VISTA NOTTURNA DA PIAZZA DUOMO

APPROCCIO STRATEGICO

APPROCCIO PROGETTUALE "NZE"

La progettazione viene appiacciata nell'ottica NZEB (Edifici a energia quasi zero), così come previsto dalla normativa attualmente in vigore, valutando la disponibilità di risorse rinnovabili in sito e massimizzandone l'utilizzo, migliorando le strategie passive e lasciando agli impianti il compito di coprire il restante fabbisogno energetico.

ANALISI MICROCLIMATICA

SECONDO PIANO INTERRATO

PIANO PRIMO

PIANO INTERRATO

PIANO TERRA

PIANO MEZZANINO

PIANO PRIMO

PIANO SECONDO

PIANO TERZO

PIANO QUARTO

STRATEGIA ENERGETICA: IMPIANTI ELETTRICI, SPECIALI BMS

STRATEGIA ENERGETICA: IMPIANTI MECCANICI

STRATEGIA ENERGETICA E SOSTENIBILITA' AMBIENTALE

STRATEGIA E CERTIFICAZIONE LEED

LEED v4 for BD+C: New Construction and Major Renovation Project Checklist

Y	?	N	Credit	Integrative Process	1
15	0	18	16	Location and Transportation	16
1	1	16	16	LEED for Neighborhood Development Location	16
2	1	15	15	Sensitive Land Protection	1
2	1	14	14	High Priority Site	2
5	1	13	13	Surrounding Density and Diverse Uses	5
5	1	12	12	Access to Quality Transit	5
1	1	11	11	Bicycle Facilities	1
1	1	10	10	Reduced Parking Footprint	1
1	1	9	9	Green Vehicles	1
2	0	8	10	Sustainable Sites	10
1	1	7	7	Construction Activity Pollution Prevention	1
1	1	6	6	Site Assessment	1
2	1	5	5	Site Development - Protect or Restore Habitat	2
1	1	4	4	Open Space	1
3	1	3	3	Rainwater Management	3
2	1	2	2	Heat Island Reduction	2
1	1	1	1	Light Pollution Reduction	1
6	0	5	11	Water Efficiency	11
1	1	4	4	Outdoor Water Use Reduction	1
1	1	3	3	Indoor Water Use Reduction	1
1	1	2	2	Building-Level Water Metering	1
2	1	1	1	Outdoor Water Use Reduction	2
3	1	0	0	Indoor Water Use Reduction	3
1	1	0	0	Cooling Tower Water Use	1
1	1	0	0	Water Metering	1
8	6	19	33	Energy and Atmosphere	33
1	1	18	18	Fundamental Commissioning and Verification	1
1	1	17	17	Minimum Energy Performance	1
1	1	16	16	Building-Level Energy Metering	1
1	1	15	15	Fundamental Refrigerant Management	1
3	3	12	12	Enhanced Commissioning	3
6	1	11	11	Optimize Energy Performance	6
1	1	10	10	Advanced Energy Metering	1
1	1	9	9	Demand Response	1
3	1	8	8	Renewable Energy Production	3
1	1	7	7	Enhanced Refrigerant Management	1
2	1	6	6	Green Power and Carbon Offsets	2
7	2	5	13	Materials and Resources	13
1	1	4	4	Storage and Collection of Recyclables	1
1	1	3	3	Construction and Demolition Waste Management Planning	1
3	1	2	2	Building Life-Cycle Impact Reduction	3
1	1	1	1	Building Product Disclosure and Optimization - Environmental Product Declarations	1
1	1	0	0	Building Product Disclosure and Optimization - Sourcing of Raw Materials	1
2	1	0	0	Building Product Disclosure and Optimization - Material Ingredients	2
1	1	0	0	Construction and Demolition Waste Management	1
9	5	2	16	Indoor Environmental Quality	16
1	1	15	15	Minimum Indoor Air Quality Performance	1
1	1	14	14	Environmental Tobacco Smoke Control	1
2	1	13	13	Enhanced Indoor Air Quality Strategies	2
2	1	12	12	Low-Emitting Materials	2
1	1	11	11	Construction Indoor Air Quality Management Plan	1
2	1	10	10	Indoor Air Quality Assessment	2
1	1	9	9	Thermal Comfort	1
1	1	8	8	Interior Lighting	1
2	1	7	7	Daylight	2
1	1	6	6	Quality Views	1
1	1	5	5	Acoustic Performance	1
6	0	0	6	Innovation	6
5	1	0	0	Innovation	5
1	1	0	0	LEED Accredited Professional	1
3	1	0	4	Regional Priority	4
1	1	3	3	Regional Priority: Sensitive Land Protection	1
1	1	2	2	Regional Priority: Reduced Parking Footprint	1
1	1	1	1	Regional Priority: Outdoor Water Use Reduction	1
1	1	0	0	Regional Priority: Daylight	1
57	14	57	110	TOTALS	110

Certified: 40 to 49 points, Silver: 50 to 59 points, Gold: 60 to 79 points, Platinum: 80 to 110