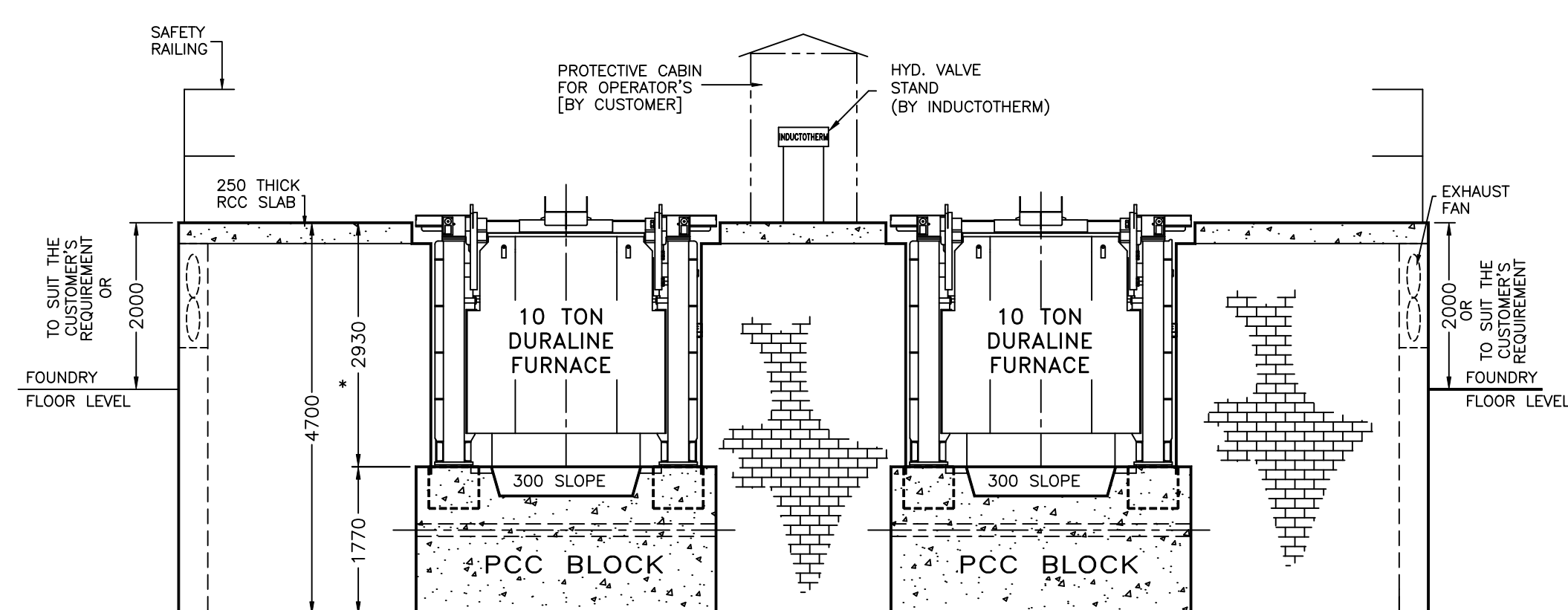
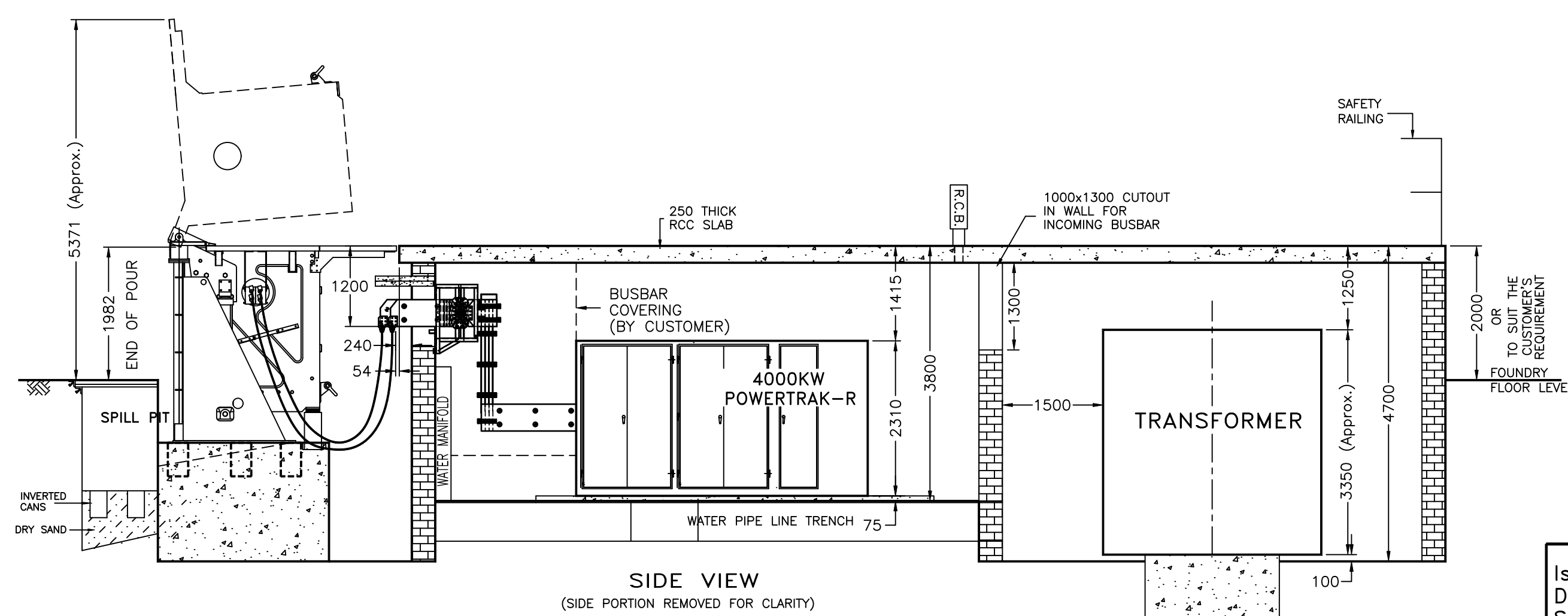


TOP VIEW  
(WITH EQUIPMENT)



FRONT VIEW



SIDE VIEW  
(SIDE PORTION REMOVED FOR CLARITY)

NOTES :

- [01] ALL LOCATIONS WITH RESPECT TO CENTER LINE MARKED Q TO BE CLOSELY MAINTAINED.
- [02] ALL DIMENSIONS ARE IN M.M. UNLESS OTHERWISE STATED.
- [03] CUSTOMER TO INSTALL PROTECTIVE GUARDING AS REQ'D. BY LOCAL REGULATION & OTHER AUTHORITIES TO PROTECT PERSONNEL FROM PITS, TRENCHES, ELEVATED PLATFORM AND OTHER HAZARDS.
- [04] ALL DIMENSIONS ARE OF FINISHED CONSTRUCTION.
- [05] NECESSARY ARRANGEMENT REQUIRED TO REMOVE SPILLED WATER FROM TRENCH/UNDER PLATFORM AREA.
- [06] \* HOLD DIMENSIONS. [THIS DIMENSIONS SHOULD BE STRICTLY MAINTAINED].
- [07] INSULATE STANCHIAN BASE & MOUNTING BOLTS WITH MATERIAL SUPPLIED "BY INDUOTHERM".
- [08] INCASE OF SINGLE FURNACE, FURNACE No. ① WILL BE SUPPLIED FIRST.
- [09] ALL SURROUNDING WALL SHOULD BE CONSTRUCTED ONLY AFTER INSTALLATION OF POWER SUPPLY UNIT & FURNACE.
- [10] COIL WATER SUPPLY & DRAIN MANIFOLDS ARE TO BE MOUNTED ON WALL [ONLY SUPPLY MANIFOLD SHOULD BE MOUNTED AT THE HEIGHT OF BUSBAR ADAPTERS].
- [11] PLATFORM CAN BE FABRICATED FROM STEEL STRUCTURE INSTEAD OF R.C.C.
- [12] KEEP PROVISION FOR ENTERING POWER SUPPLY UNIT UNDER THE PLATFORM.
- [13] STAIRS TO BE PROVIDED AT SUITABLE LOCATION.
- [14] PROPOSED PILLAR & BEAM POSITIONS & RCC SLAB THK. ARE SHOWN. WE ADVISE YOU TO CONFIRM IT WITH YOUR CIVIL ENGINEER INCASE OF ANY CHANGE PLEASE INFORM US.
- [15] POWER SUPPLY UNIT MUST BE KEPT AND LIFTED IN VERTICAL POSITION ONLY. (AS SHOWN IN SKETCH).
- [16] CUT OUT OF EXTERNAL BUSBAR IN PARTITION WALL, EXTERNAL BUSBAR & SELECTOR SWITCHES ARE TO BE COVERED BY M.S./FRP COVERS TO PROTECT FROM SHOCK,DUST & DIRT [BY CUSTOMER].
- [17] PROVIDE ENOUGH ELECTRICAL POINTS IN POWER SUPPLY UNIT ROOM FOR LIGHTING, FAN AND SERVICING PURPOSE.
- [18] PROVIDE ATLEAST TWO OPPOSITE ENTRIES IN POWER SUPPLY UNIT & FURNACE ROOM FOR EMERGENCY EXIT FOR PERSONAL.
- [19] PROVIDE DOOR / WINDOW FOR LIGHT AND AIR IN POWER SUPPLY UNIT ROOM.
- [20] THE WIDTH, LENGTH AND RCC SLAB THICKNESS OF THE PLATFORM SHOWN ON DRAWING IS MINIMUM REQUIRED. CUSTOMER CAN INCREASED IF REQUIRED.
- [21] FOR DESIGN OF THE FURNACE PLATFORM / FOUNDATION BLOCK PLEASE CONSULT YOUR CIVIL /STRUCTURAL DESIGNER, LOAD DATA ARE GIVEN IN THE SHEET, IF ANY QUERY PLEASE CONTACT US.
- [22] IF REQUIRED,PLEASE DO THE WATER PROOFING IN BASEMENT.
- [23] HYDRAULIC POWER PACK TO BE KEPT AT SUITABLE PLACE NEAR TO FURNACE.
- [24] THE SUGGESTED SPILL PIT IS NOT THE POURING PIT.
- [25] PUT THE EMPTY INVERTED CANS TO ACCOMODATE MOLTEN METAL INCASE OF RUNOUT.
- [26] PLEASE PROVIDE GUTTER IN BOTH ROOM AND SUMP IN POWER SUPPLY UNIT ROOM AT SUITABLE LOCATION TO COLLECT DRAINED WATER.
- [27] KEEP THE PROVISION FOR WATER PIPE LINE ENTRY IN THE ROOM.
- [28] PLEASE NOTE "WARNING" GIVEN BELOW.

## IMPORTANT INFORMATION FOR CUSTOMER POWER REQUIREMENTS FOR 4000KW

OR

LINE VOLTAGE	575V {ON LOAD}	6Ph,50Hz.
LINE KVA	4600	[FOR ONE POWER UNIT ONLY]
LINE AMPS	2600A	RATED, 3200A MAXIMUM
INPUT BUSBAR SIZE	Alu.	200x10mmx2Nos./Ph.
INPUT BUSBAR SIZE	Cu.	160x10mmx2Nos./Ph.
(INPUT BUSBAR SIZE SUITABLE FOR MAXIMUM 9 MTRS. LENGTH)		
ELECTRICAL CONNECTION FOR INTERNAL WATER PUMP		
440V,3PH,50Hz. [BY CUSTOMER]		

IMPORTANT NOTE  
BUSBAR LENGTH FROM TRANSFORMER  
PANEL IN EACH PHASE MUST BE EQUAL

## WATER REQUIREMENTS [MINIMUM]

FOR POWER SUPPLY UNIT AND FURNACE  
[EXTERNAL WATER SYSTEM FOR  
POWER SUPPLY UNIT & FURNACE] } REFER DRG.NO.  
D-91569/B

WEIGHT OF EQUIPMENTS KG. [APPROX]

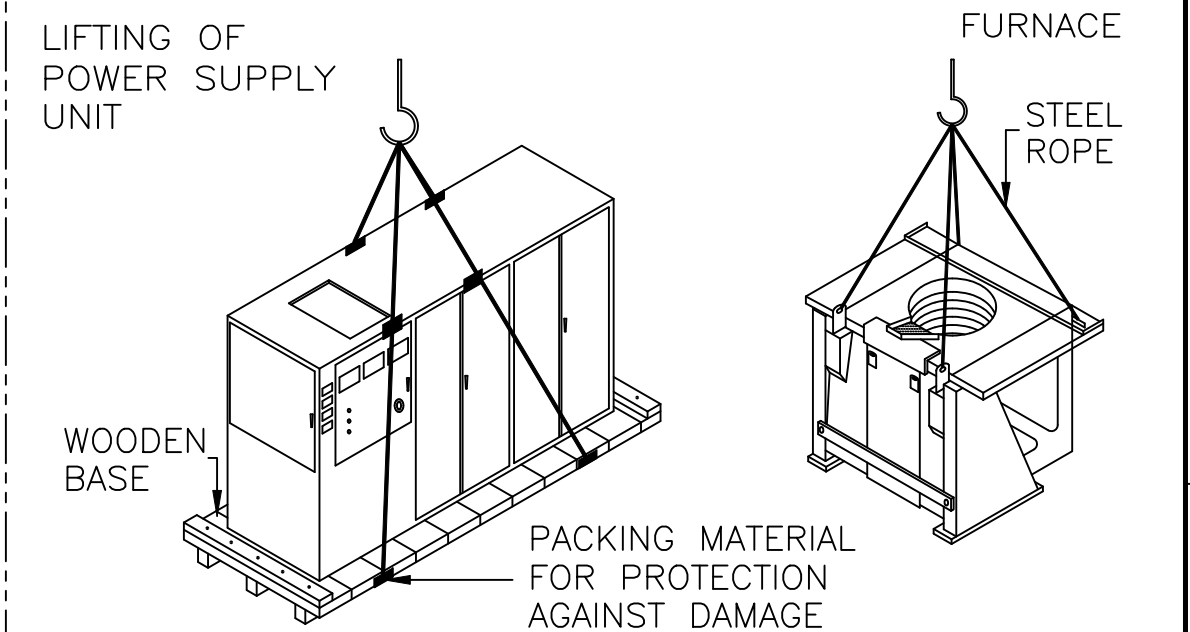
	SHIPPING	OPERATING
POWER SUPPLY UNIT	12500 KG.	12000 KG.
DURALINE FURNACE	13000 KG.	24000 KG.

FOR DETAILS OF CIVIL WORK REFER

Drg. No. D-96132/P SHEET No. TWO

LIFTING METHOD	
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LIFTING OF  
POWER SUPPLY  
UNIT



## STARTING OF FURNACE

PE


WOODEN

PACKING MATERIAL  
— FOR PROTECTION  
AGAINST DAMAGE

P AS MARK	BUSBAR DESIGN & PANEL POSITION REVISED	12.05.09					
Code	Zone	Brief Record	Date	Drn.	Chd.	Appd.	



	Title: PLATFORM LAYOUT DETAILS FOR 4000KW POWERTRAK-R WITH 10 TON x 2Nos DURALINE FURNACES
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Drn. by	24.03.09	Drawing No.	Rev.
Chd. by	24.03.09	D-96132	P
Appd. by	24.03.09		
Scale 1 : 70		Used on/Drg. No.D-93705/C	
		Sheet No. 1 OF 2	

WARNING :

SUITABLE ARRANGEMENTS MUST BE MADE TO DRAIN THE SPILL PIT AREA AND MAINTAIN IT IN A DRY CONDITION. MOISTURE OR WATER ACCUMULATION IN THE RUNOUT APRON OR SPILL PIT AREA CAN CAUSE A VIOLENT EXPLOSION IF MOLTEN METAL ENTERS THESE AREAS. SERIOUS INJURY TO PERSONNEL AND SEVERE DAMAGE TO EQUIPMENT CAN RESULT FROM FAILURE TO OBSERVE THESE PRECAUTIONS.

Issued on .....  
Dept .....  
Sign .....

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