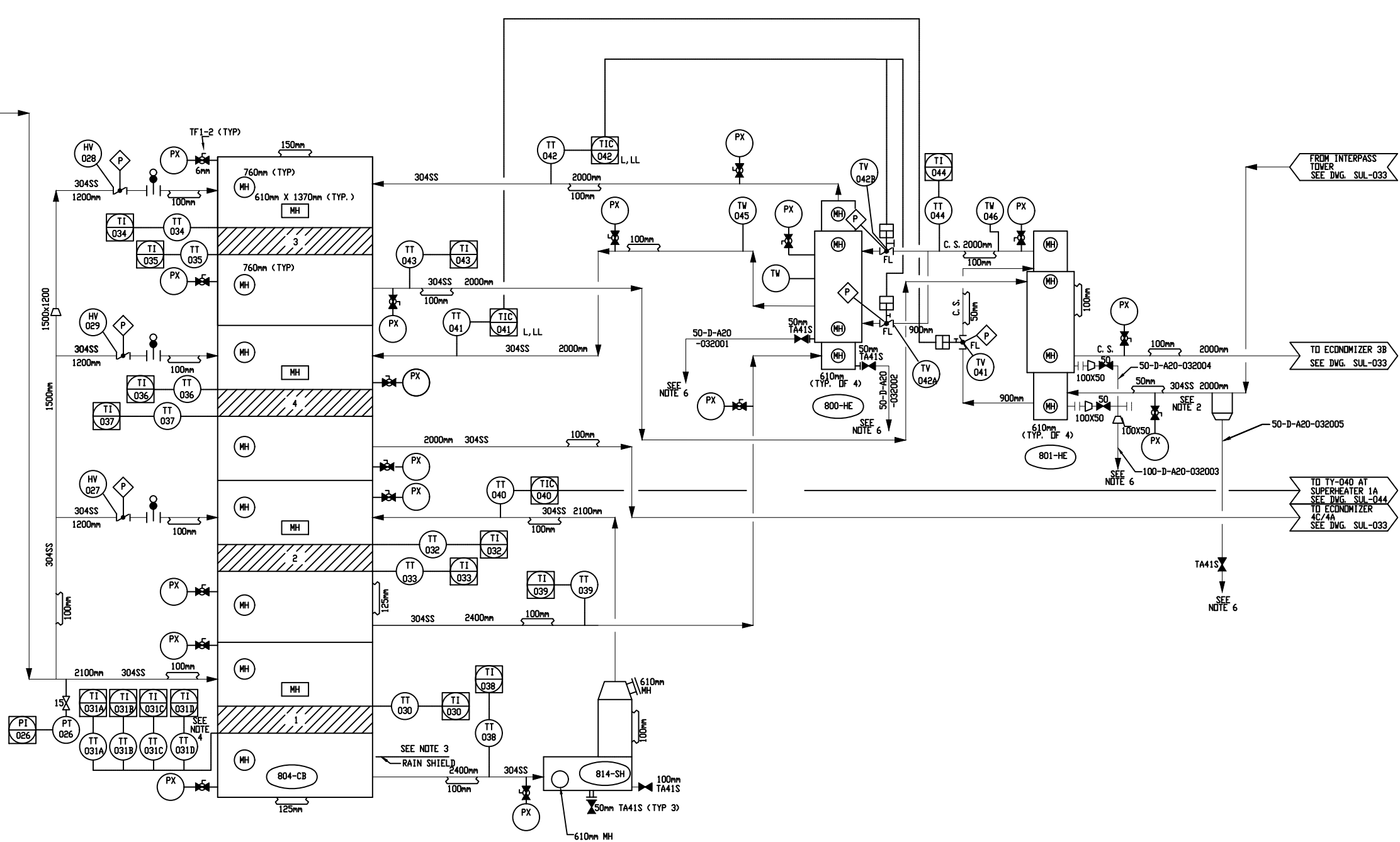


1	1	0	2	0	9	6	3	6	6	0	5	I	P
3215	NO	13A38	35	35	35	35	35	35	35	35	35	35	35

DO NOT SCALE IF IN DOUBT, ASK



- NOTES
1. PX'S ON CONVERTER WILL BE LOCATED AT GRADE/GROUND LEVEL AND ROUTED WITH STAINLESS STEEL TUBING.
 2. LOCATE DRIP LEG IN DUCT LOW POINT DRIP LEG TO FOLLOW IDF DESIGN.
 3. RAINSHIELD REQUIRED ON CONVERTER FIRST PASS OUTLET TRANSITION.
 4. THESE (4) TEMPERATURE TRANSMITTERS ARE TO BE EQUALLY SPACED AROUND PASS 1 CATALYST BED.
 5. ALL MANHOLES ARE BOLTED ON THE CONVERTER, HOT INTERPASS HEAT EXCHANGER, SUPERHEATER AND COLD INTERPASS HEAT EXCHANGER. GASKET MATERIAL TO BE PER IDF SPECIFICATION.
 6. 500mm x 500mm SQUARE ACID BRICK PAD WITH BRICK CONTAINMENT LIP TO BE LOCATED UNDER DRAIN.
 7. THE LAST PIPELINE SEQUENCE NUMBER IS 032010.

804-CB	814-SH	800-HE	801-HE
CONVERTER	SUPERHEATER 1A	HOT INTERPASS HEAT EXCHANGER	COLD INTERPASS HEAT EXCHANGER

REV	NO	DATE	DESCRIPTION	BY	CHK	LEAD	ENG	AREA	IDF	IDF
03	9/07/19	UPDATED		VMK	VM					
02		AS BUILT		NR						

REV	NO	DATE	DESCRIPTION	BY	CHK	LEAD	ENG	AREA	IDF	IDF
01	24/07/01	GENERAL UPDATE		NR	JK	JS	RB	JK	AN	
00	10/04/01	APPROVED FOR CONSTRUCTION		NR	JK	JK	RB	ED	AN	
B	23/11/00	REVISED AS INDICATED		NR	JPP	JS	RB	ED		
A	14/09/00	UPDATED FROM MEC DRAWING 321-102 REV. 1		PR	JS	JS	REB	ED		

REV	NO	DATE	DESCRIPTION	BY	CHK	LEAD	ENG	AREA	IDF	IDF
01	24/07/01	GENERAL UPDATE		NR	JK	JS	RB	JK	AN	
00	10/04/01	APPROVED FOR CONSTRUCTION		NR	JK	JK	RB	ED	AN	
B	23/11/00	REVISED AS INDICATED		NR	JPP	JS	RB	ED		
A	14/09/00	UPDATED FROM MEC DRAWING 321-102 REV. 1		PR	JS	JS	REB	ED		

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INDIAN OCEAN FERTILIZER (PTY) LTD.		PROJECT No: 6348	
PROJECT		DATE:	
PR. ENG.		DATE:	
TITLE:		GAS FLOW PIPING & INSTRUMENT DIAGRAM	
SCALE:		P I 3 5 0 9 9 9 3 9 6 0 3 2 0 2 A 1	