

MATERIAL LIST FOR ONE ASSEMBLY MK'D 2LS1- 1 NOS.Required						
	DESCRIPTION	GRADE	LENGTH	QTY.	UNIT WT(KG)	TOTAL WT(KG)
	PL20*200	IS2062	290	1	9.11	9.106
	PL16*150	IS2062	290	2	5.46	10.927
TOTAL FOR ONE ASSEMBLY IN Kg					=	20.033
TOTAL FOR 1 ASSEMBLIES IN Kg					=	20.033

290

240

P19

P18

T1

180

10

T1

10

1 NOS @ 22 HOLES

A technical drawing showing a cross-section of a structural element. The top horizontal line is labeled '290' with dimension lines. A vertical line on the right is labeled '20' with a dimension line. A horizontal line near the bottom is labeled '150' with a dimension line. A rectangular cutout in the center is labeled 'P18'. A diagonal line from the bottom left to the top right is labeled 'P19'. Two arrows point upwards from the bottom edge, each labeled 'A'.

The diagram shows a cross-sectional view of a stepped profile. The top horizontal segment has a total width of 200, indicated by a dimension line above it. Below this, a shorter horizontal segment has a width of 180. To the right of the 180 segment is a vertical line with a dimension of 10 extending downwards. Two rectangular callouts, each labeled 'P19', point to the vertical boundary between the 180 and 10 segments.

The image contains two technical drawings of parts labeled P18 and P19.

Part P18: A rectangular base plate with a central hole. Dimensions shown are: total width 290, height 200, and a central vertical slot with a width of 50 and a height of 100. The base plate has a thickness of 100. A note at the bottom left indicates "1 NOS Ø 22 HOLES".

Part P19: A stepped rectangular part. The top horizontal section has a width of 25. The main body has a height of 150 and a thickness of 25. The bottom horizontal section has a width of 290 and a thickness of 15. A note at the top right indicates "P19".

NOTES :

ALL DIMENSIONS ARE IN MILLIMETERS, ELEVATIONS ARE IN METERS
LESS OTHERWISE NOTED.

STRUCTURAL STEEL SHALL CONFIRM TO IS : 2062 (GRADE 250BR)

CONCRETE GRADE SHALL BE M30.

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LET WELD SHALL BE OF MINIMUM 6MM SIZE FOR SHOP WELD AND 8MM FOR SITE
WELD UNLESS NOTED OTHERWISE.

COLUMNS SHALL HAVE FULL BEARING ON BASE PLATES U.N.O.

WORKING POINTS SHALL BE W.R.T. CG LINES FOR WELDED CONSTRUCTION AND
W.R.T. GAUGE LINES FOR BOLTED CONSTRUCTION.

PLATE THICKNESS TO BE 25 MM

GRATING/CHEQUERED PLATE ARRANGEMENT REFER TYP. SKETCH GIVEN BY A.I.L.

14.04.2025	ISSUED FOR CONSTRUCTION	AR	AB	CS
DATE	DESCRIPTION	DRAWN. BY	CHK. BY	APP. BY
	CLIENT: AARTI INDUSTRIES LIMITED. (EMERALD OFFICE) - Block No. 1, 3rd Floor, Keval Corporate Park, Opp. to Channi GEB Sub-station, Chhani, Vadodara - 390002, Gujarat, In Tel : (0260) 2400366, 2400153, 2400059, Website : www.aarti-industries.com			
	CONSULTANT : TECHIN PROCESS TECHNOLOGIES PVT. LTD. Unit No. 402-B, Universal Business Park, Chandivali Farm Road, Chandivali, Andheri-E, Mumbai-400072.			
ECT NO : PJ-3014				
ECT NAME : PIN-084 PLANT				
WING TITLE : FABRICATION DRAWING OF STRUCTURAL LAYOUT & DETAIL OF SLAB AND BEAM OF 1ST,2ND,3RD & 4TH				
PROJECT NO : PIN-084				
DWG NO.				SHEET
PIN-084-TPT-PM1-CS12-002-FAB-2LS1				REV NO.
				1 OF 1
				0

ONE-LUG SUPPORT MARKED AS 2LS1