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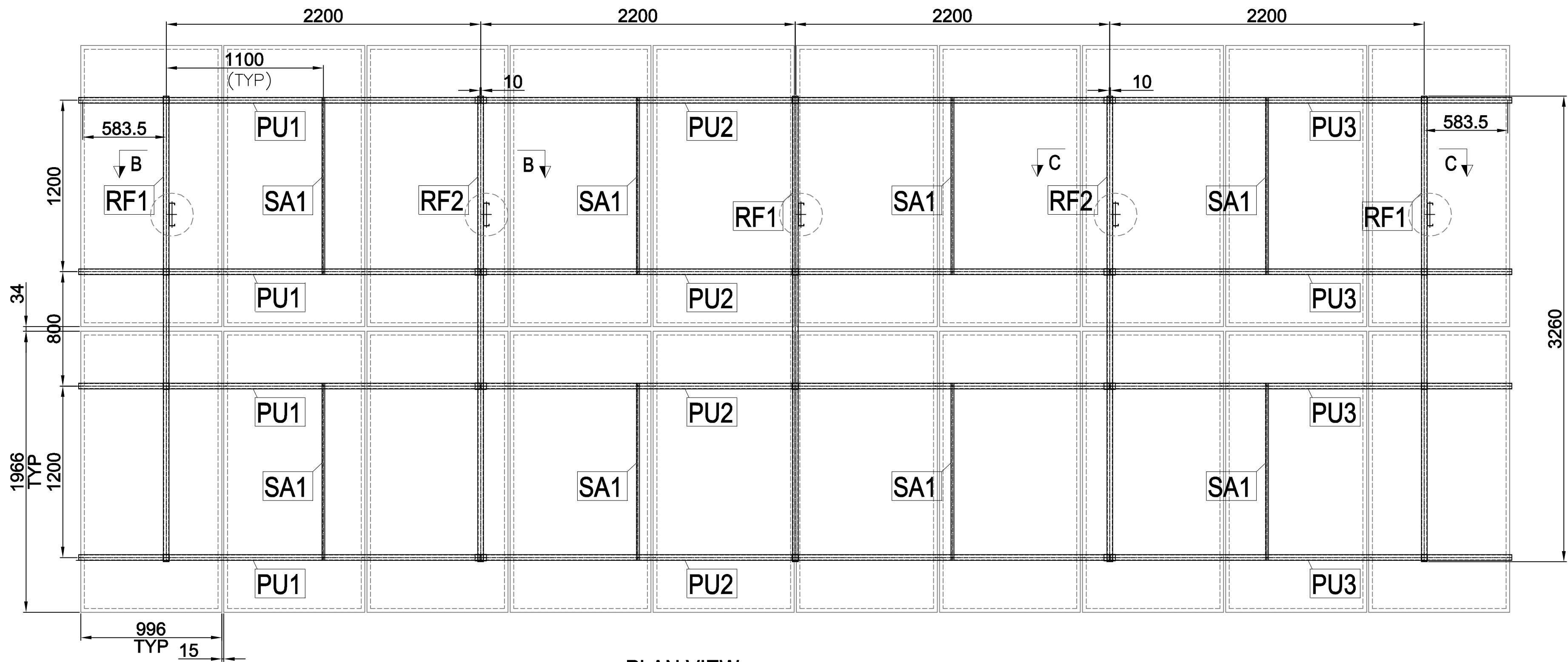
INVENTORY NO
SIGN AND DATE
REF. DRG. NO.
COMPUTER FILE NAME

GENERAL DIMENSIONAL LIMITS, FITS & TOLERANCES AS PER HY0230261

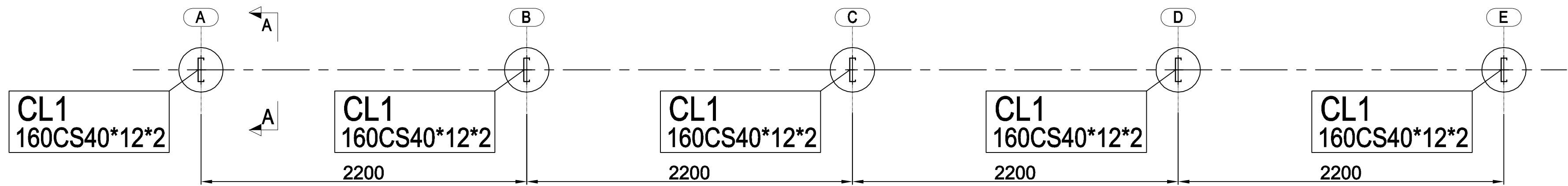
FIRST ANGLE PROJECTION

(ALL DIMENSIONS ARE IN mm)

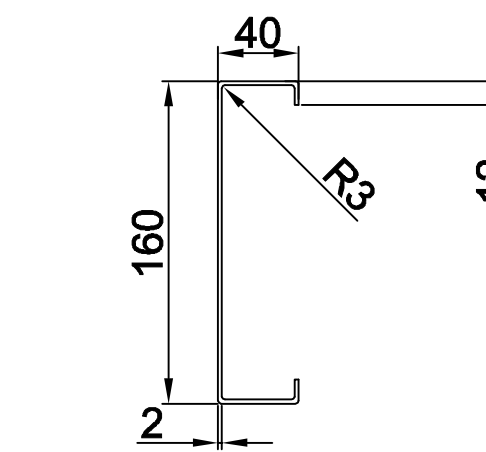
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BH&L DRG. NO.
SHT. 01 OF 01



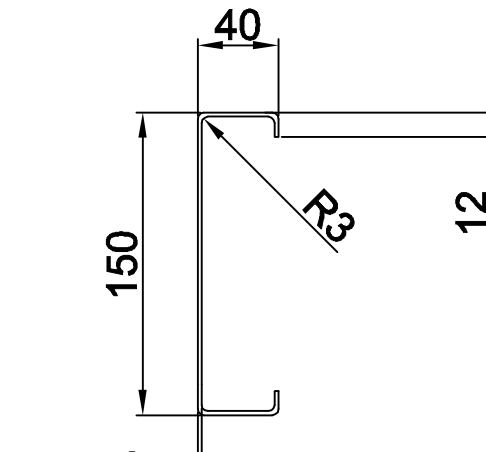
PLAN VIEW



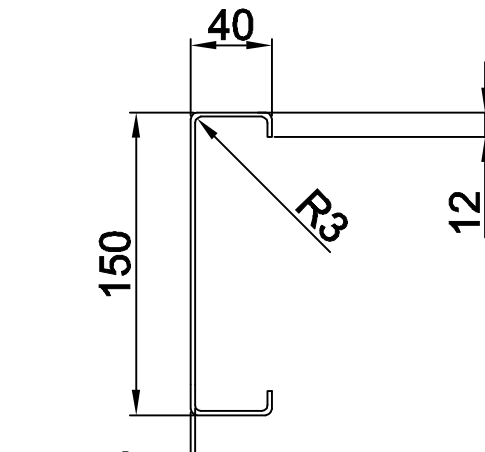
PILE FOUNDATION LAYOUT



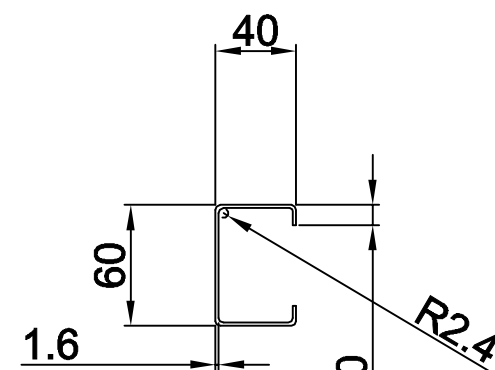
COLUMN CL1
160CS40*12*2



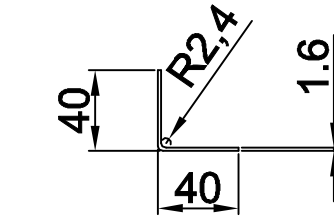
RAFTER RF1
150CS40*12*2



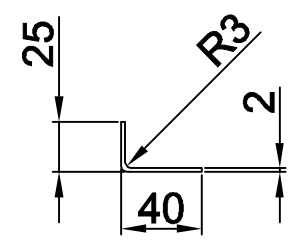
RAFTER RF2
150CS40*12*2



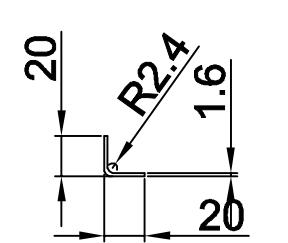
PURLIN
PU1, PU2, PU3
60CS40*10*1.6



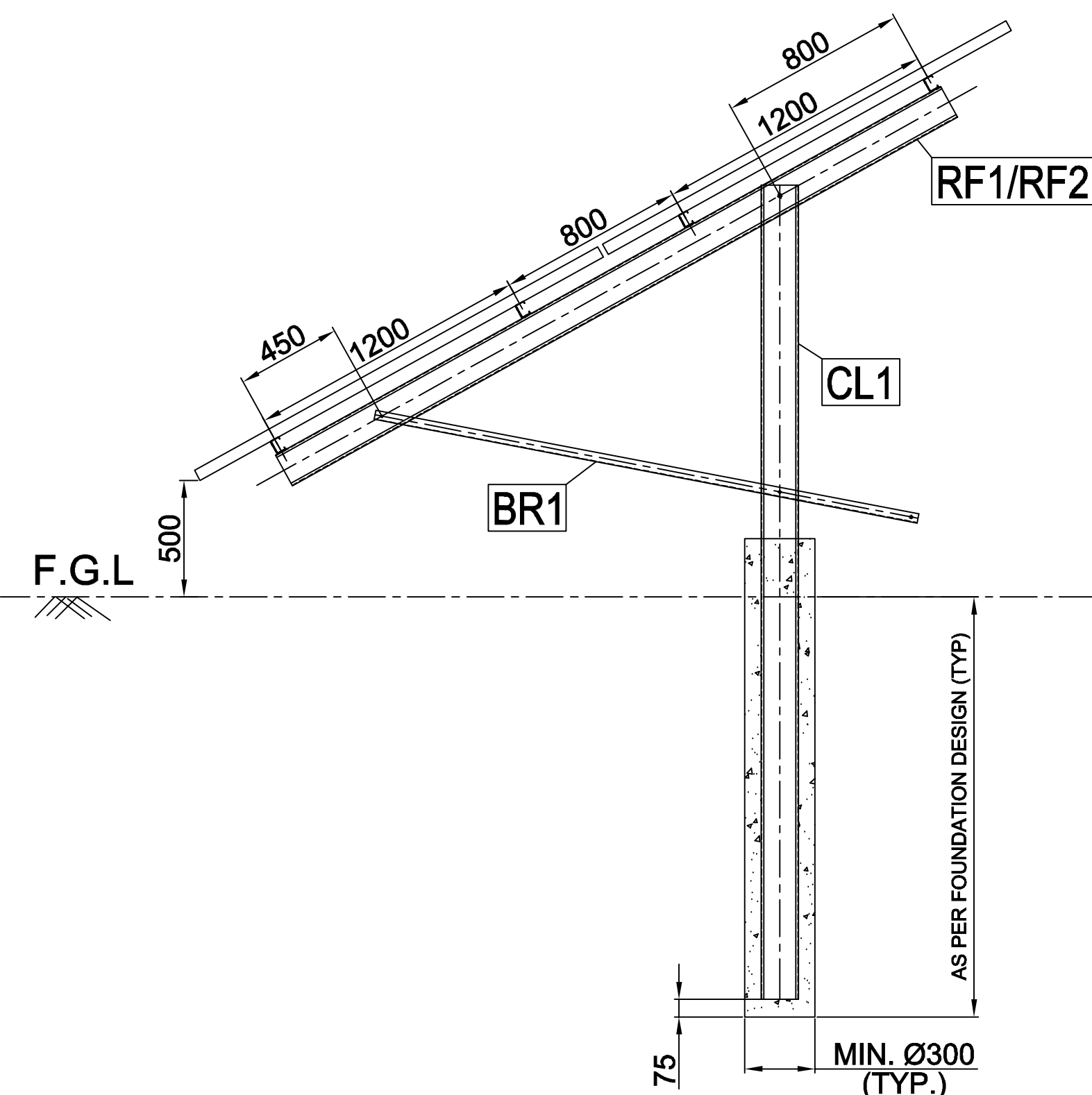
BRACING BR1
40LU40*1.6



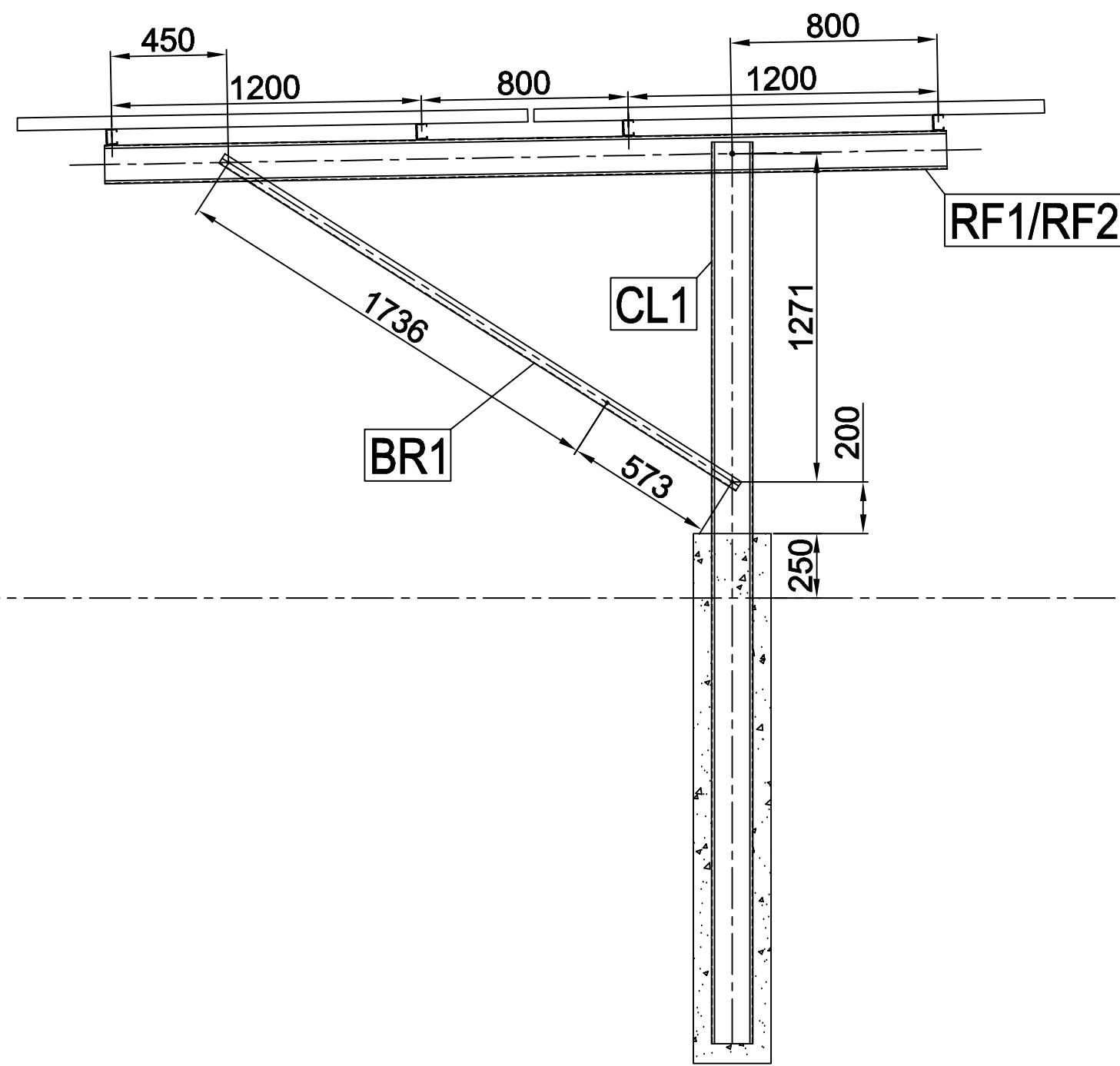
BRACING BR2
40LU25*2



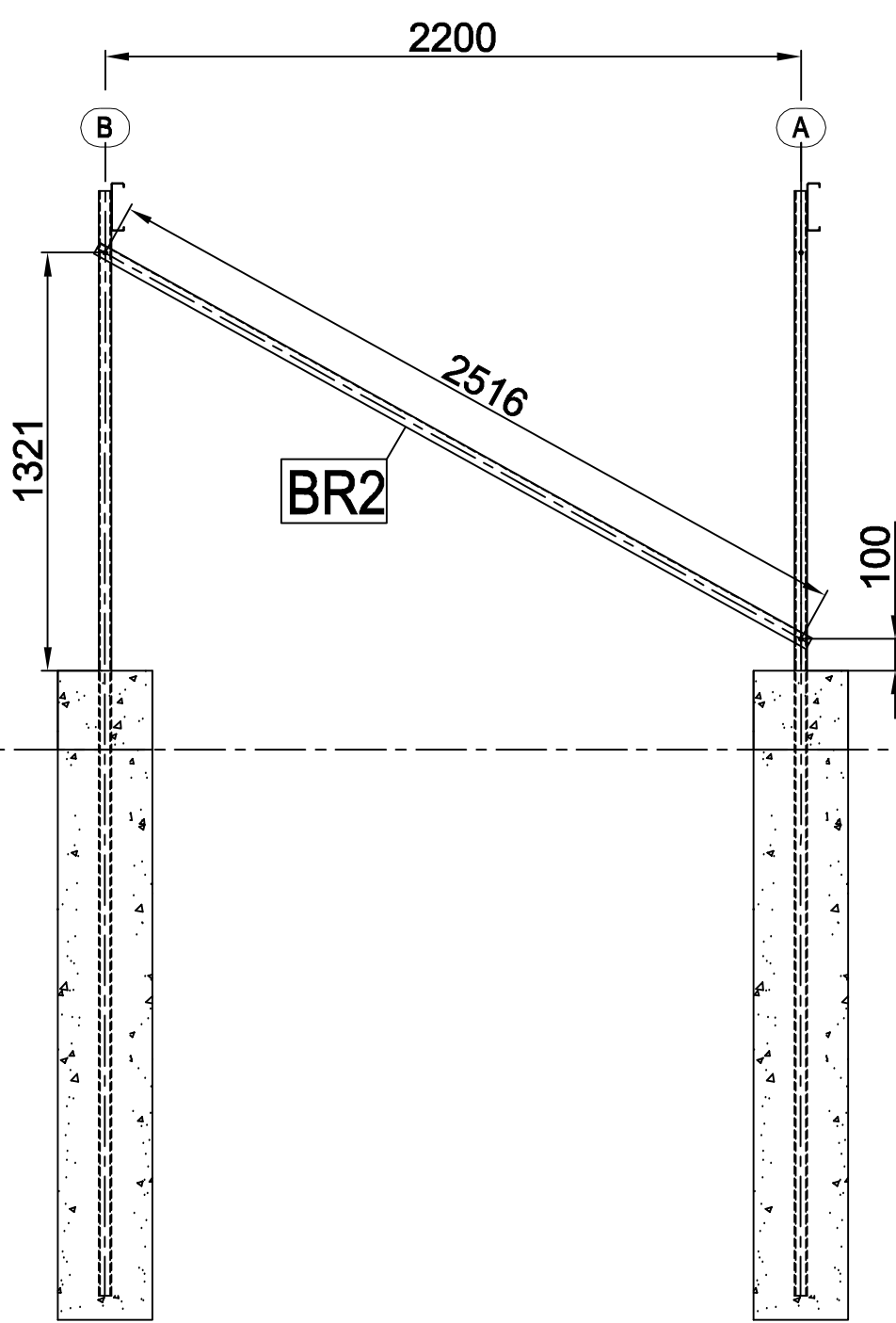
SAG ANGLE
SA1
20LU20*1.6



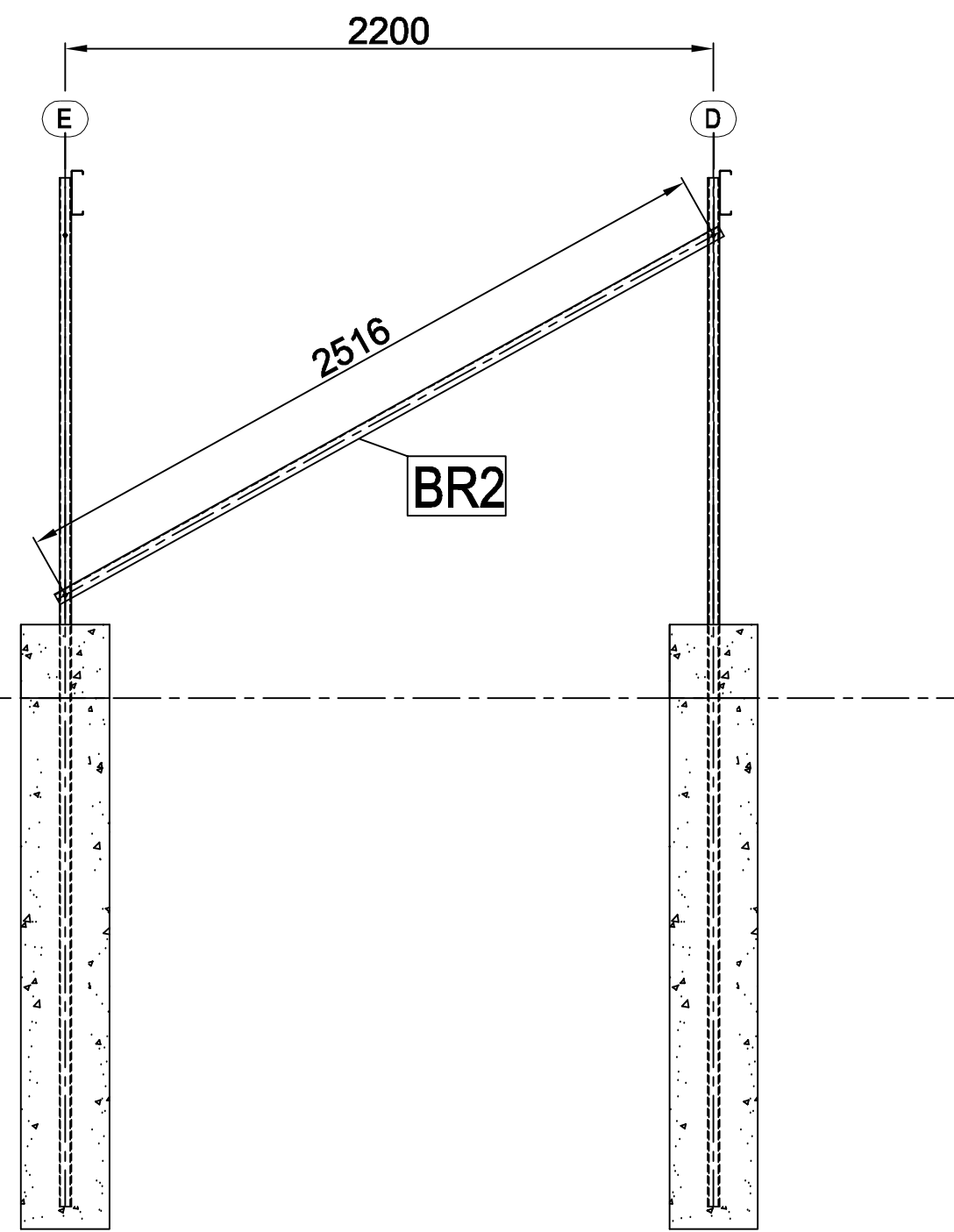
SECTION A-A FOR 29°



SECTION A-A FOR 1°



SECTION B-B



SECTION C-C

DETAIL OF PARTS								
Material Code	S.No	PART MARK	DESCRIPTION	SIZE	QUANTITY No.	MATERIAL SPECIFICATION	GRADE	GALVANIZATION
PY9760054019	1	CL1	C-COLUMN	160CS40X12X2	5	COLD FORM	FY350	HOT DIP 80 µm
	2	RF1	C-RAFTER	150CS40X12X2	3	COLD FORM	FY350	HOT DIP 80 µm
	3	RF2	C-RAFTER	150CS40X12X2	2	COLD FORM	FY350	HOT DIP 80 µm
PY9760054027	4	PU1	C-PURLIN	60CS40X10X1.6	4	COLD FORM	FY350	HOT DIP 80 µm
	5	PU2	C-PURLIN	60CS40X10X1.6	4	COLD FORM	FY350	HOT DIP 80 µm
	6	PU3	C-PURLIN	60CS40X10X1.6	4	COLD FORM	FY350	HOT DIP 80 µm
	7	BR1	ANGLE BRACING	40LU40X1.6	5	COLD FORM	FY350	HOT DIP 80 µm
	8	BR2	ANGLE BRACING	40LU25X2	2	COLD FORM	FY350	HOT DIP 80 µm
	9	SA1	SAG ANGLE	20LU20X1.6	8	COLD FORM	FY350	HOT DIP 80 µm

NOTES:-

MATERIAL

- DIMENSIONS FOR COLD ROLLED STEEL ANGLE/CHANNEL SECTIONS SHALL BE IN ACCORDANCE WITH IS:811:1987.
- DIMENSIONS OF PLATES, FLAT BARS SHALL CONFORM TO IS:1730.
- ALL COLD FORMED STEEL MATERIAL SHALL HAVE A STRENGTH AS MENTIONED IN BOM.
- BOLTS, NUTS, SCREWS, WASHERS ETC SHALL BE OF STAINLESS STEEL SS304 OF CLASS A2-70 AND OF SIZES AS PER RELEVANT IS CODES.

GENERAL NOTES

- ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
- DO NOT SCALE THE DRG. ONLY WRITTEN DIMENSIONS SHALL BE FOLLOWED.
- FABRICATION AND ERECTION SHALL BE CARRIED OUT IN ACCORDANCE WITH IS:800 AND IS:801.
- MIN. CLEARANCE BETWEEN LOWER EDGE OF MODULE & FGL SHALL BE 500MM AS SHOWN.
- TOC/HEIGHT OF COLLAR FOR MMS FOUNDATION SHALL BE 250MM ABOVE FGL.

GALVANIZATION :

ALL STRUCTURAL MEMBERS SHALL BE GALVANIZED TO MINIMUM OF 80 MICRONS OF HOT DIP GALVANIZATION FOR ALL SECTIONS AS IN ACCORDANCE WITH IS:4759.

FOLLOWING CODES HAVE BEEN USED FOR DESIGN


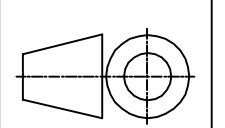
- IS 875 - CODE OF PRACTICE FOR DESIGN LOAD
- IS 801 - CODE OF PRACTICE FOR USE OF COLD-FORMED LIGHT GAUGE STEEL STRUCTURE
- IS 800 - CODE OF PRACTICE FOR USE OF HOT-ROLLED STEEL STRUCTURE

Annexure-1

Tender Purpose Only

PROJECT : 65MWp SOLAR POWER PLANT AT NEYVELI

CUSTOMER:  NEYVELI LIGNITE CORPORATION LTD.
NEYVELI - TAMILNADU

	BHARAT HEAVY ELECTRICALS LTD.		NAME	SIGN.	DATE	NO.OF VAR.
	UNIT : HYDERABAD		DRN.	SRK	-sd-	14.07.16
			CHD.	PVG	-sd-	16.07.16
			APPD.	EC	-sd-	18.07.16
DEPT. PE&SD CODE 450	UNTQ. DIMS. GR 9/M/I		SCALE	WEIGHT (KG)	REF. TO ASSY. DRG.	ITEM NO.
				N.A.	N.A.	N.A.
TITLE GENERAL ARRANGEMENT OF MODULE MOUNTING STRUCTURE (MMS)		CARD CODE NA	BH&L DRG. NO. PY-DS-1-M088-1260-01		NO. OF SHT.	REV.
			SHT. No 01		NO. OF SHT.	01