



Richard Bland College
of WILLIAM & MARY

Asset List Report

By Name

DRAFT

Richard Bland College of William & Mary - 20210702

Table of Contents

DRAFT

Region: Richard Bland College of William & Mary






Campus: Buildings	1
Campus: Site Infrastructure	4







Reporting Currency: USD




Adjustment Factor: 0%

Region Name: Richard Bland College of William & Mary

Campus Name: Buildings

Asset	Number	Age	Use	Size	Replacement Value	Cost/Unit	FCI Cost	FCI	RI Cost	RI	Asset Primary Photo
Asset Type: Building											
Barn Theatre	14	81	Assembly (Auditorium, Theater)	6,630	1,526,448	230	398,436	0.26	398,436	0.26	
Campus Police Department	12	86	Office	1,349	392,849	291	44,784	0.11	44,784	0.11	
Center for Student Affairs	98	87	Academic	7,274	2,213,556	304	353,475	0.16	353,475	0.16	
Ernst Hall	99	53	Academic	33,324	9,765,831	293	1,012,943	0.10	1,012,943	0.10	
Freedom Hall	1	13	Housing - Dormitory	63,319	19,103,091	302	1,852,807	0.10	1,852,807	0.10	

Asset	Number	Age	Use	Size	Replacement Value	Cost/Unit	FCI Cost	FCI	RI Cost	RI	Asset Primary Photo
Hospitality House	15	96	Housing - Single Family	2,343	801,876	342	66,029	0.08	66,029	0.08	
Humanities and Social Sciences Building	7	86	Academic	24,060	8,328,452	346	755,928	0.09	755,928	0.09	
James B. McNeer Hall - Science & Technology	4	11	Academic	53,550	20,922,871	391	739,789	0.04	739,789	0.04	
Library/Student Commons	6	52	Library	36,651	9,361,242	255	2,707,668	0.29	2,707,668	0.29	
Maintenance Building	13	26	Maintenance Shops	7,251	1,019,009	141	338,806	0.33	338,806	0.33	
Maze Hall	8	86	Academic	8,960	2,786,938	311	546,966	0.20	551,413	0.20	

Asset	Number	Age	Use	Size	Replacement Value	Cost/Unit	FCI Cost	FCI	RI Cost	RI	Asset Primary Photo
Patriot Hall	2	13	Housing - Dormitory	63,319	19,155,510	303	1,913,563	0.10	1,913,563	0.10	
President's Residence	18	96	Housing - Single Family	2,890	1,052,907	364	144,280	0.14	144,280	0.14	
Statesman Hall	3	50	Athletic Facility / Gymnasium	33,620	13,009,246	387	4,508,500	0.35	4,533,499	0.35	
Subtotal for Building				344,540	109,439,825	318	15,383,973	0.14	15,413,419	0.14	
Campus Name: Buildings					109,439,825		15,383,973	0.14	15,413,419	0.14	



Richard Bland College
of WILLIAM & MARY

Asset Overview Report

By Asset Name

DRAFT

Richard Bland College of William & Mary - 20210702

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Region: Richard Bland College of William & Mary

Campus: Buildings

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DRAFT

Asset Overview Report *By Asset Name*

Region: Richard Bland College of William & Mary

Asset: Barn Theatre

Campus: Buildings

Asset Number: 14

Assets are ordered by Asset Name Currency: USD

Statistics

FCI Cost:	398,436	FCI:	0.26
RI Cost:	398,436	RI:	0.26
Total Requirement Cost:	398,436	Size:	6,630 SF
Current Replacement Value:	1,526,448		

Address 1
City 11301 Johnson Road
Petersburg

Address 2
State/Province/Region -
Virginia

Photo



B10 - Single-Story - Wood

Asset Description

ARCHITECTURAL

The Barn Theater is located at 11301 Johnson Road, Petersburg, Virginia. This single story structure was built in 1940 and has 6,630 SF of space. The building consists of a large open area with a wood stage with restrooms. Per the International Building Code (IBC 2018), the building is classified as educational Group A, Use Group A-1, and Construction Type I.

STRUCTURE

SUBSTRUCTURE

The substructure consists of cast-in place concrete foundation walls with spread footings, and a cast-in-place concrete slab-on-grade.

SUPERSTRUCTURE

The building superstructure is a structural wooden arch, beams, and roof decks.

BUILDING EXTERIOR

EXTERIOR WALLS

The exterior walls are a concrete masonry unit.

EXTERIOR WINDOWS

The windows consist are made of steel with single pane glazing.

EXTERIOR DOORS

The exterior doors consist of metal service units set in metal frames.

ROOFING

The roofing assembly is a standing seam metal roof.

BUILDING INTERIOR

PARTITIONS

Interior walls are either concrete masonry units or a glazed concrete masonry units.

INTERIOR DOORS

Interior doors consist primarily of metal units set in metal frames, with push plates.

WALL FINISHES

Interior wall finishes consist primarily of concrete masonry units.

FLOOR FINISHES

The floor finishes is primarily epoxy with some carpet.

CEILING FINISHES

The ceilings either exposed of are painted gypsum.

MECHANICAL

HVAC

The HVAC system consists primarily of two pad-mounted packaged air conditioning units. Supplemental heating systems include a gas fired unit heater and perimeter electric baseboard heaters, although these systems are not currently in use. Ventilation / circulation is provided by three ceiling fans.

CONTROLS

The HVAC equipment is controlled by a DDC system.

PLUMBING

The building includes a copper pipe distribution system from the area utility to the restroom fixtures, water cooler, and service sinks. The plumbing fixtures include water closets, urinals and lavatories. Domestic hot water is produced by a 40 gallon electric water heater.

CONVEYANCE

N/A

FIRE PROTECTION

Fire protection is provided by hand held fire extinguishers.

ELECTRICAL

MAIN ELECTRICAL SERVICE AND DISTRIBUTION

The building received power from an underground feeder to a 600 Amp main distribution panels and then via branch wiring to outlets and lighting throughout the building.

LIGHTING

The Lighting systems consist of surface mounted T-8 and compact fluorescent and incandescent light fixtures.

EMERGENCY LIGHTING AND POWER

The building is also equipped with illuminated exit signs.

FIRE ALARM SYSTEMS

N/A

COMMUNICATIONS & SECURITY

N/A

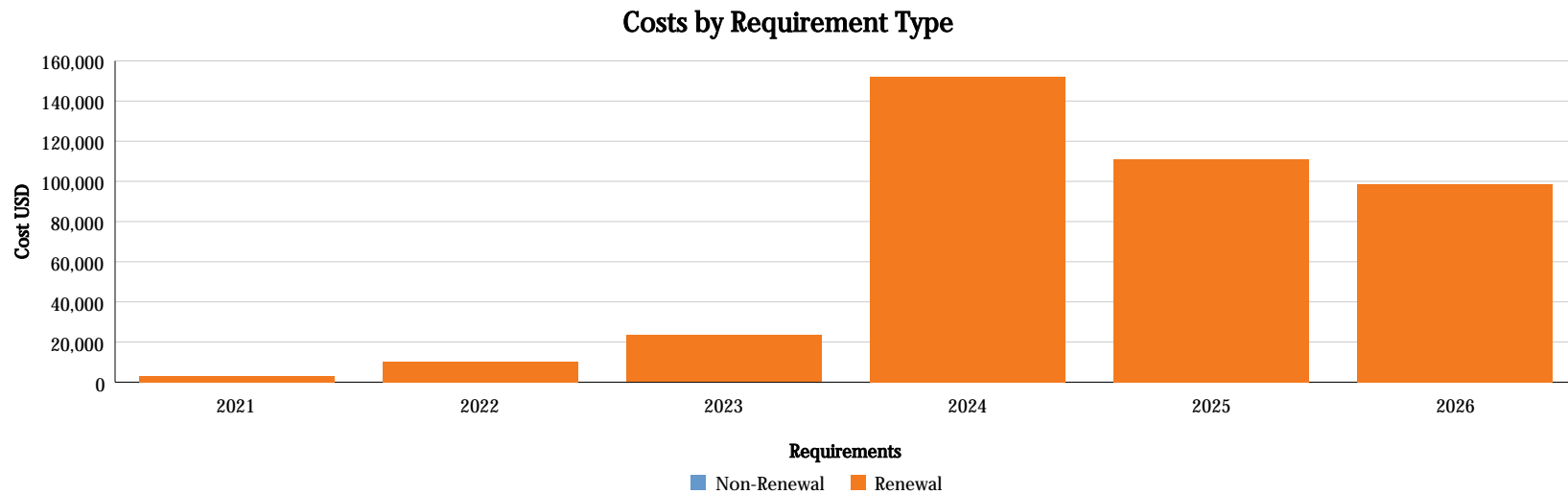
Asset Replacement Value Based on System Costs with Overheads

Uniformat	System Name	Lifetime (Years)	% Renew	Year Installed	Next Renewal Year	Renewal Cost	Replacement Cost
A - Substructure	Foundation Wall and Footings - No Basement	75	6	1940	2031	5,287	88,118
A - Substructure	Structural Slab on Grade - Non-Industrial - 4-In.	75	6	1940	2031	4,556	72,897
B10 - Superstructure	Single-Story - Wood	75	6	1940	2031	5,420	86,720
B1023 - Canopies	Fixed Fabric Canopy - Fabric Cover	15	125	2000	2023	4,721	3,777
B2010 - Exterior Walls	CMU Walls	75	12	1940	2031	12,538	100,300
B2011 - Exterior Wall Construction	Painted Finish - Exterior Walls	10	125	2005	2023	16,650	13,320
B2020 - Exterior Windows	Steel Windows	30	125	1940	2024	48,128	38,502
B2030 - Exterior Doors	Door Assembly - 6 x 7 HM	30	125	1995	2025	30,128	24,102
B2030 - Exterior Doors	Door Assembly - 3 x 7 HM	30	125	1995	2025	15,585	12,468
B30 - Roofing	Metal Roofing - High End	65	125	2010	2075	542,194	433,755
B30 - Roofing	Gutters and Downspouts - Aluminum	30	125	2010	2040	4,653	3,723
C1010 - Partitions	CMU Partitions - Non-Rated - Plain	50	62	1940	2031	10,199	16,318
C1010 - Partitions	CMU Partitions - Glazed - 1 Face	50	62	1940	2031	36,968	59,625
C1020 - Interior Doors	Swinging Doors - 3 x 7 HM - NR	50	125	1940	2026	43,558	34,847
C1030 - Fittings	Restroom Accessories	25	125	2010	2035	14,038	11,231
C1030 - Fittings	Toilet Partitions	40	125	2010	2050	5,857	4,686

Uniformat	System Name	Lifetime (Years)	% Renew	Year Installed	Next Renewal Year	Renewal Cost	Replacement Cost
C1035 - Identifying Devices	Fittings - Signage (Room Numbering and Identification)	10	125	2000	2021	3,269	2,615
C3020 - Floor Finishes	Wood Flooring - Quality	25	125	2010	2035	20,948	16,759
C3020 - Floor Finishes	Epoxy Flooring - Interior	25	125	2010	2035	39,769	31,815
C3020 - Floor Finishes	Carpeting - Tile	10	125	2015	2025	7,198	5,758
C3030 - Ceiling Finishes	GWB Ceilings - Taped and Finished	30	125	1940	2026	6,090	4,872
D2010 - Plumbing Fixtures	Custodial/Utility Sinks - PVC	30	125	2005	2035	2,485	1,988
D2010 - Plumbing Fixtures	Restroom Fixtures	30	125	1995	2025	26,154	20,923
D2010 - Plumbing Fixtures	Custodial/Utility Sinks - Wall Sink	30	125	1940	2024	8,636	6,909
D2010 - Plumbing Fixtures	Water Coolers - Wall-Mounted	20	125	1995	2024	4,093	3,274
D2020 - Domestic Water Distribution	Water Heater - Electric	10	112	1997	2022	6,827	6,095
D2020 - Domestic Water Distribution	Water Distribution Complete	30	112	1940	2024	20,395	18,210
D2030 - Sanitary Waste	Sanitary Waste - Gravity Discharge	50	125	1940	2027	29,169	23,335
D3012 - Gas Supply System	Natural Gas Service to Bldg - 1" Feed	40	125	1995	2035	3,114	2,491
D3040 - Distribution Systems	Ceiling Fan	25	125	2010	2035	2,396	1,917
D3040 - Distribution Systems	Perimeter Heat - Electric Baseboard	30	112	2005	2035	36,645	32,719
D3050 - Terminal and Package Units	Window AC Units	10	105	2000	2022	3,429	3,266
D3050 - Terminal and Package Units	Unit Heaters - Gas Fired	15	112	2015	2030	12,190	10,884
D3050 - Terminal and Package Units	Rooftop Unitary AC - Cooling w/Gas Heat	15	125	2009	2024	70,676	56,541
D3060 - Controls and Instrumentation	DDC System	20	125	2015	2035	80,712	64,570
D40 - Fire Protection	Fire Extinguishers - Dry Chemical	30	105	2021	2051	1,365	1,300
D5012 - Low Tension Service and Dist.	Distribution Equipment, Panelboards, and Feeders - 600A 208Y/120V	30	125	1996	2026	48,830	39,064

Uniformat	System Name	Lifetime (Years)	% Renew	Year Installed	Next Renewal Year	Renewal Cost	Replacement Cost
D5020 - Lighting and Branch Wiring	Lighting - Exterior - CFL Fixtures	20	125	2008	2028	7,350	5,880
D5021 - Branch Wiring Devices	Branch Wiring - Equipment & Devices	30	125	1995	2025	29,926	23,941
D5022 - Lighting Equipment	Lighting Fixtures	20	125	2008	2028	36,148	28,919
D5032 - Intercommunication and Paging System	Emergency Alert Box System	10	125	2015	2025	2,141	1,713
D5092 - Emergency Light and Power Systems	Exit Signs	10	125	2010	2023	2,002	1,602
E - Equipment and Furnishings	Theater And Stage Equipment	20	125	2010	2030	130,875	104,700
Subtotal							1,526,448
Overhead:							0
Subtotal							0
Total Replacement Value Based on System Costs with Overheads							1,526,448

Requirements including Renewals



Requirement Name	Renewal	Prime System	Category	Priority	Action Date	Estimated Cost
Branch Wiring - Equipment & Devices Renewal	Yes	D5021 - Branch Wiring Devices	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2025	29,926
Carpeting - Tile Renewal	Yes	C3020 - Floor Finishes	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2025	7,198
Custodial/Utility Sinks - Wall Sink Renewal	Yes	D2010 - Plumbing Fixtures	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2024	8,636
Distribution Equipment, Panelboards, and Feeders - 600A 208Y/120V Renewal	Yes	D5012 - Low Tension Service and Dist.	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2026	48,830

Requirement Name	Renewal	Prime System	Category	Priority	Action Date	Estimated Cost
Door Assembly - 3 x 7 HM Renewal	Yes	B2030 - Exterior Doors	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2025	15,585
Door Assembly - 6 x 7 HM Renewal	Yes	B2030 - Exterior Doors	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2025	30,128
Emergency Alert Box System Renewal	Yes	D5032 - Intercommunication and Paging System	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2025	2,141
Exit Signs Renewal	Yes	D5092 - Emergency Light and Power Systems	Lifecycle	2- Due within 2 Years of Inspection	Apr 26, 2023	2,002
Fittings - Signage (Room Numbering and Identification) Renewal	Yes	C1035 - Identifying Devices	Lifecycle	1- Due within 1 Year of Inspection	Apr 26, 2021	3,269
Fixed Fabric Canopy - Fabric Cover Renewal	Yes	B1023 - Canopies	Lifecycle	2- Due within 2 Years of Inspection	Apr 26, 2023	4,721
GWB Ceilings - Taped and Finished Renewal	Yes	C3030 - Ceiling Finishes	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2026	6,090
Painted Finish - Exterior Walls Renewal	Yes	B2011 - Exterior Wall Construction	Lifecycle	2- Due within 2 Years of Inspection	Apr 26, 2023	16,650
Restroom Fixtures Renewal	Yes	D2010 - Plumbing Fixtures	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2025	26,154
Rooftop Unitary AC - Cooling w/Gas Heat Renewal	Yes	D3050 - Terminal and Package Units	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2024	70,676
Steel Windows Renewal	Yes	B2020 - Exterior Windows	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2024	48,128
Swinging Doors - 3 x 7 HM - NR Renewal	Yes	C1020 - Interior Doors	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2026	43,558
Water Coolers - Wall-Mounted Renewal	Yes	D2010 - Plumbing Fixtures	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2024	4,093
Water Distribution Complete Renewal	Yes	D2020 - Domestic Water Distribution	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2024	20,395
Water Heater - Electric Renewal	Yes	D2020 - Domestic Water Distribution	Lifecycle	1- Due within 1 Year of Inspection	Apr 26,	6,827

Requirement Name	Renewal	Prime System	Category	Priority	Action Date	Estimated Cost
Window AC Units Renewal	Yes	D3050 - Terminal and Package Units	Lifecycle	1- Due within 1 Year of Inspection	2022 Apr 26, 2022	3,429
Total						398,436



DRAFT

Asset Overview Report

By Asset Name

Region: Richard Bland College of William & Mary

Asset: Campus Police Department

Campus: Buildings

Asset Number: 12

Assets are ordered by Asset Name Currency: USD

Statistics

FCI Cost:	44,784	FCI:	0.11
RI Cost:	44,784	RI:	0.11
Total Requirement Cost:	44,784	Size:	1,349 SF
Current Replacement Value:	392,849		

Address 1
City 11301 Johnson Road
Petersburg

Address 2
State/Province/Region -
Virginia

Photo



B10 - Single-Story - Steel Framed Roof on Columns

Asset Description

ARCHITECTURAL

The Campus Police Department is located at 11301 Johnson Road, Petersburg, Virginia. This single story steel structure was built in 1935 and has 1,349 SF of space. The building consists of offices. Per the International Building Code (IBC 2018), the building is classified as Business, Use Group B, and Construction Type II.

STRUCTURE

SUBSTRUCTURE

The substructure consists of cast in-place concrete foundation walls with spread footings, and a cast-in-place concrete slab-on-grade as well as a crawl space at the addition.

SUPERSTRUCTURE

The building superstructure is a steel framed building with wood framed beams and roof deck.

BUILDING EXTERIOR

EXTERIOR WALLS

The exterior walls are vinyl siding.

EXTERIOR WINDOWS

The windows consist of double hung vinyl units, with insulating glazing.

EXTERIOR DOORS

The exterior doors consist of metal units set in metal frames.

ROOFING

The roofing assembly is a sloped metal roof.

BUILDING INTERIOR

PARTITIONS

Interior walls consist primarily of painted gypsum wall board.

INTERIOR DOORS

Interior doors consist of wood in a wood frames, with lever-type hardware.

WALL FINISHES

Interior wall finishes consist primarily of painted gypsum wall board.

FLOOR FINISHES

The floor finishes are primarily VCT and carpet.

CEILING FINISHES

The ceilings consist of painted gypsum wall board.

MECHANICAL

HVAC

The HVAC system consists primarily of an air handler supported by a 2 ½ remote DX heat pump condensing unit. Ventilation is provided by a ceiling mounted restroom exhaust fan.

CONTROLS

The HVAC equipment is controlled by electric wall thermostats.

PLUMBING

Domestic water is provided by the utility to the building via copper piping. Water is distributed through the building by copper piping to restroom fixtures, and sanitary waste is conveyed from the building by PVC piping.

CONVEYANCE

N/A

FIRE PROTECTION

Fire protection is provided by hand held fire extinguishers.

ELECTRICAL

MAIN ELECTRICAL SERVICE AND DISTRIBUTION

The building received power from an underground feeder to a 100 Amp main distribution panels and then via branch wiring to outlets and lighting throughout the building.

LIGHTING

The Lighting systems consist of surface mounted T-8 and compact fluorescent and incandescent light fixtures.

EMERGENCY LIGHTING AND POWER

The building is equipped with illuminated exit signs and emergency egress wall pack fixtures with battery back up.

FIRE ALARM SYSTEMS

N/A

COMMUNICATIONS & SECURITY

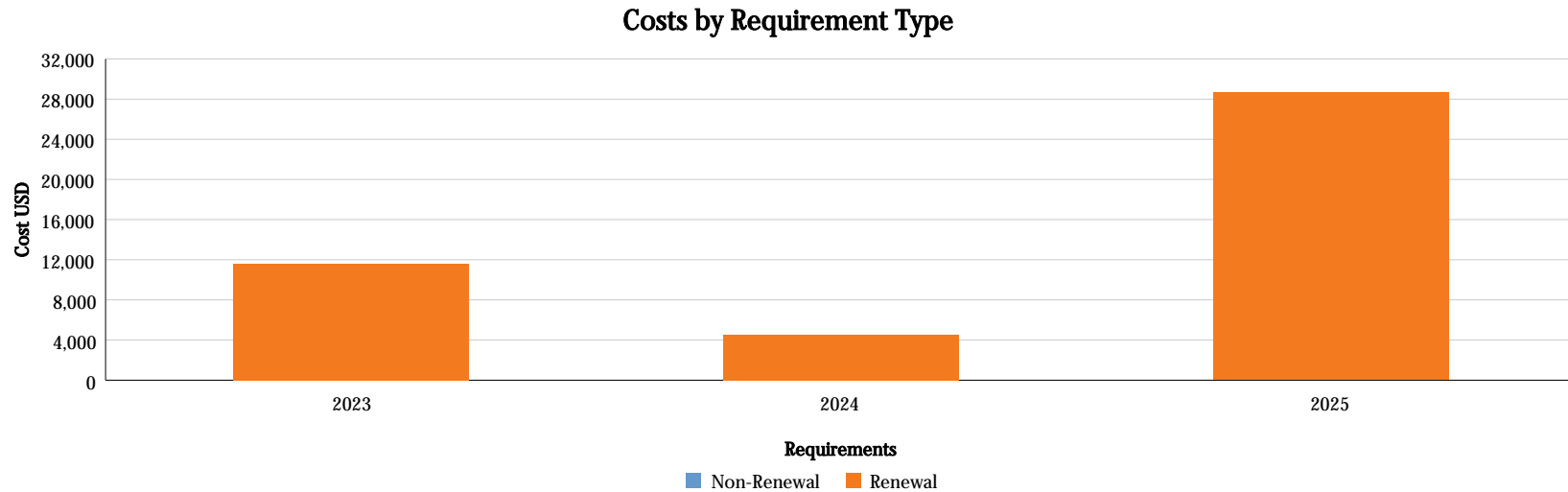
Communication equipment is provided by a wired and wireless LAN system and VOIP telephone system.

Asset Replacement Value Based on System Costs with Overheads

Uniformat	System Name	Lifetime (Years)	% Renew	Year Installed	Next Renewal Year	Renewal Cost	Replacement Cost
A - Substructure	Structural Slab on Grade - Non-Industrial - 4-In.	75	6	1935	2031	927	14,832
A - Substructure	Foundation Wall and Footings - No Basement	75	6	1935	2031	1,846	30,762
B10 - Superstructure	Single-Story - Steel Framed Roof on Columns	75	6	1935	2031	1,529	24,464
B2010 - Exterior Walls	Vinyl Siding	40	12	1995	2035	4,084	32,670
B2020 - Exterior Windows	Windows - Vinyl	30	125	1995	2025	194	155
B2030 - Exterior Doors	Door Assembly - 6 x 7 HM	30	125	1995	2025	20,085	16,068
B30 - Roofing	Metal Roofing - High End	65	125	1995	2060	98,111	78,489
C1010 - Partitions	GWB Partitions On Furring (Non-Painted)	50	62	2010	2060	3,653	5,844
C1010 - Partitions	GWB Partitions - Standard (Non-Painted)	50	62	2010	2060	16,436	26,298
C1017 - Interior Windows and Storefronts	Counter Window - Sliding	50	125	2010	2060	660	528
C1020 - Interior Doors	Swinging Doors - 3 x 7 Wd - NR	50	125	2010	2060	41,866	33,493
C3010 - Wall Finishes	Painted Finish - (1 Coat Prime - 2 Coats Finish)	10	125	2015	2025	4,950	3,960
C3020 - Floor Finishes	Carpet - Broadloom - Medium Range	10	125	2017	2027	5,138	4,110
C3020 - Floor Finishes	Vinyl Composition Tile - Quality	20	125	2017	2037	2,447	1,958
C3030 - Ceiling Finishes	GWB Taped and Finished	30	125	2010	2040	10,269	8,215

Uniformat	System Name	Lifetime (Years)	% Renew	Year Installed	Next Renewal Year	Renewal Cost	Replacement Cost
D2010 - Plumbing Fixtures	Restroom Fixtures	30	125	2008	2038	5,446	4,357
D3030 - Cooling Generating Systems	Heat Pump DX Condensing Unit - 2 1/2 Ton	15	125	2020	2035	4,690	3,752
D3040 - Distribution Systems	Exhaust System - Restroom Ceiling Fan	20	125	2008	2028	773	619
D3040 - Distribution Systems	Central AHU - Const Volume w/Distribution	25	125	2008	2033	45,151	36,121
D3050 - Terminal and Package Units	Window AC Units	10	105	2015	2025	3,429	3,266
D40 - Fire Protection	Fire Extinguishers - Dry Chemcial	30	105	2021	2051	512	488
D5012 - Low Tension Service and Dist.	Main Electrical Service - 100A 208Y/120V	30	125	2008	2038	9,397	7,518
D5020 - Lighting and Branch Wiring	Lighting - Exterior - LED Fixtures	20	125	2008	2028	2,282	1,826
D5021 - Branch Wiring Devices	Branch Wiring - Equipment & Devices	30	125	2008	2038	6,089	4,871
D5022 - Lighting Equipment	Lighting Fixtures	20	125	2008	2028	7,355	5,884
D5039 - Local Area Networks	LAN System	15	106	2008	2023	7,561	7,133
D5092 - Emergency Light and Power Systems	Emergency Battery Pack Lights	10	125	2008	2024	4,560	3,648
D5092 - Emergency Light and Power Systems	Exit Signs	10	125	2008	2023	4,005	3,204
D5092 - Emergency Light and Power Systems	Emergency Generator	20	125	2009	2029	35,396	28,316
Subtotal							392,849
Overhead:							0
Subtotal							0
Total Replacement Value Based on System Costs with Overheads							392,849

Requirements including Renewals



Requirement Name	Renewal	Prime System	Category	Priority	Action Date	Estimated Cost
Door Assembly - 6 x 7 HM Renewal	Yes	B2030 - Exterior Doors	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2025	20,085
Emergency Battery Pack Lights Renewal	Yes	D5092 - Emergency Light and Power Systems	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2024	4,560
Exit Signs Renewal	Yes	D5092 - Emergency Light and Power Systems	Lifecycle	2- Due within 2 Years of Inspection	Apr 26, 2023	4,005
LAN System Renewal	Yes	D5039 - Local Area Networks	Lifecycle	2- Due within 2 Years of Inspection	Apr 26, 2023	7,561
Painted Finish - (1 Coat Prime - 2 Coats Finish) Renewal	Yes	C3010 - Wall Finishes	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2025	4,950
Window AC Units Renewal	Yes	D3050 - Terminal and Package Units	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2025	3,429
Windows - Vinyl Renewal	Yes	B2020 - Exterior Windows	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2025	194
Total						44,784



DRAFT

Asset Overview Report

By Asset Name

Region: Richard Bland College of William & Mary

Asset: Center for Student Affairs

Campus: Buildings

Asset Number: 98

Assets are ordered by Asset Name

Currency: USD

Statistics

FCI Cost:	353,475	FCI:	0.16
RI Cost:	353,475	RI:	0.16
Total Requirement Cost:	353,477	Size:	7,274 SF
Current Replacement Value:	2,213,556		

Address 1
City

11301 Johnson Road
Petersburg

Address 2
State/Province/Region

-
Virginia

Photo



B10 - Multi-Story - Wood Frame - 1934

Asset Description

ARCHITECTURAL

The Center for Student Affairs Building is located at 11301 Johnson Road, Petersburg, Virginia. This single story structure was built in 1934 and has 7,274 SF of space. The building consists of offices with restrooms. Per the International Building Code (IBC 2018), the building is classified as educational Group E, Use Group E, and Construction Type I.

STRUCTURE

SUBSTRUCTURE

The substructure consists of cast-in place concrete foundation walls with spread footings, and a cast-in-place concrete slab-on-grade.

SUPERSTRUCTURE

The building superstructure is wood framed beams, floor, and roof decks.

BUILDING EXTERIOR

EXTERIOR WALLS

The exterior walls consist primarily of vinyl siding with some finer cement board.

EXTERIOR WINDOWS

The windows consist of double hung aluminum units, with insulating glazing.

EXTERIOR DOORS

The exterior doors consist of metal storefront style units set in aluminum frames.

ROOFING

The roofing assembly is a sloped roof with a metal roofing system..

BUILDING INTERIOR

PARTITIONS

Interior walls consist primarily of painted gypsum walls board.

INTERIOR DOORS

Interior doors consist of wood units set in metal frames, with lever-type hardware.

WALL FINISHES

Interior wall finishes consist primarily of painted gypsum board.

FLOOR FINISHES

The floor finishes are primarily of carpet with some vinyl composition tile.

CEILING FINISHES

The ceilings consist of acoustical tile in a suspension grid system or painted gypsum wall board.

MECHANICAL

HVAC

The HVAC system consists primarily of air handlers supported by remote DX heat pump condensing units. Supplemental cooling is provided by split DX AC units. Ventilation is provided by a duct mounted restroom exhaust fan.

CONTROLS

The HVAC equipment is controlled by electric wall thermostats.

PLUMBING

Domestic water is provided by the utility to the building via copper piping. Water is distributed through the building by copper piping to restroom fixtures, custodial fixtures, water coolers and kitchenette. Sanitary waste is conveyed from the building by PVC piping.

CONVEYANCE

The building is equipped with a hydraulic passenger elevator with a capacity of 2,000 lbs. That serves two floors.

FIRE PROTECTION

Fire protection is provided by hand held fire extinguishers.

ELECTRICAL

MAIN ELECTRICAL SERVICE AND DISTRIBUTION

The building received power from an underground feeder to a 400 Amp main distribution panels and then via branch wiring to outlets and lighting throughout the building.

LIGHTING

The Lighting systems consist of surface mounted T-8 and compact fluorescent and incandescent light fixtures.

EMERGENCY LIGHTING AND POWER

The building is equipped with illuminated exit signs and emergency egress wall pack fixtures with battery back up.

FIRE ALARM SYSTEMS

N/A

COMMUNICATIONS & SECURITY

Communication equipment is provided by a wired and wireless LAN system and VOIP telephone system.

Asset Replacement Value Based on System Costs with Overheads

Uniformat	System Name	Lifetime (Years)	% Renew	Year Installed	Next Renewal Year	Renewal Cost	Replacement Cost
A - Substructure	Foundation Wall and Footings - No Basement - 1934	75	6	1934	2031	4,525	75,417
A - Substructure	Structural Slab on Grade - Basement Floor - 2006	75	6	2006	2081	792	13,194
A - Substructure	Structural Slab on Grade - Basement Floor - 1934	75	6	1934	2031	1,608	26,795
A - Substructure	Foundation Wall and Footings - No Basement - 2006	75	6	2006	2081	1,846	30,762
B10 - Superstructure	Multi-Story - Wood Frame - 1934	75	6	1934	2031	10,491	174,843
B10 - Superstructure	Decks - Front	25	125	1934	2031	120,955	96,764
B10 - Superstructure	Multi-Story - Wood Frame - 2006	75	6	2006	2081	5,166	86,094
B1015 - Exterior Stairs and Fire Escapes	Exterior Stairs - Wood	20	112	1934	2031	3,810	3,401
B2010 - Exterior Walls	Fiber Cement Siding Walls	60	12	2006	2066	1,994	15,948
B2010 - Exterior Walls	Vinyl Siding/Soffits	40	12	2006	2046	23,389	187,110
B2011 - Exterior Wall Construction	Painted Finish - Porch	15	125	2012	2027	3,300	2,640
B2020 - Exterior Windows	Wood Windows	30	125	2006	2036	68,818	55,054
B2030 - Exterior Doors	Door Assembly - 3 x 7 Storefront	30	125	2006	2036	16,934	13,548
B2030 - Exterior Doors	Door Assembly - 6 x 7 Storefront	30	125	2006	2036	55,151	44,121
B30 - Roofing	Gutters and Downspouts - Aluminum	30	125	2006	2036	3,293	2,634

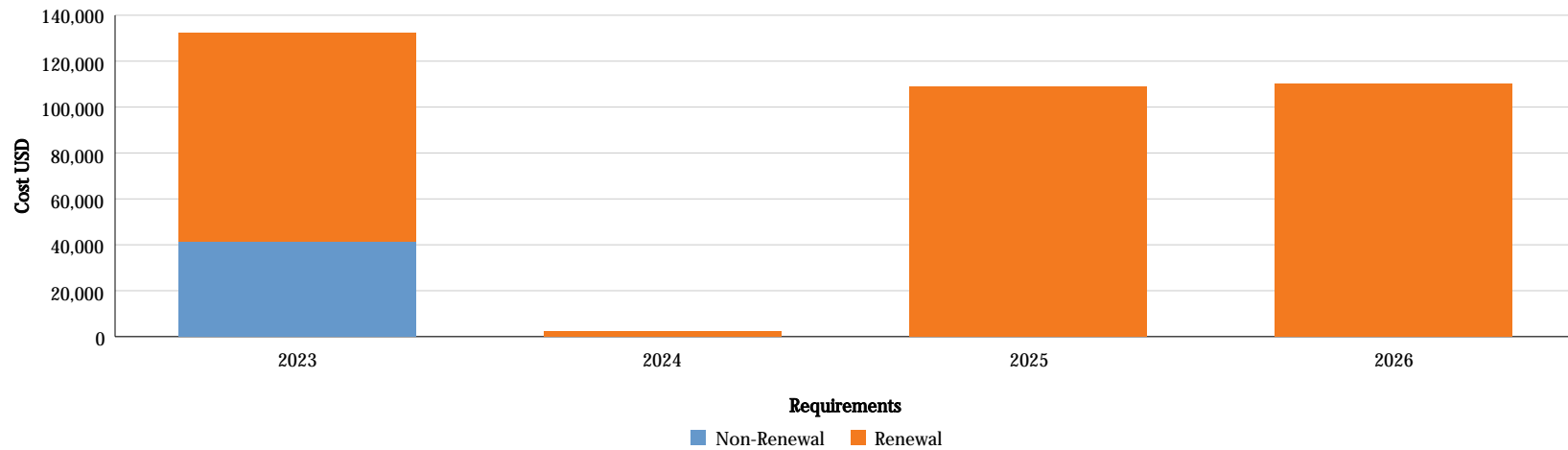
Uniformat	System Name	Lifetime (Years)	% Renew	Year Installed	Next Renewal Year	Renewal Cost	Replacement Cost
B30 - Roofing	Metal Roofing - High End	65	125	2006	2071	263,351	210,681
C1010 - Partitions	GWB Partitions On Furring (Non-Painted)	50	62	2006	2056	3,896	6,234
C1010 - Partitions	GWB Partitions - Standard (Non-Painted)	50	62	2006	2056	133,316	213,306
C1017 - Interior Windows and Storefronts	Counter Window - Sliding	50	125	2006	2056	1,319	1,056
C1020 - Interior Doors	Swinging Doors - 3 x 7 Wd - NR	50	125	2006	2056	175,836	140,669
C1030 - Fittings	Restroom Accessories	25	125	2006	2031	28,077	22,462
C1035 - Identifying Devices	Fittings - Signage (Room Numbering and Identification)	10	125	2006	2026	3,586	2,869
C20 - Stairs	Stairs - Wood Framed - Exit	75	38	2006	2081	1,276	3,401
C3010 - Wall Finishes	Painted Finish - (1 Coat Prime - 2 Coats Finish)	10	125	2015	2025	29,700	23,760
C3020 - Floor Finishes	Carpeting - Broadloom - Medium Range	10	125	2006	2026	56,512	45,210
C3020 - Floor Finishes	Vinyl Composition Tile - Quality	20	125	2006	2026	8,809	7,047
C3020 - Floor Finishes	Wood Flooring - Quality	25	125	2006	2031	20,948	16,759
C3030 - Ceiling Finishes	GWB Ceilings - Taped and Finished	30	125	2006	2036	19,792	15,834
C3030 - Ceiling Finishes	ACT System - Quality	20	125	2006	2026	41,400	33,120
D1010 - Elevators and Lifts	Hydraulic Passenger Elevator	35	125	2005	2040	148,823	119,059
D2010 - Plumbing Fixtures	Custodial/Utility Sinks - Floor Sink	30	125	2005	2035	17,272	13,818
D2010 - Plumbing Fixtures	Kitchenette - Cabinet, Counter and Sink	30	125	2005	2035	5,848	4,679
D2010 - Plumbing Fixtures	Restroom Fixtures	30	125	2005	2035	21,786	17,429
D2010 - Plumbing Fixtures	Water Coolers - Wall-Mounted	20	125	2005	2025	8,185	6,548
D2020 - Domestic Water Distribution	Water Heater - Electric - 30 Gal	10	112	2004	2023	5,672	5,064
D2020 - Domestic Water Distribution	Water Distribution Complete	30	112	2005	2035	22,376	19,979

Uniformat	System Name	Lifetime (Years)	% Renew	Year Installed	Next Renewal Year	Renewal Cost	Replacement Cost
D2030 - Sanitary Waste	Sanitary Waste - Gravity Discharge	50	125	2005	2055	32,002	25,602
D3030 - Cooling Generating Systems	Heat Pump DX Condensing Unit - 5 Ton	15	125	2012	2027	19,534	15,627
D3030 - Cooling Generating Systems	Heat Pump DX Condensing Unit - 4 Ton	15	125	2005	2023	15,384	12,307
D3040 - Distribution Systems	HVAC Distribution Ductwork	25	125	2005	2030	44,457	35,566
D3040 - Distribution Systems	Exhaust System - Duct Mounted Exhaust Fan	15	125	2005	2023	4,151	3,321
D3040 - Distribution Systems	Central AHU - Const Volume w/Distribution	25	125	2005	2030	180,605	144,484
D3040 - Distribution Systems	Perimeter Heat - Electric Baseboard	30	112	2005	2035	1,105	987
D3050 - Terminal and Package Units	Split DX AC	15	125	2005	2023	7,127	5,701
D3060 - Controls and Instrumentation	Electric Controls	20	125	2005	2025	18,317	14,654
D40 - Fire Protection	Fire Extinguishers - Dry Chemical	30	105	2021	2051	1,365	1,300
D5012 - Low Tension Service and Dist.	Main Electrical Service - 400A 208Y/120V	30	125	2005	2035	52,311	41,849
D5020 - Lighting and Branch Wiring	Lighting - Exterior - HID Wall Packs	20	125	2005	2025	6,846	5,477
D5020 - Lighting and Branch Wiring	Lighting - Exterior - CFL Fixtures	20	125	2005	2025	6,125	4,900
D5021 - Branch Wiring Devices	Branch Wiring - Equipment & Devices	30	125	2005	2035	32,833	26,267
D5022 - Lighting Equipment	Lighting Fixtures	20	125	2005	2025	39,660	31,728
D5032 - Intercommunication and Paging System	Emergency Alert Box System	10	125	2014	2024	2,141	1,713
D5038 - Security and Detection Systems	Security System - CCTV - Cameras	10	125	2018	2028	8,405	6,724
D5039 - Local Area Networks	LAN System	15	106	2005	2023	40,769	38,461
D5092 - Emergency Light and Power Systems	Emergency Battery Pack Lights	10	125	2005	2023	5,700	4,560
D5092 - Emergency Light and Power Systems	Exit Signs	10	125	2005	2023	12,015	9,612
E - Equipment and Furnishings	Fixed Casework	25	125	2006	2031	11,078	8,863

Uniformat	System Name	Lifetime (Years)	% Renew	Year Installed	Next Renewal Year	Renewal Cost	Replacement Cost
G2030 - Pedestrian Paving	Pedestrian Pavement - Concrete	25	62	2006	2031	10,342	16,548
					Subtotal		2,213,556
					Overhead:		0
					Subtotal		0
					Total Replacement Value Based on System Costs with Overheads		2,213,556

Requirements including Renewals

Costs by Requirement Type



Requirement Name	Renewal	Prime System	Category	Priority	Action Date	Estimated Cost
ACT System - Quality Renewal	Yes	C3030 - Ceiling Finishes	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2026	41,400
Carpeting - Broadloom - Medium Range Renewal	Yes	C3020 - Floor Finishes	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2026	56,513
Electric Controls Renewal	Yes	D3060 - Controls and Instrumentation	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2025	18,317
Emergency Alert Box System Renewal	Yes	D5032 - Intercommunication and Paging System	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2024	2,141
Emergency Battery Pack Lights Renewal	Yes	D5092 - Emergency Light and Power Systems	Lifecycle	2- Due within 2 Years of Inspection	Apr 26, 2023	5,700
Exhaust System - Duct Mounted Exhaust Fan Renewal	Yes	D3040 - Distribution Systems	Lifecycle	2- Due within 2 Years of Inspection	Apr 26, 2023	4,151
Exit Signs Renewal	Yes	D5092 - Emergency Light and Power Systems	Lifecycle	2- Due within 2 Years of Inspection	Apr 26, 2023	12,015
Exterior Walls - Stained	No	B2010 - Exterior Walls	Building Code	2- Due within 2 Years of Inspection	Apr 26, 2023	41,377
Fittings - Signage (Room Numbering and Identification) Renewal	Yes	C1035 - Identifying Devices	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2026	3,586
Heat Pump DX Condensing Unit - 4 Ton Renewal	Yes	D3030 - Cooling Generating Systems	Lifecycle	2- Due within 2 Years of Inspection	Apr 26, 2023	15,384

Requirement Name	Renewal	Prime System	Category	Priority	Action Date	Estimated Cost
LAN System Renewal	Yes	D5039 - Local Area Networks	Lifecycle	2- Due within 2 Years of Inspection	Apr 26, 2023	40,769
Lighting - Exterior - CFL Fixtures Renewal	Yes	D5020 - Lighting and Branch Wiring	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2025	6,125
Lighting - Exterior - HID Wall Packs Renewal	Yes	D5020 - Lighting and Branch Wiring	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2025	6,846
Lighting Fixtures Renewal	Yes	D5022 - Lighting Equipment	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2025	39,660
Painted Finish - (1 Coat Prime - 2 Coats Finish) Renewal	Yes	C3010 - Wall Finishes	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2025	29,700
Split DX AC Renewal	Yes	D3050 - Terminal and Package Units	Lifecycle	2- Due within 2 Years of Inspection	Apr 26, 2023	7,127
Vinyl Composition Tile - Quality Renewal	Yes	C3020 - Floor Finishes	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2026	8,809
Water Coolers - Wall-Mounted Renewal	Yes	D2010 - Plumbing Fixtures	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2025	8,185
Water Heater - Electric - 30 Gal Renewal	Yes	D2020 - Domestic Water Distribution	Lifecycle	2- Due within 2 Years of Inspection	Apr 26, 2023	5,672
Total						353,477



DRAFT

Asset Overview Report

By Asset Name

Region: Richard Bland College of William & Mary

Asset: Ernst Hall

Campus: Buildings

Asset Number: 99

Assets are ordered by Asset Name

Currency: USD

Statistics

FCI Cost:	1,012,943	FCI:	0.10
RI Cost:	1,012,943	RI:	0.10
Total Requirement Cost:	1,012,943	Size:	33,324 SF
Current Replacement Value:	9,765,831		

Address 1
City

11301 Johnson Road
Petersburg

Address 2
State/Province/Region

-
Virginia

Photo



B10 - Multi-Story - Steel

Asset Description

ARCHITECTURAL

The Ernst Hall Building is located at 11301 Johnson Road, Petersburg, Virginia. This 2-story structure was built in 1968 and has 33,323 SF of space. The building consists of classrooms and auditorium with restrooms. Per the International Building Code (IBC 2018), the building is classified as educational Group E, Use Group E, and Construction Type I.

STRUCTURE

SUBSTRUCTURE

The substructure consists of cast-in place concrete foundation walls with spread footings, and a cast-in-place concrete slab-on-grade.

SUPERSTRUCTURE

The building superstructure is of structural steel columns, beams, floor, and roof decks.

BUILDING EXTERIOR

EXTERIOR WALLS

The exterior walls consist primarily of brick veneer, precast concrete and metal panel.

EXTERIOR WINDOWS

The windows consist of fixed aluminum units, with insulating glazing.

EXTERIOR DOORS

The exterior doors consist of metal service units set in metal frames and storefront style units set in aluminum frames.

ROOFING

The roofing assemblies are flat and appear to be consisted of a single-ply membrane roofing system or a standing metal roof. The mansard roof is slate.

BUILDING INTERIOR

PARTITIONS

Interior walls consist primarily of painted gypsum walls board or CMU block walls.

INTERIOR DOORS

Interior doors consist primarily of wood units set in metal frames, with lever-type hardware. Additional interior doors consist of metal units set in metal frames or glazed units set in aluminum frames, with pull handles, push plates, lever-type hardware.

WALL FINISHES

Interior wall finishes consist primarily of painted gypsum board.

FLOOR FINISHES

The floor finishes are primarily of carpet with some composition tile and ceramic tile at the restrooms. The main corridor on each floor has terrazzo flooring.

CEILING FINISHES

The ceilings consist primarily of painted gypsum and acoustical tile in a suspension grid system.

MECHANICAL

HVAC

The HVAC system consists primarily of two packaged rooftop air conditioning units with electric heat. Additionally, there are eight VRV condensing units that provide heating and cooling via distributed evaporative units throughout the building. The building ventilation system includes three medium roof exhaust fans and a duct mounded exhaust fan. There is one dedicated air handling unit with a remote DX AC condensing unit that serves a portion of the first floor.

CONTROLS

The HVAC equipment is controlled by electric wall thermostats.

PLUMBING

Domestic water is provided by the utility to the building via copper piping. Water is distributed through the building by copper piping to restroom, custodial and kitchen fixtures, and sanitary waste is conveyed from the building by PVC piping. Water coolers are located throughout the building.

CONVEYANCE

The building is equipped with a passenger hydraulic elevator with a capacity of 2,500 lbs. That serves 2 floors.

FIRE PROTECTION

Fire protection is provided by a wet pipe fire sprinkler system and hand held fire extinguishers.

ELECTRICAL

MAIN ELECTRICAL SERVICE AND DISTRIBUTION

The building received power from an underground feeder to a 1600 Amp main distribution panels and then via branch wiring to outlets and lighting throughout the building.

LIGHTING

The Lighting systems consist of flush and recessed mounted T-8 and compact fluorescent and incandescent light fixtures.

EMERGENCY LIGHTING AND POWER

Emergency power is produced by a natural gas emergency generator.

FIRE ALARM SYSTEMS

The building includes a fully addressable fire alarm system with remote devices.

COMMUNICATIONS & SECURITY

Communication equipment is provided by a wired and wireless LAN system and VOIP telephone system.

Security systems include remotely monitored CCTV cameras and a card access system at the entrances.

Asset Replacement Value Based on System Costs with Overheads

Uniformat	System Name	Lifetime (Years)	% Renew	Year Installed	Next Renewal Year	Renewal Cost	Replacement Cost
A - Substructure	Foundation Wall and Footings 8-Ft - Partial Basement	75	6	1968	2043	4,094	65,497
A - Substructure	Foundation Wall and Footings - No Basement	75	6	1968	2043	8,931	148,849
A - Substructure	Structural Slab on Grade - Non-Industrial - 4-In.	75	6	1968	2043	11,552	184,826
B10 - Superstructure	Multi-Story - Steel	75	6	1968	2043	105,430	1,686,878
B10 - Superstructure	Sloped Seating - Concrete - Auditorium	75	6	1968	2043	5,003	80,045
B1014 - Ramps	Exterior Accessible Ramp - Concrete	50	12	2014	2064	8,205	65,640
B1015 - Exterior Stairs and Fire Escapes	Exterior Stairs - Concrete	50	125	2014	2064	27,480	21,984
B2010 - Exterior Walls	Composite Metal Paneled Walls - Metal Stud Backup	60	12	2014	2074	16,032	128,256
B2010 - Exterior Walls	Brick Cavity Walls - CMU Backup	75	12	1968	2043	84,247	673,974
B2010 - Exterior Walls	Pre-Cast Concrete Panels - Metal Stud Backup	75	12	1968	2043	35,918	287,343
B2016 - Exterior Soffits	Exterior Soffit - Stucco	25	125	1968	2031	29,094	23,275

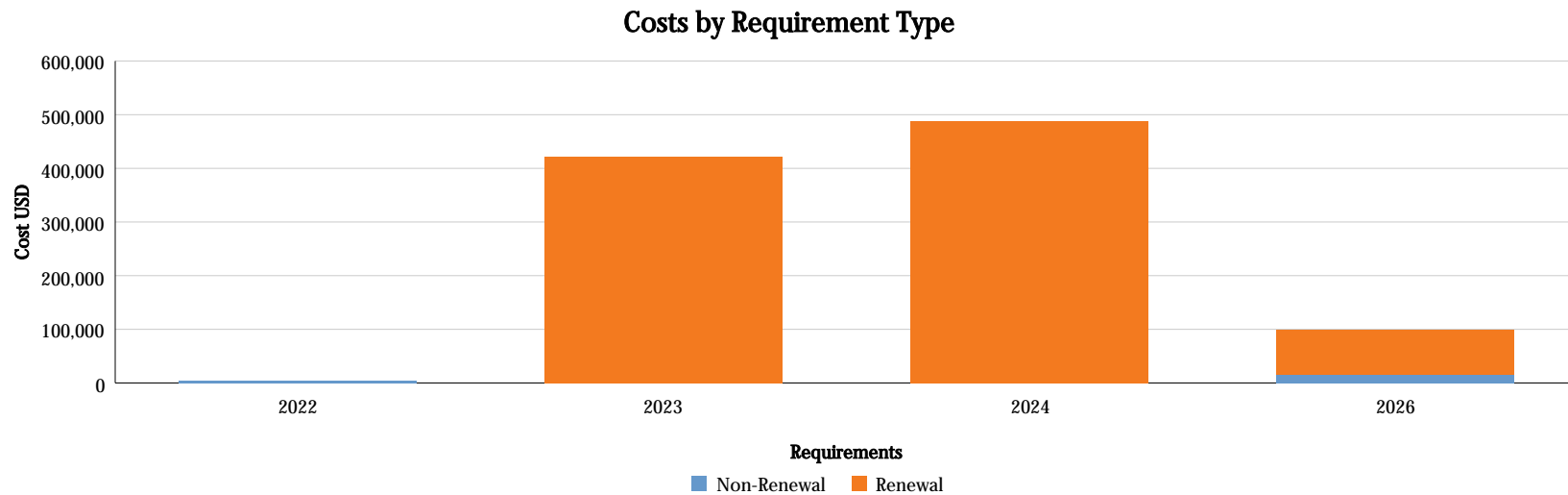
Uniformat	System Name	Lifetime (Years)	% Renew	Year Installed	Next Renewal Year	Renewal Cost	Replacement Cost
B2016 - Exterior Soffits	Metal Soffits - High Quality	60	12	2014	2074	2,366	18,924
B2016 - Exterior Soffits	Exterior Soffits - Painted Finish	15	125	2014	2029	2,392	1,914
B2020 - Exterior Windows	Aluminum Windows	30	125	2014	2044	426,780	341,424
B2030 - Exterior Doors	Door Assembly - 6 x 7 HM	30	125	2014	2044	10,043	8,034
B2030 - Exterior Doors	Door Assembly - 6 x 7 Storefront	30	125	2014	2044	68,939	55,151
B2030 - Exterior Doors	Automatic Openers - Single	30	125	2014	2044	33,821	27,057
B2030 - Exterior Doors	Door Assembly - 3 x 7 HM	30	125	2014	2044	5,195	4,156
B30 - Roofing	Metal Roofing - High End	65	125	2014	2079	77,456	61,965
B30 - Roofing	Slate Tile Roofing	75	125	1968	2043	99,380	79,504
B30 - Roofing	Single-Ply Membrane - Fully Adhered	25	125	2014	2039	241,887	193,510
B3022 - Roof Hatches	Roof Hatch	40	125	2014	2054	1,815	1,452
C1010 - Partitions	Windows/Storefront Partitions	50	62	2014	2064	134,773	217,376
C1010 - Partitions	GWB Partitions - Standard (Non-Painted)	50	62	2014	2064	557,006	891,210
C1010 - Partitions	GWB Partitions On Furring (Non-Painted)	50	62	2014	2064	27,274	43,638
C1010 - Partitions	CMU Block Walls - Plain	50	62	2014	2064	62,544	100,878
C1020 - Interior Doors	Swinging Doors - 3 x 7 HM - NR	50	125	2014	2064	14,519	11,616
C1020 - Interior Doors	Sliding Doors - Pair - 4 x 7 Wd - NR - Barn Door	50	125	2014	2064	40,862	32,690
C1020 - Interior Doors	Swinging Doors - 3 x 7 Wd - NR	50	125	2014	2064	175,836	140,669
C1030 - Fittings	Toilet Partitions	40	125	2014	2054	31,237	24,990
C1030 - Fittings	Restroom Accessories	25	125	2014	2039	56,154	44,923
C1035 - Identifying Devices	Fittings - Signage (Room Numbering and Identification)	10	125	2014	2024	16,430	13,144
C20 - Stairs	Stairs - Monumental	75	38	2014	2089	30,593	81,581

Uniformat	System Name	Lifetime (Years)	% Renew	Year Installed	Next Renewal Year	Renewal Cost	Replacement Cost
C2014 - Stair Handrails and Balustrades	Interior Metal/Glass Railings	75	125	2014	2089	22,314	17,851
C3010 - Wall Finishes	Wall Finish - Wood Paneling	25	125	2014	2039	179,775	143,820
C3010 - Wall Finishes	Ceramic Wall Tile	25	125	2014	2039	48,785	39,028
C3010 - Wall Finishes	Painted Finish - (1 Coat Prime - 2 Coats Finish)	10	125	2014	2024	107,250	85,800
C3020 - Floor Finishes	Ceramic Tile	25	125	2014	2039	67,100	53,680
C3020 - Floor Finishes	Epoxy Floor Finish - Interior	50	125	2014	2064	14,115	11,292
C3020 - Floor Finishes	Carpeting - Tile	10	125	2014	2024	128,960	103,168
C3020 - Floor Finishes	Terrazzo - Cast-in-Place	50	125	2014	2064	325,716	260,572
C3020 - Floor Finishes	Vinyl Composition Tile - Quality	20	125	2014	2034	8,319	6,656
C3030 - Ceiling Finishes	GWB Taped and Finished	30	125	2014	2044	13,702	10,962
C3030 - Ceiling Finishes	ACT System - Quality	20	125	2014	2034	276,000	220,800
D1010 - Elevators and Lifts	Hydraulic Passenger Elevator	35	125	1980	2023	136,448	109,159
D1013 - Lifts	Wheelchair Lift	25	105	2014	2039	21,910	20,866
D2010 - Plumbing Fixtures	Kitchenette - Cabinet, Counter and Sink	30	125	2014	2044	11,697	9,357
D2010 - Plumbing Fixtures	Water Coolers - Wall-Mounted Dual Height	20	125	2014	2034	23,887	19,109
D2010 - Plumbing Fixtures	Restroom Fixtures	30	125	2014	2044	110,876	88,701
D2010 - Plumbing Fixtures	Custodial/Utility Sinks	30	125	2014	2044	4,969	3,975
D2020 - Domestic Water Distribution	Water Heater - Gas - 50 Gal	10	112	2014	2024	15,789	14,098
D2020 - Domestic Water Distribution	Water Distribution Complete	30	112	2014	2044	102,510	91,527
D2030 - Sanitary Waste	Sanitary Waste - Gravity Discharge	50	125	2014	2064	146,611	117,289
D2040 - Rain Water Drainage	Roof Drainage - Gravity	50	125	2014	2064	114,250	91,400
D3030 - Cooling Generating Systems	DX Condensing Unit - 2 Ton	15	125	2019	2034	3,453	2,762

Uniformat	System Name	Lifetime (Years)	% Renew	Year Installed	Next Renewal Year	Renewal Cost	Replacement Cost
D3040 - Distribution Systems	Central AHU - Const Volume w/Distribution	25	125	2019	2044	45,151	36,121
D3040 - Distribution Systems	Exhaust System - Roof Fan - Medium	20	125	2014	2034	18,723	14,979
D3040 - Distribution Systems	Exhaust System - Duct Mounted Exhaust Fan	15	125	2014	2029	4,151	3,321
D3050 - Terminal and Package Units	Unit Heaters - Electric	15	112	2014	2029	9,360	8,358
D3050 - Terminal and Package Units	Rooftop Unitary AC - Cooling w/Electric Heat - RTU 1	15	125	2006	2023	285,023	228,018
D3050 - Terminal and Package Units	Variable Refrigerant Volume DX Heat Pumps	15	125	2014	2029	519,545	415,636
D3050 - Terminal and Package Units	Rooftop Unitary AC - Cooling w/Electric Heat - OAU-1	15	125	2014	2029	119,465	95,572
D3060 - Controls and Instrumentation	Electric Controls	20	125	2006	2026	83,915	67,132
D40 - Fire Protection	Fire Extinguishers - Dry Chemical	30	105	2021	2051	1,536	1,463
D40 - Fire Protection	Wet Sprinkler System - Light Hazard wo/Pump	35	125	2014	2049	346,817	277,453
D5012 - Low Tension Service and Dist.	Distribution Equipment, Panelboards, and Feeders - 1600A 208Y/120V	30	125	2014	2044	396,519	317,215
D5020 - Lighting and Branch Wiring	Lighting - Exterior - CFL Fixtures	20	125	2014	2034	6,737	5,390
D5020 - Lighting and Branch Wiring	Lighting - Exterior - HID Wall Packs	20	125	2014	2034	5,705	4,564
D5021 - Branch Wiring Devices	Branch Wiring - Equipment & Devices	30	125	2014	2044	150,417	120,334
D5022 - Lighting Equipment	Lighting Fixtures	20	125	2014	2034	296,429	237,143
D5032 - Intercommunication and Paging System	Emergency Alert Box System	10	125	2014	2024	12,846	10,277
D5033 - Telephone Systems	Telephone System	10	106	2014	2024	164,122	154,832
D5038 - Security and Detection Systems	Security System - CCTV - Cameras	10	125	2018	2028	27,032	21,626
D5038 - Security and Detection Systems	Security System - Card Access System	10	125	2014	2024	42,541	34,032

Uniformat	System Name	Lifetime (Years)	% Renew	Year Installed	Next Renewal Year	Renewal Cost	Replacement Cost
D5039 - Local Area Networks	LAN System	15	106	2014	2029	186,773	176,201
D5091 - Grounding Systems	Lightning Protection System	30	125	2014	2044	42,479	33,983
D5092 - Emergency Light and Power Systems	Emergency Generator	20	125	2014	2034	55,226	44,181
E - Equipment and Furnishings	Fixed Auditorium Seating	35	62	2014	2049	74,474	119,159
E - Equipment and Furnishings	Fixed Casework	25	125	2014	2039	66,470	53,176
E10 - Equipment	Roof Access Ladder - Interior	50	125	1968	2031	1,780	1,424
Subtotal							9,765,831
Overhead:							0
Subtotal							0
Total Replacement Value Based on System Costs with Overheads							9,765,831

Requirements including Renewals



Requirement Name	Renewal	Prime System	Category	Priority	Action Date	Estimated Cost
ADAAG - Door Assembly - Electronic Door Openers Lacking	No	B2030 - Exterior Doors	Accessibility	1- Due within 1 Year of Inspection	Apr 26, 2022	4,711
Carpeting - Tile Renewal	Yes	C3020 - Floor Finishes	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2024	128,960
Electric Controls Renewal	Yes	D3060 - Controls and Instrumentation	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2026	83,915
Emergency Alert Box System Renewal	Yes	D5032 - Intercommunication and Paging System	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2024	12,846
Exterior Walls - Deteriorated Caulk and Control Joints	No	B2010 - Exterior Walls	Reliability	3- Due within 5 Years of Inspection	Apr 26, 2026	14,908
Fittings - Signage (Room Numbering and Identification) Renewal	Yes	C1035 - Identifying Devices	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2024	16,430
Hydraulic Passenger Elevator Renewal	Yes	D1010 - Elevators and Lifts	Lifecycle	2- Due within 2 Years of Inspection	Apr 26, 2023	136,448
Painted Finish - (1 Coat Prime - 2 Coats Finish) Renewal	Yes	C3010 - Wall Finishes	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2024	107,250

Requirement Name	Renewal	Prime System	Category	Priority	Action Date	Estimated Cost
Rooftop Unitary AC - Cooling w/Electric Heat - RTU 1 Renewal	Yes	D3050 - Terminal and Package Units	Lifecycle	2- Due within 2 Years of Inspection	Apr 26, 2023	285,023
Security System - Card Access System Renewal	Yes	D5038 - Security and Detection Systems	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2024	42,541
Telephone System Renewal	Yes	D5033 - Telephone Systems	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2024	164,122
Water Heater - Gas - 50 Gal Renewal	Yes	D2020 - Domestic Water Distribution	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2024	15,789
Total						1,012,943



DRAFT

Asset Overview Report *By Asset Name*

Region: Richard Bland College of William & Mary

Asset: Freedom Hall

Campus: Buildings

Asset Number: 1

Assets are ordered by Asset Name

Currency: USD

Statistics

FCI Cost:	1,852,807	FCI:	0.10
RI Cost:	1,852,807	RI:	0.10
Total Requirement Cost:	1,852,807	Size:	63,319 SF
Current Replacement Value:	19,103,091		

Address 1
City

11301 Johnson Road
Petersburg

Address 2
State/Province/Region

-
Virginia

Photo



B10 - Multi-Story - Steel

Asset Description

ARCHITECTURAL

The Freedom Hall Building is located at 11301 Johnson Road, Petersburg, Virginia. This 4-story structure was built in 2008 and has 63,319 SF of space. The building consists of dormitory suites with bathrooms and common areas at each elevator lobby. Per the International Building Code (IBC 2018), the building is classified as Residential Group R, Use Group R-2, and Construction Type I.

STRUCTURE

SUBSTRUCTURE

The substructure consists of cast-in place concrete foundation walls with spread footings, and a cast-in-place concrete slab-on-grade.

SUPERSTRUCTURE

The building superstructure is of structural steel columns, beams, floor, and roof decks.

BUILDING EXTERIOR

EXTERIOR WALLS

The exterior walls consist primarily of brick veneer and EIFS.

EXTERIOR WINDOWS

The windows consist of fixed aluminum units, with insulating glazing.

EXTERIOR DOORS

The exterior doors consist of metal service units set in metal frames and storefront style units set in aluminum frames.

ROOFING

The roofing assemblies are flat and appear to be consisted of a single-ply membrane roofing system or an asphalt shingle system with small sections of metal roofing at the dormers.

BUILDING INTERIOR

PARTITIONS

Interior walls consist primarily of painted gypsum walls board or CMU block walls.

INTERIOR DOORS

Interior doors consist primarily of wood units set in metal frames, with lever-type hardware. Additional interior doors consist of metal units set in metal frames or glazed units set in aluminum frames and lever-type hardware.

WALL FINISHES

Interior wall finishes consist primarily of painted gypsum board.

FLOOR FINISHES

The floor finishes are primarily of carpet and vinyl composition tile with some older sheet vinyl flooring at restrooms and some kitchens. The main corridor on each floor have primarily carpet and ceramic tile at the elevator lobby.

CEILING FINISHES

The ceilings consist primarily of painted gypsum and acoustical tile in a suspension grid system.

MECHANICAL

HVAC

The HVAC system consists primarily of three packaged rooftop air conditioning units. Additionally, each suite is equipped with an air handler supported by a roof mounted remote heat pump condensing unit. Ventilation is provided by three rooftop exhaust fans. Supplemental heating is provided by electric unit heaters in the stairwells.

CONTROLS

The HVAC equipment is controlled by electric wall thermostats.

PLUMBING

Domestic water is provided by the utility to the building via copper piping. Water is distributed through the building by copper piping to restroom, custodial and kitchen fixtures, and sanitary waste is conveyed from the building by PVC piping. Water coolers are located on the first floor.

CONVEYANCE

The building is equipped with a passenger hydraulic elevator with a capacity of 2,500 lbs. That serves 4 floors.

FIRE PROTECTION

Fire protection is provided by a wet pipe fire sprinkler system and hand held fire extinguishers.

ELECTRICAL

MAIN ELECTRICAL SERVICE AND DISTRIBUTION

The building received power from an underground feeder to a 2500 Amp main distribution panels and then via branch wiring to outlets and lighting throughout the building. Sub-panels are also located in each suite.

LIGHTING

The Lighting systems consist of surface mounted T-8 and compact fluorescent and incandescent light fixtures.

EMERGENCY LIGHTING AND POWER

Emergency power is produced by a natural gas emergency generator. The building is also equipped with illuminated exit signs.

FIRE ALARM SYSTEMS

The building is equipped with a zone type fire alarm system.

COMMUNICATIONS & SECURITY

Communication equipment is provided by a wired and wireless LAN system and VOIP telephone system.

Security systems include remotely monitored CCTV cameras.

----- Added by another team member: -----

ARCHITECTURAL

The Freedom Hall Building is located at 11301 Johnson Road, Petersburg, Virginia. This 4-story structure was built in 2008 and has 63,319 SF of space. The building consists of dormitory suites with bathrooms and common areas at each elevator lobby. Per the International Building Code (IBC 2018), the building is classified as Residential Group R, Use Group R-2, and Construction Type I.

STRUCTURE

SUBSTRUCTURE

The substructure consists of cast-in place concrete foundation walls with spread footings, and a cast-in-place concrete slab-on-grade.

SUPERSTRUCTURE

The building superstructure is of structural steel columns, beams, floor, and roof decks.

BUILDING EXTERIOR

EXTERIOR WALLS

The exterior walls consist primarily of brick veneer and EIFS.

EXTERIOR WINDOWS

The windows consist of fixed aluminum units, with insulating glazing.

EXTERIOR DOORS

The exterior doors consist of metal service units set in metal frames and storefront style units set in aluminum frames.

ROOFING

The roofing assemblies are flat and appear to be consisted of a single-ply membrane roofing system or an asphalt shingle system with small sections of metal roofing at the dormers.

BUILDING INTERIOR

PARTITIONS

Interior walls consist primarily of painted gypsum walls board or CMU block walls.

INTERIOR DOORS

Interior doors consist primarily of wood units set in metal frames, with lever-type hardware. Additional interior doors consist of metal units set in metal frames or glazed units set in aluminum frames, with pull handles, push plates, knob or lever-type hardware.

WALL FINISHES

Interior wall finishes consist primarily of painted gypsum board.

FLOOR FINISHES

The floor finishes are primarily of carpet and vinyl composition tile with some older sheet vinyl flooring at restrooms and bathrooms. The main corridor on each floor have primarily carpet and ceramic tile at the elevator lobby.

CEILING FINISHES

The ceilings consist primarily of painted gypsum and acoustical tile in a suspension grid system.

Asset Replacement Value Based on System Costs with Overheads

Uniformat	System Name	Lifetime (Years)	% Renew	Year Installed	Next Renewal Year	Renewal Cost	Replacement Cost
A - Substructure	Structural Slab on Grade - Non-Industrial - 4-In.	75	6	2008	2083	10,878	174,051

Uniformat	System Name	Lifetime (Years)	% Renew	Year Installed	Next Renewal Year	Renewal Cost	Replacement Cost
A - Substructure	Foundation Wall and Footings - No Basement	75	6	2008	2083	8,336	138,926
B10 - Superstructure	Fireproofing - Fiber Encasement	75	125	2008	2083	443,407	354,726
B10 - Superstructure	Multi-Story - Steel	75	6	2008	2083	200,327	3,205,239
B2010 - Exterior Walls	Brick Veneer Walls - Metal Stud Backup	75	12	2008	2083	90,919	757,659
B2010 - Exterior Walls	EIFS Veneer Walls - Metal Stud Backup	60	12	2008	2068	20,966	174,714
B2010 - Exterior Walls	Metal Paneled - Soffit	60	125	2008	2068	150,964	120,771
B2020 - Exterior Windows	Aluminum Windows	30	125	2008	2038	782,430	625,944
B2030 - Exterior Doors	Door Assembly - 3 x 7 HM	30	125	2008	2038	31,169	24,935
B2030 - Exterior Doors	Door Assembly - 3 x 7 Storefront	30	125	2008	2038	16,934	13,548
B2030 - Exterior Doors	Door Assembly - 6 x 7 Storefront	30	125	2008	2038	13,788	11,030
B30 - Roofing	Metal Roofing - High End	65	125	2008	2073	30,982	24,786
B30 - Roofing	Gutters and Downspouts - Aluminum	30	125	2008	2038	10,022	8,018
B30 - Roofing	Asphalt Shingled Roofing	20	125	2008	2028	130,502	104,402
B30 - Roofing	Single-Ply Membrane - Fully Adhered	25	125	2008	2033	66,357	53,086
B3022 - Roof Hatches	Roof Hatch	40	125	2008	2048	7,259	5,807
C1010 - Partitions	CMU Block Walls - Plain	50	62	2008	2058	131,527	212,140
C1010 - Partitions	GWB Partitions - Standard (Non-Painted)	50	62	2008	2058	1,214,456	1,943,130
C1010 - Partitions	GWB Partitions On Furring (Non-Painted)	50	62	2008	2058	35,310	56,496
C1020 - Interior Doors	Swinging Doors - 3 x 7 Storefront	50	125	2008	2058	25,402	20,321
C1020 - Interior Doors	Swinging Doors - 3 x 7 HM - NR	50	125	2008	2058	261,351	209,080
C1020 - Interior Doors	Swinging Doors - 3 x 7 Wd - NR	50	125	2008	2058	1,766,731	1,413,385
C1020 - Interior Doors	Swinging Doors - Pair - 6 x 7 Wd - NR	50	125	2008	2058	46,186	36,949

Uniformat	System Name	Lifetime (Years)	% Renew	Year Installed	Next Renewal Year	Renewal Cost	Replacement Cost
C1020 - Interior Doors	Swinging Doors - Pair - 6 x 7 HM - NR	50	125	2008	2058	25,212	20,170
C1030 - Fittings	Restroom Accessories	25	125	2008	2033	112,308	89,846
C1035 - Identifying Devices	Fittings - Signage (Room Numbering and Identification)	10	125	2008	2026	31,219	24,975
C20 - Stairs	Stairs - Exit	75	38	2008	2083	47,265	126,040
C2021 - Stair, Tread, and Landing Finishes	Rubber Treads - Stairs	15	125	2008	2026	21,557	17,246
C3010 - Wall Finishes	Painted Finish - (1 Coat Prime - 2 Coats Finish)	10	125	2018	2028	301,950	241,560
C3020 - Floor Finishes	Carpeting - Broadloom - Medium Range	10	125	2008	2024	164,400	131,520
C3020 - Floor Finishes	Carpeting - Tile - 2018-20	10	125	2018	2028	113,964	91,172
C3020 - Floor Finishes	Ceramic Tile	25	125	2008	2033	33,550	26,840
C3020 - Floor Finishes	Vinyl Composition Tile - Quality - 2008	20	125	2008	2028	78,300	62,640
C3020 - Floor Finishes	Vinyl Composition Tile - Quality - 2018	20	125	2018	2038	92,981	74,385
C3020 - Floor Finishes	Vinyl Sheet Goods - Quality	12	125	2008	2024	69,202	55,361
C3020 - Floor Finishes	Terrazzo - Cast-in-Place	50	125	2008	2058	26,409	21,128
C3030 - Ceiling Finishes	ACT System - Quality	20	125	2008	2028	81,938	65,550
C3030 - Ceiling Finishes	GWB Taped and Finished	30	125	2008	2038	411,075	328,860
D1010 - Elevators and Lifts	Hydraulic Passenger Elevator	35	125	2008	2043	263,728	210,982
D2010 - Plumbing Fixtures	Water Coolers - Wall-Mounted	20	125	2008	2028	4,093	3,274
D2010 - Plumbing Fixtures	Restroom Fixtures	30	125	2014	2044	1,216,841	973,473
D2010 - Plumbing Fixtures	Kitchenette - Cabinet, Counter and Sink	30	125	2008	2038	216,386	173,109
D2010 - Plumbing Fixtures	Custodial/Utility Sinks	30	125	2008	2038	9,938	7,951
D2020 - Domestic Water Distribution	Water Heater - Elec - Residential - 10 Gal	10	112	2008	2023	14,575	13,013
D2020 - Domestic Water Distribution	Water Dist Complete	30	112	2008	2038	358,769	320,329

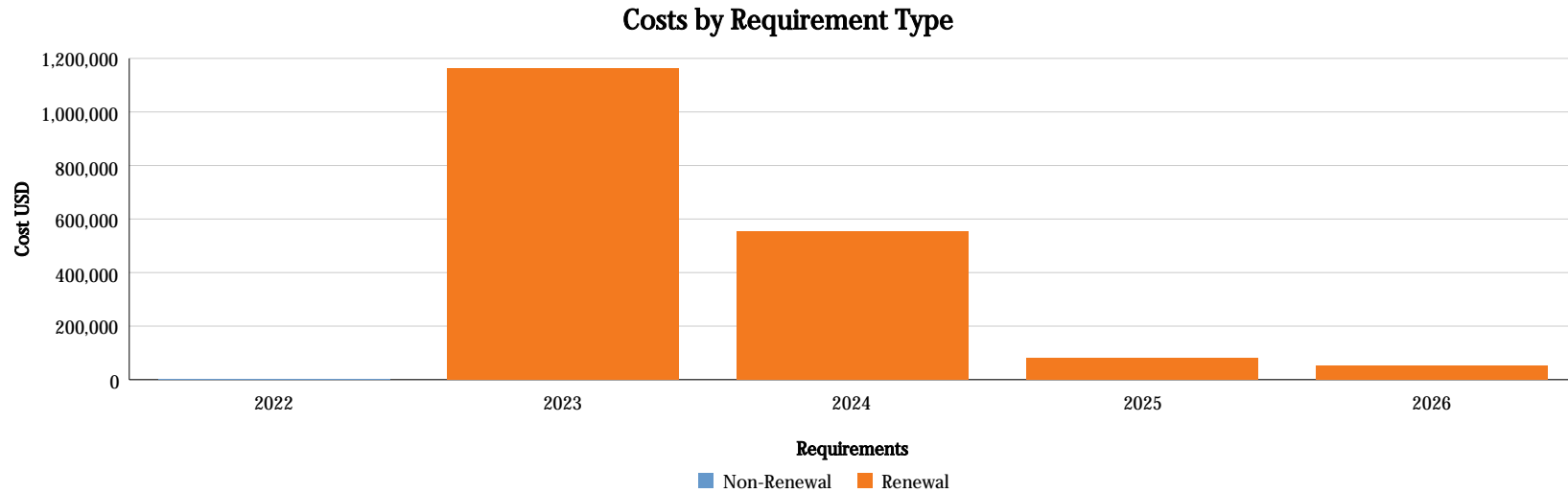
Uniformat	System Name	Lifetime (Years)	% Renew	Year Installed	Next Renewal Year	Renewal Cost	Replacement Cost
D2020 - Domestic Water Distribution	Water Heater - Elec - 52 Gal	10	112	2008	2023	252,587	225,524
D2020 - Domestic Water Distribution	Water Heater - Electric - Point of Use	10	112	2008	2023	1,022	913
D2020 - Domestic Water Distribution	Pressure Booster Pump - Duplex 7.5 HP	15	112	2008	2023	93,044	83,075
D2030 - Sanitary Waste	Sanitary Waste - Gravity Discharge	50	125	2008	2058	278,576	222,861
D2040 - Rain Water Drainage	Roof Drainage - Gravity	50	125	2008	2058	217,086	173,669
D3030 - Cooling Generating Systems	Heat Pump DX Condensing Unit - 3 1/2 Ton	15	125	2008	2023	27,109	21,687
D3030 - Cooling Generating Systems	Heat Pump DX Condensing Unit - 3 1/2 Ton - 2016	15	125	2016	2031	6,777	5,422
D3030 - Cooling Generating Systems	Heat Pump DX Condensing Unit - 3 Ton	15	125	2008	2023	18,451	14,761
D3030 - Cooling Generating Systems	Heat Pump DX Condensing Unit - 2 Ton	15	125	2008	2023	168,845	135,076
D3040 - Distribution Systems	HVAC Distribution Ductwork	25	125	2008	2033	1,186,919	949,535
D3040 - Distribution Systems	Exhaust System - Roof Fan - Medium	20	125	2008	2028	18,723	14,979
D3040 - Distribution Systems	Central AHU - Const Volume w/Distribution	25	125	2008	2033	1,760,899	1,408,719
D3050 - Terminal and Package Units	Unit Heaters - Electric	15	112	2008	2023	10,188	9,097
D3050 - Terminal and Package Units	Split DX AC - 2017	15	125	2017	2032	3,996	3,196
D3050 - Terminal and Package Units	Rooftop Unitary AC - Cooling Only - 2012 - RTU-4	15	125	2012	2027	57,884	46,307
D3050 - Terminal and Package Units	Split DX AC - 2008	15	125	2008	2023	7,127	5,701
D3050 - Terminal and Package Units	Rooftop Unitary AC - Cooling Only - 2012 - RTU-2	15	125	2012	2027	27,188	21,751
D3050 - Terminal and Package Units	Rooftop Unitary AC - Cooling Only - 2008	15	125	2012	2027	26,687	21,349
D3060 - Controls and Instrumentation	Electric Controls	20	125	2008	2028	159,447	127,558
D40 - Fire Protection	Wet Sprinkler System - Light Hazard w/Pump	35	125	2008	2043	736,927	589,542

Uniformat	System Name	Lifetime (Years)	% Renew	Year Installed	Next Renewal Year	Renewal Cost	Replacement Cost
D40 - Fire Protection	Fire Extinguishers - Dry Chemical	30	105	2021	2051	2,560	2,438
D5012 - Low Tension Service and Dist.	Distribution Equipment, Panelboards, and Feeders - 2500A 208Y/120V	30	125	2008	2038	523,850	419,080
D5020 - Lighting and Branch Wiring	Lighting - Exterior - CFL Fixtures	20	125	2008	2028	8,575	6,860
D5021 - Branch Wiring Devices	Branch Wiring - Equipment & Devices	30	125	2008	2038	285,808	228,646
D5022 - Lighting Equipment	Lighting Fixtures	20	125	2008	2028	345,231	276,185
D5032 - Intercommunication and Paging System	Emergency Alert Box System	10	125	2014	2024	8,564	6,851
D5033 - Telephone Systems	Telephone System	10	106	2008	2024	311,848	294,196
D5037 - Fire Alarm Systems	Fire Alarm System - Wiring and Conduit	30	125	2008	2038	66,524	53,219
D5037 - Fire Alarm Systems	Fire Alarm System - Devices	10	125	2008	2023	134,871	107,897
D5037 - Fire Alarm Systems	Fire Alarm Control Panel	10	125	2008	2023	69,269	55,415
D5038 - Security and Detection Systems	Security System - CCTV - Cameras	10	125	2018	2028	26,897	21,518
D5038 - Security and Detection Systems	Security System - Card Access System	10	125	2015	2025	80,831	64,665
D5039 - Local Area Networks	LAN System	15	106	2008	2023	354,887	334,799
D5092 - Emergency Light and Power Systems	Emergency Generator	20	125	2008	2028	154,100	123,280
D5092 - Emergency Light and Power Systems	Exit Signs	10	125	2008	2023	10,012	8,010
E - Equipment and Furnishings	Fixed Casework - Average	25	125	2008	2033	276,956	221,565
E - Equipment and Furnishings	Mailboxes - Average - Fixed	30	125	2008	2038	27,292	21,834
E10 - Equipment	Roof Access Ladder - Ship Ladder	50	125	2008	2058	5,881	4,705
G4021 - Fixtures and Transformers	Lighting Fixtures - Exterior - Landscape Bollard	20	125	2008	2028	3,299	2,639
Subtotal							19,103,091

Overhead:	0
Subtotal	0

Total Replacement Value Based on System Costs with Overheads	19,103,091
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Requirements including Renewals



Requirement Name	Renewal	Prime System	Category	Priority	Action Date	Estimated Cost
ADAAG - Interior Stairs - handrails - Not Compliant	No	C20 - Stairs	Accessibility	1- Due within 1 Year of Inspection	Apr 26, 2022	3,199
Carpeting - Broadloom - Medium Range Renewal	Yes	C3020 - Floor Finishes	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2024	164,400
Emergency Alert Box System Renewal	Yes	D5032 - Intercommunication and Paging System	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2024	8,564
Exit Signs Renewal	Yes	D5092 - Emergency Light and Power Systems	Lifecycle	2- Due within 2 Years of Inspection	Apr 26, 2023	10,012
Fire Alarm Control Panel Renewal	Yes	D5037 - Fire Alarm Systems	Lifecycle	2- Due within 2 Years of Inspection	Apr 26, 2023	69,269
Fire Alarm System - Devices Renewal	Yes	D5037 - Fire Alarm Systems	Lifecycle	2- Due within 2 Years of Inspection	Apr 26, 2023	134,871
Fittings - Signage (Room Numbering and Identification) Renewal	Yes	C1035 - Identifying Devices	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2026	31,219
Heat Pump DX Condensing Unit - 2 Ton Renewal	Yes	D3030 - Cooling Generating Systems	Lifecycle	2- Due within 2 Years of Inspection	Apr 26, 2023	168,845
Heat Pump DX Condensing Unit - 3 1/2 Ton Renewal	Yes	D3030 - Cooling Generating Systems	Lifecycle	2- Due within 2 Years of Inspection	Apr 26, 2023	27,109
Heat Pump DX Condensing Unit - 3 Ton Renewal	Yes	D3030 - Cooling Generating Systems	Lifecycle	2- Due within 2 Years of Inspection	Apr 26, 2023	18,451

Requirement Name	Renewal	Prime System	Category	Priority	Action Date	Estimated Cost
LAN System Renewal	Yes	D5039 - Local Area Networks	Lifecycle	2- Due within 2 Years of Inspection	Apr 26, 2023	354,887
Pressure Booster Pump - Duplex 7.5 HP Renewal	Yes	D2020 - Domestic Water Distribution	Lifecycle	2- Due within 2 Years of Inspection	Apr 26, 2023	93,044
Rubber Treads - Stairs Renewal	Yes	C2021 - Stair, Tread, and Landing Finishes	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2026	21,557
Security System - Card Access System Renewal	Yes	D5038 - Security and Detection Systems	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2025	80,831
Split DX AC - 2008 Renewal	Yes	D3050 - Terminal and Package Units	Lifecycle	2- Due within 2 Years of Inspection	Apr 26, 2023	7,127
Telephone System Renewal	Yes	D5033 - Telephone Systems	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2024	311,848
Unit Heaters - Electric Renewal	Yes	D3050 - Terminal and Package Units	Lifecycle	2- Due within 2 Years of Inspection	Apr 26, 2023	10,188
Vinyl Sheet Goods - Quality Renewal	Yes	C3020 - Floor Finishes	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2024	69,202
Water Heater - Elec - 52 Gal Renewal	Yes	D2020 - Domestic Water Distribution	Lifecycle	2- Due within 2 Years of Inspection	Apr 26, 2023	252,587
Water Heater - Elec - Residential - 10 Gal Renewal	Yes	D2020 - Domestic Water Distribution	Lifecycle	2- Due within 2 Years of Inspection	Apr 26, 2023	14,575
Water Heater - Electric - Point of Use Renewal	Yes	D2020 - Domestic Water Distribution	Lifecycle	2- Due within 2 Years of Inspection	Apr 26, 2023	1,022
Total						1,852,807



DRAFT

Asset Overview Report

By Asset Name

Region: Richard Bland College of William & Mary

Asset: Hospitality House

Campus: Buildings

Asset Number: 15

Assets are ordered by Asset Name

Currency: USD

Statistics

FCI Cost:	66,029	FCI:	0.08
RI Cost:	66,029	RI:	0.08
Total Requirement Cost:	66,029	Size:	2,343 SF
Current Replacement Value:	801,876		

Address 1
City

11301 Johnson Road
Petersburg

Address 2
State/Province/Region

-
Virginia

Photo



B10 - Multi-Story - Wood Frame

Asset Description

ARCHITECTURAL

The Hospitality House is located at 11301 Johnson Road, Petersburg, Virginia. This two story wood structure was built in 1925 and has 2,343 SF of space. The building consists of bedrooms, living room, kitchen, bathrooms, and a laundry room. Per the International Building Code (IBC 2018), the building is classified as Residential, Use Group R, and Construction Type II.

STRUCTURE

SUBSTRUCTURE

The substructure consists of a brick and cast in-place concrete foundation walls with spread footings, and a cast-in-place concrete slab-on-grade as well as a crawl space at the addition.

SUPERSTRUCTURE

The building superstructure is a wood framed building with wood framed beams and roof deck.

BUILDING EXTERIOR

EXTERIOR WALLS

The exterior walls are vinyl siding.

EXTERIOR WINDOWS

The windows consist of double hung vinyl units, with insulating glazing.

EXTERIOR DOORS

The exterior doors consist of wood units set in wood frames.

ROOFING

The roofing assembly is a sloped metal roof.

BUILDING INTERIOR

PARTITIONS

Interior walls consist primarily of painted plaster.

INTERIOR DOORS

Interior doors consist of wood in a wood frames, with knob-type hardware.

WALL FINISHES

Interior wall finishes consist primarily of painted plaster.

FLOOR FINISHES

The floor finishes are primarily wood with some carpet and ceramic tile.

CEILING FINISHES

The ceilings consist of painted plaster with some gypsum wall board at the addition.

MECHANICAL

HVAC

The HVAC system consists primarily of air handlers with AC coils supported by remote DX AC condensers. Heating is provided by gas fired boiler with a perimeter hydronic heating system utilizing the original cast iron radiators repurposed for hot water heating. Ventilation is provided by ceiling mounted restroom exhaust fans and air circulation is provided by ceiling fans.

CONTROLS

The HVAC equipment is controlled by direct thermostats.

PLUMBING

Domestic water is provided by the utility to the building via copper piping. Water is distributed through the building by copper piping to restroom fixtures and kitchen fixtures, and sanitary waste is conveyed from the building by PVC piping.

CONVEYANCE

N/A.

FIRE PROTECTION

Fire protection is provided by hand held fire extinguishers.

ELECTRICAL

MAIN ELECTRICAL SERVICE AND DISTRIBUTION

The building received power from an underground feeder to a main distribution panels and then via branch wiring to outlets and lighting throughout the building.

LIGHTING

The Lighting systems consist of surface mounted compact fluorescent and incandescent light fixtures.

EMERGENCY LIGHTING AND POWER

Emergency power is produced by a natural gas emergency generator.

FIRE ALARM SYSTEMS

N/A

COMMUNICATIONS & SECURITY

Communication equipment is provided by a wired and wireless LAN system and a wired telephone system.

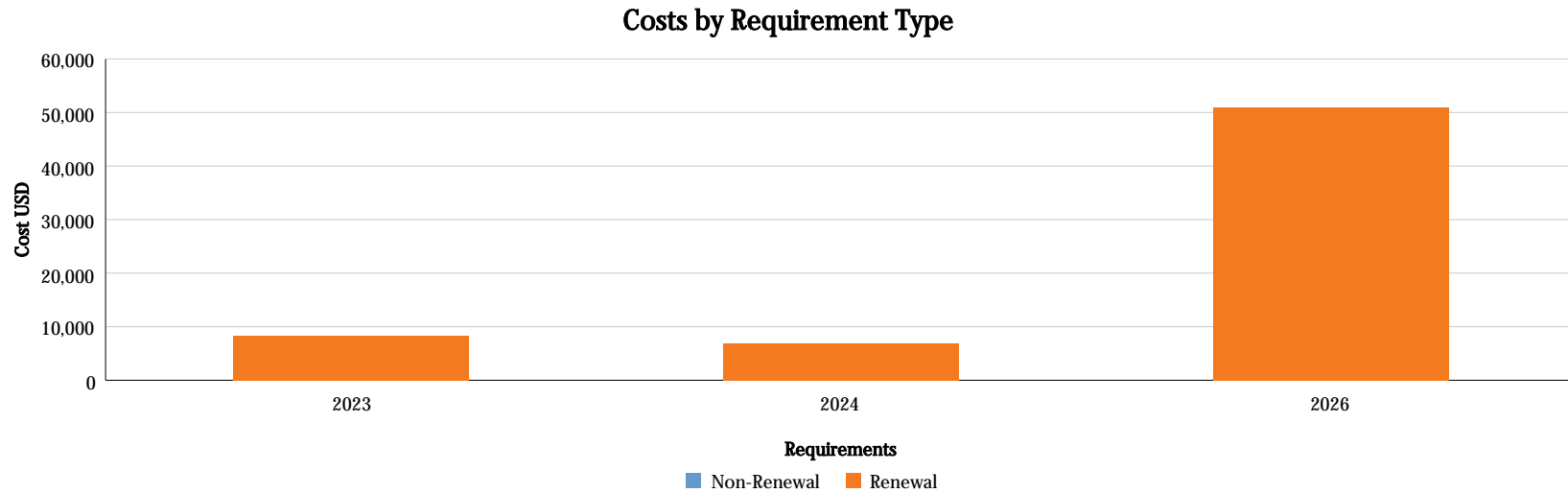
Asset Replacement Value Based on System Costs with Overheads

Uniformat	System Name	Lifetime (Years)	% Renew	Year Installed	Next Renewal Year	Renewal Cost	Replacement Cost
A - Substructure	Structural Slab on Grade - Basement Floor	75	6	1925	2031	264	4,398
A - Substructure	Foundation Wall and Footings - No Basement - Brick	75	6	1925	2031	3,484	55,744
B10 - Superstructure	Brick Chimney	50	105	1925	2031	14,284	13,604
B10 - Superstructure	Multi-Story - Wood Frame	75	6	1925	2031	5,043	84,049
B10 - Superstructure	Wood Porch - Front	25	125	1925	2031	26,459	21,167
B2010 - Exterior Walls	Vinyl Siding	40	12	2007	2047	4,269	34,155
B2011 - Exterior Wall Construction	Painted Finish - Deck/Trim	15	125	2014	2029	3,300	2,640
B2020 - Exterior Windows	Windows - Vinyl	30	125	2014	2044	3,234	2,587
B2030 - Exterior Doors	Door Assembly - 3 x 7 - Screen Door	30	125	2007	2037	1,939	1,551
B2030 - Exterior Doors	Door Assembly - 3 x 7 Wood	30	125	1925	2031	8,621	6,897
B30 - Roofing	Gutters and Downspouts - Aluminum	25	125	2014	2039	2,334	1,867
B30 - Roofing	Metal Roofing - High End	65	125	2014	2079	118,766	95,013
C1010 - Partitions	Plaster Partitions - Standard (Non-Painted)	50	62	1925	2031	38,136	61,017
C1010 - Partitions	Plaster On Furring (Non-Painted)	50	62	1925	2031	8,580	13,728
C1020 - Interior Doors	Wood Interior Doors - Residential	50	125	1925	2031	19,026	15,221
C20 - Stairs	Stairs - Wood - Residential	75	37	1925	2031	1,425	3,852
C3010 - Wall Finishes	Painted Finish	10	125	2010	2023	8,250	6,600

Uniformat	System Name	Lifetime (Years)	% Renew	Year Installed	Next Renewal Year	Renewal Cost	Replacement Cost
C3010 - Wall Finishes	Ceramic Wall Tile	25	125	2014	2039	1,500	1,200
C3020 - Floor Finishes	Ceramic Floor Tile	25	125	2014	2039	7,996	6,396
C3020 - Floor Finishes	Wood Flooring	25	125	1925	2026	48,684	38,948
C3030 - Ceiling Finishes	Painted Plaster Ceilings	30	125	1925	2031	29,829	23,863
D20 - Plumbing	Sump Pump - Submersible - 1/4 HP	12	112	2014	2026	2,268	2,025
D2010 - Plumbing Fixtures	Restroom Fixtures, Tiled Individual Shower	30	125	2014	2044	10,391	8,313
D2010 - Plumbing Fixtures	Kitchen - Cabinet, Counter and Sink	30	125	2014	2044	5,848	4,679
D2010 - Plumbing Fixtures	Restroom Fixtures	30	125	2014	2044	21,135	16,908
D2020 - Domestic Water Distribution	Water Dist Complete	30	112	2014	2044	7,207	6,435
D2020 - Domestic Water Distribution	Water Heater - Elec - Residential - 50 Gal	10	112	2014	2024	6,827	6,095
D2030 - Sanitary Waste	Sanitary Waste - Gravity Discharge	50	125	2014	2064	10,308	8,247
D3012 - Gas Supply System	Natural Gas Service to Bldg - 1" Feed	40	125	2014	2054	3,114	2,491
D3020 - Heat Generating Systems	Boiler HW - Gas-Fired	30	125	2014	2044	41,342	33,074
D3030 - Cooling Generating Systems	DX Condensing Unit - 2 Ton - 2014	15	125	2014	2029	8,226	6,581
D3040 - Distribution Systems	Ventilation System - Ceiling Fans	15	125	2014	2029	5,485	4,388
D3040 - Distribution Systems	Central AHU - Const Volume w/Distribution	25	125	2014	2039	90,303	72,242
D3040 - Distribution Systems	Exhaust System - Restroom Ceiling Fan	20	125	2014	2034	773	619
D3040 - Distribution Systems	HVAC Distribution Ductwork	25	125	2014	2039	24,825	19,860
D3040 - Distribution Systems	Perimeter Heat System - Hydronic Radiators	18	112	1925	2027	29,331	26,188
D3060 - Controls and Instrumentation	Electric Controls	20	125	2016	2036	5,900	4,720
D40 - Fire Protection	Fire Extinguishers - Dry Chemical	30	105	2021	2051	171	163
D5012 - Low Tension Service and Dist.	Main Electrical Service - 100A 208Y/120V + Distribution	30	125	2014	2044	29,435	23,548

Uniformat	System Name	Lifetime (Years)	% Renew	Year Installed	Next Renewal Year	Renewal Cost	Replacement Cost
D5020 - Lighting and Branch Wiring	Lighting - Exterior - Incandescent and CFL Fixtures	20	125	2008	2028	2,450	1,960
D5021 - Branch Wiring Devices	Branch Wiring - Equipment & Devices	30	125	2014	2044	10,576	8,461
D5022 - Lighting Equipment	Lighting Fixtures	20	125	2014	2034	9,130	7,304
D5033 - Telephone Systems	Telephone System	10	106	2017	2027	7,693	7,257
D5039 - Local Area Networks	LAN System	15	106	2017	2032	13,132	12,389
D5092 - Emergency Light and Power Systems	Emergency Generator	20	125	2019	2039	26,217	20,973
E10 - Equipment	Folding Attic Access Steps	50	105	2007	2057	2,583	2,460
Subtotal							801,876
Overhead:							0
Subtotal							0
Total Replacement Value Based on System Costs with Overheads							801,876

Requirements including Renewals



Requirement Name	Renewal	Prime System	Category	Priority	Action Date	Estimated Cost
Painted Finish Renewal	Yes	C3010 - Wall Finishes	Lifecycle	2- Due within 2 Years of Inspection	Apr 26, 2023	8,250
Sump Pump - Submersible - 1/4 HP Renewal	Yes	D20 - Plumbing	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2026	2,268
Water Heater - Elec - Residential - 50 Gal Renewal	Yes	D2020 - Domestic Water Distribution	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2024	6,827
Wood Flooring Renewal	Yes	C3020 - Floor Finishes	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2026	48,684
Total						66,029



DRAFT

Asset Overview Report

By Asset Name

Region: Richard Bland College of William & Mary
Campus: Buildings
Asset: Humanities and Social Sciences Building
Asset Number: 7

Assets are ordered by Asset Name Currency: USD

Statistics

FCI Cost:	755,928	FCI:	0.09
RI Cost:	755,928	RI:	0.09
Total Requirement Cost:	755,930	Size:	24,060 SF
Current Replacement Value:	8,328,452		

Address 1	11301 Johnson Road	Address 2	-
City	Petersburg	State/Province/Region	Virginia

Photo



B10 - Single-Story - Concrete - Cast-in-Place

Asset Description

ARCHITECTURAL

The Humanities and Social Sciences Building is located at 11301 Johnson Road, Petersburg, Virginia. This single story structure was built in 1935 and has 24,060 SF of space. In 2017, the interior had a considerable renovation. The building consists of dormitories with restrooms. Per the International Building Code (IBC 2018), the building is classified as Residential Group R, Use Group R-2, and Construction Type I.

STRUCTURE

SUBSTRUCTURE

The substructure consists of cast-in place concrete foundation walls with spread footings, and a cast-in-place concrete slab-on-grade.

SUPERSTRUCTURE

The building superstructure is of cast in-place concrete columns, beams, and floor.

BUILDING EXTERIOR

EXTERIOR WALLS

The exterior walls consist primarily of brick veneer with wood trim.

EXTERIOR WINDOWS

The windows consist of fixed aluminum units, with insulating glazing.

EXTERIOR DOORS

The exterior doors consist of wood service units set in wood frames and and metal doors in metal frames at the basement level.

ROOFING

The roofing assemblies are sloped with stone slate and a standing metal roof at rear entries to basement.

BUILDING INTERIOR

PARTITIONS

Interior walls consist primarily of painted gypsum walls board or CMU block walls.

INTERIOR DOORS

Interior doors consist primarily of wood units set in metal frames, with lever-type hardware. Additional interior doors consist of metal units set in metal frames and lever-type hardware.

WALL FINISHES

Interior wall finishes consist primarily of painted gypsum board.

FLOOR FINISHES

The floor finishes are primarily of vinyl composition tile and ceramic tile at the restrooms.

CEILING FINISHES

The ceilings consist primarily of acoustical tile in a suspension grid system and painted gypsum.

MECHANICAL

HVAC

The HVAC system consists primarily of water source heat pumps supported by a cooling tower and gas fired hot water boilers. Each of the dormitory rooms are equipped with a dedicated heat pump for individual climate control. Supplemental heating is provided by electric and hot water unit heaters. Ventilation is provided by ceiling mounted restroom exhaust fans.

CONTROLS

The HVAC equipment is controlled by a direct electronic thermostatic controllers to each heat pump.

PLUMBING

Domestic water is provided by the utility to the building via copper piping. Water is distributed through the building by copper piping to restroom fixtures, custodial fixtures, water coolers and kitchenette. Sanitary waste is conveyed from the building by cast iron piping.

CONVEYANCE

N/A

FIRE PROTECTION

Fire protection is provided by a wet pipe sprinkler system for occupied spaces and a dry pipe system for attic spaces and other areas that might be subject to freezing. Additionally, the building is protected by hand held fire extinguishers.

ELECTRICAL

MAIN ELECTRICAL SERVICE AND DISTRIBUTION

The building received power from an underground feeder to a 1200 Amp main distribution panels and then via branch wiring to outlets and lighting throughout the building.

LIGHTING

The Lighting systems consist of surface and flush mounted T-8 and compact fluorescent and incandescent light fixtures. Exterior light fixtures are a combination of LED, metal halide and CFL fixtures.

EMERGENCY LIGHTING AND POWER

The building is equipped with illuminated exit signs and emergency egress wall pack fixtures with battery back up.

FIRE ALARM SYSTEMS

The building is equipped with a fire alarm panel with remote devices throughout the building.

COMMUNICATIONS & SECURITY

Communication equipment is provided by a wired and wireless LAN system and VOIP telephone system.

Asset Replacement Value Based on System Costs with Overheads

Uniformat	System Name	Lifetime (Years)	% Renew	Year Installed	Next Renewal Year	Renewal Cost	Replacement Cost
A - Substructure	Foundation Wall and Footings - No Basement	75	6	1935	2031	10,777	179,611
A - Substructure	Foundation Wall and Footings 8-Ft - Partial Basement	75	6	1935	2031	8,846	141,531
A - Substructure	Structural Slab on Grade - Non-Industrial - 4-In.	75	6	1935	2031	16,534	264,540
B10 - Superstructure	Single-Story - Concrete - Cast-in-Place	75	6	1935	2031	47,661	762,582
B10 - Superstructure	Single-Story - Wood Framed Roof on Bearing Walls	75	6	1935	2031	10,263	164,210
B10 - Superstructure	Brick Chimney	50	12	1935	2031	1,701	13,604
B1014 - Ramps	Exterior Accessible Ramp - Concrete	50	12	2010	2060	5,128	41,025
B1015 - Exterior Stairs and Fire Escapes	Exterior Stairs - Concrete - 1991	50	125	1991	2041	27,480	21,984
B1015 - Exterior Stairs and Fire Escapes	Exterior Stairs - Concrete - 2017	50	125	2010	2060	6,870	5,496
B2010 - Exterior Walls	Wood Trim/Siding - Wood Stud Backup	50	12	1935	2031	16,577	132,615
B2010 - Exterior Walls	Brick Cavity Walls - CMU Backup	75	12	1935	2031	78,898	631,182
B2011 - Exterior Wall Construction	Painted Finish - Exterior Trim/Soffits	10	125	2017	2027	24,975	19,980
B2020 - Exterior Windows	Aluminum Windows	30	125	1991	2026	337,868	270,294

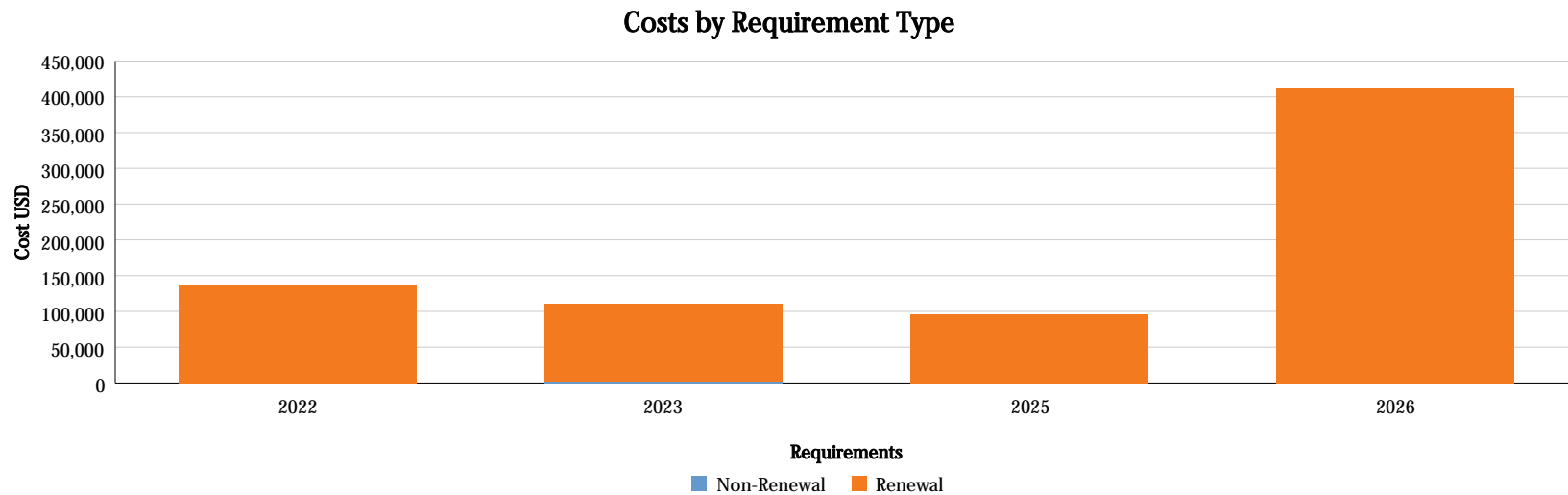
Uniformat	System Name	Lifetime (Years)	% Renew	Year Installed	Next Renewal Year	Renewal Cost	Replacement Cost
B2030 - Exterior Doors	Door Assembly - 3 x 7 HM	30	125	2017	2047	15,585	12,468
B2030 - Exterior Doors	Door Assembly - 3 x 7 Wood - 1991	30	125	1991	2031	120,698	96,558
B2030 - Exterior Doors	Door Assembly - 3 x 7 Wood - 1935	30	125	1935	2031	21,553	17,242
B2030 - Exterior Doors	Door Assembly - 3 x 7 Wood - 2017	30	125	2017	2047	8,621	6,897
B30 - Roofing	Metal Roofing - Copper	65	125	1935	2026	15,491	12,393
B30 - Roofing	Slate Tile Roofing	75	125	2010	2085	446,546	357,237
C1010 - Partitions	GWB Partitions - Standard (Non-Painted)	50	62	2017	2067	401,775	642,840
C1010 - Partitions	CMU Partitions - Glazed - 1 Face	50	62	1935	2031	29,574	47,700
C1010 - Partitions	Windows/Storefront Partitions	50	62	2017	2067	22,462	36,229
C1010 - Partitions	GWB Partitions On Furring (Non-Painted)	50	62	2017	2067	58,444	93,510
C1010 - Partitions	CMU Block Walls - Plain	50	62	2017	2067	44,149	71,208
C1020 - Interior Doors	Swinging Doors - 3 x 7 Wd - NR - 1935	50	125	1935	2031	20,933	16,746
C1020 - Interior Doors	Swinging Doors - 3 x 7 Wd - NR - 2017	50	125	2017	2067	221,888	177,510
C1030 - Fittings	Restroom Accessories	25	125	2017	2042	56,154	44,923
C1030 - Fittings	Toilet Partitions	40	125	2017	2057	46,856	37,485
C1035 - Identifying Devices	Fittings - Signage (Room Numbering and Identification)	10	125	2017	2027	11,863	9,490
C20 - Stairs	Stairs - Wood Framed - Exit	75	38	1935	2031	2,551	6,803
C3010 - Wall Finishes	Ceramic Wall Tile	25	125	2017	2042	48,785	39,028
C3010 - Wall Finishes	Painted Finish - (1 Coat Prime - 2 Coats Finish)	10	125	2017	2027	82,500	66,000
C3020 - Floor Finishes	Quarry Floor Tile - Average	25	125	1935	2026	58,942	47,154
C3020 - Floor Finishes	Vinyl Accoustical Tile - 1935	20	125	1935	2022	78,300	62,640
C3020 - Floor Finishes	Carpeting - Tile	10	125	2017	2027	1,799	1,440

Uniformat	System Name	Lifetime (Years)	% Renew	Year Installed	Next Renewal Year	Renewal Cost	Replacement Cost
C3020 - Floor Finishes	Resilient Flooring - Wood Pattern	15	125	2017	2032	6,572	5,258
C3020 - Floor Finishes	Ceramic Tile	25	125	2017	2042	67,100	53,680
C3020 - Floor Finishes	Vinyl Composition Tile - Quality	20	125	2017	2037	78,300	62,640
C3030 - Ceiling Finishes	GWB Taped and Finished	30	125	2017	2047	152,250	121,800
C3030 - Ceiling Finishes	ACT System - Quality	20	125	2017	2037	43,125	34,500
D2010 - Plumbing Fixtures	Restroom Fixtures, Tiled Individual Shower	30	125	2018	2048	155,864	124,691
D2010 - Plumbing Fixtures	Water Coolers - Wall-Mounted	20	125	2008	2028	12,278	9,822
D2010 - Plumbing Fixtures	Restroom Fixtures	30	125	2018	2048	143,634	114,907
D2010 - Plumbing Fixtures	Kitchenette - Cabinet, Counter and Sink	30	125	2018	2048	5,848	4,679
D2010 - Plumbing Fixtures	Custodial/Utility Sinks - Floor Sink	30	125	2018	2048	17,272	13,818
D2020 - Domestic Water Distribution	Water Distribution Complete	30	112	2017	2047	136,325	121,719
D2020 - Domestic Water Distribution	Water Heater - Gas - 120 Gal	10	112	2017	2027	28,674	25,602
D2020 - Domestic Water Distribution	Water Heater - Gas - 80 Gal	10	112	2017	2027	10,177	9,086
D2030 - Sanitary Waste	Sanitary Waste - Gravity Discharge	50	125	2008	2058	105,854	84,683
D3012 - Gas Supply System	Natural Gas Service to Bldg - 1" Feed	40	125	2008	2048	3,114	2,491
D3020 - Heat Generating Systems	Boiler HW - Gas-Fired	30	125	2009	2039	168,618	134,895
D3030 - Cooling Generating Systems	Cooling Tower - Stainless Steel - 60 Ton	20	125	2005	2025	96,418	77,134
D3040 - Distribution Systems	Heat Exchanger - Steam/HW - Shell and Tube	20	125	2017	2037	85,864	68,691
D3040 - Distribution Systems	Exhaust System - Restroom Ceiling Fan	20	125	2018	2038	2,320	1,856
D3040 - Distribution Systems	Energy Recovery Unit	25	125	2018	2043	131,404	105,123
D3050 - Terminal and Package Units	Unit Heaters - Hot Water - 1970	25	112	1970	2022	58,035	51,817
D3050 - Terminal and Package Units	Heat Pump - Water Source - Building Common Areas and End Rooms	18	125	2018	2036	280,481	224,385

Uniformat	System Name	Lifetime (Years)	% Renew	Year Installed	Next Renewal Year	Renewal Cost	Replacement Cost
D3050 - Terminal and Package Units	Unit Heaters - Hot Water - 2009	25	112	2009	2034	9,672	8,636
D3050 - Terminal and Package Units	Unit Heaters - Electric	15	112	2018	2033	9,360	8,358
D3050 - Terminal and Package Units	Heat Pump - Water Source - Dorm Rooms	18	125	2018	2036	389,668	311,734
D3050 - Terminal and Package Units	Window AC Units	10	105	2017	2027	6,859	6,532
D3060 - Controls and Instrumentation	Electric Controls	20	125	2018	2038	60,587	48,470
D40 - Fire Protection	Wet Sprinkler System - Light Hazard wo/Pump	35	125	2017	2052	250,402	200,322
D40 - Fire Protection	Fire Extinguishers - Dry Chemical	30	105	2021	2051	683	650
D40 - Fire Protection	Dry Sprinkler System	35	125	2017	2052	478,969	383,175
D5012 - Low Tension Service and Dist.	Distribution Equipment, Panelboards, and Feeders - 1200A 480Y/277V & 208Y/120V - 1993	30	125	2018	2048	135,248	108,199
D5012 - Low Tension Service and Dist.	Distribution Equipment, Panelboards, and Feeders - 1200A 480Y/277V & 208Y/120V - 2018	30	125	2018	2048	272,173	217,738
D5020 - Lighting and Branch Wiring	Lighting - Exterior - Incandescent Fixtures	20	125	2017	2037	1,225	980
D5020 - Lighting and Branch Wiring	Lighting - Exterior - CFL Fixtures	20	125	2017	2037	564,557	451,645
D5020 - Lighting and Branch Wiring	Lighting - Exterior - LED Wall Packs	20	125	2017	2037	7,987	6,390
D5021 - Branch Wiring Devices	Branch Wiring - Equipment & Devices	30	125	1993	2023	108,602	86,881
D5022 - Lighting Equipment	Lighting Fixtures	20	125	2013	2033	179,691	143,753
D5037 - Fire Alarm Systems	Fire Alarm System - Wiring and Conduit	30	125	2018	2048	25,278	20,222
D5037 - Fire Alarm Systems	Fire Alarm System - Devices	10	125	2018	2028	51,248	40,999
D5037 - Fire Alarm Systems	Fire Alarm Control Panel	10	125	2018	2028	69,269	55,415
D5038 - Security and Detection Systems	Security System - Card Access System	10	125	2017	2027	30,714	24,571
D5038 - Security and Detection Systems	Security System - CCTV - Cameras	10	125	2018	2028	27,032	21,626

Uniformat	System Name	Lifetime (Years)	% Renew	Year Installed	Next Renewal Year	Renewal Cost	Replacement Cost
D5039 - Local Area Networks	LAN System	15	106	2015	2030	134,850	127,217
D5091 - Grounding Systems	Lightning Protection System	30	125	2017	2047	1,275	1,020
D5092 - Emergency Light and Power Systems	Exit Signs	10	125	2018	2028	14,017	11,214
D5092 - Emergency Light and Power Systems	Emergency Battery Pack Lights	10	125	2017	2027	2,280	1,824
E - Equipment and Furnishings	Fixed Casework	25	125	2017	2042	44,313	35,450
Subtotal							8,328,452
Overhead:							0
Subtotal							0
Total Replacement Value Based on System Costs with Overheads							8,328,452

Requirements including Renewals



Requirement Name	Renewal	Prime System	Category	Priority	Action Date	Estimated Cost
Aluminum Windows Renewal	Yes	B2020 - Exterior Windows	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2026	337,868
Branch Wiring - Equipment & Devices Renewal	Yes	D5021 - Branch Wiring Devices	Lifecycle	2- Due within 2 Years of Inspection	Apr 26, 2023	108,602
Cooling Tower - Stainless Steel - 60 Ton Renewal	Yes	D3030 - Cooling Generating Systems	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2025	96,418
Exterior Walls - Damaged Mortar Joints - Isolated	No	B2010 - Exterior Walls	Reliability	2- Due within 2 Years of Inspection	Apr 26, 2023	1,343
Exterior Walls/Windows - Deteriorated Caulk and Control Joints	No	B2020 - Exterior Windows	Reliability	2- Due within 2 Years of Inspection	Apr 26, 2023	930
Metal Roofing - Copper Renewal	Yes	B30 - Roofing	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2026	15,491
Quarry Floor Tile - Average Renewal	Yes	C3020 - Floor Finishes	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2026	58,943
Unit Heaters - Hot Water - 1970 Renewal	Yes	D3050 - Terminal and Package Units	Lifecycle	1- Due within 1 Year of Inspection	Apr 26, 2022	58,035

Requirement Name	Renewal	Prime System	Category	Priority	Action Date	Estimated Cost
Vinyl Accoustical Tile - 1935 Renewal	Yes	C3020 - Floor Finishes	Lifecycle	1- Due within 1 Year of Inspection	Apr 26, 2022	78,300
Total						755,930



DRAFT

Asset Overview Report

By Asset Name

Region: Richard Bland College of William & Mary
Campus: Buildings
Asset: James B. McNeer Hall - Science & Technology
Asset Number: 4

Assets are ordered by Asset Name Currency: USD

Statistics

FCI Cost:	739,789	FCI:	0.04
RI Cost:	739,789	RI:	0.04
Total Requirement Cost:	739,789	Size:	53,550 SF
Current Replacement Value:	20,922,871		

Address 1	11301 Johnson Road	Address 2	-
City	Petersburg	State/Province/Region	Virginia

Photo



B10 - Multi-Story - Steel

Asset Description

ARCHITECTURAL

The James B. McNeer Hall is located at 11301 Johnson Road, Petersburg, Virginia. This 3-story structure was built in 2010 and has 53,550 SF of space. The building consists of labs with offices and classrooms. Per the International Building Code (IBC 2018), the building is classified as Educational Group E, Use Group E, and Construction Type I.

STRUCTURE

SUBSTRUCTURE

The substructure consists of cast-in place concrete foundation walls with spread footings, and a cast-in-place concrete slab-on-grade.

SUPERSTRUCTURE

The building superstructure is of structural steel columns, beams, floor, and roof decks.

BUILDING EXTERIOR

EXTERIOR WALLS

The exterior walls consist primarily of brick veneer and metal panel.

EXTERIOR WINDOWS

The windows consist of fixed aluminum units, with insulating glazing, as well as glazed curtain wall system

EXTERIOR DOORS

The exterior doors consist of metal service units set in metal frames and storefront style units set in aluminum frames.

ROOFING

The roofing assemblies are flat and consists of a single-ply membrane roofing system or a built-up roofing system.

BUILDING INTERIOR

PARTITIONS

Interior walls consist primarily of painted gypsum walls board, CMU block walls, and aluminum store front systems.

INTERIOR DOORS

Interior doors consist primarily of wood units set in metal frames, with lever-type hardware.

WALL FINISHES

Interior wall finishes consist primarily of painted gypsum board.

FLOOR FINISHES

The floor finishes are primarily vinyl composition tile and carpet tile. Restrooms have ceramic tile. The main corridor on each floor have terrazzo flooring.

CEILING FINISHES

The ceilings consist primarily of painted gypsum and acoustical tile in a suspension grid system. At the corridors, there is a metal panel ceiling system and a stained wood ceiling at the center stairs.

MECHANICAL

HVAC

The HVAC system consists primarily of three roof mounted air handlers with steam humidification supported by a pad mounted air cooled chiller and four gas fired condensing boilers. Conditioned air is distributed throughout the building via metal ductwork and VAV terminal devices. Ventilation is provided by roof mounted exhaust fans and two dedicated high velocity axial exhaust fans that serve the fume hoods in the lab classrooms. Supplemental cooling is provided by a split DX AC unit.

CONTROLS

The HVAC equipment is controlled by a direct digital control system (DDC).

PLUMBING

Domestic water is provided by the utility to the building via copper piping. Water is distributed through the building by copper piping to restroom, custodial and kitchen fixtures, and sanitary waste is conveyed from the building by PVC piping. The labs are equipped with chemical resistant lab sinks. They are also equipped with emergency showers and eye wash stations. Water coolers are located throughout the building.

CONVEYANCE

The building is equipped with a passenger hydraulic elevator with a capacity of 3,500 lbs. That serves 3 floors.

FIRE PROTECTION

Fire protection is provided by a wet pipe fire sprinkler system and hand held fire extinguishers.

ELECTRICAL

MAIN ELECTRICAL SERVICE AND DISTRIBUTION

The building received power from an underground feeder to a 1200 Amp main distribution panels and then via branch wiring to outlets and lighting throughout the building.

LIGHTING

The Lighting systems consist of flush and recessed mounted T-5 compact fluorescent and incandescent light fixtures.

EMERGENCY LIGHTING AND POWER

Emergency power is produced by a natural gas emergency generator.

FIRE ALARM SYSTEMS

The building includes a fully addressable fire alarm system with remote devices.

COMMUNICATIONS & SECURITY

Communication equipment is provided by a wired and wireless LAN system and VOIP telephone system.

Security systems include remotely monitored CCTV cameras.

Asset Replacement Value Based on System Costs with Overheads

Uniformat	System Name	Lifetime (Years)	% Renew	Year Installed	Next Renewal Year	Renewal Cost	Replacement Cost
A - Substructure	Foundation Wall and Footings - No Basement	75	6	2010	2085	8,038	133,964
A - Substructure	Foundation Wall and Footings - No Basement - Mechanical Yard	75	6	2010	2085	2,084	34,731
A - Substructure	Structural Slab on Grade - Non-Industrial - 4-In. - Mechanical Yard	75	6	2010	2085	1,237	19,791
A - Substructure	Structural Slab on Grade - Non-Industrial - 4-In.	75	6	2010	2085	16,064	257,030
B10 - Superstructure	Multi-Story - Steel	75	6	2010	2085	169,420	2,710,728
B2010 - Exterior Walls	Brick Cavity Walls - CMU Backup - Mechanical Yard	75	12	2010	2085	11,701	93,608
B2010 - Exterior Walls	Metal Paneled Walls - High Quality - Metal Stud Backup	60	12	2010	2070	25,610	204,876
B2010 - Exterior Walls	Metal Paneled - Soffit	60	125	2010	2070	226,446	181,156
B2010 - Exterior Walls	Brick Veneer Walls - Metal Stud Backup	75	12	2010	2085	65,061	542,178
B2013 - Exterior Louvers, Screens, and Fencing	Equipment Screen Walls - Metal Panels - Rooftop	50	12	2010	2060	14,245	113,961

Uniformat	System Name	Lifetime (Years)	% Renew	Year Installed	Next Renewal Year	Renewal Cost	Replacement Cost
B2013 - Exterior Louvers, Screens, and Fencing	Metal Wall Louvers	50	125	2010	2060	40,894	32,715
B2020 - Exterior Windows	Aluminum Windows	30	125	2010	2040	337,868	270,294
B2020 - Exterior Windows	Curtain Wall System - High Quality	50	125	2010	2060	2,339,550	1,871,640
B2030 - Exterior Doors	Door Assembly - 3 x 7 HM	30	125	2010	2040	10,390	8,312
B2030 - Exterior Doors	Door Assembly - 6 x 7 Storefront	30	125	2010	2040	55,151	44,121
B2030 - Exterior Doors	Door Assembly - 3 x 7 Storefront	30	125	2010	2040	25,402	20,321
B2030 - Exterior Doors	Door Assembly - 6 x 7 HM	30	125	2010	2040	20,085	16,068
B30 - Roofing	Single-Ply Membrane - Fully Adhered	25	125	2010	2035	232,249	185,799
B30 - Roofing	Built-Up Roof (BUR) - Unballasted	20	125	2010	2030	169,535	135,628
B3021 - Glazed Roof Openings	Skylights - Monumental	30	125	2010	2040	150,731	120,585
C1010 - Partitions	GWB Partitions - Standard (Non-Painted)	50	62	2010	2060	785,288	1,256,460
C1010 - Partitions	Windows/Storefront Partitions	50	62	2010	2060	329,445	531,363
C1010 - Partitions	CMU Block Walls - Plain	50	62	2010	2060	1,018,185	1,642,234
C1010 - Partitions	GWB Partitions On Furring (Non-Painted)	50	62	2010	2060	28,735	45,976
C1020 - Interior Doors	Swinging Doors - 3 x 7 Wd - NR	50	125	2010	2060	502,388	401,910
C1030 - Fittings	Restroom Accessories	25	125	2010	2035	84,231	67,385
C1030 - Fittings	Toilet Partitions	40	125	2010	2050	46,856	37,485
C1035 - Identifying Devices	Fittings - Signage (Room Numbering and Identification)	10	125	2010	2026	26,402	21,122
C20 - Stairs	Stairs - Monumental	75	38	2010	2085	45,890	122,372
C20 - Stairs	Stairs - Exit	75	38	2010	2085	31,510	84,026
C2014 - Stair Handrails and Balustrades	Interior Metal/Glass Railings	75	125	2010	2085	15,938	12,751
C2021 - Stair, Tread, and Landing Finishes	Rubber Treads - Stairs	15	125	2010	2025	9,496	7,596

Uniformat	System Name	Lifetime (Years)	% Renew	Year Installed	Next Renewal Year	Renewal Cost	Replacement Cost
C3010 - Wall Finishes	Wall Covering - Veneer Wood Paneling	30	125	2010	2040	240,542	192,434
C3010 - Wall Finishes	Painted Finish - (1 Coat Prime - 2 Coats Finish)	10	125	2018	2028	181,500	145,200
C3010 - Wall Finishes	Wall Covering - Stainless Steel	50	125	2010	2060	309,600	247,680
C3010 - Wall Finishes	Acoustic Wall Panels - Fiberglass - Fabric Faced - Mecahnical Yard	15	125	2020	2035	31,927	25,541
C3010 - Wall Finishes	Ceramic Wall Tile	25	125	2010	2035	58,542	46,834
C3020 - Floor Finishes	Vinyl Composition Tile - Quality	20	125	2010	2030	195,750	156,600
C3020 - Floor Finishes	Carpeting - Tile	10	125	2010	2024	32,390	25,912
C3020 - Floor Finishes	Ceramic Tile	25	125	2010	2035	72,691	58,153
C3020 - Floor Finishes	Terrazzo - Cast-in-Place	50	125	2010	2060	259,692	207,754
C3030 - Ceiling Finishes	ACT System - Quality	20	125	2010	2030	332,925	266,340
C3030 - Ceiling Finishes	Wood Ceilings - Stained	30	125	2010	2040	47,970	38,376
C3030 - Ceiling Finishes	ACT System - Metal Panels	30	125	2010	2040	91,993	73,594
C3030 - Ceiling Finishes	GWB Taped and Finished	30	125	2010	2040	49,481	39,585
D1010 - Elevators and Lifts	Hydraulic Passenger Elevator	35	125	2010	2045	148,823	119,059
D2010 - Plumbing Fixtures	Laboratory Sinks	30	125	2010	2040	746,530	597,224
D2010 - Plumbing Fixtures	Water Coolers - Wall-Mounted	20	125	2010	2030	47,774	38,219
D2010 - Plumbing Fixtures	Restroom Fixtures	30	125	2010	2040	169,604	135,683
D2010 - Plumbing Fixtures	Custodial/Utility Sinks	30	125	2010	2040	7,454	5,963
D2010 - Plumbing Fixtures	Emergency Eyewash	30	125	2010	2040	10,907	8,726
D2010 - Plumbing Fixtures	Kitchenette - Cabinet, Counter and Sink	30	125	2010	2040	5,848	4,679
D2010 - Plumbing Fixtures	Emergency Eyewash and Shower Units	30	125	2010	2040	103,633	82,906
D2020 - Domestic Water Distribution	Water Heater - Gas - Commercial	15	112	2010	2025	127,344	113,700

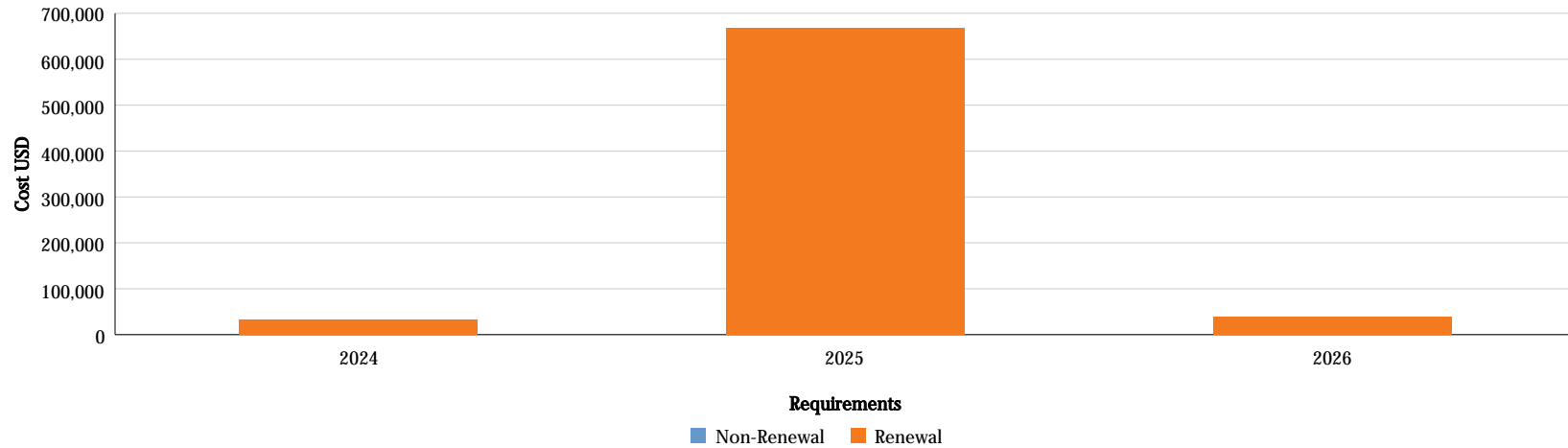
Uniformat	System Name	Lifetime (Years)	% Renew	Year Installed	Next Renewal Year	Renewal Cost	Replacement Cost
D2020 - Domestic Water Distribution	Water Distribution Complete	30	112	2010	2040	164,728	147,079
D2030 - Sanitary Waste	Sanitary Waste - Gravity Discharge	50	125	2010	2060	235,597	188,478
D2040 - Rain Water Drainage	Roof Drainage - Secondary Drain - Add	50	125	2010	2060	110,156	88,125
D2040 - Rain Water Drainage	Roof Drainage - Gravity	50	125	2010	2060	183,594	146,875
D2090 - Other Plumbing Systems	Shop Air Compressor	20	105	2010	2030	10,277	9,787
D2090 - Other Plumbing Systems	Lab Air Compressor	20	105	2010	2030	23,768	22,636
D3012 - Gas Supply System	Natural Gas Service to Bldg - 2" Feed	40	125	2010	2050	4,469	3,575
D3020 - Heat Generating Systems	Boiler HW - Gas-Fired	30	125	2010	2040	477,874	382,299
D3030 - Cooling Generating Systems	Chiller - Reciprocating - Air-Cooled	20	125	2010	2030	327,272	261,817
D3040 - Distribution Systems	Central AHU - Const Volume w/Distribution - AHU 1	25	125	2010	2035	112,043	89,634
D3040 - Distribution Systems	Central AHU - Const Volume w/Distribution - AHU 3	25	125	2010	2035	104,226	83,380
D3040 - Distribution Systems	Exhaust System - Axial Exhaust Fans	15	125	2010	2025	39,135	31,308
D3040 - Distribution Systems	Central AHU - Const Volume w/Distribution - AHU 2	25	125	2010	2035	104,226	83,380
D3040 - Distribution Systems	Distribution Ductwork with VAV System	25	125	2010	2035	1,939,864	1,551,891
D3040 - Distribution Systems	Fan Coil System - Cabinet - 2 Pipe	30	125	2010	2040	92,727	74,182
D3040 - Distribution Systems	Exhaust System - Fume Hood - Ductwork/Fan	25	125	2010	2035	811,482	649,186
D3040 - Distribution Systems	Exhaust System - Roof Fan	20	125	2010	2030	6,241	4,993
D3050 - Terminal and Package Units	Unit Heaters - Hot Water	25	112	2010	2035	19,345	17,272
D3050 - Terminal and Package Units	Split DX AC	15	125	2010	2025	8,710	6,968
D3060 - Controls and Instrumentation	DDC System	20	125	2010	2030	276,478	221,182

Uniformat	System Name	Lifetime (Years)	% Renew	Year Installed	Next Renewal Year	Renewal Cost	Replacement Cost
D40 - Fire Protection	Wet Sprinkler System - Ordinary Hazard wo/Pump	35	125	2010	2045	738,279	590,624
D40 - Fire Protection	Fire Extinguishers - Dry Chemical	30	105	2010	2040	4,778	4,551
D5012 - Low Tension Service and Dist.	Distribution Equipment, Panelboards, and Feeders - 1200A 480Y/277V & 208Y/120V	30	125	2010	2040	381,204	304,963
D5020 - Lighting and Branch Wiring	Lighting - Exterior - HID Wall Packs	20	125	2010	2030	7,602	6,081
D5020 - Lighting and Branch Wiring	Lighting - Exterior - CFL Wall Packs	20	125	2010	2030	14,087	11,270
D5020 - Lighting and Branch Wiring	Lighting - Exterior - LED Up-Lights	20	125	2010	2030	17,901	14,321
D5021 - Branch Wiring Devices	Branch Wiring - Equipment & Devices	30	125	2010	2040	241,713	193,370
D5022 - Lighting Equipment	Lighting Fixtures	20	125	2010	2030	476,346	381,077
D5032 - Intercommunication and Paging System	Emergency Alert Box System	10	125	2010	2026	12,846	10,277
D5037 - Fire Alarm Systems	Fire Alarm Control Panel	10	125	2010	2025	69,269	55,415
D5037 - Fire Alarm Systems	Fire Alarm System - Devices	10	125	2010	2025	114,063	91,250
D5037 - Fire Alarm Systems	Fire Alarm System - Wiring and Conduit	30	125	2010	2040	56,261	45,008
D5038 - Security and Detection Systems	Security System - CCTV - Cameras	10	125	2018	2028	15,447	12,358
D5039 - Local Area Networks	LAN System	15	106	2010	2025	300,134	283,146
D5091 - Grounding Systems	Lightning Protection System	30	125	2010	2040	68,261	54,609
D5092 - Emergency Light and Power Systems	Emergency Generator	20	125	2010	2030	125,297	100,238
E - Equipment and Furnishings	Fixed Casework - Lab	25	125	2010	2035	1,035,816	828,653
E10 - Equipment	Roof Access Ladder - Exterior	30	125	2010	2040	1,780	1,424
G2041 - Fences and Gates	Entry Gate - Manual Swing - Mechanical Yard	25	125	2010	2035	3,836	3,069

Uniformat	System Name	Lifetime (Years)	% Renew	Year Installed	Next Renewal Year	Renewal Cost	Replacement Cost
G4021 - Fixtures and Transformers	D3040 - Distribution Ductwork with VAV System	20	125	2010	2030	6,786	5,429
G4022 - Poles	Site Lighting - Poles - Galvanized Steel	40	125	2010	2050	4,177	3,342
Subtotal							20,922,871
Overhead:							0
Subtotal							0
Total Replacement Value Based on System Costs with Overheads							20,922,871

Requirements including Renewals

Costs by Requirement Type



Requirement Name	Renewal	Prime System	Category	Priority	Action Date	Estimated Cost
Carpeting - Tile Renewal	Yes	C3020 - Floor Finishes	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2024	32,390
Emergency Alert Box System Renewal	Yes	D5032 - Intercommunication and Paging System	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2026	12,846
Exhaust System - Axial Exhaust Fans Renewal	Yes	D3040 - Distribution Systems	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2025	39,135
Fire Alarm Control Panel Renewal	Yes	D5037 - Fire Alarm Systems	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2025	69,269
Fire Alarm System - Devices Renewal	Yes	D5037 - Fire Alarm Systems	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2025	114,063
Fittings - Signage (Room Numbering and Identification) Renewal	Yes	C1035 - Identifying Devices	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2026	26,402
LAN System Renewal	Yes	D5039 - Local Area Networks	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2025	300,134
Rubber Treads - Stairs Renewal	Yes	C2021 - Stair, Tread, and Landing Finishes	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2025	9,496
Split DX AC Renewal	Yes	D3050 - Terminal and Package Units	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2025	8,710
Water Heater - Gas - Commercial Renewal	Yes	D2020 - Domestic Water Distribution	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2025	127,344

Requirement Name	Renewal	Prime System	Category	Priority	Action Date	Estimated Cost
Total						739,789



DRAFT

Asset Overview Report *By Asset Name*

Region: Richard Bland College of William & Mary

Asset: Library/Student Commons

Campus: Buildings

Asset Number: 6

Assets are ordered by Asset Name Currency: USD

Statistics

FCI Cost:	2,707,668	FCI:	0.29
RI Cost:	2,707,668	RI:	0.29
Total Requirement Cost:	2,707,668	Size:	36,651 SF
Current Replacement Value:	9,361,242		

Address 1
City 11301 Johnson Road
Petersburg

Address 2
State/Province/Region -
Virginia

Photo



B2020 - Aluminum Windows

Asset Description

ARCHITECTURAL

The Library/Student Commons Building is located at 11301 Johnson Road, Petersburg, Virginia. This 2-story structure was built in 1969 and renovated in 2006 has 36,651 SF of space. The building consists of dining areas and kitchen with offices and meeting spaces as well as restrooms and common areas. Per the International Building Code (IBC 2018), the building is classified as Educational Group E, Use Group E, and Construction Type I.

STRUCTURE

SUBSTRUCTURE

The substructure consists of cast-in place concrete foundation walls with spread footings, and a cast-in-place concrete slab-on-grade.

SUPERSTRUCTURE

The building superstructure is of cast in place concrete columns, beams, floor, and roof decks.

BUILDING EXTERIOR

EXTERIOR WALLS

The exterior walls consist primarily of brick veneer.

EXTERIOR WINDOWS

The windows consist of fixed aluminum units, with none insulated glazing.

EXTERIOR DOORS

The exterior doors consist of metal service units set in metal frames and storefront style units set in aluminum frames.

ROOFING

The roofing assemblies are flat and appear to be consisted of a single-ply membrane roofing system or a slate mansard roof on one section.

BUILDING INTERIOR

PARTITIONS

Interior walls consist primarily of painted gypsum walls board or CMU block walls.

INTERIOR DOORS

Interior doors consist primarily of wood units set in metal frames, with lever-type hardware. Additional interior doors consist of metal units set in metal frames or glazed units set in aluminum frames, with pull handles and lever-type hardware.

WALL FINISHES

Interior wall finishes consist primarily of painted gypsum board or painted CMU..

FLOOR FINISHES

The floor finishes are primarily of carpet and vinyl composition tile, laminate flooring with some terrazzo, quarry tile and ceramic tile.

CEILING FINISHES

The ceilings consist primarily acoustical tile in a suspension grid system.

MECHANICAL

HVAC

The HVAC system consists primarily of three packaged rooftop air conditioning units with gas heat. The building ventilation system includes several medium and large roof exhaust fans and make up air fans. Heating hot water is produced by a gas fired boiler. Supplemental cooling is provided by a split DX AC unit. Conditioned air is distributed throughout the building via metal ductwork and VAV terminal devices, some with re-heat coils. The ventilation system also supports two kitchen exhaust hoods with dedicated fire suppression.

CONTROLS

The HVAC equipment is controlled by electric wall thermostats.

PLUMBING

Domestic water is provided by the utility to the building via copper piping. Water is distributed through the building by copper piping to restroom, custodial and kitchen fixtures, and sanitary waste is conveyed from the building by PVC piping. Water coolers are located throughout the building.

CONVEYANCE

The building is equipped with a passenger hydraulic elevator with a capacity of 2,100 lbs. That serves 2 floors.

FIRE PROTECTION

Fire protection is provided by a wet pipe fire sprinkler system and hand held fire extinguishers.

ELECTRICAL

MAIN ELECTRICAL SERVICE AND DISTRIBUTION

The building received power from an underground feeder to a 2500 Amp main distribution panels and then via branch wiring to outlets and lighting throughout the building.

LIGHTING

The Lighting systems consist of flush and recessed mounted T-8 and compact fluorescent and incandescent light fixtures.

EMERGENCY LIGHTING AND POWER

Emergency power is produced by a natural gas emergency generator.

FIRE ALARM SYSTEMS

The building includes a fully addressable fire alarm system with remote devices.

COMMUNICATIONS & SECURITY

Communication equipment is provided by a wired and wireless LAN system and VOIP telephone system.

Security systems include remotely monitored CCTV cameras.

Asset Replacement Value Based on System Costs with Overheads

Uniformat	System Name	Lifetime (Years)	% Renew	Year Installed	Next Renewal Year	Renewal Cost	Replacement Cost
A - Substructure	Foundation Wall and Footings - No Basement	75	6	1969	2044	9,764	162,741
A - Substructure	Structural Slab on Grade - Non-Industrial - 4-In.	75	6	1969	2044	20,149	322,384
B10 - Superstructure	Multi-Story - Concrete - Cast-in-Place	75	6	1969	2044	89,234	1,427,740
B1014 - Ramps	Exterior Accessible Ramp - Concrete - 2006	50	12	2006	2056	20,512	164,100
B1014 - Ramps	Exterior Accessible Ramp - Concrete - 1969	50	12	1969	2024	4,102	32,820
B2010 - Exterior Walls	Brick Cavity Walls - CMU Backup	75	12	1969	2044	74,217	593,739
B2013 - Exterior Louvers, Screens, and Fencing	Equipment Screen Walls - Metal - Rooftop	50	12	2006	2056	13,814	110,508
B2016 - Exterior Soffits	Exterior Soffit - Stucco	25	125	1969	2031	50,914	40,732
B2016 - Exterior Soffits	Exterior Soffits - Painted Finish	15	125	2012	2027	4,187	3,350
B2020 - Exterior Windows	Aluminum Windows	30	125	1969	2024	284,520	227,616
B2030 - Exterior Doors	Door Assembly - 3 x 7 HM	30	125	1969	2024	36,364	29,091
B2030 - Exterior Doors	Door Assembly - 3 x 7 Storefront	30	125	1969	2024	50,803	40,643

Uniformat	System Name	Lifetime (Years)	% Renew	Year Installed	Next Renewal Year	Renewal Cost	Replacement Cost
B2030 - Exterior Doors	Door Assembly - 6 x 7 HM	30	125	1969	2024	20,085	16,068
B2030 - Exterior Doors	Door Assembly - 6 x 7 Storefront	30	125	1969	2024	41,363	33,091
B30 - Roofing	Single-Ply Membrane - Fully Adhered	25	125	2012	2037	463,251	370,600
B30 - Roofing	Slate Tile Roofing	75	125	1969	2044	86,129	68,903
B3022 - Roof Hatches	Roof Hatch - 3 x 3	40	125	2006	2046	3,630	2,904
C1010 - Partitions	Windows/Storefront Partitions	50	62	1969	2026	59,899	96,611
C1010 - Partitions	GWB Partitions On Furring (Non-Painted)	50	62	1969	2026	11,689	18,702
C1010 - Partitions	GWB Partitions - Standard (Non-Painted)	50	62	1969	2026	292,200	467,520
C1010 - Partitions	CMU Block Walls - Plain	50	62	1969	2026	126,008	203,240
C1020 - Interior Doors	Swinging Doors - 3 x 7 Storefront	50	125	1969	2026	8,467	6,774
C1020 - Interior Doors	Swinging Doors - 3 x 7 HM - NR	50	125	2006	2056	33,879	27,103
C1020 - Interior Doors	Swinging Doors - 3 x 7 Wd - NR - 2006	50	125	2006	2056	205,142	164,113
C1020 - Interior Doors	Swinging Doors - Pair - 6 x 7 Storefront	50	125	1969	2026	41,363	33,091
C1020 - Interior Doors	Swinging Doors - 3 x 7 Wd - NR - 2017	50	125	2017	2067	25,119	20,096
C1030 - Fittings	Toilet Partitions	40	125	2006	2046	23,428	18,742
C1030 - Fittings	Restroom Accessories	25	125	2006	2031	56,154	44,923
C1035 - Identifying Devices	Fittings - Signage (Room Numbering and Identification)	10	125	2006	2026	18,070	14,456
C20 - Stairs	Stairs - Exit	75	38	1969	2044	7,877	21,007
C20 - Stairs	Stairs - Monumental	75	38	1969	2044	15,297	40,791
C2014 - Stair Handrails and Balustrades	Interior Metal/Glass Railings	75	125	2006	2081	19,126	15,301
C2021 - Stair, Tread, and Landing Finishes	Rubber Treads - Stairs	15	125	2006	2026	4,106	3,285
C3010 - Wall Finishes	Ceramic Wall Tile - 2006	25	125	2006	2031	35,125	28,100

Uniformat	System Name	Lifetime (Years)	% Renew	Year Installed	Next Renewal Year	Renewal Cost	Replacement Cost
C3010 - Wall Finishes	Painted Finish - (1 Coat Prime - 2 Coats Finish)	10	125	2012	2024	79,200	63,360
C3010 - Wall Finishes	Ceramic Wall Tile - 1969	25	125	1969	2026	3,903	3,122
C3020 - Floor Finishes	Vinyl Composition Tile - Quality - 2006	20	125	2006	2026	7,341	5,872
C3020 - Floor Finishes	Carpeting - Broadloom - Medium Range	10	125	2006	2024	133,575	106,860
C3020 - Floor Finishes	Terrazzo - Cast-in-Place	50	125	1969	2031	48,417	38,734
C3020 - Floor Finishes	Quarry Floor Tile	25	125	1969	2026	12,894	10,315
C3020 - Floor Finishes	Ceramic Tile - 2006	25	125	2006	2031	41,937	33,550
C3020 - Floor Finishes	Vinyl Composition Tile - Quality - 2017	20	125	2017	2037	36,214	28,971
C3020 - Floor Finishes	Resilient Flooring - Wood Pattern	15	125	2017	2032	81,491	65,193
C3020 - Floor Finishes	Ceramic Tile - 1969	25	125	1969	2026	9,785	7,828
C3020 - Floor Finishes	Carpeting - Tile	10	125	2017	2027	65,979	52,784
C3020 - Floor Finishes	Vinyl Accoustical Tile - 1969	20	125	1969	2024	1,713	1,370
C3030 - Ceiling Finishes	ACT System - Quality - 2006	20	125	2006	2026	345,000	276,000
C3030 - Ceiling Finishes	ACT System - Quality - 2017	20	125	2017	2037	63,825	51,060
D1010 - Elevators and Lifts	Hydraulic Passenger Elevator	35	125	1980	2023	131,643	105,314
D2010 - Plumbing Fixtures	Water Coolers - Wall-Mounted	20	125	2012	2032	8,185	6,548
D2010 - Plumbing Fixtures	Restroom Fixtures	30	125	2012	2042	107,058	85,647
D2010 - Plumbing Fixtures	Custodial/Utility Sinks	30	125	2012	2042	2,485	1,988
D2010 - Plumbing Fixtures	Kitchenette - Cabinet, Counter and Sink	30	125	2012	2042	17,545	14,036
D2020 - Domestic Water Distribution	Water Heater - Elec - Commercial - 120 Gal	15	112	2012	2027	35,221	31,447
D2020 - Domestic Water Distribution	Water Distribution Complete	30	112	2006	2036	112,744	100,665
D2030 - Sanitary Waste	Sanitary Waste - Gravity Discharge	50	125	2006	2056	161,249	128,999

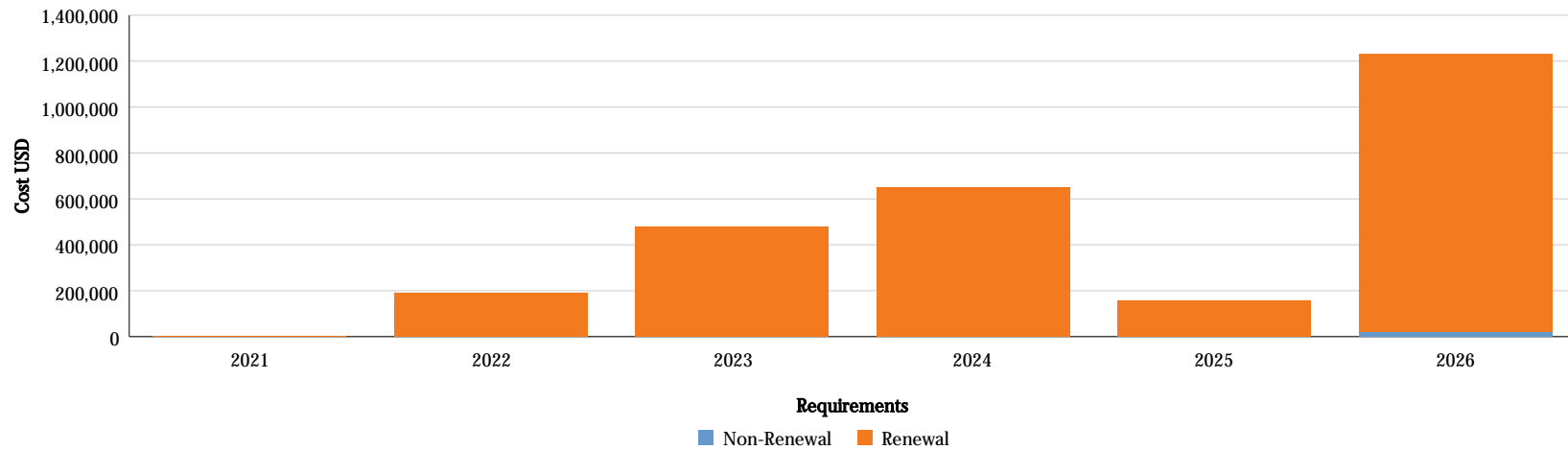
Uniformat	System Name	Lifetime (Years)	% Renew	Year Installed	Next Renewal Year	Renewal Cost	Replacement Cost
D2040 - Rain Water Drainage	Roof Drainage - Gravity	50	125	2006	2056	125,656	100,525
D3012 - Gas Supply System	Natural Gas Service to Bldg - 2" Feed	40	125	2006	2046	4,469	3,575
D3020 - Heat Generating Systems	Boiler HW - Gas-Fired	30	125	2006	2036	158,954	127,163
D3040 - Distribution Systems	Exhaust System - Roof Fan - Medium	20	125	2006	2026	37,447	29,957
D3040 - Distribution Systems	Exhaust System - Roof Fan - Large	20	125	2006	2026	15,154	12,123
D3040 - Distribution Systems	Ventilation System - Make Up Air Fan	20	125	2006	2026	18,723	14,979
D3040 - Distribution Systems	Distribution Ductwork with VAV System	25	125	2006	2031	771,321	617,057
D3050 - Terminal and Package Units	Split DX AC	15	125	2001	2021	3,996	3,196
D3050 - Terminal and Package Units	Rooftop Unitary AC - Cooling w/Gas Heat - 2006 - RTU 2	15	125	2006	2023	226,984	181,588
D3050 - Terminal and Package Units	Rooftop Unitary AC - Cooling w/Gas Heat - 2006 - RTU 1	15	125	2006	2023	119,465	95,572
D3050 - Terminal and Package Units	Rooftop Unitary AC - Cooling w/Gas Heat - 2012 - RTU - 3	15	125	2012	2027	143,359	114,687
D3050 - Terminal and Package Units	Unit Heaters - Electric	15	112	2006	2022	9,360	8,358
D3050 - Terminal and Package Units	Unit Heaters - Hot Water	25	112	2012	2037	9,672	8,636
D3060 - Controls and Instrumentation	Electric Controls	20	125	2006	2026	92,293	73,834
D40 - Fire Protection	Wet Sprinkler System - Light Hazard wo/Pump	35	125	2006	2041	381,442	305,154
D40 - Fire Protection	Fire Extinguishers - Dry Chemical	30	105	2021	2051	2,560	2,438
D5012 - Low Tension Service and Dist.	Distribution Equipment, Panelboards, and Feeders - Original	30	125	1995	2025	7,486	5,989
D5012 - Low Tension Service and Dist.	Distribution Equipment, Panelboards, and Feeders - 2500A 208Y/120V	30	125	2012	2042	439,439	351,551
D5020 - Lighting and Branch Wiring	Lighting - Exterior - HID Wall Packs	20	125	2006	2026	11,825	9,460

Uniformat	System Name	Lifetime (Years)	% Renew	Year Installed	Next Renewal Year	Renewal Cost	Replacement Cost
D5020 - Lighting and Branch Wiring	Lighting - Exterior - CFL Wall Packs	20	125	2006	2026	9,800	7,840
D5021 - Branch Wiring Devices	Branch Wiring - Equipment & Devices	30	125	2010	2040	165,435	132,348
D5022 - Lighting Equipment	Lighting Fixtures	20	125	2012	2032	326,024	260,819
D5033 - Telephone Systems	Telephone System	10	106	2012	2022	180,507	170,290
D5037 - Fire Alarm Systems	Fire Alarm System - Wiring and Conduit	30	125	2012	2042	38,506	30,805
D5037 - Fire Alarm Systems	Fire Alarm System - Devices	10	125	2012	2025	78,068	62,454
D5037 - Fire Alarm Systems	Fire Alarm Control Panel	10	125	2012	2025	69,269	55,415
D5038 - Security and Detection Systems	Security System - CCTV - Cameras	10	125	2018	2028	54,064	43,251
D5039 - Local Area Networks	LAN System	15	106	2012	2027	205,420	193,792
D5092 - Emergency Light and Power Systems	Emergency Generator	20	125	2006	2026	80,020	64,016
E - Equipment and Furnishings	Kitchen Equipment	20	125	2012	2032	46,675	37,340
E - Equipment and Furnishings	Fixed Casework - 2017	25	125	2017	2042	16,617	13,294
E - Equipment and Furnishings	Fixed Casework - 2006	25	125	2006	2031	36,004	28,803
E10 - Equipment	Roof Access Ladder - Interior	50	125	1969	2026	3,561	2,849
E2012 - Fixed Casework	Casework - Rolling Cabinets - Mobile Lateral Files	25	125	2006	2031	120,656	96,525
G4022 - Poles	Site Lighting - Poles - Galvanized Steel	40	125	2012	2052	6,266	5,013
Subtotal							9,361,242
Overhead:							0
Total Replacement Value Based on System Costs with Overheads							9,361,242

Subtotal	0
Total Replacement Value Based on System Costs with Overheads	9,361,242

Requirements including Renewals

Costs by Requirement Type



Requirement Name	Renewal	Prime System	Category	Priority	Action Date	Estimated Cost
ACT System - Quality - 2006 Renewal	Yes	C3030 - Ceiling Finishes	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2026	345,000
Aluminum Windows Renewal	Yes	B2020 - Exterior Windows	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2024	284,520
CMU Block Walls - Plain Renewal	Yes	C1010 - Partitions	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2026	126,008
Carpeting - Broadloom - Medium Range Renewal	Yes	C3020 - Floor Finishes	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2024	133,575
Ceramic Tile - 1969 Renewal	Yes	C3020 - Floor Finishes	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2026	9,785
Ceramic Wall Tile - 1969 Renewal	Yes	C3010 - Wall Finishes	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2026	3,903
Distribution Equipment, Panelboards, and Feeders - Original Renewal	Yes	D5012 - Low Tension Service and Dist.	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2025	7,486
Door Assembly - 3 x 7 HM Renewal	Yes	B2030 - Exterior Doors	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2024	36,364
Door Assembly - 3 x 7 Storefront Renewal	Yes	B2030 - Exterior Doors	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2024	50,803
Door Assembly - 6 x 7 HM Renewal	Yes	B2030 - Exterior Doors	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2024	20,085

Requirement Name	Renewal	Prime System	Category	Priority	Action Date	Estimated Cost
Door Assembly - 6 x 7 Storefront Renewal	Yes	B2030 - Exterior Doors	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2024	41,363
Electric Controls Renewal	Yes	D3060 - Controls and Instrumentation	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2026	92,293
Emergency Generator Renewal	Yes	D5092 - Emergency Light and Power Systems	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2026	80,020
Exhaust System - Roof Fan - Large Renewal	Yes	D3040 - Distribution Systems	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2026	15,154
Exhaust System - Roof Fan - Medium Renewal	Yes	D3040 - Distribution Systems	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2026	37,447
Exterior Accessible Ramp - Concrete - 1969 Renewal	Yes	B1014 - Ramps	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2024	4,103
Exterior Walls - Deteriorated Caulk and Control Joints	No	B2010 - Exterior Walls	Reliability	3- Due within 5 Years of Inspection	Apr 26, 2026	19,616
Fire Alarm Control Panel Renewal	Yes	D5037 - Fire Alarm Systems	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2025	69,269
Fire Alarm System - Devices Renewal	Yes	D5037 - Fire Alarm Systems	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2025	78,068
Fittings - Signage (Room Numbering and Identification) Renewal	Yes	C1035 - Identifying Devices	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2026	18,070
GWB Partitions - Standard (Non-Painted) Renewal	Yes	C1010 - Partitions	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2026	292,200
GWB Partitions On Furring (Non-Painted) Renewal	Yes	C1010 - Partitions	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2026	11,689
Hydraulic Passenger Elevator Renewal	Yes	D1010 - Elevators and Lifts	Lifecycle	2- Due within 2 Years of Inspection	Apr 26, 2023	131,643
Lighting - Exterior - CFL Wall Packs Renewal	Yes	D5020 - Lighting and Branch Wiring	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2026	9,800
Lighting - Exterior - HID Wall Packs Renewal	Yes	D5020 - Lighting and Branch Wiring	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2026	11,825
Painted Finish - (1 Coat Prime - 2 Coats Finish) Renewal	Yes	C3010 - Wall Finishes	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2024	79,200
Quarry Floor Tile Renewal	Yes	C3020 - Floor Finishes	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2026	12,894
Roof Access Ladder - Interior Renewal	Yes	E10 - Equipment	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2026	3,561
Rooftop Unitary AC - Cooling w/Gas Heat - 2006 - RTU 1 Renewal	Yes	D3050 - Terminal and Package Units	Lifecycle	2- Due within 2 Years of Inspection	Apr 26, 2023	119,465
Rooftop Unitary AC - Cooling w/Gas Heat - 2006 - RTU 2 Renewal	Yes	D3050 - Terminal and Package Units	Lifecycle	2- Due within 2 Years of Inspection	Apr 26, 2023	226,984
Rubber Treads - Stairs Renewal	Yes	C2021 - Stair, Tread, and Landing Finishes	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2026	4,106
Split DX AC Renewal	Yes	D3050 - Terminal and Package Units	Lifecycle	1- Due within 1 Year of Inspection	Apr 26, 2021	3,996
Swinging Doors - 3 x 7 Storefront Renewal	Yes	C1020 - Interior Doors	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2026	8,467
Swinging Doors - Pair - 6 x 7 Storefront Renewal	Yes	C1020 - Interior Doors	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2026	41,363
Telephone System Renewal	Yes	D5033 - Telephone Systems	Lifecycle	1- Due within 1 Year of Inspection	Apr 26, 2022	180,507

Requirement Name	Renewal	Prime System	Category	Priority	Action Date	Estimated Cost
Unit Heaters - Electric Renewal	Yes	D3050 - Terminal and Package Units	Lifecycle	1- Due within 1 Year of Inspection	Apr 26, 2022	9,360
Ventilation System - Make Up Air Fan Renewal	Yes	D3040 - Distribution Systems	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2026	18,723
Vinyl Accoustical Tile - 1969 Renewal	Yes	C3020 - Floor Finishes	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2024	1,713
Vinyl Composition Tile - Quality - 2006 Renewal	Yes	C3020 - Floor Finishes	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2026	7,341
Windows/Storefront Partitions Renewal	Yes	C1010 - Partitions	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2026	59,899
Total						2,707,668



DRAFT

Asset Overview Report

By Asset Name

Region: Richard Bland College of William & Mary

Asset: Maintenance Building

Campus: Buildings

Asset Number: 13

Assets are ordered by Asset Name Currency: USD

Statistics

FCI Cost:	338,806	FCI:	0.33
RI Cost:	338,806	RI:	0.33
Total Requirement Cost:	338,808	Size:	7,251 SF
Current Replacement Value:	1,019,009		

Address 1
City 11301 Johnson Road
Petersburg

Address 2
State/Province/Region -
Virginia

Photo



F1012 - Pre-Engineered Steel Building

Asset Description

ARCHITECTURAL

The Maintenance Building is located at 11301 Johnson Road, Petersburg, Virginia. This single story prefabricated metal building was built in 1995 and has 7,251 SF of space. The building consists of maintenance offices with restrooms and service areas. Per the International Building Code (IBC 2018), the building is classified as Utility and Miscellaneous Group U, Use Group U, and Construction Type I.

STRUCTURE

SUBSTRUCTURE

The substructure consists of cast-in place concrete foundation walls with spread footings, and a cast-in-place concrete slab-on-grade.

SUPERSTRUCTURE

The building superstructure is a prefabricated steel building with steel framed beams and roof deck.

BUILDING EXTERIOR

EXTERIOR WALLS

The exterior walls are of metal panel.

EXTERIOR WINDOWS

The windows consist of double hung aluminum units, with insulating glazing.

EXTERIOR DOORS

The exterior doors consist of metal service units set in metal frames and overhead rolling doors at service areas.

ROOFING

The roofing assembly is a sloped metal roof.

BUILDING INTERIOR

PARTITIONS

Interior walls consist primarily of painted CMU walls with some painted gypsum walls board.

INTERIOR DOORS

Interior doors consist of wood or metal units set in metal frames, with lever-type hardware.

WALL FINISHES

Interior wall finishes consist primarily of painted gypsum board or CMU.

FLOOR FINISHES

The floor finishes are primarily unfinished in the service bay area and carpet and VCT in the offices.

CEILING FINISHES

The ceilings consist of acoustical tile in a suspension grid system.

MECHANICAL

HVAC

The HVAC system consists primarily of a constant volume air handler supported by a remote DX heat pump condensing unit. Supplemental cooling is provided by three split-DX AX units to supply the back offices. Supplemental heating is provided by gas fired infrared radiant heaters in the shop areas. Ventilation is provided by ceiling mounted restroom exhaust fans.

CONTROLS

The HVAC equipment is controlled by direct electrical thermostatic controls.

PLUMBING

The building includes a copper pipe distribution system from the area utility to the restroom fixtures, water cooler, kitchenette and emergency eyewash. The plumbing fixtures include water closets, urinals and lavatories. Domestic hot water is produced by a 50 gallon electric water heater.

CONVEYANCE

N/A

FIRE PROTECTION

Fire protection is provided by hand held fire extinguishers.

ELECTRICAL

MAIN ELECTRICAL SERVICE AND DISTRIBUTION

The building received power from an underground feeder to a 400 Amp main distribution panels and then via branch wiring to outlets and lighting throughout the building.

LIGHTING

The Lighting systems consist of surface mounted T-8 and compact fluorescent and incandescent light fixtures.

EMERGENCY LIGHTING AND POWER

The building is also equipped with illuminated exit signs.

FIRE ALARM SYSTEMS

N/A

COMMUNICATIONS & SECURITY

The building is equipped with a wired and wireless LAN system, which also supports the VOIP telephone system.

Asset Replacement Value Based on System Costs with Overheads

Uniformat	System Name	Lifetime (Years)	% Renew	Year Installed	Next Renewal Year	Renewal Cost	Replacement Cost
A - Substructure	Foundation Wall and Footings - No Basement	75	6	1995	2070	4,370	72,837
A - Substructure	Structural Slab on Grade - Non-Industrial - 4-In.	75	6	1995	2070	4,983	79,725
B2010 - Exterior Walls	Wood Siding - Wood Stud Backup	50	12	2016	2066	2,605	20,840
B2020 - Exterior Windows	Aluminum Windows	30	125	1995	2025	26,674	21,339
B2030 - Exterior Doors	Overhead Rolling Doors - 10 x 10 - Electric Operation	30	125	1995	2025	11,965	9,572
B2030 - Exterior Doors	Door Assembly - 3 x 7 HM	30	125	1995	2025	15,585	12,468
B30 - Roofing	Gutters and Downspouts - Aluminum	30	125	1995	2025	2,148	1,718
C1010 - Partitions	CMU Partitions - Non-Rated - Plain	50	62	1995	2045	20,398	32,637
C1010 - Partitions	GWB Partitions - Standard (Non-Painted)	50	62	2016	2066	16,436	26,298
C1010 - Partitions	GWB Partitions On Furring (Non-Painted)	50	62	2016	2066	1,948	3,117
C1017 - Interior Windows and Storefronts	Counter Window - Sliding	50	125	2016	2066	660	528
C1020 - Interior Doors	Swinging Doors - 3 x 7 Wd - NR	50	125	2016	2066	16,746	13,397
C1020 - Interior Doors	Swinging Doors - 3 x 7 HM - NR	50	125	1995	2045	38,719	30,975
C1030 - Fittings	Toilet Partitions	40	125	1995	2035	3,905	3,124
C1030 - Fittings	Restroom Accessories	25	125	2016	2041	14,038	11,231

Uniformat	System Name	Lifetime (Years)	% Renew	Year Installed	Next Renewal Year	Renewal Cost	Replacement Cost
C1035 - Identifying Devices	Fittings - Signage (Room Numbering and Identification)	10	125	1995	2026	3,575	2,860
C20 - Stairs	Stairs - Wood Framed - Exit	75	38	1995	2070	1,276	3,401
C3010 - Wall Finishes	Painted Finish - (1 Coat Prime - 2 Coats Finish)	10	125	1995	2026	9,570	7,656
C3010 - Wall Finishes	Wall Covering - Wood Paneling	30	125	2016	2046	4,455	3,564
C3020 - Floor Finishes	Carpeting - Broadloom - Medium Range	10	125	2016	2026	11,302	9,042
C3020 - Floor Finishes	Vinyl Composition Tile - Quality	20	125	1995	2026	2,447	1,958
C3020 - Floor Finishes	Carpeting - Tile	10	125	2016	2026	7,198	5,758
C3020 - Floor Finishes	Vinyl Sheet Goods - Quality	12	125	2010	2022	1,821	1,457
C3030 - Ceiling Finishes	GWB Ceilings - Taped and Finished	30	125	2019	2049	3,806	3,045
C3030 - Ceiling Finishes	ACT System - Quality	20	125	1995	2026	10,350	8,280
D2010 - Plumbing Fixtures	Water Coolers - Wall-Mounted	20	125	2005	2025	4,093	3,274
D2010 - Plumbing Fixtures	Kitchenette - Cabinet, Counter and Sink	30	125	1995	2025	5,848	4,679
D2010 - Plumbing Fixtures	Custodial/Utility Sinks - PVC	30	125	1995	2025	2,485	1,988
D2010 - Plumbing Fixtures	Custodial/Utility Sinks - Floor Sink	30	125	2005	2035	8,636	6,909
D2010 - Plumbing Fixtures	Restroom Fixtures	30	125	1995	2025	15,261	12,209
D2010 - Plumbing Fixtures	Emergency Eyewash	30	125	1995	2025	2,727	2,182
D2020 - Domestic Water Distribution	Water Distribution Complete	30	112	1995	2025	22,305	19,915
D2020 - Domestic Water Distribution	Water Heater - Electric	10	112	2015	2022	6,827	6,095
D2030 - Sanitary Waste	Sanitary Waste - Gravity Discharge	50	125	1995	2045	31,901	25,521
D2090 - Other Plumbing Systems	Shop Air Compressor	20	105	2006	2026	47,536	45,272
D3012 - Gas Supply System	Natural Gas Service to Bldg - 1" Feed	40	125	1995	2035	3,114	2,491

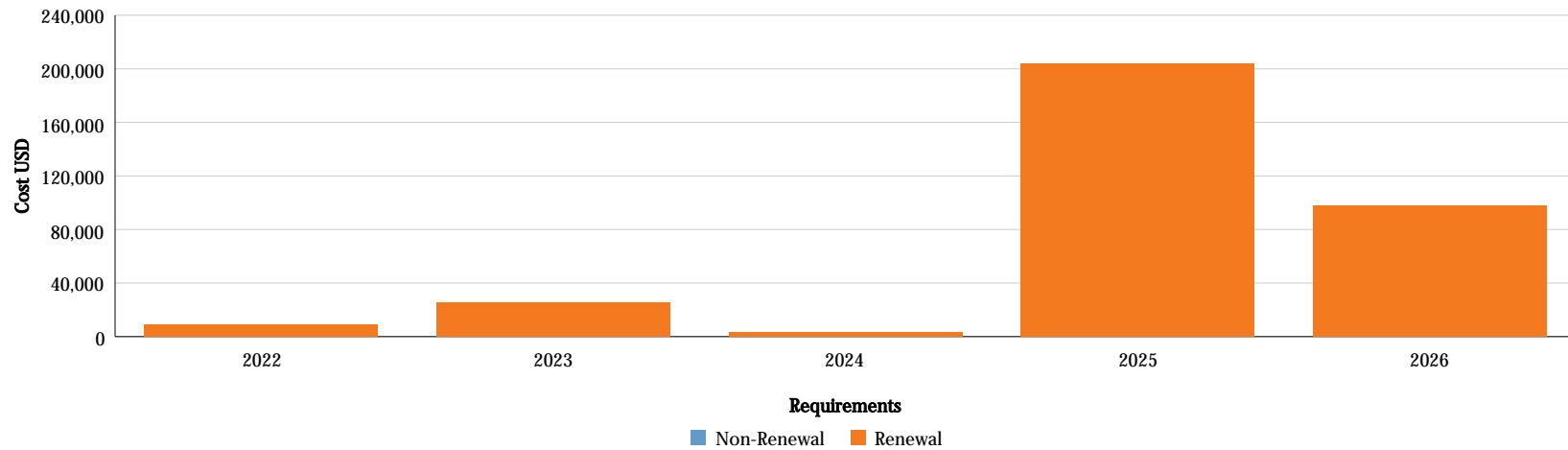
Uniformat	System Name	Lifetime (Years)	% Renew	Year Installed	Next Renewal Year	Renewal Cost	Replacement Cost
D3030 - Cooling Generating Systems	DX Condensing Unit - 2 1/2 Ton	15	125	2009	2024	3,453	2,762
D3040 - Distribution Systems	Central AHU - Const Volume w/Distribution	25	125	2009	2034	45,151	36,121
D3040 - Distribution Systems	Exhaust System - Restroom Ceiling Fan	20	125	2005	2025	1,547	1,237
D3050 - Terminal and Package Units	Unit Heaters -IR - Gas Fired	15	112	2010	2025	13,021	11,626
D3050 - Terminal and Package Units	Split DX AC - 2006	15	125	2006	2023	12,816	10,253
D3050 - Terminal and Package Units	Split DX AC - 1998	15	125	1998	2023	6,408	5,126
D3060 - Controls and Instrumentation	Electric Controls - Basic	20	125	1995	2023	4,063	3,251
D40 - Fire Protection	Fire Extinguishers - Dry Chemical	30	105	2021	2051	853	813
D5012 - Low Tension Service and Dist.	Main Electrical Service - 400A 208Y/120V + Distribution	30	125	1995	2025	41,600	33,280
D5020 - Lighting and Branch Wiring	Lighting - Exterior - HID Wall Packs	20	125	2005	2025	5,912	4,730
D5021 - Branch Wiring Devices	Branch Wiring - Equipment & Devices	30	125	1995	2025	32,729	26,184
D5022 - Lighting Equipment	Lighting Fixtures	20	125	2008	2028	39,534	31,627
D5039 - Local Area Networks	LAN System	15	106	2015	2030	40,640	38,340
D5092 - Emergency Light and Power Systems	Exit Signs	10	125	2010	2023	2,002	1,602
E - Equipment and Furnishings	Fixed Casework	25	125	1995	2026	5,539	4,431
F1012 - Pre-engineered Structures	Pre-Engineered Steel Building	75	6	1995	2070	16,067	257,066
G3063 - Fuel Storage Tanks	Fuel Storage Tanks - Above Ground Tank - Steel - 500 Gallons	30	125	1998	2028	41,502	33,202
Subtotal							1,019,009

Overhead:	0
Subtotal	0

Total Replacement Value Based on System Costs with Overheads	1,019,009
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Requirements including Renewals

Costs by Requirement Type



Requirement Name	Renewal	Prime System	Category	Priority	Action Date	Estimated Cost
ACT System - Quality Renewal	Yes	C3030 - Ceiling Finishes	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2026	10,350
Aluminum Windows Renewal	Yes	B2020 - Exterior Windows	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2025	26,674
Branch Wiring - Equipment & Devices Renewal	Yes	D5021 - Branch Wiring Devices	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2025	32,729
Carpeting - Broadloom - Medium Range Renewal	Yes	C3020 - Floor Finishes	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2026	11,303
Carpeting - Tile Renewal	Yes	C3020 - Floor Finishes	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2026	7,198
Custodial/Utility Sinks - PVC Renewal	Yes	D2010 - Plumbing Fixtures	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2025	2,485
DX Condensing Unit - 2 1/2 Ton Renewal	Yes	D3030 - Cooling Generating Systems	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2024	3,453
Door Assembly - 3 x 7 HM Renewal	Yes	B2030 - Exterior Doors	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2025	15,585
Electric Controls - Basic Renewal	Yes	D3060 - Controls and Instrumentation	Lifecycle	2- Due within 2 Years of Inspection	Apr 26, 2023	4,063
Emergency Eyewash Renewal	Yes	D2010 - Plumbing Fixtures	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2025	2,727

Requirement Name	Renewal	Prime System	Category	Priority	Action Date	Estimated Cost
Exhaust System - Restroom Ceiling Fan Renewal	Yes	D3040 - Distribution Systems	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2025	1,547
Exit Signs Renewal	Yes	D5092 - Emergency Light and Power Systems	Lifecycle	2- Due within 2 Years of Inspection	Apr 26, 2023	2,002
Fittings - Signage (Room Numbering and Identification) Renewal	Yes	C1035 - Identifying Devices	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2026	3,575
Fixed Casework Renewal	Yes	E - Equipment and Furnishings	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2026	5,539
Gutters and Downspouts - Aluminum Renewal	Yes	B30 - Roofing	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2025	2,148
Kitchenette - Cabinet, Counter and Sink Renewal	Yes	D2010 - Plumbing Fixtures	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2025	5,848
Lighting - Exterior - HID Wall Packs Renewal	Yes	D5020 - Lighting and Branch Wiring	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2025	5,912
Main Electrical Service - 400A 208Y/120V + Distribution Renewal	Yes	D5012 - Low Tension Service and Dist.	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2025	41,600
Overhead Rolling Doors - 10 x 10 - Electric Operation Renewal	Yes	B2030 - Exterior Doors	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2025	11,965
Painted Finish - (1 Coat Prime - 2 Coats Finish) Renewal	Yes	C3010 - Wall Finishes	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2026	9,570
Restroom Fixtures Renewal	Yes	D2010 - Plumbing Fixtures	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2025	15,261
Shop Air Compressor Renewal	Yes	D2090 - Other Plumbing Systems	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2026	47,536
Split DX AC - 1998 Renewal	Yes	D3050 - Terminal and Package Units	Lifecycle	2- Due within 2 Years of Inspection	Apr 26, 2023	6,408
Split DX AC - 2006 Renewal	Yes	D3050 - Terminal and Package Units	Lifecycle	2- Due within 2 Years of Inspection	Apr 26, 2023	12,816
Unit Heaters -IR - Gas Fired Renewal	Yes	D3050 - Terminal and Package Units	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2025	13,021
Vinyl Composition Tile - Quality Renewal	Yes	C3020 - Floor Finishes	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2026	2,447
Vinyl Sheet Goods - Quality Renewal	Yes	C3020 - Floor Finishes	Lifecycle	1- Due within 1 Year of Inspection	Apr 26, 2022	1,821
Water Coolers - Wall-Mounted Renewal	Yes	D2010 - Plumbing Fixtures	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2025	4,093
Water Distribution Complete	Yes	D2020 - Domestic Water Distribution	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2025	22,305
Renewal						
Water Heater - Electric Renewal	Yes	D2020 - Domestic Water Distribution	Lifecycle	1- Due within 1 Year of Inspection	Apr 26, 2022	6,827
Total						338,808



DRAFT

Asset Overview Report

By Asset Name

Region: Richard Bland College of William & Mary

Asset: Maze Hall

Campus: Buildings

Asset Number: 8

Assets are ordered by Asset Name Currency: USD

Statistics

FCI Cost:	546,966	FCI:	0.20
RI Cost:	551,413	RI:	0.20
Total Requirement Cost:	546,968	Size:	8,960 SF
Current Replacement Value:	2,786,938		

Address 1
City 11301 Johnson Road
Petersburg

Address 2
State/Province/Region -
Virginia

Photo



B10 - Single-Story - Wood Framed Roof on Bearing Walls

Asset Description

ARCHITECTURAL

The Maze Hall Building is located at 11301 Johnson Road, Petersburg, Virginia. This single story structure was built in 1935 and has 8,960 SF of space. The building consists of offices with restrooms. Per the International Building Code (IBC 2018), the building is classified as educational Group E, Use Group E, and Construction Type I.

STRUCTURE

SUBSTRUCTURE

The substructure consists of cast-in place concrete foundation walls with spread footings, and a cast-in-place concrete slab-on-grade.

SUPERSTRUCTURE

The building superstructure is of CMU exterior walls with wood framed beams, floor, and roof decks.

BUILDING EXTERIOR

EXTERIOR WALLS

The exterior walls consist primarily of painted brick veneer.

EXTERIOR WINDOWS

The windows consist of double hung aluminum units, with insulating glazing.

EXTERIOR DOORS

The exterior doors consist of metal service units set in metal frames and storefront style units set in aluminum frames.

ROOFING

The roofing assembly is a sloped roof with state tiles.

BUILDING INTERIOR

PARTITIONS

Interior walls consist primarily of painted gypsum walls board or CMU block walls.

INTERIOR DOORS

Interior doors consist of wood units set in metal frames, with lever-type hardware.

WALL FINISHES

Interior wall finishes consist primarily of painted gypsum board.

FLOOR FINISHES

The floor finishes are primarily of carpet with some composition tile and ceramic tile at the restrooms. The main corridor has slate tile flooring.

CEILING FINISHES

The ceilings consist of acoustical tile in a suspension grid system.

MECHANICAL

HVAC

The HVAC system consists primarily water source heat pump supported by a cooling tower next to the adjacent building. Supplemental heating his provided by suspended electric unit heater. Supplemental cooling is provided by window air conditioners.

CONTROLS

The HVAC equipment is controlled by direct thermostats.

PLUMBING

Domestic water is provided by the utility to the building via copper piping. Water is distributed through the building by copper piping to restroom fixtures and water coolers. Sanitary waste is conveyed from the building by cast iron piping.

CONVEYANCE

N/A.

FIRE PROTECTION

Fire protection is provided by hand held fire extinguishers.

ELECTRICAL

MAIN ELECTRICAL SERVICE AND DISTRIBUTION

The building received power from an underground feeder to a main distribution panels and then via branch wiring to outlets and lighting throughout the building.

LIGHTING

The Lighting systems consist of surface and flush mounted T-8 fluorescent and incandescent light fixtures.

EMERGENCY LIGHTING AND POWER

Emergency lighting include battery pack emergency lights and exit signs.

FIRE ALARM SYSTEMS

The fire alarm system includes an addressable fire alarm system, wiring and remote devices.

COMMUNICATIONS & SECURITY

Communication equipment is provided by a wired and wireless LAN system and a wired telephone system.

Asset Replacement Value Based on System Costs with Overheads

Uniformat	System Name	Lifetime (Years)	% Renew	Year Installed	Next Renewal Year	Renewal Cost	Replacement Cost
A - Substructure	Foundation Wall and Footings - No Basement	75	6	1935	2031	5,716	95,263
A - Substructure	Foundation Wall and Footings 8-Ft - Partial Basement	75	6	1935	2031	3,656	58,499
A - Substructure	Structural Slab on Grade - Non-Industrial - 4-In.	75	6	1935	2031	5,131	82,100
B10 - Superstructure	Single-Story - Wood Framed Roof on Bearing Walls	75	6	1935	2031	3,822	61,152
B1014 - Ramps	Exterior Accessible Ramp - Concrete	50	12	2010	2060	20,512	164,100
B1023 - Canopies	Fabric Canopy - Lateral Arm - Motorized	15	125	2018	2033	8,833	7,066
B1023 - Canopies	Fixed Fabric Canopy - Fabric Cover	15	125	2008	2022	3,148	2,518
B2010 - Exterior Walls	Wood Trim/Siding - Wood Stud Backup	50	12	1935	2031	3,552	28,418
B2010 - Exterior Walls	Brick Cavity Walls - CMU Backup	75	12	1935	2031	43,461	347,685
B2011 - Exterior Wall Construction	Painted Finish - Exterior Walls/Trim/Soffits	10	125	2013	2023	20,812	16,650
B2020 - Exterior Windows	Aluminum Windows	30	125	2018	2048	177,825	142,260
B2030 - Exterior Doors	Door Assembly - 3 x 7 HM	30	125	2018	2048	20,779	16,624
B2030 - Exterior Doors	Door Assembly - 6 x 7 Storefront	30	125	2018	2048	13,788	11,030
B2030 - Exterior Doors	Door Assembly - 6 x 7 Wood	30	125	2018	2048	15,886	12,709
B30 - Roofing	Gutters and Downspouts - Aluminum	30	125	2010	2040	7,517	6,013

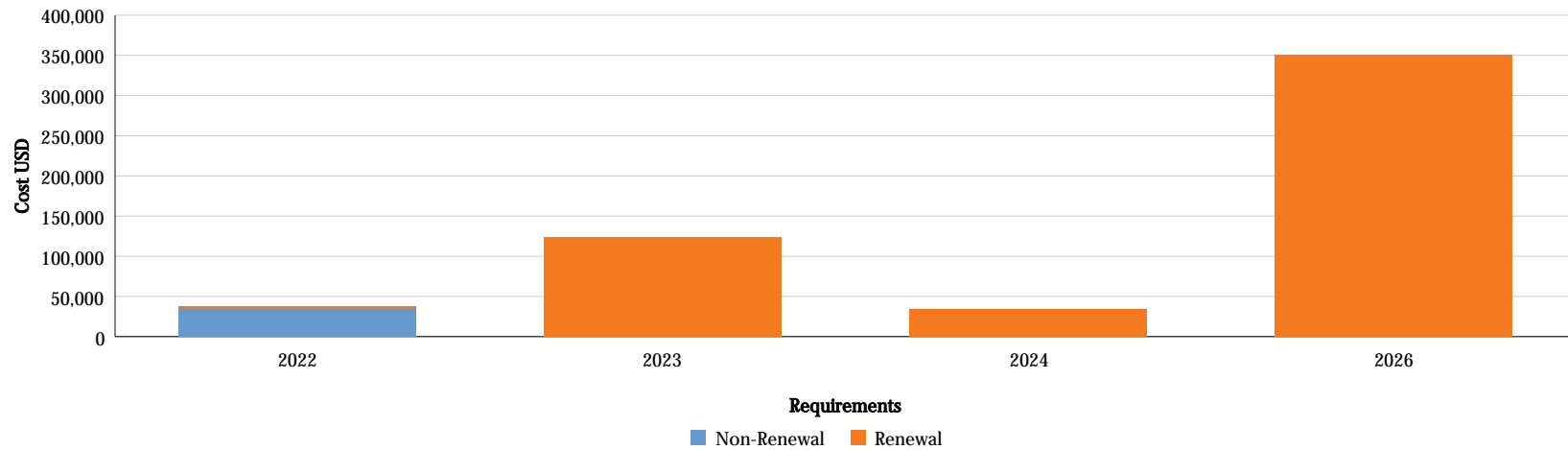
Uniformat	System Name	Lifetime (Years)	% Renew	Year Installed	Next Renewal Year	Renewal Cost	Replacement Cost
B30 - Roofing	Metal Roofing - High End	65	125	2010	2075	542,194	433,755
C1010 - Partitions	GWB Partitions On Furring (Non-Painted)	50	62	1991	2041	3,896	6,234
C1010 - Partitions	GWB Partitions - Standard (Non-Painted)	50	62	1991	2041	164,362	262,980
C1020 - Interior Doors	Swinging Doors - 3 x 7 Wd - NR	50	125	1991	2041	221,888	177,510
C1030 - Fittings	Toilet Partitions	40	125	1991	2031	3,905	3,124
C1030 - Fittings	Restroom Accessories	25	125	2018	2043	28,077	22,462
C1035 - Identifying Devices	Fittings - Signage (Room Numbering and Identification)	10	125	2018	2028	4,418	3,534
C20 - Stairs	Stairs - Wood Framed - Exit	75	38	1935	2031	1,276	3,401
C3010 - Wall Finishes	Painted Finish - (1 Coat Prime - 2 Coats Finish)	10	125	2018	2028	33,000	26,400
C3010 - Wall Finishes	Ceramic Wall Tile	25	125	1991	2026	7,806	6,244
C3010 - Wall Finishes	Wall Covering - Wood Veneer	30	125	2018	2048	11,734	9,387
C3020 - Floor Finishes	Carpeting - Tile - 2011	10	125	2011	2024	8,397	6,718
C3020 - Floor Finishes	Ceramic Tile	25	125	1991	2026	16,775	13,420
C3020 - Floor Finishes	Epoxy Flooring - Interior	25	125	2018	2043	14,771	11,817
C3020 - Floor Finishes	Vinyl Composition Tile - Quality	20	125	1991	2026	979	783
C3020 - Floor Finishes	Stone Floor Tile - Quality - Wood Base	40	125	2018	2058	61,628	49,302
C3020 - Floor Finishes	Carpeting - Tile - 2018	10	125	2018	2028	29,991	23,992
C3030 - Ceiling Finishes	ACT System - Quality	20	125	1991	2026	77,280	61,824
D2010 - Plumbing Fixtures	Kitchenette - Cabinet, Counter and Sink	30	125	2013	2043	6,347	5,077
D2010 - Plumbing Fixtures	Water Coolers - Wall-Mounted	20	125	1993	2023	5,972	4,777
D2010 - Plumbing Fixtures	Custodial/Utility Sinks	30	125	1993	2027	8,486	6,789
D2010 - Plumbing Fixtures	Restroom Fixtures	30	125	1993	2027	28,627	22,902

Uniformat	System Name	Lifetime (Years)	% Renew	Year Installed	Next Renewal Year	Renewal Cost	Replacement Cost
D2020 - Domestic Water Distribution	Water Dist Complete	30	112	1993	2027	27,562	24,609
D2020 - Domestic Water Distribution	Water Heater - Electric	10	112	2011	2024	6,827	6,095
D2030 - Sanitary Waste	Sanitary Waste - Gravity Discharge	50	125	1993	2043	39,420	31,536
D3040 - Distribution Systems	Perimeter Heat - Electric Baseboard	30	112	2013	2043	2,764	2,468
D3040 - Distribution Systems	Ceiling Fan	25	125	2013	2038	799	639
D3050 - Terminal and Package Units	Unit Heaters - Electric	15	112	2013	2028	9,360	8,358
D3050 - Terminal and Package Units	Window AC Units	10	105	2015	2028	3,429	3,266
D3050 - Terminal and Package Units	Heat Pump - Water Source	18	125	2008	2026	234,148	187,319
D40 - Fire Protection	Fire Extinguishers - Dry Chemical	30	105	2021	2051	1,707	1,625
D5012 - Low Tension Service and Dist.	Distribution Equipment, Panelboards, and Feeders - 400A 480Y/277V & 208Y/120V	30	125	1993	2027	65,921	52,737
D5020 - Lighting and Branch Wiring	Lighting - Exterior - HID Wall Packs	20	125	2008	2028	14,359	11,487
D5021 - Branch Wiring Devices	Branch Wiring - Equipment & Devices	30	125	2008	2038	40,443	32,355
D5022 - Lighting Equipment	Lighting Fixtures	20	125	2008	2028	66,917	53,534
D5033 - Telephone Systems	Telephone System	10	106	2013	2027	29,419	27,754
D5037 - Fire Alarm Systems	Fire Alarm System - Devices	10	125	1993	2024	19,085	15,268
D5037 - Fire Alarm Systems	Fire Alarm System - Wiring and Conduit	30	125	1993	2023	9,414	7,531
D5037 - Fire Alarm Systems	Fire Alarm Control Panel	10	125	1993	2023	69,269	55,415
D5038 - Security and Detection Systems	Security System - CCTV - Cameras	10	125	2018	2028	7,723	6,179
D5092 - Emergency Light and Power Systems	Exit / Emergency Light Combo Signs	10	125	2013	2023	865	692
D5092 - Emergency Light and Power Systems	Exit Signs	10	125	2013	2023	8,010	6,408

Uniformat	System Name	Lifetime (Years)	% Renew	Year Installed	Next Renewal Year	Renewal Cost	Replacement Cost
D5092 - Emergency Light and Power Systems	Emergency Battery Pack Lights	10	125	2013	2023	9,119	7,296
E - Equipment and Furnishings	Fixed Casework	25	125	1991	2026	13,848	11,078
G2049 - Miscellaneous Structures	Exterior Deck - Wood - Composite	25	125	2010	2035	23,463	18,770
Subtotal							2,786,938
Overhead:							0
Subtotal							0
Total Replacement Value Based on System Costs with Overheads							2,786,938

Requirements including Renewals

Costs by Requirement Type



Requirement Name	Renewal	Prime System	Category	Priority	Action Date	Estimated Cost
ACT System - Quality Renewal	Yes	C3030 - Ceiling Finishes	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2026	77,280
Carpeting - Tile - 2011 Renewal	Yes	C3020 - Floor Finishes	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2024	8,397
Ceramic Tile Renewal	Yes	C3020 - Floor Finishes	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2026	16,775
Ceramic Wall Tile Renewal	Yes	C3010 - Wall Finishes	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2026	7,806
Emergency Battery Pack Lights Renewal	Yes	D5092 - Emergency Light and Power Systems	Lifecycle	2- Due within 2 Years of Inspection	Apr 26, 2023	9,119
Exit / Emergency Light Combo Signs Renewal	Yes	D5092 - Emergency Light and Power Systems	Lifecycle	2- Due within 2 Years of Inspection	Apr 26, 2023	865
Exit Signs Renewal	Yes	D5092 - Emergency Light and Power Systems	Lifecycle	2- Due within 2 Years of Inspection	Apr 26, 2023	8,010
Fire Alarm Control Panel Renewal	Yes	D5037 - Fire Alarm Systems	Lifecycle	2- Due within 2 Years of Inspection	Apr 26, 2023	69,269
Fire Alarm System - Devices Renewal	Yes	D5037 - Fire Alarm Systems	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2024	19,085
Fire Alarm System - Wiring and Conduit Renewal	Yes	D5037 - Fire Alarm Systems	Lifecycle	2- Due within 2 Years of Inspection	Apr 26, 2023	9,414

Requirement Name	Renewal	Prime System	Category	Priority	Action Date	Estimated Cost
Fixed Casework Renewal	Yes	E - Equipment and Furnishings	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2026	13,848
Fixed Fabric Canopy - Fabric Cover Renewal	Yes	B1023 - Canopies	Lifecycle	1- Due within 1 Year of Inspection	Apr 26, 2022	3,148
Heat Pump - Water Source Renewal	Yes	D3050 - Terminal and Package Units	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2026	234,149
Painted Finish - Exterior Walls/Trim/Soffits Renewal	Yes	B2011 - Exterior Wall Construction	Lifecycle	2- Due within 2 Years of Inspection	Apr 26, 2023	20,813
Stairs - Wall Railings Not Compliant	No	C20 - Stairs	Accessibility	1- Due within 1 Year of Inspection	Apr 26, 2022	3,271
Substructure - Foundation Wall and Footings - Water Seepage	No	A - Substructure	Reliability	1- Due within 1 Year of Inspection	Apr 26, 2022	31,941
Vinyl Composition Tile - Quality Renewal	Yes	C3020 - Floor Finishes	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2026	979
Water Coolers - Wall-Mounted Renewal	Yes	D2010 - Plumbing Fixtures	Lifecycle	2- Due within 2 Years of Inspection	Apr 26, 2023	5,972
Water Heater - Electric Renewal	Yes	D2020 - Domestic Water Distribution	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2024	6,827
Total						546,968



DRAFT

Asset Overview Report

By Asset Name

Region: Richard Bland College of William & Mary

Asset: Patriot Hall

Campus: Buildings

Asset Number: 2

Assets are ordered by Asset Name Currency: USD

Statistics

FCI Cost:	1,913,563	FCI:	0.10
RI Cost:	1,913,563	RI:	0.10
Total Requirement Cost:	1,913,562	Size:	63,319 SF
Current Replacement Value:	19,155,510		

Address 1
City 11301 Johnson Road
Petersburg

Address 2
State/Province/Region -
Virginia

Photo



B10 - Multi-Story - Steel

Asset Description

ARCHITECTURAL

The Patriot Hall Building is located at 11301 Johnson Road, Petersburg, Virginia. This 4-story structure was built in 2008 and has 63,319 SF of space. The building consists of dormitory suites with bathrooms and common areas at each elevator lobby. Per the International Building Code (IBC 2018), the building is classified as Residential Group R, Use Group R-2, and Construction Type I.

STRUCTURE

SUBSTRUCTURE

The substructure consists of cast-in place concrete foundation walls with spread footings, and a cast-in-place concrete slab-on-grade.

SUPERSTRUCTURE

The building superstructure is of structural steel columns, beams, floor, and roof decks.

BUILDING EXTERIOR

EXTERIOR WALLS

The exterior walls consist primarily of brick veneer and EIFS.

EXTERIOR WINDOWS

The windows consist of fixed aluminum units, with insulating glazing.

EXTERIOR DOORS

The exterior doors consist of metal service units set in metal frames and storefront style units set in aluminum frames.

ROOFING

The roofing assemblies are flat and appear to be consisted of a single-ply membrane roofing system or an asphalt shingle system with small sections of metal roofing at the dormers.

BUILDING INTERIOR

PARTITIONS

Interior walls consist primarily of painted gypsum walls board or CMU block walls.

INTERIOR DOORS

Interior doors consist primarily of wood units set in metal frames, with lever-type hardware. Additional interior doors consist of metal units set in metal frames or glazed units set in aluminum frames and lever-type hardware.

WALL FINISHES

Interior wall finishes consist primarily of painted gypsum board.

FLOOR FINISHES

The floor finishes are primarily of carpet and vinyl composition tile with some older sheet vinyl flooring at restrooms and bathrooms. The main corridor on each floor have primarily carpet and ceramic tile at the elevator lobby.

CEILING FINISHES

The ceilings consist primarily of painted gypsum and acoustical tile in a suspension grid system.

MECHANICAL

HVAC

The HVAC system consists primarily of three packaged rooftop air conditioning units. Additionally, each suite is equipped with an air handler supported by a roof mounted remote heat pump condensing unit. Ventilation is provided by three rooftop exhaust fans. Supplemental heating is provided by electric unit heaters in the stairwells.

CONTROLS

The HVAC equipment is controlled by electric wall thermostats.

PLUMBING

Domestic water is provided by the utility to the building via copper piping. Water is distributed through the building by copper piping to restroom, custodial and kitchen fixtures, and sanitary waste is conveyed from the building by PVC piping. Water coolers are located on the first floor.

CONVEYANCE

The building is equipped with a passenger hydraulic elevator with a capacity of 2,500 lbs. That serves 4 floors.

FIRE PROTECTION

Fire protection is provided by a wet pipe fire sprinkler system and hand held fire extinguishers.

ELECTRICAL

MAIN ELECTRICAL SERVICE AND DISTRIBUTION

The building received power from an underground feeder to a 2500 Amp main distribution panels and then via branch wiring to outlets and lighting throughout the building. Sub-panels are also located in each suite.

LIGHTING

The Lighting systems consist of surface mounted T-8 and compact fluorescent and incandescent light fixtures.

EMERGENCY LIGHTING AND POWER

Emergency power is fed from the generator at Freedom Hall. The building is also equipped with illuminated exit signs.

FIRE ALARM SYSTEMS

The building is equipped with a zone type fire alarm system.

COMMUNICATIONS & SECURITY

Communication equipment is provided by a wired and wireless LAN system and VOIP telephone system.

Security systems include remotely monitored CCTV cameras.

Asset Replacement Value Based on System Costs with Overheads

Uniformat	System Name	Lifetime (Years)	% Renew	Year Installed	Next Renewal Year	Renewal Cost	Replacement Cost
A - Substructure	Structural Slab on Grade - Non-Industrial - 4-In.	75	6	2008	2083	10,878	174,051
A - Substructure	Foundation Wall and Footings - No Basement	75	6	2008	2083	8,336	138,926
B10 - Superstructure	Multi-Story - Steel	75	6	2008	2083	200,327	3,205,239
B10 - Superstructure	Fireproofing - Fiber Encasement	75	125	2008	2083	443,407	354,726
B2010 - Exterior Walls	Metal Paneled - Soffit	60	125	2008	2068	150,964	120,771
B2010 - Exterior Walls	EIFS Veneer Walls - Metal Stud Backup	60	12	2008	2068	20,966	174,714
B2010 - Exterior Walls	Brick Veneer Walls - Metal Stud Backup	75	12	2008	2083	90,919	757,659
B2020 - Exterior Windows	Aluminum Windows	30	125	2008	2038	782,430	625,944
B2030 - Exterior Doors	Door Assembly - 3 x 7 Storefront	30	125	2008	2038	16,934	13,548
B2030 - Exterior Doors	Door Assembly - 3 x 7 HM	30	125	2008	2038	31,169	24,935
B2030 - Exterior Doors	Door Assembly - 6 x 7 Storefront	30	125	2008	2038	13,788	11,030

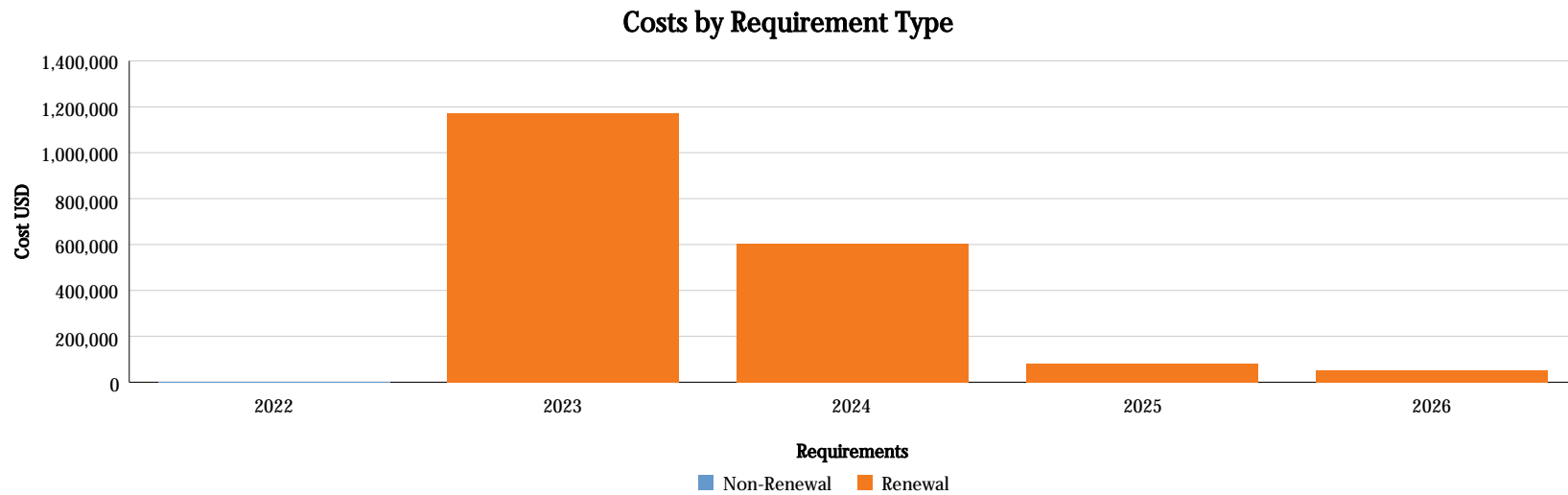
Uniformat	System Name	Lifetime (Years)	% Renew	Year Installed	Next Renewal Year	Renewal Cost	Replacement Cost
B30 - Roofing	Single-Ply Membrane - Fully Adhered	25	125	2008	2033	66,357	53,086
B30 - Roofing	Metal Roofing - High End	65	125	2008	2073	30,982	24,786
B30 - Roofing	Asphalt Shingled Roofing	20	125	2008	2028	130,502	104,402
B30 - Roofing	Gutters and Downspouts - Aluminum	30	125	2008	2038	10,022	8,018
B3022 - Roof Hatches	Roof Hatch	40	125	2008	2048	7,259	5,807
C1010 - Partitions	CMU Block Walls - Plain	50	62	2008	2058	131,527	212,140
C1010 - Partitions	GWB Partitions - Standard (Non-Painted)	50	62	2008	2058	1,214,456	1,943,130
C1010 - Partitions	GWB Partitions On Furring (Non-Painted)	50	62	2008	2058	35,310	56,496
C1020 - Interior Doors	Swinging Doors - 3 x 7 HM - NR	50	125	2008	2058	261,351	209,080
C1020 - Interior Doors	Swinging Doors - Pair - 6 x 7 HM - NR	50	125	2008	2058	25,212	20,170
C1020 - Interior Doors	Swinging Doors - Pair - 6 x 7 Wd - NR	50	125	2008	2058	46,186	36,949
C1020 - Interior Doors	Swinging Doors - 3 x 7 Wd - NR	50	125	2008	2058	1,770,918	1,416,734
C1020 - Interior Doors	Swinging Doors - 3 x 7 Storefront	50	125	2008	2058	16,934	13,548
C1030 - Fittings	Restroom Accessories	25	125	2008	2033	112,308	89,846
C1035 - Identifying Devices	Fittings - Signage (Room Numbering and Identification)	10	125	2008	2026	31,219	24,975
C20 - Stairs	Stairs - Exit	75	38	2008	2083	47,265	126,040
C2021 - Stair, Tread, and Landing Finishes	Rubber Treads - Stairs	15	125	2008	2026	21,557	17,246
C3010 - Wall Finishes	Painted Finish - (1 Coat Prime - 2 Coats Finish)	10	125	2018	2028	301,950	241,560
C3020 - Floor Finishes	Vinyl Sheet Goods - Quality	12	125	2008	2024	69,202	55,361
C3020 - Floor Finishes	Carpeting - Broadloom - Medium Range	10	125	2008	2024	215,775	172,620
C3020 - Floor Finishes	Vinyl Composition Tile - Quality - 2008	20	125	2008	2028	99,343	79,474
C3020 - Floor Finishes	Ceramic Tile	25	125	2008	2033	33,550	26,840

Uniformat	System Name	Lifetime (Years)	% Renew	Year Installed	Next Renewal Year	Renewal Cost	Replacement Cost
C3020 - Floor Finishes	Carpeting - Tile - 2018-20	10	125	2018	2028	83,974	67,179
C3020 - Floor Finishes	Vinyl Composition Tile - Quality - 2018-20	20	125	2018	2038	68,512	54,810
C3030 - Ceiling Finishes	GWB Taped and Finished	30	125	2008	2038	411,075	328,860
C3030 - Ceiling Finishes	ACT System - Quality	20	125	2008	2028	81,938	65,550
D1010 - Elevators and Lifts	Hydraulic Passenger Elevator	35	125	2008	2043	263,728	210,982
D2010 - Plumbing Fixtures	Custodial/Utility Sinks	30	125	2008	2038	9,938	7,951
D2010 - Plumbing Fixtures	Kitchenette - Cabinet, Counter and Sink	30	125	2008	2038	216,386	173,109
D2010 - Plumbing Fixtures	Restroom Fixtures	30	125	2014	2044	1,216,841	973,473
D2010 - Plumbing Fixtures	Water Coolers - Wall-Mounted	20	125	2008	2028	4,093	3,274
D2020 - Domestic Water Distribution	Water Dist Complete	30	112	2008	2038	358,769	320,329
D2020 - Domestic Water Distribution	Pressure Booster Pump - Duplex 7.5 HP	15	112	2008	2023	93,044	83,075
D2020 - Domestic Water Distribution	Water Heater - Elec - 52 Gal	10	112	2008	2023	252,587	225,524
D2020 - Domestic Water Distribution	Water Heater - Electric - Point of Use	10	112	2008	2023	1,022	913
D2020 - Domestic Water Distribution	Water Heater - Elec - Residential - 10 Gal	10	112	2008	2023	14,575	13,013
D2030 - Sanitary Waste	Sanitary Waste - Gravity Discharge	50	125	2008	2058	278,576	222,861
D2040 - Rain Water Drainage	Roof Drainage - Gravity	50	125	2008	2058	217,086	173,669
D3030 - Cooling Generating Systems	Heat Pump DX Condensing Unit - 2 Ton	15	125	2008	2023	178,225	142,580
D3030 - Cooling Generating Systems	Heat Pump DX Condensing Unit - 3 1/2 Ton	15	125	2008	2023	27,109	21,687
D3030 - Cooling Generating Systems	Heat Pump DX Condensing Unit - 3 Ton	15	125	2008	2023	18,451	14,761
D3040 - Distribution Systems	Exhaust System - Roof Fan - Medium	20	125	2008	2028	18,723	14,979
D3040 - Distribution Systems	Central AHU - Const Volume w/Distribution	25	125	2008	2033	1,986,655	1,589,324
D3040 - Distribution Systems	HVAC Distribution Ductwork	25	125	2008	2033	1,186,919	949,535
D3050 - Terminal and Package Units	Split DX AC - 2018	15	125	2018	2033	7,991	6,393

Uniformat	System Name	Lifetime (Years)	% Renew	Year Installed	Next Renewal Year	Renewal Cost	Replacement Cost
D3050 - Terminal and Package Units	Rooftop Unitary AC - Cooling Only - 2008	15	125	2012	2027	26,687	21,349
D3050 - Terminal and Package Units	Rooftop Unitary AC - Cooling Only - 2012 - RTU-3	15	125	2012	2027	57,884	46,307
D3050 - Terminal and Package Units	Rooftop Unitary AC - Cooling Only - 2012 - RTU-1	15	125	2012	2027	27,188	21,751
D3050 - Terminal and Package Units	Split DX AC - 2008	15	125	2008	2023	7,127	5,701
D3050 - Terminal and Package Units	Unit Heaters - Electric	15	112	2008	2023	10,188	9,097
D3060 - Controls and Instrumentation	Electric Controls	20	125	2008	2028	159,447	127,558
D40 - Fire Protection	Fire Extinguishers - Dry Chemical	30	105	2021	2051	2,560	2,438
D40 - Fire Protection	Wet Sprinkler System - Light Hazard w/Pump	35	125	2008	2043	736,927	589,542
D5012 - Low Tension Service and Dist.	Distribution Equipment, Panelboards, and Feeders - 2500A 208Y/120V	30	125	2008	2038	523,850	419,080
D5020 - Lighting and Branch Wiring	Lighting - Exterior - CFL Fixtures	20	125	2008	2028	8,575	6,860
D5021 - Branch Wiring Devices	Branch Wiring - Equipment & Devices	30	125	2008	2038	285,808	228,646
D5022 - Lighting Equipment	Lighting Fixtures	20	125	2008	2028	345,231	276,185
D5032 - Intercommunication and Paging System	Emergency Alert Box System	10	125	2014	2024	8,564	6,851
D5033 - Telephone Systems	Telephone System	10	106	2008	2024	311,848	294,196
D5037 - Fire Alarm Systems	Fire Alarm System - Devices	10	125	2008	2023	134,871	107,897
D5037 - Fire Alarm Systems	Fire Alarm System - Wiring and Conduit	30	125	2008	2038	66,524	53,219
D5037 - Fire Alarm Systems	Fire Alarm Control Panel	10	125	2008	2023	69,269	55,415
D5038 - Security and Detection Systems	Security System - CCTV - Cameras	10	125	2018	2028	26,897	21,518
D5038 - Security and Detection Systems	Security System - Card Access System	10	125	2015	2025	80,831	64,665
D5039 - Local Area Networks	LAN System	15	106	2008	2023	354,887	334,799

Uniformat	System Name	Lifetime (Years)	% Renew	Year Installed	Next Renewal Year	Renewal Cost	Replacement Cost
D5092 - Emergency Light and Power Systems	Exit Signs	10	125	2008	2023	10,012	8,010
E - Equipment and Furnishings	Mailboxes - Average - Fixed	30	125	2008	2038	27,292	21,834
E - Equipment and Furnishings	Fixed Casework - Average	25	125	2008	2033	276,956	221,565
E10 - Equipment	Roof Access Ladder - Ship Ladder	50	105	2008	2058	4,940	4,705
G4021 - Fixtures and Transformers	Lighting Fixtures - Exterior - Landscape Bollard	20	125	2008	2028	3,299	2,639
Subtotal							19,155,510
Overhead:							0
Subtotal							0
Total Replacement Value Based on System Costs with Overheads							19,155,510

Requirements including Renewals



Requirement Name	Renewal	Prime System	Category	Priority	Action Date	Estimated Cost
ADAAG - Interior Stairs - handrails - Not Compliant	No	C20 - Stairs	Accessibility	1- Due within 1 Year of Inspection	Apr 26, 2022	3,199
Carpeting - Broadloom - Medium Range Renewal	Yes	C3020 - Floor Finishes	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2024	215,775
Emergency Alert Box System Renewal	Yes	D5032 - Intercommunication and Paging System	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2024	8,564
Exit Signs Renewal	Yes	D5092 - Emergency Light and Power Systems	Lifecycle	2- Due within 2 Years of Inspection	Apr 26, 2023	10,012
Fire Alarm Control Panel Renewal	Yes	D5037 - Fire Alarm Systems	Lifecycle	2- Due within 2 Years of Inspection	Apr 26, 2023	69,269
Fire Alarm System - Devices Renewal	Yes	D5037 - Fire Alarm Systems	Lifecycle	2- Due within 2 Years of Inspection	Apr 26, 2023	134,871
Fittings - Signage (Room Numbering and Identification) Renewal	Yes	C1035 - Identifying Devices	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2026	31,219
Heat Pump DX Condensing Unit - 2 Ton Renewal	Yes	D3030 - Cooling Generating Systems	Lifecycle	2- Due within 2 Years of Inspection	Apr 26, 2023	178,225

Requirement Name	Renewal	Prime System	Category	Priority	Action Date	Estimated Cost
Heat Pump DX Condensing Unit - 3 1/2 Ton Renewal	Yes	D3030 - Cooling Generating Systems	Lifecycle	2- Due within 2 Years of Inspection	Apr 26, 2023	27,109
Heat Pump DX Condensing Unit - 3 Ton Renewal	Yes	D3030 - Cooling Generating Systems	Lifecycle	2- Due within 2 Years of Inspection	Apr 26, 2023	18,451
LAN System Renewal	Yes	D5039 - Local Area Networks	Lifecycle	2- Due within 2 Years of Inspection	Apr 26, 2023	354,887
Pressure Booster Pump - Duplex 7.5 HP Renewal	Yes	D2020 - Domestic Water Distribution	Lifecycle	2- Due within 2 Years of Inspection	Apr 26, 2023	93,044
Rubber Treads - Stairs Renewal	Yes	C2021 - Stair, Tread, and Landing Finishes	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2026	21,557
Security System - Card Access System Renewal	Yes	D5038 - Security and Detection Systems	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2025	80,831
Split DX AC - 2008 Renewal	Yes	D3050 - Terminal and Package Units	Lifecycle	2- Due within 2 Years of Inspection	Apr 26, 2023	7,127
Telephone System Renewal	Yes	D5033 - Telephone Systems	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2024	311,848
Unit Heaters - Electric Renewal	Yes	D3050 - Terminal and Package Units	Lifecycle	2- Due within 2 Years of Inspection	Apr 26, 2023	10,188
Vinyl Sheet Goods - Quality Renewal	Yes	C3020 - Floor Finishes	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2024	69,202
Water Heater - Elec - 52 Gal Renewal	Yes	D2020 - Domestic Water Distribution	Lifecycle	2- Due within 2 Years of Inspection	Apr 26, 2023	252,587
Water Heater - Elec - Residential - 10 Gal Renewal	Yes	D2020 - Domestic Water Distribution	Lifecycle	2- Due within 2 Years of Inspection	Apr 26, 2023	14,575
Water Heater - Electric - Point of Use Renewal	Yes	D2020 - Domestic Water Distribution	Lifecycle	2- Due within 2 Years of Inspection	Apr 26, 2023	1,022
Total						1,913,562



DRAFT

Asset Overview Report *By Asset Name*

Region: Richard Bland College of William & Mary

Asset: President's Residence

Campus: Buildings

Asset Number: 18

Assets are ordered by Asset Name Currency: USD

Statistics

FCI Cost:	144,280	FCI:	0.14
RI Cost:	144,280	RI:	0.14
Total Requirement Cost:	144,279	Size:	2,890 SF
Current Replacement Value:	1,052,907		

Address 1
City 11301 Johnson Road
Petersburg

Address 2
State/Province/Region -
Virginia

Photo



B10 - Multi-Story - Wood Frame - 1925

Asset Description

ARCHITECTURAL

The President's Residence is located at 11301 Johnson Road, Petersburg, Virginia. This two story wood structure was built in 1925 and has 2,890 SF of space. An addition was added to the back of the residence in 2007. The building consists of bedrooms, living room, kitchen, bathrooms, great room, and a laundry room. Per the International Building Code (IBC 2018), the building is classified as Residential, Use Group R, and Construction Type II.

STRUCTURE

SUBSTRUCTURE

The substructure consists of a brick and cast in-place concrete foundation walls with spread footings, and a cast-in-place concrete slab-on-grade as well as a crawl space at the addition.

SUPERSTRUCTURE

The building superstructure is a wood framed building with wood framed beams and roof deck.

BUILDING EXTERIOR

EXTERIOR WALLS

The exterior walls are vinyl siding.

EXTERIOR WINDOWS

The windows consist of double hung vinyl units, with insulating glazing.

EXTERIOR DOORS

The exterior doors consist of wood units set in wood frames.

ROOFING

The roofing assembly is a sloped metal roof.

BUILDING INTERIOR

PARTITIONS

Interior walls consist primarily of painted plaster.

INTERIOR DOORS

Interior doors consist of wood in a wood frames, with knob-type hardware.

WALL FINISHES

Interior wall finishes consist primarily of painted plaster.

FLOOR FINISHES

The floor finishes are primarily wood with some carpet and ceramic tile.

CEILING FINISHES

The ceilings consist of painted plaster with some gypsum wall board at the addition.

MECHANICAL

HVAC

The HVAC system consists primarily of air handlers with AC coils supported by remote DX AC condensers. Heating is provided by gas fired boiler with a perimeter hydronic heating system utilizing the original cast iron radiators repurposed for hot water heating. Supplemental heating is provided by wall mounted electric unit heaters and electric baseboard heaters in the new addition. Ventilation is provided by ceiling mounted restroom exhaust fans.

CONTROLS

The HVAC equipment is controlled by direct thermostats.

PLUMBING

Domestic water is provided by the utility to the building via copper piping. Water is distributed through the building by copper piping to restroom fixtures and kitchen fixtures, and sanitary waste is conveyed from the building by cast iron piping.

CONVEYANCE

N/A.

FIRE PROTECTION

Fire protection is provided by hand held fire extinguishers.

ELECTRICAL

MAIN ELECTRICAL SERVICE AND DISTRIBUTION

The building received power from an underground feeder to a main distribution panels and then via branch wiring to outlets and lighting throughout the building.

LIGHTING

The Lighting systems consist of surface mounted compact fluorescent and incandescent light fixtures.

EMERGENCY LIGHTING AND POWER

Emergency power is produced by a natural gas emergency generator.

FIRE ALARM SYSTEMS

N/A

COMMUNICATIONS & SECURITY

Communication equipment is provided by a wired and wireless LAN system and a wired telephone system.

Asset Replacement Value Based on System Costs with Overheads

Uniformat	System Name	Lifetime (Years)	% Renew	Year Installed	Next Renewal Year	Renewal Cost	Replacement Cost
A - Substructure	Structural Slab on Grade - Basement Floor	75	6	1925	2031	396	6,597
A - Substructure	Foundation Wall and Footings - No Basement - Brick	75	6	1925	2031	4,809	76,947
B10 - Superstructure	Single-Story - Wood - Crawl Space-Basement - 2007	75	6	2007	2082	832	13,320
B10 - Superstructure	Multi-Story - Wood Frame - 1925	75	6	1925	2031	4,606	76,767
B10 - Superstructure	Wood Porch - Front	25	125	1925	2031	26,459	21,167
B10 - Superstructure	Brick Chimney	50	105	1925	2031	14,284	13,604
B1015 - Exterior Stairs and Fire Escapes	Exterior Stairs - Wood	20	112	1925	2031	3,810	3,401
B2010 - Exterior Walls	Vinyl Siding	40	12	2007	2047	5,198	41,580
B2011 - Exterior Wall Construction	Painted Finish - Deck/Trim	15	125	2014	2029	3,300	2,640
B2020 - Exterior Windows	Windows - Vinyl	30	125	2014	2044	3,881	3,104
B2030 - Exterior Doors	Door Assembly - 3 x 7 Wood - 1925	30	125	1925	2031	12,932	10,346
B2030 - Exterior Doors	Door Assembly - 3 x 7 - Screen Door	30	125	2007	2037	1,939	1,551
B30 - Roofing	Gutters and Downspouts - Aluminum	25	125	2014	2039	3,221	2,577
B30 - Roofing	Metal Roofing - High End	65	125	2014	2079	180,731	144,585
C1010 - Partitions	Plaster On Furring (Non-Painted)	50	62	1925	2031	10,140	16,224

Uniformat	System Name	Lifetime (Years)	% Renew	Year Installed	Next Renewal Year	Renewal Cost	Replacement Cost
C1010 - Partitions	Plaster Partitions - Standard (Non-Painted)	50	62	1925	2031	51,439	82,302
C1020 - Interior Doors	Wood Interior Doors - Residential - 1925	50	125	1925	2031	30,442	24,354
C1020 - Interior Doors	Wood Interior Doors - Residential - 2007	50	125	2007	2057	3,805	3,044
C20 - Stairs	Stairs - Wood - Residential	75	37	1925	2031	1,425	3,852
C3010 - Wall Finishes	Painted Finish	10	125	2018	2028	13,200	10,560
C3010 - Wall Finishes	Ceramic Wall Tile	25	125	1925	2026	3,300	2,640
C3020 - Floor Finishes	Ceramic Floor Tile - 1925	25	125	1925	2026	1,968	1,575
C3020 - Floor Finishes	Wood Flooring	25	125	1925	2026	67,617	54,094
C3020 - Floor Finishes	Carpeting - Broadloom	10	125	2007	2024	2,243	1,795
C3020 - Floor Finishes	Ceramic Floor Tile - 2007	25	125	2007	2032	2,460	1,968
C3030 - Ceiling Finishes	GWB Taped and Finished	30	125	2007	2037	5,709	4,568
C3030 - Ceiling Finishes	Painted Plaster Ceilings	30	125	1925	2031	27,245	21,796
D2010 - Plumbing Fixtures	Kitchen - Cabinet, Counter and Sink	30	125	2012	2042	5,848	4,679
D2010 - Plumbing Fixtures	Restroom Fixtures, Tiled Individual Shower	30	125	2012	2042	10,391	8,313
D2010 - Plumbing Fixtures	Restroom Fixtures	30	125	1994	2027	32,028	25,622
D2020 - Domestic Water Distribution	Water Dist Complete	30	112	2012	2042	8,890	7,938
D2020 - Domestic Water Distribution	Water Heater - Elec - Residential - 50 Gal	10	112	2016	2026	6,827	6,095
D2030 - Sanitary Waste	Sanitary Waste - Gravity Discharge	50	125	1925	2027	12,715	10,172
D3012 - Gas Supply System	Natural Gas Service to Bldg - 1" Feed	40	125	2008	2048	3,114	2,491
D3020 - Heat Generating Systems	Boiler HW - Gas-Fired	30	125	2010	2040	32,515	26,012
D3030 - Cooling Generating Systems	DX Condensing Unit - 2 1/2 Ton - 2007	15	125	2007	2023	4,113	3,290
D3030 - Cooling Generating Systems	DX Condensing Unit - 2 Ton - 2014	15	125	2014	2029	8,226	6,581
D3040 - Distribution Systems	Perimeter Heat - Electric Baseboard	30	112	2008	2038	2,764	2,468

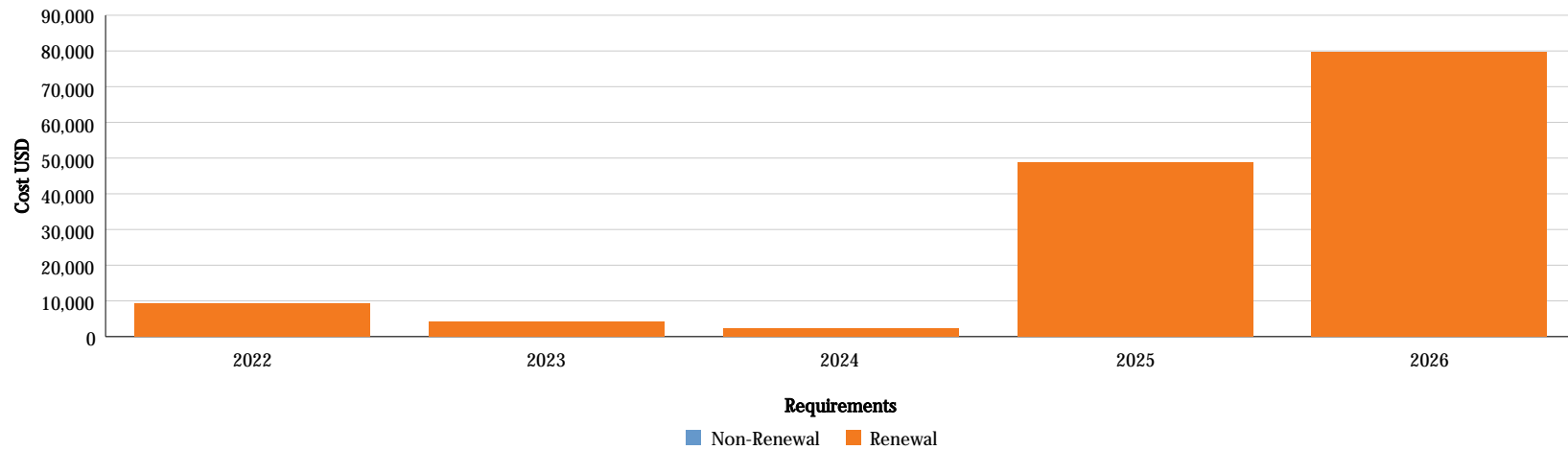
Uniformat	System Name	Lifetime (Years)	% Renew	Year Installed	Next Renewal Year	Renewal Cost	Replacement Cost
D3040 - Distribution Systems	HVAC Distribution Ductwork	25	125	2007	2032	54,173	43,339
D3040 - Distribution Systems	Exhaust System - Restroom Ceiling Fan	20	125	2012	2032	773	619
D3040 - Distribution Systems	Perimeter Heat System - Hydronic Radiators	18	112	1925	2027	36,178	32,302
D3040 - Distribution Systems	Ventilation System - Ceiling Fans	15	125	2012	2027	6,399	5,120
D3040 - Distribution Systems	Central AHU - Const Volume w/Distribution - 2016	25	125	2016	2041	45,151	36,121
D3040 - Distribution Systems	Central AHU - Const Volume w/Distribution - 2008	25	125	2008	2033	90,303	72,242
D3050 - Terminal and Package Units	Unit Heaters - Electric	15	112	1950	2022	9,360	8,358
D3060 - Controls and Instrumentation	Electric Controls	20	125	2016	2036	7,277	5,822
D40 - Fire Protection	Fire Extinguishers - Dry Chemical	30	105	2021	2051	171	163
D5012 - Low Tension Service and Dist.	Main Electrical Service - 200A 208Y/120V + Distribution	30	125	1995	2025	35,806	28,645
D5020 - Lighting and Branch Wiring	Lighting - Exterior - Incandescent and CFL Fixtures	20	125	2008	2028	3,062	2,450
D5021 - Branch Wiring Devices	Branch Wiring - Equipment & Devices	30	125	1995	2025	13,045	10,436
D5022 - Lighting Equipment	Lighting Fixtures	20	125	2008	2028	11,262	9,009
D5033 - Telephone Systems	Telephone System	10	106	2012	2027	9,489	8,952
D5039 - Local Area Networks	LAN System	15	106	2015	2030	16,198	15,281
D5092 - Emergency Light and Power Systems	Emergency Generator	20	125	2008	2028	26,217	20,973
E10 - Equipment	Folding Attic Access Steps	50	105	2007	2057	2,583	2,460
Subtotal							1,052,907

Overhead:	0
Subtotal	0

Total Replacement Value Based on System Costs with Overheads	1,052,907
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Requirements including Renewals

Costs by Requirement Type



Requirement Name	Renewal	Prime System	Category	Priority	Action Date	Estimated Cost
Branch Wiring - Equipment & Devices Renewal	Yes	D5021 - Branch Wiring Devices	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2025	13,045
Carpeting - Broadloom Renewal	Yes	C3020 - Floor Finishes	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2024	2,243
Ceramic Floor Tile - 1925 Renewal	Yes	C3020 - Floor Finishes	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2026	1,968
Ceramic Wall Tile Renewal	Yes	C3010 - Wall Finishes	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2026	3,300
DX Condensing Unit - 2 1/2 Ton - 2007 Renewal	Yes	D3030 - Cooling Generating Systems	Lifecycle	2- Due within 2 Years of Inspection	Apr 26, 2023	4,113
Main Electrical Service - 200A 208Y/120V + Distribution Renewal	Yes	D5012 - Low Tension Service and Dist.	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2025	35,806
Unit Heaters - Electric Renewal	Yes	D3050 - Terminal and Package Units	Lifecycle	1- Due within 1 Year of Inspection	Apr 26, 2022	9,360
Water Heater - Elec - Residential - 50 Gal Renewal	Yes	D2020 - Domestic Water Distribution	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2026	6,827
Wood Flooring Renewal	Yes	C3020 - Floor Finishes	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2026	67,617
Total						144,279



DRAFT

Asset Overview Report *By Asset Name*

Region: Richard Bland College of William & Mary
Asset: Statesman Hall
Campus: Buildings **Asset Number:** 3

Assets are ordered by Asset Name **Currency:** USD

Statistics

FCI Cost:	4,508,500	FCI:	0.35
RI Cost:	4,533,499	RI:	0.35
Total Requirement Cost:	4,508,505	Size:	33,620 SF
Current Replacement Value:	13,009,246		

Address 1	11301 Johnson Road	Address 2	-
City	Petersburg	State/Province/Region	Virginia

Photo



B10 - High Bay - Steel Frame with Composite Steel Roof Deck - Gymnasium Court

Asset Description

ARCHITECTURAL

The Statesman Hall Building is located at 11301 Johnson Road, Petersburg, Virginia. This 2-story structure was built in 1971 and has 33,620 SF of space. The building consists of a gymnasium and locker rooms with accompanying offices. Per the International Building Code (IBC 2018), the building is classified as Assembly A-3, and Construction Type I.

STRUCTURE

SUBSTRUCTURE

The substructure consists of cast-in place concrete foundation walls with spread footings, and a cast-in-place concrete slab-on-grade.

SUPERSTRUCTURE

The building superstructure is of structural steel columns, beams, floor, and roof decks as well as a long span steel structure..

BUILDING EXTERIOR

EXTERIOR WALLS

The exterior walls consist primarily of brick veneer walls.

EXTERIOR WINDOWS

The windows consist of fixed aluminum units, with insulating glazing.

EXTERIOR DOORS

The exterior doors consist of metal service units set in metal frames and storefront style units set in aluminum frames.

ROOFING

The roofing assemblies are flat and appear to be consisted of a single-ply membrane roofing system or a slate tile roofing system at the mansard roof.

BUILDING INTERIOR

PARTITIONS

Interior walls consist primarily of painted gypsum walls board or CMU block walls.

INTERIOR DOORS

Interior doors consist primarily of wood units set in metal frames, with lever-type hardware. Additional interior doors consist of metal units set in metal frames or glazed units set in aluminum frames and lever-type hardware.

WALL FINISHES

Interior wall finishes consist primarily of painted gypsum board.

FLOOR FINISHES

The floor finishes are primarily of wood athletic flooring, carpet and vinyl composition tile, ceramic tile, and epoxy.

CEILING FINISHES

The ceilings consist primarily of painted gypsum and acoustical tile in a suspension grid system.

MECHANICAL

HVAC

The HVAC system consists primarily of air handlers supported by an air cooled chiller and gas fired hot water boilers. Additionally, the building is heated and cooled by roof mounted packages AC units and heat pumps with air cooled condensing units. Ventilation is provided by roof mounted exhaust fans. Supplemental heating is provided by perimeter finned tube hydronic heating units and hot water fan coil units.

CONTROLS

The HVAC equipment is controlled by a hybrid DDC / pneumatic control system.

PLUMBING

Domestic water is provided by the utility to the building via copper piping. Water is distributed through the building by copper piping to restroom fixtures, custodial fixtures, water coolers and kitchenette. Sanitary waste is conveyed from the building by cast iron piping.

CONVEYANCE

The building is equipped with a hydraulic passenger elevator with a capacity of 2,000 lbs. That serves two floors.

FIRE PROTECTION

Fire protection is provided by hand held fire extinguishers.

ELECTRICAL

MAIN ELECTRICAL SERVICE AND DISTRIBUTION

The building received power from an underground feeder to a 1000 Amp main distribution panels and then via branch wiring to outlets and lighting throughout the building.

LIGHTING

The Lighting systems consist of surface and flush mounted T-8 and compact fluorescent and incandescent light fixtures. Exterior light fixtures are a combination of metal halide and CFL fixtures.

EMERGENCY LIGHTING AND POWER

The building is equipped with illuminated exit signs and emergency egress wall pack fixtures with battery back up.

FIRE ALARM SYSTEMS

The building is equipped with a fire alarm panel with remote devices throughout the building.

COMMUNICATIONS & SECURITY

Communication equipment is provided by a wired and wireless LAN system and VOIP telephone system.

----- Added by another team member: -----

MECHANICAL

HVAC

The HVAC system consists primarily of air handlers supported by an air cooled chiller and gas fired hot water boilers. Additionally, the building is heated and cooled by roof mounted packages AC units and heat pumps with air cooled condensing units. Ventilation is provided by roof mounted exhaust fans. Supplemental heating is provided by perimeter finned tube hydronic heating units and hot water fan coil units.

CONTROLS

The HVAC equipment is controlled by a hybrid DDC / pneumatic control system.

PLUMBING

Domestic water is provided by the utility to the building via copper piping. Water is distributed through the building by copper piping to restroom fixtures, custodial fixtures, water coolers and kitchenette. Sanitary waste is conveyed from the building by cast iron piping.

CONVEYANCE

The building is equipped with a hydraulic passenger elevator with a capacity of 2,000 lbs. That serves two floors.

FIRE PROTECTION

Fire protection is provided by hand held fire extinguishers.

ELECTRICAL

MAIN ELECTRICAL SERVICE AND DISTRIBUTION

The building received power from an underground feeder to a 1000 Amp main distribution panels and then via branch wiring to outlets and lighting throughout the building.

LIGHTING

The Lighting systems consist of surface and flush mounted T-8 and compact fluorescent and incandescent light fixtures. Exterior light fixtures are a combination of metal halide and CFL fixtures.

EMERGENCY LIGHTING AND POWER

The building is equipped with illuminated exit signs and emergency egress wall pack fixtures with battery back up.

FIRE ALARM SYSTEMS

The building is equipped with a fire alarm panel with remote devices throughout the building.

COMMUNICATIONS & SECURITY

Communication equipment is provided by a wired and wireless LAN system and VOIP telephone system.

----- Added by another team member: -----

ARCHITECTURAL

The Statesman Hall Building is located at 11301 Johnson Road, Petersburg, Virginia. This 2-story structure was built in 1971 and has 33,620 SF of space. The building consists of a gymnasium, weight room, and restrooms and locker rooms. Per the International Building Code (IBC 2018), the building is classified as Assembly Group A, Use Group A4, and Construction Type I.

STRUCTURE

SUBSTRUCTURE

The substructure consists of cast-in place concrete foundation walls with spread footings, and a cast-in-place concrete slab-on-grade.

SUPERSTRUCTURE

The building superstructure is of structural steel columns, beams, floor, and roof decks as well as long span steel structure at the gymnasium.

BUILDING EXTERIOR

EXTERIOR WALLS

The exterior walls consist primarily of brick veneer.

EXTERIOR WINDOWS

The windows consist of fixed aluminum units, with insulating glazing.

EXTERIOR DOORS

The exterior doors consist of metal service units set in metal frames and storefront style units set in aluminum frames.

ROOFING

The roofing assemblies are flat and appear to be consisted of a single-ply membrane roofing system with a gravel ballast and a slate mansard roof.

BUILDING INTERIOR

PARTITIONS

Interior walls consist primarily of painted gypsum walls board or CMU block walls.

INTERIOR DOORS

Interior doors consist primarily of wood units set in metal frames, with lever-type hardware. Additional interior doors consist of metal units set in metal frames or glazed units set in aluminum frames, with pull handles and lever-type hardware.

WALL FINISHES

Interior wall finishes consist primarily of painted gypsum board.

FLOOR FINISHES

The floor finishes are primarily of wood flooring, carpet, vinyl composition tile with some older terrazzo flooring and epoxy and ceramic tile.

CEILING FINISHES

The ceilings consist primarily of painted gypsum and acoustical tile in a suspension grid system.

Asset Replacement Value Based on System Costs with Overheads

Uniformat	System Name	Lifetime (Years)	% Renew	Year Installed	Next Renewal Year	Renewal Cost	Replacement Cost
A - Substructure	Structural Slab on Grade - Non-Industrial - 4-In.	75	6	1971	2046	17,503	280,043
A - Substructure	Foundation Wall and Footings - No Basement	75	6	1971	2046	8,097	134,956
B10 - Superstructure	Multi-Story - Steel	75	6	1971	2046	13,288	212,606
B10 - Superstructure	High Bay - Steel Frame with Composite Steel Roof Deck - Gymnasium Court	75	6	1971	2046	244,715	3,915,434
B1014 - Ramps	Exterior Accessible Ramp - Concrete	50	12	1971	2026	5,128	41,025
B2010 - Exterior Walls	Brick Veneer Walls - Metal Stud Backup	75	12	1971	2046	40,038	333,648
B2013 - Exterior Louvers, Screens, and Fencing	Equipment Screen Walls - Metal Panels - Rooftop	50	12	1971	2026	3,238	25,900
B2020 - Exterior Windows	Aluminum Windows	30	125	1971	2026	195,608	156,486
B2030 - Exterior Doors	Door Assembly - 6 x 7 HM	30	125	1971	2026	10,043	8,034
B2030 - Exterior Doors	Door Assembly - 6 x 7 Storefront - 2011	30	125	2011	2041	206,817	165,453
B2030 - Exterior Doors	Door Assembly - 3 x 7 Storefront	30	125	2011	2041	25,402	20,321
B30 - Roofing	Single-Ply EPDM Membrane - Ballasted	25	125	2011	2036	672,527	538,022
B30 - Roofing	Slate Tile Roofing	75	125	1971	2046	114,618	91,694
B3022 - Roof Hatches	Roof Hatch	40	125	2011	2051	3,630	2,904
C1010 - Partitions	GWB Partitions On Furring (Non-Painted)	50	62	1971	2026	16,803	26,884
C1010 - Partitions	GWB Partitions - Standard (Non-Painted)	50	62	1971	2026	100,444	160,710
C1010 - Partitions	CMU Block Walls - Plain	50	62	1971	2026	377,106	608,235
C1020 - Interior Doors	Swinging Doors - 3 x 7 Wd - NR - 2011	50	125	2011	2061	12,560	10,048
C1020 - Interior Doors	Swinging Doors - 3 x 7 Storefront	50	125	1971	2026	8,467	6,774

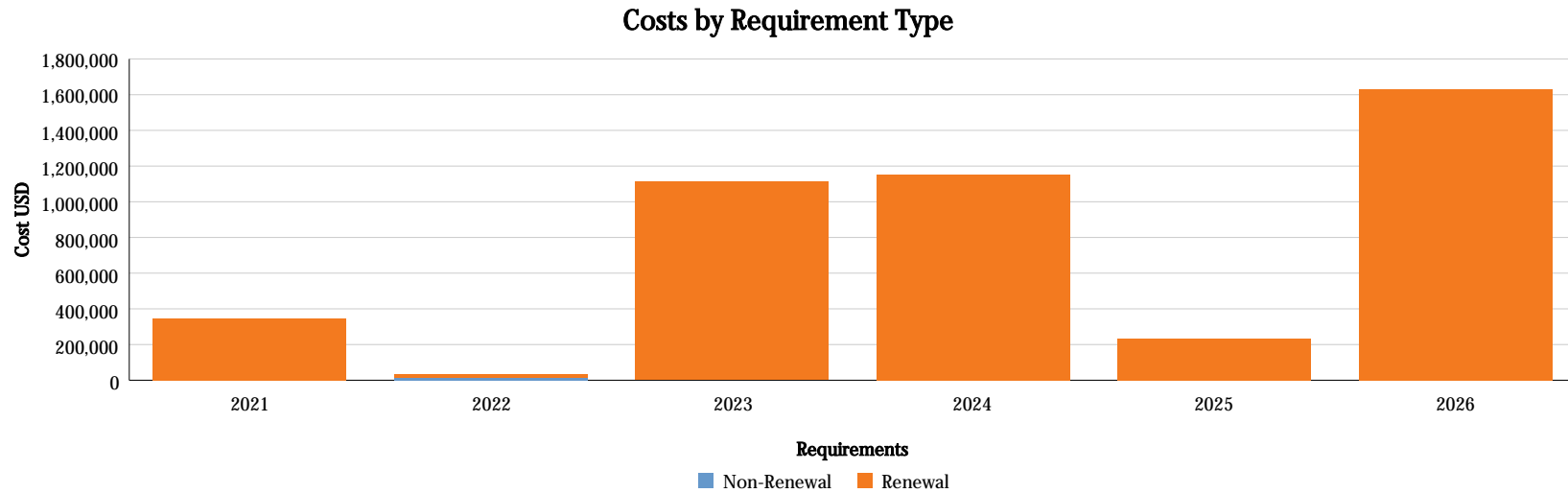
Uniformat	System Name	Lifetime (Years)	% Renew	Year Installed	Next Renewal Year	Renewal Cost	Replacement Cost
C1020 - Interior Doors	Swinging Doors - 3 x 7 HM - NR	50	125	1971	2026	19,359	15,487
C1020 - Interior Doors	Swinging Doors - 3 x 7 Wd - NR - 1971	50	125	1971	2026	221,888	177,510
C1030 - Fittings	Toilet Partitions - 1971	40	125	1971	2026	15,619	12,495
C1030 - Fittings	Toilet Partitions - 2011	40	125	2011	2051	42,951	34,361
C1030 - Fittings	Restroom Accessories	25	125	2011	2036	112,308	89,846
C1035 - Identifying Devices	Fittings - Signage (Room Numbering and Identification) - 1995	10	125	1995	2021	7,396	5,916
C1035 - Identifying Devices	Fittings - Signage (Room Numbering and Identification) - 2011	10	125	2011	2026	8,687	6,950
C20 - Stairs	Stairs - Exit	75	38	1971	2046	15,755	42,013
C3010 - Wall Finishes	Ceramic Wall Tile - 1971	25	125	1971	2026	35,125	28,100
C3010 - Wall Finishes	Painted Finish - (1 Coat Prime - 2 Coats Finish)	10	125	2018	2028	99,000	79,200
C3010 - Wall Finishes	Ceramic Wall Tile - 2011	25	125	2011	2036	74,153	59,323
C3020 - Floor Finishes	Carpeting - Tile	10	125	2018	2028	74,377	59,501
C3020 - Floor Finishes	Access Computer Room Flooring System	25	125	2011	2036	64,531	51,624
C3020 - Floor Finishes	Epoxy Flooring - Interior	25	125	2011	2036	53,404	42,723
C3020 - Floor Finishes	Rubber Tile - Athletic	15	125	2011	2026	68,344	54,675
C3020 - Floor Finishes	Ceramic Tile	25	125	1971	2026	47,529	38,023
C3020 - Floor Finishes	Vinyl Composition Tile - Quality - 2005	20	125	2005	2025	9,788	7,830
C3020 - Floor Finishes	Wood Flooring - Gymnasium	25	125	2011	2036	460,866	368,692
C3020 - Floor Finishes	Carpeting - Broadloom - Medium Range	10	125	2011	2024	27,742	22,194
C3020 - Floor Finishes	Terrazzo - Cast-in-Place	50	125	1971	2026	162,858	130,286
C3020 - Floor Finishes	Vinyl Composition Tile - Quality - 2011	20	125	2011	2031	11,745	9,396

Uniformat	System Name	Lifetime (Years)	% Renew	Year Installed	Next Renewal Year	Renewal Cost	Replacement Cost
C3030 - Ceiling Finishes	GWB Taped and Finished	30	125	1971	2026	64,706	51,765
C3030 - Ceiling Finishes	ACT System - Standard - 2005	20	125	2005	2025	40,702	32,562
C3030 - Ceiling Finishes	Painted Ceiling Finish - Exposed Structure and Deck	20	150	2011	2031	19,181	12,788
C3030 - Ceiling Finishes	ACT System - Standard - 2011	20	125	2011	2031	135,675	108,540
D1010 - Elevators and Lifts	Hydraulic Passenger Elevator	35	125	2005	2040	148,823	119,059
D1090 - Other Conveying Systems	Dumbwaiter	35	125	2005	2040	33,094	26,475
D2010 - Plumbing Fixtures	Restroom Fixtures	30	125	2005	2035	91,615	73,292
D2010 - Plumbing Fixtures	Kitchenette - Cabinet, Counter and Sink	30	125	2011	2041	5,848	4,679
D2010 - Plumbing Fixtures	Water Coolers - Wall-Mounted	20	125	1995	2023	32,741	26,193
D2010 - Plumbing Fixtures	Restroom Fixtures, Tiled Individual Shower	30	125	2005	2035	405,246	324,196
D2010 - Plumbing Fixtures	Custodial/Utility Sinks - Floor Sink	30	125	1971	2023	17,272	13,818
D2020 - Domestic Water Distribution	Water Heater - Electric - 30 Gal	10	112	2004	2023	5,672	5,064
D2020 - Domestic Water Distribution	Water Distribution Complete	30	112	1971	2023	103,420	92,340
D2030 - Sanitary Waste	Sanitary Waste - Gravity Discharge	50	125	1971	2024	147,914	118,331
D3012 - Gas Supply System	Natural Gas Service to Bldg - 2" Feed	40	125	2011	2051	4,469	3,575
D3020 - Heat Generating Systems	Boiler HW - Gas-Fired	30	125	2020	2050	238,937	191,150
D3030 - Cooling Generating Systems	Chiller - Reciprocating - Air-Cooled	20	125	2014	2034	398,805	319,044
D3030 - Cooling Generating Systems	Heat Pump DX Condensing Unit - 4 Ton	15	125	2011	2026	7,692	6,154
D3040 - Distribution Systems	Central AHU - Const Volume w/Distribution - 1971	25	125	1971	2023	674,858	539,886
D3040 - Distribution Systems	Perimeter Heat System - Hydronic Fin Tube	18	112	1971	2024	584,157	521,569
D3040 - Distribution Systems	Ceiling Fan	25	125	2011	2036	3,994	3,195

Uniformat	System Name	Lifetime (Years)	% Renew	Year Installed	Next Renewal Year	Renewal Cost	Replacement Cost
D3040 - Distribution Systems	Exhaust System - Exhaust Fan - 2011	15	125	2011	2026	29,640	23,712
D3040 - Distribution Systems	Ventilation System - Make Up Air Fan	15	125	2011	2026	229,318	183,454
D3040 - Distribution Systems	Exhaust System - Exhaust Fan - 1971	15	125	1971	2022	19,676	15,741
D3050 - Terminal and Package Units	Computer Room Cooling - DX w/Air Cooled Remote Condenser	20	125	2011	2031	152,099	121,679
D3050 - Terminal and Package Units	Rooftop Unitary AC - Elec. Heat/Cooling - 2017	20	125	2017	2037	108,280	86,624
D3050 - Terminal and Package Units	Rooftop Unitary AC - Elec. Heat/Cooling - 2004	20	125	2004	2024	54,140	43,312
D3050 - Terminal and Package Units	Unit Heaters - Hot Water	25	112	1971	2024	77,380	69,089
D3060 - Controls and Instrumentation	DDC/Pneumatic System - Hybrid	25	125	1971	2021	341,019	272,815
D40 - Fire Protection	Fire Extinguishers - Dry Chemical	30	105	2021	2051	3,413	3,250
D5012 - Low Tension Service and Dist.	Distribution Equipment, Panelboards, and Feeders - 800A 208Y/120V - 1971	30	125	1971	2024	111,741	89,392
D5012 - Low Tension Service and Dist.	Distribution Equipment, Panelboards, and Feeders - 1200A 208Y/120V - 2015	30	125	2015	2045	81,656	65,324
D5020 - Lighting and Branch Wiring	Lighting - Exterior - CFL Fixtures	20	125	2011	2031	9,800	7,840
D5020 - Lighting and Branch Wiring	Lighting - Exterior - HID Wall Packs	20	125	2011	2031	6,846	5,477
D5021 - Branch Wiring Devices	Branch Wiring - Equipment & Devices	30	125	2005	2035	151,753	121,403
D5022 - Lighting Equipment	Lighting Fixtures	20	125	2005	2025	183,305	146,644
D5031 - Public Address and Music Systems	Scoreboard Single-Sided - College/High School Arena	15	125	2005	2024	6,541	5,233
D5032 - Intercommunication and Paging System	Emergency Alert Box System	10	125	2014	2024	2,141	1,713
D5037 - Fire Alarm Systems	Fire Alarm System - Wiring and Conduit	30	125	2005	2035	35,322	28,257

Uniformat	System Name	Lifetime (Years)	% Renew	Year Installed	Next Renewal Year	Renewal Cost	Replacement Cost
D5037 - Fire Alarm Systems	Fire Alarm System - Devices	10	125	2005	2024	71,611	57,289
D5037 - Fire Alarm Systems	Fire Alarm Control Panel	10	125	2005	2024	69,269	55,415
D5038 - Security and Detection Systems	Security System - Card Access System	10	125	2011	2023	42,918	34,335
D5038 - Security and Detection Systems	Security System - CCTV - Cameras	10	125	2018	2028	3,362	2,690
D5039 - Local Area Networks	LAN System	15	106	2005	2023	188,432	177,766
D5092 - Emergency Light and Power Systems	Exit Signs	10	125	2011	2023	34,041	27,233
D5092 - Emergency Light and Power Systems	Emergency Battery Pack Lights	10	125	2011	2023	12,539	10,031
D5092 - Emergency Light and Power Systems	Emergency Generator - 300kW	20	125	2010	2030	134,239	107,391
E - Equipment and Furnishings	Black-out Curtains - Electrically Operated	25	125	2011	2036	168,855	135,084
E - Equipment and Furnishings	Fixed Casework	25	125	2011	2036	44,313	35,450
E - Equipment and Furnishings	Basketball Goals - Ceiling Mounted - Electric - Retractable	30	125	2011	2041	95,623	76,499
E10 - Equipment	Roof Access Ladder - Interior	50	105	1971	2026	2,991	2,849
E1029 - Other Institutional Equipment	Lockers - Fixed	25	125	2011	2036	47,498	37,998
E2015 - Fixed Multiple Seating	Bleachers - Telescoping	40	125	2011	2051	361,570	289,256
Subtotal							13,009,246
Overhead:							0
Subtotal							0
Total Replacement Value Based on System Costs with Overheads							13,009,246

Requirements including Renewals



Requirement Name	Renewal	Prime System	Category	Priority	Action Date	Estimated Cost
ACT System - Standard - 2005 Renewal	Yes	C3030 - Ceiling Finishes	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2025	40,703
Aluminum Windows Renewal	Yes	B2020 - Exterior Windows	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2026	195,608
CMU Block Walls - Plain Renewal	Yes	C1010 - Partitions	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2026	377,106
Carpeting - Broadloom - Medium Range Renewal	Yes	C3020 - Floor Finishes	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2024	27,743

Requirement Name	Renewal	Prime System	Category	Priority	Action Date	Estimated Cost
Central AHU - Const Volume w/Distribution - 1971 Renewal	Yes	D3040 - Distribution Systems	Lifecycle	2- Due within 2 Years of Inspection	Apr 26, 2023	674,858
Ceramic Tile Renewal	Yes	C3020 - Floor Finishes	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2026	47,529
Ceramic Wall Tile - 1971 Renewal	Yes	C3010 - Wall Finishes	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2026	35,125
Custodial/Utility Sinks - Floor Sink Renewal	Yes	D2010 - Plumbing Fixtures	Lifecycle	2- Due within 2 Years of Inspection	Apr 26, 2023	17,272
DDC/Pneumatic System - Hybrid Renewal	Yes	D3060 - Controls and Instrumentation	Lifecycle	1- Due within 1 Year of Inspection	Apr 26, 2021	341,019
Distribution Equipment, Panelboards, and Feeders - 800A 208Y/120V - 1971 Renewal	Yes	D5012 - Low Tension Service and Dist.	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2024	111,741
Door Assembly - 6 x 7 HM Renewal	Yes	B2030 - Exterior Doors	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2026	10,043
Emergency Alert Box System Renewal	Yes	D5032 - Intercommunication and Paging System	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2024	2,141
Emergency Battery Pack Lights Renewal	Yes	D5092 - Emergency Light and Power Systems	Lifecycle	2- Due within 2 Years of Inspection	Apr 26, 2023	12,539
Equipment Screen Walls - Metal Panels - Rooftop Renewal	Yes	B2013 - Exterior Louvers, Screens, and Fencing	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2026	3,238
Exhaust System - Exhaust Fan - 1971 Renewal	Yes	D3040 - Distribution Systems	Lifecycle	1- Due within 1 Year of Inspection	Apr 26, 2022	19,676
Exhaust System - Exhaust Fan - 2011 Renewal	Yes	D3040 - Distribution Systems	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2026	29,640
Exit Signs Renewal	Yes	D5092 - Emergency Light and Power Systems	Lifecycle	2- Due within 2 Years of Inspection	Apr 26, 2023	34,041
Exterior Accessible Ramp - Concrete Renewal	Yes	B1014 - Ramps	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2026	5,128
Fire Alarm Control Panel Renewal	Yes	D5037 - Fire Alarm Systems	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2024	69,269

Requirement Name	Renewal	Prime System	Category	Priority	Action Date	Estimated Cost
Fire Alarm System - Devices Renewal	Yes	D5037 - Fire Alarm Systems	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2024	71,611
Fittings - Signage (Room Numbering and Identification) - 1995 Renewal	Yes	C1035 - Identifying Devices	Lifecycle	1- Due within 1 Year of Inspection	Apr 26, 2021	7,396
Fittings - Signage (Room Numbering and Identification) - 2011 Renewal	Yes	C1035 - Identifying Devices	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2026	8,687
GWB Partitions - Standard (Non-Painted) Renewal	Yes	C1010 - Partitions	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2026	100,444
GWB Partitions On Furring (Non-Painted) Renewal	Yes	C1010 - Partitions	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2026	16,803
GWB Taped and Finished Renewal	Yes	C3030 - Ceiling Finishes	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2026	64,706
Heat Pump DX Condensing Unit - 4 Ton Renewal	Yes	D3030 - Cooling Generating Systems	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2026	7,692
Interior Doors - Non-Compliant Door Hardware - Lever	No	C1020 - Interior Doors	Accessibility	1- Due within 1 Year of Inspection	Apr 26, 2022	11,494
LAN System Renewal	Yes	D5039 - Local Area Networks	Lifecycle	2- Due within 2 Years of Inspection	Apr 26, 2023	188,432
Lighting Fixtures Renewal	Yes	D5022 - Lighting Equipment	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2025	183,305
Perimeter Heat System - Hydronic Fin Tube Renewal	Yes	D3040 - Distribution Systems	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2024	584,157
Roof Access Ladder - Interior Renewal	Yes	E10 - Equipment	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2026	2,991
Rooftop Unitary AC - Elec. Heat/Cooling - 2004 Renewal	Yes	D3050 - Terminal and Package Units	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2024	54,140
Rubber Tile - Athletic Renewal	Yes	C3020 - Floor Finishes	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2026	68,344
Sanitary Waste - Gravity Discharge Renewal	Yes	D2030 - Sanitary Waste	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2024	147,914

Requirement Name	Renewal	Prime System	Category	Priority	Action Date	Estimated Cost
Scoreboard Single-Sided – College/High School Arena Renewal	Yes	D5031 - Public Address and Music Systems	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2024	6,541
Security System - Card Access System Renewal	Yes	D5038 - Security and Detection Systems	Lifecycle	2- Due within 2 Years of Inspection	Apr 26, 2023	42,918
Swinging Doors - 3 x 7 HM - NR Renewal	Yes	C1020 - Interior Doors	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2026	19,359
Swinging Doors - 3 x 7 Storefront Renewal	Yes	C1020 - Interior Doors	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2026	8,467
Swinging Doors - 3 x 7 Wd - NR - 1971 Renewal	Yes	C1020 - Interior Doors	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2026	221,888
Terrazzo - Cast-in-Place Renewal	Yes	C3020 - Floor Finishes	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2026	162,858
Toilet Partitions - 1971 Renewal	Yes	C1030 - Fittings	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2026	15,619
Unit Heaters - Hot Water Renewal	Yes	D3050 - Terminal and Package Units	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2024	77,380
Ventilation System - Make Up Air Fan Renewal	Yes	D3040 - Distribution Systems	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2026	229,318
Vinyl Composition Tile - Quality - 2005 Renewal	Yes	C3020 - Floor Finishes	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2025	9,788
Water Coolers - Wall-Mounted Renewal	Yes	D2010 - Plumbing Fixtures	Lifecycle	2- Due within 2 Years of Inspection	Apr 26, 2023	32,741
Water Distribution Complete Renewal	Yes	D2020 - Domestic Water Distribution	Lifecycle	2- Due within 2 Years of Inspection	Apr 26, 2023	103,421
Water Heater - Electric - 30 Gal Renewal	Yes	D2020 - Domestic Water Distribution	Lifecycle	2- Due within 2 Years of Inspection	Apr 26, 2023	5,672
Total						4,508,505



DRAFT

Asset Overview Report

By Asset Name

Region: Richard Bland College of William & Mary

Asset: Richard Bland - Site

Campus: Site Infrastructure

Asset Number: 1

Assets are ordered by Asset Name Currency: USD

Statistics

FCI Cost:	1,163,114	FCI:	0.12
RI Cost:	1,163,114	RI:	0.12
Total Requirement Cost:	1,163,116	Size:	5,100,000 SF
Current Replacement Value:	9,429,255		

Address 1
City 11301 Johnson Road
Petersburg

Address 2
State/Province/Region -
Virginia

Photo



G2048 - Site Development - Flagpoles - Aluminum

Asset Description

ARCHITECTURAL

The Richard Bland College site is located at 11301 Johnson Road, Petersburg, Virginia. The site is approximately 120 acres of built space. It consists of roadways, parking lots, pedestrian paving, athletic fields, flag poles, bridges, retaining wall, and landscaping.

MECHANICAL

PLUMBING

The site plumbing systems include domestic water distribution throughout the campus to each building, sanitary waste piping from each building, and in the case of Patriot and Freedom Halls, storm water collection and conveyance from their parking lot to the adjacent retaining pond.

In addition, there is natural gas distribution piping to many, but not all, of the buildings on campus.

ELECTRICAL

The site electrical systems include site lighting throughout the campus. There are a variety of light poles and fixtures used, typically specific to the buildings they serve, and general site lighting. These are grouped together by common type / area.

Asset Replacement Value Based on System Costs with Overheads

Uniformat	System Name	Lifetime (Years)	% Renew	Year Installed	Next Renewal Year	Renewal Cost	Replacement Cost
D2090 - Other Plumbing Systems	Natural Gas - Site Distribution	40	125	1995	2035	828,559	662,847
G2011 - Bases and Sub-Bases	Roadway Flexible Pavement - Base Course - Freedom/Patriot Hall	65	12	2008	2073	3,442	28,688
G2011 - Bases and Sub-Bases	Roadway Flexible Pavement - Intermediate Course - Statesman Hall	25	62	2008	2033	11,884	19,168
G2011 - Bases and Sub-Bases	Roadway Flexible Pavement - Base Course - SSHE	65	12	2008	2073	1,683	14,025
G2011 - Bases and Sub-Bases	Roadway Flexible Pavement - Base Course - Statesman Hall	65	12	2008	2073	1,071	8,925
G2011 - Bases and Sub-Bases	Roadway Flexible Pavement - Intermediate Course - SSHE	25	62	2008	2033	18,675	30,121
G2011 - Bases and Sub-Bases	Roadway Flexible Pavement - Intermediate Course - Freedom/Patriot Hall	25	62	2008	2033	38,199	61,612
G2011 - Bases and Sub-Bases	Roadway Flexible Pavement - Base Course - Barn Theater	65	12	2008	2073	842	7,012
G2011 - Bases and Sub-Bases	Roadway Flexible Pavement - Intermediate Course - Barn Theater	25	62	2008	2033	9,338	15,061
G2012 - Paving and Surfacing	Roadway Flexible Pavement - Surface Course - Statesman Hall	25	125	2008	2033	16,552	13,242

Uniformat	System Name	Lifetime (Years)	% Renew	Year Installed	Next Renewal Year	Renewal Cost	Replacement Cost
G2012 - Paving and Surfacing	Roadway Flexible Pavement - Surface Course - SSHE	25	125	2008	2033	26,010	20,808
G2012 - Paving and Surfacing	Roadway Flexible Pavement - Surface Course - Freedom/Patriot Hall	25	125	2008	2033	53,203	42,562
G2012 - Paving and Surfacing	Roadway Rigid Pavement (Concrete) - Surface Course - McNeer Hall	25	125	2008	2033	217,312	173,850
G2012 - Paving and Surfacing	Roadway - Gravel	65	12	2010	2075	6,120	51,000
G2012 - Paving and Surfacing	Roadway Flexible Pavement - Surface Course - Barn Theater	25	125	2008	2033	13,005	10,404
G2021 - Bases and Sub-Bases	Parking Lot Flexible Pavement - Intermediate Course - Statesman Hall	25	62	2005	2030	27,807	44,850
G2021 - Bases and Sub-Bases	Parking Lot Flexible Pavement - Base Course - Statesman Hall	65	12	1960	2025	2,754	22,950
G2021 - Bases and Sub-Bases	Parking Lot Flexible Pavement - Base Course - Maintenance	65	12	1960	2025	1,836	15,300
G2021 - Bases and Sub-Bases	Parking Lot Flexible Pavement - Intermediate Course - Freedom/Patriot Hall	25	62	2005	2030	154,482	249,164
G2021 - Bases and Sub-Bases	Parking Lot Flexible Pavement - Base Course - Freedom/Patriot Hall	65	12	1960	2025	15,300	127,500
G2021 - Bases and Sub-Bases	Parking Lot Flexible Pavement - Intermediate Course - Enrollment Services Center	25	62	2005	2030	9,269	14,950
G2021 - Bases and Sub-Bases	Parking Lot Flexible Pavement - Base Course - Enrollment Services Center	65	12	1960	2025	918	7,650
G2021 - Bases and Sub-Bases	Parking Lot Flexible Pavement - Intermediate Course - Commerce Hall	25	62	2010	2035	8,805	14,202
G2021 - Bases and Sub-Bases	Parking Lot Flexible Pavement - Base Course - Commerce Hall	65	12	2010	2075	872	7,268

Uniformat	System Name	Lifetime (Years)	% Renew	Year Installed	Next Renewal Year	Renewal Cost	Replacement Cost
G2021 - Bases and Sub-Bases	Parking Lot Flexible Pavement - Intermediate Course - Maze Administration	25	62	2005	2030	177,654	286,539
G2021 - Bases and Sub-Bases	Parking Lot Flexible Pavement - Base Course - Maze Administration	65	12	1960	2025	17,595	146,625
G2021 - Bases and Sub-Bases	Parking Lot Flexible Pavement - Intermediate Course - Athletic Fields	25	62	2005	2030	139,034	224,248
G2021 - Bases and Sub-Bases	Parking Lot Flexible Pavement - Base Course - Athletic Fields	65	12	1960	2025	13,770	114,750
G2021 - Bases and Sub-Bases	Parking Lot Flexible Pavement - Intermediate Course - Maintenance	25	62	2005	2030	18,538	29,900
G2021 - Bases and Sub-Bases	Parking Lot Flexible Pavement - Intermediate Course - The Commons	25	62	2005	2030	15,448	24,916
G2021 - Bases and Sub-Bases	Parking Lot Flexible Pavement - Base Course - The Commons	65	12	1960	2025	1,530	12,750
G2021 - Bases and Sub-Bases	Parking Lot Flexible Pavement - Intermediate Course - SSHE	25	62	2005	2030	12,359	19,933
G2021 - Bases and Sub-Bases	Parking Lot Flexible Pavement - Base Course - SSHE	65	12	1960	2025	1,224	10,200
G2021 - Bases and Sub-Bases	Parking Lot Flexible Pavement - Intermediate Course - Barn Theater	25	62	2005	2030	30,896	49,833
G2021 - Bases and Sub-Bases	Parking Lot Flexible Pavement - Base Course - Barn Theater	65	12	1960	2025	3,060	25,500
G2022 - Paving and Surfacing	Parking Lot Flexible Pavement - Surface Course - Athletic Fields	25	125	2005	2030	308,062	246,450
G2022 - Paving and Surfacing	Parking Lot Flexible Pavement - Surface Course - SSHE	25	125	2005	2030	27,383	21,907
G2022 - Paving and Surfacing	Parking Lot Pavement (Concrete) - Surface Course - McNeer	25	125	2008	2033	150,911	120,729

Uniformat	System Name	Lifetime (Years)	% Renew	Year Installed	Next Renewal Year	Renewal Cost	Replacement Cost
G2022 - Paving and Surfacing	Parking Lot Flexible Pavement - Surface Course - Maze Administration	25	125	2005	2030	393,635	314,908
G2022 - Paving and Surfacing	Parking Lot Flexible Pavement - Surface Course - The Commons	25	125	2005	2030	34,229	27,383
G2022 - Paving and Surfacing	Parking Lot Flexible Pavement - Surface Course - Enrollment Services Center	25	125	2005	2030	20,538	16,430
G2022 - Paving and Surfacing	Parking Lot Flexible Pavement - Surface Course - Barn Theater	25	125	2005	2030	68,458	54,767
G2022 - Paving and Surfacing	Parking Lot Flexible Pavement - Surface Course - Maintenance	25	125	2005	2030	41,075	32,860
G2022 - Paving and Surfacing	Parking Lot Flexible Pavement - Surface Course - Commerce Hall	25	125	2010	2035	19,511	15,608
G2022 - Paving and Surfacing	Parking Lot Flexible Pavement - Surface Course - Freedom/Patriot Hall	25	125	2005	2030	342,292	273,833
G2022 - Paving and Surfacing	Parking Lot Flexible Pavement - Surface Course - Statesman Hall	25	125	2005	2030	61,612	49,290
G2023 - Curbs, Rails and Barriers	Parking Lot - Curbs, Rails and Barriers - Cast-In-Place Concrete - Freedom/Patriot Hall	25	125	2008	2033	164,936	131,949
G2025 - Markings and Signage	Parking Lot - Traffic Control - Painted Pavement Markings - Athletic Fields	10	115	2015	2025	27,058	23,528
G2025 - Markings and Signage	Parking Lot - Traffic Control - Painted Pavement Markings - Maze Administration	10	115	2015	2025	23,192	20,167
G2025 - Markings and Signage	Parking Lot - Traffic Control - Painted Pavement Markings - Commerce Hall	10	115	2010	2026	3,092	2,689
G2025 - Markings and Signage	Parking Lot - Traffic Control - Painted Pavement Markings - Enrollment Services Center	10	115	2015	2025	1,160	1,008

Uniformat	System Name	Lifetime (Years)	% Renew	Year Installed	Next Renewal Year	Renewal Cost	Replacement Cost
G2025 - Markings and Signage	Parking Lot - Traffic Control - Painted Pavement Markings - Maintenance	10	115	2015	2025	1,160	1,008
G2025 - Markings and Signage	Parking Lot - Traffic Control - Painted Pavement Markings - Statesman Hall	10	115	2015	2025	4,252	3,697
G2025 - Markings and Signage	Parking Lot - Traffic Control - Painted Pavement Markings - McNeer Hall	10	115	2015	2025	3,865	3,361
G2025 - Markings and Signage	Parking Lot - Traffic Control - Painted Pavement Markings - Barn Theater	10	115	2015	2025	3,170	2,756
G2025 - Markings and Signage	Parking Lot - Traffic Control - Painted Pavement Markings - SSHE	10	115	2015	2025	3,865	3,361
G2025 - Markings and Signage	Parking Lot - Traffic Control - Painted Pavement Markings - Freedom/Patriot Hall	10	115	2015	2025	21,260	18,487
G2025 - Markings and Signage	Parking Lot - Traffic Control - Painted Pavement Markings - The Commons	10	115	2015	2025	2,474	2,151
G2031 - Paving and Surfacing	Pedestrian Pavement - Concrete - 2000	25	125	2000	2031	977,991	782,393
G2031 - Paving and Surfacing	Pedestrian Pavement - Concrete - 2008	25	125	2008	2033	427,871	342,297
G2031 - Paving and Surfacing	Plazas and Patios - Precast Concrete Pavers - Freedom/Patriot Hall	25	125	2008	2033	215,968	172,774
G2031 - Paving and Surfacing	Plazas and Patios - Stamped Concrete - Enrollment Services Center	25	125	2011	2036	45,815	36,652
G2034 - Pedestrian Bridges	Pedestrian Pavement - Pedestrian Bridge - Wood - Water Garden	30	125	2010	2040	13,430	10,744
G2034 - Pedestrian Bridges	Pedestrian Pavement - Pedestrian Bridge - Wood - Maze Hall	30	125	2000	2030	22,384	17,907
G2034 - Pedestrian Bridges	Pedestrian Pavement - Pedestrian Bridge - Wood - Patriot Hall	30	125	2000	2030	22,384	17,907

Uniformat	System Name	Lifetime (Years)	% Renew	Year Installed	Next Renewal Year	Renewal Cost	Replacement Cost
G2041 - Fences and Gates	Site Development - Fencing - 10' High Chain Link - Old Tennis Courts	20	125	1990	2024	15,919	12,735
G2041 - Fences and Gates	Site Development - Fencing - Vinyl	25	125	2015	2040	39,466	31,573
G2041 - Fences and Gates	Site Development - Fencing - 5' High Chain Link - Athletic Fields	20	125	1990	2024	31,838	25,470
G2041 - Fences and Gates	Site Development - Fencing - Wood - Freedom/Patriot Hall	20	125	2008	2028	60,169	48,135
G2042 - Retaining Walls	Site Development - Retaining Wall - Concrete	40	125	1960	2026	51,578	41,262
G2047 - Playing Fields	Site Development - Softball Field	25	125	2010	2035	174,948	139,958
G2047 - Playing Fields	Site Development - Tennis Courts	20	93	2010	2030	437,116	470,017
G2048 - Flagpoles	Site Development - Flagpoles - Aluminum	25	125	2010	2035	31,612	25,290
G3014 - Fire Protection Distribution and Storage	Water Distribution Piping - Site General	40	105	1995	2035	579,677	552,073
G3022 - Manholes and Cleanouts	Sanitary Sewer - Manhole - Patriot and Freedom Halls	40	105	2008	2048	6,607	6,292
G3022 - Manholes and Cleanouts	Sanitary Sewer - Manhole - Site General	40	105	1995	2035	72,674	69,213
G3031 - Piping	Storm Sewer - Piping - Patriot and Freedom Halls	50	125	2008	2058	306,109	244,887
G3031 - Piping	Sanitary Sewer - Piping - Site General	50	125	1995	2045	1,228,878	983,103
G3031 - Piping	Storm Sewer - Piping - McNeer Hall	50	125	2008	2058	57,719	46,175
G3031 - Piping	Sanitary Sewer - Piping - Patriot and Freedom Halls	50	125	2008	2058	191,645	153,316
G3032 - Manholes	Storm Sewer - Area Drains/Catch Basins - Patriot and Freedom Halls	40	105	2008	2048	52,854	50,337

Uniformat	System Name	Lifetime (Years)	% Renew	Year Installed	Next Renewal Year	Renewal Cost	Replacement Cost
G3032 - Manholes	Storm Sewer - Area Drains/Catch Basins - McNeer Hall	40	105	2009	2049	33,034	31,461
G4021 - Fixtures and Transformers	Site Lighting - Fixtures & Transformers - Parking Lot - LED (2-Fixture) - Patriot and Freedom Halls	20	125	2008	2028	12,974	10,379
G4021 - Fixtures and Transformers	Site Lighting - Fixtures & Transformers - Parking Lot - HPS (1-Fixture) - Roadway to Maintenance	20	125	1995	2024	3,851	3,081
G4021 - Fixtures and Transformers	Site Lighting - Fixtures & Transformers - Parking Lot - LED (1-Fixture) - Statesman Hall	20	125	2011	2031	30,272	24,217
G4021 - Fixtures and Transformers	Site Lighting - Fixtures & Transformers - Parking Lot - LED (1-Fixture) - Patriot and Freedom Hall	20	125	2008	2028	71,354	57,083
G4021 - Fixtures and Transformers	Site Lighting - Fixtures & Transformers - Parking Lot - LED (1-Fixture) - McNeer Hall	20	125	2010	2030	41,083	32,866
G4021 - Fixtures and Transformers	Site Lighting - Fixtures & Transformers - Parking Lot - LED (1-Fixture) - Earnst Hall	20	125	2014	2034	43,245	34,596
G4021 - Fixtures and Transformers	Site Lighting - Fixtures & Transformers - Parking Lot - LED (2-Fixture) - McNeer Hall	20	125	2010	2030	8,649	6,919
G4021 - Fixtures and Transformers	Site Lighting - Fixtures & Transformers - Parking Lot - LED (2-Fixture) - Student Affairs Parking	20	125	2006	2026	30,272	24,217
G4021 - Fixtures and Transformers	Site Lighting - Fixtures & Transformers - Parking Lot - LED (1-Fixture) - Site General - Brown Acorn Light Poles	20	125	2009	2029	116,762	93,409
G4021 - Fixtures and Transformers	Site Lighting - Fixtures & Transformers - Parking Lot - LED (1-Fixture) - Track and Track Parking Lot	20	125	2011	2031	10,811	8,649

Uniformat	System Name	Lifetime (Years)	% Renew	Year Installed	Next Renewal Year	Renewal Cost	Replacement Cost
G4021 - Fixtures and Transformers	Site Lighting - Fixtures & Transformers - Flood Light - Softball Field	20	125	2010	2030	96,344	77,075
G4021 - Fixtures and Transformers	Site Lighting - Fixtures & Transformers - Flood Light - Volleyball Courts	20	125	2010	2030	48,172	38,538
G4021 - Fixtures and Transformers	Site Lighting - Fixtures & Transformers - Parking Lot - LED (2-Fixture) - Old Tennis Court	20	125	1995	2024	17,298	13,838
G4021 - Fixtures and Transformers	Site Lighting - Fixtures & Transformers - Parking Lot - LED (2-Fixture) - Track Parking Lot	20	125	2011	2031	34,596	27,677
G4021 - Fixtures and Transformers	Site Lighting - Fixtures & Transformers - Parking Lot - HPS (1-Fixture) - Barn Bldg.	20	125	1995	2024	3,851	3,081
G4021 - Fixtures and Transformers	Site Lighting - Fixtures & Transformers - Parking Lot - LED (1-Fixture) - Student Affairs Parking	20	125	2006	2026	12,974	10,379
G4021 - Fixtures and Transformers	Site Lighting - Fixtures & Transformers - Parking Lot - LED (1-Fixture) - Humanities and Social Sciences Bldg	20	125	2017	2037	6,487	5,189
G4022 - Poles	Site Lighting - Poles - Steel - Humanities and Social Sciences Bldg	40	125	2017	2057	6,266	5,013
G4022 - Poles	Site Lighting - Poles - Steel - Earnst Hall	40	125	2014	2054	41,774	33,419
G4022 - Poles	Site Lighting - Poles - Steel - Student Affairs Parking Lot	40	125	2006	2046	27,153	21,722
G4022 - Poles	Site Lighting - Poles - Steel - Old Tennis Courts	40	125	1995	2035	8,355	6,684
G4022 - Poles	Site Lighting - Poles - Steel - McNeer Hall	40	125	2010	2050	43,863	35,090
G4022 - Poles	Site Lighting - Poles - Steel - Site General - Brown Acorn Light Poles	40	125	2009	2049	112,789	90,232

Uniformat	System Name	Lifetime (Years)	% Renew	Year Installed	Next Renewal Year	Renewal Cost	Replacement Cost
G4022 - Poles	Site Lighting - Poles - Softball Field	40	125	2010	2050	21,900	17,520
G4022 - Poles	Site Lighting - Poles - Wood - Barn Bldg.	40	125	1995	2035	4,177	3,342
G4022 - Poles	Site Lighting - Poles - Steel - Roadway to Maintenance	40	125	1995	2035	14,621	11,697
G4022 - Poles	Site Lighting - Poles - Steel - Track and Track Parking Lot	40	125	2011	2051	27,153	21,722
G4022 - Poles	Site Lighting - Poles - Steel - Patriot and Freedom Halls	40	125	2008	2048	77,282	61,825
G4022 - Poles	Site Lighting - Poles - Steel - Statesman Hall	40	125	2011	2051	29,242	23,393
G4022 - Poles	Site Lighting - Poles - Volleyball Court	40	125	2010	2050	14,600	11,680
G4023 - Wiring Conduits and Ductbanks	Site Lighting - Wiring Conduits and Ductbanks - Light Fixture Wiring - McNeer Hall	50	125	2010	2060	36,686	29,349
G4023 - Wiring Conduits and Ductbanks	Site Lighting - Wiring Conduits and Ductbanks - Light Fixture Wiring - Student Center Parking Lot	50	125	2006	2056	22,710	18,168
G4023 - Wiring Conduits and Ductbanks	Site Lighting - Wiring Conduits and Ductbanks - Light Fixture Wiring - Barn Bldg.	50	125	1995	2045	3,494	2,795
G4023 - Wiring Conduits and Ductbanks	Site Lighting - Wiring Conduits and Ductbanks - Light Fixture Wiring - Track and Track Parking Lot	50	125	2011	2061	22,710	18,168
G4023 - Wiring Conduits and Ductbanks	Site Lighting - Wiring Conduits and Ductbanks - Light Fixture Wiring - Volleyball Courts	50	125	2010	2060	6,988	5,590
G4023 - Wiring Conduits and Ductbanks	Site Lighting - Wiring Conduits and Ductbanks - Light Fixture Wiring - Patriot and Freedom Halls	50	125	2008	2058	64,637	51,710

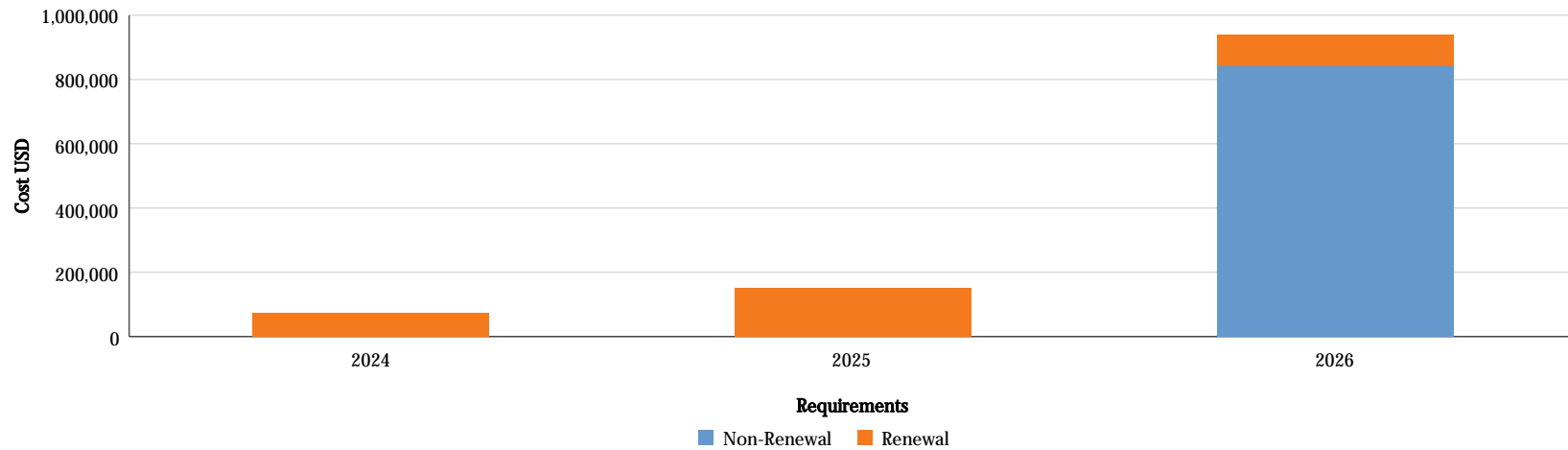
Uniformat	System Name	Lifetime (Years)	% Renew	Year Installed	Next Renewal Year	Renewal Cost	Replacement Cost
G4023 - Wiring Conduits and Ductbanks	Site Lighting - Wiring Conduits and Ductbanks - Light Fixture Wiring - Roadway to Maintenance	50	125	1995	2045	12,229	9,783
G4023 - Wiring Conduits and Ductbanks	Site Lighting - Wiring Conduits and Ductbanks - Light Fixture Wiring - Site General Brown Acorn Light Poles	50	125	2009	2059	94,336	75,469
G4023 - Wiring Conduits and Ductbanks	Site Lighting - Wiring Conduits and Ductbanks - Light Fixture Wiring - Earnst Hall	50	125	2011	2061	34,939	27,951
G4023 - Wiring Conduits and Ductbanks	Site Lighting - Wiring Conduits and Ductbanks - Light Fixture Wiring - Patriot and Freedom Halls	50	125	2010	2060	12,229	9,783
G4023 - Wiring Conduits and Ductbanks	Site Lighting - Wiring Conduits and Ductbanks - Light Fixture Wiring - Softball Field	50	125	2011	2061	34,939	27,951
G4023 - Wiring Conduits and Ductbanks	Site Lighting - Wiring Conduits and Ductbanks - Light Fixture Wiring - Statesman Hall	50	125	2011	2061	24,457	19,566
G4023 - Wiring Conduits and Ductbanks	Site Lighting - Wiring Conduits and Ductbanks - Light Fixture Wiring - Humanities and Social Sciences Bldg	50	125	2017	2067	5,241	4,193
G4023 - Wiring Conduits and Ductbanks	Site Lighting - Wiring Conduits and Ductbanks - Light Fixture Wiring - Old Tennis Courts	50	125	1995	2045	6,988	5,590
Subtotal							9,429,255

Overhead:	0
Subtotal	0

Total Replacement Value Based on System Costs with Overheads	9,429,255
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Requirements including Renewals

Costs by Requirement Type



Requirement Name	Renewal	Prime System	Category	Priority	Action Date	Estimated Cost
Asphalt Paving: Cracks Asphalt Pavement	No	G2022 - Paving and Surfacing	Reliability	3- Due within 5 Years of Inspection	Apr 26, 2026	843,000
Parking Lot - Traffic Control - Painted Pavement Markings - Athletic Fields Renewal	Yes	G2025 - Markings and Signage	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2025	27,058
Parking Lot - Traffic Control - Painted Pavement Markings - Barn Theater Renewal	Yes	G2025 - Markings and Signage	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2025	3,170
Parking Lot - Traffic Control - Painted Pavement Markings - Commerce Hall Renewal	Yes	G2025 - Markings and Signage	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2026	3,092
Parking Lot - Traffic Control - Painted Pavement Markings - Enrollment Services Center Renewal	Yes	G2025 - Markings and Signage	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2025	1,160
Parking Lot - Traffic Control - Painted Pavement Markings - Freedom/Patriot Hall Renewal	Yes	G2025 - Markings and Signage	Lifecycle	3- Due within 5 Years of	Apr 26,	21,260

Requirement Name	Renewal	Prime System	Category	Priority	Action Date	Estimated Cost
				Inspection	2025	
Parking Lot - Traffic Control - Painted Pavement Markings - Maintenance Renewal	Yes	G2025 - Markings and Signage	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2025	1,160
Parking Lot - Traffic Control - Painted Pavement Markings - Maze Administration Renewal	Yes	G2025 - Markings and Signage	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2025	23,192
Parking Lot - Traffic Control - Painted Pavement Markings - McNeer Hall Renewal	Yes	G2025 - Markings and Signage	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2025	3,865
Parking Lot - Traffic Control - Painted Pavement Markings - SSHE Renewal	Yes	G2025 - Markings and Signage	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2025	3,865
Parking Lot - Traffic Control - Painted Pavement Markings - Statesman Hall Renewal	Yes	G2025 - Markings and Signage	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2025	4,252
Parking Lot - Traffic Control - Painted Pavement Markings - The Commons Renewal	Yes	G2025 - Markings and Signage	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2025	2,474
Parking Lot Flexible Pavement - Base Course - Athletic Fields Renewal	Yes	G2021 - Bases and Sub-Bases	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2025	13,770
Parking Lot Flexible Pavement - Base Course - Barn Theater Renewal	Yes	G2021 - Bases and Sub-Bases	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2025	3,060
Parking Lot Flexible Pavement - Base Course - Enrollment Services Center Renewal	Yes	G2021 - Bases and Sub-Bases	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2025	918
Parking Lot Flexible Pavement - Base Course - Freedom/Patriot Hall Renewal	Yes	G2021 - Bases and Sub-Bases	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2025	15,300
Parking Lot Flexible Pavement - Base Course - Maintenance Renewal	Yes	G2021 - Bases and Sub-Bases	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2025	1,836
Parking Lot Flexible Pavement - Base Course - Maze Administration Renewal	Yes	G2021 - Bases and Sub-Bases	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2025	17,595
Parking Lot Flexible Pavement - Base Course - SSHE Renewal	Yes	G2021 - Bases and Sub-Bases	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2025	1,224
Parking Lot Flexible Pavement - Base Course - Statesman Hall Renewal	Yes	G2021 - Bases and Sub-Bases	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2025	2,754


Requirement Name	Renewal	Prime System	Category	Priority	Action Date	Estimated Cost
Parking Lot Flexible Pavement - Base Course - The Commons Renewal	Yes	G2021 - Bases and Sub-Bases	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2025	1,530
Site Development - Fencing - 10' High Chain Link - Old Tennis Courts Renewal	Yes	G2041 - Fences and Gates	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2024	15,919
Site Development - Fencing - 5' High Chain Link - Athletic Fields Renewal	Yes	G2041 - Fences and Gates	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2024	31,838
Site Development - Retaining Wall - Concrete Renewal	Yes	G2042 - Retaining Walls	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2026	51,578
Site Lighting - Fixtures & Transformers - Parking Lot - HPS (1-Fixture) - Roadway to Maintenance Renewal	Yes	G4021 - Fixtures and Transformers	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2024	3,851
Site Lighting - Fixtures & Transformers - Parking Lot - HPS (1-Fixture) - Barn Bldg. Renewal	Yes	G4021 - Fixtures and Transformers	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2024	3,851
Site Lighting - Fixtures & Transformers - Parking Lot - LED (1-Fixture) - Student Affairs Parking Renewal	Yes	G4021 - Fixtures and Transformers	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2026	12,974
Site Lighting - Fixtures & Transformers - Parking Lot - LED (2-Fixture) - Old Tennis Court Renewal	Yes	G4021 - Fixtures and Transformers	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2024	17,298
Site Lighting - Fixtures & Transformers - Parking Lot - LED (2-Fixture) - Student Affairs Parking Renewal	Yes	G4021 - Fixtures and Transformers	Lifecycle	3- Due within 5 Years of Inspection	Apr 26, 2026	30,272
Total						1,163,116

Reporting Currency: USD

Adjustment Factor: 0%

Region Name: Richard Bland College of William & Mary

Campus Name: Site Infrastructure

Asset	Number	Age	Use	Size	Replacement Value	Cost/Unit	FCI Cost	FCI	RI Cost	RI	Asset Primary Photo
Asset Type: Building											
Richard Bland - Site	1	61	Site - Vehicular and Pedestrian Paving	5,100,000	9,429,255	2	1,163,114	0.12	1,163,114	0.12	
Subtotal for Building				5,100,000	9,429,255	2	1,163,114	0.12	1,163,114	0.12	
Campus Name: Site Infrastructure							1,163,114	0.12	1,163,114	0.12	
Region Name: Richard Bland College of William & Mary							118,869,080	0.14	16,576,533	0.14	
Summary							118,869,080	0.14	16,576,533	0.14	



Richard Bland College
of WILLIAM & MARY

System List Report

By Asset Name

DRAFT

Richard Bland College of William & Mary - 20210702

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DRAFT

Region: Richard Bland College of William & Mary

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Campus: Site Infrastructure

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Currency : USD

Region: Richard Bland College of William & Mary

Asset: Barn Theatre 14

Campus: Buildings

Asset Size: 6,630 SF

Asset Replacement Value: 1,526,448

System Category	System Name	Lifetime	SCI	Renewal Action FY	Date Inspected	Renewal Action Cost	Replacement Cost
A - Substructure	Foundation Wall and Footings - No Basement	75	0.00	2031	Apr 26, 2021	5,287	88,118
A - Substructure	Structural Slab on Grade - Non-Industrial - 4-In.	75	0.00	2031	Apr 26, 2021	4,556	72,897
B10 - Superstructure	Single-Story - Wood	75	0.00	2031	Apr 26, 2021	5,420	86,720
B1023 - Canopies	Fixed Fabric Canopy - Fabric Cover	15	1.25	2023	Apr 26, 2021	4,721	3,777
B2010 - Exterior Walls	CMU Walls	75	0.00	2031	Apr 26, 2021	12,538	100,300
B2011 - Exterior Wall Construction	Painted Finish - Exterior Walls	10	1.25	2023	Apr 26, 2021	16,650	13,320
B2020 - Exterior Windows	Steel Windows	30	1.25	2024	Apr 26, 2021	48,128	38,502
B2030 - Exterior Doors	Door Assembly - 3 x 7 HM	30	1.25	2025	Apr 26, 2021	15,585	12,468
B2030 - Exterior Doors	Door Assembly - 6 x 7 HM	30	1.25	2025	Apr 26, 2021	30,128	24,102
B30 - Roofing	Gutters and Downspouts - Aluminum	30	0.00	2040	Apr 26, 2021	4,653	3,723
B30 - Roofing	Metal Roofing - High End	65	0.00	2075	Apr 26, 2021	542,194	433,755
C1010 - Partitions	CMU Partitions - Glazed - 1 Face	50	0.00	2031	Apr 26, 2021	36,968	59,625
C1010 - Partitions	CMU Partitions - Non-Rated - Plain	50	0.00	2031	Apr 26, 2021	10,199	16,318
C1020 - Interior Doors	Swinging Doors - 3 x 7 HM - NR	50	1.25	2026	Apr 26, 2021	43,558	34,847
C1030 - Fittings	Restroom Accessories	25	0.00	2035	Apr 26, 2021	14,038	11,231
C1030 - Fittings	Toilet Partitions	40	0.00	2050	Apr 26, 2021	5,857	4,686
C1035 - Identifying Devices	Fittings - Signage (Room Numbering and Identification)	10	1.25	2021	Apr 26, 2021	3,269	2,615
C3020 - Floor Finishes	Carpeting - Tile	10	1.25	2025	Apr 26, 2021	7,198	5,758
C3020 - Floor Finishes	Epoxy Flooring - Interior	25	0.00	2035	Apr 26, 2021	39,769	31,815
C3020 - Floor Finishes	Wood Flooring - Quality	25	0.00	2035	Apr 26, 2021	20,948	16,759
C3030 - Ceiling Finishes	GWB Ceilings - Taped and Finished	30	1.25	2026	Apr 26, 2021	6,090	4,872
D2010 - Plumbing Fixtures	Custodial/Utility Sinks - PVC	30	0.00	2035	Apr 26, 2021	2,485	1,988
D2010 - Plumbing Fixtures	Custodial/Utility Sinks - Wall Sink	30	1.25	2024	Apr 26, 2021	8,636	6,909
D2010 - Plumbing Fixtures	Restroom Fixtures	30	1.25	2025	Apr 26, 2021	26,154	20,923
D2010 - Plumbing Fixtures	Water Coolers - Wall-Mounted	20	1.25	2024	Apr 26, 2021	4,093	3,274
D2020 - Domestic Water Distribution	Water Distribution Complete	30	1.12	2024	Apr 26, 2021	20,395	18,210
D2020 - Domestic Water Distribution	Water Heater - Electric	10	1.12	2022	Apr 26, 2021	6,827	6,095
D2030 - Sanitary Waste	Sanitary Waste - Gravity Discharge	50	0.00	2027	Apr 26, 2021	29,169	23,335
D3012 - Gas Supply System	Natural Gas Service to Bldg - 1" Feed	40	0.00	2035	Apr 26, 2021	3,114	2,491
D3040 - Distribution Systems	Ceiling Fan	25	0.00	2035	Apr 26, 2021	2,396	1,917
D3040 - Distribution Systems	Perimeter Heat - Electric Baseboard	30	0.00	2035	Apr 26, 2021	36,645	32,719
D3050 - Terminal and Package Units	Rooftop Unitary AC - Cooling w/Gas Heat	15	1.25	2024	Apr 26, 2021	70,676	56,541
D3050 - Terminal and Package Units	Unit Heaters - Gas Fired	15	0.00	2030	Apr 26, 2021	12,190	10,884
D3050 - Terminal and Package Units	Window AC Units	10	1.05	2022	Apr 26, 2021	3,429	3,266
D3060 - Controls and Instrumentation	DDC System	20	0.00	2035	Apr 26, 2021	80,712	64,570
D40 - Fire Protection	Fire Extinguishers - Dry Chemical	30	0.00	2051	Apr 26, 2021	1,365	1,300
D5012 - Low Tension Service and Dist.	Distribution Equipment, Panelboards, and Feeders - 600A 208Y/120V	30	1.25	2026	Apr 26, 2021	48,830	39,064
D5020 - Lighting and Branch Wiring	Lighting - Exterior - CFL Fixtures	20	0.00	2028	Apr 26, 2021	7,350	5,880
D5021 - Branch Wiring Devices	Branch Wiring - Equipment & Devices	30	1.25	2025	Apr 26, 2021	29,926	23,941
D5022 - Lighting Equipment	Lighting Fixtures	20	0.00	2028	Apr 26, 2021	36,148	28,919
D5032 - Intercommunication and Paging System	Emergency Alert Box System	10	1.25	2025	Apr 26, 2021	2,141	1,713
D5092 - Emergency Light and Power Systems	Exit Signs	10	1.25	2023	Apr 26, 2021	2,002	1,602
E - Equipment and Furnishings	Theater And Stage Equipment	20	0.00	2030	Apr 26, 2021	130,875	104,700
Asset: Barn Theatre 14							1,526,448



Currency: USD

System Category	System Name	Lifetime	SCI	Renewal Action FY	Date Inspected	Renewal Action Cost	Replacement Cost
Summary							1,526,448

Currency : USD

Region: Richard Bland College of William & Mary

Asset: Campus Police Department 12

Campus: Buildings

Asset Size: 1,349 SF

Asset Replacement Value: 392,849

System Category	System Name	Lifetime	SCI	Renewal Action FY	Date Inspected	Renewal Action Cost	Replacement Cost
A - Substructure	Foundation Wall and Footings - No Basement	75	0.00	2031	Apr 26, 2021	1,846	30,762
A - Substructure	Structural Slab on Grade - Non-Industrial - 4-In.	75	0.00	2031	Apr 26, 2021	927	14,832
B10 - Superstructure	Single-Story - Steel Framed Roof on Columns	75	0.00	2031	Apr 26, 2021	1,529	24,464
B2010 - Exterior Walls	Vinyl Siding	40	0.00	2035	Apr 26, 2021	4,084	32,670
B2020 - Exterior Windows	Windows - Vinyl	30	1.25	2025	Apr 26, 2021	194	155
B2030 - Exterior Doors	Door Assembly - 6 x 7 HM	30	1.25	2025	Apr 26, 2021	20,085	16,068
B30 - Roofing	Metal Roofing - High End	65	0.00	2060	Apr 26, 2021	98,111	78,489
C1010 - Partitions	GWB Partitions - Standard (Non-Painted)	50	0.00	2060	Apr 26, 2021	16,436	26,298
C1010 - Partitions	GWB Partitions On Furring (Non-Painted)	50	0.00	2060	Apr 26, 2021	3,653	5,844
C1017 - Interior Windows and Storefronts	Counter Window - Sliding	50	0.00	2060	Apr 26, 2021	660	528
C1020 - Interior Doors	Swinging Doors - 3 x 7 Wd - NR	50	0.00	2060	Apr 26, 2021	41,866	33,493
C3010 - Wall Finishes	Painted Finish - (1 Coat Prime - 2 Coats Finish)	10	1.25	2025	Apr 26, 2021	4,950	3,960
C3020 - Floor Finishes	Carpet - Broadloom - Medium Range	10	0.00	2027	Apr 26, 2021	5,138	4,110
C3020 - Floor Finishes	Vinyl Composition Tile - Quality	20	0.00	2037	Apr 26, 2021	2,447	1,958
C3030 - Ceiling Finishes	GWB Taped and Finished	30	0.00	2040	Apr 26, 2021	10,269	8,215
D2010 - Plumbing Fixtures	Restroom Fixtures	30	0.00	2038	Apr 26, 2021	5,446	4,357
D3030 - Cooling Generating Systems	Heat Pump DX Condensing Unit - 2 1/2 Ton	15	0.00	2035	Apr 26, 2021	4,690	3,752
D3040 - Distribution Systems	Central AHU - Const Volume w/Distribution	25	0.00	2033	Apr 26, 2021	45,151	36,121
D3040 - Distribution Systems	Exhaust System - Restroom Ceiling Fan	20	0.00	2028	Apr 26, 2021	773	619
D3050 - Terminal and Package Units	Window AC Units	10	1.05	2025	Apr 26, 2021	3,429	3,266
D40 - Fire Protection	Fire Extinguishers - Dry Chemical	30	0.00	2051	Apr 26, 2021	512	488
D5012 - Low Tension Service and Dist.	Main Electrical Service - 100A 208Y/120V	30	0.00	2038	Apr 26, 2021	9,397	7,518
D5020 - Lighting and Branch Wiring	Lighting - Exterior - LED Fixtures	20	0.00	2028	Apr 26, 2021	2,282	1,826
D5021 - Branch Wiring Devices	Branch Wiring - Equipment & Devices	30	0.00	2038	Apr 26, 2021	6,089	4,871
D5022 - Lighting Equipment	Lighting Fixtures	20	0.00	2028	Apr 26, 2021	7,355	5,884
D5039 - Local Area Networks	LAN System	15	1.06	2023	Apr 26, 2021	7,561	7,133
D5092 - Emergency Light and Power Systems	Emergency Battery Pack Lights	10	1.25	2024	Apr 26, 2021	4,560	3,648
D5092 - Emergency Light and Power Systems	Emergency Generator	20	0.00	2029	Apr 26, 2021	35,396	28,316
D5092 - Emergency Light and Power Systems	Exit Signs	10	1.25	2023	Apr 26, 2021	4,005	3,204

Asset: Campus Police Department 12

392,849

Summary

392,849

Currency : USD

Region: Richard Bland College of William & Mary

Asset: Center for Student Affairs 98

Campus: Buildings

Asset Size: 7,274 SF

Asset Replacement Value: 2,213,556

System Category	System Name	Lifetime	SCI	Renewal Action FY	Date Inspected	Renewal Action Cost	Replacement Cost
A - Substructure	Foundation Wall and Footings - No Basement - 1934	75	0.00	2031	Apr 26, 2021	4,525	75,417
A - Substructure	Foundation Wall and Footings - No Basement - 2006	75	0.00	2081	Apr 26, 2021	1,846	30,762
A - Substructure	Structural Slab on Grade - Basement Floor - 1934	75	0.00	2031	Apr 26, 2021	1,608	26,795
A - Substructure	Structural Slab on Grade - Basement Floor - 2006	75	0.00	2081	Apr 26, 2021	792	13,194
B10 - Superstructure	Decks - Front	25	0.00	2031	Apr 26, 2021	120,955	96,764
B10 - Superstructure	Multi-Story - Wood Frame - 1934	75	0.00	2031	Apr 26, 2021	10,491	174,843
B10 - Superstructure	Multi-Story - Wood Frame - 2006	75	0.00	2081	Apr 26, 2021	5,166	86,094
B1015 - Exterior Stairs and Fire Escapes	Exterior Stairs - Wood	20	0.00	2031	Apr 26, 2021	3,810	3,401
B2010 - Exterior Walls	Fiber Cement Siding Walls	60	0.00	2066	Apr 26, 2021	1,994	15,948
B2010 - Exterior Walls	Vinyl Siding/Soffits	40	0.22	2046	Apr 26, 2021	23,389	187,110
B2011 - Exterior Wall Construction	Painted Finish - Porch	15	0.00	2027	Apr 26, 2021	3,300	2,640
B2020 - Exterior Windows	Wood Windows	30	0.00	2036	Apr 26, 2021	68,818	55,054
B2030 - Exterior Doors	Door Assembly - 3 x 7 Storefront	30	0.00	2036	Apr 26, 2021	16,934	13,548
B2030 - Exterior Doors	Door Assembly - 6 x 7 Storefront	30	0.00	2036	Apr 26, 2021	55,151	44,121
B30 - Roofing	Gutters and Downspouts - Aluminum	30	0.00	2036	Apr 26, 2021	3,293	2,634
B30 - Roofing	Metal Roofing - High End	65	0.00	2071	Apr 26, 2021	263,351	210,681
C1010 - Partitions	GWB Partitions - Standard (Non-Painted)	50	0.00	2056	Apr 26, 2021	133,316	213,306
C1010 - Partitions	GWB Partitions On Furring (Non-Painted)	50	0.00	2056	Apr 26, 2021	3,896	6,234
C1017 - Interior Windows and Storefronts	Counter Window - Sliding	50	0.00	2056	Apr 26, 2021	1,319	1,056
C1020 - Interior Doors	Swinging Doors - 3 x 7 Wd - NR	50	0.00	2056	Apr 26, 2021	175,836	140,669
C1030 - Fittings	Restroom Accessories	25	0.00	2031	Apr 26, 2021	28,077	22,462
C1035 - Identifying Devices	Fittings - Signage (Room Numbering and Identification)	10	1.25	2026	Apr 26, 2021	3,586	2,869
C20 - Stairs	Stairs - Wood Framed - Exit	75	0.00	2081	Apr 26, 2021	1,276	3,401
C3010 - Wall Finishes	Painted Finish - (1 Coat Prime - 2 Coats Finish)	10	1.25	2025	Apr 26, 2021	29,700	23,760
C3020 - Floor Finishes	Carpeting - Broadloom - Medium Range	10	1.25	2026	Apr 26, 2021	56,512	45,210
C3020 - Floor Finishes	Vinyl Composition Tile - Quality	20	1.25	2026	Apr 26, 2021	8,809	7,047
C3020 - Floor Finishes	Wood Flooring - Quality	25	0.00	2031	Apr 26, 2021	20,948	16,759
C3030 - Ceiling Finishes	ACT System - Quality	20	1.25	2026	Apr 26, 2021	41,400	33,120
C3030 - Ceiling Finishes	GWB Ceilings - Taped and Finished	30	0.00	2036	Apr 26, 2021	19,792	15,834
D1010 - Elevators and Lifts	Hydraulic Passenger Elevator	35	0.00	2040	Apr 26, 2021	148,823	119,059
D2010 - Plumbing Fixtures	Custodial/Utility Sinks - Floor Sink	30	0.00	2035	Apr 26, 2021	17,272	13,818
D2010 - Plumbing Fixtures	Kitchenette - Cabinet, Counter and Sink	30	0.00	2035	Apr 26, 2021	5,848	4,679
D2010 - Plumbing Fixtures	Restroom Fixtures	30	0.00	2035	Apr 26, 2021	21,786	17,429
D2010 - Plumbing Fixtures	Water Coolers - Wall-Mounted	20	1.25	2025	Apr 26, 2021	8,185	6,548
D2020 - Domestic Water Distribution	Water Distribution Complete	30	0.00	2035	Apr 26, 2021	22,376	19,979
D2020 - Domestic Water Distribution	Water Heater - Electric - 30 Gal	10	1.12	2023	Apr 26, 2021	5,672	5,064
D2030 - Sanitary Waste	Sanitary Waste - Gravity Discharge	50	0.00	2055	Apr 26, 2021	32,002	25,602
D3030 - Cooling Generating Systems	Heat Pump DX Condensing Unit - 4 Ton	15	1.25	2023	Apr 26, 2021	15,384	12,307
D3030 - Cooling Generating Systems	Heat Pump DX Condensing Unit - 5 Ton	15	0.00	2027	Apr 26, 2021	19,534	15,627
D3040 - Distribution Systems	Central AHU - Const Volume w/Distribution	25	0.00	2030	Apr 26, 2021	180,605	144,484
D3040 - Distribution Systems	Exhaust System - Duct Mounted Exhaust Fan	15	1.25	2023	Apr 26, 2021	4,151	3,321
D3040 - Distribution Systems	HVAC Distribution Ductwork	25	0.00	2030	Apr 26, 2021	44,457	35,566
D3040 - Distribution Systems	Perimeter Heat - Electric Baseboard	30	0.00	2035	Apr 26, 2021	1,105	987
D3050 - Terminal and Package Units	Split DX AC	15	1.25	2023	Apr 26, 2021	7,127	5,701
D3060 - Controls and Instrumentation	Electric Controls	20	1.25	2025	Apr 26, 2021	18,317	14,654
D40 - Fire Protection	Fire Extinguishers - Dry Chemical	30	0.00	2051	Apr 26, 2021	1,365	1,300

Currency : USD

System Category	System Name	Lifetime	SCI	Renewal Action FY	Date Inspected	Renewal Action Cost	Replacement Cost	
D5012 - Low Tension Service and Dist.	Main Electrical Service - 400A 208Y/120V	30	0.00	2035	Apr 26, 2021	52,311	41,849	
D5020 - Lighting and Branch Wiring	Lighting - Exterior - CFL Fixtures	20	1.25	2025	Apr 26, 2021	6,125	4,900	
D5020 - Lighting and Branch Wiring	Lighting - Exterior - HID Wall Packs	20	1.25	2025	Apr 26, 2021	6,846	5,477	
D5021 - Branch Wiring Devices	Branch Wiring - Equipment & Devices	30	0.00	2035	Apr 26, 2021	32,833	26,267	
D5022 - Lighting Equipment	Lighting Fixtures	20	1.25	2025	Apr 26, 2021	39,660	31,728	
D5032 - Intercommunication and Paging System	Emergency Alert Box System	10	1.25	2024	Apr 26, 2021	2,141	1,713	
D5038 - Security and Detection Systems	Security System - CCTV - Cameras	10	0.00	2028	Apr 26, 2021	8,405	6,724	
D5039 - Local Area Networks	LAN System	15	1.06	2023	Apr 26, 2021	40,769	38,461	
D5092 - Emergency Light and Power Systems	Emergency Battery Pack Lights	10	1.25	2023	Apr 26, 2021	5,700	4,560	
D5092 - Emergency Light and Power Systems	Exit Signs	10	1.25	2023	Apr 26, 2021	12,015	9,612	
E - Equipment and Furnishings	Fixed Casework	25	0.00	2031	Apr 26, 2021	11,078	8,863	
G2030 - Pedestrian Paving	Pedestrian Pavement - Concrete	25	0.00	2031	Apr 26, 2021	10,342	16,548	
Asset: Center for Student Affairs 98							2,213,556	
Summary							2,213,556	

Currency : USD

Region: Richard Bland College of William & Mary

Asset: Ernst Hall 99

Campus: Buildings

Asset Size: 33,324 SF

Asset Replacement Value: 9,765,831

System Category	System Name	Lifetime	SCI	Renewal Action FY	Date Inspected	Renewal Action Cost	Replacement Cost
A - Substructure	Foundation Wall and Footings - No Basement	75	0.00	2043	Apr 26, 2021	8,931	148,849
A - Substructure	Foundation Wall and Footings 8-Ft - Partial Basement	75	0.00	2043	Apr 26, 2021	4,094	65,497
A - Substructure	Structural Slab on Grade - Non-Industrial - 4-In.	75	0.00	2043	Apr 26, 2021	11,552	184,826
B10 - Superstructure	Multi-Story - Steel	75	0.00	2043	Apr 26, 2021	105,430	1,686,878
B10 - Superstructure	Sloped Seating - Concrete - Auditorium	75	0.00	2043	Apr 26, 2021	5,003	80,045
B1014 - Ramps	Exterior Accessible Ramp - Concrete	50	0.00	2064	Apr 26, 2021	8,205	65,640
B1015 - Exterior Stairs and Fire Escapes	Exterior Stairs - Concrete	50	0.00	2064	Apr 26, 2021	27,480	21,984
B2010 - Exterior Walls	Brick Cavity Walls - CMU Backup	75	0.02	2043	Apr 26, 2021	84,247	673,974
B2010 - Exterior Walls	Composite Metal Paneled Walls - Metal Stud Backup	60	0.00	2074	Apr 26, 2021	16,032	128,256
B2010 - Exterior Walls	Pre-Cast Concrete Panels - Metal Stud Backup	75	0.00	2043	Apr 26, 2021	35,918	287,343
B2016 - Exterior Soffits	Exterior Soffit - Stucco	25	0.00	2031	Apr 26, 2021	29,094	23,275
B2016 - Exterior Soffits	Exterior Soffits - Painted Finish	15	0.00	2029	Apr 26, 2021	2,392	1,914
B2016 - Exterior Soffits	Metal Soffits - High Quality	60	0.00	2074	Apr 26, 2021	2,366	18,924
B2020 - Exterior Windows	Aluminum Windows	30	0.00	2044	Apr 26, 2021	426,780	341,424
B2030 - Exterior Doors	Automatic Openers - Single	30	0.00	2044	Apr 26, 2021	33,821	27,057
B2030 - Exterior Doors	Door Assembly - 3 x 7 HM	30	0.00	2044	Apr 26, 2021	5,195	4,156
B2030 - Exterior Doors	Door Assembly - 6 x 7 HM	30	0.00	2044	Apr 26, 2021	10,043	8,034
B2030 - Exterior Doors	Door Assembly - 6 x 7 Storefront	30	0.09	2044	Apr 26, 2021	68,939	55,151
B30 - Roofing	Metal Roofing - High End	65	0.00	2079	Apr 26, 2021	77,456	61,965
B30 - Roofing	Single-Ply Membrane - Fully Adhered	25	0.00	2039	Apr 26, 2021	241,887	193,510
B30 - Roofing	Slate Tile Roofing	75	0.00	2043	Apr 26, 2021	99,380	79,504
B3022 - Roof Hatches	Roof Hatch	40	0.00	2054	Apr 26, 2021	1,815	1,452
C1010 - Partitions	CMU Block Walls - Plain	50	0.00	2064	Apr 26, 2021	62,544	100,878
C1010 - Partitions	GWB Partitions - Standard (Non-Painted)	50	0.00	2064	Apr 26, 2021	557,006	891,210
C1010 - Partitions	GWB Partitions On Furring (Non-Painted)	50	0.00	2064	Apr 26, 2021	27,274	43,638
C1010 - Partitions	Windows/Storefront Partitions	50	0.00	2064	Apr 26, 2021	134,773	217,376
C1020 - Interior Doors	Sliding Doors - Pair - 4 x 7 Wd - NR - Barn Door	50	0.00	2064	Apr 26, 2021	40,862	32,690
C1020 - Interior Doors	Swinging Doors - 3 x 7 HM - NR	50	0.00	2064	Apr 26, 2021	14,519	11,616
C1020 - Interior Doors	Swinging Doors - 3 x 7 Wd - NR	50	0.00	2064	Apr 26, 2021	175,836	140,669
C1030 - Fittings	Restroom Accessories	25	0.00	2039	Apr 26, 2021	56,154	44,923
C1030 - Fittings	Toilet Partitions	40	0.00	2054	Apr 26, 2021	31,237	24,990
C1035 - Identifying Devices	Fittings - Signage (Room Numbering and Identification)	10	1.25	2024	Apr 26, 2021	16,430	13,144
C20 - Stairs	Stairs - Monumental	75	0.00	2089	Apr 26, 2021	30,593	81,581
C2014 - Stair Handrails and Balustrades	Interior Metal/Glass Railings	75	0.00	2089	Apr 26, 2021	22,314	17,851
C3010 - Wall Finishes	Ceramic Wall Tile	25	0.00	2039	Apr 26, 2021	48,785	39,028
C3010 - Wall Finishes	Painted Finish - (1 Coat Prime - 2 Coats Finish)	10	1.25	2024	Apr 26, 2021	107,250	85,800
C3010 - Wall Finishes	Wall Finish - Wood Paneling	25	0.00	2039	Apr 26, 2021	179,775	143,820
C3020 - Floor Finishes	Carpeting - Tile	10	1.25	2024	Apr 26, 2021	128,960	103,168
C3020 - Floor Finishes	Ceramic Tile	25	0.00	2039	Apr 26, 2021	67,100	53,680
C3020 - Floor Finishes	Epoxy Floor Finish - Interior	50	0.00	2064	Apr 26, 2021	14,115	11,292
C3020 - Floor Finishes	Terrazzo - Cast-in-Place	50	0.00	2064	Apr 26, 2021	325,716	260,572
C3020 - Floor Finishes	Vinyl Composition Tile - Quality	20	0.00	2034	Apr 26, 2021	8,319	6,656
C3030 - Ceiling Finishes	ACT System - Quality	20	0.00	2034	Apr 26, 2021	276,000	220,800
C3030 - Ceiling Finishes	GWB Taped and Finished	30	0.00	2044	Apr 26, 2021	13,702	10,962
D1010 - Elevators and Lifts	Hydraulic Passenger Elevator	35	1.25	2023	Apr 26, 2021	136,448	109,159
D1013 - Lifts	Wheelchair Lift	25	0.00	2039	Apr 26, 2021	21,910	20,866

Currency : USD

System Category	System Name	Lifetime	SCI	Renewal Action FY	Date Inspected	Renewal Action Cost	Replacement Cost
D2010 - Plumbing Fixtures	Custodial/Utility Sinks	30	0.00	2044	Apr 26, 2021	4,969	3,975
D2010 - Plumbing Fixtures	Kitchenette - Cabinet, Counter and Sink	30	0.00	2044	Apr 26, 2021	11,697	9,357
D2010 - Plumbing Fixtures	Restroom Fixtures	30	0.00	2044	Apr 26, 2021	110,876	88,701
D2010 - Plumbing Fixtures	Water Coolers - Wall-Mounted Dual Height	20	0.00	2034	Apr 26, 2021	23,887	19,109
D2020 - Domestic Water Distribution	Water Distribution Complete	30	0.00	2044	Apr 26, 2021	102,510	91,527
D2020 - Domestic Water Distribution	Water Heater - Gas - 50 Gal	10	1.12	2024	Apr 26, 2021	15,789	14,098
D2030 - Sanitary Waste	Sanitary Waste - Gravity Discharge	50	0.00	2064	Apr 26, 2021	146,611	117,289
D2040 - Rain Water Drainage	Roof Drainage - Gravity	50	0.00	2064	Apr 26, 2021	114,250	91,400
D3030 - Cooling Generating Systems	DX Condensing Unit - 2 Ton	15	0.00	2034	Apr 26, 2021	3,453	2,762
D3040 - Distribution Systems	Central AHU - Const Volume w/Distribution	25	0.00	2044	Apr 26, 2021	45,151	36,121
D3040 - Distribution Systems	Exhaust System - Duct Mounted Exhaust Fan	15	0.00	2029	Apr 26, 2021	4,151	3,321
D3040 - Distribution Systems	Exhaust System - Roof Fan - Medium	20	0.00	2034	Apr 26, 2021	18,723	14,979
D3050 - Terminal and Package Units	Rooftop Unitary AC - Cooling w/Electric Heat - OAU-1	15	0.00	2029	Apr 26, 2021	119,465	95,572
D3050 - Terminal and Package Units	Rooftop Unitary AC - Cooling w/Electric Heat - RTU 1	15	1.25	2023	Apr 26, 2021	285,023	228,018
D3050 - Terminal and Package Units	Unit Heaters - Electric	15	0.00	2029	Apr 26, 2021	9,360	8,358
D3050 - Terminal and Package Units	Variable Refrigerant Volume DX Heat Pumps	15	0.00	2029	Apr 26, 2021	519,545	415,636
D3060 - Controls and Instrumentation	Electric Controls	20	1.25	2026	Apr 26, 2021	83,915	67,132
D40 - Fire Protection	Fire Extinguishers - Dry Chemical	30	0.00	2051	Apr 26, 2021	1,536	1,463
D40 - Fire Protection	Wet Sprinkler System - Light Hazard wo/Pump	35	0.00	2049	Apr 26, 2021	346,817	277,453
D5012 - Low Tension Service and Dist.	Distribution Equipment, Panelboards, and Feeders - 1600A 208Y/120V	30	0.00	2044	Apr 26, 2021	396,519	317,215
D5020 - Lighting and Branch Wiring	Lighting - Exterior - CFL Fixtures	20	0.00	2034	Apr 26, 2021	6,737	5,390
D5020 - Lighting and Branch Wiring	Lighting - Exterior - HID Wall Packs	20	0.00	2034	Apr 26, 2021	5,705	4,564
D5021 - Branch Wiring Devices	Branch Wiring - Equipment & Devices	30	0.00	2044	Apr 26, 2021	150,417	120,334
D5022 - Lighting Equipment	Lighting Fixtures	20	0.00	2034	Apr 26, 2021	296,429	237,143
D5032 - Intercommunication and Paging System	Emergency Alert Box System	10	1.25	2024	Apr 26, 2021	12,846	10,277
D5033 - Telephone Systems	Telephone System	10	1.06	2024	Apr 26, 2021	164,122	154,832
D5038 - Security and Detection Systems	Security System - Card Access System	10	1.25	2024	Apr 26, 2021	42,541	34,032
D5038 - Security and Detection Systems	Security System - CCTV - Cameras	10	0.00	2028	Apr 26, 2021	27,032	21,626
D5039 - Local Area Networks	LAN System	15	0.00	2029	Apr 26, 2021	186,773	176,201
D5091 - Grounding Systems	Lightning Protection System	30	0.00	2044	Apr 26, 2021	42,479	33,983
D5092 - Emergency Light and Power Systems	Emergency Generator	20	0.00	2034	Apr 26, 2021	55,226	44,181
E - Equipment and Furnishings	Fixed Auditorium Seating	35	0.00	2049	Apr 26, 2021	74,474	119,159
E - Equipment and Furnishings	Fixed Casework	25	0.00	2039	Apr 26, 2021	66,470	53,176
E10 - Equipment	Roof Access Ladder - Interior	50	0.00	2031	Apr 26, 2021	1,780	1,424
Asset: Ernst Hall 99							9,785,831
Summary							9,785,831

Currency : USD

Region: Richard Bland College of William & Mary

Asset: Freedom Hall 1

Campus: Buildings

Asset Size: 63,319 SF

Asset Replacement Value: 19,103,091

System Category	System Name	Lifetime	SCI	Renewal Action FY	Date Inspected	Renewal Action Cost	Replacement Cost
A - Substructure	Foundation Wall and Footings - No Basement	75	0.00	2083	Apr 26, 2021	8,336	138,926
A - Substructure	Structural Slab on Grade - Non-Industrial - 4-In.	75	0.00	2083	Apr 26, 2021	10,878	174,051
B10 - Superstructure	Fireproofing - Fiber Encasement	75	0.00	2083	Apr 26, 2021	443,407	354,726
B10 - Superstructure	Multi-Story - Steel	75	0.00	2083	Apr 26, 2021	200,327	3,205,239
B2010 - Exterior Walls	Brick Veneer Walls - Metal Stud Backup	75	0.00	2083	Apr 26, 2021	90,919	757,659
B2010 - Exterior Walls	EIFS Veneer Walls - Metal Stud Backup	60	0.00	2068	Apr 26, 2021	20,966	174,714
B2010 - Exterior Walls	Metal Paneled - Soffit	60	0.00	2068	Apr 26, 2021	150,964	120,771
B2020 - Exterior Windows	Aluminum Windows	30	0.00	2038	Apr 26, 2021	782,430	625,944
B2030 - Exterior Doors	Door Assembly - 3 x 7 HM	30	0.00	2038	Apr 26, 2021	31,169	24,935
B2030 - Exterior Doors	Door Assembly - 3 x 7 Storefront	30	0.00	2038	Apr 26, 2021	16,934	13,548
B2030 - Exterior Doors	Door Assembly - 6 x 7 Storefront	30	0.00	2038	Apr 26, 2021	13,788	11,030
B30 - Roofing	Asphalt Shingled Roofing	20	0.00	2028	Apr 26, 2021	130,502	104,402
B30 - Roofing	Gutters and Downspouts - Aluminum	30	0.00	2038	Apr 26, 2021	10,022	8,018
B30 - Roofing	Metal Roofing - High End	65	0.00	2073	Apr 26, 2021	30,982	24,786
B30 - Roofing	Single-Ply Membrane - Fully Adhered	25	0.00	2033	Apr 26, 2021	66,357	53,086
B3022 - Roof Hatches	Roof Hatch	40	0.00	2048	Apr 26, 2021	7,259	5,807
C1010 - Partitions	CMU Block Walls - Plain	50	0.00	2058	Apr 26, 2021	131,527	212,140
C1010 - Partitions	GWB Partitions - Standard (Non-Painted)	50	0.00	2058	Apr 26, 2021	1,214,456	1,943,130
C1010 - Partitions	GWB Partitions On Furring (Non-Painted)	50	0.00	2058	Apr 26, 2021	35,310	56,496
C1020 - Interior Doors	Swinging Doors - 3 x 7 HM - NR	50	0.00	2058	Apr 26, 2021	261,351	209,080
C1020 - Interior Doors	Swinging Doors - 3 x 7 Storefront	50	0.00	2058	Apr 26, 2021	25,402	20,321
C1020 - Interior Doors	Swinging Doors - 3 x 7 Wd - NR	50	0.00	2058	Apr 26, 2021	1,766,731	1,413,385
C1020 - Interior Doors	Swinging Doors - Pair - 6 x 7 HM - NR	50	0.00	2058	Apr 26, 2021	25,212	20,170
C1020 - Interior Doors	Swinging Doors - Pair - 6 x 7 Wd - NR	50	0.00	2058	Apr 26, 2021	46,186	36,949
C1030 - Fittings	Restroom Accessories	25	0.00	2033	Apr 26, 2021	112,308	89,846
C1035 - Identifying Devices	Fittings - Signage (Room Numbering and Identification)	10	1.25	2026	Apr 26, 2021	31,219	24,975
C20 - Stairs	Stairs - Exit	75	0.03	2083	Apr 26, 2021	47,265	126,040
C2021 - Stair, Tread, and Landing Finishes	Rubber Treads - Stairs	15	1.25	2026	Apr 26, 2021	21,557	17,246
C3010 - Wall Finishes	Painted Finish - (1 Coat Prime - 2 Coats Finish)	10	0.00	2028	Apr 26, 2021	301,950	241,560
C3020 - Floor Finishes	Carpeting - Broadloom - Medium Range	10	1.25	2024	Apr 26, 2021	164,400	131,520
C3020 - Floor Finishes	Carpeting - Tile - 2018-20	10	0.00	2028	Apr 26, 2021	113,964	91,172
C3020 - Floor Finishes	Ceramic Tile	25	0.00	2033	Apr 26, 2021	33,550	26,840
C3020 - Floor Finishes	Terrazzo - Cast-in-Place	50	0.00	2058	Apr 26, 2021	26,409	21,128
C3020 - Floor Finishes	Vinyl Composition Tile - Quality - 2008	20	0.00	2028	Apr 26, 2021	78,300	62,640
C3020 - Floor Finishes	Vinyl Composition Tile - Quality - 2018	20	0.00	2038	Apr 26, 2021	92,981	74,385
C3020 - Floor Finishes	Vinyl Sheet Goods - Quality	12	1.25	2024	Apr 26, 2021	69,202	55,361
C3030 - Ceiling Finishes	ACT System - Quality	20	0.00	2028	Apr 26, 2021	81,938	65,550
C3030 - Ceiling Finishes	GWB Taped and Finished	30	0.00	2038	Apr 26, 2021	411,075	328,860
D1010 - Elevators and Lifts	Hydraulic Passenger Elevator	35	0.00	2043	Apr 26, 2021	263,728	210,982
D2010 - Plumbing Fixtures	Custodial/Utility Sinks	30	0.00	2038	Apr 26, 2021	9,938	7,951
D2010 - Plumbing Fixtures	Kitchenette - Cabinet, Counter and Sink	30	0.00	2038	Apr 26, 2021	216,386	173,109
D2010 - Plumbing Fixtures	Restroom Fixtures	30	0.00	2044	Apr 26, 2021	1,216,841	973,473
D2010 - Plumbing Fixtures	Water Coolers - Wall-Mounted	20	0.00	2028	Apr 26, 2021	4,093	3,274
D2020 - Domestic Water Distribution	Pressure Booster Pump - Duplex 7.5 HP	15	1.12	2023	Apr 26, 2021	93,044	83,075
D2020 - Domestic Water Distribution	Water Dist Complete	30	0.00	2038	Apr 26, 2021	358,769	320,329
D2020 - Domestic Water Distribution	Water Heater - Elec - 52 Gal	10	1.12	2023	Apr 26, 2021	252,587	225,524

Currency : USD

System Category	System Name	Lifetime	SCI	Renewal Action FY	Date Inspected	Renewal Action Cost	Replacement Cost
D2020 - Domestic Water Distribution	Water Heater - Elec - Residential - 10 Gal	10	1.12	2023	Apr 26, 2021	14,575	13,013
D2020 - Domestic Water Distribution	Water Heater - Electric - Point of Use	10	1.12	2023	Apr 26, 2021	1,022	913
D2030 - Sanitary Waste	Sanitary Waste - Gravity Discharge	50	0.00	2058	Apr 26, 2021	278,576	222,861
D2040 - Rain Water Drainage	Roof Drainage - Gravity	50	0.00	2058	Apr 26, 2021	217,086	173,669
D3030 - Cooling Generating Systems	Heat Pump DX Condensing Unit - 2 Ton	15	1.25	2023	Apr 26, 2021	168,845	135,076
D3030 - Cooling Generating Systems	Heat Pump DX Condensing Unit - 3 1/2 Ton	15	1.25	2023	Apr 26, 2021	27,109	21,687
D3030 - Cooling Generating Systems	Heat Pump DX Condensing Unit - 3 1/2 Ton - 2016	15	0.00	2031	Apr 26, 2021	6,777	5,422
D3030 - Cooling Generating Systems	Heat Pump DX Condensing Unit - 3 Ton	15	1.25	2023	Apr 26, 2021	18,451	14,761
D3040 - Distribution Systems	Central AHU - Const Volume w/Distribution	25	0.00	2033	Apr 26, 2021	1,760,899	1,408,719
D3040 - Distribution Systems	Exhaust System - Roof Fan - Medium	20	0.00	2028	Apr 26, 2021	18,723	14,979
D3040 - Distribution Systems	HVAC Distribution Ductwork	25	0.00	2033	Apr 26, 2021	1,186,919	949,535
D3050 - Terminal and Package Units	Rooftop Unitary AC - Cooling Only - 2008	15	0.00	2027	Apr 26, 2021	26,687	21,349
D3050 - Terminal and Package Units	Rooftop Unitary AC - Cooling Only - 2012 - RTU-2	15	0.00	2027	Apr 26, 2021	27,188	21,751
D3050 - Terminal and Package Units	Rooftop Unitary AC - Cooling Only - 2012 - RTU-4	15	0.00	2027	Apr 26, 2021	57,884	46,307
D3050 - Terminal and Package Units	Split DX AC - 2008	15	1.25	2023	Apr 26, 2021	7,127	5,701
D3050 - Terminal and Package Units	Split DX AC - 2017	15	0.00	2032	Apr 26, 2021	3,996	3,196
D3050 - Terminal and Package Units	Unit Heaters - Electric	15	1.12	2023	Apr 26, 2021	10,188	9,097
D3060 - Controls and Instrumentation	Electric Controls	20	0.00	2028	Apr 26, 2021	159,447	127,558
D40 - Fire Protection	Fire Extinguishers - Dry Chemical	30	0.00	2051	Apr 26, 2021	2,560	2,438
D40 - Fire Protection	Wet Sprinkler System - Light Hazard w/Pump	35	0.00	2043	Apr 26, 2021	736,927	589,542
D5012 - Low Tension Service and Dist.	Distribution Equipment, Panelboards, and Feeders - 2500A 208Y/120V	30	0.00	2038	Apr 26, 2021	523,850	419,080
D5020 - Lighting and Branch Wiring	Lighting - Exterior - CFL Fixtures	20	0.00	2028	Apr 26, 2021	8,575	6,860
D5021 - Branch Wiring Devices	Branch Wiring - Equipment & Devices	30	0.00	2038	Apr 26, 2021	285,808	228,646
D5022 - Lighting Equipment	Lighting Fixtures	20	0.00	2028	Apr 26, 2021	345,231	276,185
D5032 - Intercommunication and Paging System	Emergency Alert Box System	10	1.25	2024	Apr 26, 2021	8,564	6,851
D5033 - Telephone Systems	Telephone System	10	1.06	2024	Apr 26, 2021	311,848	294,196
D5037 - Fire Alarm Systems	Fire Alarm Control Panel	10	1.25	2023	Apr 26, 2021	69,269	55,415
D5037 - Fire Alarm Systems	Fire Alarm System - Devices	10	1.25	2023	Apr 26, 2021	134,871	107,897
D5037 - Fire Alarm Systems	Fire Alarm System - Wiring and Conduit	30	0.00	2038	Apr 26, 2021	66,524	53,219
D5038 - Security and Detection Systems	Security System - Card Access System	10	1.25	2025	Apr 26, 2021	80,831	64,665
D5038 - Security and Detection Systems	Security System - CCTV - Cameras	10	0.00	2028	Apr 26, 2021	26,897	21,518
D5039 - Local Area Networks	LAN System	15	1.06	2023	Apr 26, 2021	354,887	334,799
D5092 - Emergency Light and Power Systems	Emergency Generator	20	0.00	2028	Apr 26, 2021	154,100	123,280
D5092 - Emergency Light and Power Systems	Exit Signs	10	1.25	2023	Apr 26, 2021	10,012	8,010
E - Equipment and Furnishings	Fixed Casework - Average	25	0.00	2033	Apr 26, 2021	276,956	221,565
E - Equipment and Furnishings	Mailboxes - Average - Fixed	30	0.00	2038	Apr 26, 2021	27,292	21,834
E10 - Equipment	Roof Access Ladder - Ship Ladder	50	0.00	2058	Apr 26, 2021	5,881	4,705
G4021 - Fixtures and Transformers	Lighting Fixtures - Exterior - Landscape Bollard	20	0.00	2028	Apr 26, 2021	3,299	2,639
Asset: Freedom Hall 1							19,103,091
Summary							19,103,091

Currency : USD

Region: Richard Bland College of William & Mary

Asset: Hospitality House 15

Campus: Buildings

Asset Size: 2,343 SF

Asset Replacement Value: 801,876

System Category	System Name	Lifetime	SCI	Renewal Action FY	Date Inspected	Renewal Action Cost	Replacement Cost
A - Substructure	Foundation Wall and Footings - No Basement - Brick	75	0.00	2031	Apr 26, 2021	3,484	55,744
A - Substructure	Structural Slab on Grade - Basement Floor	75	0.00	2031	Apr 26, 2021	264	4,398
B10 - Superstructure	Brick Chimney	50	0.00	2031	Apr 26, 2021	14,284	13,604
B10 - Superstructure	Multi-Story - Wood Frame	75	0.00	2031	Apr 26, 2021	5,043	84,049
B10 - Superstructure	Wood Porch - Front	25	0.00	2031	Apr 26, 2021	26,459	21,167
B2010 - Exterior Walls	Vinyl Siding	40	0.00	2047	Apr 26, 2021	4,269	34,155
B2011 - Exterior Wall Construction	Painted Finish - Deck/Trim	15	0.00	2029	Apr 26, 2021	3,300	2,640
B2020 - Exterior Windows	Windows - Vinyl	30	0.00	2044	Apr 26, 2021	3,234	2,587
B2030 - Exterior Doors	Door Assembly - 3 x 7 - Screen Door	30	0.00	2037	Apr 26, 2021	1,939	1,551
B2030 - Exterior Doors	Door Assembly - 3 x 7 Wood	30	0.00	2031	Apr 26, 2021	8,621	6,897
B30 - Roofing	Gutters and Downspouts - Aluminum	25	0.00	2039	Apr 26, 2021	2,334	1,867
B30 - Roofing	Metal Roofing - High End	65	0.00	2079	Apr 26, 2021	118,766	95,013
C1010 - Partitions	Plaster On Furring (Non-Painted)	50	0.00	2031	Apr 26, 2021	8,580	13,728
C1010 - Partitions	Plaster Partitions - Standard (Non-Painted)	50	0.00	2031	Apr 26, 2021	38,136	61,017
C1020 - Interior Doors	Wood Interior Doors - Residential	50	0.00	2031	Apr 26, 2021	19,026	15,221
C20 - Stairs	Stairs - Wood - Residential	75	0.00	2031	Apr 26, 2021	1,425	3,852
C3010 - Wall Finishes	Ceramic Wall Tile	25	0.00	2039	Apr 26, 2021	1,500	1,200
C3010 - Wall Finishes	Painted Finish	10	1.25	2023	Apr 26, 2021	8,250	6,600
C3020 - Floor Finishes	Ceramic Floor Tile	25	0.00	2039	Apr 26, 2021	7,996	6,396
C3020 - Floor Finishes	Wood Flooring	25	1.25	2026	Apr 26, 2021	48,684	38,948
C3030 - Ceiling Finishes	Painted Plaster Ceilings	30	0.00	2031	Apr 26, 2021	29,829	23,863
D20 - Plumbing	Sump Pump - Submersible - 1/4 HP	12	1.12	2026	Apr 26, 2021	2,268	2,025
D2010 - Plumbing Fixtures	Kitchen - Cabinet, Counter and Sink	30	0.00	2044	Apr 26, 2021	5,848	4,679
D2010 - Plumbing Fixtures	Restroom Fixtures	30	0.00	2044	Apr 26, 2021	21,135	16,908
D2010 - Plumbing Fixtures	Restroom Fixtures, Tiled Individual Shower	30	0.00	2044	Apr 26, 2021	10,391	8,313
D2020 - Domestic Water Distribution	Water Dist Complete	30	0.00	2044	Apr 26, 2021	7,207	6,435
D2020 - Domestic Water Distribution	Water Heater - Elec - Residential - 50 Gal	10	1.12	2024	Apr 26, 2021	6,827	6,095
D2030 - Sanitary Waste	Sanitary Waste - Gravity Discharge	50	0.00	2064	Apr 26, 2021	10,308	8,247
D3012 - Gas Supply System	Natural Gas Service to Bldg - 1" Feed	40	0.00	2054	Apr 26, 2021	3,114	2,491
D3020 - Heat Generating Systems	Boiler HW - Gas-Fired	30	0.00	2044	Apr 26, 2021	41,342	33,074
D3030 - Cooling Generating Systems	DX Condensing Unit - 2 Ton - 2014	15	0.00	2029	Apr 26, 2021	8,226	6,581
D3040 - Distribution Systems	Central AHU - Const Volume w/Distribution	25	0.00	2039	Apr 26, 2021	90,303	72,242
D3040 - Distribution Systems	Exhaust System - Restroom Ceiling Fan	20	0.00	2034	Apr 26, 2021	773	619
D3040 - Distribution Systems	HVAC Distribution Ductwork	25	0.00	2039	Apr 26, 2021	24,825	19,860
D3040 - Distribution Systems	Perimeter Heat System - Hydronic Radiators	18	0.00	2027	Apr 26, 2021	29,331	26,188
D3040 - Distribution Systems	Ventilation System - Ceiling Fans	15	0.00	2029	Apr 26, 2021	5,485	4,388
D3060 - Controls and Instrumentation	Electric Controls	20	0.00	2036	Apr 26, 2021	5,900	4,720
D40 - Fire Protection	Fire Extinguishers - Dry Chemical	30	0.00	2051	Apr 26, 2021	171	163
D5012 - Low Tension Service and Dist.	Main Electrical Service - 100A 208Y/120V + Distribution	30	0.00	2044	Apr 26, 2021	29,435	23,548
D5020 - Lighting and Branch Wiring	Lighting - Exterior - Incandescent and CFL Fixtures	20	0.00	2028	Apr 26, 2021	2,450	1,960
D5021 - Branch Wiring Devices	Branch Wiring - Equipment & Devices	30	0.00	2044	Apr 26, 2021	10,576	8,461
D5022 - Lighting Equipment	Lighting Fixtures	20	0.00	2034	Apr 26, 2021	9,130	7,304
D5033 - Telephone Systems	Telephone System	10	0.00	2027	Apr 26, 2021	7,693	7,257
D5039 - Local Area Networks	LAN System	15	0.00	2032	Apr 26, 2021	13,132	12,389
D5092 - Emergency Light and Power Systems	Emergency Generator	20	0.00	2039	Apr 26, 2021	26,217	20,973
E10 - Equipment	Folding Attic Access Steps	50	0.00	2057	Apr 26, 2021	2,583	2,460

Asset: Hospitality House 15

801,876



Currency : USD

System Category	System Name	Lifetime	SCI	Renewal Action FY	Date Inspected	Renewal Action Cost	Replacement Cost
Summary							801,876

Currency : USD

Region: Richard Bland College of William & Mary

Asset: Humanities and Social Sciences Building 7

Campus: Buildings

Asset Size: 24,060 SF

Asset Replacement Value: 8,328,452

System Category	System Name	Lifetime	SCI	Renewal Action FY	Date Inspected	Renewal Action Cost	Replacement Cost
A - Substructure	Foundation Wall and Footings - No Basement	75	0.00	2031	Apr 26, 2021	10,777	179,611
A - Substructure	Foundation Wall and Footings 8-Ft - Partial Basement	75	0.00	2031	Apr 26, 2021	8,846	141,531
A - Substructure	Structural Slab on Grade - Non-Industrial - 4-In.	75	0.00	2031	Apr 26, 2021	16,534	264,540
B10 - Superstructure	Brick Chimney	50	0.00	2031	Apr 26, 2021	1,701	13,604
B10 - Superstructure	Single-Story - Concrete - Cast-in-Place	75	0.00	2031	Apr 26, 2021	47,661	762,582
B10 - Superstructure	Single-Story - Wood Framed Roof on Bearing Walls	75	0.00	2031	Apr 26, 2021	10,263	164,210
B1014 - Ramps	Exterior Accessible Ramp - Concrete	50	0.00	2060	Apr 26, 2021	5,128	41,025
B1015 - Exterior Stairs and Fire Escapes	Exterior Stairs - Concrete - 1991	50	0.00	2041	Apr 26, 2021	27,480	21,984
B1015 - Exterior Stairs and Fire Escapes	Exterior Stairs - Concrete - 2017	50	0.00	2060	Apr 26, 2021	6,870	5,496
B2010 - Exterior Walls	Brick Cavity Walls - CMU Backup	75	0.00	2031	Apr 26, 2021	78,898	631,182
B2010 - Exterior Walls	Wood Trim/Siding - Wood Stud Backup	50	0.00	2031	Apr 26, 2021	16,577	132,615
B2011 - Exterior Wall Construction	Painted Finish - Exterior Trim/Soffits	10	0.00	2027	Apr 26, 2021	24,975	19,980
B2020 - Exterior Windows	Aluminum Windows	30	1.25	2026	Apr 26, 2021	337,868	270,294
B2030 - Exterior Doors	Door Assembly - 3 x 7 HM	30	0.00	2047	Apr 26, 2021	15,585	12,468
B2030 - Exterior Doors	Door Assembly - 3 x 7 Wood - 1935	30	0.00	2031	Apr 26, 2021	21,553	17,242
B2030 - Exterior Doors	Door Assembly - 3 x 7 Wood - 1991	30	0.00	2031	Apr 26, 2021	120,698	96,558
B2030 - Exterior Doors	Door Assembly - 3 x 7 Wood - 2017	30	0.00	2047	Apr 26, 2021	8,621	6,897
B30 - Roofing	Metal Roofing - Copper	65	1.25	2026	Apr 26, 2021	15,491	12,393
B30 - Roofing	Slate Tile Roofing	75	0.00	2085	Apr 26, 2021	446,546	357,237
C1010 - Partitions	CMU Block Walls - Plain	50	0.00	2067	Apr 26, 2021	44,149	71,208
C1010 - Partitions	CMU Partitions - Glazed - 1 Face	50	0.00	2031	Apr 26, 2021	29,574	47,700
C1010 - Partitions	GWB Partitions - Standard (Non-Painted)	50	0.00	2067	Apr 26, 2021	401,775	642,840
C1010 - Partitions	GWB Partitions On Furring (Non-Painted)	50	0.00	2067	Apr 26, 2021	58,444	93,510
C1010 - Partitions	Windows/Storefront Partitions	50	0.00	2067	Apr 26, 2021	22,462	36,229
C1020 - Interior Doors	Swinging Doors - 3 x 7 Wd - NR - 1935	50	0.00	2031	Apr 26, 2021	20,933	16,746
C1020 - Interior Doors	Swinging Doors - 3 x 7 Wd - NR - 2017	50	0.00	2067	Apr 26, 2021	221,888	177,510
C1030 - Fittings	Restroom Accessories	25	0.00	2042	Apr 26, 2021	56,154	44,923
C1030 - Fittings	Toilet Partitions	40	0.00	2057	Apr 26, 2021	46,856	37,485
C1035 - Identifying Devices	Fittings - Signage (Room Numbering and Identification)	10	0.00	2027	Apr 26, 2021	11,863	9,490
C20 - Stairs	Stairs - Wood Framed - Exit	75	0.00	2031	Apr 26, 2021	2,551	6,803
C3010 - Wall Finishes	Ceramic Wall Tile	25	0.00	2042	Apr 26, 2021	48,785	39,028
C3010 - Wall Finishes	Painted Finish - (1 Coat Prime - 2 Coats Finish)	10	0.00	2027	Apr 26, 2021	82,500	66,000
C3020 - Floor Finishes	Carpeting - Tile	10	0.00	2027	Apr 26, 2021	1,799	1,440
C3020 - Floor Finishes	Ceramic Tile	25	0.00	2042	Apr 26, 2021	67,100	53,680
C3020 - Floor Finishes	Quarry Floor Tile - Average	25	1.25	2026	Apr 26, 2021	58,942	47,154
C3020 - Floor Finishes	Resilient Flooring - Wood Pattern	15	0.00	2032	Apr 26, 2021	6,572	5,258
C3020 - Floor Finishes	Vinyl Accoustical Tile - 1935	20	1.25	2022	Apr 26, 2021	78,300	62,640
C3020 - Floor Finishes	Vinyl Composition Tile - Quality	20	0.00	2037	Apr 26, 2021	78,300	62,640
C3030 - Ceiling Finishes	ACT System - Quality	20	0.00	2037	Apr 26, 2021	43,125	34,500
C3030 - Ceiling Finishes	GWB Taped and Finished	30	0.00	2047	Apr 26, 2021	152,250	121,800
D2010 - Plumbing Fixtures	Custodial/Utility Sinks - Floor Sink	30	0.00	2048	Apr 26, 2021	17,272	13,818
D2010 - Plumbing Fixtures	Kitchenette - Cabinet, Counter and Sink	30	0.00	2048	Apr 26, 2021	5,848	4,679
D2010 - Plumbing Fixtures	Restroom Fixtures	30	0.00	2048	Apr 26, 2021	143,634	114,907
D2010 - Plumbing Fixtures	Restroom Fixtures, Tiled Individual Shower	30	0.00	2048	Apr 26, 2021	155,864	124,691
D2010 - Plumbing Fixtures	Water Coolers - Wall-Mounted	20	0.00	2028	Apr 26, 2021	12,278	9,822
D2020 - Domestic Water Distribution	Water Distribution Complete	30	0.00	2047	Apr 26, 2021	136,325	121,719

Currency : USD

System Category	System Name	Lifetime	SCI	Renewal Action FY	Date Inspected	Renewal Action Cost	Replacement Cost
D2020 - Domestic Water Distribution	Water Heater - Gas - 120 Gal	10	0.00	2027	Apr 26, 2021	28,674	25,602
D2020 - Domestic Water Distribution	Water Heater - Gas - 80 Gal	10	0.00	2027	Apr 26, 2021	10,177	9,086
D2030 - Sanitary Waste	Sanitary Waste - Gravity Discharge	50	0.00	2058	Apr 26, 2021	105,854	84,683
D3012 - Gas Supply System	Natural Gas Service to Bldg - 1" Feed	40	0.00	2048	Apr 26, 2021	3,114	2,491
D3020 - Heat Generating Systems	Boiler HW - Gas-Fired	30	0.00	2039	Apr 26, 2021	168,618	134,895
D3030 - Cooling Generating Systems	Cooling Tower - Stainless Steel - 60 Ton	20	1.25	2025	Apr 26, 2021	96,418	77,134
D3040 - Distribution Systems	Energy Recovery Unit	25	0.00	2043	Apr 26, 2021	131,404	105,123
D3040 - Distribution Systems	Exhaust System - Restroom Ceiling Fan	20	0.00	2038	Apr 26, 2021	2,320	1,856
D3040 - Distribution Systems	Heat Exchanger - Steam/HW - Shell and Tube	20	0.00	2037	Apr 26, 2021	85,864	68,691
D3050 - Terminal and Package Units	Heat Pump - Water Source - Building Common Areas and End Rooms	18	0.00	2036	Apr 26, 2021	280,481	224,385
D3050 - Terminal and Package Units	Heat Pump - Water Source - Dorm Rooms	18	0.00	2036	Apr 26, 2021	389,668	311,734
D3050 - Terminal and Package Units	Unit Heaters - Electric	15	0.00	2033	Apr 26, 2021	9,360	8,358
D3050 - Terminal and Package Units	Unit Heaters - Hot Water - 1970	25	1.12	2022	Apr 26, 2021	58,035	51,817
D3050 - Terminal and Package Units	Unit Heaters - Hot Water - 2009	25	0.00	2034	Apr 26, 2021	9,672	8,636
D3050 - Terminal and Package Units	Window AC Units	10	0.00	2027	Apr 26, 2021	6,859	6,532
D3060 - Controls and Instrumentation	Electric Controls	20	0.00	2038	Apr 26, 2021	60,587	48,470
D40 - Fire Protection	Dry Sprinkler System	35	0.00	2052	Apr 26, 2021	478,969	383,175
D40 - Fire Protection	Fire Extinguishers - Dry Chemical	30	0.00	2051	Apr 26, 2021	683	650
D40 - Fire Protection	Wet Sprinkler System - Light Hazard wo/Pump	35	0.00	2052	Apr 26, 2021	250,402	200,322
D5012 - Low Tension Service and Dist.	Distribution Equipment, Panelboards, and Feeders - 1200A 480Y/277V & 208Y/120V - 1993	30	0.00	2048	Apr 26, 2021	135,248	108,199
D5012 - Low Tension Service and Dist.	Distribution Equipment, Panelboards, and Feeders - 1200A 480Y/277V & 208Y/120V - 2018	30	0.00	2048	Apr 26, 2021	272,173	217,738
D5020 - Lighting and Branch Wiring	Lighting - Exterior - CFL Fixtures	20	0.00	2037	Apr 26, 2021	564,557	451,645
D5020 - Lighting and Branch Wiring	Lighting - Exterior - Incandescent Fixtures	20	0.00	2037	Apr 26, 2021	1,225	980
D5020 - Lighting and Branch Wiring	Lighting - Exterior - LED Wall Packs	20	0.00	2037	Apr 26, 2021	7,987	6,390
D5021 - Branch Wiring Devices	Branch Wiring - Equipment & Devices	30	1.25	2023	Apr 26, 2021	108,602	86,881
D5022 - Lighting Equipment	Lighting Fixtures	20	0.00	2033	Apr 26, 2021	179,691	143,753
D5037 - Fire Alarm Systems	Fire Alarm Control Panel	10	0.00	2028	Apr 26, 2021	69,269	55,415
D5037 - Fire Alarm Systems	Fire Alarm System - Devices	10	0.00	2028	Apr 26, 2021	51,248	40,999
D5037 - Fire Alarm Systems	Fire Alarm System - Wiring and Conduit	30	0.00	2048	Apr 26, 2021	25,278	20,222
D5038 - Security and Detection Systems	Security System - Card Access System	10	0.00	2027	Apr 26, 2021	30,714	24,571
D5038 - Security and Detection Systems	Security System - CCTV - Cameras	10	0.00	2028	Apr 26, 2021	27,032	21,626
D5039 - Local Area Networks	LAN System	15	0.00	2030	Apr 26, 2021	134,850	127,217
D5091 - Grounding Systems	Lightning Protection System	30	0.00	2047	Apr 26, 2021	1,275	1,020
D5092 - Emergency Light and Power Systems	Emergency Battery Pack Lights	10	0.00	2027	Apr 26, 2021	2,280	1,824
D5092 - Emergency Light and Power Systems	Exit Signs	10	0.00	2028	Apr 26, 2021	14,017	11,214
E - Equipment and Furnishings	Fixed Casework	25	0.00	2042	Apr 26, 2021	44,313	35,450
Asset: Humanities and Social Sciences							8,328,452
Building 7							
Summary							8,328,452

Currency : USD

Region: Richard Bland College of William & Mary

Asset: James B. McNeer Hall - Science & Technology 4

Campus: Buildings

Asset Size: 53,550 SF

Asset Replacement Value: 20,922,871

System Category	System Name	Lifetime	SCI	Renewal Action FY	Date Inspected	Renewal Action Cost	Replacement Cost
A - Substructure	Foundation Wall and Footings - No Basement	75	0.00	2085	Apr 26, 2021	8,038	133,964
A - Substructure	Foundation Wall and Footings - No Basement - Mechanical Yard	75	0.00	2085	Apr 26, 2021	2,084	34,731
A - Substructure	Structural Slab on Grade - Non-Industrial - 4-In.	75	0.00	2085	Apr 26, 2021	16,064	257,030
A - Substructure	Structural Slab on Grade - Non-Industrial - 4-In. - Mechanical Yard	75	0.00	2085	Apr 26, 2021	1,237	19,791
B10 - Superstructure	Multi-Story - Steel	75	0.00	2085	Apr 26, 2021	169,420	2,710,728
B2010 - Exterior Walls	Brick Cavity Walls - CMU Backup - Mechanical Yard	75	0.00	2085	Apr 26, 2021	11,701	93,608
B2010 - Exterior Walls	Brick Veneer Walls - Metal Stud Backup	75	0.00	2085	Apr 26, 2021	65,061	542,178
B2010 - Exterior Walls	Metal Paneled - Soffit	60	0.00	2070	Apr 26, 2021	226,446	181,156
B2010 - Exterior Walls	Metal Paneled Walls - High Quality - Metal Stud Backup	60	0.00	2070	Apr 26, 2021	25,610	204,876
B2013 - Exterior Louvers, Screens, and Fencing	Equipment Screen Walls - Metal Panels - Rooftop	50	0.00	2060	Apr 26, 2021	14,245	113,961
B2013 - Exterior Louvers, Screens, and Fencing	Metal Wall Louvers	50	0.00	2060	Apr 26, 2021	40,894	32,715
B2020 - Exterior Windows	Aluminum Windows	30	0.00	2040	Apr 26, 2021	337,868	270,294
B2020 - Exterior Windows	Curtain Wall System - High Quality	50	0.00	2060	Apr 26, 2021	2,339,550	1,871,640
B2030 - Exterior Doors	Door Assembly - 3 x 7 HM	30	0.00	2040	Apr 26, 2021	10,390	8,312
B2030 - Exterior Doors	Door Assembly - 3 x 7 Storefront	30	0.00	2040	Apr 26, 2021	25,402	20,321
B2030 - Exterior Doors	Door Assembly - 6 x 7 HM	30	0.00	2040	Apr 26, 2021	20,085	16,068
B2030 - Exterior Doors	Door Assembly - 6 x 7 Storefront	30	0.00	2040	Apr 26, 2021	55,151	44,121
B30 - Roofing	Built-Up Roof (BUR) - Unballasted	20	0.00	2030	Apr 26, 2021	169,535	135,628
B30 - Roofing	Single-Ply Membrane - Fully Adhered	25	0.00	2035	Apr 26, 2021	232,249	185,799
B3021 - Glazed Roof Openings	Skylights - Monumental	30	0.00	2040	Apr 26, 2021	150,731	120,585
C1010 - Partitions	CMU Block Walls - Plain	50	0.00	2060	Apr 26, 2021	1,018,185	1,642,234
C1010 - Partitions	GWB Partitions - Standard (Non-Painted)	50	0.00	2060	Apr 26, 2021	785,288	1,256,460
C1010 - Partitions	GWB Partitions On Furring (Non-Painted)	50	0.00	2060	Apr 26, 2021	28,735	45,976
C1010 - Partitions	Windows/Storefront Partitions	50	0.00	2060	Apr 26, 2021	329,445	531,363
C1020 - Interior Doors	Swinging Doors - 3 x 7 Wd - NR	50	0.00	2060	Apr 26, 2021	502,388	401,910
C1030 - Fittings	Restroom Accessories	25	0.00	2035	Apr 26, 2021	84,231	67,385
C1030 - Fittings	Toilet Partitions	40	0.00	2050	Apr 26, 2021	46,856	37,485
C1035 - Identifying Devices	Fittings - Signage (Room Numbering and Identification)	10	1.25	2026	Apr 26, 2021	26,402	21,122
C20 - Stairs	Stairs - Exit	75	0.00	2085	Apr 26, 2021	31,510	84,026
C20 - Stairs	Stairs - Monumental	75	0.00	2085	Apr 26, 2021	45,890	122,372
C2014 - Stair Handrails and Balustrades	Interior Metal/Glass Railings	75	0.00	2085	Apr 26, 2021	15,938	12,751
C2021 - Stair, Tread, and Landing Finishes	Rubber Treads - Stairs	15	1.25	2025	Apr 26, 2021	9,496	7,596
C3010 - Wall Finishes	Acoustic Wall Panels - Fiberglass - Fabric Faced - Mechanical Yard	15	0.00	2035	Apr 26, 2021	31,927	25,541
C3010 - Wall Finishes	Ceramic Wall Tile	25	0.00	2035	Apr 26, 2021	58,542	46,834
C3010 - Wall Finishes	Painted Finish - (1 Coat Prime - 2 Coats Finish)	10	0.00	2028	Apr 26, 2021	181,500	145,200
C3010 - Wall Finishes	Wall Covering - Stainless Steel	50	0.00	2060	Apr 26, 2021	309,600	247,680
C3010 - Wall Finishes	Wall Covering - Veneer Wood Paneling	30	0.00	2040	Apr 26, 2021	240,542	192,434
C3020 - Floor Finishes	Carpeting - Tile	10	1.25	2024	Apr 26, 2021	32,390	25,912
C3020 - Floor Finishes	Ceramic Tile	25	0.00	2035	Apr 26, 2021	72,691	58,153
C3020 - Floor Finishes	Terrazzo - Cast-in-Place	50	0.00	2060	Apr 26, 2021	259,692	207,754
C3020 - Floor Finishes	Vinyl Composition Tile - Quality	20	0.00	2030	Apr 26, 2021	195,750	156,600
C3030 - Ceiling Finishes	ACT System - Metal Panels	30	0.00	2040	Apr 26, 2021	91,993	73,594
C3030 - Ceiling Finishes	ACT System - Quality	20	0.00	2030	Apr 26, 2021	332,925	266,340
C3030 - Ceiling Finishes	GWB Taped and Finished	30	0.00	2040	Apr 26, 2021	49,481	39,585
C3030 - Ceiling Finishes	Wood Ceilings - Stained	30	0.00	2040	Apr 26, 2021	47,970	38,376
D1010 - Elevators and Lifts	Hydraulic Passenger Elevator	35	0.00	2045	Apr 26, 2021	148,823	119,059

Currency : USD

System Category	System Name	Lifetime	SCI	Renewal Action FY	Date Inspected	Renewal Action Cost	Replacement Cost
D2010 - Plumbing Fixtures	Custodial/Utility Sinks	30	0.00	2040	Apr 26, 2021	7,454	5,963
D2010 - Plumbing Fixtures	Emergency Eyewash	30	0.00	2040	Apr 26, 2021	10,907	8,726
D2010 - Plumbing Fixtures	Emergency Eyewash and Shower Units	30	0.00	2040	Apr 26, 2021	103,633	82,906
D2010 - Plumbing Fixtures	Kitchenette - Cabinet, Counter and Sink	30	0.00	2040	Apr 26, 2021	5,848	4,679
D2010 - Plumbing Fixtures	Laboratory Sinks	30	0.00	2040	Apr 26, 2021	746,530	597,224
D2010 - Plumbing Fixtures	Restroom Fixtures	30	0.00	2040	Apr 26, 2021	169,604	135,683
D2010 - Plumbing Fixtures	Water Coolers - Wall-Mounted	20	0.00	2030	Apr 26, 2021	47,774	38,219
D2020 - Domestic Water Distribution	Water Distribution Complete	30	0.00	2040	Apr 26, 2021	164,728	147,079
D2020 - Domestic Water Distribution	Water Heater - Gas - Commercial	15	1.12	2025	Apr 26, 2021	127,344	113,700
D2030 - Sanitary Waste	Sanitary Waste - Gravity Discharge	50	0.00	2060	Apr 26, 2021	235,597	188,478
D2040 - Rain Water Drainage	Roof Drainage - Gravity	50	0.00	2060	Apr 26, 2021	183,594	146,875
D2040 - Rain Water Drainage	Roof Drainage - Secondary Drain - Add	50	0.00	2060	Apr 26, 2021	110,156	88,125
D2090 - Other Plumbing Systems	Lab Air Compressor	20	0.00	2030	Apr 26, 2021	23,768	22,636
D2090 - Other Plumbing Systems	Shop Air Compressor	20	0.00	2030	Apr 26, 2021	10,277	9,787
D3012 - Gas Supply System	Natural Gas Service to Bldg - 2" Feed	40	0.00	2050	Apr 26, 2021	4,469	3,575
D3020 - Heat Generating Systems	Boiler HW - Gas-Fired	30	0.00	2040	Apr 26, 2021	477,874	382,299
D3030 - Cooling Generating Systems	Chiller - Reciprocating - Air-Cooled	20	0.00	2030	Apr 26, 2021	327,272	261,817
D3040 - Distribution Systems	Central AHU - Const Volume w/Distribution - AHU 1	25	0.00	2035	Apr 26, 2021	112,043	89,634
D3040 - Distribution Systems	Central AHU - Const Volume w/Distribution - AHU 2	25	0.00	2035	Apr 26, 2021	104,226	83,380
D3040 - Distribution Systems	Central AHU - Const Volume w/Distribution - AHU 3	25	0.00	2035	Apr 26, 2021	104,226	83,380
D3040 - Distribution Systems	Distribution Ductwork with VAV System	25	0.00	2035	Apr 26, 2021	1,939,864	1,551,891
D3040 - Distribution Systems	Exhaust System - Axial Exhaust Fans	15	1.25	2025	Apr 26, 2021	39,135	31,308
D3040 - Distribution Systems	Exhaust System - Fume Hood - Ductwork/Fan	25	0.00	2035	Apr 26, 2021	811,482	649,186
D3040 - Distribution Systems	Exhaust System - Roof Fan	20	0.00	2030	Apr 26, 2021	6,241	4,993
D3040 - Distribution Systems	Fan Coil System - Cabinet - 2 Pipe	30	0.00	2040	Apr 26, 2021	92,727	74,182
D3050 - Terminal and Package Units	Split DX AC	15	1.25	2025	Apr 26, 2021	8,710	6,968
D3050 - Terminal and Package Units	Unit Heaters - Hot Water	25	0.00	2035	Apr 26, 2021	19,345	17,272
D3060 - Controls and Instrumentation	DDC System	20	0.00	2030	Apr 26, 2021	276,478	221,182
D40 - Fire Protection	Fire Extinguishers - Dry Chemical	30	0.00	2040	Apr 26, 2021	4,778	4,551
D40 - Fire Protection	Wet Sprinkler System - Ordinary Hazard wo/Pump	35	0.00	2045	Apr 26, 2021	738,279	590,624
D5012 - Low Tension Service and Dist.	Distribution Equipment, Panelboards, and Feeders - 1200A 480Y/277V & 208Y/120V	30	0.00	2040	Apr 26, 2021	381,204	304,963
D5020 - Lighting and Branch Wiring	Lighting - Exterior - CFL Wall Packs	20	0.00	2030	Apr 26, 2021	14,087	11,270
D5020 - Lighting and Branch Wiring	Lighting - Exterior - HID Wall Packs	20	0.00	2030	Apr 26, 2021	7,602	6,081
D5020 - Lighting and Branch Wiring	Lighting - Exterior - LED Up-Lights	20	0.00	2030	Apr 26, 2021	17,901	14,321
D5021 - Branch Wiring Devices	Branch Wiring - Equipment & Devices	30	0.00	2040	Apr 26, 2021	241,713	193,370
D5022 - Lighting Equipment	Lighting Fixtures	20	0.00	2030	Apr 26, 2021	476,346	381,077
D5032 - Intercommunication and Paging System	Emergency Alert Box System	10	1.25	2026	Apr 26, 2021	12,846	10,277
D5037 - Fire Alarm Systems	Fire Alarm Control Panel	10	1.25	2025	Apr 26, 2021	69,269	55,415
D5037 - Fire Alarm Systems	Fire Alarm System - Devices	10	1.25	2025	Apr 26, 2021	114,063	91,250
D5037 - Fire Alarm Systems	Fire Alarm System - Wiring and Conduit	30	0.00	2040	Apr 26, 2021	56,261	45,008
D5038 - Security and Detection Systems	Security System - CCTV - Cameras	10	0.00	2028	Apr 26, 2021	15,447	12,358
D5039 - Local Area Networks	LAN System	15	1.06	2025	Apr 26, 2021	300,134	283,146
D5091 - Grounding Systems	Lightning Protection System	30	0.00	2040	Apr 26, 2021	68,261	54,609
D5092 - Emergency Light and Power Systems	Emergency Generator	20	0.00	2030	Apr 26, 2021	125,297	100,238
E - Equipment and Furnishings	Fixed Casework - Lab	25	0.00	2035	Apr 26, 2021	1,035,816	828,653
E10 - Equipment	Roof Access Ladder - Exterior	30	0.00	2040	Apr 26, 2021	1,780	1,424
G2041 - Fences and Gates	Entry Gate - Manual Swing - Mechanical Yard	25	0.00	2035	Apr 26, 2021	3,836	3,069
G4021 - Fixtures and Transformers	D3040 - Distribution Ductwork with VAV System	20	0.00	2030	Apr 26, 2021	6,786	5,429
G4022 - Poles	Site Lighting - Poles - Galvanized Steel	40	0.00	2050	Apr 26, 2021	4,177	3,342
Asset: James B. McNeer Hall - Science & Technology 4							20,922,871



Currency : USD

System Category	System Name	Lifetime	SCI	Renewal Action FY	Date Inspected	Renewal Action Cost	Replacement Cost
Summary							20,922,871

Currency : USD

Region: Richard Bland College of William & Mary

Asset: Library/Student Commons 6

Campus: Buildings

Asset Size: 36,651 SF

Asset Replacement Value: 9,361,242

System Category	System Name	Lifetime	SCI	Renewal Action FY	Date Inspected	Renewal Action Cost	Replacement Cost
A - Substructure	Foundation Wall and Footings - No Basement	75	0.00	2044	Apr 26, 2021	9,764	162,741
A - Substructure	Structural Slab on Grade - Non-Industrial - 4-In.	75	0.00	2044	Apr 26, 2021	20,149	322,384
B10 - Superstructure	Multi-Story - Concrete - Cast-in-Place	75	0.00	2044	Apr 26, 2021	89,234	1,427,740
B1014 - Ramps	Exterior Accessible Ramp - Concrete - 1969	50	0.13	2024	Apr 26, 2021	4,102	32,820
B1014 - Ramps	Exterior Accessible Ramp - Concrete - 2006	50	0.00	2056	Apr 26, 2021	20,512	164,100
B2010 - Exterior Walls	Brick Cavity Walls - CMU Backup	75	0.03	2044	Apr 26, 2021	74,217	593,739
B2013 - Exterior Louvers, Screens, and Fencing	Equipment Screen Walls - Metal - Rooftop	50	0.00	2056	Apr 26, 2021	13,814	110,508
B2016 - Exterior Soffits	Exterior Soffit - Stucco	25	0.00	2031	Apr 26, 2021	50,914	40,732
B2016 - Exterior Soffits	Exterior Soffits - Painted Finish	15	0.00	2027	Apr 26, 2021	4,187	3,350
B2020 - Exterior Windows	Aluminum Windows	30	1.25	2024	Apr 26, 2021	284,520	227,616
B2030 - Exterior Doors	Door Assembly - 3 x 7 HM	30	1.25	2024	Apr 26, 2021	36,364	29,091
B2030 - Exterior Doors	Door Assembly - 3 x 7 Storefront	30	1.25	2024	Apr 26, 2021	50,803	40,643
B2030 - Exterior Doors	Door Assembly - 6 x 7 HM	30	1.25	2024	Apr 26, 2021	20,085	16,068
B2030 - Exterior Doors	Door Assembly - 6 x 7 Storefront	30	1.25	2024	Apr 26, 2021	41,363	33,091
B30 - Roofing	Single-Ply Membrane - Fully Adhered	25	0.00	2037	Apr 26, 2021	463,251	370,600
B30 - Roofing	Slate Tile Roofing	75	0.00	2044	Apr 26, 2021	86,129	68,903
B3022 - Roof Hatches	Roof Hatch - 3 x 3	40	0.00	2046	Apr 26, 2021	3,630	2,904
C1010 - Partitions	CMU Block Walls - Plain	50	0.62	2026	Apr 26, 2021	126,008	203,240
C1010 - Partitions	GWB Partitions - Standard (Non-Painted)	50	0.63	2026	Apr 26, 2021	292,200	467,520
C1010 - Partitions	GWB Partitions On Furring (Non-Painted)	50	0.63	2026	Apr 26, 2021	11,689	18,702
C1010 - Partitions	Windows/Storefront Partitions	50	0.62	2026	Apr 26, 2021	59,899	96,611
C1020 - Interior Doors	Swinging Doors - 3 x 7 HM - NR	50	0.00	2056	Apr 26, 2021	33,879	27,103
C1020 - Interior Doors	Swinging Doors - 3 x 7 Storefront	50	1.25	2026	Apr 26, 2021	8,467	6,774
C1020 - Interior Doors	Swinging Doors - 3 x 7 Wd - NR - 2006	50	0.00	2056	Apr 26, 2021	205,142	164,113
C1020 - Interior Doors	Swinging Doors - 3 x 7 Wd - NR - 2017	50	0.00	2067	Apr 26, 2021	25,119	20,096
C1020 - Interior Doors	Swinging Doors - Pair - 6 x 7 Storefront	50	1.25	2026	Apr 26, 2021	41,363	33,091
C1030 - Fittings	Restroom Accessories	25	0.00	2031	Apr 26, 2021	56,154	44,923
C1030 - Fittings	Toilet Partitions	40	0.00	2046	Apr 26, 2021	23,428	18,742
C1035 - Identifying Devices	Fittings - Signage (Room Numbering and Identification)	10	1.25	2026	Apr 26, 2021	18,070	14,456
C20 - Stairs	Stairs - Exit	75	0.00	2044	Apr 26, 2021	7,877	21,007
C20 - Stairs	Stairs - Monumental	75	0.00	2044	Apr 26, 2021	15,297	40,791
C2014 - Stair Handrails and Balustrades	Interior Metal/Glass Railings	75	0.00	2081	Apr 26, 2021	19,126	15,301
C2021 - Stair, Tread, and Landing Finishes	Rubber Treads - Stairs	15	1.25	2026	Apr 26, 2021	4,106	3,285
C3010 - Wall Finishes	Ceramic Wall Tile - 1969	25	1.25	2026	Apr 26, 2021	3,903	3,122
C3010 - Wall Finishes	Ceramic Wall Tile - 2006	25	0.00	2031	Apr 26, 2021	35,125	28,100
C3010 - Wall Finishes	Painted Finish - (1 Coat Prime - 2 Coats Finish)	10	1.25	2024	Apr 26, 2021	79,200	63,360
C3020 - Floor Finishes	Carpeting - Broadloom - Medium Range	10	1.25	2024	Apr 26, 2021	133,575	106,860
C3020 - Floor Finishes	Carpeting - Tile	10	0.00	2027	Apr 26, 2021	65,979	52,784
C3020 - Floor Finishes	Ceramic Tile - 1969	25	1.25	2026	Apr 26, 2021	9,785	7,828
C3020 - Floor Finishes	Ceramic Tile - 2006	25	0.00	2031	Apr 26, 2021	41,937	33,550
C3020 - Floor Finishes	Quarry Floor Tile	25	1.25	2026	Apr 26, 2021	12,894	10,315
C3020 - Floor Finishes	Resilient Flooring - Wood Pattern	15	0.00	2032	Apr 26, 2021	81,491	65,193
C3020 - Floor Finishes	Terrazzo - Cast-in-Place	50	0.00	2031	Apr 26, 2021	48,417	38,734
C3020 - Floor Finishes	Vinyl Accoustical Tile - 1969	20	1.25	2024	Apr 26, 2021	1,713	1,370
C3020 - Floor Finishes	Vinyl Composition Tile - Quality - 2006	20	1.25	2026	Apr 26, 2021	7,341	5,872
C3020 - Floor Finishes	Vinyl Composition Tile - Quality - 2017	20	0.00	2037	Apr 26, 2021	36,214	28,971

Currency : USD

System Category	System Name	Lifetime	SCI	Renewal Action FY	Date Inspected	Renewal Action Cost	Replacement Cost
C3030 - Ceiling Finishes	ACT System - Quality - 2006	20	1.25	2026	Apr 26, 2021	345,000	276,000
C3030 - Ceiling Finishes	ACT System - Quality - 2017	20	0.00	2037	Apr 26, 2021	63,825	51,060
D1010 - Elevators and Lifts	Hydraulic Passenger Elevator	35	1.25	2023	Apr 26, 2021	131,643	105,314
D2010 - Plumbing Fixtures	Custodial/Utility Sinks	30	0.00	2042	Apr 26, 2021	2,485	1,988
D2010 - Plumbing Fixtures	Kitchenette - Cabinet, Counter and Sink	30	0.00	2042	Apr 26, 2021	17,545	14,036
D2010 - Plumbing Fixtures	Restroom Fixtures	30	0.00	2042	Apr 26, 2021	107,058	85,647
D2010 - Plumbing Fixtures	Water Coolers - Wall-Mounted	20	0.00	2032	Apr 26, 2021	8,185	6,548
D2020 - Domestic Water Distribution	Water Distribution Complete	30	0.00	2036	Apr 26, 2021	112,744	100,665
D2020 - Domestic Water Distribution	Water Heater - Elec - Commercial - 120 Gal	15	0.00	2027	Apr 26, 2021	35,221	31,447
D2030 - Sanitary Waste	Sanitary Waste - Gravity Discharge	50	0.00	2056	Apr 26, 2021	161,249	128,999
D2040 - Rain Water Drainage	Roof Drainage - Gravity	50	0.00	2056	Apr 26, 2021	125,656	100,525
D3012 - Gas Supply System	Natural Gas Service to Bldg - 2" Feed	40	0.00	2046	Apr 26, 2021	4,469	3,575
D3020 - Heat Generating Systems	Boiler HW - Gas-Fired	30	0.00	2036	Apr 26, 2021	158,954	127,163
D3040 - Distribution Systems	Distribution Ductwork with VAV System	25	0.00	2031	Apr 26, 2021	771,321	617,057
D3040 - Distribution Systems	Exhaust System - Roof Fan - Large	20	1.25	2026	Apr 26, 2021	15,154	12,123
D3040 - Distribution Systems	Exhaust System - Roof Fan - Medium	20	1.25	2026	Apr 26, 2021	37,447	29,957
D3040 - Distribution Systems	Ventilation System - Make Up Air Fan	20	1.25	2026	Apr 26, 2021	18,723	14,979
D3050 - Terminal and Package Units	Rooftop Unitary AC - Cooling w/Gas Heat - 2006 - RTU 1	15	1.25	2023	Apr 26, 2021	119,465	95,572
D3050 - Terminal and Package Units	Rooftop Unitary AC - Cooling w/Gas Heat - 2006 - RTU 2	15	1.25	2023	Apr 26, 2021	226,984	181,588
D3050 - Terminal and Package Units	Rooftop Unitary AC - Cooling w/Gas Heat - 2012 - RTU - 3	15	0.00	2027	Apr 26, 2021	143,359	114,687
D3050 - Terminal and Package Units	Split DX AC	15	1.25	2021	Apr 26, 2021	3,996	3,196
D3050 - Terminal and Package Units	Unit Heaters - Electric	15	1.12	2022	Apr 26, 2021	9,360	8,358
D3050 - Terminal and Package Units	Unit Heaters - Hot Water	25	0.00	2037	Apr 26, 2021	9,672	8,636
D3060 - Controls and Instrumentation	Electric Controls	20	1.25	2026	Apr 26, 2021	92,293	73,834
D40 - Fire Protection	Fire Extinguishers - Dry Chemical	30	0.00	2051	Apr 26, 2021	2,560	2,438
D40 - Fire Protection	Wet Sprinkler System - Light Hazard wo/Pump	35	0.00	2041	Apr 26, 2021	381,442	305,154
D5012 - Low Tension Service and Dist.	Distribution Equipment, Panelboards, and Feeders - 2500A 208Y/120V	30	0.00	2042	Apr 26, 2021	439,439	351,551
D5012 - Low Tension Service and Dist.	Distribution Equipment, Panelboards, and Feeders - Original	30	1.25	2025	Apr 26, 2021	7,486	5,989
D5020 - Lighting and Branch Wiring	Lighting - Exterior - CFL Wall Packs	20	1.25	2026	Apr 26, 2021	9,800	7,840
D5020 - Lighting and Branch Wiring	Lighting - Exterior - HID Wall Packs	20	1.25	2026	Apr 26, 2021	11,825	9,460
D5021 - Branch Wiring Devices	Branch Wiring - Equipment & Devices	30	0.00	2040	Apr 26, 2021	165,435	132,348
D5022 - Lighting Equipment	Lighting Fixtures	20	0.00	2032	Apr 26, 2021	326,024	260,819
D5033 - Telephone Systems	Telephone System	10	1.06	2022	Apr 26, 2021	180,507	170,290
D5037 - Fire Alarm Systems	Fire Alarm Control Panel	10	1.25	2025	Apr 26, 2021	69,269	55,415
D5037 - Fire Alarm Systems	Fire Alarm System - Devices	10	1.25	2025	Apr 26, 2021	78,068	62,454
D5037 - Fire Alarm Systems	Fire Alarm System - Wiring and Conduit	30	0.00	2042	Apr 26, 2021	38,506	30,805
D5038 - Security and Detection Systems	Security System - CCTV - Cameras	10	0.00	2028	Apr 26, 2021	54,064	43,251
D5039 - Local Area Networks	LAN System	15	0.00	2027	Apr 26, 2021	205,420	193,792
D5092 - Emergency Light and Power Systems	Emergency Generator	20	1.25	2026	Apr 26, 2021	80,020	64,016
E - Equipment and Furnishings	Fixed Casework - 2006	25	0.00	2031	Apr 26, 2021	36,004	28,803
E - Equipment and Furnishings	Fixed Casework - 2017	25	0.00	2042	Apr 26, 2021	16,617	13,294
E - Equipment and Furnishings	Kitchen Equipment	20	0.00	2032	Apr 26, 2021	46,675	37,340
E10 - Equipment	Roof Access Ladder - Interior	50	1.25	2026	Apr 26, 2021	3,561	2,849
E2012 - Fixed Casework	Casework - Rolling Cabinets - Mobile Lateral Files	25	0.00	2031	Apr 26, 2021	120,656	96,525
G4022 - Poles	Site Lighting - Poles - Galvanized Steel	40	0.00	2052	Apr 26, 2021	6,266	5,013
Asset: Library/Student Commons 6							9,361,242
Summary							9,361,242

Currency : USD

Region: Richard Bland College of William & Mary

Asset: Maintenance Building 13

Campus: Buildings

Asset Size: 7,251 SF

Asset Replacement Value: 1,019,009

System Category	System Name	Lifetime	SCI	Renewal Action FY	Date Inspected	Renewal Action Cost	Replacement Cost
A - Substructure	Foundation Wall and Footings - No Basement	75	0.00	2070	Apr 26, 2021	4,370	72,837
A - Substructure	Structural Slab on Grade - Non-Industrial - 4-In.	75	0.00	2070	Apr 26, 2021	4,983	79,725
B2010 - Exterior Walls	Wood Siding - Wood Stud Backup	50	0.00	2066	Apr 26, 2021	2,605	20,840
B2020 - Exterior Windows	Aluminum Windows	30	1.25	2025	Apr 26, 2021	26,674	21,339
B2030 - Exterior Doors	Door Assembly - 3 x 7 HM	30	1.25	2025	Apr 26, 2021	15,585	12,468
B2030 - Exterior Doors	Overhead Rolling Doors - 10 x 10 - Electric Operation	30	1.25	2025	Apr 26, 2021	11,965	9,572
B30 - Roofing	Gutters and Downspouts - Aluminum	30	1.25	2025	Apr 26, 2021	2,148	1,718
C1010 - Partitions	CMU Partitions - Non-Rated - Plain	50	0.00	2045	Apr 26, 2021	20,398	32,637
C1010 - Partitions	GWB Partitions - Standard (Non-Painted)	50	0.00	2066	Apr 26, 2021	16,436	26,298
C1010 - Partitions	GWB Partitions On Furring (Non-Painted)	50	0.00	2066	Apr 26, 2021	1,948	3,117
C1017 - Interior Windows and Storefronts	Counter Window - Sliding	50	0.00	2066	Apr 26, 2021	660	528
C1020 - Interior Doors	Swinging Doors - 3 x 7 HM - NR	50	0.00	2045	Apr 26, 2021	38,719	30,975
C1020 - Interior Doors	Swinging Doors - 3 x 7 Wd - NR	50	0.00	2066	Apr 26, 2021	16,746	13,397
C1030 - Fittings	Restroom Accessories	25	0.00	2041	Apr 26, 2021	14,038	11,231
C1030 - Fittings	Toilet Partitions	40	0.00	2035	Apr 26, 2021	3,905	3,124
C1035 - Identifying Devices	Fittings - Signage (Room Numbering and Identification)	10	1.25	2026	Apr 26, 2021	3,575	2,860
C20 - Stairs	Stairs - Wood Framed - Exit	75	0.00	2070	Apr 26, 2021	1,276	3,401
C3010 - Wall Finishes	Painted Finish - (1 Coat Prime - 2 Coats Finish)	10	1.25	2026	Apr 26, 2021	9,570	7,656
C3010 - Wall Finishes	Wall Covering - Wood Paneling	30	0.00	2046	Apr 26, 2021	4,455	3,564
C3020 - Floor Finishes	Carpeting - Broadloom - Medium Range	10	1.25	2026	Apr 26, 2021	11,302	9,042
C3020 - Floor Finishes	Carpeting - Tile	10	1.25	2026	Apr 26, 2021	7,198	5,758
C3020 - Floor Finishes	Vinyl Composition Tile - Quality	20	1.25	2026	Apr 26, 2021	2,447	1,958
C3020 - Floor Finishes	Vinyl Sheet Goods - Quality	12	1.25	2022	Apr 26, 2021	1,821	1,457
C3030 - Ceiling Finishes	ACT System - Quality	20	1.25	2026	Apr 26, 2021	10,350	8,280
C3030 - Ceiling Finishes	GWB Ceilings - Taped and Finished	30	0.00	2049	Apr 26, 2021	3,806	3,045
D2010 - Plumbing Fixtures	Custodial/Utility Sinks - Floor Sink	30	0.00	2035	Apr 26, 2021	8,636	6,909
D2010 - Plumbing Fixtures	Custodial/Utility Sinks - PVC	30	1.25	2025	Apr 26, 2021	2,485	1,988
D2010 - Plumbing Fixtures	Emergency Eyewash	30	1.25	2025	Apr 26, 2021	2,727	2,182
D2010 - Plumbing Fixtures	Kitchenette - Cabinet, Counter and Sink	30	1.25	2025	Apr 26, 2021	5,848	4,679
D2010 - Plumbing Fixtures	Restroom Fixtures	30	1.25	2025	Apr 26, 2021	15,261	12,209
D2010 - Plumbing Fixtures	Water Coolers - Wall-Mounted	20	1.25	2025	Apr 26, 2021	4,093	3,274
D2020 - Domestic Water Distribution	Water Distribution Complete	30	1.12	2025	Apr 26, 2021	22,305	19,915
D2020 - Domestic Water Distribution	Water Heater - Electric	10	1.12	2022	Apr 26, 2021	6,827	6,095
D2030 - Sanitary Waste	Sanitary Waste - Gravity Discharge	50	0.00	2045	Apr 26, 2021	31,901	25,521
D2090 - Other Plumbing Systems	Shop Air Compressor	20	1.05	2026	Apr 26, 2021	47,536	45,272
D3012 - Gas Supply System	Natural Gas Service to Bldg - 1" Feed	40	0.00	2035	Apr 26, 2021	3,114	2,491
D3030 - Cooling Generating Systems	DX Condensing Unit - 2 1/2 Ton	15	1.25	2024	Apr 26, 2021	3,453	2,762
D3040 - Distribution Systems	Central AHU - Const Volume w/Distribution	25	0.00	2034	Apr 26, 2021	45,151	36,121
D3040 - Distribution Systems	Exhaust System - Restroom Ceiling Fan	20	1.25	2025	Apr 26, 2021	1,547	1,237
D3050 - Terminal and Package Units	Split DX AC - 1998	15	1.25	2023	Apr 26, 2021	6,408	5,126
D3050 - Terminal and Package Units	Split DX AC - 2006	15	1.25	2023	Apr 26, 2021	12,816	10,253
D3050 - Terminal and Package Units	Unit Heaters -IR - Gas Fired	15	1.12	2025	Apr 26, 2021	13,021	11,626
D3060 - Controls and Instrumentation	Electric Controls - Basic	20	1.25	2023	Apr 26, 2021	4,063	3,251
D40 - Fire Protection	Fire Extinguishers - Dry Chemical	30	0.00	2051	Apr 26, 2021	853	813
D5012 - Low Tension Service and Dist.	Main Electrical Service - 400A 208Y/120V + Distribution	30	1.25	2025	Apr 26, 2021	41,600	33,280
D5020 - Lighting and Branch Wiring	Lighting - Exterior - HID Wall Packs	20	1.25	2025	Apr 26, 2021	5,912	4,730



Currency : USD

System Category	System Name	Lifetime	SCI	Renewal Action FY	Date Inspected	Renewal Action Cost	Replacement Cost
D5021 - Branch Wiring Devices	Branch Wiring - Equipment & Devices	30	1.25	2025	Apr 26, 2021	32,729	26,184
D5022 - Lighting Equipment	Lighting Fixtures	20	0.00	2028	Apr 26, 2021	39,534	31,627
D5039 - Local Area Networks	LAN System	15	0.00	2030	Apr 26, 2021	40,640	38,340
D5092 - Emergency Light and Power Systems	Exit Signs	10	1.25	2023	Apr 26, 2021	2,002	1,602
E - Equipment and Furnishings	Fixed Casework	25	1.25	2026	Apr 26, 2021	5,539	4,431
F1012 - Pre-engineered Structures	Pre-Engineered Steel Building	75	0.00	2070	Apr 26, 2021	16,067	257,066
G3063 - Fuel Storage Tanks	Fuel Storage Tanks - Above Ground Tank - Steel - 500 Gallons	30	0.00	2028	Apr 26, 2021	41,502	33,202
Asset: Maintenance Building 13							1,019,009
Summary							1,019,009

Currency : USD

Region: Richard Bland College of William & Mary

Asset: Maze Hall 8

Campus: Buildings

Asset Size: 8,960 SF

Asset Replacement Value: 2,786,938

System Category	System Name	Lifetime	SCI	Renewal Action FY	Date Inspected	Renewal Action Cost	Replacement Cost
A - Substructure	Foundation Wall and Footings - No Basement	75	0.00	2031	Apr 26, 2021	5,716	95,263
A - Substructure	Foundation Wall and Footings 8-Ft - Partial Basement	75	0.55	2031	Apr 26, 2021	3,656	58,499
A - Substructure	Structural Slab on Grade - Non-Industrial - 4-In.	75	0.00	2031	Apr 26, 2021	5,131	82,100
B10 - Superstructure	Single-Story - Wood Framed Roof on Bearing Walls	75	0.00	2031	Apr 26, 2021	3,822	61,152
B1014 - Ramps	Exterior Accessible Ramp - Concrete	50	0.00	2060	Apr 26, 2021	20,512	164,100
B1023 - Canopies	Fabric Canopy - Lateral Arm - Motorized	15	0.00	2033	Apr 26, 2021	8,833	7,066
B1023 - Canopies	Fixed Fabric Canopy - Fabric Cover	15	1.25	2022	Apr 26, 2021	3,148	2,518
B2010 - Exterior Walls	Brick Cavity Walls - CMU Backup	75	0.00	2031	Apr 26, 2021	43,461	347,685
B2010 - Exterior Walls	Wood Trim/Siding - Wood Stud Backup	50	0.00	2031	Apr 26, 2021	3,552	28,418
B2011 - Exterior Wall Construction	Painted Finish - Exterior Walls/Trim/Soffits	10	1.25	2023	Apr 26, 2021	20,812	16,650
B2020 - Exterior Windows	Aluminum Windows	30	0.00	2048	Apr 26, 2021	177,825	142,260
B2030 - Exterior Doors	Door Assembly - 3 x 7 HM	30	0.00	2048	Apr 26, 2021	20,779	16,624
B2030 - Exterior Doors	Door Assembly - 6 x 7 Storefront	30	0.00	2048	Apr 26, 2021	13,788	11,030
B2030 - Exterior Doors	Door Assembly - 6 x 7 Wood	30	0.00	2048	Apr 26, 2021	15,886	12,709
B30 - Roofing	Gutters and Downspouts - Aluminum	30	0.00	2040	Apr 26, 2021	7,517	6,013
B30 - Roofing	Metal Roofing - High End	65	0.00	2075	Apr 26, 2021	542,194	433,755
C1010 - Partitions	GWB Partitions - Standard (Non-Painted)	50	0.00	2041	Apr 26, 2021	164,362	262,980
C1010 - Partitions	GWB Partitions On Furring (Non-Painted)	50	0.00	2041	Apr 26, 2021	3,896	6,234
C1020 - Interior Doors	Swinging Doors - 3 x 7 Wd - NR	50	0.00	2041	Apr 26, 2021	221,888	177,510
C1030 - Fittings	Restroom Accessories	25	0.00	2043	Apr 26, 2021	28,077	22,462
C1030 - Fittings	Toilet Partitions	40	0.00	2031	Apr 26, 2021	3,905	3,124
C1035 - Identifying Devices	Fittings - Signage (Room Numbering and Identification)	10	0.00	2028	Apr 26, 2021	4,418	3,534
C20 - Stairs	Stairs - Wood Framed - Exit	75	0.96	2031	Apr 26, 2021	1,276	3,401
C3010 - Wall Finishes	Ceramic Wall Tile	25	1.25	2026	Apr 26, 2021	7,806	6,244
C3010 - Wall Finishes	Painted Finish - (1 Coat Prime - 2 Coats Finish)	10	0.00	2028	Apr 26, 2021	33,000	26,400
C3010 - Wall Finishes	Wall Covering - Wood Veneer	30	0.00	2048	Apr 26, 2021	11,734	9,387
C3020 - Floor Finishes	Carpeting - Tile - 2011	10	1.25	2024	Apr 26, 2021	8,397	6,718
C3020 - Floor Finishes	Carpeting - Tile - 2018	10	0.00	2028	Apr 26, 2021	29,991	23,992
C3020 - Floor Finishes	Ceramic Tile	25	1.25	2026	Apr 26, 2021	16,775	13,420
C3020 - Floor Finishes	Epoxy Flooring - Interior	25	0.00	2043	Apr 26, 2021	14,771	11,817
C3020 - Floor Finishes	Stone Floor Tile - Quality - Wood Base	40	0.00	2058	Apr 26, 2021	61,628	49,302
C3020 - Floor Finishes	Vinyl Composition Tile - Quality	20	1.25	2026	Apr 26, 2021	979	783
C3030 - Ceiling Finishes	ACT System - Quality	20	1.25	2026	Apr 26, 2021	77,280	61,824
D2010 - Plumbing Fixtures	Custodial/Utility Sinks	30	0.00	2027	Apr 26, 2021	8,486	6,789
D2010 - Plumbing Fixtures	Kitchenette - Cabinet, Counter and Sink	30	0.00	2043	Apr 26, 2021	6,347	5,077
D2010 - Plumbing Fixtures	Restroom Fixtures	30	0.00	2027	Apr 26, 2021	28,627	22,902
D2010 - Plumbing Fixtures	Water Coolers - Wall-Mounted	20	1.25	2023	Apr 26, 2021	5,972	4,777
D2020 - Domestic Water Distribution	Water Dist Complete	30	0.00	2027	Apr 26, 2021	27,562	24,609
D2020 - Domestic Water Distribution	Water Heater - Electric	10	1.12	2024	Apr 26, 2021	6,827	6,095
D2030 - Sanitary Waste	Sanitary Waste - Gravity Discharge	50	0.00	2043	Apr 26, 2021	39,420	31,536
D3040 - Distribution Systems	Ceiling Fan	25	0.00	2038	Apr 26, 2021	799	639
D3040 - Distribution Systems	Perimeter Heat - Electric Baseboard	30	0.00	2043	Apr 26, 2021	2,764	2,468
D3050 - Terminal and Package Units	Heat Pump - Water Source	18	1.25	2026	Apr 26, 2021	234,148	187,319
D3050 - Terminal and Package Units	Unit Heaters - Electric	15	0.00	2028	Apr 26, 2021	9,360	8,358
D3050 - Terminal and Package Units	Window AC Units	10	0.00	2028	Apr 26, 2021	3,429	3,266
D40 - Fire Protection	Fire Extinguishers - Dry Chemical	30	0.00	2051	Apr 26, 2021	1,707	1,625

Currency : USD

System Category	System Name	Lifetime	SCI	Renewal Action FY	Date Inspected	Renewal Action Cost	Replacement Cost	
D5012 - Low Tension Service and Dist.	Distribution Equipment, Panelboards, and Feeders - 400A 480Y/277V & 208Y/120V	30	0.00	2027	Apr 26, 2021	65,921	52,737	
D5020 - Lighting and Branch Wiring	Lighting - Exterior - HID Wall Packs	20	0.00	2028	Apr 26, 2021	14,359	11,487	
D5021 - Branch Wiring Devices	Branch Wiring - Equipment & Devices	30	0.00	2038	Apr 26, 2021	40,443	32,355	
D5022 - Lighting Equipment	Lighting Fixtures	20	0.00	2028	Apr 26, 2021	66,917	53,534	
D5033 - Telephone Systems	Telephone System	10	0.00	2027	Apr 26, 2021	29,419	27,754	
D5037 - Fire Alarm Systems	Fire Alarm Control Panel	10	1.25	2023	Apr 26, 2021	69,269	55,415	
D5037 - Fire Alarm Systems	Fire Alarm System - Devices	10	1.25	2024	Apr 26, 2021	19,085	15,268	
D5037 - Fire Alarm Systems	Fire Alarm System - Wiring and Conduit	30	1.25	2023	Apr 26, 2021	9,414	7,531	
D5038 - Security and Detection Systems	Security System - CCTV - Cameras	10	0.00	2028	Apr 26, 2021	7,723	6,179	
D5092 - Emergency Light and Power Systems	Emergency Battery Pack Lights	10	1.25	2023	Apr 26, 2021	9,119	7,296	
D5092 - Emergency Light and Power Systems	Exit / Emergency Light Combo Signs	10	1.25	2023	Apr 26, 2021	865	692	
D5092 - Emergency Light and Power Systems	Exit Signs	10	1.25	2023	Apr 26, 2021	8,010	6,408	
E - Equipment and Furnishings	Fixed Casework	25	1.25	2026	Apr 26, 2021	13,848	11,078	
G2049 - Miscellaneous Structures	Exterior Deck - Wood - Composite	25	0.00	2035	Apr 26, 2021	23,463	18,770	
Asset: Maze Hall 8							2,786,938	
Summary							2,786,938	

Currency : USD

Region: Richard Bland College of William & Mary

Asset: Patriot Hall 2

Campus: Buildings

Asset Size: 63,319 SF

Asset Replacement Value: 19,155,510

System Category	System Name	Lifetime	SCI	Renewal Action FY	Date Inspected	Renewal Action Cost	Replacement Cost
A - Substructure	Foundation Wall and Footings - No Basement	75	0.00	2083	Apr 26, 2021	8,336	138,926
A - Substructure	Structural Slab on Grade - Non-Industrial - 4-In.	75	0.00	2083	Apr 26, 2021	10,878	174,051
B10 - Superstructure	Fireproofing - Fiber Encasement	75	0.00	2083	Apr 26, 2021	443,407	354,726
B10 - Superstructure	Multi-Story - Steel	75	0.00	2083	Apr 26, 2021	200,327	3,205,239
B2010 - Exterior Walls	Brick Veneer Walls - Metal Stud Backup	75	0.00	2083	Apr 26, 2021	90,919	757,659
B2010 - Exterior Walls	EIFS Veneer Walls - Metal Stud Backup	60	0.00	2068	Apr 26, 2021	20,966	174,714
B2010 - Exterior Walls	Metal Paneled - Soffit	60	0.00	2068	Apr 26, 2021	150,964	120,771
B2020 - Exterior Windows	Aluminum Windows	30	0.00	2038	Apr 26, 2021	782,430	625,944
B2030 - Exterior Doors	Door Assembly - 3 x 7 HM	30	0.00	2038	Apr 26, 2021	31,169	24,935
B2030 - Exterior Doors	Door Assembly - 3 x 7 Storefront	30	0.00	2038	Apr 26, 2021	16,934	13,548
B2030 - Exterior Doors	Door Assembly - 6 x 7 Storefront	30	0.00	2038	Apr 26, 2021	13,788	11,030
B30 - Roofing	Asphalt Shingled Roofing	20	0.00	2028	Apr 26, 2021	130,502	104,402
B30 - Roofing	Gutters and Downspouts - Aluminum	30	0.00	2038	Apr 26, 2021	10,022	8,018
B30 - Roofing	Metal Roofing - High End	65	0.00	2073	Apr 26, 2021	30,982	24,786
B30 - Roofing	Single-Ply Membrane - Fully Adhered	25	0.00	2033	Apr 26, 2021	66,357	53,086
B3022 - Roof Hatches	Roof Hatch	40	0.00	2048	Apr 26, 2021	7,259	5,807
C1010 - Partitions	CMU Block Walls - Plain	50	0.00	2058	Apr 26, 2021	131,527	212,140
C1010 - Partitions	GWB Partitions - Standard (Non-Painted)	50	0.00	2058	Apr 26, 2021	1,214,456	1,943,130
C1010 - Partitions	GWB Partitions On Furring (Non-Painted)	50	0.00	2058	Apr 26, 2021	35,310	56,496
C1020 - Interior Doors	Swinging Doors - 3 x 7 HM - NR	50	0.00	2058	Apr 26, 2021	261,351	209,080
C1020 - Interior Doors	Swinging Doors - 3 x 7 Storefront	50	0.00	2058	Apr 26, 2021	16,934	13,548
C1020 - Interior Doors	Swinging Doors - 3 x 7 Wd - NR	50	0.00	2058	Apr 26, 2021	1,770,918	1,416,734
C1020 - Interior Doors	Swinging Doors - Pair - 6 x 7 HM - NR	50	0.00	2058	Apr 26, 2021	25,212	20,170
C1020 - Interior Doors	Swinging Doors - Pair - 6 x 7 Wd - NR	50	0.00	2058	Apr 26, 2021	46,186	36,949
C1030 - Fittings	Restroom Accessories	25	0.00	2033	Apr 26, 2021	112,308	89,846
C1035 - Identifying Devices	Fittings - Signage (Room Numbering and Identification)	10	1.25	2026	Apr 26, 2021	31,219	24,975
C20 - Stairs	Stairs - Exit	75	0.03	2083	Apr 26, 2021	47,265	126,040
C2021 - Stair, Tread, and Landing Finishes	Rubber Treads - Stairs	15	1.25	2026	Apr 26, 2021	21,557	17,246
C3010 - Wall Finishes	Painted Finish - (1 Coat Prime - 2 Coats Finish)	10	0.00	2028	Apr 26, 2021	301,950	241,560
C3020 - Floor Finishes	Carpeting - Broadloom - Medium Range	10	1.25	2024	Apr 26, 2021	215,775	172,620
C3020 - Floor Finishes	Carpeting - Tile - 2018-20	10	0.00	2028	Apr 26, 2021	83,974	67,179
C3020 - Floor Finishes	Ceramic Tile	25	0.00	2033	Apr 26, 2021	33,550	26,840
C3020 - Floor Finishes	Vinyl Composition Tile - Quality - 2008	20	0.00	2028	Apr 26, 2021	99,343	79,474
C3020 - Floor Finishes	Vinyl Composition Tile - Quality - 2018-20	20	0.00	2038	Apr 26, 2021	68,512	54,810
C3020 - Floor Finishes	Vinyl Sheet Goods - Quality	12	1.25	2024	Apr 26, 2021	69,202	55,361
C3030 - Ceiling Finishes	ACT System - Quality	20	0.00	2028	Apr 26, 2021	81,938	65,550
C3030 - Ceiling Finishes	GWB Taped and Finished	30	0.00	2038	Apr 26, 2021	411,075	328,860
D1010 - Elevators and Lifts	Hydraulic Passenger Elevator	35	0.00	2043	Apr 26, 2021	263,728	210,982
D2010 - Plumbing Fixtures	Custodial/Utility Sinks	30	0.00	2038	Apr 26, 2021	9,938	7,951
D2010 - Plumbing Fixtures	Kitchenette - Cabinet, Counter and Sink	30	0.00	2038	Apr 26, 2021	216,386	173,109
D2010 - Plumbing Fixtures	Restroom Fixtures	30	0.00	2044	Apr 26, 2021	1,216,841	973,473
D2010 - Plumbing Fixtures	Water Coolers - Wall-Mounted	20	0.00	2028	Apr 26, 2021	4,093	3,274
D2020 - Domestic Water Distribution	Pressure Booster Pump - Duplex 7.5 HP	15	1.12	2023	Apr 26, 2021	93,044	83,075
D2020 - Domestic Water Distribution	Water Dist Complete	30	0.00	2038	Apr 26, 2021	358,769	320,329
D2020 - Domestic Water Distribution	Water Heater - Elec - 52 Gal	10	1.12	2023	Apr 26, 2021	252,587	225,524
D2020 - Domestic Water Distribution	Water Heater - Elec - Residential - 10 Gal	10	1.12	2023	Apr 26, 2021	14,575	13,013

Currency : USD

System Category	System Name	Lifetime	SCI	Renewal Action FY	Date Inspected	Renewal Action Cost	Replacement Cost	
D2020 - Domestic Water Distribution	Water Heater - Electric - Point of Use	10	1.12	2023	Apr 26, 2021	1,022	913	
D2030 - Sanitary Waste	Sanitary Waste - Gravity Discharge	50	0.00	2058	Apr 26, 2021	278,576	222,861	
D2040 - Rain Water Drainage	Roof Drainage - Gravity	50	0.00	2058	Apr 26, 2021	217,086	173,669	
D3030 - Cooling Generating Systems	Heat Pump DX Condensing Unit - 2 Ton	15	1.25	2023	Apr 26, 2021	178,225	142,580	
D3030 - Cooling Generating Systems	Heat Pump DX Condensing Unit - 3 1/2 Ton	15	1.25	2023	Apr 26, 2021	27,109	21,687	
D3030 - Cooling Generating Systems	Heat Pump DX Condensing Unit - 3 Ton	15	1.25	2023	Apr 26, 2021	18,451	14,761	
D3040 - Distribution Systems	Central AHU - Const Volume w/Distribution	25	0.00	2033	Apr 26, 2021	1,986,655	1,589,324	
D3040 - Distribution Systems	Exhaust System - Roof Fan - Medium	20	0.00	2028	Apr 26, 2021	18,723	14,979	
D3040 - Distribution Systems	HVAC Distribution Ductwork	25	0.00	2033	Apr 26, 2021	1,186,919	949,535	
D3050 - Terminal and Package Units	Rooftop Unitary AC - Cooling Only - 2008	15	0.00	2027	Apr 26, 2021	26,687	21,349	
D3050 - Terminal and Package Units	Rooftop Unitary AC - Cooling Only - 2012 - RTU-1	15	0.00	2027	Apr 26, 2021	27,188	21,751	
D3050 - Terminal and Package Units	Rooftop Unitary AC - Cooling Only - 2012 - RTU-3	15	0.00	2027	Apr 26, 2021	57,884	46,307	
D3050 - Terminal and Package Units	Split DX AC - 2008	15	1.25	2023	Apr 26, 2021	7,127	5,701	
D3050 - Terminal and Package Units	Split DX AC - 2018	15	0.00	2033	Apr 26, 2021	7,991	6,393	
D3050 - Terminal and Package Units	Unit Heaters - Electric	15	1.12	2023	Apr 26, 2021	10,188	9,097	
D3060 - Controls and Instrumentation	Electric Controls	20	0.00	2028	Apr 26, 2021	159,447	127,558	
D40 - Fire Protection	Fire Extinguishers - Dry Chemical	30	0.00	2051	Apr 26, 2021	2,560	2,438	
D40 - Fire Protection	Wet Sprinkler System - Light Hazard w/Pump	35	0.00	2043	Apr 26, 2021	736,927	589,542	
D5012 - Low Tension Service and Dist.	Distribution Equipment, Panelboards, and Feeders - 2500A 208Y/120V	30	0.00	2038	Apr 26, 2021	523,850	419,080	
D5020 - Lighting and Branch Wiring	Lighting - Exterior - CFL Fixtures	20	0.00	2028	Apr 26, 2021	8,575	6,860	
D5021 - Branch Wiring Devices	Branch Wiring - Equipment & Devices	30	0.00	2038	Apr 26, 2021	285,808	228,646	
D5022 - Lighting Equipment	Lighting Fixtures	20	0.00	2028	Apr 26, 2021	345,231	276,185	
D5032 - Intercommunication and Paging System	Emergency Alert Box System	10	1.25	2024	Apr 26, 2021	8,564	6,851	
D5033 - Telephone Systems	Telephone System	10	1.06	2024	Apr 26, 2021	311,848	294,196	
D5037 - Fire Alarm Systems	Fire Alarm Control Panel	10	1.25	2023	Apr 26, 2021	69,269	55,415	
D5037 - Fire Alarm Systems	Fire Alarm System - Devices	10	1.25	2023	Apr 26, 2021	134,871	107,897	
D5037 - Fire Alarm Systems	Fire Alarm System - Wiring and Conduit	30	0.00	2038	Apr 26, 2021	66,524	53,219	
D5038 - Security and Detection Systems	Security System - Card Access System	10	1.25	2025	Apr 26, 2021	80,831	64,665	
D5038 - Security and Detection Systems	Security System - CCTV - Cameras	10	0.00	2028	Apr 26, 2021	26,897	21,518	
D5039 - Local Area Networks	LAN System	15	1.06	2023	Apr 26, 2021	354,887	334,799	
D5092 - Emergency Light and Power Systems	Exit Signs	10	1.25	2023	Apr 26, 2021	10,012	8,010	
E - Equipment and Furnishings	Fixed Casework - Average	25	0.00	2033	Apr 26, 2021	276,956	221,565	
E - Equipment and Furnishings	Mailboxes - Average - Fixed	30	0.00	2038	Apr 26, 2021	27,292	21,834	
E10 - Equipment	Roof Access Ladder - Ship Ladder	50	0.00	2058	Apr 26, 2021	4,940	4,705	
G4021 - Fixtures and Transformers	Lighting Fixtures - Exterior - Landscape Bollard	20	0.00	2028	Apr 26, 2021	3,299	2,639	
Asset: Patriot Hall 2							19,155,510	
Summary							19,155,510	

Currency : USD

Region: Richard Bland College of William & Mary

Asset: President's Residence 18

Campus: Buildings

Asset Size: 2,890 SF

Asset Replacement Value: 1,052,907

System Category	System Name	Lifetime	SCI	Renewal Action FY	Date Inspected	Renewal Action Cost	Replacement Cost
A - Substructure	Foundation Wall and Footings - No Basement - Brick	75	0.00	2031	Apr 26, 2021	4,809	76,947
A - Substructure	Structural Slab on Grade - Basement Floor	75	0.00	2031	Apr 26, 2021	396	6,597
B10 - Superstructure	Brick Chimney	50	0.00	2031	Apr 26, 2021	14,284	13,604
B10 - Superstructure	Multi-Story - Wood Frame - 1925	75	0.00	2031	Apr 26, 2021	4,606	76,767
B10 - Superstructure	Single-Story - Wood - Crawl Space-Basement - 2007	75	0.00	2082	Apr 26, 2021	832	13,320
B10 - Superstructure	Wood Porch - Front	25	0.00	2031	Apr 26, 2021	26,459	21,167
B1015 - Exterior Stairs and Fire Escapes	Exterior Stairs - Wood	20	0.00	2031	Apr 26, 2021	3,810	3,401
B2010 - Exterior Walls	Vinyl Siding	40	0.00	2047	Apr 26, 2021	5,198	41,580
B2011 - Exterior Wall Construction	Painted Finish - Deck/Trim	15	0.00	2029	Apr 26, 2021	3,300	2,640
B2020 - Exterior Windows	Windows - Vinyl	30	0.00	2044	Apr 26, 2021	3,881	3,104
B2030 - Exterior Doors	Door Assembly - 3 x 7 - Screen Door	30	0.00	2037	Apr 26, 2021	1,939	1,551
B2030 - Exterior Doors	Door Assembly - 3 x 7 Wood - 1925	30	0.00	2031	Apr 26, 2021	12,932	10,346
B30 - Roofing	Gutters and Downspouts - Aluminum	25	0.00	2039	Apr 26, 2021	3,221	2,577
B30 - Roofing	Metal Roofing - High End	65	0.00	2079	Apr 26, 2021	180,731	144,585
C1010 - Partitions	Plaster On Furring (Non-Painted)	50	0.00	2031	Apr 26, 2021	10,140	16,224
C1010 - Partitions	Plaster Partitions - Standard (Non-Painted)	50	0.00	2031	Apr 26, 2021	51,439	82,302
C1020 - Interior Doors	Wood Interior Doors - Residential - 1925	50	0.00	2031	Apr 26, 2021	30,442	24,354
C1020 - Interior Doors	Wood Interior Doors - Residential - 2007	50	0.00	2057	Apr 26, 2021	3,805	3,044
C20 - Stairs	Stairs - Wood - Residential	75	0.00	2031	Apr 26, 2021	1,425	3,852
C3010 - Wall Finishes	Ceramic Wall Tile	25	1.25	2026	Apr 26, 2021	3,300	2,640
C3010 - Wall Finishes	Painted Finish	10	0.00	2028	Apr 26, 2021	13,200	10,560
C3020 - Floor Finishes	Carpeting - Broadloom	10	1.25	2024	Apr 26, 2021	2,243	1,795
C3020 - Floor Finishes	Ceramic Floor Tile - 1925	25	1.25	2026	Apr 26, 2021	1,968	1,575
C3020 - Floor Finishes	Ceramic Floor Tile - 2007	25	0.00	2032	Apr 26, 2021	2,460	1,968
C3020 - Floor Finishes	Wood Flooring	25	1.25	2026	Apr 26, 2021	67,617	54,094
C3030 - Ceiling Finishes	GWB Taped and Finished	30	0.00	2037	Apr 26, 2021	5,709	4,568
C3030 - Ceiling Finishes	Painted Plaster Ceilings	30	0.00	2031	Apr 26, 2021	27,245	21,796
D2010 - Plumbing Fixtures	Kitchen - Cabinet, Counter and Sink	30	0.00	2042	Apr 26, 2021	5,848	4,679
D2010 - Plumbing Fixtures	Restroom Fixtures	30	0.00	2027	Apr 26, 2021	32,028	25,622
D2010 - Plumbing Fixtures	Restroom Fixtures, Tiled Individual Shower	30	0.00	2042	Apr 26, 2021	10,391	8,313
D2020 - Domestic Water Distribution	Water Dist Complete	30	0.00	2042	Apr 26, 2021	8,890	7,938
D2020 - Domestic Water Distribution	Water Heater - Elec - Residential - 50 Gal	10	1.12	2026	Apr 26, 2021	6,827	6,095
D2030 - Sanitary Waste	Sanitary Waste - Gravity Discharge	50	0.00	2027	Apr 26, 2021	12,715	10,172
D3012 - Gas Supply System	Natural Gas Service to Bldg - 1" Feed	40	0.00	2048	Apr 26, 2021	3,114	2,491
D3020 - Heat Generating Systems	Boiler HW - Gas-Fired	30	0.00	2040	Apr 26, 2021	32,515	26,012
D3030 - Cooling Generating Systems	DX Condensing Unit - 2 1/2 Ton - 2007	15	1.25	2023	Apr 26, 2021	4,113	3,290
D3030 - Cooling Generating Systems	DX Condensing Unit - 2 Ton - 2014	15	0.00	2029	Apr 26, 2021	8,226	6,581
D3040 - Distribution Systems	Central AHU - Const Volume w/Distribution - 2008	25	0.00	2033	Apr 26, 2021	90,303	72,242
D3040 - Distribution Systems	Central AHU - Const Volume w/Distribution - 2016	25	0.00	2041	Apr 26, 2021	45,151	36,121
D3040 - Distribution Systems	Exhaust System - Restroom Ceiling Fan	20	0.00	2032	Apr 26, 2021	773	619
D3040 - Distribution Systems	HVAC Distribution Ductwork	25	0.00	2032	Apr 26, 2021	54,173	43,339
D3040 - Distribution Systems	Perimeter Heat - Electric Baseboard	30	0.00	2038	Apr 26, 2021	2,764	2,468
D3040 - Distribution Systems	Perimeter Heat System - Hydronic Radiators	18	0.00	2027	Apr 26, 2021	36,178	32,302
D3040 - Distribution Systems	Ventilation System - Ceiling Fans	15	0.00	2027	Apr 26, 2021	6,399	5,120
D3050 - Terminal and Package Units	Unit Heaters - Electric	15	1.12	2022	Apr 26, 2021	9,360	8,358
D3060 - Controls and Instrumentation	Electric Controls	20	0.00	2036	Apr 26, 2021	7,277	5,822
D40 - Fire Protection	Fire Extinguishers - Dry Chemical	30	0.00	2051	Apr 26, 2021	171	163

Currency : USD

System Category	System Name	Lifetime	SCI	Renewal Action FY	Date Inspected	Renewal Action Cost	Replacement Cost	
D5012 - Low Tension Service and Dist.	Main Electrical Service - 200A 208Y/120V + Distribution	30	1.25	2025	Apr 26, 2021	35,806	28,645	
D5020 - Lighting and Branch Wiring	Lighting - Exterior - Incandescent and CFL Fixtures	20	0.00	2028	Apr 26, 2021	3,062	2,450	
D5021 - Branch Wiring Devices	Branch Wiring - Equipment & Devices	30	1.25	2025	Apr 26, 2021	13,045	10,436	
D5022 - Lighting Equipment	Lighting Fixtures	20	0.00	2028	Apr 26, 2021	11,262	9,009	
D5033 - Telephone Systems	Telephone System	10	0.00	2027	Apr 26, 2021	9,489	8,952	
D5039 - Local Area Networks	LAN System	15	0.00	2030	Apr 26, 2021	16,198	15,281	
D5092 - Emergency Light and Power Systems	Emergency Generator	20	0.00	2028	Apr 26, 2021	26,217	20,973	
E10 - Equipment	Folding Attic Access Steps	50	0.00	2057	Apr 26, 2021	2,583	2,460	
Asset: President's Residence 18							1,052,907	
Summary							1,052,907	

Currency : USD

Region: Richard Bland College of William & Mary

Asset: Statesman Hall 3

Campus: Buildings

Asset Size: 33,620 SF

Asset Replacement Value: 13,009,246

System Category	System Name	Lifetime	SCI	Renewal Action FY	Date Inspected	Renewal Action Cost	Replacement Cost
A - Substructure	Foundation Wall and Footings - No Basement	75	0.00	2046	Apr 26, 2021	8,097	134,956
A - Substructure	Structural Slab on Grade - Non-Industrial - 4-In.	75	0.00	2046	Apr 26, 2021	17,503	280,043
B10 - Superstructure	High Bay - Steel Frame with Composite Steel Roof Deck - Gymnasium Court	75	0.00	2046	Apr 26, 2021	244,715	3,915,434
B10 - Superstructure	Multi-Story - Steel	75	0.00	2046	Apr 26, 2021	13,288	212,606
B1014 - Ramps	Exterior Accessible Ramp - Concrete	50	0.12	2026	Apr 26, 2021	5,128	41,025
B2010 - Exterior Walls	Brick Veneer Walls - Metal Stud Backup	75	0.00	2046	Apr 26, 2021	40,038	333,648
B2013 - Exterior Louvers, Screens, and Fencing	Equipment Screen Walls - Metal Panels - Rooftop	50	0.13	2026	Apr 26, 2021	3,238	25,900
B2020 - Exterior Windows	Aluminum Windows	30	1.25	2026	Apr 26, 2021	195,608	156,486
B2030 - Exterior Doors	Door Assembly - 3 x 7 Storefront	30	0.00	2041	Apr 26, 2021	25,402	20,321
B2030 - Exterior Doors	Door Assembly - 6 x 7 HM	30	1.25	2026	Apr 26, 2021	10,043	8,034
B2030 - Exterior Doors	Door Assembly - 6 x 7 Storefront - 2011	30	0.00	2041	Apr 26, 2021	206,817	165,453
B30 - Roofing	Single-Ply EPDM Membrane - Ballasted	25	0.00	2036	Apr 26, 2021	672,527	538,022
B30 - Roofing	Slate Tile Roofing	75	0.00	2046	Apr 26, 2021	114,618	91,694
B3022 - Roof Hatches	Roof Hatch	40	0.00	2051	Apr 26, 2021	3,630	2,904
C1010 - Partitions	CMU Block Walls - Plain	50	0.62	2026	Apr 26, 2021	377,106	608,235
C1010 - Partitions	GWB Partitions - Standard (Non-Painted)	50	0.63	2026	Apr 26, 2021	100,444	160,710
C1010 - Partitions	GWB Partitions On Furring (Non-Painted)	50	0.63	2026	Apr 26, 2021	16,803	26,884
C1020 - Interior Doors	Swinging Doors - 3 x 7 HM - NR	50	1.25	2026	Apr 26, 2021	19,359	15,487
C1020 - Interior Doors	Swinging Doors - 3 x 7 Storefront	50	1.25	2026	Apr 26, 2021	8,467	6,774
C1020 - Interior Doors	Swinging Doors - 3 x 7 Wd - NR - 1971	50	1.25	2026	Apr 26, 2021	221,888	177,510
C1020 - Interior Doors	Swinging Doors - 3 x 7 Wd - NR - 2011	50	1.14	2061	Apr 26, 2021	12,560	10,048
C1030 - Fittings	Restroom Accessories	25	0.00	2036	Apr 26, 2021	112,308	89,846
C1030 - Fittings	Toilet Partitions - 1971	40	1.25	2026	Apr 26, 2021	15,619	12,495
C1030 - Fittings	Toilet Partitions - 2011	40	0.00	2051	Apr 26, 2021	42,951	34,361
C1035 - Identifying Devices	Fittings - Signage (Room Numbering and Identification) - 1995	10	1.25	2021	Apr 26, 2021	7,396	5,916
C1035 - Identifying Devices	Fittings - Signage (Room Numbering and Identification) - 2011	10	1.25	2026	Apr 26, 2021	8,687	6,950
C20 - Stairs	Stairs - Exit	75	0.00	2046	Apr 26, 2021	15,755	42,013
C3010 - Wall Finishes	Ceramic Wall Tile - 1971	25	1.25	2026	Apr 26, 2021	35,125	28,100
C3010 - Wall Finishes	Ceramic Wall Tile - 2011	25	0.00	2036	Apr 26, 2021	74,153	59,323
C3010 - Wall Finishes	Painted Finish - (1 Coat Prime - 2 Coats Finish)	10	0.00	2028	Apr 26, 2021	99,000	79,200
C3020 - Floor Finishes	Access Computer Room Flooring System	25	0.00	2036	Apr 26, 2021	64,531	51,624
C3020 - Floor Finishes	Carpeting - Broadloom - Medium Range	10	1.25	2024	Apr 26, 2021	27,742	22,194
C3020 - Floor Finishes	Carpeting - Tile	10	0.00	2028	Apr 26, 2021	74,377	59,501
C3020 - Floor Finishes	Ceramic Tile	25	1.25	2026	Apr 26, 2021	47,529	38,023
C3020 - Floor Finishes	Epoxy Flooring - Interior	25	0.00	2036	Apr 26, 2021	53,404	42,723
C3020 - Floor Finishes	Rubber Tile - Athletic	15	1.25	2026	Apr 26, 2021	68,344	54,675
C3020 - Floor Finishes	Terrazzo - Cast-in-Place	50	1.25	2026	Apr 26, 2021	162,858	130,286
C3020 - Floor Finishes	Vinyl Composition Tile - Quality - 2005	20	1.25	2025	Apr 26, 2021	9,788	7,830
C3020 - Floor Finishes	Vinyl Composition Tile - Quality - 2011	20	0.00	2031	Apr 26, 2021	11,745	9,396
C3020 - Floor Finishes	Wood Flooring - Gymnasium	25	0.00	2036	Apr 26, 2021	460,866	368,692
C3030 - Ceiling Finishes	ACT System - Standard - 2005	20	1.25	2025	Apr 26, 2021	40,702	32,562
C3030 - Ceiling Finishes	ACT System - Standard - 2011	20	0.00	2031	Apr 26, 2021	135,675	108,540
C3030 - Ceiling Finishes	GWB Taped and Finished	30	1.25	2026	Apr 26, 2021	64,706	51,765
C3030 - Ceiling Finishes	Painted Ceiling Finish - Exposed Structure and Deck	20	0.00	2031	Apr 26, 2021	19,181	12,788
D1010 - Elevators and Lifts	Hydraulic Passenger Elevator	35	0.00	2040	Apr 26, 2021	148,823	119,059

Currency : USD

System Category	System Name	Lifetime	SCI	Renewal Action FY	Date Inspected	Renewal Action Cost	Replacement Cost	
D1090 - Other Conveying Systems	Dumbwaiter	35	0.00	2040	Apr 26, 2021	33,094	26,475	
D2010 - Plumbing Fixtures	Custodial/Utility Sinks - Floor Sink	30	1.25	2023	Apr 26, 2021	17,272	13,818	
D2010 - Plumbing Fixtures	Kitchenette - Cabinet, Counter and Sink	30	0.00	2041	Apr 26, 2021	5,848	4,679	
D2010 - Plumbing Fixtures	Restroom Fixtures	30	0.00	2035	Apr 26, 2021	91,615	73,292	
D2010 - Plumbing Fixtures	Restroom Fixtures, Tiled Individual Shower	30	0.00	2035	Apr 26, 2021	405,246	324,196	
D2010 - Plumbing Fixtures	Water Coolers - Wall-Mounted	20	1.25	2023	Apr 26, 2021	32,741	26,193	
D2020 - Domestic Water Distribution	Water Distribution Complete	30	1.12	2023	Apr 26, 2021	103,420	92,340	
D2020 - Domestic Water Distribution	Water Heater - Electric - 30 Gal	10	1.12	2023	Apr 26, 2021	5,672	5,064	
D2030 - Sanitary Waste	Sanitary Waste - Gravity Discharge	50	1.25	2024	Apr 26, 2021	147,914	118,331	
D3012 - Gas Supply System	Natural Gas Service to Bldg - 2" Feed	40	0.00	2051	Apr 26, 2021	4,469	3,575	
D3020 - Heat Generating Systems	Boiler HW - Gas-Fired	30	0.00	2050	Apr 26, 2021	238,937	191,150	
D3030 - Cooling Generating Systems	Chiller - Reciprocating - Air-Cooled	20	0.00	2034	Apr 26, 2021	398,805	319,044	
D3030 - Cooling Generating Systems	Heat Pump DX Condensing Unit - 4 Ton	15	1.25	2026	Apr 26, 2021	7,692	6,154	
D3040 - Distribution Systems	Ceiling Fan	25	0.00	2036	Apr 26, 2021	3,994	3,195	
D3040 - Distribution Systems	Central AHU - Const Volume w/Distribution - 1971	25	1.25	2023	Apr 26, 2021	674,858	539,886	
D3040 - Distribution Systems	Exhaust System - Exhaust Fan - 1971	15	1.25	2022	Apr 26, 2021	19,676	15,741	
D3040 - Distribution Systems	Exhaust System - Exhaust Fan - 2011	15	1.25	2026	Apr 26, 2021	29,640	23,712	
D3040 - Distribution Systems	Perimeter Heat System - Hydronic Fin Tube	18	1.12	2024	Apr 26, 2021	584,157	521,569	
D3040 - Distribution Systems	Ventilation System - Make Up Air Fan	15	1.25	2026	Apr 26, 2021	229,318	183,454	
D3050 - Terminal and Package Units	Computer Room Cooling - DX w/Air Cooled Remote Condenser	20	0.00	2031	Apr 26, 2021	152,099	121,679	
D3050 - Terminal and Package Units	Rooftop Unitary AC - Elec. Heat/Cooling - 2004	20	1.25	2024	Apr 26, 2021	54,140	43,312	
D3050 - Terminal and Package Units	Rooftop Unitary AC - Elec. Heat/Cooling - 2017	20	0.00	2037	Apr 26, 2021	108,280	86,624	
D3050 - Terminal and Package Units	Unit Heaters - Hot Water	25	1.12	2024	Apr 26, 2021	77,380	69,089	
D3060 - Controls and Instrumentation	DDC/Pneumatic System - Hybrid	25	1.25	2021	Apr 26, 2021	341,019	272,815	
D40 - Fire Protection	Fire Extinguishers - Dry Chemical	30	0.00	2051	Apr 26, 2021	3,413	3,250	
D5012 - Low Tension Service and Dist.	Distribution Equipment, Panelboards, and Feeders - 1200A 208Y/120V - 2015	30	0.00	2045	Apr 26, 2021	81,656	65,324	
D5012 - Low Tension Service and Dist.	Distribution Equipment, Panelboards, and Feeders - 800A 208Y/120V - 1971	30	1.25	2024	Apr 26, 2021	111,741	89,392	
D5020 - Lighting and Branch Wiring	Lighting - Exterior - CFL Fixtures	20	0.00	2031	Apr 26, 2021	9,800	7,840	
D5020 - Lighting and Branch Wiring	Lighting - Exterior - HID Wall Packs	20	0.00	2031	Apr 26, 2021	6,846	5,477	
D5021 - Branch Wiring Devices	Branch Wiring - Equipment & Devices	30	0.00	2035	Apr 26, 2021	151,753	121,403	
D5022 - Lighting Equipment	Lighting Fixtures	20	1.25	2025	Apr 26, 2021	183,305	146,644	
D5031 - Public Address and Music Systems	Scoreboard Single-Sided - College/High School Arena	15	1.25	2024	Apr 26, 2021	6,541	5,233	
D5032 - Intercommunication and Paging System	Emergency Alert Box System	10	1.25	2024	Apr 26, 2021	2,141	1,713	
D5037 - Fire Alarm Systems	Fire Alarm Control Panel	10	1.25	2024	Apr 26, 2021	69,269	55,415	
D5037 - Fire Alarm Systems	Fire Alarm System - Devices	10	1.25	2024	Apr 26, 2021	71,611	57,289	
D5037 - Fire Alarm Systems	Fire Alarm System - Wiring and Conduit	30	0.00	2035	Apr 26, 2021	35,322	28,257	
D5038 - Security and Detection Systems	Security System - Card Access System	10	1.25	2023	Apr 26, 2021	42,918	34,335	
D5038 - Security and Detection Systems	Security System - CCTV - Cameras	10	0.00	2028	Apr 26, 2021	3,362	2,690	
D5039 - Local Area Networks	LAN System	15	1.06	2023	Apr 26, 2021	188,432	177,766	
D5092 - Emergency Light and Power Systems	Emergency Battery Pack Lights	10	1.25	2023	Apr 26, 2021	12,539	10,031	
D5092 - Emergency Light and Power Systems	Emergency Generator - 300kW	20	0.00	2030	Apr 26, 2021	134,239	107,391	
D5092 - Emergency Light and Power Systems	Exit Signs	10	1.25	2023	Apr 26, 2021	34,041	27,233	
E - Equipment and Furnishings	Basketball Goals - Ceiling Mounted - Electric - Retractable	30	0.00	2041	Apr 26, 2021	95,623	76,499	
E - Equipment and Furnishings	Black-out Curtains - Electrically Operated	25	0.00	2036	Apr 26, 2021	168,855	135,084	
E - Equipment and Furnishings	Fixed Casework	25	0.00	2036	Apr 26, 2021	44,313	35,450	
E10 - Equipment	Roof Access Ladder - Interior	50	1.05	2026	Apr 26, 2021	2,991	2,849	
E1029 - Other Institutional Equipment	Lockers - Fixed	25	0.00	2036	Apr 26, 2021	47,498	37,998	
E2015 - Fixed Multiple Seating	Bleachers - Telescoping	40	0.00	2051	Apr 26, 2021	361,570	289,256	
Asset: Statesman Hall 3							13,009,246	
Campus: Buildings							13,009,246	



Currency: USD

System Category	System Name	Lifetime	SCI	Renewal Action FY	Date Inspected	Renewal Action Cost	Replacement Cost
Summary							13,008,246

Currency : USD

Region: Richard Bland College of William & Mary

Asset: Richard Bland - Site 1

Campus: Site Infrastructure

Asset Size: 5,100,000 SF

Asset Replacement Value: 9,429,255

System Category	System Name	Lifetime	SCI	Renewal Action FY	Date Inspected	Renewal Action Cost	Replacement Cost
D2090 - Other Plumbing Systems	Natural Gas - Site Distribution	40	0.00	2035	Apr 26, 2021	828,559	662,847
G2011 - Bases and Sub-Bases	Roadway Flexible Pavement - Base Course - Barn Theater	65	0.00	2073	Apr 26, 2021	842	7,012
G2011 - Bases and Sub-Bases	Roadway Flexible Pavement - Base Course - Freedom/Patriot Hall	65	0.00	2073	Apr 26, 2021	3,442	28,688
G2011 - Bases and Sub-Bases	Roadway Flexible Pavement - Base Course - SSHE	65	0.00	2073	Apr 26, 2021	1,683	14,025
G2011 - Bases and Sub-Bases	Roadway Flexible Pavement - Base Course - Statesman Hall	65	0.00	2073	Apr 26, 2021	1,071	8,925
G2011 - Bases and Sub-Bases	Roadway Flexible Pavement - Intermediate Course - Barn Theater	25	0.00	2033	Apr 26, 2021	9,338	15,061
G2011 - Bases and Sub-Bases	Roadway Flexible Pavement - Intermediate Course - Freedom/Patriot Hall	25	0.00	2033	Apr 26, 2021	38,199	61,612
G2011 - Bases and Sub-Bases	Roadway Flexible Pavement - Intermediate Course - SSHE	25	0.00	2033	Apr 26, 2021	18,675	30,121
G2011 - Bases and Sub-Bases	Roadway Flexible Pavement - Intermediate Course - Statesman Hall	25	0.00	2033	Apr 26, 2021	11,884	19,168
G2012 - Paving and Surfacing	Roadway - Gravel	65	0.00	2075	Apr 26, 2021	6,120	51,000
G2012 - Paving and Surfacing	Roadway Flexible Pavement - Surface Course - Barn Theater	25	0.00	2033	Apr 26, 2021	13,005	10,404
G2012 - Paving and Surfacing	Roadway Flexible Pavement - Surface Course - Freedom/Patriot Hall	25	0.00	2033	Apr 26, 2021	53,203	42,562
G2012 - Paving and Surfacing	Roadway Flexible Pavement - Surface Course - SSHE	25	0.00	2033	Apr 26, 2021	26,010	20,808
G2012 - Paving and Surfacing	Roadway Flexible Pavement - Surface Course - Statesman Hall	25	0.00	2033	Apr 26, 2021	16,552	13,242
G2012 - Paving and Surfacing	Roadway Rigid Pavement (Concrete) - Surface Course - McNeer Hall	25	0.00	2033	Apr 26, 2021	217,312	173,850
G2021 - Bases and Sub-Bases	Parking Lot Flexible Pavement - Base Course - Athletic Fields	65	0.12	2025	Apr 26, 2021	13,770	114,750
G2021 - Bases and Sub-Bases	Parking Lot Flexible Pavement - Base Course - Barn Theater	65	0.12	2025	Apr 26, 2021	3,060	25,500
G2021 - Bases and Sub-Bases	Parking Lot Flexible Pavement - Base Course - Commerce Hall	65	0.00	2075	Apr 26, 2021	872	7,268
G2021 - Bases and Sub-Bases	Parking Lot Flexible Pavement - Base Course - Enrollment Services Center	65	0.12	2025	Apr 26, 2021	918	7,650
G2021 - Bases and Sub-Bases	Parking Lot Flexible Pavement - Base Course - Freedom/Patriot Hall	65	0.12	2025	Apr 26, 2021	15,300	127,500
G2021 - Bases and Sub-Bases	Parking Lot Flexible Pavement - Base Course - Maintenance	65	0.12	2025	Apr 26, 2021	1,836	15,300
G2021 - Bases and Sub-Bases	Parking Lot Flexible Pavement - Base Course - Maze Administration	65	0.12	2025	Apr 26, 2021	17,595	146,625
G2021 - Bases and Sub-Bases	Parking Lot Flexible Pavement - Base Course - SSHE	65	0.12	2025	Apr 26, 2021	1,224	10,200
G2021 - Bases and Sub-Bases	Parking Lot Flexible Pavement - Base Course - Statesman Hall	65	0.12	2025	Apr 26, 2021	2,754	22,950
G2021 - Bases and Sub-Bases	Parking Lot Flexible Pavement - Base Course - The Commons	65	0.12	2025	Apr 26, 2021	1,530	12,750
G2021 - Bases and Sub-Bases	Parking Lot Flexible Pavement - Intermediate Course - Athletic Fields	25	0.00	2030	Apr 26, 2021	139,034	224,248
G2021 - Bases and Sub-Bases	Parking Lot Flexible Pavement - Intermediate Course - Barn Theater	25	0.00	2030	Apr 26, 2021	30,896	49,833
G2021 - Bases and Sub-Bases	Parking Lot Flexible Pavement - Intermediate Course - Commerce Hall	25	0.00	2035	Apr 26, 2021	8,805	14,202

Currency : USD

System Category	System Name	Lifetime	SCI	Renewal Action FY	Date Inspected	Renewal Action Cost	Replacement Cost
G2021 - Bases and Sub-Bases	Parking Lot Flexible Pavement - Intermediate Course - Enrollment Services Center	25	0.00	2030	Apr 26, 2021	9,269	14,950
G2021 - Bases and Sub-Bases	Parking Lot Flexible Pavement - Intermediate Course - Freedom/Patriot Hall	25	0.00	2030	Apr 26, 2021	154,482	249,164
G2021 - Bases and Sub-Bases	Parking Lot Flexible Pavement - Intermediate Course - Maintenance	25	0.00	2030	Apr 26, 2021	18,538	29,900
G2021 - Bases and Sub-Bases	Parking Lot Flexible Pavement - Intermediate Course - Maze Administration	25	0.00	2030	Apr 26, 2021	177,654	286,539
G2021 - Bases and Sub-Bases	Parking Lot Flexible Pavement - Intermediate Course - SSHE	25	0.00	2030	Apr 26, 2021	12,359	19,933
G2021 - Bases and Sub-Bases	Parking Lot Flexible Pavement - Intermediate Course - Statesman Hall	25	0.00	2030	Apr 26, 2021	27,807	44,850
G2021 - Bases and Sub-Bases	Parking Lot Flexible Pavement - Intermediate Course - The Commons	25	0.00	2030	Apr 26, 2021	15,448	24,916
G2022 - Paving and Surfacing	Parking Lot Flexible Pavement - Surface Course - Athletic Fields	25	3.42	2030	Apr 26, 2021	308,062	246,450
G2022 - Paving and Surfacing	Parking Lot Flexible Pavement - Surface Course - Barn Theater	25	0.00	2030	Apr 26, 2021	68,458	54,767
G2022 - Paving and Surfacing	Parking Lot Flexible Pavement - Surface Course - Commerce Hall	25	0.00	2035	Apr 26, 2021	19,511	15,608
G2022 - Paving and Surfacing	Parking Lot Flexible Pavement - Surface Course - Enrollment Services Center	25	0.00	2030	Apr 26, 2021	20,538	16,430
G2022 - Paving and Surfacing	Parking Lot Flexible Pavement - Surface Course - Freedom/Patriot Hall	25	0.00	2030	Apr 26, 2021	342,292	273,833
G2022 - Paving and Surfacing	Parking Lot Flexible Pavement - Surface Course - Maintenance	25	0.00	2030	Apr 26, 2021	41,075	32,860
G2022 - Paving and Surfacing	Parking Lot Flexible Pavement - Surface Course - Maze Administration	25	0.00	2030	Apr 26, 2021	393,635	314,908
G2022 - Paving and Surfacing	Parking Lot Flexible Pavement - Surface Course - SSHE	25	0.00	2030	Apr 26, 2021	27,383	21,907
G2022 - Paving and Surfacing	Parking Lot Flexible Pavement - Surface Course - Statesman Hall	25	0.00	2030	Apr 26, 2021	61,612	49,290
G2022 - Paving and Surfacing	Parking Lot Flexible Pavement - Surface Course - The Commons	25	0.00	2030	Apr 26, 2021	34,229	27,383
G2022 - Paving and Surfacing	Parking Lot Pavement (Concrete) - Surface Course - McNeer	25	0.00	2033	Apr 26, 2021	150,911	120,729
G2023 - Curbs, Rails and Barriers	Parking Lot - Curbs, Rails and Barriers - Cast-In-Place Concrete - Freedom/Patriot Hall	25	0.00	2033	Apr 26, 2021	164,936	131,949
G2025 - Markings and Signage	Parking Lot - Traffic Control - Painted Pavement Markings - Athletic Fields	10	1.15	2025	Apr 26, 2021	27,058	23,528
G2025 - Markings and Signage	Parking Lot - Traffic Control - Painted Pavement Markings - Barn Theater	10	1.15	2025	Apr 26, 2021	3,170	2,756
G2025 - Markings and Signage	Parking Lot - Traffic Control - Painted Pavement Markings - Commerce Hall	10	1.15	2026	Apr 26, 2021	3,092	2,689
G2025 - Markings and Signage	Parking Lot - Traffic Control - Painted Pavement Markings - Enrollment Services Center	10	1.15	2025	Apr 26, 2021	1,160	1,008
G2025 - Markings and Signage	Parking Lot - Traffic Control - Painted Pavement Markings - Freedom/Patriot Hall	10	1.15	2025	Apr 26, 2021	21,260	18,487
G2025 - Markings and Signage	Parking Lot - Traffic Control - Painted Pavement Markings - Maintenance	10	1.15	2025	Apr 26, 2021	1,160	1,008
G2025 - Markings and Signage	Parking Lot - Traffic Control - Painted Pavement Markings - Maze Administration	10	1.15	2025	Apr 26, 2021	23,192	20,167
G2025 - Markings and Signage	Parking Lot - Traffic Control - Painted Pavement Markings - McNeer Hall	10	1.15	2025	Apr 26, 2021	3,865	3,361
G2025 - Markings and Signage	Parking Lot - Traffic Control - Painted Pavement Markings - SSHE	10	1.15	2025	Apr 26, 2021	3,865	3,361
G2025 - Markings and Signage	Parking Lot - Traffic Control - Painted Pavement Markings - Statesman Hall	10	1.15	2025	Apr 26, 2021	4,252	3,697
G2025 - Markings and Signage	Parking Lot - Traffic Control - Painted Pavement Markings - The Commons	10	1.15	2025	Apr 26, 2021	2,474	2,151
G2031 - Paving and Surfacing	Pedestrian Pavement - Concrete - 2000	25	0.00	2031	Apr 26, 2021	977,991	782,393
G2031 - Paving and Surfacing	Pedestrian Pavement - Concrete - 2008	25	0.00	2033	Apr 26, 2021	427,871	342,297

Currency : USD

System Category	System Name	Lifetime	SCI	Renewal Action FY	Date Inspected	Renewal Action Cost	Replacement Cost
G2031 - Paving and Surfacing	Plazas and Patios - Precast Concrete Pavers - Freedom/Patriot Hall	25	0.00	2033	Apr 26, 2021	215,968	172,774
G2031 - Paving and Surfacing	Plazas and Patios - Stamped Concrete - Enrollment Services Center	25	0.00	2036	Apr 26, 2021	45,815	36,652
G2034 - Pedestrian Bridges	Pedestrian Pavement - Pedestrian Bridge - Wood - Maze Hall	30	0.00	2030	Apr 26, 2021	22,384	17,907
G2034 - Pedestrian Bridges	Pedestrian Pavement - Pedestrian Bridge - Wood - Patriot Hall	30	0.00	2030	Apr 26, 2021	22,384	17,907
G2034 - Pedestrian Bridges	Pedestrian Pavement - Pedestrian Bridge - Wood - Water Garden	30	0.00	2040	Apr 26, 2021	13,430	10,744
G2041 - Fences and Gates	Site Development - Fencing - 10' High Chain Link - Old Tennis Courts	20	1.25	2024	Apr 26, 2021	15,919	12,735
G2041 - Fences and Gates	Site Development - Fencing - 5' High Chain Link - Athletic Fields	20	1.25	2024	Apr 26, 2021	31,838	25,470
G2041 - Fences and Gates	Site Development - Fencing - Vinyl	25	0.00	2040	Apr 26, 2021	39,466	31,573
G2041 - Fences and Gates	Site Development - Fencing - Wood - Freedom/Patriot Hall	20	0.00	2028	Apr 26, 2021	60,169	48,135
G2042 - Retaining Walls	Site Development - Retaining Wall - Concrete	40	1.25	2026	Apr 26, 2021	51,578	41,262
G2047 - Playing Fields	Site Development - Softball Field	25	0.00	2035	Apr 26, 2021	174,948	139,958
G2047 - Playing Fields	Site Development - Tennis Courts	20	0.00	2030	Apr 26, 2021	437,116	470,017
G2048 - Flagpoles	Site Development - Flagpoles - Aluminum	25	0.00	2035	Apr 26, 2021	31,612	25,290
G3014 - Fire Protection Distribution and Storage	Water Distribution Piping - Site General	40	0.00	2035	Apr 26, 2021	579,677	552,073
G3022 - Manholes and Cleanouts	Sanitary Sewer - Manhole - Patriot and Freedom Halls	40	0.00	2048	Apr 26, 2021	6,607	6,292
G3022 - Manholes and Cleanouts	Sanitary Sewer - Manhole - Site General	40	0.00	2035	Apr 26, 2021	72,674	69,213
G3031 - Piping	Sanitary Sewer - Piping - Patriot and Freedom Halls	50	0.00	2058	Apr 26, 2021	191,645	153,316
G3031 - Piping	Sanitary Sewer - Piping - Site General	50	0.00	2045	Apr 26, 2021	1,228,878	983,103
G3031 - Piping	Storm Sewer - Piping - McNeer Hall	50	0.00	2058	Apr 26, 2021	57,719	46,175
G3031 - Piping	Storm Sewer - Piping - Patriot and Freedom Halls	50	0.00	2058	Apr 26, 2021	306,109	244,887
G3032 - Manholes	Storm Sewer - Area Drains/Catch Basins - McNeer Hall	40	0.00	2049	Apr 26, 2021	33,034	31,461
G3032 - Manholes	Storm Sewer - Area Drains/Catch Basins - Patriot and Freedom Halls	40	0.00	2048	Apr 26, 2021	52,854	50,337
G4021 - Fixtures and Transformers	Site Lighting - Fixtures & Transformers - Flood Light - Softball Field	20	0.00	2030	Apr 26, 2021	96,344	77,075
G4021 - Fixtures and Transformers	Site Lighting - Fixtures & Transformers - Flood Light - Volleyball Courts	20	0.00	2030	Apr 26, 2021	48,172	38,538
G4021 - Fixtures and Transformers	Site Lighting - Fixtures & Transformers - Parking Lot - HPS (1-Fixture) - Roadway to Maintenance	20	1.25	2024	Apr 26, 2021	3,851	3,081
G4021 - Fixtures and Transformers	Site Lighting - Fixtures & Transformers - Parking Lot - HPS (1-Fixture) - Barn Bldg.	20	1.25	2024	Apr 26, 2021	3,851	3,081
G4021 - Fixtures and Transformers	Site Lighting - Fixtures & Transformers - Parking Lot - LED (1-Fixture) - Earnst Hall	20	0.00	2034	Apr 26, 2021	43,245	34,596
G4021 - Fixtures and Transformers	Site Lighting - Fixtures & Transformers - Parking Lot - LED (1-Fixture) - Humanities and Social Sciences Bldg	20	0.00	2037	Apr 26, 2021	6,487	5,189
G4021 - Fixtures and Transformers	Site Lighting - Fixtures & Transformers - Parking Lot - LED (1-Fixture) - McNeer Hall	20	0.00	2030	Apr 26, 2021	41,083	32,866
G4021 - Fixtures and Transformers	Site Lighting - Fixtures & Transformers - Parking Lot - LED (1-Fixture) - Patriot and Freedom Hall	20	0.00	2028	Apr 26, 2021	71,354	57,083
G4021 - Fixtures and Transformers	Site Lighting - Fixtures & Transformers - Parking Lot - LED (1-Fixture) - Site General - Brown Acorn Light Poles	20	0.00	2029	Apr 26, 2021	116,762	93,409
G4021 - Fixtures and Transformers	Site Lighting - Fixtures & Transformers - Parking Lot - LED (1-Fixture) - Statesman Hall	20	0.00	2031	Apr 26, 2021	30,272	24,217

Currency : USD

System Category	System Name	Lifetime	SCI	Renewal Action FY	Date Inspected	Renewal Action Cost	Replacement Cost
G4021 - Fixtures and Transformers	Site Lighting - Fixtures & Transformers - Parking Lot - LED (1-Fixture) - Student Affairs Parking	20	1.25	2026	Apr 26, 2021	12,974	10,379
G4021 - Fixtures and Transformers	Site Lighting - Fixtures & Transformers - Parking Lot - LED (1-Fixture) - Track and Track Parking Lot	20	0.00	2031	Apr 26, 2021	10,811	8,649
G4021 - Fixtures and Transformers	Site Lighting - Fixtures & Transformers - Parking Lot - LED (2-Fixture) - McNeer Hall	20	0.00	2030	Apr 26, 2021	8,649	6,919
G4021 - Fixtures and Transformers	Site Lighting - Fixtures & Transformers - Parking Lot - LED (2-Fixture) - Old Tennis Court	20	1.25	2024	Apr 26, 2021	17,298	13,838
G4021 - Fixtures and Transformers	Site Lighting - Fixtures & Transformers - Parking Lot - LED (2-Fixture) - Patriot and Freedom Halls	20	0.00	2028	Apr 26, 2021	12,974	10,379
G4021 - Fixtures and Transformers	Site Lighting - Fixtures & Transformers - Parking Lot - LED (2-Fixture) - Student Affairs Parking	20	1.25	2026	Apr 26, 2021	30,272	24,217
G4021 - Fixtures and Transformers	Site Lighting - Fixtures & Transformers - Parking Lot - LED (2-Fixture) - Track Parking Lot	20	0.00	2031	Apr 26, 2021	34,596	27,677
G4022 - Poles	Site Lighting - Poles - Softball Field	40	0.00	2050	Apr 26, 2021	21,900	17,520
G4022 - Poles	Site Lighting - Poles - Steel - Earnst Hall	40	0.00	2054	Apr 26, 2021	41,774	33,419
G4022 - Poles	Site Lighting - Poles - Steel - Humanities and Social Sciences Bldg	40	0.00	2057	Apr 26, 2021	6,266	5,013
G4022 - Poles	Site Lighting - Poles - Steel - McNeer Hall	40	0.00	2050	Apr 26, 2021	43,863	35,090
G4022 - Poles	Site Lighting - Poles - Steel - Old Tennis Courts	40	0.00	2035	Apr 26, 2021	8,355	6,684
G4022 - Poles	Site Lighting - Poles - Steel - Patriot and Freedom Halls	40	0.00	2048	Apr 26, 2021	77,282	61,825
G4022 - Poles	Site Lighting - Poles - Steel - Roadway to Maintenance	40	0.00	2035	Apr 26, 2021	14,621	11,697
G4022 - Poles	Site Lighting - Poles - Steel - Site General - Brown Acorn Light Poles	40	0.00	2049	Apr 26, 2021	112,789	90,232
G4022 - Poles	Site Lighting - Poles - Steel - Statesman Hall	40	0.00	2051	Apr 26, 2021	29,242	23,393
G4022 - Poles	Site Lighting - Poles - Steel - Student Affairs Parking Lot	40	0.00	2046	Apr 26, 2021	27,153	21,722
G4022 - Poles	Site Lighting - Poles - Steel - Track and Track Parking Lot	40	0.00	2051	Apr 26, 2021	27,153	21,722
G4022 - Poles	Site Lighting - Poles - Volleyball Court	40	0.00	2050	Apr 26, 2021	14,600	11,680
G4022 - Poles	Site Lighting - Poles - Wood - Barn Bldg.	40	0.00	2035	Apr 26, 2021	4,177	3,342
G4023 - Wiring Conduits and Ductbanks	Site Lighting - Wiring Conduits and Ductbanks - Light Fixture Wiring - Barn Bldg.	50	0.00	2045	Apr 26, 2021	3,494	2,795
G4023 - Wiring Conduits and Ductbanks	Site Lighting - Wiring Conduits and Ductbanks - Light Fixture Wiring - Earnst Hall	50	0.00	2061	Apr 26, 2021	34,939	27,951
G4023 - Wiring Conduits and Ductbanks	Site Lighting - Wiring Conduits and Ductbanks - Light Fixture Wiring - Humanities and Social Sciences Bldg	50	0.00	2067	Apr 26, 2021	5,241	4,193
G4023 - Wiring Conduits and Ductbanks	Site Lighting - Wiring Conduits and Ductbanks - Light Fixture Wiring - McNeer Hall	50	0.00	2060	Apr 26, 2021	36,686	29,349
G4023 - Wiring Conduits and Ductbanks	Site Lighting - Wiring Conduits and Ductbanks - Light Fixture Wiring - Old Tennis Courts	50	0.00	2045	Apr 26, 2021	6,988	5,590
G4023 - Wiring Conduits and Ductbanks	Site Lighting - Wiring Conduits and Ductbanks - Light Fixture Wiring - Patriot and Freedom Halls	50	0.00	2058	Apr 26, 2021	64,637	51,710
G4023 - Wiring Conduits and Ductbanks	Site Lighting - Wiring Conduits and Ductbanks - Light Fixture Wiring - Patriot and Freedom Halls	50	0.00	2060	Apr 26, 2021	12,229	9,783
G4023 - Wiring Conduits and Ductbanks	Site Lighting - Wiring Conduits and Ductbanks - Light Fixture Wiring - Roadway to Maintenance	50	0.00	2045	Apr 26, 2021	12,229	9,783
G4023 - Wiring Conduits and Ductbanks	Site Lighting - Wiring Conduits and Ductbanks - Light Fixture Wiring - Site General Brown Acorn Light Poles	50	0.00	2059	Apr 26, 2021	94,336	75,469
G4023 - Wiring Conduits and Ductbanks	Site Lighting - Wiring Conduits and Ductbanks - Light Fixture Wiring - Softball Field	50	0.00	2061	Apr 26, 2021	34,939	27,951
G4023 - Wiring Conduits and Ductbanks	Site Lighting - Wiring Conduits and Ductbanks - Light Fixture Wiring - Statesman Hall	50	0.00	2061	Apr 26, 2021	24,457	19,566
G4023 - Wiring Conduits and Ductbanks	Site Lighting - Wiring Conduits and Ductbanks - Light Fixture Wiring - Student Center Parking Lot	50	0.00	2056	Apr 26, 2021	22,710	18,168

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System Category	System Name	Lifetime	SCI	Renewal Action FY	Date Inspected	Renewal Action Cost	Replacement Cost
G4023 - Wiring Conduits and Ductbanks	Site Lighting - Wiring Conduits and Ductbanks - Light Fixture Wiring - Track and Track Parking Lot	50	0.00	2061	Apr 26, 2021	22,710	18,168
G4023 - Wiring Conduits and Ductbanks	Site Lighting - Wiring Conduits and Ductbanks - Light Fixture Wiring - Volleyball Courts	50	0.00	2060	Apr 26, 2021	6,988	5,590
Asset: Richard Bland - Site 1							9,429,255
Campus: Site Infrastructure							9,429,255
Region: Richard Bland College of William & Mary							9,429,255
Summary							9,429,255