

# PIPE SCALE DETAILS

# MANDER ORGANS

**JOB:** MANSION HOUSE/WESTMINSTER ABBEY

**DATE:** 15th June 2012

**INITIALS:** JPM

**PITCH:** A 440 @ °C

**TUNING METHOD:** Slides Cone & Slot

**TEMPERAMENT:** Kellner

**DEPARTMENT:** Manual I

**PRESSURE:** 75mm

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>	G <sup>56</sup>	Remarks
1	Open Diapason TC	8	13-56	75%	none	4	-	76	45	27	16	12	1-12 from St. Diapason
2	Stopped Diapason	8	1-56	Pine			91.5 x 73	57.5 x 46	36.5 x 29	23 x 18	14.5 x 11.5	12 x 9.5	Stopped Wood Scale No. 45
3	Principal	4	1-56	56%	1-12	4	74	44	26	15.5	9.5	7	Fronts D2-g#21. Foot lengths and over-length from D.O.
4	Fifteenth	2	1-56	56%	none	4	42	25	15	9	5.5	4	
5	Mixture II 1-19: 1.2/3 20-36: 1 1/3.1 37-56: 2.1 1/3	1	112	56%	none	4	1' 23.5	1/2' 14.5	1/4' 8.5	1/8' 5	1/16' 4		

**DEPARTMENT:** Manual II

**PRESSURE:**

**JOB:**

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>	G <sup>56</sup>	Remarks
6	Gedackt MC	8	25-56	35%	25-42	4	-	-	42	30	20	16	Domed canisters. 1-24 from St. Diapason
7	Chimney Flute	4	1-56	35%	1-36	4	65	43	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
8	Recorder	2	1-56	35%	1-12	4.5	55	34	20	11.5	7	5	1-24 tapered 1:2, becoming parallel by c49
9	Sesquialtera II 1-56: 2 2/3.1 3/5	2 2/3	112	56%	1-12 on 2 2/3	4	2 2/3' 50 2' 40	1' 23.5	1/2' 14.5	1/4' 8.5	1/8' 5	1/16' 4	
10	Trumpet	8	1-56				95	67	50	41	35	32	1-12 half length. Shallots Mander/Hill Scale no. 1

**DEPARTMENT:** Pedal Organ

**PRESSURE:**

**JOB:**

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
11	Bourdon	16	1-30	Pine			145x 120	92/76	58/48	(f) 48/40	Bourdon Scale 23