## 6.4 Topographic Survey Result

Table Temporary Bench Marks

		Table Temp	Final Values	
Bridge Number	Point	Southing	Easting	Elevation
Number		(m)	(m)	(m)
4	BM1-1	8,208,758.250	301,082.901	339.201
1	BM1-2	8,209,126.562	300,938.452	334.040
	BM2-1	8,236,756.509	300,105.666	420.082
2	BM2-2	8,237,012.705	299,978.863	414.842
3	BM3-1	8,251,683.435	299,634.002	504.018
3	BM3-2	8,251,809.000	299,346.000	501.000
4	BM4-1	8,252,657.551	297,149.195	511.805
4	BM4-2	8,252,811.000	296,949.000	514.000
-	BM5-1	8,265,496.305	295,224.299	574.552
5	BM5-2	8,265,740.722	295,194.509	571.881
6	BM6-1	8,289,150.067	279,229.966	626.136
6	BM6-2	8,289,276.091	279,021.555	628.969
7	BM7-1	8,295,394.802	272,253.853	704.055
,	BM7-2	8,295,543.336	272,054.566	708.072
0	BM8-1	8,308,059.837	259,725.954	724.576
8	BM8-2	8,308,301.000	259,794.000	726.000
9	BM9-1	8,308,596.521	259,898.673	716.590
9	BM9-2	8,308,915.000	259,969.000	715.000
10	BM10-1	8,319,906.166	246,787.736	608.379
10	BM10-2	8,320,009.000	246,588.000	606.000
11	BM11-1	8,322,235.518	242,704.340	585.424
11	BM11-2	8,322,428.000	242,459.000	587.000
12	BM12-1	8,327,597.387	244,506.824	582.342
12	BM12-2	8,327,817.000	244,625.000	586.000
13	BM13-1	8,359,344.746	235,112.189	566.854
13	BM13-2	8,359,761.000	235,133.000	567.000

	CONTROL POINT DE	SCRIPTION		POINT No.	BM.1-1
				DATE	27/04/2011
PROJECT	ROJECT BRIDGE 1			MOZA	MBIUQE
ZONE 37 PROJECTION U.T.M.			VERTICAL DA	TUM (M.S.L)	
SCALE FA	ACTOR		HORRIZONTAL	DATUM	WGS1984
	CO - ORDIN	IATE	GEOGRAPHIC	CO - ORDINATE	
POINT	SOUTHING	EASTING	LATITUDE	LONGITUDE	ELEVATION
BM.1-1	8208758.250	301082.901			339.201
BOLT ON	CONCRETE				
OCATION					20
	BM 1-1				in on





GENER	RAL INFORMATION		
	AZ	DISTANCE	DESC
RP-1	161-17-26	2.906	sign pole
RP-2	339-23-15	192.694	bridge
RP-3	340-54-21	192.820	bridge

-	CONTROL POINT DE	SCRIPTION		POINT No.	BM.1-2
				DATE	27/04/2011
PROJECT	BRI	DGE 1	LOCATION	MOZA	MBIUQE
ZONE 37	PROJECTION U.T.M	Л.	VERTICAL DA	TUM (M.S.L)	
SCALE F	ACTOR		HORRIZONTAL	DATUM	WGS1984
	CO - ORDIN	IATE	GEOGRAPHIC	CO - ORDINATE	
POINT	SOUTHING	EASTING	LATITUDE	LONGITUDE	ELEVATION
BM.1-2	8209126.562	300938.452			334.040
	N CONCRETE		DIAGRAMS		
LOCATION	B.M. 1-2		3.M. 1-2		
GENERA	AL INFORMATION AZ 341-28-47	RP2	DISTANCE 137.072	RP3	DESC sign pole
RP-2	154-48-54		111.045		bridge
RP-3	157-28-12		110.827		bridge
	. 51 25 12		110.021		2.1490

	CONTROL POINT DE	SCRIPTION		POINT No.	BM.2-1
				DATE	27/04/2011
PROJECT	BRI	DGE 2	LOCATION	MOZA	MBIUQE
ZONE 37	PROJECTION U.T.M	и.	VERTICAL DA	TUM (M.S.L)	
SCALE FACTOR			HORRIZONTAL	DATUM	WGS1984
	CO - ORDIN	IATE	GEOGRAPHIC	CO - ORDINATE	
POINT	SOUTHING	EASTING	LATITUDE	LONGITUDE	ELEVATION
BM.2-1	8236756.509	300105.666			420.082
DESCRIPTI	ON OF MARK		DIAGRAMS	,	
BOLT ON	CONCRETE				
LOCATION					100
RP1	B.M. 2-1	RP2		2-1 RP3	
	Sp Sp	RP <sub>2</sub>		ī	RF 3
GENERA	L INFORMATION	١			
	AZ		DISTANCE		DESC
RP-1	340-50-58		116.444		guard rail
RP-2	341-44-48		142.131		bridge
RP-3	343-43-28		141.009		bridge

		SCRIPTION		POINT No.	BM.2-2
DDO IFOT				DATE	27/04/2011
PROJECT	BRII	DGE 2	LOCATION	MOZA	MBIUQE
ZONE 37	PROJECTION U.T.M	۸.	VERTICAL DA	TUM (M.S.L)	2
SCALE FA	ACTOR		HORRIZONTAL DATUM WGS1984		
	CO - ORDIN	ATE	GEOGRAPHIC	CO - ORDINATE	
POINT	SOUTHING	EASTING	LATITUDE	LONGITUDE	ELEVATION
BM.2-2	8237012.705	299978.863			414.842
DESCRIPTI	ON OF MARK		DIAGRAMS	•	
	2-2				THE WATER
		TO SECUL			
			ทกกลายเอล้น์ส์		
THE RESERVE OF THE PERSON NAMED IN	B.M.			BA	1
70	2-2				1.
		三型 对 图		2-2	
RP1		RP2		RP3	







GENEF	RAL INFORMATION		
	AZ	DISTANCE	DESC
RP-1	151-59-43	54.861	guard rail
RP-2	153-26-21	79.194	bridge
RP-3	157-01-29	79.549	bridge
RP-3	157-01-29	79.549	bridge

sign Pole

bridge

bridge

3.563

158.354

158.586

	CONTROL POINT DE	SCRIPTION		POINT No.	BM.3-1
				DATE	25/04/2011
PROJECT	BRI	DGE 3	LOCATION	MOZA	MBIUQE
ZONE 37 PROJECTION U.T.M.			VERTICAL DA	TUM (M.S.L)	
SCALE FA	ACTOR		HORRIZONTAL	DATUM	WGS1984
	CO - ORDIN	IATE	GEOGRAPHIC	CO - ORDINATE	
POINT	SOUTHING	EASTING	LATITUDE	LONGITUDE	ELEVATION
BM.3-1	8251683.435	299634.002			504.018
DESCRIPTI	ON OF MARK		DIAGRAMS		
LOCATION		White Com			
	3M 3-1 3-1			B.M. 3-1	
RP1		RP2		RP3	Se la constant
CENEDA	INFORMATION AND AND AND AND AND AND AND AND AND AN	RP 2		RP3	
GENERA	L INFORMATION AZ	N	DISTANCE		DESC

RP-1

RP-2

RP-3

118-42-56

292-44-18

294-31-36

	CONTROL POINT DE	SCRIPTION		POINT No.	BM.3-2
				DATE	25/04/2011
PROJECT	BRI	DGE 3	LOCATION	MOZA	MBIUQE
ZONE 37	PROJECTION U.T.M	И.	VERTICAL DA	TUM (M.S.L)	
SCALE FA	ACTOR		HORRIZONTAL	DATUM	WGS1984
	CO - ORDIN	IATE	GEOGRAPHIC	CO - ORDINATE	
POINT	SOUTHING	EASTING	LATITUDE	LONGITUDE	ELEVATION
BM.3-2	8251809.000	299346.000			501.000
BOLT ON	N CONCRETE				
	BM 3-2 B.M. 3-2			B.M. 3-2	
RP1	3-21	RP2		RP3	PA ANY
			RAZ		N RAN II
GENERA RP-1 RP-2	AL INFORMATION AZ 37-14-29 112-49-22	N	DISTANCE 15.268 131.189		DESC tree bridge
RP-3	114-59-55		131.456		bridge

	CONTROL POINT DE	SCRIPTION		POINT No.	BM.4-1
				DATE	23/04/2011
PROJECT	BRI	DGE 4	LOCATION	MOZA	MBIQUE
ZONE 37	PROJECTION U.T.	М.	VERTICAL DA	TUM (M.S.L)	
SCALE FA	ACTOR		HORRIZONTAL	DATUM	WGS1984
	CO - ORDIN			CO - ORDINATE	
POINT	SOUTHING	EASTING	LATITUDE	LONGITUDE	ELEVATION
BM.4-1	8252657.551	297149.195			511.805
	CONCRETE		<u>DIAGRAMS</u>		
LOCATION	3.M. 4-1			B.M. 4-1	
RP1	R P 1	RP2		RP3	RP 3
GENERA		N			
<u>creterr</u> eninge	AZ		DISTANCE		DESC
RP-1	128-11-02		11.966		sign Pole
RP-2	307-18-13		96.163		bridge
RP-3	311-22-30		96.584		bridge

	CONTROL POINT DE	SCRIPTION		POINT No.	BM.4-2
				DATE	23/04/2011
PROJECT	BRI	DGE 4	LOCATION	MOZA	MBIQUE
ZONE 37	PROJECTION U.T.M	Л.	VERTICAL DA	TUM (M.S.L)	
SCALE F	ACTOR		HORRIZONTAL	DATUM	WGS1984
	CO - ORDIN	IATE	GEOGRAPHIC	CO - ORDINATE	
POINT	SOUTHING	EASTING	LATITUDE	LONGITUDE	ELEVATION
BM.4-2	8252811.000	296949.000			514.000
	N CONCRETE		DIAGRAMS		
	B.M. 1-2			3.M.	
RP1	RP1	RP2		RP3	P
GENERA		N	DICTANCE		DECC
DD 4	AZ		DISTANCE		DESC
RP-1	299-01-46 119-36-24		19.610		sign Pole
RP-2 RP-3	119-36-24 123-17-19		107.243		bridge bridge
\r -J	123-11-13		107.627		bildge

	CONTROL POINT DE	SCRIPTION		POINT No.	BM.5-1
				DATE	23/04/2011
PROJECT	BRI	DGE 5	LOCATION	MOZA	MBIUQE
ZONE 37	PROJECTION U.T.	И.	VERTICAL DA	TUM (M.S.L)	
SCALE FA	CTOR		HORRIZONTAL	DATUM	WGS1984
	CO - ORDIN	IATE	GEOGRAPHIC	CO - ORDINATE	
POINT	SOUTHING	EASTING	LATITUDE	LONGITUDE	ELEVATION
BM.5-1	8265496.305	295224.299			574.552
DESCRIPTI	ON OF MARK		DIAGRAMS		
BOLT ON	CONCRETE				
	B.M. 5-1			3.M. -1	
		<b>《新聞》</b>			关系。
RP1  GENERA		RP2		RP3	R 3
GENERA	AZ	(B) RAN	DISTANCE		
GENERA		(B) RAN	DISTANCE 4.951		3
GENERA RP-1	AZ	(B) RAN			DESC

	CONTROL POINT DE	SCRIPTION		POINT No.	BM.5-2
				DATE	23/04/2011
PROJECT	BRI	DGE 5	LOCATION	MOZA	MBIUQE
ZONE 37 PROJECTION U.T.M.			VERTICAL DA	TUM (M.S.L)	
SCALE FACTOR			HORRIZONTAL	DATUM	WGS1984
	CO - ORDIN	IATE	GEOGRAPHIC	CO - ORDINATE	
POINT	SOUTHING	EASTING	LATITUDE	LONGITUDE	ELEVATION
BM.5-2	8265740.722	295194.509			571.881
	ON OF MARK		<u>DIAGRAMS</u>		
LOCATION	CONCRETE			NEW STATES	Application of
	BM. 5-2		B.M. 5-2		
RP1	10 mm	RP2	ADS	RP3	土猴
RP1  GENERA	INFORMATION	REN		RP3	
	L INFORMATION AZ	REN	DISTANCE	RP3	DESC
GENERA		REN	DISTANCE 5.376	RP3	DESC sign Pole
GENERAI	AZ	REN		RP	

	CONTROL POINT DE	SCRIPTION		POINT No.	BM.6-1
				DATE	4/5/2011
PROJECT BRIDGE 6			LOCATION	MOZA	MBIUQE
ZONE 37 PROJECTION U.T.M.			VERTICAL DA	TUM (M.S.L)	
SCALE FA	CTOR		HORRIZONTAL	DATUM	WGS1984
	CO - ORDIN	IATE	GEOGRAPHIC	CO - ORDINATE	
POINT	SOUTHING	EASTING	LATITUDE	LONGITUDE	ELEVATION
BM.6-1	8289150.067	279229.966			626.136
	ON OF MARK CONCRETE		<u>DIAGRAMS</u>		
LOCATION		1818		1	
	B.M. 6-1			B. M. 6-1	
RP1	RP 1	RP2	P	RP3	P 3
GENERA		N			
	AZ		DISTANCE		DESC
RP-1	295-15-55		116.602		tank
RP-2	299-13-40		118.840		bridge
RP-3	301-36-11		118.969		bridge

## BM.6-2   8289276.091   279021.555   628.969    DESCRIPTION OF MARK   DIAGRAMS      BOLT ON CONCRETE		CONTROL POINT DE	SCRIPTION		POINT No.	BM.6-2
ZONE 37 PROJECTION U.T.M.  SCALE FACTOR  HORRIZONTAL DATUM (M.S.L.)  CO - ORDINATE  CO - ORDINATE  POINT SOUTHING EASTING LATITUDE LONGITUDE ELEVATION  BM.6-2 8289276.091 279021.555  DESCRIPTION OF MARK  BOLT ON CONCRETE  LOCATION  RP1  RP2  RP3  RP3  GENERAL INFORMATION  AZ  DISTANCE  DISTANCE  DESC  Control point					DATE	4/5/2011
SCALE FACTOR  CO - ORDINATE  CO - ORDINATE  POINT SOUTHING EASTING LATITUDE LONGITUDE ELEVATION  BM.6-2 8289276.091 279021.555  DESCRIPTION OF MARK  BOLT ON CONCRETE  LOCATION  RP1  RP2  RP3  GENERAL INFORMATION  AZ  DISTANCE  DISTANCE  DESC  Control point  DESC  Control point	PROJECT	BRI	DGE 6	LOCATION	MOZA	MBIUQE
CO - ORDINATE GEOGRAPHIC CO - ORDINATE POINT SOUTHING EASTING LATITUDE LONGITUDE ELEVATION BM.6-2 8289276.091 279021.555 DESCRIPTION OF MARK DIAGRAMS  BOLT ON CONCRETE  LOCATION  RP1  RP2  RP3  GENERAL INFORMATION AZ DISTANCE DESC GENERAL INFORMATION AZ DISTANCE RP-1 107-43-20 3.610 control point	ZONE 37 PROJECTION U.T.M.			VERTICAL DA	TUM (M.S.L)	
POINT SOUTHING EASTING LATITUDE LONGITUDE ELEVATION BM.6-2 8289276.091 279021.555 628.969  DESCRIPTION OF MARK BOLT ON CONCRETE  LOCATION  RP1 RP2 RP3  GENERAL INFORMATION AZ DISTANCE RP-1 107-43-20 DISTANCE DESC Control point	SCALE FA	ACTOR		HORRIZONTAL	DATUM	WGS1984
## BM.6-2   8289276.091   279021.555   628.969   ## DESCRIPTION OF MARK  ## BOLT ON CONCRETE    LOCATION		CO - ORDIN	IATE	GEOGRAPHIC	CO - ORDINATE	
DESCRIPTION OF MARK  BOLT ON CONCRETE  LOCATION  RP1  RP2  RP3  RP3  GENERAL INFORMATION  AZ  DISTANCE  DESC  RP-1 107-43-20  3.610  Control point	POINT	SOUTHING	EASTING	LATITUDE	LONGITUDE	ELEVATION
BOLT ON CONCRETE  LOCATION  B.M. 6-2  RP1  RP2  RP3  GENERAL INFORMATION AZ  RP-1 107-43-20  B.M. 6-2  B.M	BM.6-2	8289276.091	279021.555			628.969
LOCATION  B.M. 6-2  RP1  RP2  RP3  GENERAL INFORMATION  AZ  DISTANCE  DESC  RP-1 107-43-20  3.610  Control point	DESCRIPT	ION OF MARK		DIAGRAMS		
RP1 RP2 RP3  GENERAL INFORMATION AZ DISTANCE DESC Control point  107-43-20 3.610 control point	BOLT ON	CONCRETE				
GENERAL INFORMATION  AZ  DISTANCE  DESC  RP-1 107-43-20  3.610  Control point		8.M 5-2			6-2	
AZ DISTANCE DESC RP-1 107-43-20 3.610 control point	RP1	RP.	RP2		RP3	2P 3
RP-1 107-43-20 3.610 control point	GENERA	L INFORMATION	N .			
•		AZ		DISTANCE		DESC
•	RP-1	107-43-20		3.610		control point
	RP-2	124-30-52		94.120		bridge
RP-3 121-31-33 93.669 bridge	1000001 7000					

	CONTROL POINT DE	SCRIPTION		POINT No.	BM.7-1
				DATE	4/5/2011
PROJECT	BRI	DGE 7	LOCATION	MOZA	MBIUQE
ZONE 37 PROJECTION U.T.M.			VERTICAL DA	TUM (M.S.L)	
SCALE FA	ACTOR		HORRIZONTAL	DATUM	WGS1984
	CO - ORDIN	IATE	GEOGRAPHIC	CO - ORDINATE	
POINT	SOUTHING	EASTING	LATITUDE	LONGITUDE	ELEVATION
BM.7-1	8295394.802	272253.8528			704.0552
DESCRIPT	ION OF MARK		DIAGRAMS		
	CONCRETE				
LOCATION	B. M. 7-1		B.M. 7-1	3783 6683-77 12	
RP1  GENERA	AL INFORMATION	RP2	RP 2	RP3	P3
CLIVEIV	AZ		DISTANCE		DESC
RP-1	273-20-15				
RP-1			2.096		control point
1.000.000	111-36-20		16.477		tree
RP-3	94-26-03		61.501		tree

	CONTROL POINT DE	SCRIPTION		POINT No.	BM.7-2
				DATE	4/5/2011
PROJECT BRIDGE 7			LOCATION	MOZA	MBIUQE
ZONE 37 PROJECTION U.T.M.			VERTICAL DA	TUM (M.S.L)	
SCALE FA	CTOR		HORRIZONTAL	DATUM	WGS1984
	CO - ORDIN	IATE	GEOGRAPHIC	CO - ORDINATE	
POINT	SOUTHING	EASTING	LATITUDE	LONGITUDE	ELEVATION
BM.7-2	8295543.336	272054.5663			708.0721
	ON OF MARK  CONCRETE		<u>DIAGRAMS</u>		
RP1	B.M. 7-2.	RP2		B.M. 7-2	
GENERA	L INFORMATION AZ	No. of the second secon	DISTANCE		DESC
DD 4					
	101-24-39		19.015		tree
1.000 M. 1 (2000)	117-26-42 120-17-55		52.354 62.126		tree
11.1-3	120-17-33		02.120		

	CONTROL POINT DE	SCRIPTION		POINT No.	BM.8-1
				DATE	5/24/2011
PROJECT	BRI	DGE 8	LOCATION	MOZA	MBIUQE
ZONE 37 PROJECTION U.T.M.			VERTICAL DATUM (M.S.L)		
SCALE FA	CTOR		HORRIZONTAL	DATUM	WGS1984
	CO - ORDIN	IATE	GEOGRAPHIC	CO - ORDINATE	
POINT	SOUTHING	EASTING	LATITUDE	LONGITUDE	ELEVATION
BM.8-1	8308059.837	259725.954			724.576
	ON OF MARK  CONCRETE		<u>DIAGRAMS</u>		
	B.M. 8-1			B.M. 8-1	
RP1		RP2		RP3	
	L INFORMATION AZ 250-59-58 16-48-29 18-38-17		DISTANCE 2.979 155.627 155.809		DESC tree bridge bridge

	CONTROL POINT DE	SCRIPTION		POINT No.	BM.8-2
				DATE	5/24/2011
PROJECT	BRI	DGE 8	LOCATION	MOZA	MBIUQE
ZONE 37 PROJECTION U.T.M.			VERTICAL DA	TUM (M.S.L)	
SCALE FA	CTOR		HORRIZONTAL	DATUM	WGS1984
	CO - ORDIN	ATE	GEOGRAPHIC	CO - ORDINATE	
POINT	SOUTHING	EASTING	LATITUDE	LONGITUDE	ELEVATION
BM.8-2	8308301	259794			726
	ON OF MARK  CONCRETE		DIAGRAMS		
LOCATION	CONCRETE				
1	8-2				
RP1	B:M 8-2	RP2		B. M. 8-2	
RP1  GENERA	RP - Q =	RANGE LINE		B. M. 8-2 RP3	
	L INFORMATION	RANGE LINE	DISTANCE	B. M. 8-2	DESC
GENERA	L INFORMATION AZ	RANGE LINE	DISTANCE 19.955	B. M. 8-2	DESC house
GENERA RP-1	L INFORMATION	RANGE LINE	DISTANCE 19.955 80.118		DESC house bridge

	CONTROL POINT DE	SCRIPTION		POINT No.	BM.9-1
				DATE	5/24/2011
PROJECT	BRI	DGE 9	LOCATION	MOZA	MBIUQE
ZONE 37 PROJECTION U.T.M.			VERTICAL DA	TUM (M.S.L)	
SCALE FA	ACTOR		HORRIZONTAL	DATUM	WGS1984
	CO - ORDIN	IATE	GEOGRAPHIC	CO - ORDINATE	
POINT	SOUTHING	EASTING	LATITUDE	LONGITUDE	ELEVATION
BM.9-1	8308596.521	259898.673			716.59
	CONCRETE		<u>DIAGRAMS</u>		
LOCATION	B.M. 9-1		B.M. 9-1		
RP1		RP2	Y	RP3	
GENERA	L INFORMATION				
	AZ		DISTANCE		DESC
RP-1	227-01-22		27.864		tree
RP-2	12-27-59		174.040		bridge
RP-3	014-06-19		173.955		bridge

	CONTROL POINT DE	SCRIPTION		POINT No.	BM.9-2
				DATE	5/24/2011
PROJECT	BRI	DGE 9	LOCATION	MOZA	MBIUQE
ZONE 37 PROJECTION U.T.M.			VERTICAL DA	TUM (M.S.L)	
SCALE FACTOR			HORRIZONTAL	DATUM	WGS1984
	CO - ORDIN	IATE	GEOGRAPHIC	CO - ORDINATE	
POINT	SOUTHING	EASTING	LATITUDE	LONGITUDE	ELEVATION
BM.9-2	8308915	259969			715
DESCRIPTION	ON OF MARK		DIAGRAMS		
BOLT ON	CONCRETE				
LOCATION		3k 3			
OCATION					
1 2 32	Y TOTAL MANAGEMENT	W ISW			See de
N. S. S. S. S.		44-50			
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	B.M. #		9-2		
	9-2		0		
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	PAA	AS A STATE OF THE			
1	CHAIN A				
	19-2		THE REAL PROPERTY.		
					CONTRACTOR OF THE PARTY OF THE
RP1		RP2		RP3	
10					
Silver .					No.
September 2000	akt of the		No. of Lines	A STATE OF THE PARTY OF THE PAR	
COLUMN TO SERVICE OF			1550		
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GENERA	L INFORMATION	١			
	AZ		DISTANCE		DESC
RP-1	279-59-35		20.815		house
					House
RP-2	190-03-28		134.074		bridge
					bridge
	190-03-28 192-09-55		134.074 133.805		

ZONE 37 PROJECTION U.T.M.  SCALE FACTOR  CO - ORDINATE  POINT SOUTHING EASTING LATITUDE LONGITUDE ELEVATION  BM.10-1 8319906.166 246787.736 DIAGRAMS  DESCRIPTION OF MARK  BOLT ON CONCRETE  COCATION  B.M. 10-1 B.M. 10		CONTROL POINT DE	SCRIPTION		POINT No.	BM.10-1
Vertical Datum (M.S.L)					DATE	5/24/2011
HORRIZONTAL DATUM   WGS1984	PROJECT	BRII	OGE 10	LOCATION	MOZA	MBIUQE
CO - ORDINATE   GEOGRAPHIC CO - ORDINATE	ZONE 37 PROJECTION U.T.M.			VERTICAL DA	TUM (M.S.L)	
POINT   SOUTHING	SCALE FA	ACTOR		HORRIZONTAL	DATUM	WGS1984
BM.10-1 8319906.166 246787.736 DIAGRAMS  BOLT ON CONCRETE  COCATION  RP1 RP2 RP3  GENERAL INFORMATION  AZ DISTANCE DESC  RP-1 7-20-31 23.201 house bridge  RP-2 296-21-32 118.736 bridge		CO - ORDIN	IATE	GEOGRAPHIC	CO - ORDINATE	
DESCRIPTION OF MARK  BOLT ON CONCRETE  DIAGRAMS  B.M. 10-1  B.M. 1	POINT	SOUTHING	EASTING	LATITUDE	LONGITUDE	ELEVATION
BOLT ON CONCRETE  LOCATION  B.M. 10-1  10-1  RP1  RP2  RP3  GENERAL INFORMATION  AZ  DISTANCE  DESC  RP-1 7-20-31  RP-2 296-21-32  118.736  bridge	BM.10-1	8319906.166	246787.736			608.379
RP1 RP2 RP3  GENERAL INFORMATION  AZ DISTANCE DESC  RP-1 7-20-31 23.201 house  RP-2 296-21-32 118.736 bridge	DESCRIPT	ION OF MARK		DIAGRAMS		
RP1 RP2 RP3  RP3  GENERAL INFORMATION  AZ  DISTANCE  RP-1 7-20-31  RP-2 296-21-32  118.736  Distance  Desc  house  bridge	BOLT ON	CONCRETE				
RP1 RP2 RP3  GENERAL INFORMATION  AZ DISTANCE DESC  RP-1 7-20-31 23.201 house  RP-2 296-21-32 118.736 bridge	LOCATION				7 7	
AZ DISTANCE DESC  RP-1 7-20-31 23.201 house  RP-2 296-21-32 118.736 bridge	RP1	A STATE OF THE PARTY OF THE PAR	RP2		10-1	
RP-1 7-20-31 23.201 house RP-2 296-21-32 118.736 bridge	GENERA			DISTANCE		DESC
RP-2 296-21-32 118.736 bridge	DD 4					
DEATH 2-46 000 000 000 000 000 000 000 000 000 0						
KP-3 298-45-30 118.688 bridge						
	KP-3	298-45-30		118.688		priage

	CONTROL POINT DE	SCRIPTION		POINT No.	BM.10-2
				DATE	5/24/2011
PROJECT	BRII	OGE 10	LOCATION	MOZA	MBIUQE
ZONE 37	PROJECTION U.T.	м.	VERTICAL DA	TUM (M.S.L)	
SCALE FA	CTOR		HORRIZONTAL	DATUM	WGS1984
	CO - ORDIN	IATE	GEOGRAPHIC	CO - ORDINATE	
POINT	SOUTHING	EASTING	LATITUDE	LONGITUDE	ELEVATION
BM.10-2	8320009	246588			606
DESCRIPTION	ON OF MARK		DIAGRAMS		
BOLT ON	CONCRETE				
OCATION		300000	The Mary	the state of the s	- 6
SOATION				The same	-
	DAA YS				-
	DAVO		Anna M		
	10-218				
		The second second	2000 1000 1000	The same	
-	SCHOOL SELECTION				
				11110	
				B.M.	
	B.M.			10-2	
	10-2			10 2	
				Paris	
	E BANGE			THE RESERVE TO SHARE THE PARTY OF THE PARTY.	The second second
	100				9
RP1	0	RP2		RP3	1
RP1	9	RP2		RP3	
RP1		RP2		RP3	
RP1		RP2		RP3	RR
RP1		RP2		RP3	RR 3
RP1		RP2		RP3	RR 3
RP1		RP2		RP3	RP.
RP1		RP2		RP3	RP 3
	L INFORMATION	CLOCK		RP3	RP 3
	L INFORMATION AZ	CLOCK	DISTANCE	RP3	DESC
GENERAL		CLOCK	DISTANCE 3.895		
GENERAL RP-1	AZ 356-23-36	CLOCK	3.895		tree
GENERAL RP-1 RP-2	AZ	CLOCK			

	CONTROL POINT DE	SCRIPTION		POINT No.	BM.11-1
				DATE	23/04/2011
PROJECT BRIDGE 11			LOCATION	MOZA	MBIUQE
ZONE 37 PROJECTION U.T.M.			VERTICAL DA	TUM (M.S.L)	
SCALE FA	ACTOR		HORRIZONTAL	DATUM	WGS1984
	CO - ORDIN	IATE	GEOGRAPHIC	CO - ORDINATE	
POINT	SOUTHING	EASTING	LATITUDE	LONGITUDE	ELEVATION
BM.11-1	8322235.518	242704.340			585.424
DESCRIPTI	ON OF MARK		<u>DIAGRAMS</u>		
BOLT ON	CONCRETE				
LOCATION			3.31		
RP1	B.M. 11-1	RP2	B.M. 11-1	RP3	
	RIO L	a Box			RP A
GENERA		N	DIOT.::		5500
	AZ		DISTANCE		DESC
RP-1	328-13-23		54.644		sign Pole
RP-2	327-35-10		63.049		bridge
RP-3	331-14-48		64.997		bridge

CONTROL POINT DESCRIPTION				POINT No.	BM.11-2
				DATE	23/04/2011
PROJECT	BRIDGE 11		LOCATION	MOZAMBIUQE	
ZONE 37	PROJECTION U.T.M	Л.	VERTICAL DATUM (M.S.L)		
SCALE FACTOR			HORRIZONTAL	DATUM	WGS1984
CO - ORDINATE			GEOGRAPHIC CO - ORDINATE		
POINT	SOUTHING	EASTING	LATITUDE	LONGITUDE	ELEVATION
BM.11-2	8322428.000	242459.000			587.000
BOLT ON CONCRETE					
EM. 11-2					
GENERA RP-1	AZ 275-54-50		DISTANCE 5.241	RP3	DESC sign Pole
RP-2 RP-3	306-11-29 124-54-18		5.490 15.866		sign Pole sign Pole