

Attachment 2 – Confined Space Inventory/Assessment

Space Name	Bldg	Location	Hazards of Space	Hazard Controls	PRCS?	Re-classify	PRCS Label
Electrical Vaults accessed by Facility Electricians	Various		Electrocution, falls, slips, standing water	Access by utility/electrical contractors and Facility Electricians, barricade opening	Yes	Yes	Yes
Electrical Vaults only accessed by contractors/utility workers	Various		Electrocution, falls, slips, standing water	Access by utility/electrical contractors only, barricade opening	Yes	No	N ²
Sewer & Stormwater (manhole access)	Various		Potential atmospheric (H ₂ S, low O ₂), falls, slips, standing water	Access by utility contractors only, barricade opening	Yes	No	N ²
Elevator Pits	Various		Restricted access, mechanical, slips, falls	Access by elevator contractors (if access required by SCU personnel, must be in conjunction with elevator contractor), barricade opening	No	N/A	No
Attic	Bellarmino Hall	Above hard ceiling	Restricted and limited access, low head room, falls, poor lighting	Minimum of two persons for entry, bump hats, provide portable lighting as needed	No	N/A	No

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Space Name	Bldg	Location	Hazards of Space	Hazard Controls	PRCS?	Re-classify	PRCS Label
Crawl Space	Heafey Law Library	Access under stairway	Restricted and limited access, low head room, falls, poor lighting	Minimum of two persons for entry, bump hats, provide portable lighting as needed	No	N/A	No
Attic	Jesuit Residence	Above hard ceiling	Restricted and limited access, low head room, falls, poor lighting	Minimum of two persons for entry, bump hats, provide portable lighting as needed	No	N/A	No
Sanitary Lift Station	Jesuit Residence	Basement	Engulfment, potential atmospheric, electrocution, biological hazards Note: Pumps and level sensors located external to sump and would not require entry into sump to service	Lock-out electrical and shut-down water supply, close bathrooms/sinks, fall protection equipment attached to rescue tripod, atmospheric testing, chemical resistant clothing, mechanical ventilation as needed	Yes	No	Yes

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Sanitary Lift Station	Schott Stadium	Back irrigation enclosure	Engulfment, potential atmospheric, electrocution, biological hazards Note: Pumps and level sensors located external to sump and would not require entry into sump to service	Lock-out electrical and shut-down water supply, close bathrooms/sinks, fall protection equipment attached to rescue tripod, atmospheric testing, chemical resistant clothing, mechanical ventilation as needed	Yes	No	Yes
Utility Tunnel	B101 – Mission Church	Exterior south side & inside office area	Restricted and limited access, low head room, slips & falls, poor lighting, poisonous insects	Minimum of two persons for entry, bump hats, provide portable lighting as needed, barricade opening, watch for and avoid poisonous insects such as black widows (use approved insect bombs 2 to 3 days prior to entry and open space to allow space to ventilate for 1 hour prior to entry)	No	N/A	No

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Domestic Water Cistern – Underground Storage Tank	B105 – Varsi Pump House	Pump room	Engulfment, falls, slips, potential atmospheric	Lock-out water supply valves and pumps, fall protection equipment, rescue tripod, atmospheric testing, mechanical ventilation as needed, barricade opening	Yes	No	Yes
Domestic Water Tanks – Above Ground	B105 – Varsi Pump House	Pump room	Engulfment, slips, potential atmospheric	Lock-out water supply valves and pumps, wristlets with attached lifeline, atmospheric testing, mechanical ventilation as needed	Yes	No	Yes
Crawl Space	B106 – Varsi Hall	Under Building	Restricted and limited access, low head room, slips, poor lighting, poisonous insects	Minimum of two persons for entry, bump hats, lighting, barricade opening as appropriate, watch for and avoid poisonous insects such as black widows	N	N/A	N
Grease Interceptor	B108 – Adobe Lodge	West side	Potential atmospheric (H ₂ S, low O ₂), falls, slips, standing water	Access by utility contractors only, barricade opening	Yes	No	Yes
Attic	B108 – Adobe Lodge	Above hard ceiling	Restricted and limited access, low head room, falls, poor lighting	Minimum of two persons for entry, bump hats, provide portable lighting as needed	No	N/A	No

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Grease Interceptor	B109 – Nobili Hall	West side	Potential atmospheric (H ₂ S, low O ₂), falls, slips, standing water	Access by utility contractors only, barricade opening	Yes	No	Yes
Domestic Water Valve Pit (manhole access)	B110 - Mayer Theater	East of B110 in lawn	Potential atmospheric hazards (low O ₂), restricted and limited access, falls (>6'), slips, poor lighting	Atmospheric testing, fall protection equipment, rescue tripod, mechanical ventilation as needed, lighting, barricade opening	Yes	No	Yes
Domestic Water Valve Pit (metal/plywood cover)	B110 - Mayer Theater	South of B110 in lawn	Falls (<4'), slips	Access from ground level whenever possible, barricade opening	No	N/A	No
Cooling Tower	B110 - Mayer Theater	North of B110 in mech. room	Mechanical, falls, slips	Lock-out mechanical equipment prior to entry, use appropriate fall protection equipment as needed	N ¹	N/A	Y ¹
Stage Vault	B110 - Mayer Theater		Mechanical, falls, slips	If working under stage, lock-out stage lift equipment; requires minimum of two persons to enter; barricade opening	N ¹	N/A	Y ¹

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Drying Rack Vault	B110 - Mayer Theater	Scene Room	Mechanical, falls, slips	If working under drying rack, lock-out drying rack equipment; minimum of two persons for entry; barricade opening	N ¹	N/A	Y ¹
Sanitary Lift Station	B201 – Walsh Admin.	Mechanical Room	Engulfment, potential atmospheric, electrocution, biological hazards Note: Pumps and level sensors located external to sump and would not require entry into sump to service	Lock-out electrical and shutdown water supply, close bathrooms/sinks, fall protection equipment attached to rescue tripod, atmospheric testing, chemical resistant clothing, mechanical ventilation as needed	Yes	No	Yes
Utility Tunnel	B201 – Walsh Admin.	Basement	Restricted and limited access, low head room, slips, poor lighting, poisonous insects	Minimum of two persons for entry, bump hats, lighting, barricade opening as appropriate, watch for and avoid poisonous insects such as black widows	No	N/A	No

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Crawl Space	B201 – Walsh Admin.	Under Building	Restricted and limited access, low head room, slips, poor lighting, poisonous insects	Minimum of two persons for entry, bump hats, lighting, barricade opening as appropriate, watch for and avoid poisonous insects such as black widows	No	N/A	No
Stormwater Lift Station	B202 – Heafey Law Library	Outside west side of building	Located in a valve pit with fall hazards >4', open grate, no atmospheric hazards, electrocution	Minimum of two persons for entry, use ladder to access lift station, barricade opening, lock-out electrical	No	N/A	No
Cooling Towers (2)	B202 – Heafey Law Library	On Roof	Mechanical, falls, slips	Lock-out mechanical equipment prior to entry, use appropriate fall protection equipment as needed	N ¹	N/A	Y ¹
Air Handler – AH1	B204 – Kena Hall	Mechanical Room	Mechanical, restrictive access	Lock-out mechanical equipment prior to entry	N ¹	N/A	Y ¹
Stormwater Lift Station	B204 – Kena Hall	Outside southeast corner	Potential atmospheric, electrocution	Lock-out electrical, fall protection equipment attached to rescue tripod, atmospheric testing, mechanical ventilation as needed	Yes	No	Yes

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Attic	B204 – Kena Hall	Above hard ceiling	Restricted and limited access, low head room, falls, poor lighting	Minimum of two persons for entry, bump hats, provide portable lighting as needed	No	N/A	No
Sanitary Lift Station	B301 – Benson Center	Mechanical Room	Engulfment, potential atmospheric, electrocution, biological hazards	Lock-out electrical and shutdown water supply, close bathrooms/sinks, fall protection equipment attached to rescue tripod, atmospheric testing, chemical resistant clothing, mechanical ventilation as needed	Yes	No	Yes
Stormwater Lift Station	B301 – Benson Center	Mechanical Room	Potential atmospheric, electrocution	Lock-out electrical, fall protection equipment attached to rescue tripod, atmospheric testing, mechanical ventilation as needed	Yes	No	Yes
Grease Interceptor	B301 – Benson Center	South side	Potential atmospheric (H ₂ S, low O ₂), falls, slips, standing water	Access by utility contractors only, barricade opening	Yes	No	Yes

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Space Name	Bldg	Location	Hazards of Space	Hazard Controls	PRCS?	Re-classify	PRCS Label
Utility Tunnel	B301 – Benson Center	East stair well to loading dock – Electrical Room	Restricted and limited access, low head room, slips, poor lighting, poisonous insects	Minimum of two persons for entry, bump hats, lighting, barricade opening as appropriate, watch for and avoid poisonous insects such as black widows	No	N/A	No
Fountain equipment vault	B301 – Benson Center	Outside, north side of building	Falls, slips, standing water, potential electrocution	Lock out electrical if working on pump motors or electrical wiring, barricade opening	No	N/A	No
Stormwater Lift Station	B302– Shapell Lounge/ Multicultural Center	Mechanical Room	Potential atmospheric, electrocution	Lock-out electrical, fall protection equipment attached to rescue tripod, atmospheric testing, mechanical ventilation as needed	Yes	No	Yes
Stormwater Lift Station	B303 – Book Store	Mechanical Room	Potential atmospheric, electrocution	Lock-out electrical, fall protection equipment attached to rescue tripod, atmospheric testing, mechanical ventilation as needed	Yes	No	Yes

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Sanitary Lift Station	B303 – Book Store	Mechanical Room	Engulfment, potential atmospheric, electrocution, biological hazards	Lock-out electrical and shut-down water supply, close bathrooms/sinks, fall protection equipment attached to rescue tripod, atmospheric testing, chemical resistant clothing, mechanical ventilation as needed	Yes	No	Yes
Sanitary Lift Station	B307 – Swig Hall	Mechanical Room	Engulfment, potential atmospheric, electrocution, biological hazards	Lock-out electrical and shut-down water supply, close bathrooms/sinks, fall protection equipment attached to rescue tripod, atmospheric testing, chemical resistant clothing, mechanical ventilation as needed	Yes	No	Yes
Hot Water Tanks (3)	B307 – Swig Hall	Mechanical Room	Engulfment, potential atmospheric, very limited access point	Lock-out water supply valves, wristlets with attached lifeline, atmospheric testing, mechanical ventilation as needed	Yes	No	Yes

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Stormwater Lift Station	B308 – Dunne Hall	Outside, north side in a deep vault	Fall hazard entering deep vault (>10'), slip hazard, potential atmospheric, electrocution	Use installed ladder to access bottom of vault, lock-out electrical, fall protection equipment attached to rescue tripod in vault, atmospheric testing, mechanical ventilation as needed	Yes	No	Yes
Stormwater Lift Station	B308 – Dunne Hall	Outside, south side in a deep vault	Fall hazard entering vault, slip hazard, potential atmospheric, electrocution	Use ladder to access bottom of vault, lock-out electrical, fall protection equipment attached to rescue tripod in vault, atmospheric testing, mechanical ventilation as needed	Yes	No	Yes
Grease Interceptor	B401- Library	East side at loading dock	Potential atmospheric (H ₂ S, low O ₂), falls, slips, standing water	Access by utility contractors only, barricade opening	Yes	No	Yes
Hydraulic Water Tank – Under Ground	B402 – Mechanical Eng.	Machine shop – under floor	Engulfment, falls, slips, potential atmospheric	Lock-out water supply valves, fall protection equipment, rescue tripod, atmospheric testing, mechanical ventilation as needed, barricade opening	Yes	No	Yes

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Hydraulic Water Tank – Above Ground	B402 – Mechanical Eng.	Machine shop – above floor	Engulfment, falls, slips, potential atmospheric	Lock-out water supply valves, fall protection equipment, rescue wench, atmospheric testing, mechanical ventilation as needed	Yes	No	Yes
Air Handlers (3)	B402 – Mechanical Eng.	Mechanical Room	Mechanical, restrictive access	Lock-out mechanical equipment prior to entry	N ¹	N/A	Y ¹
Scrubber (not in service)	B404 – Bannan Eng.	Mechanical area east side of building	Potential chemical burns, toxic atmosphere, mechanical, slips, standing water	Flush and drain scrubber, mechanical ventilation, atmospheric testing, lock-out fan and pumps	Yes	No	Yes
Tank Vaults (tanks have been removed)	B404 – Bannan Eng.	Mechanical area east side of building	Atmosphere, falls, slips, standing water	Pump out standing water, mechanical ventilation, atmospheric testing, fall protection equipment	Yes	No	Yes
Air Handlers (4)	B404 – Bannan Eng.	On Roof	Mechanical, restrictive access	Lock-out mechanical equipment prior to entry	N ¹	N/A	Y ¹

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Insulated Domestic Hot Water Tanks (2)	B505 – Campisi	Mechanical Room	Engulfment, potential atmospheric, very limited access point	Lock-out water supply valves, wristlets with attached lifeline, atmospheric testing, mechanical ventilation as needed	Yes	No	Yes
Sanitary Lift Station	B505 – Campisi	Mechanical Room	Engulfment, potential atmospheric, electrocution, biological hazards	Lock-out electrical and shut-down water supply, close bathrooms/sinks, fall protection equipment attached to rescue tripod, atmospheric testing, chemical resistant clothing, mechanical ventilation as needed	Yes	No	Yes
Stormwater Lift Station	B505 – Campisi	Outside at access doors to basement	Potential atmospheric, electrocution	Lock-out electrical, fall protection equipment attached to rescue tripod, atmospheric testing, mechanical ventilation as needed	Yes	No	Yes

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Utility Tunnel (under B505 and to B506)	B505 – Campisi & B506 – Sanfilippo	Access in B505 mech. room & B506 janitorial closet & stairwell	Restricted and limited access, low head room, slips, poor lighting, poisonous insects	Minimum of two persons for entry, bump hats, lighting, barricade opening as appropriate, watch for and avoid poisonous insects such as black widows	No	N/A	No
Attic Fan Units	B602 – Casa Italiana Residence Hall	Above hard ceiling	Restricted and limited access, low head room, falls, poor lighting	Minimum of two persons for entry, bump hats, provide portable lighting as needed	No	N/A	No
Trash Compactor	B604 – Facilities	South side in yard	Mechanical, falls, slips	Lock-out mechanical equipment prior to entry	N ¹	N/A	Y ¹
Crawl Space	B605 – Sobrato	Storage Rm on 3 rd Floor	Restricted and limited access, low head room, mechanical hazards, poor lighting	Minimum of two persons for entry, lock-out fan unit if working on or in proximity of unit, wear bump hats, provide portable lighting as needed	No	N/A	No
Cooling Tower	B702 – Leavey Center	North side of B702	Mechanical, falls, slips	Lock-out mechanical equipment prior to entry, use appropriate fall protection equipment as needed	N ¹	N/A	Y ¹

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Sanitary Lift Station	B702 – Leavey Center	Mechanical Room	Engulfment, potential atmospheric, electrocution, biological hazards	Lock-out electrical and shut-down water supply, close bathrooms/sinks, fall protection equipment attached to rescue tripod, atmospheric testing, chemical resistant clothing, mechanical ventilation as needed	Yes	No	Y N/A
Backwash Water Sump/Lift Station	B702 – Leavey Center	Mechanical Room	Engulfment, potential atmospheric, electrocution	Lock-out electrical and water supply valves, fall protection equipment attached to rescue tripod, atmospheric testing, mechanical ventilation as needed	Yes	No	Yes
Stormwater/Groundwater Lift Station	B702 – Leavey Center	Mechanical Room	Potential atmospheric, electrocution	Lock-out electrical, fall protection equipment attached to rescue tripod, atmospheric testing, mechanical ventilation as needed	Yes	No	Yes
Pool Water Filter Tanks (5)	B702 – Leavey Center	Mechanical Room	Engulfment, potential atmospheric, very limited access point	Lock-out water supply valves, wristlets with attached lifeline, atmospheric testing, mechanical ventilation as needed	Yes	No	Yes

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Heating Water Tank (1) – ET-1	B702 – Leavey Center	Mechanical Room	Engulfment, potential atmospheric, very limited horizontal access point	Lock-out water supply valves, wristlets with attached lifeline, atmospheric testing, mechanical ventilation as needed	Yes	No	Yes
Heating Water Tanks (2) – ET-2, ET-3	B702 – Leavey Center	Mechanical Room	Engulfment, potential atmospheric, very limited vertical access point	Lock-out water supply valves, wristlets with lifeline attached to overhead rescue winch, atmospheric testing, mechanical ventilation as needed	Yes	No	Yes
Lower Air Handler Plenum	B702 – Leavey Center	South side upper level (access via fixed ladders)	Limited access, low head room, falls, poor lighting	Minimum of two persons for entry, bump hats, lighting, lock-out mechanical equipment as required	N ¹	N/A	Y ¹
Lower Air Handler Plenum	B702 – Leavey Center	North side upper level (access via fixed ladders)	Limited access, low head room, falls, poor lighting, mechanical	Minimum of two persons for entry, bump hats, lighting, lock-out mechanical equipment as required	N ¹	N/A	Y ¹

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Space Name	Bldg	Location	Hazards of Space	Hazard Controls	PRCS?	Re-classify	PRCS Label
Vault – Swimming pool, auto-fill	B702 – Sullivan Aquatic Center	Pool deck, northeast corner	Engulfment, drowning, slips and falls (>6')	Hatch and fixed ladder access. Remove standing water, lock-out water supply valves	Yes	No	Yes
Vault – Swimming pool, old backwash vault	B702 – Sullivan Aquatic Center	Pool deck, northeast corner	Engulfment, drowning, slips and falls (>6')	Metal cover and fixed ladder access. Remove standing water, lock-out water supply valves	Yes	No	Yes
Cooling Towers (3)	B802 – Lucas Hall	Roof	Mechanical, falls, slips	Lock-out mechanical equipment prior to entry, use appropriate fall protection equipment as needed	N ¹	N/A	Y ¹
Air Handlers (3) (small access doors)	B804 – Arts & Sciences	Roof mechanical areas	Mechanical, limited access	Lock-out mechanical equipment prior to entry	N ¹	N/A	Y ¹
Fan Room	B804 – Arts & Sciences	Lower Roof	Mechanical, limited access	Lock-out mechanical equipment prior to entry	N ¹	N/A	Y ¹
Sodium Hypochlorite Tank	Sullivan Aquatic Center	North side equipment enclosure	Chemical burns, respiratory tract irritation, vertical access of > 6'	Drain and flush tank, mechanical ventilation, atmospheric testing to include chlorine, fall protection with emergency retrieval equipment	Yes	No	Yes

Key: **Y*** - Space is a permit required confined space which may be reclassified as a non-permit required space as long as the identified hazards have been controlled and a reclassification form has been completed.

Y¹ – Space is to be labeled with the following: “DANGER – NON-PERMIT CONFINED SPACE - AUTHORIZED PERSONNEL ONLY”

N¹ – Space is a non-permit required space as long as the mechanical hazards have been eliminated and locked out and no atmospheric hazards (e.g. hot work, paints, cutting, grinding, etc.) are introduced into the space. If atmospheric hazards are introduced, the space must then be classified as a permit required confined space.

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