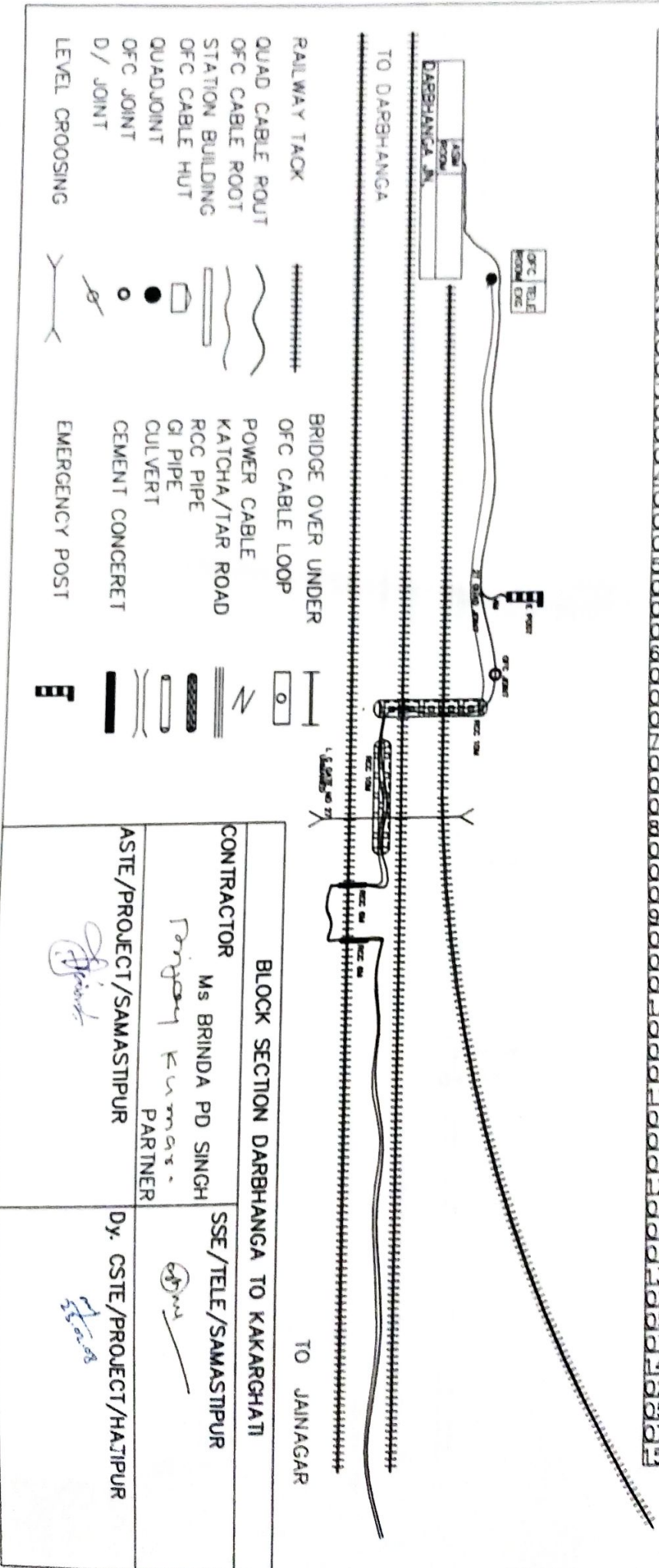


FINAL CABLE ROOT PLAN
DARBHANGA TO JAINAGAR
CA NO: - ECR/S&T/CA - 38

FINAL CABAL ROOT PLAN SECTION - DARBHANGA TO JAINAGAR (E. C. RAILWAY HATIPUR)

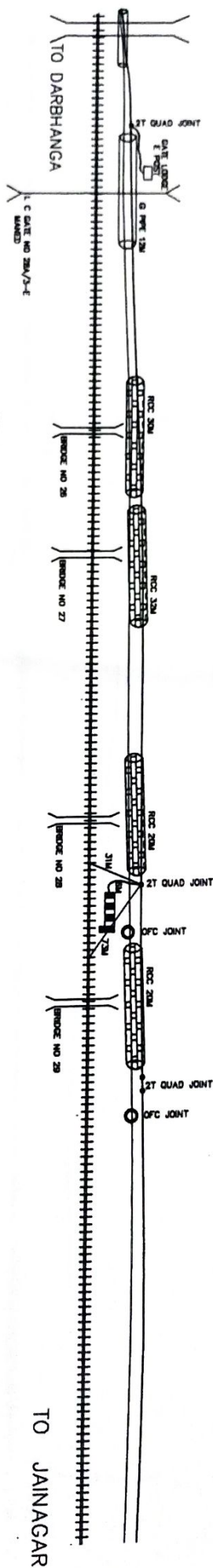
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K.M	OFC QUAD FROM TRAC DISTANCE	RLY BOUN - DRY
0/000		80M
025	20M	80M
050	21M	80M
075	25M	80M
100	030M	80M
025	32M	80M
050	33.3M	80M
075	33.3M	80M
200	36M	80M
025	35.3M	80M
050	34M	80M
075	34.8M	80M
300	35M	80M
025	30M	80M
050	28M	80M
075	27.4M	80M
400	32M	80M
025	3M	80M
050	3.2	80M
075	3.1M	80M
500	5M	80M
025	3.3M	80M
050	3M	80M
075	4M	80M
600	5M	80M
025	2.5M	80M
050	.80M	80M
075	.80M	80M
700	1.5M	80M
025	.75M	80M
050	.80M	80M
075	.95M	80M
800	1.5M	80M
025	1M	80M
050	1.25M	80M
075	1.35M	80M
900	2.5M	80M
025	1.5M	80M
050	1.5M	80M
075	1.7M	80M
1.00 KM	2M	80M
025	1.5M	80M
050	1.8M	80M
075	2M	80M
1100	3M	80M
025	2.5M	80M
050	2M	80M
075	2M	80M
1200	3M	80M
025	2M	80M
050	1.9M	80M
075	1.9M	80M
1300	3M	80M
025	1.5M	80M
050	1.8M	80M
075	2M	80M
1400	3M	80M
025	2M	80M
050	.45M	80M
075	.55M	80M
1500	1M	80M



BLOCK SECTION DARBHANGA TO KAKARGHAT	
CONTRACTOR Ms BRINDA PD SINGH Partner	SSE/TELE/SAMASTIPUR
ASTE/PROJECT/SAMASTIPUR	Dy. CSTE/PROJECT/HATIPUR

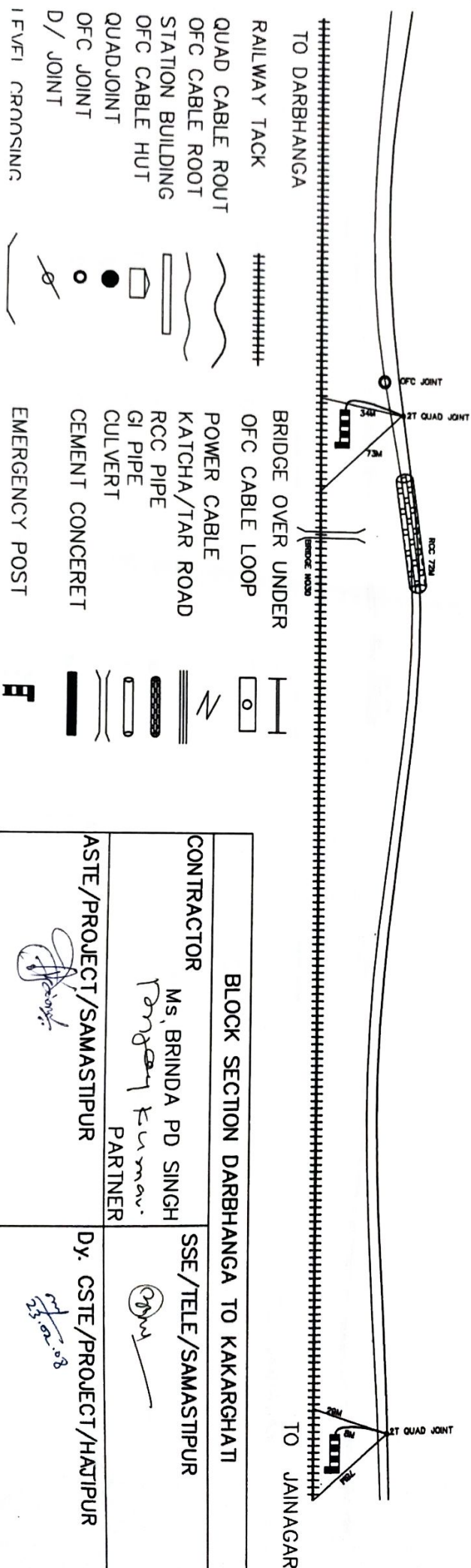
K.M	OFC QUAD FROM TRAC DISTANCE	RLY BOUN - DRY
0/000		20M
025	6M	10M
050	6.2M	10M
075	6.5M	10M
1600	7M	10M
025	6M	10M
050	7M	10M
075	7.3M	10M
1700	6M	10M
025	6.5M	10M
050	6M	10M
075	6.1M	10M
1800	6M	10M
025	6.2M	10M
050	6M	10M
075	6.8M	10M
1900	5.5M	10M
025	6M	10M
050	5.9M	10M
075	5.4M	10M
2.00KM	5M	10M
025	5.2M	10M
050	4.8M	10M
075	4.6M	10M
2100	4.5M	10M
025	5M	10M
050	5.1M	10M
075	5.2M	10M
2200	5M	10M
025	5.1M	10M
050	5M	10M
075	5M	10M
2300	5M	10M
025	4.7M	10M
050	4.6M	10M
075	4.4M	10M
2400	4.5M	10M
025	5M	10M
050	4.9M	10M
075	4.3M	10M
2500	4M	10M
025	4.3M	10M
050	4.8M	10M
075	5M	10M
2600	5M	10M
025	5.2M	10M
050	5.8M	10M
075	6M	10M
2700	6M	10M
025	6.2M	10M
050	6.5M	10M
075	6M	10M
2800	5M	10M
025	5.1M	10M
050	5M	10M
075	5M	10M
2900	5M	10M
025	5.2M	10M
050	5M	10M
075	5.3M	10M
3.00KM	5.5M	10M



RAILWAY TRACK	+++++	BRIDGE OVER UNDER
QUAD CABLE ROUT	~~~~~	OFC CABLE LOOP
OFC CABLE ROOT	~~~~~	POWER CABLE
STATION BUILDING	▬	KATCHA/TAR ROAD
OFC CABLE HUT	⌢	RCC PIPE
QUADJOINT	●	GI PIPE
OFC JOINT	●	CULVERT
D/ JOINT	⊗	CEMENT CONCERET
LEVEL CROSSING	⌢	EMERGENCY POST

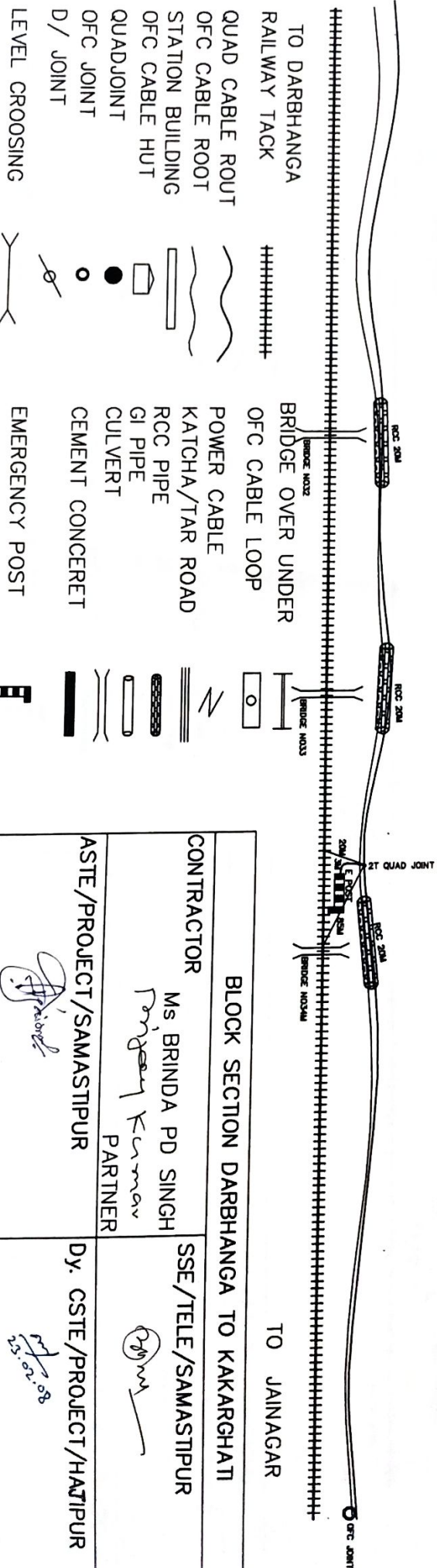
BLOCK SECTION DARBHANGA TO KAKARGHATI	
CONTRACTOR MS. BRINDA PD SINGH Partner Kumar.	SSE/TELE/SAMASTIPUR 
ASTE/PROJECT/SAMASTIPUR 	Dy. CSTE/PROJECT/HATIPUR 

K.M	OFC QUAD FROM TRAC DISTANCE	RLY BOUN-DRY
0/000		10M
025	5.8M	10M
050	5.7M	10M
075	6M	10M
3100	6M	10M
025	5.5M	10M
050	5.8M	10M
3200	6M	10M
200	6M	10M
025	6.2M	10M
050	5.9M	10M
075	5.8M	10M
3300	6M	10M
025	6.1M	10M
050	6.3M	10M
075	6.5M	10M
3400	7M	10M
025	7M	10M
050	7.3M	10M
075	7M	10M
3500	7M	10M
025	7.2M	10M
050	6.8M	10M
075	6.5M	10M
3600	7.5M	10M
025	6.4M	10M
050	6.2M	10M
075	6M	10M
3700	6M	10M
025	6.2M	10M
050	6M	10M
075	6.1M	10M
3800	6.5M	10M
025	6.3M	10M
050	5.9M	10M
075	5.8M	10M
3900	5M	10M
025	5.2M	10M
050	5M	10M
075	5.1M	10M
4.00KM	5.5M	10M
025	5.4M	10M
050	5.9M	10M
075	5.8M	10M
4100	6M	10M
025	6.2M	10M
050	6M	10M
075	6.1M	10M
4200	6M	10M
025	6.1M	10M
050	5.9M	10M
075	5.4	10M
4300	5M	10M
025	5.3M	10M
050	4.9M	10M
075	4.7M	10M
4400	4M	10M
025	4.3M	10M
050	4.2M	10M
075	4M	10M
4500	4.5M	10M



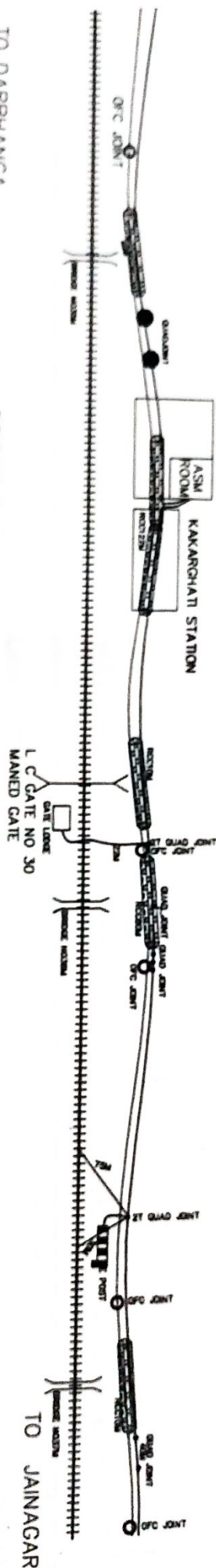
FINAL CABAL ROOT PLAN SECTION -DARBHANGA TO JAINAGAR (E. C. RAILWAY HATIPUR)

K.M	OFC QUAD FROM TRAC DISTANCE	RLY BOUN-DRY
0/000		8M
025	4M	8M
050	4M	8M
075	4.2M	8M
4600	4M	8M
025	4.3M	8M
050	4.5M	8M
075	4.6M	8M
4700	4.5M	8M
025	5.1M	8M
050	5.2M	8M
075	5M	8M
4800	5M	8M
025	5M	8M
050	5.2M	8M
075	5.2M	8M
4900	3.5M	8M
025	5.5M	8M
050	5M	8M
075	4.5M	8M
5.00KM	3.5M	8M
025	4M	8M
050	4.5M	8M
075	4.5M	8M
5100	4M	8M
025	4.2M	8M
050	4.3M	8M
075	4M	8M
5200	4M	8M
025	4M	8M
050	4.2M	8M
075	4.1M	8M
5300	3.5M	8M
025	4.5M	8M
050	4M	8M
075	4.9M	8M
5400	5M	8M
025	5.2M	8M
050	4.5M	8M
075	4M	8M
5500	3M	8M
025	3.5M	8M
050	3.2M	8M
075	3.5M	8M
5600	4M	8M
025	4.3M	10M
050	4.5M	10M
075	4.6M	10M
5700	3.5M	10M
025	4M	10M
050	4M	10M
075	4.2M	10M
5800	4.5M	10M
025	4.1M	10M
050	4.3M	10M
075	4.1M	10M
5900	4M	10M
025	4.2M	10M
050	4M	10M
075	4M	10M
6.00KM	4.2M	10M

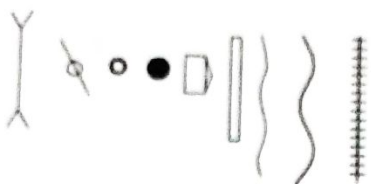


BLOCK SECTION DARBHANGA TO KAKARGHAT			
CONTRACTOR		SSE/TELE/SAMASTIPUR	
Ms BRINDA PD SINGH Partner			
ASTE/PROJECT/SAMASTIPUR		Dy. CSTE/PROJECT/HATIPUR	
			

K.M	OFC QUAD FROM TRAC DISTANCE	RLY BOUN- DRY
0/000		10M
025	4M	10M
050	4.2M	10M
075	4M	10M
100	3.8M	10M
125	4M	10M
150	4.1M	10M
175	3.9M	10M
200	3.9M	10M
225	4M	10M
250	4.1M	10M
275	4.3M	10M
300	4.2M	10M
325	4M	10M
350	4.1M	10M
375	4.2M	10M
400	4M	10M
425	4.1M	10M
450	4.2M	10M
475	4.3M	10M
500	3.8M	10M
525	4M	10M
550	4.1M	10M
575	4.3M	10M
600	4.4M	10M
625	4.5MM	25M
650	4.8M	25M
675	4.9M	25M
700	5M	25M
725	5.2M	25M
750	5M	25M
775	5M	25M
800	15M	25M
825	15.5	25M
850	16M	25M
875	17.1M	25M
900	18.2M	25M
925	18.5	25M
950	18M	25M
975	17.6M	25M
1000KM	17.2M	25M
1025	17M	25M
1050	17.1M	25M
1075	17M	25M
1100	16.5M	25M
1125	16.2M	25M
1150	16.3M	25M
1175	16M	25M
1200	15.5M	25M
1225	15M	25M
1250	15M	25M
1275	15.1M	25M
1300	14M	25M
1325	14.5M	25M
1350	15M	25M
1375	15M	25M
1400	15M	25M
1425	15.1M	25M
1450	14.9M	25M
1475	14.3M	25M
1500	14.5M	25M



TO DARBHANGA
RAILWAY TRACK
QUAD CABLE ROUT
OFC CABLE ROOT
STATION BUILDING
OFC CABLE HUT
QUADJOINT
OFC JOINT
D/ JOINT
LEVEL CROSSING



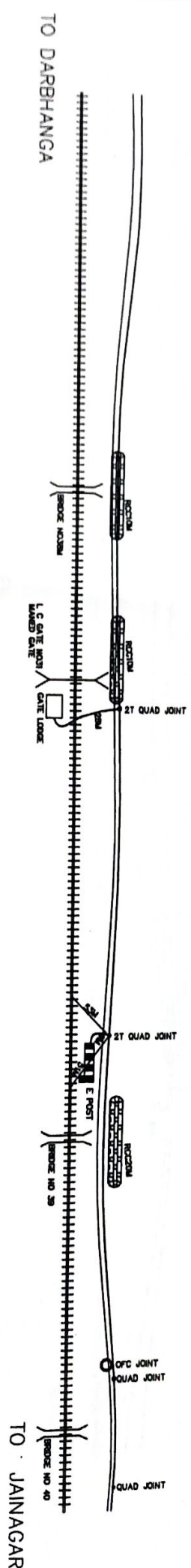
BRIDGE OVER UNDER
OFC CABLE LOOP
POWER CABLE
KATCHA/TAR ROAD
RCC PIPE
GI PIPE
CEMENT CONCERET
CULVERT
EMERGENCY POST



BLOCK SECTION KAKARGHATI TO TARSARAI	
CONTRACTOR	Ms BRINDA PD SINGH Partner
ASTE/PROJECT/SAMASTIPUR	DY. CSTE/PROJECT/HATIPUR

FINAL CABAL ROOT PLAN SECTION - DARBHANGA TO JAINAGAR (E. C. RAILWAY HATIPUR)

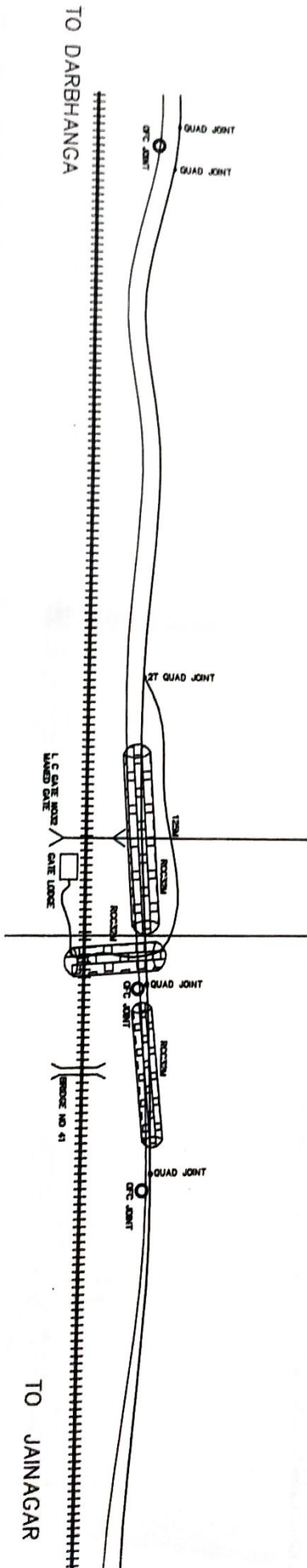
K.M	OFC QUAD FROM TRAC DISTANCE	RLY BOUN-DRY
0/000		25M
025	17.5M	25M
050	17M	25M
075	17.7M	25M
7600	18M	25M
025	18.2M	25M
050	17.8M	25M
075	17M	25M
7700	16M	25M
025	17M	25M
050	16M	25M
075	16.5	25M
7800	16M	25M
025	16.2M	25M
050	16.5M	25M
075	16.6M	25M
7900	15M	25M
025	15.1M	25M
050	15M	25M
075	14M	25M
8.00KM	13M	25M
025	14M	25M
050	12M	25M
075	11.5M	25M
8100	11M	25M
025	11.5M	25M
050	11M	25M
075	11.2M	25M
8200	12M	25M
025	12.2M	25M
050	12.5	25M
075	12.9M	25M
8300	13M	25M
025	13.2M	25M
050	13.5M	25M
075	11M	25M
8400	10M	25M
025	10.5M	25M
050	11M	25M
075	11.2M	25M
8500	11M	25M
025	10.9M	25M
050	10.5M	25M
075	10M	25M
8600	10M	25M
025	10M	25M
050	10.1M	25M
075	10M	25M
8700	12M	25M
025	11M	25M
050	12M	25M
075	13M	25M
8800	13M	25M
025	13.5M	25M
050	14M	25M
075	14.1M	25M
8900	14M	25M
025	14.2M	25M
050	15M	25M
075	15M	25M
9.00KM	16M	25M



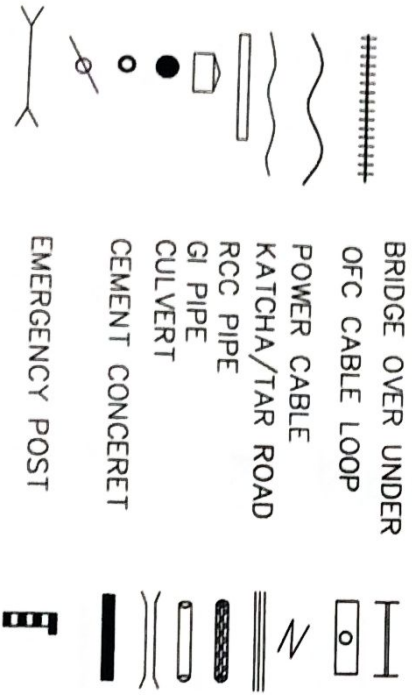
- RAILWAY TACK
- QUAD CABLE ROUT
- OFC CABLE ROOT
- STATION BUILDING
- OFC CABLE HUT
- QUADJOINT
- OFC JOINT
- D/ JOINT
- LEVEL CROSSING
- BRIDGE OVER UNDER
- OFC CABLE LOOP
- POWER CABLE
- KATCHA/TAR ROAD
- RCC PIPE
- GI PIPE
- CULVERT
- CEMENT CONCRET
- EMERGENCY POST

BLOCK SECTION KAKARGHAT TO TARSARAI	
CONTRACTOR	SSE/TELE/SAMASTPUR
Ms BRINDA PD SINGH	
Partner	
ASTE/PROJECT/SAMASTPUR	Dy. CSTE/PROJECT/HATIPUR

K.M	OFC QUAD FROM TRAC DISTANCE	RLY BOUN-DRY
9.00KM		25M
025	10M	25M
050	10.5M	25M
075	10.2M	25M
9100	11M	25M
025	11.2M	25M
050	11.5M	25M
075	11.2M	25M
9200	12M	25M
025	11M	25M
050	12M	25M
075	12.1M	25M
9300	11M	25M
025	11M	25M
050	11.2M	25M
075	11.5M	25M
9400	12M	25M
025	12.1M	25M
050	12.5M	25M
075	12.8M	25M
9500	13M	25M
025	13.1M	25M
050	13M	25M
075	12M	25M
9600	12M	25M
025	11.5M	25M
050	12M	25M
075	11.8M	25M
9700	11M	25M
025	11.2M	25M
050	11M	25M
075	10M	25M
9800	9M	25M
025	8.6M	25M
050	8M	25M
075	8.1M	25M
9900	8M	25M
025	8M	25M
050	7.5M	25M
075	7.8M	25M
10.00KM	7M	25M
025	7.1M	24M
050	9M	24M
075	11M	24M
10100	13M	24M
025	12M	24M
050	11M	24M
075	13M	24M
10200	14M	24M
025	12M	24M
050	12.5M	24M
075	12M	24M
10300	12M	24M
025	11M	24M
050	12M	24M
075	13M	24M
10400	13M	24M
025	13M	24M
050	13M	24M
075	13.2M	24M
10500	14M	24M



RAILWAY TRACK
QUAD CABLE ROUT
OFC CABLE ROOT
STATION BUILDING
OFC CABLE HUT
QUADJOINT
OFC JOINT
D/ JOINT
LEVEL CROSSING



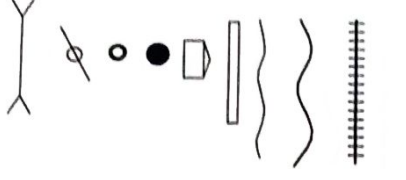
BLOCK SECTION KAKARGHAT TO TARSARAI	
CONTRACTOR	MS BRINDA PD SINGH Partner
ASTE/PROJECT/SAMASTPUR	DY. CSTE/PROJECT/HATIPUR

FINAL CABAL ROOT PLAN SECTION - DARBHANGA TO JAINAGAR (E. C. RAILWAY HATIPUR)

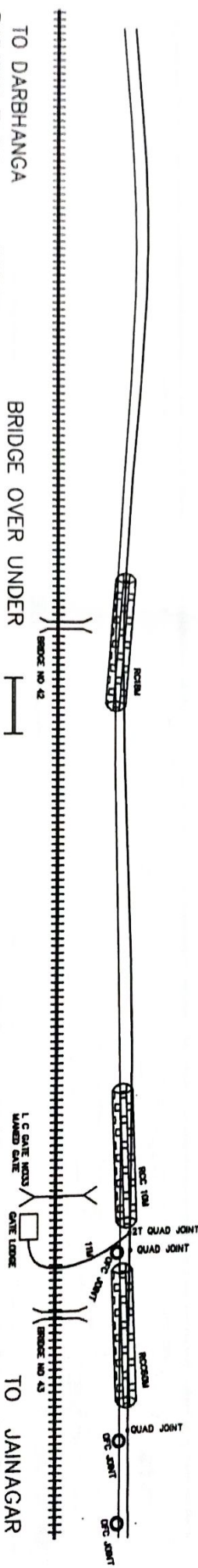
PAGE - 8

K.M	OFC QUAD FROM TRAC DISTANCE	RLY BOUN-DRY
0/000		24M
025	15.5M	24M
050	15M	24M
075	16M	24M
10600	16M	24M
025	16.1M	24M
050	16M	24M
075	16.5M	24M
10700	17M	24M
025	17M	24M
050	16.5M	24M
075	16M	24M
10800	15M	24M
025	15.5M	24M
050	15M	24M
075	15.5M	24M
10900	16M	24M
025	16M	24M
050	16.2M	24M
075	15.5M	24M
11.00KM	15M	20M
025	15M	20M
050	15.5M	20M
075	16M	20M
11100	17M	20M
025	17.5M	20M
050	17M	20M
075	16M	20M
11200	15M	20M
025	15M	20M
050	16M	20M
075	16.5M	20M
11300	16M	20M
025	16.5M	20M
050	17.1M	20M
075	17.2M	20M
11400	17M	20M
025	17M	20M
050	16.5M	20M
075	17M	20M
11500	16M	20M
025	16.5M	20M
050	16.1M	20M
075	16.5M	20M
11600	16M	20M
025	16M	20M
050	16.1M	20M
075	16M	20M
11700	15M	20M
025	15.1M	20M
050	15M	20M
075	15.5M	20M
11800	13M	20M
025	14M	20M
050	14.5M	20M
075	14M	20M
11900	14M	20M
025	14.2M	20M
050	14.5M	20M
075	14.8M	20M
12.00KM	15M	20M

TO DARBHANGA
RAILWAY TACK
QUAD CABLE ROUT
OFC CABLE ROOT
STATION BUILDING
OFC CABLE HUT
QUADJOINT
OFC JOINT
D/ JOINT
LEVEL CROSSING



BRIDGE OVER UNDER
OFC CABLE LOOP
POWER CABLE
KATCHA/TAR ROAD
RCC PIPE
GI PIPE
CULVERT
CEMENT CONCERET
EMERGENCY POST



BLOCK SECTION KAKARGHATI TO TARSARAI	
CONTRACTOR Ms BRINDA PD SINGH Partner	SSE/TELE/SAMASTIPUR
ASTE/PROJECT/SAMASTIPUR	DY. CSTE/PROJECT/HATIPUR

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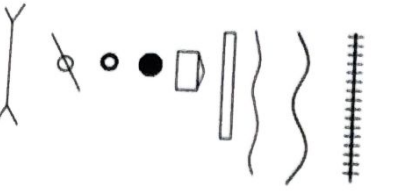
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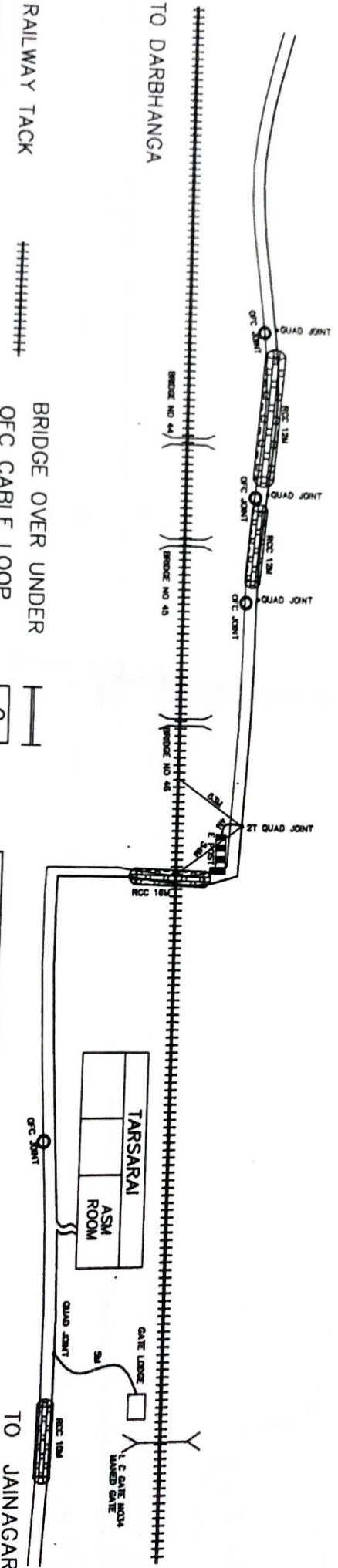
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K.M	OFC QUAD FROM TRAC DISTANCE	RLY BOUN- DRY
12000		20M
025	15.5M	20M
050	16M	20M
075	16.1M	20M
12100	16M	20M
025	16.2M	20M
050	16.5M	20M
075	17M	20M
12200	17M	20M
025	17M	20M
050	17.2M	20M
075	17.1M	20M
12300	20M	20M
025	19M	20M
050	19.5M	20M
075	19M	20M
12400	18M	30M
025	18.5M	30M
050	18M	30M
075	18.5M	30M
12500	19M	30M
025	19.5M	30M
050	19M	30M
075	18M	30M
12600	18M	30M
025	18M	30M
050	18.2M	30M
075	19.5M	30M
12700	20M	50M
025	20.5M	50M
050	21.3M	50M
075	23M	50M
12800	26M	50M
025	25M	50M
050	25M	50M
075	24M	50M
12900	25M	50M
025	25.5M	50M
050	26M	50M
075	27M	50M
1300KM	27M	50M
025	27M	50M
050	25M	50M
075	25M	50M
13100	25M	50M
025	26M	50M
050	23M	50M
075	15M	50M
13200	13M	50M
025	9M	50M
050	7M	50M
075	6M	50M
13300	5M	50M
025	4M	50M
050	6M	50M
075	7M	50M
13400	8M	20M
025	6.5M	20M
050	6M	20M
075	5.5M	20M
13500	5M	20M

RAILWAY TACK
 QUAD CABLE ROUT
 OFC CABLE ROOT
 STATION BUILDING
 OFC CABLE HUT
 QUADJOINT
 OFC JOINT
 D/ JOINT
 LEVEL CROSSING



BRIDGE OVER UNDER
 OFC CABLE LOOP
 POWER CABLE
 KATCHA/TAR ROAD
 RCC PIPE
 GI PIPE
 CULVERT
 CEMENT CONCRET
 EMERGENCY POST



BLOCK SECTION KAKARGHAT TO TARSARAI	
CONTRACTOR	MS BRINDA PD SINGH
ASTE/PROJECT/SAMASTIPUR	Partner
SSE/TELE/SAMASTIPUR	
Dy. CSTE/PROJECT/HATIPUR	

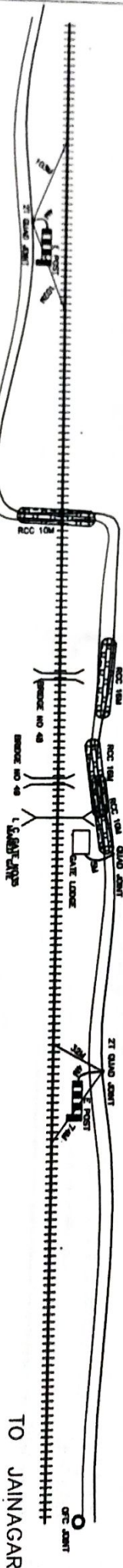
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K.M	OFC QUAD FROM TRAC DISTANCE	RLY BOUN-DRY
13500		20M
025	5M	20M
050	5.5M	20M
075	6M	20M
13600	6M	10M
025	5.5M	10M
050	5M	10M
075	5.1M	10M
13700	5M	10M
025	5.2M	10M
050	6M	10M
075	6M	10M
13800	6M	10M
025	6.5M	10M
050	4M	10M
075	4.5M	10M
13900	3M	10M
025	3.5M	10M
050	3M	10M
075	3.5M	10M
1400KM	4M	10M
025	4.5M	10M
050	7M	10M
075	9M	10M
14100	12M	10M
025	11M	10M
050	12M	10M
075	11M	10M
14200	12M	10M
025	12.1M	10M
050	12M	10M
075	7M	10M
14300	3M	10M
025	4M	10M
050	4.5M	10M
075	4.8M	10M
14400	4M	10M
025	4M	10M
050	4.5M	10M
075	4.2M	10M
14500	4M	10M
025	4M	10M
050	4.5M	10M
075	4.8M	10M
14600	5M	10M
025	5M	10M
050	5.2M	10M
075	4.5M	10M
14700	4M	12M
025	4M	12M
050	4.1M	12M
075	4.3M	12M
14800	5M	12M
025	4.5M	12M
050	8M	12M
075	8.1M	12M
14900	9M	12M
025	9.3M	12M
050	9.5M	12M
075	9M	12M
15.00KM	9M	12M

RAILWAY TRACK
 QUAD CABLE ROUT
 OFC CABLE ROOT
 STATION BUILDING
 OFC CABLE HUT
 QUADJOINT
 OFC JOINT
 D/ JOINT
 LEVEL PROPOSING

BRIDGE OVER UNDER
 OFC CABLE LOOP
 POWER CABLE
 KATCHA/TAR ROAD
 RCC PIPE
 GI PIPE
 CULVERT
 CEMENT CONCRET
 EMERGENCY POST



BLOCK SECTION TARSARAI TO SAKRI	
CONTRACTOR	SSE/TELE/SAMASTIPUR
M/s BRINDA PD SINGH Partner	
ASTE/PROJECT/SAMASTIPUR	Dy. CSTE/PROJECT/HATIPUR

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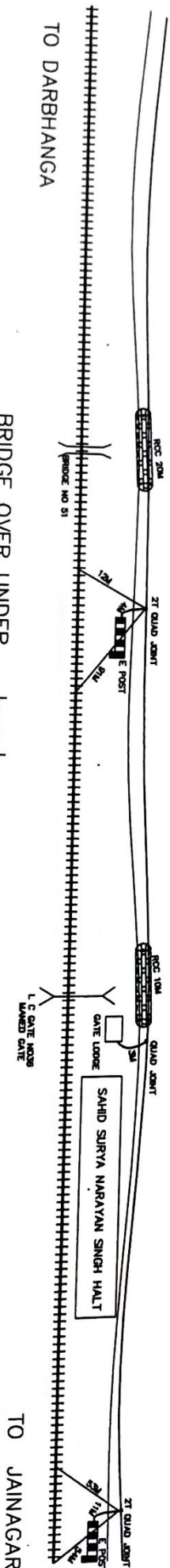
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21.01.08

FINAL CABAL ROOT PLAN SECTION - DARBHANGA TO JAINAGAR (E. C. RAILWAY HATIPUR)

PAGE - 1

K.M	OFC QUAD FROM TRAC DISTANCE	RLY BOUN-DRY
15.0 KM		12M
025	9.3M	12M
050	9M	12M
075	9.5M	12M
15100	10M	12M
025	10M	12M
050	10.5M	12M
075	10M	12M
15200	9M	12M
025	9M	12M
050	9.2M	12M
075	9M	12M
15300	10M	12M
025	9.1M	12M
050	8.5M	12M
075	8M	12M
15400	8M	12M
025	8.3M	12M
050	8.1M	12M
075	8.5M	12M
15500	10M	12M
025	10M	12M
050	10.1M	12M
075	9.5M	12M
15600	10M	12M
025	8.6M	12M
050	8M	12M
075	7M	12M
15700	5M	12M
025	6M	12M
050	6.5M	12M
075	7M	12M
15800	7M	12M
025	7.5M	15M
050	7M	15M
075	5M	15M
15900	4M	15M
025	5M	15M
050	10M	15M
075	13M	15M
16.00KM	18M	20M
025	17M	20M
050	16M	20M
075	15.8M	20M
16100	15M	20M
025	15M	20M
050	14M	20M
075	11M	20M
16200	10M	14M
025	11M	14M
050	10M	14M
075	11M	14M
16300	12M	14M
025	12M	14M
050	12M	14M
075	13M	14M
16400	13M	14M
025	13.5M	14M
050	13.2M	14M
075	13.8M	14M
16500	13M	14M



RAILWAY TACK

QUAD CABLE ROUT

OFC CABLE ROUT

STATION BUILDING

OFC CABLE HUT

QUADJOINT

OFC JOINT

D/ JOINT

LEVEL CROSSING

BRIDGE OVER UNDER

OFC CABLE LOOP

POWER CABLE

KATCHA/TAR ROAD

RCC PIPE

GI PIPE

CULVERT

CEMENT CONCRET

EMERGENCY POST

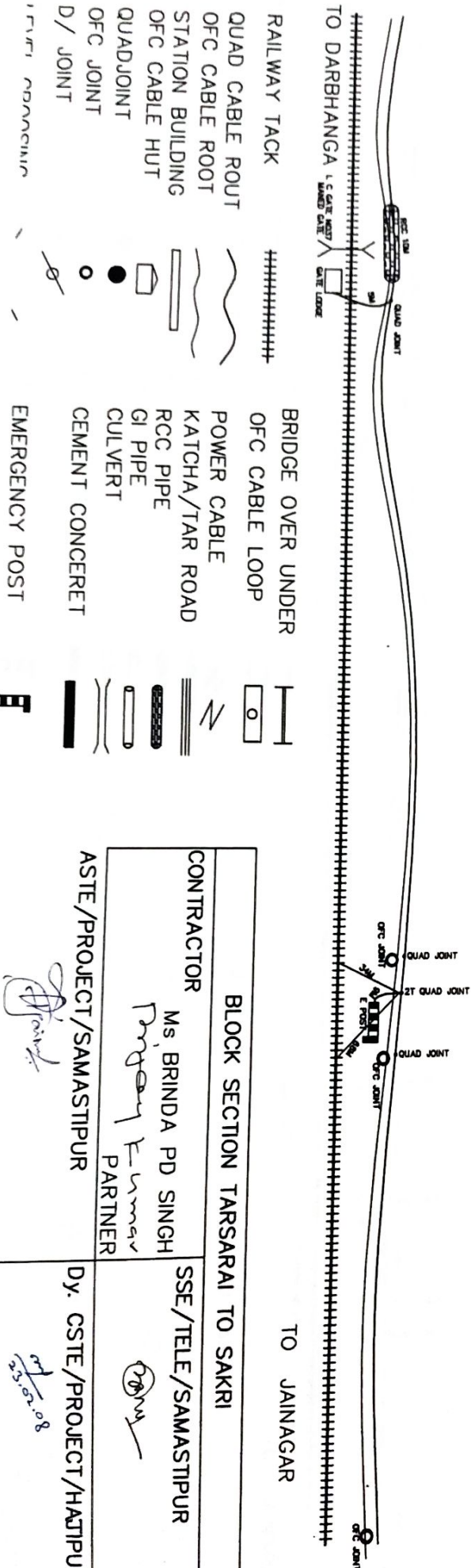
BLOCK SECTION TARSARAI TO SAKRI	
CONTRACTOR	SSE/TELE/SAMASTIPUR
Ms BRINDA PD SINGH	
Partner	
ASTE/PROJECT/SAMASTIPUR	Dy. CSTE/PROJECT/HATIPUR

23-02-08

FINAL CABAL ROOT PLAN SECTION - DARBHANGA TO JAINAGAR (E. C. RAILWAY HATPUR)

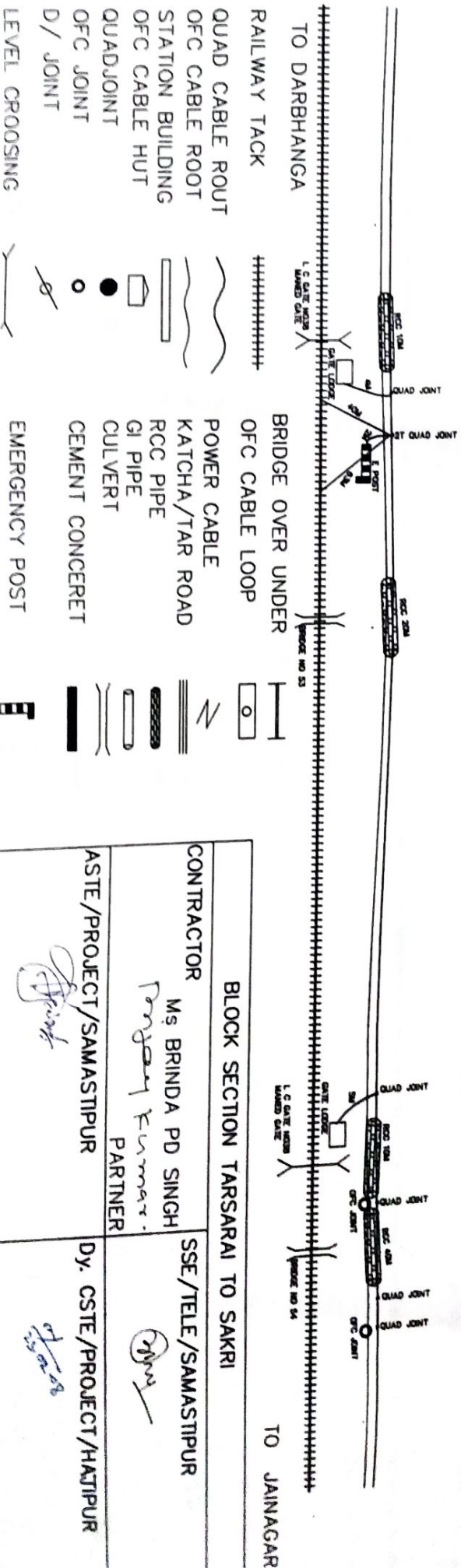
PAGE - 12

K.M	OFC QUAD FROM TRAC DISTANCE	RLY BOUN- DRY
16500		14M
025	10M	14M
050	11M	14M
075	12M	14M
16600	12M	14M
025	13M	14M
050	13.5M	14M
075	13M	14M
16700	14M	15M
025	14M	15M
050	14.2M	15M
075	14.5M	15M
16800	15M	15M
025	14.8M	15M
050	14.5M	15M
075	14M	15M
16900	13M	15M
025	13M	15M
050	12M	15M
075	11M	15M
17.00KM	12M	15M
025	13M	15M
050	14M	15M
075	14M	15M
17100	14M	15M
025	11M	15M
050	12M	15M
075	12.5M	15M
17200	12M	15M
025	11.6M	14M
050	11M	14M
075	11.2M	14M
17300	11M	14M
025	10.5M	14M
050	11M	14M
075	10M	14M
17400	12M	14M
025	11M	14M
050	9M	14M
075	10M	14M
17500	8.5M	10M
025	9M	10M
050	9.5M	10M
075	10M	10M
17600	9M	10M
025	9.5M	10M
050	9M	10M
075	10M	10M
17700	11M	10M
025	10.5M	10M
050	11M	10M
075	10M	10M
17800	10M	10M
025	10.5M	10M
050	10M	10M
075	9.5M	10M
17900	9M	10M
025	9.5M	10M
050	7M	10M
075	5M	10M
18.00KM	3M	10M

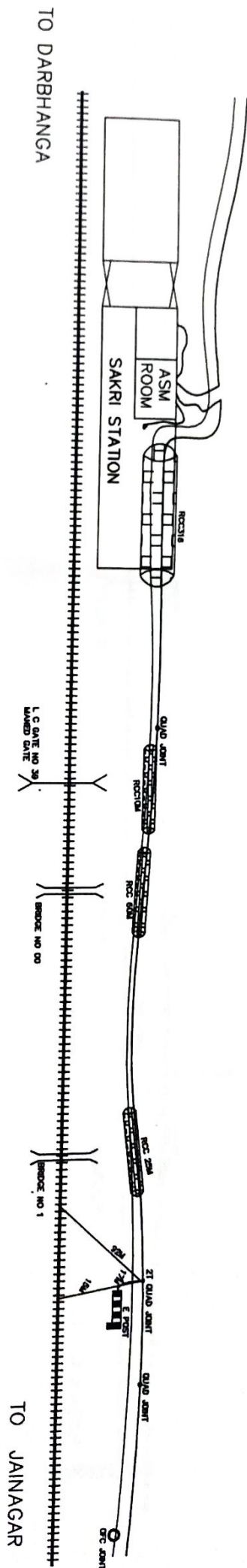


BLOCK SECTION TARSARAI TO SAKRI	
CONTRACTOR	SSE/TELE/SAMASTIPUR
Ms. BRINDA PD SINGH	
Partner	
ASTE/PROJECT/SAMASTIPUR	Dy. CSTE/PROJECT/HATPUR

K.M	OFC QUAD FROM TRAC DISTANCE	RLY BOUN- DRY
18.0 KM		10M
025	3M	10M
050	2.9M	10M
075	2.8M	10M
18100	3M	10M
025	3M	10M
050	3.5M	10M
075	4M	10M
18200	4M	10M
025	4.5M	10M
050	4M	10M
075	3.5M	10M
18300	3M	10M
025	3.2M	10M
050	3.5M	10M
075	3.1M	10M
18400	3.5M	10M
025	3.6M	10M
050	3M	10M
075	4M	10M
18500	4M	10M
025	4.5M	10M
050	4.6M	10M
075	4.8M	10M
18600	5M	10M
025	5.2M	10M
050	5.6M	10M
075	5M	10M
18700	4M	10M
025	4.5M	10M
050	4M	10M
075	4.2M	10M
18800	5M	10M
025	5.5M	10M
050	5M	10M
075	6M	10M
18900	6M	10M
025	6.2M	10M
050	6M	10M
075	6.1M	10M
19.00KM	6M	10M
025	6.2M	10M
050	6.5M	10M
075	6.3M	10M
19100	6M	10M
025	6M	10M
050	9M	10M
075	15M	10M
19200	20M	60M
025	22M	60M
050	23M	60M
075	25M	60M
19300	30M	60M
025	32M	60M
050	33M	60M
075	35M	60M
19400	35M	60M
025	35M	60M
050	35.5M	60M
075	33.5M	60M
19500	30M	60M



K.M	OFC QUAD FROM TRAC DISTANCE	RLY BOUN-DRY
19500		60M
025	26M	60M
050	25M	60M
075	28.2M	60M
19600	32M	60M
025	26M	60M
050	23M	60M
075	23M	60M
100	21.1M	60M
025	20M	60M
050	18M	60M
075	14M	60M
200	25M	60M
025	23M	60M
050	19.3M	60M
075	22M	60M
300	25M	60M
025	15M	60M
050	11M	60M
075	10.3	60M
400	12M	60M
025	9M	60M
050	6M	60M
075	8M	60M
500	12M	60M
025	13M	35M
050	11M	35M
075	12.3M	35M
600	15M	35M
025	11M	35M
050	11M	35M
075	14.1	35M
700	16M	35M
025	15.3M	35M
050	12.8	35M
075	17M	35M
800	21M	35M
025	9M	35M
050	11M	35M
075	13.2M	35M
900	15M	35M
025	17.2M	35M
050	15M	35M
075	17.3M	35M
1.0 KM	20M	35M
025	18.M	35M
050	16.5M	35M
075	17.3M	35M
1100	21M	35M
025	18.2M	35M
050	13M	35M
075	15M	35M
1200	19M	35M
025	16.5M	35M
050	15.2	35M
075	15.2M	35M
1300	18M	35M
025	12M	35M
050	14M	35M
075	14.8M	35M
1400	16M	35M
025	13M	35M
050	11M	35M
075	11M	35M
1500	14M	35M

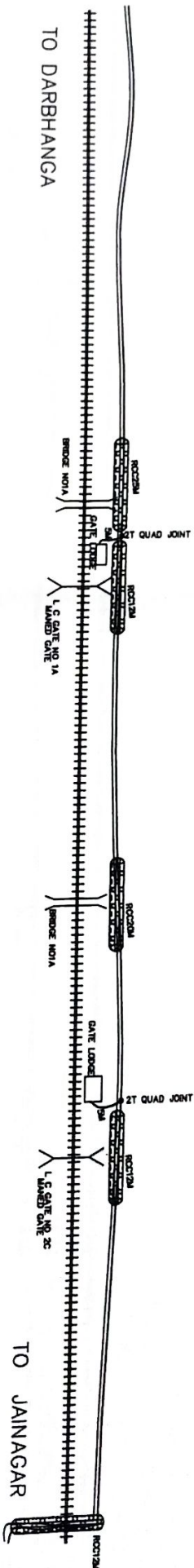


RAILWAY TACK
 QUAD CABLE ROUT
 OFC CABLE ROOT
 STATION BUILDING
 OFC CABLE HUT
 QUADJOINT
 OFC JOINT
 D/ JOINT
 LEVEL CROSSING

BRIDGE OVER UNDER
 OFC CABLE LOOP
 POWER CABLE
 KATCHA/TAR ROAD
 RCC PIPE
 GI PIPE
 CULVERT
 CEMENT CONCERET
 EMERGENCY POST

BLOCK SECTION SAKRI TO PANDAU	
CONTRACTOR	SSE/TELE/SAMASTIPUR
Ms BRINDA PD SINGH	
Partner	
ASTE/PROJECT/SAMASTIPUR	Dy. CSTE/PROJECT/HATIPUR

K.M	OFC QUAD FROM TRAC DISTANCE	10M RLY BOUN- DRY
1500		30M
025	14.5M	30M
050	14M	30M
075	13M	30M
1600	13M	30M
025	12.5M	30M
050	12M	30M
075	11.3M	30M
1700	12M	30M
025	11M	30M
050	10M	30M
075	10.5M	30M
1800	11M	30M
025	10.5M	30M
050	10M	30M
075	10.5M	30M
1900	16M	30M
025	15M	30M
050	18M	30M
075	19M	30M
2.00KM	20M	30M
025	21M	30M
050	23M	30M
075	25M	30M
2100	25M	40M
025	24M	40M
050	22M	40M
075	20M	40M
2200	18M	40M
025	21M	40M
050	20M	40M
075	19.5M	40M
2300	20M	40M
025	19M	40M
050	19.5M	40M
075	20M	40M
2400	21M	40M
025	20M	40M
050	21M	40M
075	18M	40M
2500	15M	40M
025	10M	40M
050	9.6M	40M
075	11M	40M
2600	13M	40M
025	11.2M	40M
050	10M	40M
075	8.4M	40M
2700	12M	40M
025	10.6M	40M
050	7M	40M
075	9M	40M
2800	11M	40M
025	9M	40M
050	7M	40M
075	7.3M	40M
2900	8M	40M
025	7M	40M
050	6.8M	40M
075	6.8M	40M
3.00KM	7M	40M



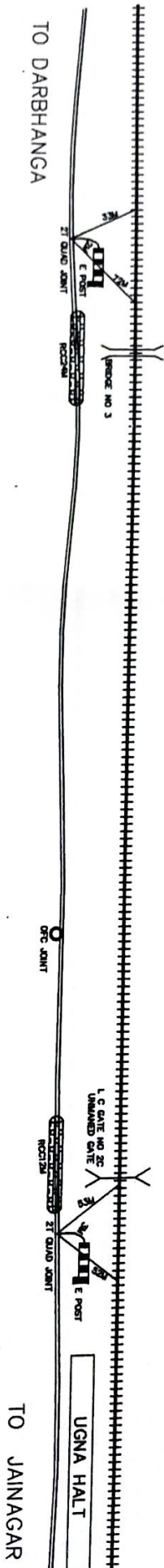
- RAILWAY TACK
- QUAD CABLE ROUT
- OFC CABLE ROOT
- STATION BUILDING
- OFC CABLE HUT
- QUADJOINT
- OFC JOINT
- D/ JOINT
- LEVEL CROSSING
- BRIDGE OVER UNDER
- OFC CABLE LOOP
- POWER CABLE
- KATCHA/TAR ROAD
- RCC PIPE
- GI PIPE
- CULVERT
- CEMENT CONCERET
- EMERGENCY POST

BLOCK SECTION SAKRI TO PANDAU	
CONTRACTOR	Ms BRINDA PD SINGH
ASTE/PROJECT/SAMASTIPUR	Partner
SSE/TELE/SAMASTIPUR	
DY. CSTE/PROJECT/HATIPUR	

FINAL CABAL ROOT PLAN SECTION -DARBHANGA TO JAINAGAR (E. C. RAILWAY HATPUR)

PAGE - 1

K.M	OFC QUAD FROM TRAC DISTANCE	RLY BOUN- DRY
0/000		30M
025	4M	30M
050	4.2M	30M
075	1.5M	30M
3100	4M	30M
025	4.3M	30M
050	4M	30M
3200	3M	30M
200	3.5M	30M
025	3M	30M
050	3.2M	30M
075	8M	30M
3300	26M	30M
025	25M	30M
050	24M	30M
075	24.5M	30M
3400	25M	30M
025	24M	30M
050	23M	30M
075	22.5M	30M
3500	23M	30M
025	23.2M	30M
050	23M	30M
075	21M	30M
3600	22M	30M
025	23M	30M
050	24M	30M
075	24.5M	30M
3700	25M	30M
025	25.5M	30M
050	26M	30M
075	26.5M	30M
3800	27M	30M
025	26M	30M
050	25M	30M
075	24M	30M
3900	25M	30M
025	24.5M	30M
050	22M	30M
075	21M	30M
4.00KM	19M	30M
025	19M	30M
050	20M	30M
075	21M	30M
4100	17M	30M
025	21.5M	30M
050	21M	30M
075	20M	30M
4200	19M	30M
025	17M	30M
050	17.5M	30M
075	17M	30M
4300	18M	30M
025	19M	30M
050	19.5M	30M
075	19M	30M
4400	28M	30M
025	20M	30M
050	24M	30M
075	23M	30M
4500	25M	30M



RAILWAY TACK
 QUAD CABLE ROUT
 OFC CABLE ROOT
 STATION BUILDING
 OFC CABLE HUT
 QUADJOINT
 OFC JOINT
 D/ JOINT

BRIDGE OVER UNDER
 OFC CABLE LOOP
 POWER CABLE
 KATCHA/TAR ROAD
 RCC PIPE
 GI PIPE
 CULVERT
 CEMENT CONCERET
 FMFRGNCY POST



BLOCK SECTION SAKRI TO PANDAU	
CONTRACTOR	Ms BRINDA PD SINGH
ASTE/PROJECT/SAMASTIPUR	Partner
	Dy. CSTE/PROJECT/HATPUR

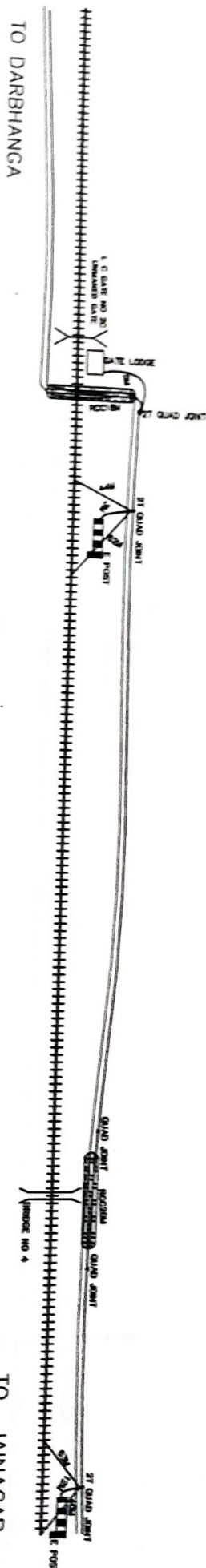
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K.M	OFC QUAD FROM TRAC DISTANCE	RLY BOUND- DRY
0/000		30M
025	20M	30M
050	21M	30M
075	21.5M	30M
4500	23M	30M
025	22M	30M
050	21M	30M
075	20M	30M
4700	17M	30M
025	18M	30M
050	17M	30M
075	16.5M	30M
4800	16M	30M
025	17M	30M
050	12M	30M
075	8M	30M
4900	5M	30M
025	9M	30M
050	11M	30M
075	15M	30M
5.00KM	17M	30M
025	16M	30M
050	15M	30M
075	15.5M	30M
5100	16M	30M
025	15M	30M
050	15.5M	30M
075	12M	30M
5200	11M	30M
025	10M	30M
050	11M	30M
075	11.5	30M
5300	12M	30M
025	12.5M	30M
050	12M	30M
075	13.2M	30M
5400	13M	30M
025	13.4M	30M
050	13M	30M
075	12M	30M
5500	11M	30M
025	12M	30M
050	14.8M	30M
075	19.1M	30M
5600	20M	30M
025	20.1M	30M
050	19M	30M
075	18.5M	30M
5700	18M	30M
025	17M	30M
050	16.2M	30M
075	15M	30M
5800	16M	30M
025	16.2M	30M
050	15M	30M
075	15.1M	30M
5900	14M	30M
025	15.8M	30M
050	16.2M	30M
075	17.5M	30M
6.00KM	18M	30M



TO DARBHANGA

TO JAINAGAR

RAILWAY TACK

QUAD CABLE ROUT

OF-C CABLE ROOT

OFC CABLE HUT

QUADJOINT

OFC JOINT

D/JOINT

BRIDGE OVER UNDER

OFC CABLE LOOP

POWER CABLE

KATCHA/TAR ROAD

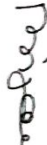
RCC PIPE

CULVERT

CEMENT CONCRET

EMERGENCY POST

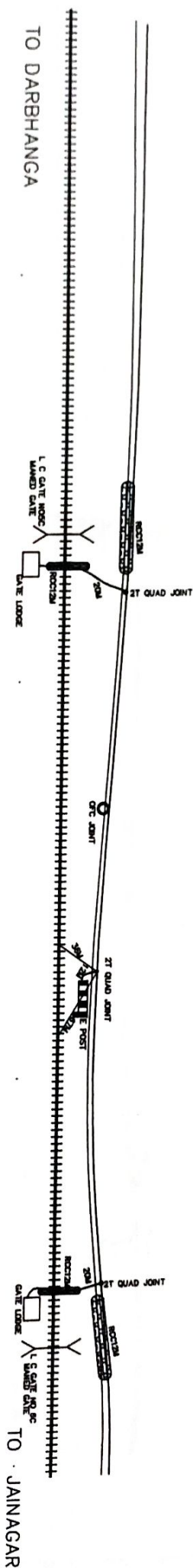


BLOCK SECTION SAKRI TO PANDAU	
CONTRACTOR Ms BRINDA PD SINGH 	SSE/TELE/SAMASTIPUR 
ASTE/PROJECT/SAMASTIPUR 	Dy. CSTE/PROJECT/HATIPUR 

FINAL CABAL ROOT PLAN SECTION - DARBHANGA TO JAINAGAR (E. C. RAILWAY HATIPUR)

PAGE - 18

K.M	OFC QUAD FROM TRAC DISTANCE	RLY BOUN- DRY
0/000		
025	18M	30M
050	18.5M	30M
075	19.1M	30M
100	19M	30M
125	19M	30M
150	19.5M	30M
175	17M	30M
200	15M	30M
225	14M	30M
250	15M	30M
275	15.5M	30M
300	16M	30M
325	16.2M	30M
350	17M	30M
375	17.8M	30M
400	18M	30M
425	16M	30M
450	15M	30M
475	14M	30M
500	12M	30M
525	13M	30M
550	13.1M	30M
575	12M	30M
600	14M	30M
625	14.1M	30M
650	14M	30M
675	13.5M	30M
700	11M	30M
725	10M	30M
750	11.5M	30M
775	12M	30M
800	13M	30M
825	12M	30M
850	12.1M	30M
875	14M	30M
900	15M	30M
925	13.5M	30M
950	14M	30M
975	14.2M	30M
1000KM	16M	30M
1025	16.5M	30M
1050	15.9M	30M
1075	15.5M	30M
1100	15M	30M
1125	15.6M	30M
1150	16.1M	30M
1175	17.3M	30M
1200	18M	30M
1225	18.1M	30M
1250	17.3M	30M
1275	17.4M	30M
1300	17M	30M
1325	17M	30M
1350	16M	30M
1375	15M	30M
1400	15M	80M
1425	14M	80M
1450	13M	80M
1475	12M	80M
1500	13M	80M

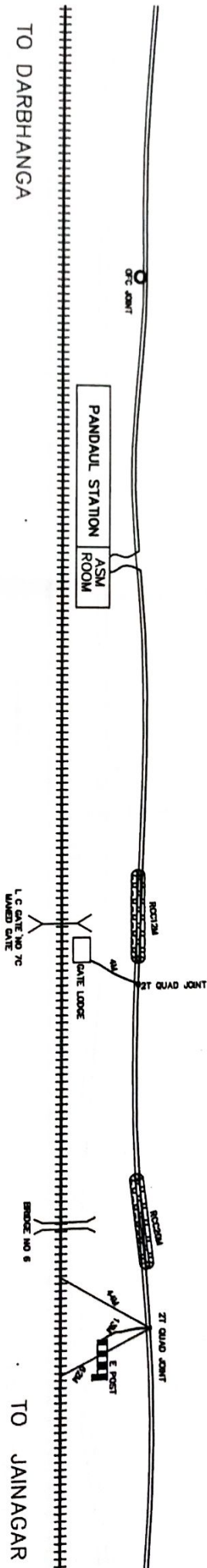


RAILWAY TACK
 QUAD CABLE ROUT
 OFC CABLE ROOT
 STATION BUILDING
 OFC CABLE HUT
 QUADJOINT
 OFC JOINT
 D/ JOINT
 LEVEL CROSSING

BRIDGE OVER UNDER
 OFC CABLE LOOP
 POWER CABLE
 KATCHA/TAR ROAD
 RCC PIPE
 GI PIPE
 CULVERT
 CEMENT CONCERET
 EMERGENCY POST

BLOCK SECTION SAKRI TO PANDUL	
CONTRACTOR	Ms BRINDA PD SINGH
ASTE/PROJECT/SAMASTIPUR	Partner
Dy. CST/PROJECT/HATIPUR	

K.M	OFC QUAD FROM TRAC DISTANCE	RLY BOUN- DRY
0/000		
025	12.5M	80M
050	12M	80M
075	13M	80M
7600	14M	80M
025	13M	80M
050	16M	80M
075	18M	80M
7700	20M	80M
025	21M	80M
050	21.5M	80M
075	22.1M	80M
7800	22M	80M
025	22M	80M
050	22.3M	80M
075	22M	80M
7900	20M	80M
025	21M	80M
050	21.5M	80M
075	20M	80M
8.00KM	21M	80M
025	20M	80M
050	20.2M	80M
075	20.5M	80M
8100	20M	80M
025	20.5M	80M
050	21M	80M
075	21.2M	80M
8200	25M	80M
025	22M	80M
050	22.1M	80M
075	19.5M	80M
8300	19M	80M
025	19M	80M
050	20M	80M
075	19M	80M
8400	18M	80M
025	20M	80M
050	21M	80M
075	19M	80M
8500	17M	80M
025	16M	30M
050	15M	30M
075	15.1M	30M
8600	16M	30M
025	16M	30M
050	15M	30M
075	15.1M	30M
8700	15M	30M
025	16M	30M
050	14M	30M
075	14.5M	30M
8800	13M	30M
025	13.5M	30M
050	13M	30M
075	12.5M	30M
8900	14M	30M
025	14.5M	30M
050	14M	30M
075	13.5M	30M
9.00KM	14M	30M

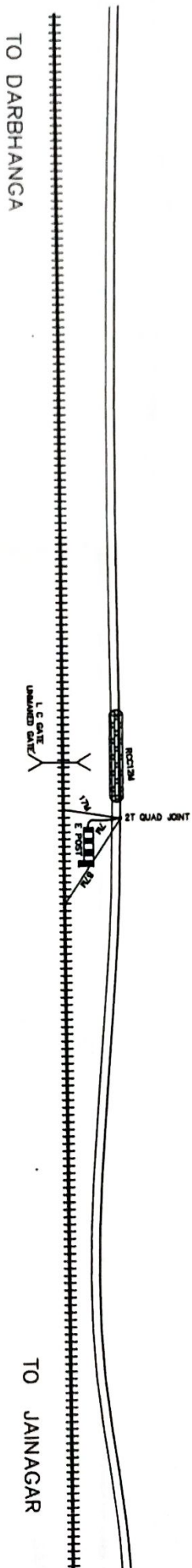


RAILWAY TACK
 QUAD CABLE ROUT
 OFC CABLE ROOT
 STATION BUILDING
 OFC CABLE HUT
 QUADJOINT
 OFC JOINT
 D/ JOINT

BRIDGE OVER UNDER
 OFC CABLE LOOP
 POWER CABLE
 KATCHA/TAR ROAD
 RCC PIPE
 GI PIPE
 CULVERT
 CEMENT CONCRET
 EMERGENCY POST

BLOCK SECTION PANDAU TO MADHUBANI		
CONTRACTOR	Ms. BRINDA PD SINGH	SSE/TELE/SAMASTIPUR
ASTE/PROJECT/SAMASTIPUR	Partner	Dy. CSTE/PROJECT/HATJPUR

K.M	OFC QUAD FROM TRAC DISTANCE	RLY BOUN- DRY
9000		
025	11M	30M
050	11.5M	30M
075	12M	30M
9100	12M	30M
025	12M	30M
050	12.5M	30M
075	12M	30M
9200	11M	30M
025	10M	30M
050	10.5M	30M
075	10M	30M
9300	11M	30M
025	12M	30M
050	11M	30M
075	12.5M	30M
9400	13M	30M
025	13.5M	30M
050	13M	30M
075	12M	30M
9500	12.5M	30M
025	12M	30M
050	11M	30M
075	11.5M	30M
9600	11.2M	30M
025	11M	30M
050	11M	30M
075	11.5M	30M
9700	8.5M	30M
025	10M	30M
050	10.1M	30M
075	10.5M	30M
9800	10M	30M
025	9M	30M
050	9.5M	30M
075	9M	30M
9900	9.1M	30M
025	9.5M	30M
050	8M	30M
075	7M	30M
1000KM	6.3M	30M
025	5M	30M
050	4.1M	30M
075	3M	30M
10100	2.5M	30M
025	2M	30M
050	2.3M	30M
075	2.1M	30M
10200	2.8M	30M
025	2M	30M
050	2.3M	30M
075	2M	30M
10300	3M	30M
025	3.1M	30M
050	3M	30M
075	3.2M	30M
10400	5M	30M
025	5.1M	30M
050	5.5M	30M
075	5.1M	30M
10500	5.5M	30M



RAILWAY TACK
 QUAD CABLE ROUT
 OFC CABLE ROOT
 STATION BUILDING
 OFC CABLE HUT
 QUADJOINT
 OFC JOINT
 D/ JOINT
 LEVEL CROSSING

BRIDGE OVER UNDER
 OFC CABLE LOOP
 POWER CABLE
 KATCHA/TAR ROAD
 RCC PIPE
 GI PIPE
 CULVERT
 CEMENT CONCRET
 EMERGENCY POST

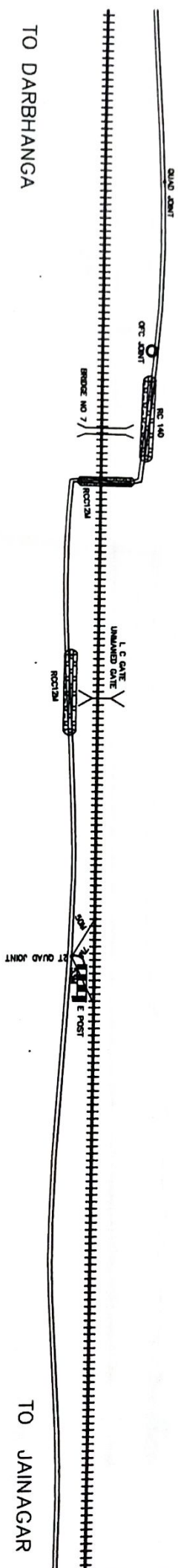
BLOCK SECTION PANDAU TO MADHUBANI		
CONTRACTOR	Ms BRINDA PD SINGH	SSE/TELE/SAMASTIPUR
	Partner	
ASTE/PROJECT/SAMASTIPUR	DY. CSTE/PROJECT/HATIPUR	

23.02.08

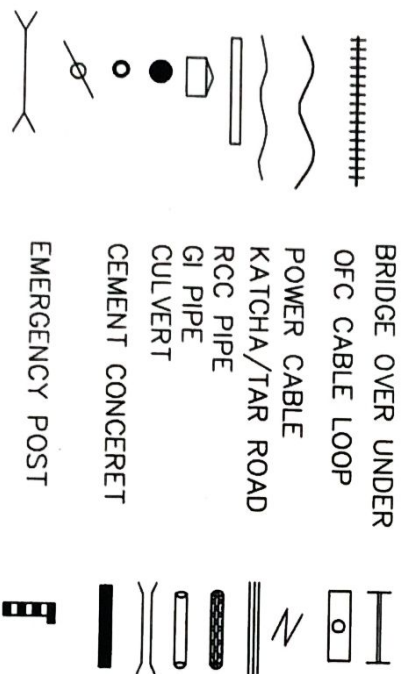
FINAL CABAL ROOT PLAN SECTION - DARBHANGA TO JAINAGAR (E. C. RAILWAY HATIPUR)

PAGE - 21

K.M	OFC QUAD FROM TRAC DISTANCE	RLY BOUNDRY
10500		20M
025	5.8M	20M
050	6M	20M
075	6.5M	20M
10600	7M	20M
025	7.2M	20M
050	8M	20M
075	9.1M	20M
10700	11M	20M
025	10M	20M
050	10.5M	20M
075	10M	20M
10800	10M	20M
025	10M	20M
050	10.2M	20M
075	10.5M	20M
10900	11M	20M
025	11.1M	20M
050	11.2M	20M
075	11.5M	20M
11.00KM	10.5M	20M
025	11.3M	20M
050	11.5M	20M
075	11M	20M
11100	12M	20M
025	11M	20M
050	10M	20M
075	10.5M	20M
11200	10M	20M
025	10M	20M
050	10.5M	20M
075	10M	20M
11300	13.3M	20M
025	13M	20M
050	12.5M	20M
075	11M	20M
11400	10M	20M
025	9M	20M
050	9.5M	20M
075	9.3M	20M
11500	11.2M	20M
025	11M	20M
050	11.5M	20M
075	11M	20M
11600	12M	20M
025	12.5M	20M
050	12M	20M
075	11.5M	20M
11700	12.5M	20M
025	12M	20M
050	11.5M	20M
075	11M	20M
11800	12M	20M
025	11.5M	20M
050	11M	20M
075	12M	20M
11900	13.5M	20M
025	13M	20M
050	12M	20M
075	13M	20M
12.00KM	14M	20M



RAILWAY TACK
 QUAD CABLE ROUT
 OFC CABLE ROOT
 STATION BUILDING
 OFC CABLE HUT
 QUADJOINT
 OFC JOINT
 D/ JOINT
 LEVEL CROSSING

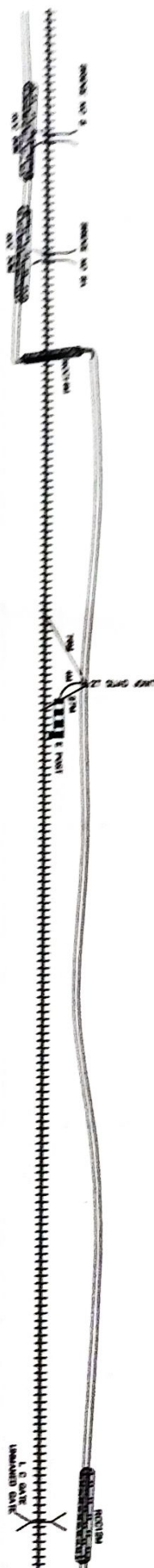


BLOCK SECTION PANDAU TO MADHUBANI	
CONTRACTOR	Ms BRINDA PD SINGH
ASTE/PROJECT/SAMASTIPUR	Partner
SSE/TELE/SAMASTIPUR	
Dy. CSTE/PROJECT/HATIPUR	

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23.02.08

K.M	OFF JULIO FROM TRAIL DISTANCE	25M PLY BOUN- DER
12000		25M
025	20M	25M
050	20.5M	25M
075	21M	25M
12100	21M	25M
025	21.5M	25M
050	19M	25M
075	17M	25M
12200	15M	25M
025	16M	25M
050	15M	25M
075	16M	25M
12300	16M	25M
025	16.5M	25M
050	16M	25M
075	15.5M	25M
12400	15M	25M
025	14M	25M
050	13.5M	25M
075	13M	25M
12500	12M	25M
025	11M	20M
050	10M	20M
075	9M	20M
12600	8.5M	20M
025	8M	20M
050	8.2M	20M
075	8.8M	20M
12700	8.9M	20M
025	9M	20M
050	8.7M	20M
075	8M	20M
12800	7.5M	20M
025	8M	20M
050	8.2M	20M
075	8.6M	20M
12900	8.2M	20M
025	8.3M	20M
050	8.2M	20M
075	8M	20M
13.00KM	6.5M	20M
025	8.6M	20M
050	8.2M	20M
075	8M	20M
13100	8M	20M
025	8.1M	20M
050	8M	20M
075	8.3M	20M
13200	9.3M	20M
025	9M	20M
050	9M	20M
075	9.1M	20M
13300	8.7M	20M
025	9M	20M
050	9.2M	20M
075	8M	20M
13400	7.5M	20M
025	8M	20M
050	8.2M	20M
075	8M	20M
13500	7M	20M



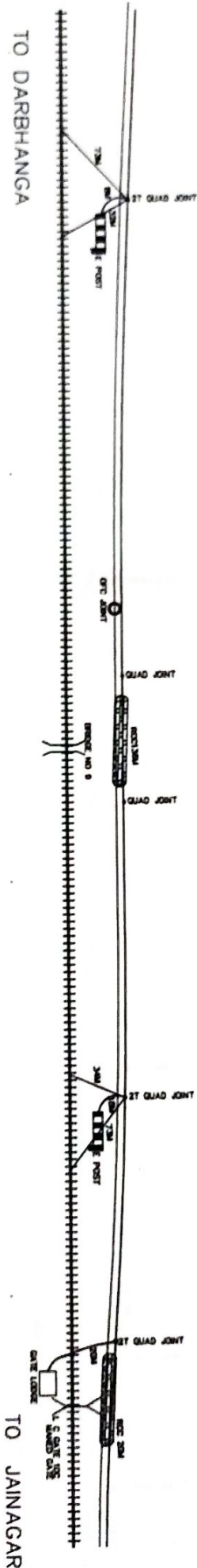
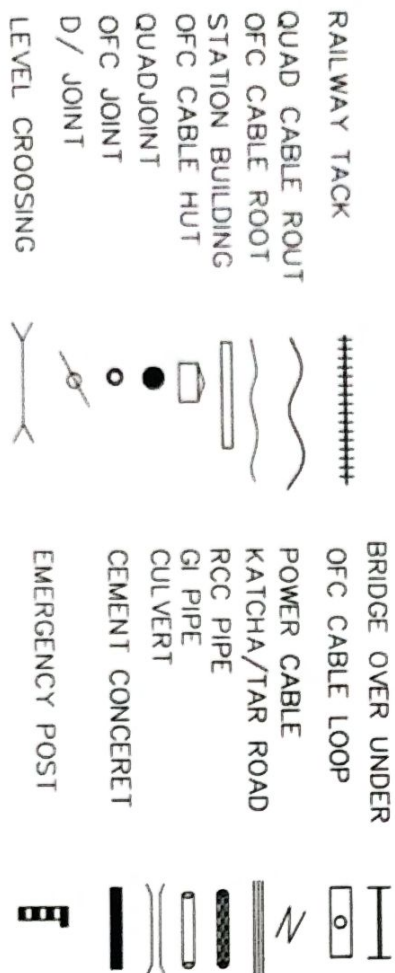
TO DARSHANCA

TO JAINAGAR

- | | | | |
|------------------|-------|-------------------|-----|
| RAILWAY TRACK | +++++ | BRIDGE OVER UNDER | ⌈ |
| QUAD CABLE ROUT | ~~~~~ | OFC CABLE LOOP | ⌈○⌋ |
| OFC CABLE ROOT | ~~~~~ | POWER CABLE | ≧ |
| STATION BUILDING | ▭ | KATCHA/TAR ROAD | ▬ |
| OFC CABLE HUT | ◡ | RCC PIPE | ▬ |
| QUADJOINT | ● | GI PIPE | ▬ |
| OFC JOINT | ○ | CULVERT | ▬ |
| D / JOINT | ○ | CEMENT CONCRET | ▬ |
| LEVEL CROSSING | ⌋ | EMERGENCY POST | ⌈ |

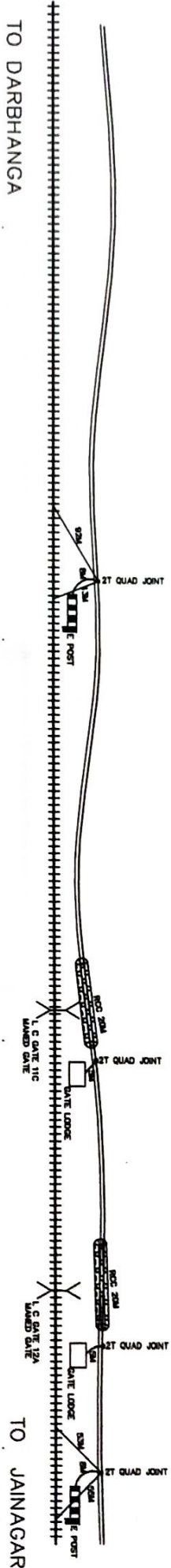
BLOCK SECTION PANDAU TO MADHUBANI	
CONTRACTOR MS. BRINDA PD SINGH Brinda Kumar PARTNER	SSE/TELE/SAMASTIPUR 
ASTE/PROJECT/SAMASTIPUR 	DY. CSTE/PROJECT/HATIPUR 

K.M	OFC QUAD FROM TRAC DISTANCE	RLY BOUN-DRY
13500		
025	8.5M	25M
050	8M	25M
075	9M	25M
13600	9M	25M
025	10M	25M
050	12M	25M
075	14M	25M
13700	16M	25M
025	15M	25M
050	14M	25M
075	13M	25M
13800	15M	25M
025	14M	25M
050	16M	25M
075	16.5M	25M
13900	17M	25M
025	17.5M	25M
050	17M	25M
075	16.5M	25M
14.00KM	15M	25M
025	15M	25M
050	14.5M	25M
075	14M	25M
14100	14.5M	25M
025	14M	25M
050	13.5M	25M
075	18M	25M
14200	20M	25M
025	19M	25M
050	21M	25M
075	20M	25M
14300	20M	25M
025	21M	25M
050	20M	25M
075	19M	25M
14400	19.4M	25M
025	19M	25M
050	18.5M	25M
075	18M	25M
14500	20M	25M
025	20M	25M
050	17M	25M
075	14M	25M
14600	13M	25M
025	12M	25M
050	13M	25M
075	13.5M	25M
14700	14M	25M
025	14.5M	25M
050	14M	25M
075	13.5M	25M
14800	9.5M	25M
025	13M	40M
050	10M	40M
075	9M	40M
14900	10M	40M
025	9M	40M
050	9.2M	40M
075	9M	40M
15.00KM	9.5M	40M



BLOCK SECTION PANDAU TO MADHUBANI		
CONTRACTOR	MS BRINDA PD SINGH	SSE/TELE/SAMASTIPUR
	Partner	
ASTE/PROJECT/SAMASTIPUR	DY. CSTE/PROJECT/HATIPUR	

K.M	OFC QUAD FROM TRAC DISTANCE	RLY BOUN- DRY
15.00KM		
025	7.5M	30M
050	7M	30M
075	7.1M	30M
15100	8M	30M
025	7.5M	30M
050	9M	30M
075	9.5M	30M
15200	10M	30M
025	10M	30M
050	9.5M	30M
075	9M	30M
15300	8.5M	30M
025	9M	30M
050	9.5M	30M
075	11.5M	30M
15400	13M	30M
025	13.1M	30M
050	13.5M	30M
075	13.7M	30M
15500	14M	30M
025	14.2M	30M
050	14.5M	30M
075	14.6M	30M
15600	15M	30M
025	15.1M	30M
050	15M	30M
075	10M	30M
15700	7.5M	30M
025	7M	30M
050	7.5M	30M
075	7M	30M
15800	7M	30M
025	7.1M	30M
050	7.5M	30M
075	7M	30M
15900	8M	30M
025	7M	30M
050	8.5M	30M
075	8.8M	30M
16.00KM	9M	30M
025	9.2M	30M
050	9.5M	30M
075	9M	30M
16100	10M	30M
025	9.5M	30M
050	9M	30M
075	9.2M	30M
16200	10M	30M
025	10.2M	30M
050	10.5M	30M
075	10.2M	30M
16300	10M	30M
025	10.5M	30M
050	10M	30M
075	9.5M	30M
16400	9M	30M
025	9M	30M
050	8M	30M
075	8.2M	30M
16500	8M	30M



RAILWAY TACK
QUAD CABLE ROUT
OFC CABLE ROOT
STATION BUILDING
OFC CABLE HUT
QUADJOINT
OFC JOINT
D/ JOINT
LEVEL CROSSING

BRIDGE OVER UNDER
OFC CABLE LOOP
POWER CABLE
KATCHA/TAR ROAD
RCC PIPE
GI PIPE
CEMENT CONCERET
EMERGENCY POST

BLOCK SECTION PANDAU TO MADHUBANI	
CONTRACTOR	Ms. BRINDA PD SINGH
	Partner
ASTE/PROJECT/SAMASTIPUR	Dy. CST/PROJECT/HATIPUR

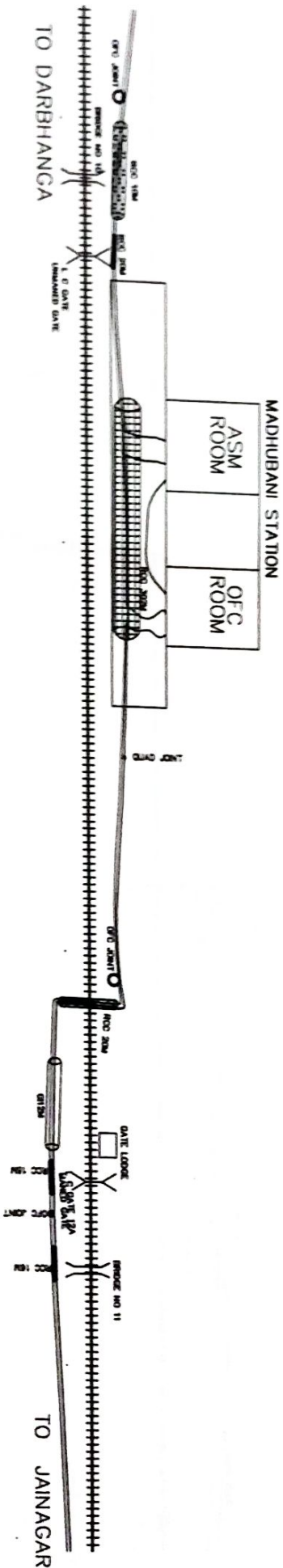
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12.3.02.08

K.M	OFC QUAD FROM TRAC DISTANCE	RLY BOUN- DRY
16500		80M
025	4M	80M
050	3.5M	80M
075	3.2M	80M
16600	4M	80M
025	4.1M	80M
050	4M	80M
075	3M	80M
16700	3M	80M
025	3M	80M
050	3.1M	80M
075	3.2M	80M
16800	3.5M	80M
025	3M	80M
050	3.1M	80M
075	3M	80M
16900	4.2M	80M
025	3.5M	80M
050	3M	80M
075	3.1M	80M
17.00KM	3M	80M
025	3M	80M
050	3.2M	80M
075	3.5M	80M
17100	4M	80M
025	4M	80M
050	3M	80M
075	2.5M	80M
17200	2M	80M
025	2M	80M
050	2.1M	80M
075	2.2M	80M
17300	2.5M	80M
025	2.6M	80M
050	2.7M	80M
075	2.6M	80M
17400	3M	80M
025	3.1M	25M
050	3M	25M
075	3.9M	25M
17500	3.2M	25M
025	3.2M	25M
050	3.5M	25M
075	3.8M	25M
17600	4M	25M
025	3M	25M
050	3.6M	25M
075	4M	25M
17700	4M	25M
025	4.2M	25M
050	4.1M	25M
075	4M	25M
17800	3.5M	25M
025	3M	25M
050	4M	25M
075	3.2M	25M
17900	4M	25M
025	4.6M	25M
050	4.1M	25M
075	4M	25M
18.00KM	4M	25M



- RAILWAY TACK
- QUAD CABLE ROUT
- OFC CABLE ROUT
- STATION BUILDING
- OFC CABLE HUT
- QUADJOINT
- OFC JOINT
- D/ JOINT
- LEVEL CROSSING
- BRIDGE OVER UNDER
- OFC CABLE LOOP
- POWER CABLE
- KATCHA/TAR ROAD
- RCC PIPE
- GI PIPE
- CULVERT
- CEMENT CONCERET
- EMERGENCY POST

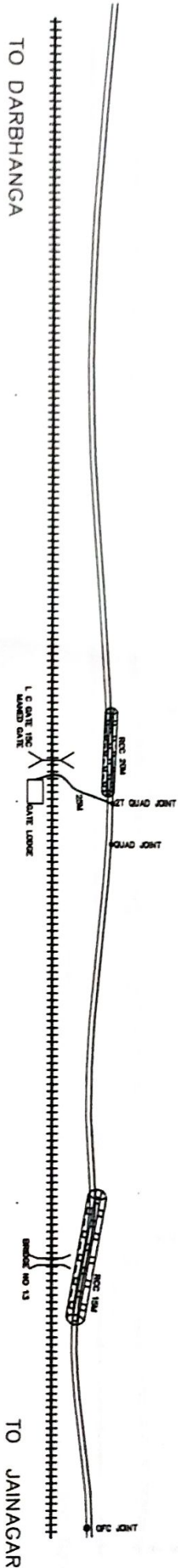
BLOCK SECTION MADHUBANI TO RAJNAGAR	
CONTRACTOR	SSE/TELE/SAMASTIPUR
Ms BRINDA PD SINGH	
Partner	
ASTE/PROJECT/SAMASTIPUR	Dy. CSTE/PROJECT/HATIPUR

BLOCK SECTION MADHUBANI TO RAJNAGAR	
<p>CONTRACTOR</p> <p>Ms BRINDA PD SINGH</p> <p><i>Brinda Kumar</i></p> <p>PARTNER</p>	<p>SSE/TELE/SAMASTIPUR</p> <p><i>Brinda</i></p>
<p>ASTE/PROJECT/SAMASTIPUR</p> <p><i>Brinda</i></p>	<p>Dy. CSTE/PROJECT/HATIPUR</p> <p><i>Brinda</i></p>

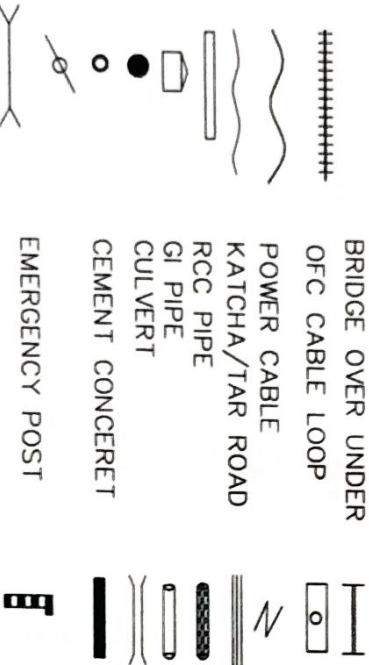
FINAL CABAL ROOT PLAN SECTION - DARBHANGA TO JAINAGAR (E. C. RAILWAY HATIPUR)

PAGE - 27

K.M	OFC QUAD FROM TRAC DISTANCE	RLY BOUN- DRY
19500		
025	2M	20M
050	2.3M	20M
075	2.1M	20M
19600	4M	20M
025	6M	20M
050	6.2M	20M
075	8M	20M
19700	10M	20M
025	10M	20M
050	10.3M	20M
075	10M	20M
19800	10M	20M
025	10.5M	20M
050	10M	20M
075	8M	20M
19900	4M	20M
025	4M	20M
050	3M	20M
075	3.2M	20M
2000KM	3M	20M
025	3.2M	20M
050	3M	20M
075	3M	20M
20100	3M	20M
025	3M	20M
050	3.5M	20M
075	3M	20M
20200	3.2M	20M
025	3.3M	20M
050	3M	20M
075	3M	20M
20300	3.5M	20M
025	3M	20M
050	3.6M	20M
075	3M	20M
20400	3.2M	20M
025	3M	20M
050	3M	20M
075	3.2M	20M
20500	3.1M	20M
025	3.5M	20M
050	3M	20M
075	3.2M	20M
20600	5M	20M
025	3.5M	20M
050	4M	20M
075	5.6M	20M
20700	5.9M	20M
025	5M	20M
050	5M	20M
075	4.9M	20M
20800	4.6M	20M
025	4.2M	20M
050	4.1M	20M
075	4M	20M
20900	4M	20M
025	4.2M	20M
050	4M	20M
075	4.1M	20M
2100KM	3.5M	20M

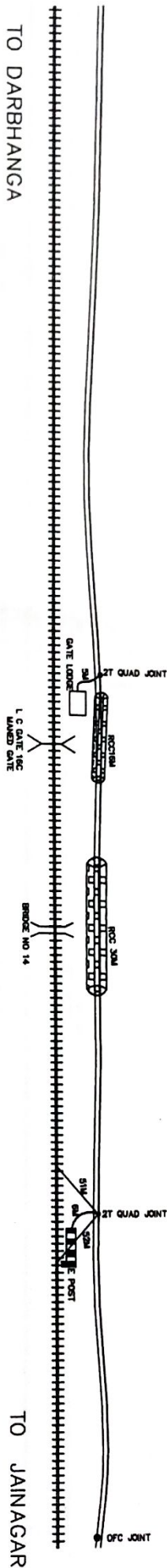


RAILWAY TRACK
 QUAD CABLE ROUT
 OFC CABLE ROOT
 STATION BUILDING
 OFC CABLE HUT
 QUADJOINT
 OFC JOINT
 D/ JOINT
 LEVEL CROSSING



BLOCK SECTION MADHUBANI TO JAINAGAR	
CONTRACTOR Ms BRINDA PD SINGH Partner	SSE/TELE/SAMASTIPUR
ASTE/PROJECT/SAMASTIPUR	DY. CSTE/PROJECT/HATIPUR

K.M	OFC QUAD FROM TRAC DISTANCE	RLY BOUN- DRY
21.00KM		
025	4M	20M
050	4.5M	20M
075	4M	20M
21100	5M	20M
025	5M	20M
050	5.3M	20M
075	5M	20M
21200	5M	20M
025	5.2M	20M
050	5M	20M
075	5.3M	20M
21300	4.3M	20M
025	5.6M	20M
050	5.2M	20M
075	5.1M	20M
21400	4.8M	20M
025	5M	20M
050	5.6M	20M
075	5.2M	20M
21500	4.9M	20M
025	5M	20M
050	5.3M	20M
075	5.5M	20M
21600	5.2M	20M
025	5.6M	20M
050	6M	20M
075	55.5M	20M
21700	5M	20M
025	5M	20M
050	5.1M	20M
075	5.3M	20M
21800	5.3M	20M
025	5M	25M
050	4M	25M
075	4.2M	25M
21900	3.2M	25M
025	4M	25M
050	4.2M	25M
075	4M	25M
22.00KM	4.8M	25M
025	4M	25M
050	4.1M	25M
075	4M	25M
22100	5M	25M
025	5M	25M
050	5.1M	25M
075	5.9M	25M
22200	5.5M	25M
025	5.2M	25M
050	5.1M	25M
075	5M	25M
22300	3M	25M
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050	4.5M	25M
075	4M	25M
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025	4.2M	25M
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22500	5M	25M



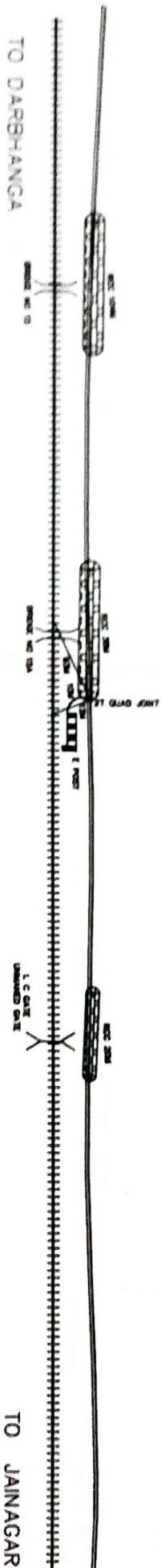
RAILWAY TRACK	+++++	BRIDGE OVER UNDER	
QUAD CABLE ROUT		OFC CABLE LOOP	
OFC CABLE ROOT		POWER CABLE	
STATION BUILDING		KATCHA/TAR ROAD	
OFC CABLE HUT		RCC PIPE	
QUADJOINT		GI PIPE	
OFC JOINT		CULVERT	
D / JOINT		CEMENT CONCRET	
LEVEL CROSSING		EMERGENCY POST	

BLOCK SECTION MADHUBANI TO RAJNAGAR	
CONTRACTOR Ms BRINDA PD SINGH  Partner	SSE/TELE/SAMASTIPUR 
ASTE/PROJECT/SAMASTIPUR 	Dy. CSTE/PROJECT/HATIPUR  23.02.08

FINAL CABAL ROOT PLAN SECTION - DARBHANGA TO JAINAGAR (E. C. RAILWAY HATIPUR)

PAGE - 29

K.M	OFC QUAD FROM TRAC DISTANCE	RLY BOUNDRY
22500		
025	4.5M	35M
050	4M	35M
075	4M	35M
22600	5M	35M
025	5.2M	35M
050	5M	35M
075	8M	35M
22700	15M	35M
025	12M	35M
050	12M	35M
075	8M	35M
22800	5M	35M
025	6M	35M
050	6.1M	35M
075	6.5M	35M
22800	7.8M	35M
025	7.2M	35M
050	7M	35M
075	7.1M	35M
2300KM.	12M	35M
025	7M	35M
050	5.2M	35M
075	10M	35M
23100	12M	35M
025	10M	35M
050	9M	35M
075	8M	35M
23200	7.4M	35M
025	7M	35M
050	6M	35M
075	5M	35M
23300	4.2M	35M
025	4M	35M
050	4M	35M
075	4.5M	35M
23400	4.8M	35M
025	4.2M	35M
050	4M	35M
075	4.1M	35M
23500	4M	35M
025	4.3M	35M
050	4.1M	35M
075	4M	35M
23600	5M	35M
025	5.2M	35M
050	5M	35M
075	5.1M	35M
23700	9.1M	35M
025	9M	35M
050	9.1M	35M
075	9M	35M
23800	9.3M	35M
025	9.2M	35M
050	9.5M	35M
075	10M.	35M
23900	10M	35M
025	10M	35M
050	11M	35M
075	11.5M	35M
24.00KM	12M	35M

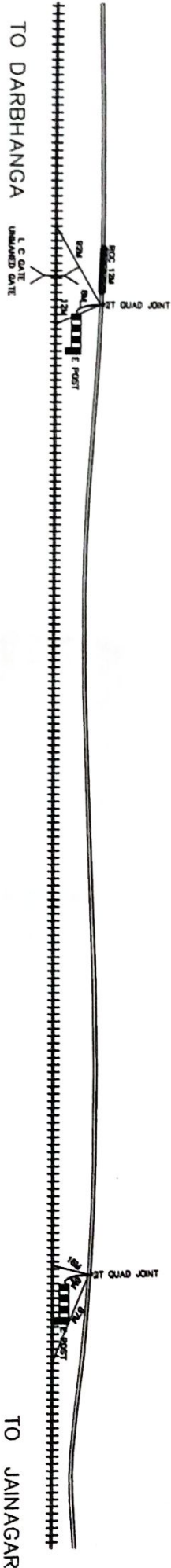


RAILWAY TRACK
 QUAD CABLE ROUT
 OFC CABLE ROOT
 STATION BUILDING
 OFC CABLE HUT
 QUADJOINT
 OFC JOINT
 D/ JOINT
 EMERGENCY POST

BRIDGE OVER UNDER
 OFC CABLE LOOP
 POWER CABLE
 KATCHA/TAR ROAD
 RCC PIPE
 GI PIPE
 CULVERT
 CEMENT CONCERET

BLOCK SECTION MADHUBANI TO RAJNAGAR	
CONTRACTOR	SSE/TELE/SAMASTIPUR
Ms BRINDA PD SINGH	
Partner	
ASTE/PROJECT/SAMASTIPUR	DY. CSTE/PROJECT/HATIPUR

K.M	OFC QUAD FROM TRAC DISTANCE	RLY BOUN- DRY
24.00KM		
025	10M	35M
050	11M	35M
075	11.5M	35M
24100	12M	35M
025	12M	35M
050	11.5M	35M
075	10M	35M
24200	10M	35M
025	10.5M	35M
050	10M	35M
075	10.2M	35M
24300	10.5M	35M
025	10.8M	35M
050	10.5M	35M
075	10.3M	35M
24400	10.2M	35M
025	10M	35M
050	10.1M	35M
075	10.3M	35M
24500	11M	35M
025	10M	35M
050	10.1M	35M
075	10.5M	35M
24600	10M	35M
025	10M	35M
050	10.2M	35M
075	10M	35M
24700	10.6M	35M
025	10M	35M
050	10M	35M
075	10.3M	35M
24800	9.2M	35M
025	10M	35M
050	9.5M	35M
075	9M	35M
24900	9M	35M
025	9.2M	35M
050	9M	35M
075	9.5M	35M
25.00KM	8.9M	35M
025	9M	35M
050	9.2M	35M
075	9M	35M
25100	8.6M	35M
025	8.2M	35M
050	8M	35M
075	8.1M	35M
25200	9M	35M
025	8.7M	35M
050	8.5M	35M
075	8.2M	35M
25300	9.2M	35M
025	8M	35M
050	8.5M	35M
075	8M	35M
25400	8M	35M
025	8M	35M
050	8.2M	35M
075	8.1M	35M
25500	8.5M	35M



RAILWAY TACK
QUAD CABLE ROUT
OFC CABLE ROOT
STATION BUILDING
OFC CABLE HUT
QUADJOINT
OFC JOINT
D/ JOINT
LEVEL CROSSING

BRIDGE OVER UNDER
OFC CABLE LOOP
POWER CABLE
KATCHA/TAR ROAD
RCC PIPE
GI PIPE
CULVERT
CEMENT CONCERET
EMERGENCY POST

BLOCK SECTION MADHUBANI TO RAJNAGAR	
CONTRACTOR	SSE/TELE/SAMASTIPUR
Ms BRINDA PD SINGH	
Partner	
ASTE/PROJECT/SAMASTIPUR	DY. CSTE/PROJECT/HATIPUR

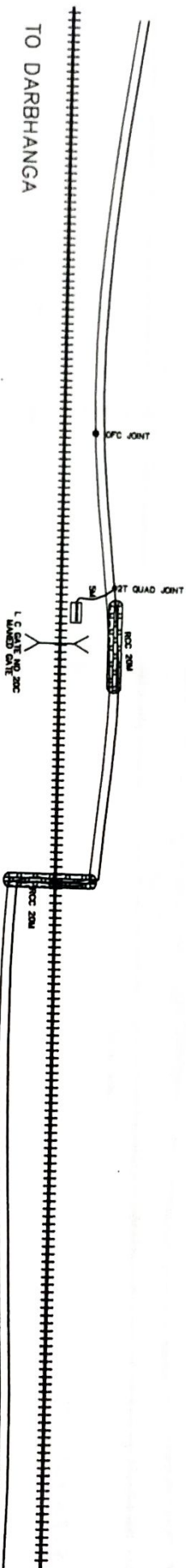
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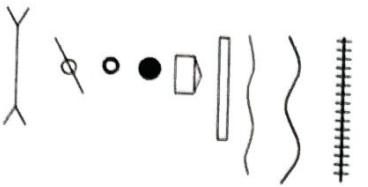
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20.02.08

K.M	OFC QUAD FROM TRAC DISTANCE	RLY BOUN- DRY
0/000		
025	8M	50M
050	8.5M	50M
075	8M	50M
25600	9M	50M
025	9M	50M
050	9.5M	50M
075	8M	50M
25700	8M	50M
025	8.2M	50M
050	8M	50M
075	8.3M	50M
25800	7.5M	50M
025	7M	50M
050	7M	50M
075	7.12M	50M
25900	7.2M	50M
025	7M	50M
050	7.2M	50M
075	7M	50M
26.00KM	8.1M	50M
025	8M	50M
050	9M	50M
075	12M	50M
26100	15M	50M
025	14M	50M
050	13M	50M
075	13.2M	50M
26200	12M	50M
025	11M	50M
050	11.5M	50M
075	11M	50M
26300	9.3M	50M
025	9M	30M
050	8M	30M
075	7M	30M
26400	5.2M	30M
025	5M	30M
050	9M	30M
075	9.5M	30M
26500	11.3M	30M
025	10M	30M
050	8M	30M
075	6M	30M
26600	4.1M	30M
025	4M	50M
050	4.1M	50M
075	4M	50M
26700	4M	50M
025	4M	50M
050	4.2M	50M
075	4.3M	50M
26800	21M	50M
025	4M	50M
050	8M	50M
075	12M	50M
26900	16M	50M
025	14M	50M
050	13M	50M
075	14M	50M
27.00KM	15M	50M



RAILWAY TACK
 QUAD CABLE ROUT
 OFC CABLE ROOT
 STATION BUILDING
 OFC CABLE HUT
 QUADJOINT
 OFC JOINT
 D/ JOINT
 LEVEL CROSSING



BRIDGE OVER UNDER
 OFC CABLE LOOP
 POWER CABLE
 KATCHA/TAR ROAD
 RCC PIPE
 GI PIPE
 CULVERT
 CEMENT CONCRET
 EMERGENCY POST

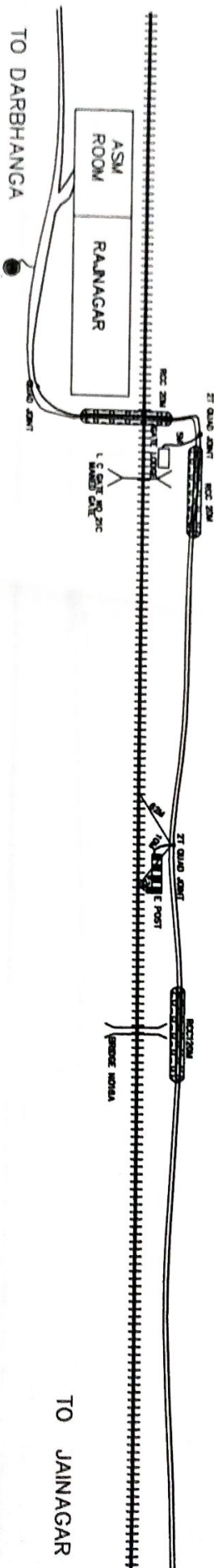


BLOCK SECTION MADHUBANI TO RAJNAGAR	
CONTRACTOR	Ms BRINDA PD SINGH Rajendra Kumar PARTNER
ASTE/PROJECT/SAMASTIPUR	Dy. CSTE/PROJECT/HATIPUR

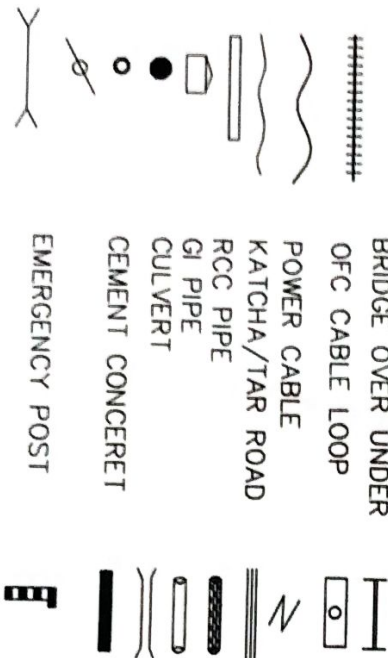
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23.02.08

K.M	OFC QUAD FROM TRAC DISTANCE	RLY BOUN-DRY
0/000		
025	14M	50M
050	13M	50M
075	14.5M	50M
27100	15M	50M
025	15M	50M
050	14M	50M
075	14.5M	50M
27200	15.1M	50M
025	15M	50M
050	14M	50M
075	14M	50M
27300	14.5M	50M
025	14M	50M
050	10M	50M
075	9M	50M
27400	7.5M	50M
025	7M	50M
050	7M	50M
075	7.5M	50M
27500	8M	50M
025	7M	50M
050	8.5M	50M
075	8.6M	50M
27600	9M	50M
025	9.2M	30M
050	9M	30M
075	9.5M	30M
27700	10M	30M
025	10M	30M
050	9M	30M
075	8.5M	30M
27800	10.8M	30M
025	8M	30M
050	8.9M	30M
075	8.5M	30M
27900	9.8M	30M
025	7.5M	30M
050	7M	30M
075	7.5M	30M
28.00KM	7.8M	30M
025	7.5M	30M
050	7M	30M
075	7.2M	30M
28100	7.5M	30M
025	7M	30M
050	7.2M	30M
075	7M	30M
28200	6M	30M
025	6.1M	30M
050	6.5M	30M
075	6.2M	30M
28300	5.2M	30M
025	6.1	30M
050	6M	30M
075	6.2M	30M
28400	6M	30M
025	6M	30M
050	6.3M	30M
075	6.1M	30M
28500	5.1M	30M



RAILWAY TACK
 QUAD CABLE ROUT
 OFC CABLE ROOT
 STATION BUILDING
 OFC CABLE HUT
 QUADJOINT
 OFC JOINT
 D/ JOINT
 LEVEL CROSSING



BLOCK SECTION RAINAGAR TO KHJAU	
CONTRACTOR	Ms BRINDA PD SINGH
ASTE/PROJECT/SAMASTIPUR	PARTNER
Dy. CSTE/PROJECT/HATIPUR	

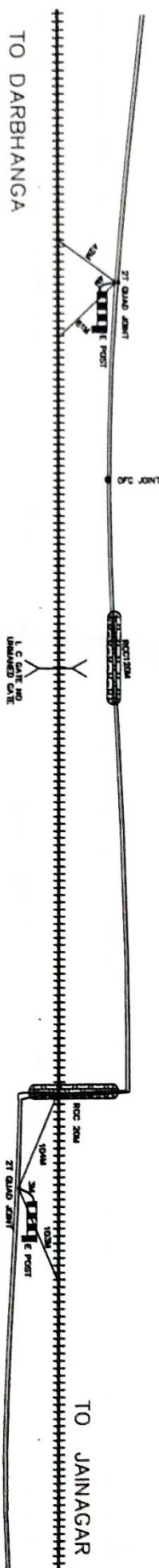
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K.M	OFC QUAD FROM TRAC DISTANCE	RLY BOUN- DRY
0/000		
025	5M	30M
050	5.5M	30M
075	6M	30M
28600	6M	30M
025	6M	30M
050	6.2M	30M
075	6M	30M
28700	5.5M	30M
025	5M	30M
050	5.1M	30M
075	5M	30M
28800	5M	30M
025	5.2M	30M
050	5M	30M
075	5.6M	30M
28900	4.2M	30M
025	4M	30M
050	3.6M	30M
075	3.9M	30M
29.00KM	4.5M	30M
025	4M	30M
050	4.8M	30M
075	4.7M	30M
29100	5M	30M
025	5.1M	30M
050	5.2M	30M
075	4M	30M
29200	4.2M	30M
025	4M	30M
050	4M	30M
075	4.1M	30M
29300	4M	30M
025	4M	30M
050	4.2M	30M
075	4.3M	30M
29400	4.5M	30M
025	4M	30M
050	4.9M	30M
075	4.6M	30M
29500	5.5M	30M
025	5.1M	30M
050	5M	30M
075	5.3M	30M
29600	7M	30M
025	7.2M	30M
050	7M	30M
075	7.M1	30M
29700	7M	30M
025	7M	30M
050	7.3M	30M
075	7.1M	30M
29800	6.5M	30M
025	7.2M	30M
050	7.M1	30M
075	7.7M	30M
29900	8.5M	30M
025	8.3M	30M
050	8.8M	30M
075	9.1M	30M
30.00KM	9M	30M

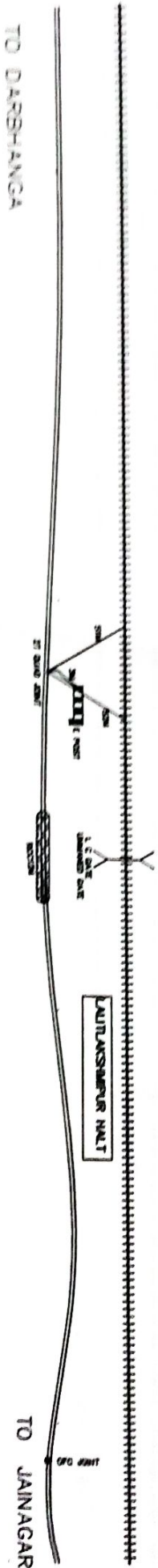


RAILWAY TRACK
QUAD CABLE ROUT
OFC CABLE ROOT
STATION BUILDING
OFC CABLE HUT
QUADJOINT
OFC JOINT
D/ JOINT
LEVEL CROSSING

BRIDGE OVER UNDER
OFC CABLE LOOP
POWER CABLE
KATCHA/TAR ROAD
RCC PIPE
GI PIPE
CULVERT
CEMENT CONCERET
EMERGENCY POST

BLOCK SECTION RAJNAGAR TO KHJALI		
CONTRACTOR	Ms BRINDA PD SINGH	SSE/TELE/SAMASTIPUR
ASTE/PROJECT/SAMASTIPUR	Partner	Dy. CSIE/PROJECT/HATIPUR

K.M	OFC QUAD FROM TRAC DISTANCE	PLY BOUN-DRY
0/000		
025	6M	30M
050	6.2M	30M
075	6M	30M
30100	6.5M	30M
025	6M	30M
050	6.5	30M
075	6.2M	30M
30200	7M	30M
025	7M	30M
050	7.3M	30M
075	6.8M	30M
30300	6M	30M
025	6.2M	30M
050	6M	30M
075	6M	30M
30400	5.5M	30M
025	5M	30M
050	5.1M	30M
075	6M	30M
30500	6.5M	30M
025	6M	30M
050	6.1M	30M
075	8M	30M
30600	11M	30M
025	10M	30M
050	10M	30M
075	10.5M	30M
30700	12.5M	30M
025	12M	30M
050	11.5M	30M
075	11M	30M
30800	12M	30M
025	11M	30M
050	11.3M	30M
075	10M	30M
30900	5.9M	30M
025	5.6M	30M
050	5M	30M
075	4M	30M
31.00KM	6M	30M
025	5M	30M
050	5.5M	30M
075	5M	30M
31100	6M	30M
025	7.5M	30M
050	8M	30M
075	8.9M	30M
31200	10M	30M
025	10.5M	30M
050	8M	30M
075	7.5M	30M
31300	7M	30M
025	7M	30M
050	7.2M	30M
075	7M	30M
31400	7.2M	30M
025	7M	30M
050	7.1M	30M
075	7M	30M
31500	7M	30M



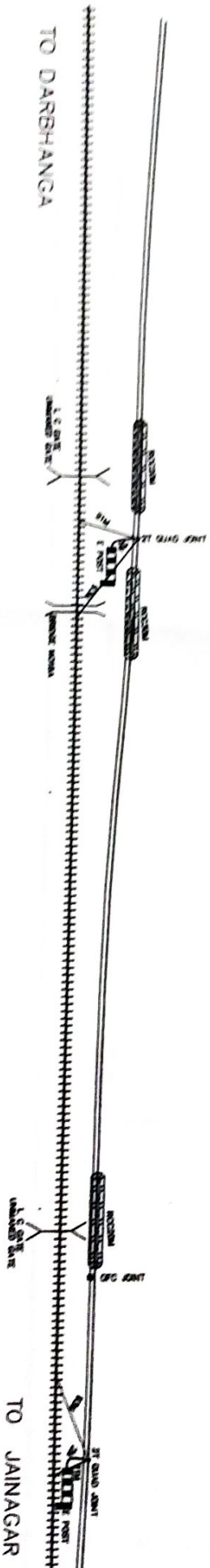
- RAILWAY TRACK
- QUAD CABLE ROUT
- OFC CABLE ROUT
- STATION BUILDING
- OFC CABLE HUT
- QUADJOINT
- OFC JOINT
- D/ JOINT
- LEVEL CROSSING
- BRIDGE OVER UNDER
- OFC CABLE LOOP
- POWER CABLE
- KATCHA/TAR ROAD
- ROC PIPE
- GI PIPE
- CULVERT
- CEMENT CONCRET
- EMERGENCY POST

BLOCK SECTION RAJNAGAR TO KHJAU	
CONTRACTOR	SSE/TELE/SAMASTIPUR
M/s BRINDA PD SINGH	
Partner	
ASTE/PROJECT/SAMASTIPUR	DY. CSTE/PROJECT/HATIPUR

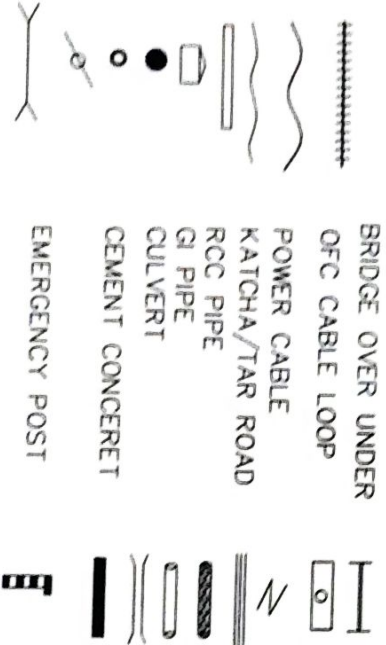
FINAL CABAL ROOT PLAN SECTION - DARBHANGA TO JAINAGAR (E. C. RAILWAY HATIPUR)

PAGE - 36

K.M	OFC QUAD FROM TRAC DISTANCE	RLY BOUN- DRY
0/000		
025	5M	30M
050	5.1M	30M
075	4.5M	30M
33100	4.5M	30M
025	4M	30M
050	3.5M	30M
075	3M	30M
33200	5M	30M
025	5M	30M
050	5.1M	30M
075	5M	30M
33300	5.3M	30M
025	5M	30M
050	5.1M	30M
075	5M	30M
33400	6.3M	30M
025	6M	30M
050	5.5M	30M
075	5M	30M
33500	4.5M	30M
025	4M	30M
050	4.1M	30M
075	5M	30M
33600	5M	30M
025	5M	30M
050	5.5M	30M
075	5M	30M
33700	5M	30M
025	5.1M	30M
050	5.2M	30M
075	5.8M	30M
33800	6.1M	30M
025	6M	30M
050	6.M1	30M
075	6M	30M
33900	5.5M	30M
025	5M	30M
050	5.1M	30M
075	5M	30M
34.00KM	5M	30M
025	5.1M	30M
050	5M	30M
075	5.1M	30M
34100	5.2M	30M
025	5M	30M
050	5M	30M
075	5M	30M
34200	5.3M	30M
025	5M	30M
050	4.5M	30M
075	4.8M	30M
34300	4M	30M
025	4M	30M
050	5M	30M
075	5.2M	30M
34400	5M	30M
025	5M	30M
050	5.1M	30M
075	5M	30M
34500	5.2M	30M



RAILWAY TRACK
QUAD CABLE ROUT
OFC CABLE ROOT
STATION BUILDING
OFC CABLE HUT
QUADJOINT
OFC JOINT
D/ JOINT
LEVEL CROSSING

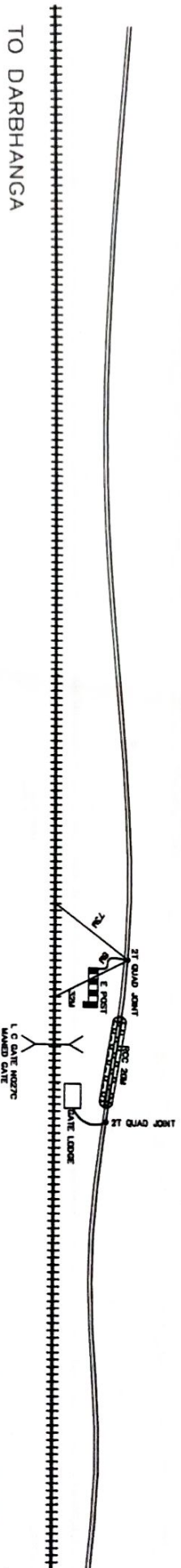


BLOCK SECTION RAJNAGAR TO KHJAU	
CONTRACTOR	MS, BRINDA PD SINGH
ASTE/PROJECT/SAMASTIPUR	Partner
Dy. CSTE/PROJECT/HATIPUR	

FINAL CABAL ROOT PLAN SECTION – DARBHANGA TO JAINAGAR (E. C. RAILWAY HATPUR)

PAGE – 37

K.M	OFC QUAD FROM TRAC DISTANCE	RLY BOUN- DRY
0/000		
025	9M	30M
050	8.5M	30M
075	8M	30M
34600	10M	30M
025	10.5M	30M
050	11M	30M
075	11.5M	30M
34700	11M	30M
025	11.5M	30M
050	11M	30M
075	10.5M	30M
34800	12M	30M
025	11M	30M
050	11.5M	30M
075	11M	30M
34900	11M	30M
025	11M	30M
050	10.5M	30M
075	10M	30M
35.00KM	10M	30M
025	10.5M	30M
050	10M	30M
075	10.5M	30M
35100	9.2M	30M
025	9M	30M
050	9.5M	30M
075	10M	30M
35200	9.5M	30M
025	9M	30M
050	8.5M	30M
075	8M	30M
35300	8M	30M
025	8.5M	30M
050	8.2M	30M
075	8M	30M
35400	8.2M	30M
025	8.1M	50M
050	8.5M	50M
075	8.8M	50M
35500	9M	50M
025	9.2M	50M
050	10M	50M
075	11M	50M
35600	12.1M	50M
025	11M	50M
050	10.5M	50M
075	10.1M	50M
35700	10M	50M
025	9.5M	50M
050	9.6M	50M
075	9.8M	50M
35800	10.5M	50M
025	10M	50M
050	10.2M	50M
075	10.3M	50M
35900	10.3M	50M
025	10M	50M
050	10.1M	50M
075	10M	50M
36.00KM	10M	50M

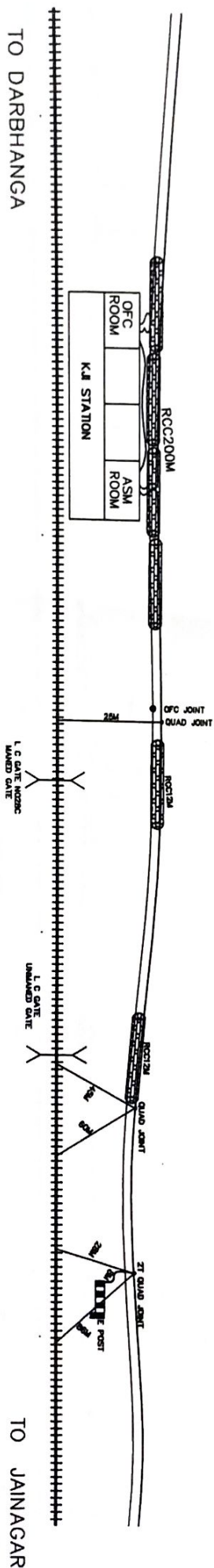


- RAILWAY TACK
- QUAD CABLE ROUT
- OFC CABLE ROOT
- STATION BUILDING
- OFC CABLE HUT
- QUADJOINT
- OFC JOINT
- D / JOINT
- LEVEL CROSSING
- BRIDGE OVER UNDER
- OFC CABLE LOOP
- POWER CABLE
- KATCHA/TAR ROAD
- RCC PIPE
- GI PIPE
- CULVERT
- CEMENT CONCERET
- EMERGENCY POST

BLOCK SECTION RAJNAGAR TO KHJALI		
CONTRACTOR	Ms BRINDA PD SINGH	SSE/TELE/SAMASTIPUR
ASTE/PROJECT/SAMASTIPUR	Partner	Dy. CSTE/PROJECT/HATPUR

PAGE - 38

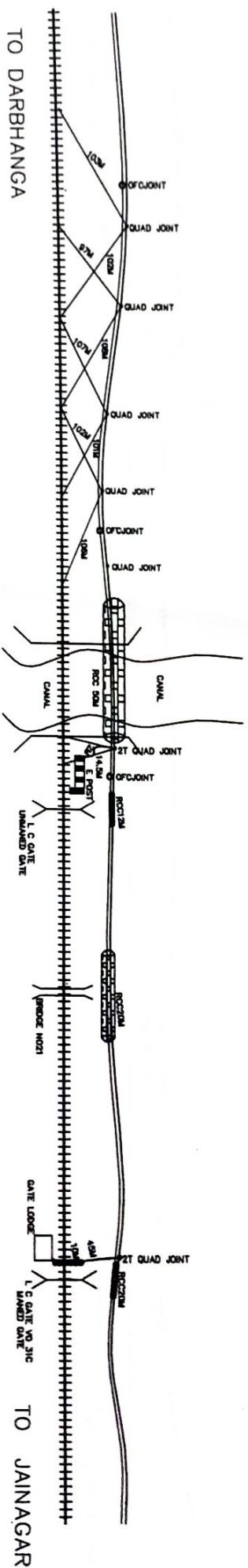
K.M	OFC QUAD FROM TRAC DISTANCE	RLY BOUN- DRY
0/000		
025	11M	82M
050	11.5M	82M
075	11.8M	82M
36100	12M	82M
025	11M	82M
050	10M	82M
075	10.1M	82M
36200	10M	82M
025	9.5M	82M
050	11M	82M
075	12.5M	82M
36300	15M	82M
025	16M	82M
050	18M	82M
075	19M	82M
36400	20M	82M
025	18M	82M
050	17M	82M
075	16M	82M
36500	15M	82M
025	15.5M	82M
050	15M	82M
075	14M	82M
36600	15M	82M
025	13M	82M
050	12M	82M
075	12.1M	40M
36700	12.4M	40M
025	12M	40M
050	16M	40M
075	18M	40M
36800	20.5M	40M
025	22M	40M
050	23M	40M
075	34M	40M
36900	35M	40M
025	30M	40M
050	29M	40M
075	27M	40M
37.00KM	26.7M	40M
025	25M	40M
050	24M	40M
075	23M	40M
37100	20M	40M
025	18M	10M
050	16M	40M
075	12M	40M
37200	10M	40M
025	9M	40M
050	9.5M	40M
075	9.8M	40M
37300	10M	40M
025	10	40M
050	10.1M	40M
075	10M	40M
37400	9.8M	40M
025	9.5M	40M
050	9M	40M
075	9.2M	40M
37500	9.5M	40M



RAILWAY TACK	+++++	BRIDGE OVER UNDER
QUAD CABLE ROUT	~~~~~	POWER CABLE
OFC CABLE ROOT	~~~~~	KATCHA/TAR ROAD
STATION BUILDING		RCC PIPE
OFC CABLE HUT		GI PIPE
QUADJOINT	●	CULVERT
OFC JOINT	○	CEMENT CONCERET
D / JOINT		
LEVEL CROSSING		EMERGENCY POST

BLOCK SECTION KHAJALI TO JAINAGAR	
CONTRACTOR Ms BRINDA PD SINGH  PARTNER	SSE/TELE/SAMASTIPUR 
ASTE/PROJECT/SAMASTIPUR 	Dy. CSTE/PROJECT/HATIPUR  23.02.08

K.M	OFC QUAD FROM TRAC DISTANCE	RLY BOUN- DRY
0/000		
025	9M	30M
050	9.5M	30M
075	8M	30M
37600	10M	30M
025	9M	30M
050	9.5M	30M
075	9M	30M
37700	10.5M	30M
025	10.2M	30M
050	10M	30M
075	11M	30M
37800	12M	30M
025	12.2M	30M
050	12M	30M
075	12.5M	30M
37900	12.5M	30M
025	12M	30M
050	12M	30M
075	11M	30M
38.00KM	20M	30M
025	21M	30M
050	20M	30M
075	10M	30M
38100	2M	30M
025	2.1M	30M
050	2M	30M
075	2M	30M
38200	2M	30M
025	3M	30M
050	5.5M	30M
075	8.9M	30M
38300	10M	30M
025	10.2M	30M
050	10M	30M
075	10.2M	30M
38400	12M	30M
025	12M	30M
050	11M	30M
075	11M	30M
38500	20M	30M
025	21M	40M
050	20M	40M
075	20.5M	40M
38600	22M	40M
025	20M	40M
050	23M	40M
075	22M	40M
38700	22M	40M
025	21M	40M
050	23M	40M
075	30M	40M
38800	40M	40M
025	39M	40M
050	35M	40M
075	32M	40M
38900	40M	40M
025	30M	40M
050	38M	40M
075	39M	40M
39.00KM	40M	40M



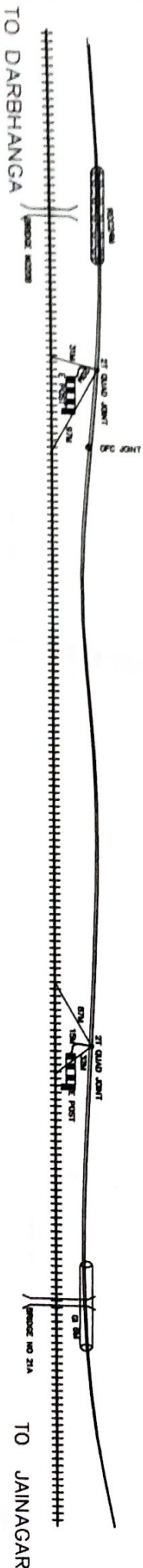
RAILWAY TRACK	+++++	BRIDGE OVER UNDER
QUAD CABLE ROUT	~~~~~	OFC CABLE LOOP
OFC CABLE ROOT	~~~~~	POWER CABLE
STATION BUILDING	▬	KATCHA/TAR ROAD
OFC CABLE HUT	▮	RCC PIPE
QUADJOINT	●	GI PIPE
OFC JOINT	○	CULVERT
D / JOINT	○/	CEMENT CONCERET
LEVEL CROSSING	—X—	EMERGENCY POST

BLOCK SECTION KHAJLAU TO JAINAGAR	
CONTRACTOR Ms. BRINDA PD SINGH Brinda Kumar. PARTNER	SSE/TELE/SAMASTIPUR 
ASTE/PROJECT/SAMASTIPUR 	DY. CSTE/PROJECT/HATIPUR  25.02.08

FINAL CABAL ROOT PLAN SECTION - DARBHANGA TO JAINAGAR (E. C. RAILWAY HATIPUR)

PAGE - 40

K.M	OFC QUAD FROM TRAC DISTANCE	RLY BOUN- DRY
0/000		
025	20M	30M
050	21M	30M
075	22M	30M
39100	22M	30M
025	21M	30M
050	20M	30M
075	20.5M	30M
39200	21.5M	30M
025	20M	30M
050	20M	30M
075	22M	30M
39300	24.5M	30M
025	23M	30M
050	21M	30M
075	20M	30M
39400	23M	30M
025	19M	30M
050	16M	30M
075	15.5M	30M
39500	15M	30M
025	15M	30M
050	15.5M	30M
075	15M	30M
39600	15M	30M
025	15.2M	30M
050	15M	30M
075	15.1M	30M
39700	14.5M	30M
025	15M	30M
050	14M	30M
075	14.1M	30M
39800	14.8M	30M
025	14M	30M
050	14.2M	30M
075	14M	30M
39900	20M	30M
025	19M	30M
050	19.5M	30M
075	18M	30M
40.00KM	20.5M	30M
025	20M	30M
050	20.5M	30M
075	20M	30M
40100	21M	30M
025	21M	30M
050	20M	30M
075	19.5M	30M
40200	20M	30M
025	20M	30M
050	20.5M	30M
075	20M	30M
40300	19M	30M
025	19.5M	30M
050	19M	30M
075	18.1M	30M
40400	19.5M	30M
025	18M	30M
050	18.3M	30M
075	18M	30M
40500	18M	30M



- RAILWAY TACK

QUAD CABLE ROUT

OFC CABLE ROOT

STATION BUILDING

OFC CABLE HUT

QUADJOINT

OFC JOINT

D/ JOINT

LEVEL CROSSING

BRIDGE OVER UNDER

OFC CABLE LOOP

POWER CABLE

KATCHA/TAR ROAD

RCC PIPE

GI PIPE

CULVERT

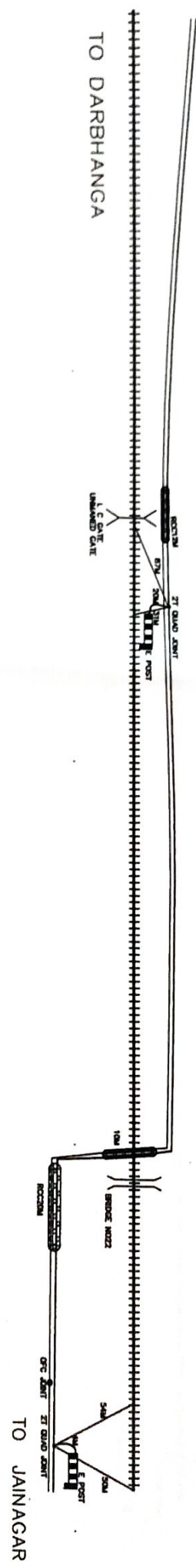
CEMENT CONCERET

EMERGENCY POST

BLOCK SECTION KHAJAU TO JAINAGAR		
CONTRACTOR	Ms BRINDA PD SINGH	SSE/TELE/SAMASTIPUR
	<i>Brinda Kumar</i>	<i>Brinda</i>
	PARTNER	
ASTE/PROJECT/SAMASTIPUR	Dy. CSTE/PROJECT/HATIPUR	<i>23.06.08</i>

FINAL CABAL ROOT PLAN SECTION - DARBHANGA TO JAINAGAR (E. C. RAILWAY HATIPUR)

K.M	OFC QUAD FROM TRAC DISTANCE	RLY BOUN- DRY
0/000		
025	17M	25M
050	17.5	25M
075	18M	25M
40600	18.5M	25M
025	18M	25M
050	18.5	25M
075	18M	25M
40700	18M	25M
025	18.5M	25M
050	18M	25M
075	10M	25M
40800	8.2M	25M
025	9M	25M
050	9.5M	25M
075	12M	25M
40900	17.6M	25M
025	18M	25M
050	19M	25M
075	19.5M	25M
41.00KM	20.2M	25M
025	20M	25M
050	20.5M	25M
075	20M	25M
41100	18.3M	25M
025	18.5M	25M
050	18M	25M
075	17M	25M
41200	17.2M	25M
025	17M	25M
050	15M	25M
075	15.2M	25M
41300	15.4M	25M
025	15M	25M
050	15M	25M
075	15.1M	25M
41400	15.8M	25M
025	15M	25M
050	15.3M	25M
075	15M	25M
41500	15M	25M
025	15.2M	25M
050	15M	25M
075	14M	25M
41600	14M	25M
025	14M	20M
050	14.2M	20M
075	14.5M	20M
41700	17.2M	20M
025	16M	20M
050	15M	20M
075	13M	20M
41800	12.1M	20M
025	11M	20M
050	10M	20M
075	9.5M	20M
41900	10M	20M
025	9.5M	20M
050	9M	20M
075	8.5M	20M
42.00KM	8.2M	20M



BLOCK SECTION KHAJAU TO JAINAGAR	
CONTRACTOR Ms BRINDA PD SINGH <i>Brinda Singh</i>	SSE/TELE/SAMASTIPUR <i>[Signature]</i>
ASTE/PROJECT/SAMASTIPUR <i>[Signature]</i>	DY. CSTE/PROJECT/HATIPUR <i>[Signature]</i> 23.02.08

FINAL CABAL ROOT PLAN SECTION - DARBHANGA TO JAINAGAR (E. C. RAILWAY HATIPUR)

K.M	OFC QUAD FROM TRAC DISTANCE	RLY BOUN- DRY
0/000		
025	10M	20M
050	9.5M	20M
075	9.2M	20M
42100	10M	20M
025	9.5M	20M
050	9M	20M
075	9.2M	20M
42200	10.5M	20M
025	9M	20M
050	9.5M	20M
075	9.1M	20M
42300	9.3M	20M
025	9M	20M
050	10M	20M
075	10.5M	20M
42400	11.2M	20M
025	11M	20M
050	10.5M	20M
075	10.2M	20M
42500	10M	20M
025	9.5M	34M
050	9M	34M
075	8M	34M
42600	8M	34M
025	8.3M	34M
050	8.5M	34M
075	8.8M	34M
42700	9.3M	34M
025	9M	34M
050	9.5M	34M
075	9.8M	34M
42800	10M	34M
025	10.2M	34M
050	10M	34M
075	9.8M	34M
42900	9.8M	34M
025	9.5M	34M
050	9M	34M
075	9.1M	34M
43000	9M	34M
025	9M	34M
050	11M	34M
075	11.5M	34M
43100	12M	34M
025	13M	34M
050	12M	34M
075	12.1M	34M
43200	12.5M	34M
025	12M	34M
050	12.2M	34M
075	12.3M	34M
43300	11M	34M
025	10M	34M
050	10.5M	34M
075	10.2M	34M
43400	10.2M	34M
025	10M	34M
050	9.5M	34M
075	9M	34M
43500	10M	34M

TO DARBHANGA

TO JAINAGAR

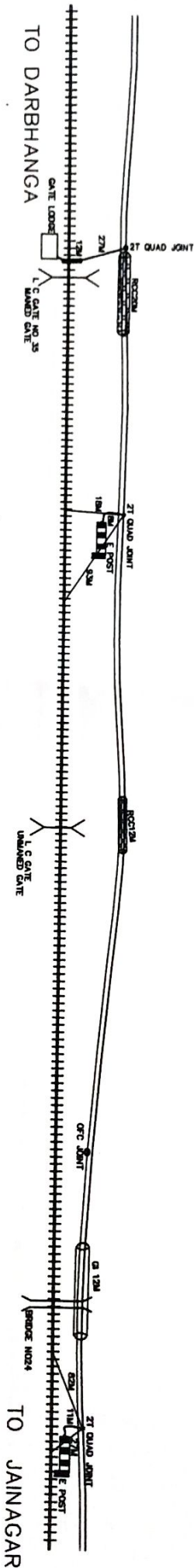
- RAILWAY TACK
- QUAD CABLE ROUT
- OFC CABLE ROOT
- STATION BUILDING
- OFC CABLE HUT
- QUADJOINT
- OFC JOINT
- D/ JOINT
- LEVEL CROSSING
- BRIDGE OVER UNDER
- OFC CABLE LOOP
- POWER CABLE
- KATCHA/TAR ROAD
- RCC PIPE
- GI PIPE
- CULVERT
- CEMENT CONCERET
- EMERGENCY POST



CONTRACTOR		SSE/TELE/SAMASTIPUR	
Ms. BRINDA PD SINGH			
Partner			
ASTE/PROJECT/SAMASTIPUR		Dy. CSTE/PROJECT/HATIPUR	
[Signature]		[Signature]	
13.02.08			

FINAL CABAL ROOT PLAN SECTION - DARBHANGA TO JAINAGAR (E. C. RAILWAY HATIPUR)

K.M	OFC QUAD FROM TRAC DISTANCE	RLY BOUN- DRY
0/000		
025	15M	20M
050	15.5M	20M
075	16M	20M
43600	16M	20M
025	16M	20M
050	15M	20M
075	16M	20M
43700	15M	20M
025	15.5M	20M
050	15M	20M
075	15.2M	20M
43800	12M	20M
025	15M	20M
050	15.6M	20M
075	15.5M	20M
43900	9.8M	20M
025	10M	20M
050	8.5M	20M
075	9M	20M
4400KM	8M	20M
025	8M	20M
050	10M	20M
075	10.5M	20M
44100	12M	20M
025	11M	20M
050	10.5M	20M
075	10M	20M
44200	10M	20M
025	9M	20M
050	8.5M	20M
075	8.2M	20M
44300	8M	20M
025	7.5M	15M
050	7.6M	15M
075	7.2M	15M
44400	7M	15M
025	7.3M	15M
050	8M	15M
075	8.5M	15M
44500	9M	15M
025	9M	15M
050	9.2M	15M
075	9M	15M
44600	9.3M	15M
025	9M	15M
050	9.5M	15M
075	9.8M	15M
44700	10M	15M
025	10M	15M
050	10.2M	15M
075	10M	15M
44800	10.8M	15M
025	10.6M	15M
050	10M	15M
075	10.5M	15M
44900	10M	15M
025	10M	15M
050	10.1M	15M
075	10.2M	15M
45.00KM	10M	15M



RAILWAY TRACK
QUAD CABLE ROUT
OFC CABLE ROOT
STATION BUILDING
OFC CABLE HUT
QUADJOINT
OFC JOINT
D / JOINT
LEVEL CROSSING

BRIDGE OVER UNDER
OFC CABLE LOOP
POWER CABLE
KATCHA/TAR ROAD
RCC PIPE
GI PIPE
CULVERT
CEMENT CONCERET
EMERGENCY POST

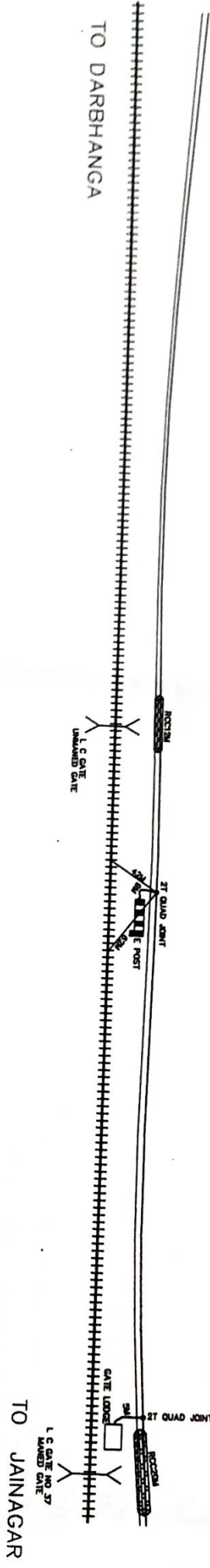


BLOCK SECTION KHAJALI TO JAINAGAR			
CONTRACTOR		SSE/TELE/SAMASTIPUR	
Ms BRINDA PD SINGH		Partner	
ASTE/PROJECT/SAMASTIPUR		Dy. CSTE/PROJECT/HATIPUR	

FINAL CABAL ROOT PLAN SECTION - DARBHANGA TO JAINAGAR (E. C. RAILWAY HATIPUR)

PAGE - 44

K.M	OFC QUAD FROM TRAC DISTANCE	RLY BOUN-DRY
0/000		
025	8M	30M
050	8.5M	30M
075	8.3M	30M
45100	9M	30M
025	9.2M	30M
050	9.5M	30M
075	9.3M	30M
45200	10M	30M
025	9.5M	30M
050	9.1M	30M
075	8M	30M
45300	8M	30M
025	8.2M	30M
050	7.5M	30M
075	7.2M	30M
45400	7M	30M
025	7.1M	30M
050	7.5M	30M
075	8.1M	30M
45500	9.5M	30M
025	9.2M	30M
050	9M	30M
075	9M	30M
45600	8.3M	30M
025	8M	30M
050	8M	30M
075	10M	30M
45700	12.1M	30M
025	11M	30M
050	11.5M	30M
075	11.6M	30M
45800	12M	30M
025	11M	30M
050	10.5M	30M
075	10.8M	30M
45900	10M	30M
025	10.2M	22M
050	10M	22M
075	9.8M	22M
46.00KM	8.7M	22M
025	8.6M	22M
050	8M	22M
075	8.2M	22M
46100	8.2M	22M
025	8M	22M
050	8.1M	22M
075	8M	22M
46200	7.5M	22M
025	7M	22M
050	7.1M	22M
075	7.2M	22M
46300	8M	22M
025	8M	22M
050	8.5M	22M
075	8.3M	22M
46400	8.3M	22M
025	8.5M	22M
050	8M	22M
075	8.1M	22M
46500	8.9M	22M



RAILWAY TACK
 QUAD CABLE ROUT
 OFC CABLE ROOT
 STATION BUILDING
 OFC CABLE HUT
 QUADJOINT
 OFC JOINT
 D/ JOINT
 LEVEL CROSSING

BRIDGE OVER UNDER
 OFC CABLE LOOP
 POWER CABLE
 KATCHA/TAR ROAD
 RCC PIPE
 GI PIPE
 CULVERT
 CEMENT CONCRET
 EMERGENCY POST

BLOCK SECTION KHAJAU TO JAINAGAR	
CONTRACTOR Ms BRINDA PD SINGH Partner	SSE/TELE/SAMASTIPUR Dy. CSTE/PROJECT/HATIPUR
ASTE/PROJECT/SAMASTIPUR	

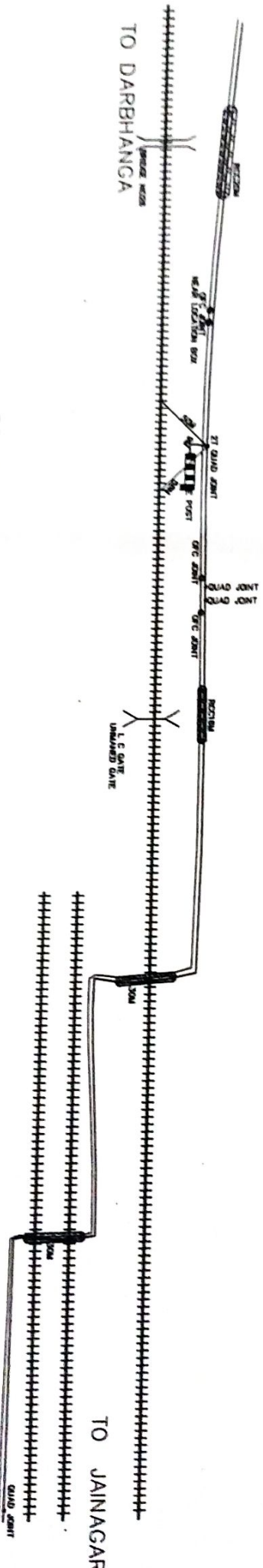
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[Signature]

[Signature]

23.02.08

K.M	OFC QUAD FROM TRAC DISTANCE	RLY BOUN- DRY
0/000		
025	7M	750M
050	7.5M	750M
075	7.8M	750M
46600	8M	750M
025	8.5M	750M
050	8.6M	750M
075	8.8M	750M
46700	9M	750M
025	9.1M	750M
050	8.5M	750M
075	7M	750M
46800	7.3M	750M
025	7M	750M
050	7.5M	750M
075	7.3M	750M
46900	8.2M	750M
025	8M	750M
050	8.5M	750M
075	8M	750M
47.00KM	9.9M	750M
025	9.5M	750M
050	9M	750M
075	10M	750M
47100	11M	750M
025	12M	750M
050	11M	750M
075	13M	750M
47200	14.5M	750M
025	12M	750M
050	12.5M	750M
075	12.8M	750M
47300	13M	750M
025	13M	750M
050	14M	750M
075	14.1M	750M
47400	14M	750M
025	14.5M	750M
050	10M	750M
075	5M	750M
47500	3M	750M
025	3.1M	750M
050	2.5M	750M
075	2.2M	750M
47600	2M	750M
025	2.1M	750M
050	2M	750M
075	2.3M	750M
47700	2.5M	750M
025	2.8M	750M
050	5M	750M
075	9M	750M
47800	15M	750M
025	15.5M	750M
050	15M	750M
075	15.1M	750M
47900	15M	750M
025	15.1M	750M
050	15M	750M
075	15.2M	750M
48.00KM	14.9M	750M



RAILWAY TRACK
 QUAD CABLE ROUT
 OFC CABLE ROOT
 STATION BUILDING
 OFC CABLE HUT
 QUADJOINT
 OFC JOINT
 D/ JOINT
 LEVEL CROSSING

BRIDGE OVER UNDER
 OFC CABLE LOOP
 POWER CABLE
 KATCHA/TAR ROAD
 RCC PIPE
 GI PIPE
 CULVERT
 CEMENT CONCRET
 EMERGENCY POST

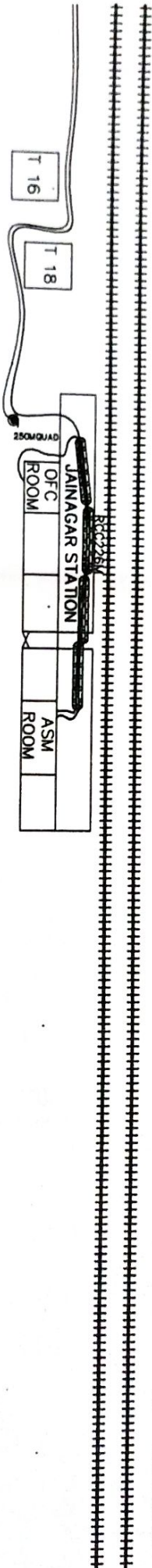


BLOCK SECTION KHAJAU TO JAINAGAR	
CONTRACTOR Ms BRINDA PD SINGH Partner	SSE/TELE/SAMASTIPUR
ASTE/PROJECT/SAMASTIPUR 	DY. CSTE/PROJECT/HATIPUR

K.M	OFC QUAD FROM TRAC DISTANCE	RLY BOUN-DRY
0/000		750M
025	6M	750M
050	6.5M	750M
075	6.8M	750M
48100	7M	750M
025	7.2M	750M
050	7.5M	750M
075	7.3M	750M
48200	7.5M	750M
025	7.3M	750M
050	7M	750M
075	6.5M	750M
48300	6M	750M
025	6.1M	750M
050	6M	750M
075	6.1M	750M
48400	6.2M	750M
025	6M	750M
050	6.2M	750M
075	6M	750M
48500	6.5M	750M
025	6M	750M
050	6.1M	750M
075	6M	750M
48600	6M	750M
025		
050		
075		
48700		
025		
050		
075		
48800		
025		
050		
075		
48900		
025		
050		
075		
49.00KM		
025		
050		
075		
49100		
025		
050		
075		
49200		
025		
050		
075		
49300		
025		
050		
075		
49400		
025		
050		
075		
49500		

TO DARBHANGA

TO JAINAGAR



RAILWAY TRACK
QUAD CABLE ROUT
OFC CABLE ROOT
STATION BUILDING
OFC CABLE HUT
QUADJOINT
OFC JOINT
D/ JOINT
LEVEL CROSSING

BRIDGE OVER UNDER
OFC CABLE LOOP
POWER CABLE
KATCHA/TAR ROAD
RCC PIPE
GI PIPE
CULVERT
CEMENT CONCERET
EMERGENCY POST

BLOCK SECTION KHAJALI TO JAINAGAR	
CONTRACTOR	SSE/TELE/SAMASTIPUR
Ms. BRINDA PD SINGH	
Partner	
ASTE/PROJECT/SAMASTIPUR	DY. CSTE/PROJECT/HATIPUR

[Signature]

Ms. BRINDA PD SINGH
Partner

[Signature]

23.02.08