

Hellmuth, Obata & Kassabaum, Inc.



One Bush Street, Suite 200  
San Francisco, CA 94104 USA  
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## NORTH BUILDING

945 Kifer Road, Sunnyvale, CA 94086

## PRIVATE PEDESTRIAN BRIDGE

Between 950 & 945 Kifer Road, Sunnyvale, CA 94086

Prepared for

**INTUITIVE SURGICAL, INC.**



Issued information

### Modification to Approved Site Development Permit

RESPONSE TO FOURTH ROUND  
OF PLANNING COMMENTS

Volume 1

MARCH 1, 2024







Project  
**ISI HQ NORTH BUILDING**  
945 Kifer Road, Sunnyvale, CA, 94085

Prepared For  
**INTUITIVE SURGICAL, INC.**  
1020 Kifer Road Sunnyvale, CA



Hellmuth, Obata & Kassabaum, Inc.  
One Bush Street, Suite 200  
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Approved: 2/28/2014 10:00 AM (Project # 1020)

Revision #4:

**BuildGroup**  
CityCenter  
182 S. Van Ness Ave.  
San Francisco, CA 94103

**Kier + Wright**  
Civil Engineer  
2850 Collier Canyon Road  
Livermore, CA 94551

**Competition**  
Geotechnical Engineer  
1750 Geometric Parkway  
Sunnyvale, CA 94085

**Taylor Engineering**  
Mechanical, Plumbing, Fire Protection  
1000 Marina Village Parkway, Suite 501  
Alameda, CA 94501-1142

**The Engineering Enterprise**  
Electrical  
1200 Marina Village Parkway  
Alameda, CA 94501

**Lorch Bates**  
Vertical Transportation, Exterior Sign Maintenance  
4400 Rowland Way, Suite 18-510  
San Rafael, CA 94903

**KSH Architects**  
Envision ADR  
545 Sutter Street  
San Francisco, CA 94108

Typical

Professional Seal

| No. | Description               | Date     |
|-----|---------------------------|----------|
| 1   | ISSUED FOR PERMITS        | 10/24/13 |
| 2   | FINAL SET                 | 10/24/13 |
| 3   | PERMITS SUBMITTED         | 10/24/13 |
| 4   | ISSUED FOR SET            | 10/24/13 |
| 5   | ISSUED                    | 10/24/13 |
| 6   | PLANNING SUBMITTAL #1     | 10/24/13 |
| 7   | PLANNING SUBMITTAL #2, #3 | 10/24/13 |
| 8   | PLANNING SUBMITTAL #4     | 10/24/13 |
| 9   | PLANNING SUBMITTAL #5     | 10/24/13 |
| 10  | PLANNING SUBMITTAL #6     | 10/24/13 |

Project No.: 20134545.02

Sheet Title:

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Client: ISI, Inc. Civil & Mechanical Division of ISI Group

Sheet Number:

**G4-002**

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**CALGREEN COMMERCIAL MANDATORY CHECKLIST**  
THESE REQUIREMENTS APPLY TO BUILDING PERMITS SUBMITTED ON OR AFTER JANUARY 1, 2020

Following is a standardized checklist of the 2019 California Green Building Standards Code (CalGreen) requirements that may be used to demonstrate compliance with the California Mandatory Measures (Chapter 3). This checklist is required for all new buildings, additions of 1,000 square feet or more, and alterations with a permit valuation of \$200,000 and more. Code sections relevant to additions and alterations shall only apply to the portions of the building being added or altered within the scope of the permitted work.

| CALGreen Reference      | Description   | Designer's Comments with Plan Sheet Reference | City Field Inspection Verification |
|-------------------------|---|---|------------------------------------|
| 5.1 Planning and Design | 5.106.1 Storm water pollution prevention. Newly constructed projects which disturb less than one acre of land shall prevent the pollution of storm water runoff from the construction activities through local ordinance in Section 5.106.1.1 or Best Management Practices (BMP) in Section 5.106.1.2.  | Sheet: CA-500                                 | Initials and Date:                 |
| 5.1 Planning and Design | 5.106.4 Bicycle parking. Comply with Sections 5.106.4.1 and 5.106.4.2, or meet local ordinance, whichever is stricter.  | Sheet: CA-004                                 | Initials and Date:                 |
| 5.1 Planning and Design | 5.106.4.2.2 Long-term bicycle parking. For new buildings with 10 or more tenant-occupied or for additions or alterations that add 10 or more tenant-occupied parking spaces, provide secure bicycle parking for 5% of the tenant-occupied parking spaces being added, with a minimum of one space. Acceptable parking facilities shall be convenient from the street and shall meet one of the following:<br>1. Covered, lockable enclosures with permanently anchored racks for bicycles.<br>2. Lockable bicycle rooms with permanently anchored racks; or<br>3. Lockable, permanently anchored bicycle lockers. |   |                                    |

One-Stop Permit Center at City Hall, 456 W. Olive Ave., 4th Floor 730-7444  
Building and Planning Division representatives are available 8 a.m. - 12:30 p.m. and 1 p.m. - 5 p.m.,  
Sunnyvale, CA gov. Search "One-Stop Permit Center"

|                         |  |  |                    |
|-------------------------|--|--|--------------------|
| 5.1 Planning and Design | 5.106.5.3 Electric vehicle (EV) charging. New construction shall comply with Section 5.106.5.3.1 or Section 5.106.5.3.2 to facilitate future installation of electric vehicle supply equipment (EVSE).   | Sheet: Within North Garage, under separate package 010-002 | Initials and Date: |
| 5.1 Planning and Design | 5.106.5.3.1 Single charging space requirements. When only a single charging space is required per Table 5.106.5.3.3, a raceway is required to be installed at the time of construction and shall be installed in accordance with the California Electrical Code.   |  |                    |
| 5.1 Planning and Design | 5.106.5.3.2 Multiple charging space requirements. When multiple charging spaces are required per Table 5.106.5.3.3 (raceway) is not required to be installed at the time of construction and shall be installed in accordance with the California Electrical Code.   |  |                    |
| 5.1 Planning and Design | 5.106.5.3.3 EV charging space calculation. (N) per Table 5.106.5.3.3 below.  |  |                    |
| 5.1 Planning and Design | 5.106.5.3.4 Identification. The service panel (or subpanel) circuit directory shall identify the reserved equipment protective device space(s) for future EV charging as "EV CAPABLE".   | Sheet: will comply in future permit package                | Initials and Date: |
| 5.1 Planning and Design | 5.106.5.3.5 [N] EV spaces count as designated parking.   |  |                    |
| 5.1 Planning and Design | 5.106.8 Light pollution reduction. Outdoor lighting systems shall be designed and installed to comply with the following:<br>1. The minimum requirements in the California Energy Code for Lighting Zones 1-4 as defined in Chapter 10 of the California Administrative Code; and<br>2. Backlight, Uplight and Glare (BUG) ratings as defined in IESNA TM-15-11; and<br>3. Allowable BUG ratings not exceeding those shown in Table 5.106.8, OR comply with a local ordinance lawfully enacted pursuant to Section 101.7, whichever is more stringent. | Sheet: will comply in future permit package                | Initials and Date: |
| 5.1 Planning and Design | 5.106.12 Shade trees. Shade trees shall be planted. Percentages shown shall be measured at noon on the summer solstice.  |  |                    |
| 5.1 Planning and Design | 5.106.12.1 Surface parking areas. Shade tree planting, minimum #10 container size or equal, shall be installed to provide shade over 50% of the parking area within 15 years.  | Sheet: will comply in future permit package                | Initials and Date: |
| 5.1 Planning and Design | 5.106.12.2 Landscape areas. Shade tree planting, minimum #10 container size shall be installed to provide 20% shade within 15 years.   |  |                    |
| 5.1 Planning and Design | 5.106.12.3 Hardship areas. Shade tree planting, minimum #10 container size shall be installed to provide shade of 20% of the hardship area within 15 years.  |  |                    |
| 5.2 Energy              | 5.201.1 Scope Compliance with the California Energy Commission mandatory standards.  | Sheet: will comply in future permit package                | Initials and Date: |

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|---------------------------------------|--|---|--------------------|
| 5.3 Water Efficiency and Conservation | 5.303.3 Water conserving plumbing fixtures and fittings. Plumbing fixtures (water closets and urinals) and fittings (faucets and showerheads) shall comply with the following:<br>5.303.3.1 Water closets. The effective flush volume of all water closets shall not exceed 1.28 gallons per flush. Tank-type water closets shall be certified to the performance criteria of the U.S. EPA WaterSense Specification for Tank-Type Toilets.<br>5.303.3.2 Urinals. The effective flush volume of dual flush toilets is defined as the composite, average flush volume of two reduced flushes and one full flush.<br>5.303.3.2.1 Wall-mounted urinals. The effective flush volume of wall-mounted urinals shall not exceed 0.125 gallons per flush.<br>5.303.3.2.2 Floor-mounted urinals. The effective flush volume of floor-mounted urinals shall not exceed 0.5 gallons per flush.<br>5.303.3.3 Showerheads. Showerheads shall have a maximum flow rate of not more than 2.0 gallons per minute at 80 psi. Showerheads shall be certified to the performance criteria of the U.S. EPA WaterSense Specification for Showerheads.<br>5.303.3.3.1 Multiple showerheads serving one shower. When a shower is served by more than one showerhead, the combined flow rate of all showerheads and/or other shower outlets controlled by a single valve shall not exceed 2.0 gallons per minute at 80 psi, or the shower shall be designed to allow only one shower outlet to be in operation at a time.<br>Note: A hand-held shower shall be considered a showerhead. | Sheet: will comply in future permit package | Initials and Date: |
| 5.3 Water Efficiency and Conservation | 5.303.4 Commercial kitchen equipment.<br>5.303.4.1 Food waste disposers. Disposers shall either modulate the use of water to no more than 1 gpm when the disposer is not in use (not actively grinding food waste/no-load) and shall automatically shut off after no more than 10 minutes or inactivity. Disposers shall use no more than 8 gpm of water.<br>Note: This code section does not affect local jurisdiction authority to prohibit or require disposer installation.  | Sheet: will comply in future permit package | Initials and Date: |
| 5.3 Water Efficiency and Conservation | 5.303.5 Areas of additions or alteration. For those occupancies within the authority of the California Building Standards Commission as specified in Section 303, the provisions of Section 5.303.3 and 5.303.4 shall apply to new fixtures in additions or areas of alterations to the building.  | Sheet: N/A                                  | Initials and Date: |
| 5.3 Water Efficiency and Conservation | 5.303.6 Standards for plumbing fixtures and fittings. Plumbing fixtures and fittings shall be installed in accordance with the California Plumbing Code, and shall meet the applicable standards referenced in Table 1403.1 of the California Plumbing Code and in Chapter 6 of this code.   | Sheet: will comply in future permit package | Initials and Date: |

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|---|---|---|--------------------|
| 5.3 Water Efficiency and Conservation             | 5.304.1 Outdoor Water Use Scope. The provisions of Section 5.304 Outdoor Water Use reference the mandatory Model Water Efficiency Landscape Ordinance (MWELO) contained with Chapter 2.7, Division 2, Title 23, California Code of Regulations.   | Sheet: will comply in future permit package | Initials and Date: |
| 5.4 Material Conservation and Resource Efficiency | 5.408.1 Construction waste management. Recycle and/or salvage for reuse a minimum of 65% of the non-hazardous construction waste in accordance with Section 5.408.1.1, 5.408.1.2 or 5.408.1.3, or meet a local construction and demolition waste management ordinance, whichever is more stringent.<br>5.408.1.1 Construction waste management plan. Where a local jurisdiction does not have a construction and demolition waste management ordinance that is more stringent, submit a construction waste management plan that complies with Items 1 through 4 of this section.<br>5.408.1.2 Waste management company. Utilize a waste management company that can provide verifiable documentation that the percentage of construction waste material diverted from the landfill complies with this section.<br>Exceptions to Sections 5.408.1.1 and 5.408.1.2:<br>1. Excavated soil and land clearing debris<br>2. Alternate waste reduction methods developed by working with local agencies if diversion or recycle facilities capable of compliance with this item do not exist.<br>3. Demolition waste meeting local ordinance or calculated in consideration of local recycling facilities and markets.<br>5.408.1.4 Documentation. Provide documentation of the waste management plan that meets the requirements listed in Sections 5.408.1.1 through 5.408.1.3, and the plan is accessible to the enforcement authority.<br>5.408.2 Universal Waste. Additions and alterations to a building or tenant space that meet the scoping provisions in Section 303.3 for non-residential additions and alterations, shall require verification that Universal Waste items such as fluorescent lamps and ballast and mercury containing thermostats as well as other California prohibited Universal Waste materials are properly stored and are diverted from landfills. A list of prohibited Universal Waste materials shall be included in the construction documents.<br>5.408.3 Excavated soil and land clearing debris. 100 percent of trees, stumps, rocks and associated vegetation and soils resulting primarily from land clearing shall be reused or recycled.<br>Exception: Reuse, either on- or off-site, of vegetation or soil contaminated by disease or pest infestation. | Sheet: will comply in future permit package | Initials and Date: |

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|---|---|---|--------------------|
| 5.4 Material Conservation and Resource Efficiency | 5.410.1 Recycling by occupants. Provide readily accessible areas that serve the entire building and are identified for the depositing, storage, and collection of non-hazardous materials including organic waste for recycling.<br>5.410.1.1 Additions. All additions conducted within a 12-month period under single or multiple permits, resulting in an increase of 30 percent or more in floor area, shall provide recycling areas on site.<br>Exception: Additions within a tenant space resulting in less than a 30% increase in the tenant space floor area.  | Sheet: See Attached Waste report            | Initials and Date: |
| 5.4 Material Conservation and Resource Efficiency | 5.410.4 Testing and adjusting. Testing and adjusting of systems shall be required for buildings less than 10,000 square feet. Applies to new systems serving additions or alterations.<br>5.410.4.2 Systems. Develop a written plan of procedures for testing and adjusting systems. Systems to be included for testing and adjusting shall include, as applicable to the project, the systems listed in 5.410.4.2.1 through 5.410.4.2.4.<br>5.410.4.2.1 Procedures. Perform testing and adjusting procedures in accordance with applicable standards on each system as determined by enforcing agency.<br>5.410.4.2.2 HVAC balancing. Before a new space conditioning system serving a building or space is operated for normal use, the system should be balanced in accordance with the procedures defined by national standards listed in 5.410.4.2.3.<br>5.410.4.2.3 Reporting. After completion of testing, adjusting and balancing, provide a final report of testing signed by the individual responsible for performing these services.<br>5.410.4.2.4 Operation and maintenance manual. Provide the building owner with detailed operating and maintenance instructions and copies of warranties/warranties for each system prior to final inspection.<br>Inspections and reports. Include a copy of all inspection verifications and reports required by the enforcing agency. | Sheet: will comply in future permit package | Initials and Date: |
| 5.4 Material Conservation and Resource Efficiency | 5.503.1 Fireplaces. Install only a direct vent sealed-combustion gas or sealed wood burning fireplace, or a sealed woodstove, and refer to residential requirements in the California Energy Code, Title 24, Part 6, Subchapter 7, Section 150.<br>Woodstoves. Woodstoves shall comply with US EPA New Source Performance Standards (NSPS) emissions limits, where applicable, and shall have a permanent label indicating they are certified to meet the emission limit.   | Sheet: N/A                                  | Initials and Date: |

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| 5.4 Material Conservation and Resource Efficiency | 5.504.1.3 Temporary ventilation. If the HVAC system is used during construction, use return air filters with a MERV of 8, based on ASHRAE 52.2-1999, or an average efficiency of 30% based on ASHRAE 52.1-1992. Replace all filters immediately prior to occupancy. Applies to additions or alterations.  | Sheet: will comply in future permit package | Initials and Date: |
| 5.4 Material Conservation and Resource Efficiency | 5.504.3 Covering of duct openings and protection of mechanical equipment during construction. At the time of rough installation and during storage on the construction site and until final startup of the heating, cooling and ventilating equipment, all duct and other related air distribution component openings shall be covered with tape, plastic, sheet metal or other methods acceptable to the enforcing agency to reduce the amount of dust, water and debris which may enter the system.   | Sheet: will comply in future permit package | Initials and Date: |
| 5.4 Material Conservation and Resource Efficiency | 5.504.4 Finish material pollutant control. Adhesives, sealants and caulks. Adhesives, sealants and caulks shall be compliant with VOC and other toxic compound limits.<br>Paints and coatings. Paints, stains and other coatings shall be compliant with VOC limits.<br>Aerosol paints and coatings. Aerosol paints and coatings shall be compliant with product weighted MBL limits for VOC and other toxic compounds.<br>Verification. Documentation shall be provided to verify that compliant VOC limit finish materials have been used.  | Sheet: will comply in future permit package | Initials and Date: |
| 5.4 Material Conservation and Resource Efficiency | 5.504.4.4 Carpet systems. All carpet installed in the building interior shall meet the testing and product requirements of one of the following:<br>1. Carpet and Rug Institute's Green Label Plus Program.<br>2. California Department of Public Health, "Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers," Version 1.1, February 2010 (also known as Specification 01350).<br>3. NSF/ANSI 140 at the Gold level.<br>4. Scientific Certifications Systems Indoor Advantage™ Gold.<br>Carpet cushion. All carpet cushion installed in the building interior shall meet the requirements of the Carpet and Rug Institute's Green Label program.<br>Carpet adhesive. All carpet adhesive shall meet the requirements of Table 5.504.4.1. | Sheet: N/A                                  | Initials and Date: |

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| 5.4 Material Conservation and Resource Efficiency | 5.504.4.6 Resilient flooring systems. For 80% of floor area receiving resilient flooring, installed resilient flooring shall meet at least one of the following:<br>1. Certified under the Resilient Floor Covering Institute (RFCI) Flooring program.<br>2. Compliant with the VOC-emission limits and testing requirements specified in the California Department of Public Health's 2010 Standard Method for the Testing and Evaluation Chambers, Version 1.1, February 2010;<br>3. Compliant with the Collaborative for High Performance Schools California (CA-CHPS) Environmental Requirements for Schools, Version 1.1, February 2010;<br>4. Products certified under the GREENGUARD Gold (formerly the GreenGuard Children's for Schools Program).<br>5.504.4.6.1 Verification of compliance. Documentation shall be provided verifying that resilient flooring materials meet the pollutant emission limits.  | Sheet: will comply in future permit package | Initials and Date: |
| 5.4 Material Conservation and Resource Efficiency | 5.504.5.3 Filters. In mechanically ventilated buildings, provide regularly occupied areas of the building with air filtration media for outside and return air that provides at least a Minimum Efficiency Reporting Value (MERV) of 8. MERV 8 filters shall be installed prior to occupancy, and recommendations for maintenance with filters of the same value shall be included in the operation and maintenance manual.<br>Exceptions:<br>1. An ASHRAE 10-percent to 15-percent efficiency filter shall be permitted for an HVAC unit meeting the 2013 California Energy Code having 60,000 Btu/h or less capacity per fan coil, if the energy use of the air delivery system is 0.4 W/km or less at design air flow.<br>2. Existing mechanical equipment.<br>5.504.5.3.1 Labeling. Installed filters shall be clearly labeled by the manufacturer indicating the MERV rating.<br>5.504.7 Tobacco smoke control (ETS) control. Where outdoor areas are provided for smoking, prohibit smoking within 25 feet of building entries, outdoor air intakes and operable windows and within the building as already prohibited by other laws or regulations; or as enforced by ordinances, regulations or policies of any city, county, city and county, California Community College, campus of the California State University, or campus of the University of California, whichever are more stringent. When ordinances, regulations or policies are not in place, post signage to inform building occupants of the prohibitions. | Sheet: will comply in future permit package | Initials and Date: |
| 5.5 Indoor Environmental Quality                  | 5.505.1 Indoor moisture control. Buildings shall meet or exceed the provisions of California Building Code, CCR, Title 24, Part 2, Sections 1203 and Chapter 14.1.   | Sheet: will comply in future permit package | Initials and Date: |

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| 5.5 Environmental Quality | 5.508.2 Supermarket refrigerant leak reduction. New commercial refrigeration systems shall comply with the provisions of this section when installed in retail food stores 8,000 square feet or more conditioned area, and that utilize either refrigerated display cases, or walk-in coolers or freezers connected to remote compressor units or condensing units. The leak reduction measures apply to refrigeration systems containing high-global-warming potential (high-GWP) refrigerants with a GWP of 150 or greater. New refrigeration systems include both new facilities and the replacement of existing refrigeration systems in existing facilities.<br>Exception: Refrigeration systems containing low-global-warming potential (low-GWP) refrigerants with a GWP value less than 150 are not subject to this section. Low-GWP refrigerants are nonozone-depleting refrigerants that include ammonia, carbon dioxide (CO2), and potentially other refrigerants. | Sheet: N/A | Initials and Date: |
|---------------------------|---|------------|--------------------|

| Y  | HM | LM | N | Score | Requirement   | Points |
|----|----|----|---|-------|---|--------|
| 8  | 1  | 2  | 5 | 16    | Location and Transportation                                 | 16     |
| 1  | 1  | 1  | 1 | 1     | LEED for Neighborhood Development Location                  | 1      |
| 1  | 1  | 1  | 1 | 1     | Sensitive Land Protection                                   | 1      |
| 2  | 0  | 0  | 0 | 0     | High Priority Site and Equitable Development (v4.1)         | 2      |
| 3  | 0  | 0  | 0 | 0     | Surrounding Density and Diverse Uses (v4.1)                 | 3      |
| 1  | 0  | 0  | 0 | 0     | Access to Quality Transit                                   | 1      |
| 1  | 0  | 0  | 0 | 0     | Bicycle Facilities (v4.1)                                   | 1      |
| 0  | 1  | 0  | 0 | 1     | Reduced Parking Footprint (v4.1) - (optional)               | 1      |
| 1  | 0  | 0  | 0 | 0     | Electric Footprint (v4.1)                                   | 1      |
| 5  | 1  | 0  | 4 | 10    | Sustainable Sites   | 10     |
| 1  | 1  | 1  | 1 | 1     | Construction Activity Pollution Prevention                  | 1      |
| 1  | 1  | 1  | 1 | 1     | Site Assessment   | 1      |
| 0  | 1  | 0  | 0 | 1     | Site Development - Protect or Restore Habitat               | 1      |
| 1  | 0  | 0  | 0 | 0     | Open Space  | 1      |
| 2  | 0  | 0  | 0 | 0     | Water Management (v4.1)                                     | 2      |
| 1  | 0  | 0  | 0 | 0     | Heat Island Reduction                                       | 1      |
| 1  | 0  | 0  | 0 | 0     | Light Pollution Reduction (v4.1)                            | 1      |
| 10 | 0  | 0  | 1 | 11    | Water Efficiency  | 11     |
| 1  | 1  | 1  | 1 | 1     | Outdoor Water Use Reduction                                 | 1      |
| 1  | 1  | 1  | 1 | 1     | Indoor Water Use Reduction                                  | 1      |
| 1  | 0  | 0  | 0 | 0     | Building-Level Water Metering                               | 1      |
| 1  | 0  | 0  | 0 | 0     | Outdoor Water Use Reduction                                 | 1      |
| 1  | 0  | 0  | 0 | 0     | Indoor Water Use Reduction                                  | 1      |
| 2  | 0  | 0  | 0 | 0     | Access to Quality Transit                                   | 2      |
| 1  | 0  | 0  | 0 | 0     | Cooling Tower Water Use / Optimize Process Water Use (v4.1) | 1      |
| 1  | 0  | 0  | 0 | 0     | Water Metering  | 1      |
| 32 | 0  | 1  | 0 | 33    | Energy and Atmosphere                                       | 33     |
| 1  | 1  | 1  | 1 | 1     | Fundamental Commissioning and Verification                  | 1      |
| 1  | 1  | 1  | 1 | 1     | Minimum Energy Performance                                  | 1      |
| 1  | 1  | 1  | 1 | 1     | Building-Level Energy Metering                              | 1      |
| 1  | 1  | 1  | 1 | 1     | Fundamental Refrigerant Management                          | 1      |
| 1  | 0  | 0  | 0 | 0     | Enhance Commissioning                                       | 1      |
| 1  | 0  | 0  | 0 | 0     | Optimize Energy Performance                                 | 1      |
| 1  | 0  | 0  | 0 | 0     | Advanced Energy Metering                                    | 1      |
| 1  | 0  | 0  | 0 | 0     | Grid Harmonization (v4.1)                                   | 1      |
| 1  | 0  | 0  | 0 | 0     | Renewable Energy Production                                 | 1      |
| 1  | 0  | 0  | 0 | 0     | Enhanced Refrigerant Management                             | 1      |
| 2  | 0  | 0  | 0 | 0     | Green Power and Carbon Offsets                              | 2      |

| Y  | HM | LM | N  | Score | Requirement  | Points |
|----|----|----|----|-------|--|--------|
| 6  | 1  | 4  | 2  | 13    | Materials and Resources  | 13     |
| 1  | 1  | 1  | 1  | 1     | Storage and Collection of Recyclables  | 1      |
| 1  | 1  | 1  | 1  | 1     | Construction and Demolition Waste Management Planning                                    | 1      |
| 2  | 1  | 1  | 1  | 1     | Building Life-Cycle Impact Reduction (v4.1)  | 2      |
| 1  | 1  | 1  | 1  | 1     | Building Product Disclosure and Optimization - Environmental Product Declarations (v4.1) | 1      |
| 2  | 1  | 1  | 1  | 1     | Building Product Disclosure and Optimization - Sourcing of Raw Materials (v4.1)          | 2      |
| 1  | 1  | 1  | 1  | 1     | Building Product Disclosure and Optimization - Material Ingredients (v4.1)               | 1      |
| 2  | 1  | 1  | 1  | 1     | Construction and Demolition Waste Management   | 2      |
| 12 | 1  | 3  | 0  | 16    | Indoor Environmental Quality   | 16     |
| 1  | 1  | 1  | 1  | 1     | Minimum Indoor Air Quality Performance   | 1      |
| 1  | 1  | 1  | 1  | 1     | Enhanced Indoor Air Quality Performance  | 1      |
| 2  | 1  | 1  | 1  | 1     | Low-Emitting Materials (v4.1)  | 2      |
| 1  | 1  | 1  | 1  | 1     | Construction Indoor Air Quality Management Plan  | 1      |
| 2  | 1  | 1  | 1  | 1     | Indoor Air Quality Assessment  | 2      |
| 1  | 1  | 1  | 1  | 1     | Thermal Comfort  | 1      |
| 2  | 1  | 1  | 1  | 1     | Interior Lighting (v4.1)   | 2      |
| 1  | 1  | 1  | 1  | 1     | Quality Views  | 1      |
| 1  | 1  | 1  | 1  | 1     | Acoustic Performance (v4.1)  | 1      |
| 6  | 0  | 0  | 0  | 6     | Innovation   | 6      |
| 1  | 1  | 1  | 1  | 1     | Exemplary Performance - Renewable Energy Production                                      | 1      |
| 1  | 1  | 1  | 1  | 1     | Exemplary Performance - Low-Emitting Materials   | 1      |
| 1  | 1  | 1  | 1  | 1     | Innovation - Purchasing Lamps  | 1      |
| 1  | 1  | 1  | 1  | 1     | Innovation - Occupant Comfort Survey   | 1      |
| 1  | 1  | 1  | 1  | 1     | PHD - Designing with Nature, Biophilic Design for the Indoor Environment                 | 1      |
| 1  | 1  | 1  | 1  | 1     | LEED Accredited Professional   | 1      |
| 2  | 1  | 0  | 1  | 4     | Regional Priority  | 4      |
| 1  | 1  | 1  | 1  | 1     | Regional Priority - Optimize Energy Performance  | 1      |
| 1  | 1  | 1  | 1  | 1     | Regional Priority - BIDD Rate Materials Sourcing   | 1      |
| 1  | 1  | 1  | 1  | 1     | Regional Priority - Building Life-Cycle Impact Reduction                                 | 1      |
| 1  | 1  | 1  | 1  | 1     | Regional Priority - Indoor Water Use Reduction   | 1      |
| 1  | 1  | 1  | 1  | 1     | Regional Priority - Access to quality transit  | 1      |
| 1  | 1  | 1  | 1  | 1     | Regional Priority - Renewable Energy Production  | 1      |
| 22 | 6  | 10 | 13 | 51    | TOTALS   | 51     |

| Y | HM | LM | N | Score | Requirement         | Points |
|---|----|----|---|-------|---------------------|--------|
| 1 | 1  | 1  | 1 | 1     | Integrative Process | 1      |



Project  
**ISI HQ NORTH BUILDING**  
945 Kifer Road, Sunnyvale, CA 94085

Prepared For  
**INTUITIVE SURGICAL, INC.**  
1020 Kifer Road Sunnyvale, CA



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KSH Architects  
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San Francisco, CA 94108

Yeh Yeh

Prepared By:

| No. | Description        | Date     |
|-----|--------------------|----------|
| 1   | PLANNING SUBMITTAL | 01/24/20 |
| 2   |                    |          |





Project  
**ISI HQ NORTH BUILDING**  
945 Kifer Road, Sunnyvale, CA, 94085

MODIFICATIONS TO APPROVED  
SPECIAL DEVELOPMENT PERMIT  
Prepared For  
**INTUITIVE SURGICAL, INC.**  
1020 Kifer Road Sunnyvale, CA



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Approved by the City of Sunnyvale on 08/20/2020

Approval No.

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Competition

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Sunnyvale, CA 94085

Taylor Engineering

Mechanical, Plumbing, Fire Protection  
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Alameda, CA 94501-1142

The Engineering Enterprise

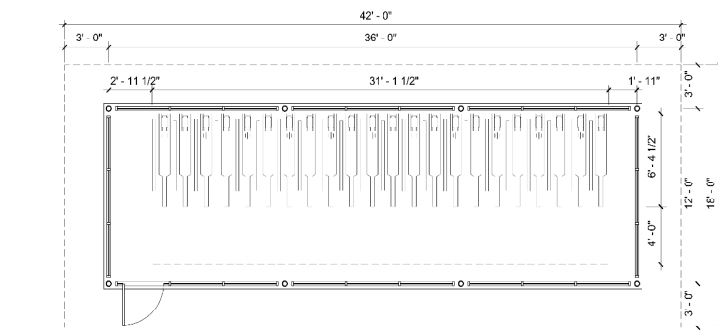
Electrical  
1250 Marina Village Parkway  
Alameda, CA 94501

Lench Bates

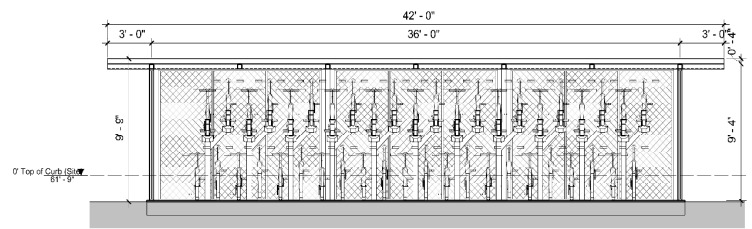
Vertical Transportation, Exterior Bldg Maintenance  
4400 Ravenswood Ave, Suite 18-510  
San Rafael, CA 94903

KSH Architects

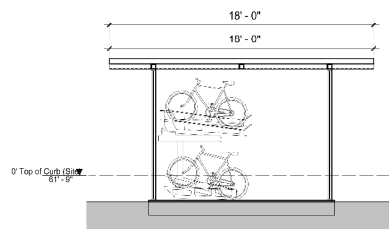
Enriquez ACR  
540 Sutter Street  
San Francisco, CA 94108



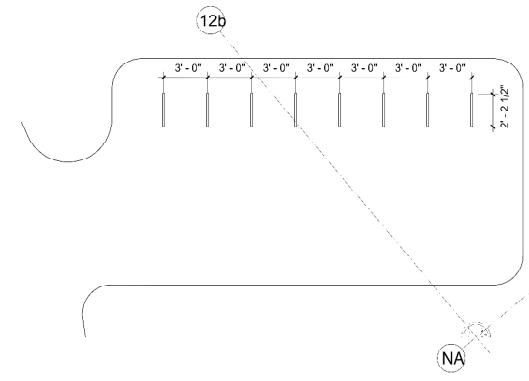
1 Class 1 North Bike Parking DA Plan - 465 sf  
1/4" = 1'-0"



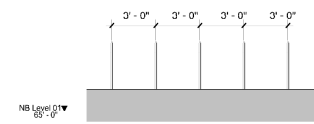
2 Class 1 North Bike Parking DA Longitudinal Section  
1/4" = 1'-0"



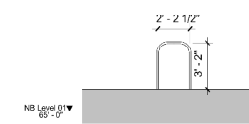
3 Class 1 North Bike Parking DA Cross Section  
1/4" = 1'-0"



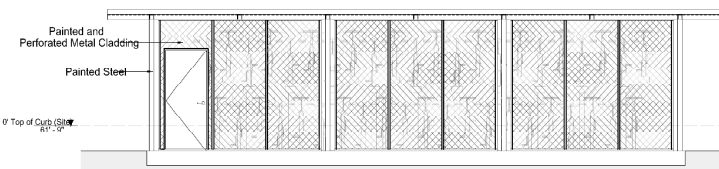
8 Class 2 North Bike Parking (Public) DA Plan  
1/4" = 1'-0"



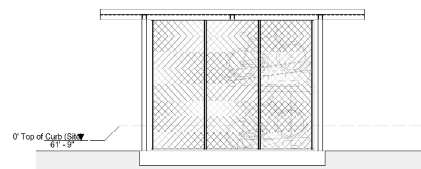
9 Class 2 North Bike Parking DA Typ Longitudinal Section  
1/4" = 1'-0"



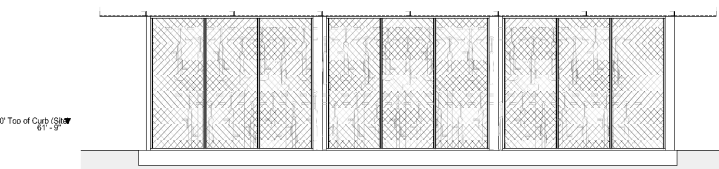
10 Class 2 North Bike Parking DA Typ Cross Section  
1/4" = 1'-0"



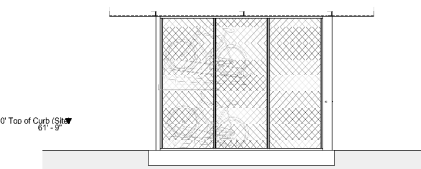
4 Class 1 North Bike Parking DA Elevation South  
1/4" = 1'-0"



5 Class 1 North Bike Parking DA Elevation East  
1/4" = 1'-0"



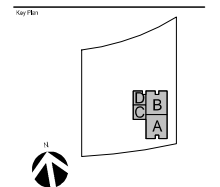
6 Class 1 North Bike Parking DA Elevation North  
1/4" = 1'-0"



7 Class 1 North Bike Parking DA Elevation West  
1/4" = 1'-0"

| Site Land use                                       | North site Corporate Office |                                   |                                   |
|---|-----------------------------|-----------------------------------|-----------------------------------|
|   | Required parking ratio      | Required number of parking spaces | Provided number of parking spaces |
| GSF   |                             | 358,000                           |                                   |
| Restaurant  |                             | 13,000                            |                                   |
| Adjusted GSF  |                             | 345,000                           |                                   |
| Class I Bicycle parking                             | 1 per 75% of 6,000 SF       | 42                                | 44                                |
| Class II Bicycle parking*                           | 1 per 25% of 6,000 SF       | 14                                | 16                                |
| <b>Total Bicycle parking (Class I and Class II)</b> |                             | <b>56</b>                         | <b>60</b>                         |

\*One Class II rack equals 2 bike parking spaces



Proposed Site

| No. | Description             | Date       |
|-----|-------------------------|------------|
| 1   | PLANNING PERMIT (PL 02) | 02/04/2020 |
| 2   | PLANNING PERMIT (PL 02) | 02/12/2020 |
| 3   | PROPOSED PERMIT (PL 02) | 08/20/2020 |

Project No. 20-24345-02

Sheet Title

**BIKE PARKING NORTH SITE**

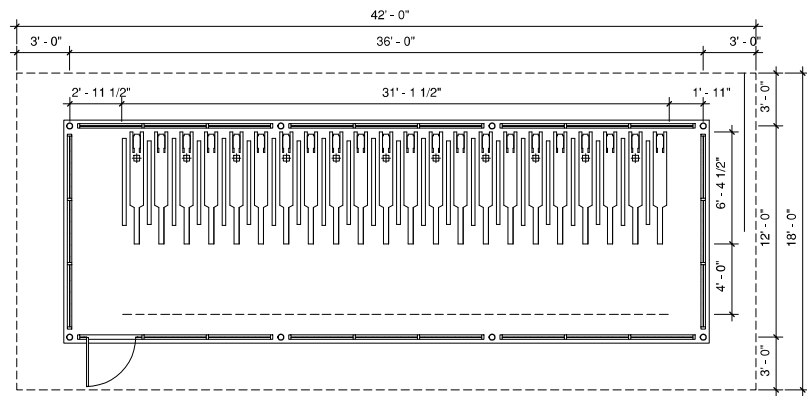
Sheet Number

G4-005

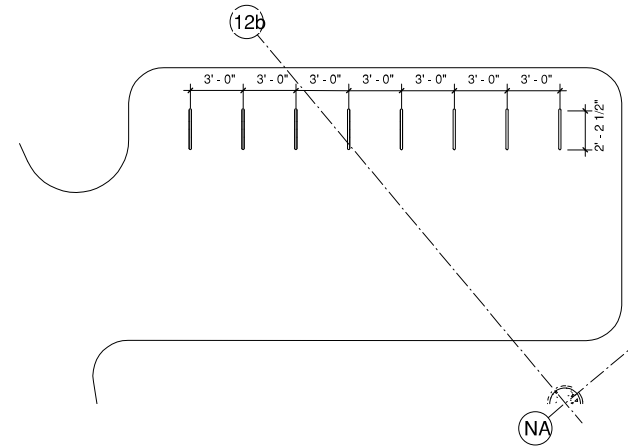




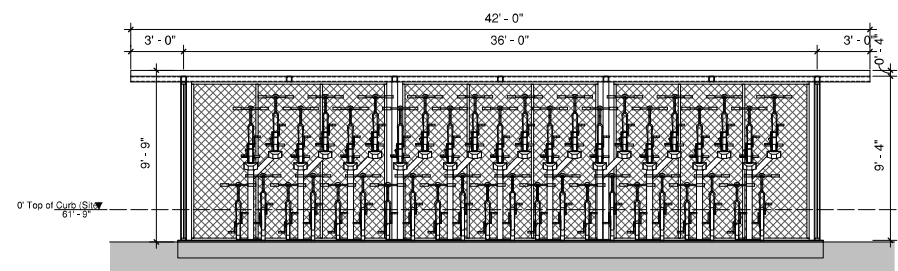
General Notes  
 1. Do not scale drawings. Dimensions govern.  
 2. All dimensions are in feet and inches unless otherwise noted.  
 3. All levels are in feet unless otherwise noted.  
 4. All dimensions shall be verified on site before proceeding with the work.  
 5. Foster + Partners shall be notified in writing of any discrepancies.  
 6. Any areas indicated on this sheet are approximate and indicate only.



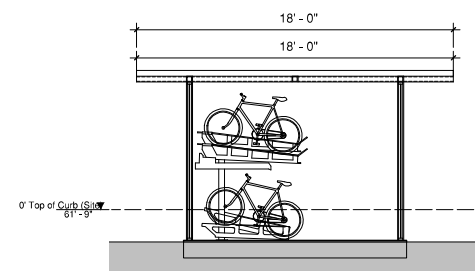
1 Class 1 North Bike Parking DA Plan.  
1/4" = 1'-0"



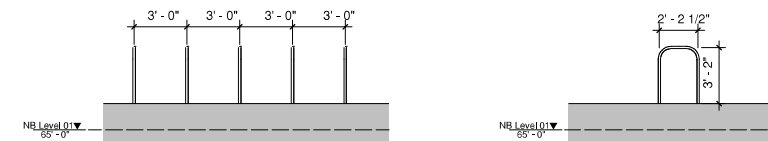
8 Class 2 North Bike Parking (Public) DA Plan  
1/4" = 1'-0"



2 Class 1 North Bike Parking DA Longitudinal Section  
1/4" = 1'-0"

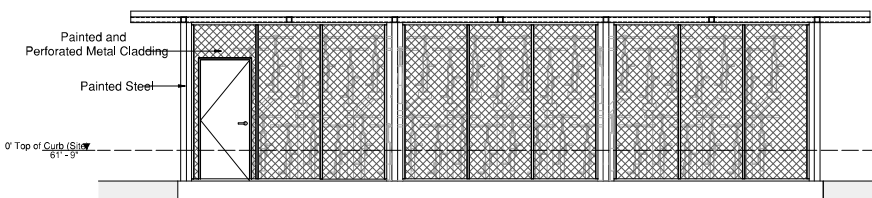


3 Class 1 North Bike Parking DA Cross Section  
1/4" = 1'-0"

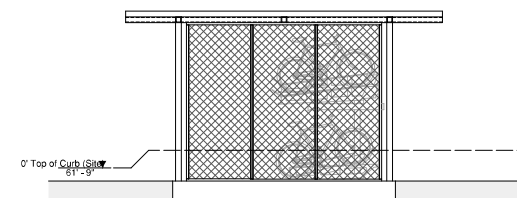


9 Class 2 North Bike Parking DA Typ Longitudinal Section  
1/4" = 1'-0"

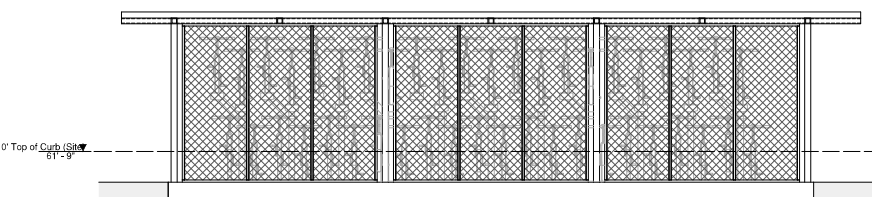
10 Class 2 North Bike Parking DA Typ Cross Section  
1/4" = 1'-0"



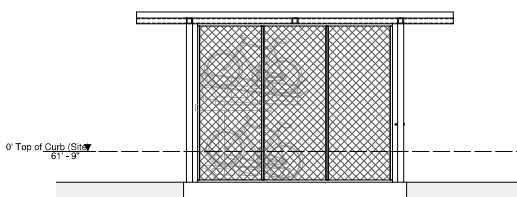
4 Class 1 North Bike Parking DA Elevation South  
1/4" = 1'-0"



5 Class 1 North Bike Parking DA Elevation East  
1/4" = 1'-0"



6 Class 1 North Bike Parking DA Elevation North  
1/4" = 1'-0"

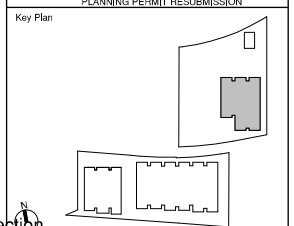


7 Class 1 North Bike Parking DA Elevation West  
1/4" = 1'-0"

| Site   | North site             |                                   |                                   |
|--|------------------------|-----------------------------------|-----------------------------------|
| Land use                                     | Corporate Office       |                                   |                                   |
| GSF  | 364,000                |                                   |                                   |
| Restaurant                                   | 13,000                 |                                   |                                   |
| Adjusted GSF                                 | 351,000                |                                   |                                   |
|  | Required parking ratio | Required number of parking spaces | Provided number of parking spaces |
| Class I Bicycle parking                      | 1 per 75% of 6,000 SF  | 44                                | 44                                |
| Class II Bicycle parking*                    | 1 per 25% of 6,000 SF  | 15                                | 15                                |
| Total Bicycle parking (Class I and Class II) |                        | 59                                | 59                                |

\*One Class II rack equals 2 bike parking spaces

| Rev. | Date        | Reason For Issue             | By  |
|------|-------------|------------------------------|-----|
| 03   | 04 MAY 2023 | Planning Permit Resubmission |     |
| 02   | 02 FEB 2023 | Planning Permit Resubmission |     |
| 01   | 31 JUL 2020 | Planning Permit Resubmission | F+P |
| 00   | 28 FEB 2020 | Planning Permit Resubmission | F+P |



Stamp

**Foster + Partners**  
 Riverside, 22 Hester Road  
 London SW11 4AN  
 T +44(0)20 7738 0455  
 www.fosterandpartners.com © Foster + Partners 2018

**ARUP**  
 560 Mission Street, Suite 700  
 San Francisco, CA 94105 (415)946-0201  
 www.arup.com

**KIER+WRIGHT**  
 3350 Scott Boulevard, Building 22  
 Santa Clara, CA 95054 (408)727-6665

**BrightView**  
 PLANNING LANDSCAPE ARCHITECTURE URBAN DESIGN  
 1715 16TH STREET SAN FRANCISCO, CA 94104 (415) 629-4707

Client  
Intuitive

Project  
Intuitive

Title  
Bike Parking North Site

|                   |             |                  |
|-------------------|-------------|------------------|
| Project No.       | Date        | Scale at Arch E1 |
| 2768              | 31 JUL 2020 | 1/4" = 1'-0"     |
| Number            | Revision    |                  |
| A-b2-321-xx-01-PL | 01          |                  |

FOR REFERENCE ONLY

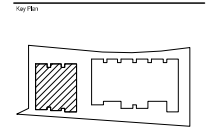






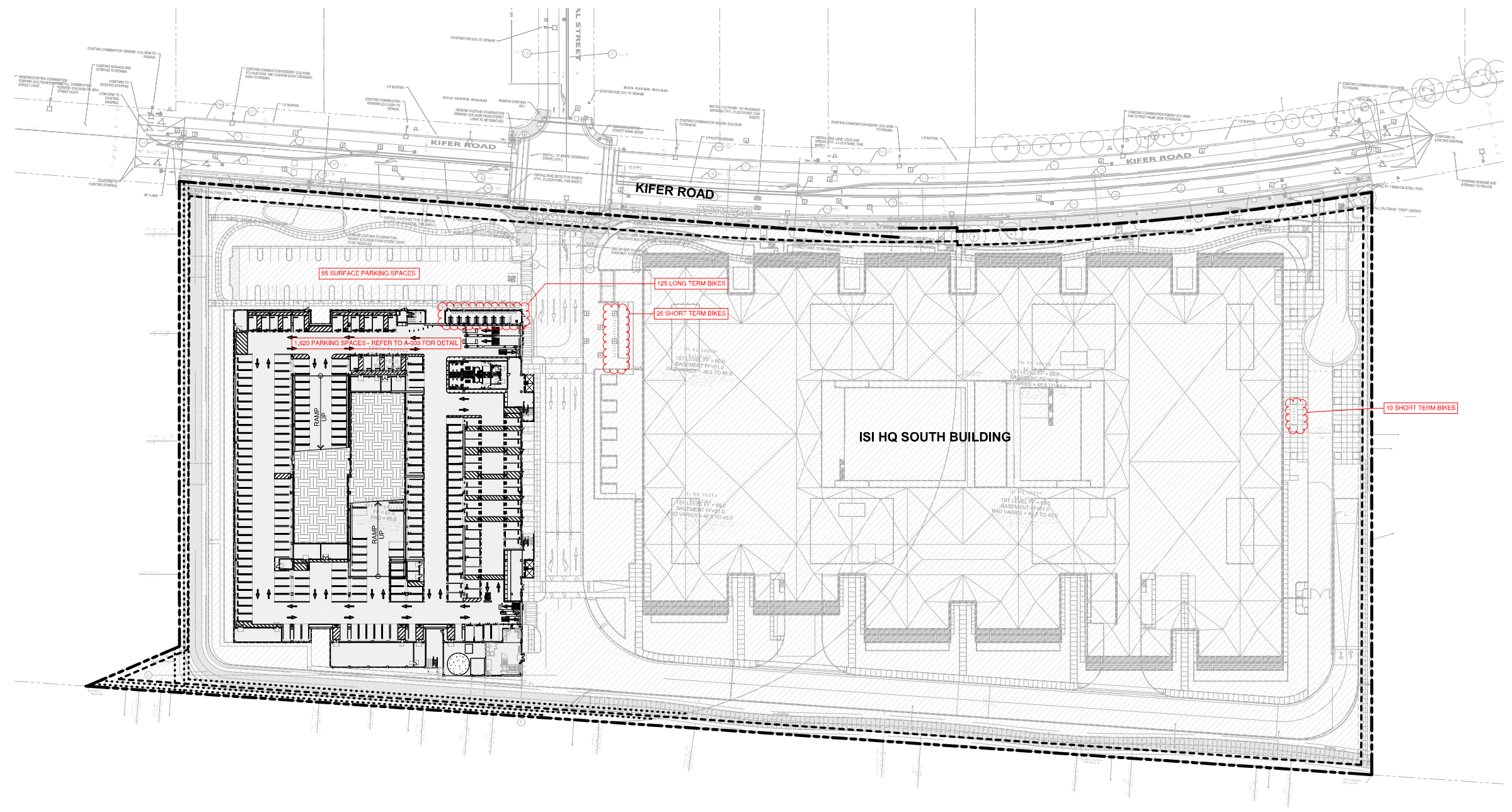
- BuildGroup**  
Contractor  
1825 S. Bascom Ave.  
San Francisco, CA 94103
- Kier + Wright**  
Civil Engineer  
2950 Calaveras Canyon Road  
Livermore, CA 94551
- Condon Johnson & Associates Inc.**  
Geotechnical Engineer  
453 Richard Way, Suite 200  
Oakland, CA 94612
- ACCO Engineered Systems**  
Mechanical & Plumbing  
2251 Quince Drive  
San Jose, CA 95131
- Rosenfeld**  
Electrical  
2558 Orchard Parkway  
San Jose, CA 95134
- Golden Bear Fire Protection**  
Fire Protection  
730-S Commodore St.  
Hayward, CA 94543
- Leitch Bates**  
Vertical Transportation, Exterior Bling Maintenance  
4400 Rockwood Way, Suite 100-10  
San Rafael, CA 94903
- HOK - Hillmuth, Obata & Kassabaum, Inc.**  
Landscape  
One Bush Street, Suite 200  
San Francisco, CA 94104 USA
- Comerstone Earth Group, Inc.**  
Geotechnical Engineer  
1258 Garwood Place,  
Sunnyvale, CA 94085

FOR REFERENCE ONLY  
UNDER SEPARATE PACKAGE  
APPLICATION # 2022-0050



Professional Seal

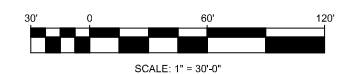
| No. | Description             | Date       |
|-----|-------------------------|------------|
| 1   | Design Development      | 08/24/2021 |
| 2   | 57% Construction Doc.   | 10/26/2021 |
| 3   | Final Construction Doc. | 11/10/2021 |
| 4   | Final Construction Doc. | 08/24/2022 |
| 5   | Final Construction Doc. | 08/15/2022 |
| 6   | Final Construction Doc. | 08/25/2022 |
| 7   | Final Construction Doc. | 10/24/2022 |
| 8   | Final Construction Doc. | 09/07/22   |



**MASTER SITE PLAN**  
1" = 40'-0"

**LEGEND**

- INDICATES PARKING STRUCTURE FOOT PRINT
- NOT IN PROJECT SCOPE - SEE PERMIT 2022-0050
- INDICATES PROPERTY LINE
- INDICATES ASSUMED PROPERTY LINE
- INDICATES PROPERTY SETBACK
- INDICATES EASEMENT LINE



SCALE: 1" = 30'-0"

Project  
**NORTH PARKING STRUCTURE**  
2900 Semiconductor Dr, Santa Clara, CA, 95051

Prepared For  
**INTUITIVE SURGICAL, INC.**  
1020 Kifer Road Sunnyvale, CA



Hellmuth, Obata & Kassabaum, Inc.  
One Bush Street, Suite 200  
San Francisco, CA 94104 USA  
t +1 415 243 0555 f +1 415 882 7763

Approved: 2/16/2024  
Revision: 01

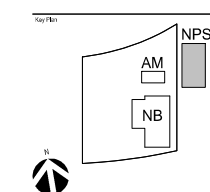
BuildGroup  
Corporation  
180 S. Van Ness Ave.  
San Francisco, CA 94103

Kier + Wright  
Civil Engineer  
2950 Calaveras Road  
Livermore, CA 94551

Taylor Engineering  
Mechanical, Electrical, Fire Protection  
1800 Menlo Village Parkway, Suite 501  
Alameda, CA 94501

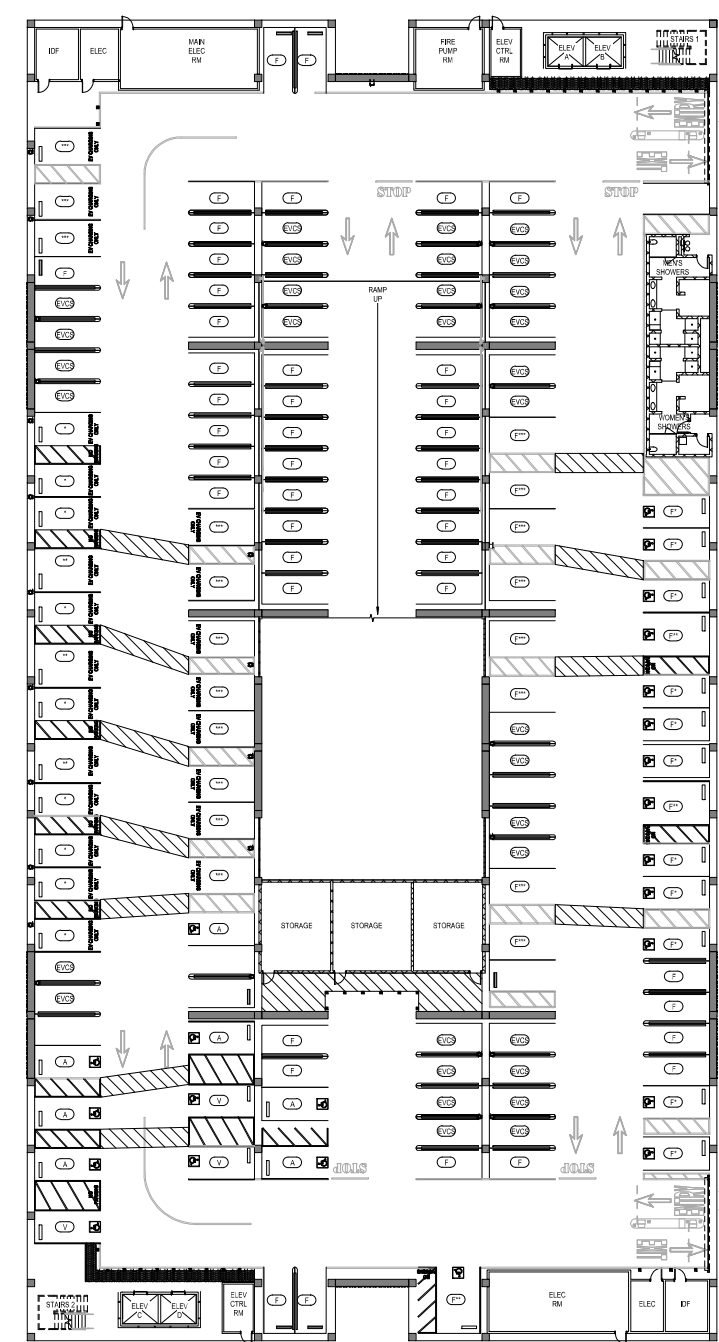
The Engineering Enterprise  
Electrical  
1300 Menlo Village Parkway  
Alameda, CA 94501

Lerch Bates  
Vertical Transportation, Exterior Sign Maintenance  
4480 Piedmont Ave, Suite 1607  
San Rafael, CA 94903

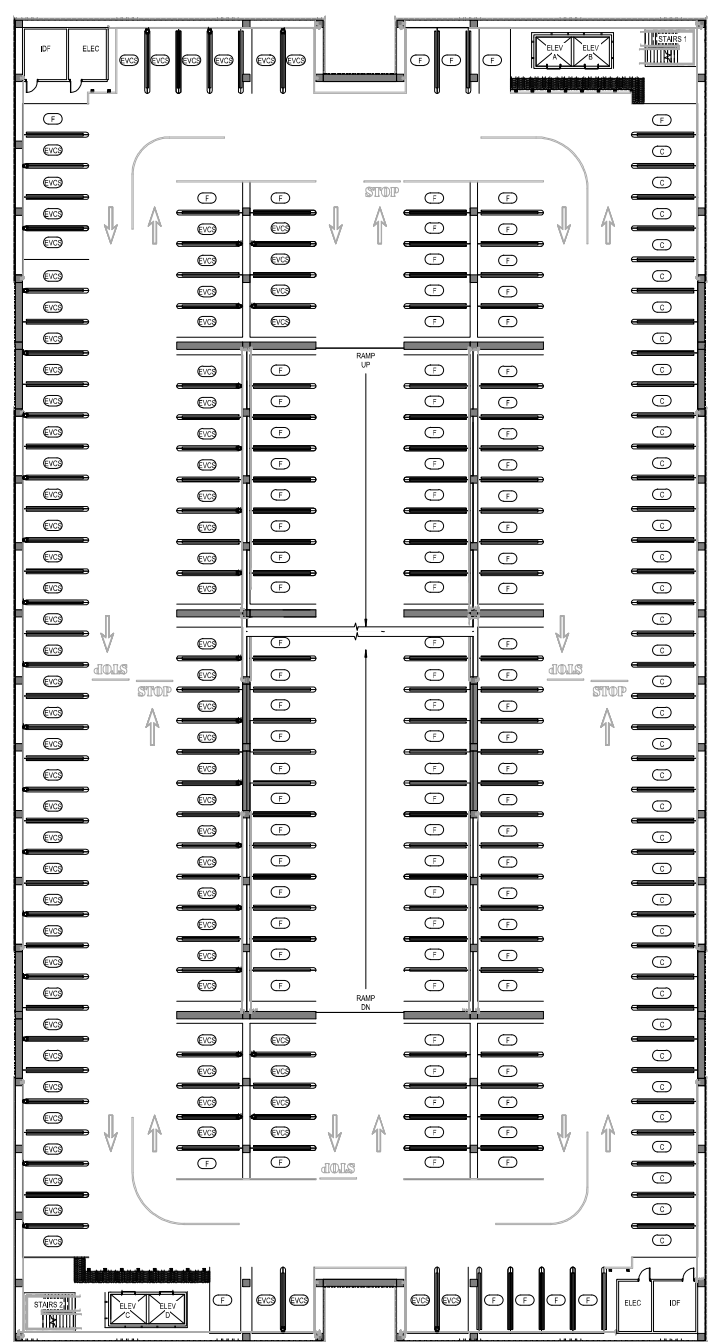


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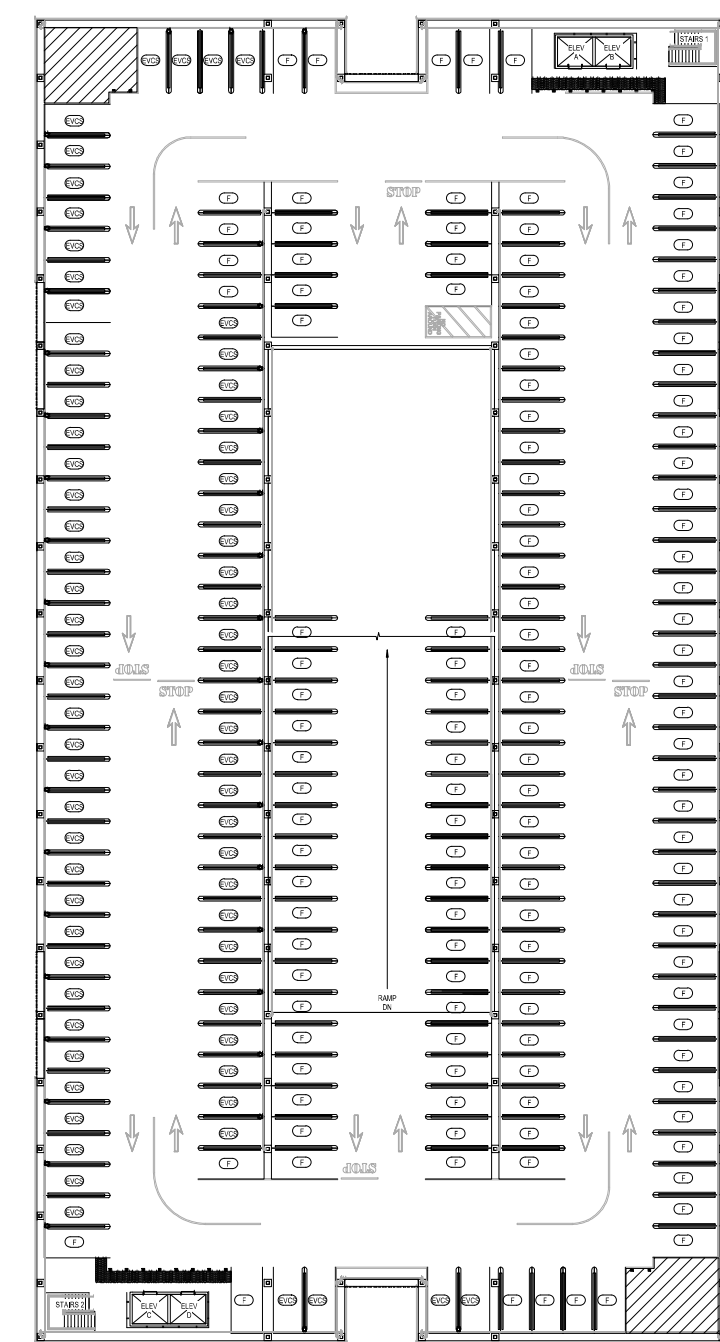
FOR REFERENCE ONLY  
UNDER SEPARATE PACKAGE  
SANTA CLARA APPLICATION #: T8D



1 LEVEL 1 PARKING  
1/16" = 1'-0"



2 LEVEL 2 THRU 5 PARKING  
1/16" = 1'-0"



3 LEVEL 6 PARKING  
1/16" = 1'-0"

PARKING REQUIREMENT

| DESCRIPTION                              | REQUIRED  |   |  |   | PROVIDED                                       |                                 |                                    |   |                   |
|--|---|---|--|---|--|---------------------------------|------------------------------------|---|-------------------|
|  | CITY OF SUNNYVALE (94 AND 106)  | CONDITIONS OF APPROVAL (APP. 20.15.1007 FOR 94 AND 106)                       | CITY OF SANTA CLARA (for remaining code) | OSC 2022  | CALGREEN 2022                                  | LEED V4                         | STALL SIDE                         | COUNT   | STALL SIDE        |
| OVERALL COUNT                            | ENTITLED: 937<br>TABLE 18.03.06(A)<br>MIN (2% REDUCTION)<br>345,000 (100% + 2.7% + 915)<br>94% A/R REDUCTION FOR SHOWERS/LOCKERS = 921<br>MAX (4% REDUCTION)<br>360,000 (100% + 4% + 390)<br>1.350 + 3% REDUCTION = 1,338 | N/A   |  | N/A   | N/A  | N/A                             | VARIES, SEE BELOW                  | 1183<br>(94 ALLOCATED FOR 94S MPFS, SUNNYVALE + 219 ALLOCATED FOR 2003 SEMI-CONDUCTOR DRIVE & 3700-KIFER BLDGS) | VARIES, SEE BELOW |
| STALL TYPES                              |   |   |  |   |  |                                 |                                    | 494   | VARIES, SEE BELOW |
| ELECTRIC VEHICLE CHARGING STATION (EVCS) |   |   |  |   |  |                                 |                                    |   |                   |
| STANDARD                                 | 35% OF TOTAL<br>25 x 9'0" x 24'   | 35% OF TOTAL<br>25 x 9'0" x 24'   | 35% OF TOTAL<br>25 x 24' x 47'           | N/A   | (TABLE 18.03.03) 5% OF TOTAL<br>25 x 1183 = 60 | 5% OF TOTAL<br>25 x 1183 = 60   | N/A                                | 41  | 8'0" x 18'        |
| VAN ACCESSIBLE                           | N/A   | N/A   | N/A                                      | USING 415 (2024) TOTAL<br>200 TABLE 228.3.2.1 + 3 | N/A  | N/A                             | 12'0" x 5' ABLE                    | 3   | 12'0" x 5' ABLE   |
| STANDARD ACCESSIBLE                      | N/A   | N/A   | N/A                                      | USING 415 TOTAL PER TABLE 228.3.2.1 + 9           | N/A  | N/A                             | 12'0" x 5' ABLE                    | 9   | 12'0" x 5' ABLE   |
| AMBULATORY                               | N/A   | N/A   | N/A                                      | USING 415 TOTAL PER TABLE 228.3.2.1 + 10          | N/A  | N/A                             | 12'0" x 5' ABLE                    | 11  | 12'0" x 5' ABLE   |
| FUTURE EV (CAPABLE)                      | 35% OF TOTAL<br>25 x 9'0" x 24'   | 65% OF TOTAL<br>25 x 9'0" x 24' (34 x 10'0" x 24' + 31% IN parking structure) | 30% OF TOTAL<br>25 x 24' x 47'           | N/A   | N/A  | 10% OF TOTAL<br>10 x 1183 = 118 | 8'0" x 17' (SANTA CLARA)           | 714   | 8'0" x 17'        |
| CARPOOL / CLEAN AIR                      | (SECTION 18.03.06) 2% OF TOTAL<br>2 x 9'0" x 24'  | N/A   | N/A                                      | N/A   | (TABLE 18.03.03) 2% OF TOTAL<br>2 x 1183 = 24  | N/A                             | 8'0" x 17' (SANTA CLARA)           | 24<br>(PART OF FUTURE EV COUNT)   | 8'0" x 17'        |
| STANDARD (EXCLUDING INSTALLED EVCS)      | N/A   | N/A   | N/A                                      | 2% OF TOTAL (TABLE 18.03.03)<br>2 x 1183 = 24     | N/A  | N/A                             | 8'0" x 17' (SANTA CLARA)           | 24  | 8'0" x 17'        |
| ACCESSIBLE                               | N/A   | N/A   | N/A                                      | 118-206.2.1 PER ACC. COUNT<br>15.8 x 5.3          | N/A  | N/A                             | 12'0" x 5' ABLE OR 8'0" x 17' ABLE | 16  | 12'0" x 5' ABLE   |
| VAN ACCESSIBLE                           | N/A   | N/A   | N/A                                      | 118-206.2.1 PER ACC. COUNT<br>15.8 x 5.3          | N/A  | N/A                             | 12'0" x 5' ABLE OR 8'0" x 17' ABLE | 6   | 12'0" x 5' ABLE   |

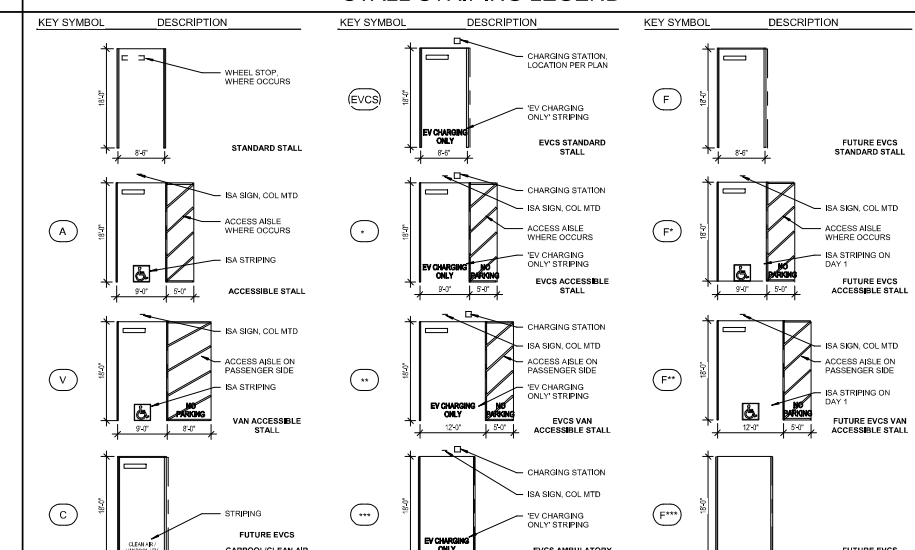
NOTES:  
- SHORT AND LONG TERM (BICYCLE) PARKING IS PROVIDED UNDER A SEPARATE PACKAGE IN THE SUNNYVALE SITE FOR THE NORTH BLDG (94S MPFS)  
- SHORT AND LONG TERM (BICYCLE) PARKING IS PROVIDED UNDER A SEPARATE PACKAGE IN THE SUNNYVALE SITE FOR THE NORTH BLDG (94S MPFS)

PARKING COUNT PER LEVEL

| LEVEL | NON-EV STALLS |            | EV INSTALLED |                |            |       | EV FUTURE |                |            |       | TOTAL |
|-------|---------------|------------|--------------|----------------|------------|-------|-----------|----------------|------------|-------|-------|
|       | STANDARD      | ACCESSIBLE | STANDARD     | VAN ACCESSIBLE | AMBULATORY | TOTAL | STANDARD  | VAN ACCESSIBLE | AMBULATORY | TOTAL |       |
| 1     | 5             | 7          | 0            | 0              | 0          | 12    | 0         | 0              | 0          | 12    | 134   |
| 2     | 0             | 0          | 0            | 0              | 0          | 0     | 0         | 0              | 0          | 0     | 212   |
| 3     | 0             | 0          | 0            | 0              | 0          | 0     | 0         | 0              | 0          | 0     | 192   |
| 4     | 0             | 0          | 0            | 0              | 0          | 0     | 0         | 0              | 0          | 0     | 212   |
| 5     | 0             | 0          | 0            | 0              | 0          | 0     | 0         | 0              | 0          | 0     | 207   |
| 6     | 0             | 0          | 0            | 0              | 0          | 0     | 0         | 0              | 0          | 0     | 207   |
| TOTAL | 5             | 7          | 0            | 0              | 0          | 12    | 0         | 0              | 0          | 12    | 714   |

NOTE:  
- 94 STALLS ARE ALLOCATED FOR 94S MPFS, SUNNYVALE PER SHARED USE AGREEMENT

STALL STRIPING LEGEND



| No. | Description        | Date       |
|-----|--------------------|------------|
| 1   | REVISION SUBMITTED | 02/16/2024 |
| 2   | REVISION SUBMITTED | 02/16/2024 |
| 3   | REVISION SUBMITTED | 02/16/2024 |
| 4   | REVISION SUBMITTED | 02/16/2024 |
| 5   | REVISION SUBMITTED | 02/16/2024 |

Project No.: 20-24345-00  
Sheet No.:  
G10-002

















Project  
**ISI HQ NORTH BUILDING**  
945 Kifer Road, Sunnyvale, CA, 94085

Prepared For  
**INTUITIVE SURGICAL, INC.**  
1020 Kifer Road Sunnyvale, CA



Hill, Obata & Kassabaum, Inc.  
One Bush Street, Suite 200  
San Francisco, CA 94104 USA  
t +1 415 243 0555 f +1 415 882 7763

Approved for Construction Permit # 201201000000000000

**BullGroup**  
Contractor  
183 S. Van Ness Ave.  
San Francisco, CA 94103

**Kier + Wright**  
Civil Engineer  
2051 Collier Canyon Road  
Livermore, CA 94551

**Compton**  
Geotechnical Engineer  
1250 Diamond Parkway  
Sunnyvale, CA 94085

**Taylor Engineering**  
Mechanical, Plumbing, Fire Protection  
1200 Marina Village Parkway, Suite 201  
Alameda, CA 94501-1142

**The Engineering Enterprise**  
Electrical  
120 Marina Village Parkway  
Alameda, CA 94501

**Lench Bates**  
Vertical Transportation, Exterior Sign Maintenance  
4400 Rockwood Hwy, Suite 18-510  
San Ramon, CA 94583

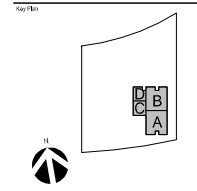
**KSH Architects**  
Enriquez ACR  
840 Sutter Street  
San Francisco, CA 94108



North Site  
Existing Block Elevation 945/955 Kifer Road



North Site Existing Buildings  
Fitness Center 945 Kifer Road



Professional Stamp

| No. | Description             | Date       |
|-----|-------------------------|------------|
| 1   | PLANNING RESUBMITTAL 1A | 01/24/2012 |
| 2   | PLANNING RESUBMITTAL 1B | 02/14/2012 |
| 3   | PLANNING RESUBMITTAL 1C | 02/14/2012 |
| 4   | PLANNING RESUBMITTAL 1D | 02/14/2012 |
| 5   | PLANNING RESUBMITTAL 1E | 02/14/2012 |

Project No.: 201201000000000000  
Sheet Title:  
**EXISTING SITE & BUILDINGS**

Project  
**ISI HQ NORTH BUILDING**  
945 Kifer Road, Sunnyvale, CA, 94085

Prepared For  
**INTUITIVE SURGICAL, INC.**  
1020 Kifer Road Sunnyvale, CA



Hillier, Obata & Kassabaum, Inc.  
One Bush Street, Suite 200  
San Francisco, CA 94104 USA  
t +1 415 243 0555 f +1 415 882 7763

Approved for Construction Permit on 02/20/2020

Build Group

Contractor  
183 S. Van Ness Ave.  
San Francisco, CA 94103

Kier + Wright

Civil Engineer  
2951 Collier Canyon Road  
Livermore, CA 94551

Competition

Geotechnical Engineer  
125a Diamond Parkway  
Sunnyvale, CA 94085

Taylor Engineering

Mechanical, Plumbing, Fire Protection  
1300 Marina Village Parkway, Suite 501  
Alameda, CA 94501-1142

The Engineering Enterprise

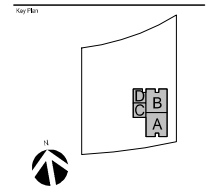
Electrical  
130 Marina Village Parkway  
Alameda, CA 94501

Lench Bates

Vertical Transportation, Exterior Bldg Maintenance  
4400 Ravenswood Way, Suite 18-510  
San Rafael, CA 94903

KSH Architects

Envelope ADR  
540 Sutter Street  
San Francisco, CA 94108



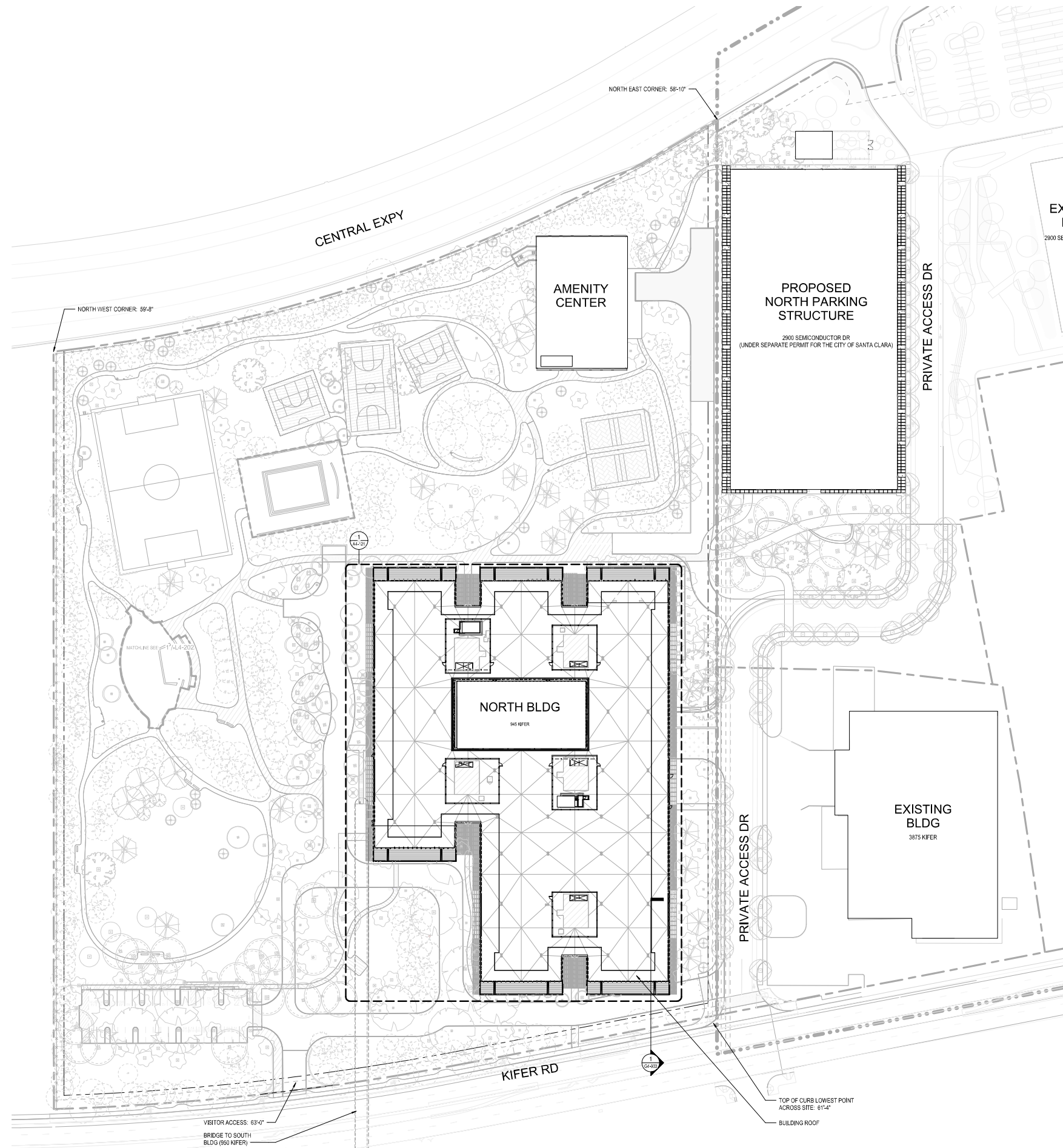
Professional Stamp

| No. | Description           | Date       |
|-----|-----------------------|------------|
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| 2   | PLANNING SUBMITTAL_02 | 02/20/2020 |
| 3   | PLANNING SUBMITTAL_03 | 02/20/2020 |
| 4   | PLANNING SUBMITTAL_04 | 02/20/2020 |
| 5   | PLANNING SUBMITTAL_05 | 02/20/2020 |

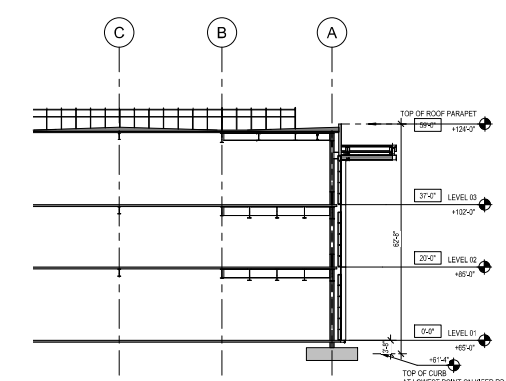
Project No.: 2019495.02  
Sheet Title:  
**GRADING & BUILDING HEIGHT**

Sheet Number

G4-903



1 BUILDING HEIGHT  
1/8" = 1'-0"



2 SITE PLAN  
1" = 48'-0"

20190420.11.0001.PW



Project  
ISI HQ NORTH BUILDING  
945 Kifer Road, Sunnyvale, CA, 94085

Prepared For  
INTUITIVE SURGICAL, INC.  
1020 Kifer Road Sunnyvale, CA



Hellmuth, Obata & Kassabaum, Inc.  
One Bush Street, Suite 200  
San Francisco, CA 94104 USA  
t +1 415 243 0555 f +1 415 882 7763

Approved: 2/16/2016, 10:00 AM (Project) 2/20/16

Revision No.

BuildGroup  
Contractor  
183 S. Van Ness Ave.  
San Francisco, CA 94103

Kier + Wright  
Civil Engineer  
2951 Collier Canyon Road  
Livermore, CA 94551

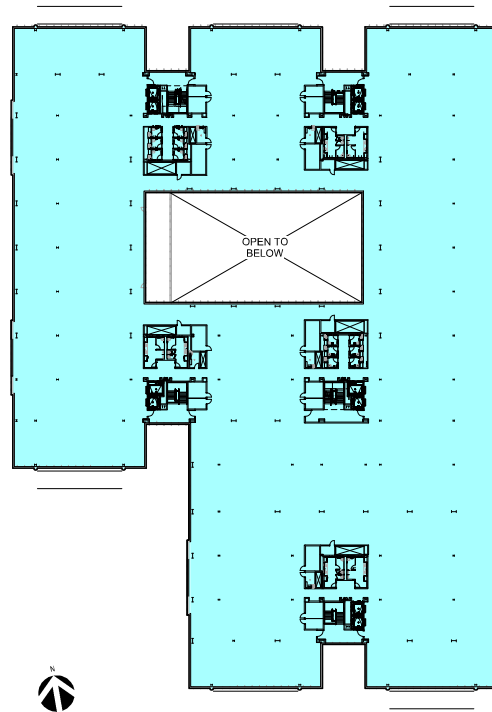
Comston  
Mechanical Engineer  
1251 Diamond Parkway  
Sunnyvale, CA 94085

Taylor Engineering  
Mechanical, Plumbing, Fire Protection  
1200 Marina Village Parkway, Suite 501  
Alameda, CA 94501-1142

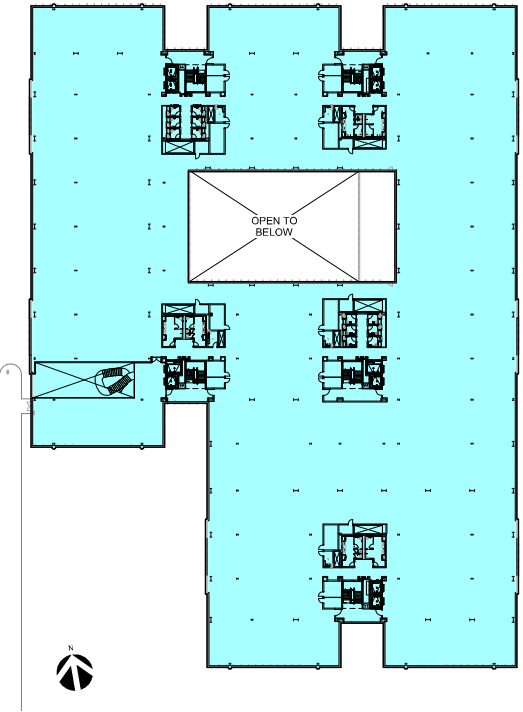
The Engineering Enterprise  
Electrical  
120 Marina Village Parkway  
Alameda, CA 94501

Lerch Bates  
Vertical Transportation, Exterior Bldg Maintenance  
440 Ravenswood Ave, Suite 18-510  
San Rafael, CA 94903

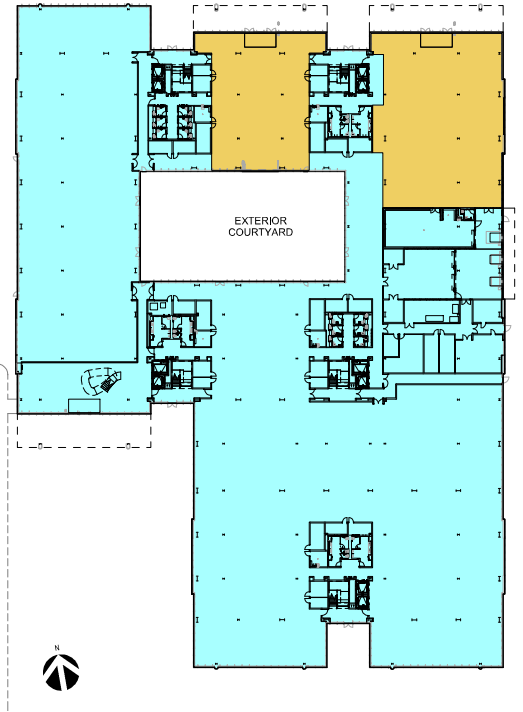
KSH Architects  
Envision ADR  
540 Sutter Street  
San Francisco, CA 94108



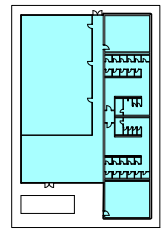
3 PLANNING GROSS AREA - LEVEL 03  
1" = 48" 0"



2 PLANNING GROSS AREA - LEVEL 02  
1" = 48" 0"



1 PLANNING GROSS AREA - LEVEL 01  
1" = 48" 0"



4 PLANNING GROSS AREA - AMENITIES BLDG  
1" = 48" 0"

| PLANNING GROSS AREA - AMENITIES |                 |
|---------------------------------|-----------------|
| LEVEL                           | AREA            |
| LEVEL 01                        | 11000 SF        |
| <b>GRAND TOTALS</b>             | <b>11000 SF</b> |

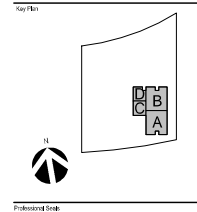
**SUNNYVALE DEFINITION: GROSS FLOOR AREA**  
18,12,000' SQ. FT. GROSS FLOOR AREA MEANS THE FOLLOWING: THE SUM OF THE AREAS COMPUTED FROM THE OUTSIDE FINISHES OF A BUILDING INCLUDING CORRIDORS, SUPPORTING COLUMNS, AND UNSUPPORTED WALL PROJECTIONS (EXCEPT FOR EAVES, UNCOVERED BALCONIES, UNCOVERED PORCHES ON THE GROUND FLOOR, UNCOVERED STAIRWAYS, FIRE ESCAPES, LANDING PLATES, TERRACES, AND SIMILAR ARCHITECTURAL FEATURES) FOR EACH FLOOR INCLUDING MEZZANINE FLOORS AND ENCLOSED AND UNENCLOSED ROOFED PATIOS WHERE THE ROOF IS MORE THAN 50 PERCENT SOLID.

| PLANNING GROSS AREA - NORTH BLDG |                  |
|----------------------------------|------------------|
| LEVEL                            | AREA             |
| LEVEL 01                         | 123338 SF        |
| LEVEL 02                         | 117560 SF        |
| LEVEL 03                         | 117263 SF        |
| <b>GRAND TOTALS</b>              | <b>358161 SF</b> |

LEVEL 01 EMPLOYEE RESTAURANT/CAFE: 13,000 SF  
INCLUDED IN LEVEL 1 AREA  
NOTE: PREVIOUS TOTAL GFA WAS 361,000 SF  
DUE TO UNDERGROUND BASEMENT (17,000 SF)

LEGEND

- OFFICE, R&D - 345,000 SF
- RESTAURANT + CAFE - 13,000 SF
- COURTYARD - 10,462 SF
- MECH & ELEVATOR SHAFTS (INCLUDED IN OFFICE, R&D AREA ABOVE)



Professional Seal

| No. | Description           | Date     |
|-----|-----------------------|----------|
| 1   | PLANNING SUBMITTAL 01 | 02/24/16 |
| 2   | PLANNING SUBMITTAL 02 | 02/24/16 |
| 3   | PLANNING SUBMITTAL 03 | 02/24/16 |
| 4   | PLANNING SUBMITTAL 04 | 02/24/16 |
| 5   | PLANNING SUBMITTAL 05 | 02/24/16 |

Project No.: 20134345.02  
Sheet Title:

BUILDING AREA







Project  
**ISI HQ NORTH BUILDING**  
945 Kifer Road, Sunnyvale, CA, 94085

Prepared For  
**INTUITIVE SURGICAL, INC.**  
1020 Kifer Road Sunnyvale, CA



Hillier, Obata & Kassabaum, Inc.  
One Bush Street, Suite 200  
San Francisco, CA 94104 USA  
t +1 415 243 0555 f +1 415 882 7763

# Approval: 2014-04-08 (Amendment 2) 2014

# Revision: 04

**Build Group**

Contractor  
183 S. Van Ness Ave.  
San Francisco, CA 94103

**Kier + Wright**

Civil Engineer  
2951 Collier Canyon Road  
Livermore, CA 94551

**Comerston**

Geotechnical Engineer  
1256 Diamond Parkway  
Sunnyvale, CA 94085

**Taylor Engineering**

Mechanical, Plumbing, Fire Protection  
1300 Menlo Village Parkway, Suite 501  
Alameda, CA 94501-1142

**The Engineering Enterprise**

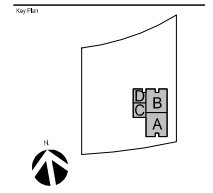
Electrical  
1300 Menlo Village Parkway  
Alameda, CA 94501

**Lench Bates**

Vertical Transportation, Exterior Sign Maintenance  
4400 Rowland Way, Suite 18-510  
San Rafael, CA 94903

**KSH Architects**

Envision ACR  
545 S. Shore Street  
San Francisco, CA 94108



Professional Seal:

| No. | Description           | Date       |
|-----|-----------------------|------------|
| 1   | PLANNING SUBMITTAL 01 | 02/04/2014 |
| 2   | PLANNING SUBMITTAL 02 | 02/10/2014 |
| 3   | PLANNING SUBMITTAL 03 | 02/17/2014 |
| 4   | PLANNING SUBMITTAL 04 | 02/24/2014 |

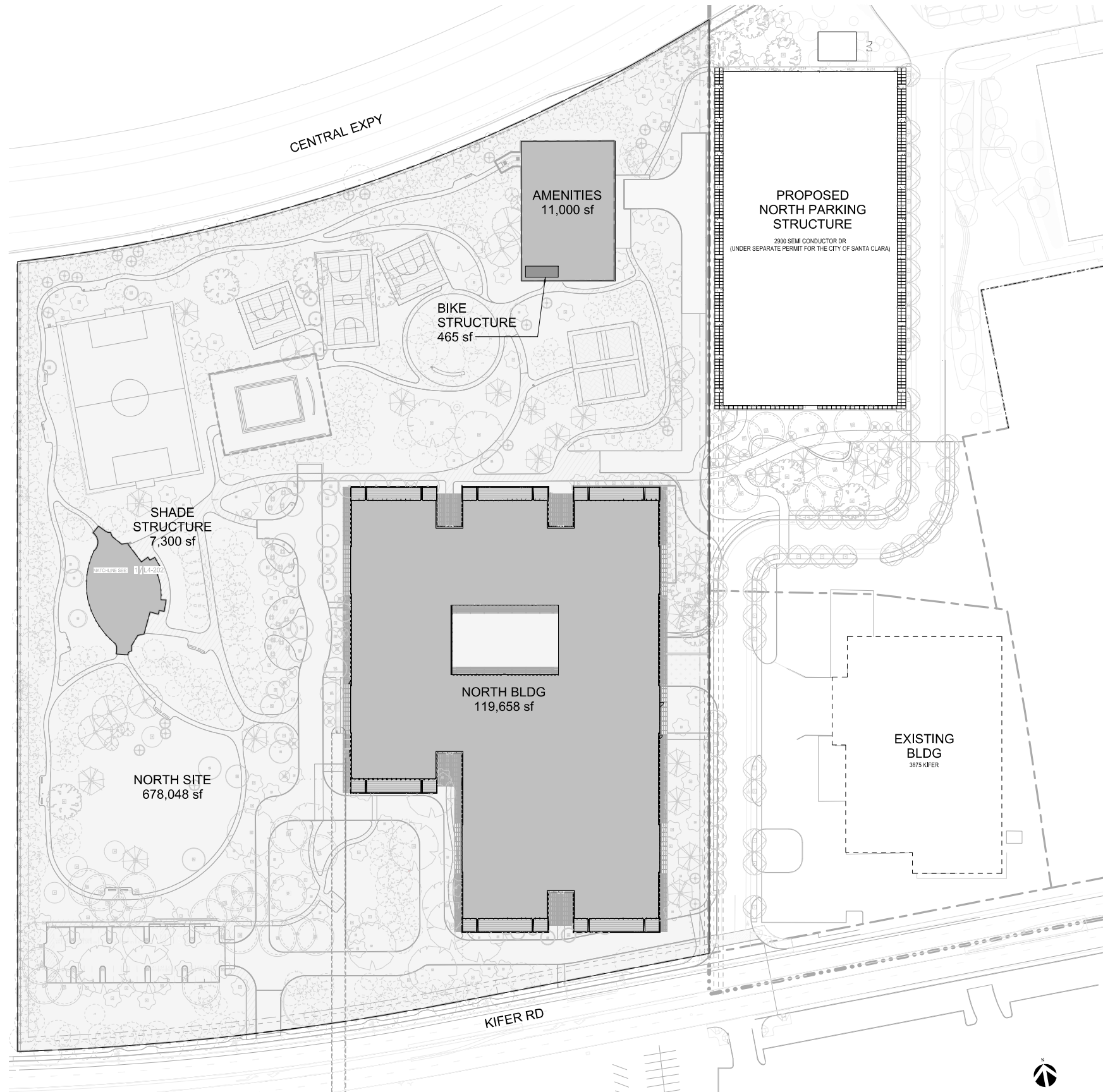
Project No.: 2014045.02

Sheet Title:

**LOT COVERAGE  
DIAGRAM**

Sheet Number:

**G4-906**



**LOT COVERAGE**

| LOT SIZE                     | BLDG                          | PROPOSED COVERAGE | EXISTING COVERAGE   |
|------------------------------|-------------------------------|-------------------|---|
| NORTH SITE 849955 KIFER ROAD | MULTI-PURPOSE AMENITIES BLDG. | 11,000 sf         | COVERED STRUCTURES (LOT SIZE = 137,658 SF / 878,048 SF = 20%) |
|                              | NORTH BLDG                    | 119,658 sf        |   |
|                              | SHADE STRUCTURE               | 7,300 sf          |   |
|                              | TOTAL                         | 137,658 sf        |   |

**SUNNYVALE DEFINITION: LOT COVERAGE**  
 (50% LOT COVERAGE) MEANS THE LAND AREA COVERED BY ALL BUILDINGS ON ANY LOT AS COMPUTED FROM THE OUTSIDE DIMENSION OF EACH BUILDING, INCLUDING CORRIDORS, SUPPORTING COLUIMS, AND UNSUPPORTED WALL PROJECTS (EXCEPT EAVES, UNCOVERED BALCONIES, PORCHES AND STAIRWAYS, FIRE ESCAPES, LANDING PLACES, FIREPLACES, AND SIMILAR ARCHITECTURAL FEATURES), AND ENCLOSED AND UNENCLOSED ROOFED PATIOS WHERE THE ROOF IS MORE THAN 18 IN. RESIDENT SOLID, UNDERGROUND PARKING STRUCTURES WHICH DO NOT PROTRUDE ABOVE FINISHED GRADE SHALL NOT BE CALCULATED IN LOT COVERAGE PERCENTAGES.

**LEGEND**

- EXISTING BUILDING
- PROPOSED BUILDING
- SITE BOUNDARY

**1 LOT COVERAGE DIAGRAM**  
T-402P

2014045.02.1118.PW







Project  
**ISI HQ NORTH BUILDING**  
945 Kifer Road, Sunnyvale, CA, 94085

Prepared For  
**INTUITIVE SURGICAL, INC.**  
1020 Kifer Road Sunnyvale, CA



**Hellmuth, Obata & Kassabaum, Inc.**  
One Bush Street, Suite 200  
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t +1 415 243 0555 f +1 415 882 7763

Approved for Construction Permit on 02/20/2020

**BullGroup**  
Contractor  
183 S. Van Ness Ave.  
San Francisco, CA 94103

**Kier + Wright**  
Civil Engineer  
2051 Collier Canyon Road  
Livermore, CA 94551

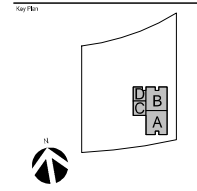
**Comerston**  
Geotechnical Engineer  
1250 Damwood Parkway  
Sunnyvale, CA 94085

**Taylor Engineering**  
Mechanical, Plumbing, Fire Protection  
1200 Marina Village Parkway, Suite 501  
Alameda, CA 94501-1142

**The Engineering Enterprise**  
Electrical  
120 Marina Village Parkway  
Alameda, CA 94501

**Lench Bates**  
Vertical Transportation, Exterior Sign Maintenance  
4400 Ravenswood Ave, Suite 18-510  
San Rafael, CA 94903

**KSH Architects**  
Envision A/E/C  
540 Sutter Street  
San Francisco, CA 94108



Professional Stamp

| No. | Description               | Date       |
|-----|---------------------------|------------|
| 1   | PLANNING RESUBMITTALS, 02 | 02/20/2020 |
| 2   | PLANNING RESUBMITTALS, 02 | 02/20/2020 |
| 3   | PLANNING RESUBMITTALS, 02 | 02/20/2020 |
| 4   | PLANNING RESUBMITTALS, 02 | 02/20/2020 |

Project No: 20-24345-02  
Sheet Title:  
**NORTH BLDG KIFER RD  
STREET VIEW  
RENDERING**

Sheet Number  
**G4-908**

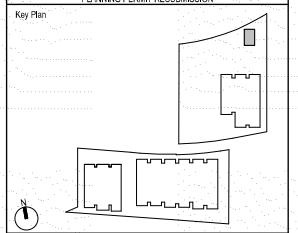






- General Notes  
 1. Do not scale drawings. Dimensions govern.  
 2. All dimensions are in feet and inches.  
 3. All levels are in feet and inches above sea level.  
 4. All dimensions shall be rounded up to the next whole number.  
 5. Foster + Partners shall be notified in writing of any discrepancies.  
 6. Any areas indicated on this sheet are approximate and indicative only.

| Rev. | Date        | Reason for Issue             | By  | CHK |
|------|-------------|------------------------------|-----|-----|
| 02   | 31 JUL 2020 | Planning Permit Resubmission | F+P |     |
| 01   | 28 FEB 2020 | Planning Permit Resubmission | F+P |     |
| 00   | 12 JUL 2019 | Planning Permit              | F+P |     |



Stamp

**Foster + Partners**  
 Riverside, 22 Hester Road  
 London SW11 4AN  
 T +44(0)20 7738 0455  
 www.fosterpartners.com © Foster + Partners 2018

**ARUP**  
 560 Mission Street, Suite 700  
 San Francisco, CA 94105 (415)946-0201  
 www.arup.com

**KIER+WRIGHT**  
 3350 Scott Boulevard, Building 22  
 Santa Clara, CA 95054 (408)727-6665

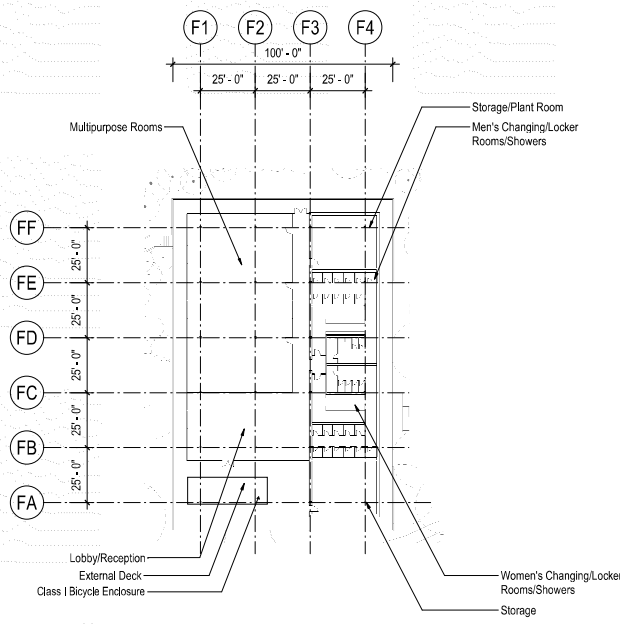
**BrightView**  
 PLANNING LANDSCAPE ARCHITECTURE URBAN DESIGN  
 1715 16TH STREET SAN FRANCISCO, CA 94104 (415) 625-4707

Client  
**Intuitive**

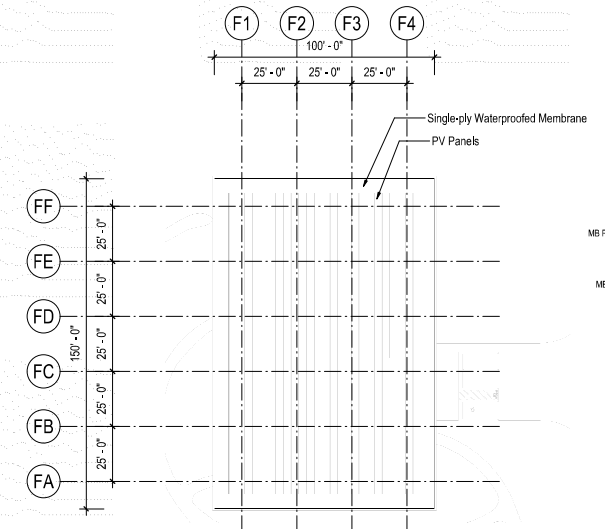
Project  
**Intuitive**

Title  
**Multipurpose Building  
 Plans, Sections and Elevations**

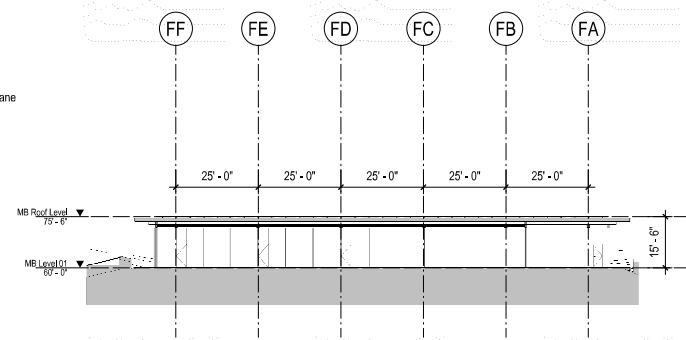
|                                    |                            |   |
|------------------------------------|----------------------------|---|
| Project No.<br><b>2768</b>         | Date<br><b>31 JUL 2020</b> | Scale at Arch E1<br><b>As indicated</b> |
| Number<br><b>A-mb-xxx-xx-01-PL</b> | Revision<br><b>02</b>      |   |



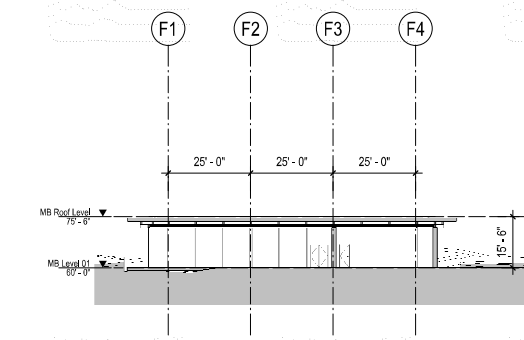
**1** Multipurpose Building, Plan Level 1  
 1/32" = 1'-0"



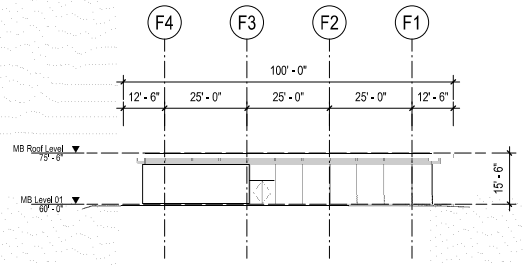
**2** Multipurpose Building, Roof Plan  
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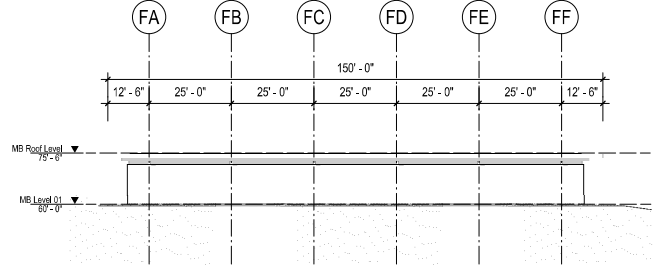
**3** Multipurpose Building, Longitudinal Section  
 3/64" = 1'-0"



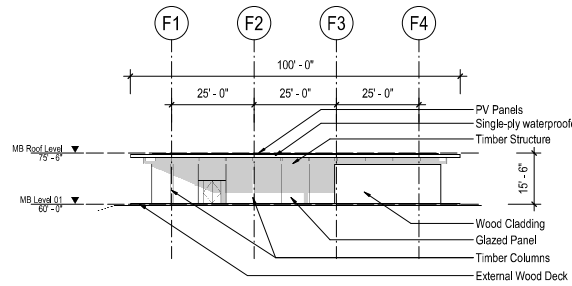
**4** Multipurpose Building, Cross Section  
 3/64" = 1'-0"



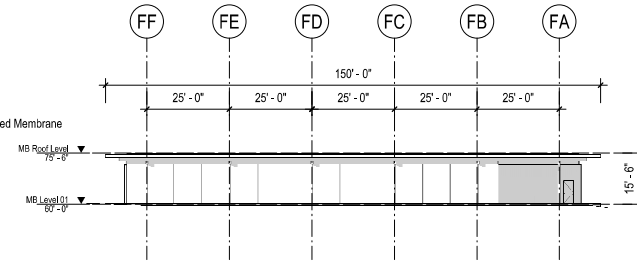
**5** Multipurpose Building, North Elevation  
 3/64" = 1'-0"



**6** Multipurpose Building, East Elevation  
 3/64" = 1'-0"



**7** Multipurpose Building, South Elevation  
 3/64" = 1'-0"



**8** Multipurpose Building, West Elevation  
 3/64" = 1'-0"



**FOR REFERENCE ONLY**