

San Diego's Only Autonomous Community





An autonomous community

Millenia Smart Park is dedicated to advancing the lives of people in Chula Vista through smart city technologies and solutions. Chula Vista's existing, comprehensive smart city platform makes Millenia Smart Park the ideal location for forward thinking companies.

Millenia Smart Park's proximity to the City of Chula Vista UAV Test Site and Brown Field Municipal Airport, local talent and existing UAV companies make it uniquely positioned for testing UAV applications.

Why Millenia Smart Park:



Education & Local Talent

Southwestern College is one of only 3 colleges in San Diego County to be selected to participate in the Unmanned Aircraft Systems Collegiate Training Initiative by the FAA



→ Drones

Located just one mile from Millenia Smart Park, the City of Chula Vista UAV Test Site is one of only four UAV Sites in San Diego County



Autonomous Vehicles (AV's)

The U.S. Department of Transportation designated Chula Vista and the broader San Diego region as one of 10 Autonomous Vehicle Proving Grounds in the U.S. - one of only two in California



Airport

Brown Field Municipal Airport is designated by the FAA as part of its UAS Integration Pilot Program



Defense Industry

San Diego is home to the largest concentration of military assets in the world



Innovation

Chula Vista is a top 10 finalist in the U.S. in the Smart Cities Council Readiness Challenge Grant Program



Marine Drone Testing

Marine drone testing is currently taking place in the Chula Vista Bay



Open test area for drones



Digital city park management and smart toilets



Software controlled traffic signals within intersections in different configurations, with mast arms, wood and metal poles and pedestrian crossings



Management

Gathering energy usage data through meters in buildings to advise tenants how to mitigate their energy usage



Building security system, emergency detector system, data management system and predictive lift maintenance

Millenia Office

Sudberry Retail

Residential

Hospitality



Smart Transport/ Mobility

Smart transportation tracking, smart parking and traffic monitoring system



Electric Panels

(O))Sensors

Electrical panel for events and vehicle charging

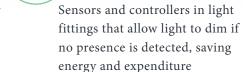


Pop up notifications, customer tracking position and smart analysis of the buyer



Smart Industry mart logistics and digital

management systems



Building Facades

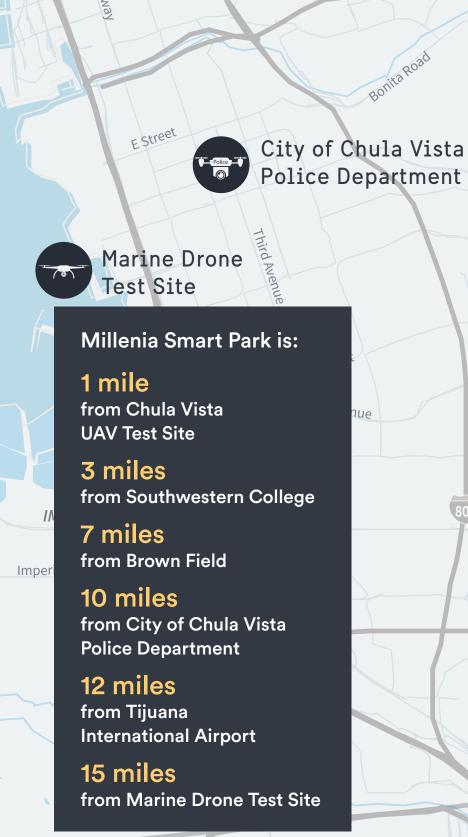
Smart Lighting

Building facades up to two stories high to allow researchers to test sensor performance on various materials and geometries



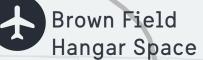
A system that can control home security, lighting, air conditioning and appliances





Southwestern College Millenia Smart Park Test Site All Weather

OTAY MESA



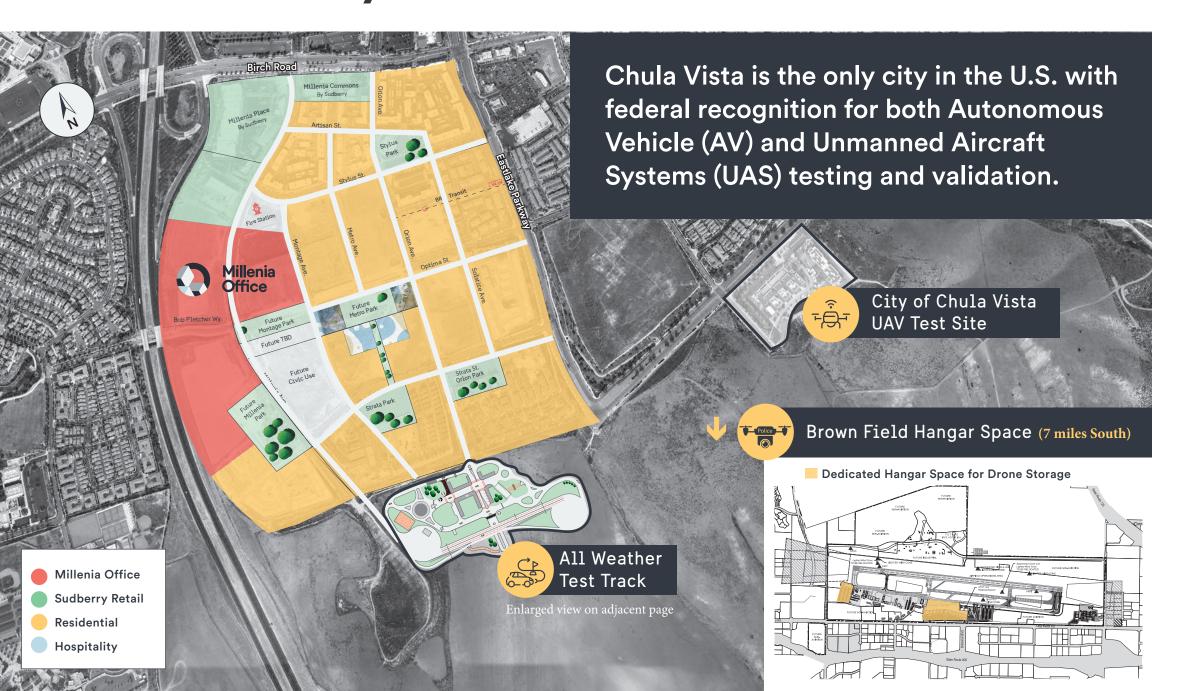
Chula Vista

MEXICO



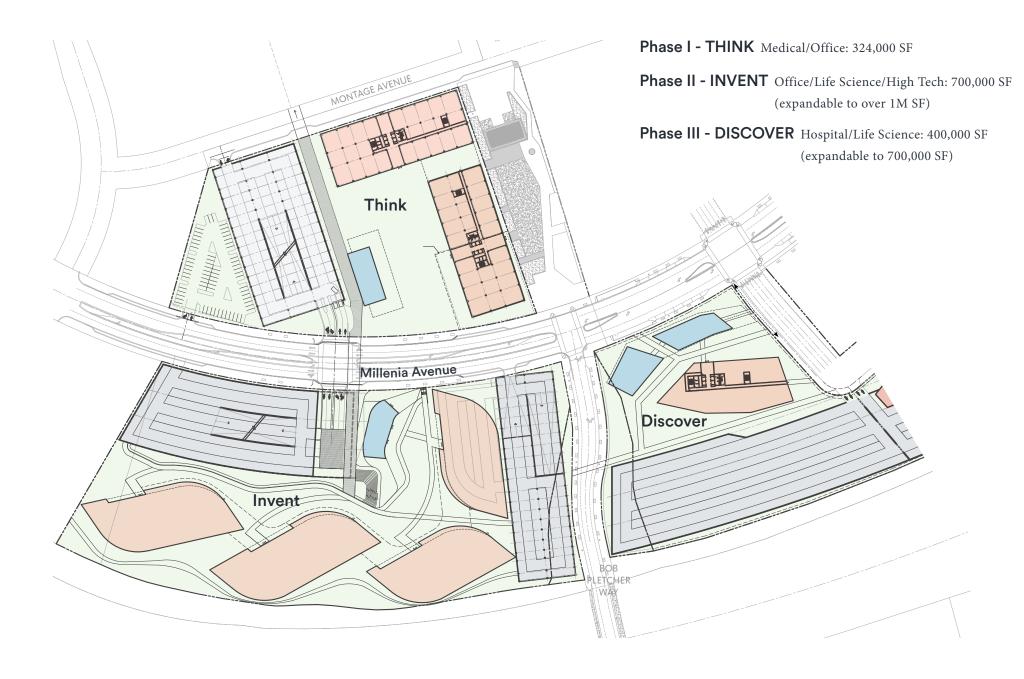
Foster sustainability

Millenia Smart Park sits on a 210-acre site in Chula Vista, with more than 8.5 acres of roads and traffic infrastructure. The full-scale outdoor laboratory simulates the broad range of complexities vehicles encounter in urban and suburban environments.



Autonomous Vehicle Open test area configurable for a wide range of All Weather Test Track scenarios, including parking lots and novel intersection geometries **4-way stop intersection**, with straight as well as tight and sweepingly curved approaching roadways Overhead highway signs Straight gravel roadway **Tree canopy**, a simulated tree cover that reproduces with a rural railroad crossing the attenuation of signals that pass through trees **Traffic circle.** a smaller version of a roundabout that is Metal bridge deck, a bridge surface that poses special challenges for radar and image processing common in Europe and some older cities in the U.S. Construction and work zones **Electrical panel** for events and vehicle charging with flagging, manhole, lane closure **Building facades** up to two stories high allow Software-controlledresearchers to test sensor performance on various traffic signals within intersections in different materials and geometries. configurations, with mast arms, wood and metal poles, and pedestrian crossings Meandering gravel roadway **Pavilion** with network access and safety **Sensors** for data collection equipment Limited access freeway with access ramps, Active railroad crossing with highway signage, guardrails, crash attenuators, and software-controlled gates and signalsa concrete Jersey barrier **Trunk line road**, a rural roadway with a fully equipped Ramp metering railroad crossing, guard rail, and temporary and permanent pavement markings Calibration mound to calibrate inertial measurement sensors on vehicles Brick paver road simulated with stamped concrete Open test area **Underpass**, simulated by a tunnel that blocks wireless **Robotic platforms** include deer and pedestrian and satellite signals from reaching vehicles Roundabout, an increasingly common-Outdoor seating approach to intersection design intended to with table, chairs, and bike racks improve safety







Great Outdoors

Acres of green space that connects with two adjacent public parks provide strong connections to nature.



Amenity Rich

A live, work, play environment: cafes, restaurants, parks, and fitness are combined with an adjacent hotel, housing, and retail



Connectivity

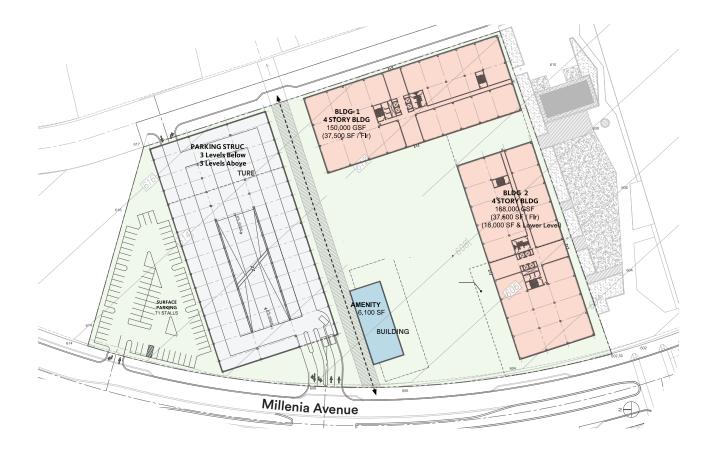
A symbiotic relationship between three global campuses combined with a mixed use walkable community.

001 Think

Sustainability and wellness



001 Think





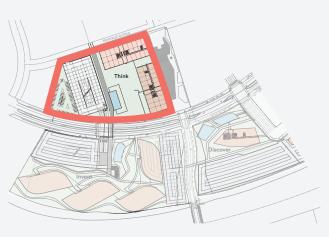
Flexible Space

Large floor plates combined with shallow bay depths maximize tenant size flexibility



Super Floor Plates

Exterior connectors link buildings to create super floors



Specs

Site Area: 7.06 acres

Total Campus Area: 324,100 SF

Total Medical/Office Building Area: 318,000 SF

Building 1: 150,000 SF

Building 2: 168,000 SF

Amenity Space: 6,100 SF (free-standing building)

Floorplate Size: 37,500 SF

Ceiling Heights: 15'0" (18'0":Building 2; 1st floor)

Bay Depth: 42'

Construction Type: cast in place concrete

Live Load Capacity: 125 lbs.

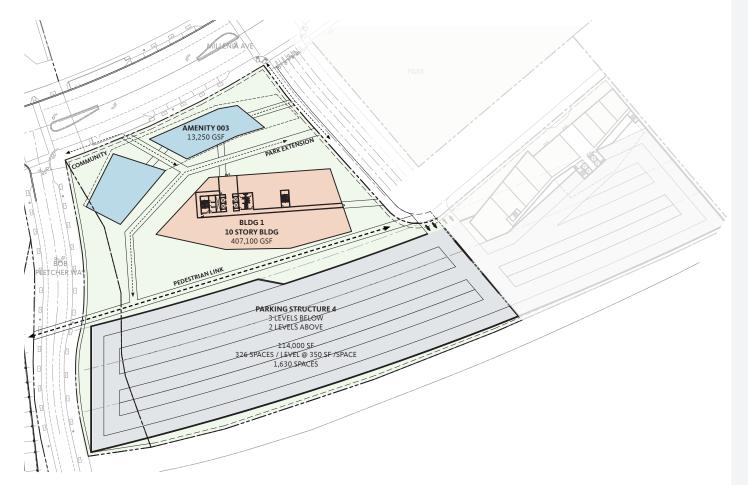
Parking: 4.32/1,000 GSF (1,373 cars)

LEED: Platinum-targeted

WELL Building: Gold-targeted



002 Discover





Flexible Space

Large floor plates combined with shallow bay depths maximize tenant size flexibility



Super Floor Plates

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Specs

Site Area: 5.64 acres

Total Office Area: 407,100 SF

Total Square Feet: 420,350 SF

Floorplate Size: 18,500 SF (46,700 SF per floor)

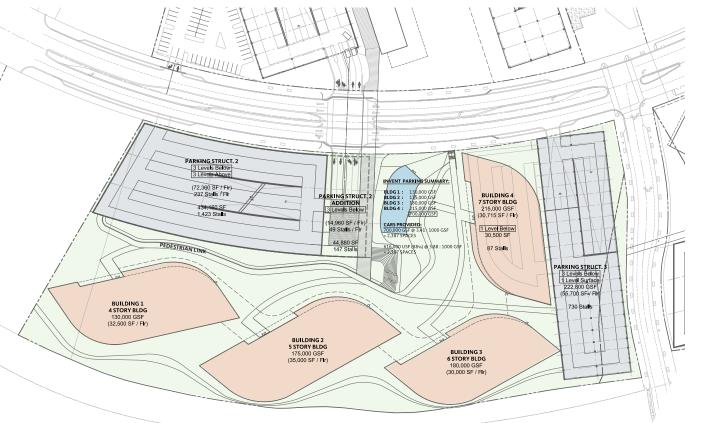
Ceiling Heights: 15'0"

Accessory Space: 13,250 SF

Parking: 4.0/1,000 GSF (1,630 cars provided)



003 Invent





Flexible Space

Large floor plates combined with shallow bay depths maximize tenant size flexibility



Super Floor Plates

Exterior connectors link buildings to create super floors



Specs

Site Area: 11.29 acres

Total Office Area: 700,000 SF

Total Square Feet: 706,100 SF

Floorplate Size: 26,665 SF min; 35,169 SF max

(per floor)

Ceiling Heights: 15'0"

Accessory Space: 6,100 SF

Parking: 3.41/1,000 GSF (2,387 cars provided)



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