



The Charles River Speedway: Returning to the Riverfront
Presenter: Catherine M. Malagrida, P.G.

May 18, 2022

The Charles River Speedway – A brief history

1899
Charles River Speedway buildings constructed

2010
Speedway added to National Historic Places

2014
Architectural Heritage Foundation selected to rehabilitate Speedway

2021
Open for business

1920s
Sheds, stable, and two-story building converted

2011
Administration Building designated local landmark

2019
Rehabilitation and construction began



Property Contamination History



Soldiers Field Road (In-Bound)

Soldiers Field Road (Out-Bound)

Leo M. Birmingham Parkway

RAM AREA 2019

APPROXIMATE PROPERTY BOUNDARY

RTN 3-15993

RTN 3-28636 (VOCs)

RTN 3-10910 (Petroleum)

RTN 3-16965

1410 SOLDIERS FIELD ROAD

501 WESTERN AVENUE

1420 SOLDIERS FIELD ROAD

RTN 3-26016

Western Avenue

516-530 WESTERN AVENUE

500 WESTERN

MCP Compliance During Construction

- Release Abatement Measure (RAM) by AHF as an “other person” in September 2019
- Submitted under petroleum and chlorinated VOC RTNs
- Management of soil and groundwater and vapor mitigation systems .
- Groundwater was recharged onsite
- Excavated soil was reused onsite, approximately 120 tons transported offsite to an unlined landfill
- Vapor mitigation system design varied based on existing building construction

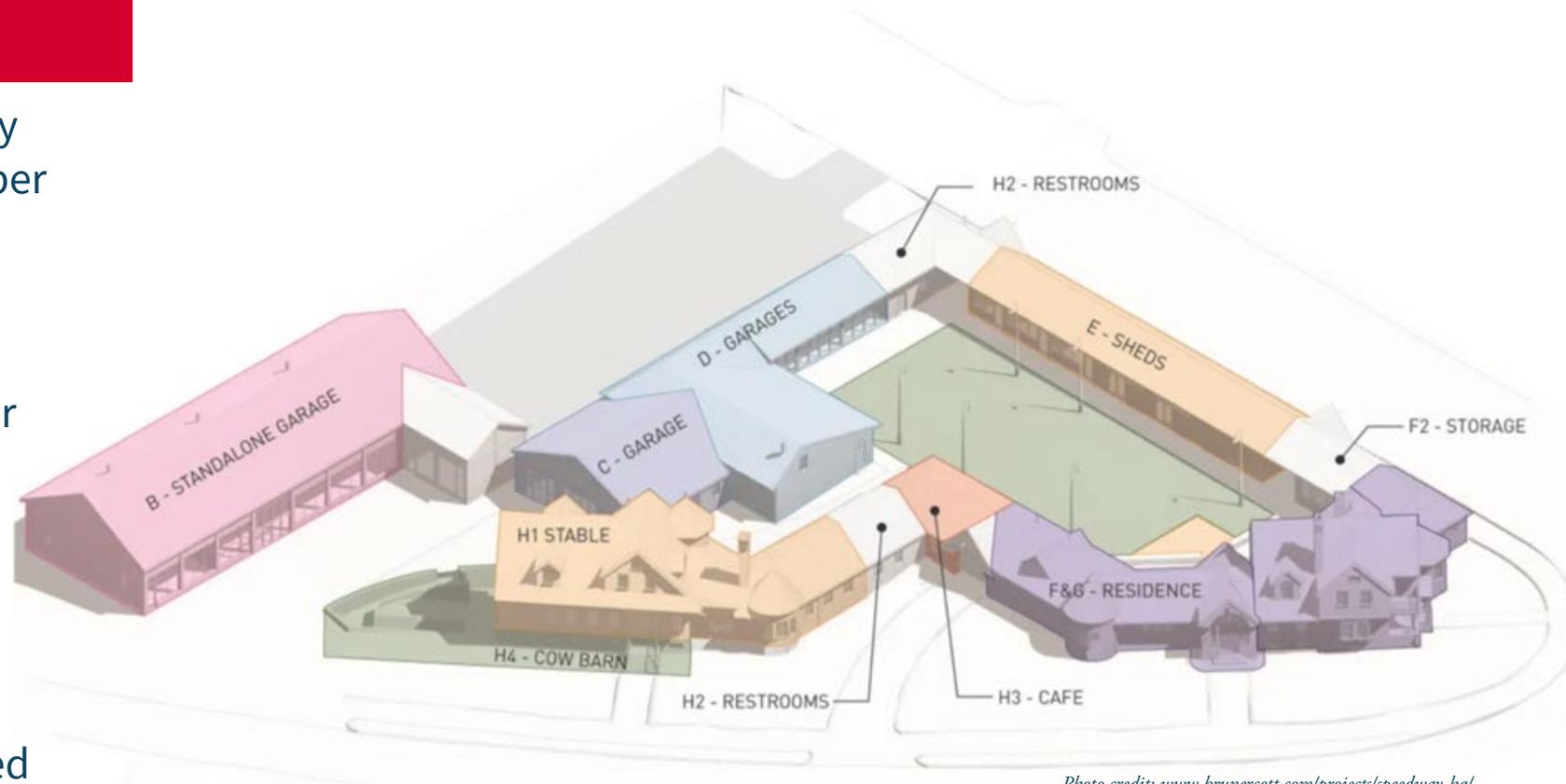
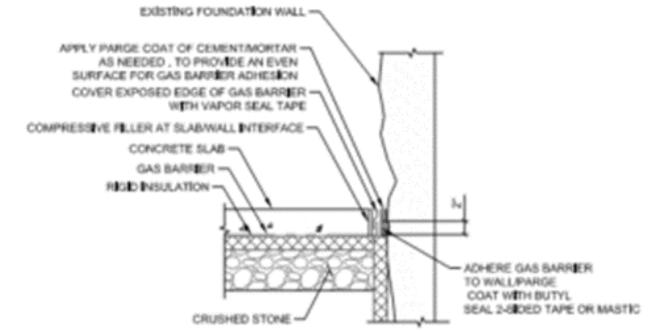


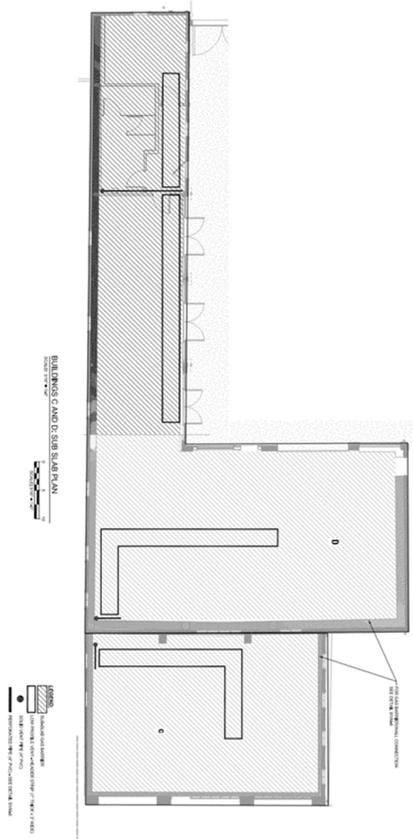
Photo credit: www.brunercott.com/projects/speedway-hq/



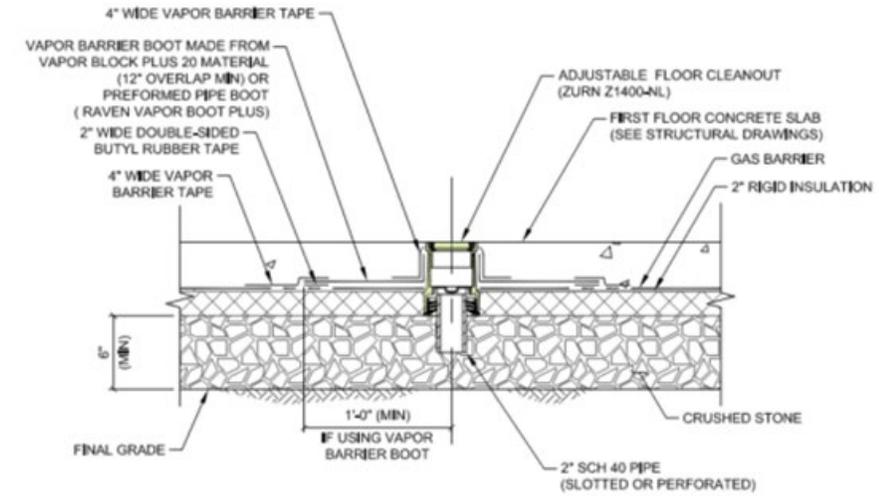
Vapor Mitigation System Details - Building B, C and D



6 DETAIL - GAS BARRIER/WALL CONNECTION (BLDGS B,C,D)
- TYPICAL
SCALE: 1" = 1'-0"



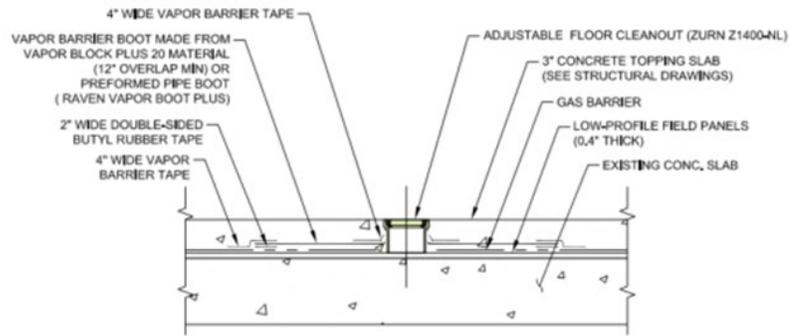
Building C and D



2 SUB-SLAB MONITORING POINT DETAIL (BLDGS B, C, D)
- TYPICAL
SCALE: 1 1/2" = 1'-0"

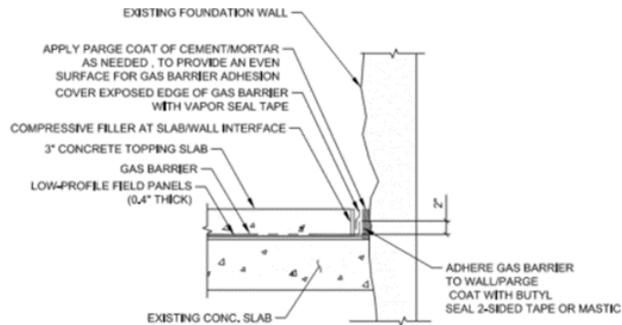


Vapor Mitigation System Detail – Building H



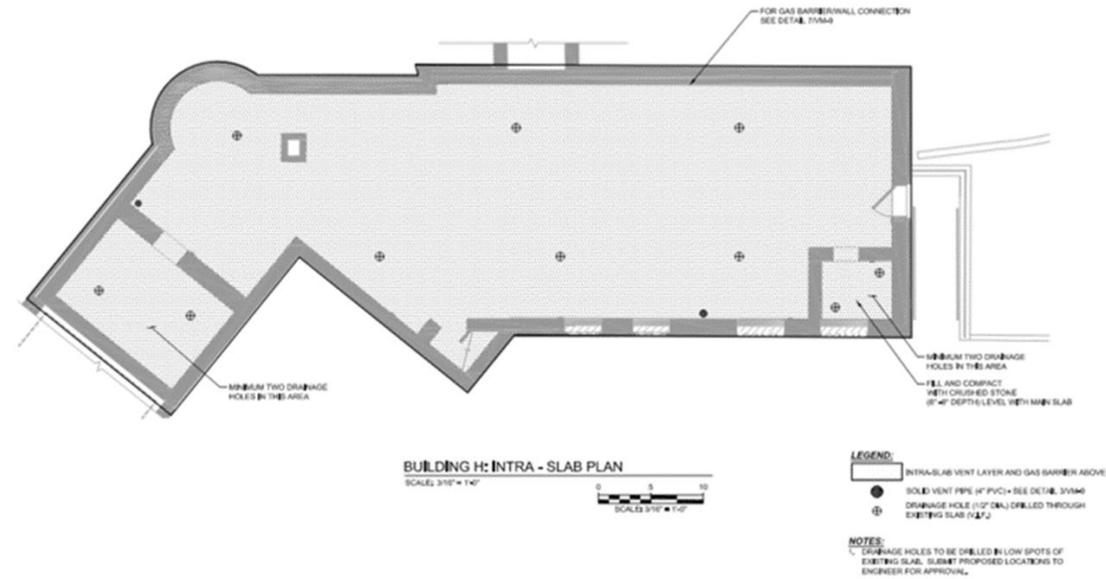
4 DETAIL - INTRA SLAB MONITORING POINT (BLDG H1)
TYPICAL

SCALE: 1" = 1'-0"



7 DETAIL - GAS BARRIER WALL CONNECTION (BLDG H1)
TYPICAL

SCALE: 1" = 1'-0"



Lower Courtyard



Buildings C and D



Building B



Ongoing MCP Activities and Site Closure

- Vapor mitigation system effectiveness testing
- Once vapor mitigation systems are shown to be effective RAM will be closed
- Future MCP compliance and site closure will be conducted by DCR



Questions



Catherine M. Malagrida, P.G.
cmalagrida@geiconsultants.com

