

FIELD REPORT

04

PROJECT: Polson Linderman Gym Partial Collapse
LOCATION: 4th Street East and 5th Avenue Polson MT
DATE OF REPORT: 01-23-18



TIME: 10:00 AM
WEATHER: 35 degrees, cloudy
FILED BY: Paul Bishop, Project Manager, Paradigm v2

Present:	Rex Wertz, Superintendent	Polson School District
	Dan Giles, Facilities Manager	Polson School District
	Burt Geiger, Superintendent	Swank Enterprises
	Cory Siderius	Siderius Excavation
	Paul Bishop, Project Manager	Paradigm v2 Architects PC

Also Siderius crew (1) and Swank crew (2)



Locker rooms demolished



Bond beam



View of cracked bond beam
(photo taken inside mechanical attic under mezzanine seating)



Cold joints in concrete columns
(photo taken inside mechanical attic under mezzanine seating)

OBSERVATIONS & DISCUSSIONS:

1. Swank crew worked with Dan Giles to prepare the locker room area for demolition.
2. At 10:30 AM Siderius Excavation began demolition of the south masonry wall and continued through the locker room area until the initial demolition was complete at around 1:30 PM. Swank assisted using a man lift and two workers.
3. Some sports uniforms, equipment, and other items were salvaged as the demolition progressed.
4. Swank was planning on further securing the remaining building with osb over one door opening and protecting one opening in the floor into the mechanical tunnel.
5. Concrete columns extend from the main floor level through the mezzanine level and support the large bow string trusses at the roof.
6. Prior to demolition Bishop used a 6' level and recorded the out-of-plumb values for the concrete columns at the mezzanine level. Post-demolition readings showed no change.
7. A 32" deep concrete bond beam supports the upper gymnasium masonry exterior wall. The bond beam shows 1 to 2 significant cracks in each span between columns, along with other smaller cracks. It is not known when these cracks occurred. The cracks do not extend up into the masonry wall above.
8. No cracks were seen in the concrete columns. Cold joints from the original construction were seen in the columns but appeared to be tight and undamaged.
9. The board formed concrete looked to be in generally good condition with no obvious defects other than the cracking noted above.
10. Siderius will commence haul off tomorrow.

11. Mark Nelson of Lake County Solid Waste directed that the metal lockers and any other metal that can be separated from the demolition debris needs to be transported to the Lake County Transfer Station instead of the landfill.

Column out-of-plumb data (columns numbered from west to east, columns leaning outward)

Column 1: 3/8" in 6'
Column 2: 1/2" in 6'
Column 3: 9/16 in 6'
Column 4: 3/4 in 6'
Column 5: 9/16 in 6'

NEXT STEPS:

1. A coordination meeting will be held on Friday, January 26 at 10:00 AM at the School District Office.
2. Tom Beaudette of DCI+BCE Engineering will attend.
3. Burt Geiger of Swank Enterprises will attend.
4. A representative of the School District's insurance company will attend.

End of report