

PROJECT Madison High School Stadium Renovations
FIELD REPORT

PROJECT Madison High School Stadium Renovations
PROJECT NO 0201-199620
CONTRACT
FIELD REPORT NO
DATE 01-11-2023
TIME 3:00pm
WEATHER Mostly Sunny, Clear
TEMP RANGE Mid 50's
PRESENT AT SITE Dr. Will Hoffman, Philip Cannady, Michael Jackson, Chris Otahal, Ian Johnson, Scott Donald, Rob Stenhouse
DISTRIBUTION Dr. Will Hoffman, Philip Cannady, Michael Jackson, Chris Otahal, Ian Johnson, Scott Donald, Rob Stenhouse
REPORT BY Rob Stenhouse, Assoc. AIA

WORK IN PROGRESS:

- Demolition of home side bleachers (about 92% complete).
- Demolition of visitor side bleachers (about 95% complete).

WORK COMING UP:

- Continued demolition work at home and visitors side, some grading was underway on visitors' side.

OBSERVATIONS:

- Observations made at the demo'd home side grandstand.
 - Site appears to have been accessed from above, not across track
 - All existing pre-cast planks removed
 - All existing grade/raker beams removed
 - Stone steps to be demolished
 - Rebar piled up on Upper concourse
 - Demolished concrete material has been placed to the west of the site where designated previously. It appears this is where further cement crushing for fill will take place.
 - Upper foundation and retaining wall exposed
 - To east of Pressbox, area of erosion undercutting the upper retaining wall and footing noted.
 - Nearby, near a raker beam and retaining wall gap, what looks to be grout fill was observed beneath the footing, possibly poured in place as a repair.
 - Upper concourse wall runs between raker beams.
- Area in front of existing pressbox now exposed.
 - Existing upper concourse retaining wall continuous, pressbox located just behind. Hard to tell how pressbox interacts with upper concourse wall and footing without further exploration.

- At north side, appears some stone veneer may sit atop retaining wall, but not verified
- Through gaps in stone veneer, looked to verify where structural backup wall for pressbox was located.
- At NW corner outside of pressbox, a gap was observed where gravel support for upper concourse walk was missing or eroded away. Asked GC to remove sidewalk in this area, adjacent to building to see how far the missing gravel base extended. See additional notes below.
- Sloppy grout infill poured to fill gaps between concourse and back of pre-cast planks obscuring view to verify stone veneer and wall relationship.

FURTHER EXPLORATION (Additional Notes)

- Sidewalk area removed at outside NW corner of pressbox as requested, 01/12/2023.
 - Missing gravel extends under pressbox building. A 4'-0" level extends at least 3'-0" past the exterior face of stone veneer under building. Further exploration needed to discover where structural wall is located.
 - H&M will fill this hole with gravel/dirt as best they can and stabilize before heavy rain expected Thursday evening.
 - Retaining wall foundation at pressbox will need to be covered. Email chain with instructions from Ian Johnson PE attached.

NEXT OAC MEETING

- Wednesday, 01/18/23, 2:00 pm

OWNER CONCERNS/QUESTIONS:

See photos:



^ Sloppy crack infill between pre-cast and upper concourse



^ Sloppy Infill – exposed footing to be covered



^ Raker beam remnants between retaining wall sections



^ Arrow indicates significant foundation undercut erosion with a potential existing grout repair below footing



^ Demolition – arrow at undercut footing



^ Gap below sidewalk – asked H&M to remove portion of walk to explore extents of hole



^ Portion of sidewalk at building corner to be removed



^ Eroded undermining at west raker beam / retaining wall



^ Demo at base of grandstand area, looking east



^ Visitor grandstand demolition, across field



^ Visitor grandstand demolition, across field



^ Overall homeside demolition view – existing rock steps to be demolished as well

Rob Stenhouse

From: ian@thekesselgroup.com
Sent: Thursday, January 12, 2023 11:30 AM
To: chris; Rob Stenhouse; 'Phillip Cannady'; Scott Donald
Cc: 'Michael Jackson'; 'Greg Borden'
Subject: [EXTERNAL] RE: MCHS Press Box Undermined

Chris,

I agree – the contractor should bury the base of the exposed footing approximately 18 inches and provide 2 feet of lateral cover prior to sloping at 2H:1V to tie into existing grades. If the existing geometry in the area prevents the 2H:1V, the contractor may place backfill at a steeper inclination for this temporary buttress. Contractor should use compacted soil, or could use ABC stone. 95% compaction (ASTM D698) is recommended.

Additionally, as discussed yesterday, the two micropiles at the press box should be installed before construction at column C-4.

Ian Johnson, P.E.
Kessel Engineering Group, PLLC
582 Hendersonville Road
Suite One, Lower Level
Asheville, NC 28803
office: 828-277-6351
mobile: 828-545-2341
email: ian@thekesselgroup.com

From: Chris Otahal <chris@kloesel-engineering.com>
Sent: Thursday, January 12, 2023 10:44 AM
To: 'Rob Stenhouse' <robstenhouse@ls3p.com>; 'Phillip Cannady' <pcannady@h-mconstructors.com>; 'Scott Donald' <scottdonald@ls3p.com>; 'Ian Johnson' <ian@thekesselgroup.com>
Cc: 'Michael Jackson' <mjackson@h-mconstructors.com>; 'Greg Borden' <GBorden@h-mconstructors.com>
Subject: RE: MCHS Press Box Undermined

Ian,
Do you have any recommendations for placement of the soil on the field side of the pressbox footings? I think we should place soil on this side to cover up the existing footings until we can install the micropiles.

Christopher J. Otahal, P.E.
KLOESEL Engineering, P.A.
8 Magnolia Avenue, Suite 100
Asheville, NC 28801
v: 828-255-0780 x-103
f: 828-255-0338
e: chris@kloesel-engineering.com

From: Rob Stenhouse <robstenhouse@ls3p.com>
Sent: Thursday, January 12, 2023 10:21 AM
To: Phillip Cannady <pcannady@h-mconstructors.com>; Scott Donald <scottdonald@ls3p.com>; chris <chris@kloesel-

engineering.com>; Ian Johnson (ian@thekesselgroup.com) <ian@thekesselgroup.com>

Cc: Michael Jackson <mjackson@h-mconstructors.com>; Greg Borden <GBorden@h-mconstructors.com>

Subject: RE: MCHS Press Box Undermined

Philip/Michael,

Thanks for getting this opened up and helping to get it somewhat stabilized/protected before the weather this afternoon.

Have attached the original Press box drawings – see page 5 of the set. We know we're back from the retaining wall/grade beam instead of on top as shown.

Rob

Robert B. Stenhouse Assoc. AIA
Project Designer

LS3P

WE'VE MOVED: 14 O'Henry Avenue, Suite 210, Asheville, NC 28801 828.254.1963 x109 (O) 828.301.0415 (M) or 828.253.3307(F)
CHARLESTON | COLUMBIA | GREENVILLE | MYRTLE
BEACH | ASHEVILLE | CHARLOTTE | GREENSBORO | RALEIGH | WILMINGTON | ATLANTA | SAVANNAH

From: Phillip Cannady <pcannady@h-mconstructors.com>

Sent: Thursday, January 12, 2023 9:00 AM

To: Scott Donald <scottdonald@ls3p.com>; Rob Stenhouse <robstenhouse@ls3p.com>; chris <chris@kloesel-engineering.com>; Ian Johnson (ian@thekesselgroup.com) <ian@thekesselgroup.com>

Cc: Michael Jackson <mjackson@h-mconstructors.com>; Greg Borden <GBorden@h-mconstructors.com>

Subject: [EXTERNAL] MCHS Press Box Undermined

Importance: High

Gentlemen,

Michael just sent the attached pictures of the press box to me. We are going to try to fill the opening before the rain gets here today, ideally with ABC stone if we can get it, with dirt if we cannot. Michael believes the void continues all the way under the press box. We will try to get more pictures before we fill in the hole.

Thanks, Phillip

From: 8287753080@vzwpix.com <8287753080@vzwpix.com>

Sent: Thursday, January 12, 2023 8:53 AM

To: Phillip Cannady <pcannady@h-mconstructors.com>

Subject: Fwd: