

OK

Date: 2019

3

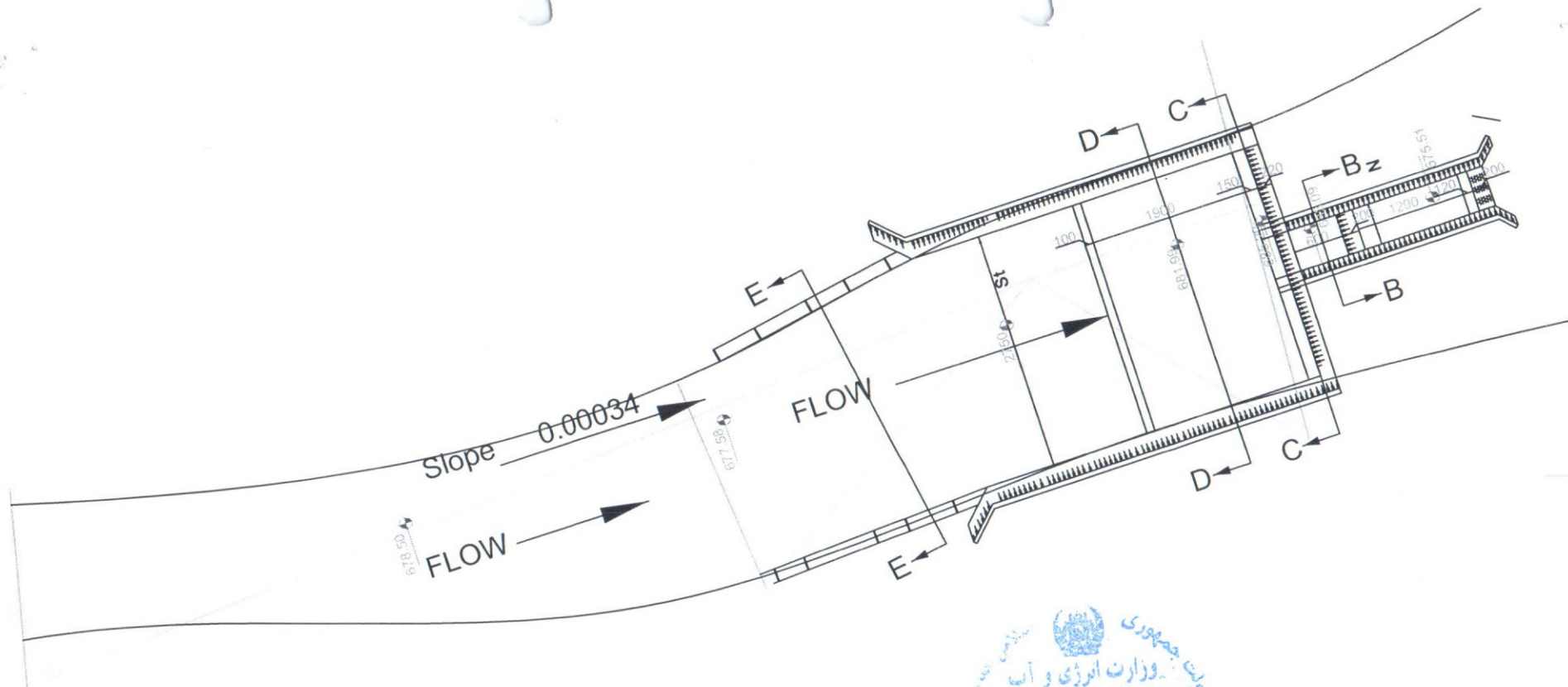
Sub Project Name:

Tash gozar Check Dam

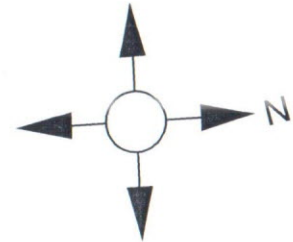
Tash gozar Village

Saripul Sub River Basin





Site Plane



JOB	NAME	POSITION	SIGNED
DRAWING BY	Sayed Wahid Ahmad	MANAGER OF PLANS & ENGINEERING SERVICES	
SURVEY BY			
DESIGNED BY			
CHECKED BY	ENG. NAJIBULLAH "HAYAT"	HEAD OF PLANS & ENGINEERING SERVICES	
APPROVED BY	ENG. SAYEED ROHULLAH "SHAHAB"	DIRECTOR OF SARI PUL SUB RIVER BASIN	

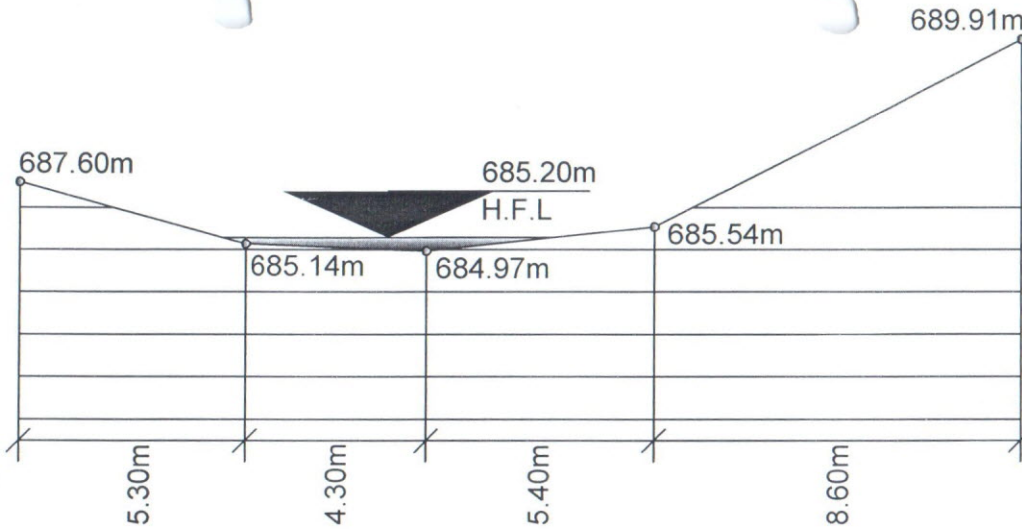
All dimension is in Centimeter

SARI PUL SUB RIVER BASIN

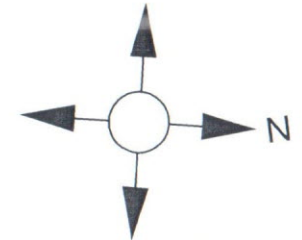
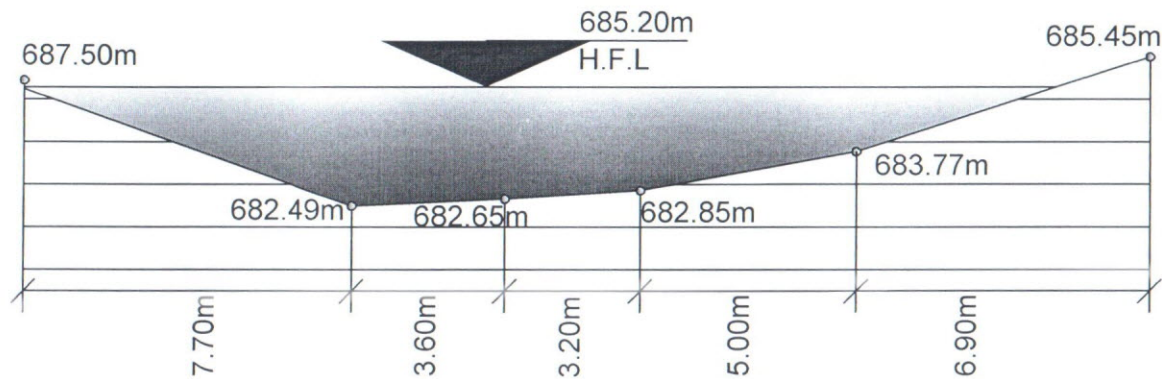
PROJECT NAME:	TASHGUZAR CHECKDAM
TYPE OF PROJECT:	MASS CONCRETE RETAINING WALL
LOCATION:	TASHGUZAR VILLAGE CENTER OF SARI PUL PROVINCE
NUMBER OF PAGES:	01

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MINISTRY OF ENERGY AND WATER
NORTHERN RIVER BASIN
SARIPUL SUB BASIN

Cs1



Cs2



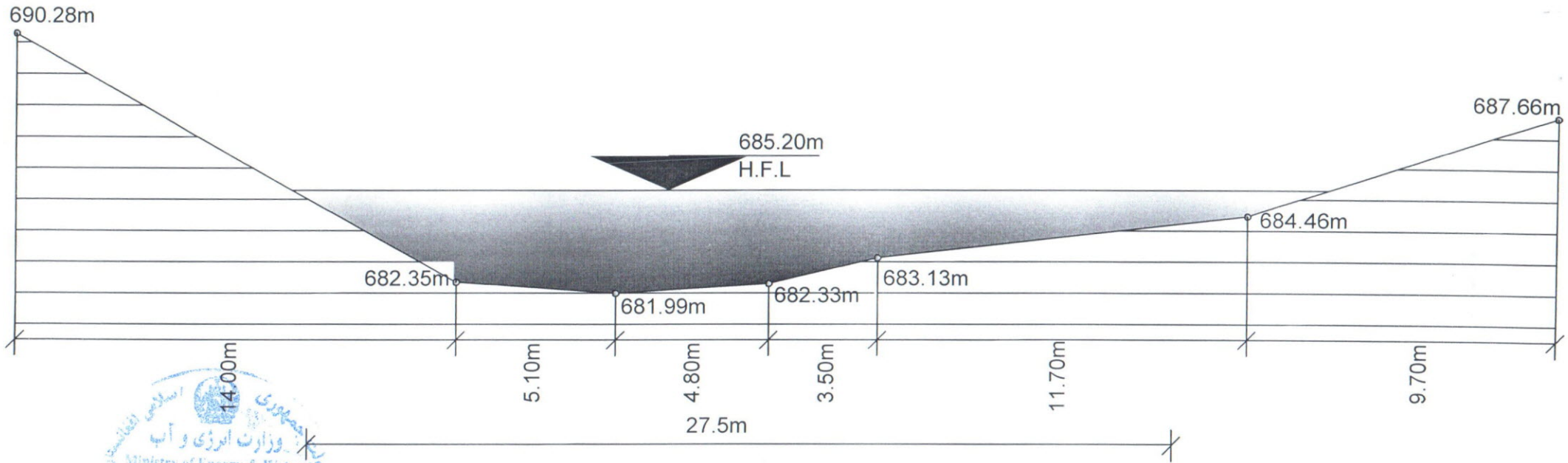
JOB	NAME	POSITION	SIGNED
DRAWING BY	Sayed Wahid Ahmad	MANAGER OF PLANS & ENGINEERING SERVICES	
SURVEY BY			
DESIGNED BY			
CHECKED BY	ENG. NAJIBULLAH "HAYAT"	HEAD OF PLANS & ENGINEERING SERVICES	
APPROVED BY	ENG. SAYEED ROHULLAH "SHAHAB"	DIRECTOR OF SARI PUL SUB RIVER BASIN	

All dimension is in Centimeter

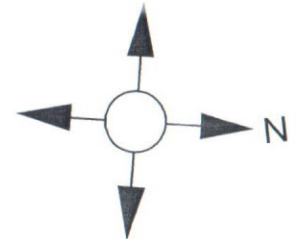
SARI PUL SUB RIVER BASIN

PROJECT NAME:	TASHUZAR CHECKDAM
TYPE OF PROJECT:	MASS CONCRETE RETAINING WALL
LOCATION:	TASHUZAR VILLAGE CENTER OF SARI PUL PROVINCE
NUMBER OF PAGES:	02

ISLAMIC REPUBLIC OF AFGHANISTAN
MINISTRY OF ENERGY AND WATER
NORTHERN RIVER BASIN
SARIPUL SUB BASIN



Cs3



JOBS	NAME	POSITION	SIGNED
DRAWING BY	Sayed Wahid Ahmad	MANAGER OF PLANS & ENGINEERING SERVICES	<i>[Signature]</i>
DESIGNED BY			
CHECKED BY	ENG. NAJIBULLAH "HAYAT"	HEAD OF PLANS & ENGINEERING SERVICES	<i>[Signature]</i>
PROVED BY	ENG. SAYEED ROHULLAH "SHAHAB"	DIRECTOR OF SARI PUL SUB RIVER BASIN	<i>[Signature]</i>

All dimension is in Centimeter

SARI PUL SUB RIVER BASIN

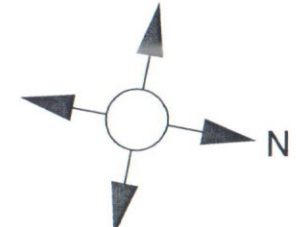
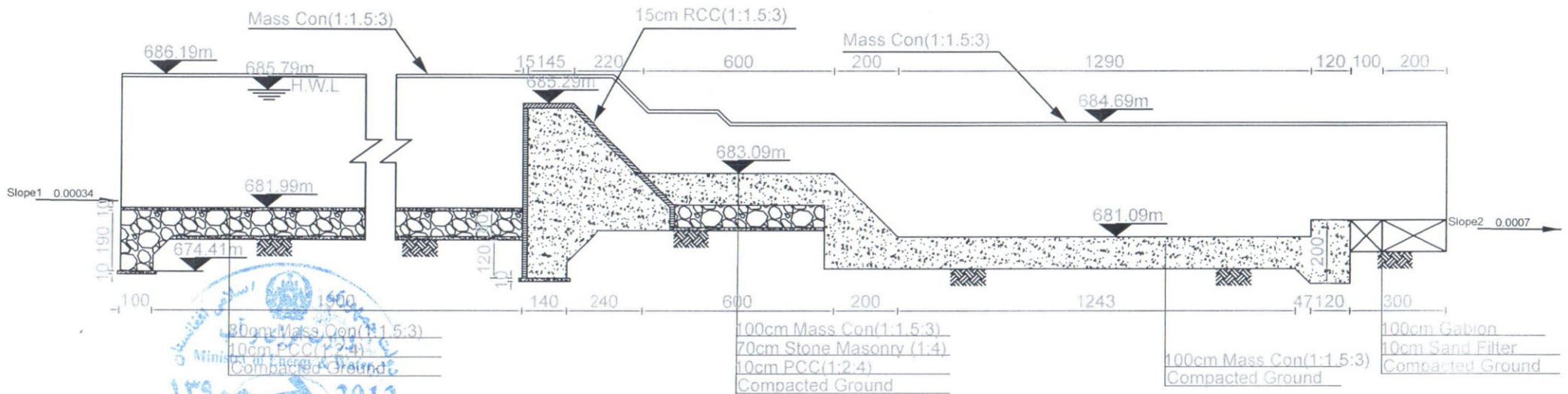
PROJECT NAME:	TASHUZAR CHECKDAM
TYPE OF PROJECT:	MASS CONCRETE RETAINING WALL
LOCATION:	TASHUZAR VILLAGE CENTER OF SARI PUL PROVINCE
NUMBER OF PAGES:	03



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 MINISTRY OF ENERGY AND WATER
 NORTHERN RIVER BASIN
 SARI PUL SUB BASIN



Sec A-A



JOB	NAME	POSITION	SIGNED
DRAWING BY	Sayed Wahid Ahmad	MANAGER OF PLANS & ENGINEERING SERVICES	
SURVEY BY			
DESIGNED BY			
CHECKED BY	ENG. NAJIBULLAH "HAYAT"	HEAD OF PLANS & ENGINEERING SERVICES	
APPROVED BY	ENG. SAYEED ROHULLAH "SHAHAB"	DIRECTOR OF SARI PUL SUB RIVER BASIN	

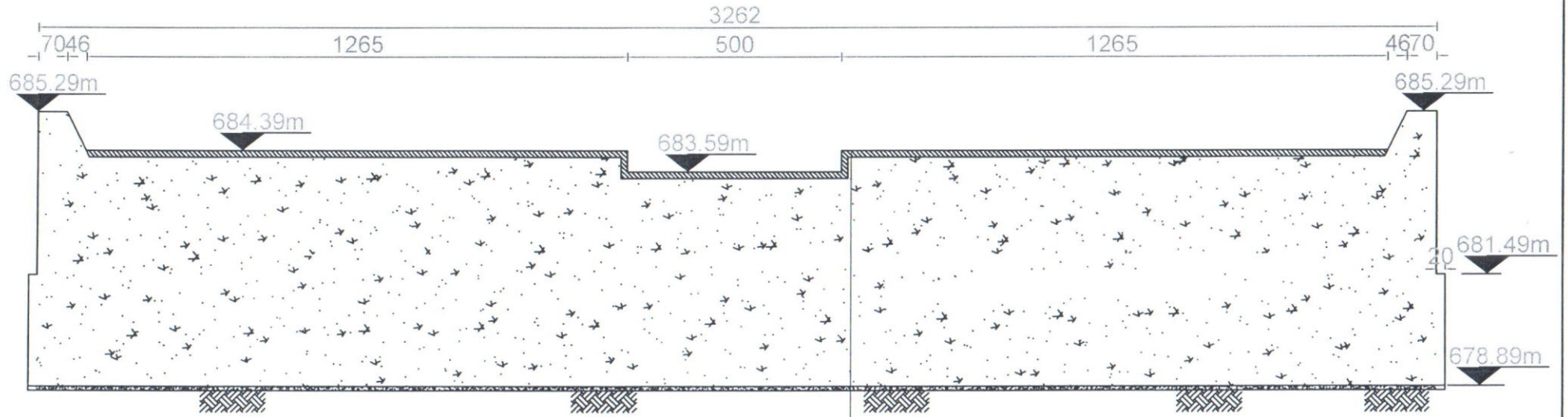
All dimension is in Centimeter	
SARI PUL SUB RIVER BASIN	
PROJECT NAME:	TASHGUZAR CHECKDAM
TYPE OF PROJECT:	MASS CONCRETE RETAINING WALL
LOCATION:	TASHGUZAR VILLAGE CENTER OF SARI PUL PROVINCE
NUMBER OF PAGES:	04



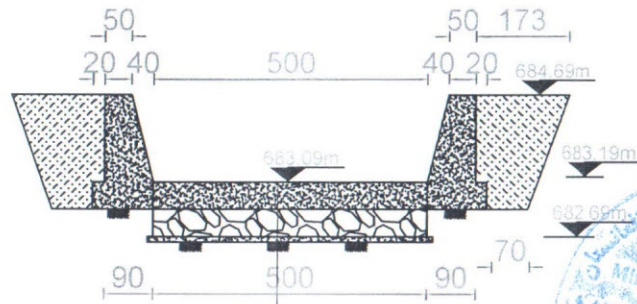
ISLAMIC REPUBLIC OF AFGHANISTAN
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NORTHERN RIVER BASIN
SARI PUL SUB BASIN



Sec C-C

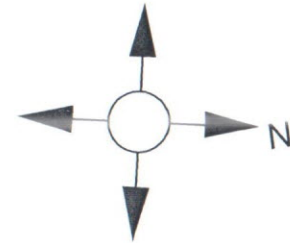


15cm R.C.C (1:1.5:3)
 Mass Con(1:1.5:3)
 10cm P.C.C (1:2:4)
 Compacted Ground



Sec B-B

50cm Mass Con(1:1.5:3)
 50cm Stone masonry
 10cm P.C.C (1:2:4)
 Compacted Ground



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SURVEY BY	Sayed Wahid Ahmad	MANAGER OF PLANS & ENGINEERING SERVICES	
DESIGNED BY			
CHECKED BY	ENG. NAJIBULLAH "HAYAT"	HEAD OF PLANS & ENGINEERING SERVICES	
APPROVED BY	ENG. SAYEED ROHULLAH "SHAHAB"	DIRECTOR OF SARI PUL SUB RIVER BASIN	

All dimension is in Centimeter

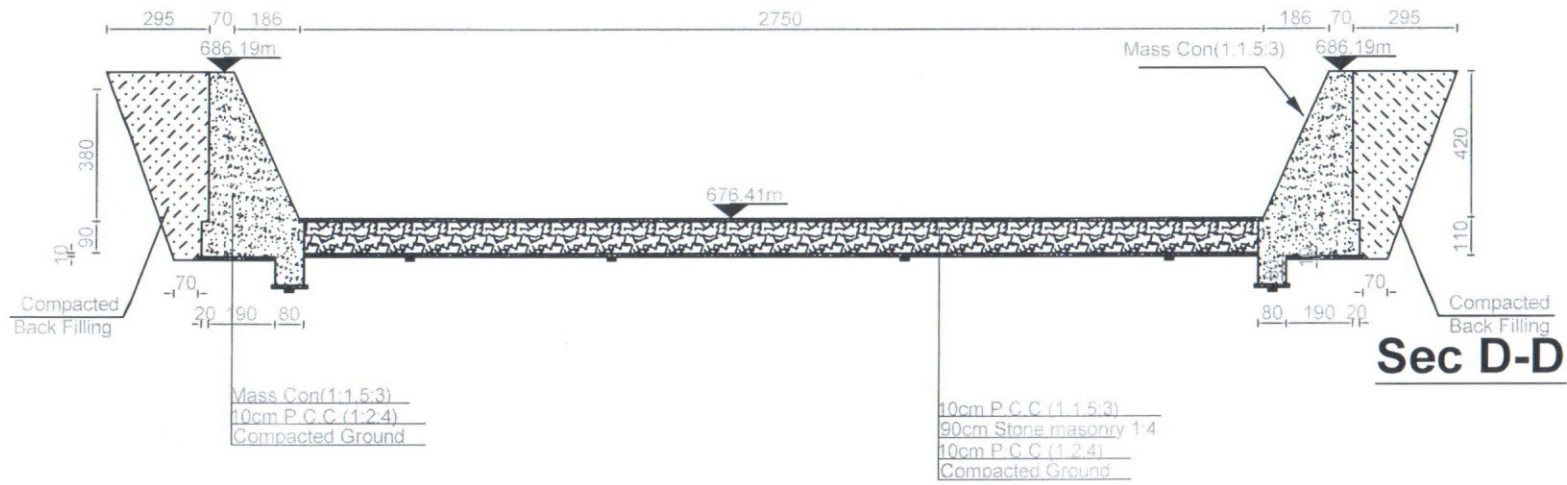
SARI PUL SUB RIVER BASIN

PROJECT NAME:	TASHGUZAR CHECKDAM
TYPE OF PROJECT:	MASS CONCRETE RETAINING WALL
LOCATION:	TASHGUZAR VILLAGE CENTER OF SARI PUL PROVINCE
NUMBER OF PAGES:	05

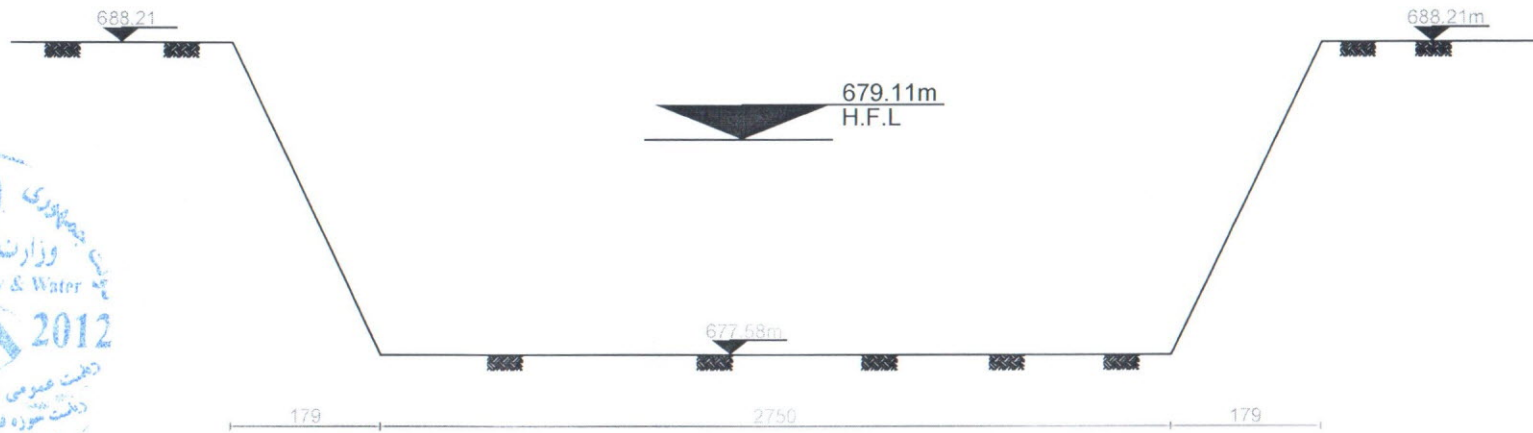


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 NORTHERN RIVER BASIN
 SARI PUL SUB BASIN

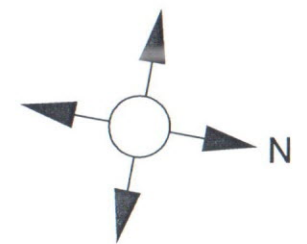




Sec D-D



Sec E-E



JOB	NAME	POSITION	SIGNED
DRAWING BY			
SURVEY BY	Sayed Wahid Ahmad	MANAGER OF PLANS & ENGINEERING SERVICES	
DESIGNED BY			
CHECKED BY	ENG. NAJIBULLAH "HAYAT"	HEAD OF PLANS & ENGINEERING SERVICES	
APPROVED BY	ENG. SAYEED ROHULLAH "SHAHAB"	DIRECTOR OF SARI PUL SUB RIVER BASIN	

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 SARI PUL SUB RIVER BASIN
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 TYPE OF PROJECT: MASS CONCRETE RETAINING WALL
 LOCATION: TASHGUZARVILLAGE CENTER OF SARI PUL PROVINCE
 NUMBER OF PAGES: 06

The essential equipment to be made available for the Contract of **Tashguzar Check Dam** by the successful Bidder shall be:

S/N	Type of Equipment's	Required Number
1	GCB (Small Excavator)	1
2	Jack Hammer Excavator For Hard Excavation (Rock)	0
3	Double Drum Vibratory Rollers Compactor	1
4	Water Tanker (about 15,000 liter capacity)	2
5	Tractor with Blade	0
6	Dump Truck (about 10 Cub capacity)	5
7	Reversible Plate Compactors	2
8	Vibrator	2
9	Concrete Mixer	3
10	Generator 10Kw	2
11	Water Pump with 1000 m pipe (Capacity 20 Lps)	2
12	Total station	1
13	Auto Level Machine	1
14	Measuring Tape	3

Bidders are allowed to propose different equipment with sufficient information to establish that their capacity is equivalent or more than the above.

Note: Costly equipment's (e.g. 1, 4 and 5) may be deployed on "As and When required" basis.

Qualifications and experience of key personnel proposed for administration and execution of the Contract. [Attach biographical data. شایستگی و تجارب پرسونل کلیدی پیشنهاد شده قراردادی برای اداره و انجام کارها.]

Position موقف	Qty	Years of experience (general)* سال های تجارب (بشکل عموم)	Years of experience in proposed position* سالهای تجربه کاری برای رشته پیشنهاد شده
(a) Project/Contract Manager (One)	1	5	3
(b) Irrigation cum Survey Engineer (One)	1	5	3
(c) Site Engineer cum Safety supervisor (1) - one per site	1	5	3
(d) Safety Engineer	1	4	3
(e) Geo Technical Engineer	1	4	4
(f) Q/C Engineer	1	5	3

Please attach CV and university Certificate of the above persons



SUMMARY BOQ OF Tash Guzar Check Dam (Check Dam Template Structure)

No	Item bill of quantity	Quantity	Unite	Unit Rate (Af)	Total Cost (Af)
1	Site Stripping, Cleaning and Grubbing : 15cm thick site stripping / clearance to layout the work before actual excavation which includes clearing of all herbs and shrubs, boulders as per the dimension of the structure	1	LS		
2	Ordinary Soil Excavation: Excavation in ordinary soil (in canal /river bed etc.) and disposal of surplus material up to a maximum distance of 500m or as directed by site engineer.	3850	M ³		
3	Air-Entrained Mass concrete(M200): Supplying , Placing adding boulders , compacting and curing Air- entrained Mass concrete with 4.5 % to 7% of aired Vellums by adding approved admixtures, including formworks as per relevant drawing, specification and to the complete satisfaction of the site engineer.(%age of boulders in the mass concrete should not be more than 40% of total volume, also the size of the boulders should not be neither more than 1/5 th the literal dimension of the structure element , nor 20 cm , whichever is less).	1636	M ³		
4	Plaint Cement concrete(pcc) (M200): Supplying , Placing , compacting and curing Air-entrained PCC M-20 with 4.5 % to 7% of aired Vellums by adding approved admixtures, as per relevant drawing, specification and to the complete satisfaction of the site engineer	140	M ³		
5	Joint preparation at each 15m: Construction of expansion joint at every 15 m with 20 cm wide PVC water stop and cork filing including all materials and labors all as per relevant drawing, specification and complete satisfaction of site engineer.	40	M		
6	Air-Entrained Reinforced Cement concrete (M250): Supplying , Placing , compacting and curing Air-entrained RCC M-25 with 4.5 % to 7% of aired Vellums by adding approved admixtures including Steel Reinforcement framework , as per relevant drawing, specification and to the complete satisfaction of the site engineer.	51	M ³		
7	Compacted back filing: All backfilling materials shall be will graded granular materials from selected materials of excavation or approved source of borrow pits including compaction to 95% modified proctor in layers of not more than 15 cm thickness in	1600	M ³		



SUMMARY BOQ OF Tash Guzar Check Dam (Check Dam Template Structure)

	accordance to the relevant drawing and specification and satisfaction of the site engineer.				
8	Gabion basket (1x1x1m) : Provide, install and fill the gabion basket (1x1x1) m with stone in place, having mesh size not more than (80x100) mm as per relevant drawing, specification and complete satisfaction of the site engineer. (2.7 to 3) mm galvanized mild steel wire should be used for the mesh with zinc quantity not less than 260 gr/m ² and (3.4 to 4) mm galvanized mild steel wire with zinc quantity of not less than 275 gr /m ² for the frame. The gabion boxes shall be fabricated 'Maccaferri' type or equivalent supplied by an approved manufacturer. The cage shall be constructed with 2.2 mm dia. Galvanized mild steel wire.	15	M ³		
9	Graded Gravel Filter: supplying , placing and compacting granular filter materials under gabion basket as per relevant drawing as specification .	3	M ³		
10	Stone Masonry 1:4 Providing and laying random rubble and coursed stone masonry with cement sand mortar 1:4 as per relevant, Specifications and to the complete satisfaction of the site engineer.	500	M ³		
11	Wipe holes 3": providing and installing pvc wipehole with per relevant, Specifications and to the complete satisfaction of the site engineer.	60	M		
12	Stone Sign board: Preparing and installation of stone signboard specification and complete satisfaction of the site engineer.	1	LS		
Total					



تصدیق کننده : رئیس حوزه دریائی سرپل

ترتیب کننده: انجنیر وحید (هاشمی)



تایید : رئیس عمومی حوزه دریائی زون شمال

Handwritten signature and a long horizontal line.

فازمات برای خانه پوری پروژه چکدم تاشنگر ریاست حوزه فرعی دریایی (سرپل بلایی)

ملاحظات	اولویت بندی پروژه	
	سوم	
	دوم	
	اول	
تعداد مستفیدشونده گان آب	350	
قیمت پروژه تحت پلان تخمین به افغانی	12534560	
مساحت تحت آبیاری به هکتار	بهبودوضع آبیاری	24
	بعداز پروژه	104
	قبل از پروژه	80
طول کانال به km	0.07	
جریان اعظمی کانال m ³ /sec	0	
مقدار جریان اعظمی دریا m ³ /sec	200	
عرض البلد	36°10'45"	
طول البلد	65°20',42"	
ارتفاع از سطح بحر	684	
منبع تغذیه	آب باران	
تعداد میراب باشی ها	1	
امنیت منطقه	خوب	
نوع ساختمان مورد ضرورت	مس کانکریت	
موقعیت	قریه	اوسون سای
	ولسوالی	مرکز
	ولایت	سرپل
اسم پروژه	چکدم تاشنگر	
شماره	4	



کاتب: ریاست حوزه فرعی دریایی سرپل بلایی

ترتیب کننده:

کاتب: رئیس عمومی حوزه دریایی شمال



شماره	مشخصات	اسم	وظیفه	امضاء
1	سروی کننده	سیدوحید احمد	مدیر برنامه ها	
		امیر حسین	انجنیر تاسیسات	
		محمد یعقوب	امیر تنظیم آب	
2	دیزاین کننده	سیدوحید احمد	مدیر برنامه ها	
3	تائید ریاست حوزه فرعی دریایی	سیدروح الله (شهاب)	رئیس حوزه دریایی	
4	تائید ریاست عمومی حوزه دریایی شمال			
5	تائید مقام ولایت			
6	منظوری مقام وزارت			



Title Work plan for Tash Guzar checkdam

Title Work plan for Tash Guzar checkdam				موضوع : جدول پلان کاری برای اعمار پروژه چکدم تاشگزر سال 1398																																											
Item Descriptions	Unit	Quantity	months																																												
			ماه اول				ماه دوم				ماه سوم				ماه چهارم				ماه پنجم				ماه ششم				ماه هفتم				ماه هشتم				ماه نهم				ماه دهم				ماه یازدهم				ماه اول
شماره	فعالیت ها	واحد	مقدار	W1	W2	W3	W4	W1	W2	W3	W4	W1	W2	W3	W4	W1	W2	W3	W4	W1	W2	W3	W4	W1	W2	W3	W4	W1	W2	W3	W4	W1	W2	W3	W4	W1	W2	W3	W4	W1	W2	W3	W4	W1	W2	W3	W4
1	آماده سازی سازه برای کار پروژه	LS	1																																												
2	کندکاری خاک عادی	M3	3850																																												
3	مس کانکریت مارک 200 با 40%سنگ	M3	1636																																												
4	کانکریت بدون سیخ (PCC)	M3	140																																												
5	جاینت هادر هر 15 الی 20 متر	M	40																																												
6	اهنگانگریت سیخدار (RCC)	M3	51																																												
7	پرکاری عقب دیوار	M3	1600																																												
8	نصب گبیون باکس	M3	15																																												
9	جفل دانه بندی شده	M3	3																																												
10	سنگ کاری فرش بند	M3	500																																												
11	نصب نل های (PVC)	M	60																																												
12	نصب لوحه سنگی	LS	1																																												

Prepared by: Sayed Wahid Ahmad

