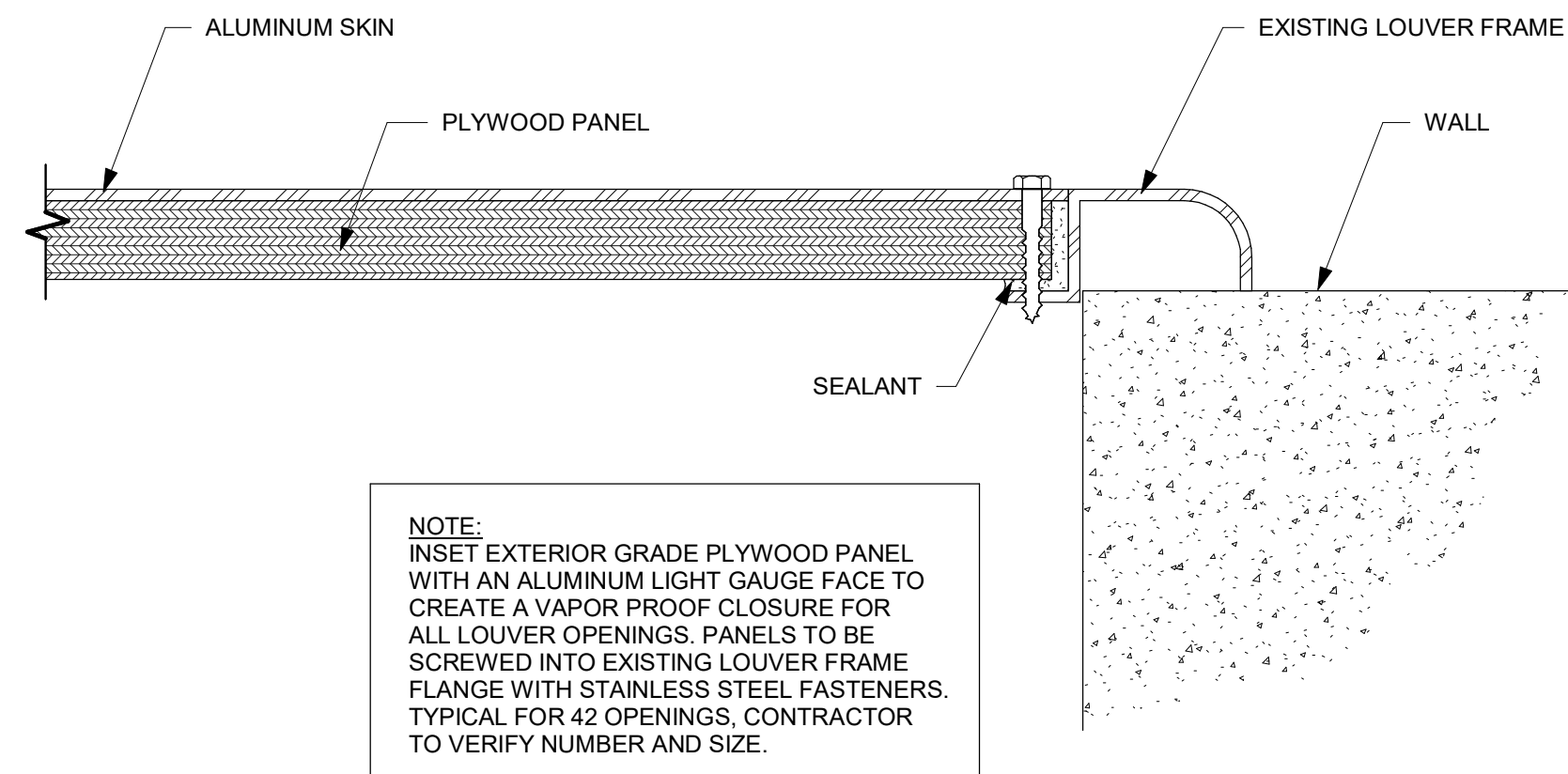
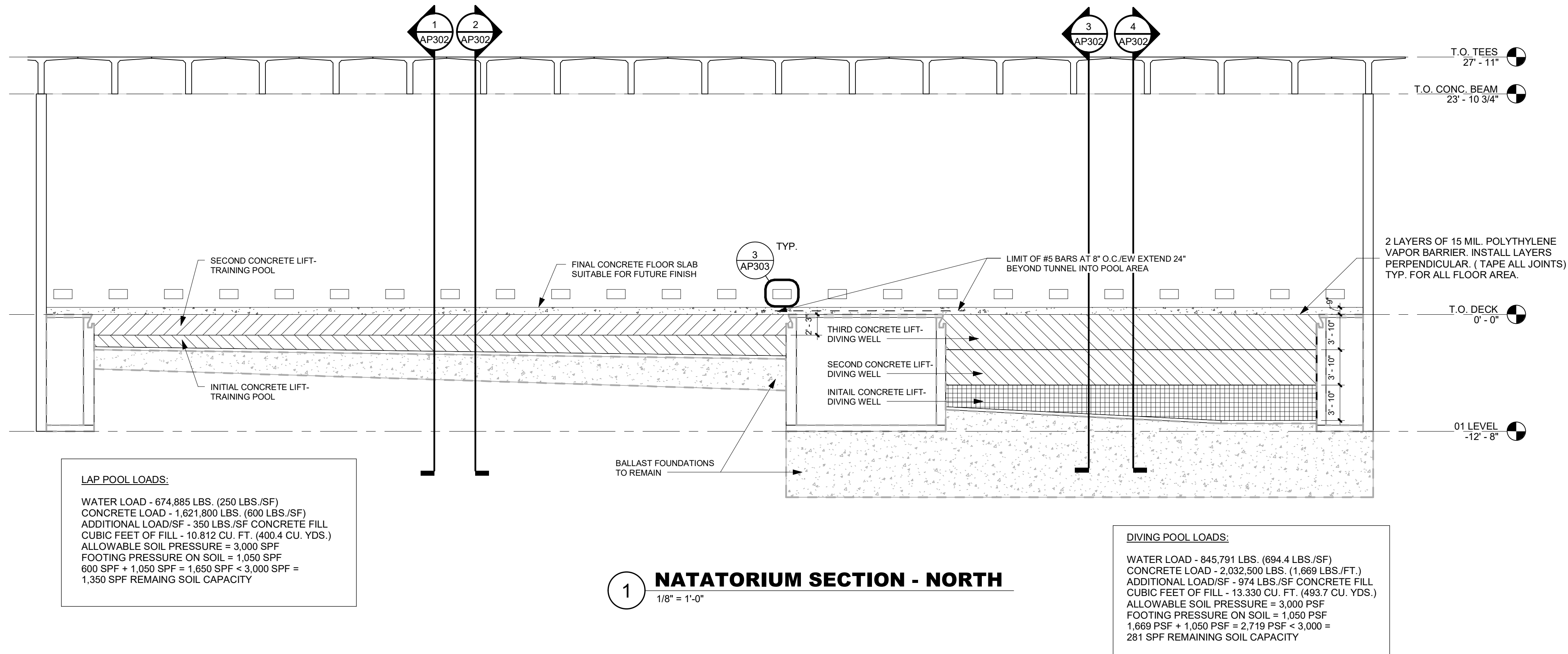


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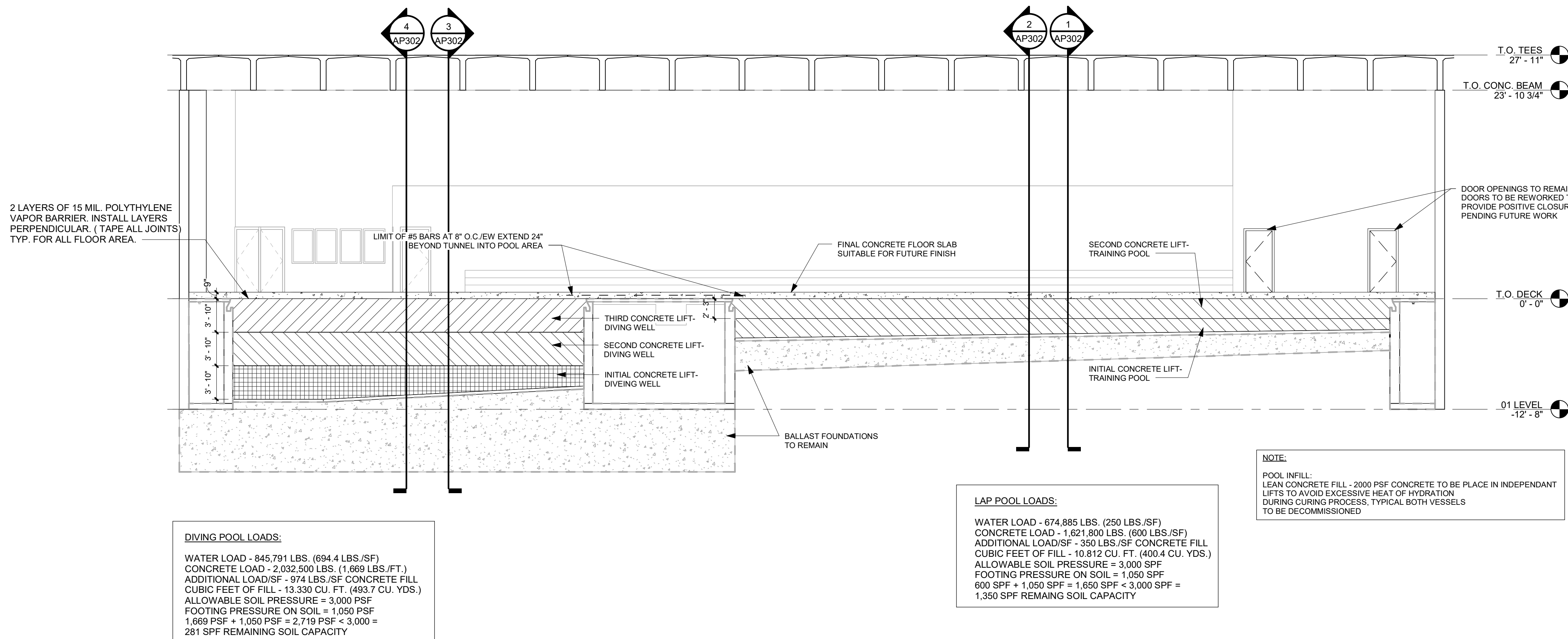


3 LOUVER CLOSURE DETAIL
1 1/2" = 1'-0"



LAP POOL LOADS:
WATER LOAD - 674,885 LBS. (250 LBS./SF)
CONCRETE LOAD - 1,621,800 LBS. (600 LBS./SF)
ADDITIONAL LOAD/SF - 350 LBS./SF CONCRETE FILL
CUBIC FEET OF FILL - 10,812 CU. FT. (400.4 CU. YDS.)
ALLOWABLE SOIL PRESSURE = 3,000 PSF
FOOTING PRESSURE ON SOIL = 1,050 PSF
600 PSF + 1,050 PSF = 1,650 PSF < 3,000 PSF =
1,350 PSF REMAINING SOIL CAPACITY

DIVING POOL LOADS:
WATER LOAD - 845,791 LBS. (694.4 LBS./SF)
CONCRETE LOAD - 2,032,500 LBS. (1,669 LBS./FT.)
ADDITIONAL LOAD/SF - 974 LBS./SF CONCRETE FILL
CUBIC FEET OF FILL - 13,330 CU. FT. (493.7 CU. YDS.)
ALLOWABLE SOIL PRESSURE = 3,000 PSF
FOOTING PRESSURE ON SOIL = 1,050 PSF
1,669 PSF + 1,050 PSF = 2,719 PSF < 3,000 =
281 PSF REMAINING SOIL CAPACITY



DIVING POOL LOADS:
WATER LOAD - 845,791 LBS. (694.4 LBS./SF)
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NOTE:
POOL INFILL:
LEAN CONCRETE FILL - 2000 PSF CONCRETE TO BE PLACED IN INDEPENDENT LIFTS TO AVOID EXCESSIVE HEAT OF HYDRATION DURING CURING PROCESS. TYPICAL BOTH VESSELS TO BE DECOMMISSIONED

2 NATATORIUM SECTION - SOUTH
1/8" = 1'-0"

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Issued For:
BIDDING
25 SEPT. 2023
Not For Construction

RELEASED		
No.	Description	Date

**J. EVANS PHYSICAL
EDUCATION BUILDING -
POOL DECOMMISSIONING**

**HARRISBURG AREA COMMUNITY
COLLEGE**

One HACC Drive
Harrisburg, PA 17110

Project Number 23849

NATATORIUM SECTIONS

AP303