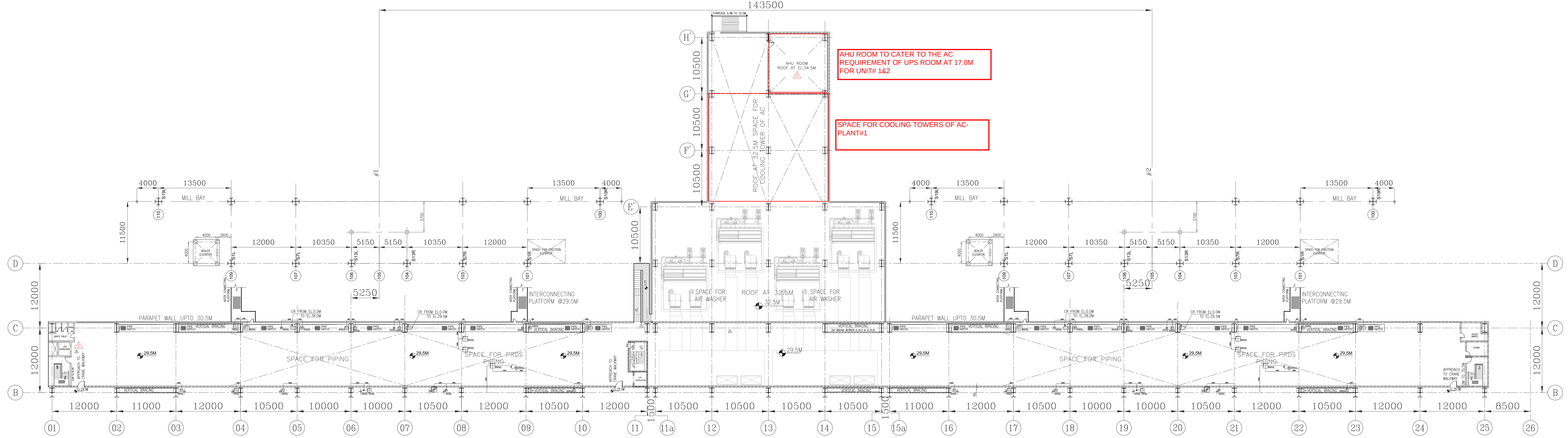
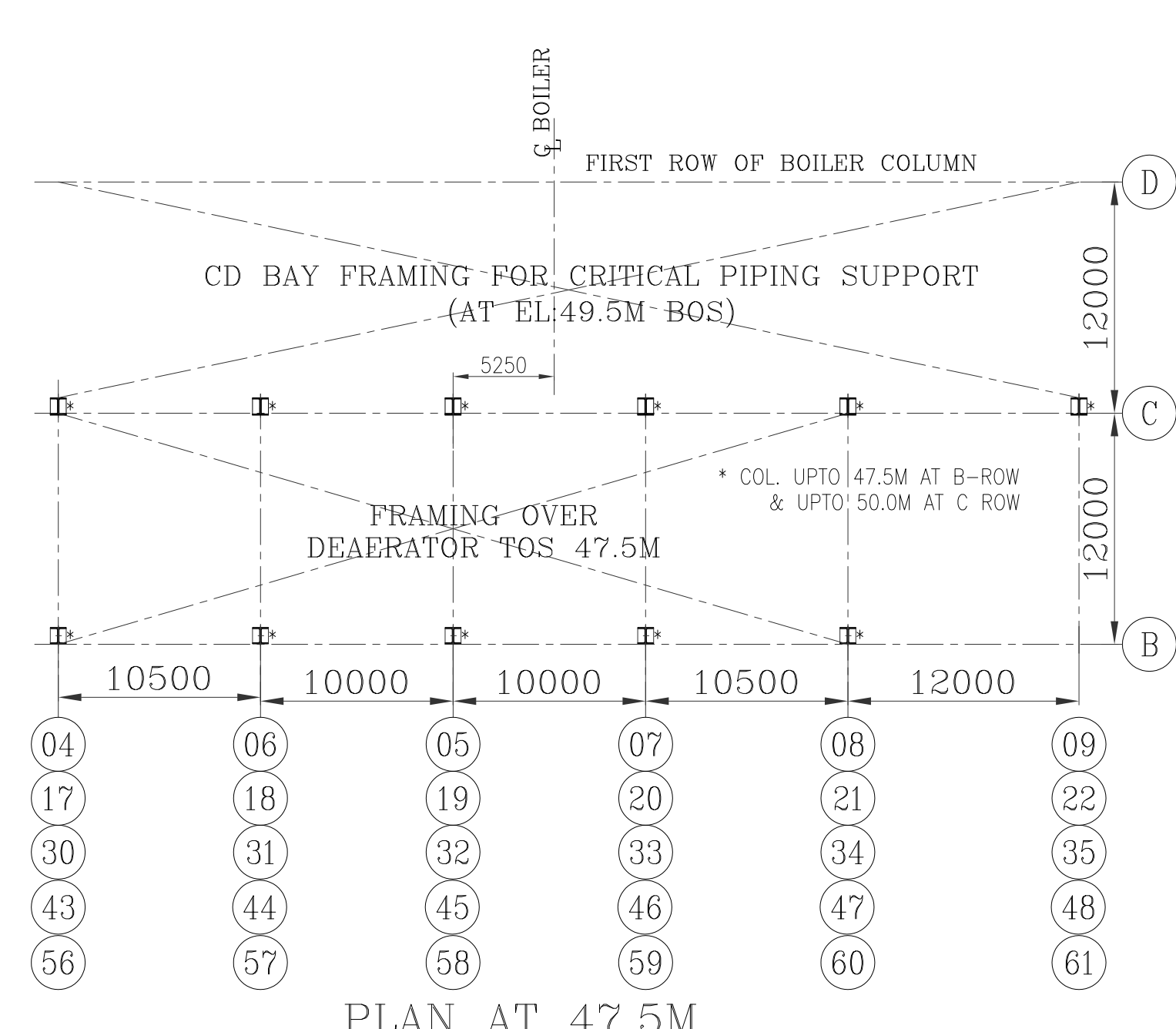
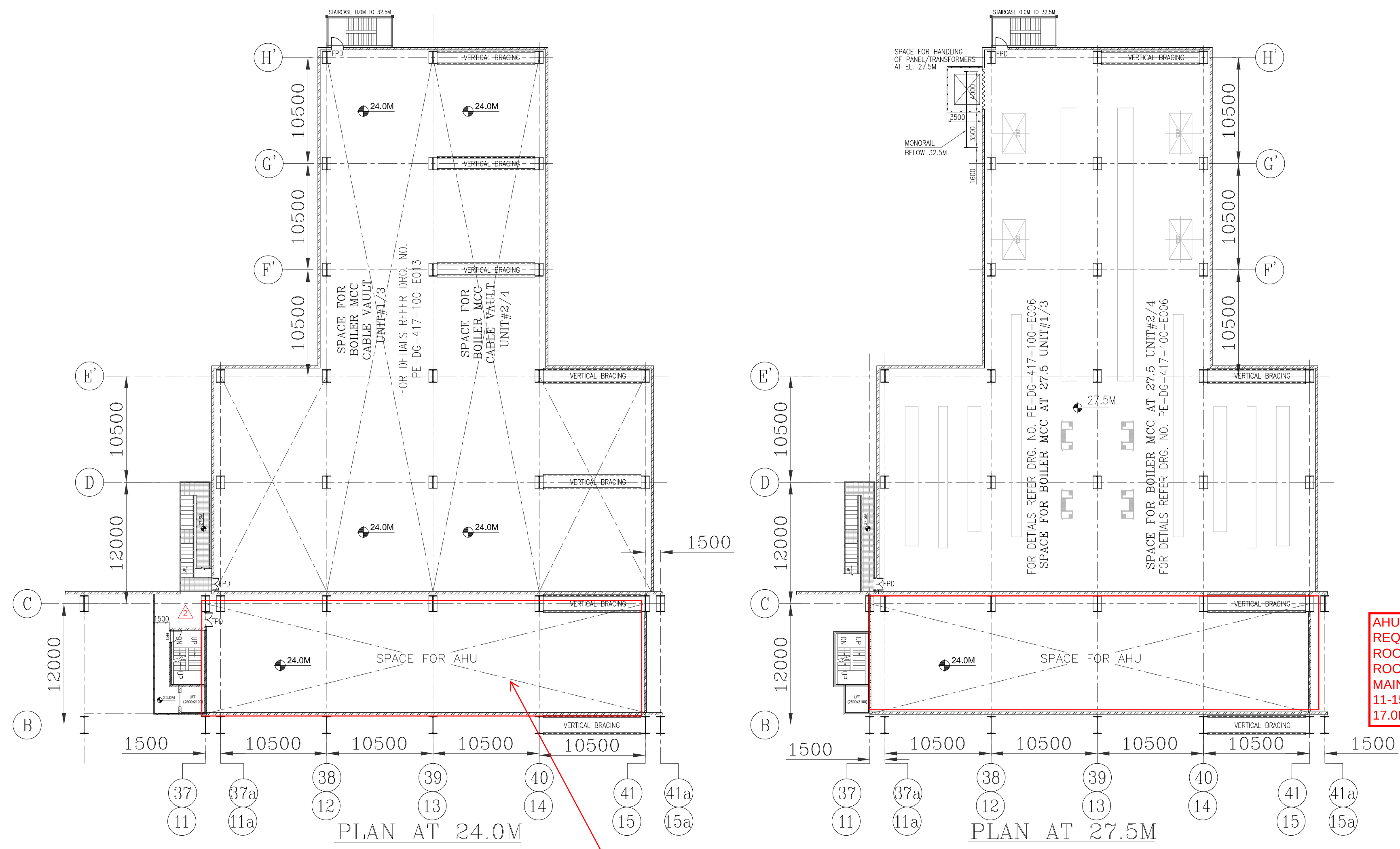


PLAN AT 35.5M



PLAN AT 29.5M



AHU ROOM TO CATER TO THE AC REQUIREMENT OF CONTROL EQUIPMENT ROOM, COMPUTER ROOM, CONFERENCE ROOM, CENTRAL CONTROL ROOM, C&I MAINTENANCE ROOM OF UNIT #1 &2 (GRID 11-15A) AND UNIT #3 &4 (GRID 37-41A) AT 17.0M

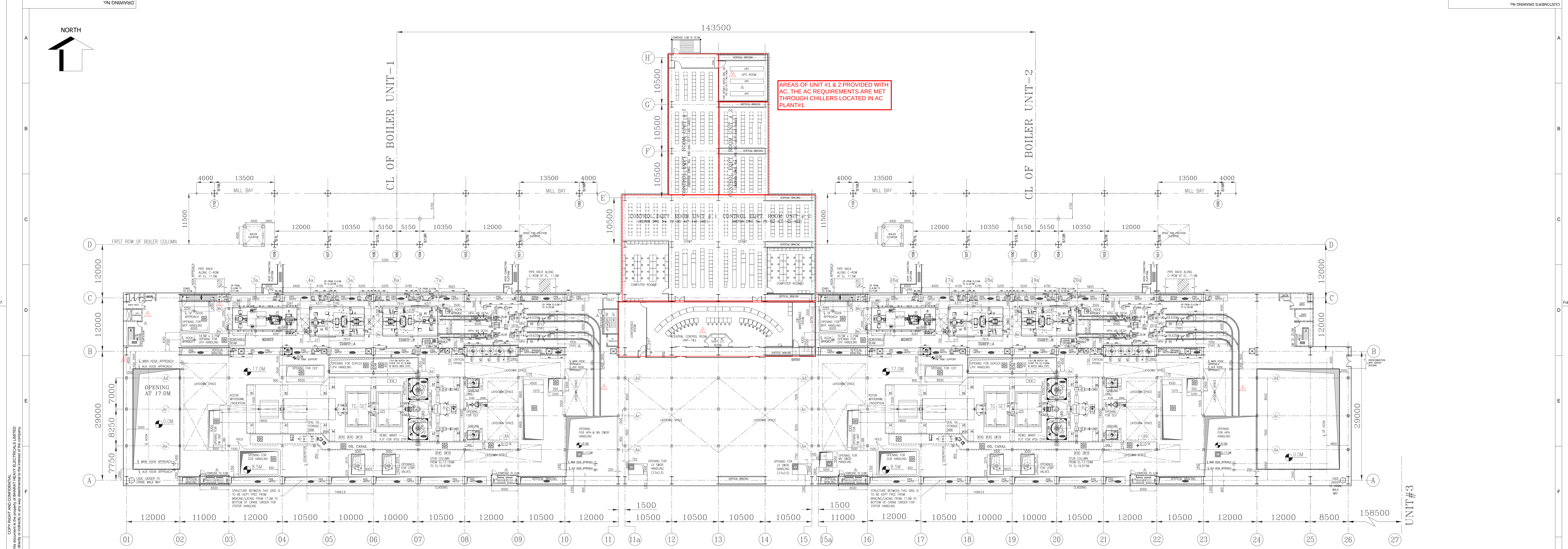
AHU ROOM TO CATER TO THE AC REQUIREMENT OF CONTROL EQUIPMENT ROOM, COMPUTER ROOM, CONFERENCE ROOM, CENTRAL CONTROL ROOM, C&I MAINTENANCE ROOM OF UNIT #1 &2 (GRID 11-15A) AND UNIT #3 &4 (GRID 37-41A) AT 17.0M

NOTES:
1. FOR NOTES REFER DRG. PE-DG-417-100-M004 SHEET-02.

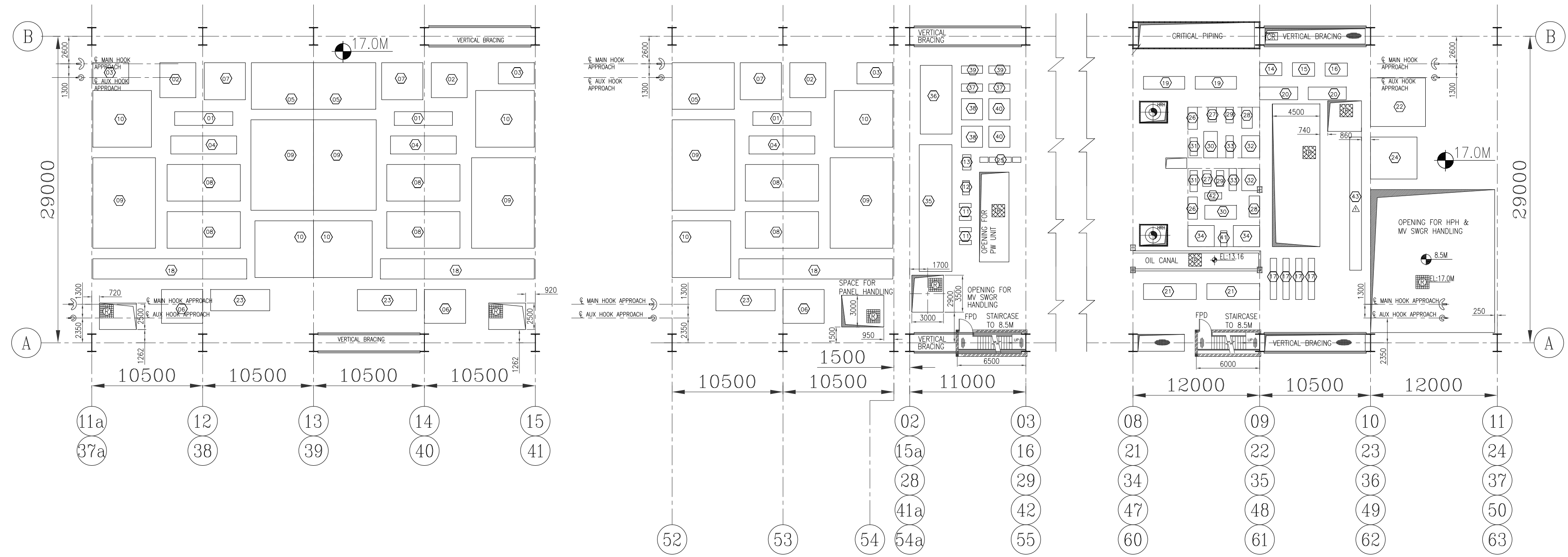
FOR TENDER PURPOSE ONLY

REV.	DATE	ALTD	CHD	APPD	REV.	DATE	ALTD	CHD	APPD	REV.	DATE	ALTD	CHD	APPD	REV.	DATE	ALTD	CHD	APPD
01	21.08.2018				02	21.08.2018				03	21.08.2018				04	21.08.2018			
1. DRAWING REVISED IN LINE WITH CUSTOMER COMMENTS.										1. DRAWING REVISED IN LINE WITH CUSTOMER COMMENTS.									
2. OTHER CHANGES AS MARKED. 										2. OTHER CHANGES AS MARKED. 									

JOB NO. 417		STATUS CONTRACT		DISTRIBUTION			
CUSTOMER: TELANGANA STATE POWER GENERATION CORPORATION LTD		CONSULTANT: TATA CONSULTING ENGINEERS LIMITED		Bharat Heavy Electricals Ltd			
TELANGANA, INDIA		BANGALORE, INDIA		POWER SECTOR			
5x800 MW YADADRI TPS, NALGONDA				PROJECT ENGINEERING MANAGEMENT			
				Noida			
DEPT	NAME	SIGN	DATE	DEPT	NAME	SIGN	DATE
DESIGN	DESIGNER	SIGN	27.11.2017	DESIGN	DESIGNER	SIGN	27.11.2017
CHKD	CHKD	SIGN	27.11.2017	CHKD	CHKD	SIGN	27.11.2017
APPROV	APPROV	SIGN	27.11.2017	APPROV	APPROV	SIGN	27.11.2017
TITLE TG EQUIPMENT LAYOUT PLAN AT MISC FLOORS ABOVE OPERATING FLOOR IN BC BAY							
DEPT. SCALE 1:100				DRAWING NO. PE-DG-417-100-M006			
SHEET 1 OF 2				REV. 02			



TG HALL EQUIPMENT LAYOUT PLAN AT EL 17.0M - UNIT 1&2



EQUIPMENT LAYDOWN ARRANGEMENT FOR TG & GENERATOR COMPONENTS AT 17.0M

DETAIL OF LAY-DOWN SPACE FOR TG COMPONENTS:		
S.No	DESCRIPTION	AREA M ² X W
01	HP SHFT	2500 5.5 X 1.5
02	LOWEST CHASIS	2500 3.4 X 2.3
03	INNER CHASIS UPPER PART	1700 3.4 X 2.0
04	HP SHFT	4000 6.25 X 1.7
05	HP TURBINE OUTER CHASIS UPPER PART	4100 5.89 X 4.4
06	HP TURBINE INNER CHASIS UPPER PART	3500 3.9 X 3.2
07	HP TURBINE INNER CHASIS LOWER PART	3700 3.9 X 3.5
08	LPT & LPT SHFT	7600 6.93 X 3.46
09	LPT & LPT OUTER CHASIS UPPER PART	2800 8.58 X 5.85
10	LPT & LPT INNER CHASIS UPPER PART	2800 5.55 X 3.96
11	SHFT SEAL CASE - IT & IE	05 0.40 X 1.12
12	HP FRONT BEARING UPPER PART PEDESTAL COVER	06 0.62 X 1.35
13	HP REAR BEARING UPPER PART PEDESTAL COVER	03 0.8 X 1.45
14	HP REAR BEARING UPPER PART PEDESTAL COVER	2.3 1.25 X 2.1
15	HP REAR BEARING UPPER PART PEDESTAL COVER	2.3 1.25 X 2.1
16	HP REAR BEARING UPPER PART PEDESTAL COVER	2.3 1.25 X 2.1
17	SHIMMING PLATE WITH ROSSLEY 1 NOS	35 3.9 X 0.8
18	GENERATOR - BODY	8500 14.57 X 1.81
19	END SHIELD UPPER & LOWER HALF (2) 3 NOS	800 12 X 3.6
20	END SHIELD UPPER & LOWER HALF (2) 3 NOS	800 12 X 3.6
21	HYDROGEN COOLER (2 NOS TWIN TYPE)	430 5.0 X 1.5
22	HYDROGEN COOLER - INSULATED	2800 4.8 X 3.2
23	EXHAUST	3000 5.8 X 2.01
24	EXHAUST INSULATED	150 4.4 X 1.88
25	BEARING SHELLS - TS & ES NOS	05 0.5 X 0.8
26	HP CONTROL VALVE	2.2 21 X 0.9
27	HP CONTROL VALVE ACTUATOR	2.2 15.8 X 0.8
28	HP STOP VALVE	2.2 20 X 1.0
29	HP STOP VALVE ACTUATOR	1.2 15.8 X 0.7
30	HP CONTROL VALVE	65 30 X 1.3
31	HP CONTROL VALVE ACTUATOR	1.8 20 X 0.7
32	HP STOP VALVE	7.0 21 X 1.7
33	HP STOP VALVE ACTUATOR	1.4 21 X 0.7
34	BRIDGE VALVE WITH ACTUATOR 2 NOS	100 23.5 X 2.0
35	CROSS OVER PIPE - PART1	30 10 X 5.1
36	CROSS OVER PIPE - PART2	70 6.5 X 1.1
37	LPT BRIDGE STOP VALVE ACTUATOR 2nos	05 2 X 0.7
38	LPT BRIDGE STOP VALVE 2nos	2.2 2 X 0.7
39	LPT BRIDGE CONTROL VALVE 2nos	05 2 X 0.7
40	LPT BRIDGE CONTROL VALVE ACTUATOR 2nos	2.2 2 X 0.7
41	OVERLOAD CONTROL VALVE	0.8 1.5 X 0.4
42	OVERLOAD CONTROL VALVE ACTUATOR	1.0 1.5 X 1.6
43	LIFTING BEAM - 25	90 11.6 X 1.3

NOTES:
1. FOR NOTES REFER DRG. PE-DG-417-100-M005 SHEET-02.

FOR TENDER PURPOSE ONLY

REV.	DATE	ALTD	CHD	APPO	REV.	DATE	ALTD	CHD	APPO	REV.	DATE	ALTD	CHD	APPO	REV.	DATE	ALTD	CHD	APPO
01	2018.01.18				01	2018.01.18				01	2018.01.18				01	2018.01.18			
1. DRAWING REVISED IN LINE WITH CUSTOMER COMMENTS.										1. DRAWING REVISED IN LINE WITH CUSTOMER COMMENTS.									
2. OTHER CHANGES AS MARKED.										2. OTHER CHANGES AS MARKED.									

TITLE	TG EQUIPMENT LAYOUT PLAN AT OPERATING FLOOR
DEPT.	SCALE 1:100
SIGN	DRAWING NO. PE-DG-417-100-M005
	SHEET 1 OF 2
	REV. 02

