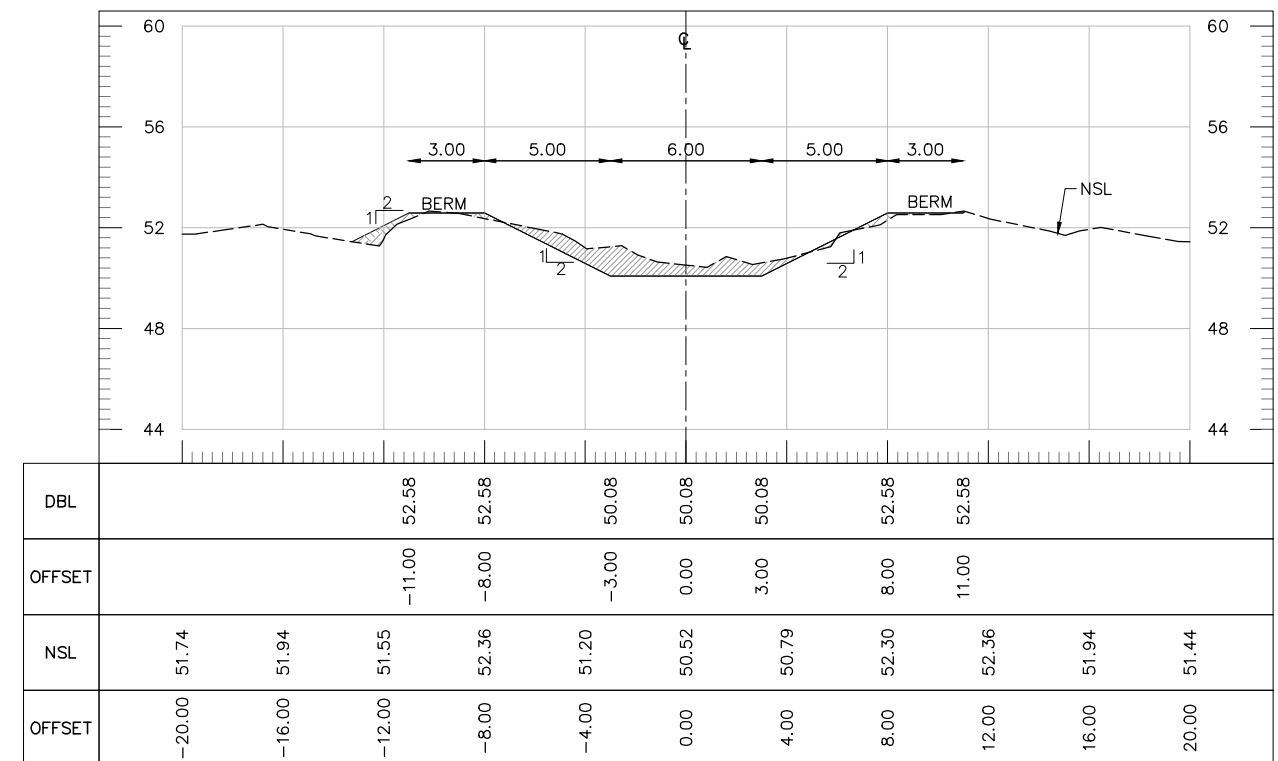
AT RD 4+000



AT RD 4+100



AT RD 4+200



AT RD 4+300

TENDER DRAWINGS

CLIENT:



IRRIGATION DEPARTMENT
GOVERNMENT OF
BALOCHISTAN

CONSULTANTS:



CONSULTANTS
CONSULTING ENGINEERS ARCHITECTS & PLANNERS.
PLOT NO.07 PARIS ARCADE STREET, NO. 36 E-11/3 MARKAZ ISLAMABAD.
H. NO.38 CHAMAN HOUSING AIRPORT ROAD QUETTA.

PROJECT TITLE:

INTEGRATED FLOOD RESILIENCE AND
ADAPTATION PROJECT

SCHEME NAME:

REHABILITATION OF MAIN DRAINS
UMRANI, MAGSI AND RUPA DRAINS IN
DISTRICT NASEERABAD AND JAFFARABAD
(PACKAGE-04)

DRAWING TITLE:-

CROSS SECTIONS OF
UMRANI DRAIN

NOTES:

ALL LEVELS AND DIMENSIONS ARE
IN METERS UNLESS INDICATED
OTHERWISE.

DRAWN BY: FAISAL / USAMA

DESIGNED BY: KAMRAN BABAR

CHECKED BY: ZIA-UL-HAQ

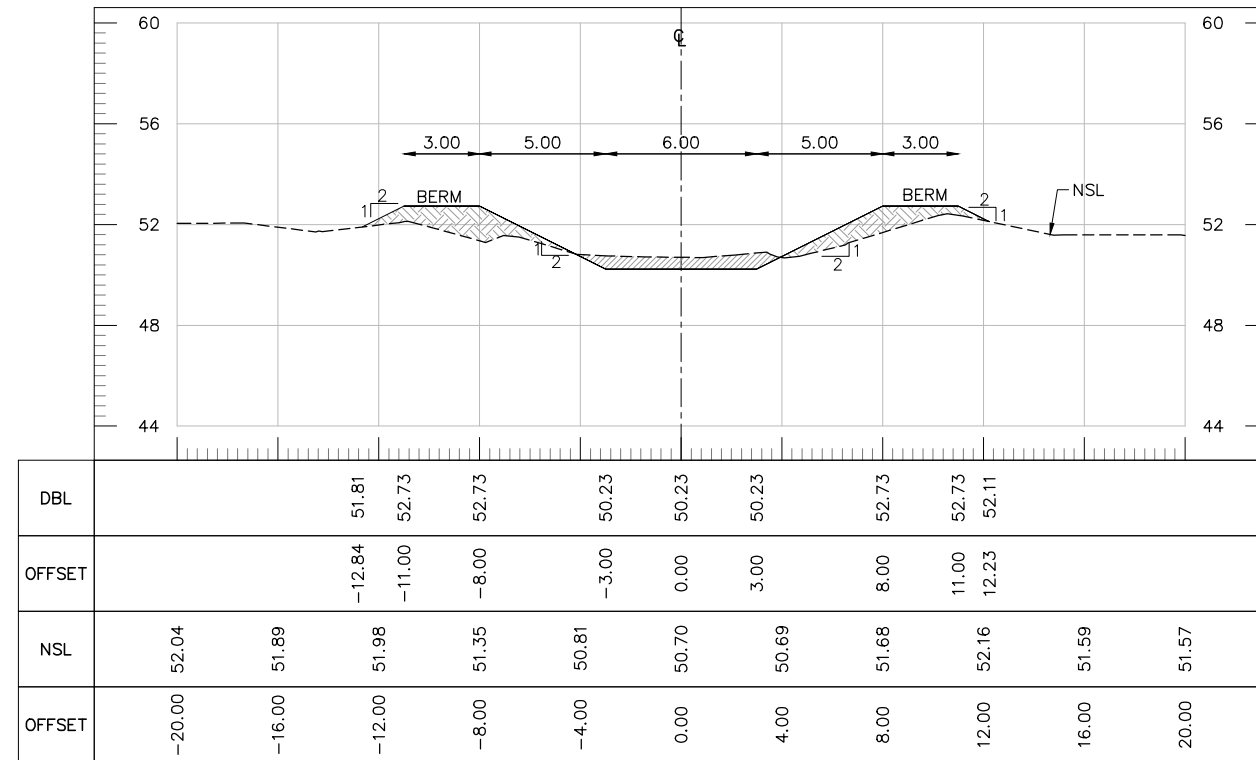
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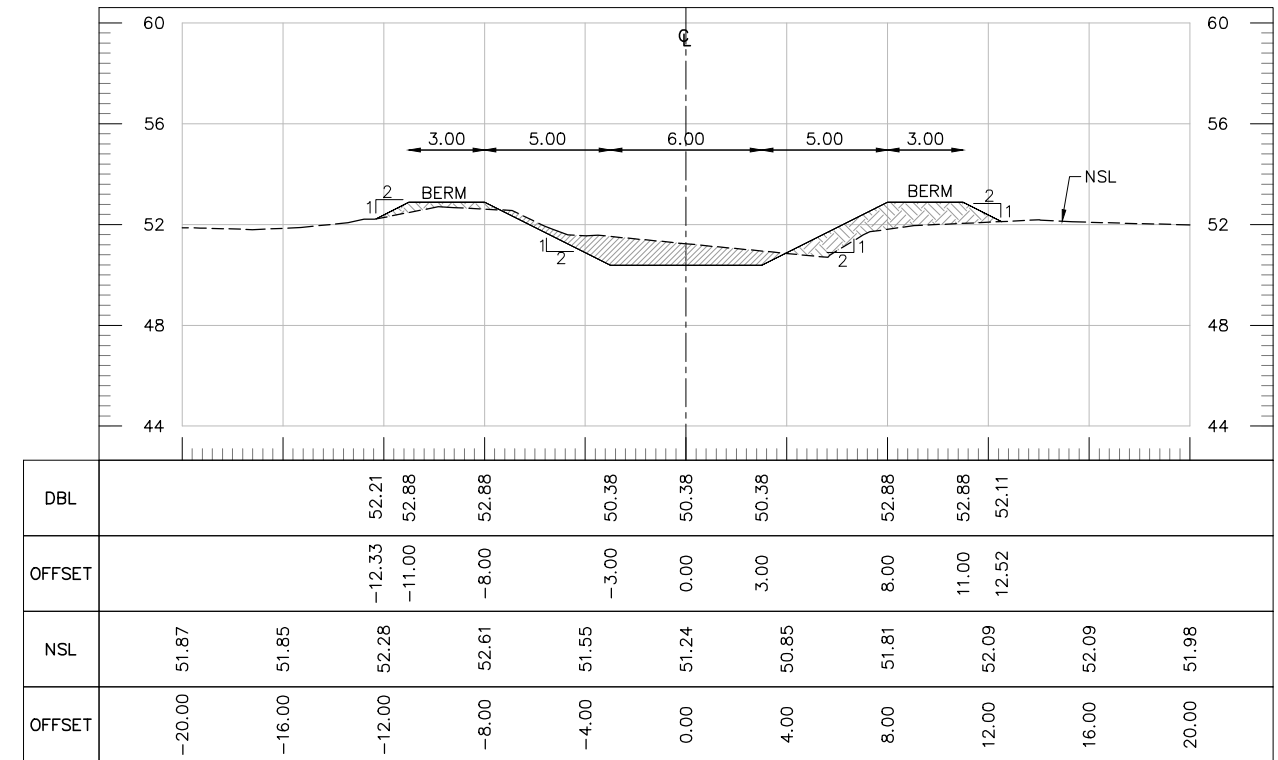
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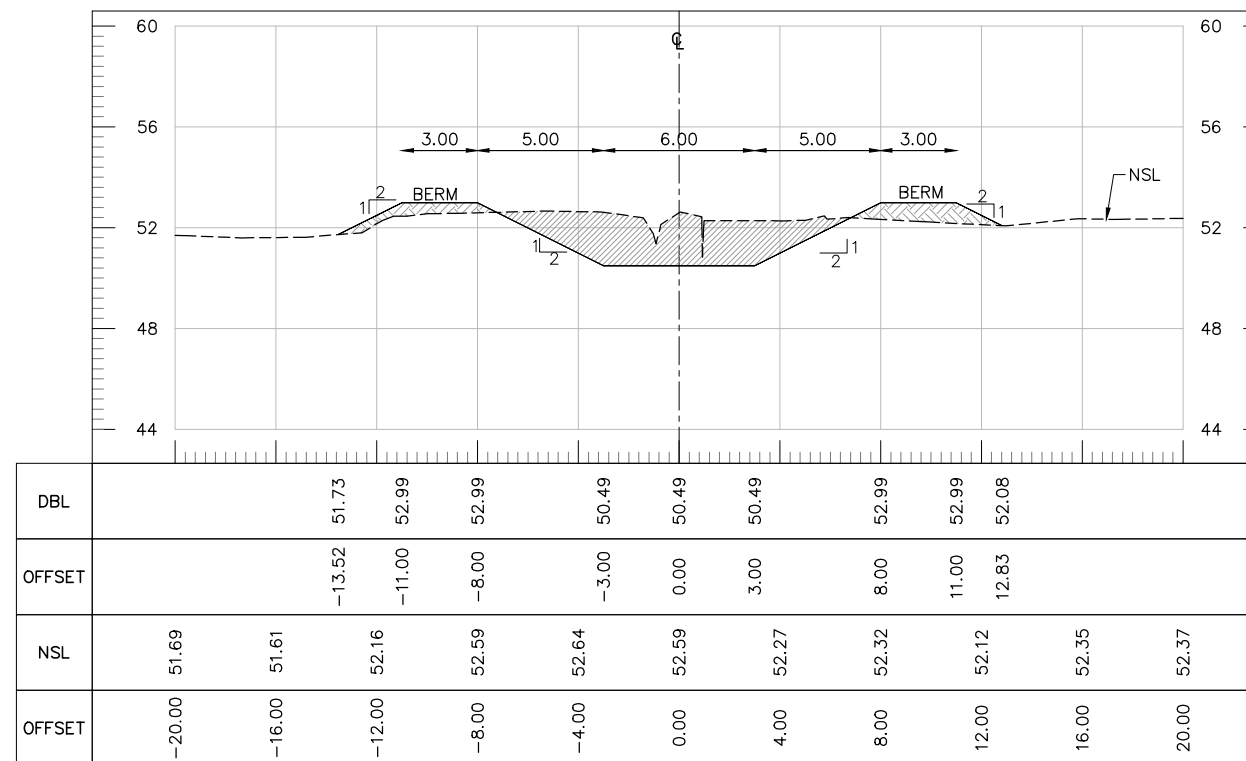
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AT RD 4+400

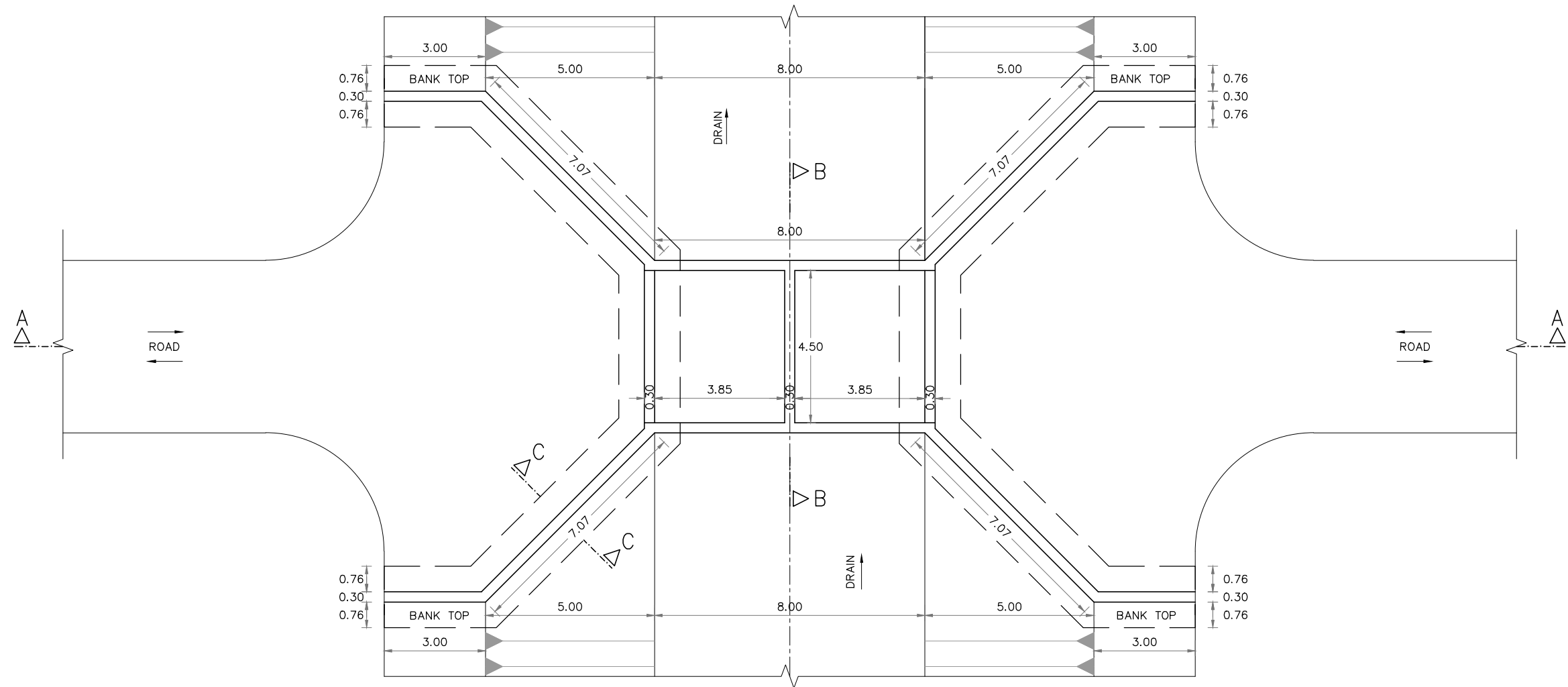


AT RD 4+500

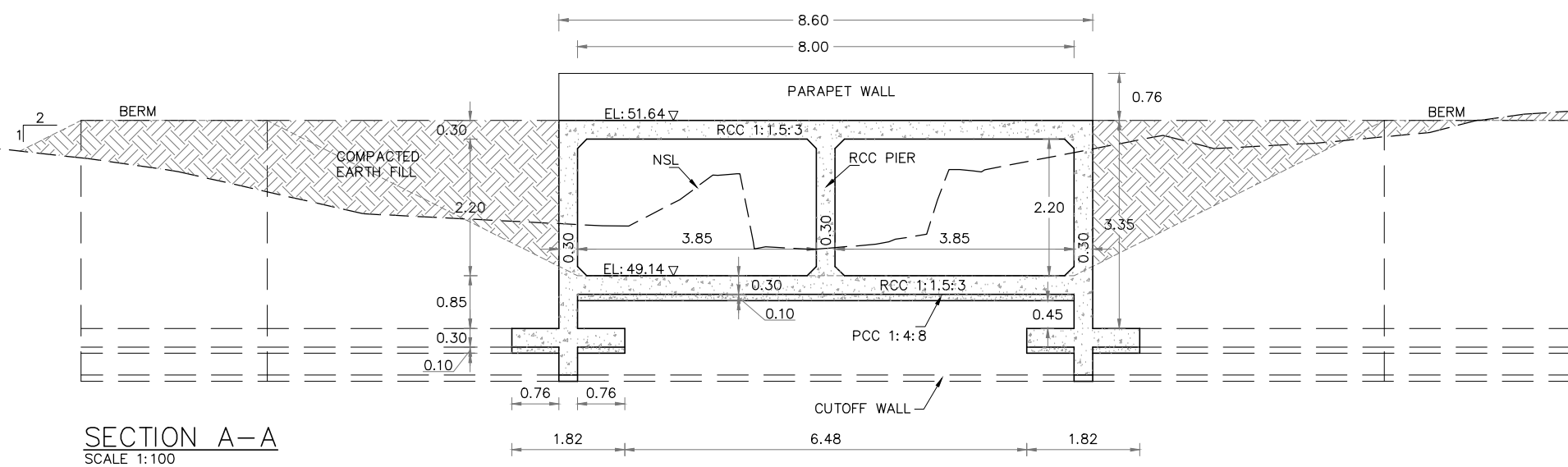


AT RD 4+575

TENDER DRAWINGS



PLAN OF CULVERT
SCALE 1:150



SECTION A-A
SCALE 1:100

TENDER DRAWINGS

CLIENT:



IRRIGATION DEPARTMENT
GOVERNMENT OF
BALOCHISTAN

CONSULTANTS:



CONSULTANTS
CONSULTING ENGINEERS ARCHITECTS & PLANNERS.
PLOT NO.07 PARIS ARCADE STREET, NO. 36 E-11/3 MARKAZ ISLAMABAD.
H. NO.38 CHAMAN HOUSING AIRPORT ROAD QUETTA.

PROJECT TITLE:

INTEGRATED FLOOD RESILIENCE AND
ADAPTATION PROJECT

SCHEME NAME:

REHABILITATION OF MAIN DRAINS
UMRANI, MAGSI AND RUPA DRAINS IN
DISTRICT NASEERABAD AND JAFFARABAD
(PACKAGE-04)

DRAWING TITLE:-

TYPICAL PLAN OF CULVERT AND
SECTION A-A OF UMRANI DRAIN
AT RD (0+098)

NOTES:

ALL LEVELS AND DIMENSIONS ARE
IN METERS UNLESS INDICATED
OTHERWISE.

DRAWN BY: SAJID HUSSAIN

DESIGNED BY: KAMRAN BABAR

CHECKED BY: ZIA-UL-HAQ

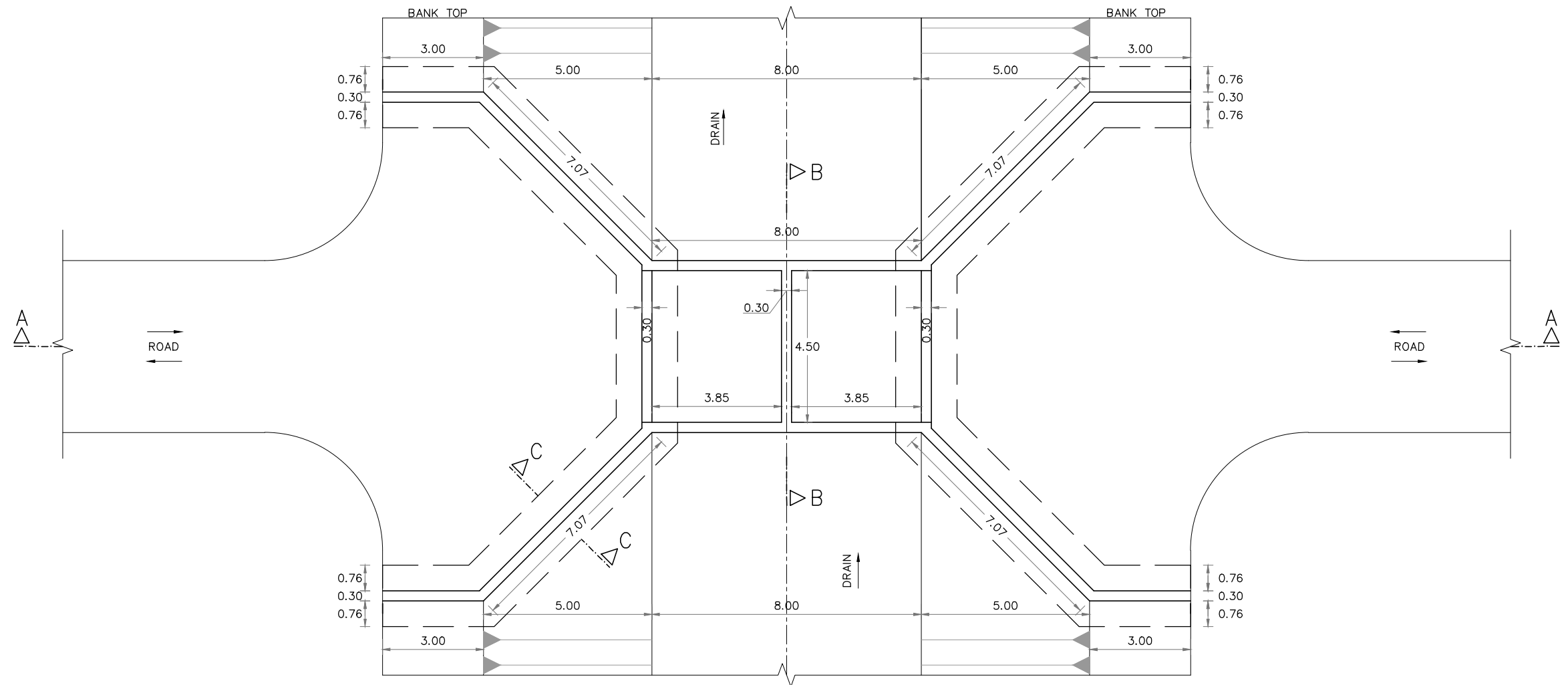
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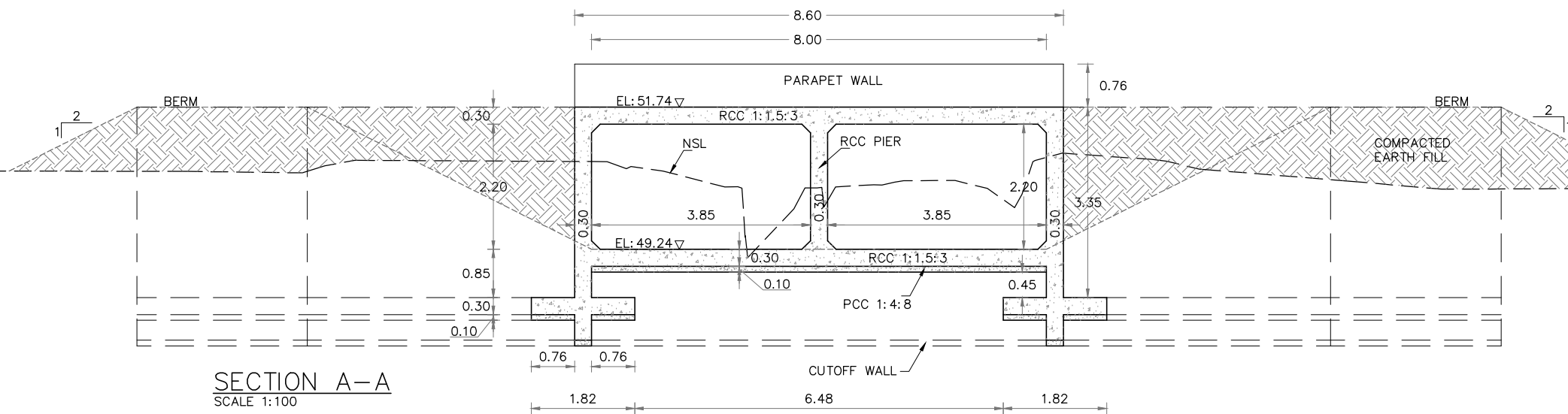
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DRAWING NO: IFRAP-P04/URN-21

SHEET:- 01 OF 18



PLAN OF CULVERT
SCALE 1:150



SECTION A-A
SCALE 1:100

TENDER DRAWINGS

CLIENT:



IRRIGATION DEPARTMENT
GOVERNMENT OF
BALOCHISTAN

CONSULTANTS:



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REHABILITATION OF MAIN DRAINS
UMRANI, MAGSI AND RUPA DRAINS IN
DISTRICT NASEERABAD AND JAFFARABAD
(PACKAGE-04)

DRAWING TITLE:-

TYPICAL PLAN OF CULVERT AND
SECTION A-A OF UMRANI DRAIN
AT RD (0+575)

NOTES:

ALL LEVELS AND DIMENSIONS ARE
IN METERS UNLESS INDICATED
OTHERWISE.

DRAWN BY: SAJID HUSSAIN

DESIGNED BY: KAMRAN BABAR

CHECKED BY: ZIA-UL-HAQ

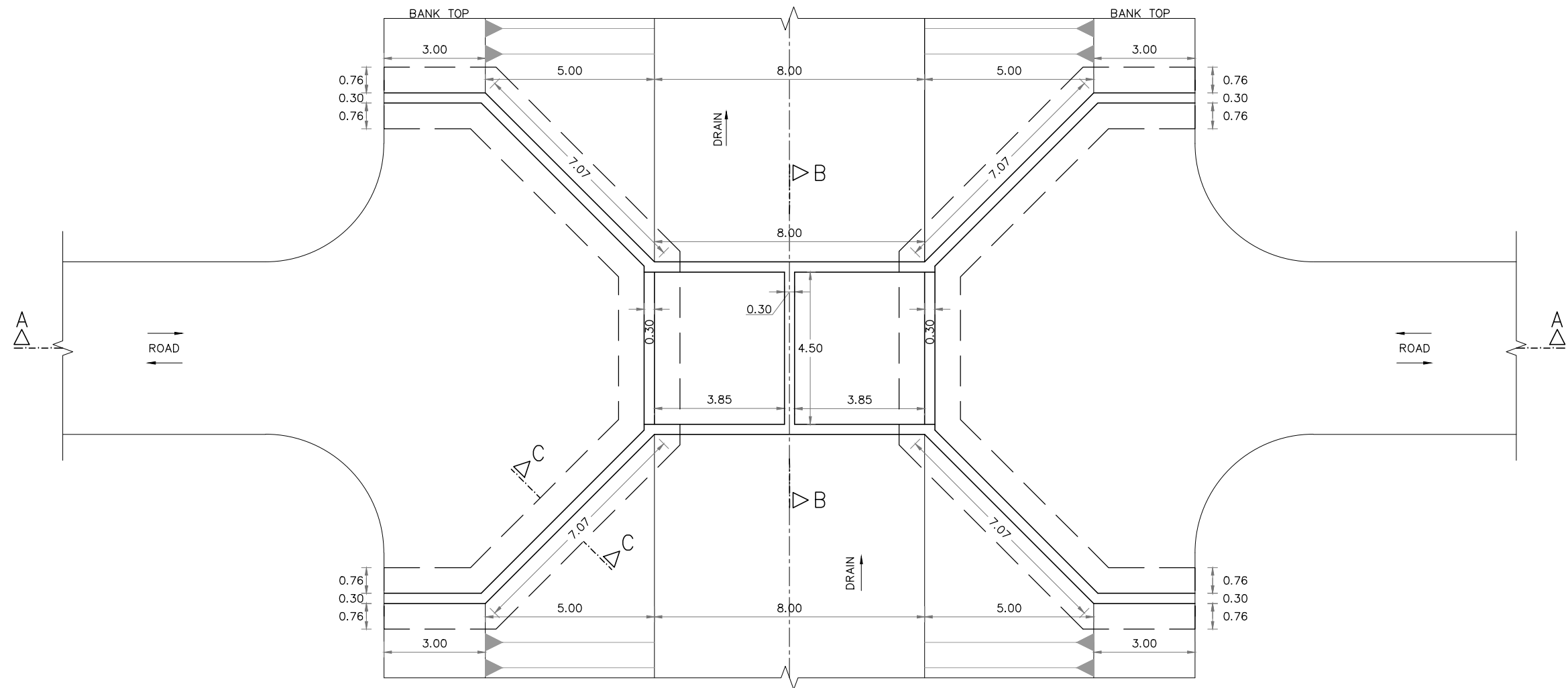
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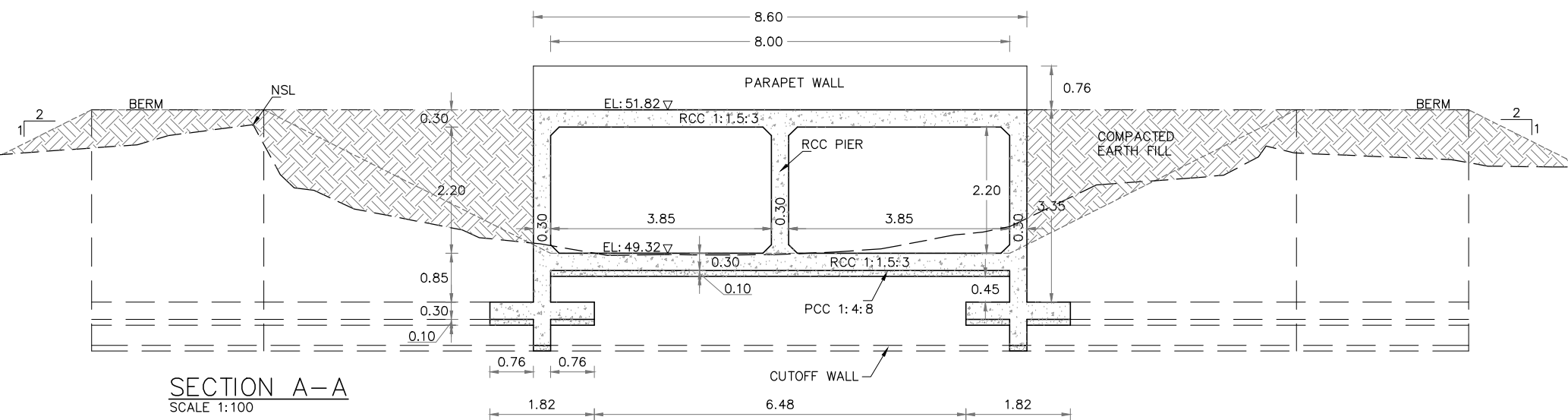
DATE: AUG / 2025

DRAWING NO: IFRAP-P04/URN-22

SHEET:- 04 OF 18



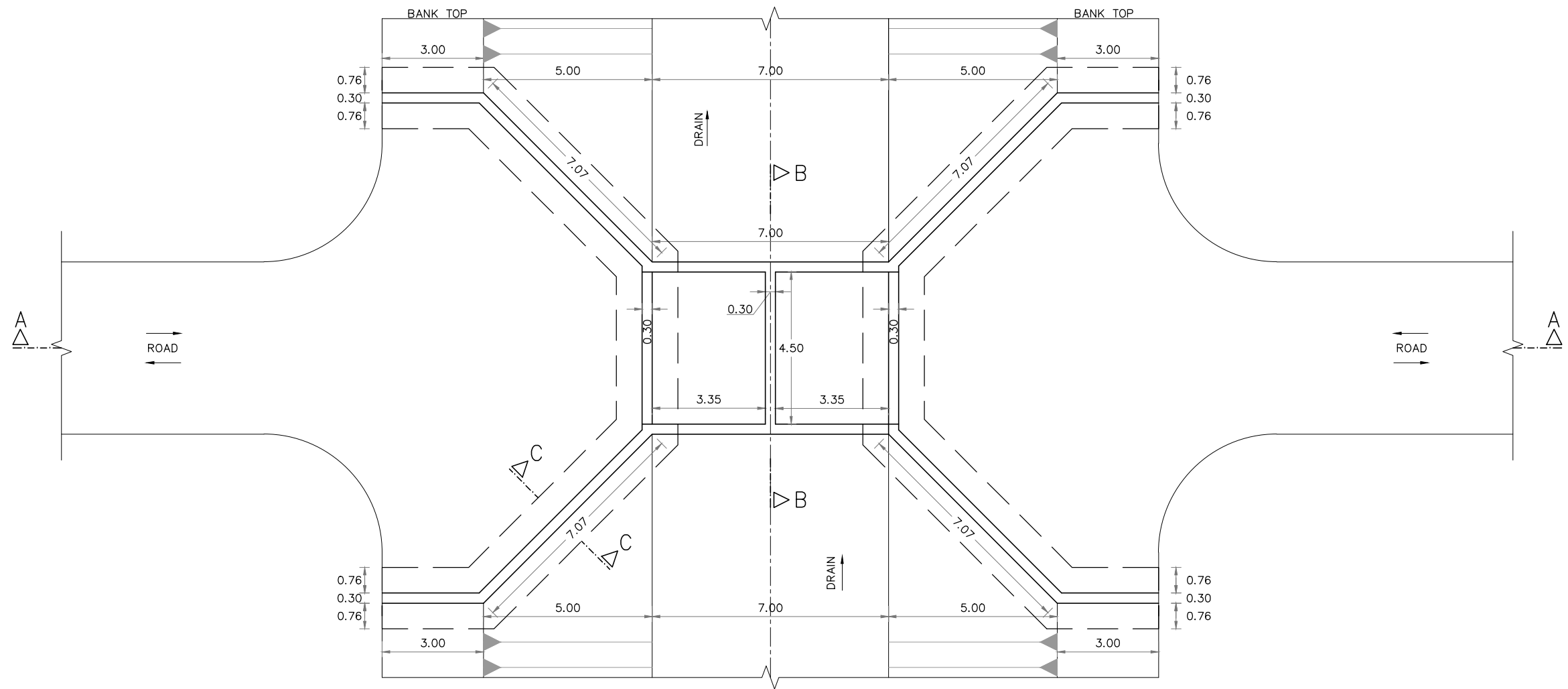
PLAN OF CULVERT
SCALE 1:150



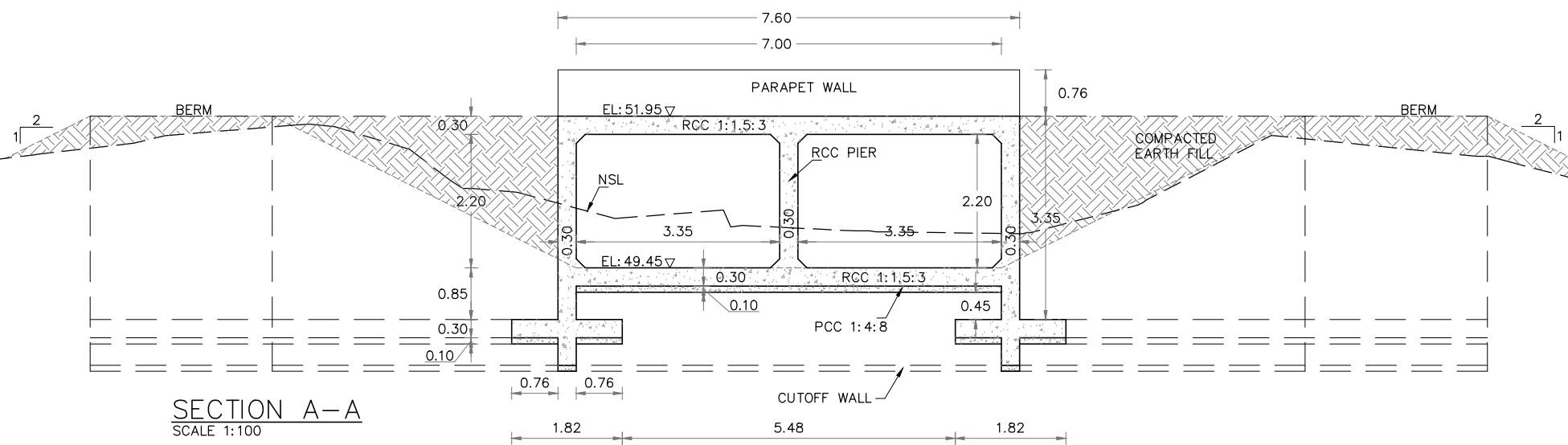
SECTION A-A
SCALE 1:100

TENDER DRAWINGS

CLIENT:  IRRIGATION DEPARTMENT GOVERNMENT OF BALOCHISTAN	CONSULTANTS:  CAMEOS CONSULTANTS CONSULTING ENGINEERS ARCHITECTS & PLANNERS. PLOT NO.07 PARIS ARCADE STREET, NO. 36 E-11/3 MARKAZ ISLAMABAD. H. NO.38 CHAMAN HOUSING AIRPORT ROAD QUETTA.	PROJECT TITLE: INTEGRATED FLOOD RESILIENCE AND ADAPTATION PROJECT	SCHEME NAME: REHABILITATION OF MAIN DRAINS UMRANI , MAGSI AND RUPA DRAINS IN DISTRICT NASEERABAD AND JAFFARABAD (PACKAGE-04)	DRAWING TITLE:- TYPICAL PLAN OF CULVERT AND SECTION A-A OF UMRANI DRAIN AT RD (0+968)	NOTES: ALL LEVELS AND DIMENSIONS ARE IN METERS UNLESS INDICATED OTHERWISE.	DRAWN BY: SAJID HUSSAIN CHECKED BY: ZIA-UL-HAQ FILE PATH: G:/IFRAP DRAWING NO: IFRAP-P04/URN-23	DESIGNED BY: KAMRAN BABAR SCALE: 1:85 DATE: AUG / 2025 SHEET:- 07 OF 18
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PLAN OF CULVERT
SCALE 1:150



SECTION A-A
SCALE 1:100

TENDER DRAWINGS

CLIENT:



IRRIGATION DEPARTMENT
GOVERNMENT OF
BALOCHISTAN

CONSULTANTS:



CONSULTANTS
CONSULTING ENGINEERS ARCHITECTS & PLANNERS.
PLOT NO.07 PARIS ARCADE STREET, NO. 36 E-11/3 MARKAZ ISLAMABAD.
H. NO.38 CHAMAN HOUSING AIRPORT ROAD QUETTA.

PROJECT TITLE:

INTEGRATED FLOOD RESILIENCE AND
ADAPTATION PROJECT

SCHEME NAME:

REHABILITATION OF MAIN DRAINS
UMRANI, MAGSI AND RUPA DRAINS IN
DISTRICT NASEERABAD AND JAFFARABAD
(PACKAGE-04)

DRAWING TITLE:-

TYPICAL PLAN OF CULVERT AND
SECTION A-A OF UMRANI DRAIN
AT RD (2+018)

NOTES:

ALL LEVELS AND DIMENSIONS ARE
IN METERS UNLESS INDICATED
OTHERWISE.

DRAWN BY: SAJID HUSSAIN

DESIGNED BY: KAMRAN BABAR

CHECKED BY: ZIA-UL-HAQ

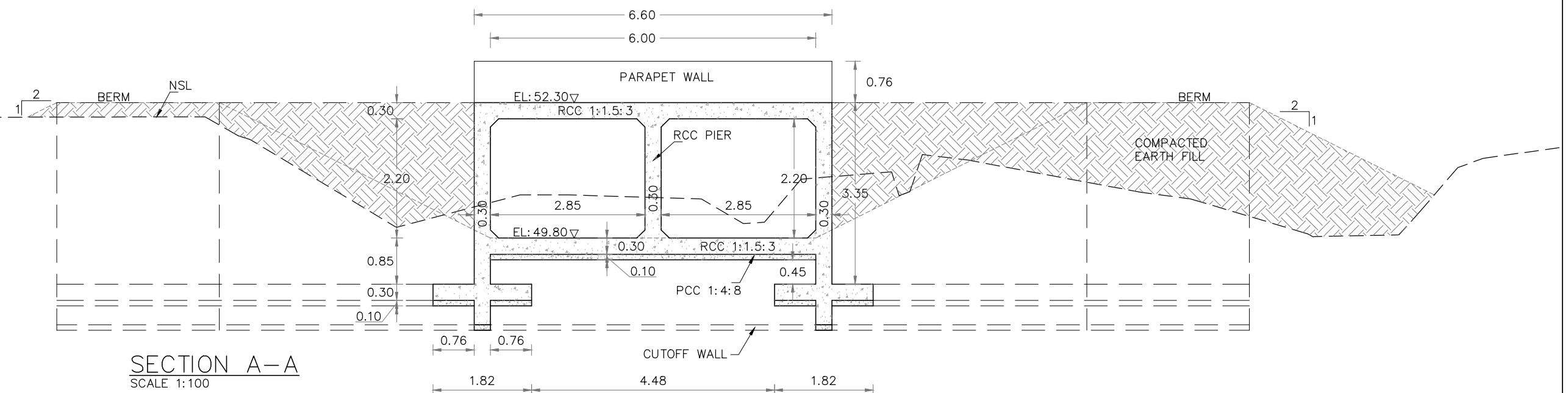
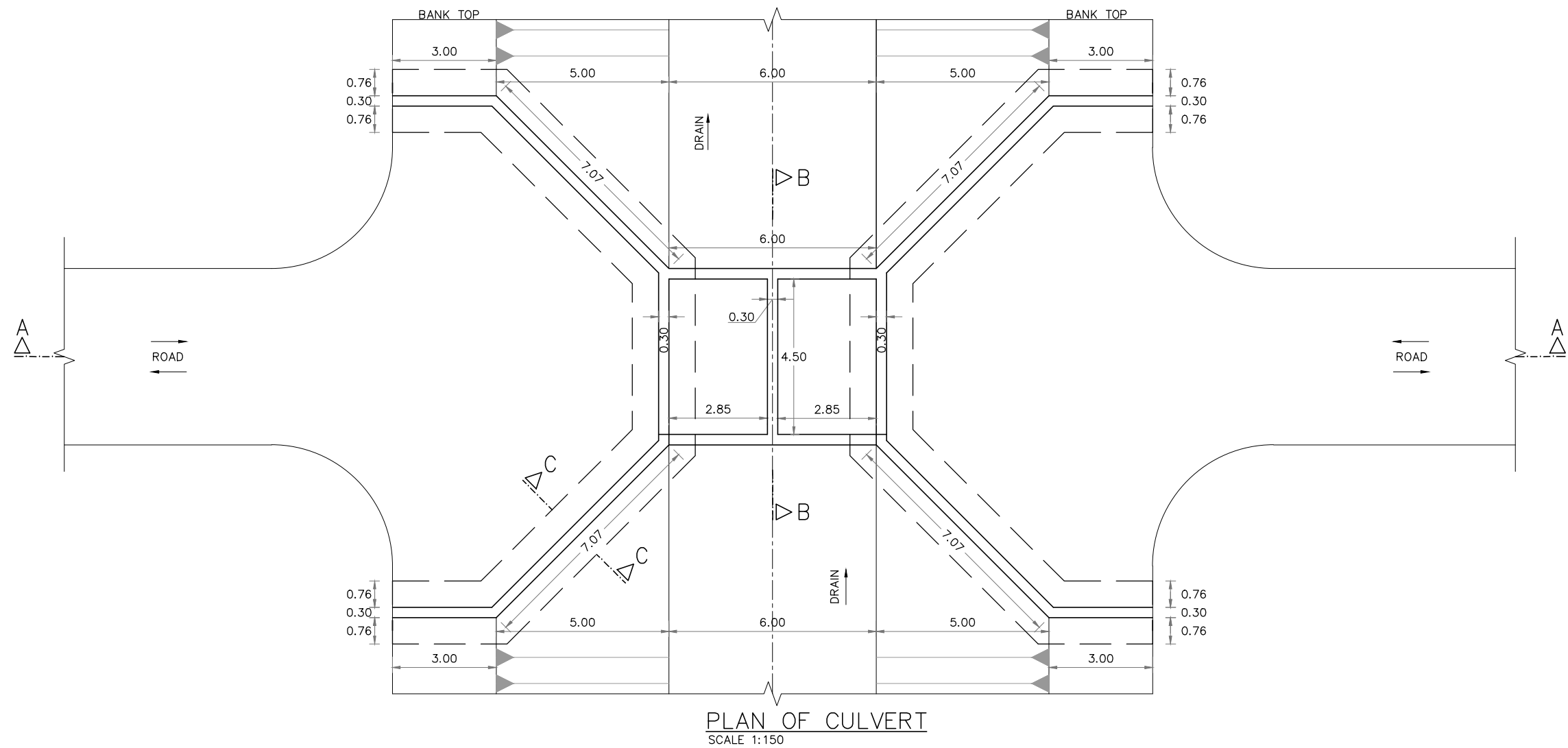
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DATE: AUG / 2025

DRAWING NO: IFRAP-P04/URN-24

SHEET:- 10 OF 18



TENDER DRAWINGS

CLIENT:



IRRIGATION DEPARTMENT
GOVERNMENT OF
BALOCHISTAN

CONSULTANTS:



CONSULTANTS
CONSULTING ENGINEERS ARCHITECTS & PLANNERS.
PLOT NO.07 PARIS ARCADE STREET. NO. 36 E-11/3 MARKAZ ISLAMABAD.
H. NO.38 CHAMAN HOUSING AIRPORT ROAD QUETTA.

PROJECT TITLE:

INTEGRATED FLOOD RESILIENCE AND ADAPTATION PROJECT

SCHEME NAME:

**REHABILITATION OF MAIN DRAINS
UMRANI , MAGSI AND RUPA DRAINS IN
DISTRICT NASEERABAD AND JAFFARABAD
(PACKAGE-04)**

DRAWING TITLE:-

**TYPICAL PLAN OF CULVERT AND
SECTION A-A OF UMRANI DRAIN
AT RD (3+305)**

NOTES:

ALL LEVELS AND DIMENSIONS ARE
IN METERS UNLESS INDICATED
OTHERWISE.

DRAWN BY: SAJID HUSSAIN

DESIGNED BY: KAMRAN BABAR

E CHECKED BY: ZIA-UL-HAQ

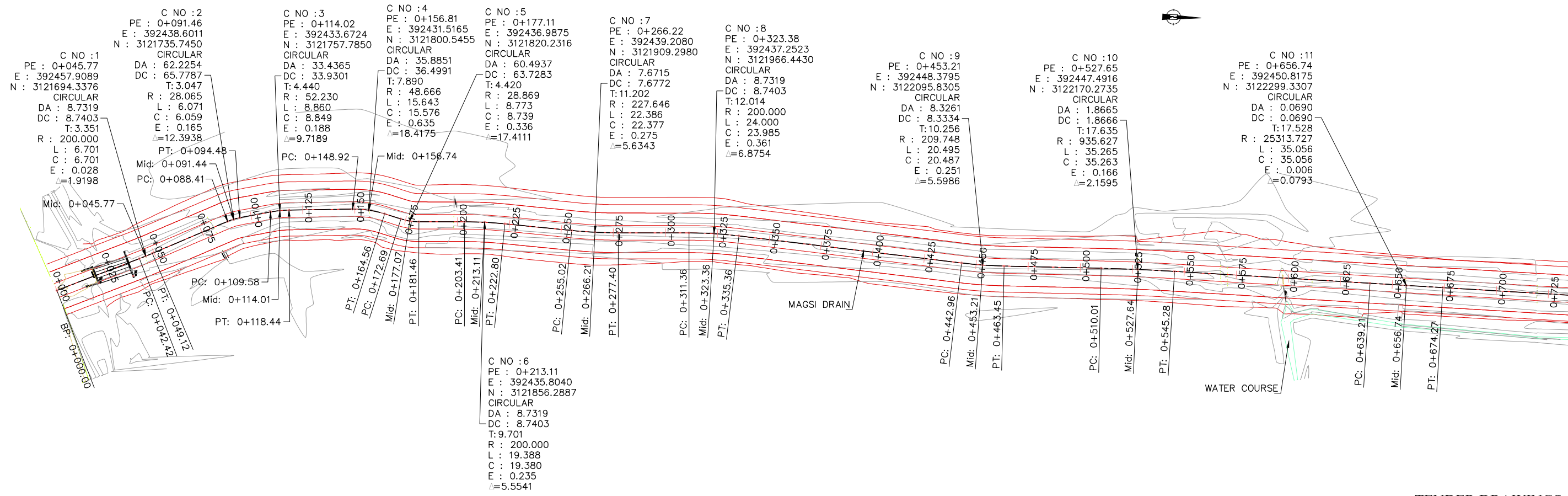
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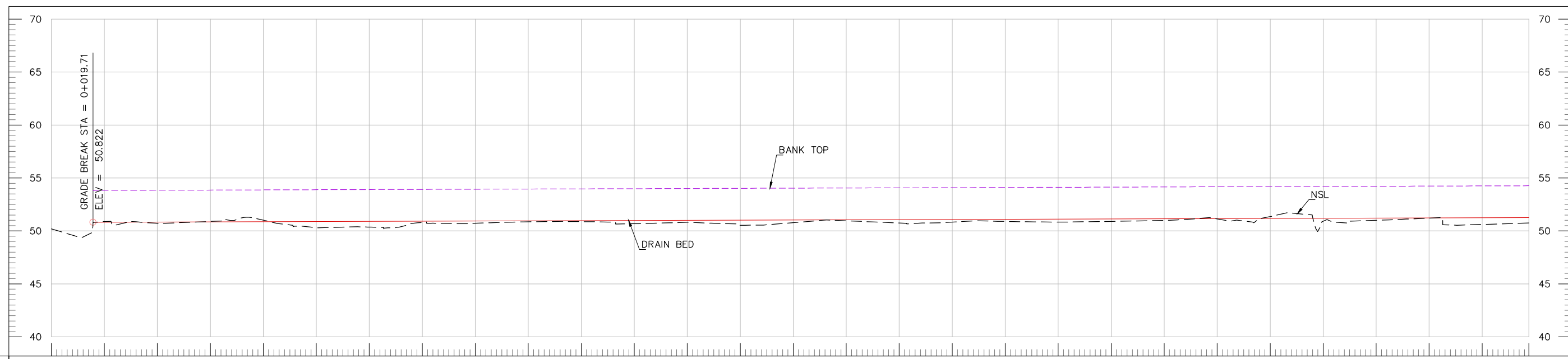
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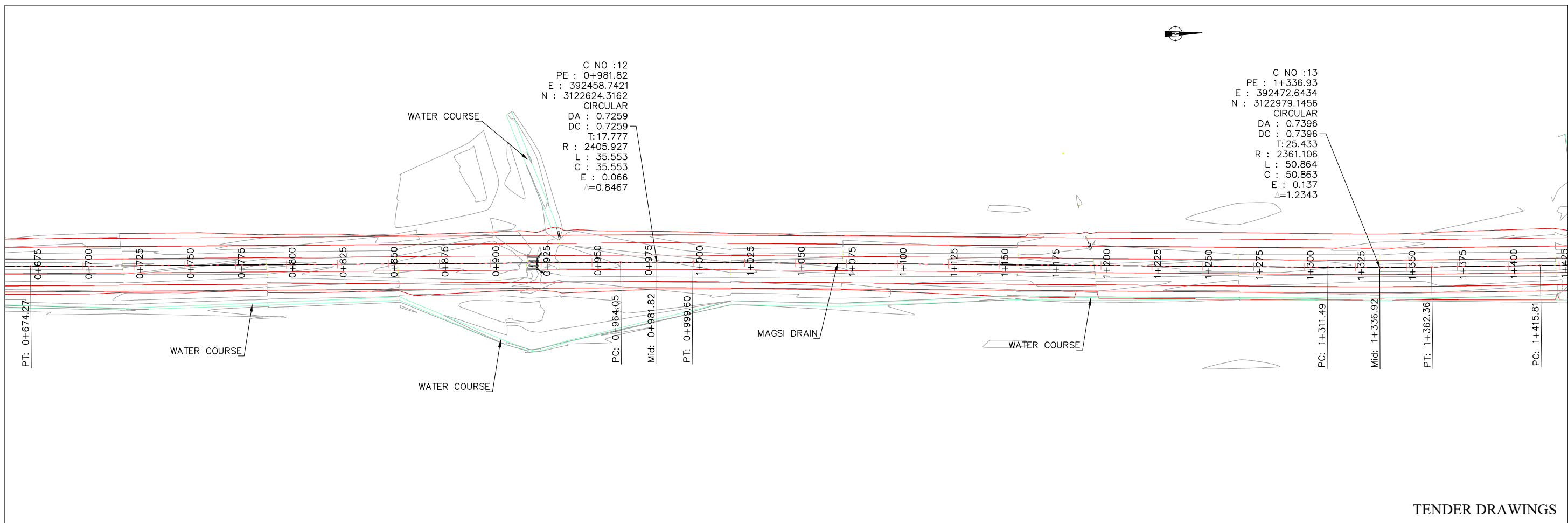
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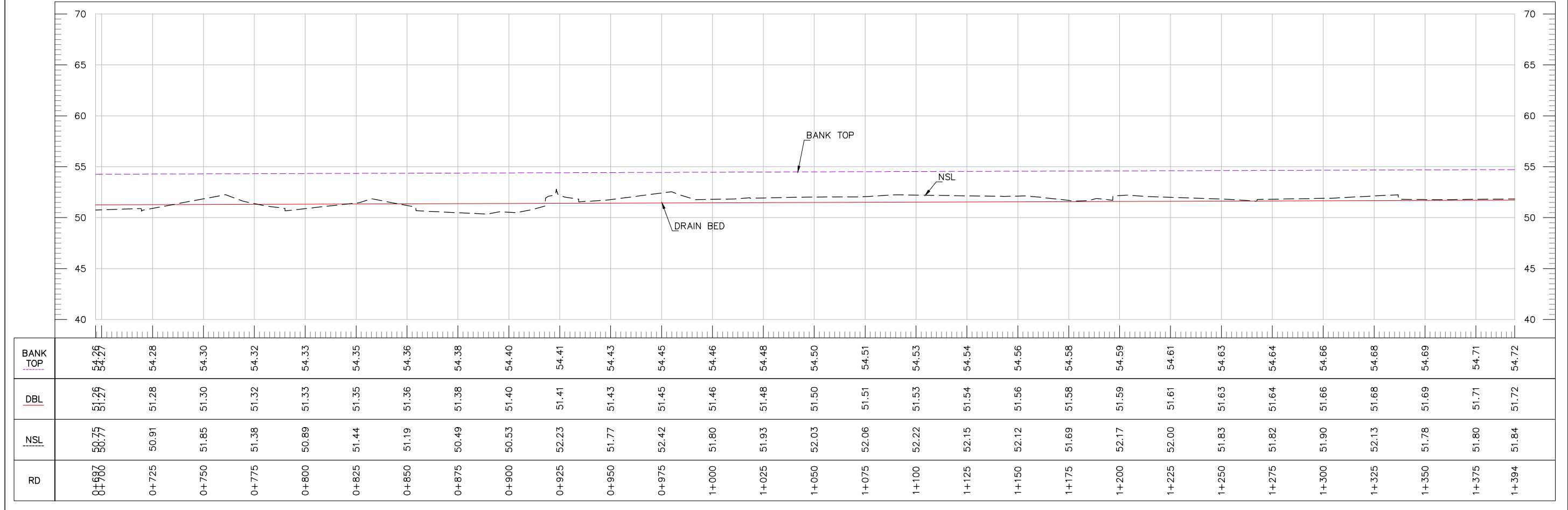
TENDER DRAWINGS



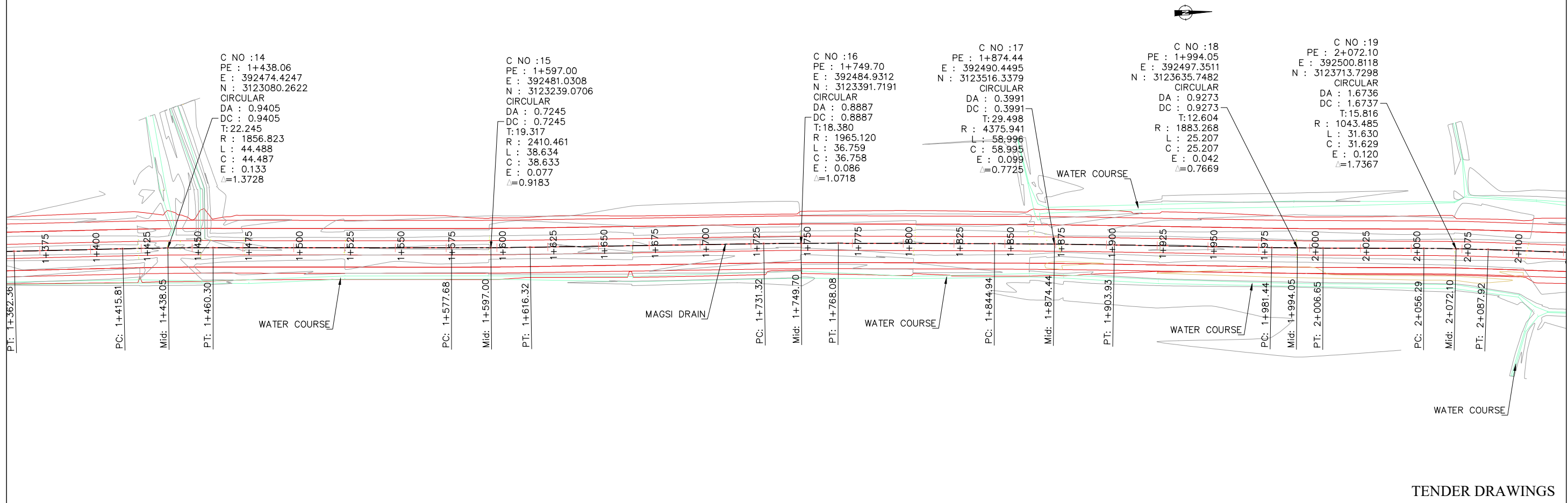
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DBL		50.83	50.84	50.86	50.87	50.89	50.91	50.92	50.94	50.96	50.97	50.99	51.01	51.02	51.04	51.05	51.07	51.09	51.10	51.12	51.14	51.15	51.17	51.19	51.20	51.22	51.23	51.25	51.26
NSL	50.20	50.89	50.73	50.89	51.01	50.31	50.36	50.81	50.72	50.86	50.88	50.68	50.82	50.53	50.78	50.96	50.75	50.83	50.89	50.84	50.90	50.99	51.13	51.35	50.91	51.00	51.21	50.61	50.75
RD	0+000	0+025	0+050	0+075	0+100	0+125	0+150	0+175	0+200	0+225	0+250	0+275	0+300	0+325	0+350	0+375	0+400	0+425	0+450	0+475	0+500	0+525	0+550	0+575	0+600	0+625	0+650	0+675	0+697



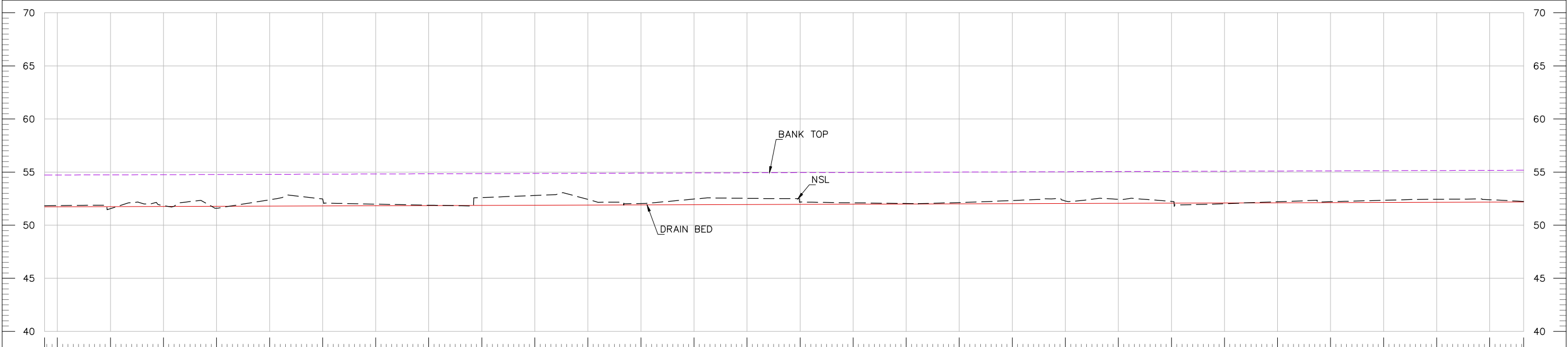
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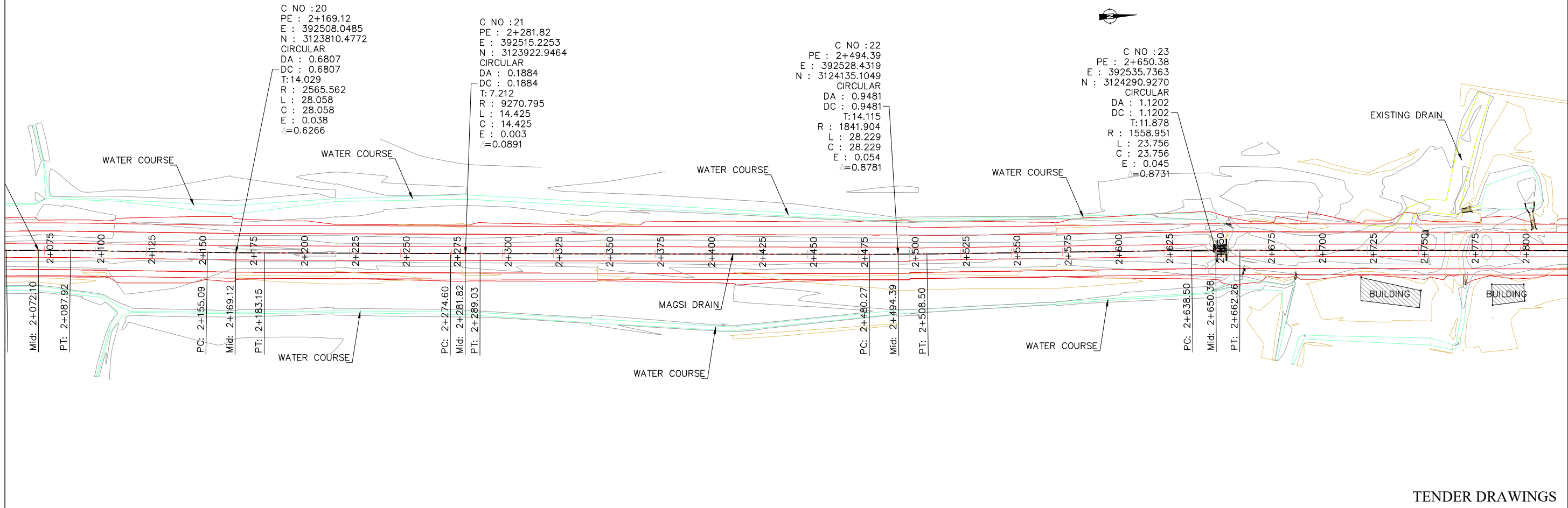
CLIENT:  IRRIGATION DEPARTMENT GOVERNMENT OF BALOCHISTAN	CONSULTANTS:  CAMEOS CONSULTANTS CONSULTING ENGINEERS ARCHITECTS & PLANNERS. PLOT NO.07 PARIS ARCADE STREET, NO. 36 E-11/3 MARKAZ ISLAMABAD. H. NO.38 CHAMAN HOUSING AIRPORT ROAD QUETTA.	PROJECT TITLE: INTEGRATED FLOOD RESILIENCE AND ADAPTATION PROJECT	SCHEME NAME: REHABILITATION OF MAIN DRAINS UMRANI , MAGSI AND RUPA DRAINS IN DISTRICT NASEERABAD AND JAFFARABAD (PACKAGE-04)	DRAWING TITLE:- PLAN AND PROFILE OF MAGSI DRAIN SHEET (02 OF 08)	NOTES: ALL LEVELS AND DIMENSIONS ARE IN METERS UNLESS INDICATED OTHERWISE.	DRAWN BY: FAISAL / USAMA	DESIGNED BY: KAMRAN BABAR
						CHECKED BY: ZIA-UL-HAQ	SCALE: 1:2000
						FILE PATH: G:/IFRAP	DATE: AUG / 2025
						DRAWING NO: IFRAP-P04/MGS-02	SHEET:- 02 OF 08



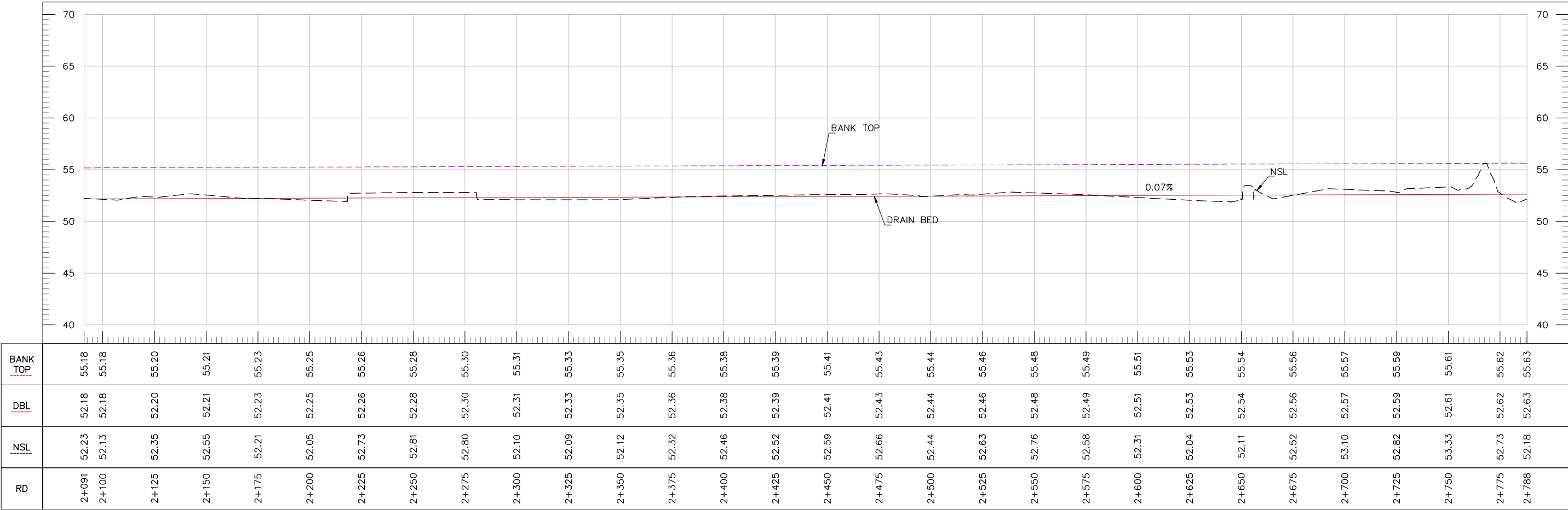
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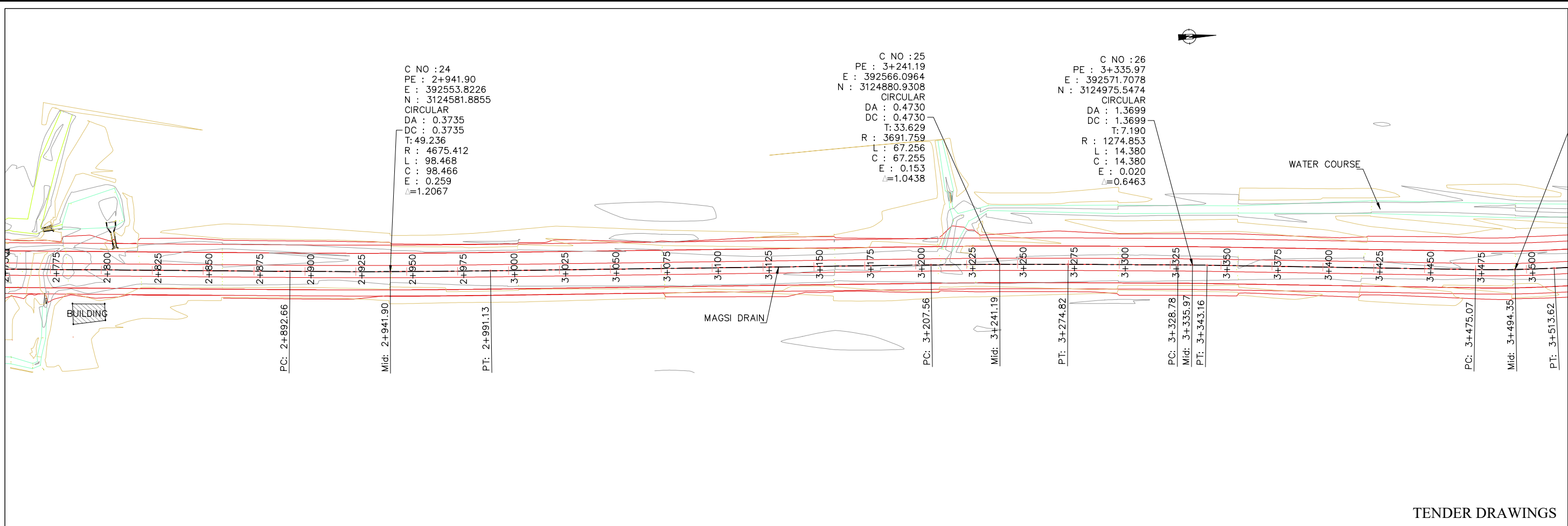


BANK TOP	54.72		54.74	54.76	54.77	54.79	54.81	54.82	54.84	54.86	54.87	54.89	54.90	54.92	54.94	54.95	54.97	54.99	55.00	55.02	55.04	55.05	55.07	55.08	55.10	55.12	55.13	55.15	55.17	55.18
DBL	51.72 51.72		51.74	51.76	51.77	51.79	51.81	51.82	51.84	51.86	51.87	51.89	51.90	51.92	51.94	51.95	51.97	51.99	52.00	52.02	52.04	52.05	52.07	52.08	52.10	52.12	52.13	52.15	52.17	52.18
NSL	51.84 51.85		51.56	51.85	51.60	52.39	52.46	51.98	51.88	52.60	52.80	52.42	52.04	52.46	52.53	52.19	52.11	52.04	52.13	52.32	52.28	52.43	52.24	52.02	52.21	52.21	52.35	52.44	52.39	52.23
RD	1+394 1+400		1+425	1+450	1+475	1+500	1+525	1+550	1+575	1+600	1+625	1+650	1+675	1+700	1+725	1+750	1+775	1+800	1+825	1+850	1+875	1+900	1+925	1+950	1+975	2+000	2+025	2+050	2+075	2+091

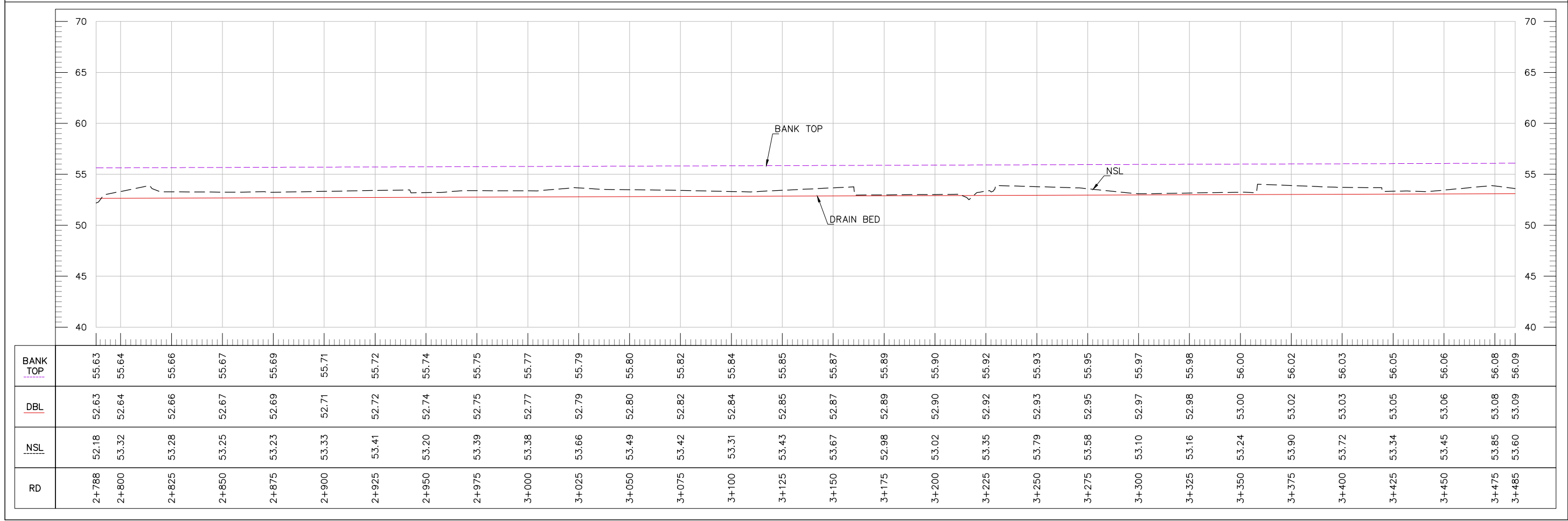


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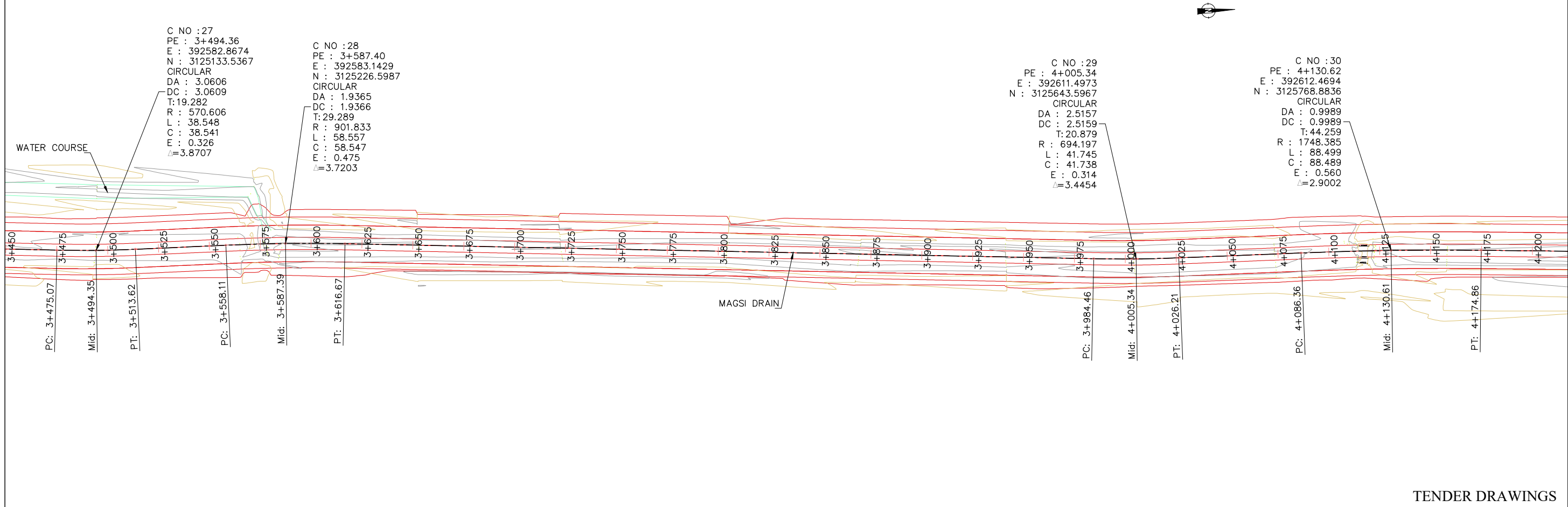




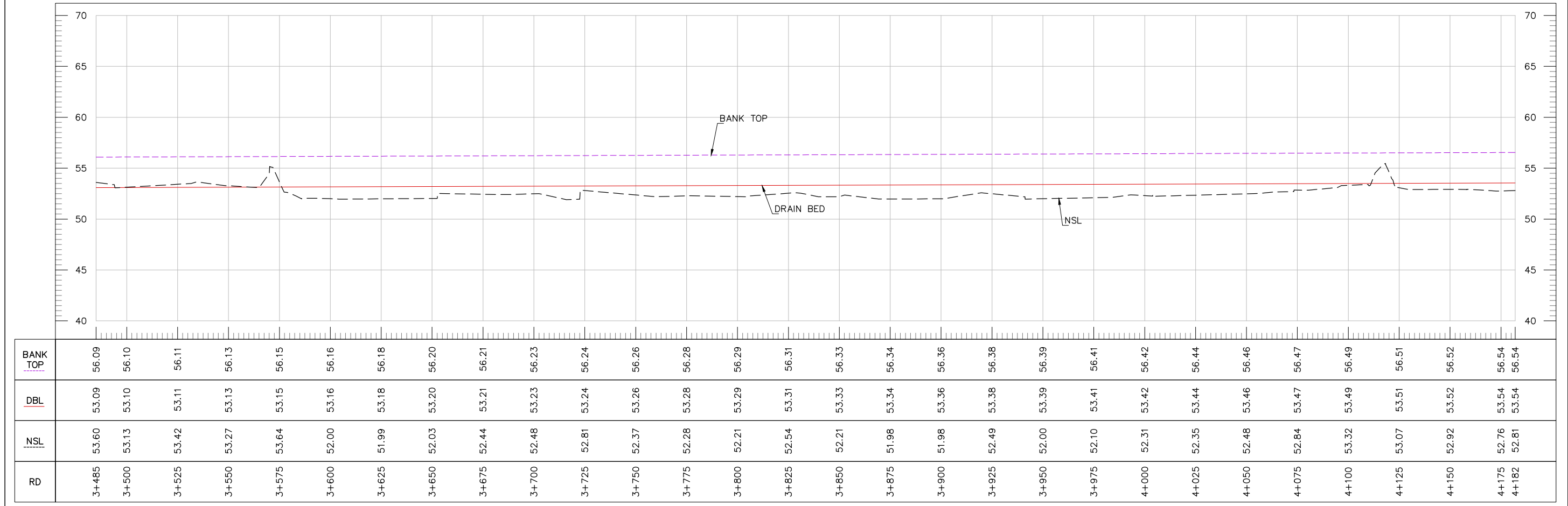
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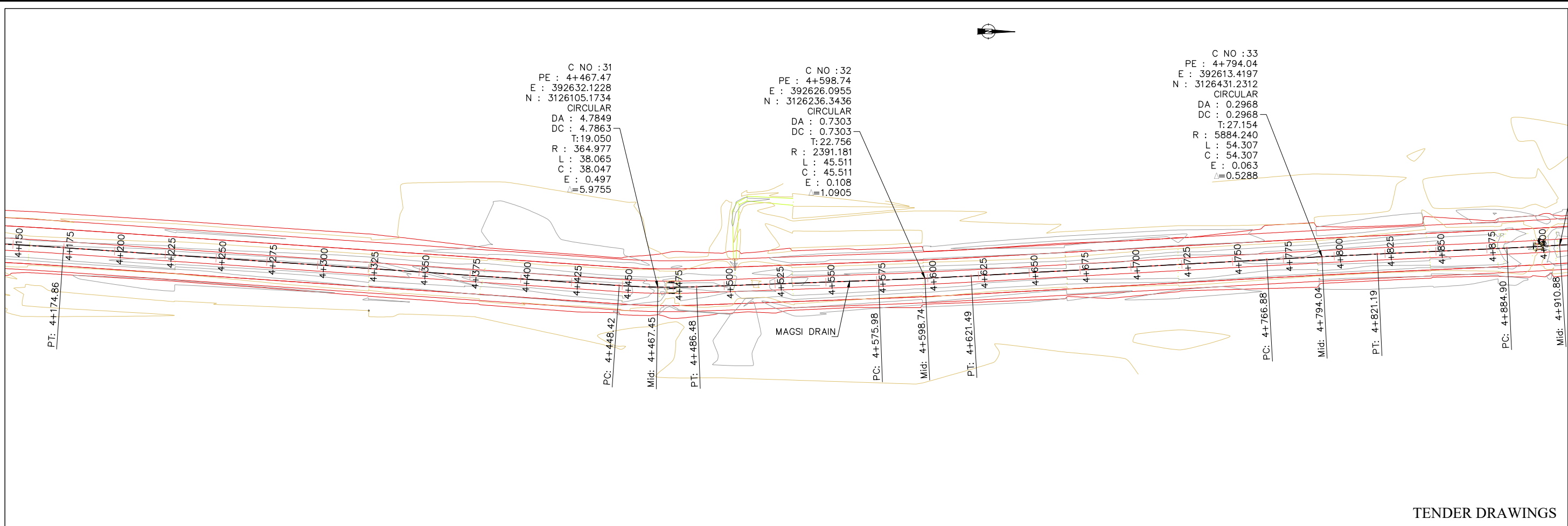
 CLIENT: IRRIGATION DEPARTMENT GOVERNMENT OF BALOCHISTAN	 CONSULTANTS: CAMEOS CONSULTANTS CONSULTING ENGINEERS ARCHITECTS & PLANNERS. PLOT NO.07 PARIS ARCADE STREET, NO. 36 E-11/3 MARKAZ ISLAMABAD. H. NO.38 CHAMAN HOUSING AIRPORT ROAD QUETTA.	PROJECT TITLE: INTEGRATED FLOOD RESILIENCE AND ADAPTATION PROJECT	SCHEME NAME: REHABILITATION OF MAIN DRAINS UMRANI , MAGSI AND RUPA DRAINS IN DISTRICT NASEERABAD AND JAFFARABAD (PACKAGE-04)	DRAWING TITLE:- PLAN AND PROFILE OF MAGSI DRAIN SHEET (05 OF 08)	NOTES: ALL LEVELS AND DIMENSIONS ARE IN METERS UNLESS INDICATED OTHERWISE.	DRAWN BY: FAISAL / USAMA	DESIGNED BY: KAMRAN BABAR
						CHECKED BY: ZIA-UL-HAQ	SCALE: 1:2000
						FILE PATH: G:/IFRAP	DATE: AUG / 2025
						DRAWING NO: IFRAP-P04/MGS-05	SHEET:- 05 OF 08



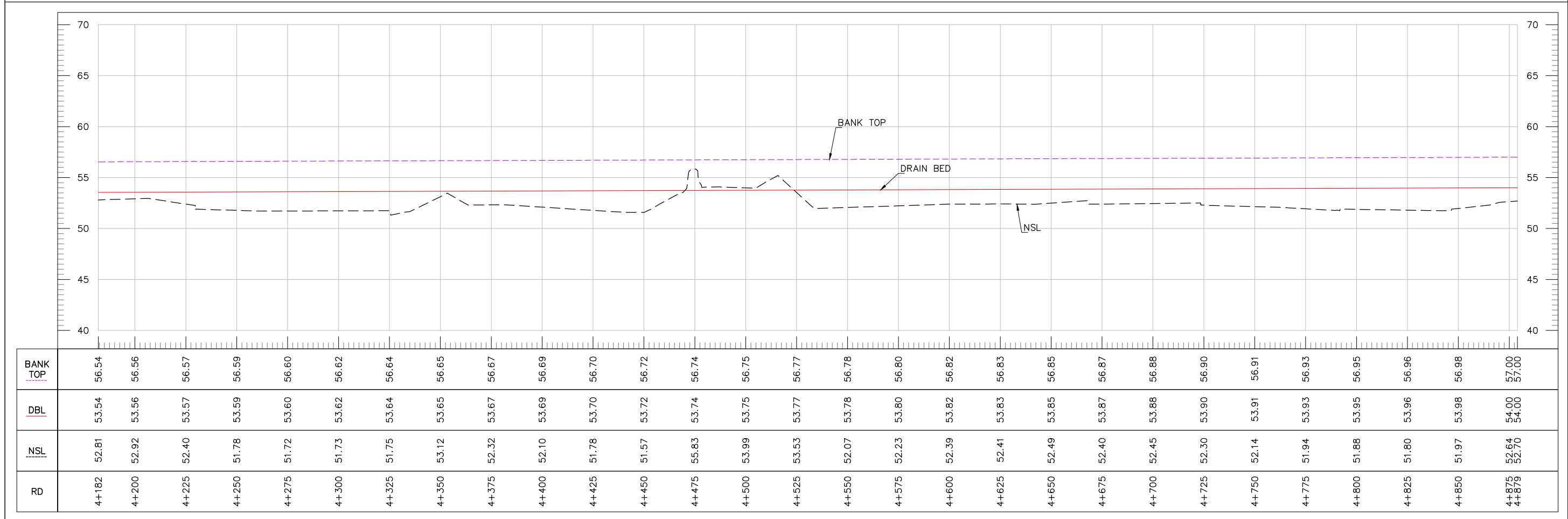
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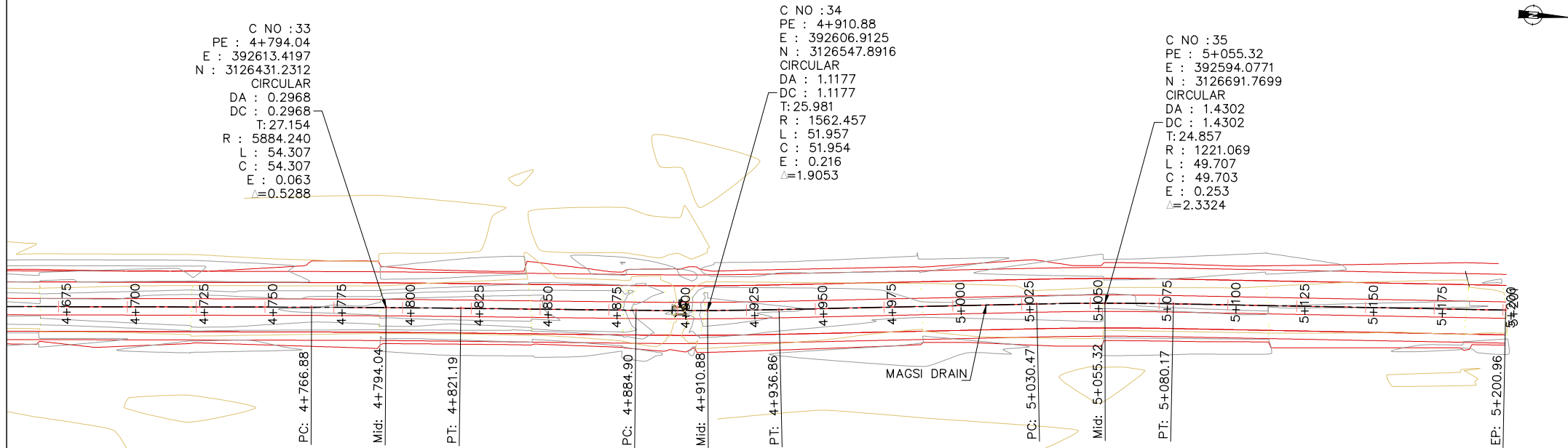


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DBL	53.09	53.10	53.11	53.13	53.15	53.16	53.18	53.20	53.21	53.23	53.24	53.26	53.28	53.29	53.31	53.33	53.34	53.36	53.38	53.39	53.41	53.42	53.44	53.46	53.47	53.49	53.51	53.52	53.54	53.54
NSL	53.60	53.13	53.42	53.27	53.64	52.00	51.99	52.03	52.44	52.48	52.81	52.37	52.28	52.21	52.54	52.21	51.98	51.98	52.49	52.00	52.10	52.31	52.35	52.48	52.84	53.32	53.07	52.92	52.76	52.81
RD	3+485	3+500	3+525	3+550	3+575	3+600	3+625	3+650	3+675	3+700	3+725	3+750	3+775	3+800	3+825	3+850	3+875	3+900	3+925	3+950	3+975	4+000	4+025	4+050	4+075	4+100	4+125	4+150	4+175	4+182

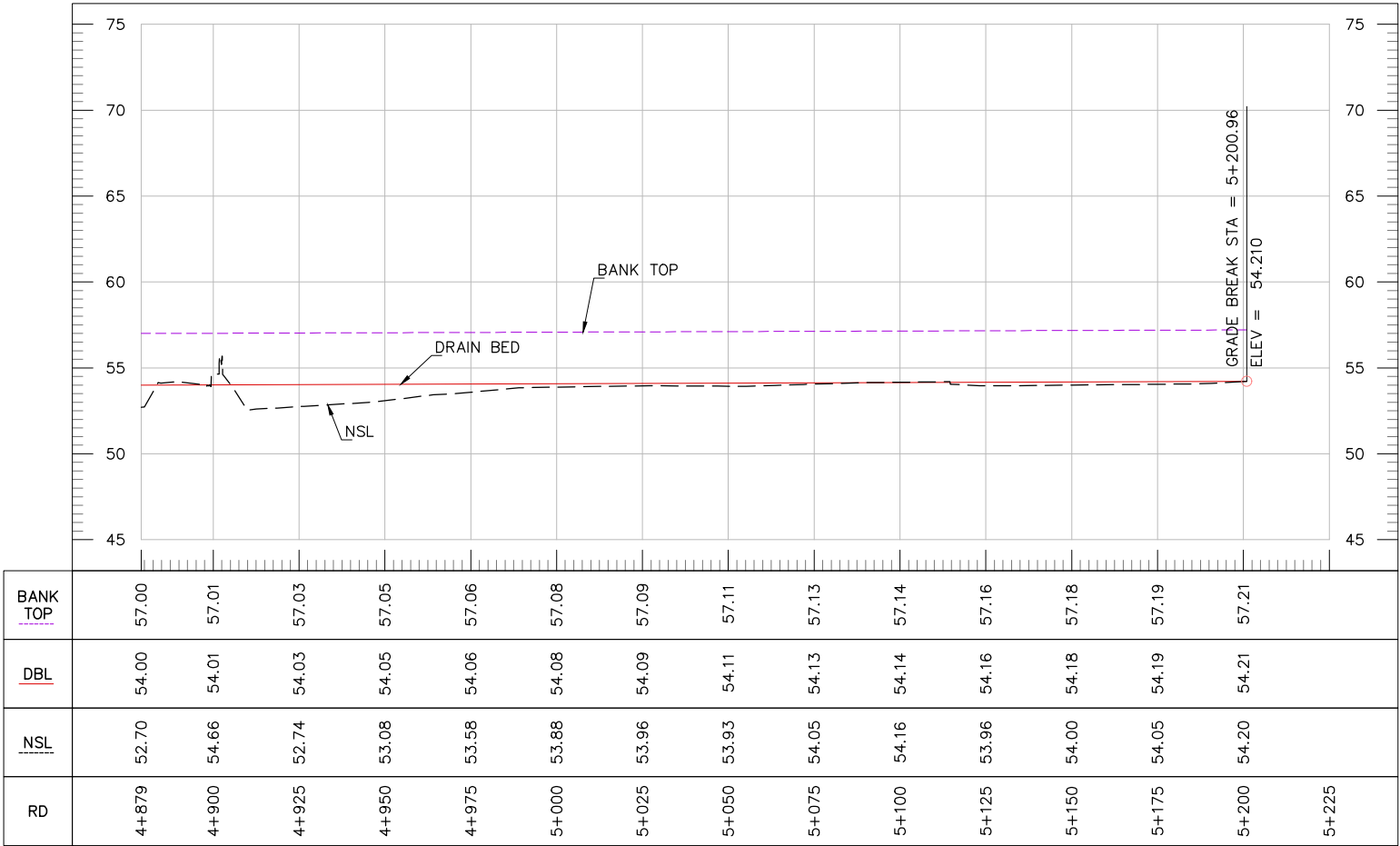


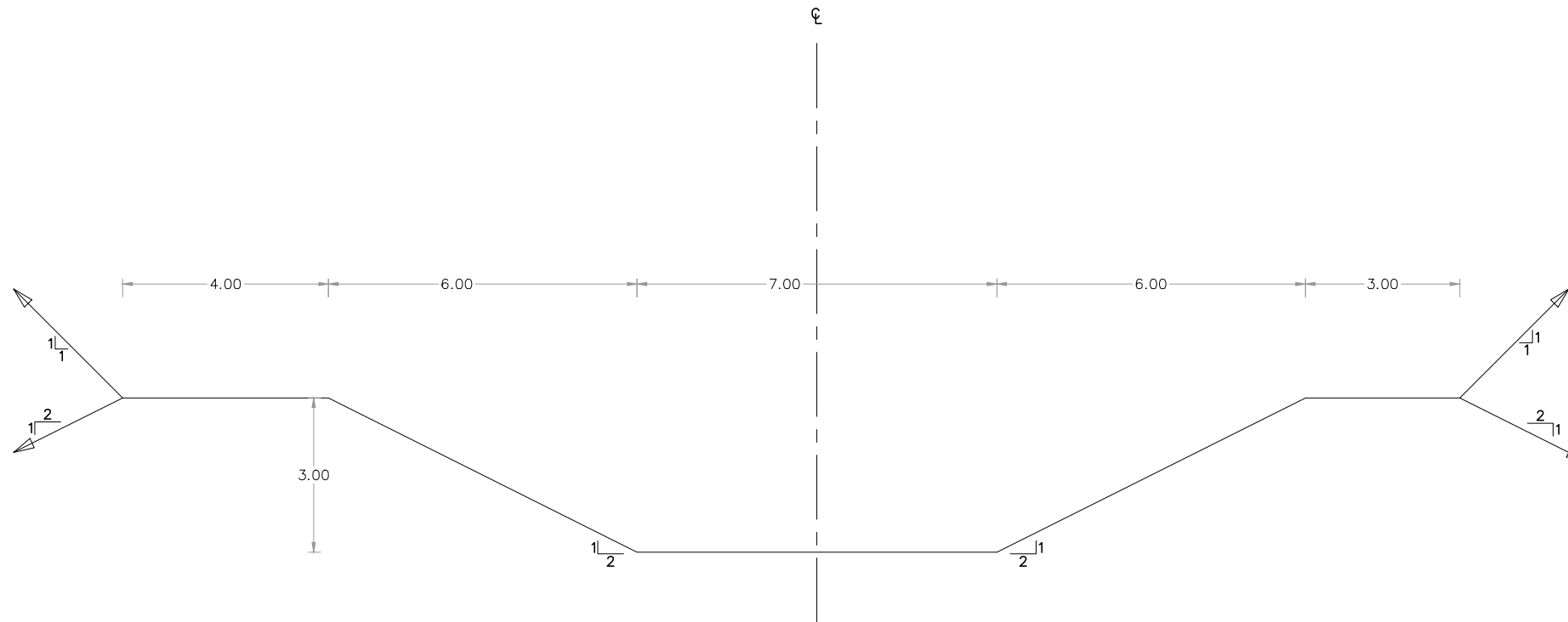
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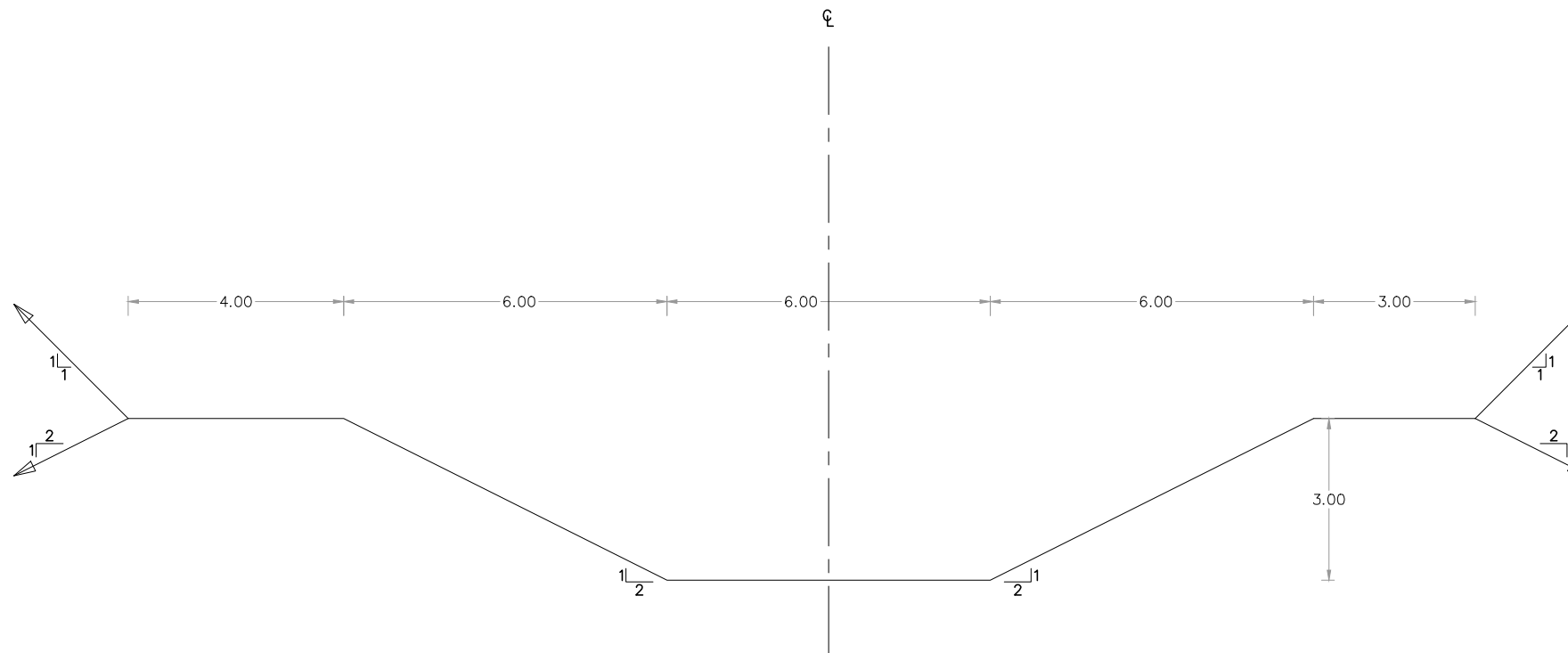


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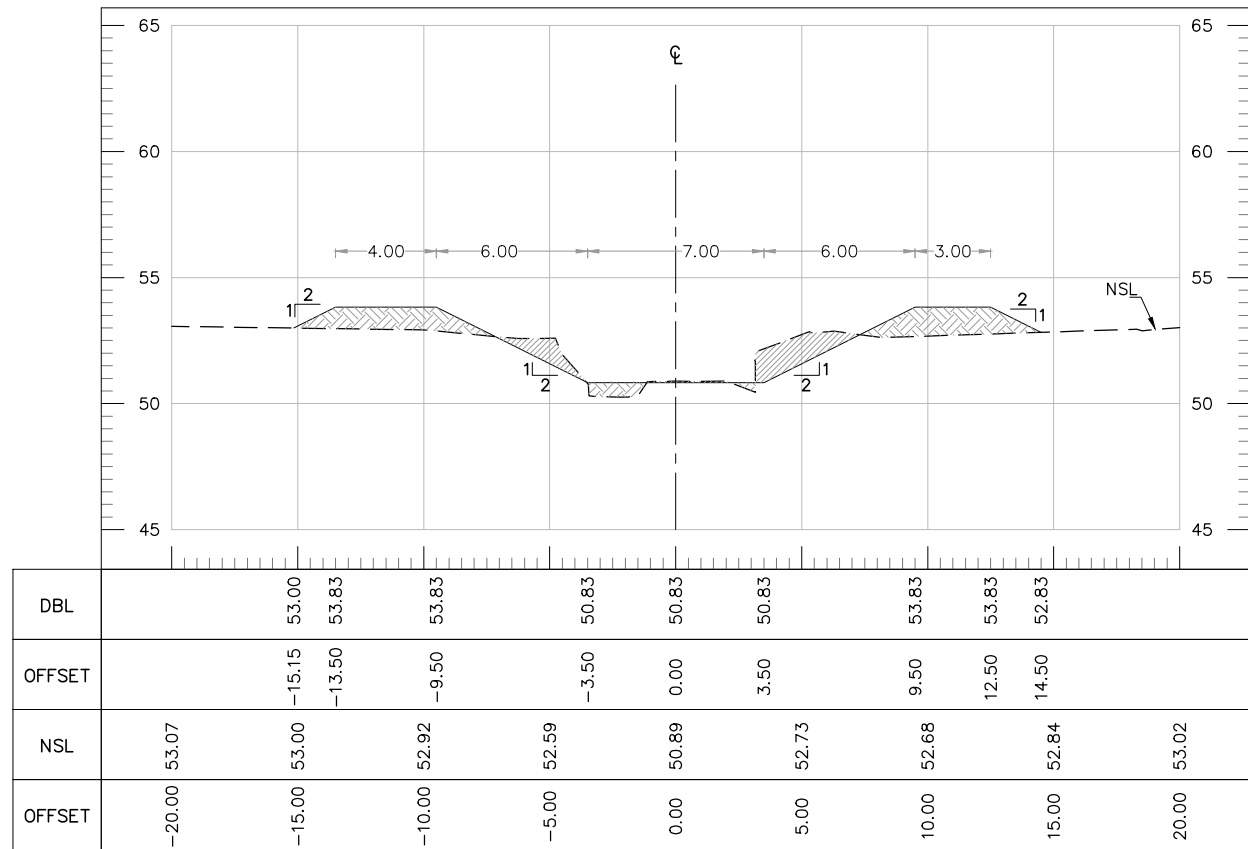
TYPICAL CROSS SECTION OF MAGSI DRAIN AT RD (0+025 TO 2+475.00)



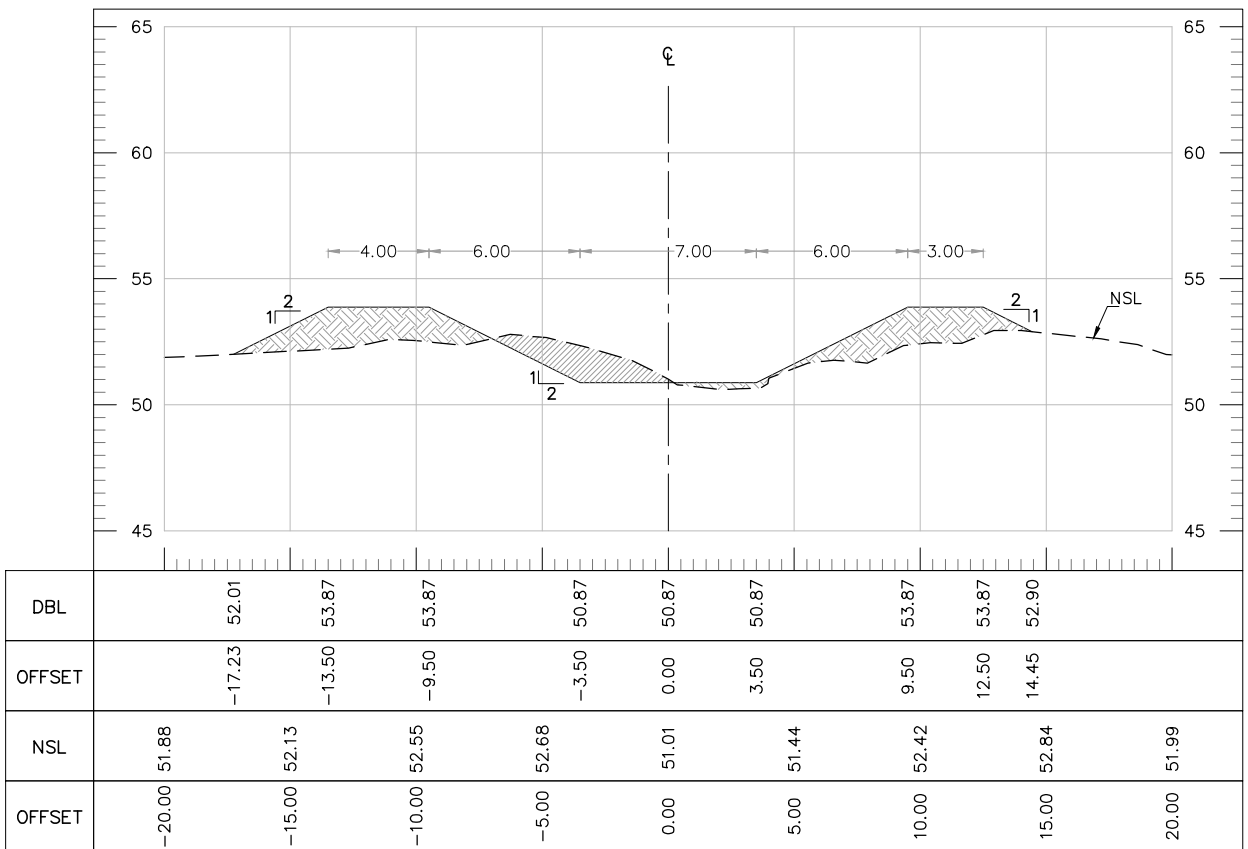
TYPICAL CROSS SECTION OF MAGSI DRAIN AT RD (2+500 TO 5+200)

TENDER DRAWINGS

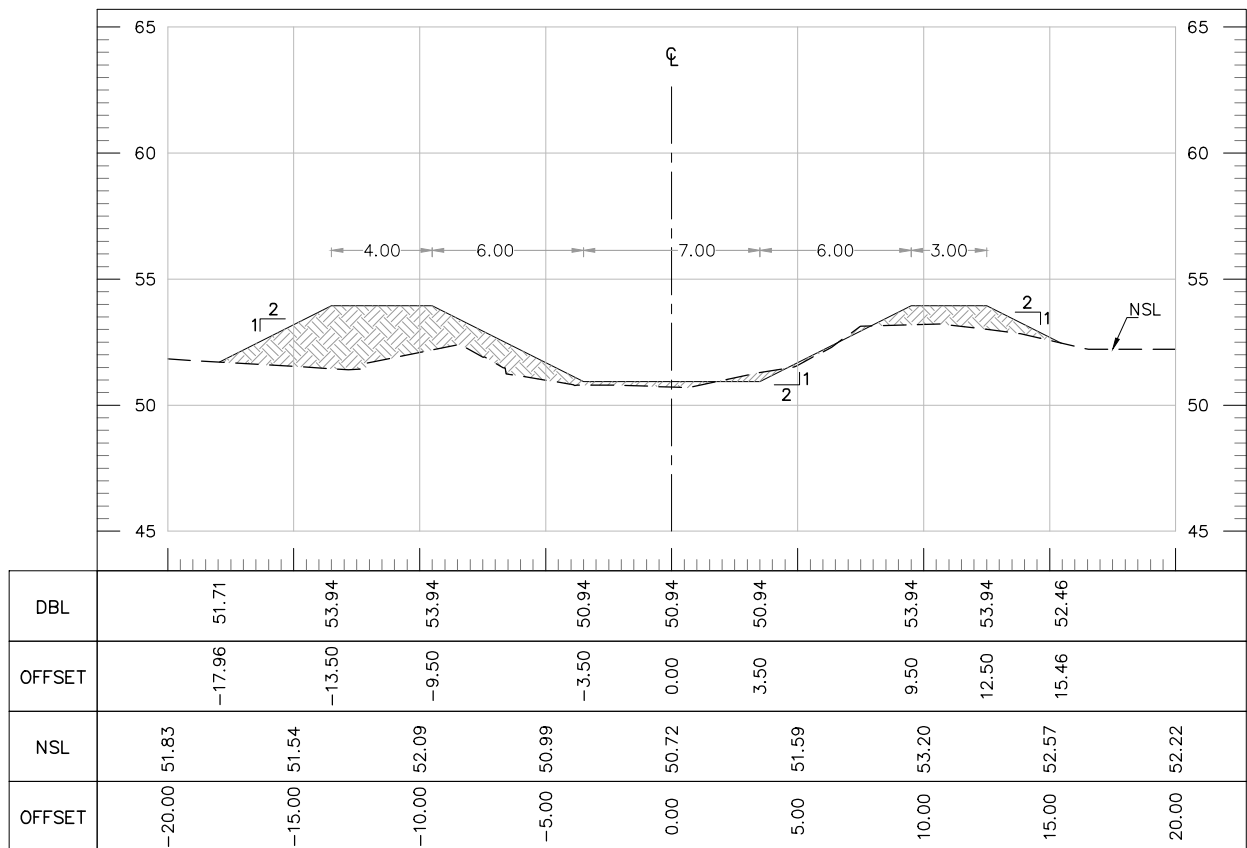
CLIENT:  IRRIGATION DEPARTMENT GOVERNMENT OF BALOCHISTAN	CONSULTANTS:  CAMEOS CONSULTANTS CONSULTING ENGINEERS ARCHITECTS & PLANNERS. PLOT NO.07 PARIS ARCADE STREET, NO. 36 E-11/3 MARKAZ ISLAMABAD. H. NO.38 CHAMAN HOUSING AIRPORT ROAD QUETTA.	PROJECT TITLE: INTEGRATED FLOOD RESILIENCE AND ADAPTATION PROJECT	SCHEME NAME: REHABILITATION OF MAIN DRAINS UMRANI, MAGSI & RUPA DRAIN IN DISTRICT NASEERABAD AND JAFFARABAD (PACKAGE-04)	DRAWING TITLE:- TYPICAL CROSS SECTION OF MAGSI DRAIN	NOTES: ALL LEVELS AND DIMENSIONS ARE IN METERS UNLESS INDICATED OTHERWISE.	DRAWN BY: SAJID HUSSAIN CHECKED BY: ZIA-UL-HAQ FILE PATH: G:/ IFRAP DRAWING NO: IFRAP-P04/MGS-09	DESIGNED BY: KAMRAN BABAR SCALE: 1:125 DATE: AUG / 2025 SHEET:- 01 OF 01
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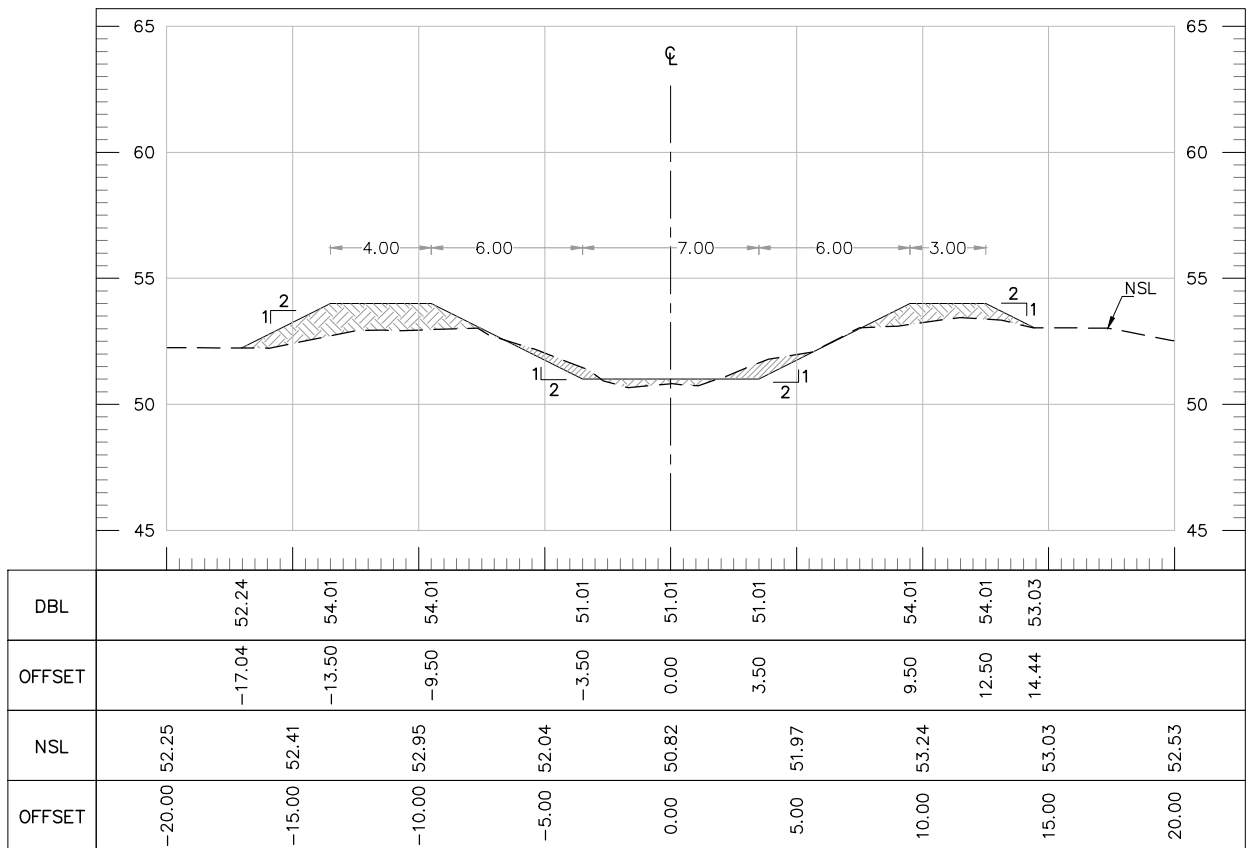
AT RD 0+025.00



AT RD 0+100.00

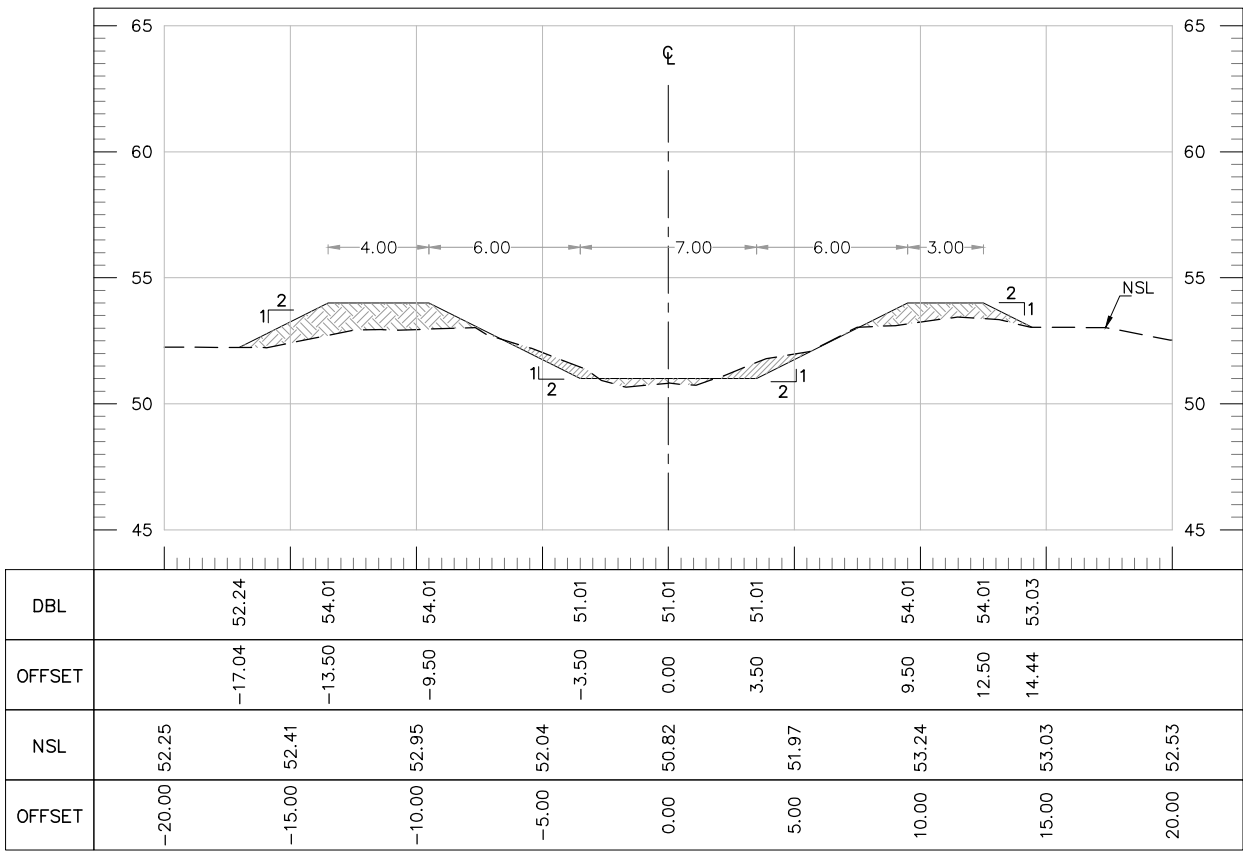


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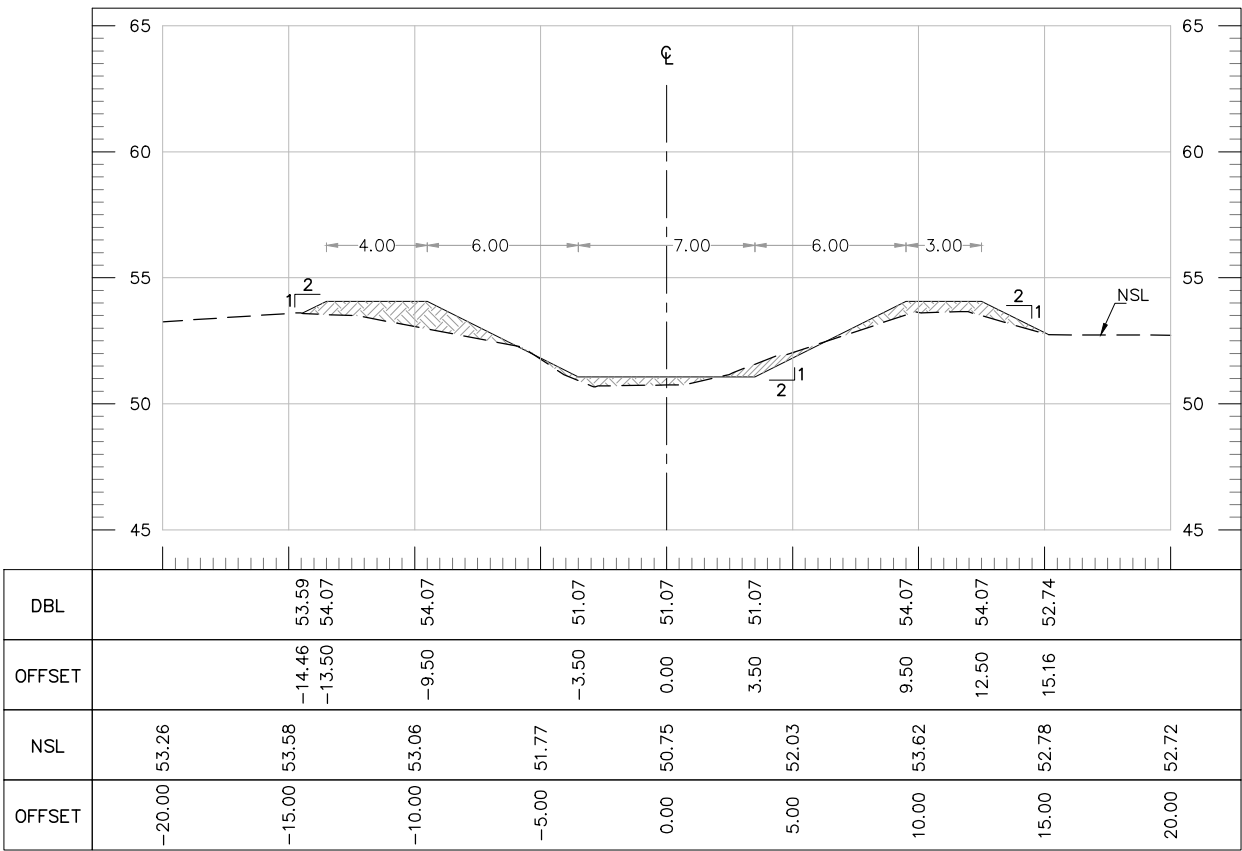


AT RD 0+300.00

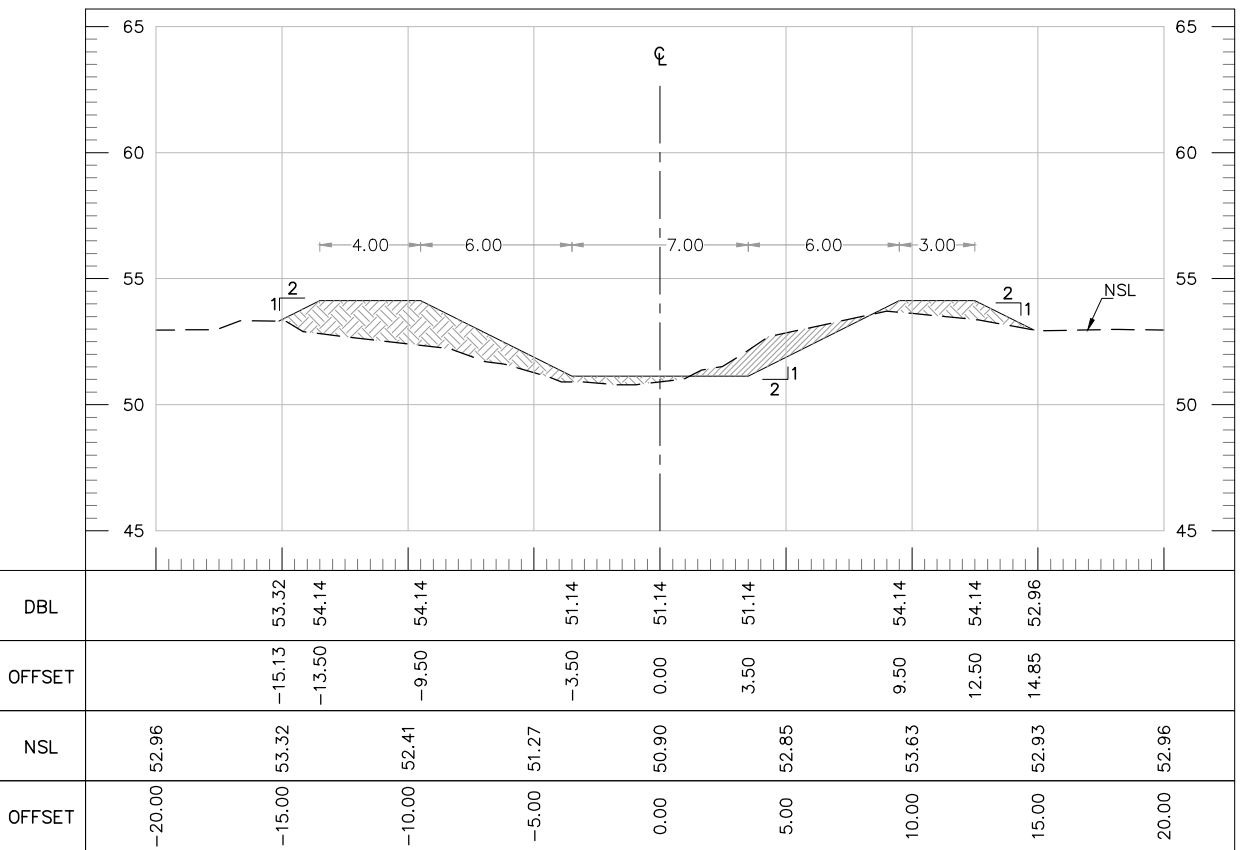
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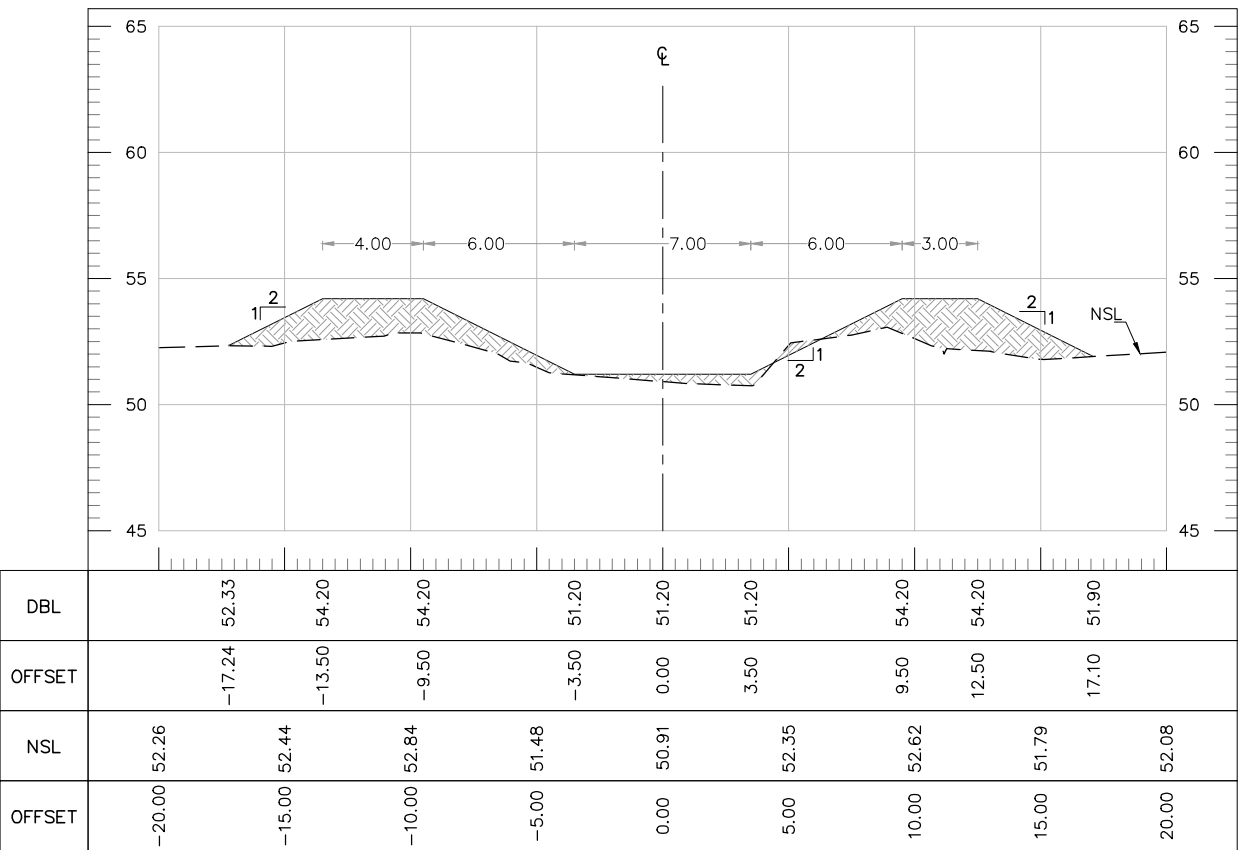
AT RD 0+300.00



AT RD 0+400.00



AT RD 0+500.00



AT RD 0+600.00

TENDER DRAWINGS

CLIENT:



IRRIGATION DEPARTMENT
GOVERNMENT OF
BALOCHISTAN

CONSULTANTS:



CONSULTING ENGINEERS ARCHITECTS & PLANNERS.
PLOT NO.07 PARIS ARCADE STREET, NO. 36 E-11/3 MARKAZ ISLAMABAD.
H. NO.38 CHAMAN HOUSING AIRPORT ROAD QUETTA.

PROJECT TITLE:

INTEGRATED FLOOD RESILIENCE AND
ADAPTATION PROJECT

SCHEME NAME:

REHABILITATION OF MAIN DRAINS
UMRANI, MAGSI & RUPA DRAIN IN
DISTRICT NASEERABAD AND JAFFARABAD
(PACKAGE-04)

DRAWING TITLE:-

CROSS SECTION OF
MAGSI DRAIN
AT RD
(0+225 TO 0+300)

NOTES:

ALL LEVELS AND DIMENSIONS ARE
IN METERS UNLESS INDICATED
OTHERWISE.

DRAWN BY: SAJID HUSSAIN

CHECKED BY: ZIA-UL-HAQ

FILE PATH: G:/IFRAP

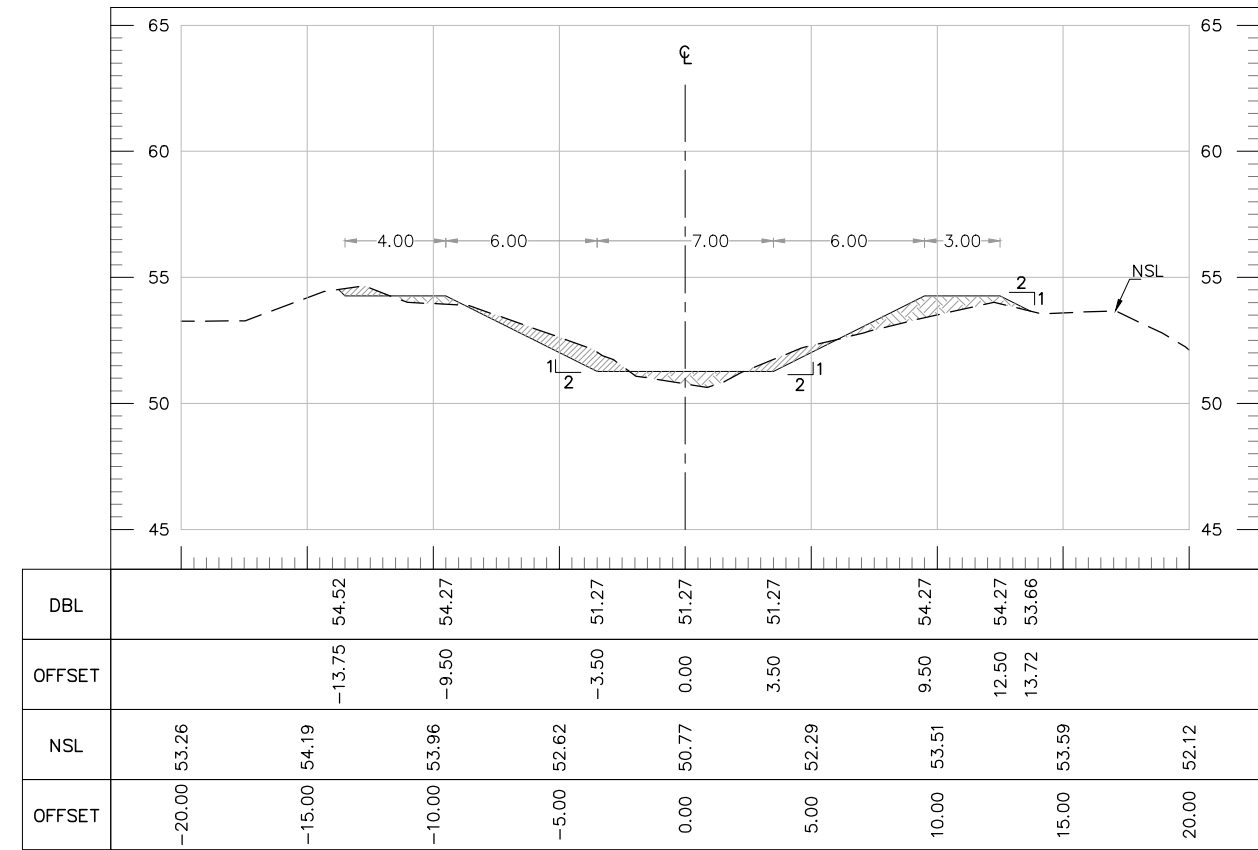
DRAWING NO: IFRAP-P04/MGS-11

DESIGNED BY: KAMRAN BABAR

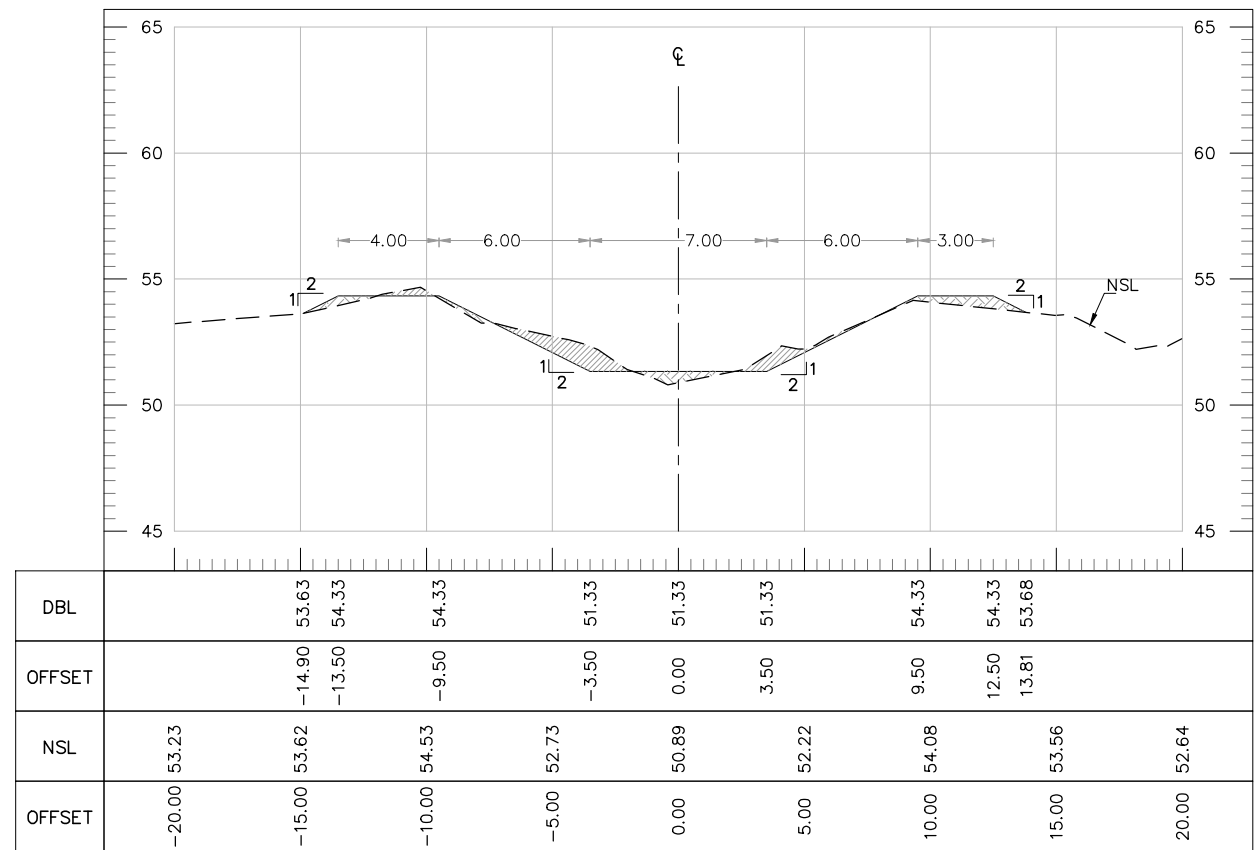
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DATE: AUG / 2025

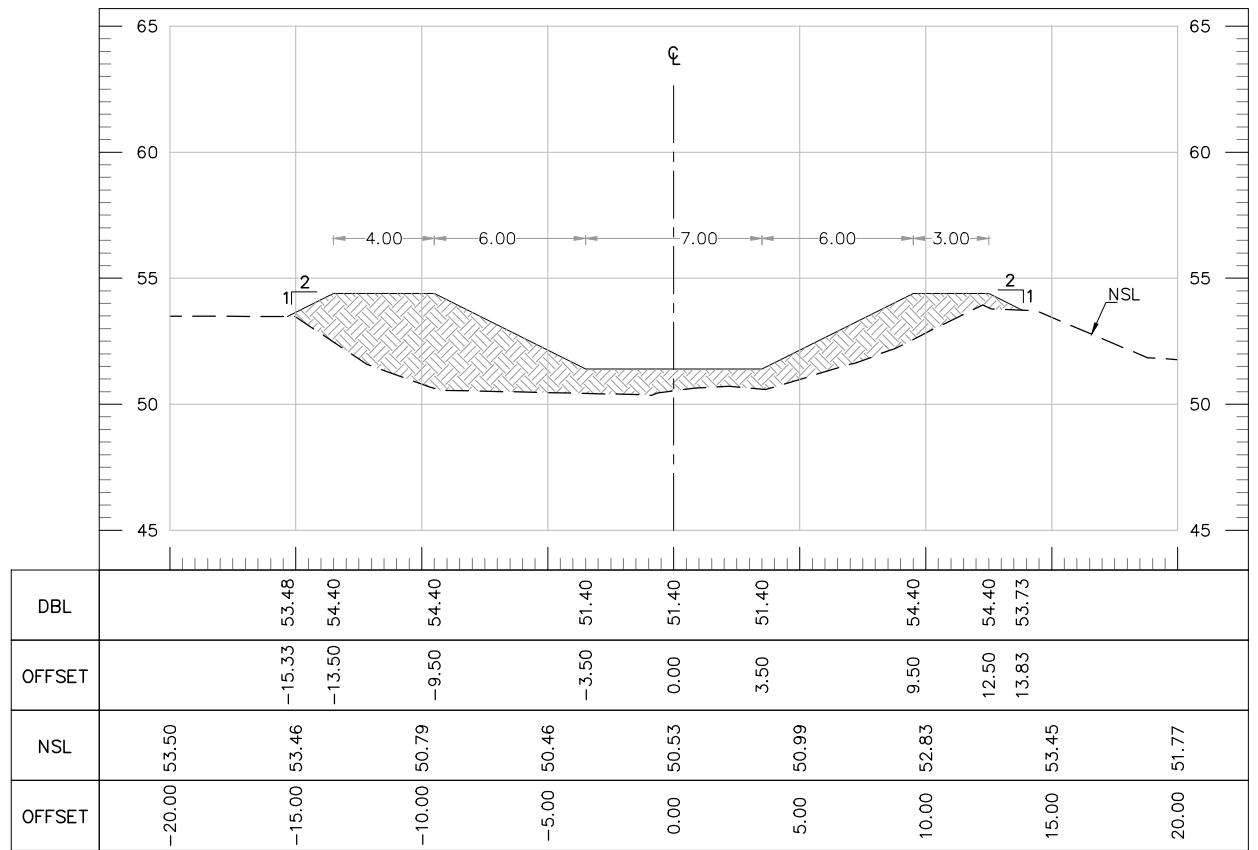
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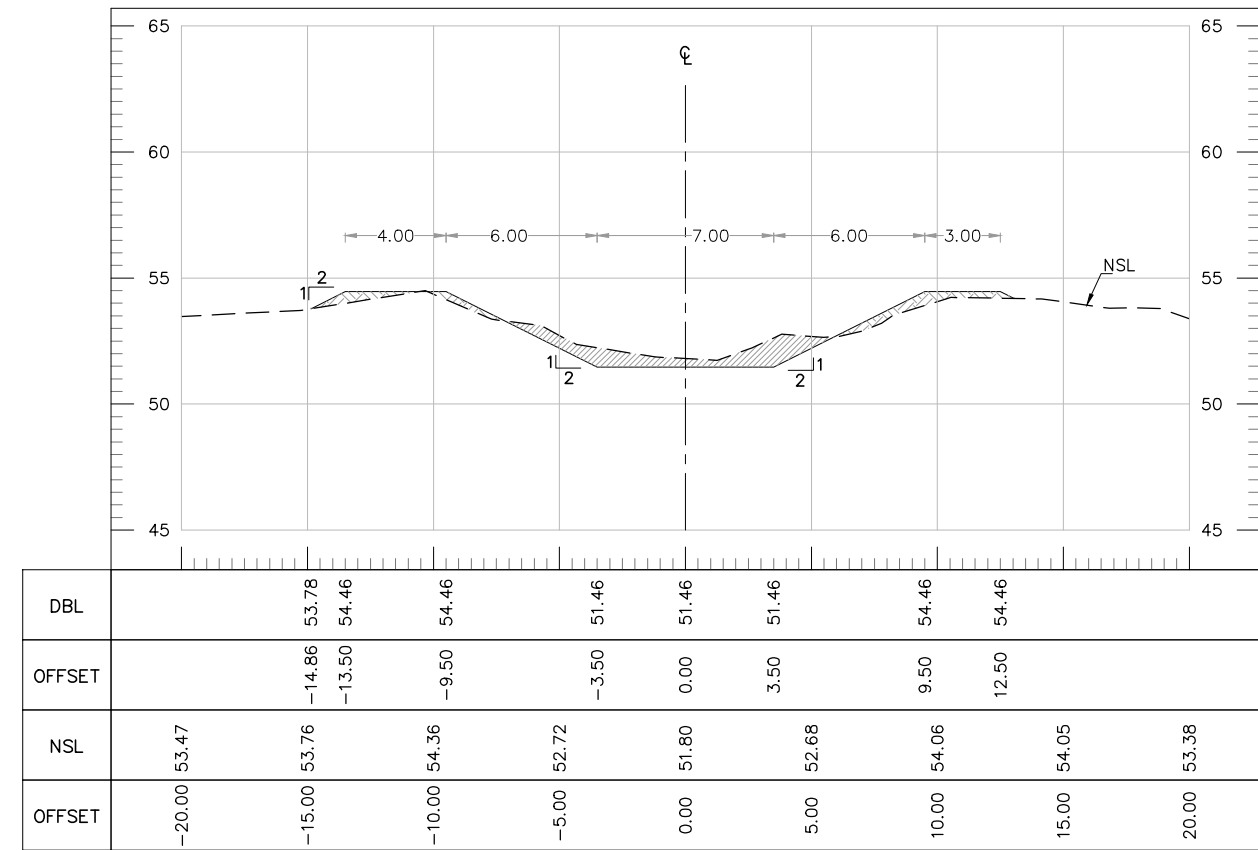
AT RD 0+700.00



AT RD 0+800.00



AT RD 0+900.00



AT RD 1+000.00

TENDER DRAWINGS

CLIENT:



IRRIGATION DEPARTMENT
GOVERNMENT OF
BALOCHISTAN

CONSULTANTS:



CONSULTANTS
CONSULTING ENGINEERS ARCHITECTS & PLANNERS.
PLOT NO.07 PARIS ARCADE STREET, NO. 36 E-11/3 MARKAZ ISLAMABAD.
H. NO.38 CHAMAN HOUSING AIRPORT ROAD QUETTA.

PROJECT TITLE:

INTEGRATED FLOOD RESILIENCE AND
ADAPTATION PROJECT

SCHEME NAME:

REHABILITATION OF MAIN DRAINS
UMRANI, MAGSI & RUPA DRAIN IN
DISTRICT NASEERABAD AND JAFFARABAD
(PACKAGE-04)

DRAWING TITLE:-

CROSS SECTION OF
MAGSI DRAIN
AT RD
(0+625 TO 0+700)

NOTES:

ALL LEVELS AND DIMENSIONS ARE
IN METERS UNLESS INDICATED
OTHERWISE.

DRAWN BY: SAJID HUSSAIN

DESIGNED BY: KAMRAN BABAR

CHECKED BY: ZIA-UL-HAQ

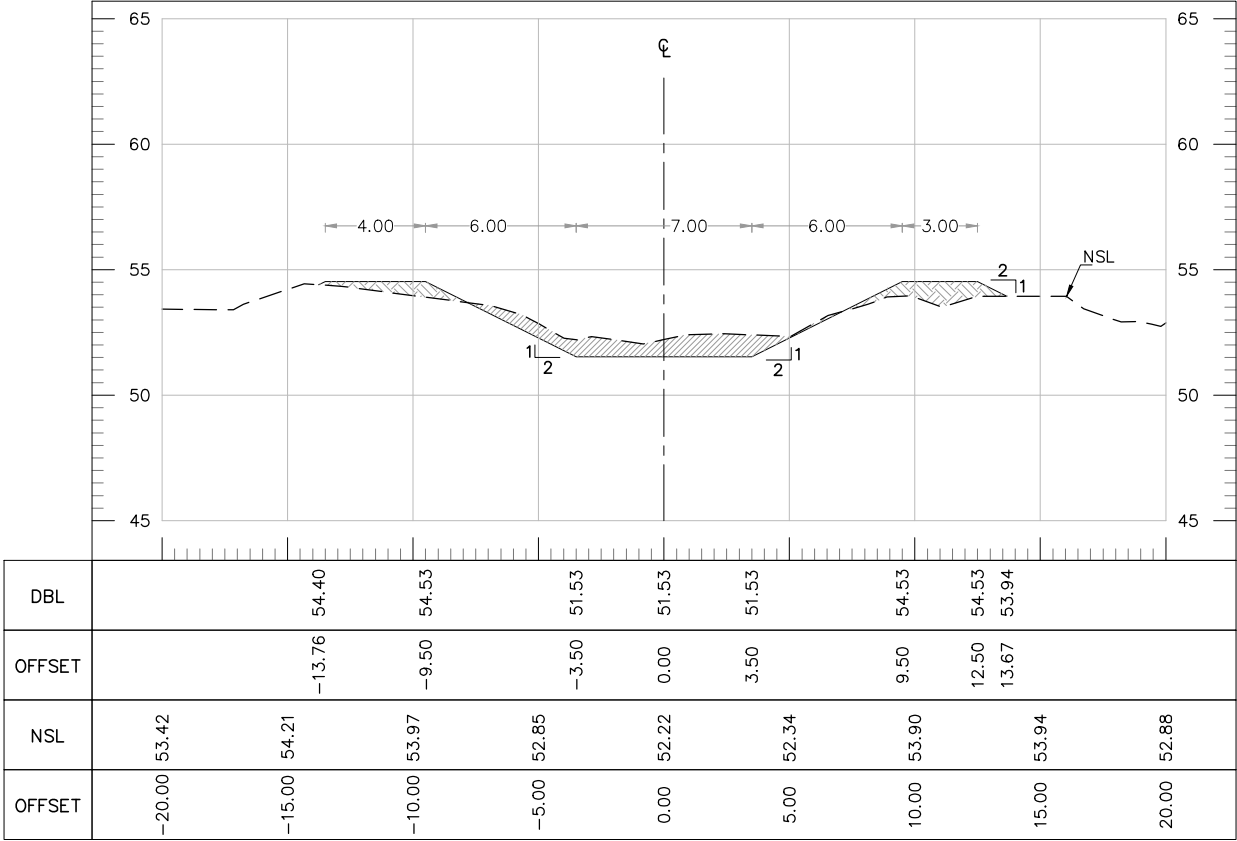
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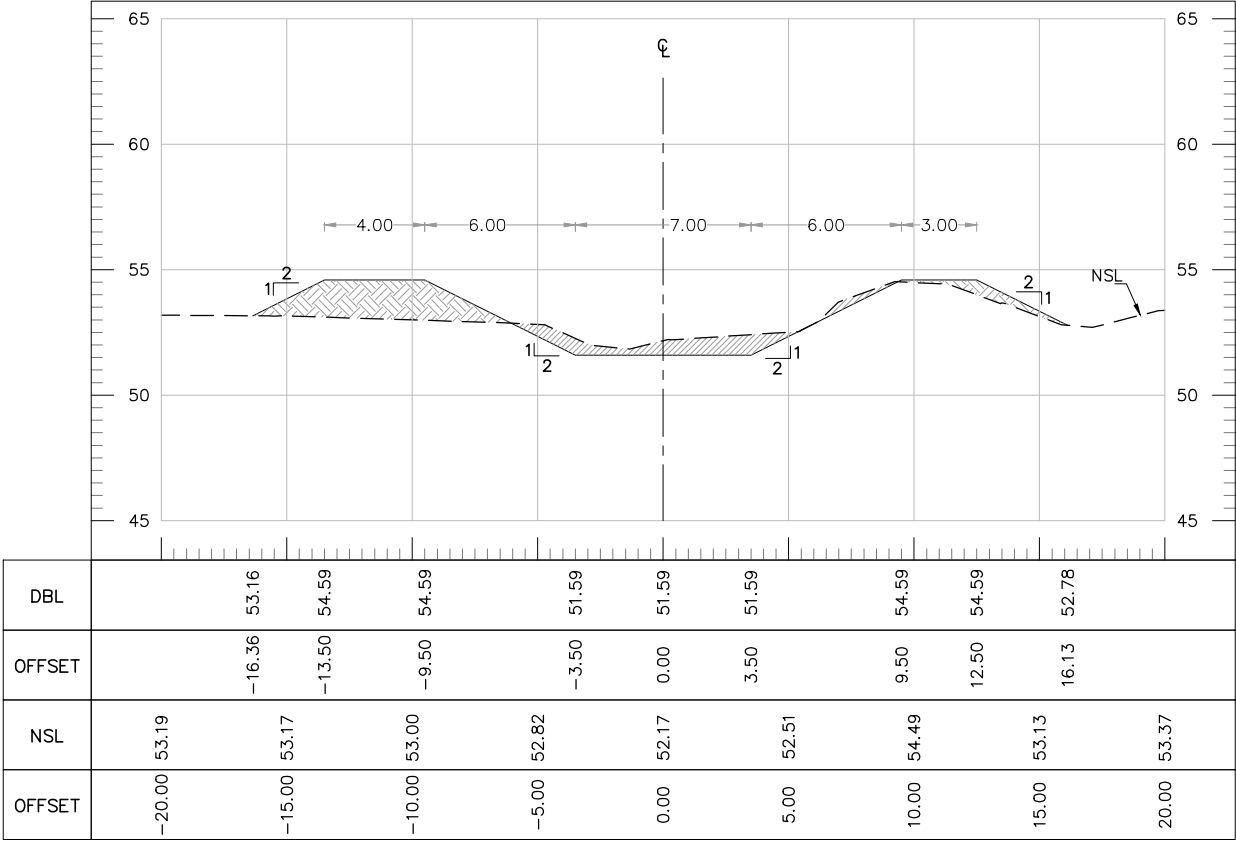
DATE: AUG / 2025

DRAWING NO: IFRAP-P04/MGS-12

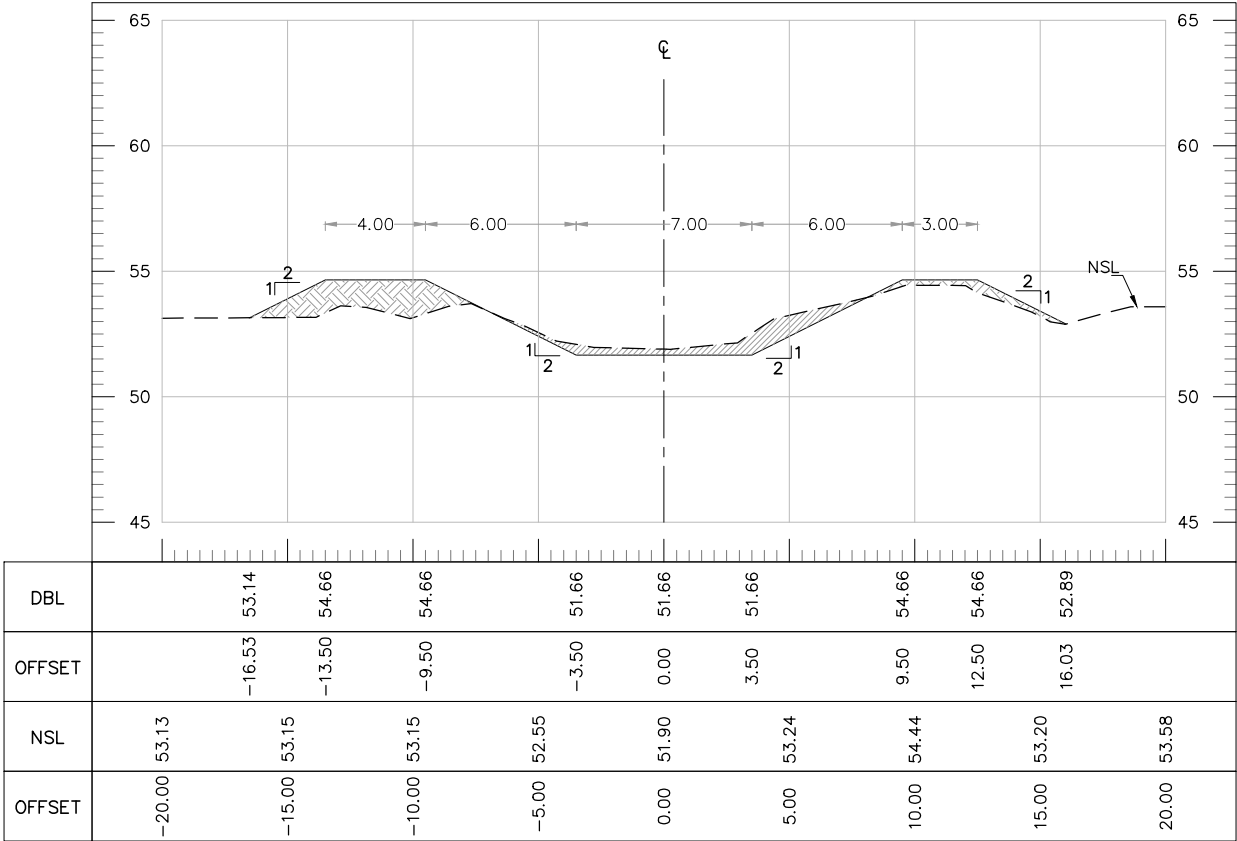
SHEET:- 01 OF 01



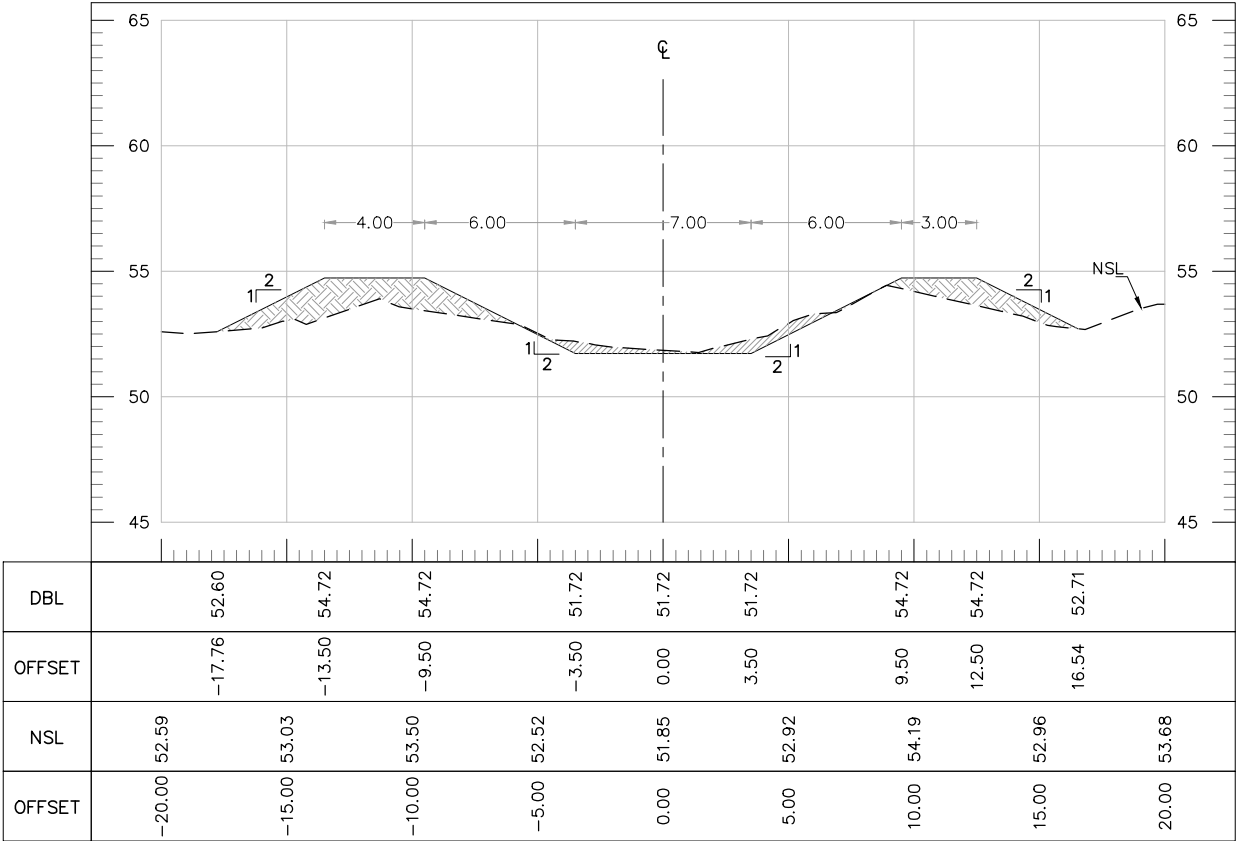
AT RD 1+100.00



AT RD 1+200.00



AT RD 1+300.00



AT RD 1+400.00

TENDER DRAWINGS

CLIENT:



IRRIGATION DEPARTMENT
GOVERNMENT OF
BALOCHISTAN

CONSULTANTS:



CONSULTING ENGINEERS ARCHITECTS & PLANNERS.
PLOT NO.07 PARIS ARCADE STREET, NO. 36 E-11/3 MARKAZ ISLAMABAD.
H. NO.38 CHAMAN HOUSING AIRPORT ROAD QUETTA.

PROJECT TITLE:

INTEGRATED FLOOD RESILIENCE AND
ADAPTATION PROJECT

SCHEME NAME:

REHABILITATION OF MAIN DRAINS
UMRANI, MAGSI & RUPA DRAIN IN
DISTRICT NASEERABAD AND JAFFARABAD
(PACKAGE-04)

DRAWING TITLE:-

CROSS SECTION OF
MAGSI DRAIN
AT RD
(0+925 TO 1+000)

NOTES:

ALL LEVELS AND DIMENSIONS ARE
IN METERS UNLESS INDICATED
OTHERWISE.

DRAWN BY: SAJID HUSSAIN

CHECKED BY: ZIA-UL-HAQ

FILE PATH: G:/IFRAP

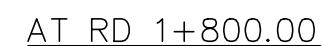
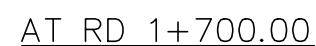
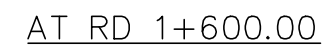
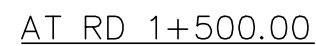
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DESIGNED BY: KAMRAN BABAR

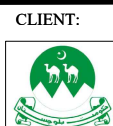
SCALE: 1:300

DATE: AUG / 2025

SHEET:- 01 OF 01



TENDER DRAWINGS



IRRIGATION DEPARTMENT
GOVERNMENT OF
BALOCHISTAN



CONSULTANTS:

 **CAMEOS**
CONSULTANTS
CONSULTING ENGINEERS ARCHITECTS & PLANNERS.
PLOT NO.07 PARIS ARCADE STREET, NO. 36 E-11/3 MARKAZ ISLAMABAD.
H.NO.38 CHAMAN HOUSING AIRPORT ROAD QUETTA.

PROJECT TITLE:

INTEGRATED FLOOD RESILIENCE AND ADAPTATION PROJECT

SCHEME NAME:

**REHABILITATION OF MAIN DRAINS
UMRANI, MAGSI & RUPA DRAIN IN
DISTRICT NASEERABAD AND JAFFARABAD
(PACKAGE-04)**

DRAWING TITLE:-

**CROSS SECTION OF
MAGSI DRAIN
AT RD
(1+025 TO 1+100)**

NOTES:

ALL LEVELS AND DIMENSIONS ARE
IN METERS UNLESS INDICATED
OTHERWISE.

DRAWN BY: SAJID HUSSAIN

DESIGNED BY: KAMRAN BABAR

CHECKED BY: ZIA-UL-HAQ

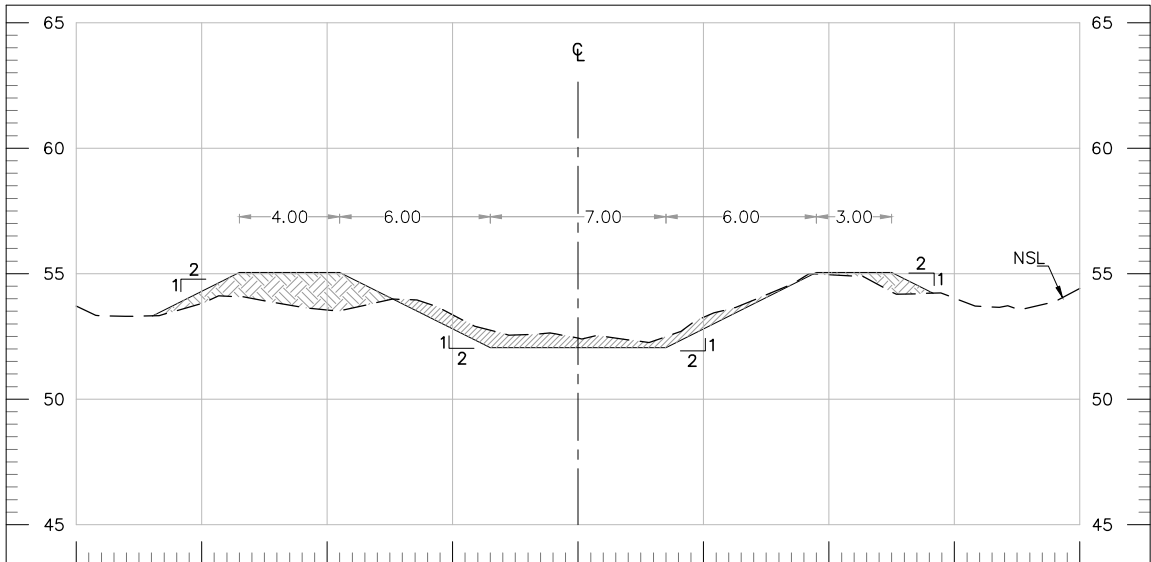
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FILE PATH: G:/IFRAP

DATE: AUG / 2025

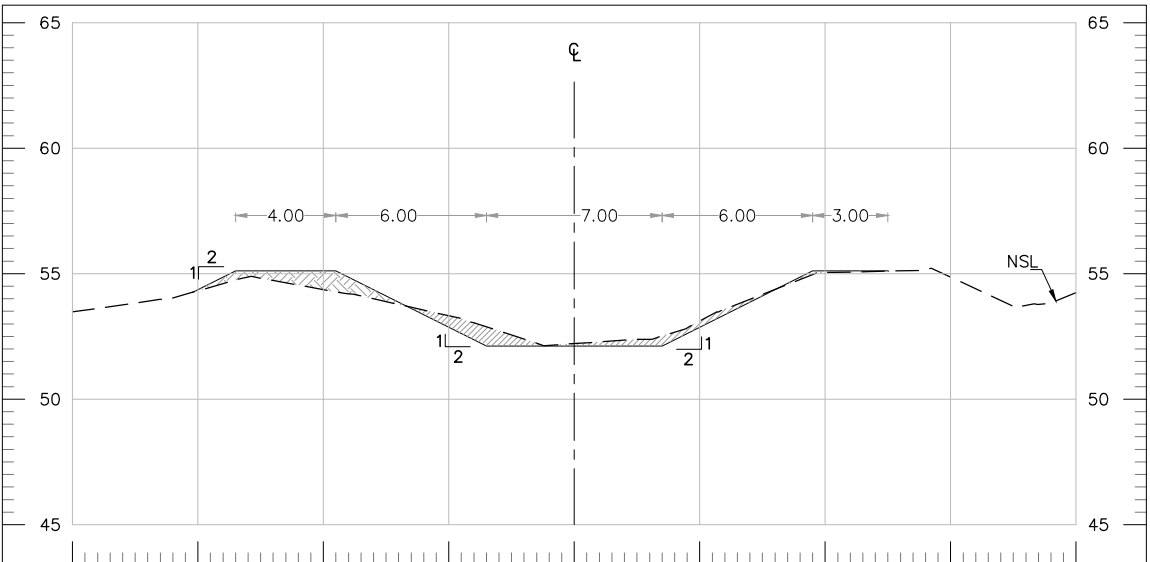
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SHEET:- 01 OF 01



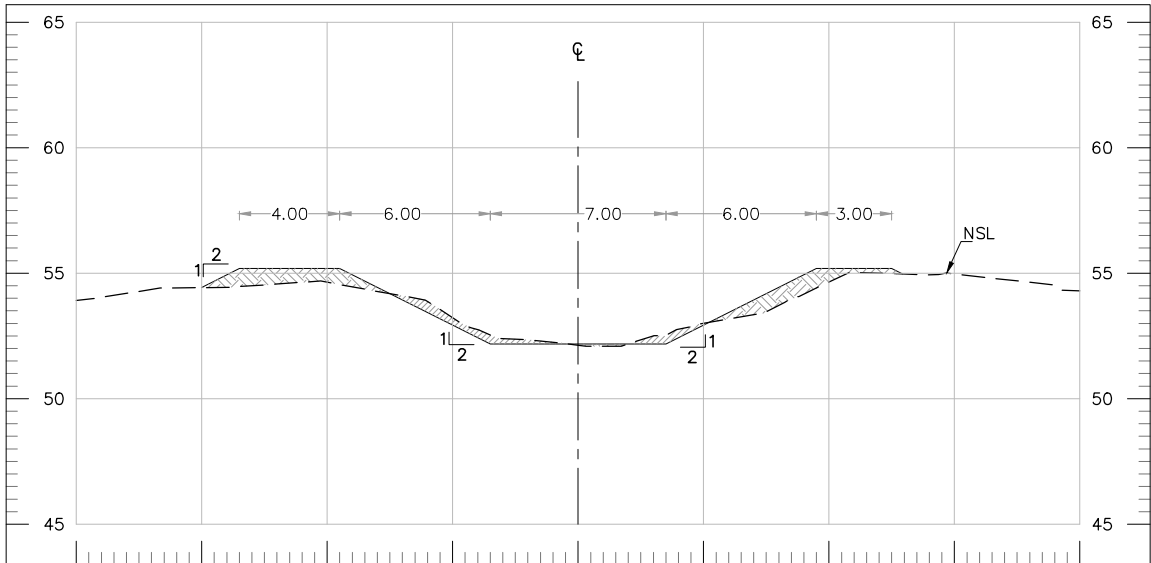
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NSL		53.71	53.81	53.55		53.36	52.43	53.27	54.96	55.05	54.03	
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AT RD 1+900.00



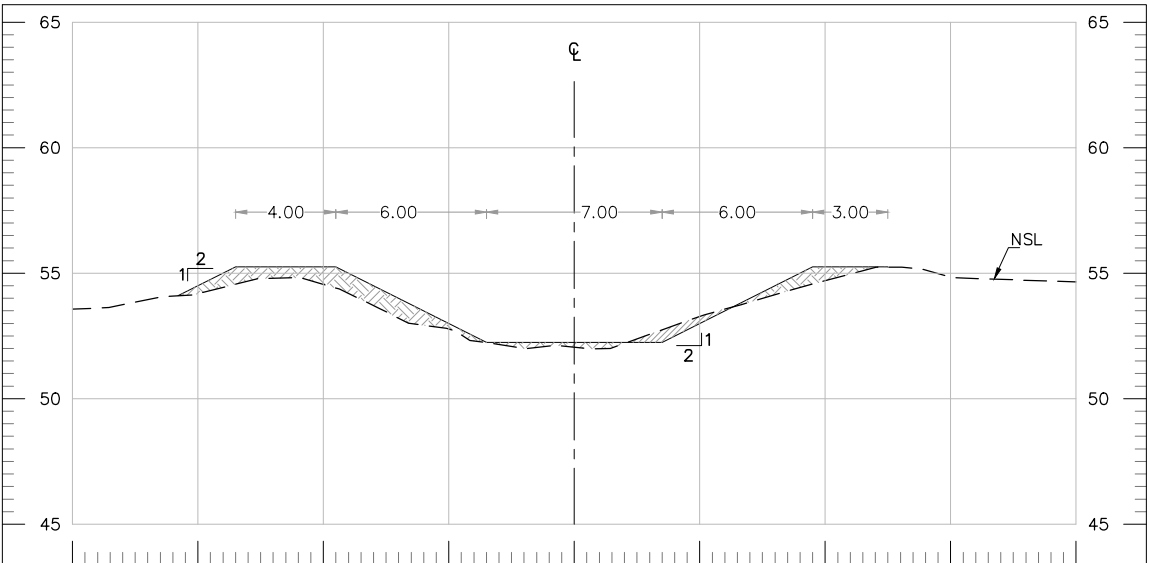
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NSL		53.48	54.32	54.36		53.32	52.21	53.12	55.04	55.12		54.86	54.24	
OFFSET		-20.00	-15.00	-10.00		-5.00	0.00	5.00	10.00	15.00	20.00			

AT RD 2+000.00



DBL			54.43	55.18	55.18		52.18	52.18	52.18	55.18	55.18	
OFFSET			-15.01	-13.50	-9.50		-3.50	0.00	3.50	9.50	12.50	
NSL		53.91	54.43	54.64	53.22	52.13	53.00	54.64	54.97	54.30		
OFFSET		-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00		

AT RD 2+100.00



DBL			54.10	55.25	55.25		52.25	52.25	52.25	55.25	55.24	
OFFSET			-15.80	-13.50	-9.50		-3.50	0.00	3.50	9.50	12.50	
NSL		53.56	54.19	54.55	52.77	52.05	53.27	54.70	54.85	54.66		
OFFSET		-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00		

AT RD 2+200.00

TENDER DRAWINGS

CLIENT:



IRRIGATION DEPARTMENT
GOVERNMENT OF
BALOCHISTAN

CONSULTANTS:



CONSULTANTS
CONSULTING ENGINEERS ARCHITECTS & PLANNERS.
PLOT NO.07 PARIS ARCADE STREET, NO. 36 E-11/3 MARKAZ ISLAMABAD.
H. NO.38 CHAMAN HOUSING AIRPORT ROAD QUETTA.

PROJECT TITLE:

INTEGRATED FLOOD RESILIENCE AND
ADAPTATION PROJECT

SCHEME NAME:

REHABILITATION OF MAIN DRAINS
UMRANI, MAGSI & RUPA DRAIN IN
DISTRICT NASEERABAD AND JAFFARABAD
(PACKAGE-04)

DRAWING TITLE:-

CROSS SECTION OF
MAGSI DRAIN
AT RD
(1+125 TO 1+200)

NOTES:

ALL LEVELS AND DIMENSIONS ARE
IN METERS UNLESS INDICATED
OTHERWISE.

DRAWN BY: SAJID HUSSAIN

CHECKED BY: ZIA-UL-HAQ

FILE PATH: G:/IFRAP

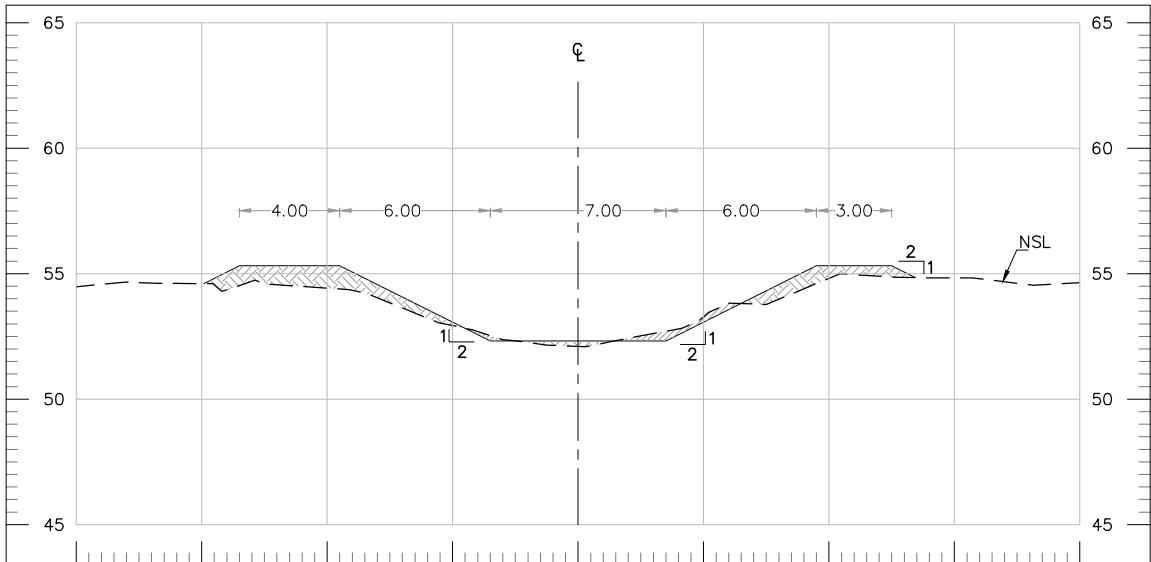
DRAWING NO: IFRAP-P04/MGS-15

DESIGNED BY: KAMRAN BABAR

SCALE: 1:300

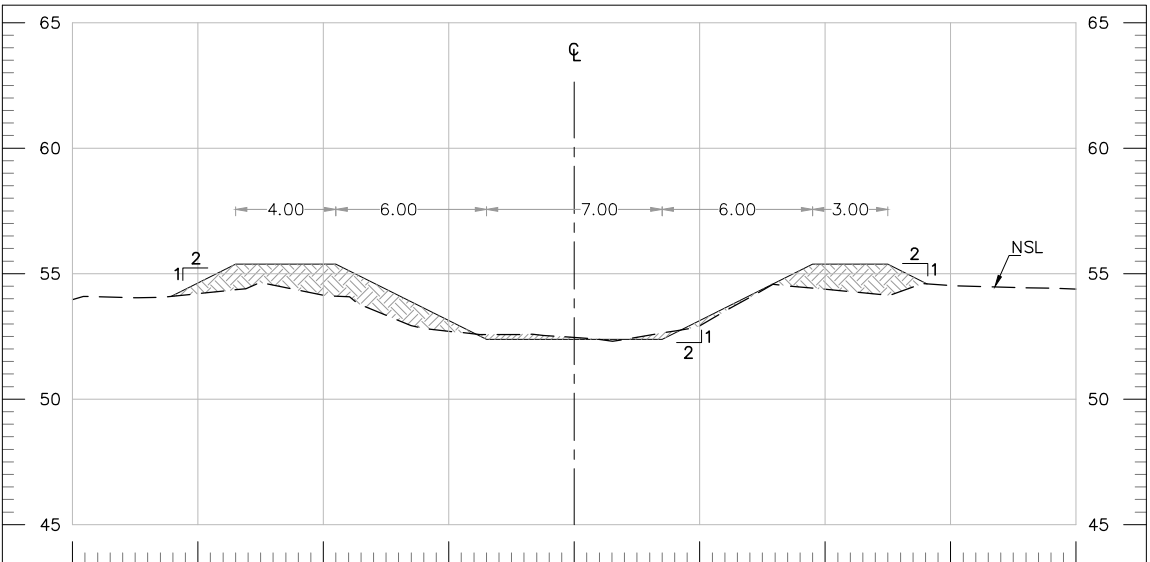
DATE: AUG / 2025

SHEET:- 01 OF 01



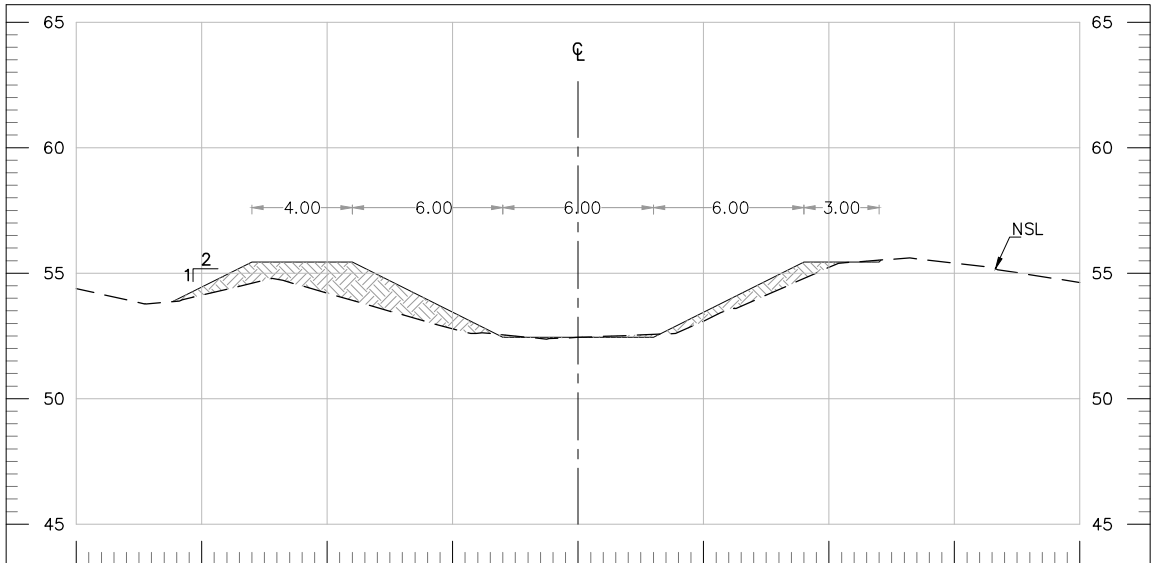
DBL			54.61 55.31		55.31		52.31		52.31		52.31		55.31		55.31 54.84
OFFSET			-14.91 -13.50		-9.50		-3.50		0.00		3.50		9.50		12.50 13.44
NSL		54.48	54.61		54.42		52.93		52.10		53.29		54.81		54.83
OFFSET		-20.00	-15.00		-10.00		-5.00		0.00		5.00		10.00		15.00
															20.00

AT RD 2+300.00



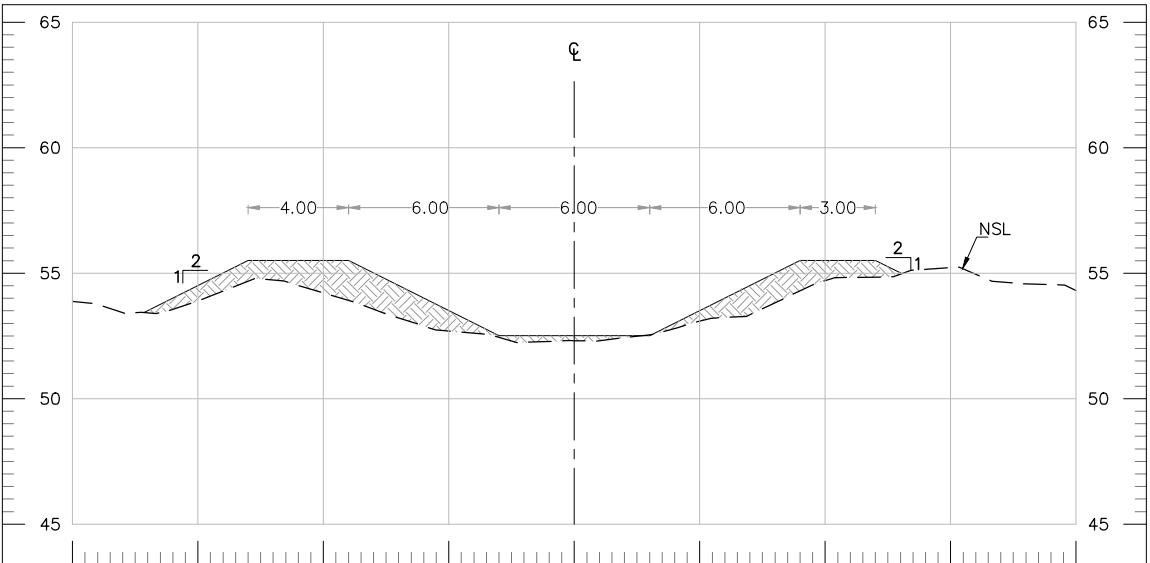
DBL		54.09	55.38	55.38	52.38	52.38	52.38	55.38	55.38	54.59
OFFSET		-16.08	-13.50	-9.50	-3.50	0.00	3.50	9.50	12.50	14.07
NSL	53.96	54.20	54.14	52.70	52.46	52.92	54.38	54.53	54.39	
OFFSET	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	

AT RD 2+400.00



DBL		53.87	55.44	55.44	52.44	52.44	52.44	55.44	55.44	
OFFSET		-16.15	-13.00	-9.00	-3.00	0.00	3.00	9.00	12.00	
NSL	54.39	54.12	54.20	52.79	52.44	53.09	55.23	55.40	54.63	
OFFSET	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	

AT RD 2+500.00



DBL		53.43	55.51	55.51	52.51	52.51	52.51	55.51	55.51	54.98
OFFSET		-17.15	-13.00	-9.00	-3.00	0.00	3.00	9.00	12.00	13.06
NSL	53.87	53.90	54.21	52.69	52.31	53.09	54.70	55.22	54.31	
OFFSET	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	

AT RD 2+600.00

TENDER DRAWINGS

CLIENT:



IRRIGATION DEPARTMENT
GOVERNMENT OF
BALOCHISTAN

CONSULTANTS:



CONSULTANTS
CONSULTING ENGINEERS ARCHITECTS & PLANNERS.
PLOT NO.07 PARIS ARCADE STREET, NO. 36 E-11/3 MARKAZ ISLAMABAD.
H. NO.38 CHAMAN HOUSING AIRPORT ROAD QUETTA.

PROJECT TITLE:

INTEGRATED FLOOD RESILIENCE AND
ADAPTATION PROJECT

SCHEME NAME:

REHABILITATION OF MAIN DRAINS
UMRANI, MAGSI & RUPA DRAIN IN
DISTRICT NASEERABAD AND JAFFARABAD
(PACKAGE-04)

DRAWING TITLE:-

CROSS SECTION OF
MAGSI DRAIN
AT RD
(1+225 TO 1+300)

NOTES:

ALL LEVELS AND DIMENSIONS ARE
IN METERS UNLESS INDICATED
OTHERWISE.

DRAWN BY: SAJID HUSSAIN

CHECKED BY: ZIA-UL-HAQ

FILE PATH: G/ IFRAP

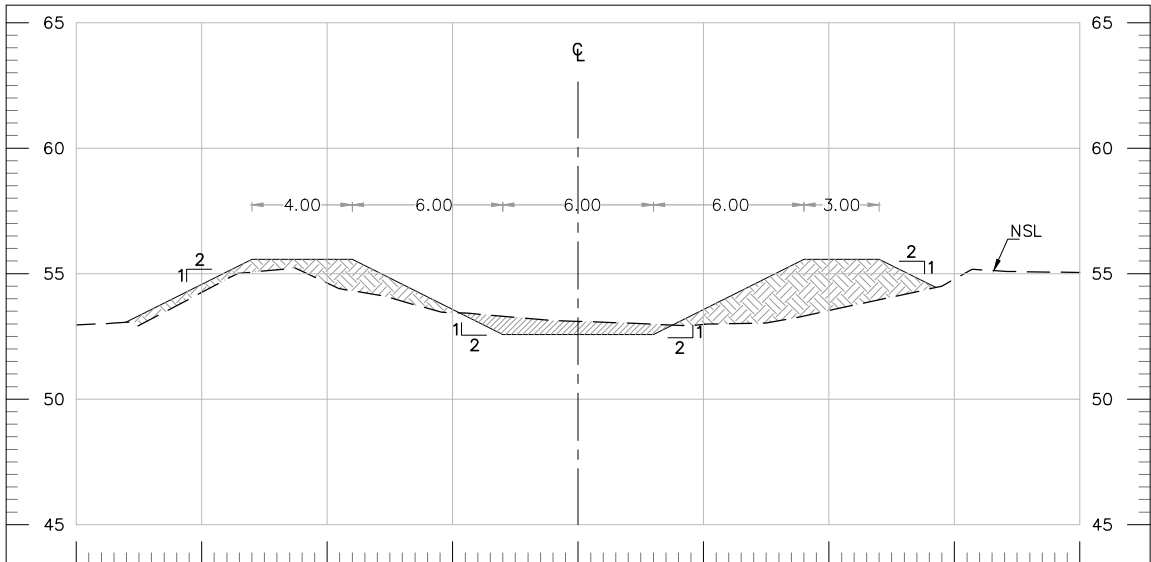
DRAWING NO: IFRAP-P04/MGS-16

DESIGNED BY: KAMRAN BABAR

SCALE: 1:300

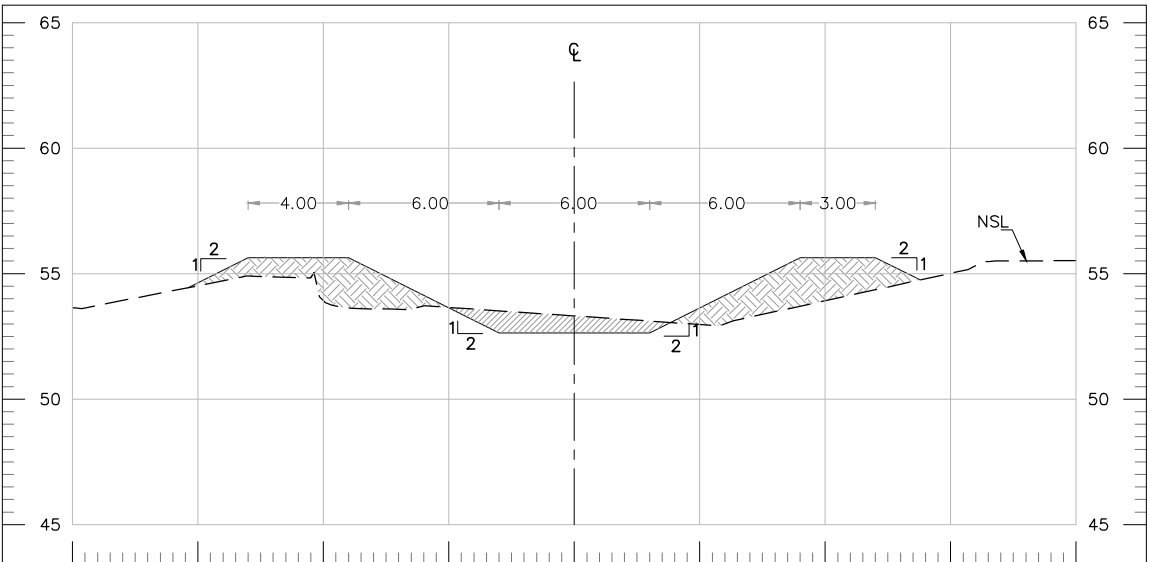
DATE: AUG / 2025

SHEET:- 01 OF 01



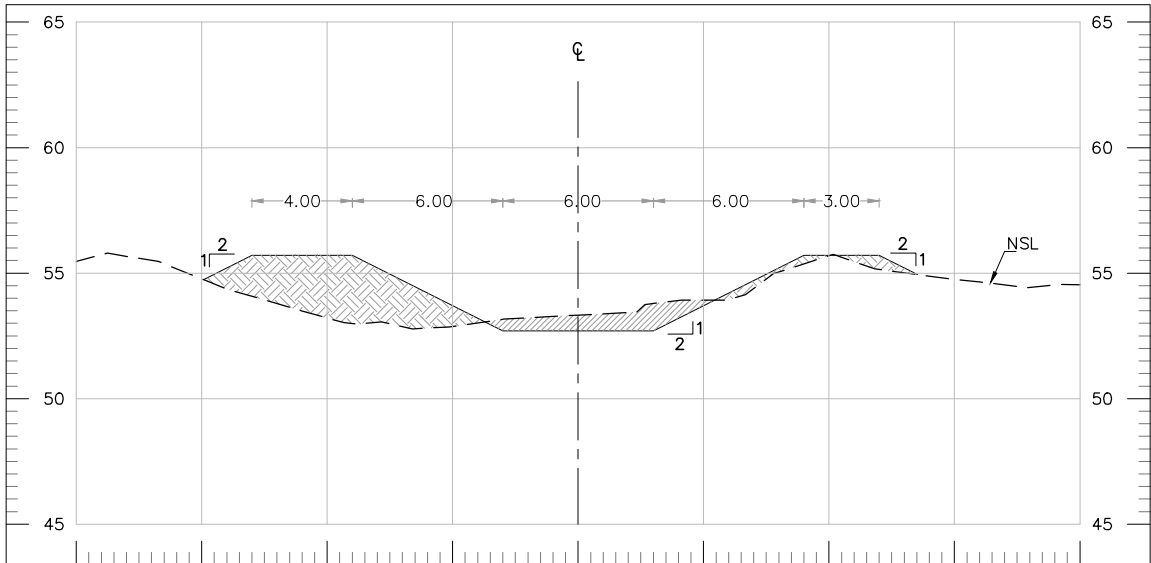
DBL		53.07		55.57		55.57		52.57		52.57		52.57		55.57		55.57		54.44	
OFFSET		-18.02		-13.00		-9.00		-3.00		0.00		3.00		9.00		12.00		14.26	
NSL		52.96		54.25		54.62		53.44		53.10		52.98		53.53		54.78		55.05	
OFFSET		-20.00		-15.00		-10.00		-5.00		0.00		5.00		10.00		15.00		20.00	

AT RD 2+700.00



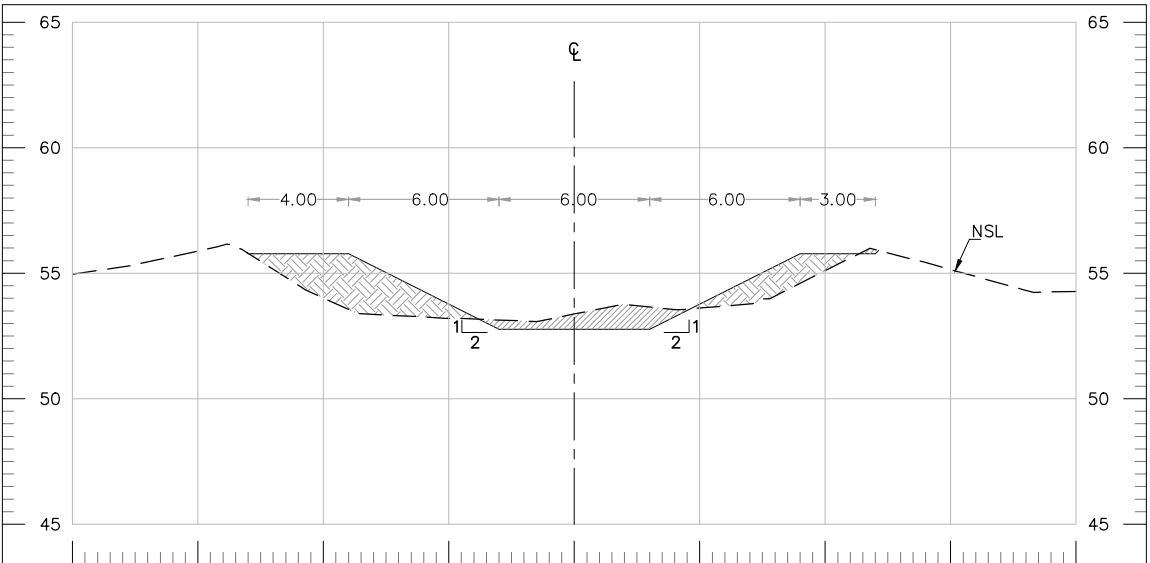
DBL			54.44		55.64		55.64		52.64		52.64		52.64		55.64		55.64		54.75
OFFSET			-15.40		-13.00		-9.00		-3.00		0.00		3.00		9.00		12.00		13.78
NSL		53.64		54.52		53.93		53.65		53.32		52.98		53.92		55.01		55.52	
OFFSET		-20.00		-15.00		-10.00		-5.00		0.00		5.00		10.00		15.00		20.00	

AT RD 2+800.00



DBL			54.74		55.71		55.71		52.71		52.71		52.71		55.71		55.71		54.94
OFFSET			-14.93		-13.00		-9.00		-3.00		0.00		3.00		9.00		12.00		13.53
NSL		55.47		54.77		53.21		52.88		53.33		53.92		55.69		54.75		54.53	
OFFSET		-20.00		-15.00		-10.00		-5.00		0.00		5.00		10.00		15.00		20.00	

AT RD 2+900.00



DBL			55.82		55.77		52.77		52.77		52.77		52.77		55.77		55.77		
OFFSET			-13.05		-9.00		-3.00		0.00		3.00		9.00		12.00				
NSL		54.96		55.88		54.01		53.20		53.38		53.61		55.10		55.14		54.28	
OFFSET		-20.00		-15.00		-10.00		-5.00		0.00		5.00		10.00		15.00		20.00	

AT RD 3+000.00

TENDER DRAWINGS

CLIENT:



IRRIGATION DEPARTMENT
GOVERNMENT OF
BALOCHISTAN

CONSULTANTS:



CONSULTANTS
CONSULTING ENGINEERS ARCHITECTS & PLANNERS.
PLOT NO.07 PARIS ARCADE STREET, NO. 36 E-11/3 MARKAZ ISLAMABAD.
H. NO.38 CHAMAN HOUSING AIRPORT ROAD QUETTA.

PROJECT TITLE:

INTEGRATED FLOOD RESILIENCE AND
ADAPTATION PROJECT

SCHEME NAME:

REHABILITATION OF MAIN DRAINS
UMRANI, MAGSI & RUPA DRAIN IN
DISTRICT NASEERABAD AND JAFFARABAD
(PACKAGE-04)

DRAWING TITLE:-

CROSS SECTION OF
MAGSI DRAIN
AT RD
(1+325 TO 1+400)

NOTES:

ALL LEVELS AND DIMENSIONS ARE
IN METERS UNLESS INDICATED
OTHERWISE.

DRAWN BY: SAJID HUSSAIN

CHECKED BY: ZIA-UL-HAQ

FILE PATH: G:/IFRAP

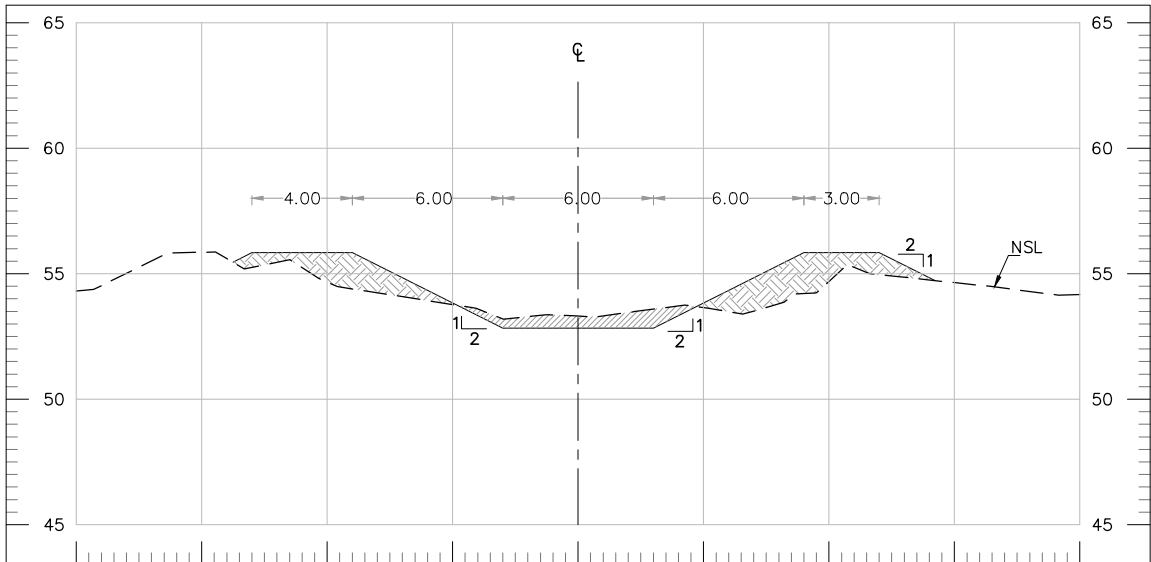
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DESIGNED BY: KAMRAN BABAR

SCALE: 1:300

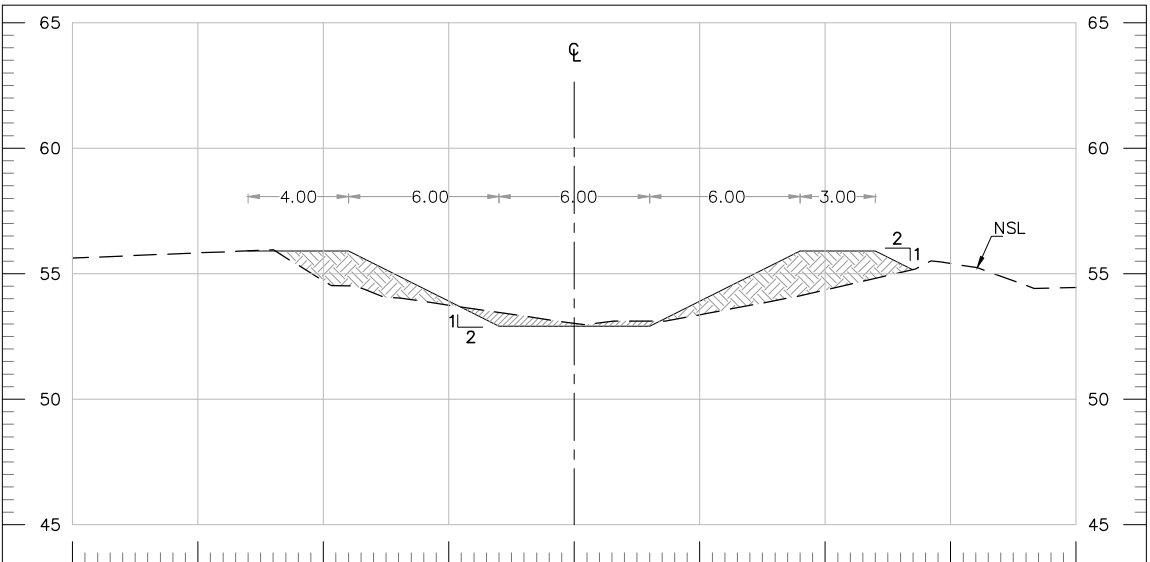
DATE: AUG / 2025

SHEET:- 01 OF 01



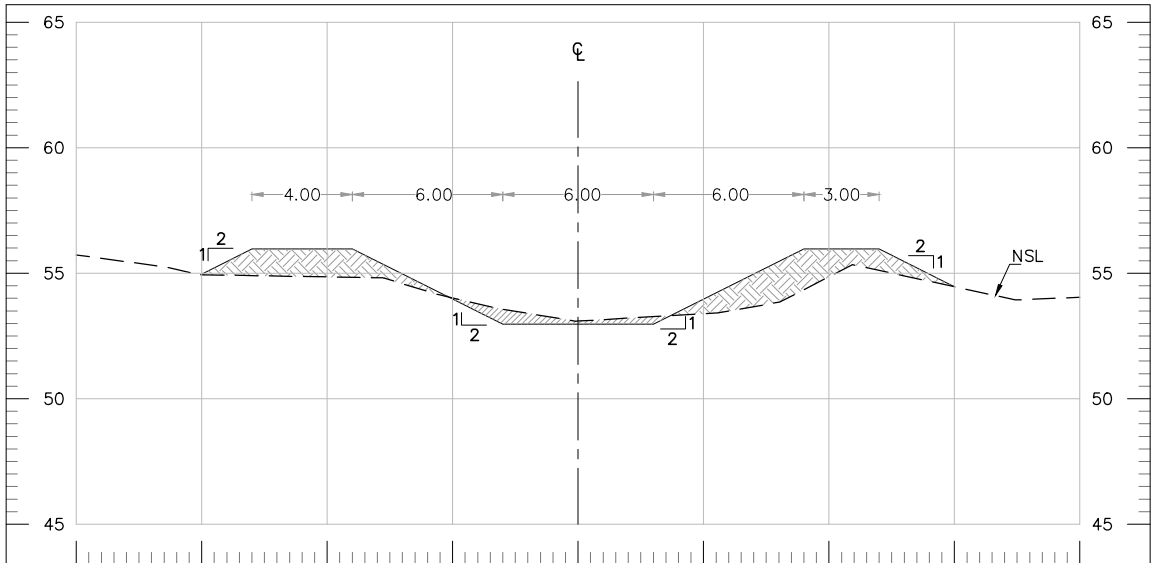
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OFFSET		-13.76	-13.00	-9.00	-3.00	0.00	3.00	9.00	12.00	14.22					
NSL	54.31	55.85	54.67	53.77	53.31	53.65	54.70	54.65	54.18						
OFFSET	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00						

AT RD 3+100.00



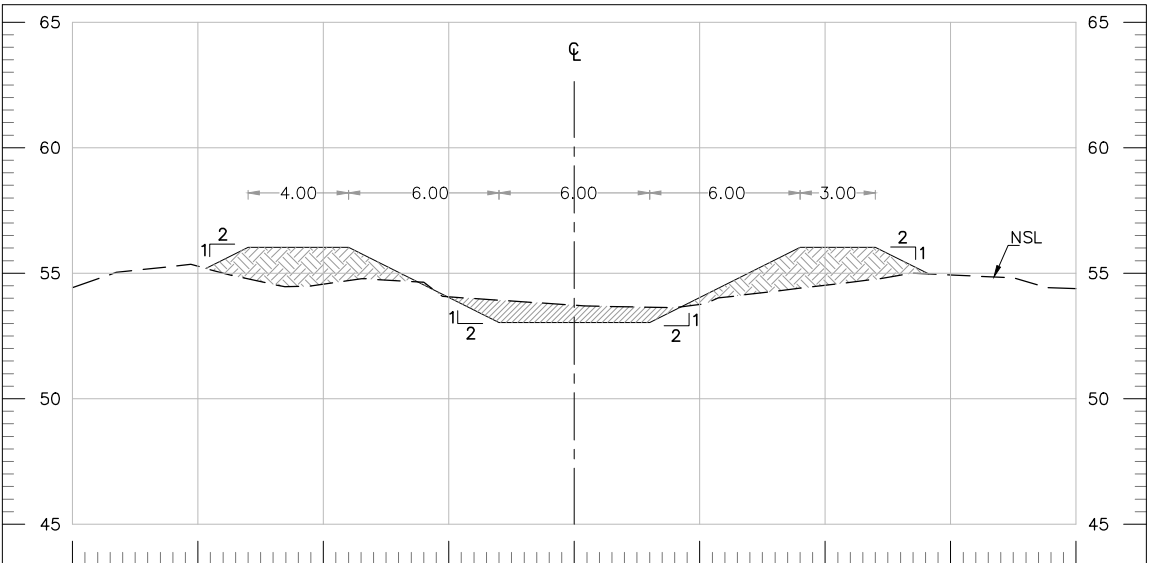
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OFFSET		-13.01	-9.00	-3.00	0.00	3.00	9.00	12.00	13.48						
NSL	55.62	55.83	54.72	53.75	53.02	53.36	54.35	55.41	54.46						
OFFSET	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00						

AT RD 3+200.00



DBL		54.94		52.97		52.97		52.97		55.97		55.97		54.46	
OFFSET		-15.05	-13.00	-9.00	-3.00	0.00	3.00	9.00	12.00	15.02					
NSL	55.73	54.94	54.85	54.02	53.10	53.38	54.86	54.46	54.04						
OFFSET	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00						

AT RD 3+300.00



DBL		55.19		53.03		53.03		53.03		56.03		56.03		54.97	
OFFSET		-14.68	-13.00	-9.00	-3.00	0.00	3.00	9.00	12.00	14.12					
NSL	54.42	55.28	54.56	54.06	53.72	53.76	54.52	54.93	54.39						
OFFSET	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00						

AT RD 3+400.00

TENDER DRAWINGS

CLIENT:



IRRIGATION DEPARTMENT
GOVERNMENT OF
BALOCHISTAN

CONSULTANTS:



CONSULTANTS
CONSULTING ENGINEERS ARCHITECTS & PLANNERS.
PLOT NO.07 PARIS ARCADE STREET, NO. 36 E-11/3 MARKAZ ISLAMABAD.
H. NO.38 CHAMAN HOUSING AIRPORT ROAD QUETTA.

PROJECT TITLE:

INTEGRATED FLOOD RESILIENCE AND
ADAPTATION PROJECT

SCHEME NAME:

REHABILITATION OF MAIN DRAINS
UMRANI, MAGSI & RUPA DRAIN IN
DISTRICT NASEERABAD AND JAFFARABAD
(PACKAGE-04)

DRAWING TITLE:-

CROSS SECTION OF
MAGSI DRAIN
AT RD
(1+425 TO 1+500)

NOTES:

ALL LEVELS AND DIMENSIONS ARE
IN METERS UNLESS INDICATED
OTHERWISE.

DRAWN BY: SAJID HUSSAIN

CHECKED BY: ZIA-UL-HAQ

FILE PATH: G:/IFRAP

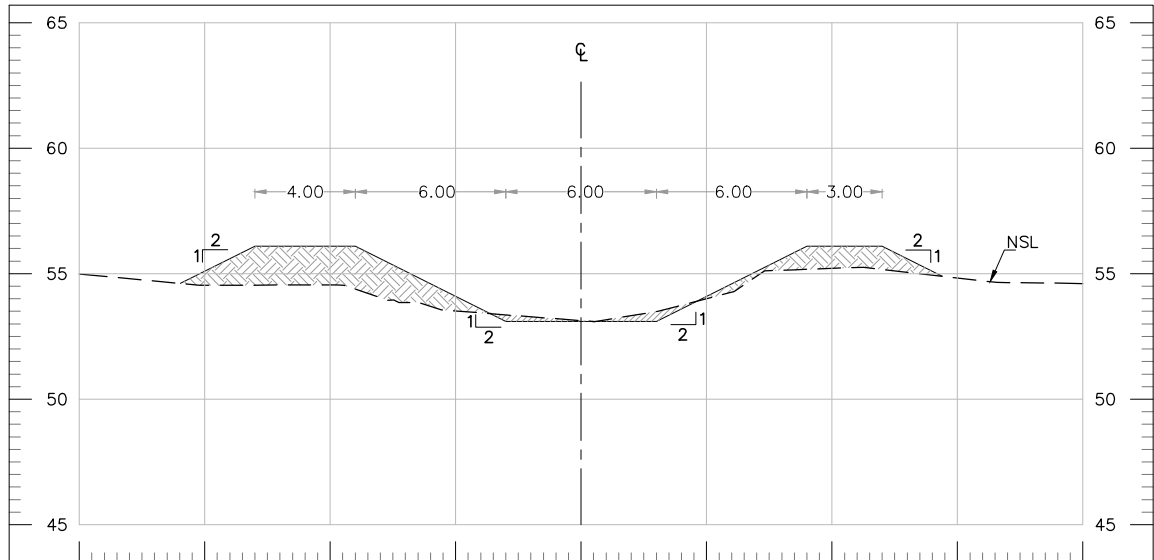
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DESIGNED BY: KAMRAN BABAR

SCALE: 1:300

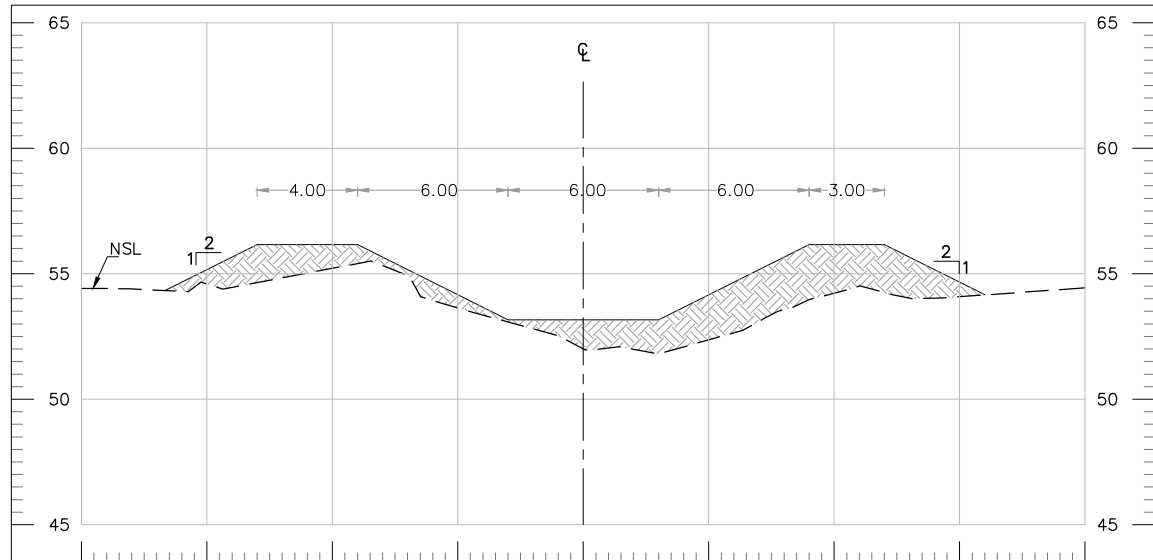
DATE: AUG / 2025

SHEET:- 01 OF 01



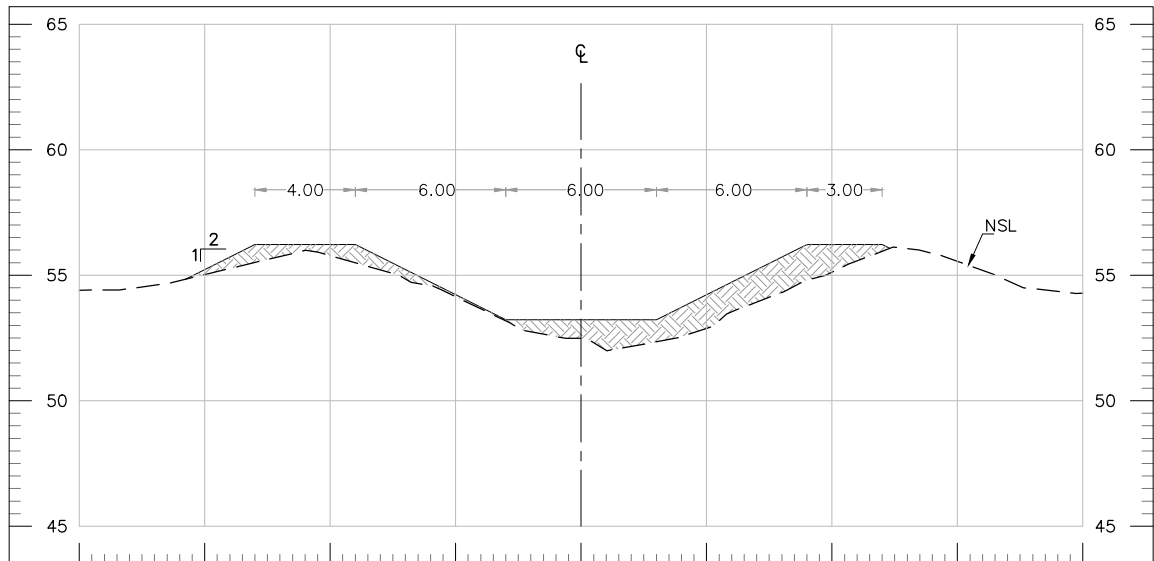
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OFFSET		-15.97	-13.00	-9.00		-3.00	0.00	3.00		9.00	12.00	14.39	
NSL		54.99	54.54	54.55		53.51	53.13	54.00		55.21	54.83	54.61	
OFFSET		-20.00	-15.00	-10.00		-5.00	0.00	5.00		10.00	15.00	20.00	

AT RD 3+500.00



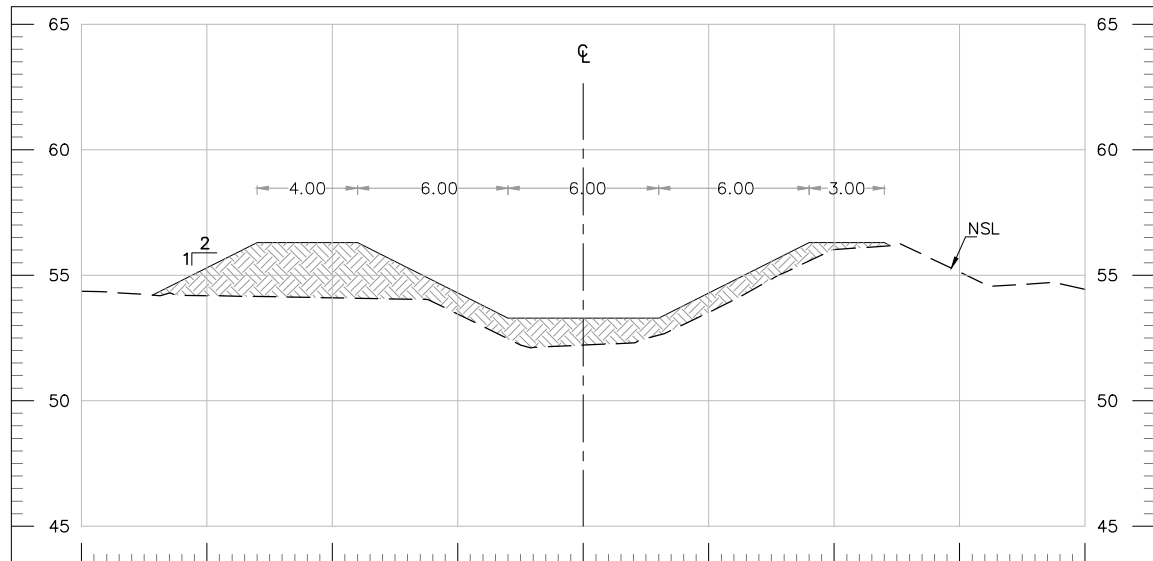
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OFFSET		-16.67	-13.00	-9.00		-3.00	0.00	3.00		9.00	12.00	16.02	
NSL		54.42	54.59	55.21		53.63	52.00	52.36		54.22	54.08	54.44	
OFFSET		-20.00	-15.00	-10.00		-5.00	0.00	5.00		10.00	15.00	20.00	

AT RD 3+600.00



DBL		54.84	56.23	56.23		53.23	53.23	53.23		56.23	56.23		
OFFSET		-15.79	-13.00	-9.00		-3.00	0.00	3.00		9.00	12.00		
NSL		54.40	55.02	55.78		54.14	52.48	52.88		55.12	55.55	54.29	
OFFSET		-20.00	-15.00	-10.00		-5.00	0.00	5.00		10.00	15.00	20.00	

AT RD 3+700.00



DBL		54.21	56.29	56.29		53.29	53.29	53.29		56.29	56.29		
OFFSET		-17.17	-13.00	-9.00		-3.00	0.00	3.00		9.00	12.00		
NSL		54.36	54.18	54.10		53.45	52.21	53.51		56.02	55.12	54.44	
OFFSET		-20.00	-15.00	-10.00		-5.00	0.00	5.00		10.00	15.00	20.00	

AT RD 3+800.00

TENDER DRAWINGS

CLIENT:



IRRIGATION DEPARTMENT
GOVERNMENT OF
BALOCHISTAN

CONSULTANTS:



CONSULTANTS
CONSULTING ENGINEERS ARCHITECTS & PLANNERS.
PLOT NO.07 PARIS ARCADE STREET, NO. 36 E-11/3 MARKAZ ISLAMABAD.
H. NO.38 CHAMAN HOUSING AIRPORT ROAD QUETTA.

PROJECT TITLE:

INTEGRATED FLOOD RESILIENCE AND
ADAPTATION PROJECT

SCHEME NAME:

REHABILITATION OF MAIN DRAINS
UMRANI, MAGSI & RUPA DRAIN IN
DISTRICT NASEERABAD AND JAFFARABAD
(PACKAGE-04)

DRAWING TITLE:-

CROSS SECTION OF
MAGSI DRAIN
AT RD
(1+525 TO 1+600)

NOTES:

ALL LEVELS AND DIMENSIONS ARE
IN METERS UNLESS INDICATED
OTHERWISE.

DRAWN BY: SAJID HUSSAIN

DESIGNED BY: KAMRAN BABAR

CHECKED BY: ZIA-UL-HAQ

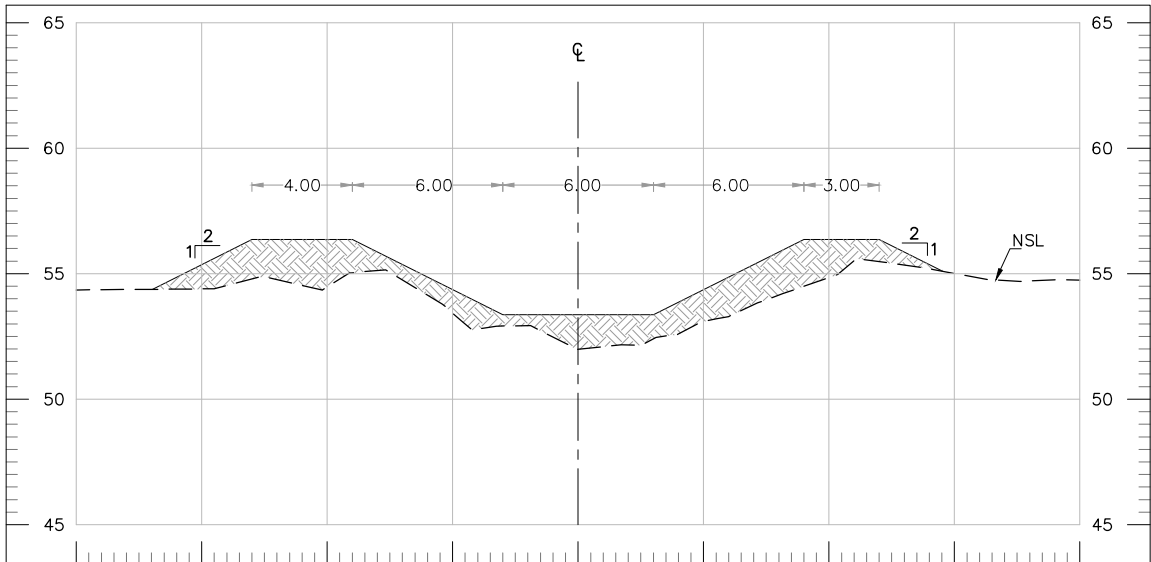
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FILE PATH: G:/IFRAP

DATE: AUG / 2025

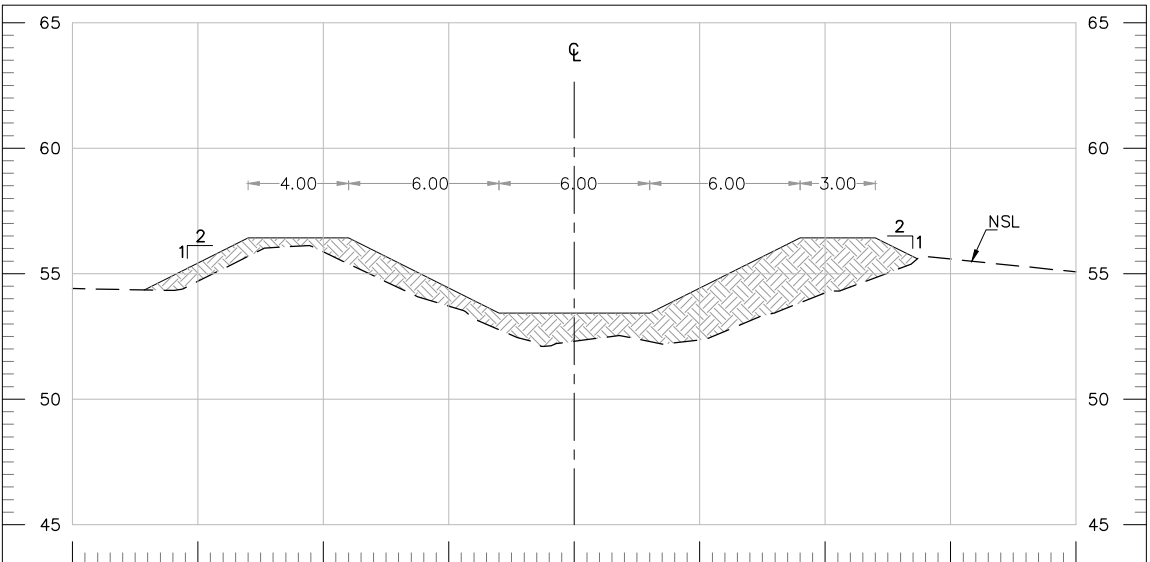
DRAWING NO: IFRAP-P04/MGS-19

SHEET:- 01 OF 01



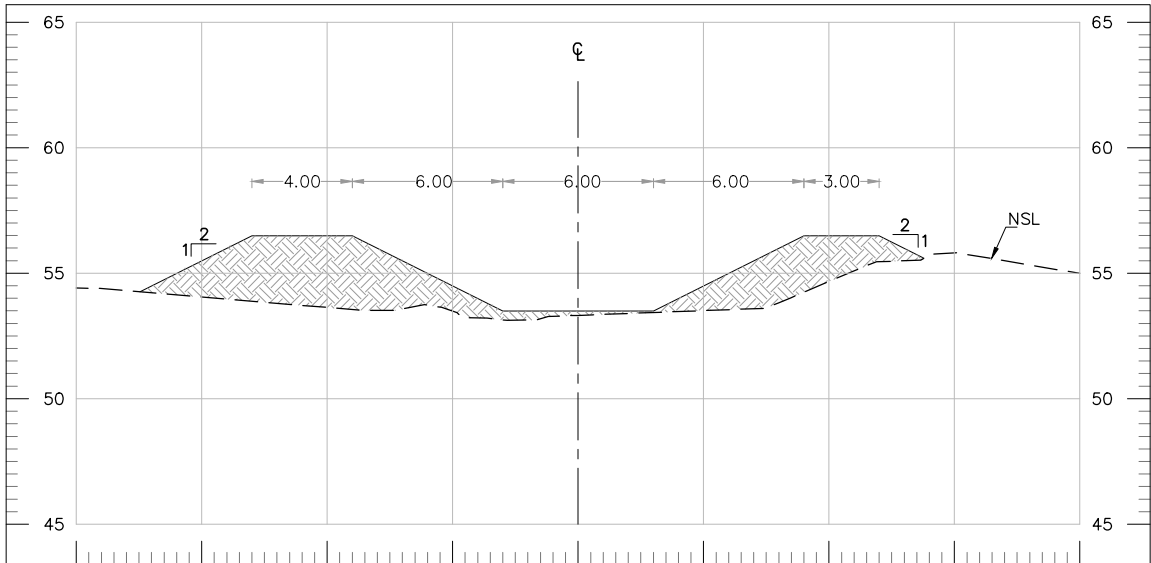
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NSL		54.35	54.39	54.47		53.43	51.98	53.09		54.84		55.01	54.74
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AT RD 3+900.00



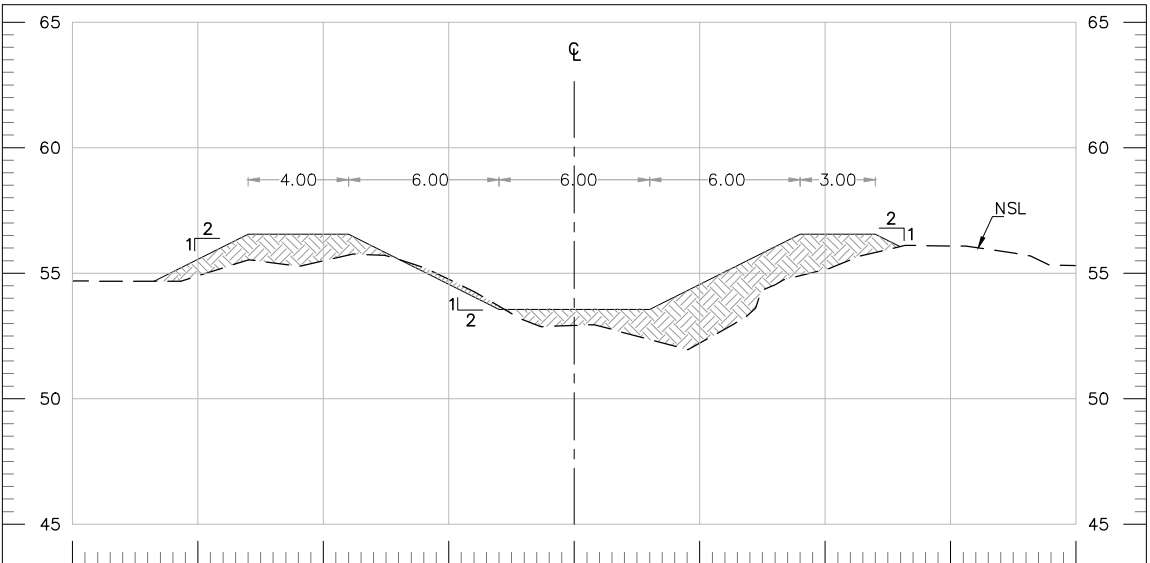
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NSL		54.41	54.70	55.87		53.70	52.31	52.36		54.24		55.58	55.07
OFFSET		-20.00	-15.00	-10.00		-5.00	0.00	5.00		10.00	15.00	20.00	

AT RD 4+000.00



DBL		54.26	56.49	56.49		53.49	53.49	53.49		56.49	56.49	55.60	
OFFSET		-17.46	-13.00	-9.00		-3.00	0.00	3.00		9.00	12.00	13.79	
NSL		54.40	54.05	53.63		53.48	53.32	53.51		54.67		55.81	54.99
OFFSET		-20.00	-15.00	-10.00		-5.00	0.00	5.00		10.00	15.00	20.00	

AT RD 4+100.00



DBL		54.68	56.56	56.56		53.56	53.56	53.56		56.56	56.56	56.06	
OFFSET		-16.75	-13.00	-9.00		-3.00	0.00	3.00		9.00	12.00	12.99	
NSL		54.68	54.89	55.49		54.75	52.92	52.21		55.15		56.08	55.30
OFFSET		-20.00	-15.00	-10.00		-5.00	0.00	5.00		10.00	15.00	20.00	

AT RD 4+200.00

TENDER DRAWINGS

CLIENT:



IRRIGATION DEPARTMENT
GOVERNMENT OF
BALOCHISTAN

CONSULTANTS:



CONSULTANTS
CONSULTING ENGINEERS ARCHITECTS & PLANNERS.
PLOT NO.07 PARIS ARCADE STREET, NO. 36 E-11/3 MARKAZ ISLAMABAD.
H. NO.38 CHAMAN HOUSING AIRPORT ROAD QUETTA.

PROJECT TITLE:

INTEGRATED FLOOD RESILIENCE AND
ADAPTATION PROJECT

SCHEME NAME:

REHABILITATION OF MAIN DRAINS
UMRANI, MAGSI & RUPA DRAIN IN DISTRICT
NASEERABAD AND JAFFARABAD
(PACKAGE-04)

DRAWING TITLE:-

CROSS SECTION OF
MAGSI DRAIN
AT RD
(1+625 TO 1+700)

NOTES:

ALL LEVELS AND DIMENSIONS ARE
IN METERS UNLESS INDICATED
OTHERWISE.

DRAWN BY: SAJID HUSSAIN

CHECKED BY: ZIA-UL-HAQ

FILE PATH: G:/IFRAP

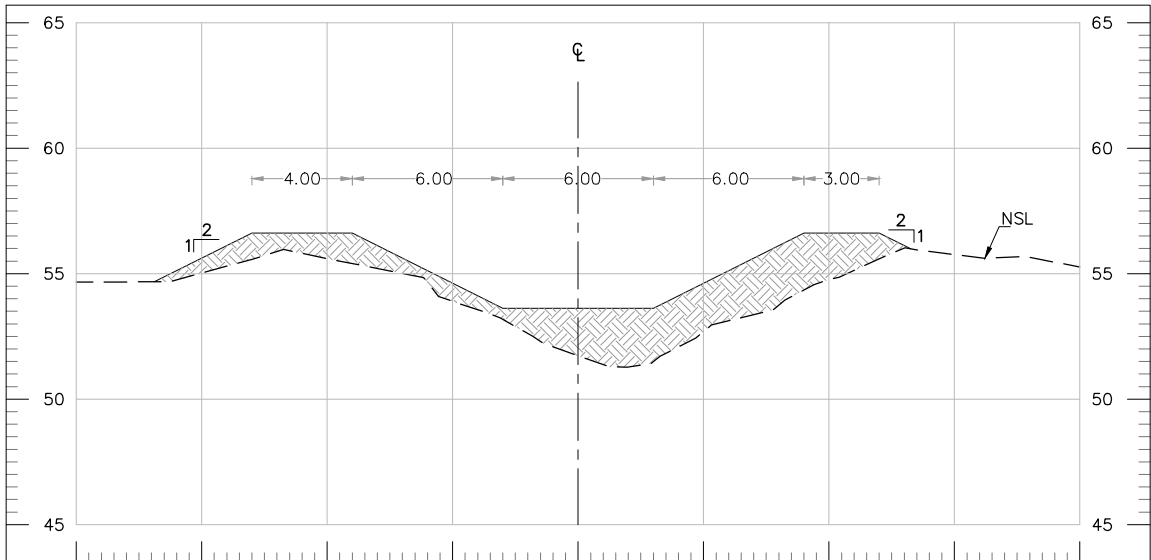
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DESIGNED BY: KAMRAN BABAR

SCALE: 1:300

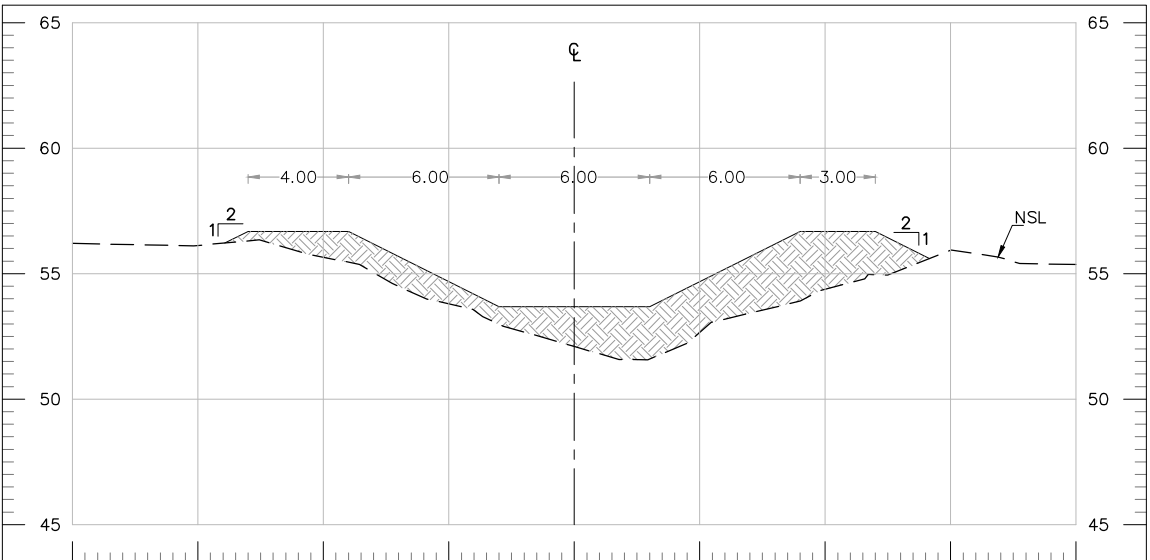
DATE: AUG / 2025

SHEET:- 01 OF 01



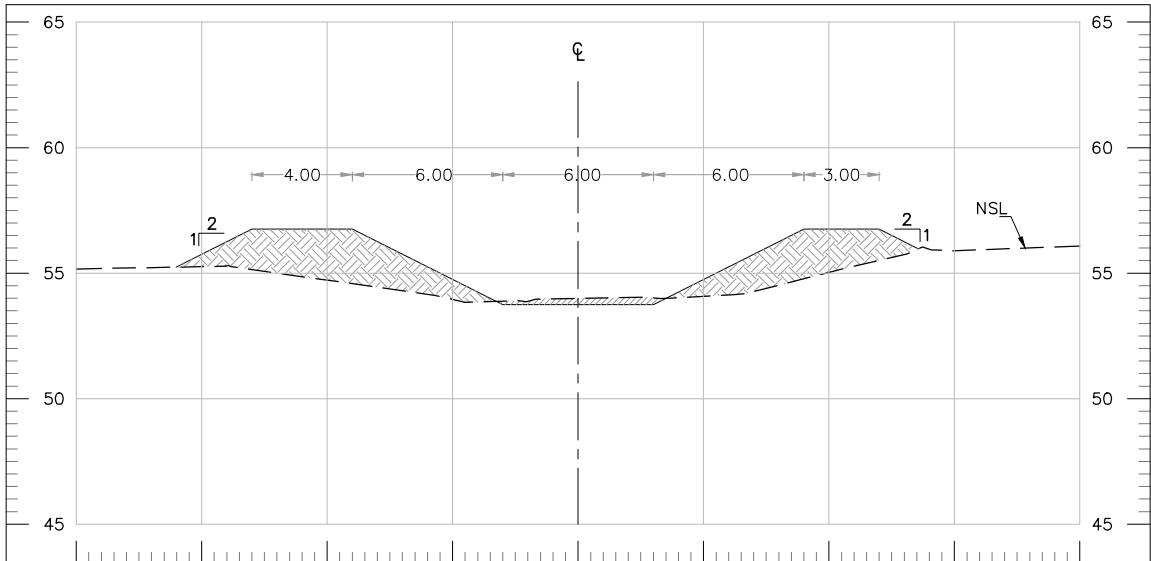
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OFFSET		-16.89	-13.00	-9.00		-3.00	0.00	3.00		9.00	12.00	13.26	
NSL		54.66	55.03	55.60		53.90	51.73	52.69		54.77		55.76	
OFFSET		-20.00	-15.00	-10.00		-5.00	0.00	5.00		10.00	15.00	20.00	

AT RD 4+300.00



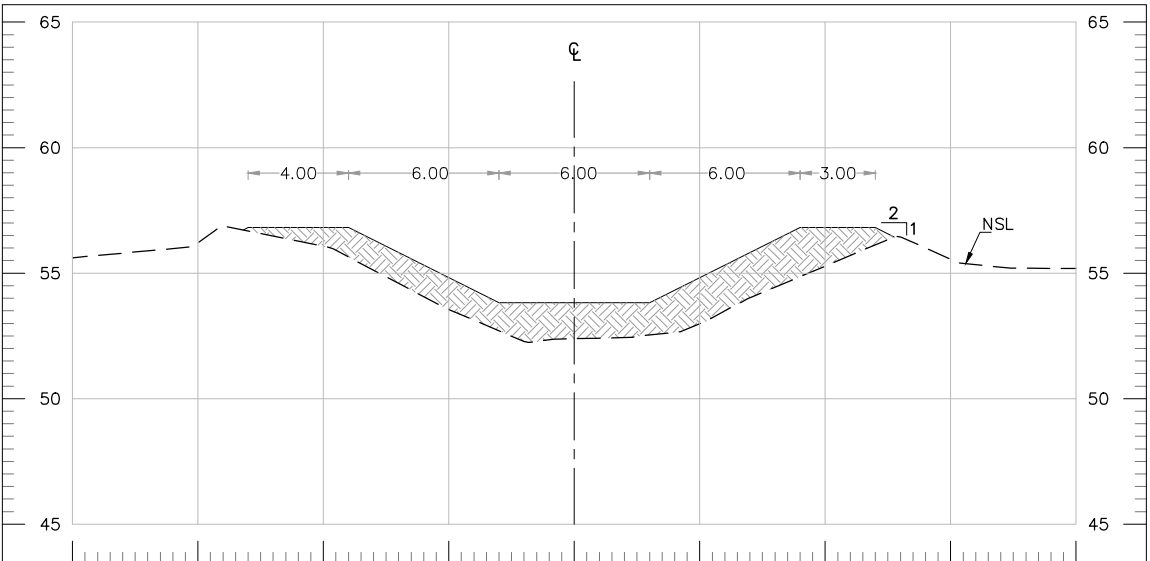
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OFFSET			-13.93	-13.00		-9.00		-3.00	0.00	3.00		9.00	12.00	14.17	
NSL		56.21	56.12	55.65		53.80	52.10	52.66		54.37		55.93		55.36	
OFFSET		-20.00	-15.00	-10.00		-5.00	0.00	5.00		10.00	15.00	20.00			

AT RD 4+400.00



DBL			55.24	56.75	56.75		53.75	53.75	53.75		56.75	56.75	55.97			
OFFSET			-16.02	-13.00	-9.00		-3.00	0.00	3.00		9.00	12.00	13.56			
NSL		55.17	55.26		54.72		53.95	53.99		54.08		55.03		55.89		56.09
OFFSET		-20.00	-15.00		-10.00		-5.00	0.00		5.00		10.00		15.00		20.00

AT RD 4+500.00



DBL			56.72	56.82	53.82	53.82	53.82	56.82	56.82	56.44
OFFSET			-13.19	-9.00	-3.00	0.00	3.00	9.00	12.00	12.75
NSL	55.61	56.22	56.07	53.55	52.39	52.98	55.28	55.55	55.18	
OFFSET	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	

AT RD 4+600.00

TENDER DRAWINGS

CLIENT:



IRRIGATION DEPARTMENT
GOVERNMENT OF
BALOCHISTAN

CONSULTANTS:



CONSULTANTS
CONSULTING ENGINEERS ARCHITECTS & PLANNERS.
PLOT NO.07 PARIS ARCADE STREET, NO. 36 E-11/3 MARKAZ ISLAMABAD.
H. NO.38 CHAMAN HOUSING AIRPORT ROAD QUETTA.

PROJECT TITLE:

INTEGRATED FLOOD RESILIENCE AND
ADAPTATION PROJECT

SCHEME NAME:

REHABILITATION OF MAIN DRAINS
UMRANI, MAGSI & RUPA DRAIN IN
DISTRICT NASEERABAD AND JAFFARABAD
(PACKAGE-04)

DRAWING TITLE:-

CROSS SECTION OF
MAGSI DRAIN
AT RD
(1+825 TO 1+900)

NOTES:

ALL LEVELS AND DIMENSIONS ARE
IN METERS UNLESS INDICATED
OTHERWISE.

DRAWN BY: SAJID HUSSAIN

CHECKED BY: ZIA-UL-HAQ

FILE PATH: G/ IFRAP

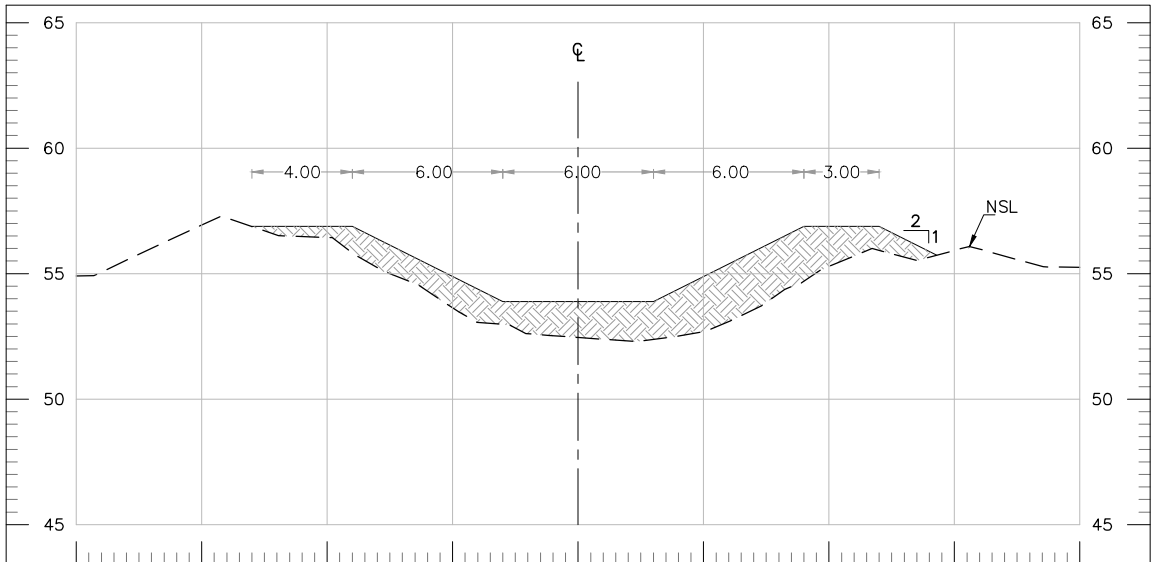
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DESIGNED BY: KAMRAN BABAR

SCALE: 1:300

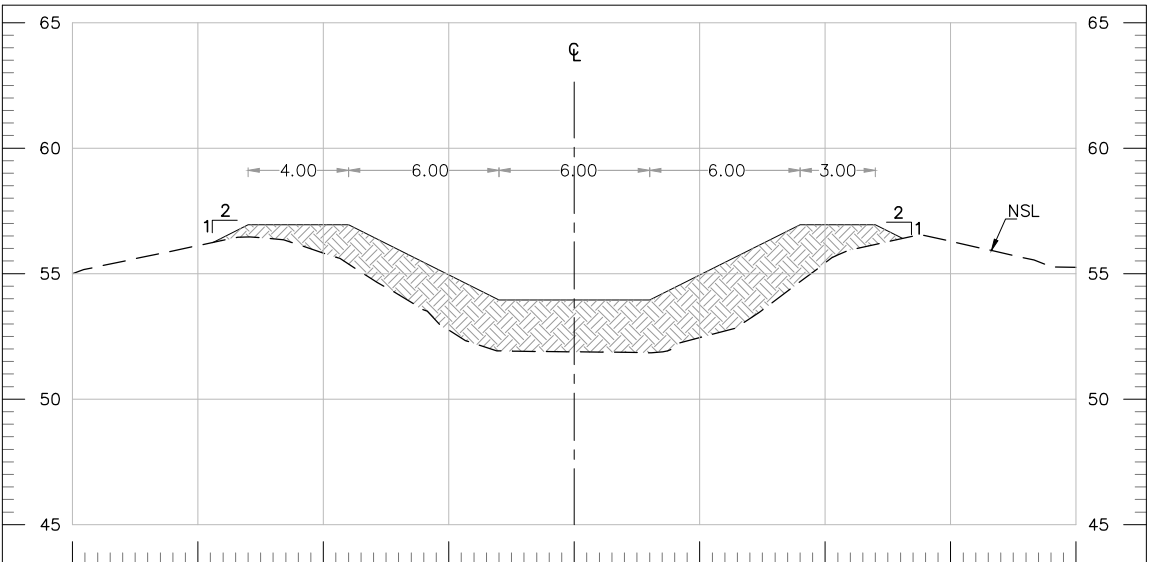
DATE: AUG / 2025

SHEET:- 01 OF 01



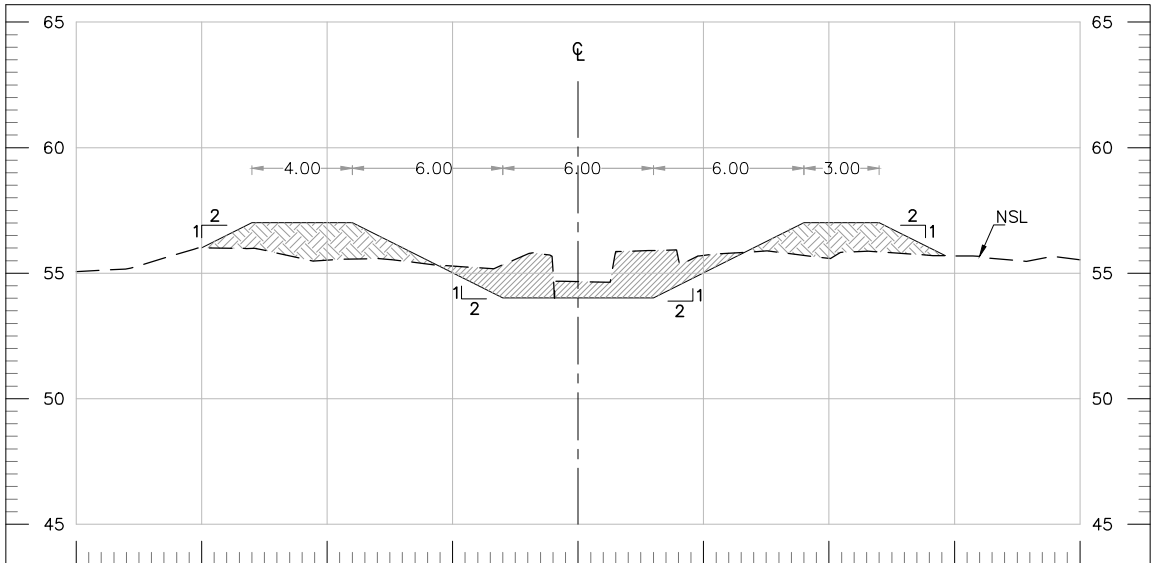
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OFFSET		-13.01	-9.00	-3.00	0.00	3.00		9.00	12.00	14.30	
NSL	54.90	56.94	56.44	53.64	52.45	52.69		55.29	55.92	55.26	
OFFSET	-20.00	-15.00	-10.00	-5.00	0.00	5.00		10.00	15.00	20.00	

AT RD 4+700.00



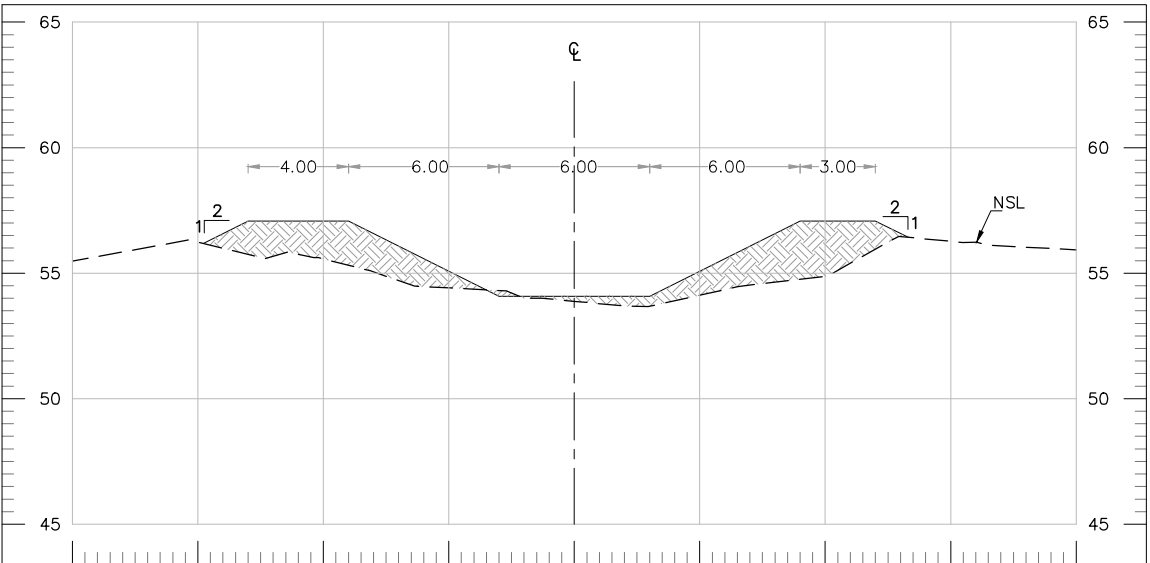
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OFFSET		-14.42	-13.00	-9.00	-3.00	0.00		3.00	9.00	12.00	
NSL	55.00	56.12	55.82	52.74	51.88	52.45		55.43	56.29	55.25	
OFFSET	-20.00	-15.00	-10.00	-5.00	0.00	5.00		10.00	15.00	20.00	

AT RD 4+800.00



DBL		56.01	57.01	57.01	54.01	54.01	54.01	57.01	57.01	55.70
OFFSET		-15.01	-13.00	-9.00	-3.00	0.00	3.00	9.00	12.00	14.63
NSL	55.07	56.01	55.52	55.28	54.66	55.70	55.59	55.69	55.53	
OFFSET	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	

AT RD 4+900.00



DBL		56.19	57.08	57.08	54.08	54.08	54.08	57.08	57.08	56.43
OFFSET		-14.78	-13.00	-9.00	-3.00	0.00	3.00	9.00	12.00	13.29
NSL	55.48	56.24	55.57	54.41	53.88	54.12	54.87	56.27	55.93	
OFFSET	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	

AT RD 5+000.00

TENDER DRAWINGS

CLIENT:



IRRIGATION DEPARTMENT
GOVERNMENT OF
BALOCHISTAN

CONSULTANTS:



CONSULTANTS
CONSULTING ENGINEERS ARCHITECTS & PLANNERS.
PLOT NO.07 PARIS ARCADE STREET, NO. 36 E-11/3 MARKAZ ISLAMABAD.
H. NO.38 CHAMAN HOUSING AIRPORT ROAD QUETTA.

PROJECT TITLE:

INTEGRATED FLOOD RESILIENCE AND
ADAPTATION PROJECT

SCHEME NAME:

REHABILITATION OF MAIN DRAINS
UMRANI, MAGSI & RUPA DRAIN IN
DISTRICT NASEERABAD AND JAFFARABAD
(PACKAGE-04)

DRAWING TITLE:-

CROSS SECTION OF
MAGSI DRAIN
AT RD
(1+925 TO 2+000)

NOTES:

ALL LEVELS AND DIMENSIONS ARE
IN METERS UNLESS INDICATED
OTHERWISE.

DRAWN BY: SAJID HUSSAIN

CHECKED BY: ZIA-UL-HAQ

FILE PATH: G/ IFRAP

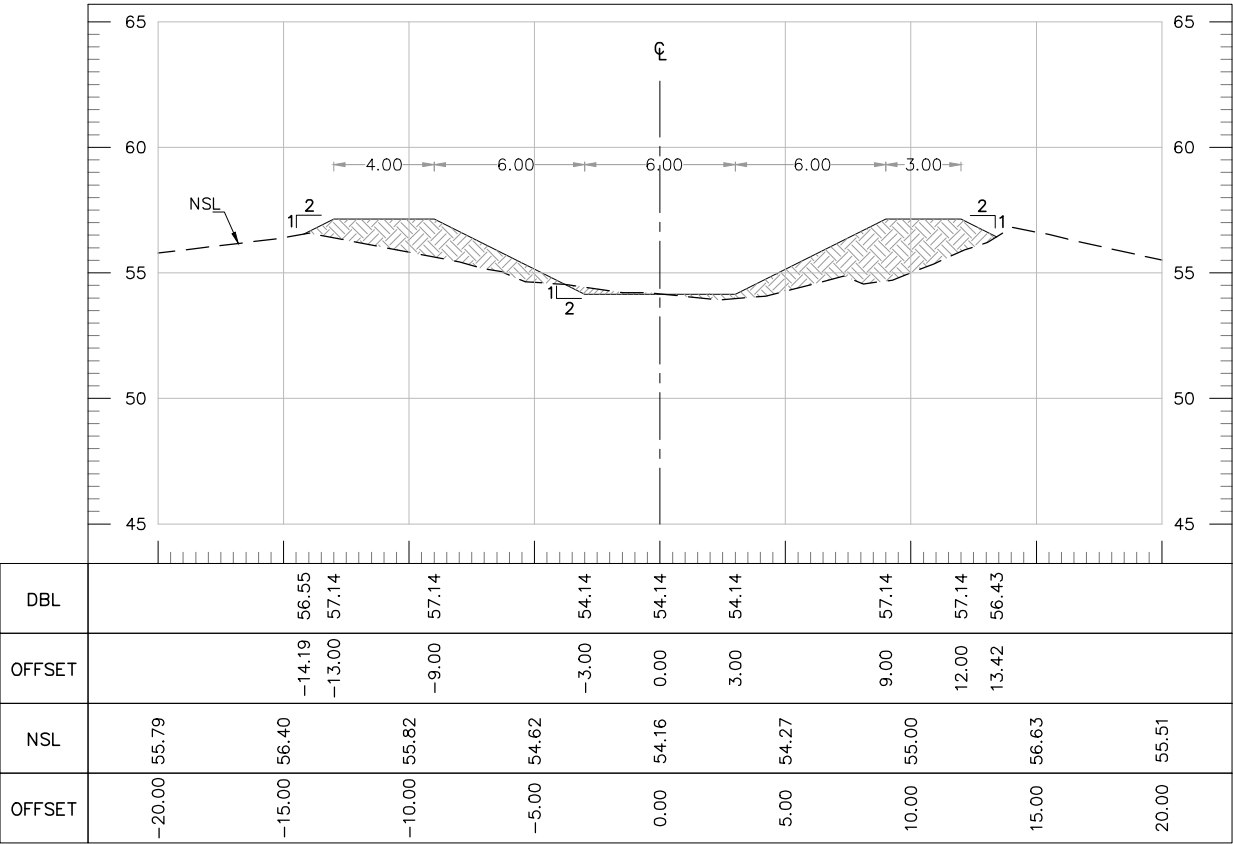
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DESIGNED BY: KAMRAN BABAR

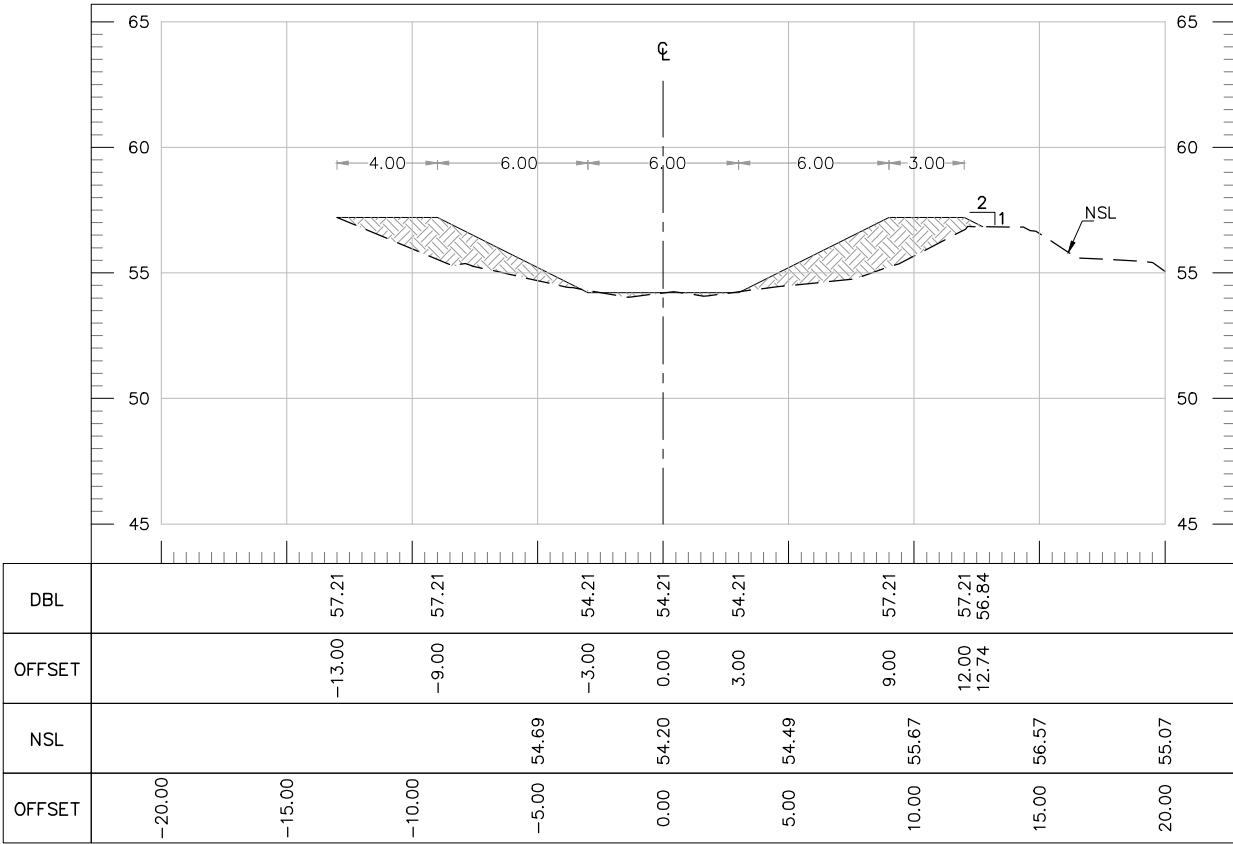
SCALE: 1:300

DATE: AUG / 2025

SHEET:- 01 OF 01



AT RD 5+100.00



AT RD 5+200.00

TENDER DRAWINGS

CLIENT:



IRRIGATION DEPARTMENT
GOVERNMENT OF
BALOCHISTAN

CONSULTANTS:



CONSULTANTS
CONSULTING ENGINEERS ARCHITECTS & PLANNERS.
PLOT NO.07 PARIS ARCADE STREET, NO. 36 E-11/3 MARKAZ ISLAMABAD.
H. NO.38 CHAMAN HOUSING AIRPORT ROAD QUETTA.

PROJECT TITLE:

INTEGRATED FLOOD RESILIENCE AND
ADAPTATION PROJECT

SCHEME NAME:

REHABILITATION OF MAIN DRAINS
UMRANI, MAGSI & RUPA DRAIN IN
DISTRICT NASEERABAD AND JAFFARABAD
(PACKAGE-04)

DRAWING TITLE:-

CROSS SECTION OF
MAGSI DRAIN
AT RD
(2+025 TO 2+100)

NOTES:

ALL LEVELS AND DIMENSIONS ARE
IN METERS UNLESS INDICATED
OTHERWISE.

DRAWN BY: SAJID HUSSAIN

CHECKED BY: ZIA-UL-HAQ

FILE PATH: G:/IFRAP

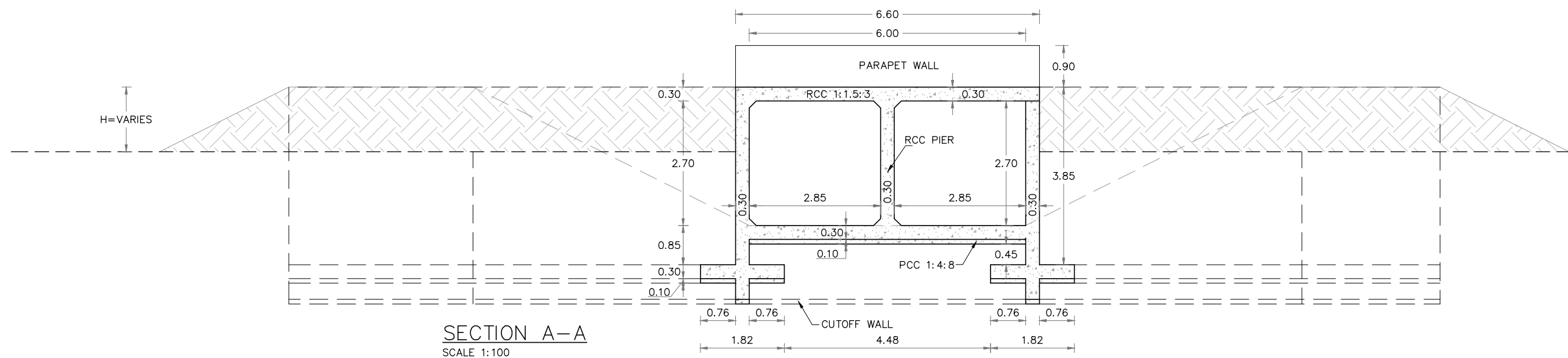
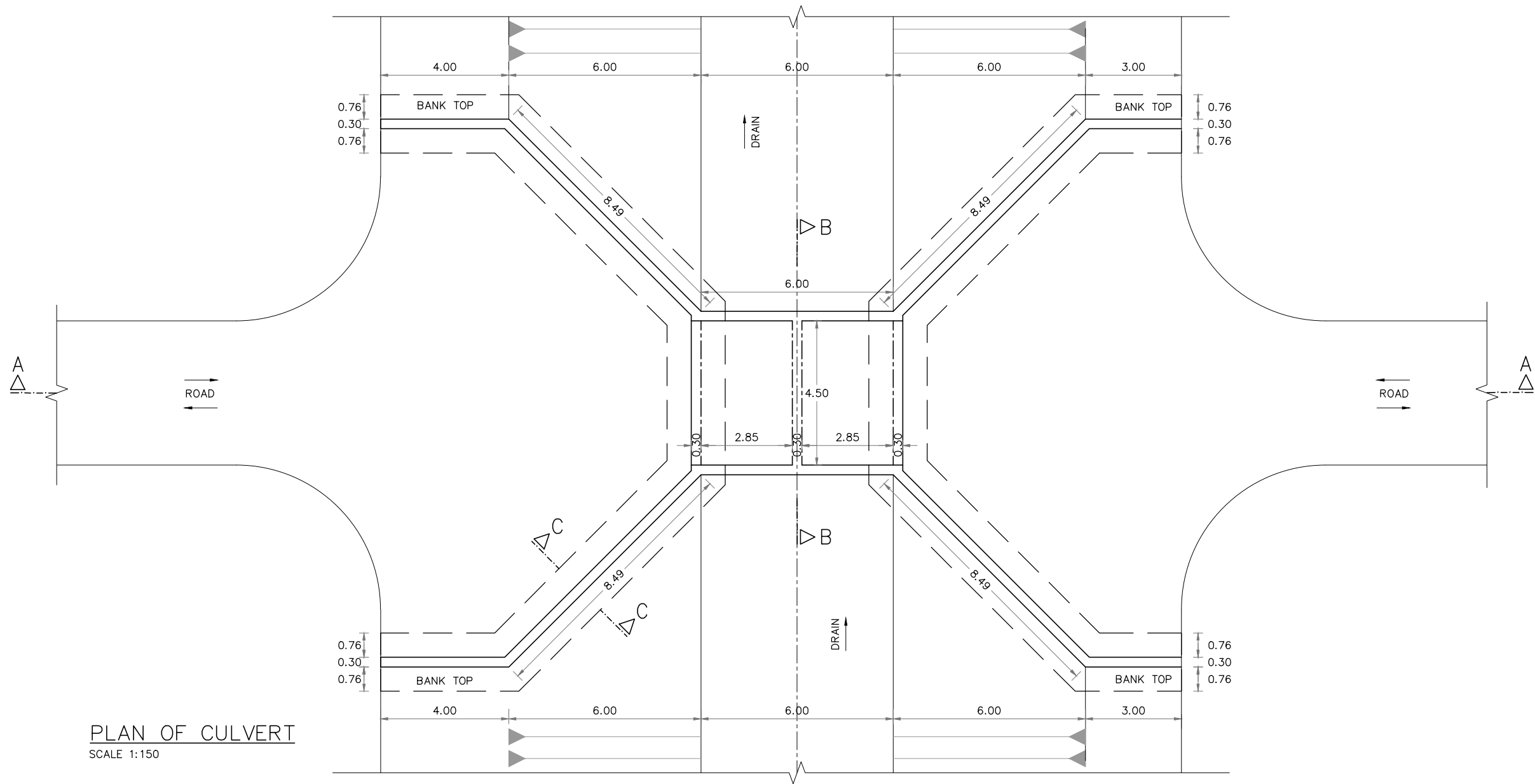
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DESIGNED BY: KAMRAN BABAR

SCALE: 1:300

DATE: AUG / 2025

SHEET:- 01 OF 01



TENDER DRAWINGS

CLIENT:



IRRIGATION DEPARTMENT
GOVERNMENT OF
BALOCHISTAN

CONSULTANTS:



CONSULTANTS
CONSULTING ENGINEERS ARCHITECTS & PLANNERS.
PLOT NO.07 PARIS ARCADE STREET, NO. 36 E-11/3 MARKAZ ISLAMABAD.
H. NO.38 CHAMAN HOUSING AIRPORT ROAD QUETTA.

PROJECT TITLE:

INTEGRATED FLOOD RESILIENCE AND
ADAPTATION PROJECT

SCHEME NAME:

REHABILITATION OF MAIN DRAINS
UMRANI, MAGSI AND RUPA DRAINS IN
DISTRICT NASEERABAD AND JAFFARABAD
(PACKAGE-04)

DRAWING TITLE:-

TYPICAL PLAN OF CULVERT (2-CELL)
AT RD (2+653, 4+118, 4+475, 4+900)
AND SECTION A-A
OF MAGSI DRAIN

NOTES:

ALL LEVELS AND DIMENSIONS ARE
IN METERS UNLESS INDICATED
OTHERWISE.

DRAWN BY: KISHWAR

CHECKED BY: ZIA-UL-HAQ

FILE PATH: G:/IFRAP

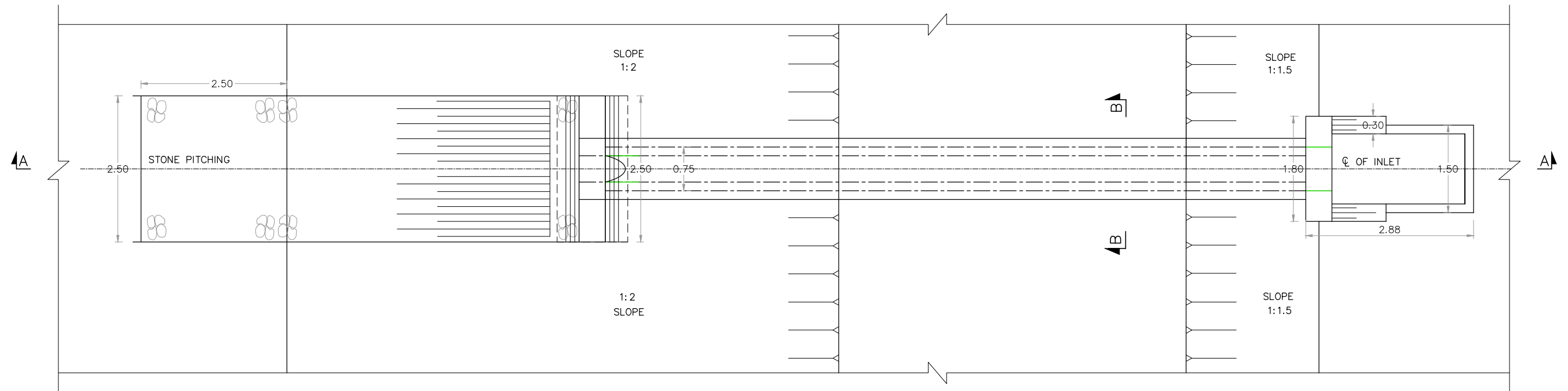
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DESIGNED BY: KAMRAN BABAR

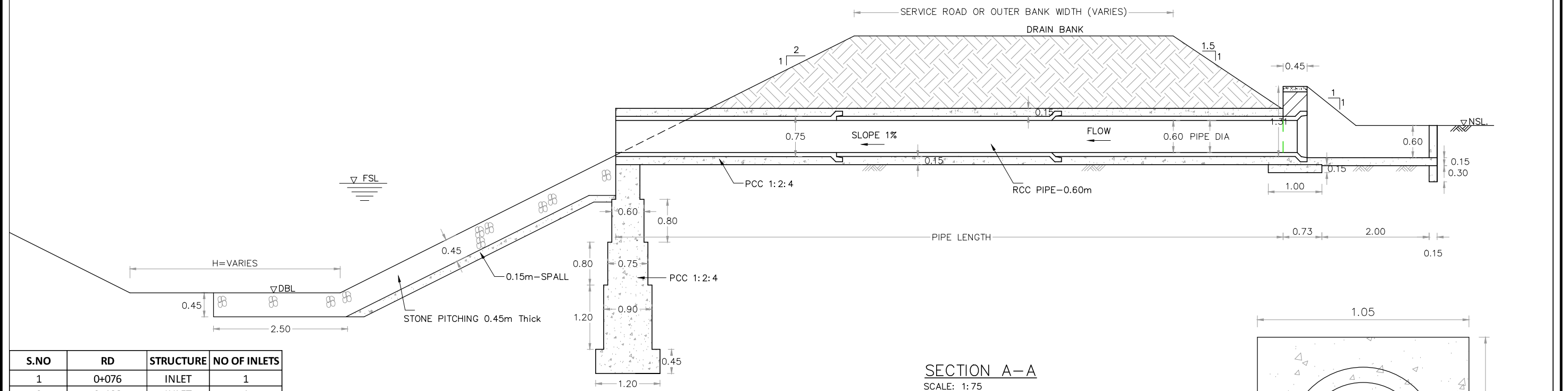
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DATE: AUG / 2025

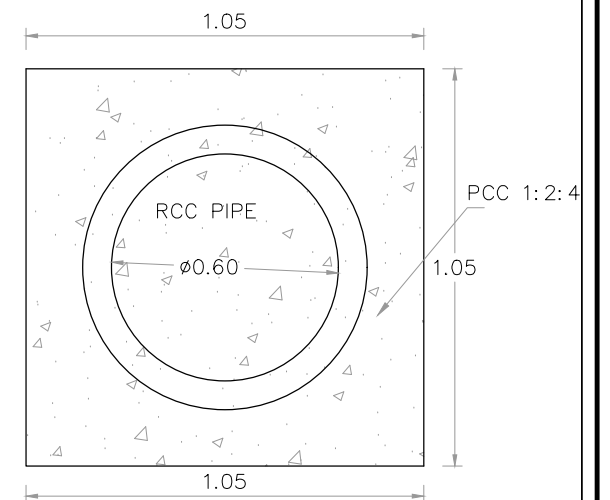
SHEET:- 01 OF 08



PLAN OF INLET STRUCTURE
SCALE: 1:75



SECTION A-A
SCALE: 1:75

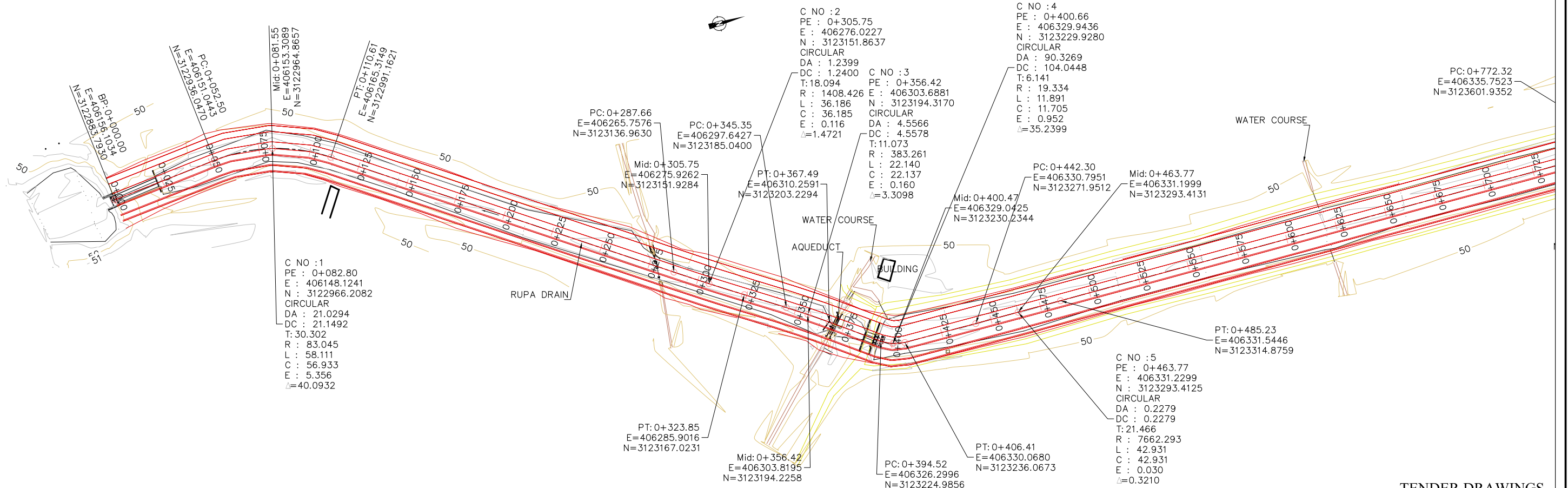


SECTION B-B
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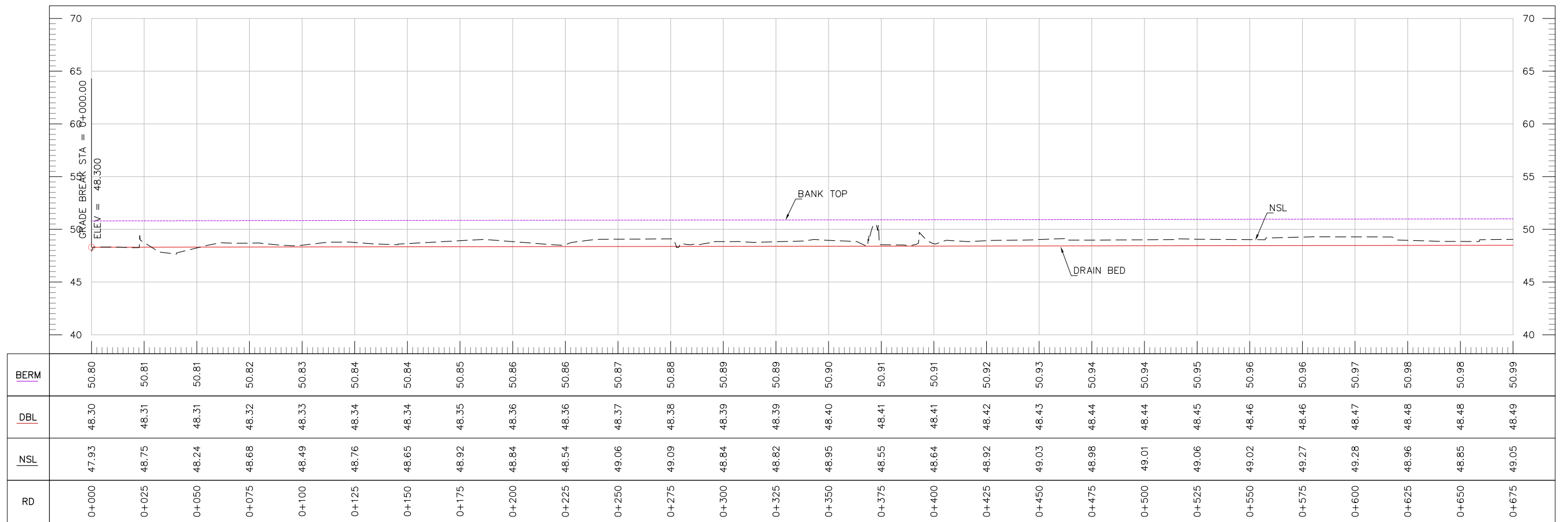
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3	0+597.156	INLET	1
4	0+935	OUTLET	1
5	1+195.7	INLET	1
6	1+438.229	INLET	1
7	1+455	INLET	1
8	2+664	INLET	1
9	2+665	INLET	1
10	2+690	INLET	1
11	2+775	INLET	1
12	2+807	INLET	1
13	4+505	INLET	1
14	5+187	INLET	1
		TOTAL	14

TENDER DRAWINGS

CLIENT:  IRRIGATION DEPARTMENT GOVERNMENT OF BALUCHISTAN	CONSULTANTS:  CAMEOS CONSULTANTS CONSULTING ENGINEERS ARCHITECTS & PLANNERS. PLOT NO.07 PARIS ARCADE STREET, NO. 36 E-11/3 MARKAZ ISLAMABAD. H. NO.38 CHAMAN HOUSING AIRPORT ROAD QUETTA.	PROJECT TITLE: INTEGRATED FLOOD RESILIENCE AND ADAPTATION PROJECT	SCHEME NAME: REHABILITATION OF MAIN DRAINS UMRANI , MAGSI AND RUPA DRAINS IN DISTRICT NASEERABAD AND JAFFARABAD (PACKAGE-04)	DRAWING TITLE:- TYPICAL PLAN, SECTION A-A & B-B OF INLET STRUCTURE OF MAGSI DRAIN	NOTES: ALL LEVELS AND DIMENSIONS ARE IN METERS UNLESS INDICATED OTHERWISE.	DRAWN BY: FAISAL / USAMA CHECKED BY: ZIA-UL-HAQ FILE PATH: G:/IFRAP DRAWING NO: IFRAP-P04/MGS-26	DESIGNED BY: KAMRAN BABAR SCALE: AS SHOWN DATE: AUG / 2025 SHEET:- 01 OF 01
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TENDER DRAWINGS



CLIENT:



CONSULTANTS:



PROJECT TITLE:

INTEGRATED FLOOD RESILIENCE AND ADAPTATION PROJECT

SCHEME NAME:

REHABILITATION OF MAIN DRAINS UMRANI, MAGSI AND RUPA DRAINS IN DISTRICT NASEERABAD AND JAFFARABAD (PACKAGE-04)

DRAWING TITLE:-

PLAN AND PROFILE OF RUPA DRAIN

NOTES:

ALL LEVELS AND DIMENSIONS ARE IN METERS UNLESS INDICATED OTHERWISE.

DRAWN BY: FAISAL / USAMA

CHECKED BY: ZIA-UL-HAQ

FILE PATH: G:/IFRAP

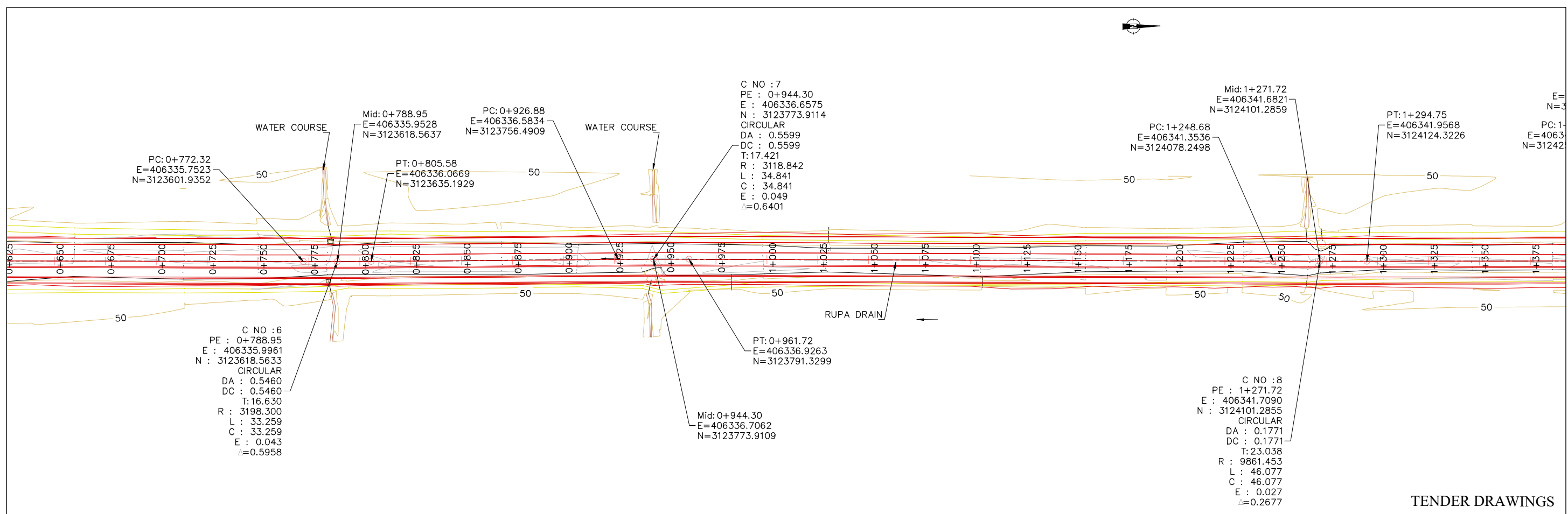
DRAWING NO: IFRAP-P04/RUPA-01

DESIGNED BY: KAMRAN BABAR

SCALE: 1:2000

DATE: Jan-26

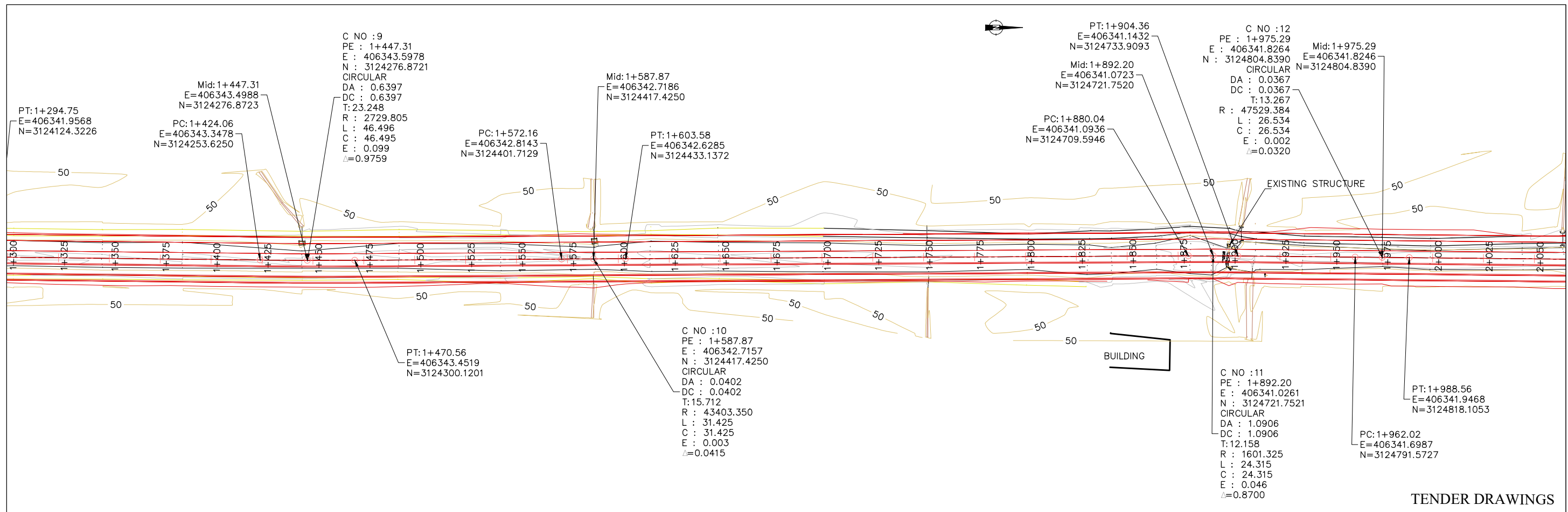
SHEET:- 01 OF 13



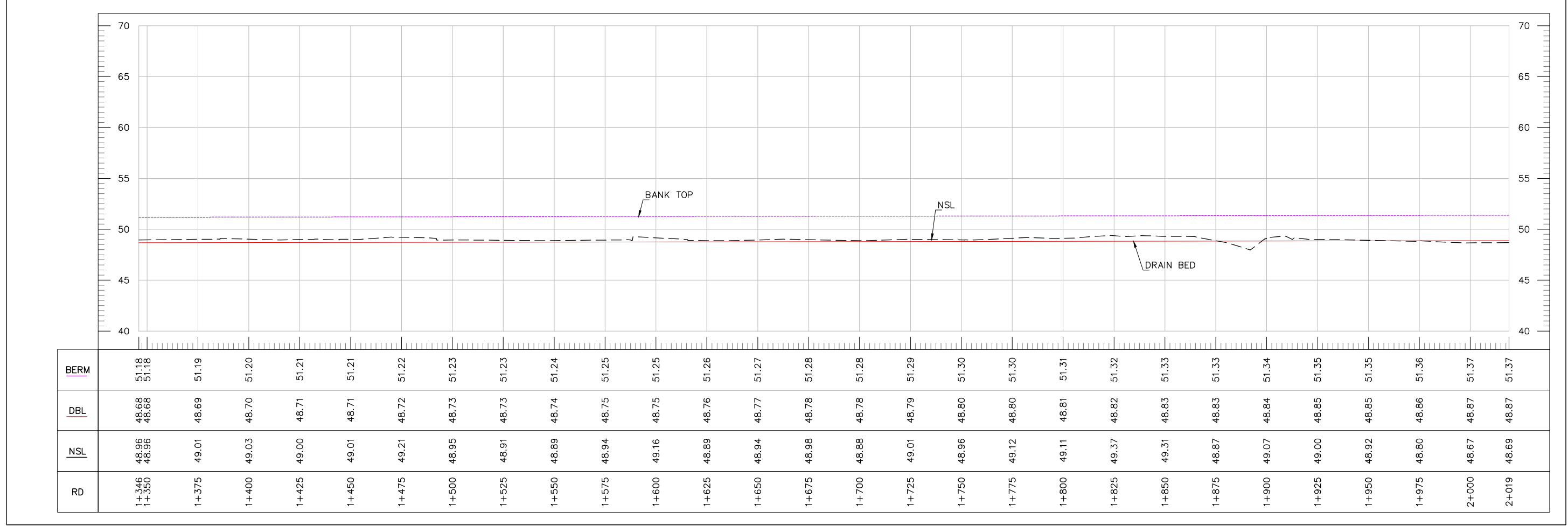
TENDER DRAWINGS

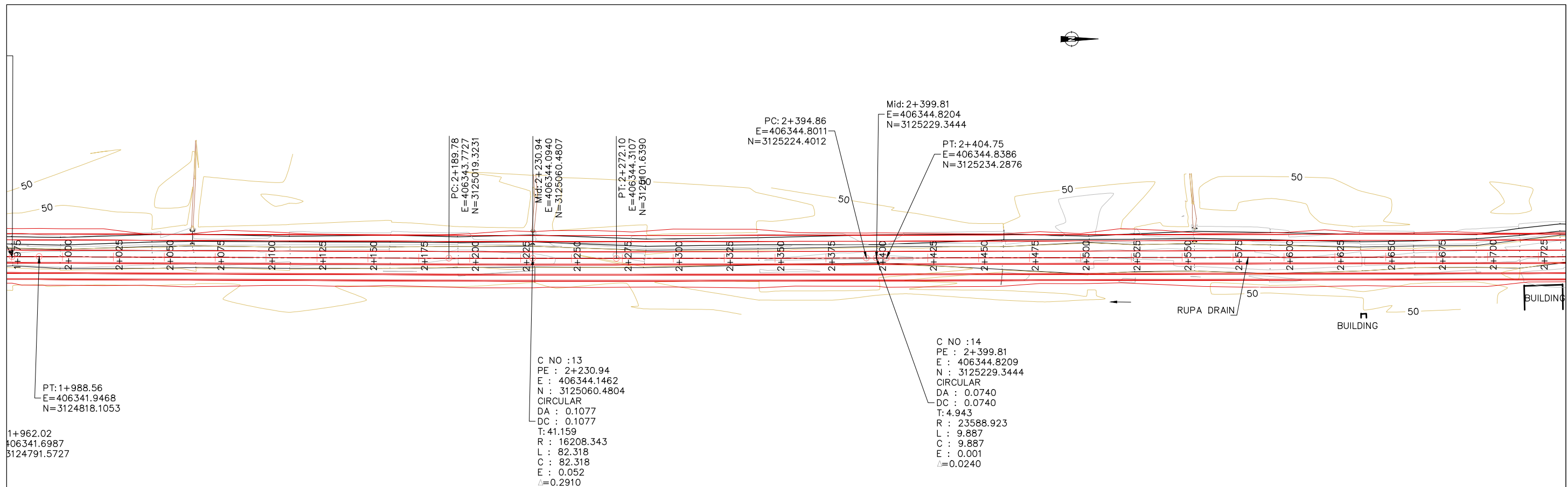


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DBL	48.49	48.50	48.51	48.51	48.52	48.53	48.53	48.54	48.55	48.56	48.56	48.57	48.58	48.58	48.59	48.60	48.61	48.61	48.62	48.63	48.63	48.64	48.65	48.66	48.66	48.67	48.68	48.68
NSL	49.05	49.07	48.97	49.08	48.65	49.05	48.91	48.87	48.89	49.01	49.39	49.17	49.52	49.04	49.02	49.17	49.04	49.00	48.94	49.04	49.05	48.99	49.07	48.92	49.36	48.94	48.95	48.96
RD	0+675	0+700	0+725	0+750	0+775	0+800	0+825	0+850	0+875	0+900	0+925	0+950	0+975	1+000	1+025	1+050	1+075	1+100	1+125	1+150	1+175	1+200	1+225	1+250	1+275	1+300	1+325	1+346

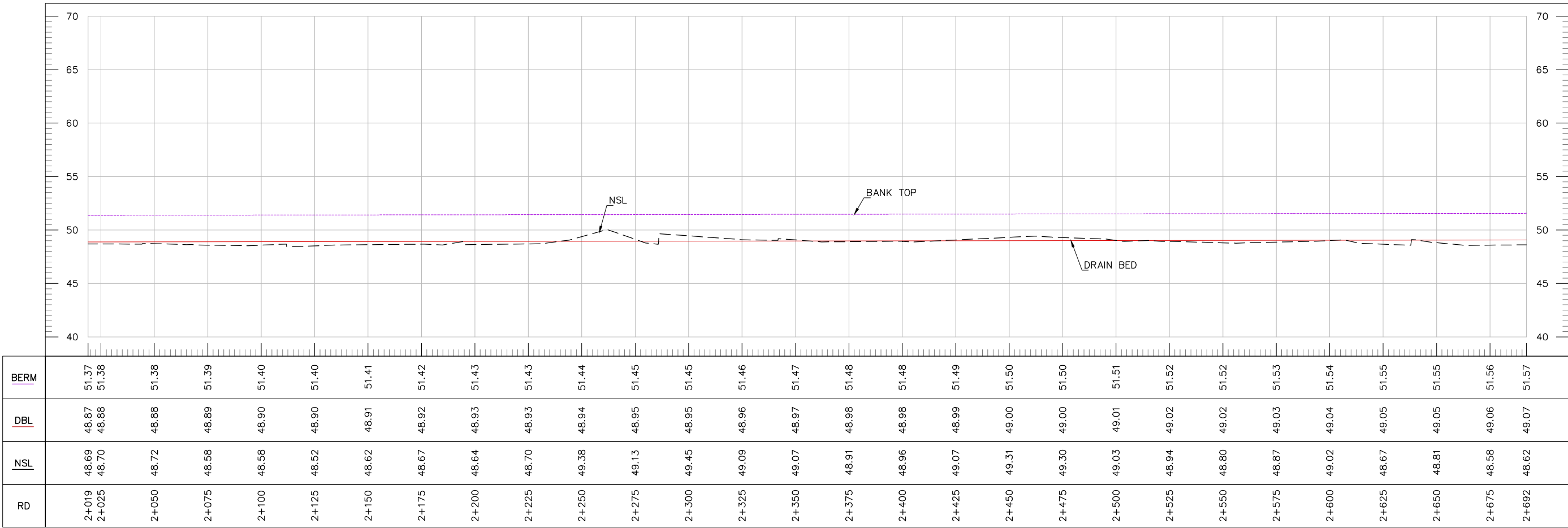


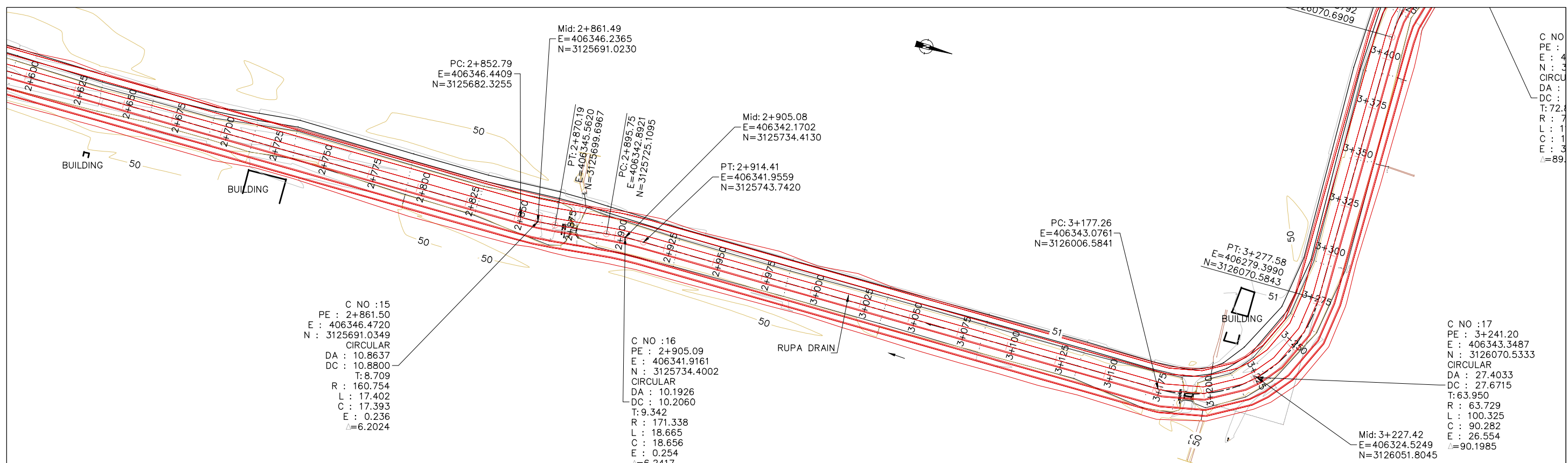
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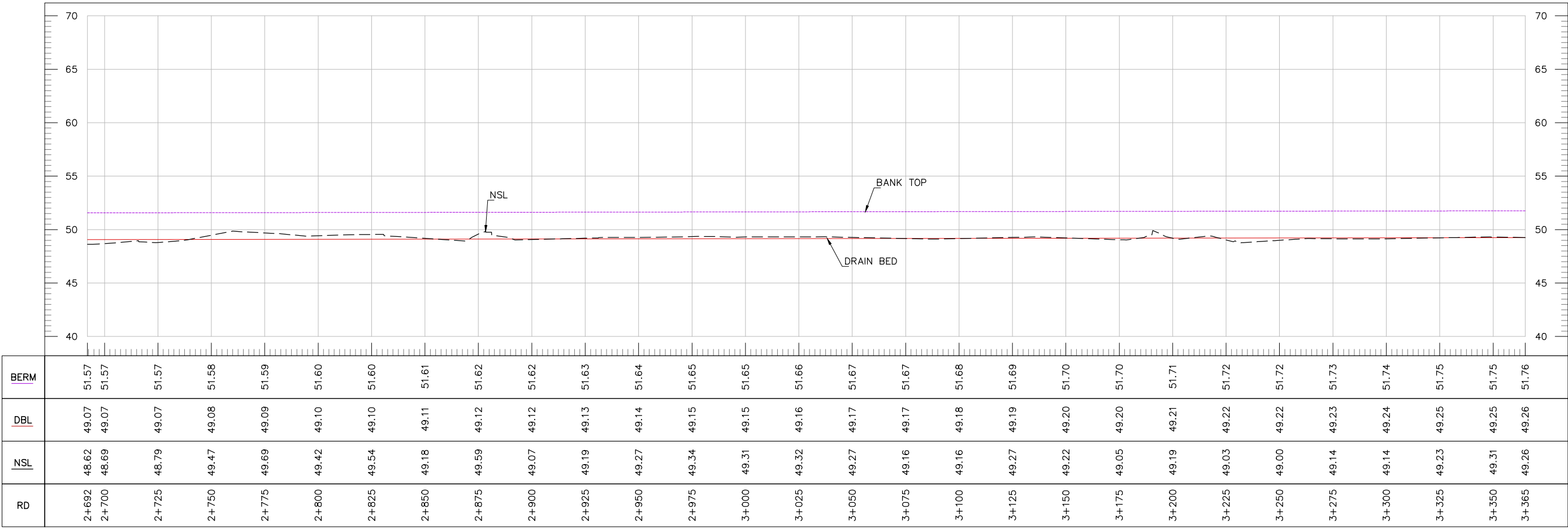


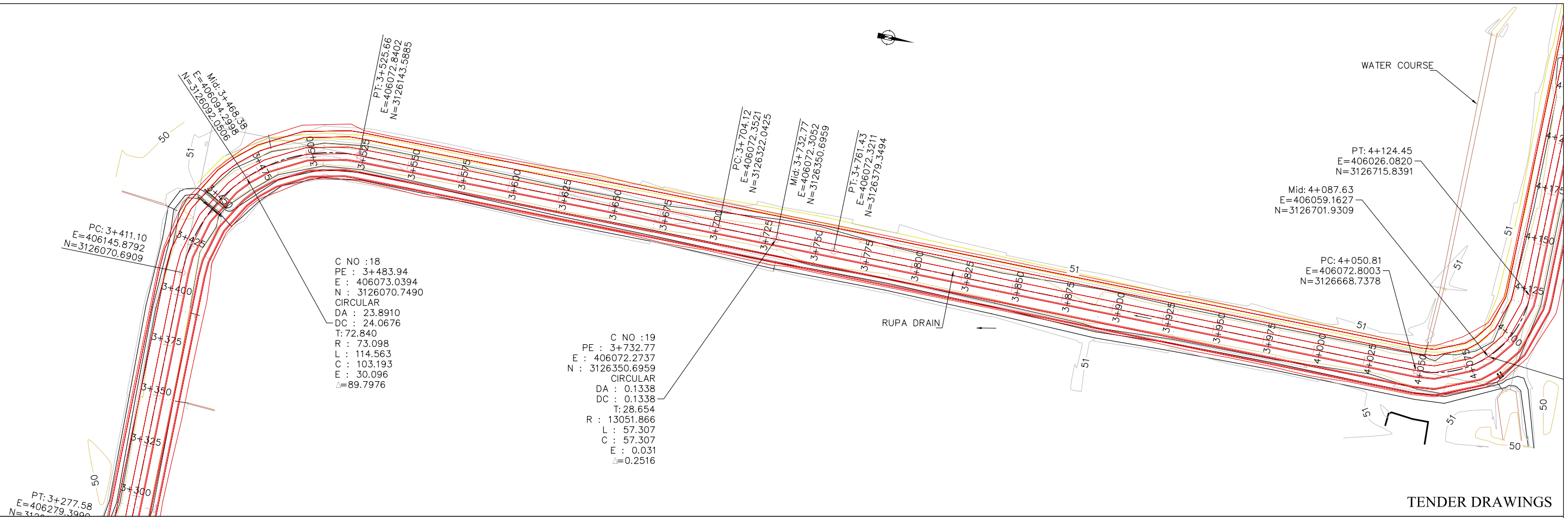
TENDER DRAWINGS



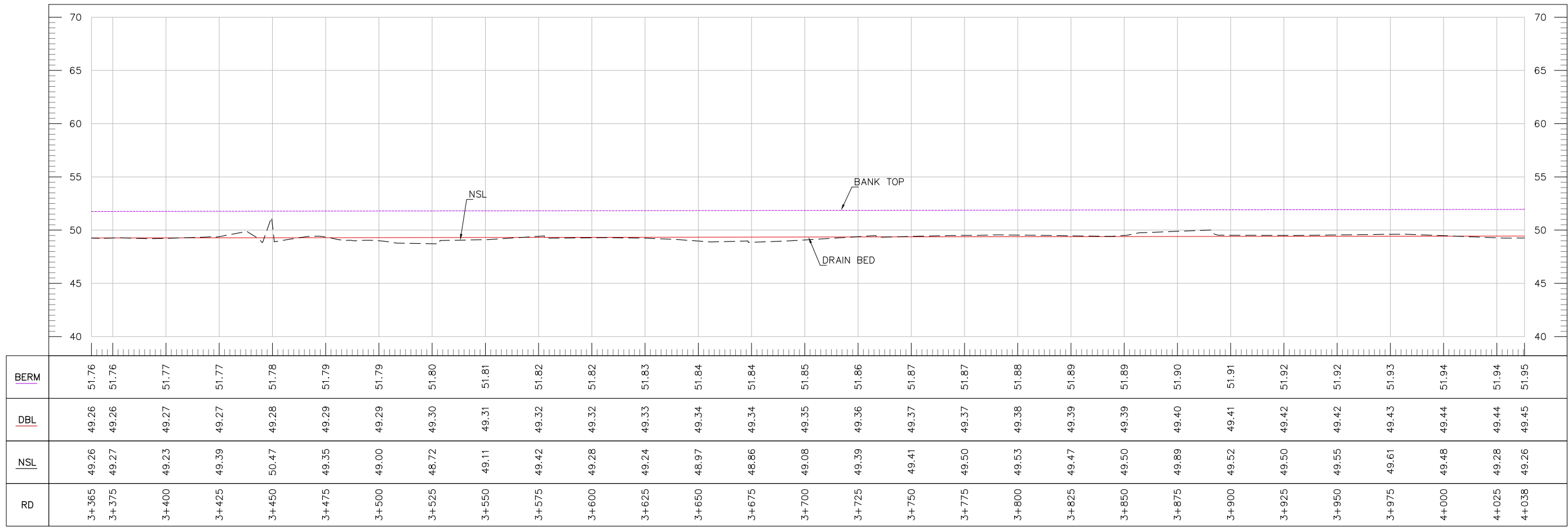


TENDER DRAWINGS





TENDER DRAWINGS



CLIENT:



IRRIGATION DEPARTMENT
GOVERNMENT OF
BALOCHISTAN

CONSULTANTS:

CAMEOS
CONSULTANTS
CONSULTING ENGINEERS ARCHITECTS & PLANNERS.
PLOT NO.07 PARIS ARCADE STREET, NO. 36 E-11/3 MARKAZ ISLAMABAD,
H. NO.38 CHAMAN HOUSING AIRPORT ROAD QUETTA.

PROJECT TITLE:

INTEGRATED FLOOD RESILIENCE AND
ADAPTATION PROJECT

SCHEME NAME:

REHABILITATION OF MAIN DRAINS
UMRANI, MAGSI AND RUPA DRAINS IN
DISTRICT NASEERABAD AND JAFFARABAD
(PACKAGE-04)

DRAWING TITLE:-

PLAN AND PROFILE OF
RUPA DRAIN

NOTES:

ALL LEVELS AND DIMENSIONS ARE
IN METERS UNLESS INDICATED
OTHERWISE.

DRAWN BY: FAISAL / USAMA

CHECKED BY: ZIA-UL-HAQ

FILE PATH: G:/IFRAP

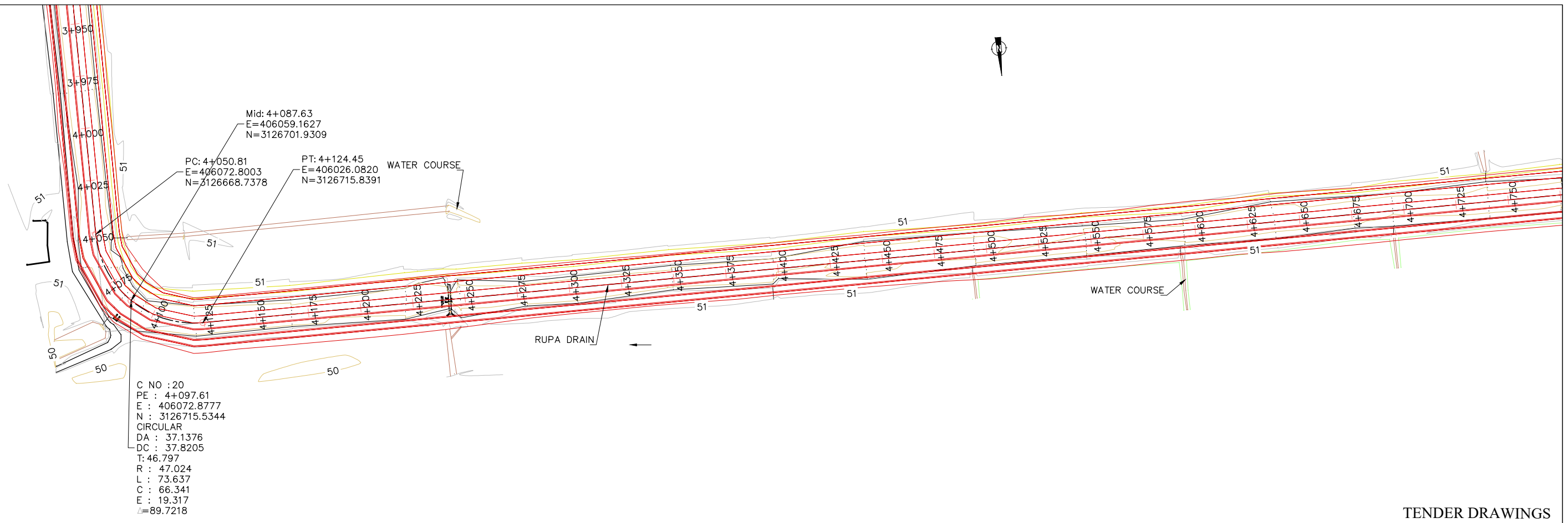
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DESIGNED BY: KAMRAN BABAR

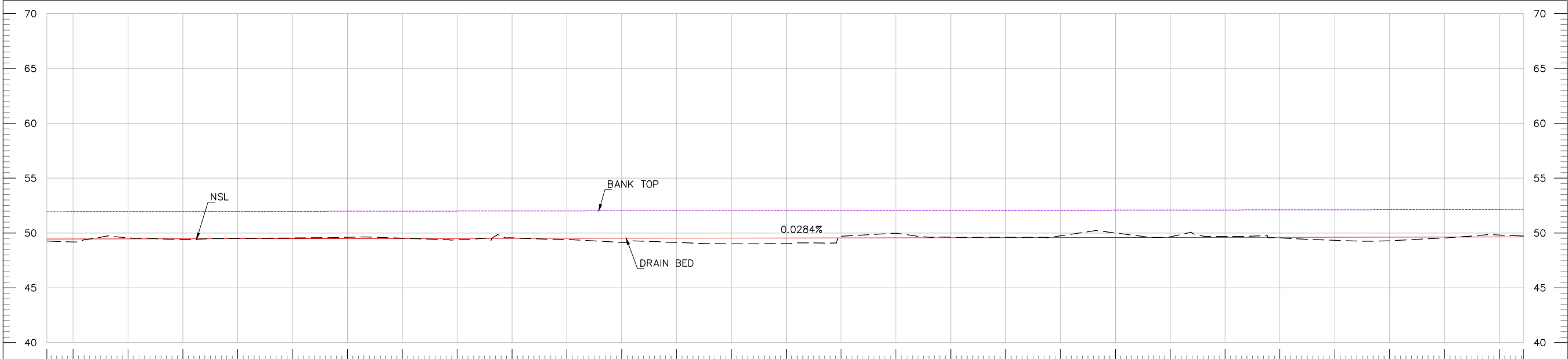
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DATE: Jan-26

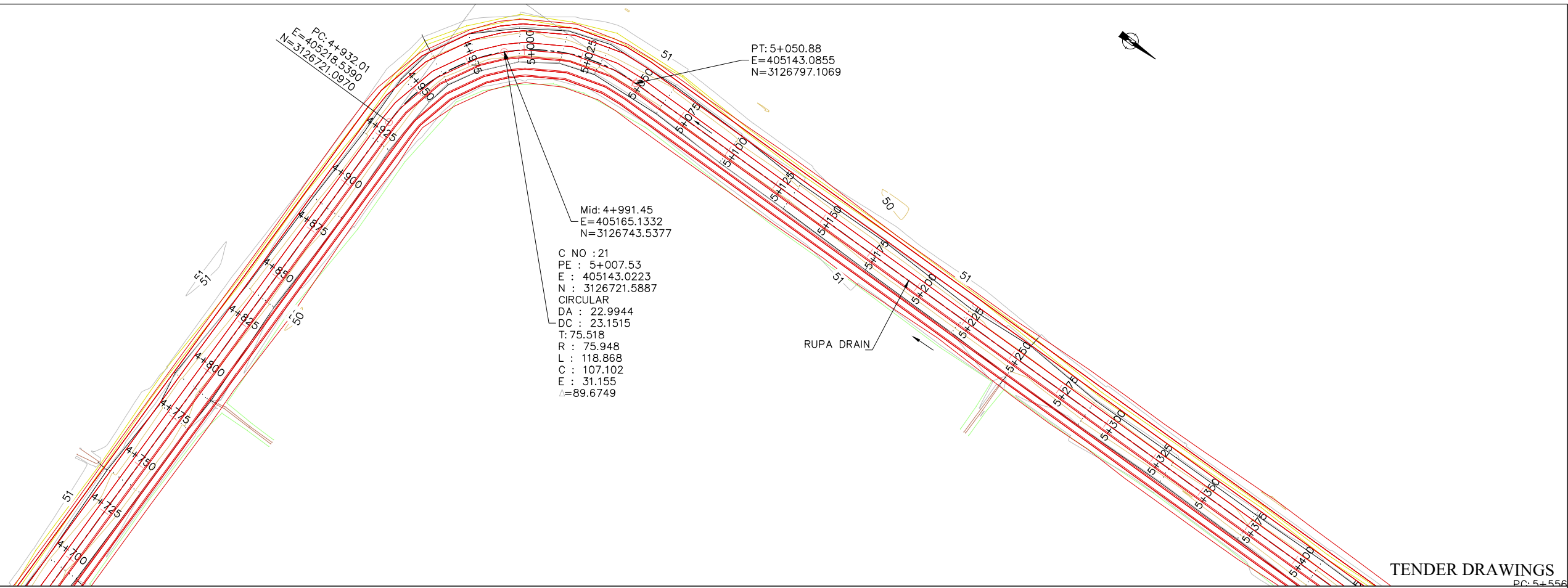
SHEET:- 06 OF 13



TENDER DRAWINGS

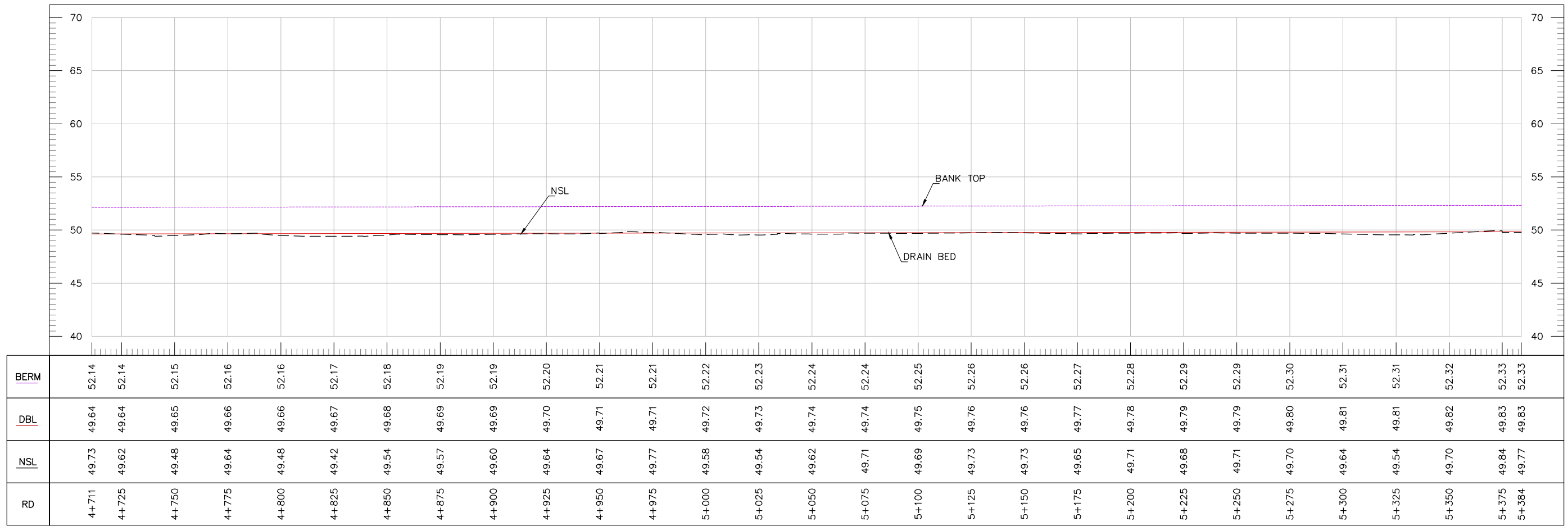


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DBL	49.45	49.45	49.46	49.47	49.47	49.48	49.49	49.49	49.50	49.51	49.52	49.52	49.53	49.54	49.54	49.55	49.56	49.56	49.57	49.58	49.59	49.59	49.60	49.61	49.61	49.62	49.63	49.64	49.64
NSL	49.26	49.19	49.57	49.40	49.50	49.55	49.61	49.52	49.38	49.55	49.42	49.14	49.14	49.02	49.03	49.70	49.98	49.62	49.60	49.74	50.00	49.66	49.69	49.55	49.34	49.29	49.54	49.82	49.73
RD	4+038	4+050	4+075	4+100	4+125	4+150	4+175	4+200	4+225	4+250	4+275	4+300	4+325	4+350	4+375	4+400	4+425	4+450	4+475	4+500	4+525	4+550	4+575	4+600	4+625	4+650	4+675	4+700	4+711



TENDER DRAWINGS

PC: 5+556



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DBL	49.64	49.64	49.65	49.66	49.66	49.67	49.68	49.69	49.69	49.70	49.71	49.71	49.72	49.73	49.74	49.74	49.75	49.76	49.76	49.77	49.78	49.79	49.79	49.80	49.81	49.81	49.82	49.83	49.83
NSL	49.73	49.62	49.48	49.64	49.48	49.42	49.54	49.57	49.60	49.64	49.67	49.77	49.58	49.54	49.62	49.71	49.69	49.73	49.73	49.65	49.71	49.68	49.71	49.70	49.64	49.54	49.70	49.84	49.77
RD	4+711	4+725	4+750	4+775	4+800	4+825	4+850	4+875	4+900	4+925	4+950	4+975	5+000	5+025	5+050	5+075	5+100	5+125	5+150	5+175	5+200	5+225	5+250	5+275	5+300	5+325	5+350	5+375	5+384

CLIENT:



IRRIGATION DEPARTMENT
GOVERNMENT OF
BALOCHISTAN

CONSULTANTS:



CONSULTANTS
CONSULTING ENGINEERS ARCHITECTS & PLANNERS.
PLOT NO.07 PARIS ARCADE STREET, NO. 36 E-11/3 MARKAZ ISLAMABAD.
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PROJECT TITLE:

INTEGRATED FLOOD RESILIENCE AND
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UMRANI , MAGSI AND RUPA DRAINS IN
DISTRICT NASEERABAD AND JAFFARABAD
(PACKAGE-04)

DRAWING TITLE:-

PLAN AND PROFILE OF
RUPA DRAIN

NOTES:

ALL LEVELS AND DIMENSIONS ARE
IN METERS UNLESS INDICATED
OTHERWISE.

DRAWN BY: FAISAL / USAMA

CHECKED BY: ZIA-UL-HAQ

FILE PATH: G:/IFRAP

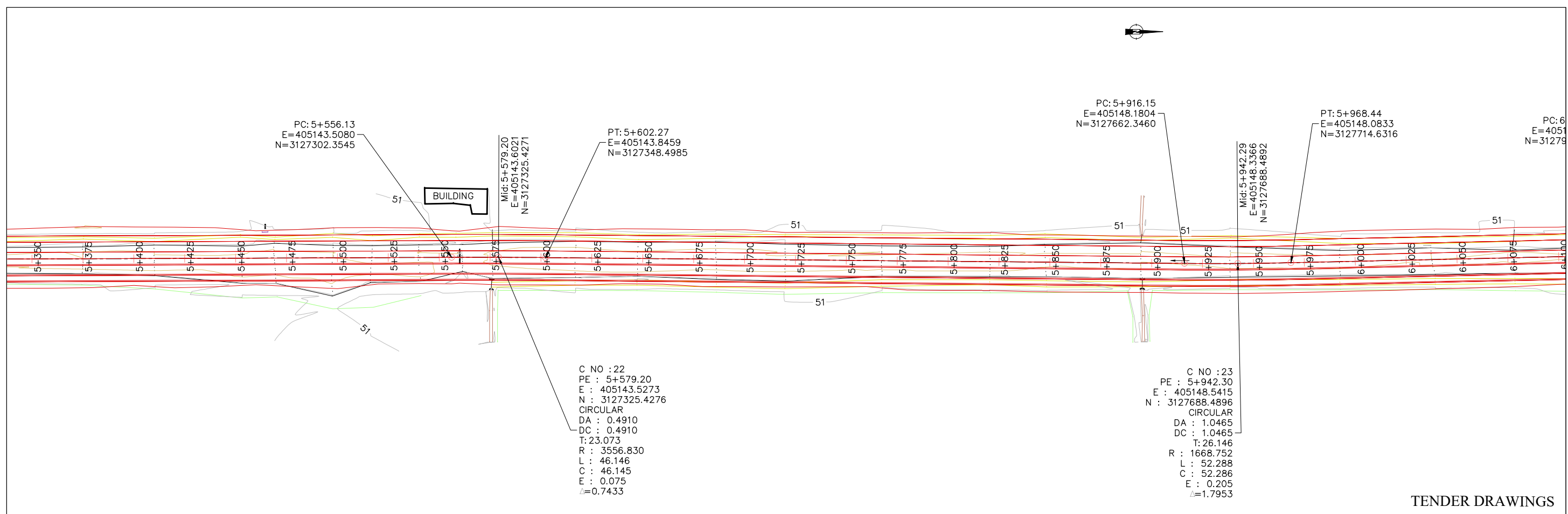
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DESIGNED BY: KAMRAN BABAR

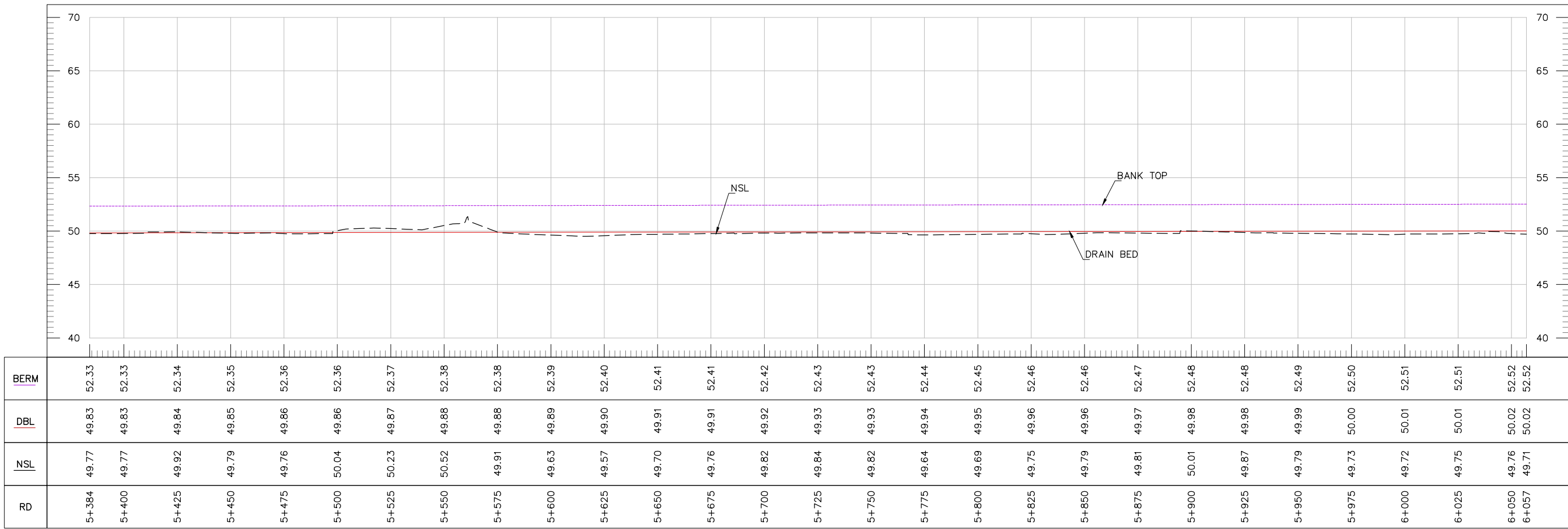
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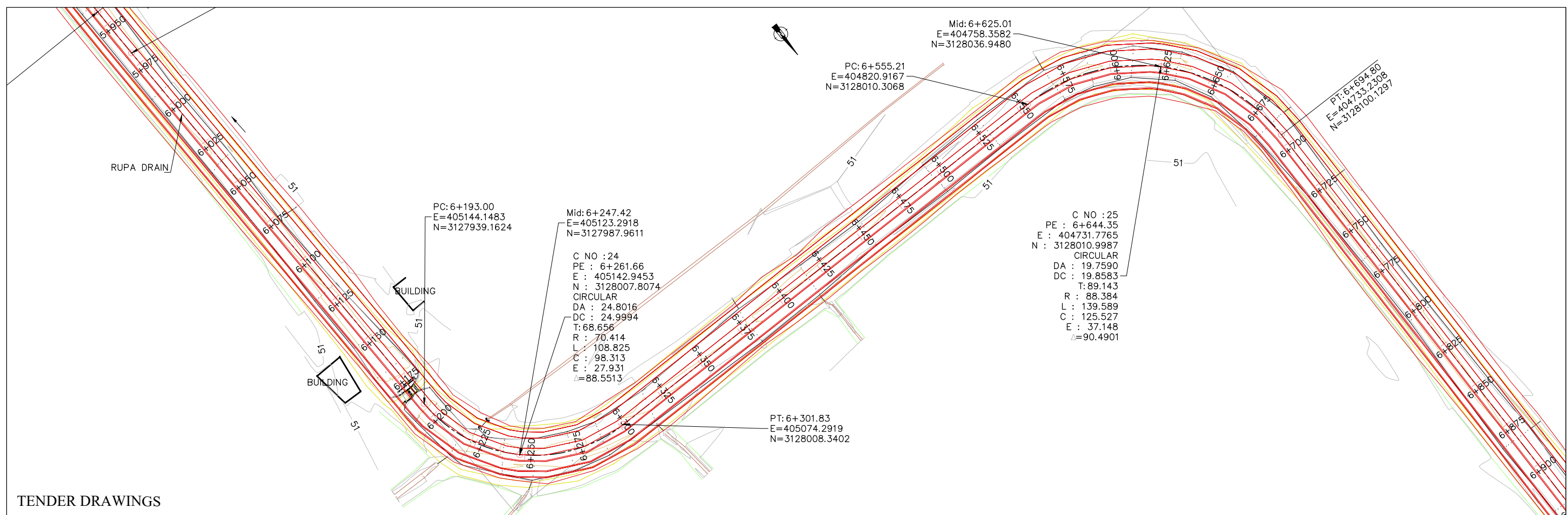
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SHEET:- 08 OF 13

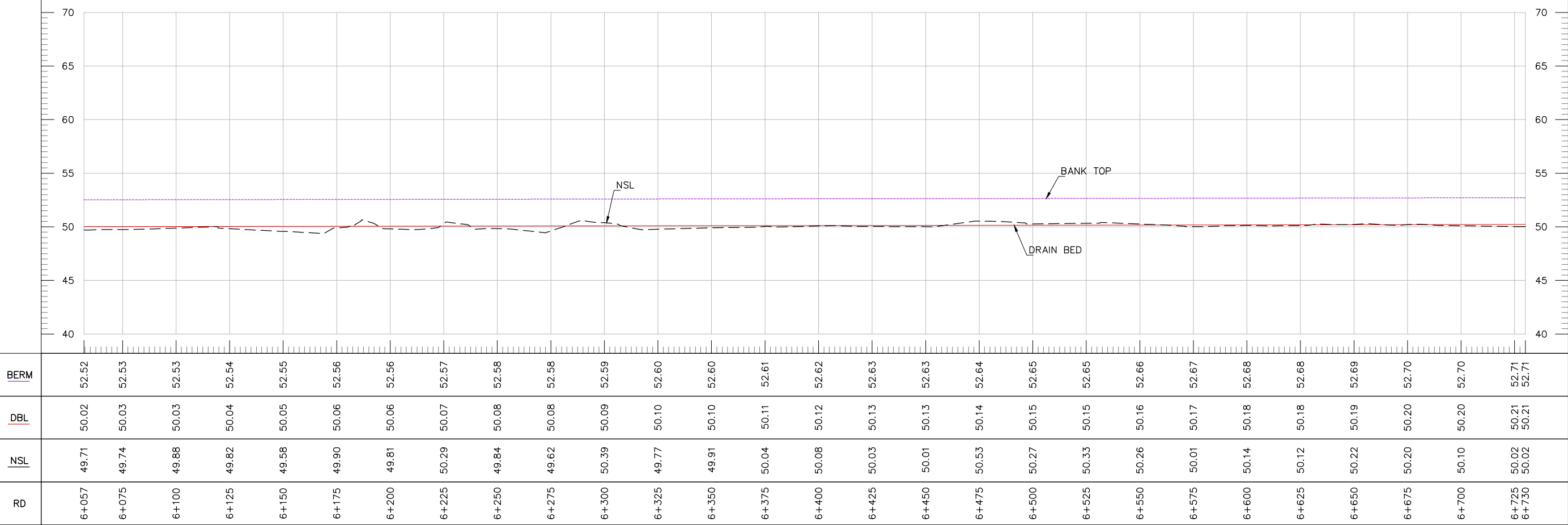


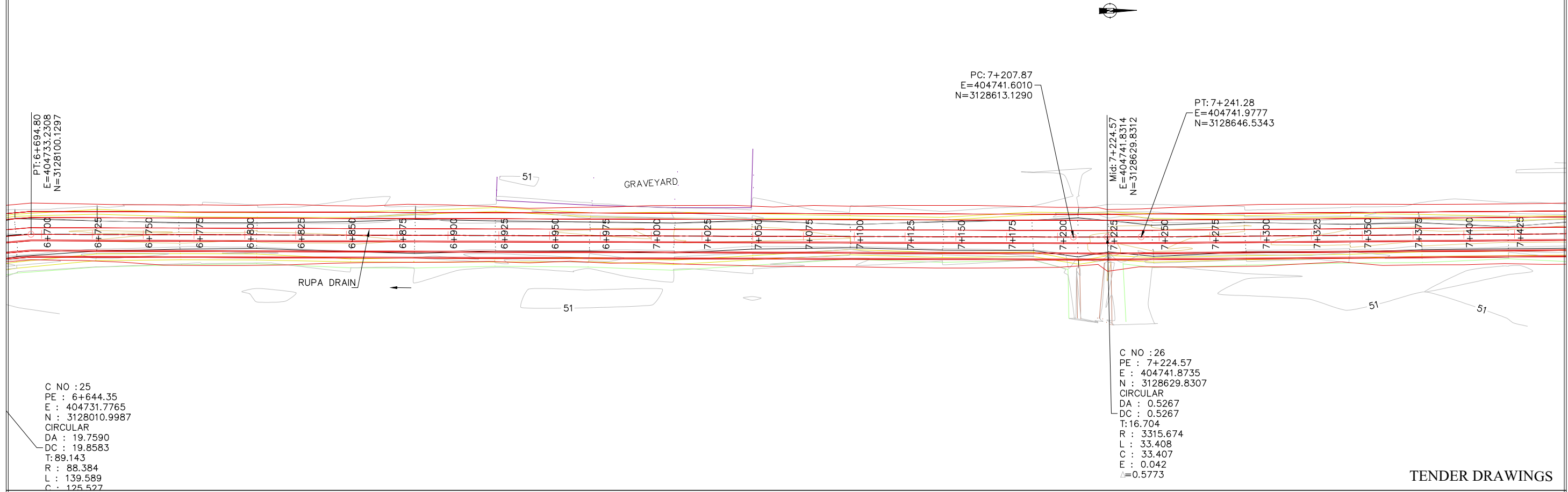
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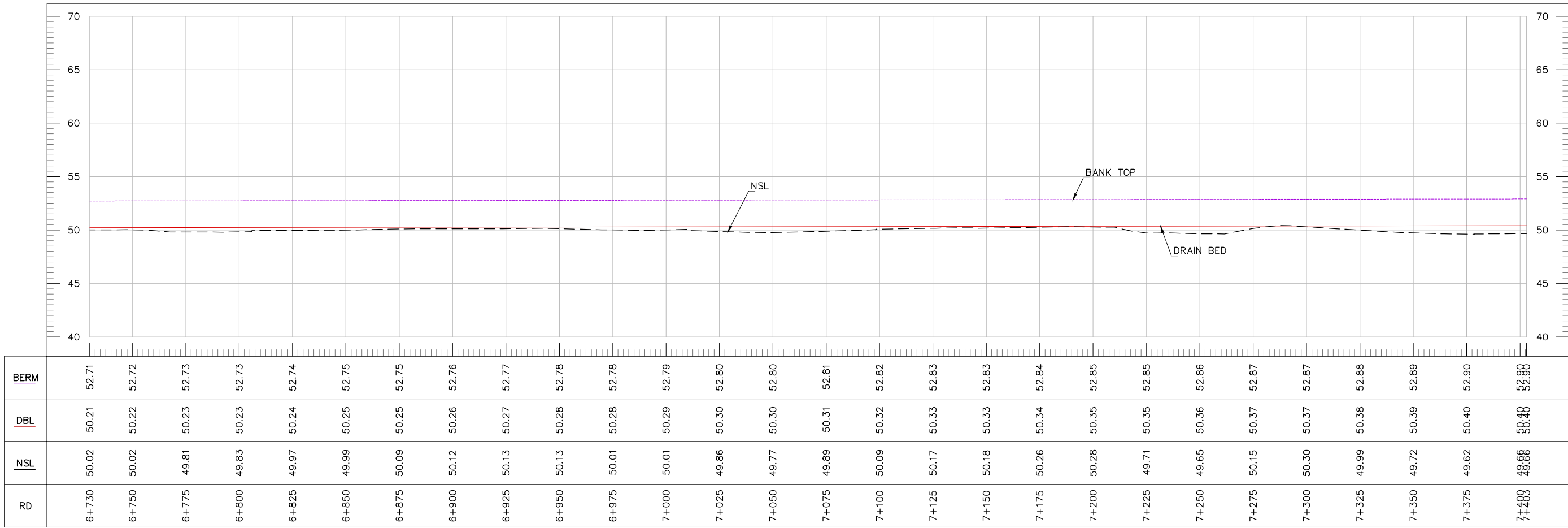


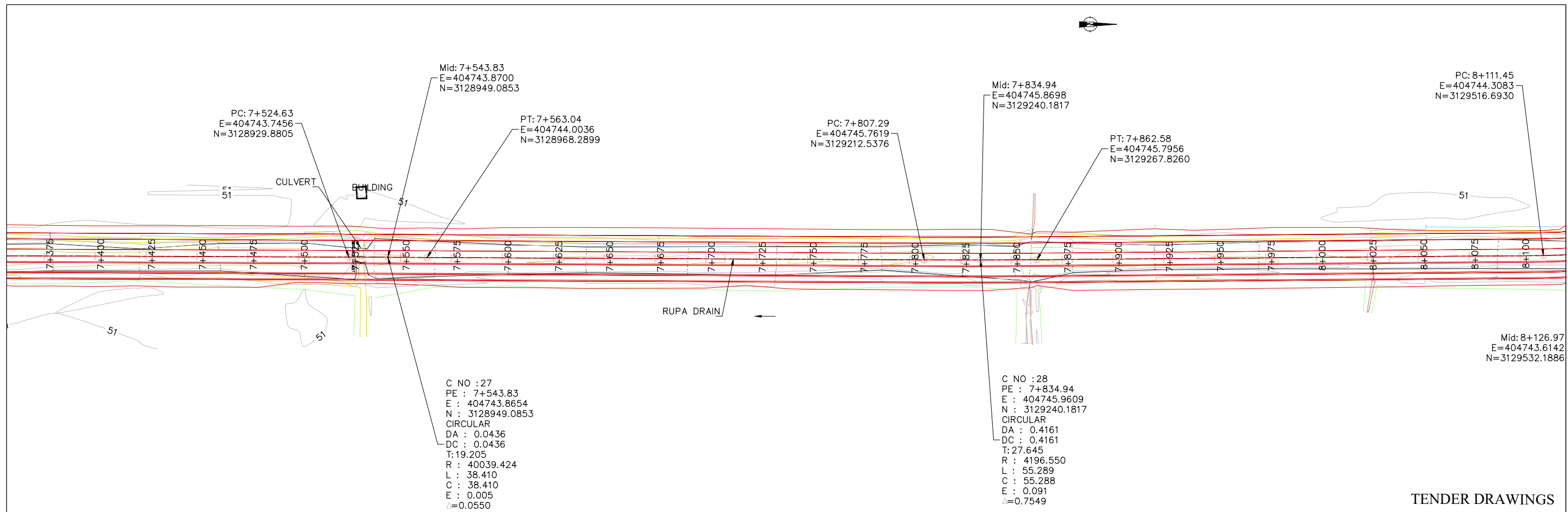
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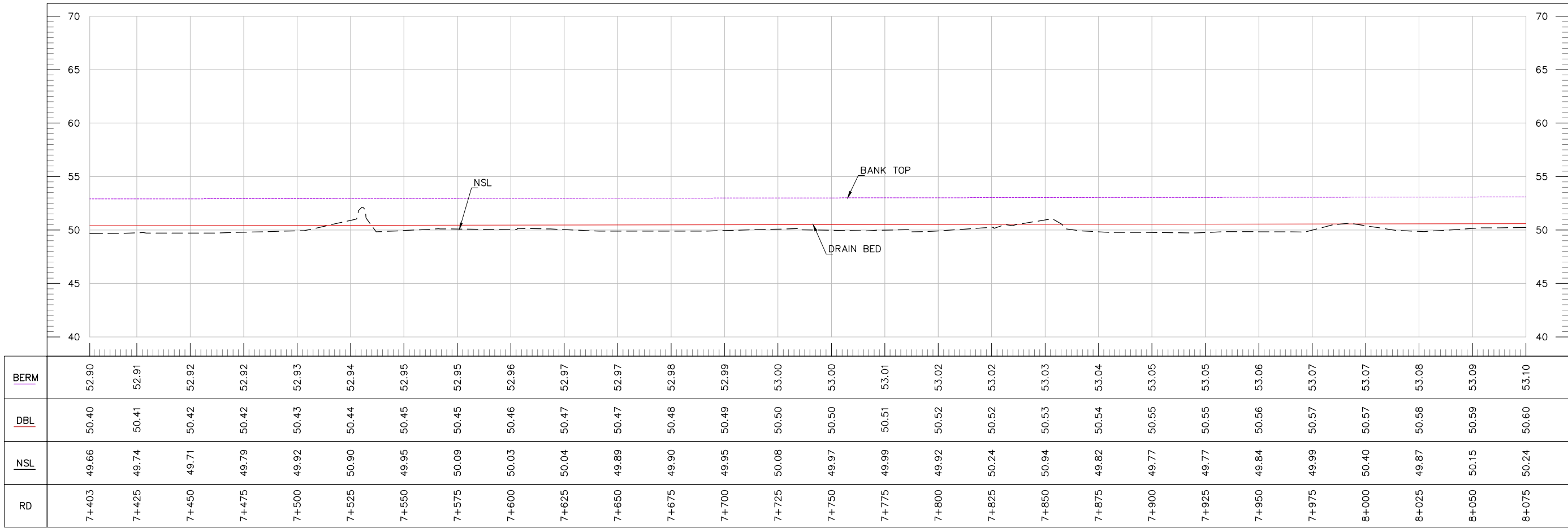


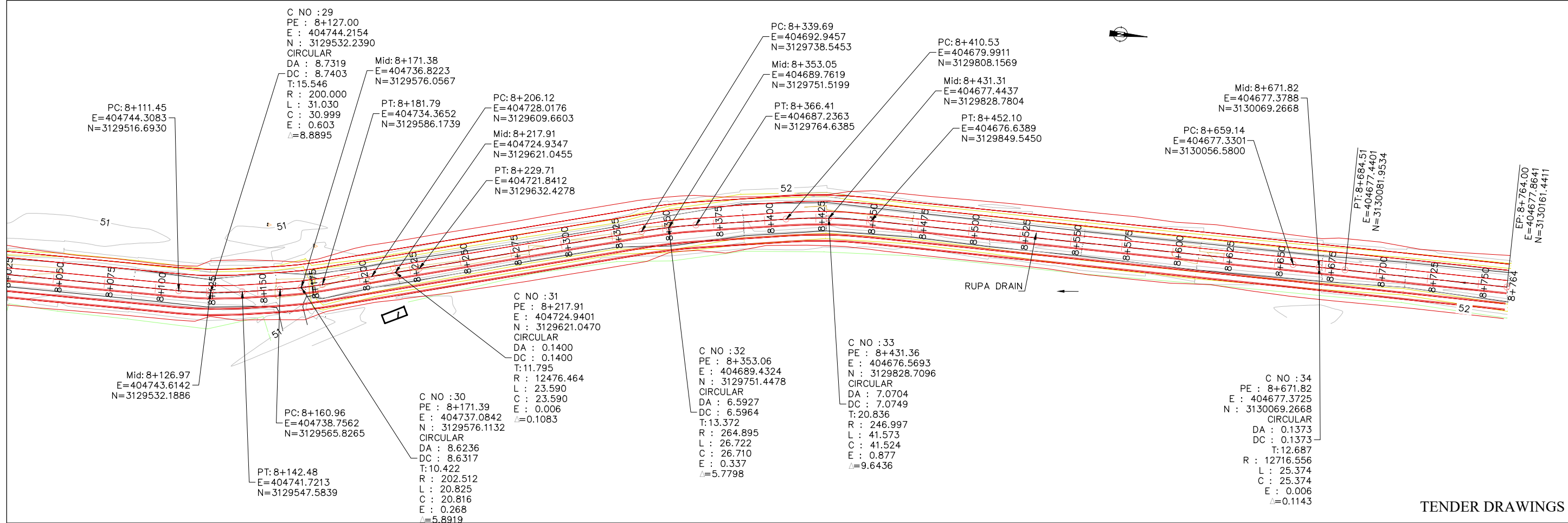
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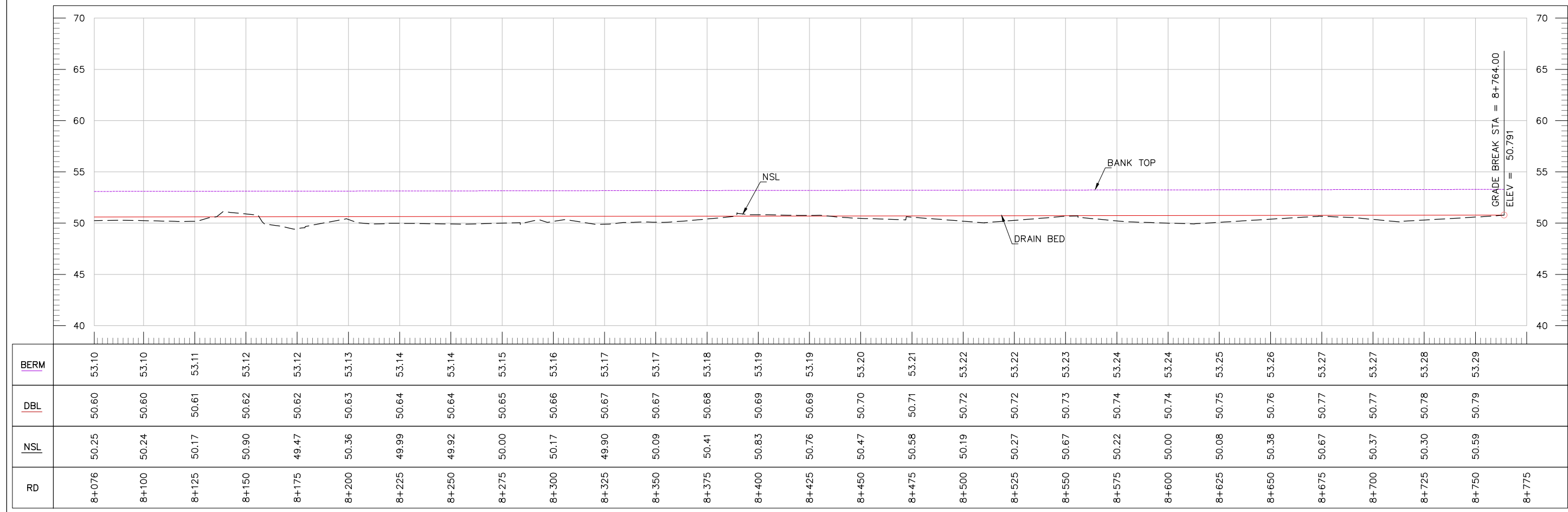


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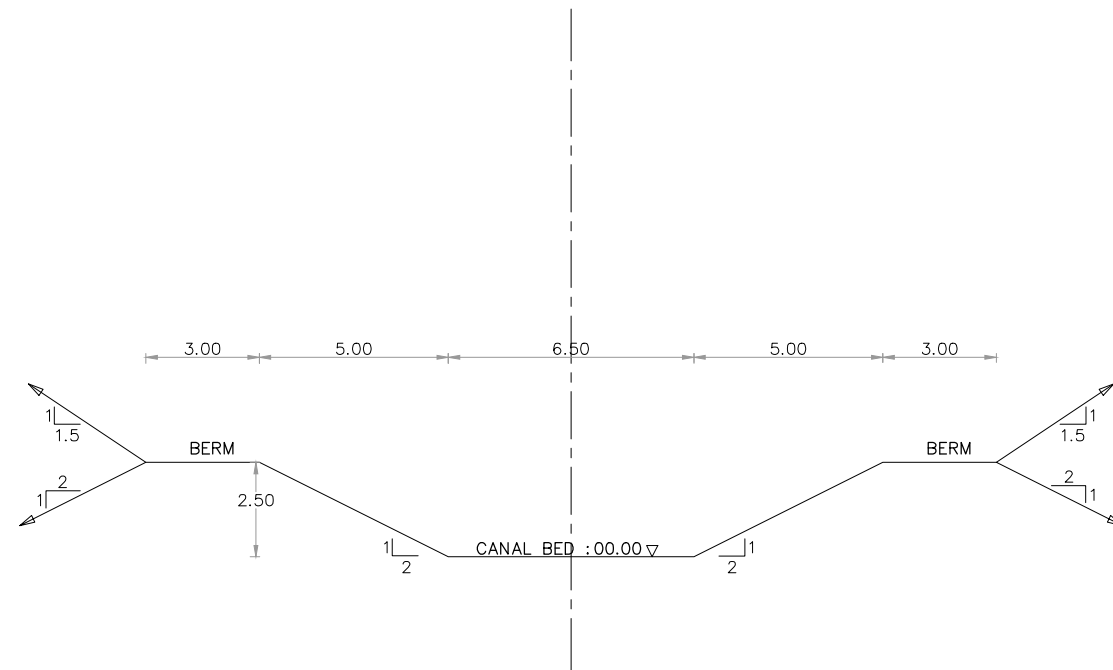




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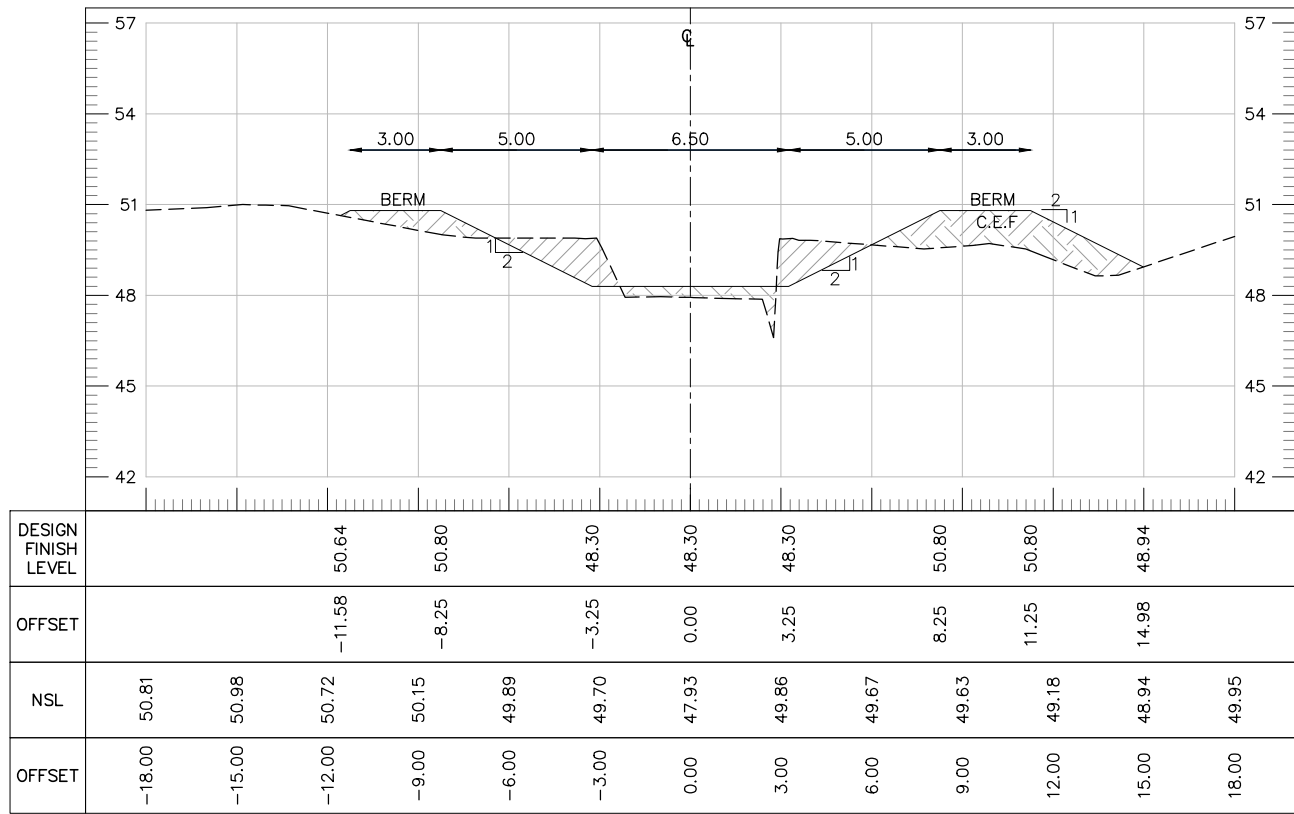
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DBL	50.60	50.60	50.61	50.62	50.62	50.63	50.64	50.64	50.65	50.66	50.67	50.67	50.68	50.69	50.69	50.70	50.71	50.72	50.72	50.73	50.74	50.74	50.75	50.76	50.77	50.77	50.78	50.79
NSL	50.25	50.24	50.17	50.90	49.47	50.36	49.99	49.92	50.00	50.17	49.90	50.09	50.41	50.83	50.76	50.47	50.58	50.19	50.27	50.67	50.22	50.00	50.08	50.38	50.67	50.37	50.30	50.59
RD	8+076	8+100	8+125	8+150	8+175	8+200	8+225	8+250	8+275	8+300	8+325	8+350	8+375	8+400	8+425	8+450	8+475	8+500	8+525	8+550	8+575	8+600	8+625	8+650	8+675	8+700	8+725	8+750



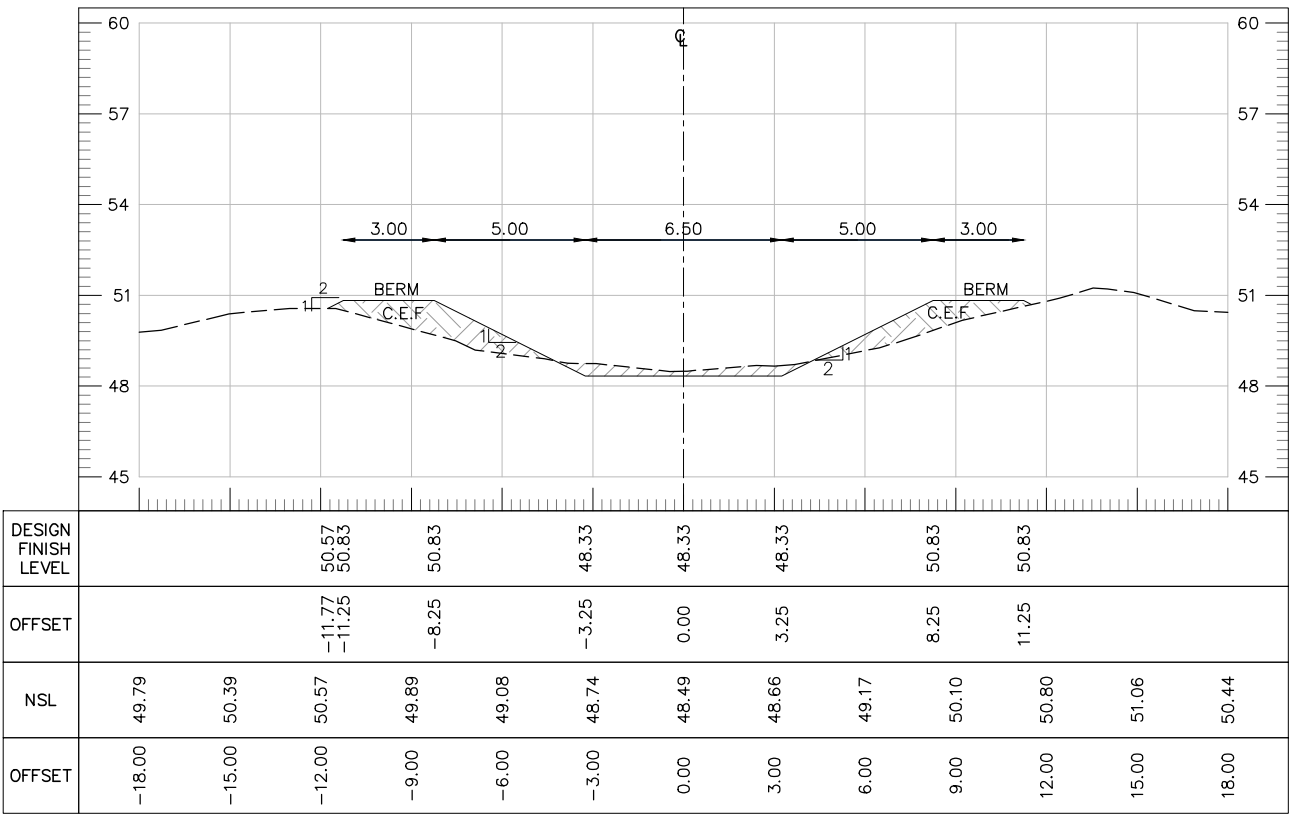
TYPICAL CROSS SECTION OF RUPA DRAIN AT
RD (0+000 TO 8+764)

TENDER DRAWINGS

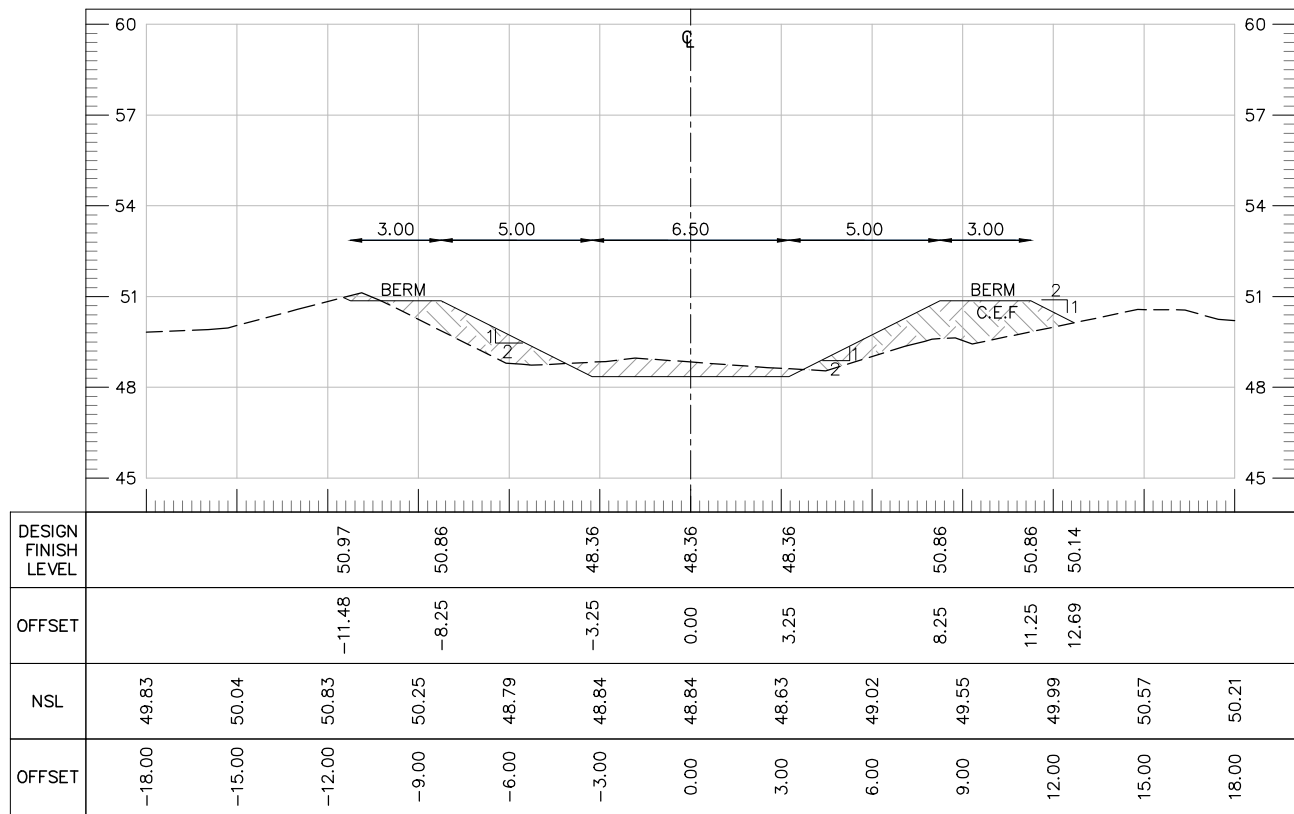
CLIENT:  IRRIGATION DEPARTMENT GOVERNMENT OF BALOCHISTAN	CONSULTANTS:  CAMEOS CONSULTANTS CONSULTING ENGINEERS ARCHITECTS & PLANNERS. PLOT NO.07 PARIS ARCADE STREET, NO. 36 E-11/3 MARKAZ ISLAMABAD. H. NO.38 CHAMAN HOUSING AIRPORT ROAD QUETTA.	PROJECT TITLE: INTEGRATED FLOOD RESILIENCE AND ADAPTATION PROJECT	SCHEME NAME: REHABILITATION OF MAIN DRAINS UMRANI, MAGSI & RUPA DRAIN IN DISTRICT NASEERABAD AND JAFFARABAD (PACKAGE-04)	DRAWING TITLE:- TYPICAL CROSS SECTION OF RUPA DRAIN	NOTES: ALL LEVELS AND DIMENSIONS ARE IN METERS UNLESS INDICATED OTHERWISE.	DRAWN BY: FAISAL / USAMA CHECKED BY: ZIA-UL-HAQ FILE PATH: G:/IFRAP DRAWING NO: IFRAP-P04/RUPA-14	DESIGNED BY: KAMRAN BABAR SCALE: 1:250 DATE: Feb-26 SHEET:- 01 OF 24
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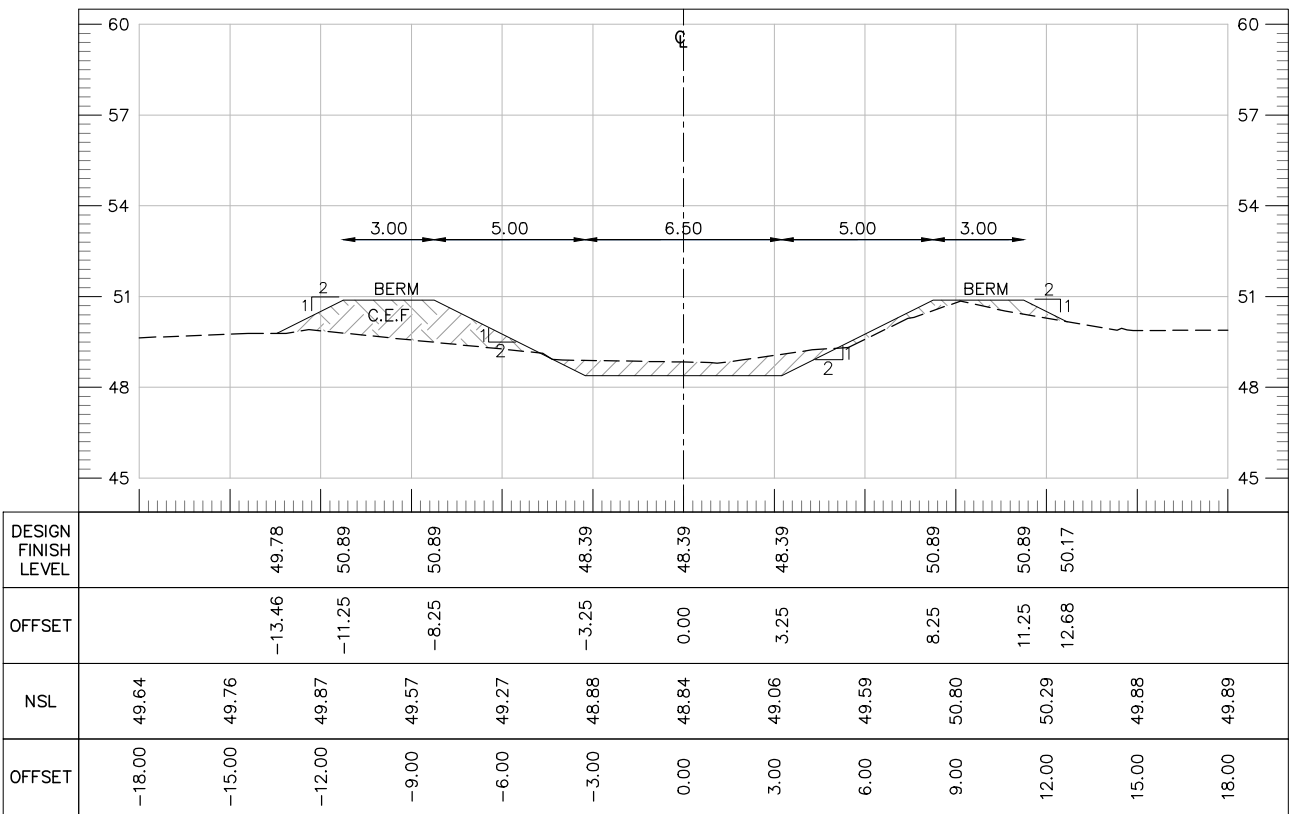
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AT RD 0+100.00

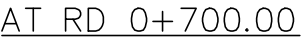
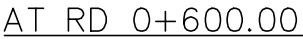
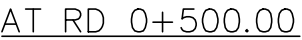
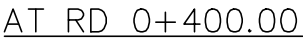


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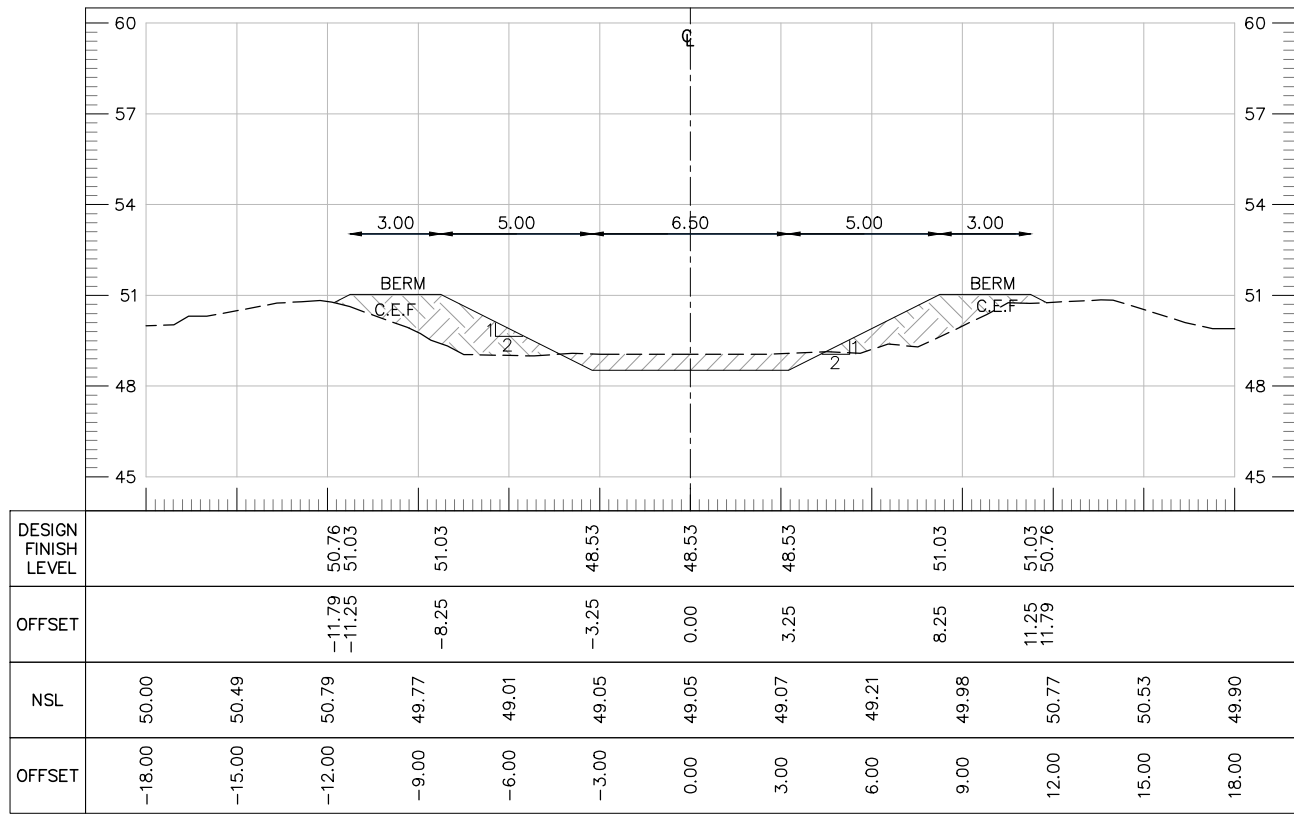
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TENDER DRAWINGS

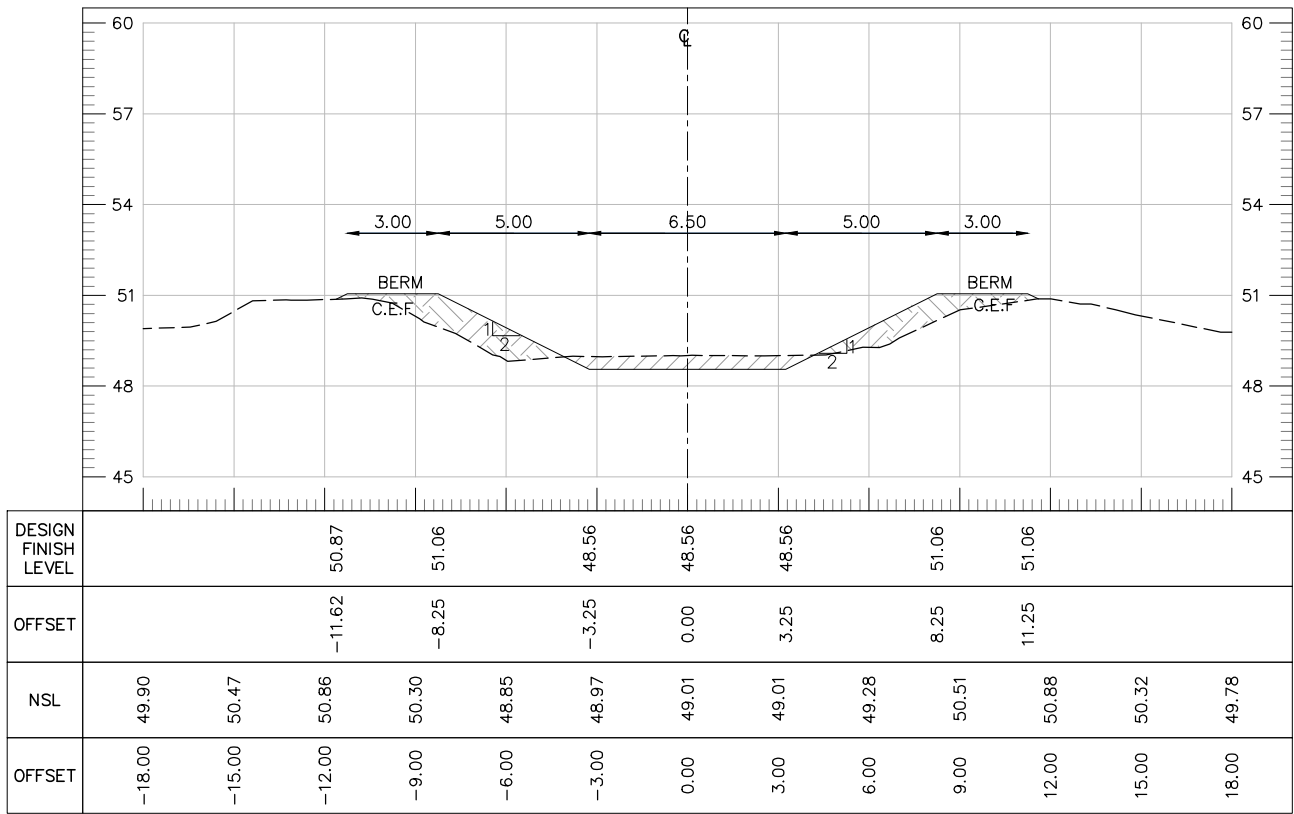


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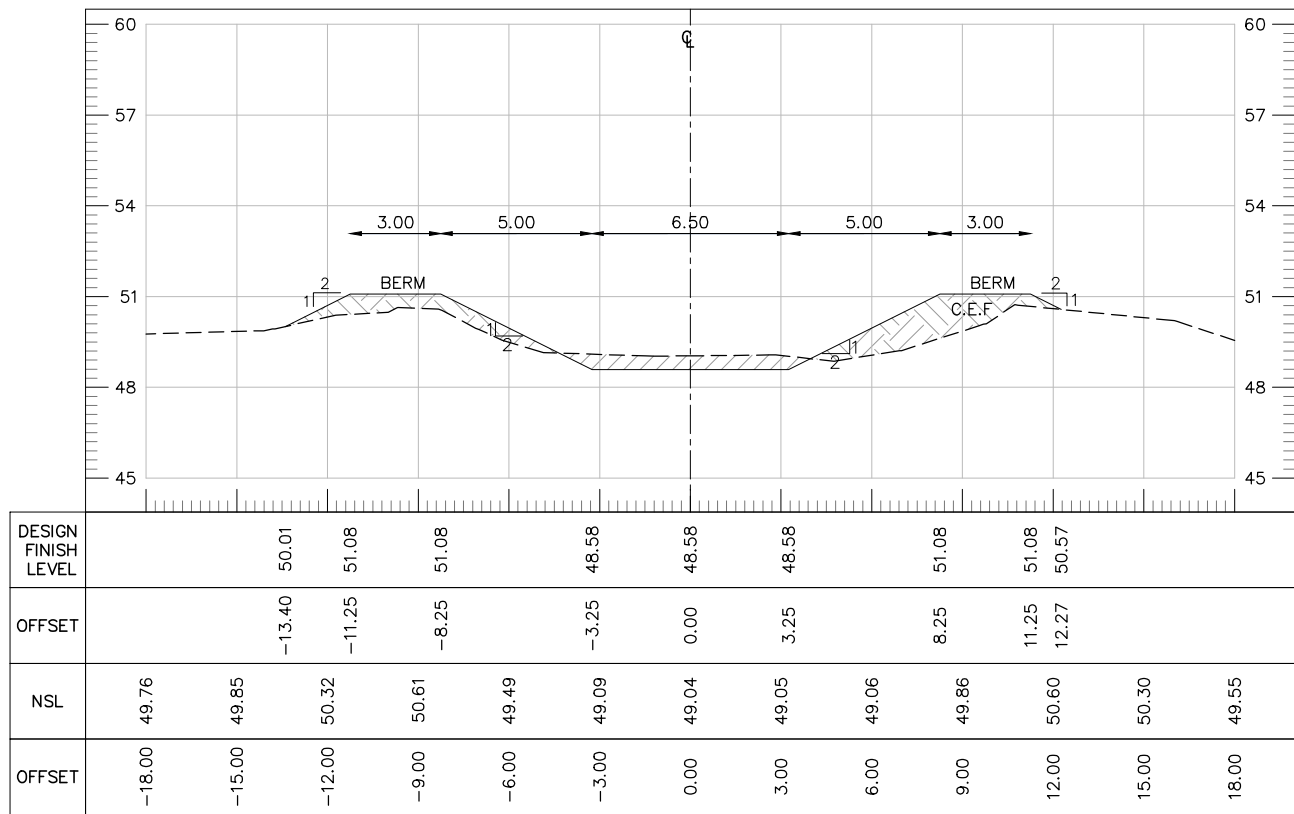
CLIENT:  IRRIGATION DEPARTMENT GOVERNMENT OF BALOCHISTAN	CONSULTANTS:  CAMEOS CONSULTANTS CONSULTING ENGINEERS, ARCHITECTS & PLANNERS. PLOT NO.07 PARIS ARCADE STREET, NO. 36 E-11/3 MARKAZ ISLAMABAD. H. NO.38 CHAMAN HOUSING AIRPORT ROAD QUETTA.	PROJECT TITLE: INTEGRATED FLOOD RESILIENCE AND ADAPTATION PROJECT	SCHEME NAME: REHABILITATION OF MAIN DRAINS UMRANI, MAGSI & RUPA DRAIN IN DISTRICT NASEERABAD AND JAFFARABAD (PACKAGE-04)	DRAWING TITLE:- CROSS SECTION OF RUPA DRAIN AT RD (0+400 TO 0+700)	NOTES: ALL LEVELS AND DIMENSIONS ARE IN METERS UNLESS INDICATED OTHERWISE.	<table border="1"> <tr> <td>DRAWN BY:</td> <td>FAISAL / USAMA</td> <td>DESIGNED BY:</td> <td>KAMRAN BABAR</td> </tr> <tr> <td>CHECKED BY:</td> <td>ZIA-UL-HAQ</td> <td>SCALE:</td> <td>1:250</td> </tr> <tr> <td>FILE PATH:</td> <td>G\ IFRAP</td> <td>DATE:</td> <td>Feb-26</td> </tr> <tr> <td>DRAWING NO:</td> <td>IFRAP-P04/RUPA-16</td> <td>SHEET:-</td> <td>03 OF 24</td> </tr> </table>	DRAWN BY:	FAISAL / USAMA	DESIGNED BY:	KAMRAN BABAR	CHECKED BY:	ZIA-UL-HAQ	SCALE:	1:250	FILE PATH:	G\ IFRAP	DATE:	Feb-26	DRAWING NO:	IFRAP-P04/RUPA-16	SHEET:-	03 OF 24
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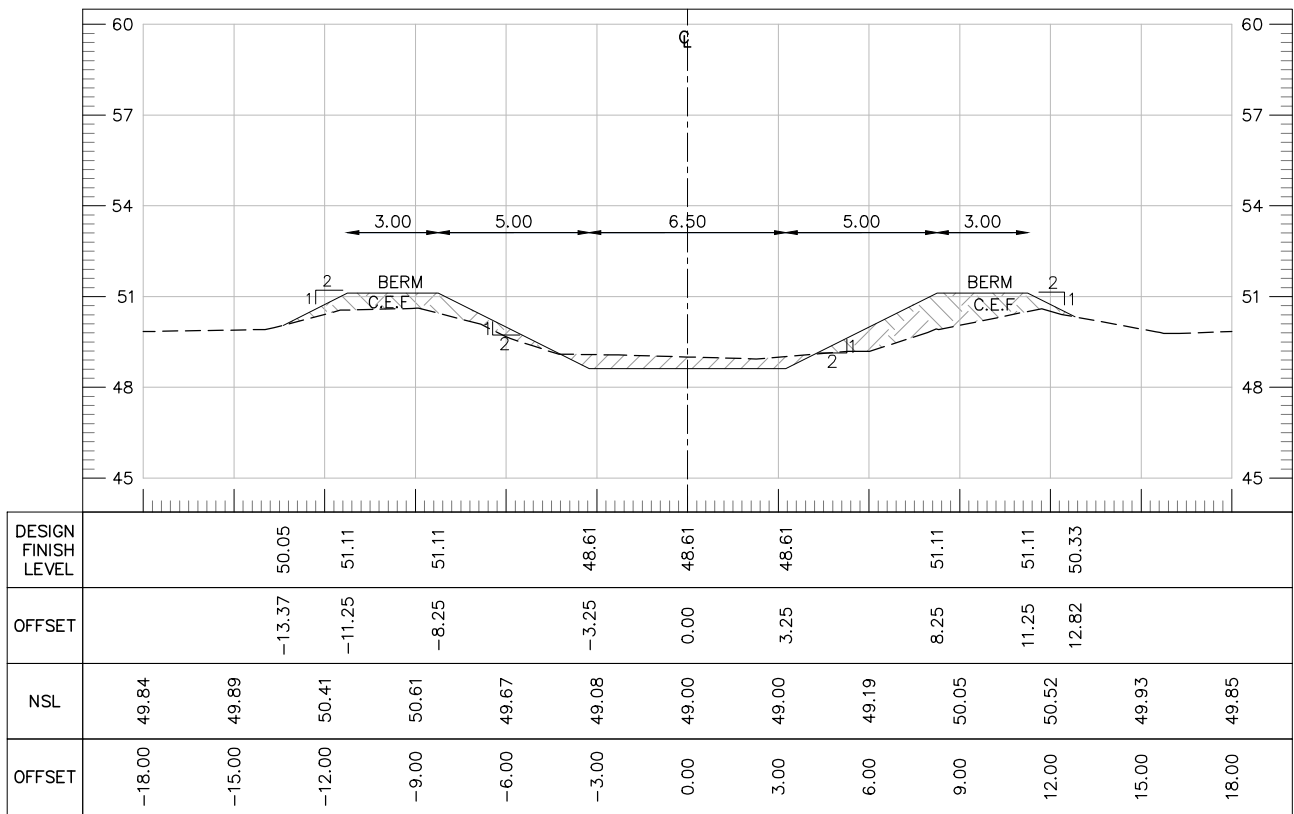
AT RD 0+800.00



AT RD 0+900.00

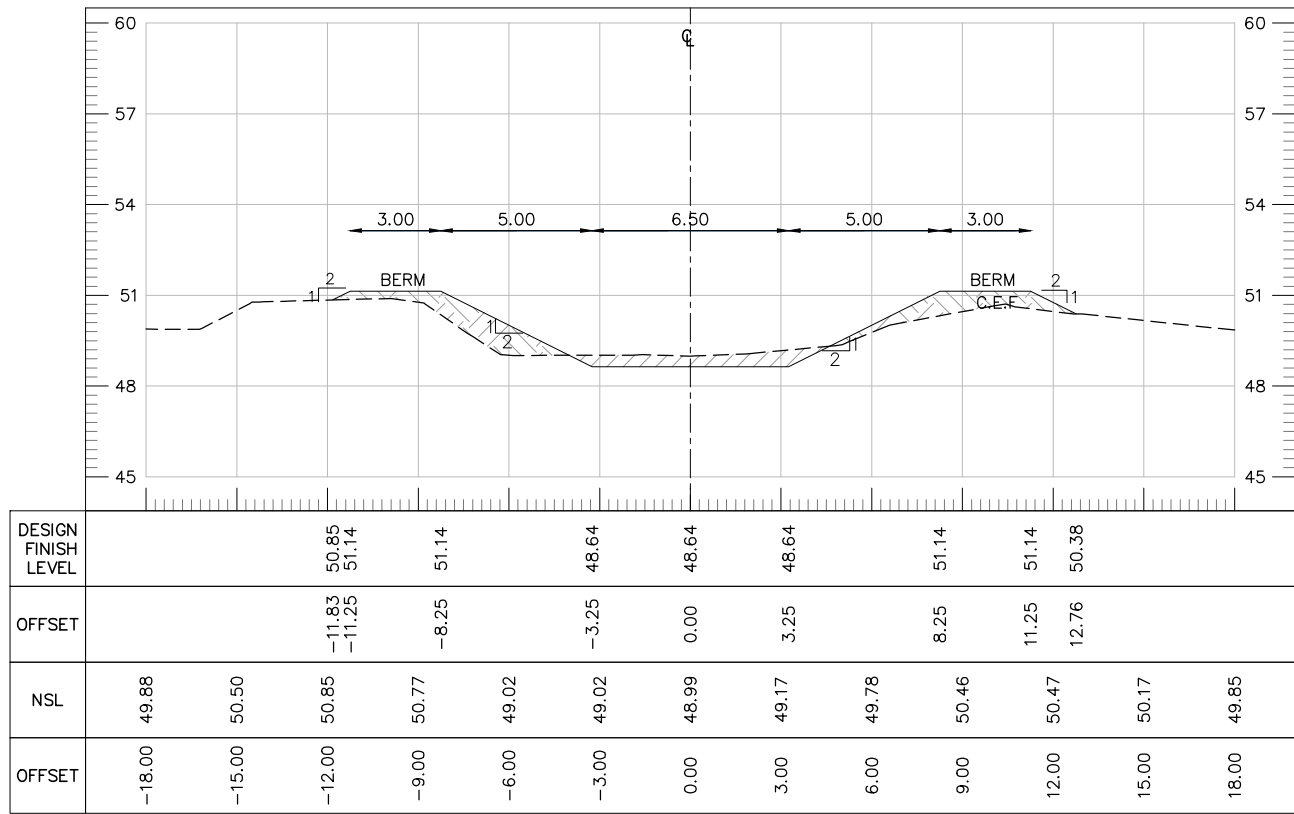


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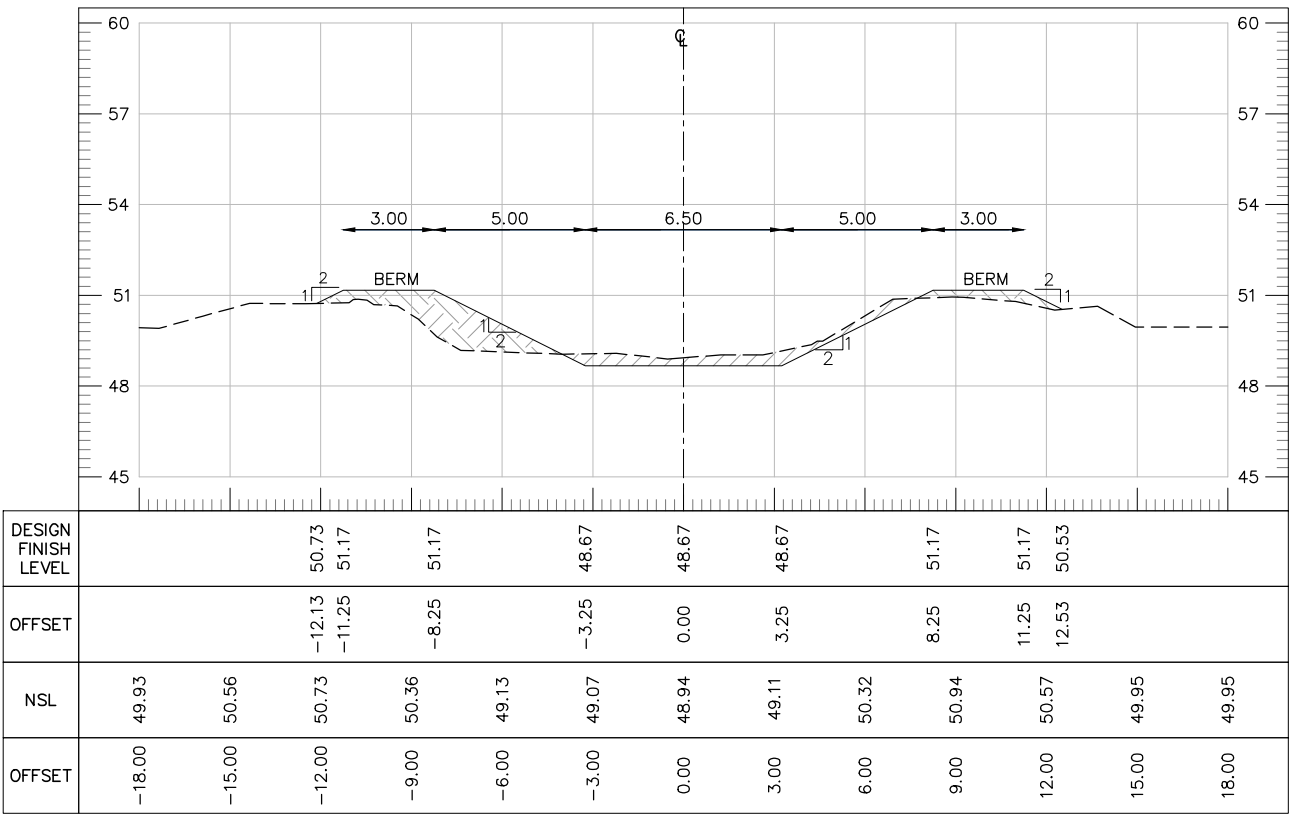


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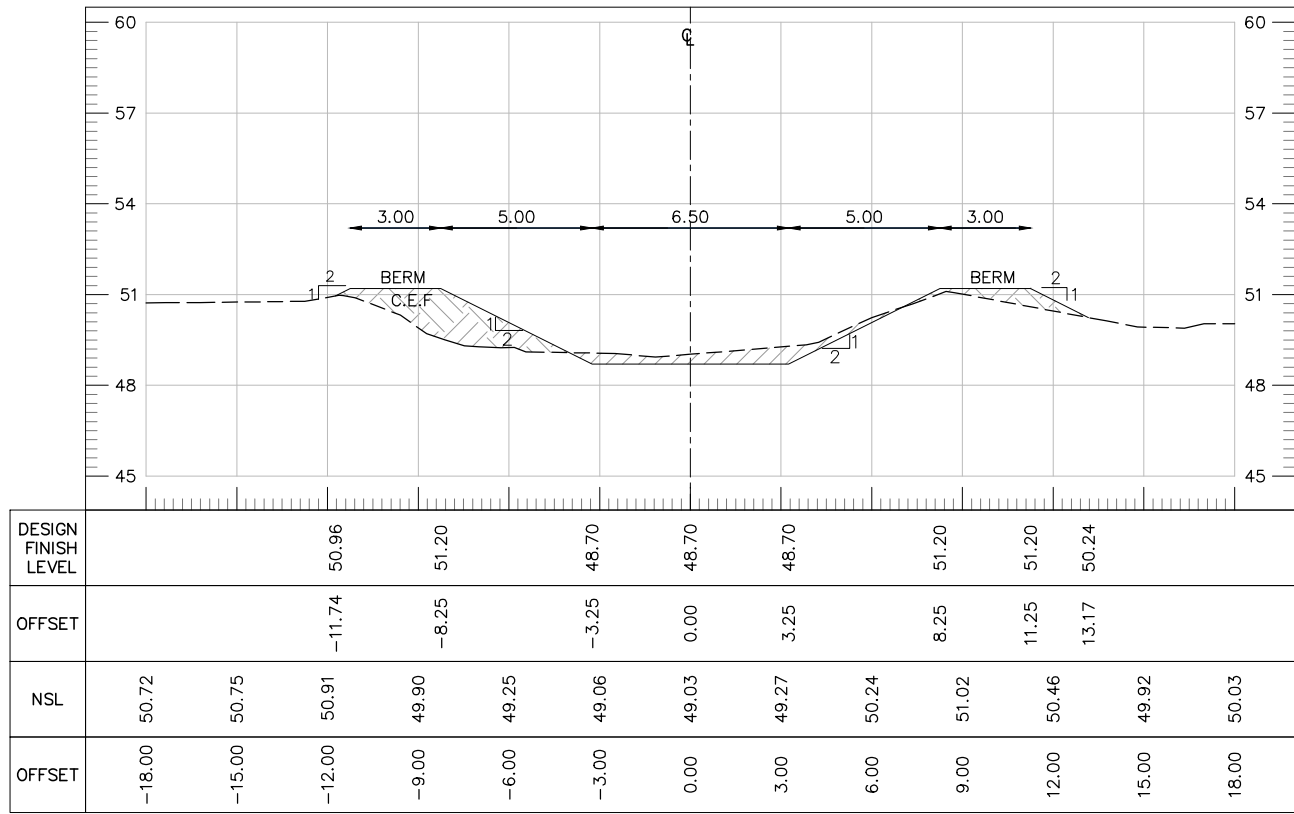
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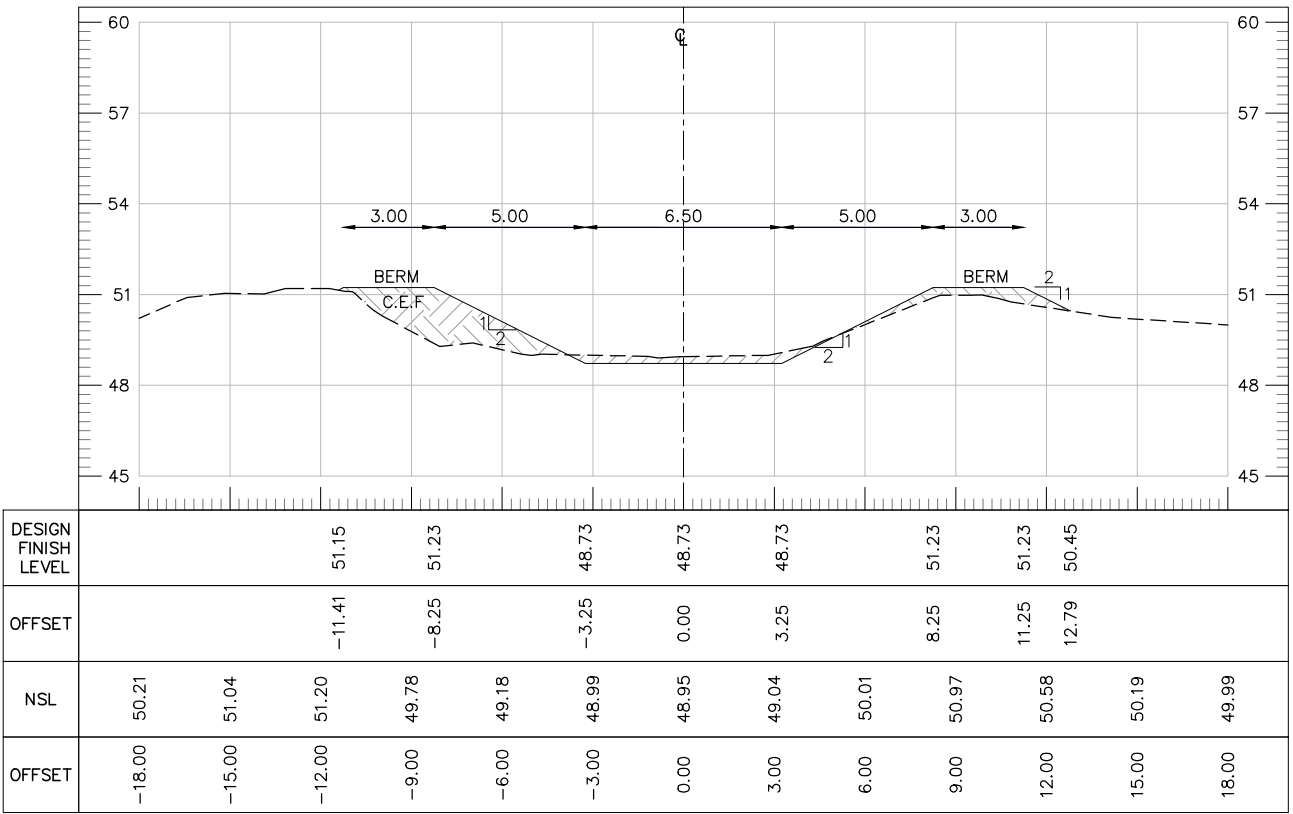
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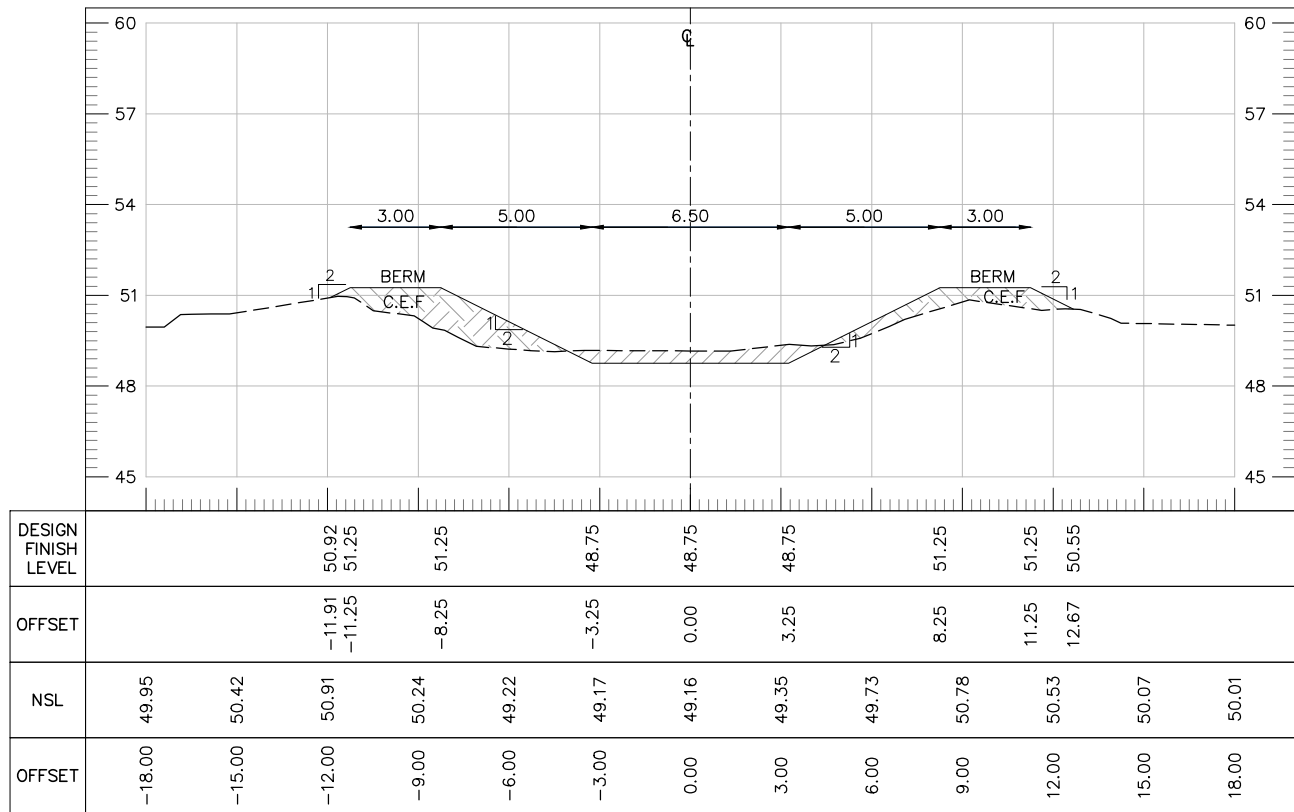


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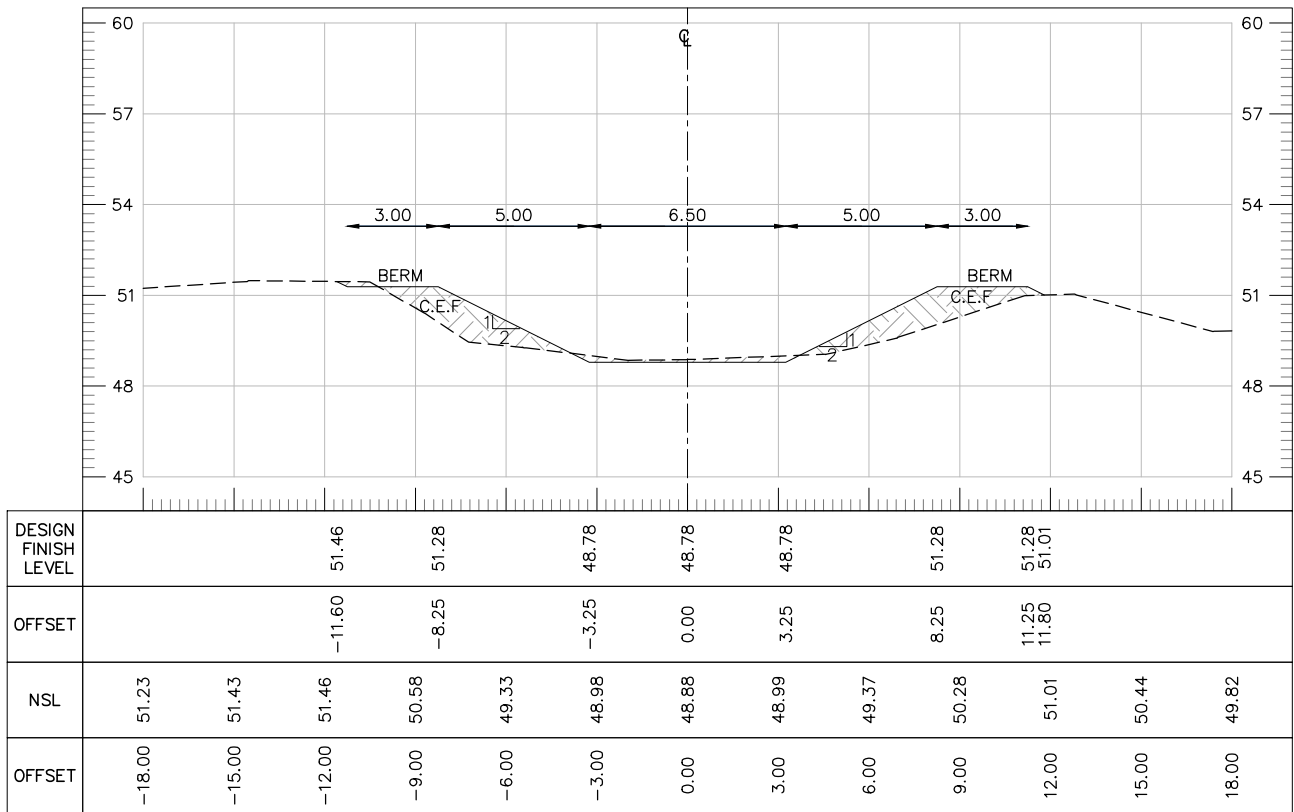


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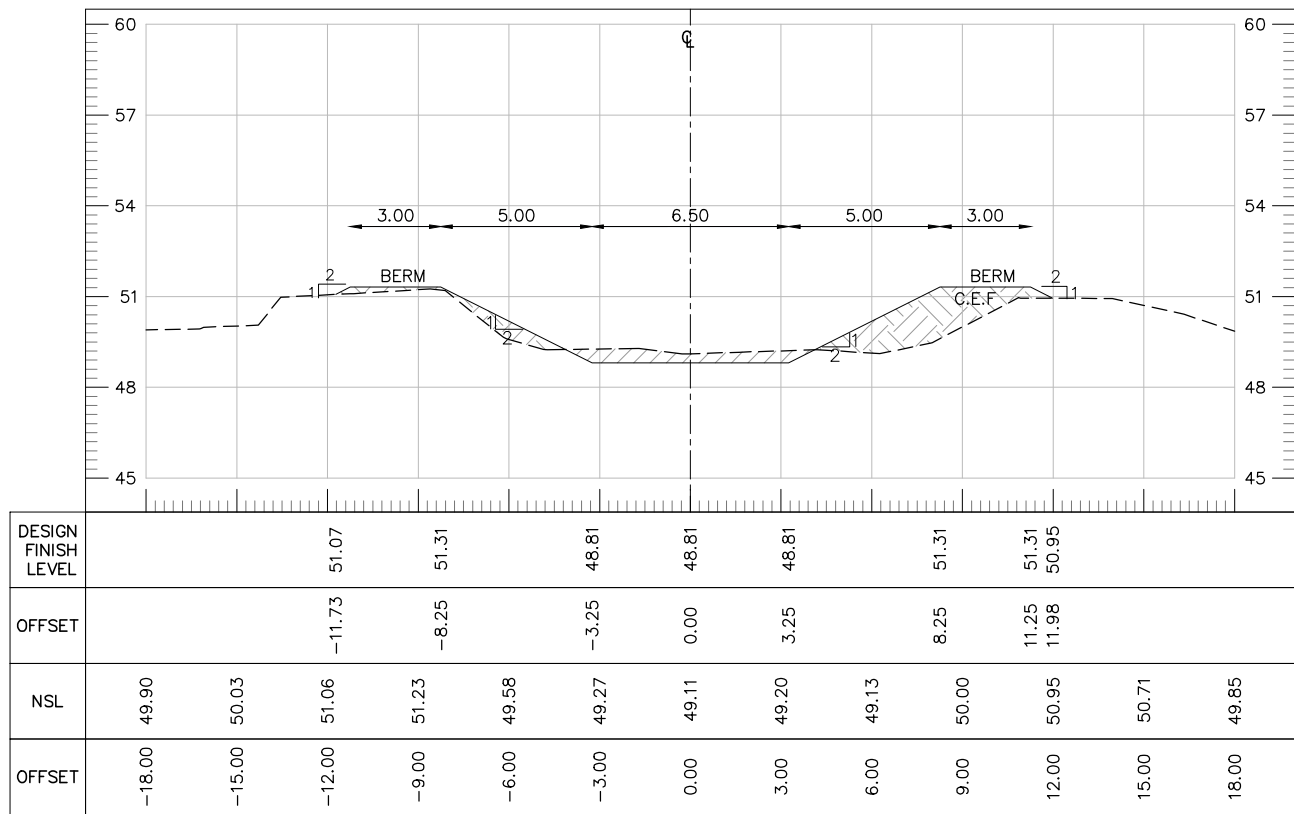
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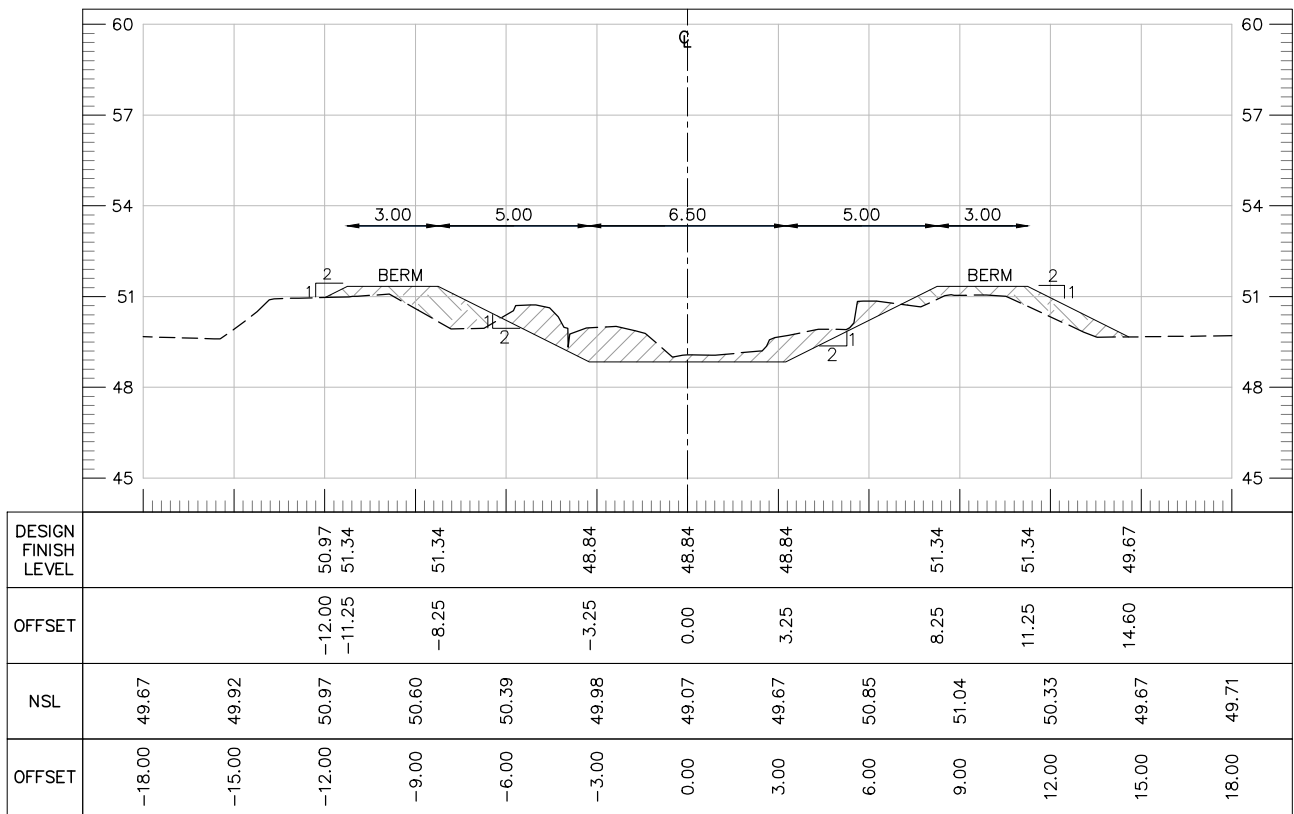
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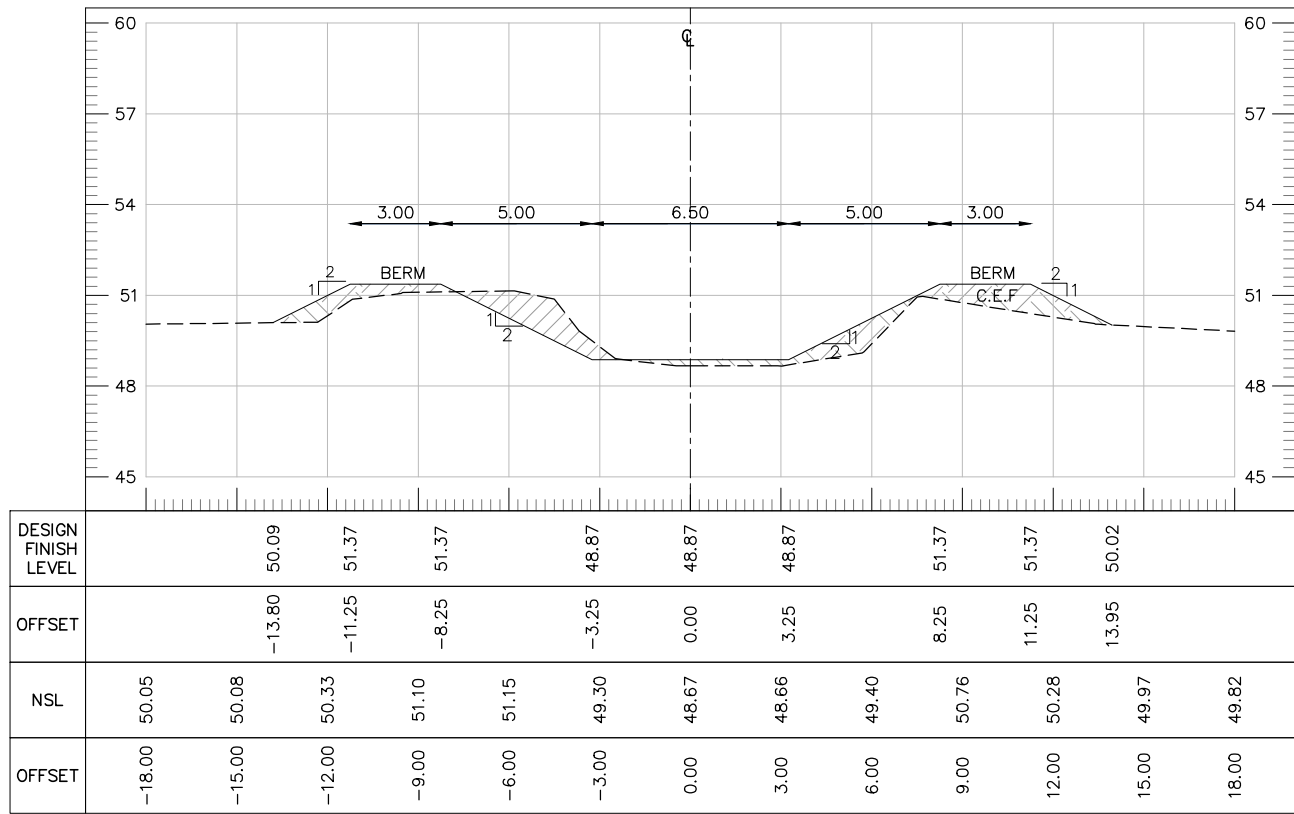


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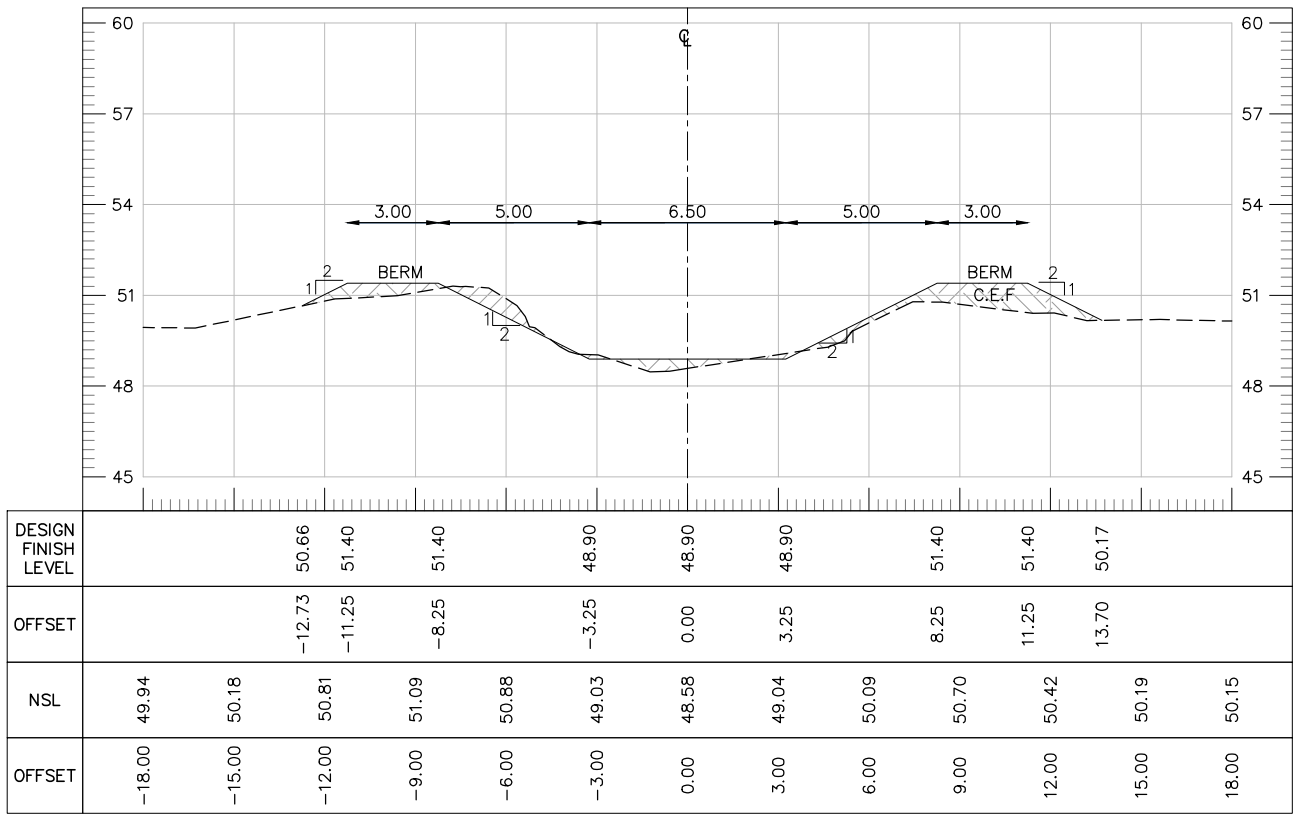


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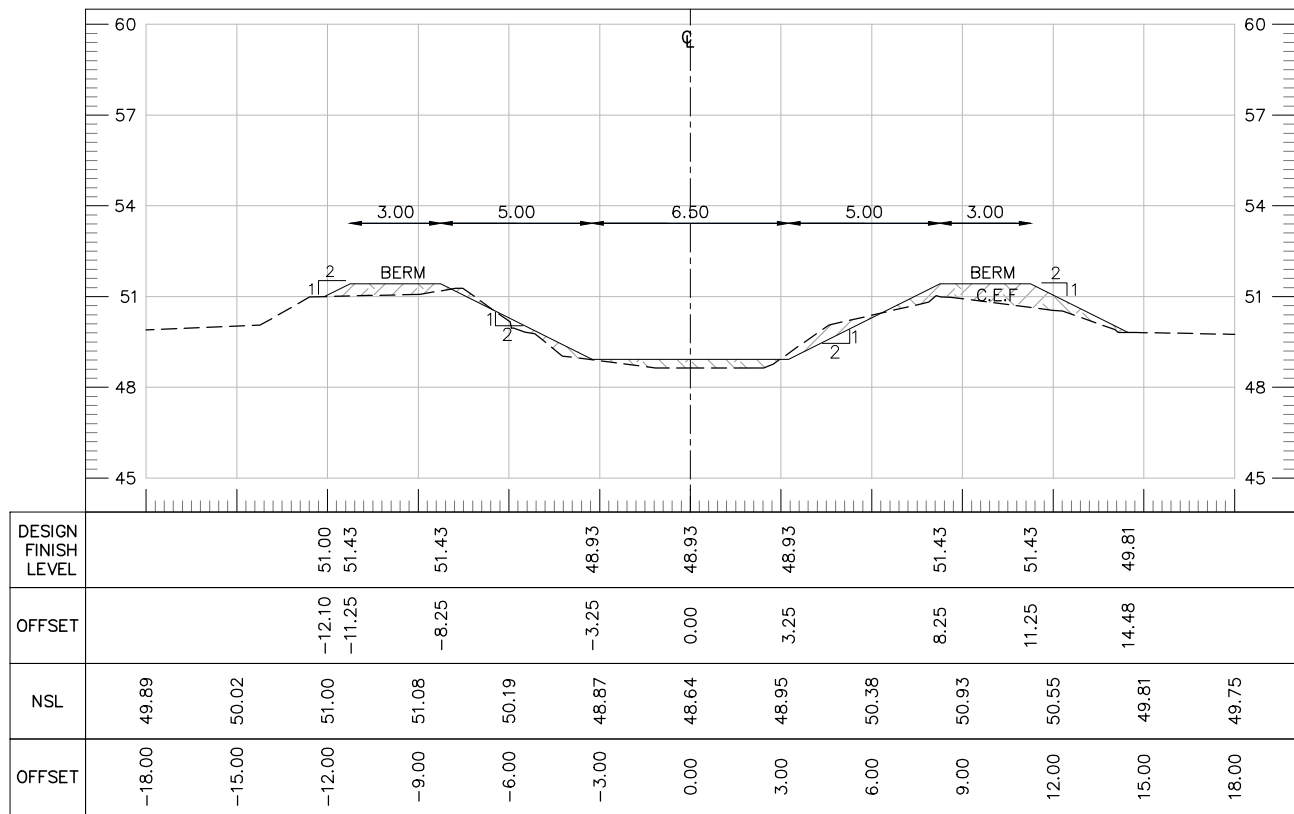
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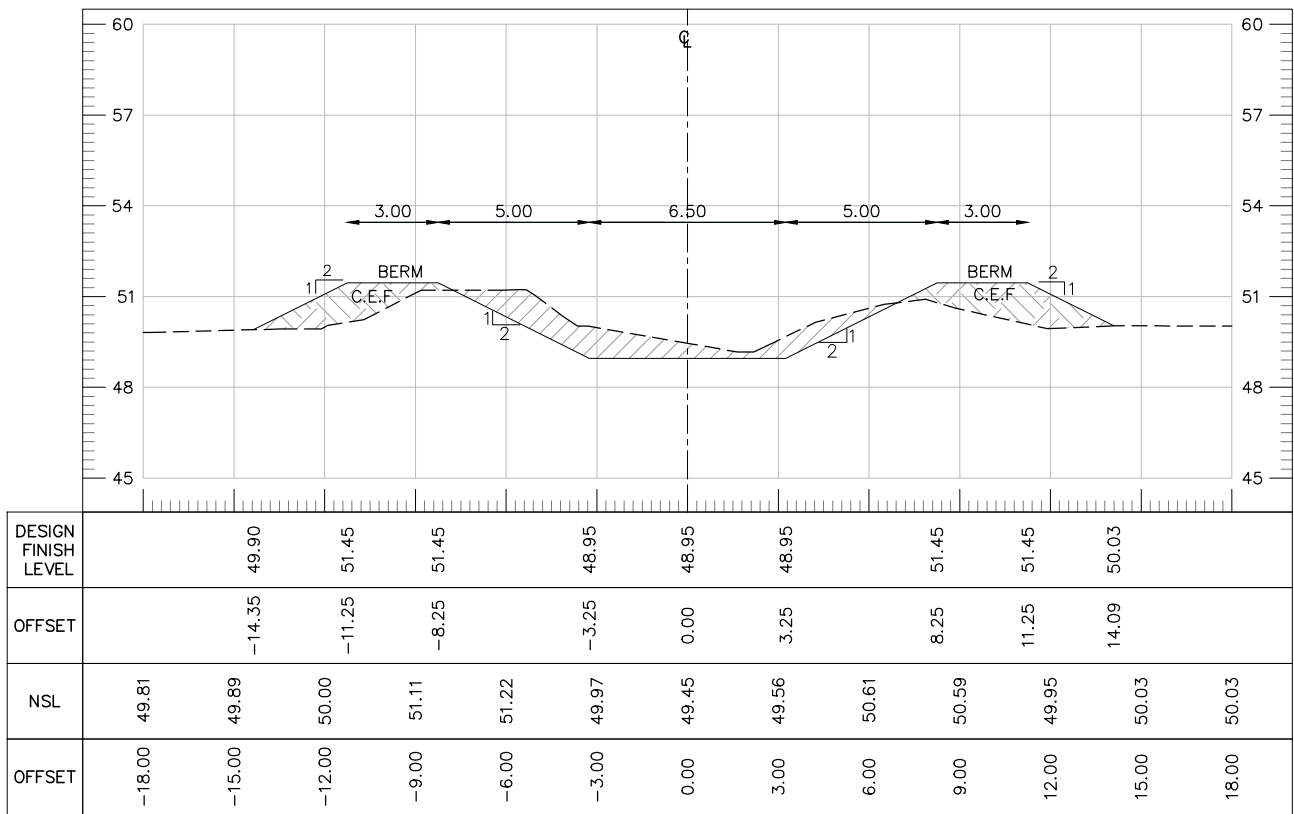
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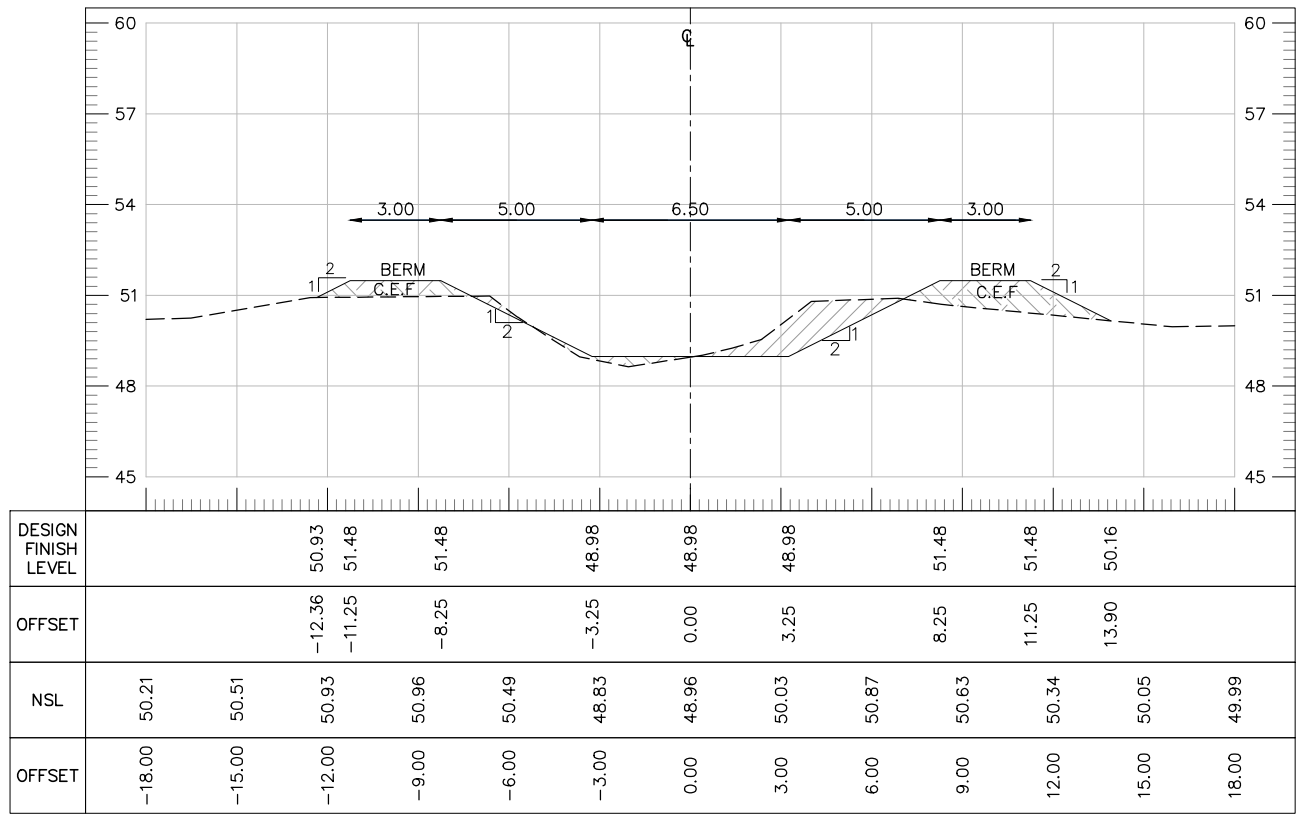


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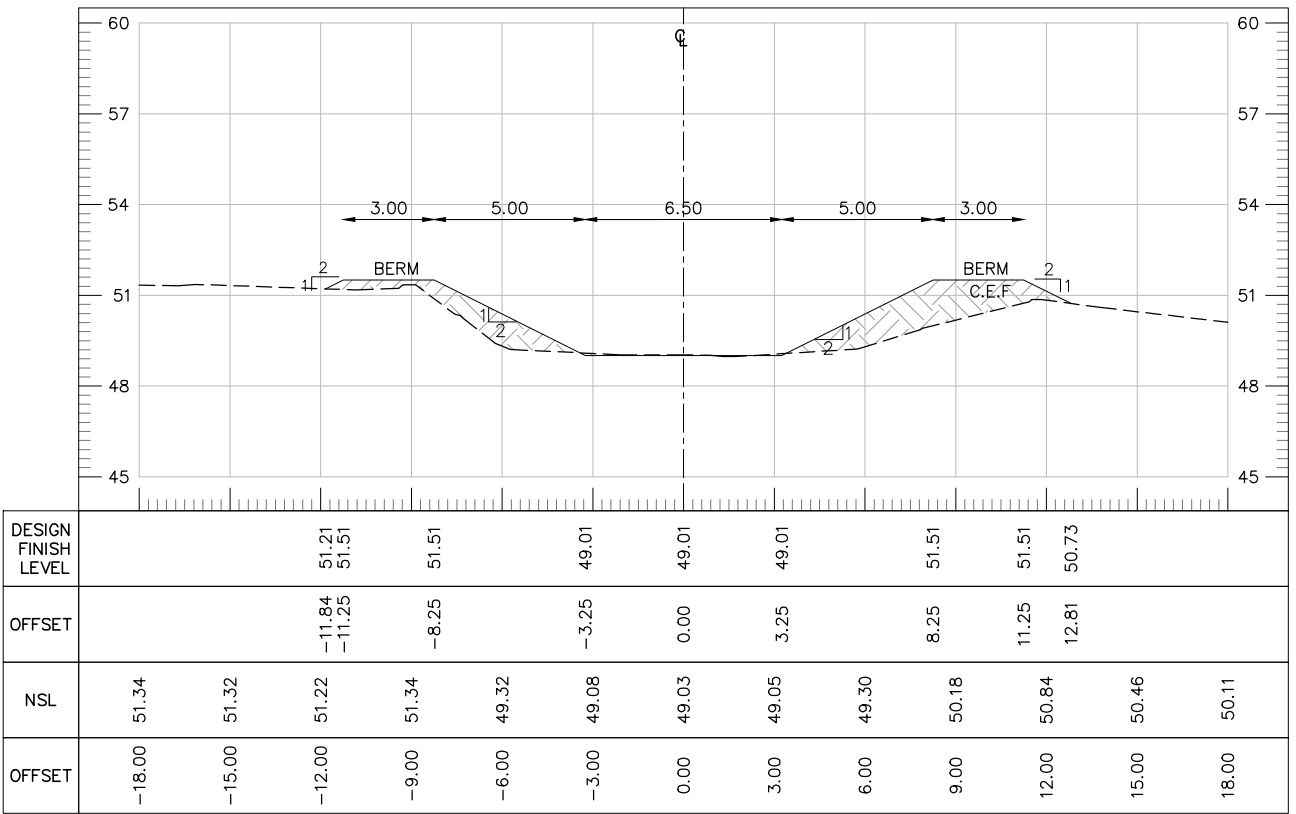


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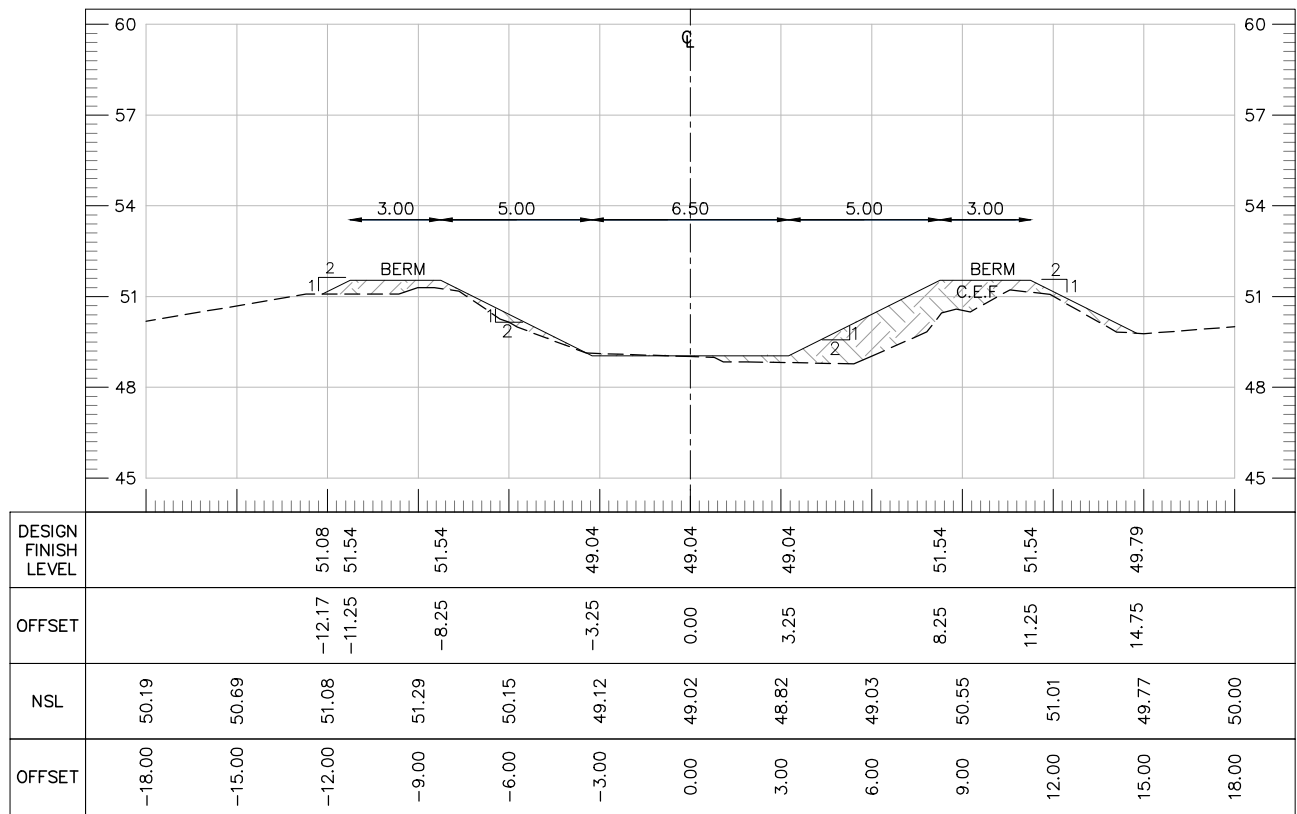
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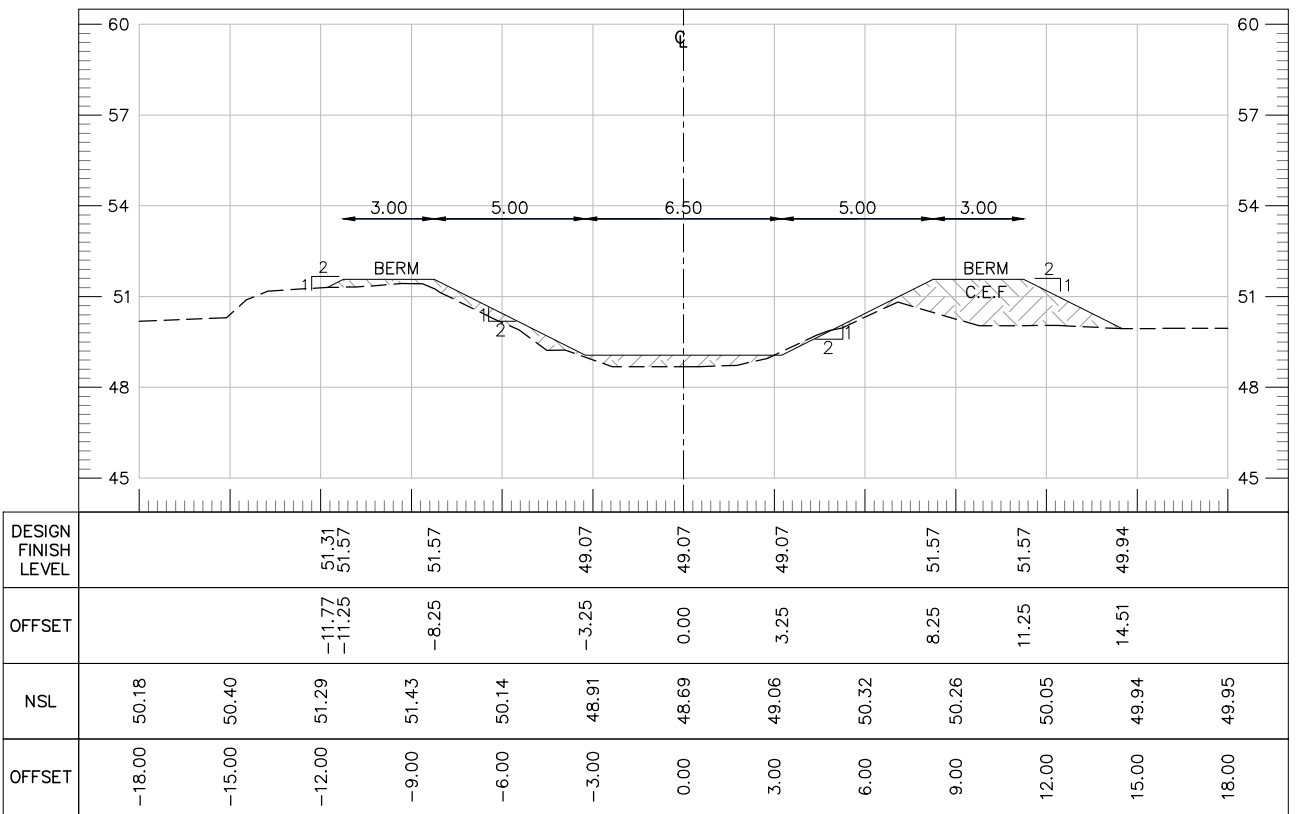
AT RD 2+400.00



AT RD 2+500.00

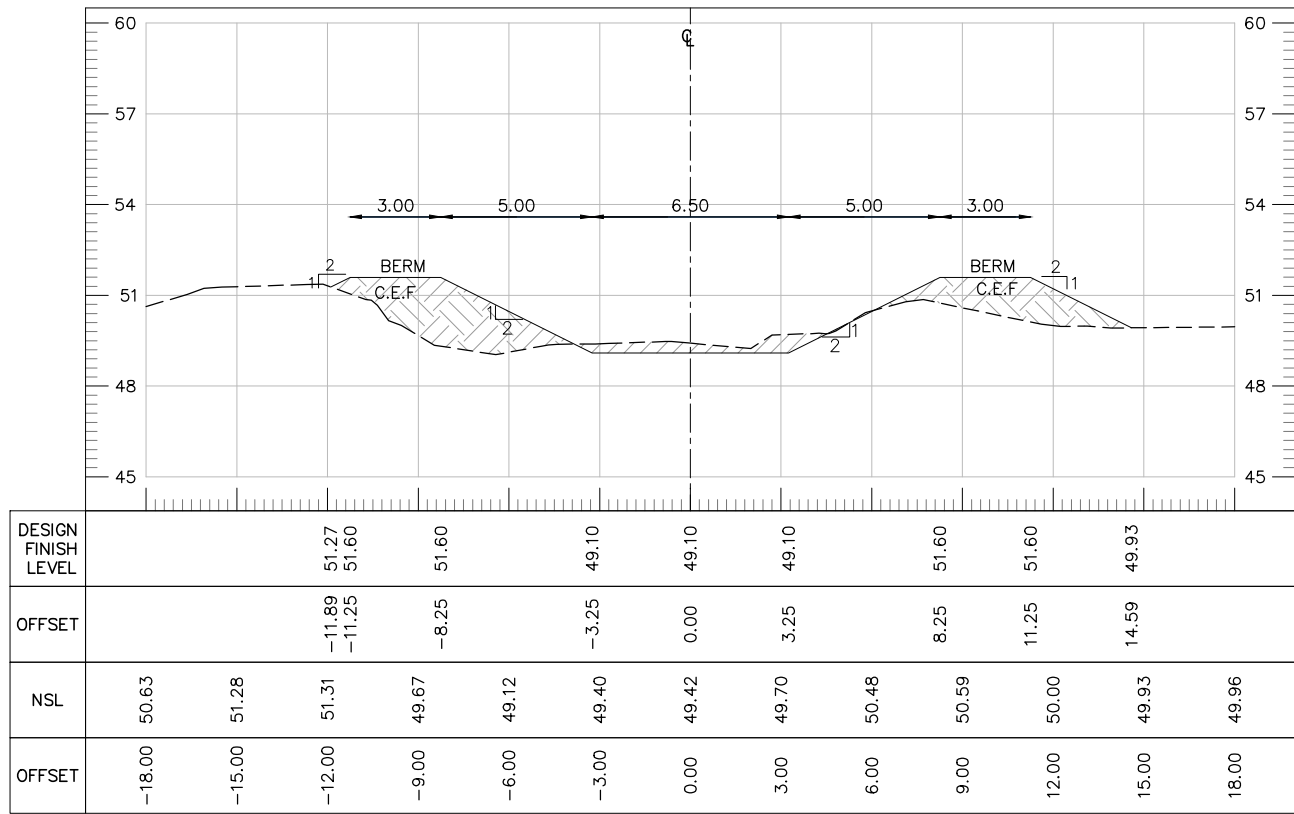


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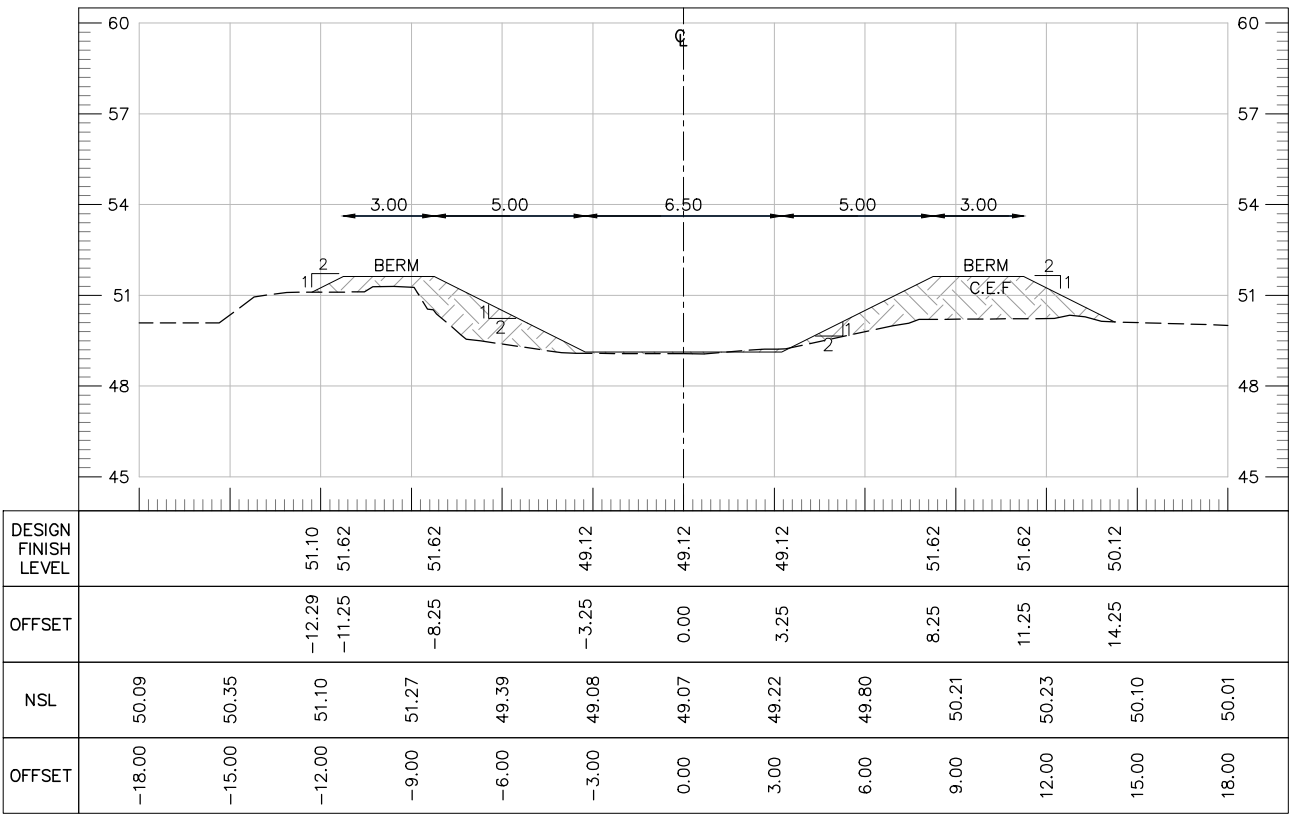


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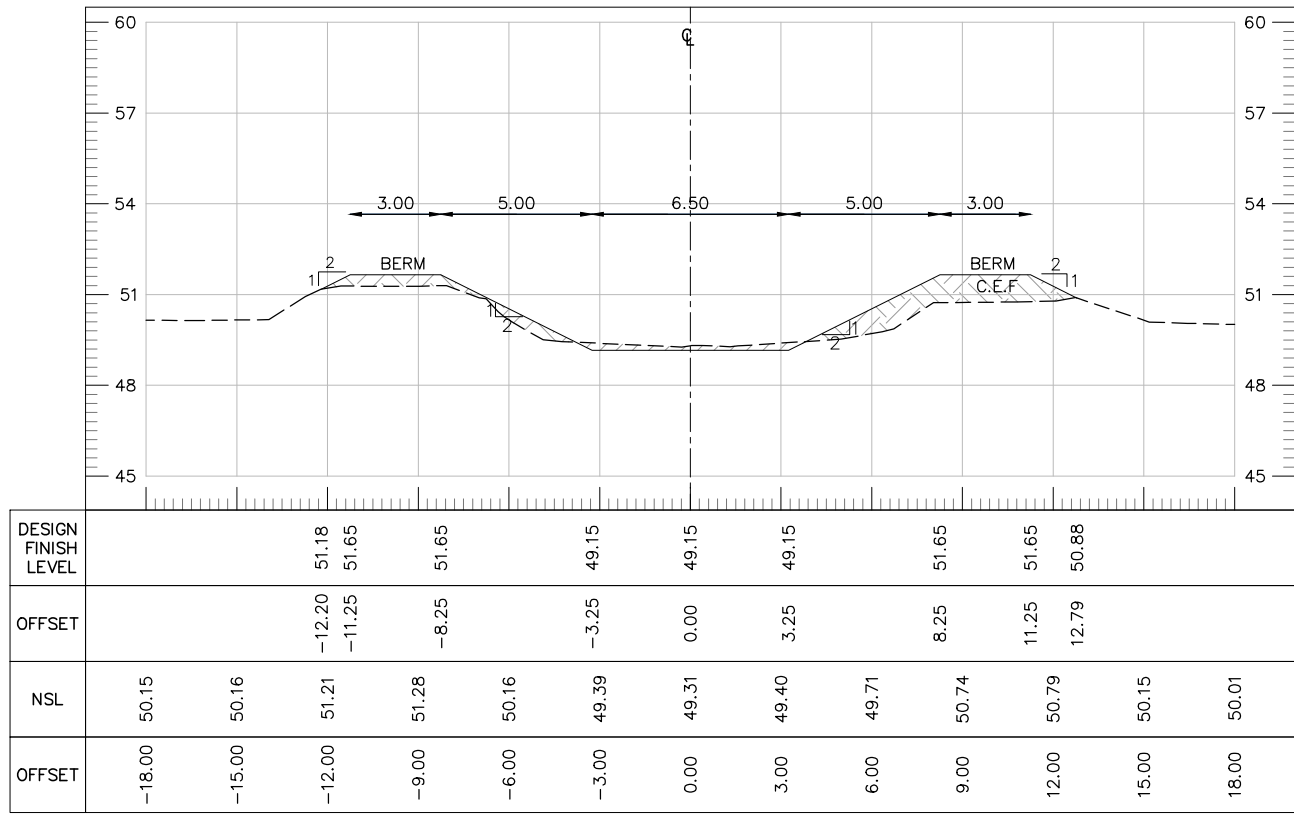
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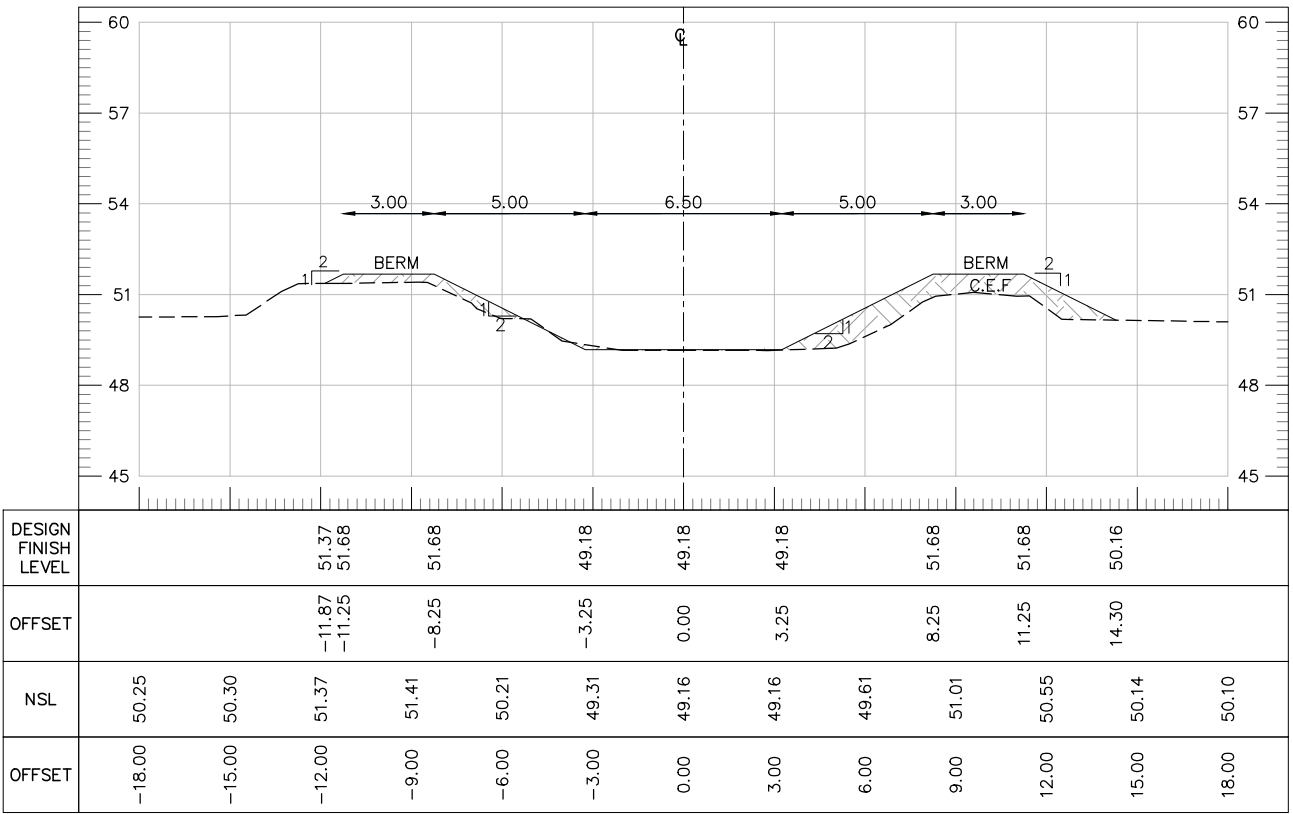
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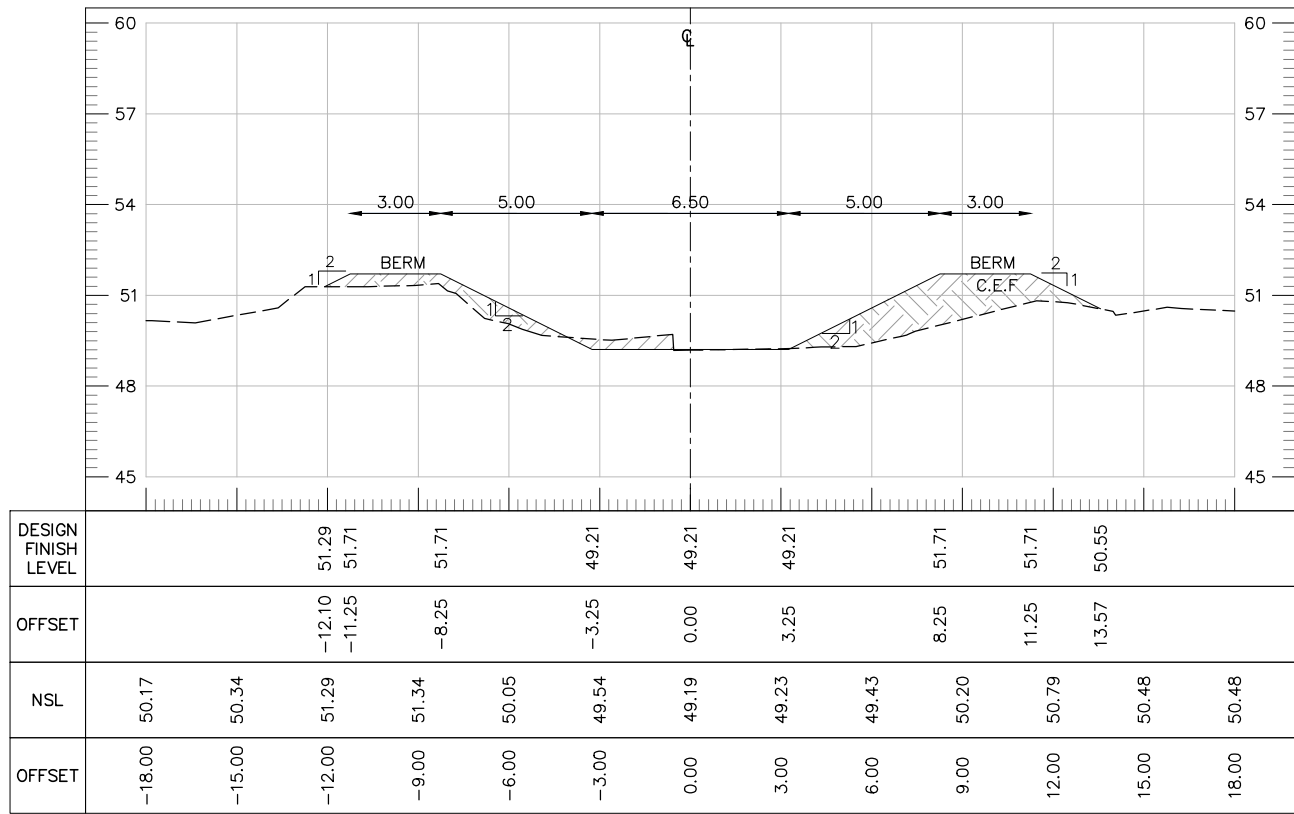


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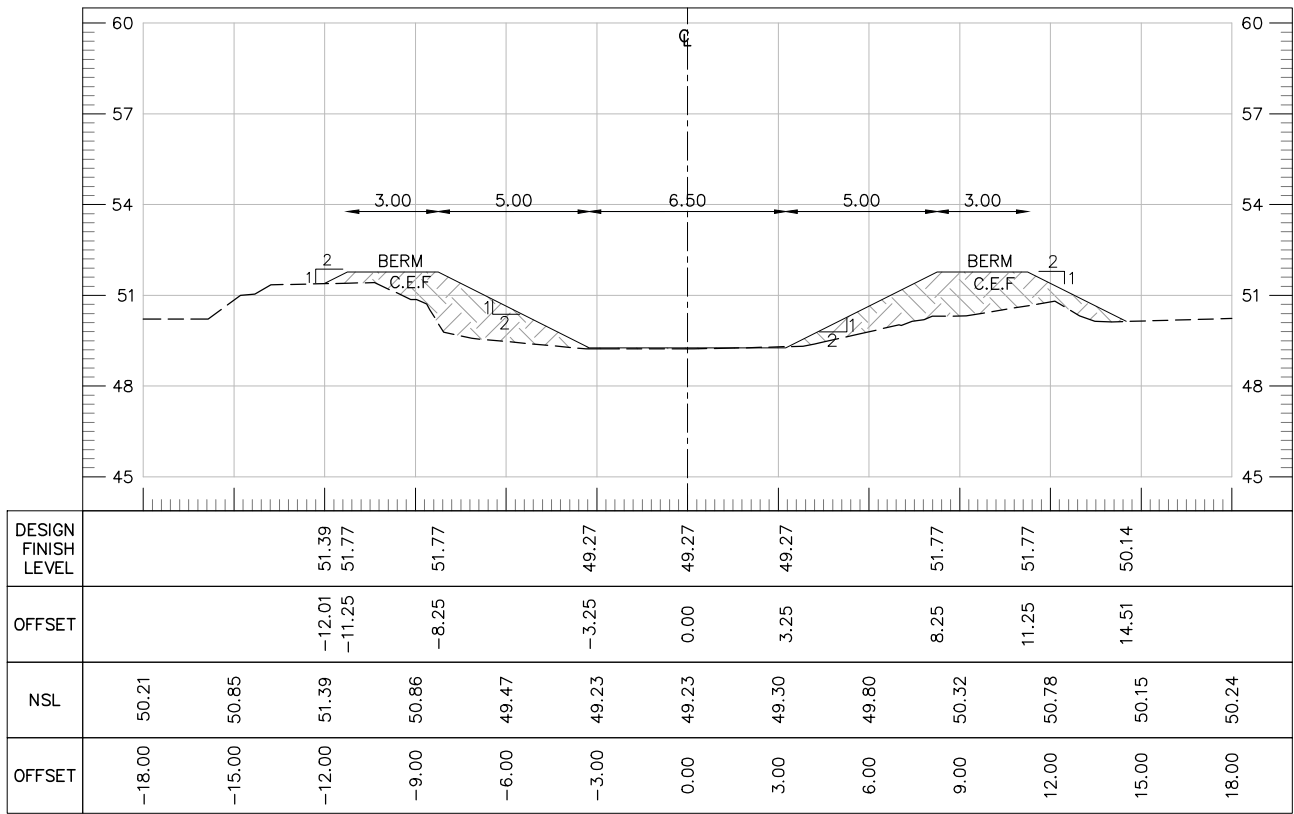


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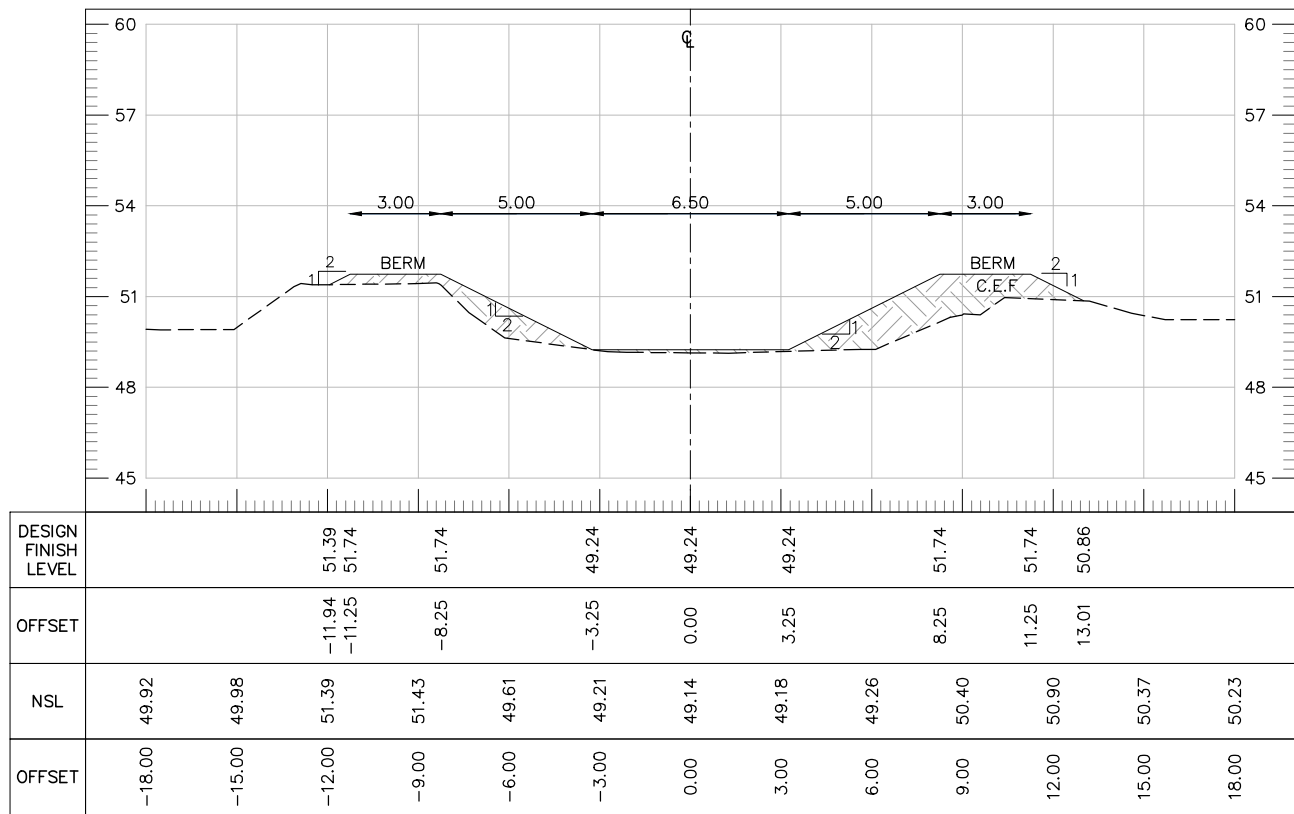
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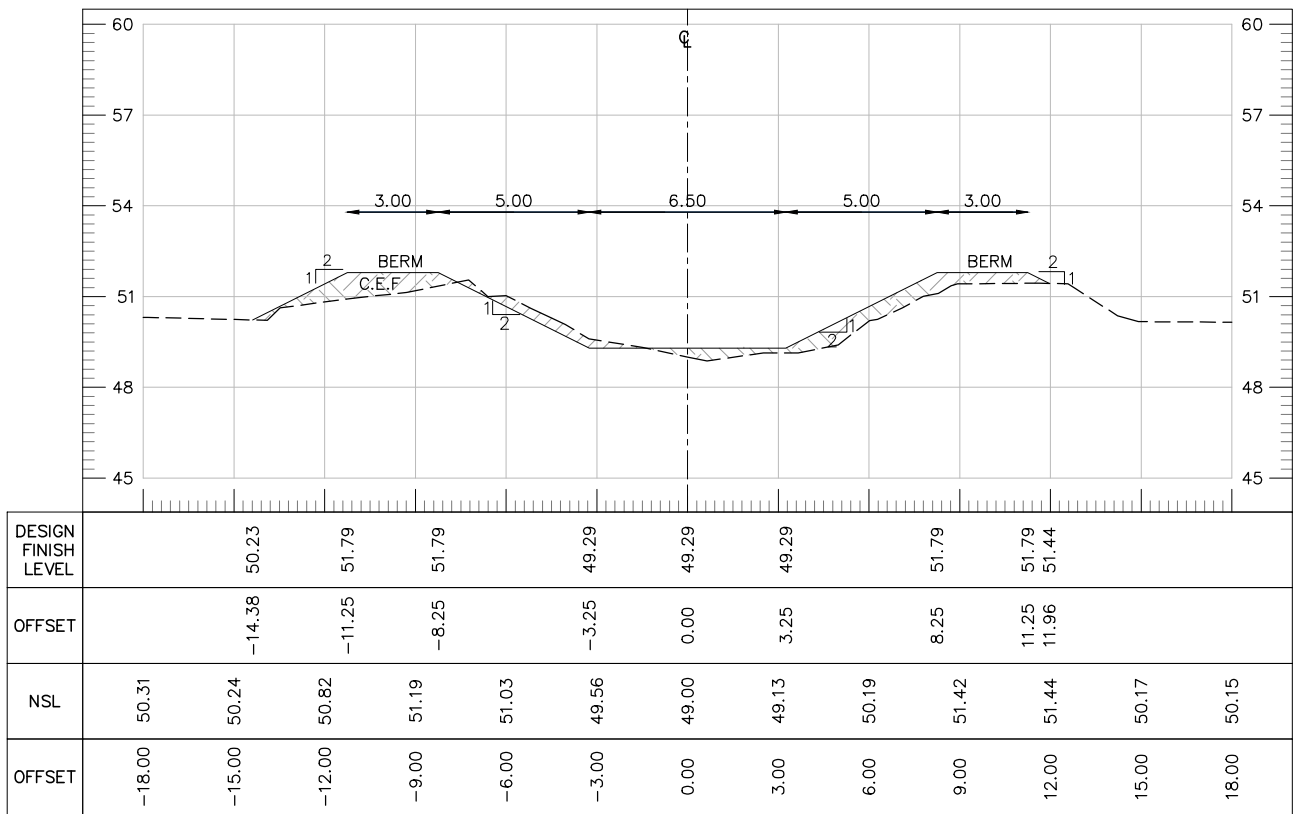
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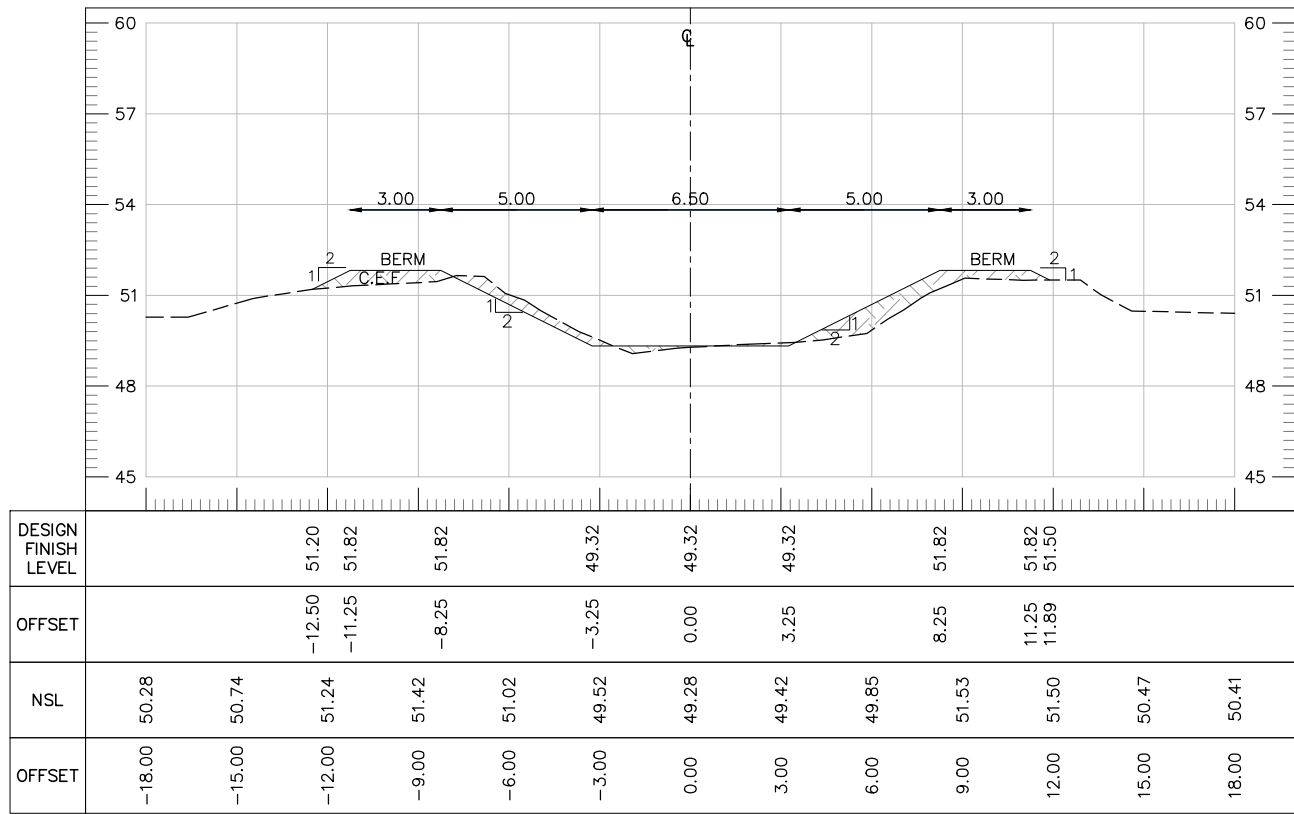


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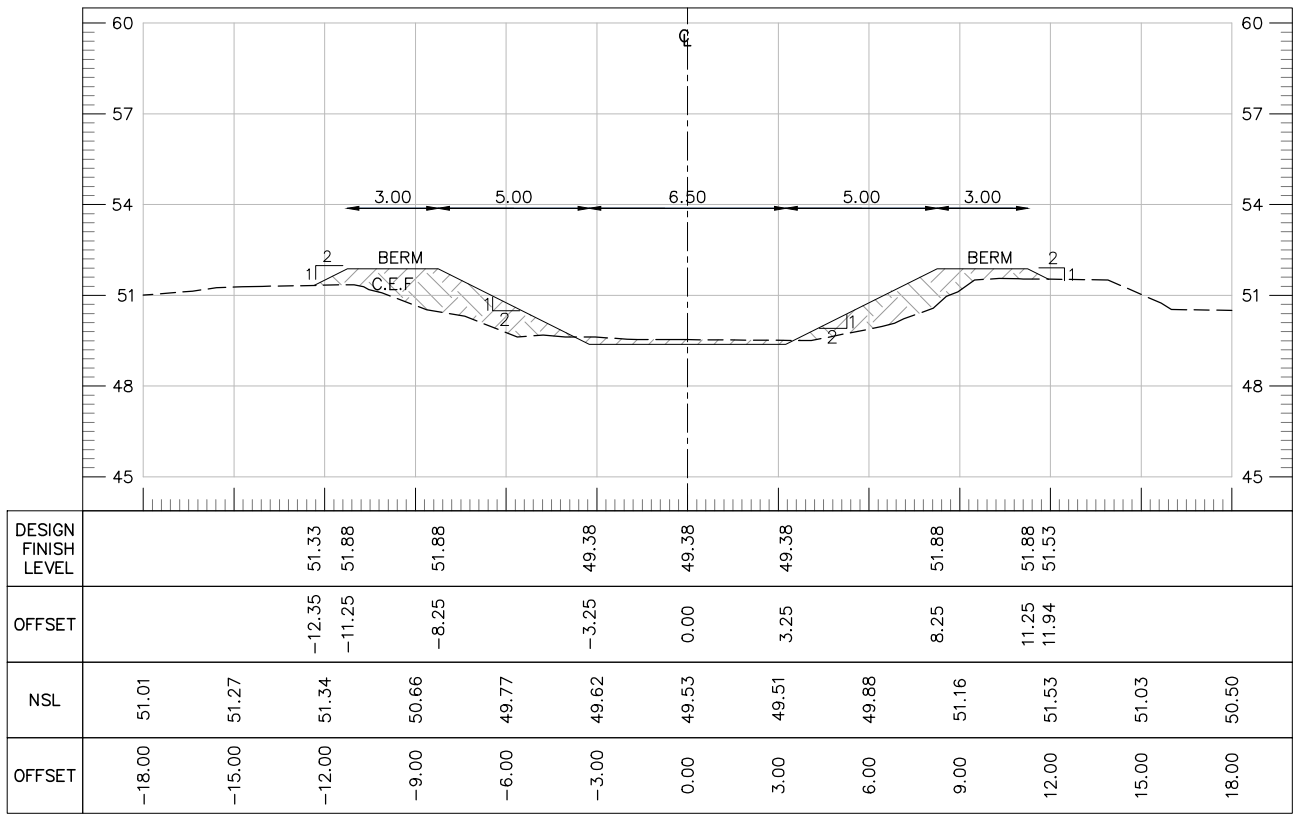


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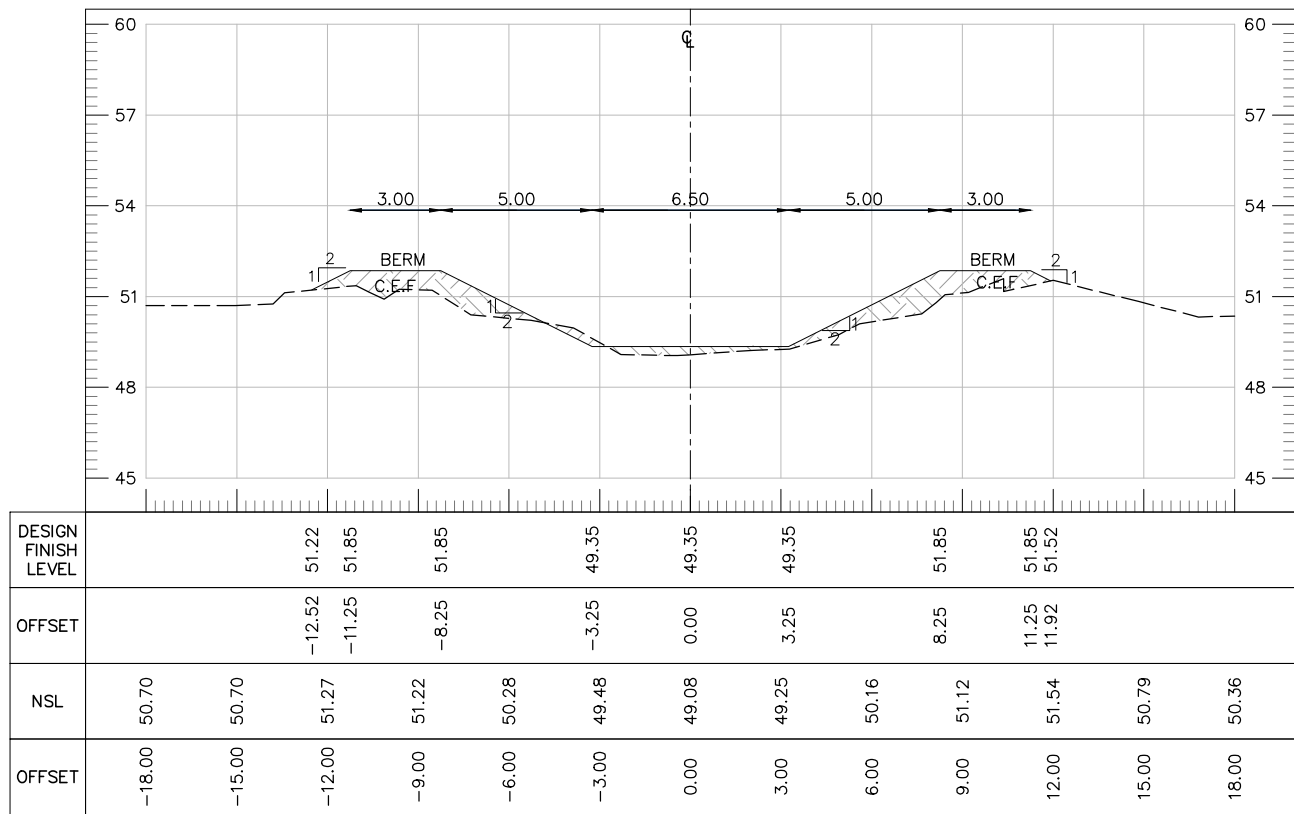
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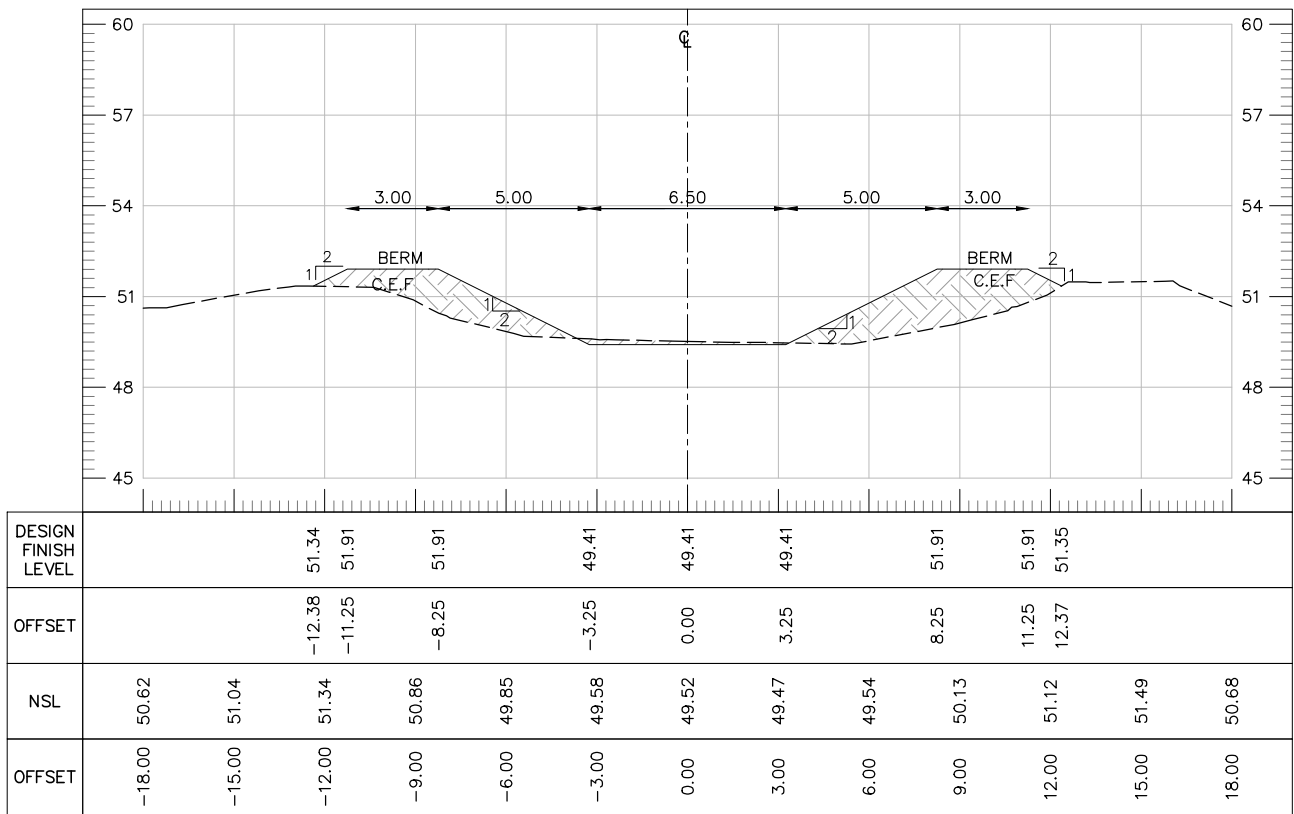
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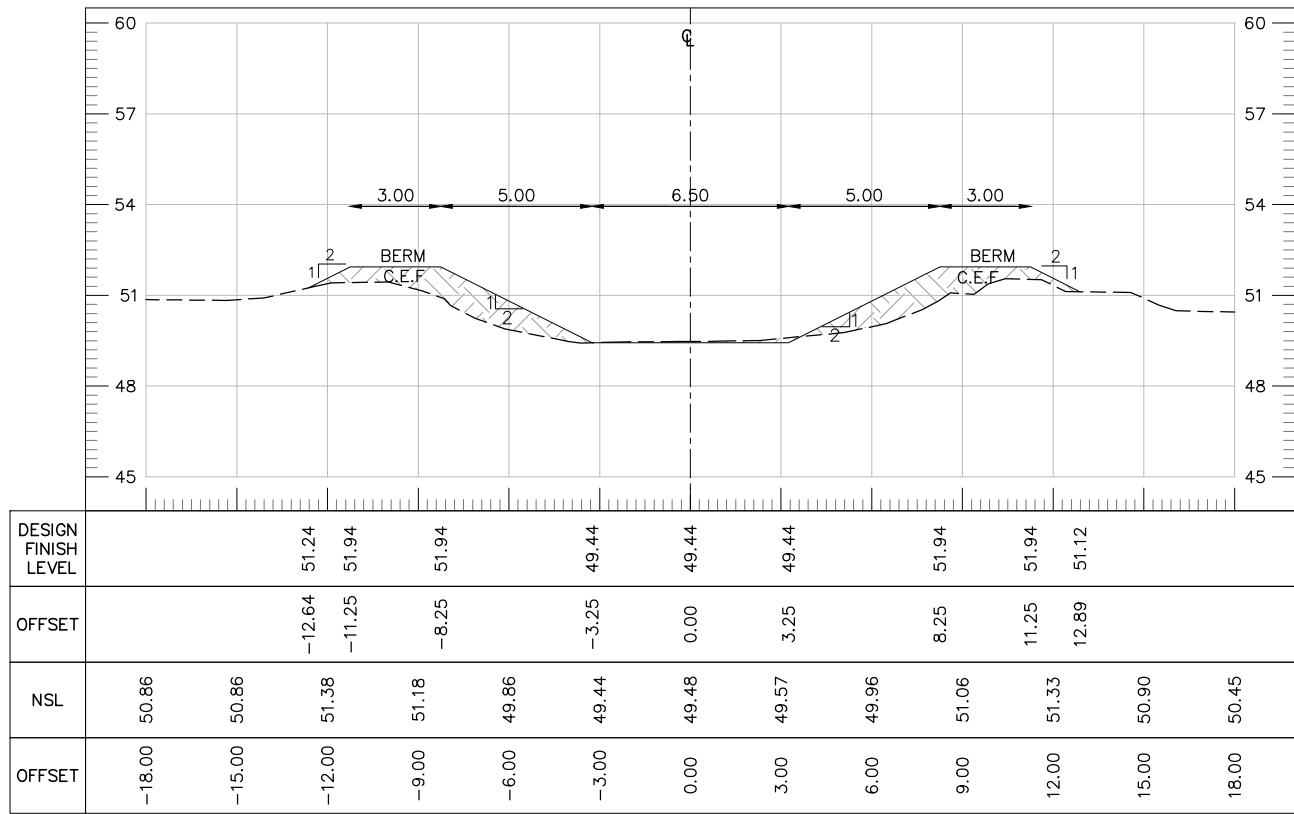


AT RD 3+700.00

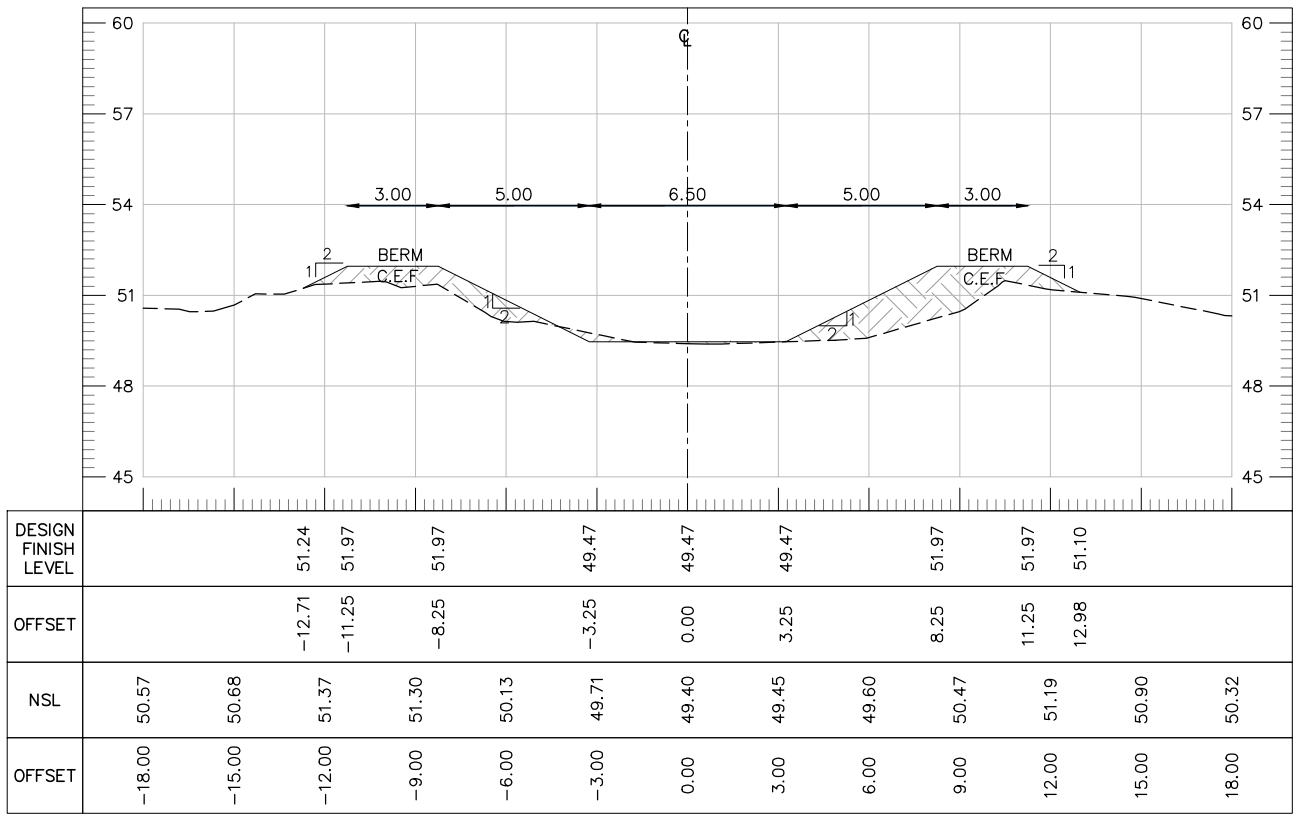


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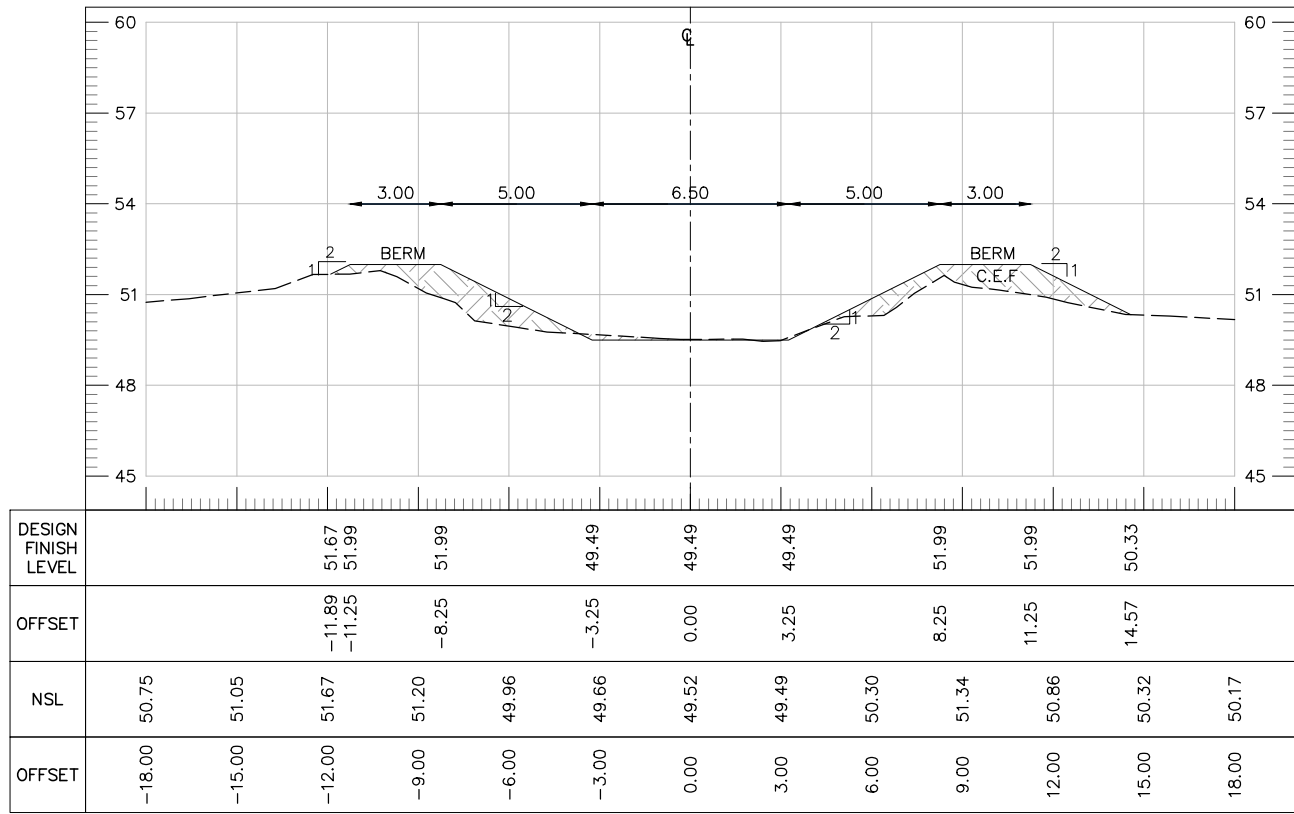
TENDER DRAWINGS



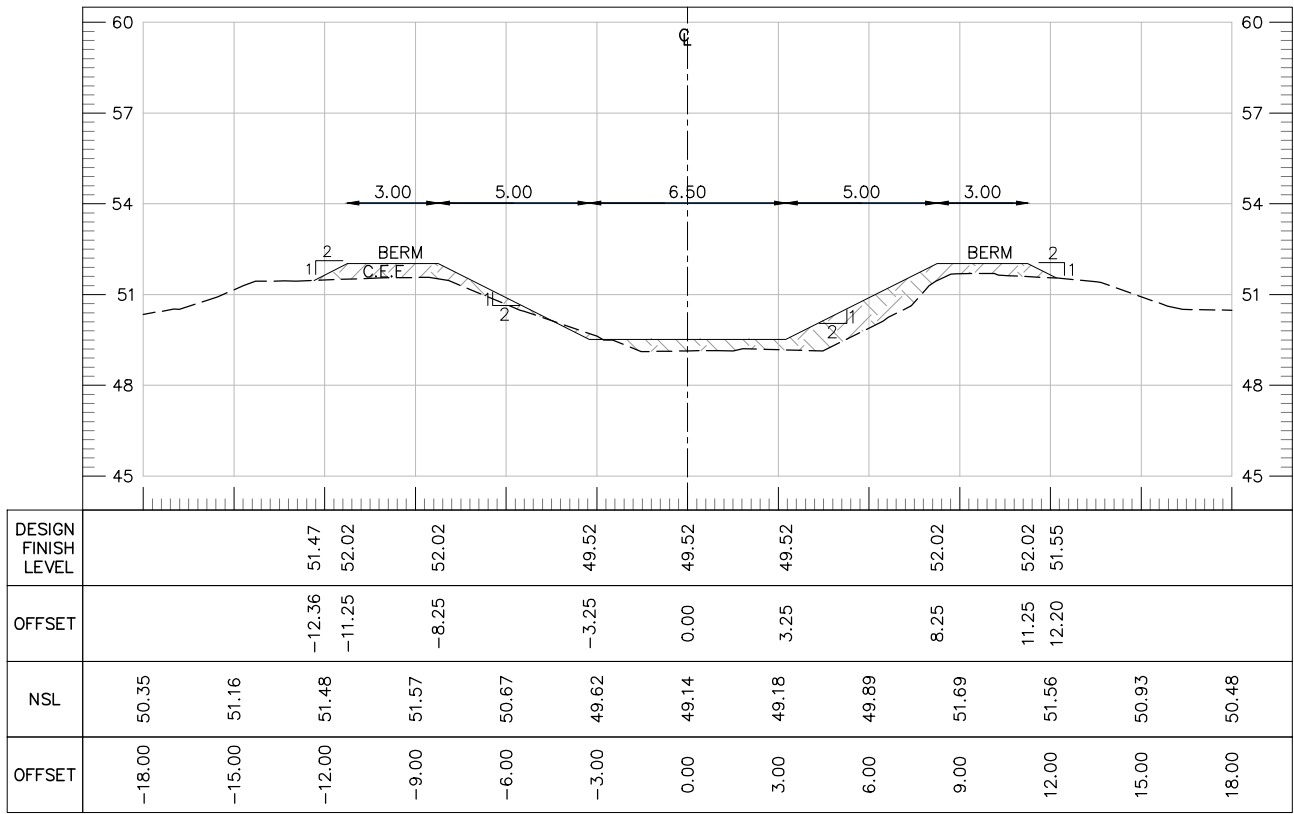
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AT RD 4+100.00

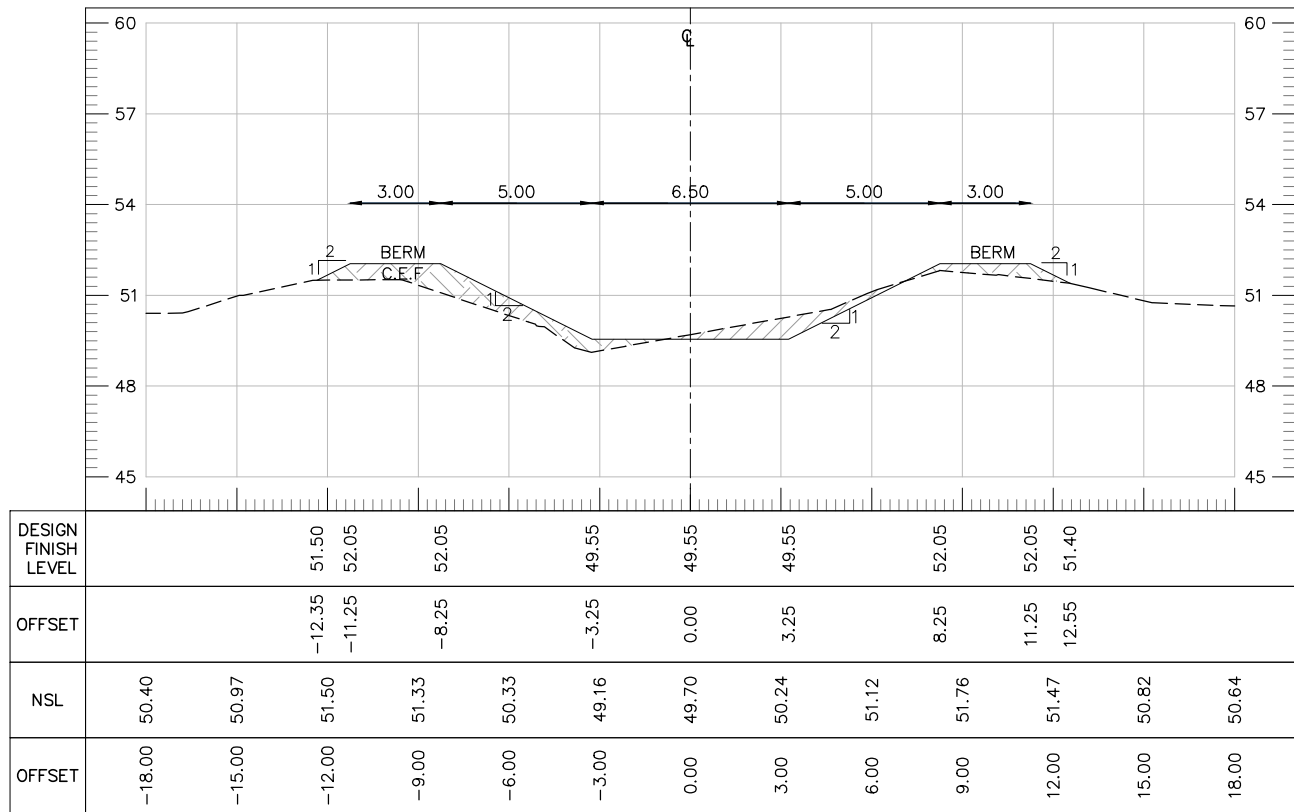


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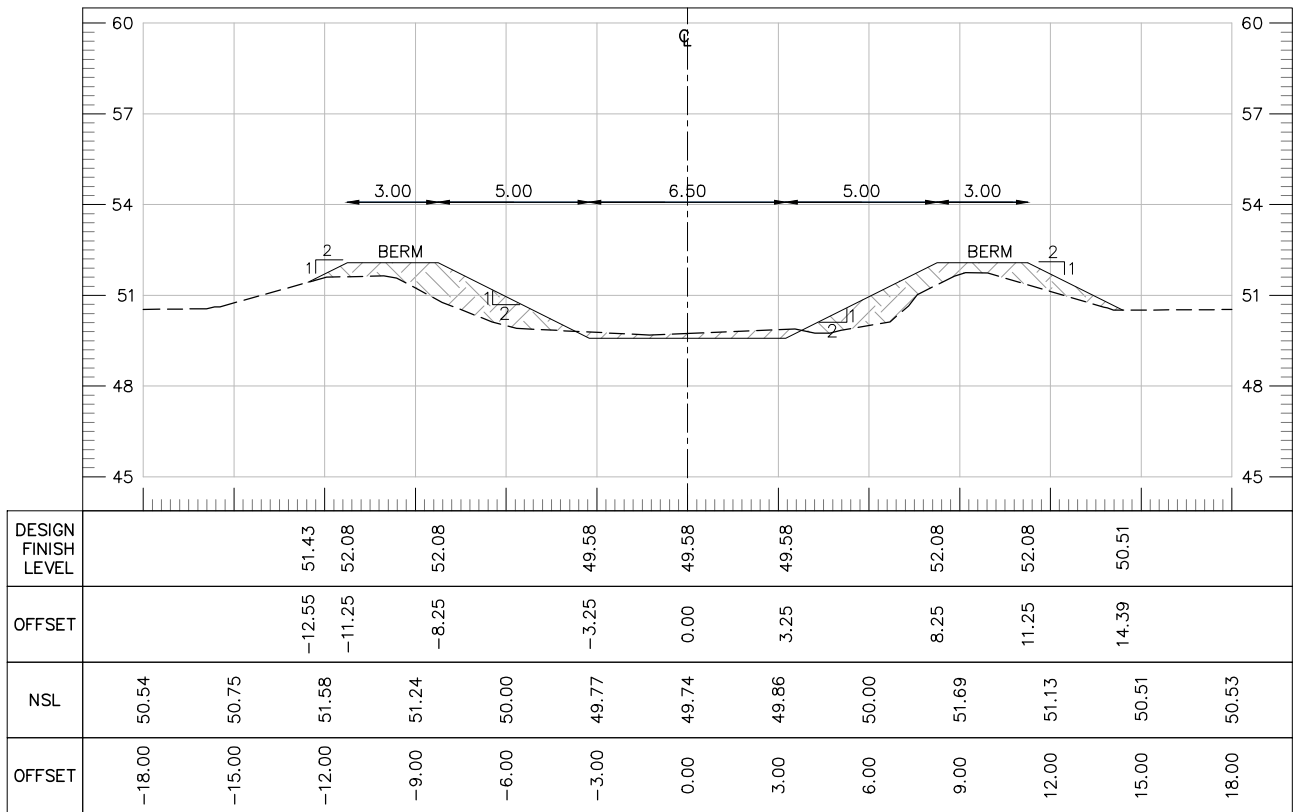


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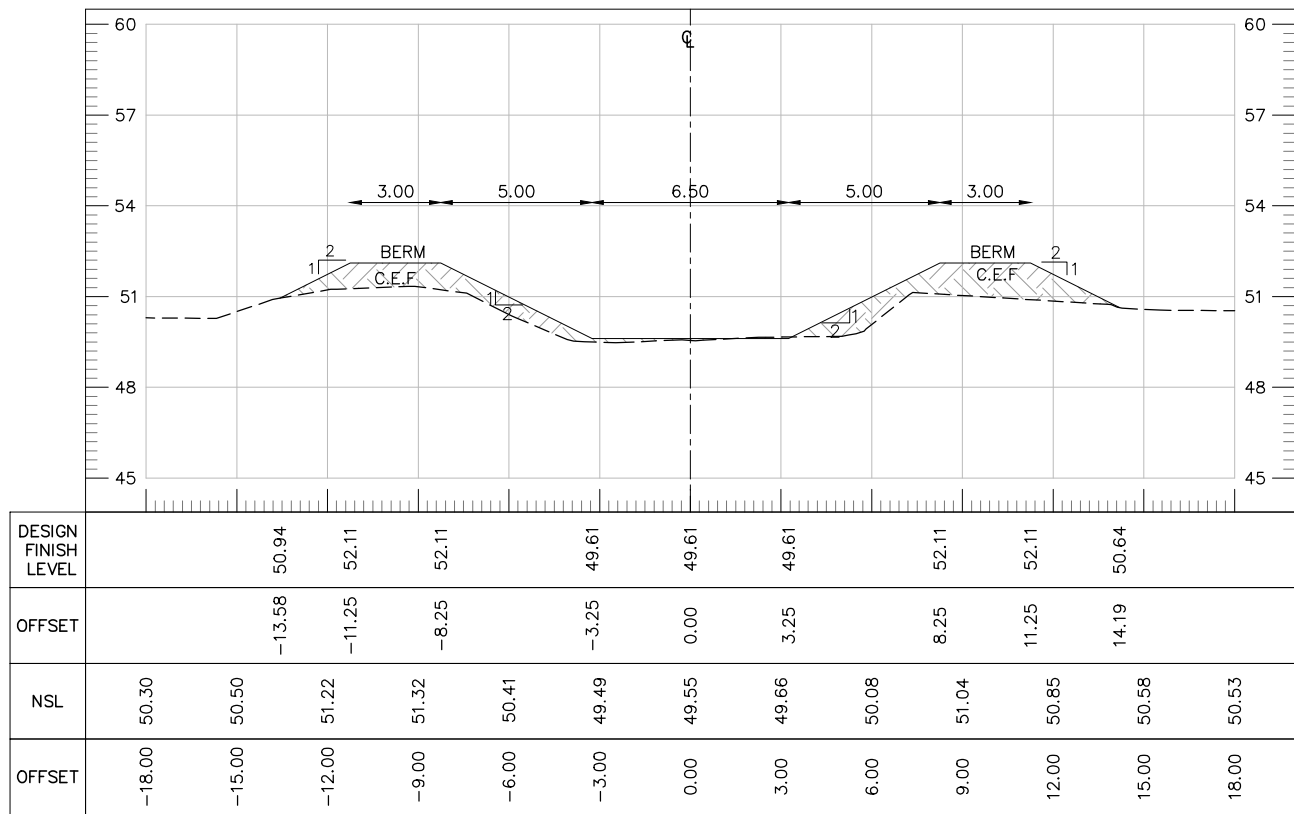
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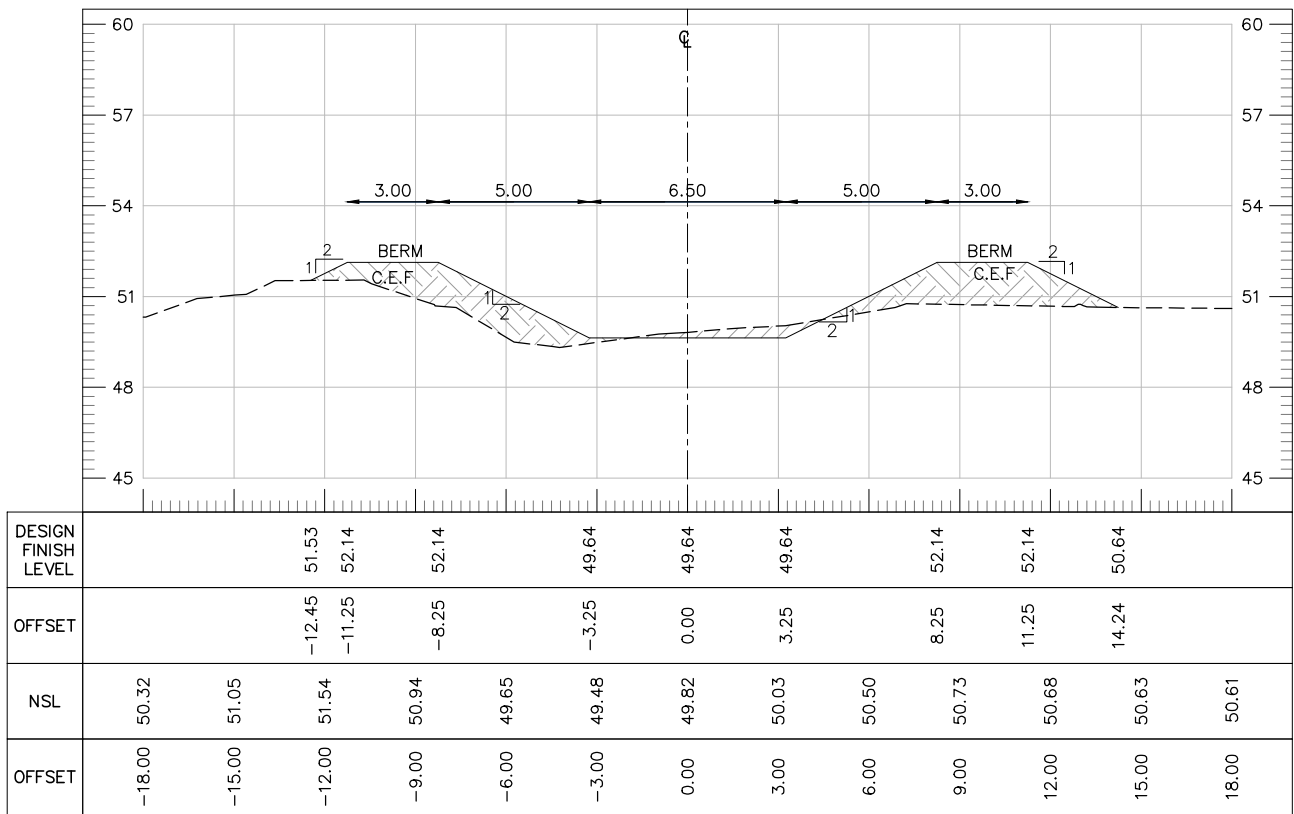
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AT RD 4+500.00

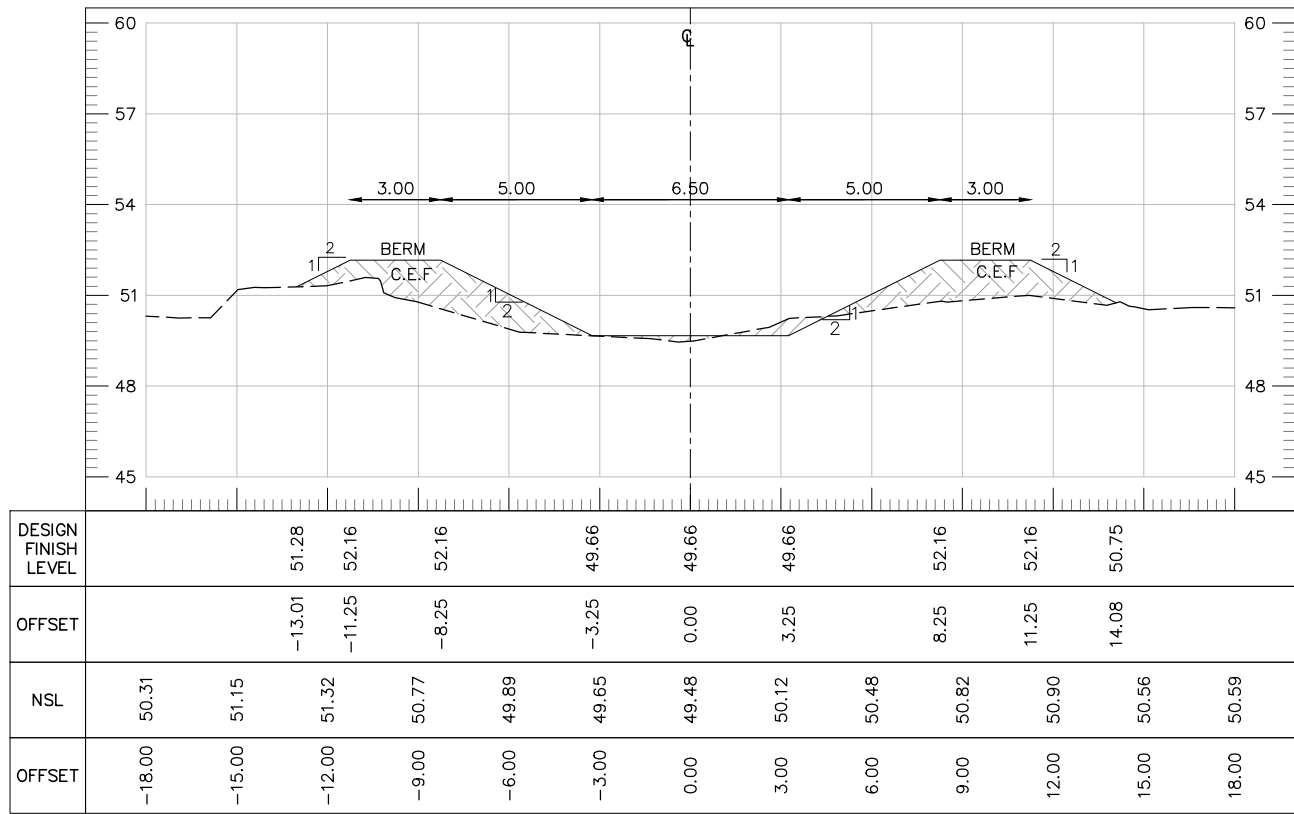


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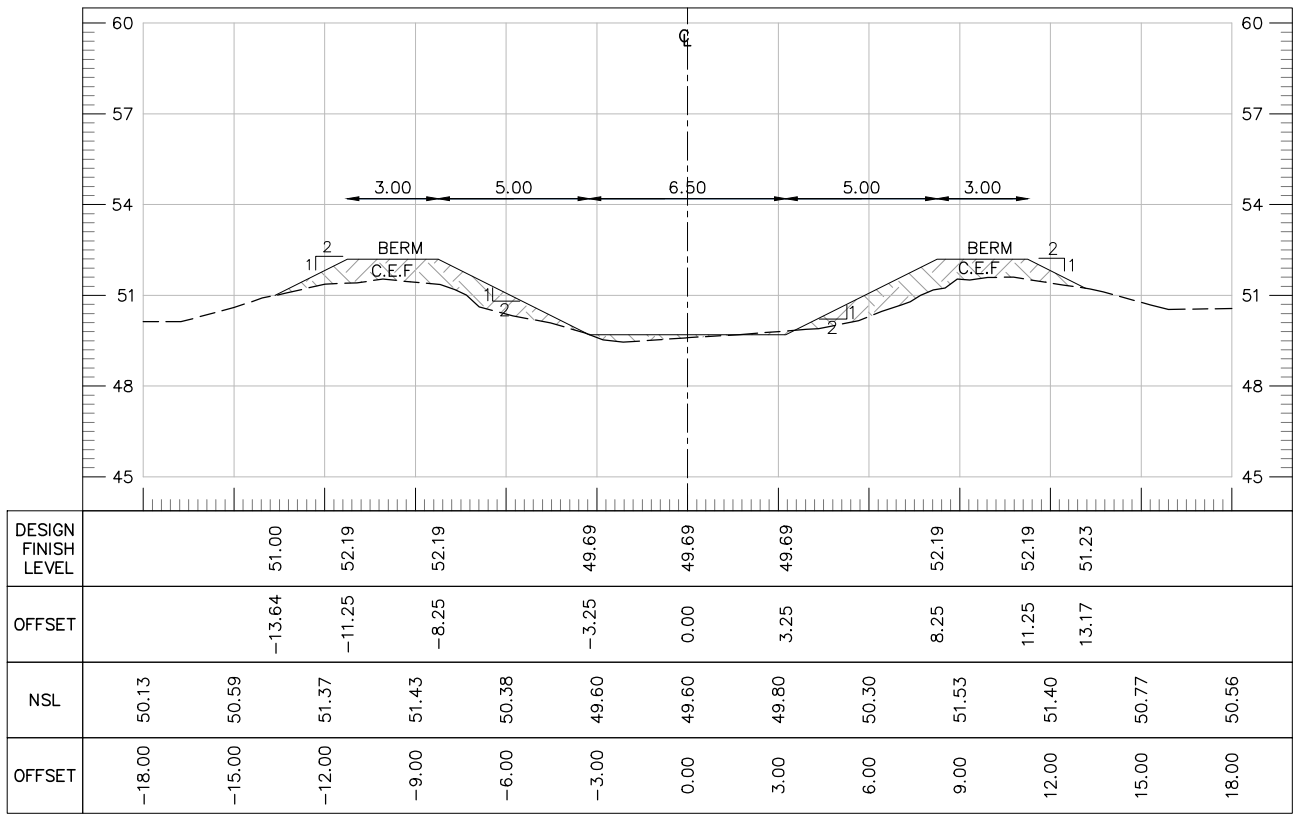


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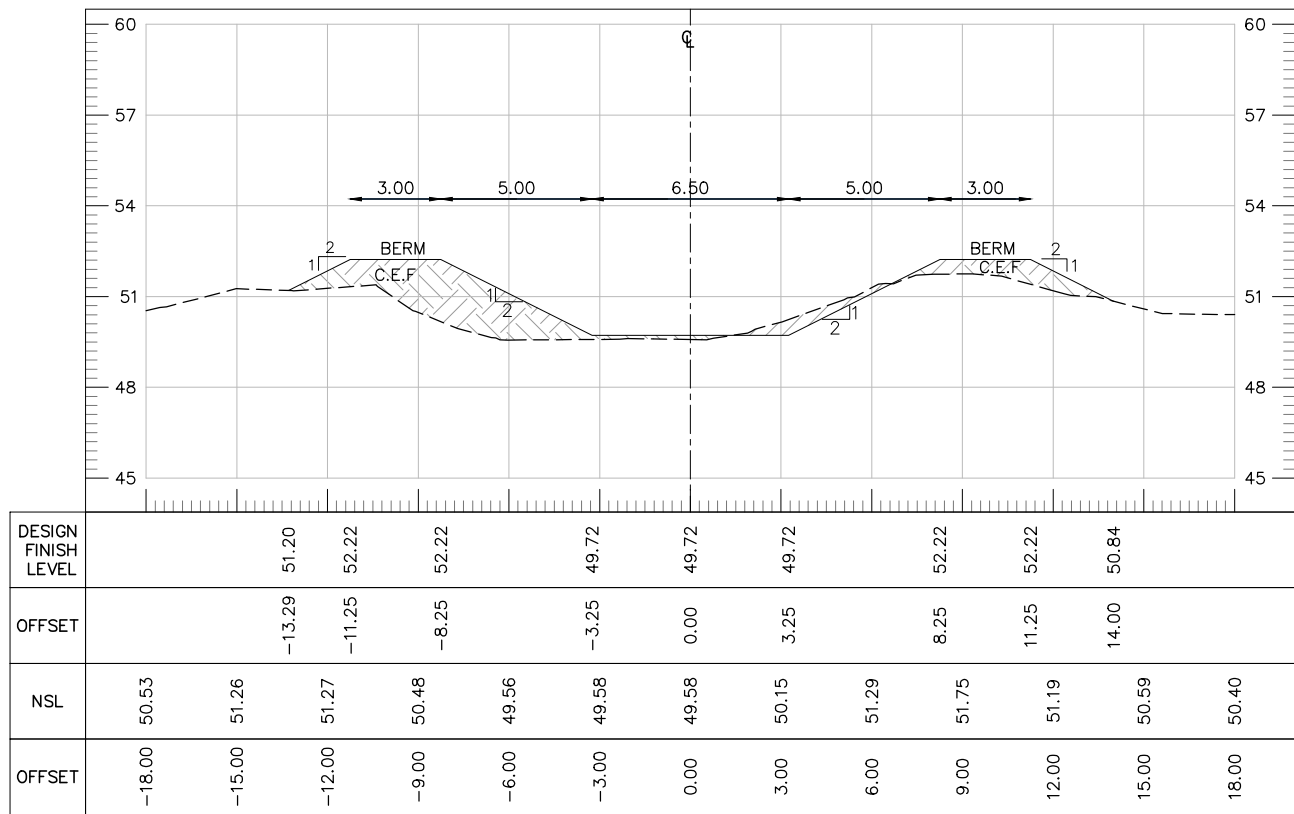
TENDER DRAWINGS



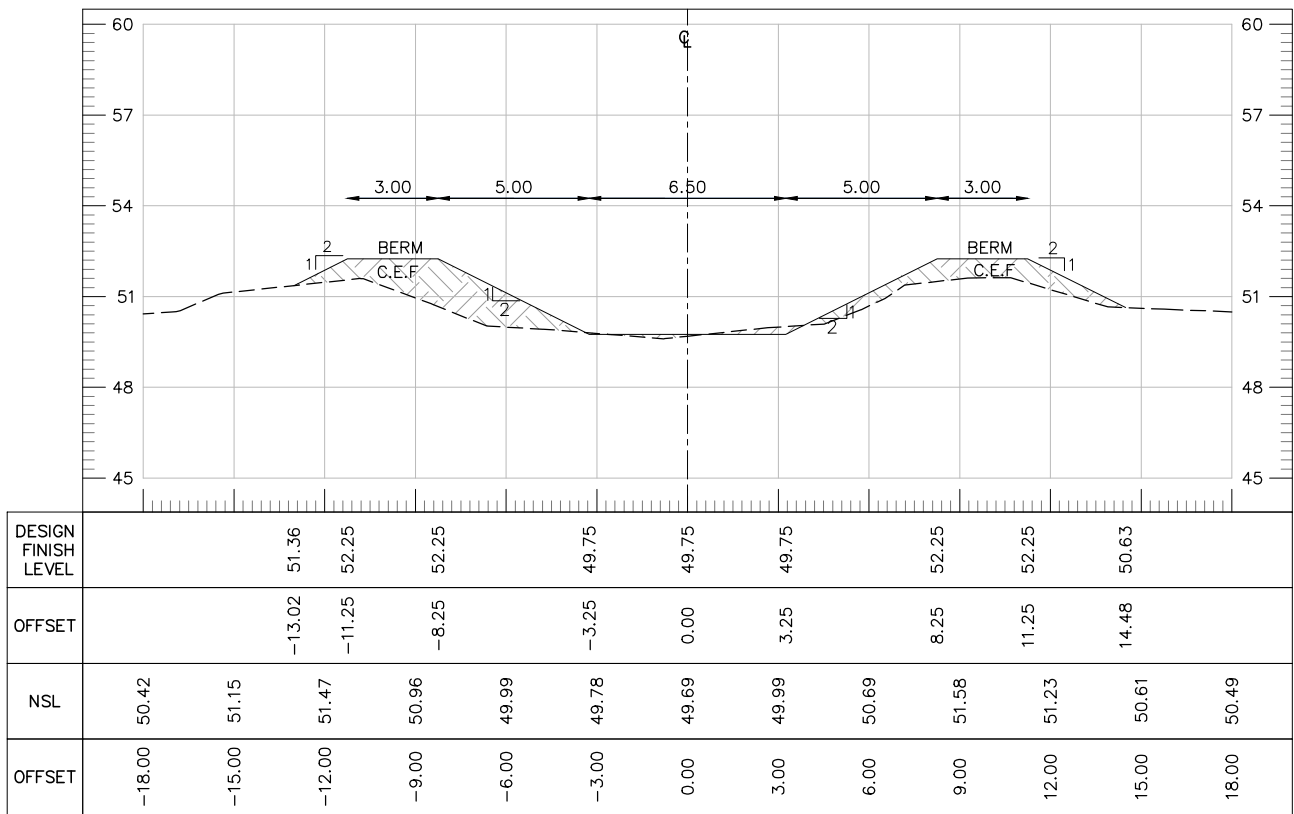
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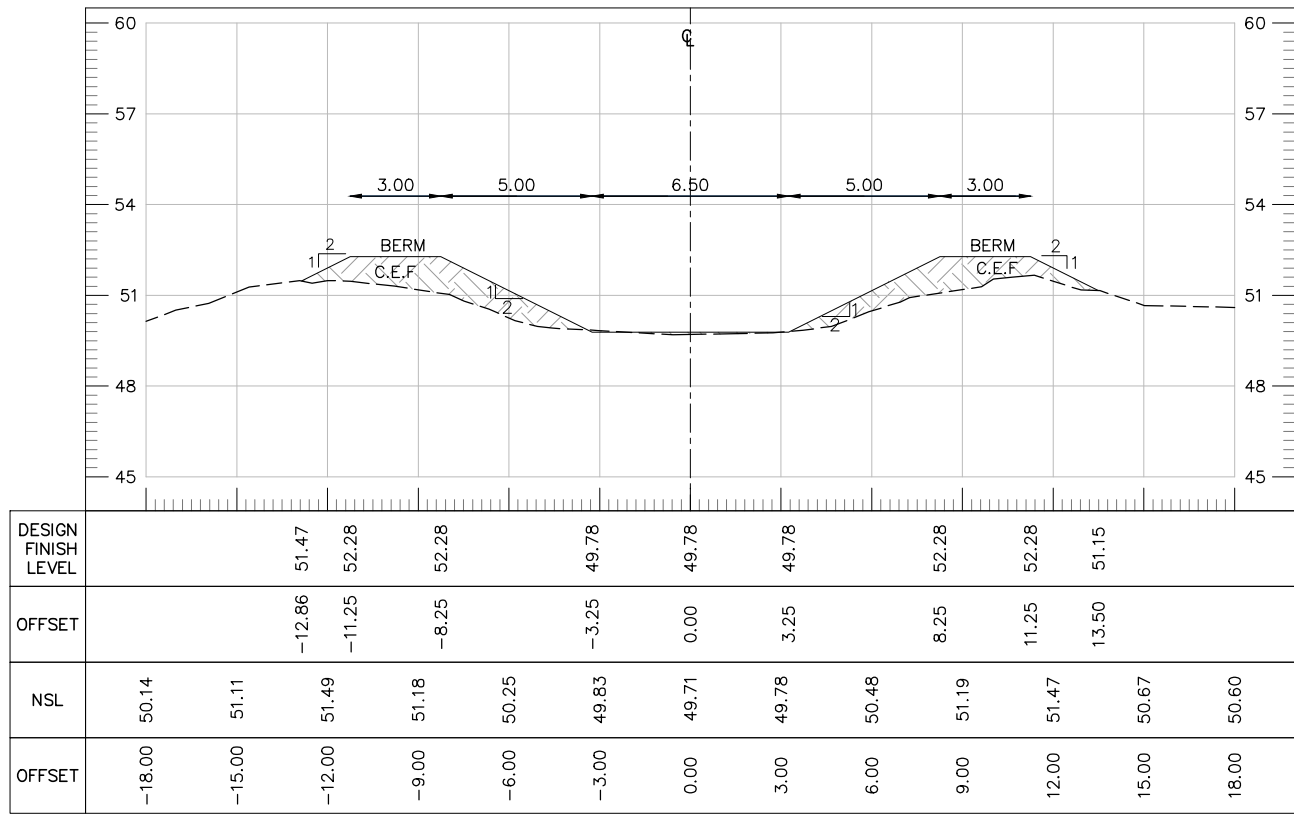


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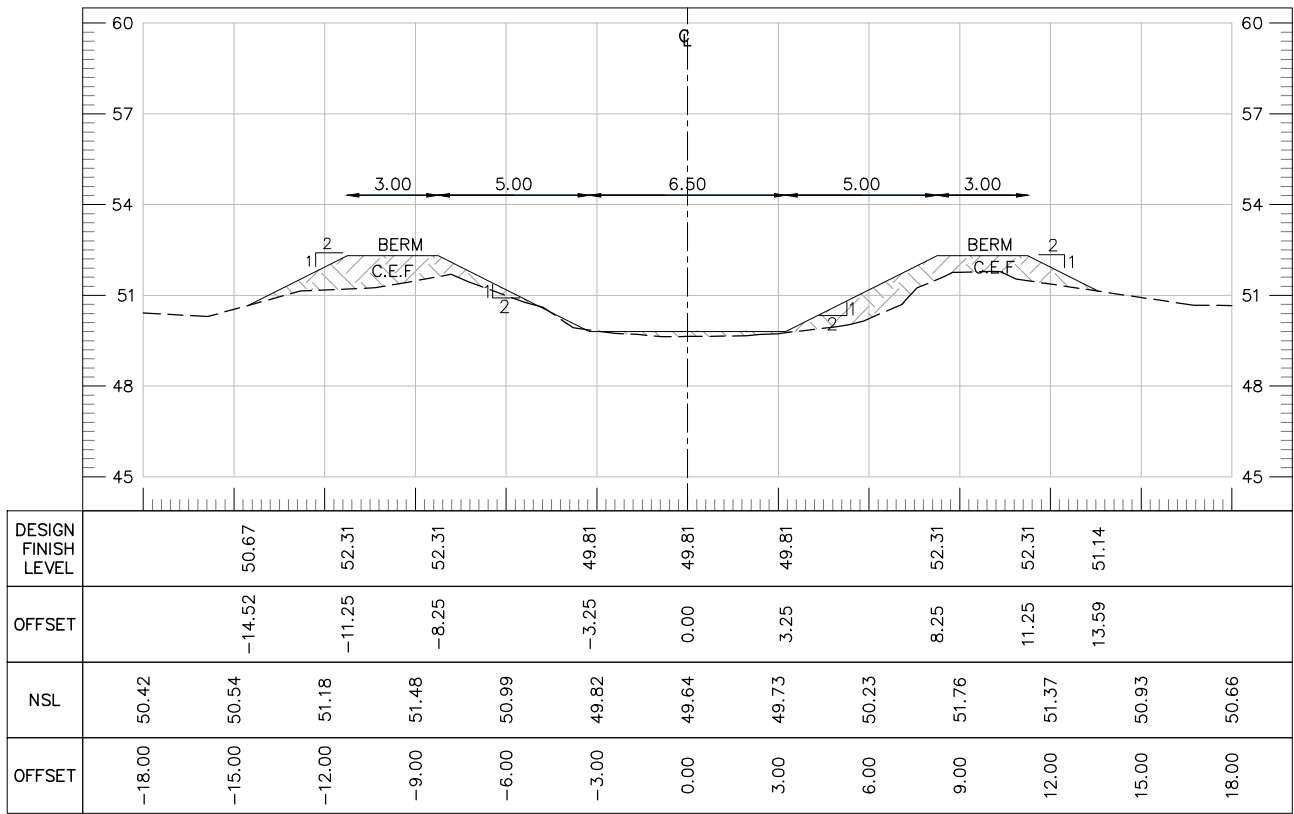


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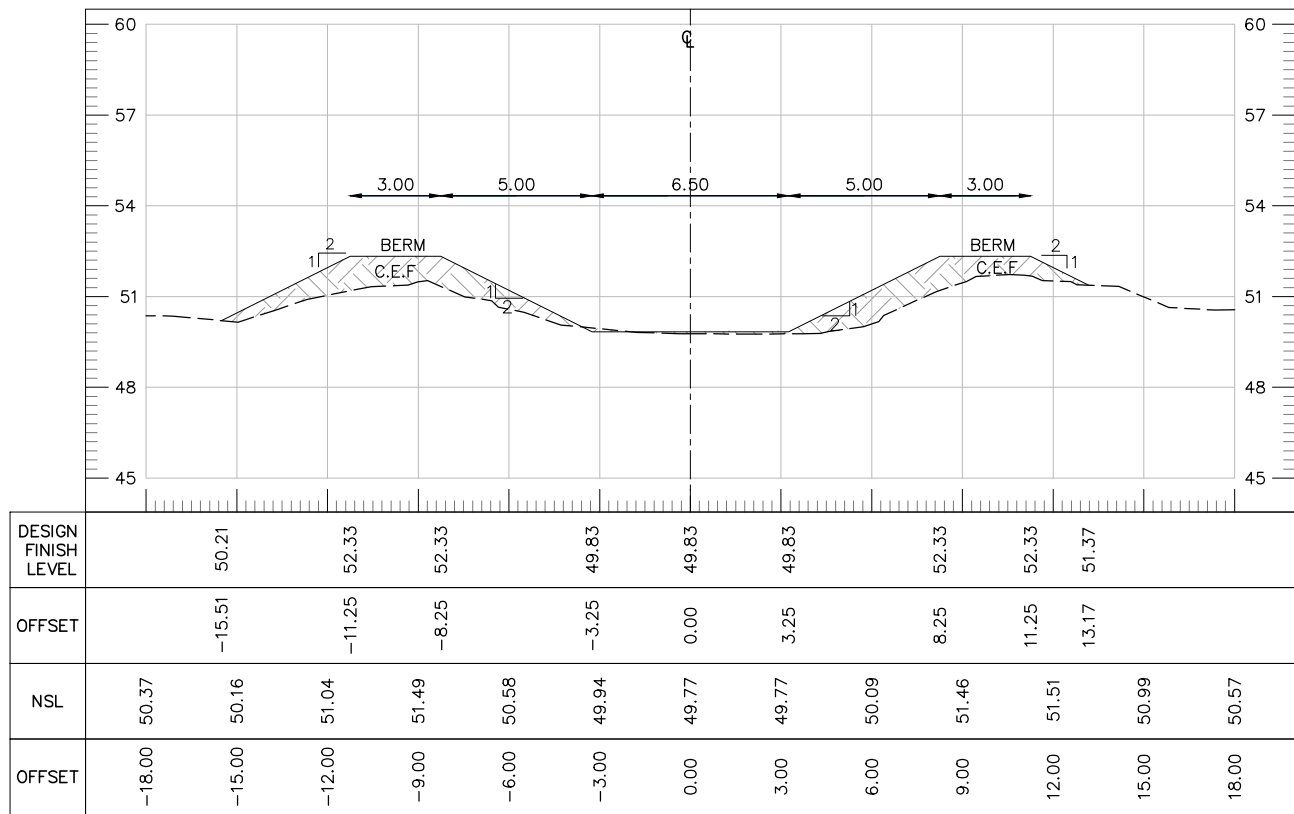
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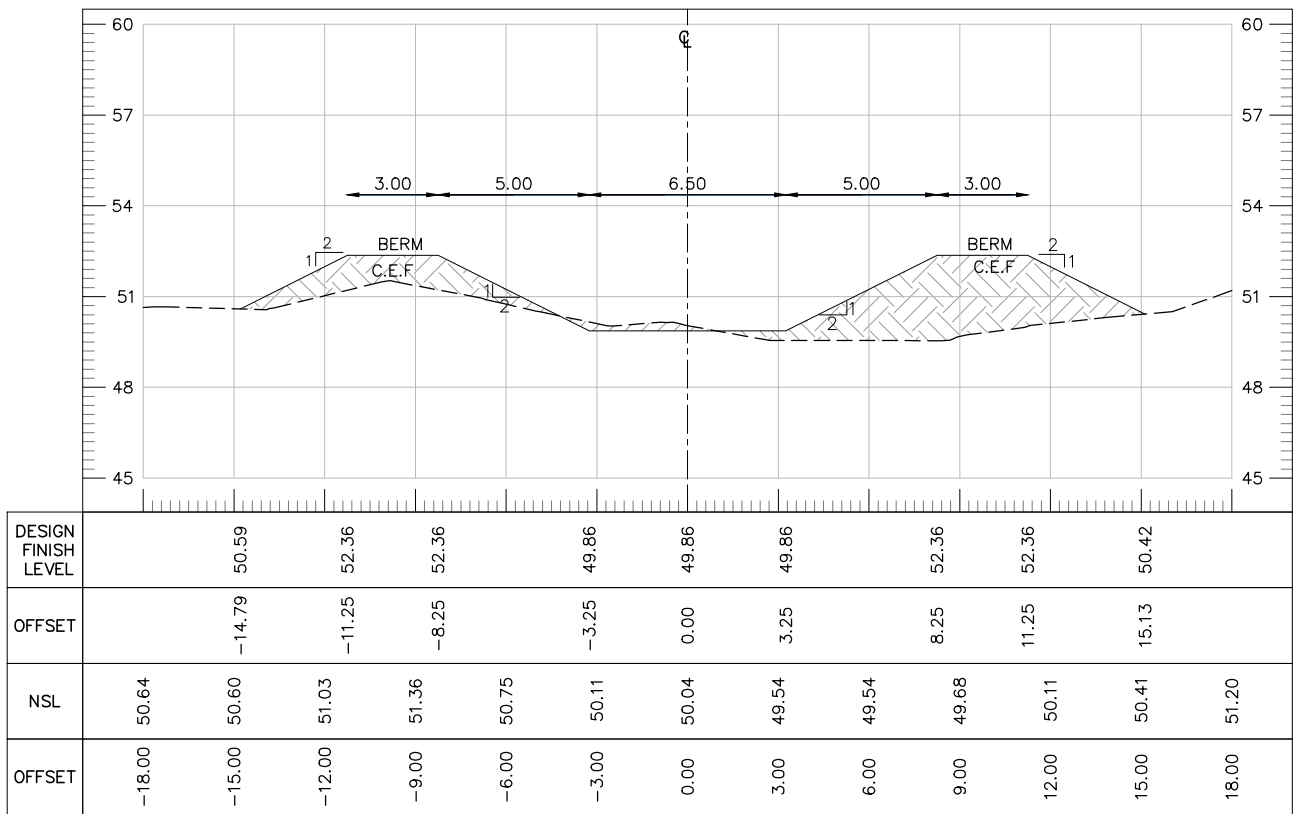
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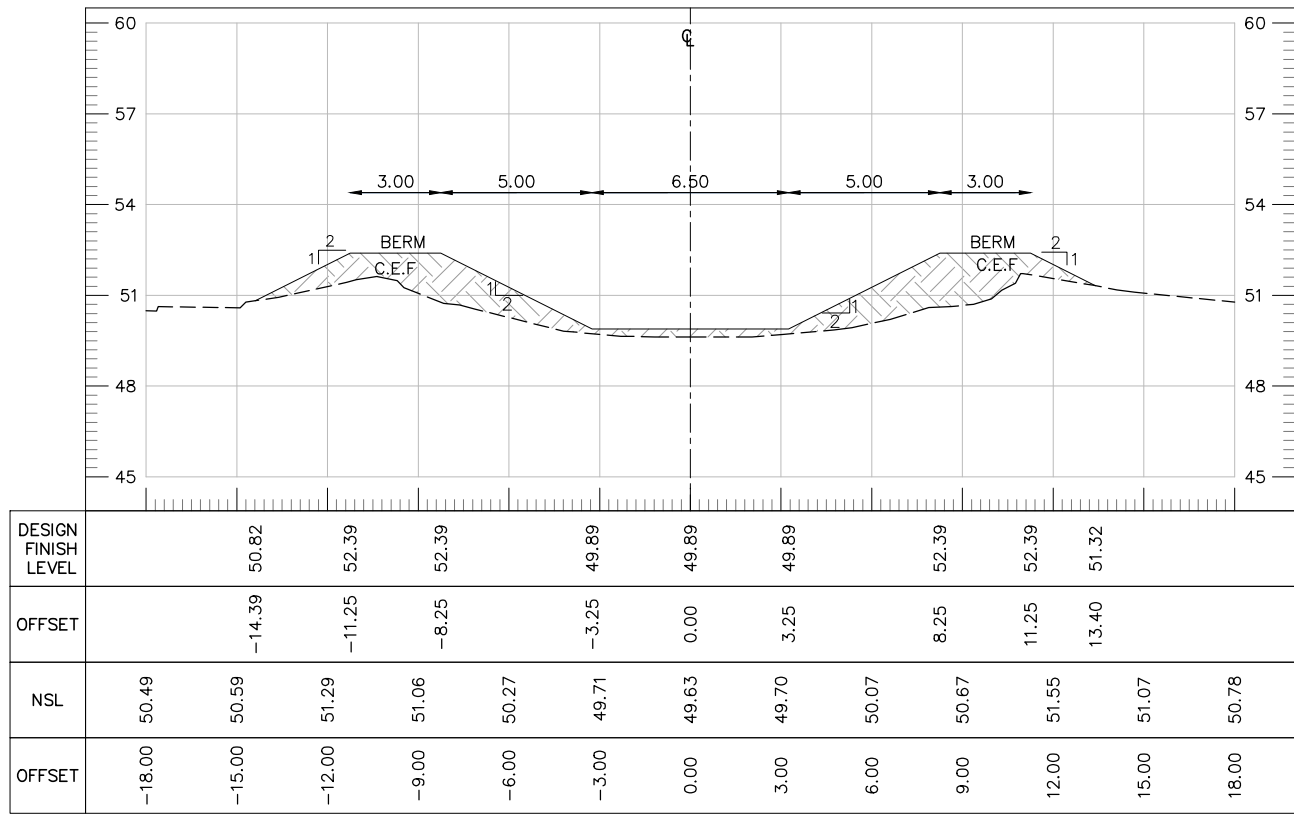


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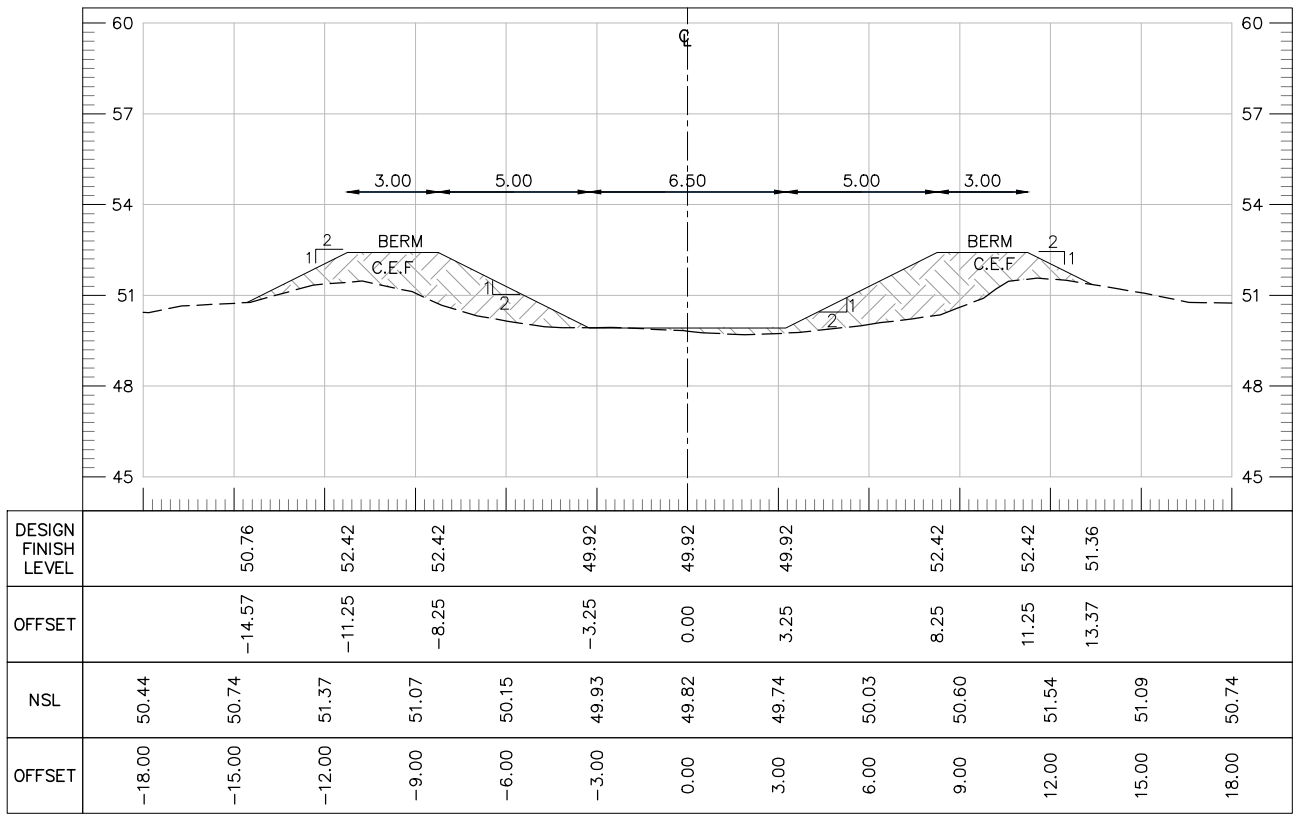


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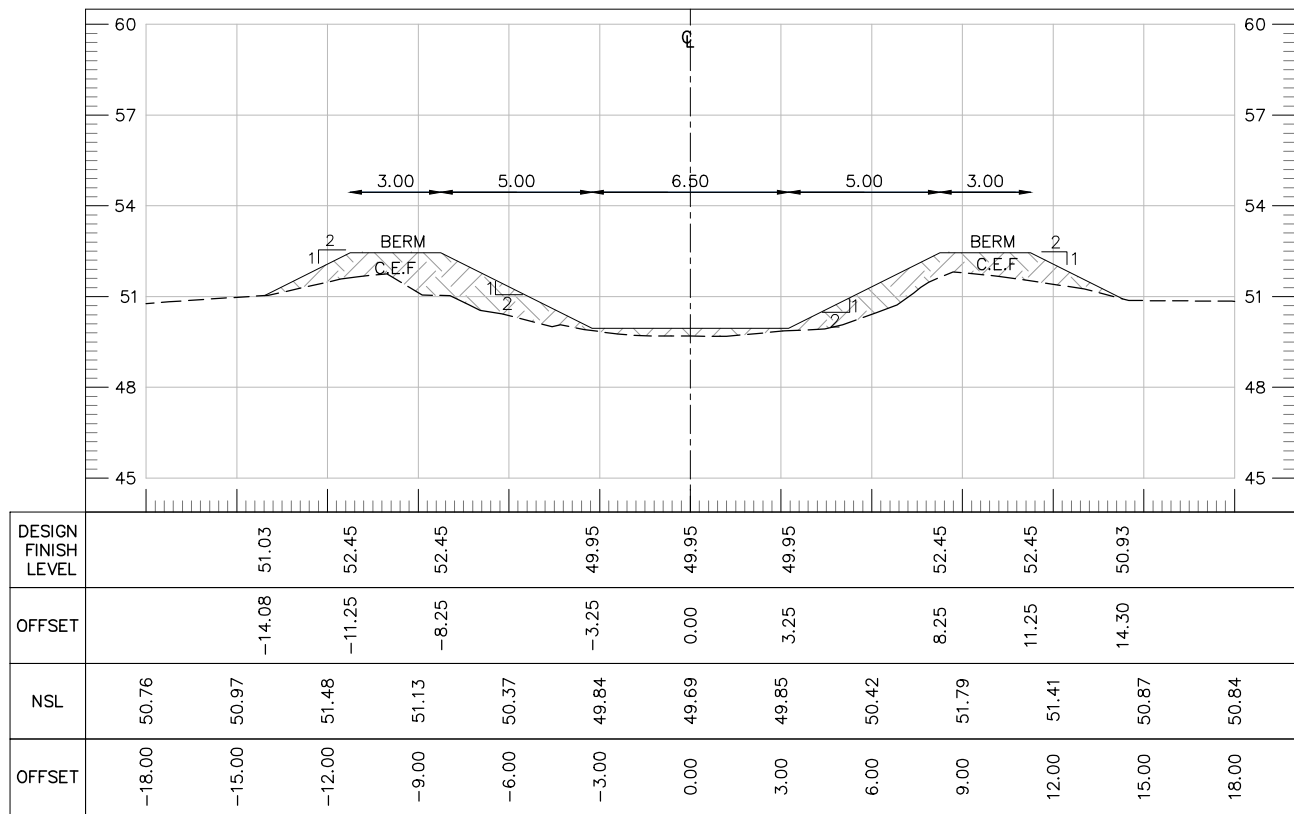
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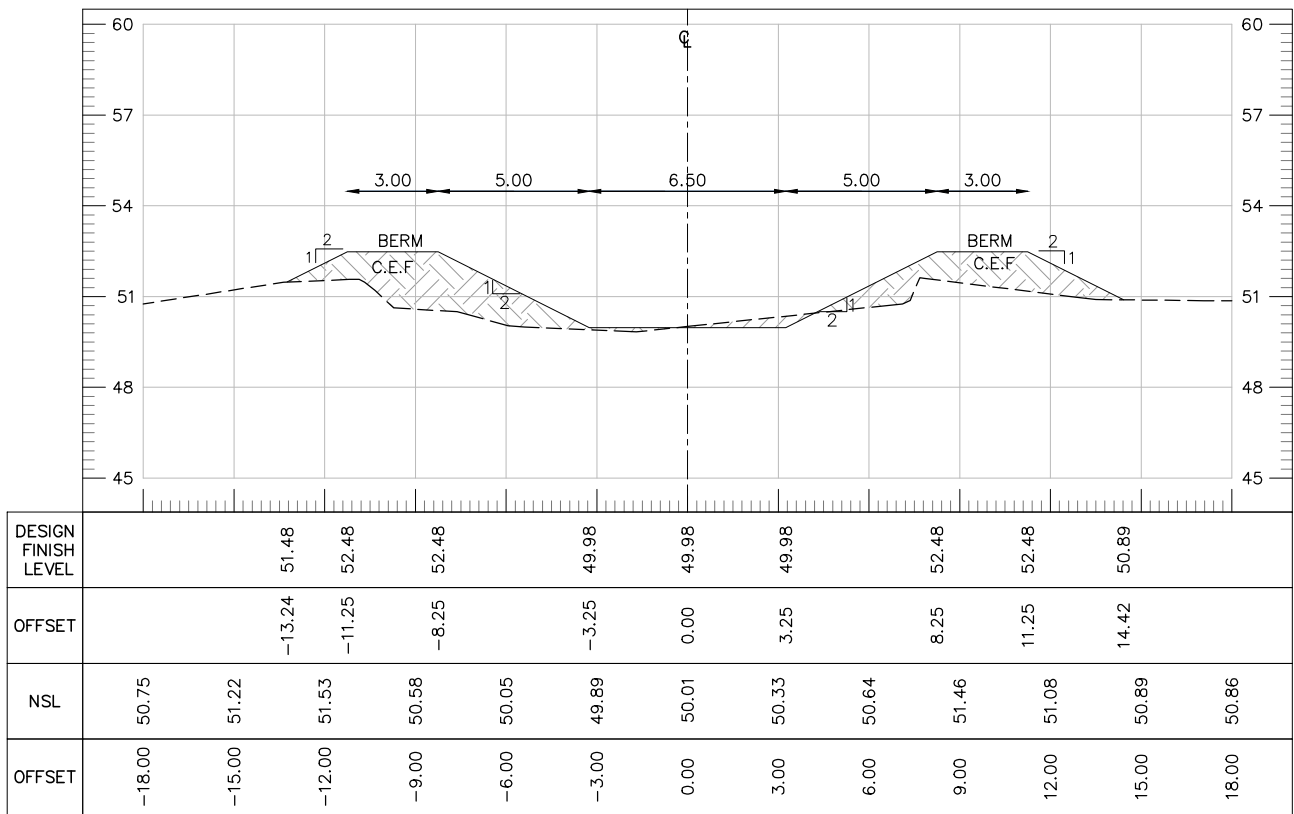
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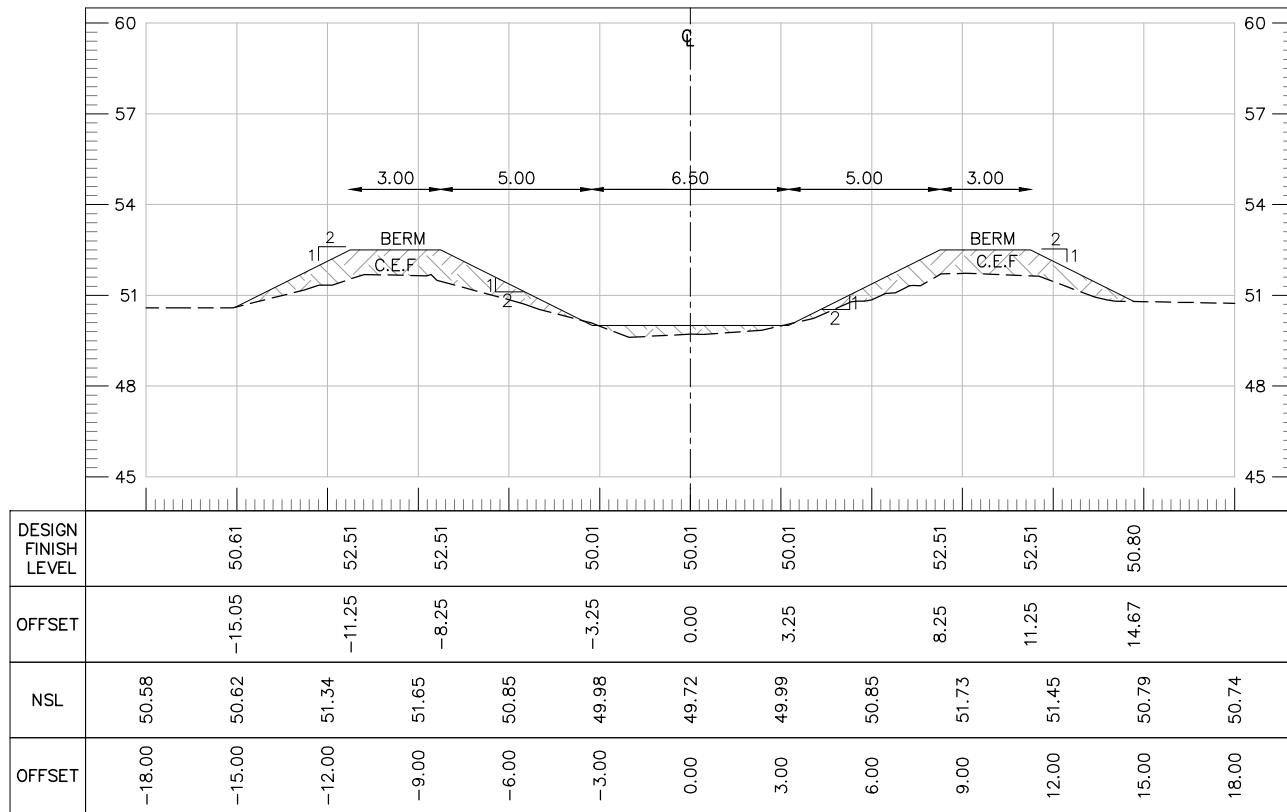


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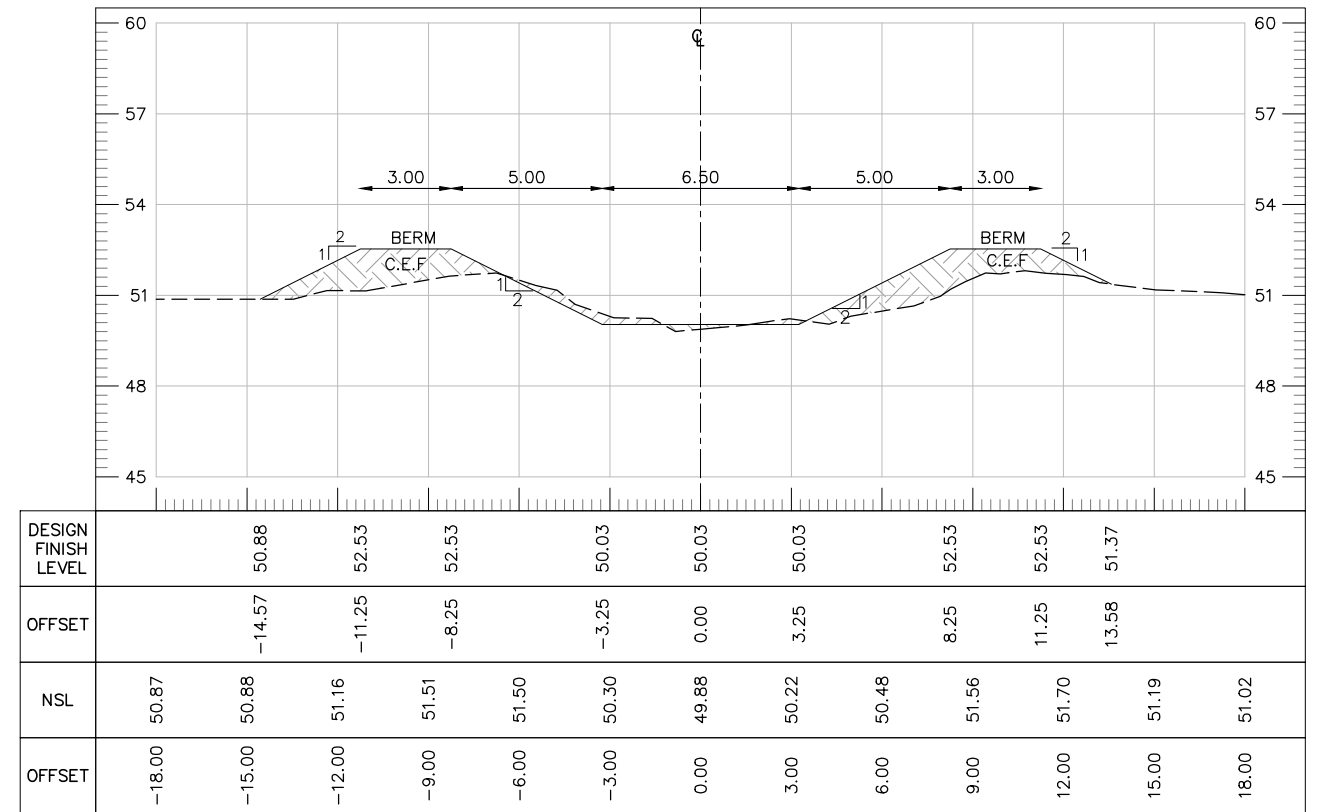


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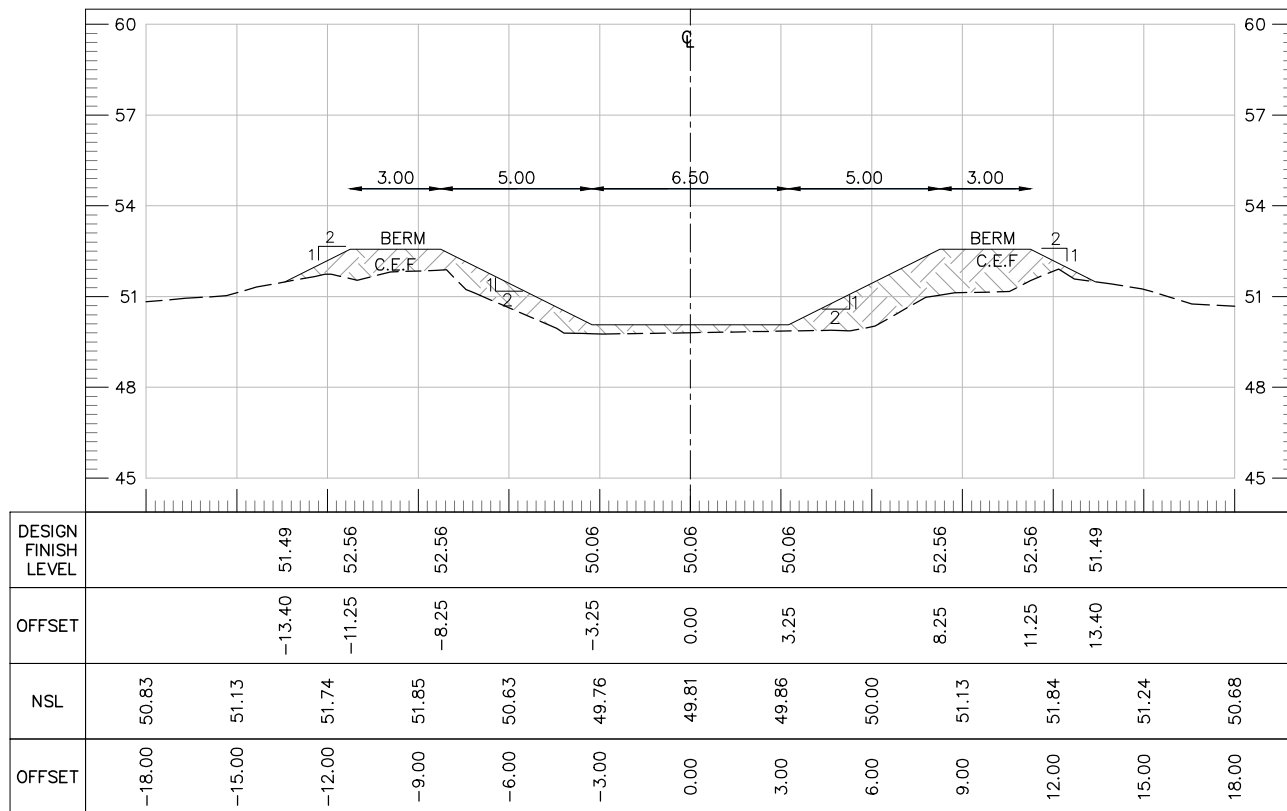
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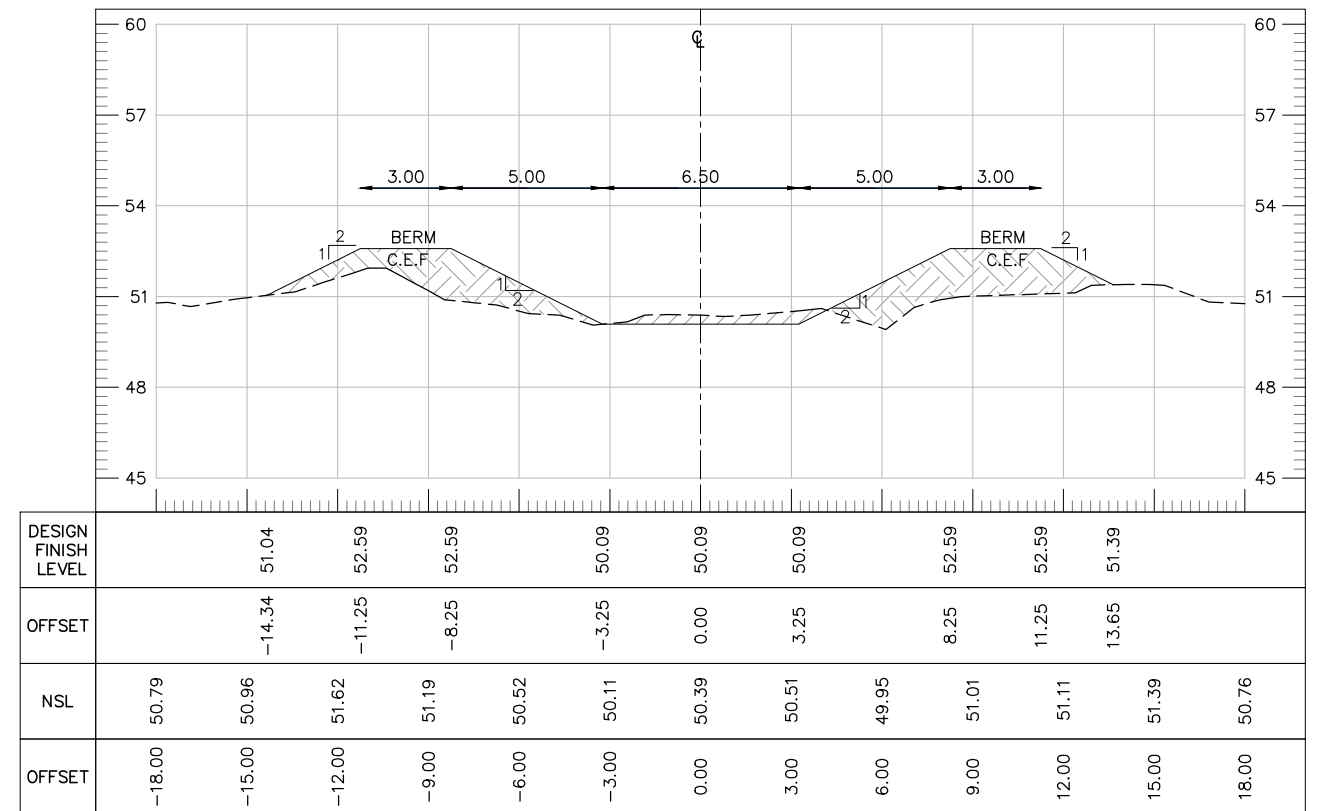
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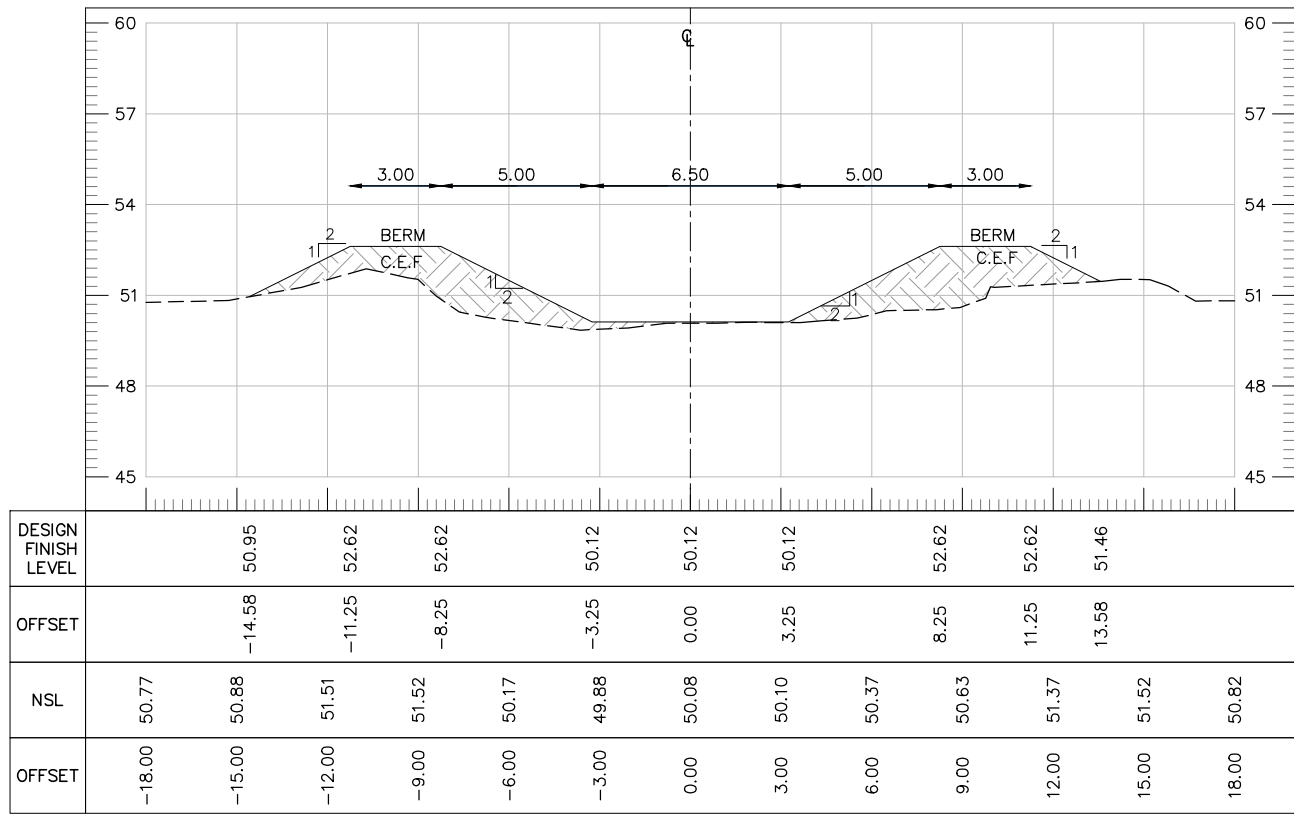


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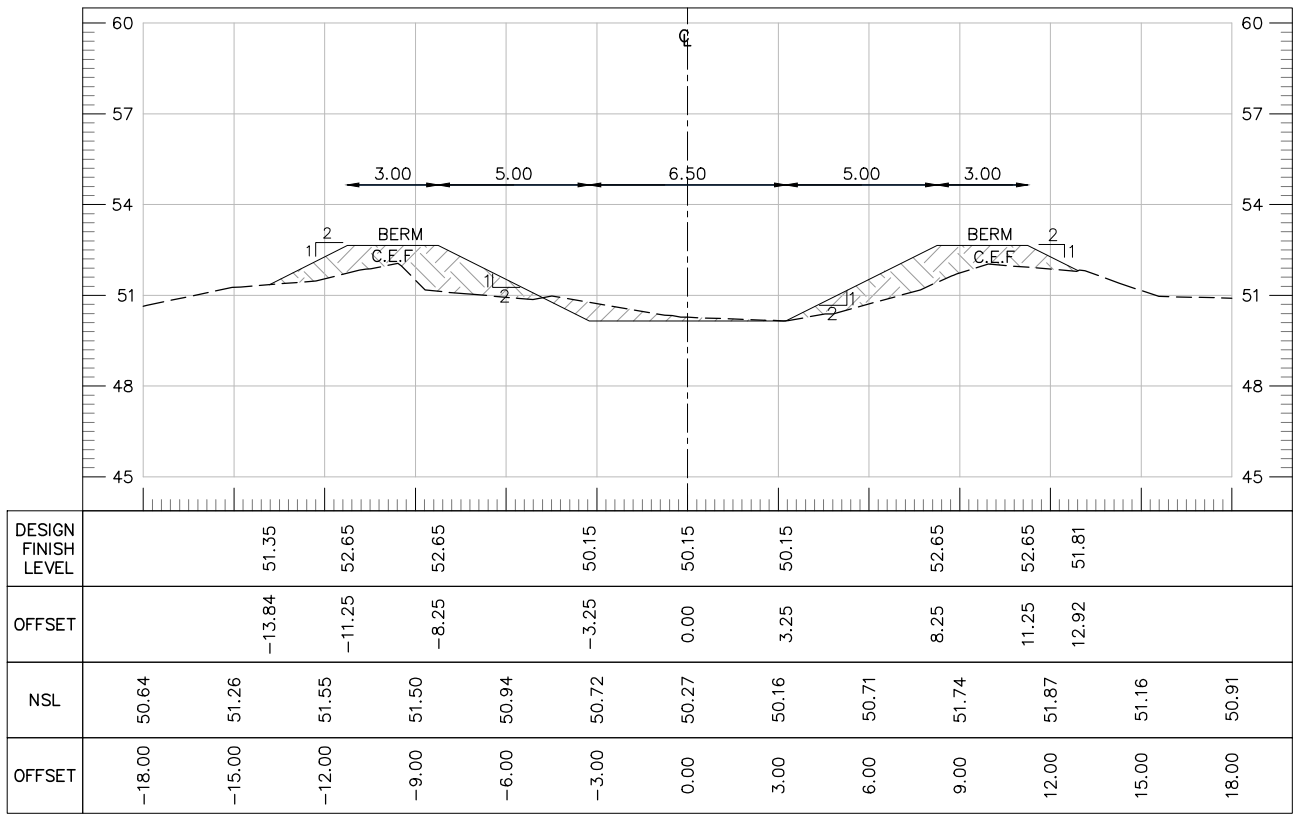


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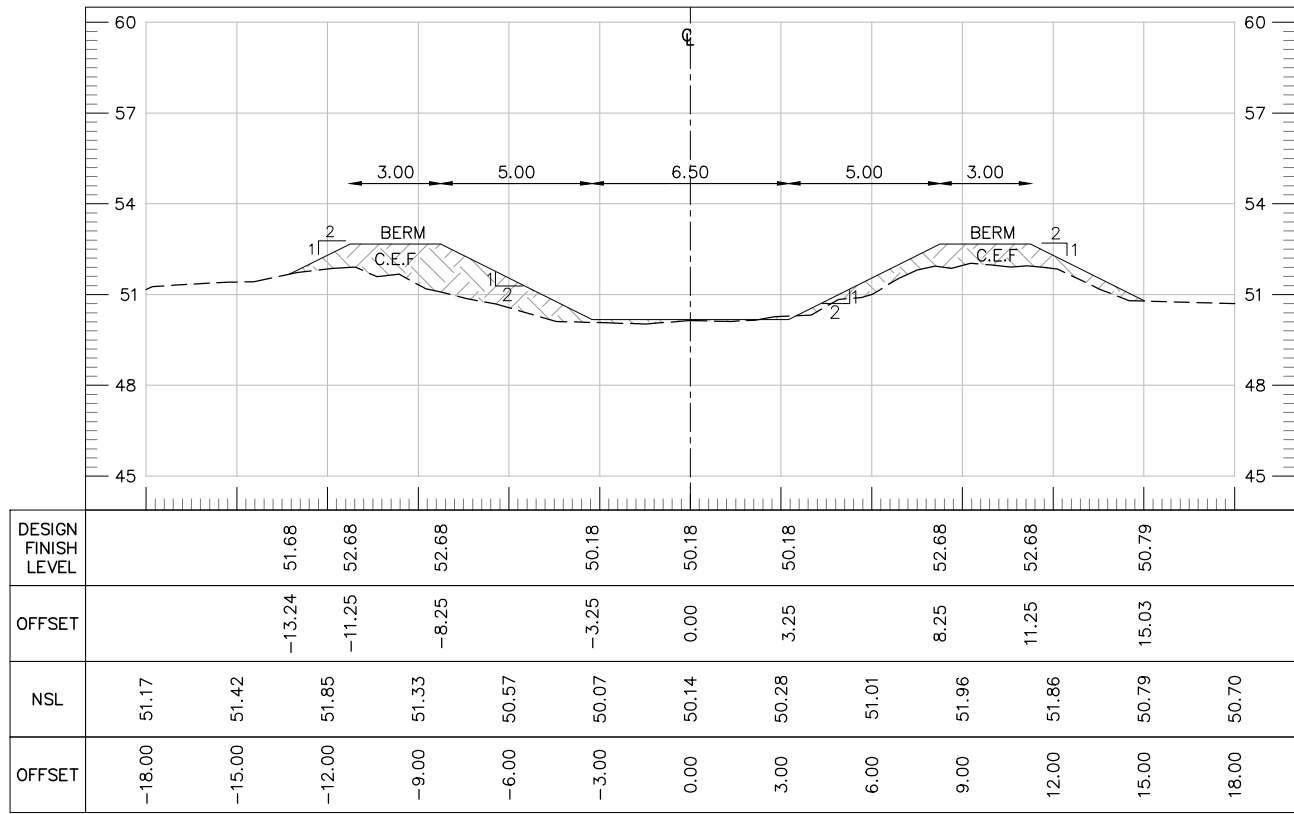
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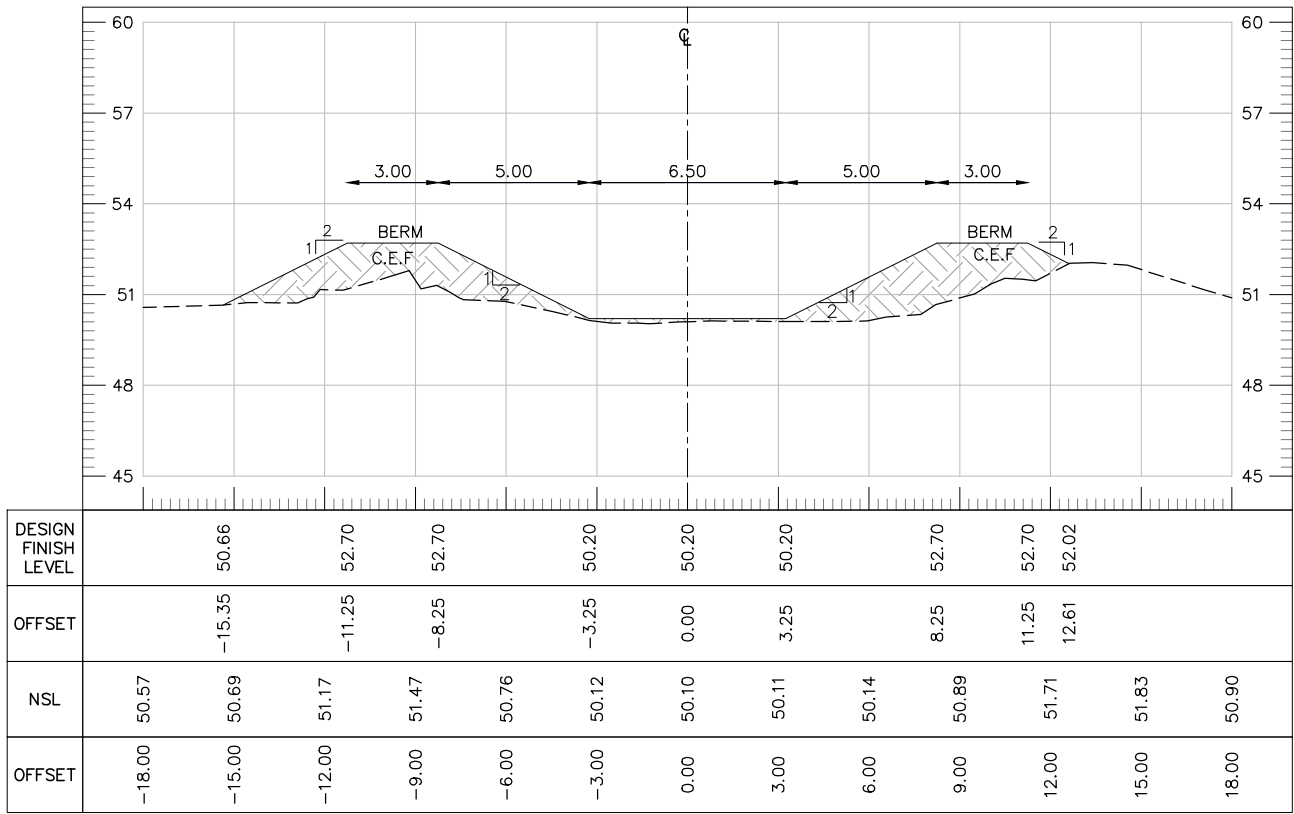
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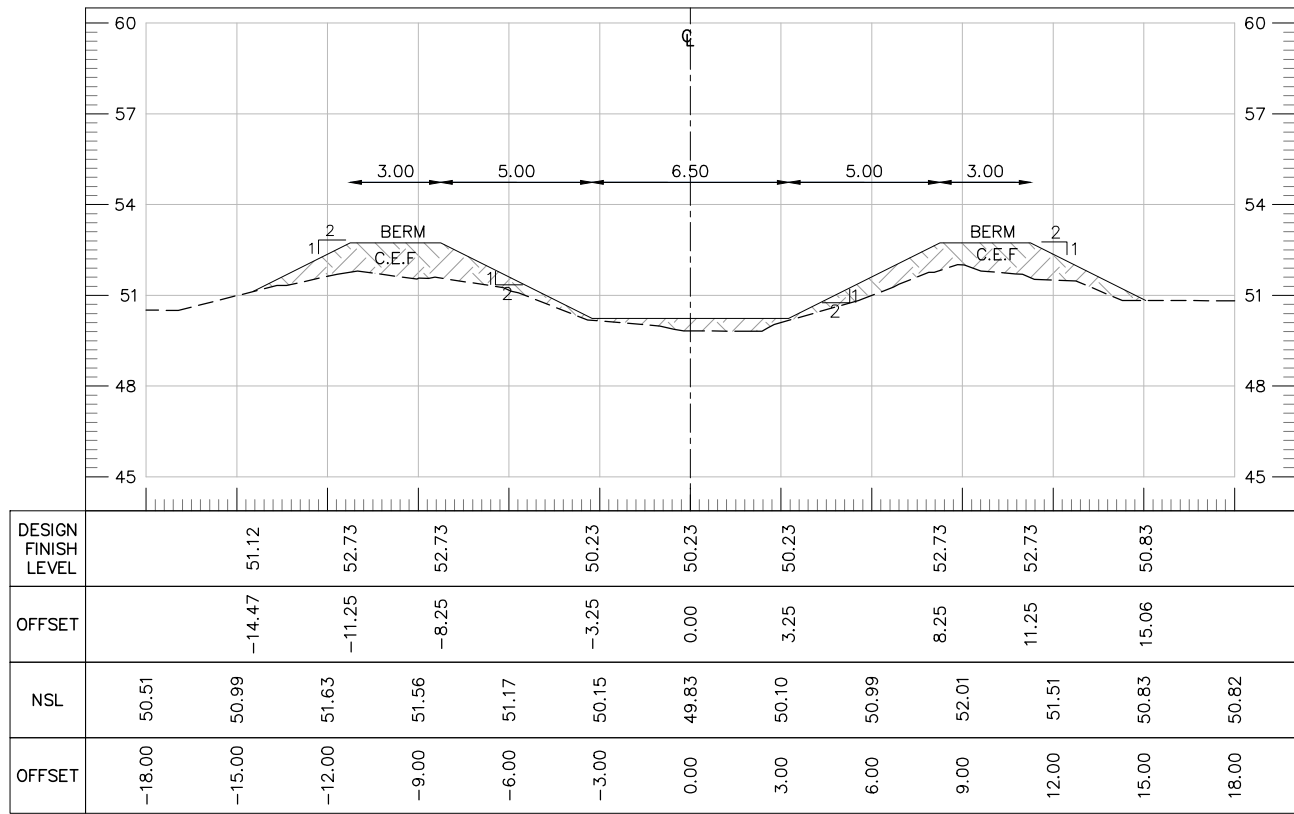


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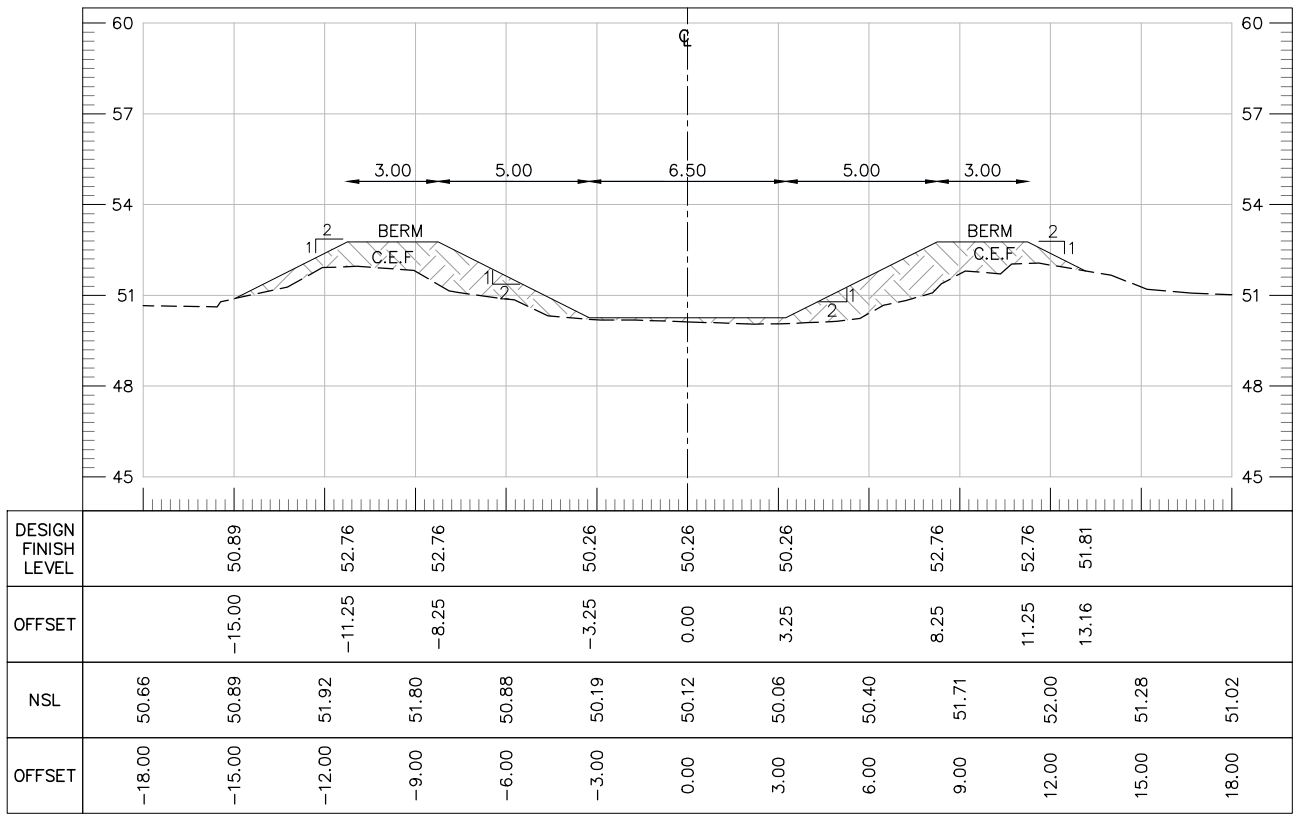


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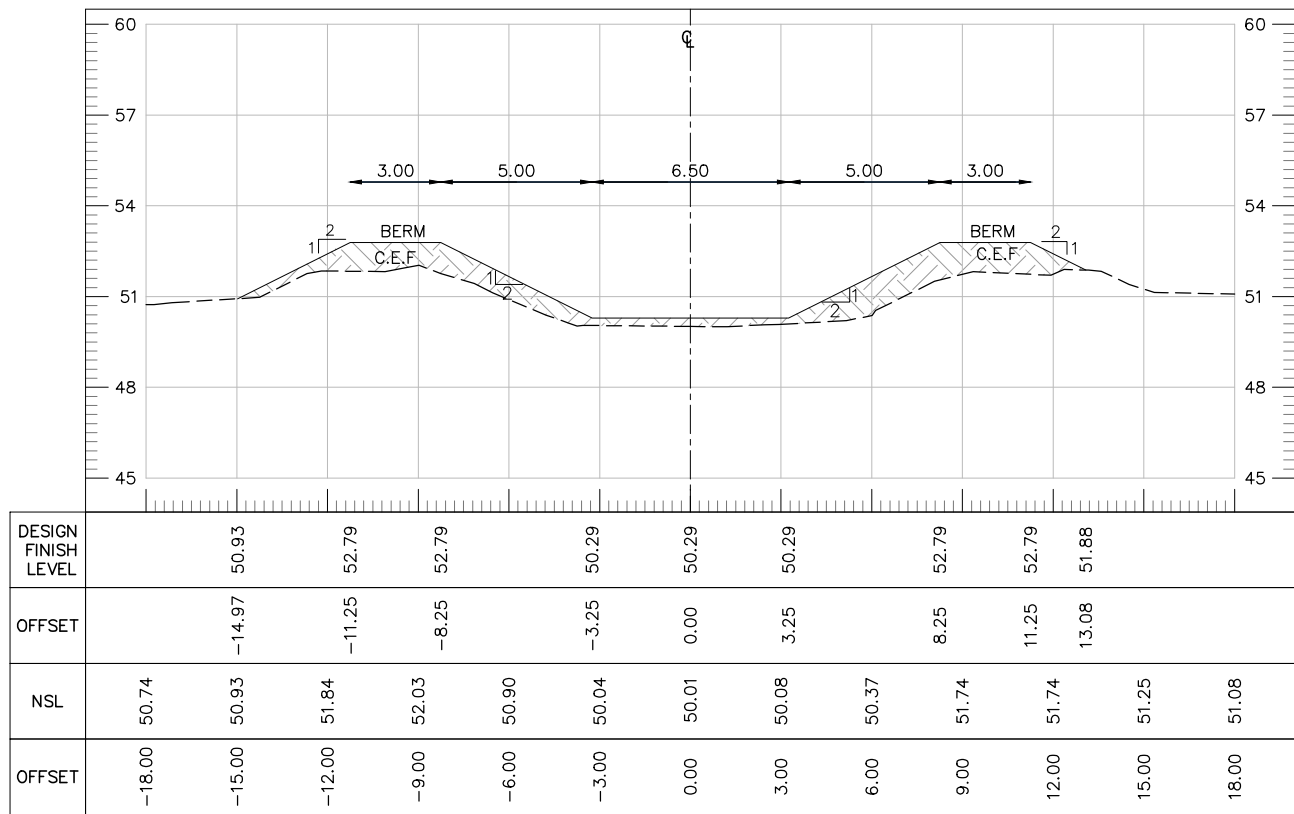
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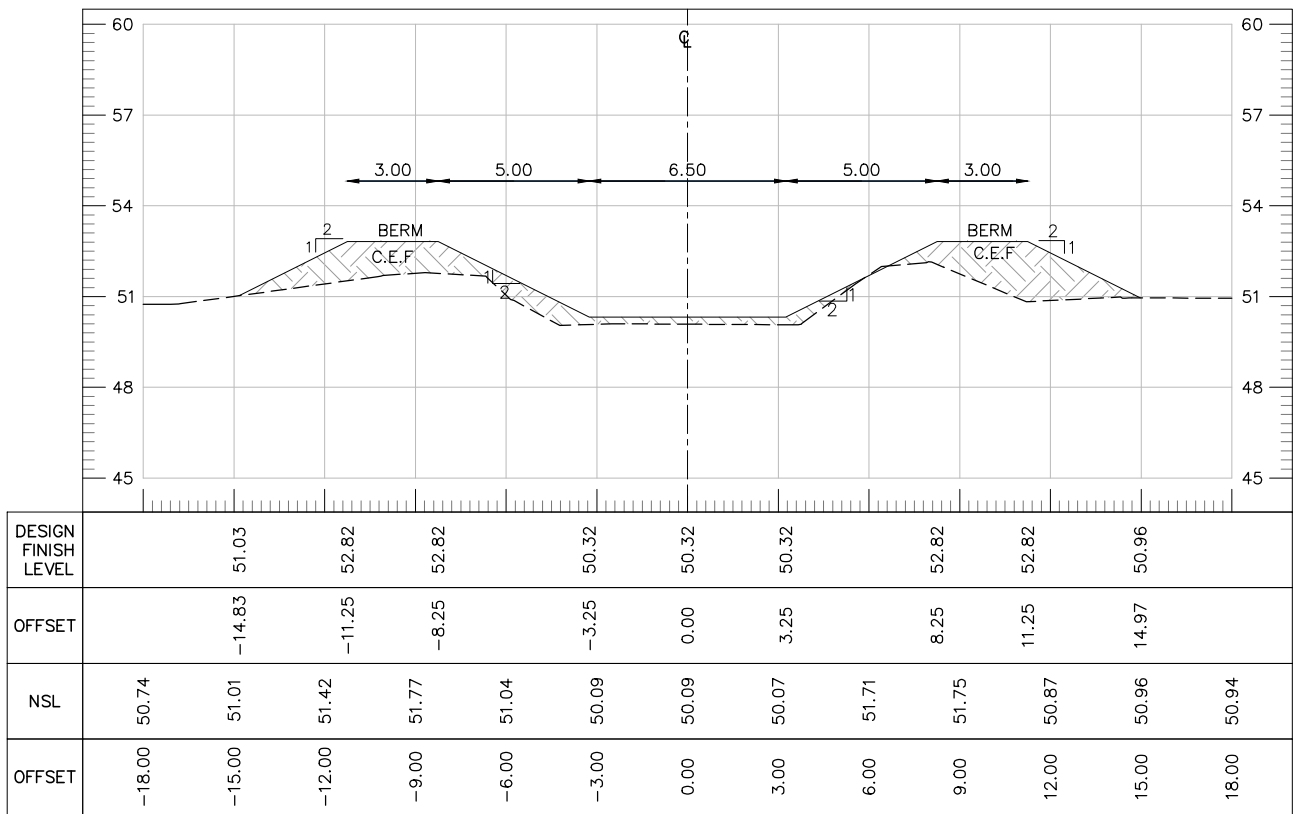
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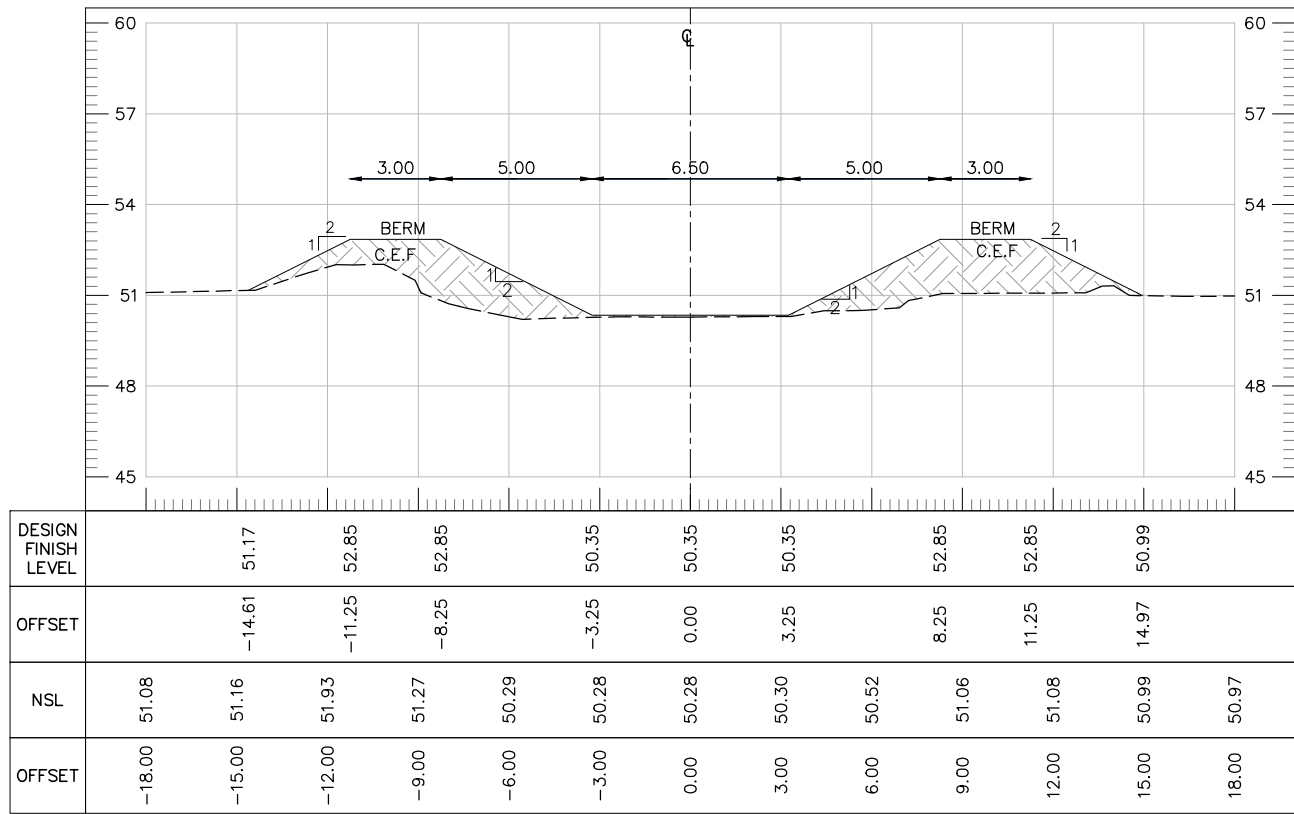


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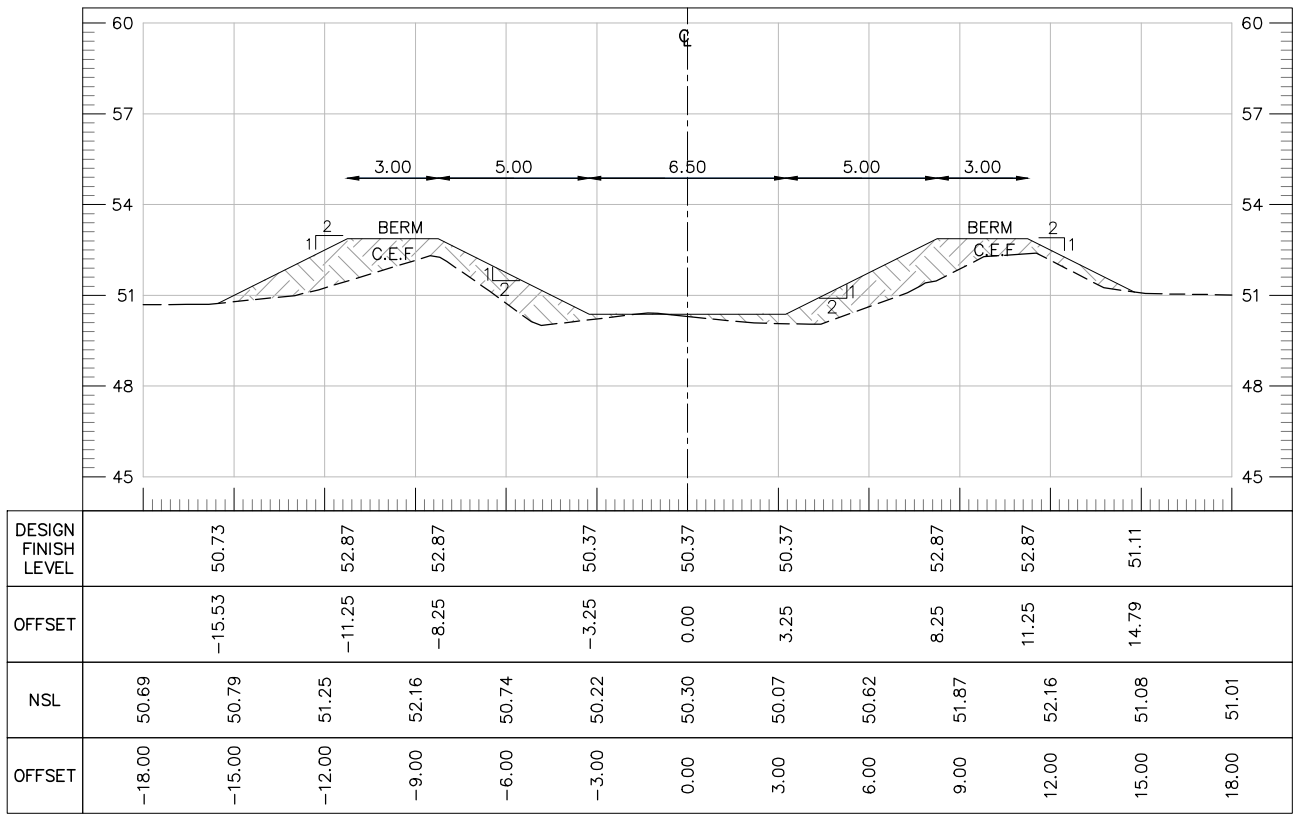


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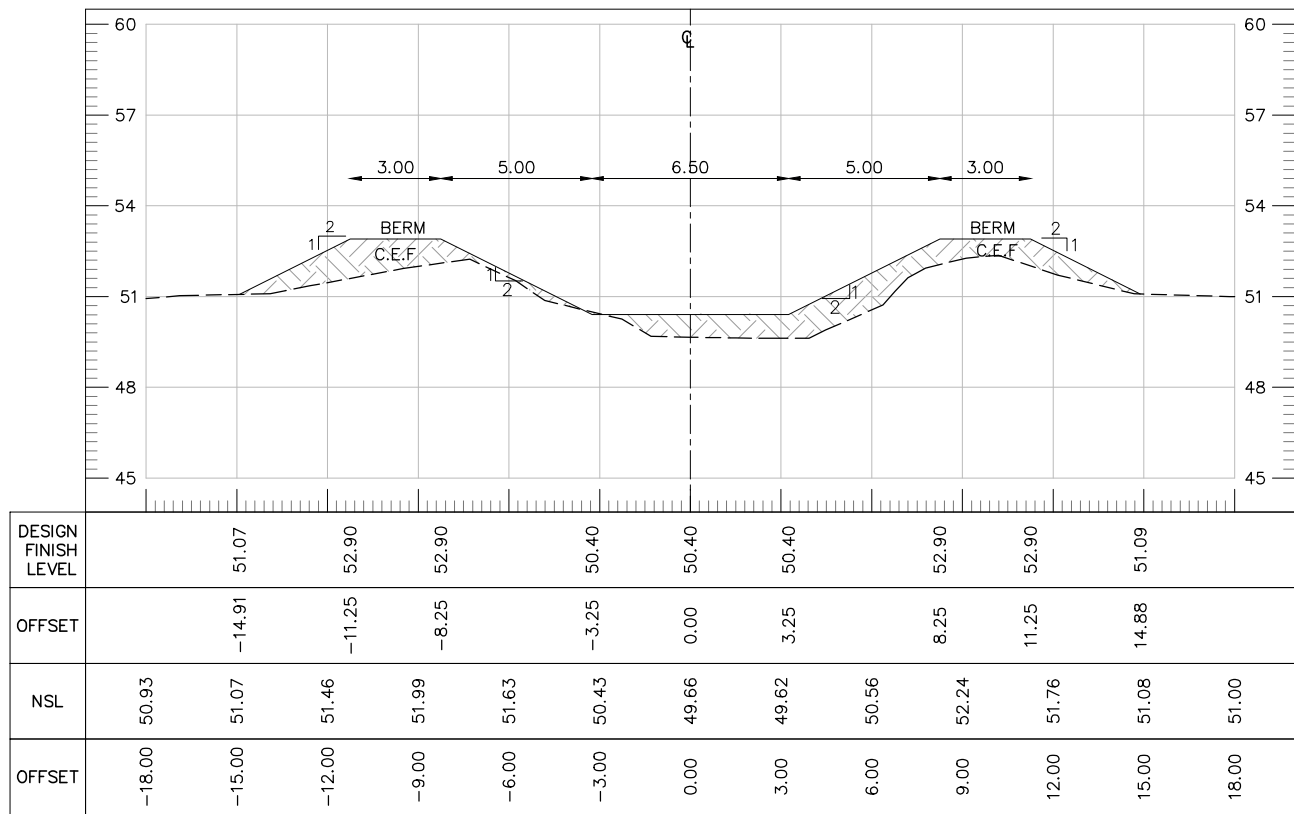
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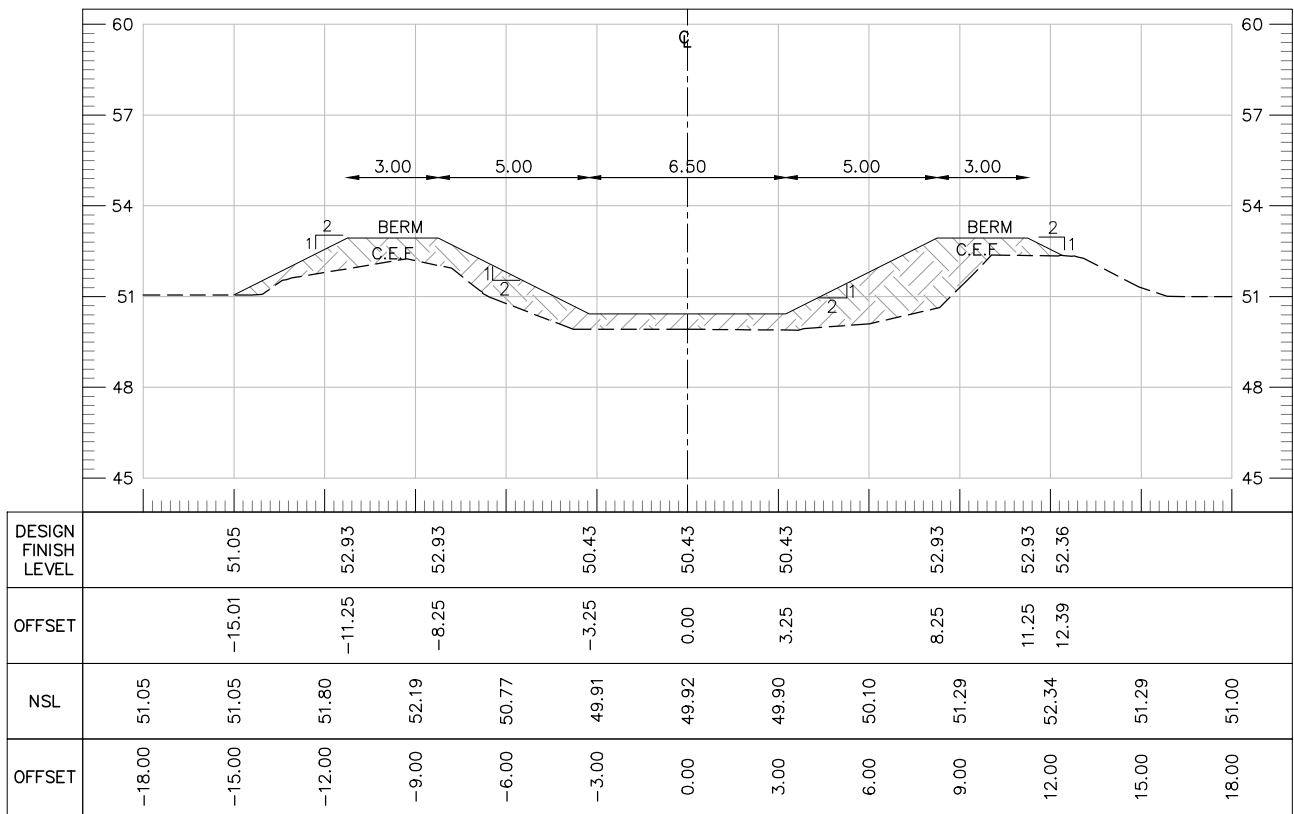
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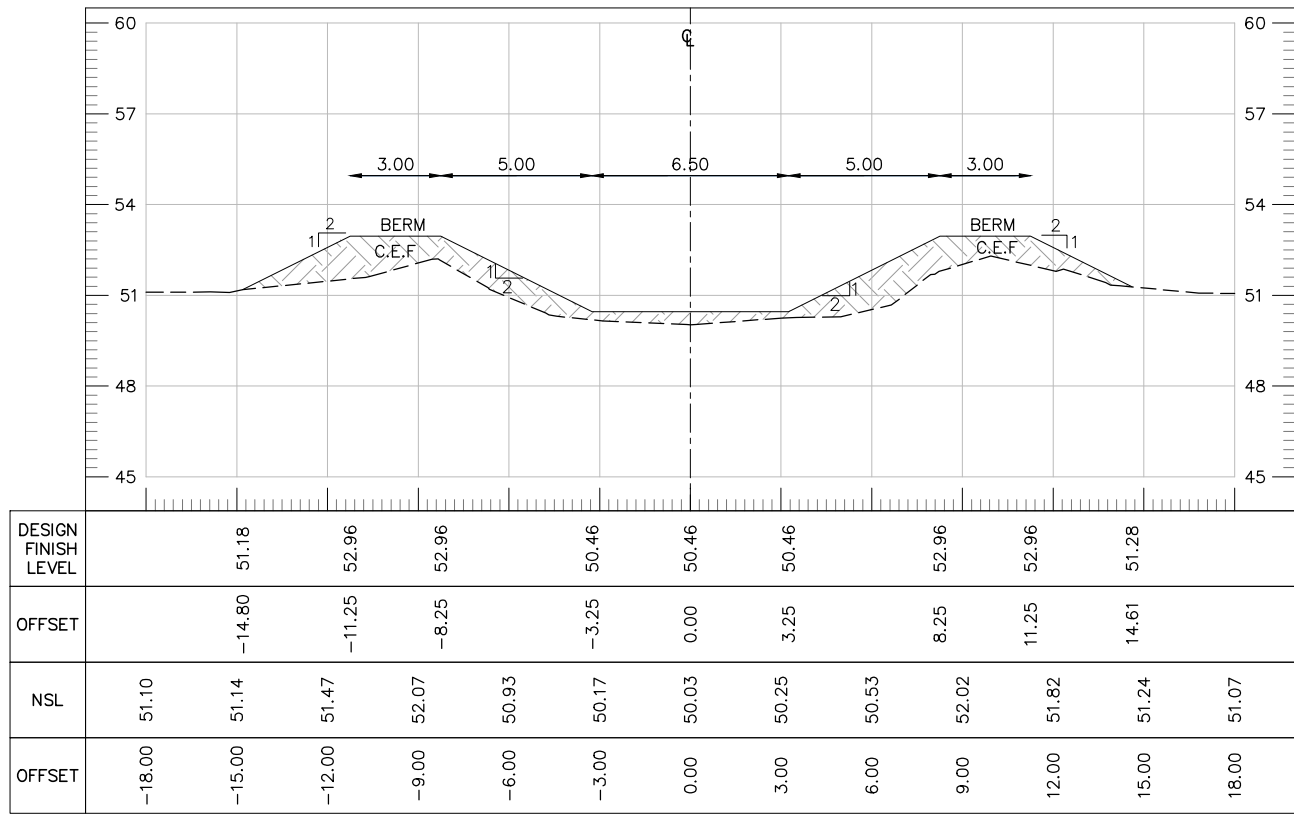


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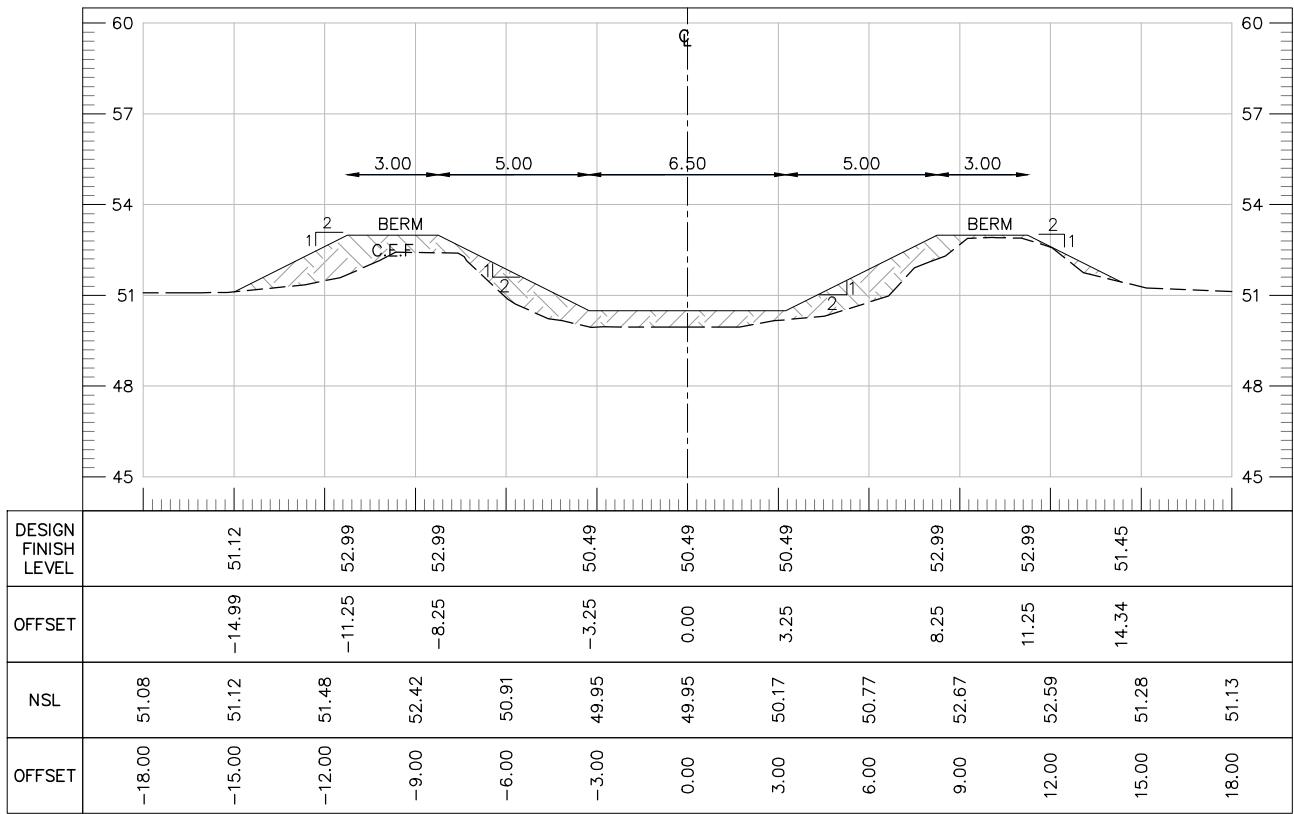


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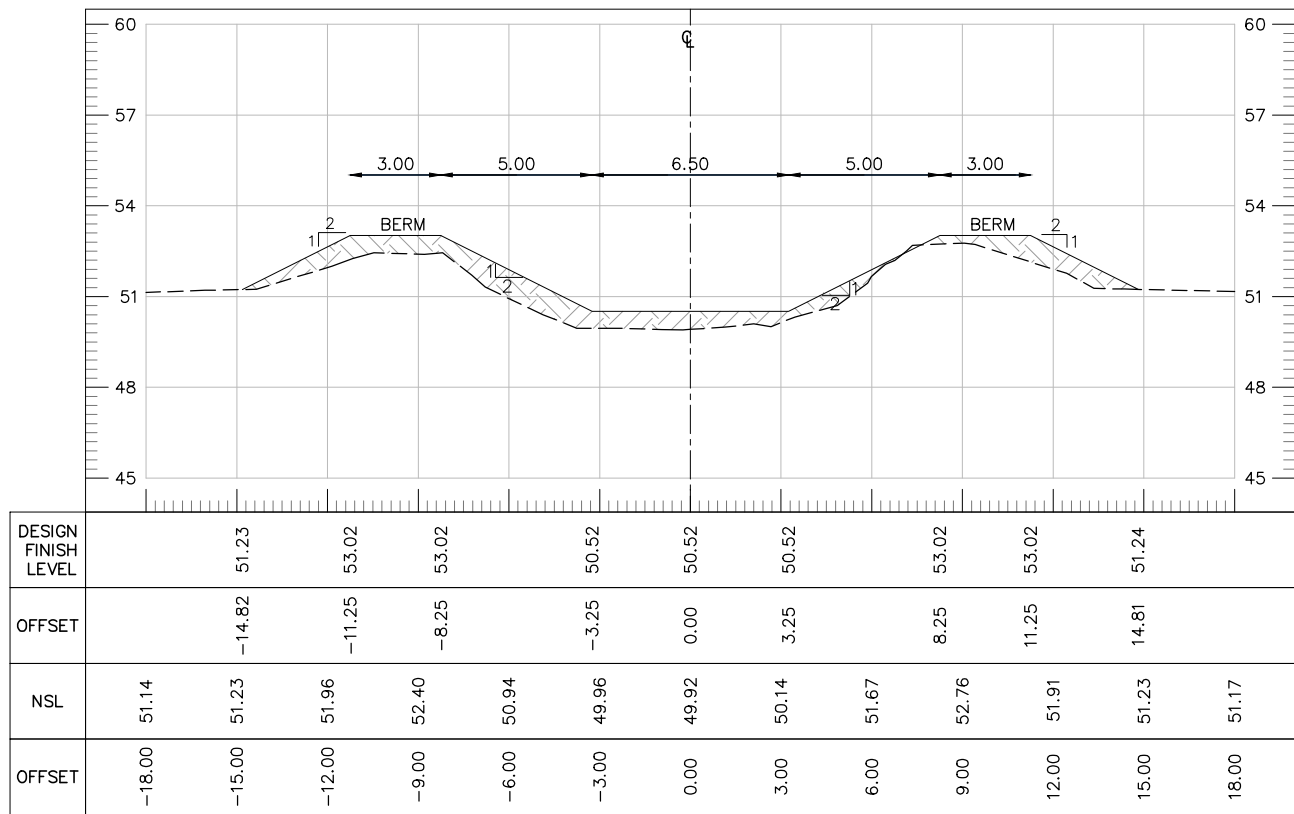
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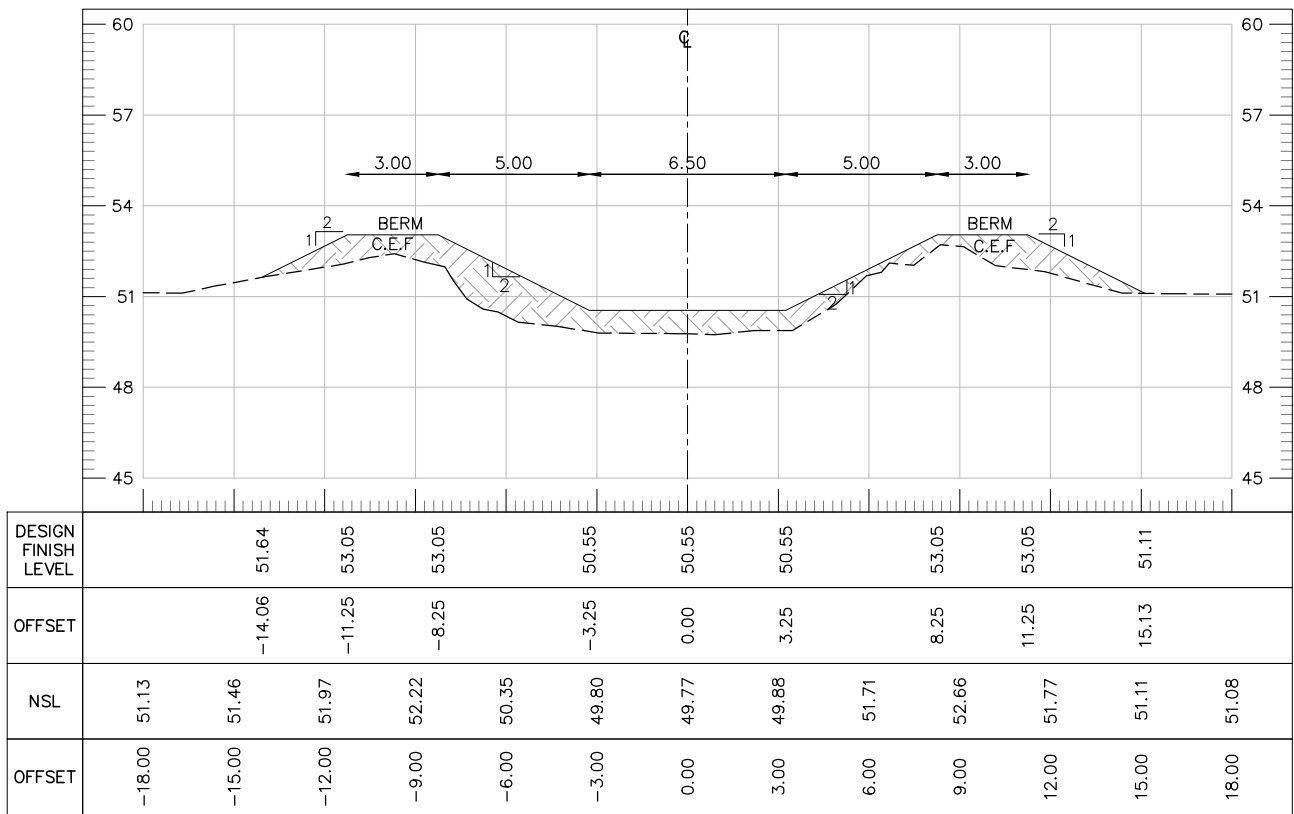
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AT RD 7+700.00

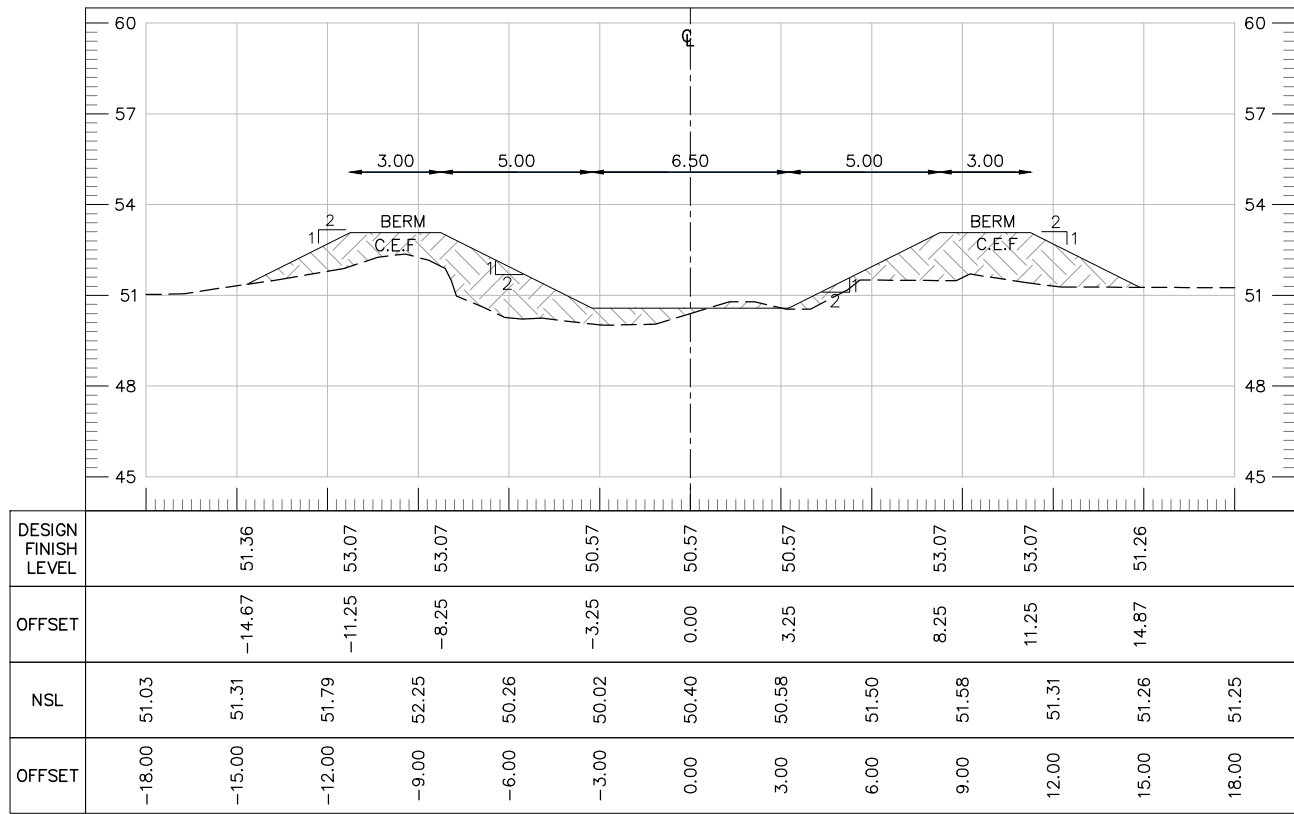


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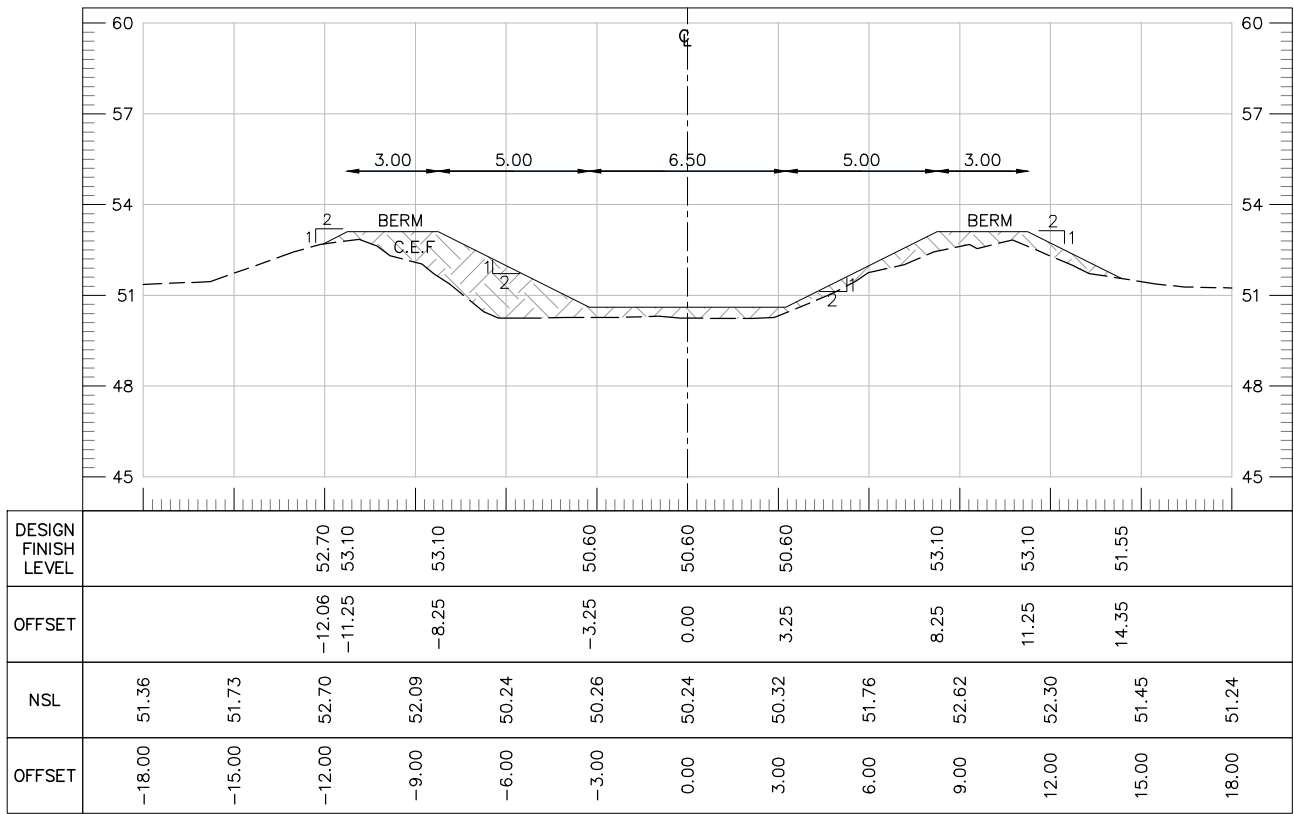


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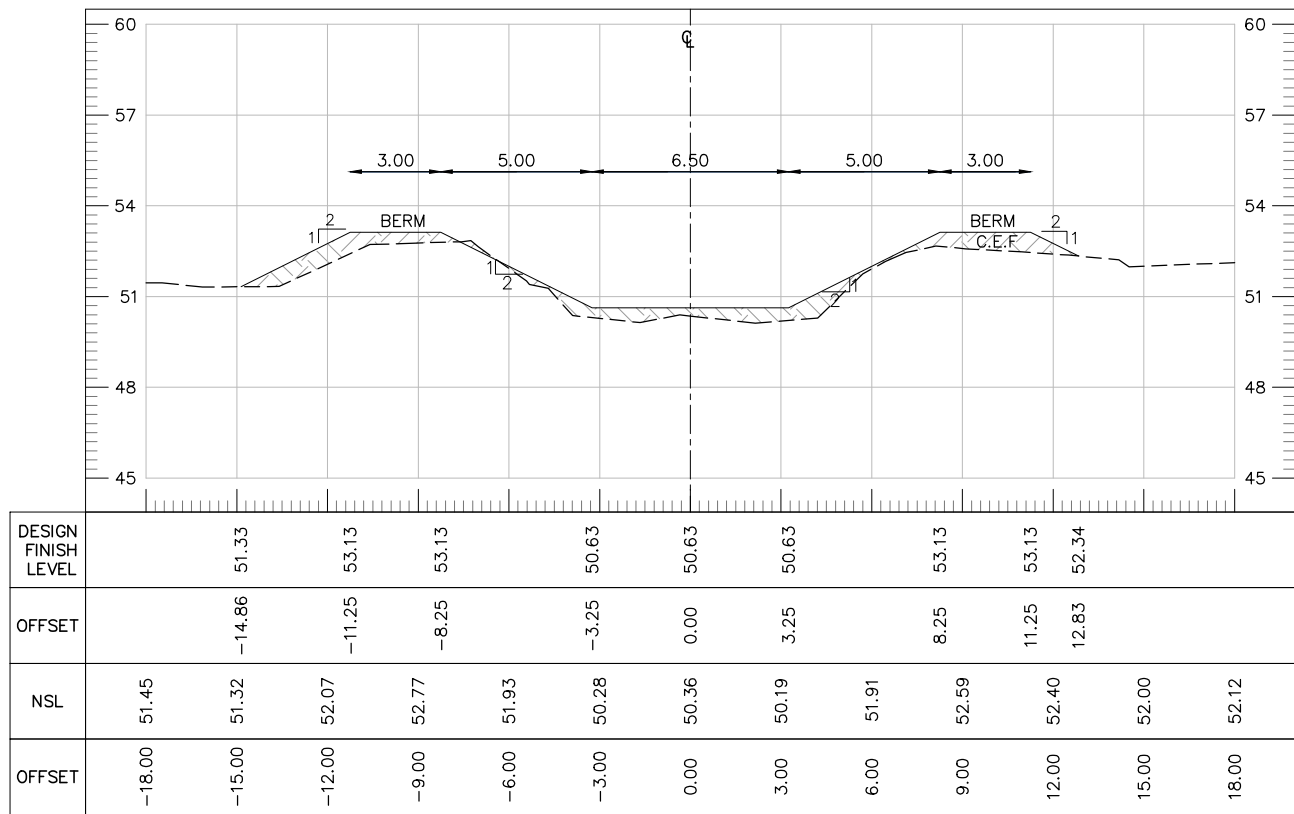
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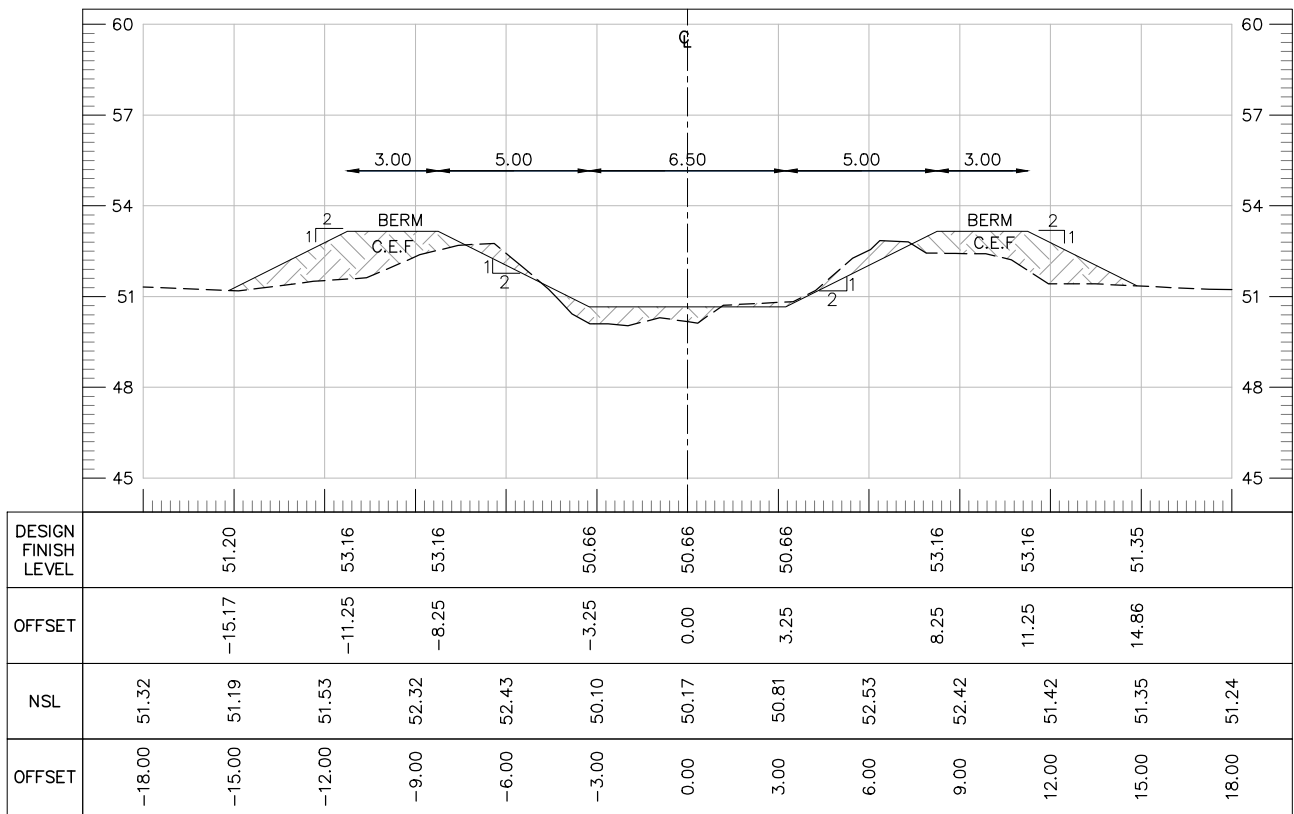
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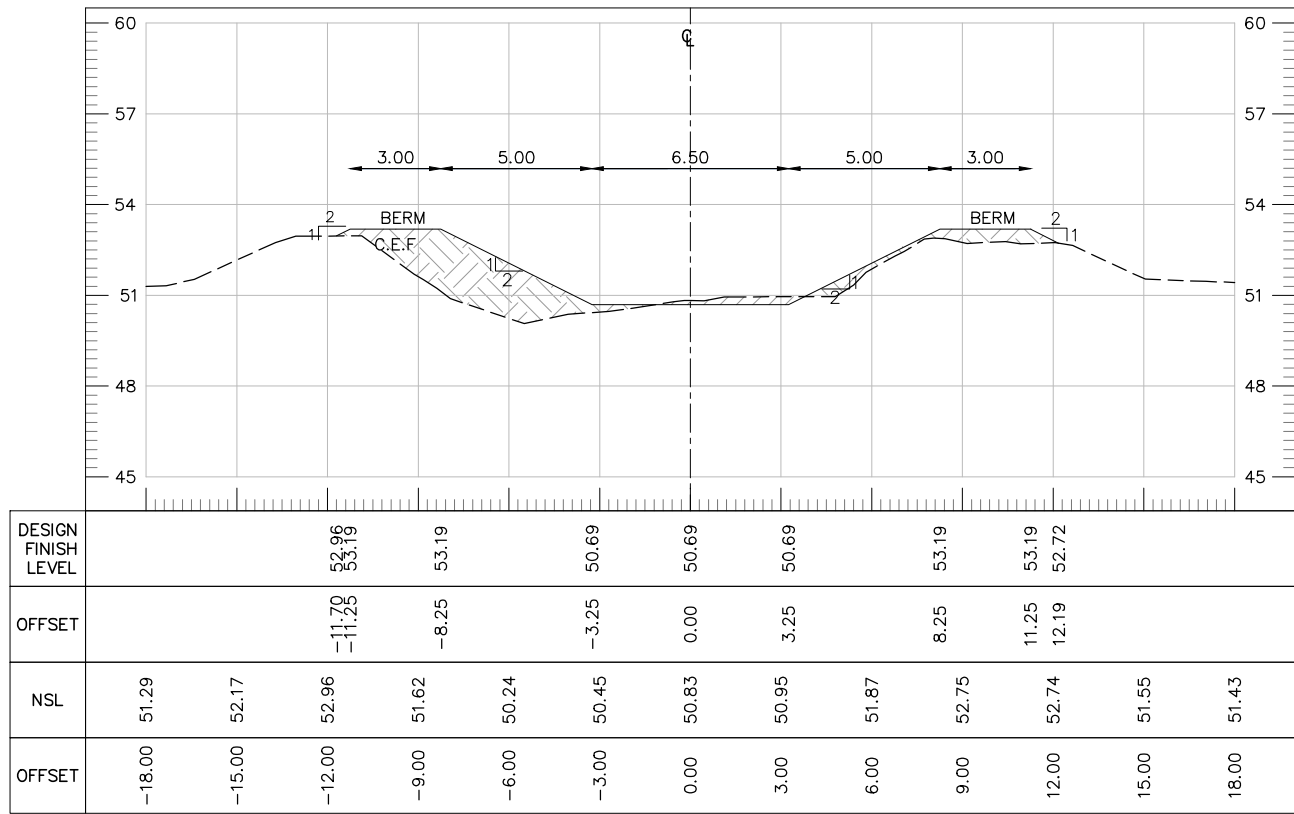


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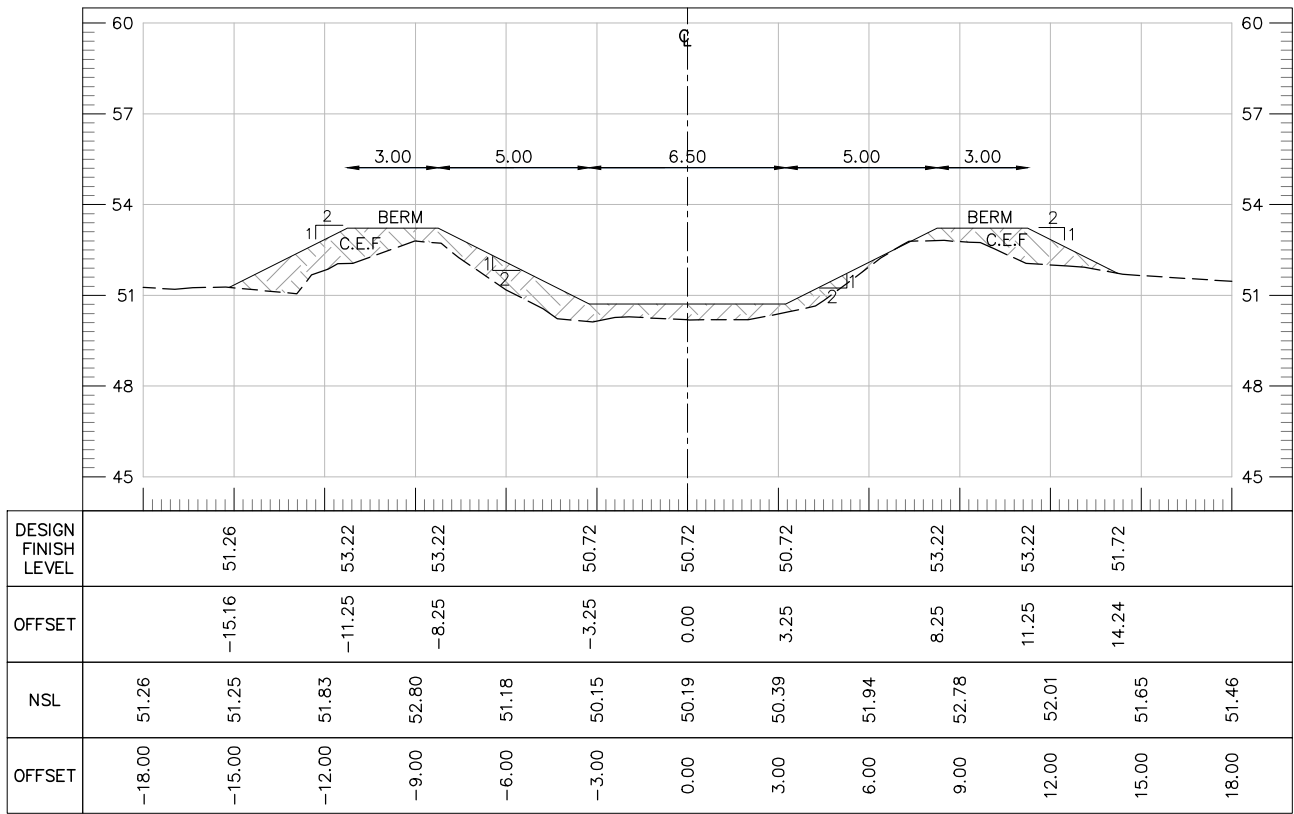


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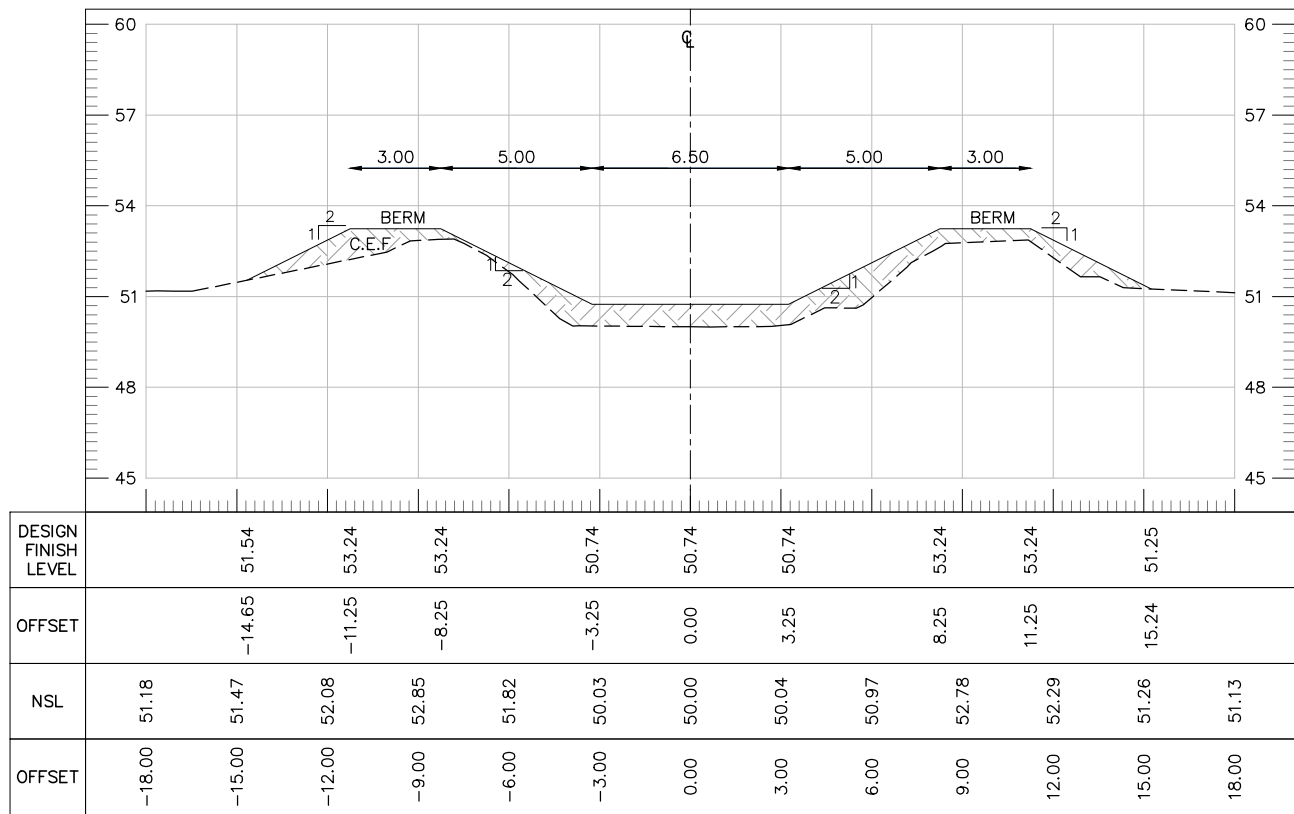
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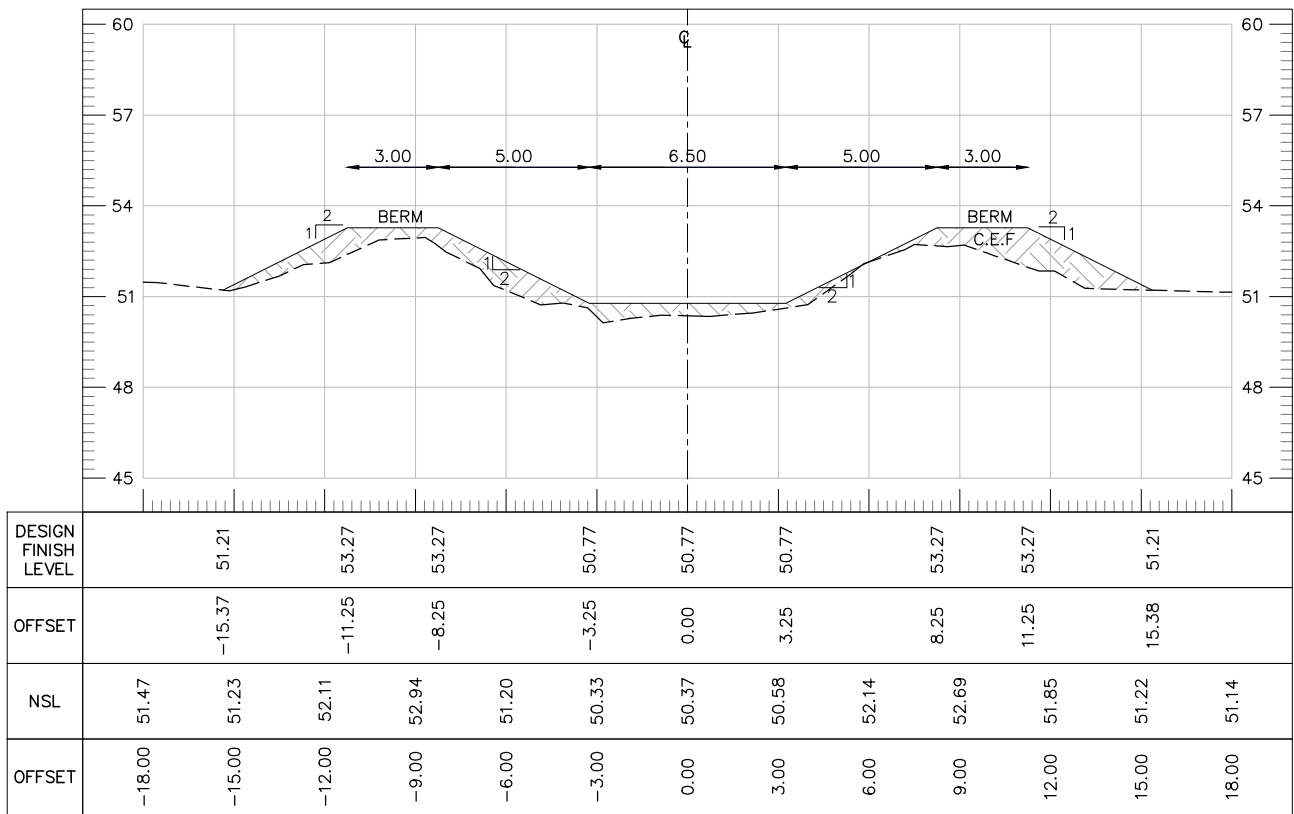
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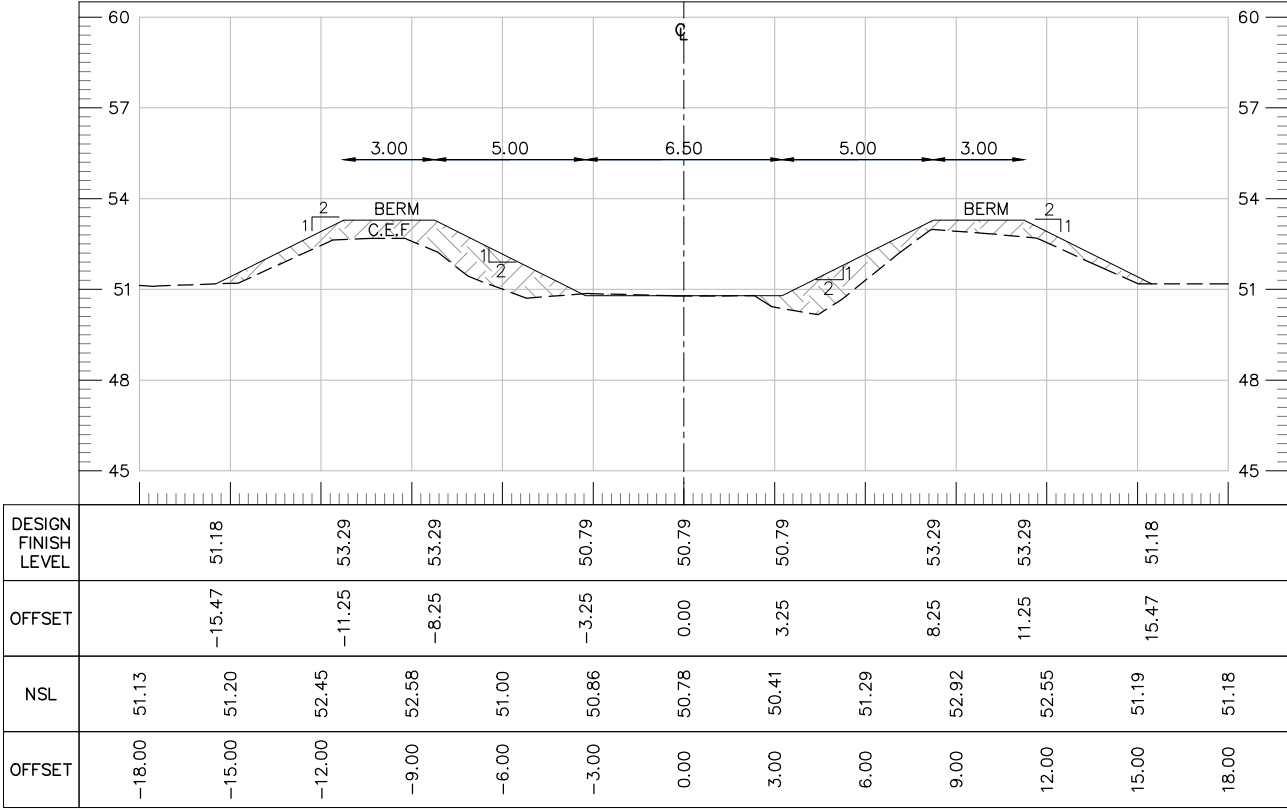


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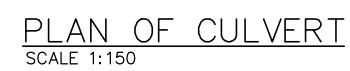
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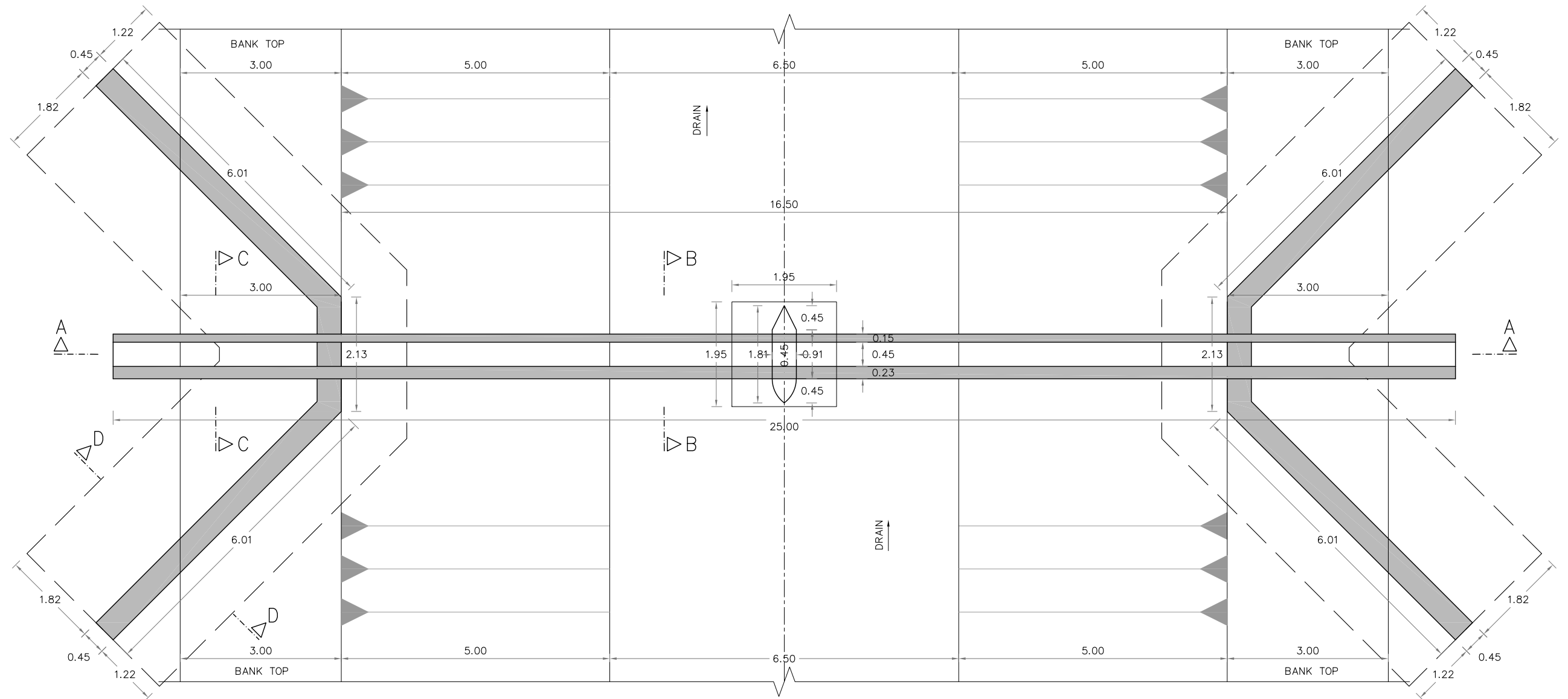
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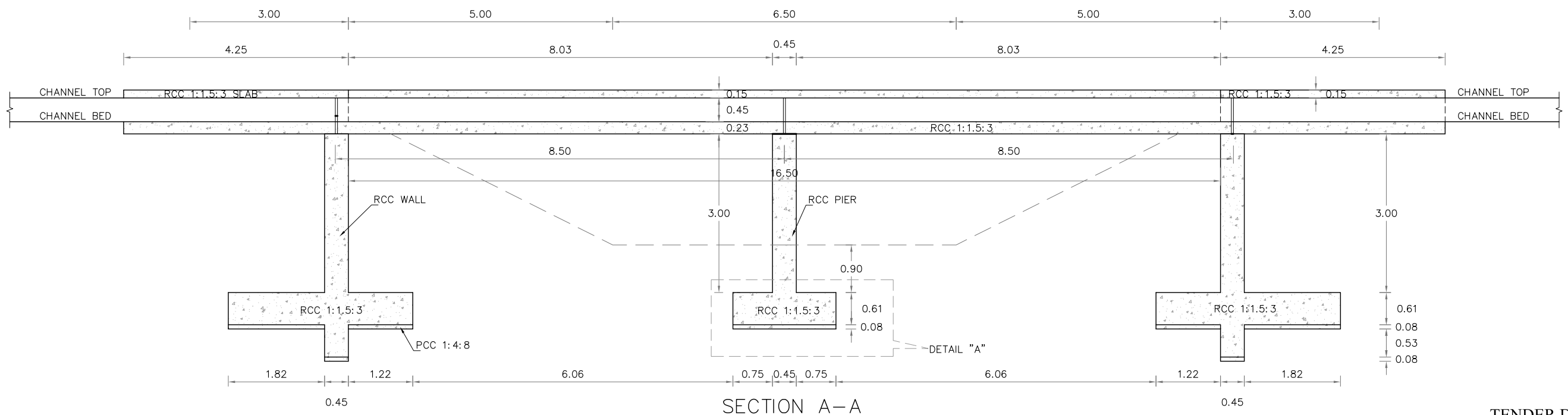
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TENDER DRAWINGS





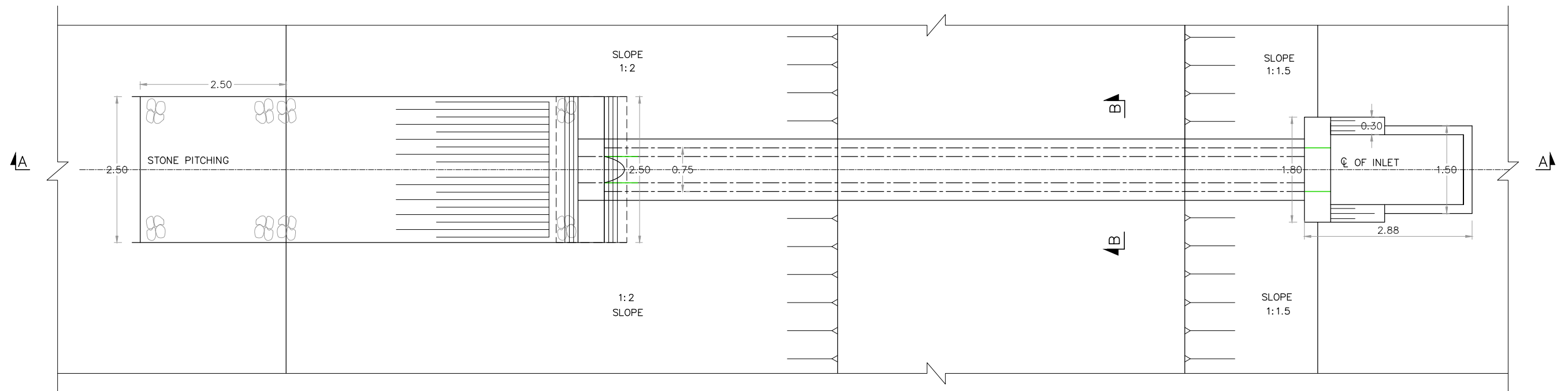
PLAN OF AQUEDUCT



SECTION A-A

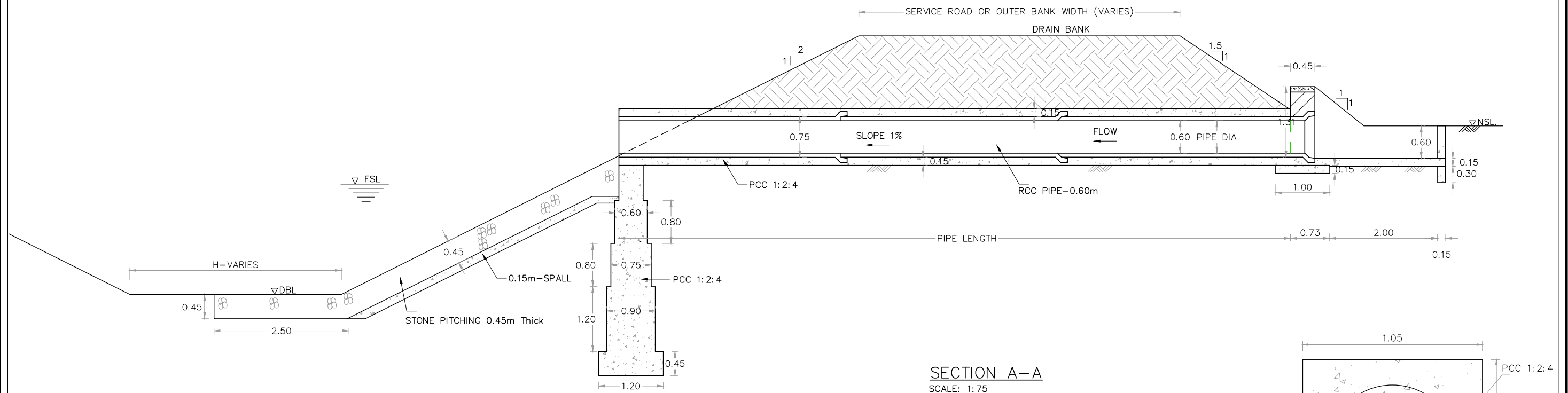
TENDER DRAWINGS

CLIENT:  IRRIGATION DEPARTMENT GOVERNMENT OF BALUCHISTAN	CONSULTANTS:  CAMEOS CONSULTANTS CONSULTING ENGINEERS ARCHITECTS & PLANNERS. PLOT NO.07 PARIS ARCADE STREET, NO. 36 E-11/3 MARKAZ ISLAMABAD. H. NO.38 CHAMAN HOUSING AIRPORT ROAD QUETTA.	PROJECT TITLE: INTEGRATED FLOOD RESILIENCE AND ADAPTATION PROJECT	SCHEME NAME: REHABILITATION OF MAIN DRAINS UMRANI , MAGSI AND RUPA DRAINS IN DISTRICT NASEERABAD AND JAFFARABAD (PACKAGE-04)	DRAWING TITLE:- PLAN AND SECTION A-A OF AQUEDUCT (2-SPAN) AT RD (0+275 & 0+370) ON RUPA DRAIN	NOTES: ALL LEVELS AND DIMENSIONS ARE IN METERS UNLESS INDICATED OTHERWISE.	DRAWN BY: KISHWAR CHECKED BY: ZIA-UL-HAQ FILE PATH: G/ IFRAP DRAWING NO: IFRAP-P04/RUPA-39	DESIGNED BY: KAMRAN BABAR SCALE: 1:85 DATE: SEP / 2025 SHEET:- 01 OF 06
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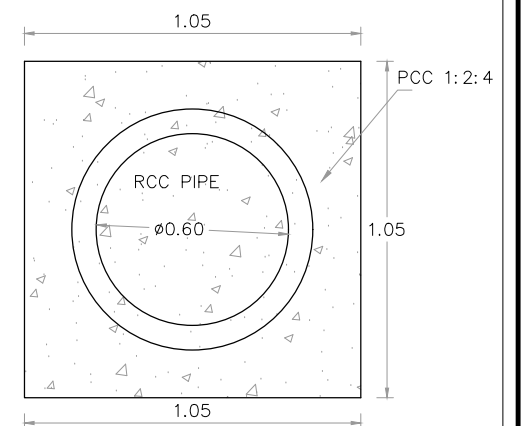
PLAN OF INLET STRUCTURE

SCALE: 1: 75



SECTION A-A

SCALE: 1: 75



SECTION B-B

SCALE: 1: 20

TENDER DRAWINGS

CLIENT:



IRRIGATION DEPARTMENT
GOVERNMENT OF
BALOCHISTAN

CONSULTANTS:



CONSULTANTS
CONSULTING ENGINEERS ARCHITECTS & PLANNERS.
PLOT NO.07 PARIS ARCADE STREET, NO. 36 E-11/3 MARKAZ ISLAMABAD.
H. NO.38 CHAMAN HOUSING AIRPORT ROAD QUETTA.

PROJECT TITLE:

INTEGRATED FLOOD RESILIENCE AND
ADAPTATION PROJECT

SCHEME NAME:

REHABILITATION OF MAIN DRAINS
UMRANI , MAGSI AND RUPA DRAINS IN
DISTRICT NASEERABAD AND JAFFARABAD
(PACKAGE-04)

DRAWING TITLE:-

TYPICAL PLAN, SECTION A-A &
B-B OF INLET STRUCTURE
OF RUPA DRAIN

NOTES:

ALL LEVELS AND DIMENSIONS ARE
IN METERS UNLESS INDICATED
OTHERWISE.

DRAWN BY: FAISAL / USAMA

CHECKED BY: ZIA-UL-HAQ

FILE PATH: G:/IFRAP

DRAWING NO: IFRAP-P04/RUPA-40

DESIGNED BY: KAMRAN BABAR

SCALE: AS SHOWN

DATE: AUG / 2025

SHEET:- 01 OF 01

S.NO	RD	STREUCTURE	NO OF INLETS
1	0+619	LEFT AND RIGHT PIPE	2
2	0+982	LEFT PIPE	1
3	1+030	RIGHT PIPE	1
4	1+271	RIGHT PIPE	1
5	1+588	RIGHT PIPE	1
6	1+905	RIGHT PIPE	1
7	2+063	RIGHT PIPE	1
8	2+556	LEFT PIPE	1
9	2+794	RIGHT PIPE	1
10	3+037	RIGHT PIPE	1
11	3+350	RIGHT PIPE	1
12	3+483	LEFT PIPE	1
13	3+733	RIGHT PIPE	1
14	4+050	LEFT PIPE	1
15	4+593	RIGHT PIPE	1
16	4+790	RIGHT PIPE	1
17	4+963	LEFT PIPE	1
18	5+253	LEFT AND RIGHT PIPE	2
19	6+076	LEFT PIPE	1
20	6+257	RIGHT PIPE	1
21	6+416	RIGHT PIPE	1
22	6+570	LEFT PIPE	1
23	6+726	RIGHT PIPE	1
24	7+207	LEFT AND RIGHT PIPE	2
25	7+858	LEFT AND RIGHT PIPE	2
26	8+027	LEFT PIPE	1
		TOTAL	30

TENDER DRAWINGS

CLIENT:  IRRIGATION DEPARTMENT GOVERNMENT OF BALOCHISTAN	CONSULTANTS:  CAMEOS CONSULTANTS CONSULTING ENGINEERS ARCHITECTS & PLANNERS. PLOT NO.07 PARIS ARCADE STREET, NO. 36 E-11/3 MARKAZ ISLAMABAD. H. NO.38 CHAMAN HOUSING AIRPORT ROAD QUETTA.	PROJECT TITLE: INTEGRATED FLOOD RESILIENCE AND ADAPTATION PROJECT	SCHEME NAME: REHABILITATION OF MAIN DRAINS UMRANI , MAGSI AND RUPA DRAINS IN DISTRICT NASEERABAD AND JAFFARABAD (PACKAGE-04)	DRAWING TITLE:- TABLE FOR INLET STRUCTURES OF RUPA DRAIN	NOTES: ALL LEVELS AND DIMENSIONS ARE IN METERS UNLESS INDICATED OTHERWISE.	DRAWN BY: FAISAL / USAMA	DESIGNED BY: KAMRAN BABAR
						CHECKED BY: ZIA-UL-HAQ	SCALE: N.T.S
						FILE PATH: G:/IFRAP	DATE: AUG / 2025
						DRAWING NO:IFRAP-P04/RUPA-41	SHEET:- 01 OF 01