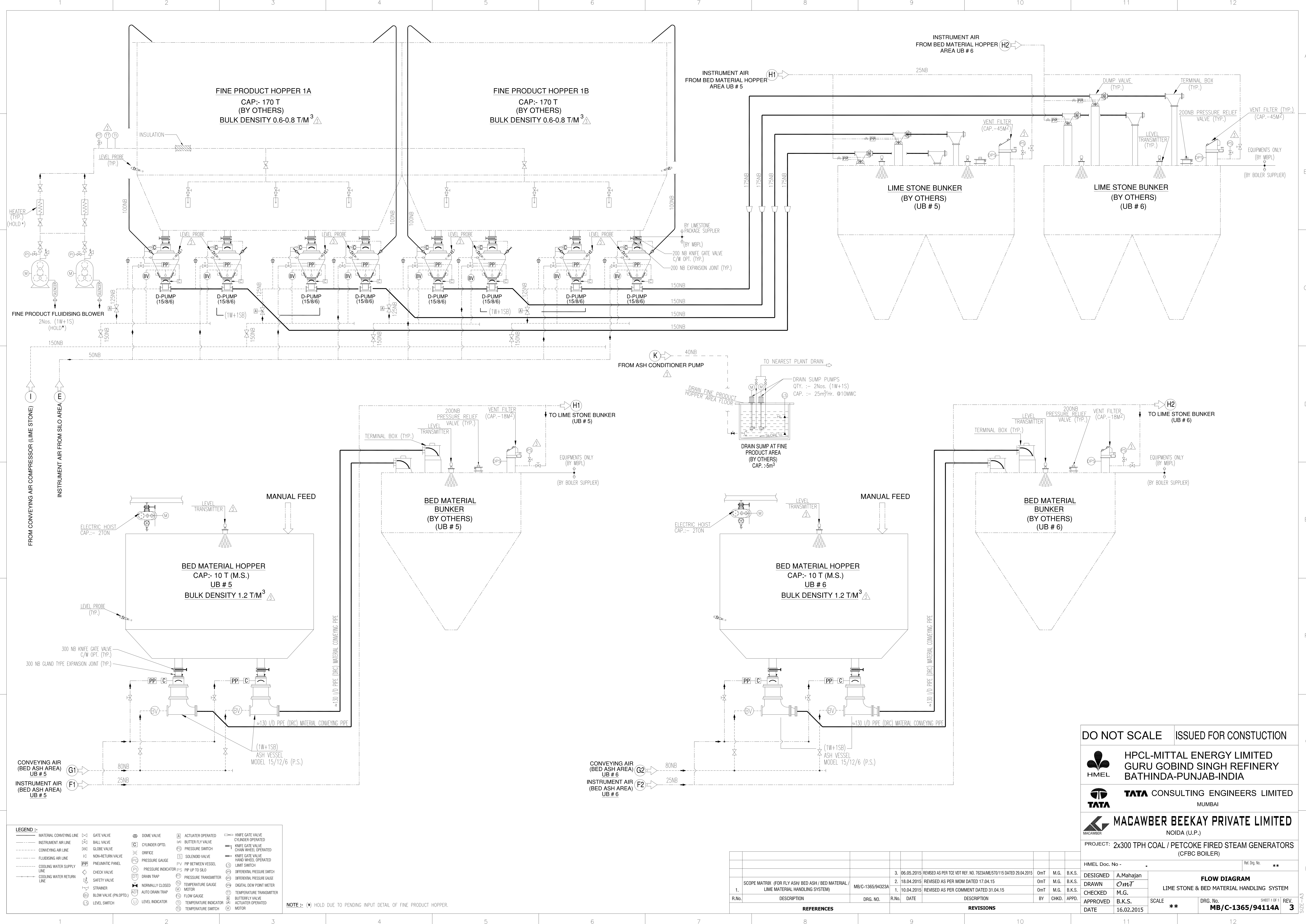






LEGEND :-			
MATERIAL CONVEYING LINE	GATE VALVE	DOME VALVE	ACTUATOR OPERATED BUTTER FLY VALVE
INSTRUMENT AIR LINE	BALL VALVE	CYLINDER OPTD.	PRESSURE SWITCH
CONVEYING AIR LINE	GLOBE VALVE	ORIFICE	SOLENOID VALVE
FLUIDISING AIR LINE	NON-RETURN VALVE	PRESSURE GAUGE	P/P BETWEEN VESSEL
COOLING WATER SUPPLY LINE	PNEUMATIC PANEL	PRESSURE INDICATOR	P/P UP TO SOIL
COOLING WATER RETURN LINE	CHECK VALVE	DRAIN TRAP	DIFFERENTIAL PRESSURE SWITCH
	SAFETY VALVE	NORMALLY CLOSED AUTO DRAIN TRAP	DIFFERENTIAL PRESSURE GAUGE
	STRAINER	TEMPERATURE GAUGE	DIGITAL DEW POINT METER
	BLOW VALVE (PN OPTD.)	TEMPERATURE INDICATOR	TEMPERATURE TRANSMITTER
	LEVEL SWITCH	TEMPERATURE SWITCH	BUTTERFLY VALVE
			ACTUATOR OPERATED MOTOR

NOTE :- (*) HOLD DUE TO PENDING INPUT DETAIL OF FINE PRODUCT HOPPER.

REFERENCES		REVISIONS	
1.	SCOPE MATRIX (FOR FLY ASH/ BED ASH / BED MATERIAL/ LIME MATERIAL HANDLING SYSTEM)	MB/C-1365/94323A	
R.No.	DESCRIPTION	DRG. NO.	
		R.No.	
		DATE	
		DESCRIPTION	
		BY	
		CHKD.	
		APPD.	
		DATE	

DO NOT SCALE

ISSUED FOR CONSTRUCTION

HPCL-MITTAL ENERGY LIMITED
GURU GOBIND SINGH REFINERY
BATHINDA-PUNJAB-INDIA

TATA CONSULTING ENGINEERS LIMITED
MUMBAI

MACAWBER BEEKAY PRIVATE LIMITED
NOIDA (U.P.)

PROJECT: 2x300 TPH COAL / PETCOKE FIRED STEAM GENERATORS (CFBC BOILER)

HMEL Doc. No. -

Ref. Drg. No. **

DESIGNED A.Mahajan

DRAWN M.G.

CHECKED M.G.

APPROVED B.K.S.

DATE 16.02.2015

SCALE **

DRG. No. MB/C-1365/94114A

SHEET 1 OF 1

REV. 3

FLOW DIAGRAM

LIME STONE & BED MATERIAL HANDLING SYSTEM

