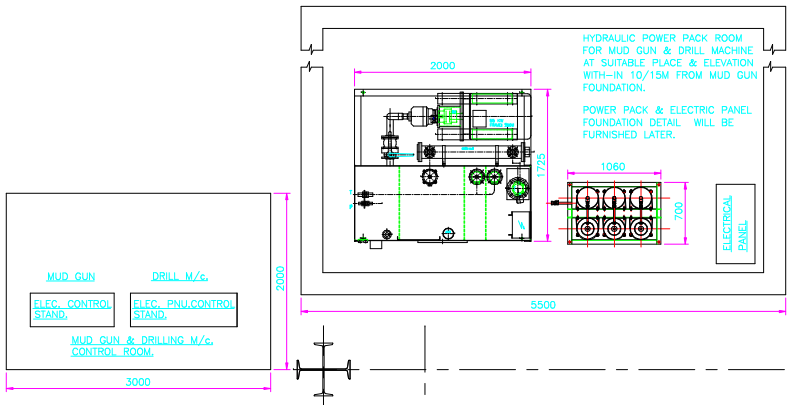
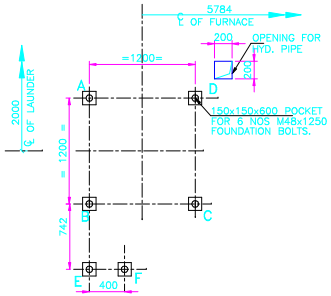


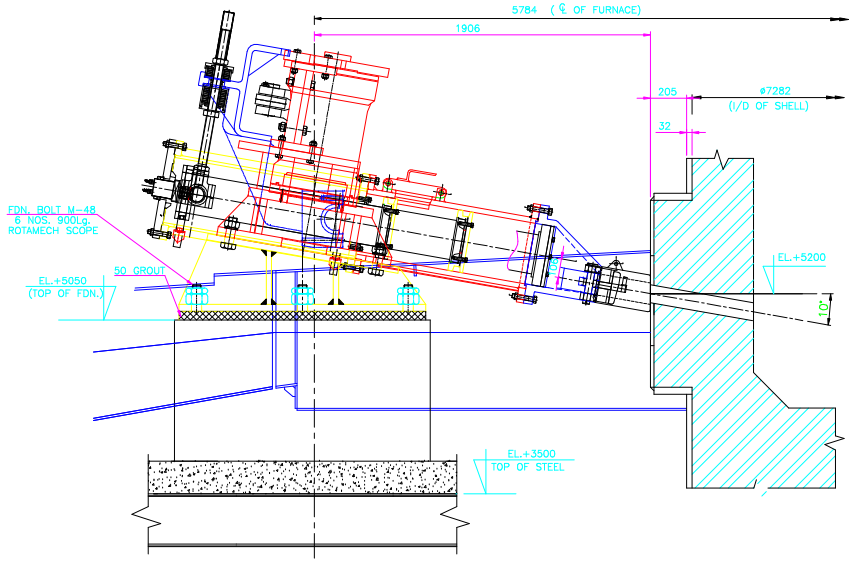


FDN. BOLT PLAN OF MUDGUN M/c.

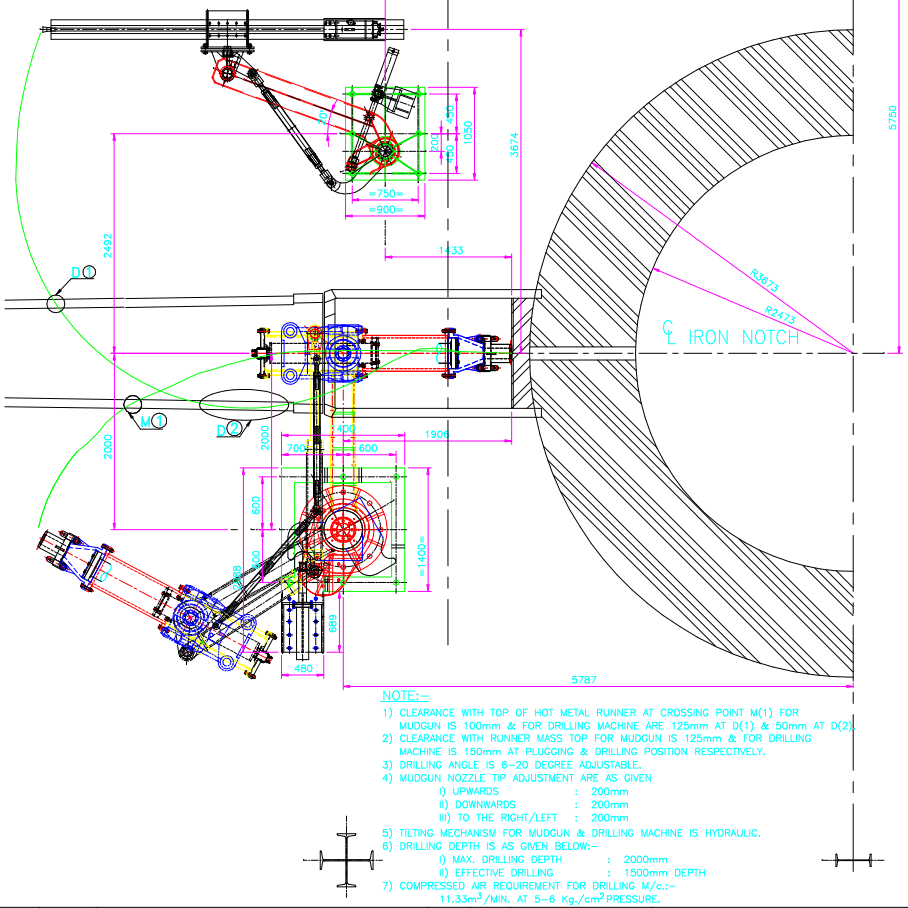
SCALE :- 1:30

LOAD DATA OF MUD-GUN

BOLT	VERTICAL	HORIZONTAL
A	1500 KG.	3000 KG
B	1500 KG	3000 KG
C	1500 KG	3000 KG
D	1500 KG	3000 KG
E	300 KG	1000 KG
F	300 KG	1000 KG

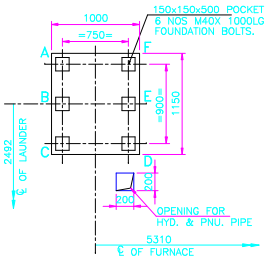


ELEVATION (DURING GUNNING)



NOTE:-

1) CLEARANCE WITH TOP OF HOT METAL RUNNER AT CROSSING POINT M(1) FOR MUDGUN IS 100mm & FOR DRILLING MACHINE ARE 125mm AT D(1) & 50mm AT D(2).
2) CLEARANCE WITH RUNNER MASS TOP FOR MUDGUN IS 125mm & FOR DRILLING MACHINE IS 150mm AT PLUGGING & DRILLING POSITION RESPECTIVELY.
3) DRILLING ANGLE IS 6-20 DEGREE ADJUSTABLE.
4) MUDGUN NOZZLE TIP ADJUSTMENT ARE AS GIVEN
   I) UPWARDS : 200mm
   II) DOWNWARDS : 200mm
   III) TO THE RIGHT/LEFT : 200mm
5) TILTING MECHANISM FOR MUDGUN & DRILLING MACHINE IS HYDRAULIC.
6) DRILLING DEPTH IS AS GIVEN BELOW:-
   I) MAX. DRILLING DEPTH : 2000mm
   II) EFFECTIVE DRILLING : 1500mm DEPTH
7) COMPRESSED AIR REQUIREMENT FOR DRILLING M/c.:- 11.33m^3/MIN. AT 5-6 Kg./cm^2 PRESSURE.

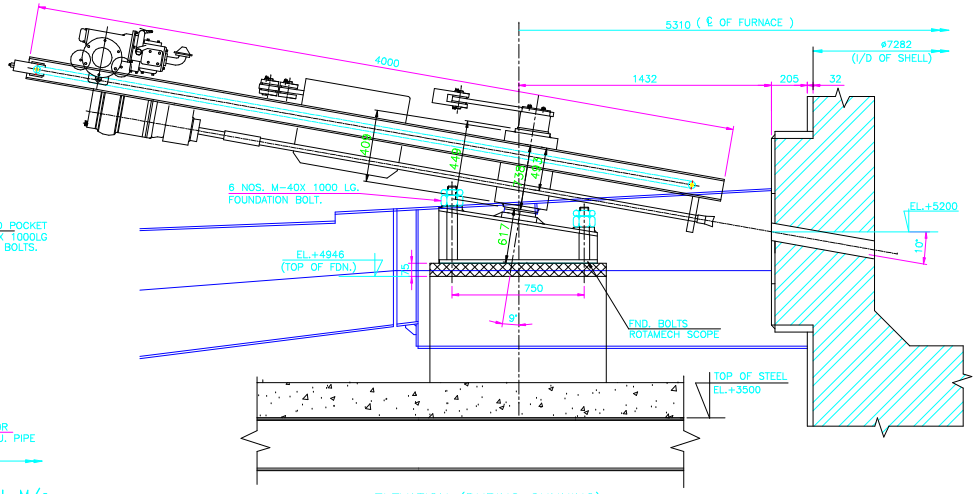


FDN. BOLT PLAN OF DRILL M/c.

SCALE :- 1:30

LOAD DATA OF DRILL M/c.

BOLT	VERTICAL	HORIZONTAL
A	750 KG	500 KG
B	750 KG	500 KG
C	750 KG	500 KG
D	750 KG	500 KG
E	750 KG	500 KG
F	750 KG	500 KG



ELEVATION (DURING GUNNING)

ITEM	QTY.	DESCRIPTION	DRAWING NO.
4.	1	ELEC. PANEL.	E-15-06-00
3.	1	HYD. POWER UNIT.	H-15-05-00
2.	1	TAP HOLE DRILL MACHINE.	DM-15-04-00
1.	1	MUD GUN ASSEMBLY.	MG-15-03-00

KALYANI STEELS LIMITED.
GINIGERA, KARNATAKA.
मेकॉन लिमिटेड
MECON LIMITED

ROTAMECH
CONSULTANTS & ENGINEERS (P) LTD

NO	DATE	DESCRIPTION	DRN	CHKD

REVISION

DRAWING NO. | DESCRIPTION

REFERENCES

NOTES

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SCALE	1:30
DRN.	AKB
CHKD.	D.A.
APP.	SRA
CLIENT	KALYANI STEELS LIMITED. KARNATAKA.
TITLE	350 M^3 MINI BLAST FURNACE GENERAL LAYOUT & LOAD DATA OF DRILL M/c, MUD GUN & HYD. POWER UNIT.
DATE	28.09.2006
DRG. NO.	L-15-00-00
REV.	0