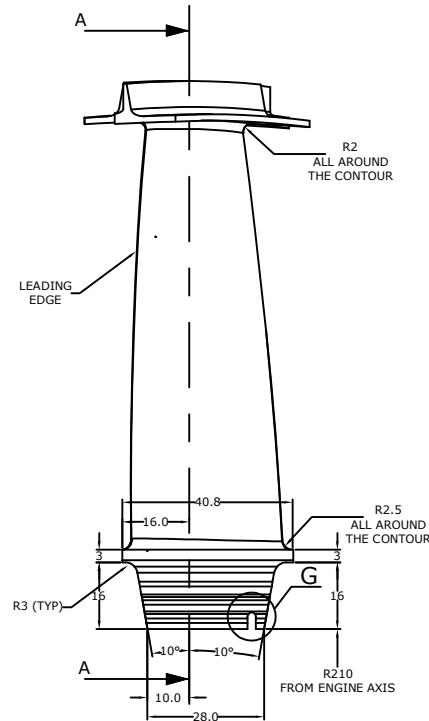
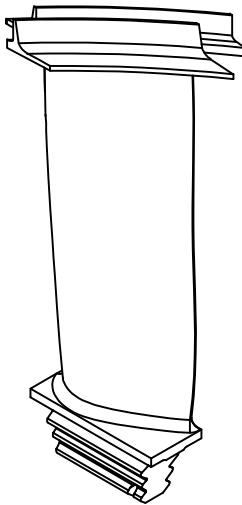
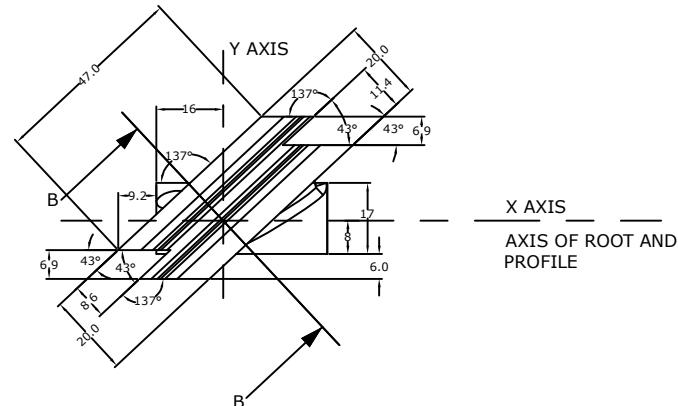
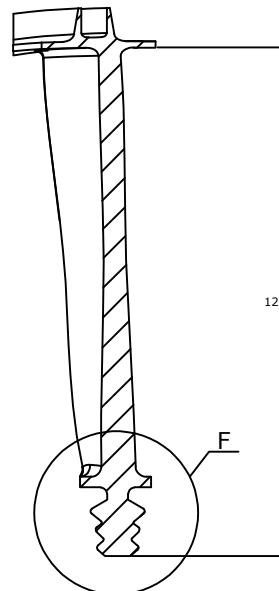


**SECTION B-B
(ROTATED VIEW)**



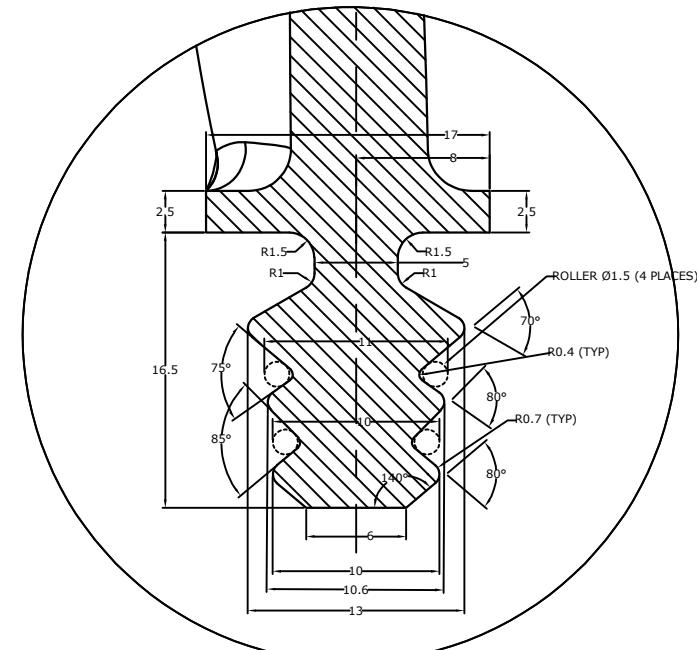
SECTION A-A



122.

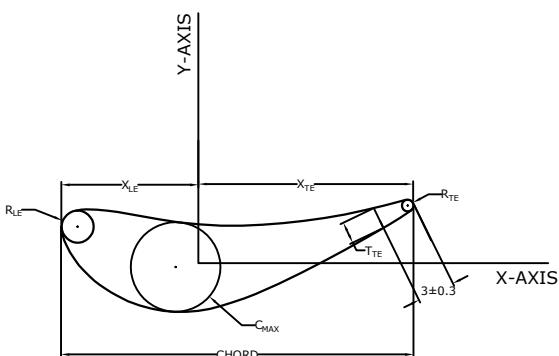
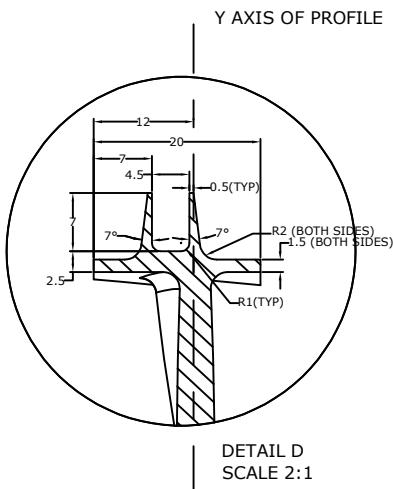
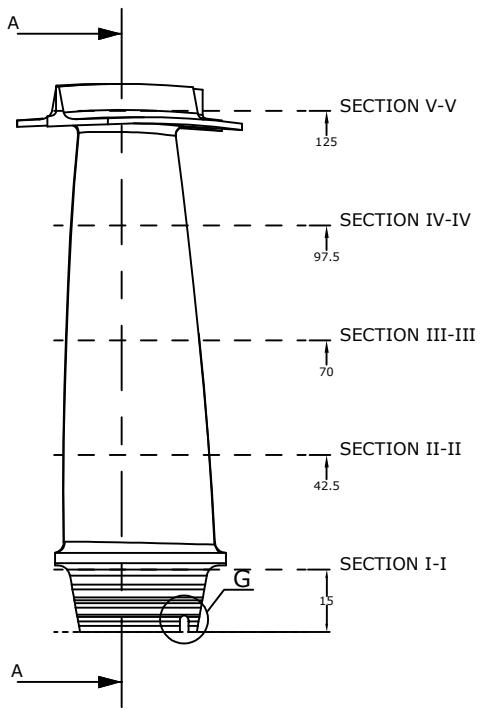


DETAIL F
SCALE 4:1



DETAIL F
SCALE 4:1

	SHEET NO.	1	PART NO.	255.1625.4251
	TOTAL SHEETS	2	PART NAME	SECOND STAGE TURBINE BLADE
SCALE 1:1	MATERIAL	ALLOY STEEL	DATE:	10.06.2025
DRAWN BY BIWAJIT S.	CHECKED BY JYOTI R. M.	APPROVED BY S. N. S. ROY	NEXT ASSEMBLY-	255.1625.5500



SECTION	I-I		II-II		III-III		IV-IV		V-V		
	X	Ycc	Xcv	Ycc	Ycv	Ycc	Ycv	Ycc	Ycv	Ycc	Ycv
-13.5	2.5638	4.6404	-1.2977	0.9065	-	-	-	-	-	-	-
-12	-0.1366	5.2906	-2.8926	1.6431	-4.7596	-2.0993	-6.683	-5.8615	-	-	-
-10.5	-1.6763	5.3628	-3.8149	2.0124	-5.1937	-1.3737	-7.2812	-4.374	-	-	-
-9	-2.778	5.2293	-4.4174	2.2374	-5.3434	-0.7907	-7.2737	-3.2989	-9.6241	-7.651	-
-7.5	-3.5972	4.9928	-4.8004	2.395	-5.3101	-0.2695	-7.0076	-2.3404	-9.1508	-5.8675	-
-6	-4.1989	4.7164	-5.007	2.5363	-5.1341	0.2361	-6.5591	-1.4187	-8.3072	-4.2685	-
-4.5	-4.6133	4.45	-5.0596	2.6951	-4.8345	0.7558	-5.959	-0.4851	-7.2304	-2.7103	-
-3	-4.8457	4.2134	-4.9629	2.8829	-4.4183	1.2995	-5.2199	0.478	-5.9629	-1.1267	-
-1.5	-4.8981	4.0156	-4.7084	3.1071	-3.8779	1.8741	-4.3383	1.4805	-4.5146	0.5035	-
0	-4.7769	3.8648	-4.293	3.3761	-3.2034	2.4876	-3.2926	2.5346	-2.8594	2.1991	-
1.5	-4.4931	3.77	-3.7135	3.6971	-2.3864	3.1452	-2.0616	3.6465	-0.9585	3.9712	-
3	-4.0769	3.7326	-2.9839	4.0695	-1.4288	3.8455	-0.6303	4.812	1.2084	5.811	-
4.5	-3.5631	3.7477	-2.1383	4.4871	-0.3581	4.582	0.9711	6.0217	3.585	7.7072	-
6	-2.9731	3.8059	-1.2029	4.9421	0.7996	5.3495	2.7028	7.2722	6.1167	9.6596	-
7.5	-2.3222	3.9012	-0.1957	5.4315	0.2065	6.1466	4.5377	8.5649	8.7632	11.6786	-
9	-1.6211	4.0317	0.8705	5.9546	3.3094	6.9744	6.4525	9.9068	11.4925	13.7692	-
10.5	-0.8803	4.1971	1.9834	6.5132	4.6361	7.8373	8.4292	11.302	14.2877	15.9234	-
12	-0.1065	4.4007	3.1345	7.1122	5.9981	8.7379	10.4537	12.7467	17.1881	18.1253	-
13.5	0.694	4.6459	4.3162	7.7528	7.388	9.6742	12.5259	14.2355	-	-	-
15	1.5167	4.932	5.524	8.4323	8.8045	10.6423	14.6853	15.7556	-	-	-
16.5	2.3602	5.2549	6.7573	9.1463	10.2549	11.6386	17.255	17.3212	-	-	-
18	3.2262	5.6106	8.0232	9.8914	11.785	12.6518	-	-	-	-	-
19.5	4.1235	5.9955	9.3512	10.6585	13.5959	13.6962	-	-	-	-	-
21	5.0858	6.4002	10.9054	11.4384	-	-	-	-	-	-	-
22.5	6.2487	6.8162	-	-	-	-	-	-	-	-	-
CHORD	36.105		36.592		35.866		35.256		34.518		
CMAX	8.98		7.78		5.38		4.86		3.41		
RLE	1.6		1.6		1.2		0.75		0.8		
RTE	0.4		0.3		0.25		0.3		0.25		
TTE	1.725		1.431		1.1166		1.1106		0.846		
XLE	13.767		13.896		13.212		12.064		9.67		
XTE	22.234		20.869		18.658		15.44		12.124		

	SHEET NO.	2	PART NO.	255.1625.4251
			TOTAL SHEETS	2
			PART NAME	SECOND STAGE TURBINE BLADE
SCALE 1:1			MATERIAL ALLOY STEEL	DATE: 10.06.2025
DRAWN BY BIWAJIT S.	CHECKED BY JYOTI R. M.	APPROVED BY S. N. S. ROY	NEXT ASSEMBLY- 255.1625.5500	