

PIPE SCALE SHEET

Change 72 Stops
Gaeury 15 Stops
5-81

105 Cents
15 Rms

January 13, 1970 Revised
October 30, 1969 Revised
January 23, 1969

118 Rms.

ORGAN NO. 10641

DATE

METROPOLITAN UNITED METHODIST CHURCH

DETROIT

MICHIGAN

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GREAT ORGAN (Manual II) (Unenclosed in Right Chamber)

15

Violone	16'	61	38	18	2/9 Slotted	24 Zinc S.M.	#1-24 inc. 3-3/4" 4"
Prinzipal	8'	61 <i>f.c. 58</i>	46	18	2/9-1/4	12 Zinc S.M.	#1-12 inc. 3-3/4" 4"
Bourdon	8'	61	51 52	20 21	2/9	12 Zinc S.M.	3-3/4"
Spitzflöte	8'	61	46-2/3	19	2/9	12 Zinc S.M.	#1-12 inc. 3-3/4" 4"
Octave	4'	61	55	18	1/4	S.M.	3-3/4"
Rohrflöte	4'	61	60	21	2/9 Lg. O.S. Chimneys	S.M.	3-3/4"
Gemshorn	4'	61	56-1/2	18	1/4	S.M.	3-3/4"
Quinte	2-2/3'	61	66	18	2/9	S.M.	3-3/4"
Superoctav	2'	61	70	18	1/4	S.M.	3-3/4"
Blockflöte	2'	61	66-3/4	20	1/5	S.M.	3-3/4"
Terz	1-3/5'	61	76	18	1/5	S.M.	3-3/4"
Furniture IV Rks.	1-1/3'	244	Formula "A"	18		S.M.	3-3/4"
Scharf III Rks.	1/2'	183	Formula "B"	18		S.M.	3-3/4"
Trompete	8'	61	3-1/2	30	1-24 AA (1/8) Eschallots 25 up AA(F) Eschallots		3-3/4"
Klarine	4'	61	3" @ 8' CC	30	AA(F) Eschallots		3-3/4"

A-440

September 1, 1970

COPIES TO:

Daniels, Hose(2), Slifer, Ocker, PM Daniels,
Kreglo, Malley, Olsen(3), Zajic, Staley,
Bowers, Nye, Engr. Dept., Contract, File(2).

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POSITIV ORGAN (Manual IV) (Unenclosed in Right Chamber)

Quintadena	16'	61	46	20	2/9	24 Zinc S.M.	3-1/4"
Spitzprinzipal	8'	61	46-3/4	17	2/9-1/4	12 Zinc Tin	3-1/4"
Holzgedeckt	8'	61	Reg. Stopped Flute Bass & Treble			Wood	3-1/4"
Prinzipal	4'	61	58	17	1/4	Tin	3-1/4"
Koppelflöte	4'	61	64	20	2/9	S.M.	3-1/4"
Klein Prinzipal	2'	61	69	17	1/4	Tin	3-1/4"
Sesquialtera T.C.	II Rks. 98		Formula "C"		20	S.M.	3-1/4"
Larigot	1-1/3'	61	78-2/3	20	2/9	S.M.	3-1/4"
Siffelöte	1'	61	82-3/4	20	2/9	S.M.	3-1/4"
Zimbel IV Rks.	2/3'	244	Formula "D"		17	Tin	3-1/4"
Klein Mixture II Rks.	1/4'	122	Formula "E"		17	Tin	3-1/4"
Dulzian	16'	61	2"	Air Force Type		AA 1/8 Eschallots	3-1/4"
				Lifting Lid			
Krummhorn	8'	61	1"	S.M. Tube		C(F) Eschallots	3-1/4"
Rohr Schalmel	4'	61	1-1/4"	Reg.		C(F) Eschallots	3-1/4"

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FANFARE ORGAN (Manual V) (Unenclosed in Right Chamber)

<i>Grand</i> Grosse Cornet	V Rks.	185	Formula "F"	20		S.M.	5"
<i>Mixture</i> Grande Posaune	V Rks.	305	Formula "G"	18		S.M.	5"
Bombarde <i>Harmonique</i>	16'	61	4-1/2"	Reg. No. Har.		C(F) Eschallots	8"
Trompette Harmonique	8'	61	3-3/4"	Reg. Har. 2' F#		B(F) Eschallots	8"
Clairon Harmonique	4'	61	2-3/4"	Reg. Har. 1' C		C(F) Eschallots	8"

SWELL ORGAN (Manual III) (Enclosed in Left Chamber)

Bourdon Doux	16'	73	44	21	2/9	24 Zinc S.M.	4"	
Montre	8'	61	47	18	1/4	12 Zinc S.M.	4"	
Viola Pomposa	8'	61	50	18	2/9	12 Zinc S.M.	4"	
Viola Celeste FF	8'	56	52 @ 8' CC	18	1/5	7 Zinc S.M.	4"	
Erzähler Celestes II Rks.	8'	110	Unison Celeste	52-1/4 54-1/4	17 17	1/5 1/5	12 Zinc S.M.	4"
Prestant	4'	61	58	18	1/4	S.M.	4"	
Flute Triangular	4'	61	Reg. Triangulair Flute			Wood	4"	
Nazard	2-2/3'	61	66-2/3	20	2/9	S.M.	4"	
Doublette	2'	61	71	18	1/4	S.M.	4"	
Zauberflöte	2'	61	64	20	2/9 Har. Ged.	S.M.	4"	
Plein Jeu (2')	IV Rks.	244	Formula "H"	18		S.M.	4"	
Cymbale (1/2')	IV Rks.	244	Formula "I"	18		S.M.	4"	
Basson	16'	73	4"	Reg. Open Oboe		C(F) Eschallots	4"	
Trompette	8'	61	3"	42		C(F) Eschallots	4"	
Clairon	4'	61	2-1/16	42		D(F) Eschallots	4"	

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GALLERY SWELL ORGAN (Manual III) (Enclosed in Left Gallery)

9

Gedeckt	8'	73	)				
Flauto Dolce	8'	73	)				
Unda Maris T.C.	8'	61	)				
Muted Viole	8'	73	)				
Vox Angelica T.C.	8'	61	)			All existing pipes and action	
Fern Flute	4'	73	)			No Change	
Flautino	2'	61	)				
Echo Horn	8'	73	)				
Vox Humanna	8'	61	)				

GALLERY PEDAL ORGAN (Enclosed in Left Gallery with Gallery Swell)

12

Bourdon	16'	12		present pipes and action.	No Change		
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CHOIR ORGAN (Manual I) (Enclosed in Left Chamber)

12

Dolcan	16'	73	44-5/4	17	1/5	24 Zinc S.M.	4"
Chimney Flute	8'	61	54	21	2/9 Lg. O.S. Chimneys	12 Zinc S.M.	4"
Doppelflöte	8'	61	Large Stopped Bass, Reg. Doppelflote Treble				Wood 4"
Flute Conique	8'	61	48-2/3	19	2/9	12 Zinc S.M.	4"
Dolcan Celeste	8'	61	58-5/4	17	1/5	12 Zinc S.M.	4"
Principal	4'	61	60	18	1/4	S.M.	4"

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CHOIR ORGAN (Manual I) (Enclosed in Left Chamber)

(Continued)

Hohlflöte	4'	61	Reg. Hohlflöte				Wood	4"
Rohrnat	2-2/3'	61	66	20	2/9	Sm . O.S. Chimneys	S.M.	4"
Waldflöte	2'	61	68-3/4	20	2/9		S.M.	4"
Tierce	1-3/5'	61	76-1/2	20	1/5		S.M.	4"
Scharf	II Rks.	122	Formula	"J"	18		S.M.	4"
Clarinet	8'	61	1-1/2"	Reg.		B 1/2 Eschallots		4"

GALLERY CHOIR ORGAN (Manual I) (Enclosed in Right Gallery)

6

English Diapason	8'	73	present pipes and action, no change.					
Spitz Flute	8'	73	present pipes and action, no change.					
Flute Celeste T.C.	8'	61	present pipes and action, no change.					
Principal	4'	73	present Gt. 4' Principal pipes, present 4' action					
Super Octave	2'	73	present Gt. 2' Principal pipes, present 4' Flt. action					
Clarion	8 1/4'	73	present Gt. 8' Tpt. pipes, present Tuba action present Tuba action. #13-73, new top octave,					

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PEDAL ORGAN

** Contra Bourdon	32'	39	FFFF 8-1/2" x 11" I.D. pres. pipes	Wood	7"
Prinzipal	16'	32	32 18 2/9-1/4	29 Zinc S.M.	4"
Quintaton	16'	44	40 20 2/9	24 Zinc S.M.	4"
Octave	8'	32	45 18 2/9-1/4	12 Zinc S.M.	4"
Spitzflöte	8'	56	CC 45-2/3 19 2/9 4G 67-2/3 21 2/9	12 Zinc S.M.	4"
Octave	4'	32	56 18 1/4	S.M.	4"
Grand Harmonics III Rks.	32'	132	Formula "K" 18	22 Zinc S.M.	4"
Grave Mixture	IV Rks.	128	Formula "L" 18	S.M.	4"
** Contre Bombarde	32'	44	CCCC 14-1/2" CCC 8-1/2" pres. pipes revoiced, new tongues		7"
Double Trumpet	16'	56	CCC 7" CC 4" Reg.	B(F) Eschallots	4"
Schalmei	4'	32	22/16 3 Oboe Pattern Lifting Lid AA 1/8 Eschallots		4"

627
** Indicates that present pipes are to be retained and re-used in the new organ on new action. These pipes to be returned to Hagerstown, Maryland, revoiced and re-installed in new organ.

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SPECIAL MIXTURE FORMULAS

GREAT ORGAN

IV Rks. Fourniture Formula "A"

19	15	12	8	8
22	19	15	12	12
26	22	19	15	15
29	26	22	19	15
1-12	13-24	25-42	43-54	55-61

Unison	47	@ 8' CC	18-1/2	1/4 mouth	S.M.
Quint	48	@ 8' CC	18-1/2	2/9 mouth	S.M.

III Rks. Scharf Formula "B"

29	26	22	19	15	12	8
33	29	26	22	19	15	12
36	33	29	26	22	19	15
1-12	13-24	25-36	37-42	43-49	50-55	56-61

Unison	48	@ 8' CC	18-1/2	1/4 mouth	S.M.
Quint	49	@ 8' CC	18-1/2	2/9 mouth	S.M.

POSITIV ORGAN

II Rks. Sesquialtera Formula "C"

12	12
17	15
13-51	52-61

12th	66-3/4	20-1/2	1/5 mouth	S.M.
15th	74	20-1/2	2/9 mouth	S.M.
17th	75-2/3	20-1/2	1/6 mouth	S.M.

IV Rks. Zimbel Formula "D"

26	22	19	15	12	8	8
29	26	22	19	15	12	12
33	29	26	22	19	15	15
36	33	29	26	22	19	15
1-12	13-24	25-36	37-42	43-49	50-56	57-61

Unison	47	@ 8' CC	17-1/2	1/4 mouth	S.M.
Quint	48	@ 8' CC	17-1/2	2/9 mouth	S.M.

II Rks. Klein Mixture Formula "E"

40	36	33	29	26	22	19	15	12
43	40	36	33	29	26	22	19	15
1-12	13-18	19-24	25-30	31-36	37-42	43-49	50-56	57-61

Unison 48 @ 8' CC 17-1/2 1/4 mouth S.M.
 Quint 49 @ 8' CC 17-1/2 2/9 mouth S.M.

PANFARE ORGAN

V Rks. Grosse Cornet Formula "F"

8'	TC	#13-49	54	@	8' C	21-1/2	2/9 mouth	SM O.S.Chimneys	S.M.	37 pipes
4'	TC	#13-49	56-3/4	@	4' C	20-1/2	2/9 mouth		S.M.	37 pipes
2-2/3'	TC	#13-49	64	@	2-2/3' C	20-1/2	1/5 mouth		S.M.	37 pipes
2'	TC	#13-49	68	@	2' C	20-1/2	2/9 mouth		S.M.	37 pipes
1-3/5'	TC	#13-49	75	@	1-3/5' C	20-1/2	1/6 mouth		S.M.	37 pipes

V Rks. Grand Fourniture Formula "G"

22	19	15	12	8	8	8
26	22	19	15	12	12	12
29	26	22	19	15	15	12
33	29	26	22	19	15	15
36	33	29	26	22	19	15
1-12	13-24	25-36	37-42	43-49	50-55	56-61

Unison 45 @ 8' CC 18-1/2 1/4 mouth S.M.
 Quint 46 @ 8' CC 18-1/2 2/9 mouth S.M.

SWELL ORGAN

IV Rks. Plein Jeu Formula "H"

15	12	8	8
19	15	12	12
22	19	15	15
26	22	19	15
1-18	19-36	37-48	49-61

Unison 47 @ 8' CC 18-1/2 1/4 mouth S.M.
 Quint 48 @ 8' CC 18-1/2 2/9 mouth S.M.

IV Rks. Cymbal Formula "I"

29	26	22	19	15	12	8	8
33	29	26	22	19	15	12	12
36	33	29	26	22	19	15	15
40	36	33	29	26	22	19	15
1-8	9-16	17-24	25-32	33-40	41-49	50-56	57-61

Unison	48 @ 8' CC	18-1/2	1/4 mouth	S.M.
Quint	49 @ 8' CC	18-1/2	2/9 mouth	S.M.

CHOIR ORGAN

II Rks. Scharf Formula "J"

26	22	19	15	12
29	26	22	19	15
1-12	13-24	25-42	43-54	55-61

Unison	49 @ 8' CC	18-1/2	1/4 mouth	S.M.
Quint	50 @ 8' CC	18-1/2	2/9 mouth	S.M.

PEDAL ORGAN

32' Grand Harmonics III Rks. Formula "K"

10-2/3'	42	18-1/2	2/9 mouth	12 Zinc S.M.	44 pipes
6-2/5'	52-3/4	18-1/2	1/5 mouth	8 Zinc S.M.	44 pipes
4-4/7'	59-2/3	18-1/2	1/5 mouth	2 Zinc S.M.	44 pipes

IV Rks. Grave Mixture Formula "L"

2-2/3'	64	18-1/2	2/9 mouth	S.M.	32 pipes
2'	68	18-1/2	1/4 mouth	S.M.	32 pipes
1-1/3'	77	18-1/2	2/9 mouth	S.M.	32 pipes
1'	81	18-1/2	1/4 mouth	S.M.	32 pipes