

AEOLIAN-SKINNER (1932-1935)	GOULDING & WOOD (2007)
<b>GREAT</b> (6" wind pressure)	<b>GREAT</b> (6" wind pressure)
16 Diapason	16 Diapason (292 mm, scale 28, #1-24 existing, #25-61 new 30%, 238 x 275 mm OD, existing, #1-61)
16 Bourdon (Ped.)	
8 First Diapason (12 pipes, scale 40; 49 pipes, scale 42)	8 First Diapason (177 mm, scale 40, #1-12 existing, #13-61 new 30%)
8 Second Diapason (scale 42)	8 Second Diapason (163 mm, scale 42, #1-12 existing, #13-61 new 50%)
8 Third Diapason (scale 45)	8 Third Diapason (142 mm, scale 45, #1-12 existing, #13-61 new 30%)
	8 Violoncello (120 mm, #1-12 zinc, #13-61 50%)
8 Gemshorn	8 Gemshorn (86 mm)
8 Claribel Flute	8 Claribel Flute (131 mm, #1-12 zinc, #13-61 50%, existing)
	8 Bourdon (new, #1-12 wood, 130 mm @ #13, #13-61 30%)
5½ Quint	5½ Quint (126 mm, #1-61 existing 50%)
4 Octave (scale 54)	4 Octave (101 mm, scale 53, #1-61 new 50%)
4 Principal (scale 58)	4 Principal (85 mm, scale 57, #1-61 new 50%)
4 Flute (#2 Harmonic)	4 Flute (64 mm, #1-61 existing 50%)
3½ Tenth (scale 65)	3½ Tenth (60 mm, scale 65, #1-61 existing 50%)
2½ Twelfth (scale 69)	2½ Twelfth (50 mm, scale 69, #1-61 existing 50%)
2 Fifteenth (scale 70)	2 Fifteenth (49 mm, scale 70, #1-61 new 50%)
	2 Flageolet (60/30 mm, #1-61 new 30%)
	1¾ Seventeenth (42.3 mm, scale 74, #1-61 new 50%)
Harmonics V (scale 48, 50, 53, 53, and 56) #1-39 15.17.19.21.22 #40-61 8.10.12.14.15	2 Harmonics V* (2' = 63 mm, scale 46, new 50%) #1-39 15-17-19-21-22 #40-61 8-10-12-14-15
Plein Jeu III-VI* (1935, scale 46 and 50) #1-18 22.26.29 #19-37 12.15.19.22 #38-43 1. 5. 8.12.15 #44-61 DQ. 1. 5. 8.12.15	1½' Plein Jeu IV (1½' = 36 mm, scale 46, new 50%) #1-22 19-22-26-29 #23-34 15-19-22-26 #35-41 12-15-19-22 #42-47 8-12-15-19 #48-61 5-8-12-15
*16 Contra Tromba (12")	*16 Contra Tromba (6" wind pressure, 6", #1-61 new zinc/50%)
*8 Tromba (12")	*8 Tromba (6")
*4 Octave Tromba (12")	*4 Octave Tromba (6" wind pressure, 6", #1-61 new zinc/50%)
	16 Trompette en Chamade (Ant., 4½", #1-61 new zinc/50%)
	8 Trompette en Chamade (Ant., 3½", #1-61 new zinc/50%)
	8 Tuba Mirabilis (Solo)
	8 State Trumpet (Solo)
	Tremolo
8 Harp	Harp
4 Celesta	
Chimes	Chimes
* enclosed	* enclosed
<b>SWELL</b> (6" wind pressure)	<b>SWELL</b> (6" wind pressure)
16 Bourdon	16 Bourdon
8 Diapason (scale 42)	8 Diapason (201 mm, #1-12 zinc, new)
8 Geigen Diapason (scale 46)	8 Geigen Diapason (193 x 225 mm, #1-73 existing)
	8 Nachthorn (142 mm, new, #1-12 zinc, #13-73 50%)
8 Rohrflöte	8 Stopped Diapason (Rohrflöte, 94 x 116 mm, #1-63 existing)
8 Flute Celeste	8 Flute Celeste (142 mm, new, #1-12 zinc, #13-73 50%)
8 Flauto Dolce	8 Flauto Dolce (94 x 116 mm, #1-63 existing)
8 Gamba (scale 60)	8 Viola de Gamba (existing #1-12 zinc, #13-73 50%)
8 Gamba Celeste (scale 60)	8 Voix Celeste (existing, #13-73 50%)

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8 Salicional (scale 64)	8 Salicional (#1-12 zinc, #13-73 50%)
8 Voix Celeste (scale 64)	8 Salicional Celeste (#1-12 zinc, #13-73 50%)
4 Octave (scale 57)	4 Octave (existing, #1-12 zinc, #13-73 50%)
4 Flute Triangulaire	4 Flute Triangulaire (existing, #1-12 zinc, #13-73 50%)
	2 Super Octave (86 mm, new, #1-73 50%)
2 Piccolo	2 Piccolo (96 x 105 x 105 mm, #1-73 existing)
Chorus Mixture V (1935, scale 50 and 54) #1-15 15.19.22.26.29 #16-27 12.15.19.22.26 #28-39 8.12.15.19.22 #40-50 5. 8.12.15.19 #51-61 1. 5. 8.12.15	2 Chorus Mixture VI (2' = 46.6 mm, scale 47, new 50%) #1-12 15-19-22-26 #13-30 12-15-19-22 #31-36 8-12-15-19 #37-54 1-8-12-15 #54-61 8ve-1-5-8
Cornet V (scale 56 and 58) #1-10 8.15.19.22.24 A34 #11-61 1. 8.12.15.17	1 Cymbale III (1' = 27 mm, new 70%) #1-18 22-26-29 #19-31 19-22-26 #31-36 15-19-22 #37-42 12-15-19 #43-54 8-12-15 #55-61 1-8-12
16 Posauve (6")	16 Double Trumpet (6-1/8", new, #1-73 zinc/50%)
8 Cornopean (6")	8 Cornopean (4 1/4", existing, #1-73 zinc 50%)
8 French Trumpet	8 French Trumpet (4 1/4", new, #1-73 zinc/50%)
8 Oboe	8 Oboe (3 3/4", existing, #1-73 zinc/50%)
8 Vox Humana	8 Vox Humana (1 3/4", existing, #1-73 50%)
4 Clarion (6")	4 Clarion (3 3/4", new, #1-73 zinc/50%)
	8 Tuba Mirabilis (Solo)
	8 State Trumpet (Solo)
8 Harp	Harp
4 Celesta	
Chimes	Chimes
Tremolo	Tremolo
<b>CHOIR</b> (6" wind pressure)	<b>CHOIR</b> (6" wind pressure)
16 Gamba (ext.)	16 Contre Viole (ext., 125 mm, existing, #1-12 zinc)
	16 Quintatona (170 mm, #1-12 existing zinc, #13-61 new 50%)
8 Diapason (scale 45)	8 Diapason (142 mm (scale 4c), existing, #1-12 zinc, #13-73 30%)
8 Concert Flute	8 Concert Flute (115 x 137 mm, existing #1-73)
	8 Chimney Flute (#1-12 new wood, 81 mm @ #13, #13-73 30%)
8 Viole d'Orchestra (scale 60)	8 Viole d'Orchestra (78 mm, existing, #1-12 zinc, #1373 50%)
8 Viol Celeste (scale 60)	8 Viole Celeste (78 mm, existing, #1-12 zinc, #1373 50%)
	8 Erzähler (existing, #1-12 zinc, #13-73 50%)
8 Kleine Erzähler	8 Kleine Erzähler (existing, #13-73 50%)
8 Kleine Erzähler Celeste	
8 Quintadena (synthetic combination)	
	4 Fugara (80 mm, new, #1-61 50%)
4 Violina (scale 68)	4 Violina (54 mm, existing, #1-73 50%)
4 Flute Harmonic	
	4 Spindle Flute (78/39 mm, new, #1-61 30%)
2 3/4 Nazard	2 3/4 Nazard (43/13 mm @ #13, new, #1-61 30%)
2 Piccolo	2 Piccolo (55/20 mm, existing, #1-61 30%)
1 3/4 Tierce	1 3/4 Tierce (29/12 @ #13, new #1-61 30%)
	1 1/2 Larigot (37/24 mm, new #1-61 30%)
1 1/2 Septième	1 Siffute (41 mm, new, #1-61 30%)
	2 Full Mixture V (new, 2' = 47 mm, 50%) #1-15 15-19-22-26-29 #16-27 12-15-19-22-26 #28-39 8-12-15-19-22 #40-51 5-8-12-15-19 #52-61 1-5-8-12-15

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	32 Contra Bassoon (ext., 6", existing #1-12 zinc/50%)
16 Fagotto	16 Bassoon (4 1/8" existing, #1-73 zinc/50%)
8 Corno di Bassetto	8 Corno di Bassetto (2 1/8", existing, #1-73 zinc/50%)
8 Orchestral Oboe	8 Orchestral Oboe (2 1/2", existing, #1-73 zinc/50%)
8 Trumpet	8 Trumpet (4 3/4", new, #1-73 zinc/50%)
	4 Clarion (3 3/4", new, #1-73 zinc/50%)
	8 Trompette en Chamade (Ant.)
	8 Tuba Mirabilis (Solo)
	8 State Trumpet (Solo)
8 Harp	8 Harp
4 Celesta	
Chimes	Chimes
Tremolo	Tremolo
<b>SOLO</b> (10" wind pressure)	<b>SOLO</b> (8" wind pressure)
8 Flauto Mirabilis	8 Flauto Mirabilis (165 x 190 mm, existing #1-73)
8 Gamba	8 Gamba (115 mm, existing, #1-12 zinc, #13-73 50%)
8 Gamba Celeste	8 Gamba Celeste (115 mm, existing, #1-12 zinc, #13-73 50%)
4 Orchestral Flute	4 Orchestral Flute (90 x 104 mm, existing, #1-61 wood/30%)
	Cornet V (210 mm @ #20, existing #20-61 50%) #20-61 1-8-12-15-17
8 French Horn	8 French Horn (6", existing, #1-73 zinc/50%)
8 English Horn	8 English Horn (3", existing, #1-73 zinc/50%)
	8 Tuba Minor (5 1/8", existing, #1-73 zinc/50%)
8 Tuba Mirabilis (25")	8 Tuba Mirabilis (18" wind pressure, 6" scale, new, #1-73 zinc/50%, hooded)
	8 State Trumpet (13" wind pressure, unenclosed, 4 1/2" scale, new #1-73 zinc/50%, hooded)
	8 Trompette en Chamade (Ant.)
	Cybelstern
	Rossignal
8 Harp	Harp
4 Celesta	Celesta
Chimes	Chimes
Tremolo	Tremolo
<b>STRING</b> (floating, enc., 6" wind pressure)	<b>STRING</b> (floating, enclosed, 6" wind pressure)
Orchestral Strings VI	Orchestral Strings VI (438 pipes, existing #1-73 zinc/50%) 8' String Organ VI draws on Gt/Sw/Ch/So (438 pipes, #1-73, 50% zinc) rank 1: unison 90 mm (scale 57) rank 2: sharp 89 mm (scale 57) rank 3: unison 80 mm (scale 59 sc) rank 4: sharp 75 mm (scale 61) rank 5: unison 65 mm (scale 64) rank 6: flat 63 mm (scale 65)
<b>ECHO</b> (enclosed, 5" wind pressure)	<b>ECHO</b> (enclosed, prepared)
8 Zart Flöte (Melodia)	8 Zart Flöte
	8 Viole
8 Vox Angelica II rks, (scale 60)	8 Vox Angelica
4 Fern Flute (#3 Stopped Diapason)	4 Fernflöte
	2 Blockflöte
	16 Bassoon-Oboe (ext.)
	8 Oboe
8 Vox Humana	8 Echo Vox Humana
Chimes	Chimes
Tremolo	Tremolo

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<b>ANTIPHONAL</b> (unenclosed, prepared)	<b>ANTIPHONAL</b> (unenclosed, prepared)
8 Diapason (scale 42)	8 Diapason
8 Melodia	8 Melodia
4 Octave	4 Octave
	4 Hohlflöte
Grave Mixture II (12-15)	
	2 Fifteenth
	1½ Mixture IV
8 Tuba	8 Tuba
4 Clarion	
<b>PEDAL</b> (6" wind pressure)	<b>PEDAL</b> (6" wind pressure)
32 Diapason Stopped (Diap. ext., 8')	32 Bourdon (ext., 20¼" x 23½", existing #1-12)
16 Diapason (Open)	16 Double Open Diapason (14" x 17", existing #1-32)
16 Bourdon	16 Bourdon (new, #1-32)
16 Diapason (Gt.)	16 Diapason (Great)
16 Contra Bass	16 Contra Bass (7¾" x 9¾", existing #1-12)
	16 Contre Gamba (Sw.)
16 Gamba (Ch.)	16 Contre Viole (Ch.)
	16 Bourdon (Gt.)
16 Echo Lieblich (Sw.)	16 Echo Lieblich (Sw.)
	16 Quintaton (Ch.)
10¾ Quint (Bourdon)	10¾ Quint (Bourdon)
	8 Octave (170 mm, scale 41+8228, new, #1-12 zinc, #13-32 50%)
8 Gedeckt (Bourdon)	
8 Octave (Open)	8 Octave Wood (Open)
	8 Stopped Flute (3" x 4½", new #1-32)
8 Still Gedeckt (Sw.)	8 Still Gedeckt (Sw.)
8 Principal (Contra Bass)	8 Principal (Contra Bass)
	8 Gambe (Sw.)
	8 Bourdon (Gt.)
	8 Quintaton (Ch.)
5½ Twelfth (Bourdon)	
	4 Fifteenth (101 mm, scale 53, new, #1-32 50%)
4 Flute (Bourdon)	
	4 Cantus Flute (2.64" x 3.39", new #1-32)
	2¾ Nineteenth (66 mm, new, #1-32 50%)
	2 Twenty-second (60 mm, new, #1-32 50%)

AEOLIAN-SKINNER	GOULDING & WOOD
Harmonics V 15.17.19.21.22	
	1½ Mixture IV (1½" = 43 mm) 19-22-26-29
	32 Grand Cornet (derived)
32 Bombarde (Trombone ext. 20")	32 Contra Bombarde (ext., 16½", existing #1-12)
32 Fagotto (Ch. ext. 10")	32 Contra Bassoon (Ch.)
16 Trombone (15")	16 Bombarde (Trombone, existing #1-56)
	16 Contra Tromba (Gt.)
16 Fagotto (Ch.)	16 Bassoon (Ch.)
10¾ Quint Trombane (Gt.)	
8 Tromba (Trombone)	8 Tromba (Bombarde)
	8 Contra Tromba (Gt.)
	8 Bassoon (Ch.)
	4 Tromba Clarion (Bombarde)
4 Clarion (Trombone)	
	4 Schalmei (scale 3", new #1-32 zinc/50%)
	16 Trompette en Chamade (Ant.)
	8 Trompette en Chamade (Ant.)
	8 Tuba Mirabilis (Solo)
	8 State Trumpet (Solo)
	Tremolo
	Pedal Divide 12/13
Chimes	Chimes
8 Harp	
4 Celesta	
<b>ECHO/ANTIPHONAL PEDAL</b>	<b>ECHO/ANTIPHONAL PEDAL</b> (prepared)
16 Gemshorn	16 Gemshorn
16 Major Bass	16 Echo Bourdon
8 Gemshorn (ext.)	8 Gemshorn (ext.)
8 Gedeckt (ext.)	8 Gedeckt (ext.)
	16 Bassoon (ext.)
	8 Bassoon (Echo)