PART NUMBER & CODE

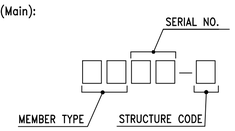
PART	MAIN CODE	No.	SUB CODE	DESCRIPTION	No.	REMARK TYPE	REMARK DETAIL
BEAM	B-01	2	B-01-01	IPB200	1	BEAM	
			P-03	PL15	2	END PLATE	DET.02
	B-02	2	B-02-01	IPB200	1	BEAM	
			P-03	PL15	2	END PLATE	DET.02
	B-03	2	B-03-01	IPB200	1	BEAM	
			P-03	PL15	2	END PLATE	DET.02
	B-04	2	B-04-01	IPB200	1	BEAM	
			P-03	PL15	2	END PLATE	DET.02
	B-05	2	B-05-01	IPB200	1	BEAM	
			P-03	PL15	2	END PLATE	DET.02
BLOCK	BL-01	2	BL-01-01	IPB300+ 2PL.15x262	1	COLUMN	BL-01
			BL-01-02	IPB200	1	BEAM	BL-01
			BL-01-03	IPB200	1	BEAM	BL-01
			BL-01-04	IPB200	1	BEAM	BL-01
			BL-01-05	IPB200	1	BRACKET	BL-01
			P-01	PL30	1	BASE PLATE	DET.01
			P-02	PL20	8	STIFFENER	DET.01
			P-04	PL15	2	CAP PLATE	BL-01
	BL-02	1	BL-02-01	IPB300+ 2PL.15x262	1	COLUMN	BL-02
			BL-02-02	IPB200	1	BEAM	BL-02
			BL-03-03	IPB200	1	BEAM	BL-02
			BL-02-04	IPB200	1	BEAM	BL-02
			BL-02-05	IPB200	1	BEAM	BL-02
			P-01	PL30	1	BASE PLATE	DET.01
			P-02	PL20	8	STIFFENER	DET.01
			EB-01	IPB200	2	END BEAM	DET.02
			P-03	PL15	2	END PLATE	DET.02
			P-04	PL15	2	CAP PLATE	BL-02
	BL-03	4	BL-03-01	IPB300+ 2PL.15x262	1	COLUMN	BL-03
			BL-03-02	IPB200	1	BEAM	BL-03
			BL-03-03	IPB200	1	BEAM	BL-03
			BL-03-04	IPB200	1	BEAM	BL-03
			BL-03-05	IPB200	1	BEAM	BL-03
			P-01	PL30	1	BASE PLATE	DET.01
			P-02	PL20	8	STIFFENER	DET.01
			EB-01	IPB200	4	END BEAM	DET.02
			P-03	PL15	4	END PLATE	DET.02
			P-04	PL15	2	CAP PLATE	BL-03
	BL-04	1	BL-04-01	IPB300+ 2PL.15x262	1	COLUMN	BL-04
			BL-04-02	IPB200	1	BEAM	BL-04
			BL-04-03	IPB200	1	BEAM	BL-04
			BL-04-04	IPB200	1	BEAM	BL-04
			BL-04-05	IPB200	1	BEAM	BL-04
			P-01	PL30	1	BASE PLATE	DET.01
			P-02	PL20	8	STIFFENER	DET.01
			EB-01	IPB200	4	END BEAM	DET.02
			P-03	PL15	4	END PLATE	DET.02
			P-04	PL15	2	CAP PLATE	BL-04
	BL-05	1	BL-05-01	IPB300+ 2PL.15x262	1	COLUMN	BL-05
			BL-05-02	IPB200	1	BEAM	BL-05
			BL-05-03	IPB200	1	BEAM	BL-05
			BL-05-04	IPB200	1	BRACKET	BL-05
			P-01	PL30	1	BASE PLATE	DET.01
			P-02	PL20	8	STIFFENER	DET.01
			P-04	PL15	2	CAP PLATE	BL-05
	BL-06	1	BL-06-01	IPB300+ 2PL.15x262	1	COLUMN	BL-06
			BL-06-02	IPB200	1	BEAM	BL-06
			BL-06-03	IPB200	1	BEAM	BL-06
			BL-06-04	IPB200	1	BEAM	BL-06
			BL-06-05	IPB200	1	BEAM	BL-06
			P-01	PL30	1	BASE PLATE	DET.01
			P-02	PL20	8	STIFFENER	DET.01
			P-04	PL15	2	CAP PLATE	BL-06
	BL-07	1	BL-07-01	IPB300+ 2PL.15x262	1	COLUMN	BL-07
			BL-07-02	IPB200	1	BEAM	BL-07
			BL-07-03	IPB200	1	BEAM	BL-07
			BL-07-04	IPB200	1	BEAM	BL-07
			BL-07-05	IPB200	1	BEAM	BL-07
			P-01	PL30	1	BASE PLATE	DET.01
			P-02	PL20	8	STIFFENER	DET.01
			P-04	PL15	2	CAP PLATE	BL-07

PART	MAIN CODE	No.	SUB CODE	DESCRIPTION	No.	REMARK TYPE	REMARK DETAIL
BLOCK	BL-08	1	BL-08-01	IPB300+ 2PL.15x262	1	COLUMN	BL-08
			BL-08-02	IPB200	1	BEAM	BL-08
			BL-08-03	IPB200	1	BEAM	BL-08
			BL-08-04	IPB200	1	BEAM	BL-08
			BL-08-05	IPB200	1	BEAM	BL-08
			P-01	PL30	1	BASE PLATE	DET.01
			P-02	PL20	8	STIFFENER	DET.01
			P-04	PL15	2	CAP PLATE	BL-08
	BL-09	1	BL-09-01	IPB300+ 2PL.15x262	1	COLUMN	BL-09
			BL-09-02	IPB200	1	BEAM	BL-09
			BL-09-03	IPB200	1	BEAM	BL-09
			BL-09-04	IPB200	1	BRACKET	BL-09
			P-01	PL30	1	BASE PLATE	DET.01
			P-02	PL20	8	STIFFENER	DET.01
			P-04	PL15	2	CAP PLATE	BL-09
	BL-10	1	BL-10-01	IPB300+ 2PL.15x262	1	COLUMN	BL-10
			BL-10-02	IPB200	1	BEAM	BL-10
			BL-10-03	IPB200	1	BEAM	BL-10
			BL-10-04	IPB200	1	BRACKET	BL-10
			P-01	PL30	1	BASE PLATE	DET.01
			P-02	PL20	8	STIFFENER	DET.01
			P-04	PL15	2	CAP PLATE	BL-10
	BL-11	1	BL-11-01	IPB300+ 2PL.15x262	1	COLUMN	BL-11
			BL-11-02	IPB200	1	BEAM	BL-11
			BL-11-03	IPB200	1	BEAM	BL-11
			BL-11-04	IPB200	1	BRACKET	BL-11
			P-01	PL30	1	BASE PLATE	DET.01
			P-02	PL20	8	STIFFENER	DET.01
			P-04	PL15	2	CAP PLATE	BL-11

GENERAL NOTES

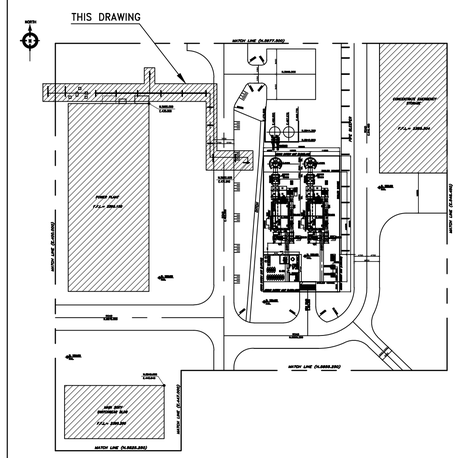
1- ALL DIMENSIONS, ELEVATIONS & COORDINATIONS ARE IN mm.
2- EL. IS ABBREVIATION OF ELEVATION.
3- F.G.L. IS ABBREVIATION OF FINISHED GROUND LEVEL.
4- T.O.G. IS ABBREVIATION OF TOP OF GROUT.
5- T.O.B. IS ABBREVIATION OF TOP OF BEAM.
6- T.O.C. IS ABBREVIATION OF TOP OF COLUMN.
7- THIS MARK INDICATES FIELD WELDING.
8- MATERIAL:
- STEEL PROFILE & PLATE : DIN ST37-2
- BOLTS : ASTM A325
- WASHERS : ASTM F436
- NUTS : ASTM A563

9- CODE SYSTEM (Main):



REFERENCE DRAWINGS

1- G.A. OF PIPERACK	C047S-K151-001 ~ 003



KEY PLAN

REV.		DATE	DESCRIPTION	DESIGN	CHEKED	APPROVE	P.M
–	Z	00.06.10 01.Sep.2021	FIRST ISSUE				

CLIENT AZARAB

OWNER: NATIONAL IRANIAN COPPER INDUSTIES CO.

CONSULTANT:

CONTRACTOR: AZARAB

CLIENT AREA NO.:

SUB-CONTRACTOR:

PROJECT NO.: 5944

PROJECT TITLE : SARCHESHMEH COPPER COMPLEX
FLASH SMELTING EXPANSION PROJECT
2 X 60 T/H BOILERs

SCALE: 1/100

TITLE: ST. STR. OF PIPE RACK (1/6)

UNIT: 225

SIZE:	SHEET:	DRAWING NO.:	REV.
A1	1 of 1	–	–

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CONTRACTOR: DESIGN & ENG. DEPT. BOILER DIVISION
AZARAB INDUSTRIES CO.

CAD DWG. NAME	SIZE	LAST DRAWN	SCALE
C4A15101Z	A1	G.Nayak	1/100

AZARAB PROJECT CODE	AZARAB DWG. No.	REV.	PAGE
C047	C047S-A151-001	Z	1 OF 1