

SPECIFICATION FOR A MECHANICAL ACTION ORGAN FOR  
 THE CHAPEL OF THE WISCONSIN LUTHERAN SEMINARY  
 MEQUON, WISCONSIN

<sup>19</sup>  
~~Twenty~~ and three half stops, <sup>three</sup> ~~twenty-five~~ ranks

HAUPTWERK:

Pommer 16'	1-9 Quinte 5 1/3' + Rohrfl. 8'	56 pipes	50% tin
Prinzipal 8'		56 pipes	70% tin
Rohrfloete 8'		56 pipes	hammered
Oktave 4'		56 pipes	70% tin
Nachthorn 4'		56 pipes	hammered
Sesquialter 2 2/3' + 1 3/5' TC (half draw)		100 pipes	40% tin
Waldflöte 2'		56 pipes	40% tin
Mixtur IV	2' at half-draw	244 pipes	70% tin
Trompete 8'		56 pipes	50% tin
Tremulant			70%
Zimbelstern			

SCHWELLWERK:

Salicional 8' GG	1-7 from Holzgedackt	49 pipes	50% tin
Holzgedackt 8'		56 pipes	oak
Spitzflöte 4'		56 pipes	40% tin
Prinzipal 2'		56 pipes	70% tin
Quinte 1 1/3'		56 pipes	40% tin
Krummhorn 8'		56 pipes	50% tin
Tremulant			

PEDAL:

Subbass 16'		30 pipes	oak
Flötenprinzipal 8'		30 pipes	oak
Choralbass 4'		30 pipes	40% tin
<del>Bassbass II</del> hd. plays 2' fd. adds 2 2/3'		60 pipes	50% tin *
Fagott 16'		30 pipes	50% tin

\* prepared for

COUPLERS:

Hauptwerk to Pedal  
 Schwellwerk to Pedal  
 Schwellwerk to Hauptwerk

The organ shall be free standing and encased.

The organ case shall be of a design to compliment the architecture of the Chapel.

The entire case shall be out of solid red oak with raised panel design.

The Builder shall submit a design for approval to the Purchaser.

The case shall be finished with three coats of clear lacquer.

The facade and principal pipes shall be out of polished tin.

The keyboard shall be attached to the organ case.

The playing and stop action shall be mechanical.

The organ shall have a blower motor of ample capacity.

The organ shall have lights for music rack and pedalboard.

---

MARTIN OTT PIPE ORGAN COMPANY INC., SAINT LOUIS, MISSOURI  
January 24, 1989

**Stop 1 of MEQ. 54**

**POMMER 16'**

56 PIPES  
1-9 ALS QUINTE 5 1/3  
GEDACKT BAUEN  
54

50% SN  
SEITENBÄRTE  
FILZ FÜR DECKEL

Scale	c1	c13	c25	c37	c49	c61
	201.5	119.7	74.3	46.1	47.3	16.2
CUT UPS	1/3	>	>	1/4	1/4	1/4
LAB	1/4	>	>	>	2/9	2/9
	-7	-6	-5	-4	-4	-4

**Stop 2 of MEQ. 54**

**PRINZIPAL 8'**

56 PIPES

see extra sheet for  
facade lay-out

54 70%, RUNDLABIUM

Scale	c1	c13	c25	c37	c49	c61
	142.6	84.7	50.4	29.9	17.8	10.5
Lab: 1/4, cut ups 1/4			ALL -2			

**Stop 3 of MEQ. 54**

**ROHRFLOETE 8'**

56 PIPES  
1-12 baut M. OTT

1-12 by M.OTT, OAK  
13-56 MIT ROHR  
SEITENBÄRTE, AB 20MM  
SPALTLEDER

52 54

Scale	c1	c13	c25	c37	c49	c61
#1 88/104 OAK		77.7	47.6	29.1	17.8	11.0
LAB 1/4						
CUT UP	1/3	1/3	2/7	1/4	1/4	1/4
ROHR DIA: 1/4 KP - ROHR LG: 2X Kp. Durchm.						
	-7	-4	-3.5	-2.5	-2	-1

**Stop 4 of MEQ. 54**

**OKTAVE 4'**

56 PIPES

20 SEITENBÄRTE  
70%

52 54

Scale	c1	c13	c25	c37	c49	c61
	81.1	48.2	28.7	16.9	10.1	6.0
LAB 1/4						
CUT UP 1/4						
		ALL -3				

**Stop 5 of MEQ. 54**

**NACHTHORN 4'**

56 PIPES

40%  
1-12 Gedackt  
1-30 SEITENBÄRTE

52 54

Scale	c1	c13	c25	c37	c49	c61
	70 B 46	60	37.2	23.0	14.2	8.5
LAB	1/5	1/5	<	2/9	<	1/4
CUT UP	1/3	1/3	>	1/4		
	-6 -5	+2	+3	+4.5	+5	+6

**Stop 6 of MEQ. 54**

SESQUIALTER II

2 2/3' 56 PIPES  
1 3/5' TC 44 PIPES

Fuesse der Terz  
stark einziehen  
40%

54

Scale	c1	c13	c25	c37	c49	c61
Terz 1 3/5'		25.2 -2	15.6 -1	9.7 +-0	6.0 +1	4.4
LAB		1/6	<	1/5	<	1/4
Quinte 2 2/3' 62.6		38.7	24	14.9	9.2	5.7
		1/5		1/5	2/9	2/9
	-2	-1	+ -0	+1	+2	+3

**Stop 7 of MEQ. 54**

WALDFLÖTE 2'

56 PIPES

40%  
SEITENBÄRTE 1-10

52 54

Scale	c1	c13	c25	c37	c49	c61
	52.6	31.3	19.3	11.5	7.1	4.4
	35.1	20.8	12.9	8.0	5.5	3.9
LAB	2/9	2/9	2/9	<	1/4	1/4
CUT UP 1/4						
	-1	-1	+ -0	+ -0	+1	

**Stop 8 of MEQ. 54**

MIXTUR IV

224 PIPES

70%  
Stimmringe nur bis  
zu einem Durchm. vom  
10 mm, nicht überlap  
pen

2' PLAYS SEPARAT

54

Scale	c1	c13	c25	c37	c49	c61
1 1/3	31.3	18.6	11.0	6.5	3.9	
LAB 1/4	2	2	2 2/3	4	4	
CUT UP 1/4	1	1 1/3	2	2 2/3	4	
	2/3	1	1 1/3	2	2 2/3	
ALL -6	1/2	2/3	1	1 1/3	2	

**Stop 9 of MEQ. 54**

TROMPETE 8'

56 PIPES

1/1 L, WS65mm  
50% Sn.

54

Scale	c1	c13	c25	c37	c49	c61

**Stop 10 of MEQ. 54**

SALICIONAL 8'

FROM GG 49 PIPES

50% SN

54

Scale	c1	c13	c25	c37	c49	c61

**martin ott pipe organ inc.** 3/17/1989 13:22  
**Stop 11 of MEQ. 54**  
 HOLZGEDACKT 8'  
 56 PIPES  
 ALL PIPES BUILT BY MOPOCI

CLEAR LACQUER FINISH

52 54	c1	c13	c25	c37	c49	c61
Scale	70	43	30	21	13.5	
	92	57	38	26	17.0	
CUT UP	2/5	1/3	2/7	1/4	1/4	

**Stop 12 of MEQ. 54**  
 SPITZFLÖTE 4'  
 56 PIPES  
 40% SN

54	c1	c13	c25	c37	c49	c61
Scale	84.6	50.3	31.2	18.5	11.0	6.8
	59.2	37.7	24.9	14.8	9.9	6.8
UPPER <i>m</i>	70%	75%	80%	80%	90%	100%
LAB	2/9	2/9	2/9	1/5	1/5	1/5
	-2	-2	-1	-1	-1	-0

**Stop 13 of MEQ. 54**  
 PRINZIPAL 2'  
 56 PIPES  
 70%  
 1-8 SEITENBÄRTE

52 54	c1	c13	c25	c37	c49	c61
Scale	46.2	27.4	16.3	9.7	5.7	4.0
PAB 1/4						
CUT UP 1/4						

ALL -4  
**Stop 14 of MEQ. 54**  
 QUINTE 1 1/3'  
 56 PIPES  
 40%

52 54	c1	c13	c25	c37	c49	c61
Scale	35.6	22.1	13.7	8.5	5.2	4.0
LAB	2/9	<	<	1/4		
CUT UP 1/4						
	-3	-2	-1	+0	+1	+6

**Stop 15 of MEQ. 54**  
 KRUMMHORN 8'  
 56 PIPES  
 50%SN  
 LIKE WATERLOO 29

54	c1	c13	c25	c37	c49	c61
Scale						

martin ott pipe organ inc. 3/17/1989 13:22  
 Stop 16 of MEQ. 54  
 SUBBASS 16' OAK MOPOCI  
 30 PIPES

52 54						
Scale	c1	c13	c25	c37	c49	c61
	158	100	62	f'52.5		
	200	125	79	65		

Stop 17 of MEQ. 54 <sup>TIN</sup>  
 FLÖTENPRINZIPAL 8' ~~OAK~~ FROM MOPOCI  
 30 PIPES

52 54						
Scale	c1	c13	c25	c37	c49	c61
Cut up 1/3	148.7	88.4	52.5	f'42.3		
	111.5	66.3	39.4	31.7		
Lab	2/9	<	1/4	1/4		

all -1  
 Stop 18 of MEQ. 54  
 CHORALBASS 4' 50% tin  
 30 PIPES 20 SEITENBÄRTE

54						
Scale	c1	c13	c25	c37	c49	c61
	84.7	50.4	29.9	f'24.1	ALL -2	

Lab 2/9 < < 1/4  
 all cut ups 1/4

Stop 19 of MEQ. 54  
 RAUSCHBASS II 50% tin  
 2x30 PIPES 2 2/3' 17, UND 2'  
 2 2/3' + 2' 8 SEITENBÄRTE

54						
Scale	c1	c13	c25	c37	c49	c61
2 2/3'	59.8	35.6	21.1	f'16.9	ALL -3	
2'	48.2	28.7	16.9	13.7	ALL -3	

Lab 2/9 < < 1/4  
 all cut ups 1/4

Stop 20 of MEQ. 54  
 FAGOTT 16' WIE LAFAYETTE. 43  
 30 pipes

45 43 54						
Scale	c1	c13	c25	c37	c49	c61