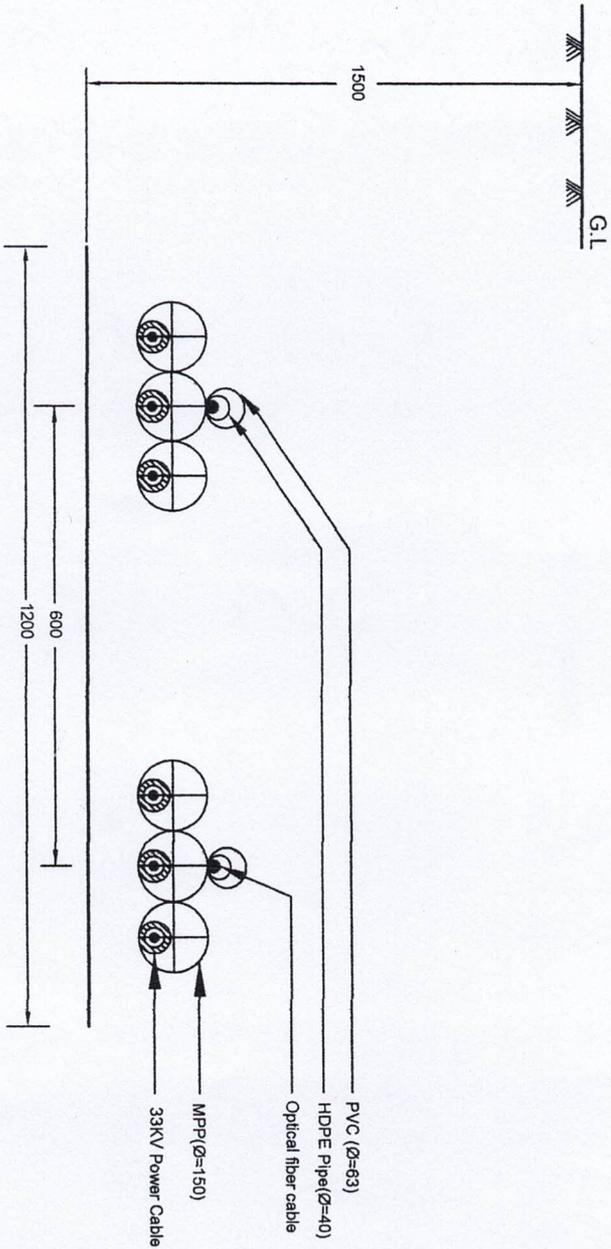


*Signature*

**Sektor Consultant**  
**Karigari Paramarsha**  
**PDSDCZ (2nd Phase) BPDB**  
**Chattoogram,**

DATE	DESIGNED BY	DRAWN BY	CHECKED BY	APPROVED BY
		Masud Rahman		
<b>BANGLADESH POWER DEVELOPMENT BOARD</b>				
<b>PDSD, PHASE-2, CHATTOGRAM ZONE</b>				
CONSULTANT:				
<b>KARIGARI</b> <b>PARAMARSHA</b> Consulting Engineers				
TITLE:			<b>JOB-</b>	
DRAWING NUMBER: -		SCALE: Not to Scale	SHEET NUMBER: -	

*Signature*



**Road Crossing Trench Drg. for  
33kV U/G Power Cable (Double CKT)  
with Optical Fiber Cable**

Note : All Dimension are in mm.

*Senior Consultant*  
 Karigari, Paramarsha  
 PDSDCZ (2nd Phase) BPDB  
 Chatoogram.

*Senior Consultant*

*Senior Consultant*

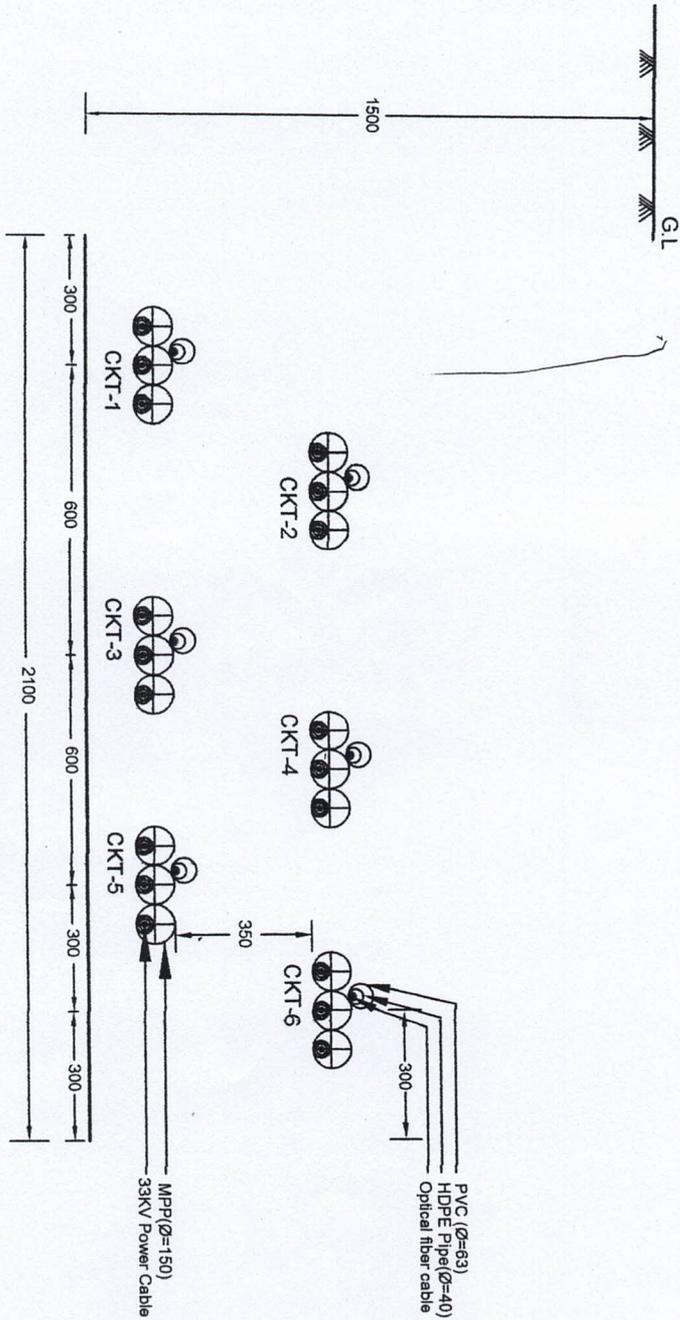
DATE	DESIGNED BY	DRAWN BY	CHECKED BY	APPROVED BY
06/08/2022	Radana Saha	Radana Saha		
BANGLADESH POWER DEVELOPMENT BOARD				
PDSO, PHASE-2, CHATTOGRAM ZONE				
CONSULTANT	JOB-			
PARAMARSHA	Consulting Engineers			
DRAWING NUMBER: Rev: 3		SCALE: Not to Scale		SHEET NUMBER: -

MP-33/01/CQ\_Topping\_Roadway\_31-5-20/01/G\_US Cable Trench 20/05/2022

Note : All Dimension are in mm.

*[Signature]*  
 Senior Consultant  
 Karigari Paramarsha  
 PSDDCZ (2nd Phase) BPDB  
 Chattogram.

**Road Crossing Trench Drg. for  
 33KV U/G Power Cable (Six CKT)  
 with Optical Fiber Cable**



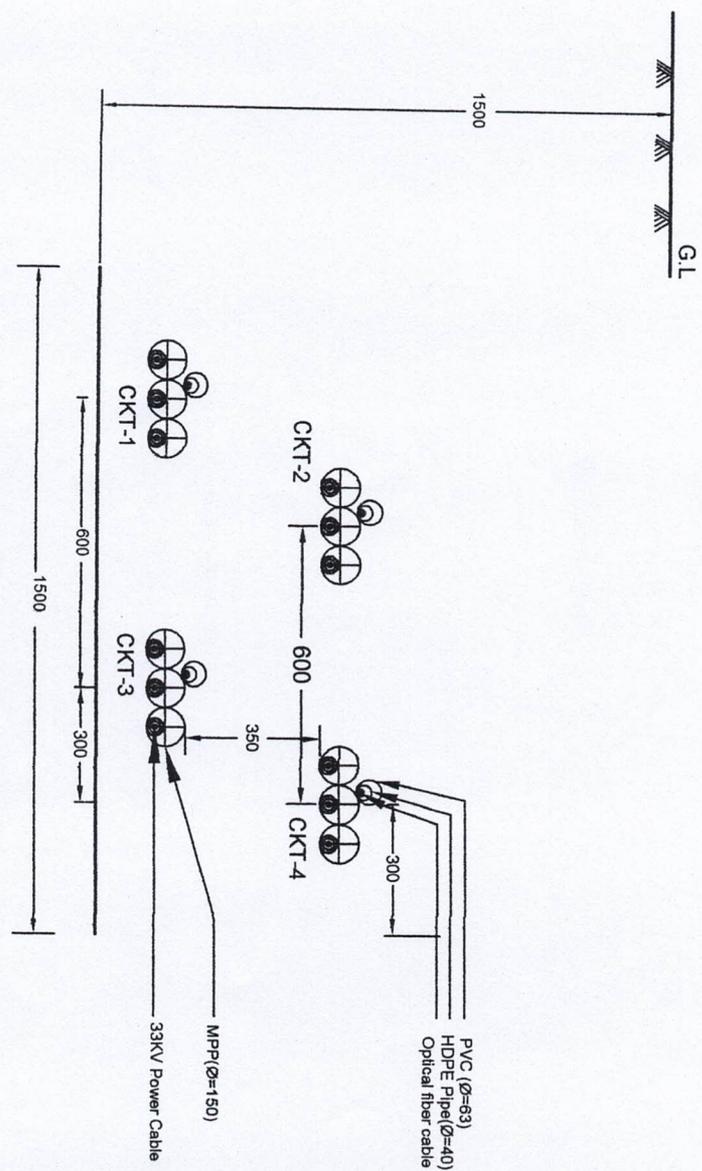
*[Signature]*  
*[Signature]*  
*[Signature]*

DATE	DESIGNED BY	ORGAN BY	CHECKED BY	APPROVED BY
08/08/2022		Rakibul Islam		
BANGLADESH POWER DEVELOPMENT BOARD				
PSDD, PHASE-2, CHATTOGRAM ZONE				
CONSULTANT				
KARIGARI				
PARAMARSHA Consulting Engineers				
JOB-				
TITLE:				
DRAWING NUMBER: Rm-3		SCALE: Not to Scale		SHEET NUMBER: -

RP-330D\Cig\_1\pdm\p\_Roading\_31-5-2007\G\_UG Cable Trench 28.05.2022

Note : All Dimension are in mm.

*Signature*  
 Senior Consultant  
 Karigari Paramarsha  
 PDSDCZ (2nd Phase) BPDB  
 Chattogram.

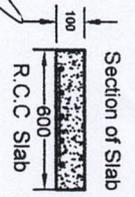
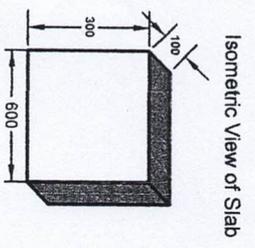
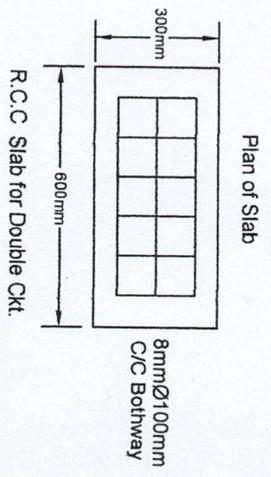
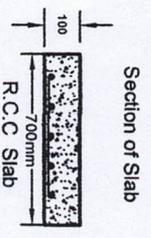
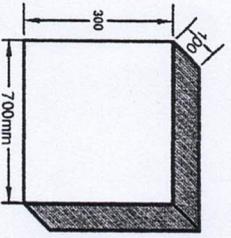
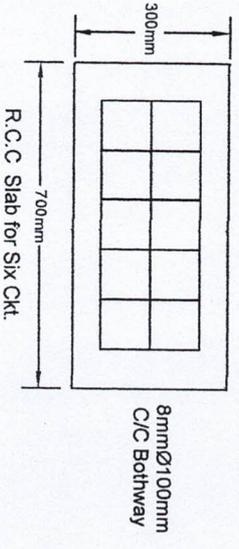
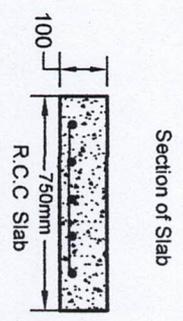
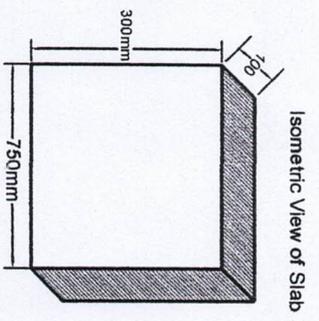
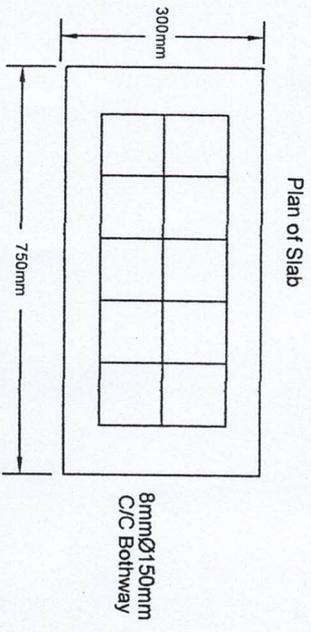


Road Crossing Trench Drg. for  
 33KV U/G Power Cable (Four CKT)  
 with Optical Fiber Cable

*Signature*  
*Signature*  
*Signature*

DATE	DESIGNED BY	DRAWN BY	CHECKED BY	APPROVED BY
06/06/2022		Rahata Saha		
CONSULTANT				
BANGLADESH POWER DEVELOPMENT BOARD				
PDSDC, PHASE-2, CHATTOGRAM ZONE				
JOB-				
CONSULTANT				
KARIGARI				
PARAMARSHA Consulting Engineers				
TITLE:				
DRAWING NUMBER: Rev-3		SCALE: Not to Scale		SHEET NUMBER: -

KP-3300/1019\_Topodrigg\_Jadavdia\_31-5-2001TG\_U/G Cable Trench 26.05.2022



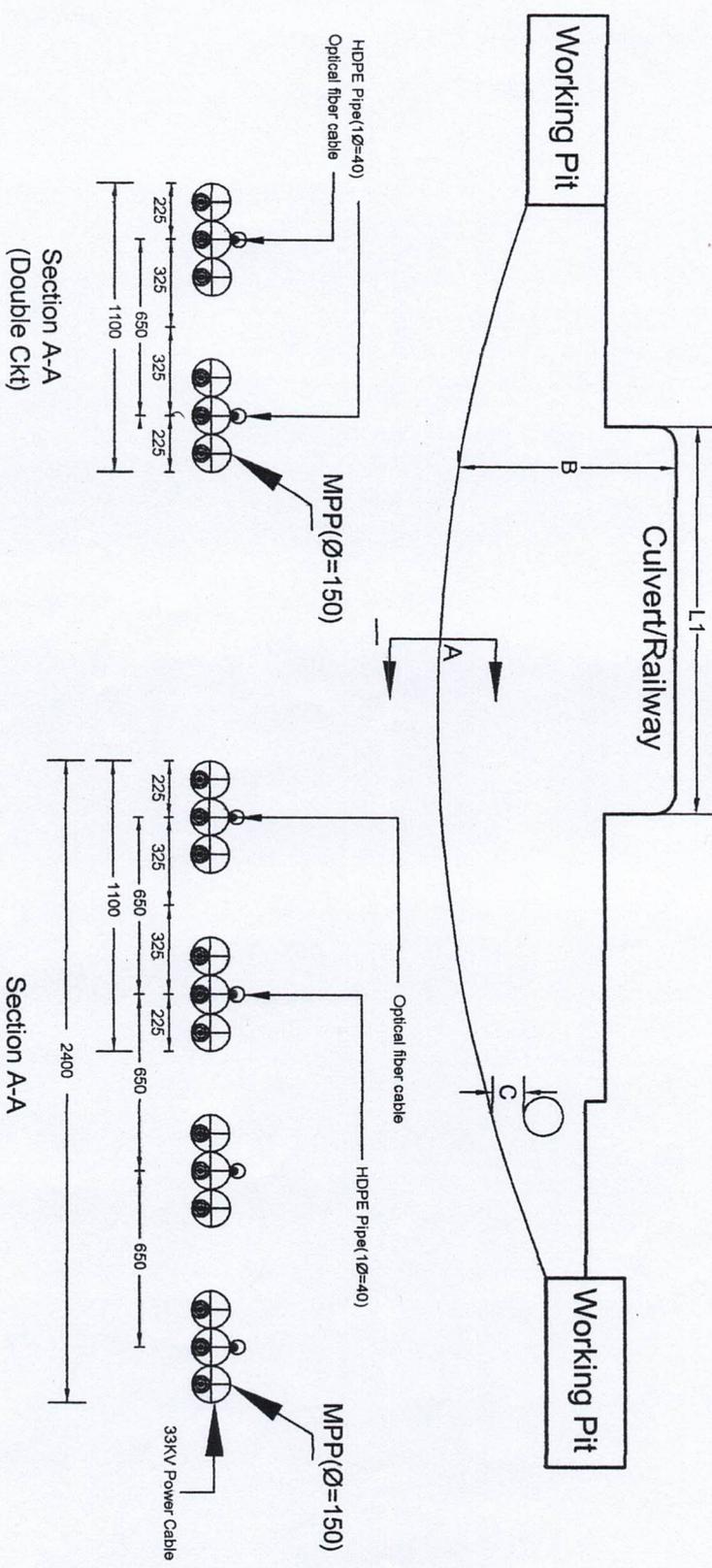
DATE	DESIGNED BY	DRAWN BY	CHECKED BY	APPROVED BY
09/02/22		Rehana Shams		
<b>BANGLADESH POWER DEVELOPMENT BOARD</b>				
<b>PDSD, PHASE-2, CHATTOGRAM ZONE</b>				
CONSULTANT:				
<b>KARIGARI</b> <b>PARAMARSHA</b> Consulting Engineers				
TITLE:				JOB-
DRAWING NUMBER: Rev.3	SCALE: Not to Scale	SHEET NUMBER: -		

Senior Consultant  
 Karigari Paramarsha  
 PDSDCZ (2nd Phase) BPDR  
 Chattogram.

*(Signature)*

*(Signature)*

KP-300/100\_Topping\_Rebate\_31-5-20/CTG\_UC Code Search 28.05.2022



**Notes:**

1. The outer diameter of the MPP pipe outer is 150mm.
2. Meaning of symbols in the drawing.
- B - The minimum protection distance with railway is 1.5m, and to be agreed by the Railway Authority
- C - The minimum protection distance with other municipal pipe lines is generally greater than 0.5m, and with the pressure pipe is greater than 1.0m.
- L1 - Horizontal distance of Culvert/railway crossing by non-excavation cable duct.

DATE	DESIGNED BY	DRAWN BY	CHECKED BY	APPROVED BY
08/06/22				
<b>BANGLADESH POWER DEVELOPMENT BOARD</b>				
<b>PDSO, PHASE-2, CHATTOGRAM ZONE</b>				
CONSULTANT				
<b>KARIGARI</b>				
<b>PARAMARSHA</b> Consulting Engineers				
TITLE:				
DRAWING NUMBER: Rev-3	SCALE: Not to Scale	SHEET NUMBER:		
KP-33VD/C19_1topo/ldp, Raibekha, 31-5-20/C19_UG Cable Trench 28.05.2022				

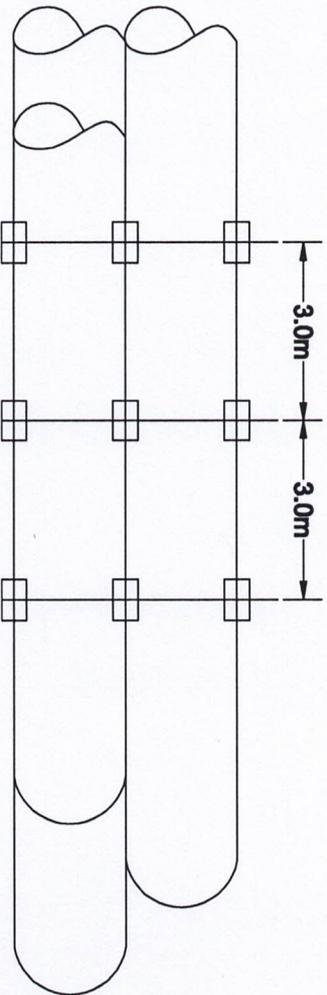
Senior Consultant  
 Karigan Paramarsha  
 PDSO/CZ (2nd Phase) BPDR  
 Chahararam.

*(Signature)*

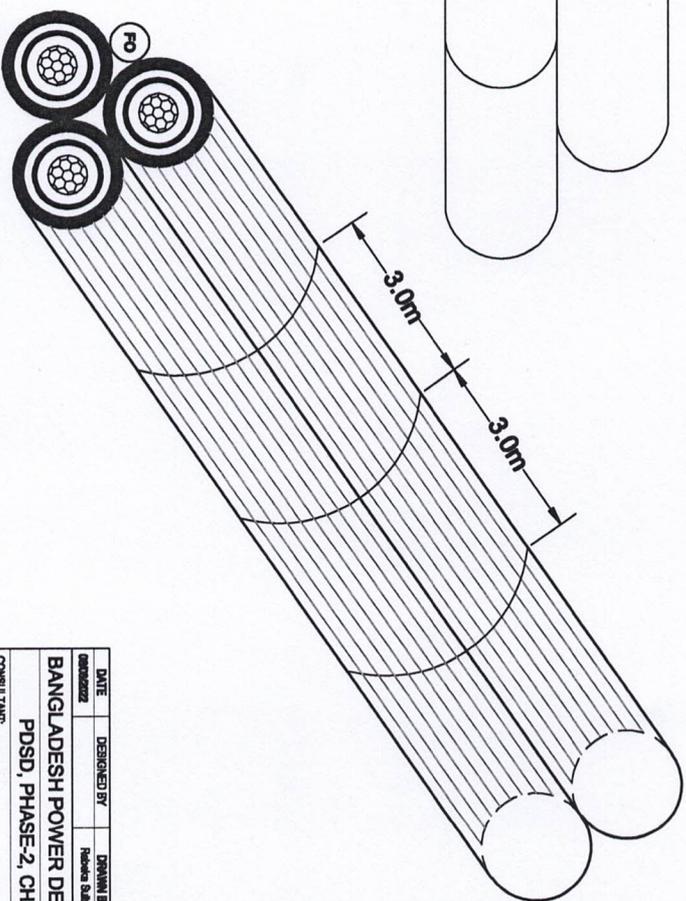
*(Signature)*

*(Signature)*

# 33KV U/G CABLE TO BE TIED AS PER FOLLOWING DRAWING



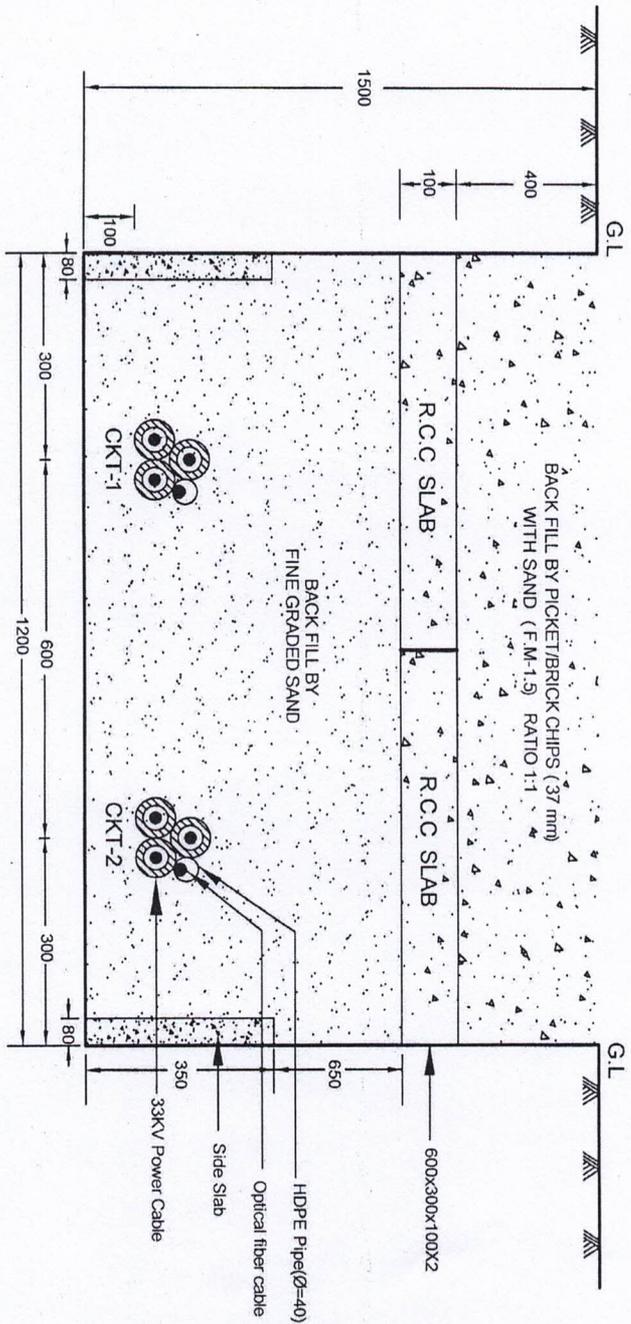
Plastic Cable Tie



Trefoil shape (Tied with Plastic Cable Tie at 3.0 Meter interval)

DATE	DESIGNED BY	DRAWN BY	CHECKED BY	APPROVED
ORGANIZATION <b>BANGLADESH POWER DEVELOPMENT BOARD</b> PDSD, PHASE-2, CHATTOGRAM ZONE				
CONSULTANT: <b>PARAMARSHA</b> Consulting Engineers				
TITLE: _____				
DRAWING NUMBER: R-4-3	SCALE: Not to Scale	SHEET NUMBER: -		





Cable Trench Cross Section (Double Circuit) for 33KV U/G Power Cable with Optical Fiber Cable

*Signature*  
 Senior Consultant  
 Karigari Paramarsha  
 PDSDCZ (2nd Phase) BPDB  
 Chattogram.

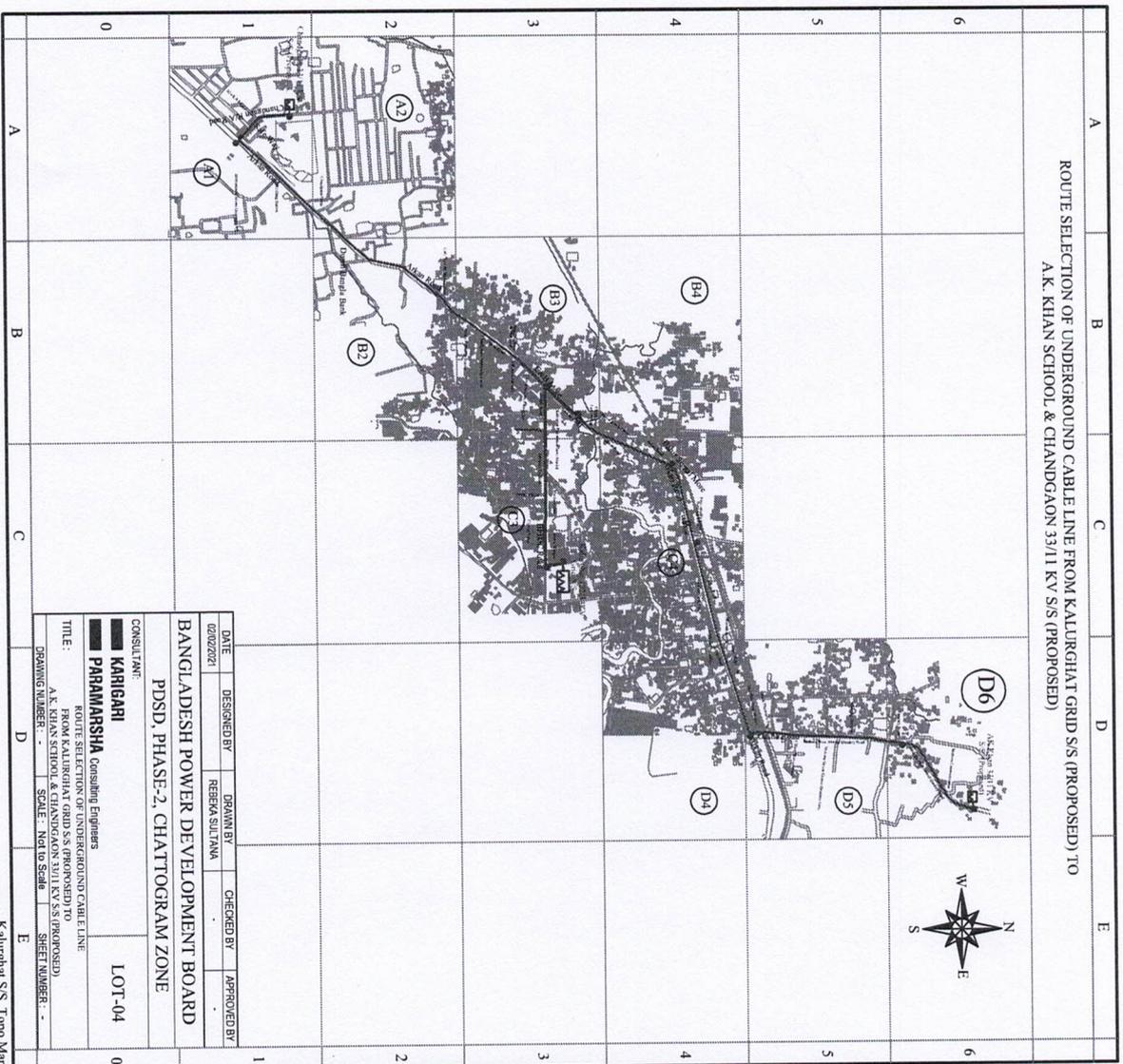
Note : All Dimension are in mm.

*Signature*

DATE	DESIGNED BY	DRAWN BY	CHECKED BY	APPROVED BY
02/08/2023	Md. Rehan			
BANGLADESH POWER DEVELOPMENT BOARD				
PDSD, PHASE-2, CHATTOGRAM ZONE				
CONSULTANT:				
<b>KARIGARI</b> <b>PARAMARSHA</b> Consulting Engineers				
JOB-				JOB-
TITLE:				
DRAWING NUMBER: Rev.3		SCALE: Not to Scale		SHEET NUMBER: -

MP-330D10G\_Topoklap\_Robeta\_31-5-2023TG\_UG Cable Trench 26.05.2022

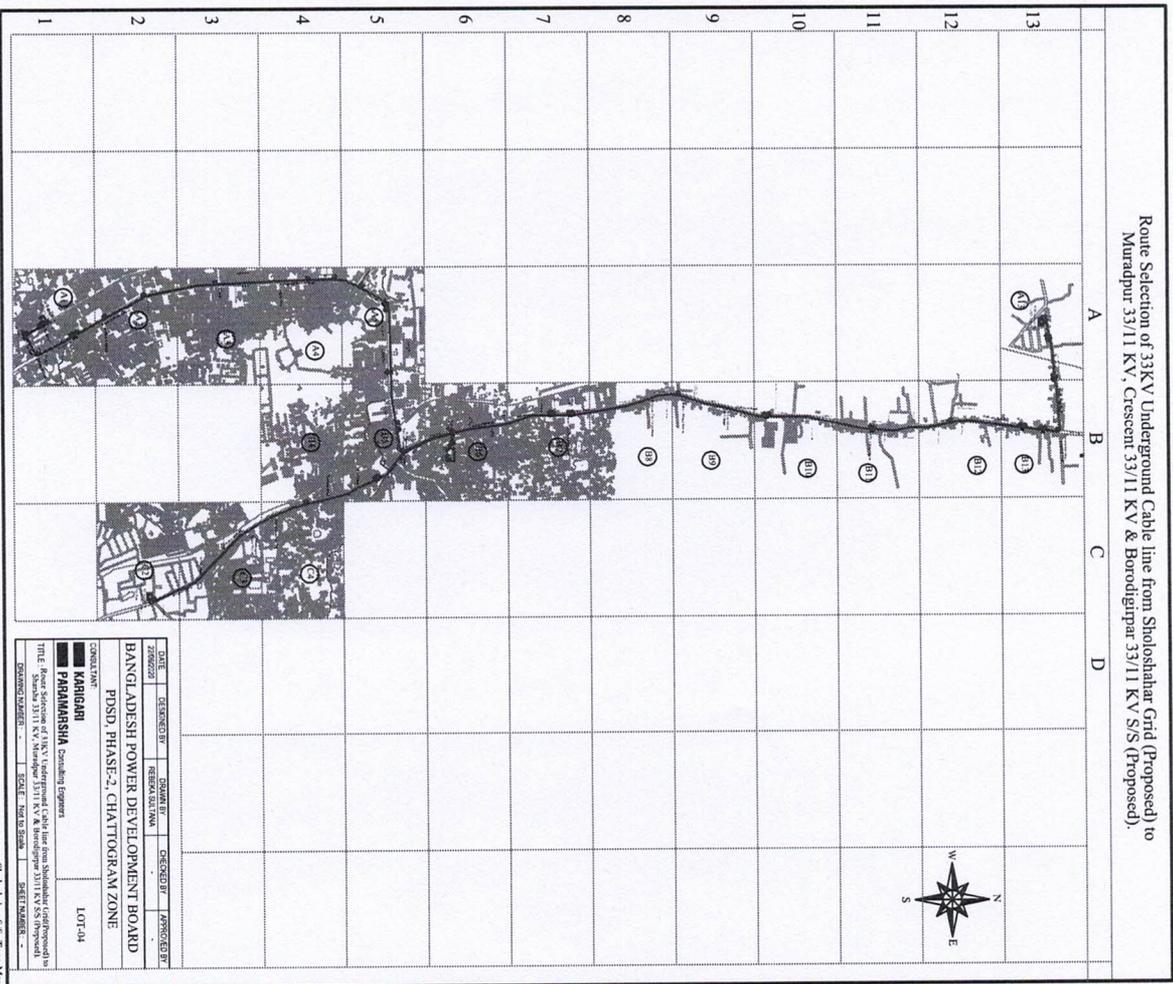
ROUTE SELECTION OF UNDERGROUND CABLE LINE FROM KALURGHAT GRID S/S (PROPOSED) TO  
A.K. KHAN SCHOOL & CHANDGAON 33/11 KV S/S (PROPOSED)



DATE	DESIGNED BY	DRAWN BY	CHECKED BY	APPROVED BY
02/02/2021	REBEKA SULTANA			
<b>BANGLADESH POWER DEVELOPMENT BOARD</b>				
<b>PDSD, PHASE-2, CHATTOGRAM ZONE</b>				
CONSULTANT:	LOT-04			
<b>KARIGARI</b>				
<b>PARAMARSHA</b> Consulting Engineers				
TITLE: FROM KALURGHAT GRID S/S (PROPOSED) TO A.K. KHAN SCHOOL & CHANDGAON 33/11 KV S/S (PROPOSED)				
DRAWING NUMBER:	SCALE:	SHEET NUMBER: -		
	Not to Scale			

Kalurghat S/S Topo Map

Route Selection of 33KV Underground Cable line from Sholoshahar Grid (Proposed) to Muradpur 33/11 KV, Crescent 33/11 KV & Borodigirpar 33/11 KV S/S (Proposed).



DATE	DESIGNED BY	DRAWN BY	CHECKED BY	APPROVED BY
ZAMEER	ABEEN SAHAB			
<b>BANGLADESH POWER DEVELOPMENT BOARD</b> PDSU, PHASE-2, CHATTOGRAM ZONE				
CONSULTANT	LOT-04			
<b>KABIRGARI</b> <b>PARAMARISHA</b> Consulting Engineers				
TITLE: Route Selection of 33KV Underground Cable line from Sholoshahar Grid(Proposed) to Muradpur 33/11 KV, Crescent 33/11 KV & Borodigirpar 33/11 KV S/S (Proposed). DRAWING NUMBER: - - - - - SCALE: - - - - - SHEET NUMBER: - - - - -				

Sholoshahar S/S\_Type Mtr