



Photo 6 - Rubble Wall Openings

room from the remainder of the building. Compromises in the foundation wall (Photo 6) should be reinstated (although not the most critical need). In the overall integrity of the building, this should be completed and infilled with the structural capacity restored to the facility. Photos 5, 6 and 7 show some of the typical foundation walls within this building.



Photo 7 - Block Wall Infill

Recommendations

Rebuild and refill openings in masonry and stone walls that have been compromised over the history of the building.

.2 Ground and Second Floor

The construction of the original superstructure (2 storeys high) appears to be exterior brick walls with an interior timber framing system. This timber framing consists of studs, walls and floor joists and well as some heavy timber beams. It is noted throughout that there appears to be some movements in both the floor and wall systems. It is apparent that some of the floor areas have sagged. This may be primarily due to the framing and compromises to the framing in the basements level. The ground floor framing (observed in the basement) appears primarily to consist of hewn logs with varying spacing. These logs have been compromised extensively as the building systems have been added during the life of this structure. As plumbing, electrical and mechanical system have been added, piping have been slotted through and around various beams and floor framing members. Photo 8 indicates a typical situation where a timber beam/joist has been cut away to incorporate infrastructure within this building. Although the infrastructure in this particular photo has been since removed, the loss of section is still apparent and must be dealt with. It is noted in Photo 8 that a temporary shoring jack has been placed and it is recommended that this be replaced with a more permanent column founded on a suitably sized footing. This beam supports the corridor walls on the ground floor and second floors and may require a slight raise to restore some of the sag that has occurred.



Photo 8 - Notched Hewn Log