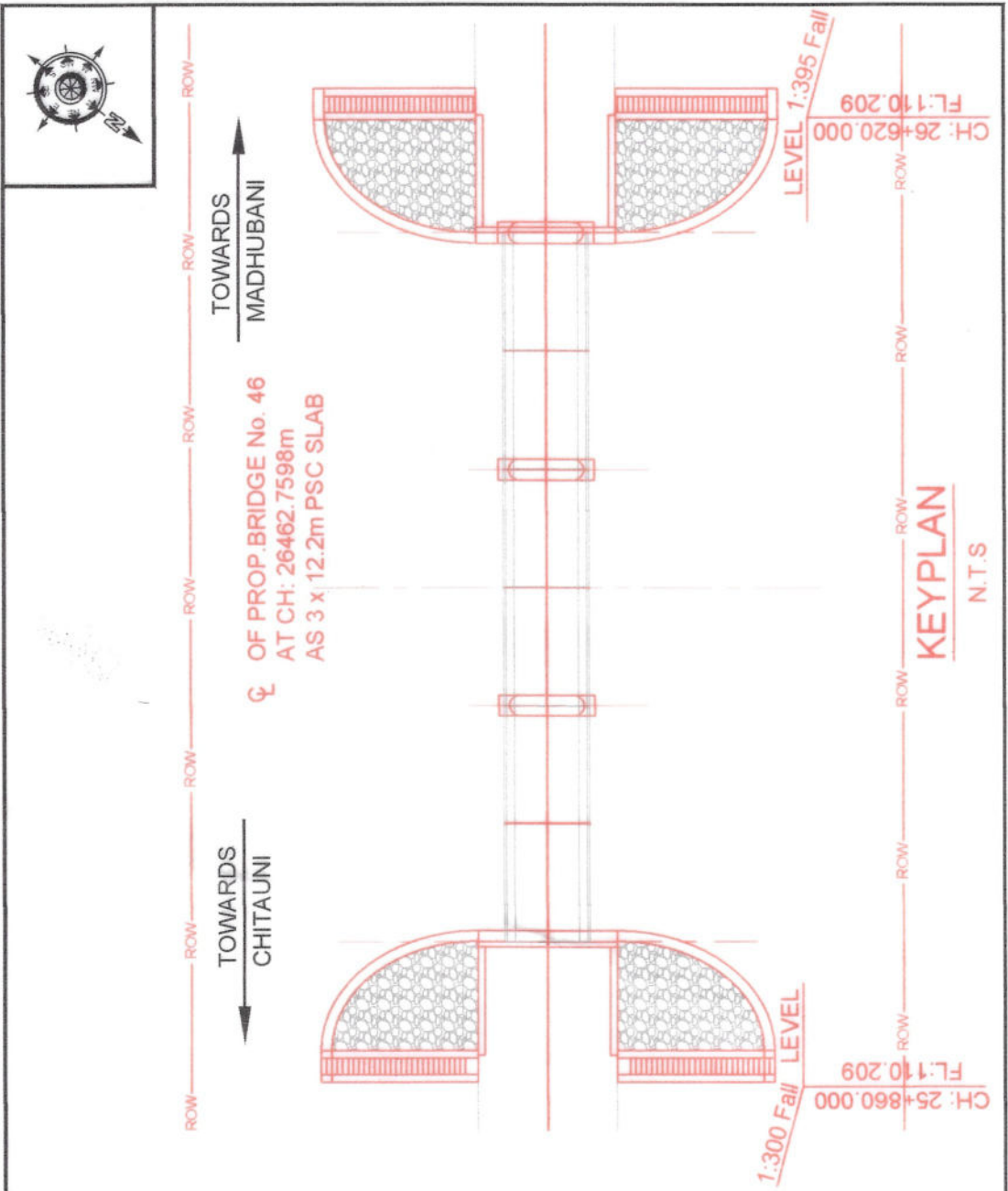


AUTHORITY OF WORK
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- NOTE:-
1. PROPOSED WORKS SHOWN RED.
2. ALL DIMENSIONS ARE IN mm & ALL LEVELS ARE IN METERS UNLESS OTHERWISE SPECIFIED.
3. MINIMUM GRADE OF CONCRETE TO BE FOLLOWED :
(a) BED BLOCK - M35
(b) ABUTMENT/PIER - M30
(c) PILE CAP - M35C
(d) PILE - M35
(e) ABUTMENT/PIER - M30
(f) PILE - M35C
(g) PILE - M35
(h) PILE - M35C
(i) PILE - M35C
(j) PILE - M35C
(k) PILE - M35C
(l) PILE - M35C
(m) PILE - M35C
(n) PILE - M35C
(o) PILE - M35C
(p) PILE - M35C
(q) PILE - M35C
(r) PILE - M35C
(s) PILE - M35C
(t) PILE - M35C
(u) PILE - M35C
(v) PILE - M35C
(w) PILE - M35C
(x) PILE - M35C
(y) PILE - M35C
(z) PILE - M35C

4. THE DESIGN BASED ON FOLLOWING CODE WITH LATEST CORRECTION SLIPS.
(a) IRS BRIDGE SUBSTRUCTURE AND FOUNDATION CODE.
(b) IRS BRIDGE RULES.
(c) IRS CONCRETE BRIDGE CODE.
(d) IS-456-2000.
(e) IS-2811-2010 PART-1-SECTION-2.
(f) ALL THE CONCRETE SHALL BE DESIGNED MIXED CONTROLLED CONCRETE AS PER IRS CONCRETE BRIDGE AND IS-456-2000.
(g) THE CRUSHING STRENGTH OF CONCRETE SHALL BE AS PER CRITERIA SPECIFIED IN IRS CONCRETE BRIDGE CODE AND IS-456-2000.
(h) THE CRUSHING STRENGTH OF CONCRETE SHALL BE AS PER CRITERIA SPECIFIED IN IRS CONCRETE BRIDGE CODE AND IS-456-2000.
(i) THE CRUSHING STRENGTH OF CONCRETE SHALL BE AS PER CRITERIA SPECIFIED IN IRS CONCRETE BRIDGE CODE AND IS-456-2000.
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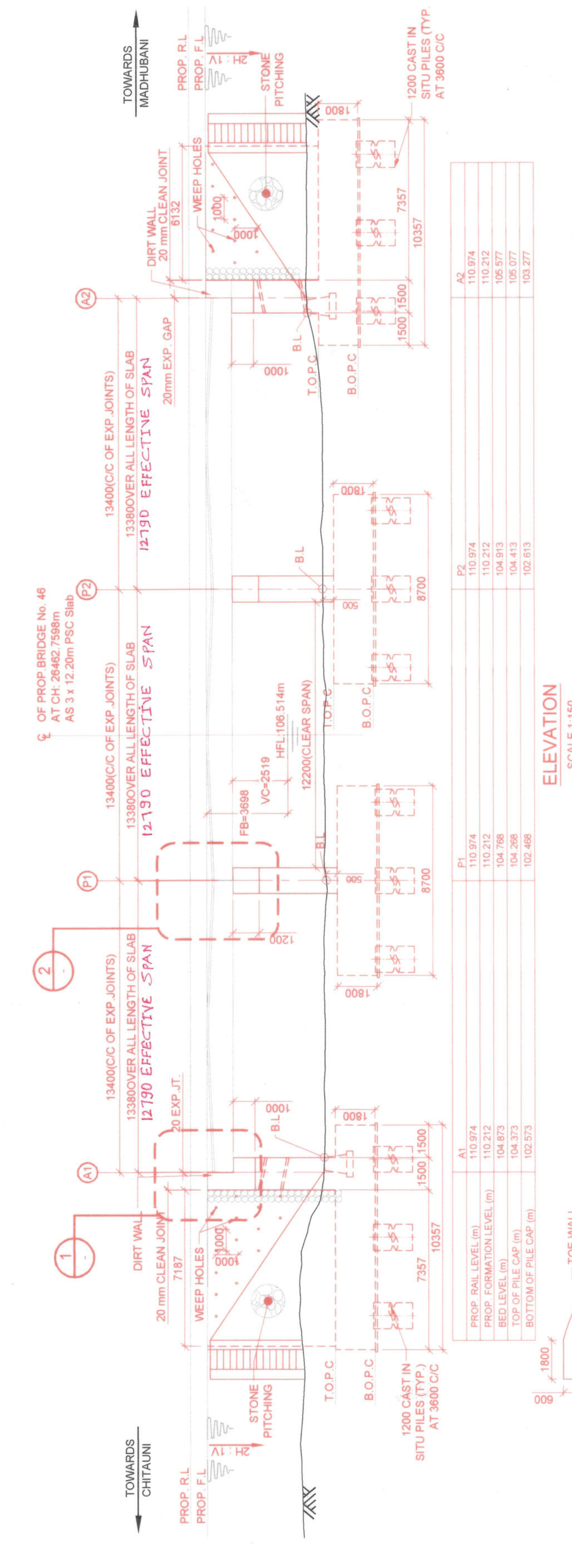
BOREHOLE PROFILE
SECTION: CHITAU NI TO MADHUBANI
Bore Hole terminated at 40.45M.

DEPTH (M)	SPT N-VALUE	DESCRIPTION OF SOIL	CLASSIFICATION
0.00	1.5	ML	ML
1.50	1.95	2	2
3.00	3.45	5	5
4.50	4.95	8	8
6.00	6.45	12	12
7.50	7.95	16	16
9.00	9.45	18	18
10.50	10.95	20	20
12.00	12.45	21	21
13.50	13.95	26	26
15.00	15.45	31	31
16.50	16.95	35	35
18.00	18.45	37	37
19.50	19.95	33	33
21.00	21.45	31	31
22.50	22.95	39	39
24.00	24.45	46	46
25.50	25.95	57	57
27.00	27.45	64	64
28.50	28.95	73	73
30.00	30.45	78	78
31.50	31.95	82	82
33.00	33.45	83	83
34.50	34.95	89	89
36.00	36.45	100	100
37.50	37.95	90	90
39.00	39.45	100	100
40.00	40.45	100	100

BRIDGE NO.: 46
BOREHOLE NO.: 02

DEPTH (M)	SPT N-VALUE	DESCRIPTION OF SOIL	CLASSIFICATION
0.00	1.5	ML	ML
1.50	1.95	2	2
3.00	3.45	5	5
4.50	4.95	8	8
6.00	6.45	12	12
7.50	7.95	16	16
9.00	9.45	18	18
10.50	10.95	20	20
12.00	12.45	21	21
13.50	13.95	26	26
15.00	15.45	31	31
16.50	16.95	35	35
18.00	18.45	37	37
19.50	19.95	33	33
21.00	21.45	31	31
22.50	22.95	39	39
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25.50	25.95	57	57
27.00	27.45	64	64
28.50	28.95	73	73
30.00	30.45	78	78
31.50	31.95	82	82
33.00	33.45	83	83
34.50	34.95	89	89
36.00	36.45	100	100
37.50	37.95	90	90
39.00	39.45	100	100
40.00	40.45	100	100

BRIDGE NO.: 46
BOREHOLE NO.: 01



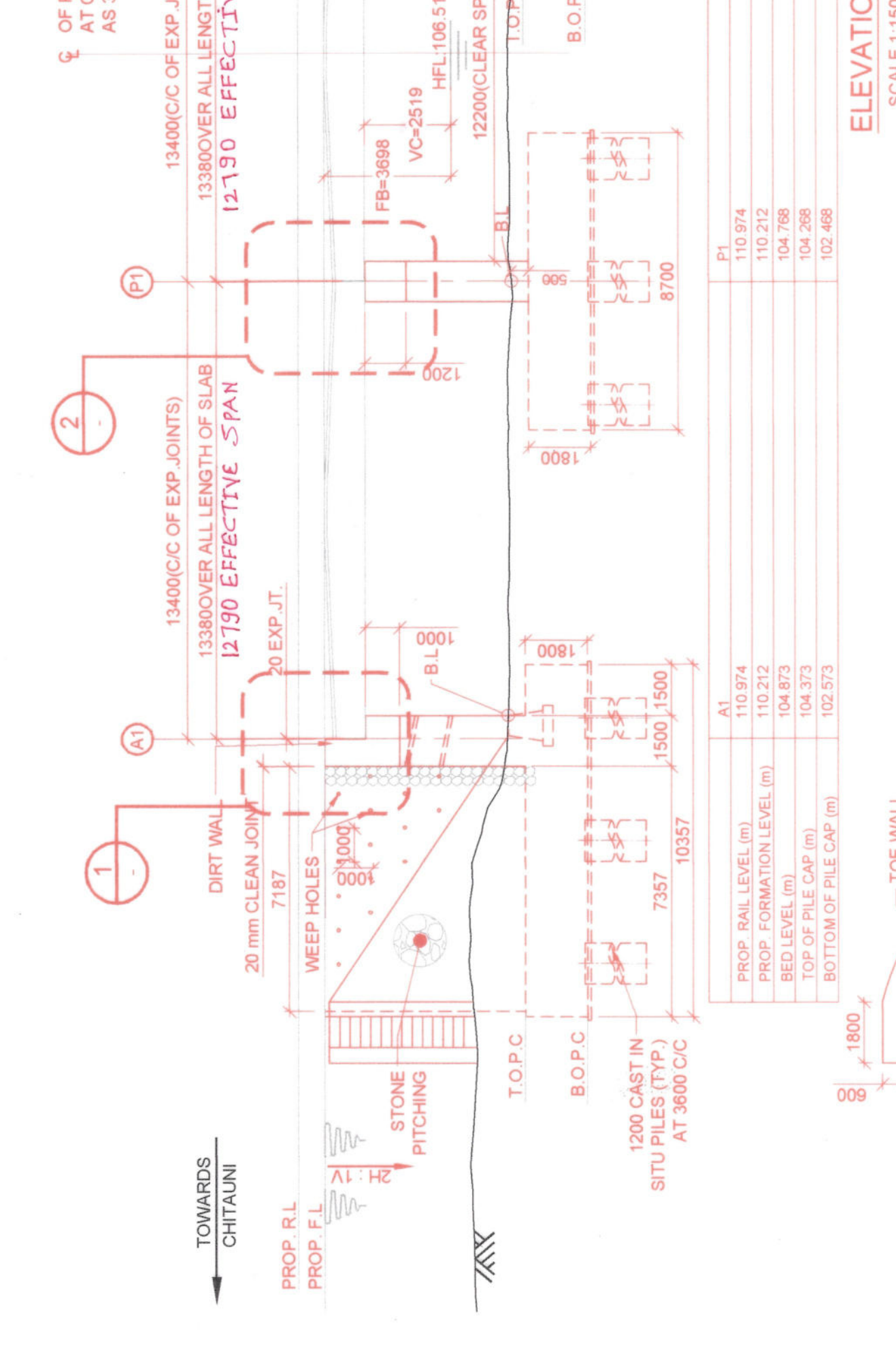
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SECTION: CHITAU NI TO MADHUBANI
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