

**DETAIL DESIGN
&
CONSTRUCTION SUPERVISION OF
ZAMIR GUL DAM
DISTRICT KOHAT**

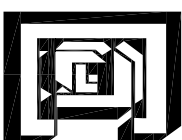
(CONSTRUCTION DRAWINGS)

PACKAGE-01

CLIENT:

**GOVERNMENT OF KHYBER PAKHTUNKHAWA
DIRECTORATE GENERAL SMALL DAMS,
IRRIGATION DEPARTMENT PESHAWAR**

CONSULTANT:



CONSULTING ASSOCIATES
NEAR DEANS COMPLEX APARTMENTS, BEHIND GUL
CNG BOARD BAZAAR, JAMRUD ROAD, PESHAWAR
PH#: 091-5701774-45 Fax - 091-5701775
E-MAIL: consultingassociates127@gmail.com

(CONSTRUCTION DRAWINGS)

01 DAM AXIS

02 MAIN CHANNEL

03 ROAD

04 REST HOUSE

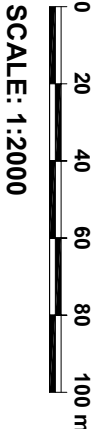
DAM AXIS

N 1048700
E 3101200

N 1048700
E 3101600



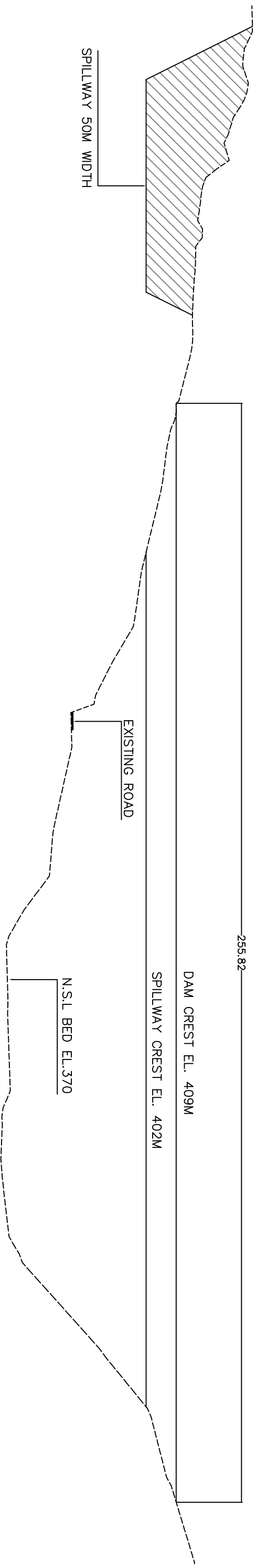
NOTES:
1. ALL DIMENSIONS ARE IN METERS
2. FOR SECTIONS REF. DWG. NO. ZGD-MD-03 TO 23



N 1048400
E 3101200

N 1048400
E 3101600

CLIENT:		CONSULTANTS:		PROJECT:		TITLE:		DRAWN BY		DRAWING NO.	
				ZAMIR GUL DAM		MAIN DAM		TANVIR ABBAS		ZGD-MD-02	
GOVERNMENT OF SINDH PAKISTAN DIRECTORATE GENERAL SMALL DAMS IRRIGATION DEPARTMENT, PESHAWAR		CONSULTING ASSOCIATES NS TOWER HAVATABAD COMMERCIAL COMPLEX NEAR WFP WAREHOUSE, MAIN ACHINI BALA ROAD PESHAWAR PH #: 091-5701774-45 Fax - 091-5701775 E-MAIL: consultingassocate127@gmail.com		KOHAT		SUB TITLE:		REVISED BY		REVISION NO.	
						PLAN		DESIGN BY		03	
								CHECKED & SUBMITTED BY		06	
								SHAKIL AHMAD		DATE:	
										MAY, 2013	



N.S.L LEVEL	DISTANCE
409.000	0.000
405.517	20.000
400.762	40.000
398.980	52.000
394.266	60.000
389.857	70.000
384.465	72.000
384.683	80.000
380.265	100.000
379.454	110.000
373.484	118.000
372.327	120.000
369.720	125.000
369.755	140.000
370.327	160.000
368.456	180.000
370.612	195.000
373.126	200.000
391.051	220.000
402.724	235.000
404.183	240.000
406.745	250.000
409.000	255.820



CLIENT:
GOVERNMENT OF KHYBER PAKHTUNKHWA
DIRECTORATE GENERAL, SMALL DAMS
IRRIGATION DEPARTMENT, PESHAWAR



CONSULTANTS:
CONSULTING ASSOCIATES
NS TOWER HAYATABAD COMMERCIAL COMPLEX
NEAR WFP WAREHOUSE, MAIN ACHINI BALA
ROAD PESHAWAR
PH # 091-5701774-45 Fax - 091-5701775
E-MAIL: consultingassociates127@gmail.com

PROJECT:
ZAMIR GUL DAM
KOHAT

TITLE:
MAIN DAM

SUB TITLE:
L-SECTION

DRAWN BY
TANVIR ABBAS

REVISED BY
MUNEEB KHAN

DESIGN BY
FARID KHAN

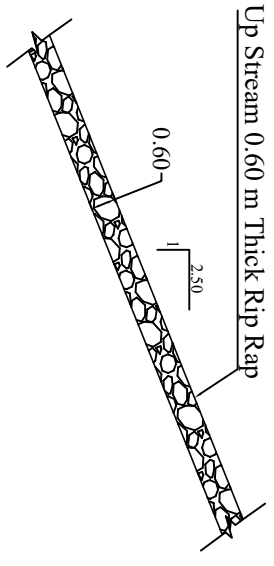
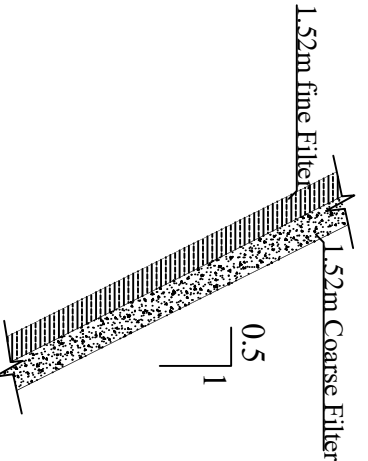
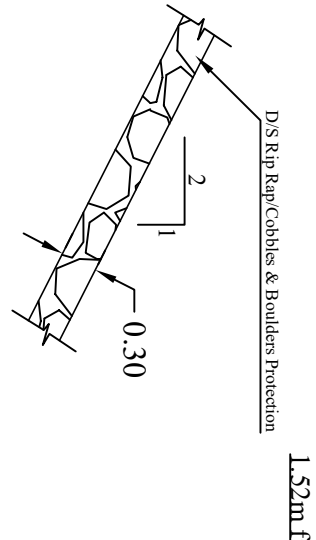
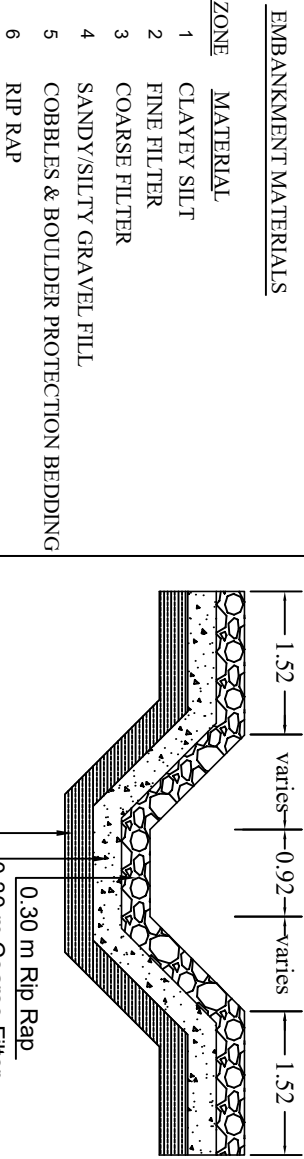
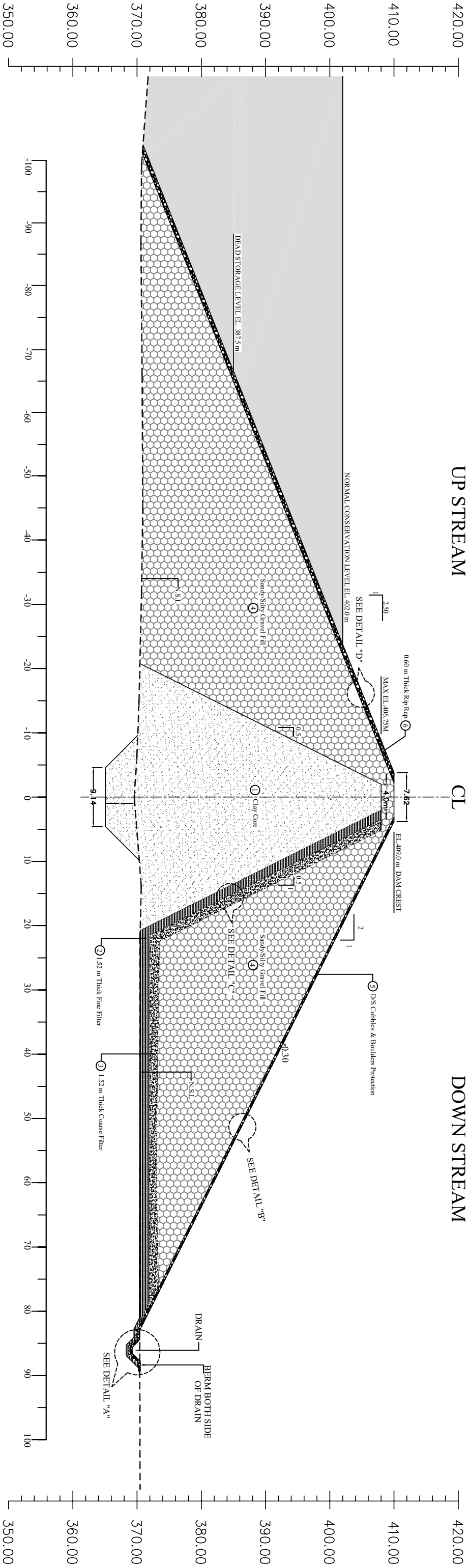
CHECKED &
SUBMITTED BY
SHAKIL AHMAD

DRAWING NO.
ZGD-MD-03

REVISION NO.
03

SHEET NO.
07

DATE:
MAY 2013

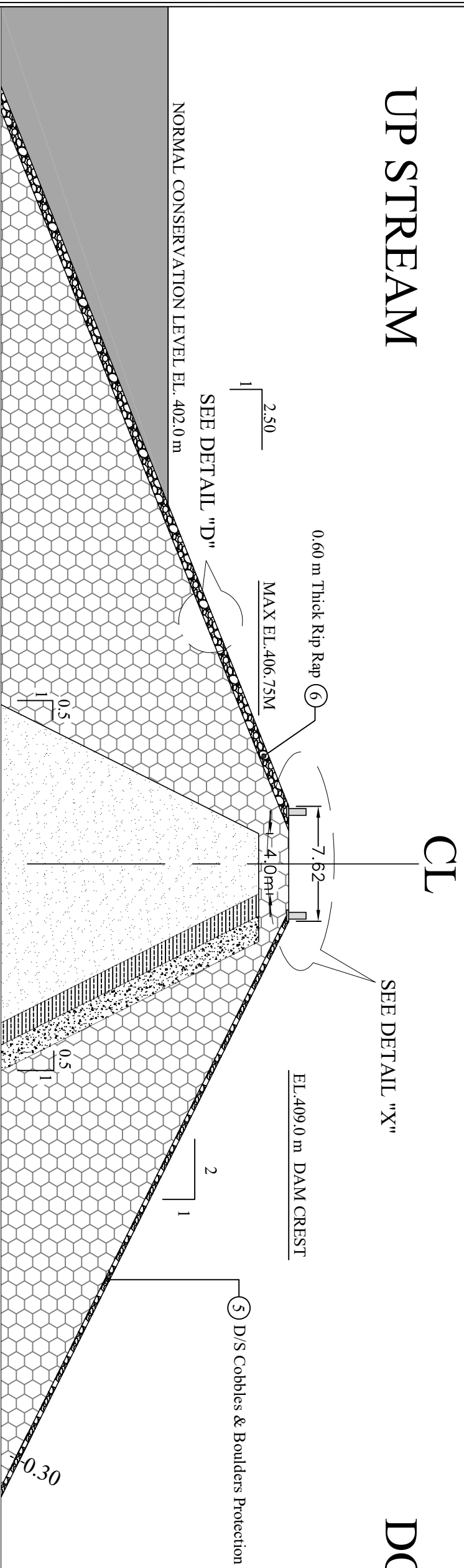


CLIENT:		CONSULTANTS:		PROJECT:		DRAWN BY		DRAWING NO.	
 GOVERNMENT OF KHYBER PAKHTUNKHWA DIRECTORATE GENERAL, SMALL DAMS, IRRIGATION DEPARTMENT, PESHAWAR		 CONSULTING ASSOCIATES NS TOWER,HAYATABAD COMMERCIAL COMPLEX NEAR WFP WAREHOUSE, MAIN ACHINI BALA ROAD,PESHAWAR PH #: 091-5701774-45 Fax - 091-5701775 E-MAIL: consultingassociates127@gmail.com		ZAMIR GUL DAM KOHAT		TANVIR ABBAS		ZGD-MD-04	
				TITLE: TYPICAL CROSS SECTION		REVISED BY MUNEER KHAN		REVISION NO.	
				SUB TITLE:		DESIGN BY FARID KHAN		SHEET NO.	
						CHECKED & SUBMITTED BY SHAKIL AHMAD		08	
								DATE: MAY, 2013	

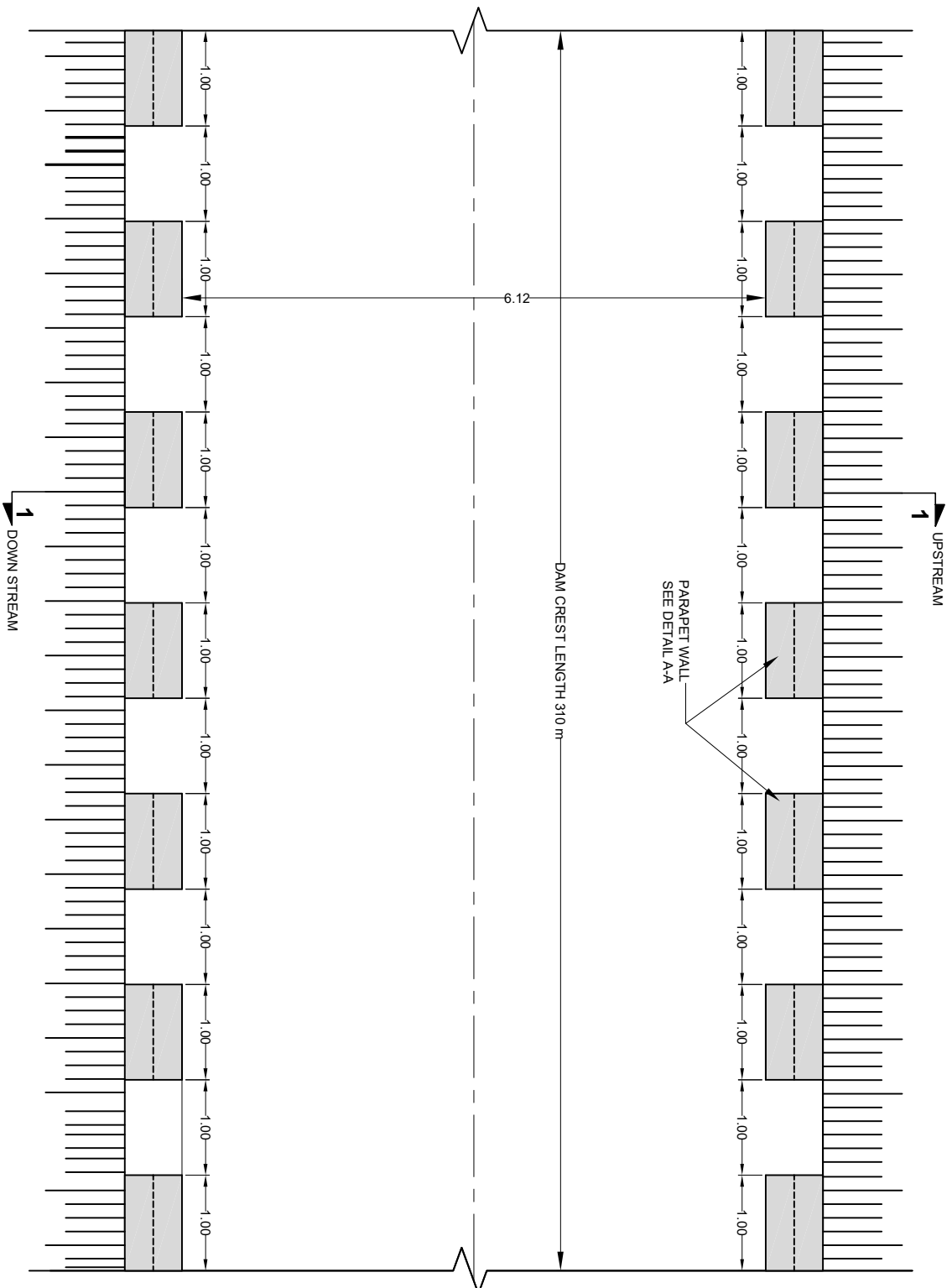
UP STREAM

CONSTRUCTION DRAWING

DOWN STREAM



CROSS SECTION 1-1



PLAN

CLIENT:



GOVERNMENT OF KHYBER PAKHTUNKHWA
DIRECTORATE GENERAL SMALL DAMS,
IRRIGATION DEPARTMENT, PESHAWAR

CONSULTANTS:



CONSULTING ASSOCIATES
NSTOWER,HAYATABAD COMMERCIAL COMPLEX
NEAR W/F WAREHOUSE, MAIN ACHINI BALA ROAD, PESHAWAR
PH #: 091-5701774-45 Fax: -091-5701775
E-MAIL: consultingassociate127@gmail.com

PROJECT:

ZAMIR GUL DAM
KOHAT

TITLE:

PARAPET WALL DETAILS

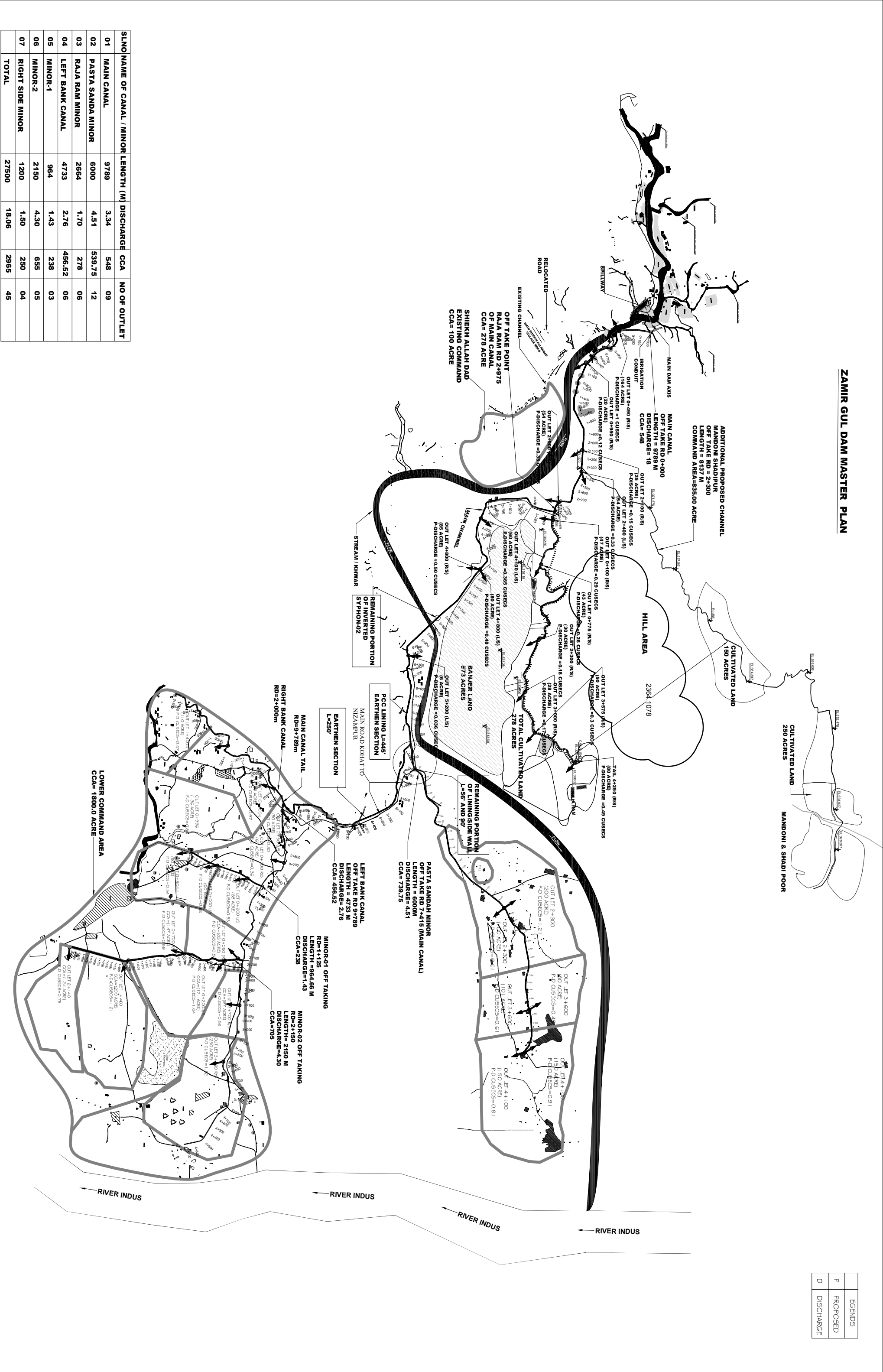
SUB TITLE:

DRAWN BY	TANVIR ABBAS	DRAWING NO.	ZGD-MD-05
REVISED BY	MUNEEB KHAN	REVISION NO.	03
DESIGN BY	FARID KHAN		
CHECKED & SUBMITTED BY	SHAKIL AHMAD	SHEET NO.	09
		DATE:	MAY, 2013

MAIN CHANNEL
PLAN AND PROFILE
FROM RD 0+000 TO 9+771

	EGENDS
P	PROPOSED
D	DISCHARGE

ZAMIR GUL DAM MASTER PLAN



S/LNO	NAME OF CANAL / MINOR	LENGTH (M)	DISCHARGE	CCA	NO OF OUTLET
01	MAIN CANAL	9789	3.34	548	09
02	PASTA SANDA MINOR	6000	4.51	539.75	12
03	RAJA RAM MINOR	2864	1.70	278	06
04	LEFT BANK CANAL	4733	2.76	456.52	06
05	MINOR-1	964	1.43	238	03
06	MINOR-2	2150	4.30	655	05
07	RIGHT SIDE MINOR	1200	1.50	250	04
	TOTAL	27500	18.06	2965	45

GOVERNMENT OF KHYBER PAKHTUNKHWA
DIRECTORATE GENERAL SMALL DAMS,
IRRIGATION DEPARTMENT, PESHAWAR



CONSULTING ASSOCIATES
NEAR DEANS COMPLEX APARTMENTS, BEHIND GUL
CNG BOARD BAZAAR, JAMRUD ROAD, PESHAWAR
PH #: 091-5701774-45 Fax : 091-5701775
E-MAIL: consultingassociate127@gmail.com

**ZAMIR GUL DAM PROJECT
KOHAT**

DRAWN BY	NAMWAB ZADA
DESIGN BY	SALAH UD DIN
CHECKED & SUBMITTED BY	SHAKIL AHMAD

KEY PLAN OF TOPOGRAPHIC MAP	FEET NO.
ZAMIR GUL DAM PROJECT	
DISTRICT KOHAT	



GOVERNMENT OF KHYBER PAKHTUNKHWA
DIRECTORATE GENERAL SMALL DAMS
IRRIGATION DEPARTMENT, PESHAWAR



CONSULTING ASSOCIATES
NS TOWER HAYATABAD COMMERCIAL COMPLEX
NEAR WFP WAREHOUSE, MAIN ACHINI BALA ROAD, PESHAWAR
PH# : 091-5701774-45 Fax : 091-5701775
E-MAIL : consultingassociates127@gmail.com

ZAMIR GUL DAM
DISTRICT, KOHAT

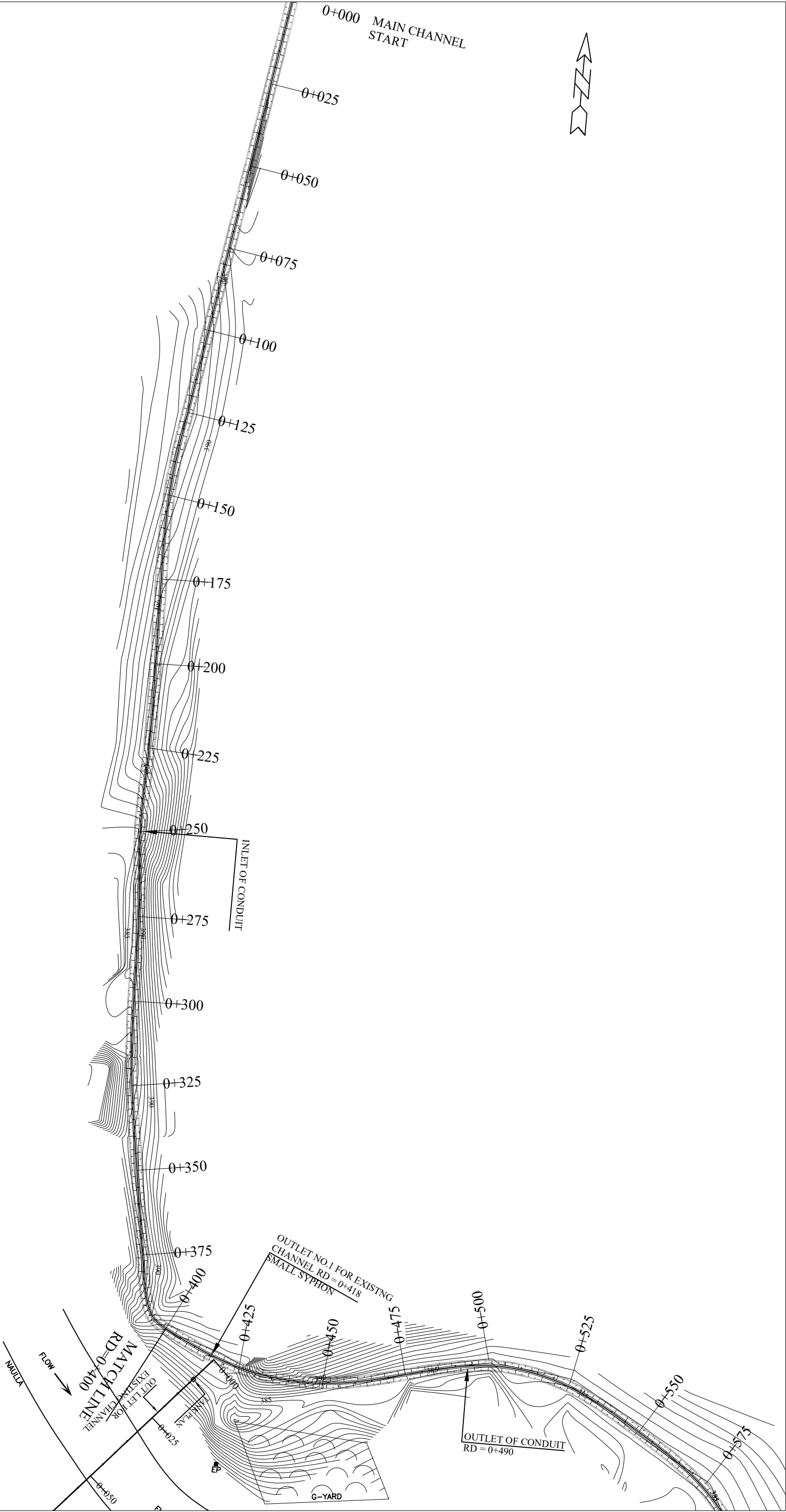
TITLE:
MAIN CHANNEL PLAN
SUB TITLE:
RD= 0+000 TO 0+400

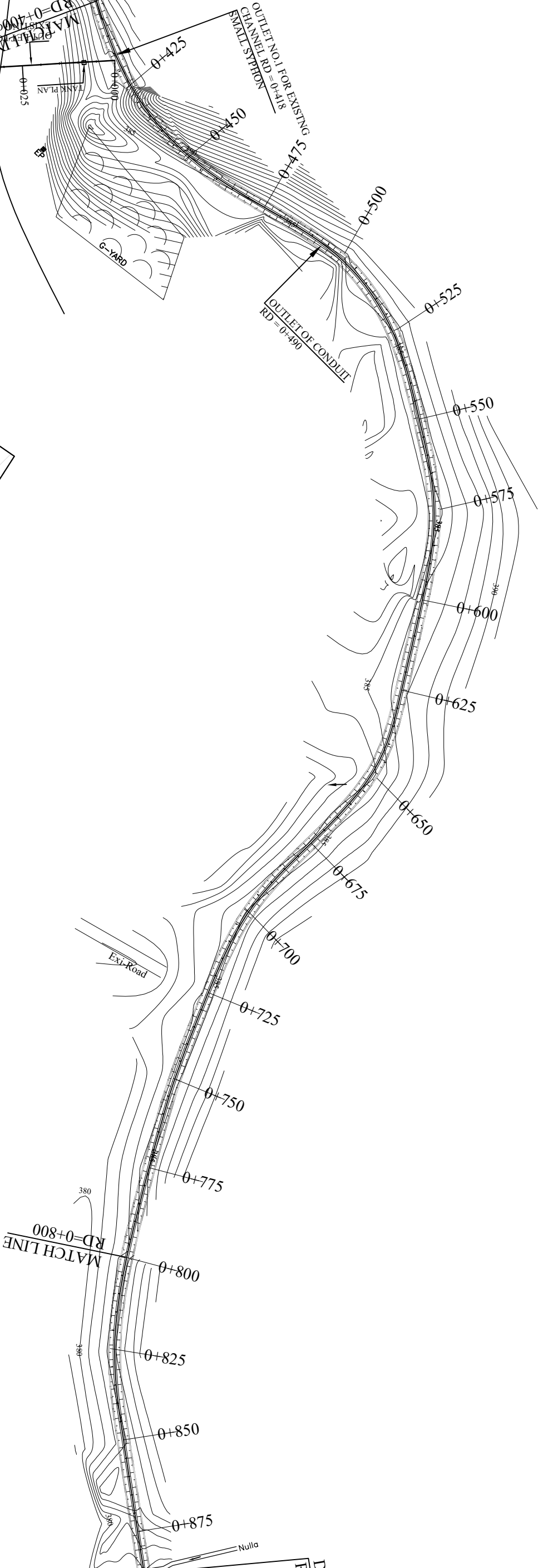
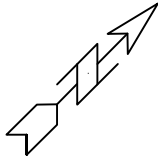
DRAWN BY	NAWAB ZADA
REVISED BY	MUNEEB KHAN
DESIGN BY	SALAH UDDIN
CHECKED & SUBMITTED BY	SHAKIL AHMAD

DRAWING NO.	ZGD-IS-MCH- 01
REVISION NO.	03
SHEET NO.	

DATE:
MAY, 2013

SCALES:
1M = 1200M HOR
1M = 120M VER





SCALES:
1M = 1200M HOR
1M = 120M VER



GOVERNMENT OF KHYBER PAKHTUNKHWA
DIRECTORATE GENERAL SMALL DAMS
IRRIGATION DEPARTMENT, PESHAWAR



CONSULTING ASSOCIATES
NS TOWER HAYATABAD COMMERCIAL COMPLEX
NEAR WFP WAREHOUSE, MAIN ACHINI BALA ROAD, PESHAWAR
PH# : 091-5701774-45 Fax : 091-5701775
E-MAIL : consultingassociates127@gmail.com

PROJECT:
ZAMIR GUL DAM
DISTRICT, KOHAT

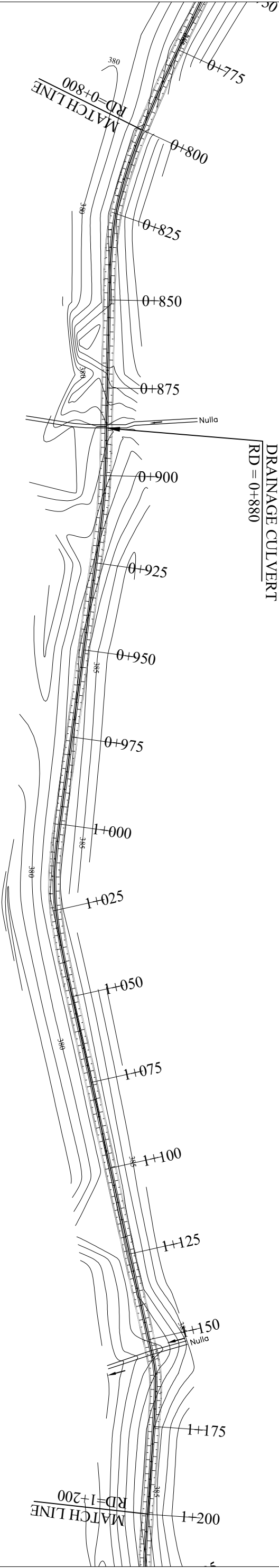
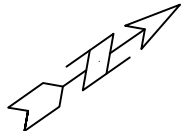
TITLE:
MAIN CHANNEL PLAN
SUB TITLE:
RD= 0+400 TO 0+800

DRAWN BY
REVISD BY
DESIGN BY
CHECKED &
SUBMITTED BY
NAWAB ZADA
MUNEEB KHAN
SALAH UD DIN
SHAKIL AHMAD

DRAWING NO.
REVISION NO.
SHEET NO.

ZGD-IS-MCH-02
03

DATE:
MAY, 2013



SCALES:
1M = 1200M HOR
1M = 120M VER



GOVERNMENT OF KHYBER PAKHTUNKHWA
DIRECTORATE GENERAL SMALL DAMS
IRRIGATION DEPARTMENT, PESHAWAR

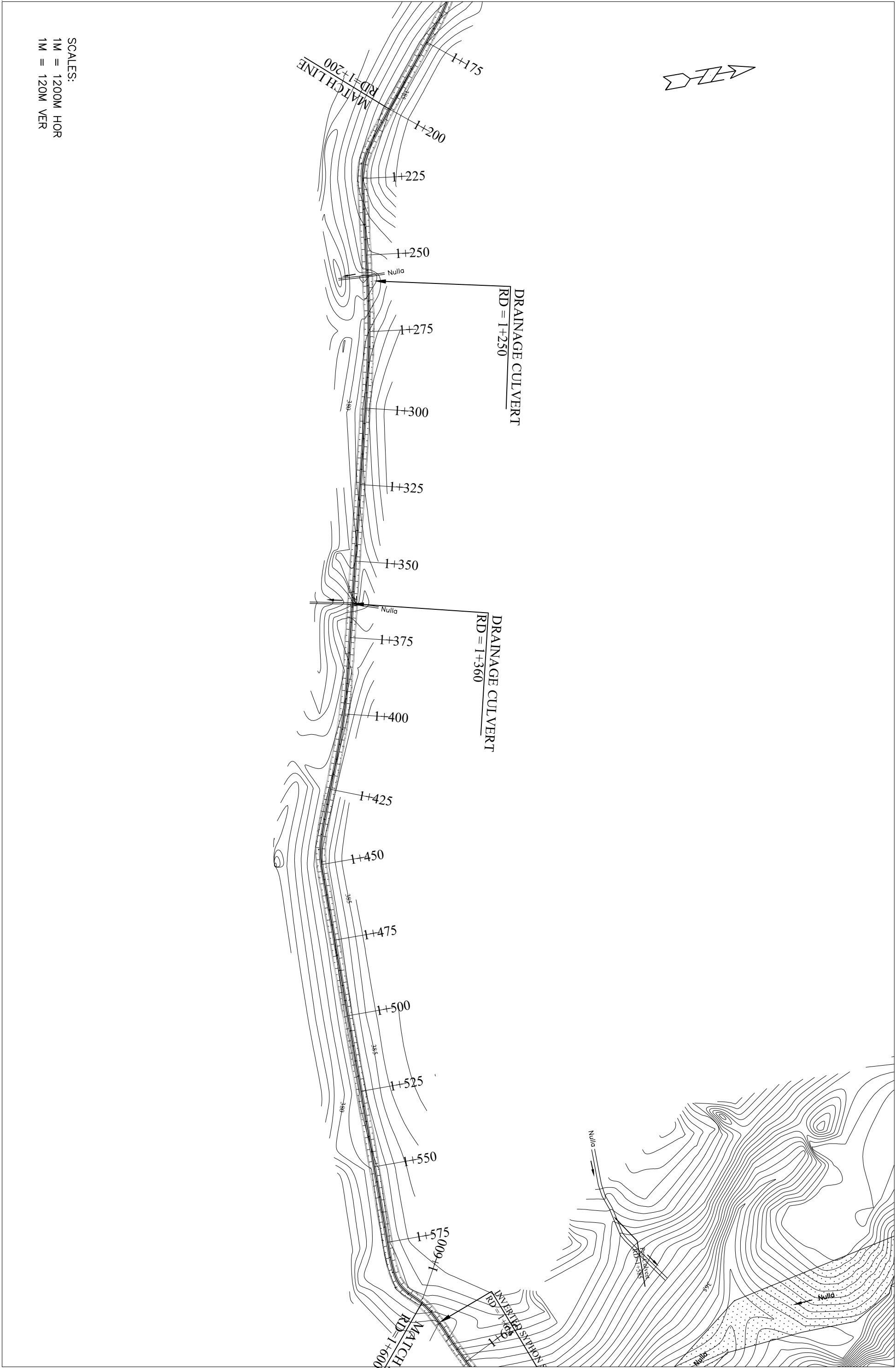


CONSULTING ASSOCIATES
NS TOWER HAYATABAD COMMERCIAL COMPLEX
NEAR WFP WAREHOUSE, MAIN ACHINI BALA ROAD, PESHAWAR
PH #: 091-5701774-45 Fax: - 091-5701775
E-MAIL: consultingassociates127@gmail.com

PROJECT:
ZAMIR GUL DAM
DISTRICT, KOHAT

TITLE:		DRAWN BY		DRAWING NO.	
MAIN CHANNEL PLAN		NAWAB ZADA		ZGD-IS-MCH-03	
SUB TITLE:		REVISED BY		REVISION NO.	
RD= 0+800 TO 1+200		MUNEEB KHAN		03	
		DESIGN BY			
		SALAH UD DIN			
		CHECKED &			
		SHAKIL AHMAD			
		SUBMITTED BY			

DATE:
MAY, 2013



SCALES:
1M = 1200M HOR
1M = 120M VER



GOVERNMENT OF KHYBER PAKHTUNKHWA
DIRECTORATE GENERAL SMALL DAMS
IRRIGATION DEPARTMENT, PESHAWAR



CONSULTING ASSOCIATES
NS TOWER HAYATABAD COMMERCIAL COMPLEX
NEAR WFP WAREHOUSE, MAIN ACHINI BALA ROAD, PESHAWAR
PH #: 091-5701774, 45 Fax: - 091-5701775
E-MAIL: consultingassociates127@gmail.com

ZAMIR GUL DAM
DISTRICT, KOHAT

TITLE:
MAIN CHANNEL PLAN
SUB TITLE:
RD=1+200 TO 1+600

DRAWN BY
REVISIED BY
DESIGN BY
CHECKED &
SUBMITTED BY
NAWAB ZADA
MUNEEB KHAN
SALAH UD DIN
SHAKIL AHMAD

DRAWING NO.
REVISION NO.
SHEET NO.

ZGD-IS-MCH- 04

DATE:
MAY, 2013



CLIENT:

**GOVERNMENT OF KHYBER PAKHTUNKHWA
DIRECTORATE GENERAL SMALL DAMS,
IRRIGATION DEPARTMENT, PESHAWAR**



CONSULTANTS:

CONSULTING ASSOCIATES
NS TOWER HAYATABAD COMMERCIAL COMPLEX
NEAR WFP WAREHOUSE, MAIN ACHINI BALA ROAD, PESHAWAR
PH # : 091-5701774-45 Fax : 091-5701775
E-MAIL : consultingassociate127@gmail.com

PROJECT:

ZAMIR GUL DAM
DISTRICT, KOHAT

TITLE:

MAIN CHANNEL PLAN

SUB TITLE:

RD=1+600 TO 2+000

DRAWN BY

NAWAB ZADA

DRAWING NO.

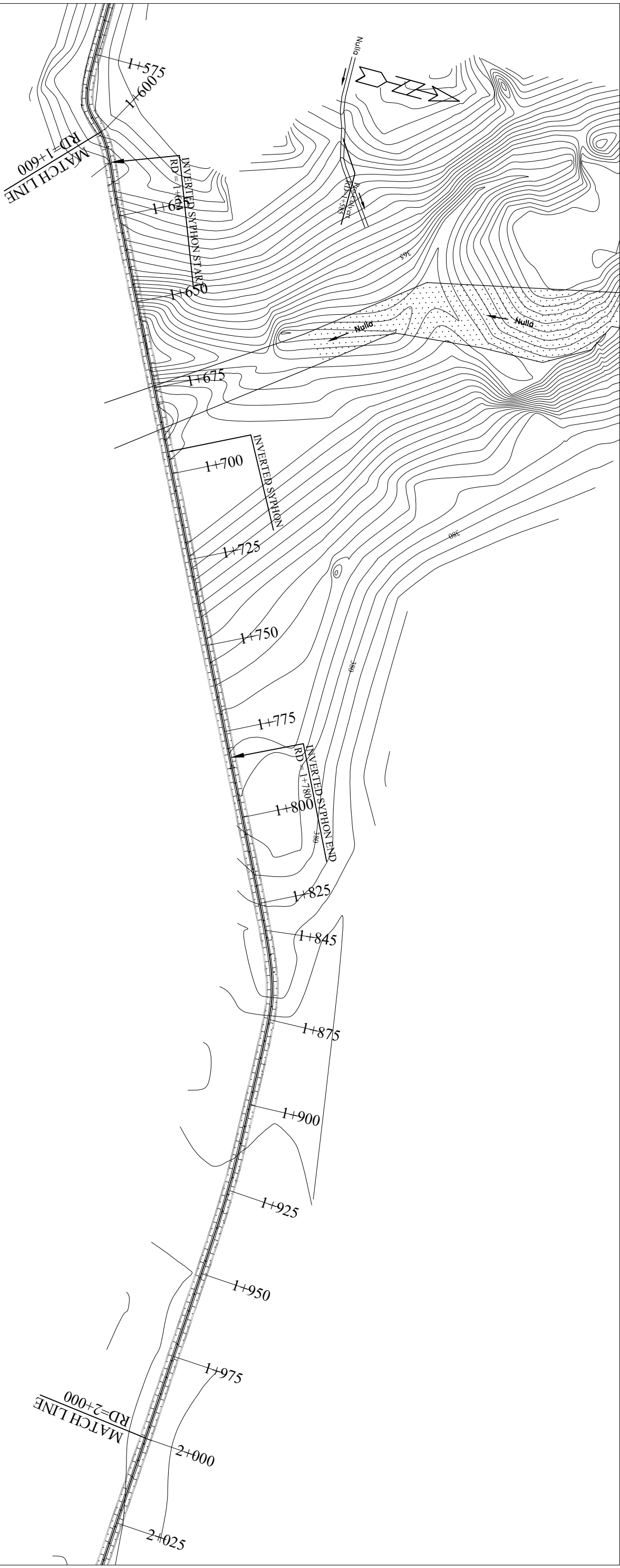
ZGD-IS-MCH-05

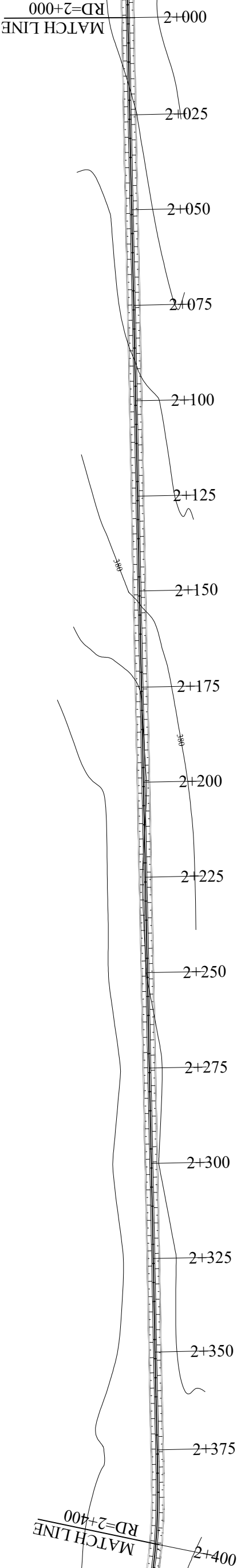
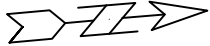
REVISION NO.

03

DATE:

MAY, 2013





SCALES:
1M = 1200M HOR
1M = 120M VER



GOVERNMENT OF KHYBER PAKHTUNKHWA
DIRECTORATE GENERAL SMALL DAMS
IRRIGATION DEPARTMENT, PESHAWAR

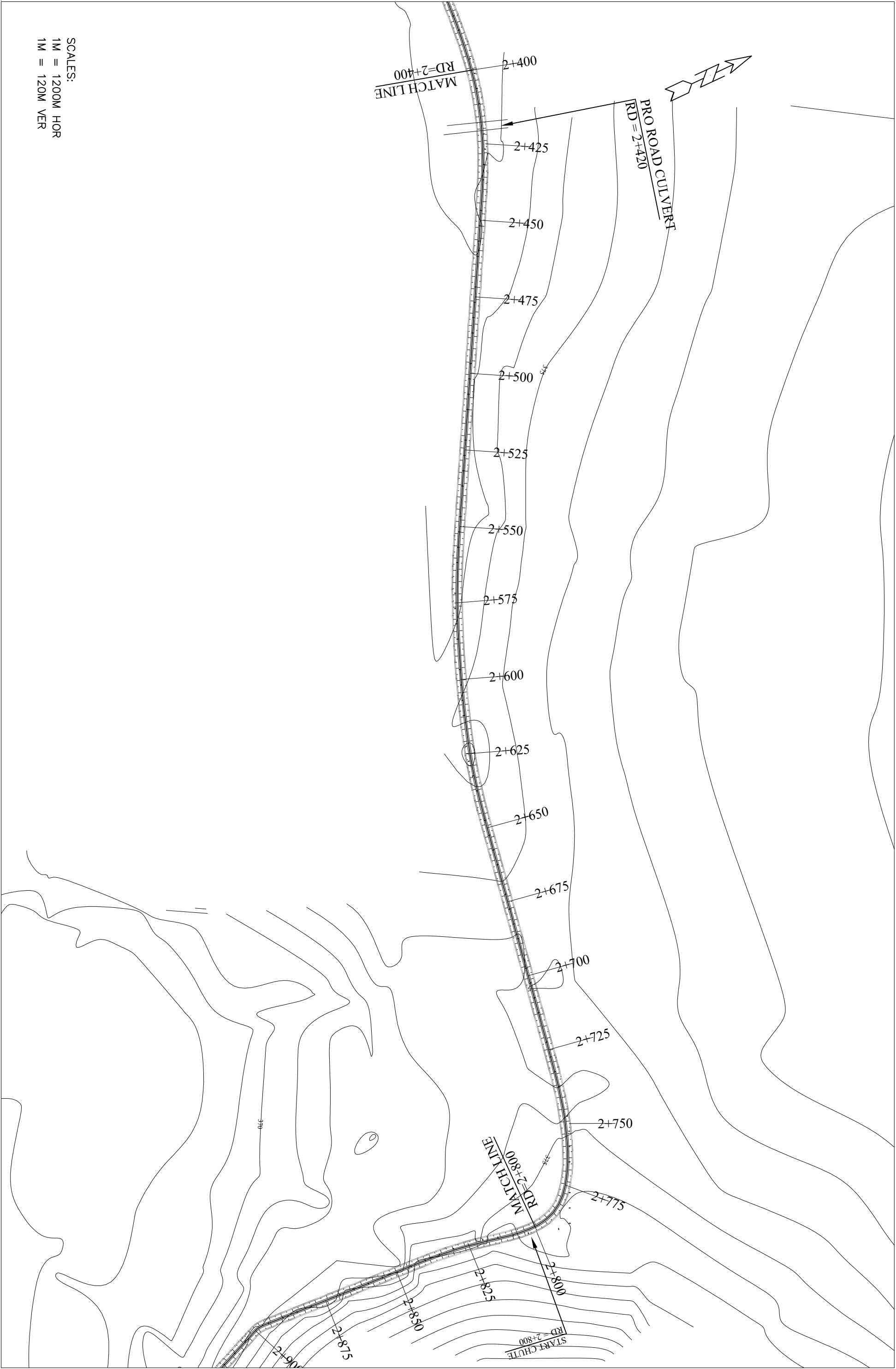


CONSULTING ASSOCIATES
NS TOWER HAYATABAD COMMERCIAL COMPLEX
NEAR WFP WAREHOUSE, MAIN ACHINI BALA ROAD, PESHAWAR
PH #: 091-5701774-45 Fax: - 091-5701775
E-MAIL: consultingassociates127@gmail.com

PROJECT:
ZAMIR GUL DAM
DISTRICT, KOHAT

TITLE:		DRAWN BY		DRAWING NO.	
MAIN CHANNEL PLAN		NAWAB ZADA		ZGD-IS-MCH-06	
SUB TITLE:		REVISED BY		REVISION NO.	
RD= 2+000 TO 2+400		DESIGN BY		03	
		CHECKED & SUBMITTED BY		SHEET NO.	
		SHAKIL AHMAD			

DATE:
MAY, 2013



SCALES:
1M = 1200M HOR
1M = 120M VER



GOVERNMENT OF KHYBER PAKHTUNKHWA
DIRECTORATE GENERAL SMALL DAMS
IRRIGATION DEPARTMENT, PESHAWAR



CONSULTING ASSOCIATES
NS TOWER HAYATABAD COMMERCIAL COMPLEX
NEAR WFP WAREHOUSE, MAIN ACHINI BALA ROAD, PESHAWAR
PH# : 091-5701774-45 Fax : 091-5701775
E-MAIL: consultingassociates127@gmail.com

ZAMIR GUL DAM
DISTRICT, KOHAT

TITLE:
MAIN CHANNEL PLAN
SUB TITLE:
RD= 2+400 TO 2+800

DRAWN BY
REVISD BY
DESIGN BY
CHECKED &
SUBMITTED BY
NAWAB ZADA
MUNEEB KHAN
SALAH UD DIN
SHAKIL AHMAD

DRAWING NO.
REVISION NO.
SHEET NO.

ZGD-IS-MCH-07
03

DATE:
MAY, 2013



CONSULTANTS:



TITLE:

MAIN CHANNEL PLAN

SUB TITLE:

RD=2+800 TO 3+200

DRAWN BY

NAWAB ZADA

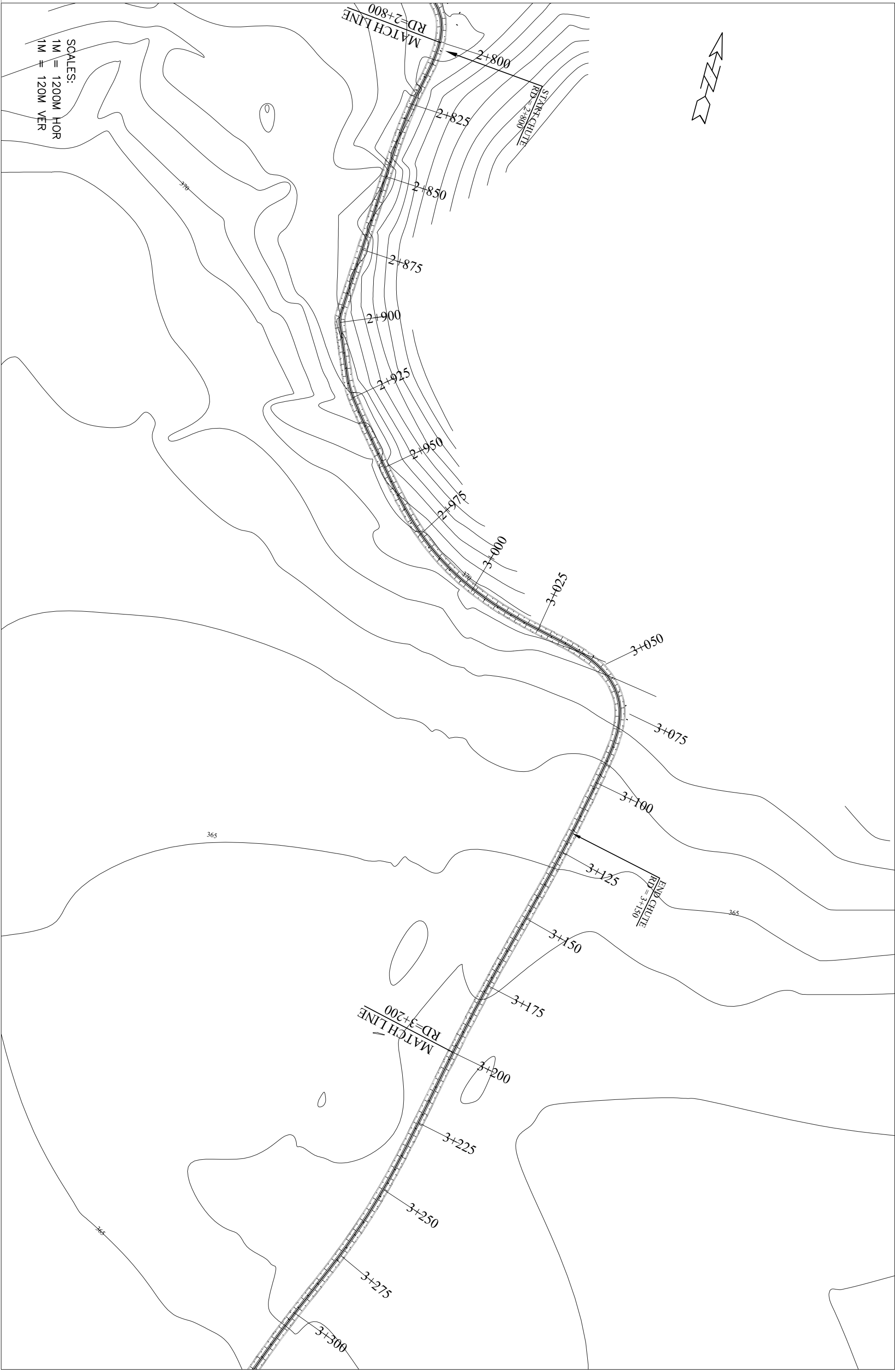
7
7
2
2
2
2
2
2
2
2

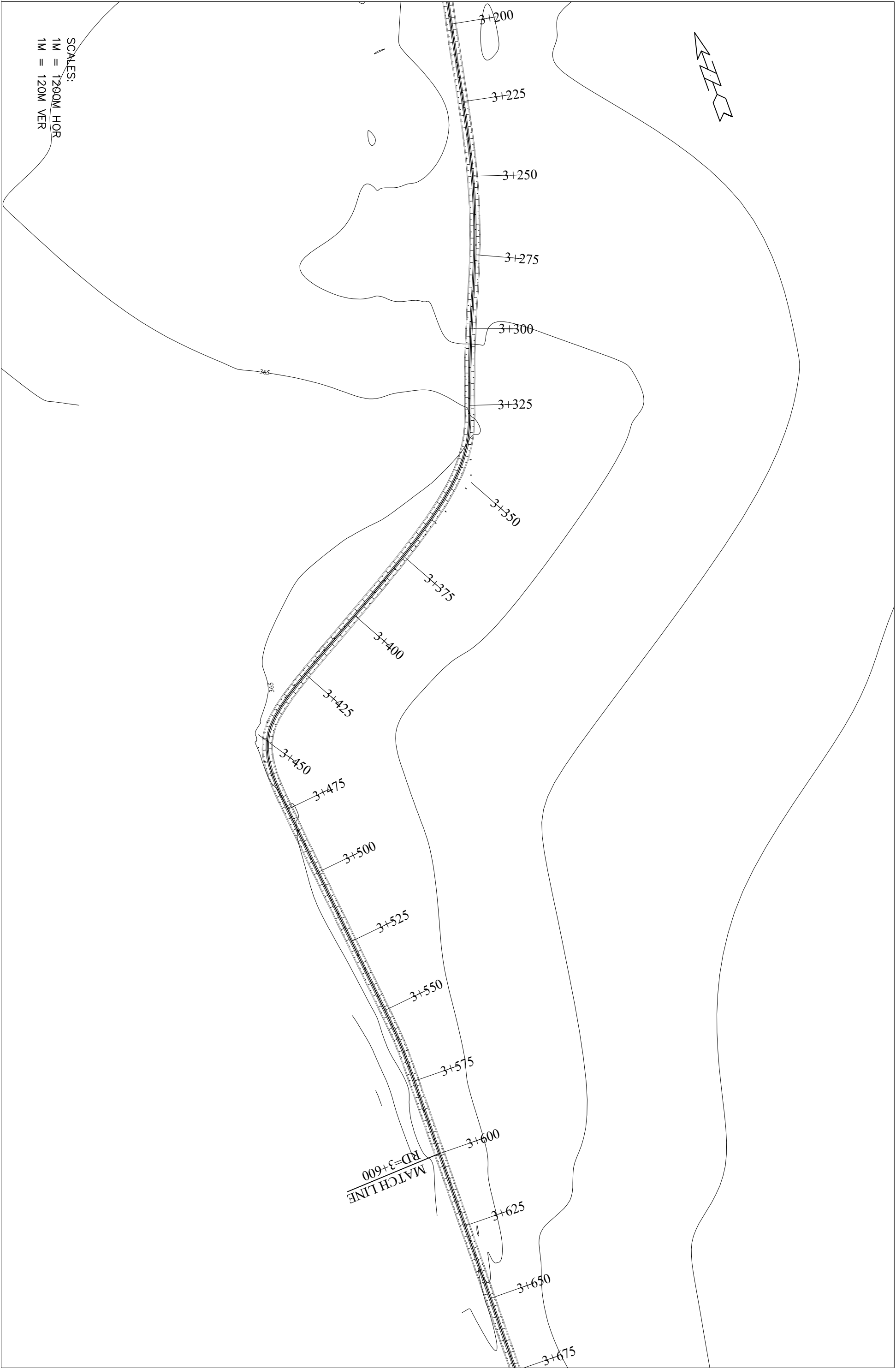
ZGD-IS-MCH-08

REVISION NO.

03

DATE:





SCALES:
1M = 1200M HOR
1M = 120M VER



GOVERNMENT OF KHYBER PAKHTUNKHWA
DIRECTORATE GENERAL SMALL DAMS
IRRIGATION DEPARTMENT, PESHAWAR



CONSULTING ASSOCIATES
NS TOWER HAYATABAD COMMERCIAL COMPLEX
NEAR WFP WAREHOUSE, MAIN ACHINI BALA ROAD, PESHAWAR
PH #: 091-5701774-45 Fax: - 091-5701775
E-MAIL: consultingassociates127@gmail.com

PROJECT:
ZAMIR GUL DAM
DISTRICT, KOHAT

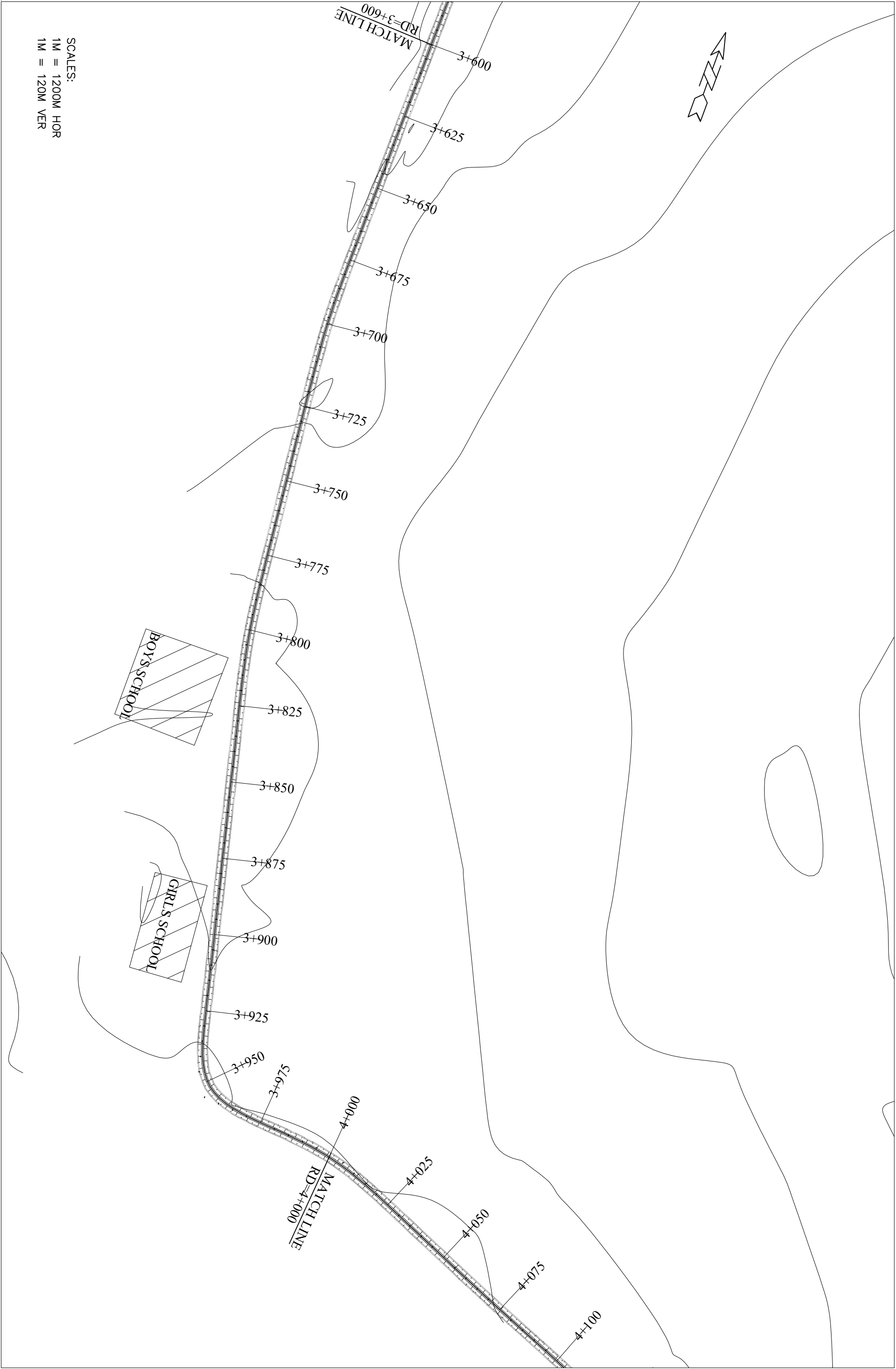
TITLE:
MAIN CHANNEL PLAN
SUB TITLE:
RD= 3+200 TO 3+600

DRAWN BY	NAWAB ZADA
REVISED BY	MUNEEB KHAN
DESIGN BY	SALAH UD DIN
CHECKED & SUBMITTED BY	SHAKIL AHMAD

DRAWING NO.	
REVISION NO.	
SHEET NO.	

ZGD-IS-MCH-09

DATE:
MAY, 2013



SCALES:
1M = 1200M HOR
1M = 120M VER



GOVERNMENT OF KHYBER PAKHTUNKHWA
DIRECTORATE GENERAL SMALL DAMS
IRRIGATION DEPARTMENT, PESHAWAR

CLIENT:



CONSULTING ASSOCIATES
NS TOWER HAYATABAD COMMERCIAL COMPLEX
NEAR WFP WAREHOUSE, MAIN ACHINI BALA ROAD, PESHAWAR
PH #: 091-5701774-45 Fax: - 091-5701775
E-MAIL: consultingassociates127@gmail.com

CONSULTANTS:

PROJECT:

ZAMIR GUL DAM
DISTRICT, KOHAT

TITLE:

MAIN CHANNEL PLAN

SUB TITLE:

RD= 3+600 TO 4+000

DRAWN BY

NAWAB ZADA

REVISED BY

MUNEEB KHAN

DESIGN BY

SALAH UD DIN

CHECKED &
SUBMITTED BY

SHAKIL AHMAD

DRAWING NO.

ZGD-IS-MCH-10

REVISION NO.

03

DATE:

MAY, 2013

SHEET NO.



CONSULTANTS:



PROJECT:

ZAMIR GUL DAM
DISTRICT, KOHAT

TITLE:

MAIN CHANNEL PLAN

SUB TITLE:

RD=4+000 TO 4+400

DRAWN BY

NAWAB ZADA

DRAWING NO.

ZGD-IS-MCH-11

REVISION NO.

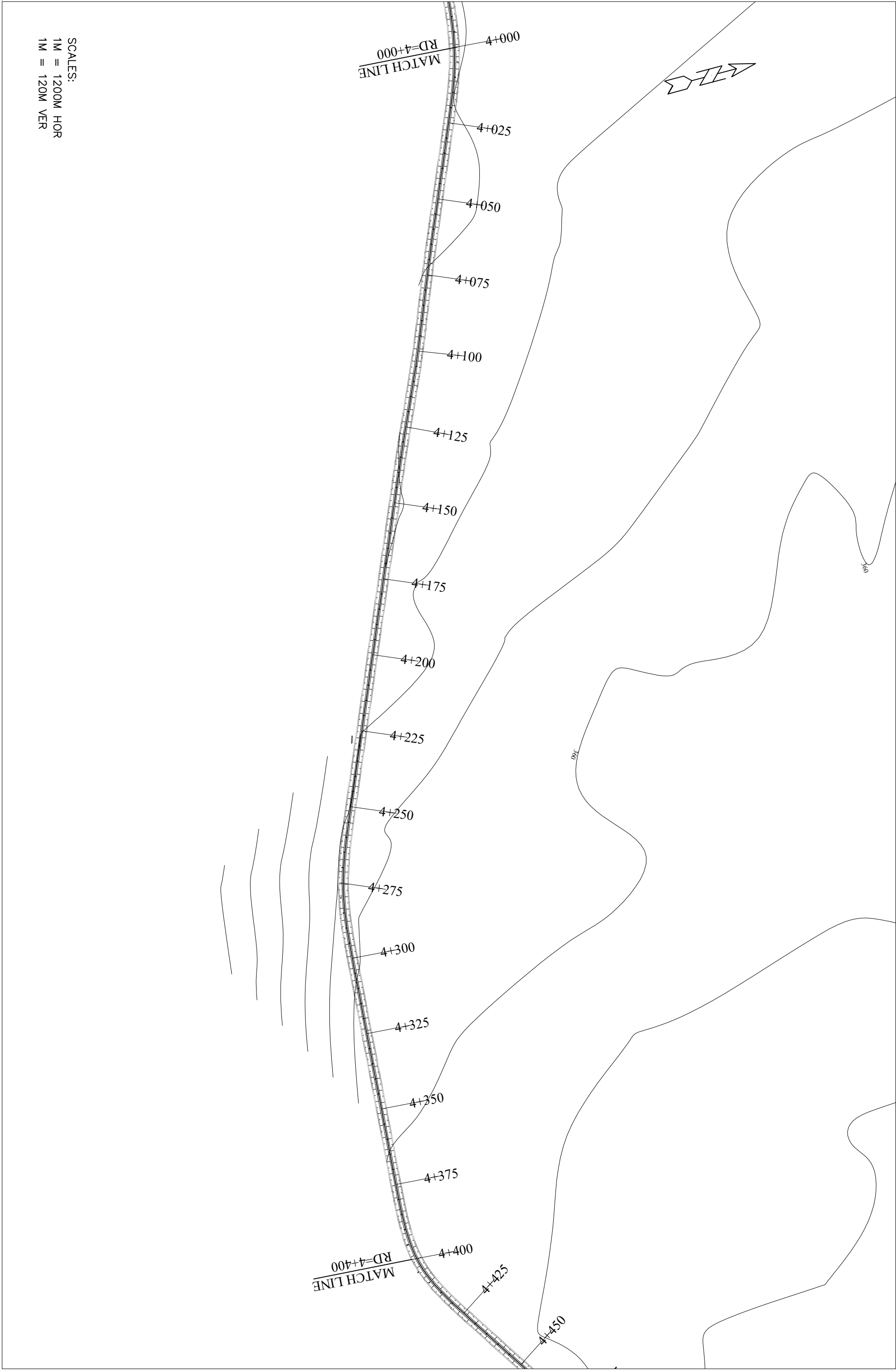
03

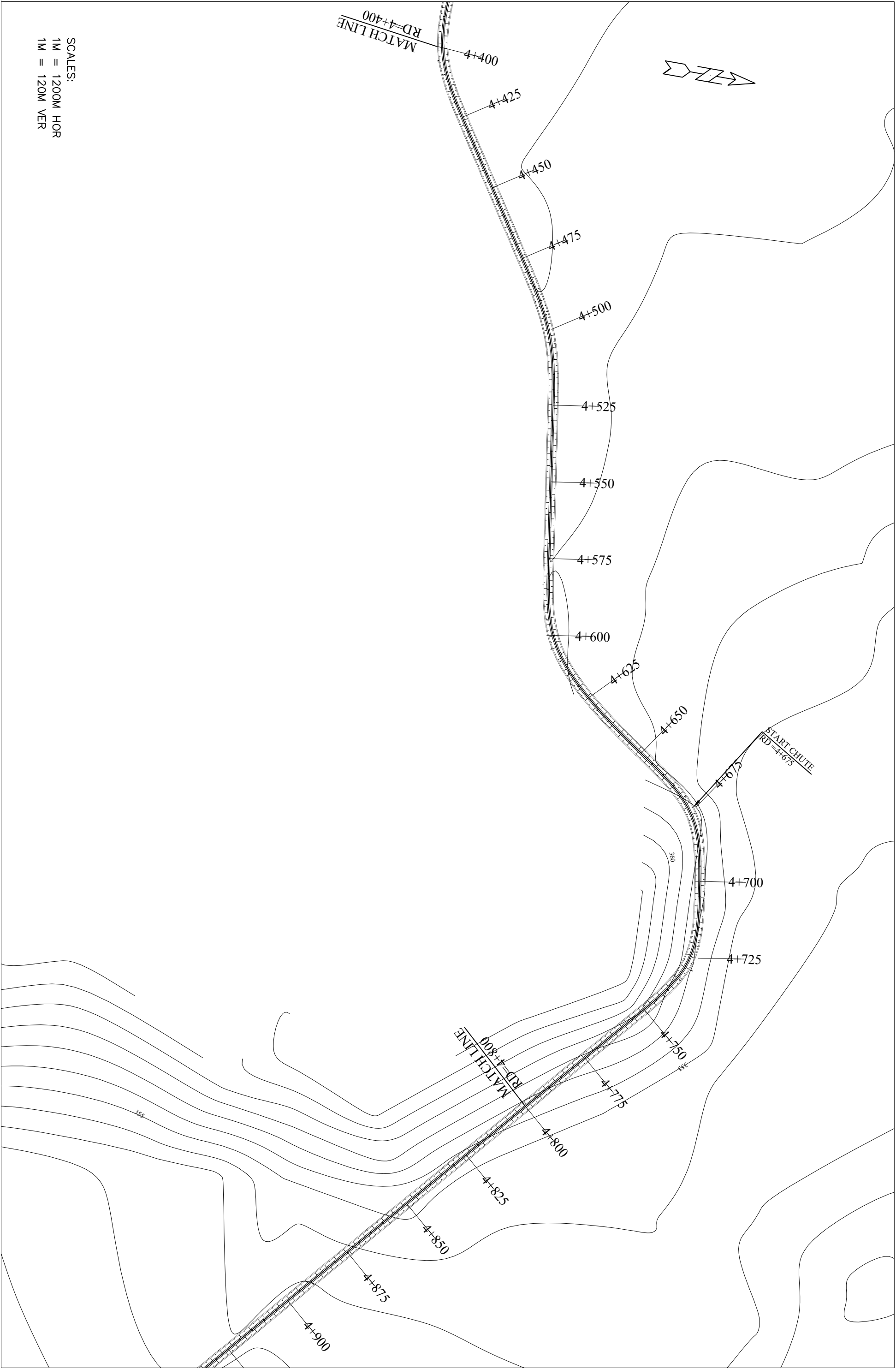
SUBMITTED BY

SHAKIL AHMAD

SHEET NO.

MAY, 2013





SCALES:
1M = 1200M HOR
1M = 120M VER



DIRECTORATE GENERAL SMALL DAMS
IRRIGATION DEPARTMENT, PESHAWAR



NS TOWER HAYATABAD COMMERCIAL COMPLEX
NEAR WFP WAREHOUSE, MAIN ACHINI BALA ROAD, PESHAWAR
PH# : 091-5701774-45 Fax : 091-5701775
E-MAIL: consultingassociates127@gmail.com

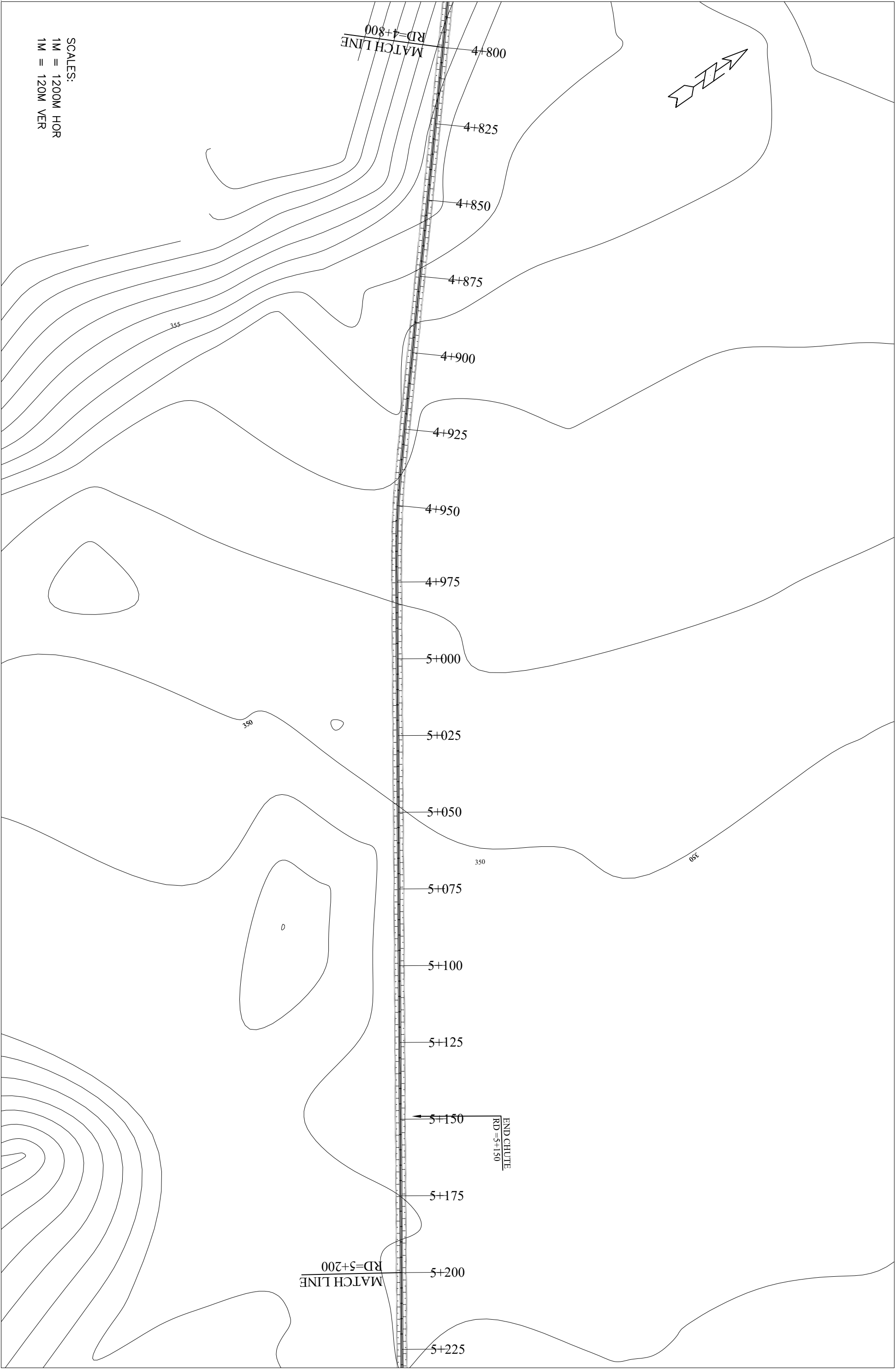
ZAMIR GUL DAM
DISTRICT, KOHAT

MAIN CHANNEL PLAN
RD= 4+400 TO 4+800

DRAWN BY	NAWAB ZADA
REVISED BY	MUNEEB KHAN
DESIGN BY	SALAH UD DIN
CHECKED & SUBMITTED BY	SHAKIL AHMAD

DRAWING NO.	ZGD-IS-MCH-12
REVISION NO.	03
SHEET NO.	

DATE:
MAY, 2013



SCALES:
1M = 1200M HOR
1M = 120M VER



GOVERNMENT OF KHYBER PAKHTUNKHWA
DIRECTORATE GENERAL SMALL DAMS
IRRIGATION DEPARTMENT, PESHAWAR

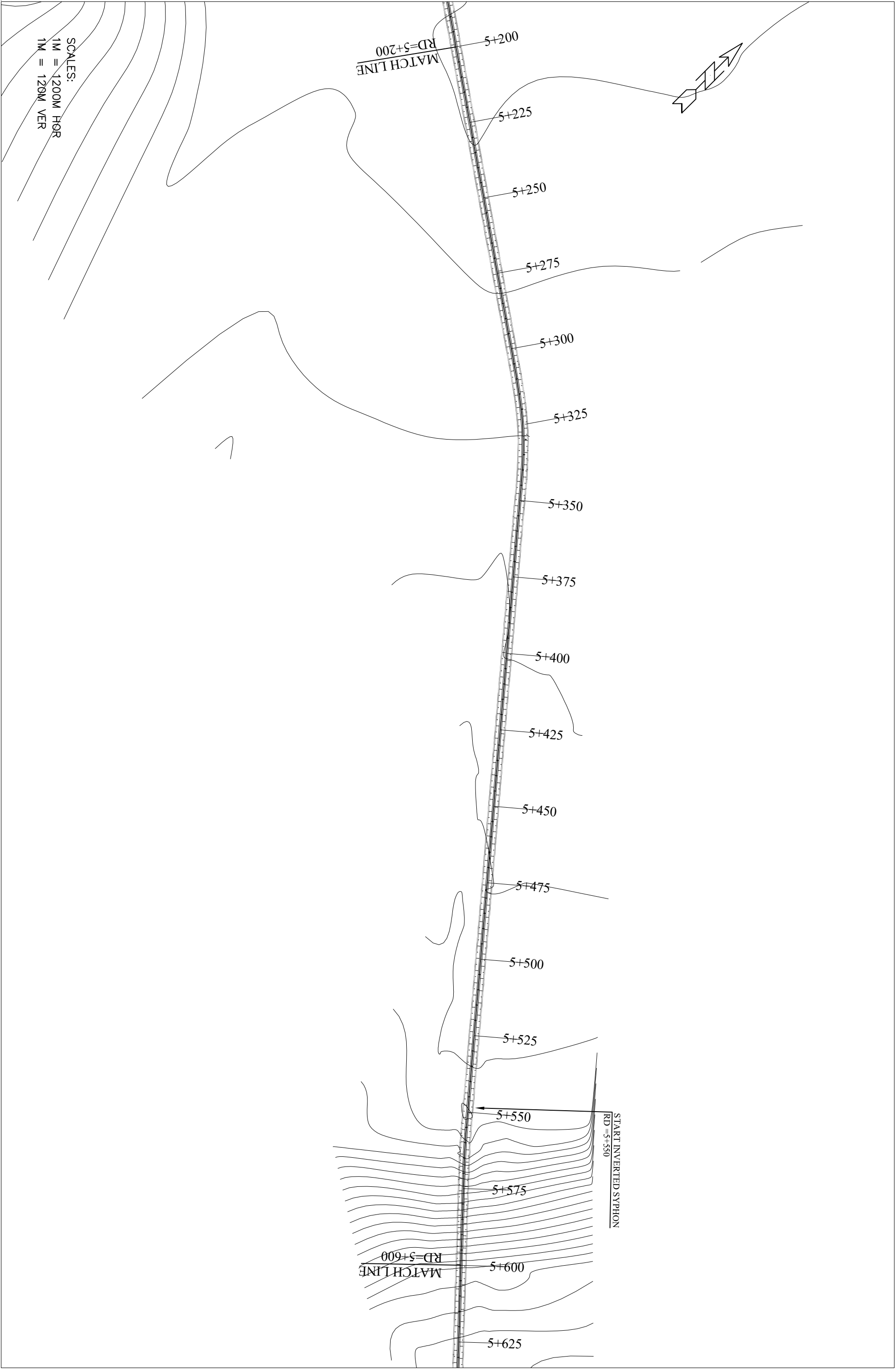


CONSULTING ASSOCIATES
NS TOWER HAYATABAD COMMERCIAL COMPLEX
NEAR WFP WAREHOUSE, MAIN AJCHINI BALA ROAD, PESHAWAR
PH #: 091-5701774-45 Fax: - 091-5701775
E-MAIL: consultingassociates127@gmail.com

ZAMIR GUL DAM
DISTRICT, KOHAT

TITLE:		DRAWN BY		DRAWING NO.	
MAIN CHANNEL PLAN		NAWAB ZADA		ZGD-IS-MCH-13	
SUB TITLE:		REVISED BY		REVISION NO.	
RD= 4+800 TO 5+200		MUNEEB KHAN		03	
CHECKED & SUBMITTED BY		SALAHI UD DIN		SHEET NO.	
SHAKIL AHMAD					

DATE:
MAY, 2013



SCALES:
1M = 1200M HOR
1M = 120M VER



GOVERNMENT OF KHYBER PAKHTUNKHWA
DIRECTORATE GENERAL SMALL DAMS
IRRIGATION DEPARTMENT, PESHAWAR



CONSULTING ASSOCIATES
NS TOWER HAYATABAD COMMERCIAL COMPLEX
NEAR WFP WAREHOUSE, MAIN ACHINI BALA ROAD, PESHAWAR
PH #: 091-5701774-45 Fax: - 091-5701775
E-MAIL: consultingassociates127@gmail.com

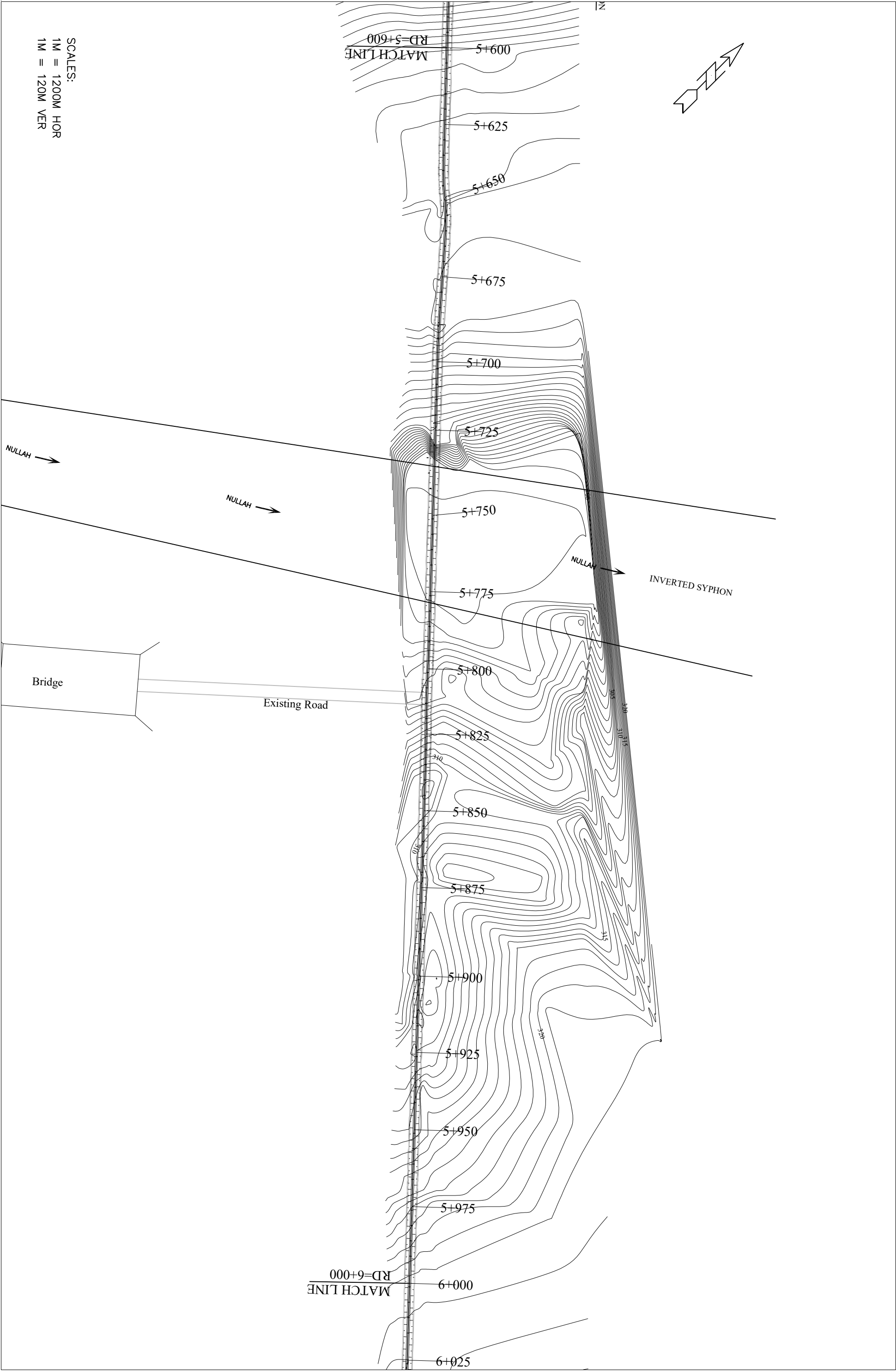
ZAMIR GUL DAM
DISTRICT, KOHAT

TITLE:
MAIN CHANNEL PLAN
SUB TITLE:
RD= 5+200 TO 5+600

DRAWN BY	NAWAB ZADA
REVISED BY	MUNEEB KHAN
DESIGN BY	SALAH UD DIN
CHECKED & SUBMITTED BY	SHAKIL AHMAD

DRAWING NO.	ZGD-IS-MCH- 14
REVISION NO.	03
SHEET NO.	

DATE:
MAY, 2013



SCALES:
1M = 1200M HOR
1M = 120M VER



GOVERNMENT OF KHYBER PAKHTUNKHWA
DIRECTORATE GENERAL SMALL DAMS
IRRIGATION DEPARTMENT, PESHAWAR



CONSULTING ASSOCIATES
NS TOWER HAYATABAD COMMERCIAL COMPLEX
NEAR WFP WAREHOUSE, MAIN ACHINI BALA ROAD, PESHAWAR
PH #: 091-5701774-45 Fax: - 091-5701775
E-MAIL: consultingassociates127@gmail.com

PROJECT:
ZAMIR GUL DAM
DISTRICT, KOHAT

TITLE:
MAIN CHANNEL PLAN
SUB TITLE:
RD= 5+600 TO 6+000

DRAWN BY	NAWAB ZADA
REVISED BY	MUNEEB KHAN
DESIGN BY	SALAH UD DIN
CHECKED & SUBMITTED BY	SHAKIL AHMAD

DRAWING NO.	ZGD-IS-MCH-15
REVISION NO.	03
SHEET NO.	

DATE:
MAY, 2013



SCALES:
1M = 1200M HOR
1M = 120M VER



GOVERNMENT OF KHYBER PAKHTUNKHWA
DIRECTORATE GENERAL SMALL DAMS
IRRIGATION DEPARTMENT, PESHAWAR



CONSULTING ASSOCIATES
NS TOWER HAYATABAD COMMERCIAL COMPLEX
NEAR WFP WAREHOUSE, MAIN ACHINI BALA ROAD, PESHAWAR
PH# : 091-5701774-45 Fax : 091-5701775
E-MAIL: consultingassociates127@gmail.com

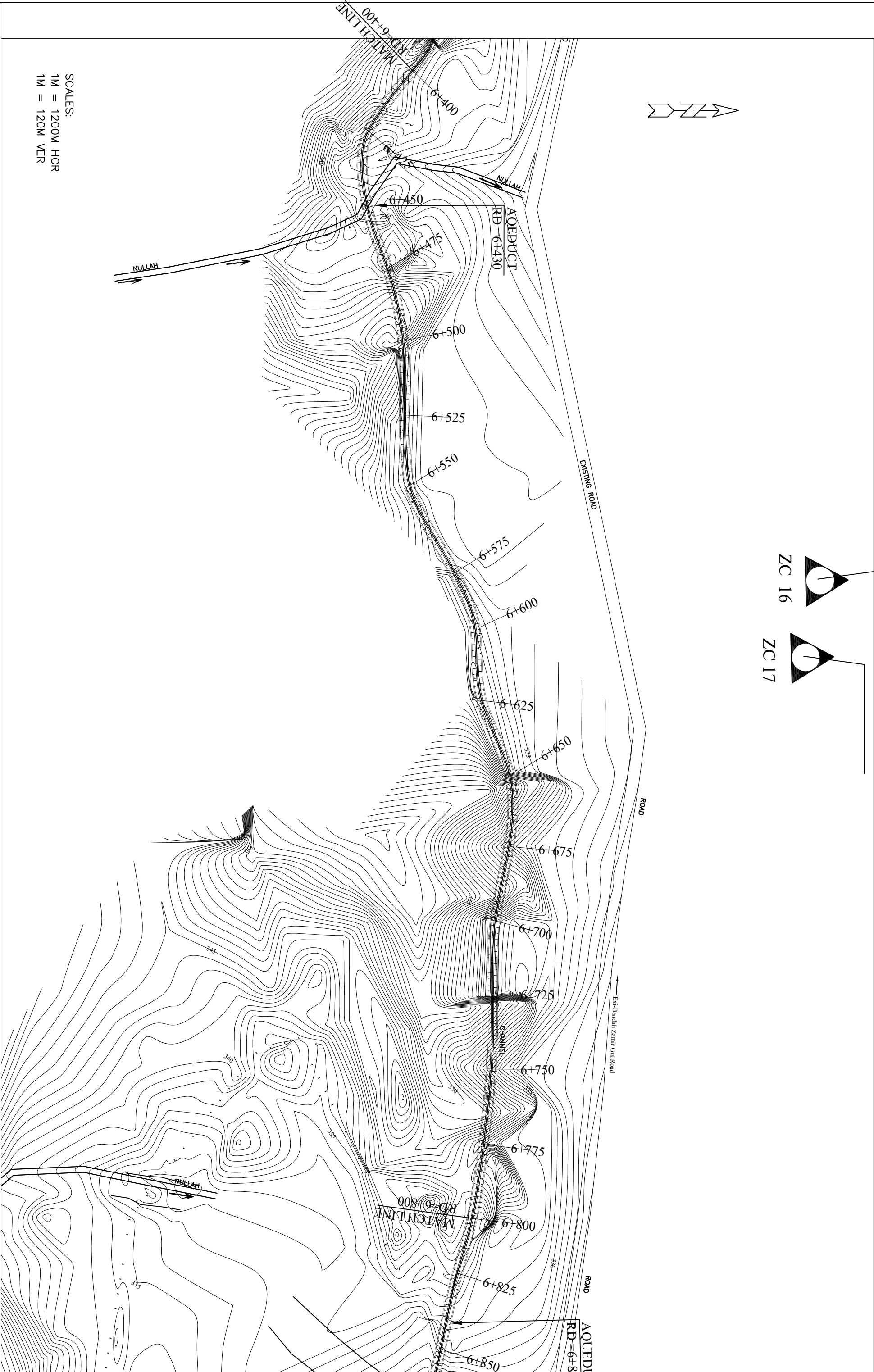
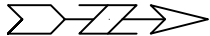
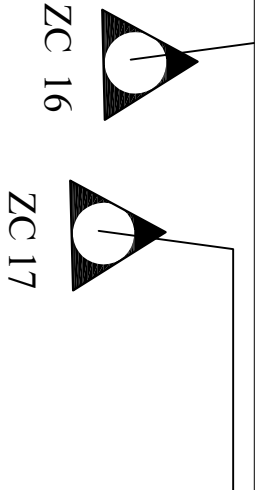
PROJECT:
ZAMIR GUL DAM
DISTRICT, KOHAT

TITLE:
MAIN CHANNEL PLAN
SUB TITLE:
RD= 6+000 TO 6+400

DRAWN BY
REVISD BY
DESIGN BY
CHECKED &
SUBMITTED BY
NAWAB ZADA
MUNEEB KHAN
SALAH UD DIN
SHAKIL AHMAD

DRAWING NO.
REVISION NO.
SHEET NO.
ZGD-IS-MCH-16
03

DATE:
MAY, 2013



SCALES:
1M = 1200M HOR
1M = 120M VER



GOVERNMENT OF KHYBER PAKHTUNKHWA
DIRECTORATE GENERAL SMALL DAMS
IRRIGATION DEPARTMENT, PESHAWAR



CONSULTING ASSOCIATES
NS TOWER HAYATABAD COMMERCIAL COMPLEX
NEAR WFP WAREHOUSE, MAIN AJHINI BALA ROAD, PESHAWAR
PH #: 091-5701774, 45 Fax: - 091-5701775
E-MAIL: consultingassociates127@gmail.com

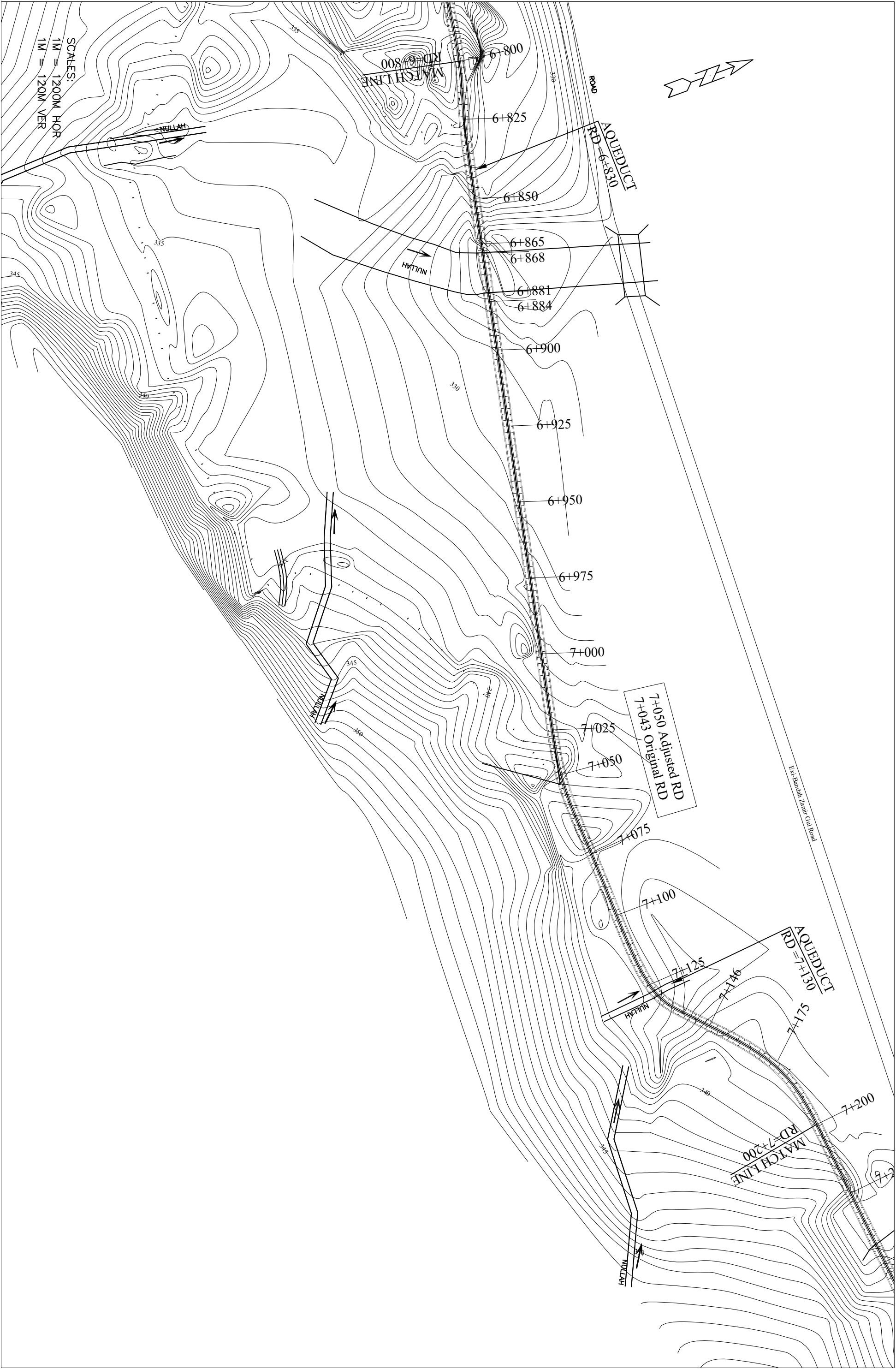
PROJECT:
ZAMIR GUL DAM
DISTRICT, KOHAT

TITLE:
MAIN CHANNEL PLAN
SUB TITLE:
RD= 6+400 TO 6+800

DRAWN BY	NAWAB ZADA
REVISED BY	MUNEEB KHAN
DESIGN BY	SALAH UD DIN
CHECKED & SUBMITTED BY	SHAKIL AHMAD

DRAWING NO.	ZGD-IS-MCH-17
REVISION NO.	03
SHEET NO.	

DATE:
MAY, 2013



DIRECTORATE GENERAL SMALL DAMS
IRRIGATION DEPARTMENT, PESHAWAR



NS TOWER HAYATABAD COMMERCIAL COMPLEX
NEAR WFP WAREHOUSE, MAIN ACHINI BALA ROAD, PESHAWAR
P# 01-5701774-45 Fax - 091-5701775
E-MAIL: consultingassociates127@gmail.com

ZAMIR GUL DAM
DISTRICT, KOHAT

MAIN CHANNEL PLAN
RD=6+800 TO 7+200

DRAWN BY	NAWAB ZADA
REVISED BY	MUNEEB KHAN
DESIGN BY	SALAH UD DIN
CHECKED & SUBMITTED BY	SHAKIL AHMAD

DRAWING NO.	ZGD-IS-MCH-18
REVISION NO.	03
SHEET NO.	

DATE:
MAY, 2013



CONSULTANTS:

CONSULTING ASSOCIAIES
NS TOWER HAYATABAD COMMERCIAL COMPLEX
NEAR WFP WAREHOUSE, MAIN ACHINI BALA ROAD, PESHAWAR
PH #: 091-5701774-45 Fax : 091-5701775
E-MAIL: consultingassociaies127@gmail.com

PROJECT:

ZAMIR GUL DAM
DISTRICT, KOHAT

TITLE:

MAIN CHANNEL PLAN
SUB TITLE:
RD=7+200 TO 7+600

DRAWN BY

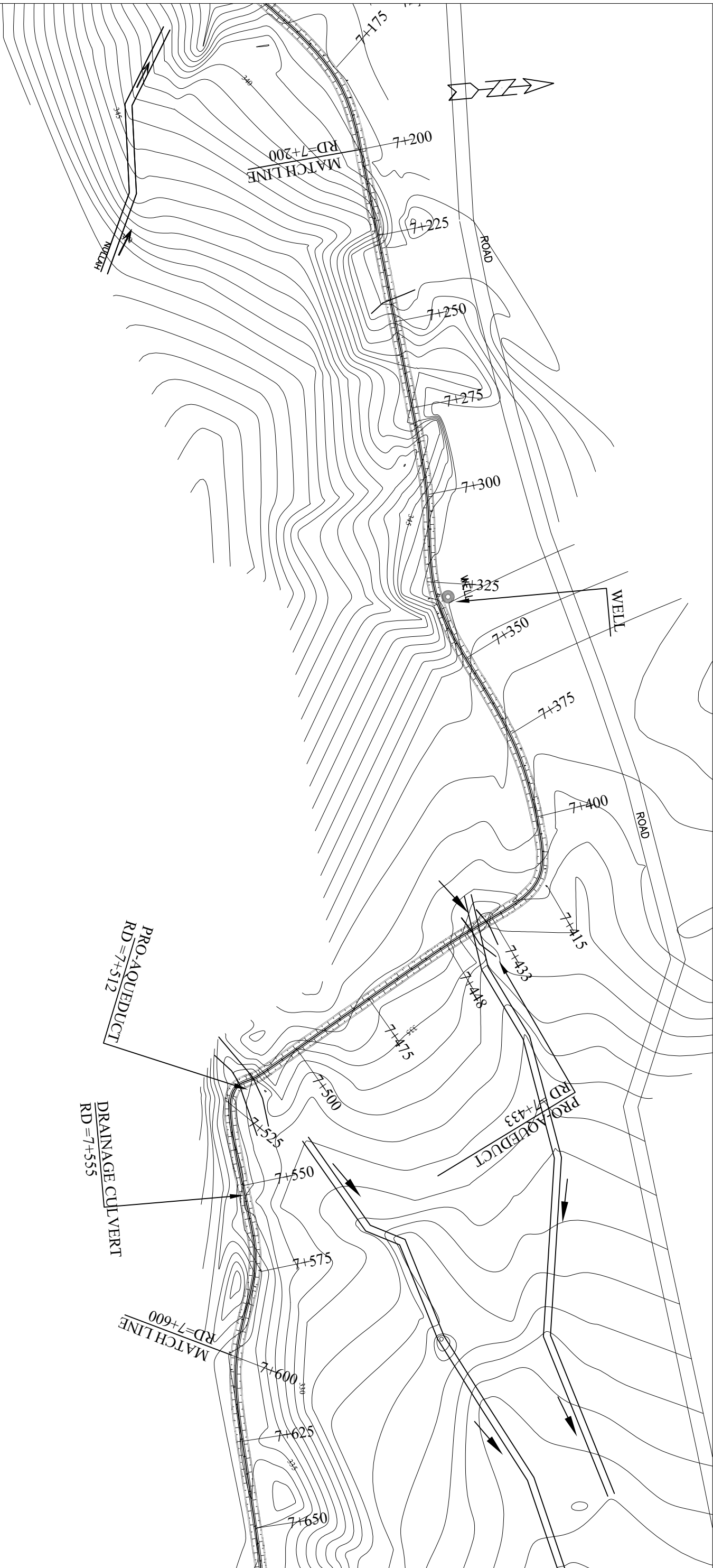
REVISED BY	MUNEER KHAN
DESIGN BY	SALAH UD DIN
CHECKED & SUBMITTED BY	SHAKIL AHMAD

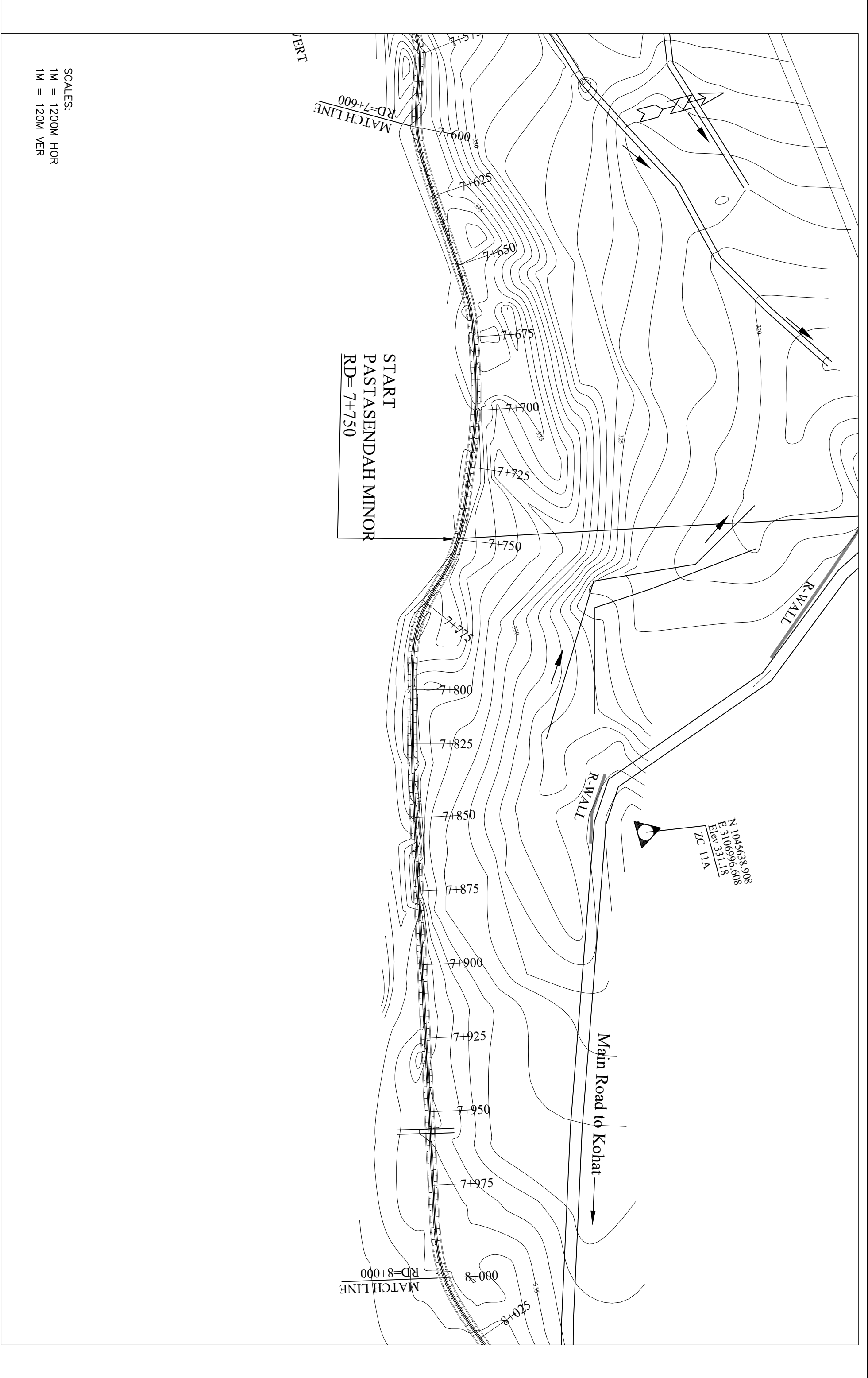
DRAWING NO.

REVISION NO.
SHEET NO.

ZGD-LS-MCH-19

03	DATE
	MAY, 2013





SCALES:
1M = 1200M HOR
1M = 120M VER



DIRECTORATE GENERAL SMALL DAMS
IRRIGATION DEPARTMENT, PESHAWAR



NS TOWER HAYATABAD COMMERCIAL COMPLEX
NEAR WFP WAREHOUSE, MAIN AGHINI BALA ROAD, PESHAWAR
PH #: 091-5701774-45 Fax: - 091-5701775
E-MAIL: consultingassociates127@gmail.com

ZAMIR GUL DAM
DISTRICT, KOHAT

MAIN CHANNEL PLAN
SUB TITLE:
RD= 7+600 TO 8+000

DRAWN BY
REVISED BY
DESIGN BY
CHECKED &
SUBMITTED BY
NAWAB ZADA
MUNEEB KHAN
SALAH UD DIN
SHAKIL AHMAD

DRAWING NO.
REVISION NO.
SHEET NO.
ZGD-IS-MCH- 20
03

DATE:
MAY, 2013



GOVERNMENT OF KHYBER PAKHTUNKHWA
DIRECTORATE GENERAL SMALL DAMS
IRRIGATION DEPARTMENT, PESHAWAR

CLIENT:



CONSULTING ASSOCIATES
NS TOWER HAYATABAD COMMERCIAL COMPLEX
NEAR WFP WAREHOUSE, MAIN ACHINI BALA ROAD, PESHAWAR
PH# : 091-5701774, 45 Fax : - 091-5701775
E-MAIL: consultingassociates127@gmail.com

CONSULTANTS:

PROJECT:

ZAMIR GUL DAM
DISTRICT, KOHAT

TITLE:

MAIN CHANNEL PLAN

SUB TITLE:

RD= 8+000 TO 8+400

DRAWN BY	NAWAB ZADA
REVISED BY	MUNEEB KHAN
DESIGN BY	SALAH UD DIN
CHECKED & SUBMITTED BY	SHAKIL AHMAD

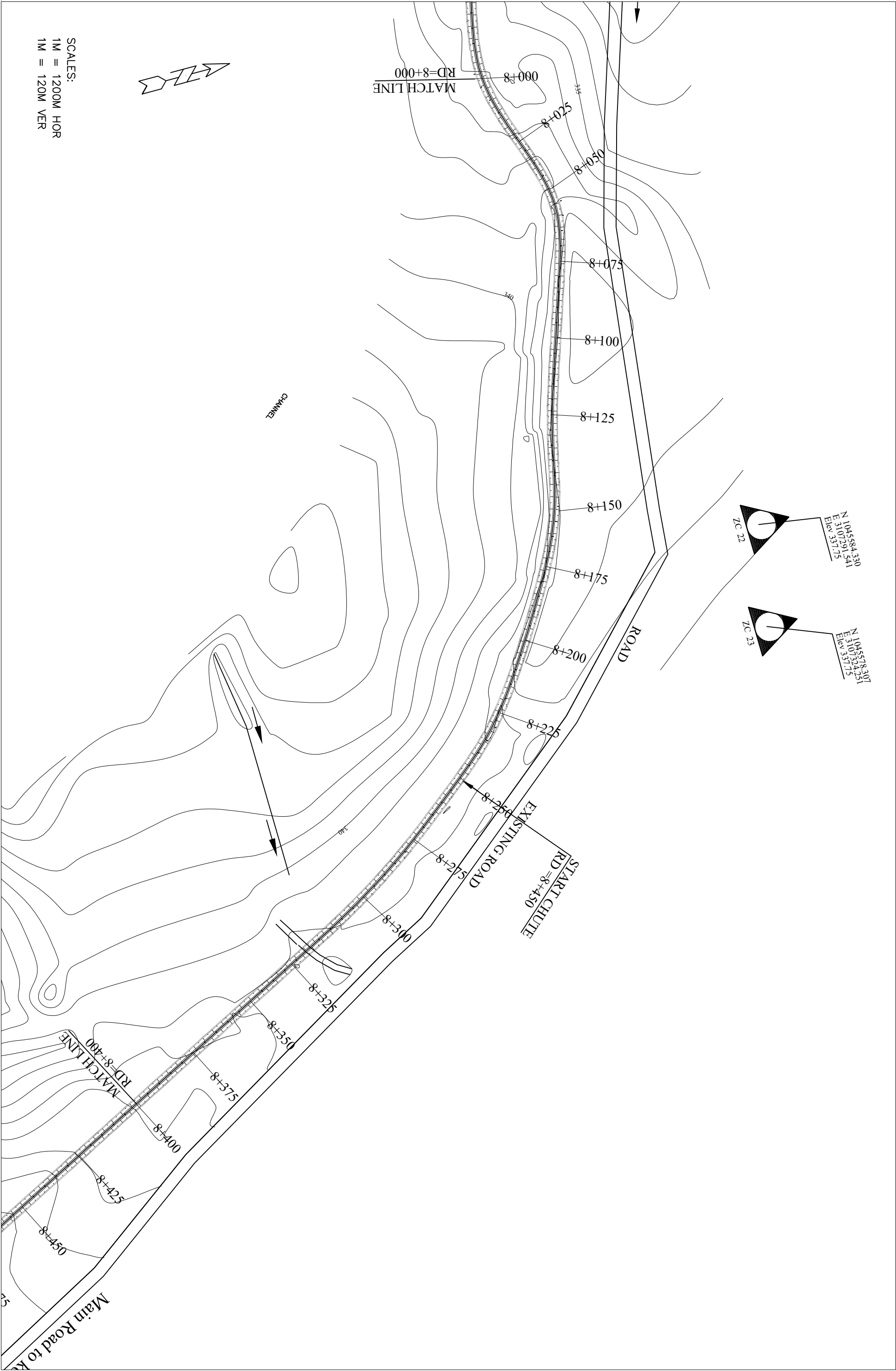
DRAWING NO.	
REVISION NO.	
SHEET NO.	

ZGD-IS-MCH-21

03

DATE:

MAY, 2013





DIRECTORATE GENERAL SMALL DAMS
IRRIGATION DEPARTMENT, PESHAWAR



NS TOWER HAYATABAD COMMERCIAL COMPLEX
NEAR WFP WAREHOUSE, MAIN ACHINI BALA ROAD, PESHAWAR
PH# : 091-5701774-45 Fax : 091-5701775
E-MAIL : consultingassociates127@gmail.com

ZAMIR GUL DAM
DISTRICT, KOHAT

MAIN CHANNEL PLAN
RD= 8+400 TO 8+725

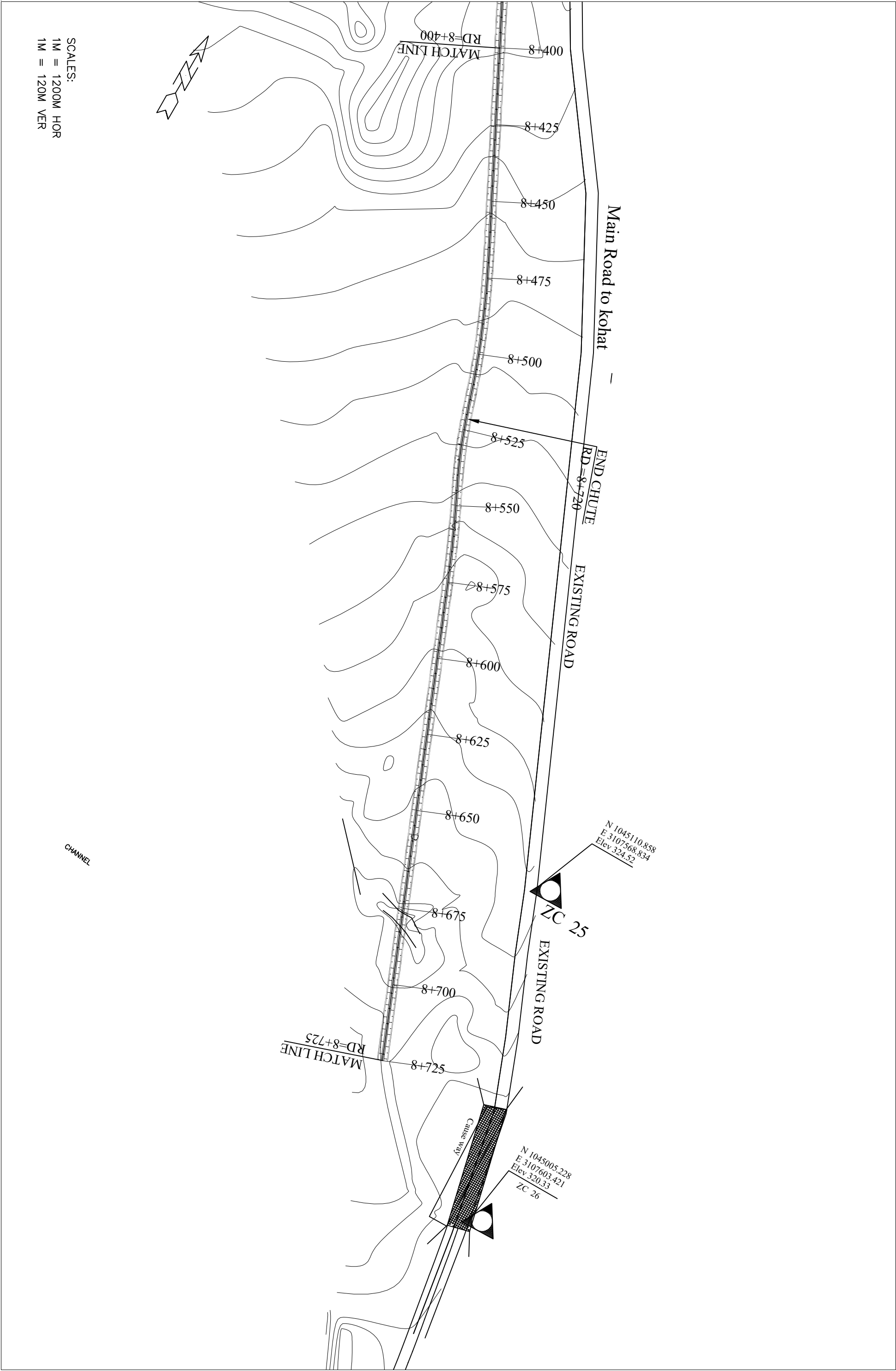
DRAWN BY	NAWAB ZADA
REVISED BY	MUNEEB KHAN
DESIGN BY	SALAH UD DIN
CHECKED & SUBMITTED BY	SHAKIL AHMAD

DRAWING NO.	REVISION NO.

ZGD-IS-MCH- 22

DATE:
MAY, 2013

SCALES:
1M = 1200M HOR
1M = 120M VER





LEGENDS:

- DESIGN BED LEVEL
- NATURAL SURFACE LEVEL
- INDEX CONTOUR
- INTERMEDIATE CONTOUR
- PROPOSED MAIN CHANNEL
- ROAD OR KACHA TRACK
- RIVER OR KHWAR
- NULLAH
- HOUSE
- VILLAGE
- GRAVE YARD
- CULTIVATED LAND
- BRIDGE OR CULVERT
- ELECTRIC POLE
- OUTLET
- BENCH MARK

ABBREVIATIONS OF DRAWING

COEFFICIENT	n
DISCHARGE	Q
VELOCITY	V
FREE BOARD	FB
DEPTH OF WATER	D
DEPTH OF WATER	D
SLOPE	S
DESIGN BED LEVEL	DBL
NATURAL SURFACE LEVEL	NSL
REDUCED LEVEL	RD
ELEVATION	EL
THICKNESS	TH
MILLIMETER	mm
MAIN CHANNEL	MC

SCALE

1:2000 H/D 20 40 60 80 100m

1:500 V/D 5 10 15 20 25m

DRAWN BY: SUB ENGR NAWAB ZAUA

DESIGNED BY: ENGR FARID KHAN

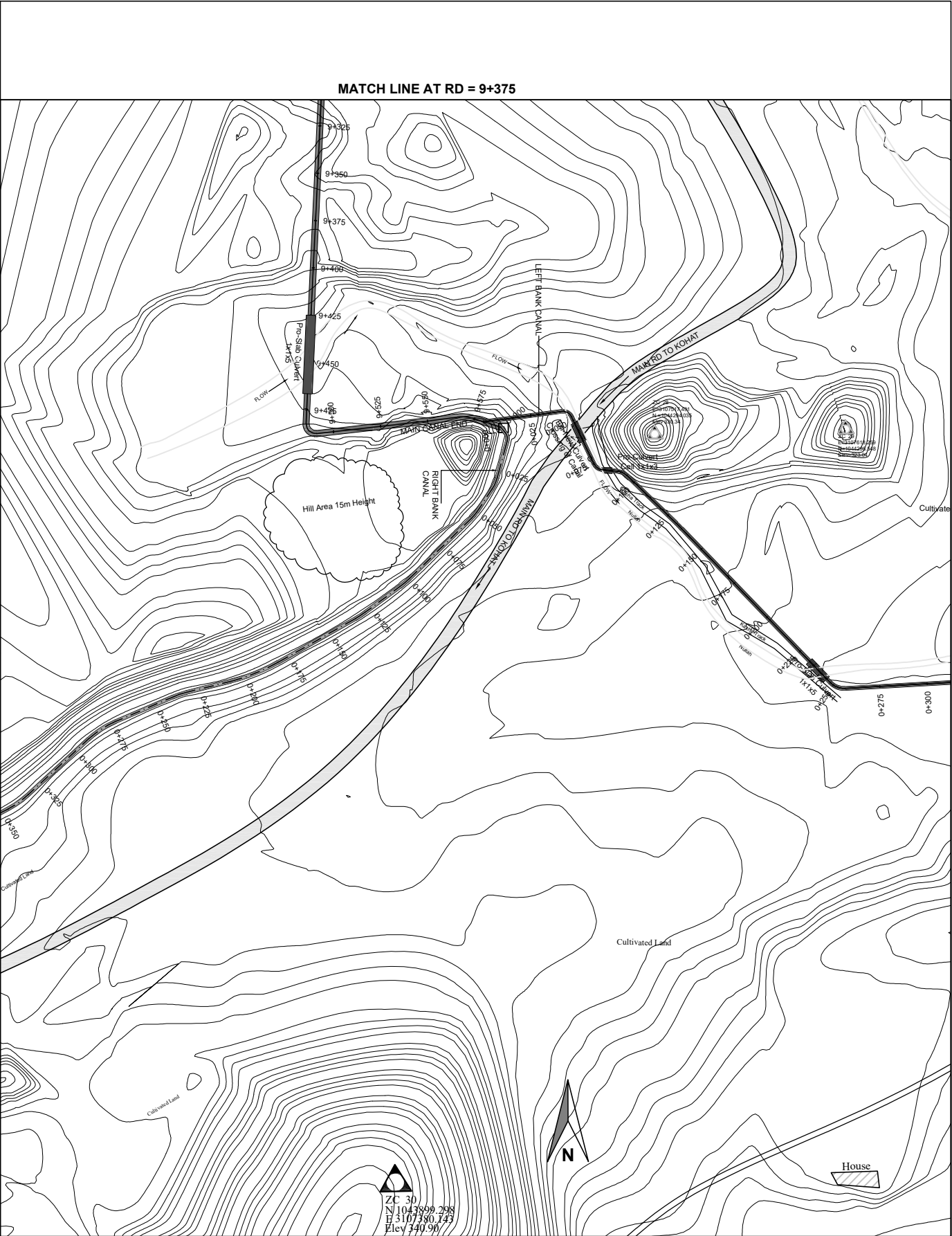
CHECKED BY: ENGR SHAKIL KHAN

APPROVED BY:

DRAWING NO: RBC-BR-01

DATE: DEC. 2020

REV: 0



LEGENDS:

- DESIGN BED LEVEL
- NATURAL SURFACE LEVEL
- INDEX CONTOUR
- INTERMEDIATE CONTOUR
- PROPOSED MAIN CHANNEL
- ROAD OR KACHA TRACK
- RIVER OR KHWAR
- NULLAH
- HOUSE
- VILLAGE
- GRAVE YARD
- CULTIVATED LAND
- BRIDGE OR CULVERT
- ELECTRIC POLE
- OUTLET
- BENCH MARK

ABBREVIATIONS OF DRAWING

COEFFICIENT	n
DISCHARGE	Q
FREE BOARD	FB
WIDTH OF CHANNEL	W
DEPTH OF WATER	D
SLOPE	S
DESIGN BED LEVEL	DBL
NATURAL SURFACE LEVEL	NSL
ELEVATION	EL
METER	m
MILLIMETER	mm
MAIN CHANNEL	MC

SCALE

1:2000 (H) 0 20 40 60 80 100m

1:500 (V) 0 5 10 15 20 25m

DESIGNED BY: ENGR FARID KHAN

CHECKED BY: ENGR SHAHID KHAN

APPROVED BY:

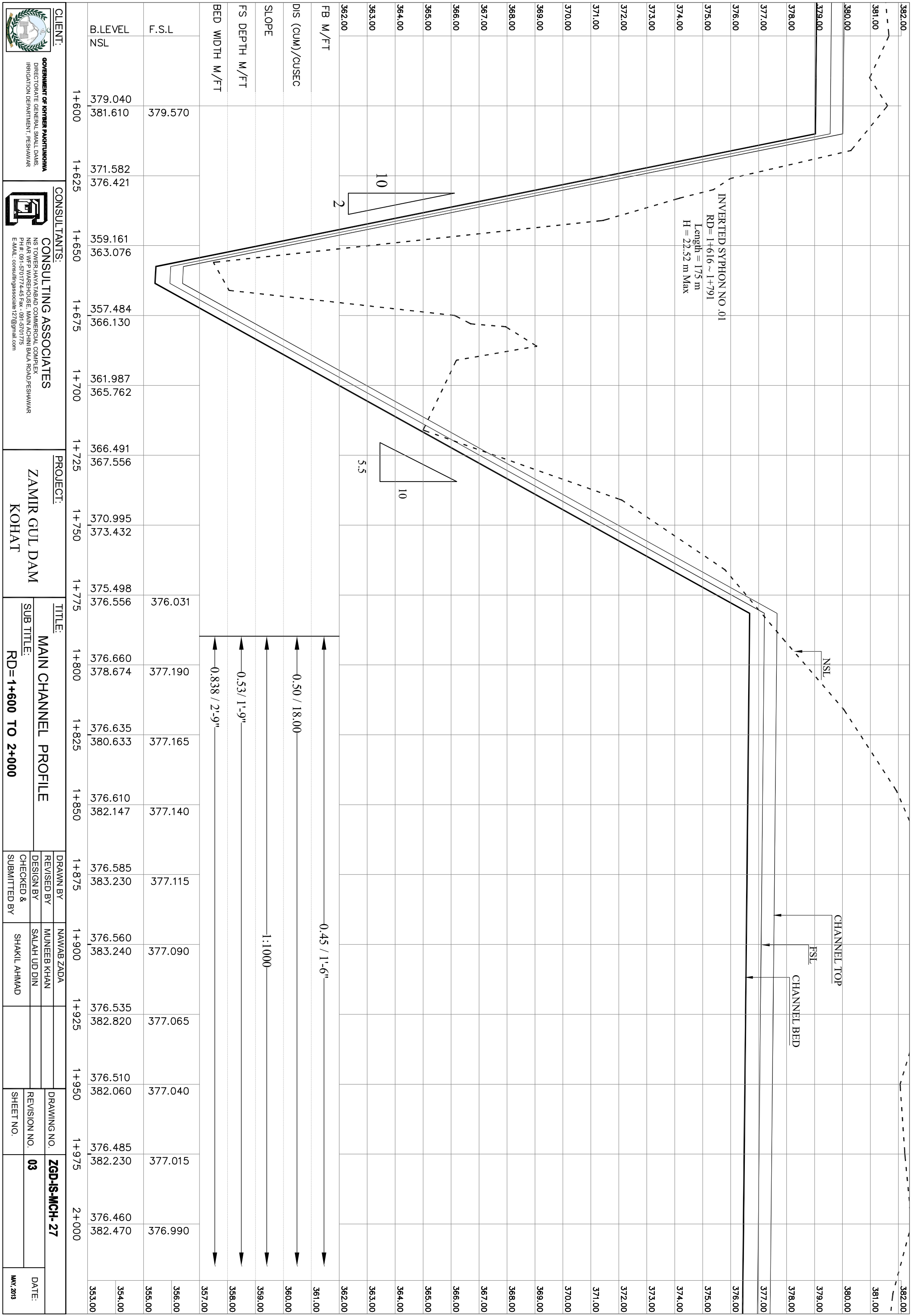
DRAWING NO: RBC-BR-01

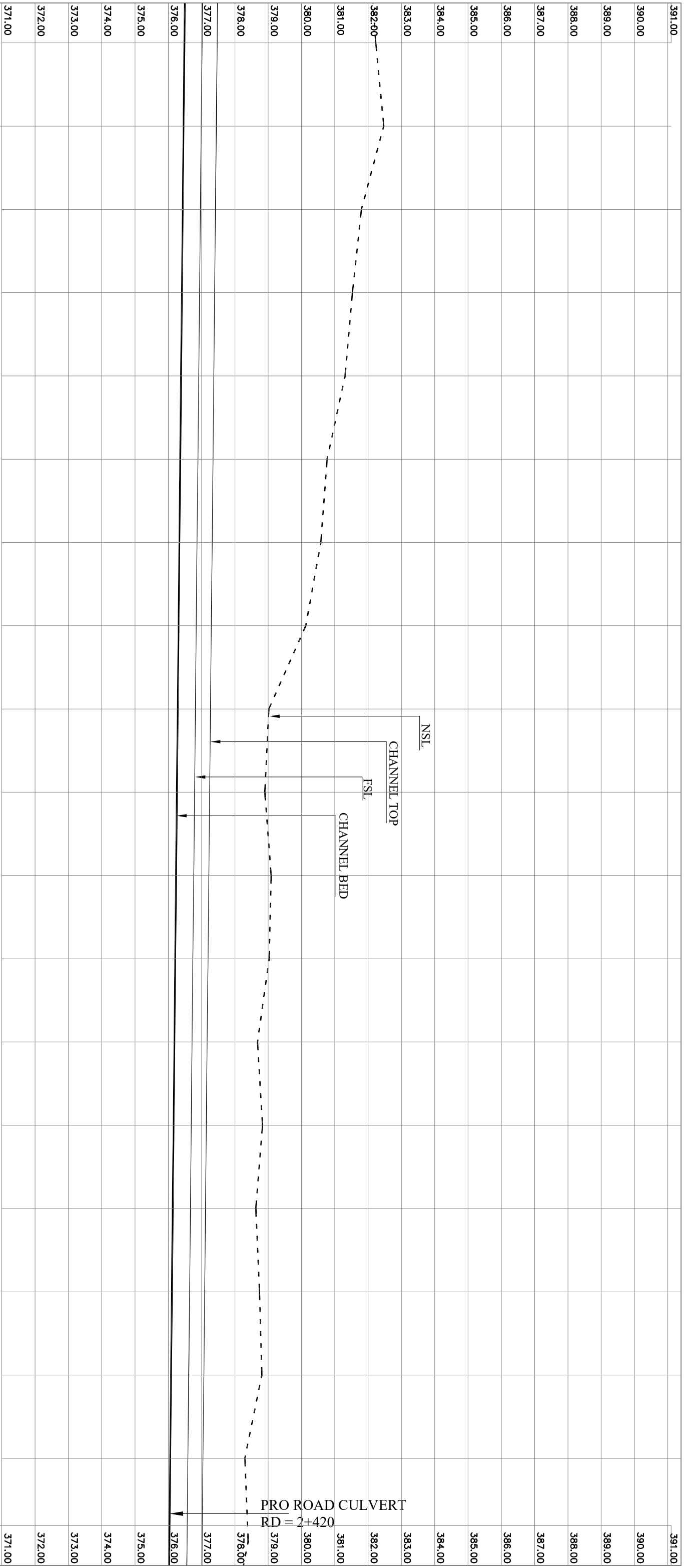
DATE: DEC. 2020

REV: 0

[illegible][illegible]

[illegible]







CLIENT:

GOVERNMENT OF KHYBER PAKHTUNKHWA

DIRECTORATE GENERAL, SMALL DAMS

IRRIGATION DEPARTMENT, PESHAWAR



CONSULTANTS:

CONSULTING ASSOCIATES

NS TOWER HAYATABAD COMMERCIAL COMPLEX

NEAR WFP WAREHOUSE, MAIN AJCHINI BALA ROAD, PESHAWAR

PH #: 091-5701774-45 Fax: - 091-5701775

E-MAIL: consultingassociates127@gmail.com

PROJECT:

ZAMIR GUL DAM

KOHAT

TITLE:

MAIN CHANNEL PROFILE

SUB TITLE:

RD= 2+000 TO 2+400

DRAWN BY

MUNEEB KHAN

REVISID BY

SALAH UD DIN

CHECKED &

SHAKIL AHMAD

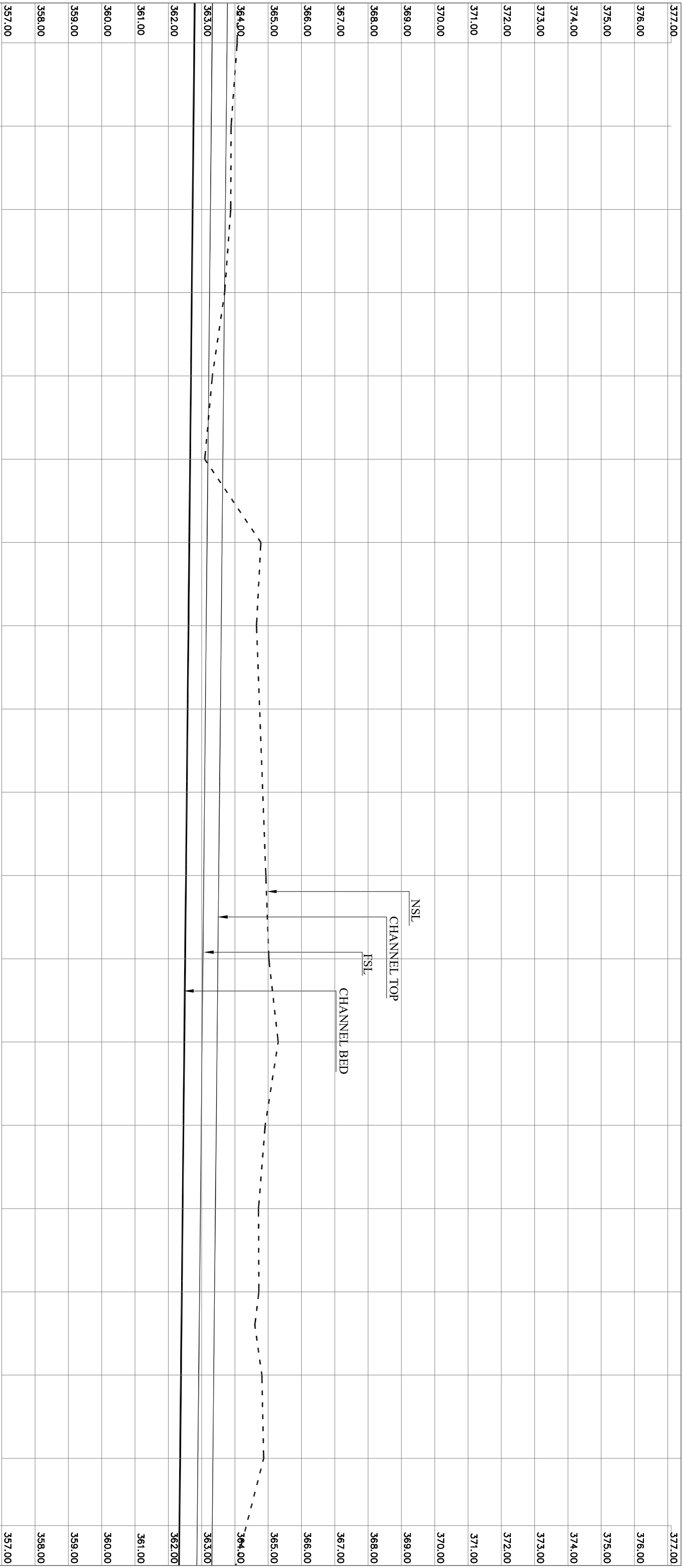
SUBMITTED BY

DRAWING NO.

03

DATE:

MAY, 2013



FB M/FT	357.00	358.00	359.00	360.00	361.00	362.00	363.00	364.00	365.00	366.00	367.00	368.00	369.00	370.00	371.00	372.00	373.00	374.00	375.00	376.00	377.00
DIS (CUM)/CUSEC	357.00	358.00	359.00	360.00	361.00	362.00	363.00	364.00	365.00	366.00	367.00	368.00	369.00	370.00	371.00	372.00	373.00	374.00	375.00	376.00	377.00
SLOPE	357.00	358.00	359.00	360.00	361.00	362.00	363.00	364.00	365.00	366.00	367.00	368.00	369.00	370.00	371.00	372.00	373.00	374.00	375.00	376.00	377.00
FS DEPTH M/FT	357.00	358.00	359.00	360.00	361.00	362.00	363.00	364.00	365.00	366.00	367.00	368.00	369.00	370.00	371.00	372.00	373.00	374.00	375.00	376.00	377.00
BED WIDTH M/FT	357.00	358.00	359.00	360.00	361.00	362.00	363.00	364.00	365.00	366.00	367.00	368.00	369.00	370.00	371.00	372.00	373.00	374.00	375.00	376.00	377.00

F.S.L	352.00	353.00	354.00	355.00	356.00	357.00	358.00	359.00	360.00	361.00	362.00	363.00	364.00	365.00	366.00	367.00	368.00	369.00	370.00	371.00	372.00	373.00	374.00	375.00	376.00	377.00
B.LEVEL NSL	352.00	353.00	354.00	355.00	356.00	357.00	358.00	359.00	360.00	361.00	362.00	363.00	364.00	365.00	366.00	367.00	368.00	369.00	370.00	371.00	372.00	373.00	374.00	375.00	376.00	377.00



GOVERNMENT OF PUNJAB
DIRECTORATE GENERAL SMALL DAMS
IRRIGATION DEPARTMENT, PESHAWAR



CONSULTING ASSOCIATES
NS TOWER HAYATABAD COMMERCIAL COMPLEX
NEAR WFP WAREHOUSE, MAIN AJCHINI BALA ROAD, PESHAWAR
P# 4, 091-5701774-45 Fax - 091-5701775
E-MAIL: consultingassociates127@gmail.com

PROJECT:
ZAMIR GUL DAM
KOHAT

TITLE:
MAIN CHANNEL PROFILE

SUB TITLE:
RD= 3+200 TO 3+600

DRAWN BY
NAWAB ZADA

REVISD BY
MUNEEB KHAN

DESIGN BY
SALAH UD DIN

**CHECKED &
SUBMITTED BY**
SHAKIL AHMAD

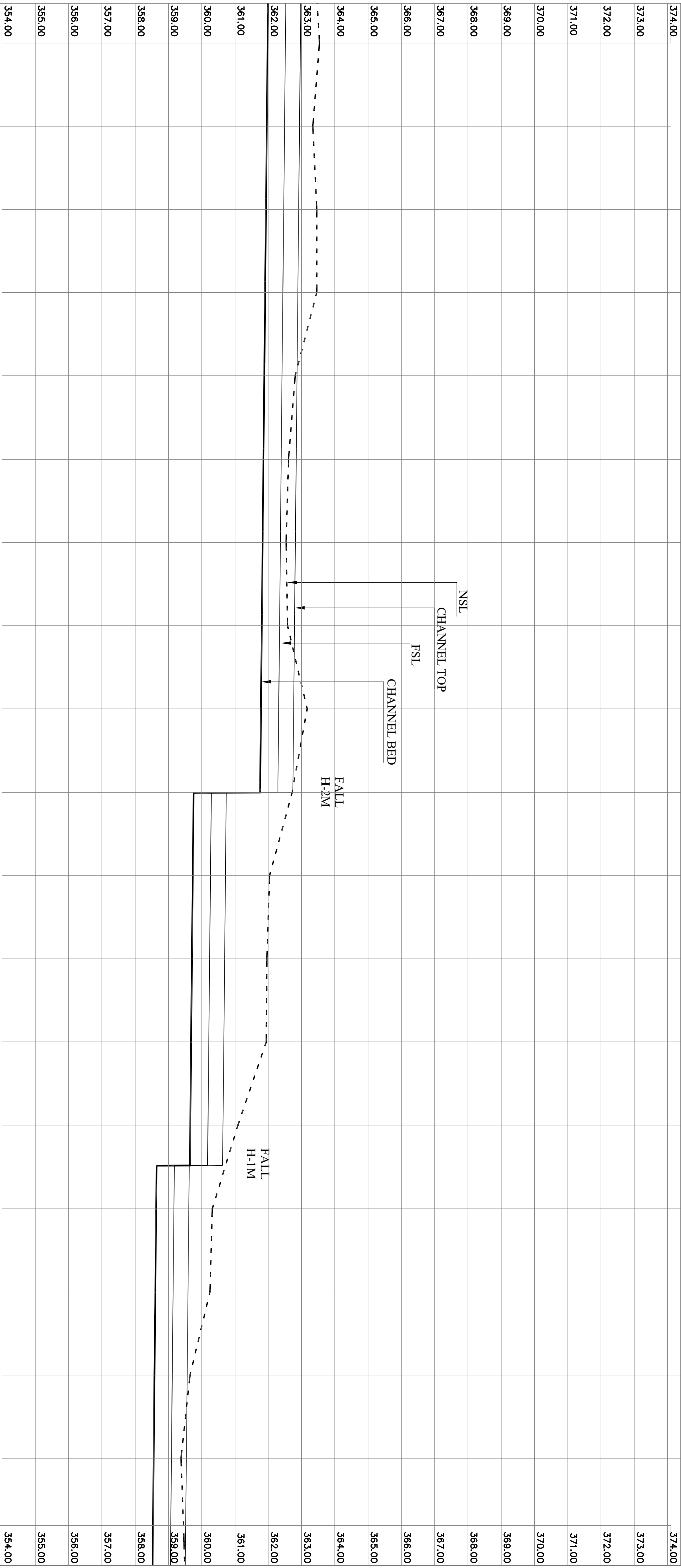
DRAWING NO.
03

REVISION NO.
03

SHEET NO.
03

DATE:
MAY, 2013

ZGD-IS-MCH-31



FB M/FT	4+000	4+025	4+050	4+075	4+100	4+125	4+150	4+175	4+200	4+225	4+250	4+275	4+300	4+325	4+350	4+375	4+400
DIS (CUM)/CUSEC	0.45 / 1'-6"					0.45 / 16.00											
SLOPE	1:1000																
FS DEPTH M/FT	0.53 / 1'-9"																
BED WIDTH M/FT	0.76 / 2'-6"																

F.S.L	362.490	362.465	362.440	362.415	362.390	362.365	362.340	362.315	362.290	360.265	360.240	360.215	360.190	359.165	359.140	359.115	359.090
B.LEVEL NSL	361.957 363.340	361.932 363.460	361.907 363.460	361.882 362.810	361.857 362.610	361.832 362.538	361.807 362.580	361.782 363.170	361.757 362.720	359.732 362.040	359.707 361.960	359.682 361.940	359.657 361.090	358.632 360.320	358.607 360.250	358.582 359.650	358.557 359.380
	348.00																348.00
	347.00																347.00
	346.00																346.00
	345.00																345.00



GOVERNMENT OF KHYBER PAKHTUNKHWA
DIRECTORATE GENERAL SMALL DAMS
IRRIGATION DEPARTMENT, PESHAWAR



CONSULTING ASSOCIATES
NS TOWER HAYATABAD COMMERCIAL COMPLEX
NEAR WFP WAREHOUSE, MAIN ACHINI BALA ROAD, PESHAWAR
PH# : 091-5701774-45 Fax : 091-5701775
E-MAIL: consultingassociates127@gmail.com

PROJECT:
ZAMIR GUL DAM
KOHAT

TITLE:
MAIN CHANNEL PROFILE

SUB TITLE:
RD= 4+000 TO 4+400

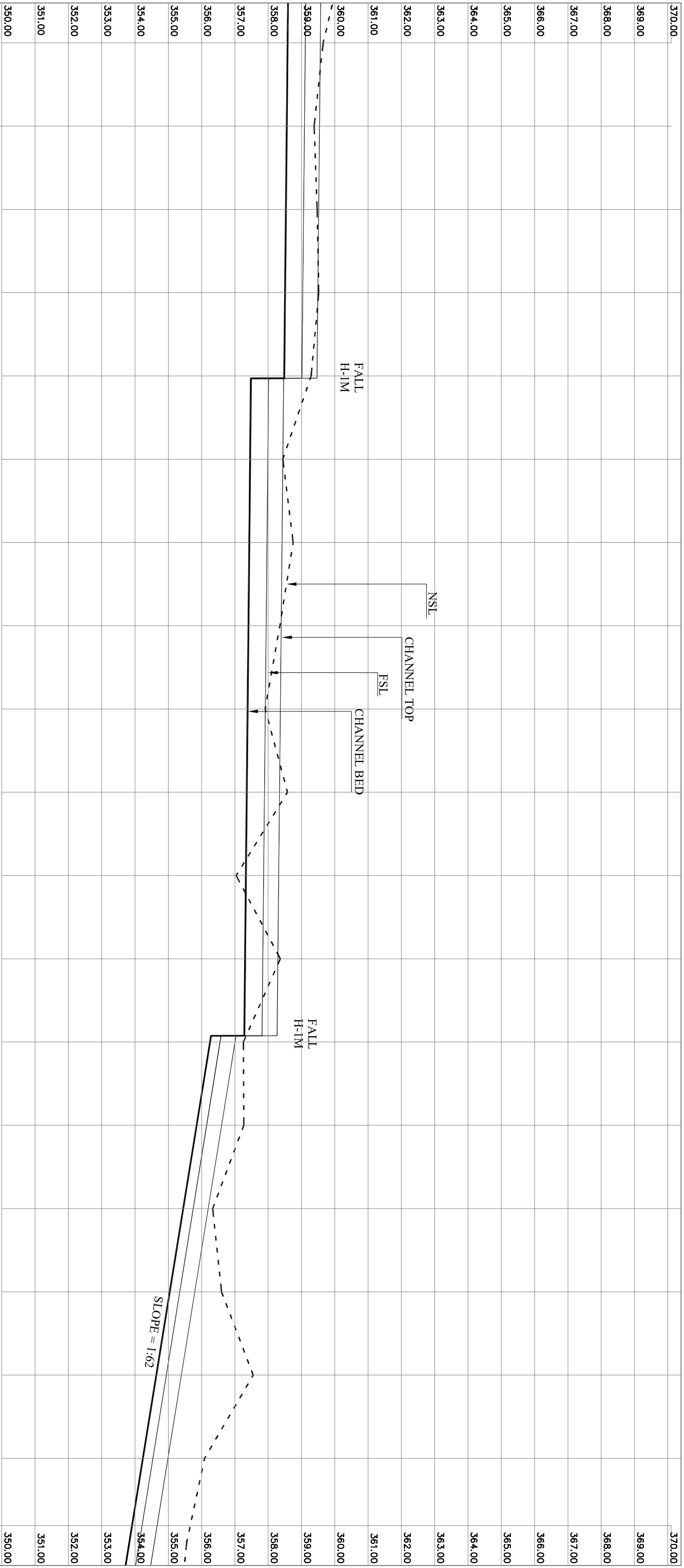
DRAWN BY
REVISD BY
DESIGN BY
CHECKED &
SUBMITTED BY

NAWAB ZADA
MUNEEB KHAN
SALAH UD DIN
SHAKIL AHMAD

DRAWING NO.
REVISION NO.
SHEET NO.

ZGD-IS-MCH-33
03

DATE:
MAY, 2013



FB M/FT	↔	0.45 / 1'-6"	↔	349.00
DIS (CUM)/CUSEC	↔	0.45 / 16.00	↔	348.00
SLOPE	↔	1:1000	↔	347.00
FS DEPTH M/FT	↔	0.53 / 1'-9"	↔	346.00
BED WIDTH M/FT	↔	0.76 / 2'-6"	↔	345.00

F.S.L	359.090	359.065	359.040	359.015	357.990	357.965	357.940	357.915	357.890	357.865	357.840	357.255	357.269	356.333	355.046	356.600	354.643	357.551	354.240	356.090	341.00
B.LEVEL NSL	358.557 359.380	358.532 359.470	358.507 359.520	358.482 359.290	357.457 358.440	357.432 358.750	357.407 358.350	357.382 357.910	357.357 358.580	357.332 357.040	357.307 358.364	356.254 357.255	355.851 357.269	355.448 356.333	355.046 356.600		354.643 357.551		354.240 356.090	342.00	343.00



CLIENT:GOVERNMENT OF KHYBER PAKHTUNKHWA
DIRECTORATE GENERAL SMALL DAMS
IRRIGATION DEPARTMENT, PESHAWAR



CONSULTANTS:CONSULTING ASSOCIATES
NS TOWER HAYATABAD COMMERCIAL COMPLEX
NEAR WFP WAREHOUSE, MAIN AJCHINI BALA ROAD, PESHAWAR
P# 4, 091-5701774-45 Fax - 091-5701775
E-MAIL: consultingassociates127@gmail.com

PROJECT:ZAMIR GUL DAM
KOHAT

TITLE:MAIN CHANNEL PROFILE

SUB TITLE:RD= 4+400 TO 4+800

DRAWN BY:NAWAB ZADA

REVISIED BY:MUNEEB KHAN

DESIGN BY:SALAH UD DIN

CHECKED & SUBMITTED BY:SHAKIL AHMAD

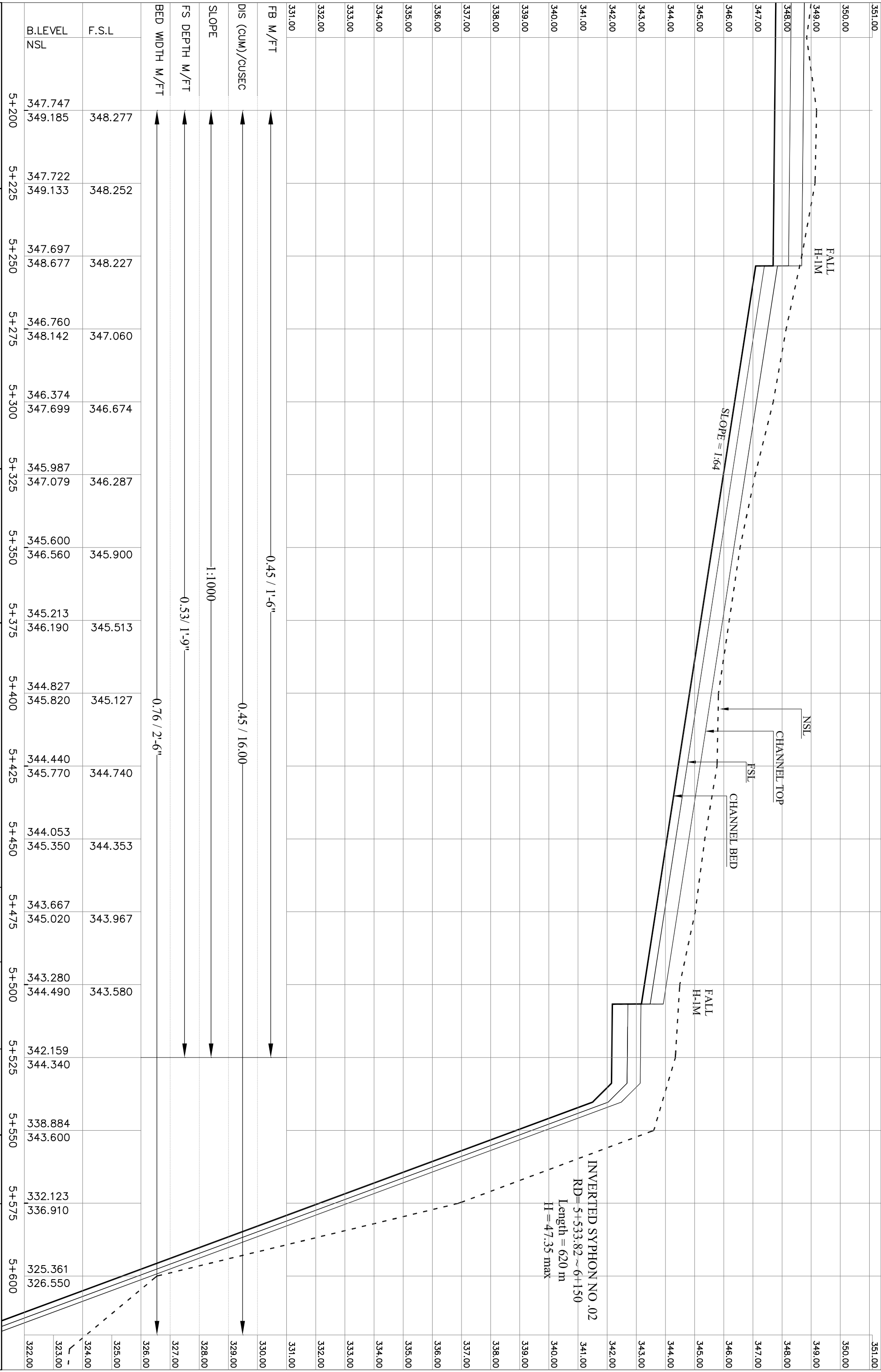
DRAWING NO.

REVISION NO.03

SHEET NO.

ZGD-IS-MCH-34

DATE: MAY, 2013



INVERTED SYPHON NO .02
RD= 5+533.82 ~ 6+150
Length = 620 m
H = 47.35 max



CLIENT:
GOVERNMENT OF KHYBER PAKHTUNKHWA
DIRECTORATE GENERAL SMALL DAMS
IRRIGATION DEPARTMENT, PESHAWAR



CONSULTANTS:
CONSULTING ASSOCIATES
NS TOWER HAYATABAD COMMERCIAL COMPLEX
NEAR WFP WAREHOUSE, MAIN ACHINI BALA ROAD, PESHAWAR
P# 4, 091-5701774-45 Fax - 091-5701775
E-MAIL: consultingassociates127@gmail.com

PROJECT:
ZAMIR GUL DAM
KOHAT

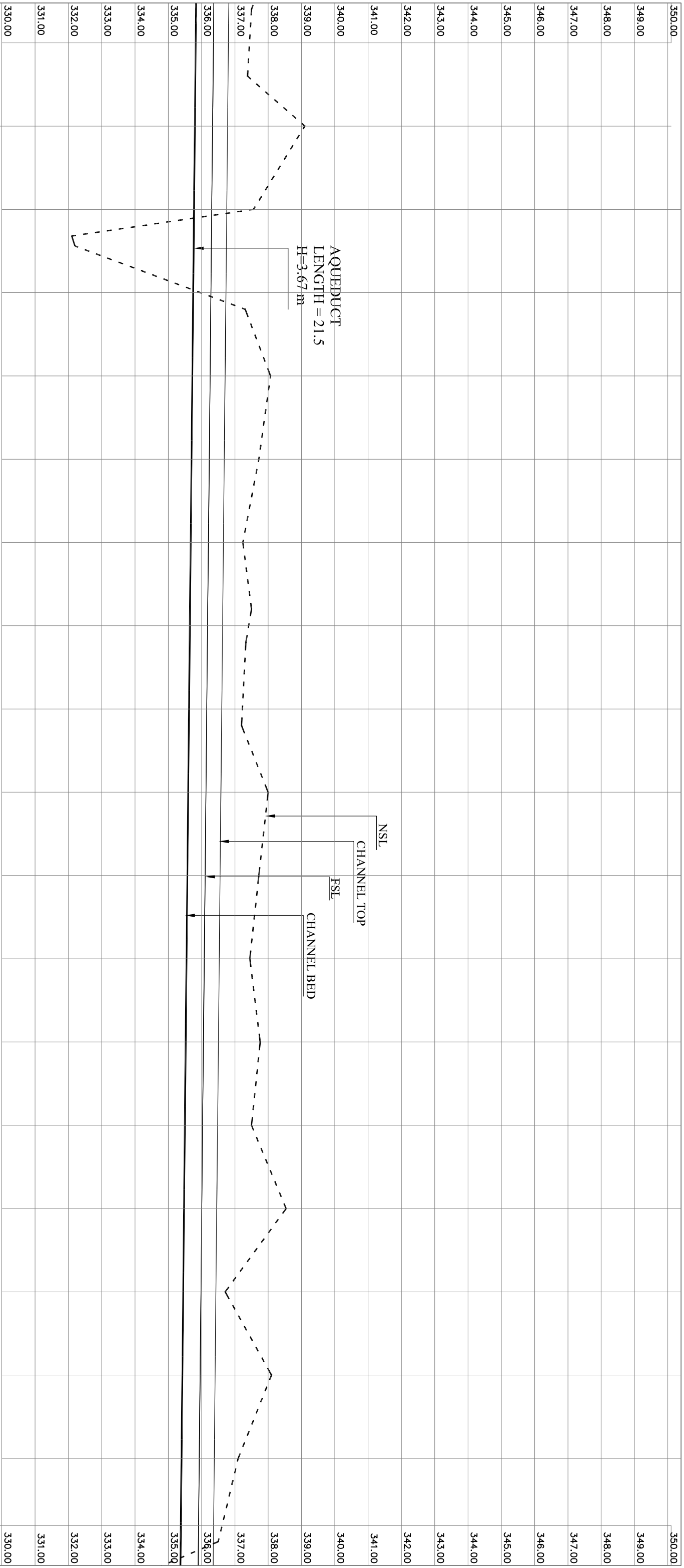
TITLE:	
MAIN CHANNEL PROFILE	
SUB TITLE:	
RD= 5+200 TO 5+600	

DRAWN BY	NAWAB ZADA
REVISED BY	MUNEEB KHAN
DESIGN BY	SALAH UD DIN
CHECKED & SUBMITTED BY	SHAKIL AHMAD

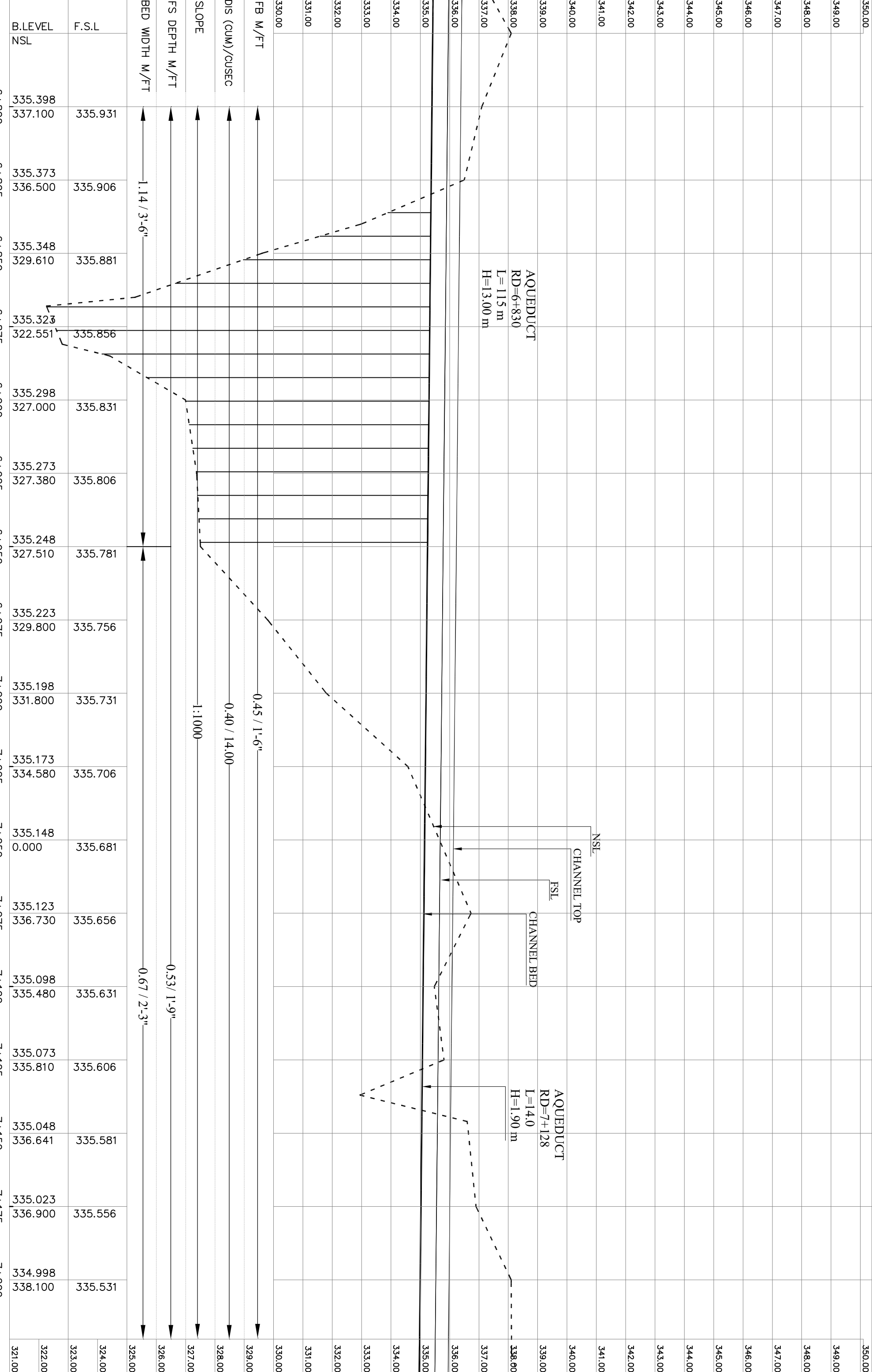
DRAWING NO.	
ZGD-IS-MCH-36	
REVISION NO.	
03	
SHEET NO.	

DATE:
MAY, 2013

[illegible]



FB M/FT														0.45 / 1'-6"		329.00																					
DIS (CUM)/CUSEC														0.40 / 14.00		328.00																					
SLOPE														1:1000		327.00																					
FS DEPTH M/FT														0.53 / 1'-9"		326.00																					
BED WIDTH M/FT														0.67 / 2'-3"		325.00																					
F.S.L		336.331		336.306		336.281		336.256		336.231		336.206		336.181		336.156		336.131		336.106		336.081		336.056		336.031		336.006		335.981		335.956		335.931		323.00	
B.LEVEL		335.798		335.773		335.748		335.723		335.698		335.673		335.648		335.623		335.598		335.573		335.548		335.523		335.498		335.473		335.448		335.423		335.398		322.00	
NSL		339.100		337.560		335.965		338.070		337.720		337.240		337.415		337.226		338.000		337.720		337.450		337.760		337.500		338.540		336.710		338.100		337.100		321.00	
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+750		6+775		6+800					
CLIENT:		CONSULTANTS:												PROJECT:		TITLE:		DRAWN BY		NAWAB ZADA				DRAWING NO.		ZGD-IS-MCH-39		DATE:									
 GOVERNMENT OF PUNJAB DIRECTORATE GENERAL SMALL DAMS, IRRIGATION DEPARTMENT, PESHAWAR		 CONSULTING ASSOCIATES NS TOWER HAYATABAD COMMERCIAL COMPLEX NEAR WFP WAREHOUSE, MAIN ACHINI BALA ROAD PESHAWAR P# 4, 091-5701774-45 Fax - 091-5701775 E-MAIL: consultingassociates127@gmail.com												ZAMIR GUL DAM KOHAT		MAIN CHANNEL PROFILE SUB TITLE: RD= 6+400 TO 6+800		DESIGN BY		MUNEEB KHAN				REVISION NO.		03		SHEET NO.				MAY/ 2013					





GOVERNMENT OF KHYBER PAKHTUNKHWA
DIRECTORATE GENERAL, SMALL DAMS
IRRIGATION DEPARTMENT, PESHAWAR



CONSULTING ASSOCIATES
NS TOWER HAYATABAD COMMERCIAL COMPLEX
NEAR WFP WAREHOUSE, MAIN AJCHINI BALA ROAD, PESHAWAR
P# 4, 091-5701774-45 Fax - 091-5701775
E-MAIL: consultingassociates127@gmail.com

PROJECT:
ZAMIR GUL DAM
KOHAT

TITLE:
MAIN CHANNEL PROFILE

SUB TITLE:
RD= 6+800 TO 7+200

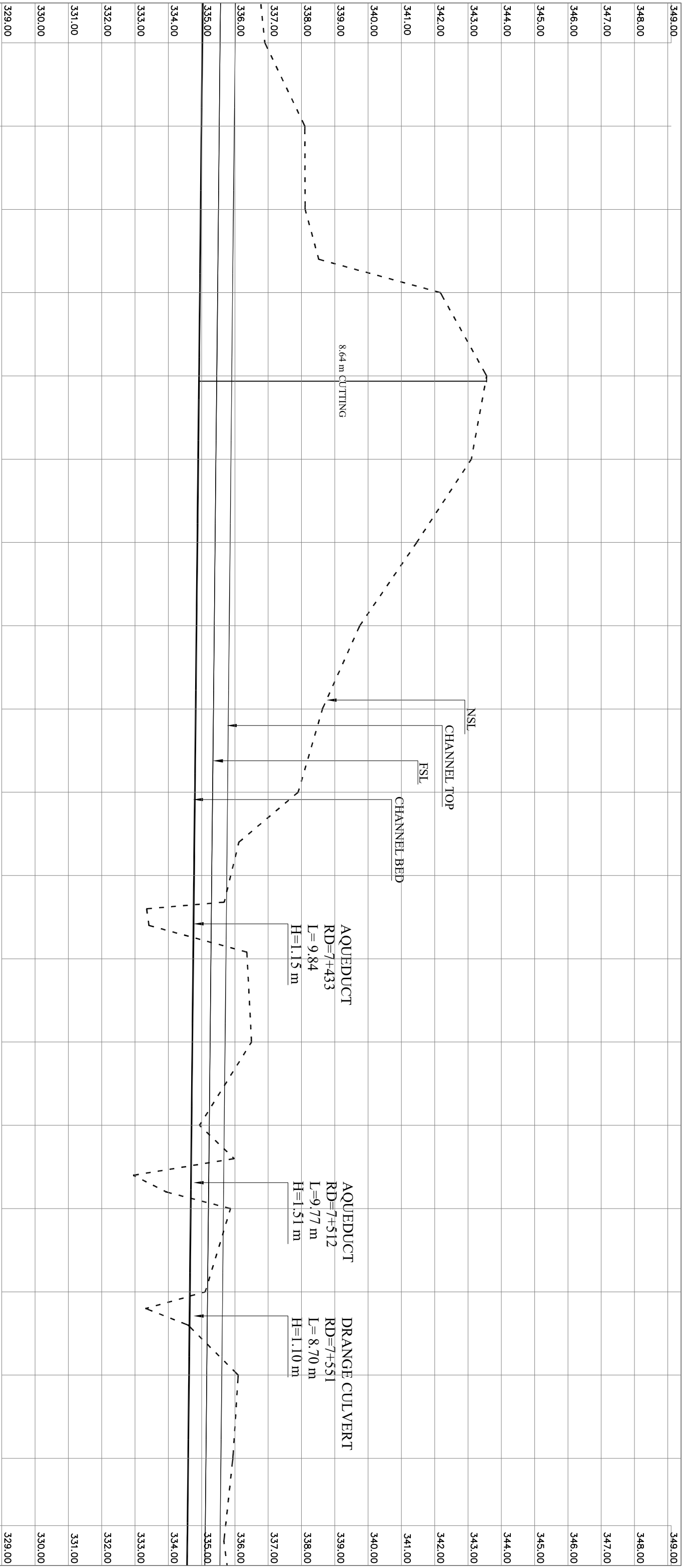
DRAWN BY
REVISOR BY
DESIGN BY
CHECKED &
SUBMITTED BY

NAWAB ZADA
MUNEEB KHAN
SALAH UD DIN
SHAKIL AHMAD

DRAWING NO.
REVISION NO.
SHEET NO.

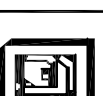
ZGD-IS-MCH- 40
03

DATE:
MAY, 2013



CLIENT:		CONSULTANTS:		PROJECT:		TITLE:		DRAWN BY		7+500		7+525		7+550		7+575		7+600	
				ZAMIR GUL DAM		MAIN CHANNEL PROFILE		REVISED BY		NAWAB ZADA									
GOVERNMENT OF KHYBER PAKHTUNKHWA DIRECTORATE GENERAL SMALL DAMS IRRIGATION DEPARTMENT, PESHAWAR		NS TOWER HAVATABAD COMMERCIAL COMPLEX NEAR WFP WAREHOUSE, MAIN ACHINI BALA ROAD, PESHAWAR P# 4, 091-5701774-45 Fax - 091-5701775 E-MAIL: consultingassociates127@gmail.com		KOHAT		RD= 7+200 TO 7+600		DESIGN BY		SALAH UD DIN				REVISION NO.		03		DATE:	
								CHECKED & SUBMITTED BY		SHAKIL AHMAD				SHEET NO.				MAY, 2013	

[illegible]

FB M/FT	328.00	0.45 / 1'-6"
DIS (CUM)/CUSEC	327.00	0.34 / 12.00
SLOPE	326.00	1:1000
FS DEPTH M/FT	325.00	0.53/ 1'-9"
BED WIDTH M/FT	324.00	0.61 / 2'-0"
F.S.L	335.131	
B.LEVEL	335.106	
NSL	335.081	
	335.056	
	335.031	
	335.006	
	334.981	
	334.956	
	334.931	
	334.906	
	334.881	
	334.856	
	334.831	
	334.806	
	334.781	
	334.756	
	334.731	
	322.00	
	323.00	
	321.00	
	320.00	
CLIENT:  GOVERNMENT OF KHYBER PAKHTUNKHWA DIRECTORATE GENERAL SMALL DAMS, IRRIGATION DEPARTMENT, PESHAWAR		
CONSULTANTS:  CONSULTING ASSOCIATES NS TOWER HAYATABAD COMMERCIAL COMPLEX NEAR WFP WAREHOUSE, MAIN ACHINI BALA ROAD PESHAWAR PH #: 091-570774-45 Fax: - 091-5701775 E-MAIL: consultingassociate127@gmail.com		
PROJECT: ZAMIR GUL DAM KOHAT		
TITLE: MAIN CHANNEL PROFILE		
SUB TITLE: RD=7+600 TO 8+000		
DRAWN BY	NAWAB ZADA	
REVISED BY	MUNEEB KHAN	
DESIGN BY	SALAH UD DIN	
CHECKED & SUBMITTED BY	SHAKIL AHMAD	
DRAWING NO.		ZGD-IS-MCH- 42
REVISION NO.	03	
SHEET NO.		DATE: MAY, 2013

DESIGN BED LEVER

INDEX CONTOUR

INTERMEDIATE CONTOUR

ROAD OR KACHA TRACK

NULLAH

HOUSE

GRAVE YARD

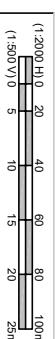
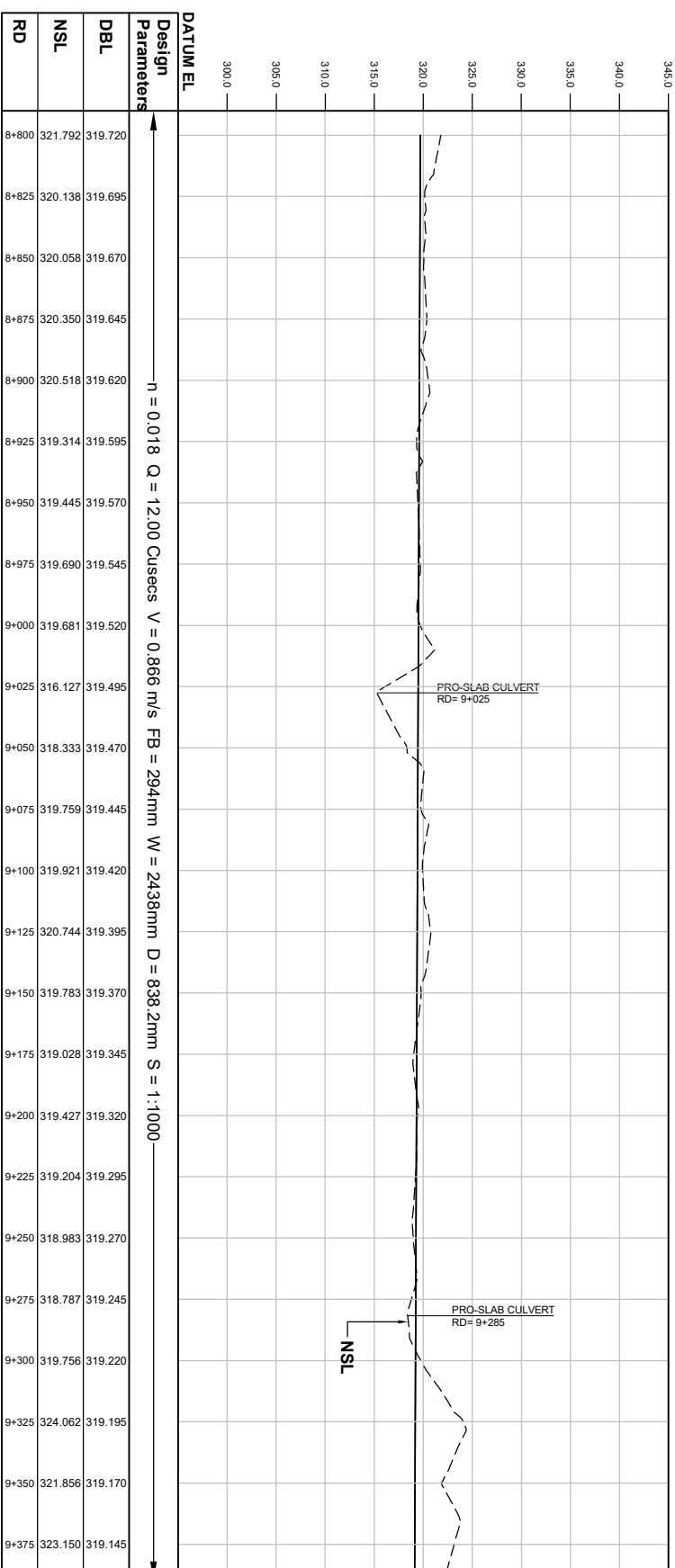
BRIDGE OR CULV

OUTLET

BENCH

DIVI-

COEFFICIENT	n
-------------	---

[illegible]

60301079

GOVERNMENT OF KHYBER PAKHTUNKHWA
DIRECTORATE GENERAL SMALL DAMS,
IRRIGATION DEPARTMENT, PESHAWAR

CONSULTING ASSOCIATES
NEAR DEANS COMPLEX APARTMENTS, BEHIND GUL
CNG, BOARD BAZAAR, JAMRUD ROAD, PESHAWAR
PH #: 091-5701774-45 Fax : 091-5701775
E-MAIL: consultingassociate127@gmail.com

ZAMIR GUL DAM PROJECT
DISTRICT KOHAT

SUB WORK:

MAIN CANAL

FROM

TITLE

MAIN CANAL

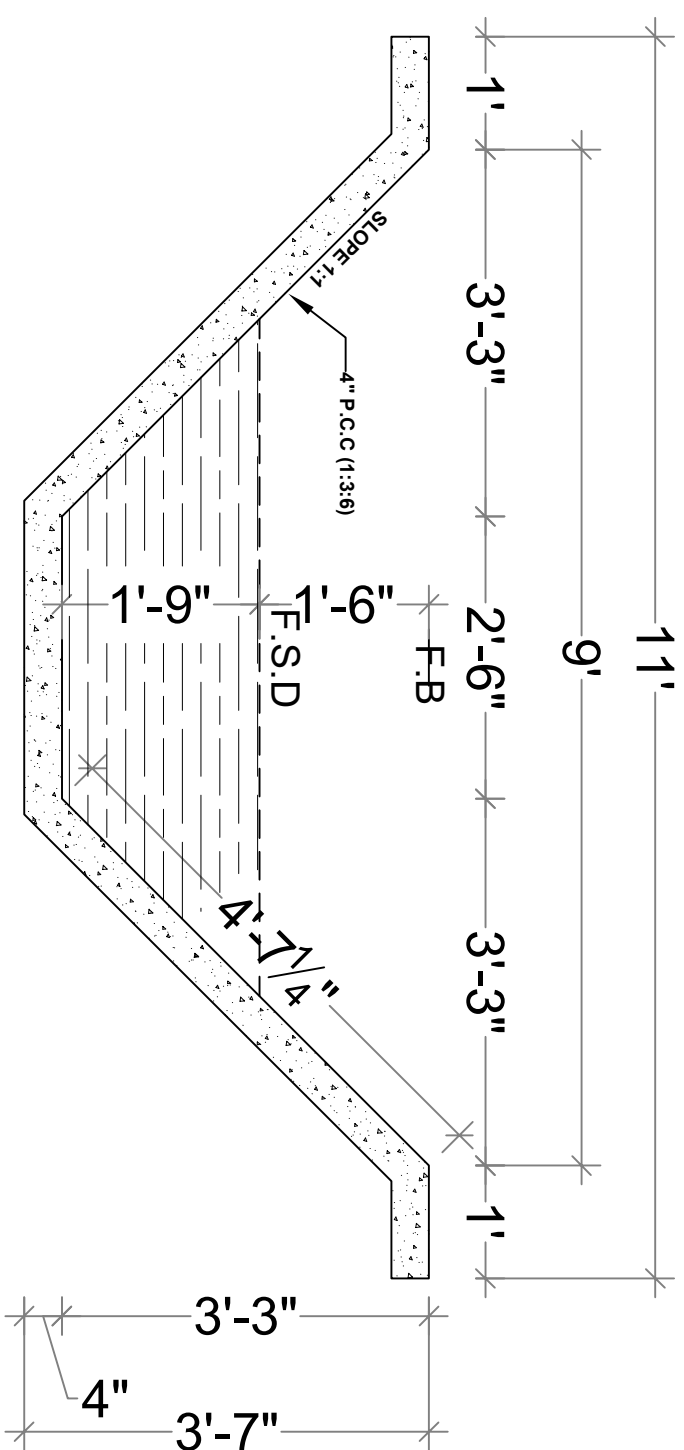
PROFILE RD = 8+725 TO 9+375 (SHEET 01 OF 02)

DRAWN BY:	SUB ENGR NAWAB ZADA	SCALE
DESIGNED BY:	ENGR FARID KHAN	H = V =
CHECKED BY:	ENGR SHAHL KHAN	DATE
APPROVED BY:		DEC. 2021
DRAWING NO.		REV

RBC-BR-01

Q

HYDRAULIC STRUCTURE

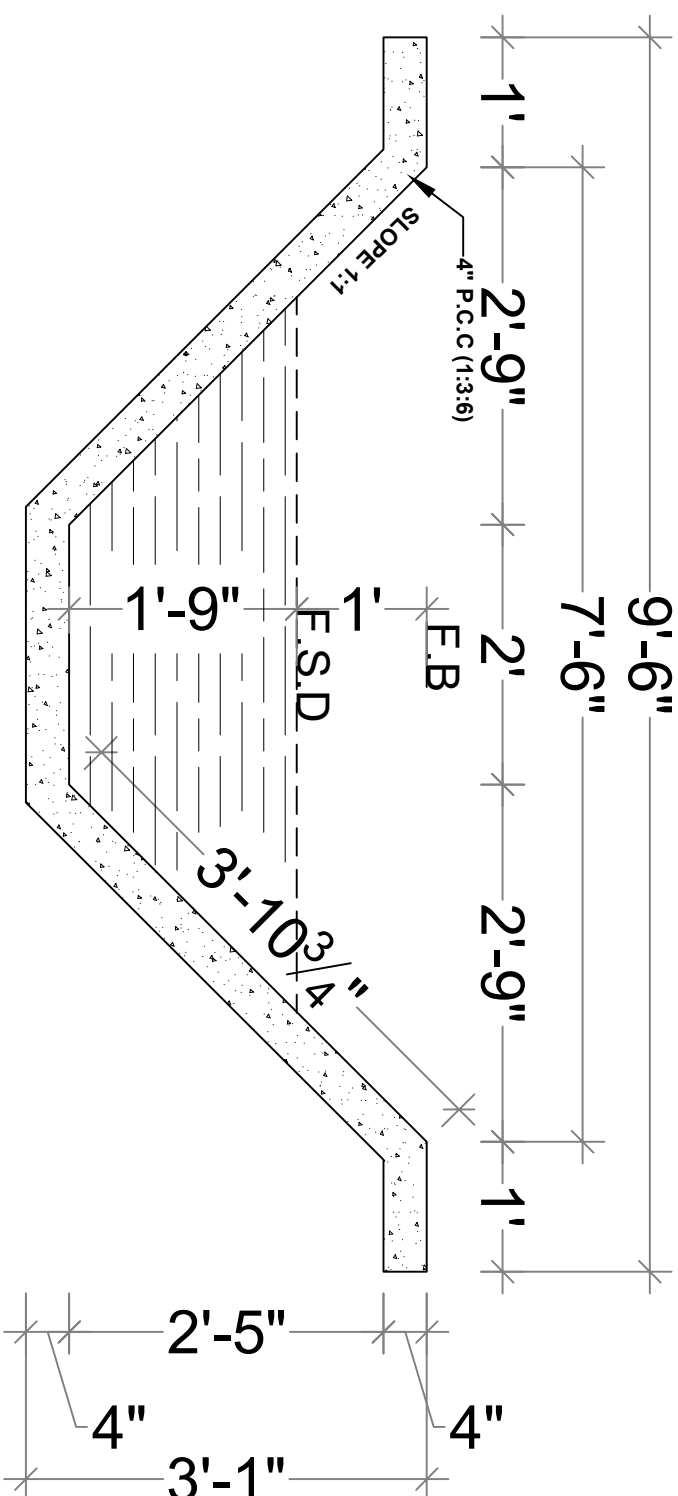


MAIN CANAL

U/S OF SYPHON-02

RD 5+425 TO 5+442

DISCHARGE $Q = 16 \text{ Cu sec}$



MAIN CANAL

MAIN CHANNEL RD 8+425 TO 9+785

DISCHARGE $Q = 12 \text{ Cu sec}$

GOVERNMENT OF KHYBER PAKHTUNKHWA
DIRECTORATE GENERAL SMALL DAMS,
IRRIGATION DEPARTMENT, PESHAWAR



TITLE:-

ZAMIR GUL DAM PROJECT
KOHAT

DRAWING TITLE:-

HYDRAULIC STRUCTURES

DRAWING:-

MAIN CANAL

DRAWN BY	MUNEEB KHAN
DESIGN BY	DAWOOD KHAN
CHECKED & SUBMITTED BY	SHAKIL AHMAD
SHEET NO.	CA-CH-01



GOVERNMENT OF KHYBER PAKHTUNKHWA
DIRECTORATE GENERAL SMALL DAMS
IRRIGATION DEPARTMENT, PESHAWAR



CONSULTING ASSOCIATES
NS TOWER HAYATABAD COMMERCIAL COMPLEX
NEAR WFP WAREHOUSE, MAIN ACHINI BALA ROAD, PESHAWAR
P.H.#. 091-5701774-45 Fax - 091-5701775
E-MAIL: consultingassociates127@gmail.com

PROJECT:
ZAMIR GUL DAM
KOHAT

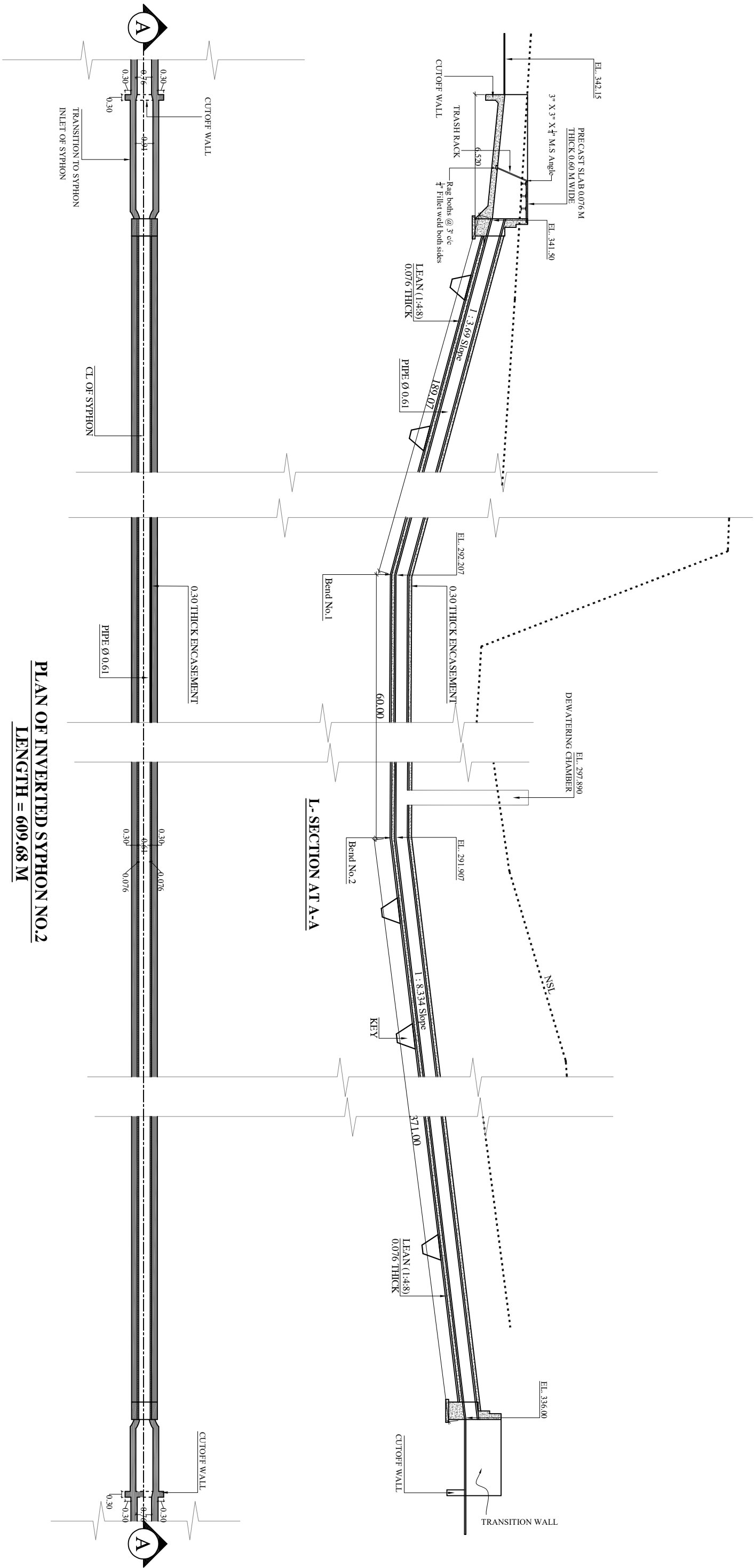
TITLE:
INVERTED SYPHON NO. 02 MAIN CHANNEL
SUB TITLE:
RD = 5+540.32 ~ 6+150

DRAWN BY
REVISED BY
DESIGN BY
CHECKED &
SUBMITTED BY

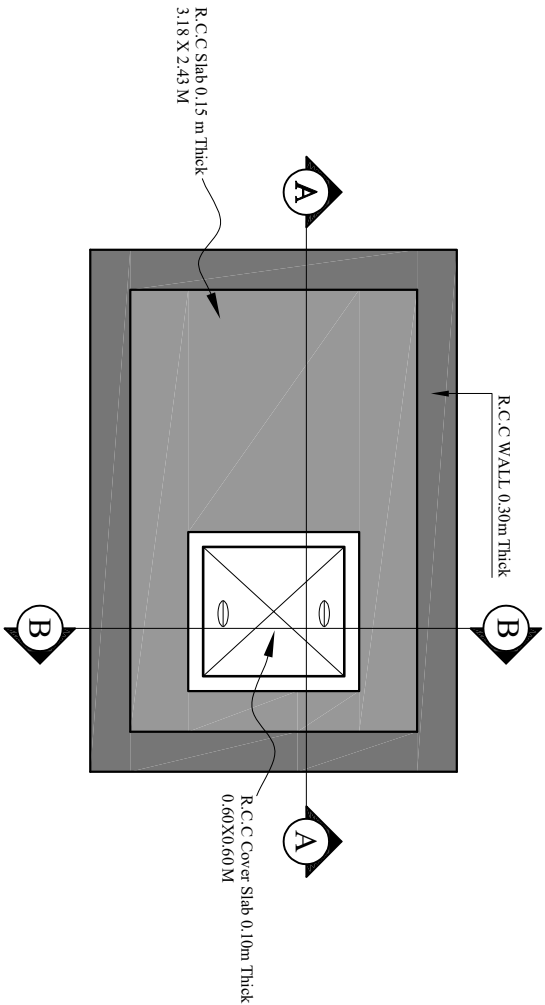
NAWAB ZADA
MUNEEB KHAN
SALAH UD DIN
FARID KHAN

DRAWING NO.
REVISION NO.
SHEET NO.

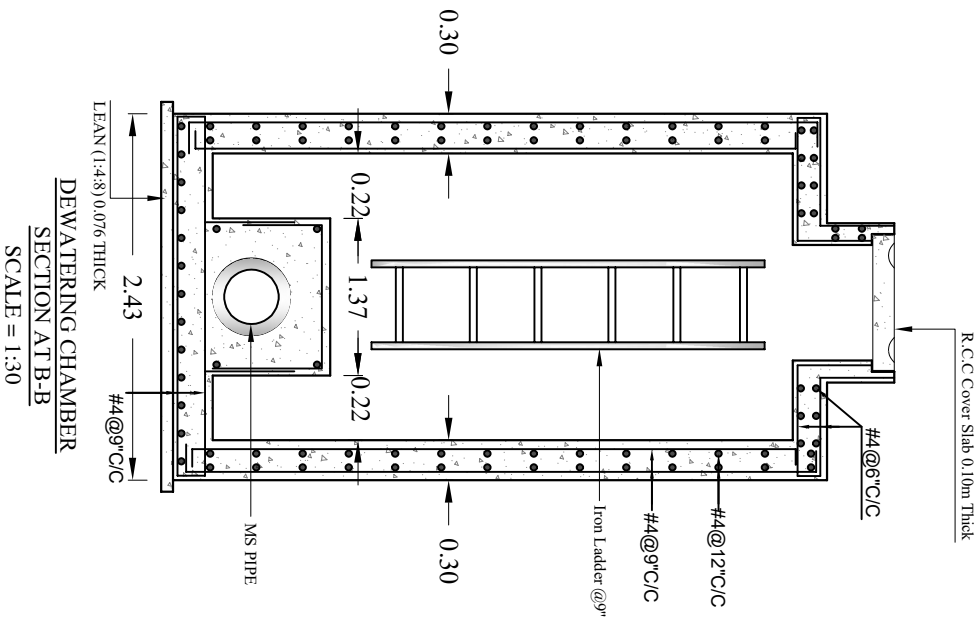
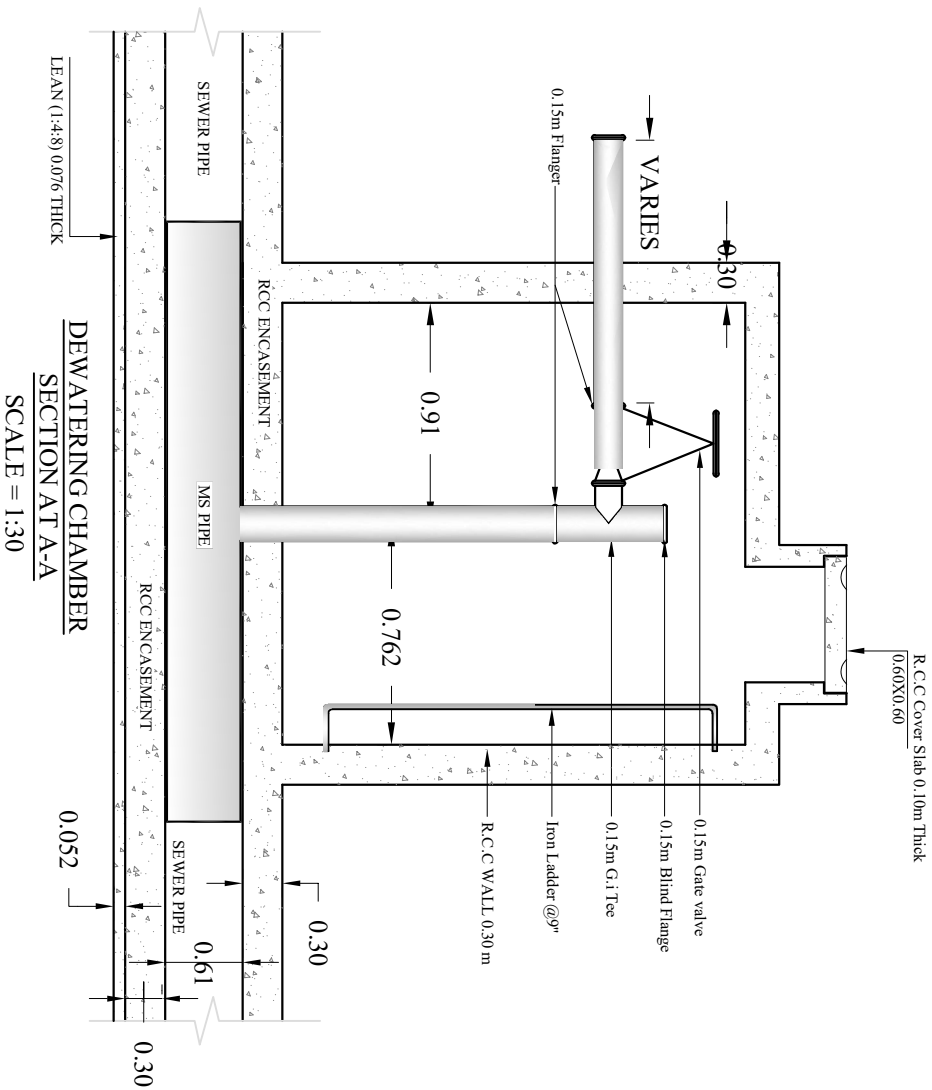
ZGD-IS-SYP-02
03
DATE:
MAY, 2013



NOTE:-
ELEVATION OF CHAMBER KEEP ATLEAST 1' FEET ABOVE N.S.L
LOCATION OF DEWATERING CHAMBER SHOULD BE AS SPECIFIED
BY RESIDENT ENGINEER



DEWATERING CHAMBER PLAN



GOVERNMENT OF PUNJAB, PAKISTAN
DIRECTORATE GENERAL, SMALL DAMS,
IRRIGATION DEPARTMENT, PESHAWAR



CONSULTING ASSOCIATES
NS TOWER HAYATABAD COMMERCIAL COMPLEX
NEAR WFP WAREHOUSE, MAIN AJAHNIBALA ROAD, PESHAWAR
P.H.#: 091-5701774-45 Fax: -091-5701775
E-MAIL: consultingassociates127@gmail.com

PROJECT:
ZAMIR GUL DAM
KOHAT

TITLE:
DE-WATERING CHAMBER
SUB TITLE:
RD = 5+540.32 ~ 6+150

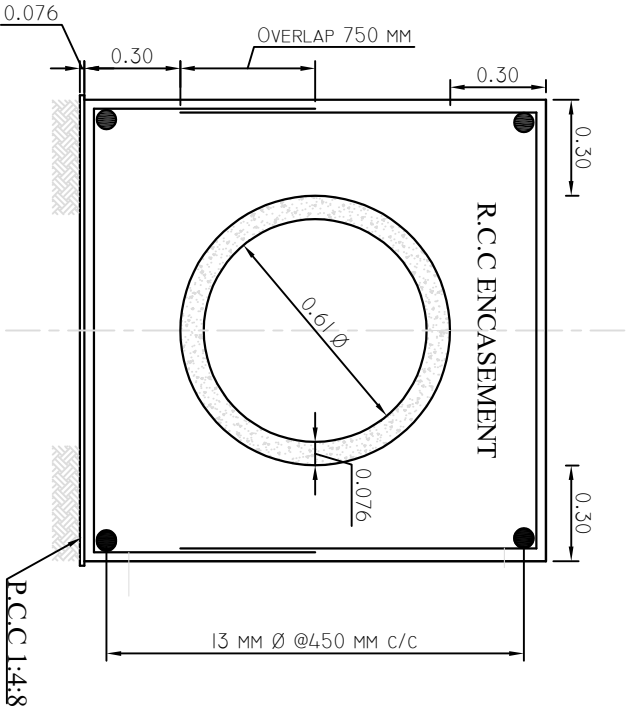
DRAWN BY
REVISID BY
DESIGN BY
CHECKED &
SUBMITTED BY

NAWAB ZADA
MUNEER KHAN
SALAH UDDIN
FARID KHAN

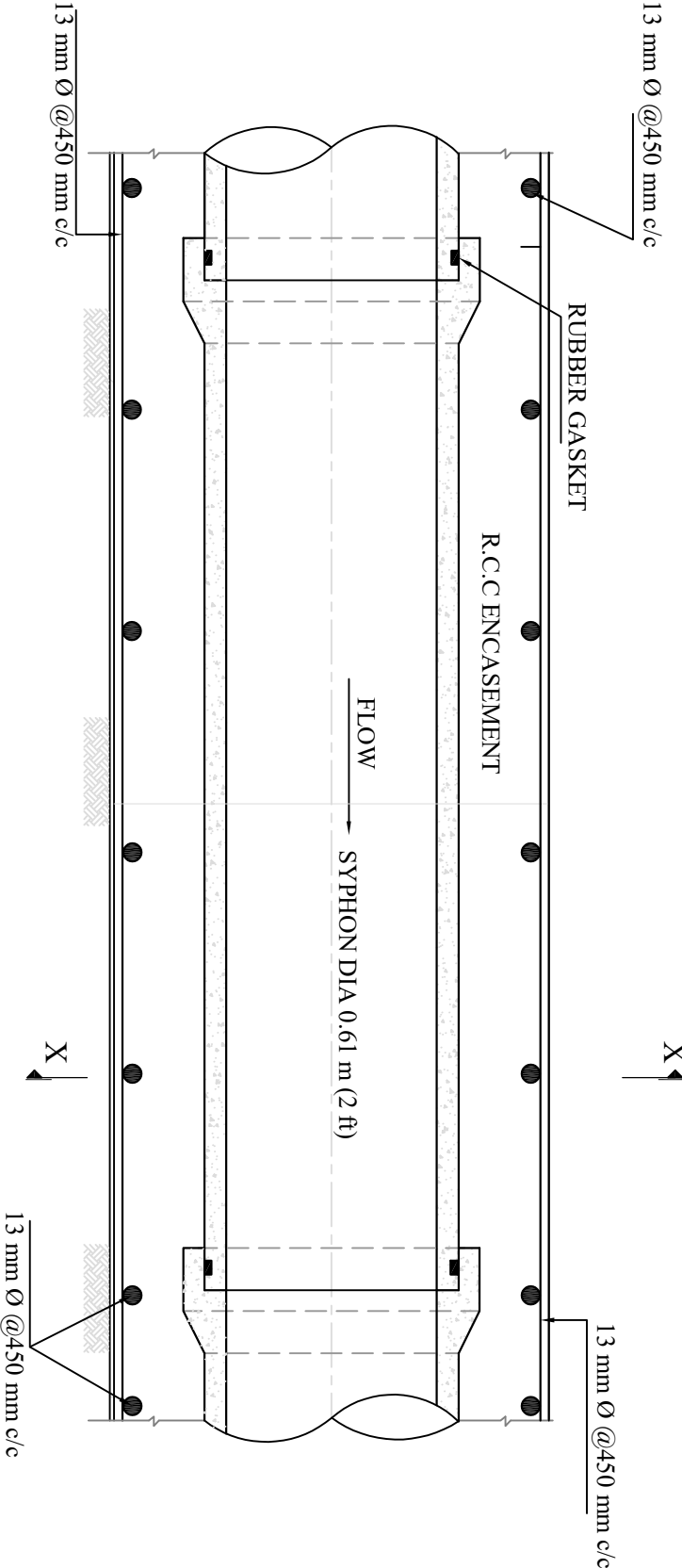
DRAWING NO.
REVISION NO.
SHEET NO.

ZGD-IS-SYP-03
03

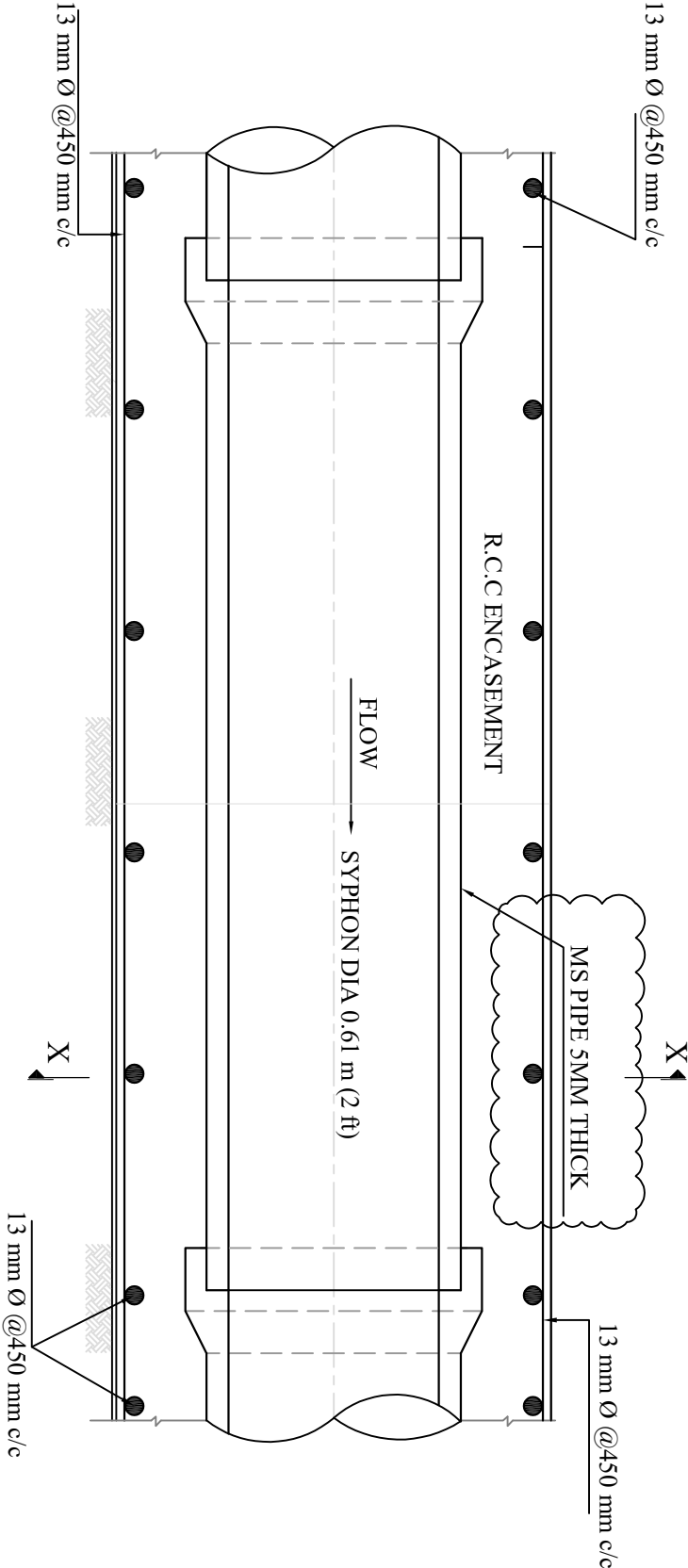
DATE:
MAY, 2013



SECTION X-X
SCALE " 1:50 "



SYPHON DETAIL (TYP.)
SCALE " 1:50 "



SYPHON DETAIL LENGTH=45m
SCALE " 1:50 "

NOTE :-

ALL DIMENSIONS ARE IN METERS.

CLIENT:		CONSULTANTS:		PROJECT:		TITLE:		DRAWN BY		DRAWING NO.		DATE:	
				ZAMIR GUL DAM		SYPHON		NAMVAB ZADA		ZGD-IS-SYP-05			
GOVERNMENT OF KHYBER PAKHTUNKHWA DIRECTORATE GENERAL SMALL DAMS IRRIGATION DEPARTMENT PESHAWAR		CONSULTING ASSOCIATES NSTOWER HAVATABAD COMMERCIAL COMPLEX NEAR WFP WAREHOUSE, MAIN ACHINI BALA ROAD PESHAWAR PH # 091-570774-45 Fax - 091-570775 E-MAIL: consultingassociates127@gmail.com		KOHAT		SUB TITLE: REINFORCEMENT DETAILS		REVISED BY DESIGN BY CHECKED & SUBMITTED BY		MUNEEB KHAN SALAH UD DIN FARID KHAN		REVISION NO. SHEET NO.	
										03		MAY, 2013	



CLIENT:
GOVERNMENT OF KHYBER PAKHTUNKHWA
DIRECTORATE GENERAL SMALL DAMS
IRRIGATION DEPARTMENT, PESHAWAR



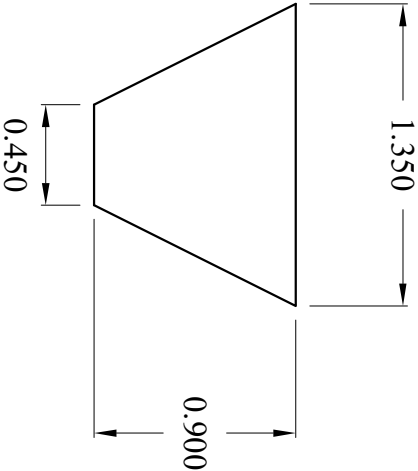
CONSULTANTS:
CONSULTING ASSOCIATES
NS TOWER HAYATABAD COMMERCIAL COMPLEX
NEAR WFP WAREHOUSE, MAIN ACHINI BALA ROAD, PESHAWAR
PH #: 091-5701774-45 Fax: - 091-5701775
E-MAIL: consultingassociates127@gmail.com

PROJECT:
ZAMIR GUL DAM
KOHAT

TITLE:
TRASH RACK DETAIL
SUB TITLE:
RD = 5+540.32 ~ 6+150

DRAWN BY	NAWAB ZADA		DRAWING NO.	ZGD-IS-SYP-04	DATE:
REVISED BY	MUNEEB KHAN		REVISION NO.	03	
DESIGN BY	SALAH UDDIN				
CHECKED & SUBMITTED BY	FARID KHAN		SHEET NO.		MAY, 2013

- SLOPE 1 : 0.5
PCC (1:3:6)
- KEY FOR PIPE SLOPING UPSTREAM @ 30' c/c
 - DOWNSTREAM PIPE @ 100' c/c

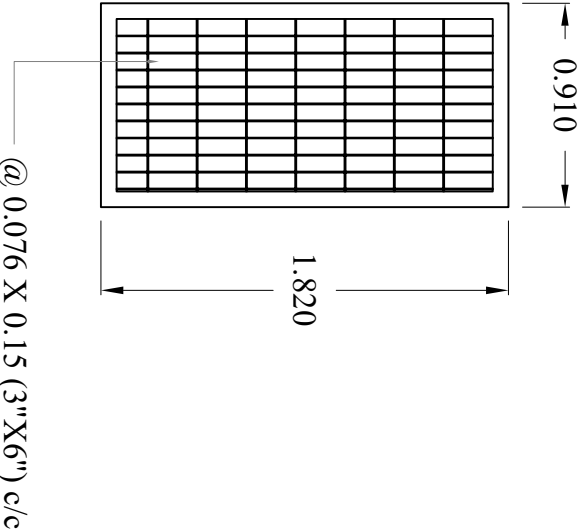
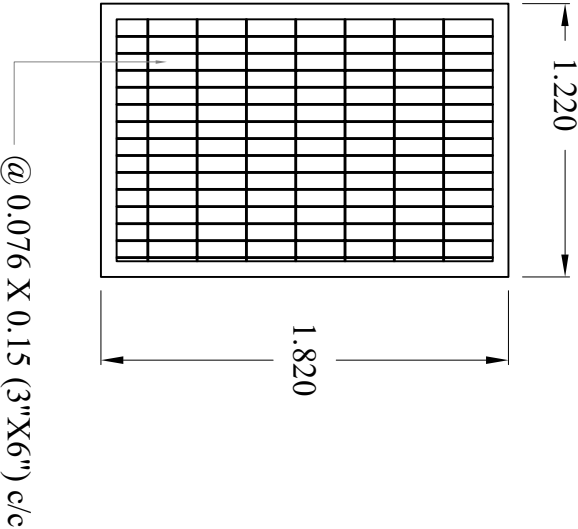


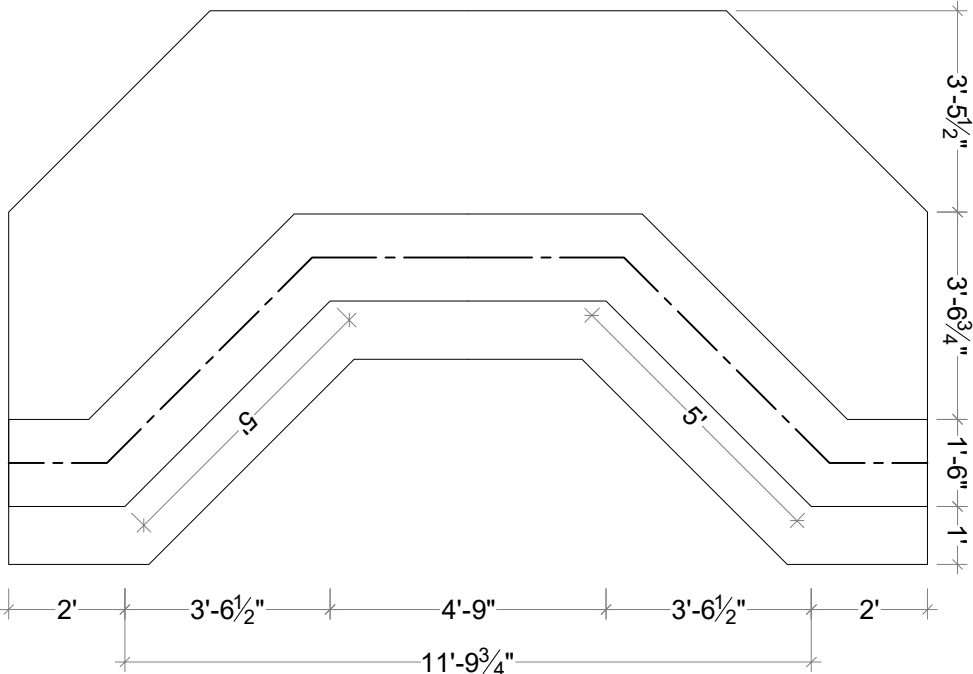
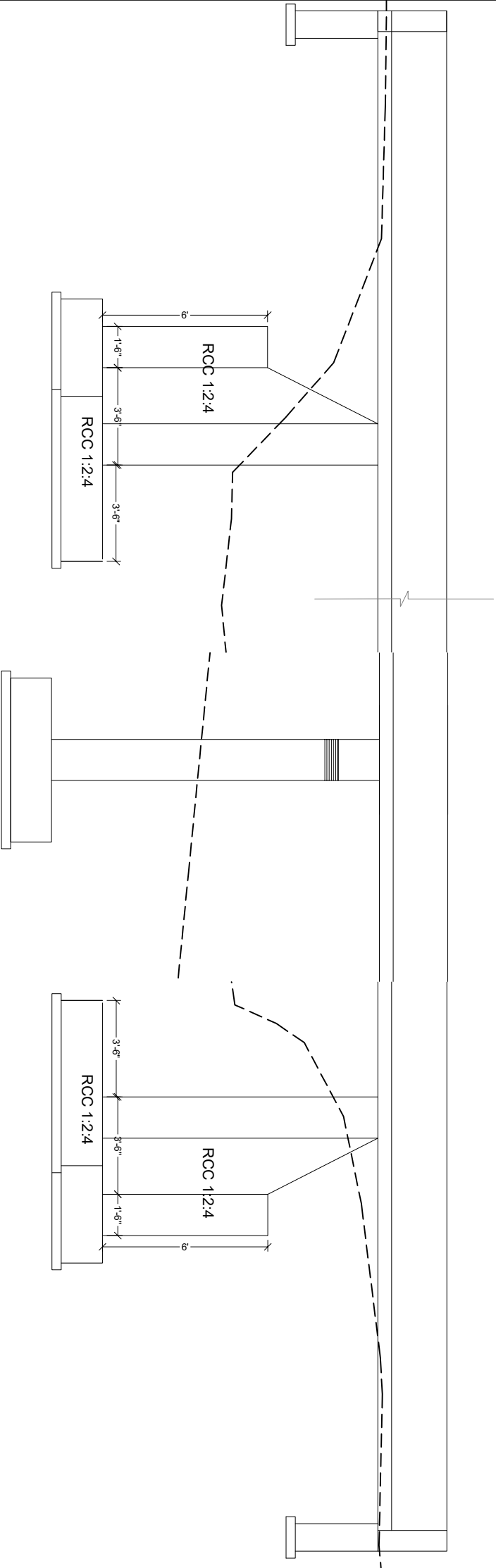
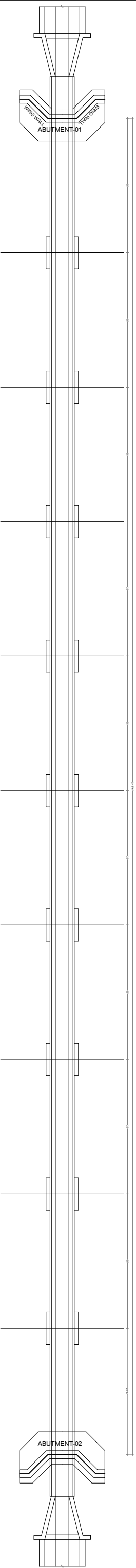
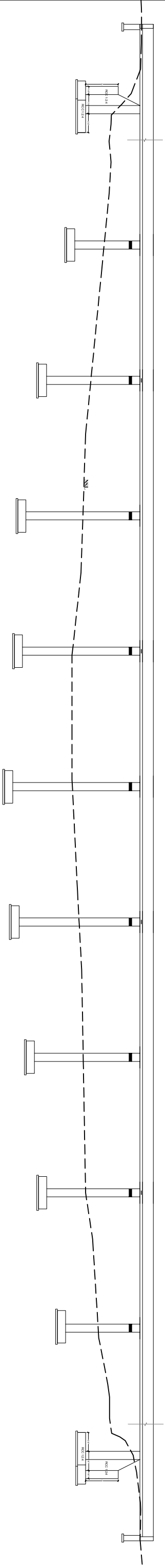
TRASH RACK DETAIL FOR SYPHON NO. 01

SCALE = 1:30

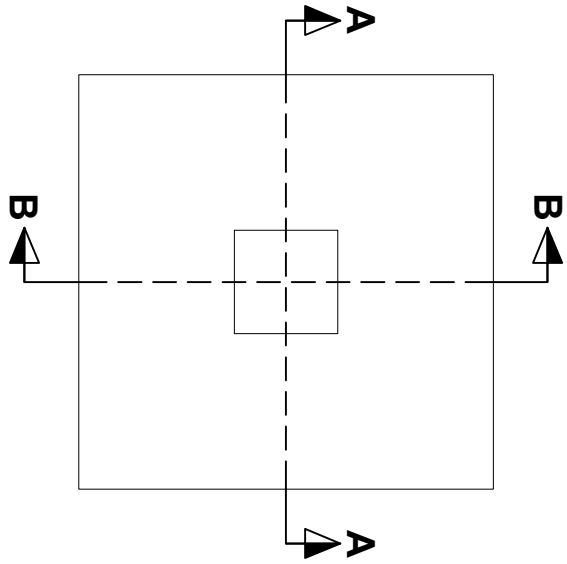
TRASH RACK DETAIL FOR SYPHON NO. 02

SCALE = 1:30

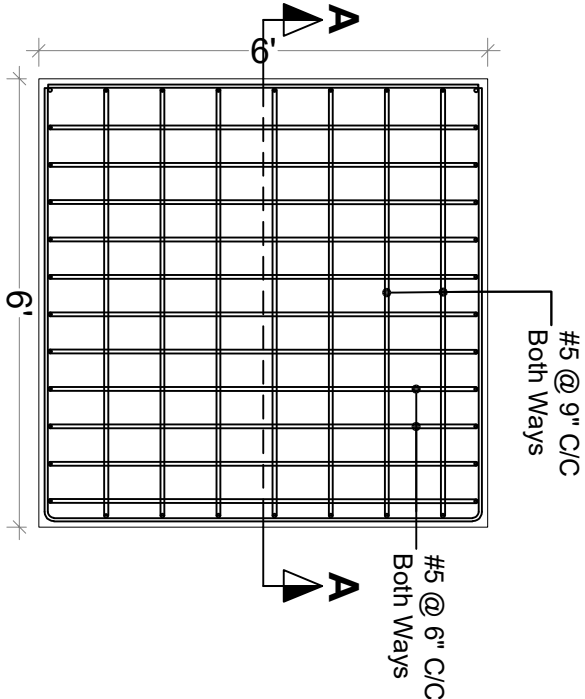




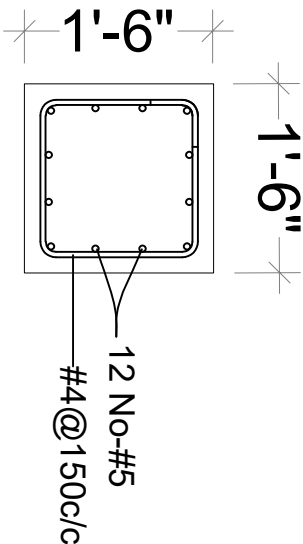
GOVERNMENT OF KHYBER PAKHTUNKHWA DIRECTORATE GENERAL SMALL DAMS, IRRIGATION DEPARTMENT, PESHAWAR		 CONSULTING ASSOCIATES HOUSE #39A, SYED JAMAL UDDIN ROAD, UNIVERSITY TOWN PESHAWAR, PAKISTAN PH: +92 91 5701774 EMAIL: Consultingassociates127@gmail.com	
TITLE:- ZAMIR GUL DAM PROJECT KOHAT		DRAWING TITLE:- HYDRAULIC STRUCTURES AQUEDUCT	
DRAWING:- PLAN ABUTMENT ,WING WALLS AND CUTOFF WALL		DRAWN BY MUNEEB KHAN	
		DESIGN BY DAWOOD KHAN	
		CHECKED & SUBMITTED BY SHAKIL AHMAD	
		SHEET NO.	



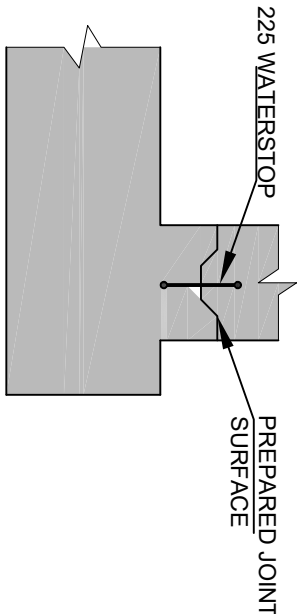
PIER PLAN



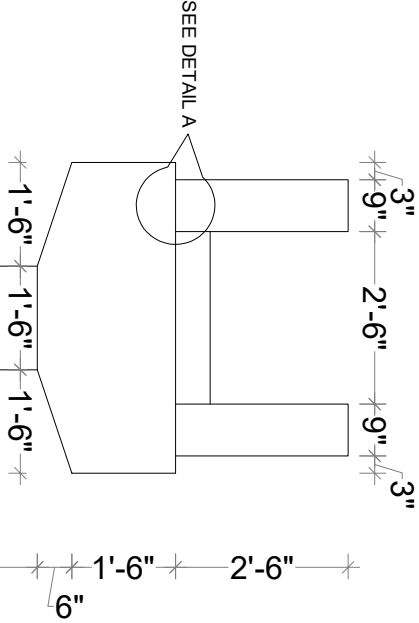
PIER PLAN



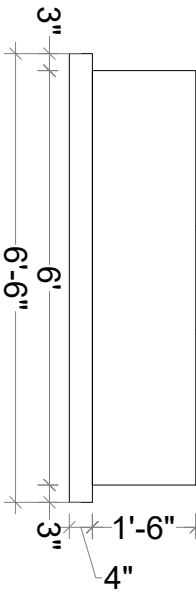
PIER SECTION C-C



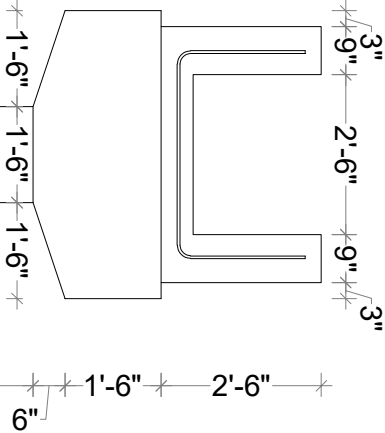
SEE DETAIL-A



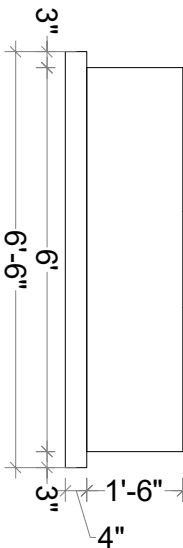
VARIES



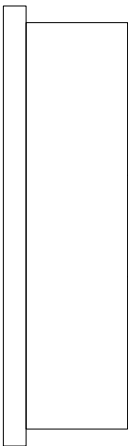
SECTION A-A



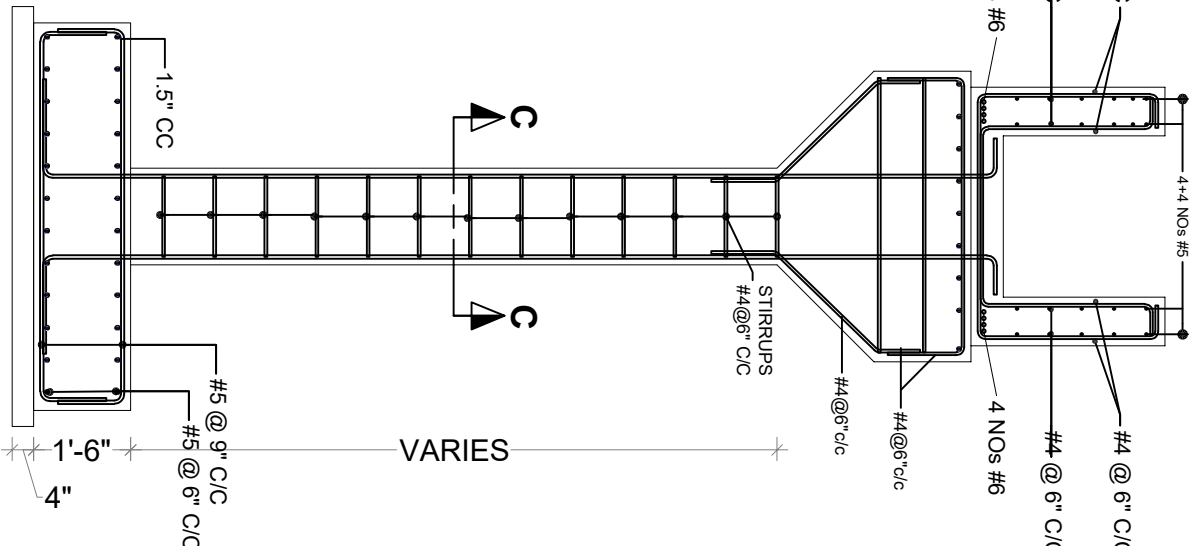
VARIES



SECTION A-A
AT 50' INTERVALS



SECTION B-B
AT 50' INTERVALS



VARIES

SECTION A-A
REINFORCEMENT DETAILS

GOVERNMENT OF KHYBER PAKHTUNKHWA
DIRECTORATE GENERAL SMALL DAMS,
IRRIGATION DEPARTMENT, PESHAWAR



CONSULTING ASSOCIATES
HOUSE #39A, SYED JAMAL UDDIN ROAD, UNIVERSITY TOWN
PEHSAWAR, PAKISTAN
PH: +92 91 5701774
EMAIL: Consultingassociates127@gmail.com

TITLE:-

ZAMIR GUL DAM PROJECT
KOHAT

DRAWING TITLE:-

HYDRAULIC STRUCTURES
AQUEDUCT

DRAWING:-

PLAN, WING WALLS SECTION
AND CUTOFF WALL SECTIONS

DRAWN BY

MUNEEB KHAN

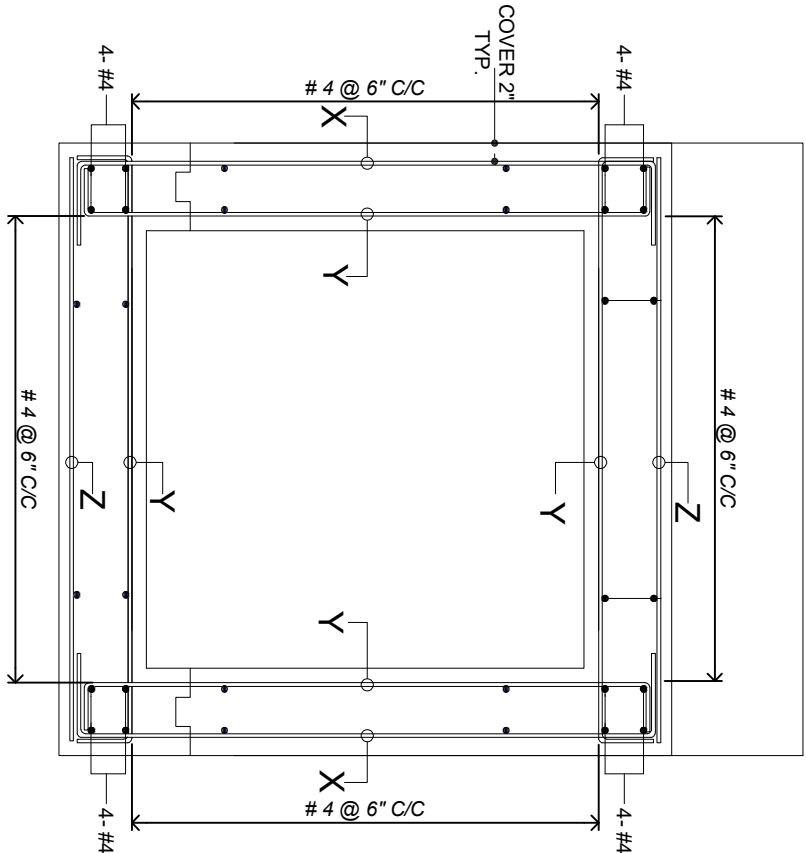
DESIGN BY

DAWOOD KHAN

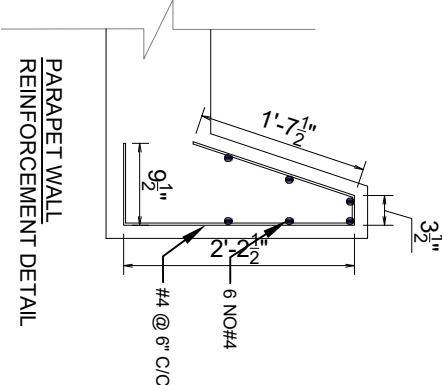
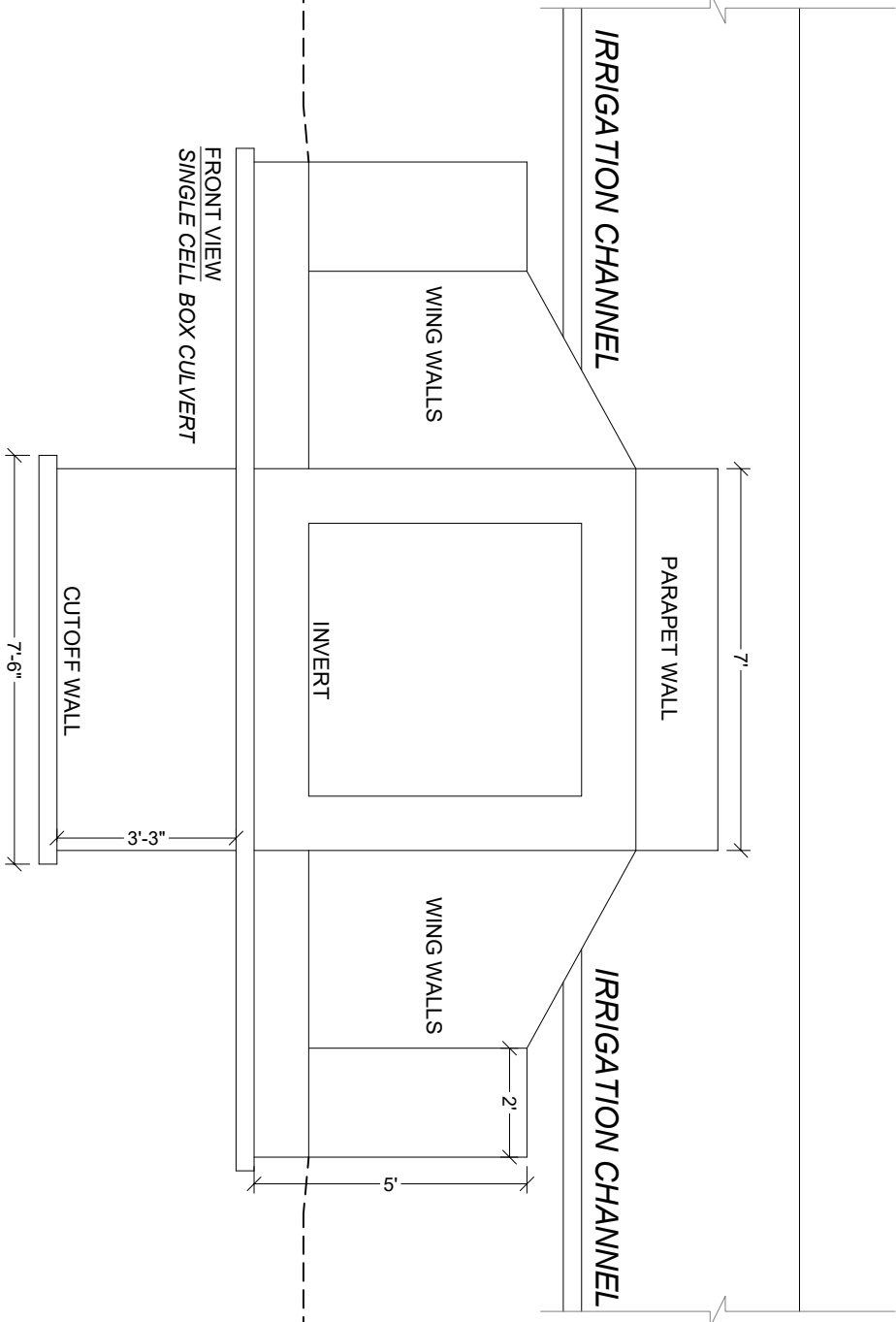
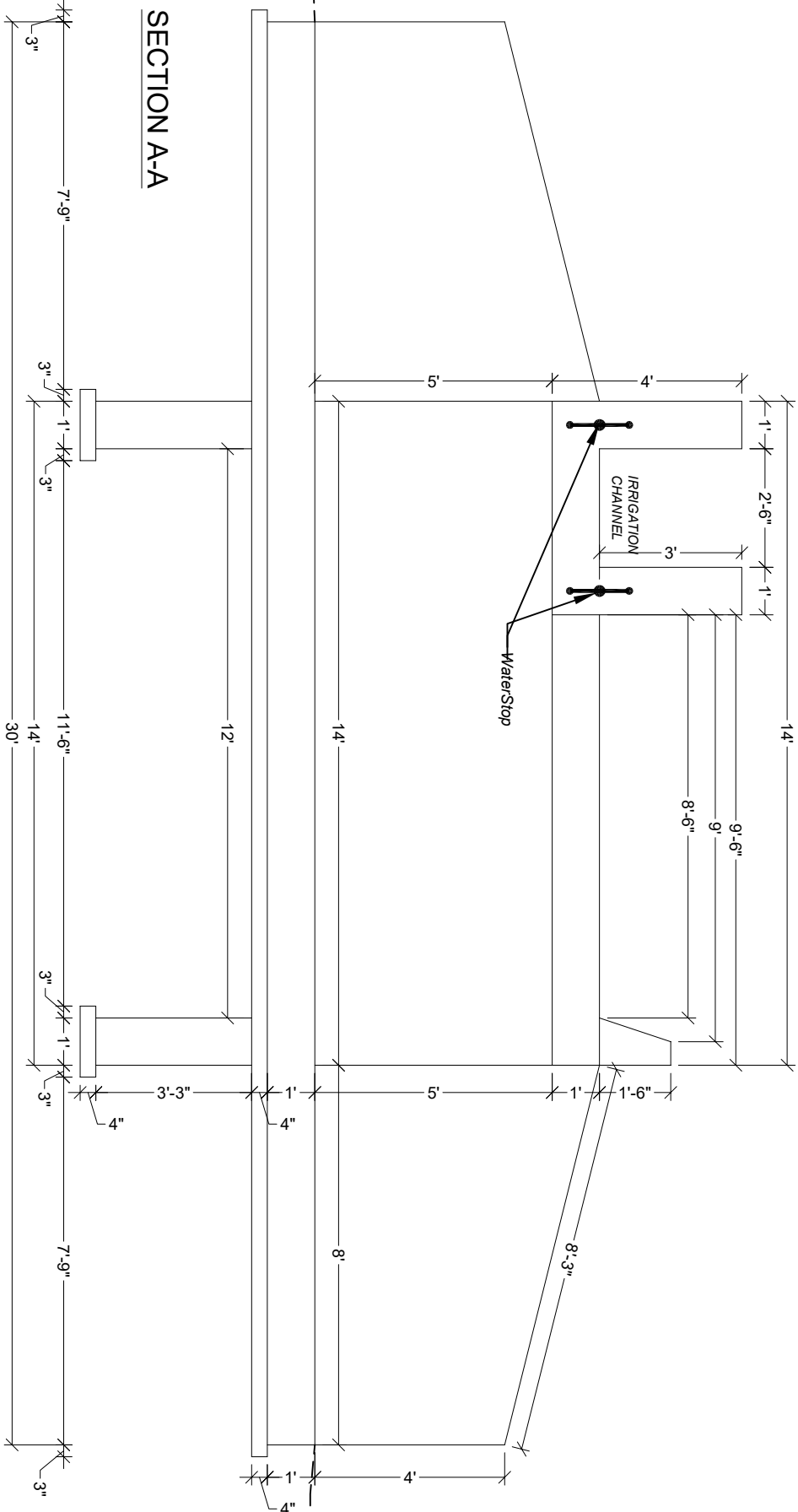
CHECKED &
SUBMITTED BY

SHAKIL AHMAD

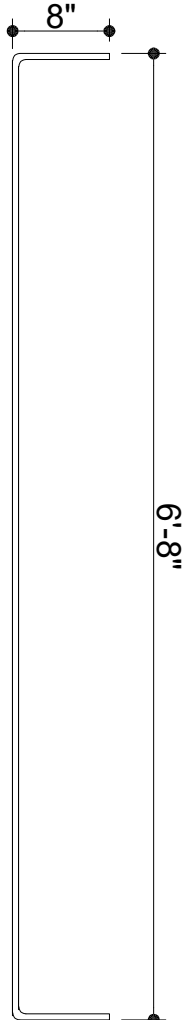
SHEET NO.



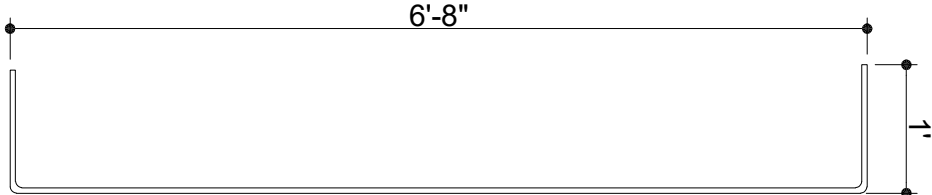
REINFORCEMENT DETAIL
SINGLE CELL
BOX CULVERT (5' x 5')



"Z" BAR DETAILS

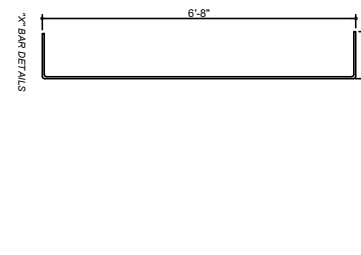
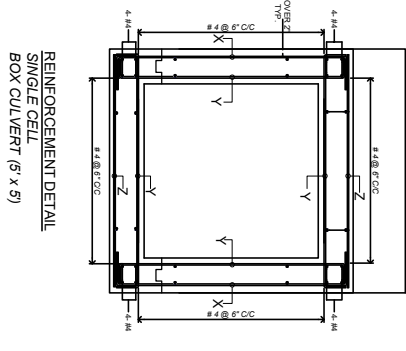
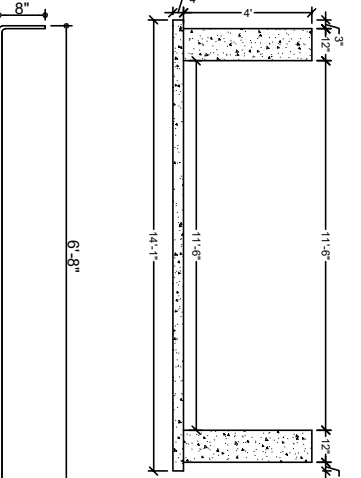
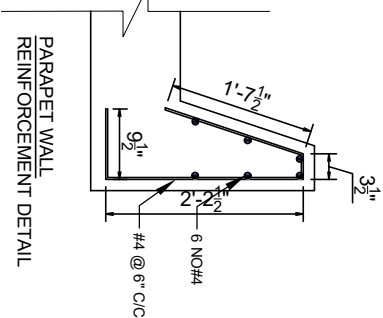
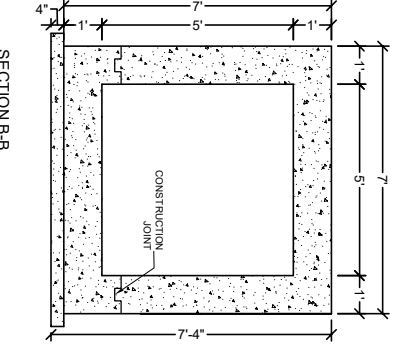
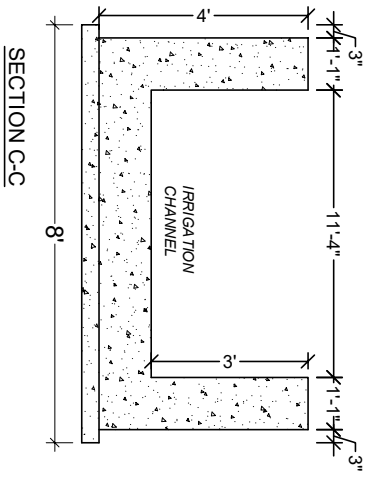
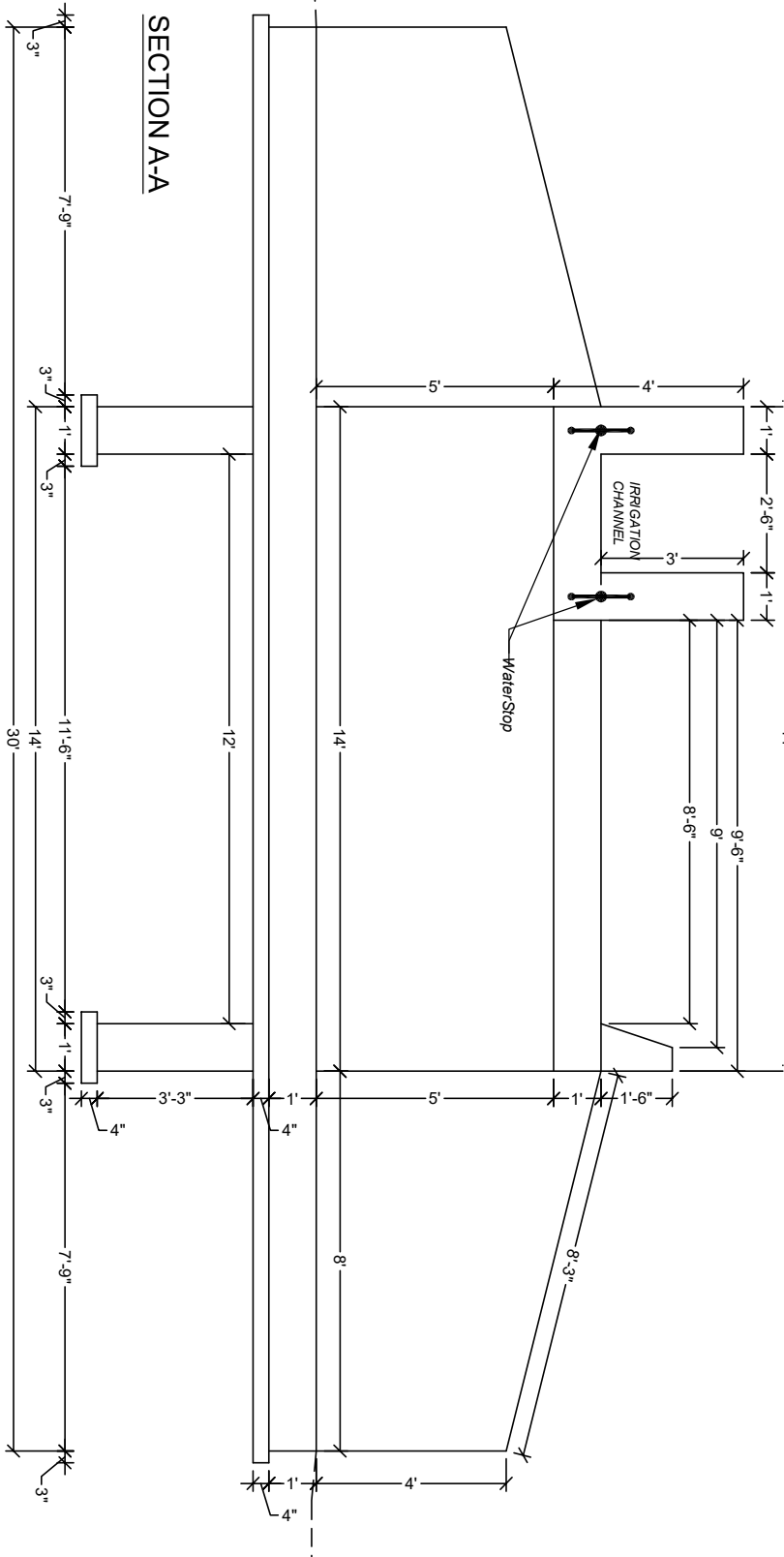
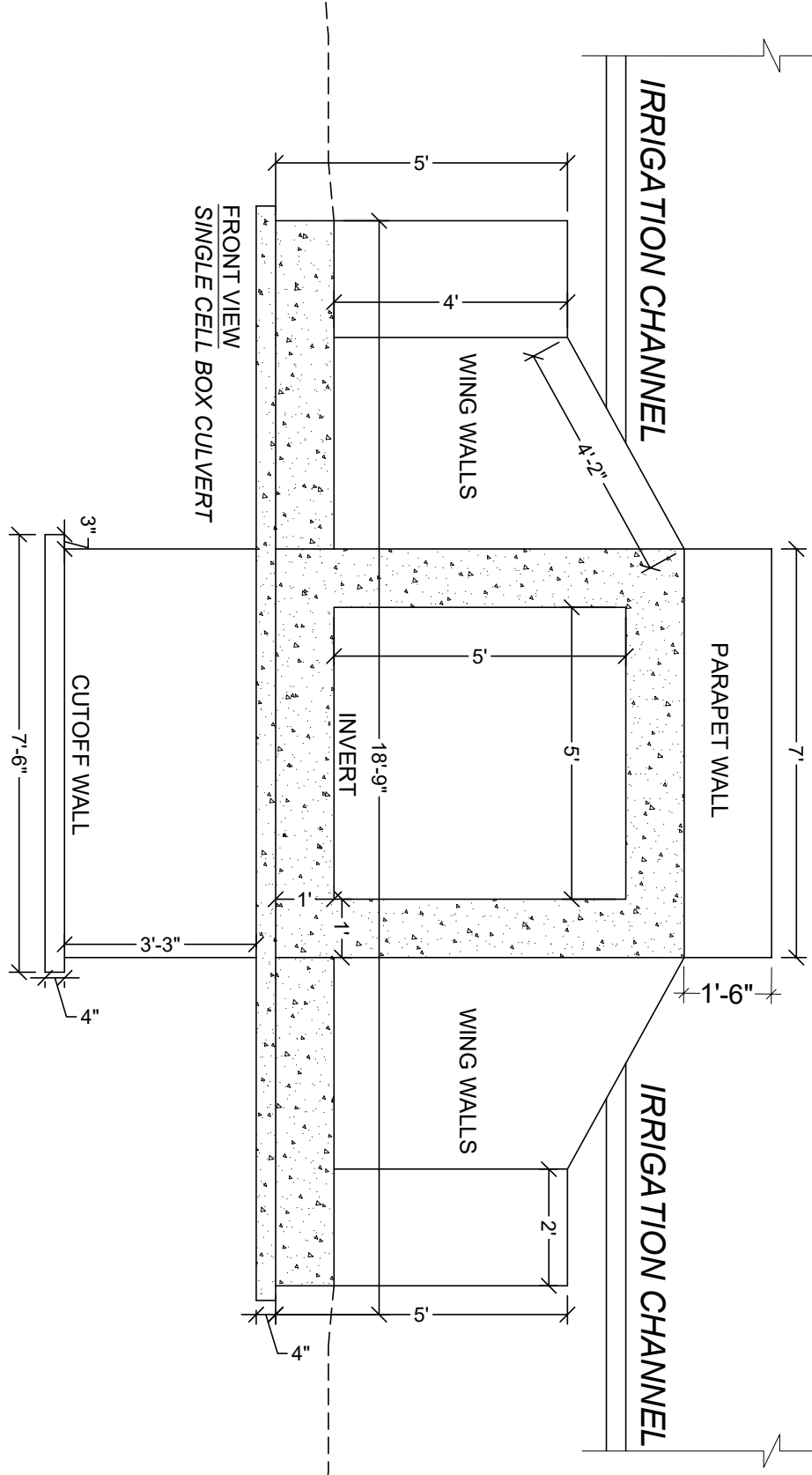
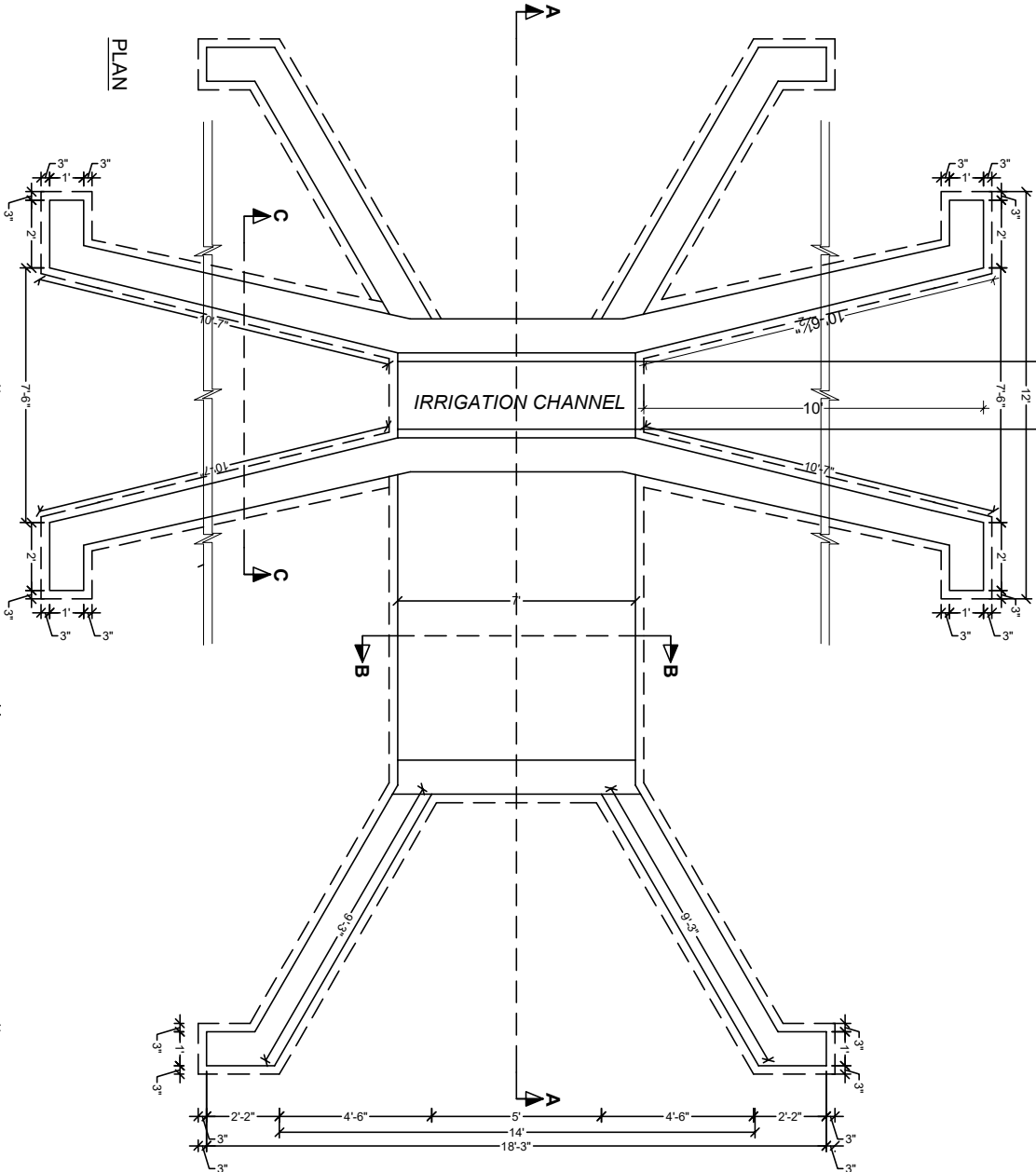


"Y" BAR DETAILS



"X" BAR DETAILS

GOVERNMENT OF KHYBER PAKHTUNKHWA DIRECTORATE GENERAL SMALL DAMS, IRRIGATION DEPARTMENT, PESHAWAR			CONSULTING ASSOCIATES HOUSE #39A, STEED JAMAL UDDIN ROAD, UNIVERSITY TOWN PESHAWAR, PAKISTAN PH: +92 91 5701774 EMAIL: Consultingassociates127@gmail.com			TITLE:-			DRAWING TITLE:-			DRAWING:-			DRAWN BY			MUNEER KHAN		
						ZAMIR GUL DAM PROJECT			HYDRAULIC STRUCTURES			TYPICAL SECTION, LONG SECTION			DESIGN BY			DAWOOD KHAN		
						KOHAT			BOX CULVERT			AND REINFORCEMENT DETAILS			CHECKED & SUBMITTED BY			SHAKIL AHMAD		
												SHEET NO.								



GOVERNMENT OF KHYBER PAKHTUNKHWA
DIRECTORATE GENERAL SMALL DAMS,
IRRIGATION DEPARTMENT, PESHAWAR



CONSULTING ASSOCIATES
HOUSE #99A, STEED JAMAL UDDIN ROAD, UNIVERSITY TOWN
PESHAWAR, PAKISTAN
PH: +92 91 5701774
EMAIL: Consultingassociates127@gmail.com

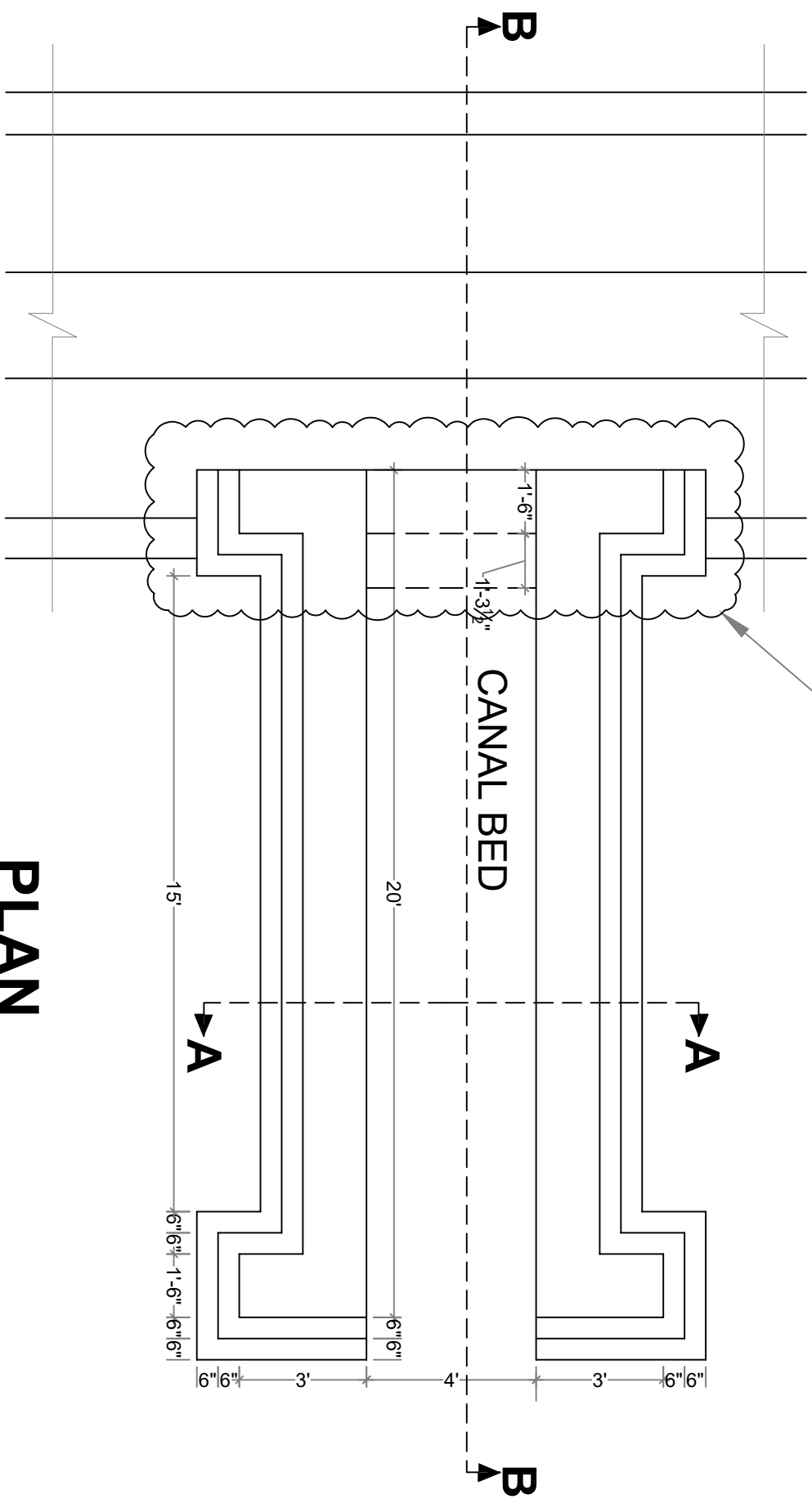
TITLE:-
ZAMIR GUL DAM PROJECT
KOHAT

DRAWING TITLE:-
HYDRAULIC STRUCTURES
BOX CULVERT

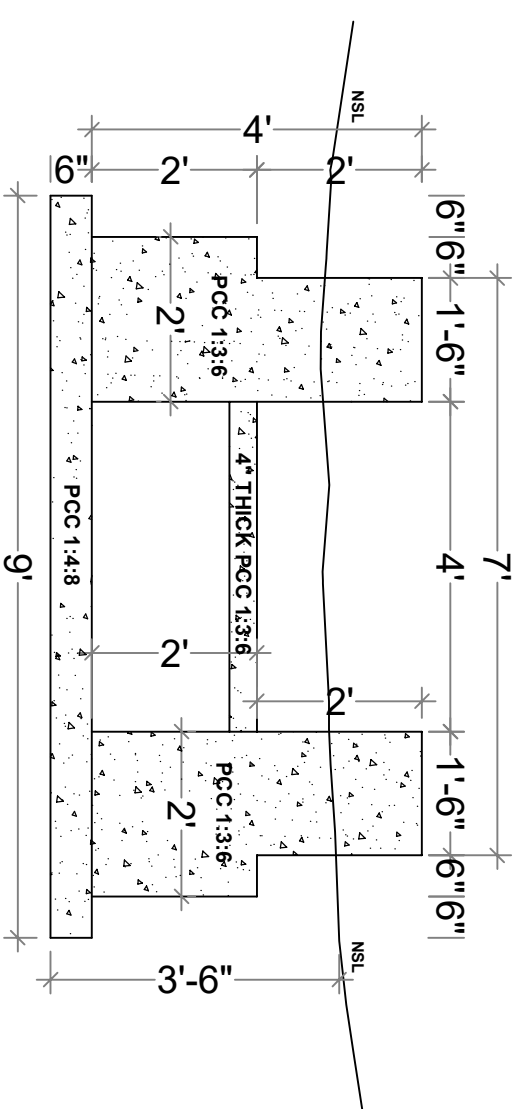
DRAWING:-
PLAN, SECTIONS AND
REINFORCEMENT DETAILS

DRAWN BY	MUNEER KHAN
DESIGN BY	DAWOOD KHAN
CHECKED & SUBMITTED BY	SHAKIL AHMAD
SHEET NO.	

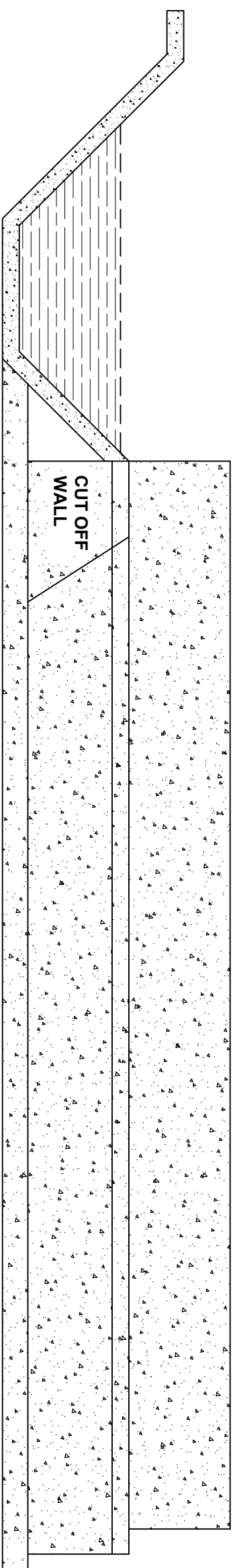
SEE DETAILS "N"



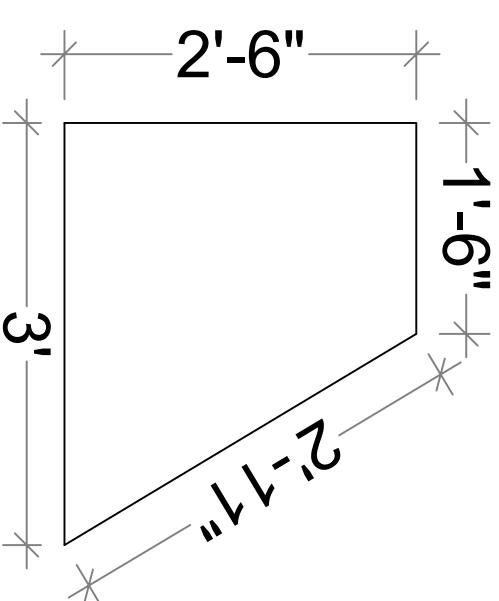
PLAN



SECTION A-A



SECTION B-B



DETAIL "N" CUT OFF WALL

GOVERNMENT OF KHYBER PAKHTUNKHWA
DIRECTORATE GENERAL SMALL DAMS,
IRRIGATION DEPARTMENT, PESHAWAR



CONSULTING ASSOCIATES
HOUSE #59A, SYED JAMAL UDDIN ROAD, UNIVERSITY TOWN
PEHSAWAR, PAKISTAN
PH: +92 91 5701774
EMAIL: Consultingassociates127@gmail.com

TITLE:-

ZAMIR GUL DAM PROJECT
KOHAT

DRAWING TITLE:-

HYDRAULIC STRUCTURES

FLOOD ESCAPE

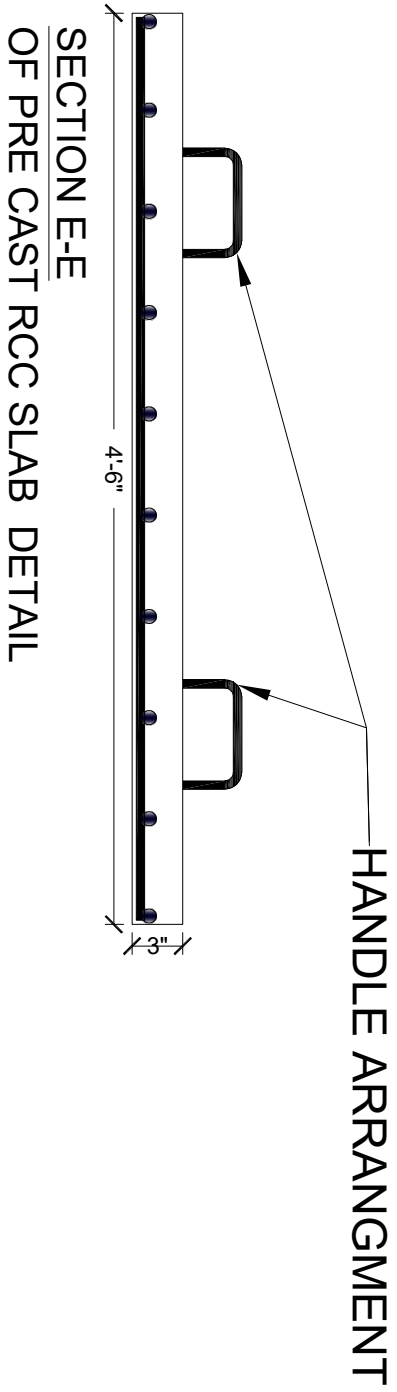
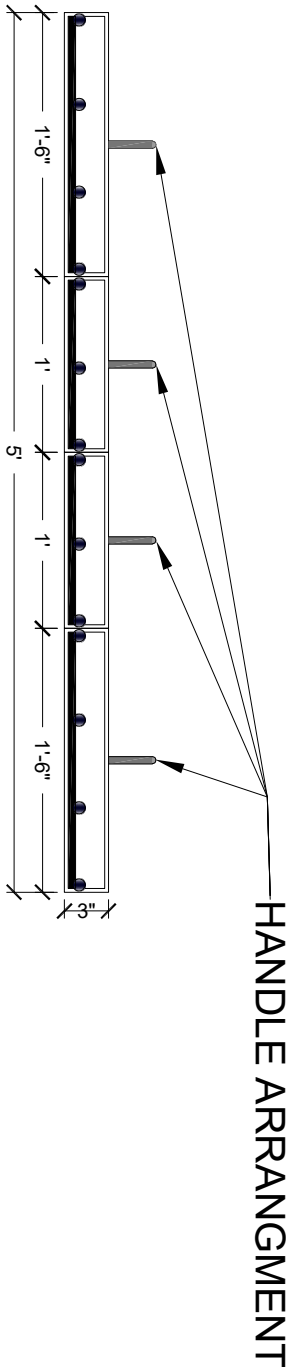
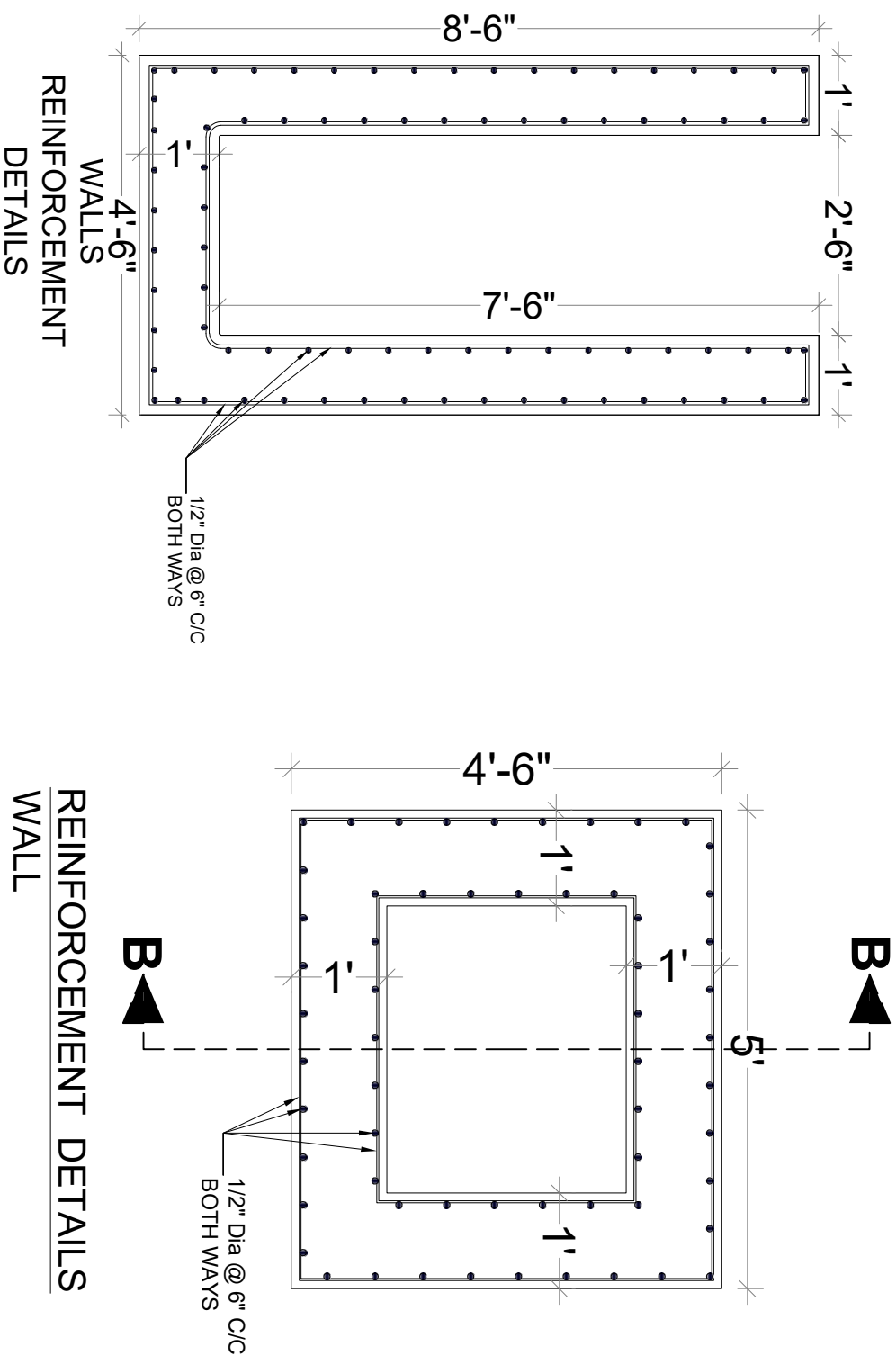
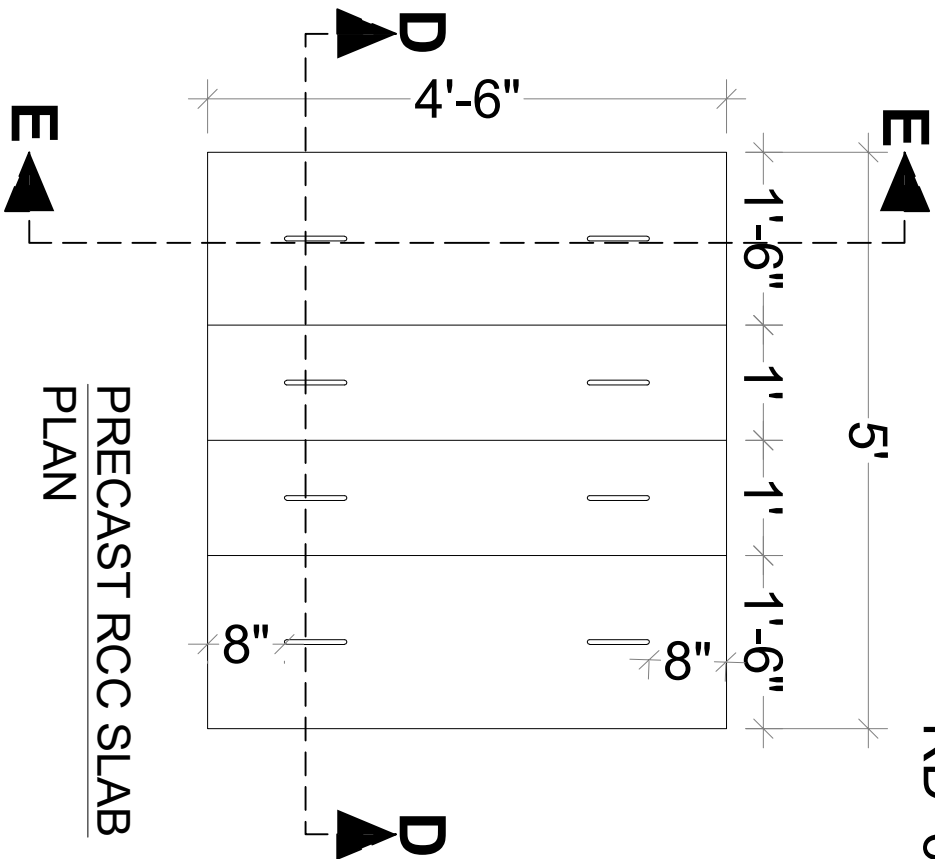
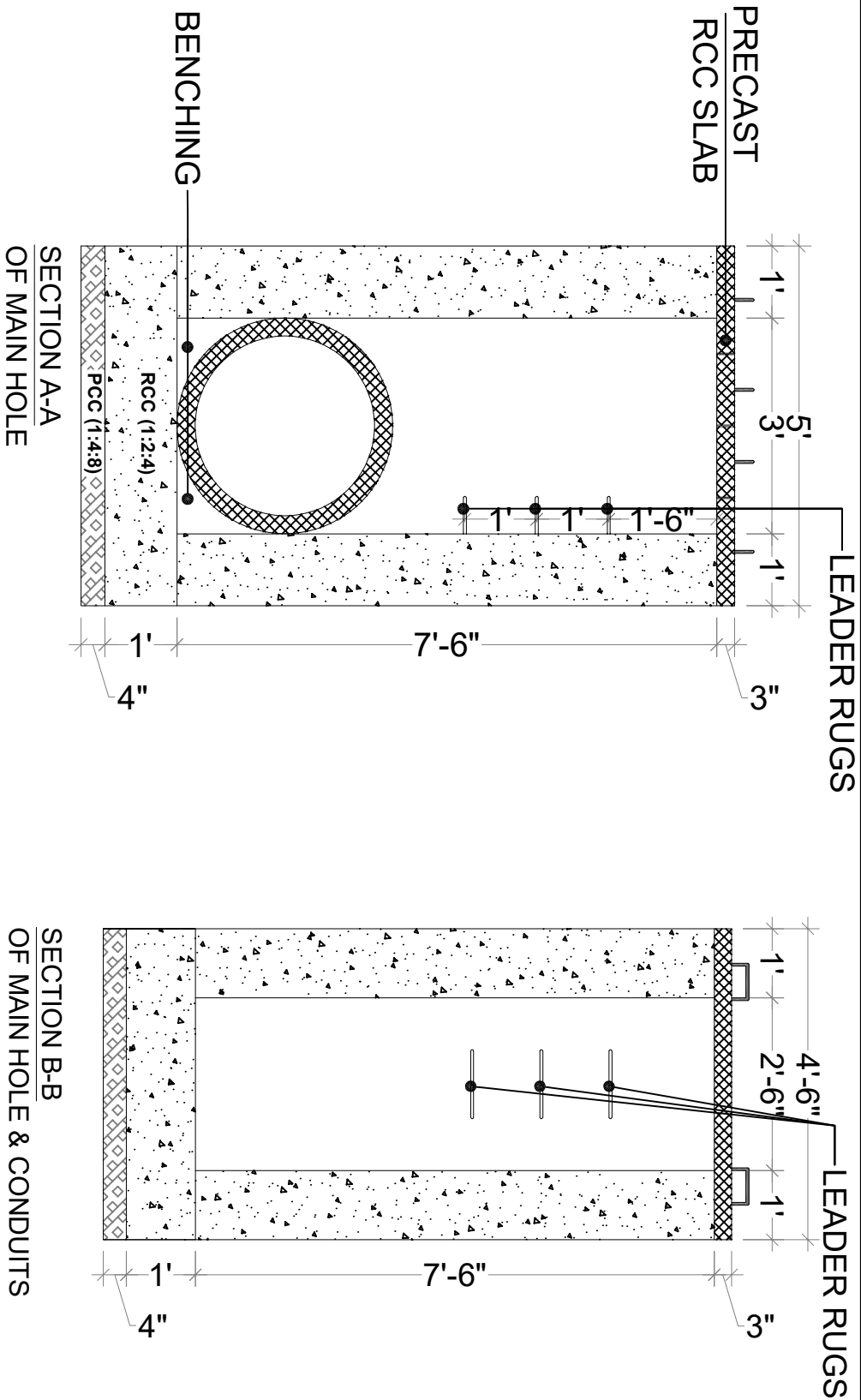
DRAWING:-

PLAN, SECTION A-A & SECTION B-B,
CUT OFF WALL
NO = 02 & LENGTH = 20'

DRAWN BY

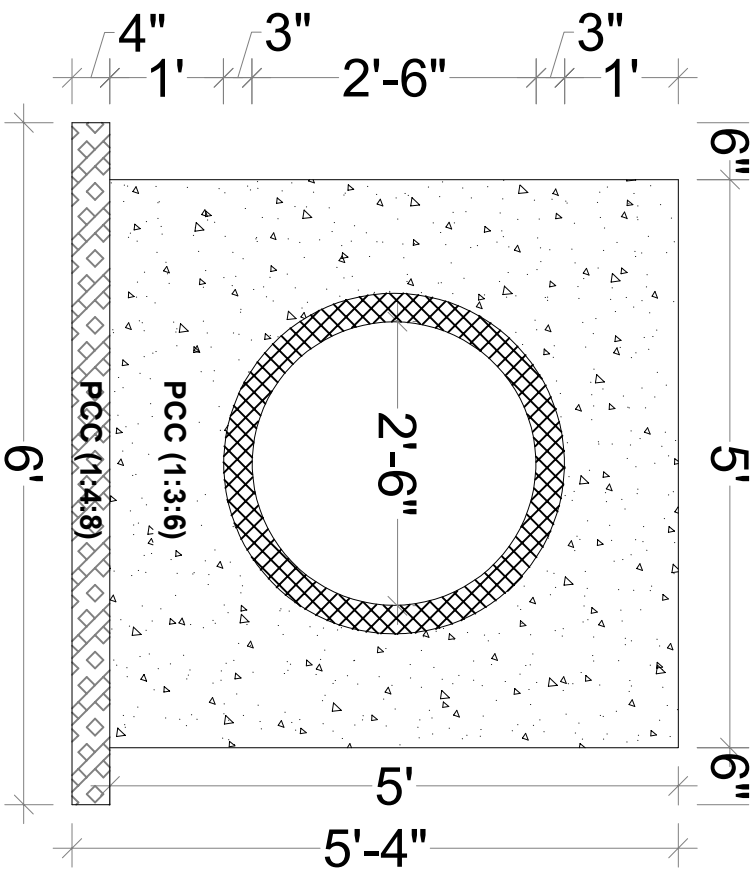
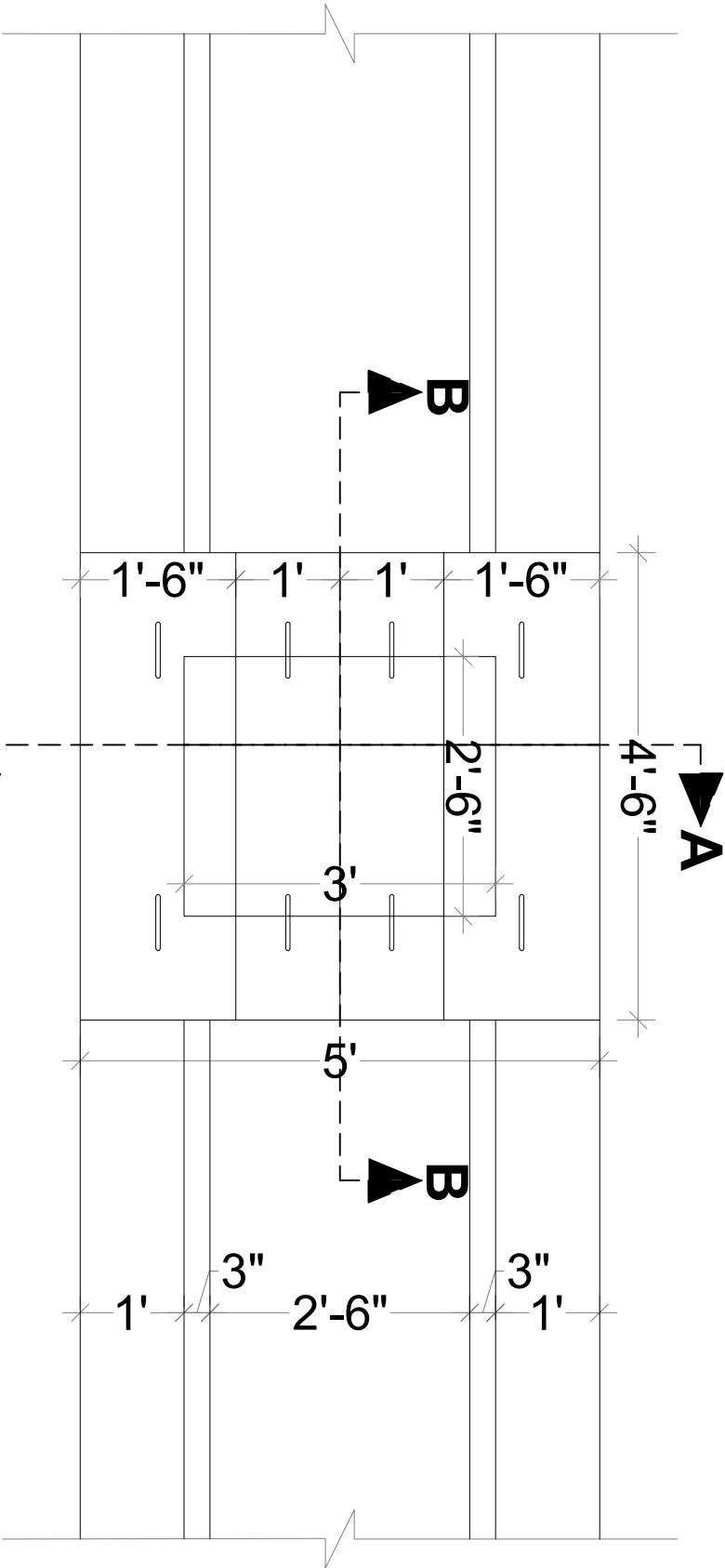
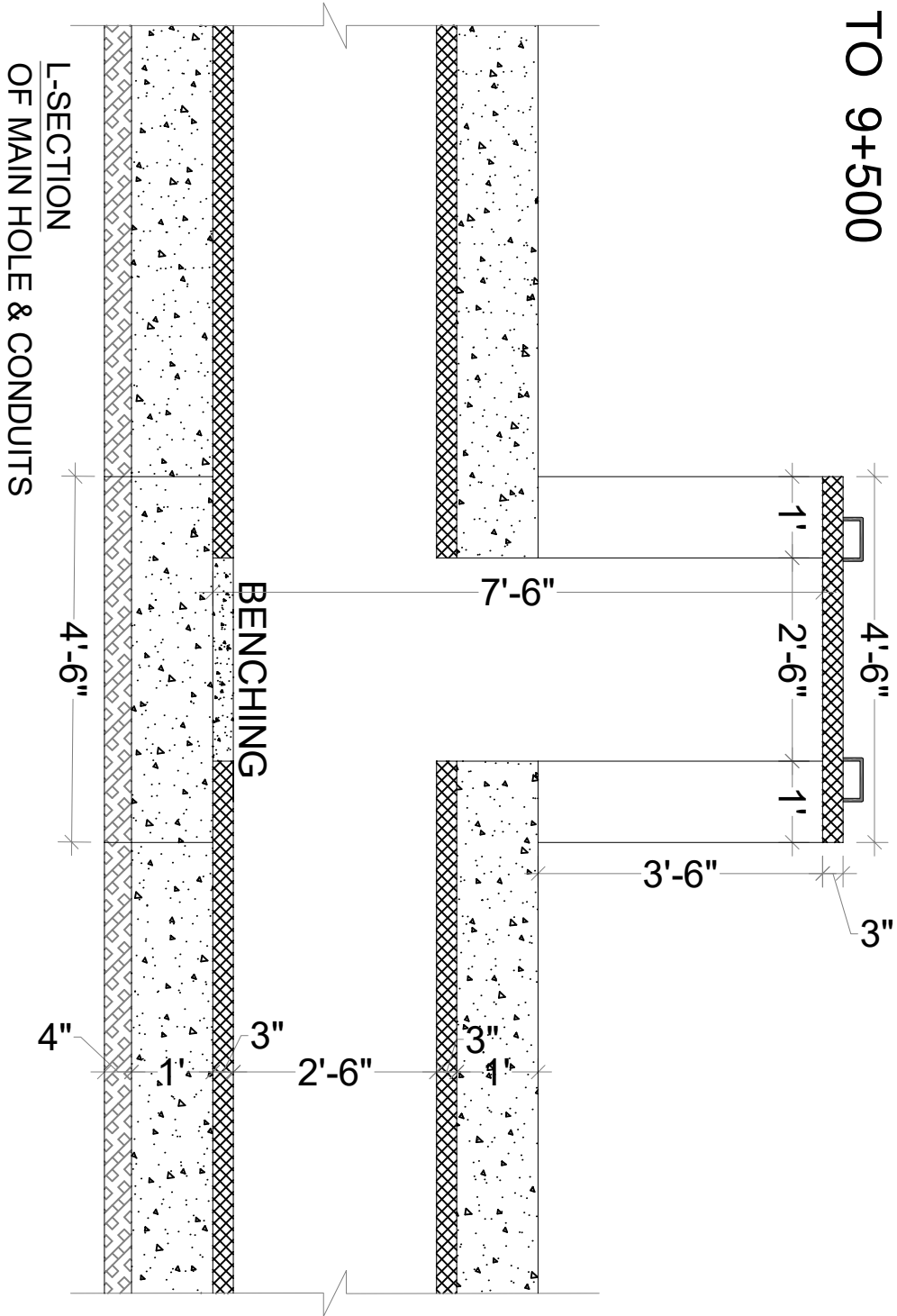
DESIGN BY	DAWOOD KHAN
CHECKED & SUBMITTED BY	SHAKIL AHMAD

SHEET NO.



GOVERNMENT OF KHYBER PAKHTUNKHWA DIRECTORATE GENERAL SMALL DAMS, IRRIGATION DEPARTMENT, PESHAWAR			 CONSULTING ASSOCIATES HOUSE #99A, STEED JAMAL UDDIN ROAD, UNIVERSITY TOWN PESHAWAR, PAKISTAN PH: +92 91 5701774 EMAIL: Consultingassociates127@gmail.com		
TITLE:- ZAMIR GUL DAM PROJECT KOHAT			DRAWING TITLE:- HYDRAULIC STRUCTURES		
			DRAWING:- TYPICAL SECTION, LONG SECTION AND REINFORCEMENT DETAILS		
			DRAWN BY DESIGN BY CHECKED & SUBMITTED BY SHEET NO.	MUNEEB KHAN DAWOOD KHAN SHAKIL AHMAD	

RD 6+200 TO 9+500



MAIN HOLE & CONDUITS
PLAN

TYPICAL SECTION
OF RCC PIPE CONDUIT

GOVERNMENT OF KHYBER PAKHTUNKHWA
DIRECTORATE GENERAL SMALL DAMS,
IRRIGATION DEPARTMENT, PESHAWAR



CONSULTING ASSOCIATES
HOUSE #39A, SYED JAMAL UDDIN ROAD, UNIVERSITY TOWN
PESHAWAR, PAKISTAN
PH: +92 91 5701774
EMAIL: Consultingassociates127@gmail.com

TITLE:-

ZAMIR GUL DAM PROJECT
KOHAT

DRAWING TITLE:-

HYDRAULIC STRUCTURES
MAIN HOLE & CONDUITS

DRAWING:-

PLAN, CROSS SECTION &
LONG SECTION

DRAWN BY

MUNEER KHAN

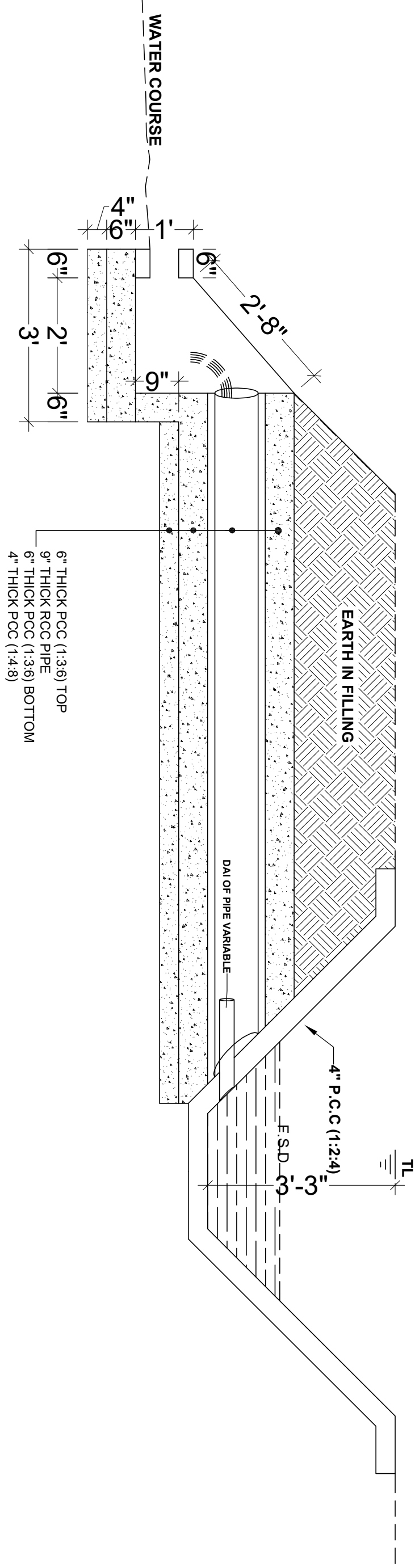
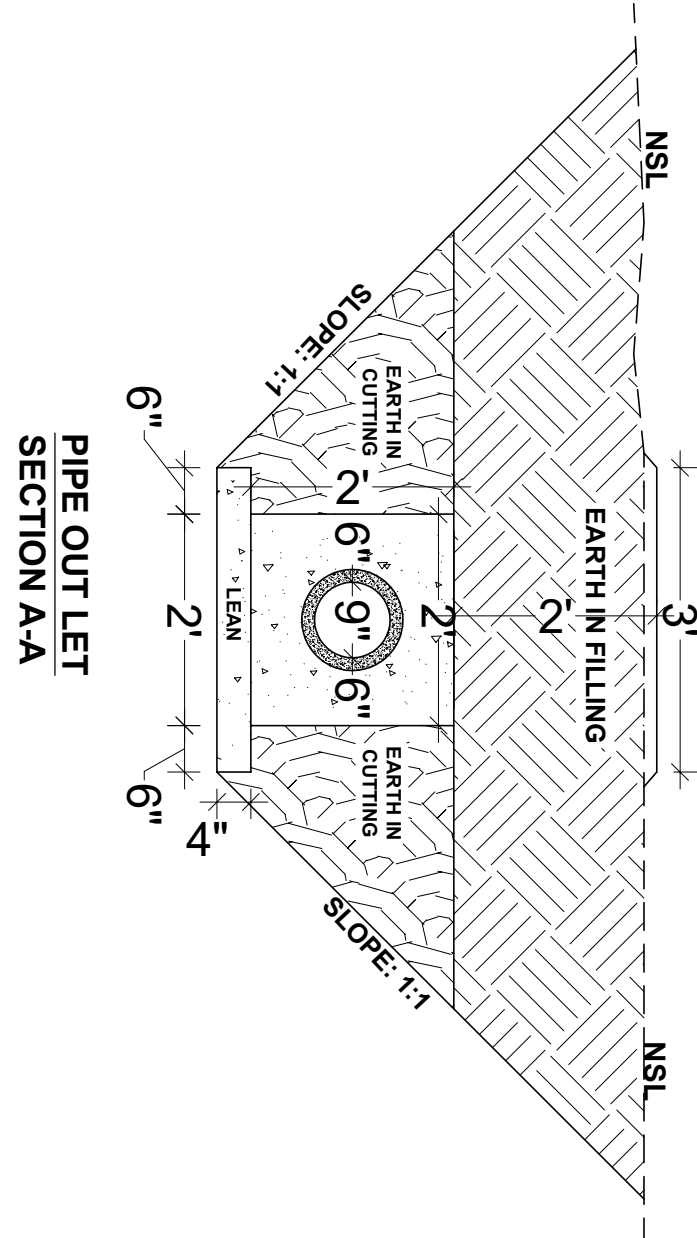
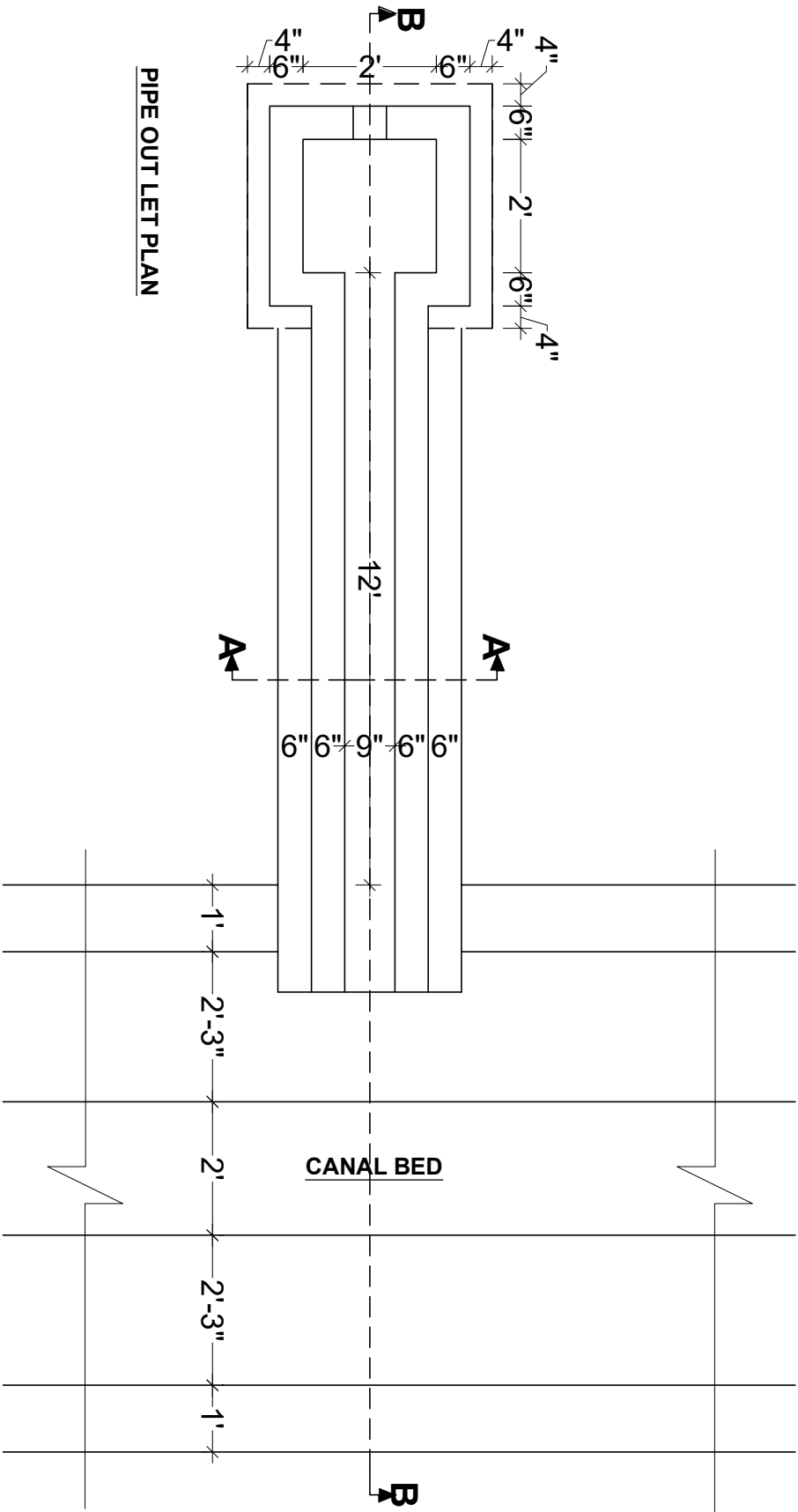
DESIGN BY

DAWOOD KHAN

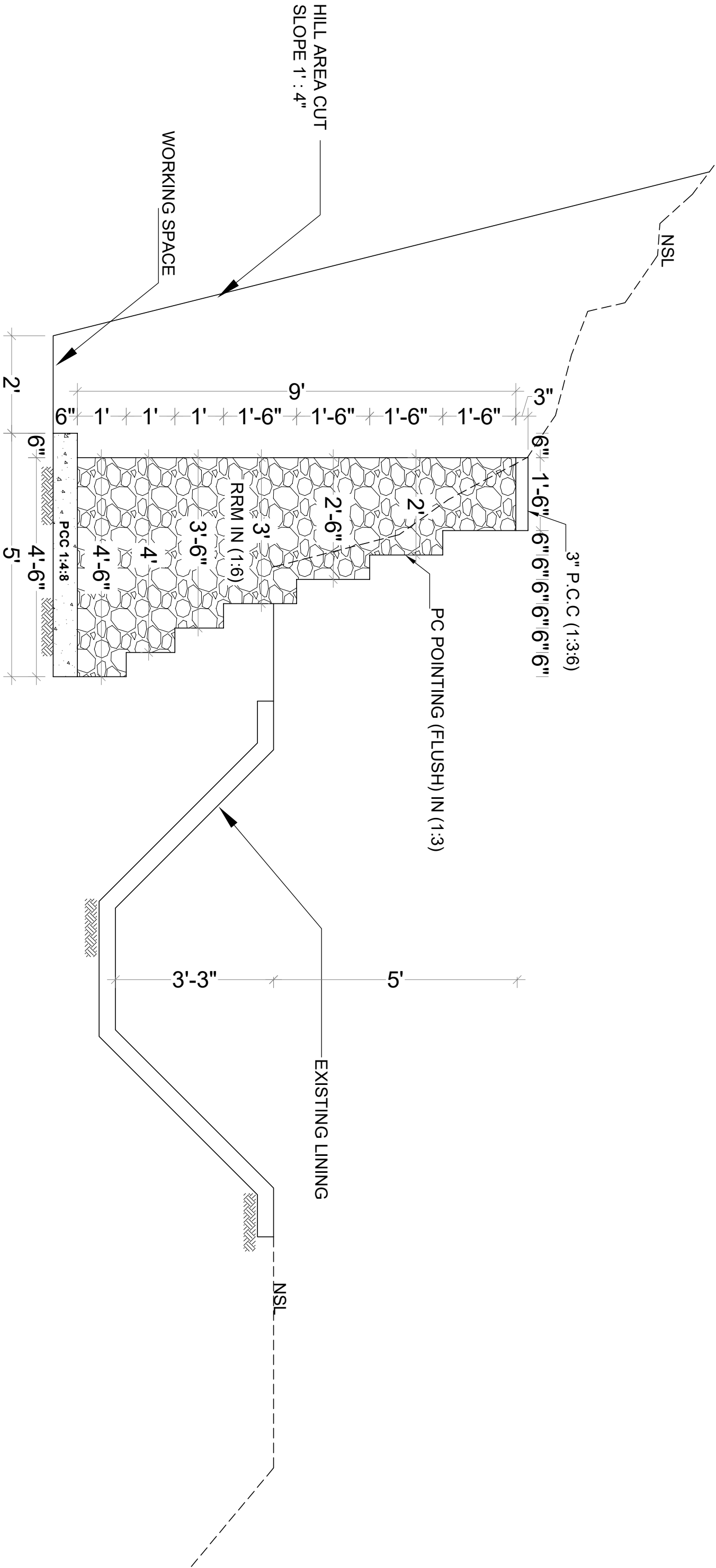
CHECKED &
SUBMITTED BY

SHAKIL AHMAD

SHEET NO.



GOVERNMENT OF KHYBER PAKHTUNKHWA DIRECTORATE GENERAL SMALL DAMS, IRRIGATION DEPARTMENT, PESHAWAR			 CONSULTING ASSOCIATES HOUSE #99A, SYED JAMAL UDDIN ROAD, UNIVERSITY TOWN PESHAWAR, PAKISTAN PH: +92 91 5701774 EMAIL: Consultingassociates127@gmail.com			TITLE:- ZAMIR GUL DAM PROJECT KOHAT			DRAWING TITLE:- HYDRAULIC STRUCTURES PIPE OUTLET			DRAWING:- PLAN, SECTION A-A, SECTION B-B			DRAWN BY		MUNEEB KHAN	
		DESIGN BY		DAWOOD KHAN														
		CHECKED & SUBMITTED BY		SHAKIL AHMAD														
		SHEET NO.																



TYPICAL SECTION OF RETAINING WALL
RD = 6+300 TO 7+400
LENGTH = 2258'

GOVERNMENT OF KHYBER PAKHTUNKHWA DIRECTORATE GENERAL SMALL DAMS, IRRIGATION DEPARTMENT, PESHAWAR		 CONSULTING ASSOCIATES HOUSE #39A, SYED JAMAL UDDIN ROAD, UNIVERSITY TOWN PESHAWAR, PAKISTAN PH: +92 91 5701774 EMAIL: Consultingassociates127@gmail.com	TITLE:-		DRAWING TITLE:-		DRAWING:-	
		ZAMIR GUL DAM PROJECT		<u>HYDRAULIC STRUCTURES</u>		TYPICAL SECTION		
		KOHAT		RETAINING WALL				

GOVERNMENT OF KHYBER PAKHTUNKHWA DIRECTORATE GENERAL SMALL DAMS, IRRIGATION DEPARTMENT, PESHAWAR		 CONSULTING ASSOCIATES HOUSE #69A, SYED JAMAL UDDIN ROAD, UNIVERSITY TOWN PESHAWAR, PAKISTAN PH: +92 91 5701774 EMAIL: Consultingassociates127@gmail.com													
TITLE:- ZAMIR GUL DAM PROJECT KOHAT		DRAWING TITLE:- HYDRAULIC STRUCTURES SUPER PASSAGE													
DRAWING:- PLAN RD = 6+200 9+875		<table border="1"> <tr> <td>DRAWN BY</td> <td>MUNEEB KHAN</td> <td></td> </tr> <tr> <td>DESIGN BY</td> <td>DAWOOD KHAN</td> <td></td> </tr> <tr> <td>CHECKED & SUBMITTED BY</td> <td>SHAKIL AHMAD</td> <td></td> </tr> <tr> <td>SHEET NO.</td> <td></td> <td></td> </tr> </table>		DRAWN BY	MUNEEB KHAN		DESIGN BY	DAWOOD KHAN		CHECKED & SUBMITTED BY	SHAKIL AHMAD		SHEET NO.		
DRAWN BY	MUNEEB KHAN														
DESIGN BY	DAWOOD KHAN														
CHECKED & SUBMITTED BY	SHAKIL AHMAD														
SHEET NO.															



TITLE:-
ZAMIR GUL DAM PROJECT
KOHAT

DRAWING TITLE:-
HYDRAULIC STRUCTURES
SUPER PASSAGE

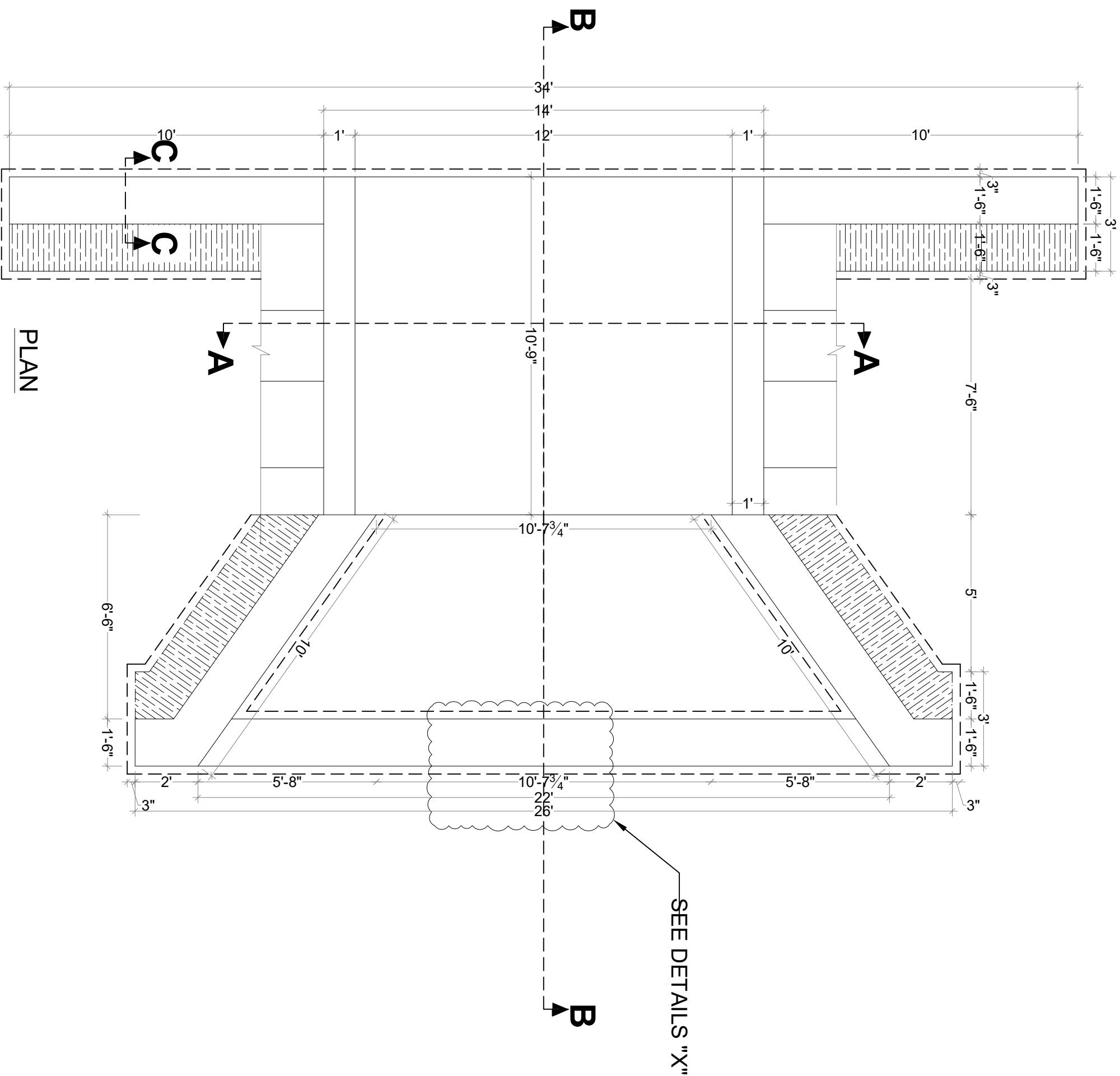
DRAWING:-

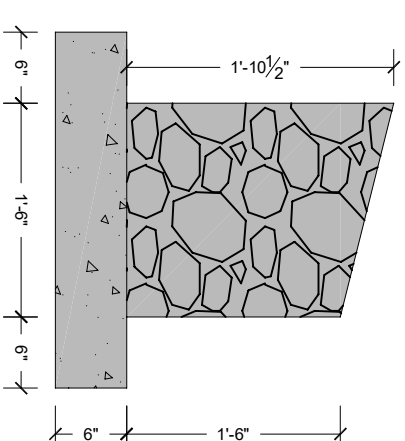
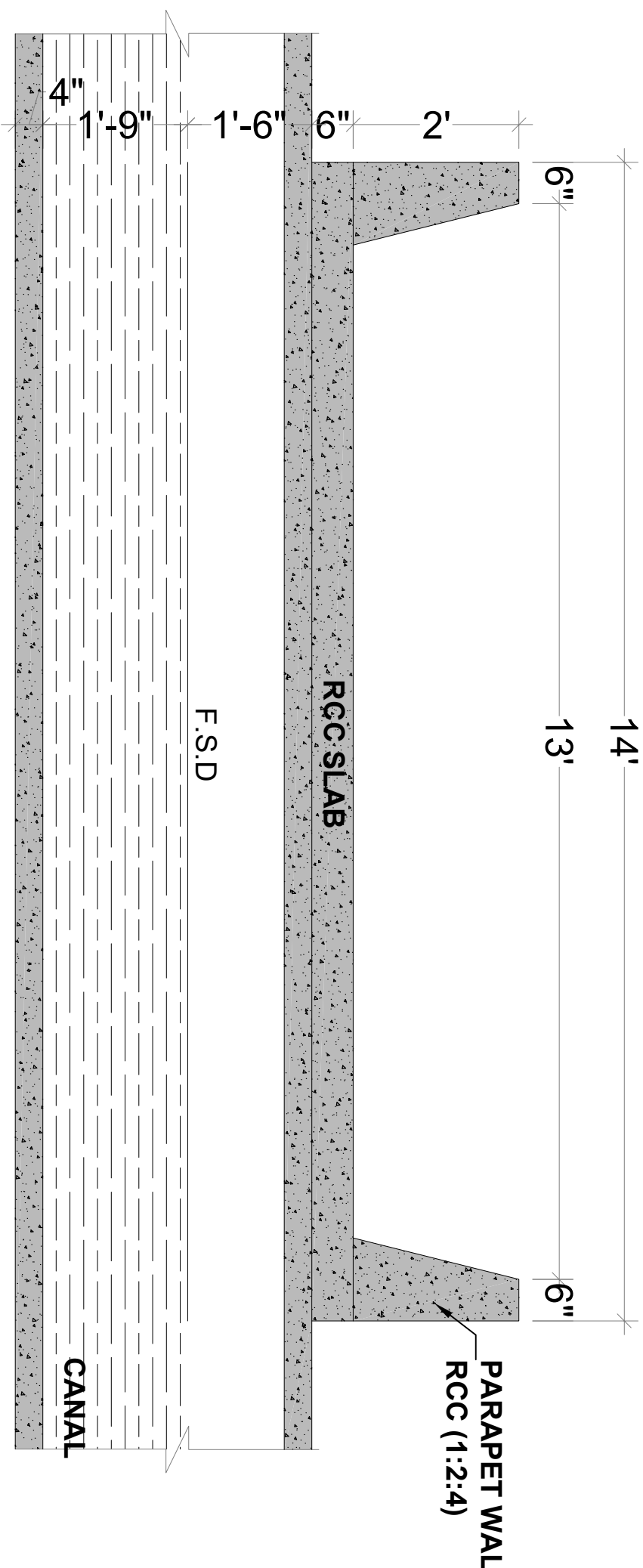
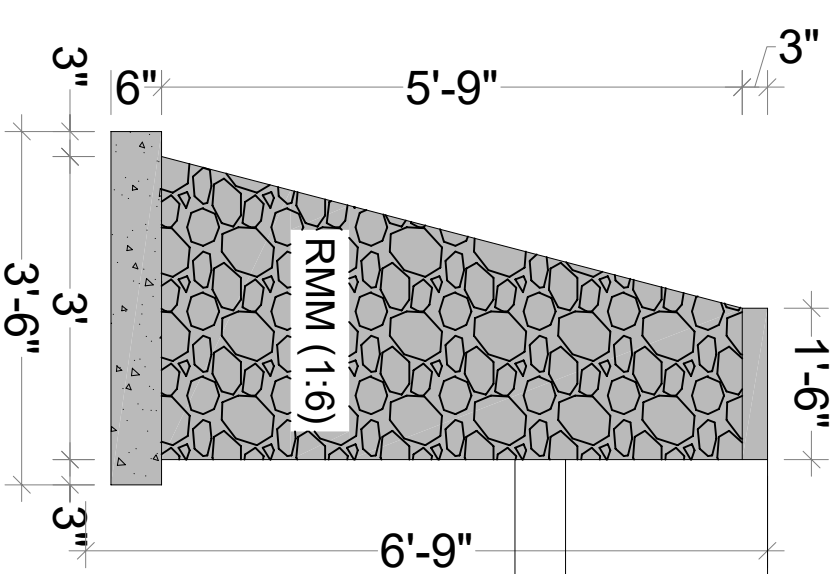
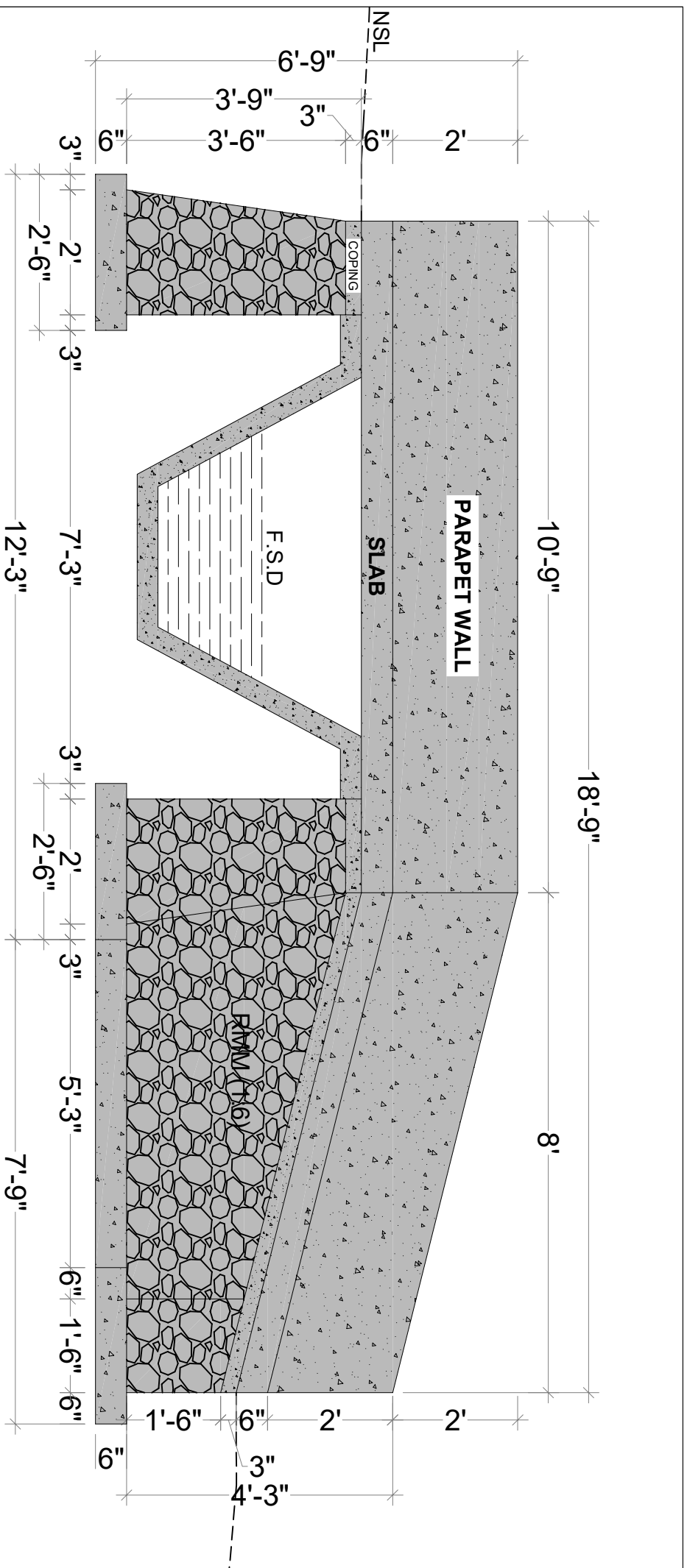
PLAN

RD = 6+200 9+875

DRAWN BY	MUNEEB KHAN
DESIGN BY	DAWOOD KHAN
CHECKED & SUBMITTED BY	SHAKIL AHMAD
SHEET NO.	

MUNEER KHAN	
DAWOOD KHAN	
SHAKIL AHMAD	





SECTION A-A
MAIN CANAL

TOE WALL DETAILS "X"

GOVERNMENT OF KHYBER PAKHTUNKHWA
DIRECTORATE GENERAL SMALL DAMS,
IRRIGATION DEPARTMENT, PESHAWAR



CONSULTING ASSOCIATES
HOUSE #59A, SYED JAMAL UDDIN ROAD, UNIVERSITY TOWN
PESHAWAR, PAKISTAN
PH: +92 91 57017774
EMAIL: Consultingassociates127@gmail.com

TITLE:-

ZAMIR GUL DAM PROJECT
KOHAT

DRAWING TITLE:-

HYDRAULIC STRUCTURES

SUPER PASSAGE

DRAWING:-

TYPICAL SECTION, LONG SECTION
RD = 6+200 9+875

RD = 6+200 9+875

DRAWN BY

MUNEEB KHAN

DESIGN BY

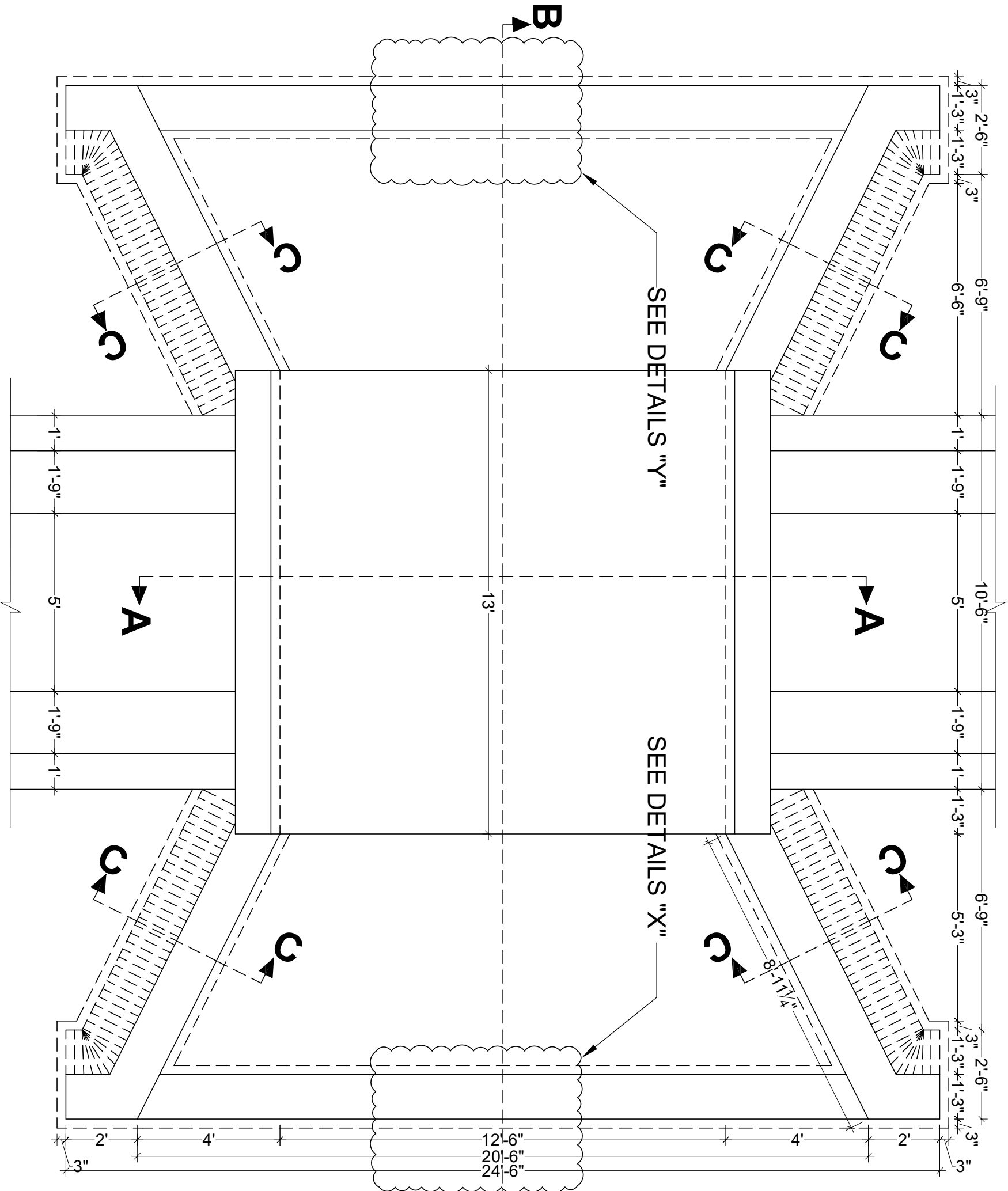
DAWOOD KHAN

CHECKED &
SUBMITTED BY

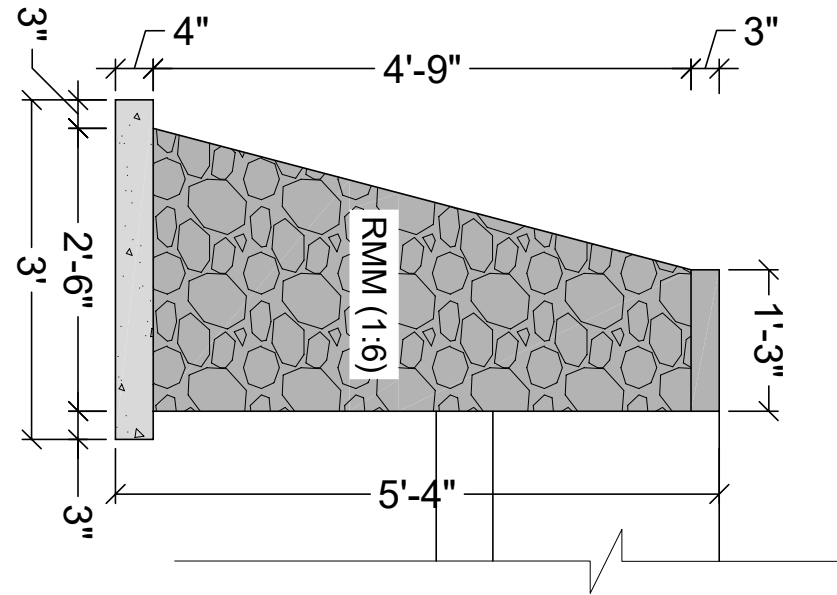
SHAKIL AHMAD

SHEET NO.

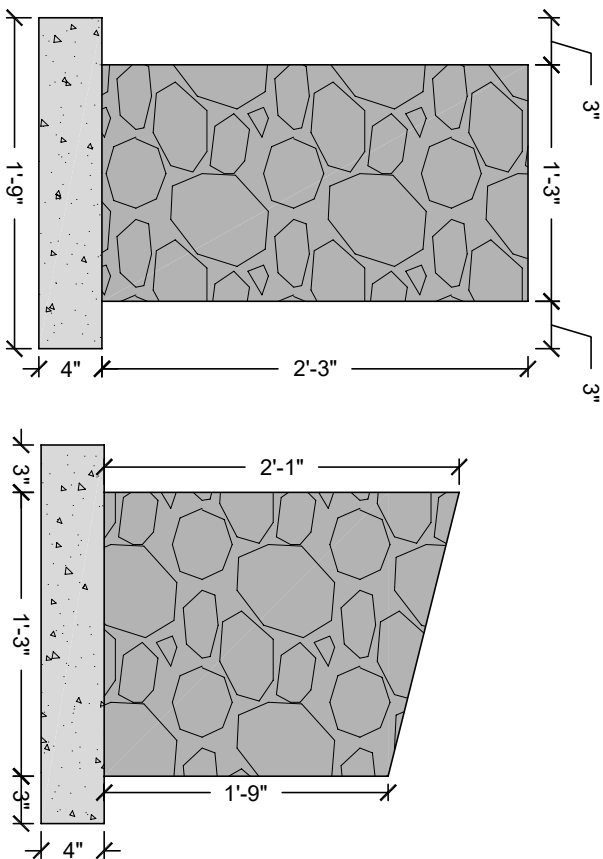
SHEET NO.



PLAN



SECTION C-C
WING WALL



CUTOFF WALL
DETAILS "Y"

CUTOFF WALL
DETAILS "X"

GOVERNMENT OF KHYBER PAKHTUNKHWA DIRECTORATE GENERAL SMALL DAMS, IRRIGATION DEPARTMENT, PESHAWAR		 CONSULTING ASSOCIATES HOUSE #39A, STED JAMAL UDDIN ROAD, UNIVERSITY TOWN PESHAWAR, PAKISTAN PH: +92 91 5701774 EMAIL: Consultingassociates127@gmail.com		TITLE:- ZAMIR GUL DAM PROJECT KOHAT	DRAWING TITLE:- HYDRAULIC STRUCTURES SUPER PASSAGE	DRAWING:- PLAN, WING WALLS SECTION AND CUTOFF WALL SECTIONS	DRAWN BY DESIGN BY CHECKED & SUBMITTED BY SHEET NO.	MUNEEB KHAN DAMOOD KHAN SHAKIL AHMAD	
---	--	---	--	---	---	---	---	--	--

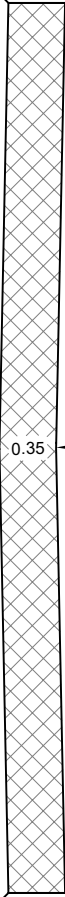
ROAD
PLAN AND PROFILE
FROM RD 0+000 TO 3+520

ROAD WAY
6.00



TYPICAL SECTION IN FILL

ROAD WAY
6.00



TYPICAL SECTION IN CUT

ROAD WAY
6.00



TYPICAL SECTION IN FILL & CUT

CLIENT:



DIRECTORATE GENERAL SMALL DAMS,
IRRIGATION DEPARTMENT, PESHAWAR

CONSULTANTS:



CONSULTING ASSOCIATES
NS TOWER-HAYATABAD COMMERCIAL COMPLEX
NEAR WFP WAREHOUSE, MAIN ACHINI BALA ROAD,PESHAWAR
PH #: 091-5701774-45 Fax - 091-5701775
E-MAIL: consultingassociates127@gmail.com

PROJECT:

ZAMIR GUL DAM
DISTRICT, KOHAT

TITLE:

ROAD ALIGNMENT

SUB TITLE:

TYPICAL SECTION

ZGD-RD- 01

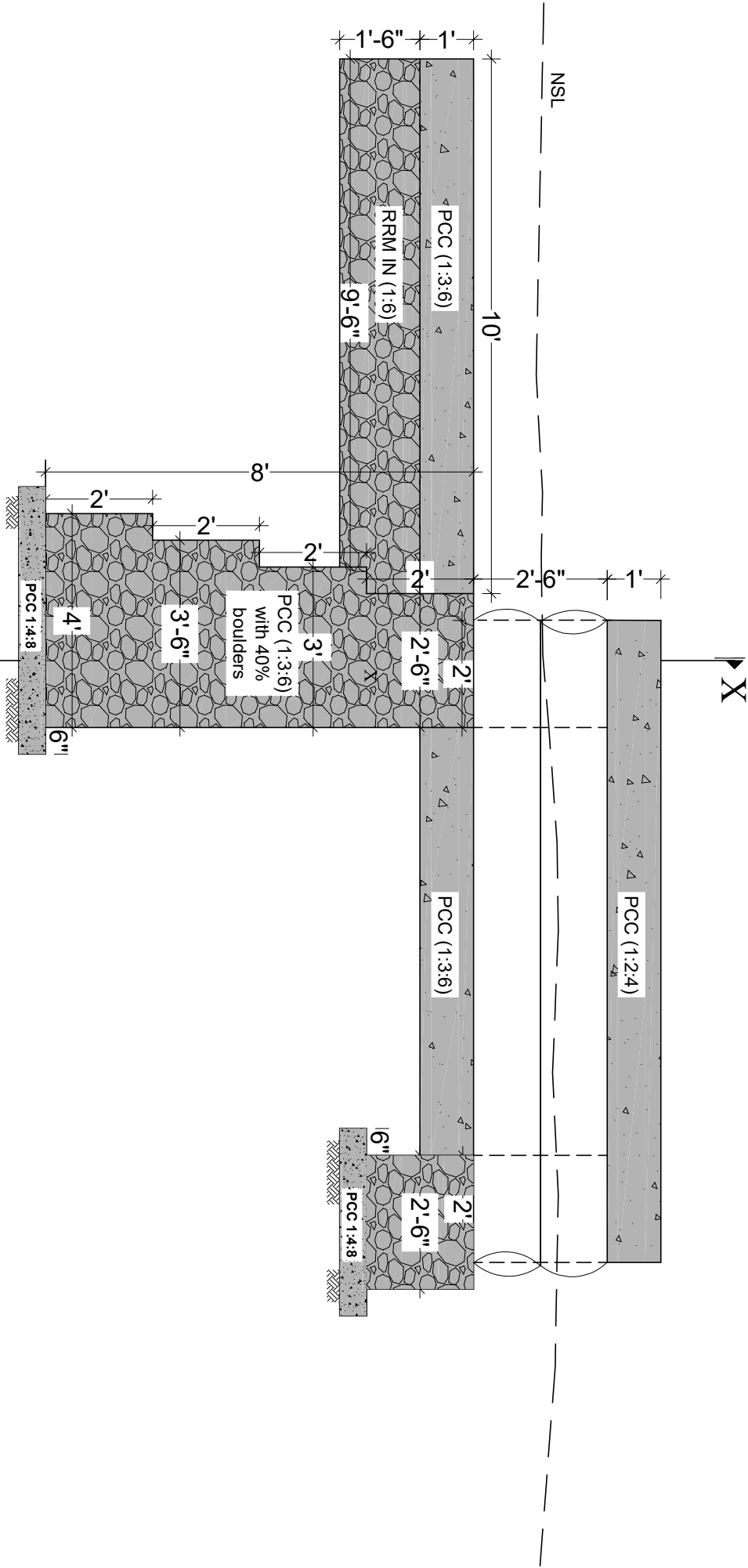
DRAWING NO.

REVISION NO.

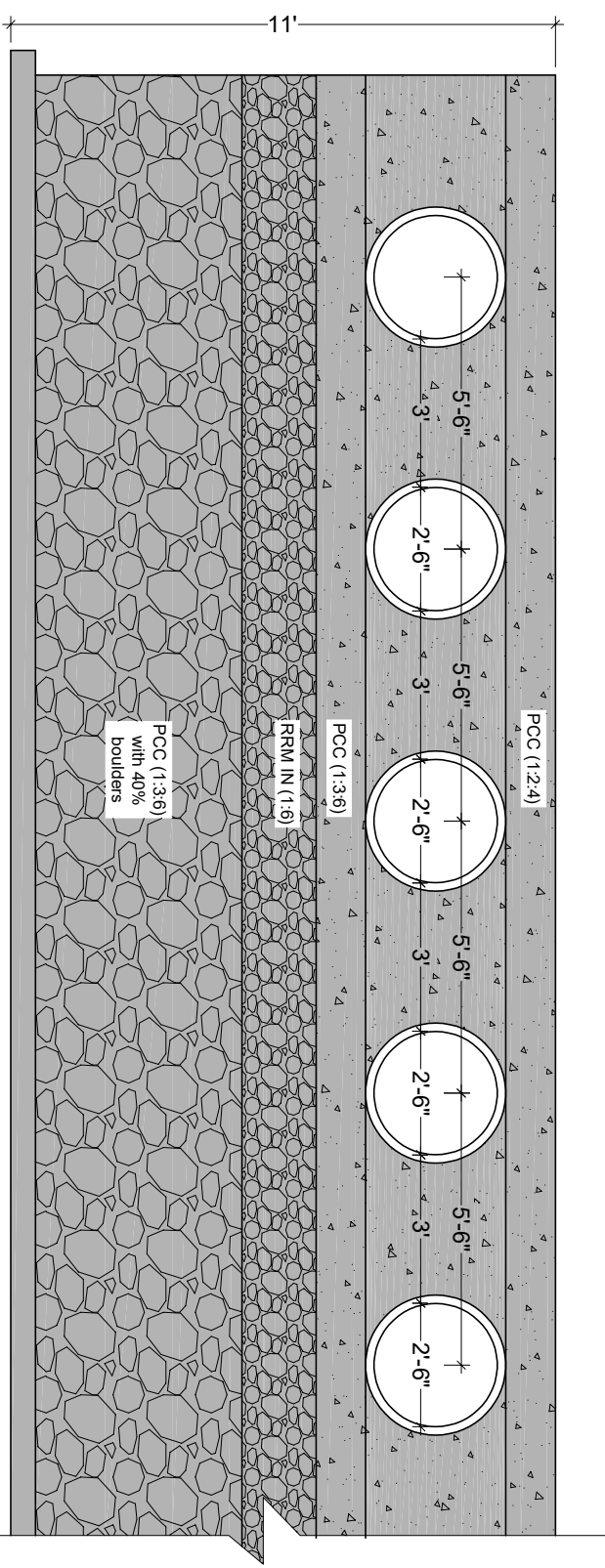
SHEET NO.

DATE:

MAY, 2013

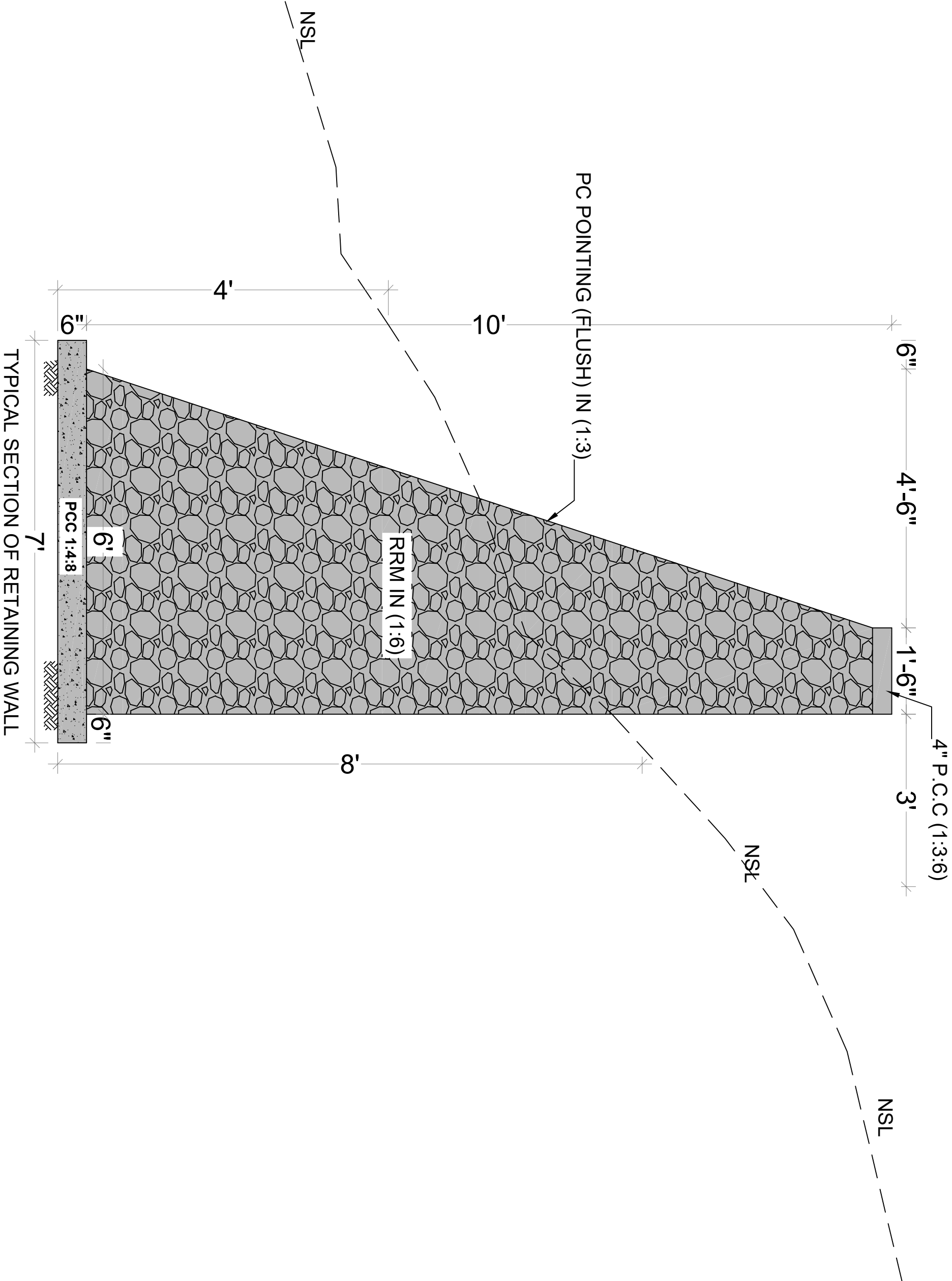


TYPICAL SECTION OF CAUSEWAY



SECTION-X-X OF CAUSEWAY LENGTH= 120 ft (36.57M)

GOVERNMENT OF KHYBER PAKHTUNKHWA DIRECTORATE GENERAL SMALL DAMS, IRRIGATION DEPARTMENT, PESHAWAR		 CONSULTING ASSOCIATES HOUSE #39A, SYED JAMAL UDDIN ROAD, UNIVERSITY TOWN PESHAWAR, PAKISTAN PH: +92 91 5701 774 EMAIL: Consultingassociates127@gmail.com	TITLE:- ZAMIR GUL DAM PROJECT KOHAT	DRAWING TITLE:- ROAD STRUCTURE CAUSEWAY	DRAWING:- PLAN, SECTION A-A, SECTION B-B	<table><tr><td>DRAWN BY</td><td>MUNEEB KHAN</td><td rowspan="3"></td></tr><tr><td>DESIGN BY</td><td>DAWOOD KHAN</td></tr><tr><td>CHECKED & SUBMITTED BY</td><td>SHAKIL AHMAD</td></tr><tr><td>SHEET NO.</td><td></td><td></td></tr></table>	DRAWN BY	MUNEEB KHAN		DESIGN BY	DAWOOD KHAN	CHECKED & SUBMITTED BY	SHAKIL AHMAD	SHEET NO.		
DRAWN BY	MUNEEB KHAN															
DESIGN BY	DAWOOD KHAN															
CHECKED & SUBMITTED BY	SHAKIL AHMAD															
SHEET NO.																



TYPICAL SECTION OF RETAINING WALL

GOVERNMENT OF KHYBER PAKHTUNKHWA

DIRECTORATE GENERAL SMALL DAMS,

IRRIGATION DEPARTMENT, PESHAWAR



CONSULTING ASSOCIATES
HOUSE #39A, STEED JAMAL UDDIN ROAD, UNIVERSITY TOWN
PESHAWAR, PAKISTAN
PH: +92 91 5701774
EMAIL: Consultingassociates127@gmail.com

TITLE:-

ZAMIR GUL DAM PROJECT
KOHAT

DRAWING TITLE:-

ROAD STRUCTURE

DRAWING:-

TYPICAL SECTION

DRAWN BY

DESIGN BY

CHECKED &
SUBMITTED BY

SHEET NO.

MUNEEB KHAN

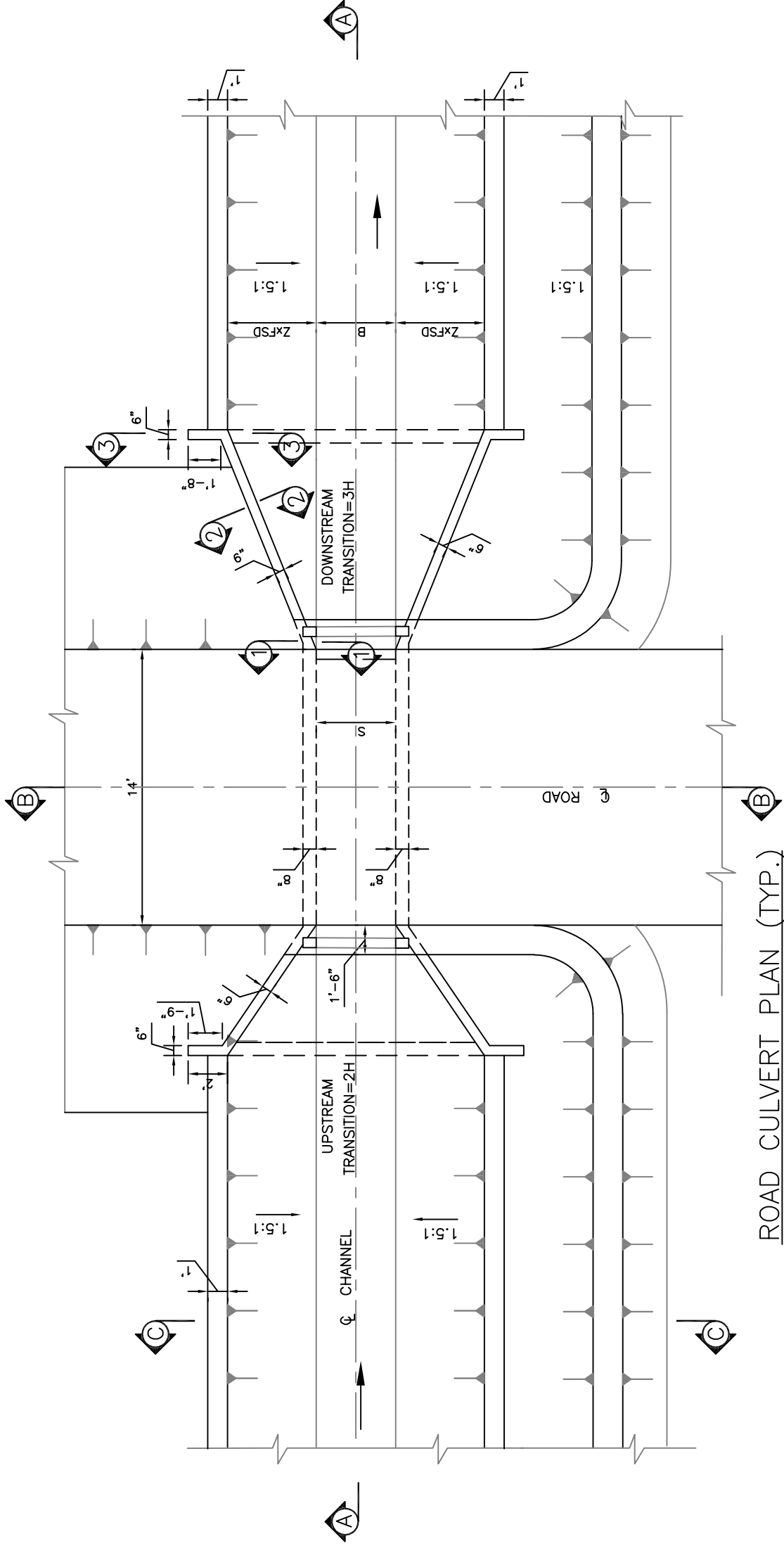
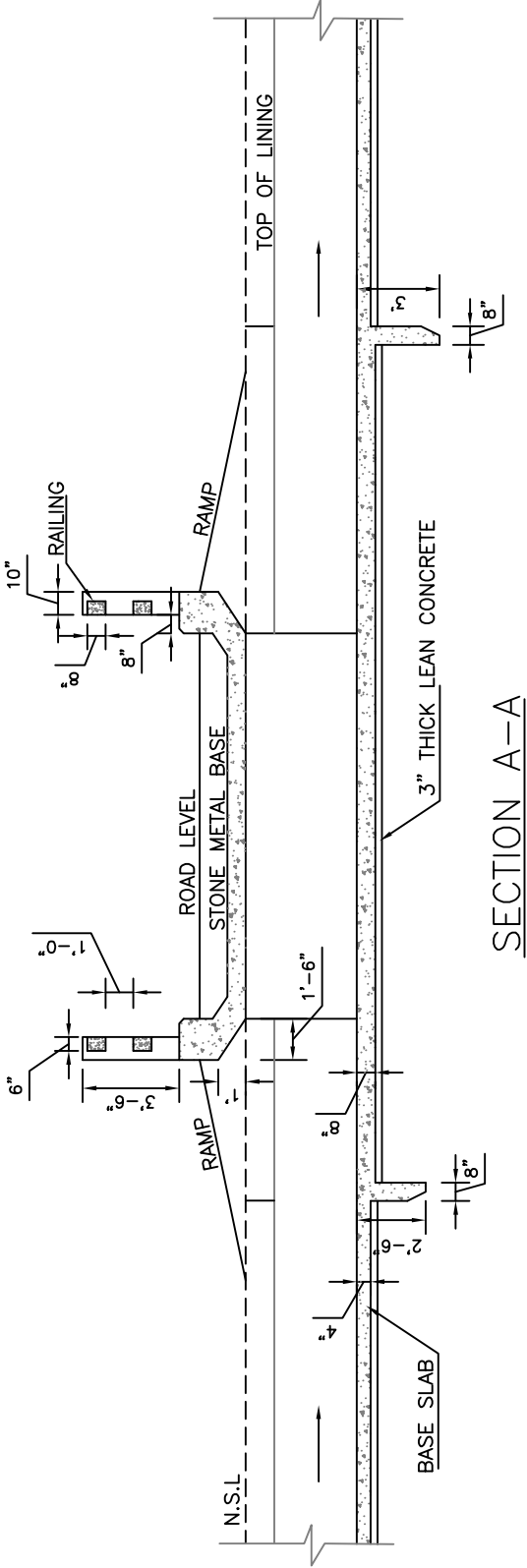
DAWOOD KHAN

SHAKIL AHMAD



SHEET NO. 2 OF 3

NOTES 1. ALL DIMENSIONS AND LEVELS ARE IN FEET





GOVERNMENT OF KHYBER PAKHTUNKHWA
DIRECTORATE GENERAL SMALL DAMS
IRRIGATION DEPARTMENT, PESHAWAR



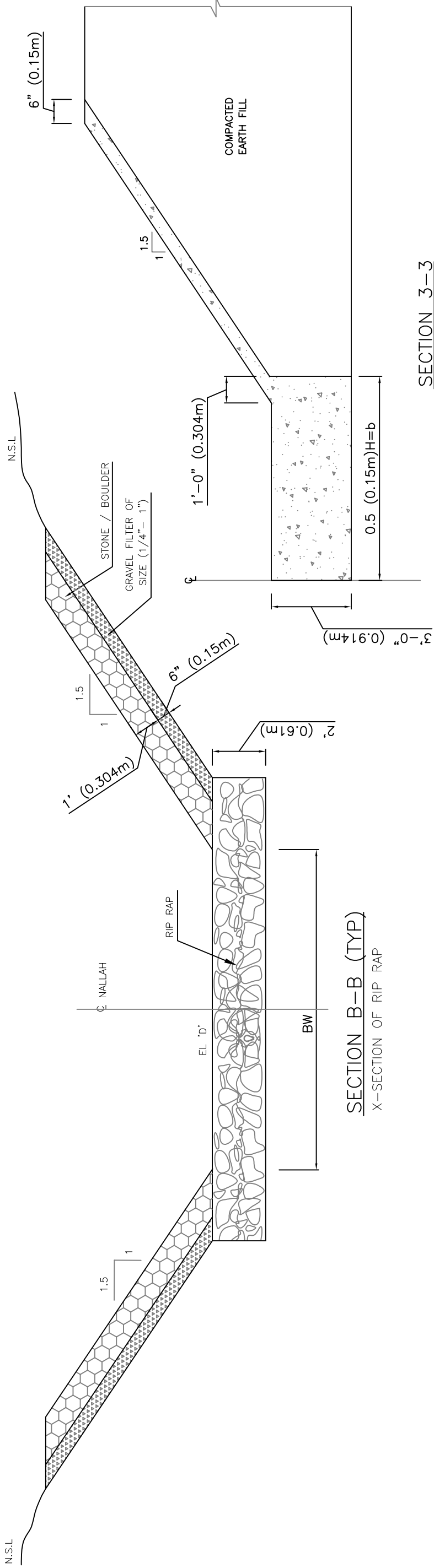
CONSULTING ASSOCIATES
NS TOWER HAYATABAD COMMERCIAL COMPLEX
NEAR WFP WAREHOUSE - MAIN ACHINI BALA ROAD PESHAWAR
PH #: 091-5701774-45 Fax - 091-5701775
E-MAIL: consultingassociates127@gmail.com

PROJECT:
**ZAMIR GUL DAM
KOHAT**

TITLE:
ROAD CULVERT
SUB TITLE:
PLAN & SECTION ELEVATION

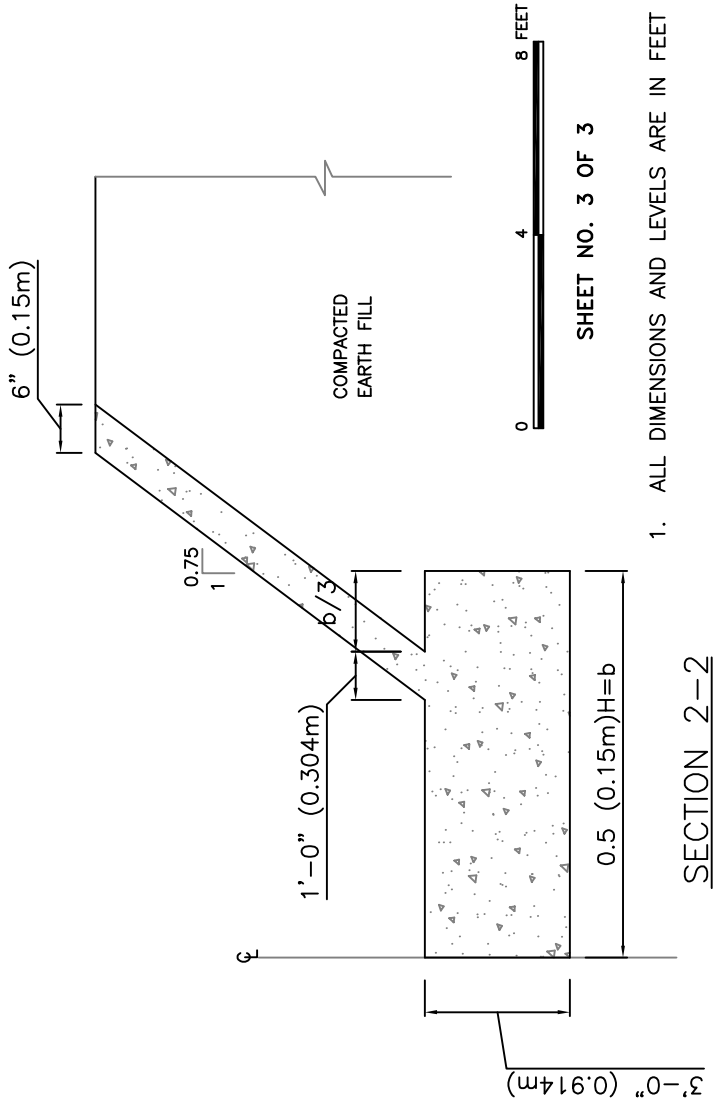
DRAWN BY	NAWAB ZADA
REVISED BY	MUNEEB KHAN
DESIGN BY	SALAH UD DIN
CHECKED &	FARID KHAN
SUBMITTED BY	

DRAWING NO.	ZGD-RD-CT-01
REVISION NO.	03
SHEET NO.	
DATE:	MAY, 2013

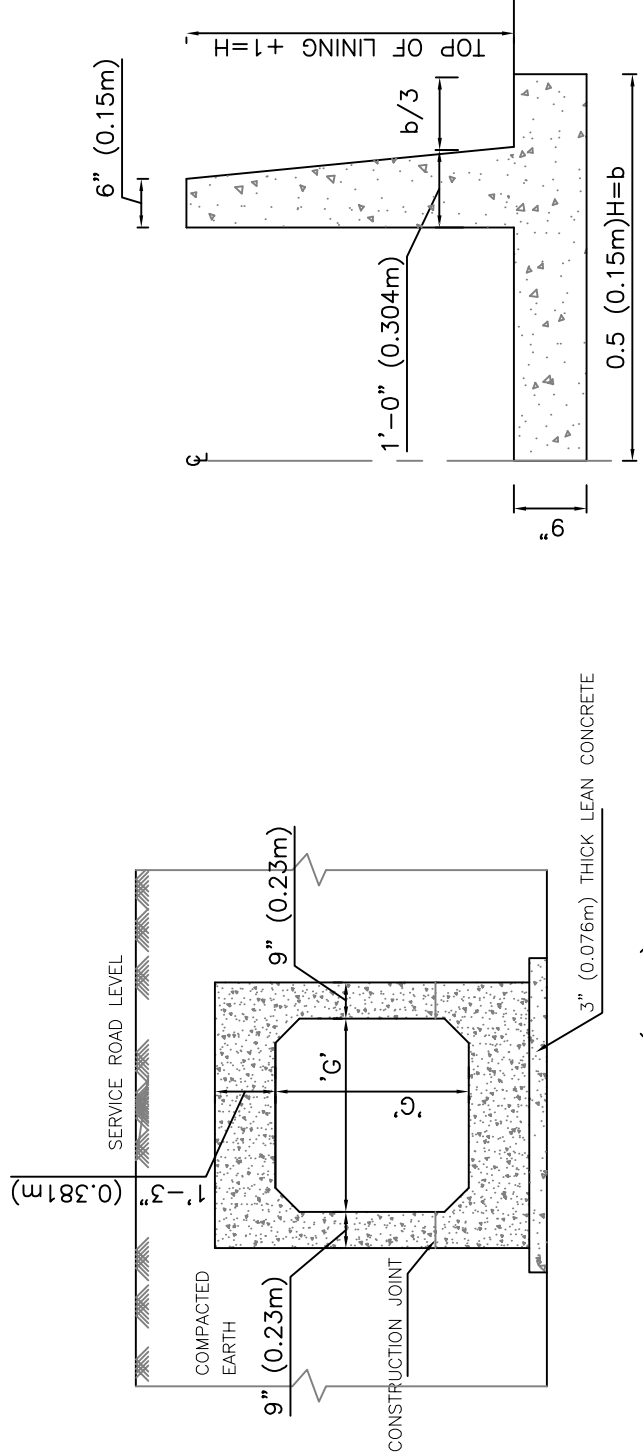


SECTION B-B (TYP)
X-SECTION OF RIP RAP

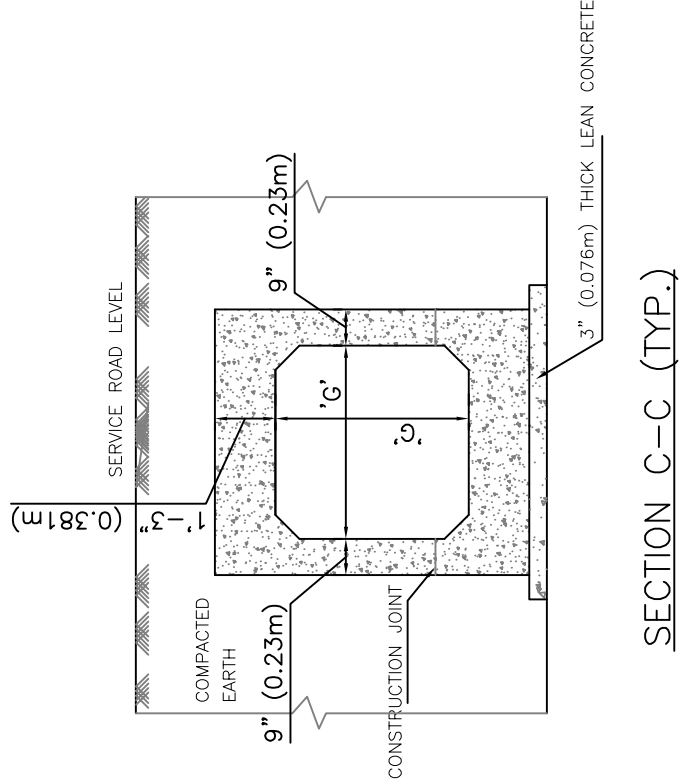
SECTION 3-3



SECTION 2-2



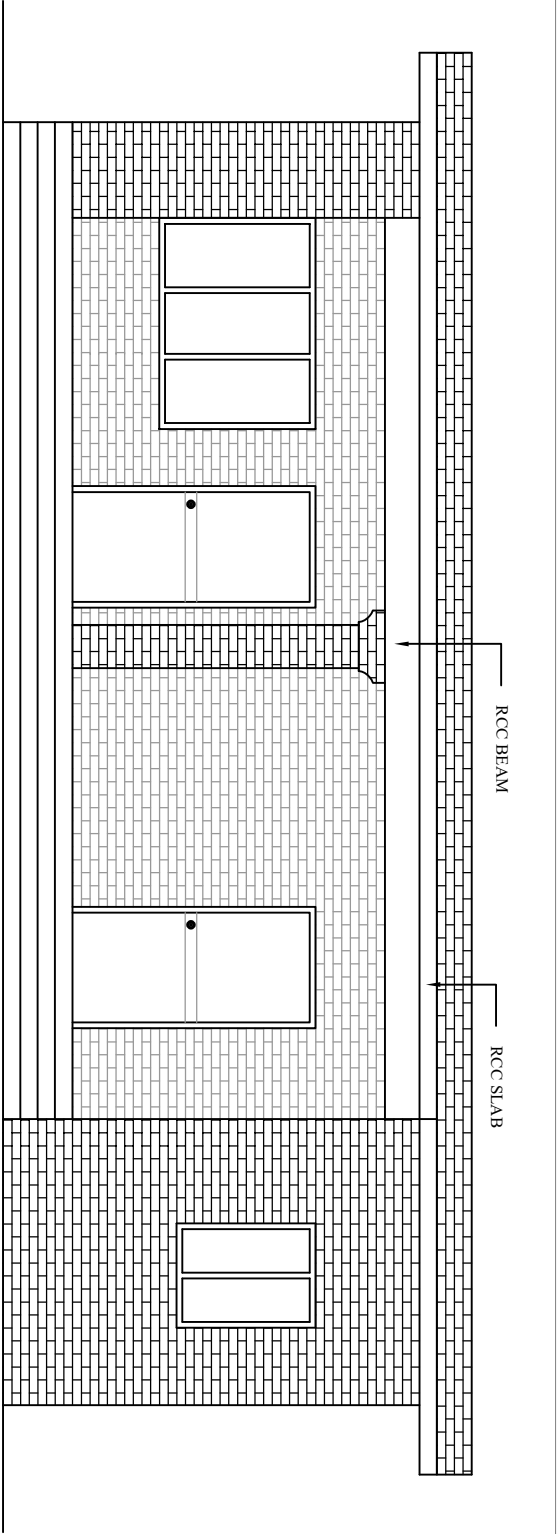
SECTION 1-1



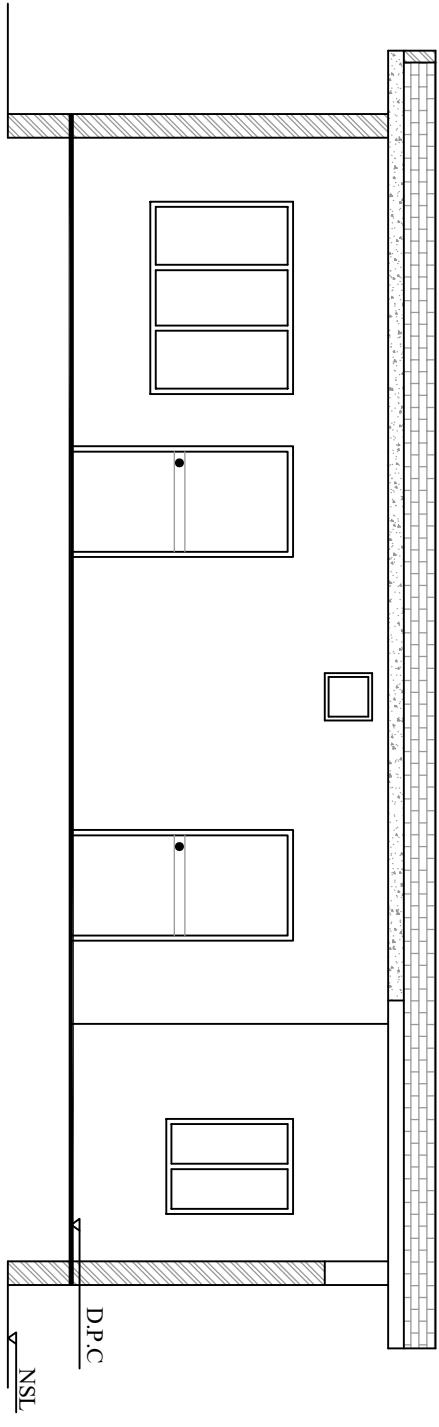
SECTION C-C (TYP.)

CLIENT:  GOVERNMENT OF KHYBER PAKHTUNKHWA DIRECTORATE GENERAL SMALL DAMS, IRRIGATION DEPARTMENT, PESHAWAR	CONSULTANTS:  CONSULTING ASSOCIATES NS TOWER HAYATABAD COMMERCIAL COMPLEX NEAR WFP WAREHOUSE, MAIN ACHINI BALA ROAD, PESHAWAR PH # : 091-5701774-45 Fax - 091-5701775 E-MAIL: consultingassociates127@gmail.com	PROJECT: ZAMIR GUL DAM KOHAT					TITLE:		ROAD CULVERT		DRAWN BY NAWAB ZADA	DRAWING NO.	ZGD-RD-CT-03		
							SUB TITLE:		CROSS SECTION			DESIGN BY SALAH UD DIN	REVISION NO.	03	DATE:
												CHECKED & FARID KHAN			
												SUBMITTED BY	SHEET NO.		MAY, 2013

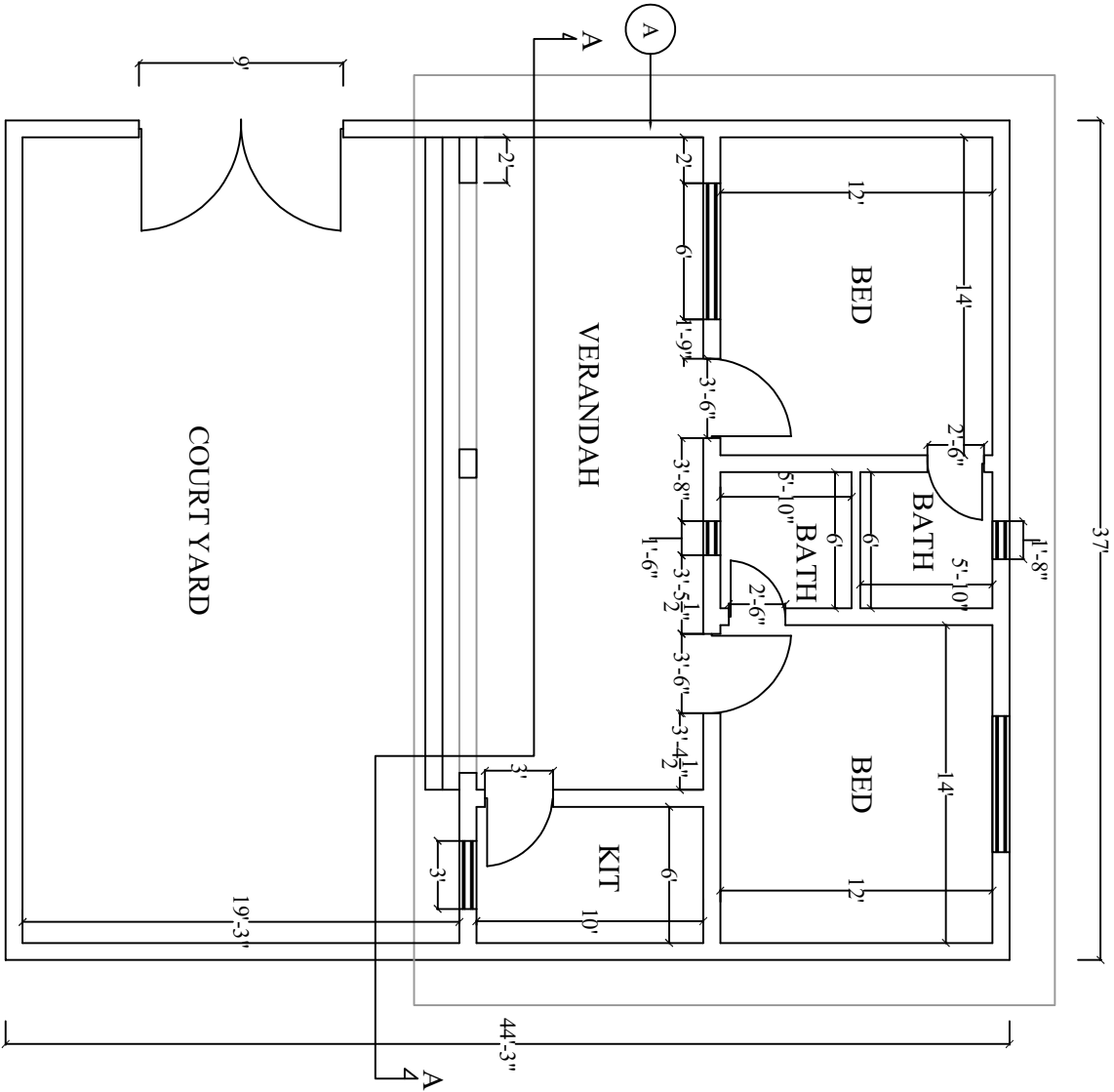
INSPECTION HUT



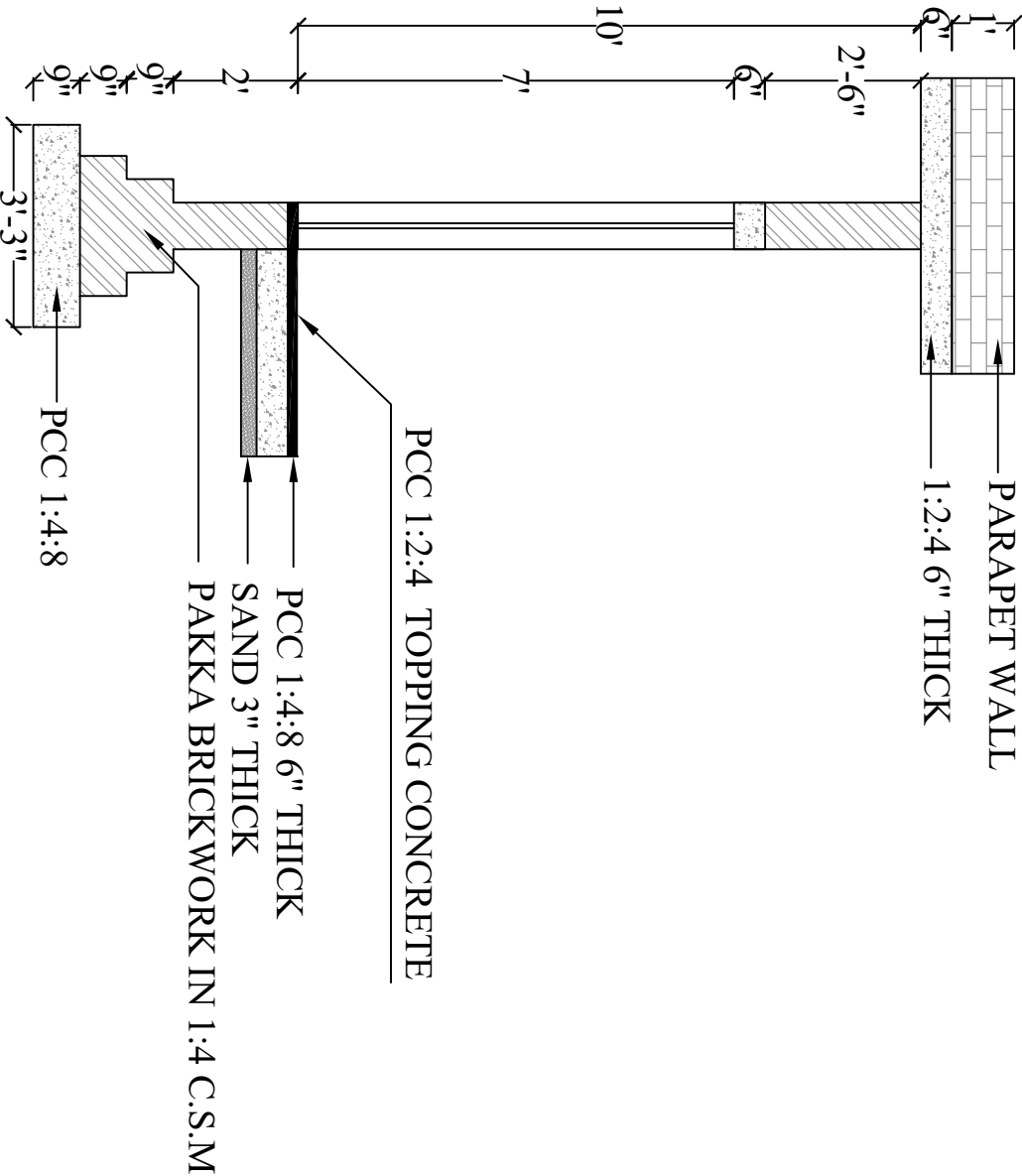
FRONT ELEVATION



SECTION AT A-A



GROUND FLOOR PLAN



DETAIL OF "A"

CLIENT:		CONSULTANTS:		PROJECT:		TITLE:	
 GOVERNMENT OF KHYBER PAKHTUNKHWA DIRECTORATE GENERAL SMALL DAMS, IRRIGATION DEPARTMENT, PESHAWAR		 CONSULTING ASSOCIATES NS TOWER HAYATABAD COMMERCIAL COMPLEX NEAR WFP WAREHOUSE, MAIN ACHINI BALA ROAD, PESHAWAR PH #: 091-5701774-45 Fax : 091-5701775 E-MAIL : consultingassociates127@gmail.com		ZAMIR GUL DAM DISTRICT, KOHAT		INSPECTION HUT	
				SUB TITLE:		DRAWN BY	
				PLAN ,FRONT ELEVATION & SECTION A-A		REVISIED BY	
						MUNEEB KHAN	
						DESIGN BY	
						SALAH UD DIN	
						CHECKED &	
						FARID KHAN	
						DRAWING NO.	
						ZGD-HUT-01	
						REVISION NO.	
						03	
						DATE:	
						MAY, 2013	