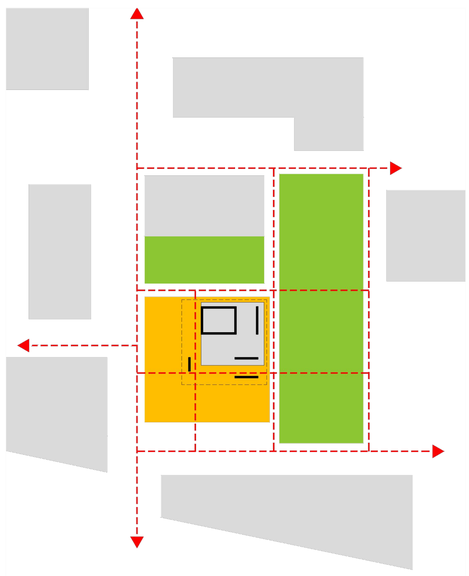
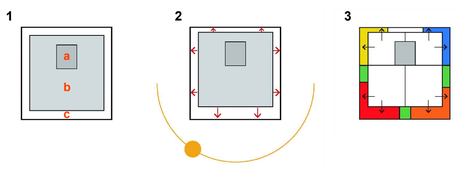
CONCORSO DI PROGETTAZIONE - BOLZANO PRATI DI GRIES - EDIFICIO RESIDENZIALE MULTIPIANO IN LEGNO

3GN3AV



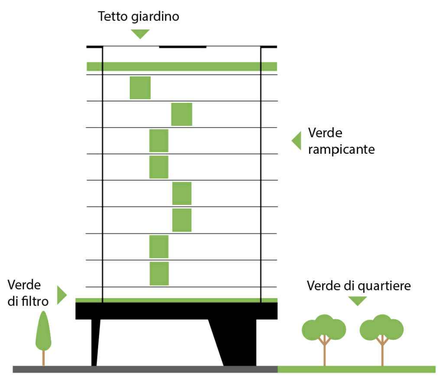
RELAZIONI URBANE



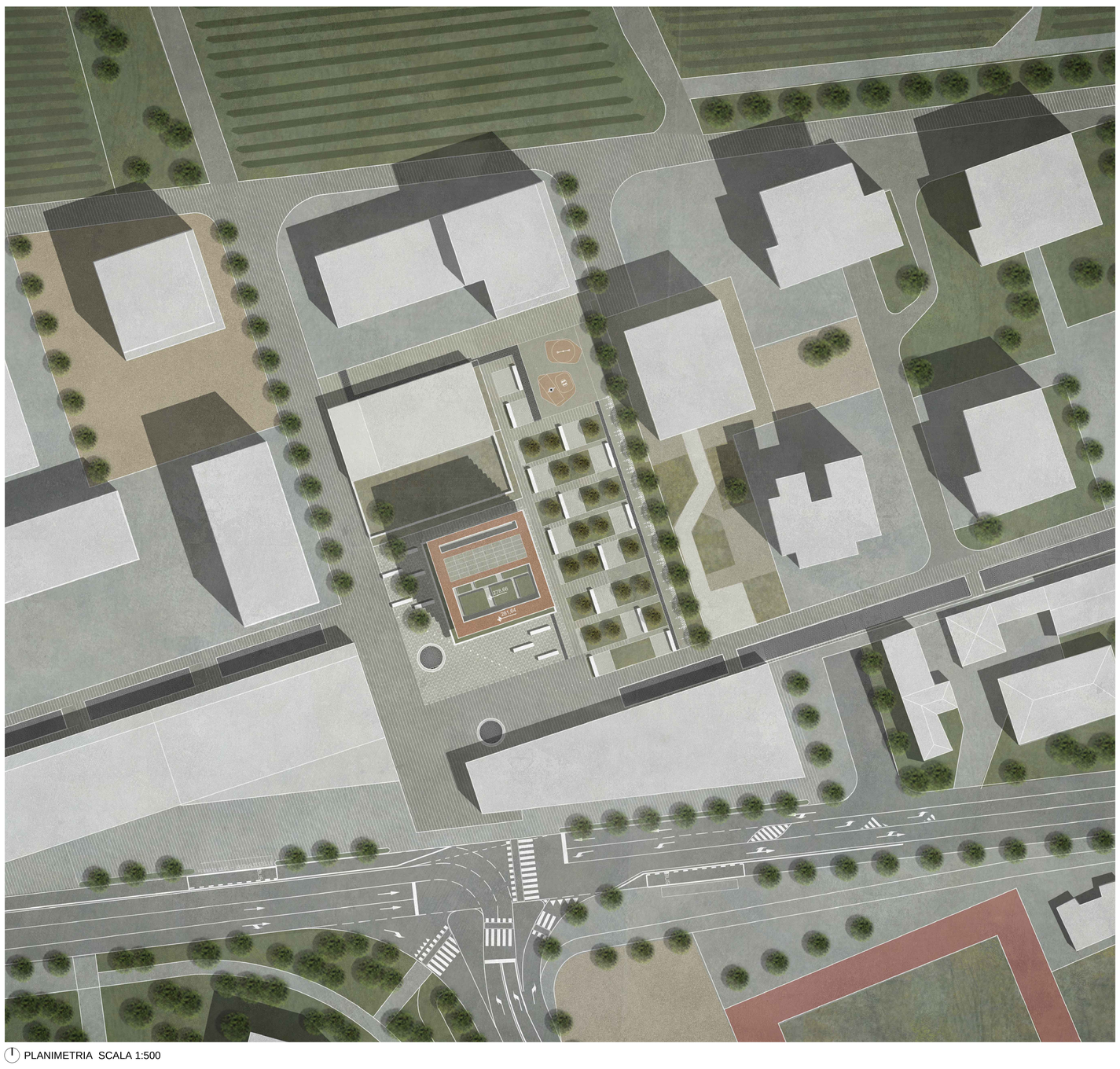
SISTEMA CONCENTRICO
forma compatta
a. nucleo distributivo
b. corpo interno
c. anello esterno

SLITTAMENTO ORIZZONTALE
sbilanciamento dei piani in relazione all'orientamento

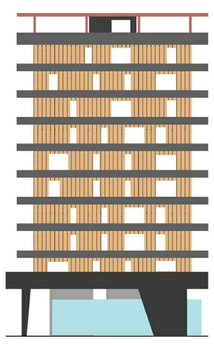
SVUOTAMENTO VERTICALE
attraversamento ascendente del verde a favore della privacy



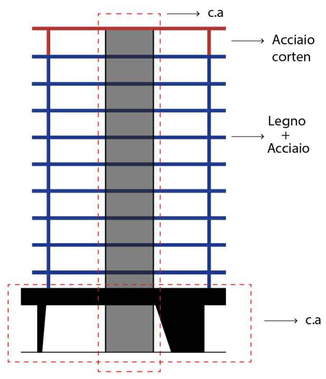
VERDE



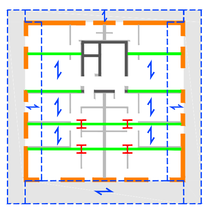
PLANIMETRIA SCALA 1:500



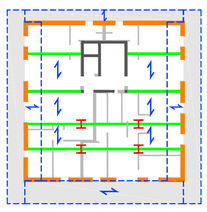
MATERIALI



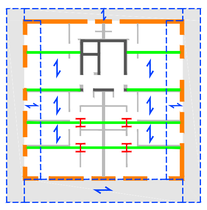
CONCEZIONE STRUTTURALE



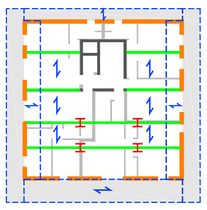
P2



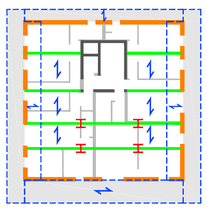
P3 - P4 - P7



P5 - P6 - P9

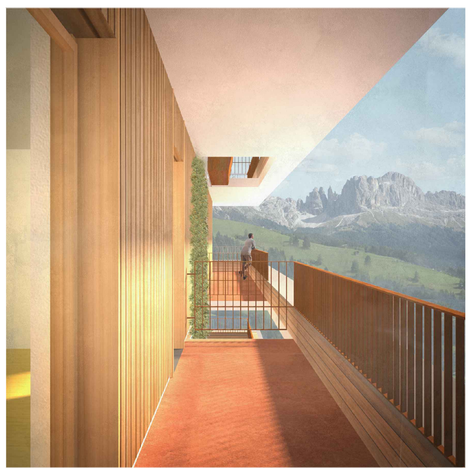


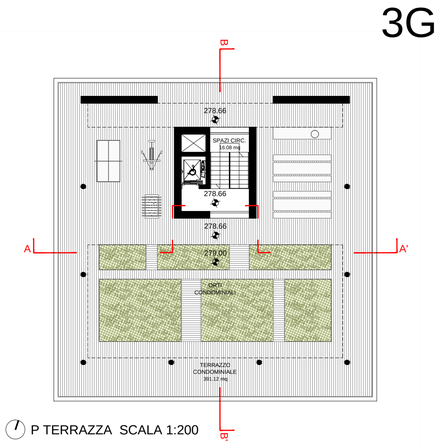
P8



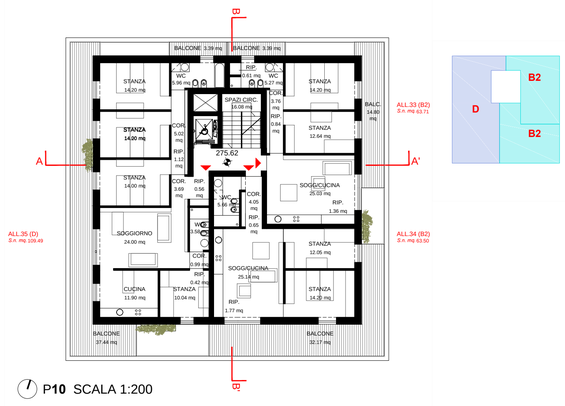
P10

SISTEMA STRUTTURALE

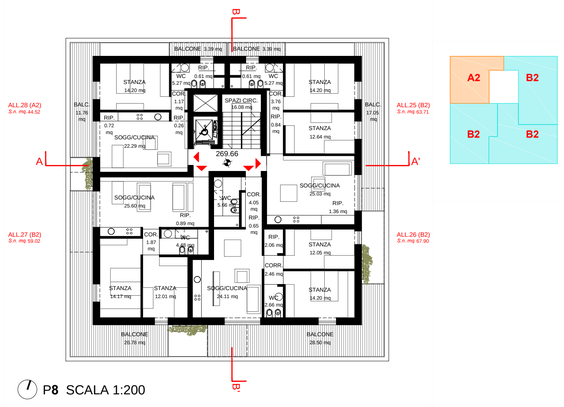




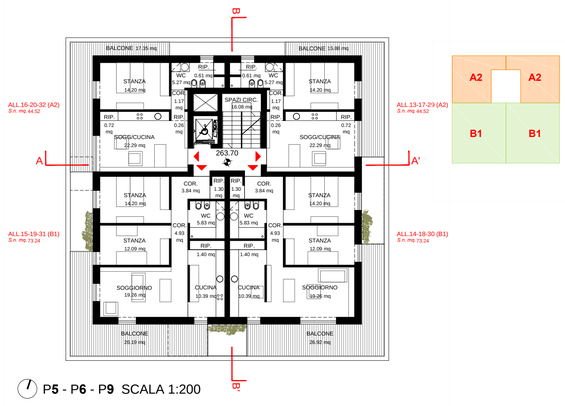
P TERRAZZA SCALA 1:200



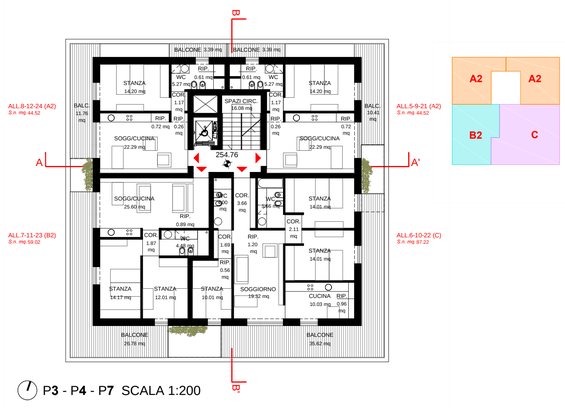
P10 SCALA 1:200



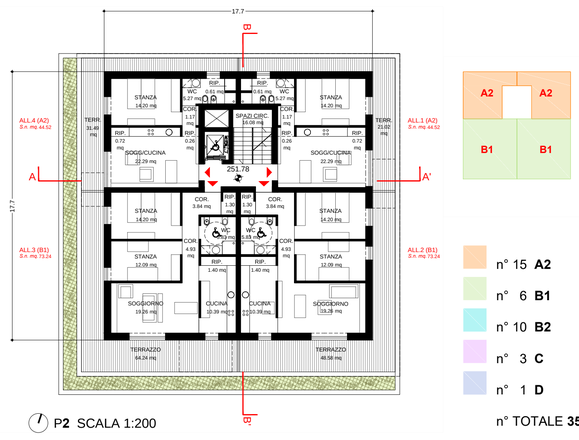
P8 SCALA 1:200



P5 - P6 - P9 SCALA 1:200

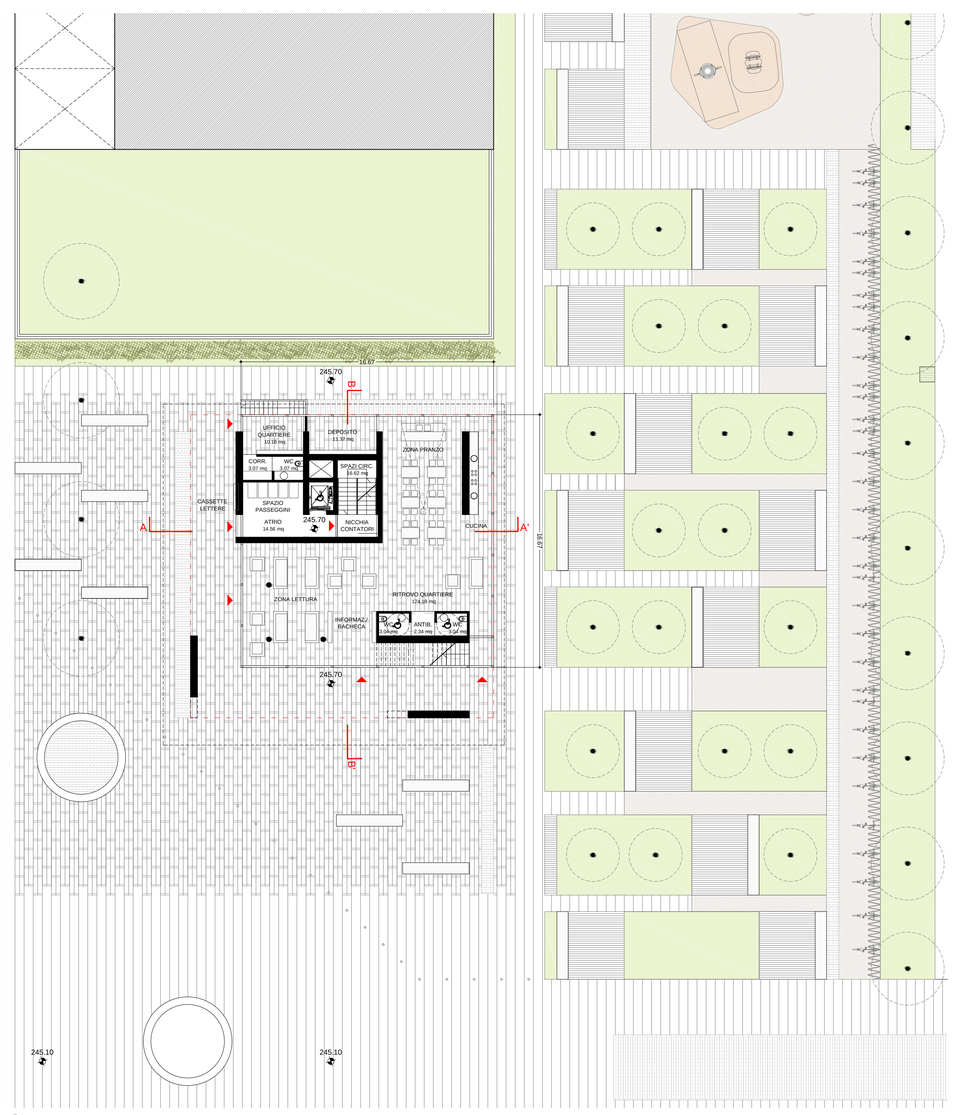


P3 - P4 - P7 SCALA 1:200

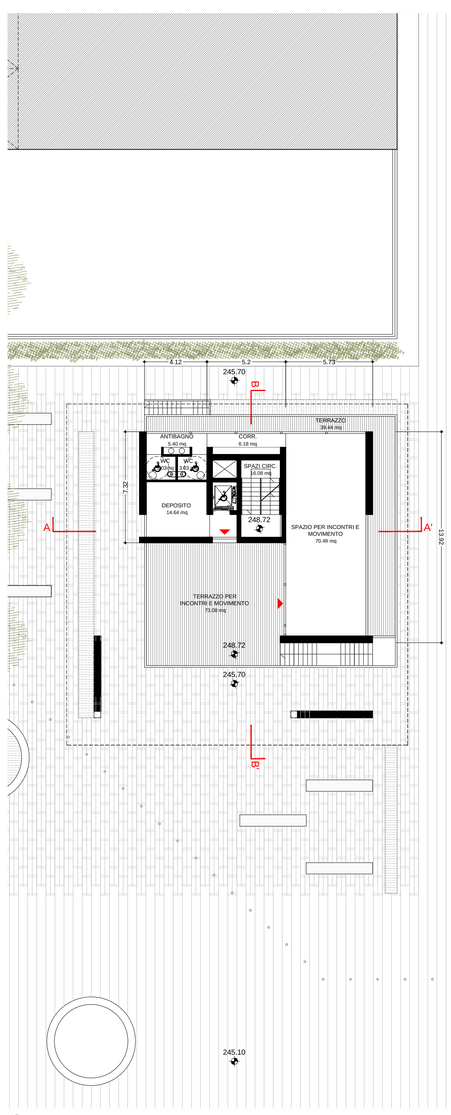


P2 SCALA 1:200

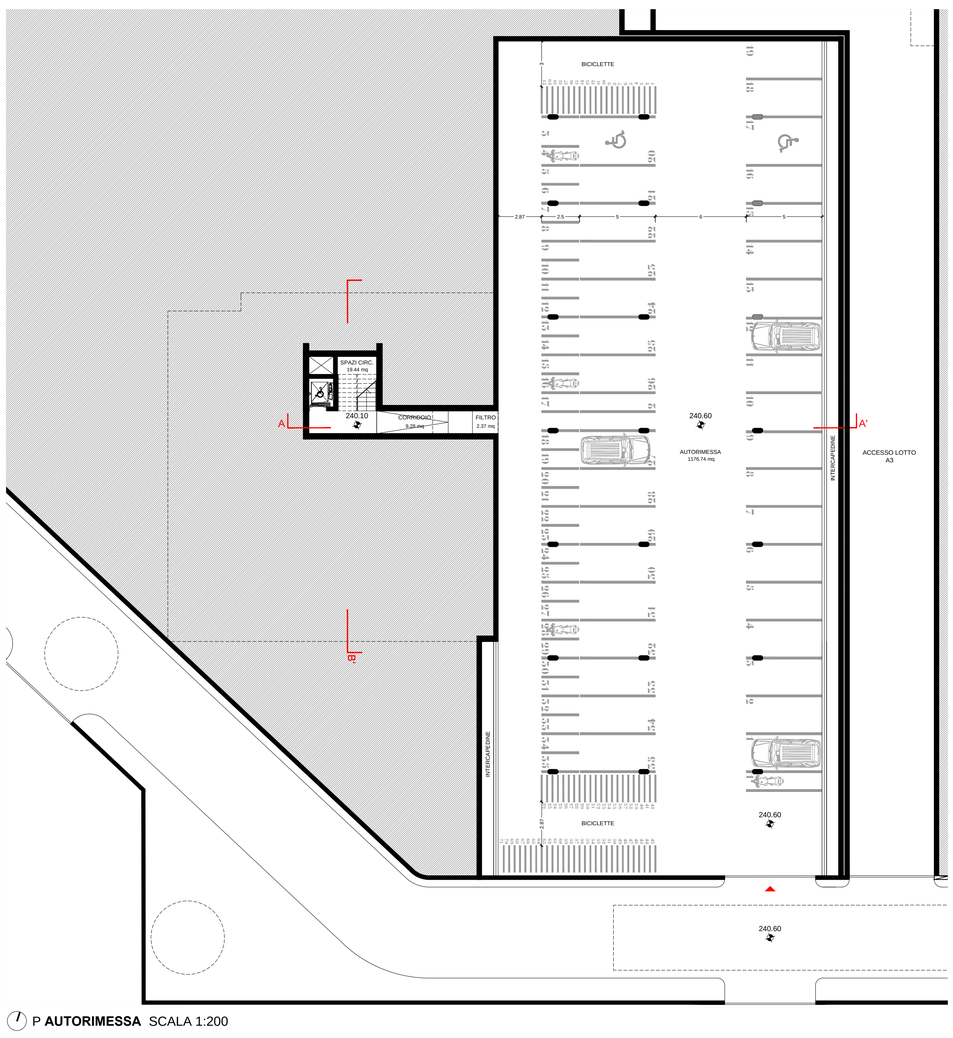
n° 15 **A2**
n° 6 **B1**
n° 10 **B2**
n° 3 **C**
n° 1 **D**
n° TOTALE **35**



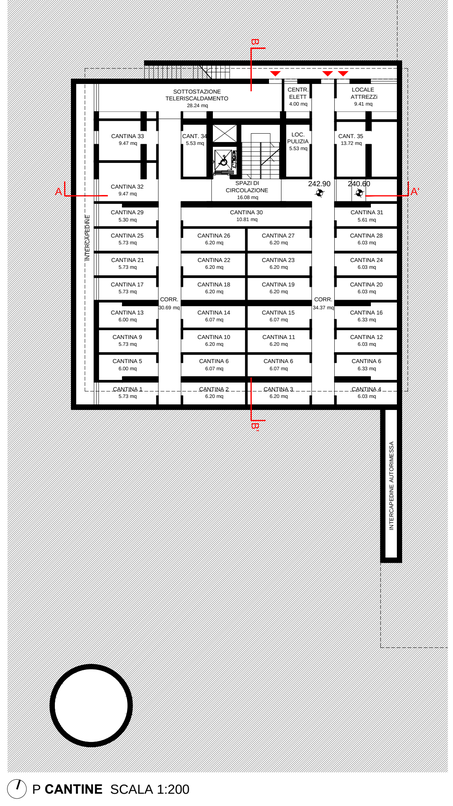
PT SCALA 1:200



P1 SCALA 1:200



P AUTORIMESSA SCALA 1:200



P CANTINE SCALA 1:200

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

Y	?	N			
1			Credit	Integrative Process	1
8	5	3		**Location and Transportation**	**16**
		0	Credit	LEED for Neighborhood Development Location	16
		1	Credit	Sensitive Land Protection	1
	1	1	Credit	High Priority Site	2
2	2	1	Credit	Surrounding Density and Diverse Uses	5
3	2		Credit	Access to Quality Transit	5
1			Credit	Bicycle Facilities	1
1			Credit	Reduced Parking Footprint	1
1			Credit	Green Vehicles	1
4	5	1		**Sustainable Sites**	**10**
Y			Prereq	Construction Activity Pollution Prevention	Required
	1		Credit	Site Assessment	1
	1	1	Credit	Site Development - Protect or Restore Habitat	2
1			Credit	Open Space	1
1	2		Credit	Rainwater Management	3
2			Credit	Heat Island Reduction	2
	1		Credit	Light Pollution Reduction	1
7	4	0		**Water Efficiency**	**11**
Y			Prereq	Outdoor Water Use Reduction	Required
Y			Prereq	Indoor Water Use Reduction	Required
Y			Prereq	Building-Level Water Metering	Required
2			Credit	Outdoor Water Use Reduction	2
3	3		Credit	Indoor Water Use Reduction	6
1	1		Credit	Cooling Tower Water Use	2
1			Credit	Water Metering	1
20	10	3		**Energy and Atmosphere**	**33**
Y			Prereq	Fundamental Commissioning and Verification	Required
Y			Prereq	Minimum Energy Performance	Required
Y			Prereq	Building-Level Energy Metering	Required
Y			Prereq	Fundamental Refrigerant Management	Required
3	3		Credit	Enhanced Commissioning	6
12	3	3	Credit	Optimize Energy Performance	18
1			Credit	Advanced Energy Metering	1
1	1		Credit	Demand Response	2
2	1		Credit	Renewable Energy Production	3
	1		Credit	Enhanced Refrigerant Management	1
1	1		Credit	Green Power and Carbon Offsets	2
7	6	0		**Materials and Resources**	**13**
Y			Prereq	Storage and Collection of Recyclables	Required
Y			Prereq	Construction and Demolition Waste Management Planning	Required
3	2		Credit	Building Life-Cycle Impact Reduction	5
1	1		Credit	Building Product Disclosure and Optimization - Environmental Product Declarations	2
1	1		Credit	Building Product Disclosure and Optimization - Sourcing of Raw Materials	2
1	1		Credit	Building Product Disclosure and Optimization - Material Ingredients	2
1	1		Credit	Construction and Demolition Waste Management	2
10	6	0		**Indoor Environmental Quality**	**16**
Y			Prereq	Minimum Indoor Air Quality Performance	Required
Y			Prereq	Environmental Tobacco Smoke Control	Required
1	1		Credit	Enhanced Indoor Air Quality Strategies	2
2	1		Credit	Low-Emitting Materials	3
1			Credit	Construction Indoor Air Quality Management Plan	1
2			Credit	Indoor Air Quality Assessment	2
1			Credit	Thermal Comfort	1
1	1		Credit	Interior Lighting	2
1	2		Credit	Daylight	3
	1		Credit	Quality Views	1
1			Credit	Acoustic Performance	1
3	3	0		**Innovation**	**6**
2	3		Credit	Innovation	5
1			Credit	LEED Accredited Professional	1
2	2	0		**Regional Priority**	**4**
1			Credit	Regional Priority: Specific Credit	1
1			Credit	Regional Priority: Specific Credit	1
	1		Credit	Regional Priority: Specific Credit	1
	1		Credit	Regional Priority: Specific Credit	1
62	41	7		**TOTALS** Possible Points:	**110**

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