

M. P. MÖLLER Organ Factory

Engl. 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' Gedecktbasst. LMB Sc. 12 Wood pipes... 49 notes from #21-41.61 notes
 2. 8' Principal... 44... 17-1/2... 12 Zinc S.M. 2-12 OFF .61 pipes 11 OFF
 3. 8' Koppelbordun... 54/55/64... 21 1/2 / 17 1/2 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 UNIT CCC 3-3/4... 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... LMB bass, Reg. Stpd. Flute treble... Wood...	61 pipes
	22.	8'	Blank draw knob, prepared for 8' Flute Celeste, 2 ranks	54/60 18 1/2
U	23.	4' ✓	Spitzflöte..... 58-2/3.. 18-1/2.....	5 Zinc SM..... 61 pipes
U	24.	2'	Flotenprinzipal.. 71..... 17-1/2.....	Tin..... 61 pipes
U	25.	1-1/3'	Quintflöte..... 77..... 17-1/2.....	S.M..... 61 pipes
U	26.	III-IV Rks.	Zimbel..... Formula "D".....	Tin..... 208 pipes
	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 20 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, 31, 32 & 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 (5 bells)
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

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	
$\frac{2}{3}$	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	Pull in 6 Sc. between #45 & 56
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
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

NORTHBROOK PRESBYTERIAN CHURCH, BIRMINGHAM, MICHIGAN

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