

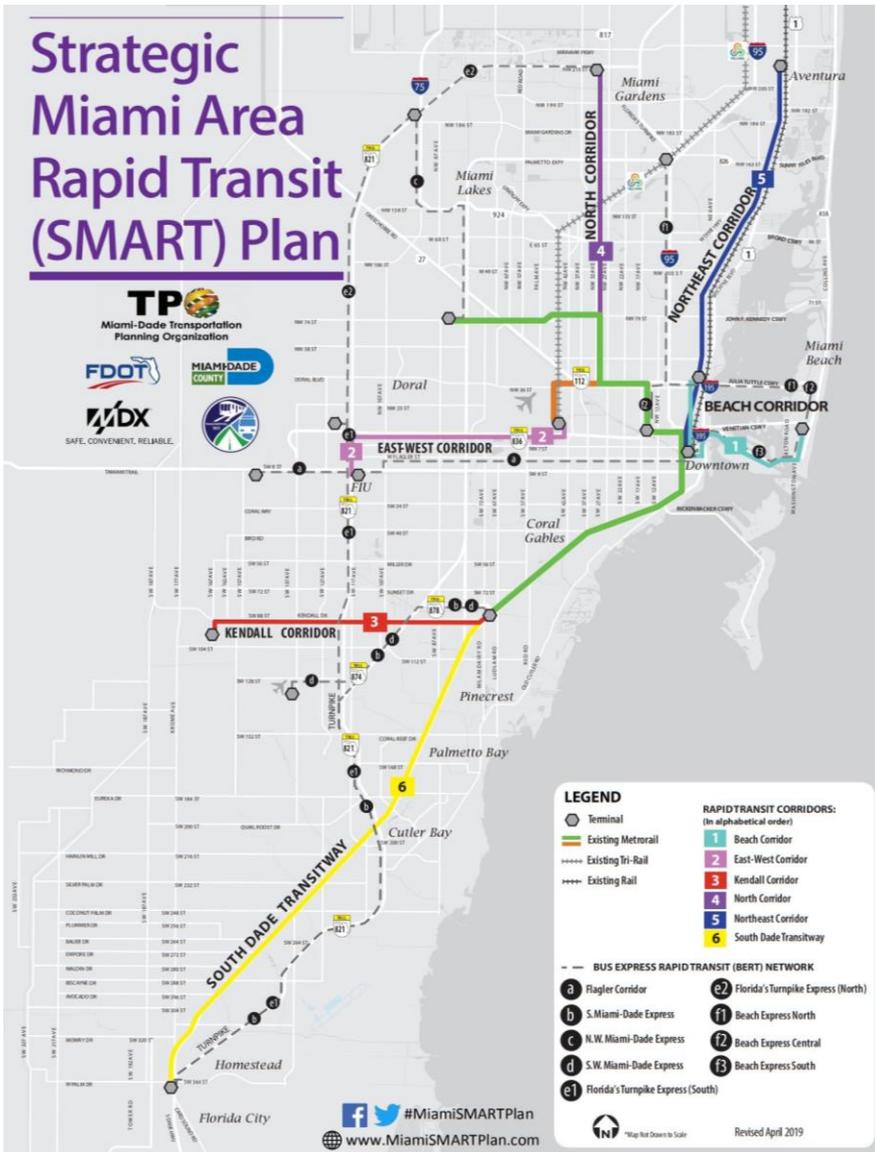
South Corridor South Dade TransitWay



TARC Presentation
June 16th, 2021

SMART Plan

Strategic Miami Area Rapid Transit (SMART) Plan



Basic Facts

South Dade TransitWay

Length of Corridor

20 miles of exclusive transit right-of-way, parallel to US-1

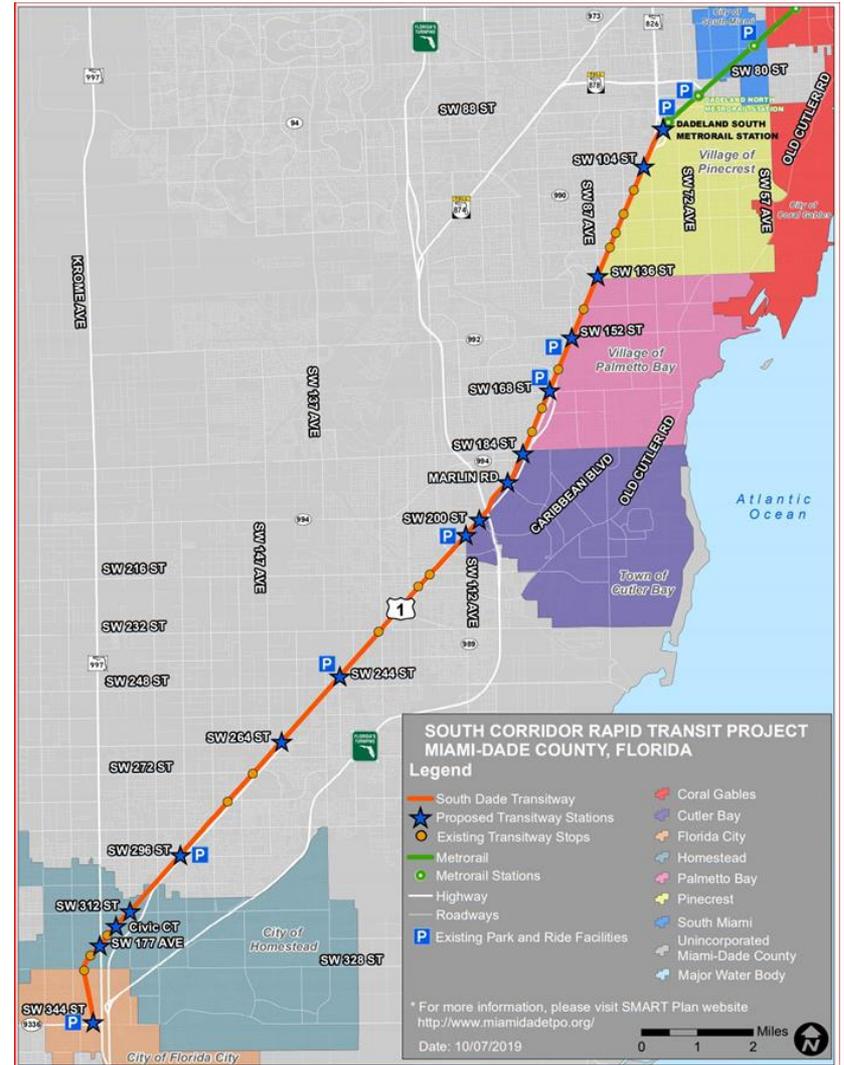
Limits

SW 344th Street Park and Ride/Bus Terminal to Dadeland South Metrorail Station

Approximately 46 intersections

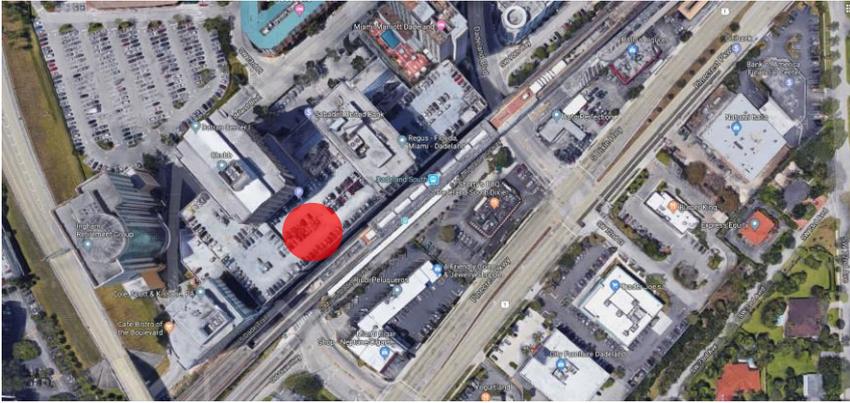
Municipalities

Village of Pinecrest
Village of Palmetto Bay
Town of Cutler Bay
City of Homestead
City of Florida City

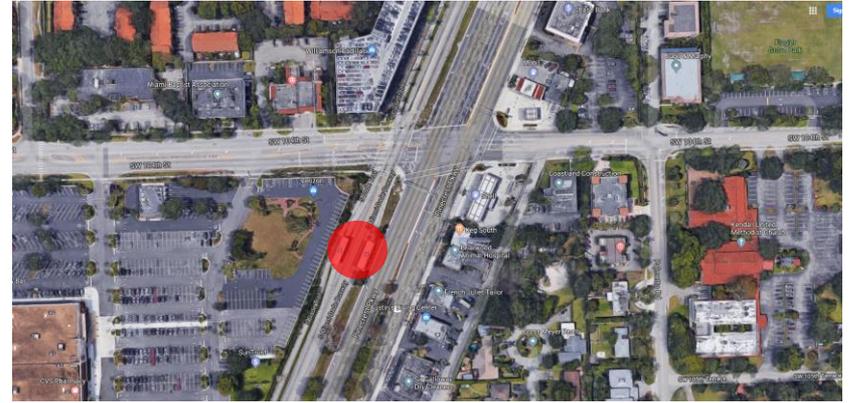


Corridor Data

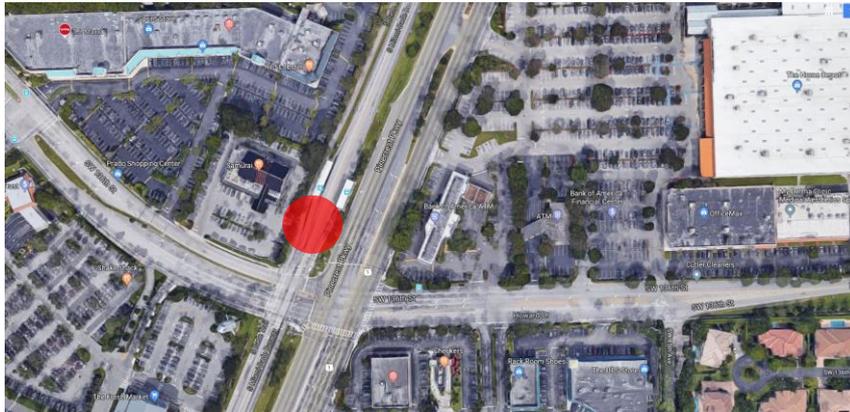
South Dade TransitWay



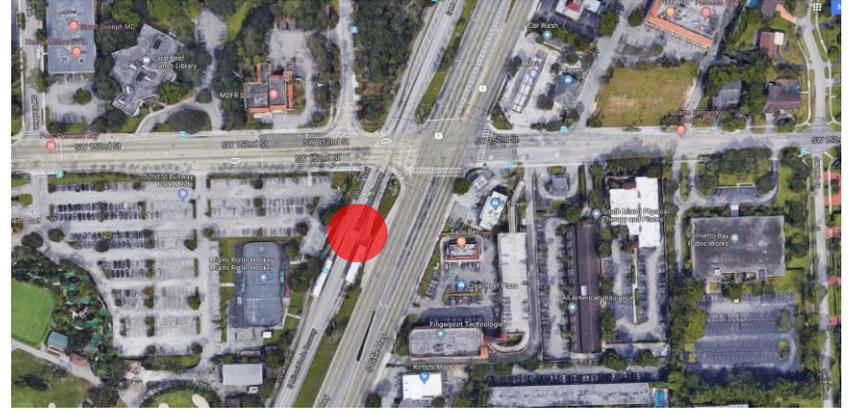
**Dadeland South
Pinecrest, FL**



**SW 104th Street
Pinecrest, FL**



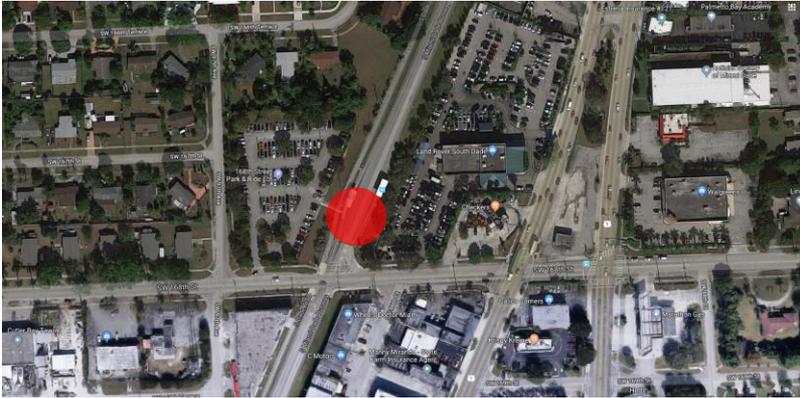
**SW 136th Street (Howard Dr./Falls)
Pinecrest, FL**



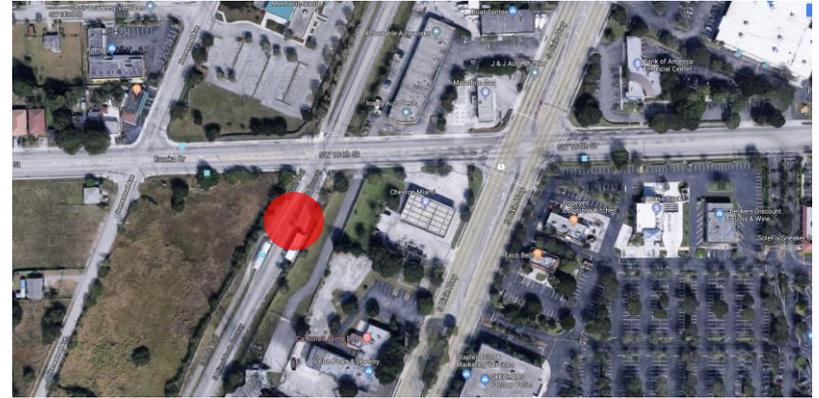
**SW 152nd Street
Palmetto Bay, FL**

Station Locations

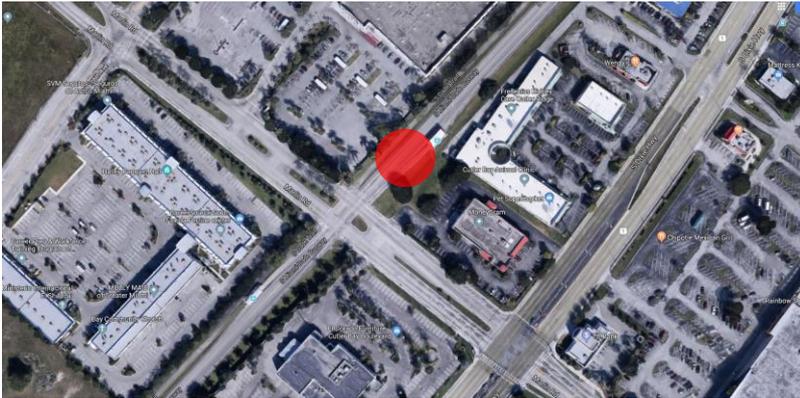
South Dade TransitWay



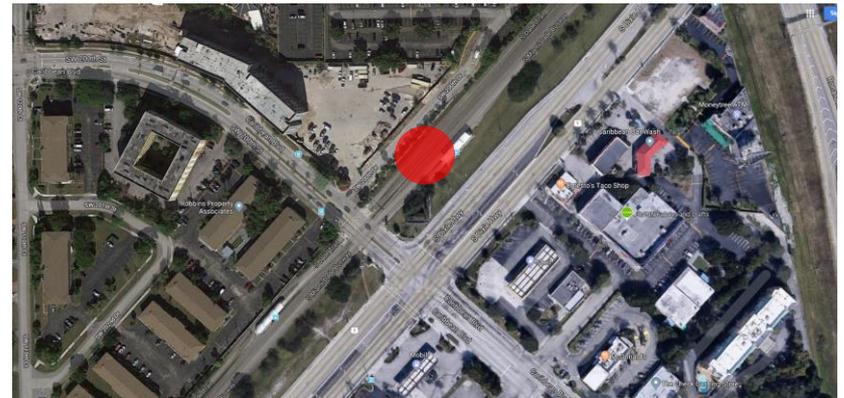
**SW 168th Street (Richmond Dr.)
Palmetto Bay, FL**



**SW 184th Street (Eureka Dr.)
Cutler Bay, FL**



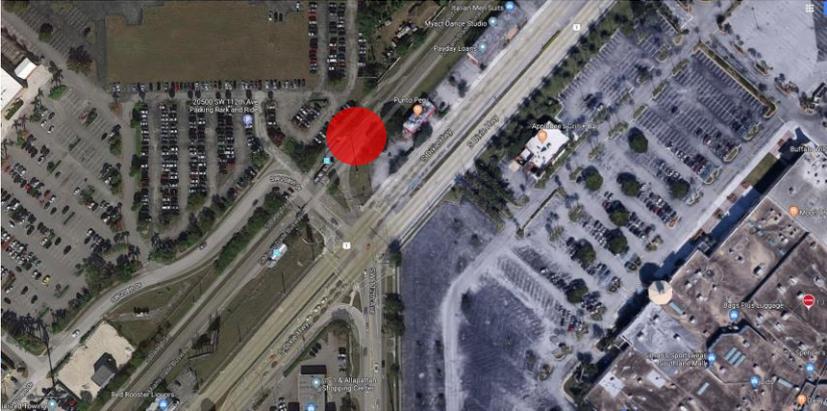
**Marlin Road
Cutler Bay, FL**



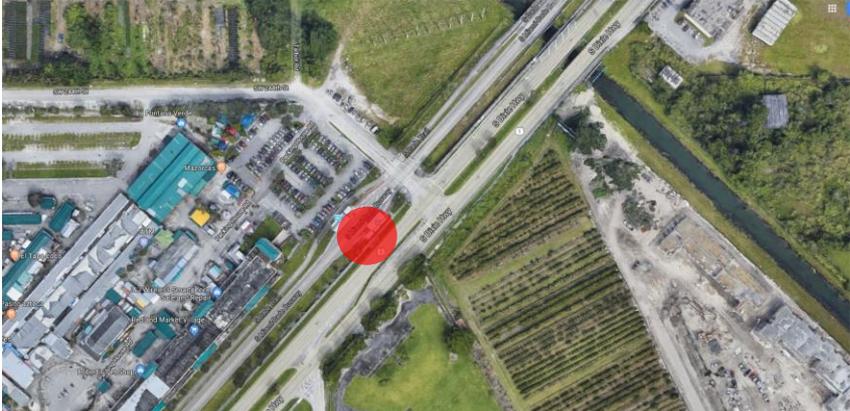
**SW 200th Street (Caribbean Blvd.)
Cutler Bay, FL**

Station Locations

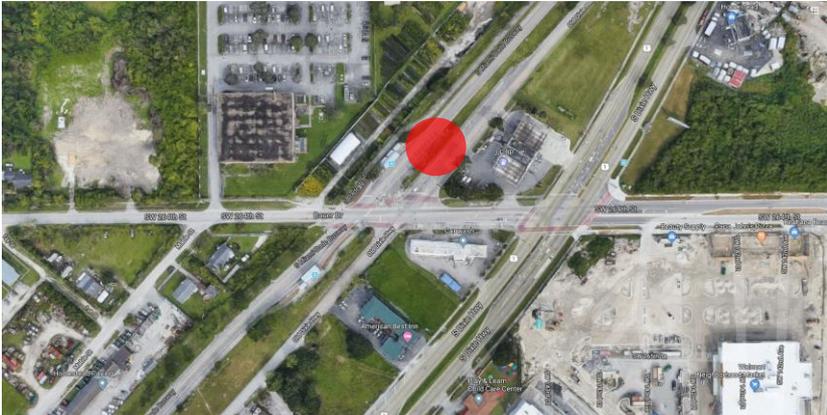
South Dade TransitWay



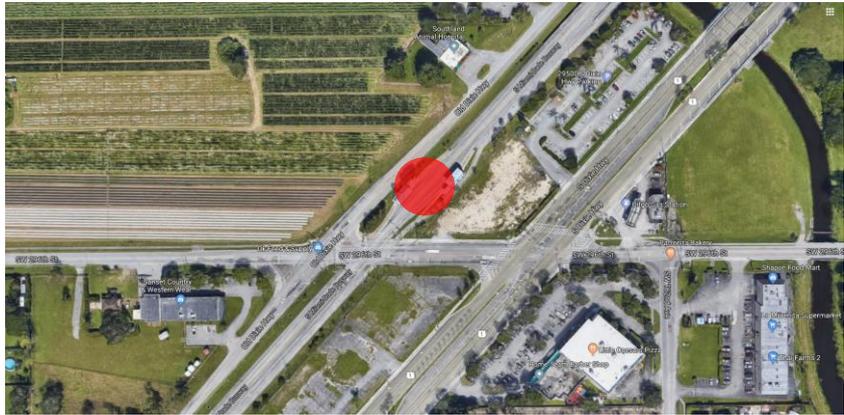
**SW 112th Avenue (Allapattah Rd.)
Cutler Bay, FL**



**SW 244th Street / SW 248th Coconut Palm Drive
Unincorporated Miami-Dade County, FL**



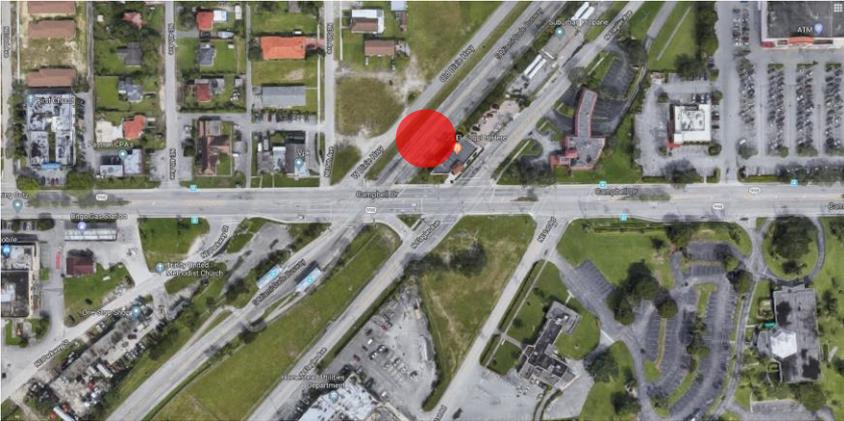
**SW 264th Street (Bauer Dr.)
Unincorporated Miami-Dade County, FL**



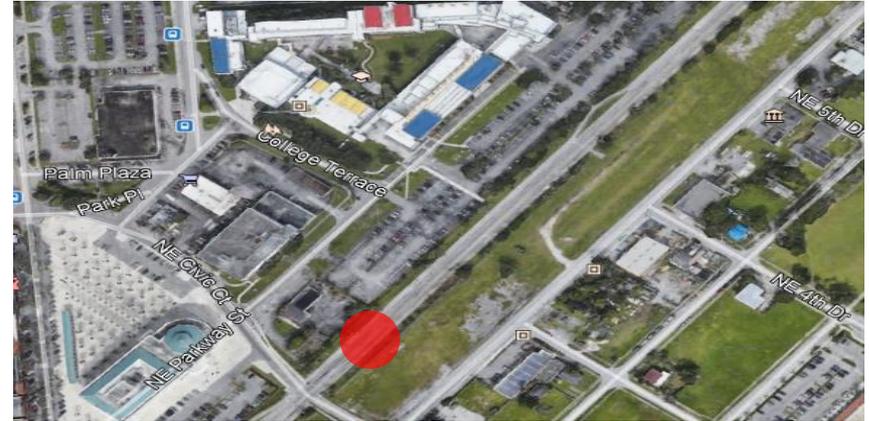
**SW 296th Street
Unincorporated Miami-Dade County, FL**

Station Locations

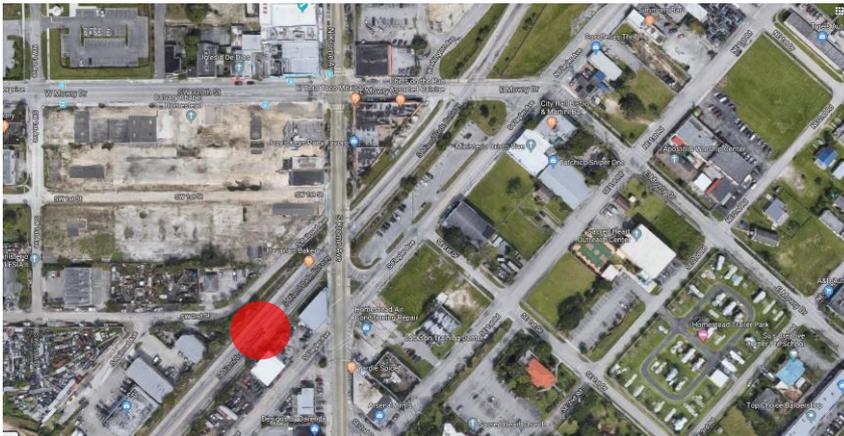
South Dade TransitWay



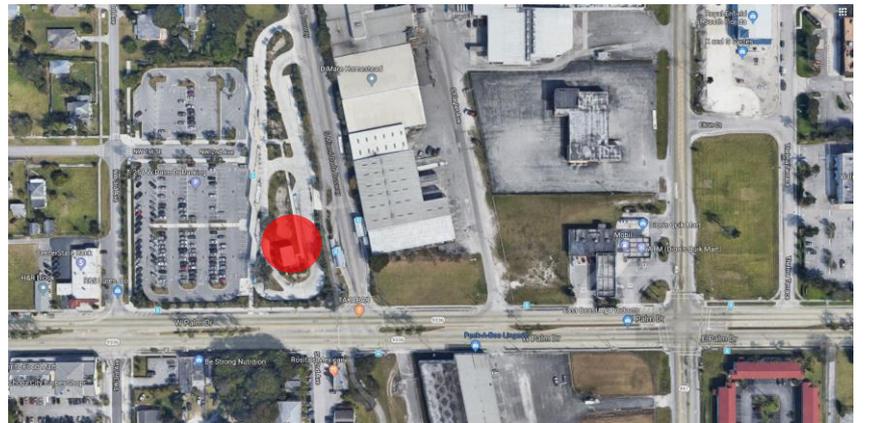
**SW 312th Street (Campbell Dr.)
Homestead, FL**



**NE 2nd Drive (CIVIC)
Homestead, FL**



**SW 177th Avenue (Krome Ave.)
Homestead, FL**



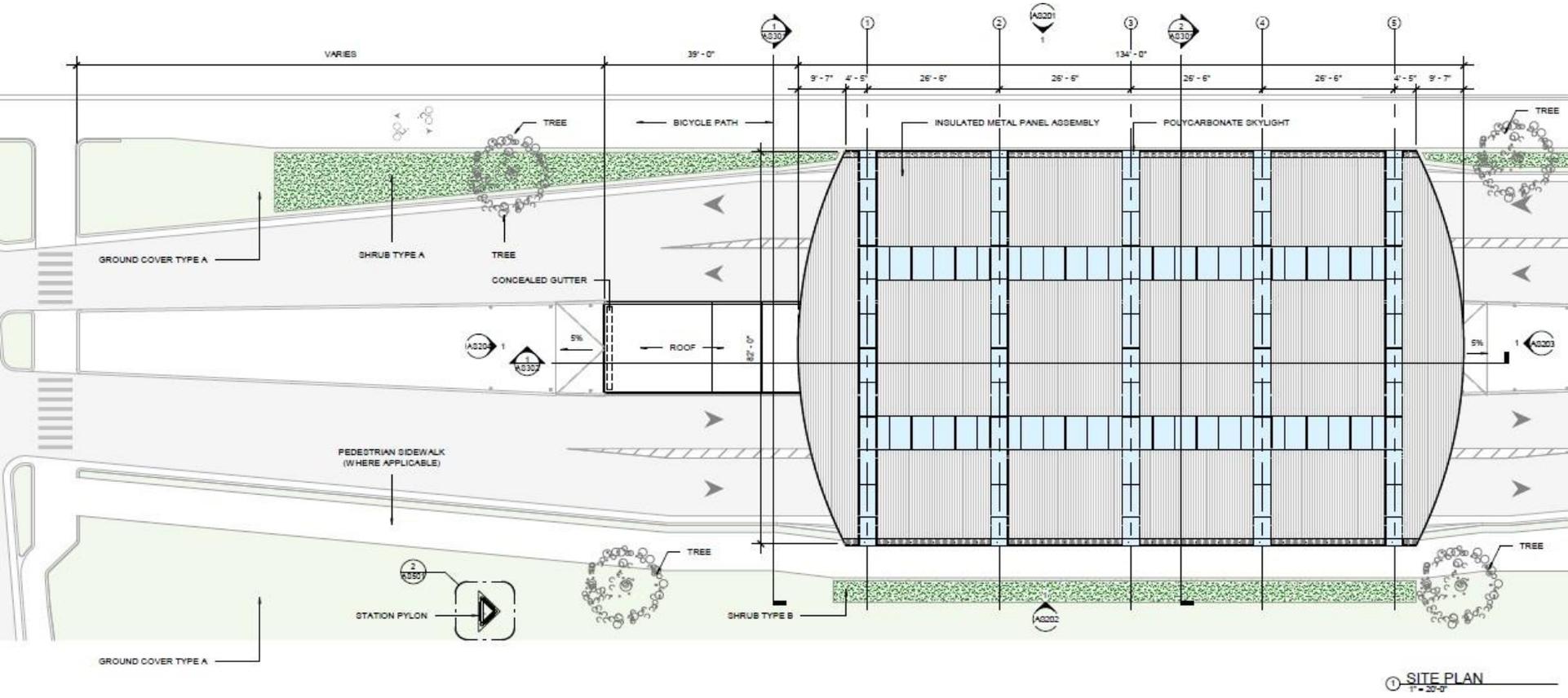
**SW 344th Street (Palm Drive)
Florida City, FL**

Station Locations

BRT Stations



BRT Station

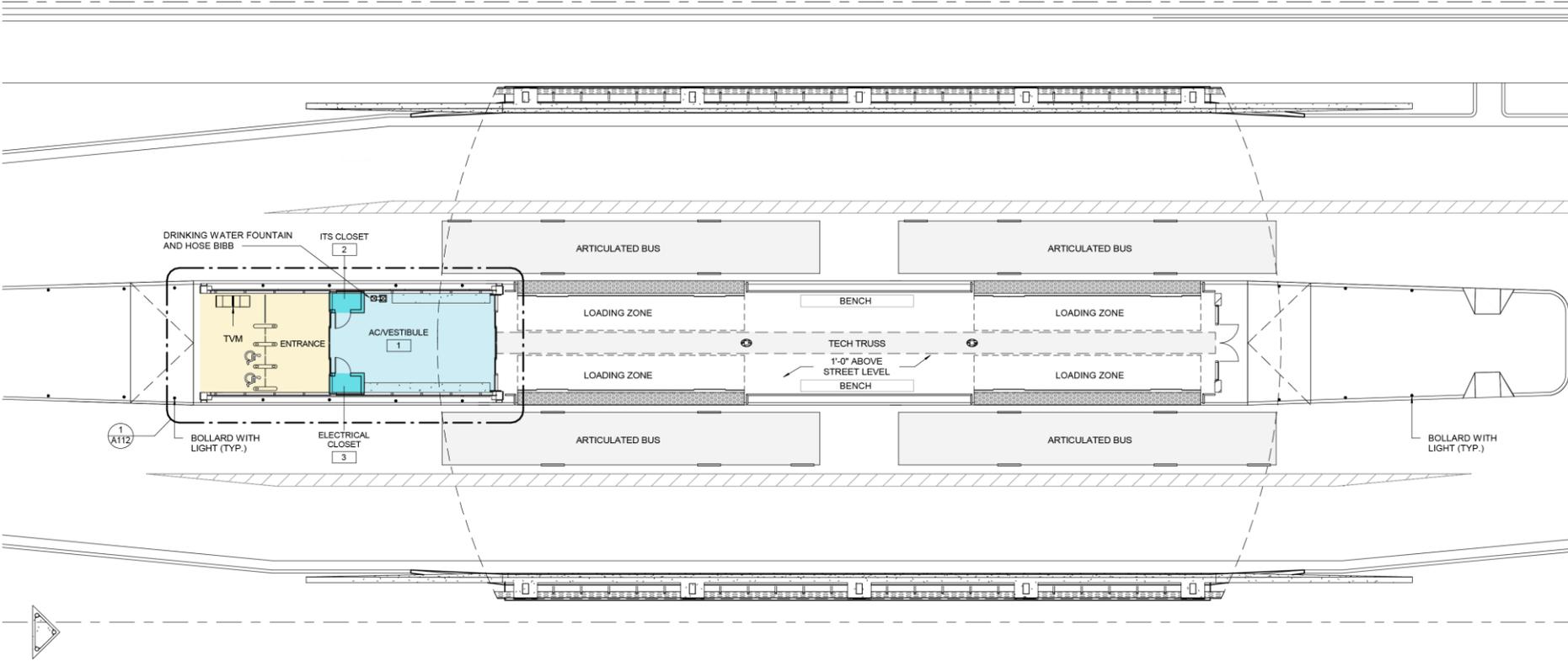


Site Plan



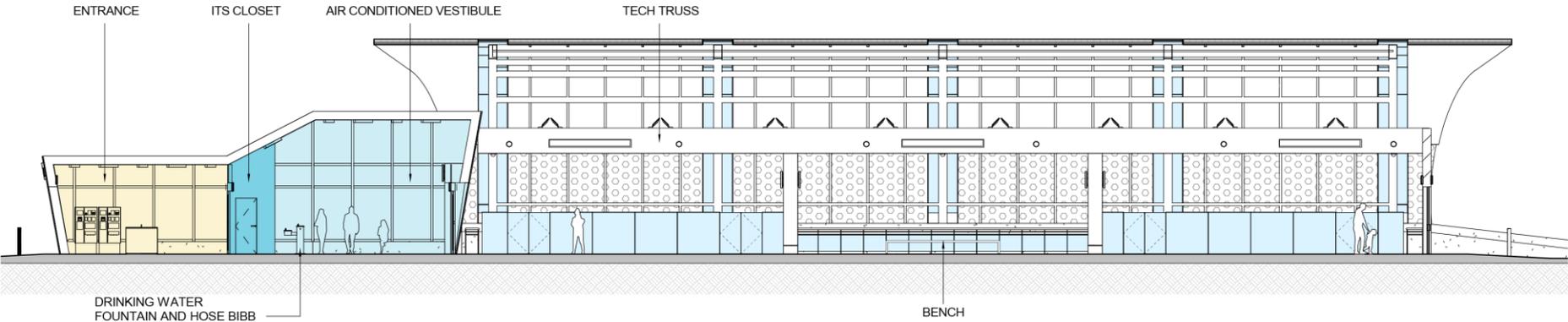


BRT Station



Floor Plan

BRT Station

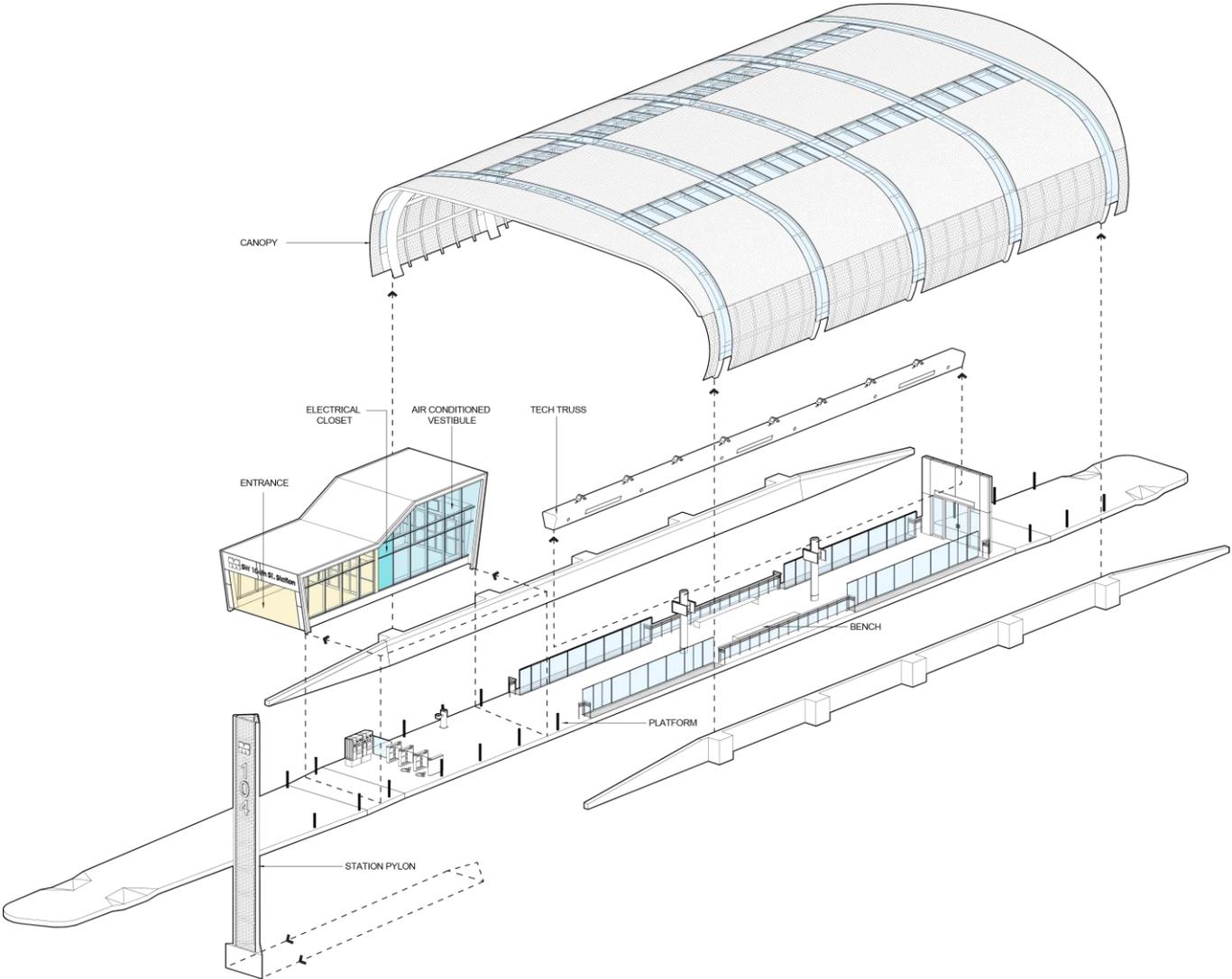


Longitudinal Section

M SW 112 Ave ST. Station

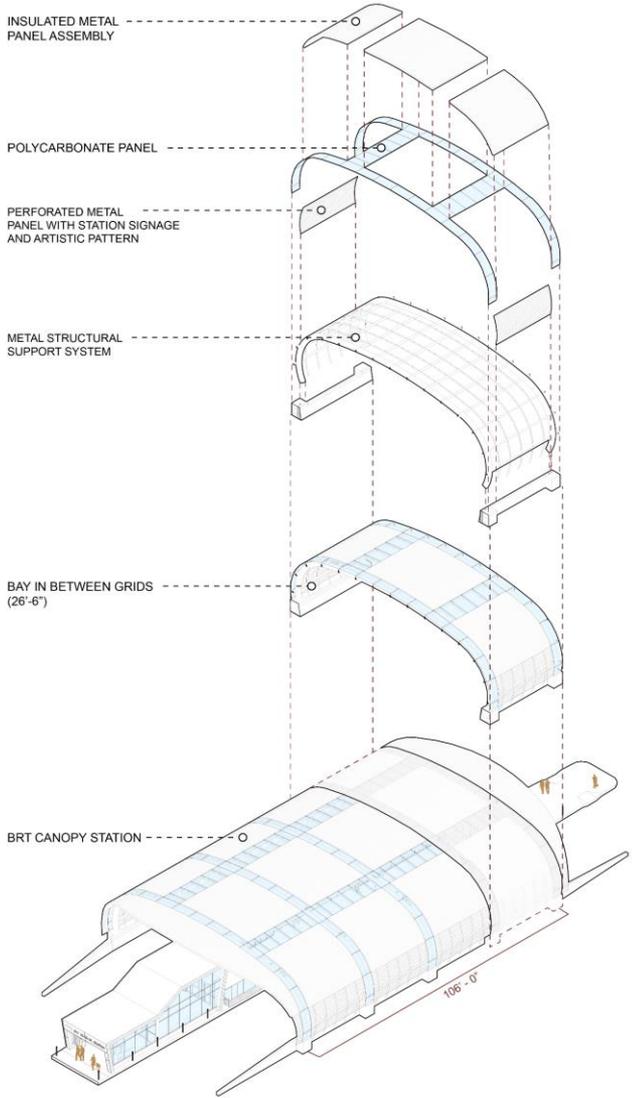


BRT Station



Station Components

BRT Station



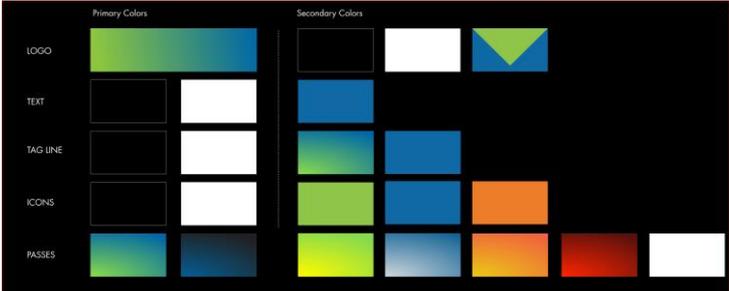
Material Palette



BRT Station



Color Palette





← NORTH BOUND ↓ SOUTH BOUND →

SM 117 Ave

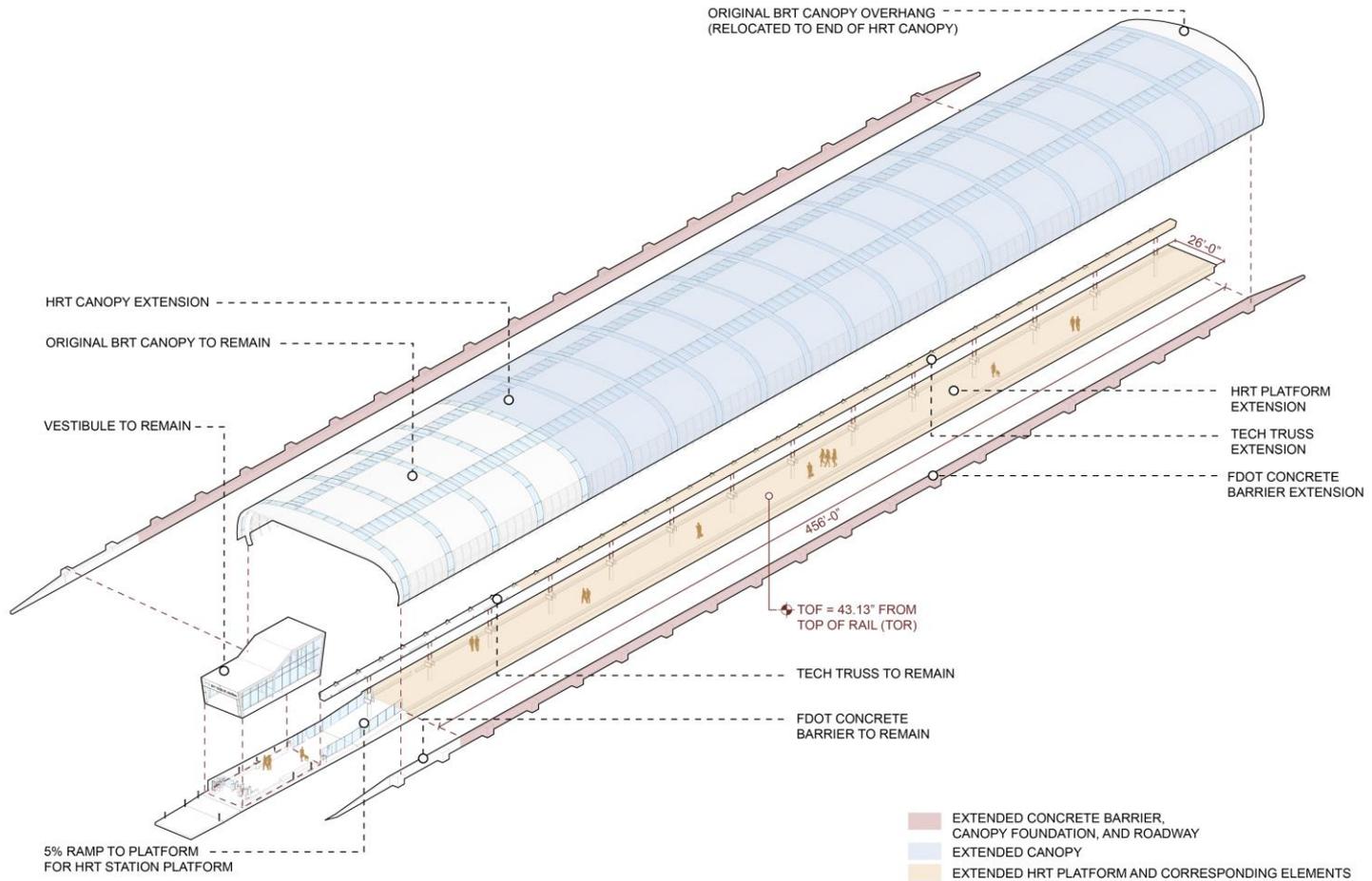


104
104

M ← NORTH BOUND ↓ SOUTH BOUND →

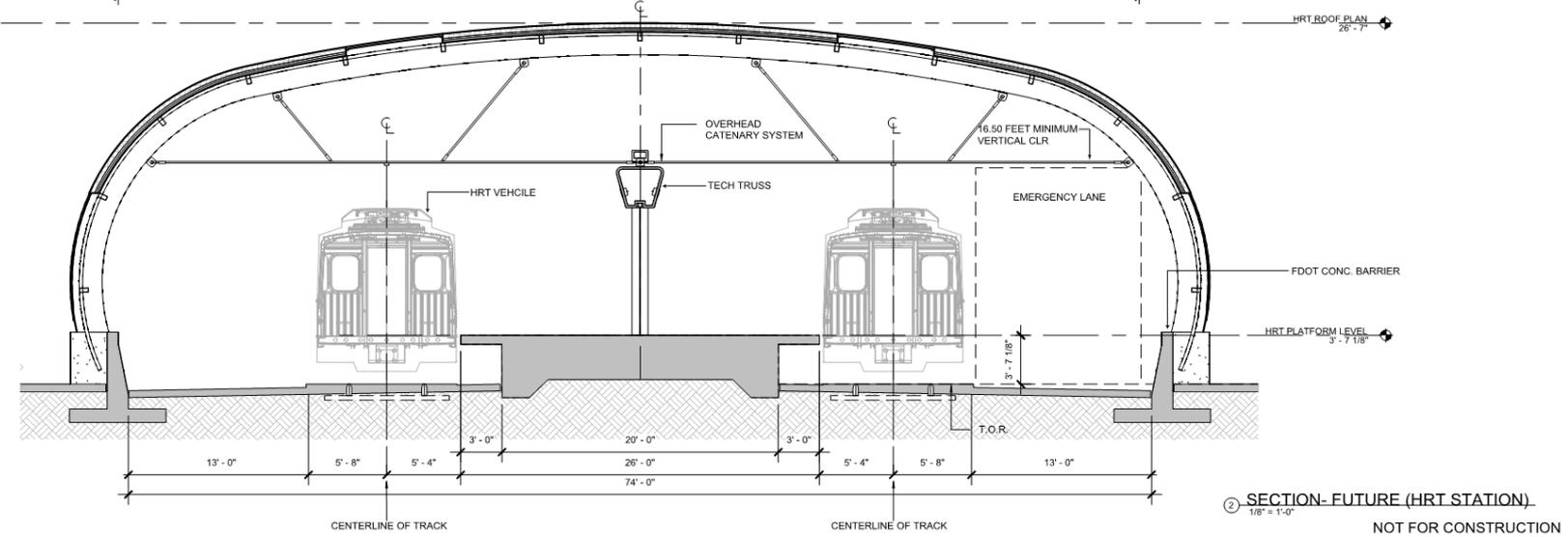
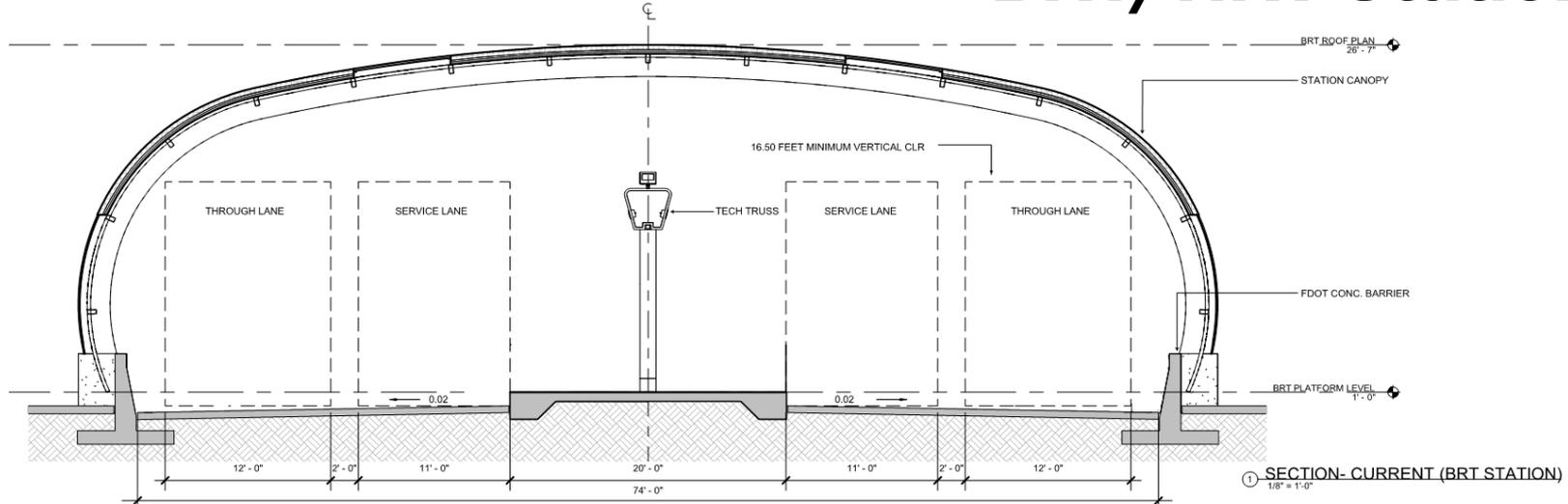
M ← NORTH BOUND ↓ SOUTH BOUND →

BRT/HRT Station



BRT to HRT Conversion

BRT/HRT Station



NOT FOR CONSTRUCTION

BRT to HRT Conversion

168th Street Park & Ride/Garage



168th Street Park & Ride/Garage



PARKING COUNT:

	SHORT-TERM	HANDICAP	STROLLER	EV-READY	STANDARD STALL	TOTAL FLOOR
FIRST FLOOR:	8	9	3	-	-	20
SECOND FLOOR:	-	2	-	34	84	100
THIRD FLOOR:	-	2	-	30	144	176
FOURTH FLOOR:	-	1	-	-	188	187
FIFTH FLOOR:	-	1	-	-	186	187
TOTAL:	8	15	3	64	566	644

NOTES:

1. TYPICAL WAYFINDING (DIRECTIONAL) SIGNAGE SHALL COMPLY WITH ALL APPLICABLE CODE REQUIREMENTS.
2. FULLY LANDSCAPE BUFFERS TO BE PROVIDED IN AREAS INDICATED ON PLAN TO MEET REQUIREMENTS OF CHAPTER 15A.
3. THIS DRAWING PACKAGE IS FOR REVIEW PURPOSES, REPRESENTING A DESIGN SCHEMATIC ONLY, AND IS NOT TO BE CONSIDERED THE FINAL PRODUCT OR A CONSTRUCTION DOCUMENT.
4. THE DESIGN SHOWN IS SUBJECT TO FURTHER CHANGES AND REALIGNMENT IF NECESSARY.
5. LOCATION AND SIZE OF STAIRWELLS, PARKING SPACES, ELEVATORS, COLUMNS AND OTHER STRUCTURAL MEMBERS ARE APPROXIMATE AND SUBJECT TO FINAL DESIGN.
6. A XERISCAPE LANDSCAPE DESIGN WILL BE PROVIDED IN COMPLIANCE WITH MIAMI-DADE COUNTY LANDSCAPE ORDINANCES CHAPTERS 15A AND 15B, AND THE FOOT FLORIDA LANDSCAPE GUIDE REFER TO SHEET AP-111A FOR PROPOSED AREAS TO BE DEDICATED TO TREE CANOPY.

① GROUND LEVEL - P1
1" = 50'-0"

NOT FOR CONSTRUCTION



168th Street Park & Ride/Garage



TOTAL LOT AREA: 89007.84 SQFT APPROX.

BUILDING FOOTPRINT AREA: 55697.91 SQFT APPROX.

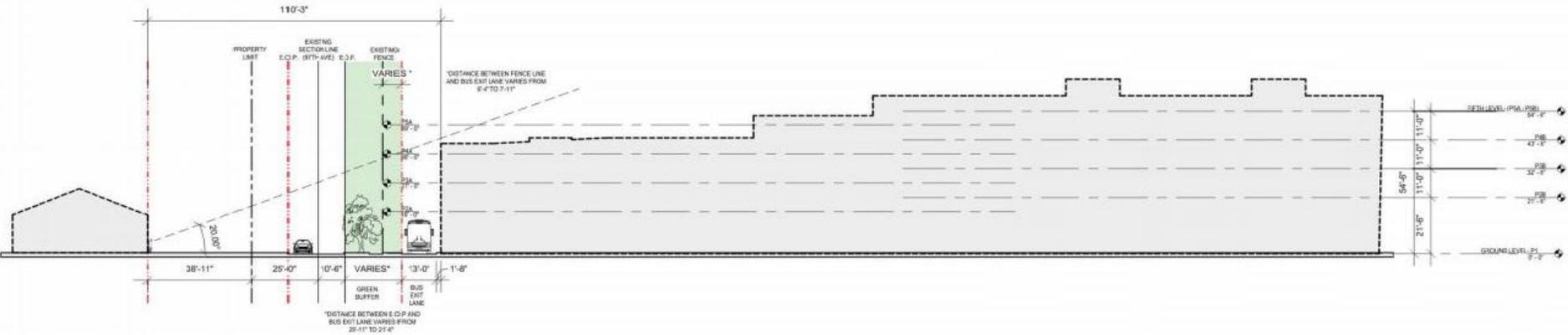
LOT GREEN AREA: 16,395 SQFT APPROX.

NOTES:

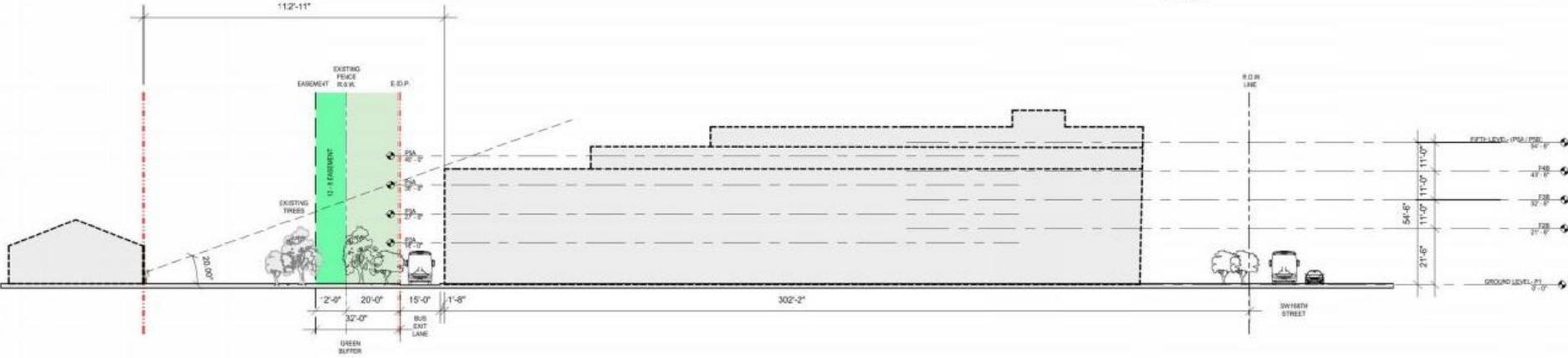
1. TYPICAL WAFFENDING (DIRECTIONAL) SIGNAGE SHALL COMPLY WITH ALL APPLICABLE CODE REQUIREMENTS.
2. FULLY LANDSCAPE BUFFERS TO BE PROVIDED IN AREAS INDICATED ON PLAN TO MEET REQUIREMENTS OF CHAPTER 18A.
3. THIS DRAWING PACKAGE IS FOR REVIEW PURPOSES, REPRESENTING A DESIGN SCHEMATIC ONLY, AND IS NOT TO BE CONSIDERED THE FINAL PRODUCT OF A CONSTRUCTION DOCUMENT.
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① GROUND LEVEL - P1
1" = 50'-0"

168th Street Park & Ride/Garage



2 97TH AVE TRANSVERSAL SECTION
NTS



1 NORTHERN EASEMENT TRANSVERSAL SECTION
NTS





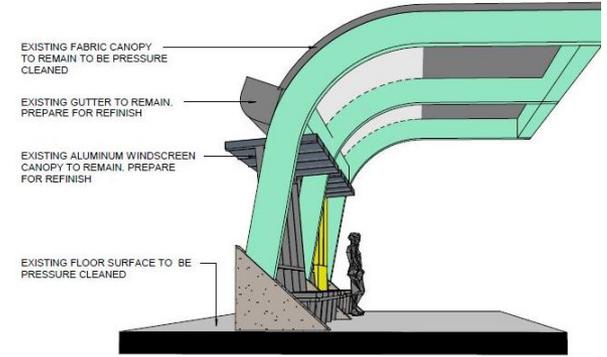
168
168

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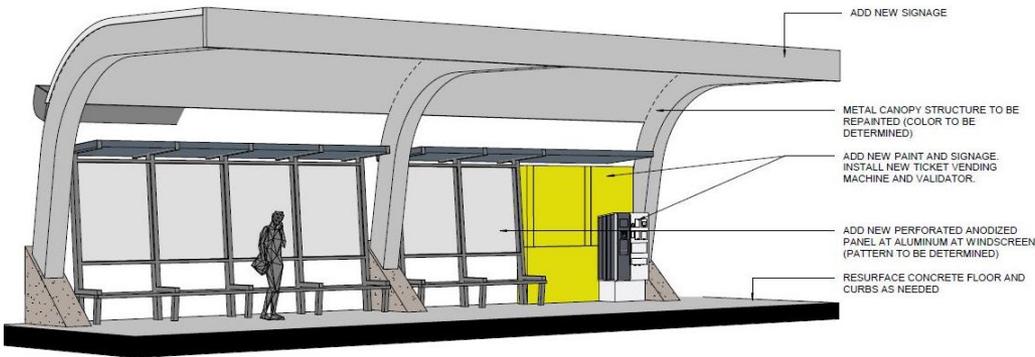
Existing Corridor Bus Stop Refurbishment



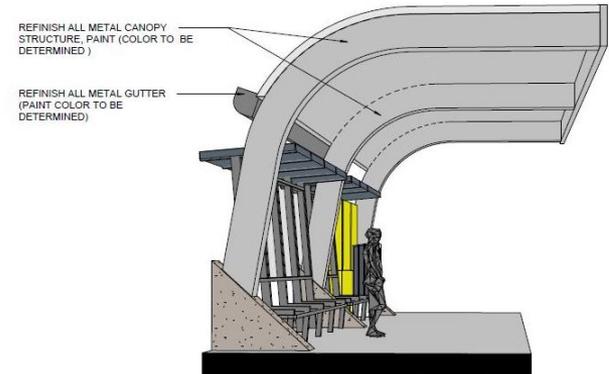
1 EXISTING TYPE A



4 EXISTING TYPE A

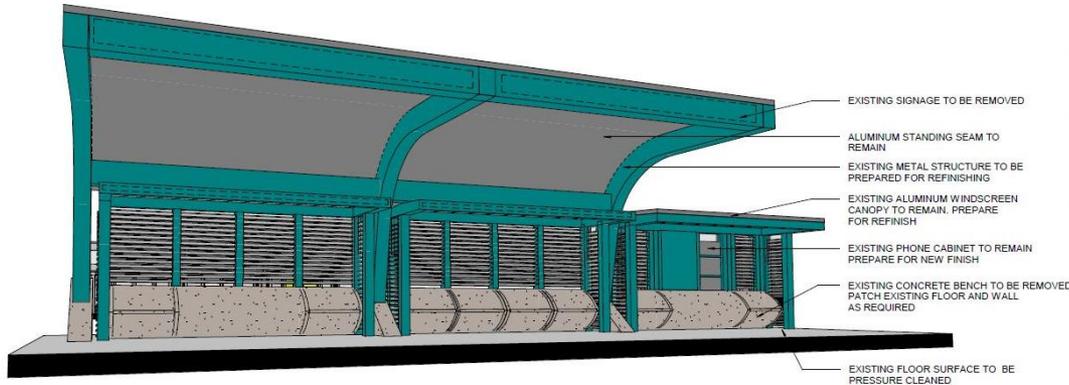


3 PROPOSED TYPE A

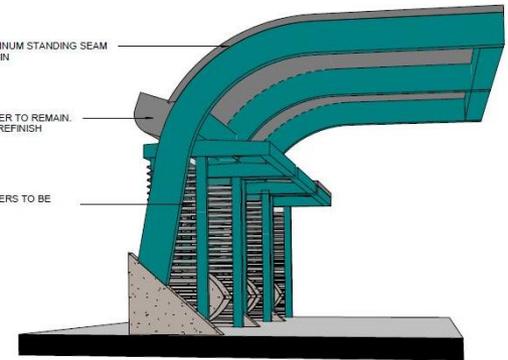


6 PROPOSED TYPE A

Existing Corridor Bus Stop Refurbishment



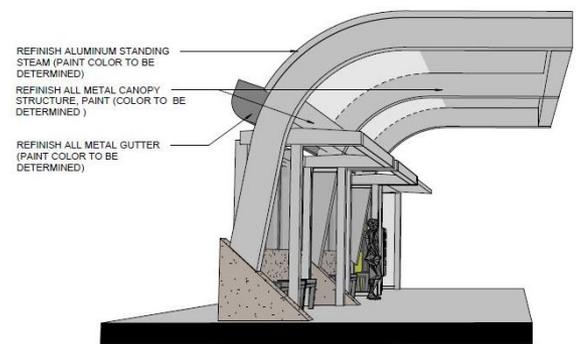
① EXISTING TYPE B



② EXISTING TYPE B

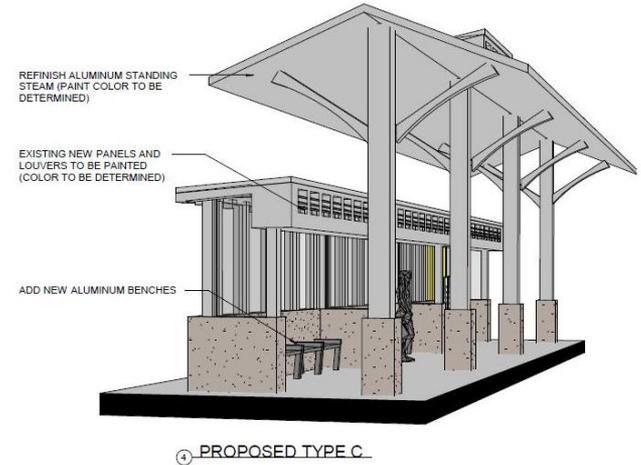
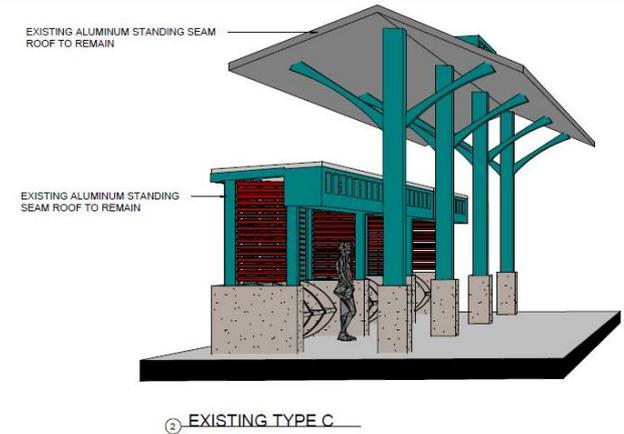
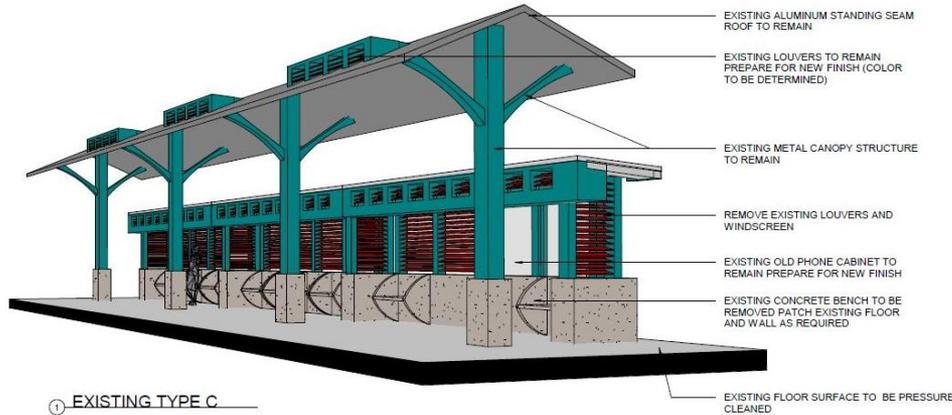


③ PROPOSED TYPE B

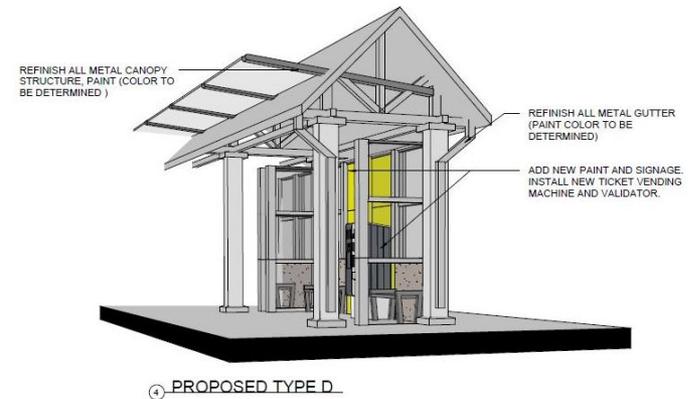
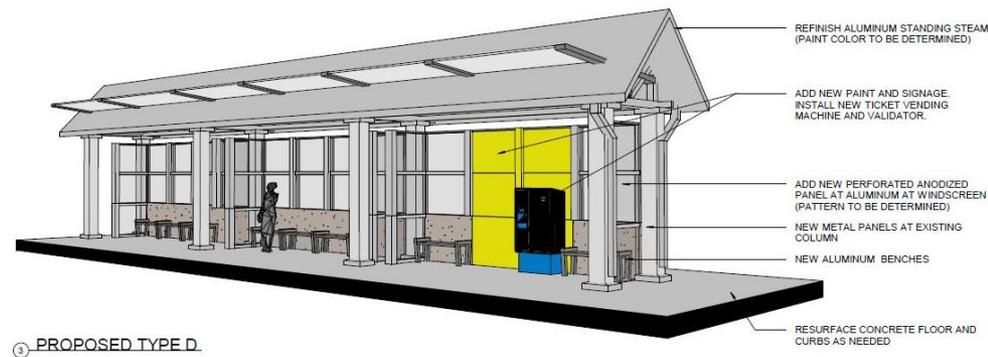
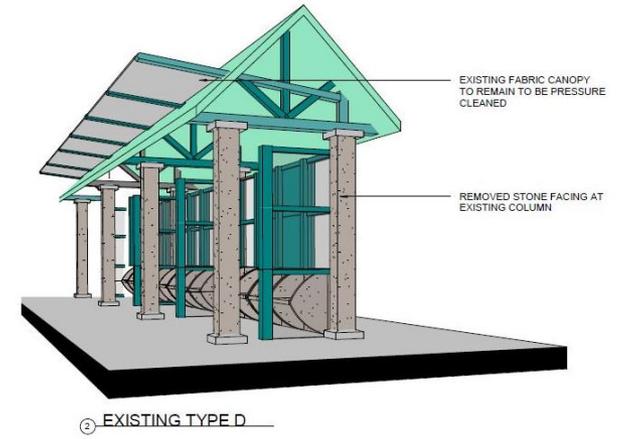
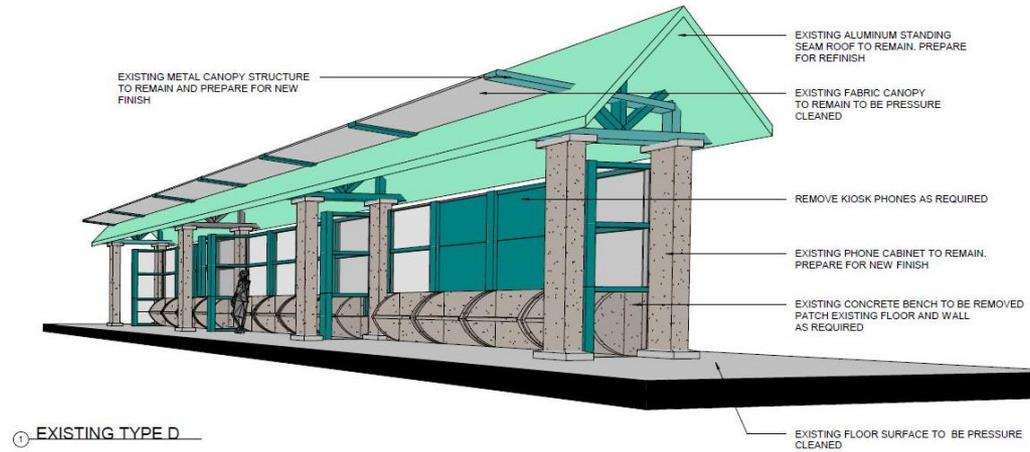


④ PROPOSED TYPE B

Existing Corridor Bus Stop Refurbishment



Existing Corridor Bus Stop Refurbishment



Station Landscape

South Corridor: BRT Station | Context Analysis Station 12 _SW 152nd Street

Land Use

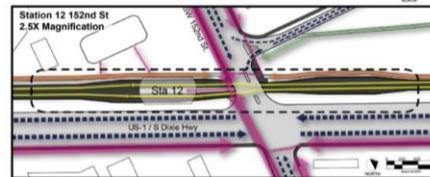
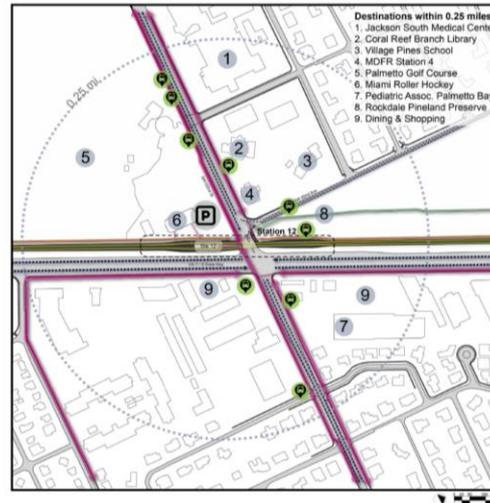
Station 12 is a hub located between outdoor recreation, medical facilities, civic institutions, retail, work, and residential areas.



- parks, preserves, conservation areas
- institutional
- office
- low-density multi-family
- single-family residential
- commercial

Circulation

Station 12 is accessible by pedestrians, by car, by bike, by bus, and by hike; it is walking distance to many local destinations.



- pedestrian
- shared use path
- vehicular
- nature trail
- South Corridor bus rapid transit (BRT)
- bus stop
- P park-n-ride lot

Urban Heat Island

The surfaces surrounding Station 12 are predominately impervious and radiate heat.



- permeable vegetated area
- impermeable surface
- building

Context Analysis

Station Landscape

South Corridor: BRT Station | Vegetation Analysis Station 12_SW 152nd Street

Existing Vegetation & Shade

Station 12 is surrounded by multiple native plant communities, including the Rockdale Pine Preserve, and it currently has limited shade.



Observed Tree & Palm Species

1. *Bursera simaruba* - Gumbo limbo
2. *Coccoloba uvifera* - Sea grape
3. *Schinus terebinthifolia* - Brazilian pepper
4. *Sabal palmetto* - Cabbage palm
5. *Bismarckia nobilis* - Bismarck palm
6. *Cordia sebestena* - Geiger tree
7. *Lysiloma sabicu* - Sabicu
8. *Bucida buceras* - Black olive
9. *Mangifera indica* - Mango tree
10. *Roystonea regia* - Royal palm
11. *Conocarpus erectus var. sericeus* - Silver buttonwood
12. *Tabebuia caraiba* - Silver trumpet



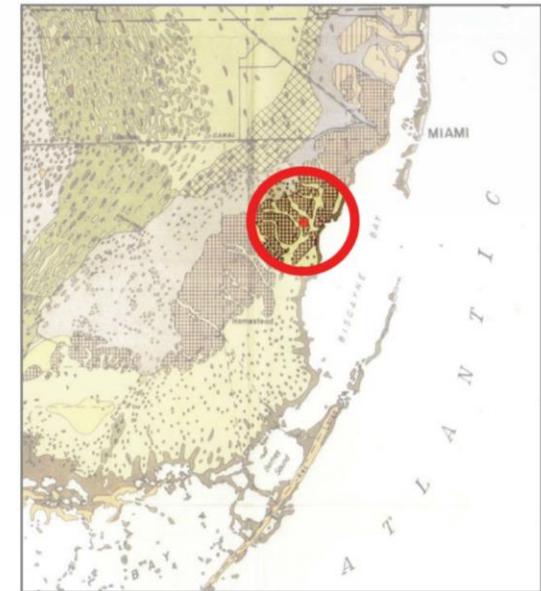
Hammock



Pine Rockland

Historic Vegetation

Before development, this site was covered by Miami *pine rockland*, now critically endangered, and *marsh prairie*.



GENERAL VEGETATION	EXPLANATION	NON-FORREST TYPE VEGETATION
Marsh	Marsh	Marsh
Swamp	Swamp	Swamp
...

Source: Vegetation Map of Southern Florida by John H. Davis, Jr.

Vegetation Analysis

Station Landscape

South Corridor: BRT Station | Local Texture, Material, and Views Station 12_SW 152nd Street

Architectural



Proposed BRT Station Vestibule and Canopy



Proposed BRT Station Vestibule and Canopy



Existing South Dade Busway Signage



152nd St. Retail Plaza

Circulatory



US-1 & 152nd St. Intersection View South



US-1 & 152nd St. Intersection View North



Shared Use Path Connection to Miami Hockey



Shared Use Path Along Rockdale Preserve



South Corridor Bus

Biological



Gumbo Limbo Roots



Rockdale Preserve Bat Habitat



Rockdale Preserve Pine Snag



Rockdale Preserve Pineland Acacia Bloom



Strangler Fig on Sabal Palm

Local Texture, Material,
& Views

Station Landscape



Illustrative Plan

South Corridor South Dade TransitWay



TARC Presentation
June 16th, 2021