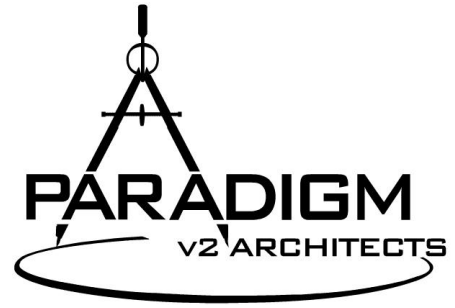


FIELD REPORT

01



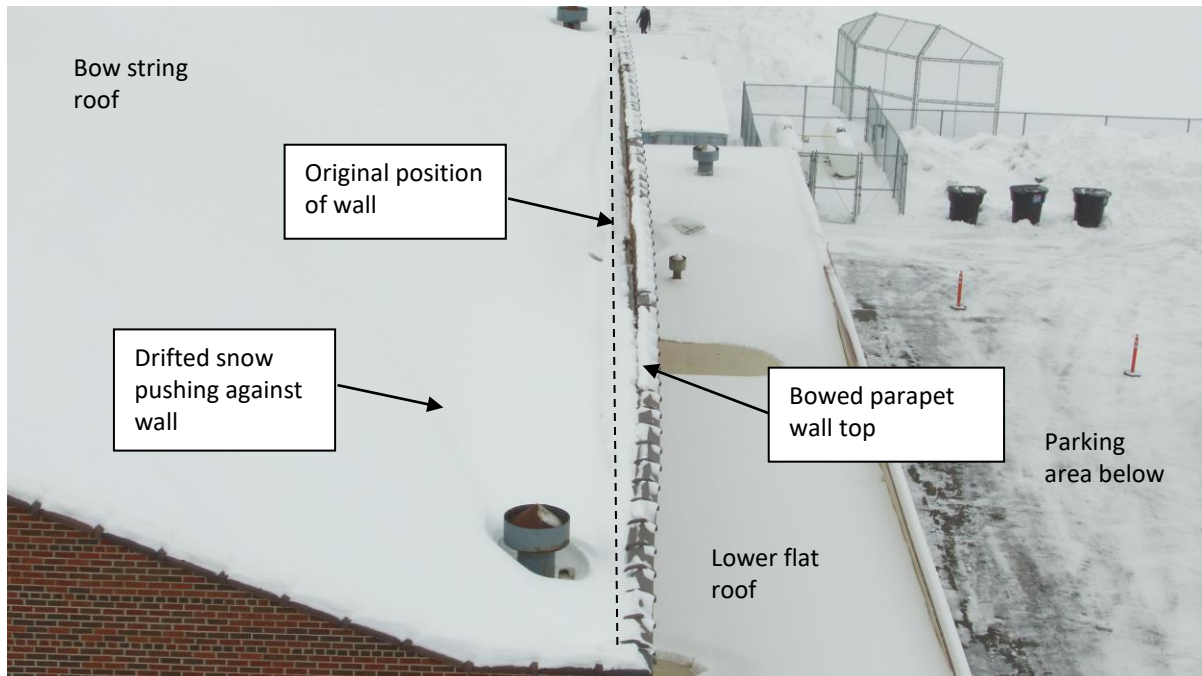
PROJECT: Polson Linderman Gym Parapet
LOCATION: 312 4th Avenue East, Polson MT
FIELD REPORT NO: 01
DATE OF REPORT: 01-02-18

TIME: 2:00 PM to 5:00 PM

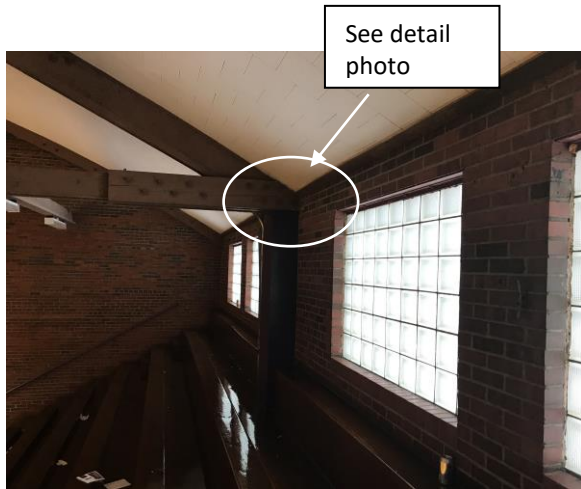
WEATHER: 15 degrees, cloudy

FILED BY: Paul Bishop

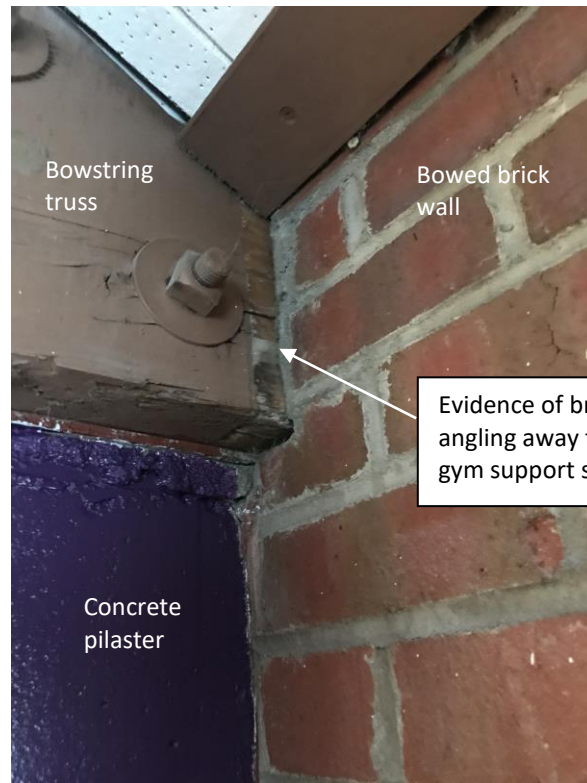
Present:	Rex Wetz, Superintendent	Polson School District
	Dan Giles, Facilities Manager	Polson School District
	Tom Beaudette, Engineer	Beaudette Consulting Engineers, Missoula
	Dave Simons, Bldg. Inspector	City of Polson
	Brent Burland, Drone operator	Finley Point Fire Department
	Paul Bishop, Project Manager	Paradigm v2 Architects PC, Missoula



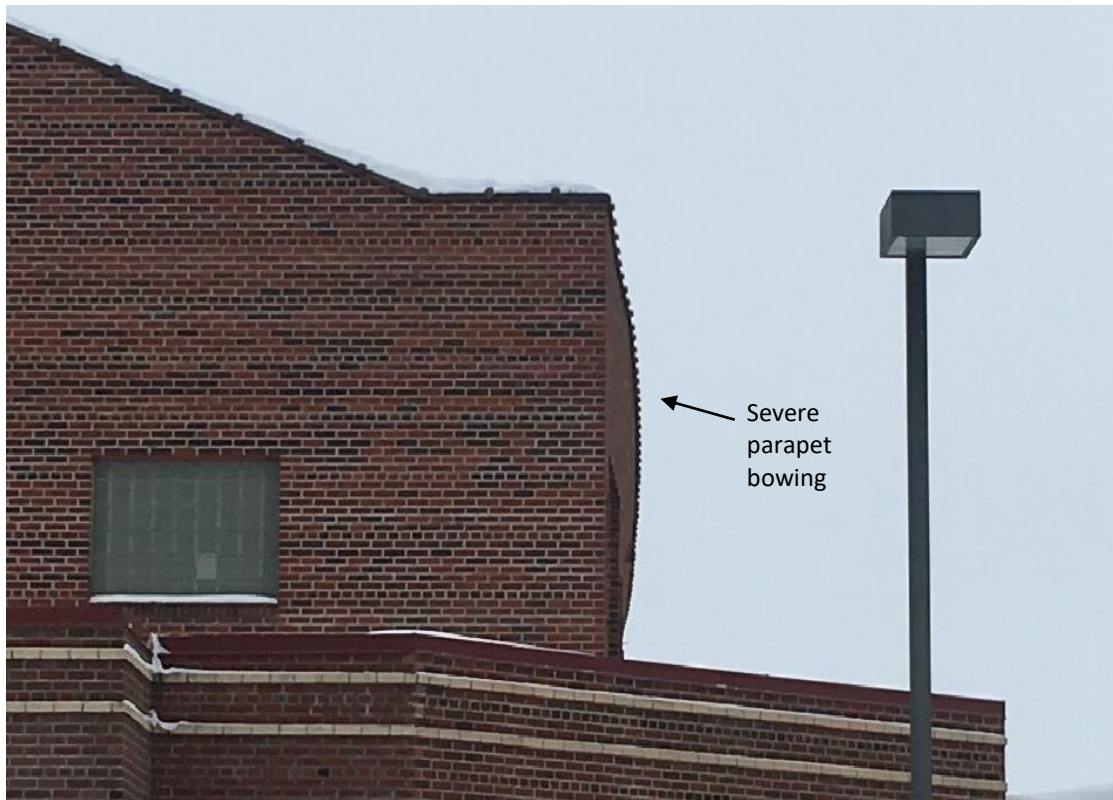
View from Finley Point Fire drone



Representative interior view



Concrete column, roof truss, brick wall connection



End view of bowed wall (Dan Giles photo)

OBSERVATIONS & DISCUSSIONS:

1. Paradigm v2 was contacted today by Dan Giles of Polson School District. The parapet wall which Paradigm v2 and Dan (with Dan Hogan of Aegis Engineering) had investigated last summer has bowed out to a considerable degree.
2. The roof drain appeared to be functioning.
3. The Finley Point Fire Department (Brent Burland, Fire Chief) was engaged to use their high resolution drone to do an aerial assessment (see photo above). We were concerned that there was a large amount of snow and ice harbored behind the parapet but the drone images revealed there was actually very little snow build up. The drone was also able to document the severe bowing in the parapet wall.
4. The exact cause of the parapet wall bowing outward has not yet been determined.
5. Tom Beaudette, of Beaudette Consulting Engineers, did a site visit on short notice and familiarized himself with the conditions. Tom will develop a structural detail to stabilize, and possible reverse, the wall deformation. BCE will work for Paradigm v2 Architects who will in turn bill the Polson School District.
6. We had initially assumed the parapet would have to be removed but Tom felt that stabilization / repair in place was feasible. This will at least get us through the winter until further work can be done in better weather.
7. Time is of the essence for the stabilization from both a safety and gym utilization standpoint.
8. The locker rooms and music room directly below the subject parapet have been closed to use until further notice.
9. The north parapet appears to be unaffected, and is straight without any evidence of bowing or cracking.
10. We discussed who would perform the stabilization / repair work. Tom and Paul went over a list of potential contractors with expertise in this type of work. Tom suggested Bitterroot Welding of Missoula, and called them. They are an experienced and capable company with a history of success on a variety of unique and difficult projects. They have an opening in their schedule and can send a crew on short notice.
11. Paul discussed contractor procurement with Superintendent Weltz. It was agreed to retain Bitterroot Welding to perform the work.
12. Paradigm will work with the School District and Bitterroot Welding to get an agreement in place. The following contractual items were not discussed at the meeting but will be part of the project:

- The threshold for paying Montana Prevailing Wage rates is \$25,000. It is not anticipated that this project will exceed that amount so payment of prevailing wages for on-site work will not be a requirement of the Contractor.

- The Contractor shall provide proof of liability insurance and worker's compensation insurance in the terms and amounts defined at the time of contract.

- This is anticipated to be an hourly construction contract with time and materials being tallied as the means of payment. Payment would be upon satisfactory completion.

- The Contractor shall abide by the conditions of the School District's on-site code of conduct.

ITEMS REQUIRING ACTION:

1. Beaudette Consulting Engineers will develop stabilization/ repair design and drawings.

2. Paradigm will work with the School District to get Bitterroot Welding under contract and scheduled for the work.
3. Paradigm v2 will work with Dave Simons to obtain a Building Permit for the repairs. The City of Polson will waive the plan review fee, but the Building Permit fee will need to be paid by the Owner. It is estimated to be a few hundred dollars. Once a valuation for the work is established Dave can develop an exact fee amount.
4. Dan Giles will work to expose the repair area by removing ceiling tiles.
5. The locker rooms will continue to be closed to use as a safety precaution per the instructions of Superintendent Weltz. Alternate arrangements are being made for the sports events scheduled in the gym. The gymnasium and lobby may continue to be used, there will just be not access to the locker rooms and music room.
6. Parking along the south side of the gymnasium is allowed.

End of report