

भारत हेवी इलेक्ट्रिकल्स लिमिटेड  
(भारत सरकार का उपक्रम)

**Bharat Heavy Electricals Limited**

(A Govt. of India Undertaking)  
Power Sector - Southern Region  
New No.690 (Old No.474), Anna Salai,  
Nandanam, Chennai-600 035.  
Phone : 2433 0015 (10 Lines)  
Grams : BHELPOWER



**BHEL PSSR SCT 1417**

**DATE: 08.11.2010**

**CORRIGENDUM-1 TO TENDER NOTICE SCT 1417**

**TENDER SPECIFICATION NO BHEL: PSSR: SCT: 1417**

**Sub: Construction of General civil works in Main Plant and other allied structures including architectural works for units 1&2 of 2 x 500 MW at Tuticorin Thermal Power Project, Tuticorin**

**DUE DATE EXTENDED AS BELOW:-**

TENDER SALE CLOSING ON	: 18.11.2010
DUE DATE & TIME FOR TENDER SUBMISSION	:19.11.2010,15.00 HRS.
DUE DATE & TIME FOR OPENING OF TECHNICAL BIDS	:19.11.2010,15.30 HRS

Clarifications sought by some of the bidders during Pre-bid meeting in the tender specification are furnished below for your information

**Please visit [www.bhel.com](http://www.bhel.com) to view corrigendum**

**ALL OTHER CONDITIONS REMAIN UNCHANGED.**

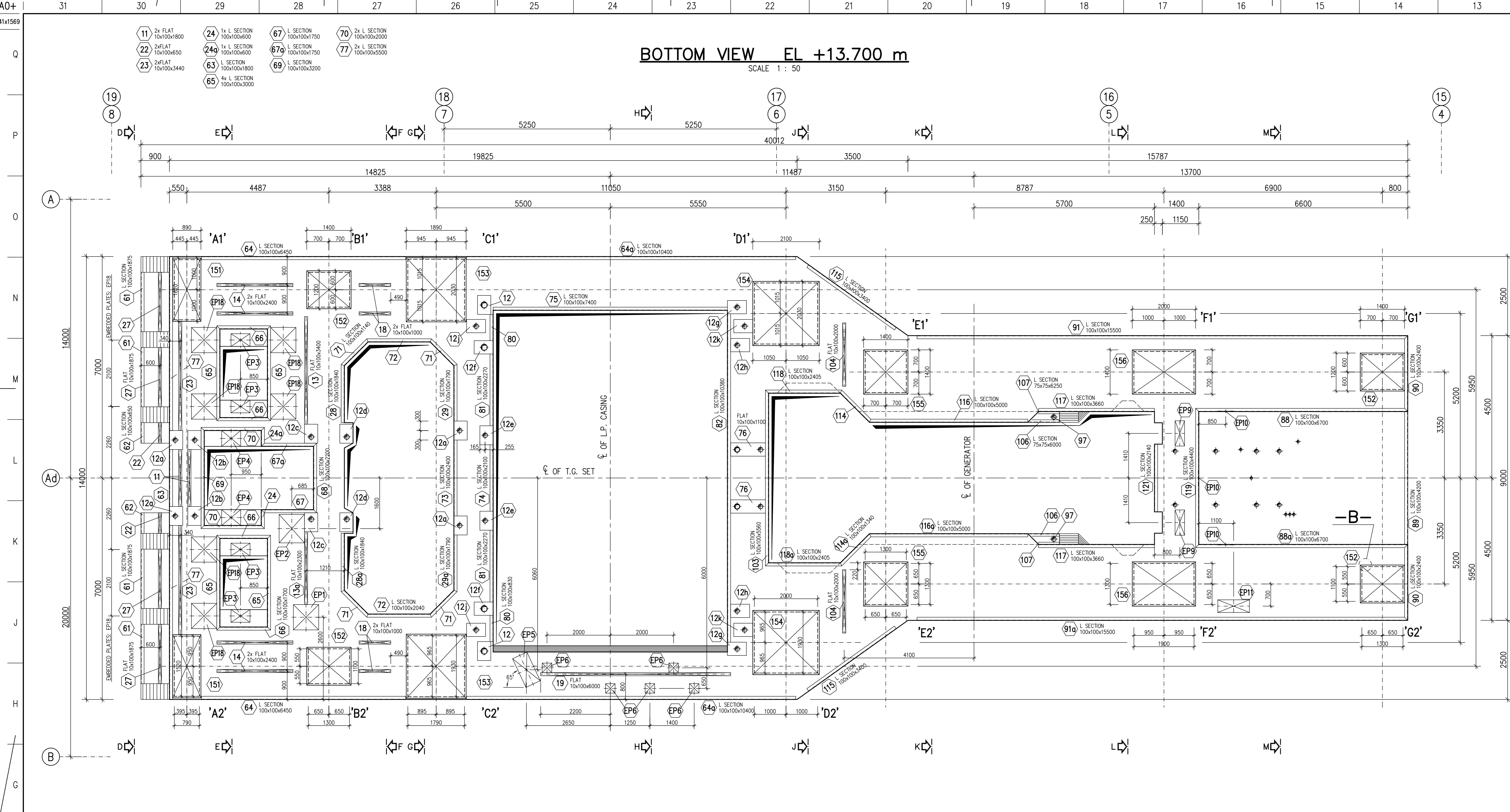
AGM / CONTRACTS  
BHEL/PSSR/CHENNAI

पंजीकृत कार्यालय : "बी एच ई एल हाउस", सिरि फोर्ट, नई दिल्ली - 110 049.  
Regd. Office : "BHEL House", Siri Fort, New Delhi - 110 049.



**CORRIGENDUM-1 TO SCT 1417**

<b>TENDER SPECIFICATION</b>		<b>BHEL PSSR SCT 1417</b>
<b>CLARIFICATIONS SOUGHT BY SOME OF THE BIDDERS IN PREBID DISCUSSIONS HELD AT BHEL PSSR ON 3/11/2010</b>		
<b>SLNO</b>	<b>QUERY</b>	<b>BHEL CLARIFICATION</b>
1	Order of precedence of documents for measurement of executed quantity may be provided	NTPL Technical specification prevails over BHEL specification for all technical details and BHEL Technical specification will be followed for measurements.
2	BOQ Item 909 Lock and Hydraulic closures will be measured under which item	As per BOQ item 911. ITEM 909 IS FOR ALUMINIUM WORKS. ITEM 911 IS FOR DOOR CLOSURES WITH ALL OTHER TYPES OF DOORS.
3	BOQ item 2426 ,Please specify the type of concrete	M20
4	BOQ Item 1813 Provide the size of earth pit or provide the drawings	The Drawings attached below are for information only. This may undergo revision during execution.
5	Provide layout drawings	It can be referred during the office hours at this office. However the enclosed cross section of Main plant drawing for information only and this may undergo revision during execution.
6	Item 706 provide the spring size	Size of VIS and weight will be as per standard 500 mw power plant. The Drawings 57801-06E Rev 0,58222-02E Rev 0,58833-03E Rev 0, GA TDBFP N3869 -08 Rev o attached below are for information only. This may undergo revision during execution.
7	Item 705 provide the thickness/type of pipes for MS,PVC,UPVC	MS PIPE- MEDIUM CLASS PVC/UPVC PIPES: CLASS:3
8	Item 502 Provide the density of foam	1-1.5 t/sqm
9	Item A 917 Please provide the thickness of MDF board	12mm
10	Request to extend the bid submission by 15 days due to intervening festival holidays and collecting prices from sub vendors	Corrigendum issued above for due date extension.



ALL MEASURES ARE "mm".  
ELEVATIONS ARE "m".

▽ FINISHED LEVEL    ▽ ROUGH CONCRETE

(350) COMPLEMENTARY DIMENSIONS

### EMBEDMENT PARTS LIST

ITEM No.	QTY	DESCRIPTION	ANCHOR QTY	ANCHOR ROD
151	2	STEEL COVER PLATE 2000x890x20	2x21 = 42#12	L=300
152	4	STEEL COVER PLATE 1400x1200x20	4x20 = 80#12	L=300
153	2	STEEL COVER PLATE 2030x1890x20	2x42 = 84#12	L=300
154	2	STEEL COVER PLATE 2100x2030x20	2x49 = 98#12	L=300
155	2	STEEL COVER PLATE 1400x1400x20	2x25 = 50#12	L=300
156	2	STEEL COVER PLATE 2000x1400x20	2x35 = 70#12	L=300

TYPE - TNA-	DATA OF SPRING ELEMENTS	TYPE - TNA-											
ITEM	PCS	TYPE	A	B	C	D	H	K	K1	K2	W	W1	W2
1	14	TNA	845	485	1200	575	560	37.8	7.56	-	-	-	-
2	6	TNA-1	535	500	800	575	560	47.25	9.45	-	-	-	-
3	10	TNA-2	430	500	690	575	560	40.5	8.10	-	-	-	-
4	6	TNA-3	500	575	575	560	560	33.75	6.75	-	-	-	-
5	6	TNA-6	430	320	690	360	560	24.3	4.86	-	-	-	-

H = LOADED HEIGHT    W = WEIGHT PER ELEMENT    A x B = PRESSURE AREA

### SETTING DETAILS FOR DECK SUPPORT SPRINGS

- STEEL COVER PLATES WITH ANCHORS
- STACK OF SHIMS AS RECD (+)
- ADHESIVE PAD (+)
- SOFFIT SHUTTERING
- FALSEWORK
- AIR GAP EQUAL TO COMPRESSION OF FALSEWORK TO BE DEFINED BY THE CIVIL CONTRACTOR

(+) GERB SUPPLY

LEVELLING FRAME PLATE 100x12 THICK (min.) HIGH QUALITY GROUT STRENGTH = 60 N/mm<sup>2</sup> (OPTIONAL) (ALROUND)

(\*) 75x75x6 PLATE TO BE WELDED AT FOUR CORNERS OF COLUMN HEAD

### DETAIL A - (TYPICAL)

STEEL SHIMS FOR HEIGHT ADJUSTMENT

2x2 mm PAD

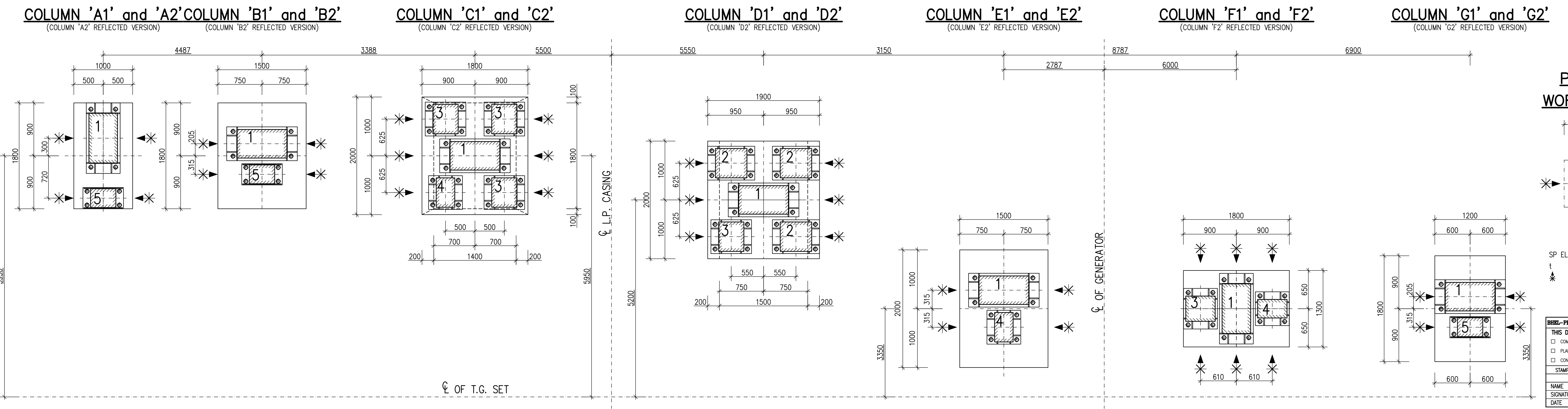
SPRING ELEMENT

REFERENCE DRAWINGS:

- E-57801-02-0 GENERAL ARRANGEMENT PLAN (GERB)
- E-57801-03-0 GENERAL ARRANGEMENT SECTION A-A, NEW B-B AND C-C (GERB)
- E-57801-04-0 GENERAL ARRANGEMENT NEW C-C, SECTION E-E TO H-H, I-I AND J-J (GERB)
- E-57801-05-0 GENERAL ARRANGEMENT NEW M-M, O-O, SECTION J-J TO M-M (GERB)
- E-57801-07-0 LIST OF EMBEDDED PARTS (GERB)
- E-57801-08-0 REINFORCEMENT DRAWING (GERB)
- 0-13100-03152 FOUNDATION PLAN (BHDL DRAWING)
- 0-13100-03153 FOUNDATION PLAN (BHDL DRAWING)
- 0-13100-03154 FOUNDATION PLAN (BHDL DRAWING)
- 1-13100-03155 FOUNDATION PLAN (BHDL DRAWING)
- 2-13100-03156 LIST OF EMBEDDED PARTS (BHDL DRAWING)

REVISION INDEX NOT INDICATED

### ARRANGEMENT OF SPRING ELEMENTS AND DIMENSIONS OF COLUMN HEADS EL +13.140m



### DESIGN COLUMN LOADS (KN)

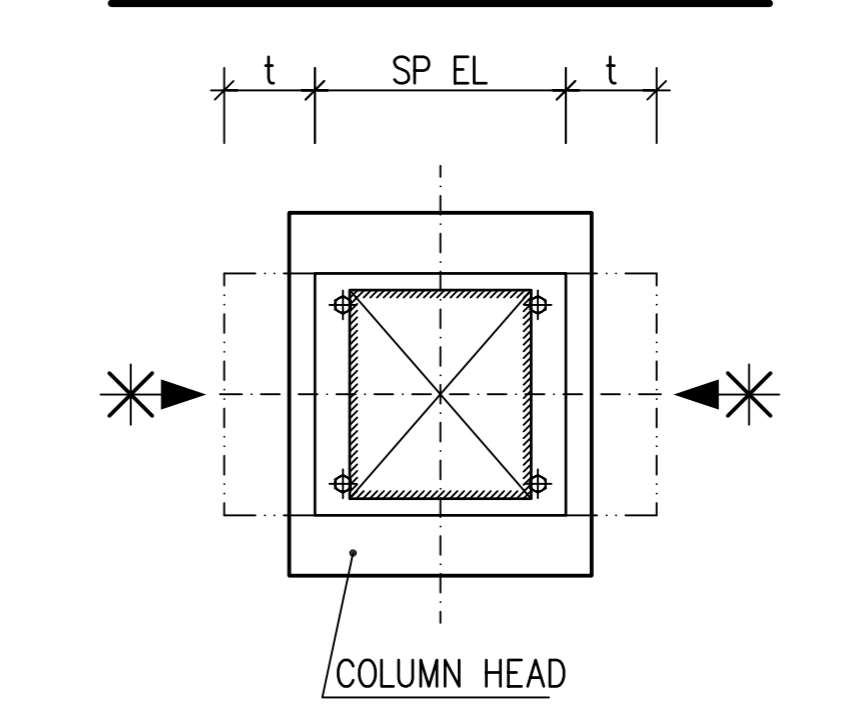
COLUMN	DESIGN LOAD (*)
A1 / A2	1988
B1 / B2	1988
C1 / C2	6178
D1 / D2	7042
E1 / E2	2290
F1 / F2	3586
G1 / G2	1988

COLUMN	DESIGN LOAD (*)
A1 / A2	89
B1 / B2	90
C1 / C2	283
D1 / D2	327
E1 / E2	107
F1 / F2	160
G1 / G2	84

(\*) : VERTICAL LOADS = MAX. PERM. LOADS OF SPRING ELEMENTS  
HORIZONTAL LOADS = 6% OF VERTICAL LOAD (DEAD LOAD FOUNDATION + MACHINE LOAD)

### PERMANENT WORKING SPACE



SP EL = SPRING ELEMENTS  
t = MIN. 300 mm  
\* = PERMANENT WORKING SPACE

ISSUED BY: \_\_\_\_\_

NAME: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

DATE: \_\_\_\_\_

IF IN DOUBT PLEASE CONTACT GERB.

Rev.	Date	Description	By	Appr.	Per.
1	24.03.2010	Issue	Boy	Boy	Boy
2	24.03.2010	Outbagger	Boy	Boy	Boy
3	24.03.2010	Outbagger	Boy	Boy	Boy

Project: NLC TAMILNADU POWER LIMITED  
2x500 MW POWER PLANT AT TUTICORIN

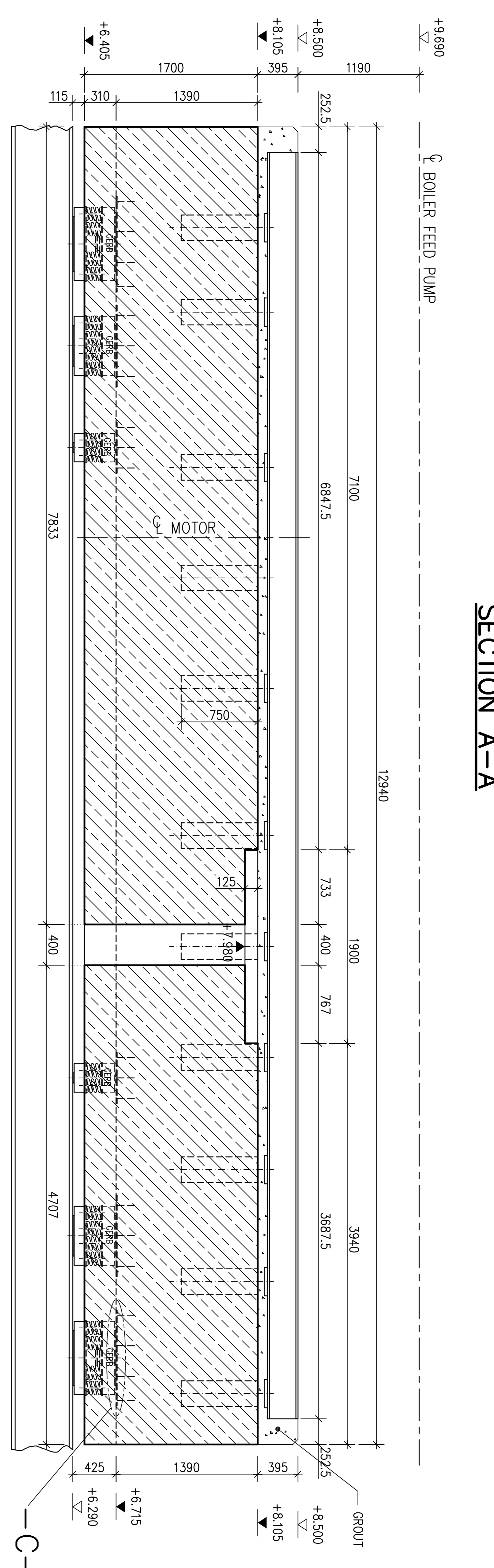
Client: BHARAT HEAVY ELECTRICALS LTD. GEN. ARRANGEMENT

Contract No: E-57801-06 0 0

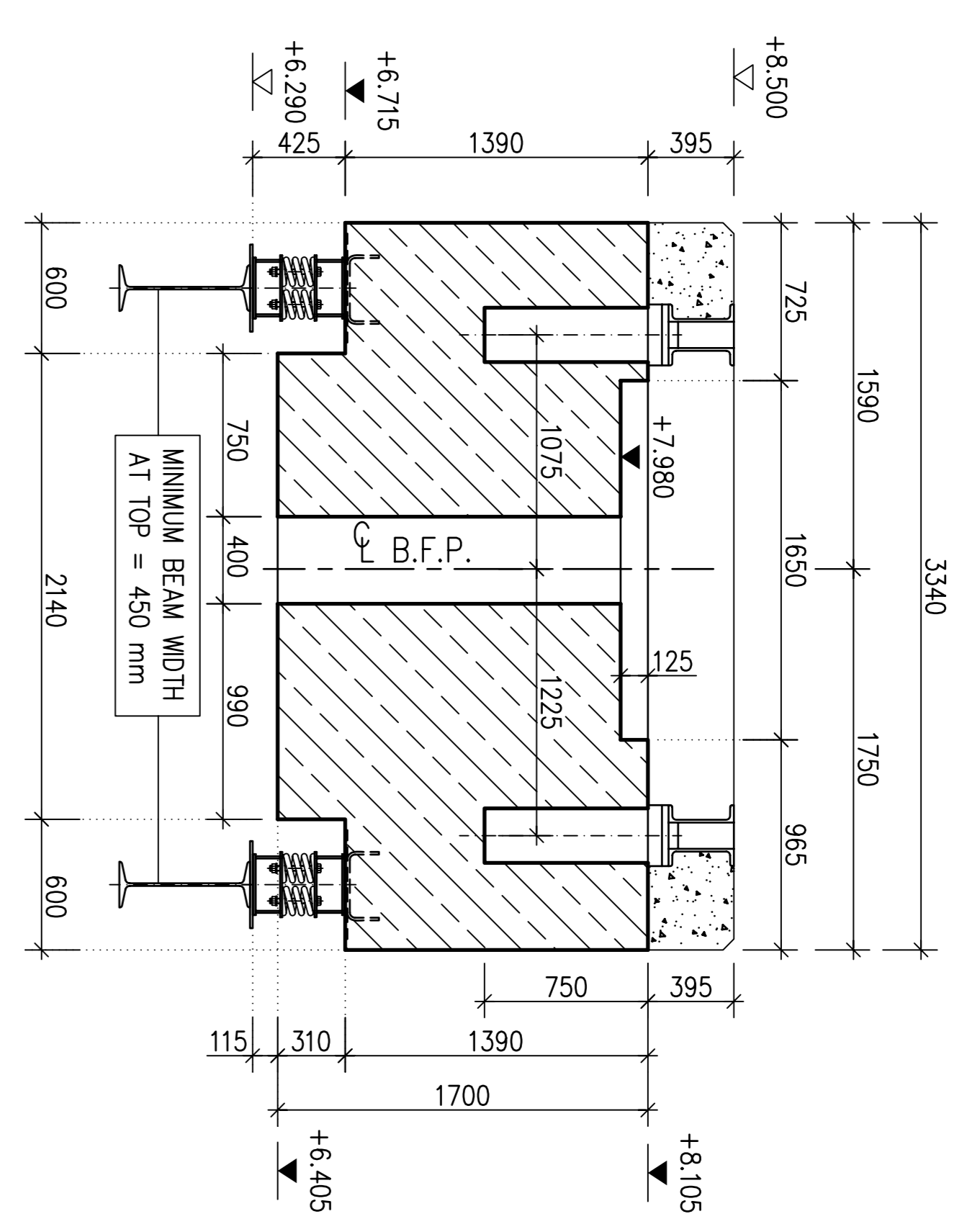
Project: NLC TAMILNADU POWER LIMITED  
2x500 MW POWER PLANT AT TUTICORIN

DEPT.	NAME	SIGN	DATE
MPL	ELEC.	CM	USE
SCALE	DEPT.	SCALE	DRAWING NO.
DATE	SIGN	DATE	PE-DG-331-613-C011

SHEET 1 OF 1 REV. 0

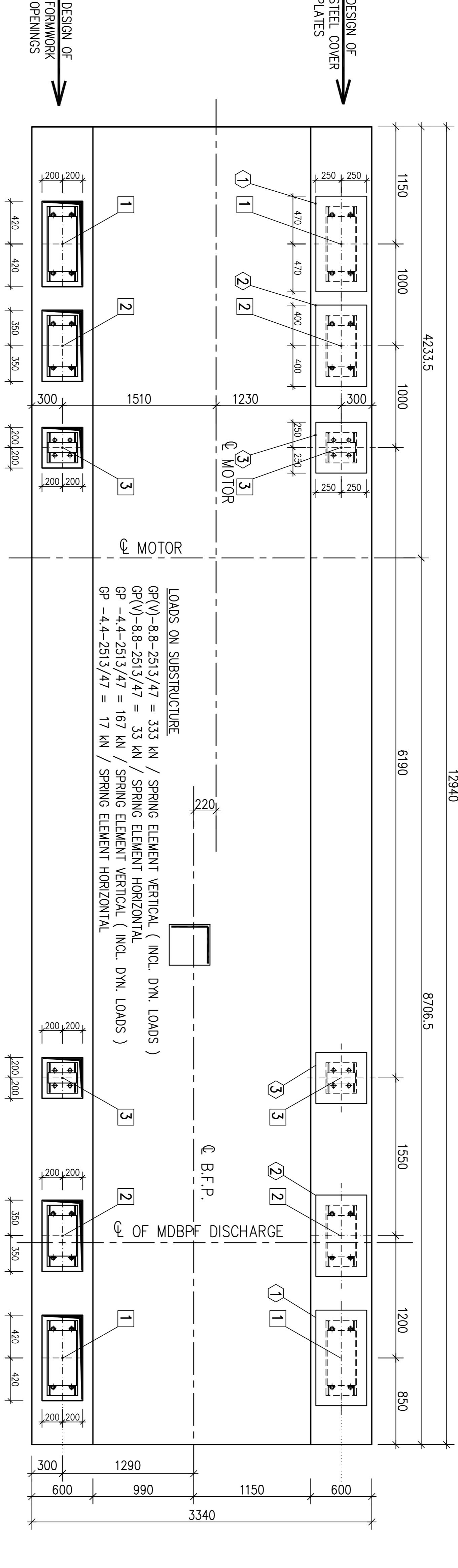


SECTION A-A

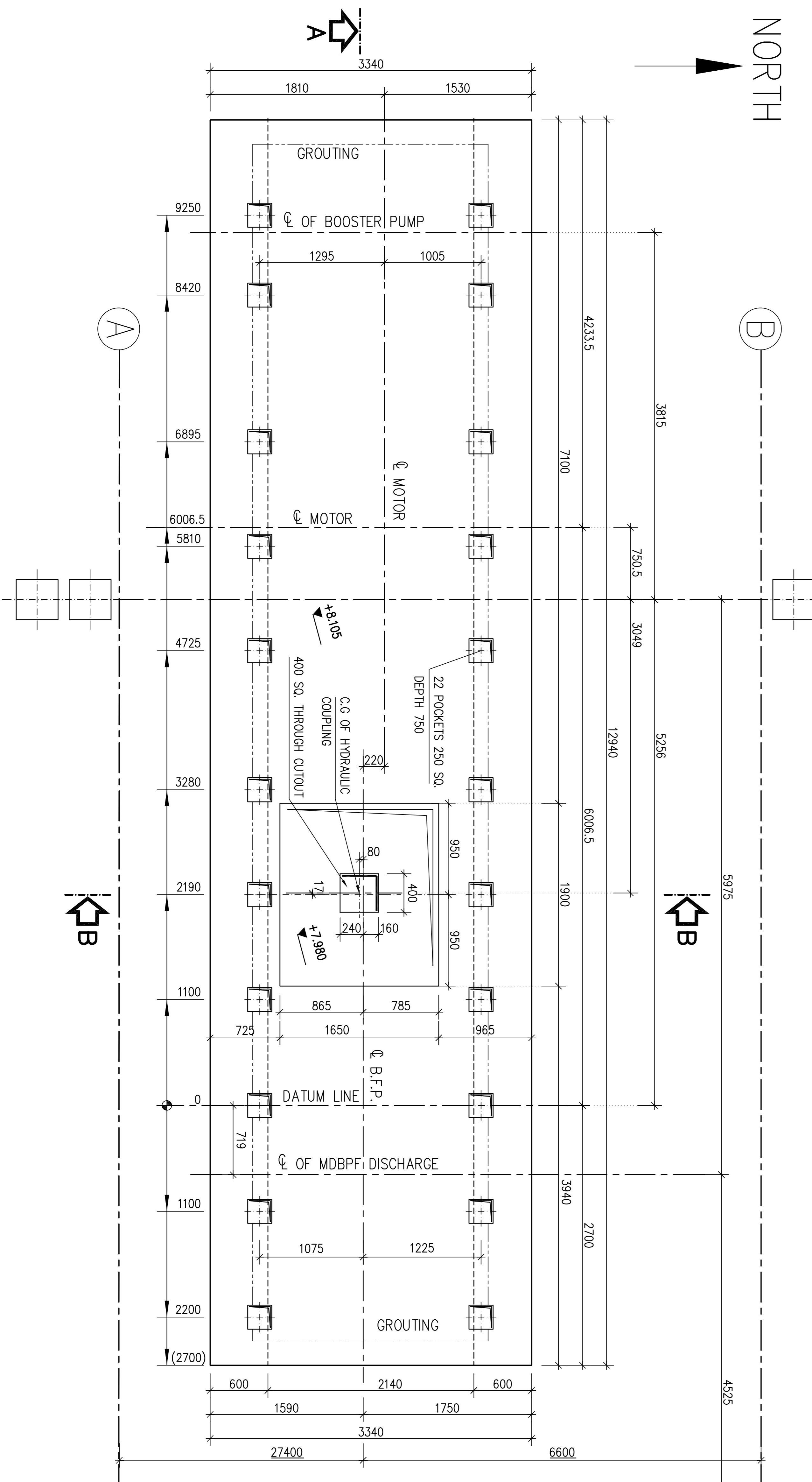


SECTION B-B

ARRANGEMENT OF SPRING ELEMENTS  
PLAN - SOFFIT SHUTTERING EL. +6.405M

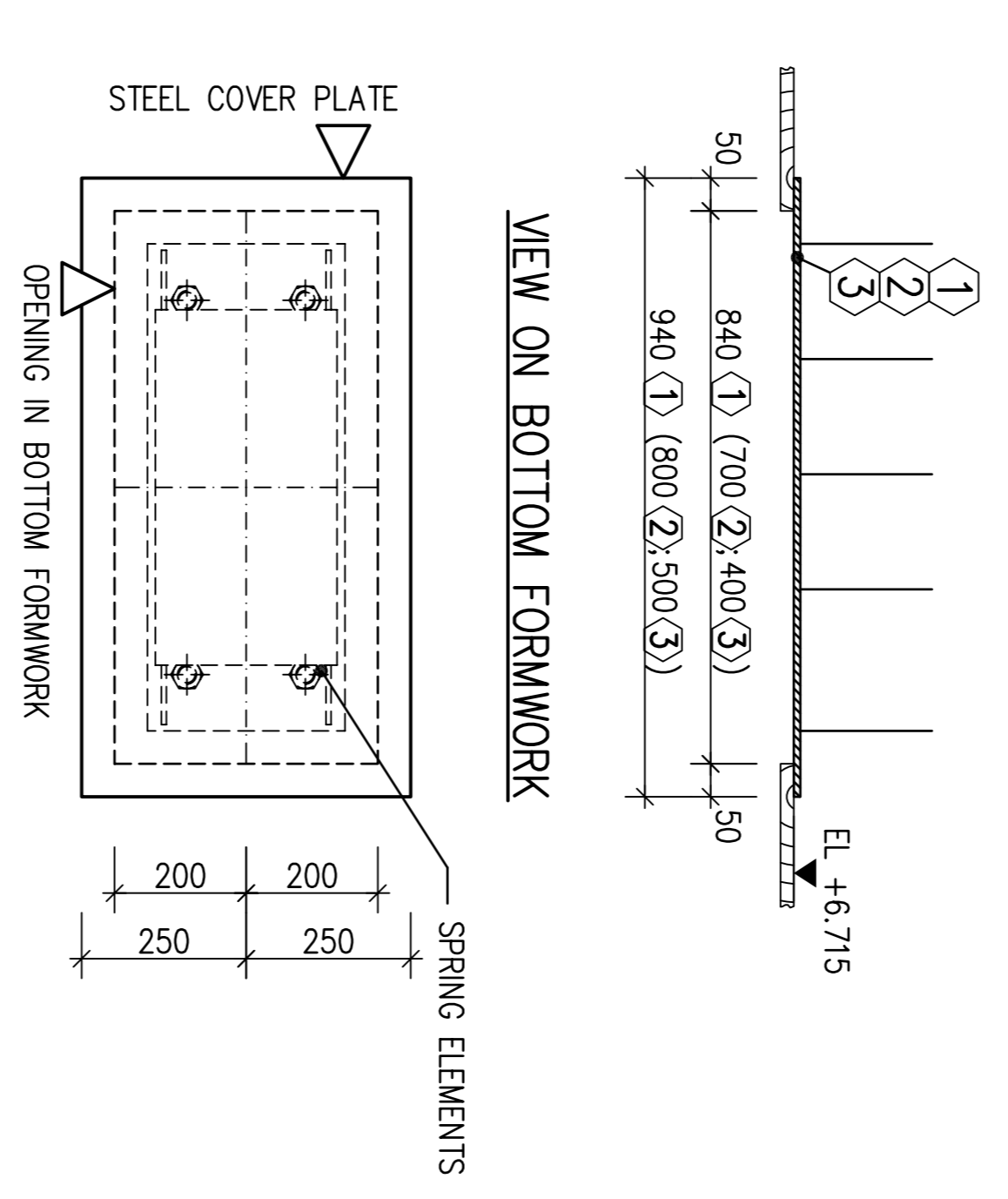


PLAN AT EL. +8.105M

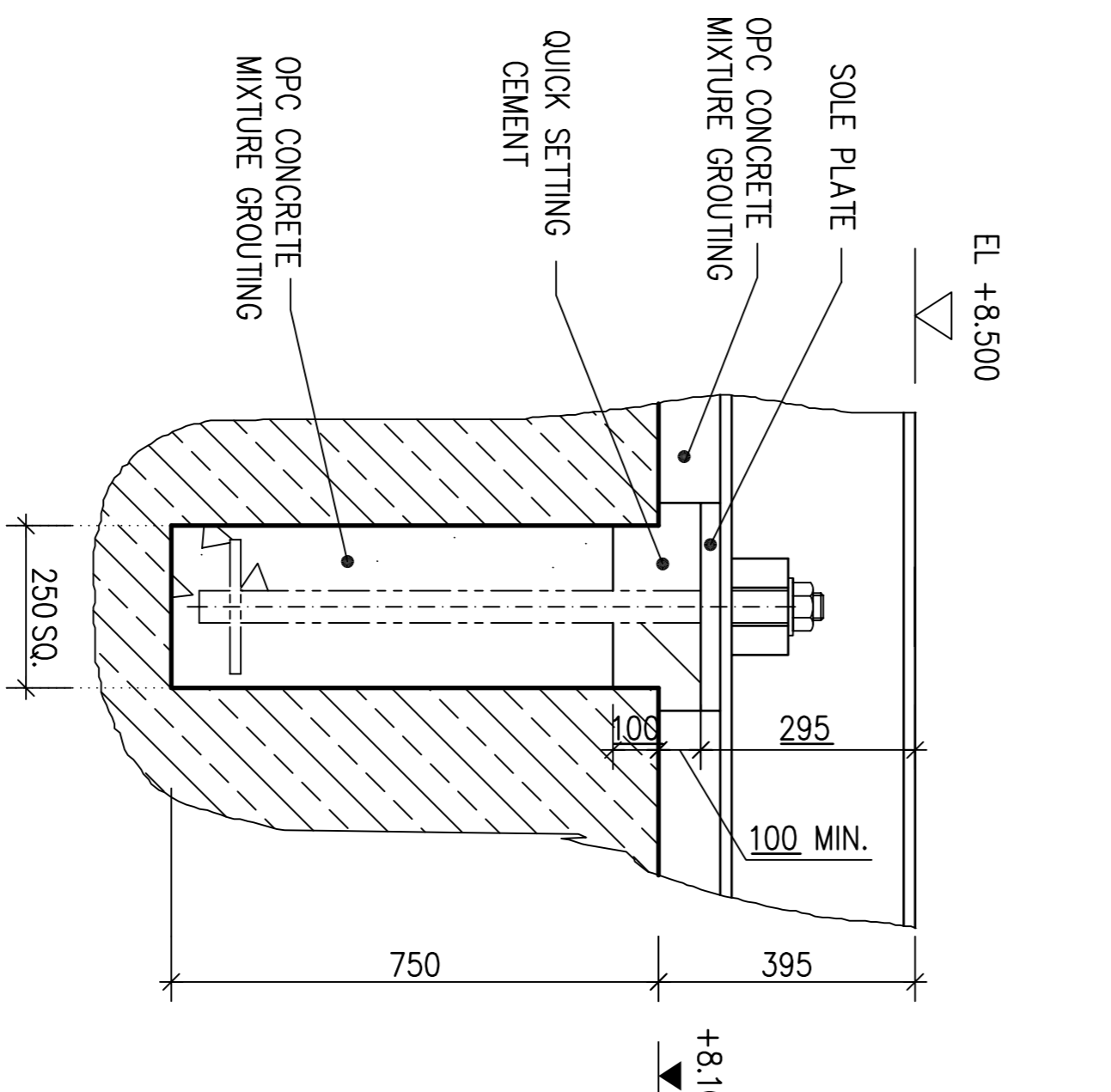


PLAN AT EL. +8.105M

DETAIL -C-C (SCALE 1:10)  
OPENING ABOVE SPRING ELEMENTS



TYPICAL FOUNDATION BOLT ARRANGEMENT  
FOR COMMON FOUNDATION FRAME SCALE 1:10



ITEM	POS.	TYPE	A	B	C	D	H	L	K	V	K <sub>1</sub>	K <sub>2</sub>	W
			mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
1	4	GP-8-2513/47	540	740	300	280	425	7.09	4.38	1.95			
2	4	GP-8-2513/47	400	600	300	280	425	7.09	4.38	1.95			
3	4	GP-4.4-2513/47	125	300	300	280	425	3.54	1.19	0.81			

H = LOADED HEIGHT W = WEIGHT PER ELEMENT A x D = PRESSURE AREA

**SETTING DETAILS**

- STEEL COVER PLATE WITH ANCHORS
- STEEL SHIMS FOR HEIGHT ADJUSTMENT
- ADHESIVE PAD
- SOFFIT SHUTTERING
- GERB SUPPLY

**DETAIL -A- (TYPICAL)**

- STEEL COVER PLATE WITH ANCHORS
- STEEL SHIMS FOR HEIGHT ADJUSTMENT
- ADHESIVE PAD
- SOFFIT SHUTTERING
- GERB SUPPLY

**N.O.T.E.S**

GENERAL ARRANGEMENT OF MACHINE FOUNDATION IN THE BUILDING BY BHFL. THE CORRECT HEIGHT OF THE FORMWORK FOR THE FOUNDATION BLOCK MUST BE RESPONSIBLY CHECKED BY THE SUPERVISOR ON SITE. ELEVATIONS REFER TO OPERATING CONDITION.

FOLLOW GERB CONSTRUCTION MANUAL TOLERANCES:

A) CONCRETE AT LOCATION OF SPRING ELEMENTS: ±10 mm

PER FOUNDATION LENGTH: 2 mm

VERT. SPACE BETWEEN SURFACES OF CONTACT: 3 mm

B) ANCHOR BOLTS, STEELS, HOLES, PRES, ETC., HORIZONTAL OFFSETS: ±5 mm

NON-PLANNED OFFSETS: ±5 mm

TILING OF ANCHOR BOLTS, PRES: 3 mm/mm

EMBEDDED PARTS ARE TO BE SUPPLIED BY CIVIL CONTRACTOR UNLESS OTHERWISE NOTED. EMBEDMENTS TO BE PLACED AND CHECKED ACCORDING TO THIS DRAWING. THEY SHALL BE SECURED SAFELY AGAINST SHIFTING.

MACHINE ANCHORING DETAILS BY BHFL. CONCRETE TO BE PLACED WITHOUT INTERRUPTION. STEELS TO BE PROTECTED AGAINST OIL WHEN NECESSARY. GRROUTING ACCORDING TO MACHINE MANUFACTURER'S SPECIFICATION. SPRING ELEMENTS ARE ATTACHED BY ADHESIVE PADS AT TOP AND BOTTOM.

MANUFACTURER OF THE VIBRATION ISOLATION SYSTEM: GERB VIBRATION CONTROL SYSTEMS PVT. LTD. / INDIA

SCOPE OF DELIVERY: - SPRING ELEMENTS - PRESSURE PADS - STEEL SHIMS FOR HEIGHT ADJUSTMENT

ALL MEASURES ARE "mm".

ROUGH FLOOR

FINISHED FLOOR

**NOTES:**

(1) GRADE OF CONCRETE M30.

**WEIGHT**

FOUNDATION WEIGHT APPROX. 1700 KN

MACHINE WEIGHT APPROX. 388 KN

**REFERENCES:**

HY-06-331-139-0001-REV.00 FOUNDATION ARRANGEMENT OF MOTOR DRIVEN B.F.P. UNIT (9HE1).

**1 NO. OFF THUS**

THE PRESENT DRAWING E-58222-02 SUPERSEDES THE FORMER DRAWING N3870/08 I

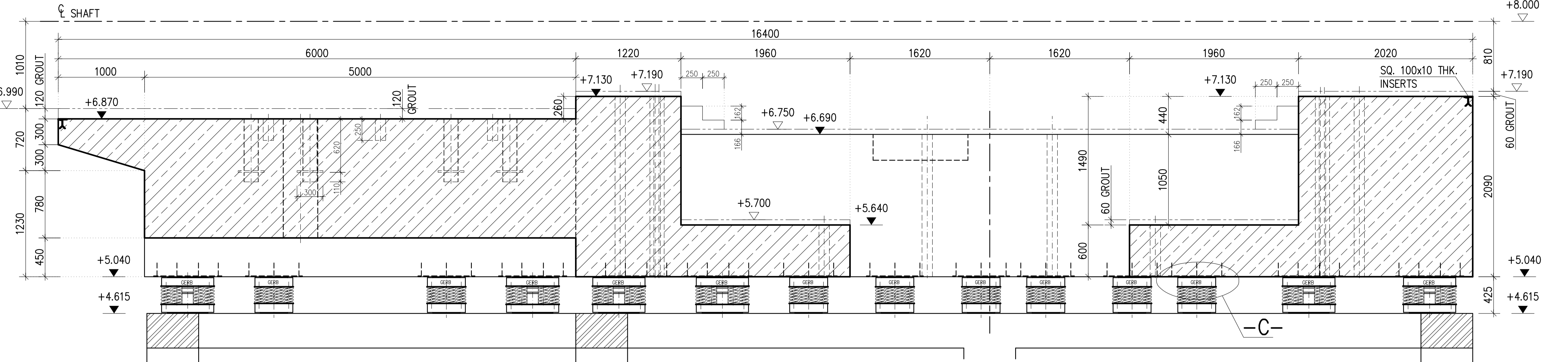
IF IN DOUBT PLEASE CONTACT GERB

**GERB Engineering GmbH**  
 Maschinenbau  
 M/s BHARAT HEAVY ELECTRICALS LTD. GEN. ARRANGEMENT  
 FOUNDATION BLOCK

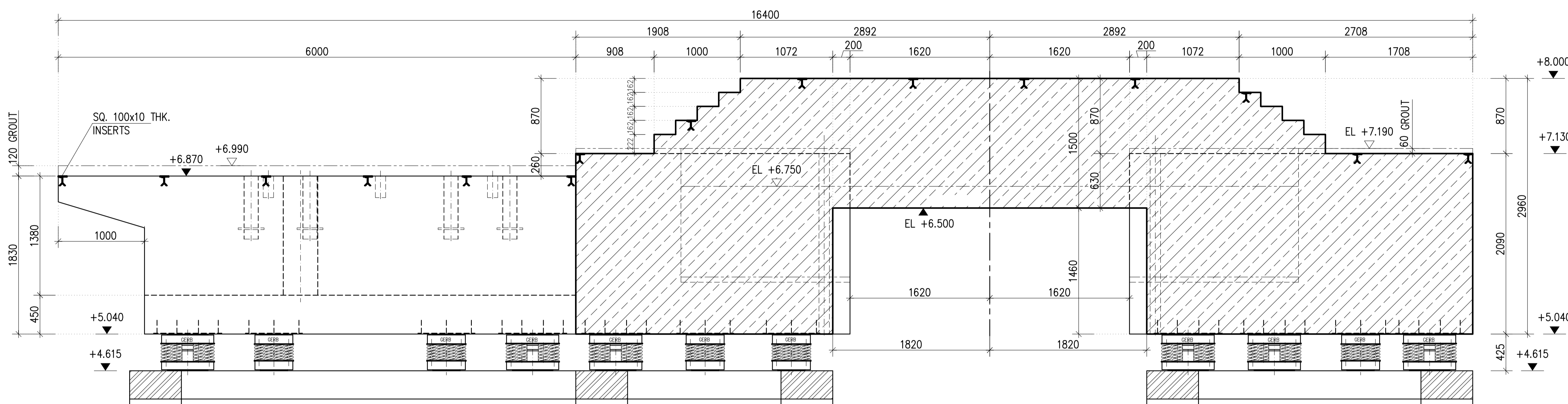
25600 W/W TULICORNI TRP

NO.	REVISION	DATE	BY	CHKD.
0				

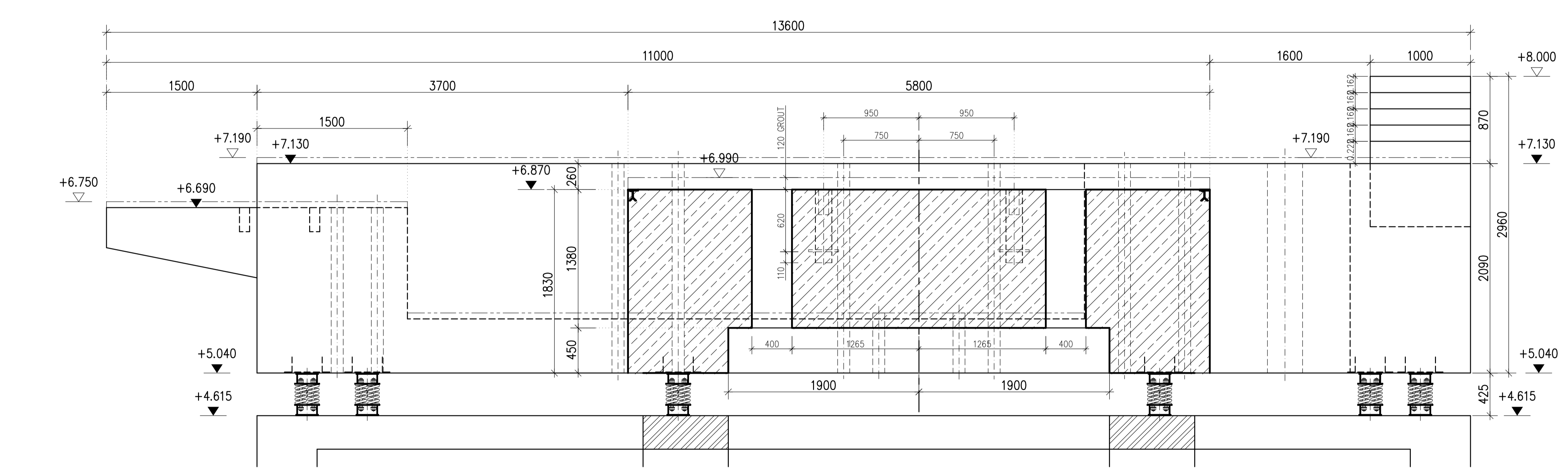
**SECTION A-A**



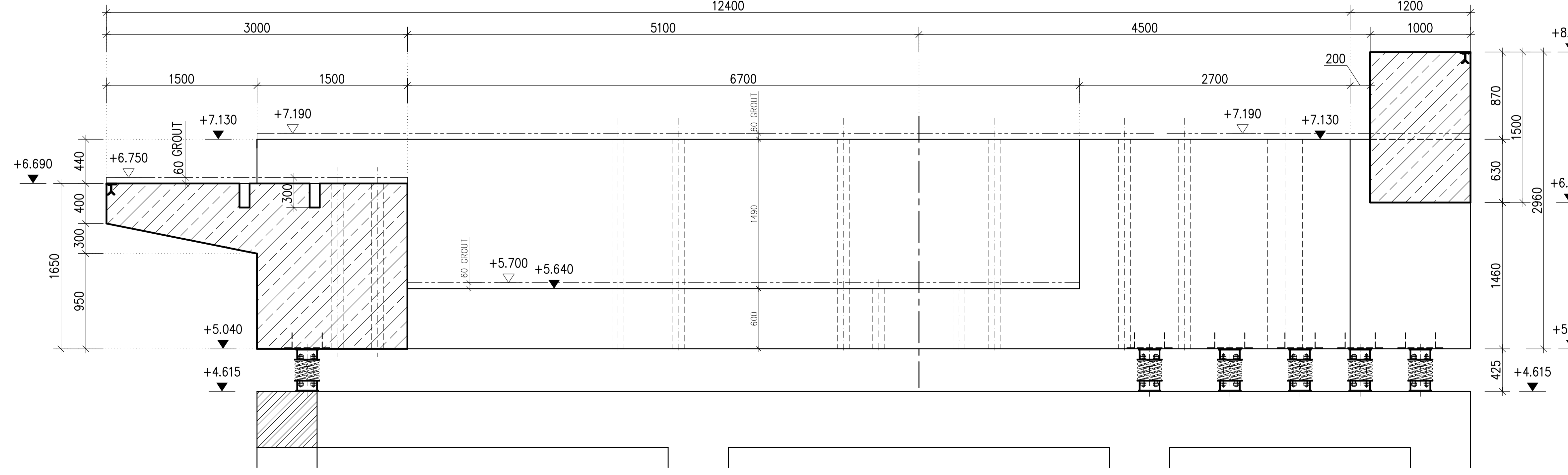
**SECTION B-B**



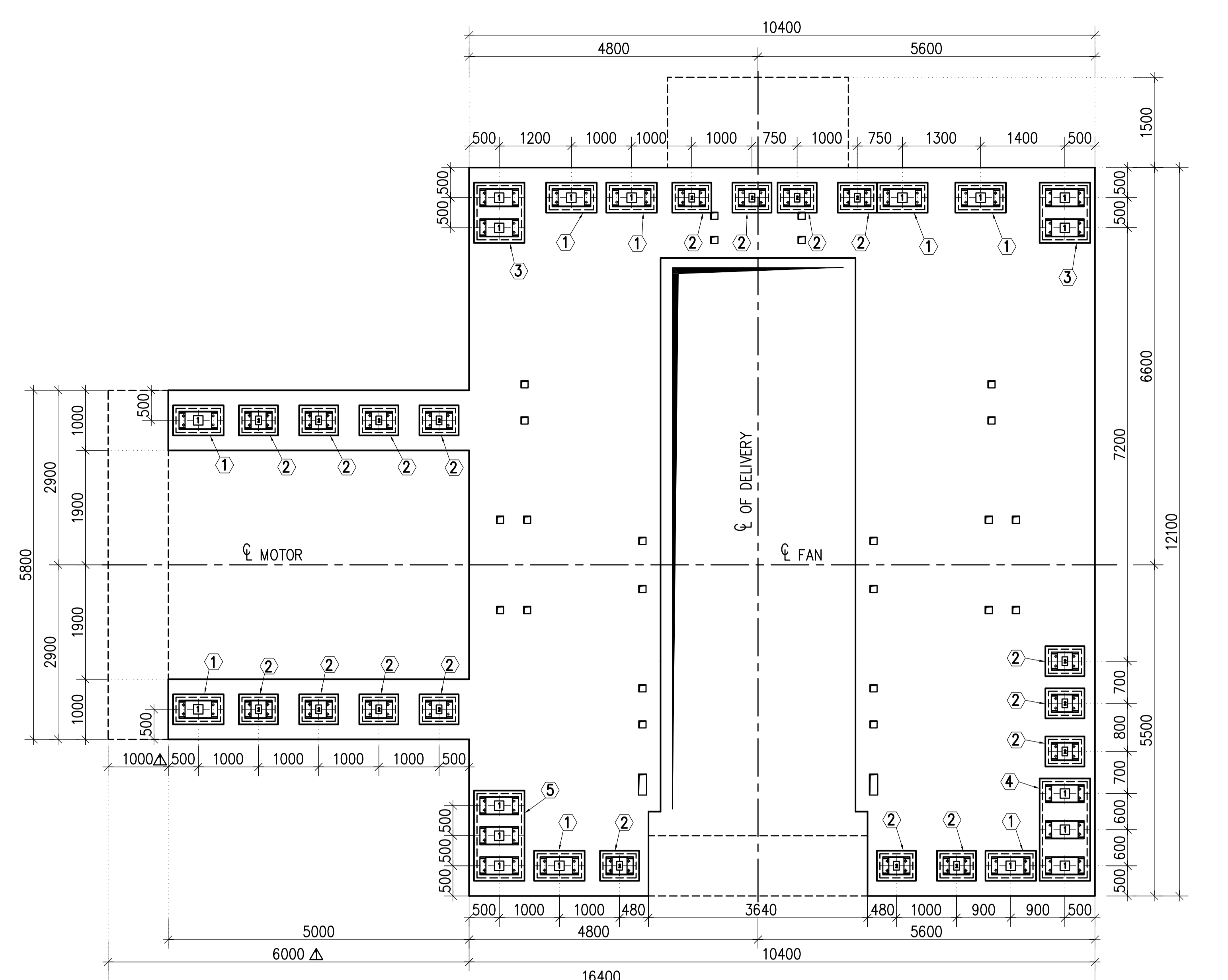
**SECTION C-C**



**SECTION D-D**



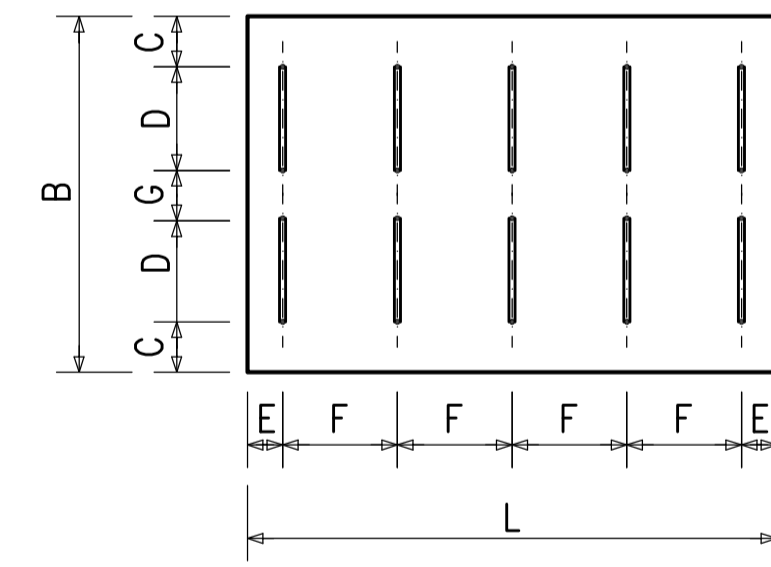
**ARRANGEMENT OF SPRING ELEMENTS  
PLAN AT BOTTOM OF RCC DECK (EL. +5.040)**



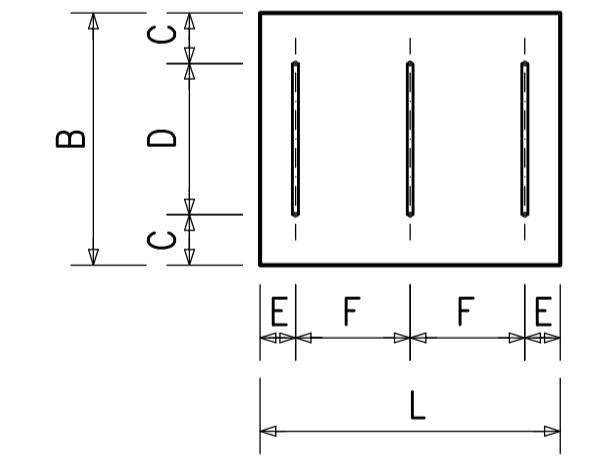
**STEEL COVER PLATE**

MARK	TYPE	PCS.	L x B	THICKNESS		D	E	F	G	H	SINGLE WEIGHT	TOTAL WEIGHT	CONNECTION STIRRUPS			
				A	C								PCS.	LENGTH	TOTAL WEIGHT	
①	-X-	08	840x500	10	100	300	70	350	-	-	32.97	263.76	24	600	14400	12.74
②	-X-	18	650x500	10	100	300	75	250	-	-	25.51	459.22	54	600	32400	28.67
③	-Y-	02	1000x840	10	70	300	100	200	100	-	65.94	131.88	20	600	12000	10.62
④	-Y-	01	1700x840	10	70	300	100	375	100	-	112.10	112.10	10	600	6000	5.31
⑤	-Y-	01	1500x840	10	70	300	100	325	100	-	98.91	98.91	10	600	6000	5.31
NOTE: UNDERSIDE OF STEEL COVER PLATE TO BE PAINTED												TOTAL:	1065.87	118	70800	62.65

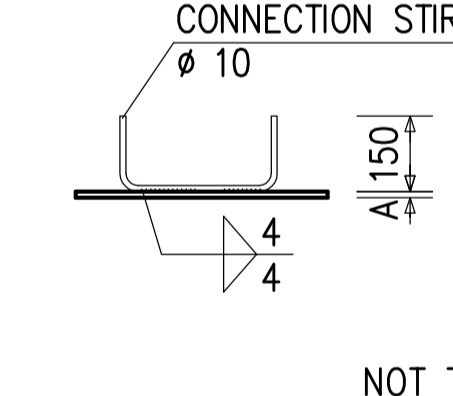
**TYP -Y-**



**TYP -X-**



**SECTION (TYP.)**



**NOTES:**  
 SPRING ELEMENTS ARE ATTACHED BY ADHESIVE PADS AT TOP AND BOTTOM.  
 MANUFACTURER OF THE VIBRATION ISOLATION SYSTEM: GERB VIBRATION CONTROL SYSTEMS PVT. LTD. / INDIA  
 SCOPE OF DELIVERY: - SPRING ELEMENTS  
 - ADHESIVE PADS  
 - STEEL SHIMS FOR HEIGHT ADJUSTMENT  
 ALL MEASURES ARE "mm".  
 ALL ELEVATIONS ARE "m".  
 FINISHED FLOOR      ROUGH CONCRETE

**REFERENCES:**  
 1-00-099-21700 REV 02 GENERAL ARRANGEMENT FOR INDUCED DRAFT FAN NDZY 47 SIDOR (BHEL)

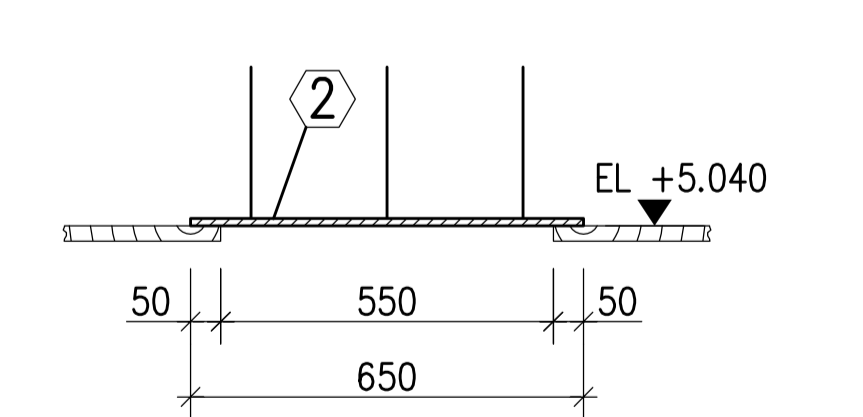
**LOAD ON SUBSTRUCTURE**  
 250 kN \ SPRING ELEMENT VERTICAL (INCL. DYN. LOADS)  
 20 kN \ SPRING ELEMENT HORIZONTAL

**THE PRESENT DRAWING 58833-02 SUPERSEDES THE FORMER DRAWING N3871/08-B-0-1 !!**

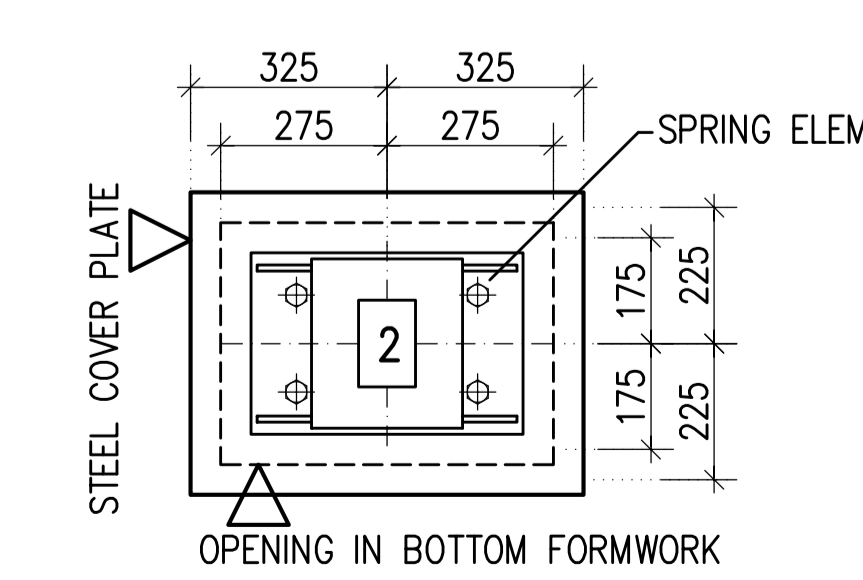
**4 NO. OFF THIS**

IF IN DOUBT PLEASE CONTACT GERB.

**DETAIL -C- (NOT TO SCALE)**  
 OPENING ABOVE SPRING ELEMENTS

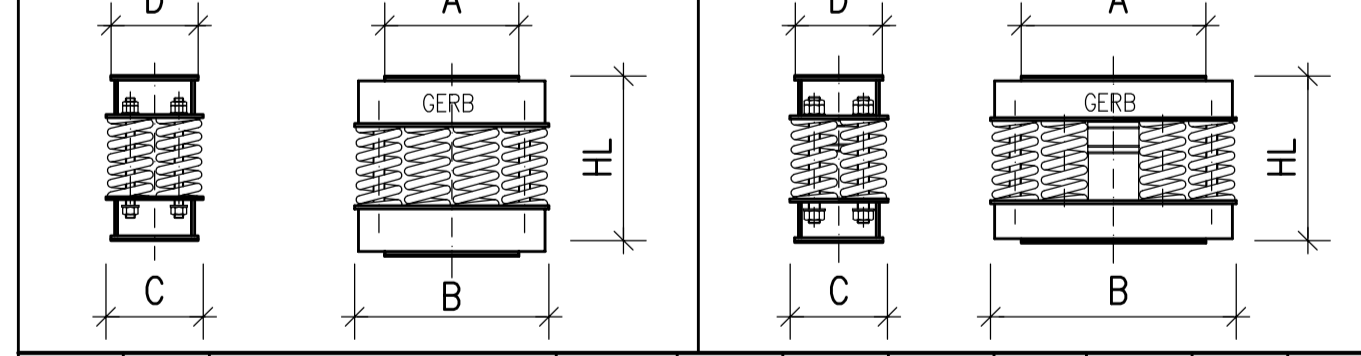


**VIEW ON BOTTOM FORMWORK**



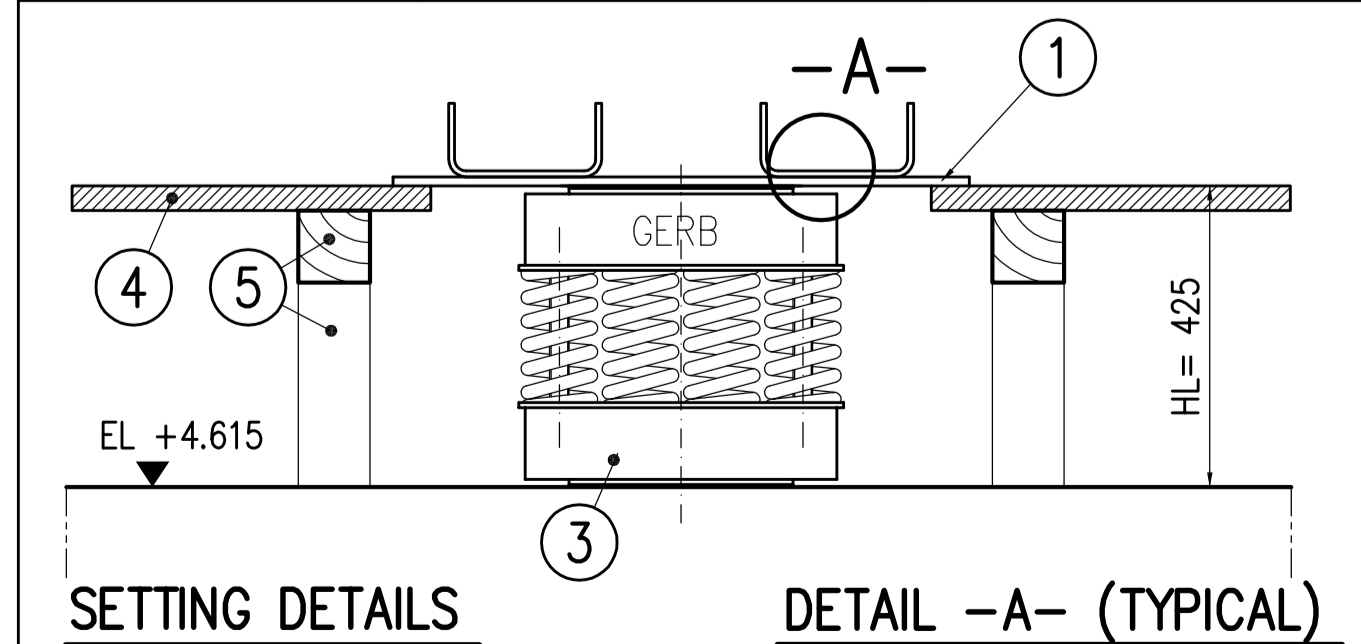
**WEIGHTS:**  
 FOUNDATION WEIGHT : 5349 kN.(APPROX.)  
 MACHINE WEIGHT : 1487 kN.(APPROX.)

**TYPE -GP- DATA OF SPRING ELEMENTS TYPE -GP-**



ITEM	PCS.	TYPE	A	B	C	D	H	L	Kv	Kh	W
1	18	GPV-6.6-2513/47	440	640	300	280	425	5.31	3.28		
2	18	GP-6.6-2513/47	250	450	300	280	425	5.31	3.28		

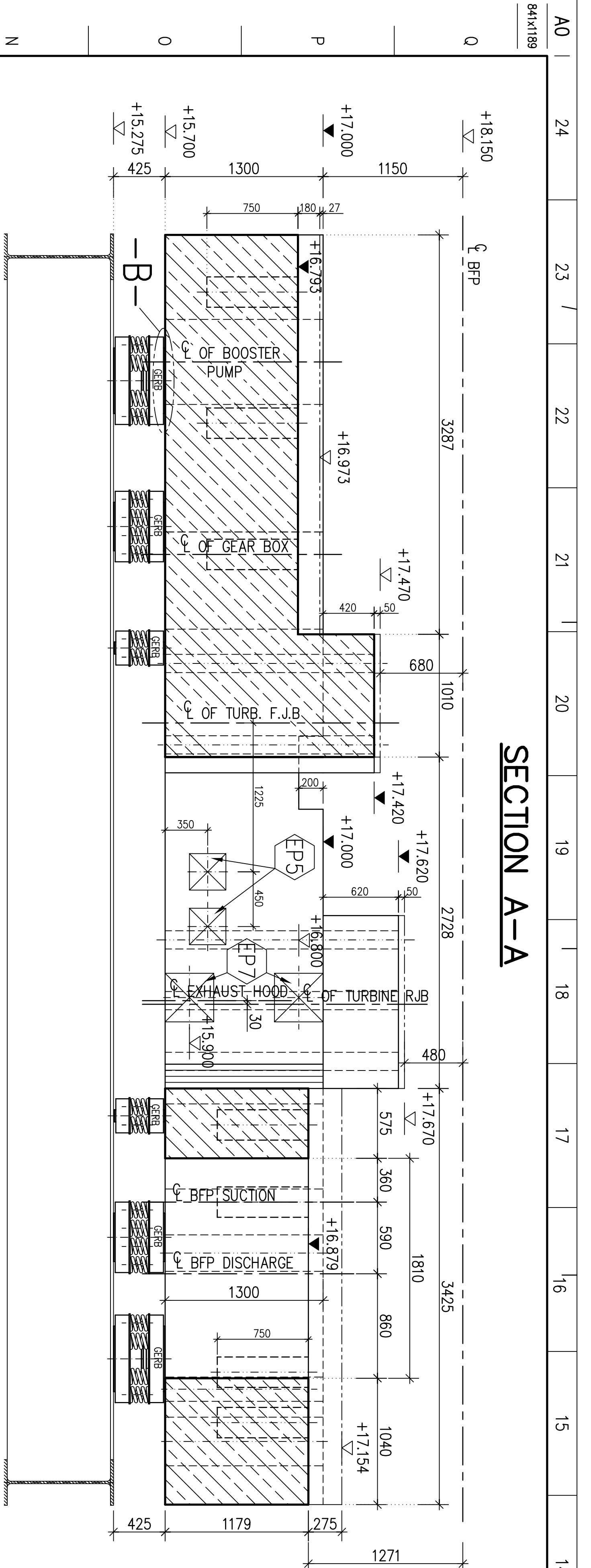
H<sub>v</sub> = LOADED HEIGHT | W = WEIGHT PER ELEMENT | A x D = PRESSURE AREA



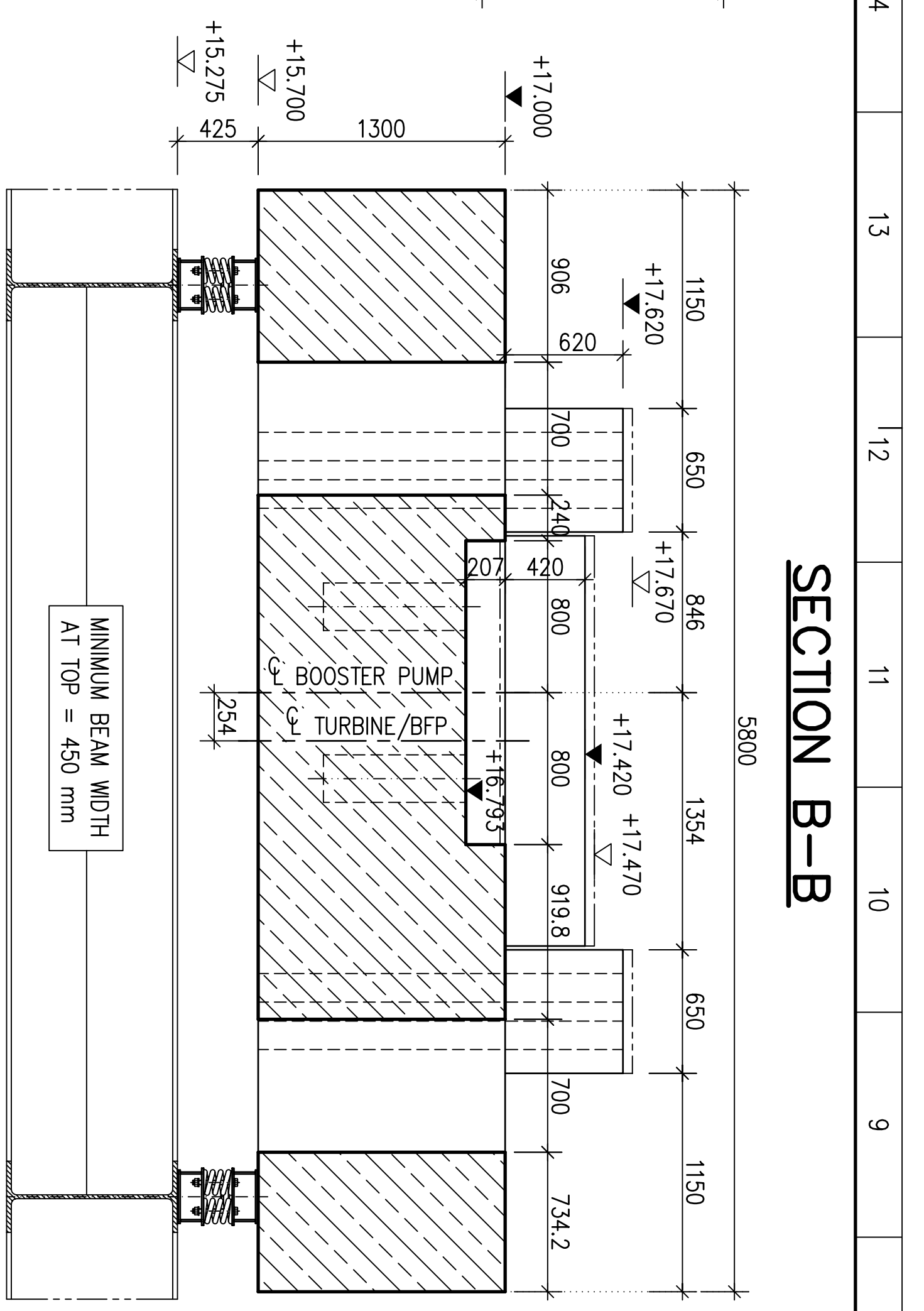
**SETTING DETAILS**  
 ① STEEL COVER PLATE WITH ANCHORS  
 ② STACK OF SHIMS AS REQD (+)  
 ③ ADHESIVE PAD (+)  
 ④ SOFFIT SHUTTERING  
 ⑤ SUPPORT  
 (+) GERB SUPPLY

**DETAIL -A- (TYPICAL)**  
 ① STEEL SHIMS FOR HEIGHT ADJUSTMENT  
 ② SPRING ELEMENT

Index/Rev	01	Date	15.10.2010	Amendment/Modification		Phone	+049-(0)201-26604-20
						Fax	+049-(0)201-26604-50
						E-mail	eng@gerb.de
<b>GERB Engineering GmbH</b> Ruhrallee 311 / 45136 Essen (Germany)				Title/Dwg. Title Project/Project: M/s BHARAT HEAVY ELECTRICALS LTD. GEN. ARRANGEMENT Detail/Structural Member: TUTCORIN TPP (2x500 MW) FOUNDATION BLOCK Drawing No./Drawing No.: SECTION A-A, B-B, SECTION C-C, D-D, ARRANGEMENT OF SPRING ELEMENTS			
Scale: 1:25 Date: 15.10.2010 Checked: LUKES Drawn: LUKES				Drawing No./Drawing No.: 58833-02-03-00 Project No./Job No.: E-58833-03 0 0 Date: 15.10.2010 Checked: LUKES Drawn: LUKES			



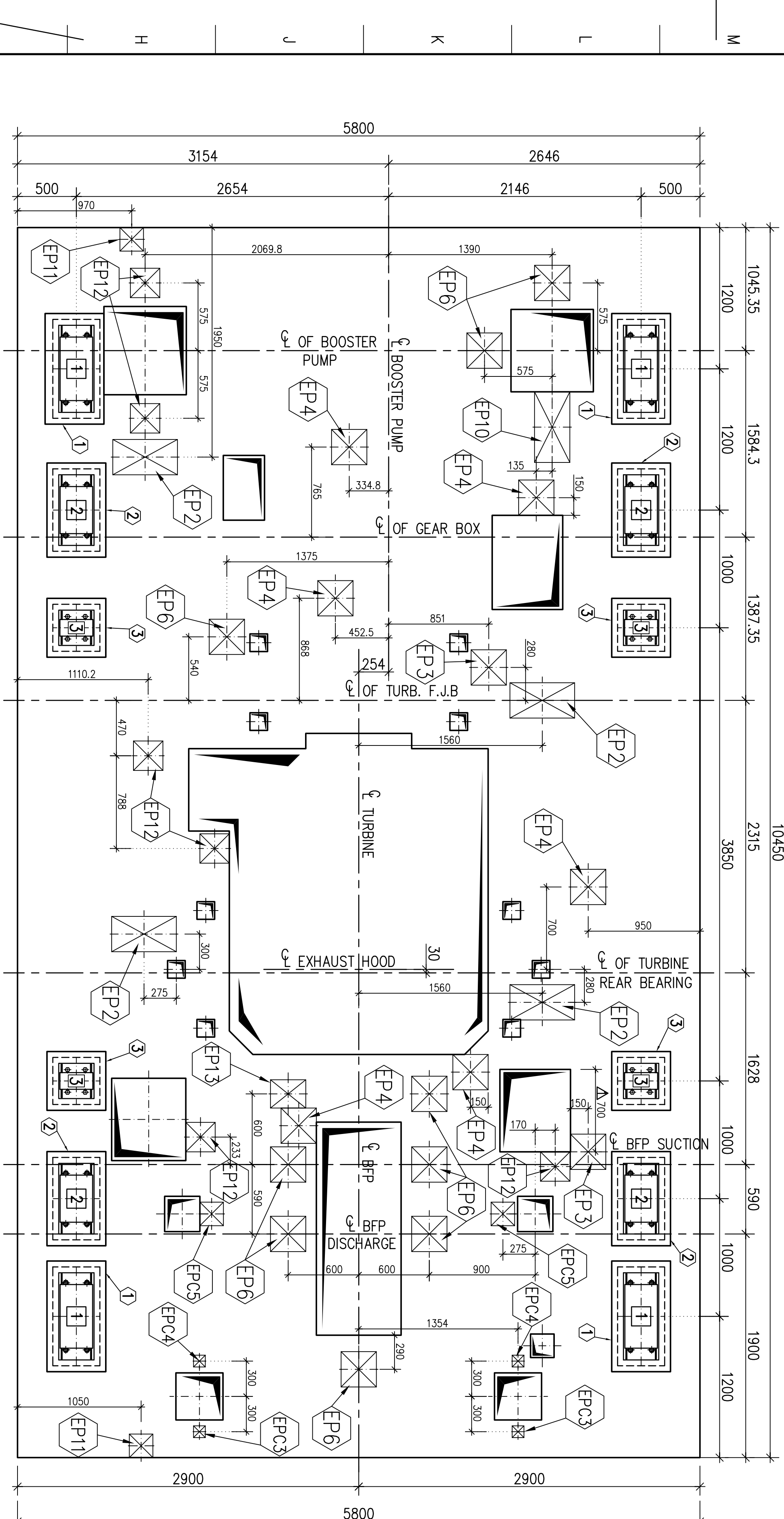
VIEW ON BOTTOM FORMWORK EL +15.700 M  
EMBEDMENT PARTS, SPRING ELEMENTS



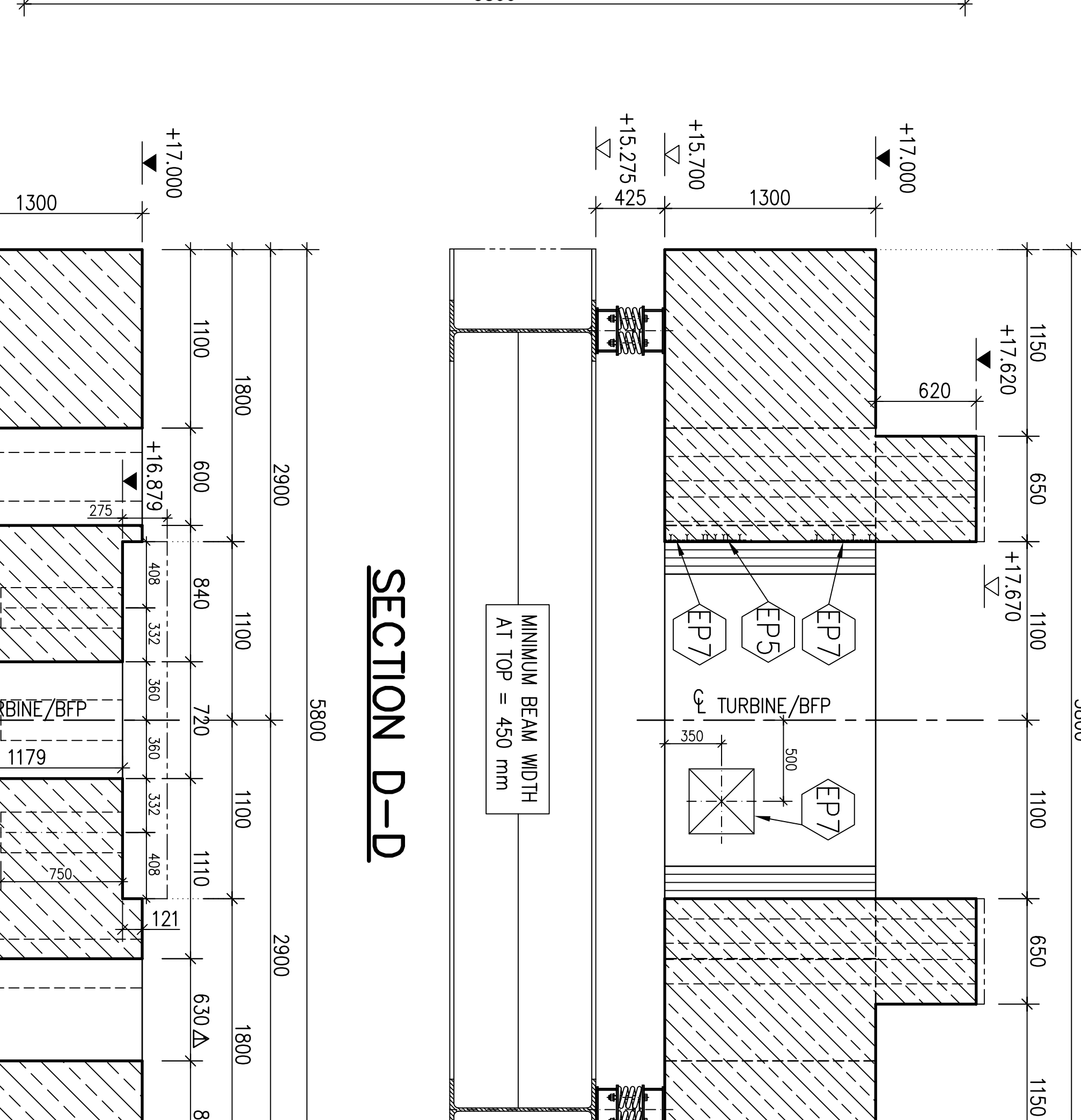
SECTION C-C

MARKET TYPE	B x L	C	D	E	F	G	CONCRETE WEIGHT (KN)	STEEL WEIGHT (KN)	TOTAL WEIGHT (KN)
1	1500	650	846	1354	650	1150	1726	527	2253
2	906	620	700	800	919.8	700	1150	527	1677
3	425	1300	1179	1271	1040	1271	1726	527	2253

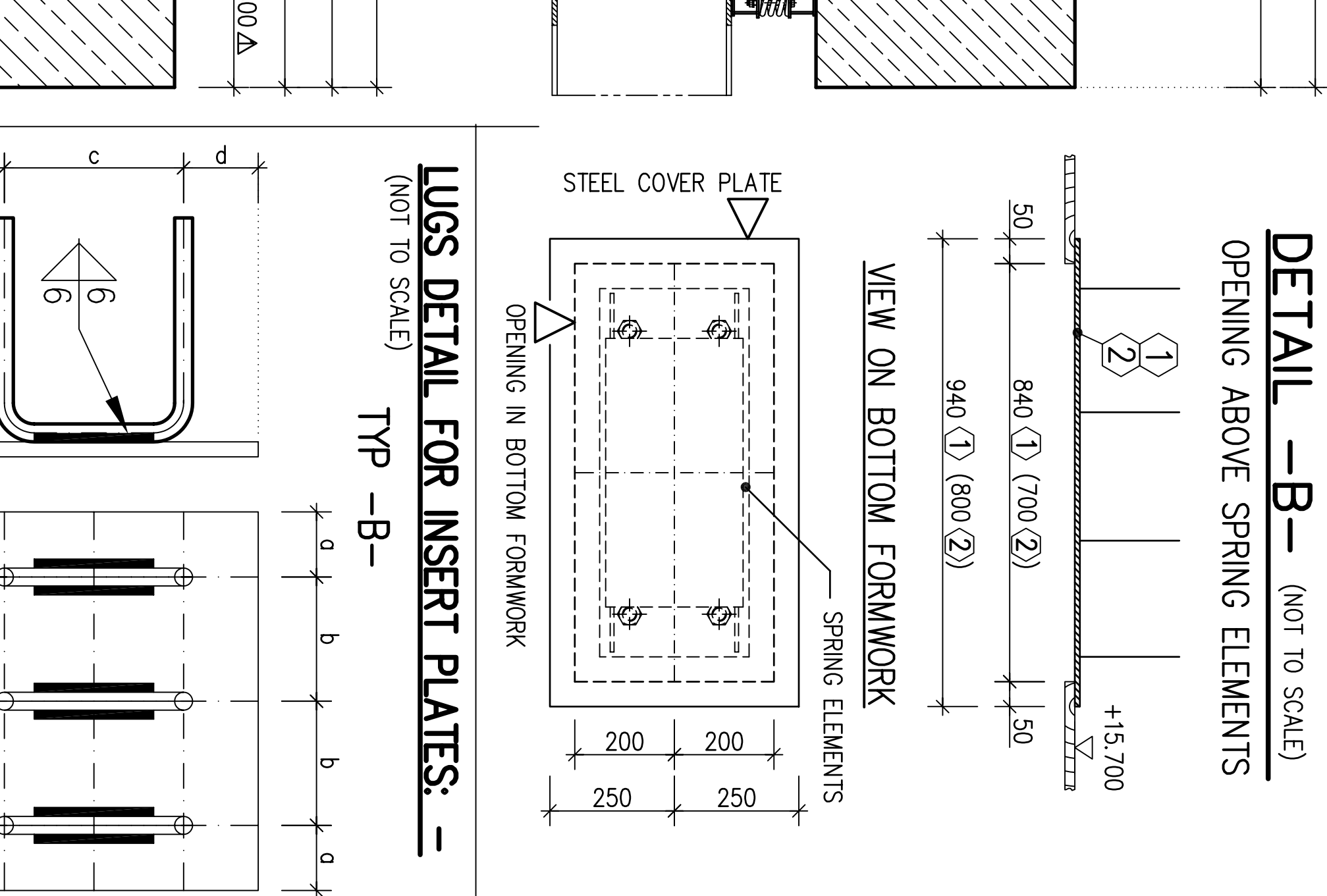
ITEM	TYPE	A	B	C	D	H	K	V	W
1	SPRING	540	740	300	280	425	6.25	4.25	1.19
2	SPRING	400	600	300	280	425	6.25	4.25	1.19
3	SPRING	100	300	300	280	425	3.54	2.19	0.54
4	SPRING	400	600	300	280	425	6.25	4.25	1.19



PLAN AT EL. +17.620 M



SECTION C-C



DETAIL A-A (TYPICAL)

**SETTING DETAILS**

- STEEL COVER PLATE WITH ANCHORS
- STEEL SHIMS FOR HEIGHT ADJUSTMENT
- ADHESIVE PADS
- ROUGH SPLITTING
- SUPPORT
- SPRING ELEMENT
- SPRING SUPPLY

**NOTES**

ALL DIMENSIONS ARE SUBJECT TO VERIFICATION AGAINST THE FINAL DRAWING OF THE MACHINE MANUFACTURER AND THE ACTUAL ON-SITE SITUATION.

GENERAL ARRANGEMENT OF MACHINE FOUNDATION IN THE BUILDING BY CUSTOMER.

THE CORRECT HEIGHT OF THE FORMWORK FOR THE FOUNDATION BLOCK MUST BE RESPONSIBLE FOR THE SUPERVISOR ON SITE. ELEVATIONS REFER TO OPERATING CONDITION.

FOLLOW GERB CONSTRUCTION MANUAL.

**TOLERANCES:**

A) GENERAL: ±10 mm

AT LOCATION OF SPRING ELEMENTS:

PER ELEMENT LENGTH: 2 mm

VERT. SPACING BETWEEN SURFACES OF CONTACT: 10 mm

B) ANCHOR BOLTS, STUDS, NUTS, PIPES, ETC., HORIZONTAL DISTANCE TO REFERENCE LINE: ± 9 mm

TILTING OF ANCHOR BOLTS, PIPES: 3 mm/m

EMBEDDED PARTS SHALL BE SUPPLIED BY CIVIL CONTRACTOR UNLESS OTHERWISE NOTED. EMBEDMENTS TO BE PLACED AND CHECKED ACCORDING TO THIS DRAWING. THEY SHALL BE SECURED SAFELY AGAINST SHIFTING.

MACHINE ANCHORING DETAILS BY BHEL.

CONCRETE TO BE PLACED WITHOUT INTERRUPTION.

CONCRETE SURFACES TO BE PROTECTED AGAINST DETRIMENTAL OIL WHERE NECESSARY.

GROUPING ACCORDING TO MACHINE MANUFACTURER'S SPECIFICATION.

SPRING ELEMENTS ARE ATTACHED BY ADHESIVE PADS AT TOP AND BOTTOM.

MANUFACTURER OF THE VIBRATION ISOLATION SYSTEM: GERB VIBRATION CONTROL SYSTEMS PVT. LTD. / INDIA

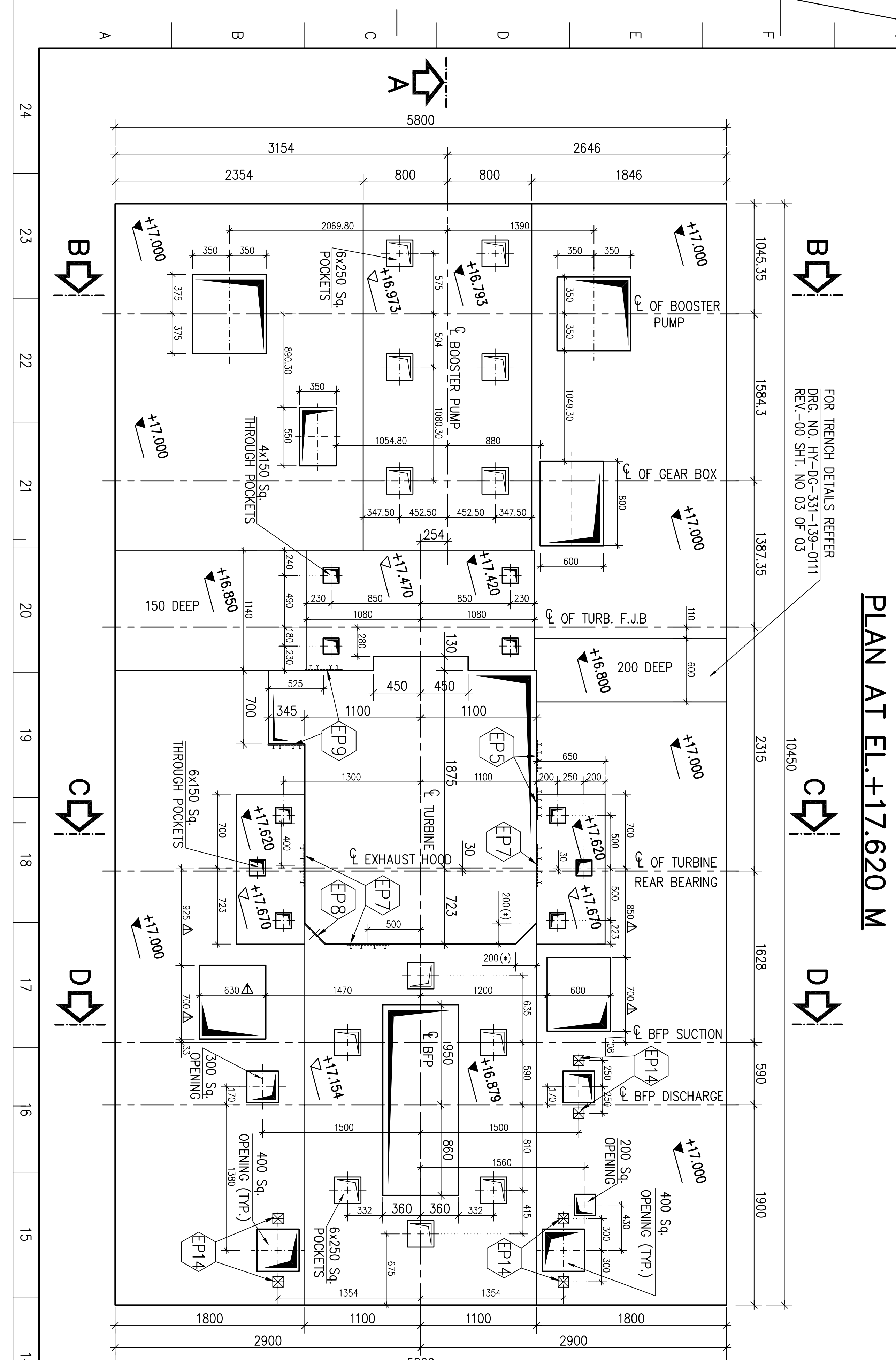
SCOPE OF DELIVERY:

- SPRING ELEMENTS
- ADHESIVE PADS
- STEEL SHIMS FOR HEIGHT ADJUSTMENT
- FINISHED FLOOR

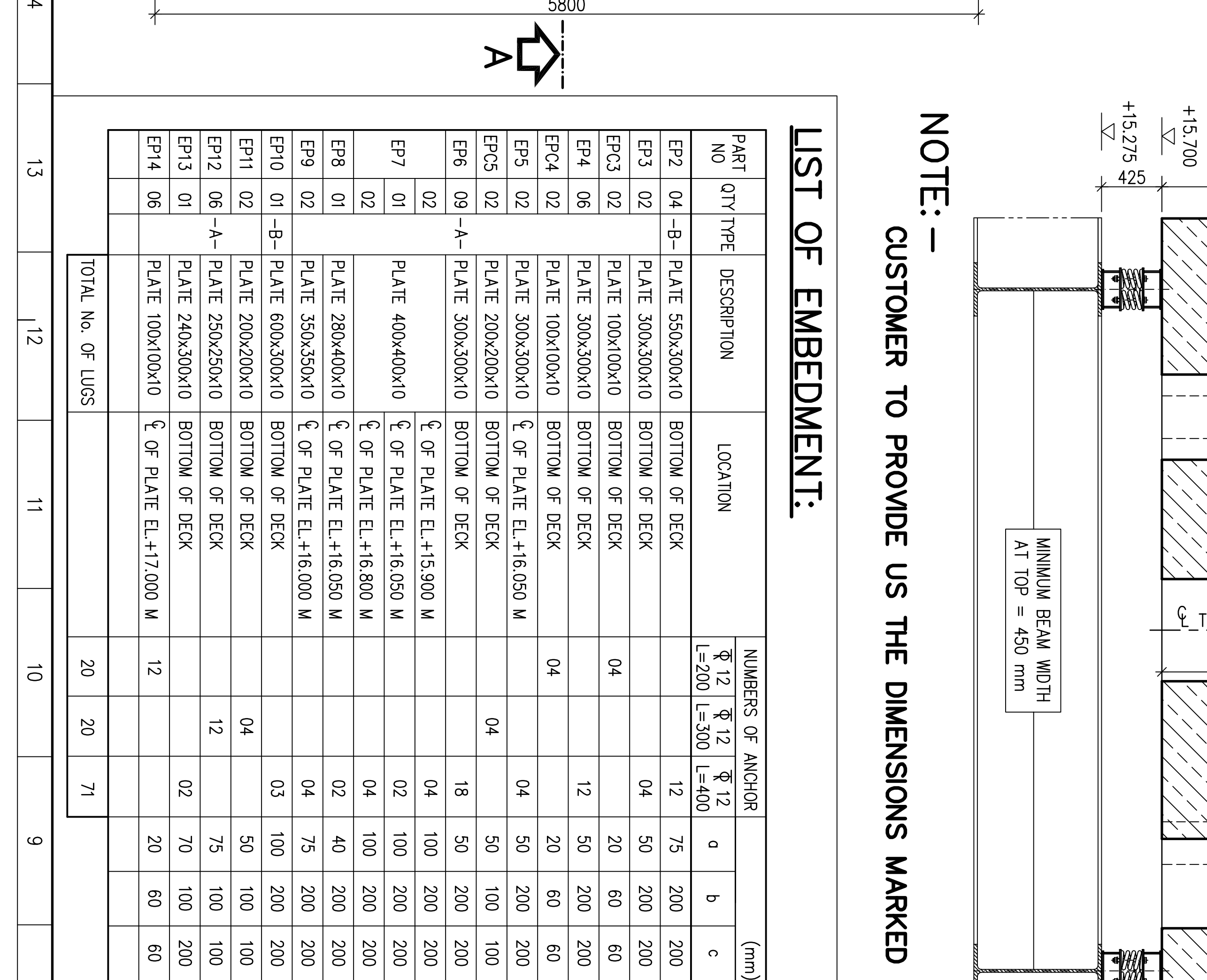
ALL MEASURES ARE "mm".

ROUGH CONCRETE

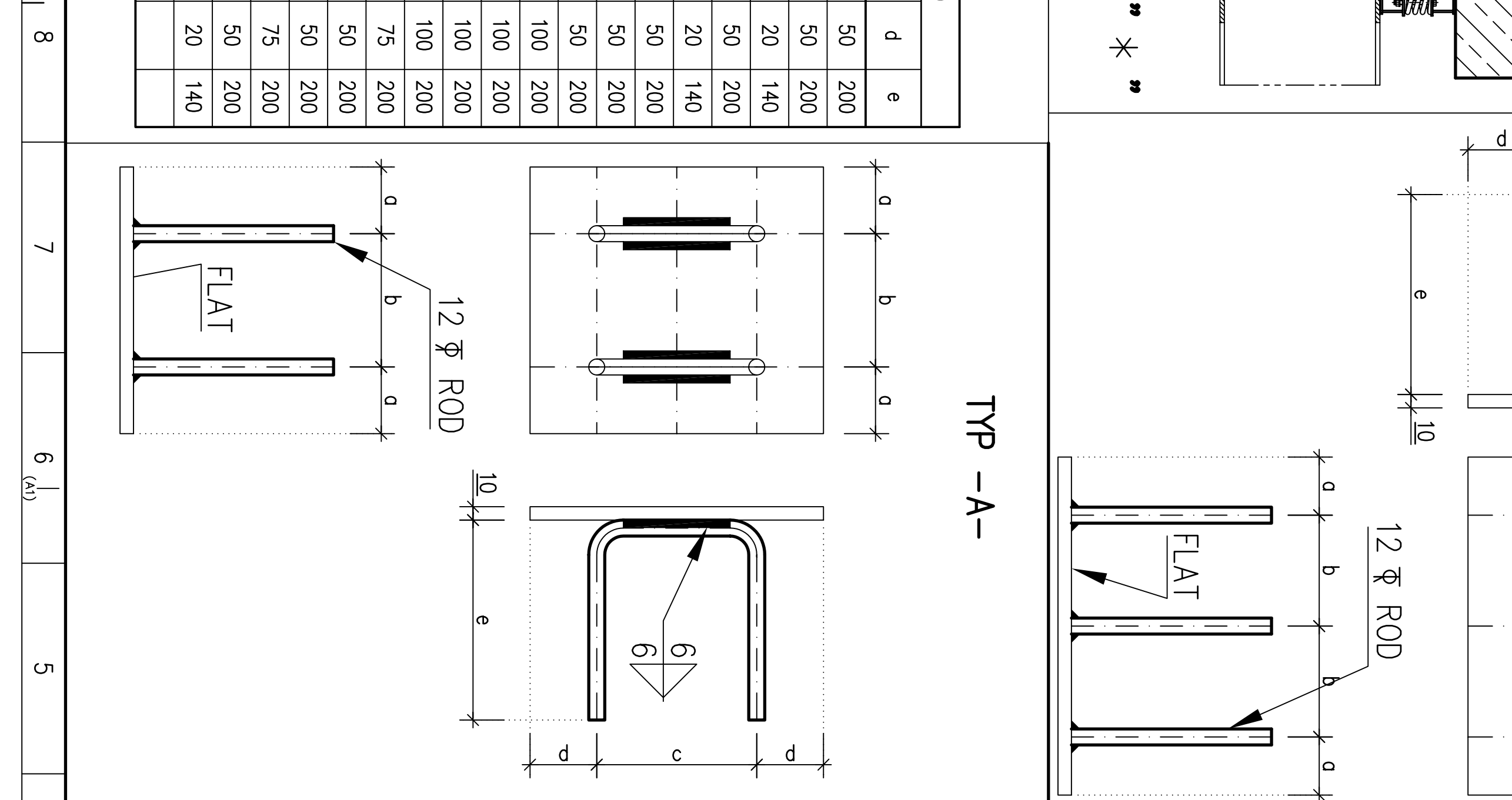
FINISHED FLOOR



PLAN AT EL. +17.000 M



PART NO	QTY	TYPE	DESCRIPTION	LOCATION	NUMBERS OF ANCHOR	a	b	c	d	e
EP1	02	PLATE	500x300x10	BOTTOM OF DECK	12	75	200	200	50	200
EP2	02	PLATE	300x300x10	BOTTOM OF DECK	04	50	200	200	50	200
EP3	02	PLATE	100x100x10	BOTTOM OF DECK	04	50	60	60	20	140
EP4	06	PLATE	300x300x10	BOTTOM OF DECK	12	50	200	200	50	200
EP5	02	PLATE	100x100x10	BOTTOM OF DECK	04	50	60	60	20	140
EP6	02	PLATE	300x300x10	BOTTOM OF DECK	04	50	200	200	50	200
EP7	02	PLATE	400x400x10	BOTTOM OF DECK	04	100	200	200	100	200
EP8	02	PLATE	280x400x10	BOTTOM OF DECK	04	100	200	200	100	200
EP9	02	PLATE	350x550x10	BOTTOM OF DECK	04	75	200	200	75	200
EP10	02	PLATE	600x300x10	BOTTOM OF DECK	04	100	200	200	50	200
EP11	02	PLATE	200x200x10	BOTTOM OF DECK	04	50	100	100	50	200
EP12	06	PLATE	250x250x10	BOTTOM OF DECK	12	75	100	100	75	200
EP13	01	PLATE	240x300x10	BOTTOM OF DECK	02	70	100	100	50	200
EP14	06	PLATE	100x100x10	BOTTOM OF DECK	12	20	60	60	20	140
TOTAL NO. OF LUGS					20	20	71			



**NOTE:**

CUSTOMER TO PROVIDE US THE DIMENSIONS MARKED " \* \* "

**LIST OF EMBEDMENT:**

PART NO	QTY	TYPE	DESCRIPTION	LOCATION	NUMBERS OF ANCHOR	a	b	c	d	e
EP1	02	PLATE	500x300x10	BOTTOM OF DECK	12	75	200	200	50	200
EP2	02	PLATE	300x300x10	BOTTOM OF DECK	04	50	200	200	50	200
EP3	02	PLATE	100x100x10	BOTTOM OF DECK	04	50	60	60	20	140
EP4	06	PLATE	300x300x10	BOTTOM OF DECK	12	50	200	200	50	200
EP5	02	PLATE	100x100x10	BOTTOM OF DECK	04	50	60	60	20	140
EP6	02	PLATE	300x300x10	BOTTOM OF DECK	04	50	200	200	50	200
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EP14	06	PLATE	100x100x10	BOTTOM OF DECK	12	20	60	60	20	140
TOTAL NO. OF LUGS					20	20	71			

**4 NO. OFF THUS**

IF IN DOUBT PLEASE CONTACT GERB.

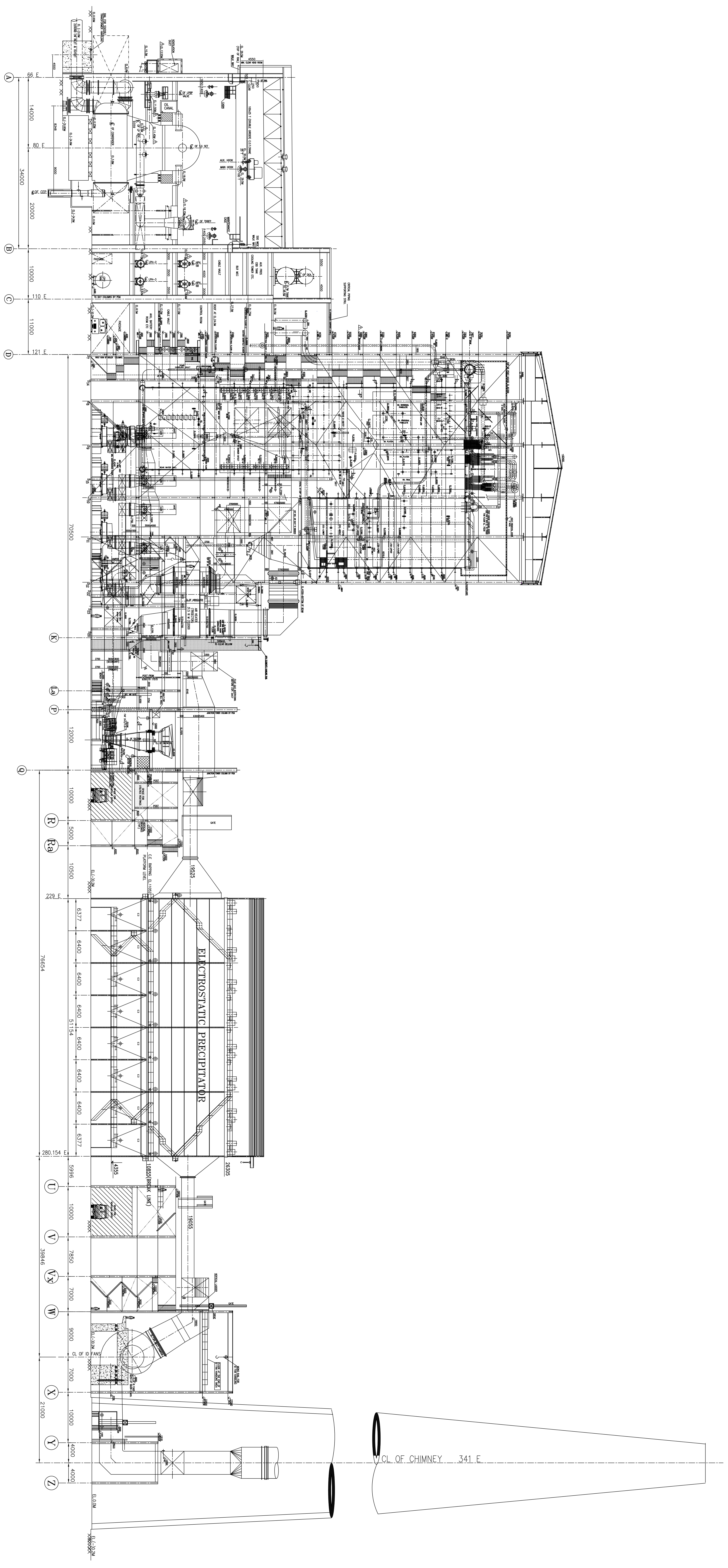
**FOR APPROVAL**  
STATUS: 16.08.2010

**GERB** GERB VIBRATION CONTROL SYSTEMS PVT. LTD.  
M/s SHARAT HEAVY ELECTRICALS LTD.  
NLC TAMILNADU POWER LIMITED  
TUTICORIN TPP (2500 MW)  
SPRING SUPPORTED  
TIDEP FOUNDATION

Project: NLC TAMILNADU POWER LIMITED  
TUTICORIN TPP (2500 MW)  
FOUNDATION BLOCK

Scale: 1:25  
Date: 16/08/2010  
Drawing No: N3869/08  
Sheet No: 01

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 It must not be used directly or indirectly in any way detrimental to the interest of the company.



- NOTES:-**
1. S.D.A. CORRESPONDENCE TO THE MAIN BUILDING FLOOR LEVEL (F.F.L.) WHICH IS 2.0M ABOVE FINISHED FLOOR LEVEL (F.F.L.) IS 2.0M ABOVE FINISHED FLOOR LEVEL.
  2. TO S.D.A. CORRESPONDENCE TO THE MAIN BUILDING FLOOR LEVEL (F.F.L.) WHICH IS 2.0M ABOVE FINISHED FLOOR LEVEL.
  3. THIS SHEET IS INTENDED FOR REFERENCE ONLY. FOR ALL DIMENSIONS AND DETAILS, REFER TO THE RESPECTIVE SHEETS TO BE REFERRED FOR DETAILS.
- REFERENCE DRAWING:**
- |              |            |             |             |             |
|--------------|------------|-------------|-------------|-------------|
| NO. OF SHEET | DATE       | BY          | CHKD        | APPD        |
| 1            | 10/01/2023 | S. K. ANAND | S. K. ANAND | S. K. ANAND |
| 2            | 10/01/2023 | S. K. ANAND | S. K. ANAND | S. K. ANAND |
| 3            | 10/01/2023 | S. K. ANAND | S. K. ANAND | S. K. ANAND |
| 4            | 10/01/2023 | S. K. ANAND | S. K. ANAND | S. K. ANAND |
| 5            | 10/01/2023 | S. K. ANAND | S. K. ANAND | S. K. ANAND |
| 6            | 10/01/2023 | S. K. ANAND | S. K. ANAND | S. K. ANAND |
| 7            | 10/01/2023 | S. K. ANAND | S. K. ANAND | S. K. ANAND |
| 8            | 10/01/2023 | S. K. ANAND | S. K. ANAND | S. K. ANAND |

<p><b>NIC TAMILNADU POWER LIMITED</b>                  MECON LIMITED</p>		<p>PACKAGE NO. TAI - MAIN PLANT PACKAGE (SG &amp; TG)</p>	
<p>PROJECT: <b>NIC TAMILNADU POWER LIMITED</b>                  2x3300 MW POWER PLANT AT TUTTUCHOIN</p>		<p>STATUS: <b>CONTRACT</b></p>	
<p>PROJECT: <b>BHARAT HEAVY ELECTRICALS LTD</b>                  POWER SECTOR MANAGEMENT                  PROJECT SIVAN NEW DELHI</p>		<p>NO. OF SHEET: 8                  NO. OF DATE: 10/01/2023                  DATE: 10/01/2023</p>	
<p>TITLE: <b>CROSS SECTION OF MAIN PLANT</b></p>		<p>SCALE: 1:250</p>	
<p>FORMAT: SHEET NO. 1 OF 1</p>		<p>REV. 1</p>	