



# LEED Certification Review Report

This report contains the results of the technical review of an application for LEED® certification submitted for the specified project. LEED certification is an official recognition that a project complies with the requirements prescribed within the LEED rating systems as created and maintained by the U.S. Green Building Council® (USGBC®). The LEED certification program is administered by the Green Building Certification Institute (GBCI®).



## Porter School of Environmental Studies

Project ID: 1000004688  
 Rating system & version: LEED-NC v2009  
 Project registration date: 02/10/2010



**Certified (Platinum)**

CERTIFIED: 40-49, SILVER: 50-59, GOLD: 60-79, PLATINUM: 80+

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## LEED FOR NEW CONSTRUCTION & MAJOR RENOVATIONS (V2009)

ATTEMPTED: 93, DENIED: 0, PENDING: 0, AWARDED: 92 OF 110 POINTS

SUSTAINABLE SITES		26 OF 26
SSp1	Construction Activity Pollution Prevention	Y
SSc1	Site Selection	1 / 1
SSc2	Development Density and Community Connectivity	5 / 5
SSc3	Brownfield Redevelopment	1 / 1
SSc4.1	Alternative Transportation-Public Transportation Access	6 / 6
SSc4.2	Alternative Transportation-Bicycle Storage and Changing Rooms	1 / 1
SSc4.3	Alternative Transportation-Low-Emitting and Fuel-Efficient Vehicles	3 / 3
SSc4.4	Alternative Transportation-Parking Capacity	2 / 2
SSc5.1	Site Development-Protect or Restore Habitat	1 / 1
SSc5.2	Site Development-Maximize Open Space	1 / 1
SSc6.1	Stormwater Design-Quantity Control	1 / 1
SSc6.2	Stormwater Design-Quality Control	1 / 1
SSc7.1	Heat Island Effect, Non-Roof	1 / 1
SSc7.2	Heat Island Effect-Roof	1 / 1
SSc8	Light Pollution Reduction	1 / 1

WATER EFFICIENCY		7 OF 10
WEp1	Water Use Reduction-20% Reduction	Y
WEc1	Water Efficient Landscaping	4 / 4
WEc2	Innovative Wastewater Technologies	0 / 2
WEc3	Water Use Reduction	3 / 4

ENERGY AND ATMOSPHERE		30 OF 35
EAp1	Fundamental Commissioning of the Building Energy Systems	Y
EAp2	Minimum Energy Performance	Y
EAp3	Fundamental Refrigerant Mgmt	Y
EAc1	Optimize Energy Performance	19 / 19
EAc2	On-Site Renewable Energy	7 / 7
EAc3	Enhanced Commissioning	2 / 2
EAc4	Enhanced Refrigerant Mgmt	2 / 2
EAc5	Measurement and Verification	0 / 3
EAc6	Green Power	0 / 2

MATERIALS AND RESOURCES		7 OF 14
MRp1	Storage and Collection of Recyclables	Y
MRc1.1	Building Reuse-Maintain Existing Walls, Floors and Roof	0 / 3
MRc1.2	Building Reuse, Maintain 50% of Interior	0 / 1
MRc2	Construction Waste Mgmt	2 / 2
MRc3	Materials Reuse	0 / 2
MRc4	Recycled Content	2 / 2

MATERIALS AND RESOURCES		CONTINUED
MRc5	Regional Materials	2 / 2
MRc6	Rapidly Renewable Materials	0 / 1
MRc7	Certified Wood	1 / 1

INDOOR ENVIRONMENTAL QUALITY		14 OF 15
IEQp1	Minimum IAQ Performance	Y
IEQp2	Environmental Tobacco Smoke (ETS) Control	Y
IEQc1	Outdoor Air Delivery Monitoring	1 / 1
IEQc2	Increased Ventilation	1 / 1
IEQc3.1	Construction IAQ Mgmt Plan-During Construction	1 / 1
IEQc3.2	Construction IAQ Mgmt Plan-Before Occupancy	1 / 1
IEQc4.1	Low-Emitting Materials-Adhesives and Sealants	1 / 1
IEQc4.2	Low-Emitting Materials-Paints and Coatings	1 / 1
IEQc4.3	Low-Emitting Materials-Flooring Systems	1 / 1
IEQc4.4	Low-Emitting Materials-Composite Wood and Agrifiber Products	0 / 1
IEQc5	Indoor Chemical and Pollutant Source Control	1 / 1
IEQc6.1	Controllability of Systems-Lighting	1 / 1
IEQc6.2	Controllability of Systems-Thermal Comfort	1 / 1
IEQc7.1	Thermal Comfort-Design	1 / 1
IEQc7.2	Thermal Comfort-Verification	1 / 1
IEQc8.1	Daylight and Views-Daylight	1 / 1
IEQc8.2	Daylight and Views-Views	1 / 1

INNOVATION IN DESIGN		4 OF 6
IDc1.1	Innovation in Design	1 / 1
IDc1.1	Innovation in Design	0 / 1
IDc1.2	Innovation in Design	1 / 1
IDc1.2	Innovation in Design	0 / 1
IDc1.3	Innovation in Design	1 / 1
IDc1.3	Innovation in Design	0 / 1
IDc1.4	Innovation in Design	0 / 1
IDc1.4	Innovation in Design	0 / 1
IDc1.5	Innovation in Design	0 / 1
IDc1.5	Innovation in Design	0 / 1
IDc2	LEED® Accredited Professional	1 / 1




REGIONAL PRIORITY CREDITS		4 OF 4
WEc1	Water Efficient Landscaping	1 / 1
WEc2	Innovative Wastewater Technologies	0 / 1
WEc3	Water Use Reduction	1 / 1
EAc1	Optimize Energy Performance	1 / 1
EAc3	Enhanced Commissioning	1 / 1
EAc5	Measurement and Verification	0 / 1






















**TOTAL** 92 OF 110

## CREDIT DETAILS

Credit	POINTS:					
	STATUS	POSSIBLE	ATTEMPTED	DENIED	PENDING	AWARDED

Project Information Forms		0				
+ PIf1: Minimum Program Requirements	Approved					
+ PIf2: Project Summary Details	Approved					
+ PIf3: Occupant and Usage Data	Approved					
+ PIf4: Schedule and Overview Documents	Approved					
Sustainable Sites		26				
+ SSp1: Construction Activity Pollution Prevention	Awarded					
+ SSs1: Site Selection	Awarded	1	1	0	0	1
+ SSs2: Development Density and Community Connectivity	Awarded	5	5	0	0	5
+ SSs3: Brownfield Redevelopment	Awarded	1	1	0	0	1
+ SSs4.1: Alternative Transportation-Public Transportation Access	Awarded	6	6	0	0	6
+ SSs4.2: Alternative Transportation-Bicycle Storage and Changing Rooms	Awarded	1	1	0	0	1
+ SSs4.3: Alternative Transportation-Low-Emitting and Fuel-Efficient Vehicles	Awarded	3	3	0	0	3
+ SSs4.4: Alternative Transportation-Parking Capacity	Awarded	2	2	0	0	2
+ SSs5.1: Site Development-Protect or Restore Habitat	Awarded	1	1	0	0	1
+ SSs5.2: Site Development-Maximize Open Space	Awarded	1	1	0	0	1
+ SSs6.1: Stormwater Design-Quantity Control	Awarded	1	1	0	0	1
+ SSs6.2: Stormwater Design-Quality Control	Awarded	1	1	0	0	1
+ SSs7.1: Heat Island Effect, Non-Roof	Awarded	1	1	0	0	1
+ SSs7.2: Heat Island Effect-Roof	Awarded	1	1	0	0	1
+ SSs8: Light Pollution Reduction	Awarded	1	1	0	0	1
Water Efficiency		10				
+ WEp1: Water Use Reduction-20% Reduction	Awarded					
+ WEc1: Water Efficient Landscaping	Awarded	4	4	0	0	4

WEc2: Innovative Wastewater Technologies		Not Attempted	2				
<input checked="" type="checkbox"/>	WEc3: Water Use Reduction	Awarded	4	4	0	0	3
<input type="checkbox"/>	 <b>Energy and Atmosphere</b>		<b>35</b>	<b>30</b>	<b>0</b>	<b>0</b>	<b>30</b>
<input checked="" type="checkbox"/>	EAp1: Fundamental Commissioning of the Building Energy Systems	Awarded					
<input checked="" type="checkbox"/>	EAp2: Minimum Energy Performance	Awarded					
<input checked="" type="checkbox"/>	EAp3: Fundamental Refrigerant Management	Awarded					
<input checked="" type="checkbox"/>	EAc1: Optimize Energy Performance	Awarded	19	19	0	0	19
<input checked="" type="checkbox"/>	EAc2: On-Site Renewable Energy	Awarded	7	7	0	0	7
<input checked="" type="checkbox"/>	EAc3: Enhanced Commissioning	Awarded	2	2	0	0	2
<input checked="" type="checkbox"/>	EAc4: Enhanced Refrigerant Management	Awarded	2	2	0	0	2
<input checked="" type="checkbox"/>	EAc5: Measurement and Verification	Attempted	3	0	0	0	0
	EAc6: Green Power	Not Attempted	2				
<input type="checkbox"/>	 <b>Materials and Resources</b>		<b>14</b>	<b>7</b>	<b>0</b>	<b>0</b>	<b>7</b>
<input checked="" type="checkbox"/>	MRp1: Storage and Collection of Recyclables	Awarded					
	MRc1.1: Building Reuse-Maintain Existing Walls, Floors and Roof	Not Attempted	3				
	MRc1.2: Building Reuse, Maintain 50% of Interior	Not Attempted	1				
<input checked="" type="checkbox"/>	MRc2: Construction Waste Management	Awarded	2	2	0	0	2
	MRc3: Materials Reuse	Not Attempted	2				
<input checked="" type="checkbox"/>	MRc4: Recycled Content	Awarded	2	2	0	0	2
<input checked="" type="checkbox"/>	MRc5: Regional Materials	Awarded	2	2	0	0	2
	MRc6: Rapidly Renewable Materials	Not Attempted	1				
<input checked="" type="checkbox"/>	MRc7: Certified Wood	Awarded	1	1	0	0	1
<input type="checkbox"/>	 <b>Indoor Environmental Quality</b>		<b>15</b>	<b>14</b>	<b>0</b>	<b>0</b>	<b>14</b>

	<b>IEQp1: Minimum Indoor Air Quality Performance</b>	<b>Awarded</b>					
	<b>IEQp2: Environmental Tobacco Smoke (ETS) Control</b>	<b>Awarded</b>					
	<b>IEQc1: Outdoor Air Delivery Monitoring</b>	<b>Awarded</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>
	<b>IEQc2: Increased Ventilation</b>	<b>Awarded</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>
	<b>IEQc3.1: Construction IAQ Management Plan-During Construction</b>	<b>Awarded</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>
	<b>IEQc3.2: Construction IAQ Management Plan-Before Occupancy</b>	<b>Awarded</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>
	<b>IEQc4.1: Low-Emitting Materials-Adhesives and Sealants</b>	<b>Awarded</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>
	<b>IEQc4.2: Low-Emitting Materials-Paints and Coatings</b>	<b>Awarded</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>
	<b>IEQc4.3: Low-Emitting Materials-Flooring Systems</b>	<b>Awarded</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>
	IEQc4.4: Low-Emitting Materials-Composite Wood and Agrifiber Products	<b>Not Attempted</b>	<b>1</b>				
	<b>IEQc5: Indoor Chemical and Pollutant Source Control</b>	<b>Awarded</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>
	<b>IEQc6.1: Controllability of Systems-Lighting</b>	<b>Awarded</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>
	<b>IEQc6.2: Controllability of Systems-Thermal Comfort</b>	<b>Awarded</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>
	<b>IEQc7.1: Thermal Comfort-Design</b>	<b>Awarded</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>
	<b>IEQc7.2: Thermal Comfort-Verification</b>	<b>Awarded</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>
	<b>IEQc8.1: Daylight and Views-Daylight</b>	<b>Awarded</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>
	<b>IEQc8.2: Daylight and Views-Views</b>	<b>Awarded</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>
	 <b>Innovation in Design</b>		<b>6</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>4</b>
	<b>IDc1.1: Innovation in Design</b>	<b>Awarded</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>
	IDc1.1: Innovation in Design	<b>Not Attempted</b>	<b>1</b>				
	<b>IDc1.2: Innovation in Design</b>	<b>Awarded</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>
	IDc1.2: Innovation in Design	<b>Not Attempted</b>	<b>1</b>				
	<b>IDc1.3: Innovation in Design</b>	<b>Awarded</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>
	IDc1.3: Innovation in Design	<b>Not</b>	<b>1</b>				

		Attempted				
IDc1.4: Innovation in Design	Not Attempted	1				
IDc1.4: Innovation in Design	Not Attempted	1				
IDc1.5: Innovation in Design	Not Attempted	1				
IDc1.5: Innovation in Design	Not Attempted	1				
IDc2: LEED® Accredited Professional	Awarded	1	1	0	0	1
<b>Regional priority</b>		<b>4</b>	<b>4</b>			<b>4</b>
WEc1: Water Efficient Landscaping		1	1			1
WEc3: Water Use Reduction		1	1			1
EAc1: Optimize Energy Performance		1	1			1
EAc3: Enhanced Commissioning		1	1			1
<b>TOTAL</b>		<b>110</b>	<b>93</b>	<b>0</b>	<b>0</b>	<b>92</b>

## REVIEW SUMMARY

Review			POINTS:				Plf1: Minimum Program Requirements	Approved	0000
	SUBMITTED	RETURNED	SUBMITTED	DENIED	PENDING	AWARDED			
<b>Design Preliminary</b>	07/17/2013	08/06/2013	63	0	47	16			
Credit	STATUS	TYPE	POINTS: ATTEMPTED	DENIED	PENDING	AWARDED			
Plf2: Project Summary Details	Not Approved		0	0	0	0			
Plf3: Occupant and Usage Data	Not Approved		0	0	0	0			
Plf4: Schedule and Overview Documents	Approved		0	0	0	0			
SSc1: Site Selection	Anticipated	Design	1	0	0	1			
SSc2: Development Density and Community Connectivity	Anticipated	Design	5	0	0	5			
SSc3: Brownfield Redevelopment	Pending	Design	1	0	1	0			
SSc4.1: Alternative Transportation-Public Transportation Access	Anticipated	Design	6	0	0	6			
SSc4.2: Alternative Transportation-Bicycle Storage and Changing Rooms	Pending	Design	1	0	1	0			
SSc4.3: Alternative Transportation-Low-Emitting and Fuel-Efficient Vehicles	Pending	Design	3	0	3	0			


SSc4.4: Alternative Transportation-Parking Capacity	Pending	Design	2	0	2	0
SSc5.2: Site Development-Maximize Open Space	Pending	Design	1	0	1	0
SSc7.2: Heat Island Effect, Roof	Anticipated	Design	1	0	0	1
SSc8: Light Pollution Reduction	Pending	Design	1	0	1	0
WEp1: Water Use Reduction, 20% Reduction	Pending	Design	0	0	0	0
WEc3: Water Use Reduction	Pending	Design	4	0	4	0
EAp2: Minimum Energy Performance	Pending	Design	0	0	0	0
EAp3: Fundamental Refrigerant Management	Anticipated	Design	0	0	0	0
EAc1: Optimize Energy Performance	Pending	Design	19	0	19	0
EAc2: On-Site Renewable Energy	Pending	Design	7	0	7	0
EAc4: Enhanced Refrigerant Management	Anticipated	Design	2	0	0	2
MRp1: Storage and Collection of Recyclables	Anticipated	Design	0	0	0	0
IEQp1: Minimum Indoor Air Quality Performance	Pending	Design	0	0	0	0
IEQp2: Environmental Tobacco Smoke (ETS) Control	Anticipated	Design	0	0	0	0
IEQc1: Outdoor Air Delivery Monitoring	Anticipated	Design	1	0	0	1
IEQc2: Increased Ventilation	Pending	Design	1	0	1	0
IEQc5: Indoor Chemical and Pollutant Source Control	Pending	Design	1	0	1	0
IEQc6.1: Controllability of Systems-Lighting	Pending	Design	1	0	1	0
IEQc6.2: Controllability of Systems-Thermal Comfort	Pending	Design	1	0	1	0
IEQc7.1: Thermal Comfort-Design	Pending	Design	1	0	1	0
IEQc7.2: Thermal Comfort-Verification	Pending	Design	1	0	1	0
IEQc8.1: Daylight and Views-Daylight	Pending	Design	1	0	1	0
IEQc8.2: Daylight and Views-Views	Pending	Design	1	0	1	0

<b>Design Final</b>	<b>12/15/2013</b>	<b>01/21/2014</b>	<b>51</b>	<b>2</b>	<b>0</b>	<b>48</b>
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Credit	STATUS	TYPE	POINTS: ATTEMPTED	DENIED	PENDING	AWARDED	PIf1: Minimum Program Requirements
PIf2: Project Summary Details	Approved		0	0	0	0	
PIf3: Occupant and Usage Data	Approved		0	0	0	0	
PIf4: Schedule and Overview Documents	Approved		0	0	0	0	
SSc3: Brownfield Redevelopment	Anticipated	Design	1	0	0	1	
SSc4.2: Alternative Transportation-Bicycle Storage and Changing Rooms	Anticipated	Design	1	0	0	1	
SSc4.3: Alternative Transportation-Low-Emitting and Fuel-Efficient Vehicles	Anticipated	Design	3	0	0	3	
SSc4.4: Alternative Transportation-Parking Capacity	Anticipated	Design	2	0	0	2	
SSc5.2: Site Development-Maximize Open Space	Anticipated	Design	1	0	0	1	

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SSc8: Light Pollution Reduction	Anticipated	Design	1	0	0	1
WEp1: Water Use Reduction, 20% Reduction	Anticipated	Design	0	0	0	0
WEc3: Water Use Reduction	Anticipated	Design	4	0	0	3
EAp2: Minimum Energy Performance	Anticipated	Design	0	0	0	0
EAc1: Optimize Energy Performance	Anticipated	Design	19	0	0	19
EAc2: On-Site Renewable Energy	Anticipated	Design	7	0	0	7
IEQp1: Minimum Indoor Air Quality Performance	Anticipated	Design	0	0	0	0
IEQc2: Increased Ventilation	Anticipated	Design	1	0	0	1
IEQc5: Indoor Chemical and Pollutant Source Control	Anticipated	Design	1	0	0	1
IEQc6.1: Controllability of Systems-Lighting	Anticipated	Design	1	0	0	1
IEQc6.2: Controllability of Systems-Thermal Comfort	Anticipated	Design	1	0	0	1
IEQc7.1: Thermal Comfort-Design	Anticipated	Design	1	0	0	1
IEQc7.2: Thermal Comfort-Verification	Anticipated	Design	1	0	0	1
IEQc8.1: Daylight and Views-Daylight	Anticipated	Design	1	0	0	1
IEQc8.2: Daylight and Views-Views	Anticipated	Design	1	0	0	1
IDc1.1: EP_EAc2	Anticipated	Design	1	0	0	1
IDc1.2: Exemplary Performance - Daylight	Anticipated	Design	1	0	0	1
IDc1.3: SSc4.1	Denied	Design	1	1	0	0

 <b>Construction Preliminary</b>	<b>08/25/2014</b>	<b>09/18/2014</b>	<b>30</b>	<b>0</b>	<b>12</b>	<b>18</b>
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Credit	STATUS	TYPE	POINTS: ATTEMPTED	DENIED	PENDING	AWARDED	Plf1: Minimum Program Requirements
Plf2: Project Summary Details	Approved		0	0	0	0	Approved
Plf3: Occupant and Usage Data	Approved		0	0	0	0	
Plf4: Schedule and Overview Documents	Approved		0	0	0	0	
SSp1: Construction Activity Pollution Prevention	Awarded	Construction	0	0	0	0	
SSc4.1: Alternative Transportation-Public Transportation Access	Awarded	Design	6	0	0	6	
SSc5.1: Site Development-Protect or Restore Habitat	Pending	Construction	1	0	1	0	
SSc6.1: Stormwater Design-Quantity Control	Awarded	Design	1	0	0	1	
SSc6.2: Stormwater Design-Quality Control	Awarded	Design	1	0	0	1	
SSc7.1: Heat Island Effect-Non-Roof	Pending	Construction	1	0	1	0	
WEc1: Water Efficient Landscaping	Pending	Design	2	0	2	0	
EAp1: Fundamental Commissioning of the Building Energy Systems	Awarded	Construction	0	0	0	0	
EAc3: Enhanced Commissioning	Awarded	Construction	2	0	0	2	
MRc2: Construction Waste Management	Pending	Construction	2	0	2	0	

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MRc4: Recycled Content	Pending	Construction	2	0	2	0
MRc5: Regional Materials	Awarded	Construction	2	0	0	2
MRc7: Certified Wood	Pending	Construction	1	0	1	0
IEQc3.1: Construction IAQ Management Plan-During Construction	Awarded	Construction	1	0	0	1
IEQc3.2: Construction IAQ Management Plan-Before Occupancy	Awarded	Construction	1	0	0	1
IEQc4.1: Low-Emitting Materials-Adhesives and Sealants	Awarded	Construction	1	0	0	1
IEQc4.2: Low-Emitting Materials-Paints and Coatings	Awarded	Construction	1	0	0	1
IEQc4.3: Low-Emitting Materials-Flooring Systems	Pending	Construction	1	0	1	0
IDc1.3: SSc4.1	Awarded	Design	1	0	0	1
IDc2: LEED® Accredited Professional	Awarded	Construction	1	0	0	1

<input type="checkbox"/> Construction Final	10/30/2014	11/20/2014	12	0	0	12
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Credit	STATUS	TYPE	POINTS: ATTEMPTED	DENIED	PENDING	AWARDED	Plf1: Minimum Program Requirements
Plf2: Project Summary Details	Approved		0	0	0	0	Approved 0000
Plf3: Occupant and Usage Data	Approved		0	0	0	0	
Plf4: Schedule and Overview Documents	Approved		0	0	0	0	
SSc5.1: Site Development-Protect or Restore Habitat	Awarded	Construction	1	0	0	1	
SSc7.1: Heat Island Effect-Non-Roof	Awarded	Construction	1	0	0	1	
WEc1: Water Efficient Landscaping	Awarded	Design	4	0	0	4	
MRc2: Construction Waste Management	Awarded	Construction	2	0	0	2	
MRc4: Recycled Content	Awarded	Construction	2	0	0	2	
MRc7: Certified Wood	Awarded	Construction	1	0	0	1	
IEQc4.3: Low-Emitting Materials-Flooring Systems	Awarded	Construction	1	0	0	1	