



Ely Hall Building Biography

A. Structural Facts

Construction Type	1 B
Occupancy Group	A-3 – (Library, classrooms, theater, art gallery, student center, indoor pool)
Year Built:	1972
Height:	3 story library; 50ft 11inch = 6 story, library stack 82' 8". 2 story campus entry, 46Ft 8" all inclusive basement
Area:	143,243 tabular 42,290 s.f.(1 st floor only) multi-story mixed elevation
Foundation Type	Concrete spread footings, soil type
Floor / Ceiling:	Floor concrete waffle flat plate finish VCT and Carpet; ceiling says ceiling waffle concrete painted
Roof:	Flat waffle/concrete deck, membrane; mfg. Sarnafil
Exterior Walls	Masonry non-bearing walls and glass in steel frames
Interior Finish	Exits Class I painted masonry; corridors Class I painted masonry; Classrooms and other areas Class I painted masonry.
Fuels	Heat and hot water supplied by power plant. Emergency generator 1 & 2 fuel oil generator.

Heat	Supplied by power plant (#4 oil HP Steam) hot water/steam radiator
Hot Water	High pressure steam reduced in building supplied by Power Plant
Ventilation	Combination natural and mechanical univents rooftop exhaust hoods; entire building air conditioned in summer.
Electrical Service	4160 vac, 3phase supplied from Power Plant reduced to 208 vac
Emergency Light	hallway and corridor lights supplied by Emergency Generator
Emergency Power	One diesel generator; supplies fire alarm system and emergency lighting
Fire Alarm Equip	Simplex manual pulls at exits, limited smoke/heat detection in Campus Center
Suppression	None
Smoke Evacuation	None
Extinguishers	Library; basement - 3 H2O, 1 st fl - 1 H2O, 2 nd fl - 2 H2O, Library Stacks: 1 st - 6 th fl 1 H2O per floor, Lobby; basement - 1 ABC, 1 st fl - 1 H2O; Student Center: 1 st fl - 1 CO2, 1 H2O, 2 nd fl - 6 H2O; Fitness Center - 4 ABC,. Inspected annually by Atwood Fire Equipment Co. Ongoing inspection by WSC Facilities Staff.
Chimneys	None
Elevator	One Freight - 3 floors. Cap. 2000 lb at 25' per minute; One Passenger: 6 floors, cap. 2000 lb. at 200 ' per minute; dumbwaiter out of service.
Atria	Utility pipe chases, exterior atria/garden/library 2 nd story mezzanine
Emergency evacuation signs:	
Lot Area	
Septic	Municipal
Water	Municipal
Certificate	

UpGrades: 2008 - 2010