

# The Burden Basket



## St. Joseph Apache Mission Restoration Project

### REBUILDING CORNICES TO STOP LEAKS

#### Funding Progress

Since fundraising began in February 1998 we have raised \$1,235,729. Of that amount 45% came from private foundation grants, 7% from nonprofit organizations, 29% from our generous donors, 9% through our stewardship program and the remaining 10% from the hard work of raffles, food sales and concerts, plus interest earned. The work continues as funding permits: Expenses to date have been \$1,123,459.

#### Revenue & Expenses

11/1/07— 4/18/08

Revenue	
Foundation Grants	\$56,250
Steward Program	\$19,020
Donations	\$12,248
Fundraisers & Interest	
	<u>\$ 1,281</u>
<b>Total</b>	<b>\$88,799</b>
Expenses	
Payroll Expenses	\$66,790
Equipment & Supplies	\$ 2,123
Subcontractors	\$ 3,385
Office Expense	\$ 5,241
Administration & Fundraising	
	<u>\$ 2,171</u>
<b>Total</b>	<b>\$79,711</b>
<b>Funds on hand: \$141,175</b>	
In-Kind Donations from volunteers, staff and equipment use:	
	<b>\$ 63,821</b>
Roof Fund	
Donated and Pledged to date:	
	<b>\$63,258</b>



Concrete Cornice

One of the major challenges facing this restoration project is the need to replace the roof. The wood of the roof is still in very good condition, but the clay tiles, the underlayment, the flashing and the roofing nails have all come to the end of their serviceable life. Last summer we enjoyed a particularly wet “monsoon” season, which clearly highlighted the need to address this problem. Leaks through the roof caused some

damage to a few areas of stonework that have already been restored. Extensive testing with a water hose up on the roof helped us determine that some of the worse leaks were being caused by water penetrating through the concrete cornices at the top of the stone walls. While there are no obvious open cracks in the cornices, water has been finding a way through this old concrete.

To address this problem we hired **Bar-M Construction** of La Luz, NM to construct new concrete cornices. Ernest Martinez, owner of Bar-M construction, brought together an experience crew of concrete workers to take on this challenging job. The proceeds from last year’s Restoration Raffle will pay for a portion of this work.



### OUR EIGHTH ANNUAL RAFFLE IS COMING UP

This year our Restoration Raffle drawing will be held on Sunday, October 5. Again this year we will place the funds raised from the raffle into the “Roof Fund.” The estimate for the roof work needed is \$186,827. Thanks to last year’s raffle and several pledged grants we have about a third of that amount committed. We hope to raise the balance this year so that the roof work can be accomplished in 2009.

We plan to mail out the raffle tickets mid-August, so keep an eye out for them! We are sure to have some exciting prizes for the winners and for the top raffle ticket sellers.

## WINTER 2007-2008 PROGRESS REPORT



*North wall interior being restored*

Since our last issue of *The Burden Basket* (November 2007) the main focus of the restoration work has been repointing the stonework of the north wall interior. A great deal of work has been accomplished; the north wall interior and the choir loft staircase room have been finished. Still to be done are two of the side alcoves on this side of the church. While the scaffolding was in place the windows in these walls were repaired: cracked glass replaced and the window framework repainted.

Thanks to the generosity of all those who contribute to this effort we were able to keep our trainees from last summer working until January. Trainees Adam Hill and Lyle Magoosh learned a great deal and contributed much. They and their families have been grateful for the employment and the job-skills learned.

Project foreman Tommy Spottedbird continues to lead the crew and ensure first-rate work from everybody.

Arylis Chee, Nikona Hosetosavit and Martin Pizarro continue to improve their craftsmanship. Everyone on the crew deserves a great deal of credit for their dedication and commitment to doing a good job. Once the danger of frost has past the crew, along with two new trainees, will move back to the outside of the church to begin the restoration of the south wall exterior.

In November **PLE Electric** of Alamogordo, NM was hired to rewire and upgrade the electrical service on the east end of the church. We have been doing the electrical work in phases as funding permits. Approximately three-quarters of the needed electrical work in the church has now been accomplished.



*Patrick Enriquez,  
owner of PLE Electric*



*(l to r) Adam Hill, Tommy Spottedbird, Martin Pizarro,  
Nikona Hosetosavit and Lyle Magoosh*

## LOOKING FORWARD: A NOTE FROM RESTORATION ADMINISTRATOR MARY SERNA



As spring winds down and summer approaches we are preparing to interview a new group of trainees. It is always exciting to welcome new recruits to the project. They bring a high level of energy and we all get to know them and their life stories. Our motto "Restoring the Building and Rebuilding Lives" is truly a simple yet telling description of what we are doing here in Mescalero. The interesting thing is that sometimes it is our lives that are rebuilt through these young people. It is definitely rewarding to witness these young people come into their own and watch them become confident in their abilities and see the pride they gain by contributing to the restoration of this important building that is such a big part of their community. In the next *The Burden Basket* we will have story about the summer '08 trainees.



## GETTING TO THE POINT

People often ask, “What is *Repointing*?” Repointing stonework is a part of the normal maintenance work necessary for any historic stone building. Stone walls must be repointed periodically, typically every 80 to 100 years, depending on the quality of the original mortar and other variables such as climate, seismic disturbances or leaky roofs. The mortar used in the restoration of historic buildings contains lime rather than cement as a binder, to match the mortar used in the original construction. Lime putty and sand are blended into a stiff mix, one part lime to three parts sand. The **Chemical Lime Company** has donated all the lime we have used for this restoration project. The nice red-colored sand for our mortar has been donated by the family of Richard Saenz in Bent, NM. The sand is hauled to the church courtesy of the **Mescalero Apache Tribe**.

The repointing process involves the following steps: First deteriorated mortar is removed, usually digging into the mortar joints one to two inches. In places we have found that the mortar is so weak it is necessary to remove a foot or more into the wall. This step also involves removing smaller stones no longer stable. The next step is to give the mortar joints and the face of the stones a good cleaning with a scrub brush and water. After the stones are clean from dust and grime a “base coat” of mortar is applied, filling in the deeper holes and resetting the smaller stones that had to be removed.

After the deep holes in the wall have been filled, and the mortar given some time to cure, a “top coat” of mortar is applied. Once the top coat cures for a day or two the surface of the top coat is scraped back using the edge of a sharp trowel so that the finished surface of the mortar flows smoothly between the stones without tool-marks, thereby exposing the sand to provide an attractive color and texture.

There is a great deal of art to this repointing work, and like any art it requires patience and craftsmanship. The guys on our restoration crew excel in this ancient and noble craft.



*BEFORE: unstable, many openings to the outdoors*

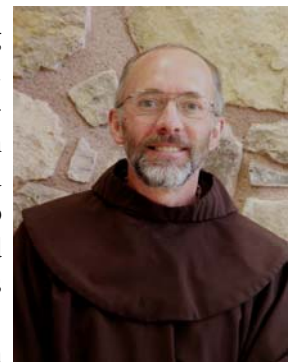


*AFTER: strong, stable, weather tight, no openings for bats*

### DIRECTOR'S REPORT: PETER A. BOEGEL, OFM

We are now in the ninth year of this fourteen year project, and I still enjoy telling people about the restoration work underway at this beloved church and veterans' memorial. Our Restoration Project website ([stjosephmission.org](http://stjosephmission.org)) has been a great way to include people in this ongoing work, so we try to keep it updated and informative. The latest offering on our homepage is a four minute video presentation describing St. Joseph Apache Mission and the restoration work we are accomplishing. Check it out - it is a nice overview. You can also view this newsletter on the website, in living color! Special thanks go to Godfrey Enjady and Steve Lee at **Mescalero Apache Telecom, Inc.** for hosting and maintaining our website as their way of contributing to this project.

We can all take pride in the good we are doing. Thank you for the part you play in this endeavor. Your generosity is ensuring that this sacred church and honored veterans' memorial will continue to serve and inspire our fellow travelers on the journey of life.



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**St. Joseph Apache Mission Restoration Project**

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[www.stjosephmission.org](http://www.stjosephmission.org)

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### **Restoring the Building and Rebuilding Lives**



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*Apple blossoms at St. Joseph Apache Mission.*