RESTORATION / STRENGTHENING OF FLOOD EMBANKMENT OF MAIN RABI CANAL FROM RD.0 TO RD.100 AND RABI CANAL -II FROM RD.0 TO 22 KM DISTRICT NASEERABAD

DRAWING INDEX

S.No.	Drawing No.	Description	S.No.	Drawing No.	Description
		GENERAL	54	IFRAP-P04/RBC-51	CROSS SECTION OF RABI CANAL AT RD (4+000 TO 4+300)
01	IFRAP-P04/RBG-01	LOCATION AREA MAP	55	IFRAP-P04/RBC-52	CROSS SECTION OF RABI CANAL AT RD (4+400 TO 4+700)
02	IFRAP-P04/RBG-02	CATCHMENT AREA MAP	56	IFRAP-P04/RBC-53	CROSS SECTION OF RABI CANAL AT RD (4+800 TO 5+100)
		GEOLOGY	57	IFRAP-P04/RBC-54	CROSS SECTION OF RABI CANAL AT RD (5+200 TO 5+500)
03	IFRAP-P04/RBG-03	SITE GEOGICAL MAP	58	IFRAP-P04/RBC-55	CROSS SECTION OF RABI CANAL AT RD (5+600 TO 5+900)
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04	IFRAP-P04/RBC-01	GENERAL LAYOUT PLAN (SHEET-1)	60	IFRAP-P04/RBC-57	CROSS SECTION OF RABI CANAL AT RD (6+400 TO 6+700)
05	IFRAP-P04/RBC-02	PLAN AND PROFILE OF RABI CANAL SHEET (01 OF 38)	61	IFRAP-P04/RBC-58	CROSS SECTION OF RABI CANAL AT RD (6+800 TO 7+100)
06	IFRAP-P04/RBC-03	PLAN AND PROFILE OF RABI CANAL SHEET (02 OF 38)	62	IFRAP-P04/RBC-59	CROSS SECTION OF RABI CANAL AT RD (7+200 TO 7+500)
07	IFRAP-P04/RBC-04	PLAN AND PROFILE OF RABI CANAL SHEET (03 OF 38)	63	IFRAP-P04/RBC-60	CROSS SECTION OF RABI CANAL AT RD (7+600 TO 7+900)
08	IFRAP-P04/RBC-05	PLAN AND PROFILE OF RABI CANAL SHEET (04 OF 38)	64	IFRAP-P04/RBC-61	CROSS SECTION OF RABI CANAL AT RD (8+000 TO 8+300)
09	IFRAP-P04/RBC-06	PLAN AND PROFILE OF RABI CANAL SHEET (05 OF 38)	65	IFRAP-P04/RBC-62	CROSS SECTION OF RABI CANAL AT RD (8+400 TO 8+700)
10	IFRAP-P04/RBC-07	PLAN AND PROFILE OF RABI CANAL SHEET (06 OF 38)	66	IFRAP-P04/RBC-63	CROSS SECTION OF RABI CANAL AT RD (8+800 TO 9+100)
11	IFRAP-P04/RBC-08	PLAN AND PROFILE OF RABI CANAL SHEET (07 OF 38)	67	IFRAP-P04/RBC-64	CROSS SECTION OF RABI CANAL AT RD (9+200 TO 9+500)
12	IFRAP-P04/RBC-09	PLAN AND PROFILE OF RABI CANAL SHEET (08 OF 38)	68	IFRAP-P04/RBC-65	CROSS SECTION OF RABI CANAL AT RD (9+600 TO 9+900)
13	IFRAP-P04/RBC-10	PLAN AND PROFILE OF RABI CANAL SHEET (09 OF 38)	69	IFRAP-P04/RBC-66	CROSS SECTION OF RABI CANAL AT RD (10+000 TO 10+300)
14	IFRAP-P04/RBC-11	PLAN AND PROFILE OF RABI CANAL SHEET (10 OF 38)	70	IFRAP-P04/RBC-67	CROSS SECTION OF RABI CANAL AT RD (10+400 TO 10+700)
15	IFRAP-P04/RBC-12	PLAN AND PROFILE OF RABI CANAL SHEET (11 OF 38)	71	IFRAP-P04/RBC-68	CROSS SECTION OF RABI CANAL AT RD (10+800 TO 11+100)
16	IFRAP-P04/RBC-13	PLAN AND PROFILE OF RABI CANAL SHEET (12 OF 38)	72	IFRAP-P04/RBC-69	CROSS SECTION OF RABI CANAL AT RD (11+200 TO 11+500)
17	IFRAP-P04/RBC-14	PLAN AND PROFILE OF RABI CANAL SHEET (13 OF 38)	73	IFRAP-P04/RBC-70	CROSS SECTION OF RABI CANAL AT RD (11+600 TO 11+900)
18	IFRAP-P04/RBC-15	PLAN AND PROFILE OF RABI CANAL SHEET (14 OF 38)	74	IFRAP-P04/RBC-71	CROSS SECTION OF RABI CANAL AT RD (12+000 TO 12+300)
19	IFRAP-P04/RBC-16	PLAN AND PROFILE OF RABI CANAL SHEET (15 OF 38)	75	IFRAP-P04/RBC-72	CROSS SECTION OF RABI CANAL AT RD (12+400 TO 12+700)
20	IFRAP-P04/RBC-17	PLAN AND PROFILE OF RABI CANAL SHEET (16 OF 38)	76	IFRAP-P04/RBC-73	CROSS SECTION OF RABI CANAL AT RD (12+800 TO 13+100)
21	IFRAP-P04/RBC-18	PLAN AND PROFILE OF RABI CANAL SHEET (17 OF 38)	77	IFRAP-P04/RBC-74	CROSS SECTION OF RABI CANAL AT RD (13+200 TO 13+500)
22	IFRAP-P04/RBC-19	PLAN AND PROFILE OF RABI CANAL SHEET (18 OF 38)	78	IFRAP-P04/RBC-75	CROSS SECTION OF RABI CANAL AT RD (13+600 TO 13+900)
23	IFRAP-P04/RBC-20	PLAN AND PROFILE OF RABI CANAL SHEET (19 OF 38)	79	IFRAP-P04/RBC-76	CROSS SECTION OF RABI CANAL AT RD (14+000 TO 14+300)
24	IFRAP-P04/RBC-21	PLAN AND PROFILE OF RABI CANAL SHEET (20 OF 38)	80	IFRAP-P04/RBC-77	CROSS SECTION OF RABI CANAL AT RD (14+400 TO 14+700)
25	IFRAP-P04/RBC-22	PLAN AND PROFILE OF RABI CANAL SHEET (21 OF 38)	81	IFRAP-P04/RBC-78	CROSS SECTION OF RABI CANAL AT RD (14+800 TO 15+100)
26	IFRAP-P04/RBC-23	PLAN AND PROFILE OF RABI CANAL SHEET (22 OF 38)	82	IFRAP-P04/RBC-79	CROSS SECTION OF RABI CANAL AT RD (15+200 TO 15+500)
27	IFRAP-P04/RBC-24	PLAN AND PROFILE OF RABI CANAL SHEET (23 OF 38)	83	IFRAP-P04/RBC-80	CROSS SECTION OF RABI CANAL AT RD (15+600 TO 15+900)
28	IFRAP-P04/RBC-25	PLAN AND PROFILE OF RABI CANAL SHEET (24 OF 38)	84	IFRAP-P04/RBC-81	CROSS SECTION OF RABI CANAL AT RD (16+000 TO 16+300)
29	IFRAP-P04/RBC-26	PLAN AND PROFILE OF RABI CANAL SHEET (25 OF 38)	85	IFRAP-P04/RBC-82	CROSS SECTION OF RABI CANAL AT RD (16+400 TO 16+700)
30	IFRAP-P04/RBC-27	PLAN AND PROFILE OF RABI CANAL SHEET (26 OF 38)	86	IFRAP-P04/RBC-83	CROSS SECTION OF RABI CANAL AT RD (16+800 TO 17+100)
31	IFRAP-P04/RBC-28	PLAN AND PROFILE OF RABI CANAL SHEET (27 OF 38)	87	IFRAP-P04/RBC-84	CROSS SECTION OF RABI CANAL AT RD (17+200 TO 17+500)
32	IFRAP-P04/RBC-29	PLAN AND PROFILE OF RABI CANAL SHEET (28 OF 38)	88	IFRAP-P04/RBC-85	CROSS SECTION OF RABI CANAL AT RD (17+600 TO 17+900)
33	IFRAP-P04/RBC-30	PLAN AND PROFILE OF RABI CANAL SHEET (29 OF 38)	89	IFRAP-P04/RBC-86	CROSS SECTION OF RABI CANAL AT RD (18+000 TO 18+300)
34	IFRAP-P04/RBC-31	PLAN AND PROFILE OF RABI CANAL SHEET (30 OF 38)	90	IFRAP-P04/RBC-87	CROSS SECTION OF RABI CANAL AT RD (18+400 TO 18+700)
35	IFRAP-P04/RBC-32	PLAN AND PROFILE OF RABI CANAL SHEET (31 OF 38)	91	IFRAP-P04/RBC-88	CROSS SECTION OF RABI CANAL AT RD (18+800 TO 19+100)
36	IFRAP-P04/RBC-33	PLAN AND PROFILE OF RABI CANAL SHEET (32 OF 38)	92	IFRAP-P04/RBC-89	CROSS SECTION OF RABI CANAL AT RD (19+200 TO 19+500)
37	IFRAP-P04/RBC-34	PLAN AND PROFILE OF RABI CANAL SHEET (33 OF 38)	93	IFRAP-P04/RBC-90	CROSS SECTION OF RABI CANAL AT RD (19+600 TO 19+900)
38	IFRAP-P04/RBC-35	PLAN AND PROFILE OF RABI CANAL SHEET (34 OF 38)	94	IFRAP-P04/RBC-91	CROSS SECTION OF RABI CANAL AT RD (20+000 TO 20+300)
39	IFRAP-P04/RBC-36	PLAN AND PROFILE OF RABI CANAL SHEET (35 OF 38)	95	IFRAP-P04/RBC-92	CROSS SECTION OF RABI CANAL AT RD (20+400 TO 20+700)
40	IFRAP-P04/RBC-37	PLAN AND PROFILE OF RABI CANAL SHEET (36 OF 38)	96	IFRAP-P04/RBC-93	CROSS SECTION OF RABI CANAL AT RD (20+800 TO 21+100)
41	IFRAP-P04/RBC-38	PLAN AND PROFILE OF RABI CANAL SHEET (37 OF 38)	97	IFRAP-P04/RBC-94	CROSS SECTION OF RABI CANAL AT RD (21+200 TO 21+500)
42	IFRAP-P04/RBC-39	PLAN AND PROFILE OF RABI CANAL SHEET (38 OF 38)	98	IFRAP-P04/RBC-95	CROSS SECTION OF RABI CANAL AT RD (21+600 TO 21+900)
43	IFRAP-P04/RBC-40	TYPICAL CROSS SECTION OF RABI CANAL	99	IFRAP-P04/RBC-96	CROSS SECTION OF RABI CANAL AT RD (22+000 TO 22+300)
44	IFRAP-P04/RBC- 41	CROSS SECTION OF RABI CANAL AT RD (0+000 TO 0+300)	100	IFRAP-P04/RBC-97	CROSS SECTION OF RABI CANAL AT RD (22+400 TO 22+700)
45	IFRAP-P04/RBC-42	CROSS SECTION OF RABI CANAL AT RD (0+400 TO 0+700)	101	IFRAP-P04/RBC-98	CROSS SECTION OF RABI CANAL AT RD (22+800 TO 23+100)
46	IFRAP-P04/RBC-43	CROSS SECTION OF RABI CANAL AT RD (0+800 TO 1+100)	102	IFRAP-P04/RBC-99	CROSS SECTION OF RABI CANAL AT RD (23+200 TO 23+500)
47	IFRAP-P04/RBC-44	CROSS SECTION OF RABI CANAL AT RD (1+200 TO 1+500)	103	IFRAP-P04/RBC-100	CROSS SECTION OF RABI CANAL AT RD (23+600 TO 23+900)
48	IFRAP-P04/RBC-45	CROSS SECTION OF RABI CANAL AT RD (1+600 TO 1+900)	104	IFRAP-P04/RBC-101	CROSS SECTION OF RABI CANAL AT RD (24+000 TO 24+300)
49	IFRAP-P04/RBC-46	CROSS SECTION OF RABI CANAL AT RD (2+000 TO 2+300)	105	IFRAP-P04/RBC-102	CROSS SECTION OF RABI CANAL AT RD (24+400 TO 24+700)
50	IFRAP-P04/RBC-47	CROSS SECTION OF RABI CANAL AT RD (2+400 TO 2+700)	106	IFRAP-P04/RBC-103	CROSS SECTION OF RABI CANAL AT RD (24+800 TO 25+000)
51	IFRAP-P04/RBC-48	CROSS SECTION OF RABI CANAL AT RD (2+800 TO 3+100)			STRUCTURE
52	IFRAP-P04/RBC-49	CROSS SECTION OF RABI CANAL AT RD (3+200 TO 3+500)	107	IFRAP-P04/RBC-104	TYPICAL PLAN AND SECTION A-A OF INLET STRUCTURE
53	IFRAP-P04/RBC-50	CROSS SECTION OF RABI CANAL AT RD (3+600 TO 3+900)			

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:
RESTORATION / STRENGTHENING OF FLOOD EMBANKMENT OF MAIN RABI CANAL FROM RD 0 TO RD 100 AND RABI CANAL-II FROM RD 0 TO 22 KM DISTRICT NASEERABAD

DRAWING TITLE:-
DRAWING INDEX

NOTES:
ALL LEVELS AND DIMENSIONS ARE IN METERS UNLESS INDICATED OTHERWISE.

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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) $L = (\Pi \times R \times \Delta) / 180$ $T = R \times TAN(\Delta / 2)$ $E = R [SEC(\Delta/2) - 1]$ $C = 2R SIN(\Delta/2$

CLIENT:
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GOVERNMENT OF
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PROJECT TITLE:
INTEGRATED FLOOD RESILIENCE AND ADAPTATION PROJECT

SCHEME NAME:
ABBREVIATION DETAIL

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

- Pat Feeder Damages Location
- Jhodair Drain RD 0+000 TO 46+000
- Umrani Drain RD 0+000 TO 14+500
- Magsi Drain RD 0+000 TO 16+000
- Mohabat Drain RD 0+000 TO 19+000
- 6R Sub Drain RD 0+000 TO 2+100
- Balaan Drain RD 0+000 TO 22+000
- Rupa Drain RD 0+000 TO 25+000
- Naseer Darin RD 0+000 TO 31+000
- RD Temple Drain 25+000 TO 54+000
- RD Jhatpat Drain 48+000 TO 71+000

Rabi Canal

Rabi Canal -2
RD 0+000 TO RD 72+182

RAbi Canal - 1
RD 0+000 TO RD 100+000

RD 558 TO 621

RD 455 TO 505

Pat Feeder Canal

Shori Data

Dera Murad Jamali

Abad

Jamali

Khanpur

Usta Muhammad

Dera Allahyar

Temple Drain

Jodhair Drain

Naseerabad Distry

Naseer Drain

Temple Distry

Jodhair Distry

Jhatpat Distry

Jhatpat Drain

Ballan Distry

Bari Distry

Mohabat Dy

Magsi Distry

Umrani Dy

Ruppa Dy

Murad Distry

Sardar Maheen Khan

Wazir Minor

Qabola Distry

Kirther Canal

Nurpur Distry

Faizabad Distry

Hairdin Carrier Drain - II

Dumb Distry

Saifullah Magsi Branch

Khan Wah

Mohabat Drain

Ballan Drain

Rupa Drain

Umrani Drain

Magsi Drain

9 4.5 0 9 km

67°40'0"E 67°50'0"E 68°0'0"E 68°10'0"E 68°20'0"E

28°30'0"N 28°20'0"N 28°10'0"N

Legend

- Cities
- Main Canal
- Branch
- Distributary
- Minor
- Hairdin Carrier Drain - I
- Hairdin Carrier Drain - II & Outfall Drain
- Drain
- Main Drain
- Balochistan

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: RESTORATION / STRENGTHENING OF FLOOD EMBANKMENT OF MAIN RABI CANAL FROM RD.0 TO RD.100 AND RABI CANAL -II FROM RD.0 TO 22 KM DISTRICT NASEERABAD	DRAWING TITLE:- GENERAL LAYOUT PLAN	NOTES: ALL LEVELS AND DIMENSIONS ARE IN METERS UNLESS INDICATED OTHERWISE.

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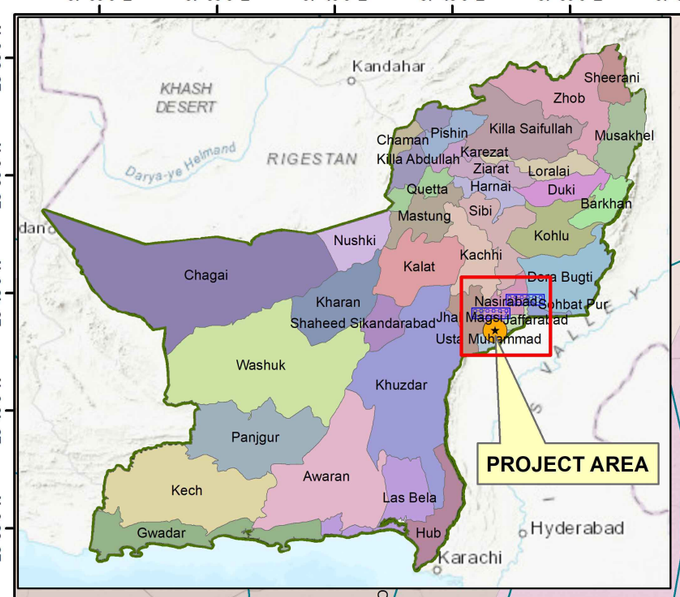
MAP SHOWING LOCATION OF SUB PROJECTS (PACKAGE-IV)



Restoration / Streingthning of flood embankment of Patfeeder Canal from RD.455 to RD.505 & RD-558 to 621 District Naseerabad.

Restoration / Streingthning of flood embankment of Main Rabi Canal from RD.0 to RD.100 and Rabi Canal -II from RD.0 to 22 km District Naseerabad

Rehabilitation of Main Drains i-e Naseer, Judair, Temple, Jhal Pat, Mohabat, Ballan, Rupa, Umrani and Magsi drains in District Naseerabad and Jaffarabad

Sibi
LEHRI NALA
THADDI DORA
Dera Bugti
Sohbat Pur
Jaffarabad
Dera Allah Yaar
Jacobabad
PAF Base Shahbaz
Thul
Usta Muhammad
Jhal Magsi
MULA RIVER
SAIN RIVER
Garhi Khairo
Sultān Kot
Shikarpur

Legend

- Drains
- Protection Bund
- Roads
- Main_Rivers
- Balochistan

20 10 0 20 km

TENDER DRAWINGS

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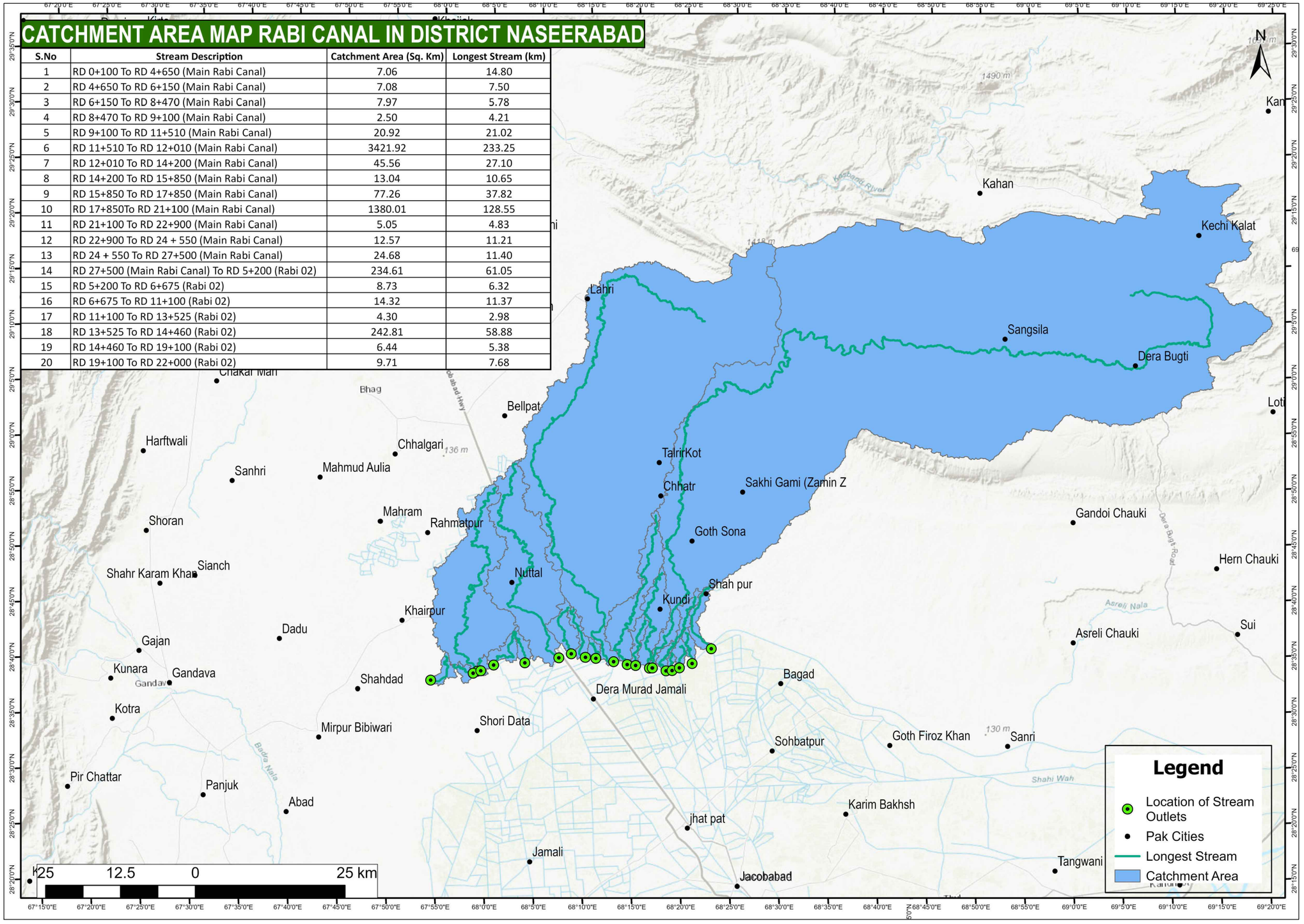
CATCHMENT AREA MAP RABI CANAL IN DISTRICT NASEERABAD

S.No	Stream Description	Catchment Area (Sq. Km)	Longest Stream (km)
1	RD 0+100 To RD 4+650 (Main Rabi Canal)	7.06	14.80
2	RD 4+650 To RD 6+150 (Main Rabi Canal)	7.08	7.50
3	RD 6+150 To RD 8+470 (Main Rabi Canal)	7.97	5.78
4	RD 8+470 To RD 9+100 (Main Rabi Canal)	2.50	4.21
5	RD 9+100 To RD 11+510 (Main Rabi Canal)	20.92	21.02
6	RD 11+510 To RD 12+010 (Main Rabi Canal)	3421.92	233.25
7	RD 12+010 To RD 14+200 (Main Rabi Canal)	45.56	27.10
8	RD 14+200 To RD 15+850 (Main Rabi Canal)	13.04	10.65
9	RD 15+850 To RD 17+850 (Main Rabi Canal)	77.26	37.82
10	RD 17+850To RD 21+100 (Main Rabi Canal)	1380.01	128.55
11	RD 21+100 To RD 22+900 (Main Rabi Canal)	5.05	4.83
12	RD 22+900 To RD 24 + 550 (Main Rabi Canal)	12.57	11.21
13	RD 24 + 550 To RD 27+500 (Main Rabi Canal)	24.68	11.40
14	RD 27+500 (Main Rabi Canal) To RD 5+200 (Rabi 02)	234.61	61.05
15	RD 5+200 To RD 6+675 (Rabi 02)	8.73	6.32
16	RD 6+675 To RD 11+100 (Rabi 02)	14.32	11.37
17	RD 11+100 To RD 13+525 (Rabi 02)	4.30	2.98
18	RD 13+525 To RD 14+460 (Rabi 02)	242.81	58.88
19	RD 14+460 To RD 19+100 (Rabi 02)	6.44	5.38
20	RD 19+100 To RD 22+000 (Rabi 02)	9.71	7.68



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: RESTORATION / STRENGTHENING OF FLOOD EMBANKMENT OF MAIN RABI CANAL FROM RD.0 TO RD.100 AND RABI CANAL -II FROM RD.0 TO 22 KM DISTRICT NASEERABAD	DRAWING TITLE:- CATCHMENT AREA MAP	NOTES: ALL LEVELS AND DIMENSIONS ARE IN METERS UNLESS INDICATED OTHERWISE.	DRAWN BY: FAISAL / USAMA	DESIGNED BY: KAMRAN BABAR
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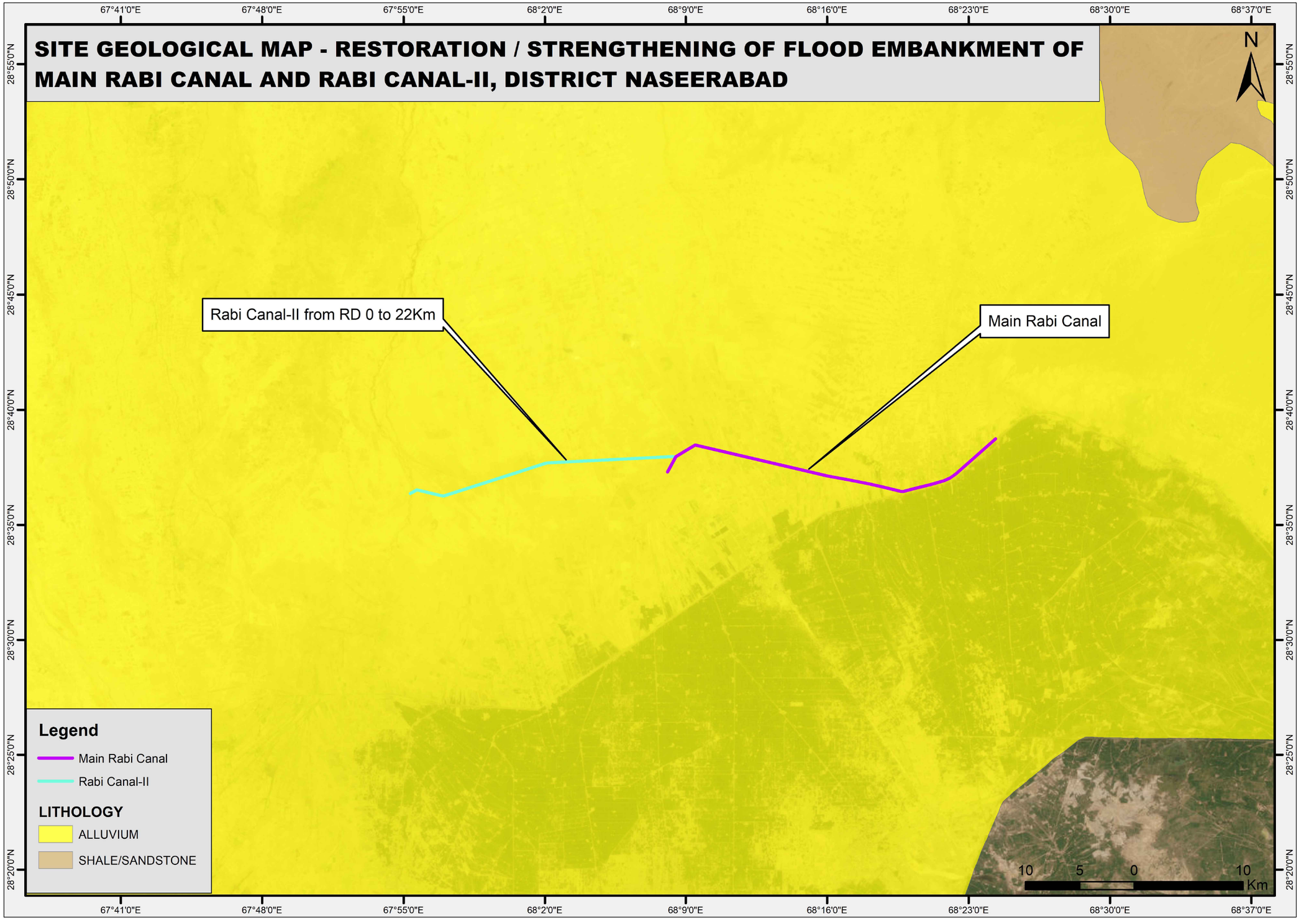
SITE GEOLOGICAL MAP - RESTORATION / STRENGTHENING OF FLOOD EMBANKMENT OF MAIN RABI CANAL AND RABI CANAL-II, DISTRICT NASEERABAD



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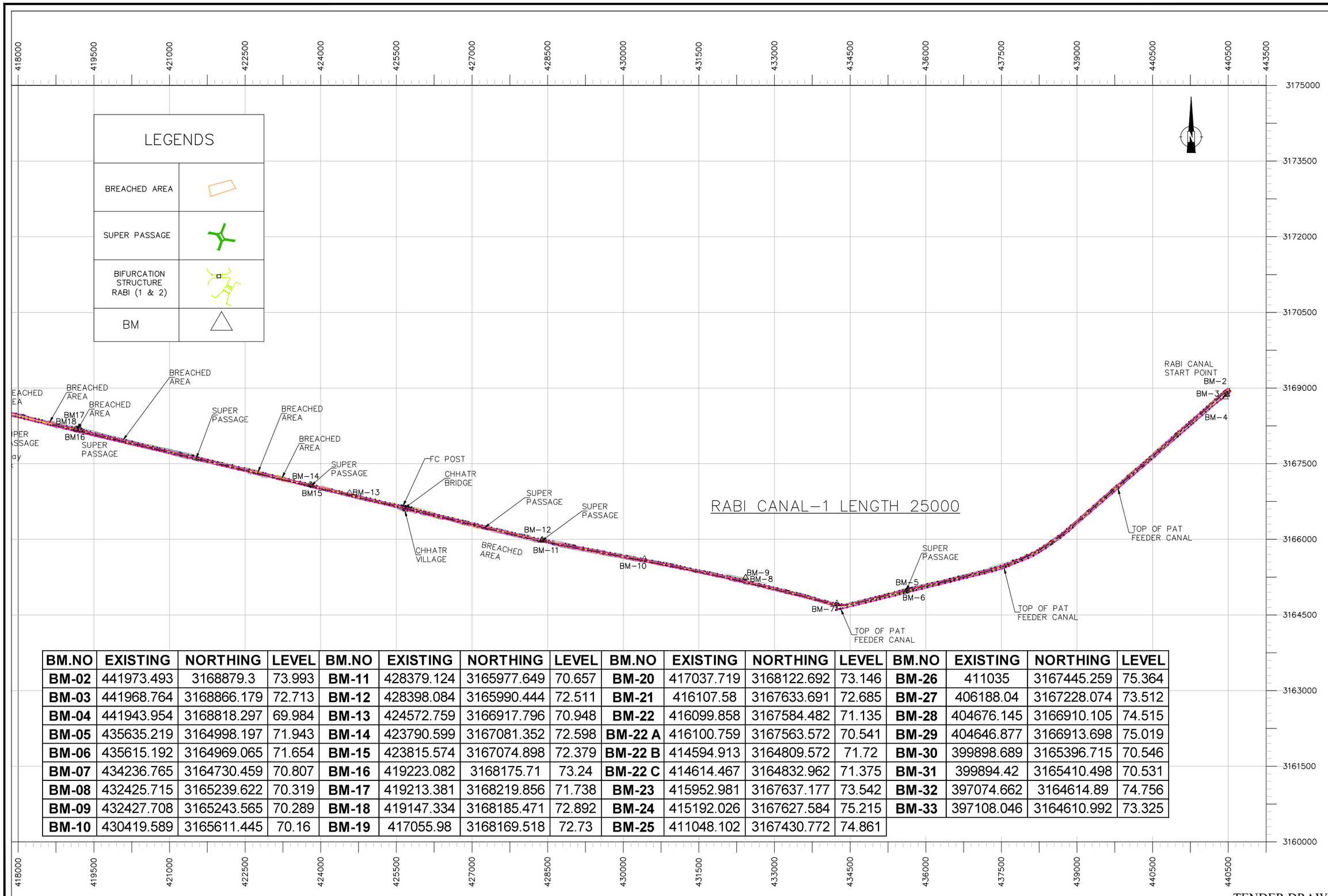
FILE PATH:	G:/ IFRAP	DATE:	AUG / 2025
DRAWING NO:	IFRAP-P04/RBM-03	SHEET:-	01 OF 01



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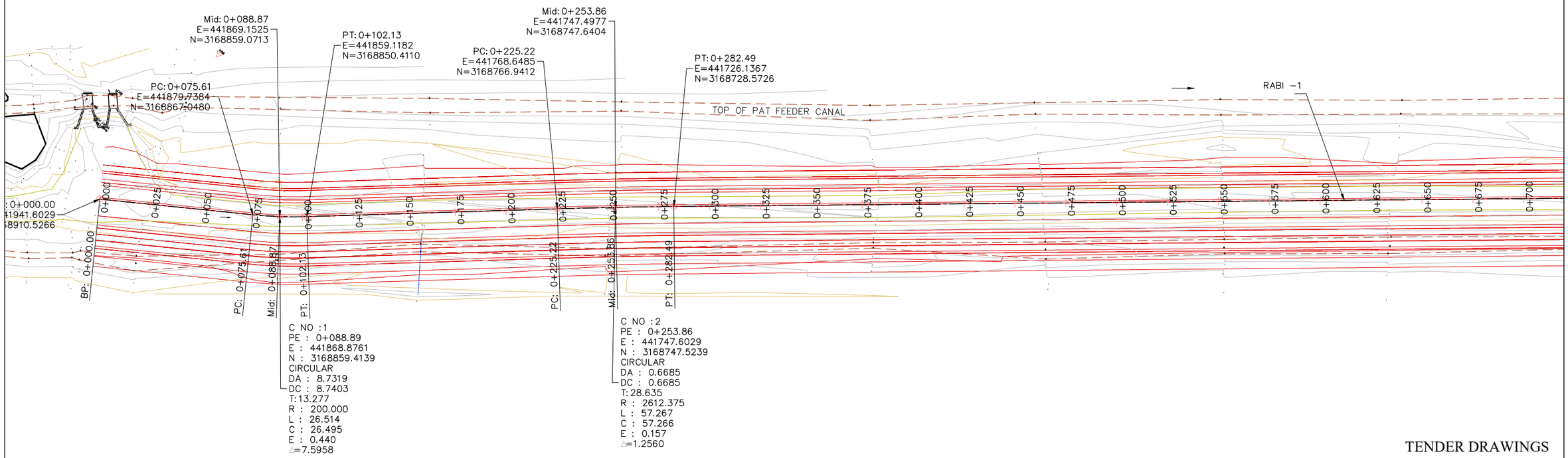
BM-03	441968.764	3168866.179	72.713	**BM-12**	428398.084	3165990.444	72.511	**BM-21**	416107.58	3167633.691	72.685	**BM-27**	406188.04	3167228.074	73.512
BM-04	441943.954	3168818.297	69.984	**BM-13**	424572.759	3166917.796	70.948	**BM-22**	416099.858	3167584.482	71.135	**BM-28**	404676.145	3166910.105	74.515
BM-05	435635.219	3164998.197	71.943	**BM-14**	423790.599	3167081.352	72.598	**BM-22 A**	416100.759	3167563.572	70.541	**BM-29**	404646.877	3166913.698	75.019
BM-06	435615.192	3164969.065	71.654	**BM-15**	423815.574	3167074.898	72.379	**BM-22 B**	414594.913	3164809.572	71.72	**BM-30**	399898.689	3165396.715	70.546
BM-07	434236.765	3164730.459	70.807	**BM-16**	419223.082	3168175.71	73.24	**BM-22 C**	414614.467	3164832.962	71.375	**BM-31**	399894.42	3165410.498	70.531
BM-08	432425.715	3165239.622	70.319	**BM-17**	419213.381	3168219.856	71.738	**BM-23**	415952.981	3167637.177	73.542	**BM-32**	397074.662	3164614.89	74.756
BM-09	432427.708	3165243.565	70.289	**BM-18**	419147.334	3168185.471	72.892	**BM-24**	415192.026	3167627.584	75.215	**BM-33**	397108.046	3164610.992	73.325
BM-10	430419.589	3165611.445	70.16	**BM-19**	417055.98	3168169.518	72.73	**BM-25**	411048.102	3167430.772	74.861				

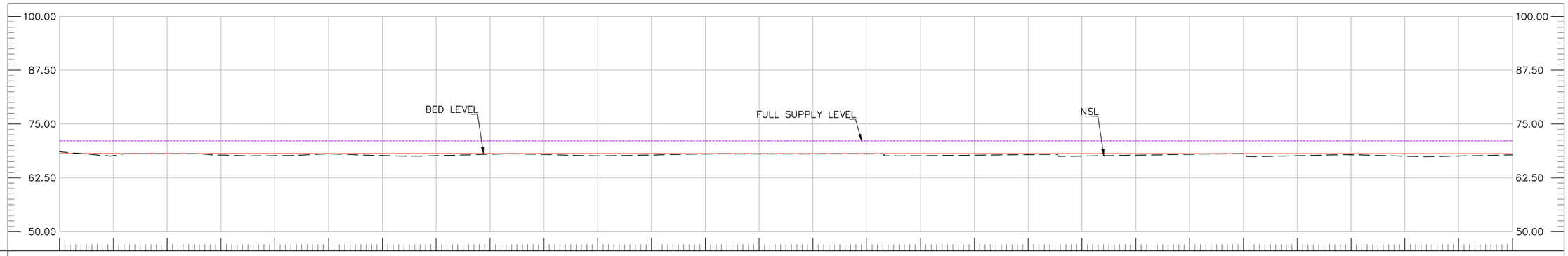
TENDER DRAWINGS

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: **RESTORATION / STRENGTHENING OF FLOOD EMBANKMENT OF MAIN RABI CANAL FROM RD.0 TO RD.100 AND RABI CANAL -II FROM RD.0 TO 22 KM DISTRICT NASEERABAD**	DRAWING TITLE:- **GENERAL LAYOUT**	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: 1:70000
FILE PATH: G:/ IFRAP	DATE: AUG / 2025
DRAWING NO: IFRAP-P04/RBC-01	SHEET:- 01 OF 01



TENDER DRAWINGS



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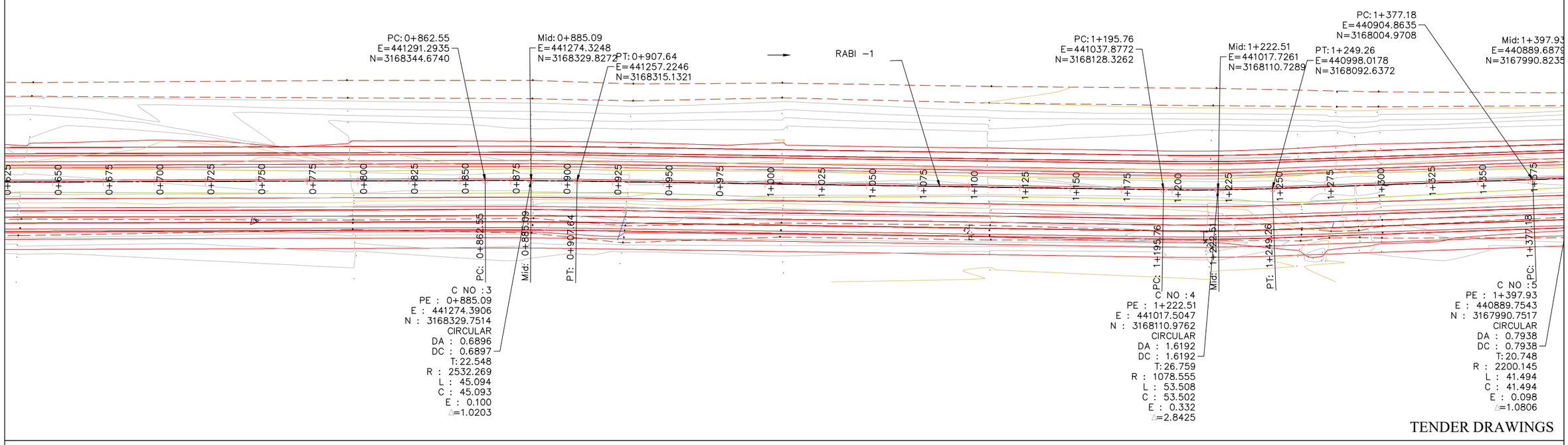
DBL	68.10	68.10	68.10	68.10	68.10	68.10	68.10	68.10	68.09	68.09	68.09	68.09	68.09	68.09	68.09	68.09	68.09	68.09	68.09	68.09	68.09	68.09	68.08	68.08	68.08	68.08	68.08			
NSL	68.53	67.64	68.08	67.78	67.64	68.06	67.65	67.63	67.96	67.89	67.59	67.79	68.01	68.04	68.05	68.07	67.63	67.75	67.87	67.54	67.74	67.94	68.14	67.61	67.85	67.52	67.55	67.83		
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		

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: RESTORATION / STRENGTHENING OF FLOOD EMBANKMENT OF MAIN RABI CANAL FROM RD 00 TO RD.100 AND RABI CANAL -II FROM RD.0 TO 25 KM (DISTRICT NASEERABAD)	DRAWING TITLE:- PLAN AND PROFILE OF RABI CANAL-1 SHEET-1	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:	SEP / 2025
DRAWING NO:	IFRAP-P04/RBC-02	SHEET:-	01 OF 38



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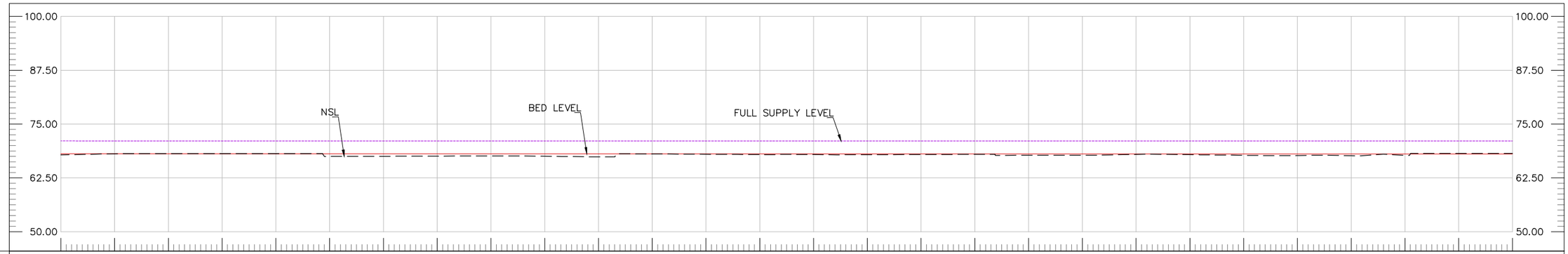

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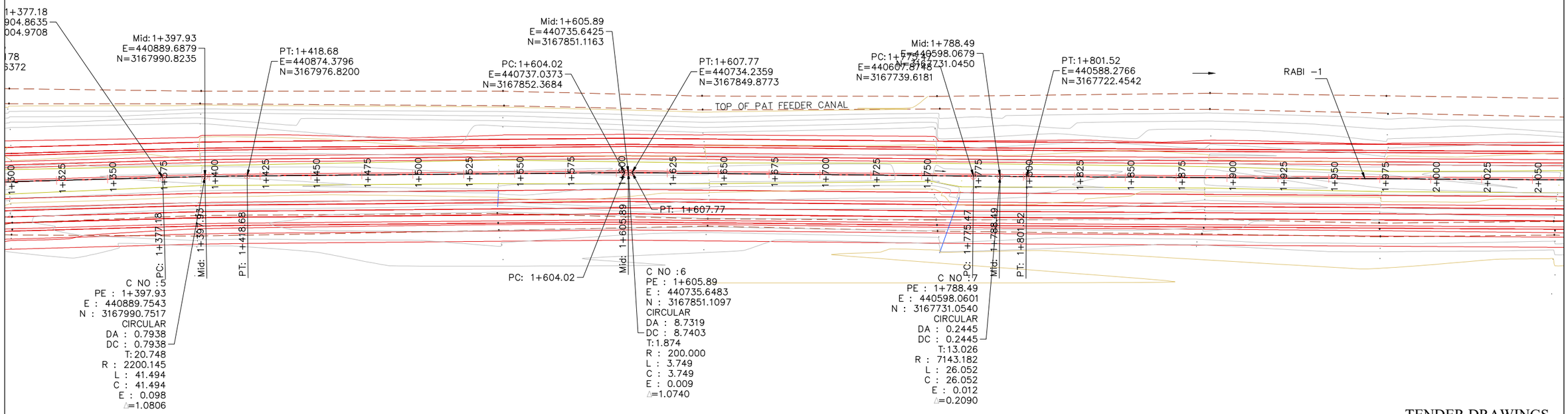

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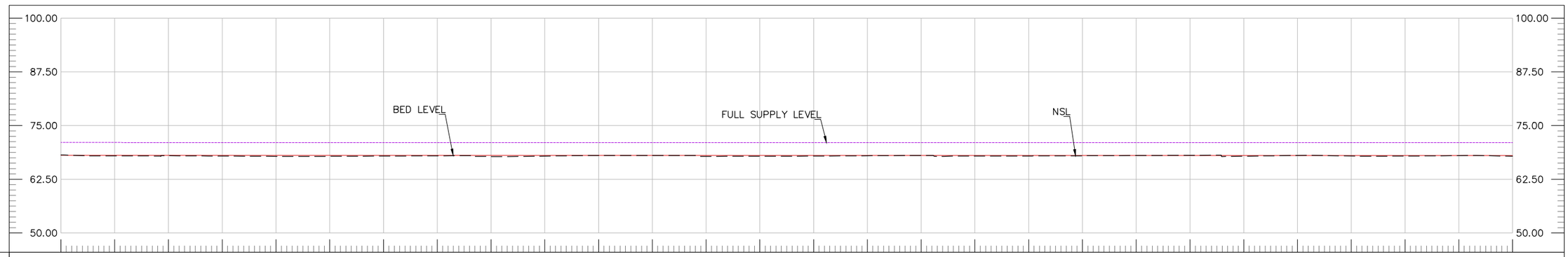

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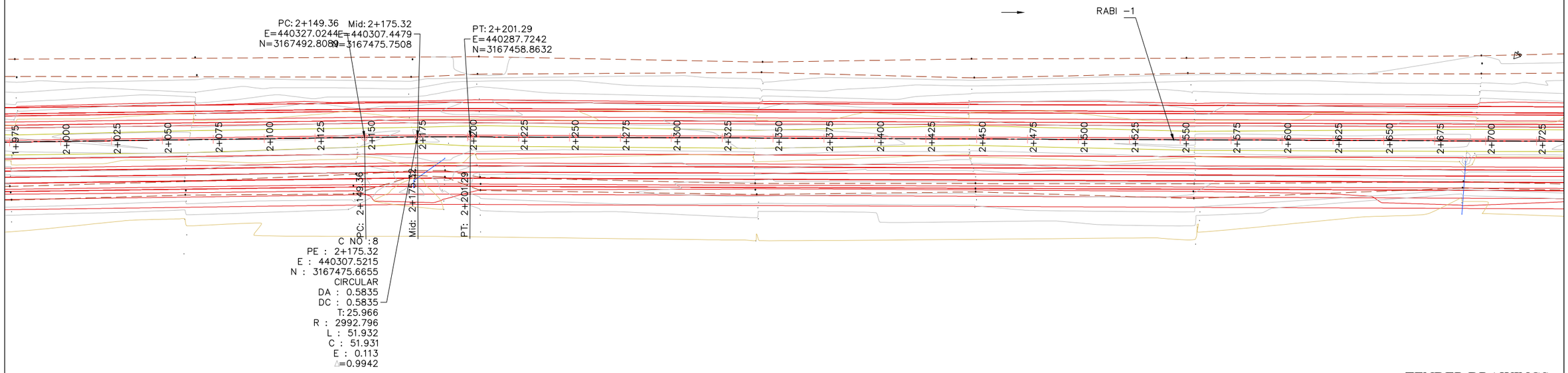

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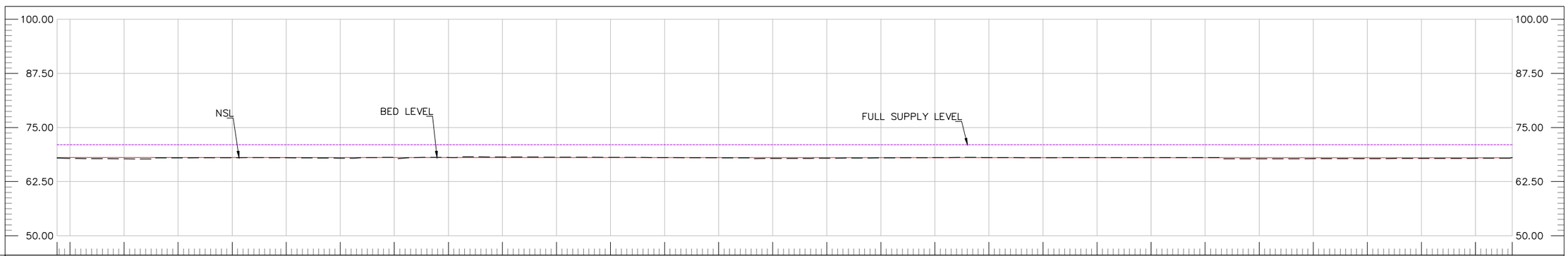

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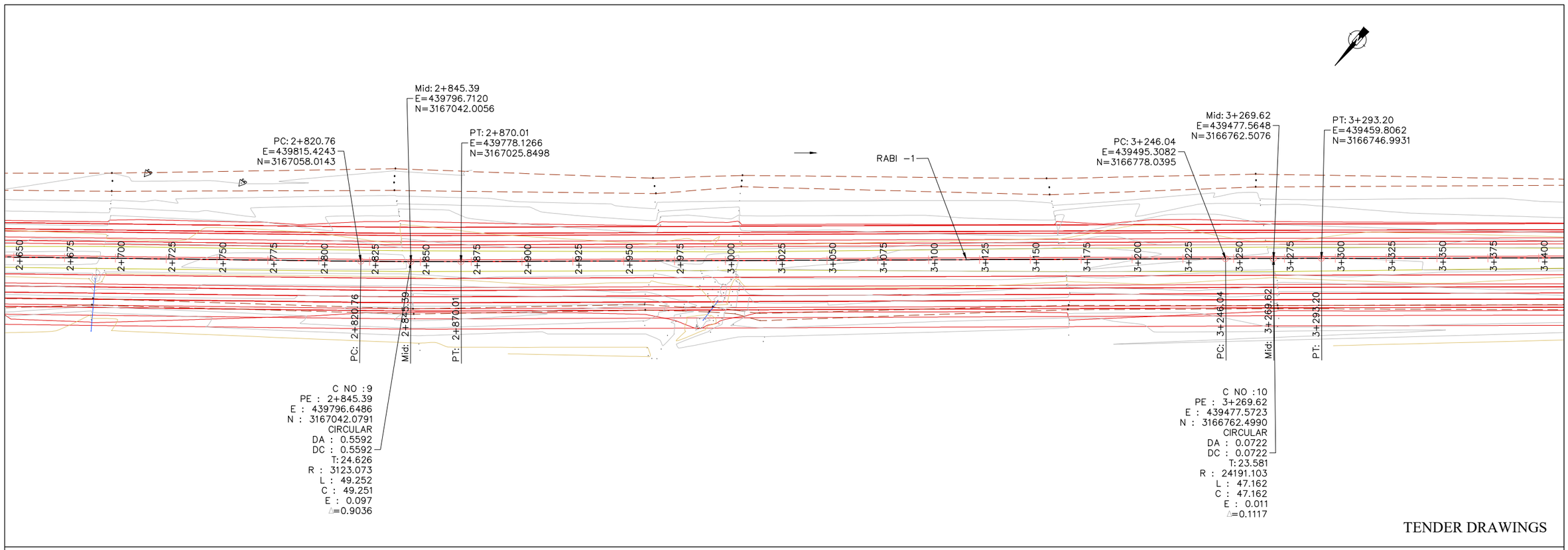

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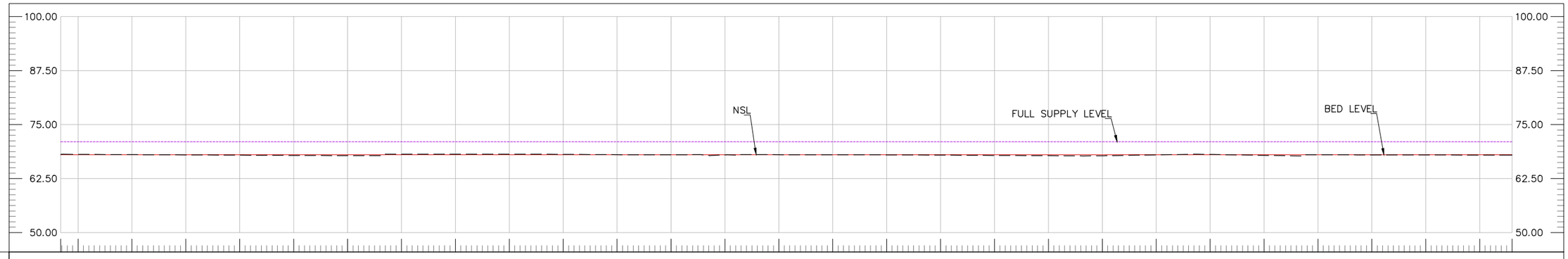

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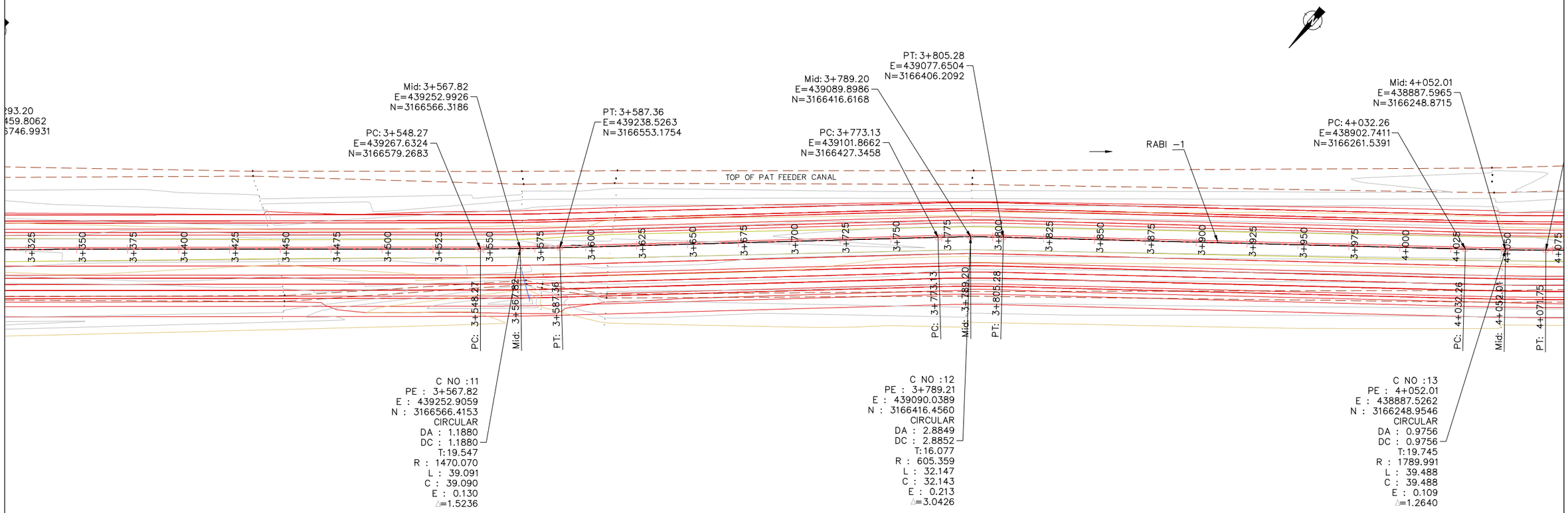

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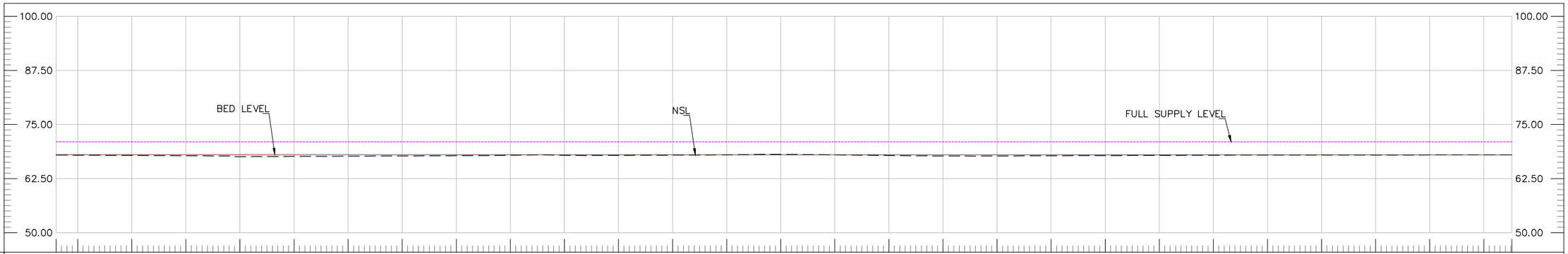

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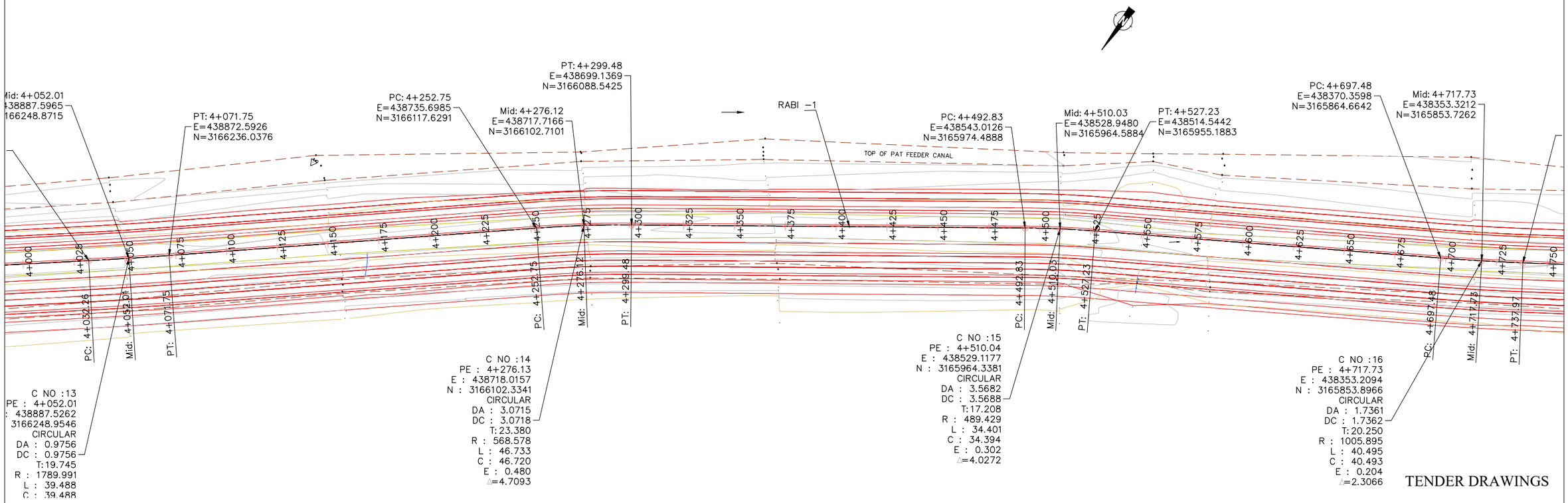
DBL	68.01	68.01	68.01	68.01	68.01	68.01	68.01	68.01	68.00	68.00	68.00	68.00	68.00	68.00	68.00	68.00	68.00	68.00	68.00	68.00	68.00	68.00	67.99	67.99	67.99	67.99	67.99	67.99					
NSL	67.93	67.91	67.85	67.78	67.57	67.63	67.68	67.74	67.80	67.89	67.90	67.87	67.92	67.98	68.10	67.97	67.84	67.74	67.73	67.78	67.82	67.86	67.91	67.95	67.96	67.96	67.96	67.97	67.97				
RD	3+365	3+375	3+400	3+425	3+450	3+475	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+038				

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: RESTORATION / STRENGTHENING OF FLOOD EMBANKMENT OF MAIN RABI CANAL FROM RD 00 TO RD.100 AND RABI CANAL -II FROM RD.0 TO 25 KM (DISTRICT NASEERABAD)	DRAWING TITLE:- PLAN AND PROFILE OF RABI CANAL-1 SHEET-6

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:	SEP / 2025
DRAWING NO: IFRAP-P04/RBC-07		SHEET:-	06 OF 38


Mid: 4+052.01
438887.5965
166248.8715
PT: 4+071.75
E=438872.5926
N=3166236.0376
PC: 4+252.75
E=438735.6985
N=3166117.6291
Mid: 4+276.12
E=438717.7166
N=3166102.7101
PT: 4+299.48
E=438699.1369
N=3166088.5425
RABI –1
TOP OF PAT FEEDER CANAL
PC: 4+492.83
E=438543.0126
N=3165974.4888
Mid: 4+510.03
E=438528.9480
N=3165964.5884
PT: 4+527.23
E=438514.5442
N=3165955.1883
PC: 4+697.48
E=438370.3598
N=3165864.6642
Mid: 4+717.73
E=438353.3212
N=3165853.7262
C NO :13
PE : 4+052.01
: 438887.5262
3166248.9546
CIRCULAR
DA : 0.9756
DC : 0.9756
T: 19.745
R : 1789.991
L : 39.488
C : 39.488
C NO :14
PE : 4+276.13
E : 438718.0157
N : 3166102.3341
CIRCULAR
DA : 3.0715
DC : 3.0718
T: 23.380
R : 568.578
L : 46.733
C : 46.720
E : 0.480
△=4.7093
C NO :15
PE : 4+510.04
E : 438529.1177
N : 3165964.3381
CIRCULAR
DA : 3.5682
DC : 3.5688
T: 17.208
R : 489.429
L : 34.401
C : 34.394
E : 0.302
△=4.0272
C NO :16
PE : 4+717.73
E : 438353.2094
N : 3165853.8966
CIRCULAR
DA : 1.7361
DC : 1.7362
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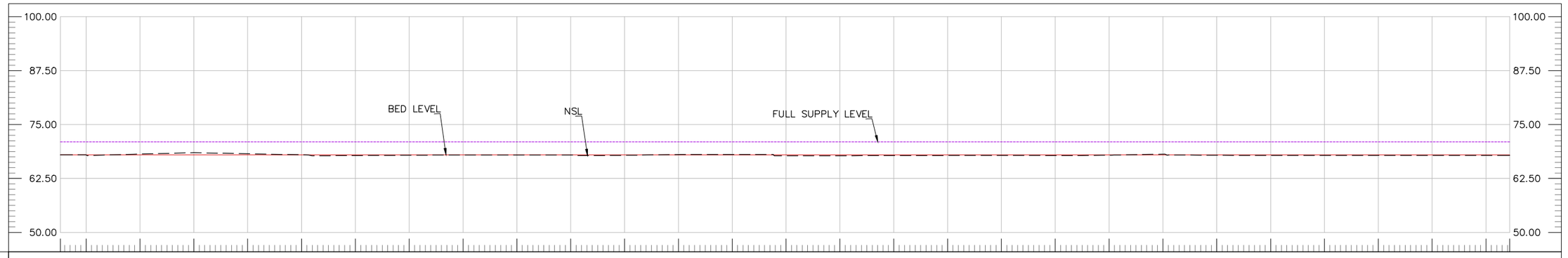
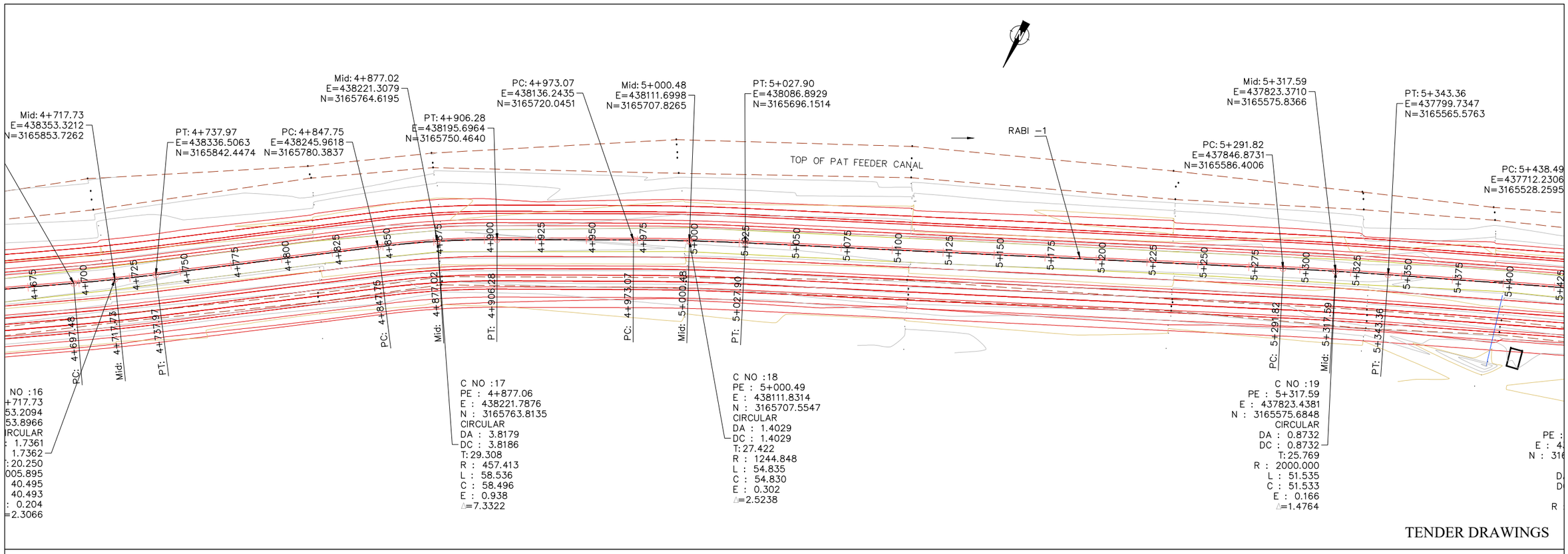
R : 1005.895
L : 40.495
C : 40.493
E : 0.204
△=2.3066
TENDER DRAWINGS


100.00
87.50
75.00
62.50
50.00
BED LEVEL
NSL
FULL SUPPLY LEVEL

| | | |



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DBL	67.97	67.97	67.97	67.97	67.97	67.97	67.97	67.97	67.97	67.97	67.97	67.97	67.97	67.96	67.96	67.96	67.96	67.96	67.96	67.96	67.96	67.96	67.96	67.96	67.96	67.96	67.96	67.96	67.96	67.96	67.96
NSL	67.84	67.89	67.97	67.92	67.80	67.96	67.98	67.75	67.85	67.95	67.98	67.92	67.88	67.84	67.81	67.79	67.78	67.95	67.95	67.96	67.87	67.77	67.76	67.80	67.85	67.89	67.94	67.93	67.87		
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: 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: RESTORATION / STRENGTHENING OF FLOOD EMBANKMENT OF MAIN RABI CANAL FROM RD 00 TO RD.100 AND RABI CANAL -II FROM RD.0 TO 25 KM (DISTRICT NASEERABAD)	DRAWING TITLE:- PLAN AND PROFILE OF RABI CANAL-1 SHEET-8	NOTES: ALL LEVELS AND DIMENSIONS ARE IN METERS UNLESS INDICATED OTHERWISE.

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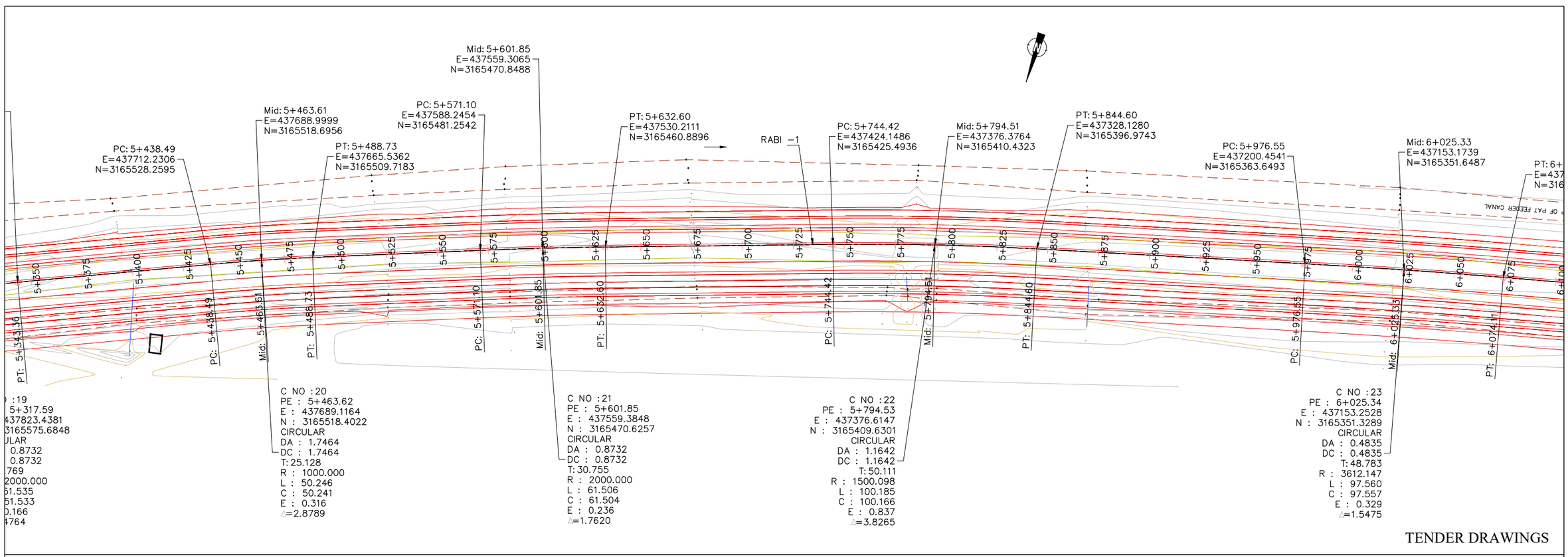
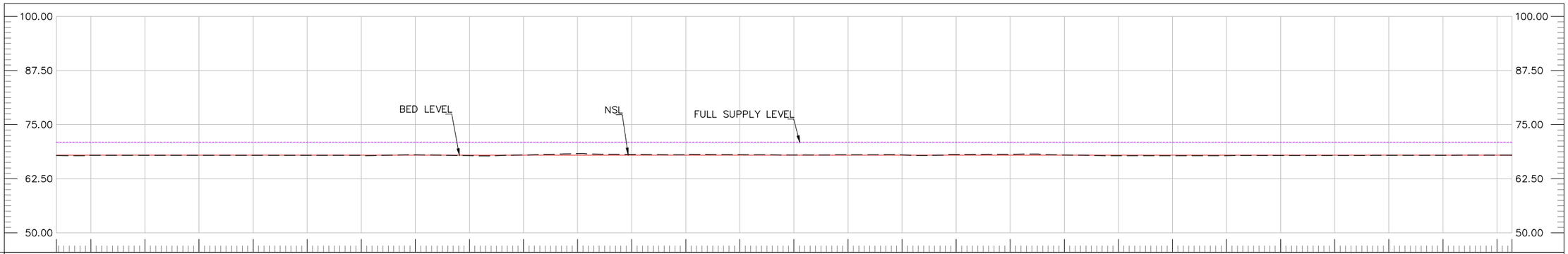
CHECKED BY:	ZIA-UL-HAQ	SCALE:	1:2000
FILE PATH:	G:/ IFRAP	DATE:	SEP / 2025
DRAWING NO:	IFRAP-P04/RBC-09	SHEET:-	08 OF 38



TENDER DRAWINGS



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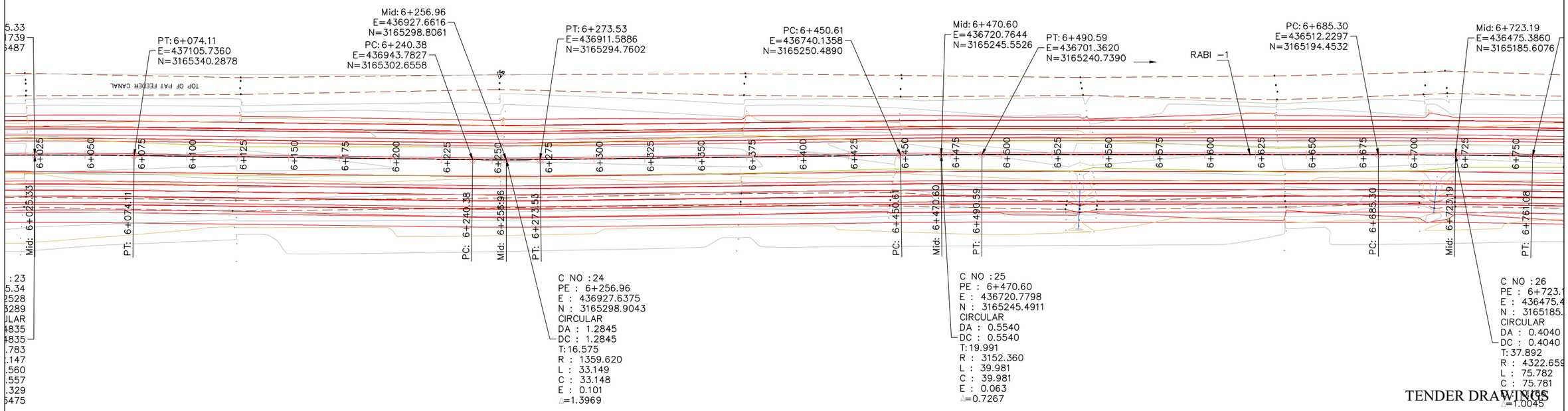

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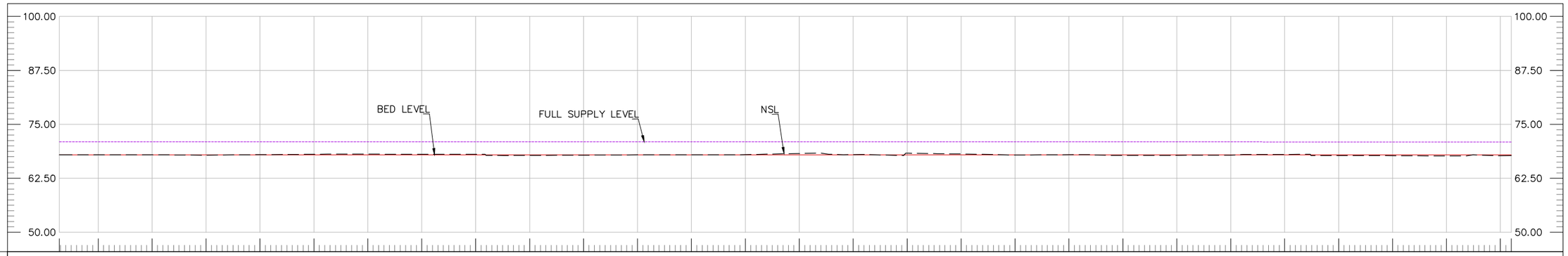

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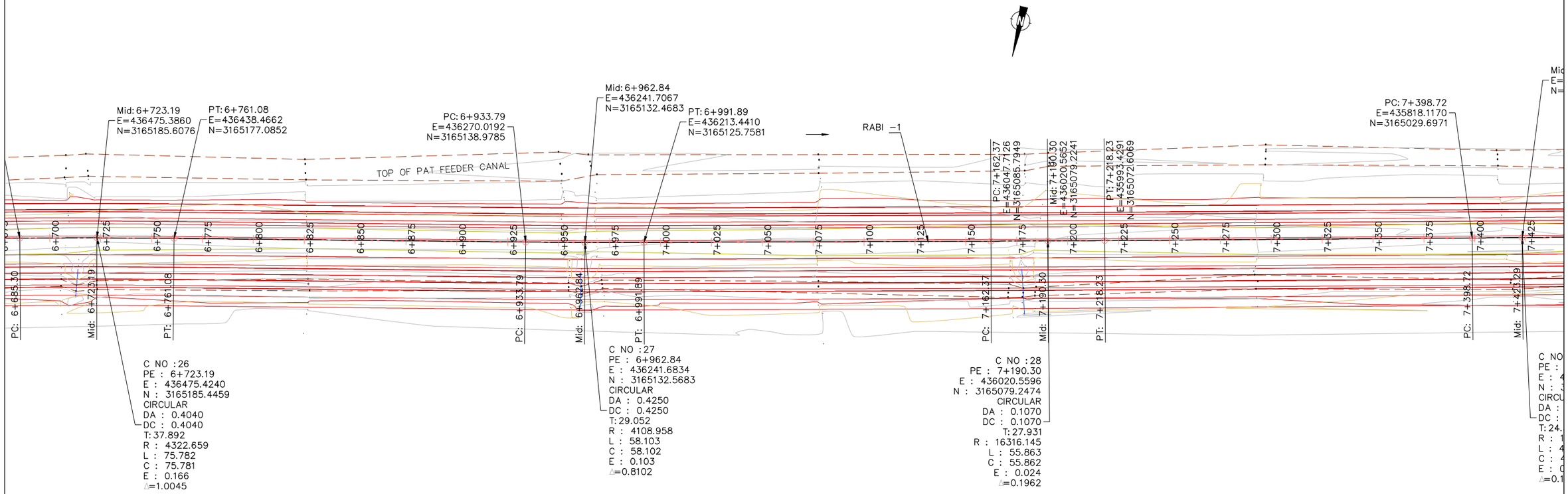
DBL	67.94	67.94	67.94	67.94	67.93	67.93	67.93	67.93	67.93	67.93	67.93	67.93	67.93	67.93	67.93	67.93	67.93	67.93	67.93	67.92	67.92	67.92	67.92	67.92	67.92	67.92	67.92	67.92	67.92	67.92	
NSL	67.94	67.95	67.95	67.87	67.97	68.07	68.09	68.08	68.07	67.81	67.87	67.92	67.93	67.97	68.25	67.99	68.31	68.13	67.89	67.96	67.81	67.83	67.85	68.04	67.77	67.75	67.68	67.75	67.77		
RD	6+057	6+075	6+100	6+125	6+150	6+175	6+200	6+225	6+250	6+275	6+300	6+325	6+350	6+375	6+400	6+425	6+450	6+475	6+500	6+525	6+550	6+575	6+600	6+625	6+650	6+675	6+700	6+725	6+730		

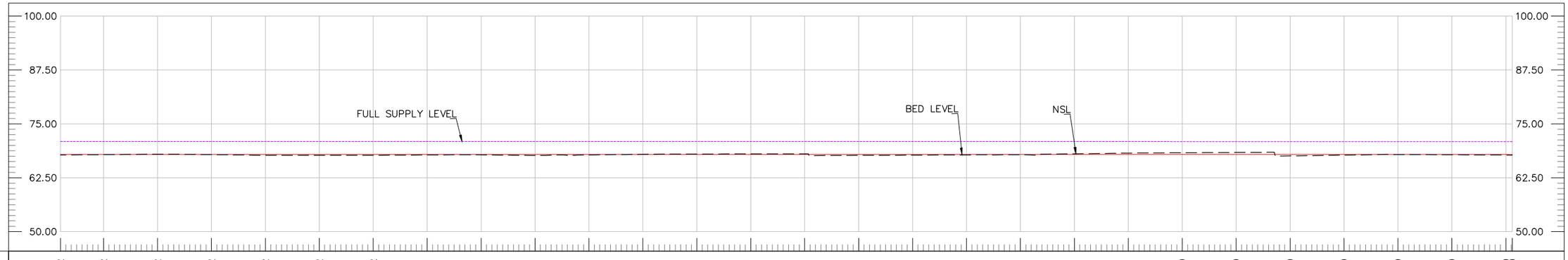
CLIENT: IRRIGATION DEPARTMENT GOVERNMENT OF BALOCHISTAN	CONSULTANTS: CAMEOS CONSULTANTS CONSULTING ENGINEERS ARCHITECTS & PLANNERS. PLOT NO.07 PARIS ARCADE STREET. NO. 36 E-11/3 MARKAZ ISLAMABAD. H. NO.38 CHAMAN HOUSING AIRPORT ROAD QUETTA.	PROJECT TITLE: **INTEGRATED FLOOD RESILIENCE AND ADAPTATION PROJECT**	SCHEME NAME: **RESTORATION / STRENGTHENING OF FLOOD EMBANKMENT OF MAIN RABI CANAL FROM RD 00 TO RD.100 AND RABI CANAL -II FROM RD.0 TO 25 KM (DISTRICT NASEERABAD)**	DRAWING TITLE:- **PLAN AND PROFILE OF RABI CANAL-1 SHEET-10**

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:	SEP / 2025
DRAWING NO:	IFRAP-P04/RBC-11	SHEET:-	10 OF 38



TENDER DRAWINGS



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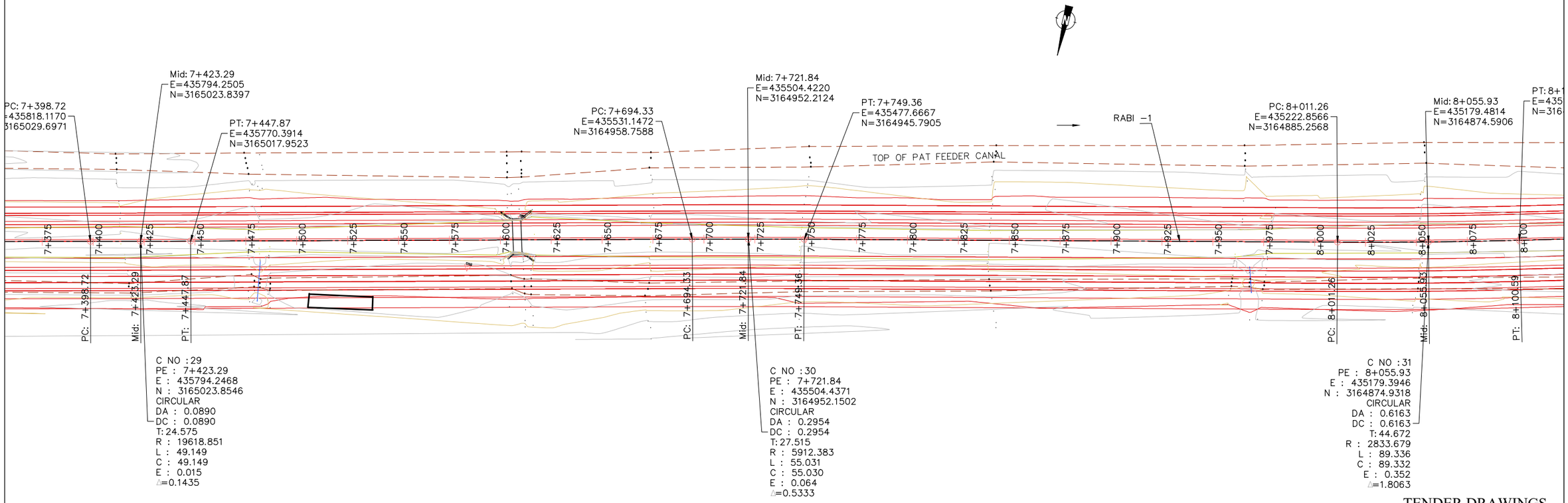
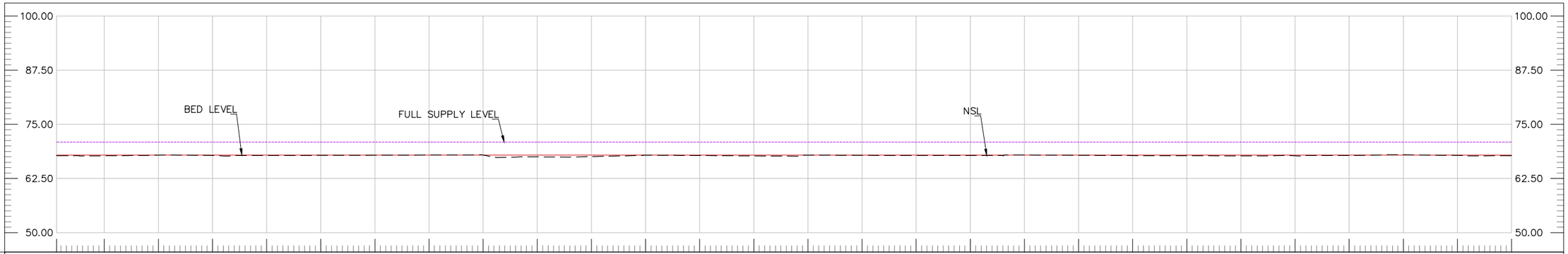


TENDER DRAWINGS



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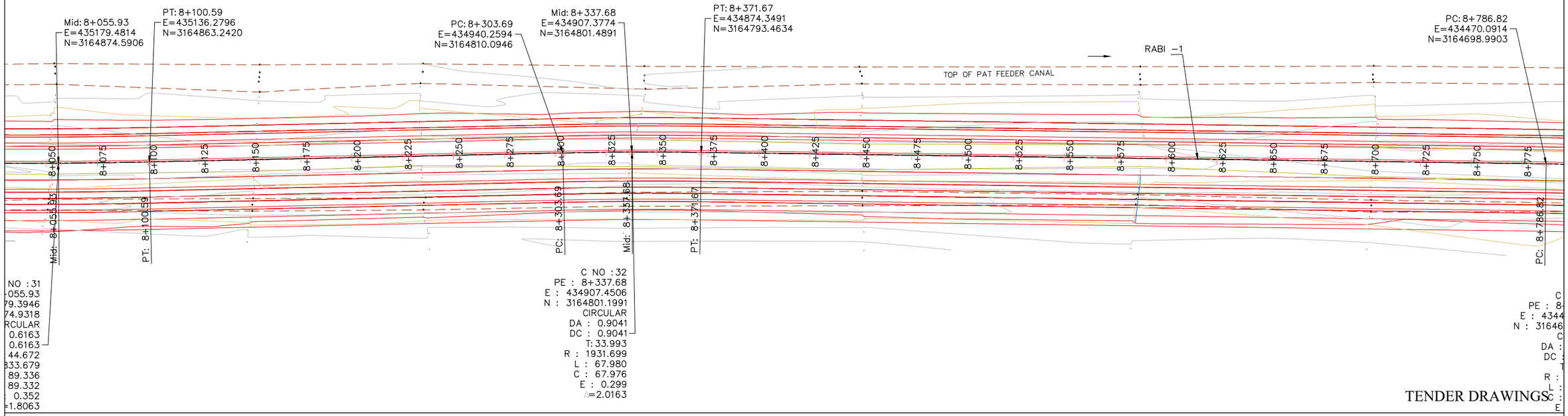
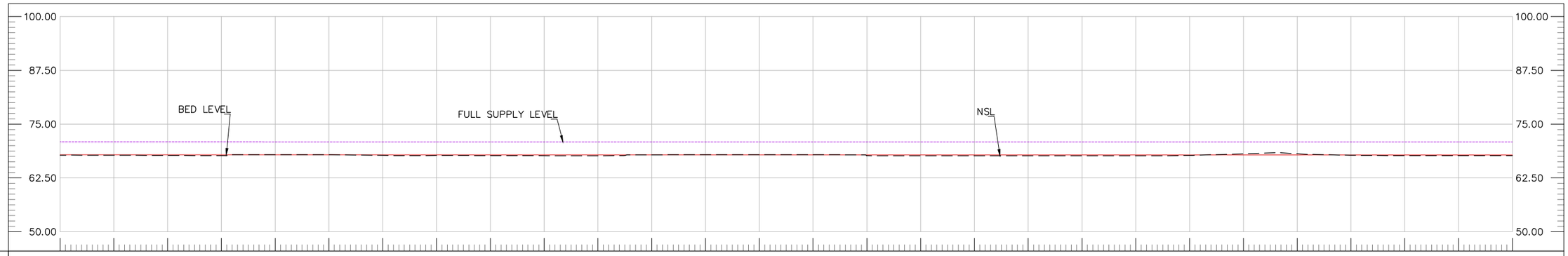
DBL	67.90	67.90	67.90	67.90	67.90	67.90	67.90	67.90	67.90	67.89	67.89	67.89	67.89	67.89	67.89	67.89	67.89	67.89	67.89	67.89	67.89	67.89	67.89	67.89	67.88	67.88	67.88	67.88			
NSL	67.76	67.74	67.89	67.80	67.81	67.83	67.87	67.91	67.90	67.49	67.55	67.87	67.79	67.71	67.90	67.83	67.78	67.80	67.91	67.85	67.78	67.75	67.72	67.75	67.78	67.96	67.80	67.78			
RD	7+403	7+425	7+450	7+475	7+500	7+525	7+550	7+575	7+600	7+625	7+650	7+675	7+700	7+725	7+750	7+775	7+800	7+825	7+850	7+875	7+900	7+925	7+950	7+975	8+000	8+025	8+050	8+075			

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: RESTORATION / STRENGTHENING OF FLOOD EMBANKMENT OF MAIN RABI CANAL FROM RD 00 TO RD.100 AND RABI CANAL -II FROM RD.0 TO 25 KM (DISTRICT NASEERABAD)	DRAWING TITLE:- PLAN AND PROFILE OF RABI CANAL-1 SHEET-12	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:	SEP / 2025
DRAWING NO:	IFRAP-P04/RBC-13	SHEET:-	12 OF 38





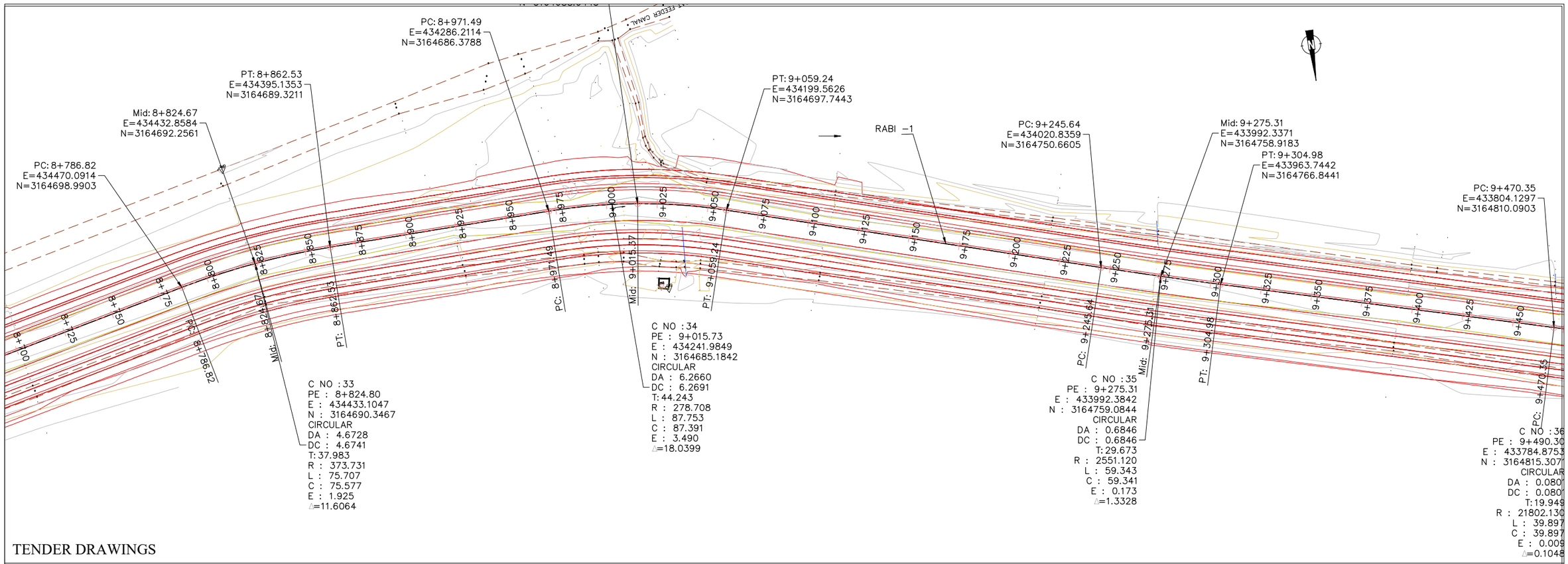
FSL	70.88	70.88	70.88	70.88	70.88	70.88	70.88	70.88	70.88	70.88	70.88	70.88	70.87	70.87	70.87	70.87	70.87	70.87	70.87	70.87	70.87	70.87	70.87	70.87	70.87	70.87	70.87	70.87	70.87	70.86
DBL	67.88	67.88	67.88	67.88	67.88	67.88	67.88	67.88	67.88	67.88	67.88	67.88	67.87	67.87	67.87	67.87	67.87	67.87	67.87	67.87	67.87	67.87	67.87	67.87	67.87	67.87	67.87	67.87	67.87	67.86
NSL	67.78	67.77	67.72	67.68	67.88	67.89	67.73	67.71	67.70	67.67	67.66	67.87	67.89	67.90	67.88	67.66	67.63	67.63	67.63	67.63	67.62	67.73	68.11	68.13	67.76	67.68	67.68	67.70		
RD	8+075	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		

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: RESTORATION / STRENGTHENING OF FLOOD EMBANKMENT OF MAIN RABI CANAL FROM RD 00 TO RD.100 AND RABI CANAL -II FROM RD.0 TO 25 KM (DISTRICT NASEERABAD)	DRAWING TITLE:- PLAN AND PROFILE OF RABI CANAL-1 SHEET-13

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:	SEP / 2025
DRAWING NO:	IFRAP-P04/RBC-14	SHEET:-	13 OF 38



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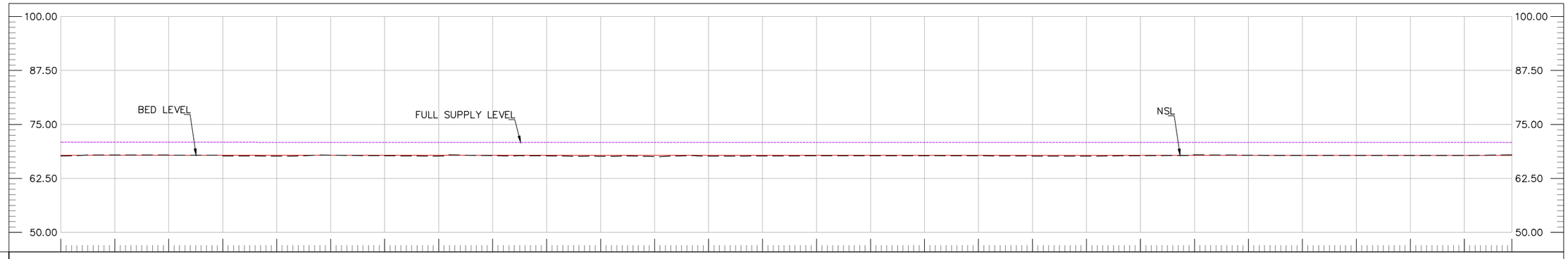


	8+750	8+775	8+800	8+825	8+850	8+875	8+900	8+925	8+950	8+975	9+000	9+025	9+050	9+075	9+100	9+125	9+150	9+175	9+200	9+225	9+250	9+275	9+300	9+325	9+350	9+375	9+400	9+422
FSL	70.86	70.86	70.86	70.86	70.86	70.86	70.86	70.86	70.86	70.86	70.86	70.86	70.86	70.86	70.86	70.85	70.85	70.85	70.85	70.85	70.85	70.85	70.85	70.85	70.85	70.85	70.85	70.85
DBL	67.86	67.86	67.86	67.86	67.86	67.86	67.86	67.86	67.86	67.86	67.86	67.86	67.86	67.86	67.86	67.85	67.85	67.85	67.85	67.85	67.85	67.85	67.85	67.85	67.85	67.85	67.85	67.85
NSL	67.70	67.92	67.90	67.73	67.67	67.88	67.76	67.68	67.78	67.73	67.64	67.56	67.68	67.70	67.74	67.75	67.76	67.73	67.69	67.67	67.76	67.96	67.89	67.84	67.85	67.85	67.84	67.95
RD	8+750	8+775	8+800	8+825	8+850	8+875	8+900	8+925	8+950	8+975	9+000	9+025	9+050	9+075	9+100	9+125	9+150	9+175	9+200	9+225	9+250	9+275	9+300	9+325	9+350	9+375	9+400	9+422

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.

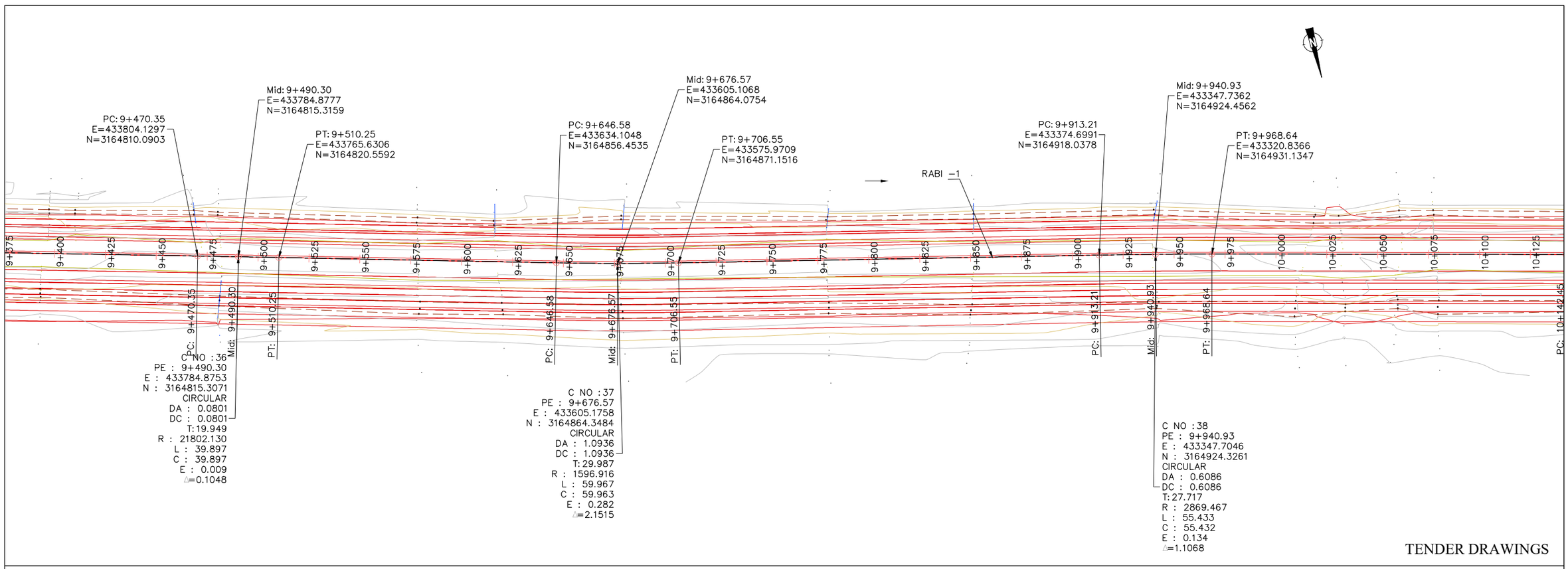
PROJECT TITLE:
INTEGRATED FLOOD RESILIENCE AND ADAPTATION PROJECT

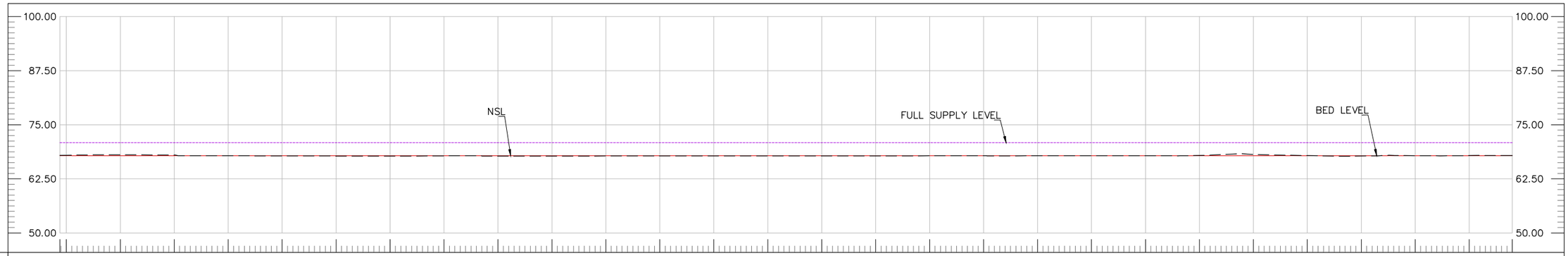
SCHEME NAME:
RESTORATION / STRENGTHENING OF FLOOD EMBANKMENT OF MAIN RABI CANAL FROM RD 00 TO RD.100 AND RABI CANAL -II FROM RD.0 TO 25 KM (DISTRICT NASEERABAD)

DRAWING TITLE:-
PLAN AND PROFILE OF RABI CANAL-1 SHEET-14

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:	SEP / 2025
DRAWING NO:	IFRAP-P04/RBC-15	SHEET:-	14 OF 38

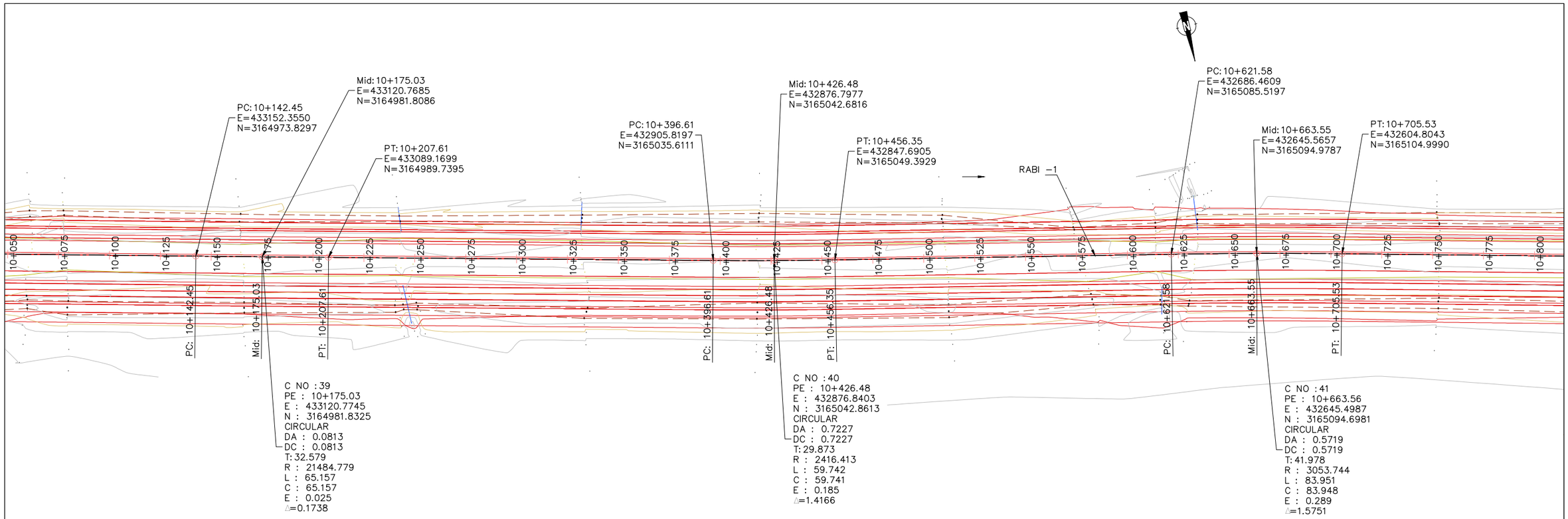




FSL	70.85	70.85	70.85	70.84	70.84	70.84	70.84	70.84	70.84	70.84	70.84	70.84	70.84	70.84	70.84	70.84	70.84	70.84	70.84	70.83	70.83	70.83	70.83	70.83	70.83	70.83	70.83	70.83	70.83	70.83	70.83
DBL	67.85	67.85	67.85	67.84	67.84	67.84	67.84	67.84	67.84	67.84	67.84	67.84	67.84	67.84	67.84	67.84	67.84	67.84	67.84	67.83	67.83	67.83	67.83	67.83	67.83	67.83	67.83	67.83	67.83	67.83	67.83
NSL	67.97	68.05	68.01	67.84	67.81	67.78	67.75	67.82	67.78	67.77	67.78	67.82	67.82	67.81	67.80	67.80	67.82	67.85	67.82	67.83	67.83	67.91	68.13	67.88	67.76	67.85	67.89	67.88			
RD	9+425	9+450	9+475	9+500	9+525	9+550	9+575	9+600	9+625	9+650	9+675	9+700	9+725	9+750	9+775	9+800	9+825	9+850	9+875	9+900	9+925	9+950	9+975	10+000	10+025	10+050	10+075	10+095			

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: RESTORATION / STRENGTHENING OF FLOOD EMBANKMENT OF MAIN RABI CANAL FROM RD 00 TO RD.100 AND RABI CANAL -II FROM RD.0 TO 25 KM (DISTRICT NASEERABAD)	DRAWING TITLE:- PLAN AND PROFILE OF RABI CANAL-1 SHEET-15	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: SEP / 2025
DRAWING NO: IFRAP-P04/RBC-16	SHEET:- 15 OF 38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N=3164973.8297
Mid: 10+175.03
E=433120.7685
N=3164981.8086
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E=433089.1699
N=3164989.7395
PC: 10+396.61
E=432905.8197
N=3165035.6111
Mid: 10+426.48
E=432876.7977
N=3165042.6816
PT: 10+456.35
E=432847.6905
N=3165049.3929
RABI -1
PC: 10+621.58
E=432686.4609
N=3165085.5197
Mid: 10+663.55
E=432645.5657
N=3165094.9787
PT: 10+705.53
E=432604.8043
N=3165104.9990
C NO :39
PE : 10+175.03
E : 433120.7745
N : 3164981.8325
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DC : 0.0813
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R : 21484.779
L : 65.157
C : 65.157
E : 0.025
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C NO :40
PE : 10+426.48
E : 432876.8403
N : 3165042.8613
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DA : 0.7227
DC : 0.7227
T: 29.873
R : 2416.413
L : 59.742
C : 59.741
E : 0.185
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C NO :41
PE : 10+663.56
E : 432645.4987
N : 3165094.6981
CIRCULAR
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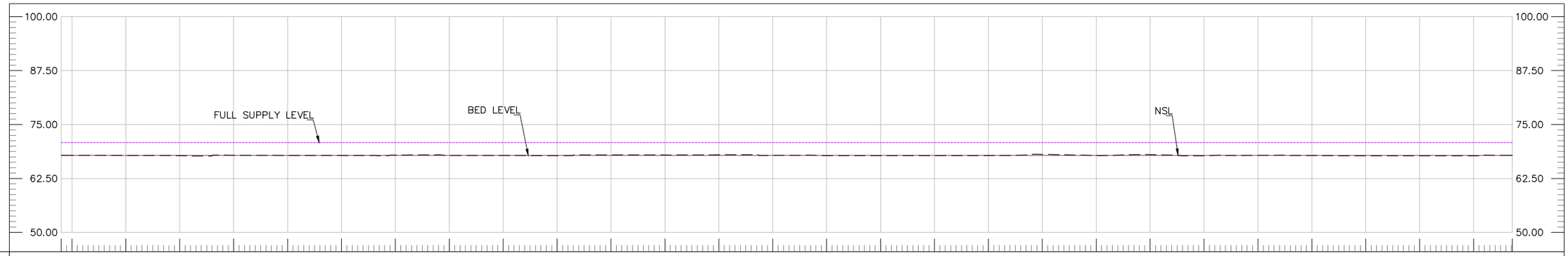
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62.50
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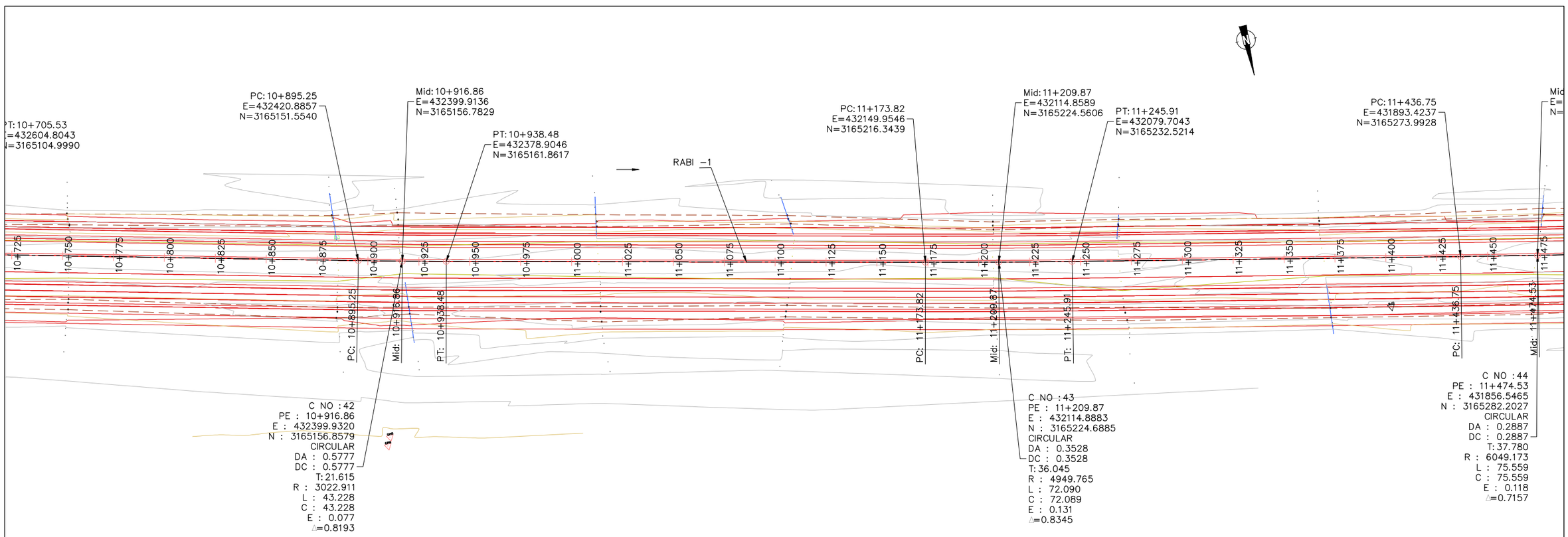
FULL SUPPLY LEVEL
BED LEVEL
NSL

| | | |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RABI -1
PC: 11+173.82
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Mid:
E=
N=
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10+750
10+775
10+800
10+825
10+850
10+875
10+900
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10+950
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PC: 10+895.25
Mid: 10+916.86
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DC : 0.5777
T: 21.615
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L : 43.228
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E : 432114.8883
N : 3165224.6885
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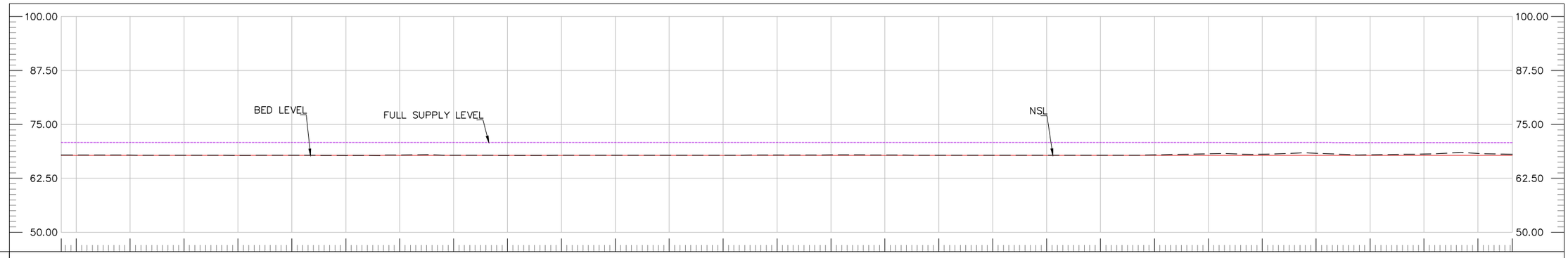
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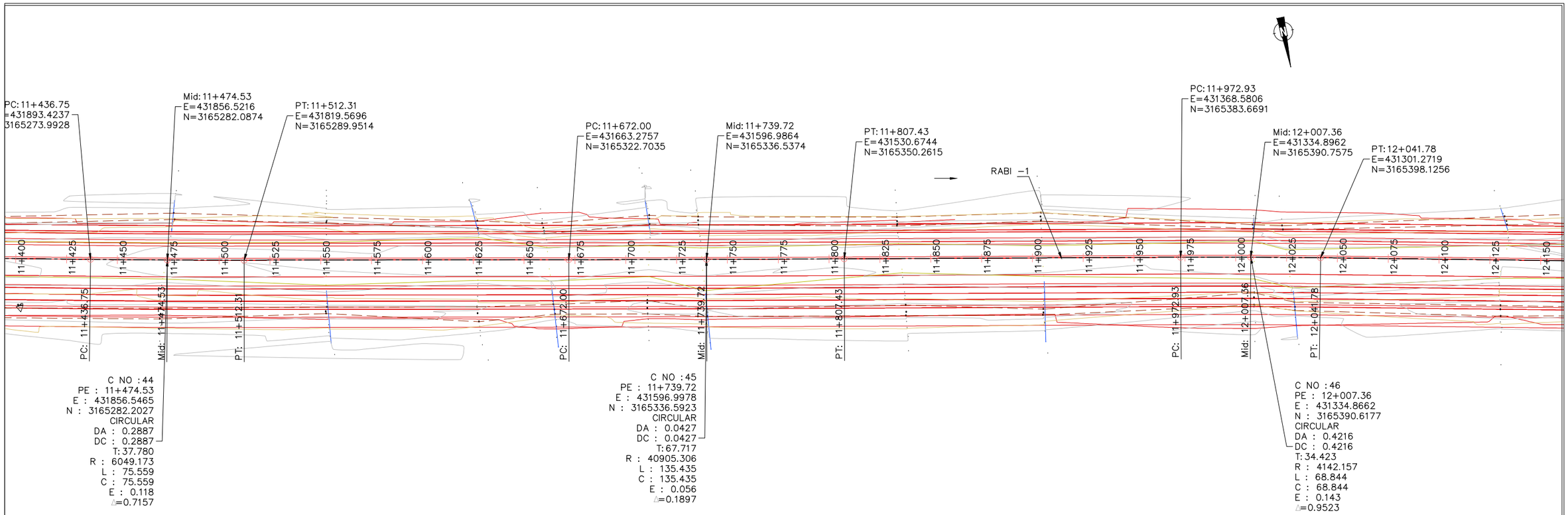
BED LEVEL
FULL SUPPLY LEVEL
NSL

| | | |



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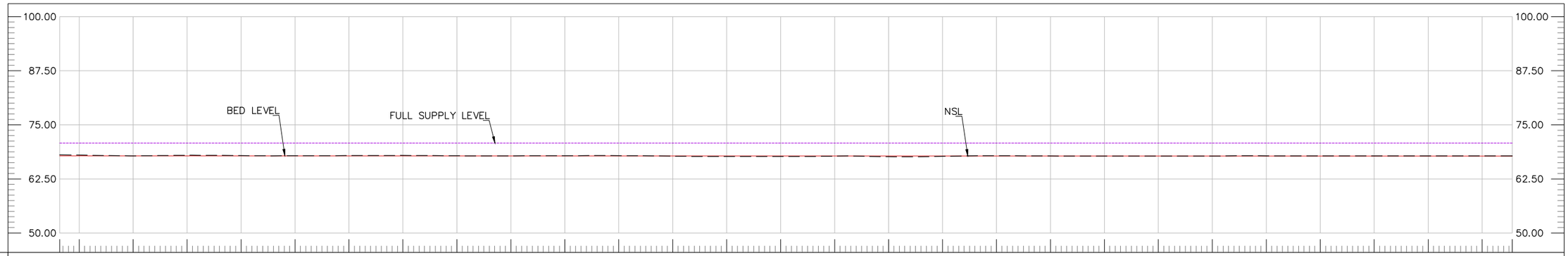

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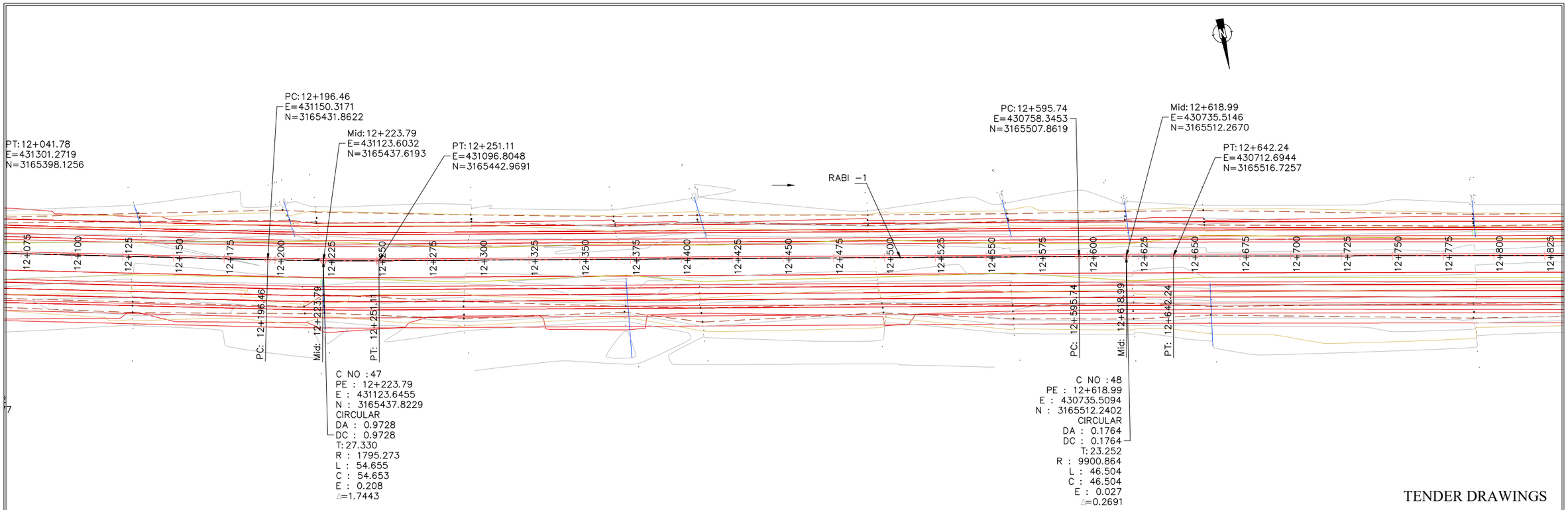

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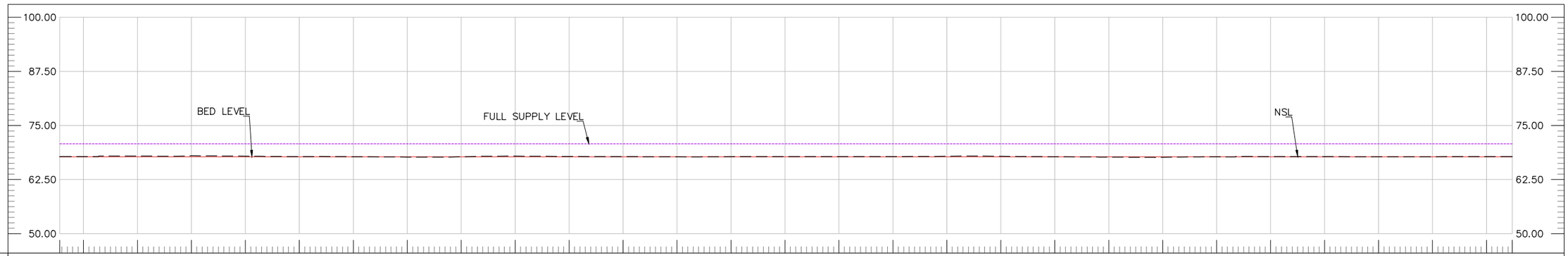

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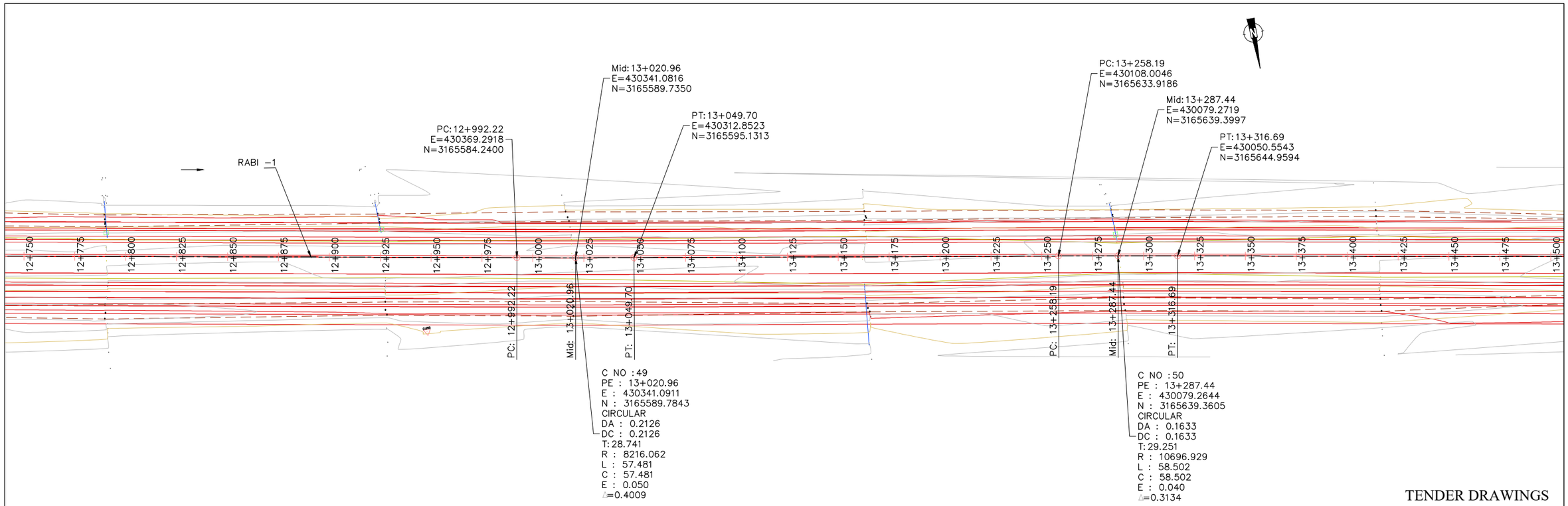

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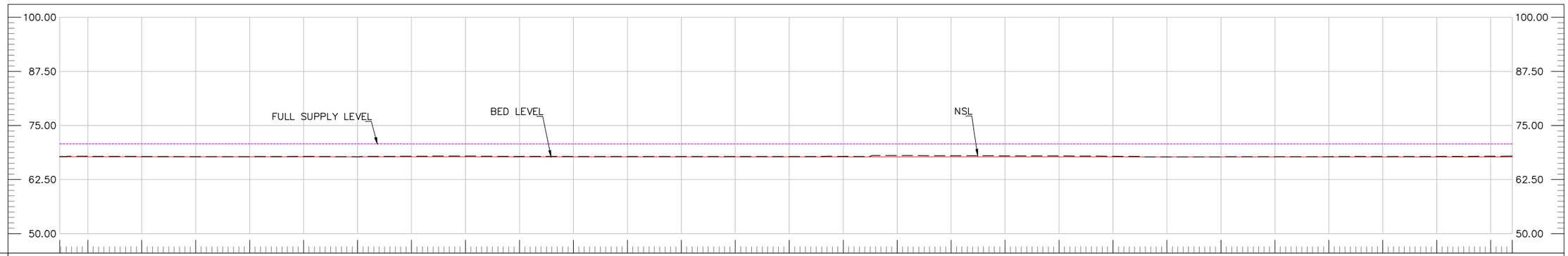

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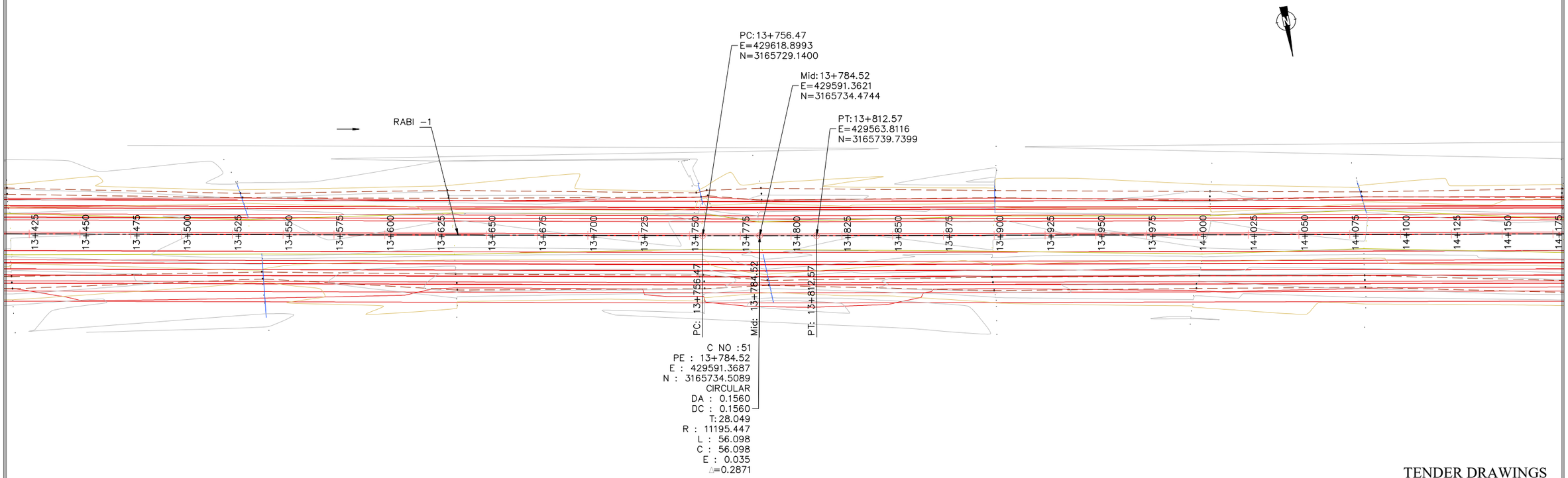

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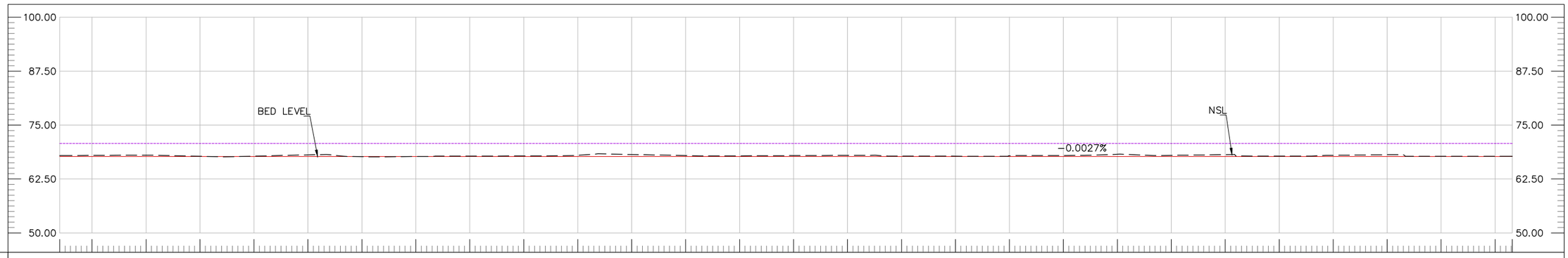
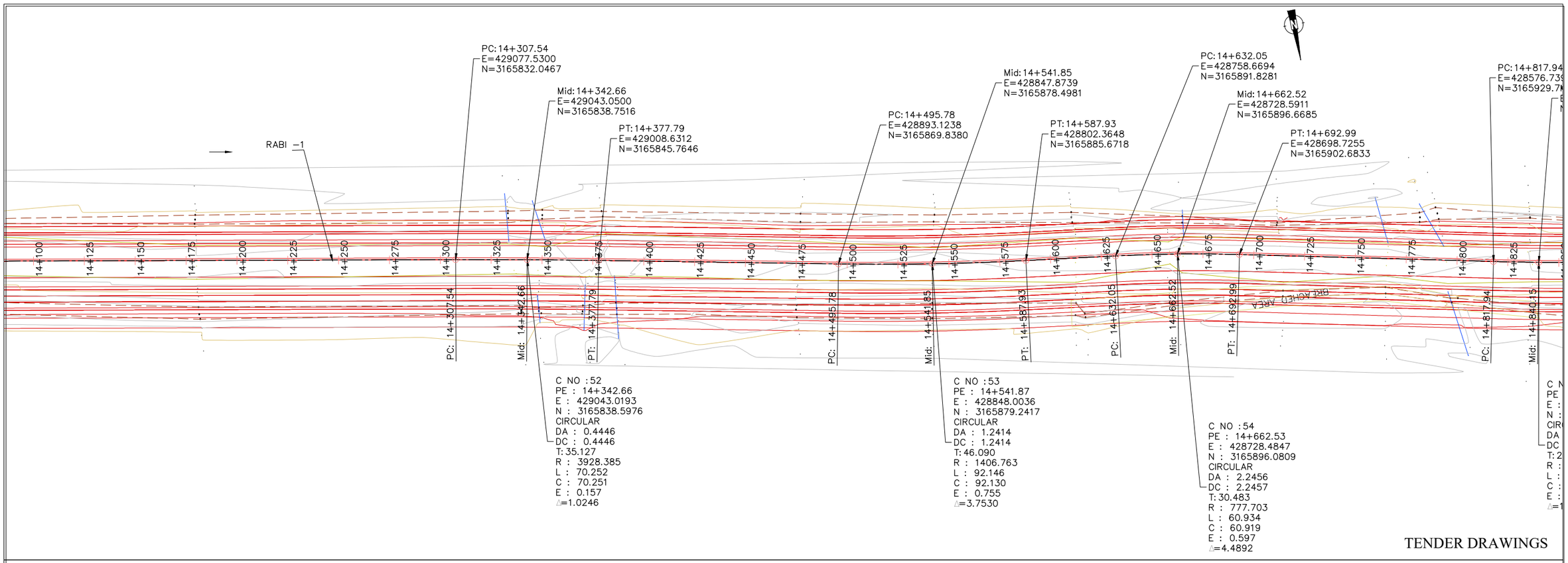
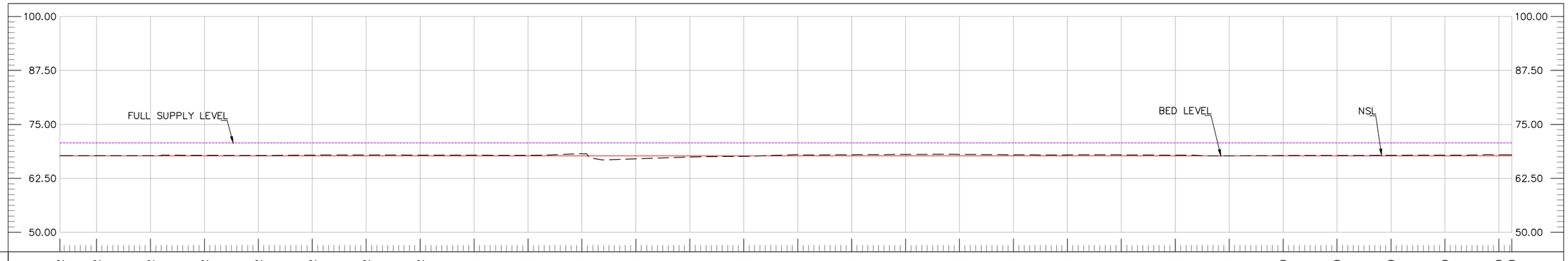


FSL	70.74	70.74	70.74	70.74	70.74	70.73	70.73	70.73	70.73	70.73	70.73	70.73	70.73	70.73	70.73	70.73	70.73	70.73	70.73	70.73	70.72	70.72	70.72	70.72	70.72	70.72	70.72	70.72	70.72	70.72	
DBL	67.74	67.74	67.74	67.74	67.74	67.73	67.73	67.73	67.73	67.73	67.73	67.73	67.73	67.73	67.73	67.73	67.73	67.73	67.73	67.73	67.73	67.72	67.72	67.72	67.72	67.72	67.72	67.72	67.72	67.72	67.72
NSL	67.93	67.97	68.04	67.78	67.80	68.10	67.69	67.72	67.82	67.83	67.99	68.18	67.93	67.87	67.92	67.98	67.81	67.79	67.92	67.95	68.25	67.98	68.14	67.83	67.99	68.14	67.76	67.75	67.75		
RD	13+460	13+475	13+500	13+525	13+550	13+575	13+600	13+625	13+650	13+675	13+700	13+725	13+750	13+775	13+800	13+825	13+850	13+875	13+900	13+925	13+950	13+975	14+000	14+025	14+050	14+075	14+100	14+125	14+133		

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: RESTORATION / STRENGTHENING OF FLOOD EMBANKMENT OF MAIN RABI CANAL FROM RD 00 TO RD.100 AND RABI CANAL -II FROM RD.0 TO 25 KM (DISTRICT NASEERABAD)	DRAWING TITLE:- PLAN AND PROFILE OF RABI CANAL-1 SHEET-1	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: SEP / 2025		
DRAWING NO: IFRAP-P04/RBC-22	SHEET:- 21 OF 38		





RD	FSL	DBL	NSL
14+133	70.72	67.72	67.75
14+150	70.72	67.72	67.75
14+175	70.72	67.72	67.75
14+200	70.72	67.72	67.83
14+225	70.72	67.72	67.78
14+250	70.72	67.72	67.88
14+275	70.72	67.72	67.92
14+300	70.72	67.72	67.89
14+325	70.71	67.71	67.86
14+350	70.71	67.71	67.81
14+375	70.71	67.71	68.21
14+400	70.71	67.71	67.02
14+425	70.71	67.71	67.43
14+450	70.71	67.71	67.60
14+475	70.71	67.71	68.00
14+500	70.71	67.71	67.98
14+525	70.71	67.71	68.04
14+550	70.71	67.71	68.06
14+575	70.71	67.71	67.97
14+600	70.71	67.71	67.93
14+625	70.71	67.71	67.94
14+650	70.71	67.71	67.88
14+675	70.71	67.71	67.71
14+700	70.70	67.70	67.77
14+725	70.70	67.70	67.79
14+750	70.70	67.70	67.83
14+775	70.70	67.70	67.88
14+800	70.70	67.70	67.95
14+806	70.70	67.70	67.97

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.

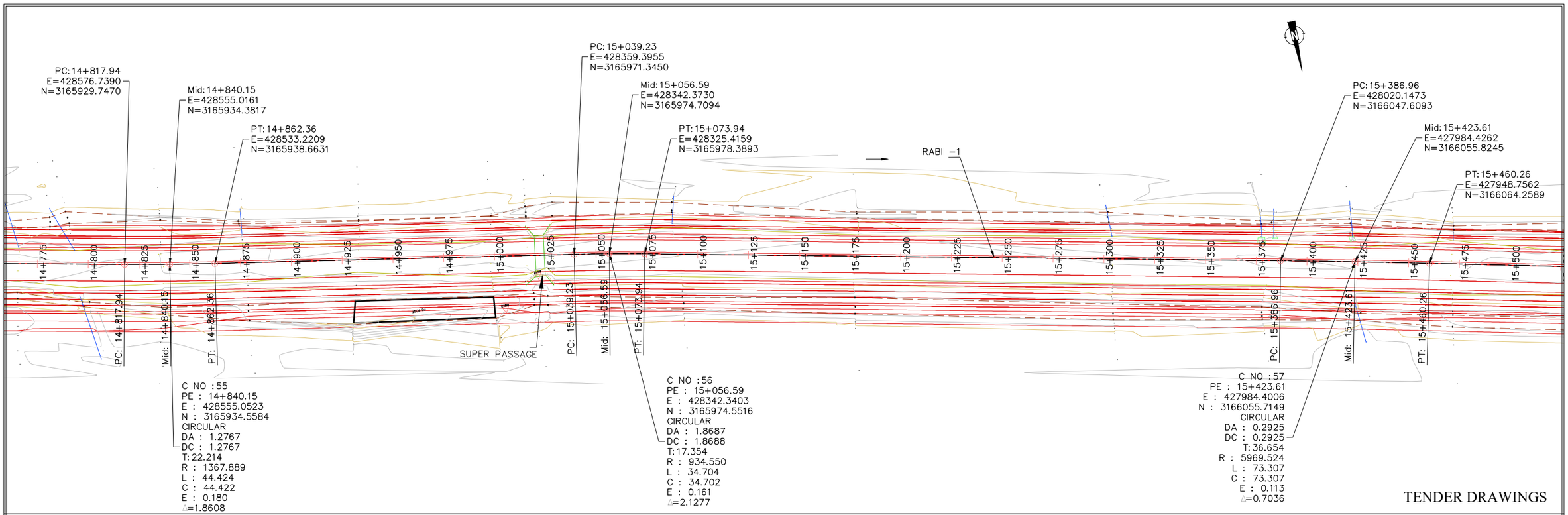
PROJECT TITLE:
INTEGRATED FLOOD RESILIENCE AND ADAPTATION PROJECT

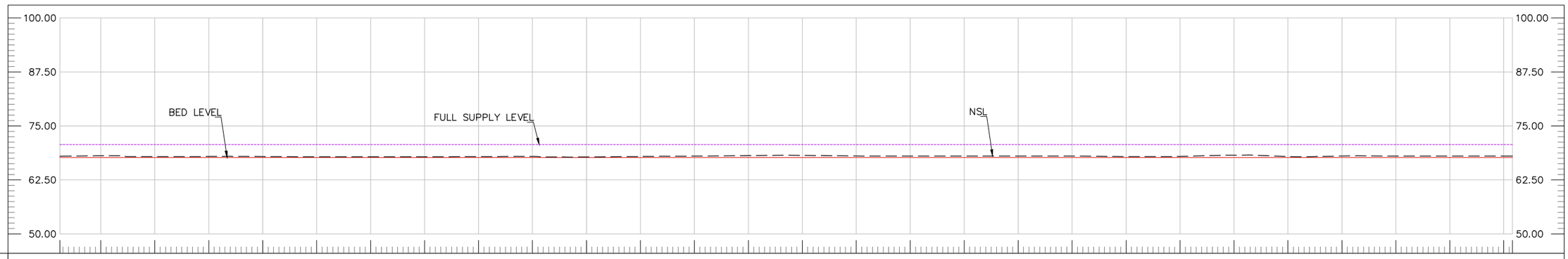
SCHEME NAME:
RESTORATION / STRENGTHENING OF FLOOD EMBANKMENT OF MAIN RABI CANAL FROM RD 00 TO RD.100 AND RABI CANAL -II FROM RD.0 TO 25 KM (DISTRICT NASEERABAD)

DRAWING TITLE:-
PLAN AND PROFILE OF RABI CANAL-1 SHEET-22

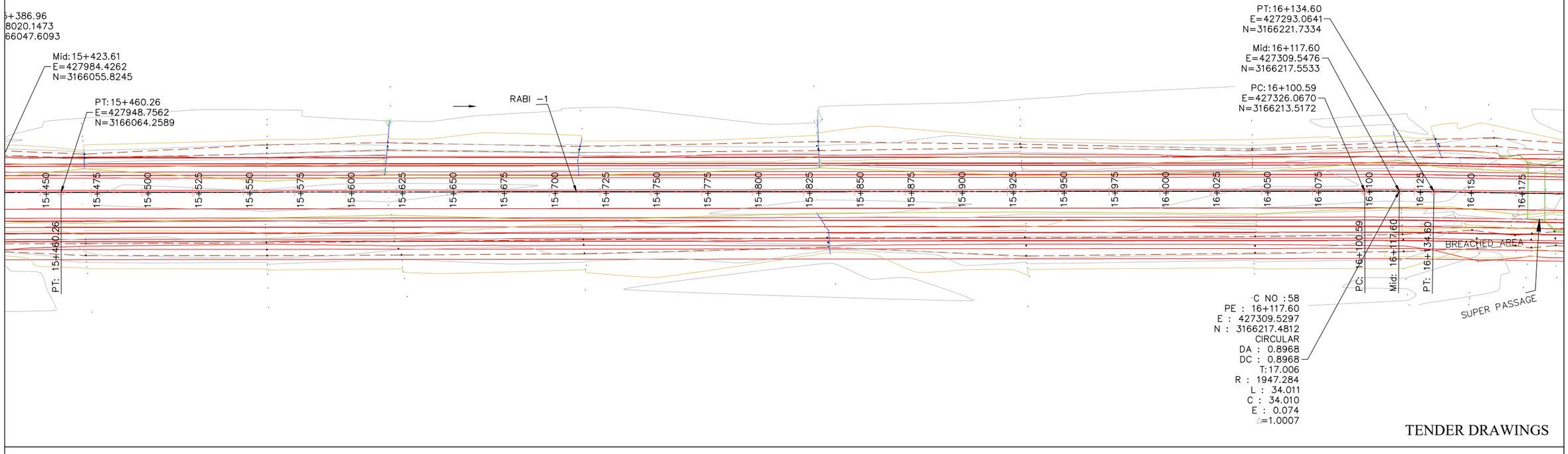
NOTES:
ALL LEVELS AND DIMENSIONS ARE IN METERS UNLESS INDICATED OTHERWISE.

DRAWN BY:	FAISAL / USAMA	DESIGNED BY:	KAMRAN BABAR
CHECKED BY:	ZIA-UL-HAQ	SCALE:	1:2000
FILE PATH:	G:/ IFRAP	DATE:	SEP / 2025
DRAWING NO:	IFRAP-P04/RBC-23	SHEET:-	22 OF 38


PC: 14+817.94
E=428576.7390
N=3165929.7470
Mid: 14+840.15
E=428555.0161
N=3165934.3817
PT: 14+862.36
E=428533.2209
N=3165938.6631
PC: 15+039.23
E=428359.3955
N=3165971.3450
Mid: 15+056.59
E=428342.3730
N=3165974.7094
PT: 15+073.94
E=428325.4159
N=3165978.3893
RABI -1
PC: 15+386.96
E=428020.1473
N=3166047.6093
Mid: 15+423.61
E=427984.4262
N=3166055.8245
PT: 15+460.26
E=427948.7562
N=3166064.2589
SUPER PASSAGE
C NO :55
PE : 14+840.15
E : 428555.0523
N : 3165934.5584
CIRCULAR
DA : 1.2767
DC : 1.2767
T: 22.214
R : 1367.889
L : 44.424
C : 44.422
E : 0.180
△=1.8608
C NO :56
PE : 15+056.59
E : 428342.3403
N : 3165974.5516
CIRCULAR
DA : 1.8687
DC : 1.8688
T: 17.354
R : 934.550
L : 34.704
C : 34.702
E : 0.161
△=2.1277
C NO :57
PE : 15+423.61
E : 427984.4006
N : 3166055.7149
CIRCULAR
DA : 0.2925
DC : 0.2925
T: 36.654
R : 5969.524
L : 73.307
C : 73.307
E : 0.113
△=0.7036
TENDER DRAWINGS


100.00
87.50
75.00
62.50
50.00
BED LEVEL
FULL SUPPLY LEVEL
NSL

| | | |



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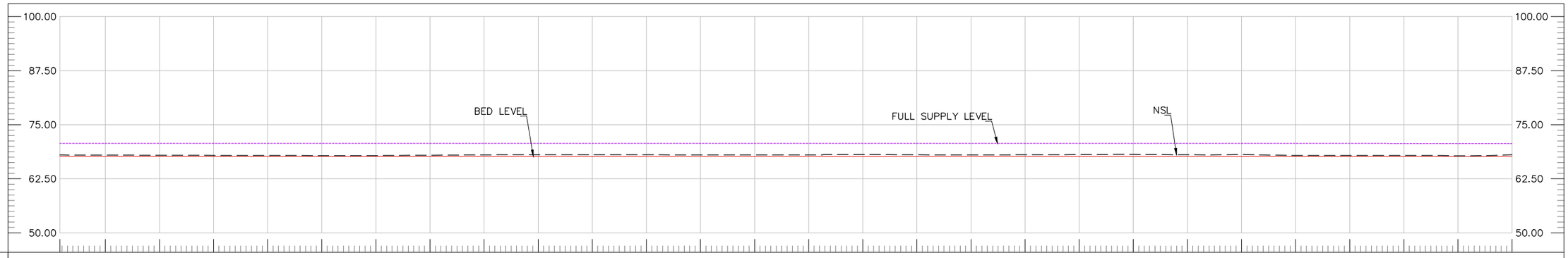
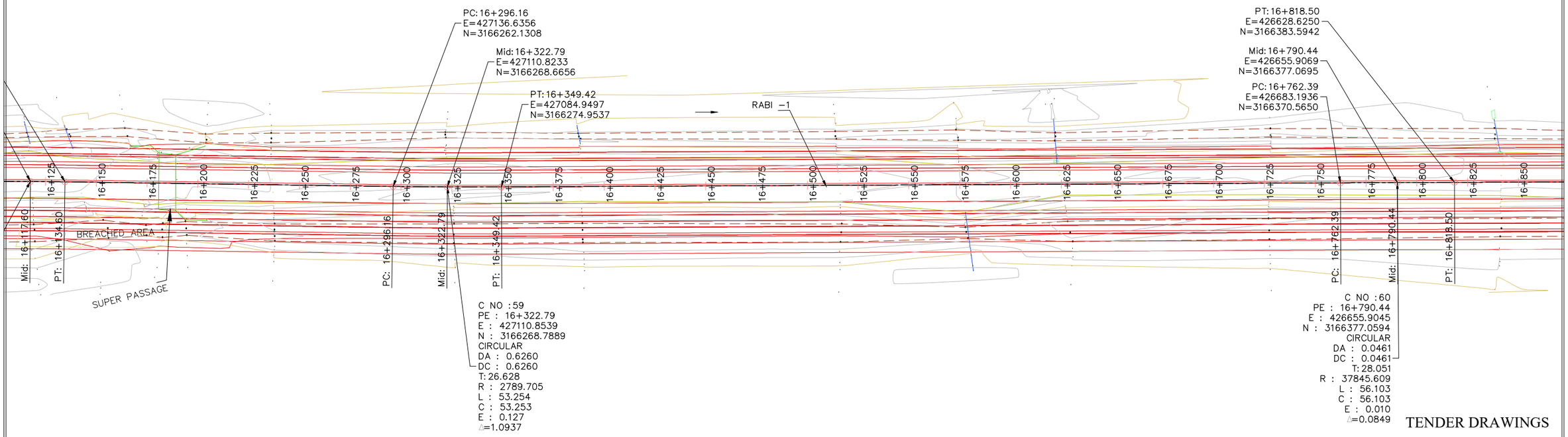


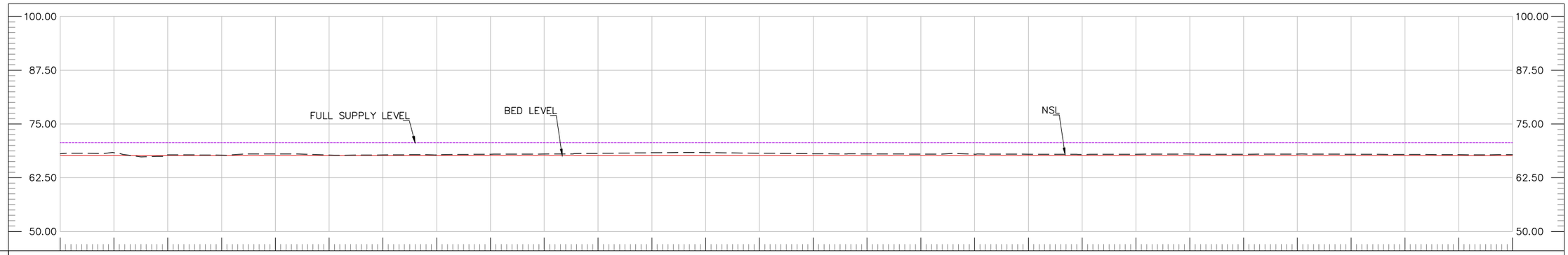
FSL	70.68	70.68	70.68	70.68	70.68	70.68	70.68	70.68	70.68	70.68	70.68	70.68	70.68	70.67	70.67	70.67	70.67	70.67	70.67	70.67	70.67	70.67	70.67	70.67	70.67	70.67	70.67	70.67	70.67	70.67	70.67
DBL	67.68	67.68	67.68	67.68	67.68	67.68	67.68	67.68	67.68	67.68	67.68	67.68	67.68	67.67	67.67	67.67	67.67	67.67	67.67	67.67	67.67	67.67	67.67	67.67	67.67	67.67	67.67	67.67	67.67	67.67	67.67
NSL	68.00	67.98	67.95	67.92	67.89	67.87	67.87	67.95	68.03	68.08	68.05	68.05	68.04	68.03	68.02	68.10	68.05	68.03	68.05	68.09	68.14	68.06	68.09	67.91	67.90	67.89	67.80	68.08			
RD	15+479	15+500	15+525	15+550	15+575	15+600	15+625	15+650	15+675	15+700	15+725	15+750	15+775	15+800	15+825	15+850	15+875	15+900	15+925	15+950	15+975	16+000	16+025	16+050	16+075	16+100	16+125	16+150			

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: RESTORATION / STRENGTHENING OF FLOOD EMBANKMENT OF MAIN RABI CANAL FROM RD 00 TO RD.100 AND RABI CANAL -II FROM RD.0 TO 25 KM (DISTRICT NASEERABAD)	DRAWING TITLE:- PLAN AND PROFILE OF RABI CANAL-1 SHEET-24	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:	SEP / 2025
DRAWING NO:	IFRAP-P04/RBC-25	SHEET:-	24 OF 38



TENDER DRAWINGS



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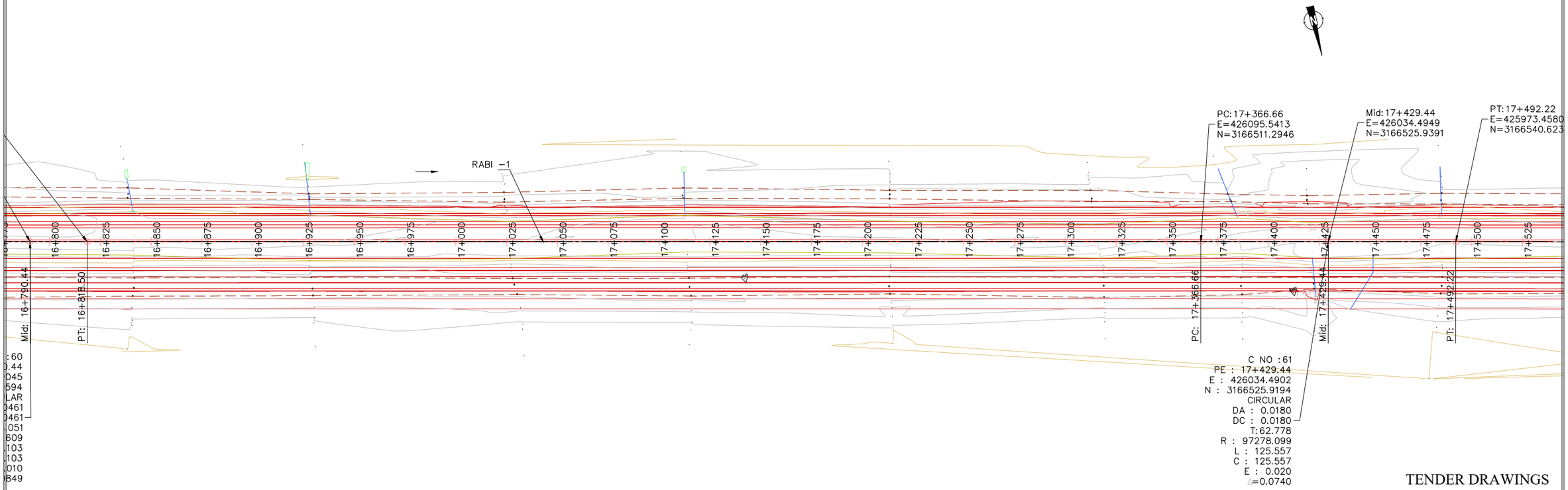
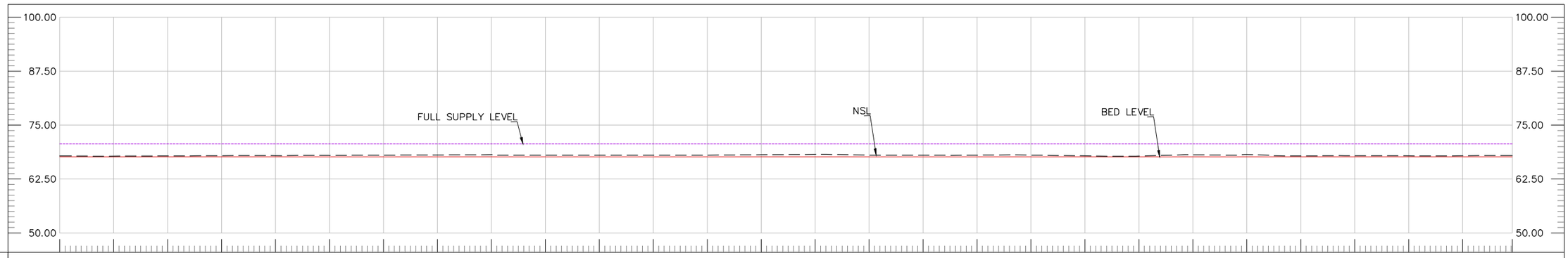




RD	FSL	DBL	NSL
16+825	70.65	67.65	67.84
16+850	70.65	67.65	67.78
16+875	70.65	67.65	67.85
16+900	70.65	67.65	67.91
16+925	70.64	67.64	67.92
16+950	70.64	67.64	67.98
16+975	70.64	67.64	68.03
17+000	70.64	67.64	68.08
17+025	70.64	67.64	68.13
17+050	70.64	67.64	68.01
17+075	70.64	67.64	68.02
17+100	70.64	67.64	68.02
17+125	70.64	67.64	68.04
17+150	70.64	67.64	68.13
17+175	70.64	67.64	68.22
17+200	70.64	67.64	68.04
17+225	70.64	67.64	68.02
17+250	70.64	67.64	68.04
17+275	70.64	67.64	68.04
17+300	70.63	67.63	67.86
17+325	70.63	67.63	67.79
17+350	70.63	67.63	68.12
17+375	70.63	67.63	68.20
17+400	70.63	67.63	67.85
17+425	70.63	67.63	67.91
17+450	70.63	67.63	67.88
17+475	70.63	67.63	67.89
17+498	70.63	67.63	67.94

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.

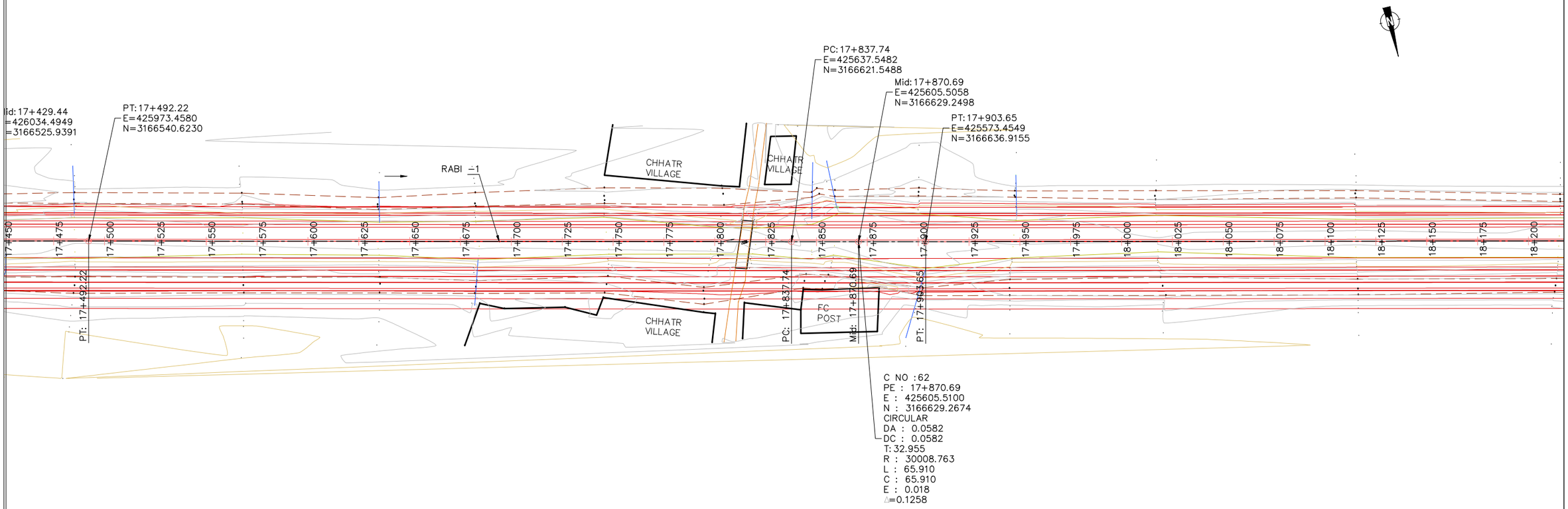
PROJECT TITLE:
INTEGRATED FLOOD RESILIENCE AND ADAPTATION PROJECT

SCHEME NAME:
RESTORATION / STRENGTHENING OF FLOOD EMBANKMENT OF MAIN RABI CANAL FROM RD 00 TO RD.100 AND RABI CANAL -II FROM RD.0 TO 25 KM (DISTRICT NASEERABAD)

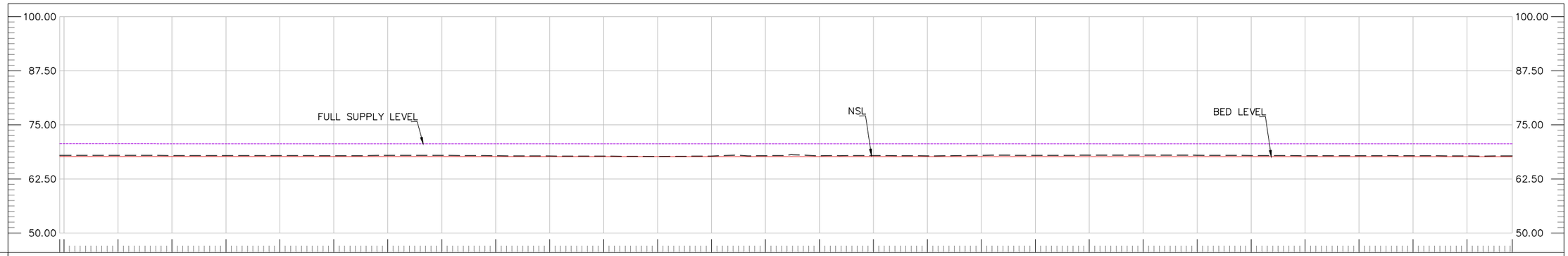
DRAWING TITLE:-
PLAN AND PROFILE OF RABI CANAL-1 SHEET-26

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:	SEP / 2025
DRAWING NO:	IFRAP-P04/RBC-27	SHEET:-	26 OF 38



TENDER DRAWINGS



FSL	70.63	70.63	70.63	70.63	70.63	70.63	70.63	70.62	70.62	70.62	70.62	70.62	70.62	70.62	70.62	70.62	70.62	70.62	70.62	70.62	70.62	70.62	70.61	70.61	70.61	70.61	70.61	70.61			
DBL	67.63	67.63	67.63	67.63	67.63	67.63	67.63	67.62	67.62	67.62	67.62	67.62	67.62	67.62	67.62	67.62	67.62	67.62	67.62	67.62	67.62	67.62	67.61	67.61	67.61	67.61	67.61	67.61			
NSL	67.94	67.93	67.92	67.90	67.91	67.86	67.95	67.93	67.86	67.79	67.77	67.70	67.79	67.86	67.87	67.90	67.83	67.96	67.95	67.97	67.98	67.97	67.92	67.86	67.86	67.86	67.80	67.81			
RD	17+500	17+525	17+550	17+575	17+600	17+625	17+650	17+675	17+700	17+725	17+750	17+775	17+800	17+825	17+850	17+875	17+900	17+925	17+950	17+975	18+000	18+025	18+050	18+075	18+100	18+125	18+150	18+171			

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: RESTORATION / STRENGTHENING OF FLOOD EMBANKMENT OF MAIN RABI CANAL FROM RD 00 TO RD.100 AND RABI CANAL -II FROM RD.0 TO 25 KM (DISTRICT NASEERABAD)	DRAWING TITLE:- PLAN AND PROFILE OF RABI CANAL-1 SHEET-27

NOTES:
ALL LEVELS AND DIMENSIONS ARE IN METERS UNLESS INDICATED OTHERWISE.

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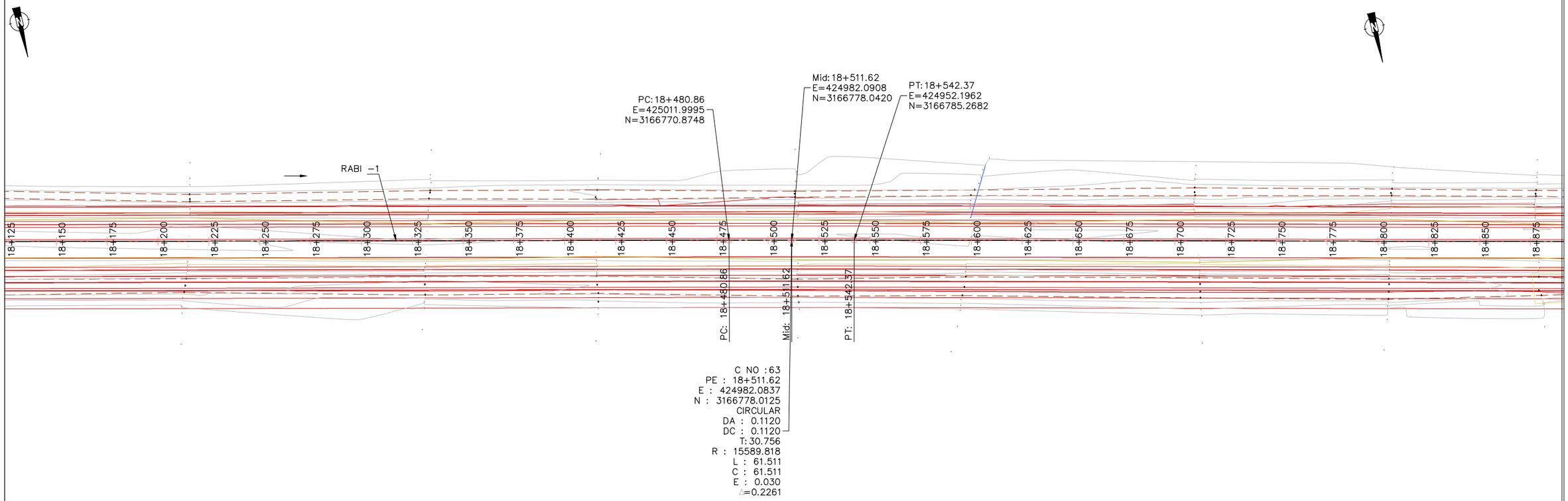
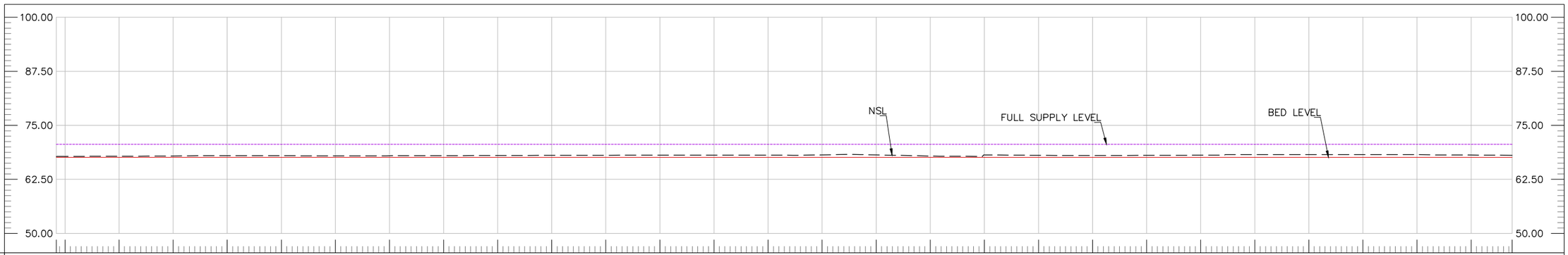
CHECKED BY: ZIA-UL-HAQ		SCALE:	1:2000
FILE PATH: G:/ IFRAP		DATE:	SEP / 2025
DRAWING NO: IFRAP-P04/RBC-28		SHEET:-	27 OF 38



TENDER DRAWINGS



FSL	70.61	70.61	70.61	70.61	70.61	70.61	70.61	70.61	70.61	70.61	70.61	70.60	70.60	70.60	70.60	70.60	70.60	70.60	70.60	70.60	70.60	70.60	70.60	70.60	70.60	70.60	70.59	70.59	70.59	70.59			
DBL	67.61	67.61	67.61	67.61	67.61	67.61	67.61	67.61	67.61	67.61	67.61	67.60	67.60	67.60	67.60	67.60	67.60	67.60	67.60	67.60	67.60	67.60	67.60	67.60	67.60	67.60	67.59	67.59	67.59	67.59			
NSL	67.81	67.82	67.86	67.92	67.99	67.97	67.94	67.97	67.99	68.02	68.06	68.08	68.10	68.11	68.10	68.17	68.17	67.90	68.16	68.07	68.02	68.06	68.09	68.23	68.23	68.24	68.25	68.13	68.08				
RD	18+171	18+175	18+200	18+225	18+250	18+275	18+300	18+325	18+350	18+375	18+400	18+425	18+450	18+475	18+500	18+525	18+550	18+575	18+600	18+625	18+650	18+675	18+700	18+725	18+750	18+775	18+800	18+825	18+844				

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:

RESTORATION / STRENGTHENING OF FLOOD EMBANKMENT OF MAIN RABI CANAL FROM RD 00 TO RD.100 AND RABI CANAL -II FROM RD.0 TO 25 KM (DISTRICT NASEERABAD)

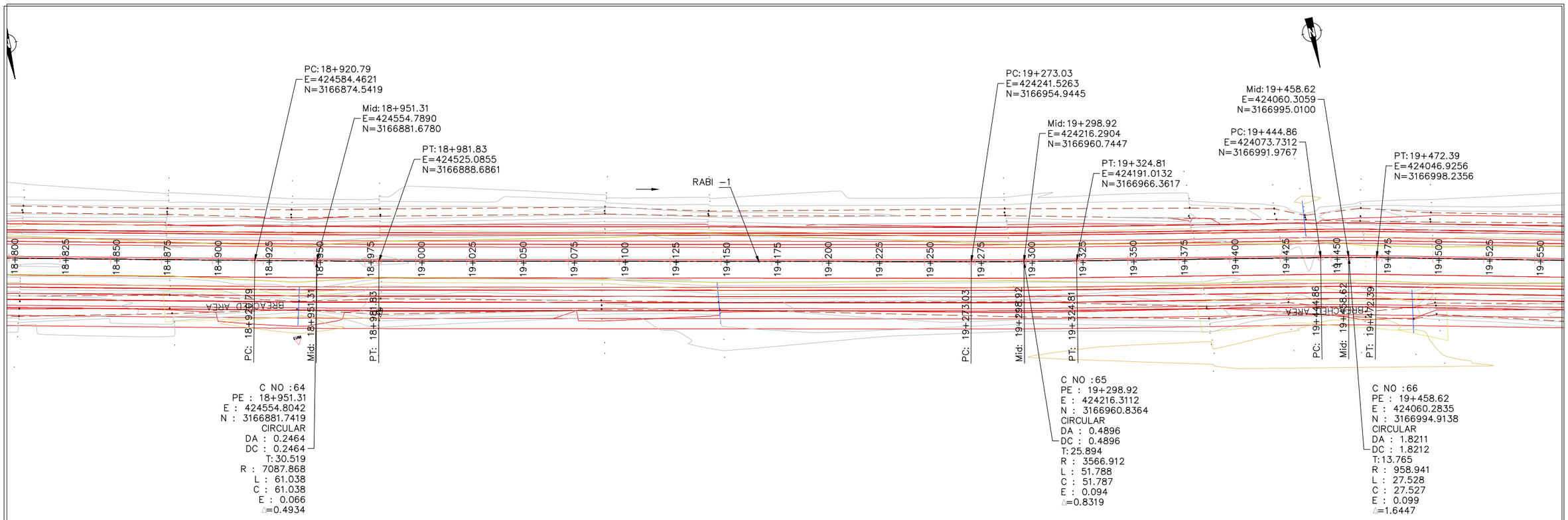
DRAWING TITLE:-

PLAN AND PROFILE OF RABI CANAL-1 SHEET-28

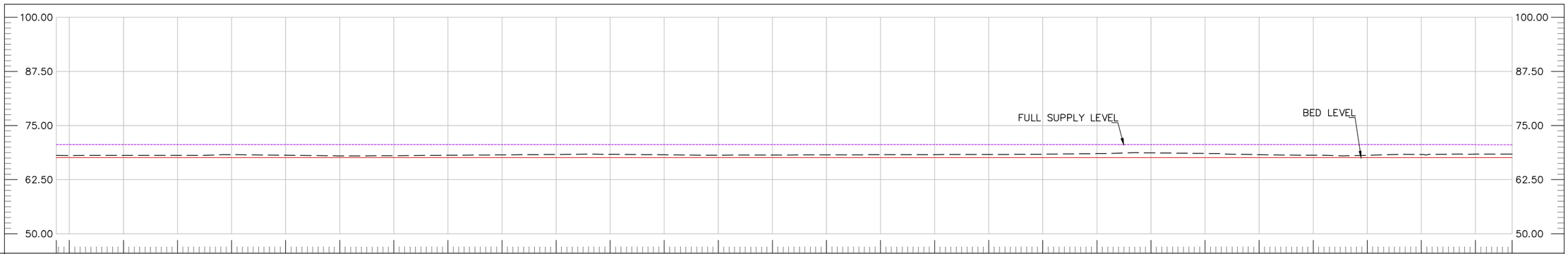
NOTES:

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:	SEP / 2025
DRAWING NO:	IFRAP-P04/RBC-29	SHEET:-	28 OF 38



TENDER DRAWINGS



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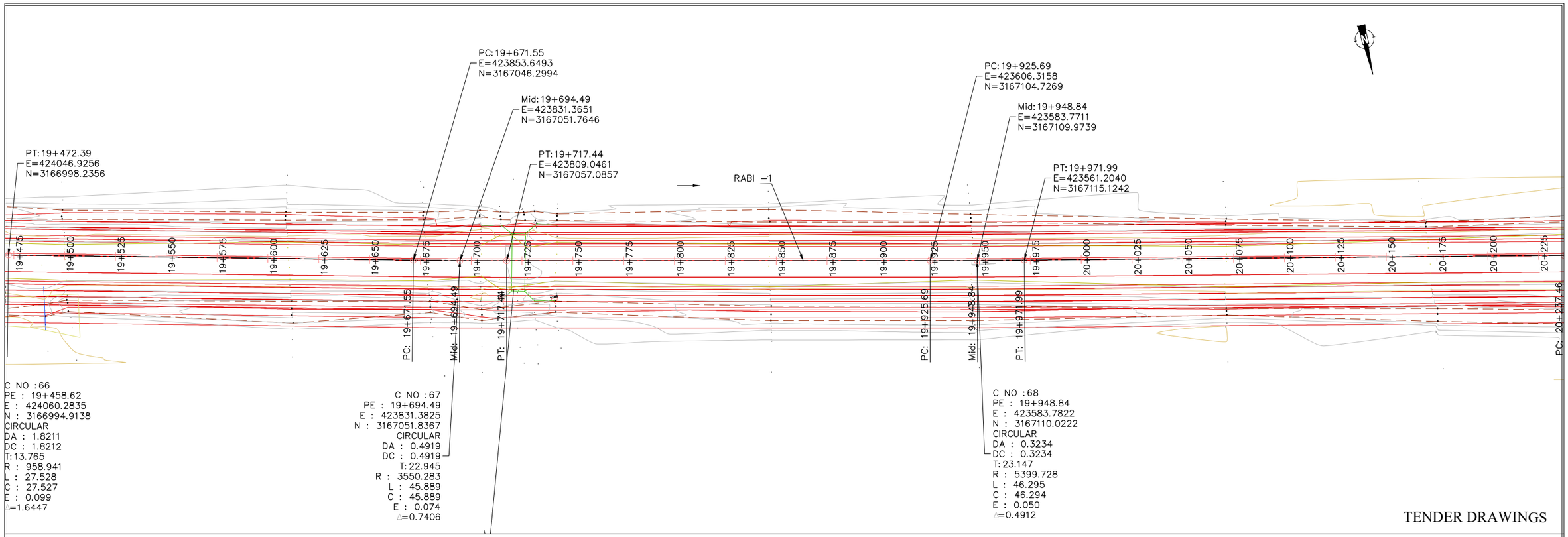
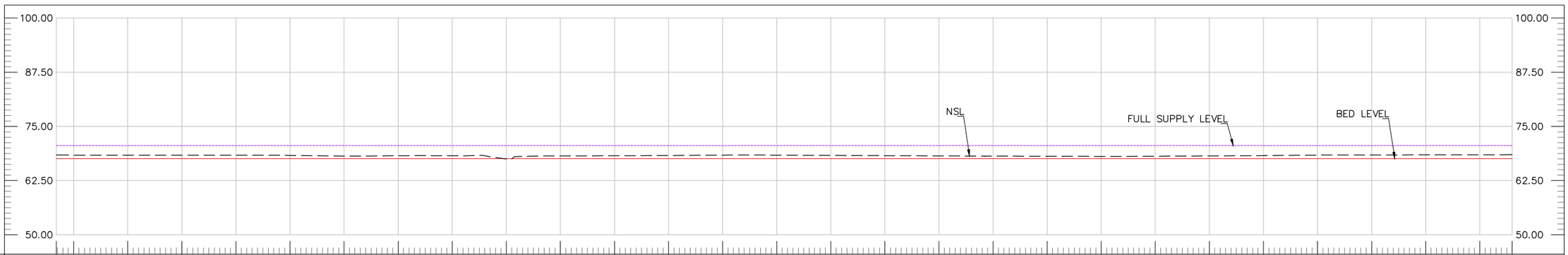
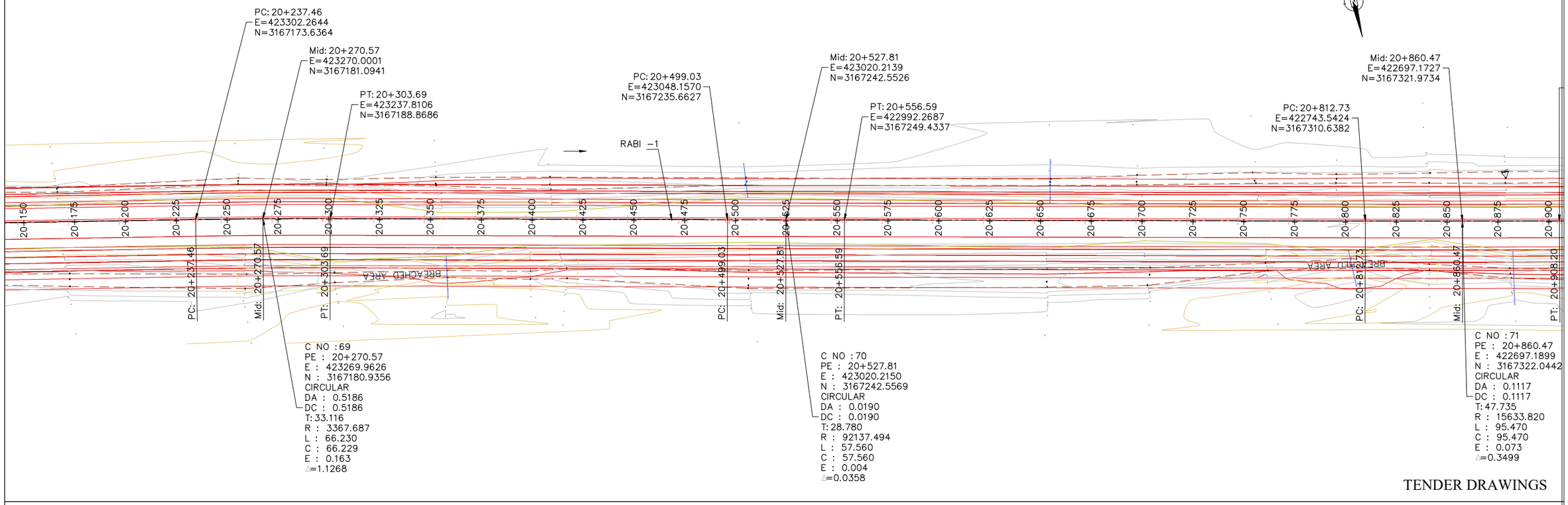


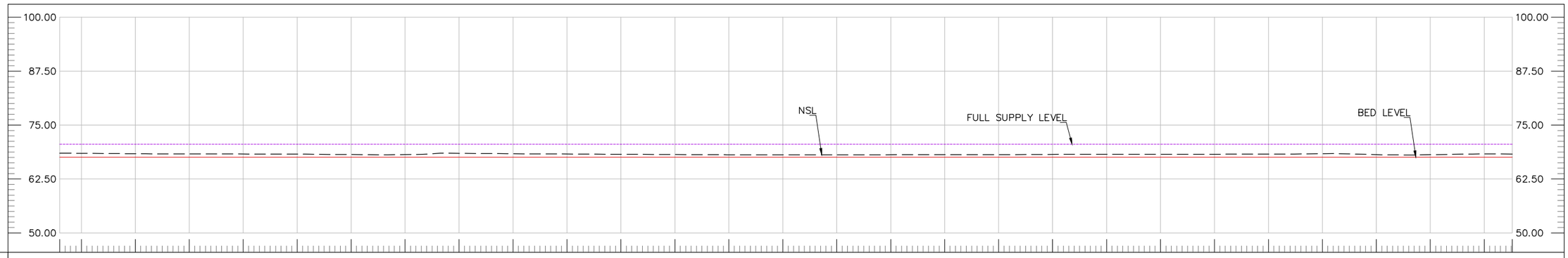


FSL	70.57	70.57	70.57	70.57	70.57	70.57	70.57	70.57	70.57	70.57	70.57	70.57	70.57	70.57	70.57	70.57	70.56	70.56	70.56	70.56	70.56	70.56	70.56	70.56	70.56	70.56	70.56	70.56	70.56	70.56	
DBL	67.57	67.57	67.57	67.57	67.57	67.57	67.57	67.57	67.57	67.57	67.57	67.57	67.57	67.57	67.57	67.57	67.56	67.56	67.56	67.56	67.56	67.56	67.56	67.56	67.56	67.56	67.56	67.56	67.56	67.56	
NSL	68.38	68.38	68.37	68.37	68.37	68.31	68.16	68.22	68.22	67.52	68.18	68.23	68.28	68.38	68.35	68.31	68.25	68.19	68.15	68.11	68.08	68.11	68.18	68.26	68.38	68.41	68.43	68.46	68.47		
RD	19+517	19+525	19+550	19+575	19+600	19+625	19+650	19+675	19+700	19+725	19+750	19+775	19+800	19+825	19+850	19+875	19+900	19+925	19+950	19+975	20+000	20+025	20+050	20+075	20+100	20+125	20+150	20+175	20+190		

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: RESTORATION / STRENGTHENING OF FLOOD EMBANKMENT OF MAIN RABI CANAL FROM RD 00 TO RD.100 AND RABI CANAL -II FROM RD.0 TO 25 KM (DISTRICT NASEERABAD)	DRAWING TITLE:- PLAN AND PROFILE OF RABI CANAL-1 SHEET-30	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:	SEP / 2025
DRAWING NO:	IFRAP-P04/RBC-31	SHEET:-	30 OF 38





RD	FSL	DBL	NSL
20+190	70.56	67.56	68.47
20+200	70.56	67.56	68.45
20+225	70.56	67.56	68.35
20+250	70.56	67.56	68.32
20+275	70.55	67.55	68.29
20+300	70.55	67.55	68.26
20+325	70.55	67.55	68.17
20+350	70.55	67.55	68.16
20+375	70.55	67.55	68.45
20+400	70.55	67.55	68.35
20+425	70.55	67.55	68.29
20+450	70.55	67.55	68.23
20+475	70.55	67.55	68.18
20+500	70.55	67.55	68.12
20+525	70.55	67.55	68.11
20+550	70.55	67.55	68.11
20+575	70.55	67.55	68.12
20+600	70.55	67.55	68.13
20+625	70.55	67.55	68.14
20+650	70.54	67.54	68.21
20+675	70.54	67.54	68.23
20+700	70.54	67.54	68.22
20+725	70.54	67.54	68.24
20+750	70.54	67.54	68.29
20+775	70.54	67.54	68.36
20+800	70.54	67.54	68.15
20+825	70.54	67.54	68.13
20+850	70.54	67.54	68.29
20+863	70.54	67.54	68.29

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.

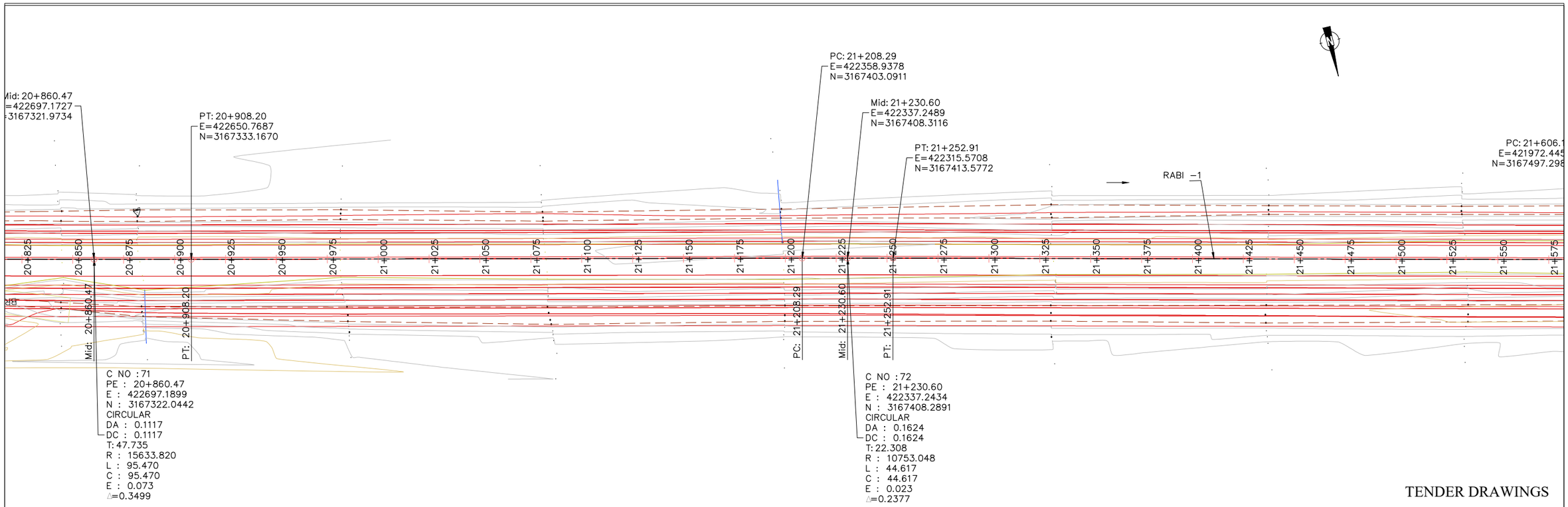
PROJECT TITLE:
INTEGRATED FLOOD RESILIENCE AND ADAPTATION PROJECT

SCHEME NAME:
RESTORATION / STRENGTHENING OF FLOOD EMBANKMENT OF MAIN RABI CANAL FROM RD 00 TO RD.100 AND RABI CANAL -II FROM RD.0 TO 25 KM (DISTRICT NASEERABAD)

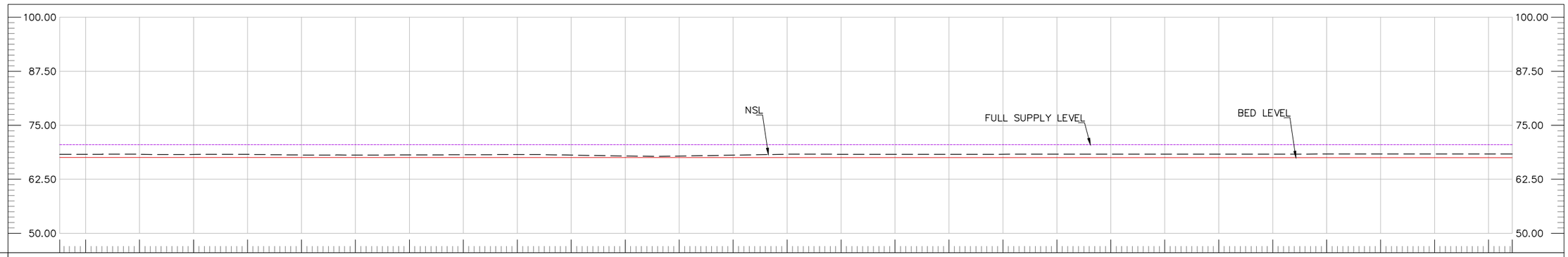
DRAWING TITLE:-
PLAN AND PROFILE OF RABI CANAL-1 SHEET-31

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:	SEP / 2025
DRAWING NO:	IFRAP-P04/RBC-32	SHEET:-	31 OF 38



TENDER DRAWINGS



FSL	70.54	70.54	70.54	70.54	70.54	70.54	70.54	70.53	70.53	70.53	70.53	70.53	70.53	70.53	70.53	70.53	70.53	70.53	70.53	70.53	70.53	70.52	70.52	70.52	70.52	70.52	70.52	70.52	70.52		
DBL	67.54	67.54	67.54	67.54	67.54	67.54	67.54	67.53	67.53	67.53	67.53	67.53	67.53	67.53	67.53	67.53	67.53	67.53	67.53	67.53	67.53	67.52	67.52	67.52	67.52	67.52	67.52	67.52	67.52		
NSL	68.29	68.27	68.29	68.25	68.26	68.13	68.11	68.14	68.19	68.23	68.10	67.90	67.88	68.09	68.31	68.29	68.28	68.27	68.30	68.32	68.33	68.33	68.32	68.32	68.34	68.35	68.36	68.37	68.37		
RD	20+863	20+875	20+900	20+925	20+950	20+975	21+000	21+025	21+050	21+075	21+100	21+125	21+150	21+175	21+200	21+225	21+250	21+275	21+300	21+325	21+350	21+375	21+400	21+425	21+450	21+475	21+500	21+525	21+536		

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:

RESTORATION / STRENGTHENING OF FLOOD EMBANKMENT OF MAIN RABI CANAL FROM RD 00 TO RD.100 AND RABI CANAL -II FROM RD.0 TO 25 KM (DISTRICT NASEERABAD)

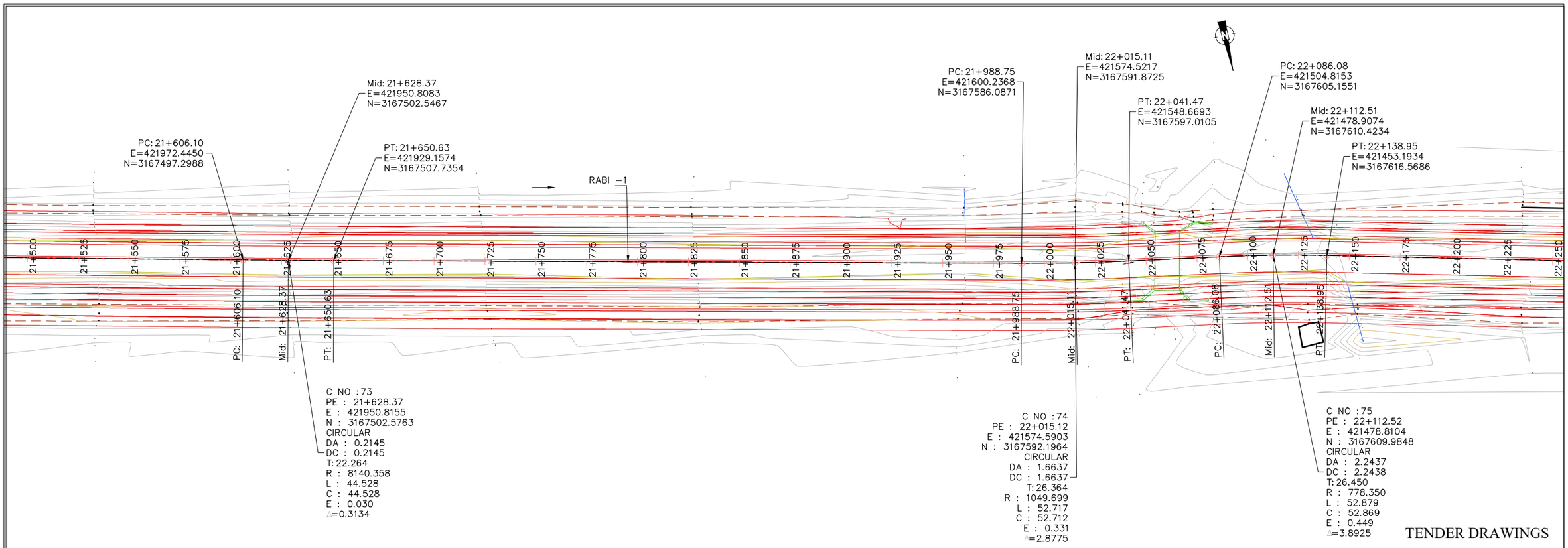
DRAWING TITLE:-

PLAN AND PROFILE OF RABI CANAL-1 SHEET-32

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:	SEP / 2025
DRAWING NO:	IFRAP-P04/RBC-33	SHEET:-	32 OF 38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E=421972.4450
N=3167497.2988
Mid: 21+628.37
E=421950.8083
N=3167502.5467
PT: 21+650.63
E=421929.1574
N=3167507.7354
RABI – 1
PC: 21+988.75
E=421600.2368
N=3167586.0871
Mid: 22+015.11
E=421574.5217
N=3167591.8725
PT: 22+041.47
E=421548.6693
N=3167597.0105
PC: 22+086.08
E=421504.8153
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Mid: 22+112.51
E=421478.9074
N=3167610.4234
PT: 22+138.95
E=421453.1934
N=3167616.5686
21+500
21+525
21+550
21+575
21+600
21+625
21+650
21+675
21+700
21+725
21+750
21+775
21+800
21+825
21+850
21+875
21+900
21+925
21+950
21+975
22+000
22+025
22+050
22+075
22+100
22+125
22+150
22+175
22+200
22+225
22+250
PC: 21+606.10
Mid: 21+628.37
PT: 21+650.63
PC: 21+988.75
Mid: 22+015.11
PT: 22+041.47
PC: 22+086.08
Mid: 22+112.51
PT: 22+138.95
C NO : 73
PE : 21+628.37
E : 421950.8155
N : 3167502.5763
CIRCULAR
DA : 0.2145
DC : 0.2145
T: 22.264
R : 8140.358
L : 44.528
C : 44.528
E : 0.030
△=0.3134
C NO : 74
PE : 22+015.12
E : 421574.5903
N : 3167592.1964
CIRCULAR
DA : 1.6637
DC : 1.6637
T: 26.364
R : 1049.699
L : 52.717
C : 52.712
E : 0.331
△=2.8775
C NO : 75
PE : 22+112.52
E : 421478.8104
N : 3167609.9848
CIRCULAR
DA : 2.2437
DC : 2.2438
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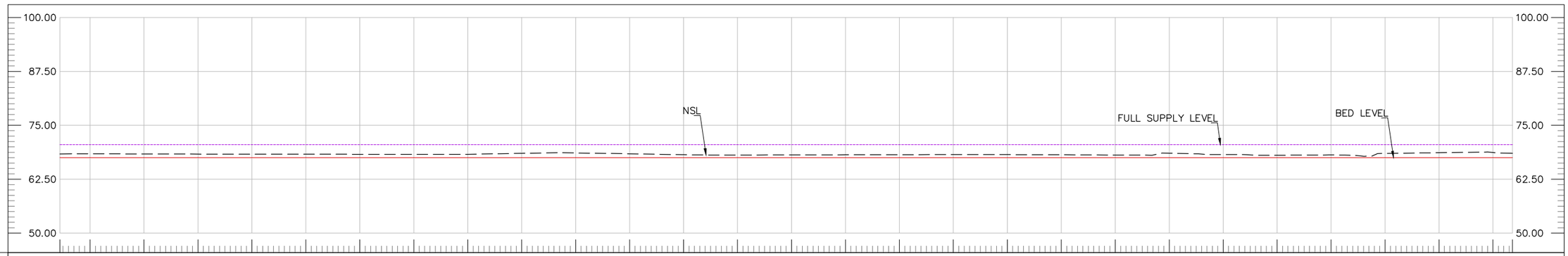
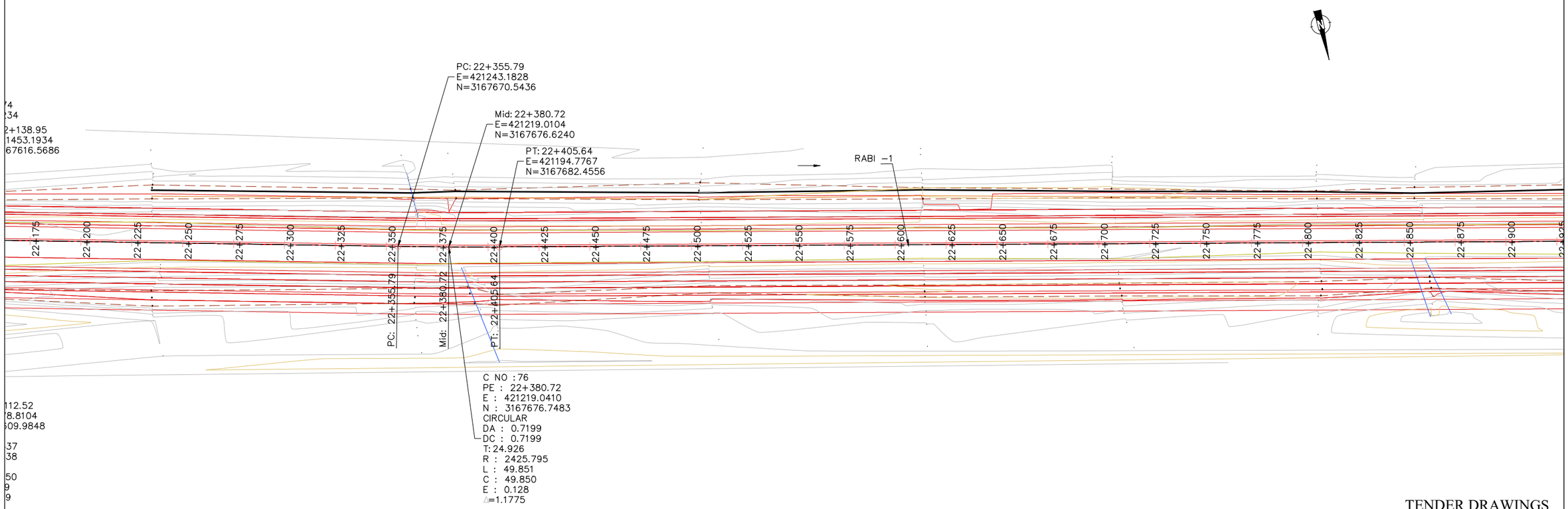
R : 778.350
L : 52.879
C : 52.869
E : 0.449
△=3.8925
TENDER DRAWINGS


100.00
87.50
75.00
62.50
50.00
NSL
FULL SUPPLY LEVEL
BED LEVEL

| | | |



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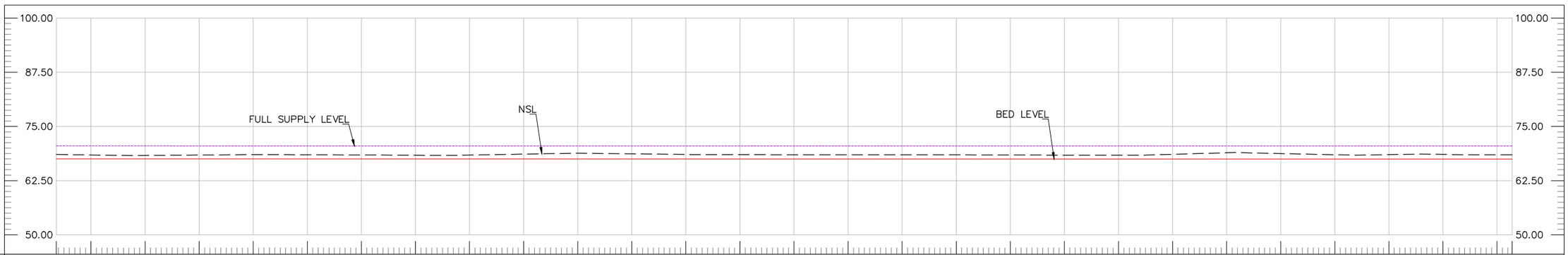
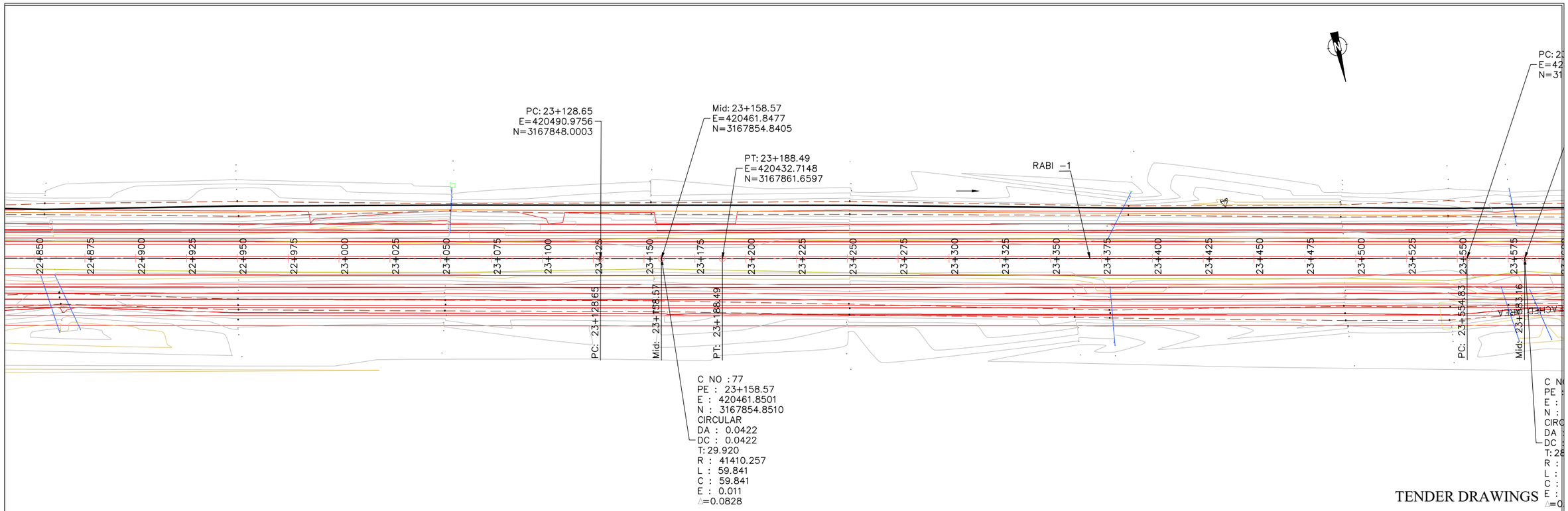


FSL	70.50	70.50	70.50	70.50	70.50	70.50	70.50	70.50	70.50	70.50	70.50	70.50	70.49	70.49	70.49	70.49	70.49	70.49	70.49	70.49	70.49	70.49	70.49	70.49	70.49	70.49	70.49	70.49	70.48	70.48		
DBL	67.50	67.50	67.50	67.50	67.50	67.50	67.50	67.50	67.50	67.50	67.50	67.50	67.49	67.49	67.49	67.49	67.49	67.49	67.49	67.49	67.49	67.49	67.49	67.49	67.49	67.49	67.49	67.49	67.48	67.48		
NSL	68.52	68.41	68.31	68.39	68.48	68.45	68.41	68.34	68.38	68.60	68.83	68.68	68.52	68.47	68.47	68.46	68.46	68.43	68.40	68.37	68.35	68.56	68.92	68.74	68.45	68.49	68.53	68.45	68.45			
RD	22+209	22+225	22+250	22+275	22+300	22+325	22+350	22+375	22+400	22+425	22+450	22+475	22+500	22+525	22+550	22+575	22+600	22+625	22+650	22+675	22+700	22+725	22+750	22+775	22+800	22+825	22+850	22+875	22+882				

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: RESTORATION / STRENGTHENING OF FLOOD EMBANKMENT OF MAIN RABI CANAL FROM RD 00 TO RD.100 AND RABI CANAL -II FROM RD.0 TO 25 KM (DISTRICT NASEERABAD)	DRAWING TITLE:- PLAN AND PROFILE OF RABI CANAL-1 SHEET-34	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:	SEP / 2025
DRAWING NO:	IFRAP-P04/RBC-35	SHEET:-	34 OF 38


PC: 23+128.65
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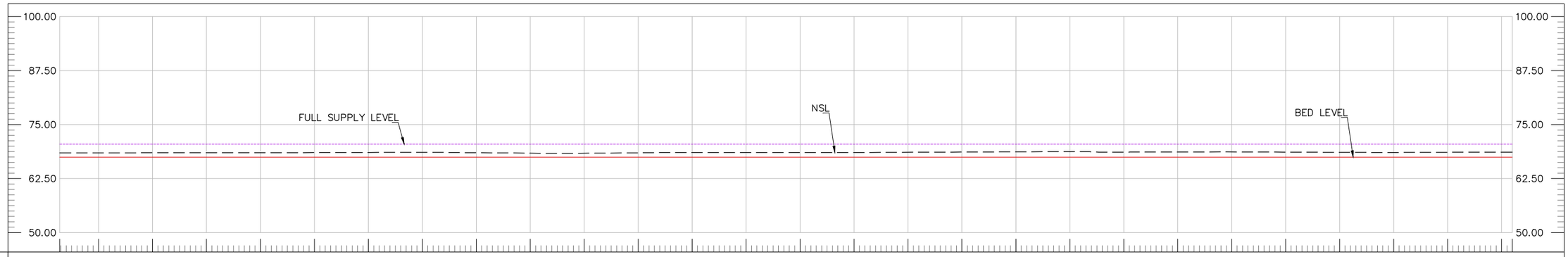
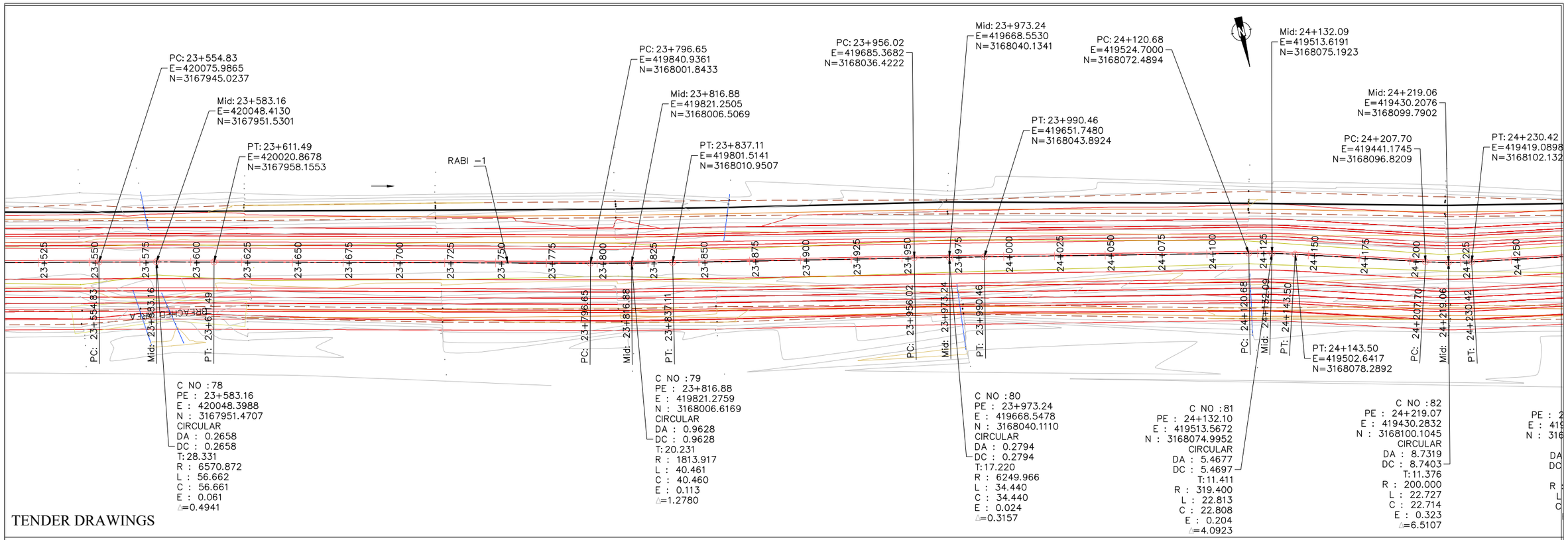
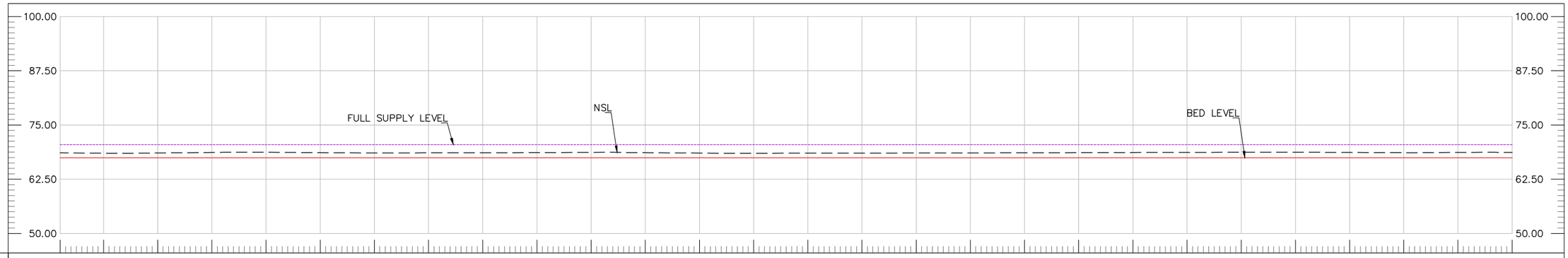
N=3167848.0003
Mid: 23+158.57
E=420461.8477
N=3167854.8405
PT: 23+188.49
E=420432.7148
N=3167861.6597
RABI –1
PC: 2
E=42
N=31
22+850
22+875
22+900
22+925
22+950
22+975
23+000
23+025
23+050
23+075
23+100
23+125
23+150
23+175
23+200
23+225
23+250
23+275
23+300
23+325
23+350
23+375
23+400
23+425
23+450
23+475
23+500
23+525
23+550
23+575
PC: 23+128.65
Mid: 23+158.57
PT: 23+188.49
PC: 23+554.83
Mid: 23+583.16
C NO : 77
PE : 23+158.57
E : 420461.8501
N : 3167854.8510
CIRCULAR
DA : 0.0422
DC : 0.0422
T: 29.920
R : 41410.257
L : 59.841
C : 59.841
E : 0.011
△=0.0828
C N
PE :
E :
N :
CIRC
DA :
DC :
T: 28
R :
L :
C :
E :
△=0
TENDER DRAWINGS


100.00
87.50
75.00
62.50
50.00
FULL SUPPLY LEVEL
NSL
BED LEVEL

| | | |



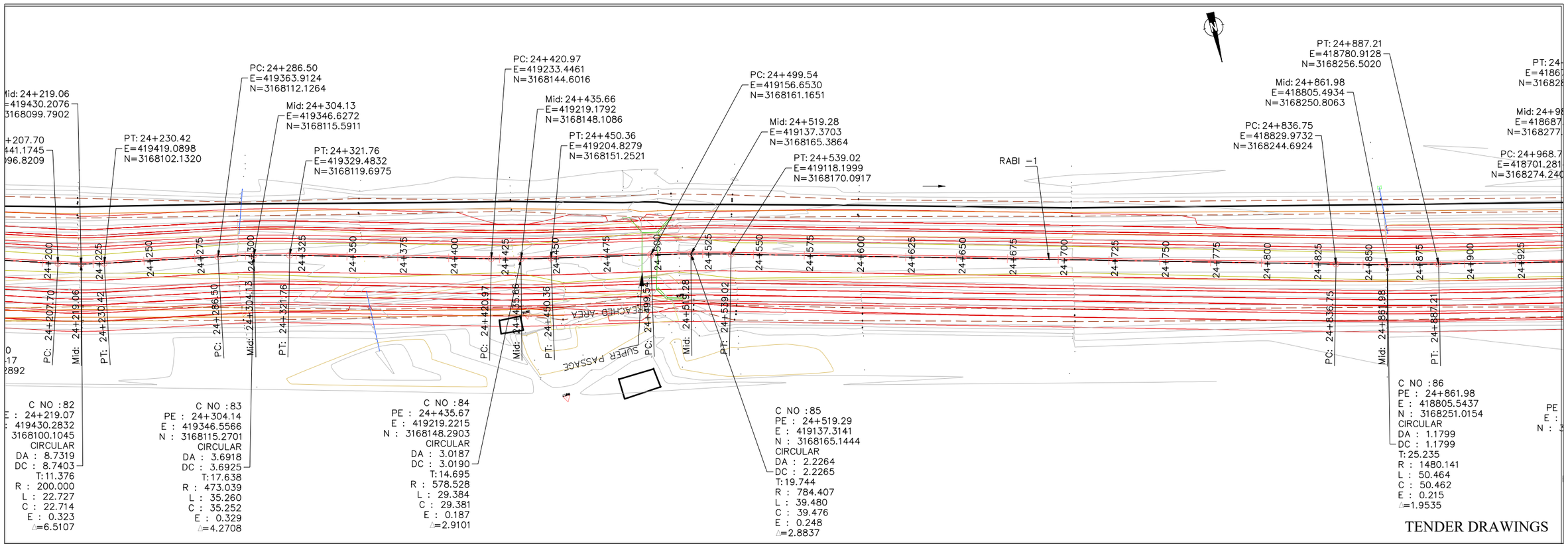
TENDER DRAWINGS

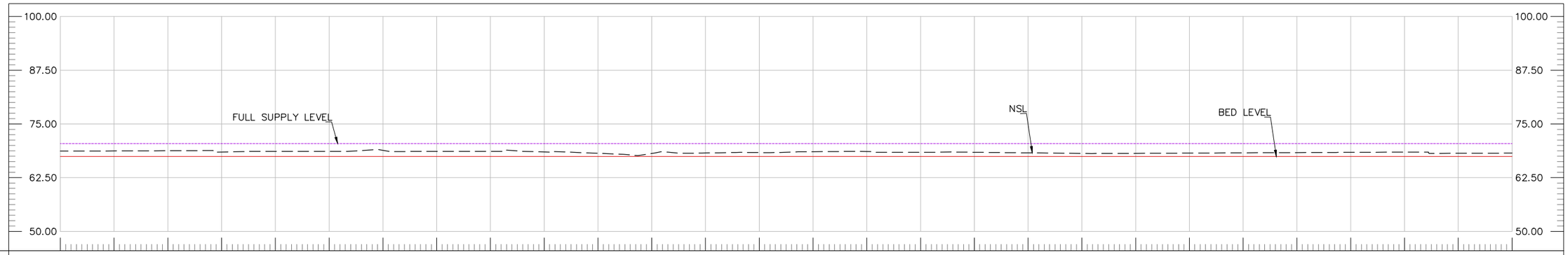


RD	23+555	23+575	23+600	23+625	23+650	23+675	23+700	23+725	23+750	23+775	23+800	23+825	23+850	23+875	23+900	23+925	23+950	23+975	24+000	24+025	24+050	24+075	24+100	24+125	24+150	24+175	24+200	24+225
NSL	68.59	68.49	68.55	68.68	68.71	68.63	68.55	68.58	68.61	68.63	68.70	68.62	68.52	68.49	68.51	68.52	68.54	68.56	68.59	68.63	68.66	68.69	68.72	68.73	68.68	68.62	68.68	68.69
DBL	67.47	67.47	67.47	67.46	67.46	67.46	67.46	67.46	67.46	67.46	67.46	67.46	67.46	67.46	67.46	67.46	67.46	67.46	67.45	67.45	67.45	67.45	67.45	67.45	67.45	67.45	67.45	67.45
FSL	70.47	70.47	70.47	70.46	70.46	70.46	70.46	70.46	70.46	70.46	70.46	70.46	70.46	70.46	70.46	70.46	70.46	70.46	70.45	70.45	70.45	70.45	70.45	70.45	70.45	70.45	70.45	70.45

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: RESTORATION / STRENGTHENING OF FLOOD EMBANKMENT OF MAIN RABI CANAL FROM RD 00 TO RD.100 AND RABI CANAL -II FROM RD.0 TO 25 KM (DISTRICT NASEERABAD)	DRAWING TITLE:- PLAN AND PROFILE OF RABI CANAL-1 SHEET-36	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:	SEP / 2025
DRAWING NO:	IFRAP-P04/RBC-37	SHEET:-	36 OF 38

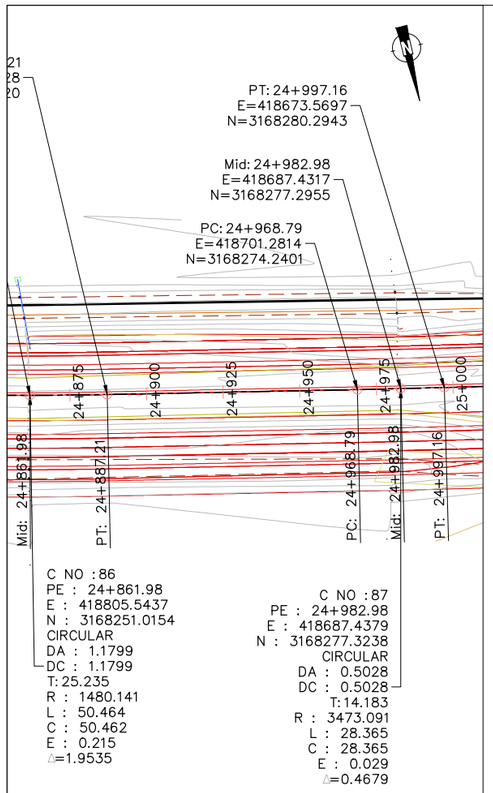




FSL	70.45	70.45	70.45	70.45	70.45	70.44	70.44	70.44	70.44	70.44	70.44	70.44	70.44	70.44	70.44	70.44	70.44	70.44	70.44	70.44	70.43	70.43	70.43	70.43	70.43	70.43	70.43	70.43	70.43	70.43	70.43
DBL	67.45	67.45	67.45	67.45	67.45	67.44	67.44	67.44	67.44	67.44	67.44	67.44	67.44	67.44	67.44	67.44	67.44	67.44	67.44	67.44	67.43	67.43	67.43	67.43	67.43	67.43	67.43	67.43	67.43	67.43	67.43
NSL	68.69	68.72	68.77	68.46	68.62	68.60	68.84	68.61	68.63	68.48	68.18	68.14	68.24	68.34	68.54	68.58	68.40	68.41	68.28	68.14	68.17	68.22	68.28	68.34	68.39	68.44	68.18	68.22			
RD	24+225	24+250	24+275	24+300	24+325	24+350	24+375	24+400	24+425	24+450	24+475	24+500	24+525	24+550	24+575	24+600	24+625	24+650	24+675	24+700	24+725	24+750	24+775	24+800	24+825	24+850	24+875	24+900			

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: RESTORATION / STRENGTHENING OF FLOOD EMBANKMENT OF MAIN RABI CANAL FROM RD 00 TO RD.100 AND RABI CANAL -II FROM RD.0 TO 25 KM (DISTRICT NASEERABAD)	DRAWING TITLE:- PLAN AND PROFILE OF RABI CANAL-1 SHEET-37	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:	SEP / 2025
DRAWING NO:	IFRAP-P04/RBC-38	SHEET:-	37 OF 38



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C : 50.462
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C NO :87
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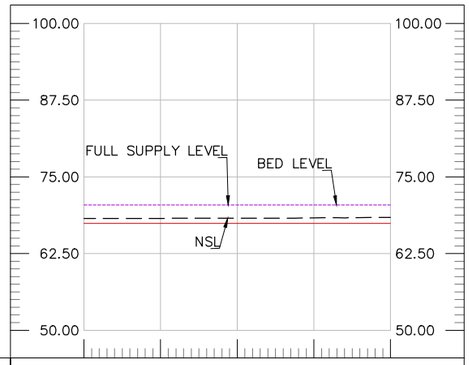


FSL	70.43	70.43	70.43	70.43	70.43
DBL	67.43	67.43	67.43	67.43	67.43
NSL	68.22	68.24	68.26	68.31	68.41
RD	24+900	24+925	24+950	24+975	25+000

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.

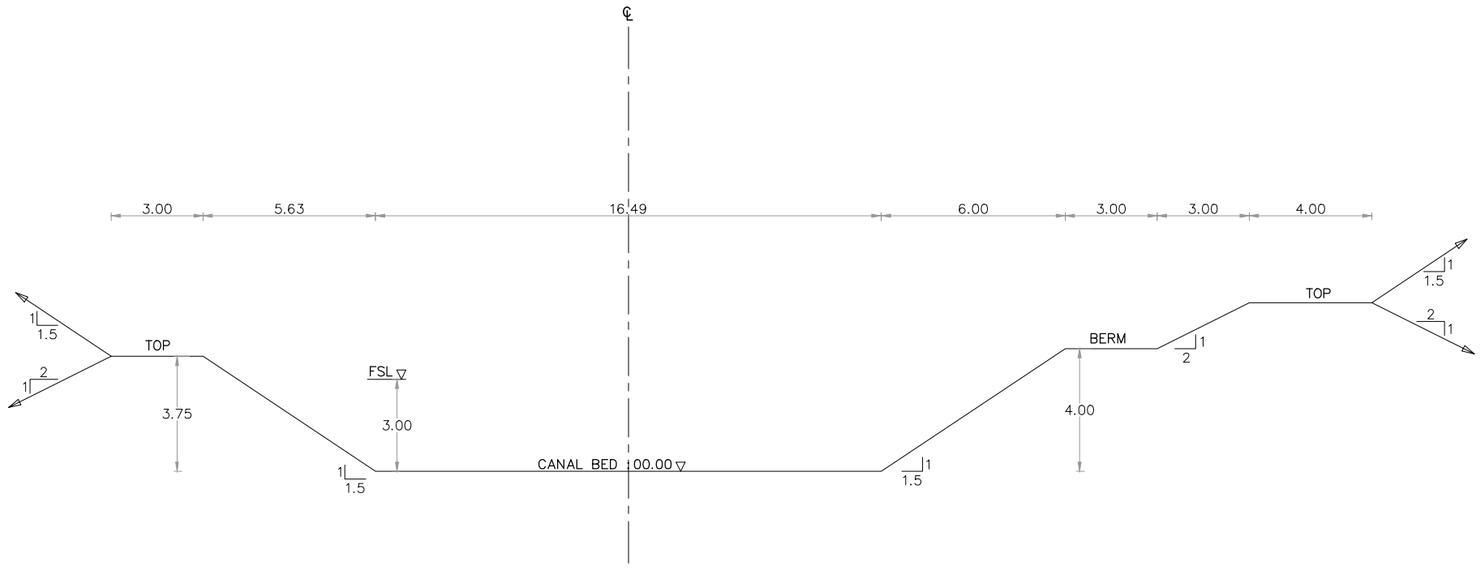
PROJECT TITLE:
INTEGRATED FLOOD RESILIENCE AND ADAPTATION PROJECT

SCHEME NAME:
RESTORATION / STRENGTHENING OF FLOOD EMBANKMENT OF MAIN RABI CANAL FROM RD 00 TO RD.100 AND RABI CANAL -II FROM RD.0 TO 25 KM (DISTRICT NASEERABAD)

DRAWING TITLE:-
PLAN AND PROFILE OF RABI CANAL-1 SHEET-38

NOTES:
ALL LEVELS AND DIMENSIONS ARE IN METERS UNLESS INDICATED OTHERWISE.

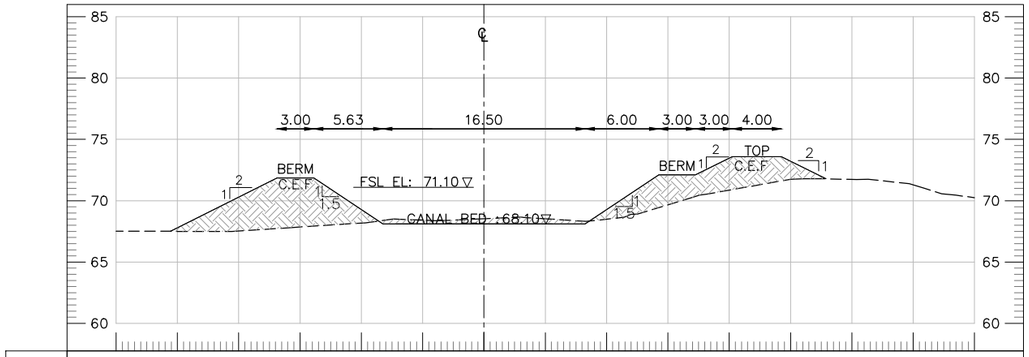
DRAWN BY:	FAISAL / USAMA	DESIGNED BY:	KAMRAN BABAR
CHECKED BY:	ZIA-UL-HAQ	SCALE:	1:2000
FILE PATH:	G:/ IFRAP	DATE:	SEP / 2025
DRAWING NO:	IFRAP-P04/RBC-39	SHEET:-	38 OF 38



TYPICAL CROSS SECTION OF RABI CANAL AT RD (0+000 TO 25+000)

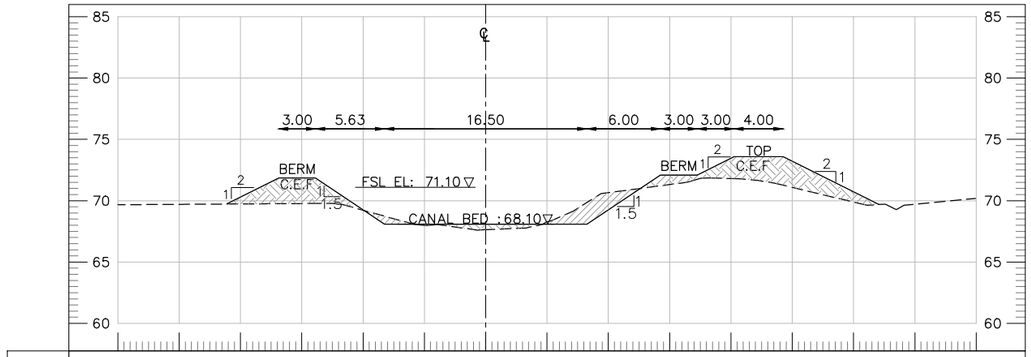
TENDER DRAWINGS

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: RESTORATION / STRENGTHENING OF FLOOD EMBANKMENT OF MAIN RABI CANAL FROM RD 0 TO RD 100 AND RABI CANAL-II FROM RD 0 TO 22 KM DISTRICT NASEERABAD	DRAWING TITLE:- TYPICAL CROSS SECTION OF RABI CANAL-II	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: 1:500
						FILE PATH: G:/ IFRAP	DATE: **Mar-26**
						DRAWING NO: IFRAP-P6/RBC-40	SHEET:- 01 OF 01



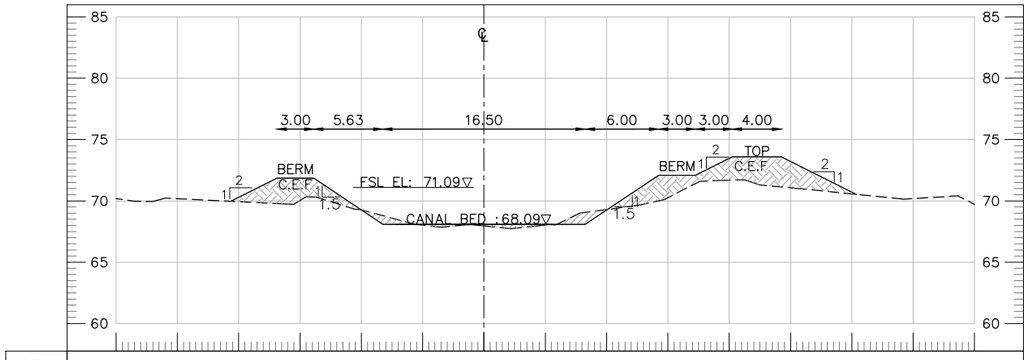
DESIGN FINISH LEVEL		67.51		71.85	71.85	68.10	68.10	68.10	72.10	72.10	73.60	73.60	71.78			
OFFSET		-25.57		-16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25	27.88			
NSL	67.52	67.50	67.52	67.86	68.18	68.41	68.53	68.53	68.50	69.66	70.86	71.75	71.74	71.28	70.25	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 0+000



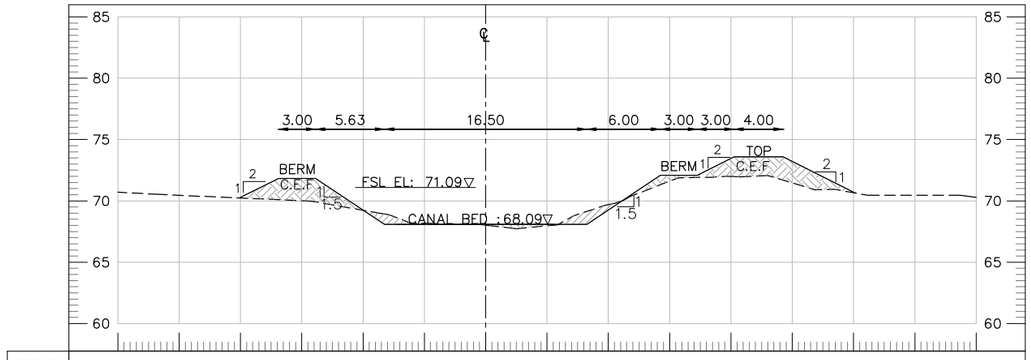
DESIGN FINISH LEVEL			69.73	71.85	71.85	68.10	68.10	68.10	72.10	72.10	73.60	73.60	69.69			
OFFSET			-21.12	-16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25	32.07			
NSL	69.67	69.70	69.74	69.77	69.23	67.98	67.64	68.27	70.65	71.32	71.81	71.08	69.89	69.71		
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 0+100



DESIGN FINISH LEVEL			69.96	71.84	71.84	68.09	68.09	68.09	72.09	72.09	73.59	73.59	70.53			
OFFSET			-20.64	-16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25	30.38			
NSL	70.19	70.18	69.93	70.04	69.27	68.02	67.96	68.03	69.29	70.26	71.69	71.07	70.57	70.19	69.72	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 0+200



DESIGN FINISH LEVEL			70.24	71.84	71.84	68.09	68.09	68.09	72.09	72.09	73.59	73.59	70.63			
OFFSET			-20.08	-16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25	30.16			
NSL	70.71	70.46	70.23	70.01	69.23	68.17	68.01	67.97	69.69	71.61	71.99	71.46	70.66	70.46	70.30	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 0+300

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:

(RESTORATION / STRENGTHENING OF FLOOD EMBANKMENT OF MAIN RABI CANAL FROM RD 0 TO RD 100 AND RABI CANAL-II FROM RD 0 TO 22 KM (DISTRICT NASEERABAD)

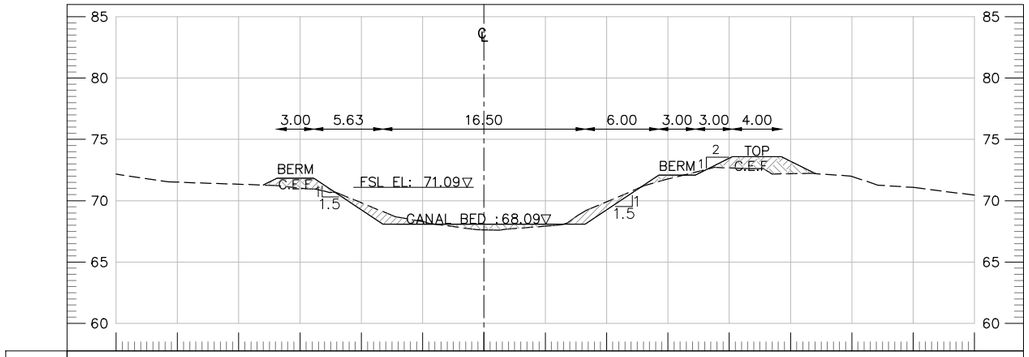
DRAWING TITLE:-

CROSS SECTIONS OF RABI CANAL-II

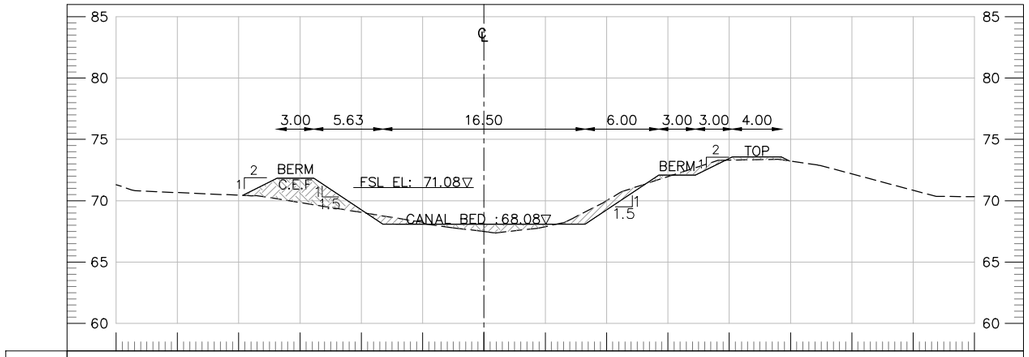
NOTES:

ALL LEVELS AND DIMENSIONS ARE IN METERS UNLESS INDICATED OTHERWISE.

DRAWN BY:	FAISAL / USAMA	DESIGNED BY:	KAMRAN BABAR
CHECKED BY:	ZIA-UL-HAQ	SCALE:	1:500
FILE PATH:	G:/ IFRAP	DATE:	**Mar-26**
DRAWING NO:	IFRAP-P6/RBC-41	SHEET:-	01 OF 01

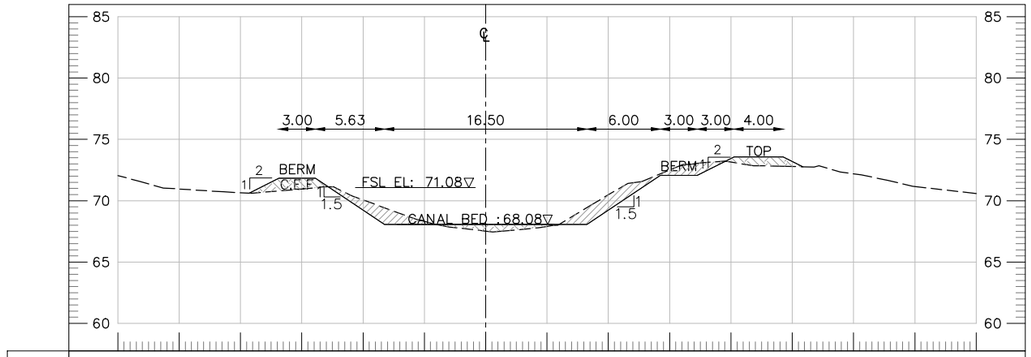

℄
3.00 5.63 16.50 6.00 3.00 3.00 4.00
BERM
C.E.F
FSL EL: 71.09▽
CANAL BED :68.09▽
BERM
TOP
C.E.F
1.5
1.5

| | | |



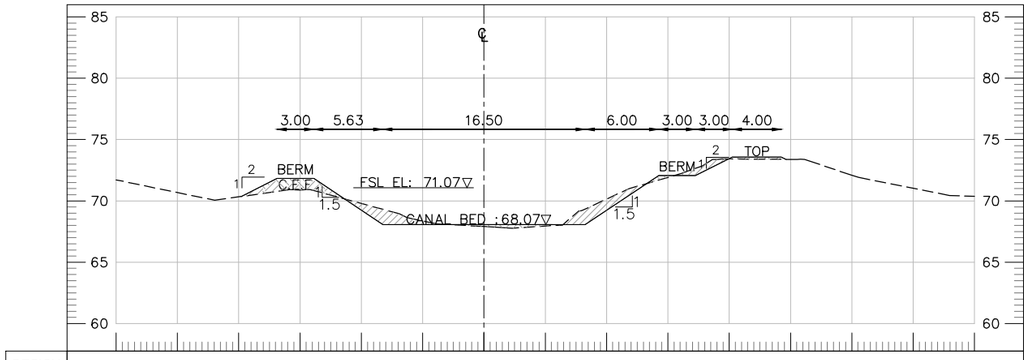
DESIGN FINISH LEVEL			70.43	71.83	71.83	68.08	68.08	68.08	72.08	72.08	73.58	73.23				
OFFSET			-19.66	-16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25				
NSL	71.31	70.66	70.45	69.85	69.05	68.24	67.49	67.89	70.01	71.96	73.31	73.23	72.19	70.85	70.34	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 0+800



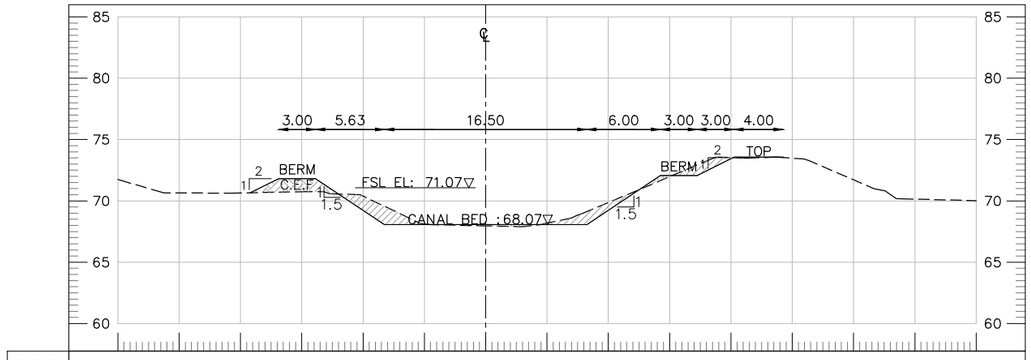
DESIGN FINISH LEVEL			70.62	71.83	71.83	68.08	68.08	68.08	72.08	72.08	73.58	73.58				
OFFSET			-19.30	-16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25				
NSL	72.05	70.95	70.65	70.95	70.06	68.31	67.52	67.90	70.48	72.50	73.14	72.79	72.20	71.15	70.59	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 0+900



DESIGN FINISH LEVEL			70.36	71.82	71.82	68.07	68.07	68.07	72.07	72.07	73.57	73.57				
OFFSET			-19.81	-16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25				
NSL	71.71	70.68	70.33	70.88	69.79	68.36	67.91	67.94	70.15	71.91	73.42	73.38	72.08	71.03	70.38	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 1+000



DESIGN FINISH LEVEL			70.66	71.82	71.82	68.07	68.07	68.07	72.07	72.07	73.57	73.57				
OFFSET			-19.19	-16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25				
NSL	71.74	70.65	70.64	70.75	70.39	68.12	67.96	68.19	69.86	71.98	73.53	73.48	71.71	70.14	70.02	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 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:

(RESTORATION / STRENGTHENING OF FLOOD EMBANKMENT OF MAIN RABI CANAL FROM RD 0 TO RD 100 AND RABI CANAL-II FROM RD 0 TO 22 KM (DISTRICT NASEERABAD)

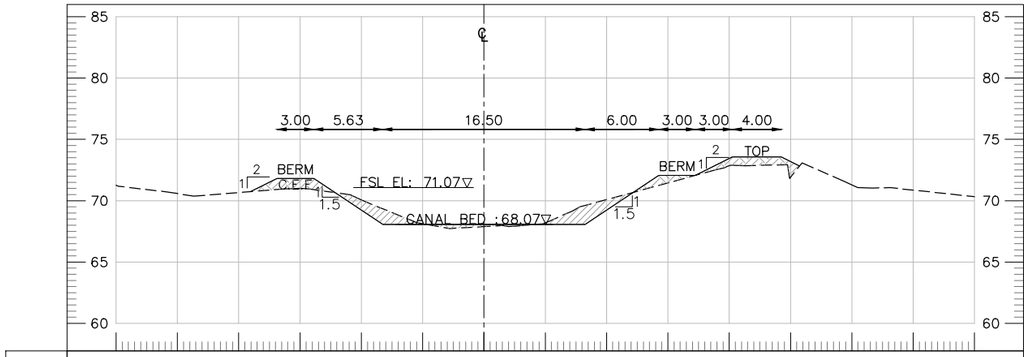
DRAWING TITLE:-

CROSS SECTIONS OF RABI CANAL-II

NOTES:

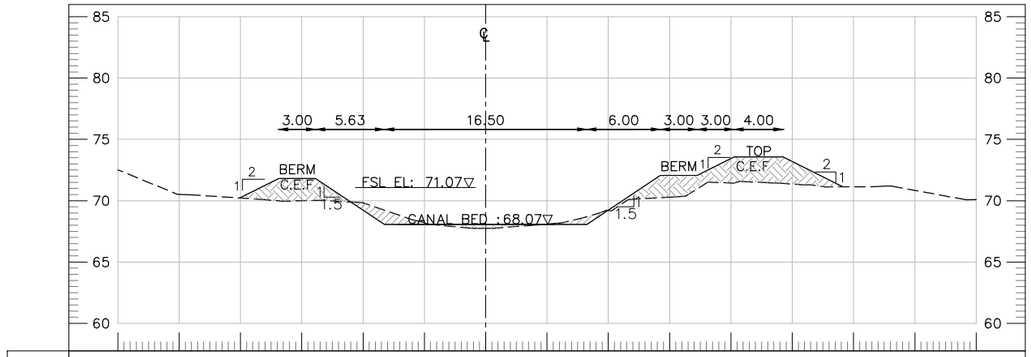
ALL LEVELS AND DIMENSIONS ARE IN METERS UNLESS INDICATED OTHERWISE.

DRAWN BY:	FAISAL / USAMA	DESIGNED BY:	KAMRAN BABAR
CHECKED BY:	ZIA-UL-HAQ	SCALE:	1:500
FILE PATH:	G:/ IFRAP	DATE:	**Mar-26**
DRAWING NO:	IFRAP-P6/RBC-43	SHEET:-	01 OF 01



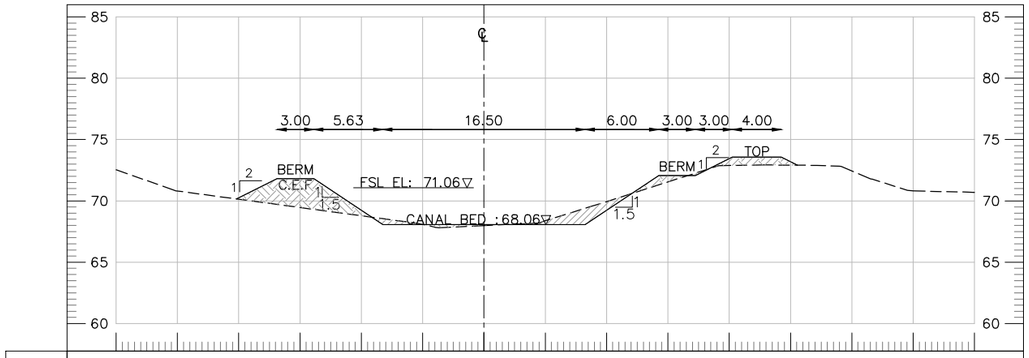
DESIGN FINISH LEVEL			70.74	71.82	71.82	68.07	68.07	68.07	72.07	72.07	73.57	73.57	72.82			
OFFSET			-19.02	-16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25	25.74			
NSL	71.25	70.58	70.66	71.00	70.05	68.13	67.89	68.20	70.09	71.45	72.85	71.92	71.28	70.86	70.33	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 1+200



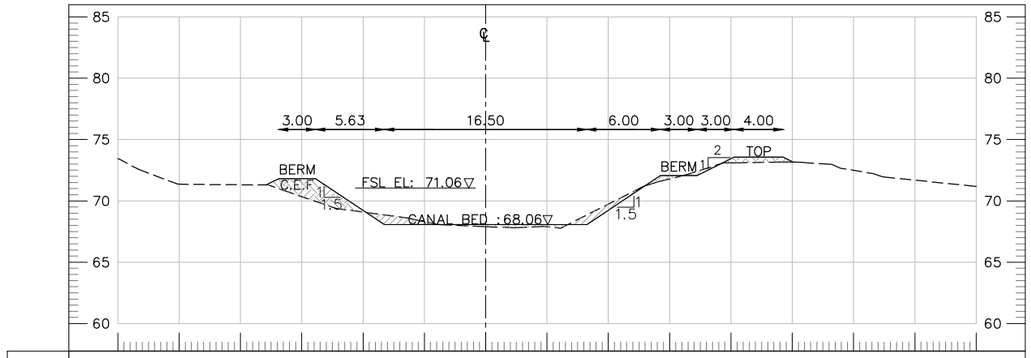
DESIGN FINISH LEVEL			70.22	71.82	71.82	68.07	68.07	68.07	72.06	72.06	73.56	73.56	71.13			
OFFSET			-20.06	-16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25	29.12			
NSL	72.52	70.52	70.22	70.00	69.83	68.19	67.75	68.09	69.21	70.29	71.44	71.36	71.14	70.84	70.09	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 1+300



DESIGN FINISH LEVEL			70.16	71.81	71.81	68.06	68.06	68.06	72.06	72.06	73.56	73.56	72.91			
OFFSET			-20.19	-16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25	25.56			
NSL	72.54	70.80	70.13	69.46	68.79	68.08	67.99	68.38	69.94	71.54	72.88	72.91	72.45	70.82	70.70	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 1+400



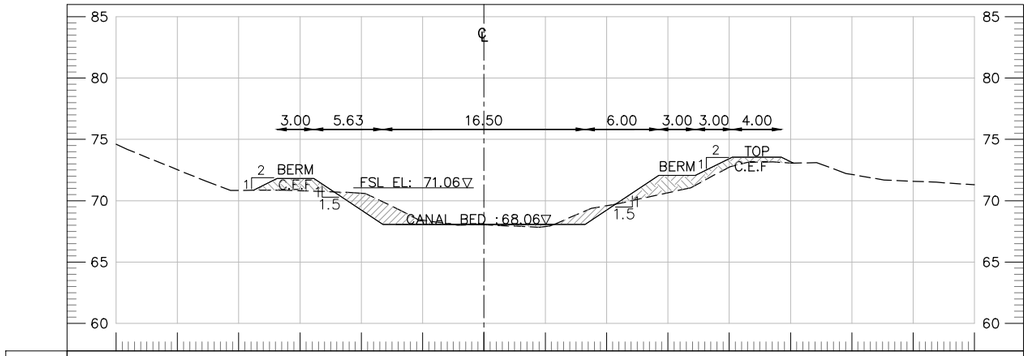
DESIGN FINISH LEVEL			71.30 71.81	71.81	68.06	68.06	68.06	72.06	72.06	73.56	73.56 73.16					
OFFSET			-17.90 -16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25 25.05					
NSL	73.45	71.36	71.31	70.35	69.09	68.31	67.90	67.89	69.74	71.79	73.10	73.16	72.49	71.69	71.17	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 1+500

TENDER DRAWINGS

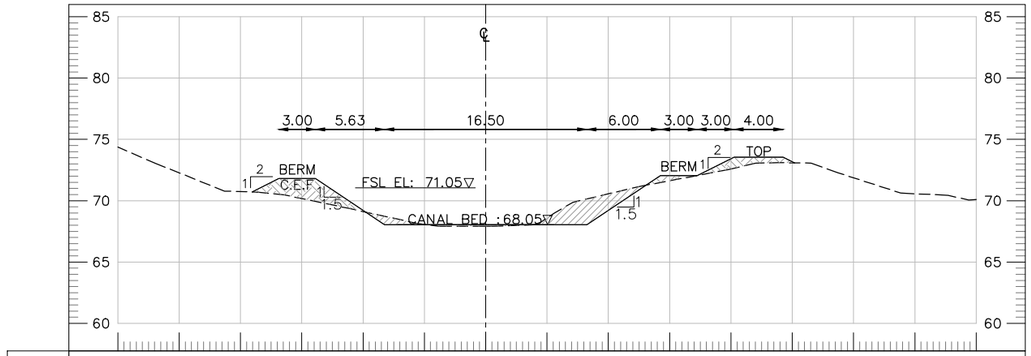
CLIENT: IRRIGATION DEPARTMENT GOVERNMENT OF BALOCHISTAN	CONSULTANTS: CAMEOS CONSULTANTS CONSULTING ENGINEERS ARCHITECTS & PLANNERS. PLOT NO.07 PARIS ARCADE STREET. NO. 36 E-11/3 MARKAZ ISLAMABAD. H. NO.38 CHAMAN HOUSING AIRPORT ROAD QUETTA.	PROJECT TITLE: INTEGRATED FLOOD RESILIENCE AND ADAPTATION PROJECT	SCHEME NAME: (RESTORATION / STRENGTHENING OF FLOOD EMBANKMENT OF MAIN RABI CANAL FROM RD 0 TO RD 100 AND RABI CANAL-II FROM RD 0 TO 22 KM (DISTRICT NASEERABAD)	DRAWING TITLE:- CROSS SECTIONS OF RABI CANAL-II	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:	1:500
FILE PATH: G:/ IFRAP		DATE:	Mar-26
DRAWING NO: IFRAP-P6/RBC-44		SHEET:-	01 OF 01



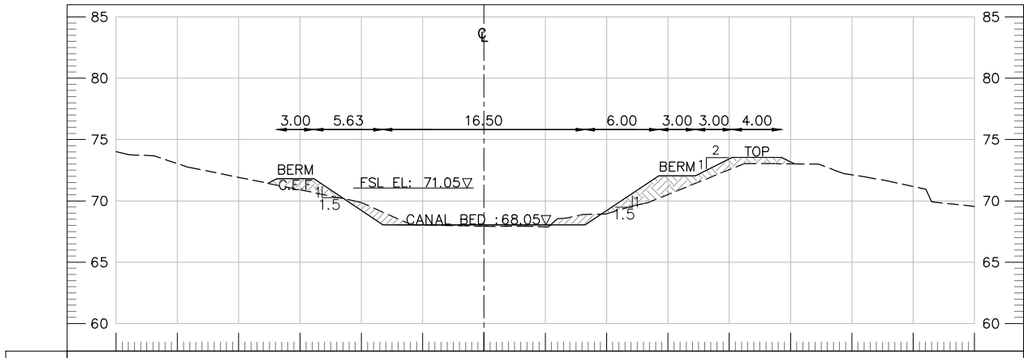
DESIGN FINISH LEVEL			70.85	71.81	71.81	68.06	68.06	68.06	72.06	72.06	73.56	73.56 73.06				
OFFSET			-18.79	-16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25 25.24				
NSL	74.60	72.53	70.85	70.82	70.62	68.42	68.04	67.90	69.58	70.65	72.74	73.06	72.14	71.59	71.30	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 1+600



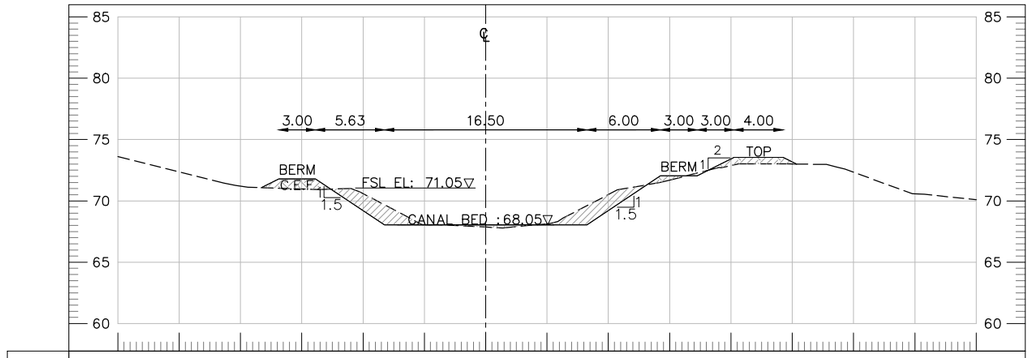
DESIGN FINISH LEVEL			70.71	71.80	71.80	68.05	68.05	68.05	72.05	72.05	73.55	73.55 73.09				
OFFSET			-19.06	-16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25 25.18				
NSL	74.37	72.27	70.74	70.18	69.12	68.07	67.91	68.59	70.56	71.63	72.59	73.09	71.87	70.57	70.10	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 1+700



DESIGN FINISH LEVEL			71.83 71.80	71.80	68.05	68.05	68.05	72.05	72.05	73.55	73.55 73.01					
OFFSET			-16.62 -16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25 25.34					
NSL	74.02	73.04	71.92	70.90	69.87	68.04	67.93	67.88	68.95	70.52	72.54	73.01	72.12	71.17	69.55	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 1+800



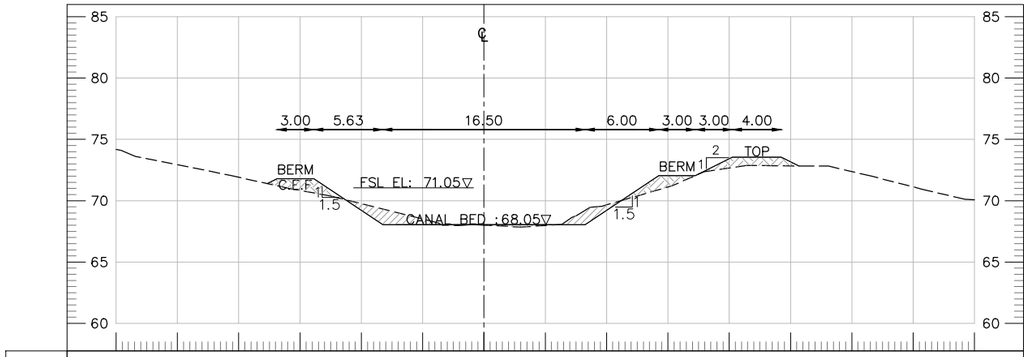
DESIGN FINISH LEVEL			71.08 71.80	71.80	68.05	68.05	68.05	72.05	72.05	73.55	73.55 73.00					
OFFSET			-18.32 -16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25 25.35					
NSL	73.62	72.36	71.20	70.97	70.59	68.06	67.87	68.13	70.51	71.69	72.88	73.00	72.33	70.57	70.09	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 1+900

TENDER DRAWINGS

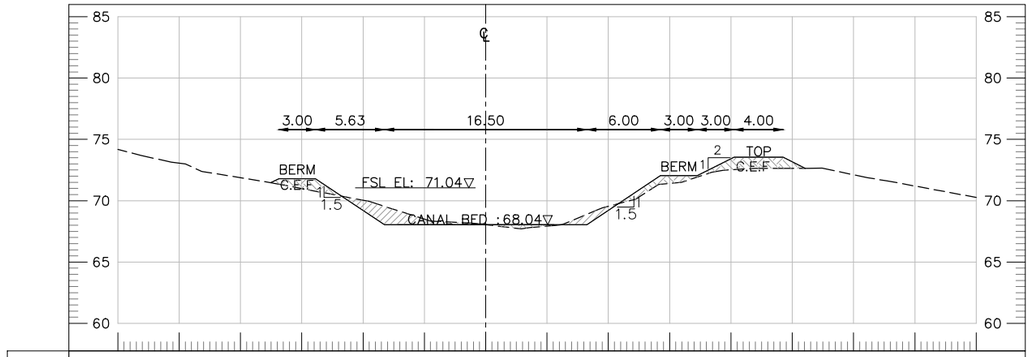
CLIENT: IRRIGATION DEPARTMENT GOVERNMENT OF BALOCHISTAN	CONSULTANTS: CAMEOS CONSULTANTS CONSULTING ENGINEERS ARCHITECTS & PLANNERS. PLOT NO.07 PARIS ARCADE STREET. NO. 36 E-11/3 MARKAZ ISLAMABAD. H. NO.38 CHAMAN HOUSING AIRPORT ROAD QUETTA.	PROJECT TITLE: INTEGRATED FLOOD RESILIENCE AND ADAPTATION PROJECT	SCHEME NAME: (RESTORATION / STRENGTHENING OF FLOOD EMBANKMENT OF MAIN RABI CANAL FROM RD 0 TO RD 100 AND RABI CANAL-II FROM RD 0 TO 22 KM (DISTRICT NASEERABAD)	DRAWING TITLE:- CROSS SECTIONS OF RABI CANAL-II	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:	1:500
FILE PATH: G:/ IFRAP		DATE:	Mar-26
DRAWING NO: IFRAP-P6/RBC-45		SHEET:-	01 OF 01



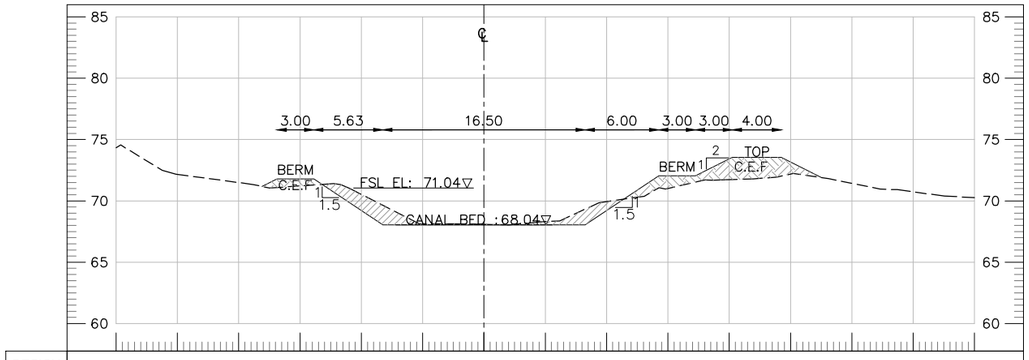
DESIGN FINISH LEVEL				71.40 71.80	71.80	68.05	68.05	68.05	72.05	72.05	73.55	73.55 72.82				
OFFSET				-17.67 -16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25 25.69				
NSL	74.18	72.93	71.92		70.84	69.76	68.50	68.01	67.98	69.66	71.12	72.66	72.83	72.37	71.12	70.08
OFFSET	-30.00	-25.00	-20.00		-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00

AT RD 2+000



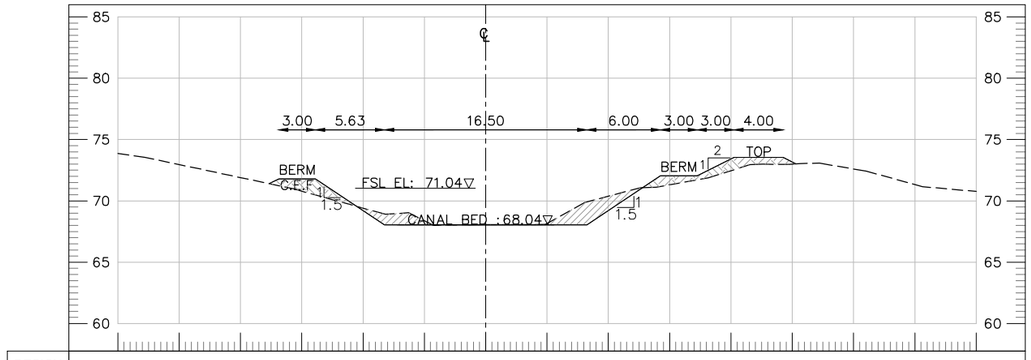
DESIGN FINISH LEVEL				71.47 71.79	71.79	68.04	68.04	68.04	72.04	72.04	73.54	73.54 72.64				
OFFSET				-17.53 -16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25 26.05				
NSL	74.19	73.06	71.87		70.99	70.03	68.50	68.04	67.93	69.54	71.40	72.52	72.64	72.11	71.20	70.27
OFFSET	-30.00	-25.00	-20.00		-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00

AT RD 2+100



DESIGN FINISH LEVEL				71.18 71.79	71.79	68.04	68.04	68.04	72.04	72.04	73.54	73.54	71.90			
OFFSET				-18.10 -16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25	27.53			
NSL	74.33	72.16	71.49		71.22	70.53	68.13	68.09	68.31	69.93	71.01	71.73	72.19	71.43	70.74	70.27
OFFSET	-30.00	-25.00	-20.00		-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00

AT RD 2+200



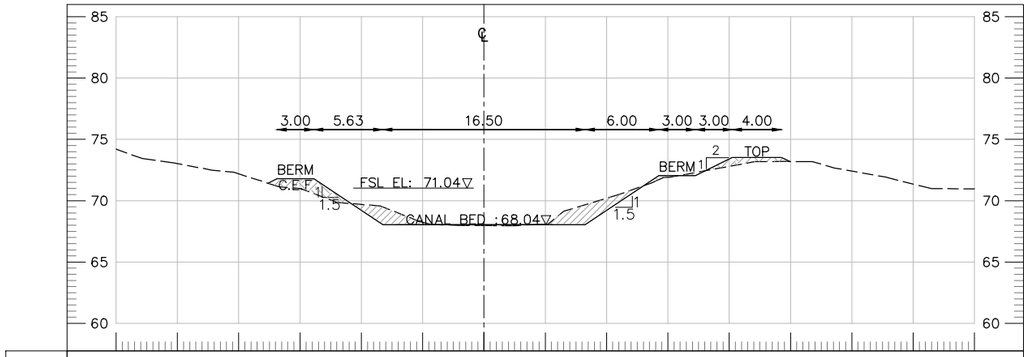
DESIGN FINISH LEVEL				71.40 71.79	71.79	68.04	68.04	68.04	72.04	72.04	73.54	73.54 73.01				
OFFSET				-17.65 -16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25 25.30				
NSL	73.87	72.96	71.90		70.79	69.41	68.38	68.06	68.15	70.38	71.31	72.46	72.99	72.60	71.33	70.77
OFFSET	-30.00	-25.00	-20.00		-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00

AT RD 2+300

TENDER DRAWINGS

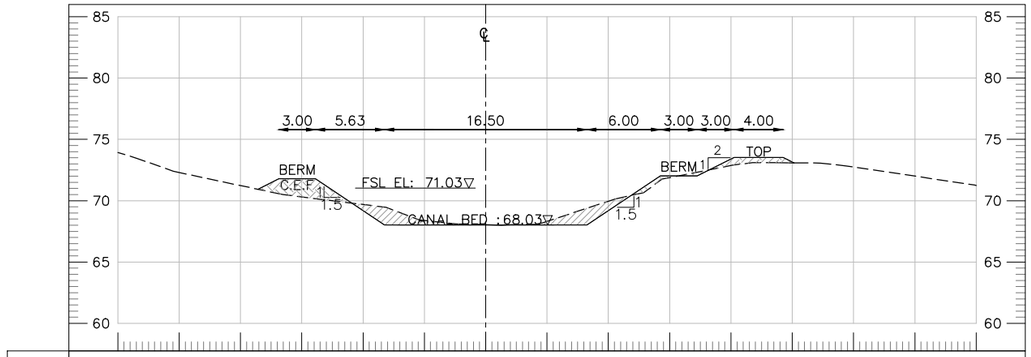
CLIENT: IRRIGATION DEPARTMENT GOVERNMENT OF BALOCHISTAN	CONSULTANTS: CAMEOS CONSULTANTS CONSULTING ENGINEERS ARCHITECTS & PLANNERS. PLOT NO.07 PARIS ARCADE STREET. NO. 36 E-11/3 MARKAZ ISLAMABAD. H. NO.38 CHAMAN HOUSING AIRPORT ROAD QUETTA.	PROJECT TITLE: INTEGRATED FLOOD RESILIENCE AND ADAPTATION PROJECT	SCHEME NAME: (RESTORATION / STRENGTHENING OF FLOOD EMBANKMENT OF MAIN RABI CANAL FROM RD 0 TO RD 100 AND RABI CANAL-II FROM RD 0 TO 22 KM (DISTRICT NASEERABAD)	DRAWING TITLE:- CROSS SECTIONS OF RABI CANAL-II	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:	1:500
FILE PATH: G:/ IFRAP		DATE:	Mar-26
DRAWING NO: IFRAP-P6/RBC-46		SHEET:-	01 OF 01



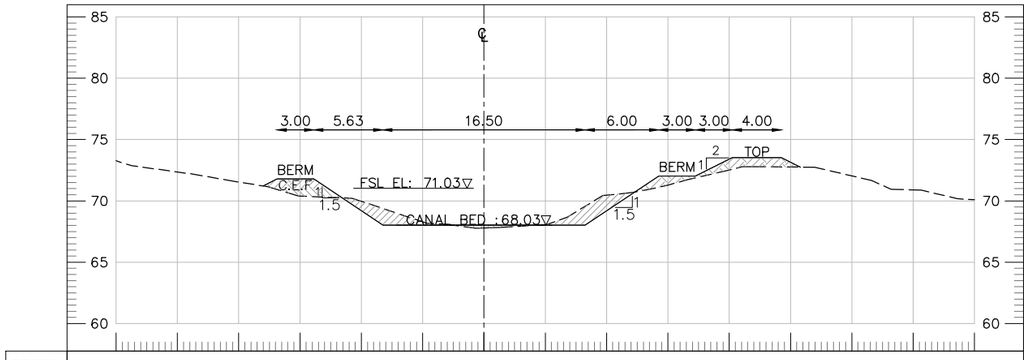
DESIGN FINISH LEVEL				71.42 71.79	71.79	68.04	68.04	68.04	72.04	72.04	73.54	73.54 73.20				
OFFSET				−17.00 −16.88	−13.88	−8.25	0.00	8.25	14.25	17.25	20.25	24.25 24.92				
NSL	74.19	73.02	72.18	70.99	69.70	68.25	67.97	68.08	70.20	71.91	72.80	73.20	72.41	71.36	70.96	
OFFSET	−30.00	−25.00	−20.00	−15.00	−10.00	−5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 2+400



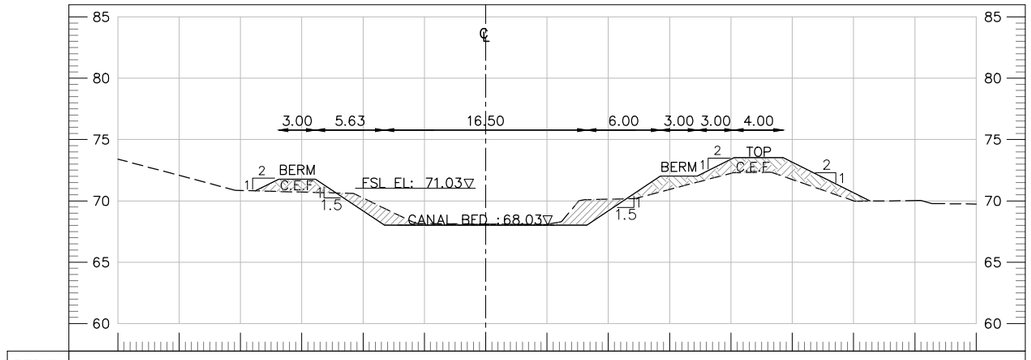
DESIGN FINISH LEVEL				70.93 71.78	71.78	68.03	68.03	68.03	72.03	72.03	73.53	73.53 73.09				
OFFSET				−18.58 −16.88	−13.88	−8.25	0.00	8.25	14.25	17.25	20.25	24.25 25.14				
NSL	73.93	72.30	71.24	70.31	69.69	68.38	68.05	68.31	69.96	71.89	72.88	73.09	72.75	72.00	71.24	
OFFSET	−30.00	−25.00	−20.00	−15.00	−10.00	−5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 2+500



DESIGN FINISH LEVEL				71.22 71.78	71.78	68.03	68.03	68.03	72.03	72.03	73.53	73.53 72.75				
OFFSET				−18.00 −16.88	−13.88	−8.25	0.00	8.25	14.25	17.25	20.25	24.25 25.81				
NSL	73.27	72.36	71.54	70.39	69.96	68.30	67.79	68.05	70.46	71.28	72.52	72.76	72.03	70.90	70.09	
OFFSET	−30.00	−25.00	−20.00	−15.00	−10.00	−5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 2+600



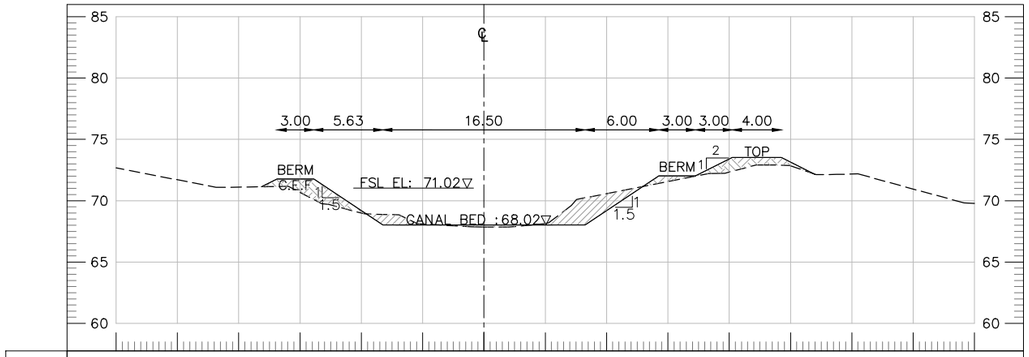
DESIGN FINISH LEVEL				70.82 71.78	71.78	68.03	68.03	68.03	72.03	72.03	73.53	73.53	69.98			
OFFSET				−18.79 −16.88	−13.88	−8.25	0.00	8.25	14.25	17.25	20.25	24.25	31.34			
NSL	73.41	72.08	70.85	70.72	70.24	68.14	68.11	68.09	70.14	70.93	72.25	71.74	70.01	70.03	69.74	
OFFSET	−30.00	−25.00	−20.00	−15.00	−10.00	−5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 2+700

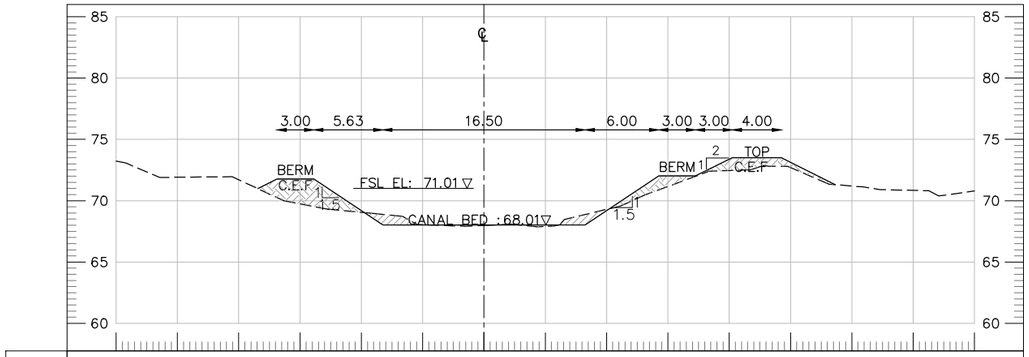
TENDER DRAWINGS

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: (RESTORATION / STRENGTHENING OF FLOOD EMBANKMENT OF MAIN RABI CANAL FROM RD 0 TO RD 100 AND RABI CANAL-II FROM RD 0 TO 22 KM (DISTRICT NASEERABAD)	DRAWING TITLE:- CROSS SECTIONS OF RABI CANAL-II	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:	1:500
FILE PATH: G:/ IFRAP		DATE:	Mar-26
DRAWING NO: IFRAP-P6/RBC-47		SHEET:-	01 OF 01

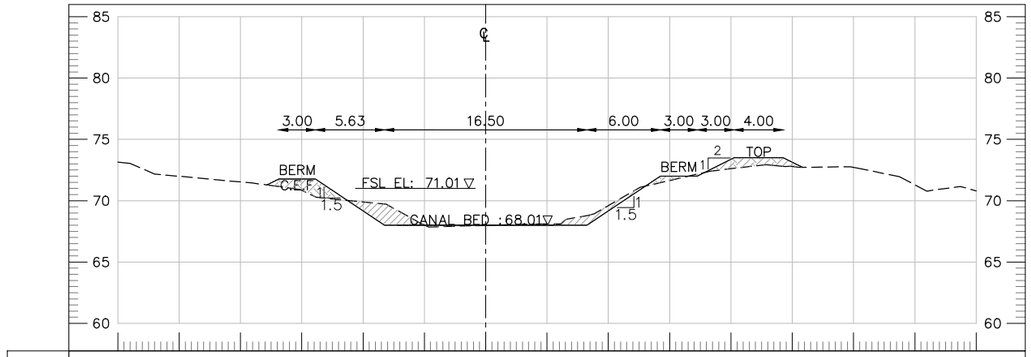

3.00 5.63 16.50 6.00 3.00 3.00 4.00
BERM
C.E.F
FSL EL: 71.02▽
CANAL BED : 68.02▽
BERM
TOP
2
1
1.5

| | | |



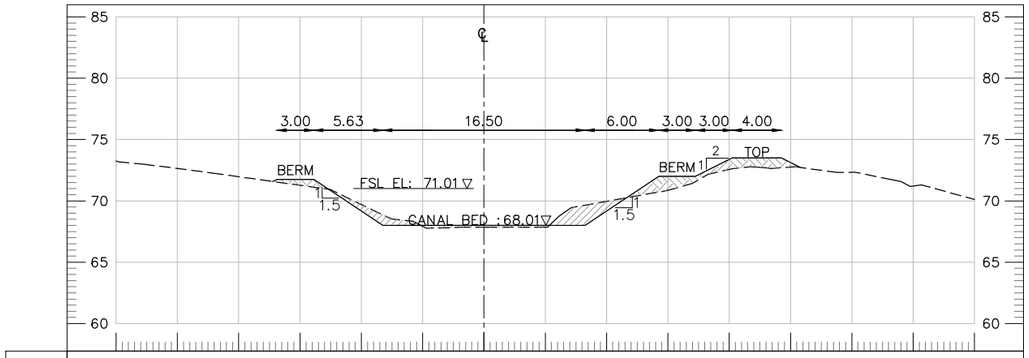
DESIGN FINISH LEVEL			70.98	71.76	71.76	68.01	68.01	68.01	72.01	72.01	73.51	73.51	71.31			
OFFSET			-18.44	-16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25	28.66			
NSL	73.23	71.91	71.70	69.74	69.06	68.04	67.98	67.90	69.29	71.16	72.46	72.70	71.20	70.84	70.79	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 3+200



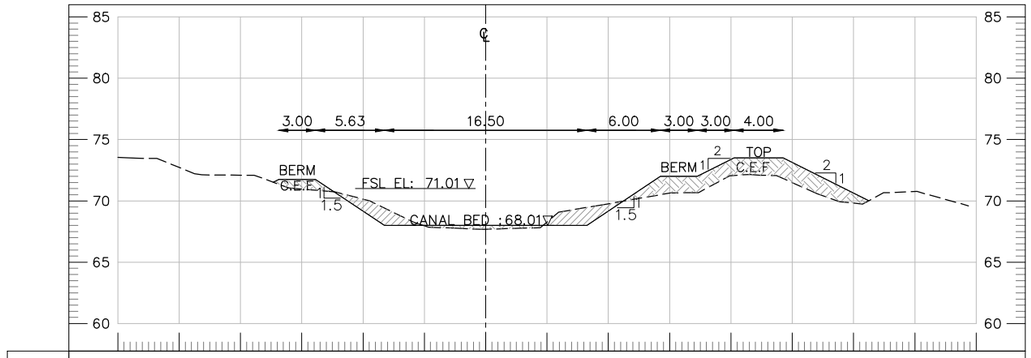
DESIGN FINISH LEVEL			71.28	71.76	71.76	68.01	68.01	68.01	72.01	72.01	73.51	73.51	72.72			
OFFSET			-17.84	-16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25	25.84			
NSL	73.14	71.99	71.53	70.85	69.90	68.02	67.99	68.12	69.60	71.65	72.61	72.79	72.72	71.30	70.80	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 3+300



DESIGN FINISH LEVEL			71.58	71.76	68.01	68.01	68.01	72.01	72.01	73.51	73.51	72.72				
OFFSET			-17.23	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25	25.82				
NSL	73.25	72.64	71.97	71.27	69.71	67.92	67.85	67.84	69.96	70.85	72.56	72.75	72.33	71.22	70.11	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 3+400



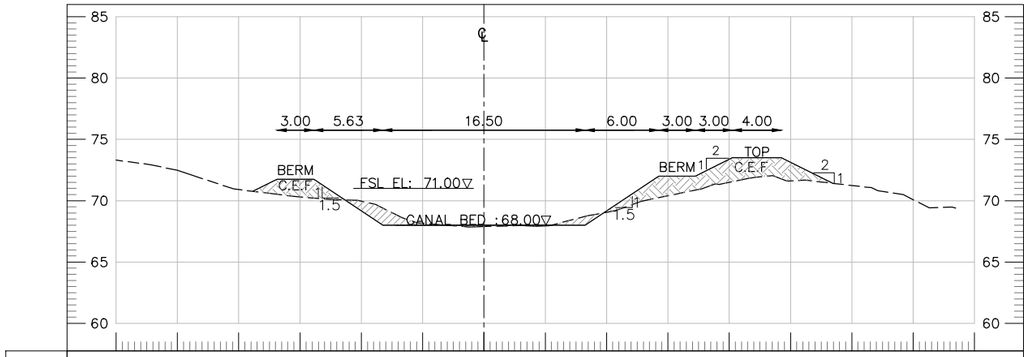
DESIGN FINISH LEVEL			71.53	71.76	68.01	68.01	68.01	72.01	72.01	73.51	73.51	70.01				
OFFSET			-17.34	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25	31.24				
NSL	73.56	72.73	72.10	70.96	70.14	67.97	67.68	68.28	69.77	70.64	72.06	71.49	69.82	70.76		
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 3+500

TENDER DRAWINGS

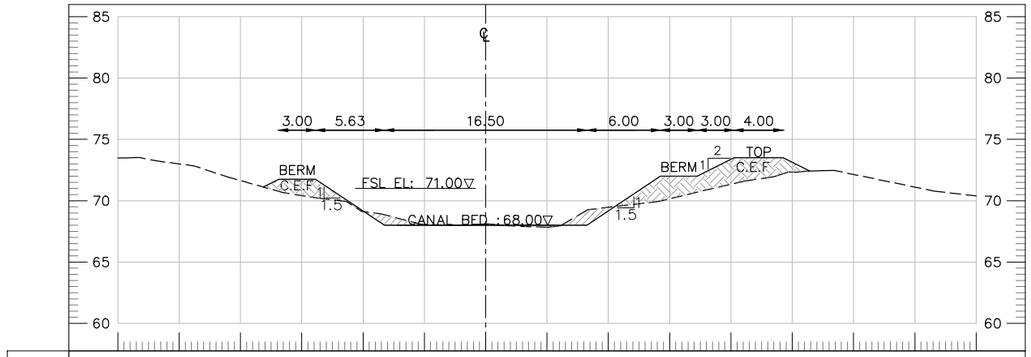
CLIENT: IRRIGATION DEPARTMENT GOVERNMENT OF BALOCHISTAN	CONSULTANTS: CAMEOS CONSULTANTS CONSULTING ENGINEERS ARCHITECTS & PLANNERS. PLOT NO.07 PARIS ARCADE STREET. NO. 36 E-11/3 MARKAZ ISLAMABAD. H. NO.38 CHAMAN HOUSING AIRPORT ROAD QUETTA.	PROJECT TITLE: INTEGRATED FLOOD RESILIENCE AND ADAPTATION PROJECT	SCHEME NAME: (RESTORATION / STRENGTHENING OF FLOOD EMBANKMENT OF MAIN RABI CANAL FROM RD 0 TO RD 100 AND RABI CANAL-II FROM RD 0 TO 22 KM (DISTRICT NASEERABAD)	DRAWING TITLE:- CROSS SECTIONS OF RABI CANAL-II	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:	1:500
FILE PATH: G:/ IFRAP		DATE:	Mar-26
DRAWING NO: IFRAP-P6/RBC-49		SHEET:-	01 OF 01



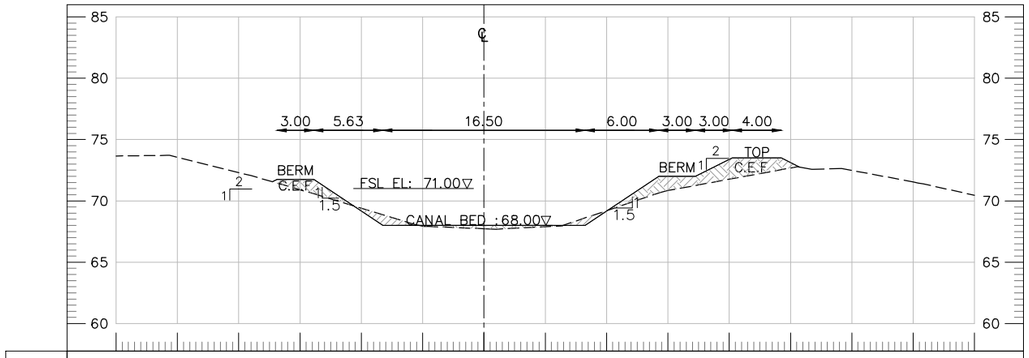
DESIGN FINISH LEVEL			70.77	71.75	71.75	68.00	68.00	68.00	72.00	72.00	73.50	73.50	71.42			
OFFSET			-18.85	-16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25	28.41			
NSL	73.31	72.47	70.91	70.31	69.96	68.16	67.90	67.94	69.06	70.40	71.49	71.62	71.24	70.08		
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 3+600



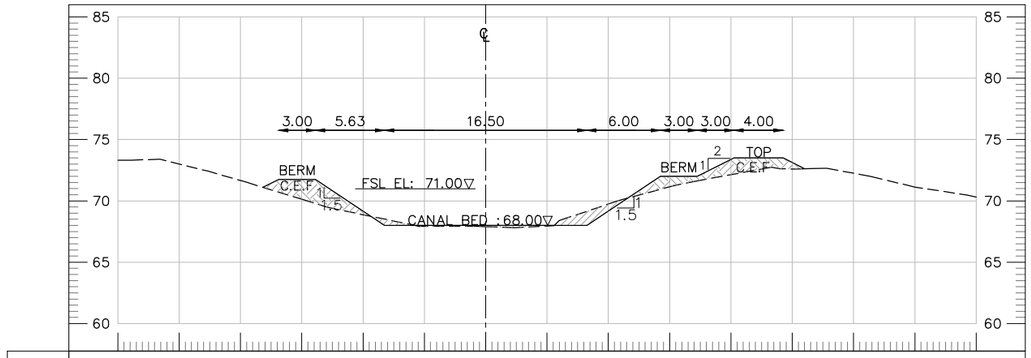
DESIGN FINISH LEVEL			71.12	71.75	71.75	68.00	68.00	68.00	72.00	72.00	73.50	73.50	72.42			
OFFSET			-18.15	-16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25	26.41			
NSL	73.48	73.00	71.65	70.42	69.11	68.08	68.10	67.83	69.46	70.16	71.35	72.33	72.14	71.11	70.39	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 3+700



DESIGN FINISH LEVEL			71.56	71.75	68.00	68.00	68.00	72.00	72.00	73.50	73.50	72.75				
OFFSET			-17.25	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25	25.75				
NSL	73.66	73.56	72.31	70.91	69.40	67.93	67.73	67.89	69.21	70.85	71.76	72.68	72.48	71.55	70.46	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 3+800



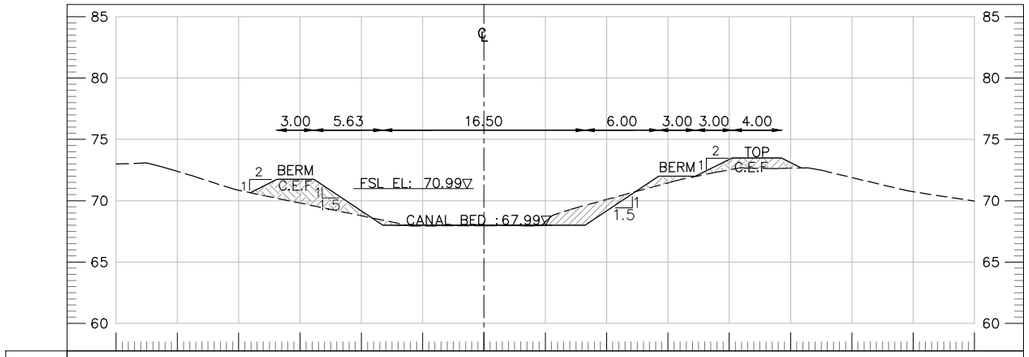
DESIGN FINISH LEVEL			71.10	71.75	71.75	68.00	68.00	68.00	71.99	71.99	73.49	73.49	72.62			
OFFSET			-18.16	-16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25	26.01			
NSL	73.30	73.01	71.66	70.14	68.87	67.93	67.91	67.95	69.74	71.15	72.14	72.60	72.25	71.13	70.31	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 3+900

TENDER DRAWINGS

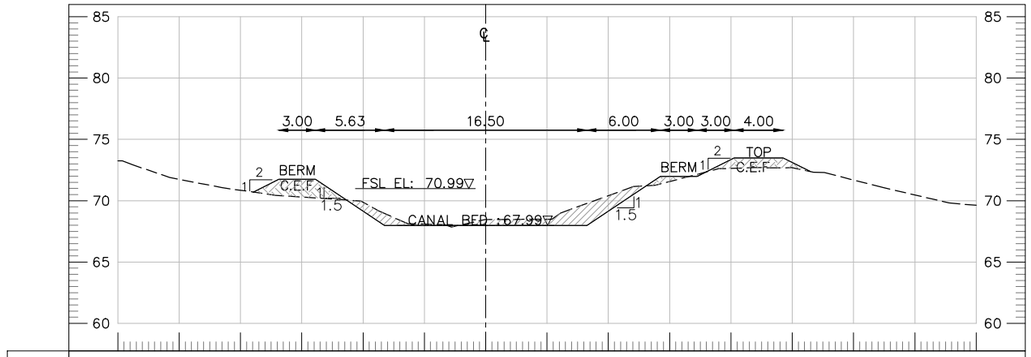
CLIENT: IRRIGATION DEPARTMENT GOVERNMENT OF BALOCHISTAN	CONSULTANTS: CAMEOS CONSULTANTS CONSULTING ENGINEERS ARCHITECTS & PLANNERS. PLOT NO.07 PARIS ARCADE STREET. NO. 36 E-11/3 MARKAZ ISLAMABAD. H. NO.38 CHAMAN HOUSING AIRPORT ROAD QUETTA.	PROJECT TITLE: INTEGRATED FLOOD RESILIENCE AND ADAPTATION PROJECT	SCHEME NAME: (RESTORATION / STRENGTHENING OF FLOOD EMBANKMENT OF MAIN RABI CANAL FROM RD 0 TO RD 100 AND RABI CANAL-II FROM RD 0 TO 22 KM (DISTRICT NASEERABAD)	DRAWING TITLE:- CROSS SECTIONS OF RABI CANAL-II	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:	1:500
FILE PATH: G:/ IFRAP		DATE:	Mar-26
DRAWING NO: IFRAP-P6/RBC-50		SHEET:-	01 OF 01



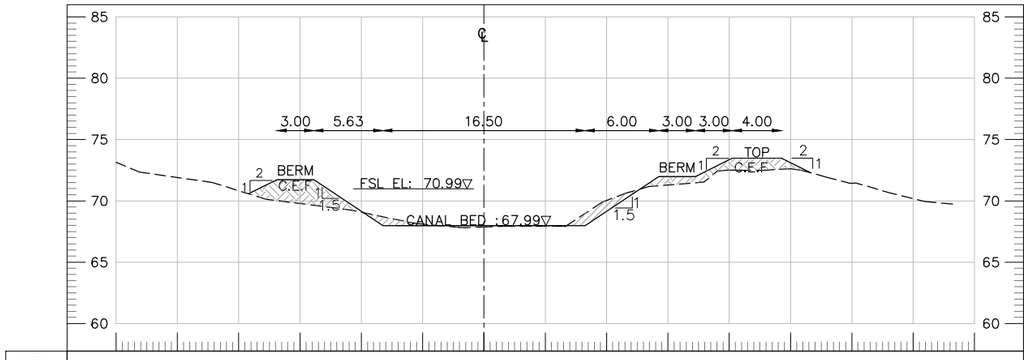
DESIGN FINISH LEVEL				70.65	71.74	71.74	67.99	67.99	67.99	71.99	71.99	73.49	73.49	72.67		
OFFSET				-19.06	-16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25	25.90		
NSL	72.99	72.40	70.84	69.81	68.77	67.94	67.96	68.27	70.10	71.46	72.52	72.65	71.89	70.73	69.97	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 4+000



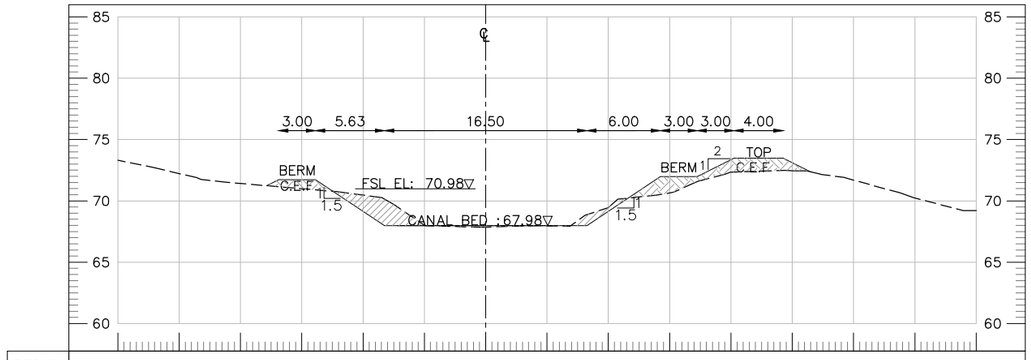
DESIGN FINISH LEVEL				70.70	71.74	71.74	67.99	67.99	67.99	71.99	71.99	73.49	73.49	72.38		
OFFSET				-18.96	-16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25	26.47		
NSL	73.25	71.75	70.85	70.30	69.88	68.09	68.47	68.49	70.41	71.57	72.64	72.69	71.69	70.47	69.62	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 4+100



DESIGN FINISH LEVEL				70.58	71.74	71.74	67.99	67.99	67.99	71.99	71.99	73.49	73.49	72.29		
OFFSET				-19.20	-16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25	26.64		
NSL	73.14	71.91	70.83	69.78	69.07	68.11	67.88	67.94	70.04	71.29	72.52	72.62	71.44	70.19		
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 4+200



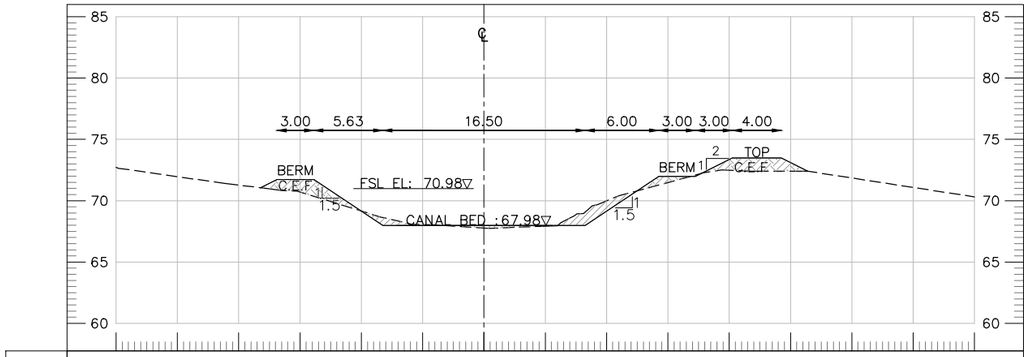
DESIGN FINISH LEVEL				71.24 71.73	71.73		67.98	67.98	67.98	71.98	71.98	73.48	73.48	72.40		
OFFSET				-17.87 -16.88	-13.88		-8.25	0.00	8.25	14.25	17.25	20.25	24.25	26.42		
NSL	73.32	72.23	71.42	70.99	70.47	68.02	67.86	67.97	69.45	70.65	72.35	72.46	71.69	70.23	69.21	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 4+300

TENDER DRAWINGS

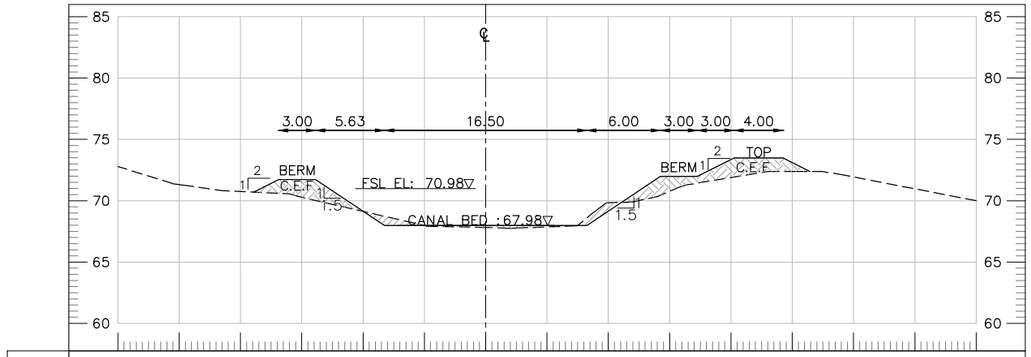
CLIENT: IRRIGATION DEPARTMENT GOVERNMENT OF BALOCHISTAN	CONSULTANTS: CAMEOS CONSULTANTS CONSULTING ENGINEERS ARCHITECTS & PLANNERS. PLOT NO.07 PARIS ARCADE STREET. NO. 36 E-11/3 MARKAZ ISLAMABAD. H. NO.38 CHAMAN HOUSING AIRPORT ROAD QUETTA.	PROJECT TITLE: INTEGRATED FLOOD RESILIENCE AND ADAPTATION PROJECT	SCHEME NAME: (RESTORATION / STRENGTHENING OF FLOOD EMBANKMENT OF MAIN RABI CANAL FROM RD 0 TO RD 100 AND RABI CANAL-II FROM RD 0 TO 22 KM (DISTRICT NASEERABAD)	DRAWING TITLE:- CROSS SECTIONS OF RABI CANAL-II	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:	1:500
FILE PATH: G:/ IFRAP		DATE:	Mar-26
DRAWING NO: IFRAP-P6/RBC-51		SHEET:-	01 OF 01



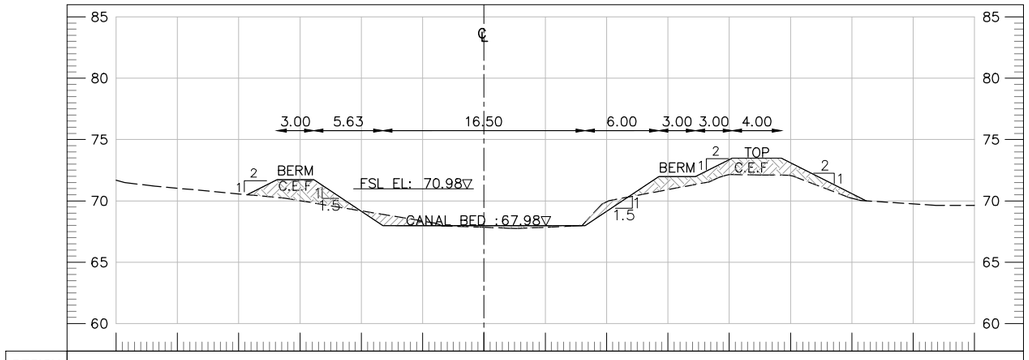
DESIGN FINISH LEVEL				71.06	71.73	71.73	67.98	67.98	67.98	71.98	71.98	73.48	73.48	72.41		
OFFSET				-18.22	-16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25	26.40		
NSL	72.72	71.96	71.27	70.71	69.16	68.05	67.77	67.93	69.99	71.48	72.49	72.40	71.85	71.08	70.31	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 4+400



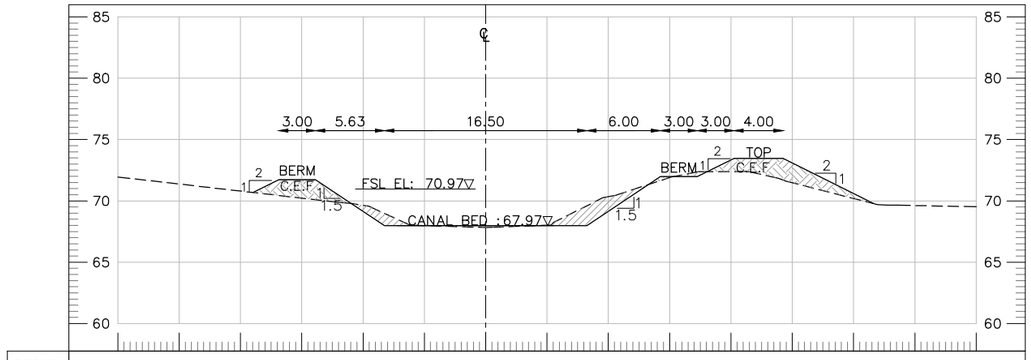
DESIGN FINISH LEVEL				70.70	71.73	71.73	67.98	67.98	67.98	71.98	71.98	73.48	73.48	72.39		
OFFSET				-18.94	-16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25	26.44		
NSL	72.79	71.32	70.75	70.28	69.13	67.98	67.81	67.86	69.83	70.77	71.89	72.39	71.94	70.97	70.00	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 4+500



DESIGN FINISH LEVEL				70.50	71.73	71.73	67.98	67.98	67.98	71.98	71.98	73.48	73.48	70.00		
OFFSET				-19.32	-16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25	31.20		
NSL	71.69	71.03	70.57	70.01	69.19	68.36	67.84	67.85	69.92	70.92	72.15	72.06	70.22	69.75	69.63	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 4+600



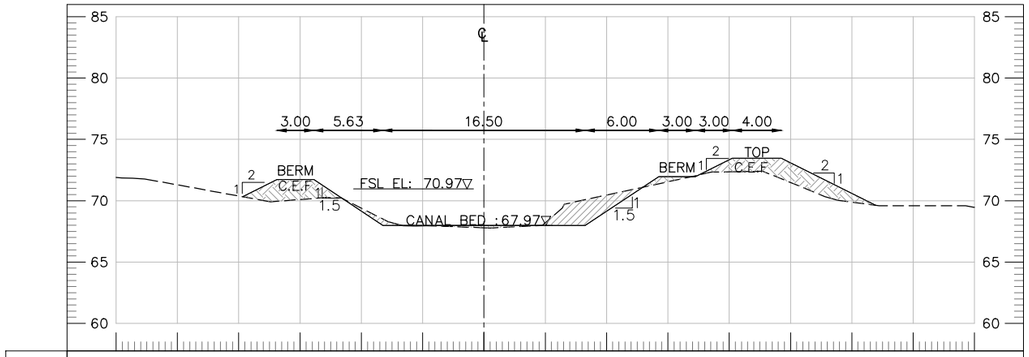
DESIGN FINISH LEVEL				70.68	71.72	71.72	67.97	67.97	67.97	71.97	71.97	73.47	73.47	69.78		
OFFSET				-18.96	-16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25	31.64		
NSL	71.95	71.37	70.80	70.23	69.63	67.99	67.83	68.01	70.34	71.90	72.39	71.48	70.20	69.62	69.52	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 4+700

TENDER DRAWINGS

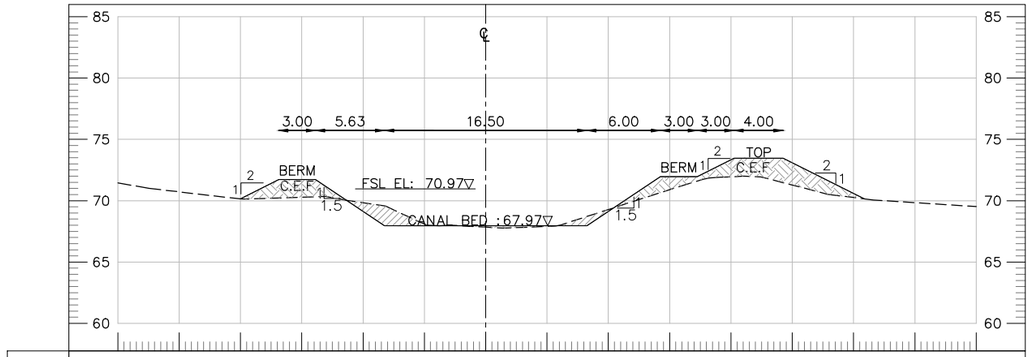
CLIENT: IRRIGATION DEPARTMENT GOVERNMENT OF BALOCHISTAN	CONSULTANTS: CAMEOS CONSULTANTS CONSULTING ENGINEERS ARCHITECTS & PLANNERS. PLOT NO.07 PARIS ARCADE STREET. NO. 36 E-11/3 MARKAZ ISLAMABAD. H. NO.38 CHAMAN HOUSING AIRPORT ROAD QUETTA.	PROJECT TITLE: INTEGRATED FLOOD RESILIENCE AND ADAPTATION PROJECT	SCHEME NAME: (RESTORATION / STRENGTHENING OF FLOOD EMBANKMENT OF MAIN RABI CANAL FROM RD 0 TO RD 100 AND RABI CANAL-II FROM RD 0 TO 22 KM (DISTRICT NASEERABAD)	DRAWING TITLE:- CROSS SECTIONS OF RABI CANAL-II	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:	1:500
FILE PATH: G:/ IFRAP		DATE:	Mar-26
DRAWING NO: IFRAP-P6/RBC-52		SHEET:-	01 OF 01



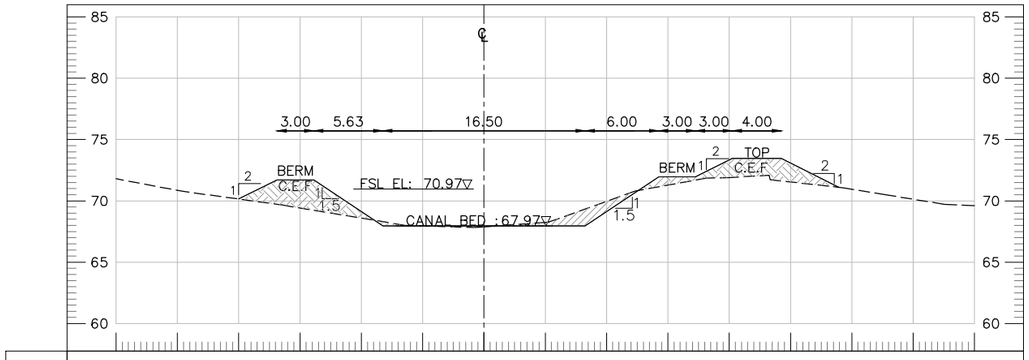
DESIGN FINISH LEVEL			70.32	71.72	71.72	67.97	67.97	67.97	71.97	71.97	73.47	73.47	69.63			
OFFSET			-19.67	-16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25	31.94			
NSL	71.89	71.29	70.38	70.10	69.39	67.95	67.80	68.19	70.46	71.54	72.35	71.48	69.88	69.59	69.47	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 4+800



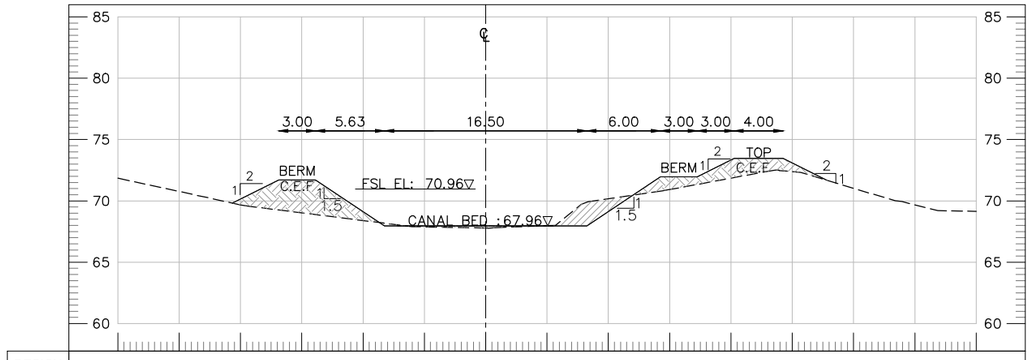
DESIGN FINISH LEVEL			70.15	71.72	71.72	67.97	67.97	67.97	71.97	71.97	73.47	73.47	70.15			
OFFSET			-20.02	-16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25	30.89			
NSL	71.46	70.72	70.14	70.28	69.83	68.10	67.85	67.91	69.28	70.90	71.95	71.28	70.26	69.84	69.52	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 4+900



DESIGN FINISH LEVEL			70.15	71.72	71.72	67.97	67.97	67.97	71.97	71.97	73.47	73.47	71.10			
OFFSET			-20.00	-16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25	28.98			
NSL	71.80	70.86	70.15	69.42	68.59	67.96	67.88	68.24	69.97	71.28	71.91	71.54	70.95	70.13	69.61	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 5+000



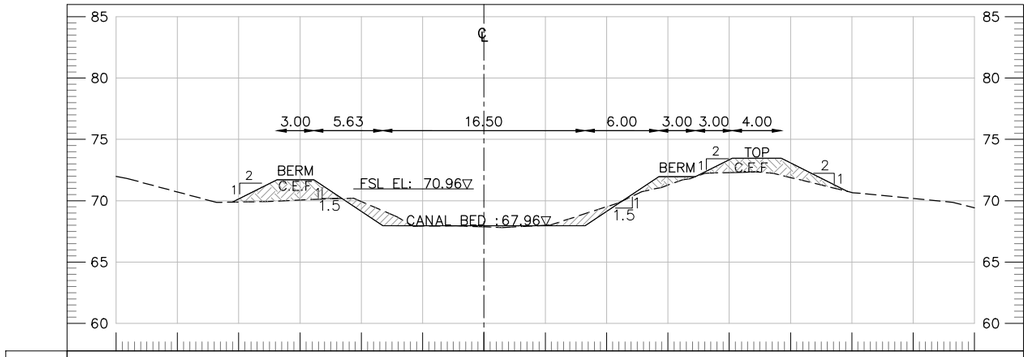
DESIGN FINISH LEVEL			69.82	71.71	71.71	67.96	67.96	67.96	71.96	71.96	73.46	73.46	71.68			
OFFSET			-20.66	-16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25	27.81			
NSL	71.85	70.77	69.68	69.02	68.40	67.88	67.78	67.98	70.17	70.93	71.85	72.38	71.03	69.68	69.15	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 5+100

TENDER DRAWINGS

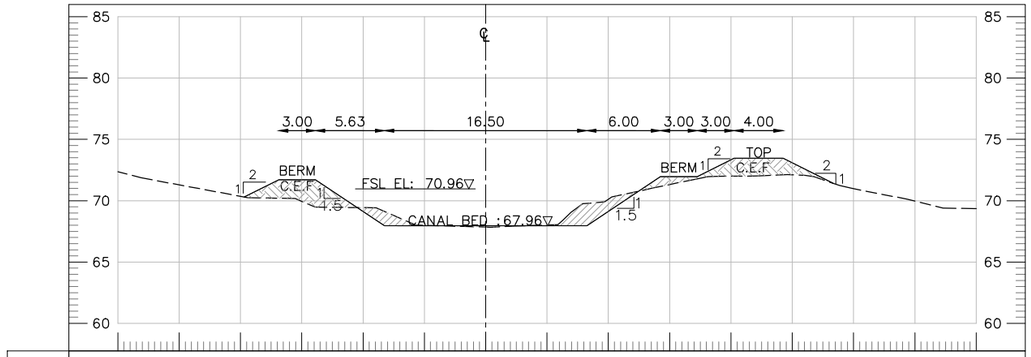
CLIENT: IRRIGATION DEPARTMENT GOVERNMENT OF BALOCHISTAN	CONSULTANTS: CAMEOS CONSULTANTS CONSULTING ENGINEERS ARCHITECTS & PLANNERS. PLOT NO.07 PARIS ARCADE STREET. NO. 36 E-11/3 MARKAZ ISLAMABAD. H. NO.38 CHAMAN HOUSING AIRPORT ROAD QUETTA.	PROJECT TITLE: INTEGRATED FLOOD RESILIENCE AND ADAPTATION PROJECT	SCHEME NAME: (RESTORATION / STRENGTHENING OF FLOOD EMBANKMENT OF MAIN RABI CANAL FROM RD 0 TO RD 100 AND RABI CANAL-II FROM RD 0 TO 22 KM (DISTRICT NASEERABAD)	DRAWING TITLE:- CROSS SECTIONS OF RABI CANAL-II	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:	1:500
FILE PATH: G:/ IFRAP		DATE:	Mar-26
DRAWING NO: IFRAP-P6/RBC-53		SHEET:-	01 OF 01



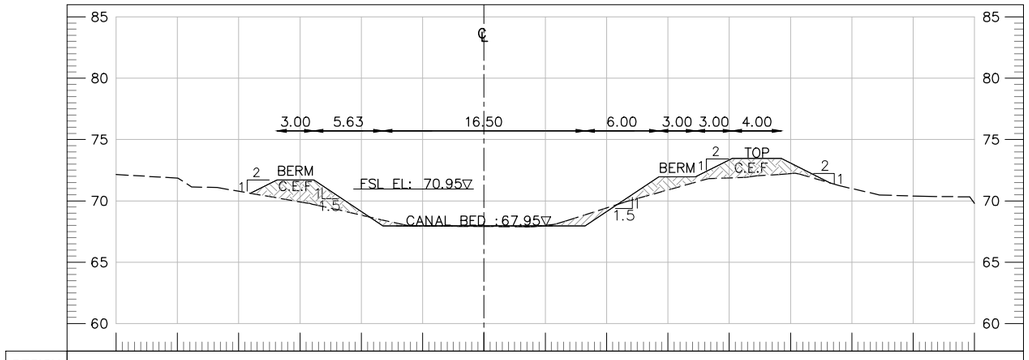
DESIGN FINISH LEVEL			69.89	71.71	71.71	67.96	67.96	67.96	71.96	71.96	73.46	73.46	70.76			
OFFSET			-20.53	-16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25	29.64			
NSL	71.98	70.72	69.89	70.06	69.93	67.93	67.87	68.00	69.51	71.27	72.29	71.89	70.68	70.18	69.43	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 5+200



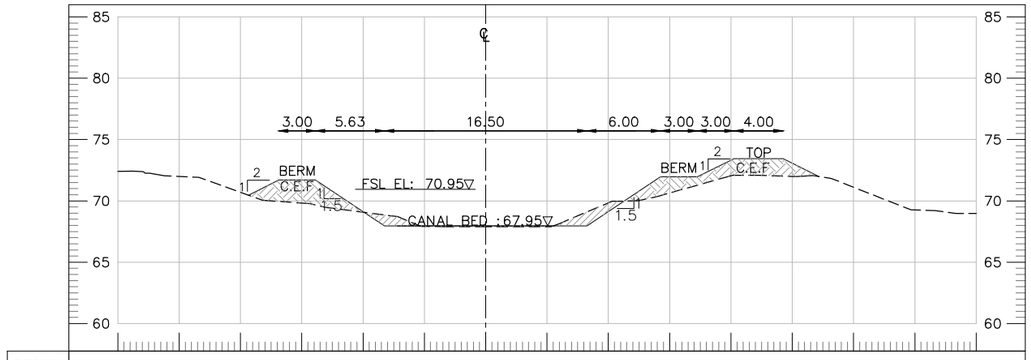
DESIGN FINISH LEVEL			70.30	71.71	71.71	67.96	67.96	67.96	71.96	71.96	73.46	73.46	71.43			
OFFSET			-19.69	-16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25	28.31			
NSL	72.36	71.29	70.36	69.95	69.43	67.99	67.85	68.02	70.11	71.32	72.00	72.11	70.98	69.97	69.36	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 5+300



DESIGN FINISH LEVEL			70.62	71.71	71.71	67.95	67.95	67.95	71.95	71.95	73.45	73.45	71.45			
OFFSET			-19.04	-16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25	28.25			
NSL	72.15	71.86	70.79	69.92	68.84	67.95	67.91	68.00	69.42	70.89	71.87	72.22	71.00	70.40	69.80	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 5+400



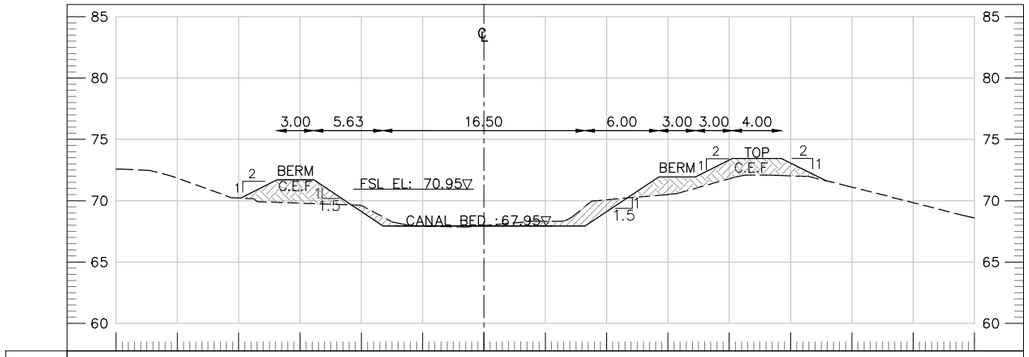
DESIGN FINISH LEVEL			70.46	71.70	71.70	67.95	67.95	67.95	71.95	71.95	73.45	73.45	71.98			
OFFSET			-19.35	-16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25	27.19			
NSL	72.40	71.98	70.69	69.82	69.08	67.92	67.90	67.90	69.84	70.65	72.05	71.99	71.11	69.25	68.98	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 5+500

TENDER DRAWINGS

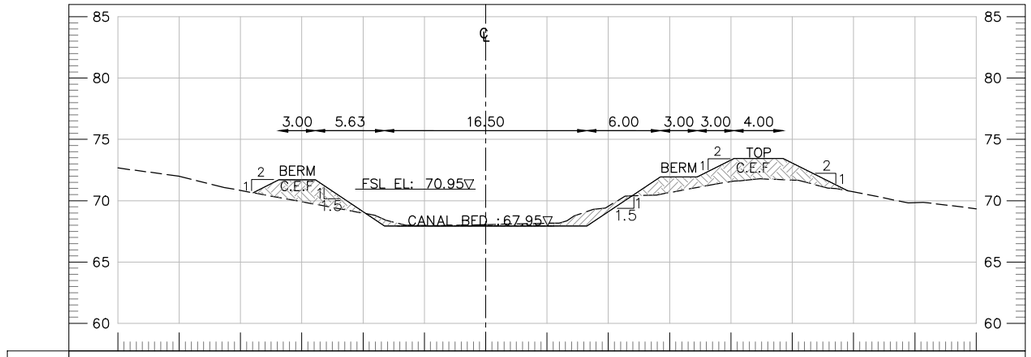
CLIENT: IRRIGATION DEPARTMENT GOVERNMENT OF BALOCHISTAN	CONSULTANTS: CAMEOS CONSULTANTS CONSULTING ENGINEERS ARCHITECTS & PLANNERS. PLOT NO.07 PARIS ARCADE STREET. NO. 36 E-11/3 MARKAZ ISLAMABAD. H. NO.38 CHAMAN HOUSING AIRPORT ROAD QUETTA.	PROJECT TITLE: INTEGRATED FLOOD RESILIENCE AND ADAPTATION PROJECT	SCHEME NAME: (RESTORATION / STRENGTHENING OF FLOOD EMBANKMENT OF MAIN RABI CANAL FROM RD 0 TO RD 100 AND RABI CANAL-II FROM RD 0 TO 22 KM (DISTRICT NASEERABAD)	DRAWING TITLE:- CROSS SECTIONS OF RABI CANAL-II	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:	1:500
FILE PATH: G:/ IFRAP		DATE:	Mar-26
DRAWING NO: IFRAP-P6/RBC-54		SHEET:-	01 OF 01



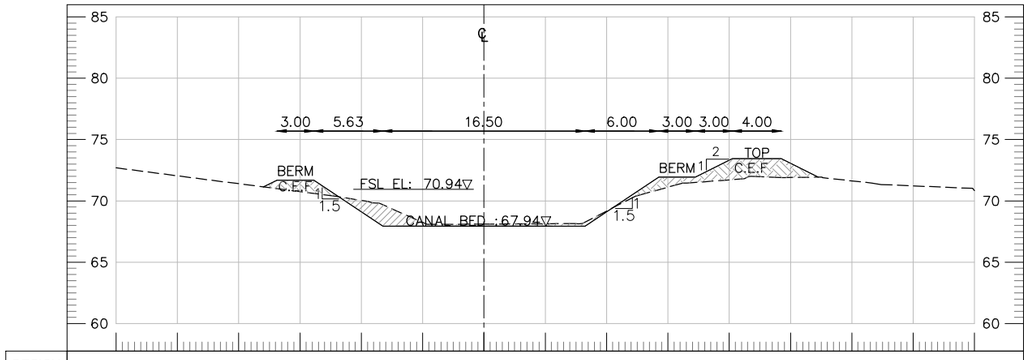
DESIGN FINISH LEVEL			70.21	71.70	71.70	67.95	67.95	67.95	71.95	71.95	73.45	73.45	71.62			
OFFSET			-19.85	-16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25	27.90			
NSL	72.57	71.83	70.22	69.80	69.62	67.93	67.98	68.31	70.08	70.51	71.80	72.03	71.11	69.84	68.60	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 5+600



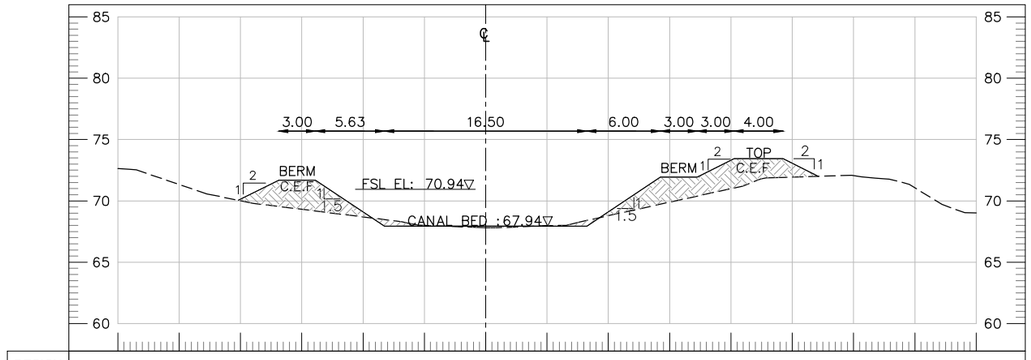
DESIGN FINISH LEVEL			70.65	71.70	71.70	67.95	67.95	67.95	71.95	71.95	73.45	73.45	70.82			
OFFSET			-18.97	-16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25	29.51			
NSL	72.67	72.00	70.84	69.91	68.99	67.98	68.05	68.16	69.54	70.66	71.56	71.69	70.73	69.85	69.34	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 5+700



DESIGN FINISH LEVEL			71.14 71.69	71.69	67.94	67.94	67.94	71.94	71.94	73.44	73.44	71.94				
OFFSET			-17.99 -16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25	27.26				
NSL	72.69	72.05	71.40	70.75	70.04	68.24	68.11	68.14	69.17	71.12	71.72	71.91	71.63	71.22	70.84	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 5+800



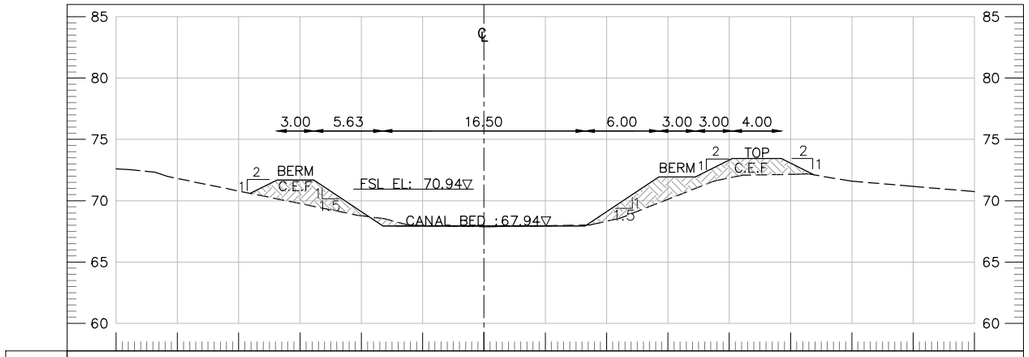
DESIGN FINISH LEVEL			70.05	71.69	71.69	67.94	67.94	67.94	71.94	71.94	73.44	73.44	72.00			
OFFSET			-20.17	-16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25	27.12			
NSL	72.63	71.34	70.01	69.31	68.69	68.01	67.82	67.98	68.79	69.90	71.00	71.94	72.06	71.07	69.03	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 5+900

TENDER DRAWINGS

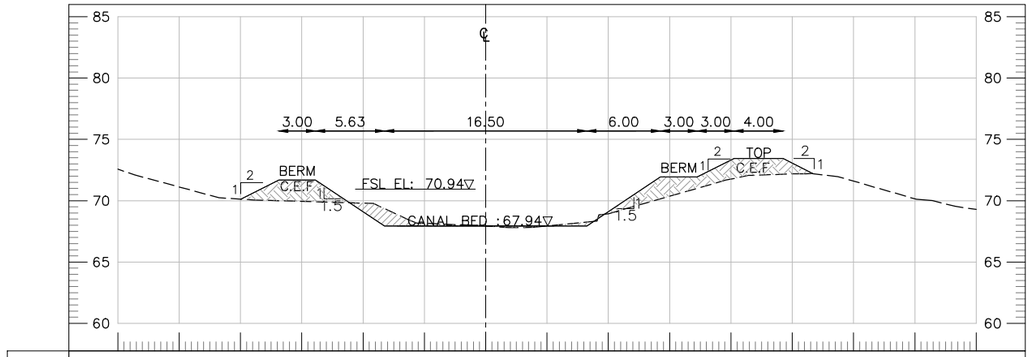
CLIENT: IRRIGATION DEPARTMENT GOVERNMENT OF BALOCHISTAN	CONSULTANTS: CAMEOS CONSULTANTS CONSULTING ENGINEERS ARCHITECTS & PLANNERS. PLOT NO.07 PARIS ARCADE STREET. NO. 36 E-11/3 MARKAZ ISLAMABAD. H. NO.38 CHAMAN HOUSING AIRPORT ROAD QUETTA.	PROJECT TITLE: INTEGRATED FLOOD RESILIENCE AND ADAPTATION PROJECT	SCHEME NAME: (RESTORATION / STRENGTHENING OF FLOOD EMBANKMENT OF MAIN RABI CANAL FROM RD 0 TO RD 100 AND RABI CANAL-II FROM RD 0 TO 22 KM (DISTRICT NASEERABAD)	DRAWING TITLE:- CROSS SECTIONS OF RABI CANAL-II	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:	1:500
FILE PATH: G:/ IFRAP		DATE:	Mar-26
DRAWING NO: IFRAP-P6/RBC-55		SHEET:-	01 OF 01



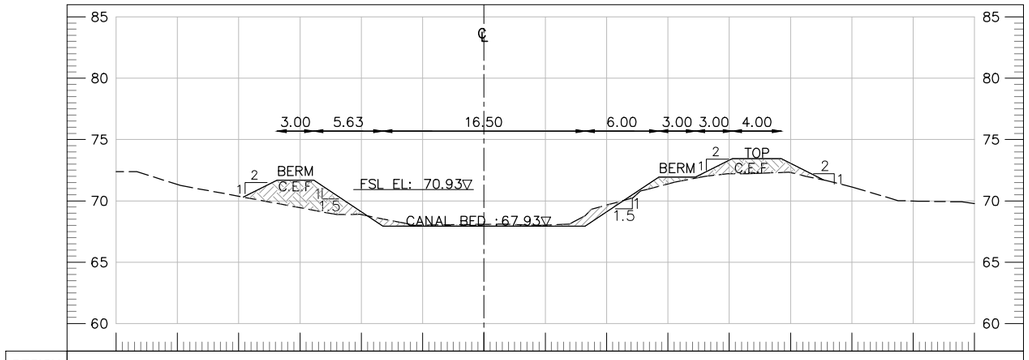
DESIGN FINISH LEVEL			70.60	71.69	71.69	67.94	67.94	67.94	71.94	71.94	73.44	73.44	72.10			
OFFSET			-19.06	-16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25	26.92			
NSL	72.59	71.81	70.79	69.77	68.77	67.98	67.88	67.96	68.32	70.12	71.85	72.15	71.59	71.17	70.73	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 6+000



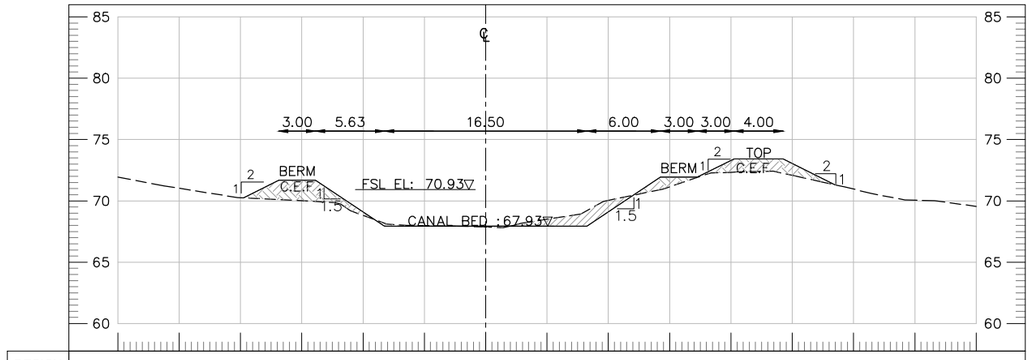
DESIGN FINISH LEVEL			70.13	71.69	71.69	67.94	67.94	67.94	71.94	71.94	73.44	73.44	72.20			
OFFSET			-19.99	-16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25	26.72			
NSL	72.56	71.12	70.13	69.95	69.80	68.15	67.95	67.94	68.94	70.36	71.76	72.18	71.59	70.16	69.29	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 6+100



DESIGN FINISH LEVEL			70.31	71.68	71.68	67.93	67.93	67.93	71.93	71.93	73.43	73.43	71.71			
OFFSET			-19.63	-16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25	27.69			
NSL	72.39	71.34	70.38	69.44	68.89	68.02	68.09	68.02	69.66	71.38	72.21	72.31	71.14	69.99	69.79	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 6+200



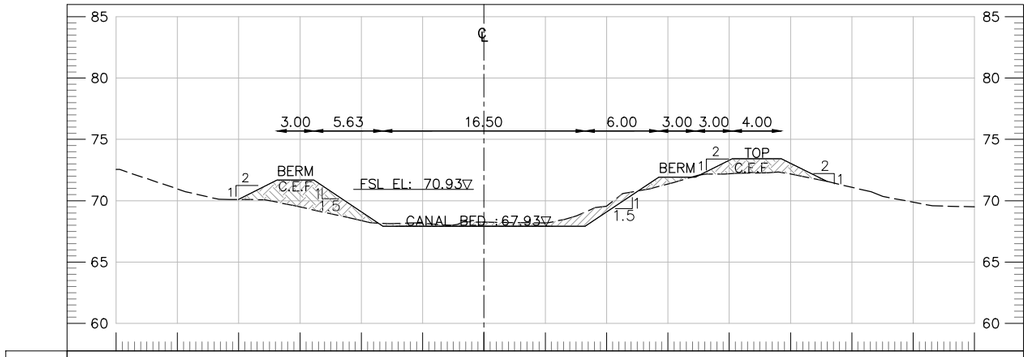
DESIGN FINISH LEVEL			70.25	71.68	71.68	67.93	67.93	67.93	71.93	71.93	73.43	73.43	71.31			
OFFSET			-19.74	-16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25	28.49			
NSL	71.94	71.03	70.26	70.01	68.82	67.98	67.87	68.51	70.04	71.14	72.32	72.09	70.96	70.05	69.56	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 6+300

TENDER DRAWINGS

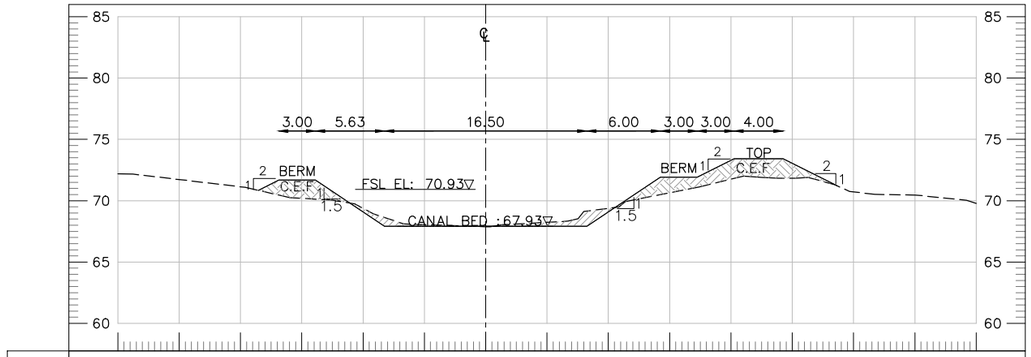
CLIENT: IRRIGATION DEPARTMENT GOVERNMENT OF BALOCHISTAN	CONSULTANTS: CAMEOS CONSULTANTS CONSULTING ENGINEERS ARCHITECTS & PLANNERS. PLOT NO.07 PARIS ARCADE STREET. NO. 36 E-11/3 MARKAZ ISLAMABAD. H. NO.38 CHAMAN HOUSING AIRPORT ROAD QUETTA.	PROJECT TITLE: INTEGRATED FLOOD RESILIENCE AND ADAPTATION PROJECT	SCHEME NAME: (RESTORATION / STRENGTHENING OF FLOOD EMBANKMENT OF MAIN RABI CANAL FROM RD 0 TO RD 100 AND RABI CANAL-II FROM RD 0 TO 22 KM (DISTRICT NASEERABAD)	DRAWING TITLE:- CROSS SECTIONS OF RABI CANAL-II	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:	1:500
FILE PATH: G:/ IFRAP		DATE:	Mar-26
DRAWING NO: IFRAP-P6/RBC-56		SHEET:-	01 OF 01



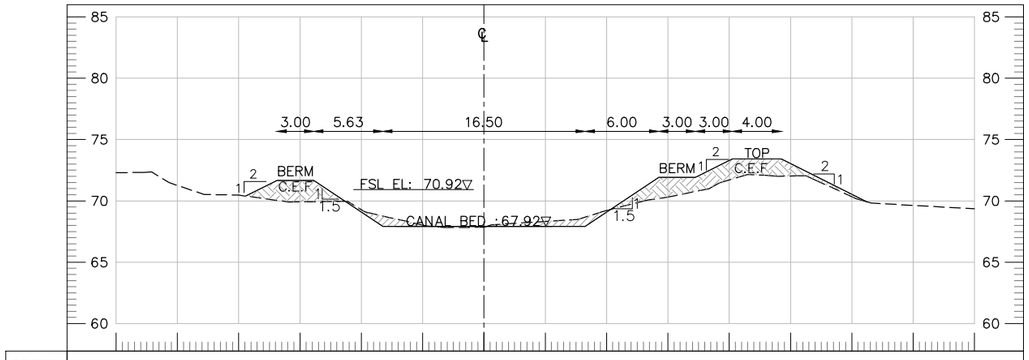
DESIGN FINISH LEVEL			70.10	71.68	71.68	67.93	67.93	67.93	71.93	71.93	73.43	73.43	71.57			
OFFSET			-20.03	-16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25	27.96			
NSL	72.55	70.96	70.10	69.49	68.37	68.15	68.25	68.19	69.55	71.36	72.20	72.18	71.10	69.88	69.50	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 6+400



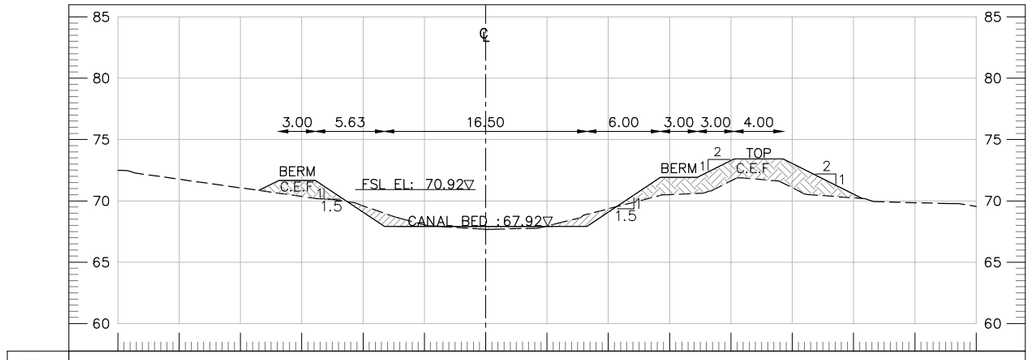
DESIGN FINISH LEVEL			70.84	71.68	71.68	67.93	67.93	67.93	71.92	71.92	73.42	73.42	71.24			
OFFSET			-18.54	-16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25	28.61			
NSL	72.18	71.73	71.13	70.20	69.38	68.05	67.89	68.24	69.38	70.65	71.76	71.84	70.72	70.47	69.77	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 6+500



DESIGN FINISH LEVEL			70.39	71.67	71.67	67.92	67.92	67.92	71.92	71.92	73.42	73.42	69.92			
OFFSET			-19.43	-16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25	31.26			
NSL	72.30	71.26	70.47	69.92	69.28	68.03	67.85	68.33	69.22	70.31	71.70	72.03	70.34	69.63	69.36	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 6+600



DESIGN FINISH LEVEL			70.85	71.67	71.67	67.92	67.92	67.92	71.92	71.92	73.42	73.42	70.20			
OFFSET			-18.51	-16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25	30.68			
NSL	72.49	71.77	71.06	70.36	69.59	68.04	67.68	67.96	69.35	70.51	71.63	71.07	70.25	69.85	69.55	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 6+700

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.

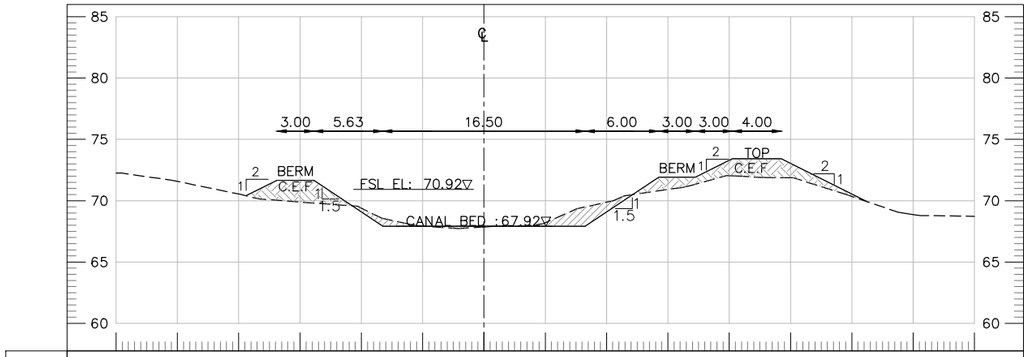
PROJECT TITLE:
INTEGRATED FLOOD RESILIENCE AND ADAPTATION PROJECT

SCHEME NAME:
(RESTORATION / STRENGTHENING OF FLOOD EMBANKMENT OF MAIN RABI CANAL FROM RD 0 TO RD 100 AND RABI CANAL-II FROM RD 0 TO 22 KM (DISTRICT NASEERABAD)

DRAWING TITLE:-
CROSS SECTIONS OF
RABI CANAL-II

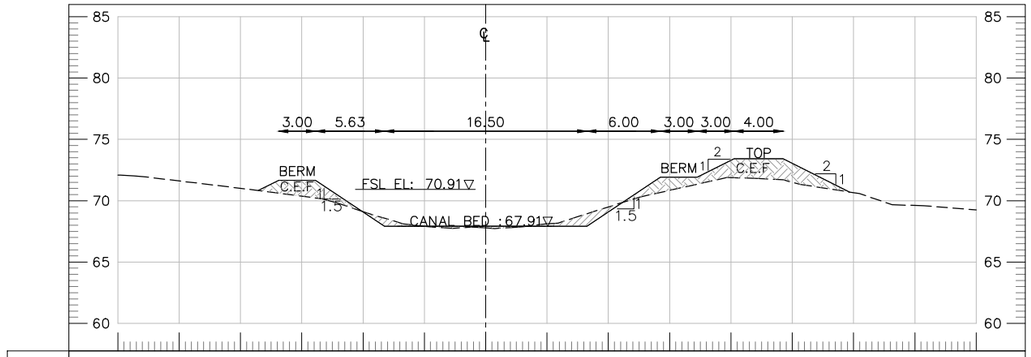
NOTES:
ALL LEVELS AND DIMENSIONS ARE IN METERS UNLESS INDICATED OTHERWISE.

DRAWN BY:	FAISAL / USAMA	DESIGNED BY:	KAMRAN BABAR
CHECKED BY:	ZIA-UL-HAQ	SCALE:	1:500
FILE PATH:	G:/ IFRAP	DATE:	Mar-26
DRAWING NO:	IFRAP-P6/RBC-57	SHEET:-	01 OF 01



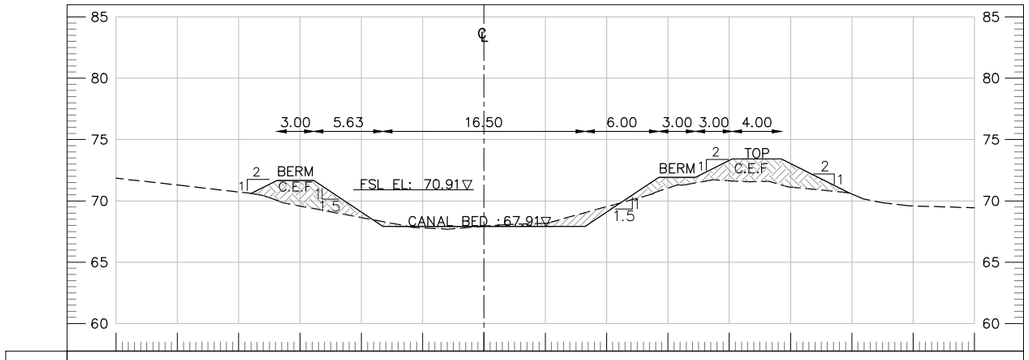
DESIGN FINISH LEVEL			70.41	71.67	71.67	67.92	67.92	67.92	71.92	71.92	73.42	73.42	69.92			
OFFSET			-19.40	-16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25	31.24			
NSL	72.26	71.57	70.55	69.89	69.39	67.92	67.86	68.20	69.88	70.91	72.04	71.87	70.34	68.87	68.72	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 6+800



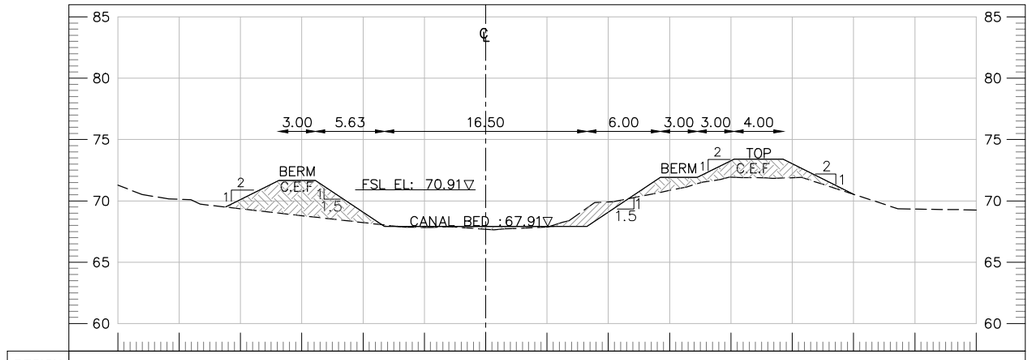
DESIGN FINISH LEVEL			70.84	71.66	71.66	67.91	67.91	67.91	71.91	71.91	73.41	73.41	70.71			
OFFSET			-18.53	-16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25	29.66			
NSL	72.08	71.61	71.01	70.37	69.10	67.90	67.79	68.11	69.49	70.84	71.88	71.51	70.66	69.62	69.25	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 6+900



DESIGN FINISH LEVEL			70.60	71.66	71.66	67.91	67.91	67.91	71.91	71.91	73.41	73.41	70.66			
OFFSET			-19.00	-16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25	29.75			
NSL	71.85	71.29	70.73	69.58	68.64	67.80	67.93	68.18	69.53	71.05	71.64	71.13	70.57	69.59	69.45	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 7+000



DESIGN FINISH LEVEL			69.50	71.66	71.66	67.91	67.91	67.91	71.91	71.91	73.41	73.41	70.54			
OFFSET			-21.20	-16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25	29.98			
NSL	71.29	70.14	69.36	68.80	68.23	67.84	67.69	67.87	69.91	70.85	71.94	71.89	70.54	69.34	69.26	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 7+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:

(RESTORATION / STRENGTHENING OF FLOOD EMBANKMENT OF MAIN RABI CANAL FROM RD 0 TO RD 100 AND RABI CANAL-II FROM RD 0 TO 22 KM (DISTRICT NASEERABAD)

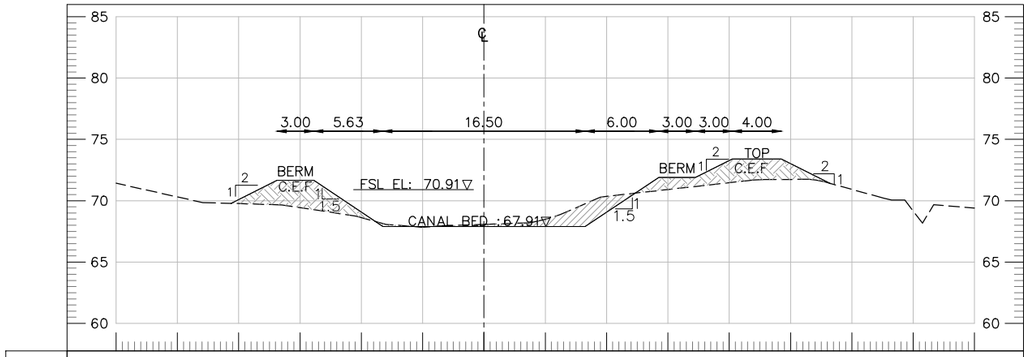
DRAWING TITLE:-

CROSS SECTIONS OF RABI CANAL-II

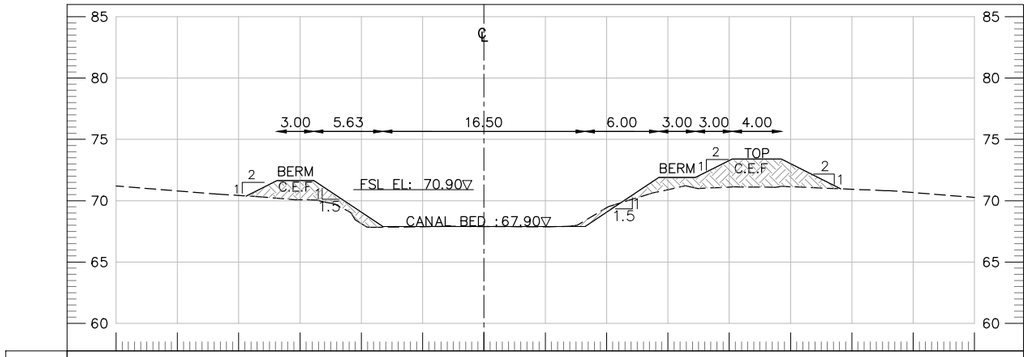
NOTES:

ALL LEVELS AND DIMENSIONS ARE IN METERS UNLESS INDICATED OTHERWISE.

DRAWN BY:	FAISAL / USAMA	DESIGNED BY:	KAMRAN BABAR
CHECKED BY:	ZIA-UL-HAQ	SCALE:	1:500
FILE PATH:	G:/ IFRAP	DATE:	**Mar-26**
DRAWING NO:	IFRAP-P6/RBC-58	SHEET:-	01 OF 01

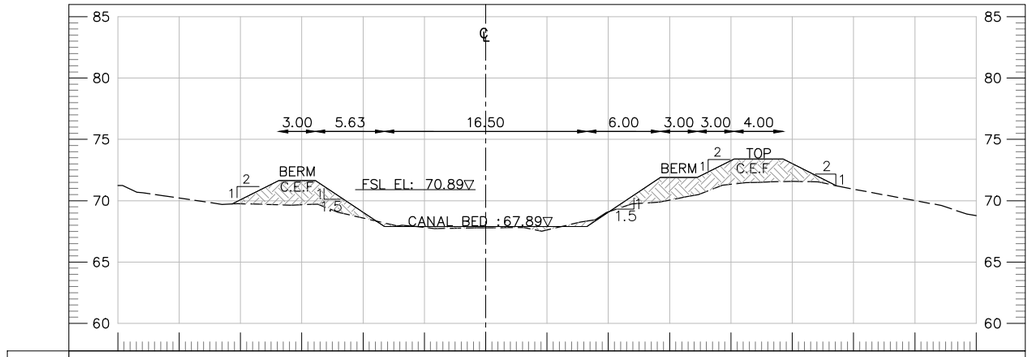

℄
3.00 5.63 16.50 6.00 3.00 3.00 4.00
BERM
C.E.F
FSL EL: 70.91▽
CANAL BED : 67.91▽
BERM
TOP
C.E.F
85
80
75
70
65
60

| | | |



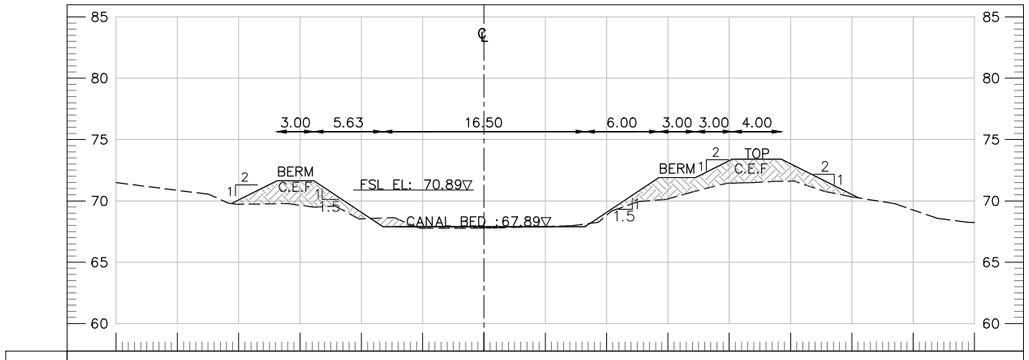
DESIGN FINISH LEVEL			70.38	71.65	71.65	67.90	67.90	67.90	71.90	71.90	73.40	73.40	70.97			
OFFSET			-19.40	-16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25	29.10			
NSL	71.20	70.80	70.42	70.07	68.13	67.89	67.90	67.88	69.43	70.90	71.11	71.14	70.93	70.66	70.27	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 7+600



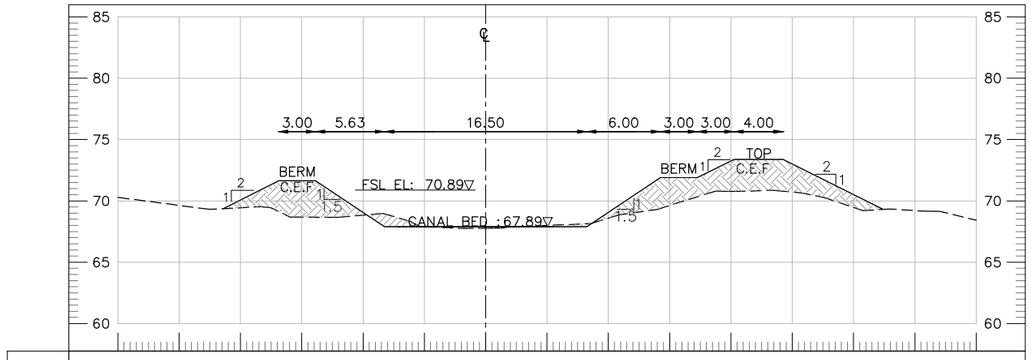
DESIGN FINISH LEVEL			69.74	71.64	71.64	67.89	67.89	67.89	71.89	71.89	73.39	73.39	71.22			
OFFSET			-20.68	-16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25	28.59			
NSL	71.25	70.22	69.76	69.67	68.58	67.83	67.79	67.62	69.09	70.05	71.33	71.58	70.94	70.01	68.79	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 7+700



DESIGN FINISH LEVEL			69.77	71.64	71.64	67.89	67.89	67.89	71.89	71.89	73.39	73.39	70.24			
OFFSET			-20.61	-16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25	30.55			
NSL	71.49	70.86	69.72	69.65	68.54	67.77	67.78	67.91	68.83	70.16	71.44	71.61	70.33	69.25	68.23	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 7+800



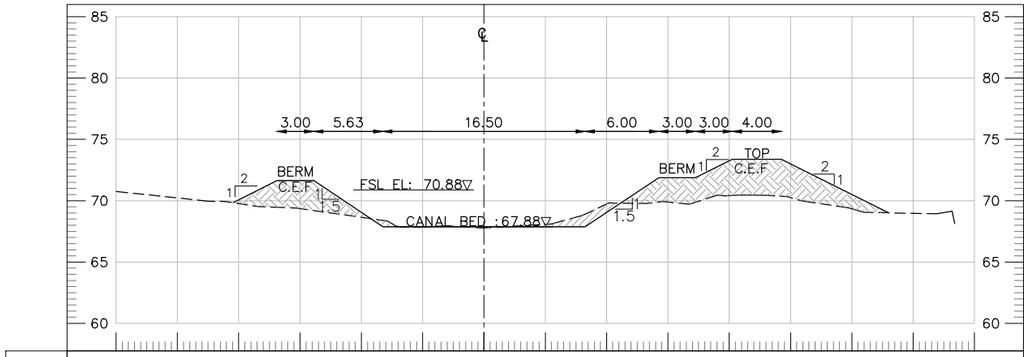
DESIGN FINISH LEVEL			69.36	71.64	71.64	67.89	67.89	67.89	71.89	71.89	73.39	73.39	69.31			
OFFSET			-21.42	-16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25	32.40			
NSL	70.29	69.63	69.44	68.68	68.84	67.88	67.78	68.00	68.59	69.63	70.77	70.72	69.46	69.21	68.42	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 7+900

TENDER DRAWINGS

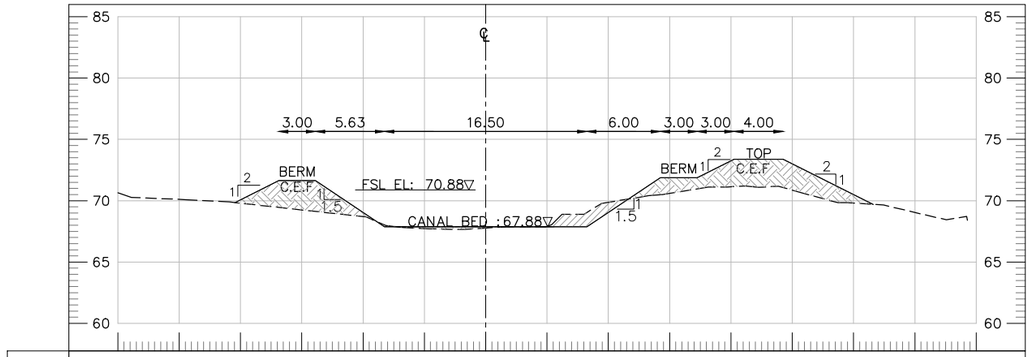
CLIENT: IRRIGATION DEPARTMENT GOVERNMENT OF BALOCHISTAN	CONSULTANTS: CAMEOS CONSULTANTS CONSULTING ENGINEERS ARCHITECTS & PLANNERS. PLOT NO.07 PARIS ARCADE STREET. NO. 36 E-11/3 MARKAZ ISLAMABAD. H. NO.38 CHAMAN HOUSING AIRPORT ROAD QUETTA.	PROJECT TITLE: INTEGRATED FLOOD RESILIENCE AND ADAPTATION PROJECT	SCHEME NAME: (RESTORATION / STRENGTHENING OF FLOOD EMBANKMENT OF MAIN RABI CANAL FROM RD 0 TO RD 100 AND RABI CANAL-II FROM RD 0 TO 22 KM (DISTRICT NASEERABAD)	DRAWING TITLE:- CROSS SECTIONS OF RABI CANAL-II	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:	1:500
FILE PATH: G:/ IFRAP		DATE:	Mar-26
DRAWING NO: IFRAP-P6/RBC-60		SHEET:-	01 OF 01



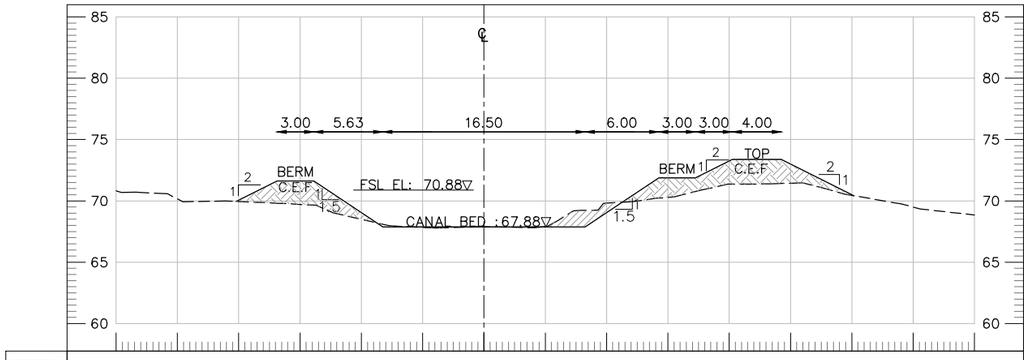
DESIGN FINISH LEVEL			69.84	71.64	71.64	67.88	67.88	67.88	71.88	71.88	73.38	73.38	69.01													
OFFSET			-20.46	-16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25	32.99													
NSL	70.75	70.23	69.77	69.36	68.65	67.86	67.78	68.08	69.72	69.90	70.40	70.25	69.33	68.97												
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00											

AT RD 8+000



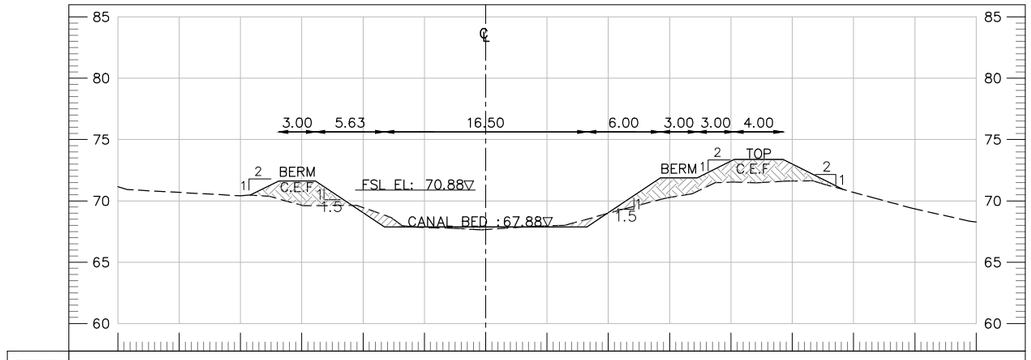
DESIGN FINISH LEVEL			69.85	71.63	71.63	67.88	67.88	67.88	71.88	71.88	73.38	73.38	69.70													
OFFSET			-20.45	-16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25	31.61													
NSL	70.65	70.11	69.80	69.25	68.70	67.73	67.77	67.91	69.87	70.60	71.14	70.86	69.82	69.05												
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00											

AT RD 8+100



DESIGN FINISH LEVEL			69.96	71.63	71.63	67.88	67.88	67.88	71.88	71.88	73.38	73.38	70.42													
OFFSET			-20.22	-16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25	30.17													
NSL	70.82	70.16	69.95	69.71	68.50	67.84	67.89	67.89	69.82	70.29	71.37	71.44	70.45	69.50	68.85											
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00											

AT RD 8+200



DESIGN FINISH LEVEL			70.47	71.63	71.63	67.88	67.88	67.88	71.88	71.88	73.38	73.38	70.94													
OFFSET			-19.19	-16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25	29.13													
NSL	71.16	70.69	70.42	69.64	69.45	67.83	67.67	67.97	68.99	70.28	71.53	71.62	70.70	69.35	68.28											
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00											

AT RD 8+300

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:

(RESTORATION / STRENGTHENING OF FLOOD EMBANKMENT OF MAIN RABI CANAL FROM RD 0 TO RD 100 AND RABI CANAL-II FROM RD 0 TO 22 KM (DISTRICT NASEERABAD)

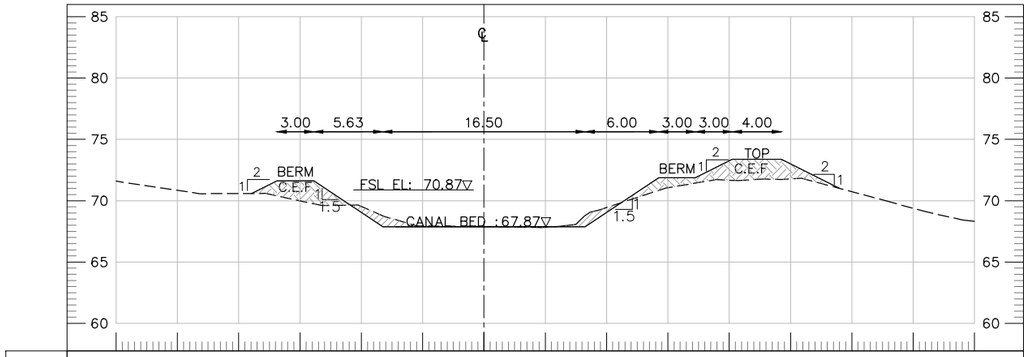
DRAWING TITLE:-

CROSS SECTIONS OF RABI CANAL-II

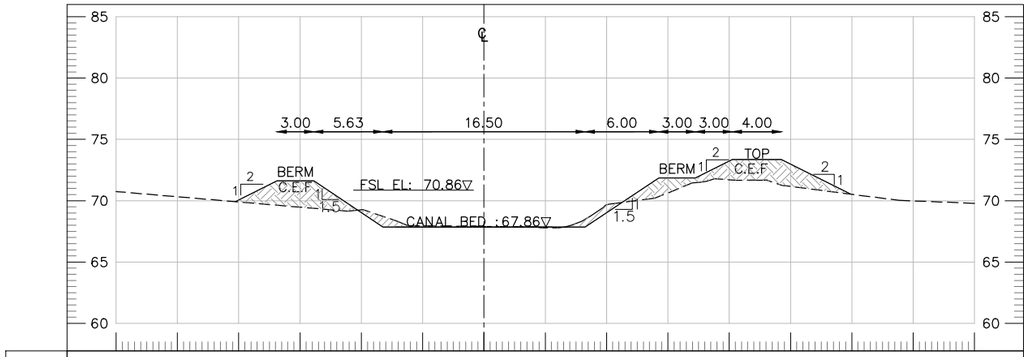
NOTES:

ALL LEVELS AND DIMENSIONS ARE IN METERS UNLESS INDICATED OTHERWISE.

DRAWN BY:	FAISAL / USAMA	DESIGNED BY:	KAMRAN BABAR
CHECKED BY:	ZIA-UL-HAQ	SCALE:	1:500
FILE PATH:	G:/ IFRAP	DATE:	**Mar-26**
DRAWING NO:	IFRAP-P6/RBC-61	SHEET:-	01 OF 01

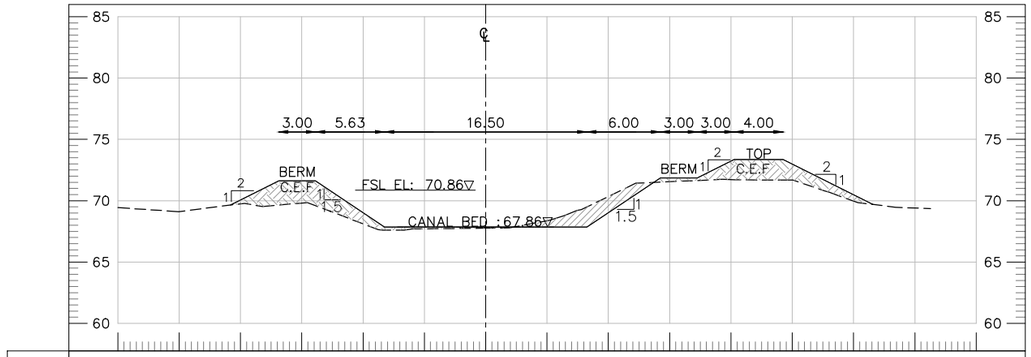

3.00 5.63 16.50 6.00 3.00 3.00 4.00
BERM
C.E.F
FSL EL: 70.87▽
CANAL BED : 67.87▽
BERM
TOP
C.E.F
2
1
1.5

| | | |



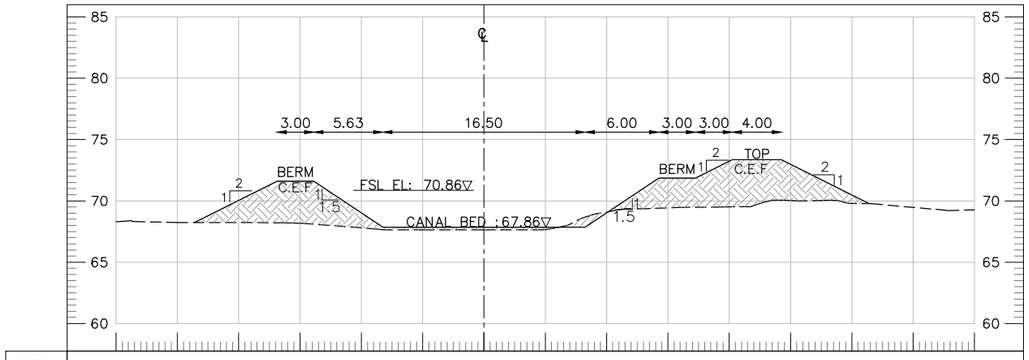
DESIGN FINISH LEVEL			69.92	71.61	71.61	67.86	67.86	67.86	71.86	71.86	73.36	73.36	70.53			
OFFSET			-20.26	-16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25	29.91			
NSL	70.76	70.32	69.90	69.47	69.26	67.95	67.90	67.78	69.66	70.64	71.70	71.16	70.52	69.99	69.79	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 8+800



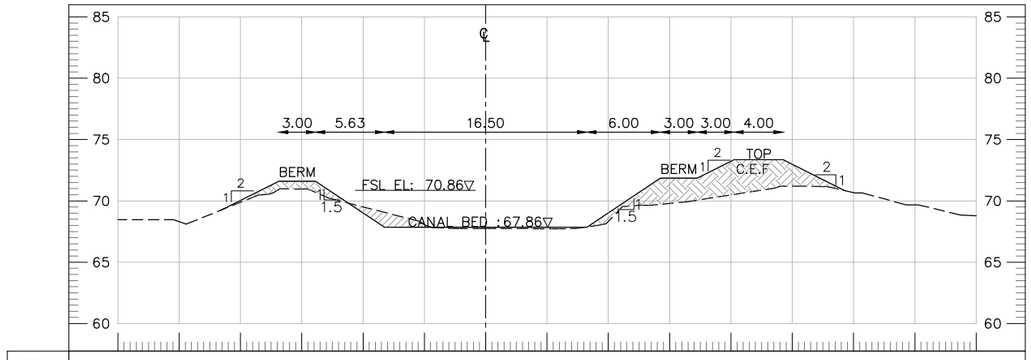
DESIGN FINISH LEVEL			69.65	71.61	71.61	67.86	67.86	67.86	71.86	71.86	73.36	73.36	69.69			
OFFSET			-20.81	-16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25	31.58			
NSL	69.43	69.12	69.75	69.81	68.11	67.71	67.76	68.37	70.35	71.55	71.72	71.68	69.98	69.41		
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 8+900



DESIGN FINISH LEVEL			68.24	71.61	71.61	67.86	67.86	67.86	71.86	71.86	73.36	73.36	69.78			
OFFSET			-23.61	-16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25	31.41			
NSL	68.30	68.25	68.23	68.19	67.80	67.65	67.64	67.65	69.10	69.43	69.51	70.03	69.79	69.47	69.27	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 9+000



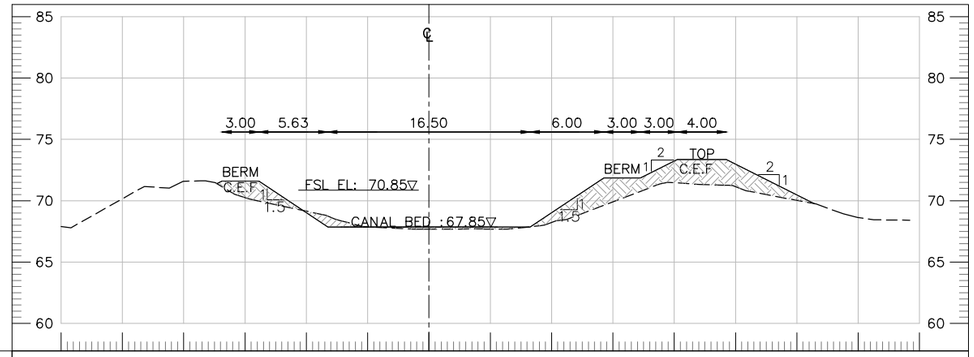
DESIGN FINISH LEVEL			69.23	71.61	71.61	67.86	67.86	67.86	71.85	71.85	73.35	73.35	70.84			
OFFSET			-21.62	-16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25	29.27			
NSL	68.46	68.31	69.89	70.97	69.51	68.07	67.74	67.74	68.33	69.79	70.49	71.20	70.68	69.68	68.78	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 9+100

TENDER DRAWINGS

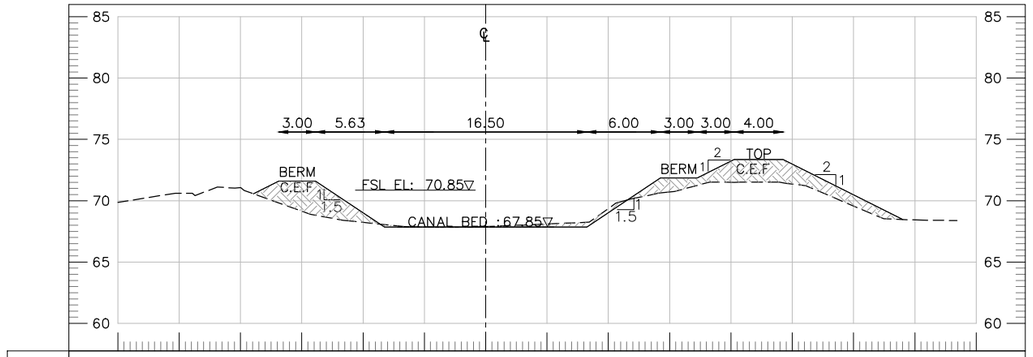
CLIENT: IRRIGATION DEPARTMENT GOVERNMENT OF BALOCHISTAN	CONSULTANTS: CAMEOS CONSULTANTS CONSULTING ENGINEERS ARCHITECTS & PLANNERS. PLOT NO.07 PARIS ARCADE STREET. NO. 36 E-11/3 MARKAZ ISLAMABAD. H. NO.38 CHAMAN HOUSING AIRPORT ROAD QUETTA.	PROJECT TITLE: INTEGRATED FLOOD RESILIENCE AND ADAPTATION PROJECT	SCHEME NAME: (RESTORATION / STRENGTHENING OF FLOOD EMBANKMENT OF MAIN RABI CANAL FROM RD 0 TO RD 100 AND RABI CANAL-II FROM RD 0 TO 22 KM (DISTRICT NASEERABAD)	DRAWING TITLE:- CROSS SECTIONS OF RABI CANAL-II	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:	1:500
FILE PATH: G:/ IFRAP		DATE:	Mar-26
DRAWING NO: IFRAP-P6/RBC-63		SHEET:-	01 OF 01



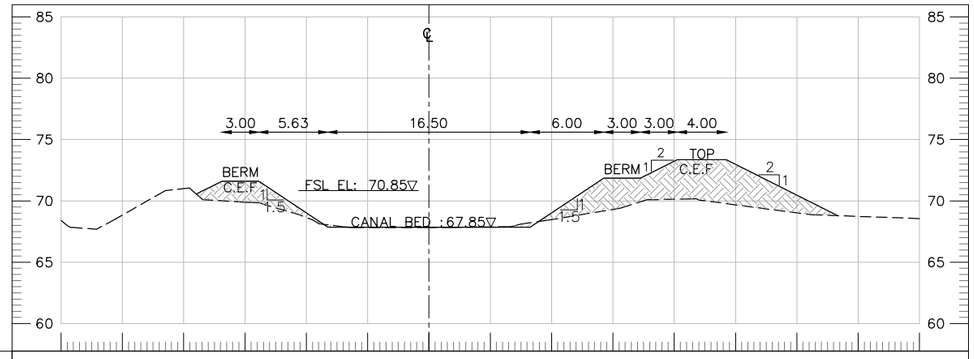
DESIGN FINISH LEVEL				71.39	71.60	67.85	67.85	67.85	71.85	71.85	73.35	73.35	69.75			
OFFSET				-17.30	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25	31.46			
NSL	67.89	70.16	71.59	70.24	69.15	67.86	67.69	67.69	68.23	69.91	71.47	71.15	70.03	68.63		
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 9+200



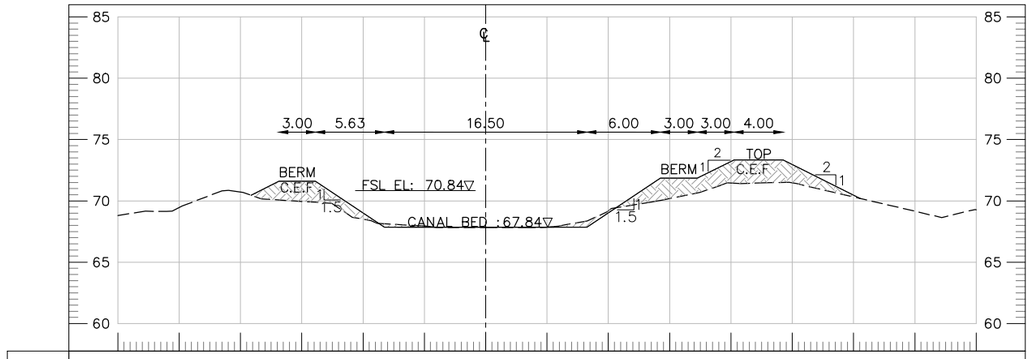
DESIGN FINISH LEVEL				70.57	71.60	71.60	67.85	67.85	67.85	71.85	71.85	73.35	73.35	68.47		
OFFSET				-18.94	-16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25	34.01		
NSL	69.87	70.60	71.08	69.15	68.24	67.85	67.89	68.10	69.36	70.71	71.50	71.36	69.57	68.43		
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 9+300



DESIGN FINISH LEVEL				70.55	71.60	71.60	67.85	67.85	67.85	71.85	71.85	73.35	73.35	68.80		
OFFSET				-18.96	-16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25	33.35		
NSL	68.41	68.85	70.99	69.89	68.65	67.84	67.84	67.88	68.47	69.30	70.13	69.68	69.03	68.74	68.56	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 9+400



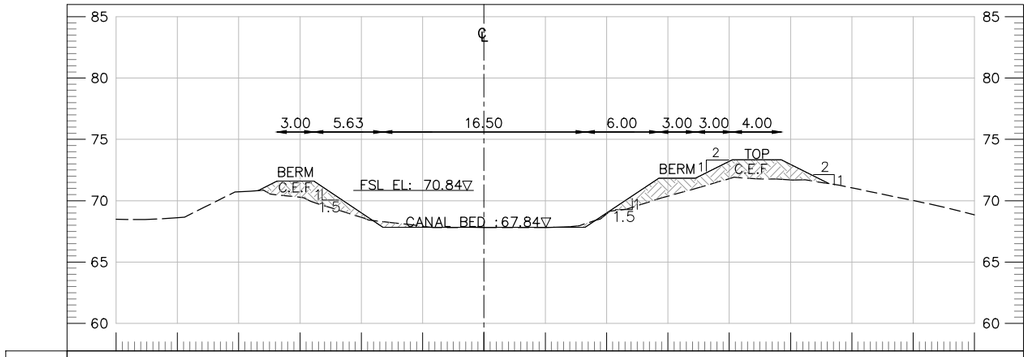
DESIGN FINISH LEVEL				70.47	71.59	71.59	67.84	67.84	67.84	71.84	71.84	73.34	73.34	70.19		
OFFSET				-19.13	-16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25	30.56		
NSL	68.82	69.46	70.73	69.96	68.51	67.95	67.84	67.85	69.18	70.18	71.46	71.47	70.32	69.16	69.28	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 9+500

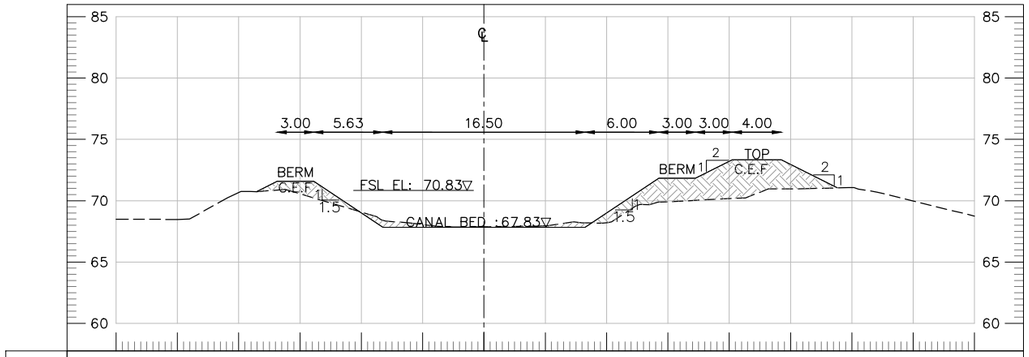
TENDER DRAWINGS

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: (RESTORATION / STRENGTHENING OF FLOOD EMBANKMENT OF MAIN RABI CANAL FROM RD 0 TO RD 100 AND RABI CANAL-II FROM RD 0 TO 22 KM (DISTRICT NASEERABAD)	DRAWING TITLE:- CROSS SECTIONS OF RABI CANAL-II	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:	1:500
FILE PATH: G:/ IFRAP		DATE:	Mar-26
DRAWING NO: IFRAP-P6/RBC-64		SHEET:-	01 OF 01

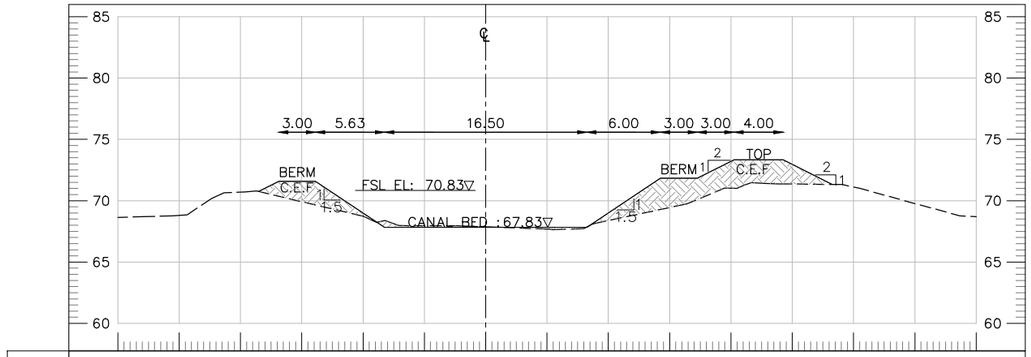

3.00 5.63 16.50 6.00 3.00 3.00 4.00
BERM
C.E.F
FSL EL: 70.84▽
CANAL BED : 67.84▽
BERM
TOP
C.E.F
2
1
1.5

| | | |



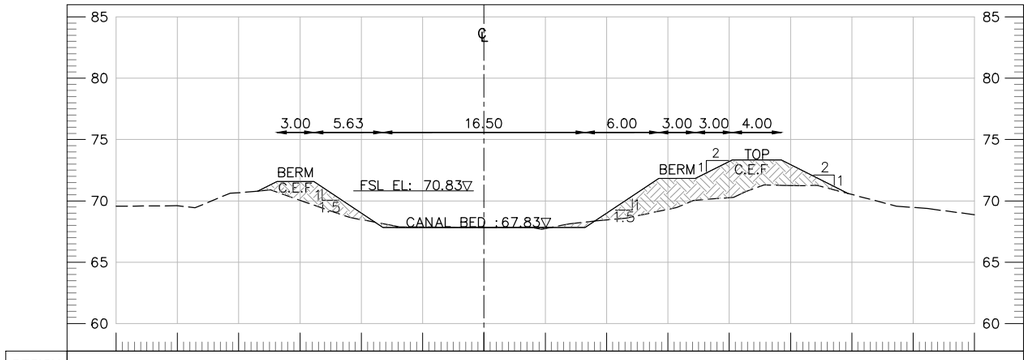
DESIGN FINISH LEVEL			70.74	71.58	71.58	67.83	67.83	67.83	71.83	71.83	73.33	73.33	71.04			
OFFSET			-18.56	-16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25	28.83			
NSL	68.50	68.47	70.67	70.56	69.07	68.06	67.88	67.95	68.20	69.92	70.17	70.97	71.07	69.98	68.74	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 10+000



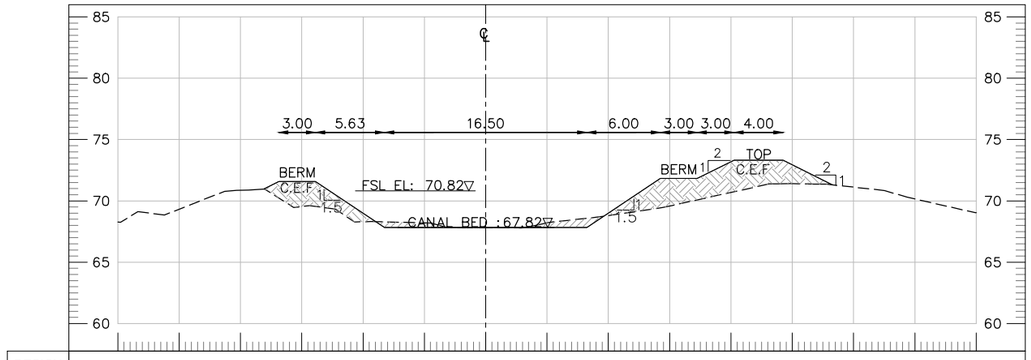
DESIGN FINISH LEVEL			70.75	71.58	71.58	67.83	67.83	67.83	71.83	71.83	73.33	73.33	71.33			
OFFSET			-18.53	-16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25	28.25			
NSL	68.63	68.80	70.71	69.92	68.73	67.96	67.87	67.69	68.38	69.44	71.01	71.36	71.12	69.77	68.70	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 10+100



DESIGN FINISH LEVEL			70.79	71.58	71.58	67.83	67.83	67.83	71.83	71.83	73.33	73.33	70.61			
OFFSET			-18.45	-16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25	29.68			
NSL	69.56	69.60	70.67	70.04	68.47	67.87	67.84	67.74	68.44	69.31	70.27	71.25	70.52	69.46	68.87	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 10+200



DESIGN FINISH LEVEL			70.96	71.57	71.57	67.82	67.82	67.82	71.82	71.82	73.32	73.32	71.31			
OFFSET			-18.10	-16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25	28.27			
NSL	68.27	69.32	70.87	69.54	68.30	68.21	67.81	68.21	68.81	69.58	70.69	71.41	71.12	70.16	69.03	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 10+300

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.

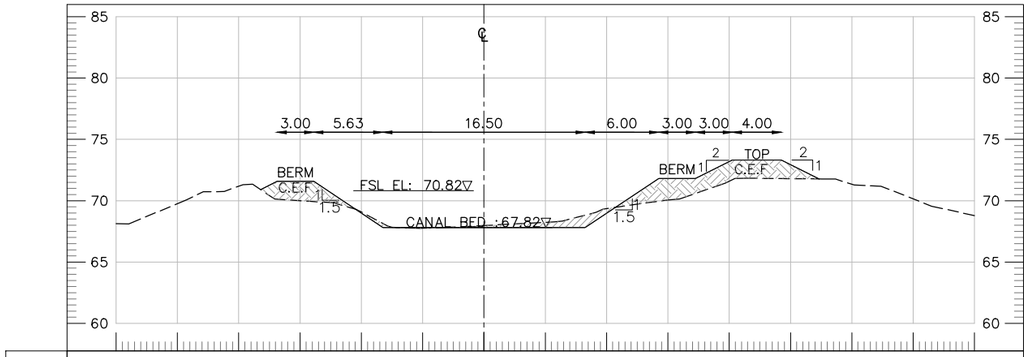
PROJECT TITLE:
INTEGRATED FLOOD RESILIENCE AND ADAPTATION PROJECT

SCHEME NAME:
(RESTORATION / STRENGTHENING OF FLOOD EMBANKMENT OF MAIN RABI CANAL FROM RD 0 TO RD 100 AND RABI CANAL-II FROM RD 0 TO 22 KM (DISTRICT NASEERABAD)

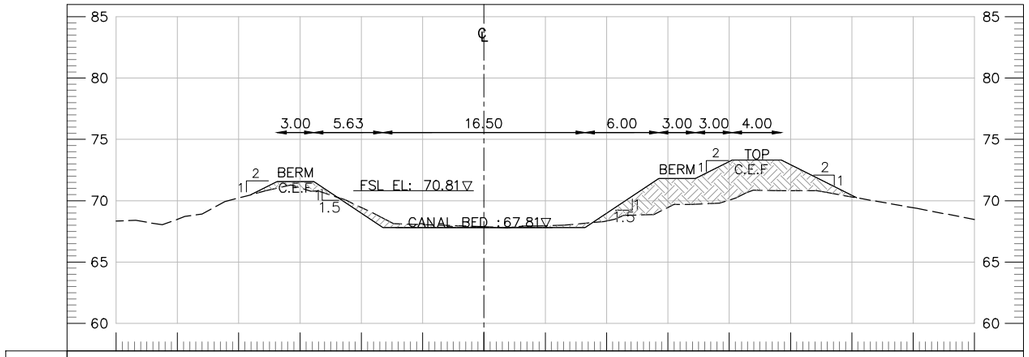
DRAWING TITLE:-
CROSS SECTIONS OF
RABI CANAL-II

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:	1:500
FILE PATH:	G:/ IFRAP	DATE:	Mar-26
DRAWING NO:	IFRAP-P6/RBC-66	SHEET:-	01 OF 01

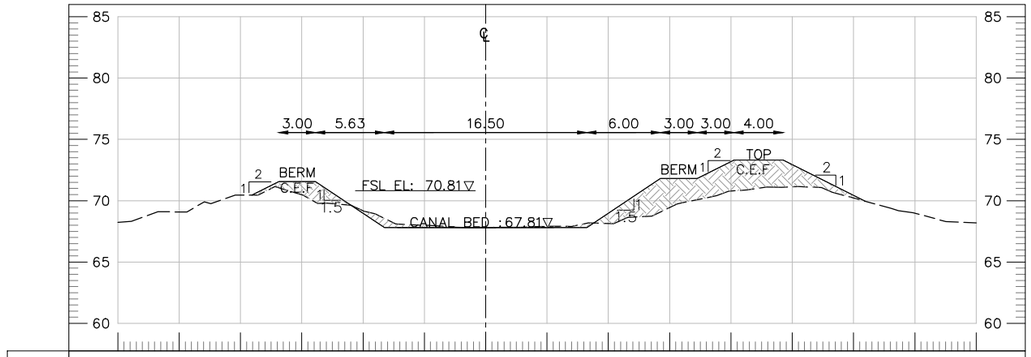

3.00 5.63 16.50 6.00 3.00 3.00 4.00
BERM
C.E.F
FSL EL: 70.82▽
CANAL BED :67.82▽
BERM
TOP
C.E.F
1.5
1.5

| | | |



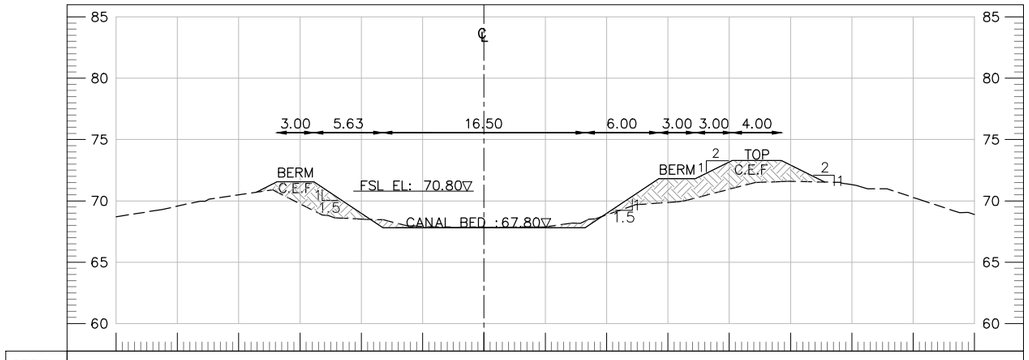
DESIGN FINISH LEVEL			70.48	71.56	71.56	67.81	67.81	67.81	71.81	71.81	73.31	73.31	70.24			
OFFSET			-19.04	-16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25	30.39			
NSL	68.34	68.49	70.22	71.05	69.44	68.05	67.88	67.95	68.34	69.45	70.06	70.81	70.31	69.43	68.47	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 10+800



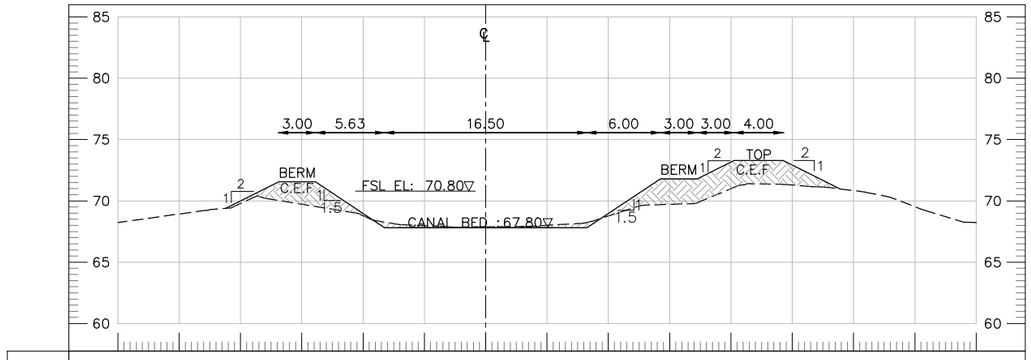
DESIGN FINISH LEVEL			70.46	71.56	71.56	67.81	67.81	67.81	71.81	71.81	73.31	73.31	69.95			
OFFSET			-19.07	-16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25	30.96			
NSL	68.24	68.09	70.46	70.48	69.17	68.00	67.81	67.91	68.15	69.44	70.79	71.13	70.22	68.99	68.19	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 10+900



DESIGN FINISH LEVEL			70.69	71.55	71.55	67.80	67.80	67.80	71.80	71.80	73.30	73.30	71.53			
OFFSET			-18.60	-16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25	27.79			
NSL	68.70	69.57	70.49	69.76	68.52	67.92	67.84	67.89	68.86	69.87	70.95	71.59	71.33	70.28	68.89	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 11+000



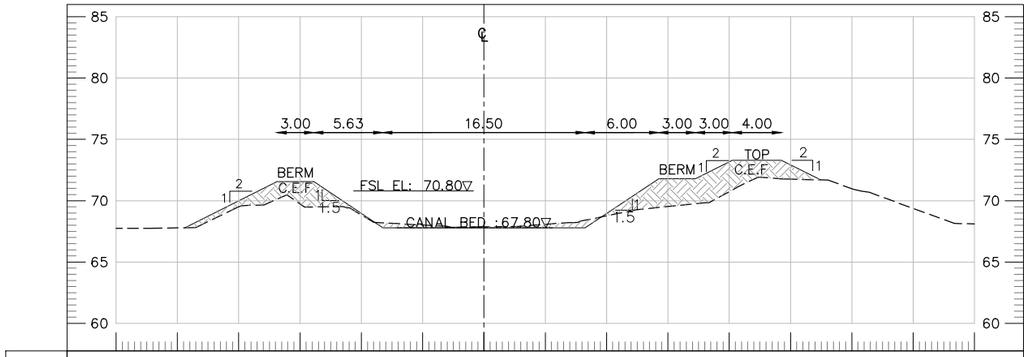
DESIGN FINISH LEVEL			69.39	71.55	71.55	67.80	67.80	67.80	71.80	71.80	73.30	73.30	70.97			
OFFSET			-21.19	-16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25	28.90			
NSL	68.23	68.93	69.79	69.73	68.79	67.98	67.88	68.01	68.77	69.72	70.99	71.29	70.84	69.53	68.24	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 11+100

TENDER DRAWINGS

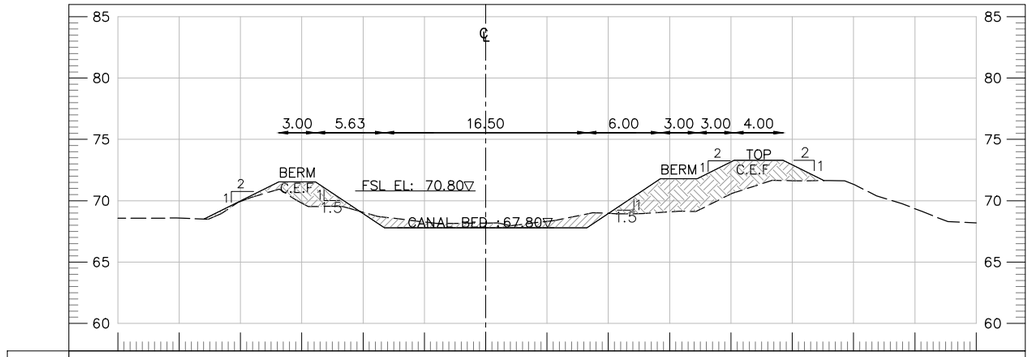
CLIENT: IRRIGATION DEPARTMENT GOVERNMENT OF BALOCHISTAN	CONSULTANTS: CAMEOS CONSULTANTS CONSULTING ENGINEERS ARCHITECTS & PLANNERS. PLOT NO.07 PARIS ARCADE STREET. NO. 36 E-11/3 MARKAZ ISLAMABAD. H. NO.38 CHAMAN HOUSING AIRPORT ROAD QUETTA.	PROJECT TITLE: INTEGRATED FLOOD RESILIENCE AND ADAPTATION PROJECT	SCHEME NAME: (RESTORATION / STRENGTHENING OF FLOOD EMBANKMENT OF MAIN RABI CANAL FROM RD 0 TO RD 100 AND RABI CANAL-II FROM RD 0 TO 22 KM (DISTRICT NASEERABAD)	DRAWING TITLE:- CROSS SECTIONS OF RABI CANAL-II	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:	1:500
FILE PATH: G:/ IFRAP		DATE:	Mar-26
DRAWING NO: IFRAP-P6/RBC-68		SHEET:-	01 OF 01



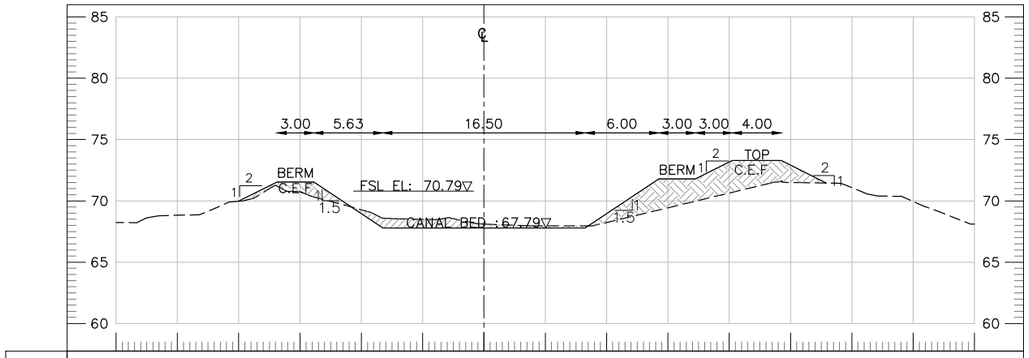
DESIGN FINISH LEVEL		67.79		71.55	71.55	67.80	67.80	67.80	71.80	71.80	73.30	73.30	71.70			
OFFSET		-24.40		-16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25	27.44			
NSL	67.75	67.78	69.52	69.74	68.84	68.02	67.87	68.08	68.77	69.52	70.74	71.75	70.97	69.37	68.10	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 11+200



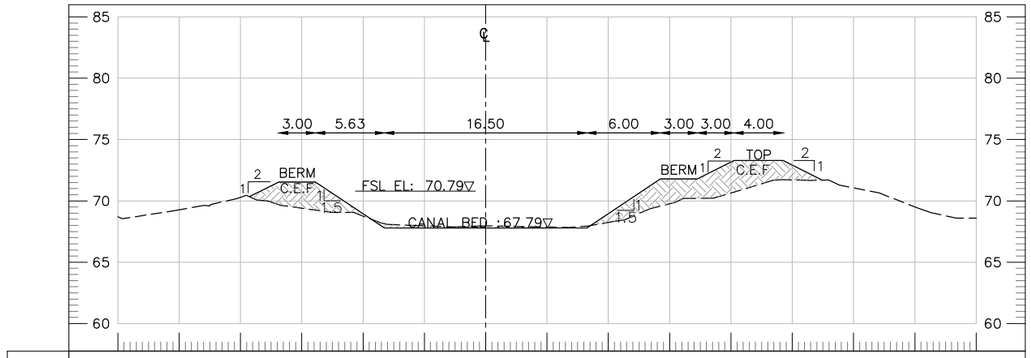
DESIGN FINISH LEVEL		68.50	71.55	71.55	67.80	67.80	67.80	71.80	71.80	73.30	73.30	71.63				
OFFSET		-22.96	-16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25	27.58				
NSL	68.58	68.59	69.95	69.80	69.06	68.27	68.18	68.32	68.97	69.10	70.55	71.64	71.34	69.35	68.20	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 11+300



DESIGN FINISH LEVEL		69.96	71.54	71.54	67.79	67.79	67.79	71.79	71.79	73.29	73.29	71.46				
OFFSET		-20.04	-16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25	27.92				
NSL	68.24	68.83	69.96	70.75	69.27	68.50	68.11	67.95	68.24	69.44	70.64	71.50	71.08	69.95	68.11	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 11+400



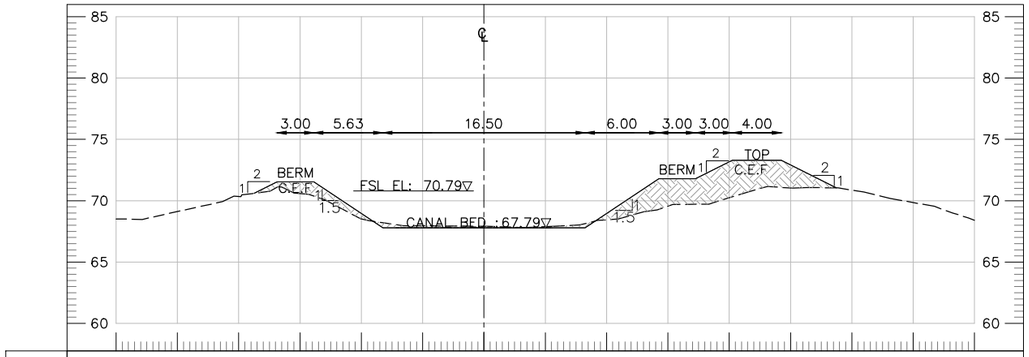
DESIGN FINISH LEVEL		70.35	71.54	71.54	67.79	67.79	67.79	71.79	71.79	73.29	73.29	71.69				
OFFSET		-19.26	-16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25	27.45				
NSL	68.70	69.27	70.29	69.40	68.76	67.97	67.96	67.87	68.24	69.76	70.65	71.71	71.05	69.51	68.59	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 11+500

TENDER DRAWINGS

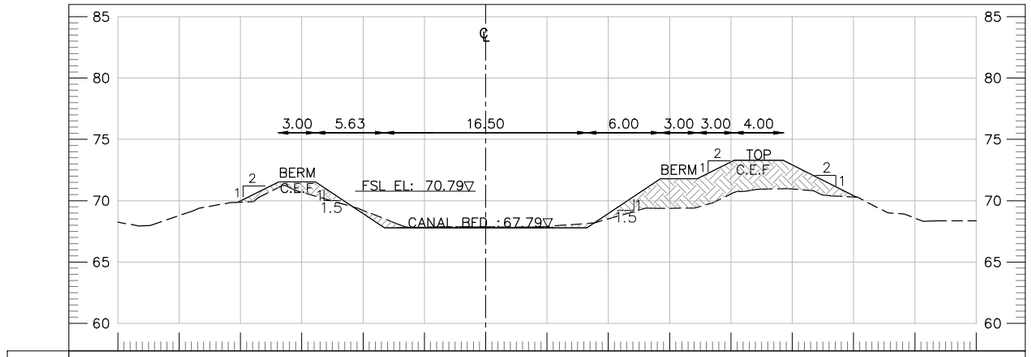
CLIENT: IRRIGATION DEPARTMENT GOVERNMENT OF BALOCHISTAN	CONSULTANTS: CAMEOS CONSULTANTS CONSULTING ENGINEERS ARCHITECTS & PLANNERS. PLOT NO.07 PARIS ARCADE STREET. NO. 36 E-11/3 MARKAZ ISLAMABAD. H. NO.38 CHAMAN HOUSING AIRPORT ROAD QUETTA.	PROJECT TITLE: INTEGRATED FLOOD RESILIENCE AND ADAPTATION PROJECT	SCHEME NAME: (RESTORATION / STRENGTHENING OF FLOOD EMBANKMENT OF MAIN RABI CANAL FROM RD 0 TO RD 100 AND RABI CANAL-II FROM RD 0 TO 22 KM (DISTRICT NASEERABAD)	DRAWING TITLE:- CROSS SECTIONS OF RABI CANAL-II	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:	1:500
FILE PATH: G:/ IFRAP		DATE:	Mar-26
DRAWING NO: IFRAP-P6/RBC-69		SHEET:-	01 OF 01



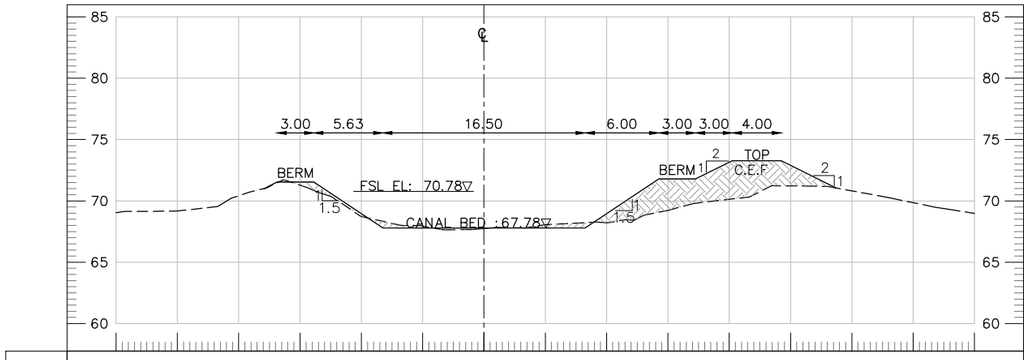
DESIGN FINISH LEVEL				70.60	71.54	71.54	67.79	67.79	67.79	71.79	71.79	73.29	73.29	71.04		
OFFSET				-18.75	-16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25	28.74		
NSL	68.52	69.11	70.34	70.59	68.51	67.96	67.92	67.89	68.44	69.55	70.24	71.04	70.87	69.85	68.41	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 11+600



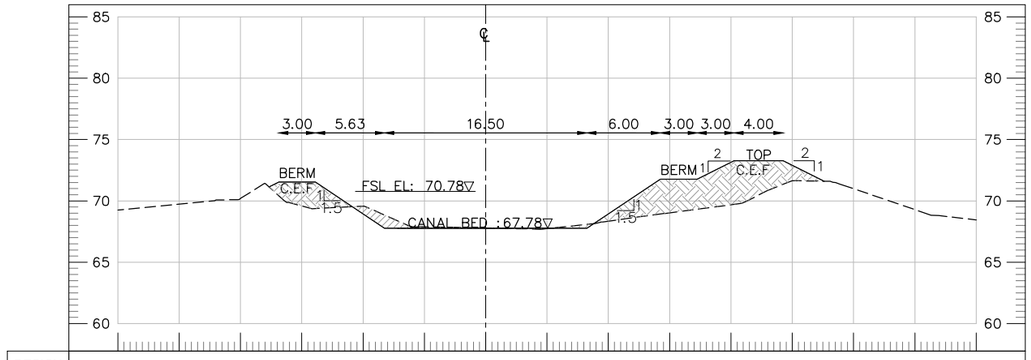
DESIGN FINISH LEVEL				69.88	71.54	71.54	67.79	67.79	67.79	71.78	71.78	73.28	73.28	70.28		
OFFSET				-20.19	-16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25	30.25		
NSL	68.25	68.79	69.89	70.69	69.21	67.84	67.87	67.90	68.52	69.39	70.55	70.95	70.30	68.58	68.37	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 11+700



DESIGN FINISH LEVEL				70.99 71.53	71.53	67.78	67.78	67.78	71.78	71.78	73.28	73.28	71.05			
OFFSET				-17.96 -16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25	28.71			
NSL	69.04	69.17	70.42	71.28	68.73	67.93	67.76	68.06	68.22	69.23	70.13	71.22	70.82	69.85	68.97	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 11+800



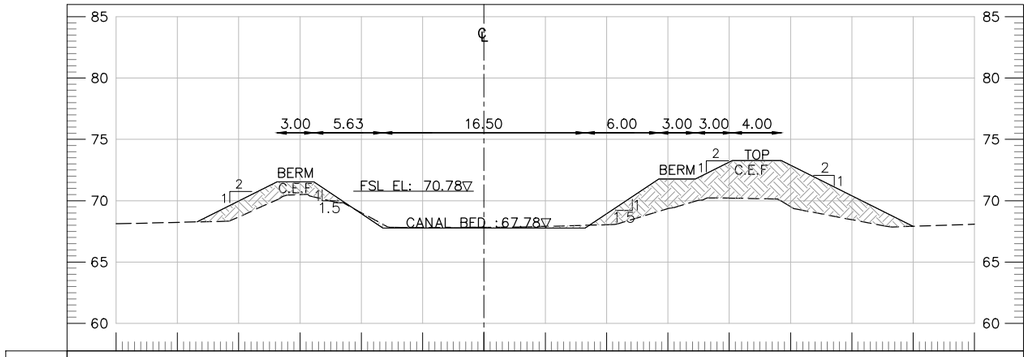
DESIGN FINISH LEVEL				71.14 71.53	71.53	67.78	67.78	67.78	71.78	71.78	73.28	73.28	71.60			
OFFSET				-17.67 -16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25	27.60			
NSL	69.24	69.73	70.20	69.59	69.57	67.88	67.79	67.74	68.34	69.02	69.68	71.64	70.99	69.29	68.45	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 11+900

TENDER DRAWINGS

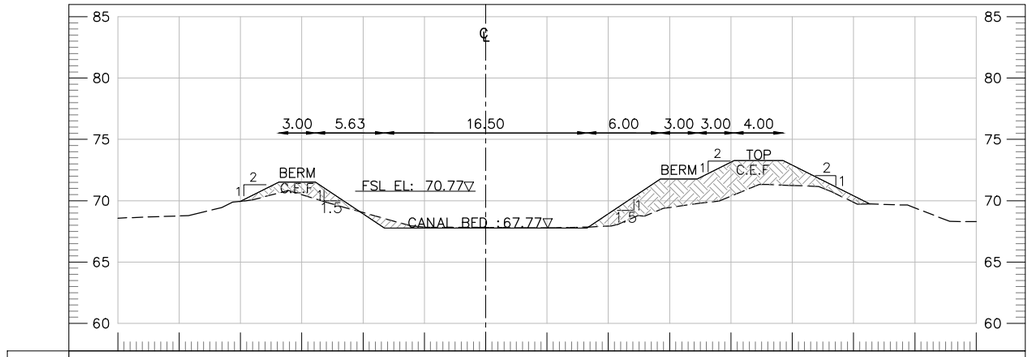
CLIENT: IRRIGATION DEPARTMENT GOVERNMENT OF BALOCHISTAN	CONSULTANTS: CAMEOS CONSULTANTS CONSULTING ENGINEERS ARCHITECTS & PLANNERS. PLOT NO.07 PARIS ARCADE STREET. NO. 36 E-11/3 MARKAZ ISLAMABAD. H. NO.38 CHAMAN HOUSING AIRPORT ROAD QUETTA.	PROJECT TITLE: INTEGRATED FLOOD RESILIENCE AND ADAPTATION PROJECT	SCHEME NAME: (RESTORATION / STRENGTHENING OF FLOOD EMBANKMENT OF MAIN RABI CANAL FROM RD 0 TO RD 100 AND RABI CANAL-II FROM RD 0 TO 22 KM (DISTRICT NASEERABAD)	DRAWING TITLE:- CROSS SECTIONS OF RABI CANAL-II	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:	1:500
FILE PATH: G:/ IFRAP		DATE:	Mar-26
DRAWING NO: IFRAP-P6/RBC-70		SHEET:-	01 OF 01



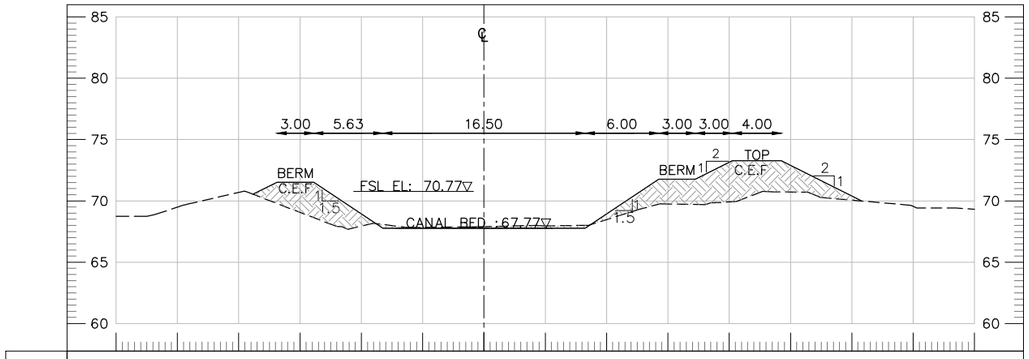
DESIGN FINISH LEVEL			68.27	71.53	71.53	67.78	67.78	67.78	71.78	71.78	73.28	73.28		67.91		
OFFSET			-23.39	-16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25		34.97		
NSL	68.13	68.23	68.67	70.49	69.02	67.81	67.83	67.91	68.04	69.36	70.21	69.51	68.45	67.92	68.08	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 12+000



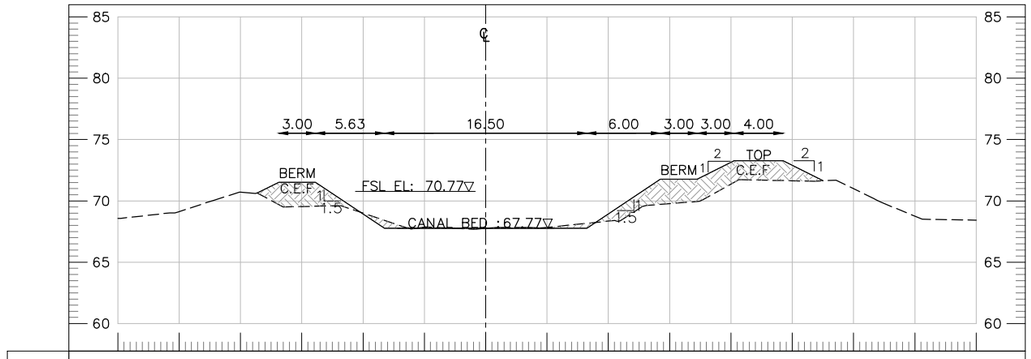
DESIGN FINISH LEVEL			69.94	71.52	71.52	67.77	67.77	67.77	71.77	71.77	73.27	73.27		69.73		
OFFSET			-20.05	-16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25		31.34		
NSL	68.58	68.76	69.94	70.49	69.03	67.85	67.81	67.80	67.93	69.44	70.37	71.24	69.87	69.41	68.30	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 12+100



DESIGN FINISH LEVEL			70.54	71.52	71.52	67.77	67.77	67.77	71.77	71.77	73.27	73.27		69.99		
OFFSET			-18.84	-16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25		30.82		
NSL	68.74	69.49	70.69	69.06	67.95	67.84	67.91	67.95	68.47	69.75	69.91	70.72	70.06	69.56	69.32	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 12+200



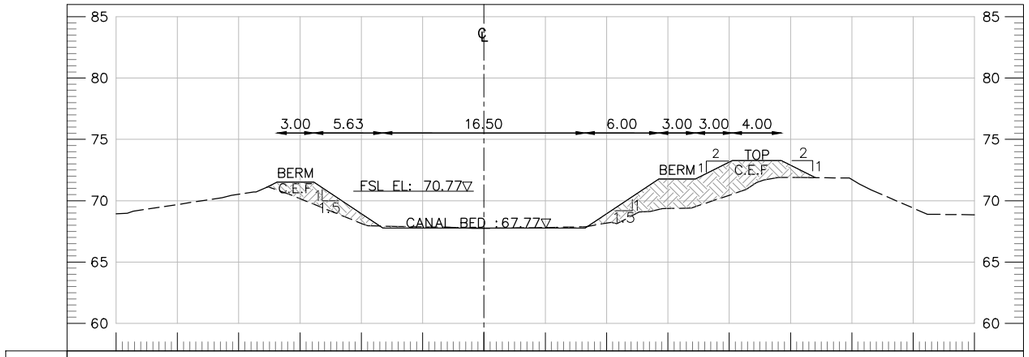
DESIGN FINISH LEVEL			70.64	71.52	71.52	67.77	67.77	67.77	71.77	71.77	73.27	73.27	71.64			
OFFSET			-18.63	-16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25	27.52			
NSL	68.58	69.13	70.71	69.54	69.00	67.87	67.76	67.84	68.35	69.77	71.36	71.64	71.00	68.75	68.44	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 12+300

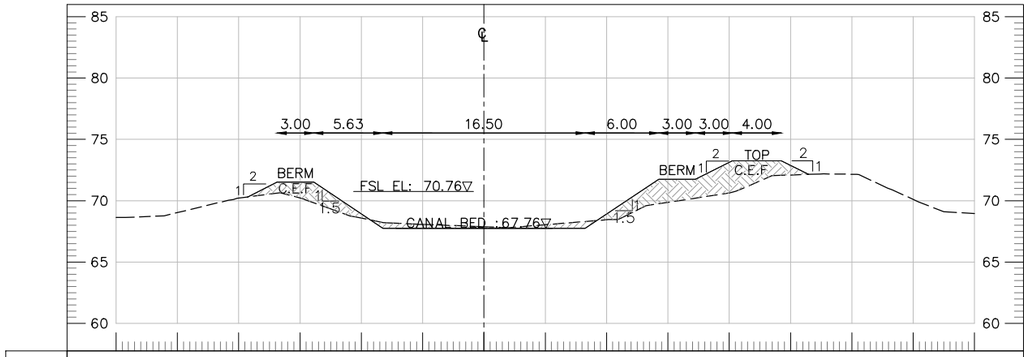
TENDER DRAWINGS

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: (RESTORATION / STRENGTHENING OF FLOOD EMBANKMENT OF MAIN RABI CANAL FROM RD 0 TO RD 100 AND RABI CANAL-II FROM RD 0 TO 22 KM (DISTRICT NASEERABAD)	DRAWING TITLE:- CROSS SECTIONS OF RABI CANAL-II	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:	1:500
FILE PATH: G:/ IFRAP		DATE:	Mar-26
DRAWING NO: IFRAP-P6/RBC-71		SHEET:-	01 OF 01

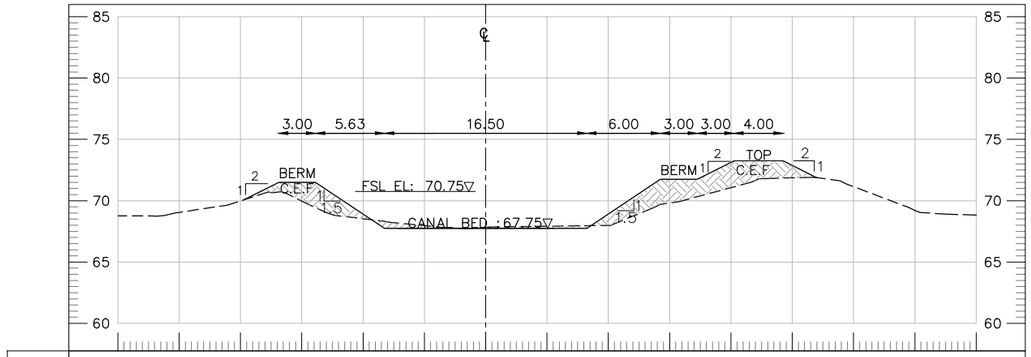

3.00 5.63 16.50 6.00 3.00 3.00 4.00
BERM
C.E.F
FSL EL: 70.77▽
CANAL BED : 67.77▽
BERM 1
TOP
C.E.F
2
1
1.5

| | | |



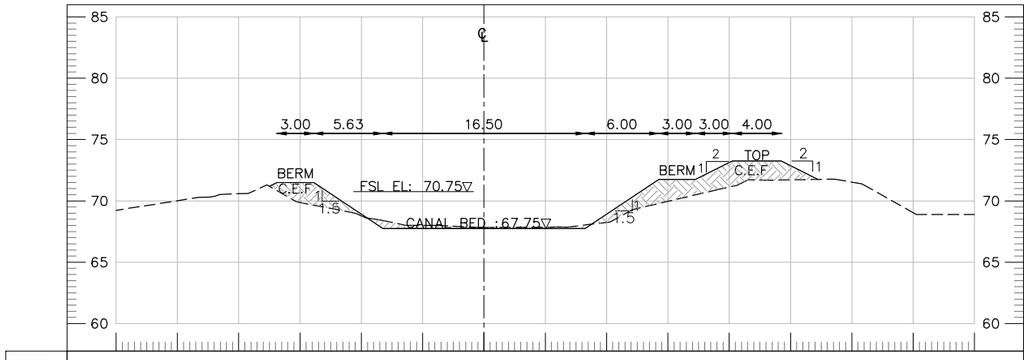
DESIGN FINISH LEVEL			70.30	71.51	71.51	67.76	67.76	67.76	71.76	71.76	73.26	73.26	72.15			
OFFSET			-19.29	-16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25	26.47			
NSL	68.64	69.03	70.20	70.22	68.59	68.07	67.88	68.04	68.45	69.87	70.63	72.09	72.16	70.10	68.95	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 12+800



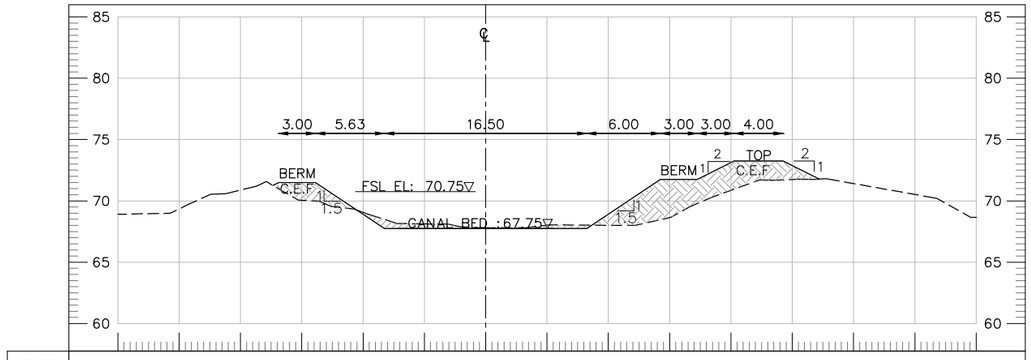
DESIGN FINISH LEVEL			70.06	71.50	71.50	67.75	67.75	67.75	71.75	71.75	73.25	73.25	71.88			
OFFSET			-19.77	-16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25	26.99			
NSL	68.76	69.05	69.98	69.96	68.53	67.96	67.84	67.92	67.98	69.81	71.06	71.86	71.14	69.21	68.83	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 12+900



DESIGN FINISH LEVEL			71.50	71.50	67.75	67.75	67.75	71.75	71.75	73.25	73.25	71.75				
OFFSET			-16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25	27.24				
NSL	69.24	70.01	70.58	69.87	68.78	68.00	67.83	67.86	68.24	69.96	71.13	71.71	71.53	69.04	68.89	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 13+000



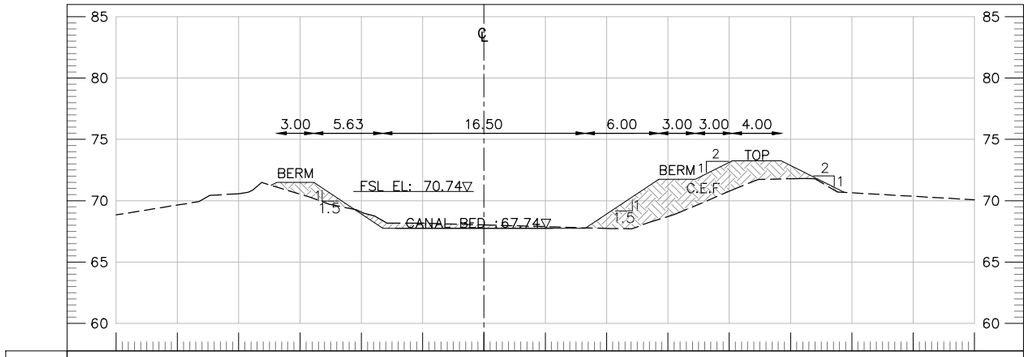
DESIGN FINISH LEVEL			71.26	71.50	67.75	67.75	67.75	71.75	71.75	73.25	73.25	71.78				
OFFSET			-17.35	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25	27.18				
NSL	68.92	69.35	70.88	70.05	69.06	68.12	67.80	68.02	68.01	68.63	70.86	71.74	71.41	70.52	68.66	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 13+100

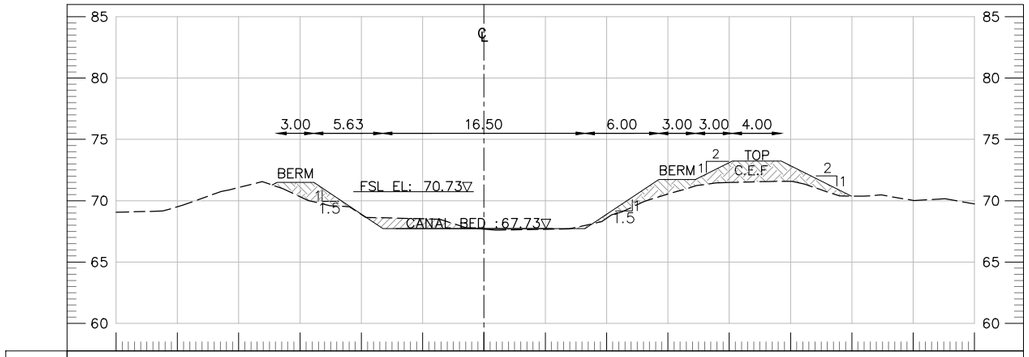
TENDER DRAWINGS

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: (RESTORATION / STRENGTHENING OF FLOOD EMBANKMENT OF MAIN RABI CANAL FROM RD 0 TO RD 100 AND RABI CANAL-II FROM RD 0 TO 22 KM (DISTRICT NASEERABAD)	DRAWING TITLE:- CROSS SECTIONS OF RABI CANAL-II	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:	1:500
FILE PATH: G:/ IFRAP		DATE:	Mar-26
DRAWING NO: IFRAP-P6/RBC-73		SHEET:-	01 OF 01

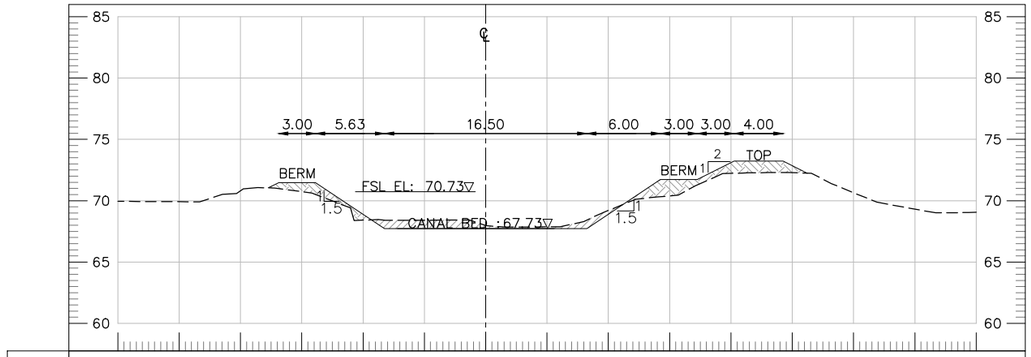

3.00 5.63 16.50 6.00 3.00 3.00 4.00
BERM
FSL EL: 70.74▽
CANAL BED : 67.74▽
BERM
TOP
C.E.F

| | | |



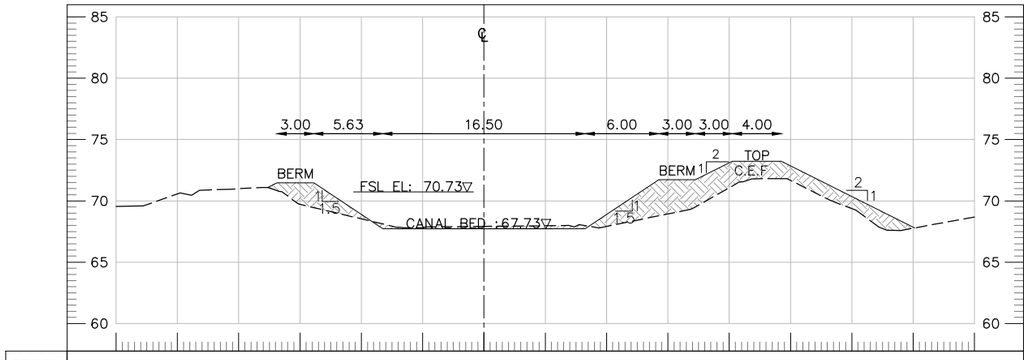
DESIGN FINISH LEVEL				71.28	71.48	67.73	67.73	67.73	71.73	71.73	73.23	73.23	70.38			
OFFSET				-17.28	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25	29.97			
NSL	69.05	69.51	71.07	70.32	68.88	68.52	67.69	67.67	68.57	70.53	71.48	71.59	70.38	70.02	69.74	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 13+600



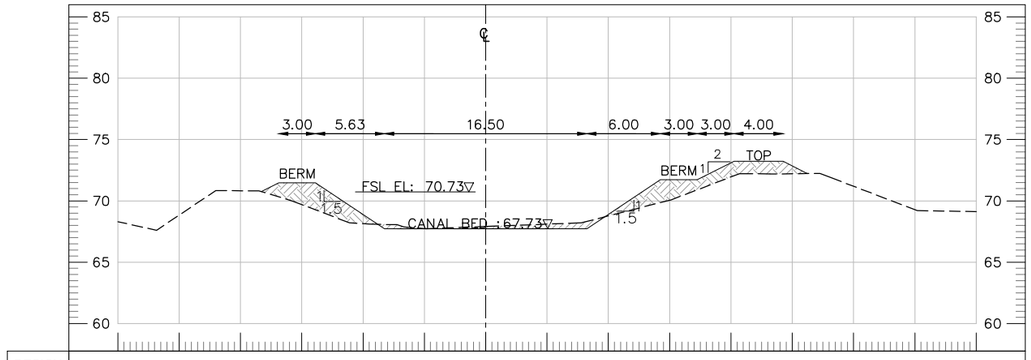
DESIGN FINISH LEVEL				71.05 71.48	71.48	67.73	67.73	67.73	71.73	71.73	73.23	73.23	72.24			
OFFSET				-17.74 -16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25	26.22			
NSL	69.94	69.92	70.80	70.74	68.41	68.41	67.99	67.87	69.21	70.39	72.23	72.29	70.65	69.32	69.06	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 13+700



DESIGN FINISH LEVEL				71.10 71.48	71.48	67.73	67.73	67.73	71.73	71.73	73.23	73.23	67.79			
OFFSET				-17.64 -16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25	35.12			
NSL	69.55	70.57	70.99	69.72	68.53	67.82	67.92	67.97	67.92	68.94	71.07	71.67	69.37	67.77	68.68	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 13+800



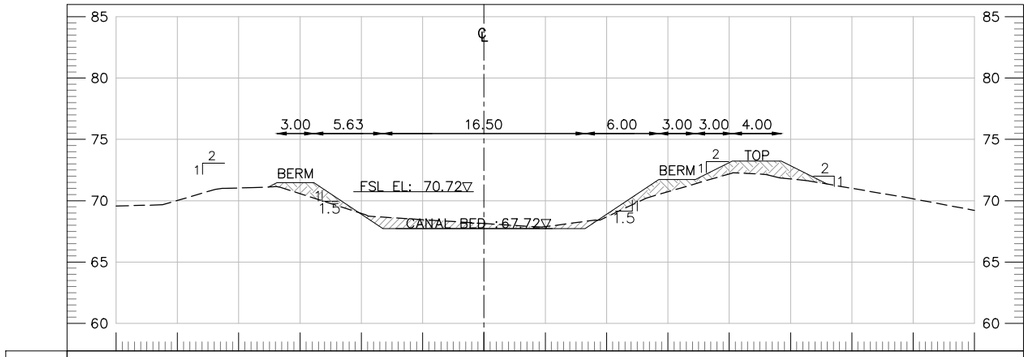
DESIGN FINISH LEVEL				70.76 71.48	71.48	67.73	67.73	67.73	71.73	71.73	73.23	73.23	72.22			
OFFSET				-18.31 -16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25	26.25			
NSL	68.31	68.84	70.83	69.70	68.15	67.74	67.92	68.10	68.78	70.06	71.95	72.21	71.19	69.28	69.13	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 13+900

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: (RESTORATION / STRENGTHENING OF FLOOD EMBANKMENT OF MAIN RABI CANAL FROM RD 0 TO RD 100 AND RABI CANAL-II FROM RD 0 TO 22 KM (DISTRICT NASEERABAD)	DRAWING TITLE:- CROSS SECTIONS OF RABI CANAL-II	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:	1:500
FILE PATH: G:/ IFRAP		DATE:	Mar-26
DRAWING NO: IFRAP-P6/RBC-75		SHEET:-	01 OF 01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BERM
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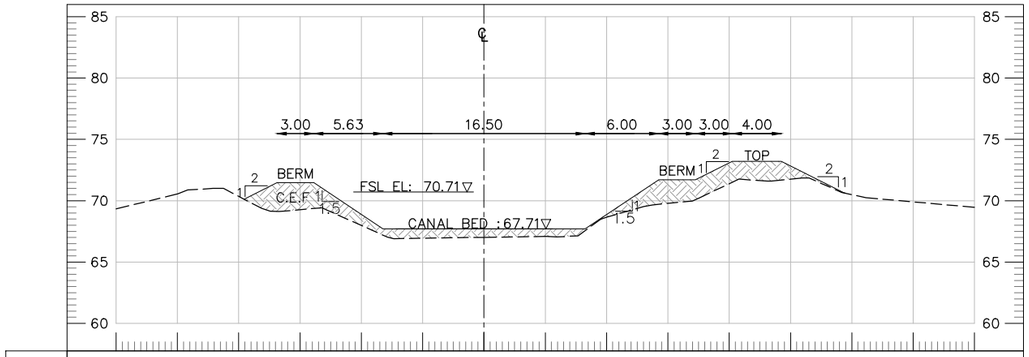
CANAL BED : 67.72▽
BERM
TOP
1.5

| | | |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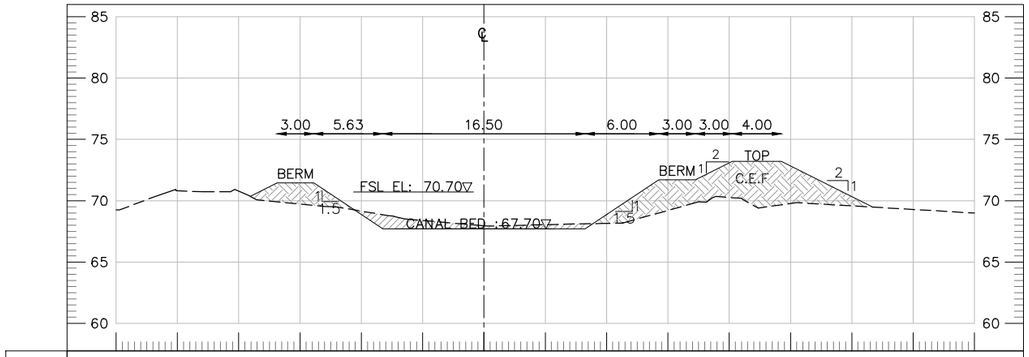
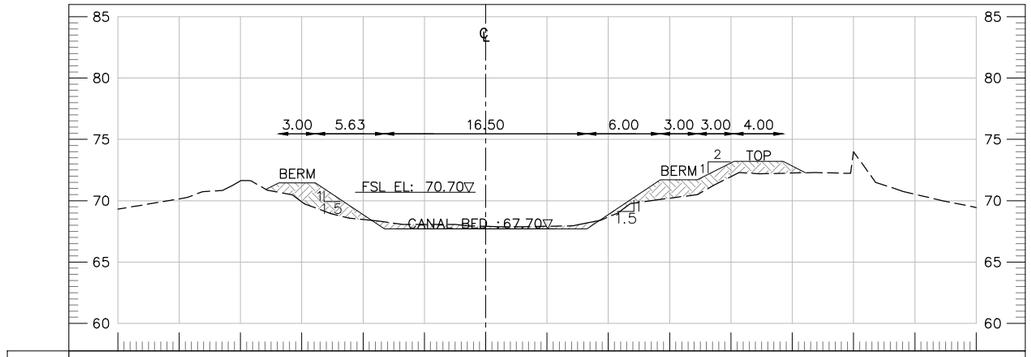
BERM
C.E.F
FSL EL: 70.71▽
CANAL BED : 67.71▽
BERM
TOP
2
1
1.5

| | | |



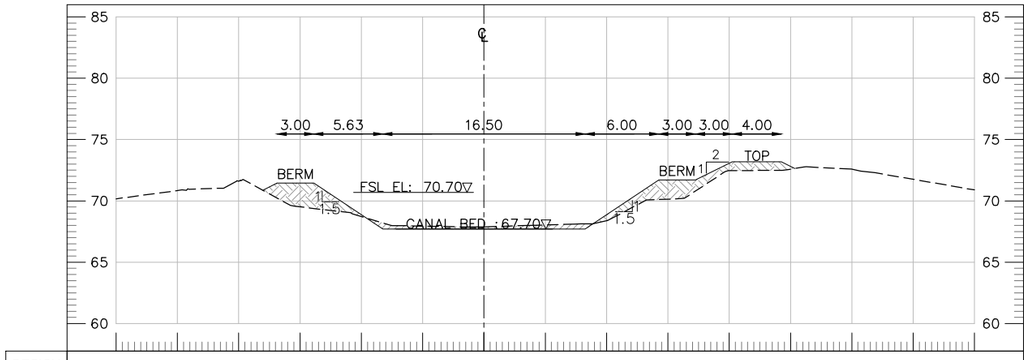
DESIGN FINISH LEVEL			70.36	71.45	71.45	67.70	67.70	67.70	71.70	71.70	73.20	73.20	69.48			
OFFSET			-19.06	-16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25	31.69			
NSL	69.24	70.82	70.78	69.73	69.15	68.39	67.95	68.04	68.16	69.21	70.27	69.78	69.58	69.29	68.99	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 14+800



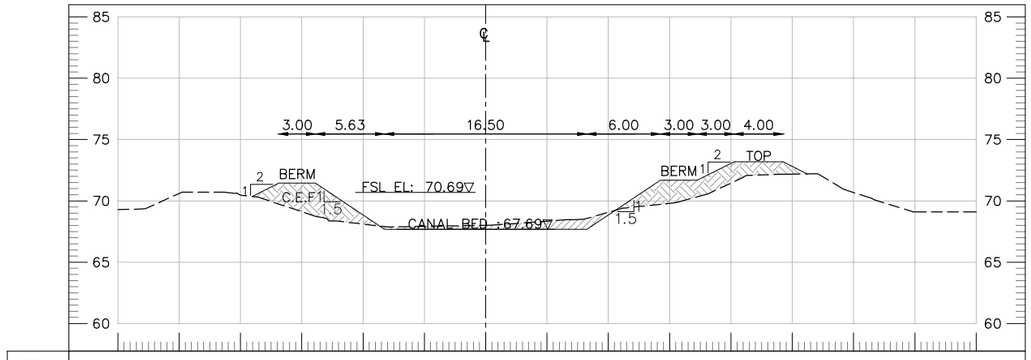
DESIGN FINISH LEVEL			70.92 71.45	71.45	67.70	67.70	67.70	71.70	71.70	73.20	73.20	72.28				
OFFSET			-17.93 -16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25	26.08				
NSL	69.31	70.15	71.61	69.91	68.46	68.07	67.91	67.92	68.68	70.20	71.97	72.26	73.99	70.53	69.45	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 14+900



DESIGN FINISH LEVEL			70.87 71.45	71.45	67.70	67.70	67.70	71.70	71.70	73.20	73.20 72.64					
OFFSET			-18.04 -16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25 25.36					
NSL	70.17	70.84	71.60	69.51	68.72	67.95	67.88	68.04	68.39	70.14	72.47	72.58	72.58	71.76	70.89	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 15+000



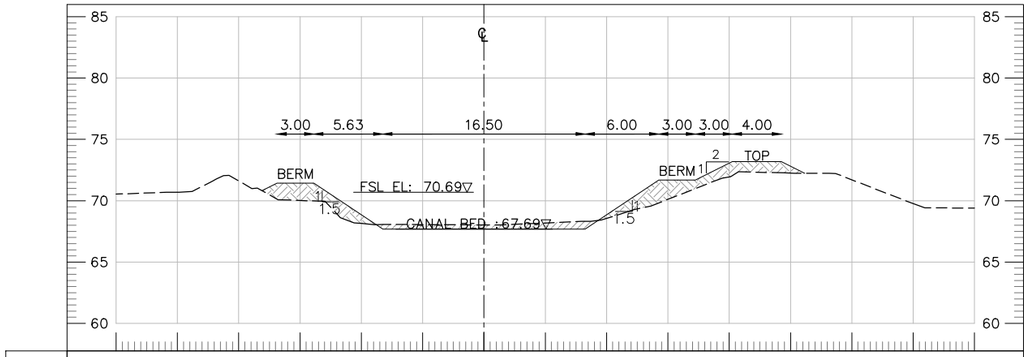
DESIGN FINISH LEVEL			70.36	71.44	71.44	67.69	67.69	67.69	71.69	71.69	73.19	73.19	72.20			
OFFSET			-19.05	-16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25	26.23			
NSL	69.28	70.61	70.47	69.12	68.11	67.93	68.01	68.35	69.07	69.80	71.45	72.17	70.69	69.10	69.09	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 15+100

TENDER DRAWINGS

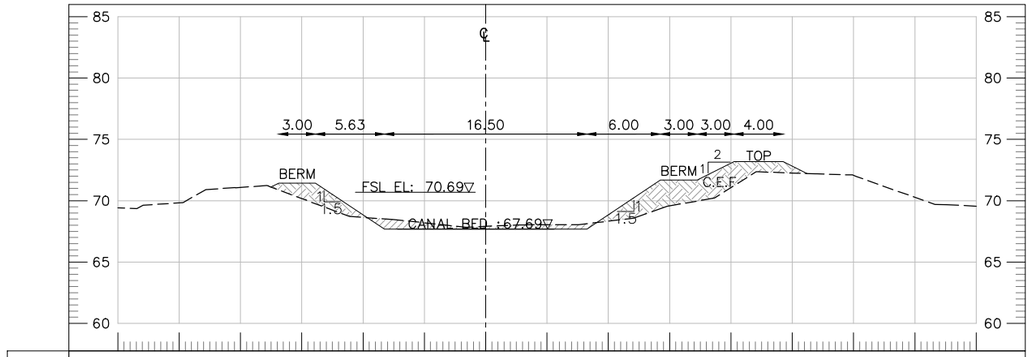
CLIENT: IRRIGATION DEPARTMENT GOVERNMENT OF BALOCHISTAN	CONSULTANTS: CAMEOS CONSULTANTS CONSULTING ENGINEERS ARCHITECTS & PLANNERS. PLOT NO.07 PARIS ARCADE STREET. NO. 36 E-11/3 MARKAZ ISLAMABAD. H. NO.38 CHAMAN HOUSING AIRPORT ROAD QUETTA.	PROJECT TITLE: INTEGRATED FLOOD RESILIENCE AND ADAPTATION PROJECT	SCHEME NAME: (RESTORATION / STRENGTHENING OF FLOOD EMBANKMENT OF MAIN RABI CANAL FROM RD 0 TO RD 100 AND RABI CANAL-II FROM RD 0 TO 22 KM (DISTRICT NASEERABAD)	DRAWING TITLE:- CROSS SECTIONS OF RABI CANAL-II	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:	1:500
FILE PATH: G:/ IFRAP		DATE:	Mar-26
DRAWING NO: IFRAP-P6/RBC-78		SHEET:-	01 OF 01



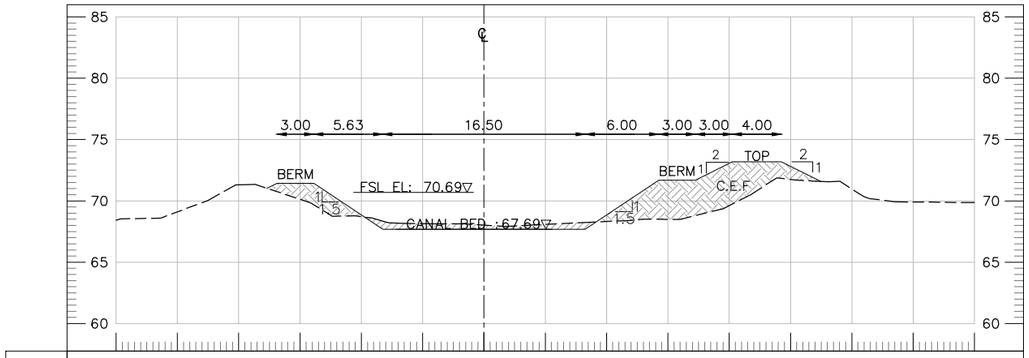
DESIGN FINISH LEVEL				70.82	71.44	71.44	67.69	67.69	67.69	71.69	71.69	73.19	73.19	72.24				
OFFSET				-18.11	-16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25	26.15				
NSL	70.53	70.69	71.61	70.02	68.15	68.05	68.03	68.19	68.56	70.11	71.94	72.25	71.71	69.76	69.40			
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00			

AT RD 15+200



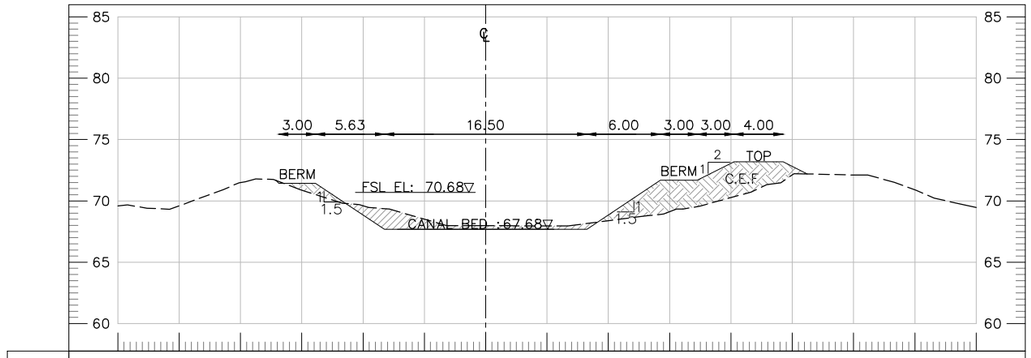
DESIGN FINISH LEVEL				71.12	71.44	71.44	67.69	67.69	67.69	71.69	71.69	73.19	73.19	72.21				
OFFSET				-17.52	-16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25	26.21				
NSL	69.43	69.83	71.09	70.17	68.64	68.20	67.91	68.04	68.33	69.59	71.06	72.25	72.06	70.27	69.56			
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00			

AT RD 15+300



DESIGN FINISH LEVEL				71.03	71.44	71.44	67.69	67.69	67.69	71.69	71.69	73.19	73.19	71.59				
OFFSET				-17.38	-16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25	27.44				
NSL	68.43	69.11	71.31	70.13	68.71	68.14	68.02	68.08	68.32	68.50	69.62	71.75	70.97	69.91	69.86			
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00			

AT RD 15+400



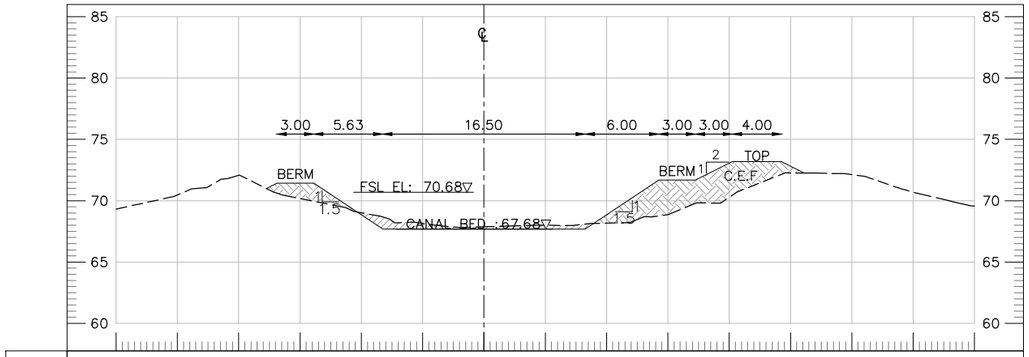
DESIGN FINISH LEVEL				71.69	71.43	67.68	67.68	67.68	67.68	71.68	71.68	73.18	73.18	72.20				
OFFSET				-17.13	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25	26.22					
NSL	69.59	69.60	71.50	70.87	69.61	68.51	67.98	67.97	68.38	69.12	70.27	72.12	72.11	70.90	69.47			
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00			

AT RD 15+500

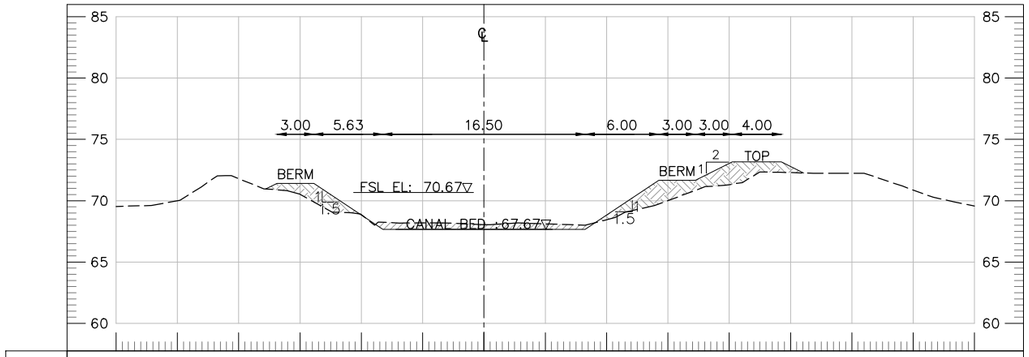
TENDER DRAWINGS

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: (RESTORATION / STRENGTHENING OF FLOOD EMBANKMENT OF MAIN RABI CANAL FROM RD 0 TO RD 100 AND RABI CANAL-II FROM RD 0 TO 22 KM (DISTRICT NASEERABAD)	DRAWING TITLE:- CROSS SECTIONS OF RABI CANAL-II	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:	1:500
FILE PATH: G:/ IFRAP		DATE:	Mar-26
DRAWING NO: IFRAP-P6/RBC-79		SHEET:-	01 OF 01


3.00 5.63 16.50 6.00 3.00 3.00 4.00
BERM
FSL EL: 70.68▽
CANAL BED : 67.68▽
BERM 1
2
TOP
C.E.F
1.5
1
1.5

| | | |


3.00 5.63 16.50 6.00 3.00 3.00 4.00
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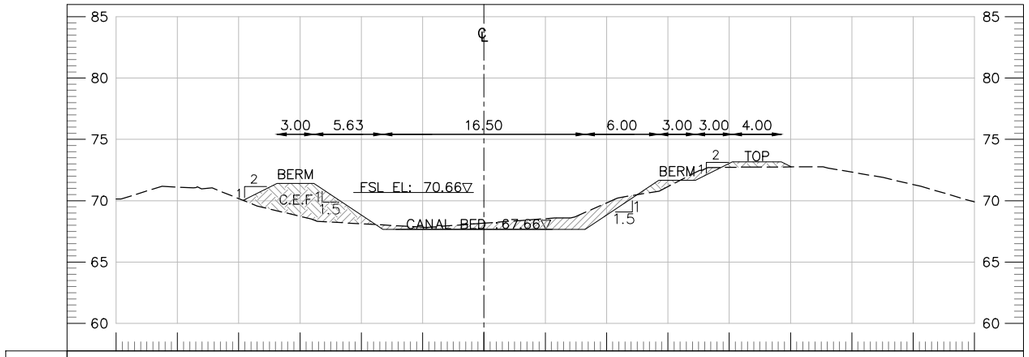
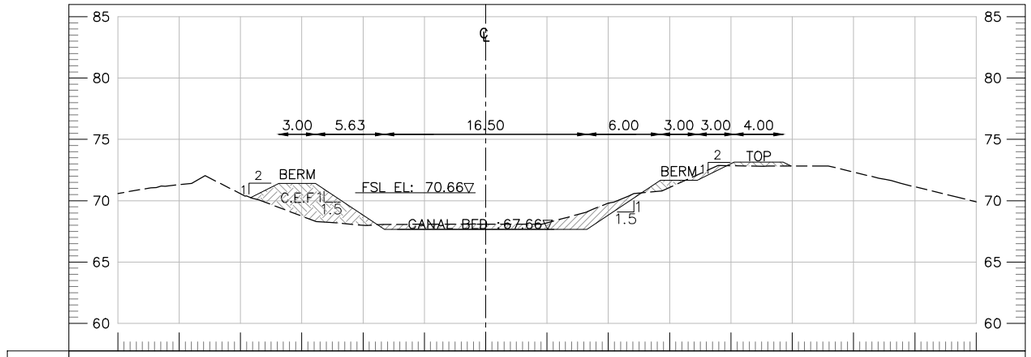
FSL EL: 70.67▽
CANAL BED :67.67▽
BERM
TOP
C.E.F
1.5

| | | |



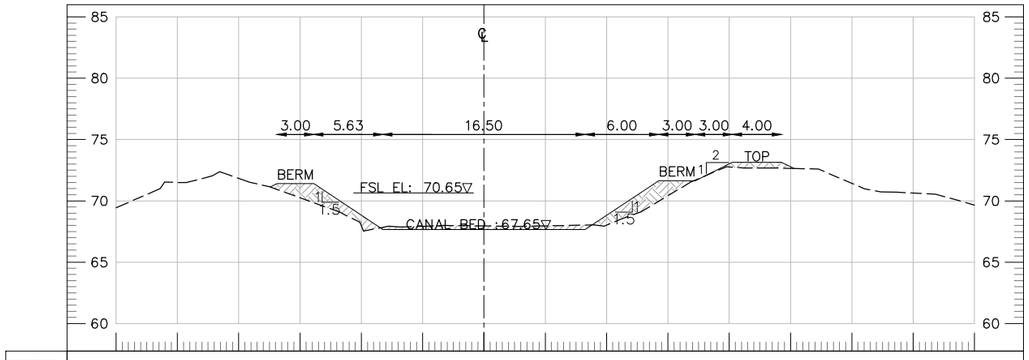
DESIGN FINISH LEVEL			70.03	71.41	71.41	67.66	67.66	67.66	71.66	71.66	73.16	73.16 72.75				
OFFSET			-19.63	-16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25 25.00				
NSL	70.14	71.11	70.18	68.73	68.12	67.84	68.17	68.53	69.83	71.14	72.72	72.75	72.33	71.32	69.90	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 16+400



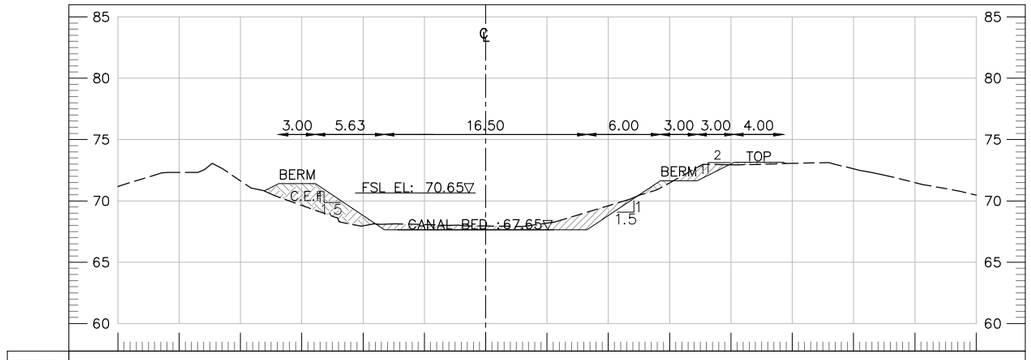
DESIGN FINISH LEVEL			70.25	71.41	71.41	67.66	67.66	67.66	71.66	71.66	73.16	73.16 72.82				
OFFSET			-19.18	-16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25 24.92				
NSL	70.59	71.31	70.57	68.75	67.99	68.08	68.08	68.20	69.80	71.08	72.85	72.82	72.33	71.13	69.92	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 16+500



DESIGN FINISH LEVEL			71.13 71.40	71.40	67.65	67.65	67.65	71.65	71.65	73.15	73.15 72.65					
OFFSET			-16.62 -16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25 25.26					
NSL	69.44	71.51	71.83	70.25	68.00	67.93	67.96	67.96	68.03	70.42	72.77	72.65	71.43	70.64	69.66	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 16+600



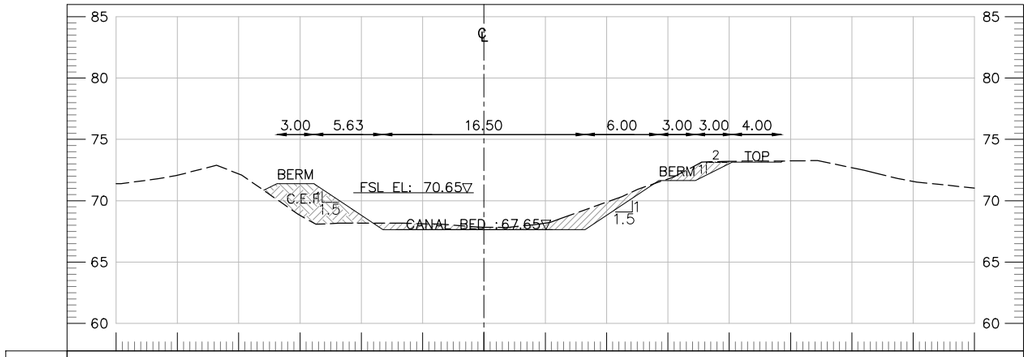
DESIGN FINISH LEVEL			70.81 71.40	71.40	67.65	67.65	67.65	71.65	71.65	73.15	73.15					
OFFSET			-18.06 -16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25					
NSL	71.19	72.33	71.63	69.63	67.96	68.06	67.95	68.19	69.60	71.46	72.94	73.06	72.61	71.49	70.47	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 16+700

TENDER DRAWINGS

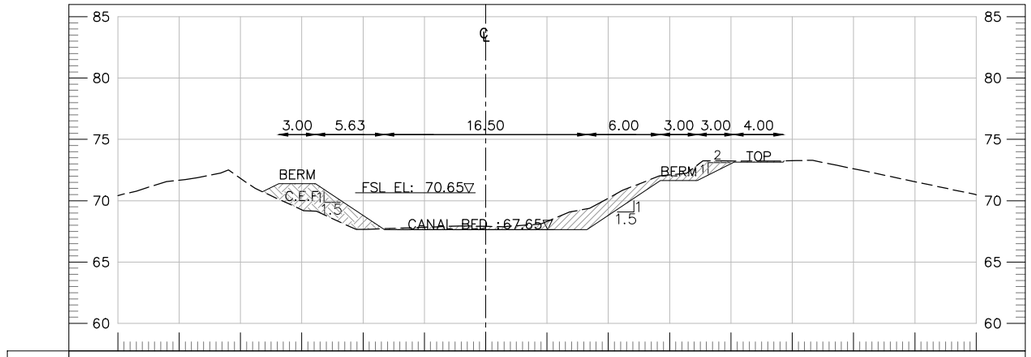
CLIENT: IRRIGATION DEPARTMENT GOVERNMENT OF BALOCHISTAN	CONSULTANTS: CAMEOS CONSULTANTS CONSULTING ENGINEERS ARCHITECTS & PLANNERS. PLOT NO.07 PARIS ARCADE STREET. NO. 36 E-11/3 MARKAZ ISLAMABAD. H. NO.38 CHAMAN HOUSING AIRPORT ROAD QUETTA.	PROJECT TITLE: INTEGRATED FLOOD RESILIENCE AND ADAPTATION PROJECT	SCHEME NAME: (RESTORATION / STRENGTHENING OF FLOOD EMBANKMENT OF MAIN RABI CANAL FROM RD 0 TO RD 100 AND RABI CANAL-II FROM RD 0 TO 22 KM (DISTRICT NASEERABAD)	DRAWING TITLE:- CROSS SECTIONS OF RABI CANAL-II	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:	1:500
FILE PATH: G:/ IFRAP		DATE:	Mar-26
DRAWING NO: IFRAP-P6/RBC-82		SHEET:-	01 OF 01



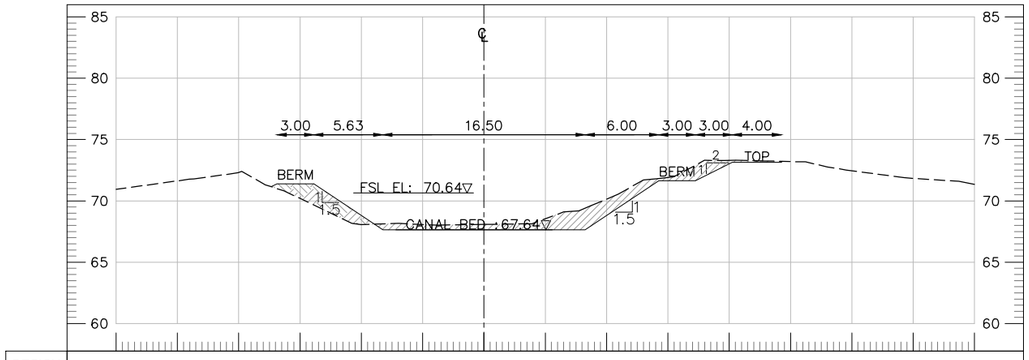
DESIGN FINISH LEVEL			70.85 71.40	71.40	67.65	67.65	67.65	71.65	71.65	73.15	73.15					
OFFSET			-17.97 -16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25					
NSL	71.39	72.07	72.19	68.81	68.17	68.12	67.84	68.17	69.89	71.77	73.22	73.24	72.69	71.58	71.03	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 16+800



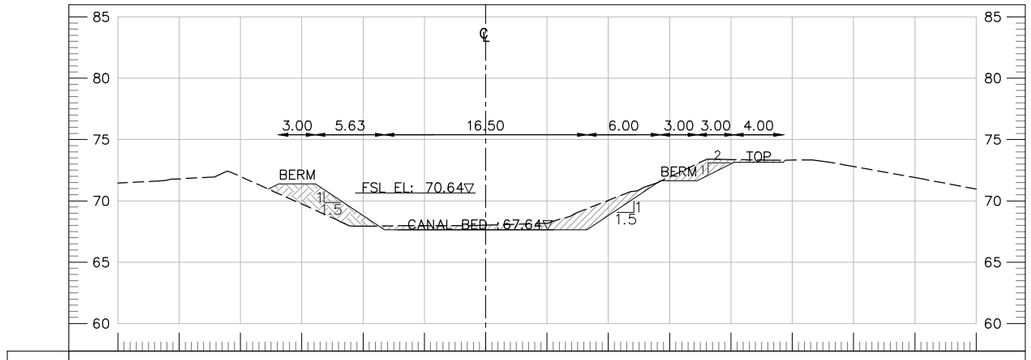
DESIGN FINISH LEVEL			70.73 71.40	71.40	67.65	67.65	67.65	71.64	71.64	73.14	73.14					
OFFSET			-18.21 -16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25					
NSL	70.42	71.67	71.83	69.26	67.67	67.84	67.91	68.31	70.21	72.10	73.24	73.26	72.60	71.55	70.48	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 16+900



DESIGN FINISH LEVEL			71.15	71.39	67.64	67.64	67.64	71.64	71.64	73.14	73.14					
OFFSET			-17.36	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25					
NSL	70.94	71.63	72.31	70.20	68.06	68.08	68.08	68.54	70.14	71.91	73.31	73.21	72.46	71.84	71.35	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 17+000



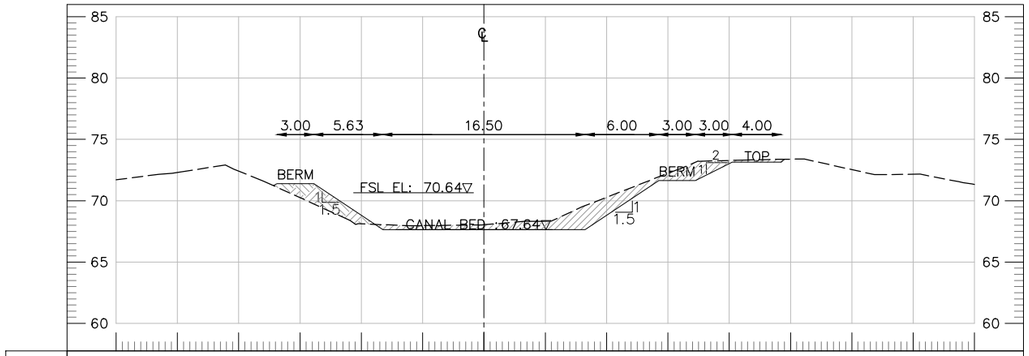
DESIGN FINISH LEVEL			70.96 71.39	71.39	67.64	67.64	67.64	71.64	71.64	73.14	73.14					
OFFSET			-17.73 -16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25					
NSL	71.45	71.79	71.98	69.74	67.93	67.99	68.02	68.17	70.04	71.96	73.36	73.33	72.80	71.91	70.96	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 17+100

TENDER DRAWINGS

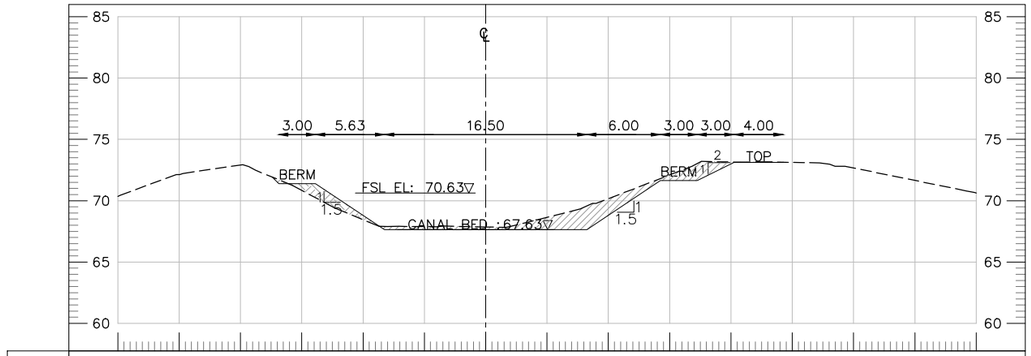
CLIENT: IRRIGATION DEPARTMENT GOVERNMENT OF BALOCHISTAN	CONSULTANTS: CAMEOS CONSULTANTS CONSULTING ENGINEERS ARCHITECTS & PLANNERS. PLOT NO.07 PARIS ARCADE STREET. NO. 36 E-11/3 MARKAZ ISLAMABAD. H. NO.38 CHAMAN HOUSING AIRPORT ROAD QUETTA.	PROJECT TITLE: INTEGRATED FLOOD RESILIENCE AND ADAPTATION PROJECT	SCHEME NAME: (RESTORATION / STRENGTHENING OF FLOOD EMBANKMENT OF MAIN RABI CANAL FROM RD 0 TO RD 100 AND RABI CANAL-II FROM RD 0 TO 22 KM (DISTRICT NASEERABAD)	DRAWING TITLE:- CROSS SECTIONS OF RABI CANAL-II	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:	1:500
FILE PATH: G:/ IFRAP		DATE:	Mar-26
DRAWING NO: IFRAP-P6/RBC-83		SHEET:-	01 OF 01



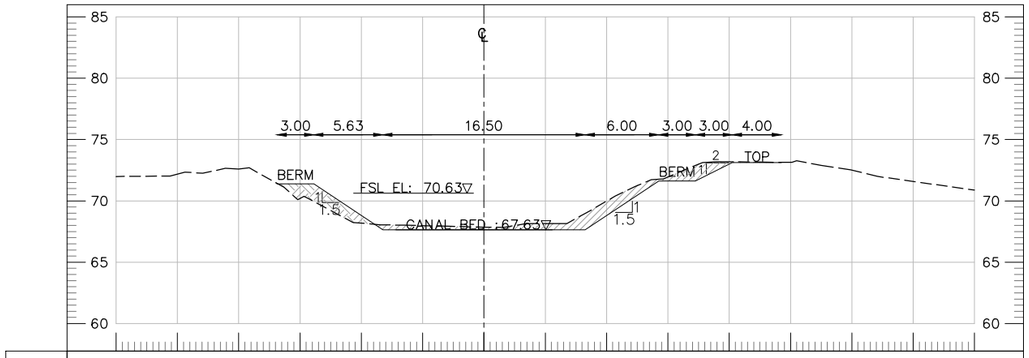
DESIGN FINISH LEVEL				71.24	71.39	67.64	67.64	67.64	71.64	71.64	73.14	73.14				
OFFSET				-17.18	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25				
NSL	71.71	72.30	72.41	70.25	68.12	67.97	68.04	68.33	70.28	72.23	73.28	73.39	72.54	72.16	71.33	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 17+200



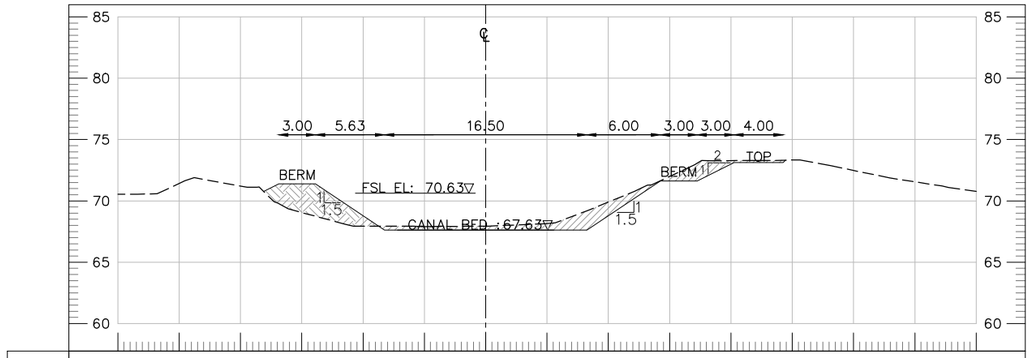
DESIGN FINISH LEVEL				71.93 71.38	71.38	67.63	67.63	67.63	71.63	71.63	73.13	73.13				
OFFSET				-17.42 -16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25				
NSL	70.36	72.13	72.92	70.85	68.46	67.89	67.86	68.65	70.16	72.10	73.16	73.12	72.67	71.65	70.62	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 17+300



DESIGN FINISH LEVEL				71.50	71.38	67.63	67.63	67.63	71.63	71.63	73.13	73.13				
OFFSET				-16.99	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25				
NSL	71.99	72.19	72.60	70.19	68.18	67.98	67.85	68.15	69.98	71.94	73.19	73.15	72.51	71.58	70.88	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 17+400



DESIGN FINISH LEVEL				70.77 71.38	71.38	67.63	67.63	67.63	71.63	71.63	73.13	73.13				
OFFSET				-18.10 -16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25				
NSL	70.53	71.42	71.21	69.05	67.94	67.90	67.94	68.16	69.91	72.00	73.28	73.33	72.48	71.55	70.77	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 17+500

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:

(RESTORATION / STRENGTHENING OF FLOOD EMBANKMENT OF MAIN RABI CANAL FROM RD 0 TO RD 100 AND RABI CANAL-II FROM RD 0 TO 22 KM (DISTRICT NASEERABAD)

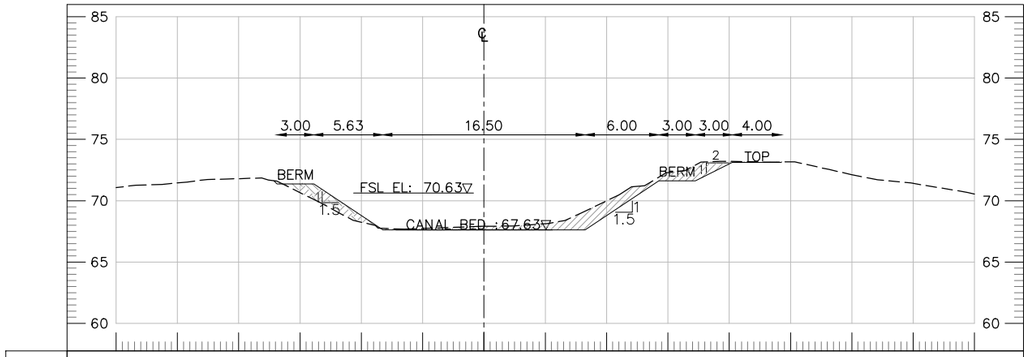
DRAWING TITLE:-

CROSS SECTIONS OF RABI CANAL-II

NOTES:

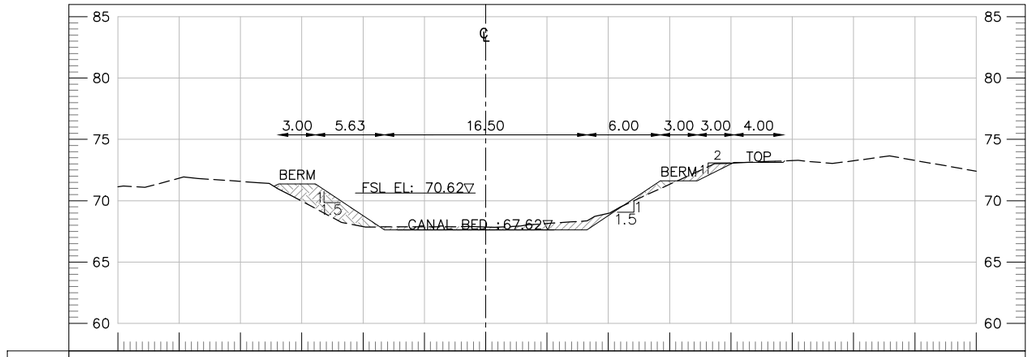
ALL LEVELS AND DIMENSIONS ARE IN METERS UNLESS INDICATED OTHERWISE.

DRAWN BY:	FAISAL / USAMA	DESIGNED BY:	KAMRAN BABAR
CHECKED BY:	ZIA-UL-HAQ	SCALE:	1:500
FILE PATH:	G:/ IFRAP	DATE:	**Mar-26**
DRAWING NO:	IFRAP-P6/RBC-84	SHEET:-	01 OF 01



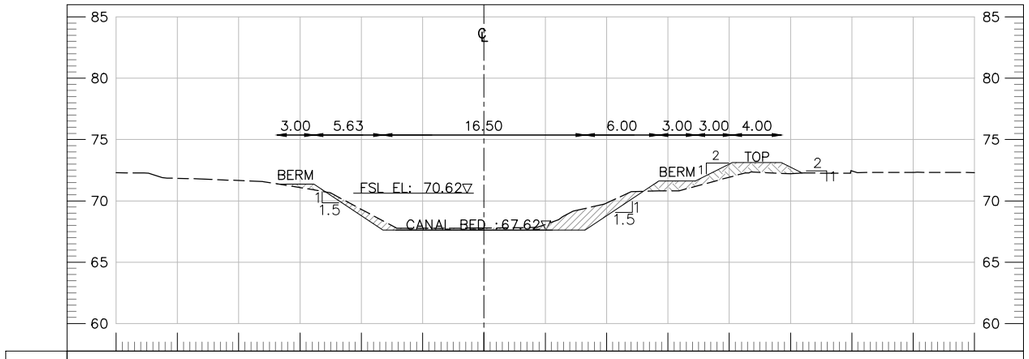
DESIGN FINISH LEVEL				71.63	71.38	67.63	67.63	67.63	71.63	71.63	73.13	73.13				
OFFSET				-17.13	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25				
NSL	71.06	71.45	71.80	70.66	68.25	67.73	67.91	68.13	70.00	72.29	73.20	73.16	72.12	71.41	70.54	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 17+600



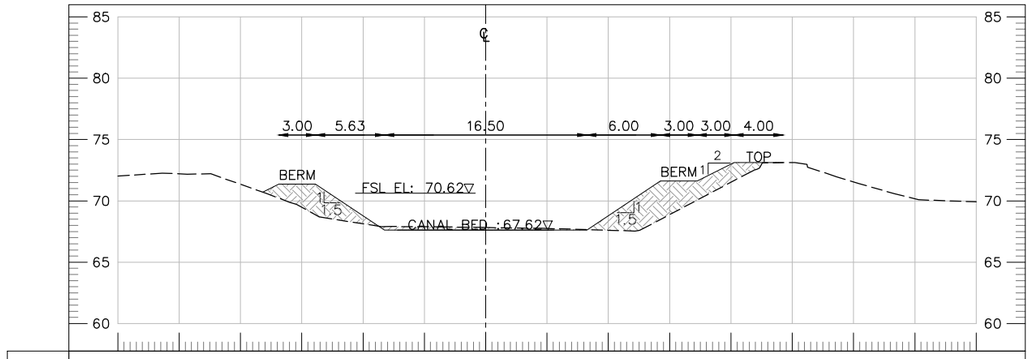
DESIGN FINISH LEVEL				71.17	71.37	67.62	67.62	67.62	71.62	71.62	73.12	73.12				
OFFSET				-17.28	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25				
NSL	71.14	71.84	71.57	69.96	67.90	67.88	67.86	68.14	68.97	71.34	73.06	73.27	73.26	73.28	72.41	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 17+700



DESIGN FINISH LEVEL				71.39	71.37	67.62	67.62	67.62	71.62	71.62	73.12	73.12	72.27			
OFFSET				-16.90	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25	25.95			
NSL	72.29	71.84	71.66	71.08	69.31	67.77	67.79	68.08	69.83	70.82	71.93	72.21	72.44	72.32	72.31	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 17+800



DESIGN FINISH LEVEL				70.72	71.37	67.62	67.62	67.62	71.62	71.62	73.12	73.12				
OFFSET				-18.18	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25				
NSL	72.03	72.20	71.36	69.48	68.13	67.89	67.83	67.75	67.61	68.88	71.52	73.12	71.55	70.17	69.92	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 17+900

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:

(RESTORATION / STRENGTHENING OF FLOOD EMBANKMENT OF MAIN RABI CANAL FROM RD 0 TO RD 100 AND RABI CANAL-II FROM RD 0 TO 22 KM (DISTRICT NASEERABAD)

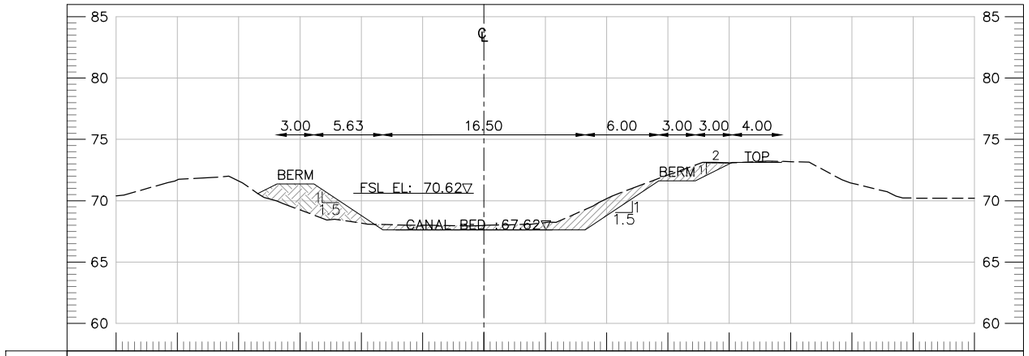
DRAWING TITLE:-

CROSS SECTIONS OF RABI CANAL-II

NOTES:

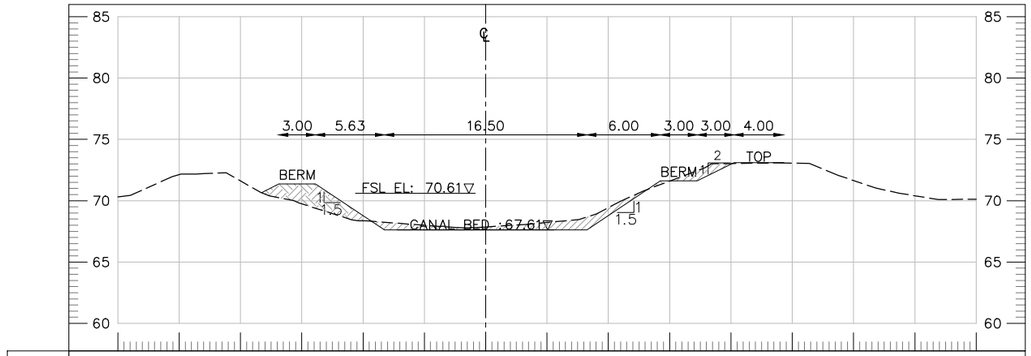
ALL LEVELS AND DIMENSIONS ARE IN METERS UNLESS INDICATED OTHERWISE.

DRAWN BY:	FAISAL / USAMA	DESIGNED BY:	KAMRAN BABAR
CHECKED BY:	ZIA-UL-HAQ	SCALE:	1:500
FILE PATH:	G:/ IFRAP	DATE:	**Mar-26**
DRAWING NO:	IFRAP-P6/RBC-85	SHEET:-	01 OF 01



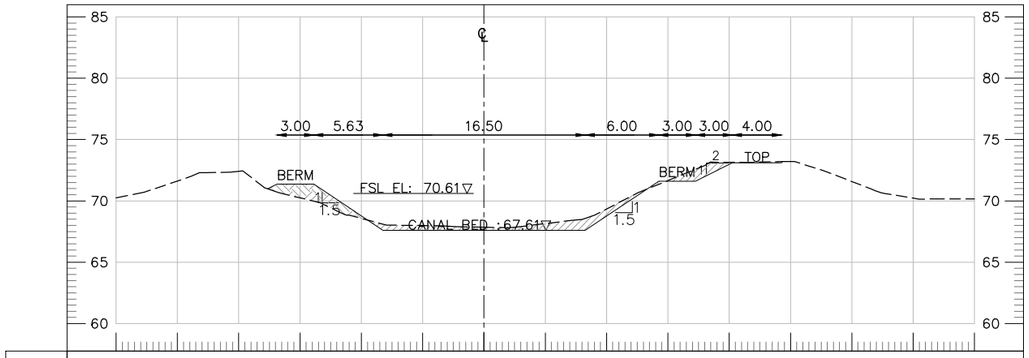
DESIGN FINISH LEVEL			70.59	71.37	71.37	67.62	67.62	67.62	71.62	71.62	73.12	73.12				
OFFSET			-18.43	-16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25				
NSL	70.40	71.70	71.61	69.25	68.17	68.00	67.98	68.23	70.17	72.09	73.08	73.18	71.43	70.22	70.19	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 18+000



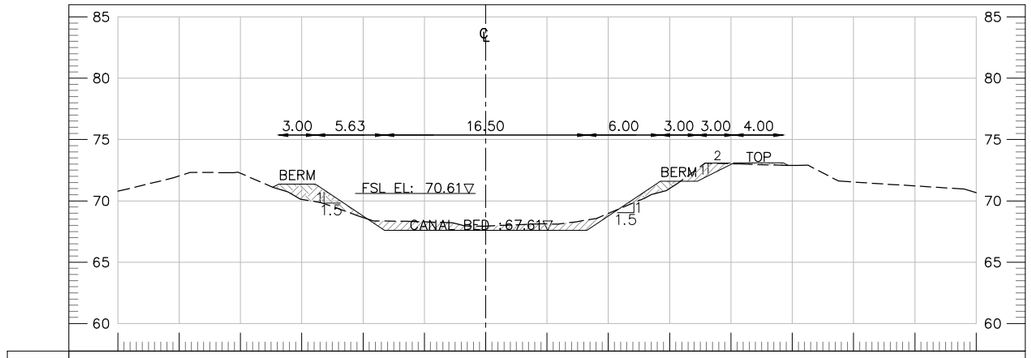
DESIGN FINISH LEVEL			70.65	71.36	71.36	67.61	67.61	67.61	71.61	71.61	73.11	73.11				
OFFSET			-18.29	-16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25				
NSL	70.31	72.12	71.61	69.74	68.36	68.00	67.86	68.22	69.44	71.60	73.03	73.06	71.64	70.40	70.12	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 18+100



DESIGN FINISH LEVEL			70.98	71.36	71.36	67.61	67.61	67.61	71.61	71.61	73.11	73.11				
OFFSET			-16.83	-16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25				
NSL	70.25	71.62	72.40	70.25	68.57	67.99	67.86	68.15	69.35	71.66	73.14	73.22	71.58	70.22	70.17	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 18+200



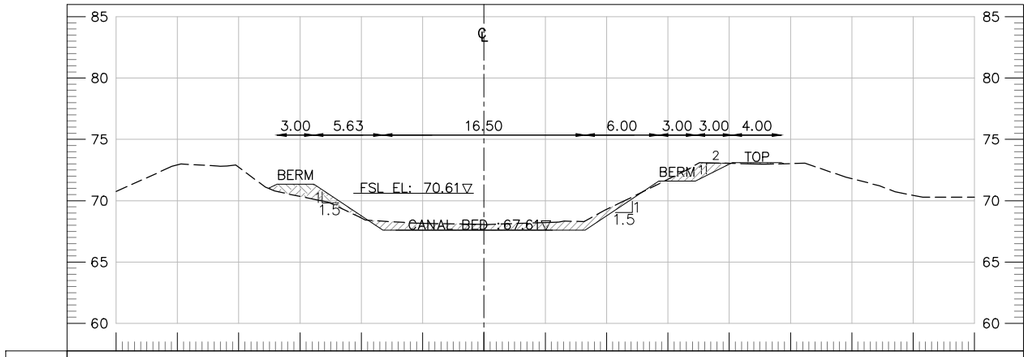
DESIGN FINISH LEVEL			71.11	71.36	67.61	67.61	67.61	71.61	71.61	73.11	73.11					
OFFSET			-17.37	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25					
NSL	70.79	72.03	72.25	70.12	68.64	68.29	67.94	68.13	68.98	71.01	73.03	72.89	71.54	71.22	70.67	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 18+300

TENDER DRAWINGS

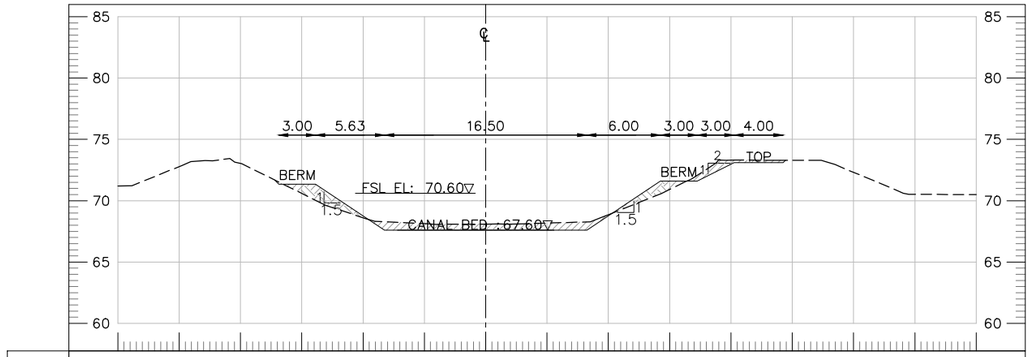
CLIENT: IRRIGATION DEPARTMENT GOVERNMENT OF BALOCHISTAN	CONSULTANTS: CAMEOS CONSULTANTS CONSULTING ENGINEERS ARCHITECTS & PLANNERS. PLOT NO.07 PARIS ARCADE STREET. NO. 36 E-11/3 MARKAZ ISLAMABAD. H. NO.38 CHAMAN HOUSING AIRPORT ROAD QUETTA.	PROJECT TITLE: INTEGRATED FLOOD RESILIENCE AND ADAPTATION PROJECT	SCHEME NAME: (RESTORATION / STRENGTHENING OF FLOOD EMBANKMENT OF MAIN RABI CANAL FROM RD 0 TO RD 100 AND RABI CANAL-II FROM RD 0 TO 22 KM (DISTRICT NASEERABAD)	DRAWING TITLE:- CROSS SECTIONS OF RABI CANAL-II	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:	1:500
FILE PATH: G:/ IFRAP		DATE:	Mar-26
DRAWING NO: IFRAP-P6/RBC-86		SHEET:-	01 OF 01



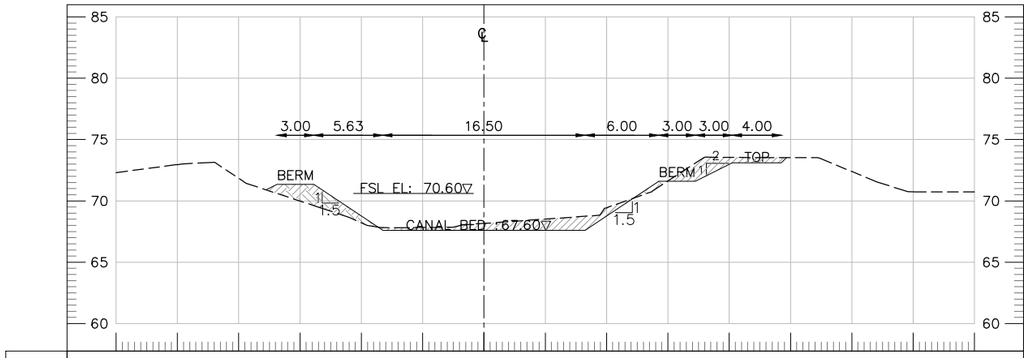
DESIGN FINISH LEVEL				71.01 71.36	71.36	67.61	67.61	67.61	71.60	71.60	73.10	73.10				
OFFSET				-17.58 -16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25				
NSL	70.75	72.92	72.73		70.35	68.59	68.16	68.06	68.22	69.30	71.74	73.04	73.02	71.80	70.44	70.29
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 18+400



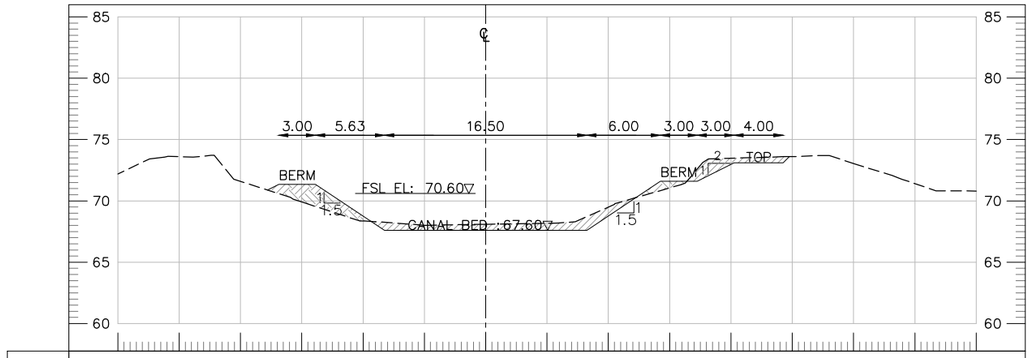
DESIGN FINISH LEVEL					71.69	71.35	67.60	67.60	67.60	71.60	71.60	73.10	73.10			
OFFSET					-17.21	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25			
NSL	71.20	72.78	73.04	70.59	68.60	68.13	68.10	68.18	68.85	70.93	73.31	73.29	72.31	70.52	70.50	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 18+500



DESIGN FINISH LEVEL				70.90 71.35	71.35	67.60	67.60	67.60	71.60	71.60	73.10	73.10				
OFFSET				-17.77 -16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25				
NSL	72.30	72.96	71.84	69.99	68.21	67.83	68.16	68.52	69.44	71.63	73.55	73.53	72.39	70.74	70.74	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 18+600



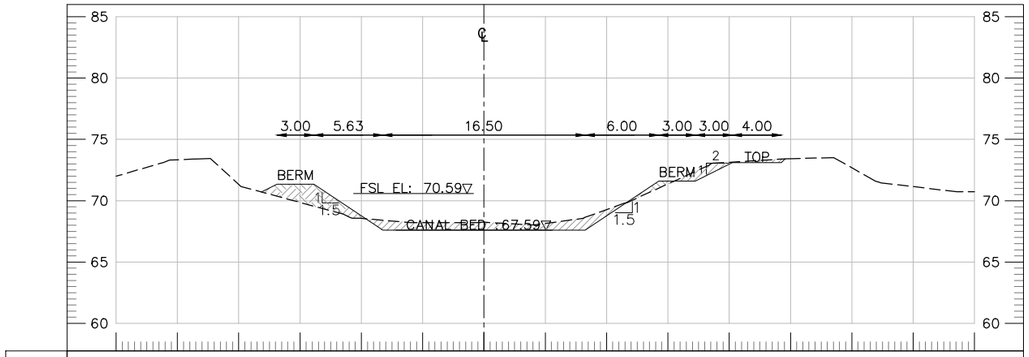
DESIGN FINISH LEVEL				70.89 71.35	71.35	67.60	67.60	67.60	71.60	71.60	73.10	73.10				
OFFSET				-17.80 -16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25				
NSL	72.19	73.60	71.59	69.91	68.37	68.02	68.09	68.18	69.49	71.06	73.47	73.61	73.04	71.40	70.81	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 18+700

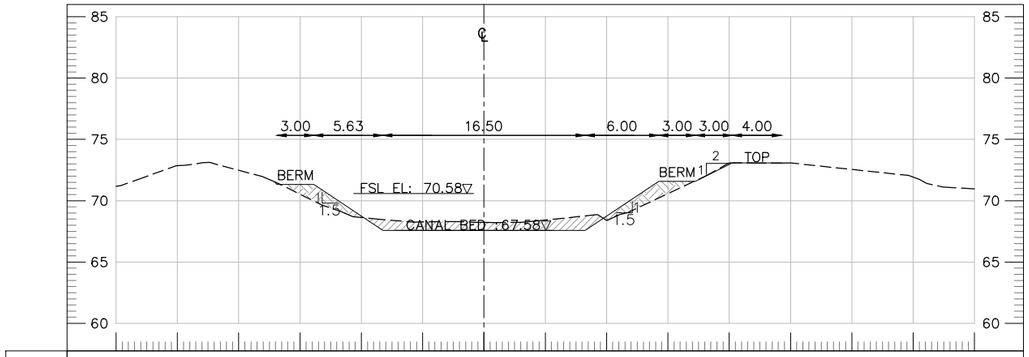
TENDER DRAWINGS

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: (RESTORATION / STRENGTHENING OF FLOOD EMBANKMENT OF MAIN RABI CANAL FROM RD 0 TO RD 100 AND RABI CANAL-II FROM RD 0 TO 22 KM (DISTRICT NASEERABAD)	DRAWING TITLE:- CROSS SECTIONS OF RABI CANAL-II	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:	1:500
FILE PATH: G:/ IFRAP		DATE:	Mar-26
DRAWING NO: IFRAP-P6/RBC-87		SHEET:-	01 OF 01

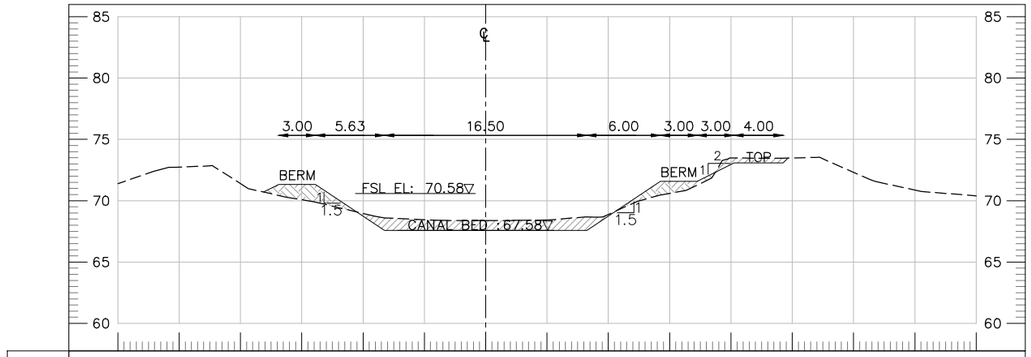

3.00 5.63 16.50 6.00 3.00 3.00 4.00
BERM
FSL EL: 70.59▽
CANAL BED : 67.59▽
BERM
TOP
1.5
1.5

| | | |



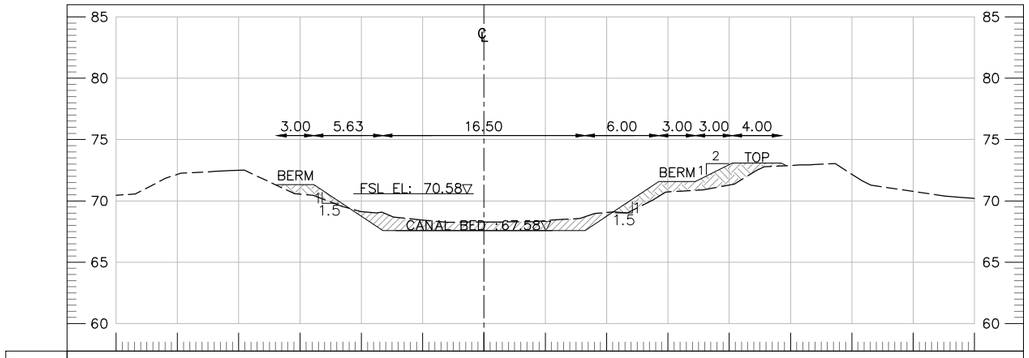
DESIGN FINISH LEVEL				71.56	71.33	67.58	67.58	67.58	71.58	71.58	73.08	73.08				
OFFSET				-17.10	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25				
NSL	71.17	72.85	72.48	70.53	68.63	68.27	68.22	68.43	68.40	70.57	73.08	73.08	72.55	71.92	70.97	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 19+200



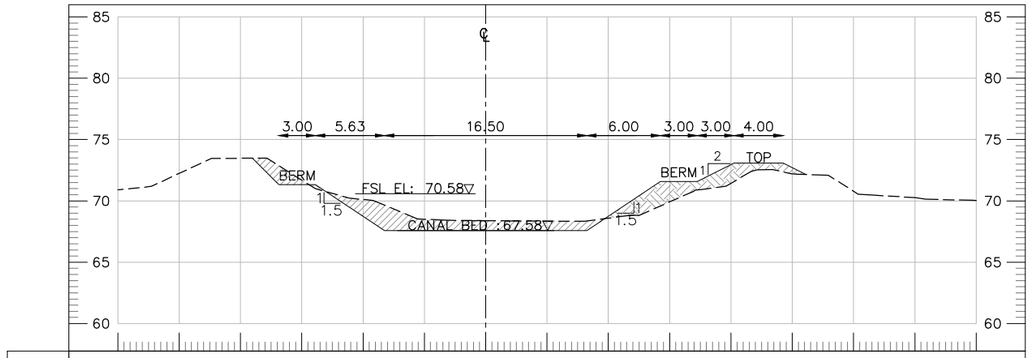
DESIGN FINISH LEVEL				70.71 71.33	71.33	67.58	67.58	67.58	71.58	71.58	73.08	73.08				
OFFSET				-18.12 -16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25				
NSL	71.39	72.73	71.40	70.08	68.96	68.45	68.37	68.42	68.88	70.60	73.48	73.48	72.31	70.86	70.40	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 19+300



DESIGN FINISH LEVEL				71.29	71.33	67.58	67.58	67.58	71.58	71.58	73.08	73.08				
OFFSET				-16.95	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25				
NSL	70.47	72.17	72.49	70.54	69.13	68.44	68.28	68.39	69.05	70.73	71.29	72.89	72.17	70.77	70.19	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 19+400



DESIGN FINISH LEVEL				73.48	71.33	71.33	67.58	67.58	67.58	71.58	71.58	73.08	73.08 72.15			
OFFSET				-19.03	-16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25 26.11			
NSL	70.89	72.24	73.48	71.69	70.12	68.50	68.39	68.35	68.59	69.92	71.42	72.20	70.79	70.26	70.03	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 19+500

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:

(RESTORATION / STRENGTHENING OF FLOOD EMBANKMENT OF MAIN RABI CANAL FROM RD 0 TO RD 100 AND RABI CANAL-II FROM RD 0 TO 22 KM (DISTRICT NASEERABAD)

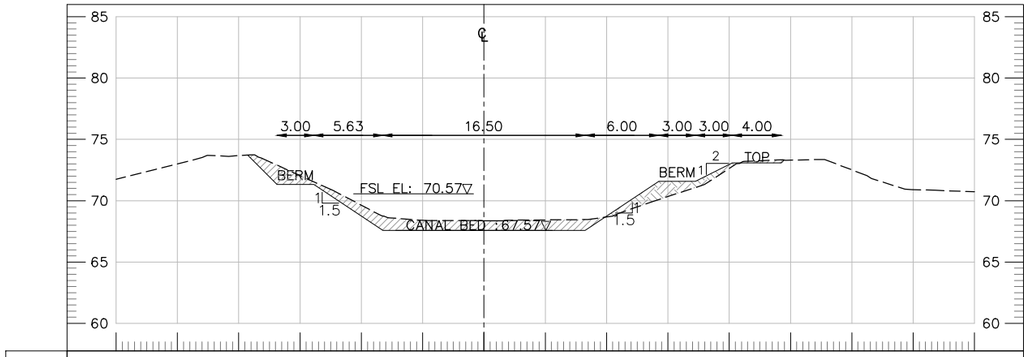
DRAWING TITLE:-

CROSS SECTIONS OF RABI CANAL-II

NOTES:

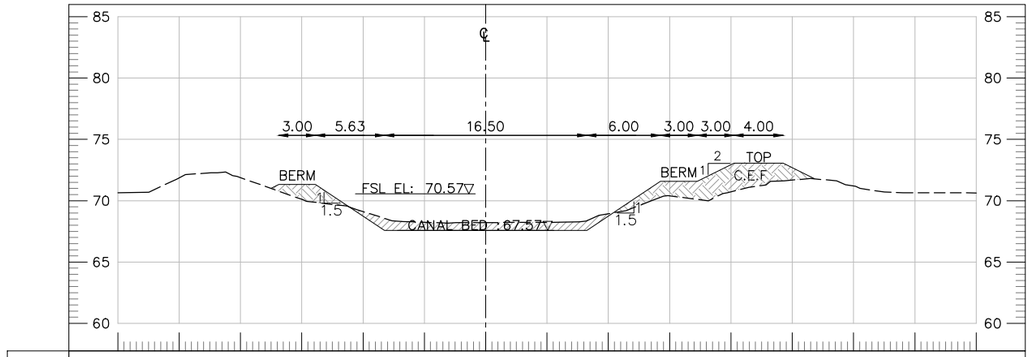
ALL LEVELS AND DIMENSIONS ARE IN METERS UNLESS INDICATED OTHERWISE.

DRAWN BY:	FAISAL / USAMA	DESIGNED BY:	KAMRAN BABAR
CHECKED BY:	ZIA-UL-HAQ	SCALE:	1:500
FILE PATH:	G:/ IFRAP	DATE:	**Mar-26**
DRAWING NO:	IFRAP-P6/RBC-89	SHEET:-	01 OF 01



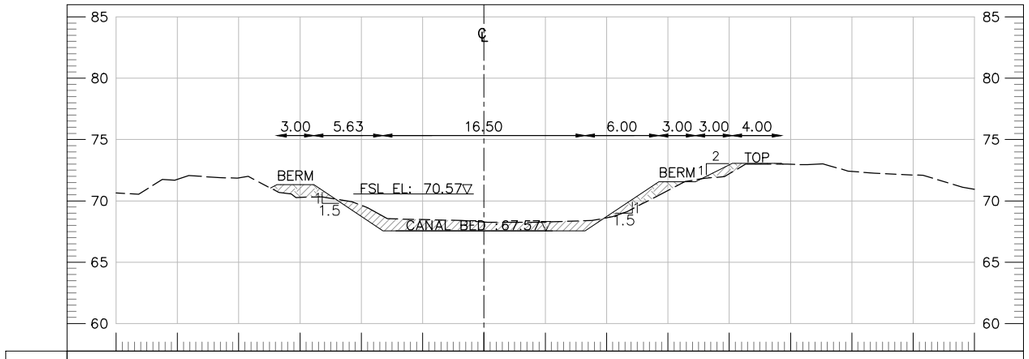
DESIGN FINISH LEVEL			73.72	71.32	71.32	67.57	67.57	67.57	71.57	71.57	73.07	73.07				
OFFSET			-19.27	-16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25				
NSL	71.74	73.00	73.67	72.05	69.63	68.39	68.37	68.43	68.68	70.34	72.62	73.30	72.51	70.90	70.73	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 19+600



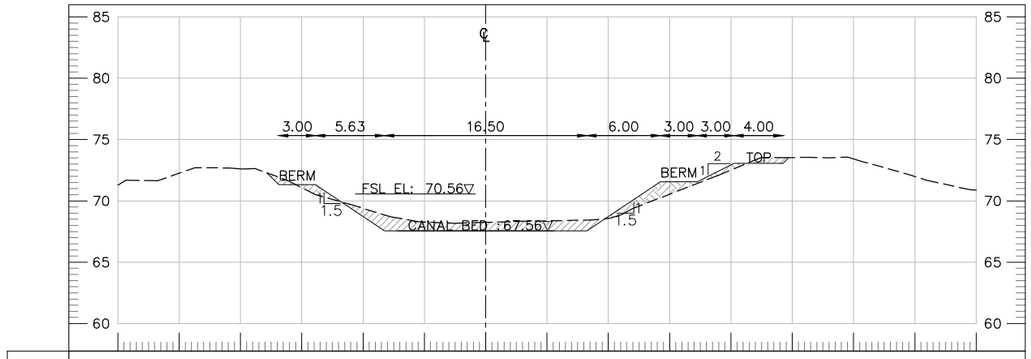
DESIGN FINISH LEVEL			71.00	71.32	71.32	67.57	67.57	67.57	71.57	71.57	73.07	73.07	71.78			
OFFSET			-17.51	-16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25	26.82			
NSL	70.66	71.86	71.88	70.11	69.11	68.24	68.22	68.24	68.94	70.39	70.73	71.68	71.19	70.65	70.64	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 19+700



DESIGN FINISH LEVEL			71.95	71.32	71.32	67.57	67.57	67.57	71.57	71.57	73.07	73.07				
OFFSET			-17.42	-16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25				
NSL	70.65	71.76	71.87	70.29	69.64	68.48	68.28	68.28	68.63	70.84	72.21	72.98	72.41	72.11	70.94	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 19+800



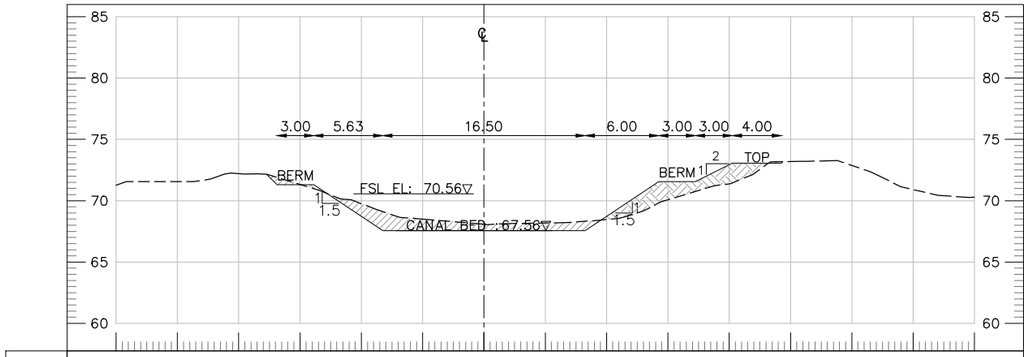
DESIGN FINISH LEVEL			72.28	71.31	71.31	67.56	67.56	67.56	71.56	71.56	73.06	73.06				
OFFSET			-17.84	-16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25				
NSL	71.27	72.25	72.62	71.08	69.39	68.29	68.25	68.37	68.57	70.55	72.51	73.53	73.42	71.99	70.89	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 19+900

TENDER DRAWINGS

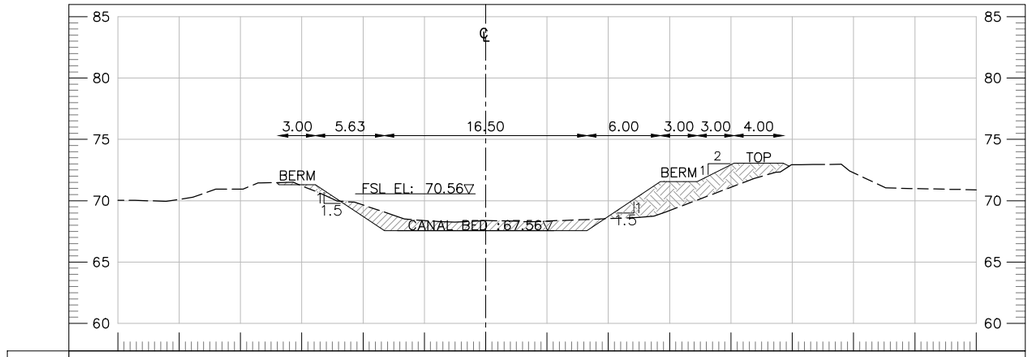
CLIENT: IRRIGATION DEPARTMENT GOVERNMENT OF BALOCHISTAN	CONSULTANTS: CAMEOS CONSULTANTS CONSULTING ENGINEERS ARCHITECTS & PLANNERS. PLOT NO.07 PARIS ARCADE STREET. NO. 36 E-11/3 MARKAZ ISLAMABAD. H. NO.38 CHAMAN HOUSING AIRPORT ROAD QUETTA.	PROJECT TITLE: INTEGRATED FLOOD RESILIENCE AND ADAPTATION PROJECT	SCHEME NAME: (RESTORATION / STRENGTHENING OF FLOOD EMBANKMENT OF MAIN RABI CANAL FROM RD 0 TO RD 100 AND RABI CANAL-II FROM RD 0 TO 22 KM (DISTRICT NASEERABAD)	DRAWING TITLE:- CROSS SECTIONS OF RABI CANAL-II	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:	1:500
FILE PATH: G:/ IFRAP		DATE:	Mar-26
DRAWING NO: IFRAP-P6/RBC-90		SHEET:-	01 OF 01



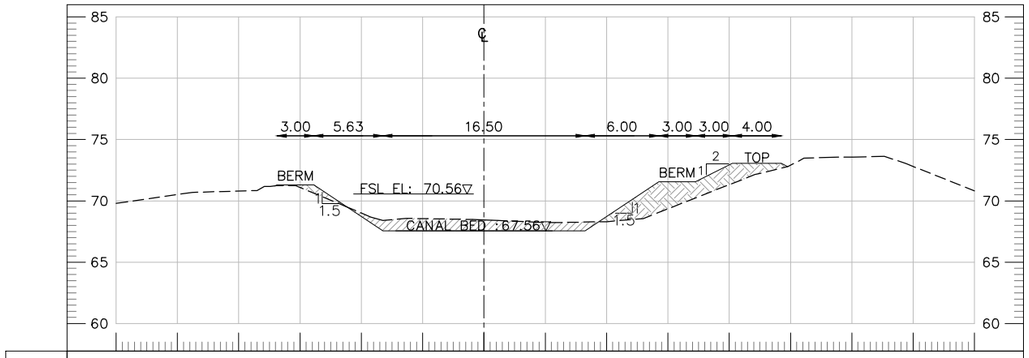
DESIGN FINISH LEVEL				72.15 71.31	71.31	67.56	67.56	67.56	71.56	71.56	73.06	73.06				
OFFSET				-17.71 -16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25				
NSL	71.27	71.56	72.20	71.32	69.75	68.50	68.08	68.18	68.47	70.08	71.38	73.19	72.87	70.90	70.28	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 20+000



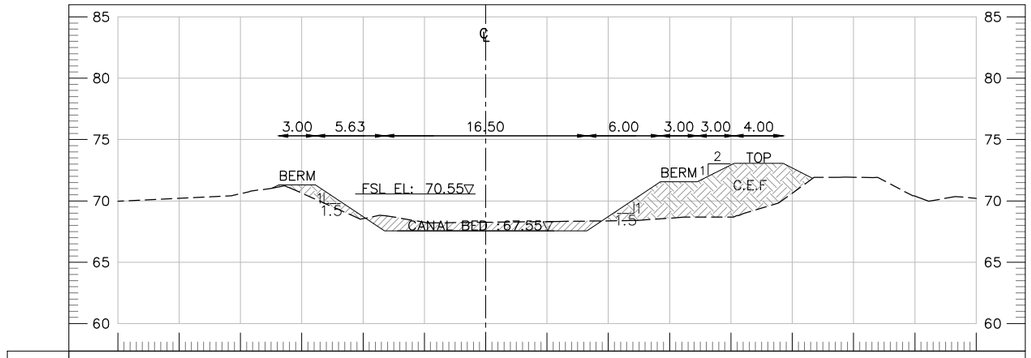
DESIGN FINISH LEVEL				71.48	71.31	67.56	67.56	67.56	71.56	71.56	73.06	73.06 72.87				
OFFSET				-17.04	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25 24.98				
NSL	70.03	70.11	70.95	71.22	69.65	68.39	68.38	68.34	68.54	69.21	71.10	72.92	72.28	70.99	70.89	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 20+100



DESIGN FINISH LEVEL				71.22	71.31	67.56	67.56	67.56	71.56	71.56	73.06	73.06 72.79				
OFFSET				-17.05	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25 24.79				
NSL	69.79	70.52	70.80	71.09	69.01	68.55	68.45	68.25	68.31	69.35	71.32	72.91	73.57	72.80	70.82	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 20+200



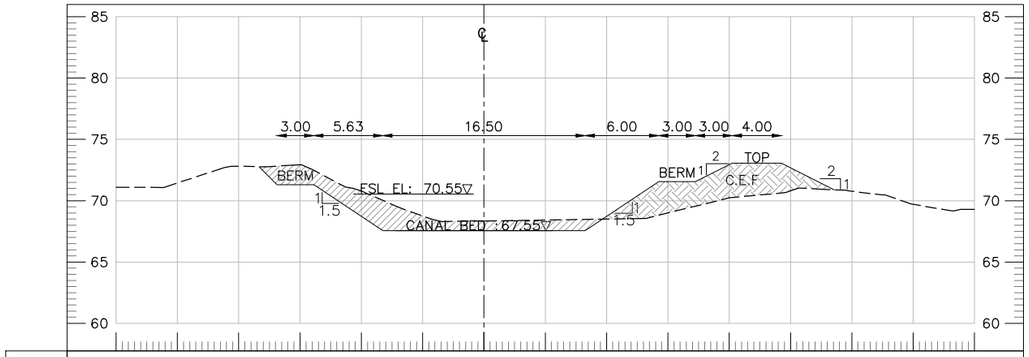
DESIGN FINISH LEVEL				71.94 71.30	71.30	67.55	67.55	67.55	71.55	71.55	73.05	73.05	71.84			
OFFSET				-16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25	26.67			
NSL	69.97	70.21	70.58	70.63	68.55	68.25	68.26	68.32	68.37	68.59	68.69	70.63	71.92	70.39	70.21	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 20+300

TENDER DRAWINGS

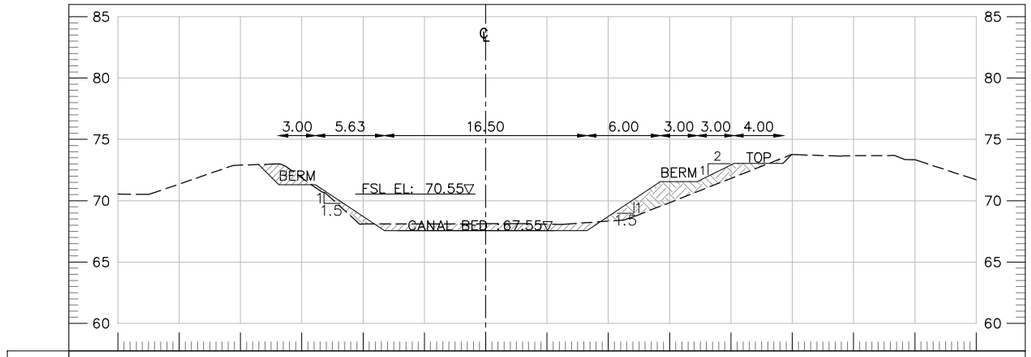
CLIENT: IRRIGATION DEPARTMENT GOVERNMENT OF BALOCHISTAN	CONSULTANTS: CAMEOS CONSULTANTS CONSULTING ENGINEERS ARCHITECTS & PLANNERS. PLOT NO.07 PARIS ARCADE STREET. NO. 36 E-11/3 MARKAZ ISLAMABAD. H. NO.38 CHAMAN HOUSING AIRPORT ROAD QUETTA.	PROJECT TITLE: INTEGRATED FLOOD RESILIENCE AND ADAPTATION PROJECT	SCHEME NAME: (RESTORATION / STRENGTHENING OF FLOOD EMBANKMENT OF MAIN RABI CANAL FROM RD 0 TO RD 100 AND RABI CANAL-II FROM RD 0 TO 22 KM (DISTRICT NASEERABAD)	DRAWING TITLE:- CROSS SECTIONS OF RABI CANAL-II	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:	1:500
FILE PATH: G:/ IFRAP		DATE:	Mar-26
DRAWING NO: IFRAP-P6/RBC-91		SHEET:-	01 OF 01



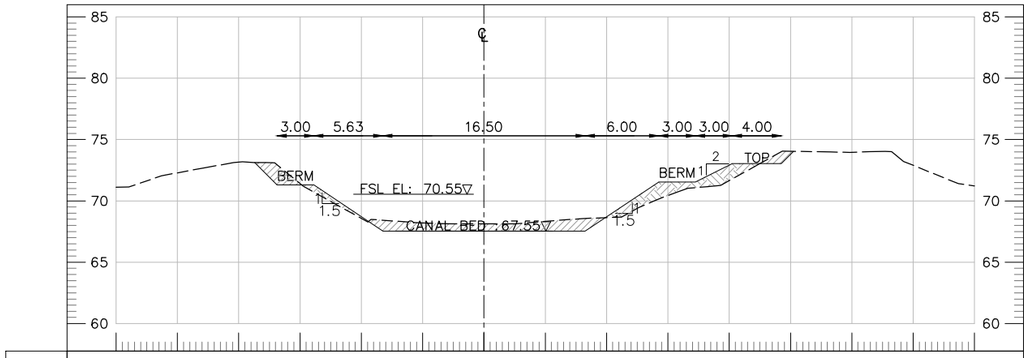
DESIGN FINISH LEVEL				72.77	71.30	71.30	67.55	67.55	67.55	71.55	71.55	73.05	73.05	70.89		
OFFSET				-18.35	-16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25	28.58		
NSL	71.10	71.45	72.80	72.92	70.79	68.76	68.35	68.43	68.50	69.00	70.23	70.80	70.77	69.71	69.29	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 20+400



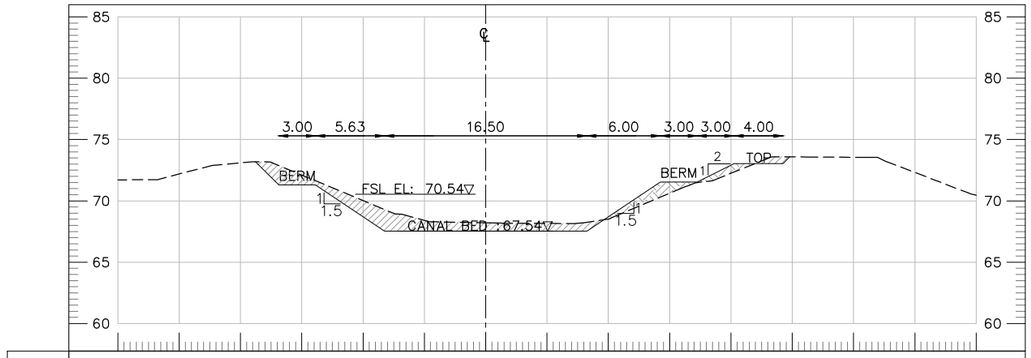
DESIGN FINISH LEVEL				72.95	71.30	71.30	67.55	67.55	67.55	71.55	71.55	73.05	73.05	73.76		
OFFSET				-18.52	-16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25	24.96		
NSL	70.54	71.36	72.90	71.87	68.10	68.11	68.12	68.08	68.34	69.85	71.82	73.76	73.66	73.33	71.70	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 20+500



DESIGN FINISH LEVEL				73.13	71.30	71.30	67.55	67.55	67.55	71.55	71.55	73.05	73.05 74.04			
OFFSET				-18.71	-16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25 25.24			
NSL	71.11	72.29	73.16	71.41	68.57	68.20	68.13	68.33	68.63	70.44	71.65	74.04	73.95	72.90	71.22	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 20+600



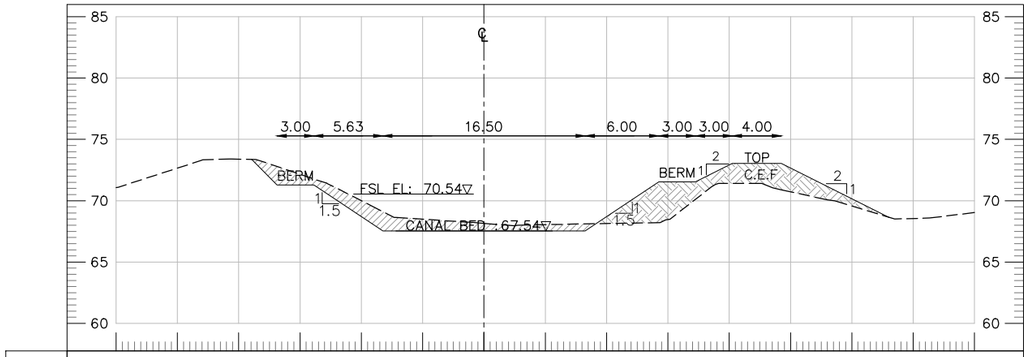
DESIGN FINISH LEVEL				73.19	71.29	71.29	67.54	67.54	67.54	71.54	71.54	73.04	73.04 73.88			
OFFSET				-18.77	-16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25 24.79			
NSL	71.71	72.19	73.10	72.11	70.03	68.41	68.22	68.16	68.52	70.62	72.25	73.58	73.56	72.32	70.46	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 20+700

TENDER DRAWINGS

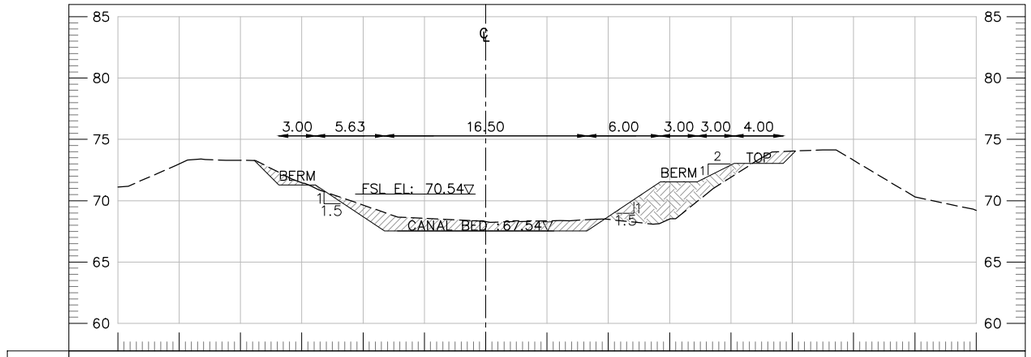
CLIENT: IRRIGATION DEPARTMENT GOVERNMENT OF BALOCHISTAN	CONSULTANTS: CAMEOS CONSULTANTS CONSULTING ENGINEERS ARCHITECTS & PLANNERS. PLOT NO.07 PARIS ARCADE STREET. NO. 36 E-11/3 MARKAZ ISLAMABAD. H. NO.38 CHAMAN HOUSING AIRPORT ROAD QUETTA.	PROJECT TITLE: INTEGRATED FLOOD RESILIENCE AND ADAPTATION PROJECT	SCHEME NAME: (RESTORATION / STRENGTHENING OF FLOOD EMBANKMENT OF MAIN RABI CANAL FROM RD 0 TO RD 100 AND RABI CANAL-II FROM RD 0 TO 22 KM (DISTRICT NASEERABAD)	DRAWING TITLE:- CROSS SECTIONS OF RABI CANAL-II	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:	1:500
FILE PATH: G:/ IFRAP		DATE:	Mar-26
DRAWING NO: IFRAP-P6/RBC-92		SHEET:-	01 OF 01



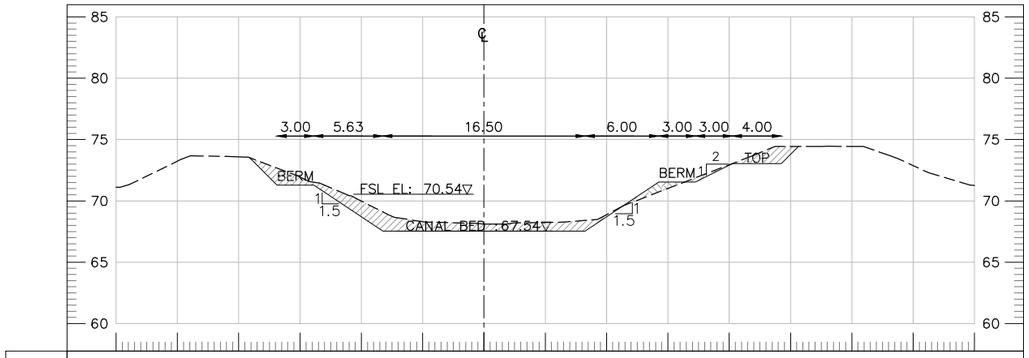
DESIGN FINISH LEVEL			73.37	71.29	71.29	67.54	67.54	67.54	71.54	71.54	73.04	73.04	68.65			
OFFSET			-18.96	-16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25	33.04			
NSL	71.08	72.65	73.39	72.16	70.00	68.49	68.15	68.05	68.14	68.47	71.41	70.73	69.57	68.55	69.03	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 20+800



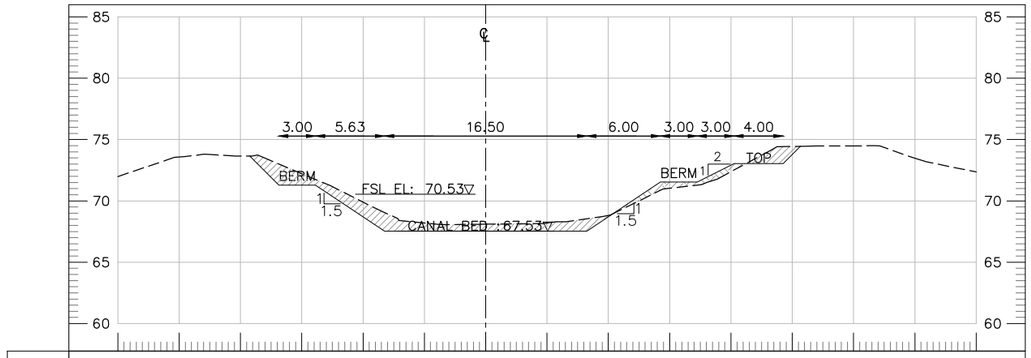
DESIGN FINISH LEVEL			73.28	71.29	71.29	67.54	67.54	67.54	71.54	71.54	73.04	73.04 74.05				
OFFSET			-18.87	-16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25 25.27				
NSL	71.11	72.99	73.29	71.47	69.64	68.56	68.29	68.36	68.47	68.51	71.91	74.04	73.29	70.31	69.20	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 20+900



DESIGN FINISH LEVEL			73.52	71.29	71.29	67.54	67.54	67.54	71.53	71.53	73.03	73.03 74.43				
OFFSET			-19.12	-16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25 25.65				
NSL	71.12	73.24	73.59	71.94	69.98	68.31	68.11	68.25	68.88	71.01	72.94	74.43	74.45	72.88	71.27	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 21+000



DESIGN FINISH LEVEL			73.66	71.28	71.28	67.53	67.53	67.53	71.53	71.53	73.03	73.03 74.45				
OFFSET			-19.25	-16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25 25.67				
NSL	71.99	73.57	73.65	72.22	69.90	68.19	68.10	68.20	68.81	71.02	72.38	74.44	74.49	73.47	72.37	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 21+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.

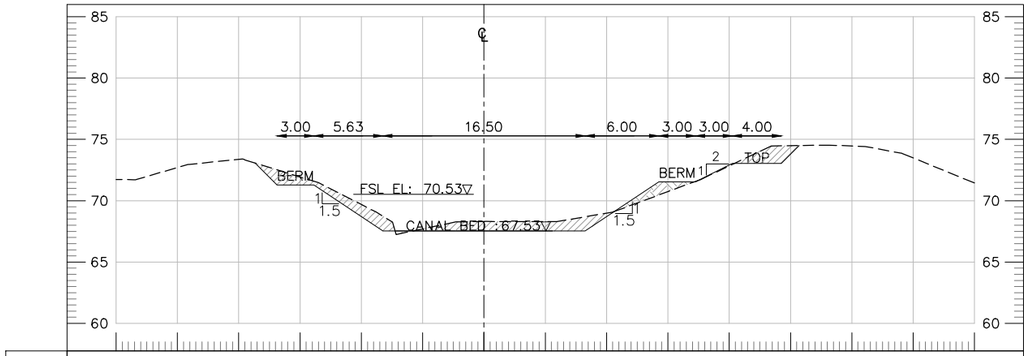
PROJECT TITLE:
INTEGRATED FLOOD RESILIENCE AND ADAPTATION PROJECT

SCHEME NAME:
(RESTORATION / STRENGTHENING OF FLOOD EMBANKMENT OF MAIN RABI CANAL FROM RD 0 TO RD 100 AND RABI CANAL-II FROM RD 0 TO 22 KM (DISTRICT NASEERABAD)

DRAWING TITLE:-
CROSS SECTIONS OF RABI CANAL-II

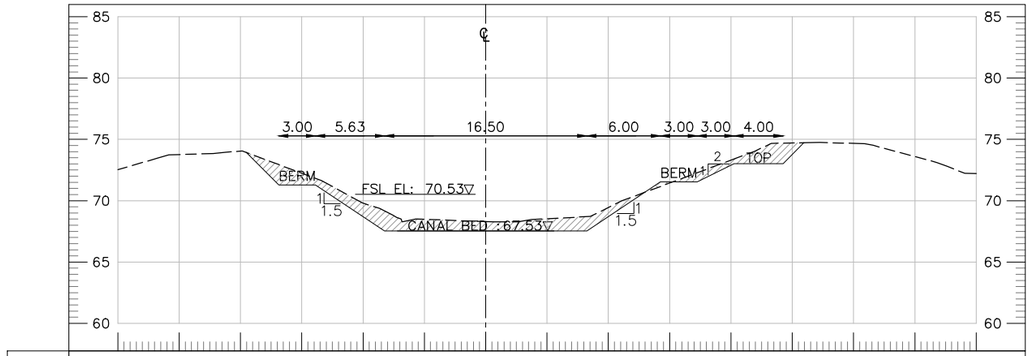
NOTES:
ALL LEVELS AND DIMENSIONS ARE IN METERS UNLESS INDICATED OTHERWISE.

DRAWN BY:	FAISAL / USAMA	DESIGNED BY:	KAMRAN BABAR
CHECKED BY:	ZIA-UL-HAQ	SCALE:	1:500
FILE PATH:	G:/ IFRAP	DATE:	**Mar-26**
DRAWING NO:	IFRAP-P6/RBC-93	SHEET:-	01 OF 01



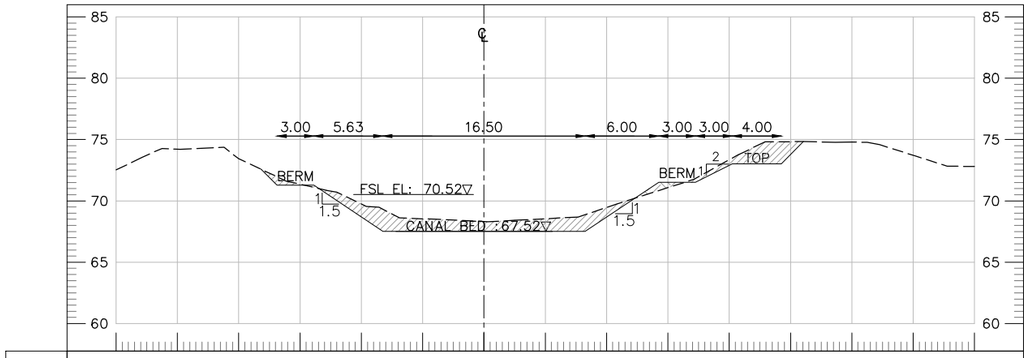
DESIGN FINISH LEVEL			73.07	71.28	71.28	67.53	67.53	67.53	71.53	71.53	73.03	73.03	74.50			
OFFSET			-18.67	-16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25	25.72			
NSL	71.74	72.70	73.38	71.93	69.69	67.70	68.31	68.30	68.99	70.74	72.84	74.49	74.46	73.49	71.44	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 21+200



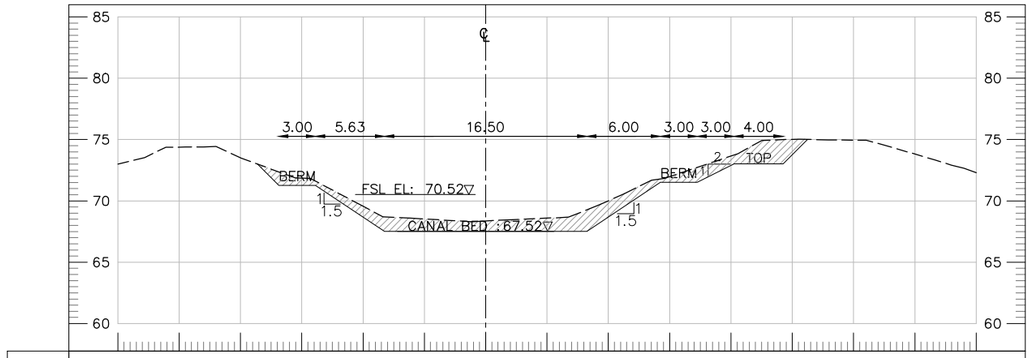
DESIGN FINISH LEVEL			73.94	71.28	71.28	67.53	67.53	67.53	71.53	71.53	73.03	73.03	74.73			
OFFSET			-19.54	-16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25	25.95			
NSL	72.52	73.76	74.05	72.24	69.80	68.49	68.30	68.53	69.44	71.44	73.31	74.71	74.67	73.60	72.21	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 21+300



DESIGN FINISH LEVEL			72.58	71.27	71.27	67.52	67.52	67.52	71.52	71.52	73.02	73.02	74.83			
OFFSET			-18.19	-16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25	26.06			
NSL	72.53	74.22	73.44	71.36	69.75	68.54	68.32	68.54	69.46	71.08	73.35	74.83	74.80	73.71	72.81	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 21+400



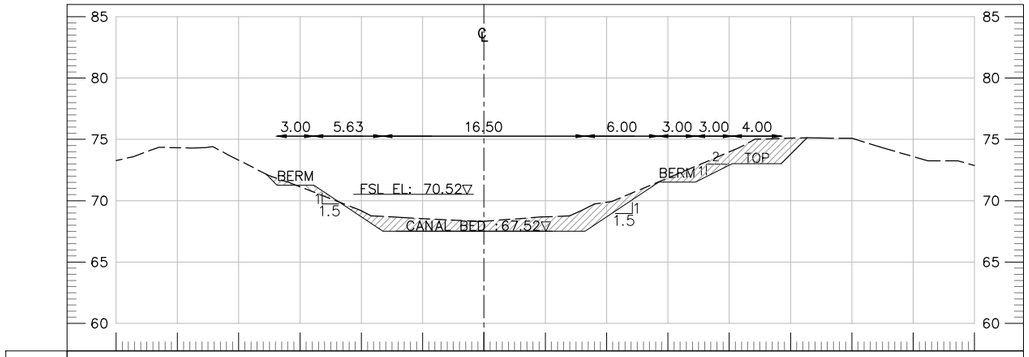
DESIGN FINISH LEVEL			72.99	71.27	71.27	67.52	67.52	67.52	71.52	71.52	73.02	73.02	75.02			
OFFSET			-18.60	-16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25	26.24			
NSL	73.00	74.38	73.52	71.85	69.56	68.52	68.36	68.59	70.01	71.98	73.66	75.02	74.95	73.82	72.31	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 21+500

TENDER DRAWINGS

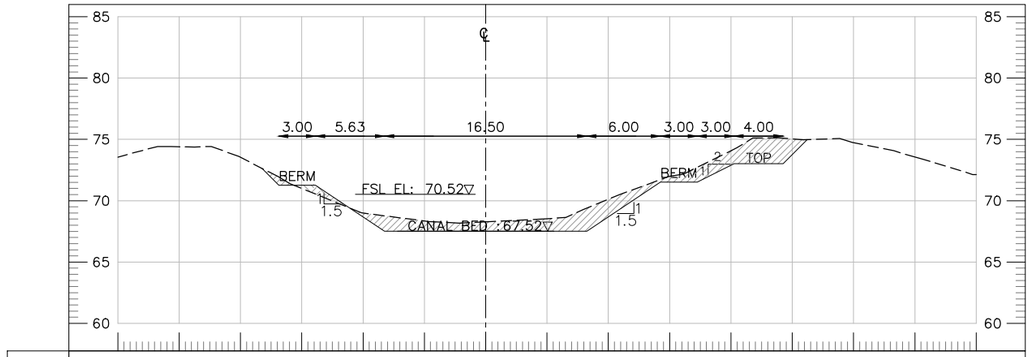
CLIENT: IRRIGATION DEPARTMENT GOVERNMENT OF BALOCHISTAN	CONSULTANTS: CAMEOS CONSULTANTS CONSULTING ENGINEERS ARCHITECTS & PLANNERS. PLOT NO.07 PARIS ARCADE STREET. NO. 36 E-11/3 MARKAZ ISLAMABAD. H. NO.38 CHAMAN HOUSING AIRPORT ROAD QUETTA.	PROJECT TITLE: INTEGRATED FLOOD RESILIENCE AND ADAPTATION PROJECT	SCHEME NAME: (RESTORATION / STRENGTHENING OF FLOOD EMBANKMENT OF MAIN RABI CANAL FROM RD 0 TO RD 100 AND RABI CANAL-II FROM RD 0 TO 22 KM (DISTRICT NASEERABAD)	DRAWING TITLE:- CROSS SECTIONS OF RABI CANAL-II	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: 1:500		
FILE PATH: G:/ IFRAP	DATE: Mar-26		
DRAWING NO: IFRAP-P6/RBC-94	SHEET:- 01 OF 01		



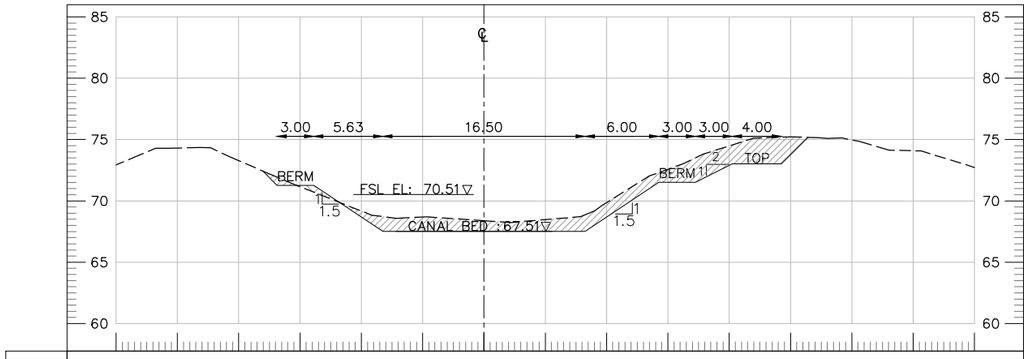
DESIGN FINISH LEVEL				72.16 71.27	71.27	67.52	67.52	67.52	71.52	71.52	73.02	73.02	75.14			
OFFSET				-17.77 -16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25	26.37			
NSL	73.27	74.32	73.30	71.13	69.18	68.55	68.33	68.69	69.87	71.86	73.97	75.10	75.08	73.60	72.86	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 21+600



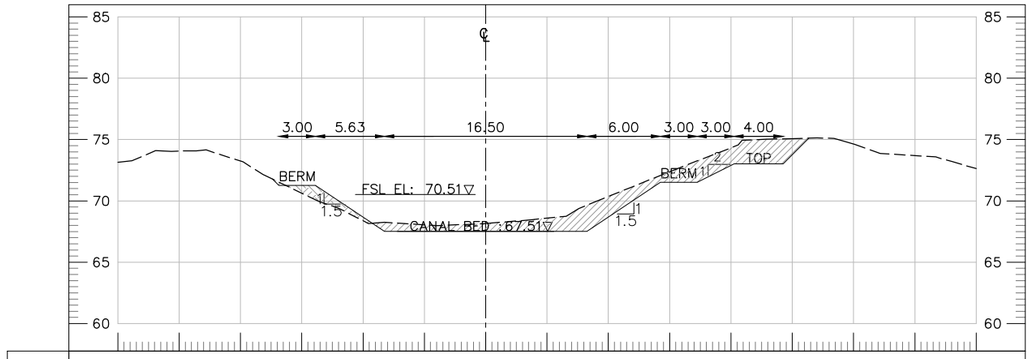
DESIGN FINISH LEVEL				72.64 71.27	71.27	67.52	67.52	67.52	71.52	71.52	73.02	73.02	74.98			
OFFSET				-18.25 -16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25	26.21			
NSL	73.56	74.40	73.54	71.00	68.99	68.35	68.28	68.52	70.12	71.98	74.07	75.04	74.73	73.56	72.14	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 21+700



DESIGN FINISH LEVEL				72.44 71.26	71.26	67.51	67.51	67.51	71.51	71.51	73.01	73.01	75.18			
OFFSET				-18.05 -16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25	26.42			
NSL	72.93	74.30	73.28	71.15	69.17	68.68	68.39	68.47	69.87	72.58	74.48	75.21	74.97	74.09	72.73	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 21+800



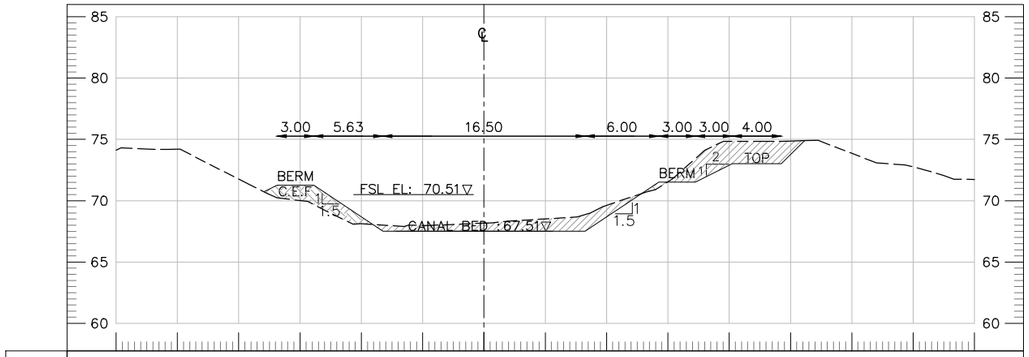
DESIGN FINISH LEVEL				71.28 71.26	71.26	67.51	67.51	67.51	71.51	71.51	73.01	73.01	75.11			
OFFSET				-17.41 -16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25	26.35			
NSL	73.14	74.06	73.25	70.63	68.38	68.04	68.16	68.59	70.36	72.37	74.32	75.06	74.63	73.69	72.64	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 21+900

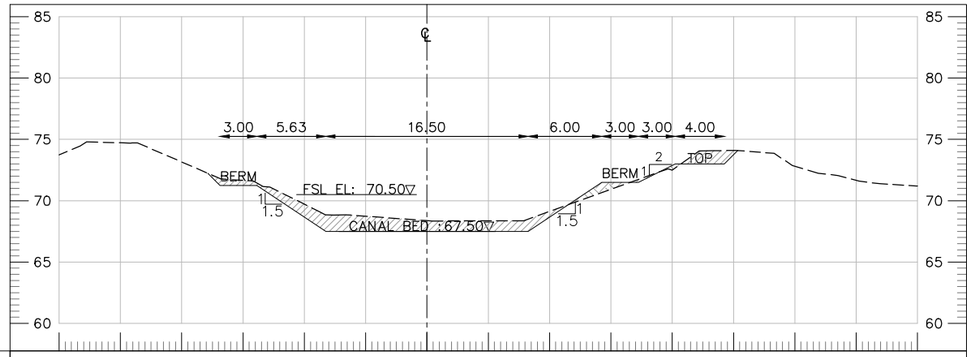
TENDER DRAWINGS

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: (RESTORATION / STRENGTHENING OF FLOOD EMBANKMENT OF MAIN RABI CANAL FROM RD 0 TO RD 100 AND RABI CANAL-II FROM RD 0 TO 22 KM (DISTRICT NASEERABAD)	DRAWING TITLE:- CROSS SECTIONS OF RABI CANAL-II	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:	1:500
FILE PATH: G:/ IFRAP		DATE:	Mar-26
DRAWING NO: IFRAP-P6/RBC-95		SHEET:-	01 OF 01

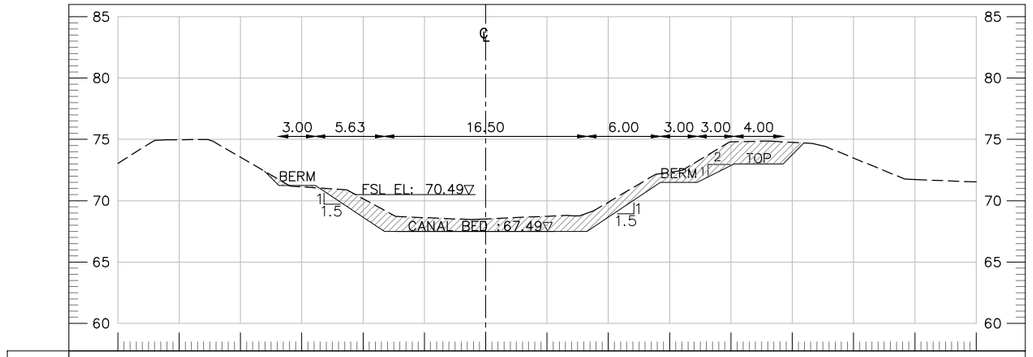

3.00 5.63 16.50 6.00 3.00 3.00 4.00
BERM
C.E.F.
FSL EL: 70.51▽
CANAL BED : 67.51▽
BERM
TOP
1
1.5
2

| | | |



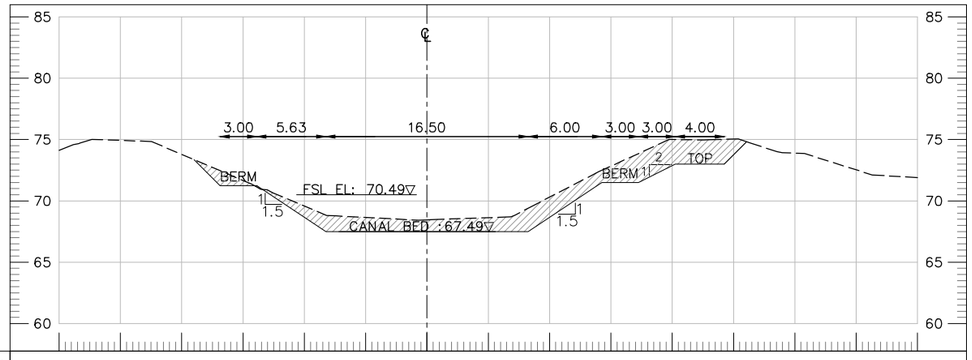
DESIGN FINISH LEVEL				72.23 71.25	71.25	67.50	67.50	67.50	71.50	71.50	73.00	73.00 74.09				
OFFSET				−17.86 −16.88	−13.88	−8.25	0.00	8.25	14.25	17.25	20.25	24.25 25.34				
NSL	73.74	74.72	73.16	71.66	69.72	68.74	68.38	68.36	69.13	70.93	72.50	74.10	72.82	71.66	71.20	
OFFSET	−30.00	−25.00	−20.00	−15.00	−10.00	−5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 22+400



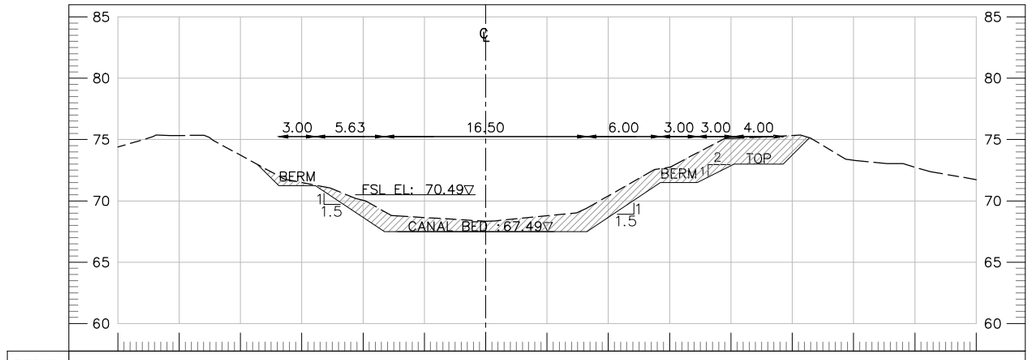
DESIGN FINISH LEVEL				72.40 71.25	71.25	67.49	67.49	67.49	71.49	71.49	72.99	72.99 74.70				
OFFSET				−18.04 −16.88	−13.88	−8.25	0.00	8.25	14.25	17.25	20.25	24.25 25.96				
NSL	73.04	74.97	73.54	71.13	70.16	68.62	68.52	68.74	69.88	72.32	74.80	74.76	73.48	71.72	71.53	
OFFSET	−30.00	−25.00	−20.00	−15.00	−10.00	−5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 22+500



DESIGN FINISH LEVEL				73.37 71.24	71.24	67.49	67.49	67.49	71.49	71.49	72.99	72.99 74.82				
OFFSET				−19.00 −16.88	−13.88	−8.25	0.00	8.25	14.25	17.25	20.25	24.25 26.07				
NSL	74.12	74.93	73.79	71.67	69.58	68.65	68.46	68.63	70.31	72.83	75.00	75.03	73.89	72.53	71.89	
OFFSET	−30.00	−25.00	−20.00	−15.00	−10.00	−5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 22+600



DESIGN FINISH LEVEL				72.96 71.24	71.24	67.49	67.49	67.49	71.49	71.49	72.99	72.99 75.15				
OFFSET				−18.60 −16.88	−13.88	−8.25	0.00	8.25	14.25	17.25	20.25	24.25 26.41				
NSL	74.39	75.33	73.72	71.50	70.04	68.64	68.35	68.78	70.41	72.75	75.09	75.34	73.31	72.75	71.73	
OFFSET	−30.00	−25.00	−20.00	−15.00	−10.00	−5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 22+700

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.

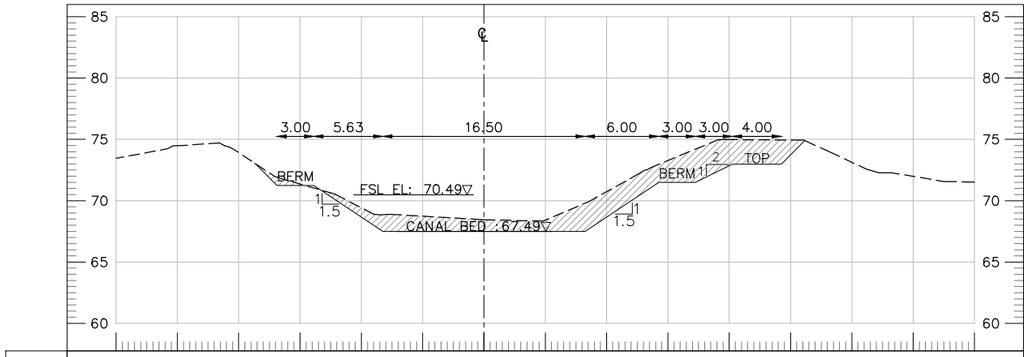
PROJECT TITLE:
INTEGRATED FLOOD RESILIENCE AND ADAPTATION PROJECT

SCHEME NAME:
(RESTORATION / STRENGTHENING OF FLOOD EMBANKMENT OF MAIN RABI CANAL FROM RD 0 TO RD 100 AND RABI CANAL-II FROM RD 0 TO 22 KM (DISTRICT NASEERABAD)

DRAWING TITLE:-
CROSS SECTIONS OF
RABI CANAL-II

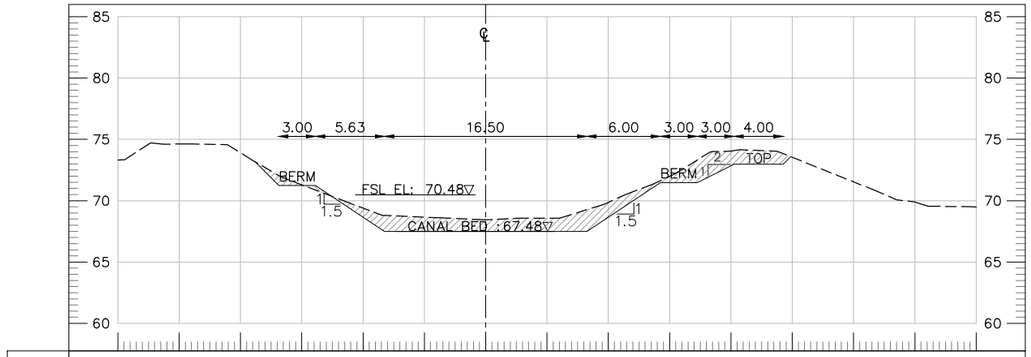
NOTES:
ALL LEVELS AND DIMENSIONS ARE IN METERS UNLESS INDICATED OTHERWISE.

DRAWN BY:	FAISAL / USAMA	DESIGNED BY:	KAMRAN BABAR
CHECKED BY:	ZIA-UL-HAQ	SCALE:	1:500
FILE PATH:	G:/ IFRAP	DATE:	Mar-26
DRAWING NO:	IFRAP-P6/RBC-97	SHEET:-	01 OF 01



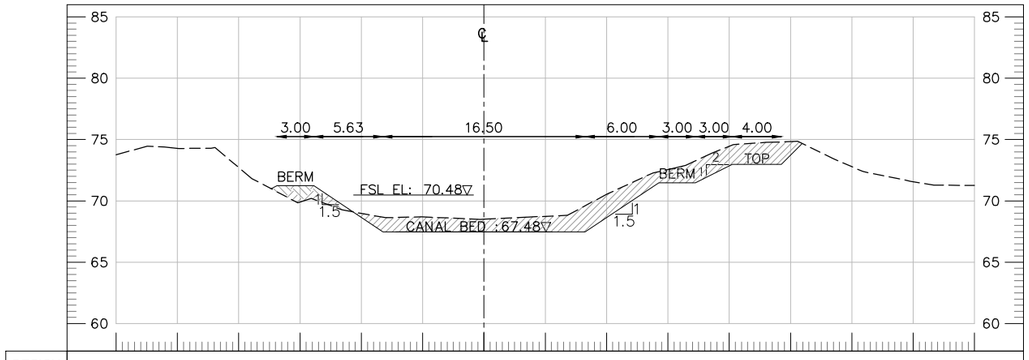
DESIGN FINISH LEVEL				73.05	71.24	71.24	67.49	67.49	67.49	71.49	71.49	72.99	72.99	74.90		
OFFSET				-18.69	-16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25	26.16		
NSL	73.46	74.47	73.92	71.37	69.42	68.74	68.45	68.41	70.74	73.27	74.98	74.94	73.14	71.99	71.52	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 22+800



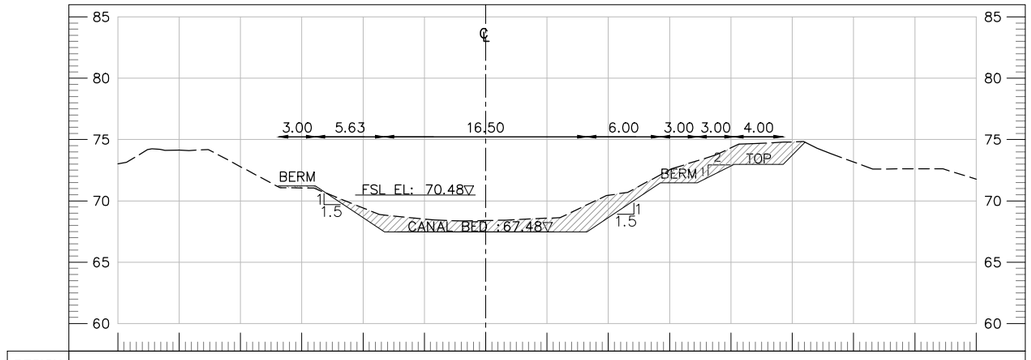
DESIGN FINISH LEVEL				73.18	71.23	71.23	67.48	67.48	67.48	71.48	71.48	72.98	72.98	73.59		
OFFSET				-18.82	-16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25	24.86		
NSL	73.32	74.62	73.91	71.30	69.40	68.66	68.45	68.57	69.87	71.98	74.05	73.54	71.53	69.88	69.49	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 22+900



DESIGN FINISH LEVEL				70.99	71.23	67.48	67.48	67.48	71.48	71.48	72.98	72.98	74.68			
OFFSET				-17.36	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25	25.95			
NSL	73.77	74.29	72.72	69.91	68.98	68.69	68.51	68.74	70.54	72.55	74.46	74.83	72.79	71.57	71.26	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 23+000



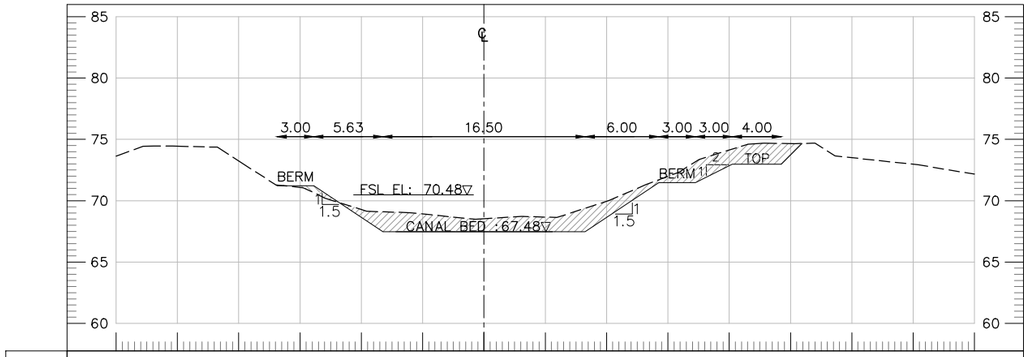
DESIGN FINISH LEVEL				71.18	71.23	67.48	67.48	67.48	71.48	71.48	72.98	72.98	74.77			
OFFSET				-16.98	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25	26.04			
NSL	73.01	74.13	72.79	71.05	69.42	68.52	68.40	68.59	70.45	72.53	74.32	74.81	73.17	72.61	71.77	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 23+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: (RESTORATION / STRENGTHENING OF FLOOD EMBANKMENT OF MAIN RABI CANAL FROM RD 0 TO RD 100 AND RABI CANAL-II FROM RD 0 TO 22 KM (DISTRICT NASEERABAD)	DRAWING TITLE:- CROSS SECTIONS OF RABI CANAL-II	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:	1:500
FILE PATH: G:/ IFRAP		DATE:	Mar-26
DRAWING NO: IFRAP-P6/RBC-98		SHEET:-	01 OF 01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CANAL BED : 67.48▽
BERM
TOP
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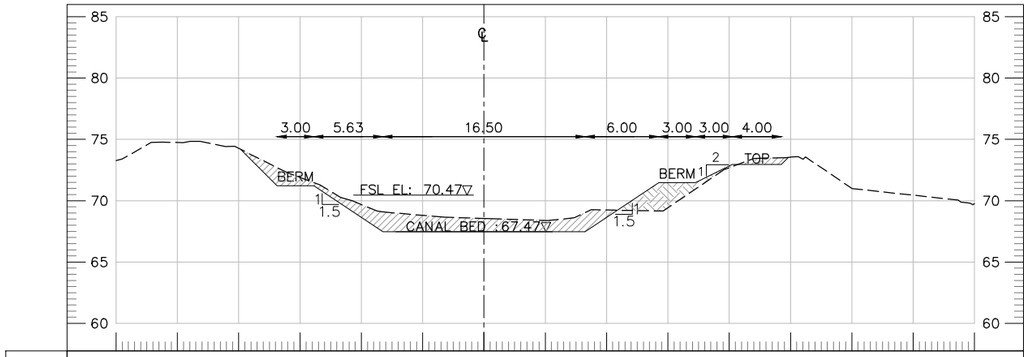
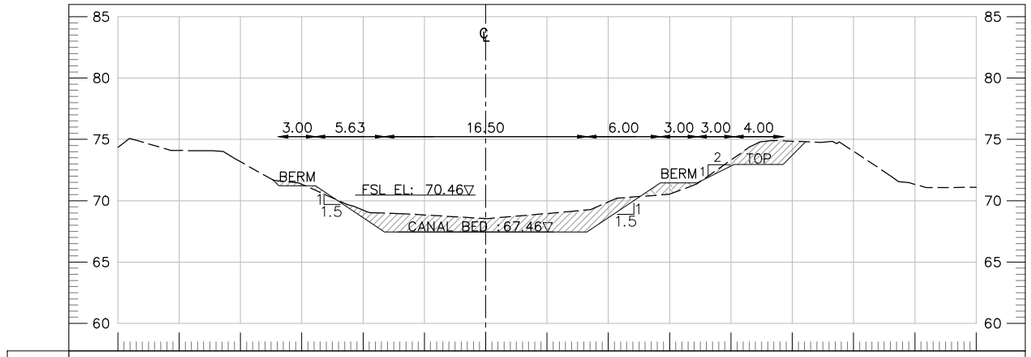
1.5
2

| | | |



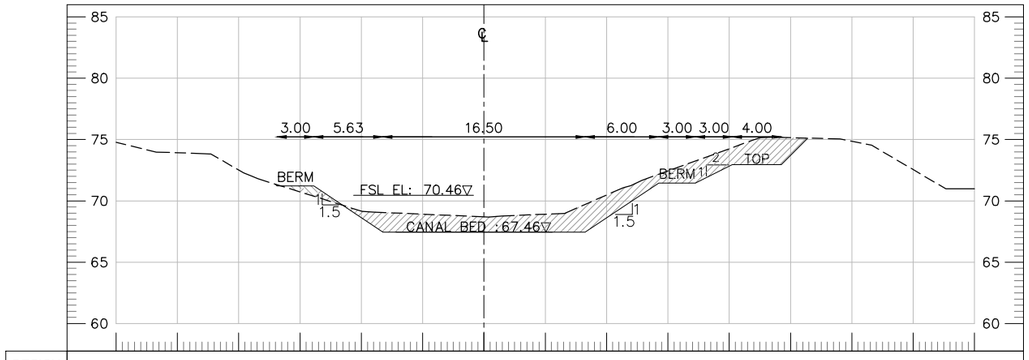
DESIGN FINISH LEVEL			74.18	71.22	71.22	67.47	67.47	67.47	71.46	71.46	72.96	73.84				
OFFSET			-19.85	-16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25				
NSL	73.27	74.74	74.26	71.90	69.69	68.81	68.55	68.40	69.24	69.42	72.69	73.56	71.01	70.45	69.77	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 23+600



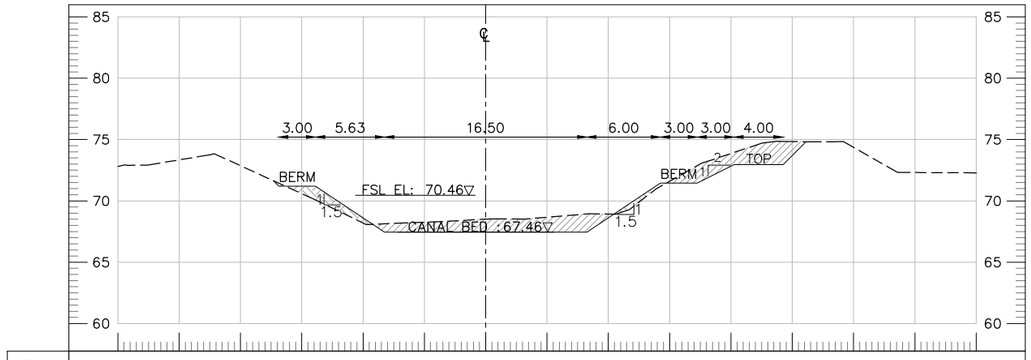
DESIGN FINISH LEVEL				71.70	71.21	67.46	67.46	67.46	71.46	71.46	72.96	72.96	74.81			
OFFSET				-17.36	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25	26.10			
NSL	74.35	74.09	73.17	71.34	69.23	68.84	68.55	68.96	69.91	70.54	73.32	74.85	74.03	71.33	71.09	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 23+700



DESIGN FINISH LEVEL			71.37	71.21	67.46	67.46	67.46	71.46	71.46	72.96	72.96	75.12				
OFFSET			-17.03	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25	26.41				
NSL	74.78	73.92	72.51	70.73	69.16	68.92	68.70	68.91	70.48	72.44	74.25	75.15	74.86	72.55	70.99	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 23+800



DESIGN FINISH LEVEL				71.64	71.21	67.46	67.46	67.46	71.46	71.46	72.96	72.96	74.82			
OFFSET				-17.31	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25	26.12			
NSL	72.80	73.34	72.87	70.59	68.20	68.26	68.51	68.67	68.93	71.60	73.86	74.83	74.36	72.31	72.29	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 23+900

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:

(RESTORATION / STRENGTHENING OF FLOOD EMBANKMENT OF MAIN RABI CANAL FROM RD 0 TO RD 100 AND RABI CANAL-II FROM RD 0 TO 22 KM (DISTRICT NASEERABAD)

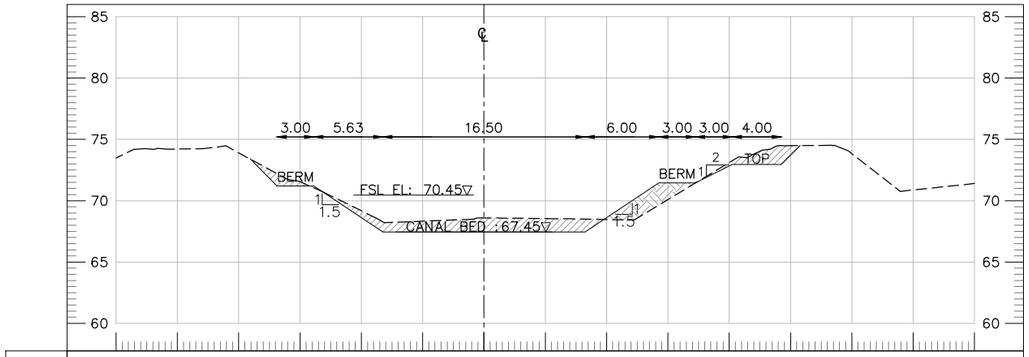
DRAWING TITLE:-

CROSS SECTIONS OF RABI CANAL-II

NOTES:

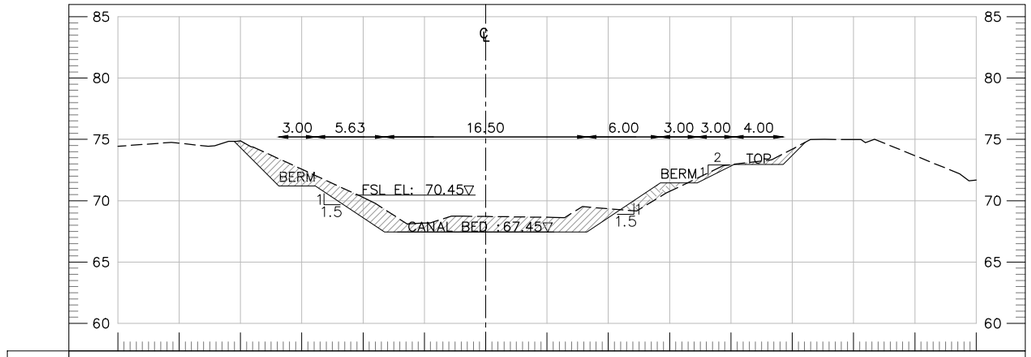
ALL LEVELS AND DIMENSIONS ARE IN METERS UNLESS INDICATED OTHERWISE.

DRAWN BY:	FAISAL / USAMA	DESIGNED BY:	KAMRAN BABAR
CHECKED BY:	ZIA-UL-HAQ	SCALE:	1:500
FILE PATH:	G:/ IFRAP	DATE:	Mar-26
DRAWING NO:	IFRAP-P6/RBC-100	SHEET:-	01 OF 01



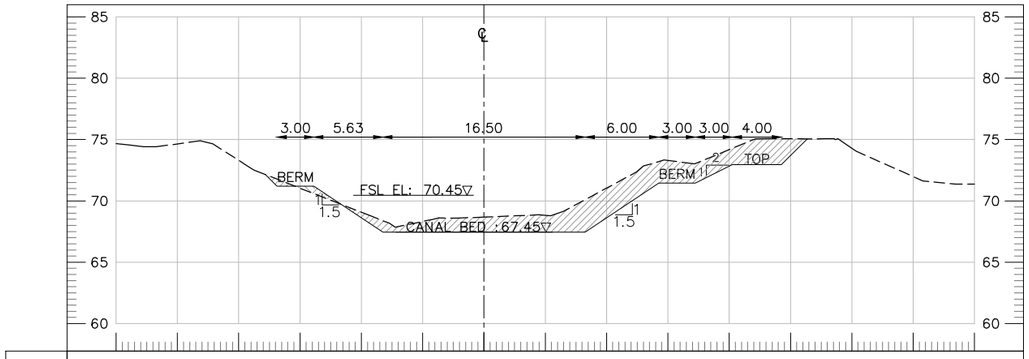
DESIGN FINISH LEVEL			73.39	71.20	71.20	67.45	67.45	67.45	71.45	71.45	72.95	72.95	74.49			
OFFSET			-19.06	-16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25	25.79			
NSL	73.49	74.21	73.90	71.56	69.18	68.33	68.59	68.55	68.47	70.09	73.11	74.49	73.83	70.87	71.40	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 24+000



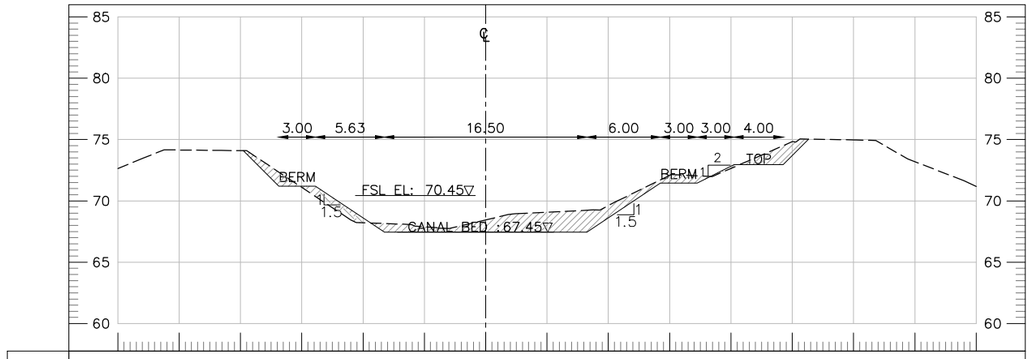
DESIGN FINISH LEVEL			74.84	71.20	71.20	67.45	67.45	67.45	71.45	71.45	72.95	72.95	74.76			
OFFSET			-20.51	-16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25	26.06			
NSL	74.43	74.69	74.88	72.56	70.27	68.17	68.72	68.65	69.35	70.76	72.94	74.21	74.98	73.67	71.68	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 24+100



DESIGN FINISH LEVEL			72.15 71.20	71.20	67.45	67.45	67.45	71.45	71.45	72.95	72.95	75.06				
OFFSET			-17.82 -16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25	26.36				
NSL	74.66	74.64	73.30	71.04	69.07	68.32	68.68	68.82	71.04	73.30	74.18	75.07	74.28	71.98	71.36	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 24+200



DESIGN FINISH LEVEL			74.10	71.20	71.20	67.45	67.45	67.45	71.45	71.45	72.95	72.95	75.03			
OFFSET			-19.78	-16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25	26.34			
NSL	72.63	74.15	74.10	71.10	68.21	67.89	68.45	69.08	69.61	72.09	72.64	74.82	74.97	73.20	71.18	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 24+300

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: (RESTORATION / STRENGTHENING OF FLOOD EMBANKMENT OF MAIN RABI CANAL FROM RD 0 TO RD 100 AND RABI CANAL-II FROM RD 0 TO 22 KM (DISTRICT NASEERABAD)	DRAWING TITLE:- CROSS SECTIONS OF RABI CANAL-II	NOTES: ALL LEVELS AND DIMENSIONS ARE IN METERS UNLESS INDICATED OTHERWISE.

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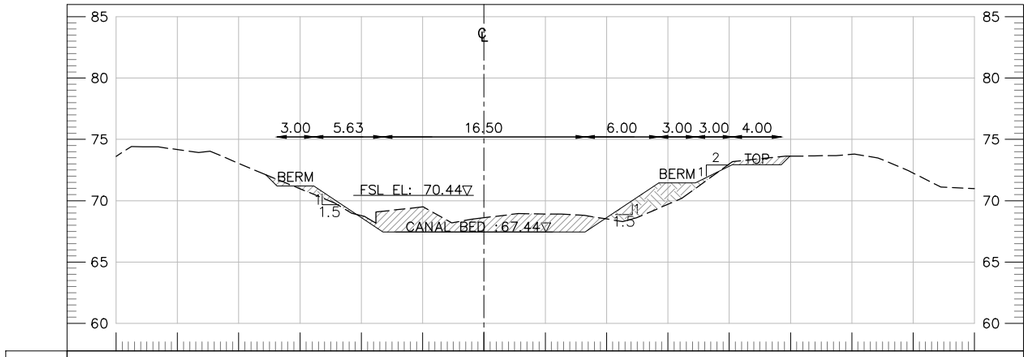
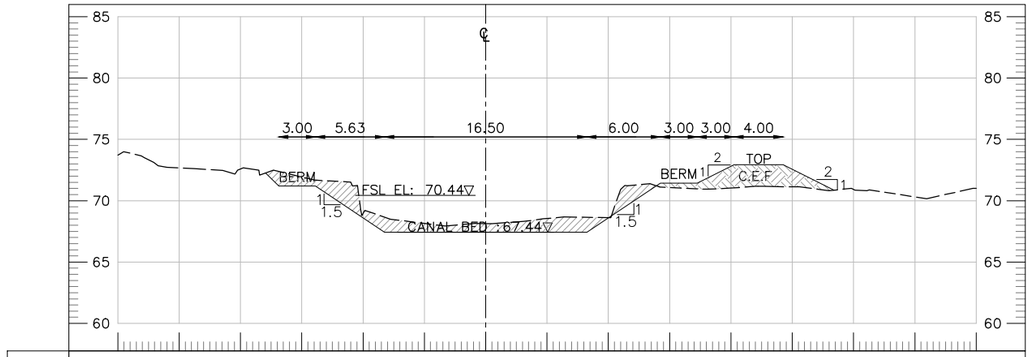
CHECKED BY: ZIA-UL-HAQ		SCALE:	1:500
FILE PATH: G:/ IFRAP		DATE:	Mar-26
DRAWING NO: IFRAP-P6/RBC-101		SHEET:-	01 OF 01



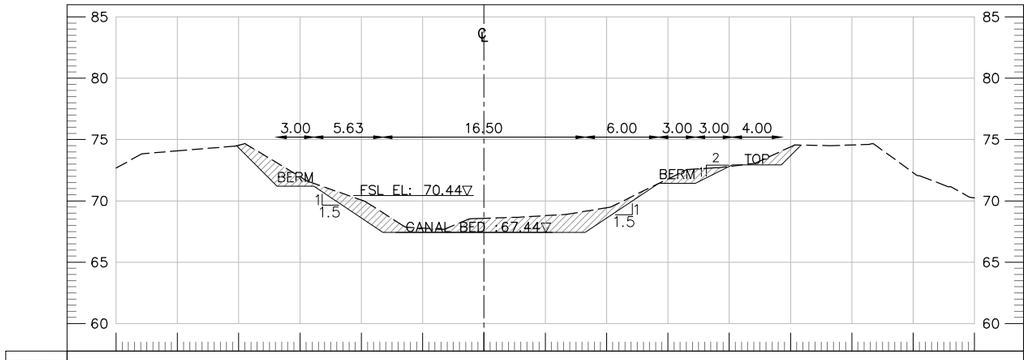
DESIGN FINISH LEVEL			72.12 71.19	71.19	67.44	67.44	67.44	71.44	71.44	72.94	72.94 73.64					
OFFSET			-17.81 -16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25 24.95					
NSL	73.62	74.17	73.05	70.97	68.79	69.49	68.61	68.92	68.51	69.71	72.99	73.64	73.78	72.26	70.99	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 24+400



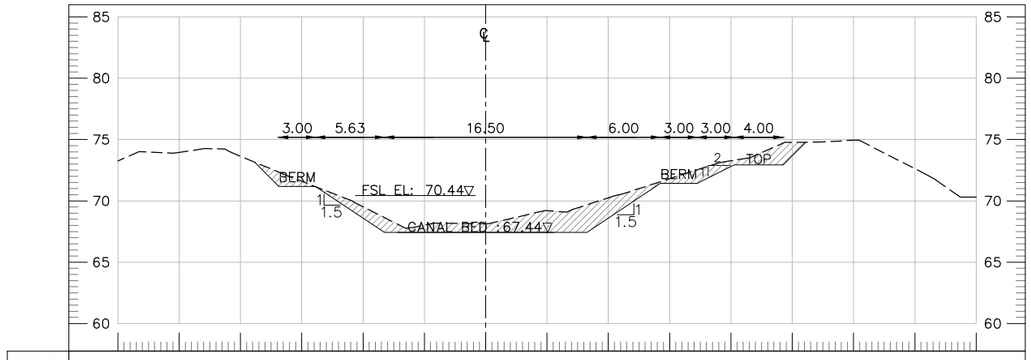
DESIGN FINISH LEVEL			72.27 71.19	71.19	67.44	67.44	67.44	71.44	71.44	72.94	72.94	70.86				
OFFSET			-17.95 -16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25	28.41				
NSL	73.71	72.67	72.58	71.94	68.95	68.15	68.14	68.55	68.63	71.07	71.03	71.14	70.92	70.32	71.00	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 24+500



DESIGN FINISH LEVEL			74.49	71.19	71.19	67.44	67.44	67.44	71.44	71.44	72.94	72.94 74.55				
OFFSET			-20.18	-16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25 25.86				
NSL	72.68	74.08	74.54	71.97	70.07	67.77	68.58	68.80	69.45	71.79	72.81	74.40	74.56	72.30	70.25	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 24+600



DESIGN FINISH LEVEL			73.17	71.19	71.19	67.44	67.44	67.44	71.44	71.44	72.94	72.94 74.78				
OFFSET			-18.86	-16.88	-13.88	-8.25	0.00	8.25	14.25	17.25	20.25	24.25 26.10				
NSL	73.26	73.95	73.64	71.59	69.53	68.02	68.14	69.20	70.25	71.81	73.27	74.78	74.94	72.62	70.31	
OFFSET	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	

AT RD 24+700

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: (RESTORATION / STRENGTHENING OF FLOOD EMBANKMENT OF MAIN RABI CANAL FROM RD 0 TO RD 100 AND RABI CANAL-II FROM RD 0 TO 22 KM (DISTRICT NASEERABAD)	DRAWING TITLE:- CROSS SECTIONS OF RABI CANAL-II	NOTES: ALL LEVELS AND DIMENSIONS ARE IN METERS UNLESS INDICATED OTHERWISE.

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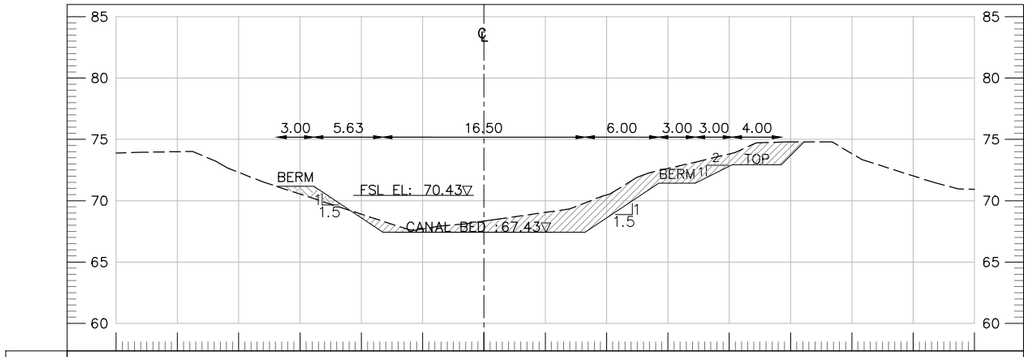
CHECKED BY: ZIA-UL-HAQ		SCALE:	1:500
FILE PATH: G:/ IFRAP		DATE:	Mar-26
DRAWING NO: IFRAP-P6/RBC-102		SHEET:-	01 OF 01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BERM
FSL EL: 70.43▽
CANAL BED : 67.43▽
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TOP
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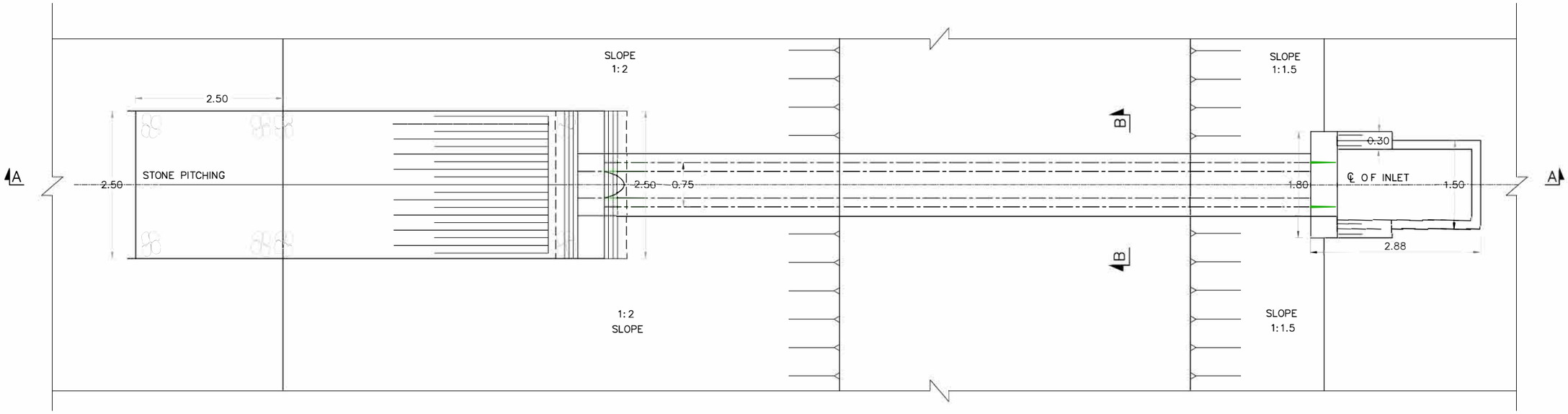
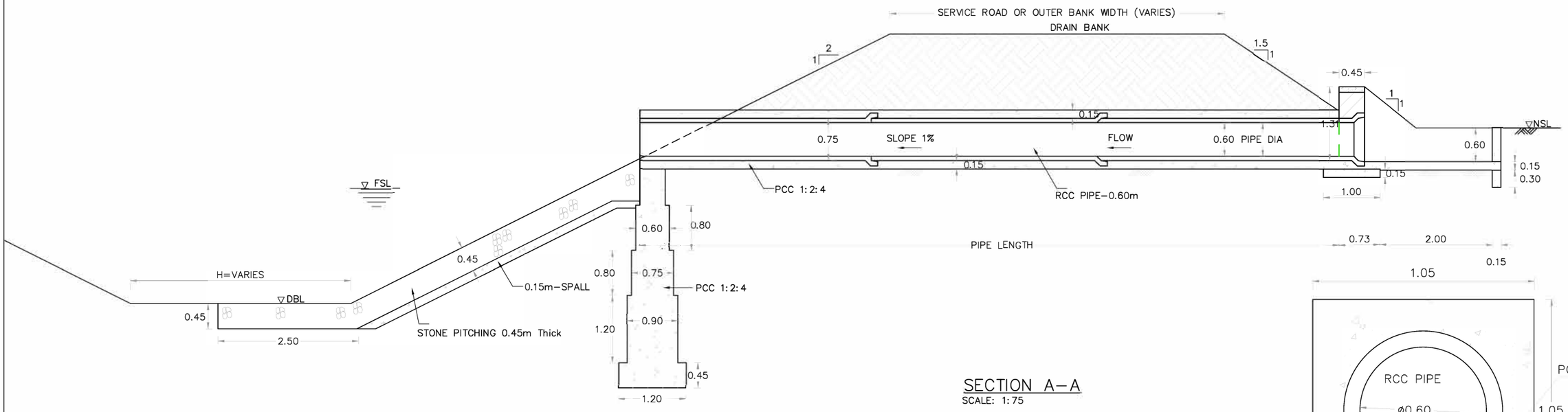
1
1.5

| | | |



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: 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: RESTORATION / STRENGTHENING OF FLOOD EMBANKMENT OF MAIN RABI CANAL FROM RD 0 TO RD 100 AND RABI CANAL-II FROM RD 0 TO 22 KM DISTRICT NASEERABAD	DRAWING TITLE:- TYPICAL PLAN, SECTION A-A & B-B OF INLET STRUCTURE AT RD (0+275, 4+737, 6+925, 8+200, 9+077, 11+482, 12+005, 14+331)	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/RBC-104	DESIGNED BY: KAMRAN BABAR SCALE: AS SHOWN DATE: AUG / 2025 SHEET:- 01 OF 01