

SECTION 13 11 00 - SUMMARY OF THE SWIMMING POOL DECOMMISSIONING WORK

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of Contract, including General and Supplementary Conditions and Division 1 Specification Sections apply to this Section.

1.2 RELATED SECTIONS

- A. Not applicable:

1.3 SUMMARY OF THE WORK

- A. Work to be performed under the following Contracts shall consist of all labor, materials, tools, equipment, transportation, supervision, and services necessary for, and incidental to, the decommissioning of the existing swimming pool vessels and all associated support system located in the J. Evans Physical Education Building, HACC main campus, and as shown on the Drawings and/or as herein specified, to include all work.
- B. Pool Decommissioning Scope of Work:
 - 1. The scope of work for the swimming pool decommissioning is intended to produce a functional reclaimed space within the J. Evans Physical Education Center that can be repurposed and redesigned to serve the educational curriculum and recreational needs of the student population on the main HACC campus. The pool structures are to be selectively demolished and filled flush with a lean concrete mixture to the level of the surrounding concrete decks. This area will be resurfaced with a new structural concrete deck capable of spanning the basement level service tunnels and pool mechanic rooms. This new floor system will make the entire original natatorium space ADA accessible from the adjacent areas of the building when redesigned and repurposed.
 - 2. All elements of the basement level pool filtration, sanitation, recirculation, heating, and related components are to be fully demolished and removed from the site. The resulting space will be ready to accept new functional elements required to support the repurposed space on the main level of the J. Evans Physical Education Center within the original 1970 natatorium.
 - 3. Access to the pool filtration equipment is directly accessible from the east elevation of the building via an existing stairway area well. All equipment in the pool filter area is to be removed and properly discarded.
- C. Basis of Design:

13 NOVEMBER 2023

1. The Basis of Design for the Swimming Pool Decommissioning includes the complete removal of all horizontal finish floor materials (ceramic mosaic tile) and associate setting bed material to produce a structurally sound level surface suitable for the installation of a new structural floor slab. The swimming pool vessels are to be filled in independent lifts with a lean, low compressive strength concrete fill.
2. The Drawings indicate the extent of all new stabilization work.

D. Scope of Work

1. The following items are included in the scope of work for the General Prime Contract, but is not limited to:
 - a. Coordination of all trade-related work impacting the decommissioning of the existing swimming pools, construction and the related filter and sanitation systems and functions. Coordination of the capping and abandonment and removal all piping runs connecting the pools to the control and filter areas as indicated on the drawings.
 - b. Demolition and removal of all pool related piping, filtration, recirculation, sanitation, control equipment, and hot water sourced supplemental pool heating. All electrical power to equipment requiring electrical service shall be removed back the source of power. Under no circumstance shall any live electrical circuits be left in an energized state.
 - c. All architectural acoustical treatments in the existing natatorium space are to be removed and discarded. Adhesive residue shall be removed for all remaining surfaces.

E. Related work by Prime General Contractor:

1. Sub-structure drainage.
2. Capping Water service to the filter room.
3. Capping sanitary drainage from the filter room.
4. Capping sanitary drainage from pool backwash discharge.
5. Removal of electrical service to all pool related components.
6. Maintain electrical service to the filter room sump pump assemblies scheduled to remain.
7. Capping all return air grills venting into the pool support tunnel system to eliminate the transmission of humidity from the basement level to the new reclaimed space above.

END OF SECTION 13 11 00