ARCHITECTURAL FOUNDATION SAN FRANCISCO

2022 HIGH SCHOOL DESIGN COMPETITION

Welcome

Dear High School Student & Educator,

We are pleased to invite you to participate in the Architectural Foundation of San Francisco's Fifty-Third annual High School Design Competition. This is an exciting competition where high school students put their design skills, creativity, spatial and analytical thinking and craftsmanship to the test. With the guidance of instructors – or in some cases for those who opt to treat this creative challenge as an independent study endeavor – high school students conceptualize a design and communicate their solutions through drawings, models and writing. Participation in this design exercise is open to all high school levels students throughout the world. This competition provides young thinkers with the opportunity to participate in what is a very unique learning project.

The Architectural Foundation of San Francisco is a nonprofit educational organization that involves students in a mentored appreciation of architecture, engineering, construction and the design process. San Francisco reigns as one of the most architecturally significant and beautiful cities in the world. The environment of architectural diversity is extremely important to the vitality of this great city. Everywhere, the vibrant and complex layering of landscape, color, cultures and light produces experiences that unexpectedly reveal themselves. Since its inception in 1990, the Architectural Foundation of San Francisco has endeavored to reach out to the general public to establish an open dialogue on the architectural future of this community.

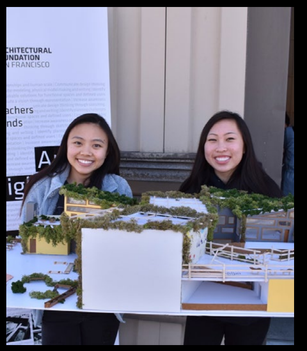
To receive more information about the Architectural Foundation of San Francisco, please visit www.afsf.org or email Alan Sandler at alan@afsf.org. For specific competition-related inquiries and/or to receive competition updates, please contact Ryan Lee at ryan@afsf.org. Please utilize the live links (in red) embedded in this PDF for reference.

Thank you for your interest and we look forward to seeing your designs!

Sincerely,

Ryan Lee
Competition Chair & Author
Vice President – Board of Directors, AFSF
Senior Associate, Woods Bagot

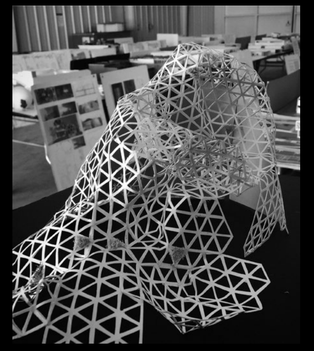
Alan Sandler
Executive Director, AFSF



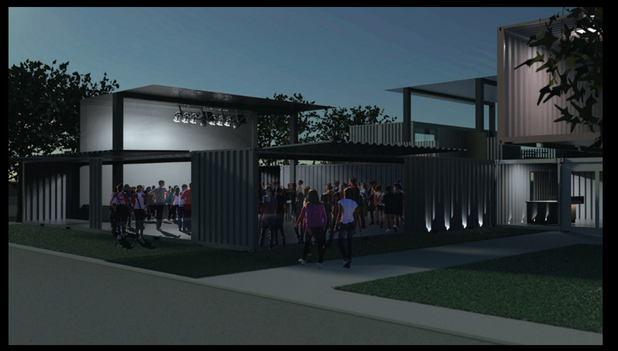
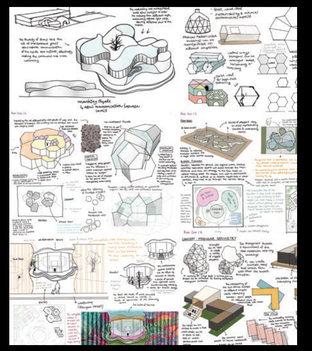
Competition History

For fifty three years, there has been an architectural design competition for Bay Area high school students. This annual event challenges students to think critically and conceptualize a design for a new building, requiring students to submit drawings, models and a written description capturing their design approach and ultimate solution. Every year hundreds of students from various high schools participate. Many of San Francisco's leading architects participated in the annual event when they were in high school and credit the competition with helping influence their career paths.

In 1969, the American Institute of Architects San Francisco Chapter established the Annual High School Architectural Design Competition. In 2000, sponsorship of the competition was transferred to the Architectural Foundation of San Francisco (AFSF). Over the years, AFSF has seen design technology evolve. When the competition began, drawings and renderings were completed in pen and ink – using hand-drafting tools – and line weight and lettering styles were emphasized in the judging process. With the introduction of Computer Assisted Design (CAD) made widely available in classrooms in the early 2000's, students began incorporating computer generated drawings on their presentation boards. Currently, most students utilize 3D modeling as a design tool, be it modeling in programs such as SketchUP, Rhino and/or Build Information Modeling (BIM) designs completed in Autodesk Revit Architecture and rendered in Enscape or Lumion. In 2011, AFSF created a new category for the competition, allowing students who used 3D modeling software to include digital renderings as a part of their submission, with a separate prize given for Best 3D Rendering. With the world upended in 2020, AFSF pivoted the competition to an all-virtual offering, enabling students to present their design proposals through digital slide decks and video descriptions. Regardless of the chosen design medium to communicate ideas throughout the years, this competition has always served as a forum for students to not only think critically about the built environment but to also execute creative solutions.



Competition Summary

ARCHITECTURAL FOUNDATION SAN FRANCISCO

Program
This is an architectural design competition sponsored by the Architectural Foundation of San Francisco.

Design Challenge
Design an Equitable Transit-Oriented Development (ETOD) for the Mariposa Street Station as part of the San Francisco County Transportation Authority's Pennsylvania Avenue Extension.

Eligibility
The program is distributed to all high school students throughout the greater San Francisco Bay Area but participation is both encouraged and welcomed from all high school-level students interested from throughout the world.

Educational Objectives
- Increase your awareness of the relationship between space, human scale and function
- Gain experience in communicating your planning and design ideas through drawings and models
- Recognize the varied problems in planning and designing functional spaces for defined uses
- Develop design skills through sketching, hand drawing, computer-aided design platforms and model making

Costs
No entry fee and no pre-registration is required.

Awards
This is a judged competition with monetary awards.

Schedule
February 15, 2022 | competition announcement
May 20, 2022 | competition entries due
May 22, 2022 | awards ceremony – details will be communicated to teachers and posted on www.afsf.org

Contact
Ryan Lee | Competition Chair and Author | ryan@afsf.org

Competition Sponsorship

Sponsor
This year's 2022 competition is sponsored by Forge Development Partners | Sustainable and affordable living for the urban environment

Forge Development Partners is creating high-tech, sustainable workforce housing solutions for people in the urban core. We are creating a new urban housing model that achieves environmental sustainability, affordability, and quality. Forge is committed to making our buildings and the construction process less impactful to the environment and local community, while also providing tremendous benefits for the building residents, not sacrificing quality, technology, or amenities.

ARCHITECTURAL FOUNDATION SAN FRANCISCO

DESIGN CONTEXT

Design Context

City of San Francisco
Climate Action Plan

On December 8, 2021 San Francisco Mayor London Breed announced the 2021 Climate Action Plan with implementable strategies intent on achieving net-zero emissions by 2040. Not only is the Plan focused on reducing emissions but it also aims to build greater racial and social equity, protect public health, increase community resilience, and foster a more just economy.[1]

1 Climate Action Plan

Image Ref: SF Planning, Climate Action Plan

Design Context

City of San Francisco
Climate Action Plan

The primary strategies and actions identified cover six key areas[1]:

1. Energy Supply
2. Building Operations
3. Transportation & Land Use
4. Housing
5. Responsible Production & Consumption
6. Healthy Ecosystems

1 Climate Action Plan

Image Ref: San Francisco's Climate Action Plan

Design Context

City of San Francisco
Climate Action Plan

Stated goals under the Transportation & Land Use strategy include:

- Invest in public and active transportation projects;
- Increase density and mixed-use land near transit;
- Accelerate adoption of zero emission vehicles and expansion of public charging infrastructure[1]

1 Climate Action Plan

Image Ref: Salesforce Transit Center

Design Context

Salesforce Transit Center

Salesforce Transit Center is San Francisco's new regional transit hub connecting eight Bay Area counties and the State of California. Phase One, which brings regional and local bus service to the transit center is already complete. Phase Two, the Caltrain Downtown Rail Extension, will bring in Caltrain train service from the peninsula and eventually California High-Speed Rail trains from Southern California into an underground station of the Salesforce Transit Center.[1]

1 SFCTA – Salesforce Transit Center

Image Ref: Salesforce Transit Center

Design Context

Downtown Rail Extension

The Downtown Rail Extension project will extend Caltrain and future California High-Speed Rail service from the existing 4th and King St. station and railyard to the newly constructed Salesforce Transit Center.[1] The project includes routing rail lines completely underground starting near the current 22nd St. Caltrain station. The existing at-grade 4th and King St. station and railyard would be demolished and redeveloped for a massive future mixed-use project.[2]

1 SFCTA – Downtown Rail Extension
2 Path for Trains to Reach SF's New Transit Center Has Been Picked

Image Ref: SFCTA – Downtown Rail Extension

Design Context

Pennsylvania Avenue Extension

Recommended by the SF Planning Department's Railyard Alignment and Benefits Study, the Pennsylvania Avenue Extension will be designed to connect to the Downtown Rail Extension and will support future uninterrupted passenger rail service through San Francisco. The project will place current Caltrain and future California High-Speed Rail passenger rail lines underground, allowing vehicle, pedestrian, and bicycle traffic to flow uninterrupted and improve safety for all road users.[1]

1 Pennsylvania Avenue Extension

Image Ref: SFCTA – Pennsylvania Avenue Extension

Design Context

Pennsylvania Avenue Extension Project Goals

- Increase connectivity between Mission Bay, Potrero Hill, and Design District/SOMA neighborhoods
- Improve safety of pedestrian, bicycle, and vehicle traffic on surface streets
- Enable improved efficiency of Caltrain operations and service planning
- Improve quality of life in surrounding neighborhoods by substantially reducing existing congestion and air quality and noise effects associated with existing Caltrain and future rail expansion[1]

1 Pennsylvania Avenue Extension

Image Ref: Wikipedia, 22nd St. Caltrain Station

Design Context

Pennsylvania Avenue Extension Route

The potential Mariposa Street Station is the proposed project site for your Design Challenge.

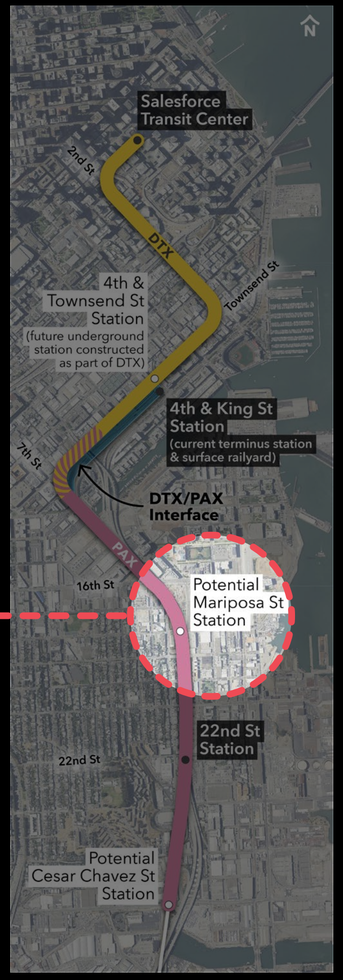


Image Ref: Setting the Stage for Caltrain's Realignment and SNACS in SF

SITE CONTEXT

Site Context

Neighborhood Map

Potrero Hill

Located at the potential Mariposa Street Station as part of the Pennsylvania Avenue Extension, the project site sits at the intersection of three neighborhoods: Potrero Hill, Central Waterfront/ Dogpatch and Mission Bay. Currently, Caltrain runs at-grade below Interstate 280 (I-280) to get to the terminus at 4th & King. Relocating Caltrain underground and adding a potential transit stop at Mariposa Street and Pennsylvania Avenue has the ability to serve as major hub linking these three neighborhoods.

Site Context

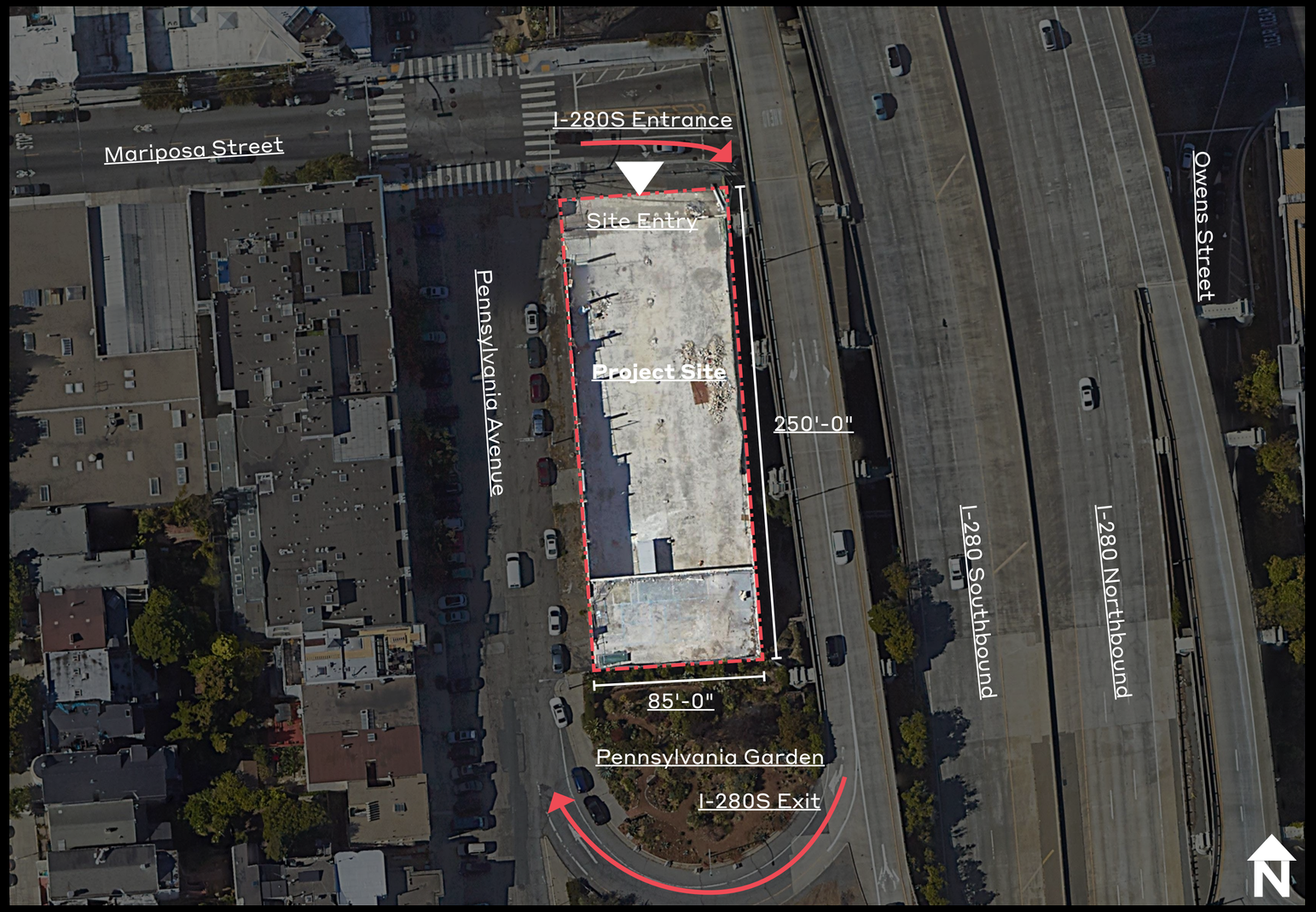
Vicinity Map

Mariposa Street & Pennsylvania Avenue

Located just west of Interstate 280 (I-280), the project site sits at the intersection of Mariposa Street and Pennsylvania Avenue. Running north/south, the low point of the site fronts Mariposa Street and rises along Pennsylvania Avenue south towards 18th Street. As it exists now, the site is leveled flat with primary access from Mariposa Street. You may consider how site access might occur from Pennsylvania Avenue as well. At the top of the hill just south of the site is Pennsylvania Garden, a neighborhood all-volunteer garden, which provides a nice oasis contrasting the area's freeway adjacency. Cars exiting the freeway turn on to Pennsylvania Avenue and cars entering the freeway use the on-ramp east of the site off of Mariposa Street.

West of the site is Potrero Hill, which in the immediate vicinity consists mostly of residential homes. A commercial corridor exists southwest of the site along 18th Street between Mississippi Street and Connecticut Street with local businesses to eat, drink and shop at. East of the site just opposite the freeway is Mariposa Park, which leads right into the heart of the University of California San Francisco's (UCSF) Mission Bay Campus. UCSF Benioff Children's Hospital is located at Mariposa Street and 3rd Street. Chase Center, home of the Golden State Warriors, in Mission Bay is a half-mile walk from the project site. Central Waterfront/Dogpatch is southeast of the site with close proximity to both Esprit Park and Crane Cove Park.

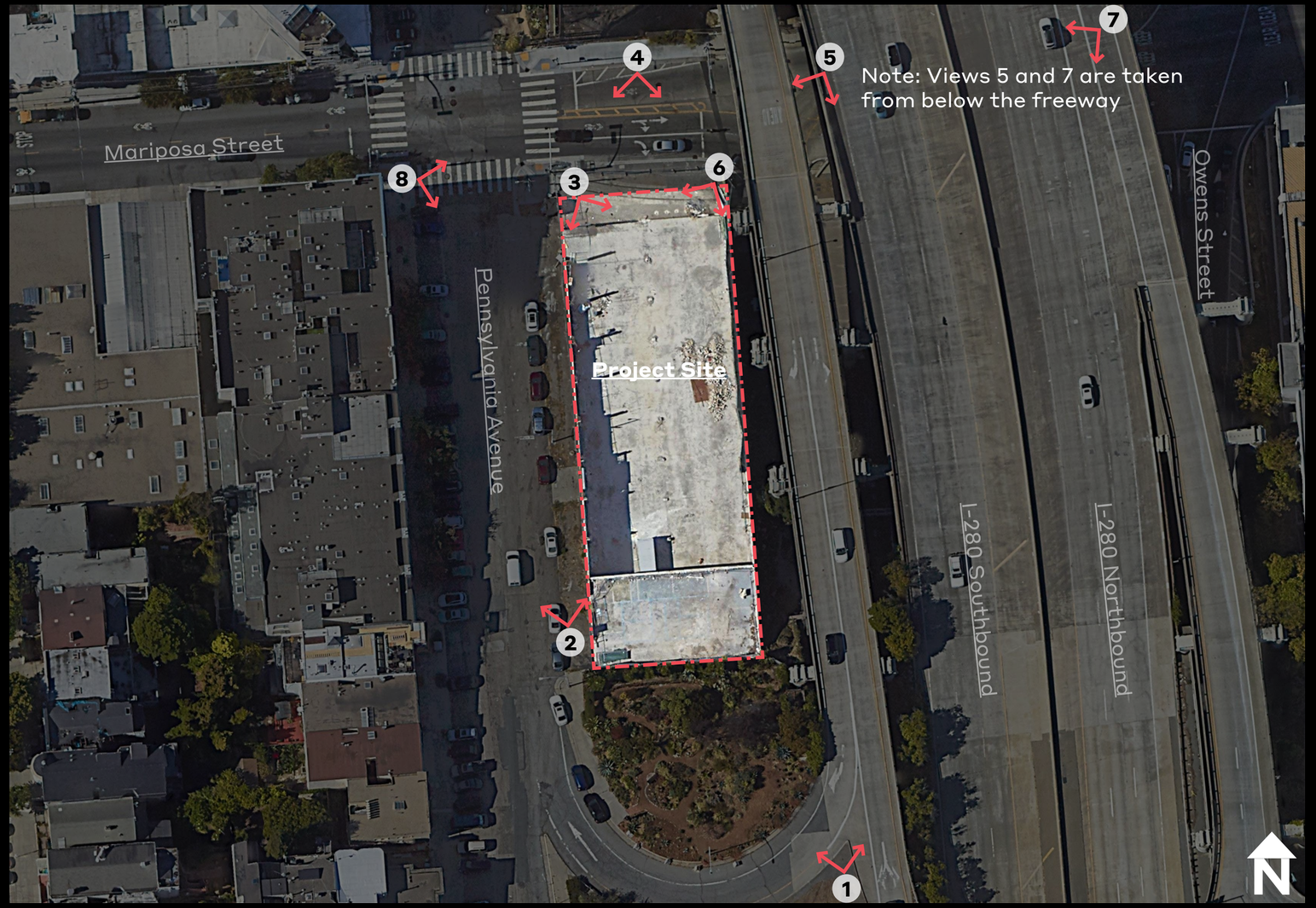
Your site boundary measures 250'-0" x 85'-0" totaling 21,250 ft².



Site Context

Site Photos

If possible, you are encouraged to visit the project site in person to gain a better understanding of the existing conditions and surroundings to inform your design thinking. Consider access to the site, nearby transit stop locations, pedestrian flows, view corridors, sun and wind orientation, etc. Site photos from the 8 locations on the map to the right are provided for your use. These images, along with additional site/neighborhood context photos and hi-res satellite maps are made available to you on the HSDC Google Folder for reference.



Site Context

Site Photos

Site approach from the south along 18th Street – exit from I-280 North

Site approach from the south along Pennsylvania Avenue

Site approach from the northwest corner along Mariposa Street

Site approach from the north along Mariposa Street

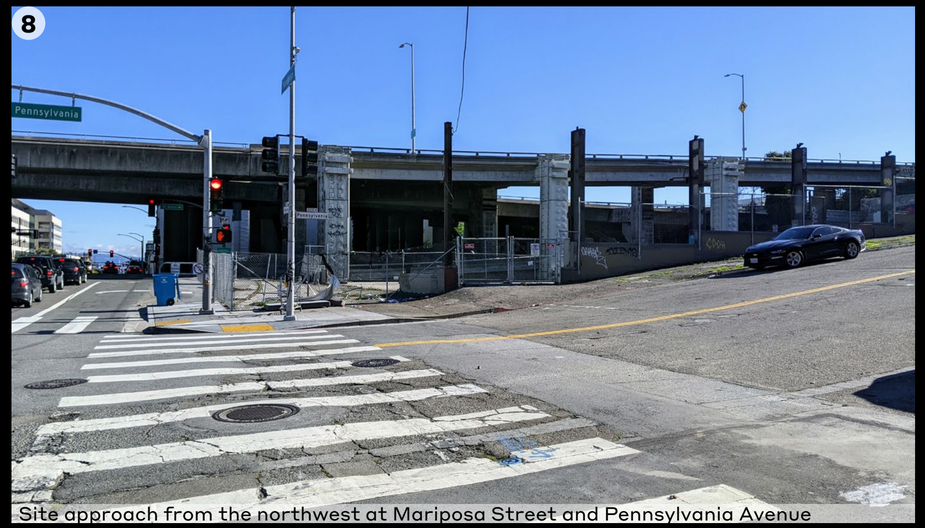
Site Context

Site Photos

Site approach from the northeast corner along Mariposa Street – on ramp to I-280 South

Site approach from the northeast corner along Mariposa Street

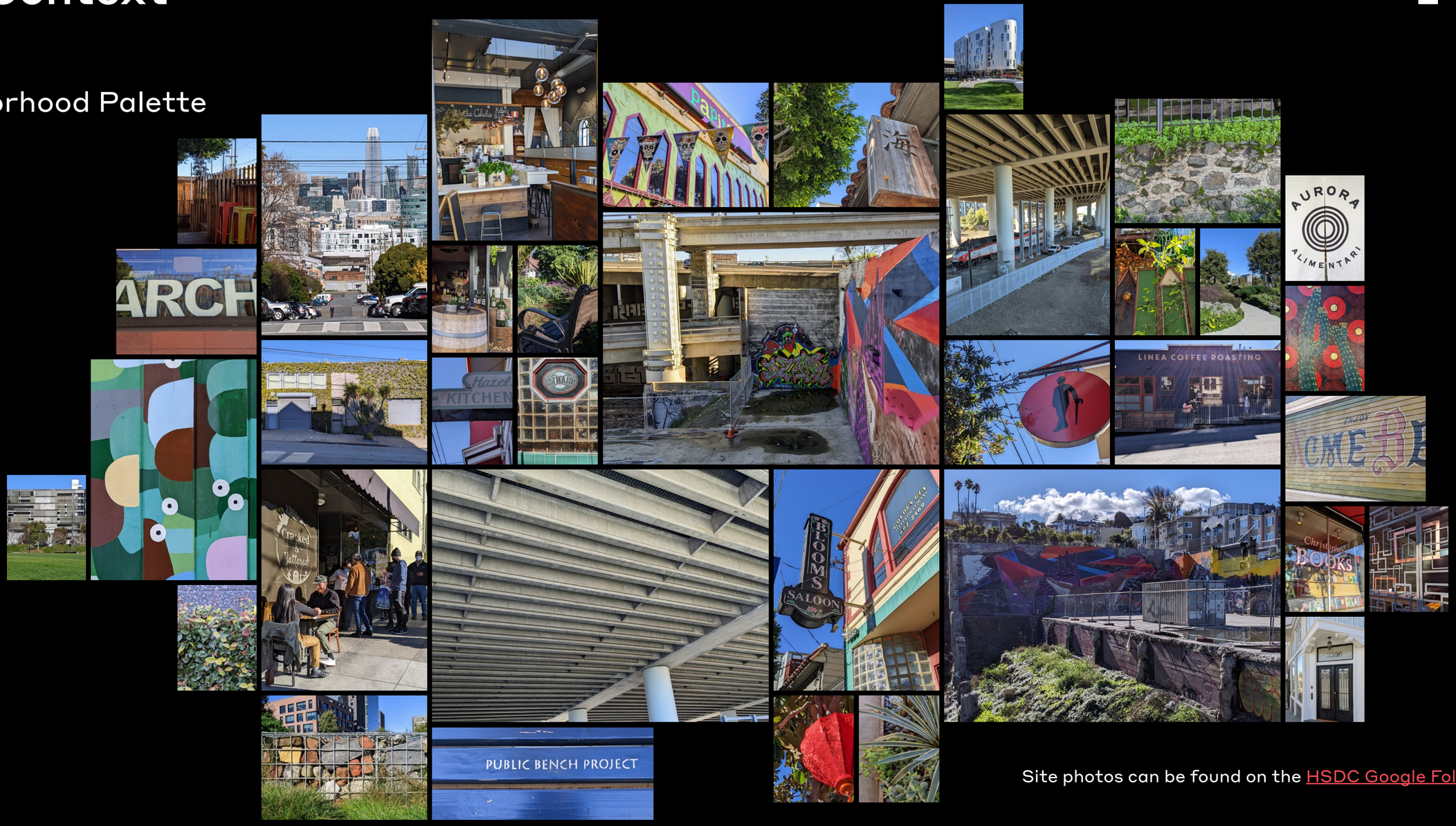
Site approach from the northeast at Mariposa Street and Owens Street



Site approach from the northwest at Mariposa Street and Pennsylvania Avenue

Site Context

Neighborhood Palette



Site photos can be found on the HSDC Google Folder

ARCHITECTURAL FOUNDATION SAN FRANCISCO

PROGRAM BRIEF

Program Brief

You are tasked with designing an Equitable Transit Oriented Development (ETOD) for the Mariposa Street Station as part of the San Francisco County Transportation Authority's Pennsylvania Avenue Extension. A Transit Oriented Development will typically include a mixed-use combination of residential, commercial, office and entertainment program around a transit station. Densifying an area with multiple uses is a highly-efficient and sustainable planning strategy. For this exercise, you will not need to design the residential or office components. You are, however, tasked with designing the transit, commercial and community-related program in one condensed hub. Your design will be a combination of both conditioned interior space as well as open exterior space. Measuring 250' x 85', your project site runs north/south along Pennsylvania Avenue with primary access along Mariposa Street. Please refer to page 17 for your plan dimension reference. Please limit your design to two (2) stories maximum – you may use the roof of your second floor for exterior space if you so choose. As mentioned, there are three (3) main design components of the ETOD: transit, commercial and community-related program. You are also to design an integrated public plaza as part of your ETOD. Your design must include all of the following spaces listed below. Square footage recommendations provided give a general idea of area/size relationships between uses. Additional spaces may be added at your discretion; however it must add value to the building program.

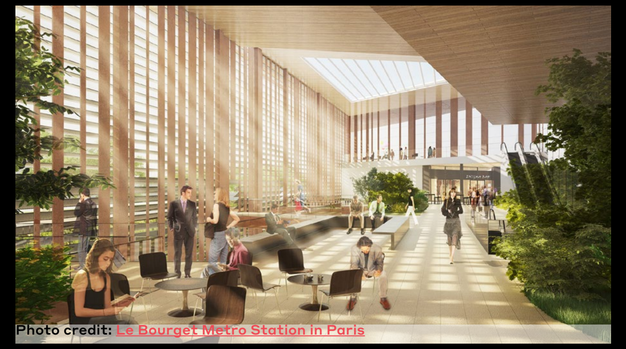


Photo credit: Le Bourget Metro Station in Paris

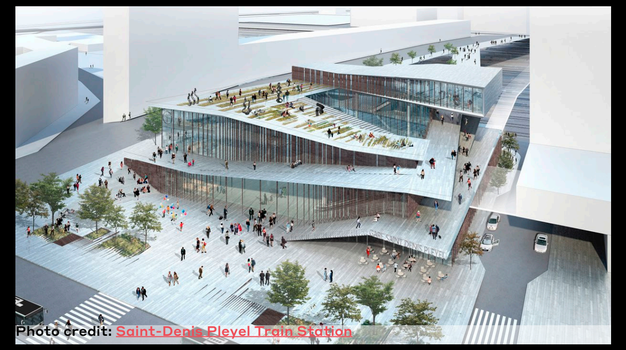


Photo credit: Saint-Denis Pleyel Train Station

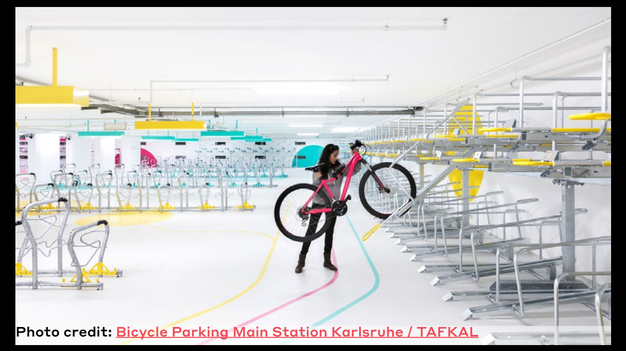


Photo credit: Bicycle Parking Main Station Karlsruhe / TAFKAL

Transit – Grand Hall (6,100 ft²)

You are to assume train platforms exist below grade. You are not responsible for designing the platforms or anything below grade, however, you should consider locations for vertical circulation for how users move up and down to access the trains below. Indicate locations of elevators for ADA access as well as escalators and/or stairs as you best see fit.

- Main Entrance & Lobby: (500 ft.²) This will serve as the gateway into the primary interior space from the exterior and must be easily visible to the public from the street. Incorporate a digital display wall that communicates transit schedules and updates. Allocate space for an information/security desk for visitors as a central point of reference.
- Ticketing: (1,500 ft.²) Provide a space for both a ticket kiosk to be physically manned as well as automated ticketing machines. Allocate queuing space for both types of ticketing.
- Waiting Hall: (3,000 ft.²) Primary seating space for users awaiting upcoming trains. Consider various types of seating in the space – efficiently-laid out typical bench seating that's found in transit stations and airports, soft lounge furniture, communal tables as touch down options for short-term working, amphitheater-style tiered seating, outdoor options, etc. Think about how to enliven the space with landscaping and artwork as well as how light filters into the space.
- Restroom (800 ft.²) Please provide an all-gender restroom with at least two (2) ADA compliant stalls. The fixture count should total a minimum of ten (10) stalls and six (6) lavatories (sinks).
- Bicycle Storage: (300 ft.²): Visitors are encouraged to bike to the facility and should have sufficient space to lock up their bicycles. Accommodation for up to thirty bicycles should be factored into the design.

Program Brief

ARCHITECTURAL FOUNDATION SAN FRANCISCO

Commercial – Retail/Food & Beverage (8,700 ft²)

- Retail Space: (4,700 ft.²) Provide separate retail space for five (5) different tenants. One space should be 1,500 ft.² and the other four spaces should be 800 ft.² each. Each retail space should have its own entry accessible from the Grand Hall.
- Micromobility Repair Shop: (1,500 ft.²) To further promote multimodal transit – including micromobility use to and from the transit hub – provide a space for servicing, repairing and charging bicycles, scooters and hoverboards. Consider spatial adjacency to the Bicycle Storage.
- Restaurant/Cafe: (2,500 ft.²) Include one space for casual dining that is accessible from both from the interior – connecting to the Grand Hall – as well as the exterior along either Mariposa Street or Pennsylvania Avenue. You may also consider its relationship to your public plaza with the potential outdoor seating opportunities.

Community – Social Amenities (7,500 ft²)

The success of Equitable Transit Oriented Developments not only combines residential, commercial, office and entertainment program around a transit station with the intent on creating environmentally-sensitive and economically-efficient projects but also seeks to address social justice issues in the community. "From a planning perspective, this clustering of transportation, affordable housing and social services furthers the goal of social equity – enabling low-income residents to remain and thrive in central city neighborhoods, while also reducing energy consumption and emissions caused by cars."[1] The following program components help provide accessible social amenities to a communal hub.

- Senior Center (5,000 ft.²) Provide core and shell space to accommodate a 5,000 ft.² Senior Center. Program components within the center will include a multipurpose/game room, fitness room, kitchen and dining room, computer lab and an all-gender restroom.
- Outpatient Medical Clinic (2,500 ft.²) Provide core and shell space to accommodate a 2,500 ft.² Outpatient Medical Clinic. Program components within the clinic will include reception/waiting, a physician's office, exams rooms, a nurse work area, a staff break lounge and an all-gender restroom.

Although you are not responsible for laying out the defined spaces within either the Senior Center or Outpatient Medical Clinic, you may choose to do so if it helps you think through your design and communicate your thought process.

Circulation: (no predetermined area)
The building circulation includes corridors and equitable means to circulate vertically in the form of elevators, escalators and stairs. Your building must be ADA compliant so please remember to provide an elevator and/or ramp access between levels of differing heights where applicable. Stairs must be a minimum 5'-0" wide and your elevator must have a minimum clear inside dimension of 5'-8" wide x 4'-6" deep.

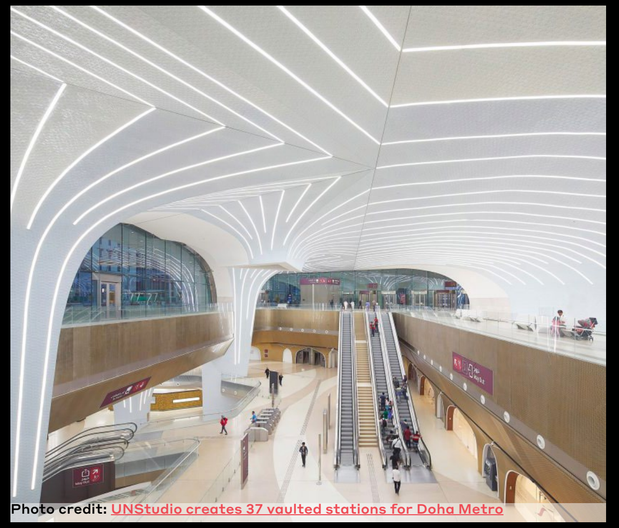


Photo credit: UNStudio creates 37 vaulted stations for Doha Metro

Photo credit: Dentista Amsterdam Dental Clinic

1 Fruitvale Transit Village – Critical Sustainabilities

Program Brief

ARCHITECTURAL FOUNDATION SAN FRANCISCO

Public Plaza (7,500 ft²)

Allocate space for a public plaza to enhance the visitor experience. This exterior space should be capable of hosting a variety of outdoor uses. Be mindful of how visitors will approach, access and view the plaza, especially as it relates to the greater ETOD development. Determine what type of exterior space is needed to enhance the interior program and what uses might benefit from having exterior adjacencies – remember that your restaurant/cafe should have access to the exterior. Some but not all conditions for how this space is crafted may include: courtyards, connected platforms at various heights, multiple small areas, rooftops, etc. Consider how the plaza functions at various times such as on a typical weekday, a typical weekend, during the day, at night, etc. Think about the different kinds of people who may frequent the plaza such as a nearby resident, someone who works in Mission Bay, travelers emerging from the train station, etc. Determine the need for shade (trees, landscaping, lightweight canopy structures) and seating (fixed seating benches, loose furniture, seating integrated into landscape elements, etc.). Consider the ratio of hardscape (walkways, pavers, walls) to softscape (planting) elements that works well with the program. Further research into landscaping, outdoor furniture precedents and sustainable practices (on-site energy generation, water capture, bioretention, etc.) will help guide your thinking for this design component.

For the design of your public plaza, consider the following uses to inform your thinking:

- Farmers Market – Think about how individual booths could be arranged on throughout the plaza and how that space while not interrupting direct access to the transit hub.
- Fitness Area – In an effort to promote a healthy and active lifestyle, consider how people might workout both individually and/or in a group class setting.
- Art Showcase & Performance – Consider the potential for how art and/or public performances can be integrated into the plaza.

  You may also propose additional uses that you believe would enhance the public realm of your plaza. Including a diverse range of uses to activate the space will help promote engagement with the plaza. Refer to the Philadelphia Navy Yards site plan as an example.

Total Design Area: 25,800 ft² (18,300 ft² interior/ 7,500 ft² exterior)

Photo credit: Utrecht Central Station

Photo credit: Tenri Station Plaza CoFuFun / nendo

Photo credit: Parks and Squares: 20 Public Space Designs

Design Considerations

Formulating your Big Idea

When putting together your slide deck, this is your opportunity to communicate your thinking and craft your overall narrative. Below is a list of design considerations for you to contemplate.

- How does the overall site context inform your design strategy? Can you take cues from the history, maps of the area, the people, view corridors, environmental conditions, etc.?
- How are your program components arranged? Is there logic to your spatial adjacencies?
- Pedestrian access – where are people coming from and how does your design intervention entice visitors to the site? The site will be free of any parking as users will be encouraged to use public transportation and micromobility and/or walk to the site.
- Architectural context – as is it relates to the surrounding built environment, does your design intervention blend in, stand out or fall somewhere in between and why?
- How is your design intervention future-proof? How does your proposal consider the future of transportation or climate change? Are there components of your building that are modular and potentially able to be reconfigured for another use at another site if need be?

These are all considerations for you to think about in conceiving of your big idea.

Sustainability & Construction Methods:

A fundamental goal of this exercise is to also embrace sustainability and consider the lifespan of the building. In order to reduce the overall impact of the building on the natural environment, your design intervention should consider integrating innovative green building strategies that help increase energy and water efficiency, use renewable energy and materials and reduce consumption, pollution and waste. The building should consider careful building orientation, natural daylighting, smart shading systems, water conservation and photovoltaic solar collectors among other strategies. Where possible, the building and site should showcase green building methods used to educate the public on sustainable architecture. Research into the US Green Building Council's Leadership in Energy and Environmental Design (LEED) rating system is encouraged.

You are also encouraged to contemplate various methods of design and construction for this competition. You may consider but are not limited to any of the following solutions for your design intervention: modular/prefabricated, stationary or portable architecture. You may choose to design a single structure as a whole or a cluster of several building components placed throughout the site that link the program in a cohesive manner.

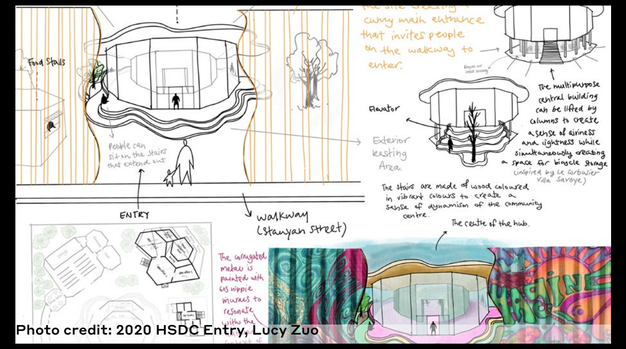


Photo credit: 2020 HSDC Entry, Lucy Zuo


Photo credit: Crissy Field Center, Project Frog


Photo credit: San Francisco Public Utilities Commission HQ

ARCHITECTURAL FOUNDATION SAN FRANCISCO

PARTICIPATION GUIDELINES

Deliverables

This year's competition will include an online submission process. There are three ways in which you may choose to enter the competition: as an Individual Entry participant, as a Group Entry participant or as a Design Process Entry participant. Design Process category entrants may choose to enter as either an individual or as a group. All deliverables must be captured in a Google Slide deck for presentation. To better explain your thinking to the judges, you are also required to submit a brief video describing your project (no more than 2 minutes maximum). This as an opportunity to talk about your overall goals and aspirations for your design, your design process, what you enjoyed most about undertaking this challenge, etc.

Individual & Group Entry* Required Deliverables:

2D Drawings
Provide the following presentation drawings:
- Floor plans: include a north arrow and room names (for both interior and exterior spaces), furniture for scale optional
- Elevation: at least one view that best describes your design, include at least one person for scale
- Section: at least one view that best describes your design, include at least person for scale
- Site plan: include the building and surrounding site, please label all site elements and include a north arrow.

Drawings must clearly communicate the design solution through selection of appropriate drawing views and clarity of line work. Each drawing must be labeled with the correct drawing name (i.e. First Floor Plan, West Elevation, etc.) and drawing scale. Rendering materiality and casting shadows is encouraged. In addition to the drawing types listed above, you are also highly encouraged to include additional drawings, be it process sketches, diagrams, renderings, etc. that help explain your design intent. Hand-generated or CAD drawings are acceptable. Use of color, while not required, is permissible to enhance the reading of your drawings.

3D Model
Build an architectural model of your building design. You may construct a physical model and/or a digital model. For a physical model, the suggested scale is 1/8” = 1’-0” but you may choose to build your model in a different scale if need be. Your model may be made of any material; museum board, card board, wood, foam core board, found objects, etc. are all acceptable options. Use of color, while not required, is permissible to enhance the reading of your model. You will need to photograph your model for inclusion into your slide deck. If you build a digital model, include renderings and/or screen captures of your design. The use of post-production software e.g. Photoshop is encouraged but not required. Inclusion of study model images are also encouraged.

Design Description
Design Solution Title – Give a project title to your design that best describes your design solution and strategy.
Design Narrative – What is your “big idea” concept for this project? Compose a thoughtful and concise description of your design solution and strategy. This may include your design inspiration and what you are trying to achieve with your design. This is your opportunity to articulate any other ideas you may have that aren’t as easy to read from your drawings and models alone such as building material choices or site ideas relative to the greater master plan. 500 word limit.

Video
As described above, .mp4 format

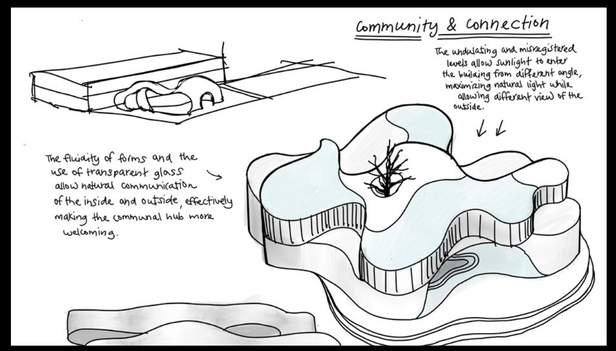
*As a Group Entry participant, you must submit all of the required deliverables mentioned above. You may, however, work in teams ranging between 2-3 people. This will be a separately judged category.

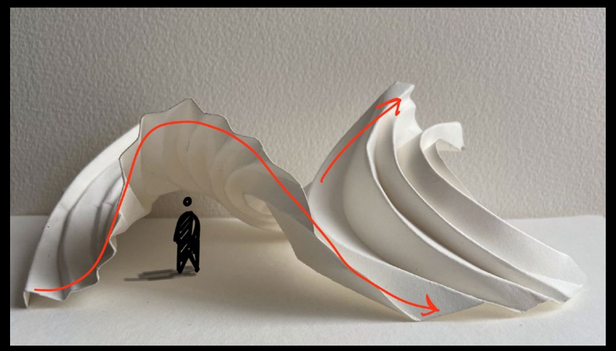
Deliverables

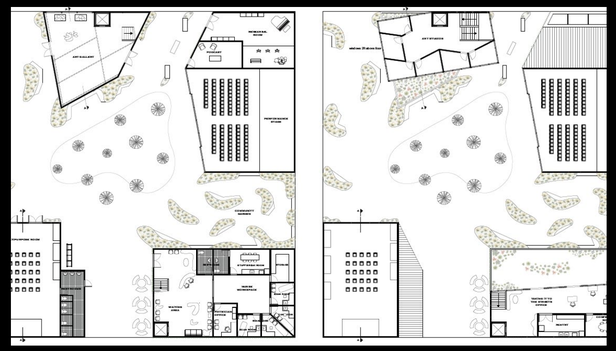
Design Process Deliverables:

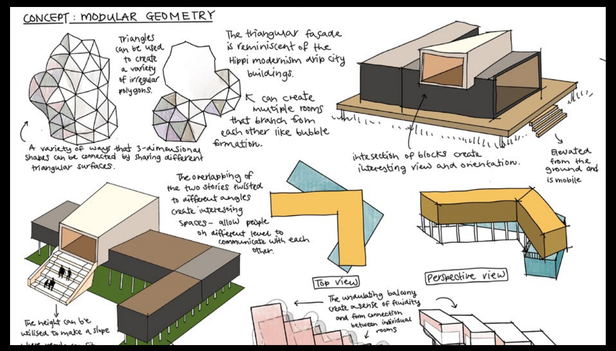
This category enables you to submit your design thinking in any format that exemplifies your creativity and participation in the competition process without submitting the full list of deliverables required as outlined in the Individual and Group Entry categories. Any material including but not limited to: sketches, study model photos, diagrams, renderings, collages, a project narrative, a short video of you explaining your design, etc. will be well received by the jury. This submitted material should also be compiled into a Google Slides deck (with the exception of a video description). This will be a separately judged category with separate monetary awards. Please feel free to curate your submission however you see fit to best describe your design ideas.

HSDC Student Work Examples









Judging Rubric

Below is a breakdown of judging criteria that will be used to evaluate your submission.

Big Idea

- What is the narrative for your design? Each project should be grounded in a big picture idea that may be inspired by your interest such as the site, the program, the users, design composition, history, view corridors, etc. – anything that most interests and inspires you. Develop a concept for what you're trying to achieve and make that evident in your process studies, drawings, models and written description.

Design Function

- How does your design function and is it conducive to a realistic working solution? Consider programmatic adjacencies (which spaces are next to each other and why?), circulation routes to and from spaces and access to light, air and views. User experience should be carefully considered – think about the different types of people who may be visiting aspects of your design proposal and how their interactions might differ from one another.

Design Aesthetics

- Do you have a compelling solution that visually carries your big idea forth? Consider spatial composition in plan, elevation, section and perspective views. How does your design read from multiple vantage points on site? Is there a specific use of color and/or patterning that brings your design to life? Consider materiality in addition to form.

Technical Execution & Presentation Clarity

- Is your design thinking clearly presented through well-executed drawings and/or models? Use your presentation skills to curate a well-thought-out and compelling project.

Process

- Did you include images of your thought process leading up to your design solution? From conception to execution, the journey is just as important as the final product and we would like to see some of your process work. Document study models, include diagrams, sketches, whatever it may be that helped lead you to your conclusion and helps you narrate your thinking.

Submission & Resources

Submissions are due by Friday May 20, 2022 at 6pm PST.

You are required to submit your entry via the Google Form link below:
Entry Form

Please label your slides with your Project Title only, and not your name, to ensure an anonymous review process during judging. Participant information will be captured in the entry form. Your submission should include your Google Slide deck and your short (2) two-minute length video description of your project. If you have any inquiries prior to submission, please send an email to Ryan Lee (ryan@afsf.org) for further clarifications. Thank you.

Project Resources
- Google Drive Project Folder
- Google Slides Presentation Template
- Site Photos
- Maps
- Revit Software Instructions

Software Resources
Autodesk Education
SketchUp

Schedule

ARCHITECTURAL FOUNDATION SAN FRANCISCO

Competition Start Date
February 15, 2022
Competition packet is distributed to high schools in the San Francisco Bay Area and posted to the AFSF's website (www.afsf.org).

Design Period
February 15, 2022 – May 22, 2022
Students work on their designs, drawings and models. Progress critiques may be scheduled with the Competition Chair, Ryan Lee. Please email Ryan (ryan@afsf.org) to schedule a review.

Competition Entries Due
Friday, May 20, 2022 by 6:00pm PST
Students will need a Google account to enter and must complete the entry form and upload their files here: Entry Form.

Judging
Saturday, May 21, 2022
Judges Only. A distinguished panel of judges will review every submission virtually to determine the award winners.

Awards Ceremony
Sunday, May 22, 2022
Details for a virtual Awards Ceremony will be communicated to all when we get closer to the date and will be posted on AFSF's website (www.afsf.org).

All are invited to attend including entrants, their family, friends and school faculty members. Winners will be announced and awards will be presented at this time.

Awards

Awards will be given for the best proposals in each Design Challenge category.

Best Individual Entry
Awards for best Individual Entry submitted design solution – design solution, graphic presentation including 2D drawings, 3D model, written description, video
1st Place* | $200
2nd Place | $150
3rd Place | $100

Best Group Entry
Awards for best Group Entry submitted design solution – design solution, graphic presentation including 2D drawings, 3D model, written description, video
1st Place | $200
2nd Place | $150
3rd Place | $100

Best Design Process Entry
Awards for best Design Process Entry describing design solution – refer to Design Process deliverables
1st Place | $100
2nd Place | $75
3rd Place | $50

Certificate of Participation
A Certificate of Participation will be distributed to all entrants

*CCA Summer Scholarship
Through the generosity of California College of the Arts, the Best Individual Entry 1st Place winner will be offered a full-tuition scholarship to CCA's 2022 Summer Pre-college Program in Architecture. CCA's Pre-college Program is a four-week intensive studio experience offered in July/August, Monday through Friday. The student will earn 3 units of college credit. The value of the scholarship is $4,000 per student.

As stated prior, please note that depending on which option you choose to enter as, you will only be eligible for certain award categories. The award categories, listed above, are broken up into the three ways in which you may choose to enter the competition.

Please note that Judges may also award Honorable Mentions to any participant(s) in any submission category at their discretion and reserve the right to adjust awards and categories as they best see fit to provide recognition for projects entered into the competition.

AFSF Board of Directors

High School Design Competition Committee

Ryan Lee
ryan@afsf.org
HSDC Chair & Author
Vice President - Board of Directors, AFSF
Senior Associate, Woods Bagot

Alan Sandler
alan@afsf.org
Executive Director, AFSF

For questions regarding the 2022 High School Design Competition, please feel free to contact Ryan and Alan at the email addresses listed above.

ARCHITECTURAL FOUNDATION SAN FRANCISCO

Thank you for participating in the AFSF 2022 High School Design Competition.
Best of luck to you all!