

DRG. D. 2821240

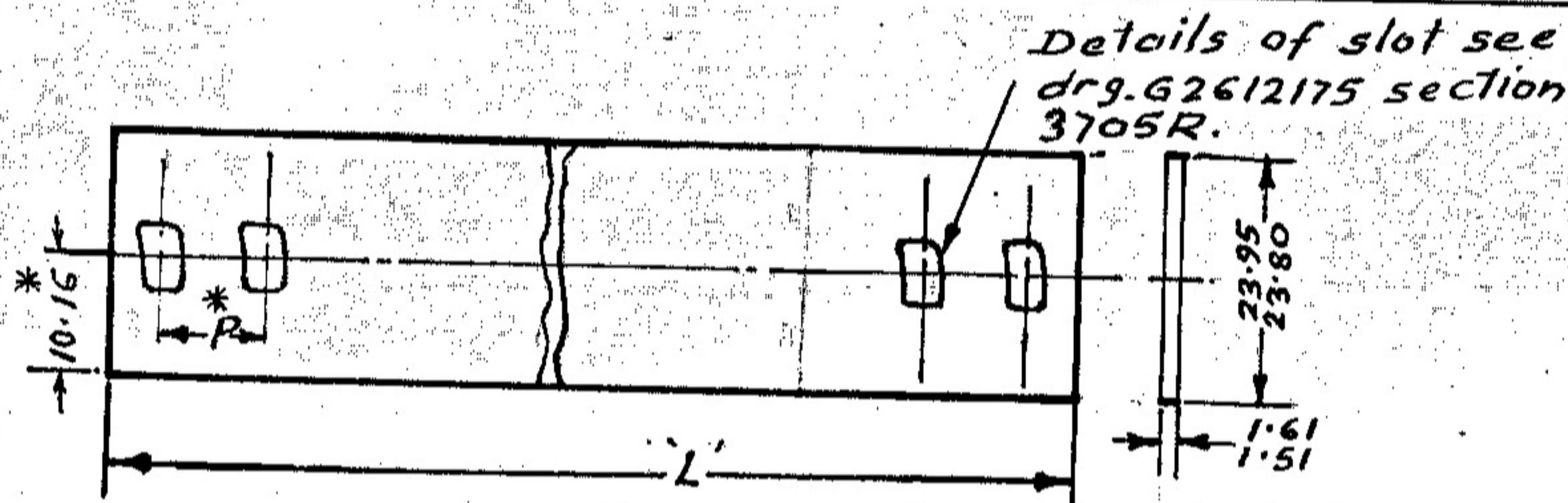
LIST OF MATERIAL

ITEM NO.	DESCRIPTION, SIZE OR WEIGHT	COMPONENT	PARTS LIST	REMARKS

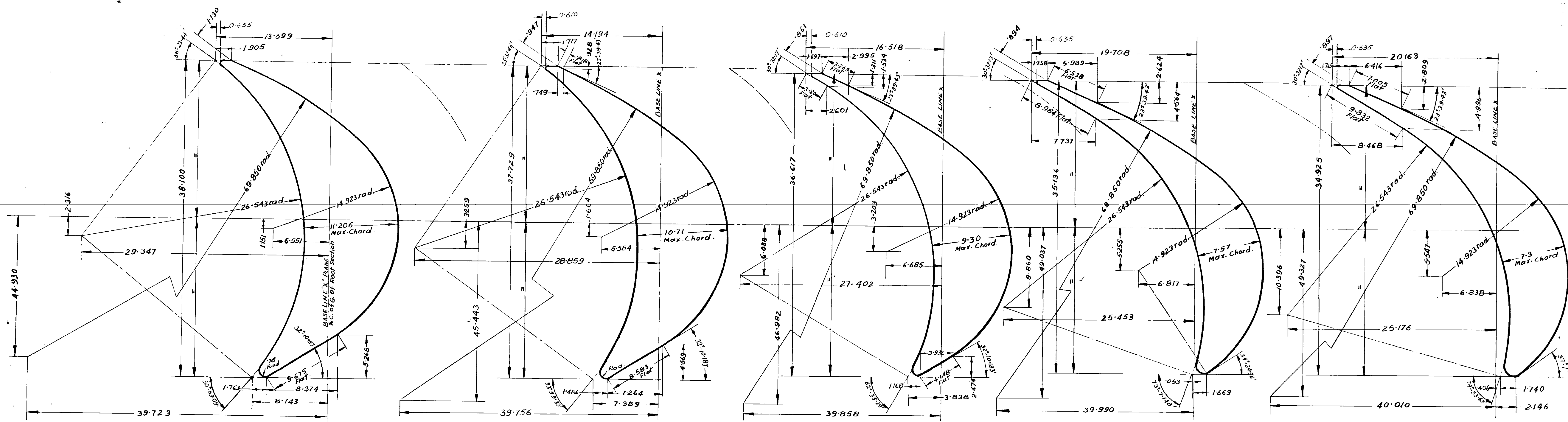
Stage No.	Dimension 'P' *	Number of segments	Length of segment 'L'	Number of blades per segment
2	9.830	14	186.69	19
		2	157.23	16
3	9.848	14	187.20	19
		2	177.30	18
4	9.870	14	187.45	19
		2	197.36	20
5	9.924	14	188.47	19
		2	218.44	22
6	9.903	14	182.88	20
		2	178.31	18
7	9.896	14	227.58	23
8	9.964	16	179.32	18
		2	189.23	19

TOOL LIST		
ITEM	TOOL No.	DESCRIPTION
	1426670	Complete Press tool for shroud punching.

*
NOTE:-1. Dimns. are for reference only.
Actual dimns. to be adjusted to suit assembled blades.
2. For blade drg. see E2760100



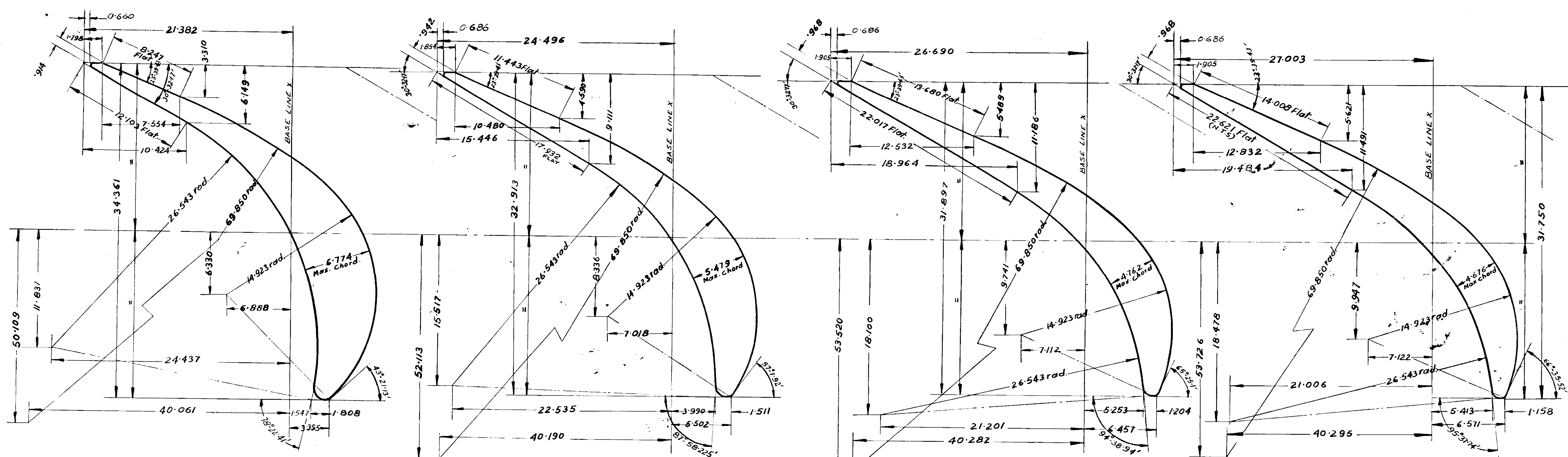
G2612603 stages 2 to 8	
DRAWING REFERENCE	
DRAWING NO. 8-B-78	
Steam Turbine.	
DATE 10/8	BY SHARMA
DATE 10/8	BY SHARMA
DATE 13/9	BY SHARMA
SHROUDING STRIP FOR STAGES 2 TO 8.	
N.T.S. D2821240	



ROOT SECTION 'J'

SECTION 'H' 12.7 FROM ROOT
TEMPLATE NO. 1514973SECTION 'G' 50.8 FROM ROOT
TEMPLATE NO. 1514972

SECTION 'F' 101.6 FROM ROOT

SECTION 'E' 108.839 FROM ROOT (MEAN SECTION)
TEMPLATE NO. 1514971SECTION 'D' 128.148 FROM ROOT
(D.O. NOTE: CONSTRUCTIONAL SECTION FOR PRECEDING RUNNER BLADE FOR 128.148 USEFUL HEIGHT.)

SECTION 'C' 177.8 FROM ROOT

SECTION 'B' 212.60 FROM ROOT

SECTION 'A' 217.68 FROM ROOT
(D.O. NOTE: CONSTRUCTIONAL SECTION GIVEN BY MECH. ENGINEERS)

METHOD OF DEVELOPEMENT TO DETERMINE INTERMEDIATE SECTIONS OF BLADE BETWEEN 'A' & 'B' 'J'

Inlet and outlet angles on back form & radii on both inside & outside forms are constant throughout the length of the blade, and the centres of the radii are on a straight line, as shown. Sections are normal to axis of development, but slide gauges may be applied to q of blade.

SECTION	DIA.	PITCH	THROAT	K
A	1794.26	29.055	11.623	.400
B	1784.00	28.890	11.580	.401
C	1714.50	27.762	11.331	.408
D	1615.19	26.154	11.008	.421
E	1576.58	25.530	10.897	.427
F	1562.10	25.296	10.856	.429
G	1460.50	23.450	10.592	.448
H	1384.30	22.416	10.384	.463
J	1358.90	22.004	10.211	.464

BASED ON - 194 BLADES PER WHEEL

