

.Coordinate System.

1. Projection: UTM
2. Datum: WGS 1984
3. Zone: 45 North
4. Geoid: EGM96 (Global)

.Coordinates of BM & TBM.

SL	BM/TBM No.	Plant Coordinate (m)	WGS 1984 Coordinate (dd.mm.ss.sssss)
1	BM-1	E 1000.000m N 1000.000m Ht. 5.160mMSL	Lat 22°35'26.6565095" N Long 89°33'03.4210886" E
2	BM-2	E 1000.750m N 1040.423m Ht. 5.296mMSL	Lat 22°35'27.5343454" N Long 89°33'04.4737096" E
3	TBM-1	E 849.984m N 1535.281m Ht. 5.401mMSL	Lat 22°35'42.0825055" N Long 89°33'13.5431615" E
4	TBM-2	E 2000.104m N 1551.017m Ht. 5.509mMSL	Lat 22°35'15.0936202" N Long 89°33'41.3884714" E

.Coordinates of BM & TBM.

SL	BM No.	UTM Coordinate (m)	Current Plant Coordinate (m)
1	BM-1	E 762268.264m N 2500459.554m Ht. 5.160mMSL	E 1000.000m N 1000.000m Ht. 5.160mMSL
2	BM-2	E 762297.877m N 2500487.080m Ht. 5.296mMSL	E 1000.000m N 1040.423m Ht. 5.296mMSL
3	TBM-1	E 762549.341m N 2500939.165m Ht. 5.401mMSL	E 849.984m N 1535.281m Ht. 5.401mMSL
4	TBM-2	E 763359.196m N 2500122.367m Ht. 5.509mMSL	E 2000.104m N 1551.017m Ht. 5.509mMSL

.NOTES.

1. All dimensions are in Metre and all levels are in R.L.
2. The Survey has been carried out with respect to BM No. BM1103 collected from SOB
Coordinate of BM1103 is -
Lat 22°39'52.63127"N
Long 89°45'26.88520"E
Elevation 2.0581m above MSL
3. Contour interval = 0.5 Metre.

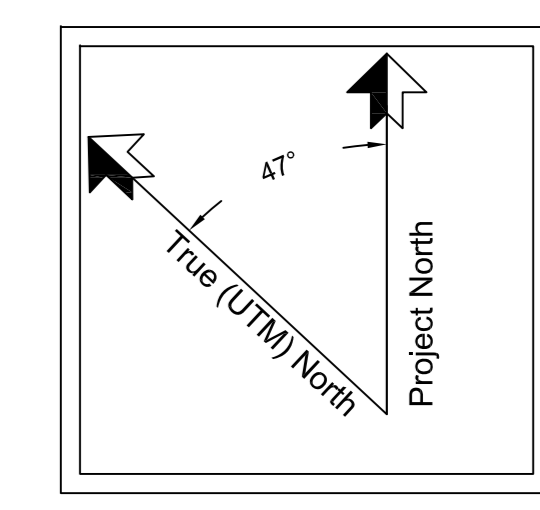
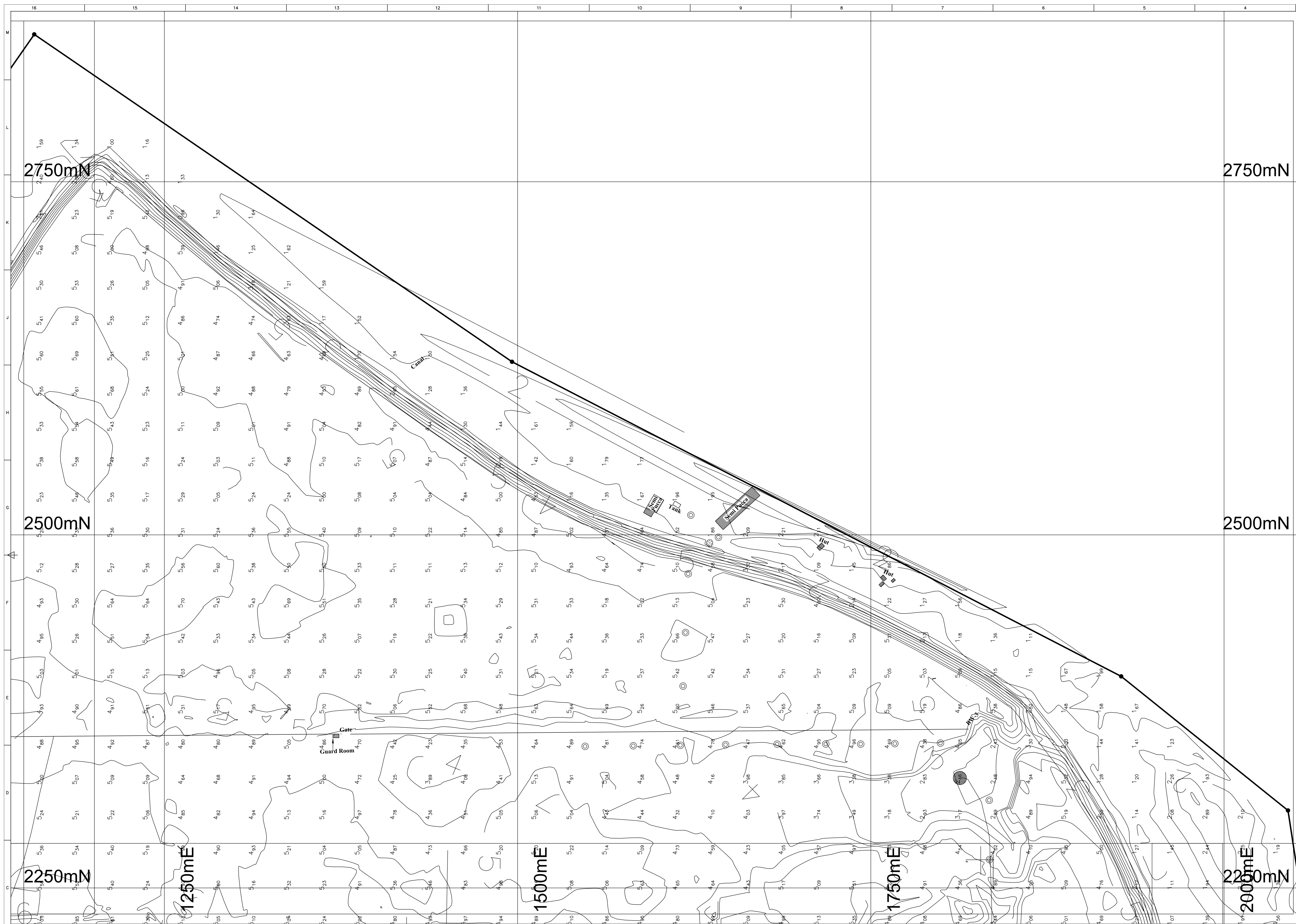
SL.NO.	DESCRIPTION	SYMBOL
1	SURVEYED BOUNDARY	—
2	CONTOUR	—
3	CONTOUR	—
4	GRID SPOT LEVEL	⊙ (5.65m MSL)
5	GRID LEVEL 25M INTERVAL	—
6	ELECTRICAL POLE	⊙
7	LIGHT POST	⊙
8	WATER PUMP	⊗
9	TREE	⊙
10	BM & TBM	⊕
11	DEEP TUBE - WELL	⊕
12	UNDER GROUND WATER PIPE LINE	—
13	DREDGING PIPE LINE	—

SL.NO.	DESCRIPTION	SYMBOL
14	BOUNDARY WALL INSIDE	—
15	BARBED WIRE FENCE	—
16	SLOPE LINE	—
17	ROAD EDGE	—
18	SURVEY CONTROL POINTS	+

Coordinate of Boundary Wall's Corner		
SL.NO.	Easting	Northing
BW-1	785.637	941.785
BW-2	1831.841	942.269
BW-3	1819.121	2362.466
BW-4	901.338	2355.136
BW-5	889.897	2343.222
BW-6	890.271	2212.571
BW-7	867.631	2212.101
BW-8	869.906	1527.776
BW-9	779.869	1527.493

SCALE 1:4000

C				
B				
A				
DATE	PREPARED	CHECKED	APPROVED	NOTE
PROJECT 2x660MW MAITREE SUPER THERMAL POWER PROJECT, RAMPAL, BANGLADESH (EPC MAIN PLANT PACKAGE)				
OWNER CONSULTANT: FICHTNER M/s FICHTNER GmbH & Co KG, Stuttgart, GERMANY		OWNER: BANGLADESH-INDIA FRIENDSHIP POWER COMPANY (PVT.) LIMITED, BANGLADESH		
DESIGN BY		SURVEYING AGENCY: DEVELOPMENT CONSTRUCTIONS LTD. HOUSE 11, ROAD 19/A, UTTARA, DHAKA 1209 PHONE +880-2-5867231, FAX +880-2-5867288 EMAIL: DC@PCL-PCL.COM, WEB: HTTP://WWW.PCL-PCL.COM		SCALE: 1:4000
CHECKED BY	DATE	NAME	PROJECT NO.	SHEET 1 OF 1
APPROVED BY	TITLE TOPOGRAPHICAL SURVEY DRAWING		FILE	
SUPERSEDED BY	SIZE	PROJECT NO.	FILE	
SYSTEM	ANNEX	DRAWING NO. 001	REV. 01	



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.Coordinates of BM & TBM.

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1	BM-1	E 1000.000m N 1000.000m Ht. 5.160mMSL	Lat 22°35'26.6565095" N Long 89°33'03.4210886" E
2	BM-2	E 1000.750m N 1040.423m Ht. 5.296mMSL	Lat 22°35'27.5343454" N Long 89°33'04.4737096" E
3	TBM-1	E 849.984m N 1535.281m Ht. 5.401mMSL	Lat 22°35'42.0825055" N Long 89°33'13.5431615" E
4	TBM-2	E 2000.104m N 1551.017m Ht. 5.509mMSL	Lat 22°35'15.0936202" N Long 89°33'41.3884714" E

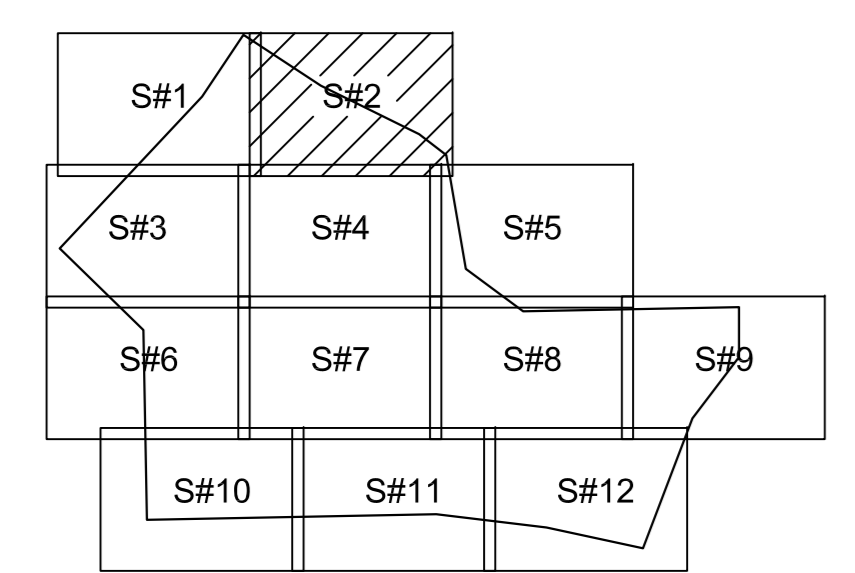
.Coordinates of BM & TBM.

SL	BM No.	UTM Coordinate (m)	Current Plant Coordinate (m)
1	BM-1	E 762268.264m N 2500459.554m Ht. 5.160mMSL	E 1000.000m N 1000.000m Ht. 5.160mMSL
2	BM-2	E 762297.877m N 2500487.080m Ht. 5.296mMSL	E 1000.000m N 1040.423m Ht. 5.296mMSL
3	TBM-1	E 762549.341m N 2500939.165m Ht. 5.401mMSL	E 849.984m N 849.984m Ht. 5.401mMSL
4	TBM-2	E 763359.196m N 2500122.367m Ht. 5.509mMSL	E 2000.104m N 1551.017m Ht. 5.509mMSL

.NOTES.

1. All dimensions are in Metre and all levels are in R.L.
2. The Survey has been carried out with respect to BM No. BM1103 collected from SOB
Coordinate of BM1103 is -
Lat 22°39'52.63127"N
Long 89°45'26.88520"E
Elevation 2.0581m above MSL
3. Contour interval = 0.5 Metre.

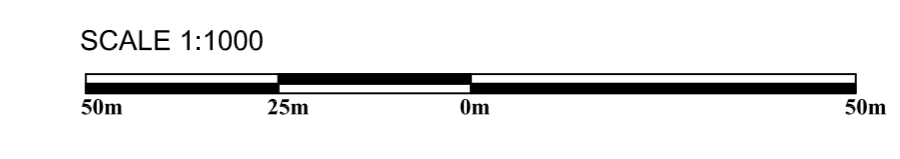
Sheet Layout



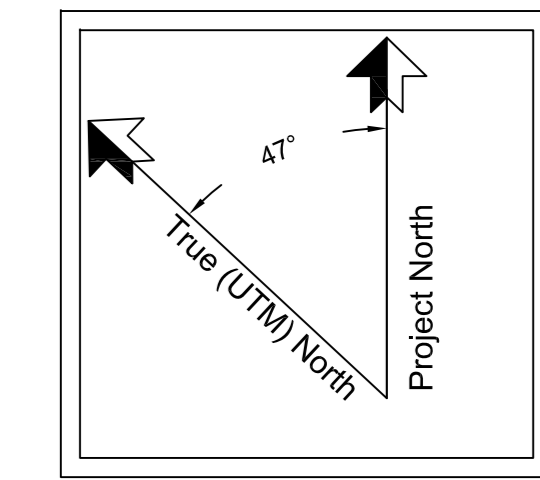
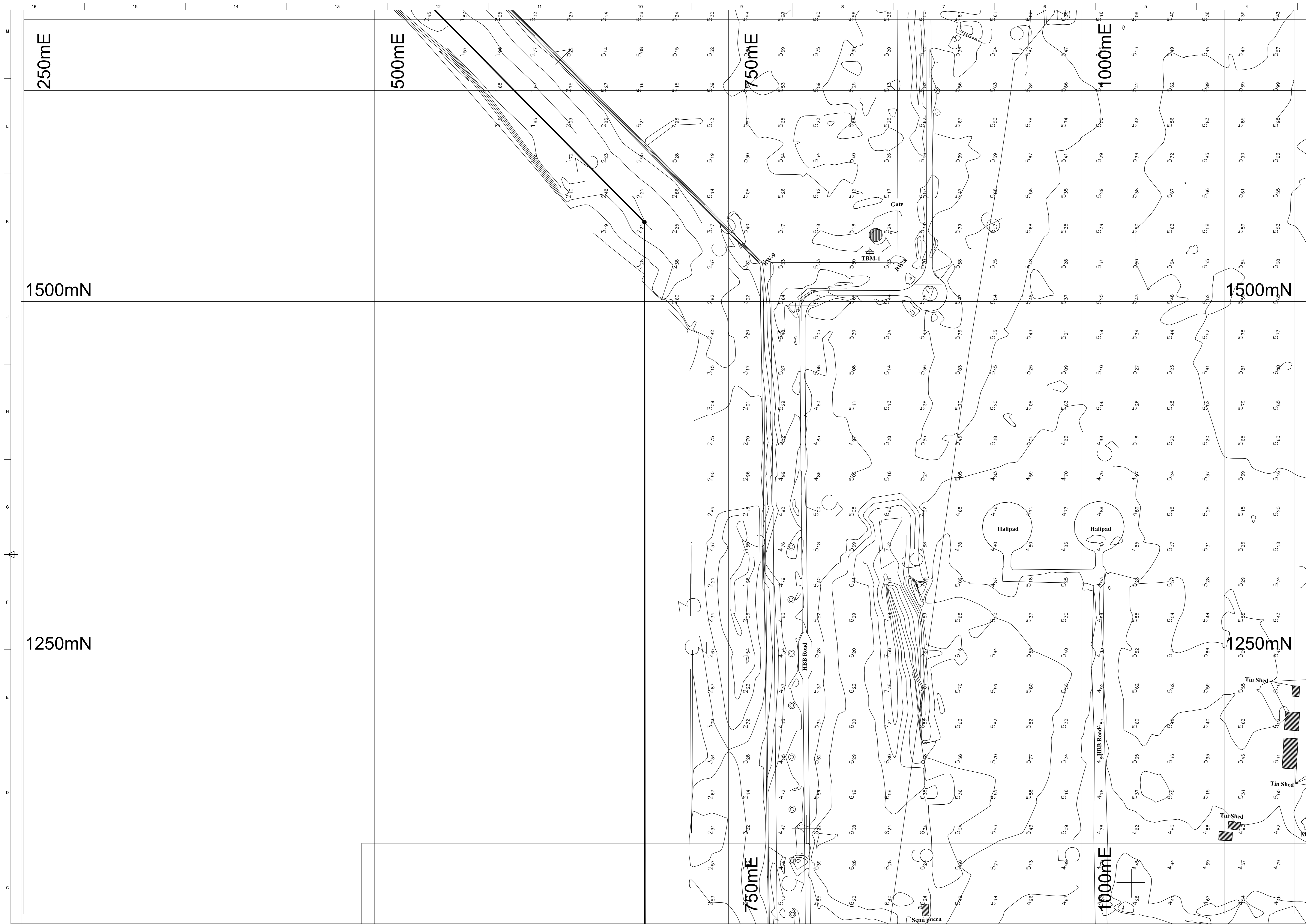
SL.NO.	DESCRIPTION	SYMBOL
1	SURVEYED BOUNDARY	—
2	CONTOUR	—
3	CONTOUR	—
4	GRID SPOT LEVEL	⊙ (5.65m MSL)
5	GRID LEVEL 25M INTERVAL	—
6	POWER POST	⊙
7	LIGHT POST	⊙
8	WATER PUMP	⊙
9	TREE	⊙
10	BM & TBM	⊙
11	DEEP TUBE - WELL	⊙
12	UNDER GROUND WATER PIPE LINE	—
13	DREDGING PIPE LINE	—

SL.NO.	DESCRIPTION	SYMBOL
14	BOUNDARY WALL INSIDE	—
15	BARBED WIRE FENCE	—
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PROJECT 2x660MW MAITRE SUPER THERMAL POWER PROJECT, RAMPAL, BANGLADESH (EPC MAIN PLANT PACKAGE)				
OWNER CONSULTANT: FICHTNER M/s FICHTNER GmbH & Co KG, Stuttgart, GERMANY		OWNER: BANGLADESH-INDIA FRIENDSHIP POWER COMPANY (PVT.) LIMITED, BANGLADESH BHARAT HEAVY ELECTRICALS LTD POWER SECTOR PROJECTS ENGINEERING MANAGEMENT NOIDA		
DRAWN BY		SURVEYING AGENCY: DEVELOPMENT CONSTRUCTIONS LTD. HOUSE 11, ROAD 19/A, UTTARA, DHAKA 1230 PHONE: +880-2-9860221, FAX: +880-2-9860283 EMAIL: DCL@DCL-FCL.COM, WEB: HTTP://WWW.DCL-FCL.COM		
DESIGN BY		SCALE: 1:1000		
CHECKED BY		SHEET 1 OF 12		
APPROVED BY		TITLE TOPOGRAPHICAL SURVEY DRAWING		
SUPERSEDED BY		PROJECT NO.:		
SYSTEM		ANNEX: DRAWING NO. 001		



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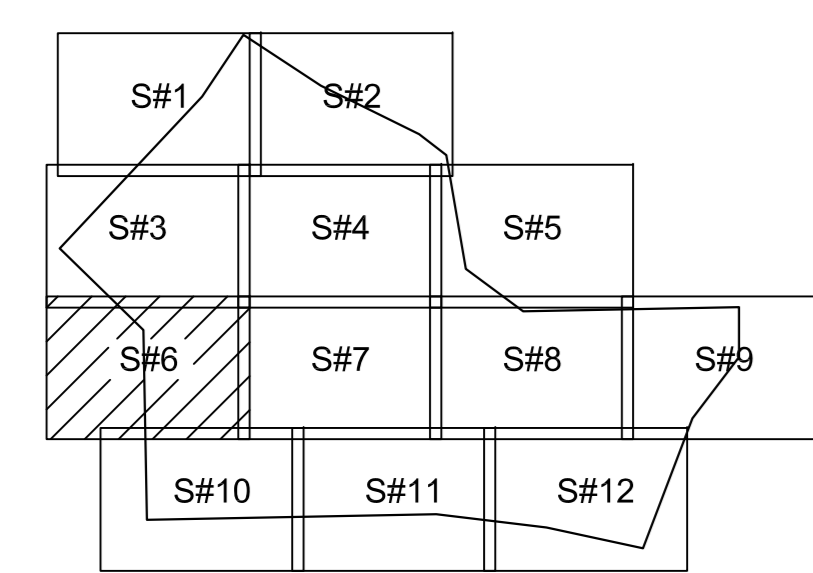
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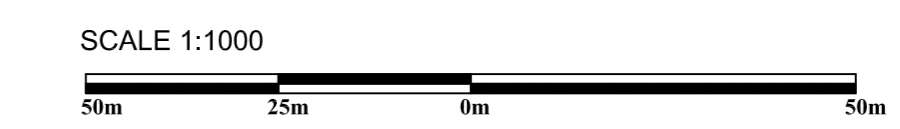
Sheet Layout



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DATE		NAME		
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DESIGN BY		DEVELOPMENT CONSTRUCTIONS LTD.		
CHECKED BY		HOUSE 11, ROAD 19/A, UTTARA, DHAKA 1230		
APPROVED BY		PHONE +880-2-6860221, FAX +880-2-6860283		
SUPERSEDED BY:		EMAIL: DCL@DCL-FCL.COM, WEB: HTTP://WWW.DCL-FCL.COM		
SYSTEM		ANNEX		
TITLE TOPOGRAPHICAL SURVEY DRAWING		SCALE: 1:1000		
PROJECT NO.:		SHEET 1 OF 12		
DRAWING NO. 001		REV 01		