



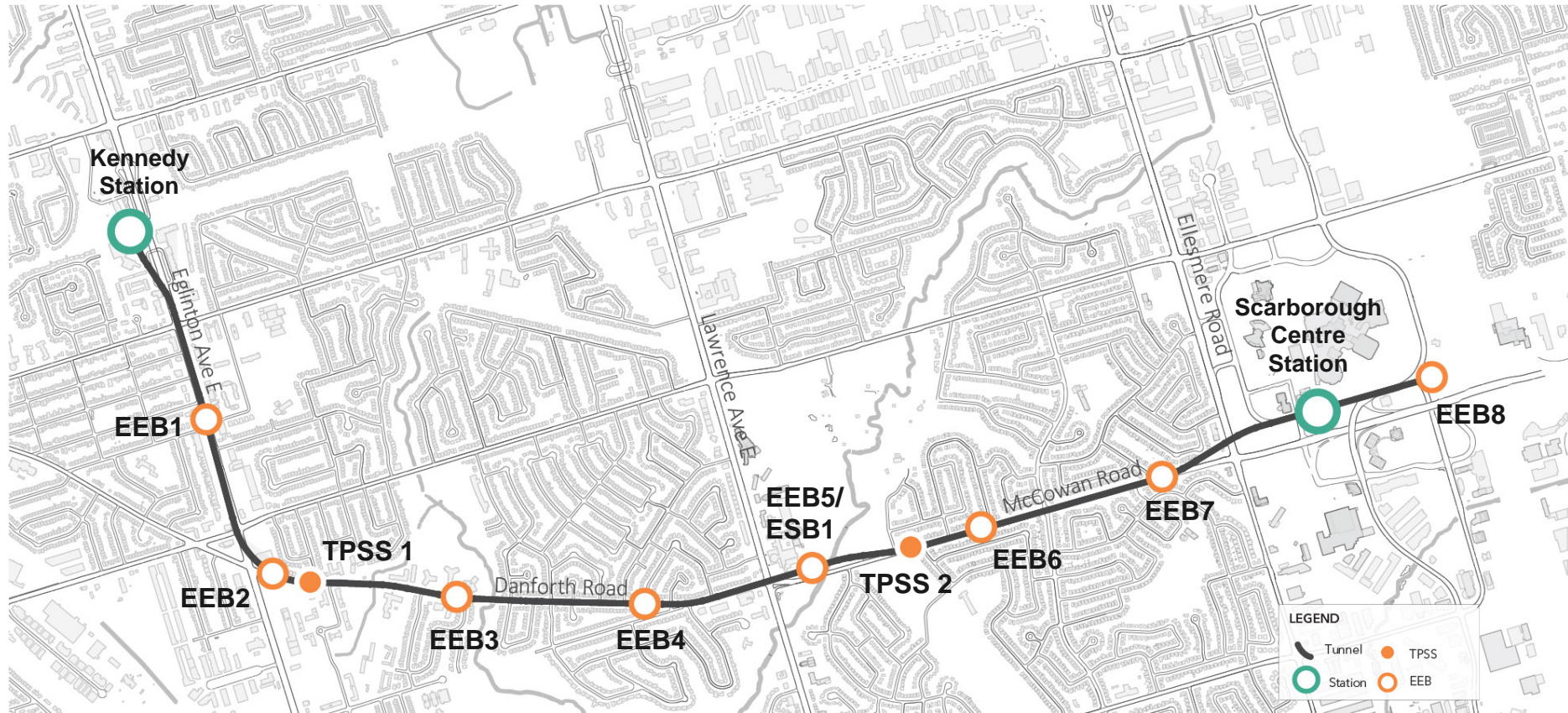
SCARBOROUGH SUBWAY EXTENSION

SCARBOROUGH SUBWAY EXTENSION DESIGN REVIEW PANEL

JULY 27, 2018



Ancillary Facility Alignment

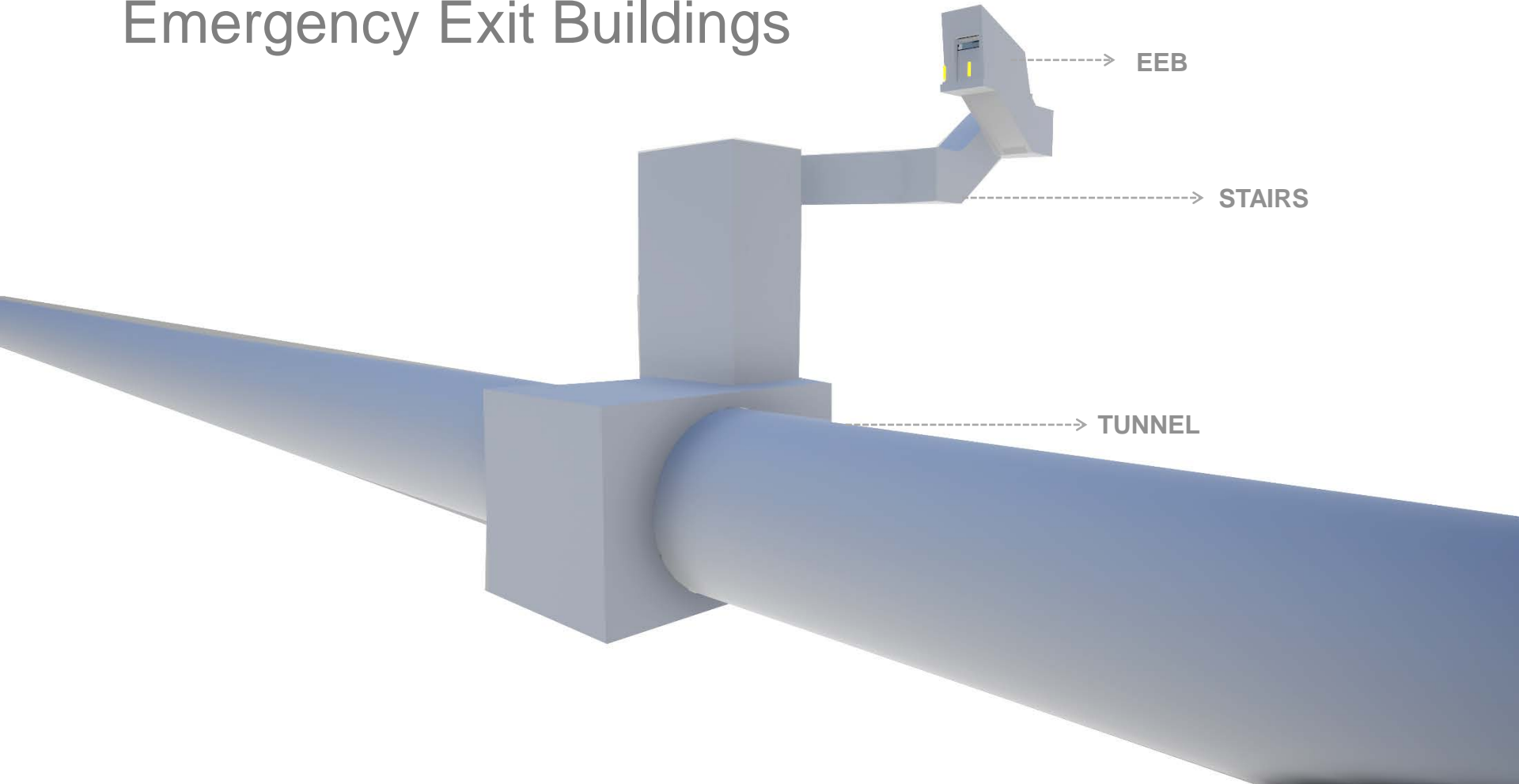


Scope

- 2 New Traction Power Substations (TPSS)
- 1 Modified/Addition TPSS at Kennedy Station
- 8 New Emergency Exit Buildings (EEB)



Emergency Exit Buildings

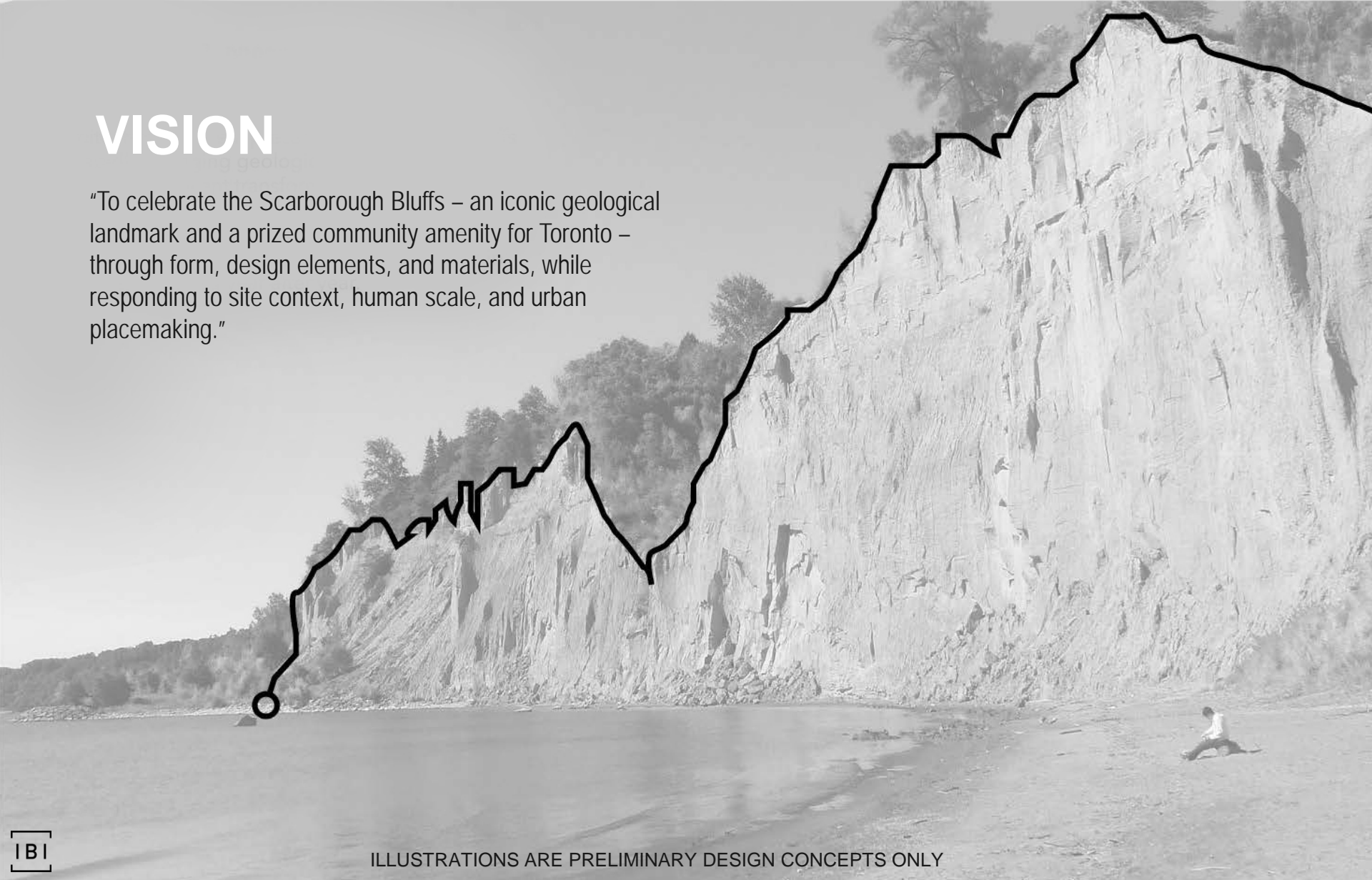


Provides mid-station egress from the tunnels via cross tunnel passages and stairway shafts as well as provides access for emergency response personnel into the tunnel system.



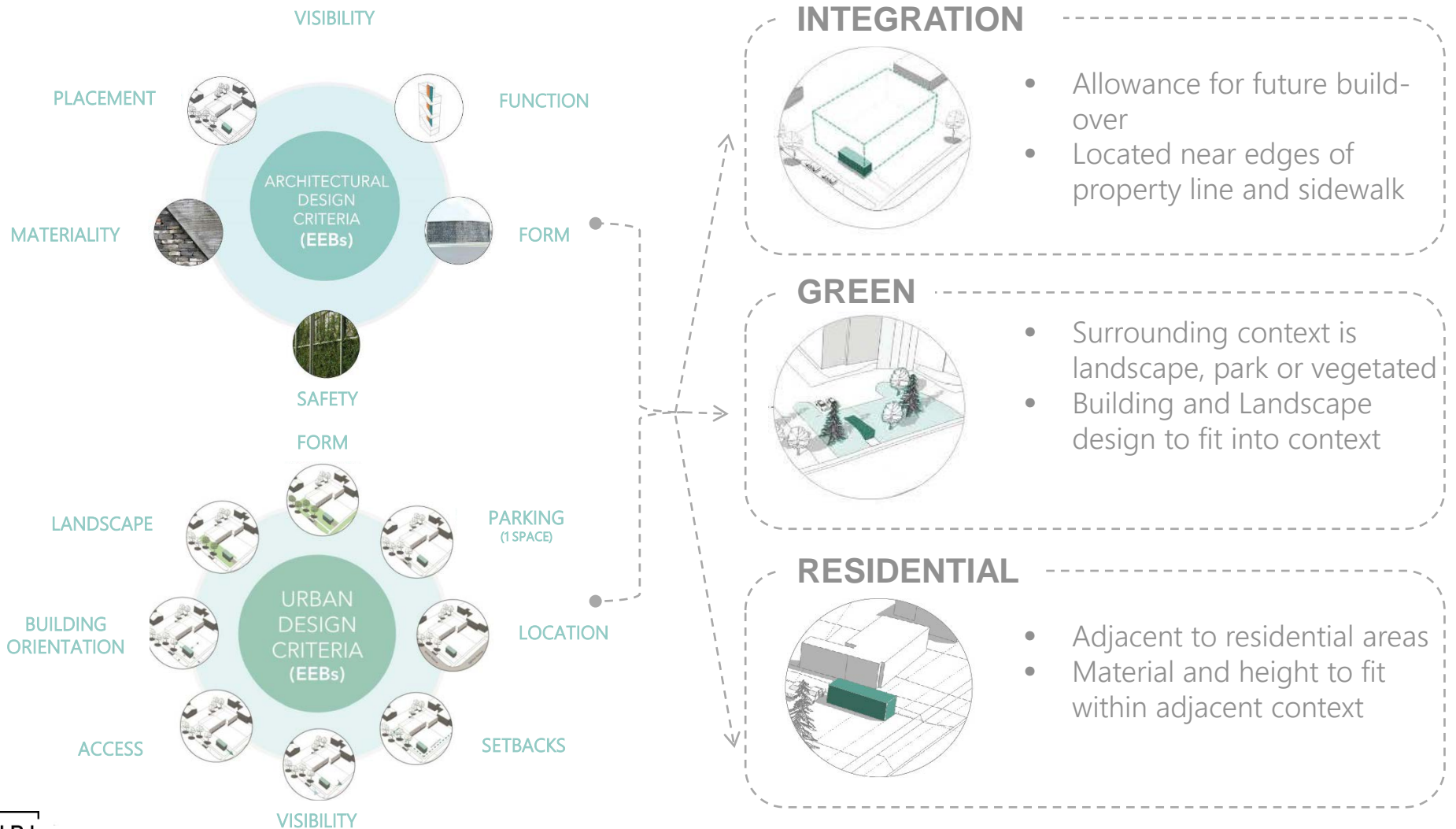
VISION

"To celebrate the Scarborough Bluffs – an iconic geological landmark and a prized community amenity for Toronto – through form, design elements, and materials, while responding to site context, human scale, and urban placemaking."





Design Criteria & Typologies



ILLUSTRATIONS ARE PRELIMINARY DESIGN CONCEPTS ONLY





Form, Materiality & Vision



INTEGRATION



GREEN

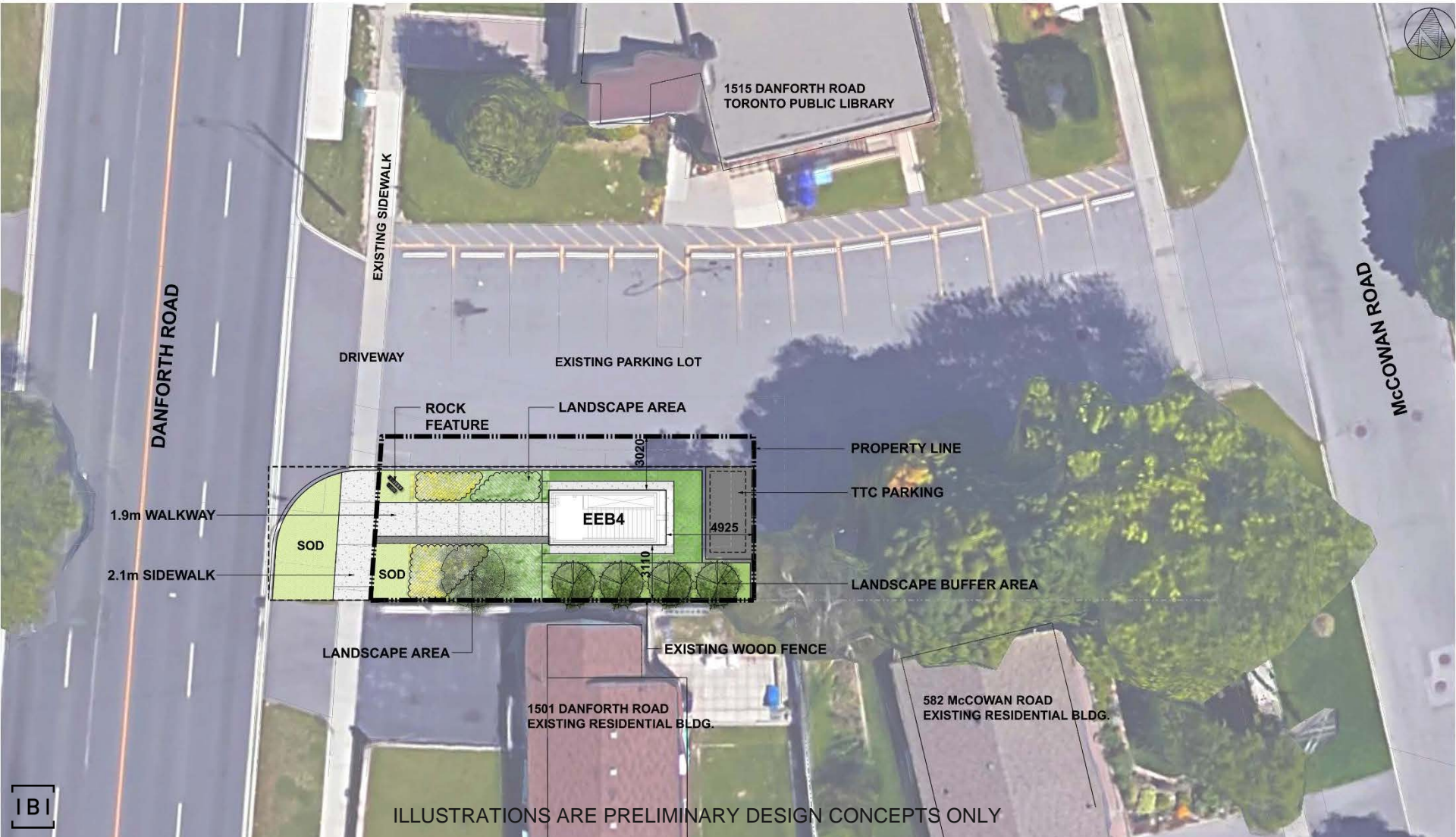


RESIDENTIAL





Example - EEB 4 (Residential) - Site





Example - EEB 4 (Residential) - Perspective





Renderings

INTEGRATION



GREEN



RESIDENTIAL

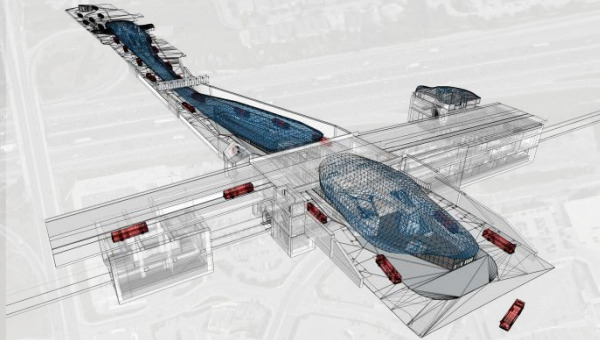




SCARBOROUGH CENTRE STATION

SCARBOROUGH SUBWAY EXTENSION

DRP No. 1 JULY 2017



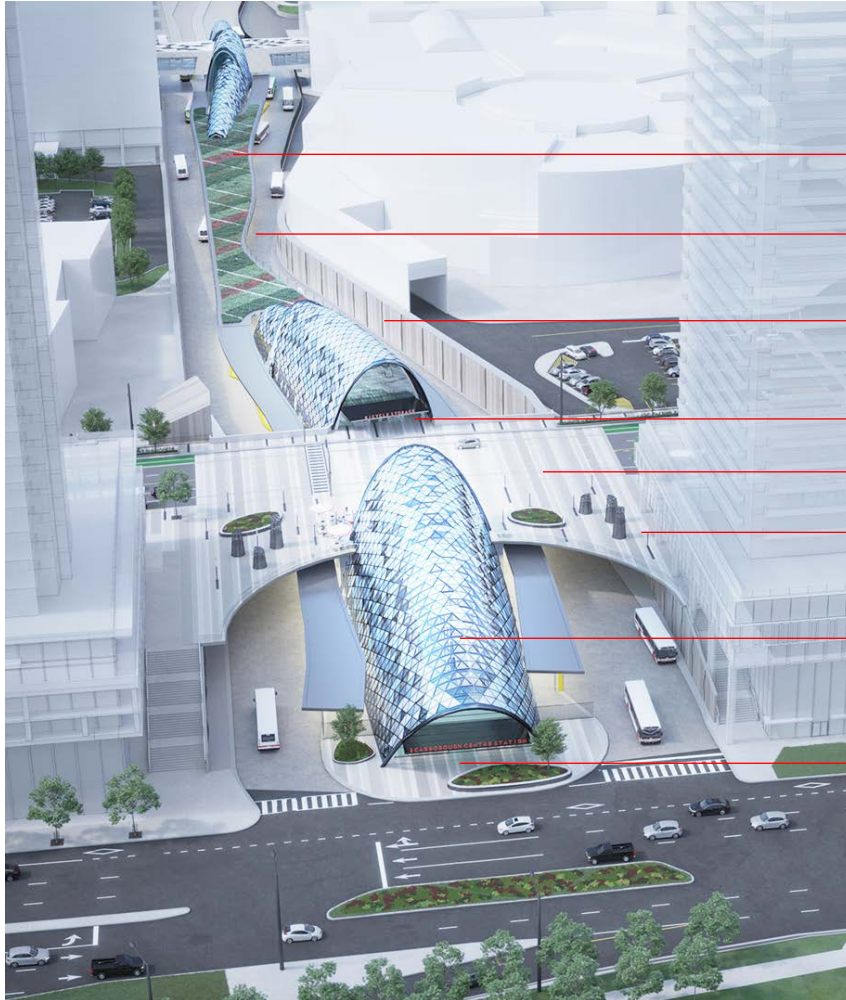
KEY POINTS FROM PANEL

- A comprehensive Master Plan is required to set principles and structure for the station and future development,
- Connectivity and Public Realm should be overriding goals,
- Ambitious project needs to be really ambitious holistically,
- Synchronize the disconnect between the station design and TMP,
- Integrate Entrances with Public Realm design,
- Increase the number of Entrances,
- Provide connectivity across the trench and design the edges,
- Consider the passenger experience in the Bus terminal,
- Elevate greening/ landscape in Scarborough Centre, and
- Increase sustainability ambitions



ARCHITECTURAL CONCEPT

SCARBOROUGH SUBWAY EXTENSION



GREEN ROOF, VIRTUAL GROUND PLANE OVER THE BUS TERMINAL

BUS PASSENGER EXPERIENCE IN THE “TRENCH”

ENCLOSING WALLS WITH PATTERN, TEXTURE, LIGHT, AND ART

BICYCLE INFRASTRUCTURE

PEDESTRIAN PRECINCT & PROMENADE

BOROUGH PLAZA WITH ACTIVE FRONTAGES

RISING SHELL FORMS, DYNAMIC SKIN, EFFICIENT STRUCTURE, CONTEMPORARY OPENNESS

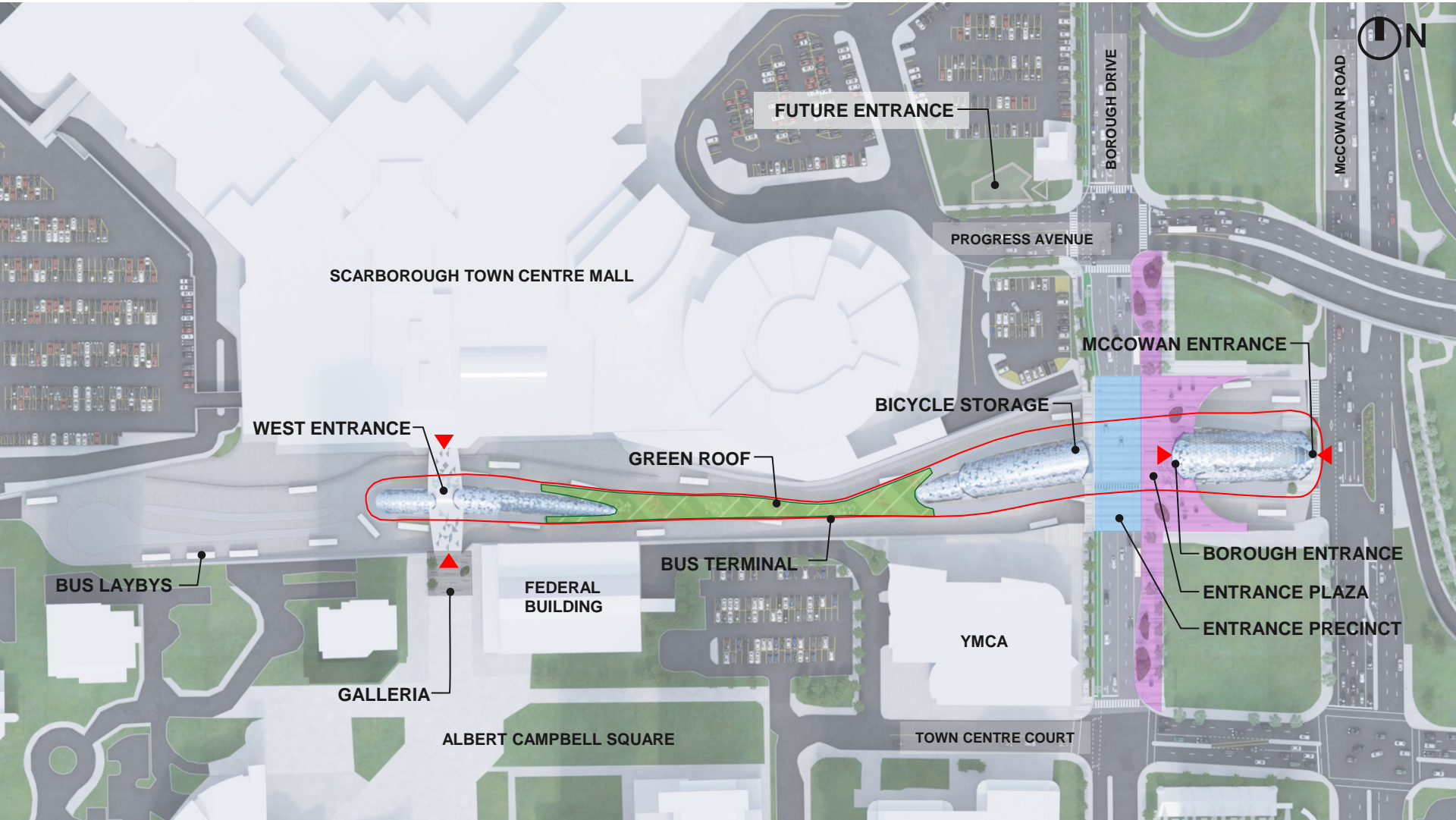
ENTRANCES ENGAGE WITH PUBLIC SPACES AND PROVIDE CONNECTIVITY

SUSTAINABLE INFRASTRUCTURE



STATION SITE PLAN

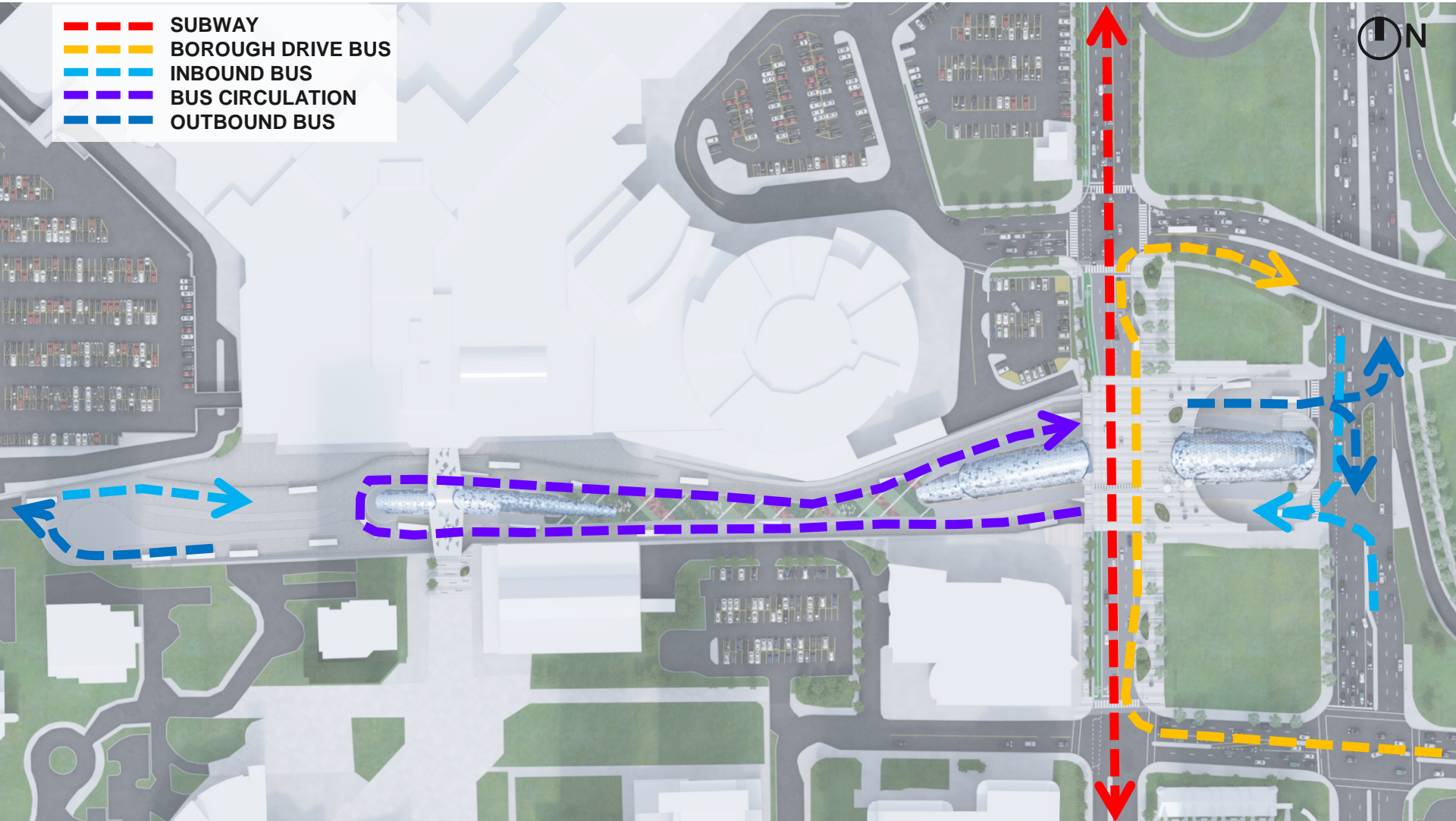
SCARBOROUGH SUBWAY EXTENSION





BUS & SUBWAY OPERATIONS

SCARBOROUGH SUBWAY EXTENSION

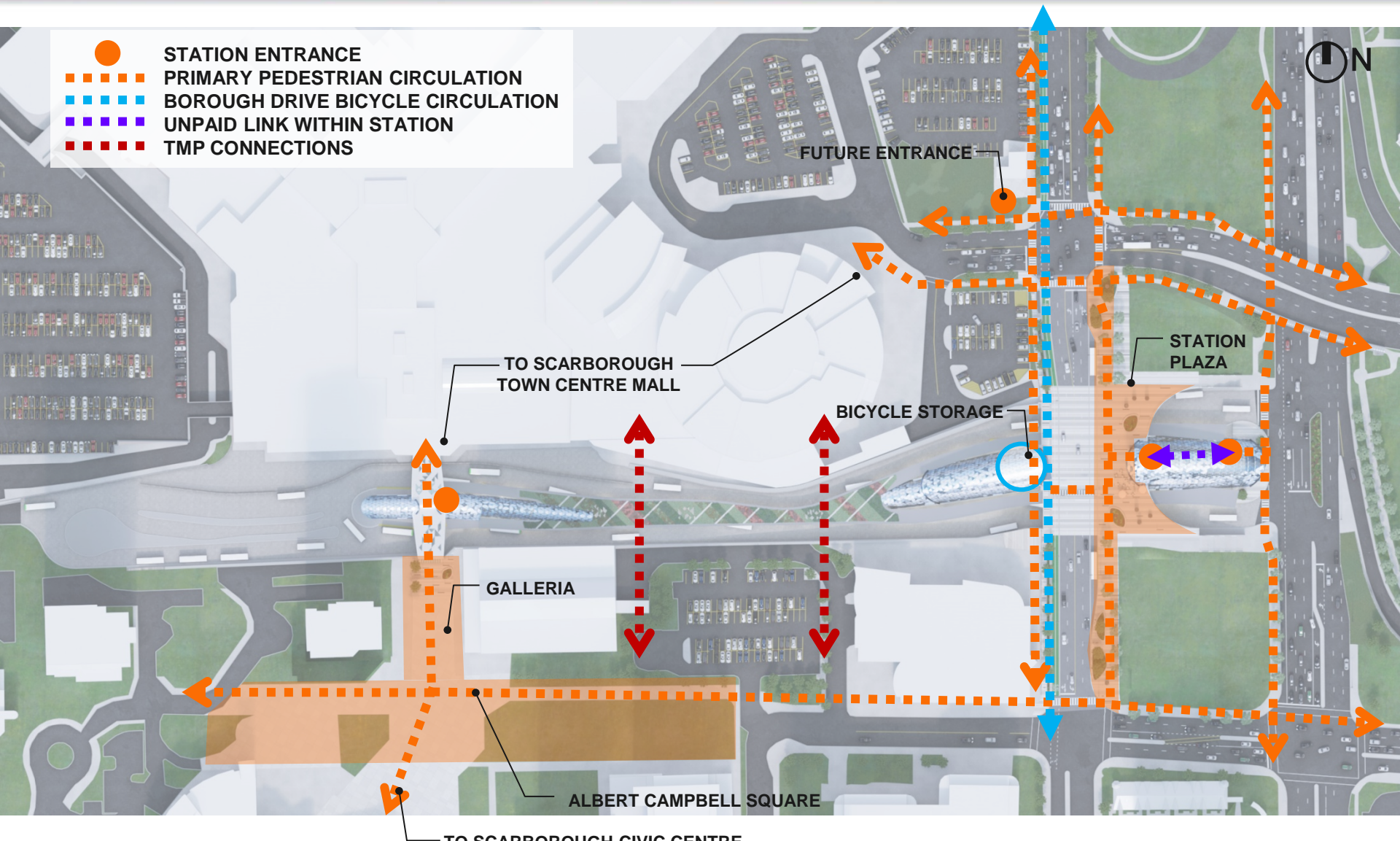




CONNECTIVITY & PUBLIC SPACES

SCARBOROUGH SUBWAY EXTENSION

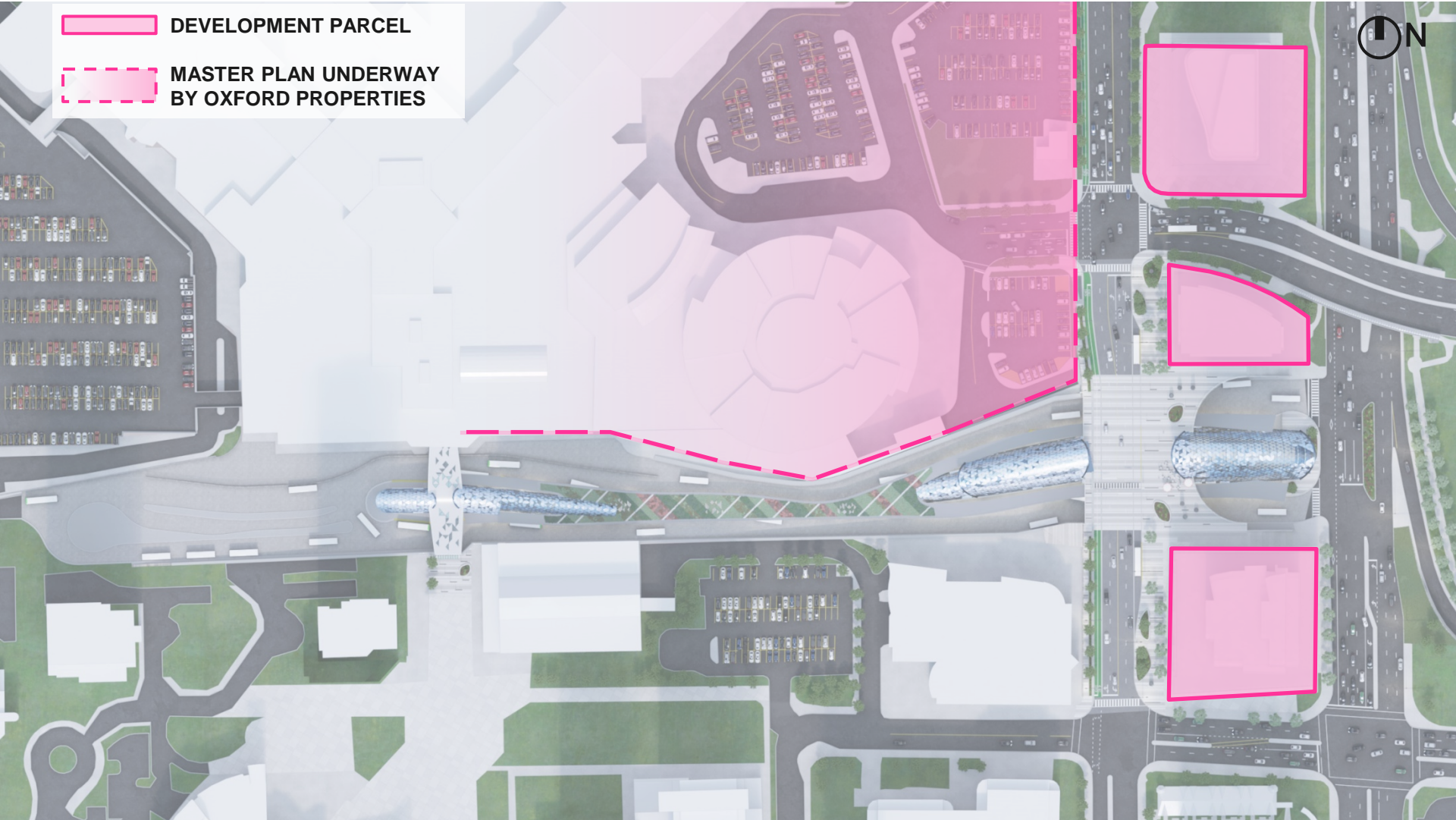
- STATION ENTRANCE
- ▬ PRIMARY PEDESTRIAN CIRCULATION
- ▬ BOROUGH DRIVE BICYCLE CIRCULATION
- ▬ UNPAID LINK WITHIN STATION
- ▬ TMP CONNECTIONS







FUTURE DEVELOPMENT

SCARBOROUGH SUBWAY EXTENSION



-  DEVELOPMENT PARCEL
-  MASTER PLAN UNDERWAY BY OXFORD PROPERTIES





STATION COMPONENTS

SCARBOROUGH SUBWAY EXTENSION



28 Bus Bays

- 6 GO
- 1 DRT
- 21 TTC

3 Curb Stops

Borough Drive

ALIGNMENT

STATION BOX

BUS TERMINAL

BOROUGH ENTRANCE
& STREETScape

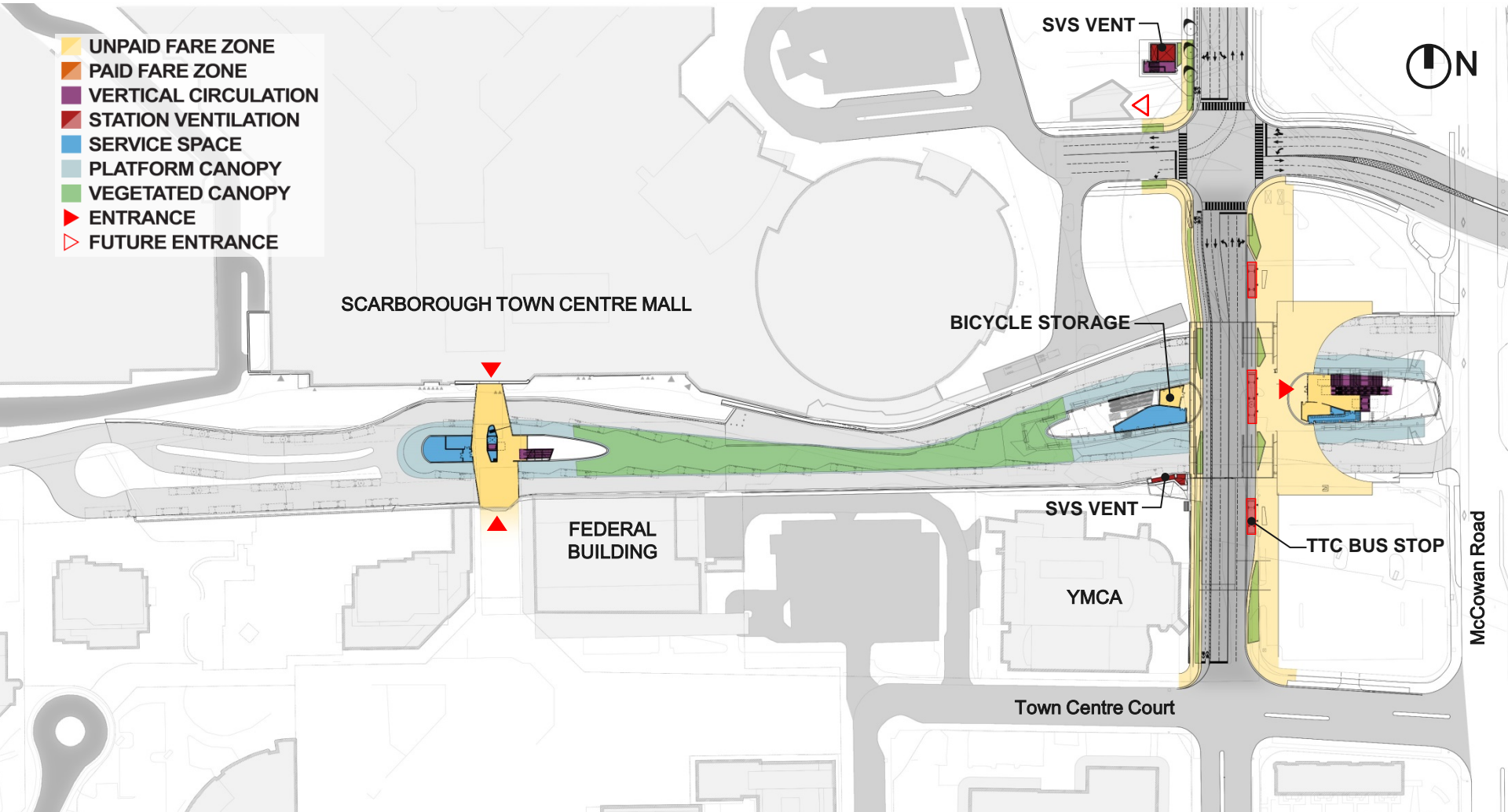
FUTURE DEVELOPMENT



BOROUGH DRIVE STREET LEVEL

SCARBOROUGH SUBWAY EXTENSION

- UNPAID FARE ZONE
- PAID FARE ZONE
- VERTICAL CIRCULATION
- STATION VENTILATION
- SERVICE SPACE
- PLATFORM CANOPY
- VEGETATED CANOPY
- ENTRANCE
- FUTURE ENTRANCE



3 TTC BUSES (1 ARTICULATED)

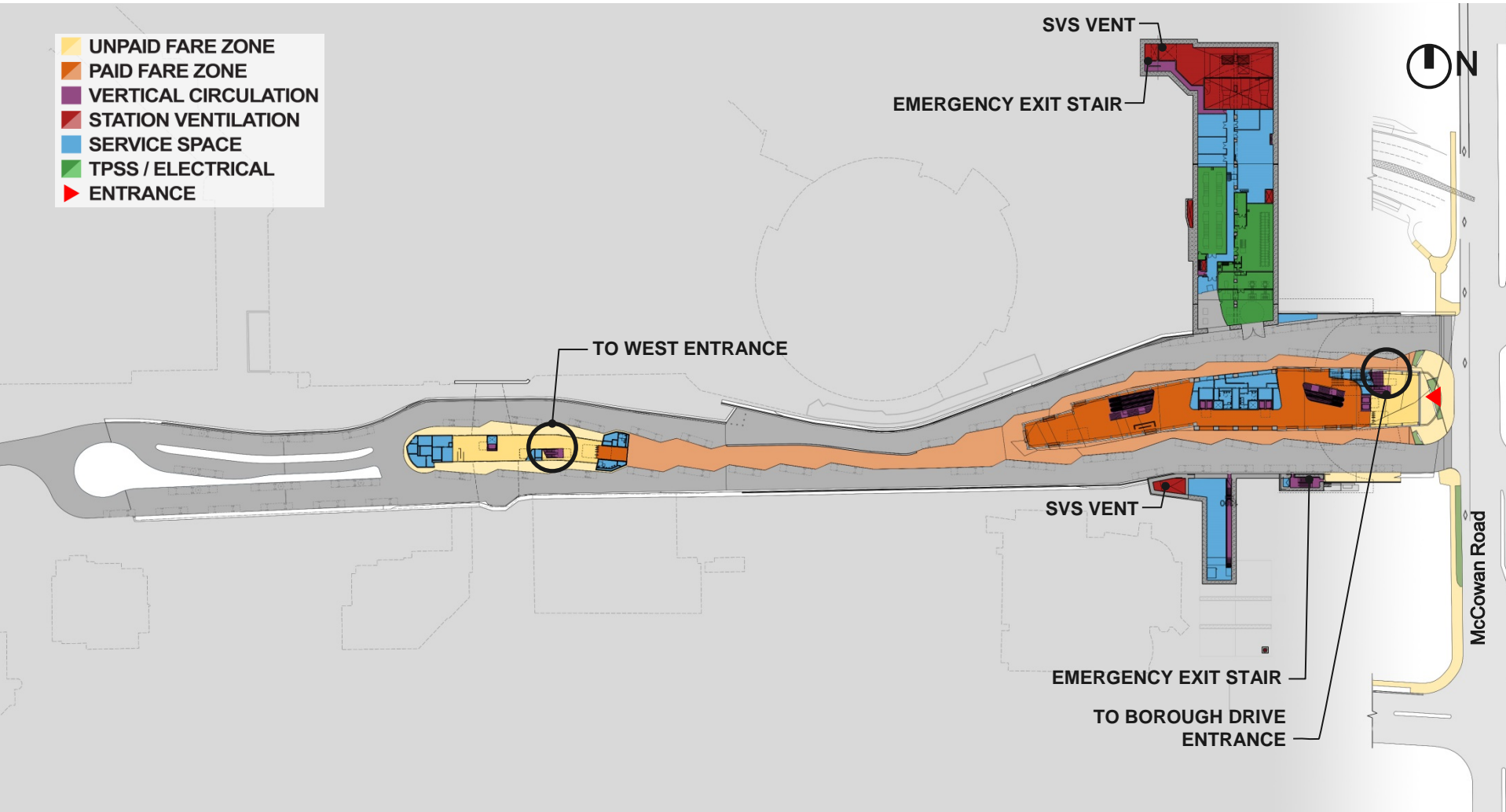
ILLUSTRATIONS ARE PRELIMINARY DESIGN CONCEPTS ONLY



TRITON BUS LEVEL

SCARBOROUGH SUBWAY EXTENSION

- UNPAID FARE ZONE
- PAID FARE ZONE
- VERTICAL CIRCULATION
- STATION VENTILATION
- SERVICE SPACE
- TPSS / ELECTRICAL
- ▶ ENTRANCE



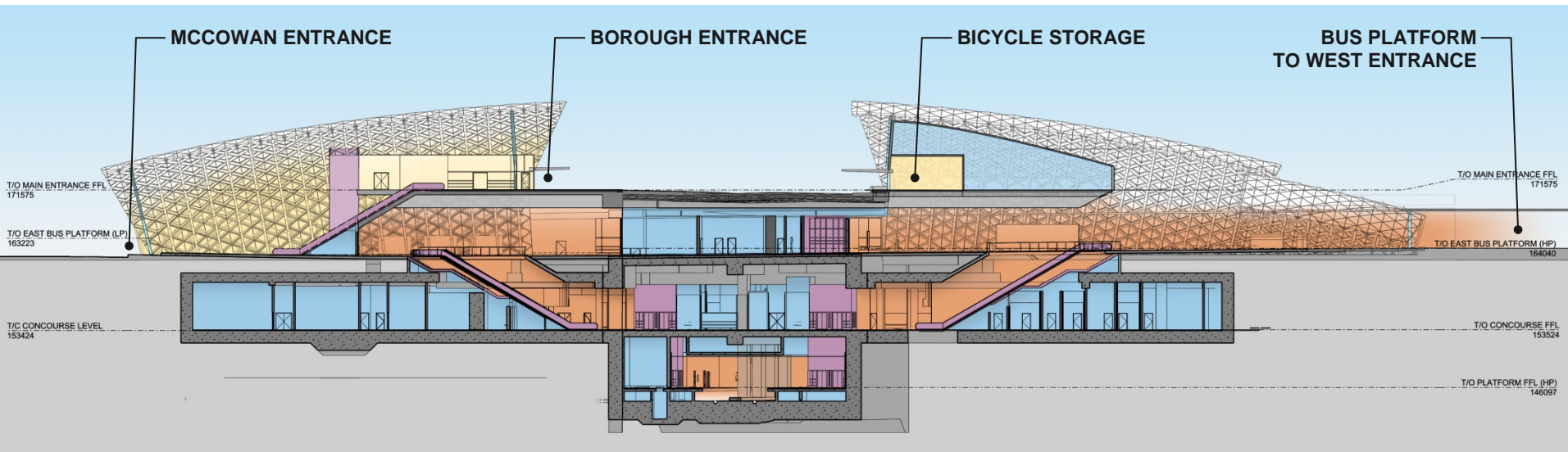
6 GO
 1 DRT
 21 TTC (7 ARTICULATED)
 28 TOTAL



SECTION THROUGH BUS TERMINAL LOOKING SOUTH

SCARBOROUGH SUBWAY EXTENSION

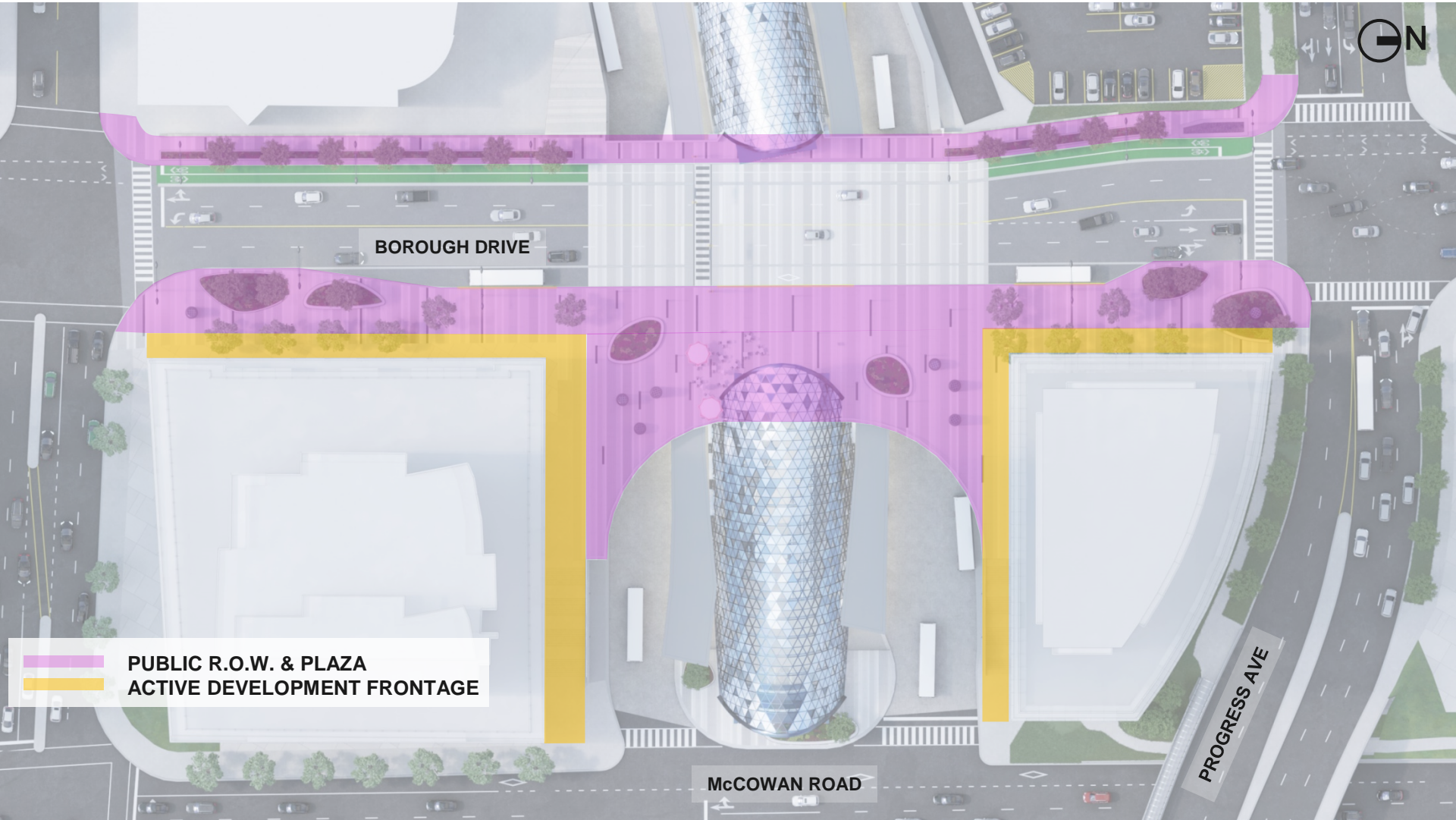
- UNPAID FARE ZONE
- PAID FARE ZONE
- VERTICAL CIRCULATION
- STATION VENTILATION
- SERVICE SPACE





BOROUGH R.O.W. & ENTRANCE PLAZA

SCARBOROUGH SUBWAY EXTENSION



BOROUGH DRIVE

McCOWAN ROAD

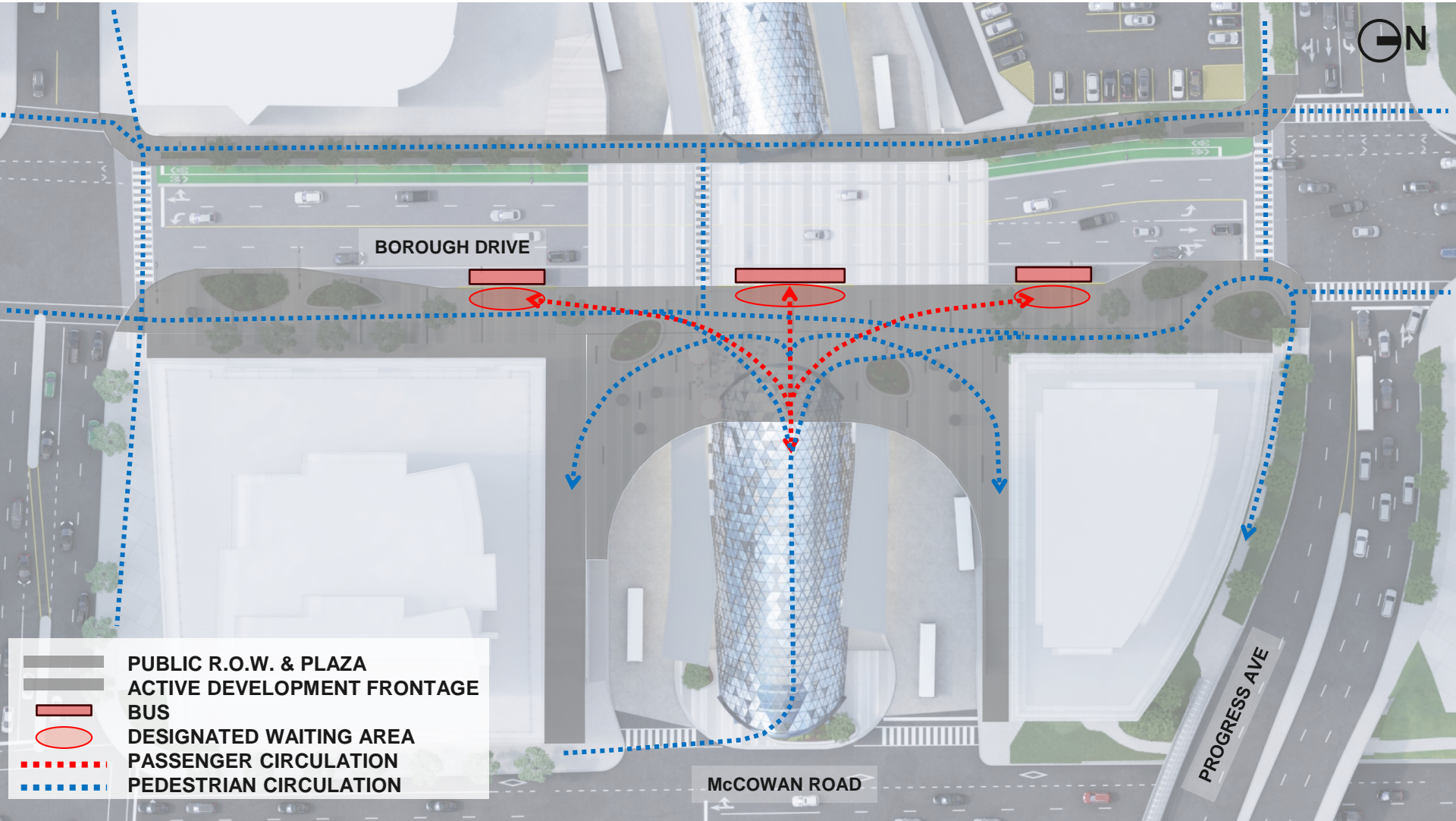
PROGRESS AVE

 PUBLIC R.O.W. & PLAZA
 ACTIVE DEVELOPMENT FRONTAGE



BOROUGH R.O.W. & ENTRANCE PLAZA

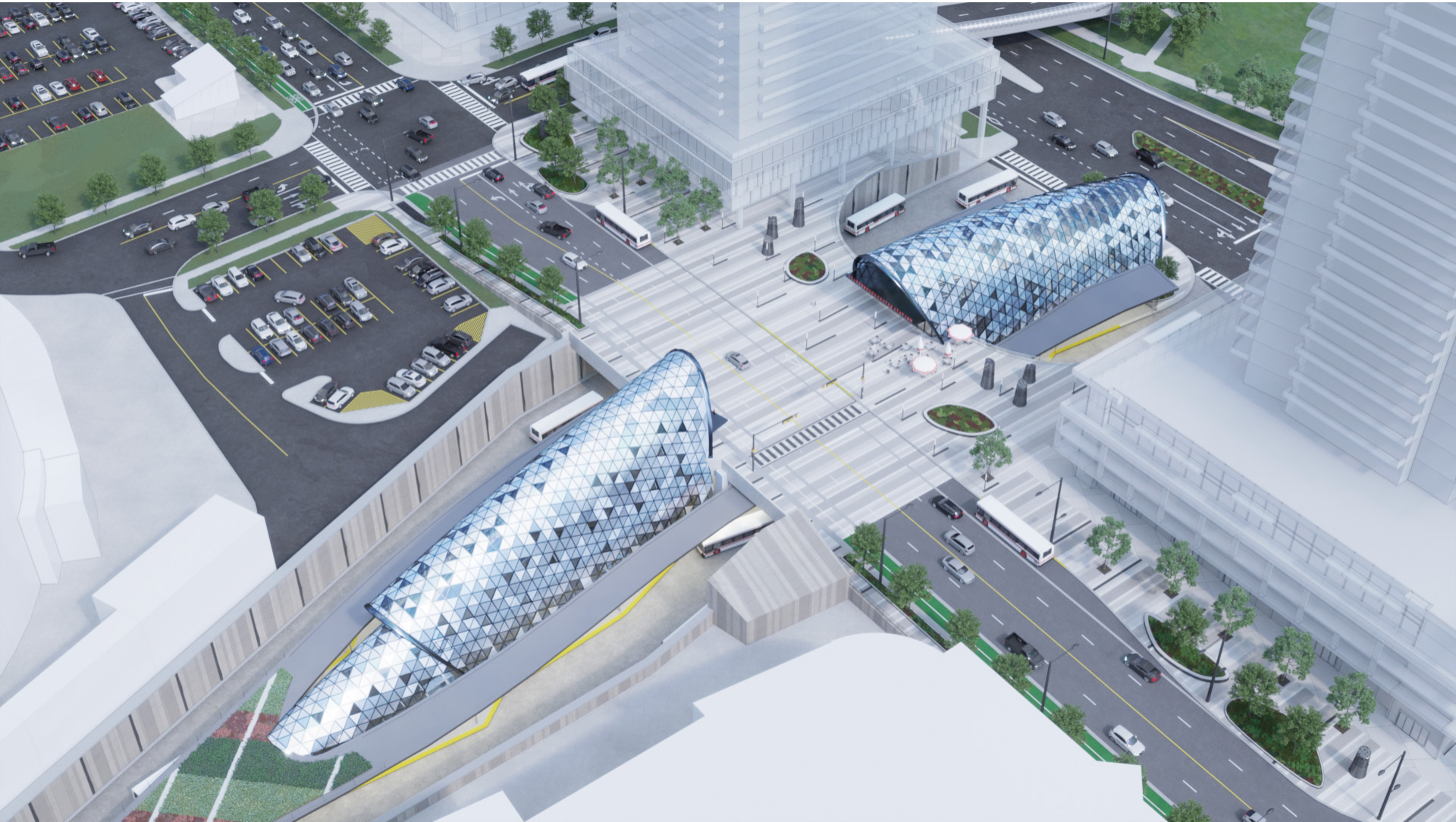
SCARBOROUGH SUBWAY EXTENSION





AERIAL VIEW OF ENTRANCE PLAZA

SCARBOROUGH SUBWAY EXTENSION





VIEW ALONG BOROUGH DRIVE LOOKING NORTH

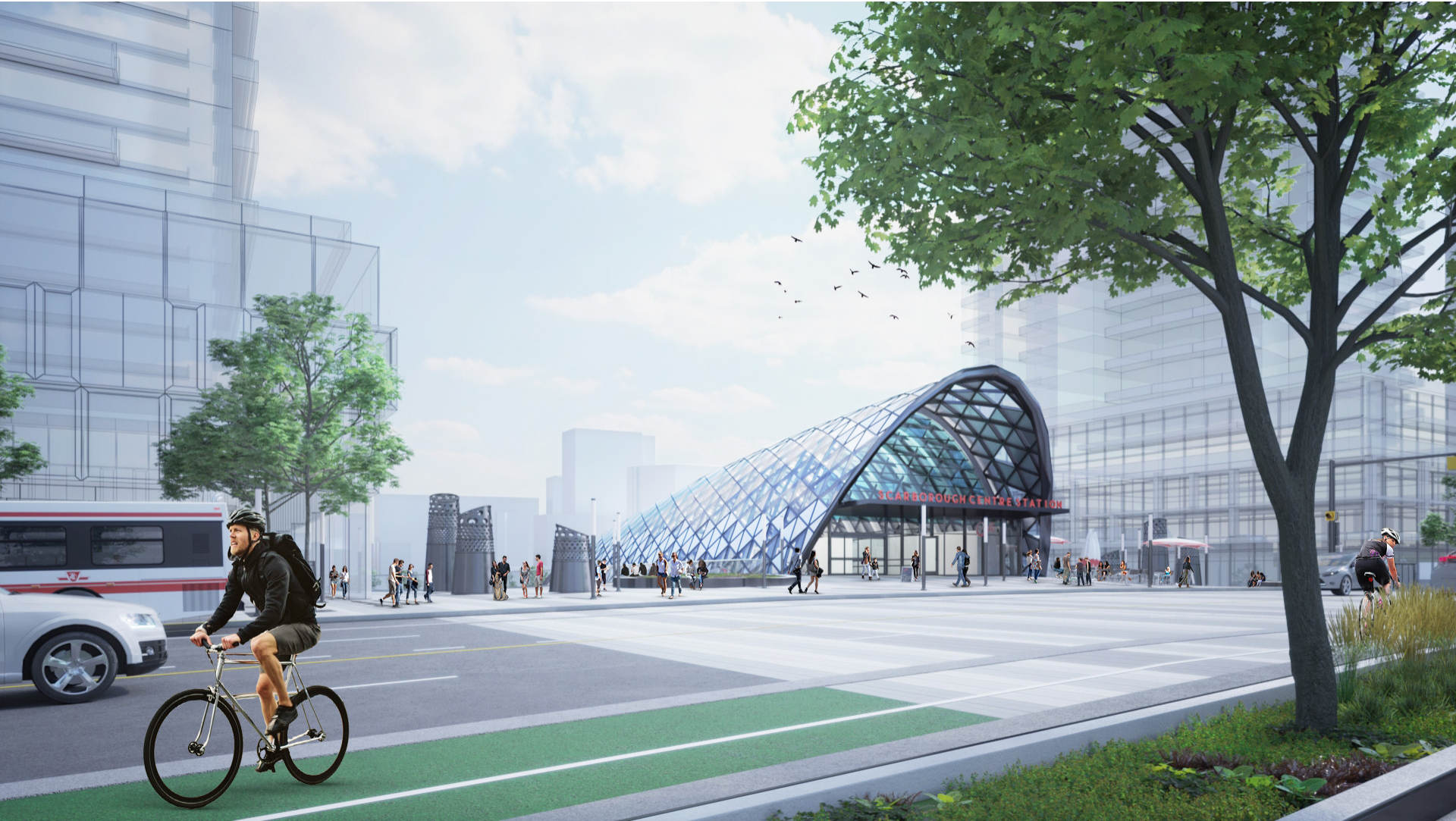
SCARBOROUGH SUBWAY EXTENSION





VIEW ALONG BOROUGH DRIVE LOOKING SOUTH

SCARBOROUGH SUBWAY EXTENSION





BOROUGH PLAZA EXPERIENCE

SCARBOROUGH SUBWAY EXTENSION





MCCOWAN ROAD ENTRANCE LOOKING WEST

SCARBOROUGH SUBWAY EXTENSION





ENTRANCE HALL UNPAID LINK

SCARBOROUGH SUBWAY EXTENSION





VIEW TO WEST BUS PLATFORMS

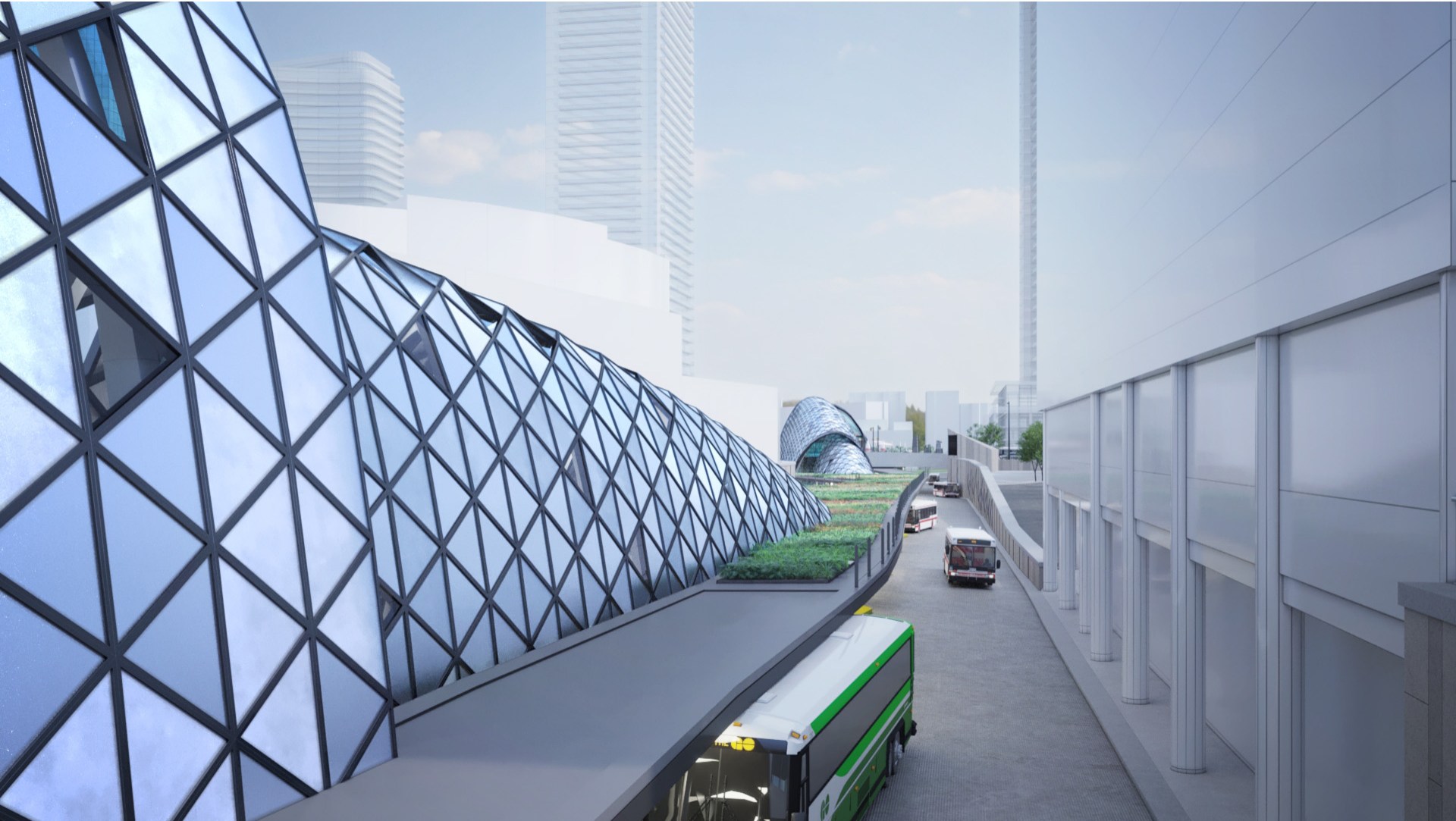
SCARBOROUGH SUBWAY EXTENSION





BUS TERMINAL VIEW FROM WEST ENTRANCE

SCARBOROUGH SUBWAY EXTENSION





WEST ENTRANCE AT GALLERIA

SCARBOROUGH SUBWAY EXTENSION

