

PIPE SCALE DETAILS

FINAL

MANDER ORGANS

JOB: ST MICHAEL'S BECKENHAM

DATE: 1st April 2011

INITIALS: JPM

PITCH: A 440 @ 20°C

TUNING METHOD: Cone & Slot

TEMPERAMENT: Kellner?

DEPARTMENT: Great Organ

PRESSURE: 75mm

No	Stop Name	Pitch	Pipes	Mat	Ears	MW	C ¹	C ¹³	C ²⁵	C ³⁷	C ⁴⁹	A ⁵⁸	Remarks
1	Open Diapason	8	58	75%	Small 1-36	4	140	79	48	30	18	12	I need to know if that is full compass or not
1a	Helpers?	4	?	56%	1-??	4							
2	Stopped Diapason	8	58	Wood			107x85	67x53.5	42.5x33.5	26.5x21	17x13.5	12x9.5	Stopped Wood Scale 41
3	Principal	4	58	56%	Small 1-24	4	80	48	30	18	10	7.5	
4	Fifteenth	2	58	56%	Small 1-12	4	47	28	17	10	6	5	
5	Fourniture IV 1-8: 1 ¹ / ₃ .1. ² / ₃ . ¹ / ₂ 9-18: 2.1 ¹ / ₃ .1. ² / ₃ 19-30: 2 ² / ₃ .2.1 ¹ / ₃ .1 31-42: 4.2 ² / ₃ .2.1 ¹ / ₃ 43-58: 8.4.2 ² / ₃ .2	1 ¹ / ₃	232	56%	None	4	(2' 42)	1' 25	¹ / ₂ ' 15	¹ / ₄ ' 9	¹ / ₈ ' 6	¹ / ₁₆ ' 5	
6	Trumpet	8	58	56%			110	85	65	50	39	31	Domed shallots. Scale 13

DEPARTMENT: Swell Organ**PRESSURE: 75mm****JOB: St Michael's Beckenham**

No	Stop Name	Pitch	Pipes	Mat	Ears	MW	C ¹	C ¹³	C ²⁵	C ³⁷	C ⁴⁹	A ⁵⁸	Remarks
7a	Gedackt 1-12?	8	??	Wood			107x85 B=70x 55.5						Wooden Basses? Please advice if needed and how many (probably mounted outside box).
7b	Gedackt 13-58??	8	??-58	1-12 556% rest 35%	??-42	4	100	65	42	30	20	16	Domed canisters
8	Principal	4	58	56%	Small 1-24	4	76	45	28.5	17	9.5	7.5	
9	Chimney Flute	4	58	35%	1-42	4	67	44	29	19	12.5	10	13-36 internal chimneys ¹ / ₅ Ø. Length 1.5 x Ø. Domed canisters. 37-56 upper Ø ¹ / ₂ scale
10	Recorder	2	58	35%	1-18	4.5	55	34	20	11.5	7	5	1-24 tapered 1:2, becoming parallel by c49
11	Sesquialtera II 1-58: 2 ² / ₃ .1 ³ / ₅	1 ² / ₃	112	56%	to 1'	4	2 ² / ₃ ' 52 2' 42	1' 25	¹ / ₂ ' 15	¹ / ₄ ' 9	¹ / ₈ ' 6	¹ / ₁₆ ' 5	
12	Oboe	8	58	56%			70 B 52	66	51	40	33	29	Square end shallots. Scale 13. Scale details as St. Agnes. Domed shallots scale no. 13 See separate sheet. If there is lack of space, more than the bottom 8ve may have to be Bassoon pipes

DEPARTMENT: Pedal Organ**PRESSURE: 75mm****JOB: St Michael's Beckenham**

No	Stop Name	Pitch	Pipes	Mat	Ears	MW	C ¹	C ¹³	C ²⁵	F ³⁰	Remarks
13	Bourdon	16	30	Wood			183x 151	115x95	73x60	60x50	Bourdon Scale No. 17 (Internal sizes given)

NB! It is possible that there will be a change to the contract to enable the Great Open Diapason and Trumpet to be played on the Pedal in the same way as they are on the Cripplegate organ. We will be advised about that.