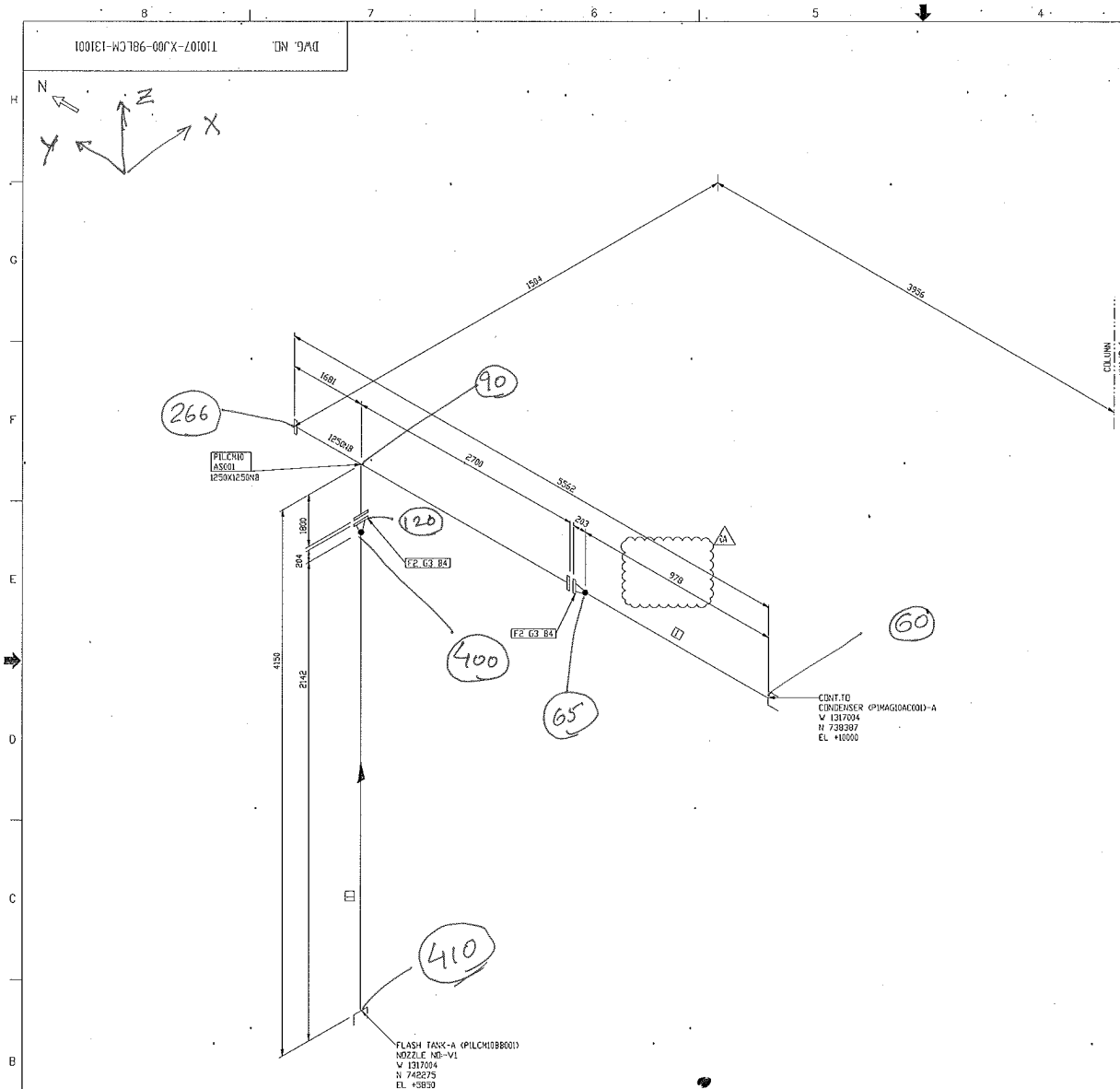




PT NO	COMPONENT DESCRIPTION	SIZE (NPS)	Q'TY (M.E.A)	WEIGHT (KG)	REMARK
1	PIPE, A672 C70-CL22, S-STD, BE / WELDED	1250	3.0 M	977.53	
2	FLANGE, A165, ANSI CL150, VN-RF	1250	2	1026.0	
TOTAL FABRICATION WEIGHT				1973.91	
3	GASKET SPIRAL WOUND METAL & NON ASBESTOS, SS 304, 4.451 X CL150, RF	1250	2		
4	GALVANISED STUD BOLTS / HEAVY HEX. NUTS, A193-87/A194-2H, 259.094 BOLT LENGTH	115/16 88		368.0	
TOTAL ERECTION WEIGHT				368.0	
TOTAL WEIGHT-THIS DRG				2171.53	

AT NODE 60 →
MOMENTS

$$\delta_x = 0.3 \text{ mm}$$

$$\delta_y = 2.1 \text{ mm}$$

$$\delta_z = 1.60 \text{ mm}$$

- NOTES:
1. ALL DIMENSIONS AND LEVELS ARE GIVEN IN MILLIMETER UNLESS OTHERWISE NOTED.
 2. ELEVATION(EL) SHOWN ON THIS DRAWING IS CENTER OF PIPE UNLESS OTHERWISE NOTED.
 3. FIELD WELD MARKS WILL BE INDICATED LATER.
 4. SUPPORT TAG NO., LOCATION AND TYPE WILL BE INDICATED LATER.

AT 410 NODE →

$$\delta_x = 0 \text{ mm}$$

$$\delta_y = 0 \text{ mm}$$

$$\delta_z = 18.52 \text{ mm}$$

FOR CONSTRUCTION

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Rev	Size	Prepared	Checked	Approved	Initials of Author
1	1/4"				

Owner's Engineer: **GMR** GMR CHHATTISGARH ENERGY
Developer Consultants: **DOOSAN** DEVELOPMENT CONSULTANTS
Contractor: **DOOSAN** Doosan Power Systems India Pvt., Ltd.

Project: 2 x 665 MW THERMAL POWER PLANT AT RAIPUR, CHHATTISGARH
Date: 11/11/2017
Drawn by: 110107-XJ00-PILCH-131002
Scale: 1/1

LINE NO	PAID DRAWING NO	GP (kg/cm²)	DT (°C)	DP (kg/cm²)	OT (°C)	HYD. PR. (kg/cm²)	INS. THK. (mm)	FLUID	APPLIED CODE
PILCH018501-HB0-IN1250	110107-XG02-PILCA-110008	24700	343.00	-0.600	75.400	3.705	25.00	STEAM	B311
END PREP. A B C									
PAINT YES N/A									
ISO CLASS EL									
PAINT TYPE T10107-LATER									
CLEAN CLASS T10107-LATER									

Q'TY	UNIT X 1
	UNIT X 1