

THE BOND ORGAN

In February **1992** the five-year project of a new organ for St. Mark's was realized with the installation of the pipe organ, built by **Bond Pipe Organs, Inc.** of Portland.

The instrument contains 19 ranks, or 953 speaking pipes, located in two manual divisions plus the pedal division. It has tracker action--that is, the connection from the key to the bottom of the pipe is purely mechanical, allowing the organist control as to how air is allowed into the pipe, affecting the attack of the sound, and how air is stopped from entering the pipe, affecting the ending of the sound. The pipes of the Swell or upper manual are under expression through a balanced mechanical swell pedal. The pipes are made of several combinations of tin and lead, as well as wood. The facade pipes are made of burnished copper.

The tonal design goal was to make an instrument which could fulfill its functions in playing service music and in playing a variety of literature. Richard Bond and his staff created this instrument for this particular space. The console design follows that of *Cavaillé-Coll*, the nineteenth century French organ builder, with stop knobs located in steps, with stopknob heads tilting toward the player. It features two double draw stopknobs, in which one sound is heard in the halfway position and a more complex sound is heard in the halfway position and a more complex sound is heard when the knob is pulled the entire way. The organ case is made of solid madrone wood, a wood indigenous to southern Oregon and northern California. The music rack is made of madrone burl and rosewood. The manual white keys are made of cow bone and the blacks are made of ebony. The pedalboard is made of oak and ebony. The instrument has a 0.45 horsepower blower and features 3 5/8" wind pressure. Many, many people made donations in order to make this instrument possible. The zimbelstern was added in **2002** in memory of *Dr. William G. Evans*.

BOND PIPE ORGANS, INC., 1992, OP. 22

Great

8'	Principal	56 pipes in facade
8'	Rohrflote	56 pipes
4'	Octave	56 pipes
22/3'	Quinte	from Sesquialtera
2'	Superoctave	from Mixture
IV	Mixture	224 pipes*
II	Sesquialtera 8'	112 pipes**
8'	Trumpet	56 pipes

Swell

8'	Gedackt	56 pipes
8'	Gemshorn	44 pipes, 1-12 common with Gedackt
4'	Koppelflote	56 pipes
2'	Doublet	56 pipes
8'	Krummhorn	56 pipes
	Tremolo (for entire organ)	

Pedal

16'	Sub Bass	32 pipes
8'	Principal	30 pipes, 1-2 common with Great Principal 8'
4'	Choral Bass	31 pipes, 1 common with Great Octave 4'
16'	Fagott	32 pipes

Zimbelstern

Couplers

Great to Pedal Swell to Pedal Swell to Great

* This stop in mid-position plays the 2' Superoctave; in fully-drawn position, it plays the Mixture IV.

** This stop in mid-position plays the Quinte 22/3'; in fully-draw position it plays the Susquialtera II.

Manual Compass: C1-G56

Pedal Compass: C1-G32

