

M. P. MÖLLER Organ Factory

Eng. Dept.
6-20-86

Pipe Organ No. 11723 Date December 18, 1985
 For NORTHBROOK PRESBYTERIAN CHURCH, BIRMINGHAM, MICHIGAN
 Action Moller's Electro-Mechanical Console Movable
 Casing No. Grilles with Sill and Facade Finish As Per Sample
 Decorations None Motor Two Ventus 612112 1 HP
 Width of Key-bed Standard Stop Controls Draw Knobs & Tilting Tablets
 No. Manuals THREE Wind Pressure 3-1/2", R. Trp. 6"
 To be Completed February 15, 1987 Blower Pipe furnished by Purchaser

PITCH: A-440

SPECIFICATIONS

GREAT ORGAN - Unenclosed - Manual II GR STA. C/O 1-61

- | | | |
|------|-------------|---|
| 1. | 16' | Gedecktbass ^{with CHOIR} WIT. LMB Sc. 12 Wood pipes... 49 notes from #211-4.61 notes |
| 2. | 8' | Principal.....44.....17-1/2.....12 Zinc S.M. 2-1200P 61 pipes ^{11 OFF} |
| 3. | 8' | Koppelbordun....54/55/64... 2 1/2 / 1 7/8 ... Zinc & S.M.....61 pipes |
| 4. | 4' | Octave.....55.....17-1/2.....Tin.....61 pipes |
| 5. | 2' | Super Octave....69.....17-1/2.....S.M.....61 pipes |
| 6. | III-IV Rks. | Mixture.....Formula "A".....S.M.....208 pipes |
| 7. | 8' | Trumpet.....3".....Reg. F/L.....Zinc & S.M.....61 pipes |
| * 8. | 8' | Royal Trumpet...from #30..... ¹⁻⁶¹ 61 notes |
| 9. | | Chimes.....present Deagan Class "A" tubes, new Mayland ¹⁻²⁵
action and volume control, G to G #20-44.....25 tubes |
- * Affected by couplers

SWELL ORGAN - Enclosed - Manual III SW. STA. C/O 1-61

- | | | |
|-----|-------------|---|
| 10. | 8' | Flute a Cheminee.54.....21-1/2.....17 Zinc S.M.....61 pipes |
| 11. | 8' | Viole de Gambe...52.....18-1/2.....12 Zinc S.M.....61 pipes |
| 12. | 8' | Viole Celeste...58/64...18-1/2.....12 Zinc S.M.....61 pipes |
| 13. | 4' | Prestant Conique.56-2/3..17-1/2.....5 Zinc S.M.....61 pipes |
| 14. | 2' | Octavin.....68-3/4..17-1/2.....S.M.....61 pipes |
| 15. | II Rks. | Cornet (TC).....Formula "B".....S.M.....98 pipes |
| 16. | III-IV Rks. | Plein Jeu.....Formula "C".....S.M.....208 pipes |
| 17. | 16' | Basson ^{WIT. CCC 3-27A} WIT. CCC 42-1/2 F/L #1-12 1/2 L... Zinc & S.M. ¹⁻⁶¹ 73 pipes |
| 18. | 8' | Petit Trompette...from #17..... ¹⁻⁶¹ 61 notes |
| 19. | 4' | Clairon.....2-7/16" .. Reg. F/L.....Zinc & S.M.....61 pipes |
| 20. | | Tremulant |

CHOIR ORGAN - Enclosed - Manual I

CHOIR STA. C/O 1-61

C	21.	8'	Holzgedeckt	1" LMB bass, Reg. Stpd. Flute treble... Wood	1-32	61 pipes
	22.	8'	Blank draw knob, prepared for 8' Flute Celeste, 2 ranks			
	23.	4'	Spitzflöte	58-2/3..18-1/2..... 5 Zinc SM.	54/60 18/4	61 pipes
	24.	2'	Flotenprinzipal	71.....17-1/2.....	1-32	61 pipes
	25.	1-1/3'	Quintflöte	77.....17-1/2.....	S.M.	61 pipes
U	26.	III-IV Rks.	Zimbel	Formula "D"		208 pipes
U	27.	8'	Krummhorn	1" Reg...SM Tube..Lift Lid Zinc & S.M. F/L		61 pipes
	28.		Tremulant			
**	29.	16'	Royal Trumpet (TC)	from #30.....		49 notes
**	30.	8'	Royal Trumpet	4"Reg. F/L.....Zinc & S.M.		61 pipes

** Unenclosed & unaffected by couplers or tremulant

PEDAL ORGAN - Unenclosed, except as indicated

***	31.	32'	Grosspommerbass	28.....20-1/2.....	41 Zinc S.M.	56 pipes	1-32
	32.	16'	Principal	33/43...17-1/2.....	30 29 Zinc S.M.	44 pipes	
	33.	16'	Pommerbass	from #31.....		32 notes	1-32
	34.	16'	Gedeckt bass	from #1 & 21.....		32 notes	
	35.	8'	Octave	from #32.....		32 notes	
	36.	8'	Pommer	from #31.....		32 notes	1-32
	37.	4'	Choralbass	54.....17-1/2.....	6 Zinc S.M.	32 pipes	
	38.	III Rks.	Mixture	Formula "E"	S.M.	96 pipes	
****	39.	32'	Cornet	from #40		32 notes	1-32
	40.	16'	Bombarde	CCC 6", CC 3-3/4"...42-1/2...Zinc & S.M.		44 pipes	1-32
	41.	16'	Basson	from #17.....		32 notes	1-32
	42.	8'	Trompette	from #40.....		32 notes	1-32
	43.	4'	Petit Clairon	from #17.....		32 notes	1-32

*** Pommer pipes and related chestwork from existing material.

**** Chamber space & blower capacity to be reserved for 32' Bombarde pipes, 1-9 S/L, 10-12 F/L, for future addition using this drawknob.

COUPLERS

44.	Great to Pedal 8'	54.	Swell to Great 16'
45.	Great to Pedal 4'	55.	Swell to Great 8'
46.	Swell to Pedal 8'	56.	Swell to Great 4'
47.	Swell to Pedal 4'	57.	Choir to Great 16'
48.	Choir to Pedal 8'	58.	Choir to Great 8'
49.	Choir to Pedal 4'	59.	Choir to Great 4'
50.	Swell to Choir 8'	60.	Swell 16'
51.	Swell to Choir 4'	61.	Swell Unison Off
52.	Choir Unison Off	62.	Swell 4'
53.	Choir 4'	63.	Great 16'
		64.	Great 4'

ADJUSTABLE COMBINATIONS - Solid State

Great pistons	1-2-3-4-5-6-7-8
Swell pistons	1-2-3-4-5-6-7-8
Choir pistons	1-2-3-4-5-6-7-8
Pedal studs	1-2-3-4-5-6-7-8
Tutti pistons	1-2-3-4-5-6-7-8-9-10-11-12 (duplicated by toe studs)
General Cancel	
Setter piston	
A-B-C-D Memory Selector	
Combination Lock	

PEDAL MOVEMENTS

Great to Pedal Reversible, duplicated by manual piston
 Tutti Reversible, duplicated by manual piston - with indicator light
 Grosspommerbass 32' Reversible
 Cornet/Bombarde 32' Reversible
 Zimbelstern Reversible (*s* *b* *e* *l* *l* *s*)
 Balanced Expression Pedal - Choir Organ
 Balanced Expression Pedal - Swell Organ
 Balanced Crescendo Pedal - with indicator light

ACCESSORIES

Movable console
 Concave, radiating pedal clavier
 Organ bench with music shelf
 Transparent music rack with light
 Light for pedal clavier
 Motors, blowers, and action power unit of ample capacity
 Signal light and signal button
 Key operated motor switch, with indicator light
 Digital electronic clock

GENERAL

Facade uses Principal pipes from Great and Pedal.
 Casework for facade by M. P. Moller, Inc. as per drawing.

6/19/86
 DMG/mr

NORTHBROOK PRESBYTERIAN CHURCH, BIRMINGHAM, MICHIGAN

PIPE ANALYSISGREAT ORGAN

III-IV Rks. Mixture Formula "A" 208 pipes S.M. 3-1/2"

$\frac{1}{2}$	19	15	12	12	12
1	22	19	15	15	15
$\frac{2}{3}$	26	22	19	19	
$\frac{3}{4}$		26	22		

1-17 18-39 40-49 50-54 55-61

Unison 46 Sc. @ 8' 17-1/2 1/4
 Quint 49 Sc. @ 8' 17-1/2 1/4

SWELL ORGAN

II Rks. Cornet (TC) Formula "B" 98 pipes S.M. 3-1/2"

12	10	12th	74 Sc. @ #13	17-1/2	2/9	Pull in 6 Sc. between #45 & 56
17	12	17th	82 Sc. @ #13	17-1/2	1/5	

13-56 57-61

III-IV Rks. Plein Jeu Formula "C" 208 pipes S.M. 3-1/2"

15	12	8	8	8
19	15	12	12	15
22	19	15	15	
	22	19		

1-17 18-37 38-49 50-54 55-61

Unison 48 Sc. @ 8' 17-1/2 1/4
 Quint 51 Sc. @ 8' 17-1/2 1/4

CHOIR ORGAN

III-IV Rks. Zimbel Formula "D" 208 pipes Tin 3-1/2"

26	22	19	15	12	12	12	12
29	26	22	19	15	15	15	
33	29	26	22	19	19		
		29	26	22			

1-12 13-19 20-39 40-45 46-51 52-56 57-69 60-61

Unison 56 Sc. @ 8' 17-1/2 1/4
 Quint 56 Sc. @ 8' 17-1/2 1/4

PEDAL ORGAN

III Rks. Mixture Formula "E" 96 pipes S.M. 3-1/2"

15

19

22

 1-32

Unison 45 Sc. @ 8' 17-1/2 1/4
 Quint 48 Sc. @ 8' 17-1/2 1/4

32' Cornet/Bombarde Formula "F" derived from Pedal 32' Grosspommerbass unit and
 16' Principal

Notes #1-12 plays 16' Principal unit notes #8-19
 Notes #1-12 plays G-P-B unit notes #29-40
 Notes #1-12 plays G-P-B unit notes #35-46
 Notes #1-12 plays G-P-B unit notes #39-50
 Notes #13-32 plays 16' Bombarde notes #1-20