



**This is Where the Mural Was**

**The Former Chai Adam Synagogue Apse, with Foundation for Enclosure**



**Design & Construction of a Temporary Enclosure**



**The Roof was Designed to be Removed in it's Entirety With One Crane Pick**



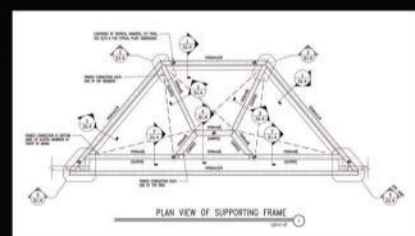
**Keys are Rebuilt to Adhere the 130 Year Old Plaster to the Lath**



**Plywood is Applied to Increase the Stiffness of the Assembly**



**Protective Panels are Applied to the Mural Surface**



**A Steel Frame is Designed to Stabilize, Hoist, Transport & Suspend the Mural at Ohavi Zedek Synagogue**



**The Steel Frame is Built Around the Mural, In Place**



**A 200ft Crane Was Used to Remove the Temporary Roof**



**The Mural is Lifted Out of the Structure**



**After the Mural is Cut From the Integrated Roof Structure & Building Side Walls**



**The Mural is Lowered to a Flatbed Truck for Transport**



**Lifted Off the Flatbed, Wheels are Installed on the Frame**



**The Mural is Wheeled in Through the Opening of the Synagogue**



**The Mural is Suspended From the Steel Frame & Suspension Rods**

American Council of Engineering Companies/Vermont Section

2016 Engineering Excellence Awards Entry

Category A: Buildings, Structures & Support Systems

# The Lost Shul Mural Relocation Project