

# PIPE SCALE DETAILS

**JOB: CRIPPLEGATE EAST ORGAN**

**PITCH: A 440 @ 20°C**

**DEPARTMENT: Great Organ**

**DATE: 22<sup>nd</sup> June 2006 (Revised)**

**TUNING METHOD: Cone & Slot**

**PRESSURE: 75mm**

# 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>	A <sup>58</sup>	Remarks
1	Open Diapason	8	58	75%	Small 1-36	4	150	92	55	32	19	14	Front pipes 1- 29 1-30 common to Pedal Principal
2	Stopped Diapason	8	58	Tulip			107x85	67x 53.5	42.5x 33.5	26.5x 21	17x 13.5	12x9.5	
3	Principal	4	58	56%	1-24 (small)	4	89	53	32	19	12	8	
4	Fifteenth	2	58	56%	1-12 (small)	4	52	31	19	11.5	7.5	5	
5	Mixture IV 1-8: 1 <sup>1</sup> / <sub>3</sub> .1 <sup>2</sup> / <sub>3</sub> . <sup>1</sup> / <sub>2</sub> 9-18: 2.1 <sup>1</sup> / <sub>3</sub> .1 <sup>2</sup> / <sub>3</sub> 19-30: 2 <sup>2</sup> / <sub>3</sub> .2.1 <sup>1</sup> / <sub>3</sub> .1 31-42: 4.2 <sup>2</sup> / <sub>3</sub> .2.1 <sup>1</sup> / <sub>3</sub> 43-58: 8.4.2 <sup>2</sup> / <sub>3</sub> .2	1 1/3	232	56%	none	4	(2' 45)	1' 28.5	<sup>1</sup> / <sub>2</sub> ' 18	<sup>1</sup> / <sub>4</sub> ' 11.5	<sup>1</sup> / <sub>8</sub> ' 7	<sup>1</sup> / <sub>16</sub> ' 4.5	
6	Trumpet	8	58	56%			110	85	65	50	39	31	Domed Shallots, scale No.13

**DEPARTMENT: Swell Organ****PRESSURE: 75mm****JOB: Cripplegate East**

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>	A <sup>58</sup>	Remarks
7a	Gedackt Basses	8	1-12	Tulip			107x85 B=70x 55.5						Mounted outside swell box speaking into it.
7b	Gedackt	8	13-58	35%	13-42	4		70	46	30	20	15	Domed canisters, 51-58 open upper Ø half scale
8	Principal	4	58	56%	1-24 (small)	4	87	52	31	19.5	12	7	
9	Chimney Flute	4	58	35%	1-42	4	67	44	29	19	12.5	10	13-36 internal chimneys <sup>1</sup> / <sub>5</sub> Ø length 1.5 x Ø. Domed canisters. 37-56 upper Ø <sup>1</sup> / <sub>2</sub> 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 <sup>2</sup> / <sub>3</sub> .1 <sup>3</sup> / <sub>5</sub>	2 2/3	116	56%	To 1'	4	2 <sup>2</sup> / <sub>3</sub> ' 54 2' 44	1'=27	<sup>1</sup> / <sub>2</sub> '=17	<sup>1</sup> / <sub>4</sub> '=10.5	<sup>1</sup> / <sub>8</sub> '=7	<sup>1</sup> / <sub>16</sub> '=4.5	
12	Oboe	8	8	56%			70 B = 52	66	51	40	33	29	French, no flaps. Domed shallots scale no. 13. 1-12 Bassoon basses

**DEPARTMENT: Pedal Organ****PRESSURE: 75mm****JOB: Cripplegate East**

No	Stop Name	Pitch	Pipes	Mat	Ears	MW	C <sup>1</sup>	C <sup>13</sup>	C <sup>25</sup>	F <sup>30</sup>	Remarks
13	Bourdon	16	30	Tulip			198 x 163	125 x 103	79 x 65	65 x 54	
14	Principal	8	0								Transmission from Great
15	Trumpet	8	0								Transmission from Great