

## PIPE SCALE DETAILS

**JOB: RYCOTE PARK**  
**PITCH: A 440 @ 20°C**  
**DEPARTMENT:**

**DATE: 3<sup>rd</sup> May 2007**  
**TUNING METHOD: Cone & Slot**  
**PRESSURE: 60mm**

## MANDER ORGANS

**INITIALS: JPM**  
**TEMPERAMENT: Kellner**

No	Stop Name	Pitch	Pipes	Mat	Ears	MW	C <sup>1</sup>	C <sup>13</sup>	C <sup>25</sup>	C <sup>37</sup>	C <sup>49</sup>	F <sup>54</sup>	Remarks
1	Stopped Diapason	8	1-54	Tulip			91.5 x 73	67.5 x 46	29 x 36.5	23 x 18	14.5 x 11.5	12 x 9.5	Stopped Wood 45. Make with low cut-up.
2a	Principal Bass	4	1-6	Tulip			C 70 x 61 F 63 x 50						
2b	Principal remainder	4	6?-54	75%	None	4	(C 74) F# 58	44.5	27	16.5	9.5	8	Part Front, see DO
3	Chimney Flute	4	1-54	35%	1-36	4.5	67	43	28	18	11	9	1-12 no chimneys 13-42 internal chimneys l = 1.5 x pipe scale Ø = ¼ pipe scale 43-54 open tapered upper Ø half scale. Canisters domed
4	Fifteenth	2	1-54	56%	None	4	41.5	27	17	10	6.5	5	

On the ABO organ (on which these scales are based) we had to lower the cut-up of the basses of the Stopped Diapason to get them to speak properly, so I suggest we start with a slightly lower cut-up for these pipes. Although it has been our practice to face the blocks of the wooden pipes with mahogany, if we are making them of tulip this is probably not necessary and I would like to try that please. The wooden basses of the Principal can be tuned with metal flaps.