



The University of Vermont

My Summer at UVM's PPD

Samantha Kopeck



3 Main Projects

- **Updating Spill Prevention Control and Countermeasure (SPCC) Plan**
- **Surveying the Exterior Paths and Entry ways for Americans with Disabilities Act Standards for Accessible Design (ADA) Compliance**
- **Cataloging/Consolidating Act 250 Permits**



Generators



Spill Prevention Control and Countermeasure Plan 2019



**Underground
Storage Tanks**

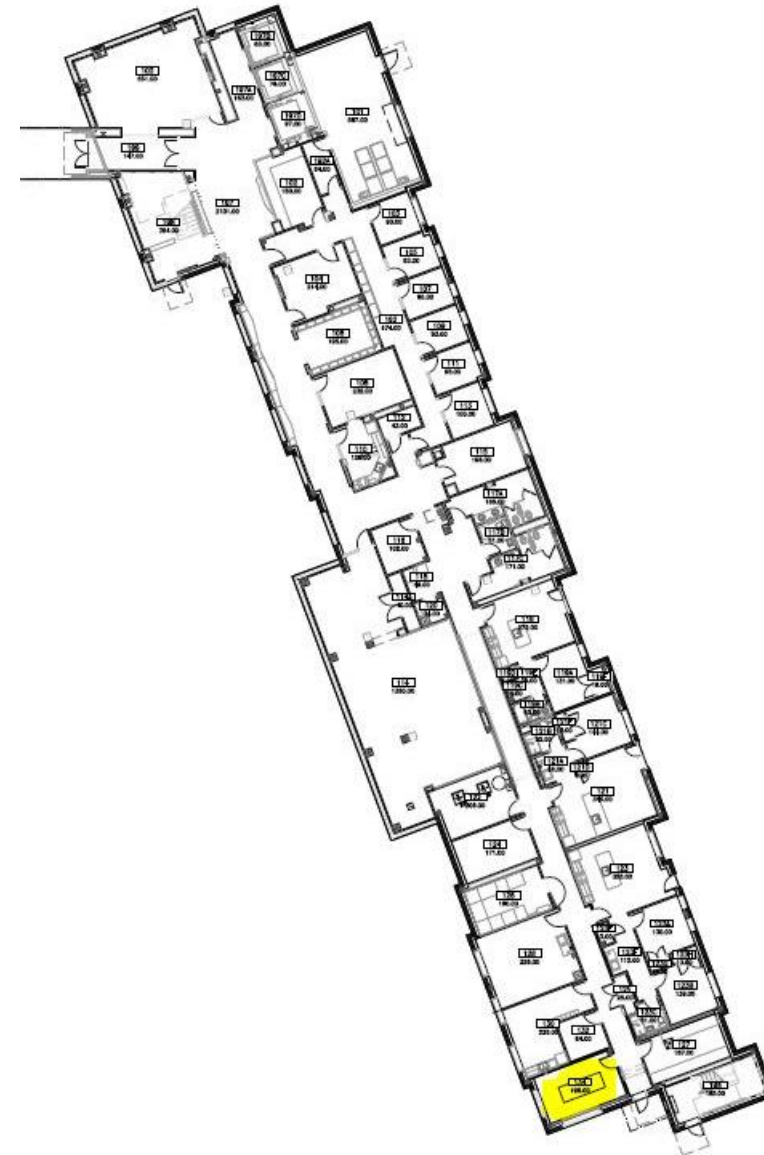


Elevators



Heating Oil

Tank ID	Location	Building #	Room #	Fluid	Size	Zone	OO Compliance
0543-G1	208 Flynn Avenue Freezer Farm	0543	208 Flynn Ave, Out back	Diesel	500	Projects	
0419-E1	23 Mansfield Ave.	0419	through the only door, first	Hydraulic	60	Trinity	
0001-E1	284 East Avenue	0001		Hydraulic	55	Trinity	
0001-G1	284 East Avenue	0001	side Physical Plant entrance	Diesel	500	Trinity	
0681-O1	40 Fort Ethan Allen, Automotive Shop	0681	In shop, back entrance	Oil	300	Projects	
0681-O2	41 Fort Ethan Allen, Automotive Shop	0681	In shop, back entrance	Oil	275	Projects	
0681-W1	42 Fort Ethan Allen, Automotive Shop	0681	In shop, back entrance	Waste Oil	425	Projects	
0681-W2	43 Fort Ethan Allen, Automotive Shop	0681	In shop, back entrance	Waste Oil	605	Projects	
0138-E1	601 Main St. / Adams House	0138	Basement	Hydraulic	65	Davis	
0088-E1	Aiken	0088	105	Hydraulic	60	Davis	
0347-E1	Austin Hall	0347	Basement next to elevator	Hydraulic	75	South	
0038-E1	Billings	0013	B-172	Hydraulic	90	Davis	Needs 2ndry Containment
0103-G1	Cage Central Heating Plant	0103	Outside	Diesel	1,700	Utilities	
0103-U1	Cage Central Heating Plant	0103	Outside	Diesel	50,000	Utilities	
0103-U2	Cage Central Heating Plant	0103	Outside	Diesel	50,000	Utilities	
0103-U3	Cage Central Heating Plant	0103	Outside	Diesel	50,000	Utilities	
0103-W1	Cage Central Heating Plant	0103	Inside	Waste Oil	165	Utilities	Needs 2ndry Containment
0301-G1	CCRH	0301	134	Diesel	460	Davis	
0321-E1	Christie Residence Hall	0321	Basement next to elevator	Hydraulic	125	South	
0321-U1	Christie Residence Hall	0321	Outside	Diesel	6000	South	
0323-G1	Christie-Patterson-Wright	0323	Outside	Diesel	1000	South	
0500-E1	Cohen Hall	0500	192B	Hydraulic	75	Trinity	
0545-E1	Colchester Research Facility	0545	156	Hydraulic	120	Medplex	
0545-E2	Colchester Research Facility	0545	need to have office stairs	Hydraulic	75	Medplex	
0545-G1	Colchester Research Facility	0545	Outside in Loading Zone	Diesel	550	Medplex	
0332-G1	Coolidge	0332	Outside	Diesel	275	South	Needs Fence - Protected
0034-E2	Davis Center	0034	119	Hydraulic	60	Davis	Needs 2ndry Containment
0034-E3	Davis Center	0034	119	Hydraulic	60	Davis	Needs 2ndry Containment
0034-E4	Davis Center	0034	181 A	Hydraulic	60	Davis	
0034-E5	Davis Center	0034	181 A	Hydraulic	60	Davis	
0034-E6	Davis Center	0034	Tunnel	Hydraulic	60	Davis	
0034-G1	Davis Center	0034	Loading Zone	Diesel	660	Davis	
0034-W1	Davis Center	0034	Loading Zone	vegetable Oil	330	Davis	
0374-E1	Davis Hall	0274	ground floor next to elevator	Hydraulic	75	South	
0374-G1	Davis Hall	0274	Outside	Diesel	500	South	
0402-E1	Delehanty Hall	0402	123	Hydraulic	75	Trinity	
0134-E1	Dewey Building	0134	119	Hydraulic	60	Trinity	
0134-G1	Dewey Building	0134	Outside (parking lot)	Diesel	300	Trinity	
0134-U1	Dewey Building	0134	Outside (parking lot)	Diesel	6000	Trinity	
0404-E1	Farrell Hall	0404	004 (inside office, 093)	Hydraulic	60	Trinity	
0123-E1	Fitness Center Elevator (PFG Complex)	0123	103	Hydraulic	55	South	Ensure manual sump pump
0070-E1	Given	0070	B-001A	Hydraulic	75	Medplex	Needs 2ndry Containment



0301
CCRH - EAST LEVEL 01

BUILDING NUMBER
0300

FT
0 15 30

NOTES:
0301 CCRH EAST LEVEL 01
GROSS: 14707
ASSIGNABLE: 6990
NON-ASSIGNABLE: 5167
0302 WEST LEVEL 01
GROSS: 21784
ASSIGNABLE: 16835
NON-ASSIGNABLE: 2481
0300 CCRH CMPLX LEVEL 01 TOTAL
GROSS: 34671
ASSIGNABLE: 23825
NON-ASSIGNABLE: 7948

Produced by
CAMPUS PLANNING SERVICES

Project
CENTRAL CAMPUS RES HALL
170 CARRIGAN DR
BURLINGTON, VT 05405

Scale
AS SHOWN

Date
2/14/2018

Level
LEVEL 01

Fam# Floor
01

File Name
0300_01

SPCC Plan

University of Vermont - Petroleum Storage Tank Site #0
 Site Name: Stafford Emergency Generator

Tank Site Description:

The emergency generator in the Stafford Building is fueled by diesel fuel storage tank. The tank is a single walled steel tank with no monitoring or containment. The tank is filled by private contractors hired by the University.



Vessel Type/#	Product Description	Quantity Stored	Containment
Steel AST, one	Diesel Fuel	275 Gallons	275 gallons

Anticipated Spill Conditions:

Spills in the generator room will be stopped by a concrete barrier. If oil finds a way over the barrier it will travel over a concrete floor and into the hallway. There are no pumps in the vicinity of the generator room. Spills at the fill pipe would travel over the lawn and into the storm sewer.

Emergency Contact:

Physical Plant (24 hours)

UVM Police Services

Physical Plant Assistant Director, Eric Berliner:

(office) 656-82

Environmental Safety Emergency Coordinator, Jeff Rogers:

(office) 656-07

Francis Churchill:

(office) 656-54

Location of Nearest Spill Response Materials:

Response Plan: On file at the Maintenance Shop at Centennial Field

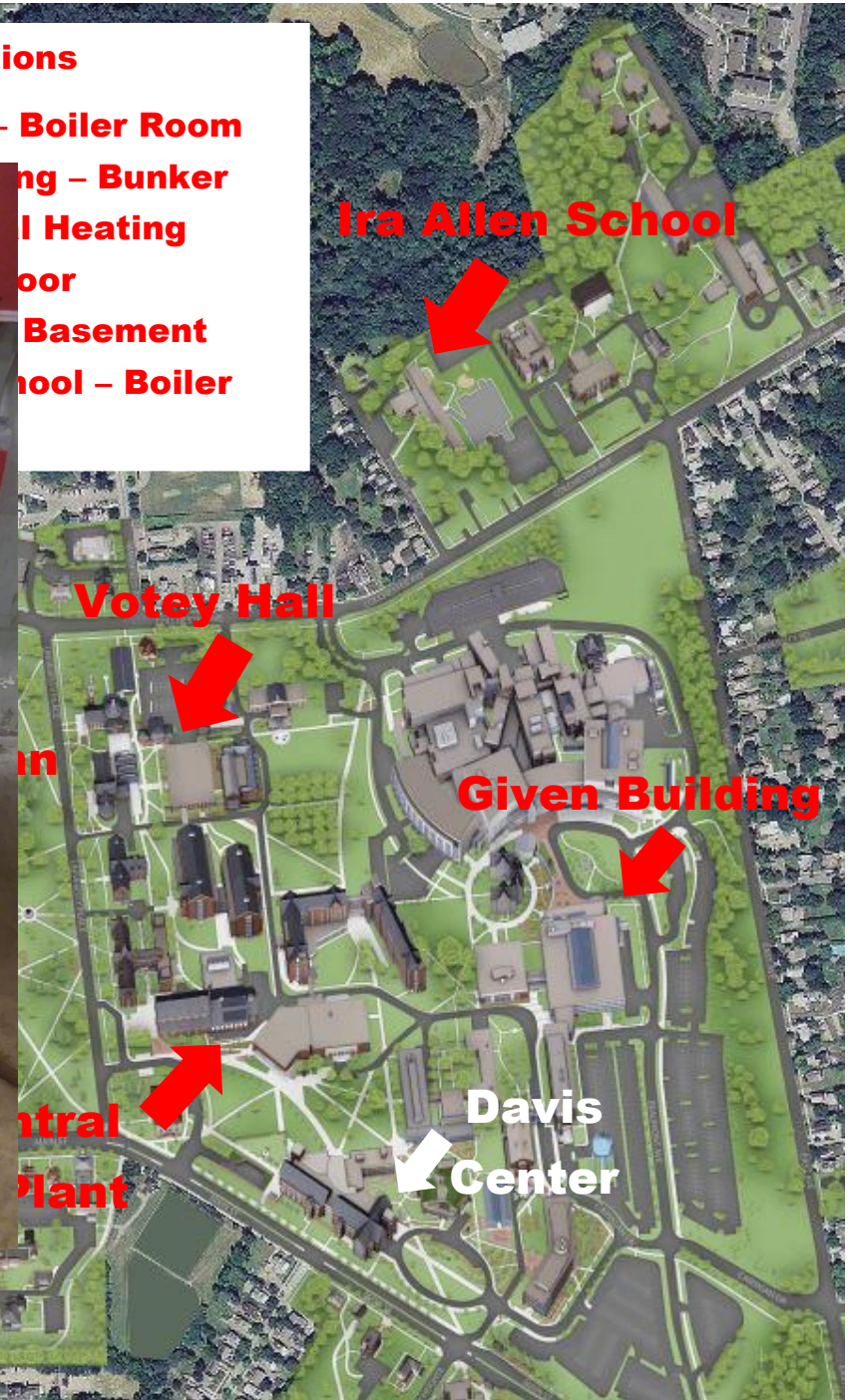
Nearest Spill Kit: Cage Central Heating Plant or

Given Building Bunker

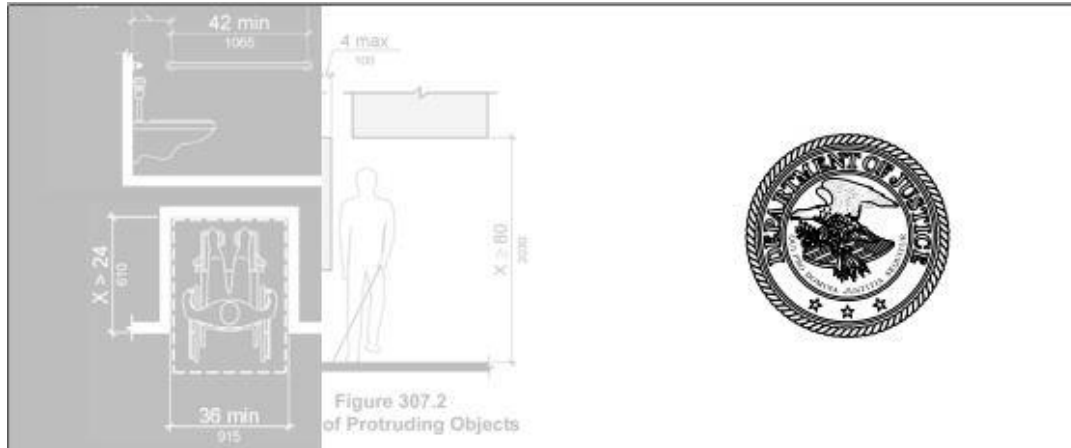


Spill Kit Locations

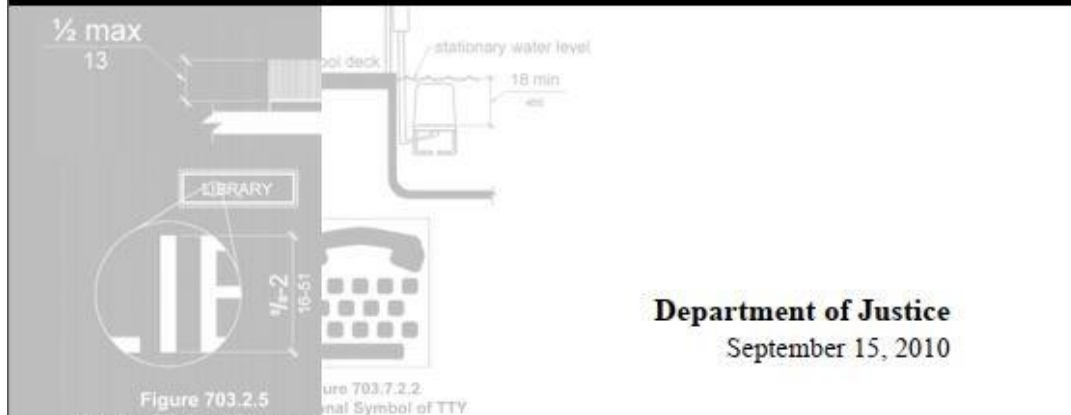
- Waterman - Boiler Room
- Heating - Bunker
- Heating - Bunker
- Basement
- Pool - Boiler



Americans with Disabilities Act Standards for Accessible Design



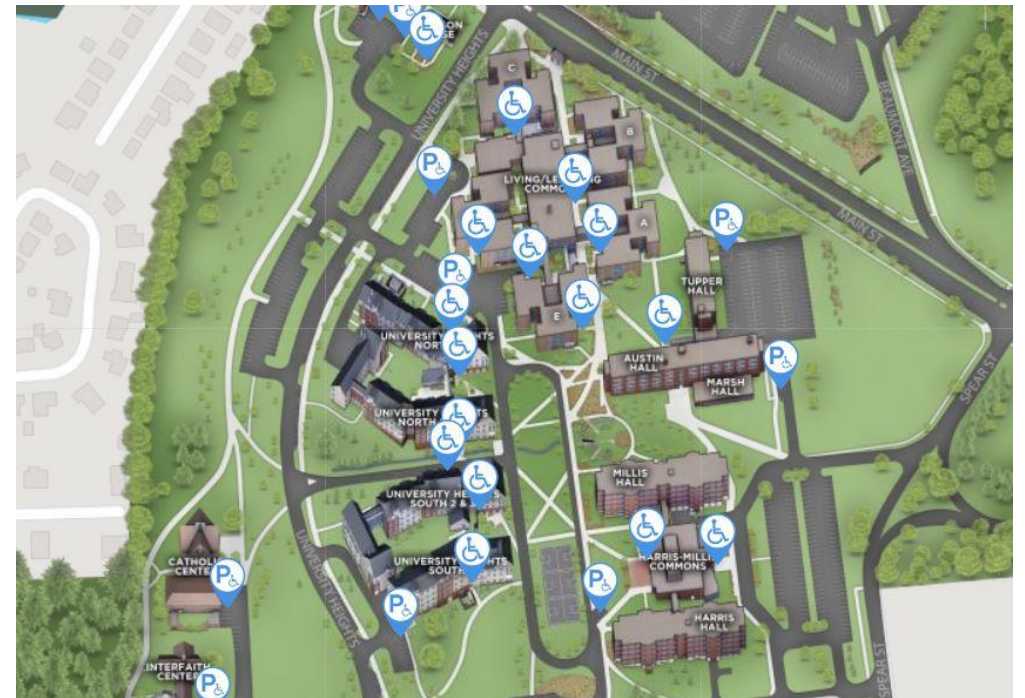
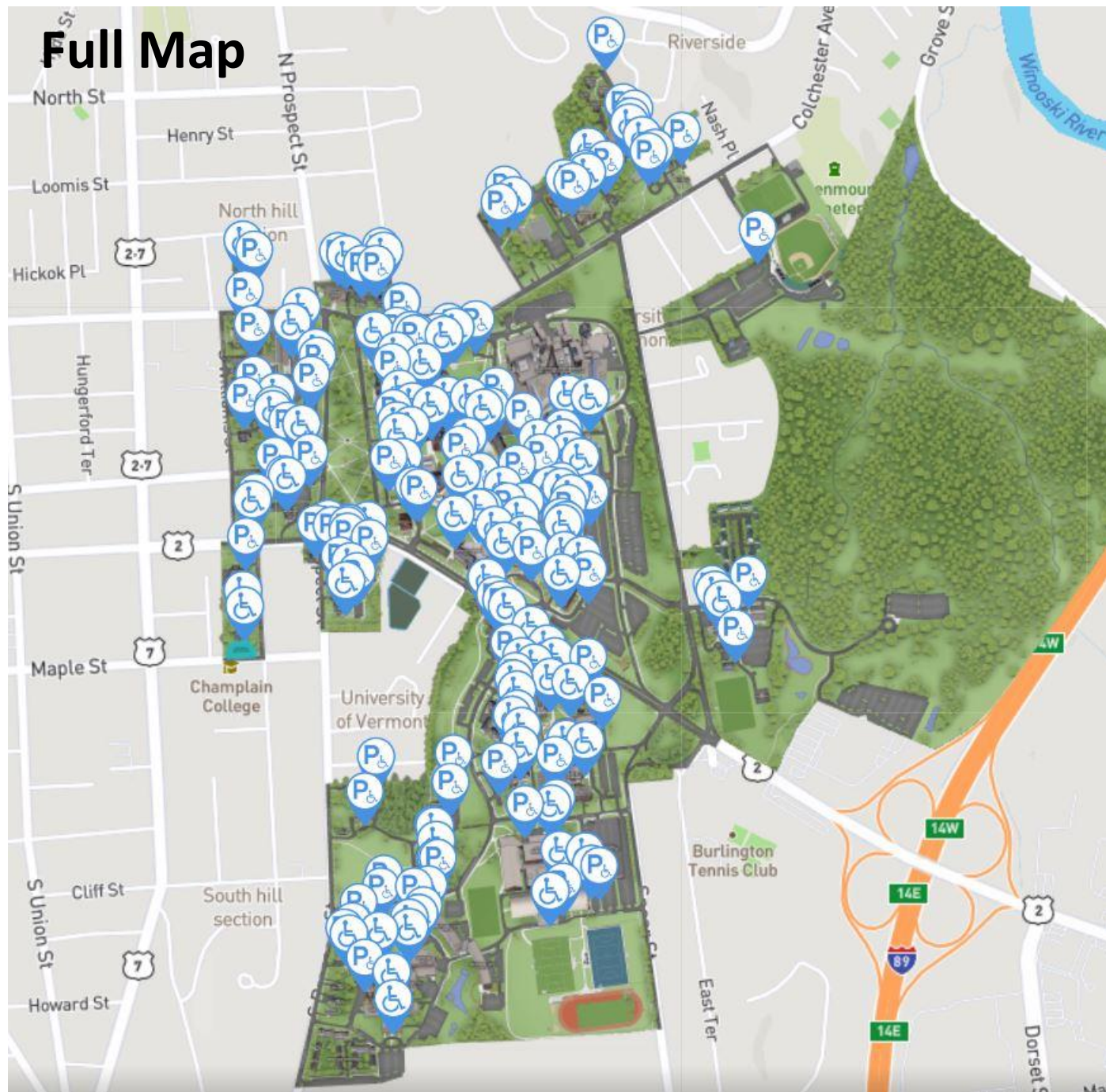
2010 ADA Standards for Accessible Design



Department of Justice
September 15, 2010

ADA Checklist for Existing Facilities		Priority 2 – Access to Goods & Services	
<p>2.15 If the ramp has a rise higher than 6 inches are there handrails on both sides? [405.8]</p> <p><input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Measurement:</p>		<p>Photo #:</p>	<ul style="list-style-type: none"> • Add handrails
<p>2.16 Is the top of the handrail gripping surface no less than 34 inches and no greater than 38 inches above the ramp surface? [505.4]</p> <p><input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Measurement:</p>		<p>Photo #:</p>	<ul style="list-style-type: none"> • Adjust handrail height
<p>2.17 Is the handrail gripping surface continuous and not obstructed along the top or sides? [505.3]</p> <p><input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If there are obstructions, is the bottom of the gripping surface obstructed no more than 20%? [505.6]</p> <p><input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Measurement:</p>		<p>Photo #:</p>	<ul style="list-style-type: none"> • Reconfigure or replace handrails
<p>2.18 If the handrail gripping surface is circular, is it no less than 1 1/4 inches and no greater than 2 inches in diameter? [505.7.1]</p> <p><input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Measurement:</p>		<p>Photo #:</p>	<ul style="list-style-type: none"> • Replace handrails

Full Map





Cottages –
Remark the lines

Jacobs House –
Redo the sidewalk



Delahanty –
Fix the grade and
concrete

Spreadsheet of Results

Building Name	1.1 - 206.2.1 - Accessible Route from parking space to building with no stair	1.2 - 208.2 - Adequate number of accessible spaces provided for lot si	1.3 - 208.2.4 - One van accessible space for every 6 accessible spaces	1.4 - 502.2, 502.3 - Spaces are 8ft wide with a 5ft aisle
Adams House	No	Yes - 21 spaces and there are 3 ADA in the lot. 2 are for Adams House	Yes	No - 8ft space with no aisle
Admissions Visitor Center	Yes	Yes - 6 ADA spaces located in the lot - 146 total spaces. 1 ADA space for this building	No	Yes - 9ft space with a 6ft aisle
Aiken Center (North)				
Aiken Center (South)	Davis Center Parking			
Allen House	Yes	Yes - 6 ADA spaces located in the lot - 146 total spaces. 1 ADA space for this building	No	No - Space is 8ft but the aisle is only 4.75ft, needs to be widened 0.25ft
Alumni House	Yes	Yes - 2 ADA spaces available in lot	No	Yes - spaces and aisles are both greater than 8ft

Spaces are 8ft wide with a 5ft aisle

Yes – Does meet code

No – Doesn't meet code

Act 250 Catalogue

Act 250 Permit	Location	Laws/Regulations Involved	Project Description	Date signed	Permit Expiration Date	Construction Completion	Permit Conditions
4C0102-1A	Southwick Hall	10 V.S.A. §§ 6001 - 6093 (Act 250)	Construct a 4,544 sf addition to Southwick Hall and associated site improvements	6/26/2019	Three years after issuance if construction has not made substantial progress toward	10/1/2022	The Permittee and all assigns and successors in interest shall continually maintain the landscaping as approved in Exhibit #008a by replacing any dead or diseased plantings within the season or as soon as possible after the ground thaws, whichever is sooner
4C0102-1A	Southwick Hall	10 V.S.A. §§ 6001 - 6093 (Act 250)	Construct a 4,544 sf addition to Southwick Hall and associated site improvements	6/26/2019	Three years after issuance if construction has not made substantial progress toward	10/1/2022	The installation of exterior light fixtures is limited to those approved in Exhibit #027. All exterior lighting shall be installed or shielded in such a manner as to conceal light sources and reflector surfaces from view beyond the perimeter of the area to be illuminated.
4C0102-1A	Southwick Hall	10 V.S.A. §§ 6001 - 6093 (Act 250)	Construct a 4,544 sf addition to Southwick Hall and associated site improvements	6/26/2019	Three years after issuance if construction has not made substantial progress toward	10/1/2022	The Permittee shall not erect additional exterior signage without prior written approval from the District Coordinator or the Commission, whichever is appropriate under the Act 250 Rules. Signage includes banners, flags, and other advertising displays, excepting temporary real estate marketing signs and temporary Grand Opening signs.



State of Vermont

Vermont Environmental Board
District Environmental Commission

LAND USE PERMIT

(10 VSA, Chapter 151)

Application Number:

4C0065

Name and Address of Applicant:

University of Vermont and State Agricultural College
Burlington, Vermont

Nature of Development or Subdivision:

Construction of a maple sugar laboratory and an office building

Location of Development or Subdivision:

705 Spear Street, South Burlington, Vermont

SUBJECT TO THE FINDINGS OF FACT AND CONCLUSIONS OF LAW ATTACHED HERETO, THE ABOVE NAMED APPLICANT MAY COMMENCE DEVELOPMENT OR SUBDIVISION ON THE LAND AS SPECIFIED IN SAID APPLICATION.

Permit Expiration Date:

31 June 1974

SIGNED:

Brian F. Lloyd
Environmental Coordinator
District Commission #4

Permit Filed and Entered Into the Docket This Date:

30 July 1972

Thank you!

