

Architect's Inspection Report

No. 1 (Revised)

■ **A.E. Rogers**
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Project: Shrine of St. Therese Chapel Renovation **Project No.:** 0302
Client: Catholic Diocese of Juneau **Via:** Web Site
419 6th Street
Juneau, AK 99801
Attn: Thomas Fitterer
Date: March 17, 2005 (*Revised March 20, 2005*)

Date: March 17, 2005
Time: 2:30 pm
Weather: Clear, 45° F. +/-
Workers: (3) Roofers, (3) Stone cleaners,
(3) Electricians, Job Site
Supervisor

Conformance with Schedule: N.A.
Estimated % Completion: N.A.

(Revisions shown as **Bold**)

OBSERVATIONS:

I met Pete Abrams (Job Site Supervisor, Silver Bow Construction) on the site.

The following two items are in reference to page #2 of Change Order No. 6 (March 16, 2005) issued by Silver Bow Construction:

Item No. 8: Bracket Extension:

We looked at the "Bracket Extension" issue mentioned on, item no. 8. After looking at the problem and conferring with Chris Gianotti, P.E. on the phone, it was determined that the 1" clear concrete embedment on the (2) 1/2" bolts, plus whatever embedment is obtained by the brick in back of the existing concrete was sufficient to support the structural load of the bell (photos 1,2) No additional work or cost should be associated with this item.

Item No. 9: Building Movement Crack Repairs:

There are (3) general areas of cracks in the concrete walls, all over and under the windows. I measured the worst crack. It measured 1/4" to 3/8" at the top horizontal surface of the wall, shrank to 1/16" along the wall at the top of the window and became very small and disappeared under the window to the floor.

I conferred with Chris Gianotti, P.E. and we both agreed that the cracks were more than likely due to minor settlement and/or insufficient reinforcing in the concrete wall above the windows. The contractor's recommendation of adding a steel plate would not be sufficient if there was real structural foundation problems. It was our opinion that the cracks are not indicative of foundation problems. The cracks will be covered by the furred out wall. ***I would recommend that the contractor fill the interior side of the wall cracks with sealant to keep any further debris from infiltrating and wedging (photos 3,4,5). The cracks continue to the outside rock wall and follow vertical mortar joints. These cracks should be sealed with a silicone sealant (air-tight, water-tight, allow seismic and thermal expansion,***

resistant to ozone, UV and extreme temperatures), color to match existing mortar joints. This should incur little to no cost if sealant is used elsewhere on the job.

Additional Items:

1. It is recommended that a utility light, switch and duplex outlet be added in the mechanical room area in the bell tower. There is none indicated in the construction documents. Contractor should provide additional cost proposal.
2. Emergency Light Relocation: It is recommended that the emergency light moved by previous instructions from the wooden front door inset, be moved to a higher level than 84" AFF so as not to interfere with the Bride Room Door and fireplace mantel. No cost is associated with this item.
3. Bell Tower Roof Detail: Refer to Detail C/A9. The structural 3x6 P.T. member (34 LF) and associated attachments (5/8" diam. X 9" rods 12" O.C. embedment in adhesive) should be deleted. The new structure sits on top of the existing concrete wall and the addition of this member is not necessary. Contractor should provide a cost credit amount.
4. Chris Gianotti, P.E. noted that there were enough questions to him from the concrete contractor to indicate that he had not done concrete staining before. The concrete staining is an extremely important part of the interior design. It is recommended that someone with experience be present to advise and observe the beginning stages of the staining.

ATTACHMENT: Photo Sheets 1,2,3,4 & 5

END OF REPORT

Alan E. Rogers, R.A.

Date