

Incorporating the traveller's experience value in assessing the quality of transit nodes: A Rotterdam case study

Analysis of transit nodes in Rotterdam

Laura Groenendijk

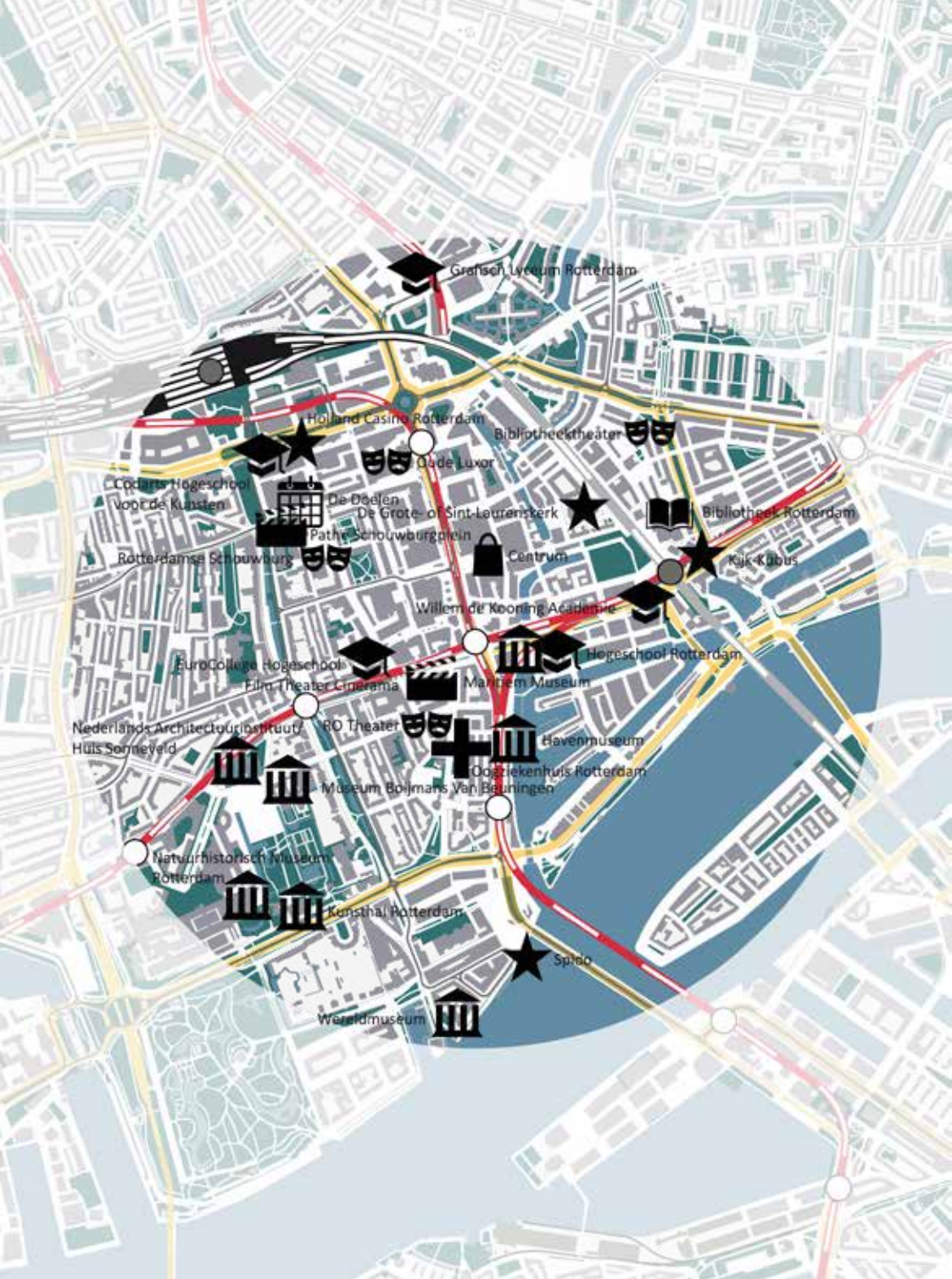


Gemeente Rotterdam



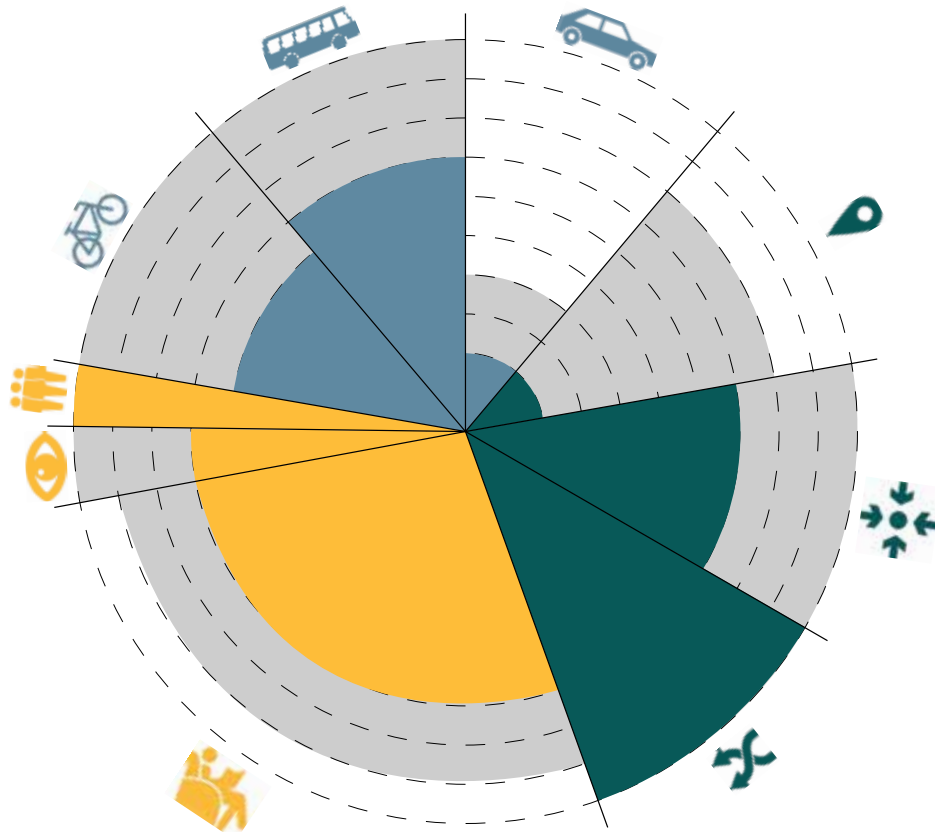
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Beurs




Grootstad






Node value

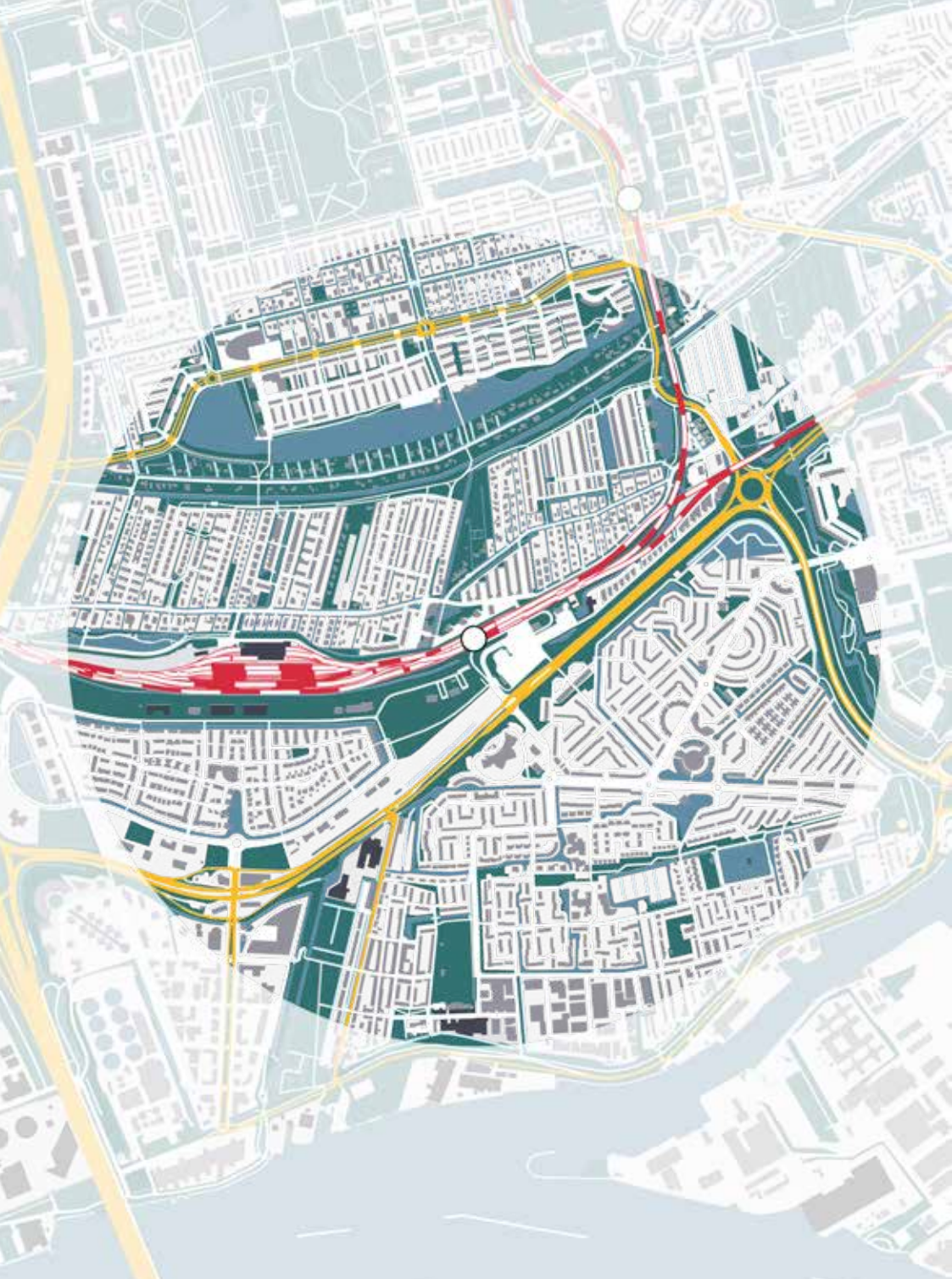
					
Slow traffic	127	Public transport	1643	Roads	138
PT-bike rental	No	Boarding/alighting	111400	Parking places	0
Railway crossing	Yes	Train/hour	0	Freeway exit	0
Bicycle parking	328	Metro/hour	36	Directions:	
Local roads	51	Bus/hour	6	Regional road	3
		Tram/hour	6	Freeway	1

Place value

					
Proximity	9.6	Intensity	338	Mixture	93%
Intensity 300m	14602	Residents	61990		
Intensity 1200m	152731	Employees	66617		
		Visitors	24124		

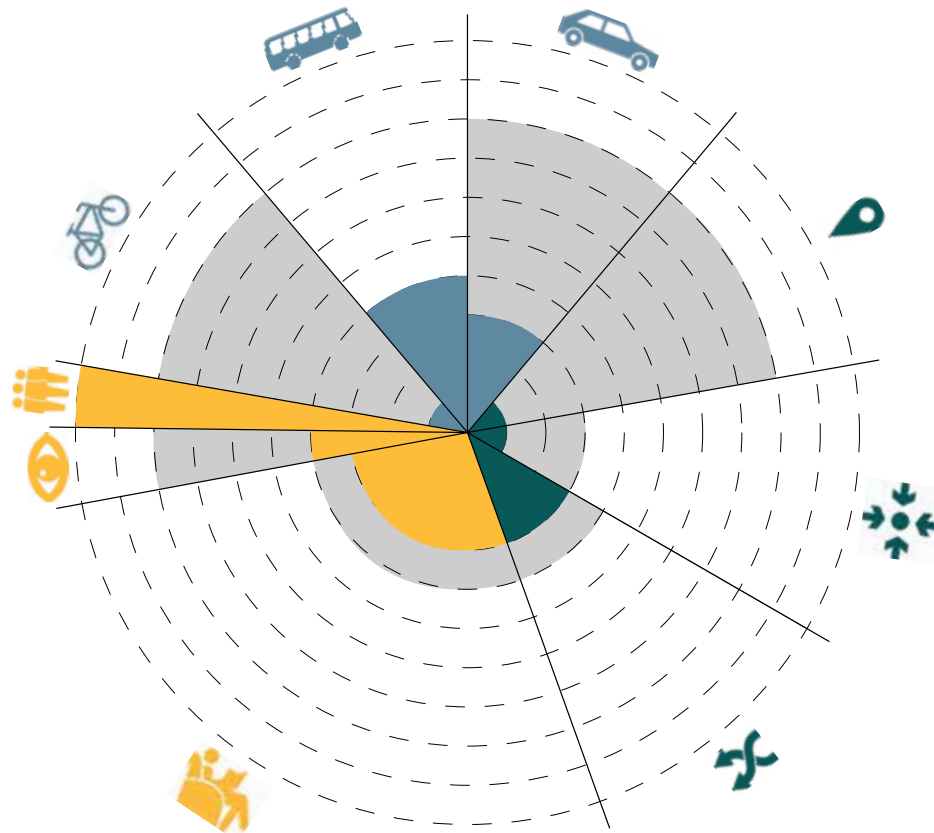
Experience value

					
Comfort	0.6	Ambient elements	0.1	Social elements	0.1
Heated waiting	Partially	Type of architecture	Homely	Presence of personnel	Yes
Sheltered waiting	Yes	Looked after	2000		
Television screens	Yes				
Free newspaper	Yes				
Wi-Fi	Yes				
Supermarket	1				
Stores	1				
Restaurants	6				
Toilets	Yes				






Capelsebrug




Gate quarter






Node value

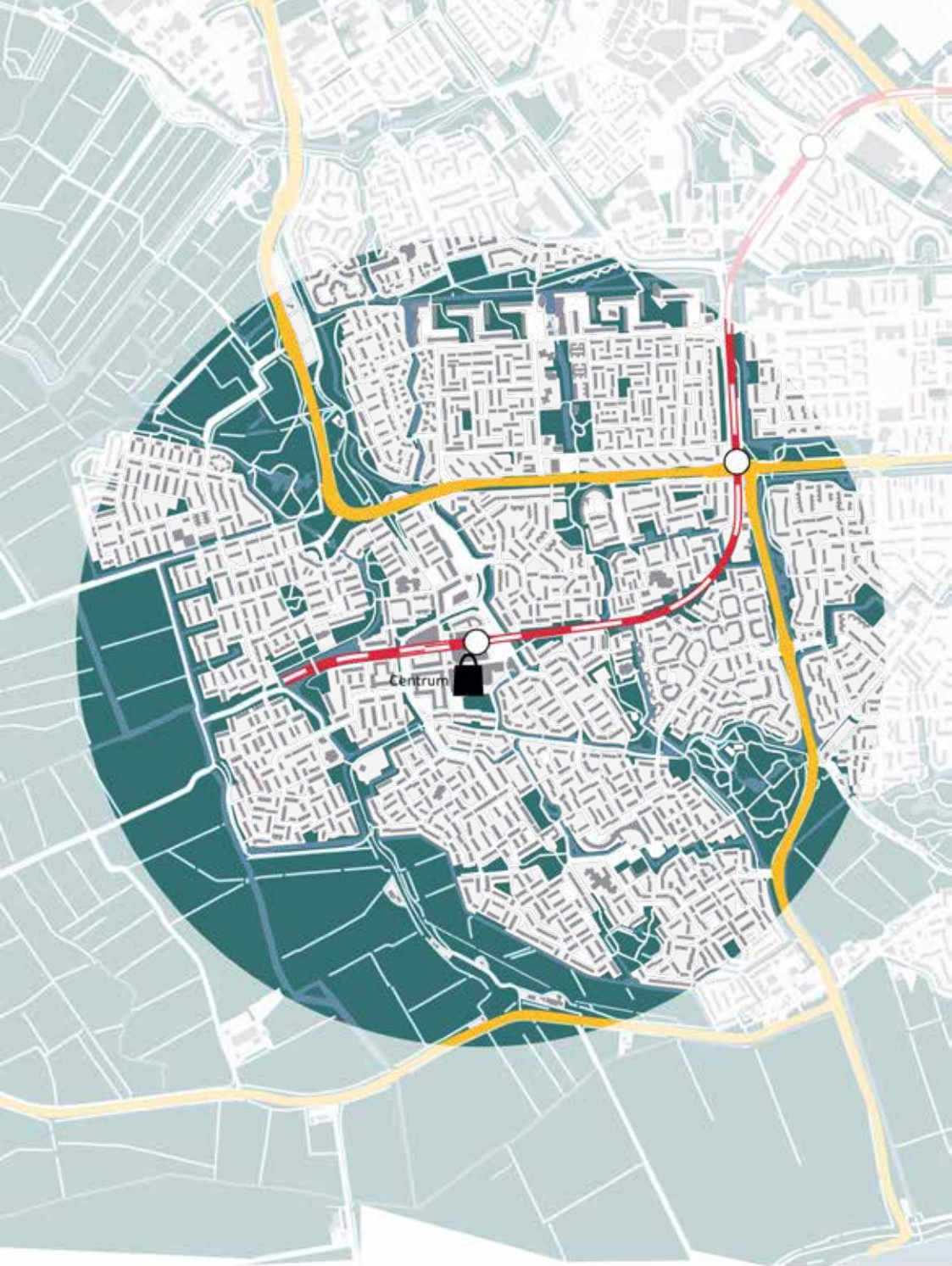
Slow traffic 		Public transport 		Roads 	
PT-bike rental	No	Boarding/alighting	24864	Parking places	407
Railway crossing	Yes	Train/hour	0	Freeway exit	0
Bicycle parking	871	Metro/hour	18	Directions:	
Local roads	22	Bus/hour	39	Regional road	5
		Tram/hour	0	Freeway	1

Place value

Proximity 		Intensity 		Mixture 	
Intensity 300m	2145	Residents	27425		
Intensity 1200m	35798	Employees	8373		
		Visitors	0		
					31%

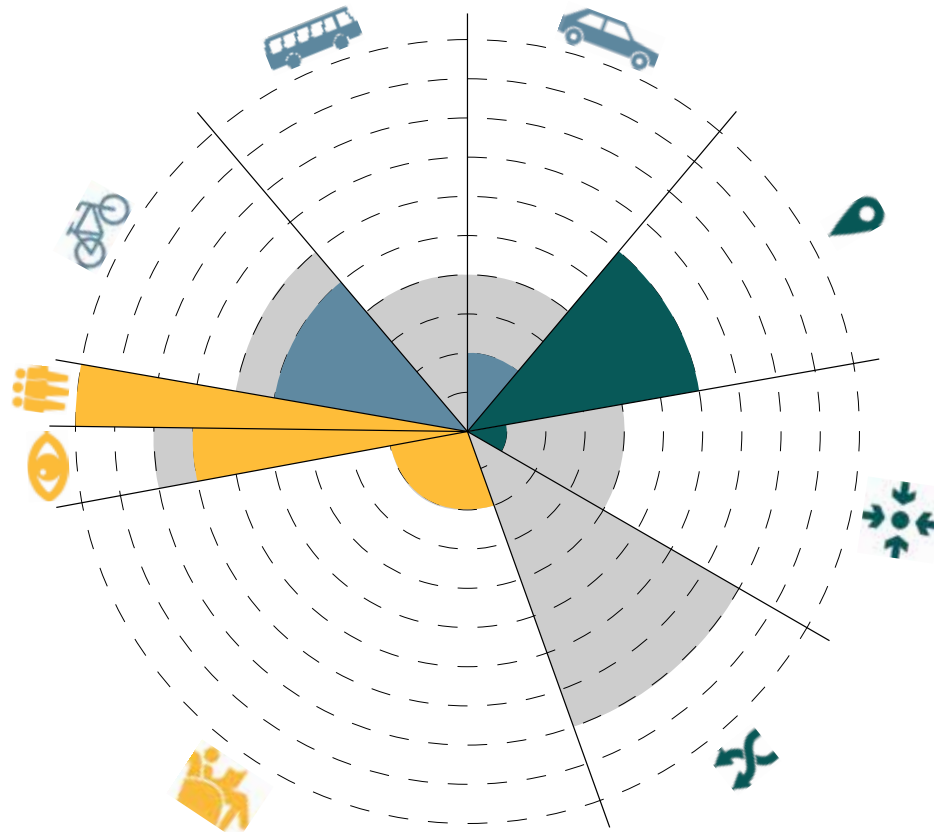
Experience value

Comfort 		Ambient elements 		Social elements 	
Heated waiting	No	Type of architecture	Homely	Presence of personnel	Yes
Sheltered waiting	Partially	Looked after	1983		
Television screens	No				
Free newspaper	Yes				
Wi-Fi	No				
Supermarket	0				
Stores	1				
Restaurants	1				
Toilets	Yes				






De Akkers




Suburb






Node value

Slow traffic 		Public transport 		Roads 	
PT-bike rental	No	Boarding/alighting	5000	Parking places	193
Railway crossing	Yes	Train/hour	0	Freeway exit	0
Bicycle parking	364	Metro/hour	18	Directions:	
Local roads	46	Bus/hour	14	Regional road	5
		Tram/hour	0	Freeway	0

Place value

Proximity 		Intensity 		Mixture 	
Intensity 300m	6723	Residents	30835		
Intensity 1200m	35006	Employees	1771		
		Visitors	2400		

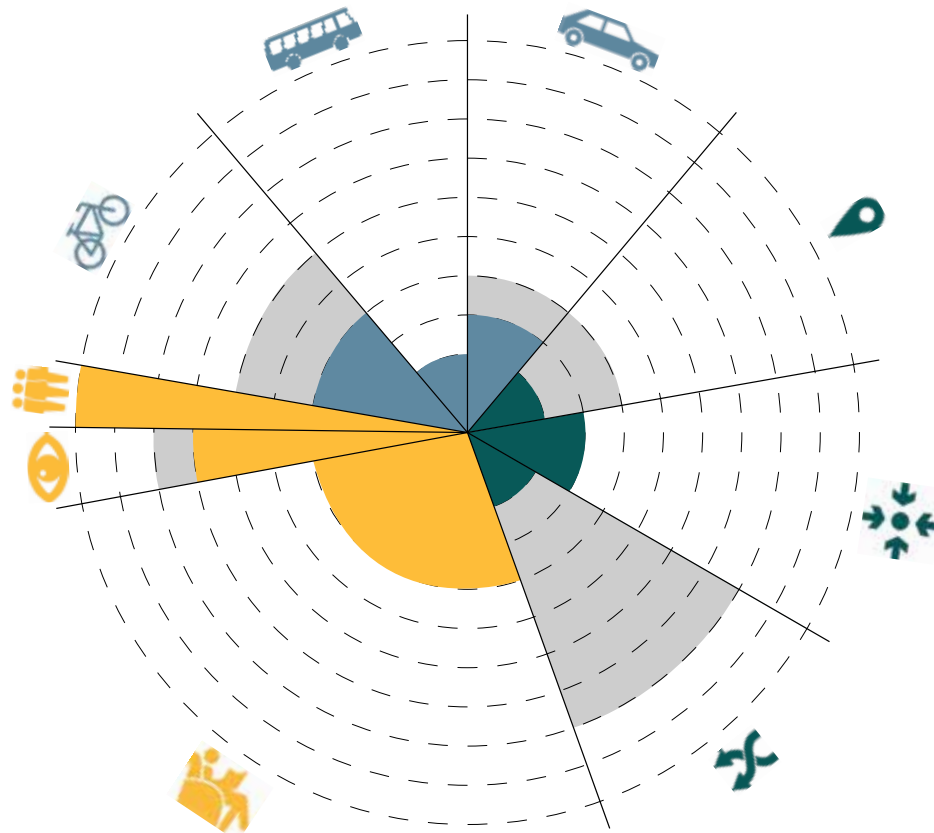
Experience value

Comfort 		Ambient elements 		Social elements 	
Heated waiting	No	Type of architecture	Homely	Presence of personnel	Yes
Sheltered waiting	Partially	Looked after	2003		
Television screens	No				
Free newspaper	Yes				
Wi-Fi	No				
Supermarket	0				
Stores	0				
Restaurants	0				
Toilets	Yes				






Delfshaven




Centre village






Node value

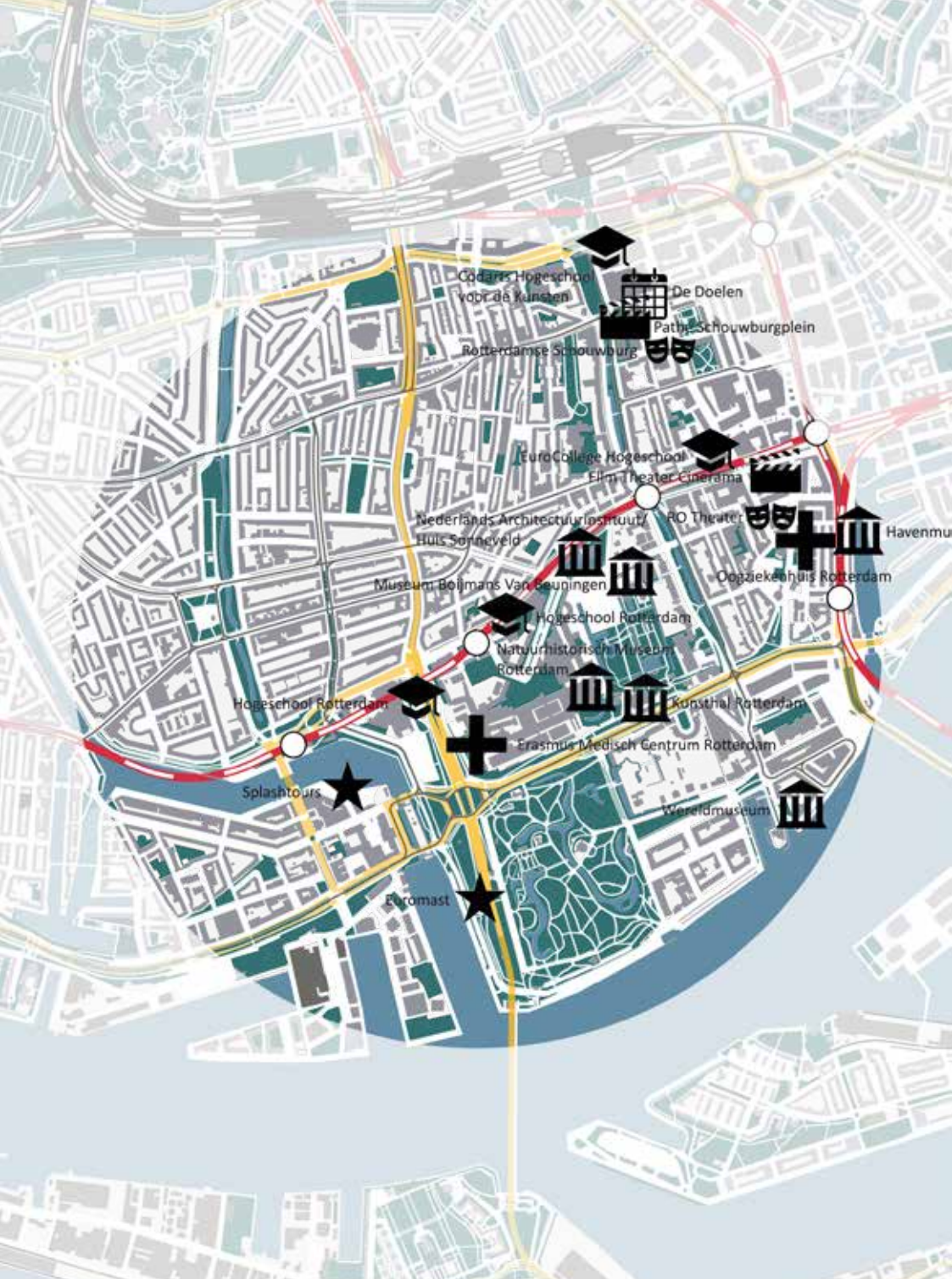
Slow traffic 		Public transport 		Roads 	
	107		760		188
PT-bike rental	No	Boarding/alighting	12600	Parking places	0
Railway crossing	Yes	Train/hour	0	Freeway exit	0
Bicycle parking	88	Metro/hour	18	Directions:	
Local roads	38	Bus/hour	0	Regional road	3
		Tram/hour	12	Freeway	3

Place value

Proximity 		Intensity 		Mixture 	
	11.1		180		21%
Intensity 300m	9072	Residents	67255		
Intensity 1200m	81460	Employees	14090		
		Visitors	115		

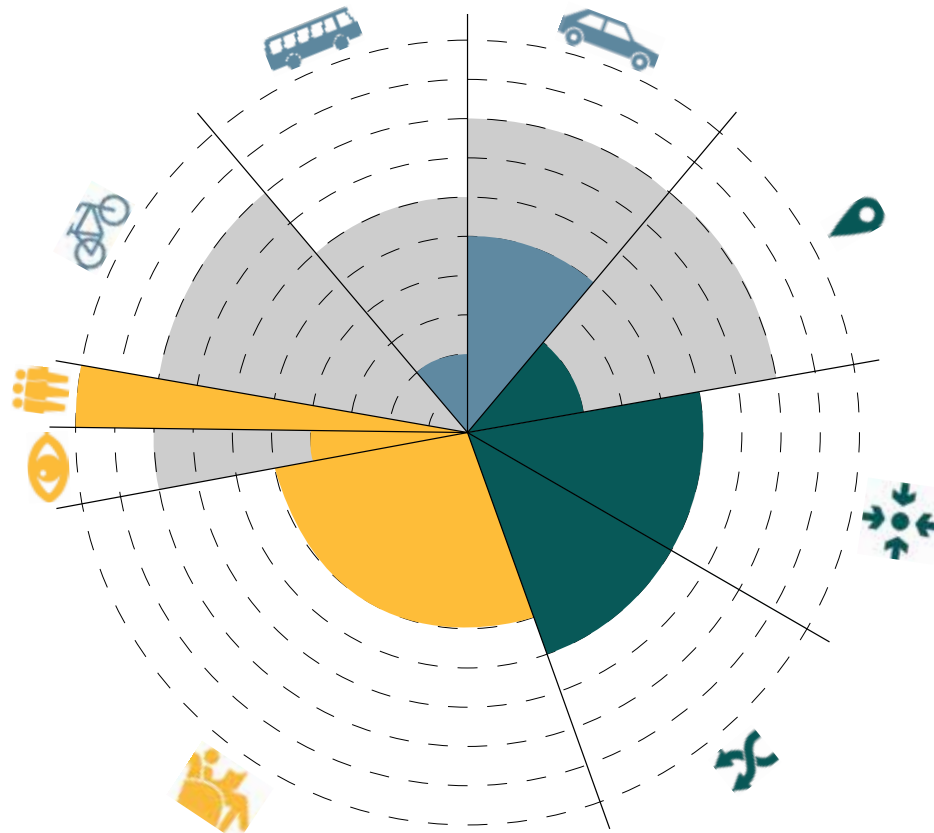
Experience value

Comfort 		Ambient elements 		Social elements 	
	0.4		0.1		0.1
Heated waiting	Partially	Type of architecture	Homely	Presence of personnel	Yes
Sheltered waiting	Yes	Looked after	2001		
Television screens	No				
Free newspaper	Yes				
Wi-Fi	No				
Supermarket	0				
Stores	0				
Restaurants	0				
Toilets	Yes				






Dijkzicht




Modern city






Node value

Slow traffic 		Public transport 		Roads 	
Slow traffic	75.5	Public transport	740	Roads	238
PT-bike rental	No	Boarding/alighting	25600	Parking places	0
Railway crossing	Yes	Train/hour	0	Freeway exit	0
Bicycle parking	10	Metro/hour	18	Directions:	
Local roads	17	Bus/hour	10	Regional road	5
		Tram/hour	0	Freeway	3

Place value

Proximity 		Intensity 		Mixture 	
Proximity	13.3	Intensity	280	Mixture	56%
Intensity 300m	16793	Residents	70225		
Intensity 1200m	126577	Employees	39070		
		Visitors	17282		

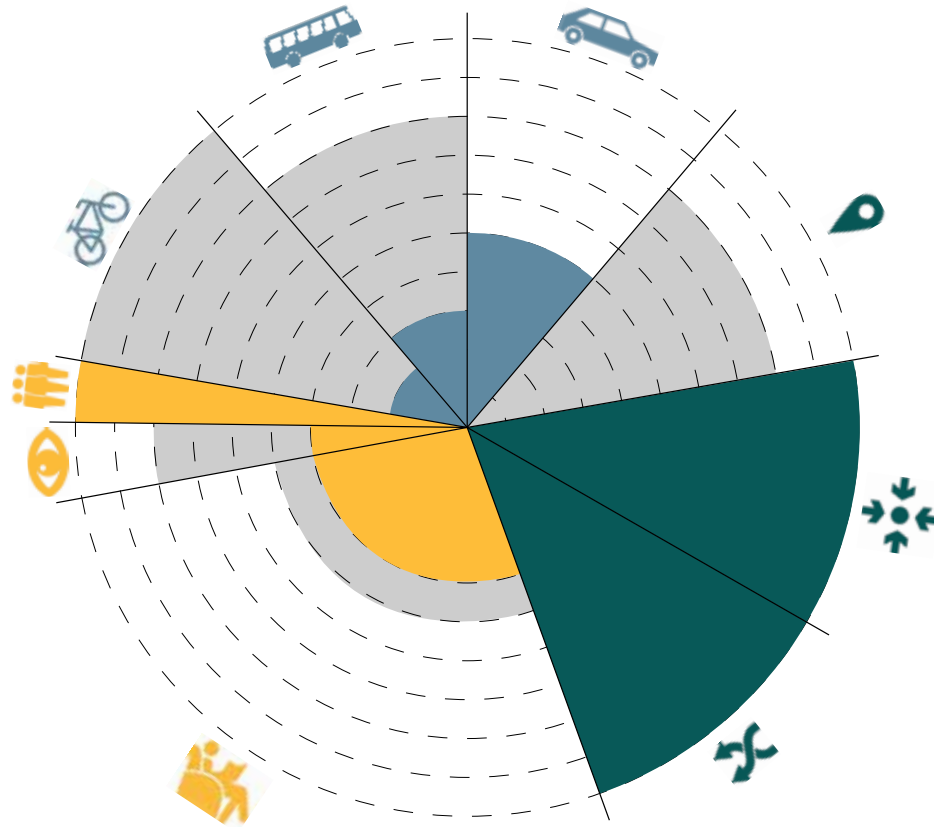
Experience value

Comfort 		Ambient elements 		Social elements 	
Comfort	0.5	Ambient elements	0.0	Social elements	0.1
Heated waiting	Partially	Type of architecture	Homely	Presence of personnel	Yes
Sheltered waiting	Yes	Looked after	1982		
Television screens	Yes				
Free newspaper	Yes				
Wi-Fi	No				
Supermarket	0				
Stores	0				
Restaurants	1				
Toilets	Yes				



Eendrachtsplein

City centre



Node value



Slow traffic

PT-bike rental	No
Railway crossing	Yes
Bicycle parking	128
Local roads	27



Public transport

Boarding/alighting	14200
Train/hour	0
Metro/hour	18
Bus/hour	9
Tram/hour	20



Roads

Parking places	0
Freeway exit	0
Directions:	
Regional road	4
Freeway	3

Place value



Proximity

Intensity 300m	8866
Intensity 1200m	206918



Intensity

Residents	63795
Employees	68013
Visitors	75110



Mixture

94%

Experience value



Comfort

Heated waiting	Partially
Sheltered waiting	Yes
Television screens	No
Free newspaper	Yes
Wi-Fi	No
Supermarket	0
Stores	0
Restaurants	0
Toilets	Yes



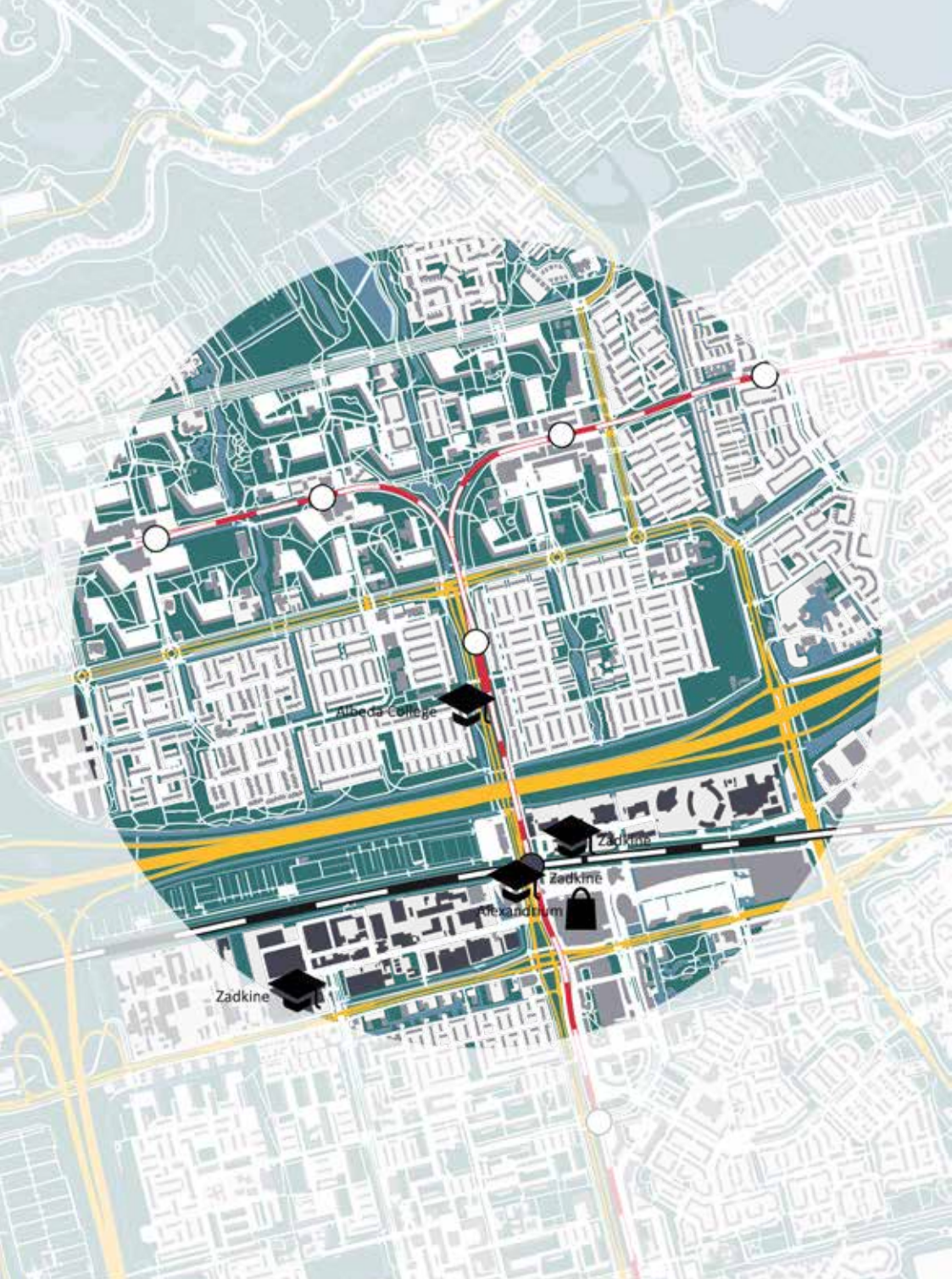
Ambient elements

Type of architecture	Homely
Looked after	1982



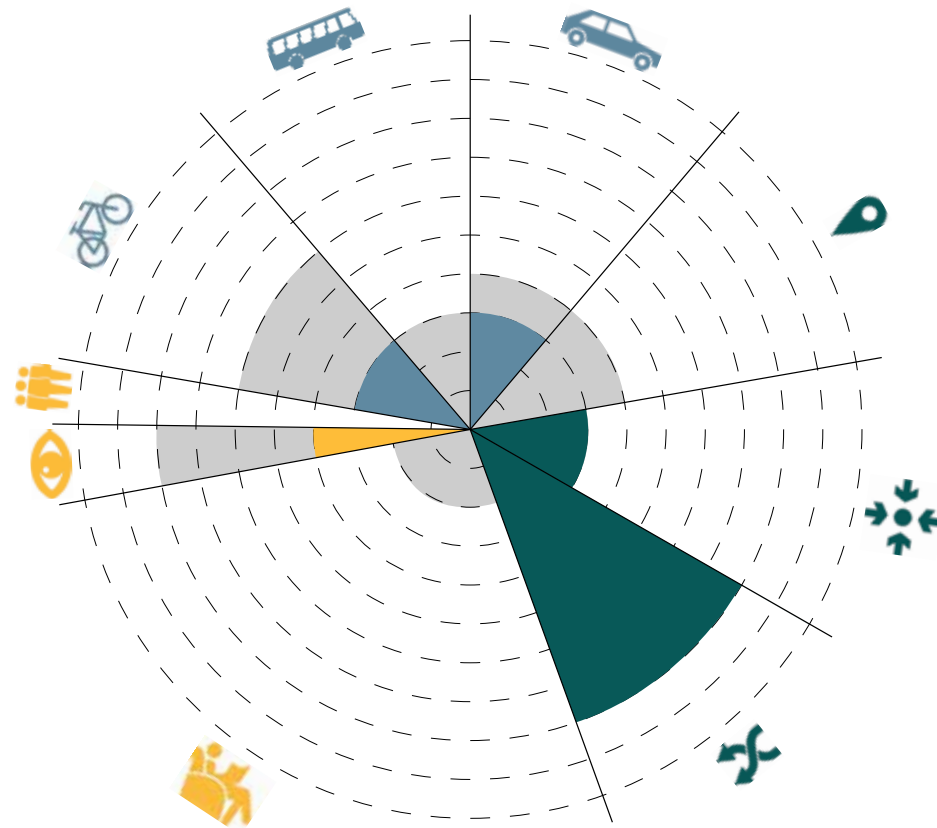
Social elements

Presence of personnel	Yes
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Graskruid




Public transport quarter






Node value

			
Slow traffic	95	Public transport	490
PT-bike rental	No	Boarding/alighting	1800
Railway crossing	Yes	Train/hour	0
Bicycle parking	48	Metro/hour	12
Local roads	30	Bus/hour	3
		Tram/hour	0
		Roads	163
		Parking places	0
		Freeway exit	0
		Directions:	
		Regional road	1
		Freeway	3

Place value

			
Proximity	3.7	Intensity	135
Intensity 300m	2271	Residents	28285
Intensity 1200m	61111	Employees	21204
		Visitors	11622
		Mixture	75%

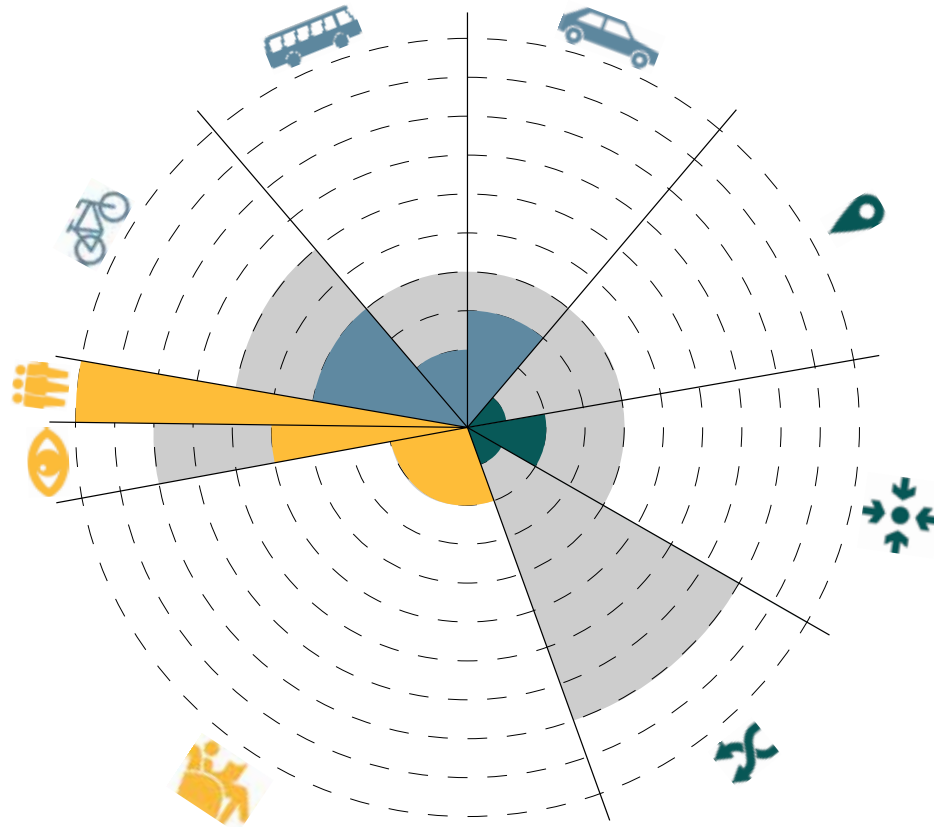
Experience value

			
Comfort	0.0	Ambient elements	0.0
Heated waiting	No	Type of architecture	Homely
Sheltered waiting	No	Looked after	1983
Television screens	No		
Free newspaper	Yes		
Wi-Fi	No		
Supermarket	0		
Stores	0		
Restaurants	0		
Toilets	No		
		Social elements	0.0
		Presence of personnel	No



Heemraadlaan

Suburb



Node value



Slow traffic

PT-bike rental	No
Railway crossing	Yes
Bicycle parking	281
Local roads	36



Public transport

Boarding/alighting	4400
Train/hour	0
Metro/hour	18
Bus/hour	9
Tram/hour	0



Roads

Parking places	400
Freeway exit	0
Directions:	
Regional road	5
Freeway	0

Place value



Proximity

Intensity 300m	2671
Intensity 1200m	49446



Intensity

Residents	38685
Employees	5415
Visitors	5346



Mixture

14%

Experience value



Comfort

Heated waiting	No
Sheltered waiting	Partially
Television screens	No
Free newspaper	Yes
Wi-Fi	No
Supermarket	0
Stores	0
Restaurants	0
Toilets	Yes



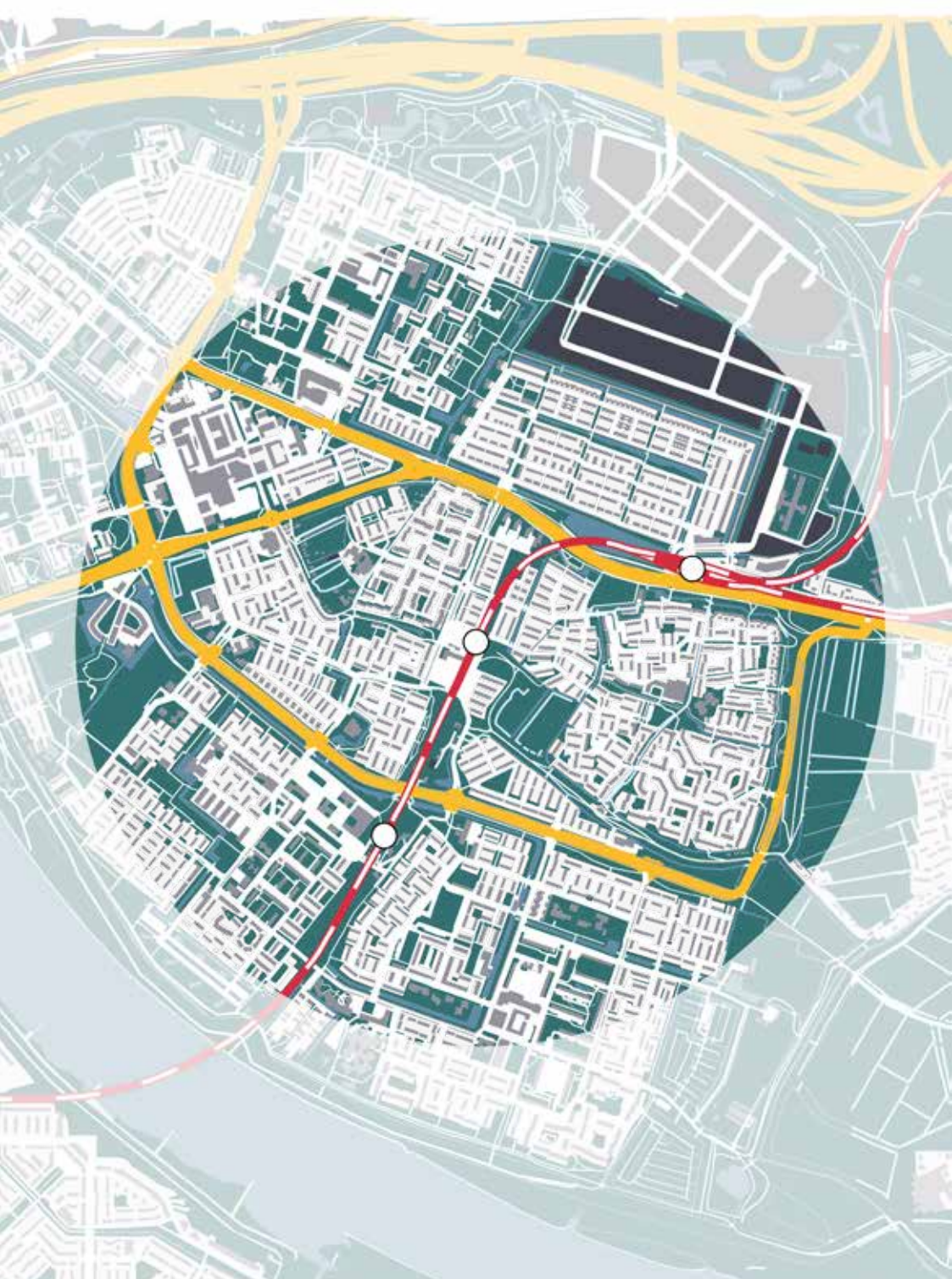
Ambient elements

Type of architecture	Homely
Looked after	1991



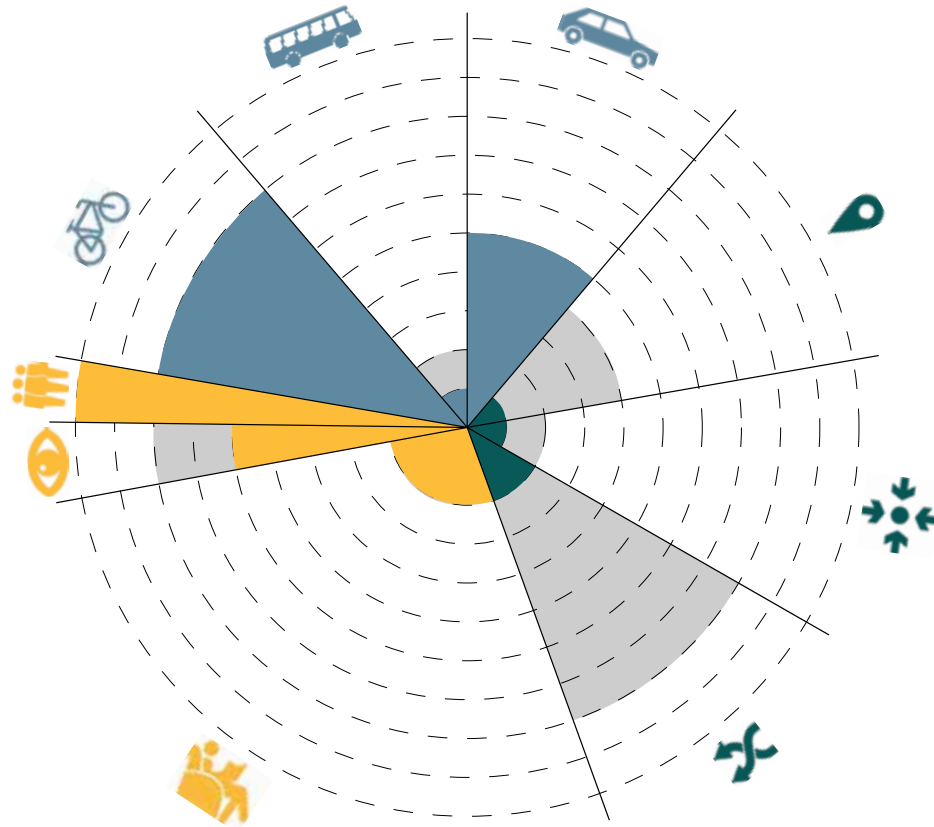
Social elements

Presence of personnel	Yes
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Hoogvliet




Centre village






Node value

Slow traffic 		Public transport 		Roads 	
PT-bike rental	No	Boarding/alighting	9600	Parking places	233
Railway crossing	Yes	Train/hour	0	Freeway exit	0
Bicycle parking	348	Metro/hour	18	Directions:	
Local roads	66	Bus/hour	7	Regional road	4
		Tram/hour	0	Freeway	3

Place value

Proximity 		Intensity 		Mixture 	
Intensity 300m	2533	Residents	26195		
Intensity 1200m	31572	Employees	5377		
		Visitors	0		

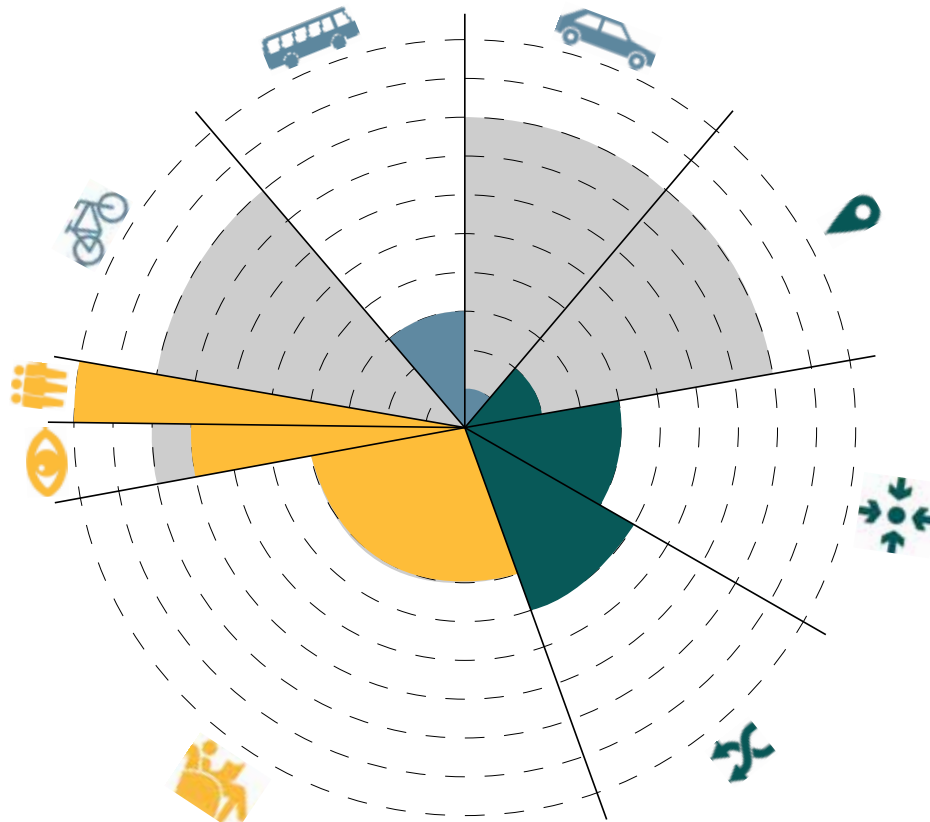
Experience value

Comfort 		Ambient elements 		Social elements 	
Heated waiting	No	Type of architecture	Homely	Presence of personnel	Yes
Sheltered waiting	Partially	Looked after	1999		
Television screens	No				
Free newspaper	Yes				
Wi-Fi	No				
Supermarket	0				
Stores	0				
Restaurants	0				
Toilets	Yes				






Kralingse Zoom




Gate quarter






Node value

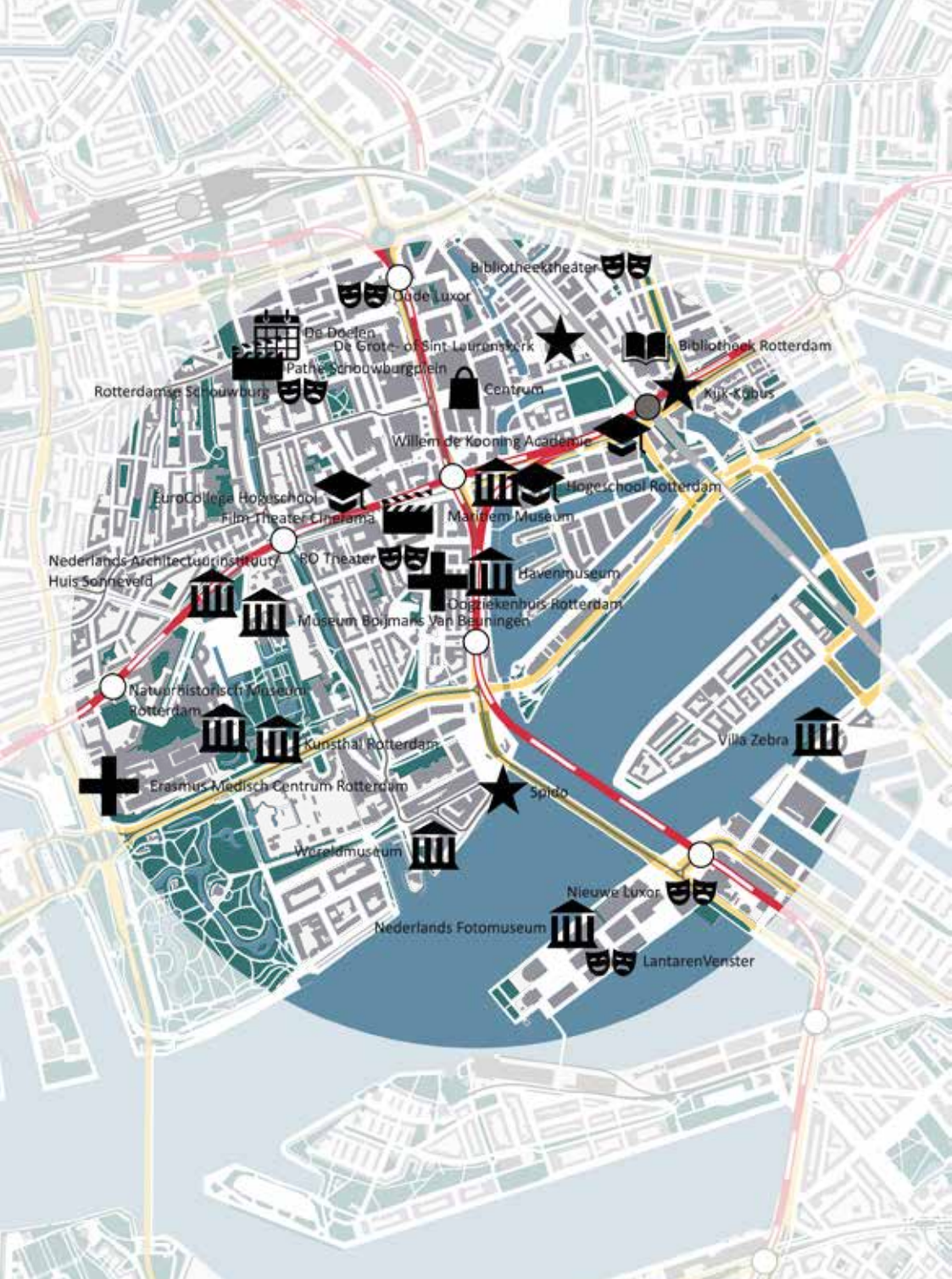
Slow traffic 		Public transport 		Roads 	
PT-bike rental	No	Boarding/alighting	35650	Parking places	1433
Railway crossing	Yes	Train/hour	0	Freeway exit	2
Bicycle parking	294	Metro/hour	18	Directions:	
Local roads	17	Bus/hour	28	Regional road	5
		Tram/hour	0	Freeway	2

Place value

Proximity 		Intensity 		Mixture 	
Intensity 300m	1913	Residents	12705		
Intensity 1200m	35283	Employees	16928		
		Visitors	5650		
					75%

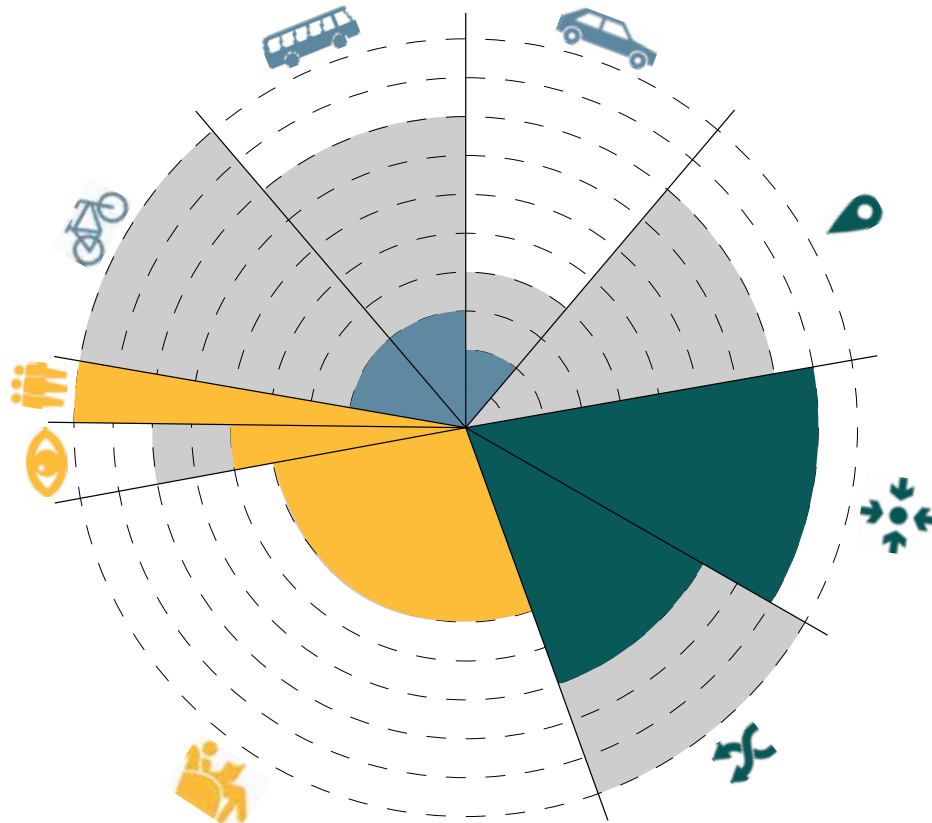
Experience value

Comfort 		Ambient elements 		Social elements 	
Heated waiting	No	Type of architecture	Homely	Presence of personnel	Yes
Sheltered waiting	Partially	Looked after	1987		
Television screens	No				
Free newspaper	Yes				
Wi-Fi	No				
Supermarket	0				
Stores	1				
Restaurants	2				
Toilets	Yes				



Leuvehaven

City centre



Node value



Slow traffic

PT-bike rental	No
Railway crossing	Yes
Bicycle parking	84
Local roads	34



Public transport

Boarding/alighting	12400
Train/hour	0
Metro/hour	18
Bus/hour	0
Tram/hour	22



Roads

Parking places	0
Freeway exit	0
Directions:	
Regional road	3
Freeway	1

Place value



Proximity

Intensity 300m	7465
Intensity 1200m	179035



Intensity

Residents	43000
Employees	64694
Visitors	71341



Mixture

66%

Experience value



Comfort

Heated waiting	Partially
Sheltered waiting	Yes
Television screens	No
Free newspaper	Yes
Wi-Fi	No
Supermarket	0
Stores	1
Restaurants	0
Toilets	Yes



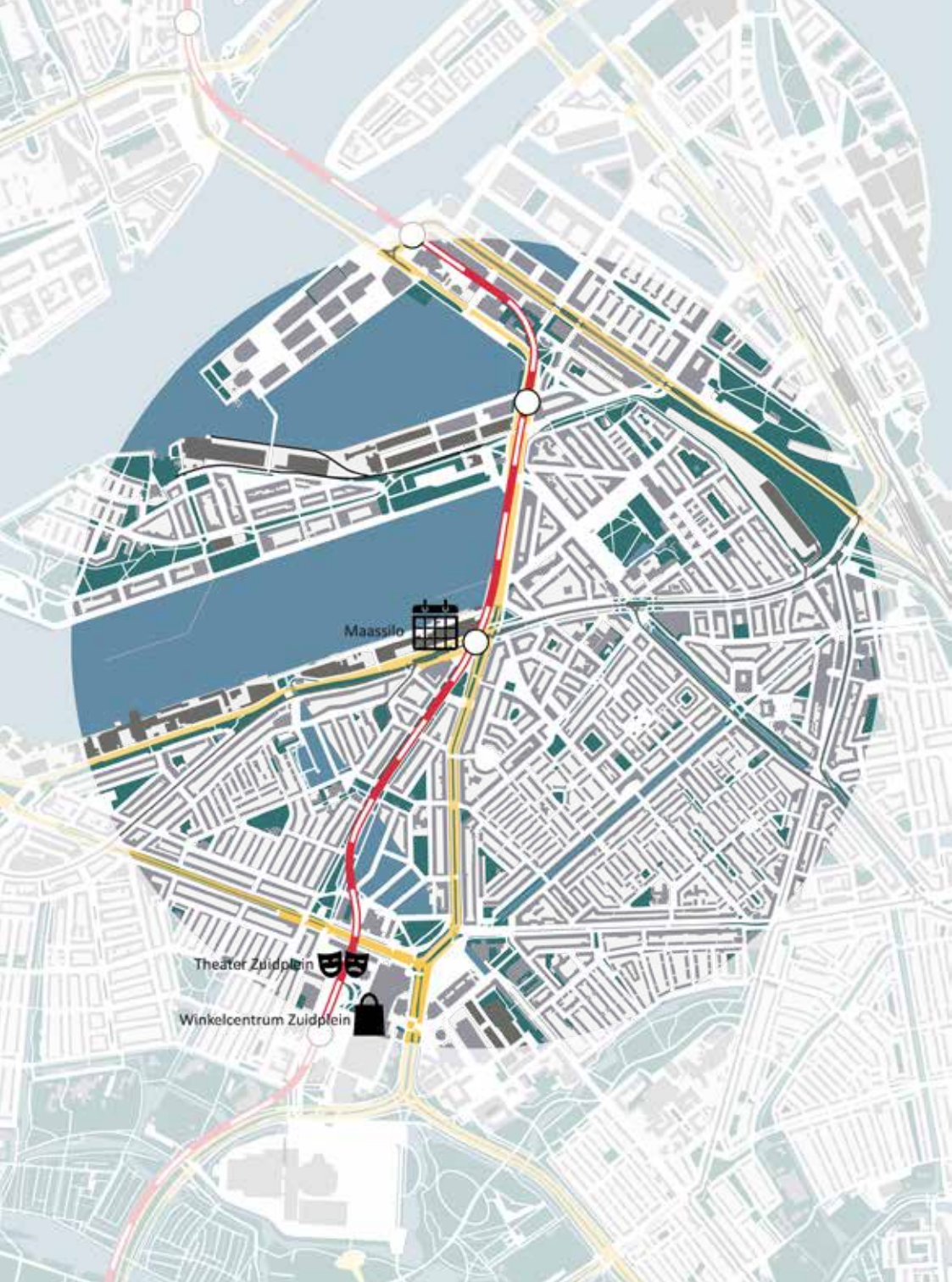
Ambient elements

Type of architecture	Homely
Looked after	1999



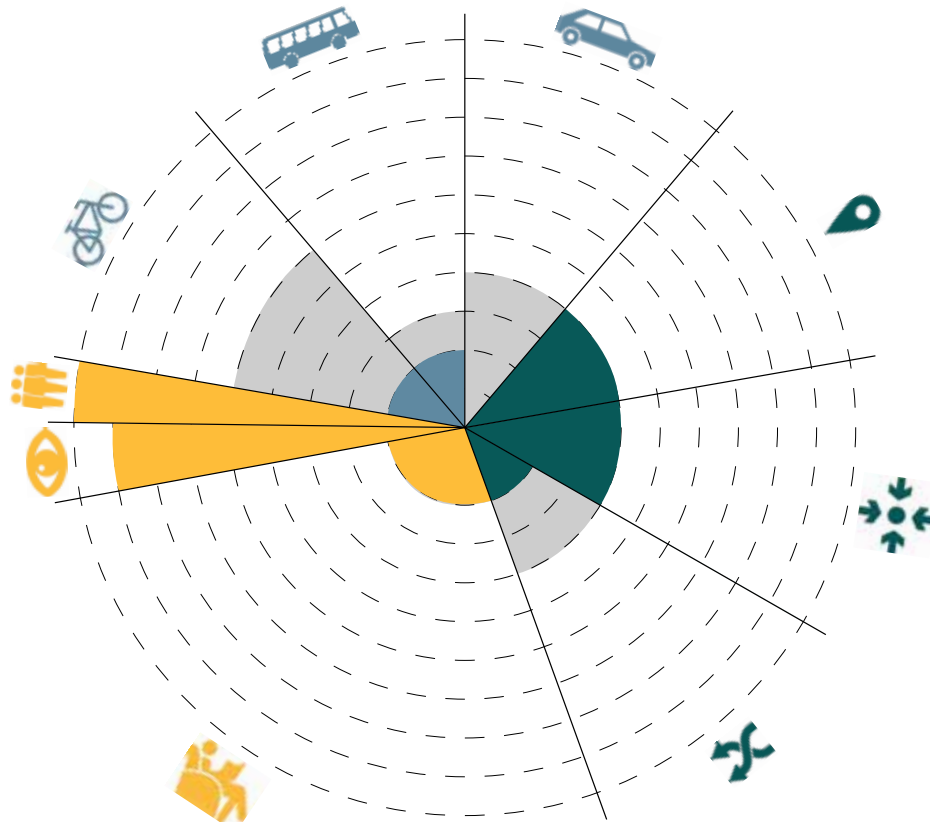
Social elements

Presence of personnel	Yes
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Maashaven

Public transport quarter



Node value



Slow traffic

PT-bike rental	No
Railway crossing	Yes
Bicycle parking	256
Local roads	26



Public transport

Boarding/alighting	17000
Train/hour	0
Metro/hour	18
Bus/hour	0
Tram/hour	6



Roads

Parking places	0
Freeway exit	0
Directions:	
Regional road	3
Freeway	0

88

Place value



Proximity

Intensity 300m	15270
Intensity 1200m	87686

17.4



Intensity

Residents	63085
Employees	16781
Visitors	7820

194



Mixture

27%

Experience value



Comfort

Heated waiting	No
Sheltered waiting	Partially
Television screens	No
Free newspaper	Yes
Wi-Fi	No
Supermarket	0
Stores	1
Restaurants	0
Toilets	Yes

0.2



Ambient elements

Type of architecture	Homely
Looked after	1968

0.1



Social elements

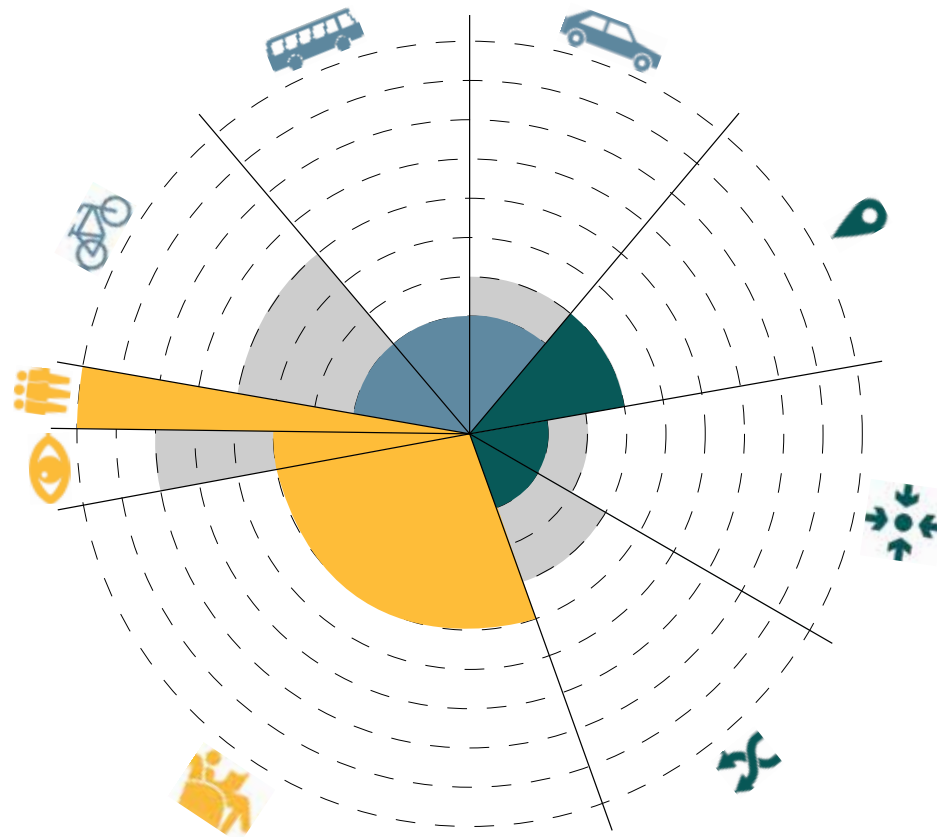
Presence of personnel	Yes
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0.1



Marconiplein

Public transport quarter



Node value



Slow traffic

PT-bike rental	No
Railway crossing	Yes
Bicycle parking	80
Local roads	30



Public transport

Boarding/alighting	23600
Train/hour	0
Metro/hour	18
Bus/hour	7
Tram/hour	28



Roads

Parking places	0
Freeway exit	0
Directions:	
Regional road	3
Freeway	3

188

Place value



Proximity

Intensity 300m	6879
Intensity 1200m	55466

12.4



Intensity

Residents	45975
Employees	9464
Visitors	27

123



Mixture

21%

Experience value



Comfort

Heated waiting	Partially
Sheltered waiting	Yes
Television screens	No
Free newspaper	Yes
Wi-Fi	No
Supermarket	0
Stores	1
Restaurants	1
Toilets	Yes

0.5



Ambient elements

Type of architecture	Homely
Looked after	1986

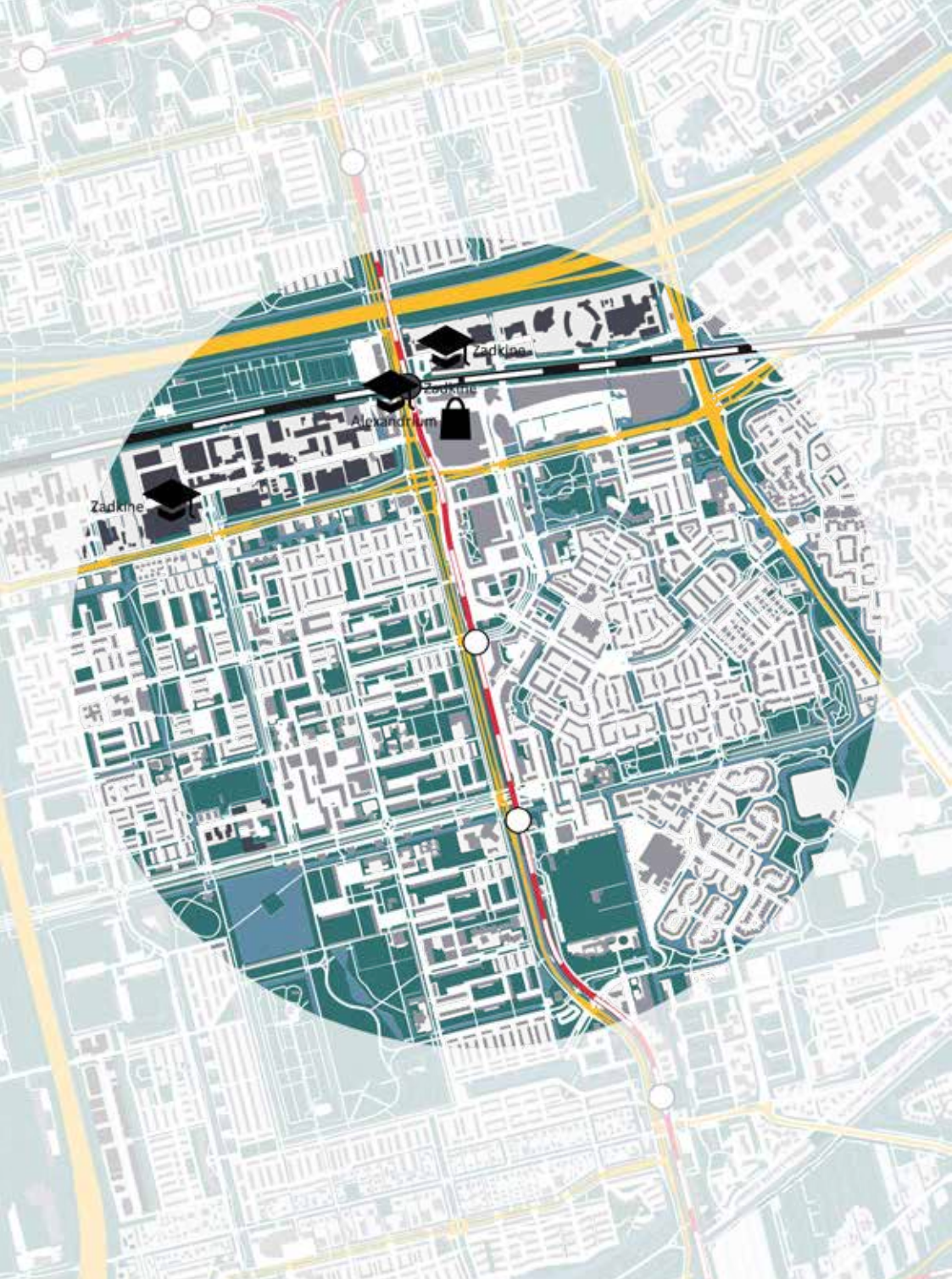
0.1



Social elements

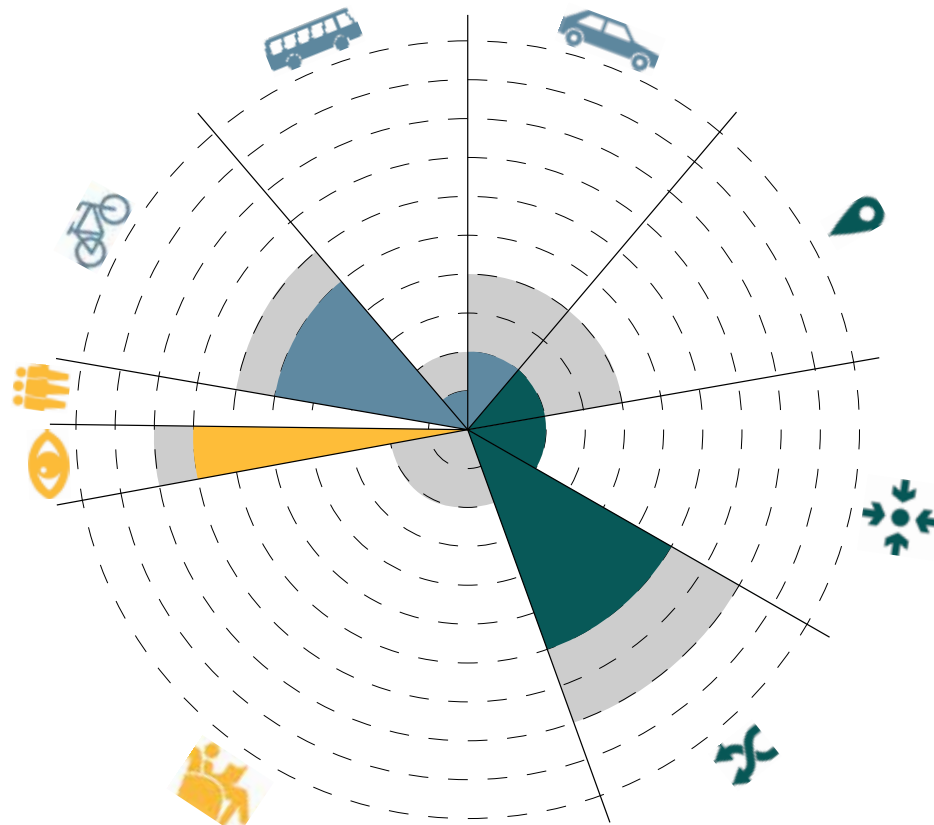
Presence of personnel	Yes
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0.1






Oosterflank




Centre village






Node value

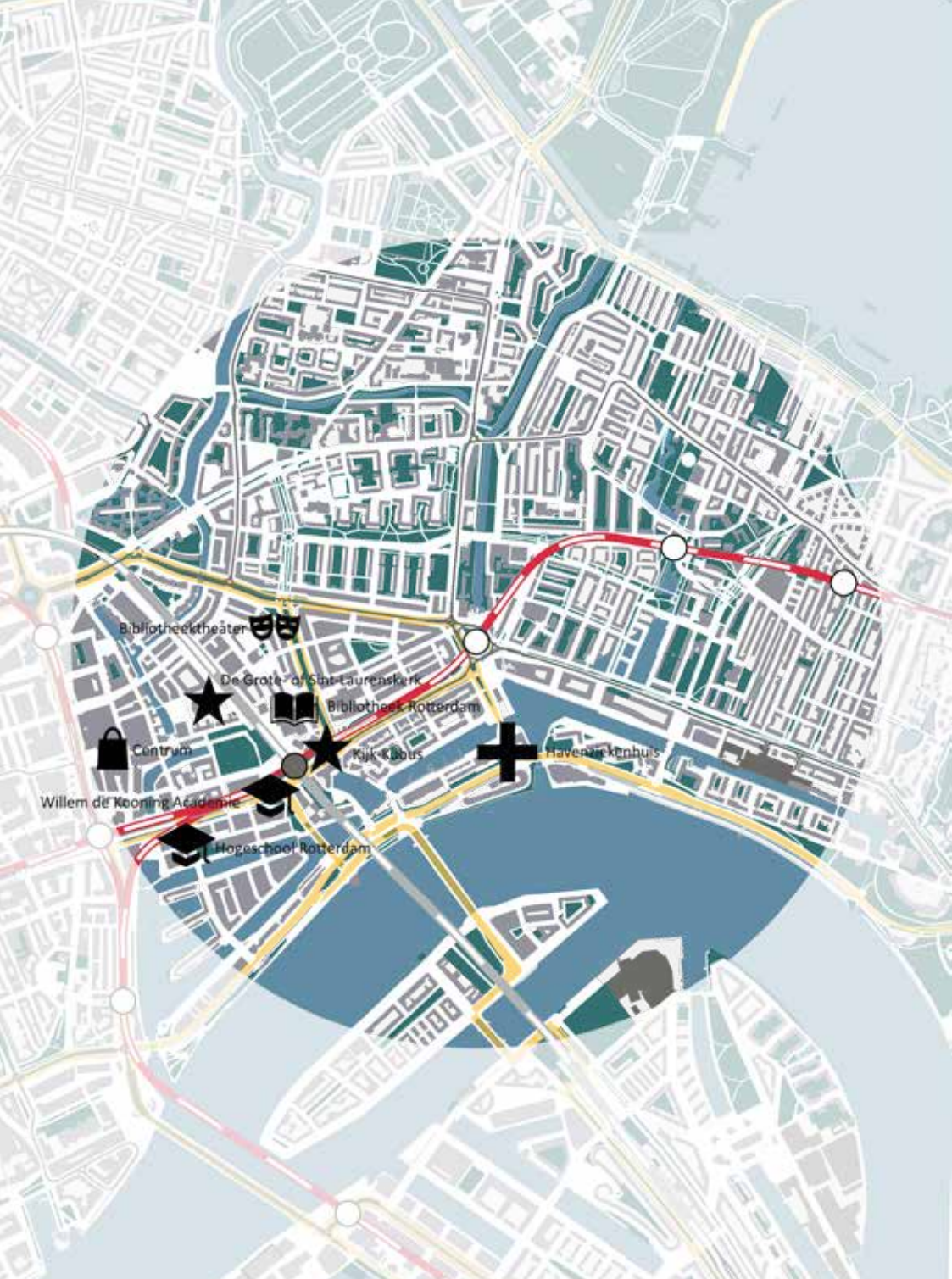
					
Slow traffic	122	Public transport	600	Roads	150
PT-bike rental	No	Boarding/alighting	10200	Parking places	0
Railway crossing	Yes	Train/hour	0	Freeway exit	0
Bicycle parking	239	Metro/hour	12	Directions:	
Local roads	48	Bus/hour	14	Regional road	4
		Tram/hour	0	Freeway	1

Place value

					
Proximity	8.4	Intensity	127	Mixture	61%
Intensity 300m	4862	Residents	33950		
Intensity 1200m	57580	Employees	20720		
		Visitors	2910		

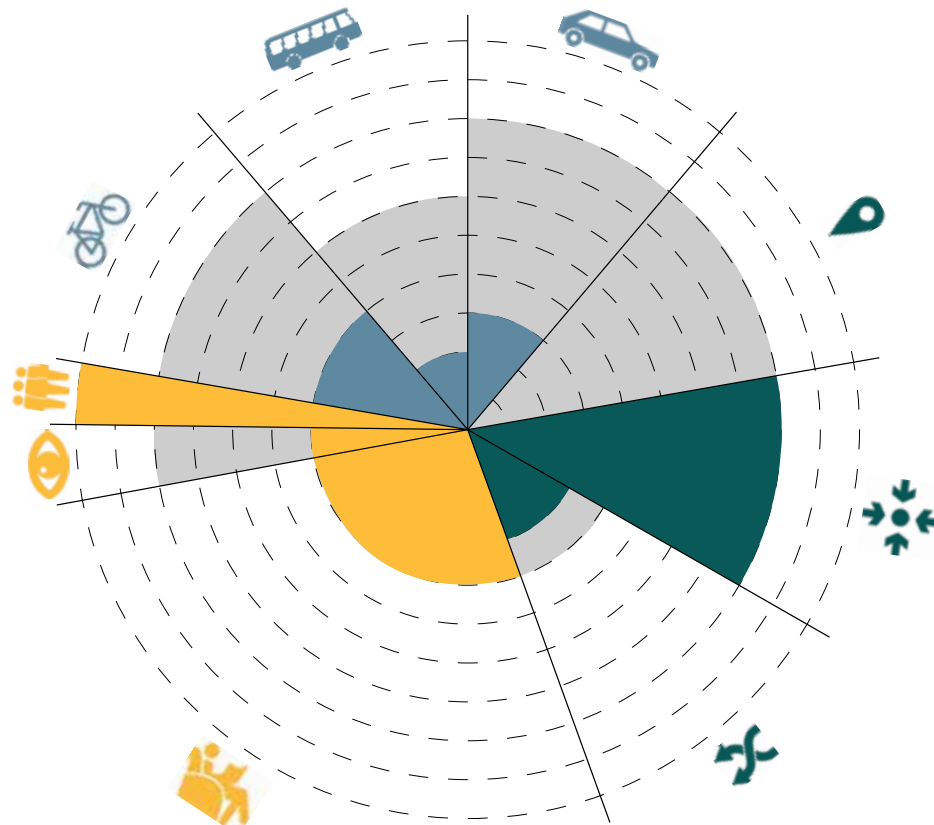
Experience value

					
Comfort	0.0	Ambient elements	0.1	Social elements	0.0
Heated waiting	No	Type of architecture	Homely	Presence of personnel	No
Sheltered waiting	No	Looked after	2005		
Television screens	No				
Free newspaper	Yes				
Wi-Fi	No				
Supermarket	0				
Stores	0				
Restaurants	0				
Toilets	No				



Oostplein

Modern city



Node value

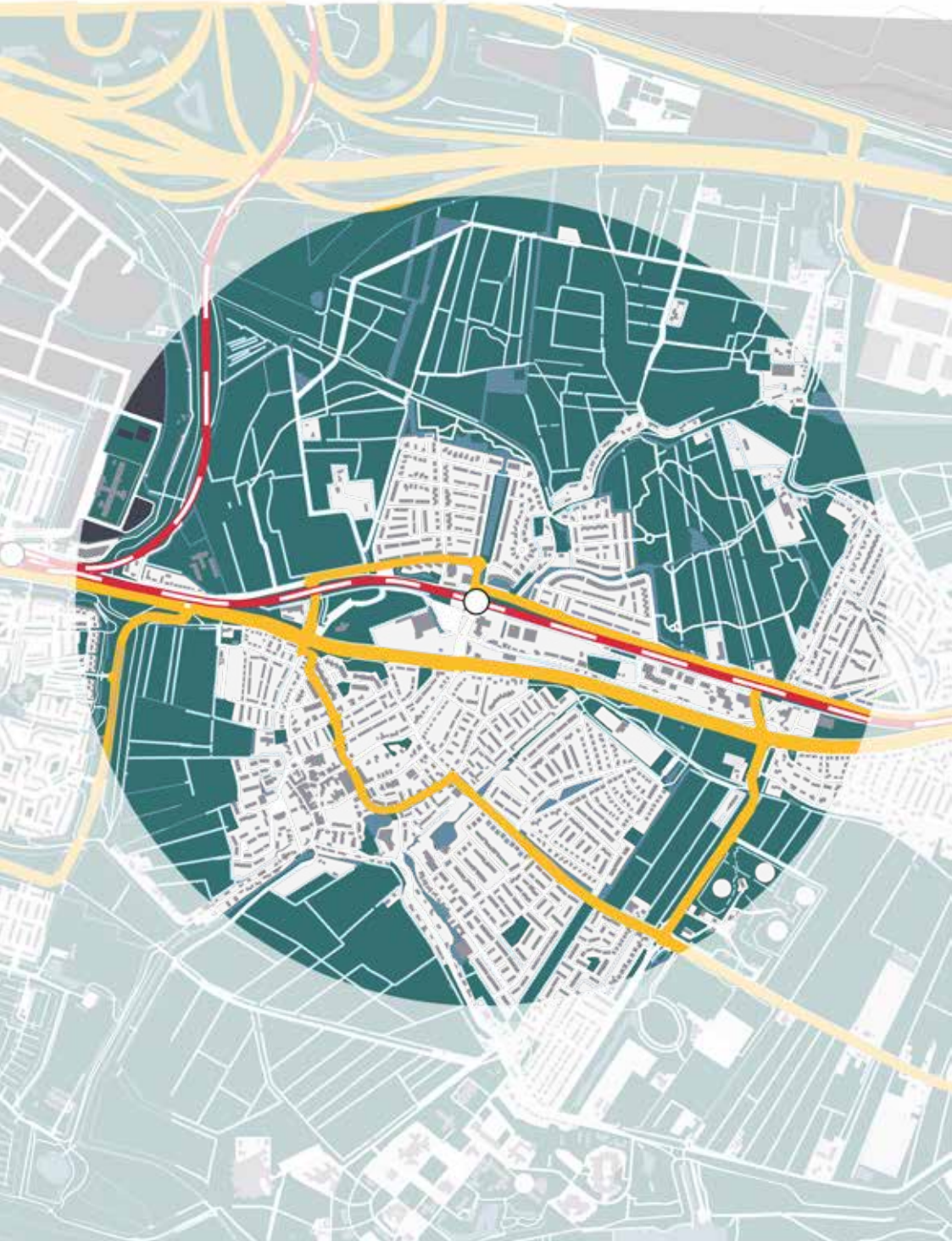
Slow traffic		Public transport		Roads	
PT-bike rental	No	Boarding/alighting	11200	Parking places	0
Railway crossing	Yes	Train/hour	0	Freeway exit	0
Bicycle parking	98	Metro/hour	18	Directions:	
Local roads	36	Bus/hour	0	Regional road	3
		Tram/hour	8	Freeway	2

Place value

Proximity		Intensity		Mixture	
Intensity 300m	6668	Residents	81420		
Intensity 1200m	168310	Employees	28948		
		Visitors	57942		
					36%

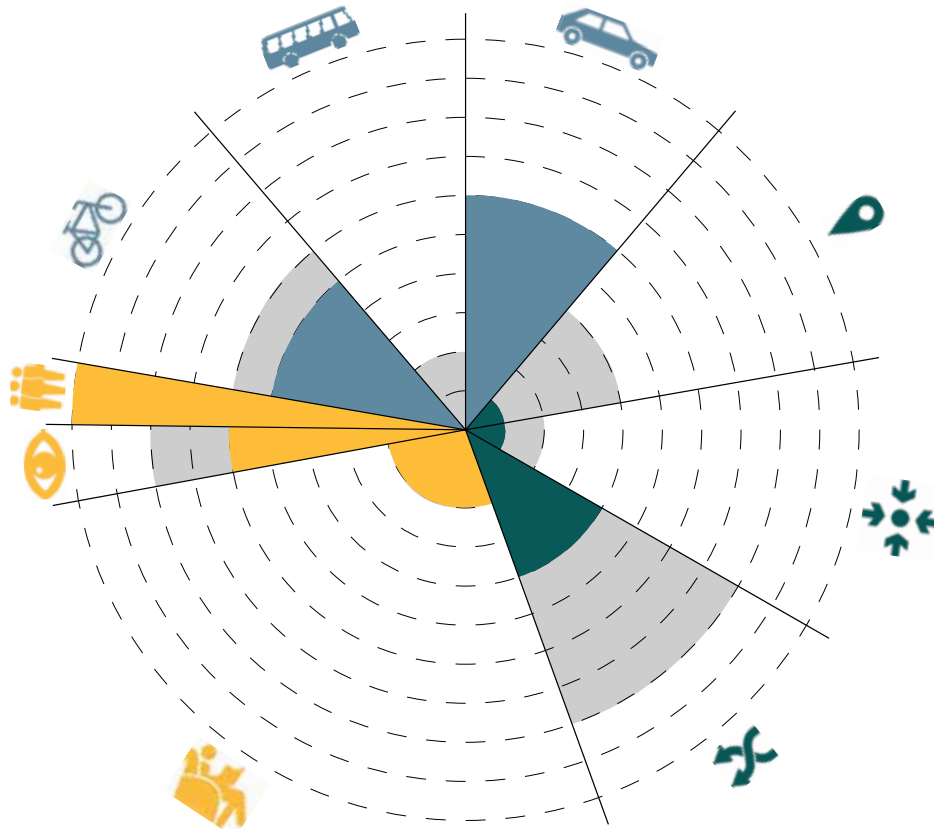
Experience value

Comfort		Ambient elements		Social elements	
Heated waiting	Partially	Type of architecture	Homely	Presence of personnel	Yes
Sheltered waiting	Yes	Looked after	1982		
Television screens	No				
Free newspaper	Yes				
Wi-Fi	No				
Supermarket	0				
Stores	0				
Restaurants	0				
Toilets	Yes				



Poortugaal

Centre village



Node value



Slow traffic

PT-bike rental	Yes
Railway crossing	Yes
Bicycle parking	412
Local roads	31



Public transport

Boarding/alighting	3400
Train/hour	0
Metro/hour	12
Bus/hour	2
Tram/hour	0



Roads

Parking places	171
Freeway exit	0
Directions:	
Regional road	4
Freeway	3

Place value



Proximity

Intensity 300m	3163
Intensity 1200m	39678



Intensity

Residents	10730
Employees	28948
Visitors	0



Mixture

37%

Experience value



Comfort

Heated waiting	No
Sheltered waiting	Partially
Television screens	No
Free newspaper	Yes
Wi-Fi	No
Supermarket	0
Stores	0
Restaurants	0
Toilets	Yes



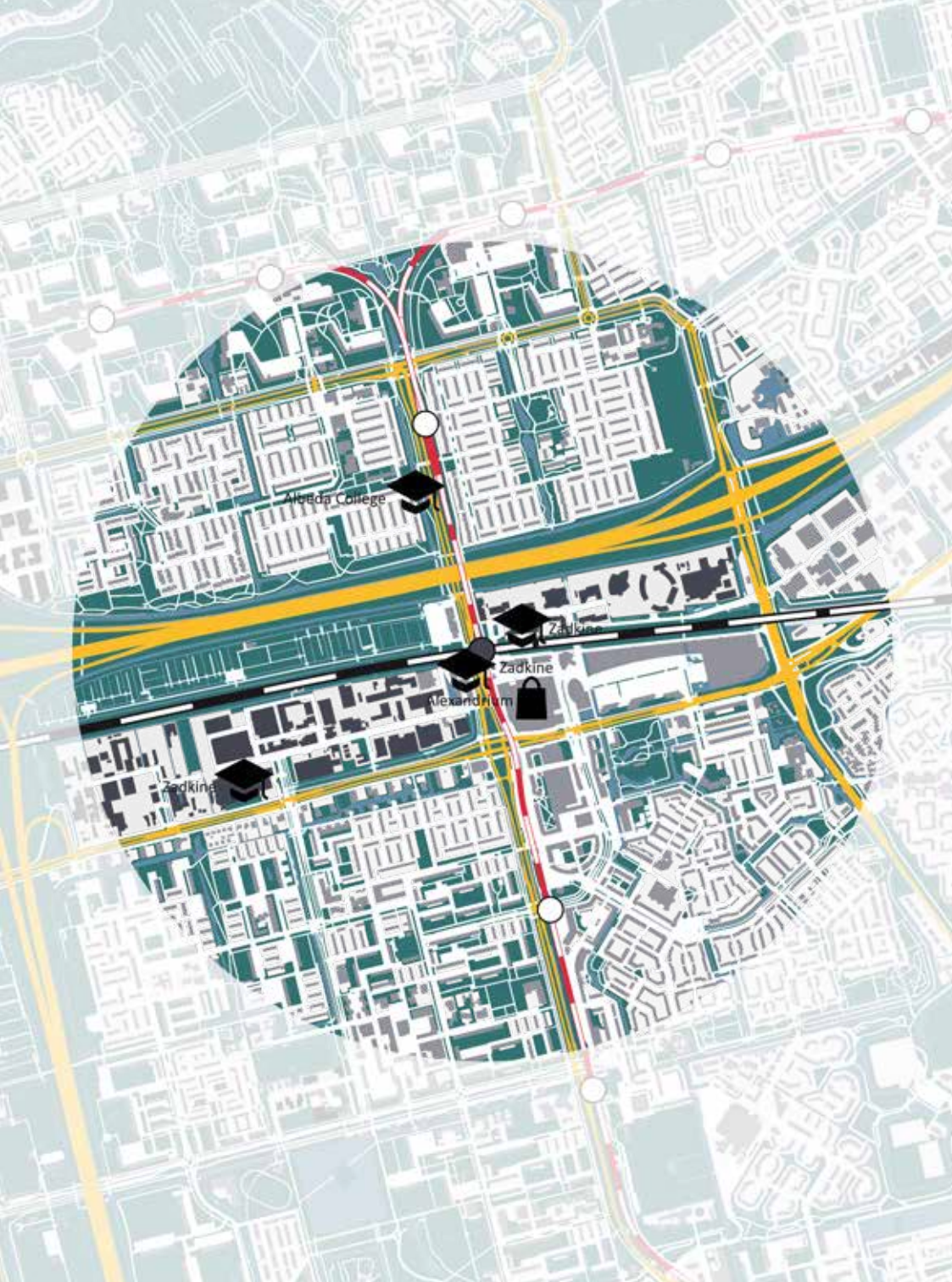
Ambient elements

Type of architecture	Mod-
Looked after	1986



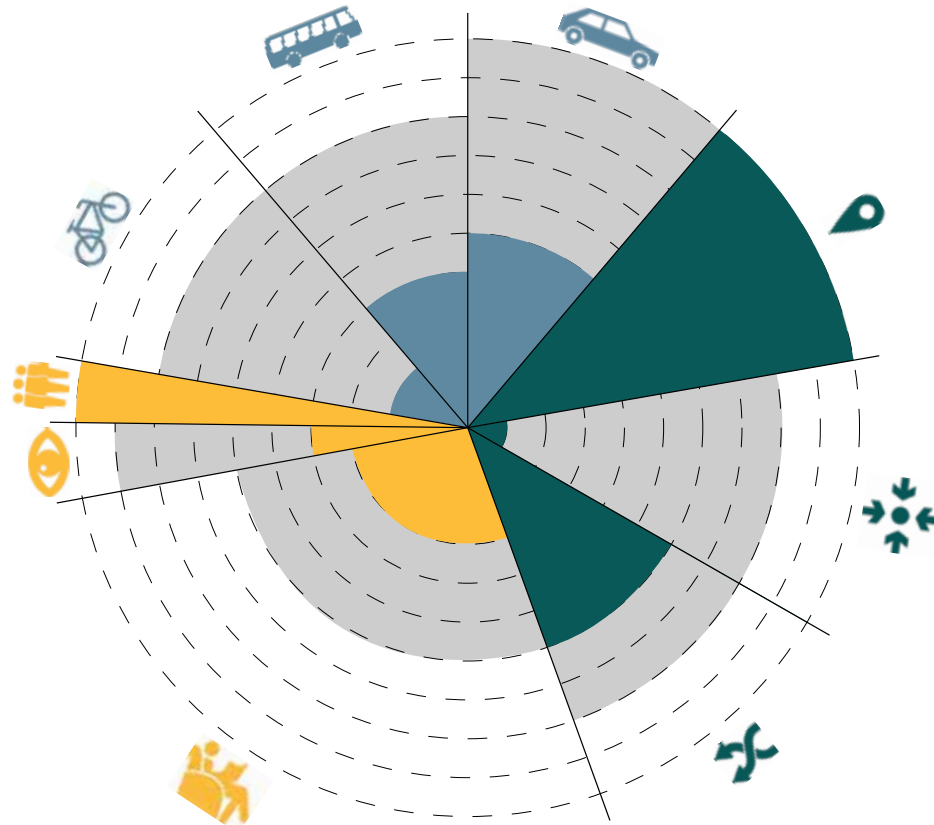
Social elements

Presence of personnel	Yes
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Rotterdam Alexander

Metropolitan centre



Node value

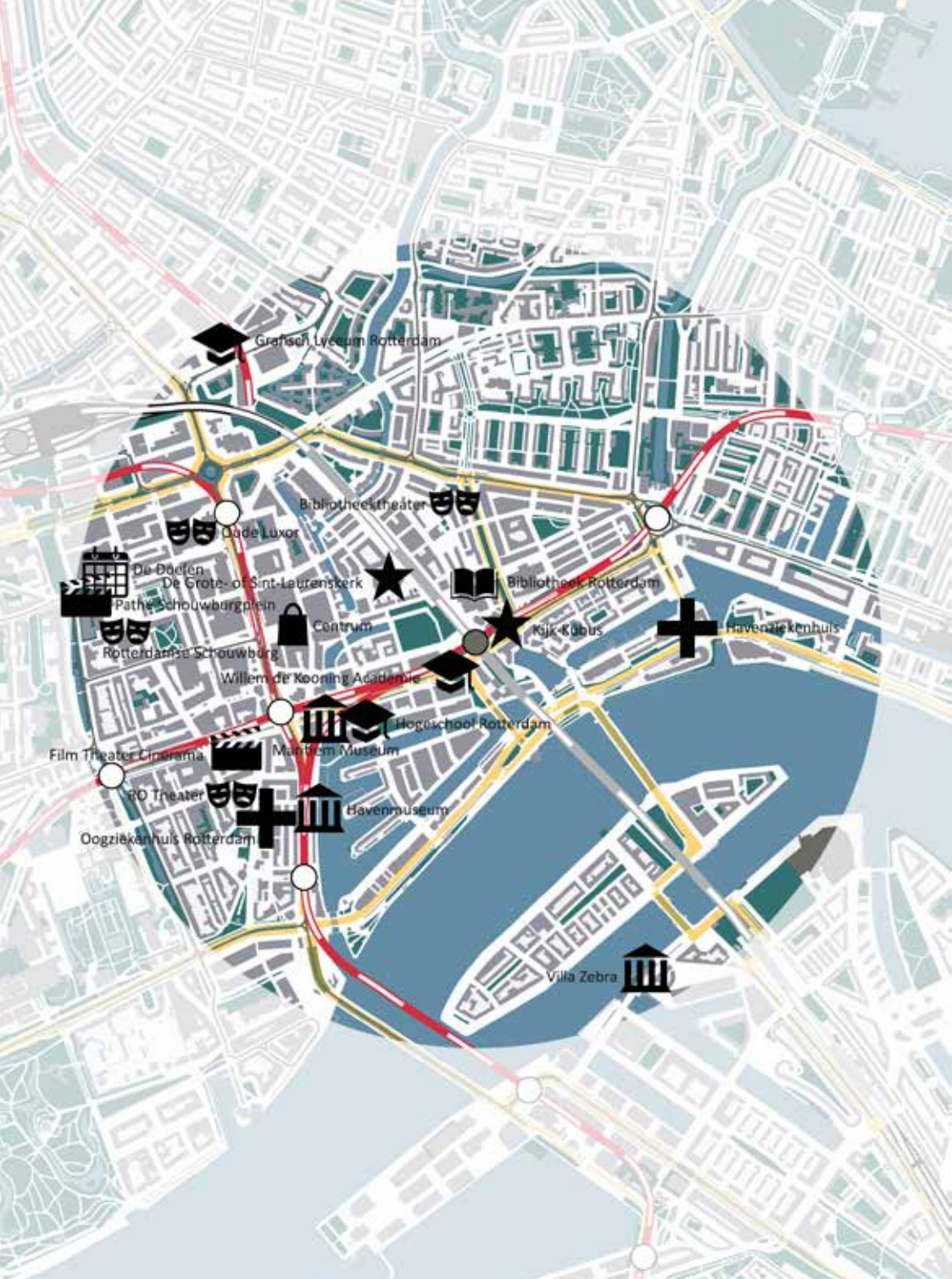
Slow traffic		Public transport		Roads	
PT-bike rental	Yes	Boarding/alighting	36088	Parking places	480
Railway crossing	Yes	Train/hour	8	Freeway exit	0
Bicycle parking	711	Metro/hour	12	Directions:	
Local roads	11	Bus/hour	21	Regional road	5
		Tram/hour	0	Freeway	3

Place value

Proximity		Intensity		Mixture	
Intensity 300m	17034	Residents	30165		
Intensity 1200m	48624	Employees	18459		
		Visitors	11591		

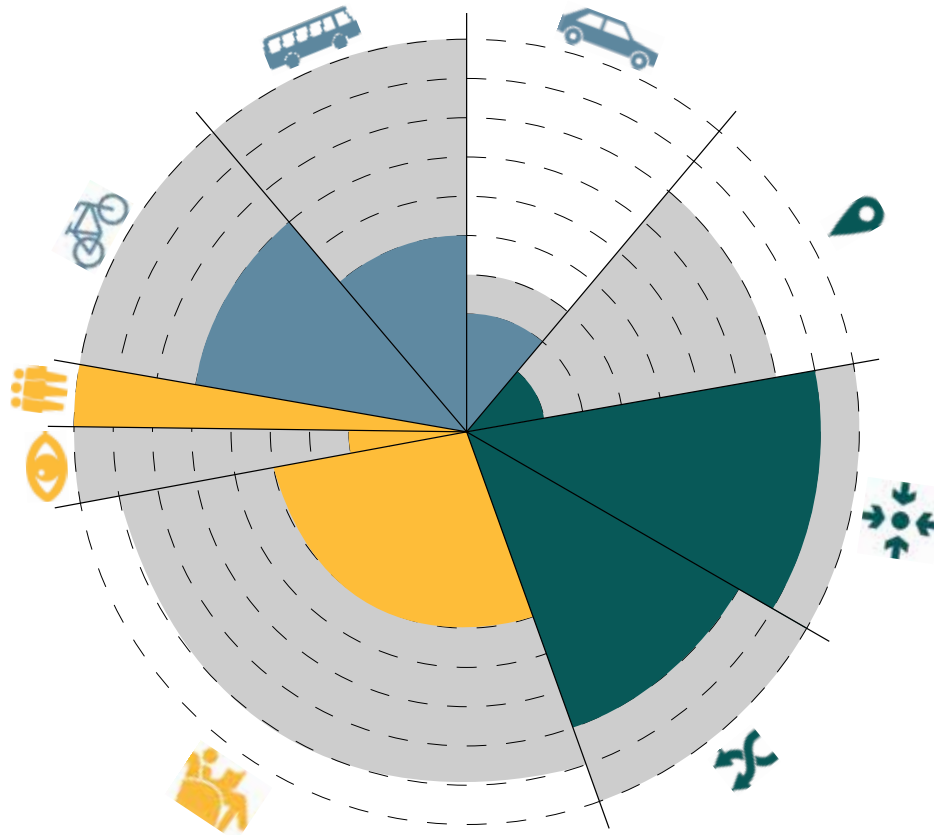
Experience value

Comfort		Ambient elements		Social elements	
Heated waiting	No	Type of architecture	Homely	Presence of personnel	Yes
Sheltered waiting	Partially	Looked after	1983		
Television screens	No				
Free newspaper	Yes				
Wi-Fi	No				
Supermarket	1				
Stores	0				
Restaurants	0				
Toilets	Yes				



Rotterdam Blaak

Big city



Node value



Slow traffic

PT-bike rental	Yes
Railway crossing	Yes
Bicycle parking	438
Local roads	41



Public transport

Boarding/alighting	52279
Train/hour	8
Metro/hour	18
Bus/hour	12
Tram/hour	8



Roads

Parking places	0
Freeway exit	0
Directions:	
Regional road	3
Freeway	2

Place value



Proximity

Intensity 300m	19105
Intensity 1200m	185696



Intensity

Residents	68160
Employees	49447
Visitors	68089



Mixture

73%

Experience value



Comfort

Heated waiting	Partially
Sheltered waiting	Yes
Television screens	Yes
Free newspaper	Yes
Wi-Fi	No
Supermarket	0
Stores	0
Restaurants	1
Toilets	Yes



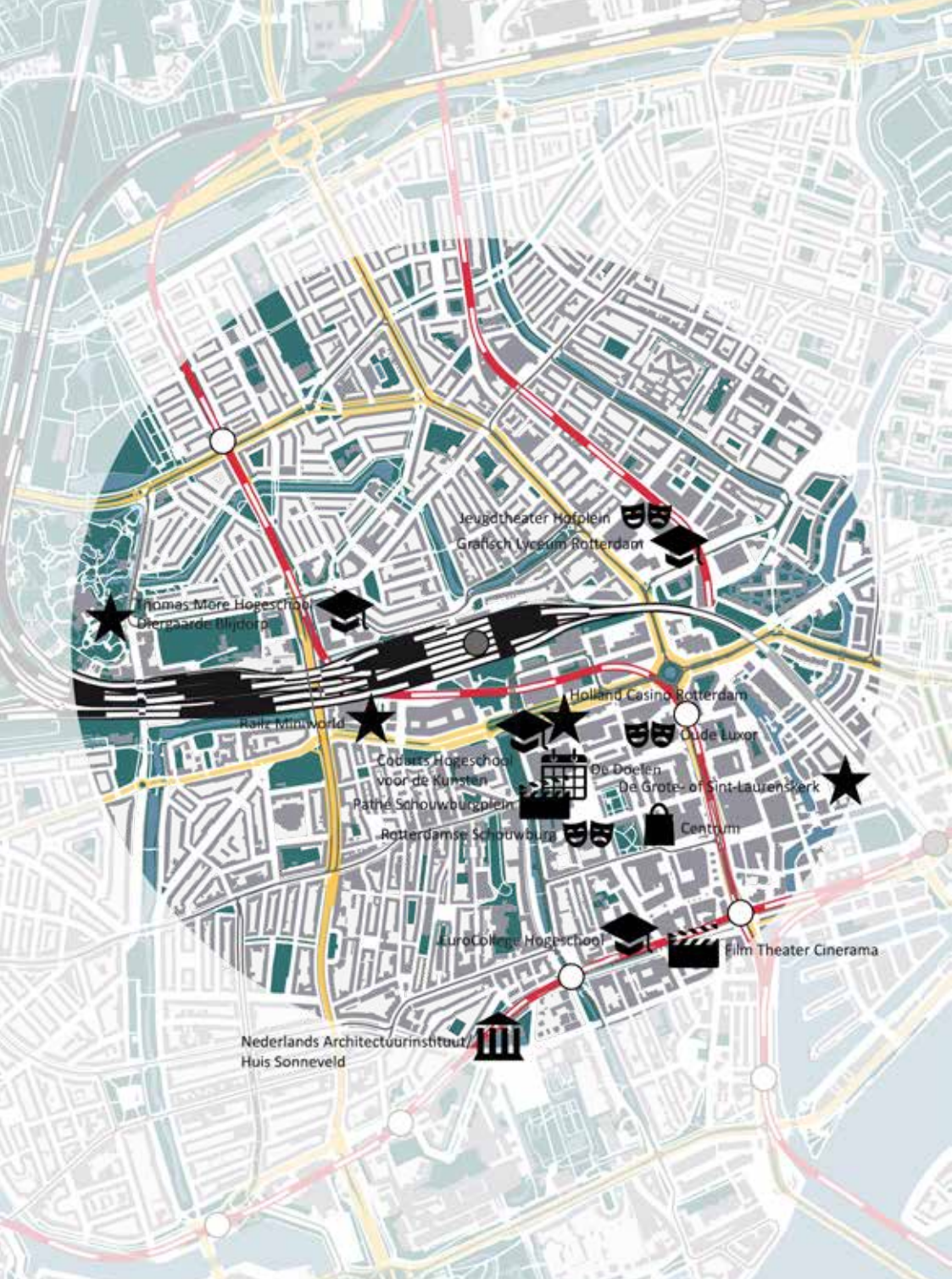
Ambient elements

Type of architecture	Modern/artistic
Looked after	1993



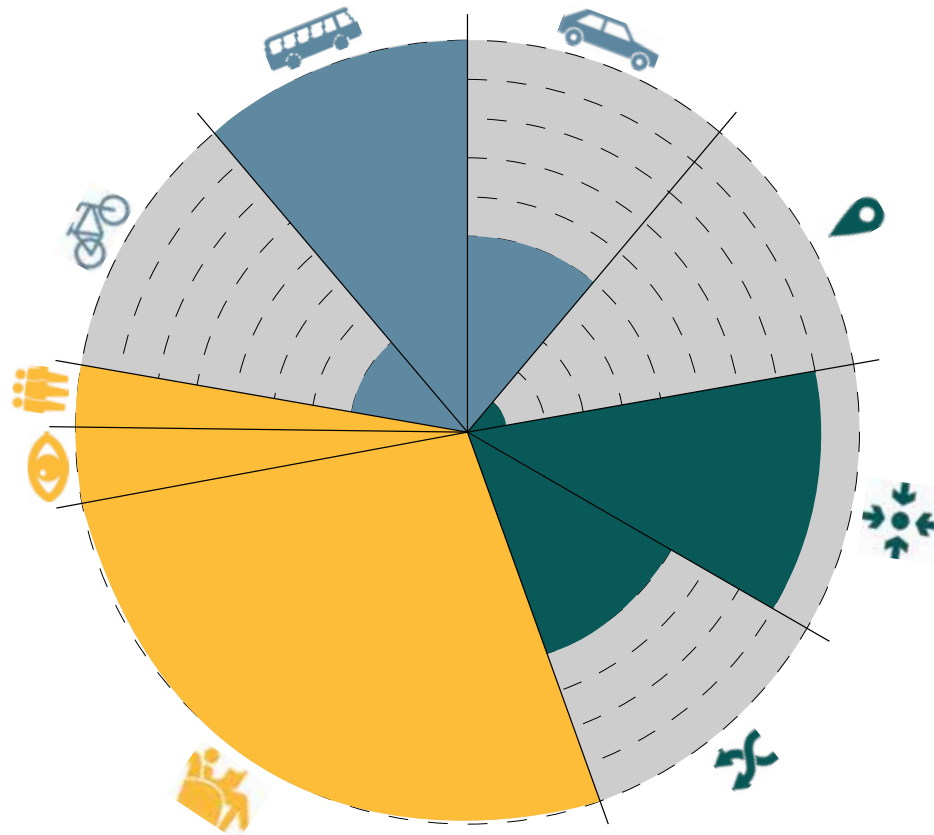
Social elements

Presence of personnel	Yes
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Rotterdam Centraal

World city



Node value



Slow traffic

PT-bike rental	Yes
Railway crossing	Yes
Bicycle parking	5282
Local roads	19



Public transport

Boarding/alighting	150649
Train/hour	24
Metro/hour	18
Bus/hour	33
Tram/hour	46



Roads

Parking places	0
Freeway exit	0
Directions:	
Regional road	5
Freeway	3

Place value



Proximity

Intensity 300m	10929
Intensity 1200m	193454



Intensity

Residents	83650
Employees	46902
Visitors	62902



Mixture

56%

Experience value



Comfort

Heated waiting	Yes
Sheltered waiting	Yes
Television screens	Yes
Free newspaper	Yes
Wi-Fi	Yes
Supermarket	2
Stores	14
Restaurants	14
Toilets	Yes



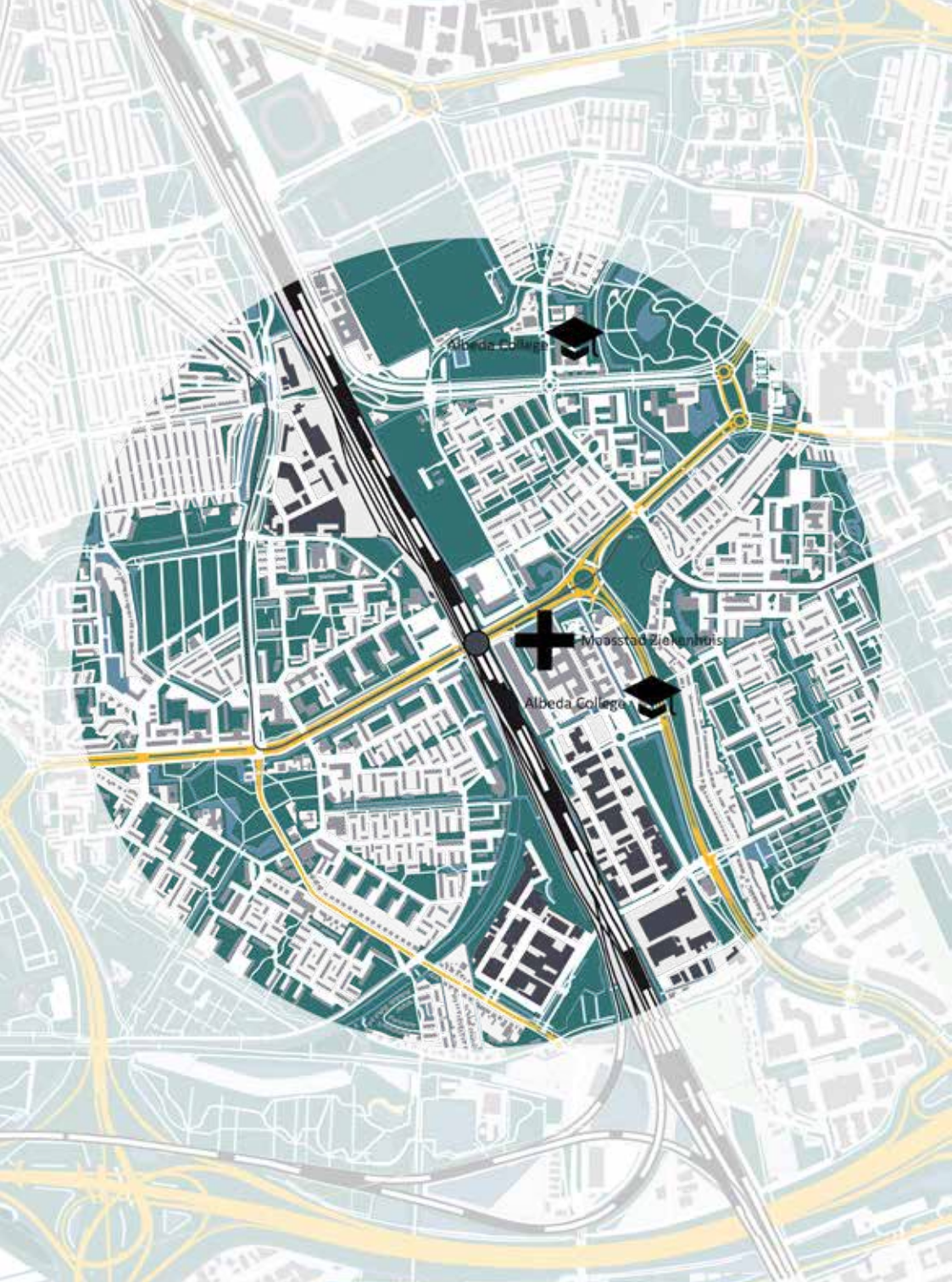
Ambient elements

Type of architecture	Modern -classic
Looked after	2014



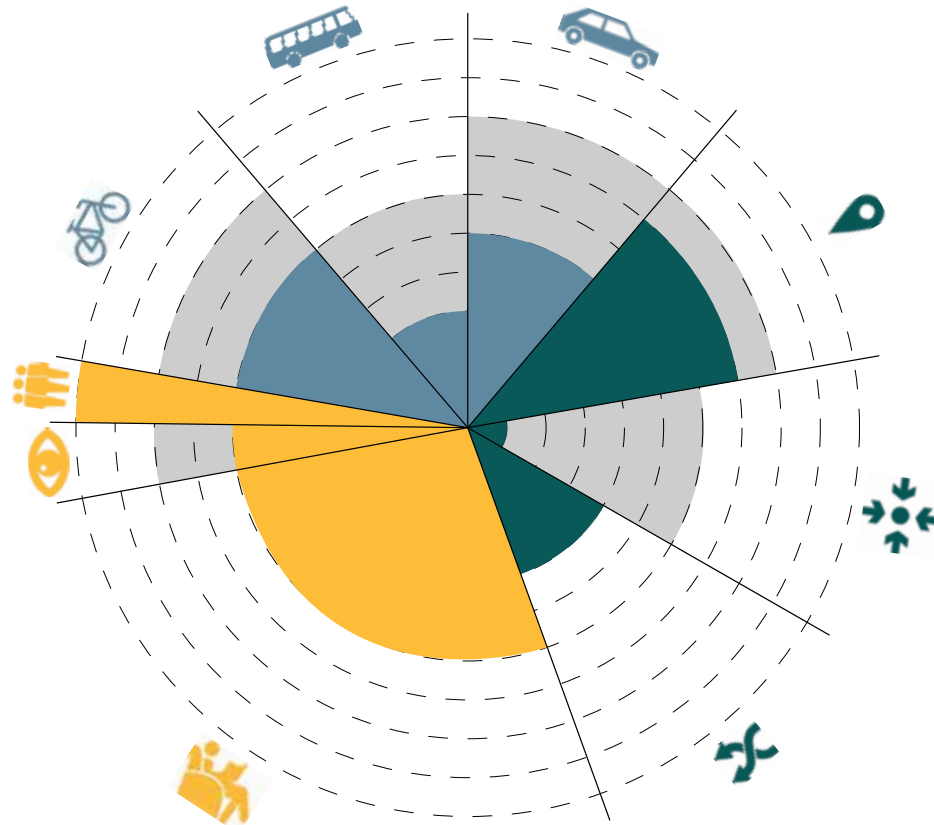
Social elements

Presence of personnel	Yes
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Rotterdam Lombardijen

Modern city



Node value



Slow traffic

PT-bike rental	Yes
Railway crossing	Yes
Bicycle parking	505
Local roads	33



Public transport

Boarding/alighting	14486
Train/hour	4
Metro/hour	0
Bus/hour	31
Tram/hour	14



Roads

Parking places	109
Freeway exit	0
Directions:	
Regional road	1
Freeway	6

Place value



Proximity

Intensity 300m	9193
Intensity 1200m	36386



Intensity

Residents	24400
Employees	9853
Visitors	2133



Mixture

40%

Experience value



Comfort

Heated waiting	Yes
Sheltered waiting	Yes
Television screens	No
Free newspaper	Yes
Wi-Fi	No
Supermarket	0
Stores	0
Restaurants	0
Toilets	Yes



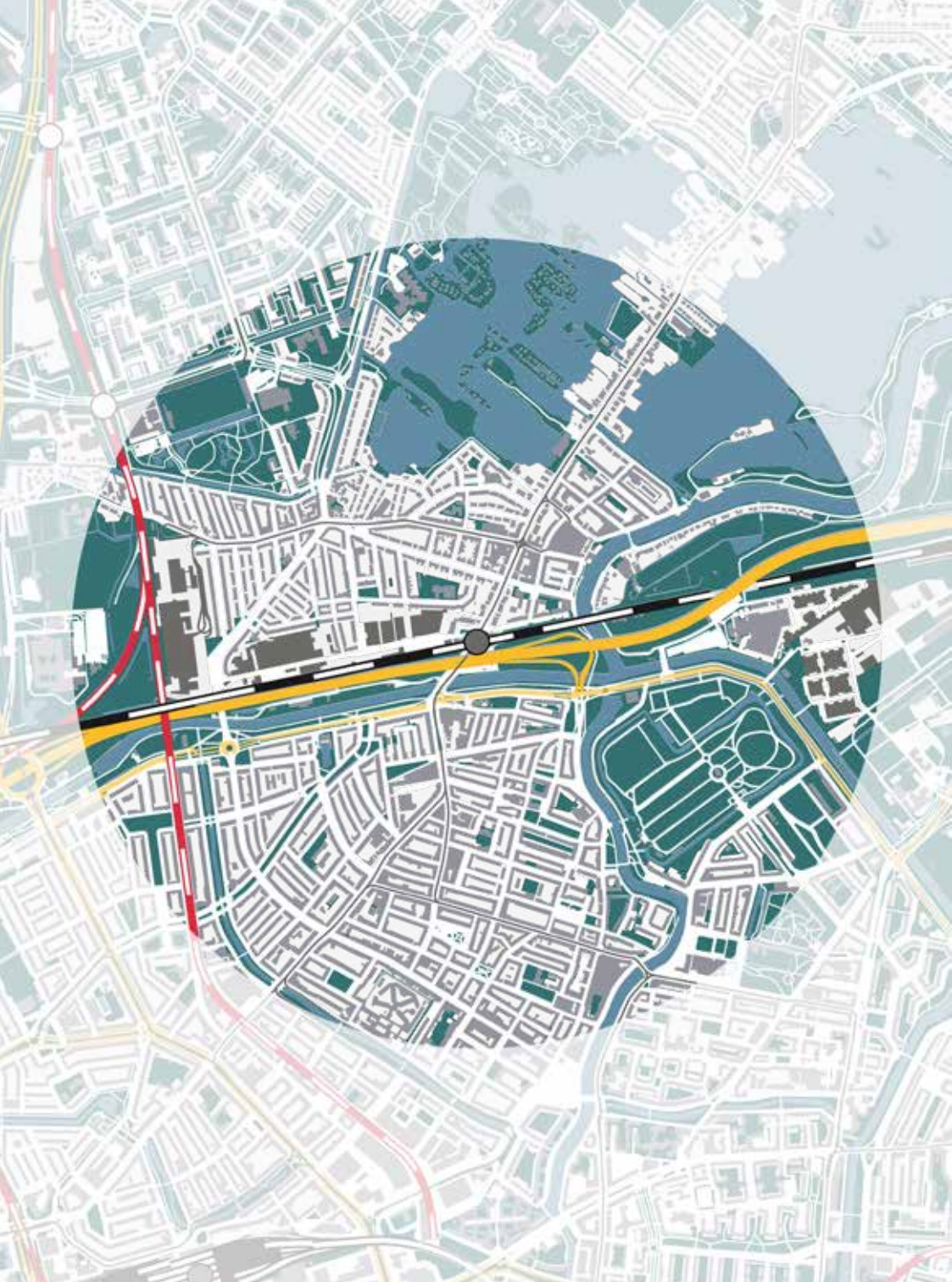
Ambient elements

Type of architecture	Homely
Looked after	1996



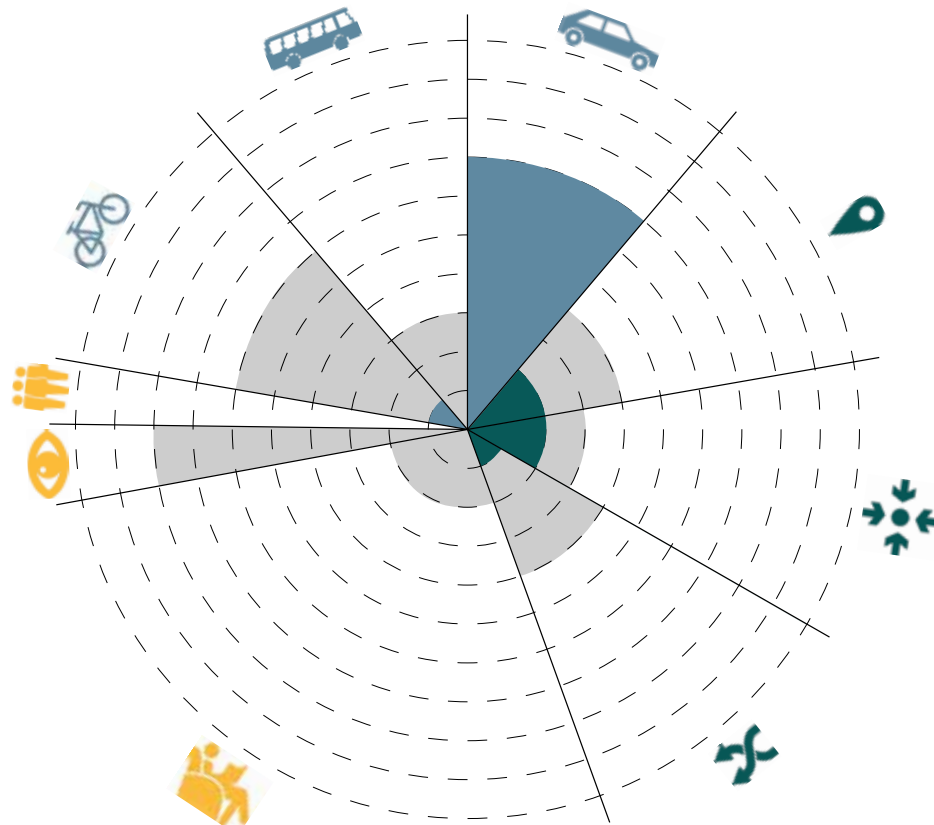
Social elements

Presence of personnel	Yes
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Rotterdam Noord

Public transport quarter



Node value



Slow traffic

PT-bike rental	No
Railway crossing	Yes
Bicycle parking	258
Local roads	23



Public transport

Boarding/alighting	4308
Train/hour	4
Metro/hour	0
Bus/hour	5
Tram/hour	12



Roads

Parking places	0
Freeway exit	1
Directions:	
Regional road	3
Freeway	3

Place value



Proximity

Intensity 300m	4834
Intensity 1200m	51760



Intensity

Residents	43905
Employees	7855
Visitors	0



Mixture

18%

Experience value



Comfort

Heated waiting	No
Sheltered waiting	No
Television screens	No
Free newspaper	Yes
Wi-Fi	No
Supermarket	0
Stores	0
Restaurants	0
Toilets	No



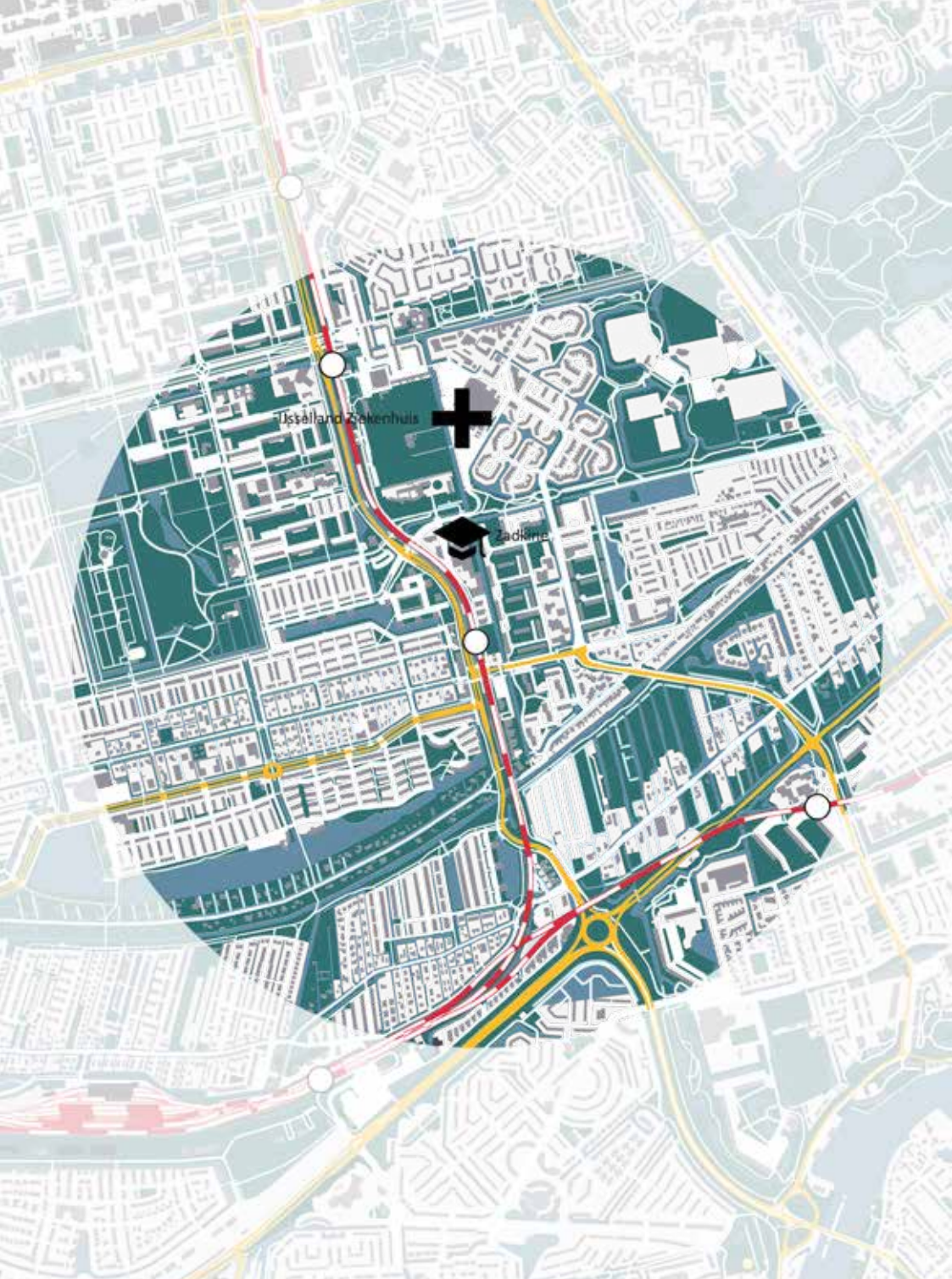
Ambient elements

Type of architecture	Homely
Looked after	1953



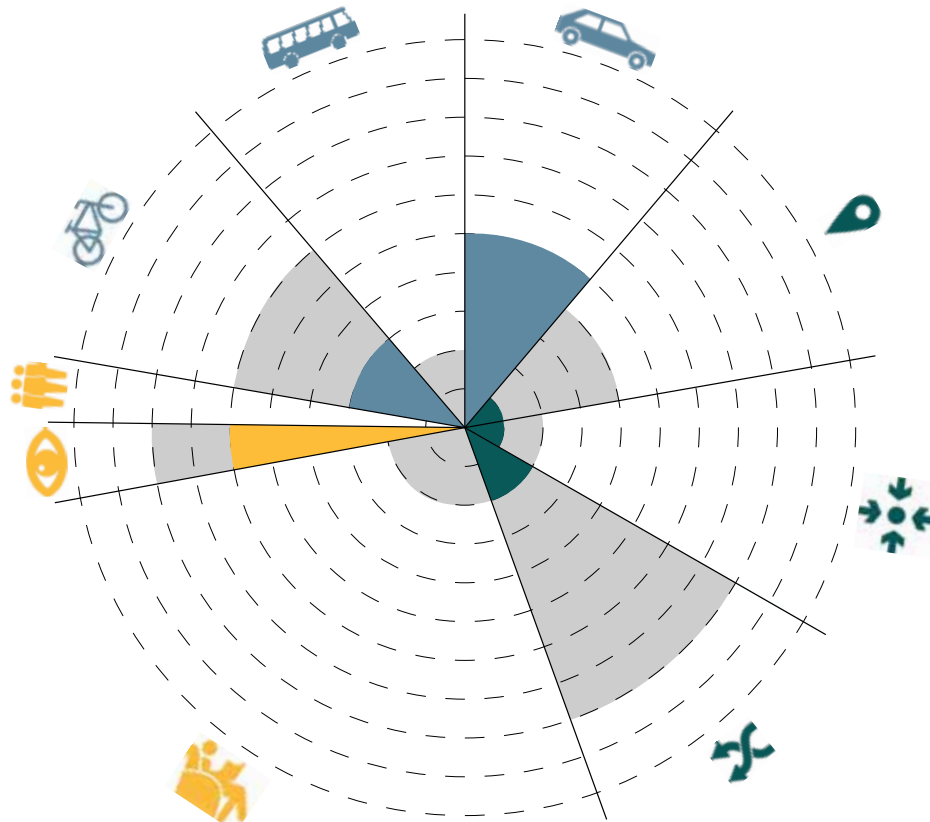
Social elements

Presence of personnel	No
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Schenkel




Centre village






Node value

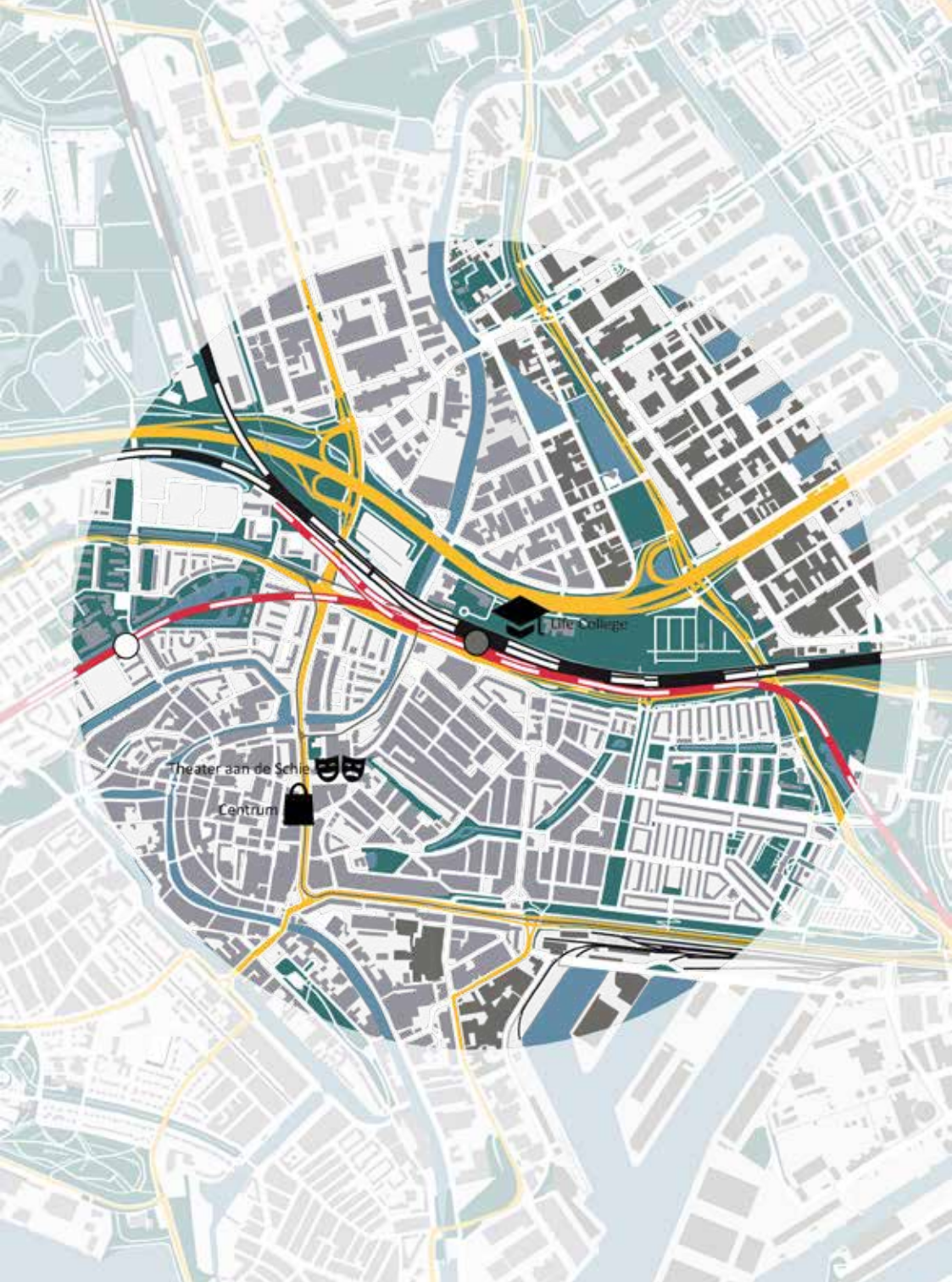
					
Slow traffic	100	Public transport	470	Roads	238
PT-bike rental	No	Boarding/alighting	5000	Parking places	102
Railway crossing	Yes	Train/hour	0	Freeway exit	0
Bicycle parking	198	Metro/hour	12	Directions:	
Local roads	33	Bus/hour	1	Regional road	5
		Tram/hour	0	Freeway	3

Place value

					
Proximity	8.1	Intensity	80	Mixture	25%
Intensity 300m	2929	Residents	26395		
Intensity 1200m	36001	Employees	6488		
		Visitors	3118		

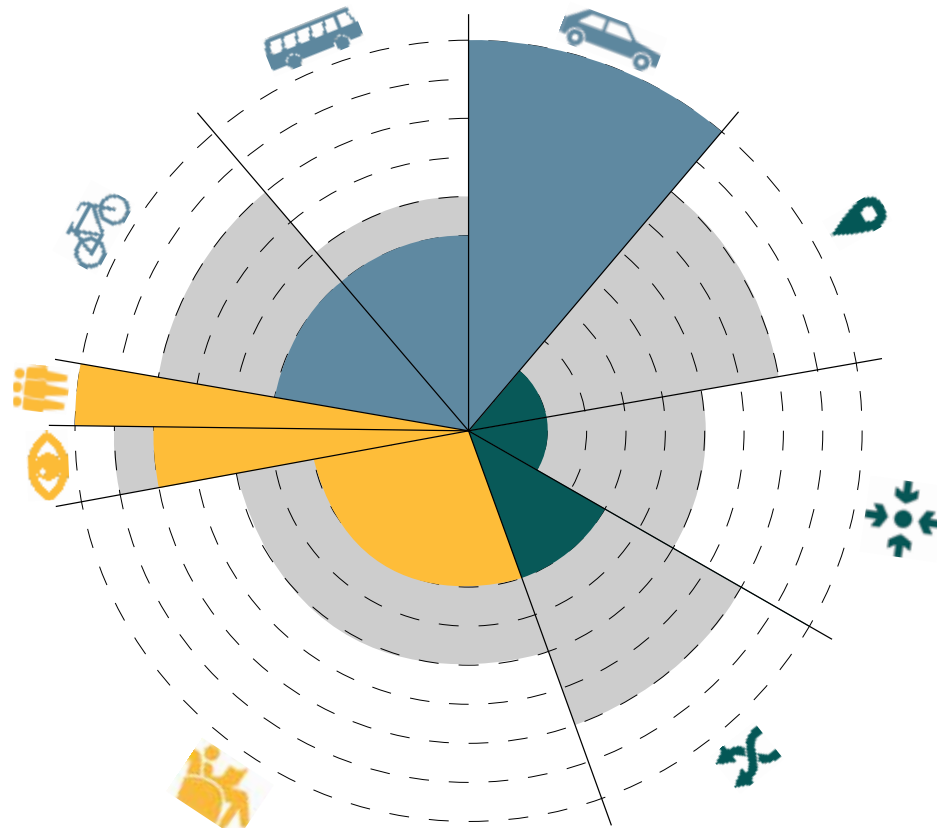
Experience value

					
Comfort	0.0	Ambient elements	0.1	Social elements	0.0
Heated waiting	No	Type of architecture	Homely	Presence of personnel	No
Sheltered waiting	No	Looked after	1995		
Television screens	No				
Free newspaper	Yes				
Wi-Fi	No				
Supermarket	0				
Stores	0				
Restaurants	0				
Toilets	No				



Schiedam Centrum

Regional centre



Node value

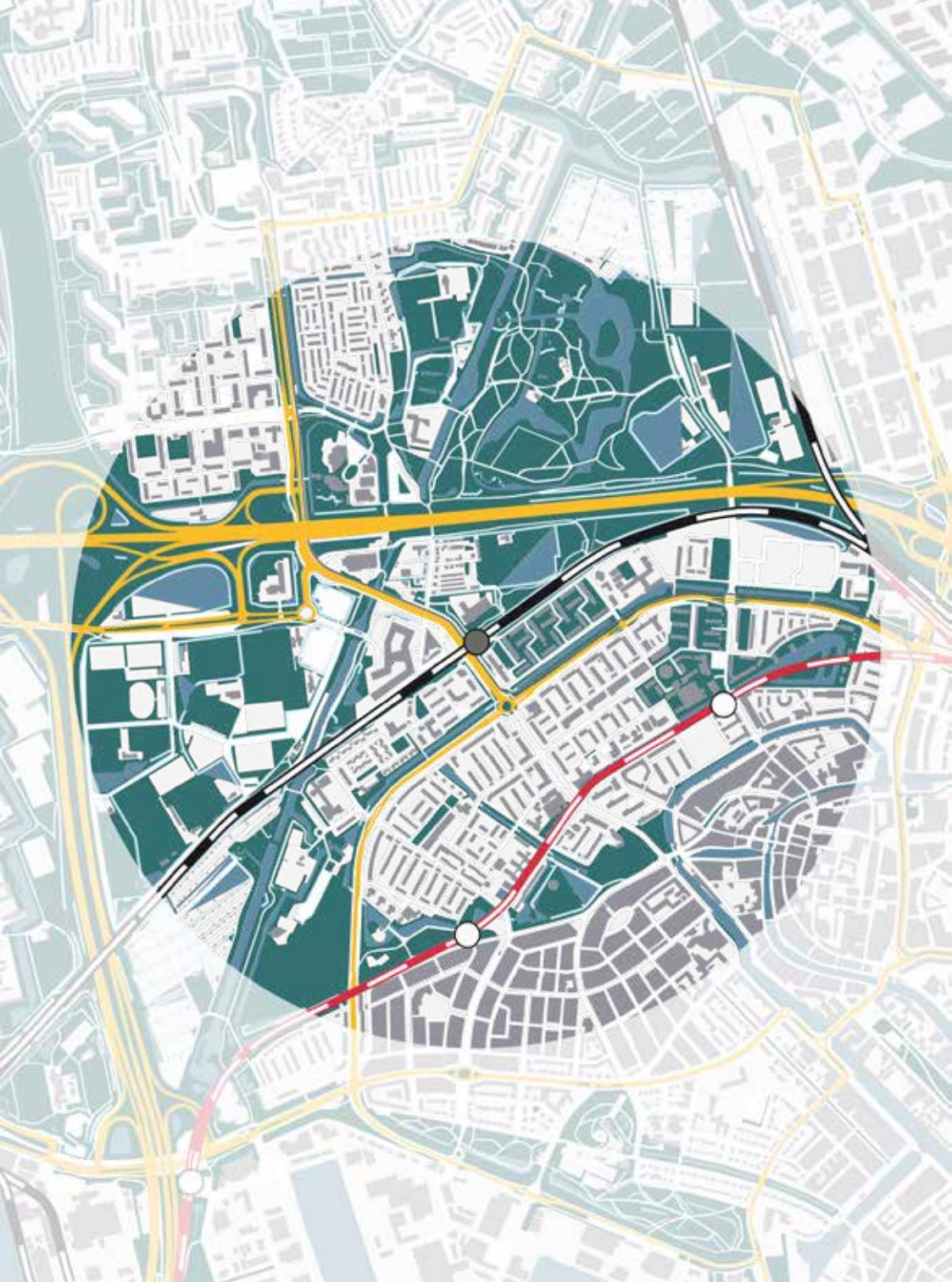
Slow traffic		Public transport		Roads	
PT-bike rental	Yes	Boarding/alighting	50426	Parking places	330
Railway crossing	Yes	Train/hour	12	Freeway exit	2
Bicycle parking	1917	Metro/hour	18	Directions:	
Local roads	28	Bus/hour	21	Regional road	3
		Tram/hour	8	Freeway	4

Place value

Proximity		Intensity		Mixture	
Intensity 300m	5238	Residents	31425		41%
Intensity 1200m	55592	Employees	12781		
		Visitors	11386		

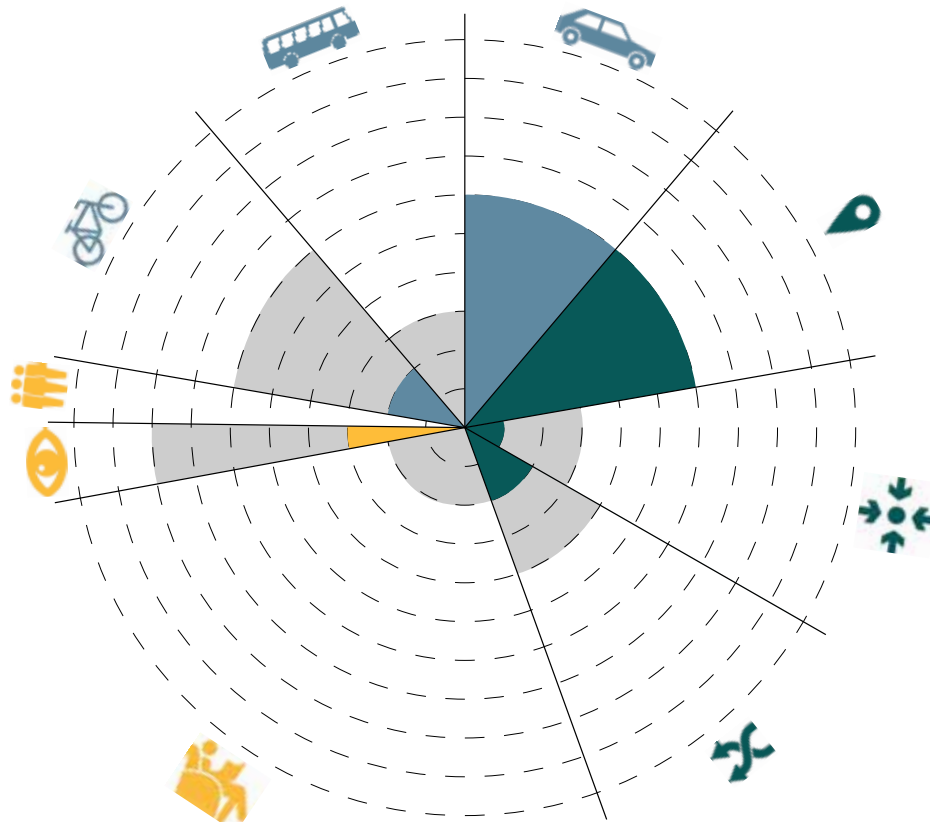
Experience value

Comfort		Ambient elements		Social elements	
Heated waiting	Partially	Type of architecture	Modern -classic	Presence of personnel	Yes
Sheltered waiting	Partially	Looked after	2000		
Television screens	No				
Free newspaper	Yes				
Wi-Fi	No				
Supermarket	0				
Stores	0				
Restaurants	2				
Toilets	Yes				



Schiedam Nieuwland

Public transport quarter



Node value



Slow traffic

PT-bike rental	No
Railway crossing	Yes
Bicycle parking	414
Local roads	26



Public transport

Boarding/alighting	4368
Train/hour	8
Metro/hour	0
Bus/hour	2
Tram/hour	8



Roads

Parking places	66
Freeway exit	1
Directions:	
Regional road	1
Freeway	3

Place value



Proximity

Intensity 300m	7496
Intensity 1200m	38415



Intensity

Residents	30605
Employees	6246
Visitors	1564



Mixture

20%

Experience value



Comfort

Heated waiting	No
Sheltered waiting	No
Television screens	No
Free newspaper	Yes
Wi-Fi	No
Supermarket	0
Stores	0
Restaurants	0
Toilets	No



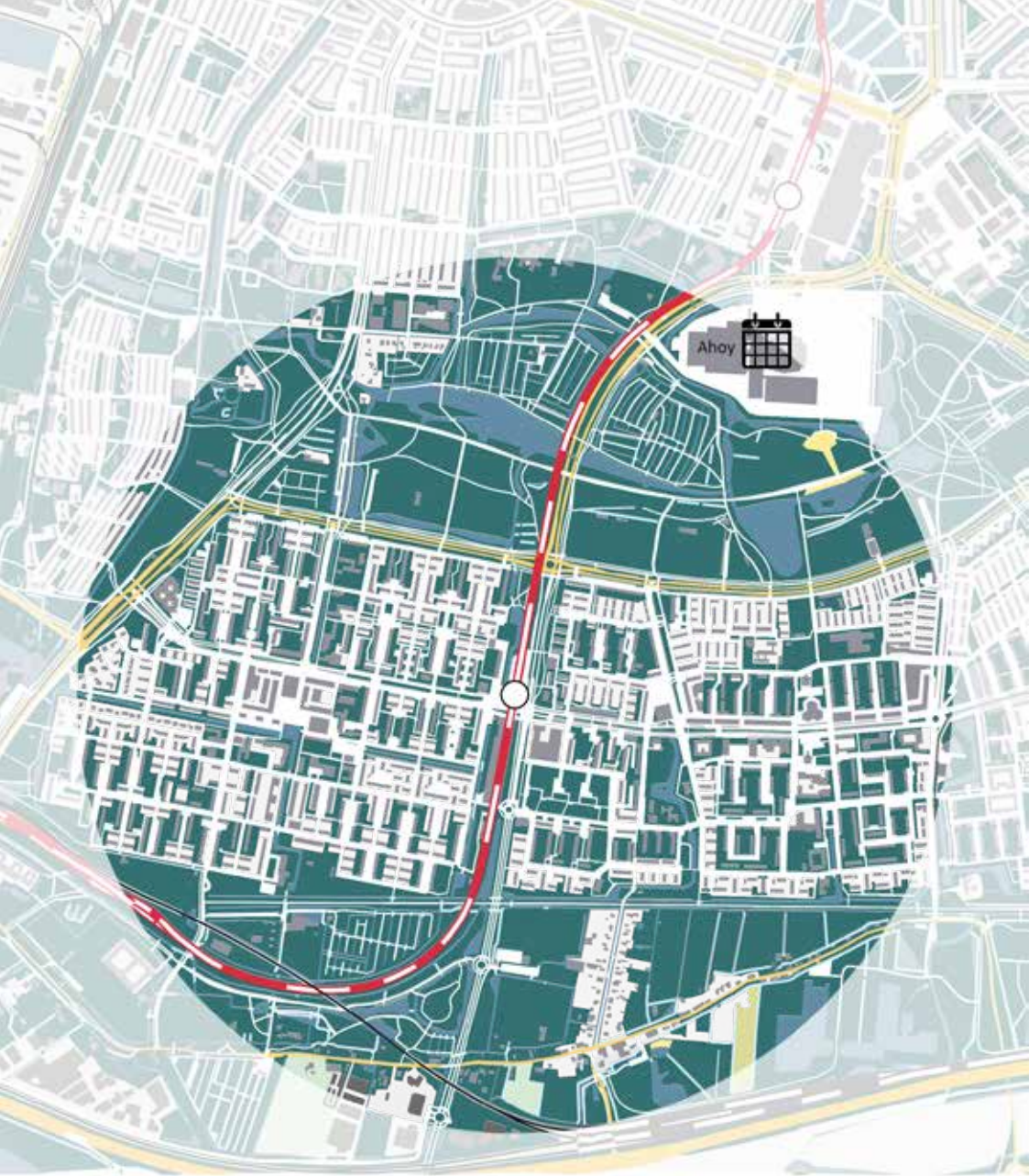
Ambient elements

Type of architecture	Homely
Looked after	1975



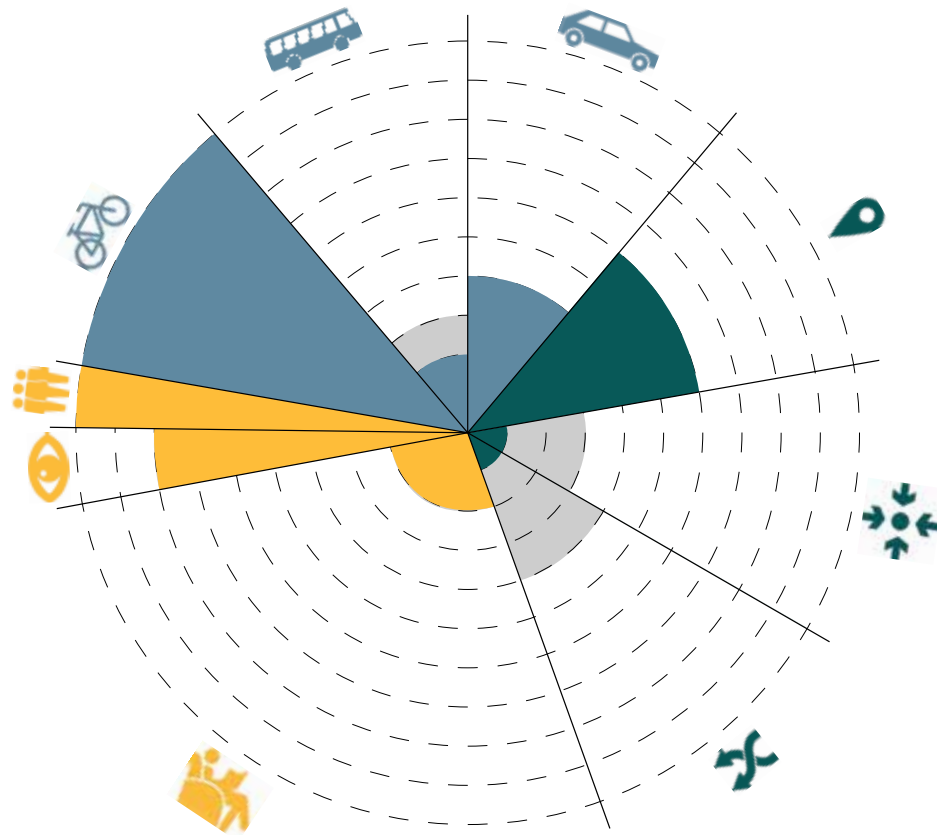
Social elements

Presence of personnel	No
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Slinge

Centre village



Node value



Slow traffic

PT-bike rental	No
Railway crossing	Yes
Bicycle parking	374
Local roads	76



Public transport

Boarding/alighting	17000
Train/hour	0
Metro/hour	12
Bus/hour	17
Tram/hour	0



Roads

Parking places	849
Freeway exit	0
Directions:	
Regional road	3
Freeway	3

Place value



Proximity

Intensity 300m	4936
Intensity 1200m	26027



Intensity

Residents	22575
Employees	3452
Visitors	0



Mixture

15%

Experience value



Comfort

Heated waiting	No
Sheltered waiting	Partially
Television screens	No
Free newspaper	Yes
Wi-Fi	No
Supermarket	0
Stores	0
Restaurants	0
Toilets	Yes



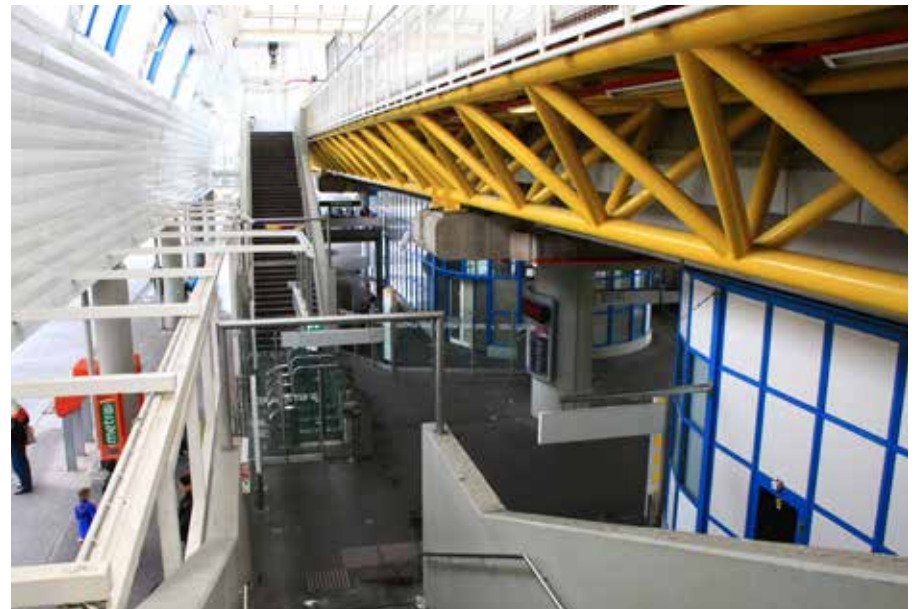
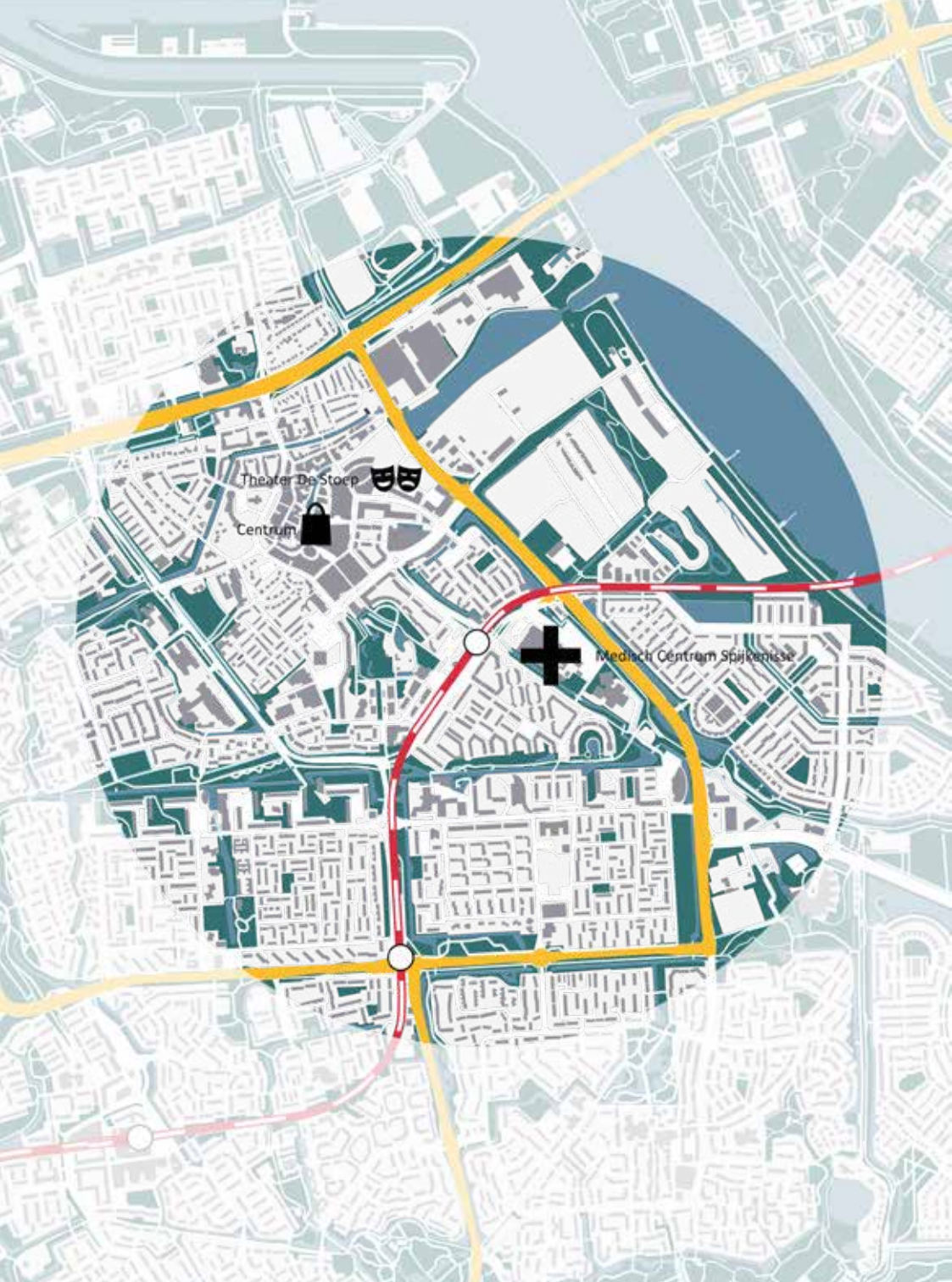
Ambient elements

Type of architecture	Homely
Looked after	2009



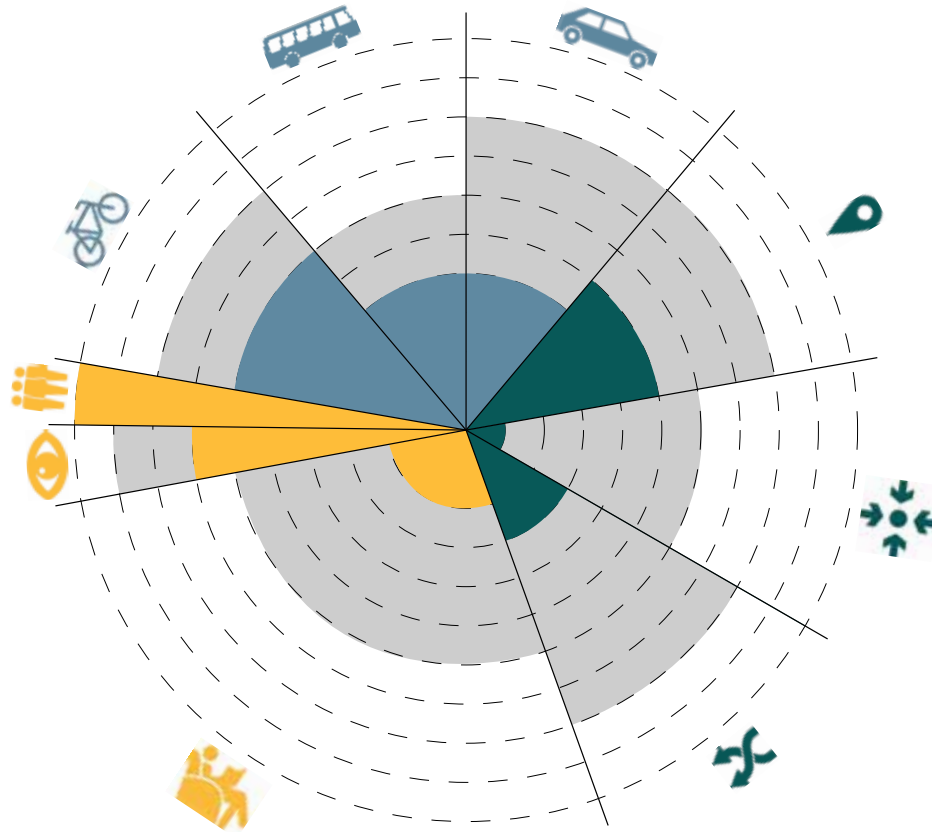
Social elements

Presence of personnel	Yes
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Spijkensisse Centrum

Regional centre



Node value

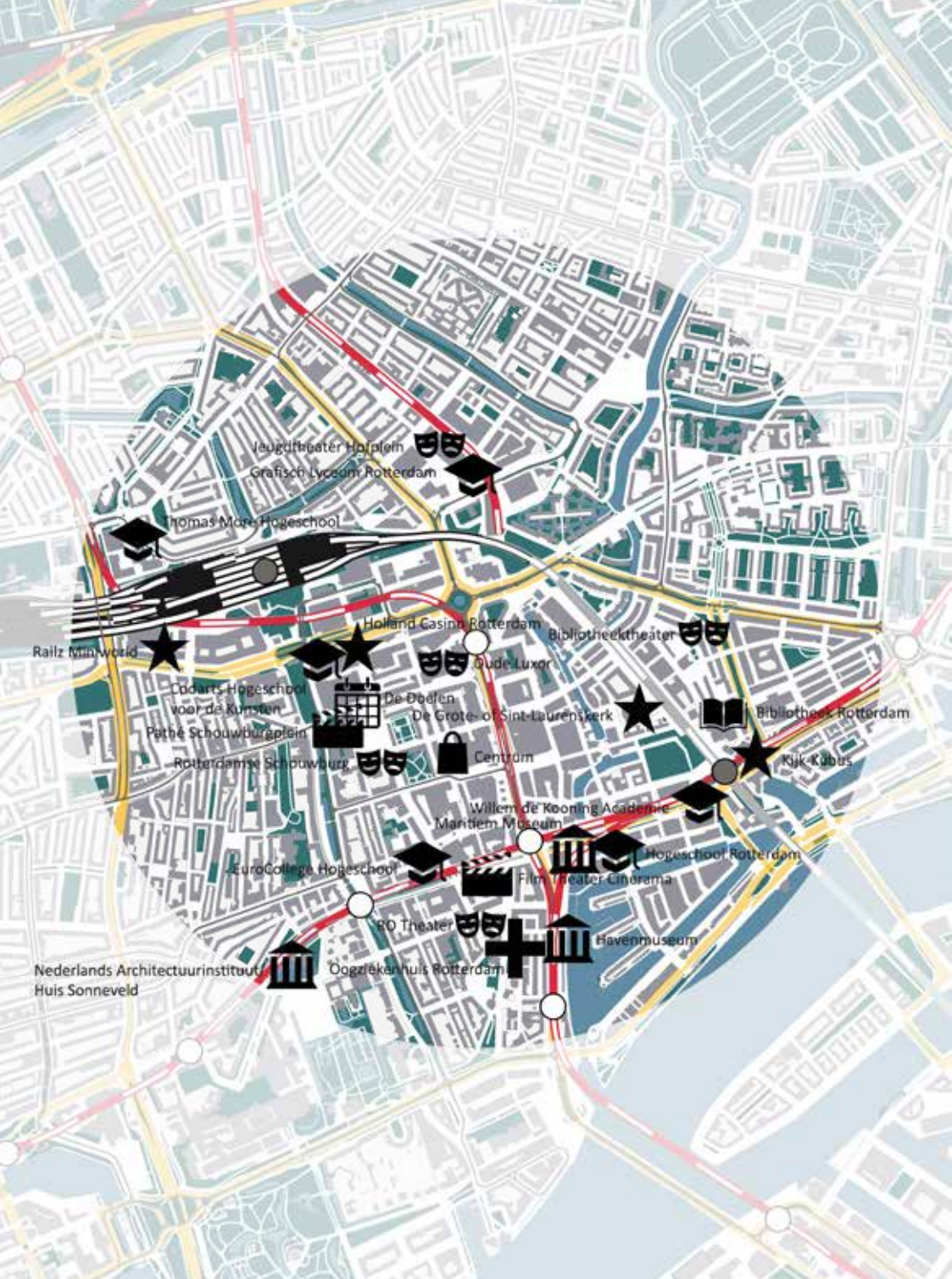
Slow traffic		Public transport		Roads	
PT-bike rental	Yes	Boarding/alighting	17400	Parking places	201
Railway crossing	Yes	Train/hour	0	Freeway exit	0
Bicycle parking	522	Metro/hour	18	Directions:	
Local roads	32	Bus/hour	40	Regional road	6
		Tram/hour	0	Freeway	1

Place value

Proximity		Intensity		Mixture	
Intensity 300m	8026	Residents	27690		
Intensity 1200m	47719	Employees	8316		
		Visitors	11713		
					30%

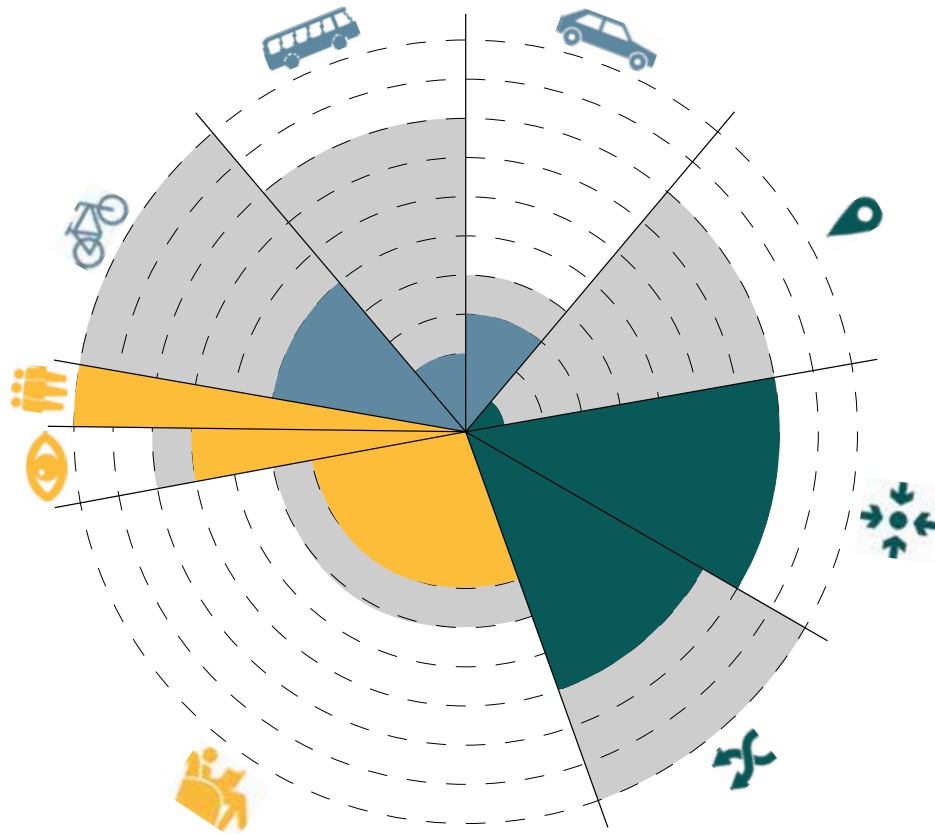
Experience value

Comfort		Ambient elements		Social elements	
Heated waiting	No	Type of architecture	Homely	Presence of personnel	Yes
Sheltered waiting	Partially	Looked after	2000		
Television screens	No				
Free newspaper	Yes				
Wi-Fi	No				
Supermarket	0				
Stores	0				
Restaurants	0				
Toilets	Yes				






Stadhuis




City centre






Node value

					
Slow traffic	113	Public transport	837	Roads	188
PT-bike rental	No	Boarding/alighting	14600	Parking places	0
Railway crossing	Yes	Train/hour	0	Freeway exit	0
Bicycle parking	166	Metro/hour	18	Directions:	
Local roads	42	Bus/hour	0	Regional road	3
		Tram/hour	16	Freeway	3

Place value

					
Proximity	7.1	Intensity	367	Mixture	69%
Intensity 300m	11731	Residents	85050		
Intensity 1200m	165914	Employees	59049		
		Visitors	21815		

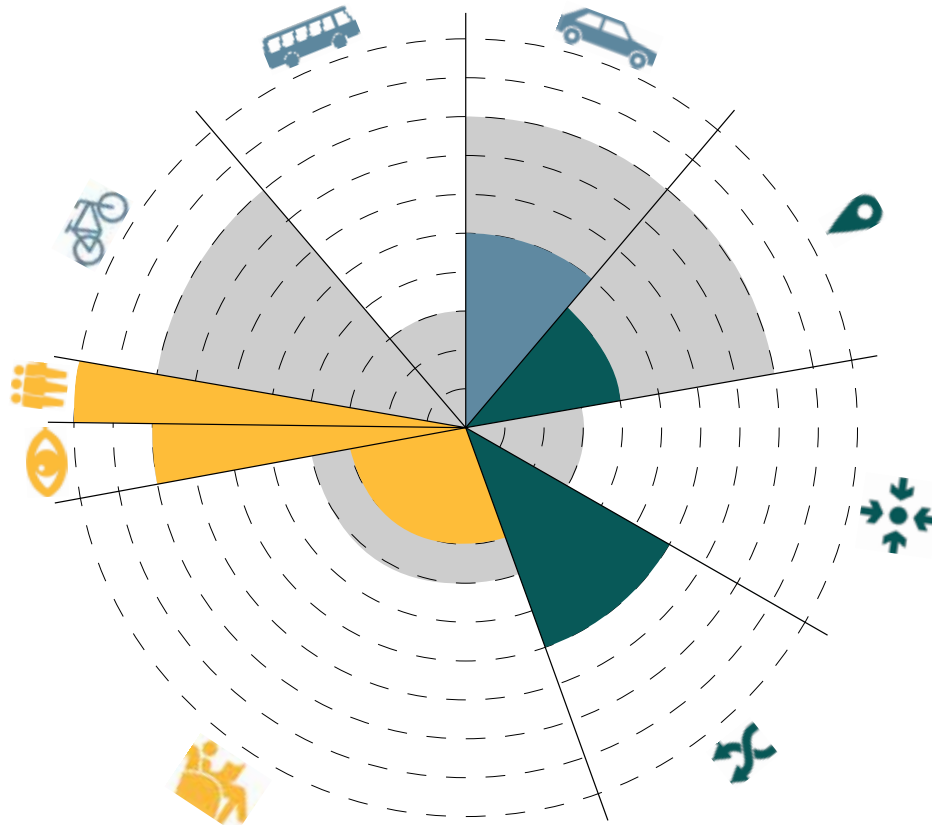
Experience value

					
Comfort	0.4	Ambient elements	0.1	Social elements	0.1
Heated waiting	Partially	Type of architecture	Homely	Presence of personnel	Yes
Sheltered waiting	Yes	Looked after	2000		
Television screens	No				
Free newspaper	Yes				
Wi-Fi	No				
Supermarket	0				
Stores	0				
Restaurants	0				
Toilets	Yes				



Vijfsluizen

Gate quarter



Node value



Slow traffic

PT-bike rental	No
Railway crossing	Yes
Bicycle parking	254
Local roads	15



Public transport

Boarding/alighting	9400
Train/hour	0
Metro/hour	6
Bus/hour	9
Tram/hour	0



Roads

Parking places	88
Freeway exit	1
Directions:	
Regional road	0
Freeway	3

Place value



Proximity

Intensity 300m	3204
Intensity 1200m	20790



Intensity

Residents	17380
Employees	7762
Visitors	0



Mixture

45%

Experience value



Comfort

Heated waiting	No
Sheltered waiting	Yes
Television screens	No
Free newspaper	Yes
Wi-Fi	No
Supermarket	0
Stores	1
Restaurants	1
Toilets	Yes



Ambient elements

Type of architecture	Homely
Looked after	1956



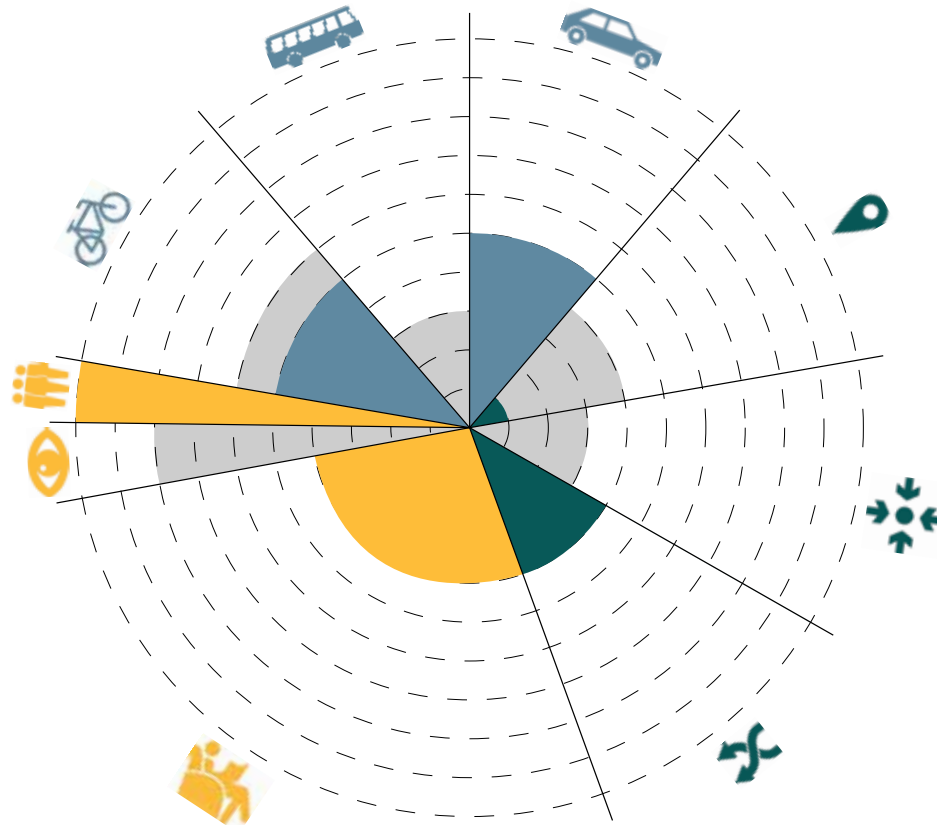
Social elements

Presence of personnel	Yes
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Vlaardingen Oost

Public transport quarter



Node value



Slow traffic

PT-bike rental	Yes	114
Railway crossing	Yes	420
Bicycle parking	26	
Local roads		



Public transport

Boarding/alighting	5147
Train/hour	8
Metro/hour	0
Bus/hour	9
Tram/hour	0



Roads

Parking places	0	238
Freeway exit	1	
Directions:		
Regional road	0	
Freeway	3	

Place value



Proximity

Intensity 300m	1687	6.7
Intensity 1200m	25142	



Intensity

Residents	17380	56
Employees	7762	
Visitors	0	



Mixture

45%

Experience value



Comfort

Heated waiting	No	0.4
Sheltered waiting	Yes	
Television screens	No	
Free newspaper	Yes	
Wi-Fi	No	
Supermarket	0	
Stores	1	
Restaurants	1	
Toilets	Yes	



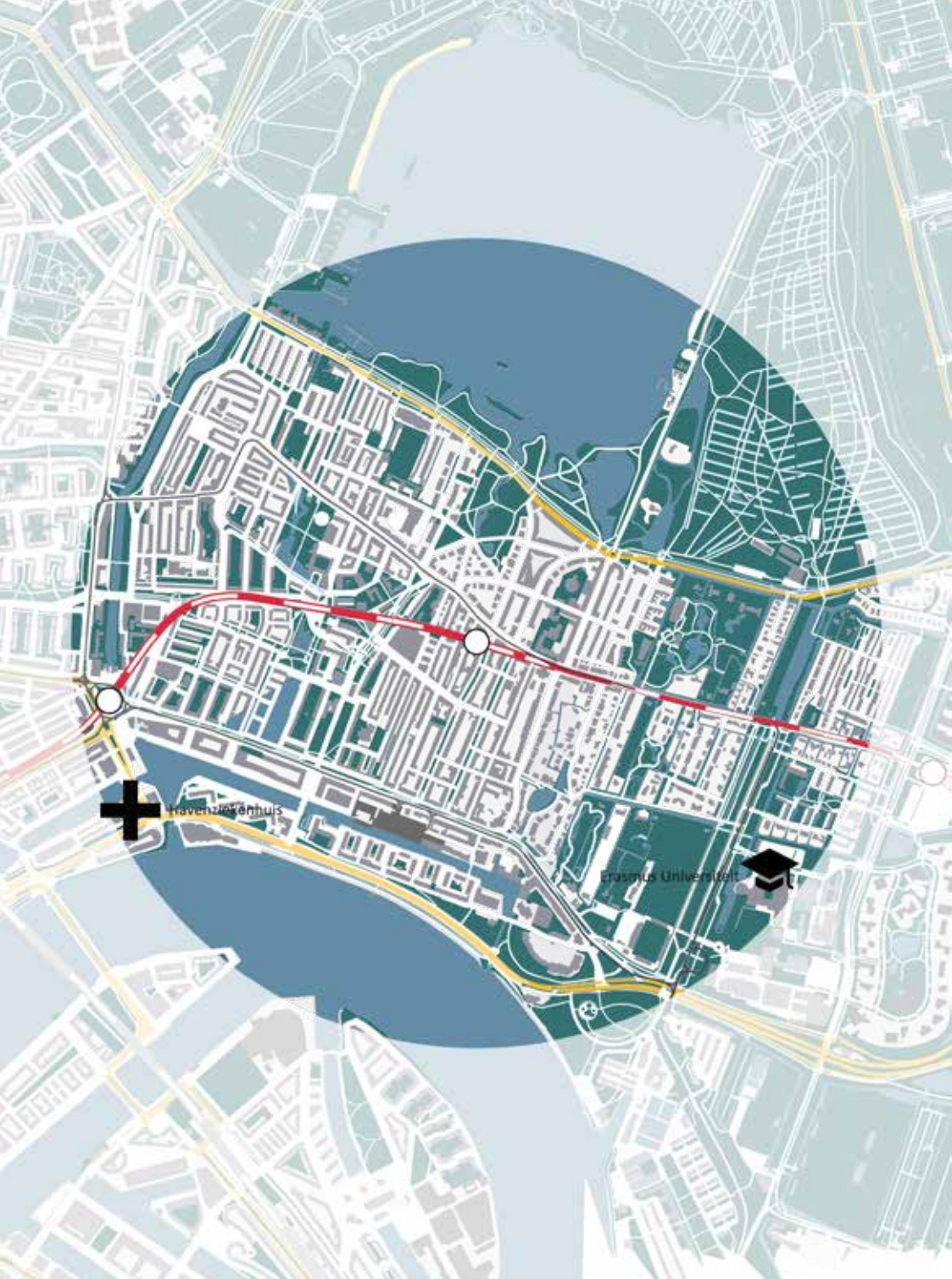
Ambient elements

Type of architecture	Homely	0.0
Looked after	1956	



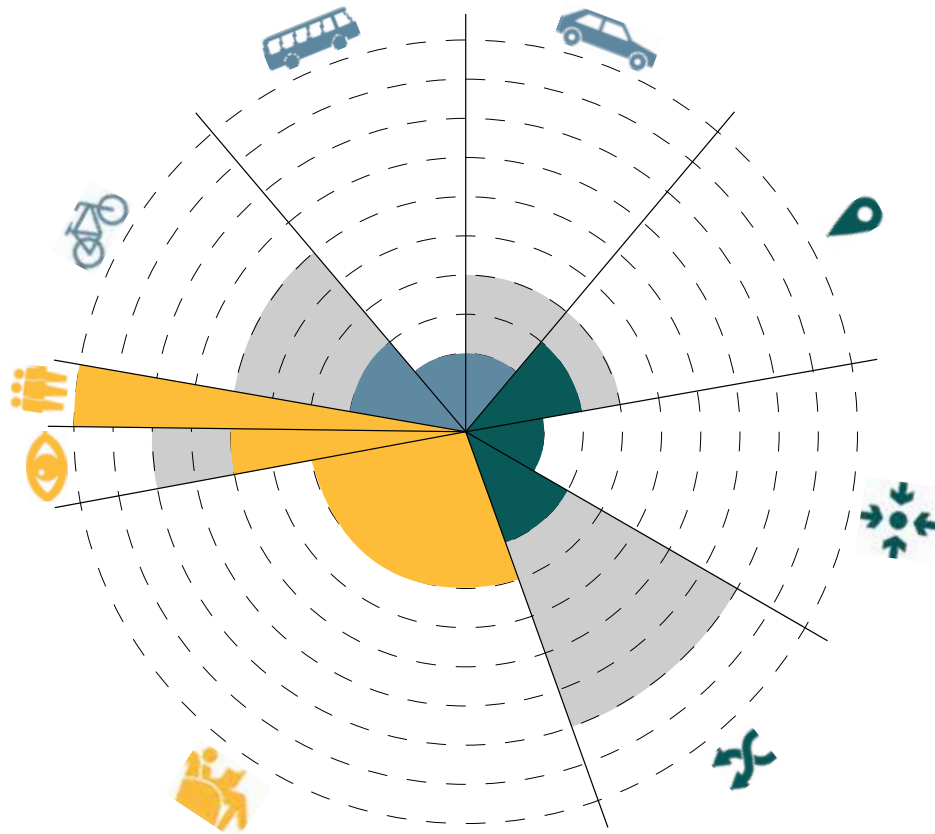
Social elements

Presence of personnel	Yes	0.1
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Voorschoterlaan

Centre village



Node value



Slow traffic

PT-bike rental	No
Railway crossing	Yes
Bicycle parking	154
Local roads	35



Public transport

Boarding/alighting	8600
Train/hour	0
Metro/hour	18
Bus/hour	0
Tram/hour	6



Roads

Parking places	0
Freeway exit	0
Directions:	
Regional road	1
Freeway	2

Place value



Proximity

Intensity 300m	6862
Intensity 1200m	57824



Intensity

Residents	41200
Employees	12184
Visitors	4440



Mixture

30%

Experience value



Comfort

Heated waiting	Partially
Sheltered waiting	Yes
Television screens	No
Free newspaper	Yes
Wi-Fi	No
Supermarket	0
Stores	0
Restaurants	0
Toilets	Yes



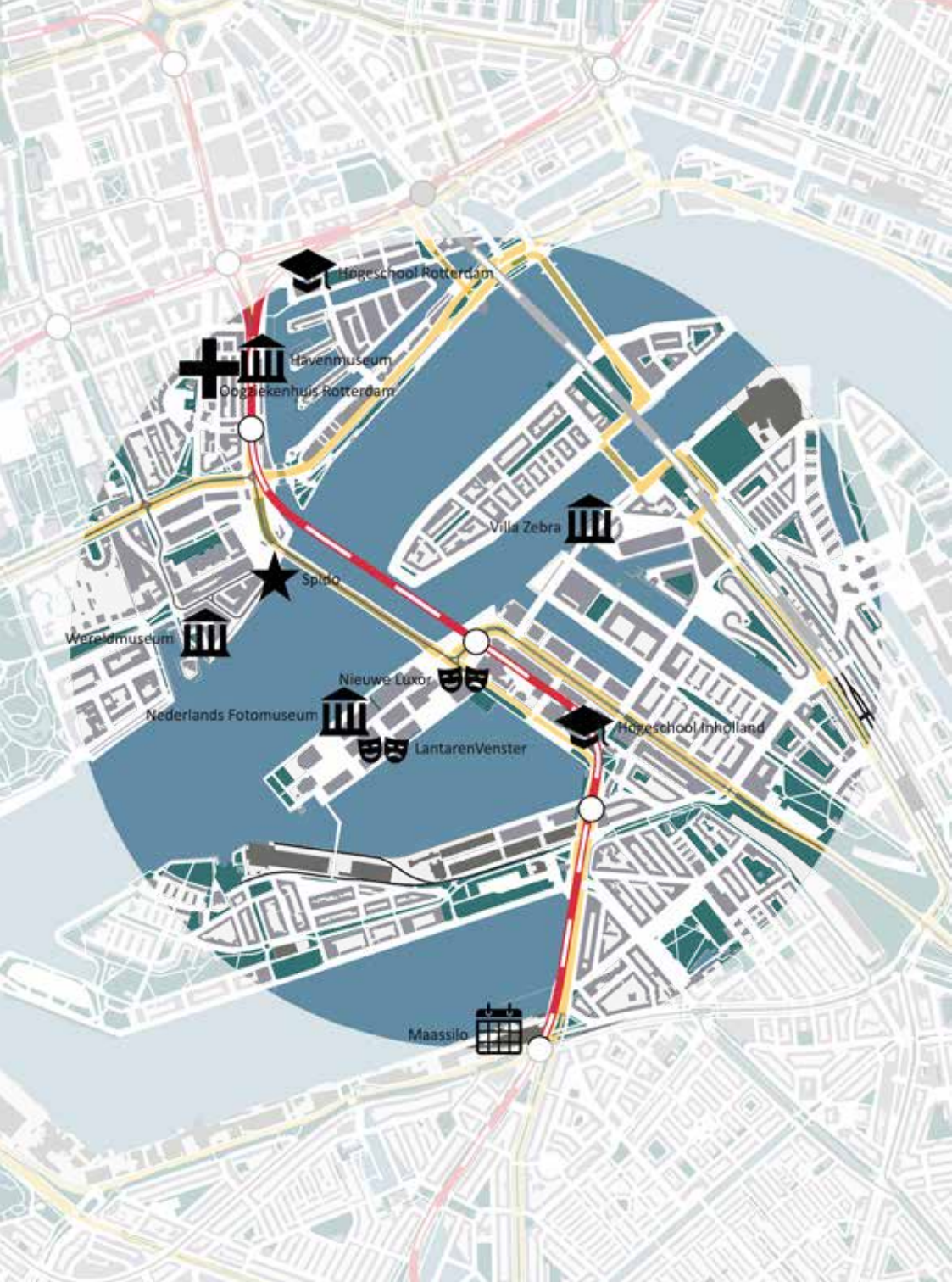
Ambient elements

Type of architecture	Homely
Looked after	1997



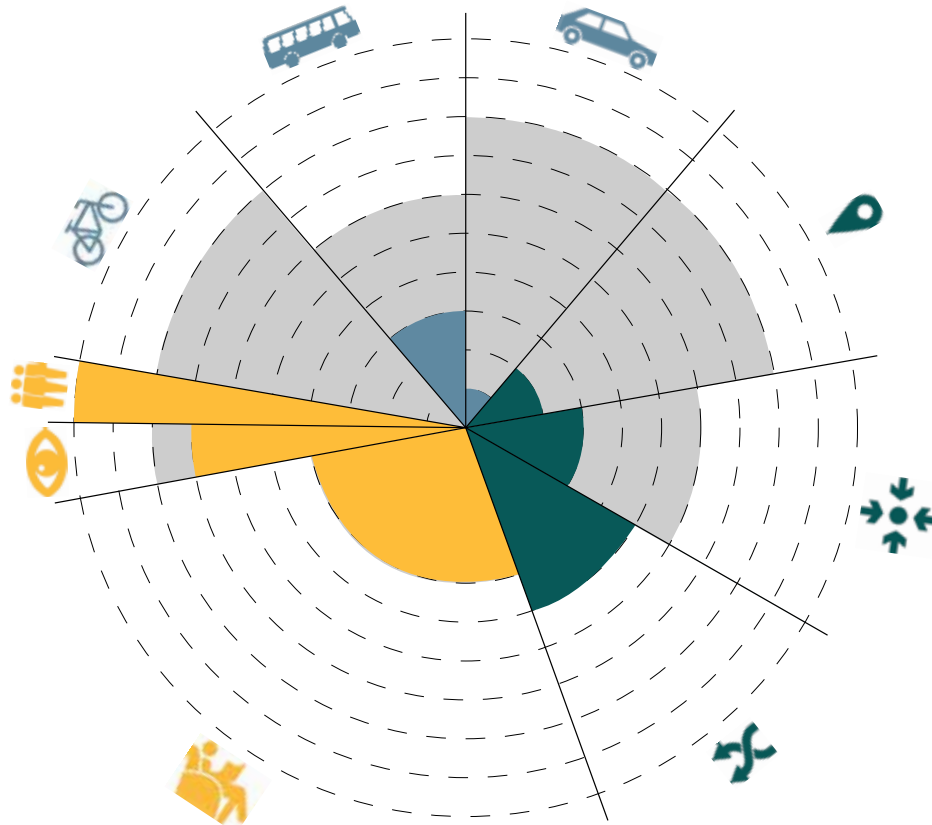
Social elements

Presence of personnel	Yes
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Wilhelminaplein

Modern city



Node value



Slow traffic

PT-bike rental	No
Railway crossing	Yes
Bicycle parking	26
Local roads	14



Public transport

Boarding/alighting	27400
Train/hour	0
Metro/hour	18
Bus/hour	0
Tram/hour	24



Roads

Parking places	0
Freeway exit	0
Directions:	
Regional road	2
Freeway	1

Place value



Proximity

Intensity 300m	8276
Intensity 1200m	85689



Intensity

Residents	47560
Employees	25753
Visitors	12376



Mixture

54%

Experience value



Comfort

Heated waiting	Partially
Sheltered waiting	Yes
Television screens	No
Free newspaper	Yes
Wi-Fi	No
Supermarket	0
Stores	0
Restaurants	0
Toilets	Yes



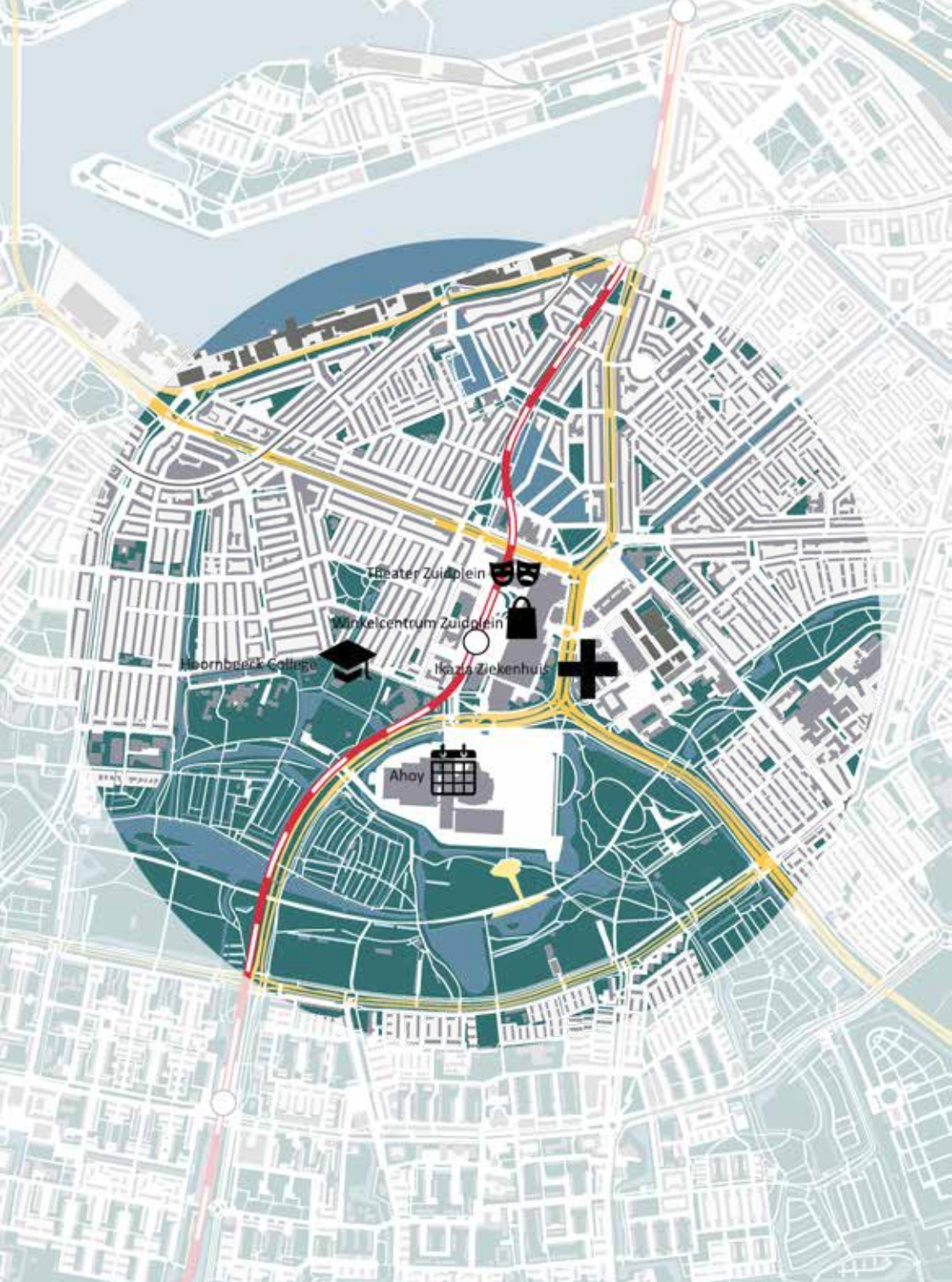
Ambient elements

Type of architecture	Modern -classic
Looked after	1995



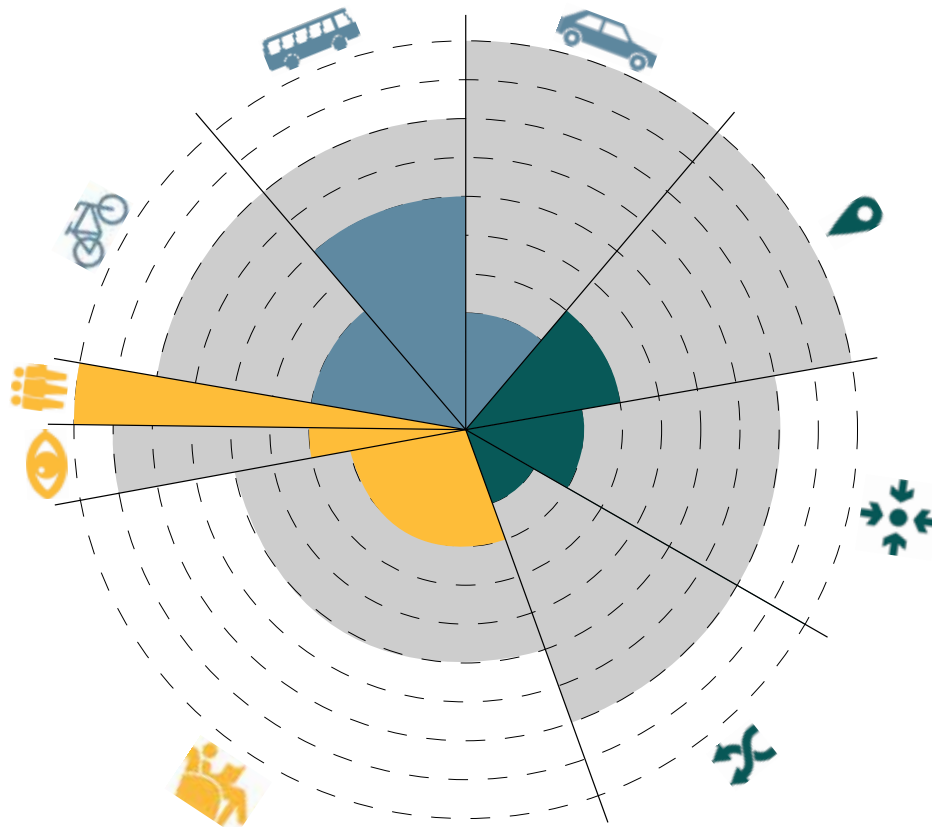
Social elements

Presence of personnel	Yes
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Zuidplein




Metropolitan centre






Node value

					
Slow traffic	105	Public transport	1480	Roads	175
PT-bike rental	Yes	Boarding/alighting	77281	Parking places	0
Railway crossing	Yes	Train/hour	0	Freeway exit	0
Bicycle parking	598	Metro/hour	18	Directions:	
Local roads	20	Bus/hour	106	Regional road	4
		Tram/hour	0	Freeway	1

Place value

					
Proximity	17.6	Intensity	153	Mixture	26%
Intensity 300m	12174	Residents	45565		
Intensity 1200m	69278	Employees	11906		
		Visitors	11807		

Experience value

					
Comfort	0.3	Ambient elements	0.0	Social elements	0.1
Heated waiting	No	Type of architecture	Homely	Presence of personnel	Yes
Sheltered waiting	Partially	Looked after	1983		
Television screens	No				
Free newspaper	Yes				
Wi-Fi	No				
Supermarket	0				
Stores	2				
Restaurants	3				
Toilets	Yes				