

June 26, 2024

Alex Smith
Philadelphia Art Commission
City of Philadelphia
1515 Arch Street
Philadelphia PA 19102

RE: SEPTA South Broad ADA Improvements – Chinatown Station

Dear Alex,

Jacobs has been contracted by SEPTA to provide architectural design and engineering services at the Chinatown station on South Broad Street Spur to improve ADA accessibility. On behalf of SEPTA, Jacobs respectfully requests the Art Commission's review of SEPTA's Chinatown ADA Improvements Project. This submission includes the following station and location:

- **Chinatown Station**
800 Race Street,
Philadelphia, PA

Presently, the SEPTA Chinatown Station is not ADA compliant. The station has one existing headhouse serving as the main entrance, with two stairs – one for each side platform – Northbound and Southbound. The station also has two existing exit only stair headhouses located in the middle of an existing parking lot, one for each side platform Northbound and Southbound.

The primary existing entrance headhouse is located on the NW corner of Race and 8th streets and faces the intersection. The major component of the proposed ADA improvements is the removal of the existing headhouse, and replacement with an enlarged headhouse to include two larger width stairs and two ADA elevators – one each from secure paid fare area of street level down to each side platform level.

The elevator entrances face the new stairs to share a landing down on the platform level. This also allows any elevator queuing to occur parallel to the tracks instead of towards the tracks. Existing ventilation shafts in the parking lot are to be raised 6" to avoid entry of rainwater and any automobile fuel leaks into the vent shafts. The metal grating will also be replaced with ADA compliant grating. This project will also implement SEPTA's system-wide recently redesigned signage and wayfinding standards, including ADA compliant requirements.

Chinatown station does not currently include any items listed on the Philadelphia Register of Historic Places.

The exterior of the proposed headhouse is to be clad in glazed brick veneer in soldier coursing. Selected areas of the brick will also step out 3/4" in patterns of vertical courses. All glass at pedestrian level is solid glass block 4"x8" in stacked coursing. The glazed brick provides a metal like radiance and changes throughout the day.

The roof opens upward at a steeper slope towards the SE corner of a clerestory glass window to bring additional light into the station and to emphasize the green roofs installed on the station. An 8" deep

intensive system will be installed on the low roof while the larger higher roof will receive a 4" deep green roof. In addition to the heat island benefits it has been provided on the project to mitigate storm water retention requirements.

Existing Stair exit headhouses will receive new exit only doors and hardware. New signage above and next to the doors will also be provided. Additionally, paving repairs to make an ADA path between the stair headhouses and out to 8th street will be completed as part of the project scope.

The new headhouse also features a double height opening at the mezzanine/street level down to the platform level protected by architectural metal mesh fencing.

Down at the platform level, new tile flooring finish will be provide with topping height to bring the existing platform up to ADA thresholds with the SEPTA's train cars. The platform lengths will be reduced to improve egress by adding service corridors on the North end of the platforms. This reduces overall platform length down to the minimum requirement of five car lengths

Existing tiles to be matched along platform walls outside of new headhouse footprint. Within the new footprint, white tiles will be provided. Existing decorative metal grilles in platform walls at vent shafts to be salvaged, refurbished, and reinstalled.

There are several opportunities for future artists to contribute to the project, including along the exterior wall facing 8th street. See a conceptual placeholder shown in the renderings. Sculptural items in new plaza and/or enlarged softscape areas (not shown) could also be procured at a later date.

Inside the new headhouse diagonal subway tile, currently proposed as white in the renderings could become a canvas for mosaic of several colors with the effect of a painting with reduced resolution.

Please feel free to contact me with any questions about the project in advance to the next meeting on July 10th. We look forward to discussing the project with the Philadelphia Art Commission.

Sincerely,

Brian J. Fitzhenry, PE

Senior Project Manager – Rail Buildings & Structures

1-215-514-8957

Brian.Fitzhenry@jacobs.com

Jacobs

Two Commerce Square
2001 Market St, Suite 900
Philadelphia, PA 19103

CC:

John McElwee, SEPTA

Sean McMahon, PMP, SEPTA

Victoria Lupica, SEPTA

Julia Guerrero, Civic-Centered

Matt Morong, RA, Jacobs
Fred Kaulbach, RA, Jacobs



**CHINATOWN STATION
ADA IMPROVEMENTS**

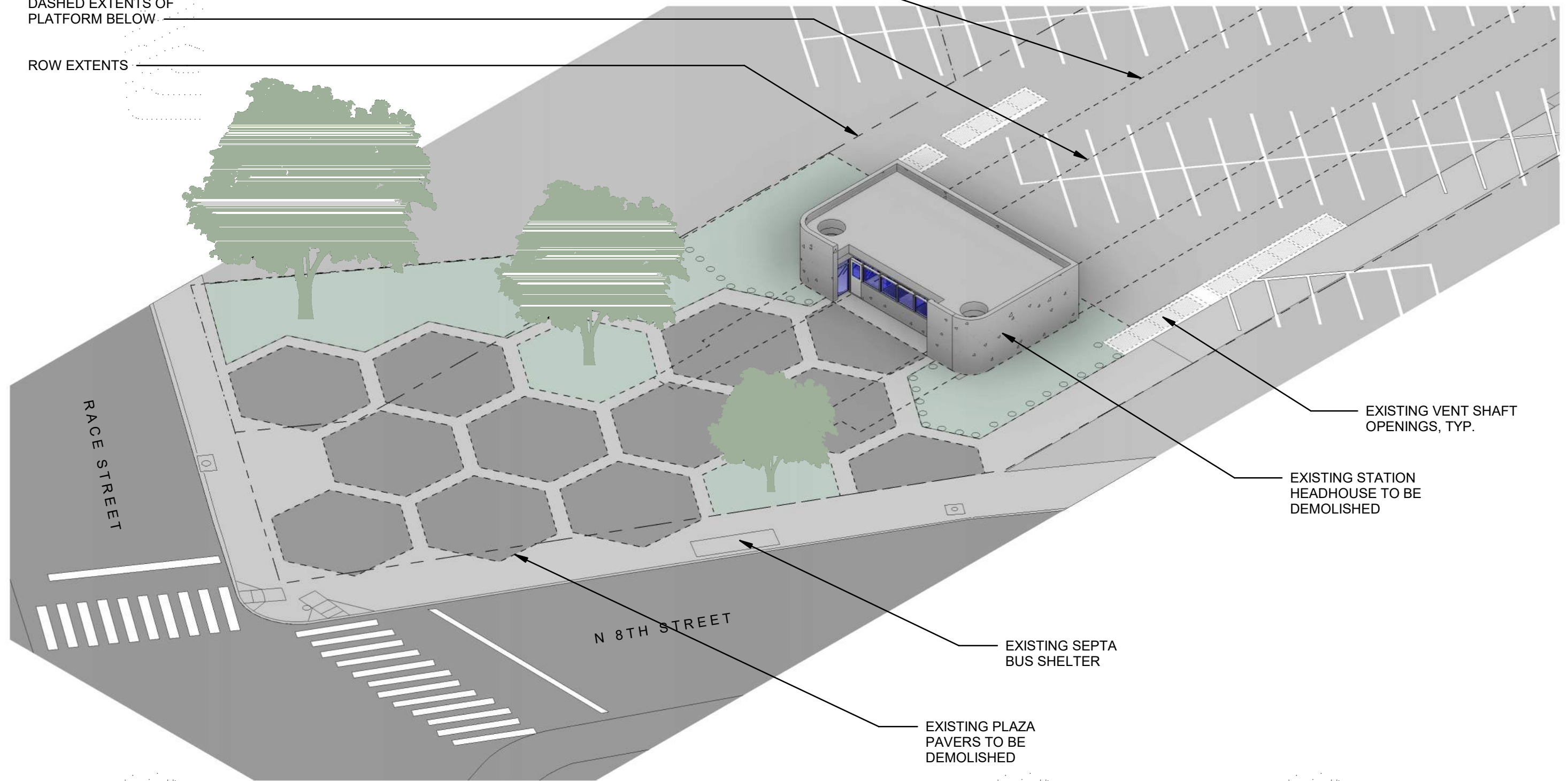
PHILADELPHIA ART COMMISSION PRESENTATION

Jacobs

DASHED EXTENTS OF
STATION BELOW

DASHED EXTENTS OF
PLATFORM BELOW

ROW EXTENTS



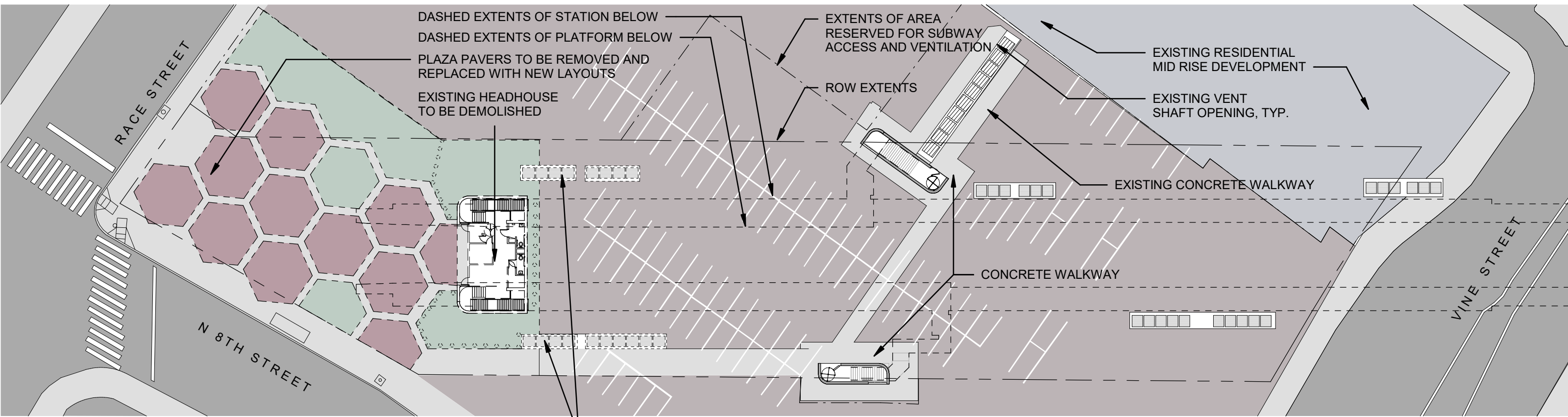
1 STREET AXON - EXISTING STATION
A 01 SCALE: NTS

STREET LEVEL EXISTING CONDITIONS AXONOMETRIC

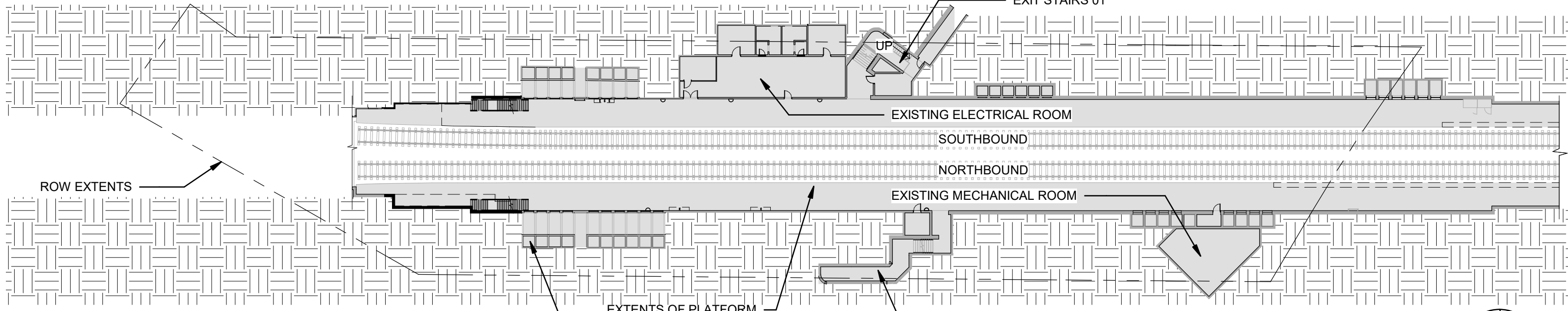
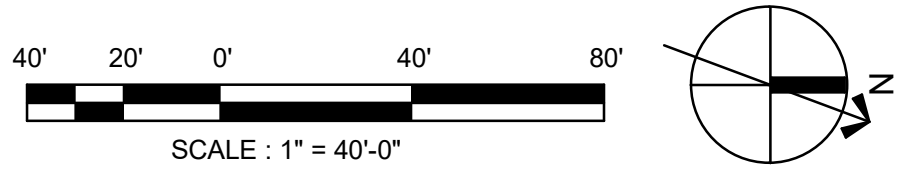
CHINATOWN STATION

JUNE 25, 2024

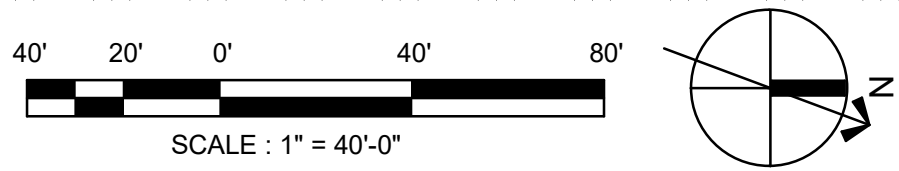
A 01



1 EXISTING OVERALL STREET LEVEL PLAN
 A 02 SCALE: 1" = 40'-0"



2 EXISTING OVERALL PLATFORM LEVEL PLAN
 A 02 SCALE: 1" = 40'-0"



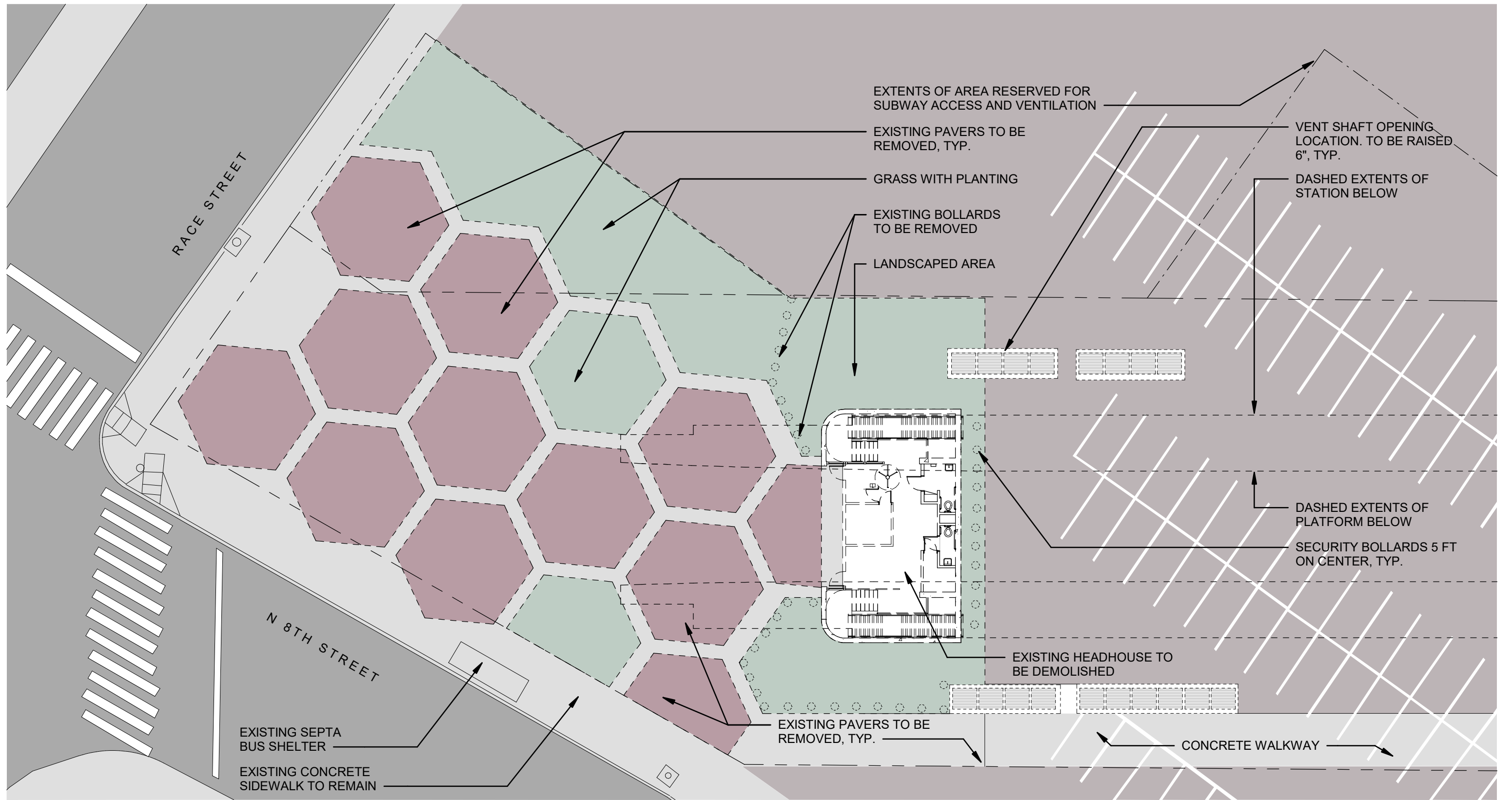
EXISTING OVERALL PLANS

CHINATOWN STATION

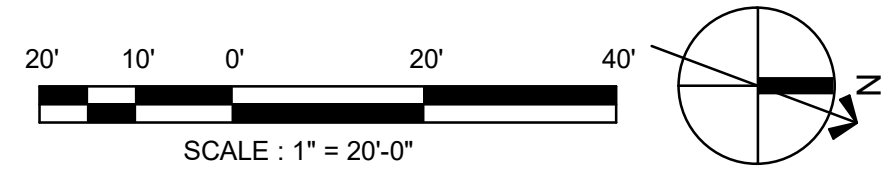
JUNE 25, 2024

A 02





1 EXISTING STREET LEVEL PLAN - 01
 A 03 SCALE: 1" = 20'-0"

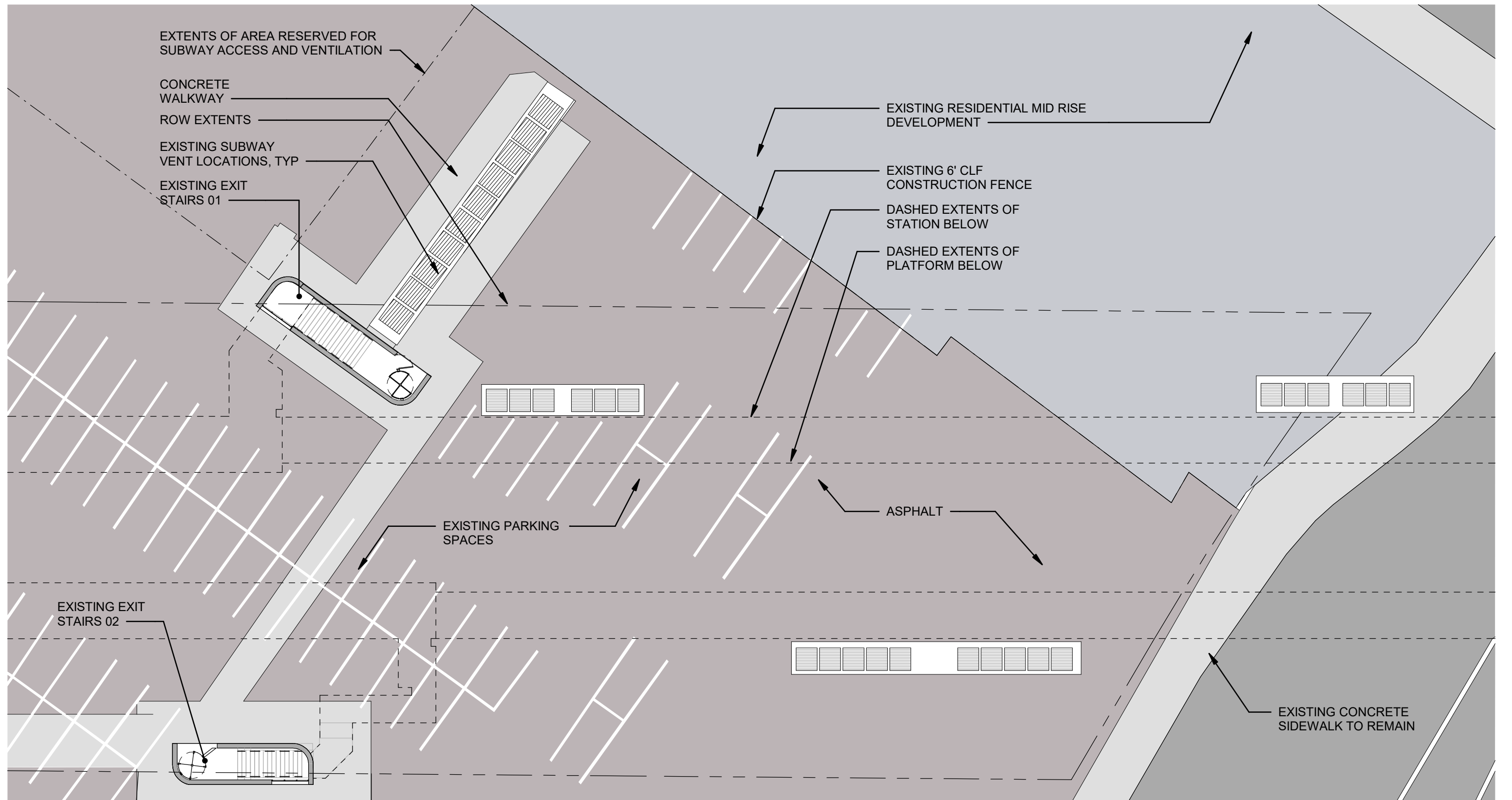


EXISTING STREET LEVEL PLAN

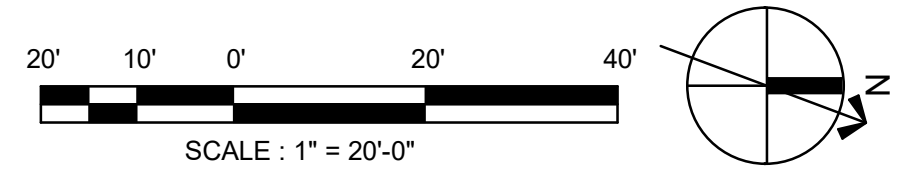
CHINATOWN STATION

JUNE 25, 2024

A 03



1 EXISTING STREET LEVEL PLAN - 02
 A 04 SCALE: 1" = 20'-0"

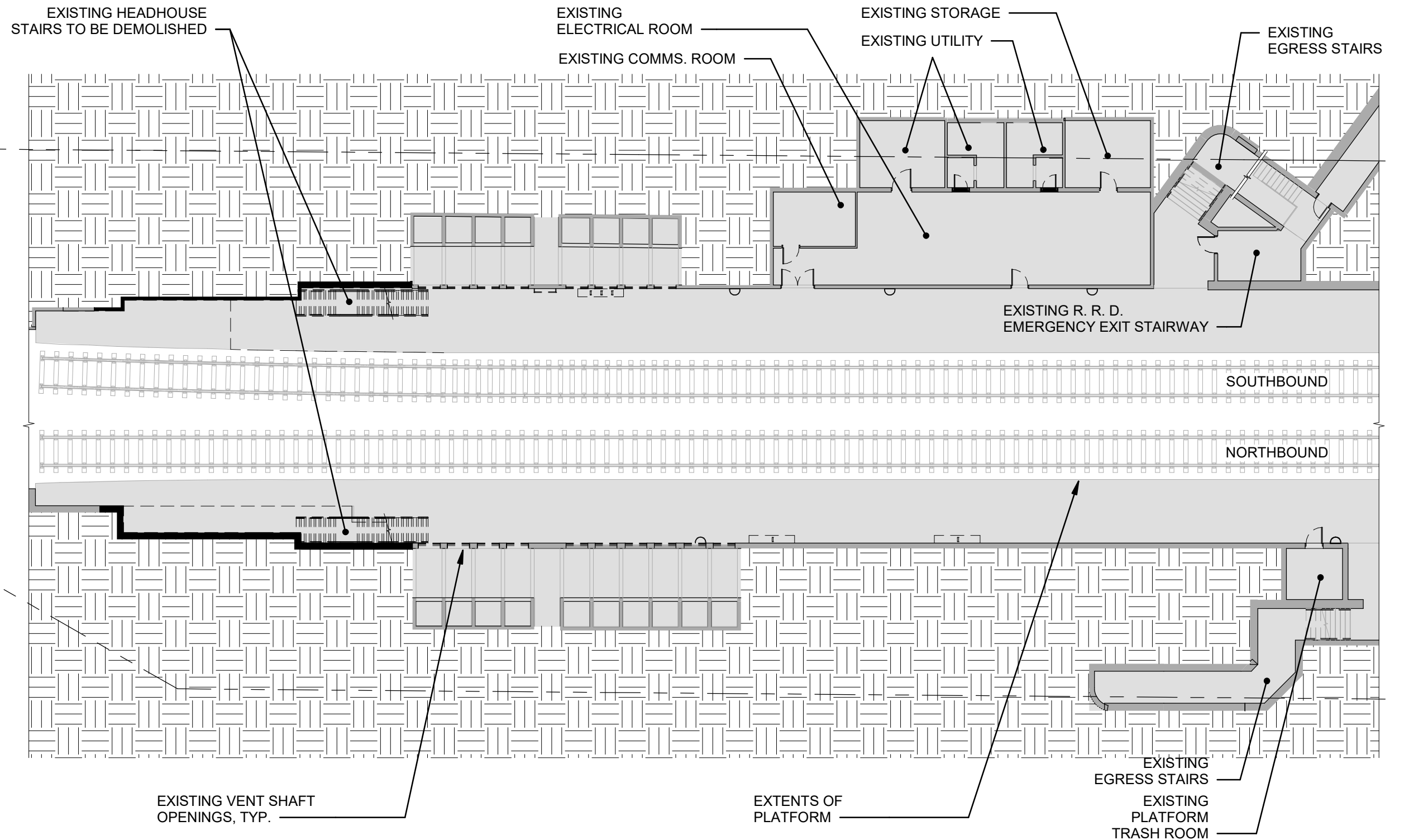


EXISTING STREET LEVEL PLAN

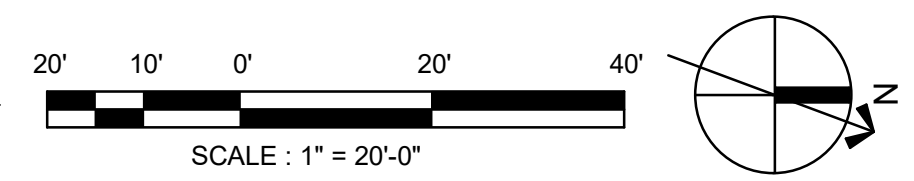
CHINATOWN STATION

JUNE 25, 2024

A 04

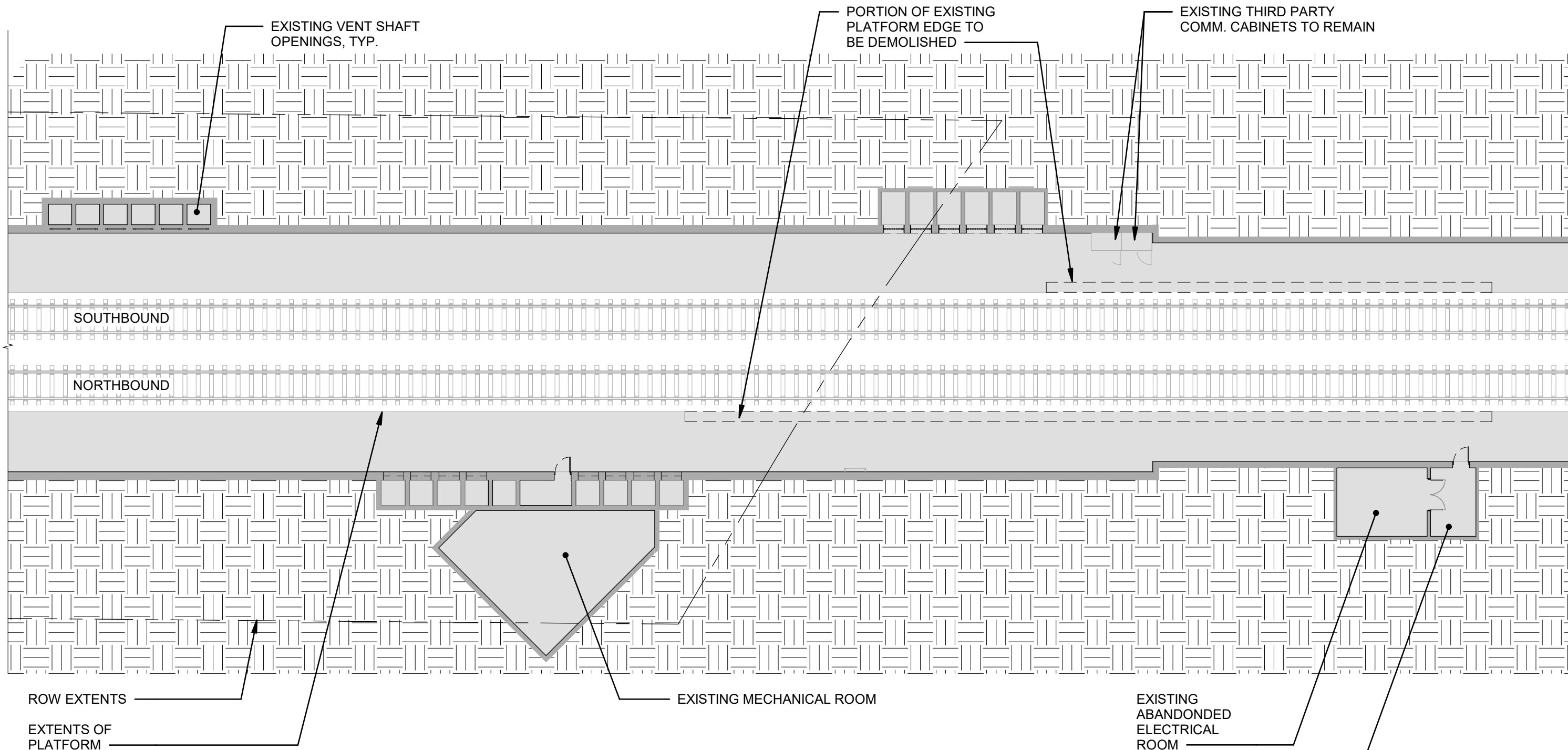


1 EXISTING PLATFORM LEVEL PLAN 01
 A 05 SCALE: 1" = 20'-0"

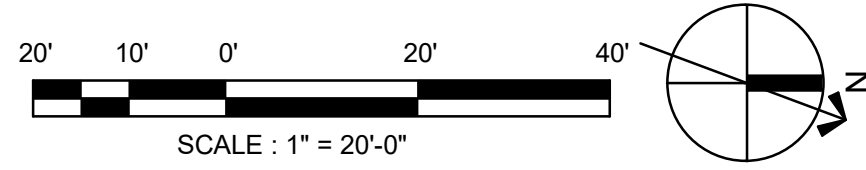


EXISTING PLATFORM PLAN
 CHINATOWN STATION
 JUNE 25, 2024
 A 05





1 EXISTING PLATFORM LEVEL PLAN 02
 A 06 SCALE: 1" = 20'-0"



EXISTING PLATFORM PLAN

CHINATOWN STATION

JUNE 25, 2024

A 06

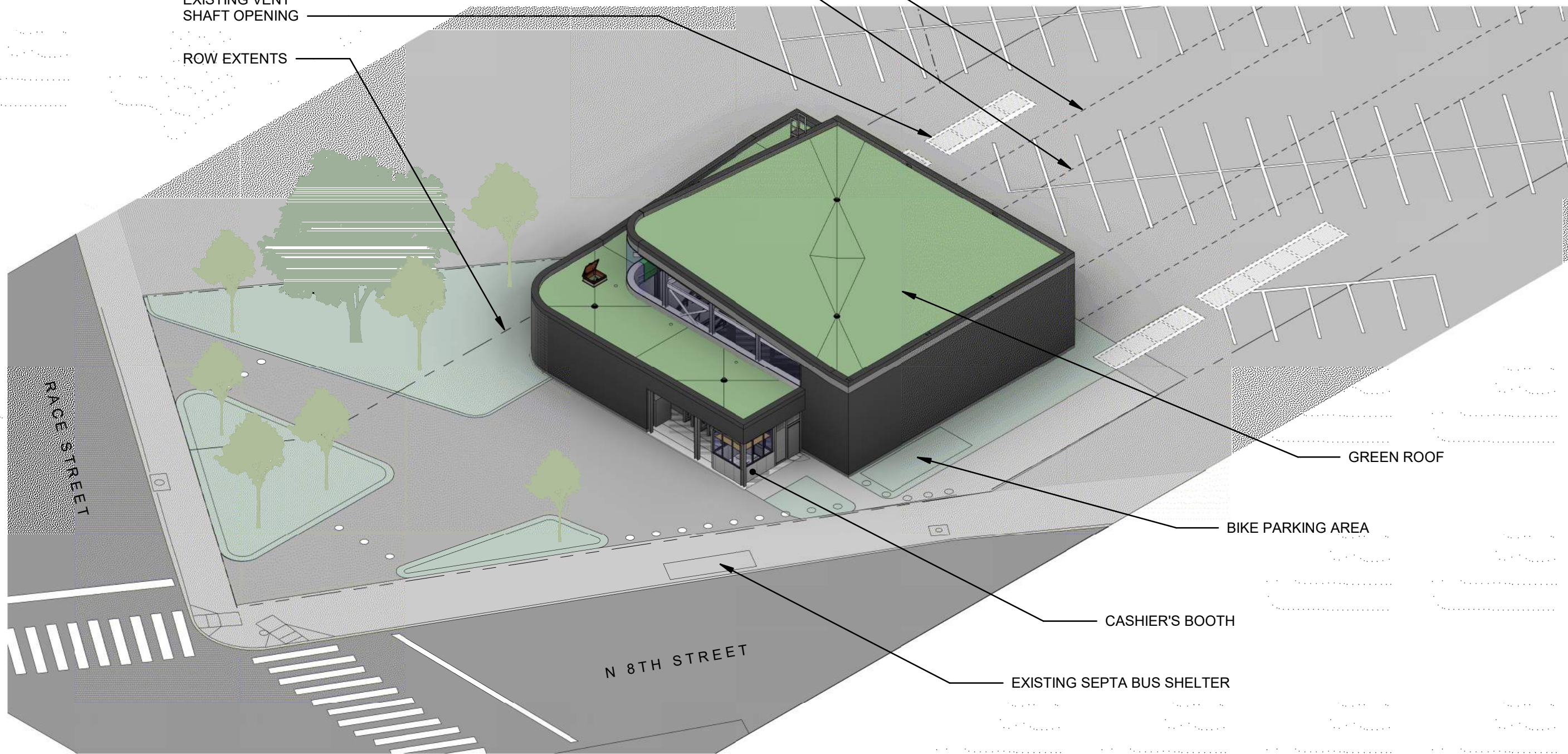


DASHED EXTENTS OF STATION BELOW

DASHED EXTENTS OF PLATFORM BELOW

EXISTING VENT SHAFT OPENING

ROW EXTENTS



GREEN ROOF

BIKE PARKING AREA

CASHIER'S BOOTH

EXISTING SEPTA BUS SHELTER

1
A 07

STREET AXON - NEW HEADHOUSE & PLAZA DESIGN

SCALE: NTS

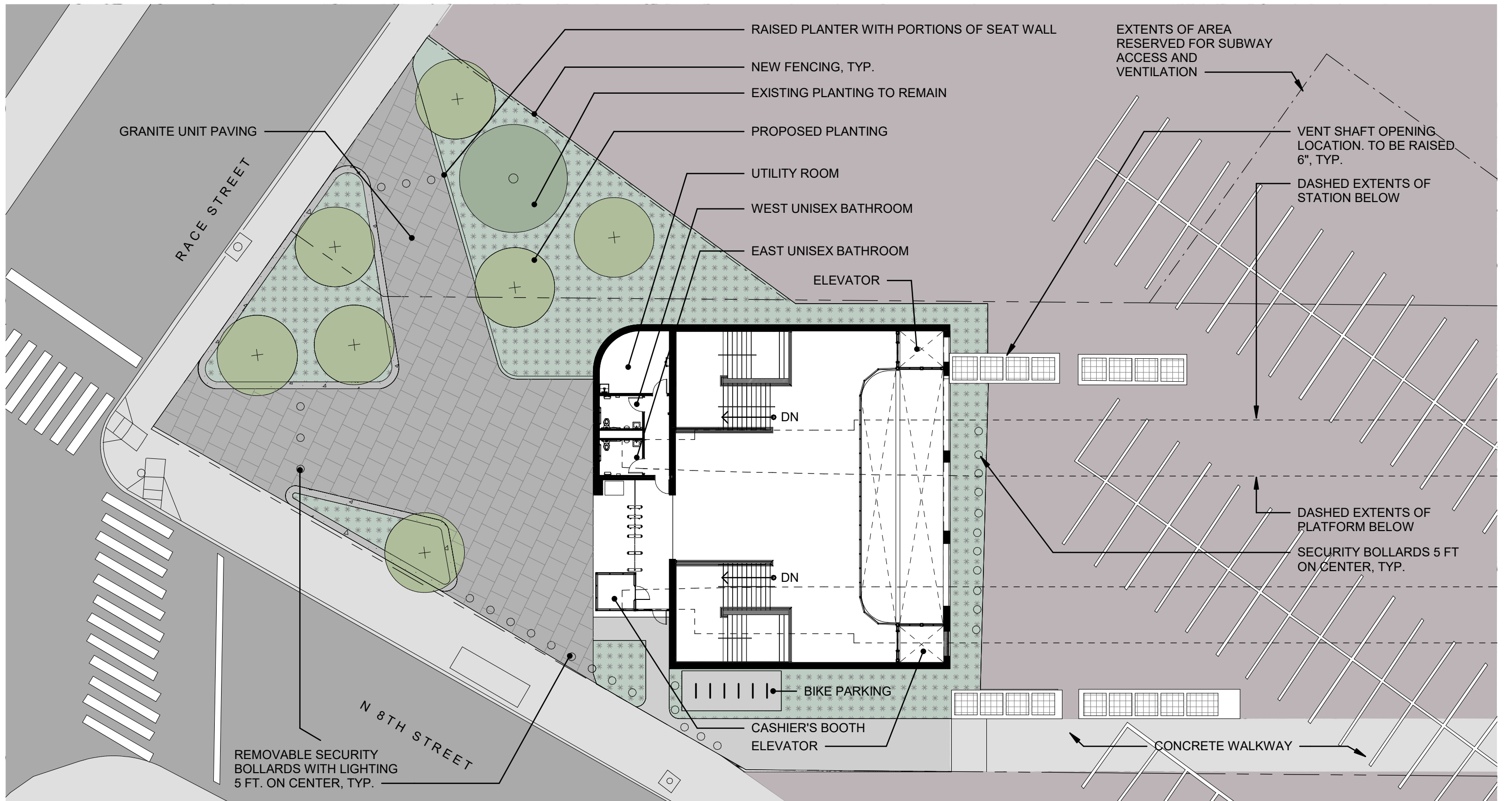
STREET LEVEL NEW HEADHOUSE AXONOMETRIC

CHINATOWN STATION

JUNE 25, 2024

A 07





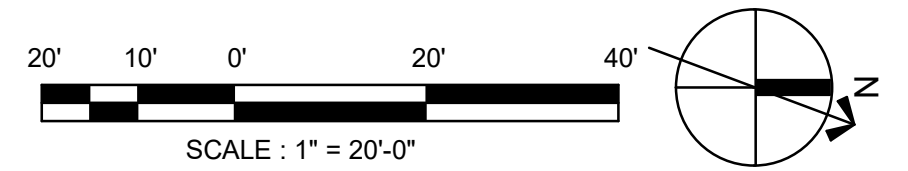
1 PROPOSED OVERALL STREET LEVEL PLAN 01
 A 08 SCALE: 1" = 20'-0"

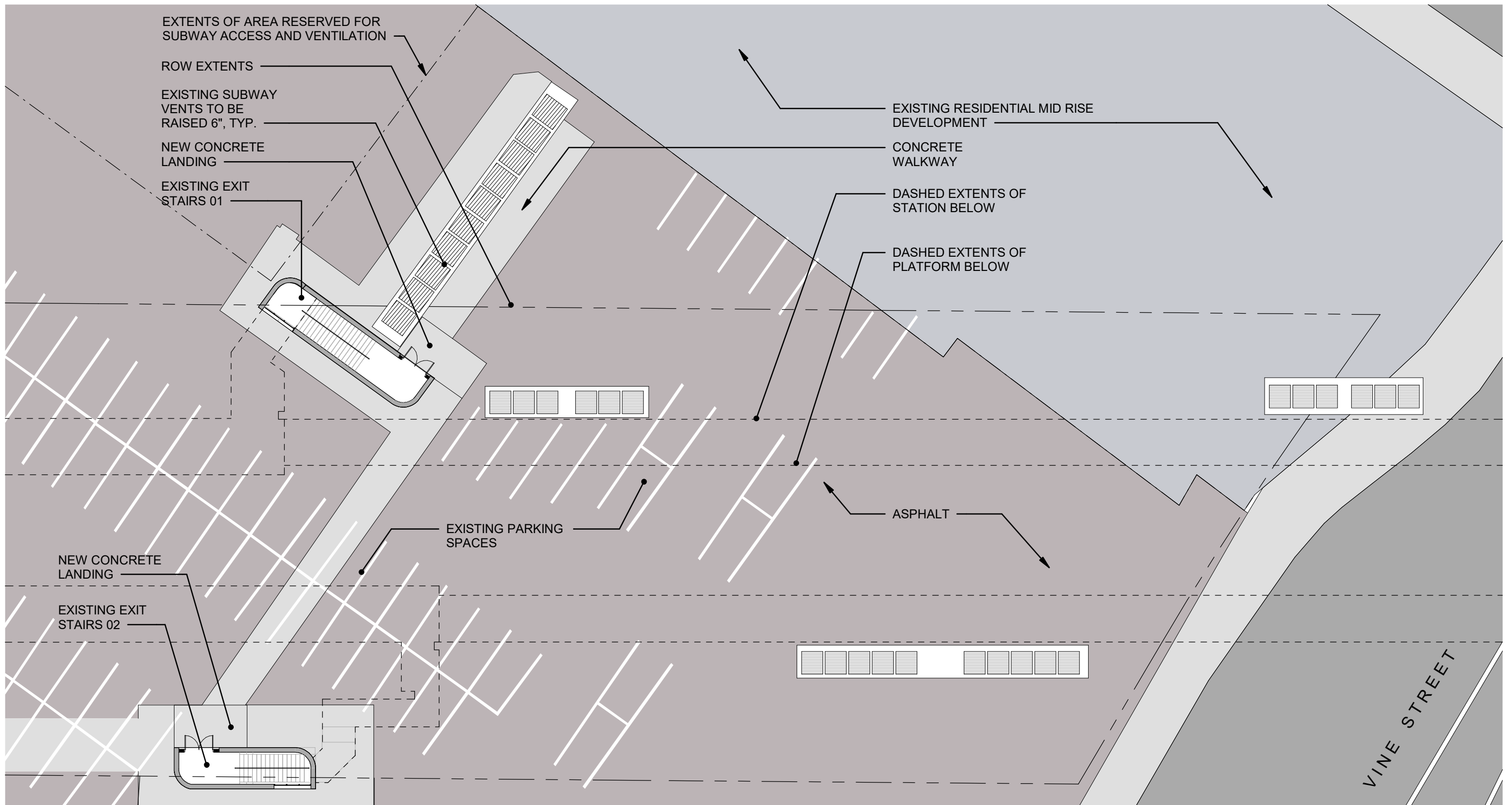
PROPOSED STREET LEVEL PLAN

CHINATOWN STATION

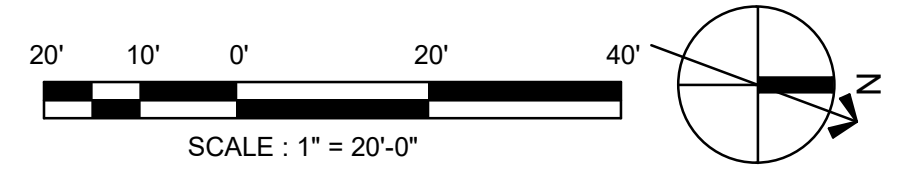
JUNE 25, 2024

A 08





1 PROPOSED OVERALL STREET LEVEL PLAN 02
 A 09 SCALE: 1" = 20'-0"



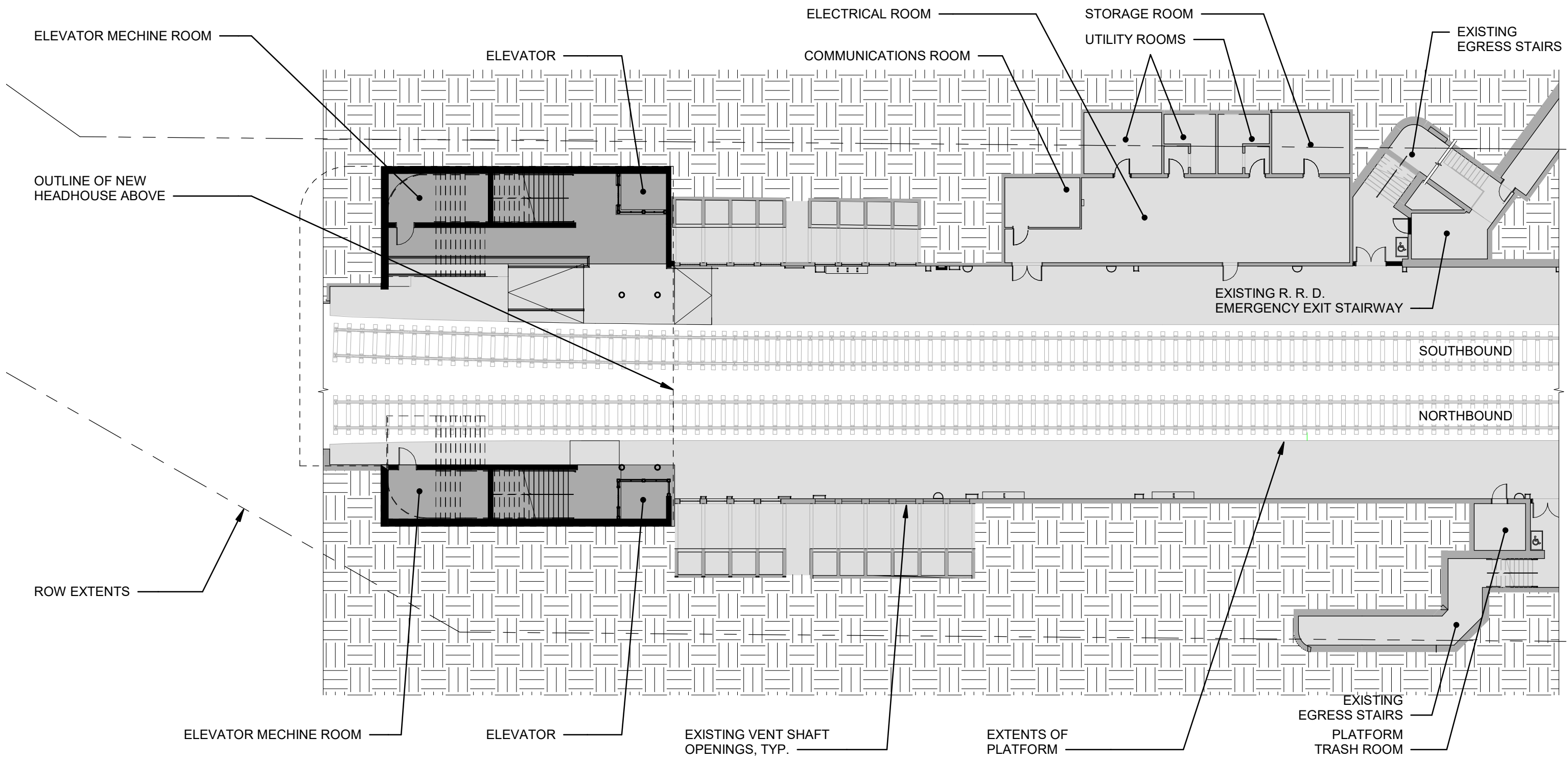
PROPOSED STREET LEVEL PLAN

CHINATOWN STATION

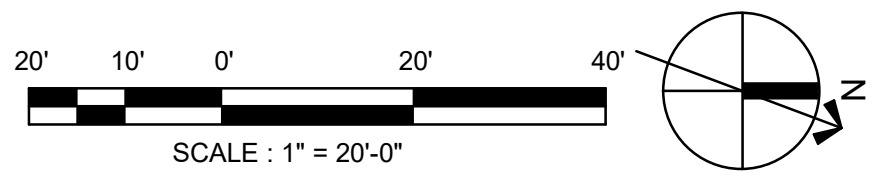
JUNE 25, 2024

A 09



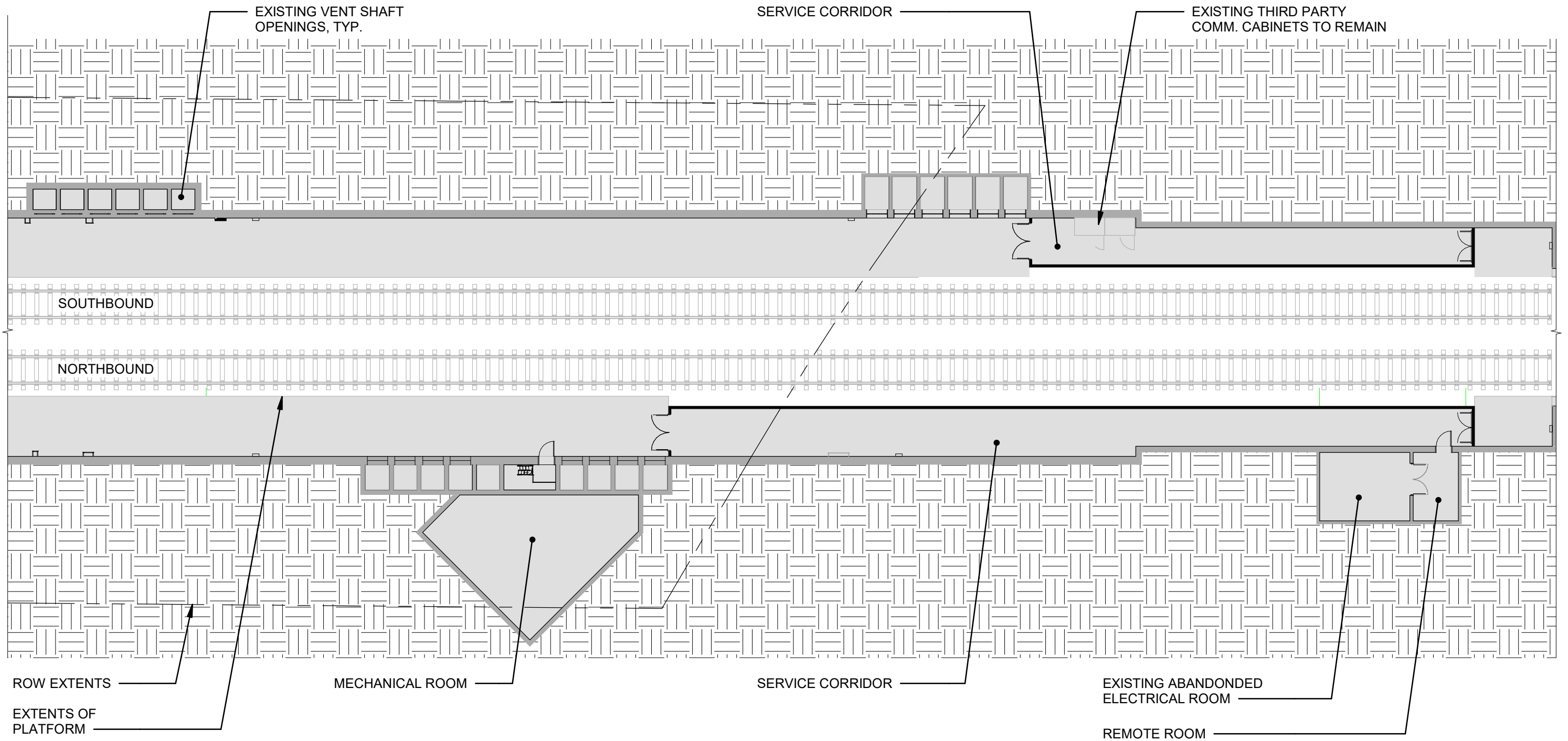


1 PROPOSED PLATFORM LEVEL PLAN 01
 A 10 SCALE: 1" = 20'-0"

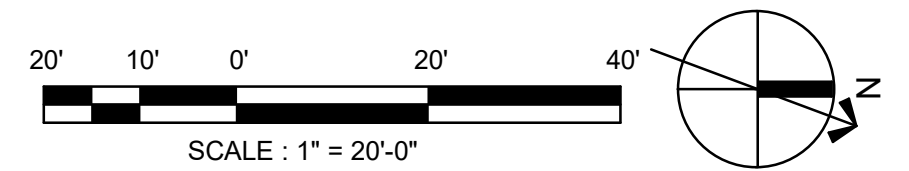


PROPOSED PLATFORM PLAN
 CHINATOWN STATION
 JUNE 25, 2024
 A 10





1 PROPOSED PLATFORM LEVEL PLAN 02
 A 11 SCALE: 1" = 20'-0"

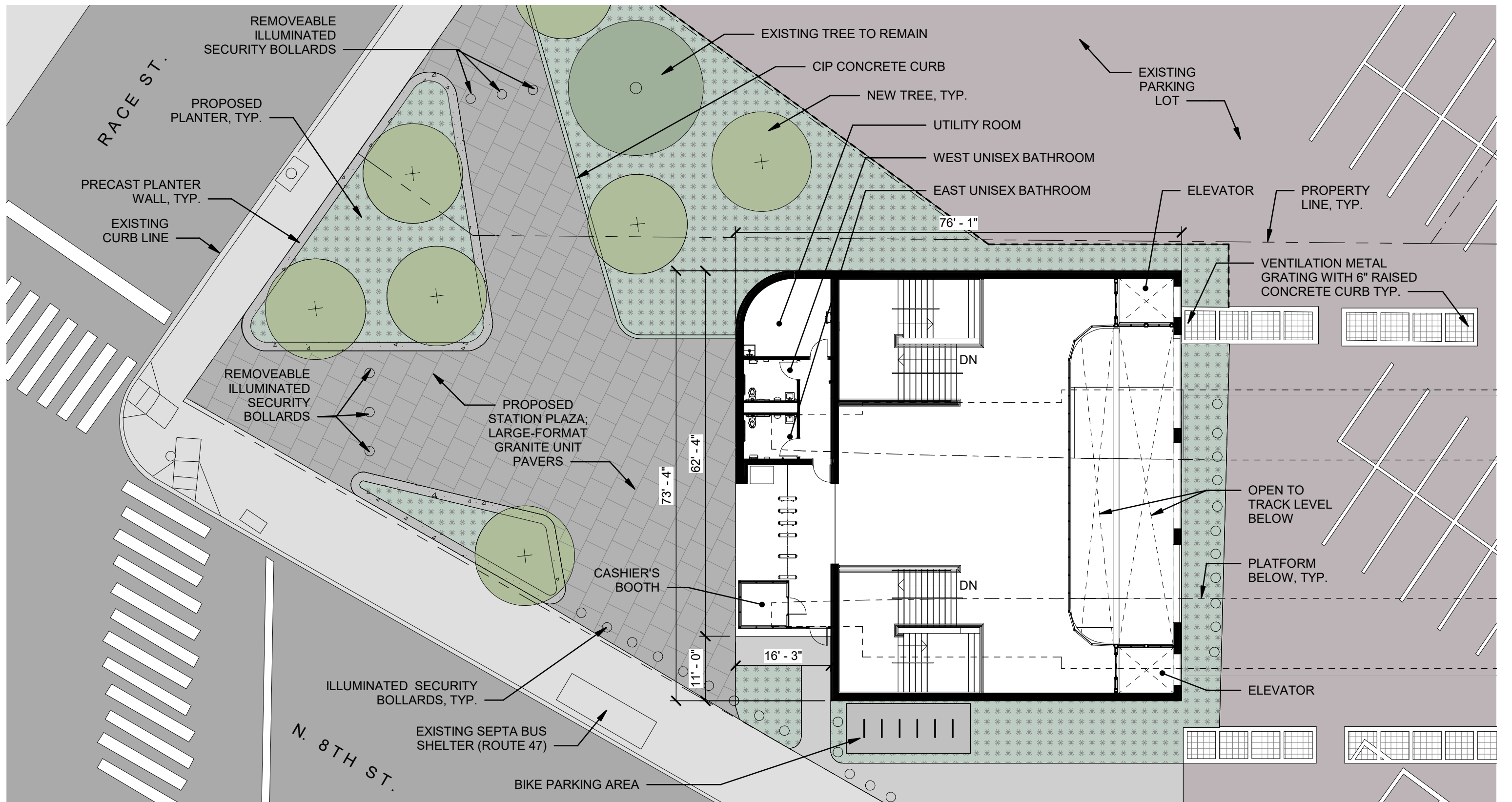


PROPOSED PLATFORM PLAN

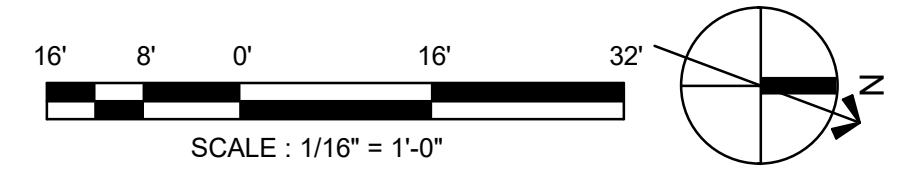
CHINATOWN STATION

JUNE 25, 2024

A 11



1 ENLARGED HEADHOUSE - STREET LEVEL PLAN
 A 12 SCALE: 1/16" = 1'-0"

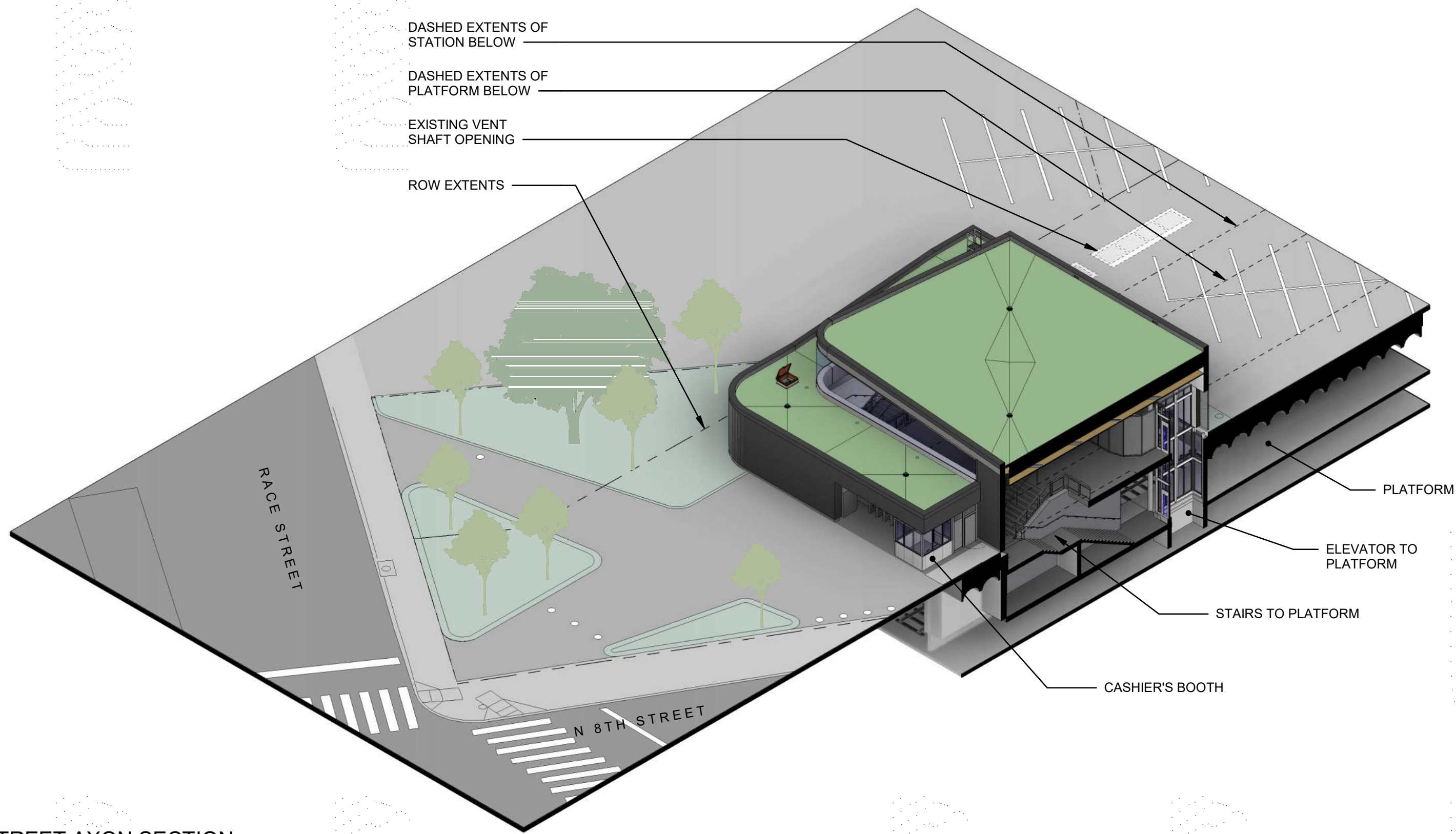


ENLARGED HEADHOUSE PLAN

CHINATOWN STATION

JUNE 25, 2024

A 12



DASHED EXTENTS OF STATION BELOW

DASHED EXTENTS OF PLATFORM BELOW

EXISTING VENT SHAFT OPENING

ROW EXTENTS

PLATFORM

ELEVATOR TO PLATFORM

STAIRS TO PLATFORM

CASHIER'S BOOTH

RACE STREET

N 8TH STREET

1 STREET AXON SECTION
A 13 SCALE: NTS

SECTIONAL AXONOMETRIC VIEW

CHINATOWN STATION

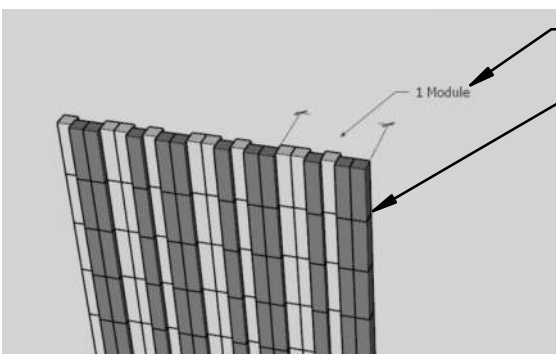
JUNE 25, 2024

A 13

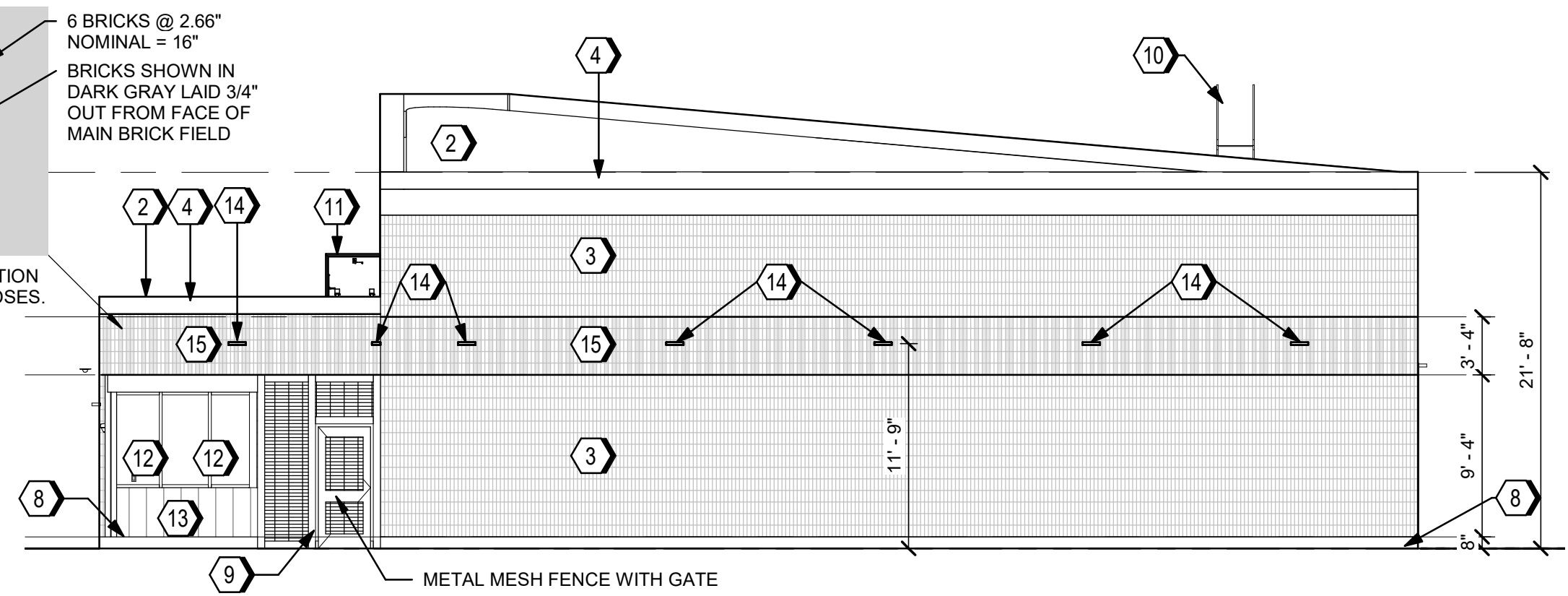


KEYNOTES

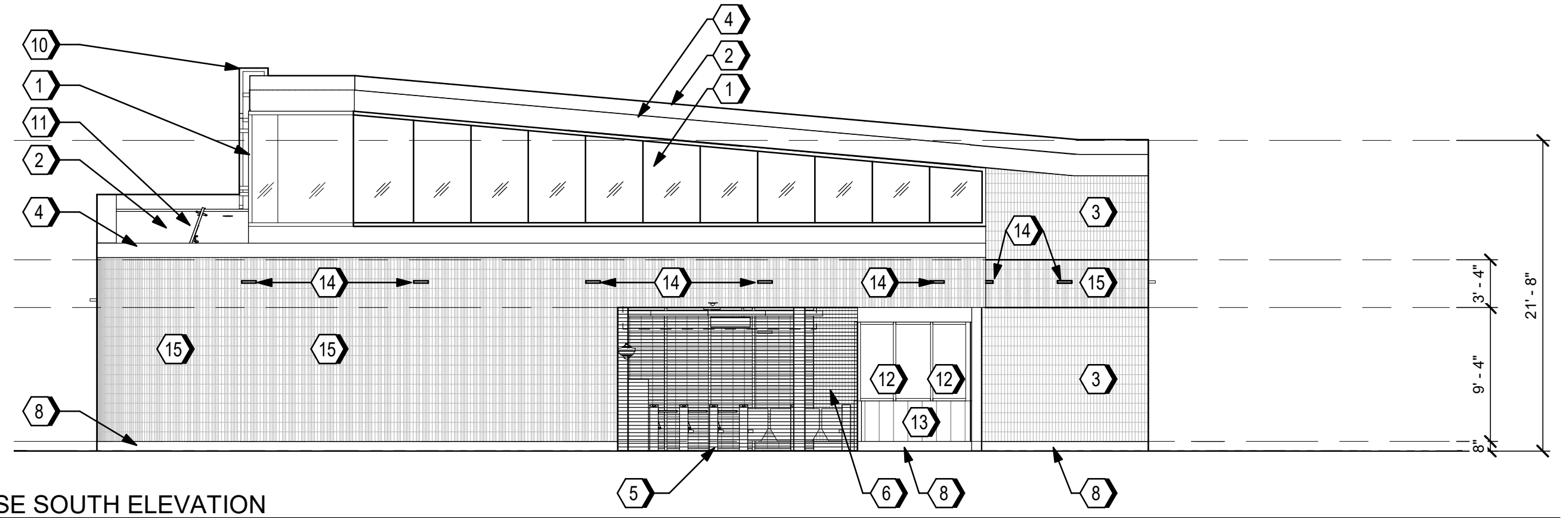
- ① IMPACT RESISTANT LAMINATED GLASS
- ② GREEN ROOF
- ③ GLAZED BRICK
- ④ METAL PANEL / COPING
- ⑤ SERVICE GATE
- ⑥ COILING SECURITY GATE
- ⑦ SOLID GLASS BRICK
- ⑧ STONE PANELS
- ⑨ METAL MESH
- ⑩ FIXED LADDER
- ⑪ ROOF HATCH
- ⑫ LAMINTATED GLASS
- ⑬ BOOTH WALL ASSEMBLY
- ⑭ EXTERIOR LIGHT
- ⑮ GLAZED BRICK WITH SAWTOOTH BRICK WYTHE
- ⑯ SCUPPER OPENING OVERFLOW ROOF DRAIN



BRICK TO BE UNIFORM COLOR. VARIATION IN IMAGE IS FOR DIAGRAMATIC PURPOSES.



1 NEW HEADHOUSE EAST ELEVATION
A 14 SCALE: 1/8" = 1'-0"

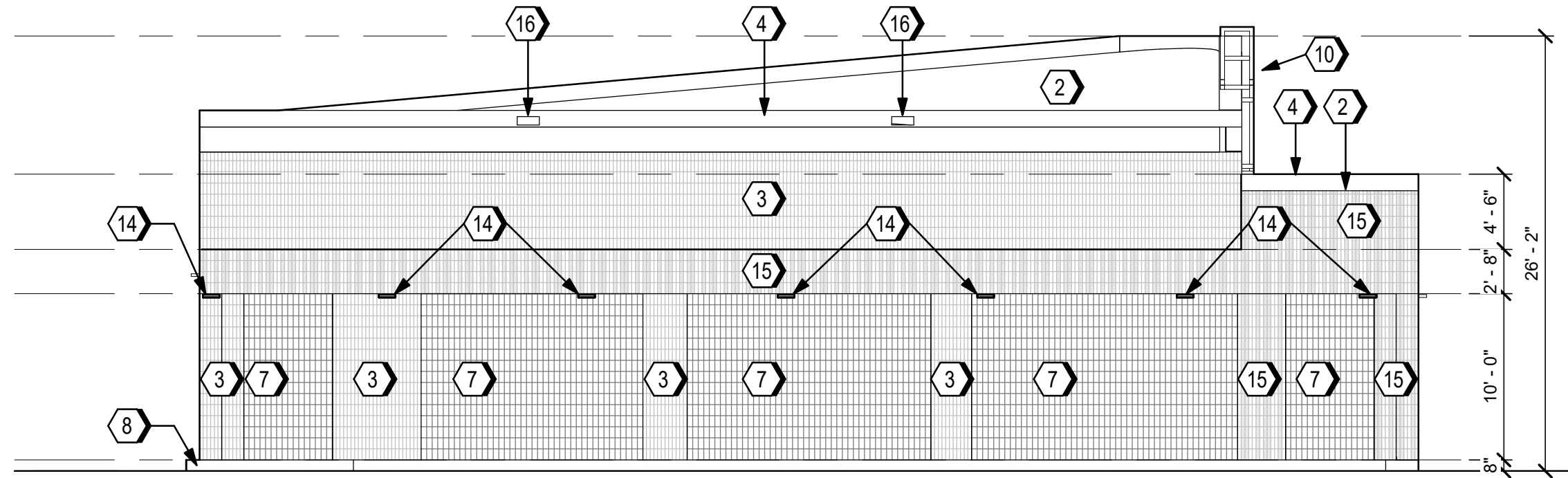


2 NEW HEADHOUSE SOUTH ELEVATION
A 14 SCALE: 1/8" = 1'-0"

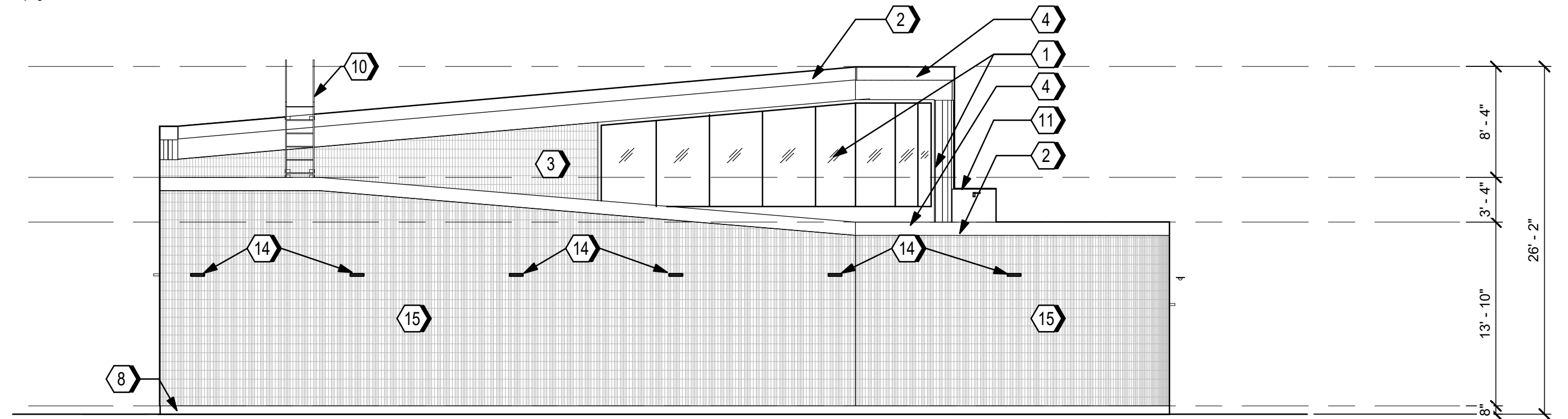
HEADHOUSE ELEVATIONS
CHINATOWN STATION
JUNE 25, 2024
A 14

KEYNOTES

- ① IMPACT RESISTANT LAMINATED GLASS
- ② GREEN ROOF
- ③ GLAZED BRICK
- ④ METAL PANEL / COPING
- ⑤ SERVICE GATE
- ⑥ COILING SECURITY GATE
- ⑦ SOLID GLASS BRICK
- ⑧ STONE PANELS
- ⑨ METAL MESH
- ⑩ FIXED LADDER
- ⑪ ROOF HATCH
- ⑫ LAMINTATED GLASS
- ⑬ BOOTH WALL ASSEMBLY
- ⑭ EXTERIOR LIGHT
- ⑮ GLAZED BRICK WITH SAWTOOTH BRICK WYTHE
- ⑯ SCUPPER OPENING
- ⑰ OVERFLOW ROOF DRAIN



1 NEW HEADHOUSE NORTH ELEVATION
 A 15 SCALE: 1/8" = 1'-0"



2 NEW HEADHOUSE WEST ELEVATION
 A 15 SCALE: 1/8" = 1'-0"

HEADHOUSE ELEVATIONS
CHINATOWN STATION
 JUNE 25, 2024
 A 15



BIRD'S EYE VIEW FROM SOUTHEAST CORNER, LOOKING NORTHWEST

PROPOSED PERSPECTIVE
CHINATOWN STATION
JUNE 25, 2024
A 16



OVERALL PERSPECTIVE VIEW FROM 8TH STREET, LOOKING NORTHWEST

PROPOSED PERSPECTIVE
CHINATOWN STATION
JUNE 25, 2024
A 17



ENTRANCE PERSPECTIVE VIEW FROM 8TH STREET, LOOING NORTHWEST

PROPOSED PERSPECTIVE
CHINATOWN STATION
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A 18



SIDE/ REAR PERSPECTIVE VIEW FROM 8TH STREET, LOOKING SOUTHWEST

PROPOSED PERSPECTIVE

CHINATOWN STATION

JUNE 25, 2024

A 19



PRELIMINARY

INTERIOR PERSPECTIVE VIEW, LOOKING NORTHWEST AT ELEVATOR #2

PROPOSED PERSPECTIVE

CHINATOWN STATION

JUNE 25, 2024

A 20



INTERIOR PERSPECTIVE VIEW, LOOKING SOUTHEAST AT FARE LINE

PROPOSED PERSPECTIVE
CHINATOWN STATION
JUNE 25, 2024
A 21



INTERIOR PERSPECTIVE VIEW AT PLATFORM LEVEL, LOOKING NORTHWEST AT ELEVATOR #1

PROPOSED PERSPECTIVE
CHINATOWN STATION
JUNE 25, 2024
A 22



VIEW OF HEADHOUSE LOOKING NORTHWEST FROM THE INTERSECTION OF RACE & N 8TH STREETS



VIEW OF BUS SHELTER AT N 8TH STREET, LOOKING NORTH



VIEW OF PLAZA LOOKING WEST



VIEW OF HEADHOUSE & PLAZA LOOKING NORTHWEST

EXISTING PERSPECTIVES

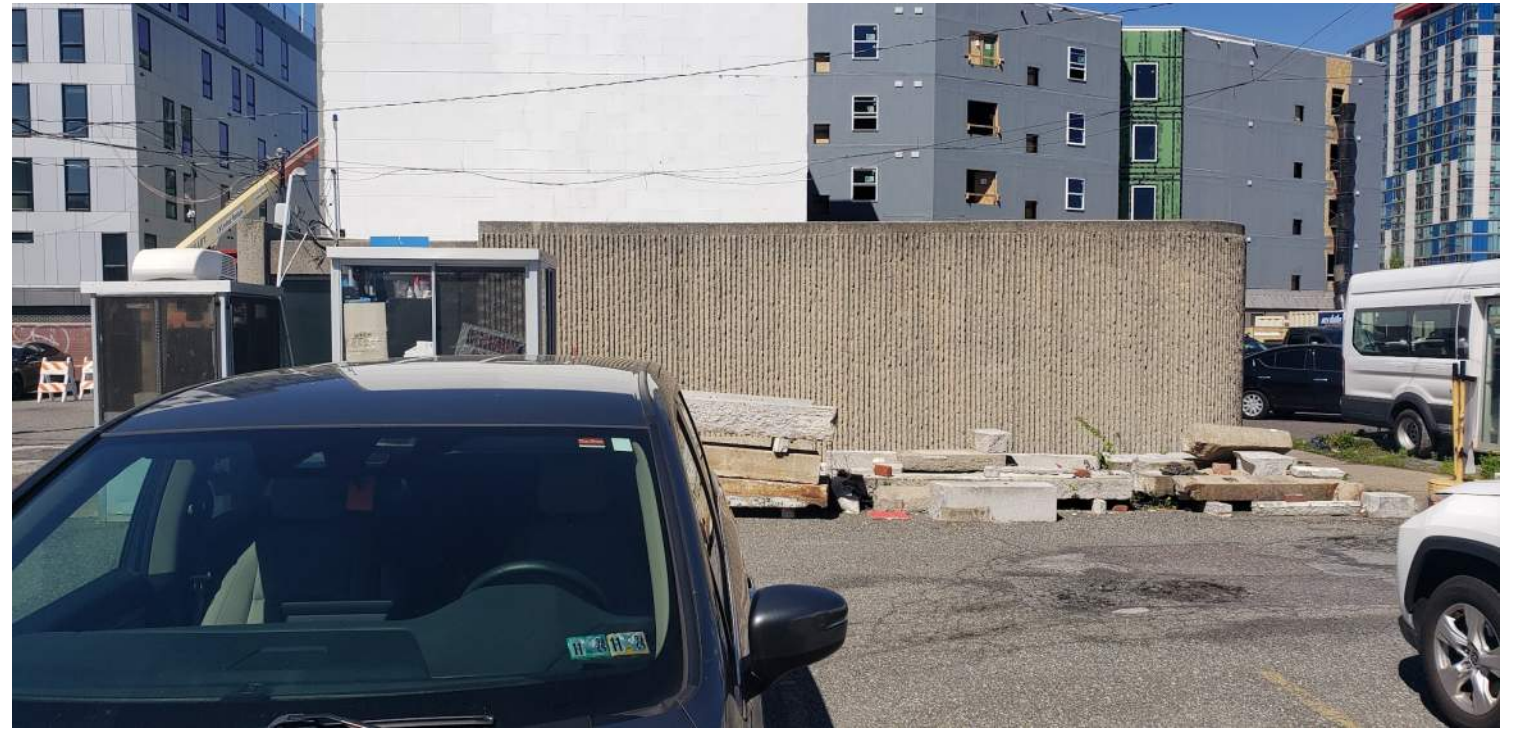
CHINATOWN STATION

JUNE 25, 2024

A 23



VIEW OF WEST EXISTING EGRESS STAIR HEADHOUSE LOOKING EAST



VIEW OF WEST EXISTING EGRESS STAIR HEADHOUSE LOOKING WEST



VIEW OF EAST EXISTING EGRESS STAIR HEADHOUSE LOOKING NORTHEAST



VIEW OF EAST EXISTING EGRESS STAIR HEADHOUSE LOOKING SOUTHWEST

EXISTING PERSPECTIVES

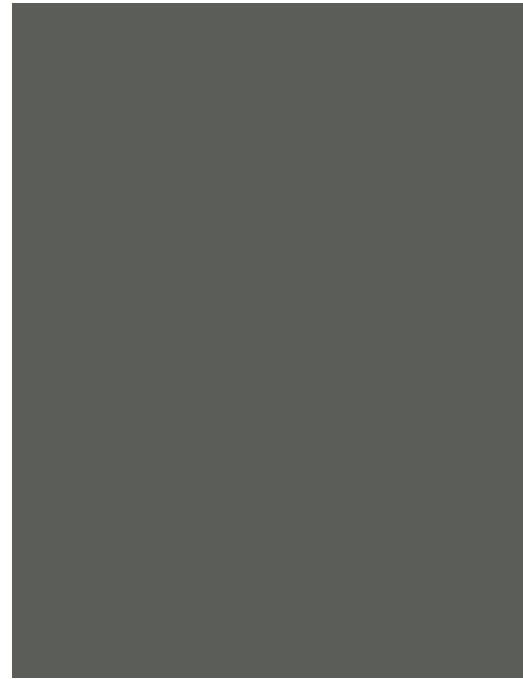
CHINATOWN STATION

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A 24



INTERIOR CEILING
WOOD GRAIN IN METAL PANEL



FACADE ELEMENTS
METAL PANEL



FACADE BASE
BASALT STONE VENEER



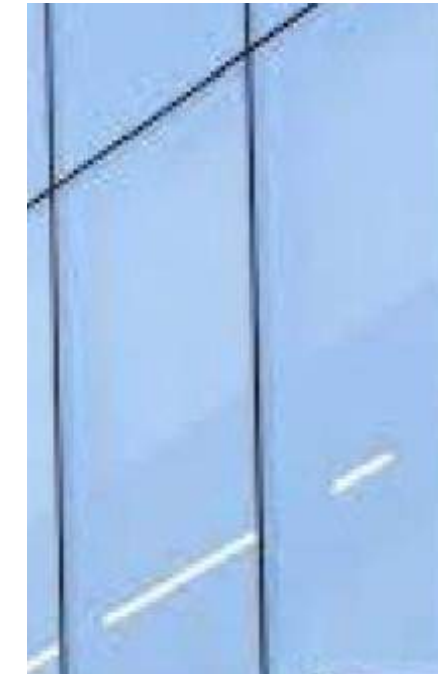
WINDOWS
SOLID GLASS BRICK



GREEN ROOF
INTENSIVE



GREEN ROOF
EXTENSIVE



CLERESTORY
GLASS STOREFRONT

MATERIAL PALETTE
CHINATOWN STATION

JUNE 25, 2024
A 25



EXTERIOR WALL
GLAZED BRICK

BASIS OF DESIGN
MANGANESE IRONSPOT BY ENDICOTT
SMOOTH MODULAR

