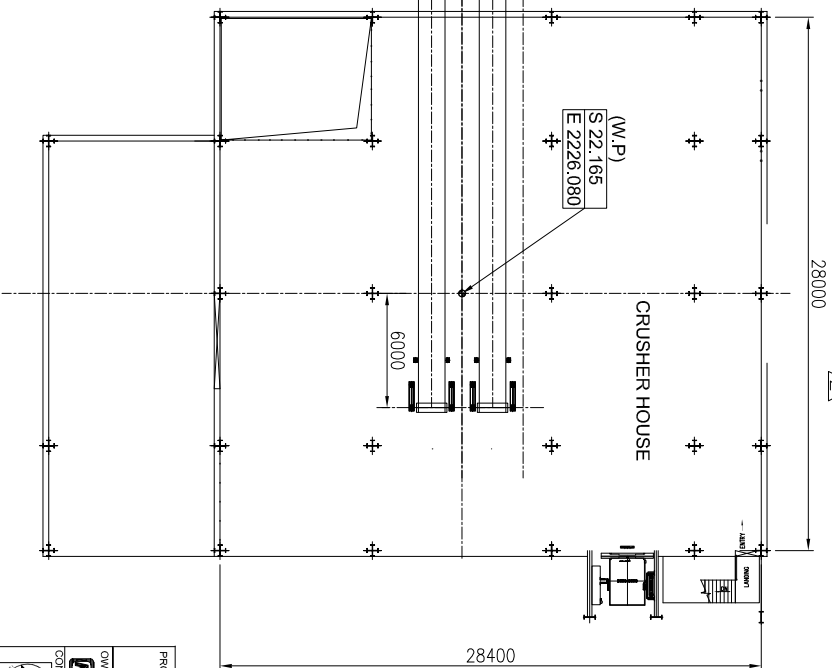
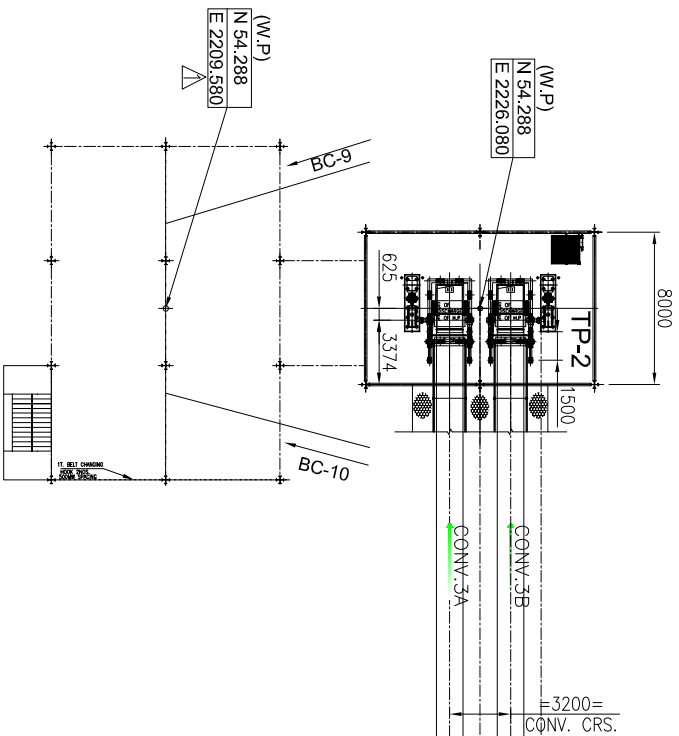
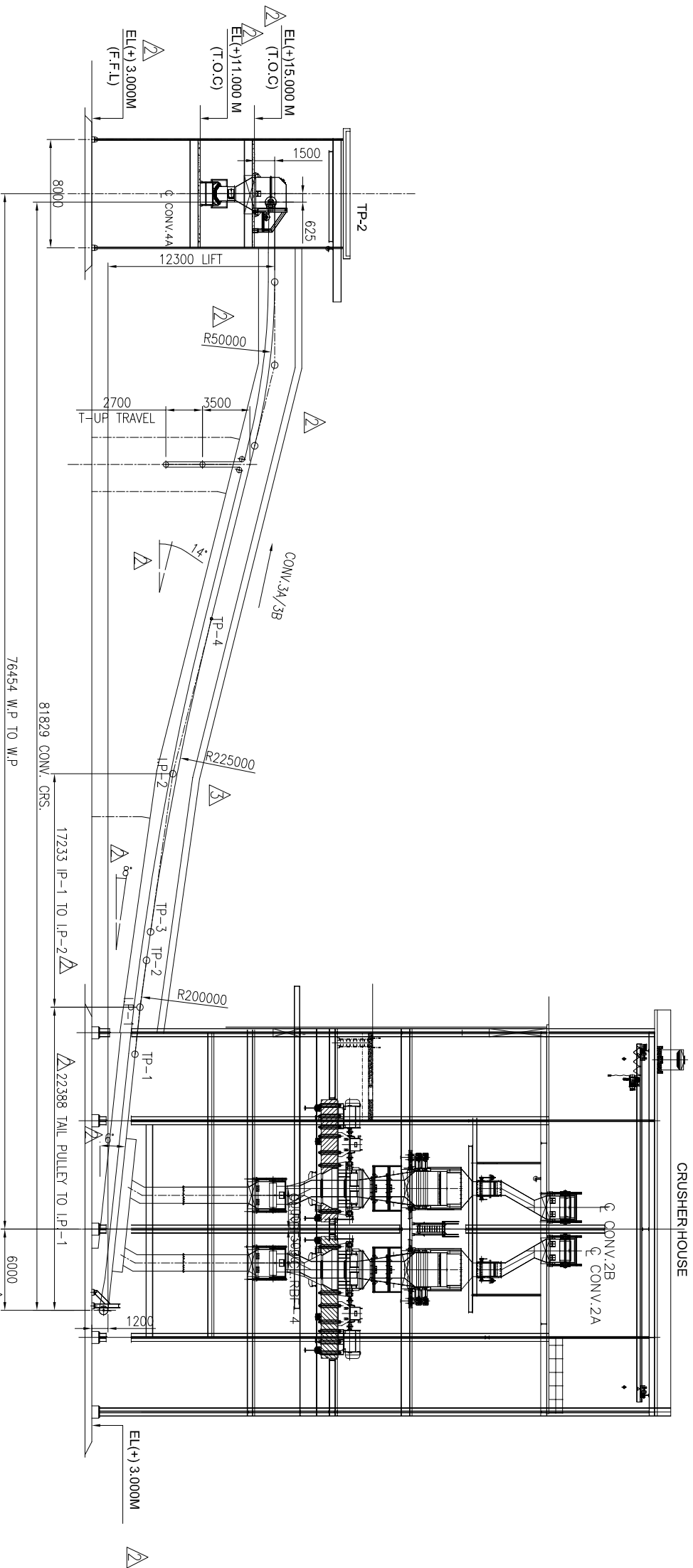


3. All information on this document is the property of BHARAT HEAVY ELECTRICALS LIMITED and must not be used directly or indirectly in any way detrimental to the interest of the company.

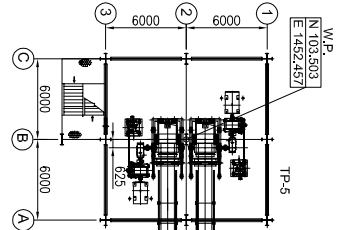
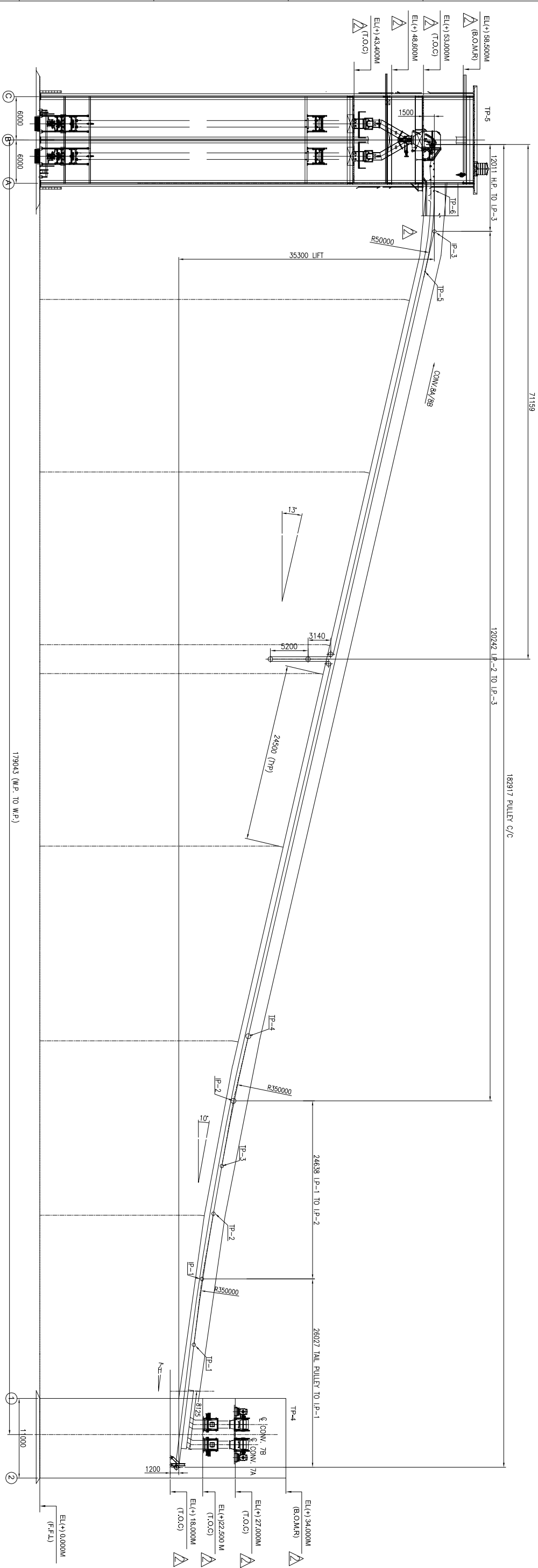
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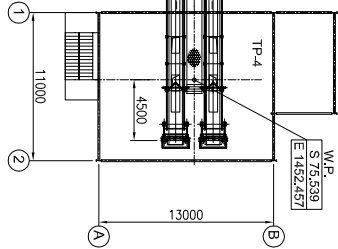
BASIC PARAMETER	
SL.NO	DESCRIPTION
CONV. NO	3A/B
B/W (mm)	1400
LENGTH(C/C)	81829
LIFT (M)	12300
BELT SPEED	2.8m/s
INCLINATION	14°
MATERIAL TYPE	COAL
BULK DENSITY	0.8
BELT RATING	630/4
TOP/BOTTOM COVER COVER	6/3 mm
BELT CARCASS	N-N
ASSUMED HEAD&TAIL PULLEY DIA	630/500
REQUIRED MOTOR POWER	132 kW

3	20-07-17	REVISED AS PER DISCUSSION WITH MECOM	J.S.	S.J.	V.J.
2	26-12-16	REVISED AS PER DISCUSSION WITH MECOM	J.S.	S.J.	V.J.
1	29-11-16	REVISED AS PER MECOM COMMENTS DATED 1-11-16	J.S.	S.J.	V.J.
REV DATE	BRIEF RECORD			DRN	CHK APP

[illegible]



CONV-8A/B



BASIC PARAMETER

S.NO	DESCRIPTION
CONV. NO	8A/B
B/W (mm)	1000
LENGTH(C/C)	182917
LIFT (M)	35300
BELT SPEED	3.2m/s
INCLINATION	1°
MATERIAL TYPE	COAL
BULK DENSITY	0.8
BELT RATING	1000/4
TOP/BOTTOM COVER	6/3 mm
BELT CARCASS	N-N
ASSUMED HEAD&TAIL PULLEY DIA	630/500
REQUIRED MOTOR POWER	180 kW

1	29-11-16	REVISED AS PER MECON COMMENTS DATED 1-11-16	J.S.	S.J.	V.J.
2	19-01-17	REVISED AS PER MECON COMMENTS DATED 19-01-17	J.S.	S.J.	V.J.

DATE	BRIEF RECORD	DRN	CHK	APP
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TITLE : G. A. OF PROFILE FOR CONV.8A/B

NO. OF SHEETS	8
NO. OF REV	2

PROJECT : ROURKELA PP-II EXPANSION PROJECT (1X250 MW)

OWNER : NTPC-SAIL POWER COMPANY PVT. LTD.

MECON LIMITED
भारत हेवी इलेक्ट्रिकल्स

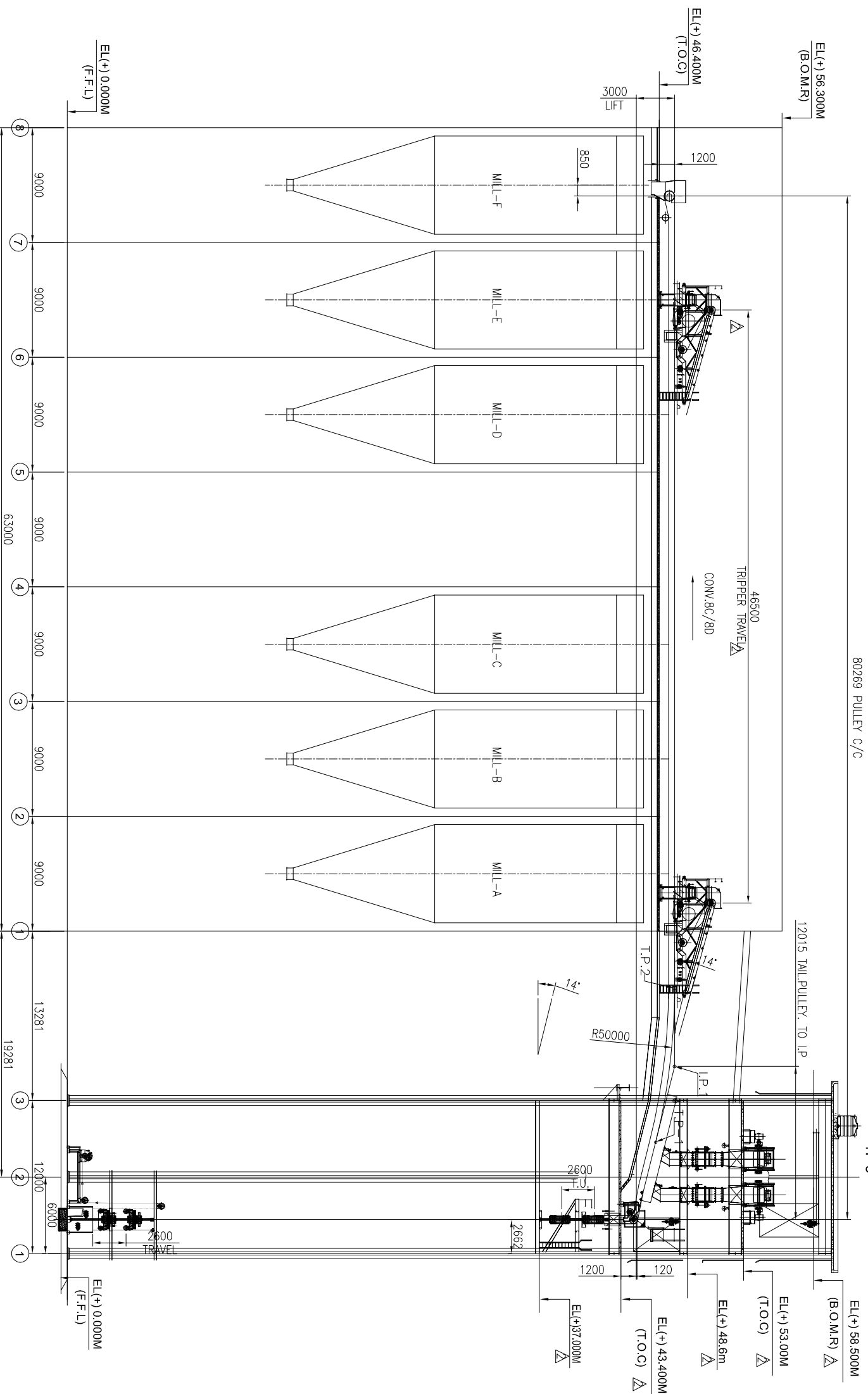
BHARAT HEAVY ELECTRICALS LTD
INDUSTRIAL SYSTEMS GROUP,
BANGALORE

DATE : 13

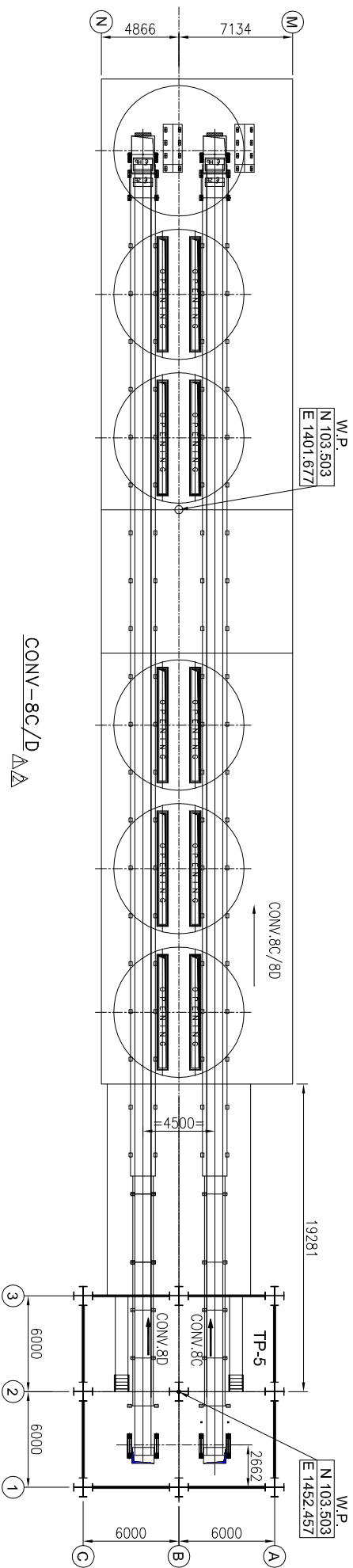


TITLE : G. A. OF PROFILE FOR CONV.8A/B

NO. OF SHEETS	8
NO. OF REV	2

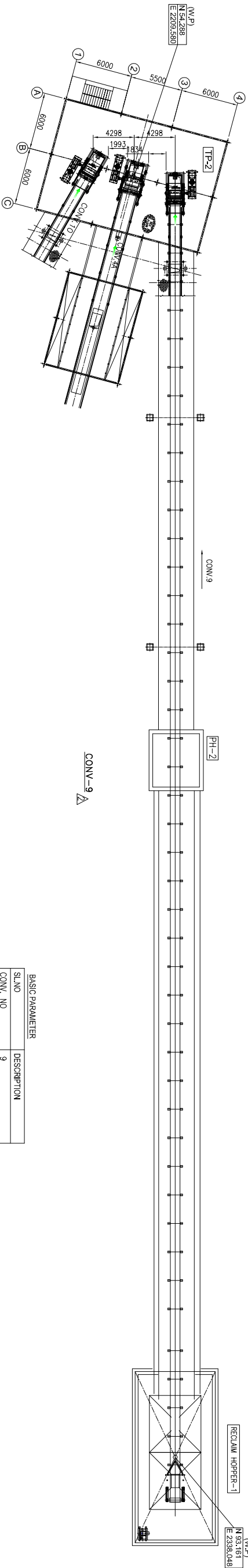
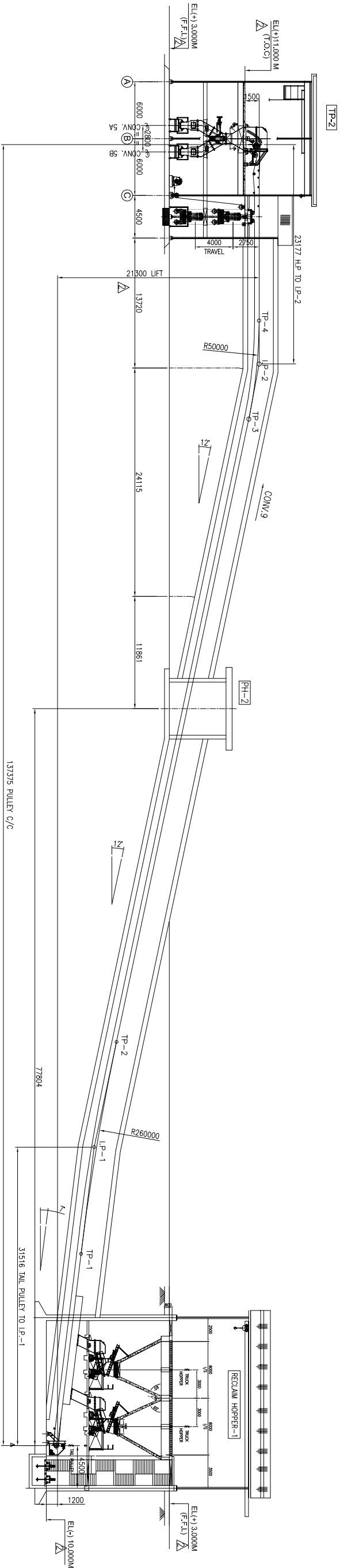


BASIC PARAMETER	
S/L NO	DESCRIPTION
CONV. NO	8C/D
B/W (mm)	1000
LENGTH(C/C)	80269
LIFT (M)	2943
BELT SPEED	3.2m/s
INCLINATION	14°
MATERIAL TYPE	COAL
BULK DENSITY	0.8
BELT RATING	630/4
TOP/BOTTOM COVER COVER	6/3 mm
BELT CARCASS	N—N
ASSUMED HEAD&TAIL PULLEY DIA	500/400
REQUIRED MOTOR POWER	75kW



2	19-01-17	REVISED AS PER MECON COMMENTS DATED 19-01-17	J.S.	S.J.	
1	29-11-16	REVISED AS PER MECON COMMENTS DATED 1-11-16	J.S.	S.J.	
REV	DATE	BRIEF RECORD	DRN	CHK	A

[illegible]



BASIC PARAMETER

S.NO	DESCRIPTION
CONV. NO	9
B/W (mm)	1000
LENGTH(C/C)	137375
LIFT (M)	21300
BELT SPEED	3.2m/s
INCLINATION	17°
MATERIAL TYPE	COAL
BULK DENSITY	0.8
BELT RATING	630/4
TOP/BOTTOM COVER	6/3 mm
BELT CARCASS	N-N
ASSUMED HEAD&TAIL PULLEY DIA	630/500
REQUIRED MOTOR POWER	132 KW

3	28-01-17	REVISED AS PER LEVELS CHANGED IN TP-2	J.S.	S.J.	V.J.
2	26-12-16	REVISED AS PER DISCUSSION WITH MECON	J.S.	S.J.	V.J.
1	29-11-16	REVISED AS PER MECON COMMENTS DATED 1-11-16	J.S.	S.J.	V.J.
REV	DATE	BRIEF RECORD	DRN	CHK	APP

PROJECT :

ROURKELA PP-II EXPANSION PROJECT (1X250 MW)

OWNER

NTPC-SAIL POWER COMPANY PVT. LTD.

CONSULTANT

MECON LIMITED
भारत नैवेद्य

BHARAT HEAVY ELECTRICALS LTD
INDUSTRIAL SYSTEMS GROUP,
BANGALORE

TITLE :

G. A. OF PROFILE FOR CONV. 9

SCALE

BHEL JOB NO. IS-1-GA-708-101-M004

BHEL JOB NO.

DRG NO. IS-1-GA-708-101-M004

NAME

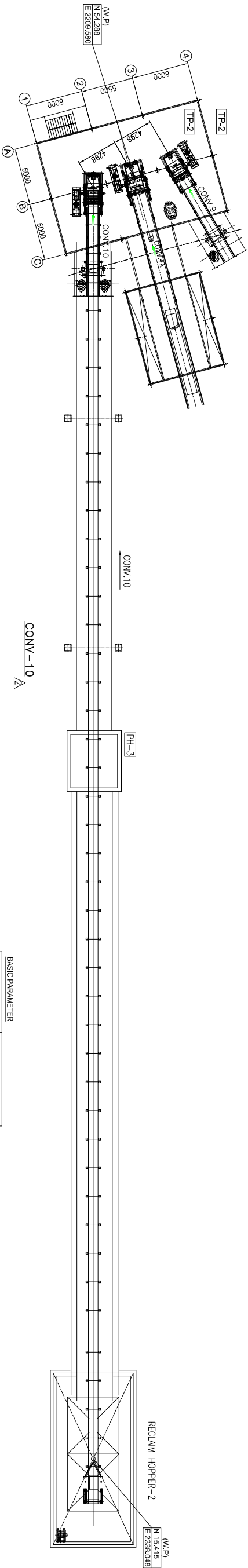
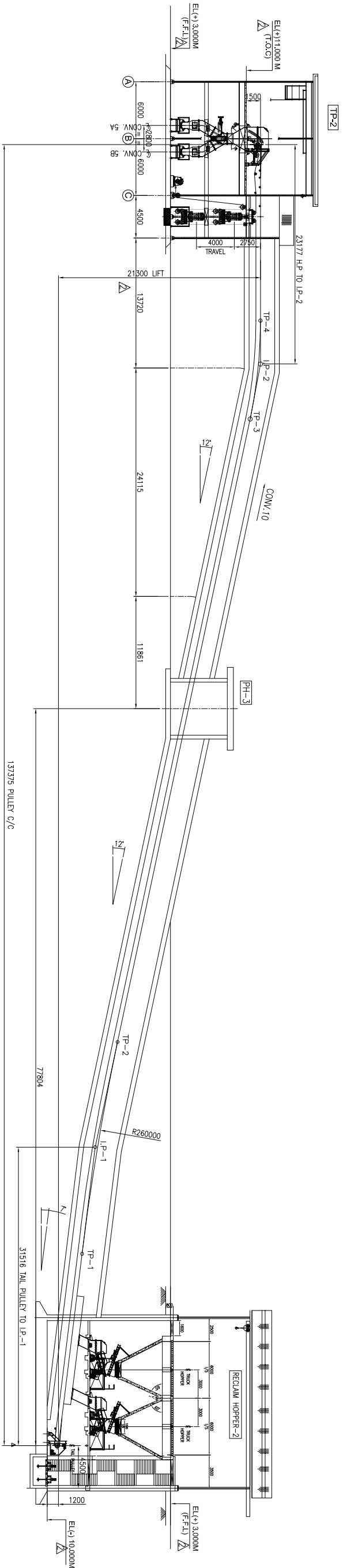
DATE

NO. OF SHEETS

REV

NO. OF SHEETS

REV

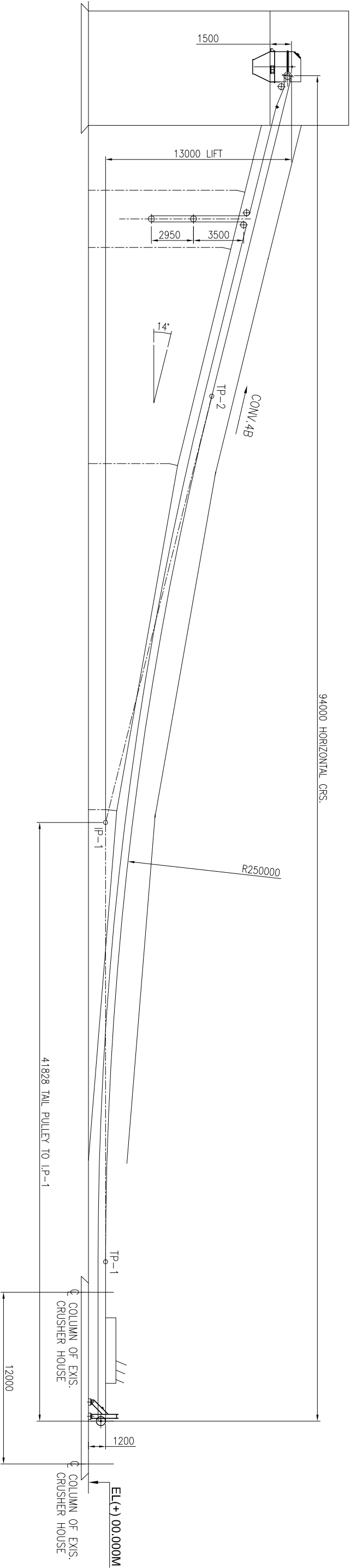


BASIC PARAMETER	
S/L NO	DESCRIPTION
CONV. NO	10
B/W (mm)	1000
LENGTH(C/C)	137375
LIFT (M)	21300 Δ
BELT SPEED	3.2m/s
INCLINATION	12°
MATERIAL TYPE	COAL
BULK DENSITY	0.8
BELT RATING	630/4
TOP/BOTTOM COVER	6/3 mm
BELT CARCASS	N-N
ASSUMED HEAD&TAIL PULLEY DIA	630/500
REQUIRED MOTOR POWER	132 kW

3	28-01-17	REVISED AS PER LEVELS CHANGED IN TP-2	J.S.	S.J.	V.J.
2	26-12-16	REVISED AS PER DISCUSSION WITH MECON	J.S.	S.J.	V.J.
1	29-11-16	REVISED AS PER MECON COMMENTS DATED 1-11-16	J.S.	S.J.	V.J.
REV	DATE	BRIEF RECORD	DRN	CHK	APP

PROJECT :	ROURKELA PP-II EXPANSION PROJECT (1X250 MW)
OWNER :	NTPC-SAIL POWER COMPANY PVT. LTD.
CONSULTANT :	MECON LIMITED भारत नैवेद्य
INDUSTRIAL SYSTEMS GROUP, BANGALORE	
TITLE :	G.A. OF PROFILE FOR CONV.-10
BHEL JOB NO.	BHEL JOB NO.
BHEL NO.	BHEL NO.
SCALE	SCALE
DATE	DATE
NO. OF SHEETS	NO. OF SHEETS
NO. OF REV	NO. OF REV

94000 HORIZONTAL CRS.



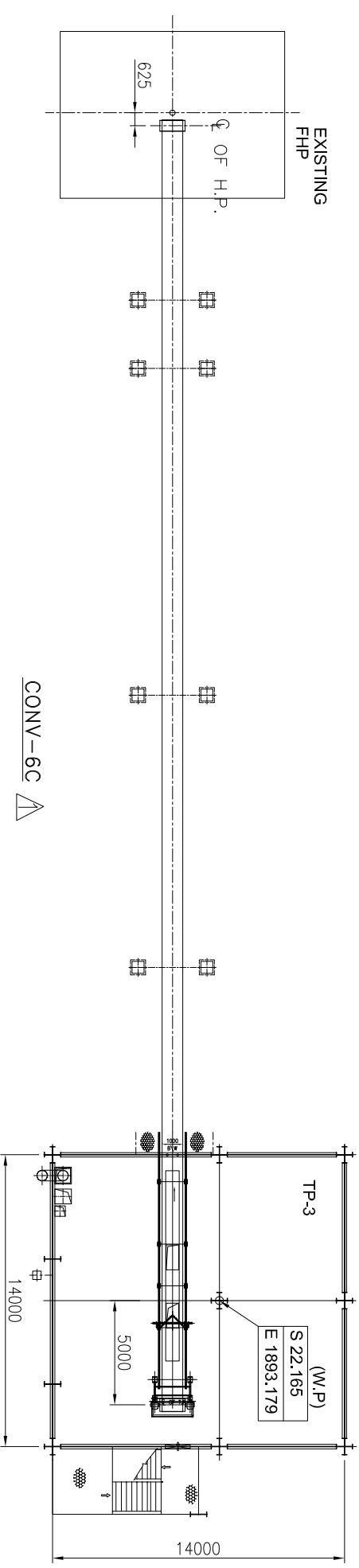
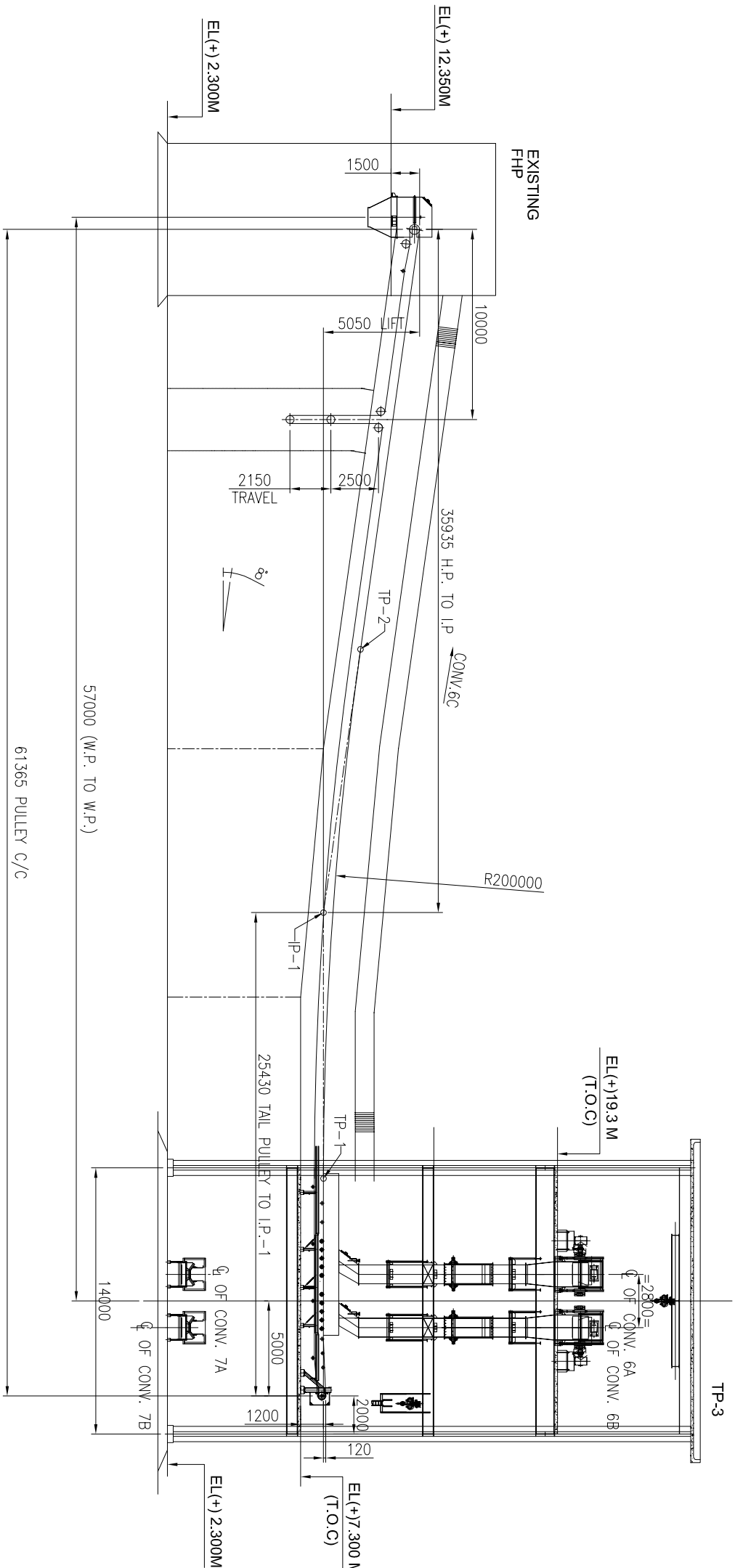
CONV-4B
△

BASIC PARAMETER

SL.NO	DESCRIPTION
CONV. NO	4B
B/W (mm)	1000
LENGTH(C/C)	94000
LIFT (M)	13000
BELT SPEED	3.2m/s
INCLINATION	14°
MATERIAL TYPE	COAL
BULK DENSITY	0.8
BELT RATING	630/4
TOP/BOTTOM COVER	6/3 mm
CALCULATED BELT TENSION	19367.13 N
ASSUMED HEAD&TAIL PULLEY DIA	630/500
REQUIRED MOTOR POWER	90 kW

1	29-11-16	REVISED AS PER MECO COMMENTS DATED 1-11-16	J.S.	S.J.	V.J.
REV	DATE	BRIEF RECORD	DRN	CHK	APP

PROJECT :	ROURKELA PP-II EXPANSION PROJECT (1X250 MW)										
OWNER :	NTPC-SAIL POWER COMPANY PVT. LTD.										
CONSULTANT :	MECON LIMITED भे कौ नल भो डे ड										
											
	BHARAT HEAVY ELECTRICALS LTD INDUSTRIAL SYSTEMS GROUP, BANGALORE										
	TITLE : G. A. OF PROFILE FOR CONV.-4B										
SCALE	BHEL JOB NO.	BHEL I/SO	IS-1-GA-708-101-M004							DRG NO.	REV.



BASIC PARAMETER	
SL.NO	DESCRIPTION
CONV. NO	6C
B/W (mm)	1000
LENGTH(C/C)	61365
LIFT (M)	5050
BELT SPEED	3.2m/s
INCLINATION	8°
MATERIAL TYPE	COAL
BUK DENSITY	0.8
BELT RATING	630/4
TOP/BOTTOM COVER	6/3 mm
BELT CARCASS	N-N
ASSUMED HEAD&TAIL PULLEY DIA	500/400
REQUIRED MOTOR POWER	75 kW

PROJECT :		ROURKELA PP-II EXPANSION PROJECT (1X250 MW)	
OWNER		NTPC-SAIL POWER COMPANY PVT. LTD.	
CONSULTANT		MECON LIMITED	
DRAWING NO.		IS-1-GA-708-101-M004	

BHARAT HEAVY ELECTRICALS INDUSTRIAL SYSTEMS GROUP, BANGALORE		DATE	
TITLE :		SIGN	
G. A. OF PROFILE FOR CONV.6C		NO. OF SHEETS	
SCALE		REV	

1	29-11-16	REVISED AS PER MECON COMMENTS DATED 1-11-16	J.S.	S.J.	V.J.
2	01-12-16	BRIEF RECORD	DRN	CHK	APP