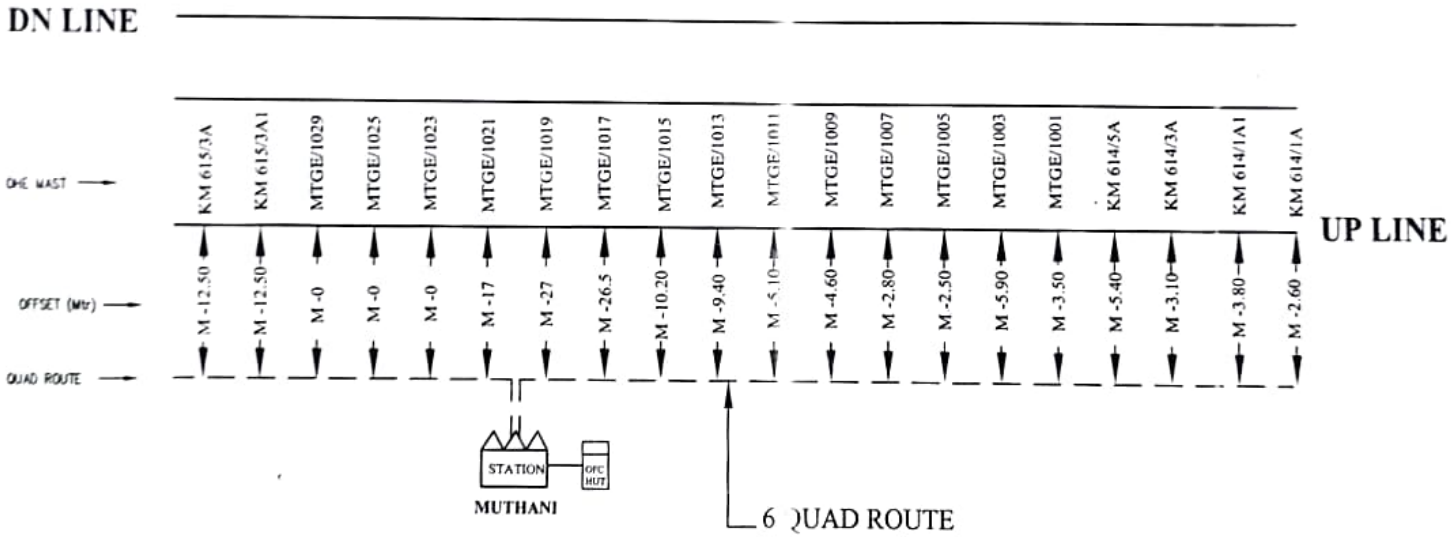
6 QURD CABLE

ROUTE PLAN

SECTION

MUTHANI -PUSAULI-KURDA



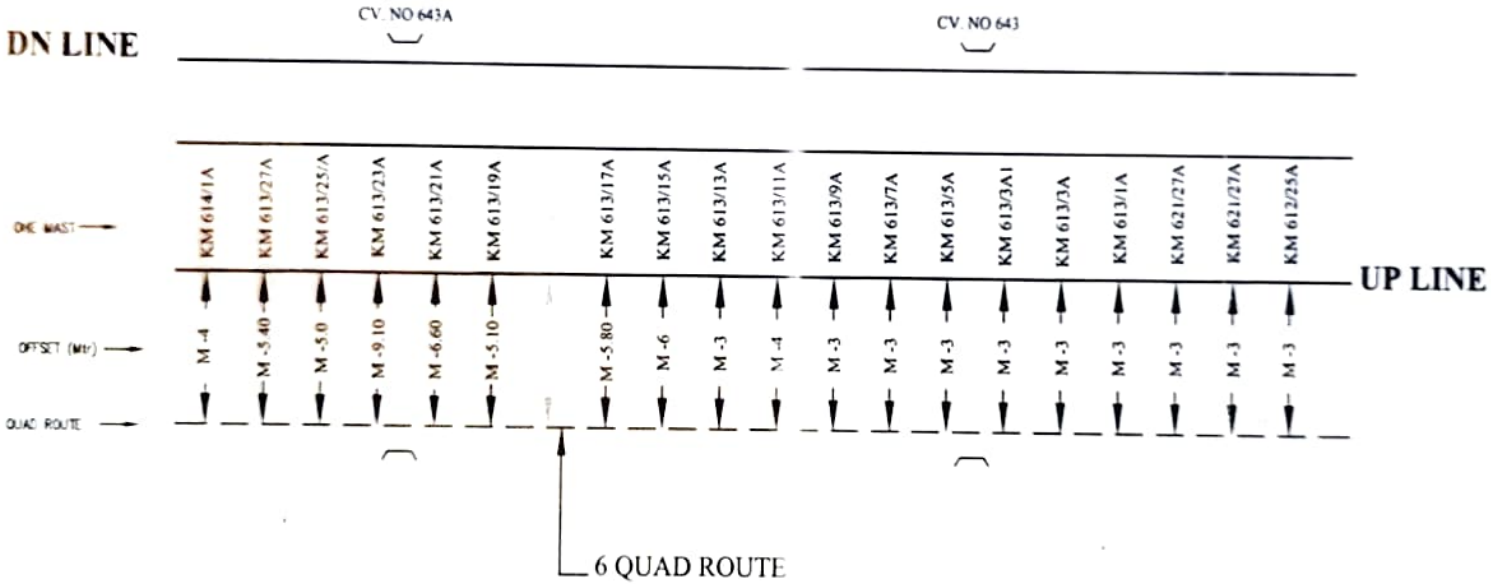
LEGEND

1	— —	PROPOSED ROUTE	4		CULVERT	7		STATION
2	———	RAILWAY TRACK	5		LEVEL XING GATE	8		OFC HUT
3		G.I/RCC PIPE	6		CABIN	9	A/C	App. Care

NOTE:-

ALL OFFSET MEASUREMENT FOR 6 QUAD CABLE IS TAKEN FROM OHE MAST.

BABA PROJECTSPVT. LTD. RANCHI		E.C.R MUGHALSARAI DIVISION (WORKS UNIT)	APPROVED	CHECKED			P-48/100
GABRIEL	M. Shamim						6 QUAD CABLE ROUTE PLAN MGS-DOS SEC
DRAWN	CHECKED		Dy CSTE/W/MGS	A[illegible]TE/W/MGS	SSE/T/W/MGS	SSE/S/W/MGS	



LEGEND

1	— —	PROPOSED ROUTE	4		CULVERT	7	STATION
2	═══	RAILWAY TRACK	5		LEVEL XING GATE	8	OFC HUT
3	⬭	G.I/RCC PIPE	6		CABIN	9	App. Care

NOTE:-

ALL OFFSET MEASUREMENT FOR 6 QUAD CABLE IS TAKEN FROM OHE MAST.

P-49/100

BABA PROJECTSPVT. LTD. RANCHI

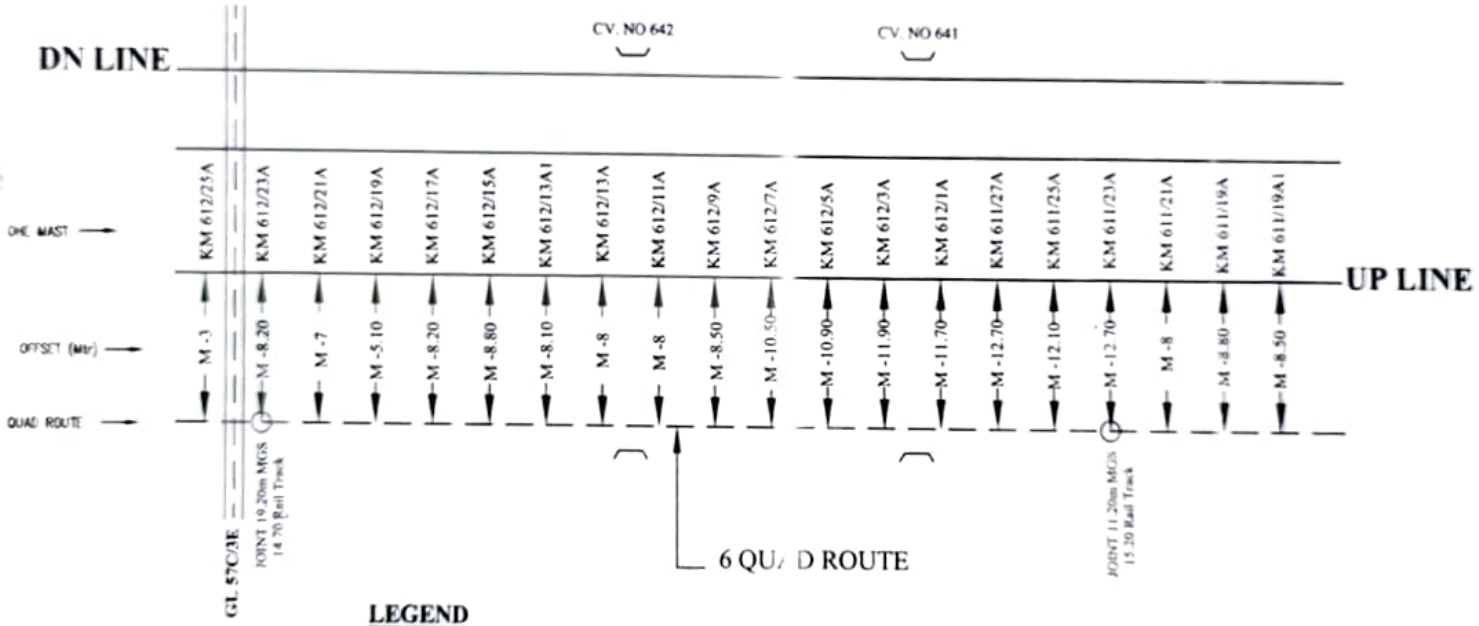
GABRIEL

DRAWN | CHECKED

E.C.R
MUGHALSARAI DIVISION (WORKS UNIT)

APPROVED		CHECKED		
Dy CSTE/W/MGS	ASTE/W/MGS	SSE/T/W/MGS	SSE/S/W/MGS	

6 QUAD CABLE ROUTE PLAN MGS-DOS SEC



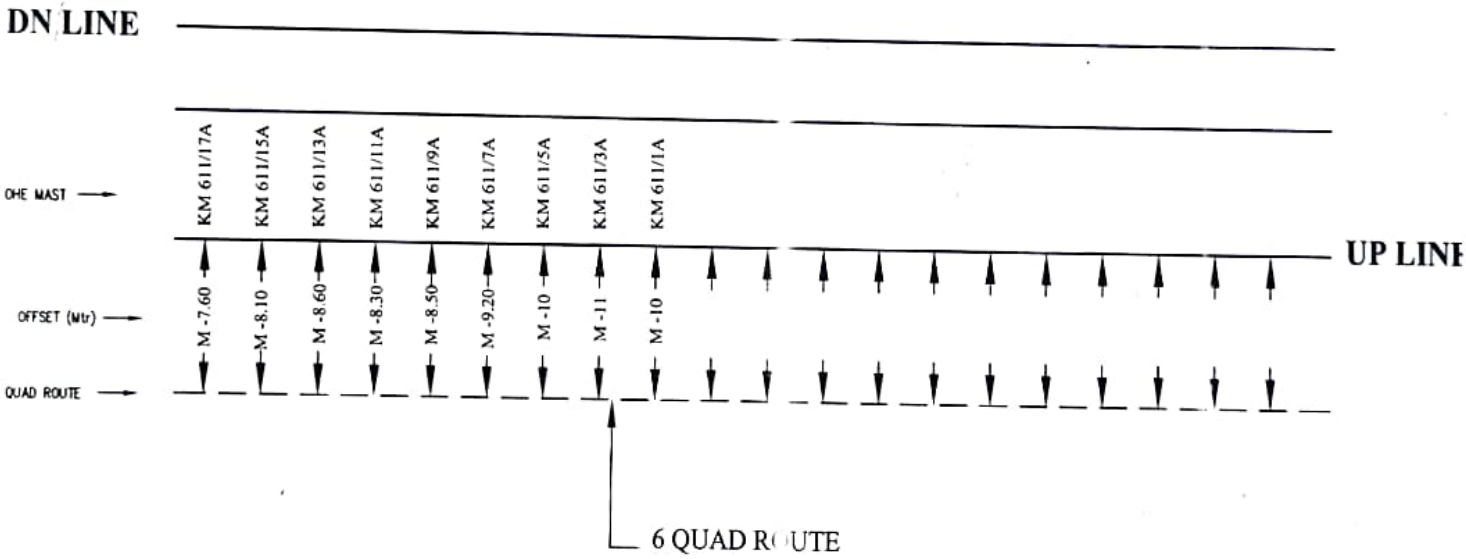
LEGEND

1	PROPOSED ROUTE	4	CULVERT	7		STATION	
2	RAILWAY TRACK	5	LEVEL XING GATE	8		OFC HUT	
3	G.I.PIPE	6	CABIN	9		App. Cure	

NOTE:-

ALL OFFSET MEASUREMENT FOR 6 QUAD CABLE IS TAKEN FROM OHE MAST.

BABA PROJECTSPVT. LTD. RANCHI	**E.C.R** **MUGHALSARAI DIVISION (WORKS UNIT)**	APPROVED	CHECKED	P-50/100 **6 QUAD CABLE ROUTE PLAN** MGS-DO: SEC
		Dy CSTE/W/MGS	SSE/T/W/MGS	SSE/S/W/MGS



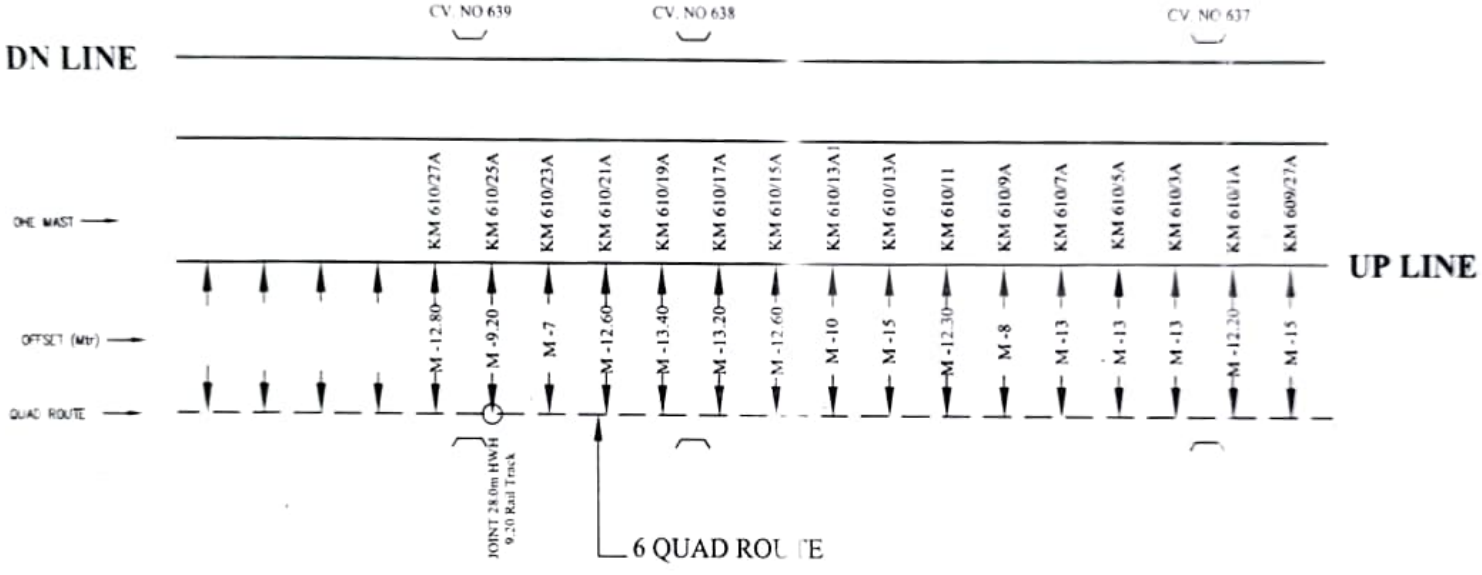
LEGEND

1	PROPOSED ROUTE	4	CULVERT	7	STATION
2	RAILWAY TRACK	5	LEVEL XING GATE	8	OFC HUT
3	G.I/RCC PIPE	6	CABIN	9	App. Care

NOTE:-

ALL OFFSET MEASUREMENT FOR 6 QUAD CABLE IS TAKEN FROM OHE MAST.

BABA PROJECTSPVT. LTD. RANCHI	**E.C.R** MUGHALSARAI DIVISION (WORKS UNIT)	APPROVED	CHECKED		P-51/100
GABRIEL					6 QUAD CABLE ROUTE PLAN MGS-DO: SEC
DRAWN CHECKED		DY.CSTE/W/MGS	AS TE/W/MGS	SSE/T/W/MGS	SSE/S/W/MGS



LEGEND

1	PROPOSED ROUTE	4	CULVERT	7		STATION
2	RAILWAY TRACK	5	LEVEL XING GATE	8		OFC HUT
3	G.I/RCC PIPE	6	CABIN	9		App. Care

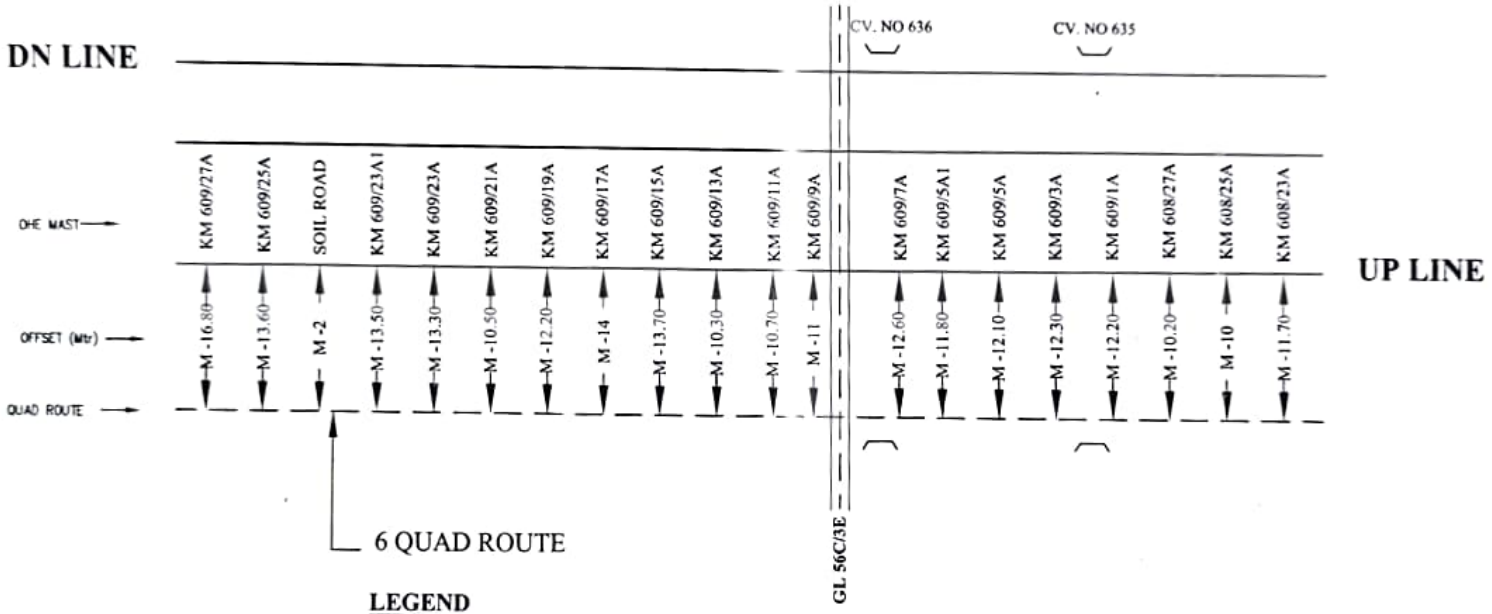
NOTE:-

ALL OFFSET MEASUREMENT FOR 6 QUAD CABLE IS TAKEN FROM OHE MAST.

BABA PROJECTSPVT. LTD. RANCHI	**E.C.R** MUGHALSARAI DIVISION (WORKS UNIT)	APPROVED	CHECKED	P-52/100
GABRIEL / DRAWN	CHECKED	Dy CSTE/W/MGS	SSE/T/W/MGS	SSE/S/W/MGS

6 QUAD CABLE ROUTE PLAN

MGS-DO: SEC



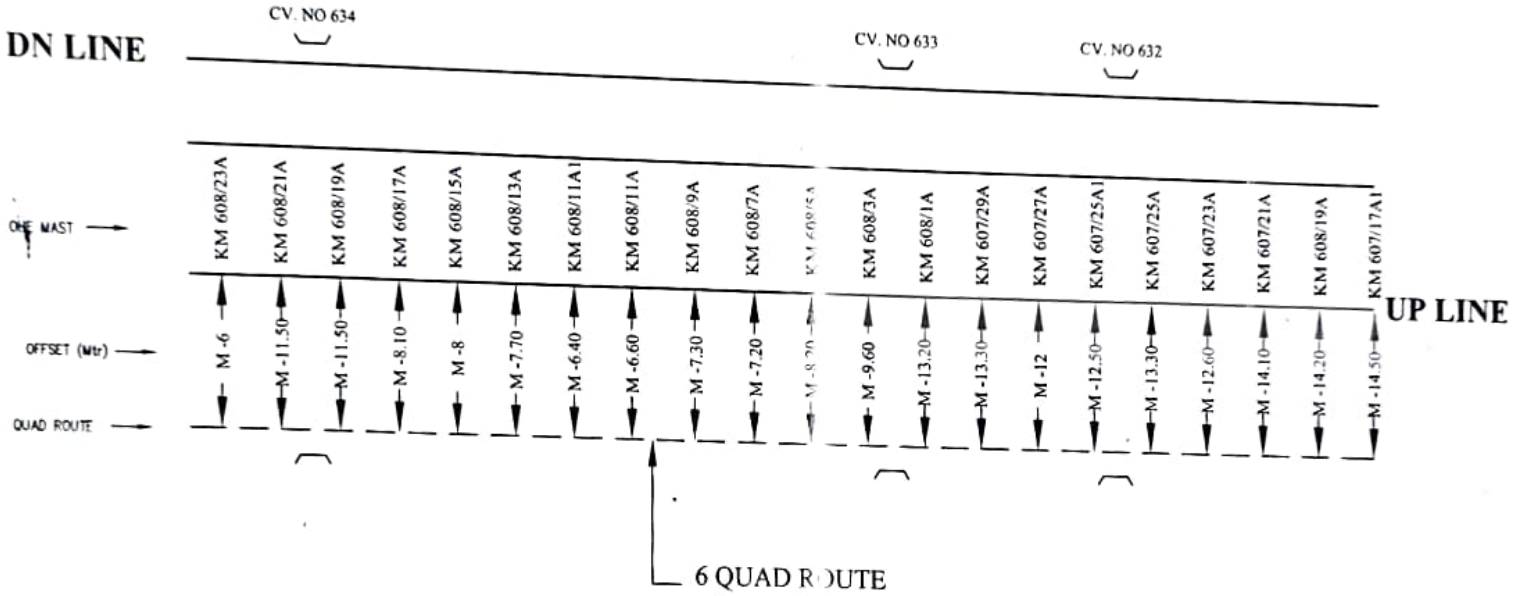
LEGEND

1		PROPOSED ROUTE	4		CULVERT	7	STATION
2		RAILWAY TRACK	5		LEVEL XING GATE	8	OFC HUT
3		G.I/RCC PIPE	6		CABIN	9	App. Care

NOTE:-

ALL OFFSET MEASUREMENT FOR 6 QUAD CABLE IS TAKEN FROM OHE MAST.

BABA PROJECTSPVT. LTD. RANCHI	**E.C.R** MUGHALSARAI DIVISION (WORKS UNIT)	APPROVED	CHECKED		P-53/100
GABRIEL					6 QUAD CABLE ROUTE PLAN MGS-DOS SEC
DRAWN CHECKED		DY. CSTE/W/MGS	ASTE/W/MGS	SSE/T/W/MGS	SSE/S/W/MGS



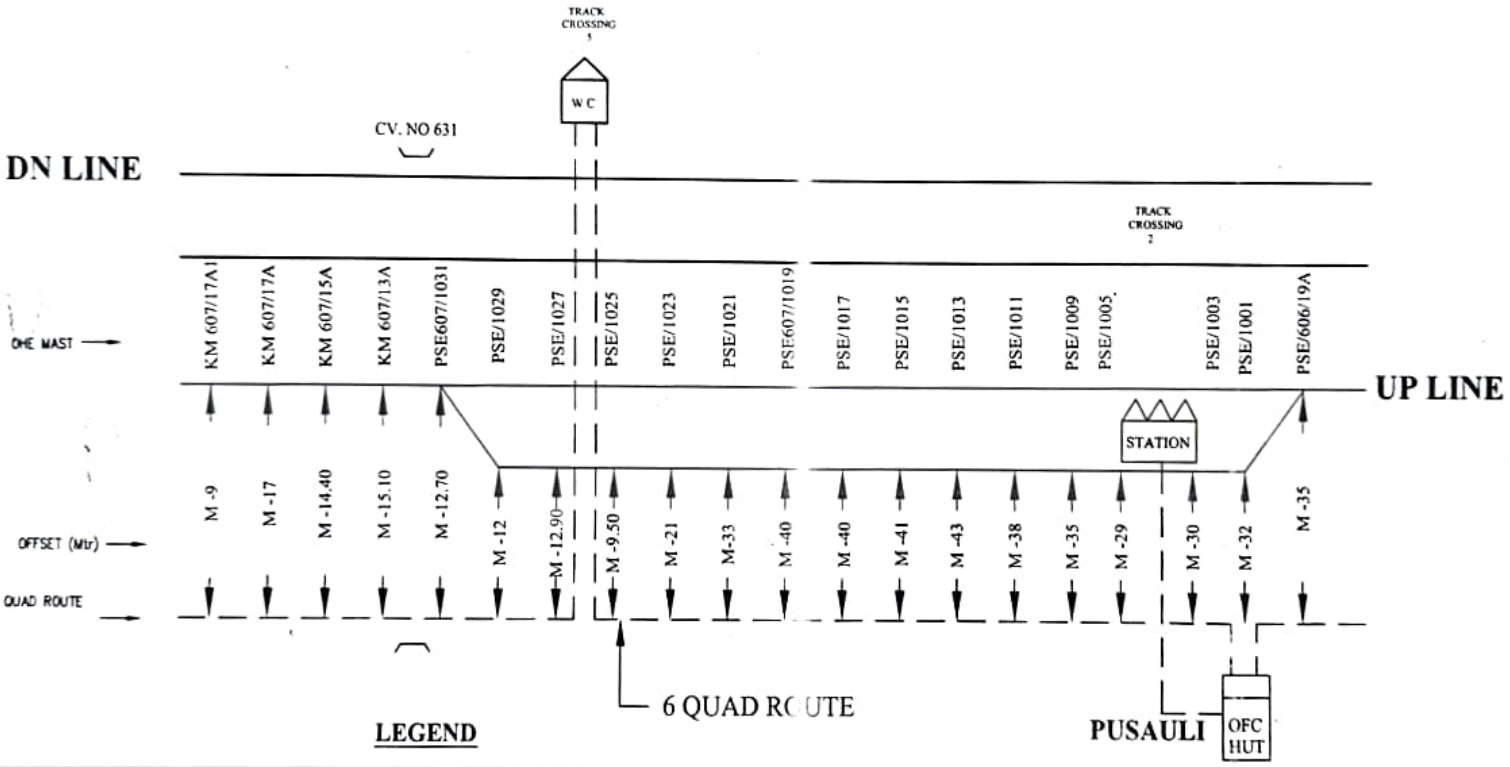
LEGEND

LEGEND			LEGEND			LEGEND		
1	PROPOSED ROUTE	4	CULVERT	7		STATION
2	RAILWAY TRACK	5	LEVEL XING GATE	8		OFC HUT
3	G.I/RCC PIPE	6	CABIN	9	A/C	App. Care

NOTE:-

ALL OFFSET MEASUREMENT FOR 6 QUAD CABLE IS TAKEN FROM OHE MAST.

BABA PROJECTSPVT. LTD. RANCHI	E.C.R MUGHALSARAI DIVISION (WORKS UNIT)	APPROVED	CHECKED			P-54/100
GABRIEL						6 QUAD CABLE ROUTE PLAN MGS-DOS SEC
DE WN	CHECKED	Dy/CSTE/W/MGS	ASTE/W/MGS	SSE/T/W/MGS	SSE/S&T/W/MGS	



LEGEND

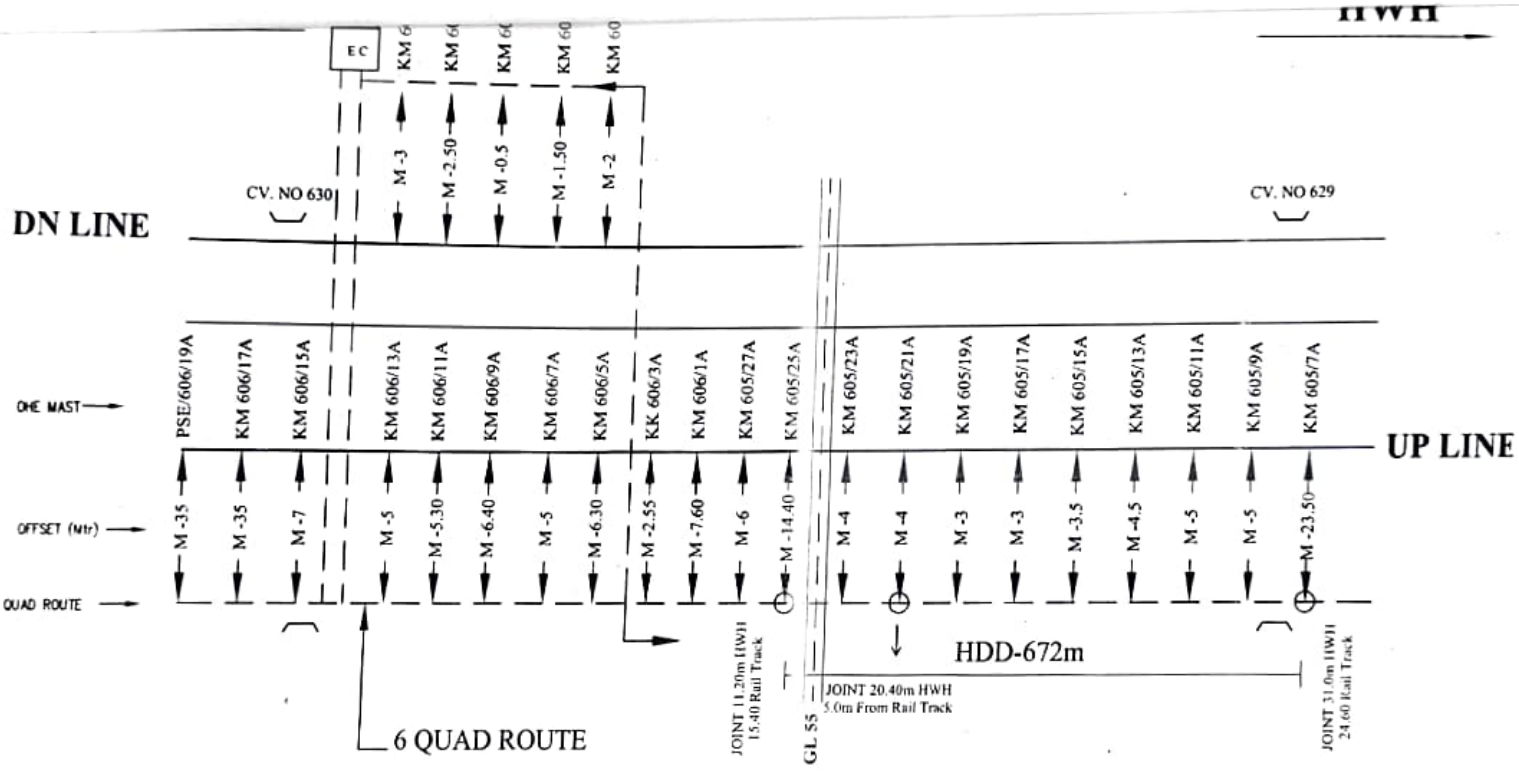
1	PROPOSED ROUTE	4	CULVERT	7	STATION		
2	RAILWAY TRACK	5	LEVEL XING GATE	8	OFC HUT		
3	G.I/RCC PIPE	6	CABIN	9	App. Care		

NOTE:-

ALL OFFSET MEASUREMENT FOR 6 QUAD CABLE IS TAKEN FROM OHE MAST.

P-55/100

BABA PROJECTSPVT. LTD. RANCHI	E.C.R MUGHALSARAI DIVISION (WORKS UNIT)	APPROVED	CHECKED		6 QUAD CABLE ROUTE PLAN MGS-DO SEC
GABRIEL					
DRAWN CHECKED		Dy CSTE/W/MGS	AS TE/W/MGS	S E/T/W/MGS	SSE/S/W GS



LEGEND

1	PROPOSED ROUTE	4	CULVERT	7		STATION
2	RAILWAY TRACK	5	LEVEL XING GATE	8		OFC HUT
3	G.I/RCC PIPE	6	CABIN	9		App. Care

NOTE:-

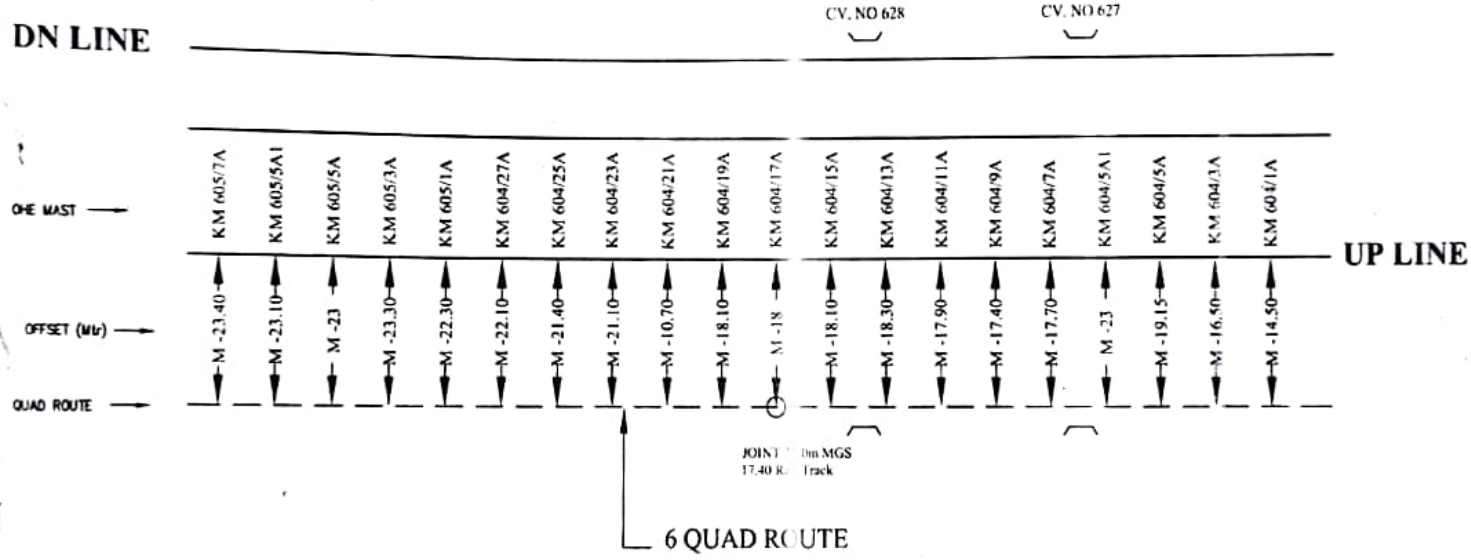
ALL OFFSET MEASUREMENT FOR 6 QUAD CABLE IS TAKEN FROM OHE MAST.

P-56/100

BABA PROJECTSPVT. LTD. RANCHI		E.C.R MUGHALSARAI DIVISION (WORKS UNIT)	APPROVED		CHECKED		6 QUAD CABLE ROUTE PLAN MGS-DO: SEC
GABRIEL	M. Shamim						
DRAWN	CHECKED		CSTE/W/MGS	ASTE/W/MGS	SSE/T/W/MGS	SSE/S/W/MGS	

MGS

HWH



LEGEND

1	PROPOSED ROUTE	4		CULVERT	7		STATION
2	RAILWAY TRACK	5		LEVEL XING GATE	8		OFC HUT
3	G.I/RCC PIPE	6		CABIN	9	A/C	App. Care

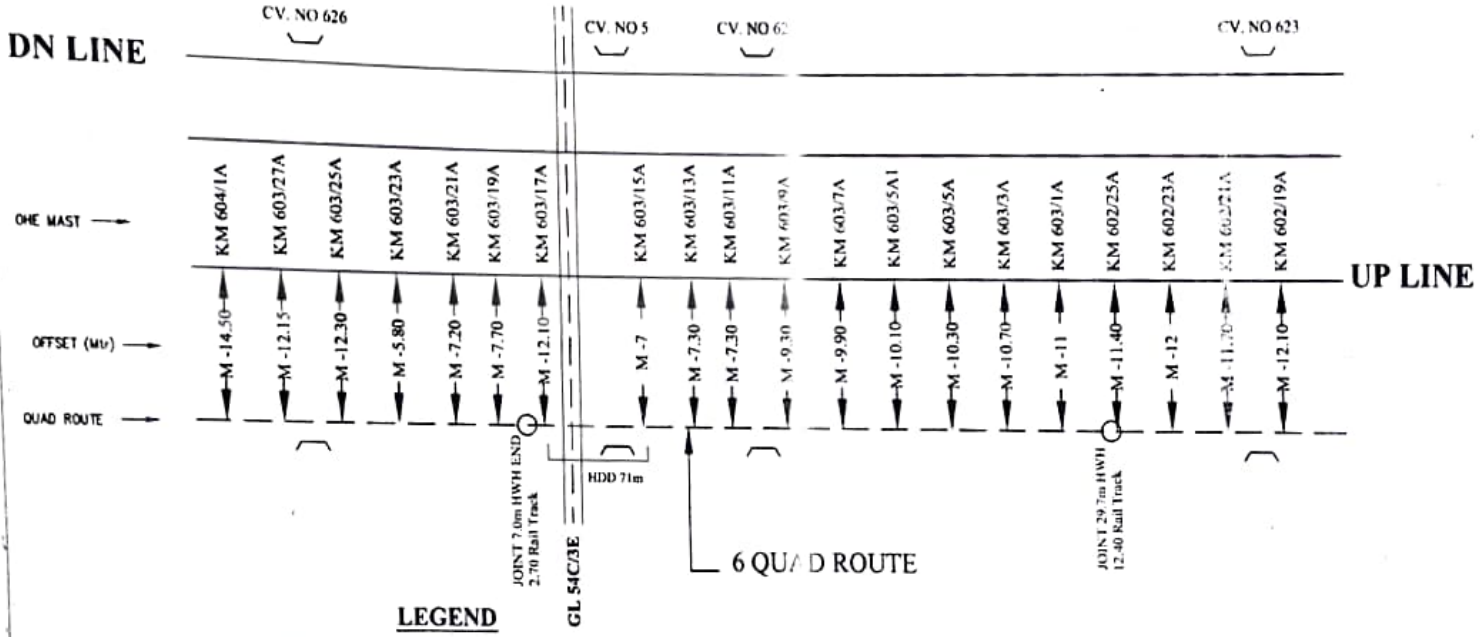
NOTE:-
ALL OFFSET MEASUREMENT FOR 6 QUAD CABLE IS TAKEN FROM OHE MAST.

P-57/100

BABA PROJECTSPVT. LTD. RANCHI		E.C.R MUGHALSARAI DIVISION (WORKS UNIT)	APPROVED	CHECKED			6 QUAD CABLE ROUTE PLAN MGS-DOS SEC
GABRIEL	M. Shameem						
DRAWN	CHECKED		Dy CSTE/W/MGS	A: TE/W/MGS	SSE/T/W/MGS	SSE/S/W/MGS	

MGS

HWH



LEGEND

1	— —	PROPOSED ROUTE	4		CULVERT	7		STATION
2	———	RAILWAY TRACK	5		LEVEL XING GATE	8		OFC HUT
3		G.I.RCC PIPE	6		CABIN	9		App. Care

NOTE:-

ALL OFFSET MEASUREMENT FOR 6 QUAD CABLE IS TAKEN FROM OHE MAST

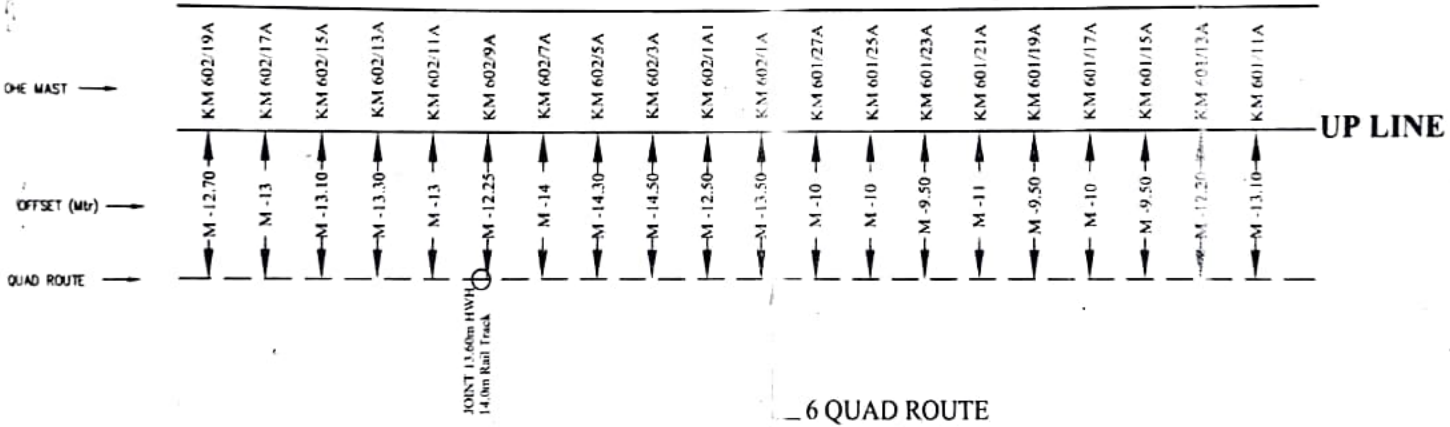
P-58/100

BABA PROJECTSPVT. LTD. RANCHI	**E.C.R** MUGHALSARAI DIVISION (WORKS UNIT)	APPROVED	CHECKED	6 QUAD CABLE ROUTE PLAN MGS-DOS SEC
GABRIEL / M.Shaneem				
DRAWN / CHECKED		DY CSTE/W/MGS	ASTE/W/MGS	SSE/T/W MGS / SSE S/W MGS

MGS

HWH

DN LINE



6 QUAD ROUTE

LEGEND

1	— —	PROPOSED ROUTE	4		CULVERT	7		STATION
2	═══	RAILWAY TRACK	5		LEVEL XING GATE	8		OFC HUT
3		GI/RCC PIPE	6		CABIN	9		App. Care

NOTE:-

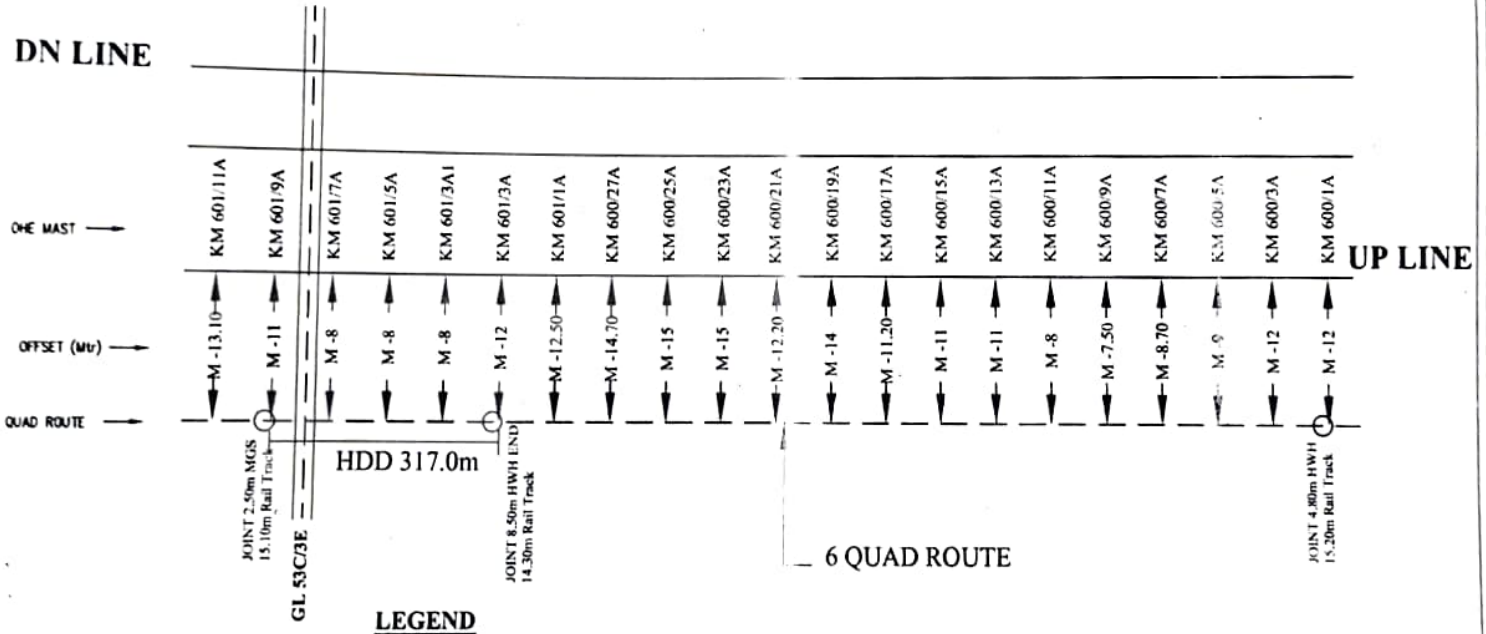
ALL OFFSET MEASUREMENT FOR 6 QUAD CABLE IS TAKEN FROM OHE MAST.

P-59/100

BABA PROJECTSPVT. LTD. RANCHI		E.C.R MUGHALSARAI DIVISION (WORKS UNIT)	APPROVED		CHECKED		6 QUAD CABLE ROUTE PLAN MGS-DOS SEC
GABRIEL	M. Shamim						
DRAWN	CHECKED		Dy CSTE/W/MGS	AS E/W/MGS	SSE/T/W/MGS	SSE/S/W/MGS	

MGS

HWH



LEGEND

1	— —	PROPOSED ROUTE	4		CULVERT	7	STATION
2	———	RAILWAY TRACK	5		LEVEL XING GATE	8	OFC HUT
3		G.I RCC PIPE	6		CABIN	9	App. Care

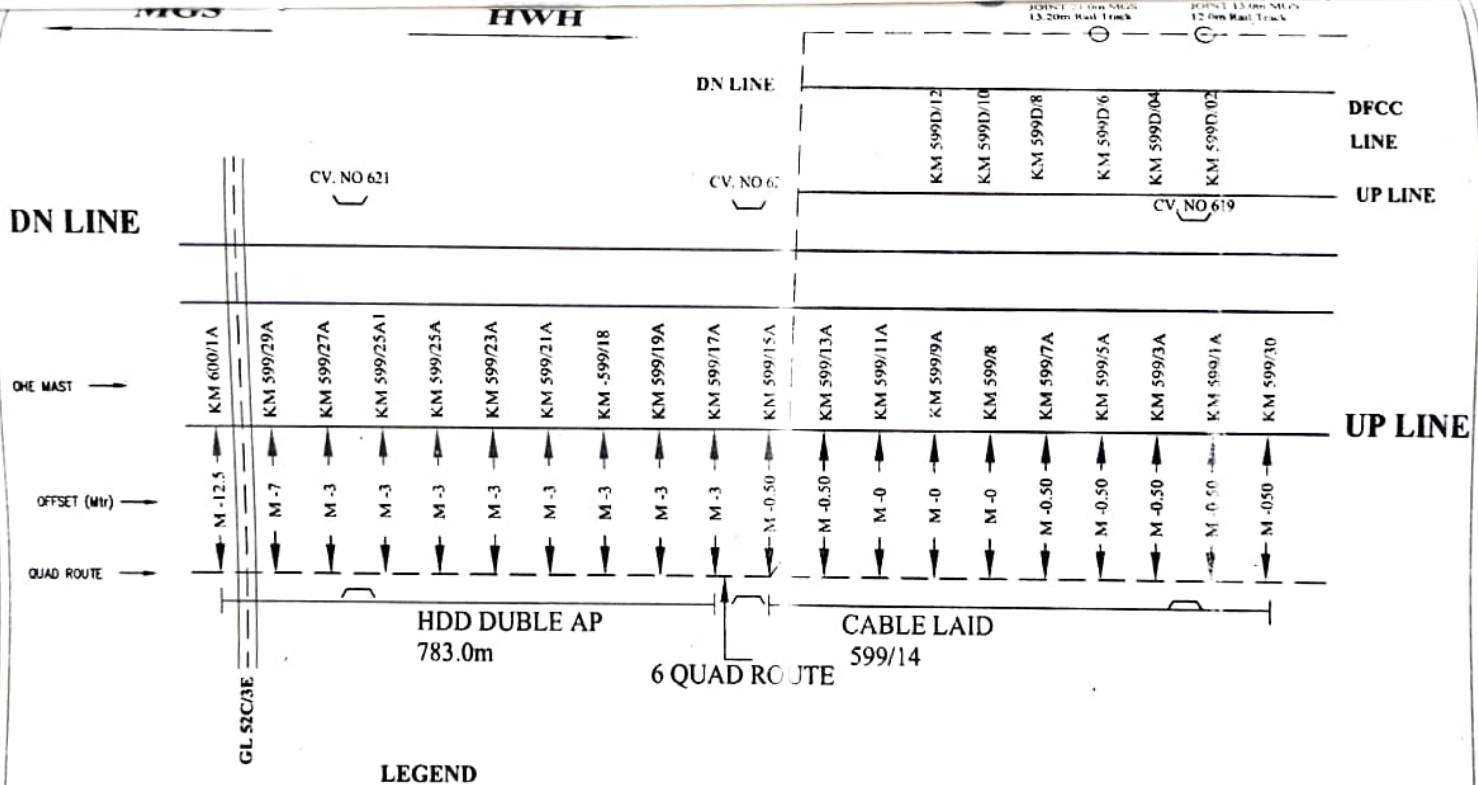
NOTE:-

ALL OFFSET MEASUREMENT FOR 6 QUAD CABLE IS TAKEN FROM OHE MAST.

P-60/100

BABA PROJECTSPVT. LTD. RANCHI		E.C.R MUGHALSARAI DIVISION (WORKS UNIT)	APPROVED	CHECKED			6 QUAD CABLE ROUTE PLAN MGS-DOS SEC
GABRIEL	M. Shamsam						
DRAWN	CHECKED		Dy CSTE/W/MGS	A TE/W/MGS	SSE/T/W/MGS	SSE/S/W/MGS	

MGS HWH



LEGEND

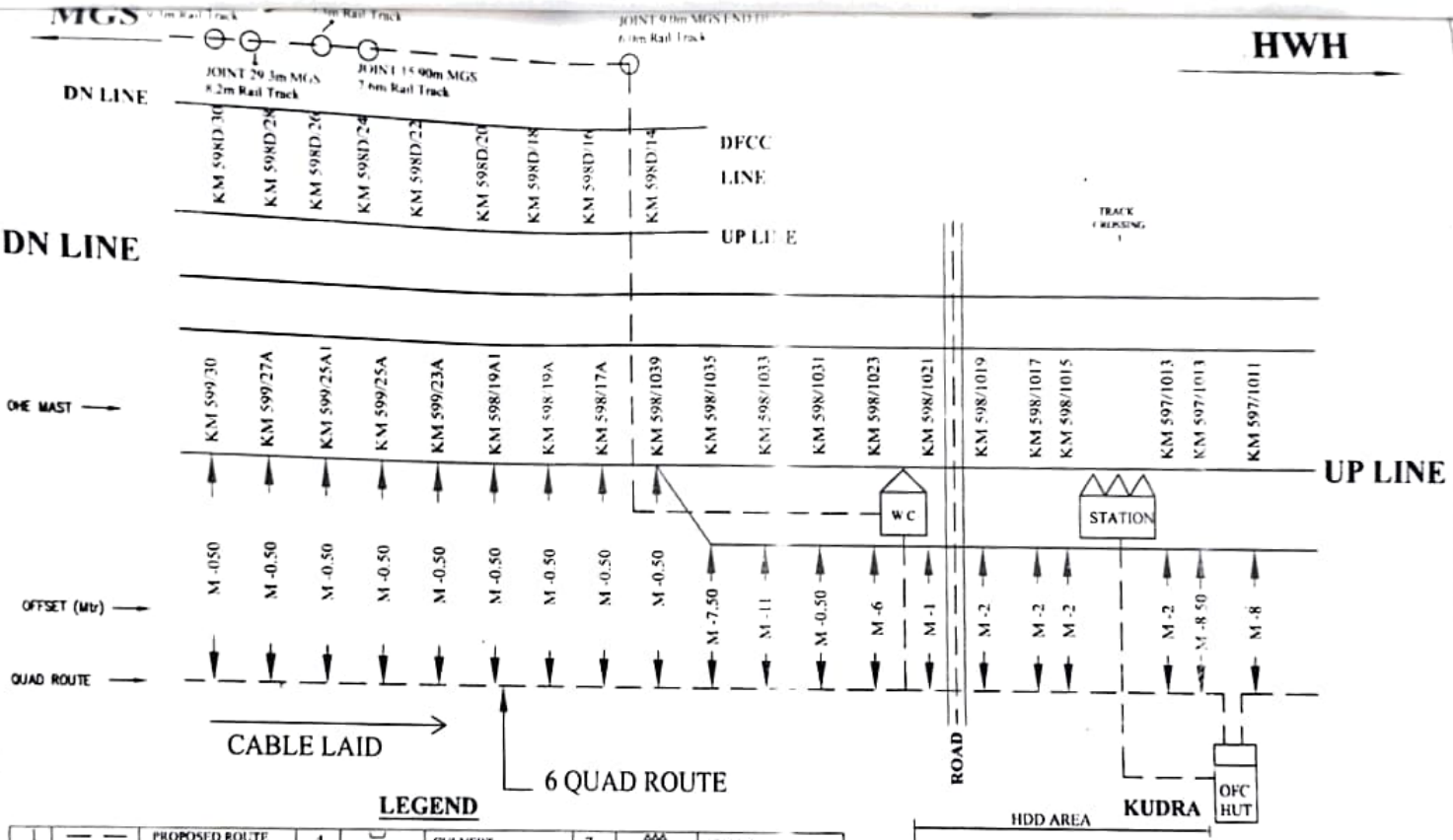
1	PROPOSED ROUTE	4	CULVERT	7		STATION	
2	RAILWAY TRACK	5	LEVEL XING GATE	8		OFC HUT	
3	G.I/RCC PIPE	6	CABIN	9		App. Care	

NOTE:-

ALL OFFSET MEASUREMENT FOR 6 QUAD CABLE IS TAKEN FROM OHE MAST.

P-61/100

BABA PROJECTSPVT. LTD. RANCHI		E.C.R MUGHALSARAI DIVISION (WORKS UNIT)	APPROVED	CHECKED			6 QUAD CABLE ROUTE PLAN MGS-DOS SEC
GABRIEL	M.Ghosh						
DRAWN	CHECKED		Dy CSTE/W/MGS	A.CSTE/W/MGS	SSE/T/W/MGS	SSE/S/W/MGS	



LEGEND

1	PROPOSED ROUTE	4	CULVERT	7		STATION
2	RAILWAY TRACK	5	LEVEL XING GATE	8		OFC HUT
3	DFCC PIPE	6	CABIN	9		App. Cate

NOTE:-

ALL OFFSET MEASUREMENT FOR 6 QUAD CABLE IS TAKEN FROM OHE MAST.

P-62/100

BABA PROJECTSPVT. LTD. RANCHI		E.C.R MUGHALSARAI DIVISION (WORKS UNIT)	APPROVED		CHECKED		6 QUAD CABLE ROUTE PLAN MGS-DOS SEC
GABRIEL	M. Sharmeen						
DRAWN	CHECKED		Dy CSTE/W/MGS	AS[illegible]E/W/MGS	SSE/T/W/MGS	SSE/S/W/MGS	

PSE(E/C) - KTQ(W/C)

Sec - PSE - KTQ, 6 Quad Cable Testing, dt. 23.12.15

...ad	Pair	L1 E(MΩ)	L2 E(MΩ)	L1 L2(MΩ)	Loop Res.	Unit Armour
...Qd ...1	Ist(L1,L2)	100	100	100	481Ω	100 MΩ Buzzer is sounding
	2nd(L3,L4)	100	100	100	482Ω	
...Qd ...2	3rd(L5 L6)	100	100	100	481Ω	
	4th(L7 L8)	100	100	100	480Ω	
...Qd ...3	5th(L9,L10)	100	100	100	481Ω	
	6th(L11,L12)	100	100	100	483Ω	
...Qd ...4	7th(L13,L14)	100	100	100	480Ω	
	8th(L15,L16)	100	100	100	480Ω	
...Qd ...5	9th(L17,L18)	100	100	100	482Ω	
	10th(L19,L20)	100	100	100	483Ω	
...Qd ...6	11th(L21,L22)	100	100	100	480Ω	
	12th(L23,L24)	100	100	100	482Ω	

(S VERMA)
SSE/T/W/MGS
23.12.15

Prasad
MCM/Tele
23.12.15

A.K. Singh
Tech I
KTQ
23/12/15

Krishnan
SSE/T/M(W/MGS)
23-12-15

1-2 — 482
3-4 — 484
5-6 — 482
7-8 — 482
9-10 — 483
11-12 — 486
13-14 — 483
15-16 — 482
17-18 — 485
19-20 — 486
21-22 — 483
23-24 — 485

Megger Core to Earth

1 - 100Ω
2 - 100MΩ
3 - 100Ω
4 - 100Ω
5 - 100Ω
6 - 100Ω
7 - 100Ω
8 - 100Ω
9 - 100Ω
10 - 100Ω
11 - 100Ω
12 - 100Ω
13 - 100Ω
14 - 100Ω
15 - 100Ω
16 - 100Ω
17 - 100Ω
18 - 100Ω
19 - 100Ω
20 - 100Ω
21 - 100Ω
22 - 100Ω
23 - 100Ω
24 - 100Ω

Megger Core to Core

1 - 2 — 100Ω
3 - 4 — 100Ω
5 - 6 — 100Ω
7 - 8 — 100Ω
9 - 10 — 100Ω
11 - 12 — 100Ω
13 - 14 — 100Ω
15 - 16 — 100Ω
17 - 18 — 100Ω
19 - 20 — 100Ω
21 - 22 — 100Ω
23 - 24 — 100Ω

S.S.G/TI/MW/SBU
5-12-15

S.P. Srivastava
JE/Sig/W

6 Qd Cable tested Cond to Cond 100MΩ & Cond to Earth 100MΩ — accept Core No (2) having 0.5MΩ

S.S.G/TI/MW
10-12-15

JE/Sig

SSE/Sig/W
10/12/15