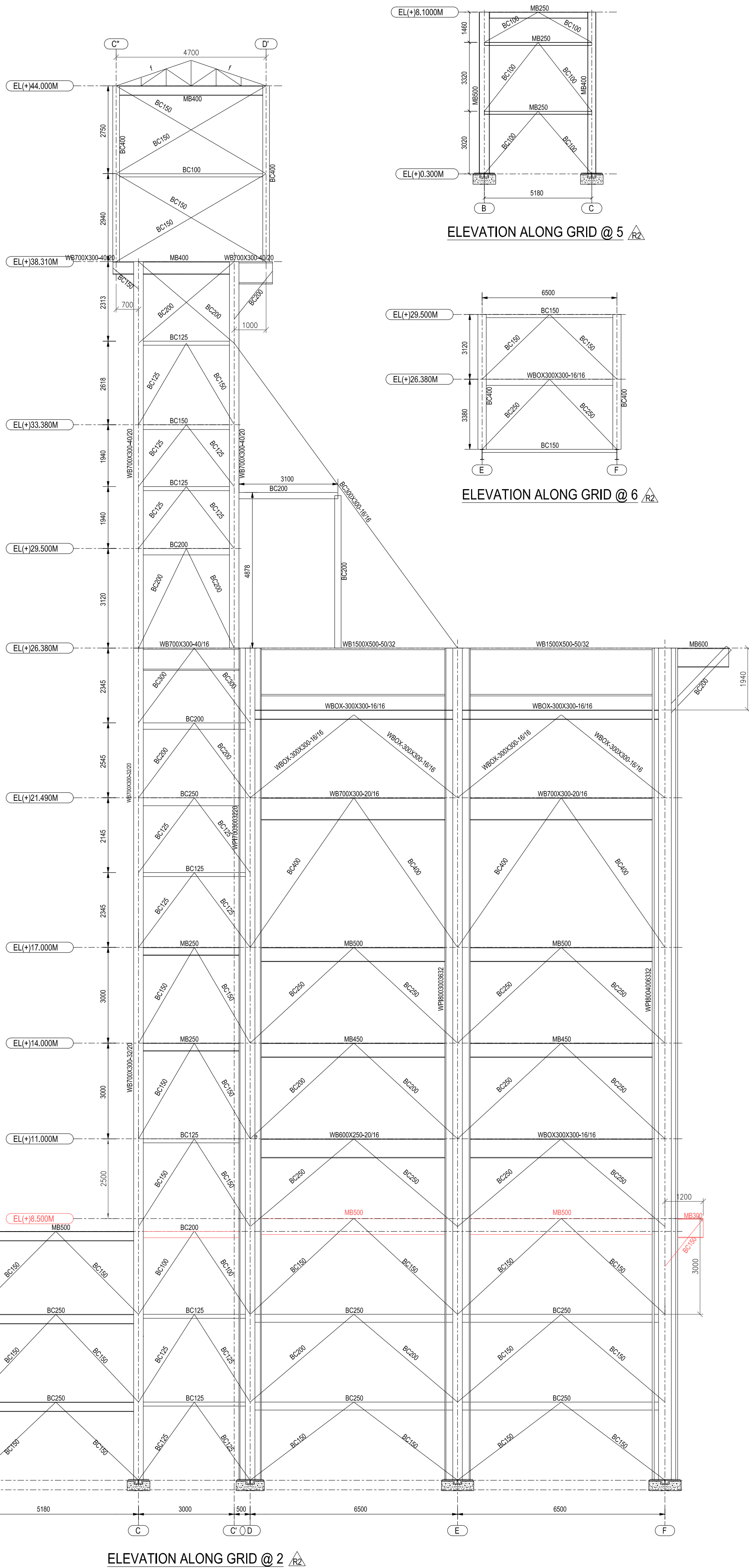


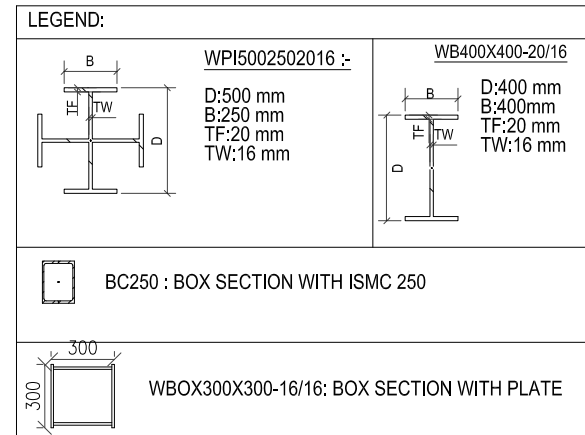


ELEVATION ALONG GRID @ 5

ELEVATION ALONG GRID @ 6

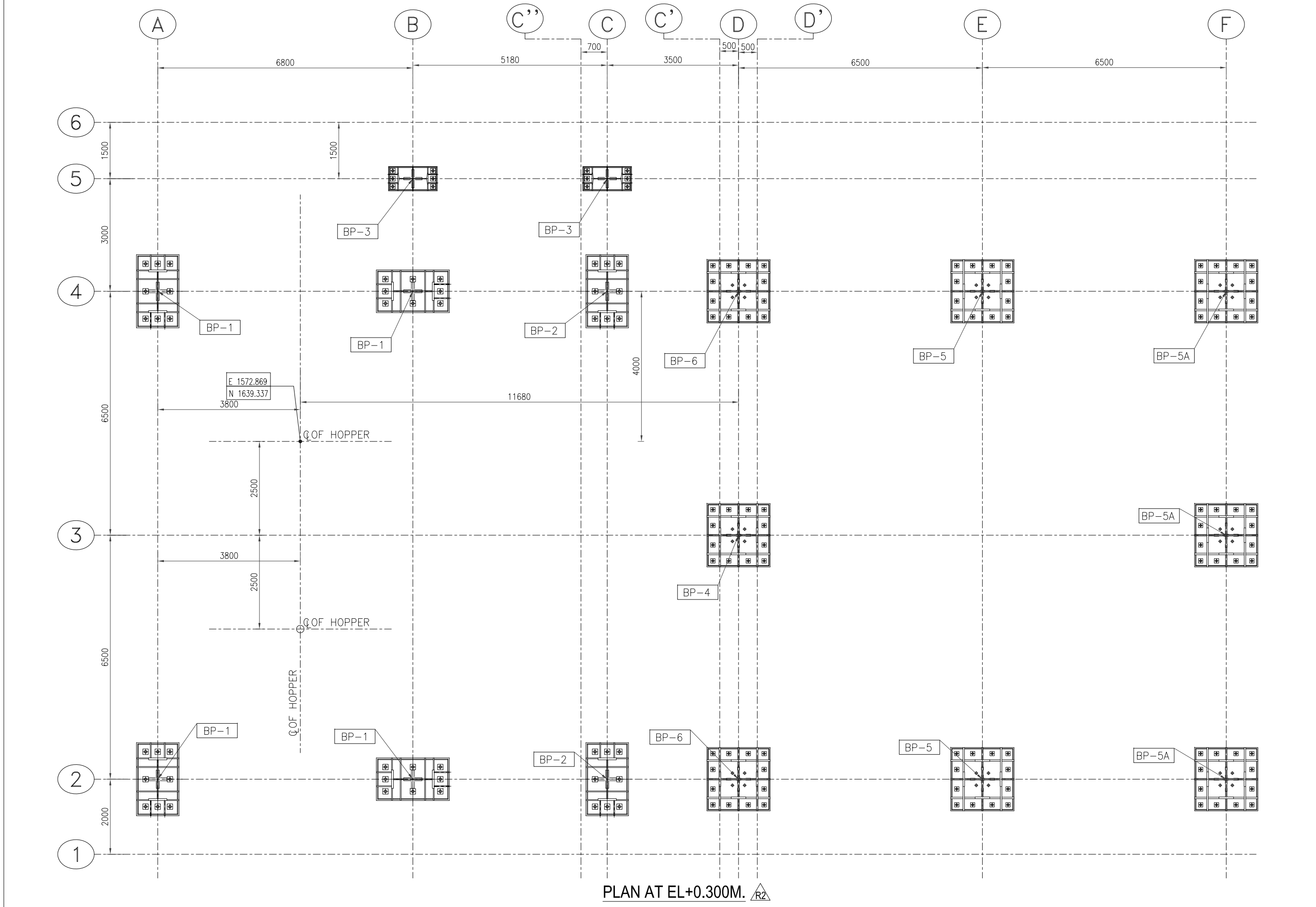
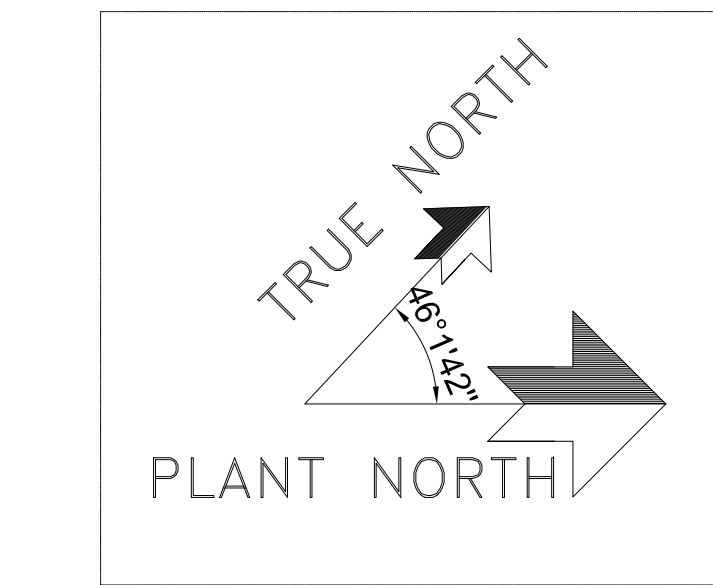
ELEVATION ALONG GRID @ 2

TABLE OF MEMBERS			
MKD.	PROFILE	SECTION	REMARKS
a	T	2-ISA 50x50x6	
b	T	2-ISA 65x65x6	
c	T	2-ISA 75x75x6	
d	T	2-ISA 80x80x8	
e	T	2-ISA 90x90x8	
f	T	2-ISA 100x100x10	
g	T	2-ISA 130x130x12	
h	T	2-ISA 150x150x16	
j	T	2-ISA 200x200x20	

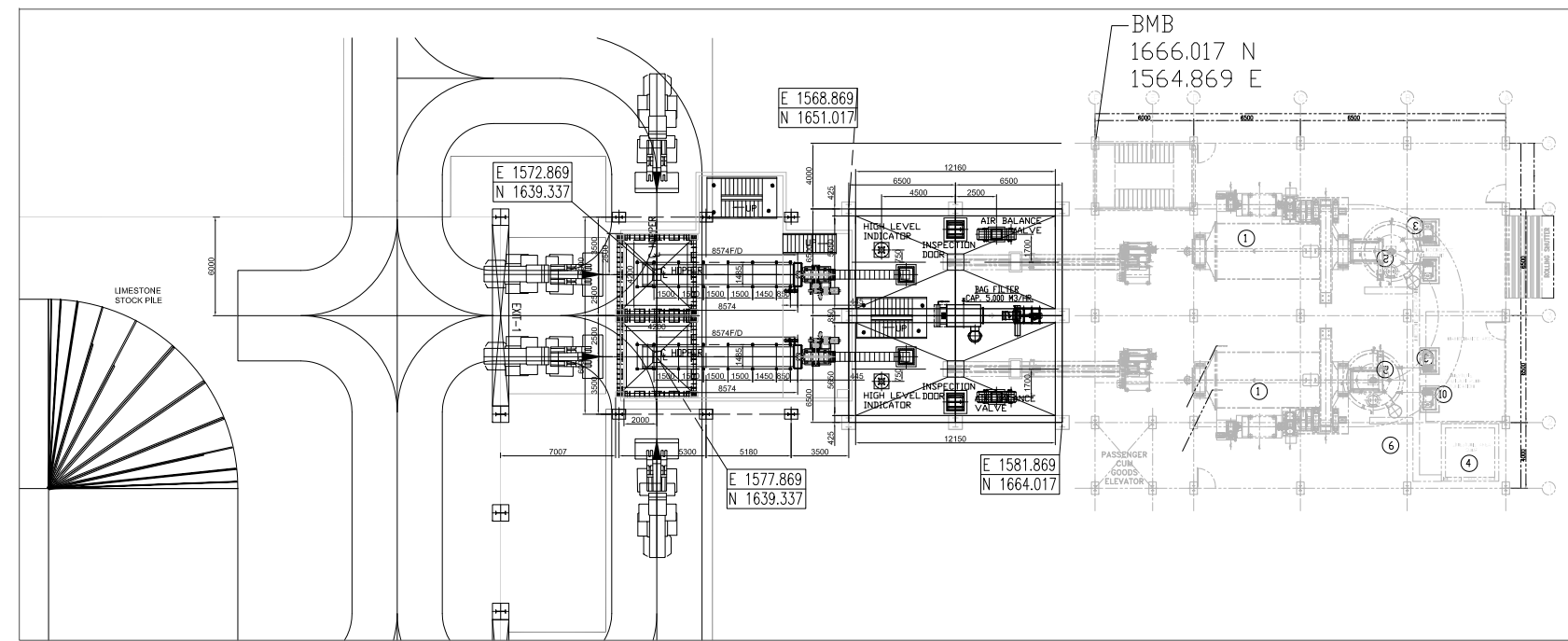


LEGEND

- UN - UNLESS NOTED
- BOT. OF BP - BOTTOM OF BASE PLATE
- STIFF - STIFFENER
- THK - THICKNESS
- PL - PLATE
- CHEQUERED PLATE
- GRATING
- RCC
- (TOP OF CHQ.PL) - TOP OF STEEL
- (T.O.S) - TOP OF STEEL
- MC - MOMENT CONNECTION
- (BKT) - BRACKET
- EL - ELEVATION
- TYP - TYPICAL
- MKD - MARKED
- COL - COLUMN



PLAN AT EL+0.300M



- NOTES:-
- THIS DRAWING SHALL BE READ IN CONJUNCTION WITH CONTRACT TERMS AND CONDITIONS, TECHNICAL SPECIFICATIONS AND SCHEDULE OF ITEMS.
 - ALL DIMENSIONS ARE IN MM & ELEVATION IN METERS UNLESS STATED OTHERWISE.
 - ALL ELEVATION ARE REFERRED TO THE FINISHED FLOOR LEVEL OF POWER HOUSE BUILDING AS EL. 0.00 M WHICH CORRESPONDS TO RL(+1) 5.60 M.
 - FOR ALL OTHER NOTES REFER GENERAL NOTES FOR STRUCTURAL STEEL WORKS DRG. NO. MAITREE-00-UTX-LC-100200-PEM.
 - GRADE OF STEEL- E350, CONFORMING TO SA/S-2062.
 - FOR GROUTING OF BASE PLATE REF. DRG. NO. Maitree-00-UEF-LC-177042-1SG-0.
 - CONNECTION DETAILS SHOWN ARE INDICATIVE ONLY. SIZE & THICKNESS OF GUSSETS, NO. & DIA. OF CONNECTION BOLTS ETC. SHALL BE SHOWN IN CORRESPONDING FABRICATION DRG.

- REFERENCE:-
- REF. MECH DRG : Maitree-00-KF-LH-175518-1SG-0 (SHEET-1 & 2)

2x660MW MAITREE SUPER THERMAL POWER PROJECT, RAMPAL, BANGLADESH (EPC MAIN PLANT PACKAGE)				
OWNER CONSULTANT:		OWNER:		
FICHTNER M/s FICHTNER GmbH & Co KG, Stuttgart, GERMANY		BANGLADESH-INDIA FRIENDSHIP POWER COMPANY (PVT.) LIMITED, BANGLADESH BHARAT HEAVY ELECTRICALS LTD INDUSTRIAL SYSTEMS GROUP BANGALORE		
DRAWN BY	DATE	NAME	TITLE	SCALE:
DESIGN BY	15.12.18	PANCHU	LIMESTONE INTERMEDIATE SILO 1 & 2;	SHEET 1 OF 12
CHECKED BY	17.12.18	RAVI PONNA	STRUCTURAL GA PLAN & ELEVATION DETAILS, DETAILS OF STAIRCASE, BASE PLATE, SIDE RUNNER & PURLIN	
APPROVED BY	17.12.18	SCC		
SUPERSEDED BY:				
SYSTEM:	ANNEX:	DRAWING NO:	Maitree-00-UEB-LC-177384-1SG	REV 2

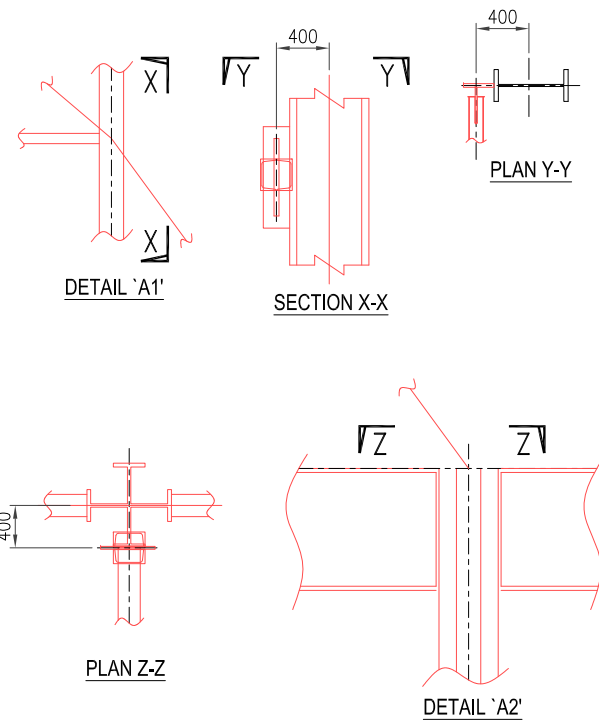


1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH CONTRACT TERMS AND CONDITIONS, TECHNICAL SPECIFICATIONS AND SCHEDULE OF ITEMS.
2. ALL DIMENSIONS ARE IN MM & ELEVATION IN METERS UNLESS STATED OTHERWISE.
3. ALL ELEVATION ARE REFERRED TO THE FINISHED FLOOR LEVEL OF POWER HOUSE BUILDING AS EL. 0.00 M WHICH CORRESPONDS TO RL(+). 5.60 M.
4. FOR ALL OTHER NOTES REFER GENERAL NOTES FOR STRUCTURAL STEEL WORKS, DRG. NO. MATREE-00-UTX-LC-100200-PEN.
5. GRADE OF STEEL= E350, CONFORMING TO IS/AS-2062.
6. FOR SCHEDULING OF BASE PLATE REF. DRG. NO. MATREE-00-UEF-LC-177042-ISC-0.
7. CONNECTION DETAILS SHOWN ARE INDICATIVE ONLY. SIZE & THICKNESS OF GUSSETS, NO. & DIA. OF CONNECTION BOLTS ETC. SHALL BE SHOWN IN CORRESPONDING FABRICATION DRG.

1. REF. MECH DRG : Maitree-00-KF-LH-175518-ISG-0 (SHEET-1 & 2)

SALE:

SHEET 2
OF 12



ELEVATION ALONG GRID @ 4



2	14.09.19	MD SAQLAIN	RAWI PONNA	REDDY	REVISED AS PER COMMENTS
1	24.05.19	PANCHU	RAWI PONNA	SCC	REVISED AS PER COMMENTS
REV	DATE	ALTERED	CHECKED	APPROVED	NOTE

PROJECT

2x660MW MAITREE SUPER THERMAL POWER PROJECT, RAMPAL, BANGLADESH
(EPC MAIN PLANT PACKAGE)

OWNER CONSULTANT:			OWNER:					
 M/s FICHTNER GmbH & Co KG, Stuttgart,GERMANY			 BANGLADESH-INDIA FRIENDSHIP POWER COMPANY (PVT.) LIMITED, BANGLADESH					
			 BHARAT HEAVY ELECTRICALS LTD INDUSTRIAL SYSTEMS GROUP BANGALORE			SCALE:		
						SHEET 3 OF 12		

DRAWN BY	DATE	NAME
DESIGN BY	15.12.18	PANCHU
CHECKED BY	15.12.18	SARVANA/KRB
APPROVED BY	17.12.18	RAWI PONNA
SUPERSEDED:	17.12.18	SCC

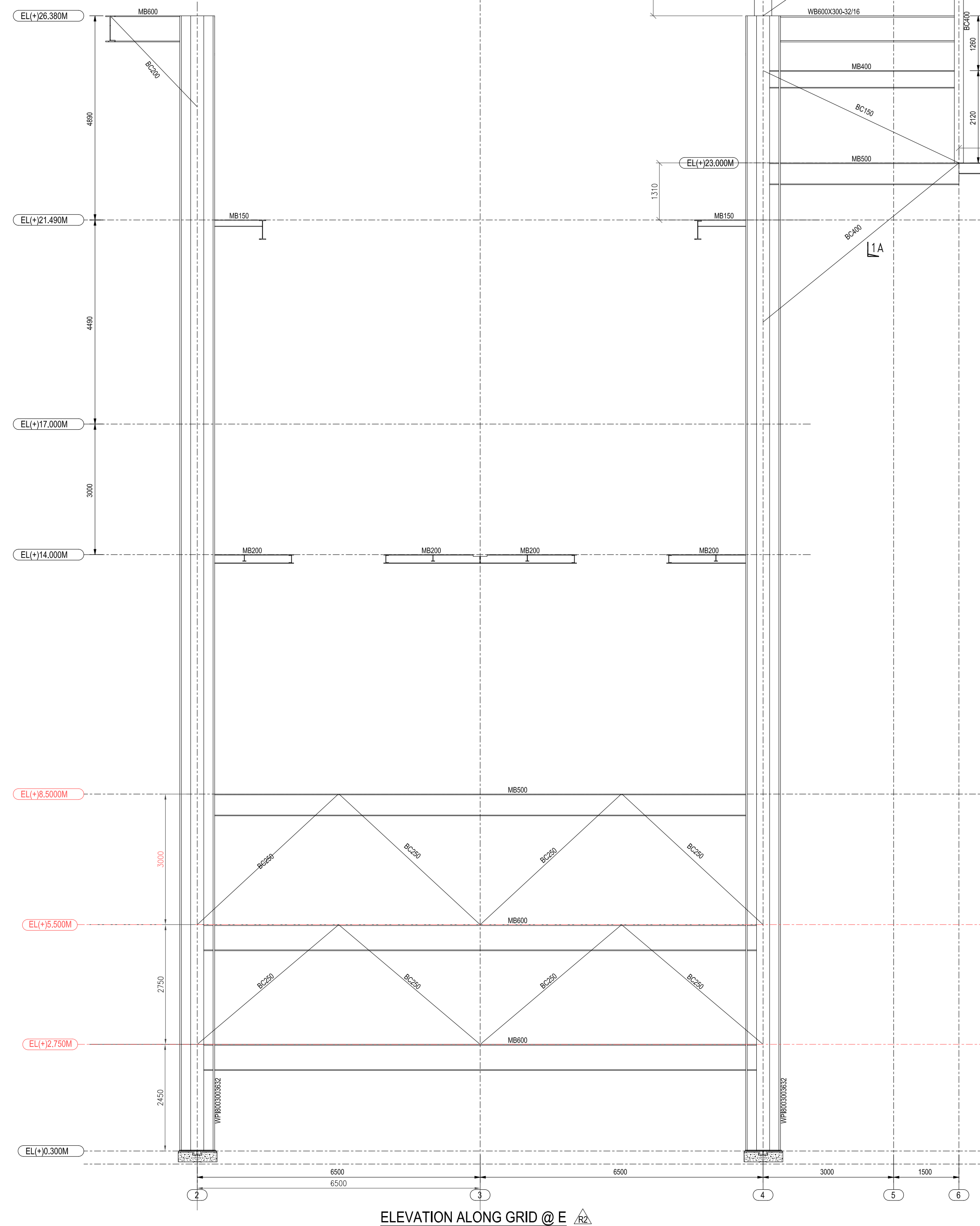
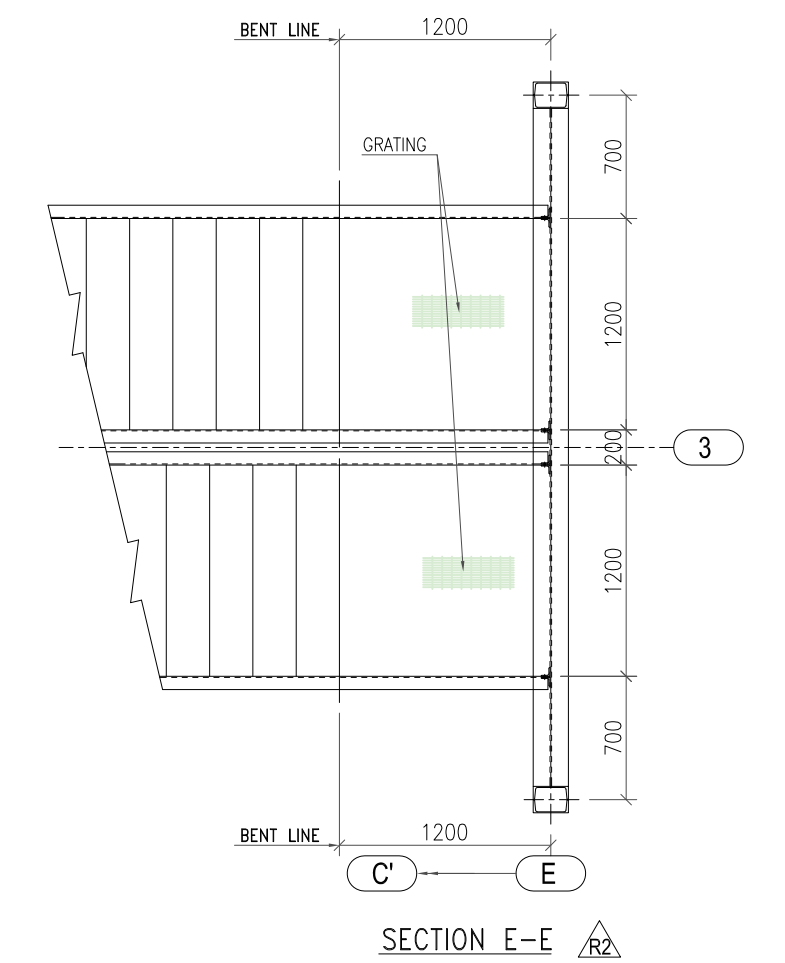
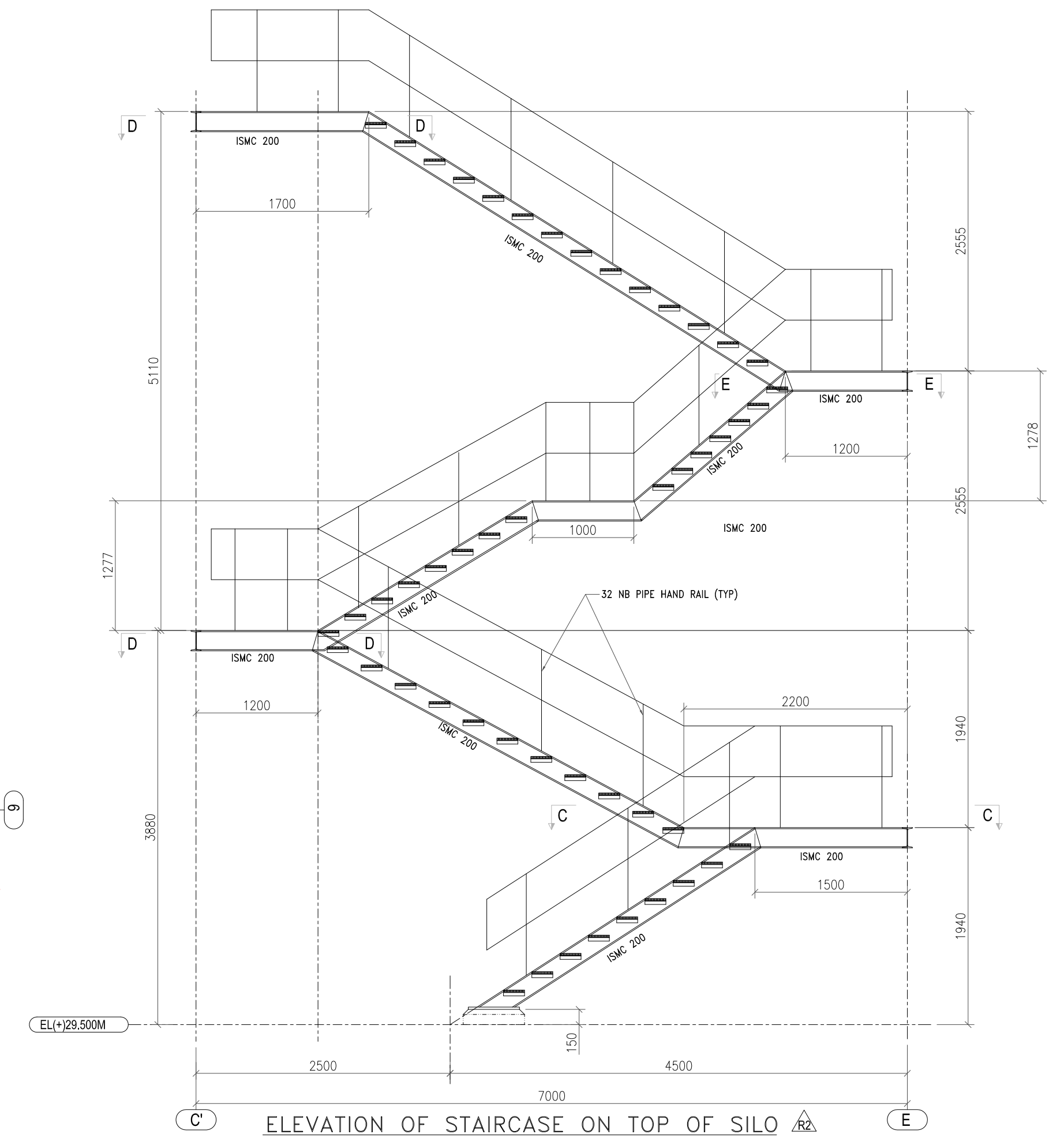
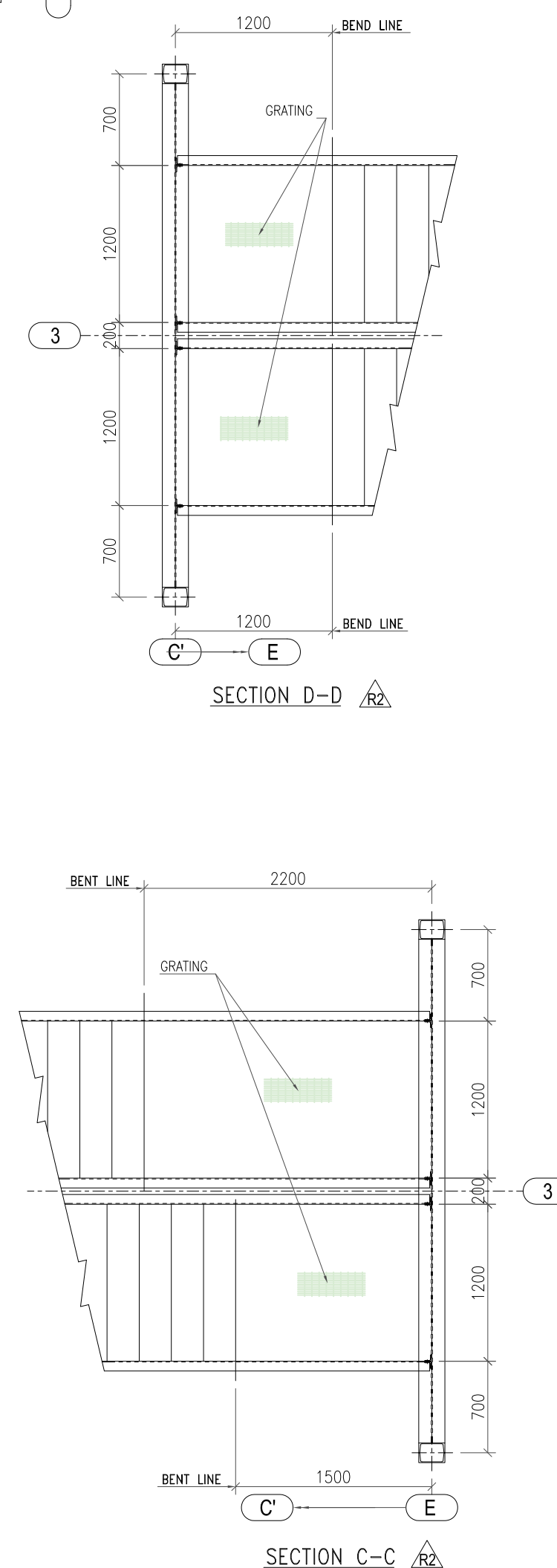
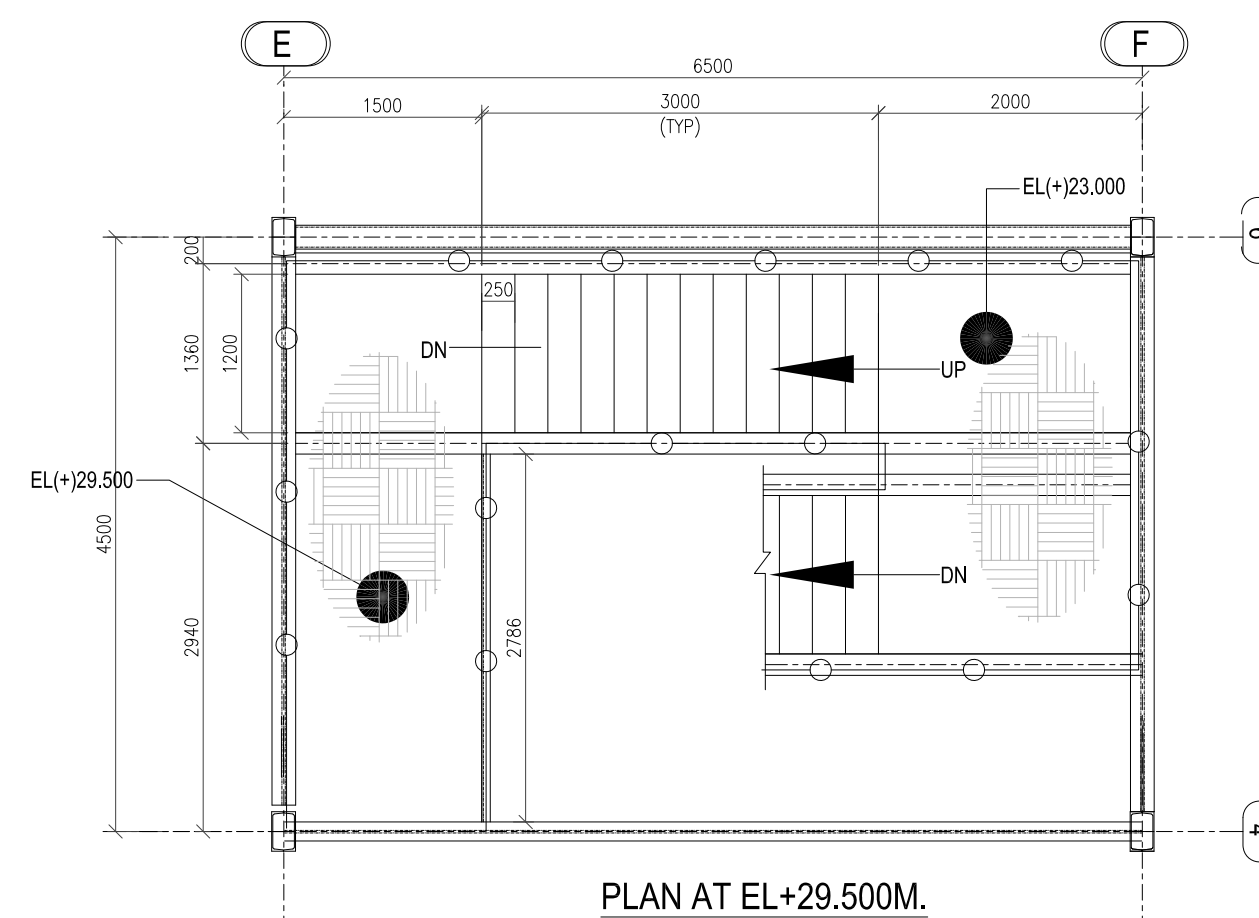
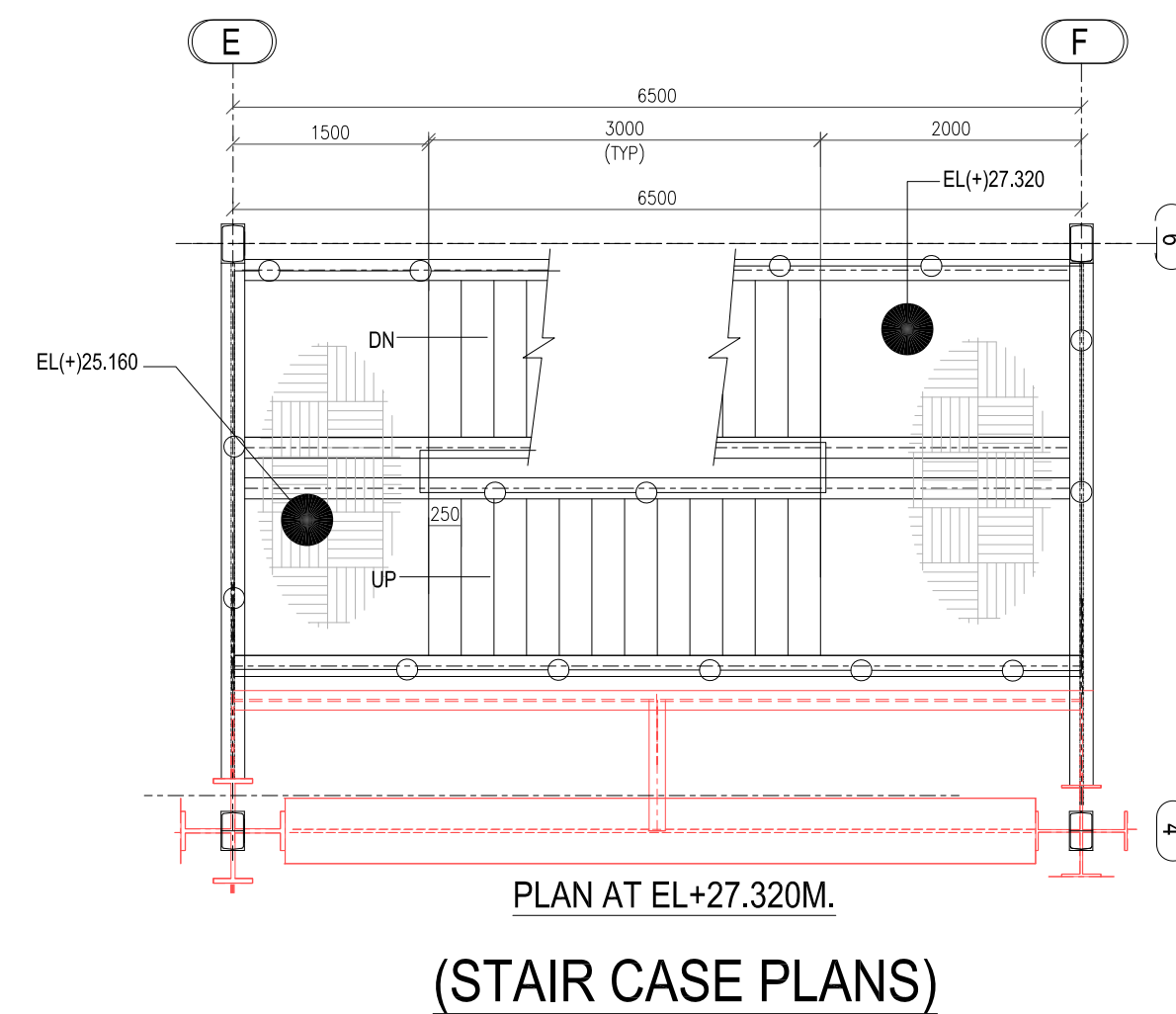
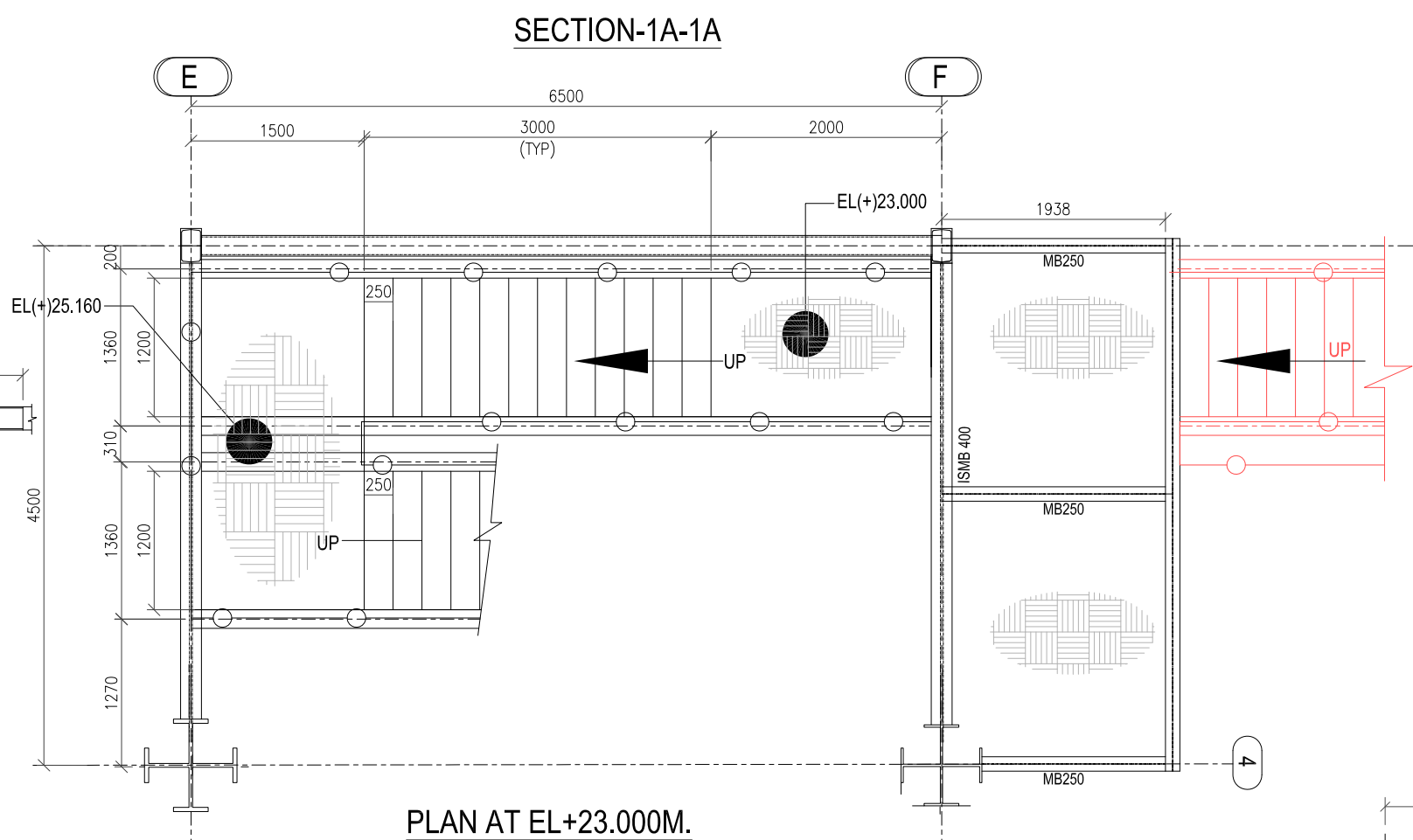
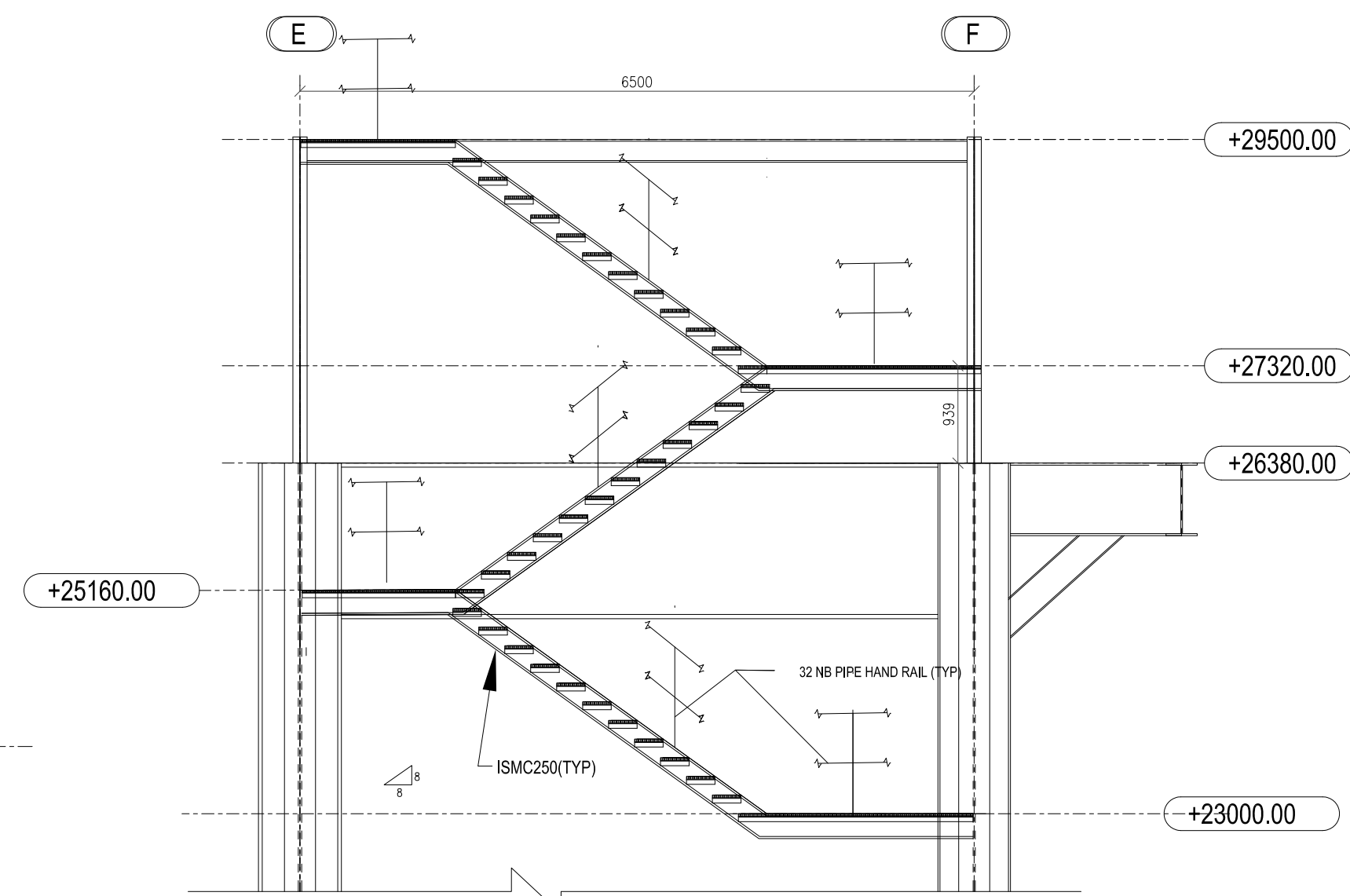
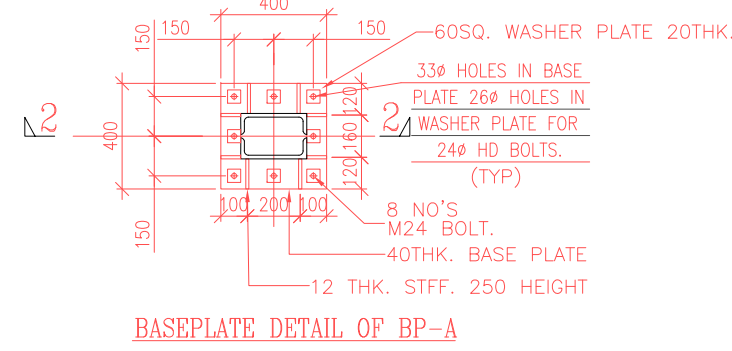
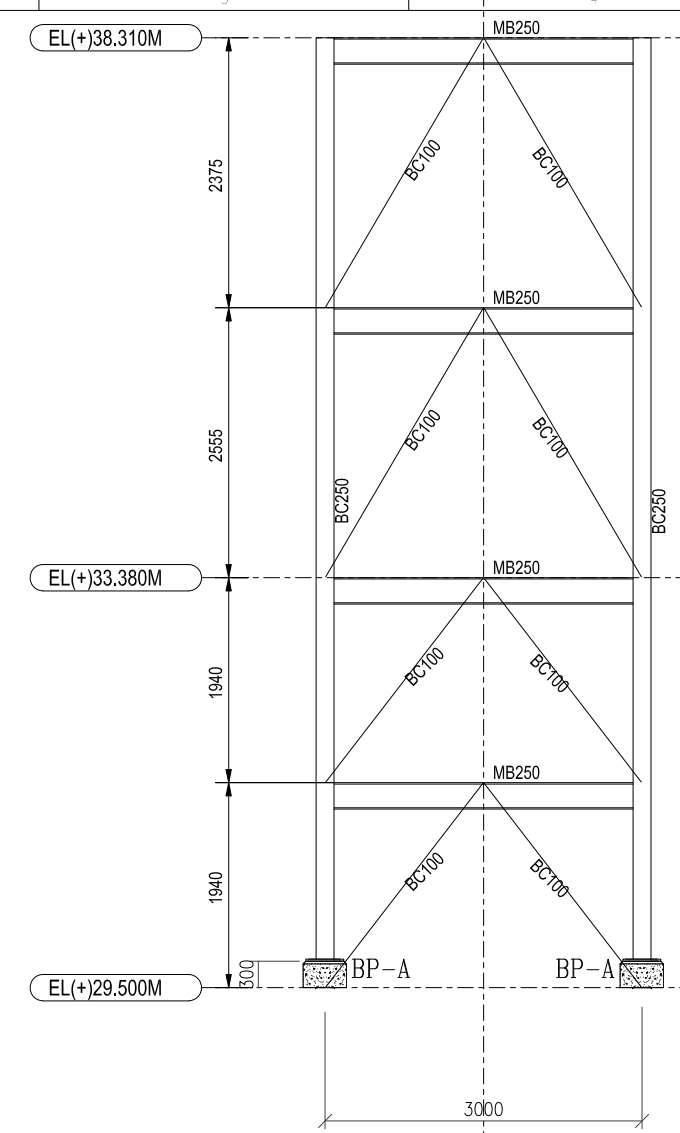
TITLE

LIMESTONE INTERMEDIATE SILO 1 & 2;
STRUCTURAL GA PLAN & ELEVATION DETAILS,DETAILS OF STAIRCASE,BASE
PLATE,SIDE RUNNER & PURLIN

SUPERSEDED BY:	SIZE:	A1	PROJECT NO.:	421	FILE#:
SYSTEM:	ANNEX:	DRAWING NO.:	Maitree-00-UEB-LC-177384-IG-0	REV:	2

SCALE:

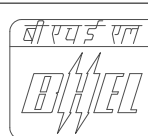
SHEET 3
OF 12



2	14.09.19	MD SAQLAN	RAVI PONNA	REDDY	REVISED AS PER COMMENTS
1	24.05.19	PANCHU	SCC	RAVI PONNA	REVISED AS PER COMMENTS
REV	DATE	ALTERED	CHECKED	APPROVED	NOTE

PROJECT

**2x660MW MAITREE SUPER THERMAL POWER PROJECT, RAMPAL, BANGLADESH
(EPC MAIN PLANT PACKAGE)**

OWNER: FICHTNER M/ä FICHTNER GmbH & CO KG. Stuttgart,GERMANY			 	OWNER: BANGLADESH-INDIA FRIENDSHIP POWER COMPANY (PVT.) LIMITED, BANGLADESH					
				BHARAT HEAVY ELECTRICALS LTD INDUSTRIAL SYSTEMS GROUP BANGALORE					
DATE		NAME	SCALE:		SHEET 4 OF 12				
DRAWN BY	15.12.18	PANCHU							
DESIGN BY	15.12.18	SARVANA/KRB							
CHECKED BY	17.12.18	RAVI PONNA							
APPROVED BY	17.12.18	SCC							
SUPERSEDES:									
SUPERSEDED BY:			SIZE:	A1	PROJECT NO:	421	FILE:		
SYSTEM:			ANNEX:	DRAWING NO:	Maitree-00-UEB-LC-177384-ISO-0				REV 2

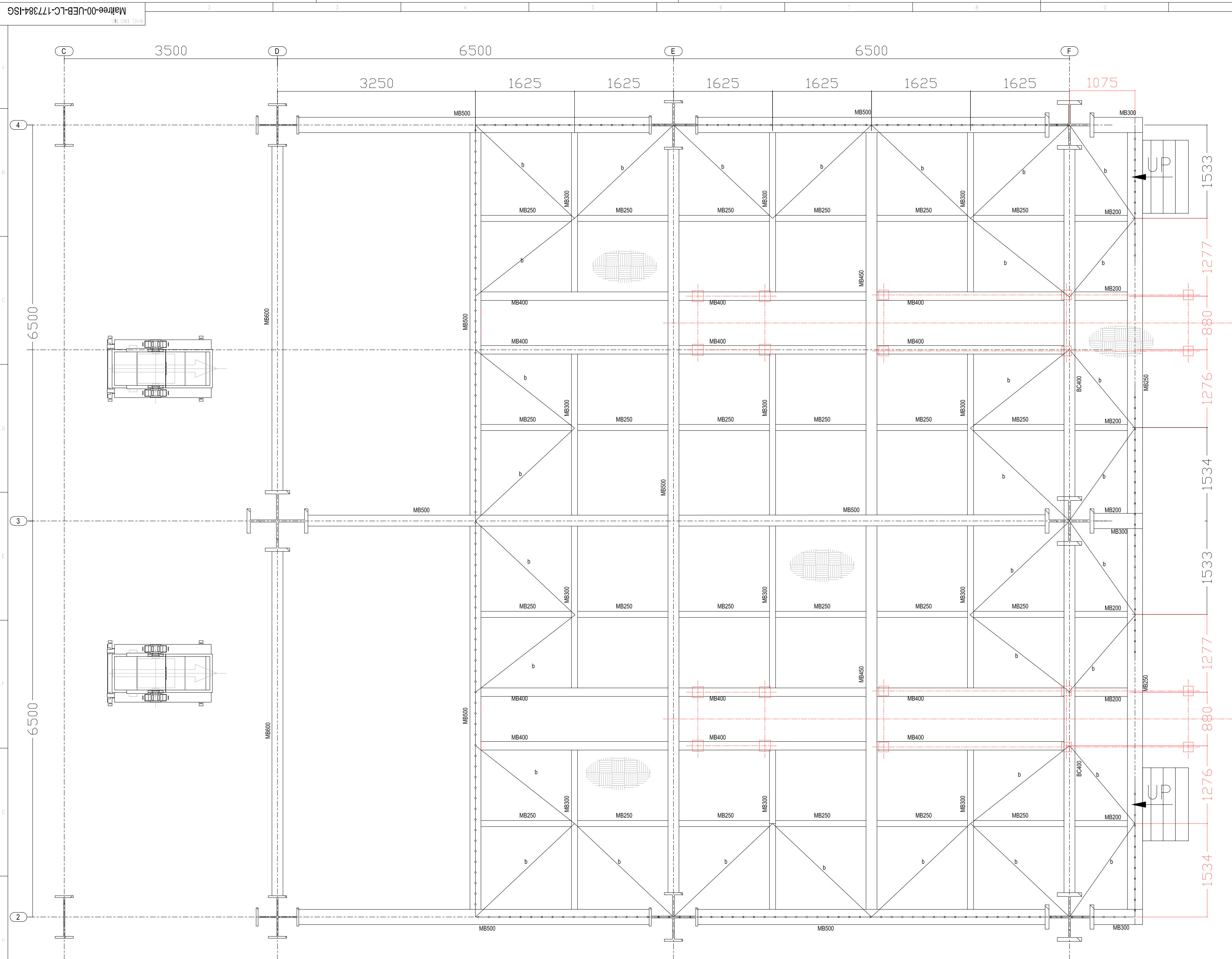
TITLE

**LIMESTONE INTERMEDIATE SILO 1 & 2;
STRUCTURAL GA PLAN & ELEVATION DETAILS.DETAELS OF STAIRCASE,BASE
PLATE,SIDE RUNNER & PURLIN**

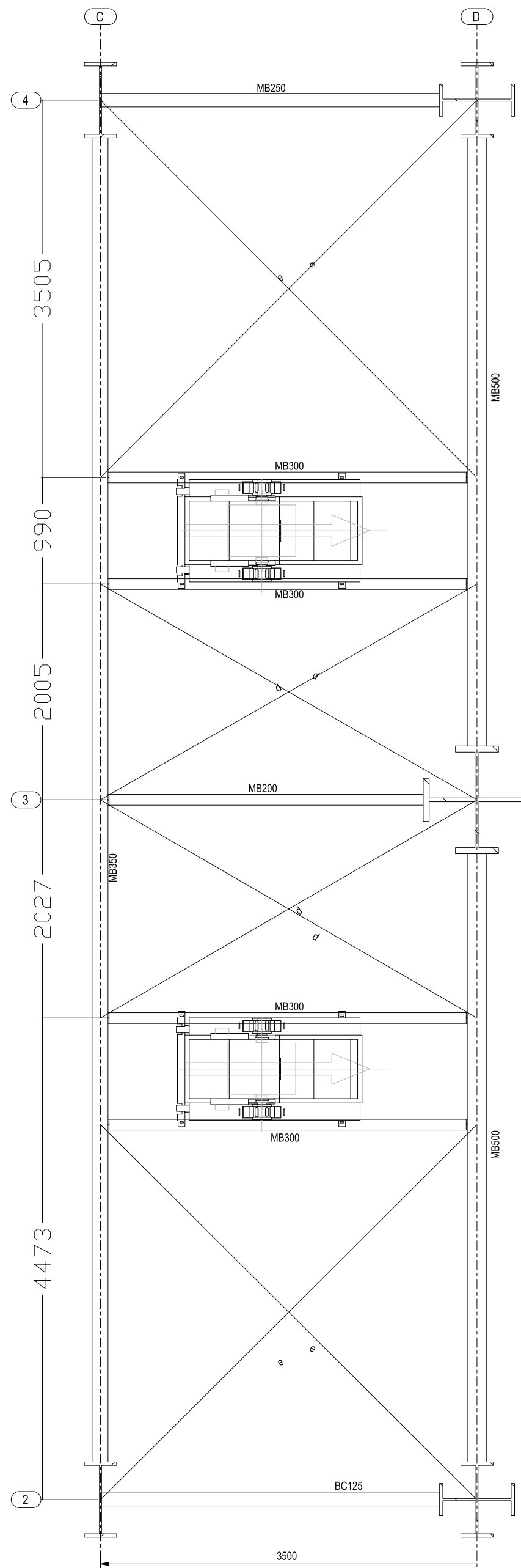


SCALE:

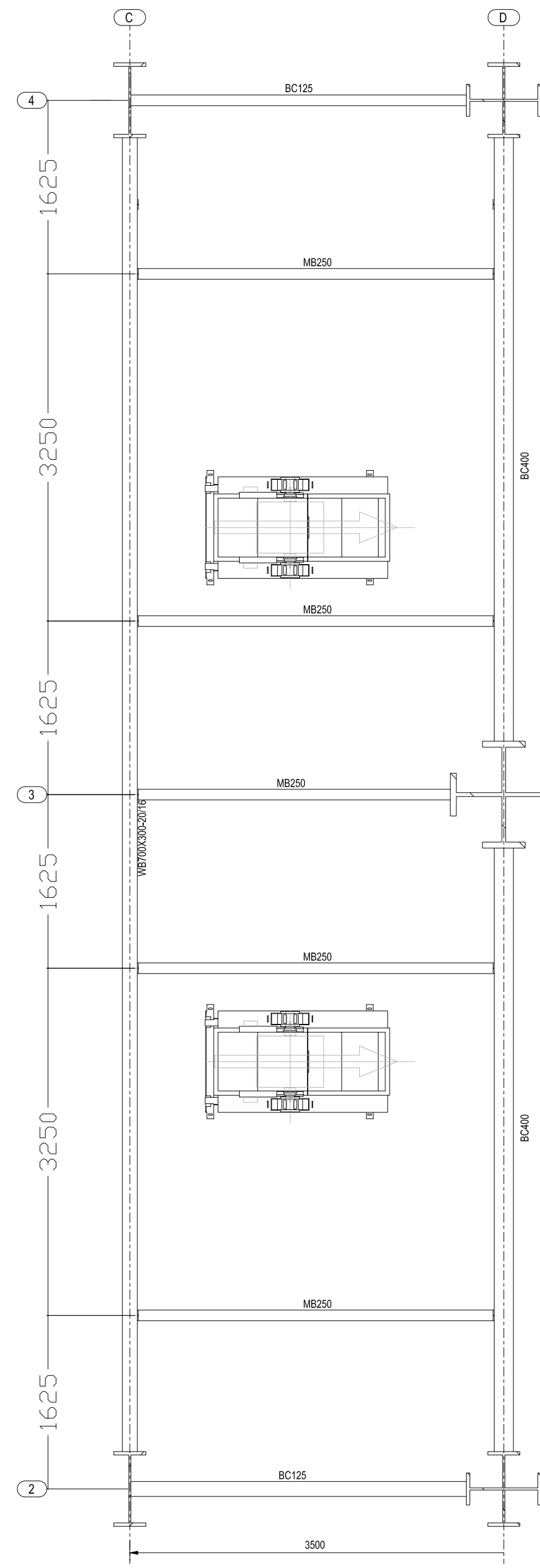
SHEET 5
OF 12



FLOOR PLAN AT EL(+8.500M(T.O.S))
(ALL ANGLES/BRACINGS TO BE PLACED 125 MM BELOW T.O.S)

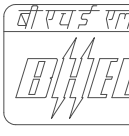


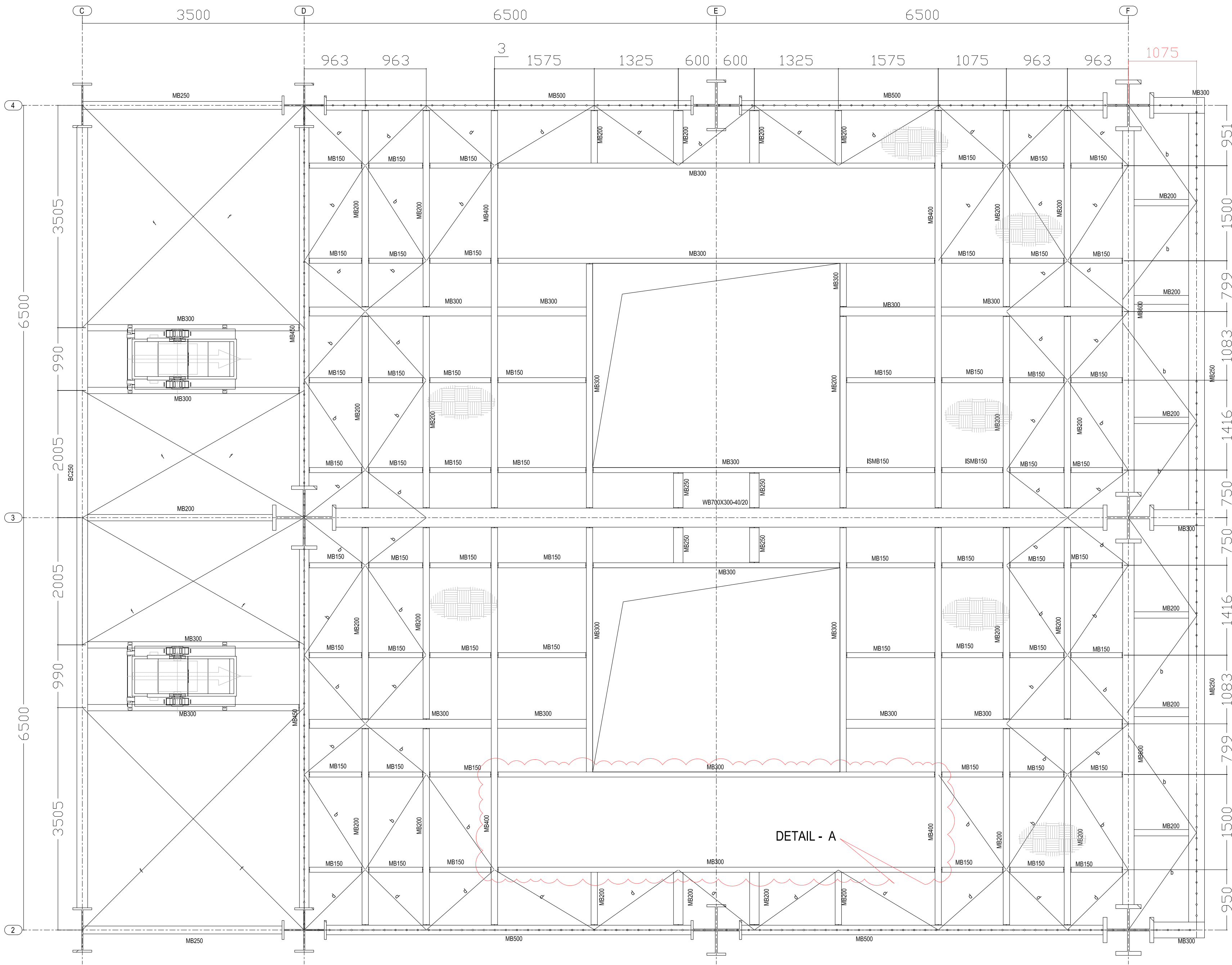
FLOOR PLAN AT EL(+11.000M(T.O.S))
(ALL ANGLES/BRACINGS TO BE PLACED 125 MM BELOW T.O.S)



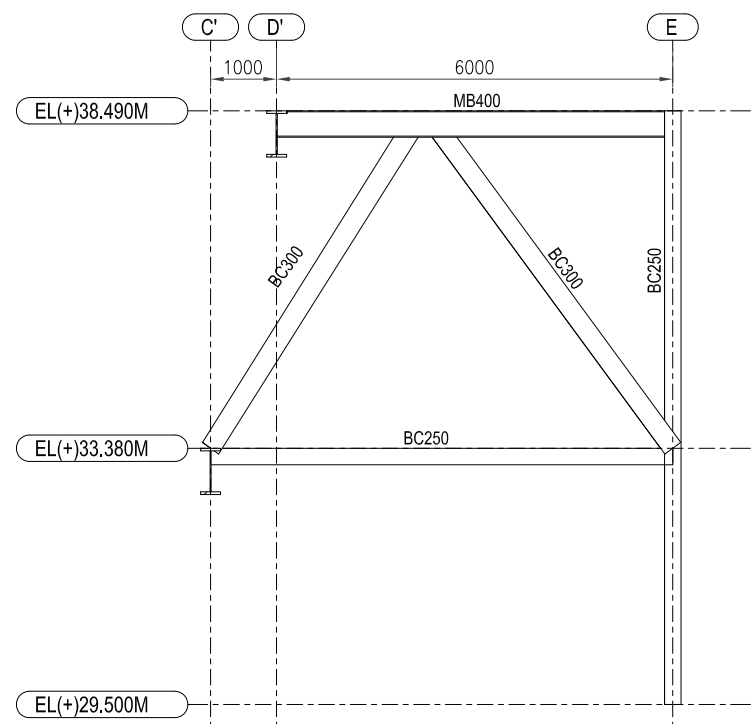
FLOOR PLAN AT EL(+5.500M(T.O.S))
(ALL ANGLES/BRACINGS TO BE PLACED 125 MM BELOW T.O.S)

TABLE OF MEMBERS			
MKD.	PROFILE	SECTION	REMARKS
a	T	2-ISA 50x50x6	
b	T	2-ISA 65x65x6	
c	T	2-ISA 75x75x6	
d	T	2-ISA 80x80x8	
e	T	2-ISA 90x90x8	
f	T	2-ISA 100x100x10	
g	T	2-ISA 130x130x12	
h	T	2-ISA 150x150x16	
j	T	2-ISA 200x200x20	

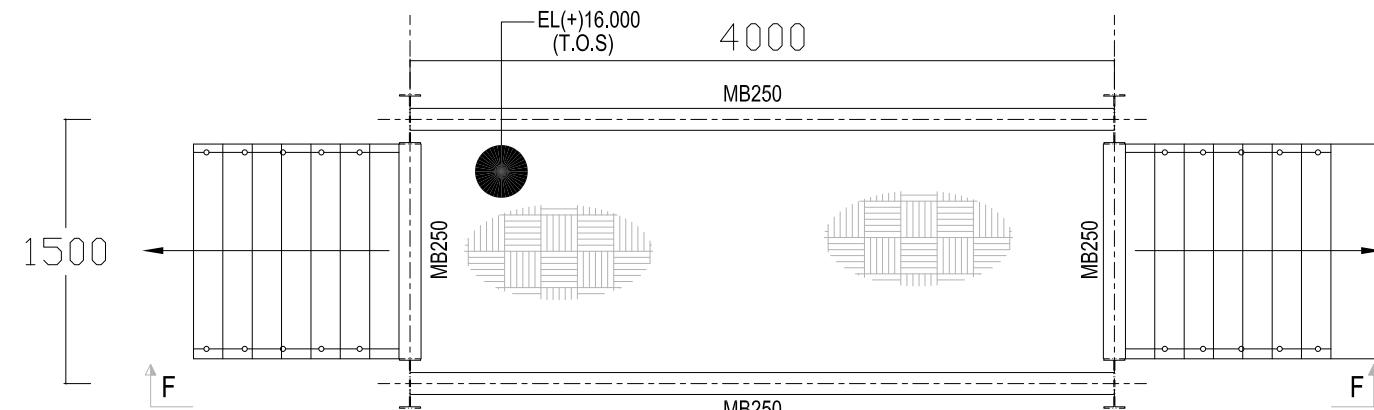
2	14.09.19	MD SAQLAIN	RAVI PONNA	REDDY	REVISED AS PER COMMENTS
1	24.05.19	PANCHU	RAVI PONNA	SCC	REVISED AS PER COMMENTS
REV	DATE	ALTERED	CHECKED	APPROVED	NOTE
PROJECT					
2x660MW MAITREE SUPER THERMAL POWER PROJECT, RAMPAL, BANGLADESH (EPC MAIN PLANT PACKAGE)					
OWNER CONSULTANT:			OWNER:		
FICHTNER M/s FICHTNER GmbH & Co KG, Stuttgart,GERMANY			 BANGLADESH-INDIA FRIENDSHIP POWER COMPANY (PVT.) LIMITED, BANGLADESH		
 BHARAT HEAVY ELECTRICALS LTD INDUSTRIAL SYSTEMS GROUP BANGALORE			SCALE: SHEET 6 OF 12		
DRAWN BY: 15.12.18 PANCHU			TITLE: LIMESTONE INTERMEDIATE SILO 1 & 2;		
DESIGN BY: 15.12.18 SARVANA/KRB			STRUCTURAL GA PLAN & ELEVATION DETAILS,DETAILS OF STAIRCASE,BASE		
CHECKED BY: 17.12.18 RAVI PONNA			PLATE,SIDE RUNNER & PURLIN		
APPROVED BY: 17.12.18 SCC					
SUPERSEDED BY:					
SYSTEM:					
ANNEX:					
DRAWING NO:					
Maitree-00-UEB-LC-177384-1SG-0					
REV 2					



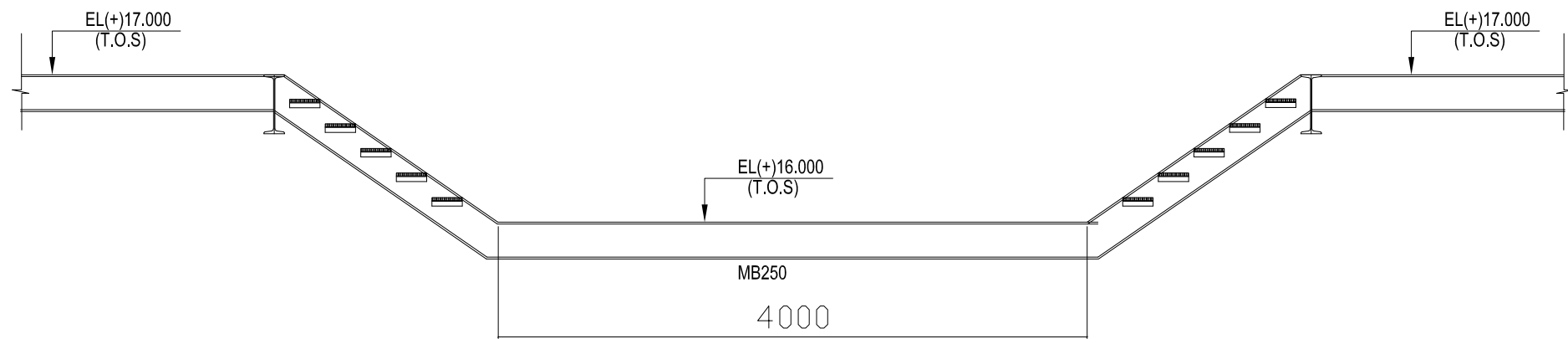
FLOOR PLAN AT EL(+17.000M) (ALL ANGLES/BRACINGS TO BE PLACED 125 MM BELOW T.O.S.)



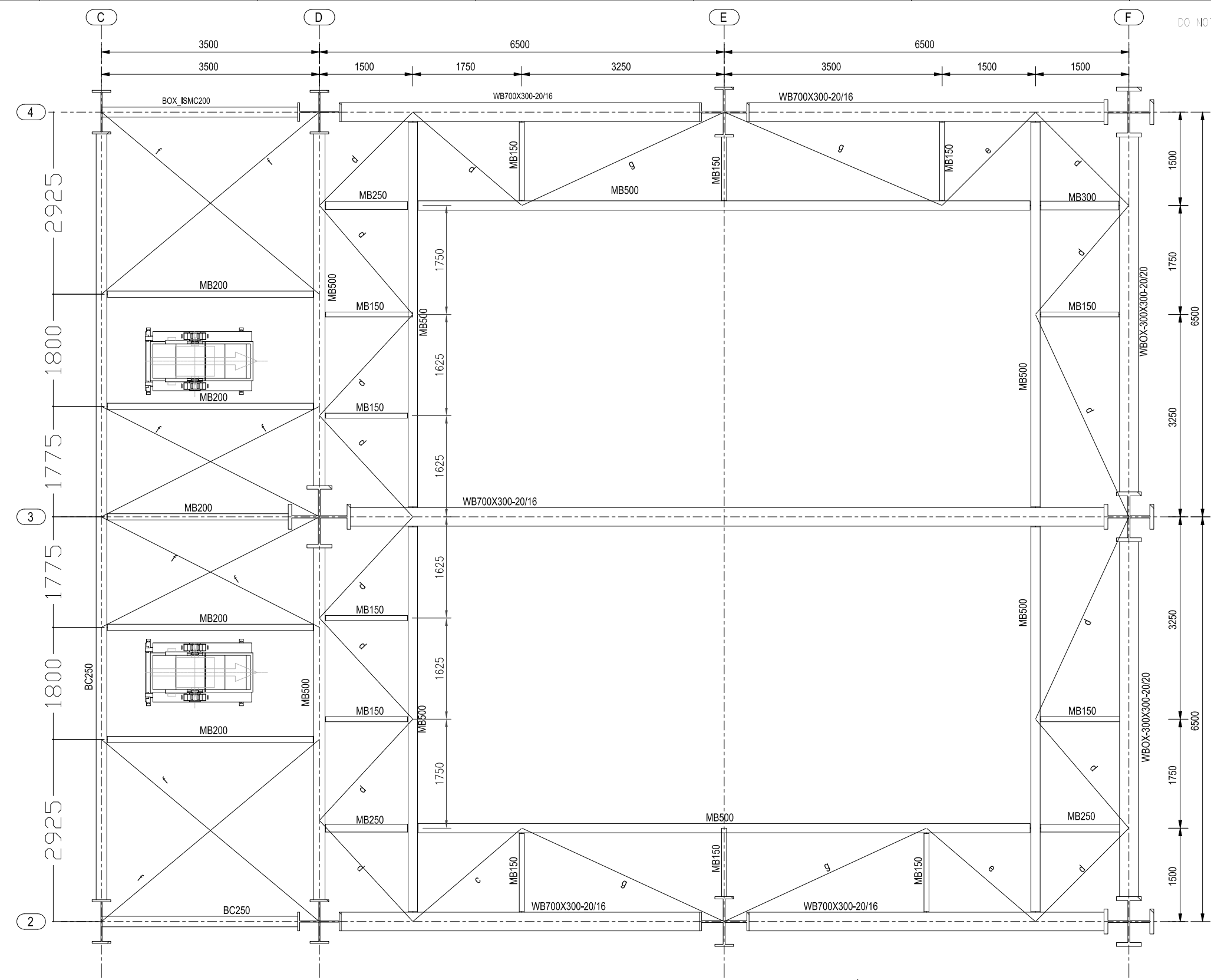
SECTION B-B



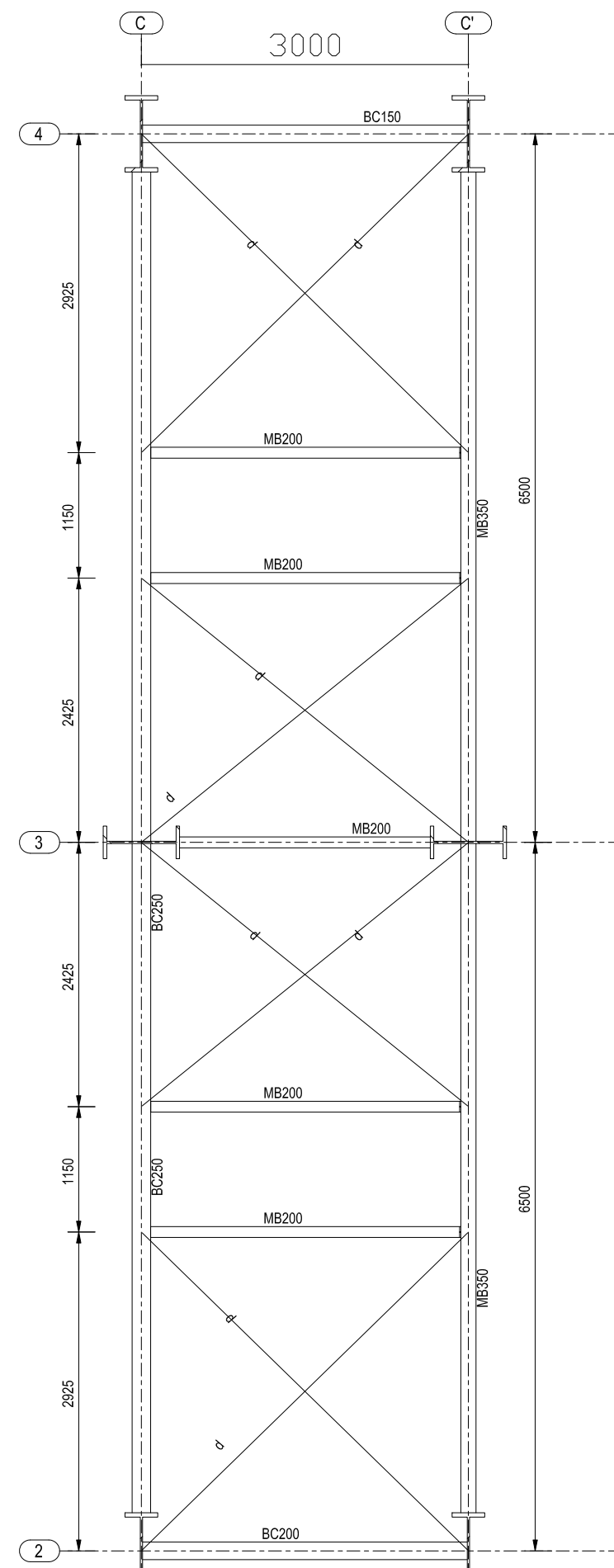
DETAIL - A
PLAN OF STAIRCASE @ 16.000M TO 17.000M



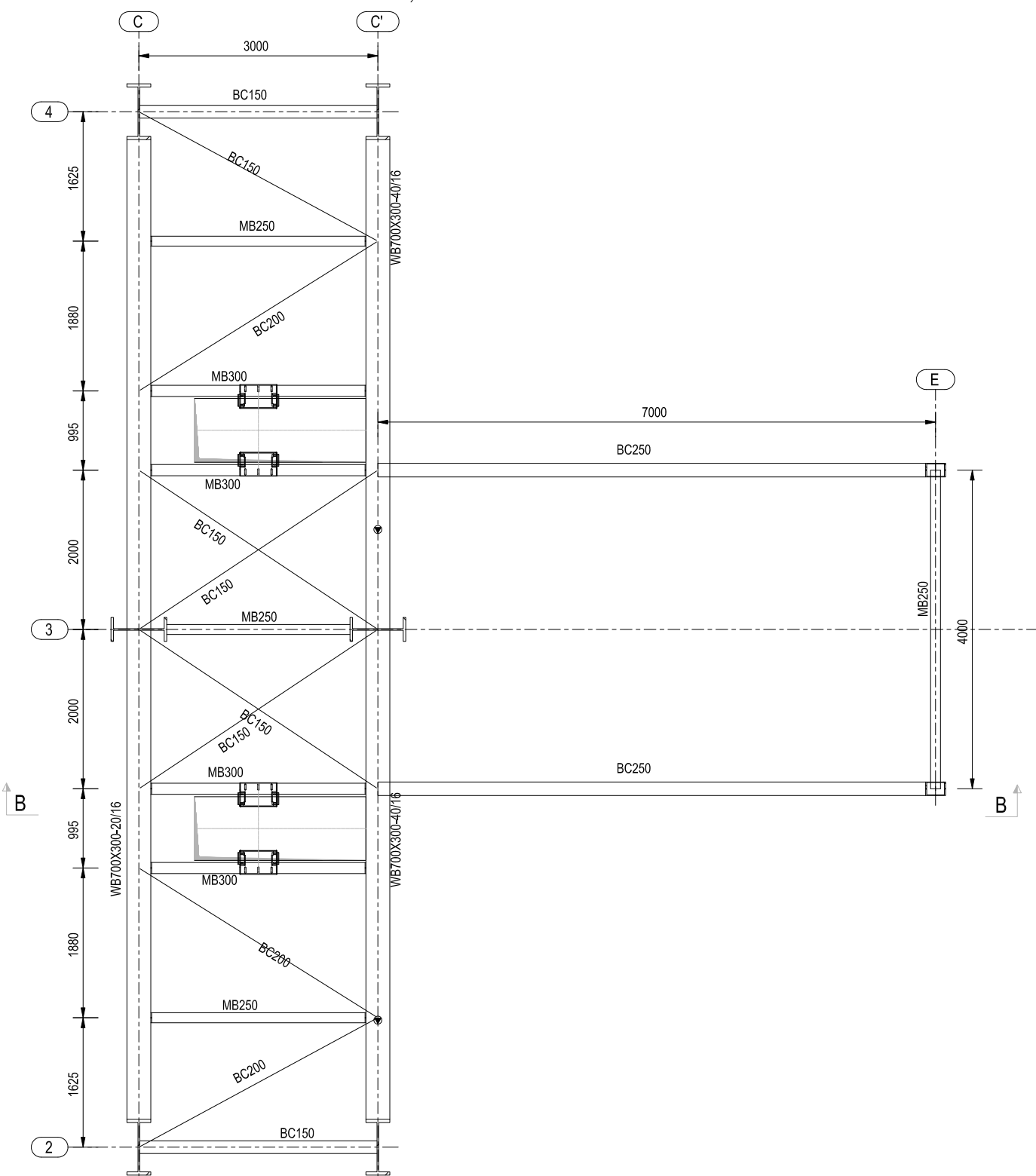
SECTION F-F



FLOOR PLAN AT EL(+21.490M) (ALL ANGLES/BRACINGS TO BE PLACED 125 MM BELOW T.O.S.)

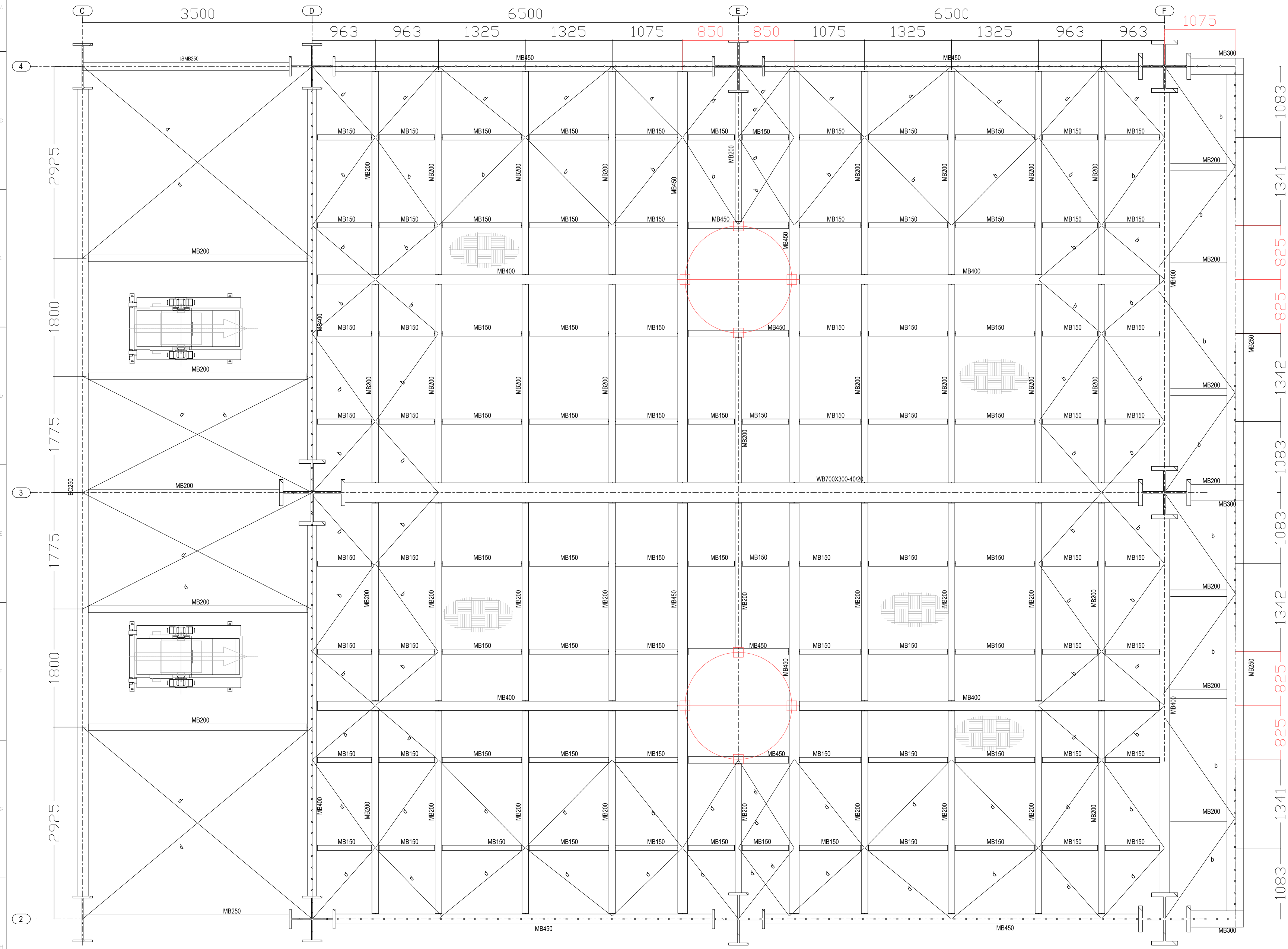


FLOOR PLAN AT EL(+29.500M) (ALL ANGLES/BRACINGS TO BE PLACED 125 MM BELOW T.O.S.)

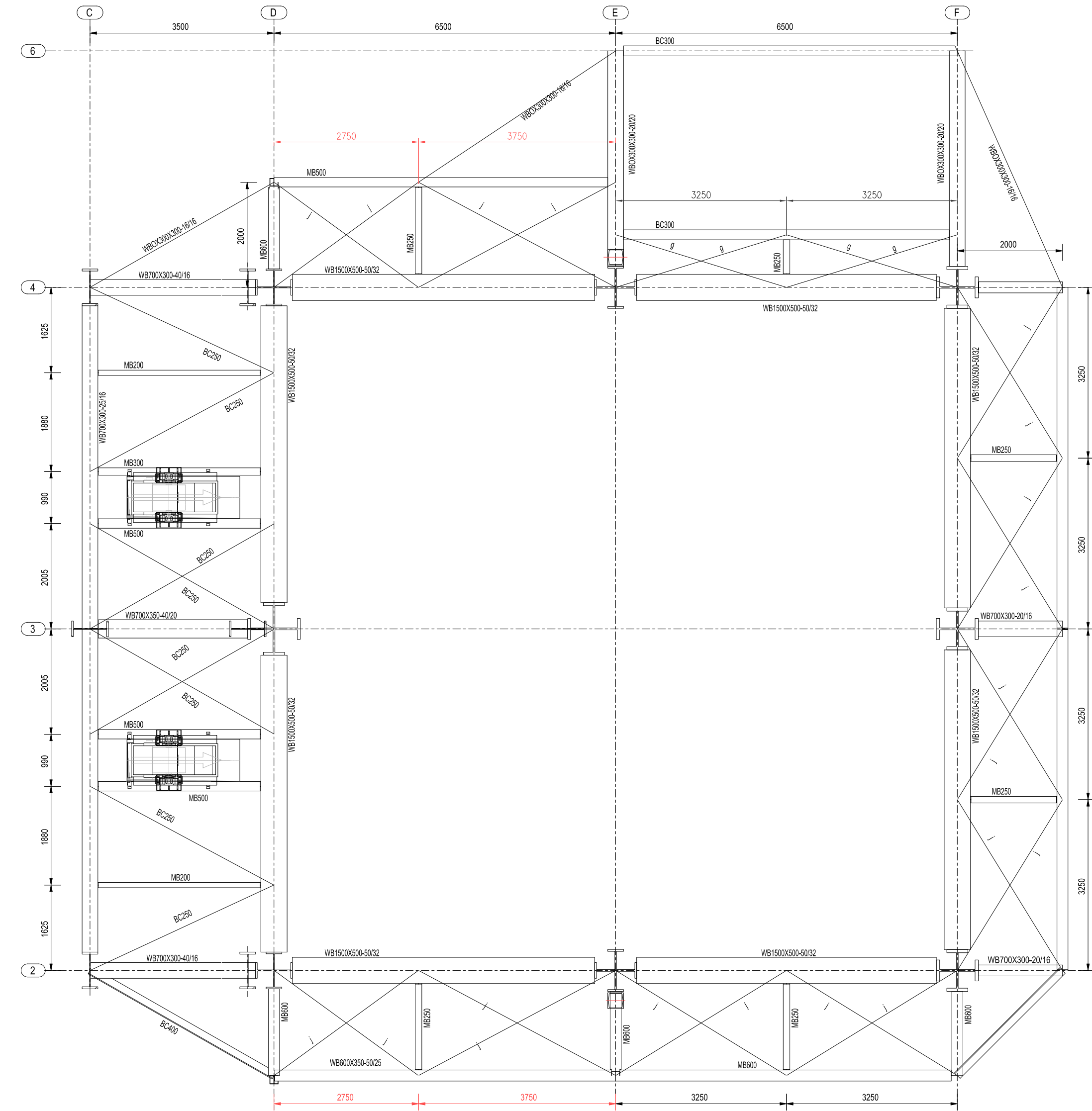


FLOOR PLAN AT EL(+33.380M) (ALL ANGLES/BRACINGS TO BE PLACED 125 MM BELOW T.O.S.)

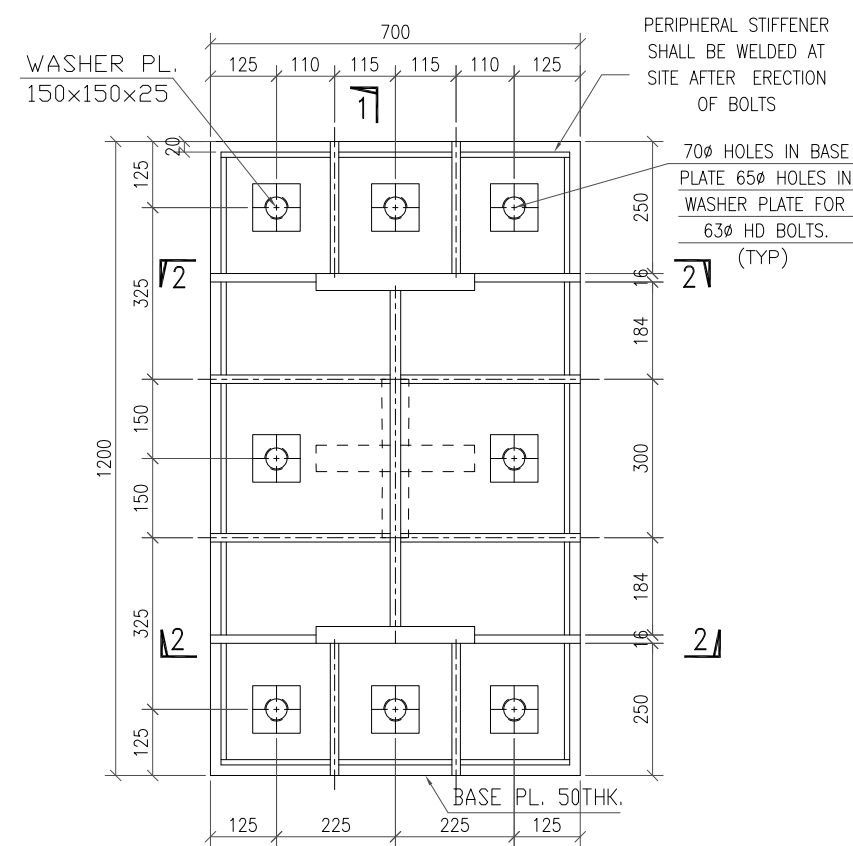
2	14.09.19	MD SAQLAIN	RAVI PONNA	REDDY	REVISED AS PER COMMENTS																					
1	24.05.19	PANCHU	RAVI PONNA	SCC	REVISED AS PER COMMENTS																					
REV.	DATE	ALTERED	CHECKED	APPROVED	NOTE																					
PROJECT																										
2x660MW MAITREE SUPER THERMAL POWER PROJECT, RAMPAL, BANGLADESH (EPC MAIN PLANT PACKAGE)																										
OWNER CONSULTANT:			OWNER:																							
FICHTNER M/s FICHTNER GmbH & Co KG, Stuttgart,GERMANY			 BANGLADESH-INDIA FRIENDSHIP POWER COMPANY (PVT.) LIMITED, BANGLADESH																							
<table><tr><td>DRAWN BY</td><td>DATE</td><td>NAME</td></tr><tr><td>DESIGN BY</td><td>15.12.18</td><td>PANCHU</td></tr><tr><td>CHECKED BY</td><td>15.12.18</td><td>SARVANA/KRB</td></tr><tr><td>APPROVED BY</td><td>17.12.18</td><td>RAVI PONNA</td></tr><tr><td>SUPERSEDED BY:</td><td>17.12.18</td><td>SCC</td></tr><tr><td>SUPERSEDED BY:</td><td></td><td></td></tr><tr><td>SYSTEM:</td><td></td><td></td></tr></table>			DRAWN BY	DATE	NAME	DESIGN BY	15.12.18	PANCHU	CHECKED BY	15.12.18	SARVANA/KRB	APPROVED BY	17.12.18	RAVI PONNA	SUPERSEDED BY:	17.12.18	SCC	SUPERSEDED BY:			SYSTEM:			 BHARAT HEAVY ELECTRICALS LTD INDUSTRIAL SYSTEMS GROUP BANGALORE		
DRAWN BY	DATE	NAME																								
DESIGN BY	15.12.18	PANCHU																								
CHECKED BY	15.12.18	SARVANA/KRB																								
APPROVED BY	17.12.18	RAVI PONNA																								
SUPERSEDED BY:	17.12.18	SCC																								
SUPERSEDED BY:																										
SYSTEM:																										
TITLE			SCALE:																							
LIMESTONE INTERMEDIATE SILO 1 & 2;			SHEET 7 OF 12																							
STRUCTURAL GA PLAN & ELEVATION DETAILS.DETAILED OF STAIRCASE,BASE PLATE,SIDE RUNNER & PURLIN																										
SIZE: A1		PROJECT NO: 421		FILE:																						
ANNEX: DRAWING NO:		Maitree-00-UEB-LC-177384-ISG-0																								
		REV 2																								



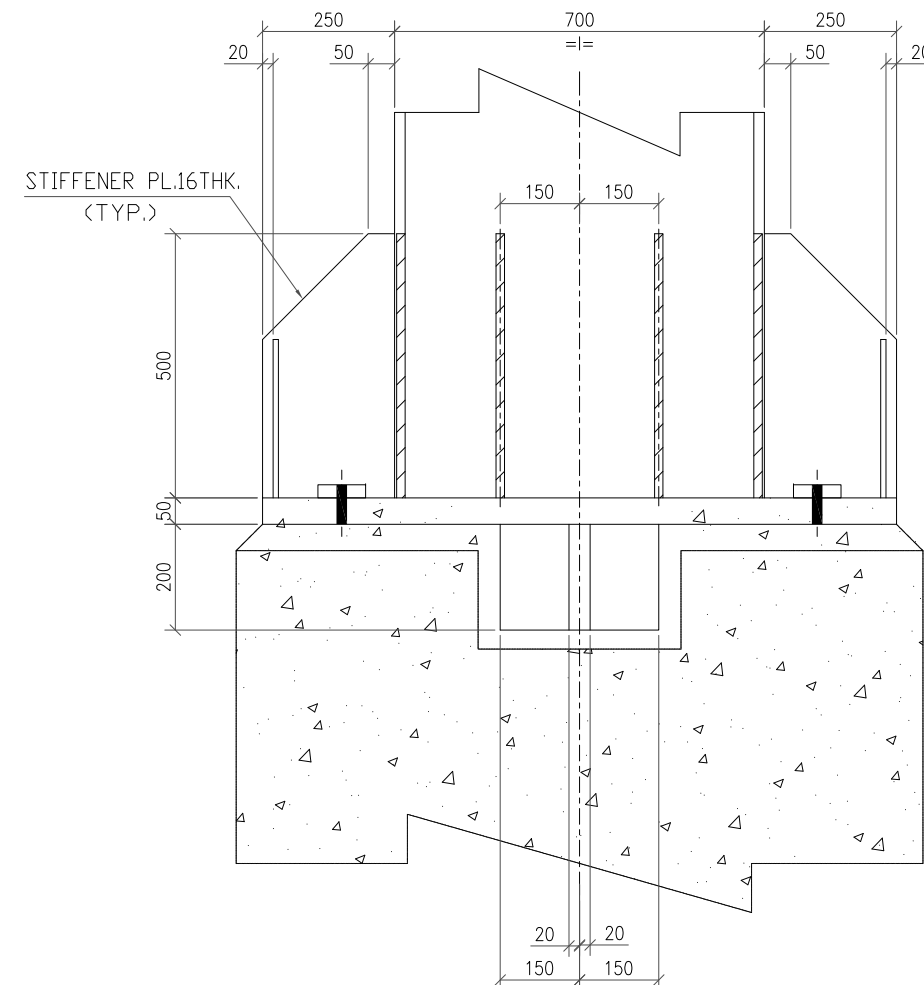
FLOOR PLAN AT EL(+)+14.00M
(ALL ANGLES/BRACINGS TO BE PLACED 125 MM BELOW T.O.S)



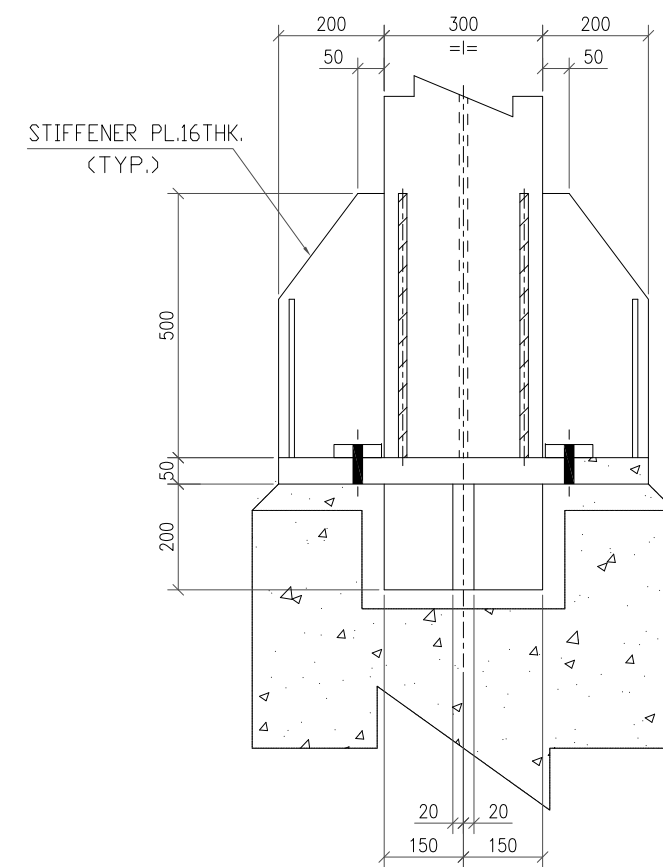
FLOOR PLAN AT EL(+)+26.380M



TYPICAL DETAIL OF BASE PLATE BP-1
FOR COLUMN MKD. A-4, A-2, B-4 & B-2

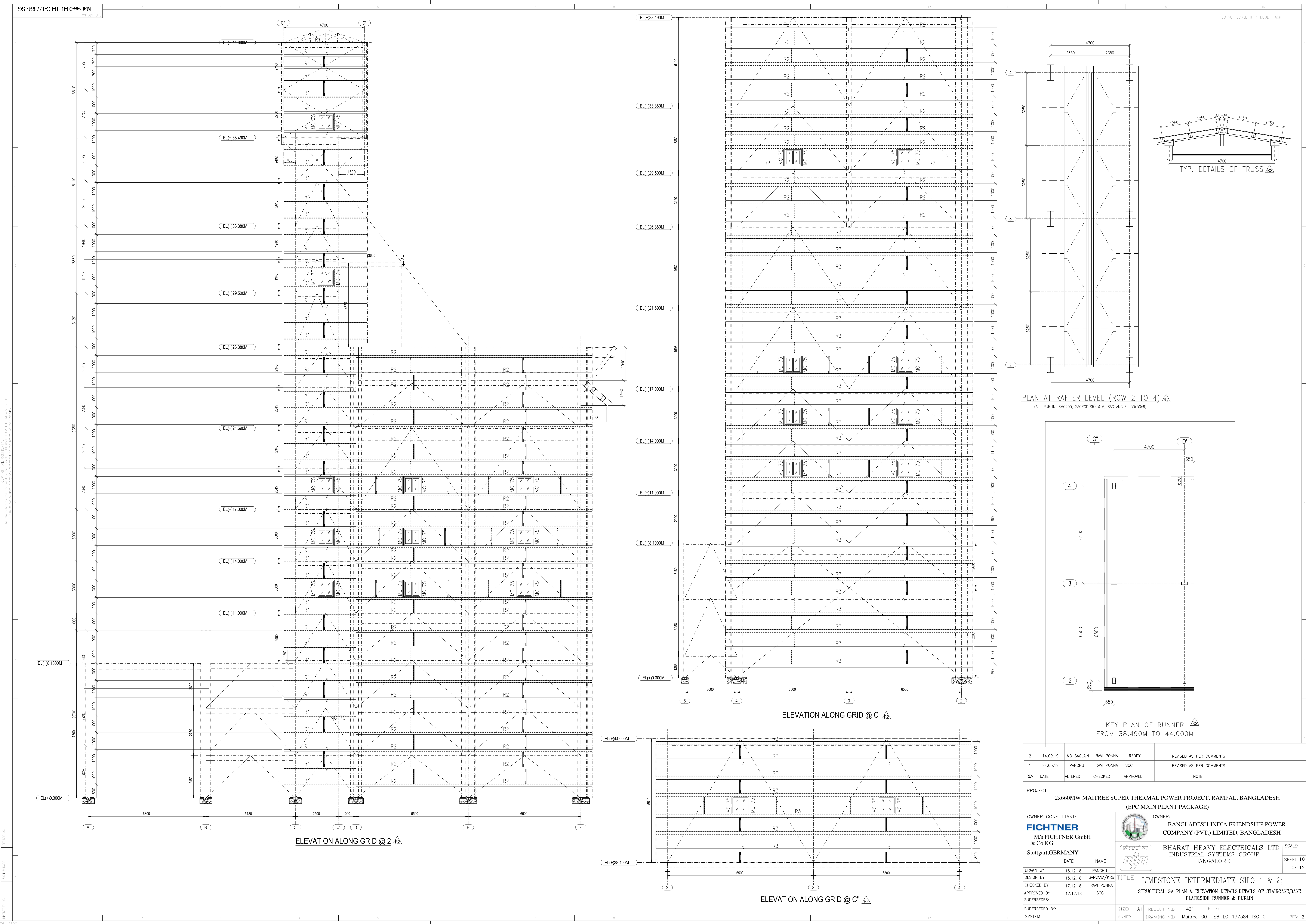


SECTION 1-1



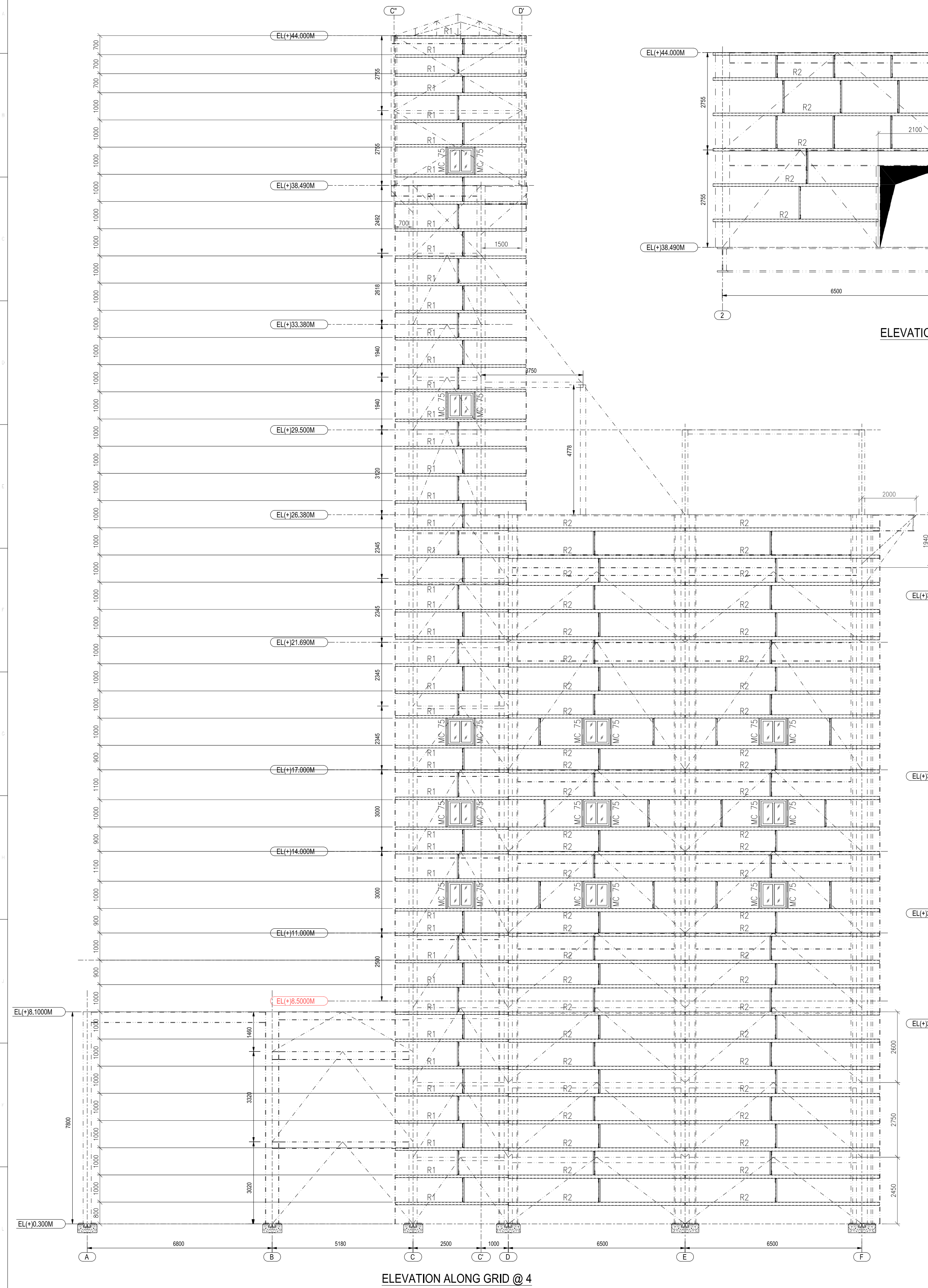
SECTION 2-2

2	14.09.19	MD SAQLAN	RAVI PONNA	REDDY	REVISED AS PER COMMENTS
1	24.05.19	PANCHU	RAVI PONNA	SCC	REVISED AS PER COMMENTS
REV	DATE	ALTERED	CHECKED	APPROVED	NOTE
PROJECT					
2x660MW MAITREE SUPER THERMAL POWER PROJECT, RAMPAL, BANGLADESH (EPC MAIN PLANT PACKAGE)					
OWNER CONSULTANT:			OWNER:		
FICHTNER M/s FICHTNER GmbH & Co KG, Stuttgart,GERMANY			 BANGLADESH-INDIA FRIENDSHIP POWER COMPANY (PVT.) LIMITED, BANGLADESH		
 BHARAT HEAVY ELECTRICALS LTD INDUSTRIAL SYSTEMS GROUP BANGALORE			SCALE: SHEET 8 OF 12		
DRAWN BY	DATE	NAME	TITLE		
DESIGN BY	15.12.18	PANCHU	LIMESTONE INTERMEDIATE SILO 1 & 2;		
CHECKED BY	15.12.18	SARVANA/KRB	STRUCTURAL GA PLAN & ELEVATION DETAILS,DETAILS OF STAIRCASE,BASE		
APPROVED BY	17.12.18	RAVI PONNA	PLATE,SIDE RUNNER & PURLIN		
SUPERSEDED BY:	17.12.18	SCC			
SUPERSEDED BY:	SIZE: A1	PROJECT NO: 421	FILE:		
SYSTEM:	ANNEX:	DRAWING NO: Maitree-00-UEB-LC-177384-ISG-0			
					REV 2

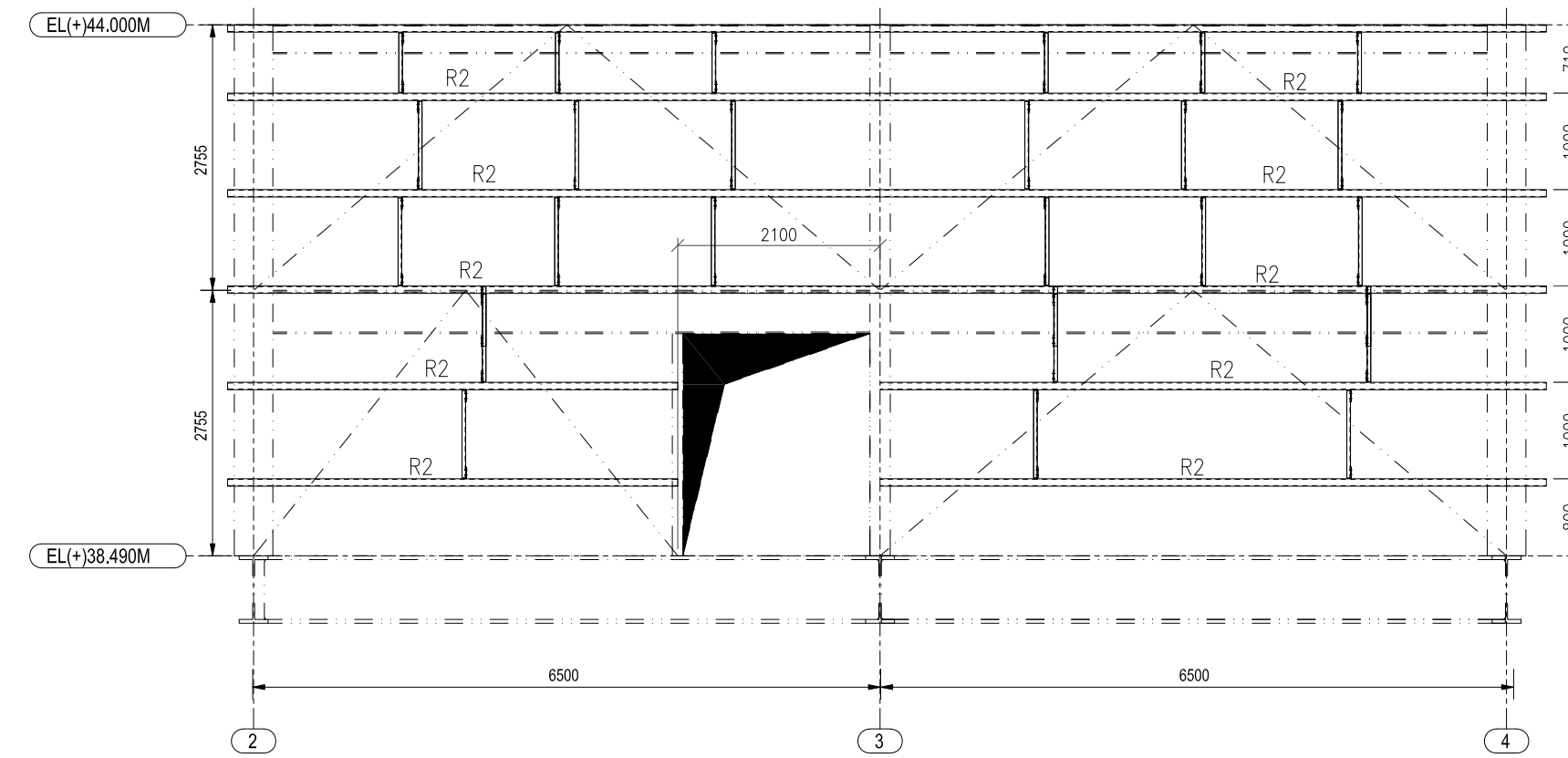


REV	DATE	ALTERED	CHECKED	APPROVED	NOTE
2	14.09.19	MD SAQLAIN	RAVI PONNA	REDDY	REVISED AS PER COMMENTS
1	24.05.19	PANCHU	RAVI PONNA	SCC	REVISED AS PER COMMENTS
REV	DATE	ALTERED	CHECKED	APPROVED	NOTE

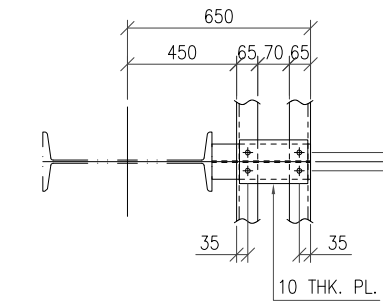
PROJECT					
2x660MW MAITREE SUPER THERMAL POWER PROJECT, RAMPAL, BANGLADESH (EPC MAIN PLANT PACKAGE)					
OWNER CONSULTANT:			OWNER:		
FICHTNER			BANGLADESH-INDIA FRIENDSHIP POWER COMPANY (PVT.) LIMITED, BANGLADESH		
M/s FICHTNER GmbH & Co KG, Stuttgart, GERMANY			BHARAT HEAVY ELECTRICALS LTD INDUSTRIAL SYSTEMS GROUP BANGALORE		
DRAWN BY	DATE	NAME	TITLE		
DESIGN BY	15.12.18	PANCHU	LIMESTONE INTERMEDIATE SILO 1 & 2;		
CHECKED BY	15.12.18	SARVANA/KRB	STRUCTURAL GA PLAN & ELEVATION DETAILS, DETAILS OF STAIRCASE, BASE PLATE, SIDE RUNNER & PURLIN		
APPROVED BY	17.12.18	RAVI PONNA			
SUPERSEDED BY	17.12.18	SCC			
SUPERSEDED BY:			SIZE: A1	PROJECT NO: 421	FILE:
SYSTEM:			ANNEX:	DRAWING NO: Maitree-00-UEB-LC-177384-ISG-0	REV 2



ELEVATION ALONG GRID @ D'

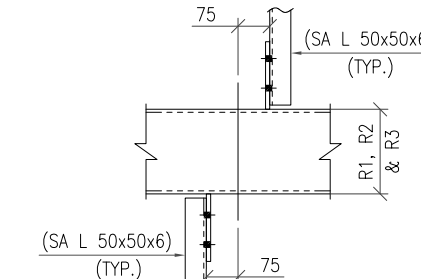


SECTION 1-1
(ONLY FOR ISMC 125)

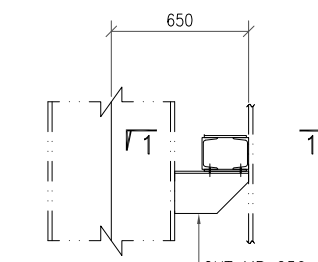


DETAIL 'A'

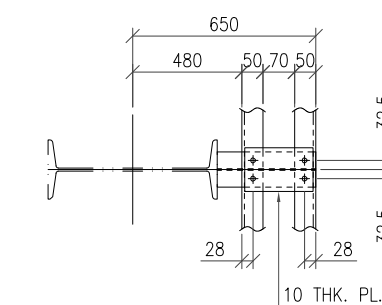
(TYP.)



TYPICAL DETAIL OF
RUNNER CONECTION



SECTION 1-1
(ONLY FOR ISMC 100)



SECTION 1-1
(ONLY FOR ISMC 200)

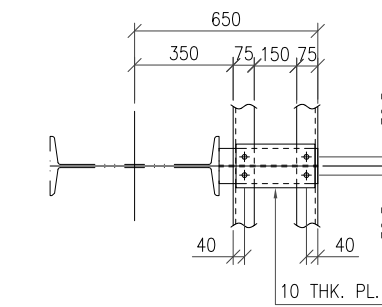
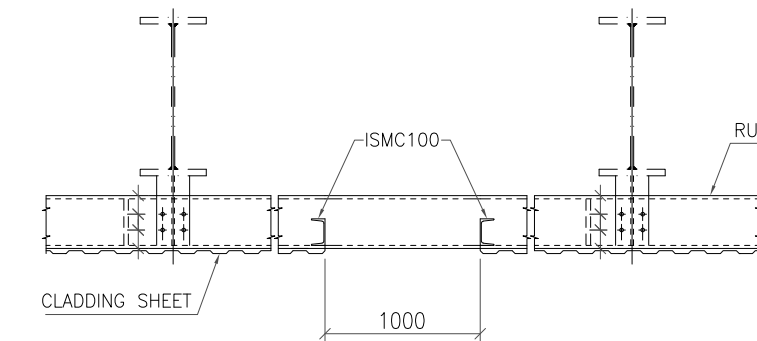
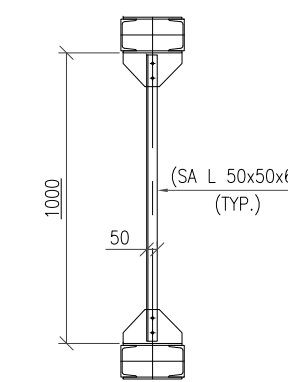


TABLE OF MEMBERS FOR RUNNER			
MKD.	PROFILE	SECTION	REMARKS
R1		BOX MC 100	500 @ C TO C BATT. PLATE
R2		BOX MC 250	
R3		BOX MC 300	
SA		L 50x50x6	

TYPICAL SECTION AT WINDOWS
(TYP.)

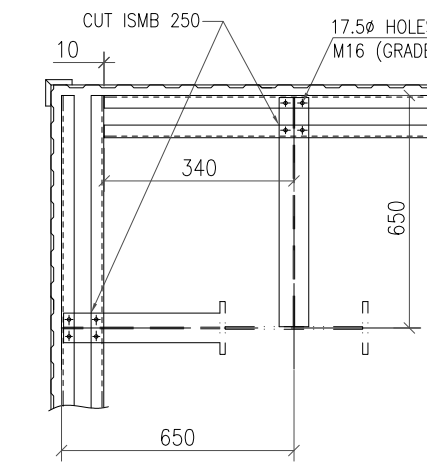


RUNNER CORNER DETAIL
(TYP.)

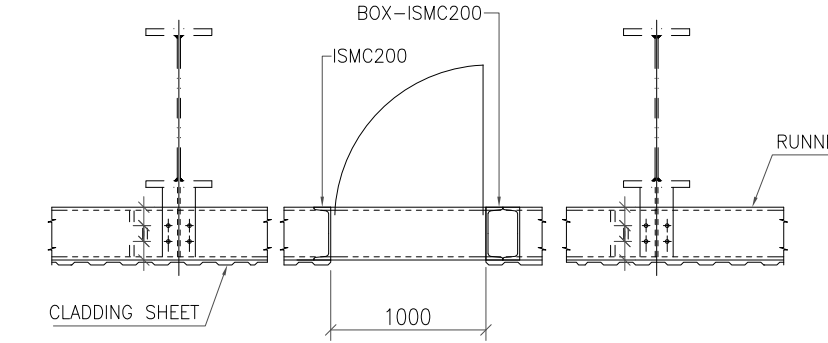


SECTION 2-2
(TYP.)

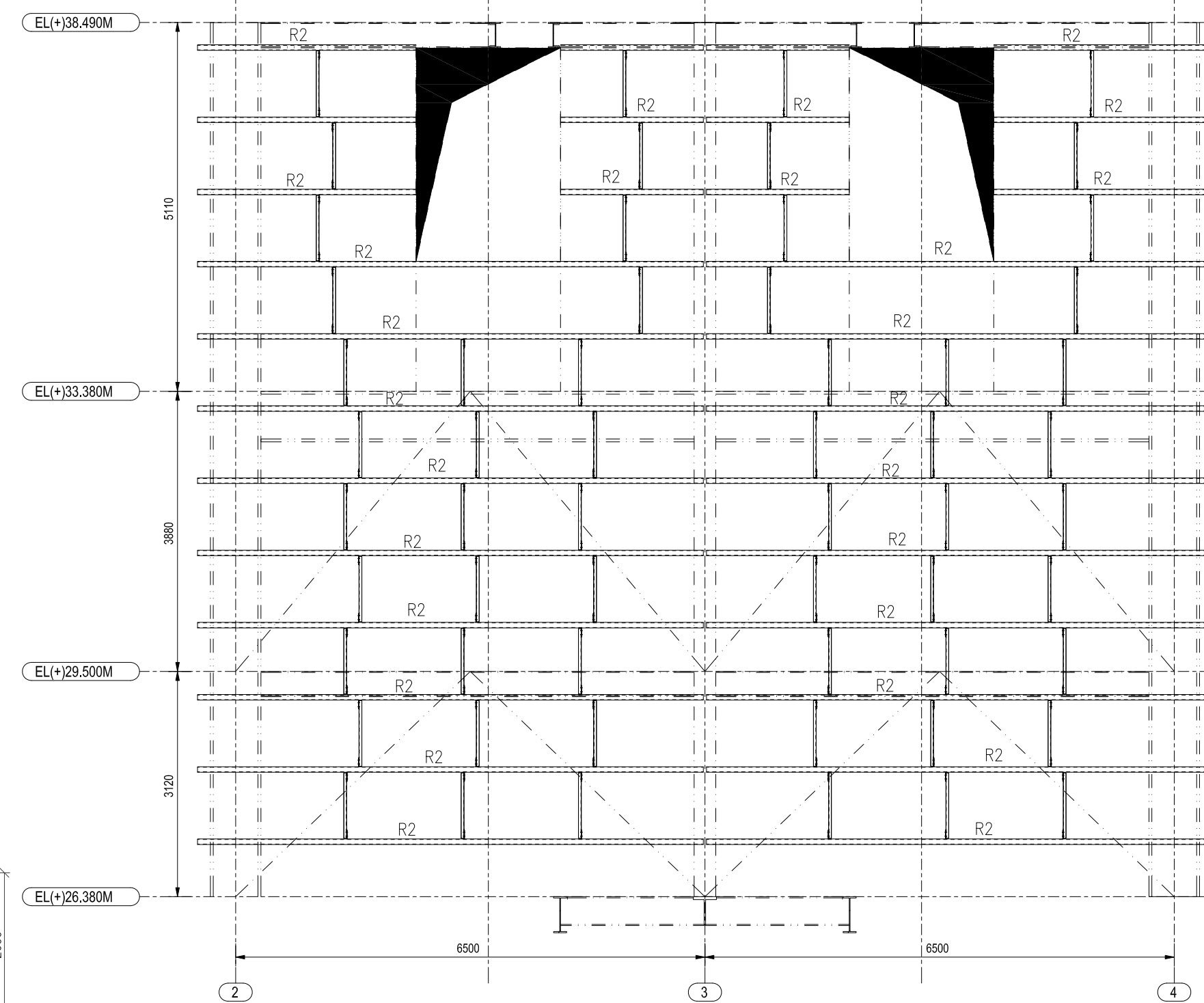
RUNNER CORNER DETAIL
 (TYP.)



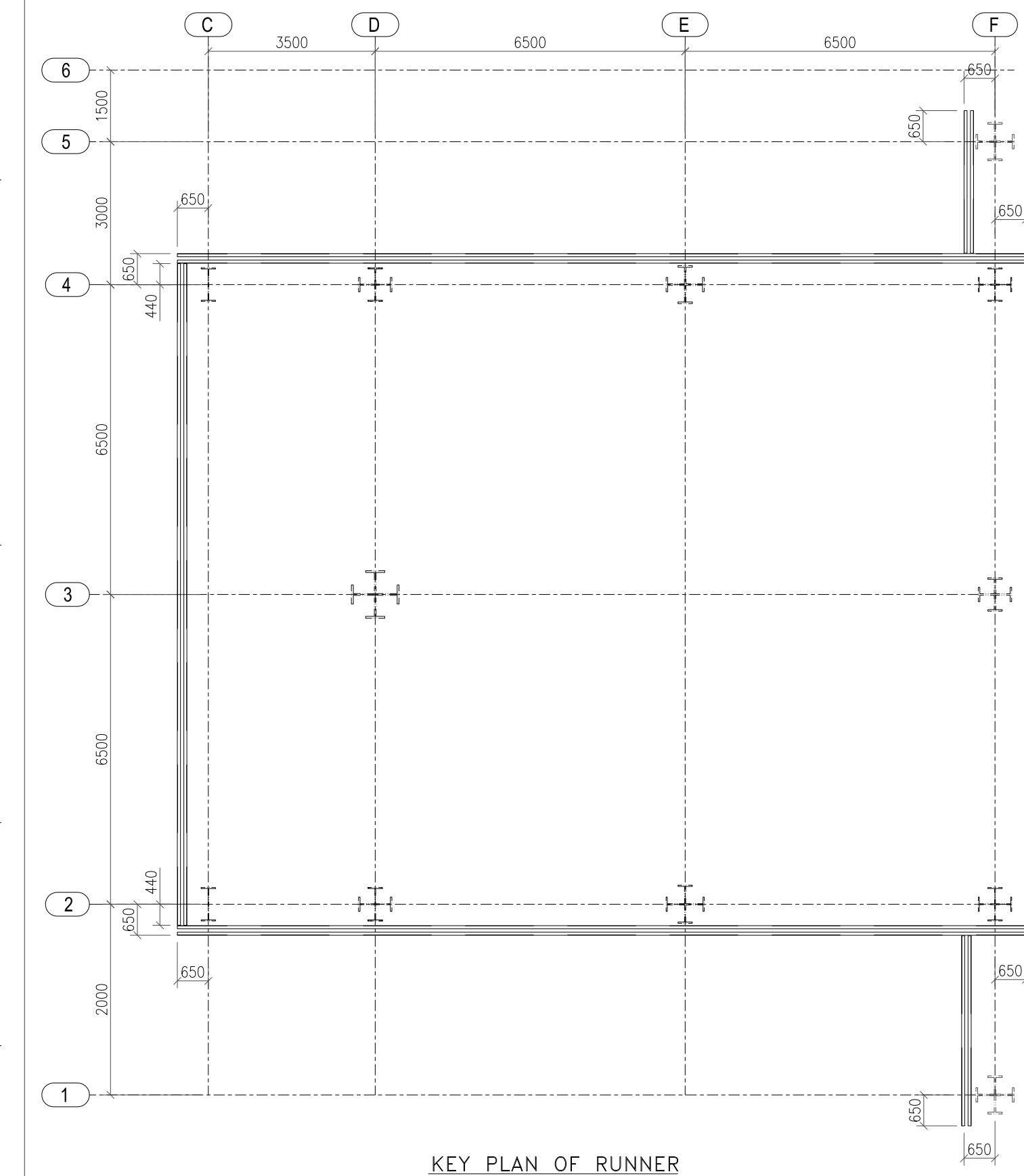
TYPICAL SECTION AT DOOR



ELEVATION ALONG GRID @ C



KEY PLAN OF RUNNER



2	14.09.19	MD SAQAIN	RAVI PONNA	REDDY	REVISED AS PER COMMENTS
1	24.05.19	PANCHU	RAVI PONNA	SCC	REVISED AS PER COMMENTS
REV	DATE	ALTERED	CHECKED	APPROVED	NOTE

PROJECT					
2x660MW MAITREE SUPER THERMAL POWER PROJECT, RAMPAL, BANGLADESH (EPC MAIN PLANT PACKAGE)					
OWNER CONSULTANT:			OWNER:		
FICTHNER M/s FICTHNER GmbH & Co KG, Stuttgart,GERMANY			 BANGLADESH-INDIA FRIENDSHIP POWER COMPANY (PVT.) LIMITED, BANGLADESH		
			 BHARAT HEAVY ELECTRICALS LTD INDUSTRIAL SYSTEMS GROUP BANGALORE		
			SCALE:		
			SHEET 11 OF 12		

DRAWN BY		DATE	NAME
15.12.18		PANCHU	
DESIGN BY		DATE	NAME
15.12.18		SARVANA/KRB	
CHECKED BY		DATE	NAME
17.12.18		RAVI PONNA	
APPROVED BY		DATE	NAME
17.12.18		SCC	
SUPERSEDES:			
SYSTEEMED BY:			
SIZE:		A1	PROJECT NO. 421
ANNE:		DRAWING NO.	Maitree-00-UEB-LC-177384-ISO-0
FILE:			
REV:		2	

TITLE		LIMESTONE INTERMEDIATE SILO 1 & 2;	
STRUCTURAL GA PLAN & ELEVATION DETAILS.DETAILED OF STAIRCASE,BASE PLATE.SIDE RUNNER & PURLIN			

