



## PRE SCHOOL WATER INTRUSION



**Owner:** Saint Mark  
Catholic Church

**Scope of Work:**  
Initial Evaluation  
Water Intrusion in to  
Cavity Walls

**Location:** Plano,  
TX

TBS provided an initial evaluation of currently deconstructed walls to determine to possible sources of moisture that promoted mold growth. Observations made on site found that the existing walls had very little drying potential due to the installation of two vapor barriers. The windows were not installed with pan flashing at the sills, and the landscaping next to the building has allowed vapor to enter the wall cavity behind the brick. We made recommendations for improvements that included, rebuilding the walls from the inside and providing an improved thermal barrier, a complete air barrier and a vapor barrier that allow a drying potential the inside.

