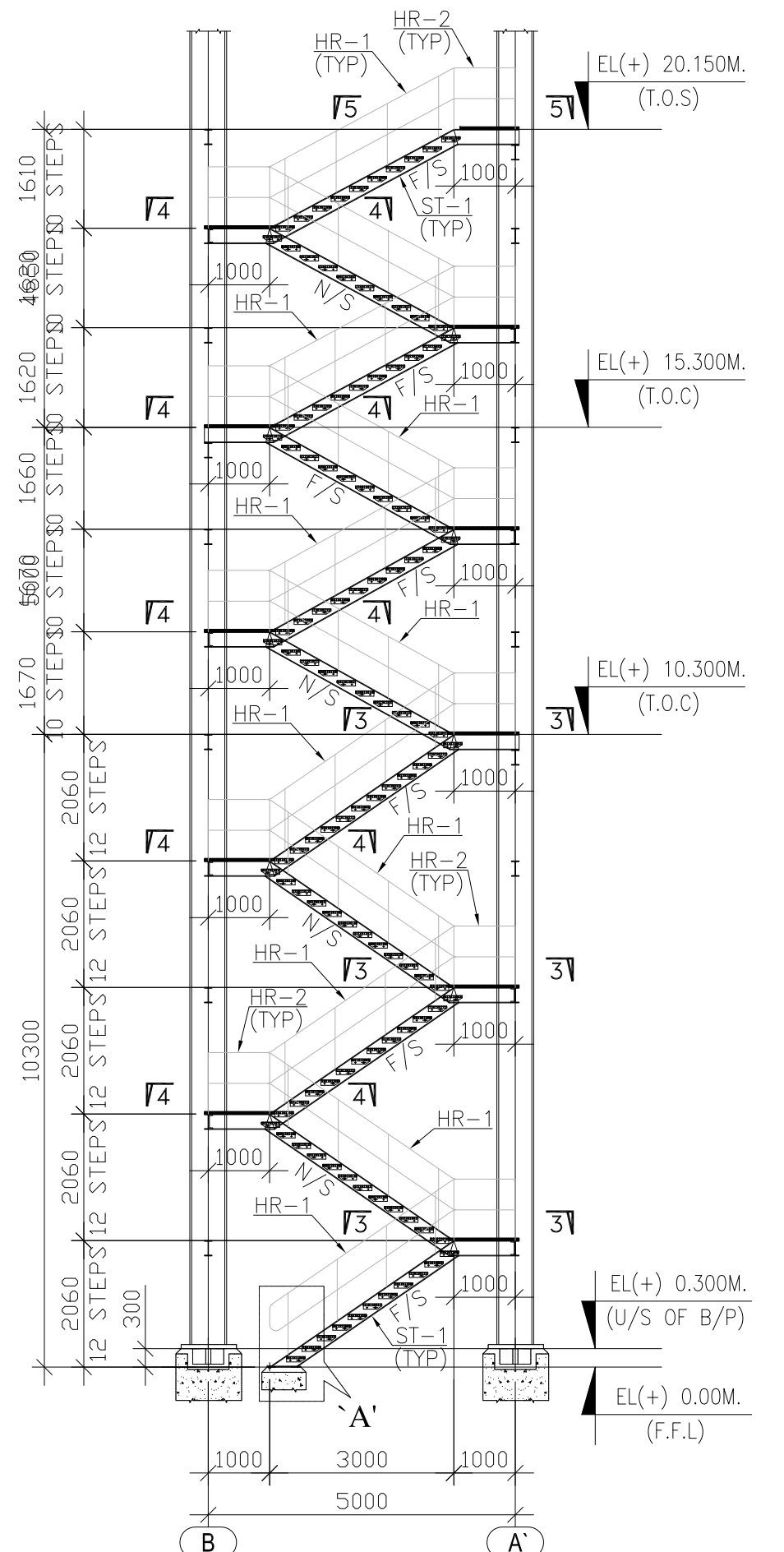
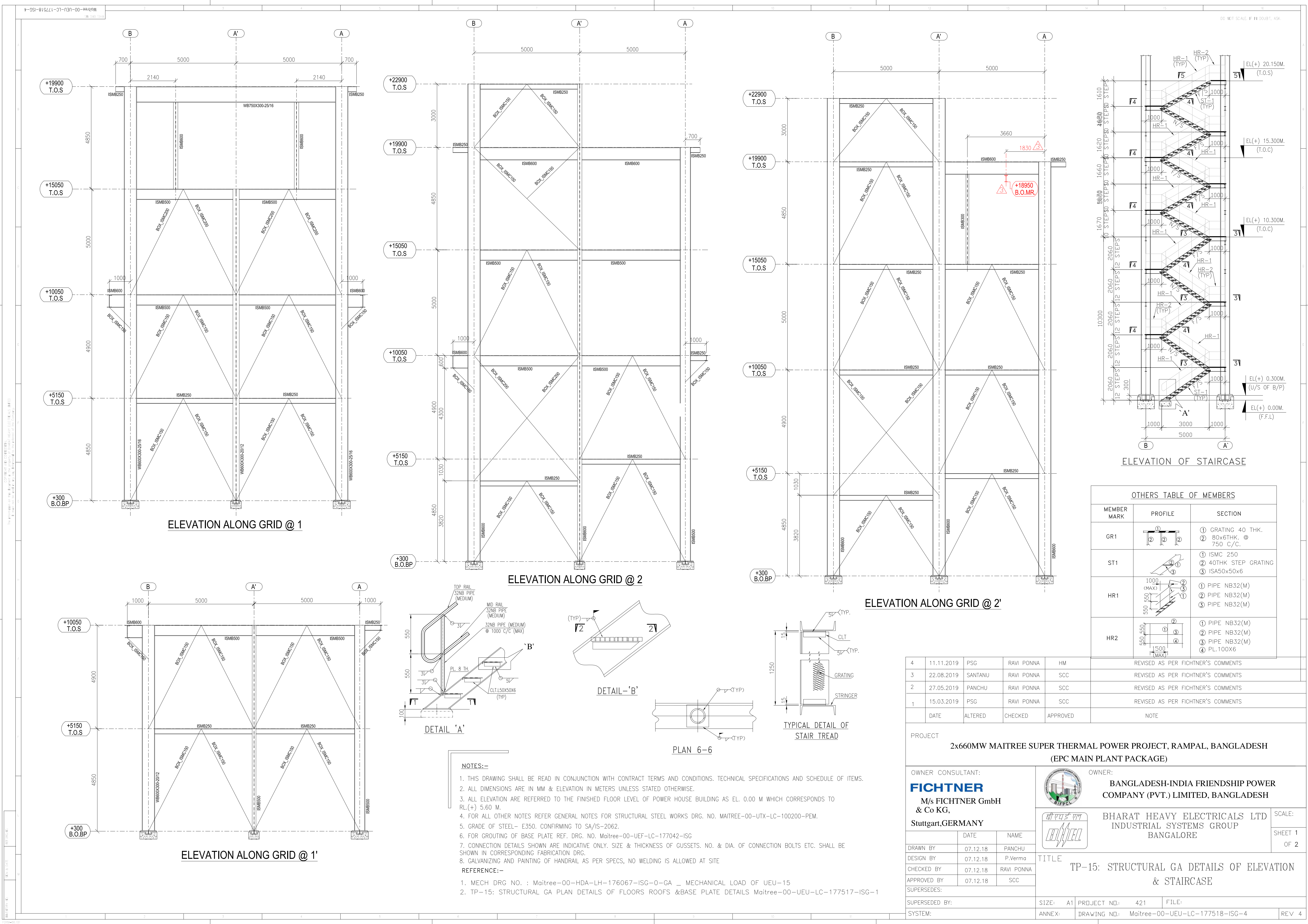




ELEVATION OF STAIRCASE

OTHERS TABLE OF MEMBERS		
MEMBER MARK	PROFILE	SECTION
GR1		① GRATING 40 THK. ② 80x6THK. @ 750 C/C.
ST1		① ISMC 250 ② 40THK STEP GRATING ③ ISA50x50x6
HR1		① PIPE NB32(M) ② PIPE NB32(M) ③ PIPE NB32(M)
HR2		① PIPE NB32(M) ② PIPE NB32(M) ③ PIPE NB32(M) ④ PL.100X6

4	11.11.2019	PSG	RAVI PONNA	HM	REVISED AS PER FICHTNER'S COMMENTS
3	22.08.2019	SANTANU	RAVI PONNA	SCC	REVISED AS PER FICHTNER'S COMMENTS
2	27.05.2019	PANCHU	RAVI PONNA	SCC	REVISED AS PER FICHTNER'S COMMENTS
1	15.03.2019	PSG	RAVI PONNA	SCC	REVISED AS PER FICHTNER'S COMMENTS
	DATE	ALTERED	CHECKED	APPROVED	NOTE

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

OWNER CONSULTANT:
FICHTNER
M/s FICHTNER GmbH & Co KG,
Stuttgart,GERMANY

OWNER:
BANGLADESH-INDIA FRIENDSHIP POWER COMPANY (PVT.) LIMITED, BANGLADESH
BHARAT HEAVY ELECTRICALS LTD INDUSTRIAL SYSTEMS GROUP BANGALORE

DRAWN BY: 07.12.18 PANCHU
DESIGN BY: 07.12.18 P.Verma
CHECKED BY: 07.12.18 RAVI PONNA
APPROVED BY: 07.12.18 SCC

DATE: 07.12.18
NAME: SCC

SIZE: A1
PROJECT NO.: 421
FILE:

ANNEX: DRAWING NO.: Maitree-00-UEU-LC-177518-1SG-4
REV 4

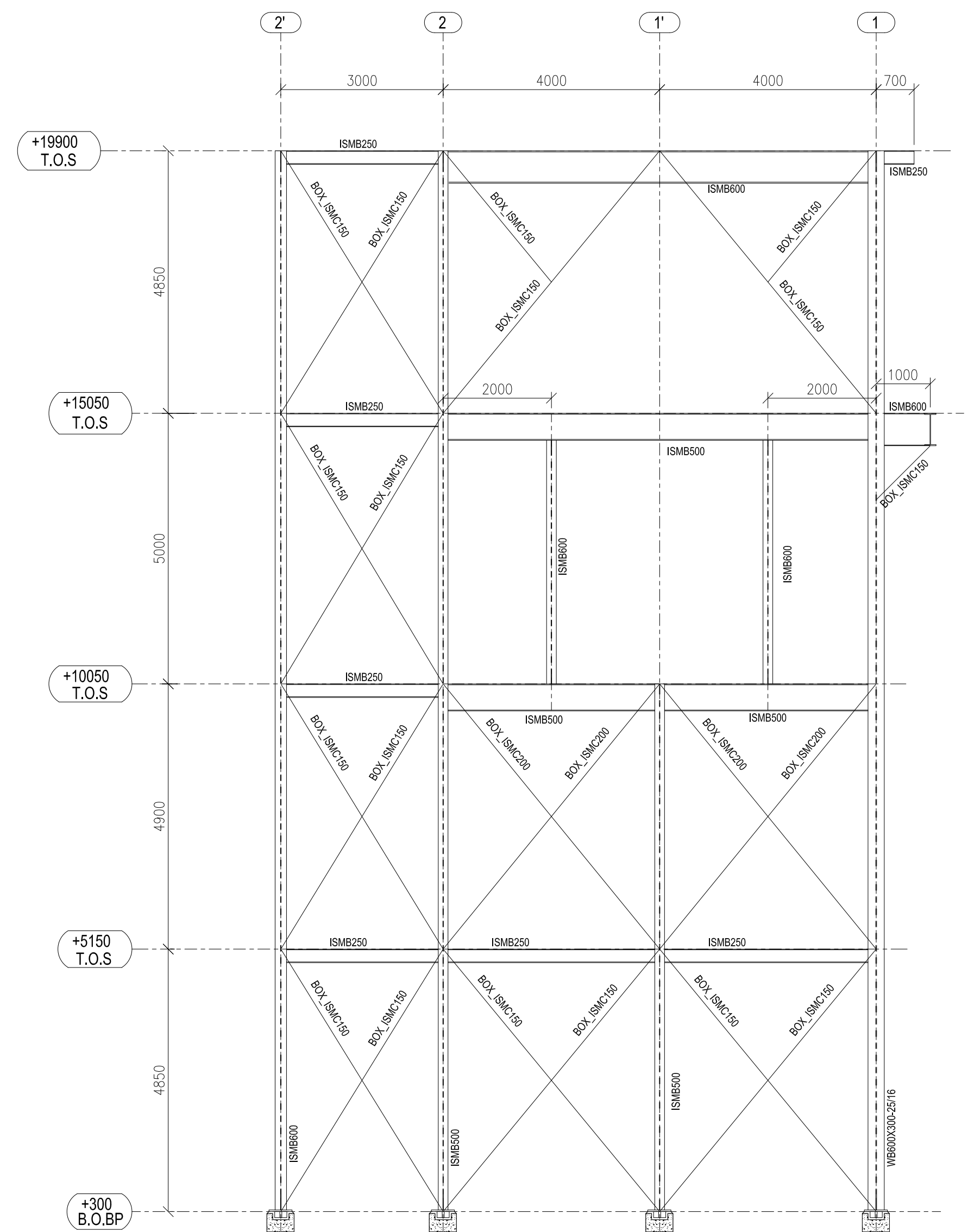
TITLE
TP-15: STRUCTURAL GA DETAILS OF ELEVATION & STAIRCASE

NOTES:-

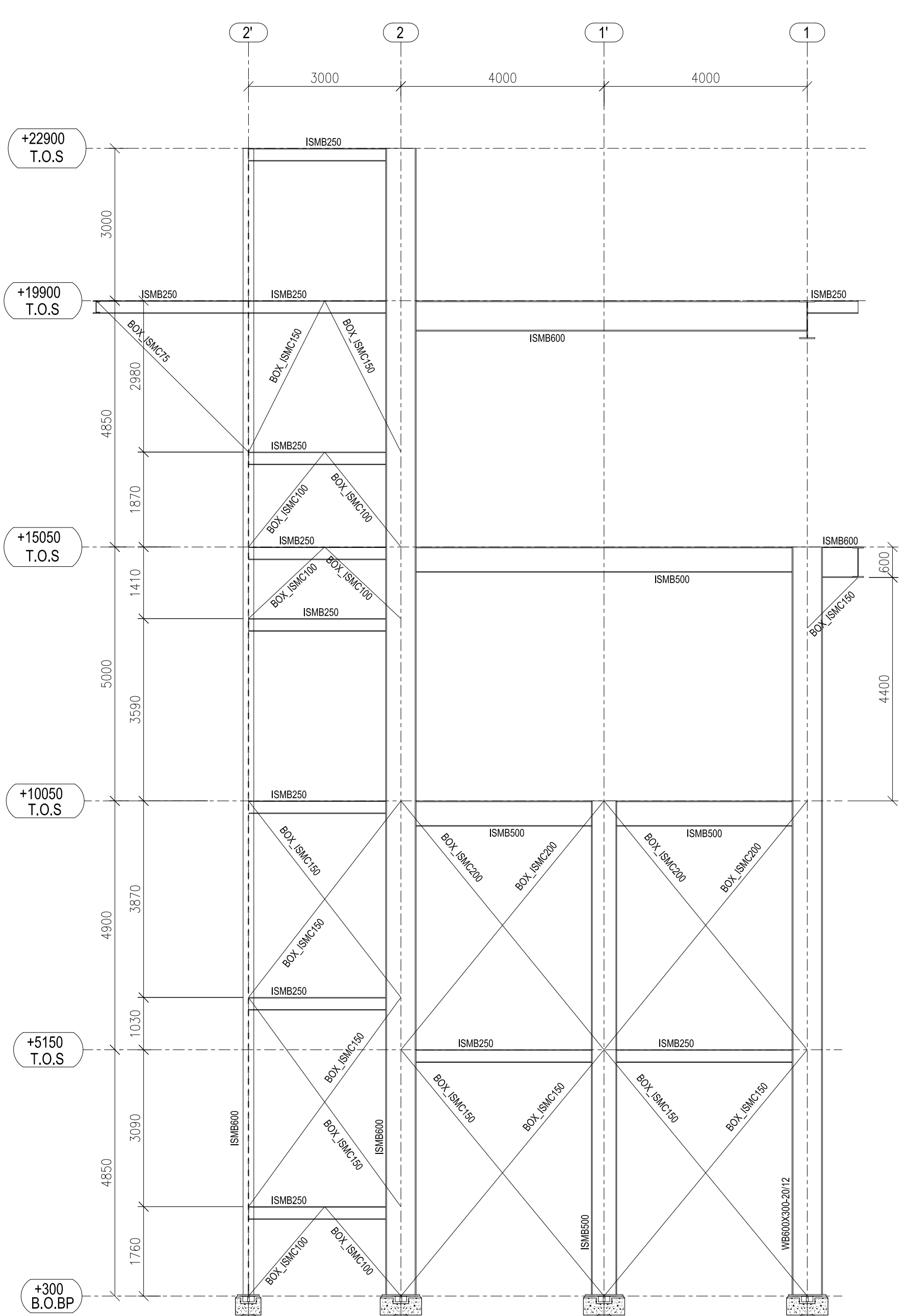
- THIS DRAWING SHALL BE READ IN CONJUNCTION WITH CONTRACT TERMS AND CONDITIONS. TECHNICAL SPECIFICATIONS AND SCHEDULE OF ITEMS.
- ALL DIMENSIONS ARE IN MM & ELEVATION IN METERS UNLESS STATED OTHERWISE.
- ALL ELEVATION ARE REFERRED TO THE FINISHED FLOOR LEVEL OF POWER HOUSE BUILDING AS EL. 0.00 M WHICH CORRESPONDS TO RL.(+) 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, CONFIRMING TO SA/IS-2062.
- FOR GROUTING OF BASE PLATE REF. DRG. NO. Maitree-00-UEF-LC-177042-1SG
- CONNECTION DETAILS SHOWN ARE INDICATIVE ONLY. SIZE & THICKNESS OF GUSSETS. NO. & DIA. OF CONNECTION BOLTS ETC. SHALL BE SHOWN IN CORRESPONDING FABRICATION DRG.
- GALVANIZING AND PAINTING OF HANDRAIL AS PER SPECS, NO WELDING IS ALLOWED AT SITE

REFERENCE:-

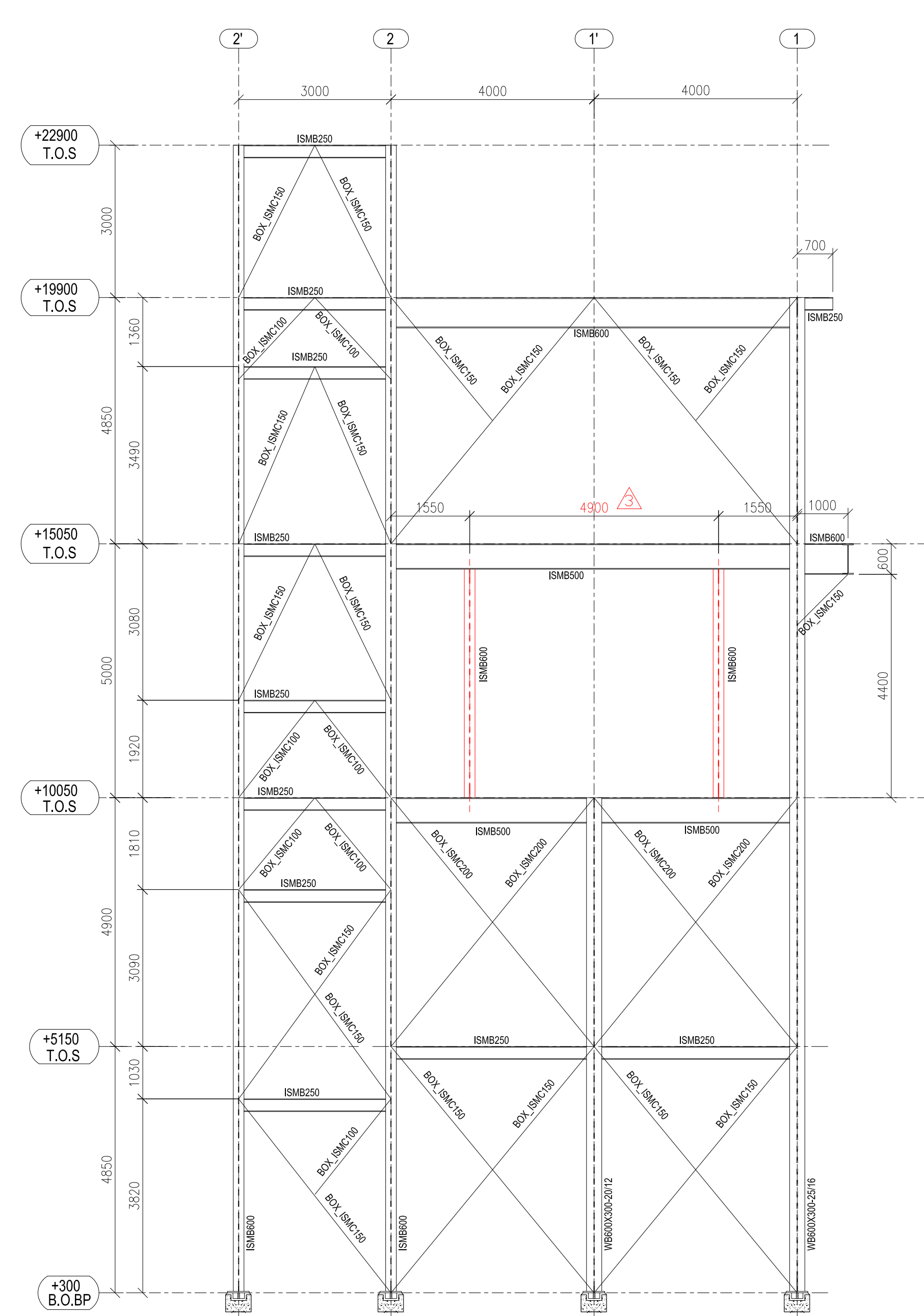
- MECH DRG NO. : Maitree-00-HDA-LH-176067-1SG-0-GA _ MECHANICAL LOAD OF UEU-15
- TP-15: STRUCTURAL GA PLAN DETAILS OF FLOORS ROOFS &BASE PLATE DETAILS Maitree-00-UEU-LC-177517-1SG-1



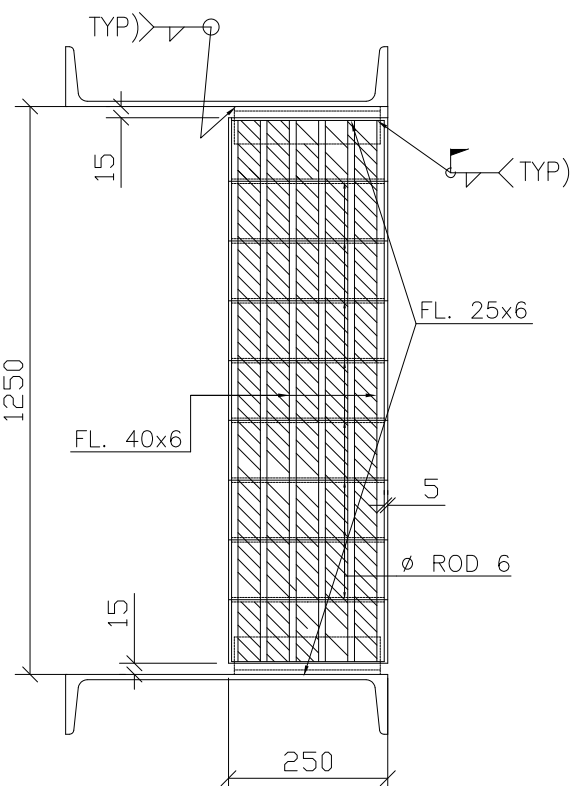
ELEVATION ALONG GRID @ A



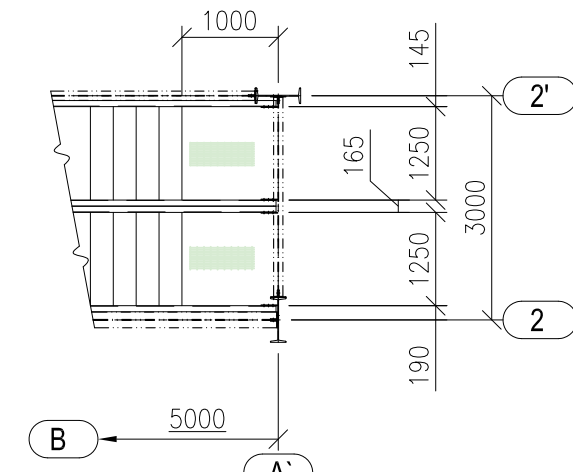
ELEVATION ALONG GRID @ A'



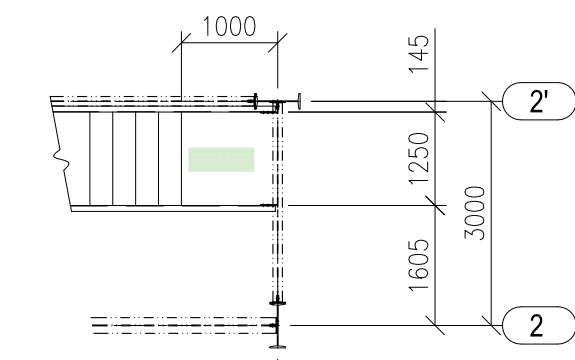
ELEVATION ALONG GRID @ B



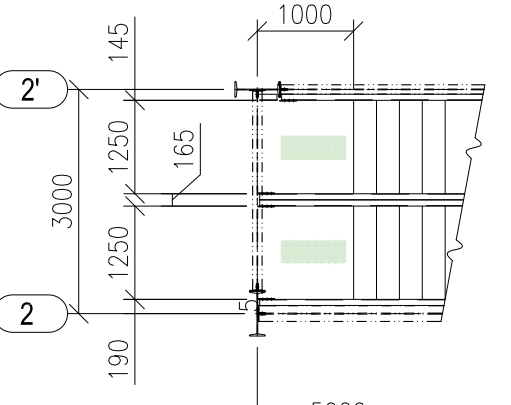
SECTION 2-2



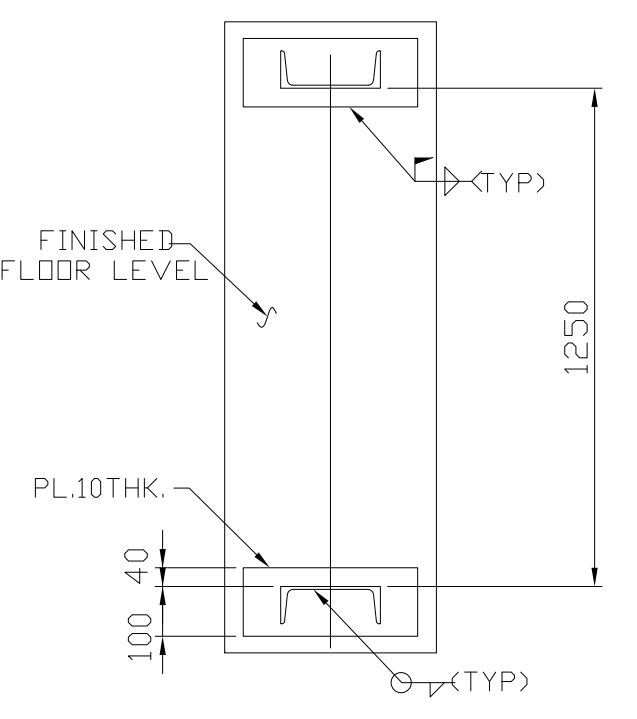
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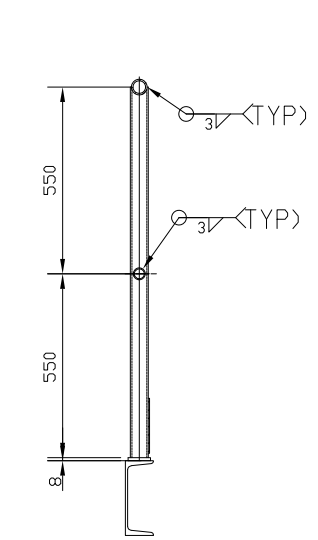
SECTION 5-5



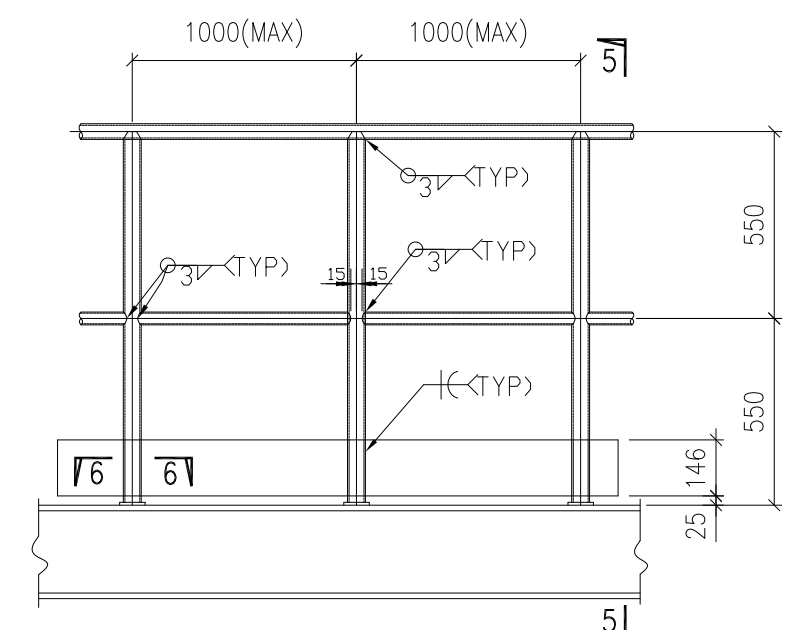
SECTION 4-4



SECTION 1-1



SECTION 5-5



TYP. DETAIL OF HANDRAIL

- NOTES:-
- THIS DRAWING SHALL BE READ IN CONJUNCTION WITH CONTRACT TERMS AND CONDITIONS, TECHNICAL SPECIFICATIONS AND SCHEDULE OF ITEMS.
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 - 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.
 - FOR ALL OTHER NOTES REFER GENERAL NOTES FOR STRUCTURAL STEEL WORKS DRG. NO. MAITREE-00-UTX-LC-100200-PEM.
 - GRADE OF STEEL- E350. CONFIRMING TO SA/IS-2062.
 - FOR GROUTING OF BASE PLATE REF. DRG. NO. Maitree-00-UEF-LC-177042-ISC
 - CONNECTION DETAILS SHOWN ARE INDICATIVE ONLY. SIZE & THICKNESS OF GUSSETS, NO. & DIA. OF CONNECTION BOLTS ETC. SHALL BE SHOWN IN CORRESPONDING FABRICATION DRG.
 - GALVANIZING AND PAINTING OF HANDRAIL AS PER SPECS, NO WELDING IS ALLOWED AT SITE
- REFERENCE:-
- MECH DRG NO. : Maitree-00-HDA-LH-176067-ISC-0-GA _ MECHANICAL LOAD OF UEU-15
 - TP-15: STRUCTURAL GA PLAN DETAILS OF FLOORS ROOFS &BASE PLATE DETAILS Maitree-00-UEU-LC-177517-ISC-1

4	11.11.2019	PSG	RAVI PONNA	HM	REVISED AS PER FICHTNER'S COMMENTS
3	22.08.2019	SANTANU	RAVI PONNA	SCC	REVISED AS PER FICHTNER'S COMMENTS
2	27.05.2019	PANCHU	RAVI PONNA	SCC	REVISED AS PER FICHTNER'S COMMENTS
1	15.03.2019	PSG	RAVI PONNA	SCC	REVISED AS PER FICHTNER'S COMMENTS
	DATE	ALTERED	CHECKED	APPROVED	NOTE

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

OWNER CONSULTANT:
FICHTNER
M/s FICHTNER GmbH
& Co KG,
Stuttgart,GERMANY

OWNER:
BANGLADESH-INDIA FRIENDSHIP POWER
COMPANY (PVT.) LIMITED, BANGLADESH
BHARAT HEAVY ELECTRICALS LTD
INDUSTRIAL SYSTEMS GROUP
BANGALORE

DRAWN BY: 07.12.18 PANCHU
DESIGN BY: 07.12.18 P.VERMA/DESAI
CHECKED BY: 07.12.18 RAVI PONNA
APPROVED BY: 07.12.18 SCC

SIZE: A1
PROJECT NO.: 421
FILE:
ANNEX:
DRAWING NO.: Maitree-00-UEU-LC-177518-ISC-4

TITLE
TP-15: STRUCTURAL GA DETAILS OF ELEVATION
& STAIRCASE

SHEET 2
OF 2

REV 4