

BART Balboa Park Station Modernization



BART CAC Meeting

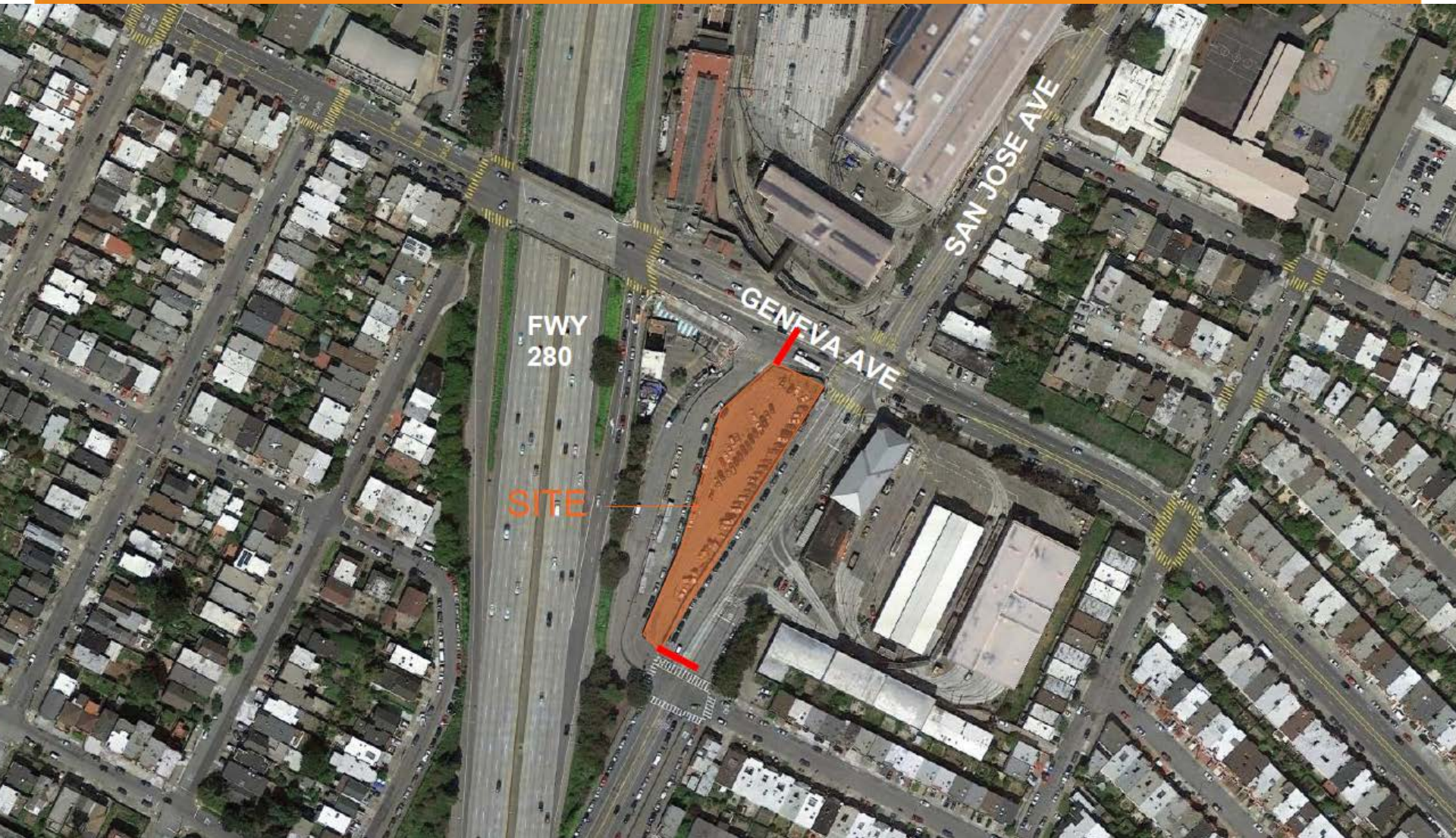
March 20, 2018

BALBOA PARK STATION



BART Balboa Plaza and Passenger Drop-off

BART CAC Meeting



BART Balboa Plaza and Passenger Drop-off

BART CAC Meeting



Upper Yard TOD Development Program

- 100 Affordable Units, including formerly homeless
- Commercial space
- Community space
- BART Owned-Privately Operated Space (BOPOS)
- Reconfigured BART Passenger Drop off
- Plaza redesign

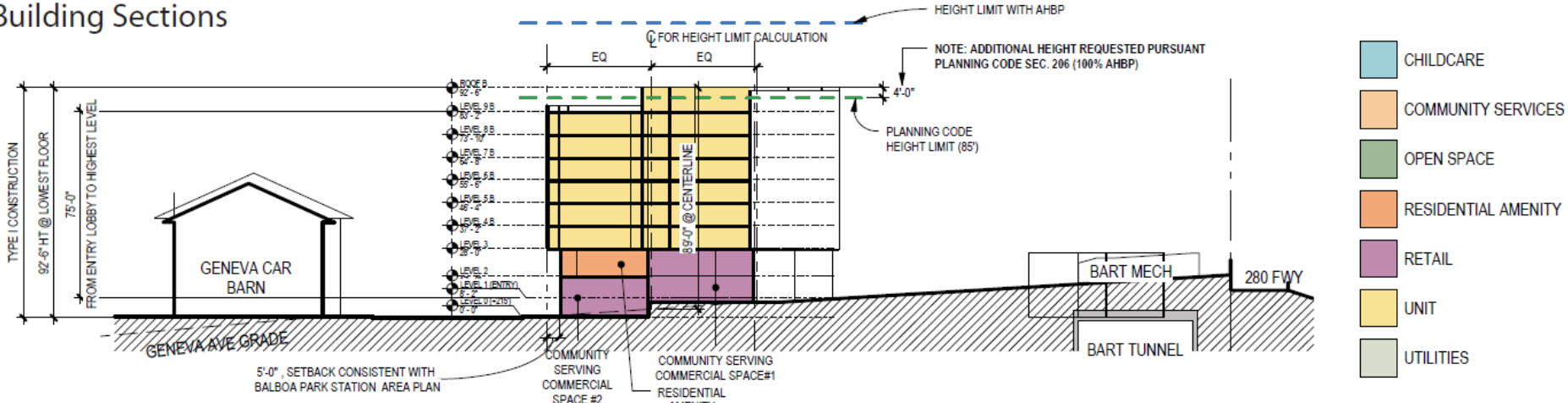
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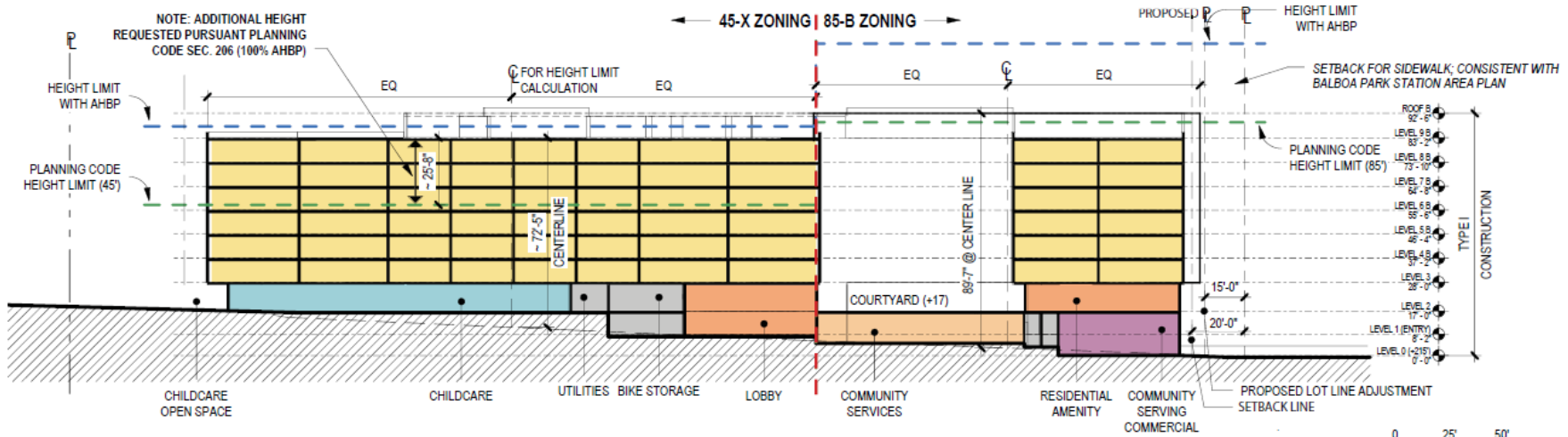


CONCEPTUAL PLANS AND SECTIONS

Building Sections



A-A EAST-WEST SECTION @ GENEVA



B-B NORTH-SOUTH SECTION @ SAN JOSE

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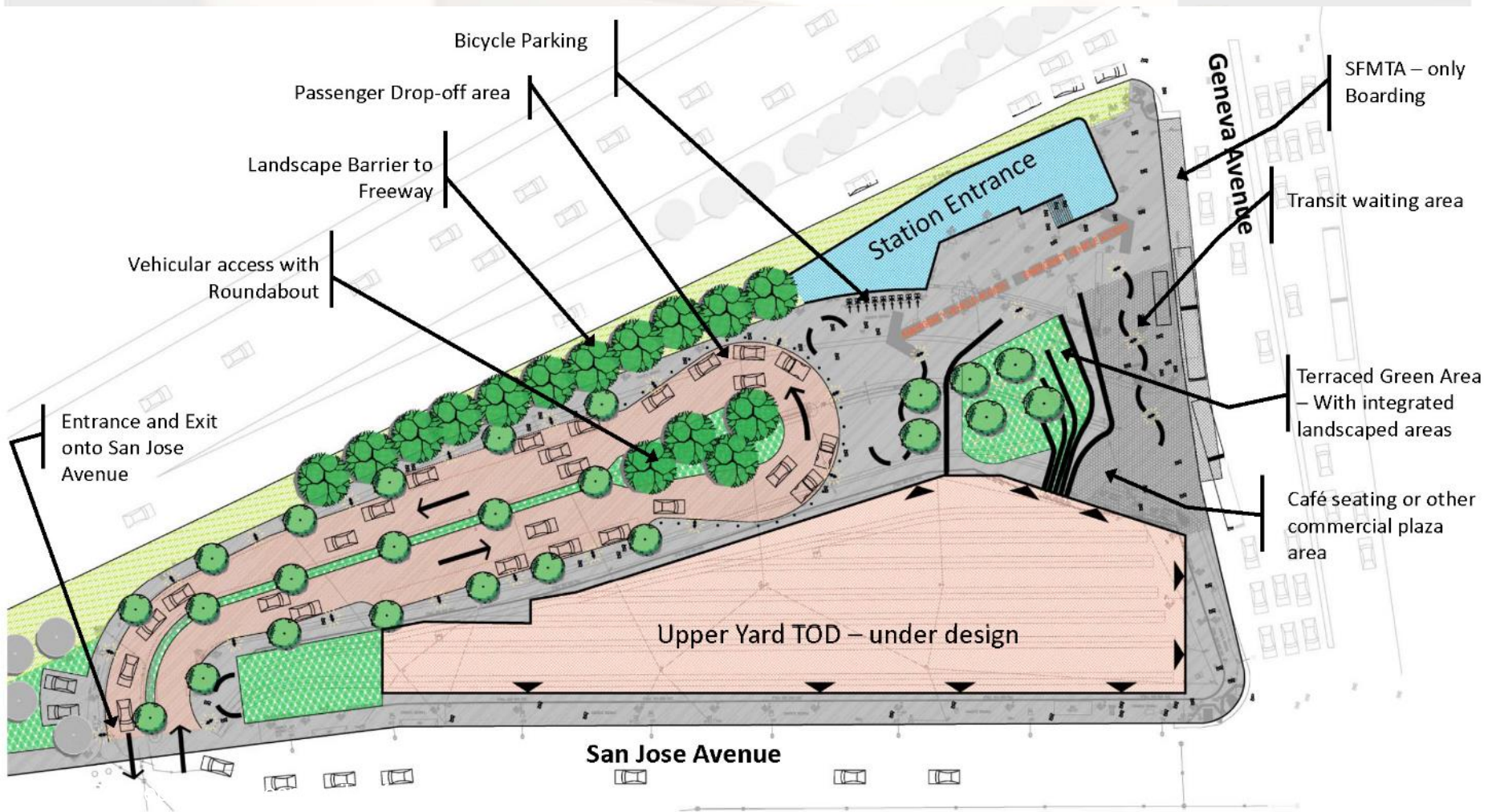


Goals and Objective

- **Serve transit customers**
- **Complement TOD**
- **Integrate with community**
- **Easy to maintain**
- **Addresses Safety & Security**
- **Promotes sustainability**

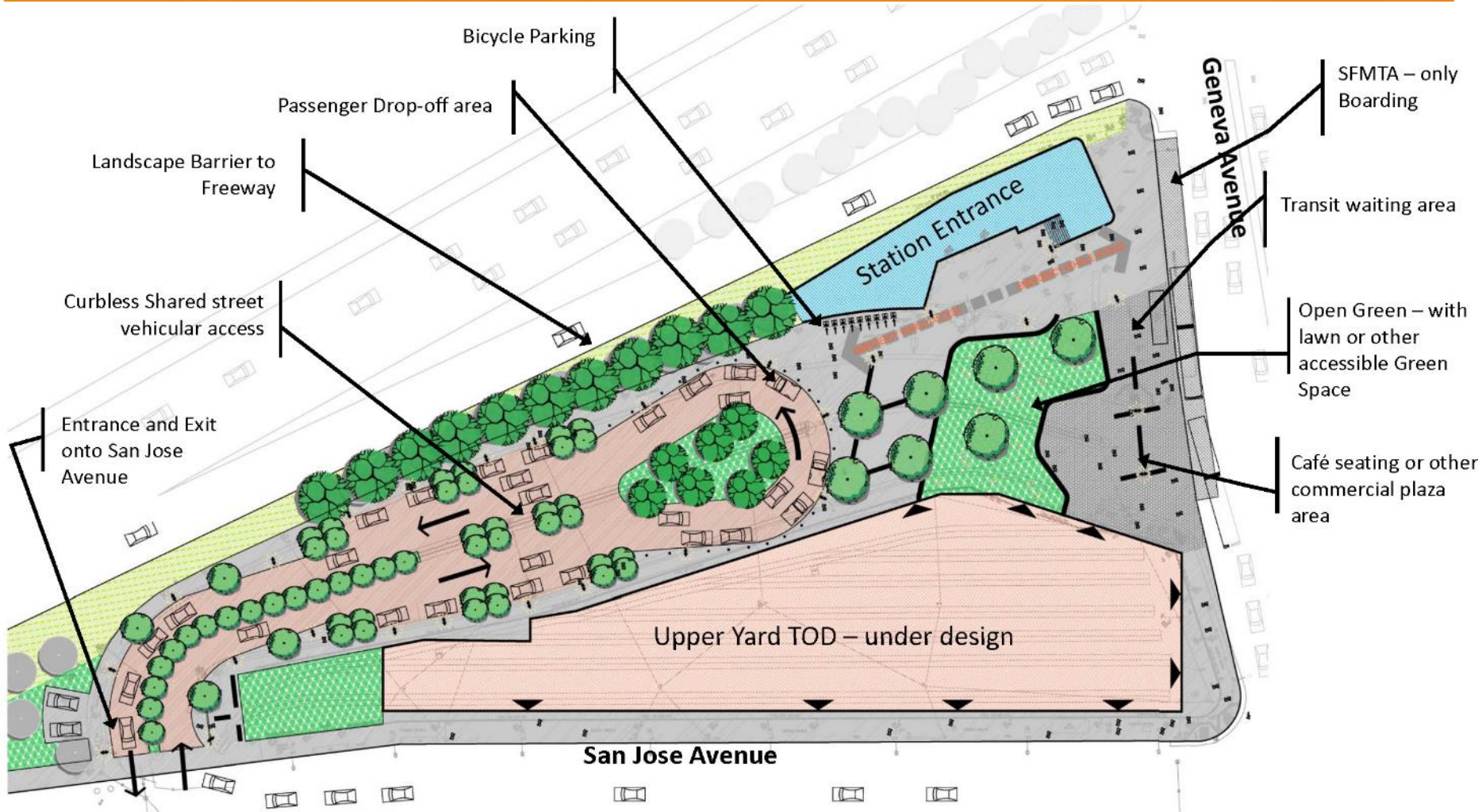
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Initiate
Concept
Development

Community
Outreach in
March

35% Design
in July

Final Design
TBD
(Funding?)

Construction
in Spring
2020 with
TOD

BART Balboa Plaza and Passenger Drop-off BART CAC Meeting



BETTER STATIONS.



BART is planning improvements to Balboa Park Station!

BART is almost 50 years old and in need of station upgrades. Come to our in-station events to learn about what BART is proposing in the areas of accessibility, safety & security, lighting, customer amenities, and passenger drop-off/plaza upgrades. Provide us with your feedback in person or by taking an online survey. Also, hear from SFMTA staff about safety and accessibility improvements on neighboring streets.

For more information, check out our website:

<http://www.bart.gov/about/planning/balboa-park>

Tell us what improvements are a priority to you!

Fill out a brief online survey:

www.surveymonkey.com/r/BalboaBART



**COME BY OUR
IN-STATION EVENTS:**

Balboa Park Station

**Tuesday,
March 27, 2018**

4-6 pm

and

**Thursday,
March 29, 2018**

7-9 am

Continue the community conversation about building 100% Affordable Housing at the Balboa Park Upper Yard 4th Community Meeting on Saturday, April 7 from 10 am-12 pm at Balboa High School's Green Room

If you need language assistance services, please call 510-464-6752.



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Selections from existing conditions review



Existing North Geneva entry headhouse

- No transparency “bunker” [safety/security]
- Hides riders/pedestrians
- No accessible path to nearby elevator
- Blocks access to North plaza from station entry



Existing South Geneva entry headhouse

- No canopy or weather projection [maintenance]
- Solid concrete parapet wall [safety/security]
- Security gate located at base of stairs (allows for camping at landing) [safety/security]

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Selections from existing conditions review



Existing North Geneva plaza

- Existing “rock garden” planters allow for easy stepping over fencing [safety/security]
- Bicycle / trash storage located in plaza [cluttered appearance & limits options for plaza use]

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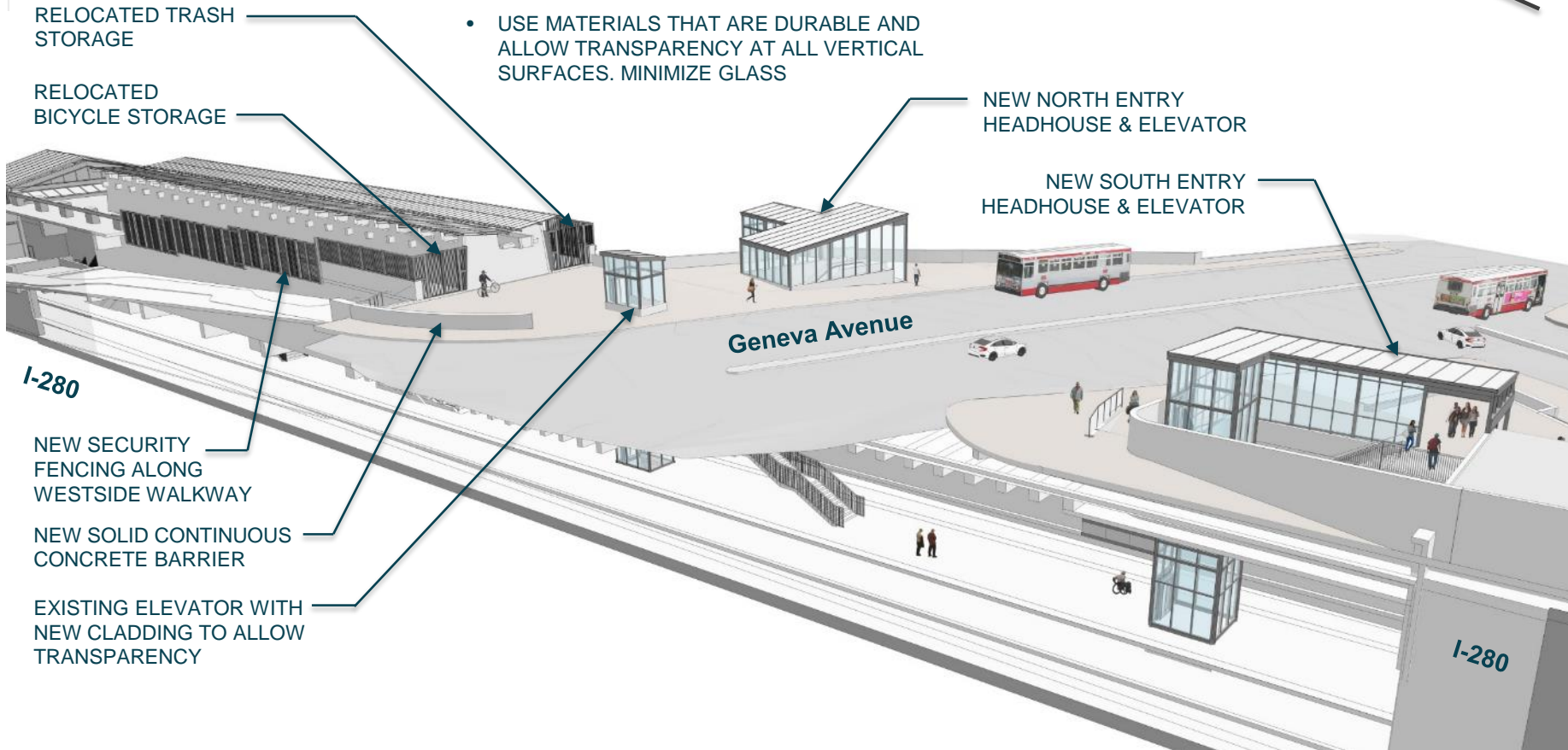
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Overview of Design Alternatives



FOR ALL STRUCTURES :

- AVOID GLAZED ROOFS
- USE MATERIALS THAT ARE DURABLE AND ALLOW TRANSPARENCY AT ALL VERTICAL SURFACES. MINIMIZE GLASS



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DEMO RAILING &
PLANTER BOXES

RELOCATE TRASH
STORAGE

REMOVE (E) CONCRETE
ELEV FINISH & REPLACE
W/ MORE TRANSPARENT
MATERIAL

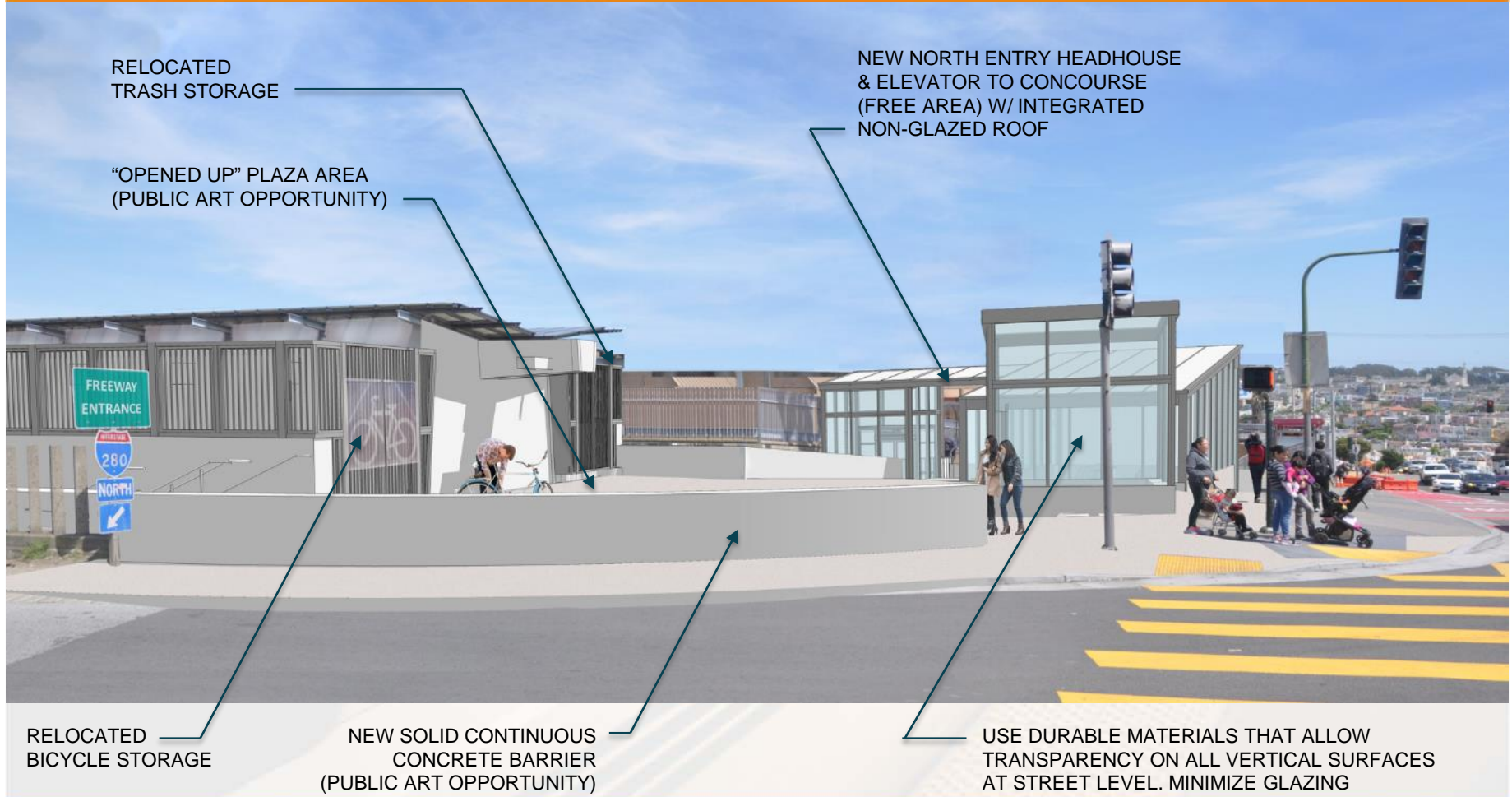
CONSOLIDATE BIKE STORAGE TO
NEW LOCATION

DEMO EXIST BARRIER WALLS
& ROOF CANOPY

Geneva Avenue (North Plaza) – Existing Conditions

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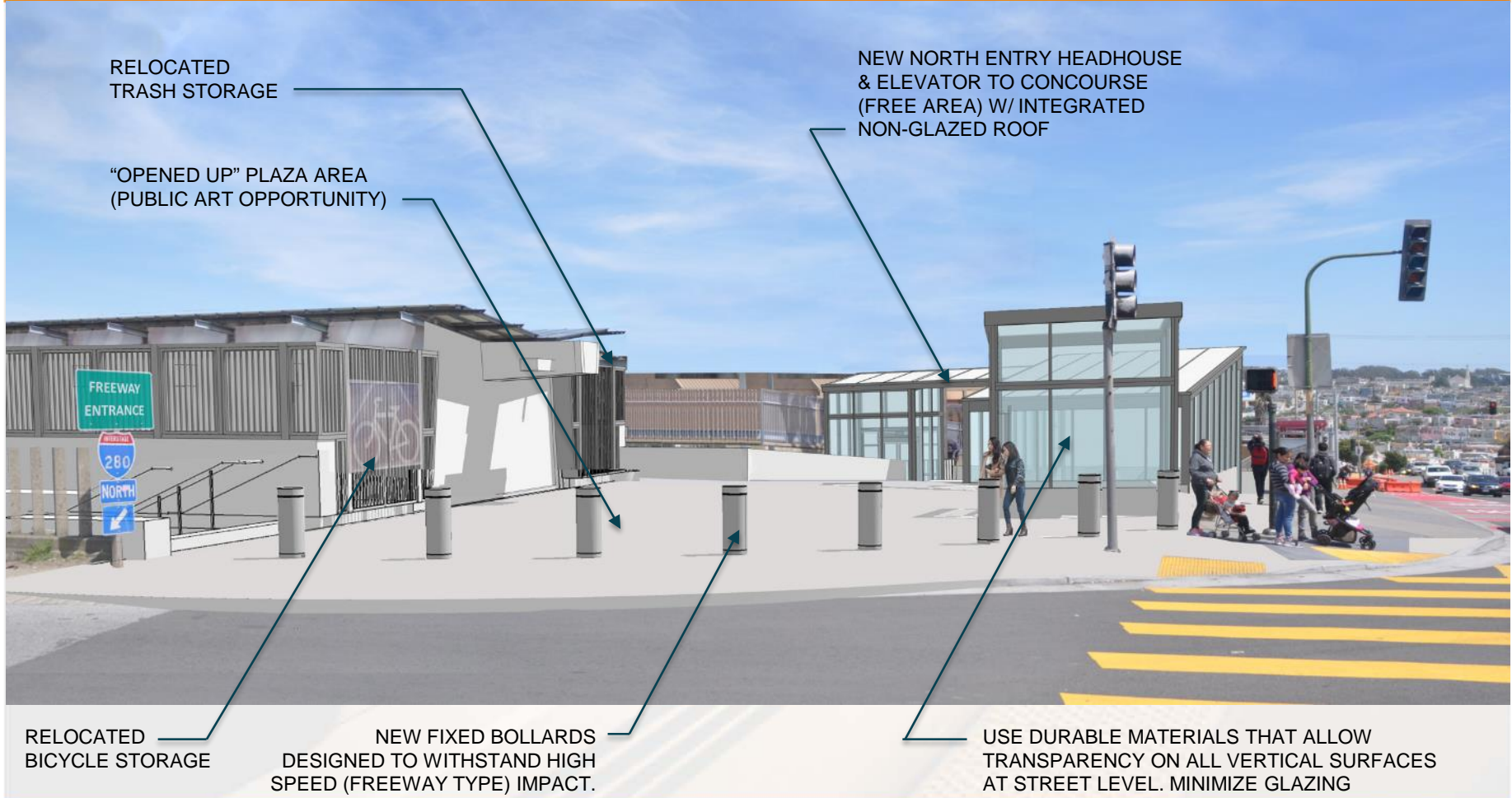
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Geneva Avenue (North Plaza) – Proposed OPTION 1A

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Geneva Avenue (North Plaza) – Proposed OPTION 1B

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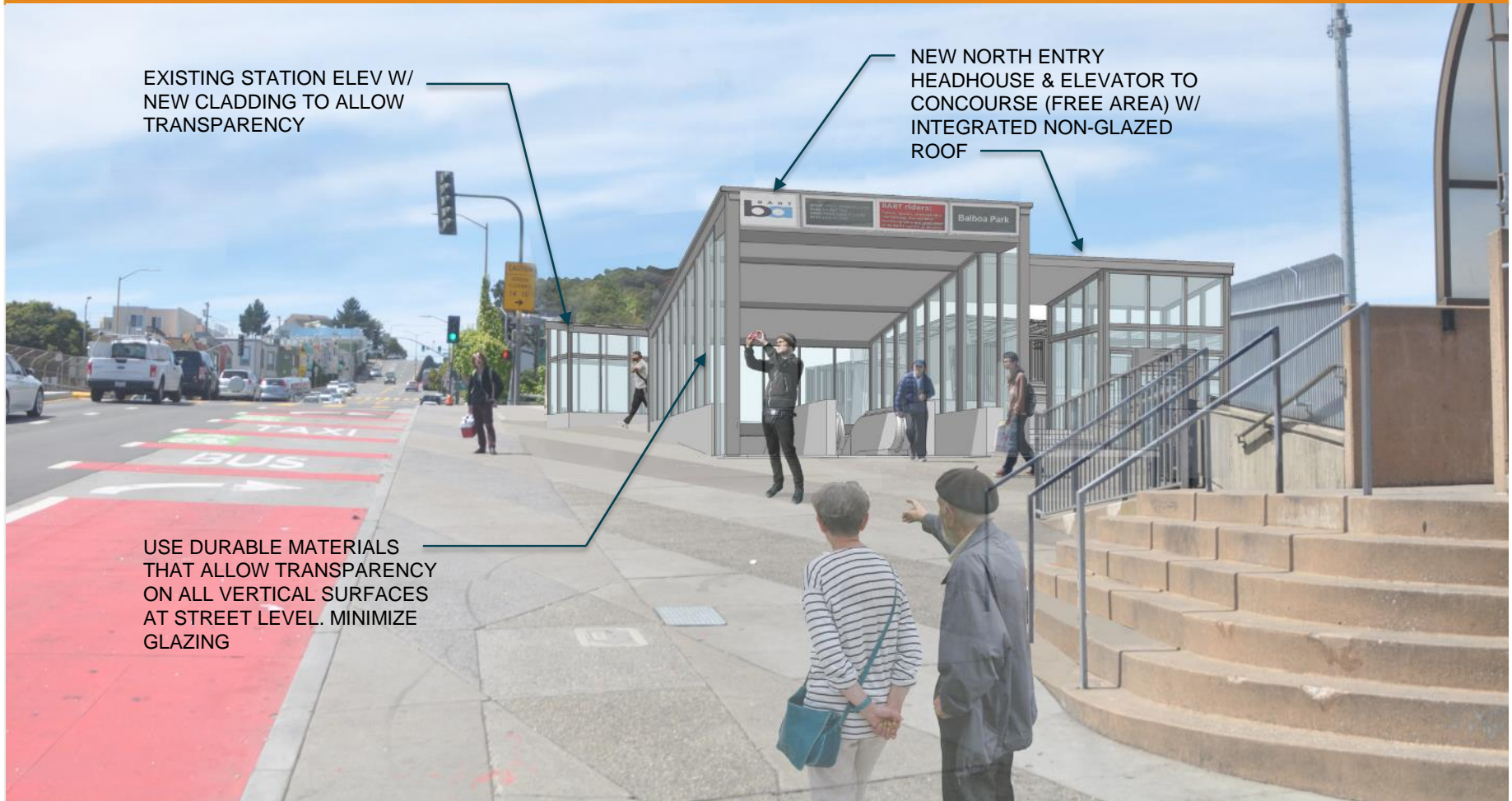
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Geneva Avenue (North Sidewalk) – Existing Conditions

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EXISTING STATION ELEV W/
NEW CLADDING TO ALLOW
TRANSPARENCY

NEW NORTH ENTRY
HEADHOUSE & ELEVATOR TO
CONCOURSE (FREE AREA) W/
INTEGRATED NON-GLAZED
ROOF

USE DURABLE MATERIALS
THAT ALLOW TRANSPARENCY
ON ALL VERTICAL SURFACES
AT STREET LEVEL. MINIMIZE
GLAZING

Geneva Avenue (North Headhouse) – Proposed OPTION

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OPTION 1: INTEGRATED ELEVATOR & STAIR CANOPY



Station Entry (South side of Geneva Ave) – Existing Conditions

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OPTION 1A: INTEGRATED ELEVATOR & STAIR CANOPY W/ STORAGE WALL

PROVIDE SCREENED WALL PANEL TO ALLOW FOR ADDITIONAL STORAGE AT PLAZA LEVEL AND ALIGN APPEARANCE OF UTILITY/SERVICE BOXES

COMBINED NEW ENTRY & ELEVATOR HEADHOUSE

- AVOID GLAZED ROOFS.
- USE DURABLE MATERIALS THAT PROVIDE TRANSPARENCY AT VERTICAL SURFACES. MINIMIZE GLASS
- SLOPE HEADHOUSE ROOF TO AVOID POTENTIAL DRAINING ONTO TRACK
- IMPROVE ACCESSIBLE RAMP & LANDING AREA



Station Entry (South side of Geneva Ave) – Proposed OPTION 1A

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OPTION 1B: INTEGRATED ELEVATOR & STAIR CANOPY W/ MODULAR WALL PANEL

PROVIDE MODULAR WALL PANEL ON EXISTING CONCRETE WALL FACE TO ALIGN APPEARANCE OF UTILITY/SERVICE BOXES

COMBINED NEW ENTRY & ELEVATOR HEADHOUSE

- AVOID GLAZED ROOFS.
- USE DURABLE MATERIALS THAT PROVIDE TRANSPARENCY AT VERTICAL SURFACES. MINIMIZE GLASS
- SLOPE HEADHOUSE ROOF TO AVOID POTENTIAL DRAINING ONTO TRACK
- IMPROVE ACCESSIBLE RAMP & LANDING AREA



Station Entry (South side of Geneva Ave) – Proposed OPTION 1B

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OPTION 2: CANOPY WITH NEW ELEVATOR OUTSIDE STATION BOX



Station Entry (South side of Geneva Ave) – Existing Conditions

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OPTION 1: INTEGRATED ELEVATOR & STAIR CANOPY



NEW ACCESSIBLE PATH
TO ELEVATOR LANDING

COMBINED NEW ENTRY & ELEVATOR HEADHOUSE.

- AVOID GLAZED ROOFS.
- USE DURABLE MATERIALS THAT PROVIDE TRANSPARENCY AT VERTICAL SURFACES
- SLOPE HEADHOUSE ROOF TO AVOID POTENTIAL DRAINING ONTO TRACK
- IMPROVE ACCESSIBLE RAMP & LANDING AREA

Station Entry (South side of Geneva Ave) – Proposed OPTION 1

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OPTION 1: INTEGRATED ELEVATOR & STAIR CANOPY



PHASE 2 APPROVED STAINLESS STEEL FARE EVASION HEIGHT PICKET RAILING. CAN ALSO BE GLASS AS RECOMMENDED BY UPDATED BFS.

NEW CONCOURSE LANDING (FREE AREA)

NEW 3-STOP ELEVATOR DESIGNED TO SERVE STREET <-> CONCOURSE "FREE AREA" BUT PROVIDE REDUNDANCY TO PAID AREA DURING AN OUTAGE OF THE EXISTING PLATFORM <-> CONCOURSE ELEVATOR

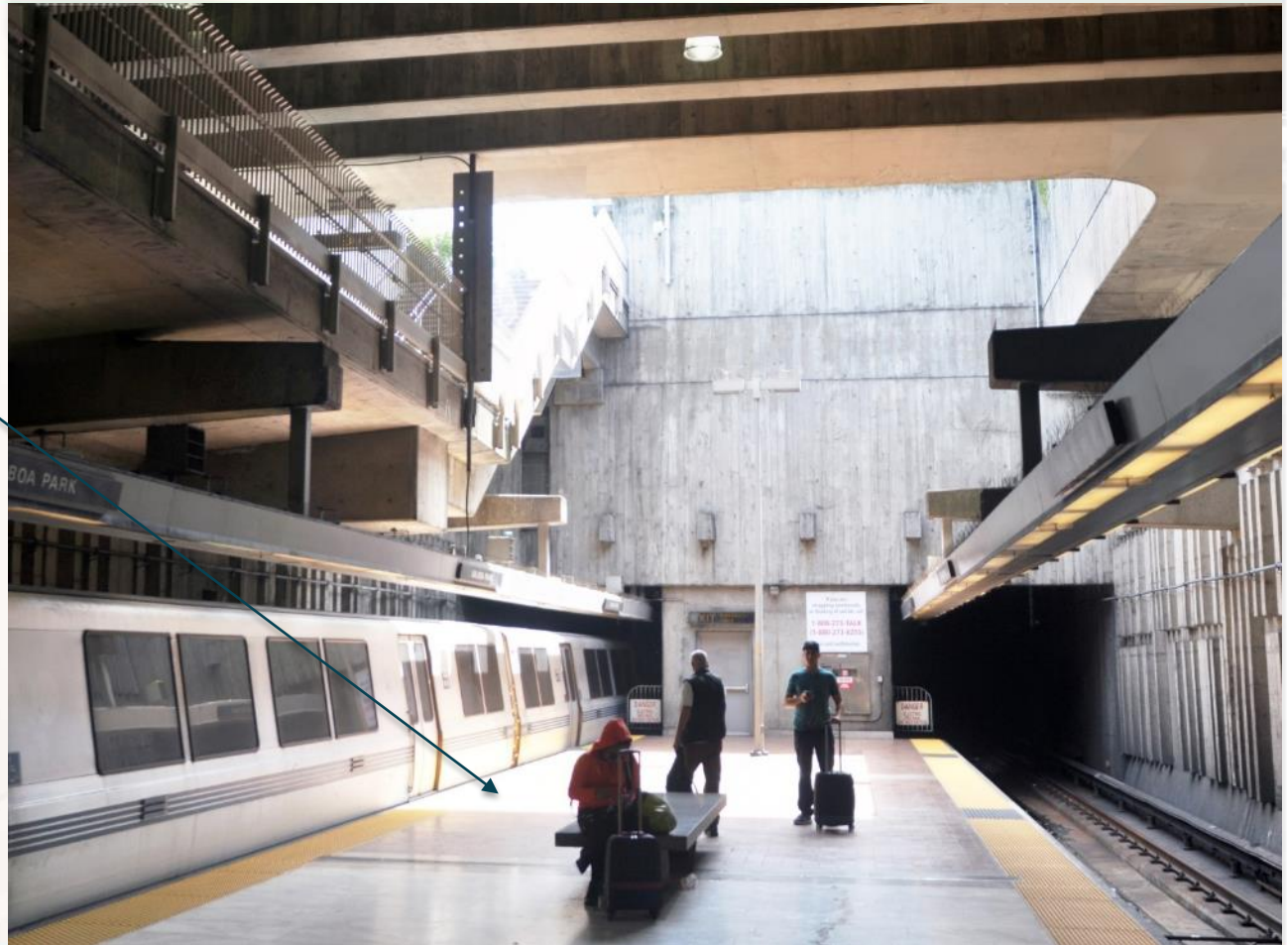
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OPTION 1: INTEGRATED ELEVATOR & STAIR CANOPY

REPLACE EXIST BRICK
FLOOR FINISH



Platform Level (South end) – Existing Conditions

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OPTION 1: INTEGRATED ELEVATOR & STAIR CANOPY

NEW CEILING FINISH & CONCOURSE LANDING (FREE AREA)

NEW 3-STOP ELEVATOR DESIGNED TO SERVE STREET > CONCOURSE "FREE AREA" BUT ALSO

PROVIDE REDUNDANCY TO PAID AREA DURING AN OUTAGE OF THE EXISTING PLATFORM > CONCOURSE ELEVATOR



Platform Level (South end) – Proposed OPTION 1

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Concourse walkway to South Entry (free area) – Existing Conditions

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NEW PANEL CEILING & LIGHTING

NEW MODULAR WALL & CEILING
PANEL WITH INTEGRATED
ROTATING ADS

GRAZER WALKWAY
LIGHT @ BASE

REPLACE EXISTING BRICK
FLOOR WITH CONCRETE FINISH

RECLAD EXISTING 3-STOP
TRAVERTINE PANEL ELEVATOR
WITH GLASS ENCLOSURE TO
IMPROVE TRANSPARENCY

Concourse walkway to South Entry (free area)

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CURRENT AREA OF "MAIN HALL" VISUALLY OBSCURED BY PIGEON NETTING

[ALSO MAINTENANCE HASSLE SERVICING FIXTURES ABOVE NETTING]

EXISTING PIGEON PROTECTION NETTING ABOVE "LOWER" BEAM LEVEL. REQUIRES CUTTING & PATCHING EVERYTIME A HIGH-BAY LIGHT FIXTURE NEEDS TO BE REPLACED

Concourse Level (paid area looking South) – Existing Conditions

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STAINLESS STEEL LIGHTING SPINE (W/ ENERGY EFFICIENT FIXTURES) FIXTURE ACCESSIBLE **BELOW** LEVEL OF BIRD NETTING

NEW PIGEON NETTING/SCREENING AT UPPER STRUT LEVEL (IMPROVES MAINTENANCE ACCESS & APPEARANCE)

STAINLESS STEEL PIGEON PROTECTION ABOVE BEAMS

NEW GLAZED WALL PANEL WITH PRINTED MURAL ABOVE TRAVERTINE BOX

REPLACE EXIST BRICK FLOOR WITH CONCRETE FINISH

Concourse Level (paid area looking South) – Proposed [collection of Phase 2 “OPTION” items]

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Concourse walkway to South Entry (free area) – Existing Condition

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NEW ELEVATOR FROM STREET LEVEL TO CONCOURSE LEVEL (FREE AREA). ELEVATOR ROOF INTEGRATED WITH NEW HEADHOUSE ENCLOSURE

NEW EXTENSION TO SIDEWALK TO ACCOMMODATE ELEVATOR LANDING

NEW DECKING AND SIDEWALK FINISH OVER EXISTING TUNNEL STAIRS TO MUNI YARD TO ACCOMMODATE NEW ELEVATOR

Concourse walkway to South Entry (free area) – Proposed New Elevator/Headhouse

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Westside pedestrian walkway (North to Geneva Ave) – Existing Condition

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OPTION 1: NEW TALL FENCING WITH DECORATIVE PERFORATED PANELS

NEW FENCING ALONG WESTSIDE PUBLIC WALKWAY TO LIMIT ROOF ACCESS

DECORATIVE RAILING (PERFORATED PANEL)

POTENTIAL PUBLIC ART

IMPROVE LANDSCAPING



Westside pedestrian walkway (North to Geneva Ave) – Proposed Option 1

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OPTION 2: NEW TALL FENCING WITH PANELS MATCHING INTERIOR FOSSIL MOTIF

NEW FENCING ALONG
WESTSIDE PUBLIC
WALKWAY TO LIMIT
ROOF ACCESS

DECORATIVE RAILING
(OPTION TO MATCH
INTERIOR FOSSIL MOTIF)

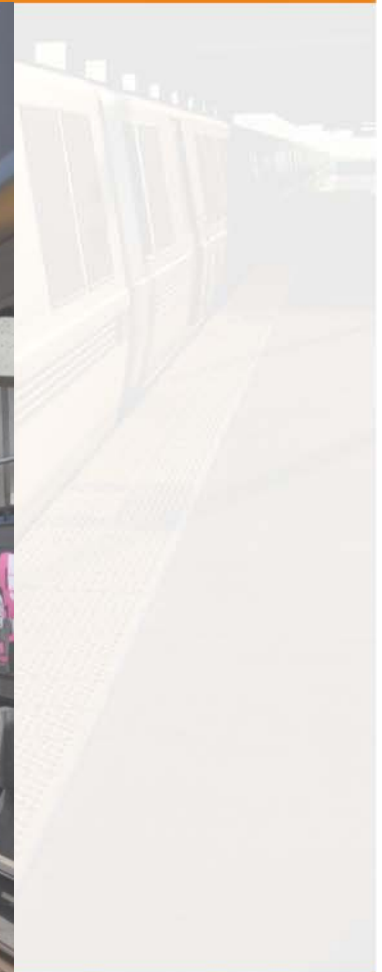
IMPROVE LANDSCAPING



Westside pedestrian walkway (North to Geneva Ave) – Proposed OPTION 2

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Platform Level (North end) – Existing Conditions

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OPTION 1: COMPLETE APPROVED "PHASE 2" SCOPE LIGHTING



REPLACE OLD PA SYSTEM AND LIGHTING STRIP

REPLACE EXIST WITH PEDESTRIAN SCALE POLE-MOUNTED LIGHTS W/ NEW FIXTURES TO LIMIT PIGEON PERCHING (PHASE 2 APPROVE, MATCH TO PHASE I)

REALIGN PLATFORM SEATING AS NECESSARY TO ACCOMMODATE NEW TRAINS & ENABLE BEST USER EXPERIENCE

REPLACE EXIST BRICK FLOOR FINISH WITH CONCRETE FINISH

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OPTION 2: INCLUDES ALL OPTION 1 + MODULAR SHED TYPE CANOPIES



NEW MODULAR CANOPY STRUCTURES

PAIRED ALONG MOST OF THE OPEN AREA AT THE NORTH END OF PLATFORM.

- NON-GLAZED SHED ROOF
- CANOPY SETBACK FROM EDGE OF PLATFORM TO CONFORM W/ BART MAINTENANCE REQUIREMENTS

NEW SEATING TO REPLACE EXISTING & INCREASE OVERALL AMOUNT OF SEATING



OVERHEAD VIEW OF NEW "PAVILION" CANOPY STRUCTURES AT PLATFORM LEVEL

Platform Level (North end) – Proposed OPTION 2 (multiple individual canopies)