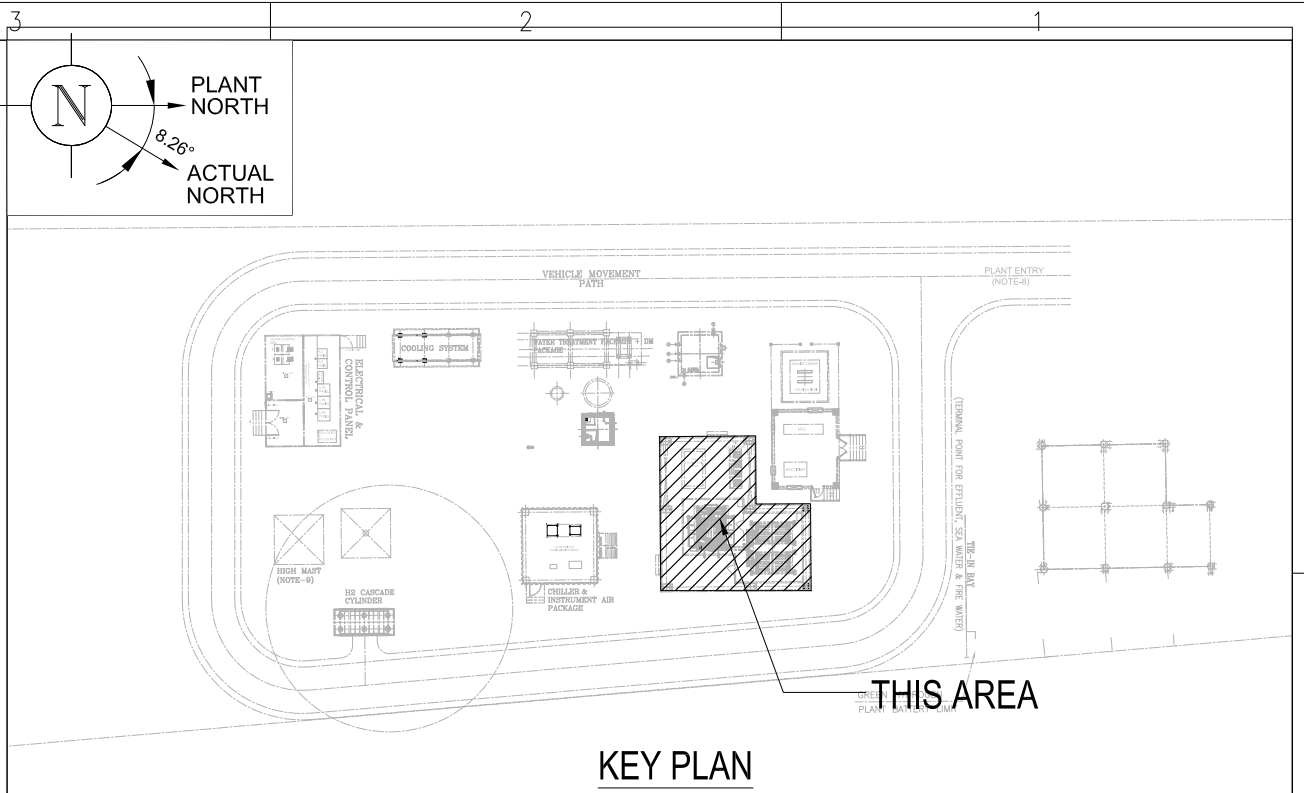
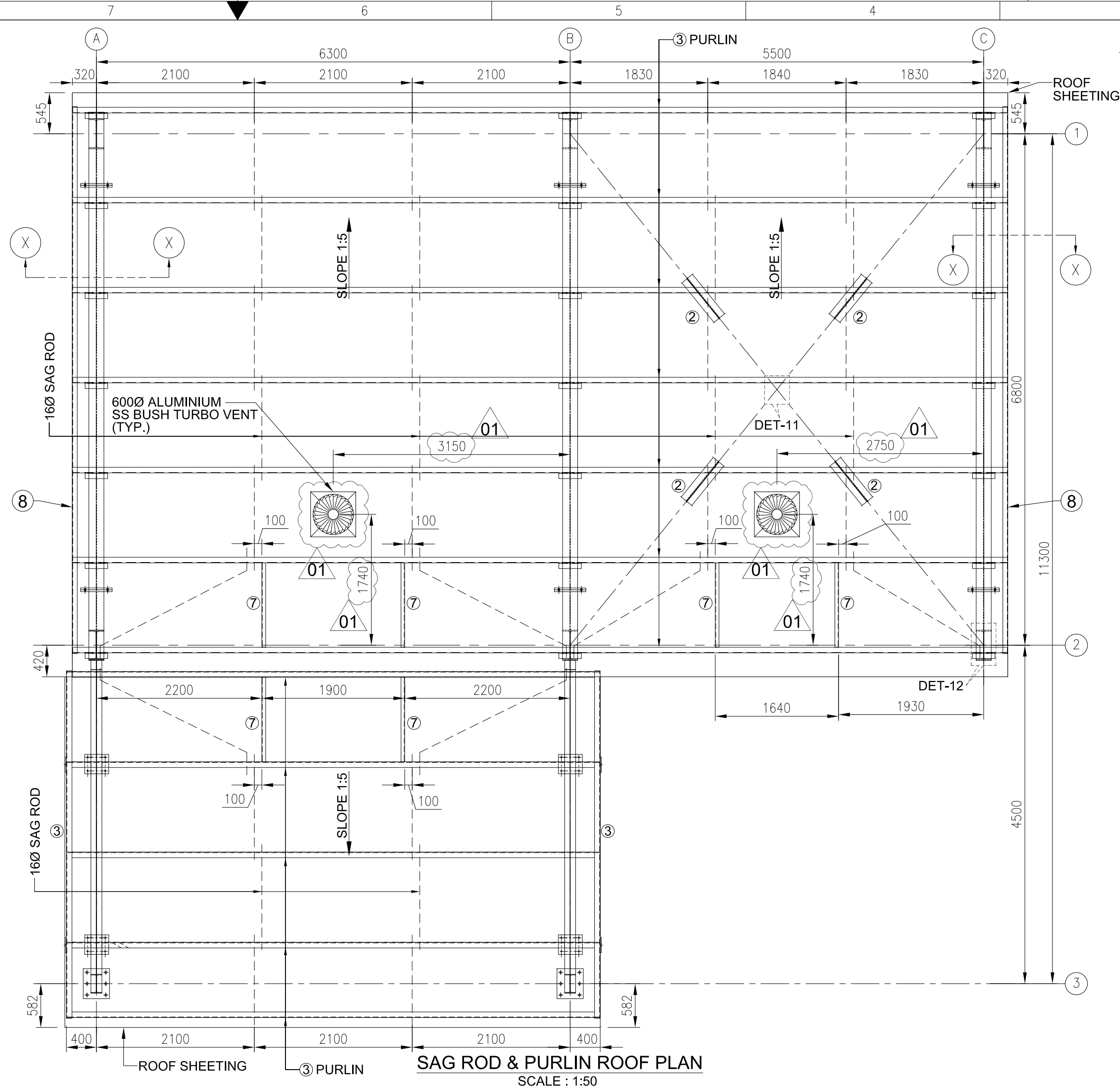
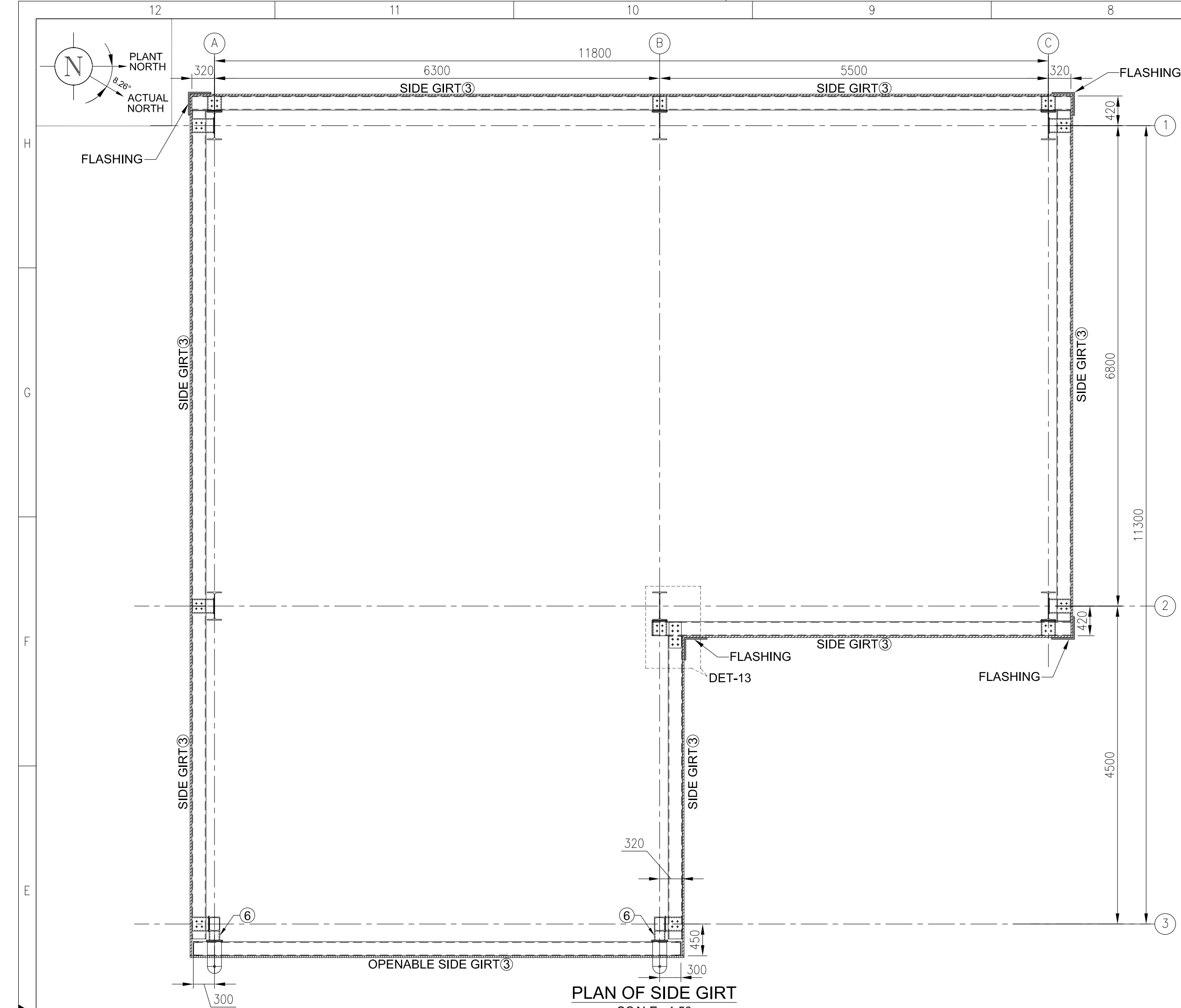




- LEGENDS:**
T.O.S - TOP OF STEEL
CD - CHART DATUM LEVEL
- NOTES:**
- ALL DIMENSIONS ARE IN MM & LEVEL IN METER.
 - STRUCTURAL STEEL (GRADE - E250) SHALL CONFORM TO GRADE -A/B/R, SEMIKILLED / KILLED OFIS-2062. PLATES BEYOND 12 MM & UPTO 40 MM SHALL BE NORMALISED ROLLED. PLATES BEYOND 40 MM SHALL BE VACUUM DEGASSED & FURNACE NORMALISED.
 - WELDING SHALL BE DONE ONLY BY APPROVED ELECTRODES CONFORMING TO IS: 814.
 - ALL NUTS AND WASHER FOR HIGH STRENGTH BOLTS SHALL CONFORM TO IS: 6623 RESPECTIVELY.
 - ALL CONNECTIONS BOLTS SHALL BE OF GALVANISED GRADE 8.8 CONFORMING TO IS: 1367.
 - ALL WELD SHALL BE 6MM THICK UNLESS NOTED OTHERWISE. ALL WELDING SEAMS SHALL BE QUALIFIED TO ISO 5817 CLASS D.
 - FOR ELEVATION REFER DWG NO: LTEG0006-C-F-0003 (SHEET 02 OF 03)
 - FOR CONNECTION DETAILS REFER DWG NO: LTEG0006-C-F-0003 (SHEET 03 OF 03)
 - SPECIFICATION FOR SHEETING SHALL BE AS FOLLOWS- CORRUGATED GALVALUM SHEETS OF APPROVED COLOUR, "METACOLOR" OR EQUIVALENT FIXING HEADS, NEOPRENE WASHERS, INCLUDING LAPS AND SEALS IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
 - FOR ROOFING SYSTEM BASE METAL THICKNESS SHALL BE 0.5 MM
 - FOR SIDE CLADDING SYSTEM BASE METAL THICKNESS SHALL BE 0.5 MM
 - FLASHING - BASE METAL THICKNESS 0.5MM (WITHOUT CORRUGATION)
 - THE PAINTING FOR STRUCTURAL STEEL WORKS SHALL BE AS PER FOLLOWS -
A) SURFACE PREPARATION - BLAST CLEANING OF STEEL SURFACES UP TO SA 2 1/2 STANDARD.
B) PRIMER- INORGANIC ZINC SILICATE (65 DFT)
C) INTERMEDIATE COAT: 2ND COAT OF HB EPOXY MIO2(100 DFT)
D) FINISH COAT-TWO PACK ACRYLIC POLYURETHENE PAINT (50 DFT)
E) TOTAL DFT AS 215 MICRONS (MINIMUM).
- SPECIAL NOTES -**
- FRAMES MARKED RF1 AND RF2 SHALL BE REMOVED FROM THE STRUCTURE BEFORE REMOVING THE ELECTROLYSER STACKS (FOR MAINTENANCE PURPOSE) / RESTORING THE STACK TO ITS ORIGINAL POSITION.
 - SEQUENCE OF REMOVAL -
a). RF1 SHALL BE REMOVED FIRST. THE HOOKS OF THE CRANE SHALL BE PROPERLY FASTENED TO THE FRAME AT THE LIFTING LOCATIONS
AS SHOWN IN THE DRAWING. THEREAFTER THE CONNECTION BOLTS OF THE FRAME SHALL BE UNTIGHTENED AND REMOVED FROM THE MAIN FRAME.
b). THE WHOLE FRAME (INCLUDING THE SHEETING) SHALL BE REMOVED CAREFULLY WITHOUT ANY DAMAGE / DISTORTION TO THE FRAME OR THE STRUCTURE.
c) THEREAFTER RF2 SHALL BE REMOVED. THE PROCEDURE OF REMOVAL SHALL BE SAME AS MENTIONED IN SUB SL NO. A, B & C OF SL NO. 2.
 - THE ENTIRE OPERATION AS MENTIONED IN SL NO. 2 SHALL NOT BE PERFORMED DURING STRONG WINDS.
 - THE STACK CAN BE TAKEN OUT OR RESTORED TO ITS ORIGINAL POSITION AFTER THAT.
 - IMMEDIATELY AFTER THE STACK IS TAKEN OUT OR PUT BACK IN PLACE, BOTH THE FRAMES RF1 & RF2 SHALL BE CONNECTED TO THE STRUCTURE IN THE SAME ORDER.

REFERENCE DRAWINGS:		DRAWING NO.	DRAWING TITLE
		LTEG0006-C-D-0002	GENERAL NOTES

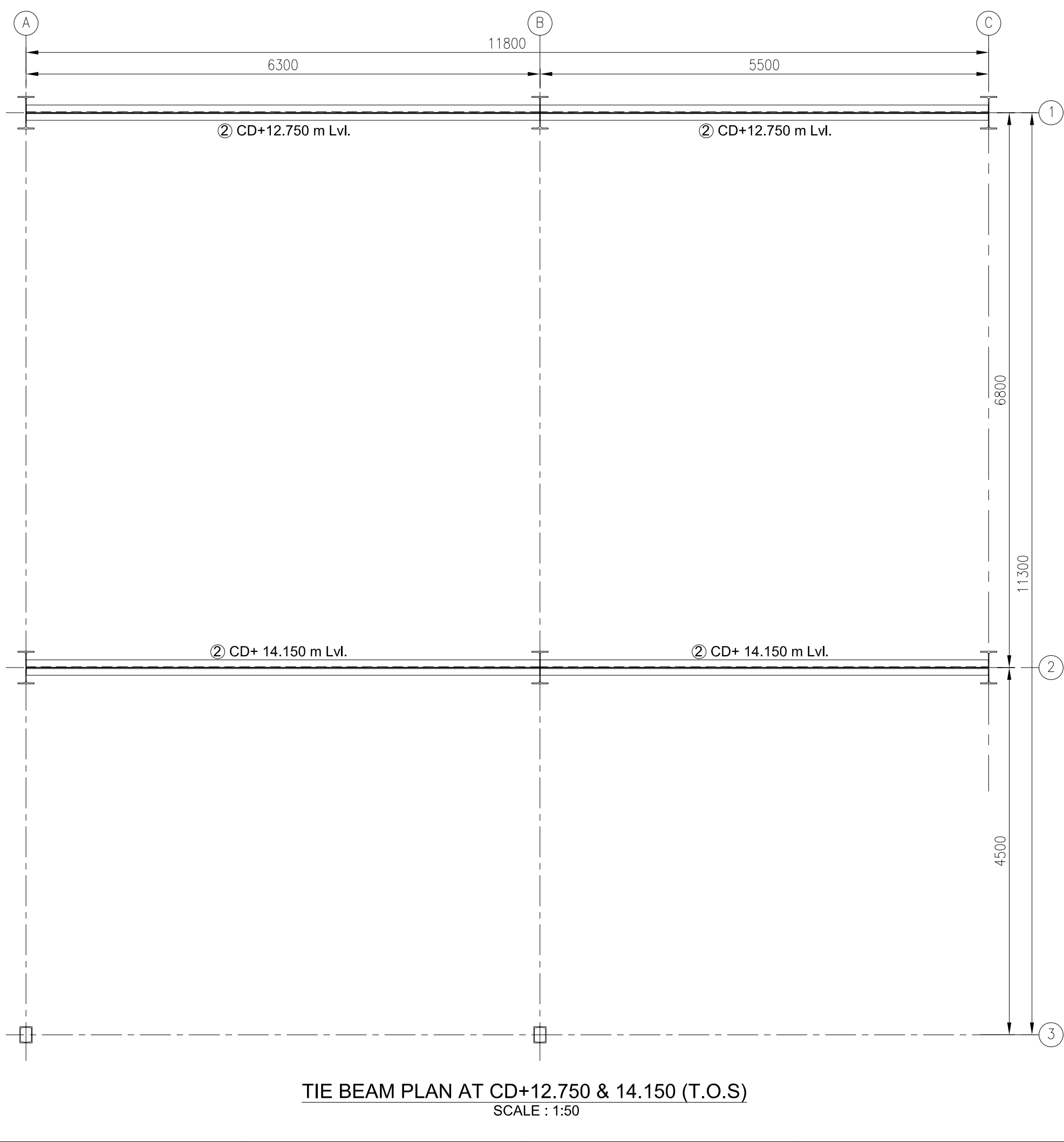
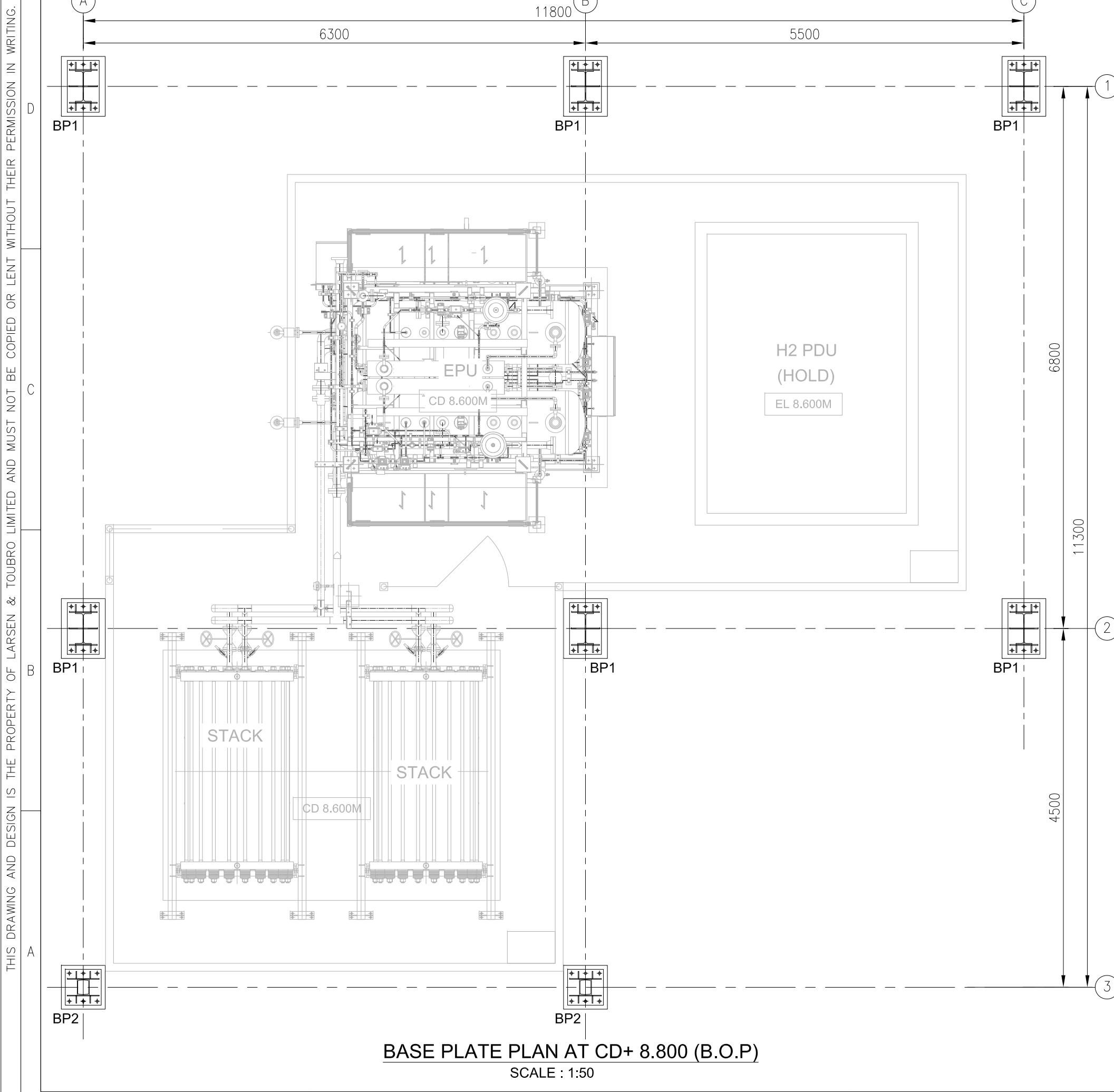
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00	31-01-2025	ISSUED FOR INFORMATION	AKP	MA	IB
REV.	DATE	DESCRIPTION	PPD	CHD	APPD

STAMP:

PROJECT:		1MW GH2 PLANT - DPA, KANDLA			
OWNER:		 DEENDAYAL PORT AUTHORITY, KANDLA			
EPC CONTRACTOR:					
CONTRACT REF. NO:					
CUSTOMER DOC. NO.:					
	DATE	NAME	TITLE:		
PREPARED	31-01-2025	AKP	ELECTROLYSER BUILDING—STRUCTURAL		
CHECKED	31-01-2025	MA	STEEL GA DRAWING FOR		
APPROVED	31-01-2025	IB	SUPERSTRUCTURE		
SCALE	1:50				
L&T DRG. NO.:			LTEG0006—C—F—0003		
SHEET			01	OF	03
			REV. 01		

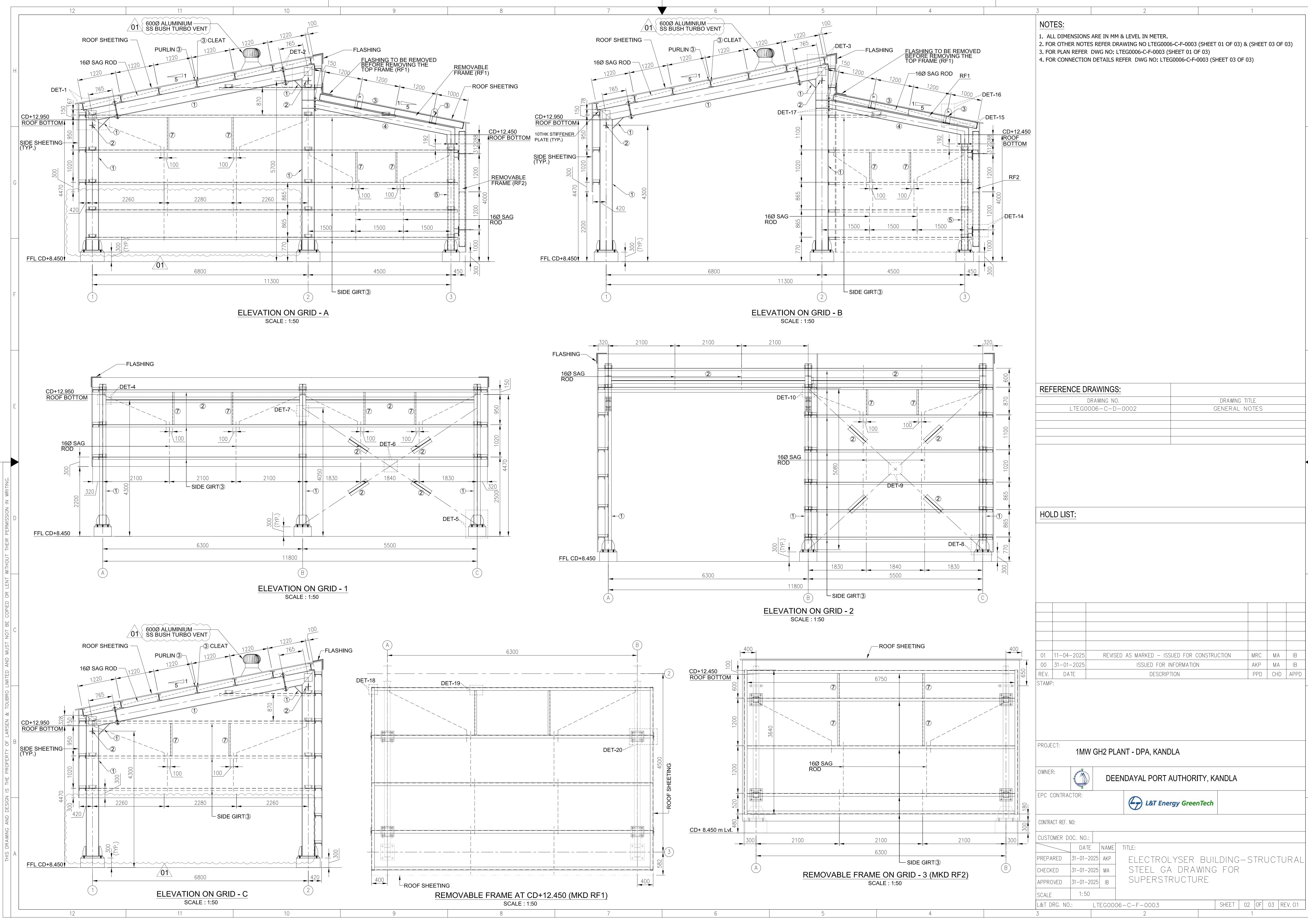
MEMBER SCHEDULE	
MEMBER MKD.	SECTION
①	NPB 400x180x66.3 01
②	+ 2L90x90x8
③	ISMC 200
④	NPB 250x125x30.11 01
⑤	2 ISMC200 (BOX)
⑥	2 ISMC150 (BOX)
⑦	L50x50x6
⑧	L65x65x6

STRUCTURAL STEEL APPROXIMATE TONNAGE CALCULATED FROM GA DRAWING	
ITEMS	WEIGHT (MT)
NPB 400x180x66.3	3.7
NPB 250x125x30.11	0.3
L90x90x8	2.77
L50x50x6	0.15
ISMC 200	9.94
ISMC 150	0.02
8 THK. PLATE	0.52
10 THK. PLATE	0.94
16 THK. PLATE	0.41
20 THK. PLATE	0.41
16 DIA ROD	0.192
SHEETING (CALCULATED ON LAID AREA)	AREA
SHEETING	385 m ²
FLASHING	63 Rm.

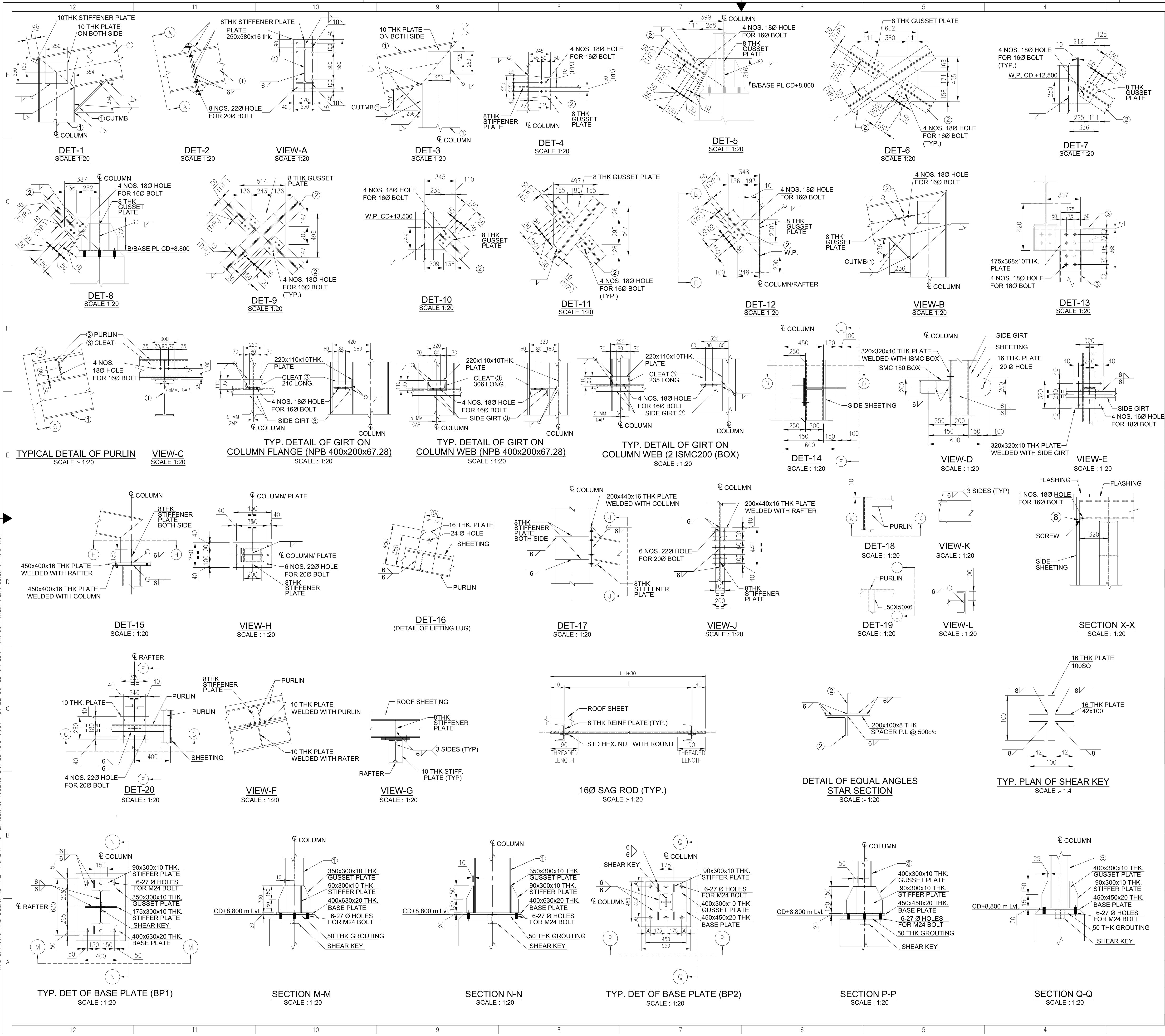


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A1 (594mm x 841mm)



THIS DRAWING AND DESIGN IS THE PROPERTY OF LARSEN & TOUBRO LIMITED AND MUST NOT BE COPIED OR LENT WITHOUT THEIR PERMISSION IN WRITING.



NOTES:

- ALL DIMENSIONS ARE IN MM & LEVEL IN METER.
- FOR OTHER NOTES REFER DRAWING NO LTEG0006-C-F-0003 (SHEET 01 OF 03) & (SHEET 02 OF 03)
- FOR PLAN REFER DWG NO: LTEG0006-C-F-0003 (SHEET 01 OF 03)
- FOR ELEVATION REFER DWG NO: LTEG0006-C-F-0003 (SHEET 02 OF 03)
- HOLDING DOWN BOLTS SHALL BE GRADE 4.6.

REFERENCE DRAWINGS:

DRAWING NO.	DRAWING TITLE
LTEG0006-C-D-0002	GENERAL NOTES

HOLD LIST:

REV.	DATE	DESCRIPTION	PPD	CHD	APPD
01	11-04-2025	REVISED AS MARKED - ISSUED FOR CONSTRUCTION	MRC	MA	IB
00	31-01-2025	ISSUED FOR INFORMATION	AKP	MA	IB

STAMP:

PROJECT: 1MW GH2 PLANT - DPA, KANDLA

OWNER: DEENDAYAL PORT AUTHORITY, KANDLA

EPC CONTRACTOR: L&T Energy GreenTech

CONTRACT REF. NO:

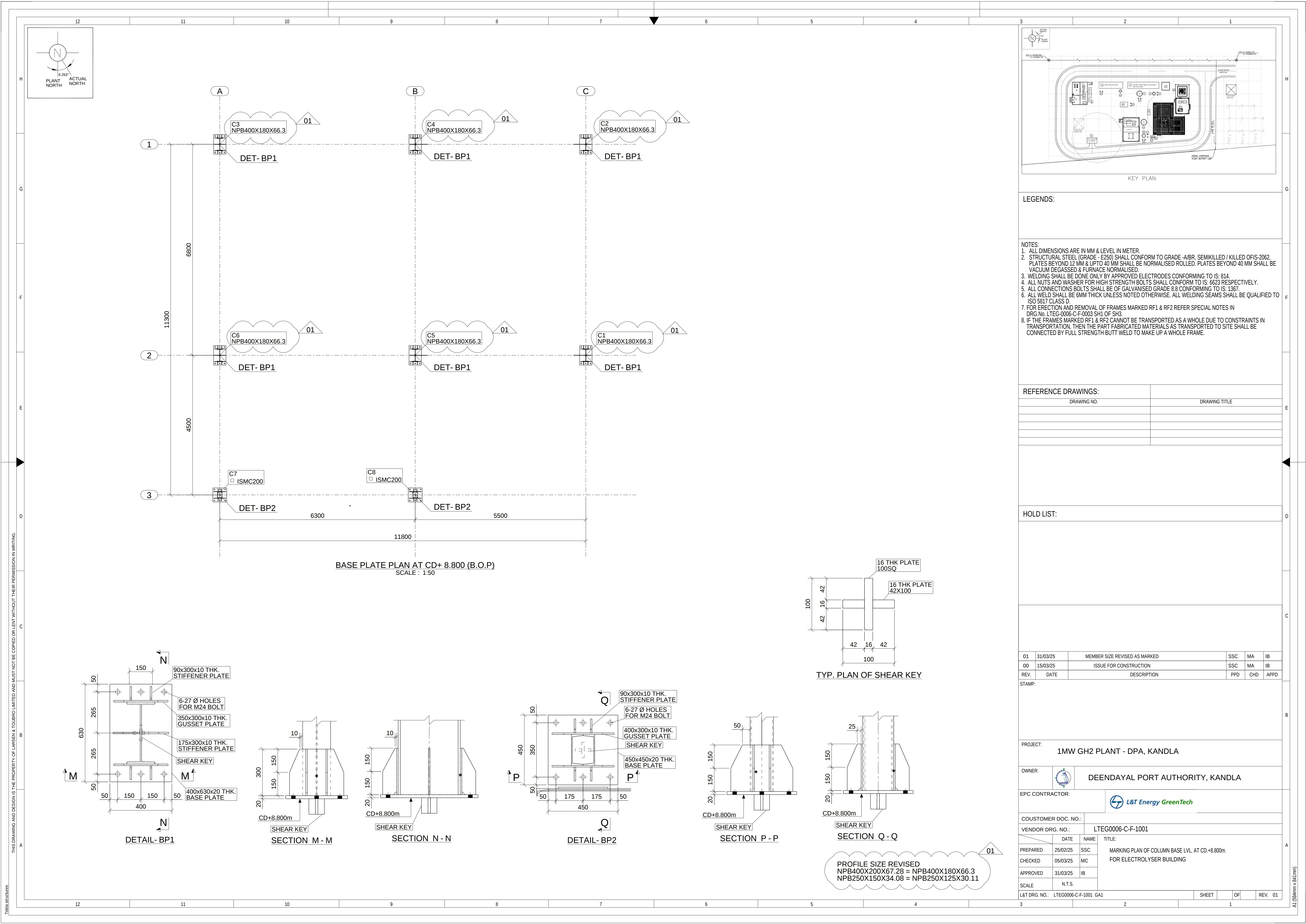
CUSTOMER DOC. NO:

DATE	NAME	TITLE:
31-01-2025	AKP	ELECTROLYSER BUILDING-STRUCTURAL STEEL GA DRAWING FOR SUPERSTRUCTURE
31-01-2025	MA	
31-01-2025	IB	

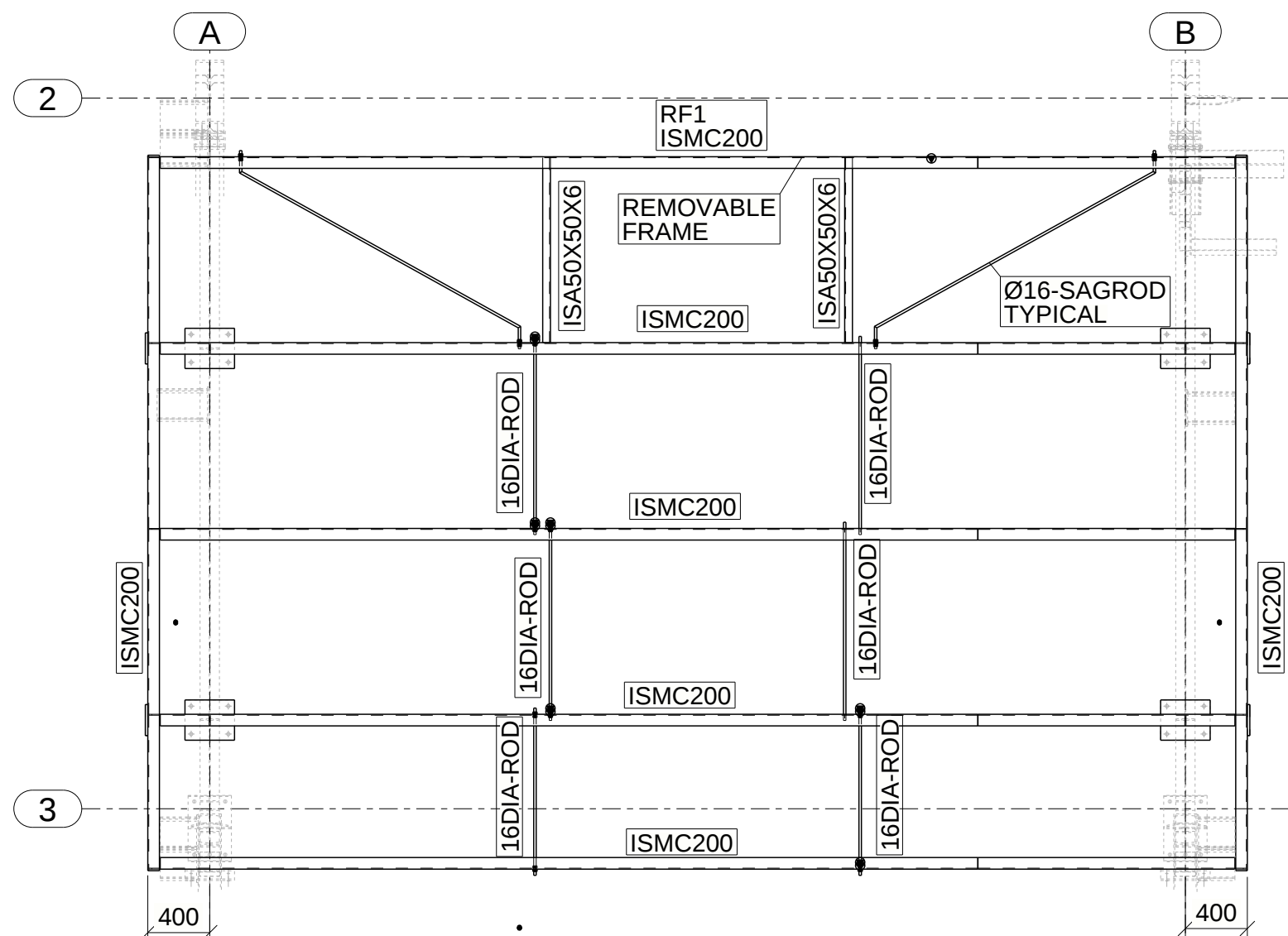
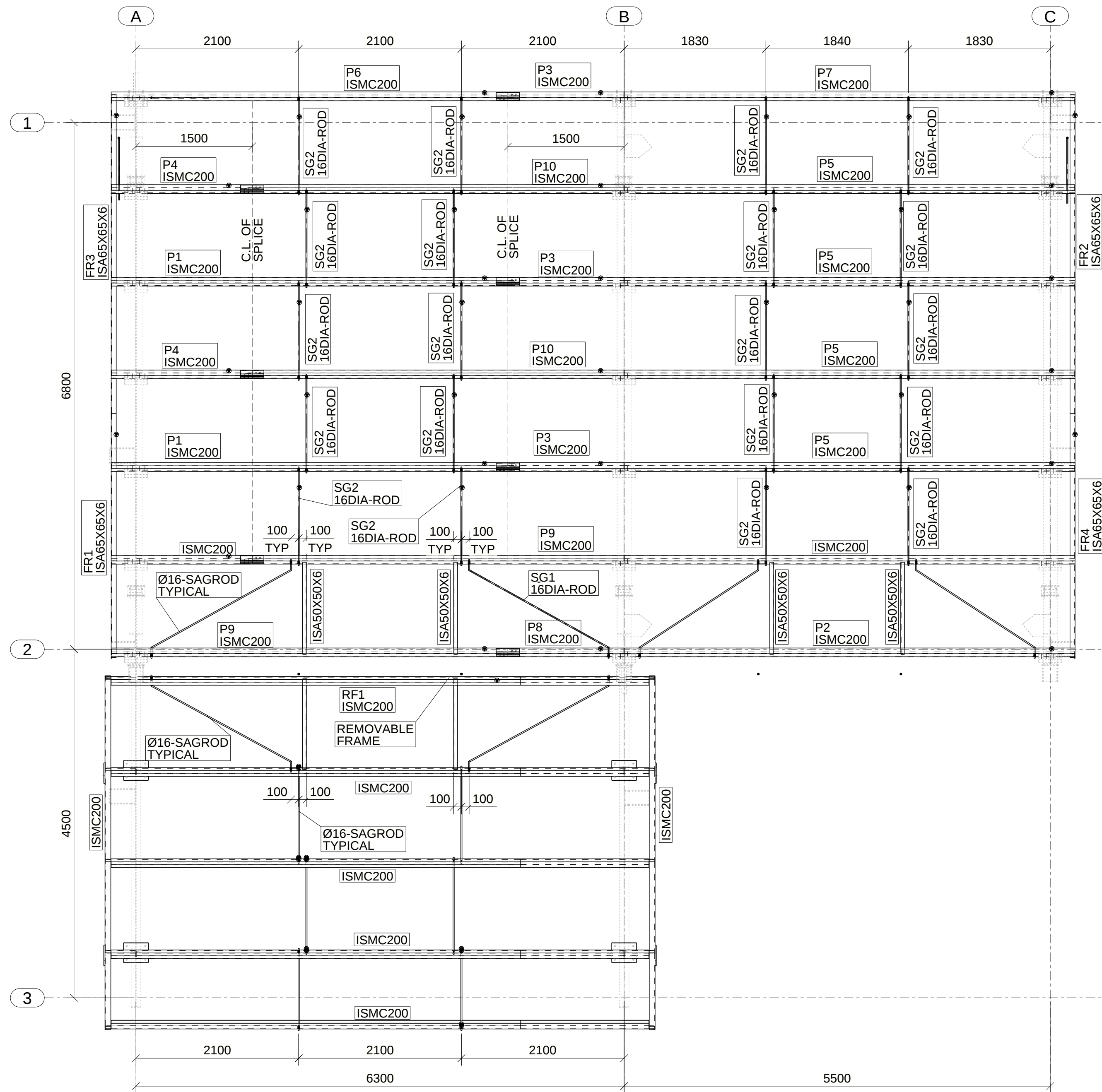
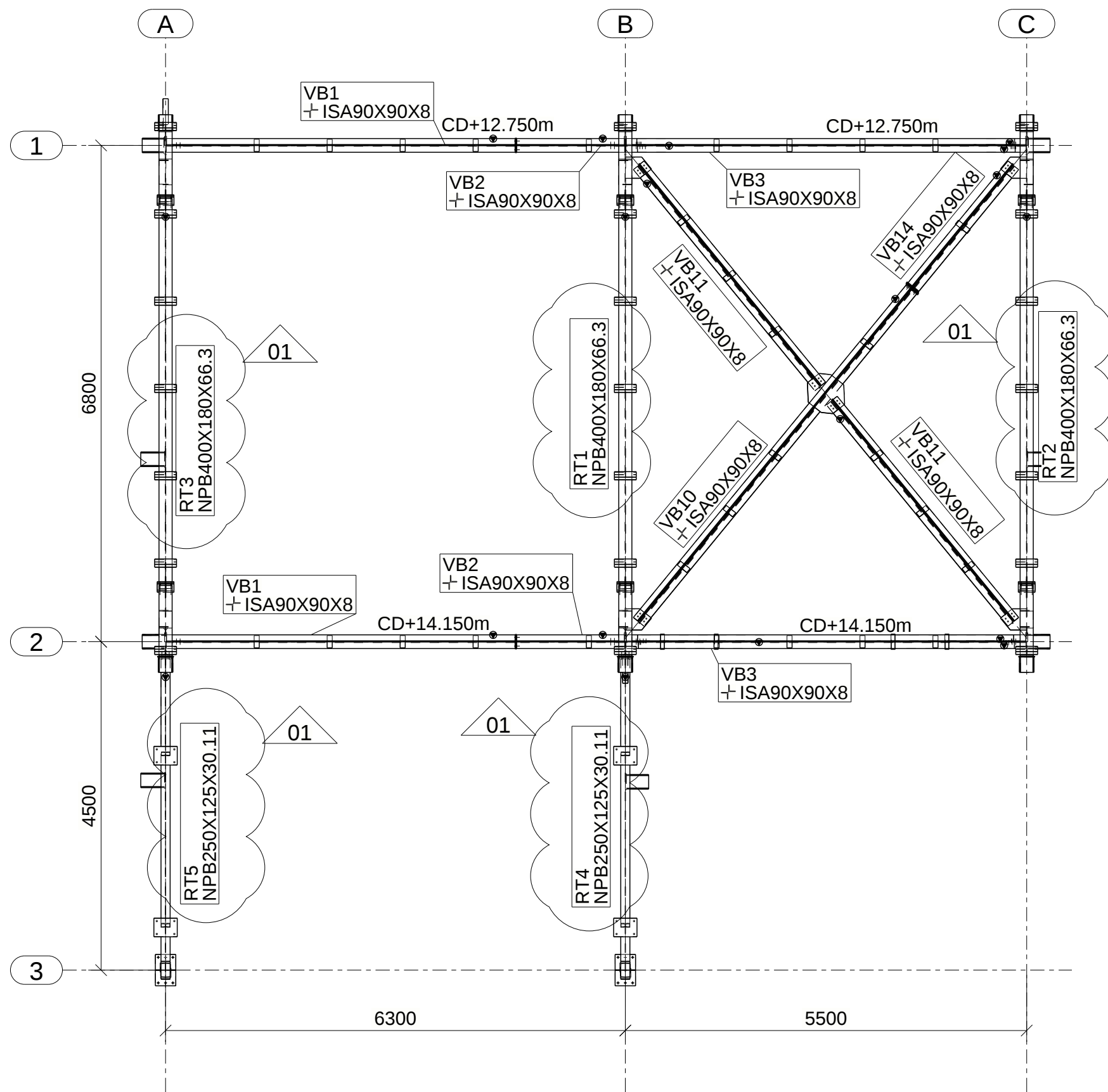
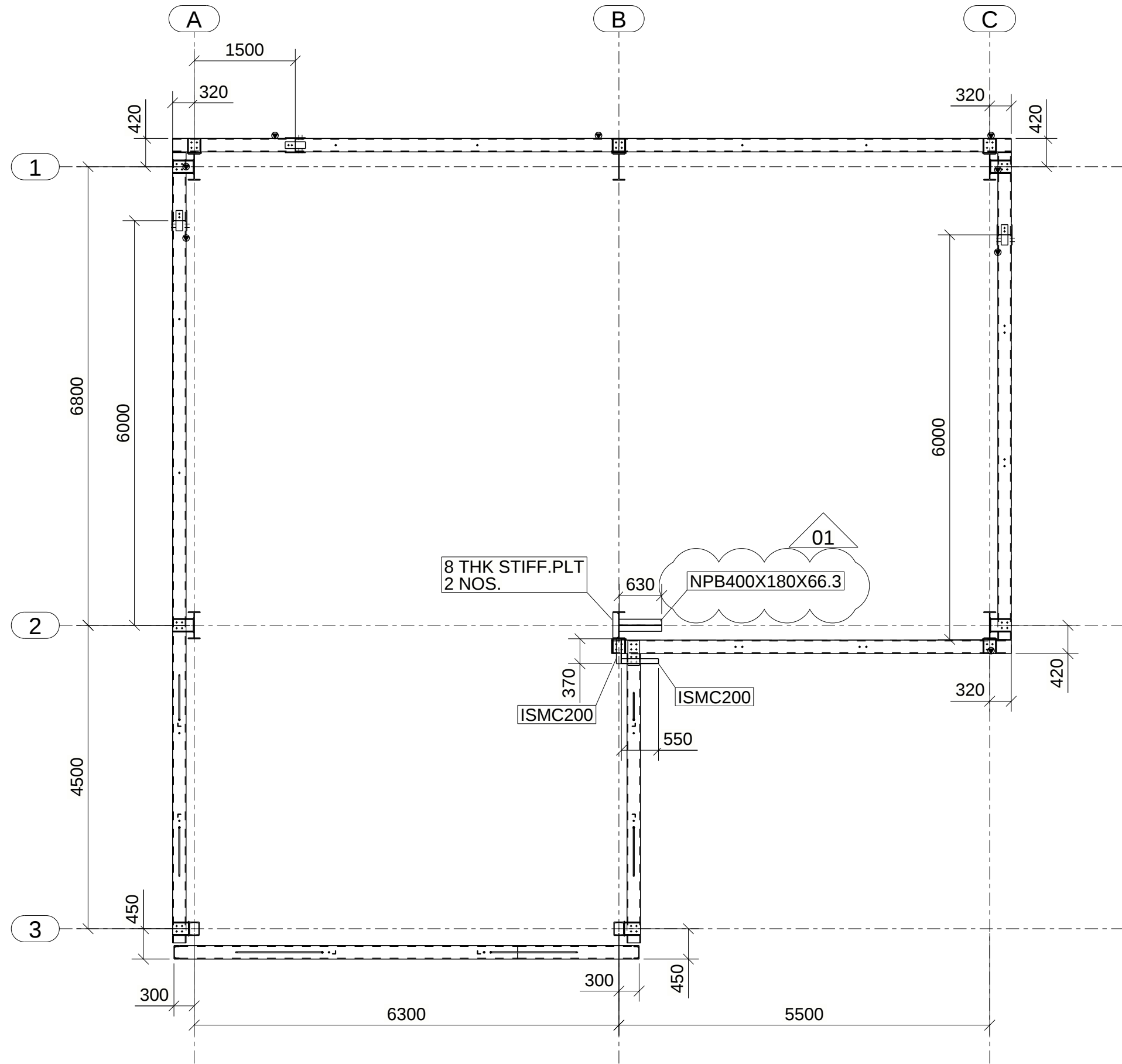
SCALE: 1:50

L&T DRG. NO.: LTEG0006-C-F-0003 SHEET 03 OF 03 REV. 01

A1 (594mm x 841mm)



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PROFILE SIZE REVISED
NPB400X200X67.28 = NPB400X180X66.3
NPB250X150X34.08 = NPB250X125X30.11

LEGENDS:

- NOTES:
1. ALL DIMENSIONS ARE IN MM & LEVEL IN METER.
 2. STRUCTURAL STEEL (GRADE - E250) SHALL CONFORM TO GRADE - A/BR, SEMIKILLED / KILLED OF IS-2062. PLATES BEYOND 12 MM & UPTO 40 MM SHALL BE NORMALISED ROLLED. PLATES BEYOND 40 MM SHALL BE VACUUM DEGAISED & FURNACE NORMALISED.
 3. WELDING SHALL BE DONE ONLY BY APPROVED ELECTRODES CONFORMING TO IS: 814.
 4. ALL NUTS AND WASHER FOR HIGH STRENGTH BOLTS SHALL CONFORM TO IS: 8623 RESPECTIVELY.
 5. ALL CONNECTIONS BOLTS SHALL BE OF GALVANISED GRADE 8.8 CONFORMING TO IS: 1367.
 6. ALL WELD SHALL BE 6MM THICK UNLESS NOTED OTHERWISE. ALL WELDING SEAMS SHALL BE QUALIFIED TO ISO 5817 CLASS D.
 7. FOR ERECTION AND REMOVAL OF FRAMES MARKED RF1 & RF2 REFER SPECIAL NOTES IN DRG No. LTEG-0006-C-F-0003 SH1 OF SH5.
 8. IF THE FRAMES MARKED RF1 & RF2 CANNOT BE TRANSPORTED AS A WHOLE DUE TO CONSTRAINTS IN TRANSPORTATION, THEN THE PART FABRICATED MATERIALS AS TRANSPORTED TO SITE SHALL BE CONNECTED BY FULL STRENGTH BUTT WELD TO MAKE UP A WHOLE FRAME.

REFERENCE DRAWINGS:

DRAWING NO.	DRAWING TITLE

HOLD LIST:

01	31/03/25	MEMBER SIZE REVISED AS MARKED	SSC	MA	IB
00	15/03/25	ISSUE FOR CONSTRUCTION	SSC	MA	IB
REV.	DATE	DESCRIPTION	PPD	CHD	APPD

STAMP:

PROJECT:

1MW GH2 PLANT - DPA, KANDLA

OWNER:



DEENDAYAL PORT AUTHORITY, KANDLA

EPC CONTRACTOR:



L&T Energy GreenTech

COUSTOMER DOC. NO.:

VENDOR DRG. NO.:

LTEG0006-C-F-1001

DATE

NAME

TITLE:

PREPARED

25/02/25

SSC

CHECKED

05/03/25

MC

APPROVED

31/03/25

IB

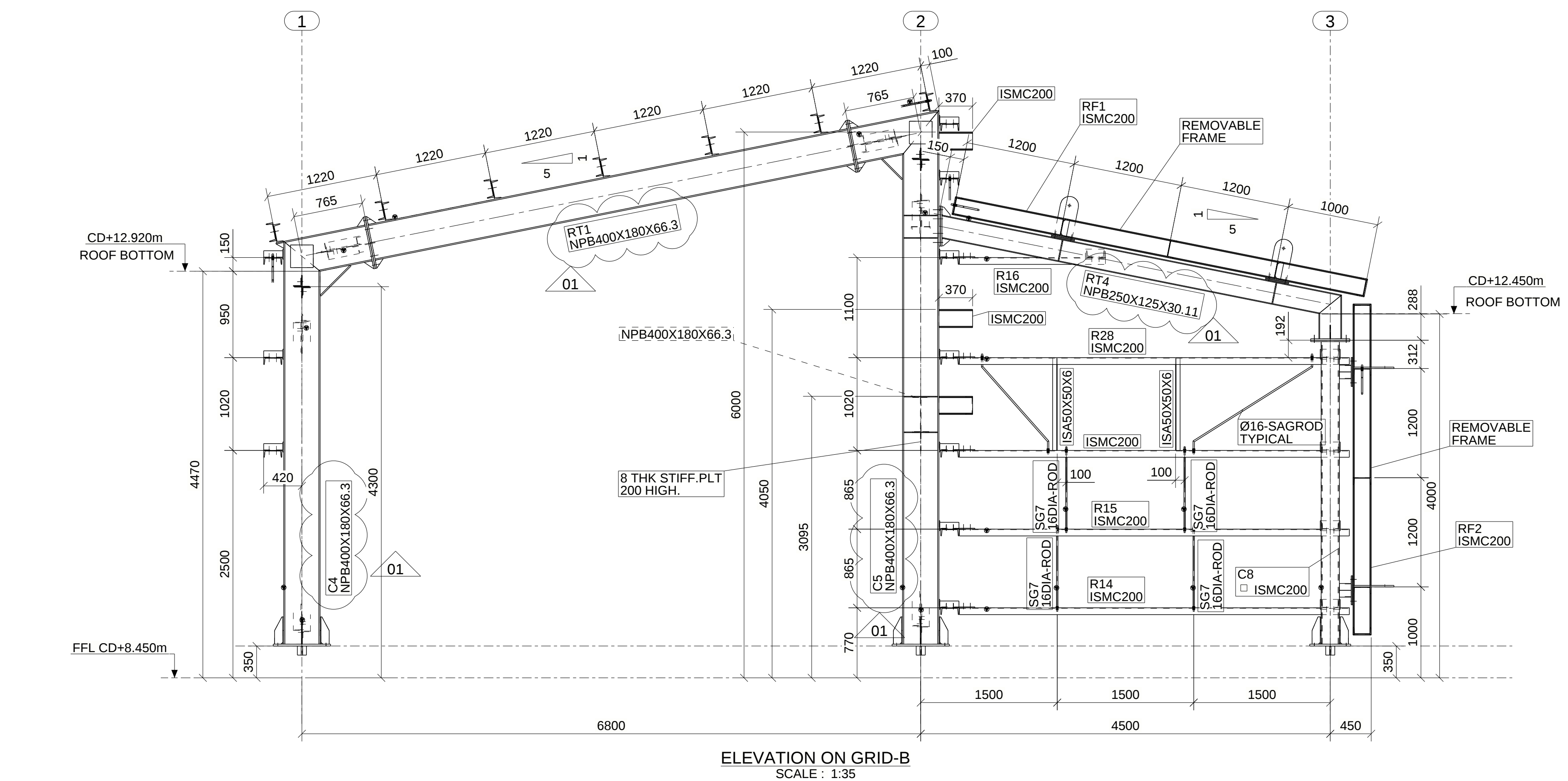
SCALE

N.T.S.

L&T DRG. NO.: LTEG0006-C-F-1001 GA2

SHEET OF REV. 01

AL (594mm x 841mm)



NOTES:

1. ALL DIMENSIONS ARE IN MM & LEVEL IN METER.
2. STRUCTURAL STEEL (GRADE - E250) SHALL CONFORM TO GRADE -A/BR, SEMIKILLED / KILLED OFIS-2062. PLATES BEYOND 12 MM & UP TO 40 MM SHALL BE NORMALISED ROLLED. PLATES BEYOND 40 MM SHALL BE VACUUM DEGAUSSED AND SURFACE NORMALISED.
3. WELDING SHALL BE DONE ONLY BY APPROVED ELECTRODES CONFORMING TO IS: 814.
4. ALL NUTS AND WASHER FOR HIGH STRENGTH BOLTS SHALL CONFORM TO IS: 6623 RESPECTIVELY.
5. ALL CONNECTIONS BOLTS SHALL BE OF GALVANISED GRADE 8.8 CONFORMING TO IS: 1387.
6. ALL WELD SHALL BE GMM TECH UNLESS NOTED OTHERWISE. ALL WELDING SEAMS SHALL BE QUALIFIED TO ISO 5817 CLASS D.
7. FOR ERECTION AND REMOVAL OF FRAMES MARKED RF1 & RF2 REFER SPECIAL NOTES IN DRG. NO. LTEC-0006-C-0003 SH3 OF SH3.
8. IF THE FRAMES MARKED RF1 & RF2 CANNOT BE TRANSPORTED AS A WHOLE DUE TO CONSTRAINTS IN TRANSPORTATION, THEN THE FABRICATED MATERIALS AS TRANSPORTED TO SITE SHALL BE CONNECTED BY FULL STRENGTH BUT WELD TO MAKE UP A WHOLE FRAME.

REFERENCE DRAWINGS:	
DRAWING NO.	DRAWING TITLE

HOLD LIST:

02	07/04/25	REVISED DUE TO CHANGE IN OPENING LOCATION	SSC	MA	IB
01	31/03/25	MEMBER SIZE REVISED AS MARKED	SSC	MA	IB
00	15/03/25	ISSUE FOR CONSTRUCTION	SSC	MA	IB
REV.	DATE	DESCRIPTION	PPD	CHD	APPD

STAMP:

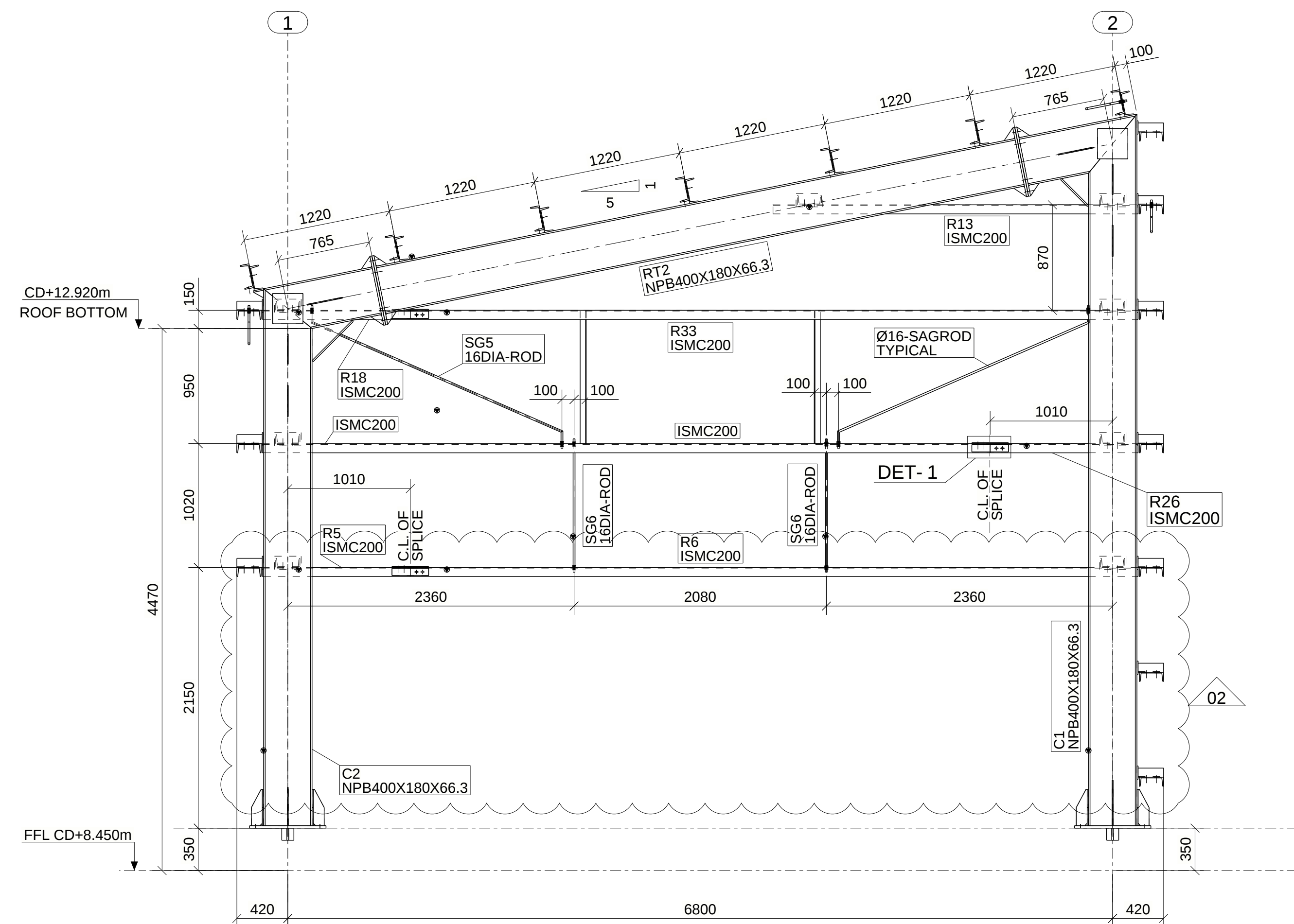
PROJECT:	1MW GH2 PLANT - DPA, KANDLA
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OWNER:		DEENDAYAL PORT AUTHORITY, KANDLA
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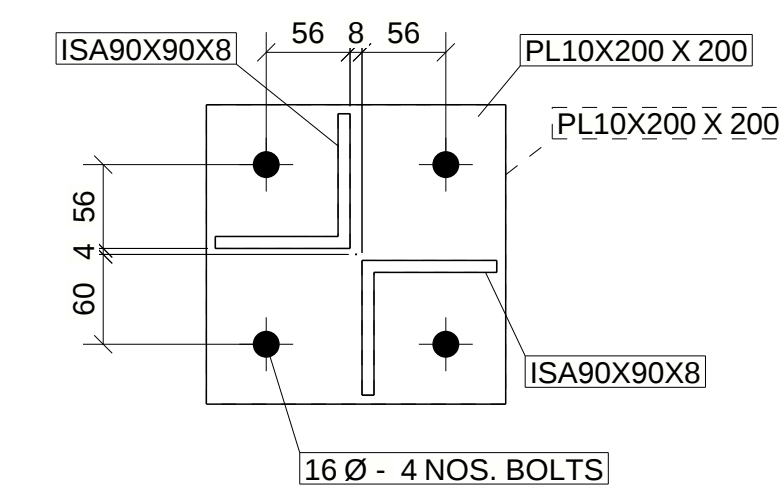
EPC CONTRACTOR:	 L&T Energy GreenTech
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CUSTOMER DOC. NO.:						
VENDOR DRG. NO.:		LTEG0006-C-F-1001				
	DATE	NAME	TITLE:			
PREPARED	25/02/25	SSC	ELEVATION ON GRID-A & GRID-B FOR ELECTROLYSER BUILDING			
CHECKED	05/03/25	MC				
APPROVED	07/04/25	IB				
SCALE	N.T.S.					
L&T DRG. NO.:	LTEG0006-C-F-1001		GA3	SHEET	OF	REV. 02

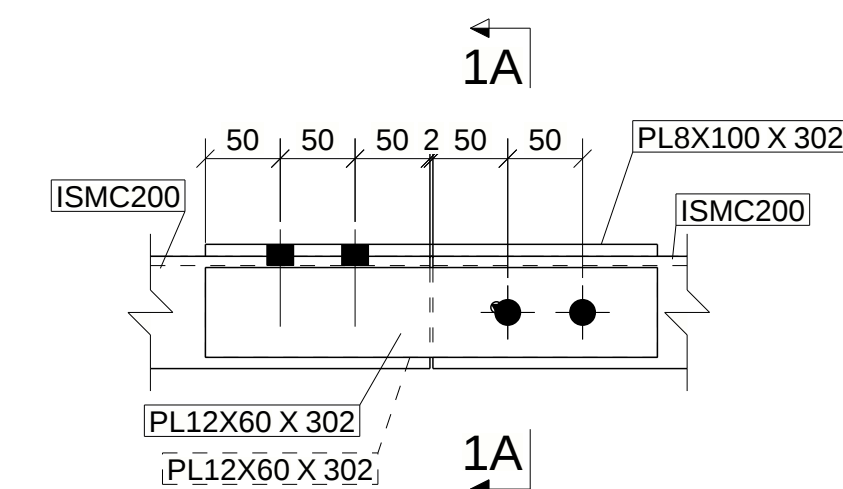
PROFILE SIZE REVISED
NPB400X200X67.28 = NPB400X180X66.3
NPB250X150X34.08 = NPB250X125X30.11



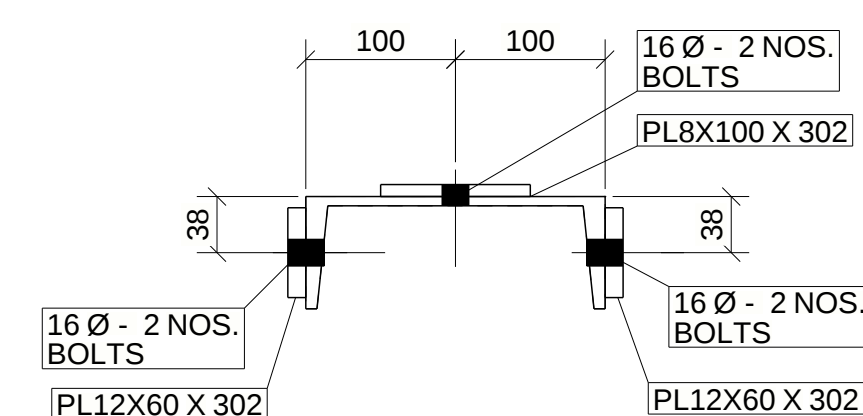
ELEVATION ON GRID-C
SCALE : 1:30



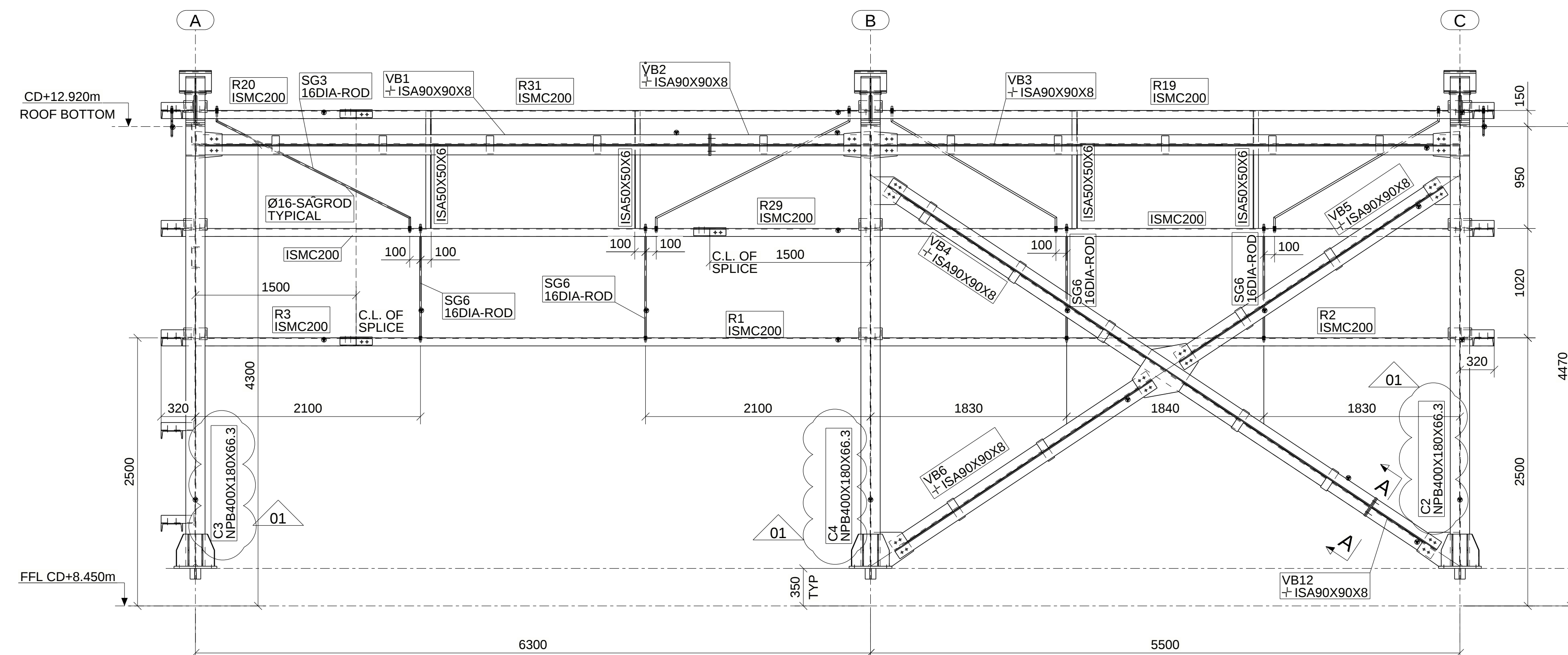
SECTION A - A
TYP SPLICE DETAIL
FOR BRACING



DETAIL- 1
TYP SPLICE DETAIL
FOR PURLIN & SIDE GIRT



SECTION 1A - 1A



ELEVATION ON GRID-1
SCALE : 1:30

PROFILE SIZE REVISED
NPB400X200X67.28 = NPB400X180X66.3
NPB250X150X34.08 = NPB250X125X30.11

LEGENDS:

NOTES:

- NOTE: ALL DIMENSIONS ARE IN MM & LEVEL IN METER.
1. STRUCTURAL STEEL (GRADE - E250) SHALL CONFORM TO GRADE -A/BR, SEMIKILLED / KILLED OFIS-2062. PLATES BEYOND 12 MM & UP TO 40 MM SHALL BE NORMALISED ROLLED. PLATES BEYOND 40 MM SHALL BE VACUUM DEGASSED & FURNACE NORMALISED.
 2. WELDING SHALL BE DONE ONLY BY APPROVED ELECTRODES CONFORMING TO IS: 814.
 3. ALL NUTS AND WRENCH BOLT FOR HIGH STRESS SHALL BE TO IS: 8032 RESPECTIVELY.
 4. ALL CONNECTION BOLTS SHALL BE OF GALVANISED GRADE 8.8 CONFORMING TO IS: 1367.
 5. ALL WELD SHALL BE 6MM THICK UNLESS NOTED OTHERWISE. ALL WELDING SEAMS SHALL BE QUALIFIED TO ISO 5817 CLASS D.
 6. FOR ERECTION AND REMOVAL OF FRAMES MARKED RF1 & RF2 REFER SPECIAL NOTES IN Dwg NO. LFE-0008-C-0003 SHG OF SHS.
 7. IF THE FRAMES MARKED RF1 & RF2 CANNOT BE TRANSPORTED AS A WHOLE DUE TO CONSTRAINTS IN TRANSPORTATION, THEN THE PART FABRICATED MATERIALS AS TRANSPORTED TO SITE SHALL BE CONNECTED BY FULL STRENGTH BUT WELD TO MAKE UP A WHOLE FRAME.

REFERENCE DRAWINGS:

DRAWING NO.	DRAWING TITLE	E

HOLD LIST:

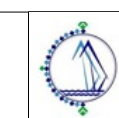
02	07/04/25	REVISED DUE TO CHANGE IN OPENING LOCATION	SSC	MA	IB
01	31/03/25	MEMBER SIZE REVISED AS MARKED	SSC	MA	IB
00	15/03/25	ISSUE FOR CONSTRUCTION	SSC	MA	IB
REV.	DATE	DESCRIPTION	PPD	CHD	APPD

STAMP:

PROJECT:

1MW GH2 PLANT - DPA, KANDLA

OWNER:



DEENDAYAL PORT AUTHORITY, KANDLA

EPC CONTRACTOR:



L&T Energy GreenTech

COUSTOMER DOC. NO.:

VENDOR DRG. NO.:	LTEG0006-C-F-1001
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PREPARED	25/02/25	SSC	TITLE: ELEVATION ON GRID-C & GRID-1 FOR ELECTROLYSER BUILDING
CHECKED	05/03/25	MC	
APPROVED	07/04/25	JB	
SCALE	N.T.S.		

L&T DRG. NO.:	LTEG0006-C-F-1001 GA4
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SHEET	OF	REV. 02
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01

NOTES:

1. ALL DIMENSIONS ARE IN MM & LEVEL IN METER.
2. STRUCTURAL STEEL (GRADE - E250) SHALL CONFORM TO GRADE -A/BR, SEMIKILLED /KILLED OFIS-2062. PLATES BEYOND 10MM UP TO 40MM SHALL BE NORMALISED ROLLED. PLATES BEYOND 40 MM SHALL BE VACUUM DEGAUSS & FURNACE NORMALISED.
3. WELDING SHALL BE DONE ONLY BY APPROVED ELECTRODES CONFORMING TO IS: 814.
4. ALL NUTS AND WASHER FOR HIGH STRENGTH BOLTS SHALL CONFORM TO IS: 6623 RESPECTIVELY.
5. ALL CONNECTIONS BOLTS SHALL BE OF GALVANISED GRADE 8.8 CONFORMING TO IS: 1367.
6. ALL WELD SHALL BE 6MM THICK UNLESS NOTED OTHERWISE. ALL WELDING SEAMS SHALL BE QUALIFIED TO ISO 5817 CLASS D.

FOR Erection and Removal of FRAMES MARKED R#1 & R#2 REFER SPECIAL NOTES IN DRG NO: LFC-0009-CF-0003 SH OF 3#.

B. THE FRAMES MARKED R#1 & R#2 CANNOT BE TRANSPORTED AS A WHOLE DUE TO CONSTRAINTS IN TRANSPORTATION, THEN THE PART FABRICATED MATERIALS AS TRANSPORTED TO SITE SHALL BE CONNECTED BY FULL STRENGTH BUT WELD TO MAKE UP A WHOLE FRAME.

DRAWING NO.	DRAWING TITLE

01	31/03/25	MEMBER SIZE REVISED AS MARKED	SSC	MA	IB
00	15/03/25	ISSUE FOR CONSTRUCTION	SSC	MA	IB
REV.	DATE	DESCRIPTION	PPD	CHD	APPD
STAMP:					

PROJECT:	1MW GH2 PLANT - DPA, KANDLA
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OWNER:		DEENDAYAL PORT AUTHORITY, KANDLA
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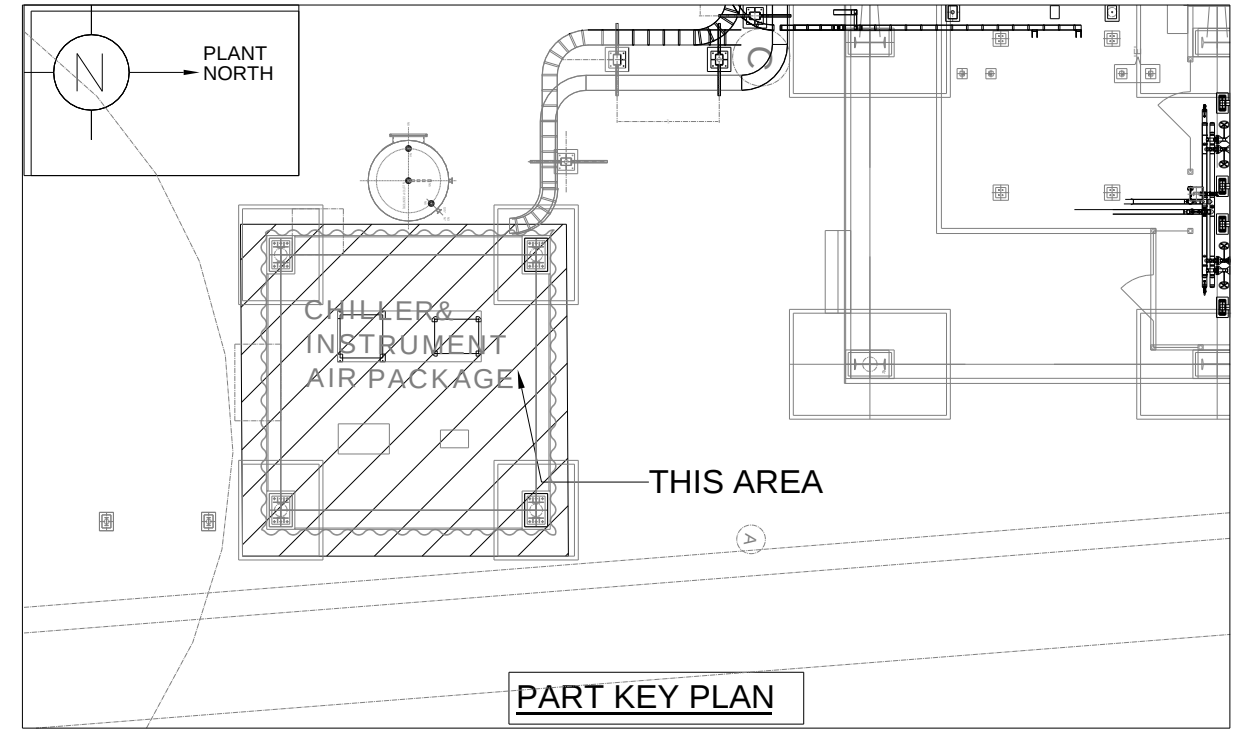
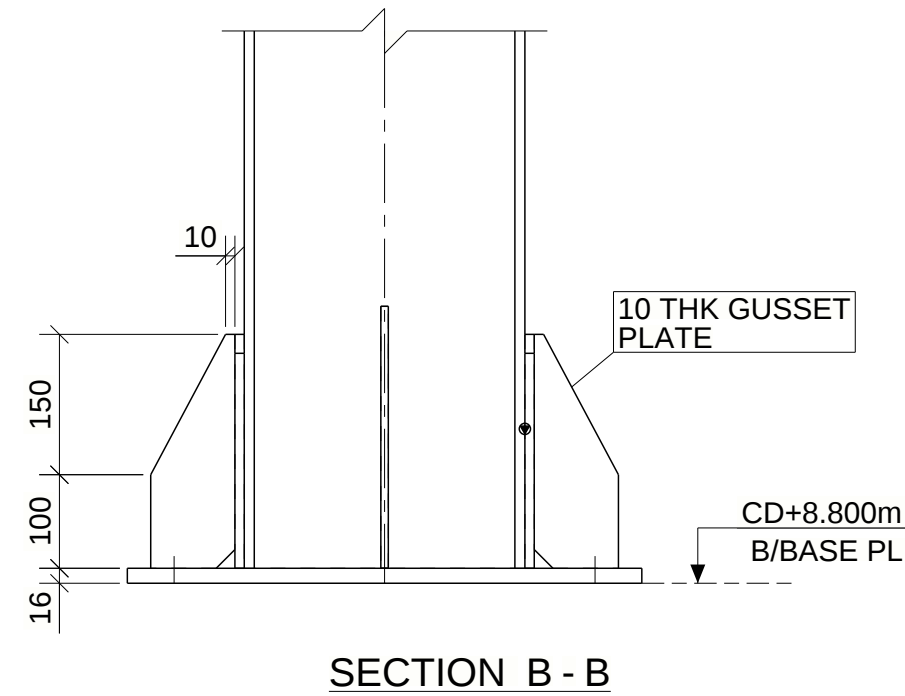
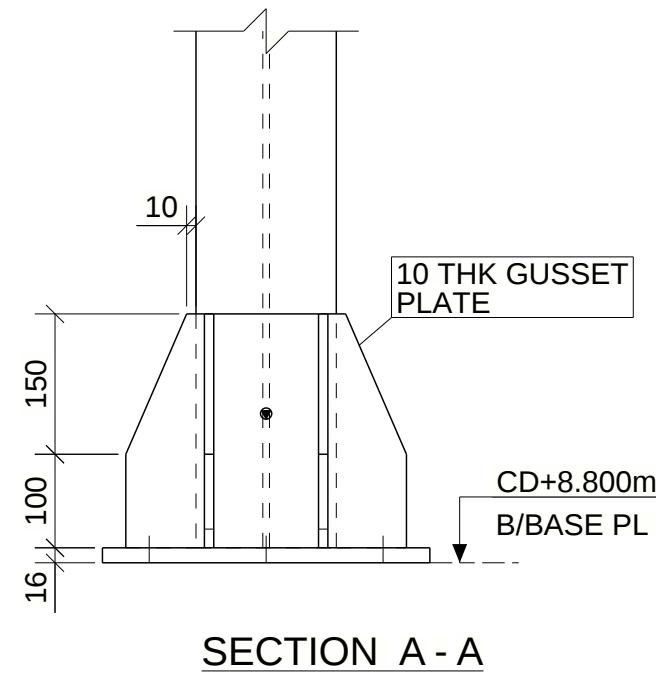
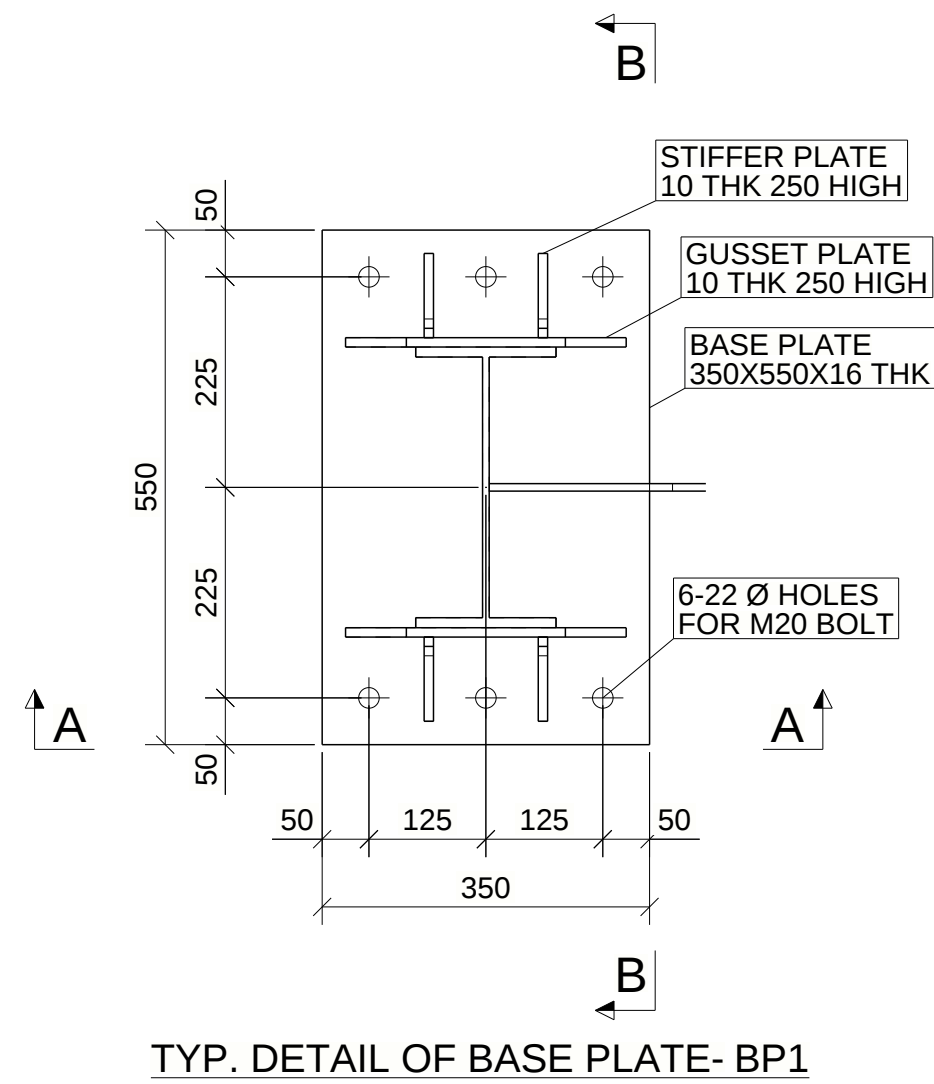
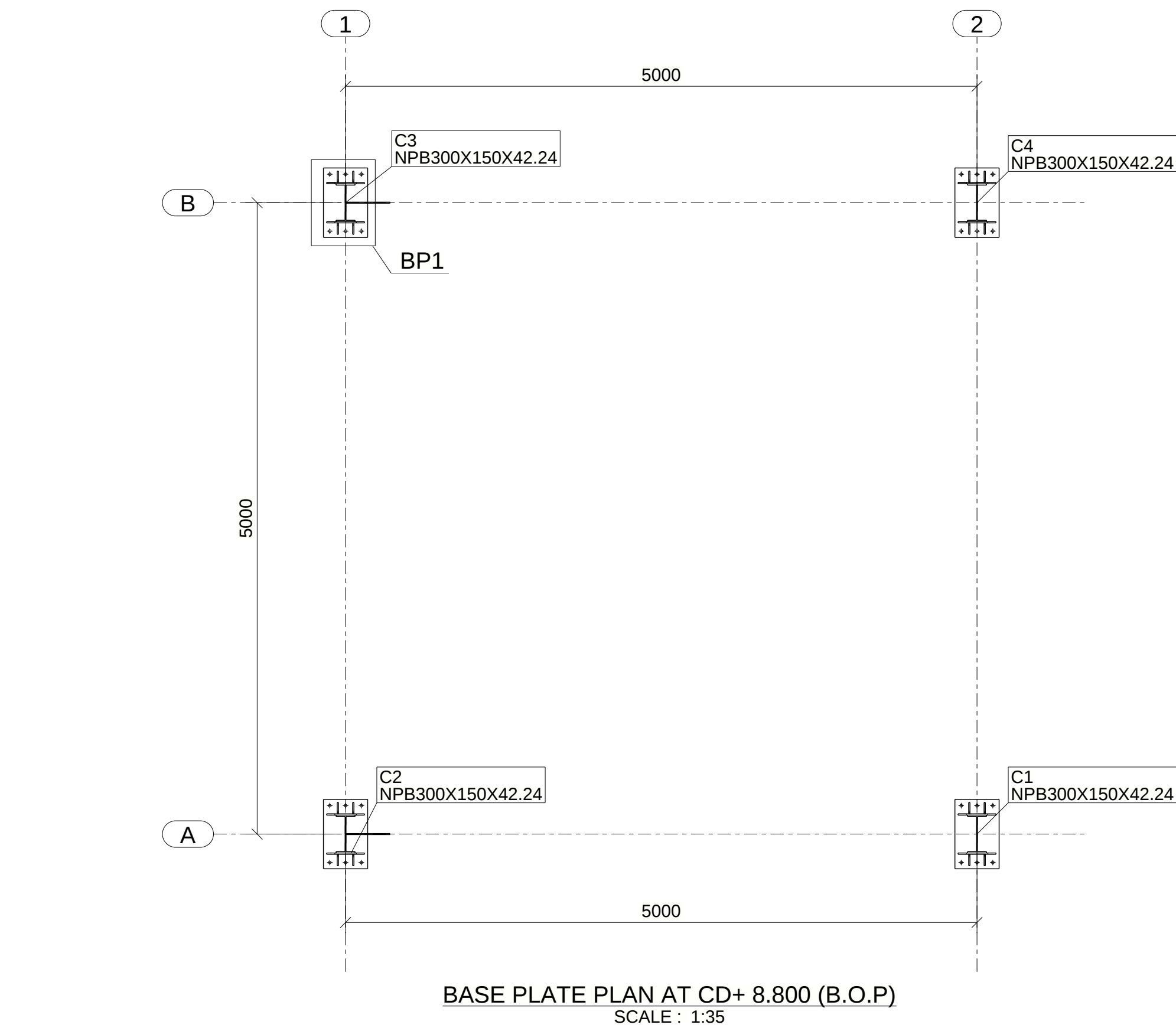
EPC CONTRACTOR:	
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COUSTOMER DOC. NO.:	
VENDOR DRG. NO.:	LTEG0006-C-F-1001

	DATE	NAME	TITLE: ELEVATION ON GRID-2 & GRID-3 FOR ELECTROLYSER BUILDING
PREPARED	25/02/25	SSC	
CHECKED	05/03/25	MC	

SCALE	N.T.S.				
L&T DRG. NO.:	LTEG0006-C-F-1001 GA5	SHEET		OF	REV. 01

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LEGENDS:

T.O.S - TOP OF STEEL
CD - CHART DATUM LEVEL
B.O.P - BOTTOM OF BASE PLATE

- ALL DIMENSIONS ARE IN MM & LEVEL IN METER.
- STRUCTURAL STEEL (GRADE - E250) SHALL CONFORM TO GRADE -A/B, SEMIKILLED / KILLED OFIS-2062. PLATES BEYOND 12 MM & UPTO 40 MM SHALL BE NORMALISED ROLLED. PLATES BEYOND 40 MM SHALL BE VACUUM DEGASSED & FURNACE NORMALISED.
- WELDING SHALL BE DONE ONLY BY APPROVED ELECTRODES CONFORMING TO IS: 814.
- ALL NUTS AND WASHER FOR HIGH STRENGTH BOLTS SHALL CONFORM TO IS: 5623 RESPECTIVELY.
- ALL CONNECTIONS BOLTS SHALL BE OF GALVANISED GRADE 8.8 CONFORMING TO IS: 1367.
- ALL WELD SHALL BE 6MM THICK UNLESS NOTED OTHERWISE. ALL WELDING SEAMS SHALL BE QUALIFIED TO ISO 5817 CLASS D.
- SPECIFICATION FOR SHEETING SHALL BE AS FOLLOWS:-
CORRUGATED GALVALUM SHEETS OF APPROVED COLOUR, "METACOLOR" OR EQUIVALENT FIXING HEADS, NEOPRENE WASHERS, INCLUDING LAPS AND SEALS IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
- FOR ROOFING SYSTEM, BASE METAL THICKNESS SHALL BE 0.5 MM.
FOR SIDE CLADDING SYSTEM, BASE METAL THICKNESS SHALL BE 0.5 MM.
FLASHING - BASE METAL THICKNESS 0.5MM (WITHOUT CORRUGATION).
- THE PAINTING FOR STRUCTURAL STEEL WORKS SHALL BE AS PER FOLLOWS:-
A) SURFACE PREPARATION - BLAST CLEANING OF STEEL SURFACES UP TO SA 2 ½ STANDARD.
B) PRIMER - INORGANIC ZINC SILICATE (65 DFT)
C) INTERMEDIATE COAT - 2ND COAT OF HB EPOXY MIO2 (100 DFT)
D) FINISH COAT - TWO PACK ACRYLIC POLYURETHENE PAINT (50 DFT)
E) TOTAL DFT AS 215 MICRONS (MINIMUM).

REFERENCE DRAWINGS:

DRAWING NO.	DRAWING TITLE
LTEG0006-C-D-0002	GENERAL NOTES
LTEG0006-C-F-0005	CHILLER + IA PACKAGE BUILDING-NUMERATION AND RCC DRAWING FOR FOUNDATION
LTEG0006-C-F-0006	CHILLER + IA PACKAGE BUILDING-STRUCTURAL STEEL GA DRAWING FOR SUPERSTRUCTURE

HOLD LIST:

00	25/04/25	ISSUE FOR CONSTRUCTION	SSC	MA	IB
REV.	DATE	DESCRIPTION	PPD	CHD	APPD

STAMP:

PROJECT: 1MW GH2 PLANT - DPA, KANDLA

OWNER: DEENDAYAL PORT AUTHORITY, KANDLA

EPC CONTRACTOR: L&T Energy GreenTech

COUSTOMER DOC. NO.:
VENDOR DRG. NO.: LTEG0006-C-F-1002

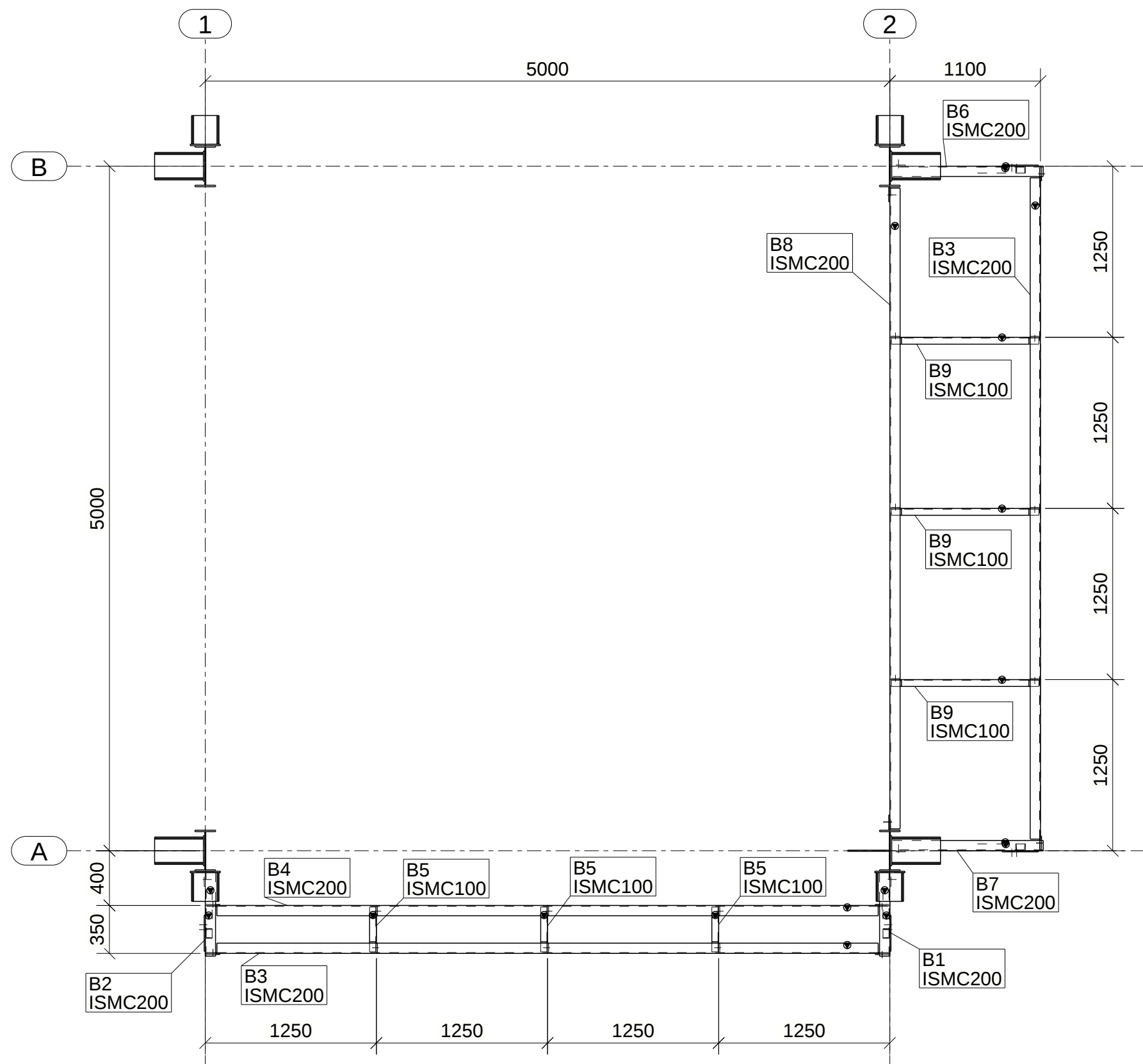
DATE: 02/03/25
NAME: SSC
TITLE: MARKING PLAN OF COLUMN BASE LVL. AT CD.+8.800m.
FOR CHILLER+IA PACKAGE BUILDING

CHECKED: 05/03/25
MA
APPROVED: 25/04/25
IB
SCALE: N.T.S.

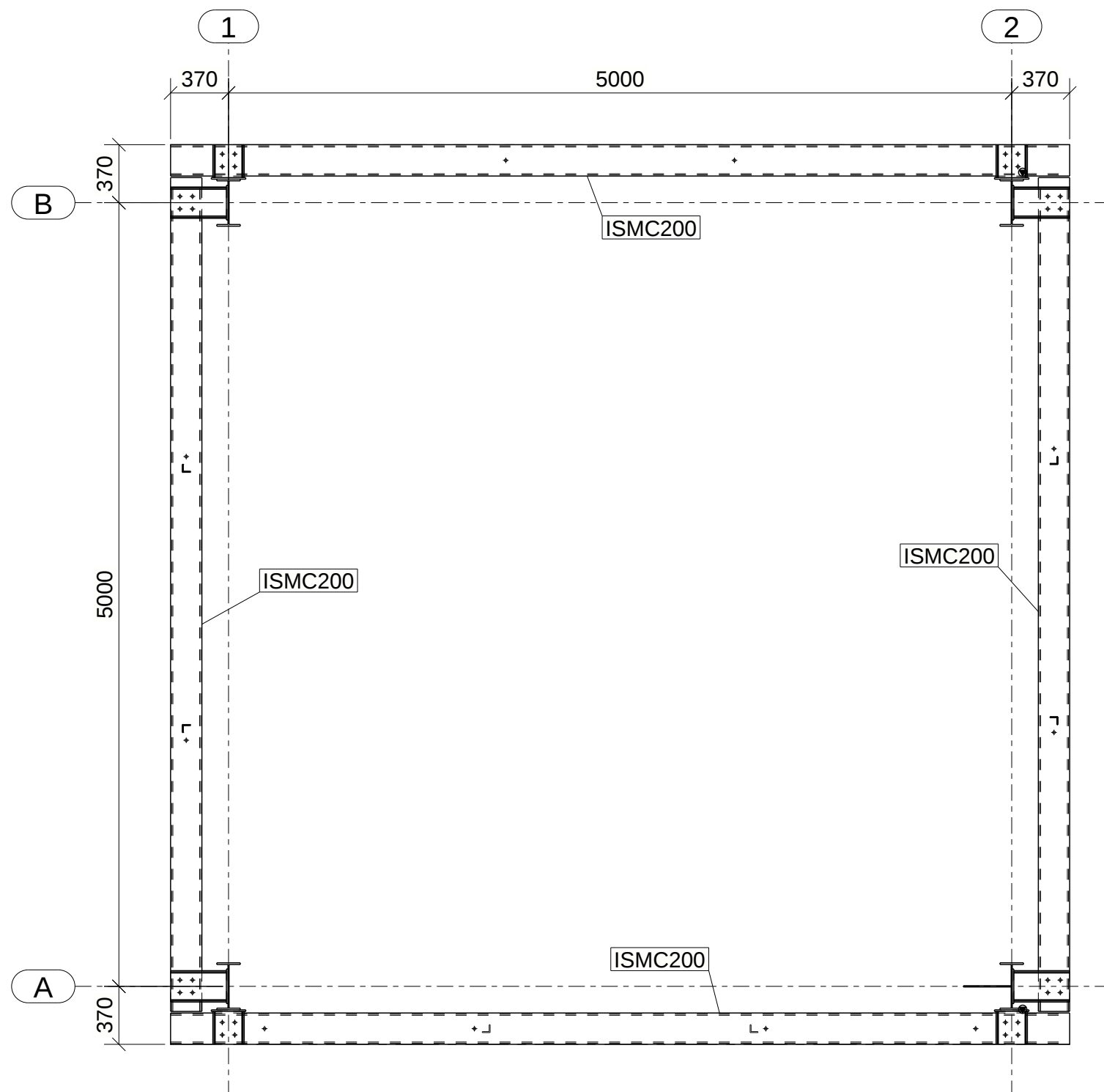
L&T DRG. NO.: LTEG0006-C-F-1002 GA1 SHEET OF REV. 00

AL (594mm x 841mm)

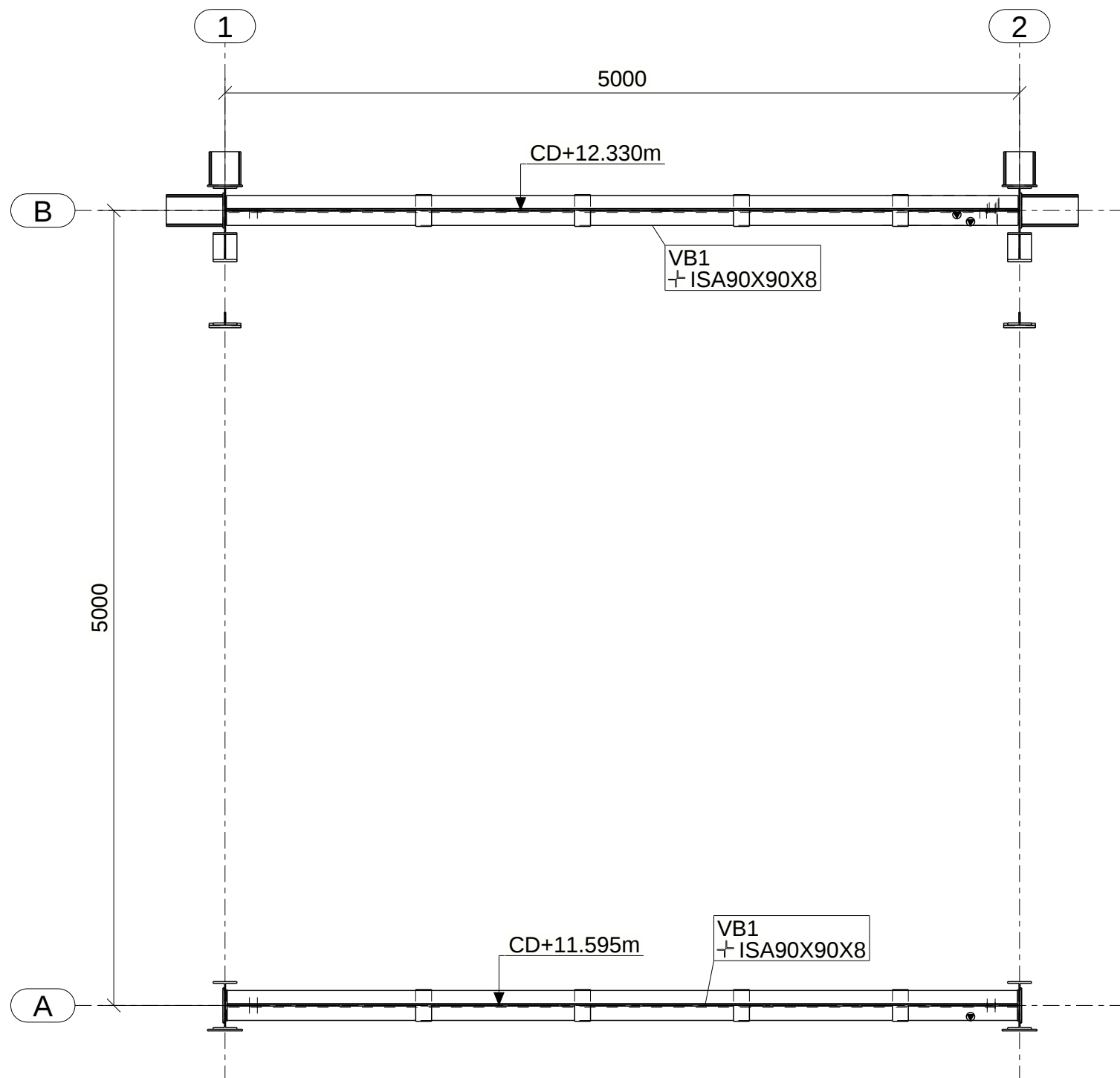
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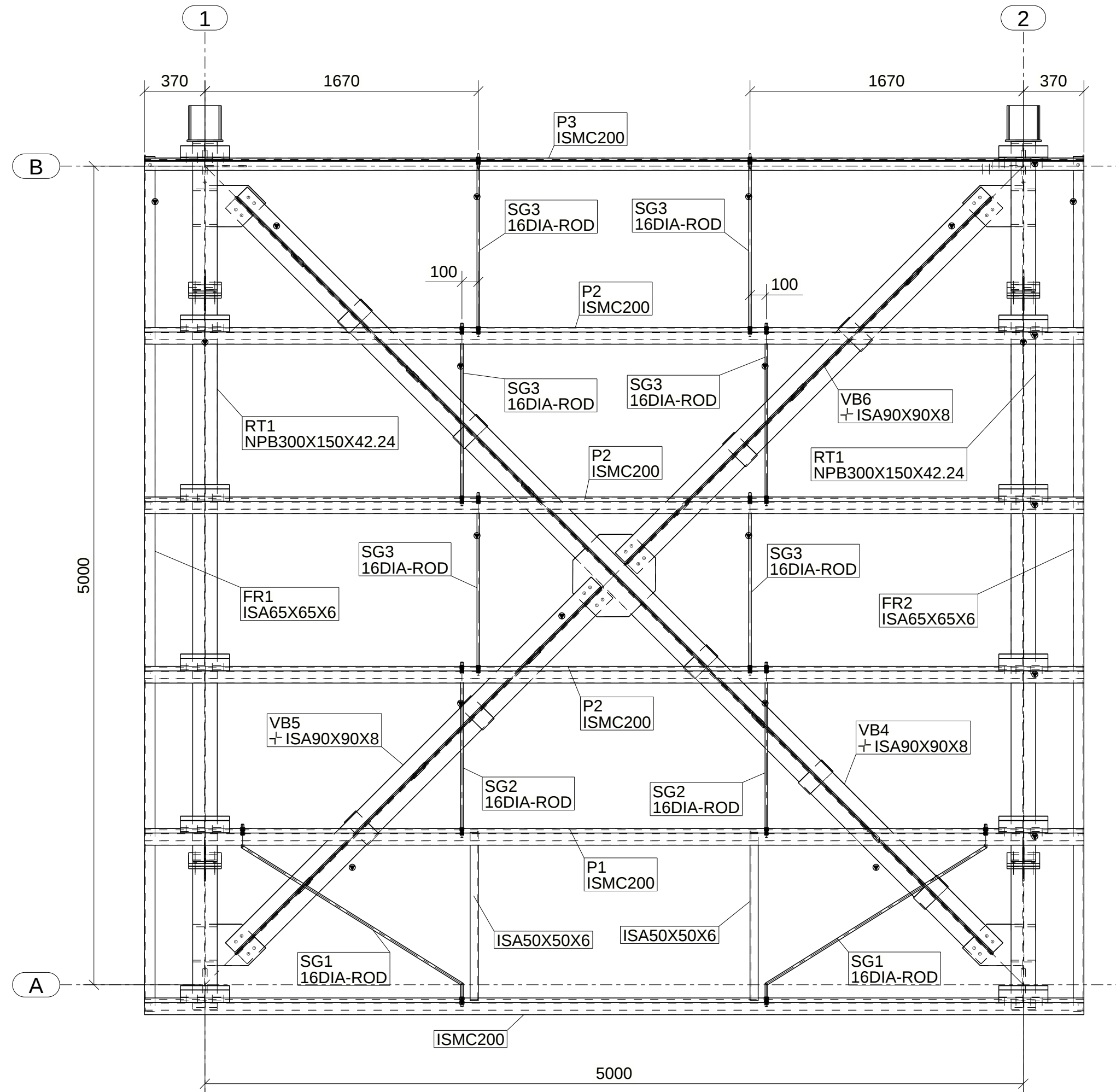
PLAN AT CD+10.900m (T.O.S)
SCALE: 1:35



PLAN OF SIDE GIRT
SCALE: 1:35



TIE BEAM PLAN AT CD+11.595 & 12.330 (T.O.S)
SCALE: 1:35



SAG ROD & PURLIN ROOF PLAN
SCALE: 1:25

LEGENDS:

T.O.S - TOP OF STEEL
CD - CHART DATUM LEVEL
B.O.P - BOTTOM OF BASE PLATE

- ALL DIMENSIONS ARE IN MM & LEVEL IN METER.
- STRUCTURAL STEEL (GRADE - E250) SHALL CONFORM TO GRADE - A/B, SEMIKILLED / KILLED OF IS-2062. PLATES BEYOND 12 MM & UPTO 40 MM SHALL BE NORMALISED ROLLED. PLATES BEYOND 40 MM SHALL BE VACUUM DEGASSED & FURNACE NORMALISED.
- WELDING SHALL BE DONE ONLY BY APPROVED ELECTRODES CONFORMING TO IS: 814.
- ALL NUTS AND WASHER FOR HIGH STRENGTH BOLTS SHALL CONFORM TO IS: 6623 RESPECTIVELY.
- ALL CONNECTIONS BOLTS SHALL BE OF GALVANISED GRADE 8.8 CONFORMING TO IS: 1367.
- ALL WELD SHALL BE 6MM THICK UNLESS NOTED OTHERWISE. ALL WELDING SEAMS SHALL BE QUALIFIED TO ISO 5817 CLASS D.
- SPECIFICATION FOR SHEETING SHALL BE AS FOLLOWS:-
CORRUGATED GALVALUM SHEETS OF APPROVED COLOUR, "METACOLOR" OR EQUIVALENT FIXING HEADS, NEOPRENE WASHERS, INCLUDING LAPS AND SEALS IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
- FOR ROOFING SYSTEM BASE METAL THICKNESS SHALL BE 0.5 MM
FOR SIDE CLADDING SYSTEM BASE METAL THICKNESS SHALL BE 0.5 MM
C) FLASHING - BASE METAL THICKNESS 0.5MM (WITHOUT CORRUGATION)
- THE PAINTING FOR STRUCTURAL STEEL WORKS SHALL BE AS PER FOLLOWS -
A) SURFACE PREPARATION - BLAST CLEANING OF STEEL SURFACES UP TO SA 2 1/2 STANDARD.
B) PRIMER - INORGANIC ZINC SILICATE (65 DFT)
C) INTERMEDIATE COAT - 2ND COAT OF HB EPOXY MIO2 (100 DFT)
D) FINISH COAT - TWO PACK ACRYLIC POLYURETHANE PAINT (50 DFT)
E) TOTAL DFT AS 215 MICRONS (MINIMUM).

REFERENCE DRAWINGS:

DRAWING NO.	DRAWING TITLE
LTEG0006-C-D-0002	GENERAL NOTES
LTEG0006-C-F-0005	CHILLER + IA PACKAGE BUILDING-NUMERATION AND RCC DRAWING FOR FOUNDATION
LTEG0006-C-F-0006	CHILLER + IA PACKAGE BUILDING-STRUCTURAL STEEL GA DRAWING FOR SUPERSTRUCTURE

HOLD LIST:

00	25/04/25	ISSUE FOR CONSTRUCTION	SSC	MA	IB
REV.	DATE	DESCRIPTION	PPD	CHD	APPD

STAMP:

PROJECT: 1MW GH2 PLANT - DPA, KANDLA

OWNER: DEENDAYAL PORT AUTHORITY, KANDLA

EPC CONTRACTOR: L&T Energy GreenTech

COUSTOMER DOC. NO.:
VENDOR DRG. NO.: LTEG0006-C-F-1002

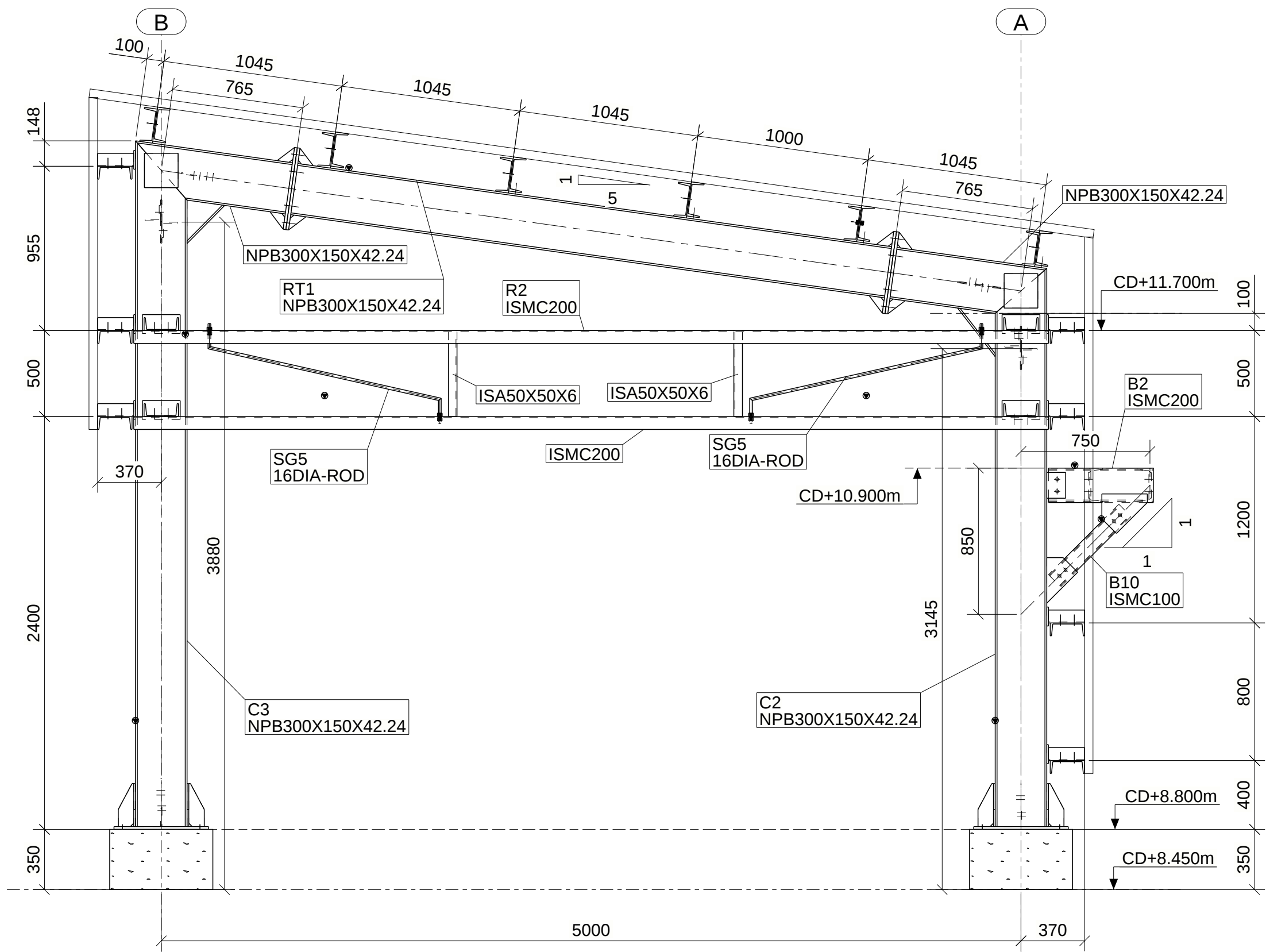
DATE: 02/03/25
NAME: SSC
TITLE: MARKING PLAN
FOR CHILLER+IA PACKAGE BUILDING

CHECKED: 05/03/25
APPROVED: 25/04/25
SCALE: N.T.S.

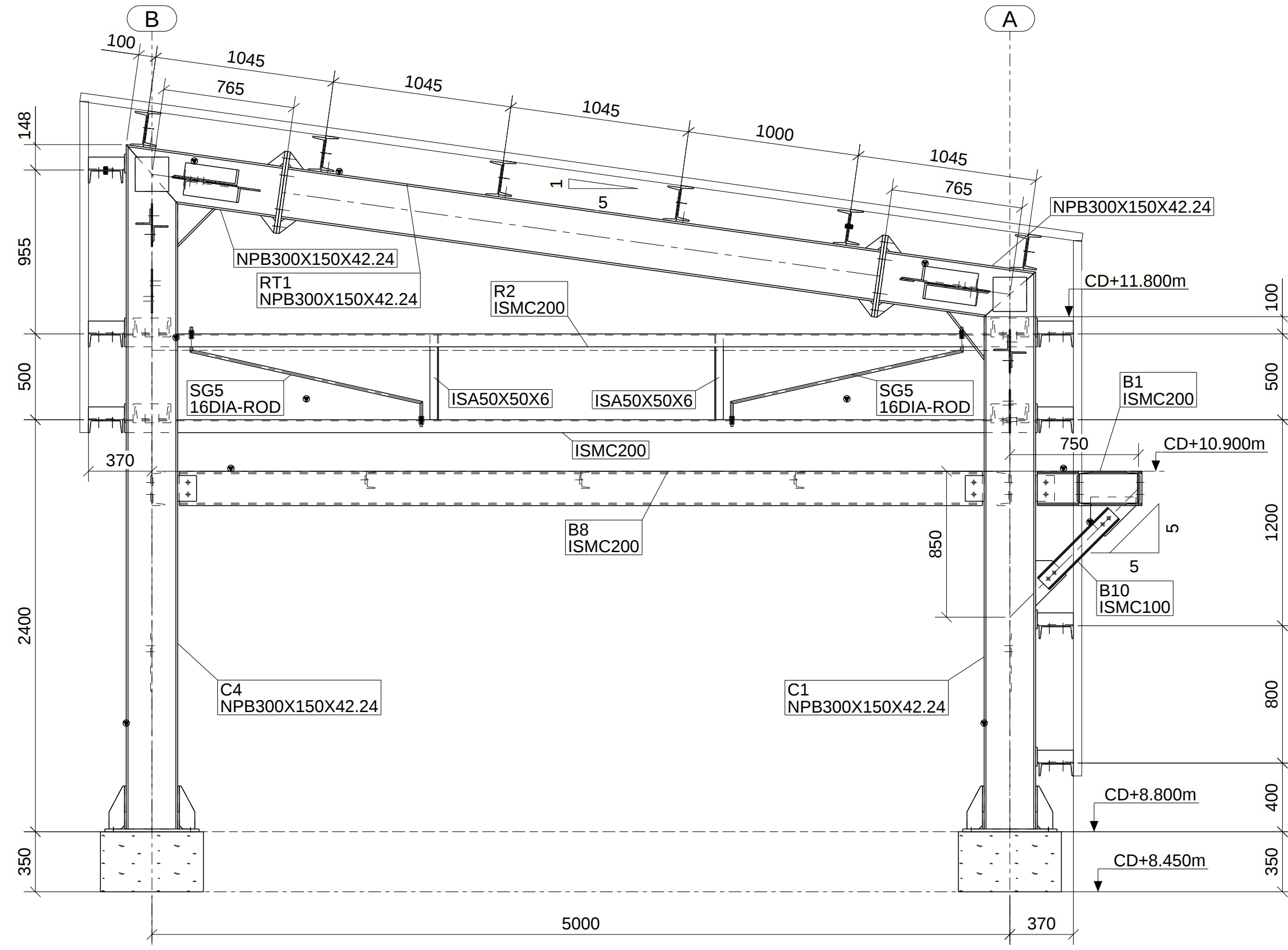
L&T DRG. NO.: LTEG0006-C-F-1002 GA2 SHEET 01 OF 00 REV. 00

AL (594mm x 841mm)

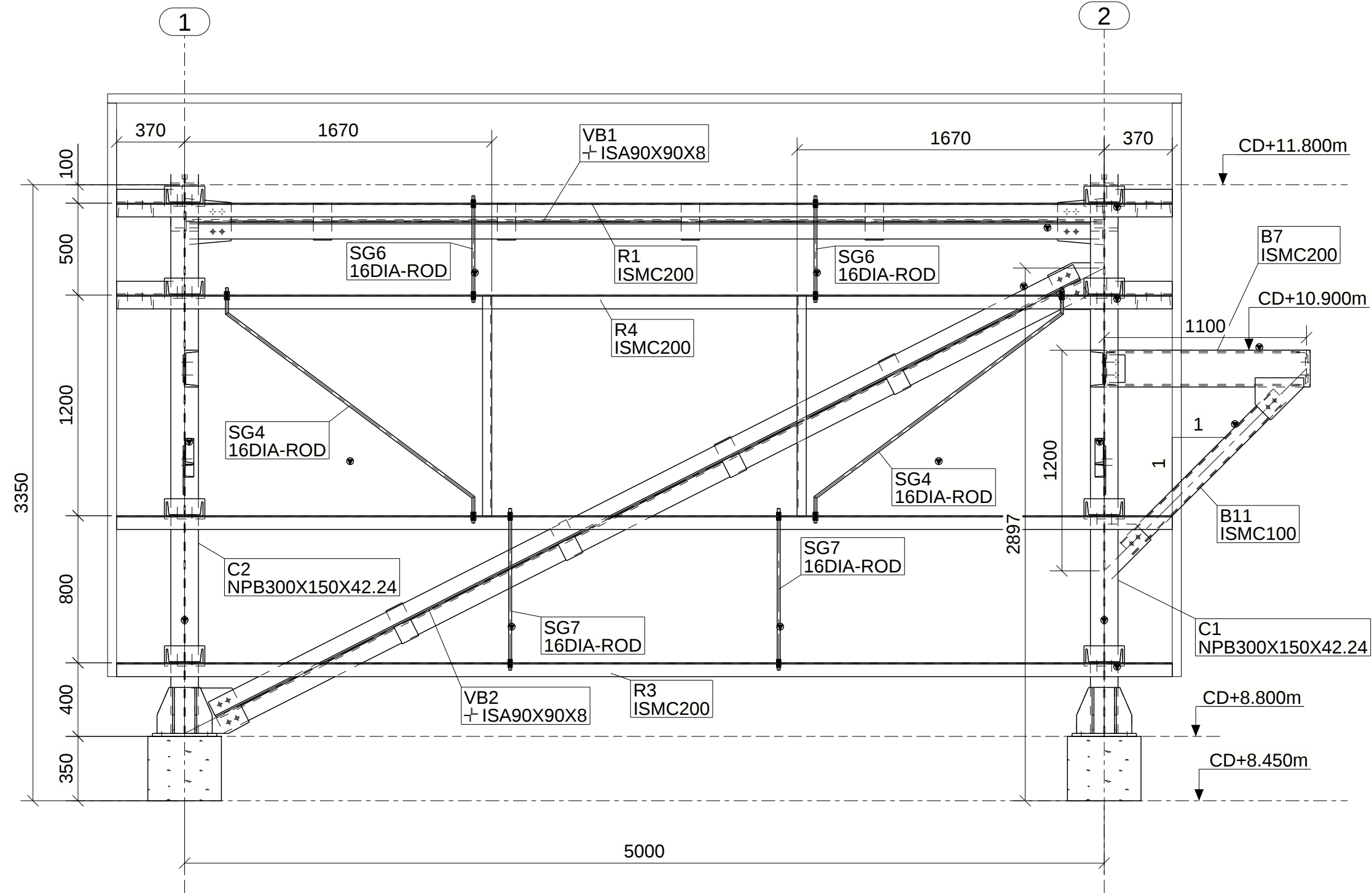
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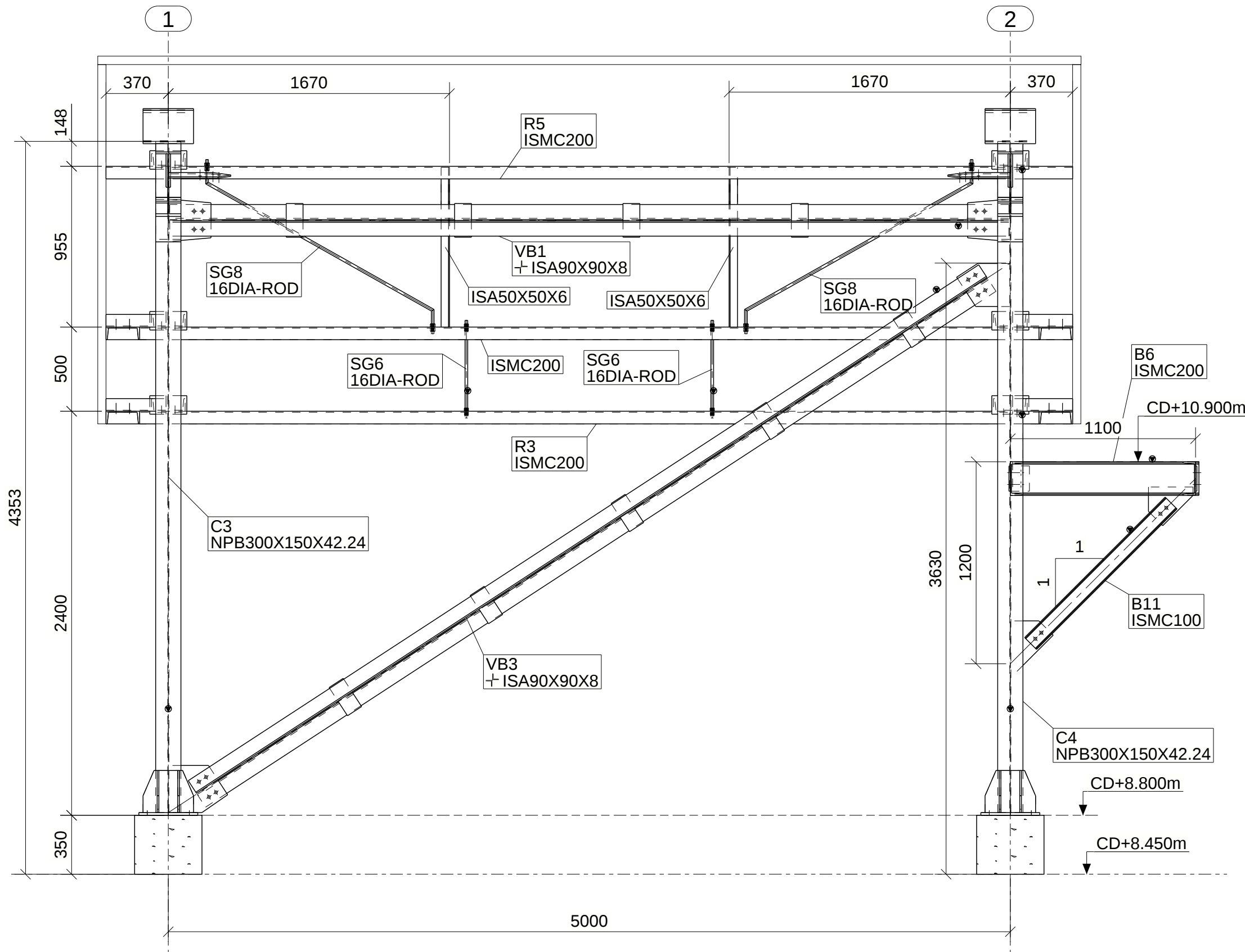
ELEVATION ON GRID-1
SCALE : 1:25



ELEVATION ON GRID-2
SCALE : 1:25



ELEVATION ON GRID-A
SCALE : 1:25



ELEVATION ON GRID-B
SCALE : 1:25

LEGENDS:

T.O.S - TOP OF STEEL
CD - CHART DATUM LEVEL
B.O.P - BOTTOM OF BASE PLATE

- ALL DIMENSIONS ARE IN MM & LEVEL IN METER.
- STRUCTURAL STEEL (GRADE - E250) SHALL CONFORM TO GRADE - A/B, SEMIKILLED / KILLED OF IS-2062. PLATES BEYOND 12 MM & UPTO 40 MM SHALL BE NORMALISED ROLLED. PLATES BEYOND 40 MM SHALL BE VACUUM DEGASSED & FURNACE NORMALISED.
- WELDING SHALL BE DONE ONLY BY APPROVED ELECTRODES CONFORMING TO IS: 814.
- ALL NUTS AND WASHER FOR HIGH STRENGTH BOLTS SHALL CONFORM TO IS: 8623 RESPECTIVELY.
- ALL CONNECTIONS BOLTS SHALL BE OF GALVANISED GRADE 8.8 CONFORMING TO IS: 1367.
- ALL WELD SHALL BE 6MM THICK UNLESS NOTED OTHERWISE. ALL WELDING SEAMS SHALL BE QUALIFIED TO ISO 5817 CLASS D.
- SPECIFICATION FOR SHEETING SHALL BE AS FOLLOWS:-
CORRUGATED GALVALUM SHEETS OF APPROVED COLOUR, "METACOLOR" OR EQUIVALENT FIXING HEADS, NEOPRENE WASHERS, INCLUDING LAPS AND SEALS IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
- FOR ROOFING SYSTEM, BASE METAL THICKNESS SHALL BE 0.5 MM.
- FOR SIDE CLADDING SYSTEM, BASE METAL THICKNESS SHALL BE 0.5 MM.
- FLASHING - BASE METAL THICKNESS 0.5MM (WITHOUT CORRUGATION).
- THE PAINTING FOR STRUCTURAL STEEL WORKS SHALL BE AS PER FOLLOWS:-
A) SURFACE PREPARATION - BLAST CLEANING OF STEEL SURFACES UP TO SA 2 ½ STANDARD.
B) PRIMER - INORGANIC ZINC SILICATE (65 DFT)
C) INTERMEDIATE COAT - 2ND COAT OF HB EPOXY MIO2 (100 DFT)
D) FINISH COAT - TWO PACK ACRYLIC POLYURETHANE PAINT (50 DFT)
E) TOTAL DFT AS 215 MICRONS (MINIMUM).

REFERENCE DRAWINGS:

DRAWING NO.	DRAWING TITLE
LTEG0006-C-D-0002	GENERAL NOTES
LTEG0006-C-F-0005	CHILLER + IA PACKAGE BUILDING-NUMERATION AND RCC DRAWING FOR FOUNDATION
LTEG0006-C-F-0006	CHILLER + IA PACKAGE BUILDING-STRUCTURAL STEEL GA DRAWING FOR SUPERSTRUCTURE

HOLD LIST:

00	25/04/25	ISSUE FOR CONSTRUCTION	SSC	MA	IB
REV.	DATE	DESCRIPTION	PPD	CHD	APPD

STAMP:

PROJECT: 1MW GH2 PLANT - DPA, KANDLA

OWNER:  DEENDAYAL PORT AUTHORITY, KANDLA

EPC CONTRACTOR:  L&T Energy GreenTech

COUSTOMER DOC. NO.:
VENDOR DRG. NO.: LTEG0006-C-F-1002

DATE: 02/03/25
NAME: SSC
TITLE: MARKING ELEVATION FOR CHILLER+IA PACKAGE BUILDING

CHECKED: 05/03/25
MA

APPROVED: 25/04/25
IB

SCALE: N.T.S.

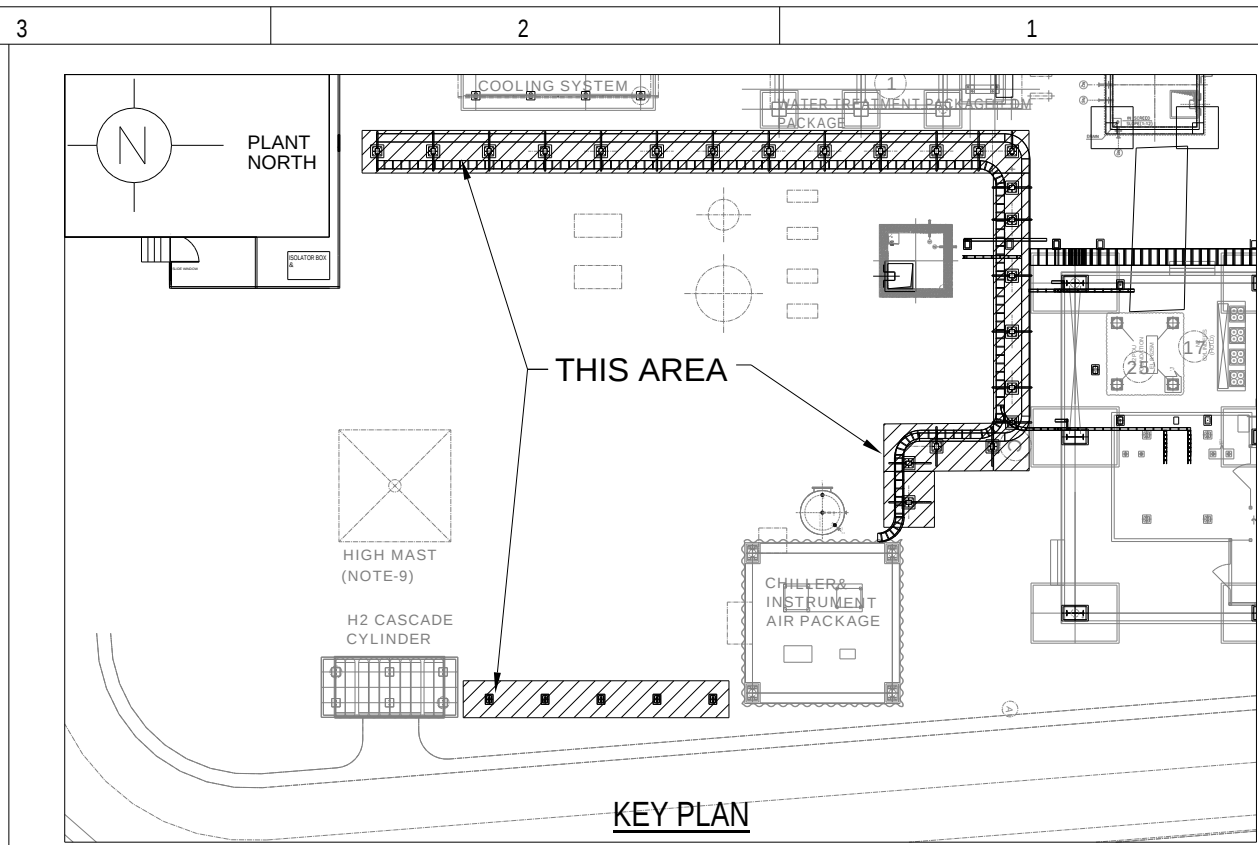
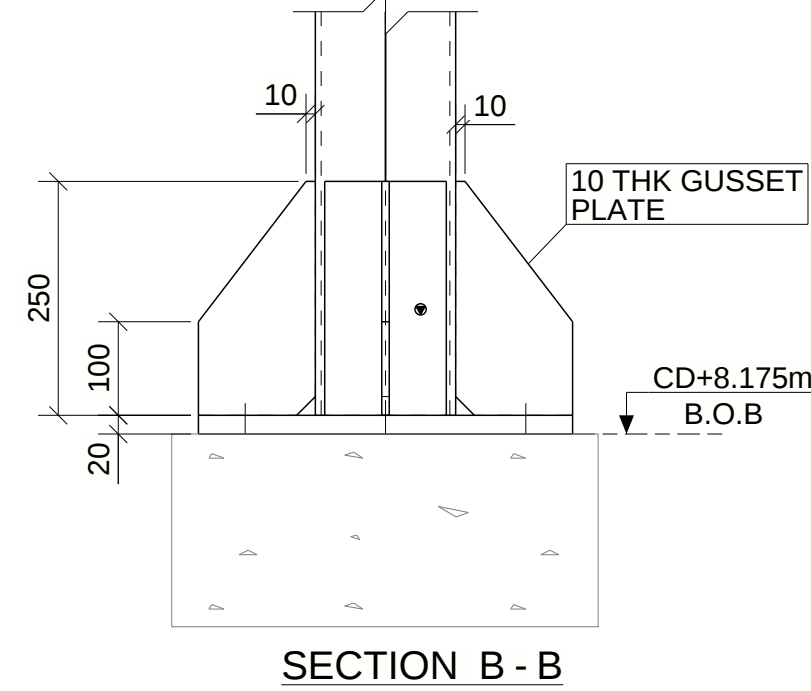
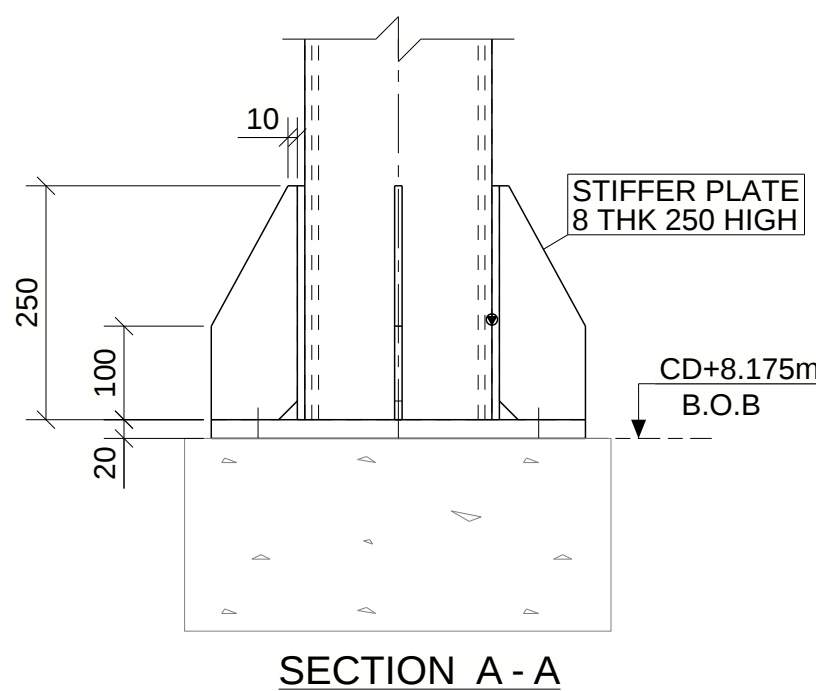
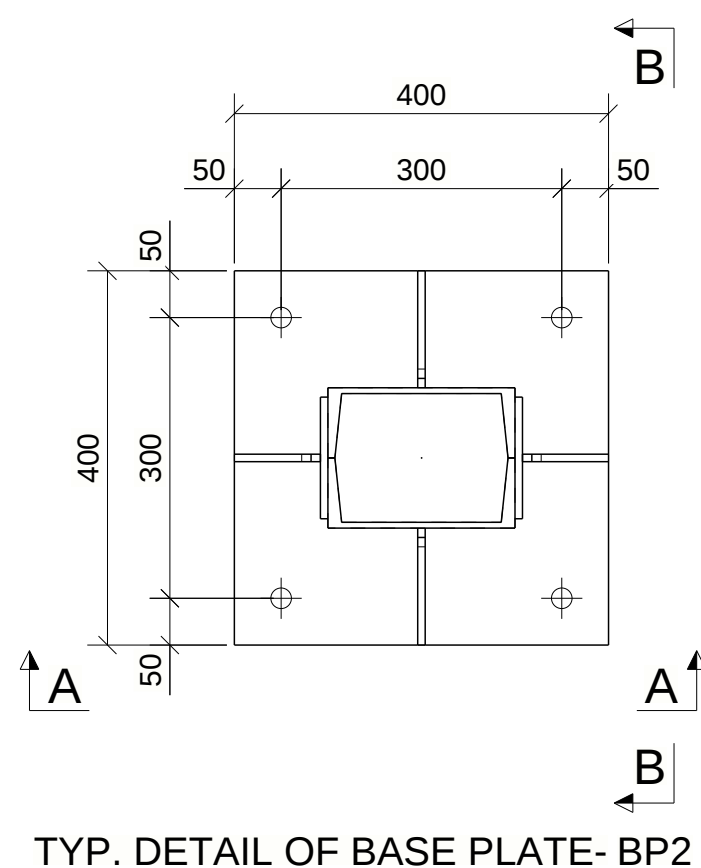
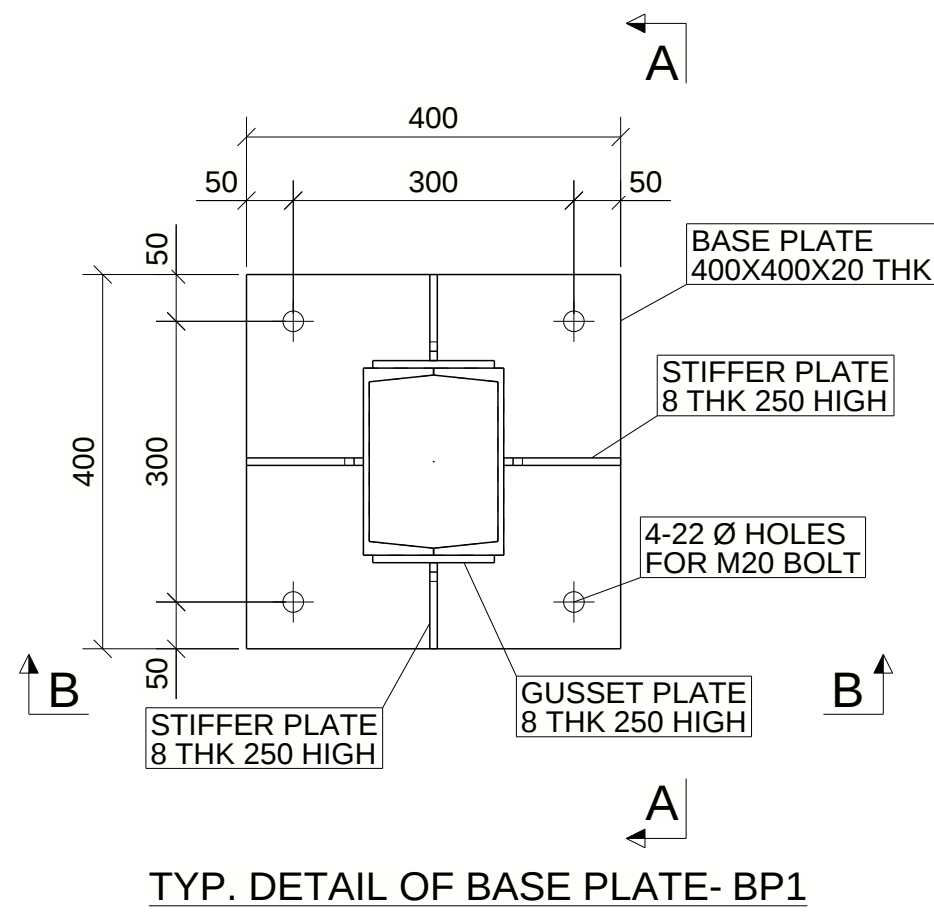
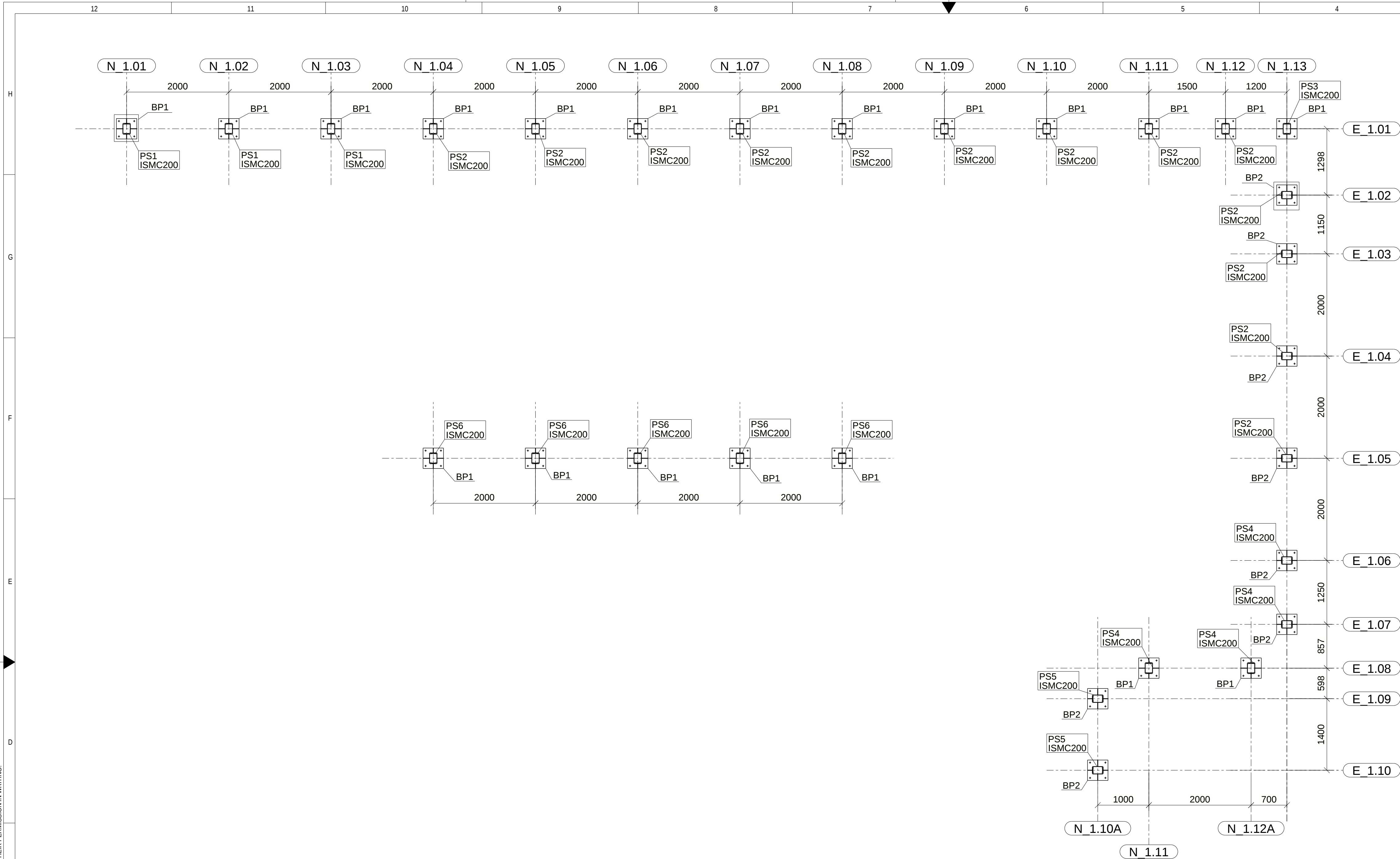
L&T DRG. NO.: LTEG0006-C-F-1002 GA3

SHEET 1 OF 00

AL (594mm x 841mm)

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TEMA Structures



- LEGENDS:
- T.O.S - TOP OF STEEL
 - CD - CHART DATUM LEVEL
 - B.O.B - BOTTOM OF BASE PLATE
 - T.O.P - TOP OF PAVEMENT
1. ALL DIMENSIONS ARE IN MM & LEVEL IN METER.
2. STRUCTURAL STEEL (GRADE : E250) SHALL CONFORM TO GRADE -A/B. SEMIKILLED / KILLED OFIS-2062. PLATES BEYOND 12 MM & UPTO 40 MM SHALL BE NORMALISED ROLLED. PLATES BEYOND 40 MM SHALL BE VACUUM DEGASSED & FURNACE NORMALISED.
3. WELDING SHALL BE DONE ONLY BY APPROVED ELECTRODES CONFORMING TO IS: 814.
4. ALL NUTS AND WASHER FOR HIGH STRENGTH BOLTS SHALL CONFORM TO IS: 5623 RESPECTIVELY.
5. ALL CONNECTIONS BOLTS SHALL BE OF GALVANISED GRADE 8.8 CONFORMING TO IS: 1367.
6. ALL WELD SHALL BE 6MM THICK UNLESS NOTED OTHERWISE. ALL WELDING SEAMS SHALL BE QUALIFIED TO ISO 5817 CLASS D.
7. THE PAINTING FOR STRUCTURAL STEEL WORKS SHALL BE AS PER FOLLOWS -
- A) SURFACE PREPARATION - BLAST CLEANING OF STEEL SURFACES UP TO SA 2 ½ STANDARD.
 - B) PRIMER- INORGANIC ZINC SILICATE (65 DFT)
 - C) INTERMEDIATE COAT- 2ND COAT OF HB EPOXY MIO2(100 DFT)
 - D) FINISH COAT-TWO PACK ACRYLIC POLYURETHENE PAINT (50 DFT)
 - E) TOTAL DFT AS 215 MICRONS (MINIMUM).

REFERENCE DRAWINGS:	
DRAWING NO.	DRAWING TITLE
LTEG0006-C-D-0002	GENERAL NOTES
LTEG0006-C-F-0005	CHILLER + IA PACKAGE BUILDING-NUMERATION AND RCC DRAWING FOR FOUNDATION
LTEG0006-C-F-0009	PIPE AND CABLE RACK- STRUCTURAL STEEL GA DRAWING FOR SUPERSTRUCTURE

HOLD LIST:

00	28/04/25	ISSUE FOR CONSTRUCTION	SSC	MA	IB
REV.	DATE	DESCRIPTION	PPD	CHD	APPD

STAMP:

PROJECT: 1MW GH2 PLANT - DPA, KANDLA

OWNER: DEENDAYAL PORT AUTHORITY, KANDLA

EPC CONTRACTOR: L&T Energy GreenTech

COUSTOMER DOC. NO.:
VENDOR DRG. NO.: LTEG0006-C-F-1003

	DATE	NAME	TITLE:
PREPARED	25/04/25	SSC	MARKING PLAN OF COLUMN BASE LVL. AT CD.+8.175m. FOR PIPE AND CABLE RACK
CHECKED	26/04/25	MA	
APPROVED	28/04/25	IB	
SCALE	N.T.S.		

L&T DRG. NO.: LTEG0006-C-F-1003 GA1

SHEET OF REV. 00

AL (594mm x 841mm)

