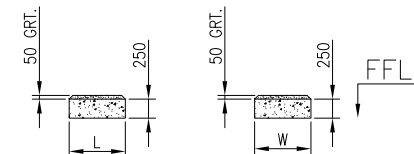
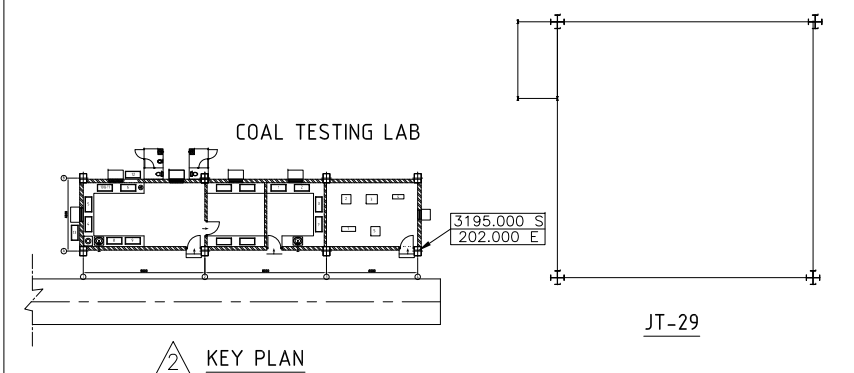
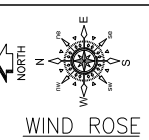


BHEL DRG NO.

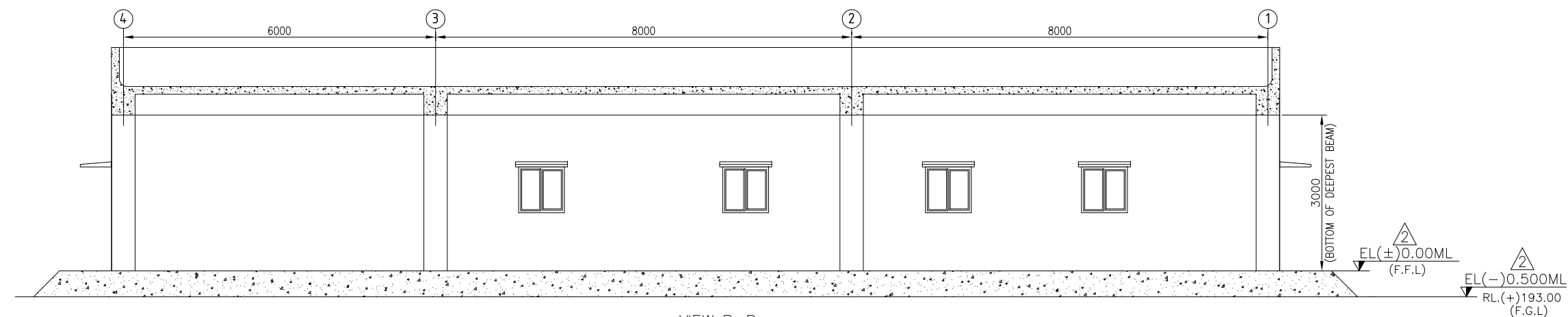
DO NOT SCALE. F IN DOUBT, ASK.

TYPICAL DETAIL FOR
COAL SAMPLING
EQUIPMENTS

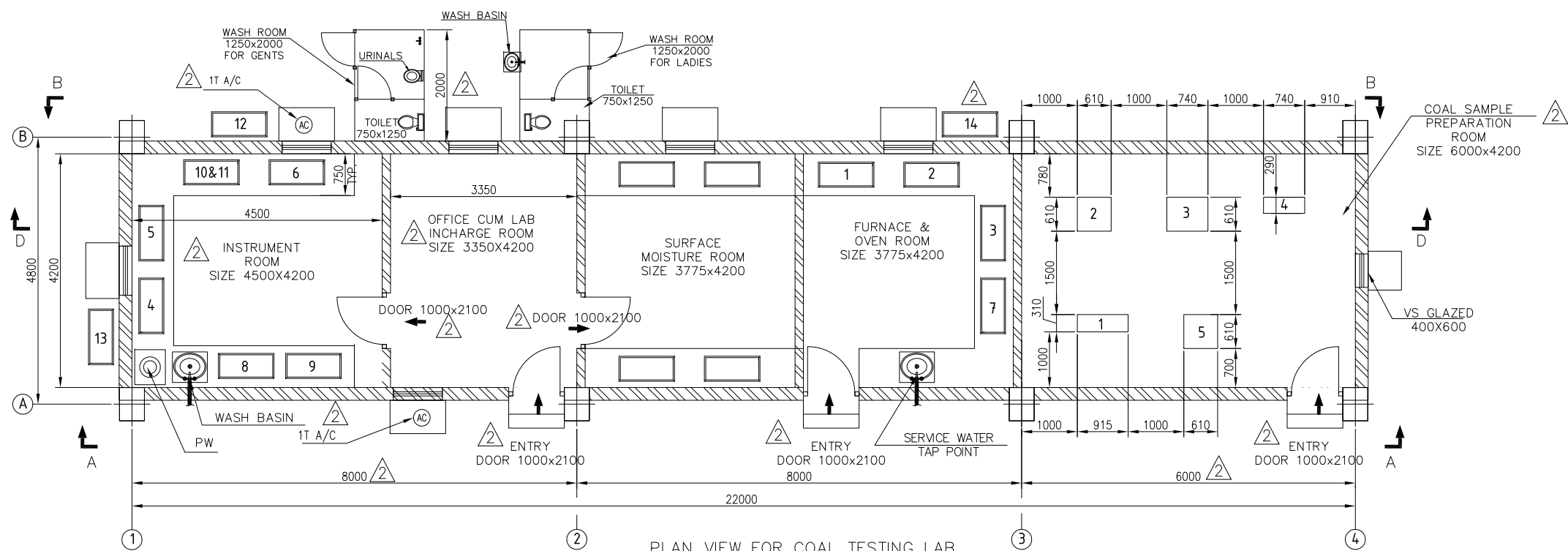
KEY PLAN



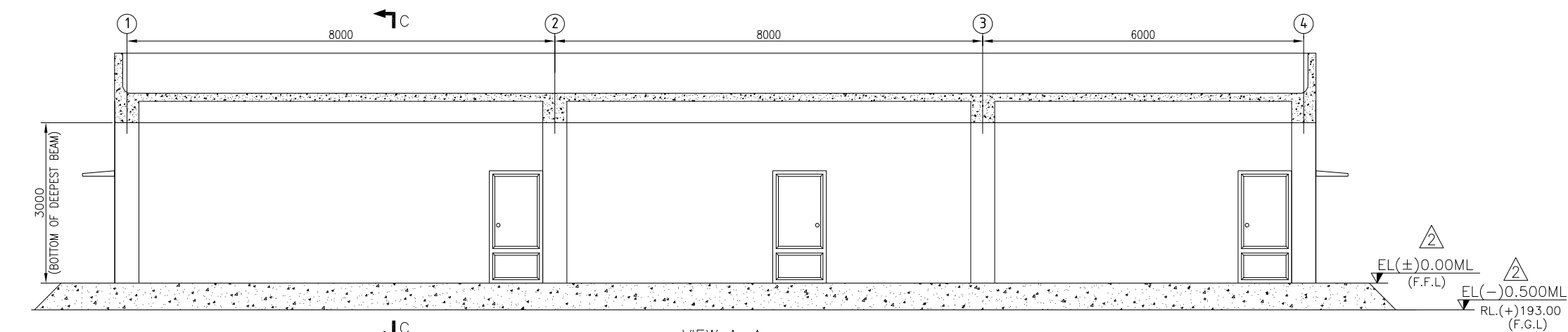
COAL SAMPLE PREPARATION EQUIPMENTS -FIXING SIZE		
PDTL. S.NO:	DESCRIPTION	SPACE L x W (IN MM)
1	LAB JAW CRUSHER	915 x 310
2	GRINDER	610 x 610
3	JAR BAR MILL	740 x 610
4	HARD-GROVE GRINDABILITY TESTER	740 x 290
5	SIEVE SHAKER	610 x 610



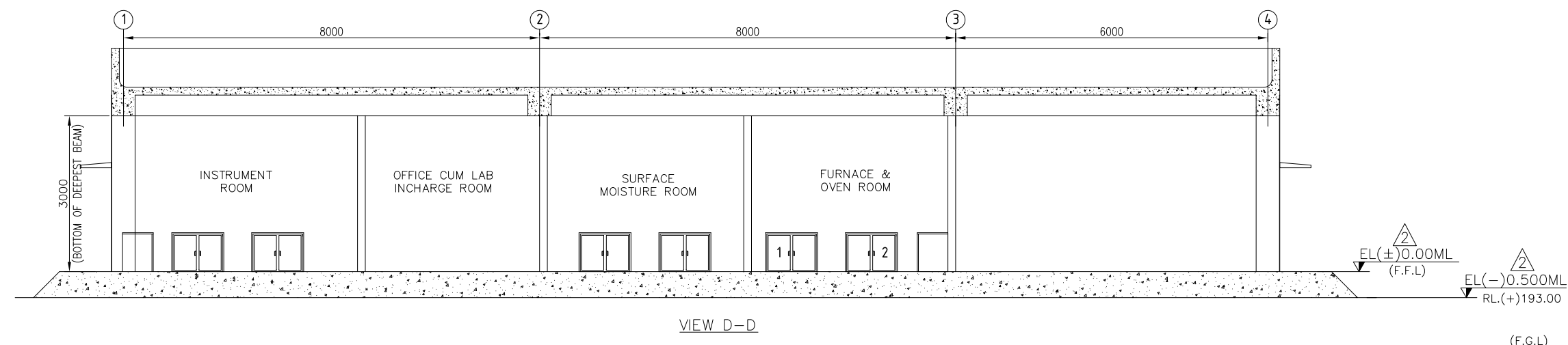
VIEW B-B



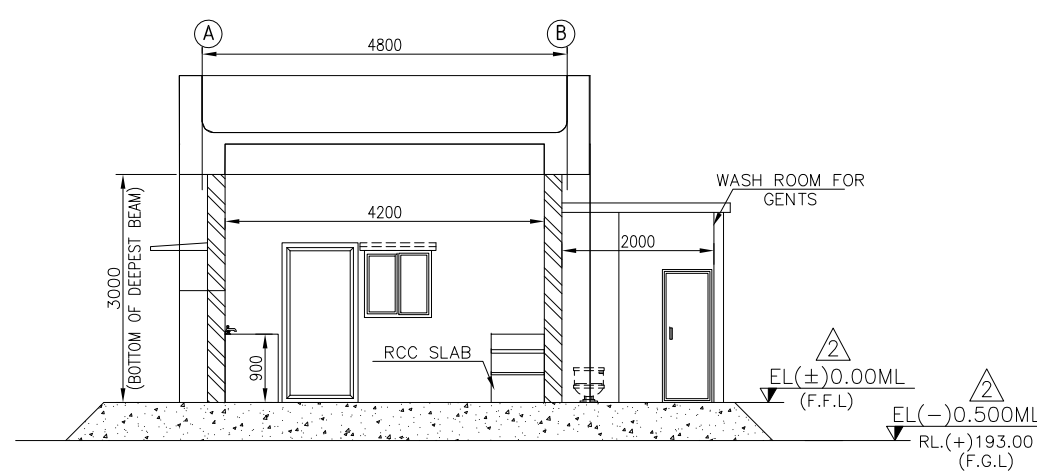
PLAN VIEW FOR COAL TESTING LAB



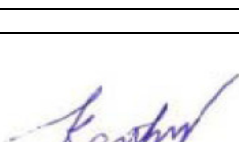
VIEW A-A



VIEW D-D



VIEW C-C

 Industrial Systems Group	BHARAT HEAVY ELECTRICALS LTD INDUSTRIAL SYSTEMS GROUP (COAL HANDLING PLANT)
This approval status shall be interpreted as laid down in the contract and it shall not relieve the contractor from the contractual obligation.	
Reviewed & Submitted for	
CAT I - Approval	
CAT II & III - Information	
CAT IV - Reference	
Name	
KARTHIK T Dy. Manager Bharat Heavy Electricals Limited ISG-BG 1A-CHP Bangalore - 560012	

COAL LAB INSTRUMENTS

1. HIGH TEMPERATURE MUFFLE FURNACE
2. VACUUM OVEN
3. ORDINARY OVEN
4. BOMB CALORIMETER
5. OVEN FOR COAL ANALYSIS
6. CHNS ANALYZER
7. OXIDATION STABILITY TEST APPARATUS
8. ANALYTICAL BALANCE
9. MICRO BALANCE
10. PC & PRINTER FOR CHNS
11. PRINTER FOR BOMB CALORIMETER
12. CYLINDERS FOR CHNS
13. CYLINDER FOR BOMB CALORIMETER
14. CYLINDER FOR OXIDATION STABILITY TEST

GENERAL NOTES:

1. ALL DIMENSIONS ARE IN MM & LEVELS ARE IN METERS.
2. FINISHED GROUND FLOOR LEVEL OF TG BUILDING = RL +193.50 M, CORRESPONDS TO PLANT EL 0.0M. FFL IN BOILER AREA SHALL BE RL +193.30M AND NOW FFL LEVEL IN TRANSFORMER YARD AREA SHALL BE RL. (+)193.3M I.E. EL(-)0.2M IN RESPECT OF TG HALL.
3. CIVIL DETAILS INDICATED ARE TENTATIVE ONLY, FINAL DIMENSIONS TO BE INDICATED IN CIVIL DRAWINGS.
4. CIVIL FOUNDATION BOLTS FOR COAL SAMPLING EQUIPMENTS SHALL BE SELF EXPANDING TYPE BOLTS. AND SHALL BE FITTED DURING THE EQUIPMENT ERECTION
5. DUST FREE AIR CONDITION SYSTEM SHALL BE PROVIDED FOR INSTRUMENTATION ROOMS (BHEL SCOPE)

ELECTRICAL NOTES:

1. HIGH TEMPERATURE MUFFLE FURNACE AND LAB JAW CRUSHER-3 PHASE 440V
2. SINGLE PHASE SUPPLY FOR ALL REMAINING EQUIPMENTS / INSTRUMENTS
3. AT EACH EQUIPMENT / INSTRUMENT TO BE PROVIDED WITH INDIVIDUAL ELECTRICAL SOCKETS
4. EXTRA ELECTRICAL SOCKETS FOR BOMB CALORIMETER
5. POWER SUPPLY SHOULD HAVE PROPER GROUNDING. VOLTAGE BETWEEN EARTH AND NEUTRAL SHOULD NOT EXCEED 1 VOLT
6. AN EXTENSION BOARD WITH MINIMUM 5 POINTS IS REQUIRED TO CONNECT THE CHNS INSTRUMENT

2	15-11-16	UPDATED AS PER REQUIREMENT	VENU	SNB	PSM
1	12-08-16	UPDATED AS PER REQUIREMENT	MB	KVR	PSM
0	30-6-16	FOR APPROVAL	MB	KVR	PSM
R.No:	DATE	BRIEF RECORD	BY	CKD	APD
REVISIONS					

OWNER:	RAJASTHAN RAJYA VIDYUT UTPADAN NIGAM LTD.				
CUSTOMER'S CONSULTANT:	TATA CONSULTING ENGINEERS LIMITED BANGALORE				
PROJECT :	2 X 660 MW SUPER CRITICAL TPS (SURATGARH ,STAGE-V, UNIT # 7 & 8)				
EPC CONTRACTOR:	BHARAT HEAVY ELECTRICALS LIMITED BHEL-INDUSTRIAL SYSTEMS GROUP ISG-BANGALORE				
CONVEYOR PACKAGE VENDOR:	BEVCON WAYORS PVT. LTD. Cor. Off. H-11, I.D.A. (Upper), Hyderabad-500 035. Works:139, I.D.A., Phase-II, Charlapally, Hyderabad-500 051.				
TITLE :	GA OF COAL TESTING LAB				
SCALE:	BHEL JOB NO. IS-1-13-2000 BHEL BHEL IS-3-GA-843-111-M195				
NO. OF SHEETS:	2				
SHEET. NO.	2				