

H O N O L U L U H I G H - C A P A C I T Y T R A N S I T C O R R I D O R P R O J E C T

I N D E X O F D R A W I N G S

GENERAL

Page No.	Drawing No.	Title
1	T-1	Title Sheet
2	G-1	Index of Drawings
3	G-2	Key Map - Managed Lane Facility
4	G-3	Key Map - Fixed Guideway Section I
5	G-4	Key Map - Fixed Guideway Section II
6	G-5	Key Map - Fixed Guideway Section III
7	G-6	Key Map - Fixed Guideway Section IV
8	G-7	Key Map - Fixed Guideway Section V
9	G-8	Fixed Guideway Station Type Summary - Sheet 1
10	G-9	Fixed Guideway Station Type Summary - Sheet 2

TRANSIT CENTER

Page No.	Drawing No.	Title
11	TC-1	Transit Connection in Right-Of-Way Plan Diagram
12	TC-2	Intermodal Transit Center Plan Diagram

COMPUTER SIMULATIONS

Page No.	Drawing No.	Title
13	CS-1	Computer Simulation Managed Lane Station
14	CS-2	Computer Simulation Fixed Guideway Station
15	CS-3	Computer Simulation Managed Lane Station at Kaonohi Street
16	CS-4	Computer Simulation Fixed Guideway Station at Kaonohi Street
17	CS-5	Computer Simulation Fixed Guideway Station at Honolulu Community College

MANAGED LANE ALTERNATIVE

Page No.	Drawing No.	Title
18	MLTD-1	Two-direction Off-Line Station With Mezzanine Ground Level Plan
19	MLTD-2	Two-direction Off-Line Station With Mezzanine Mezzanine Level Plan
20	MLTD-3	Two-direction Off-Line Station With Mezzanine Platform Level Plan
21	MLTD-4	Two-direction Off-Line Station With Mezzanine Section A

FIXED GUIDEWAY ALTERNATIVE

Page No.	Drawing No.	Title
22	ASDPM-1	Aerial Side Platform With Mezzanine Ground Level Plan
23	ASDPM-2	Aerial Side Platform With Mezzanine Mezzanine Level Plan
24	ASDPM-3	Aerial Side Platform With Mezzanine Platform Level Plan
25	ASDPM-4	Aerial Side Platform With Mezzanine Longitudinal Section
26	ASDPM-5	Aerial Side Platform With Mezzanine Section A
27	ASDPM-6	Aerial Side Platform With Mezzanine Section B
28	ASDP-1	Aerial Side Platform Without Mezzanine Ground Level Plan
29	ASDP-2	Aerial Side Platform Without Mezzanine Platform Level Plan
30	ASDP-3	Aerial Side Platform Without Mezzanine Longitudinal Section
31	ASDP-4	Aerial Side Platform Without Mezzanine Section A
32	ASDP-5	Aerial Side Platform Without Mezzanine Section B
33	ASIP-1	Aerial Single Platform Without Mezzanine Ground Level Plan
34	ASIP-2	Aerial Single Platform Without Mezzanine Platform Level Plan
35	ASIP-3	Aerial Single Platform Without Mezzanine Longitudinal Section
36	ASIP-4	Aerial Single Platform Without Mezzanine Sections A and B
37	ASP-1	Aerial Stacked Platform Ground Level Plan
38	ASP-2	Aerial Stacked Platform Lower Level Platform Plan
39	ASP-3	Aerial Stacked Platform Upper Level Platform Plan
41	ASP-4	Aerial Stacked Platform Longitudinal Section
41	ASP-5	Aerial Stacked Platform Sections A and B
42	AGSP-1	At-Grade Side Platforms Plan
43	AGSP-2	At-Grade Side Platforms Sections
44	UCPM-1	Underground Center Platform With Mezzanine Ground Level Plan
45	UCPM-2	Underground Center Platform With Mezzanine Mezzanine Level Plan
46	UCPM-3	Underground Center Platform With Mezzanine Platform Level Plan
47	UCPM-4	Underground Center Platform With Mezzanine Sections A and B
48	USP-1	Underground Side Platforms Without Mezzanine Ground Level Plan
49	USP-2	Underground Side Platforms Without Mezzanine Platform Level Plan
50	USP-3	Underground Side Platforms Without Mezzanine Sections A and B



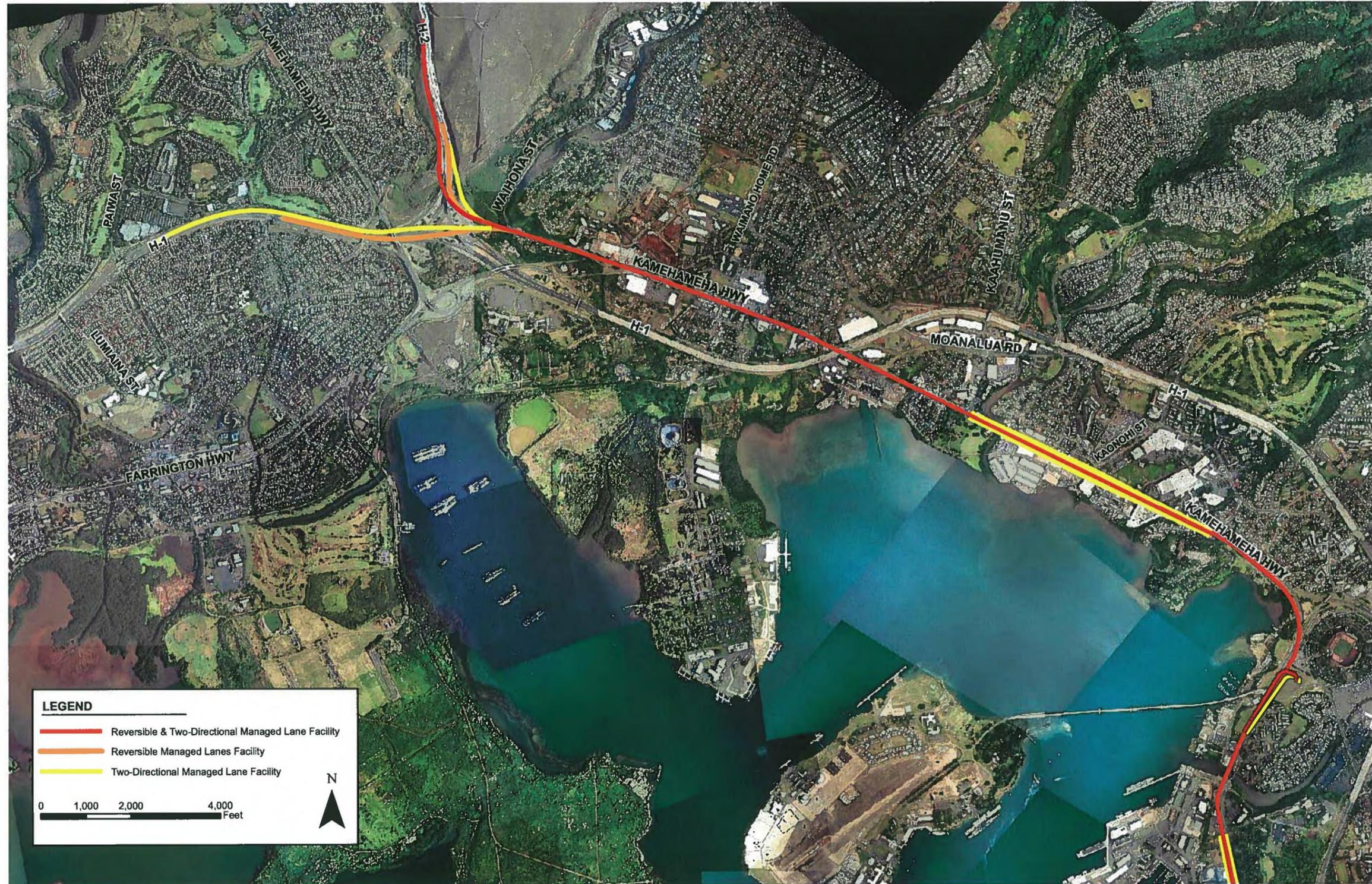
CITY & COUNTY OF HONOLULU
DEPARTMENT OF TRANSPORTATION SERVICES

HONOLULU HIGH-CAPACITY TRANSIT
CORRIDOR PROJECT
ALTERNATIVES ANALYSIS

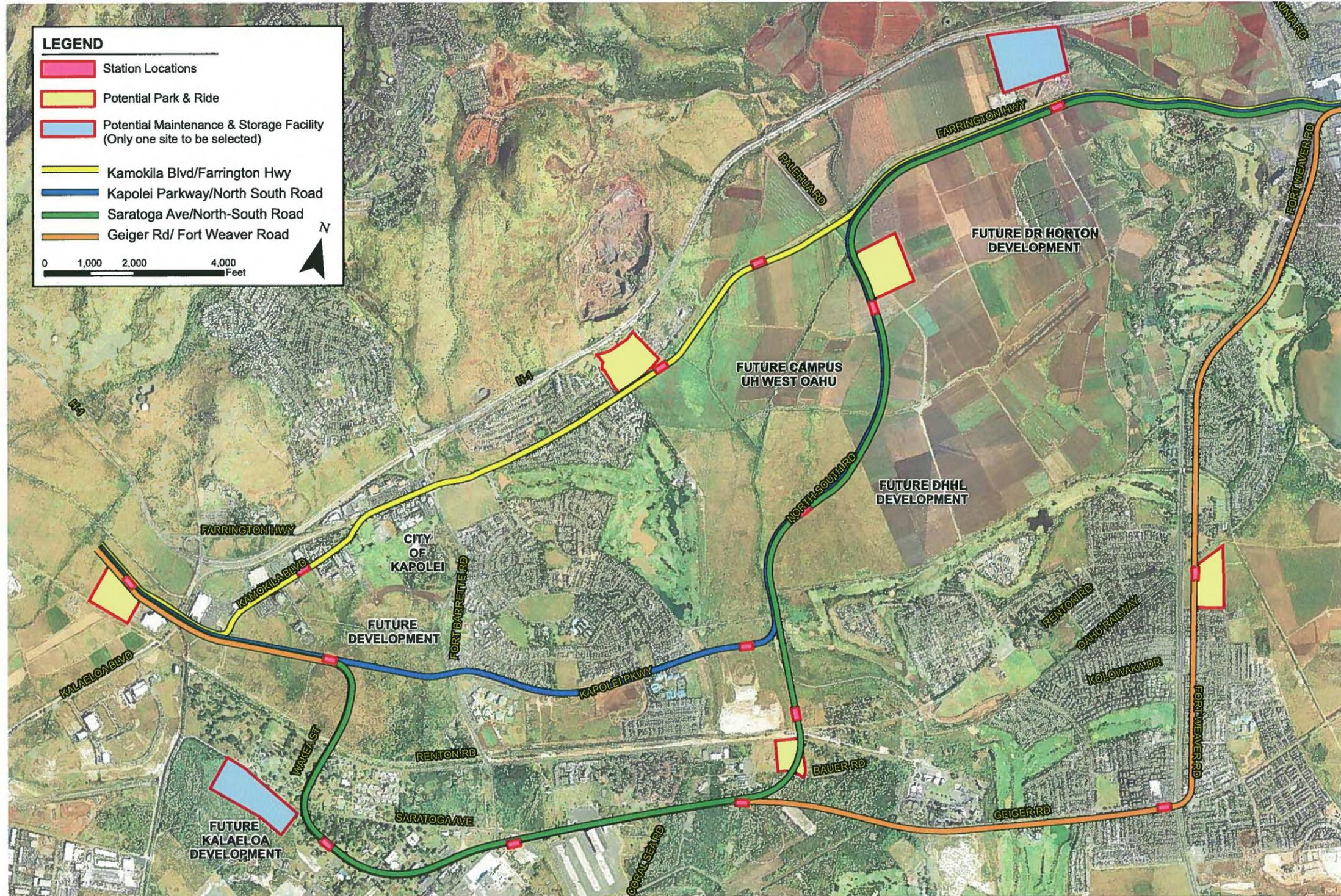
INDEX OF DRAWINGS

PAGE NO.	2
DRAWING NO.	G-1
DATE:	11/17/06

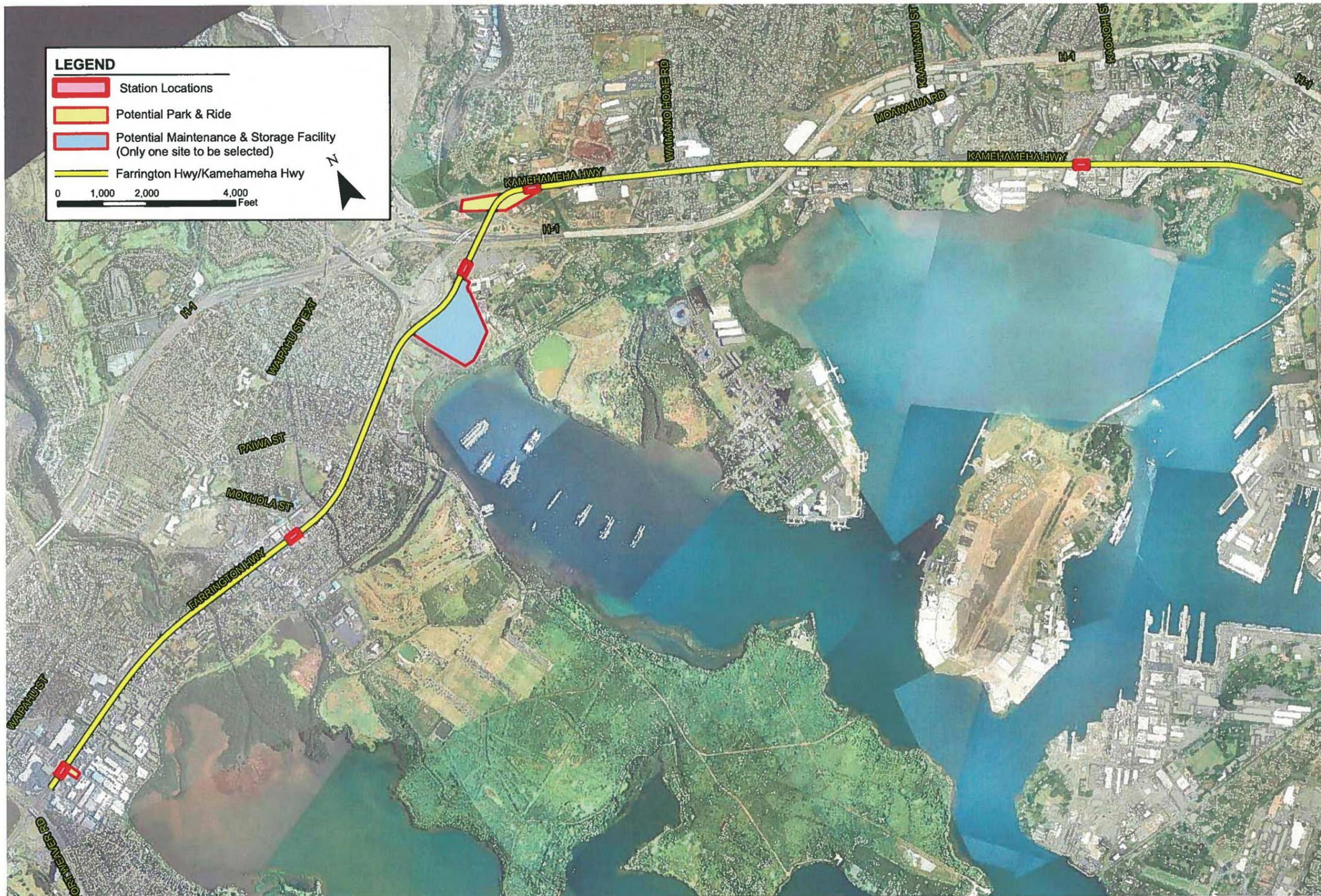
TWO-DIRECTION MANAGED LANE FACILITY



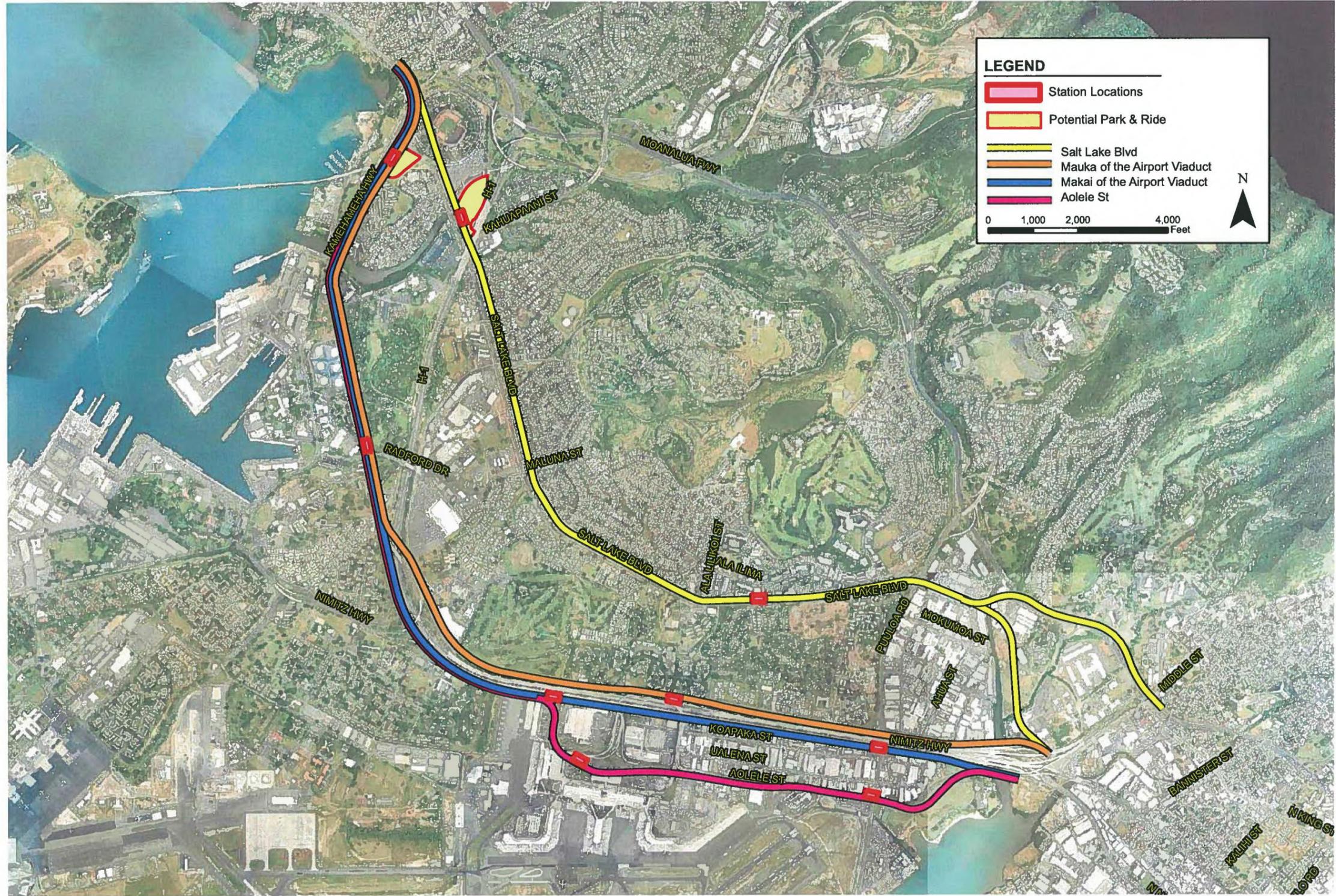
FIXED GUIDEWAY - SECTION I



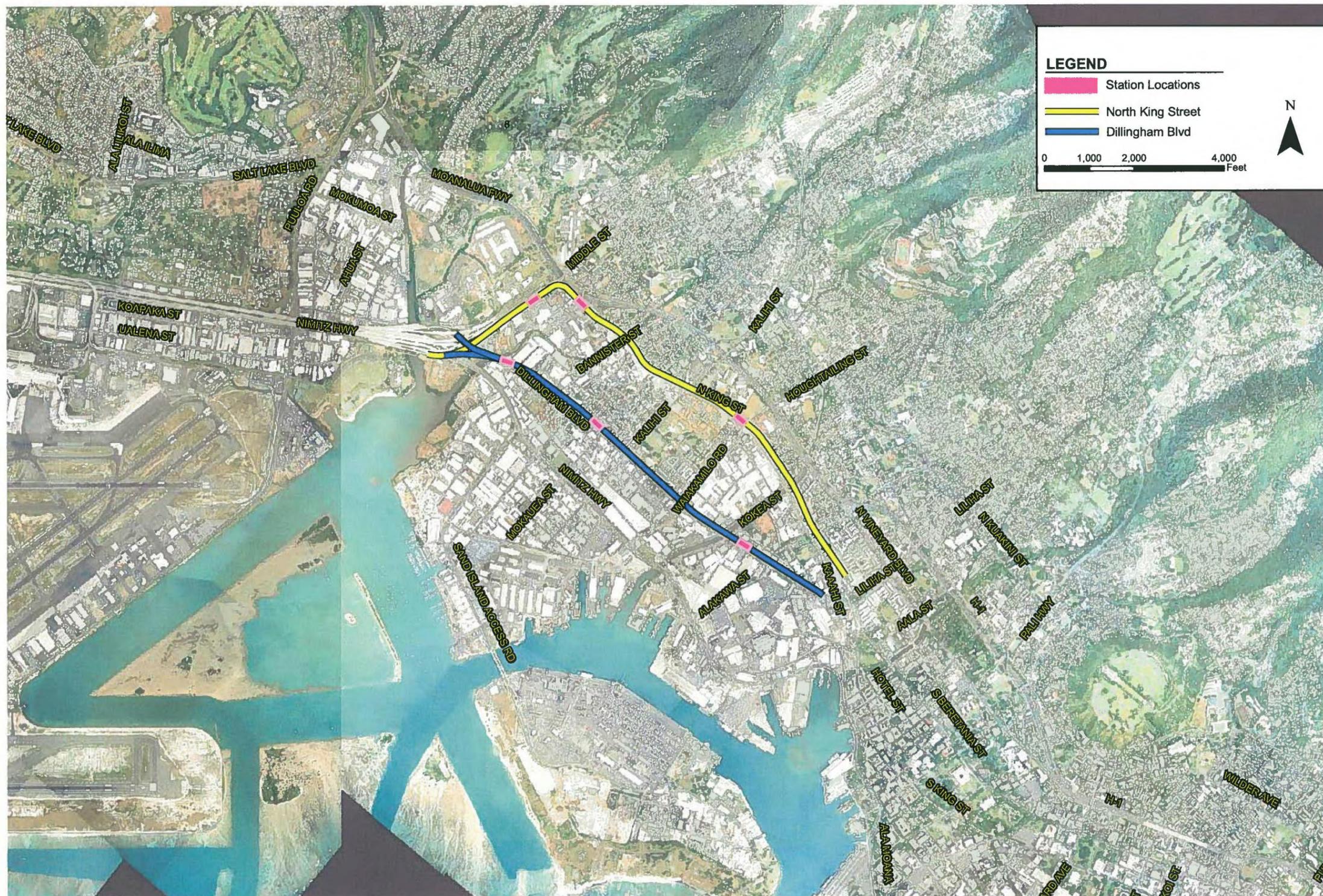
FIXED GUIDEWAY - SECTION II



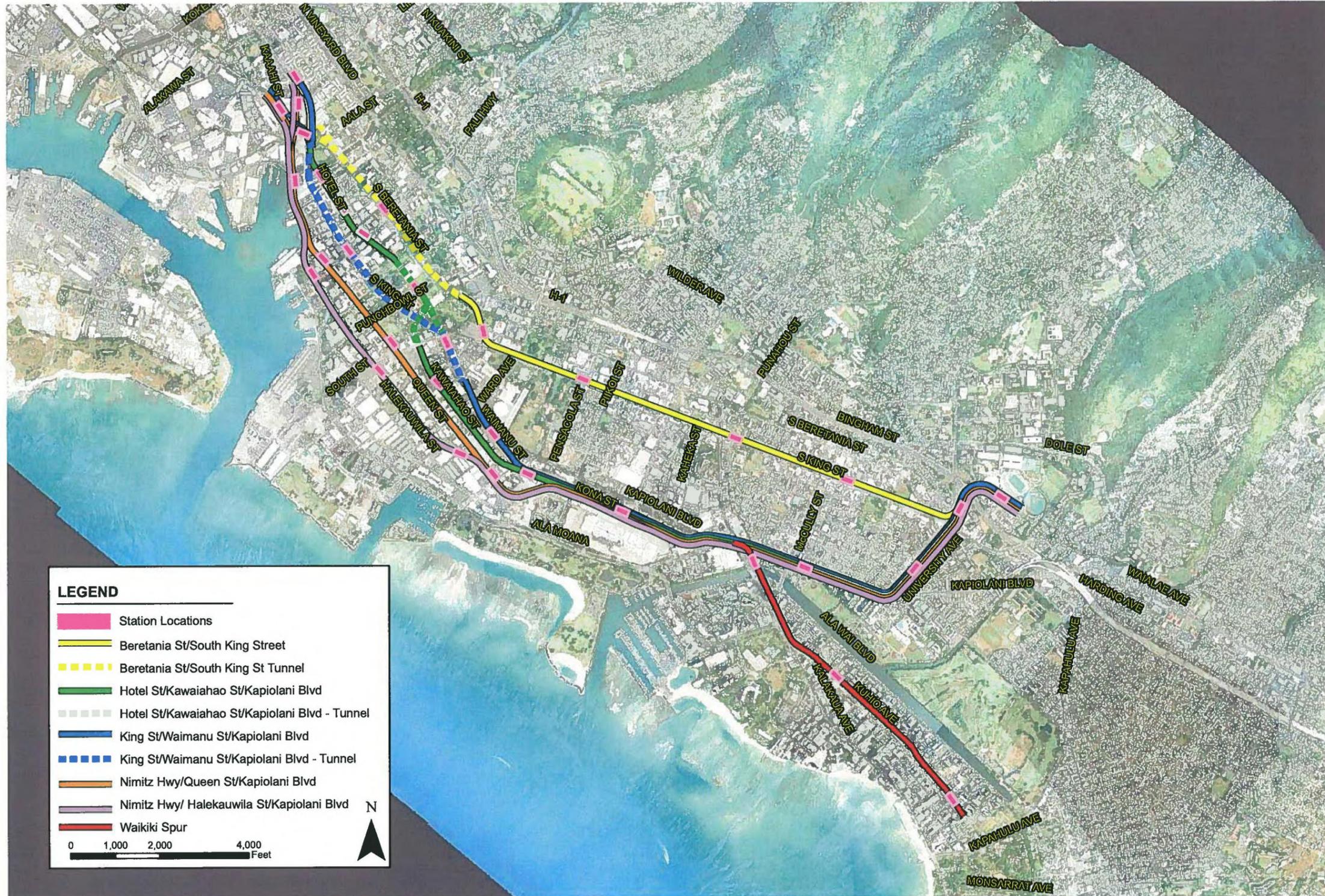
FIXED GUIDEWAY - SECTION III



FIXED GUIDEWAY - SECTION IV



FIXED GUIDEWAY - SECTION V



H O N O L U L U H I G H - C A P A C I T Y T R A N S I T C O R R I D O R P R O J E C T

S T A T I O N T Y P E S U M M A R Y

MANAGED LANE ALTERNATIVE			FIXED GUIDEWAY ALTERNATIVE		
	STATION LOCATION	STATION TYPE		STATION LOCATION	STATION TYPE
<u>TWO-DIRECTIONAL FACILITY:</u>			UH-WEST OAHU OPTIONAL ALIGNMENT		
	KAONOHI RADFORD	AERIAL OFF-LINE WITH MEZZANINE AERIAL OFF-LINE WITH MEZZANINE		NORTH-SOUTH / KAPOLEI UH-WEST OAHU HORTON	AERIAL SIDE PLATFORM WITHOUT MEZZANINE AERIAL SIDE PLATFORM WITHOUT MEZZANINE AERIAL SIDE PLATFORM WITHOUT MEZZANINE OR AT-GRADE SIDE PLATFORM
<u>REVERSIBLE FACILITY:</u>			GEIGER ROAD - FORT WEAVER ROAD		
	NONE	NOT APPLICABLE		KAPOLEI/HANUA KAPOLEI/WAKEA SARATOGA/WAKEA	AERIAL SIDE PLATFORM WITH MEZZANINE AERIAL SIDE PLATFORM WITH MEZZANINE AERIAL SIDE PLATFORM WITH MEZZANINE OR AT-GRADE SIDE PLATFORM
FIXED GUIDEWAY ALTERNATIVE				SARATOGA/FORT BARRETTE	AERIAL SIDE PLATFORM WITH MEZZANINE OR AT-GRADE SIDE PLATFORM
	STATION LOCATION	STATION TYPE		SARATOGA/NORTH-SOUTH	AERIAL SIDE PLATFORM WITH MEZZANINE OR AT-GRADE SIDE PLATFORM
<u>SECTION 1 SEGMENTS:</u>			<u>SECTION 2 SEGMENTS:</u>		
	KAMOKILA BLVD - FARRINGTON HWY	KAPOLEI/HANUA KAMOKILA/WAKEA FARRINGTON/UHWO-EWA FARRINGTON/UHWO-KOKO HEAD FARRINGTON/HORTON		FARRINGTON/LEOKU FARRINGTON/MOKUOLA LEWARD COMMUNITY COLLEGE KAMEHAMEHA/KUALA KAMEHAMEHA/KAONOHI	AERIAL SIDE PLATFORM WITH MEZZANINE AERIAL SIDE PLATFORM WITH MEZZANINE AT-GRADE SIDE PLATFORM AERIAL SIDE PLATFORM WITH MEZZANINE AERIAL SIDE PLATFORM WITH MEZZANINE
	KAPOLEI PARKWAY- NORTH-SOUTH ROAD	KAPOLEI/HANUA KAPOLEI/WAKEA KAPOLEI/NORTH-SOUTH NORTH-SOUTH/UHWO-MAKAI NORTH-SOUTH/UHWO-MAUKA FARRINGTON/HORTON		SALT LAKE BLVD - N. KING ST	SALT LAKE/KAHUAPAANI SALT LAKE/ALA INOI
	SARATOGA AVE - NORTH-SOUTH ROAD	KAPOLEI/HANUA KAPOLEI/WAKEA SARATOGA/WAKEA SARATOGA/FORT BARRETTE NORTH-SOUTH/KAPOLEI NORTH-SOUTH/UHWO-MAKAI NORTH-SOUTH/UHWO-MAUKA FARRINGTON/HORTON		SALT LAKE BLVD - DILLINGHAM BLVD	SALT LAKE/KAHUAPAANI SALT LAKE/ALA INOI
				MAUKA SIDE OF AIRPORT VIADUCT	ALOHA STADIUM KAMEHAMEHA/RADFORD NIMITZ/PAIEA
				MAKAI SIDE OF AIRPORT VIADUCT	ALOHA STADIUM KAMEHAMEHA/RADFORD AOELE LAGOON
				AOELE ST	ALOHA STADIUM KAMEHAMEHA/RADFORD AOELE/AIRPORT AOELE/LAGOON



CITY & COUNTY OF HONOLULU
DEPARTMENT OF TRANSPORTATION SERVICES

HONOLULU HIGH-CAPACITY TRANSIT
CORRIDOR PROJECT
ALTERNATIVES ANALYSIS

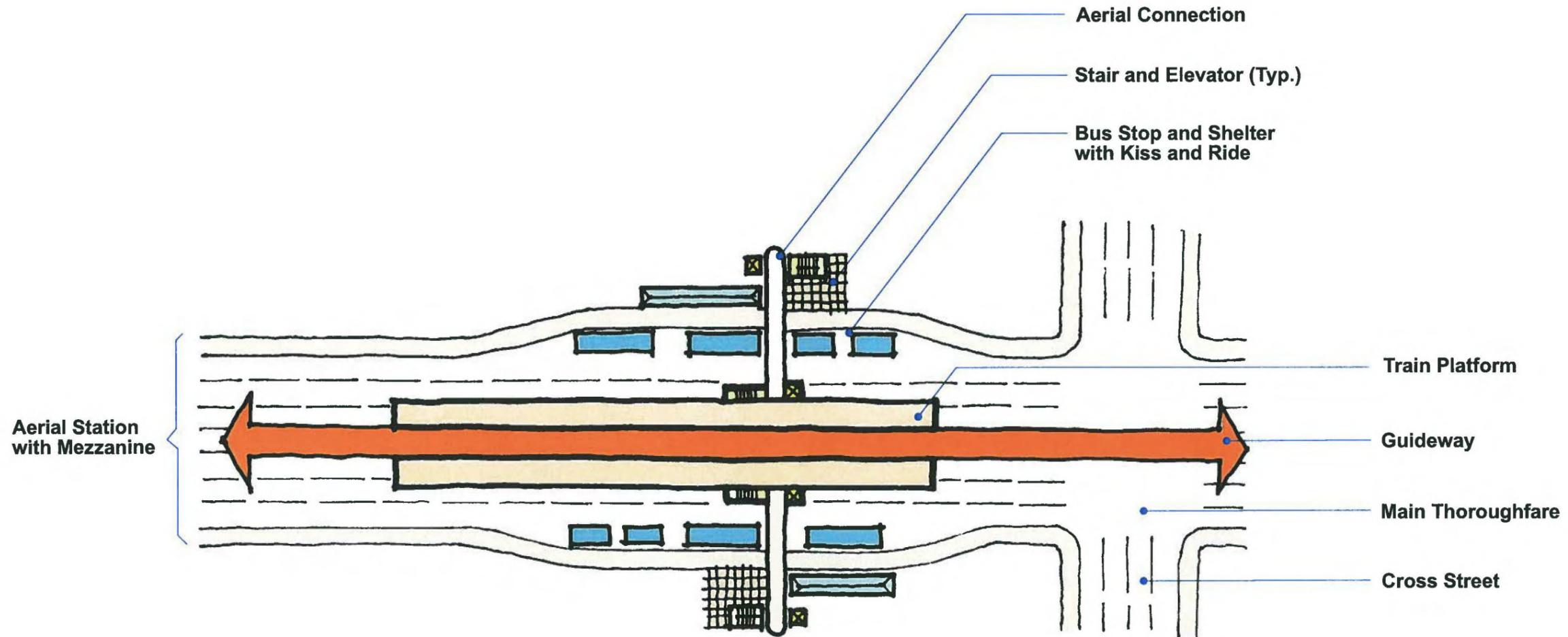
STATION TYPE SUMMARY
Sheet 1

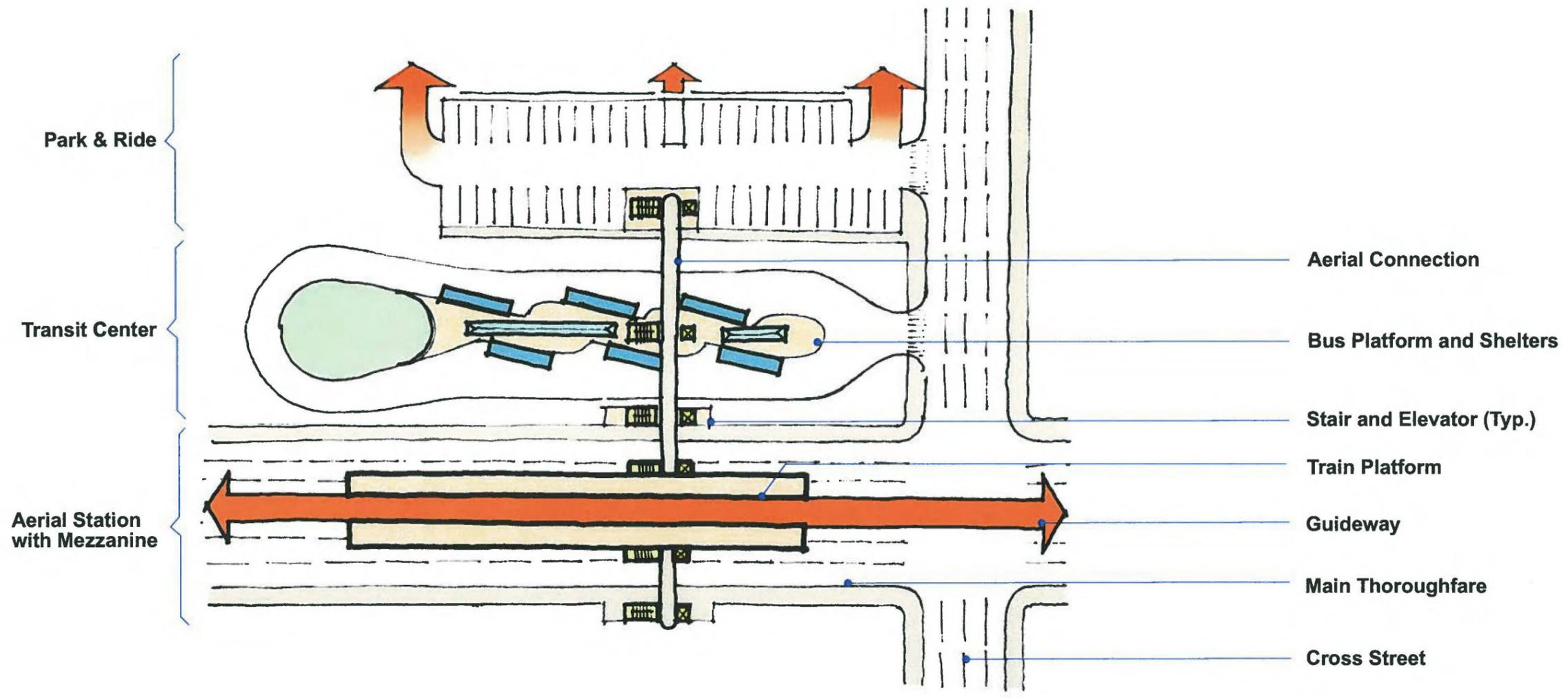
PAGE NO. 9
DRAWING NO. G-8
DATE: 11/17/06

H O N O L U L U H I G H - C A P A C I T Y T R A N S I T C O R R I D O R P R O J E C T

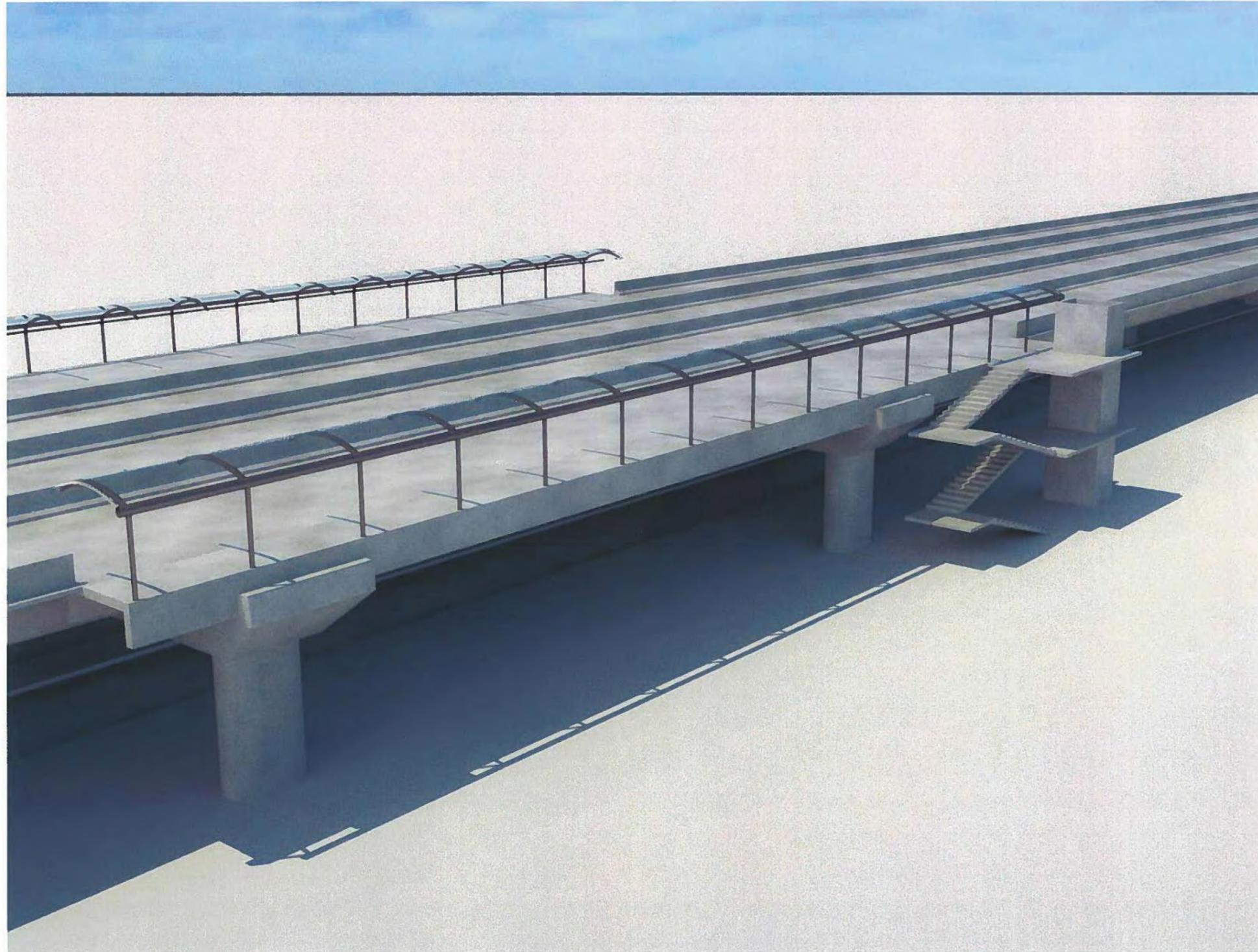
S T A T I O N T Y P E S U M M A R Y

FIXED GUIDEWAY ALTERNATIVE			FIXED GUIDEWAY ALTERNATIVE		
	STATION LOCATION	STATION TYPE		STATION LOCATION	STATION TYPE
<u>SECTION 4 SEGMENTS:</u>					
NIMITZ HWY - N. KING ST	MIDDLE KING/WAIKAMILO	AERIAL SIDE PLATFORM WITH MEZZANINE AERIAL SIDE PLATFORM WITH MEZZANINE	HOTEL ST - KAWAIAHAO ST - KAPIOLANI BLVD	HOTEL/KEKAULIKE HOTEL/NUUANU HOTEL/BISHOP STATE CAPITOL KAWAIAHAO/COOKE WAIMANU/KAMAKEE ALA MOANA OPTION 1 CONVENTION CENTER OPTION 2 McCULLY UNIVERSITY/DATE UNIVERSITY/KING UH LOWER CAMPUS	AT-GRADE SIDE PLATFORM AT-GRADE SIDE PLATFORM AT-GRADE SIDE PLATFORM UNDERGROUND SIDE PLATFORM WITHOUT MEZZANINE AERIAL SIDE PLATFORM WITHOUT MEZZANINE AERIAL SIDE PLATFORM WITHOUT MEZZANINE AERIAL CENTER PLATFORM WITH MEZZANINE AERIAL STACKED PLATFORM WITH MEZZANINE AERIAL SIDE PLATFORM WITH MEZZANINE AERIAL SIDE PLATFORM WITH MEZZANINE AERIAL SIDE PLATFORM WITH MEZZANINE AERIAL SIDE PLATFORM WITH MEZZANINE
SALT LAKE BLVD - N. KING ST	KING/OWEN KING/WAIKAMILO	AERIAL SIDE PLATFORM WITHOUT MEZZANINE AERIAL SIDE PLATFORM WITH MEZZANINE			
DILLINGHAM BLVD	DILLINGHAM/MIDDLE DILLINGHAM/MOKAUAEA DILLINGHAM/KOKEA	AERIAL SIDE PLATFORM WITH MEZZANINE AERIAL SIDE PLATFORM WITH MEZZANINE AERIAL SIDE PLATFORM WITH MEZZANINE			
<u>SECTION 5 SEGMENTS:</u>					
<u>SECTION 4 TO 5 CONNECTIONS</u>					
N. KING ST - BERETANIA ST	KING/LILIHA	AERIAL SIDE PLATFORM WITH MEZZANINE	NIMITZ HWY - QUEEN ST - KAPIOLANI BLVD	NIMITZ/KEKAULIKE QUEEN/FORT QUEEN/SOUTH QUEEN/KAMAKEE ALA MOANA OPTION 1 CONVENTION CENTER OPTION 2 McCULLY UNIVERSITY/DATE UNIVERSITY/KING UH LOWER CAMPUS	AERIAL SIDE PLATFORM WITH MEZZANINE AERIAL STACKED PLATFORM WITHOUT MEZZANINE AERIAL SIDE PLATFORM WITHOUT MEZZANINE AERIAL SIDE PLATFORM WITHOUT MEZZANINE AERIAL CENTER PLATFORM WITH MEZZANINE AERIAL STACKED PLATFORM WITH MEZZANINE AERIAL SIDE PLATFORM WITH MEZZANINE AERIAL SIDE PLATFORM WITH MEZZANINE AERIAL SIDE PLATFORM WITH MEZZANINE AERIAL SIDE PLATFORM WITH MEZZANINE
N. KING ST - HOTEL ST	KING/LILIHA	AERIAL SIDE PLATFORM WITH MEZZANINE			
N. KING ST - NIMITZ HWY	KAAAH	AERIAL SIDE PLATFORM WITH MEZZANINE			
DILLINGHAM BLVD - BERETANIA ST	KAAAH	UNDERGROUND CENTER PLATFORM WITH MEZZANINE			
DILLINGHAM BLVD - HOTEL ST	KAAAH	AERIAL SIDE PLATFORM WITHOUT MEZZANINE			
DILLINGHAM BLVD - NIMITZ HWY	KAAAH	AERIAL SIDE PLATFORM WITHOUT MEZZANINE	NIMITZ HWY - HALEKAUWILA ST - KAPIOLANI BLVD	NIMITZ/KEKAULIKE NIMITZ/FORT HALEKAUWILA/SOUTH HALEKAUWILA/WARD ALA MOANA OPTION 1 CONVENTION CENTER OPTION 2 McCULLY UNIVERSITY/DATE UNIVERSITY/KING UH LOWER CAMPUS	AERIAL SIDE PLATFORM WITH MEZZANINE AERIAL SIDE PLATFORM WITH MEZZANINE AERIAL SIDE PLATFORM WITHOUT MEZZANINE AERIAL SIDE PLATFORM WITHOUT MEZZANINE AERIAL CENTER PLATFORM WITH MEZZANINE AERIAL STACKED PLATFORM WITH MEZZANINE AERIAL SIDE PLATFORM WITH MEZZANINE AERIAL SIDE PLATFORM WITH MEZZANINE AERIAL SIDE PLATFORM WITH MEZZANINE AERIAL SIDE PLATFORM WITH MEZZANINE
BERETANIA ST - S. KING ST	BERETANIA/FORT ALAPAI KING/PENSACOLA KING/KALAKAUA KING/McCULLY KING/HAUSTEN UH LOWER CAMPUS	UNDERGROUND CENTER PLATFORM WITH MEZZANINE AERIAL SIDE PLATFORM WITHOUT MEZZANINE AERIAL SIDE PLATFORM WITH MEZZANINE			
HOTEL ST - WAIMANU ST - KAPIOLANI BLVD	HOTEL/KEKAULIKE HOTEL/NUUANU HOTEL/BISHOP KING/KAPIOLANI KAPIOLANI/WARD ALA MOANA OPTION 1 CONVENTION CENTER OPTION 2 McCULLY UNIVERSITY/DATE UNIVERSITY/KING UH LOWER CAMPUS	AT-GRADE SIDE PLATFORM AT-GRADE SIDE PLATFORM AT-GRADE SIDE PLATFORM UNDERGROUND CENTER PLATFORM WITH MEZZANINE AERIAL SIDE PLATFORM WITHOUT MEZZANINE AERIAL CENTER PLATFORM WITH MEZZANINE AERIAL STACKED PLATFORM WITH MEZZANINE AERIAL SIDE PLATFORM WITH MEZZANINE AERIAL SIDE PLATFORM WITH MEZZANINE AERIAL SIDE PLATFORM WITH MEZZANINE AERIAL SIDE PLATFORM WITH MEZZANINE	WAIKIKI SPUR	OPTION 2 CONVENTION CENTER KUHIO/KALAIMOKU KUHIO/LILUOKALANI	AERIAL STACKED PLATFORM WITH MEZZANINE AERIAL SIDE PLATFORM WITHOUT MEZZANINE AERIAL SINGLE PLATFORM WITHOUT MEZZANINE

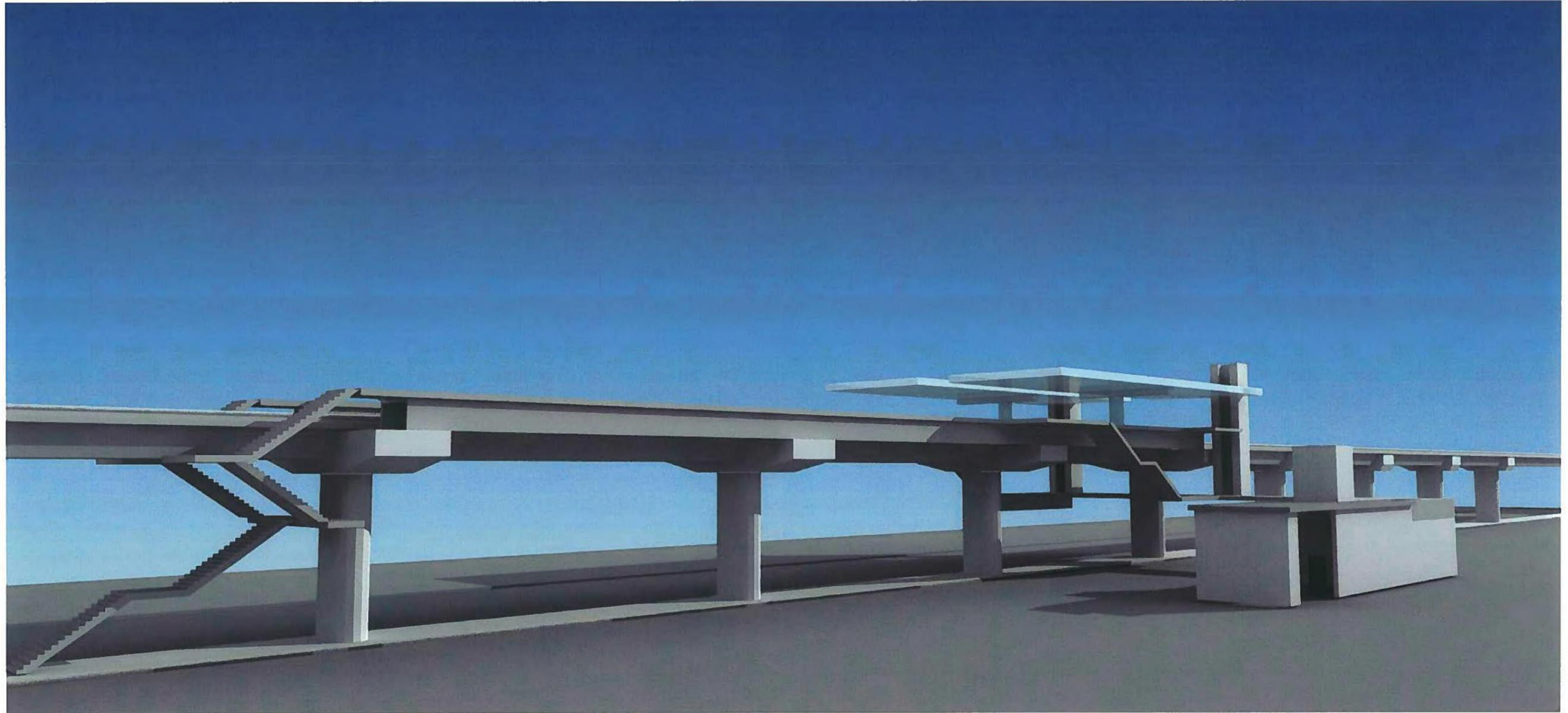




**COMPUTER SIMULATION
MANAGED LANE STATION**



**COMPUTER SIMULATION
FIXED GUIDEWAY STATION**



**COMPUTER SIMULATION
MANAGED LANE STATION AT KAONOHI STREET**



EXISTING



PROPOSED

**COMPUTER SIMULATION
FIXED GUIDEWAY STATION AT KAONOHI STREET**



EXISTING



PROPOSED

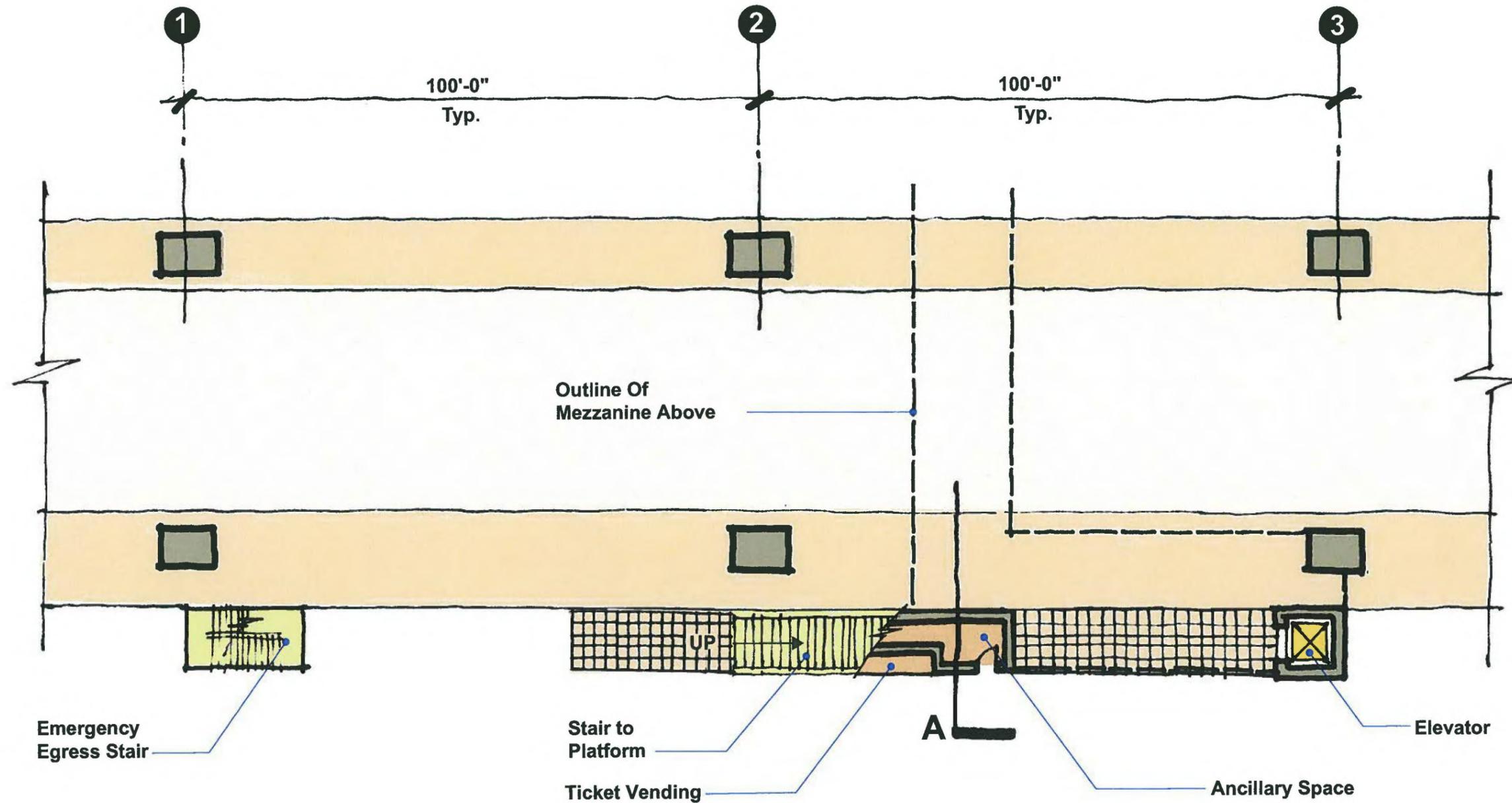
**COMPUTER SIMULATION
FIXED GUIDEWAY STATION AT
HONOLULU COMMUNITY COLLEGE**

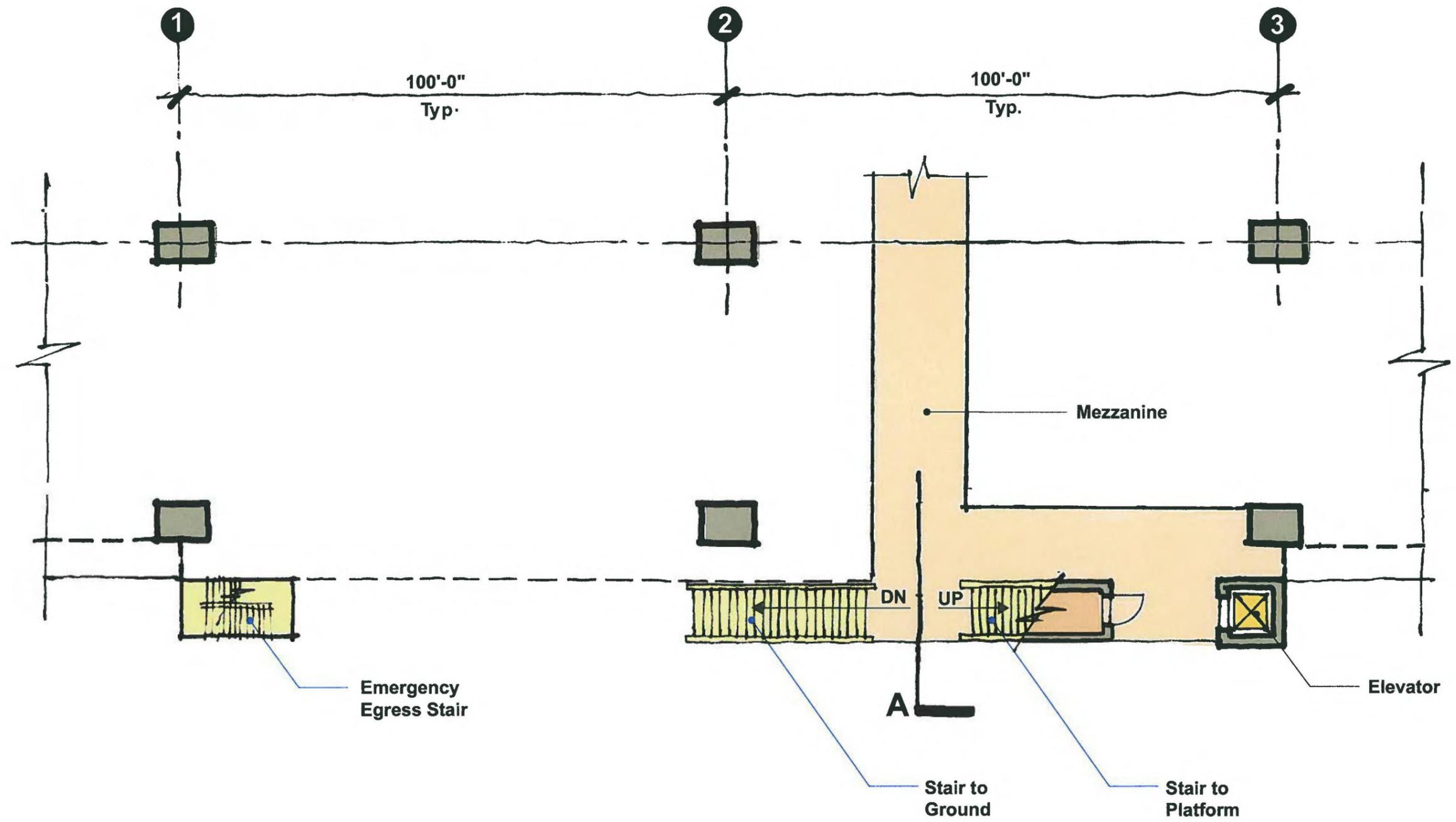


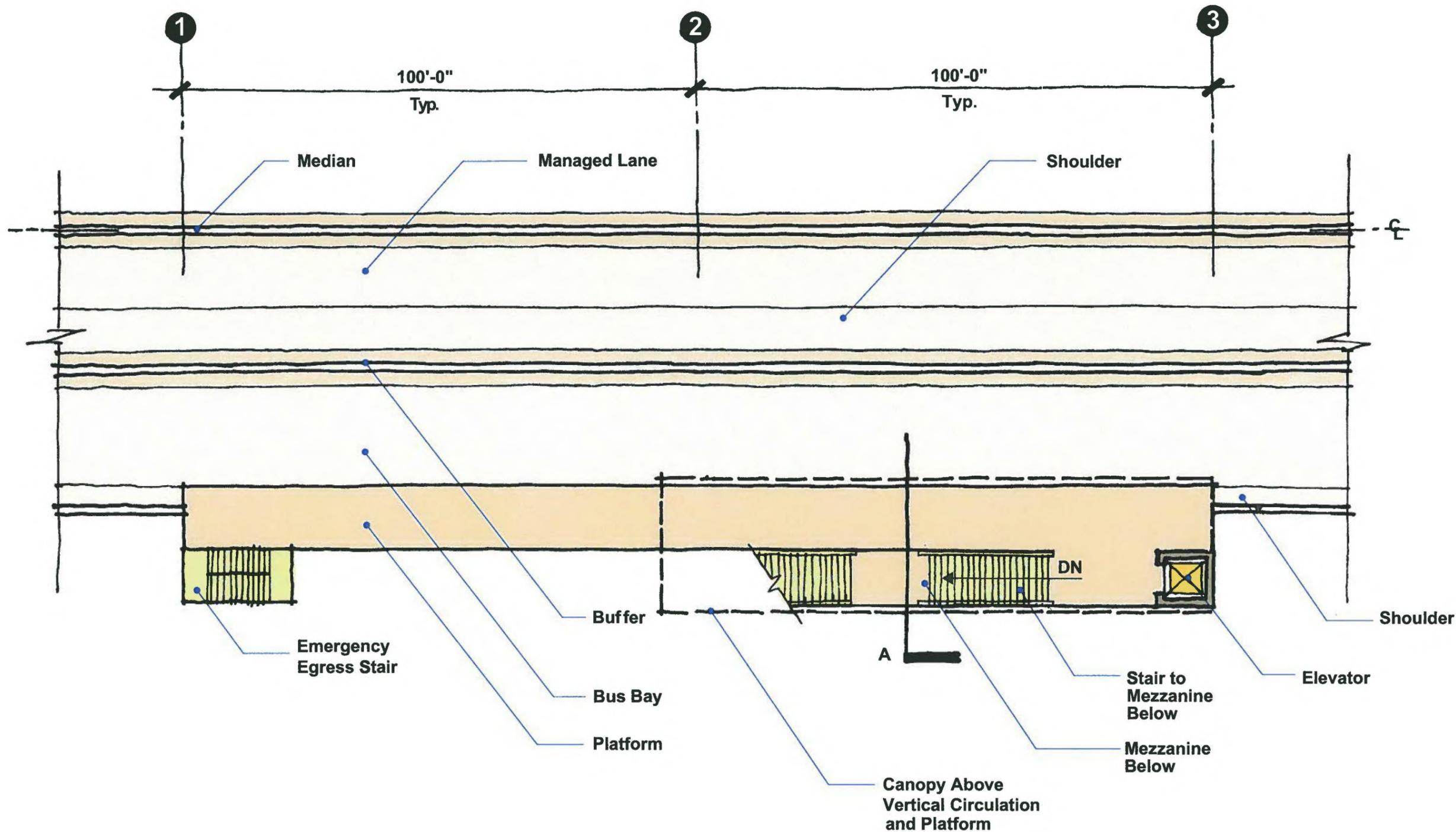
EXISTING

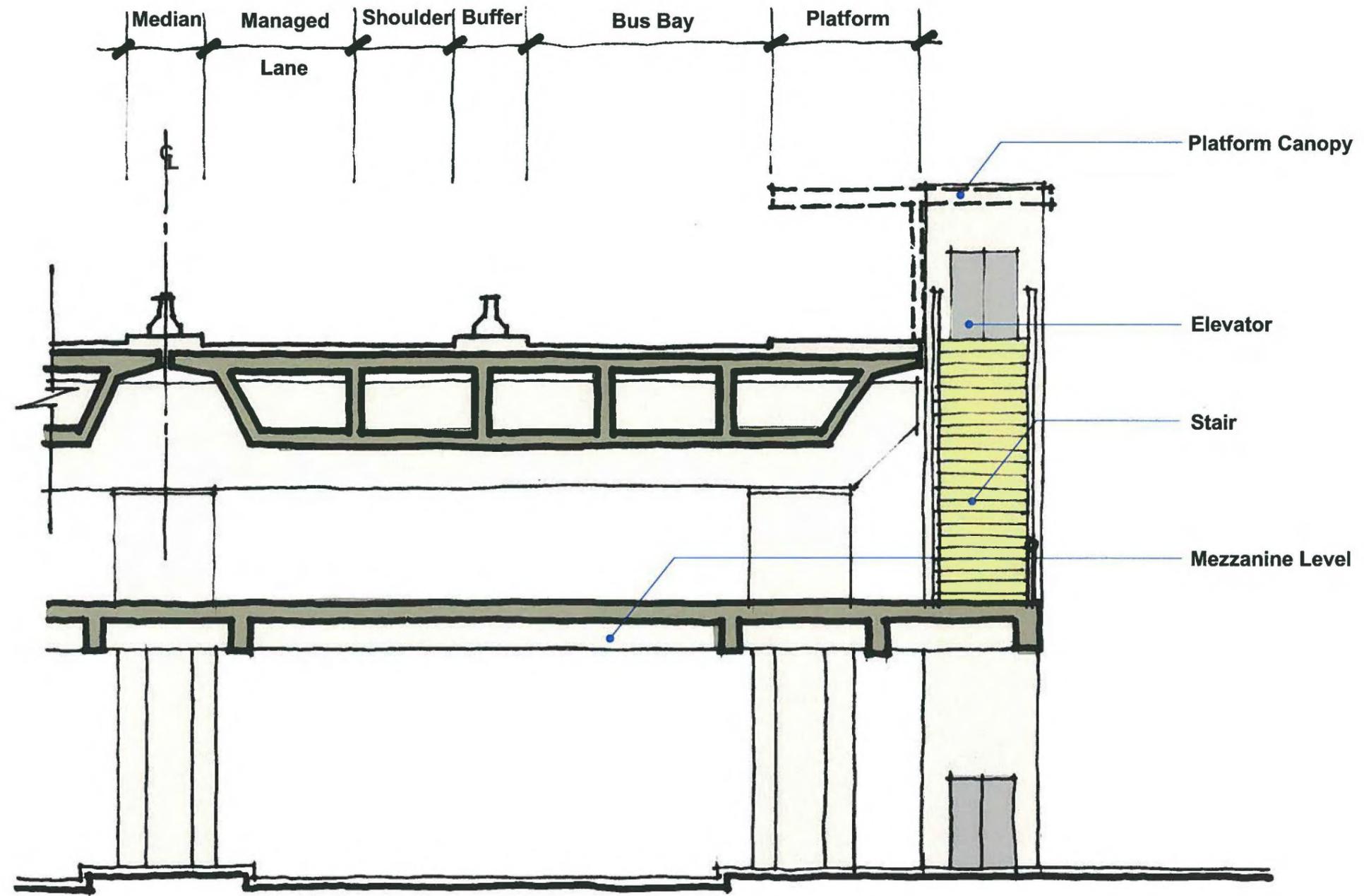


PROPOSED

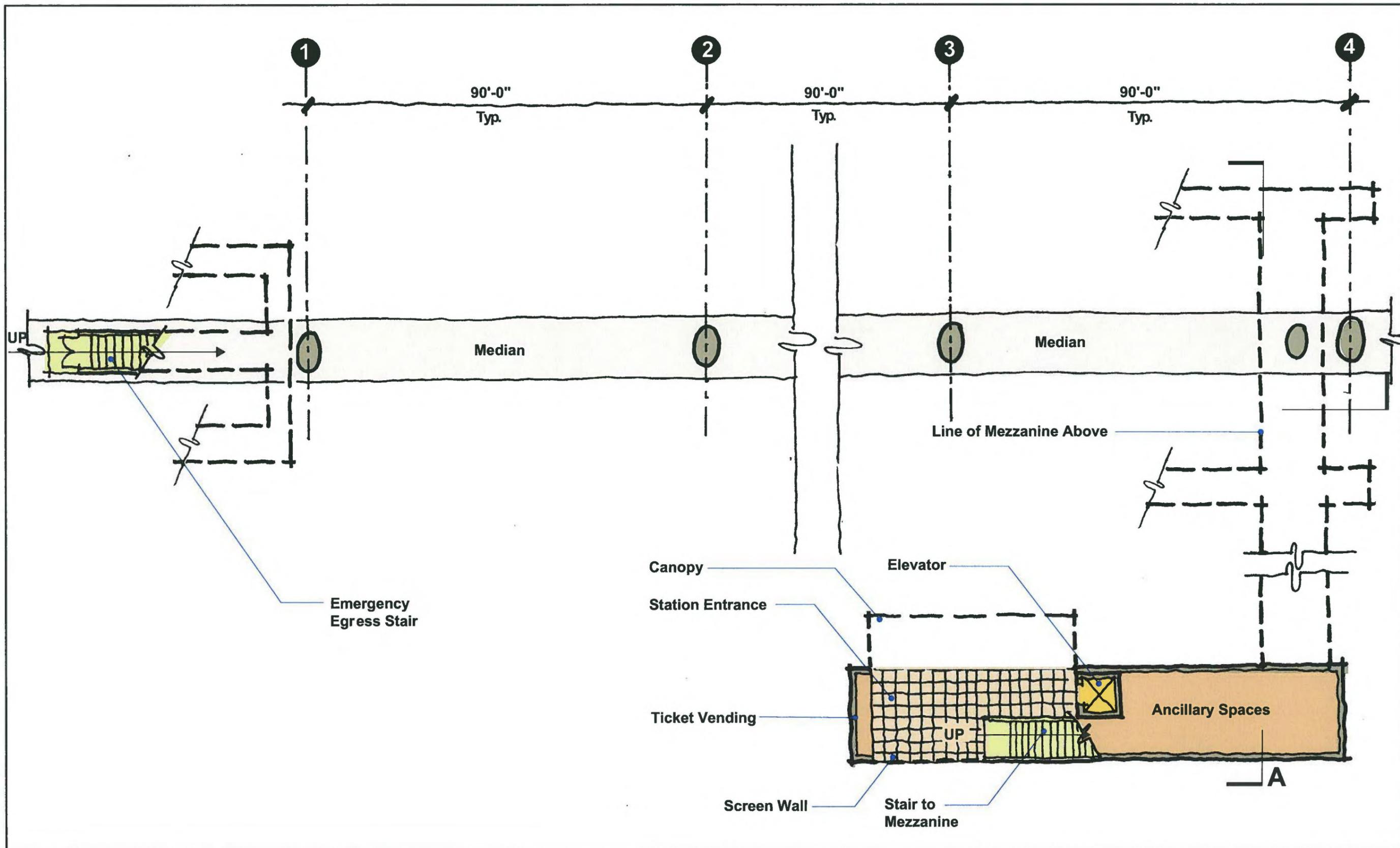


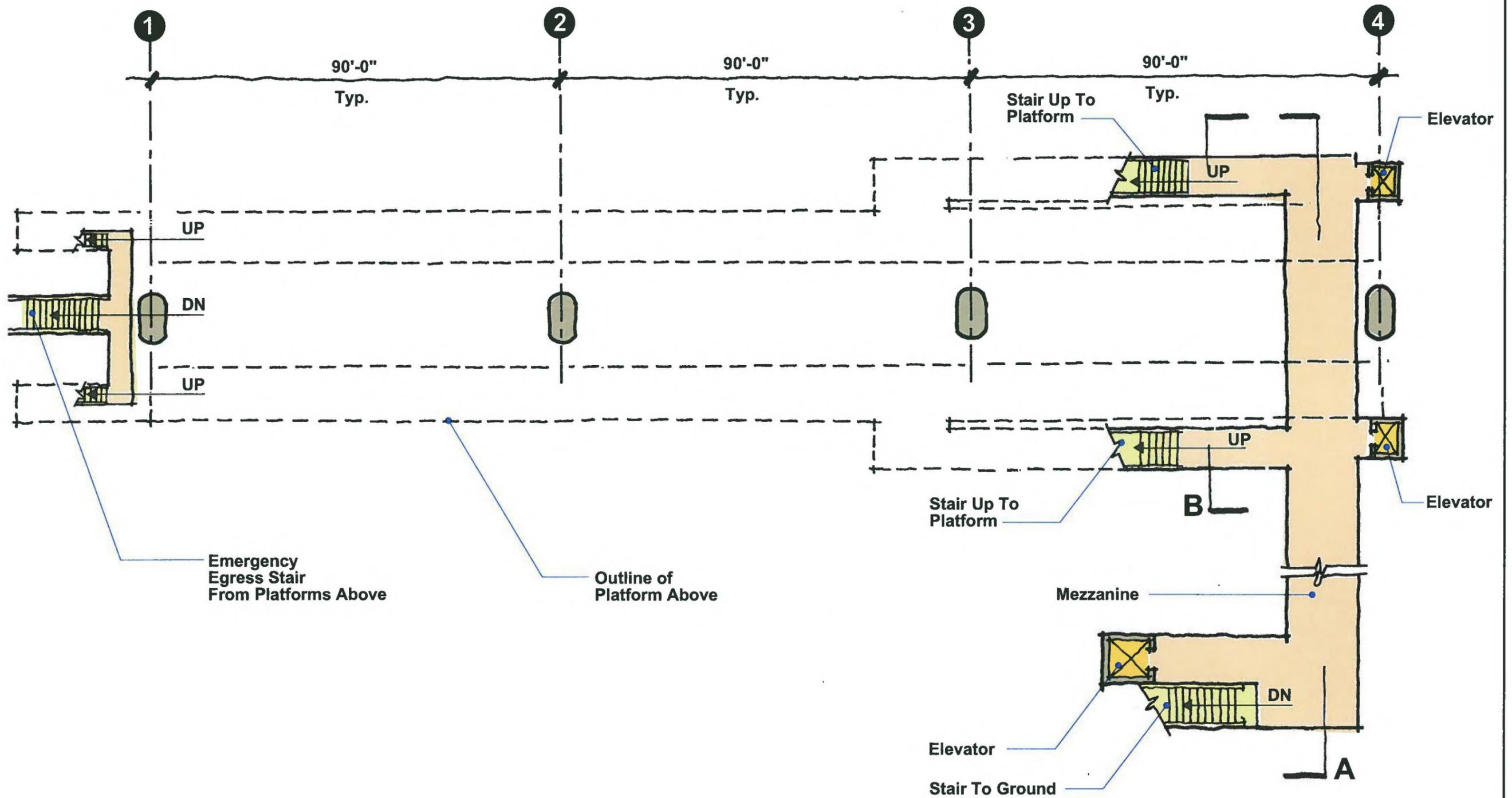


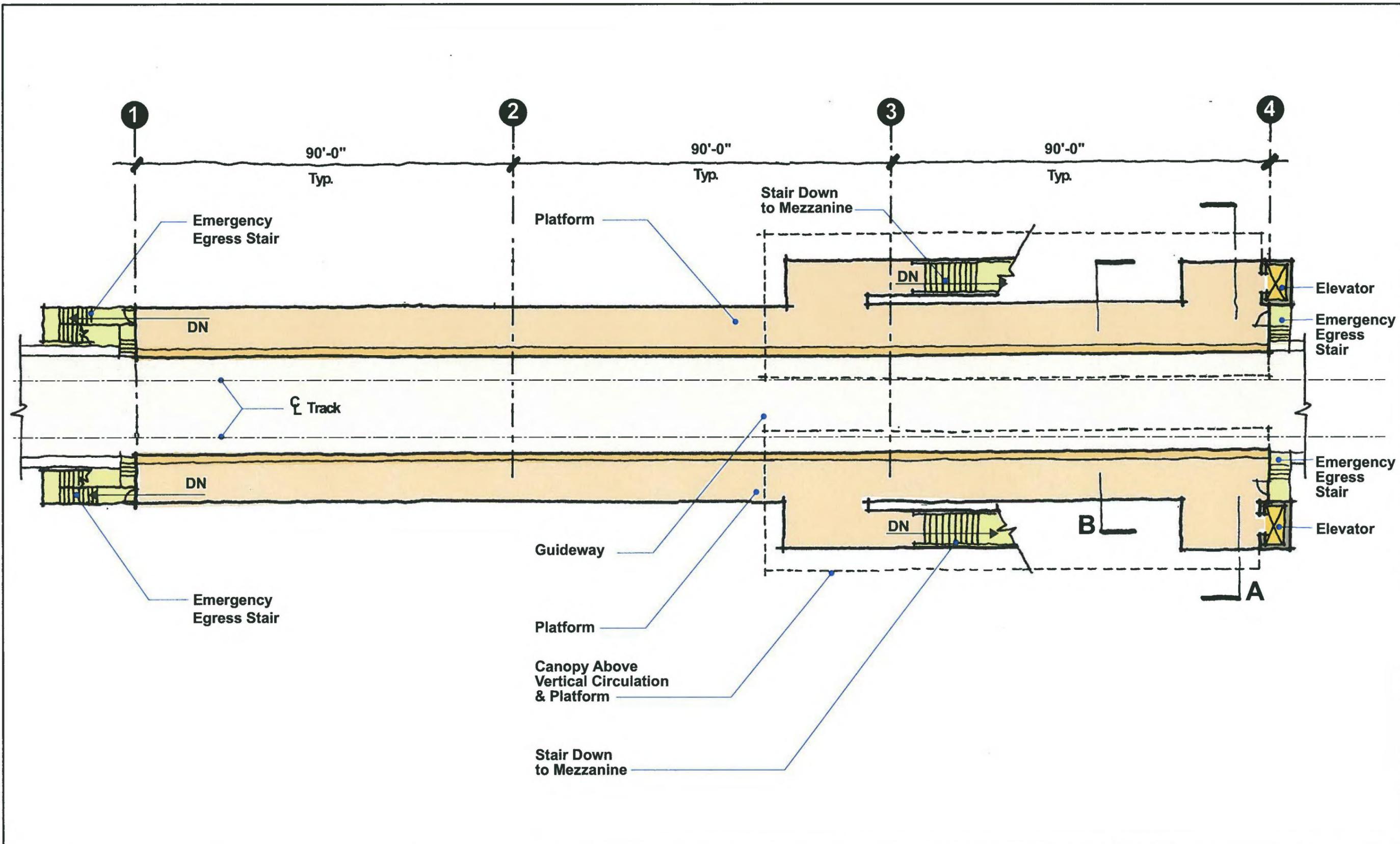


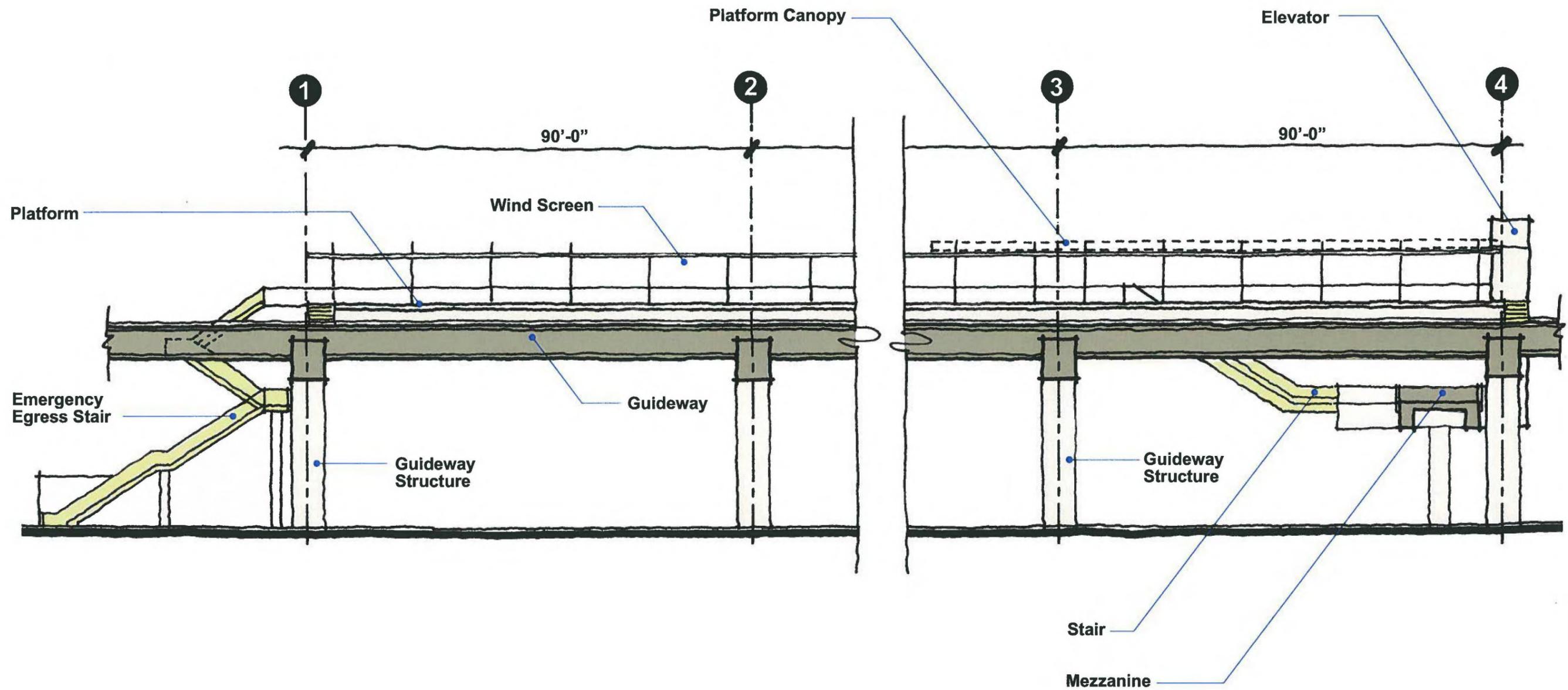


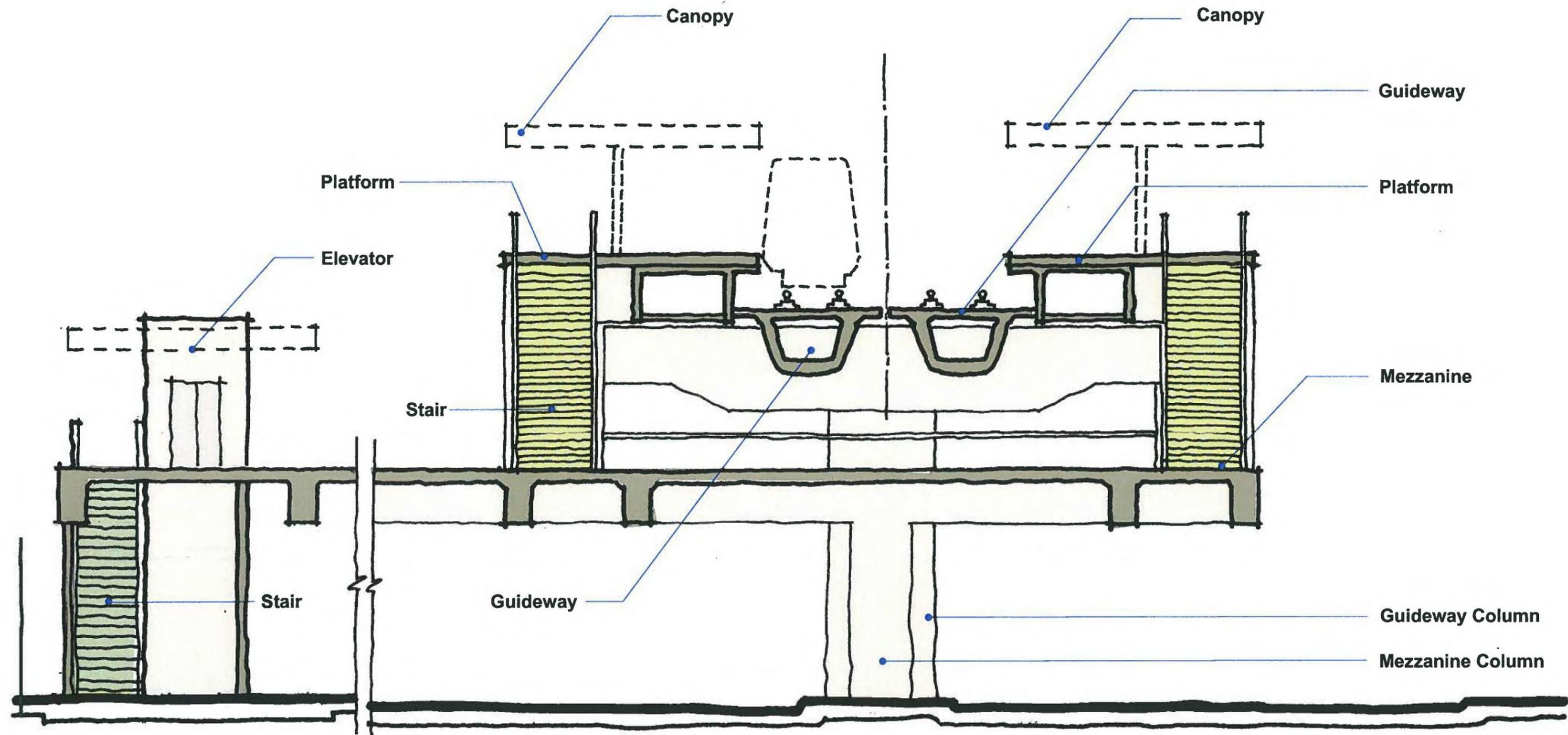
Section A



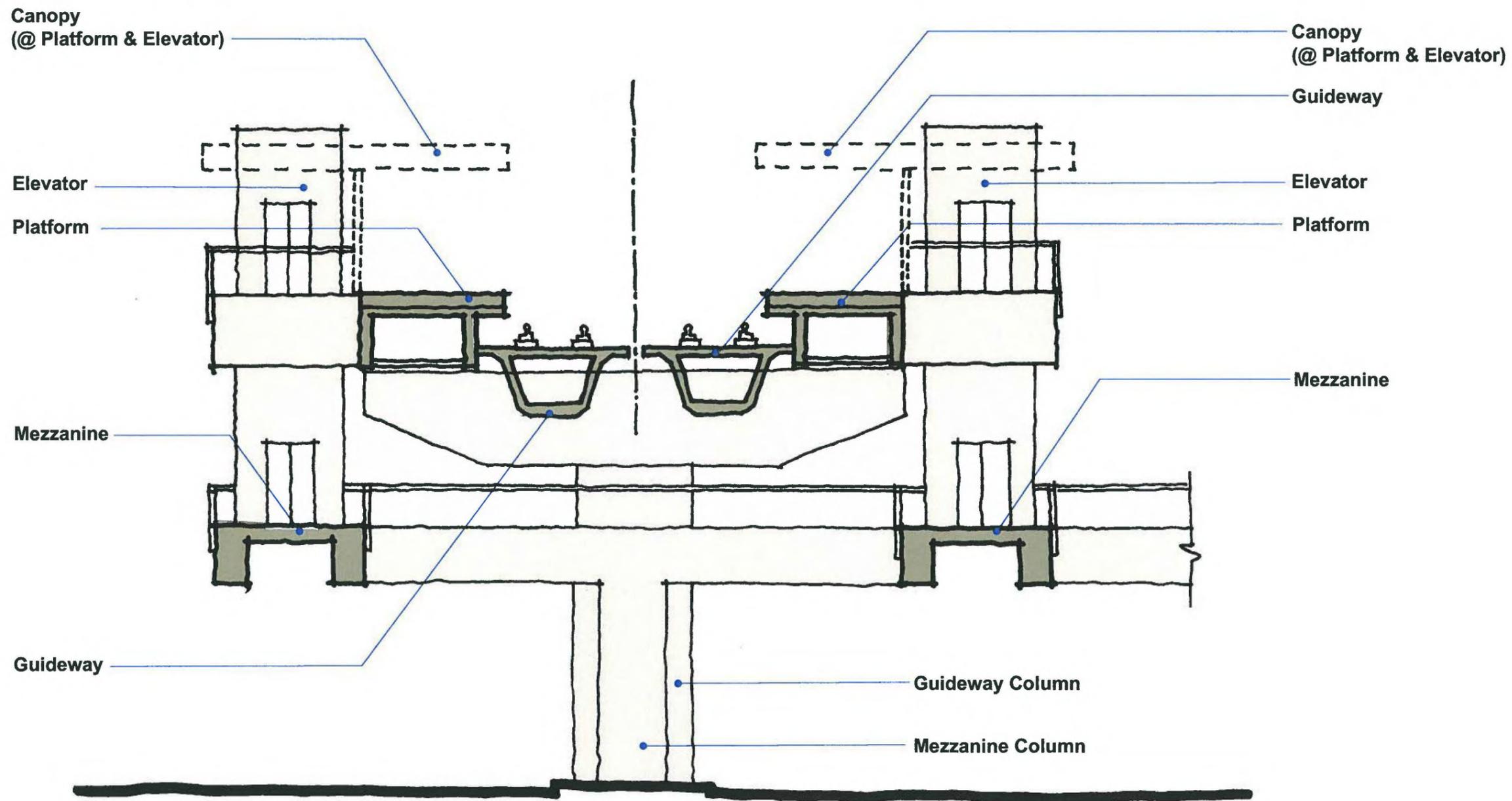




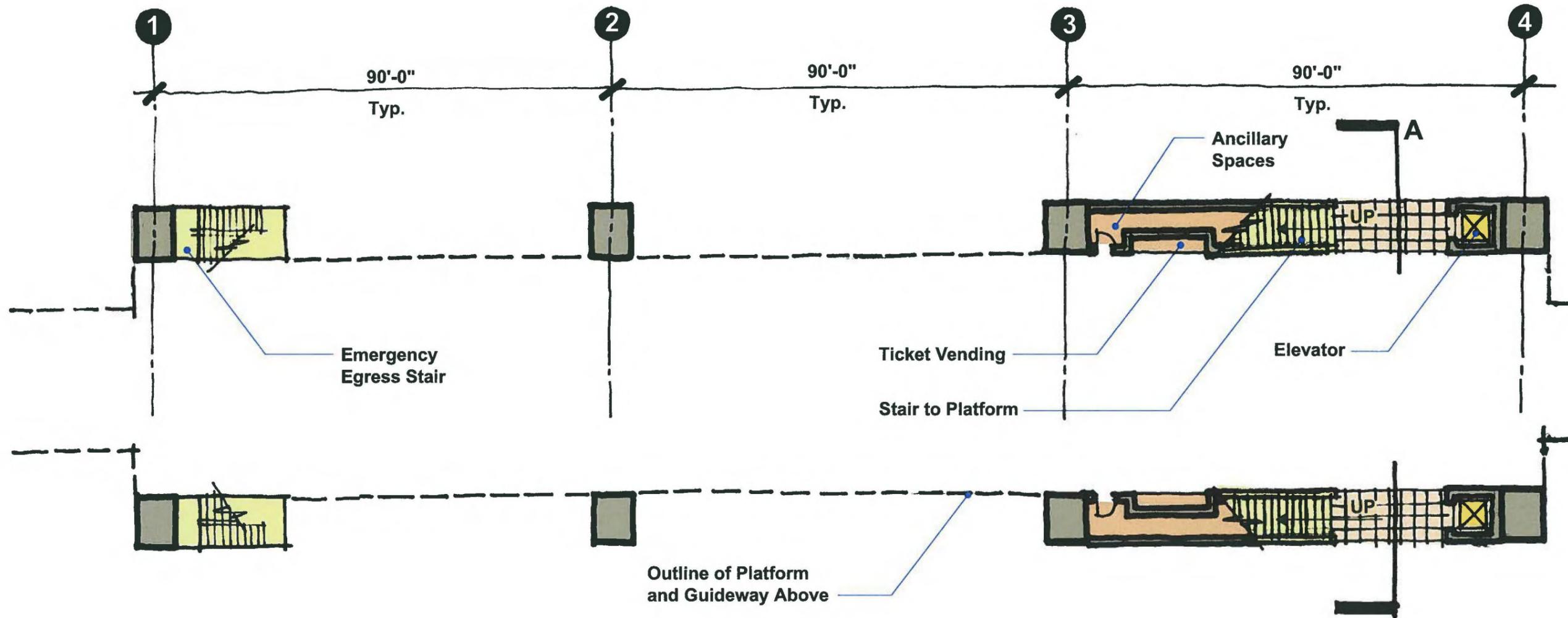


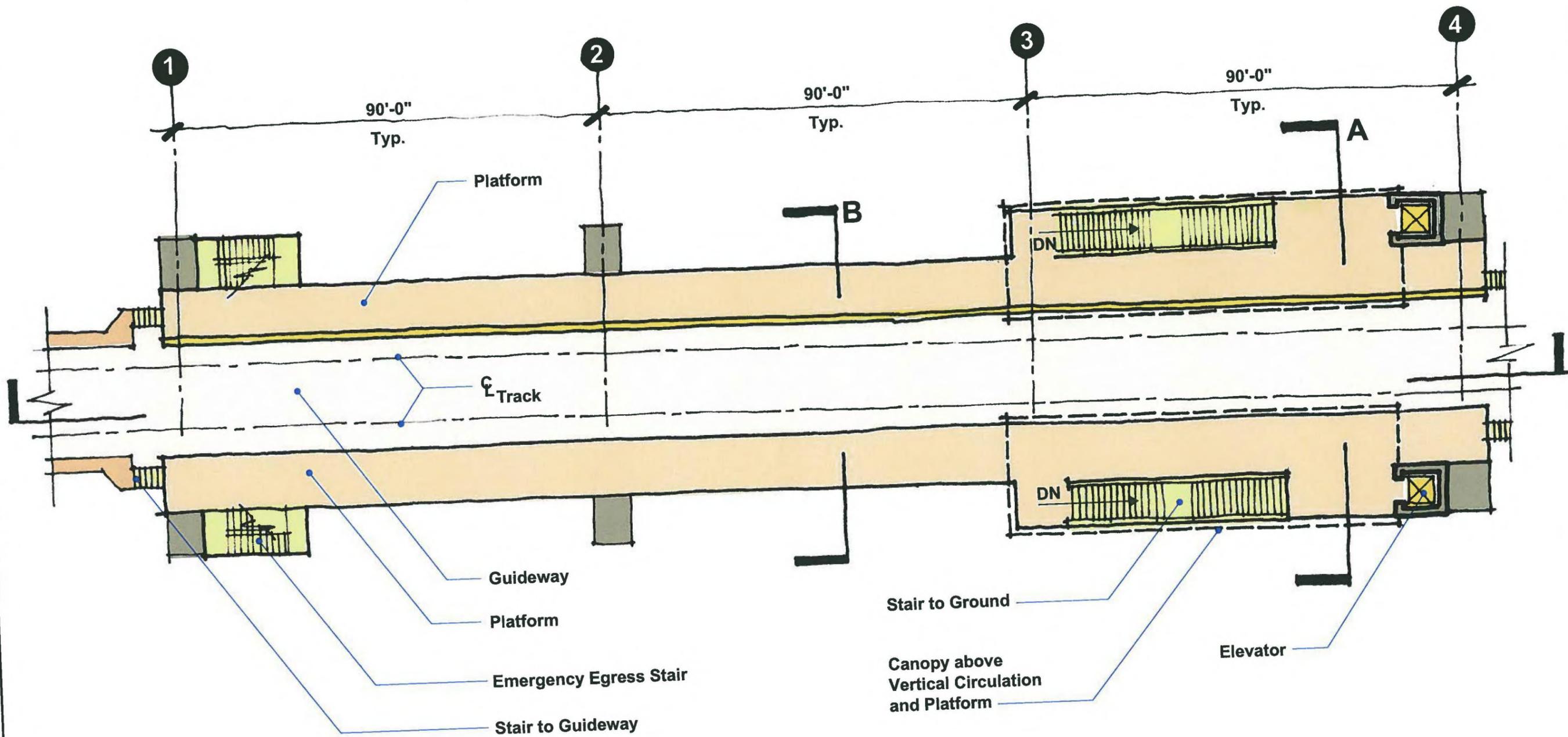


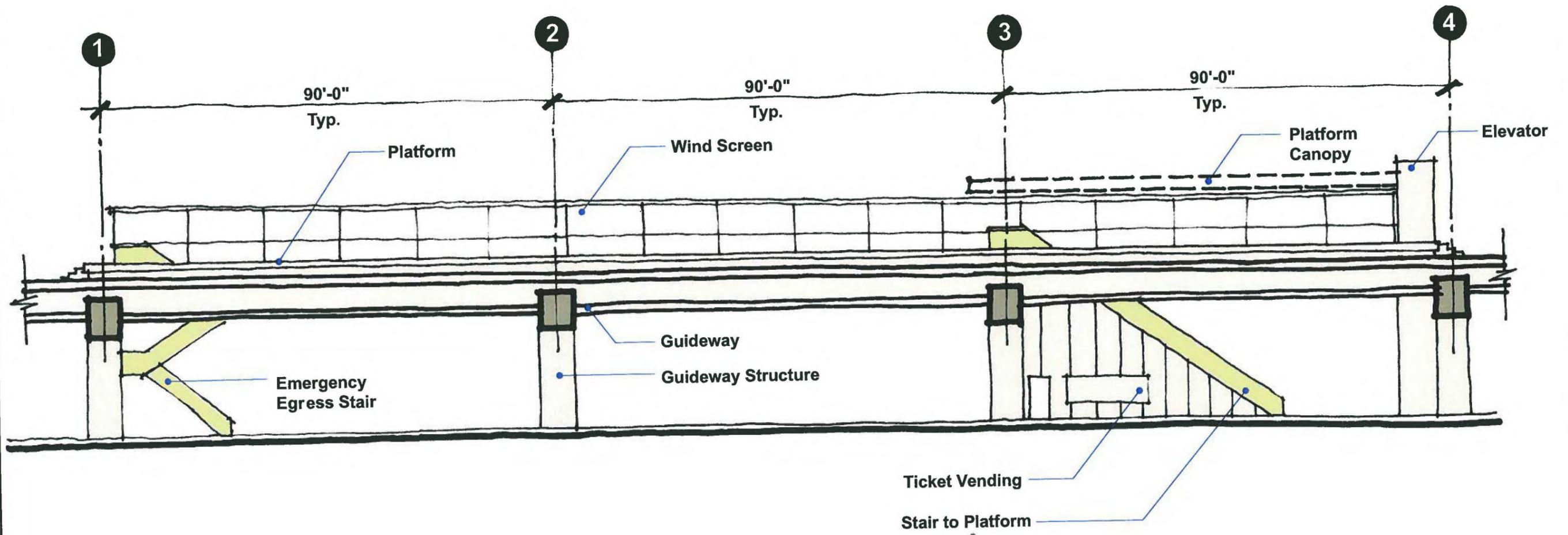
Section A

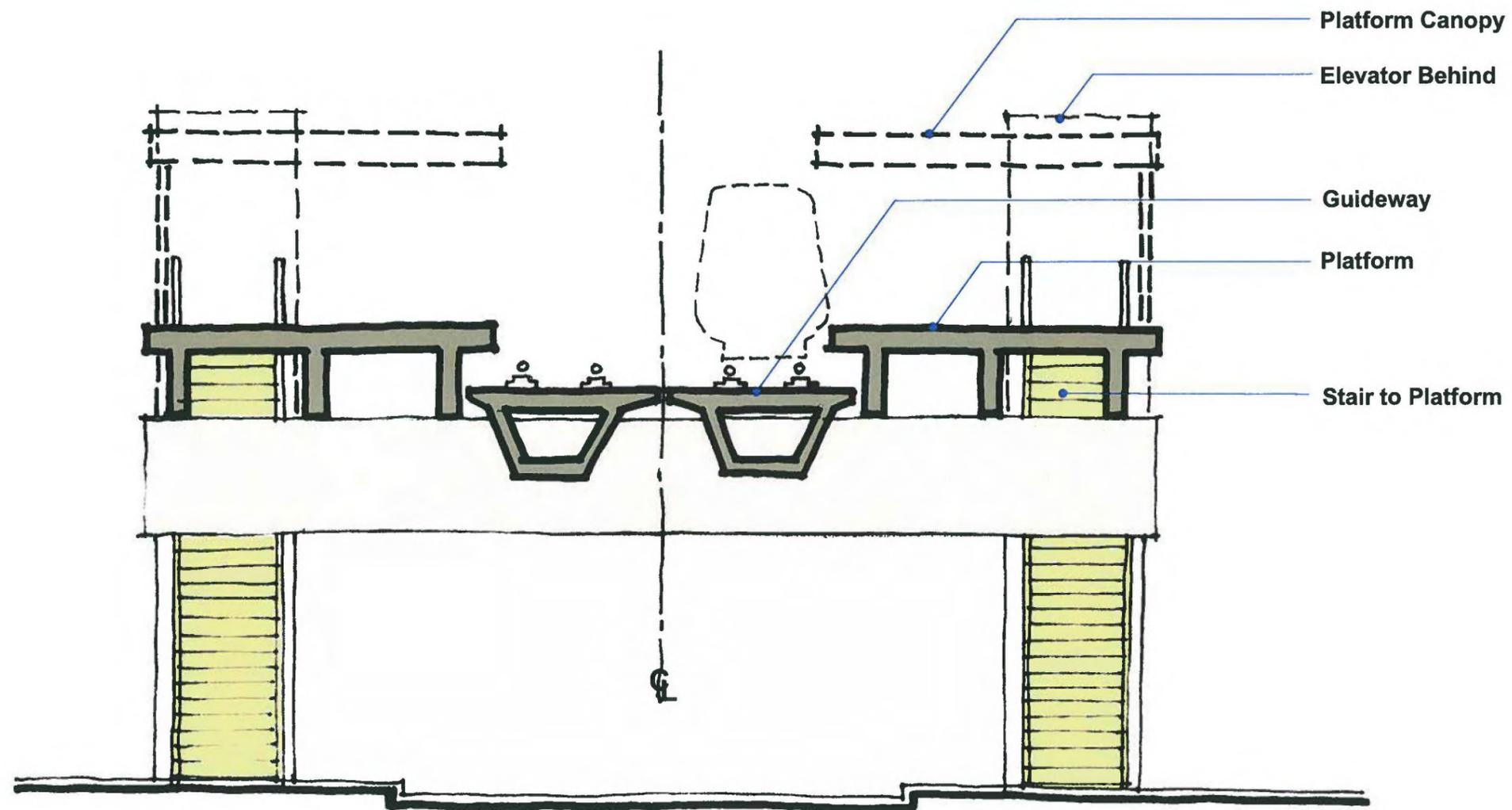


Section B

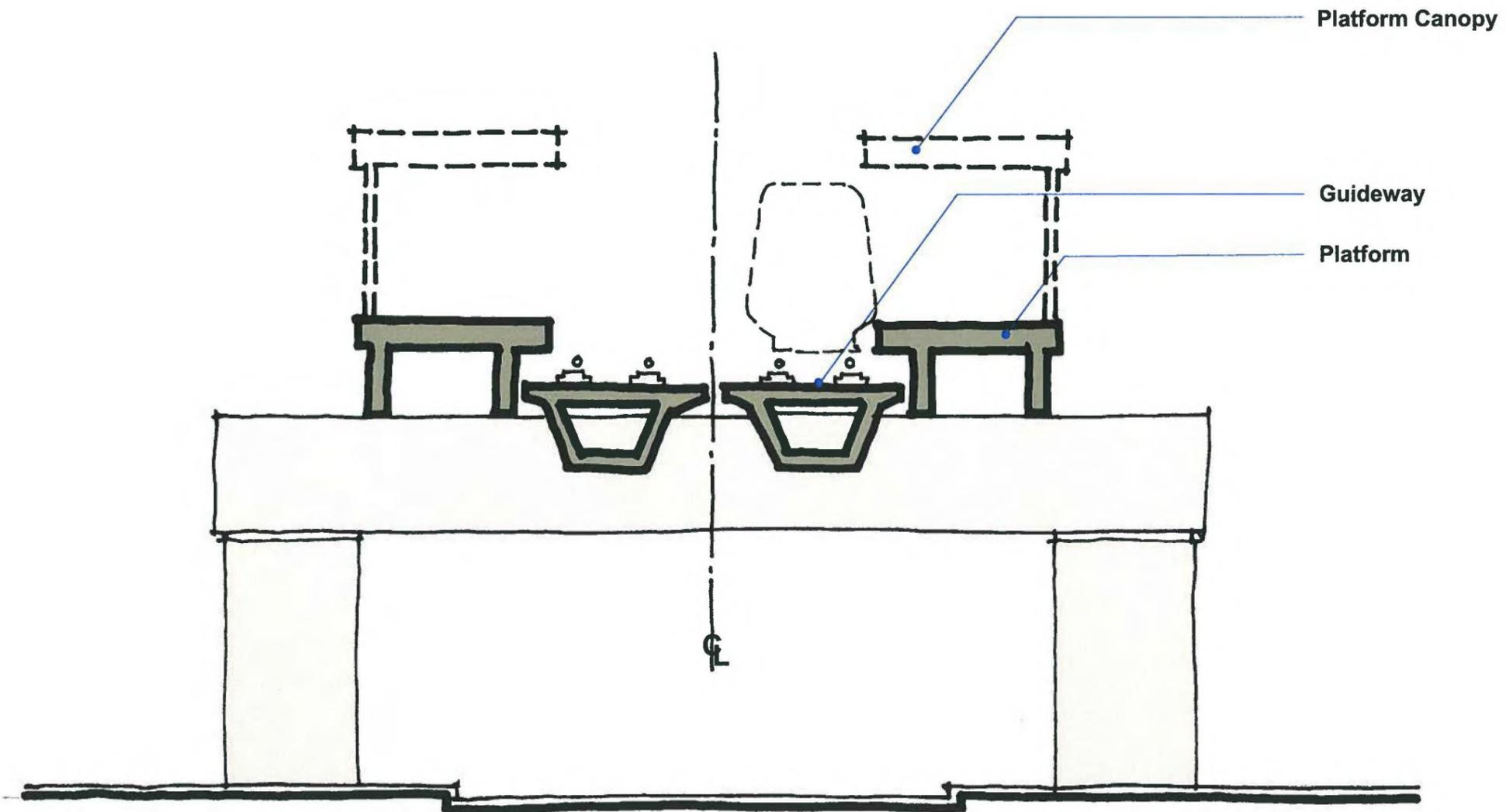




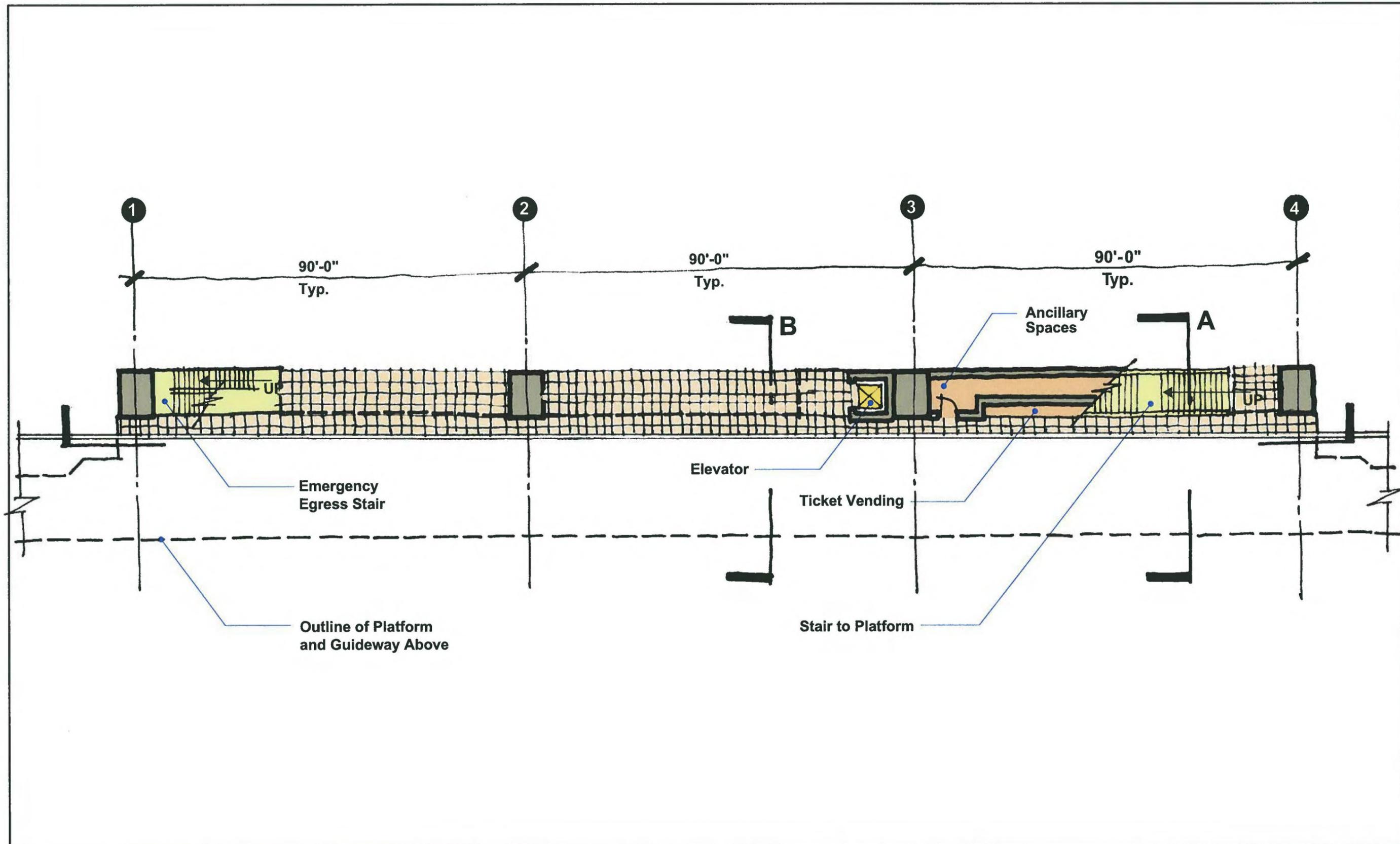


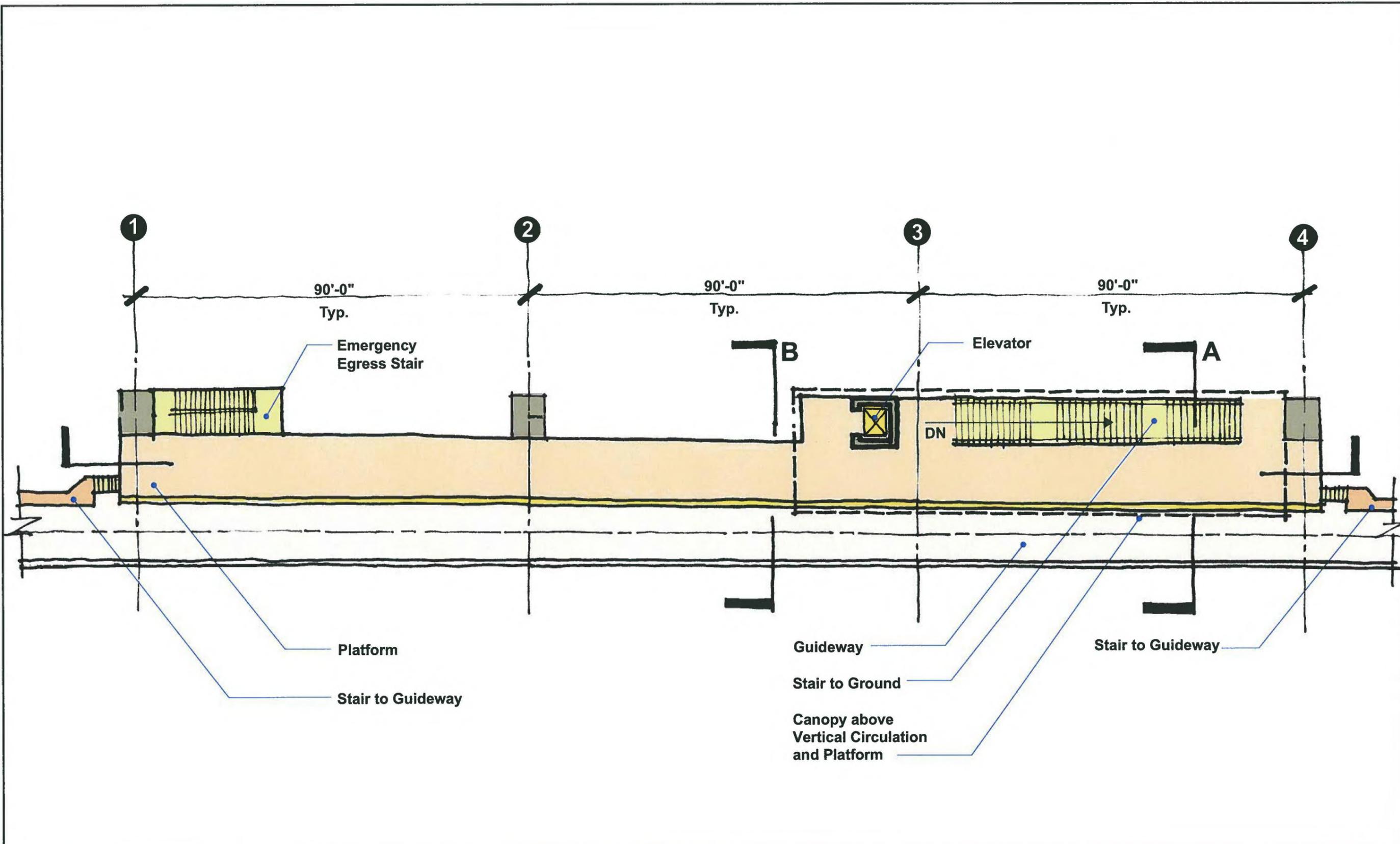


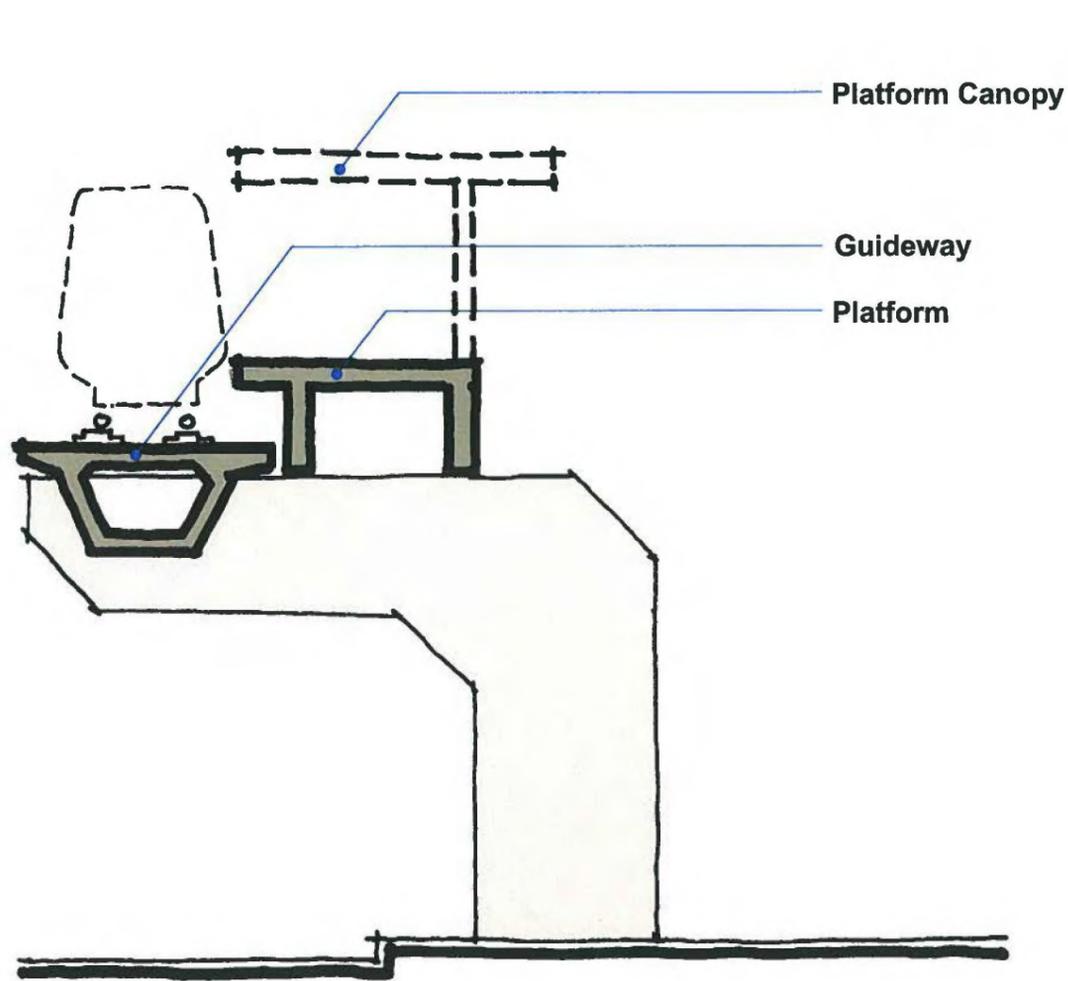
Section A



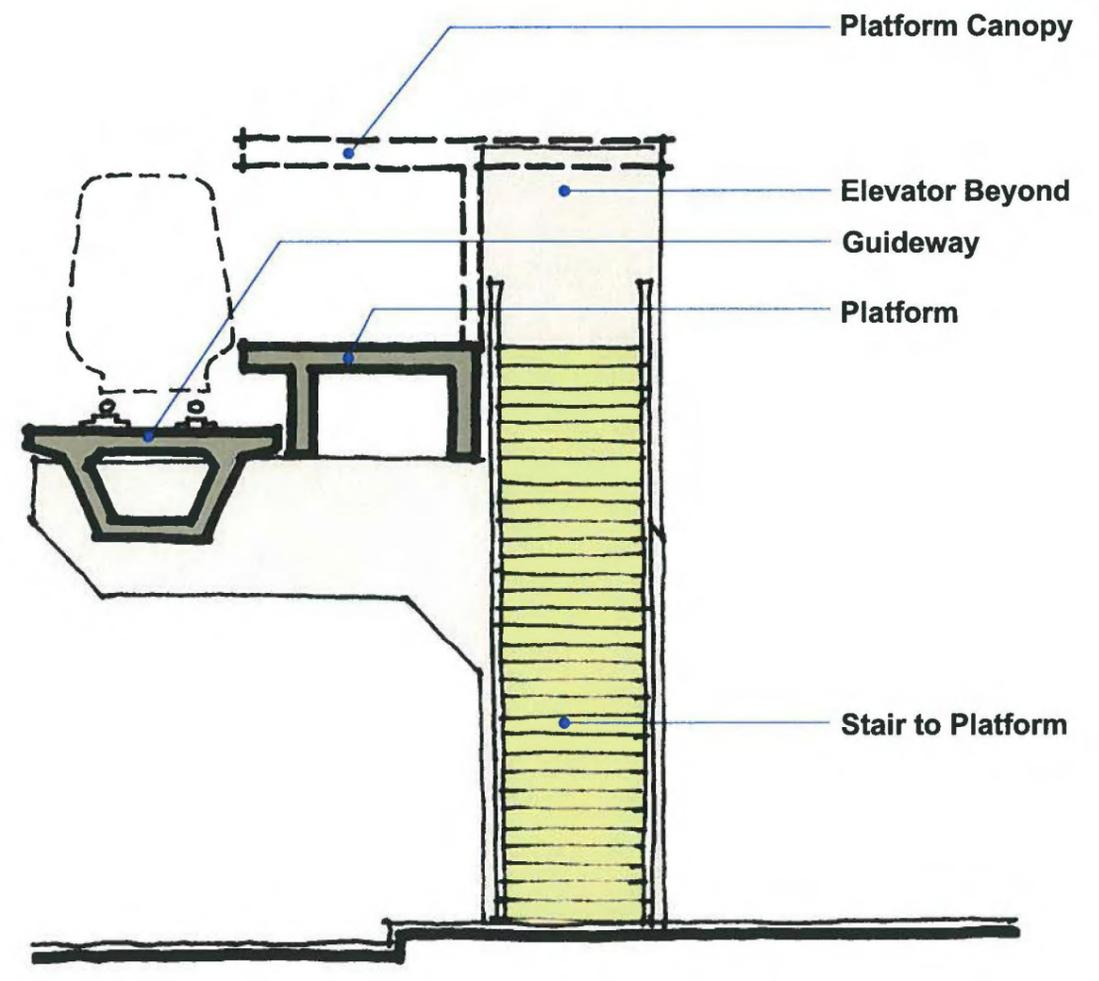
Section B



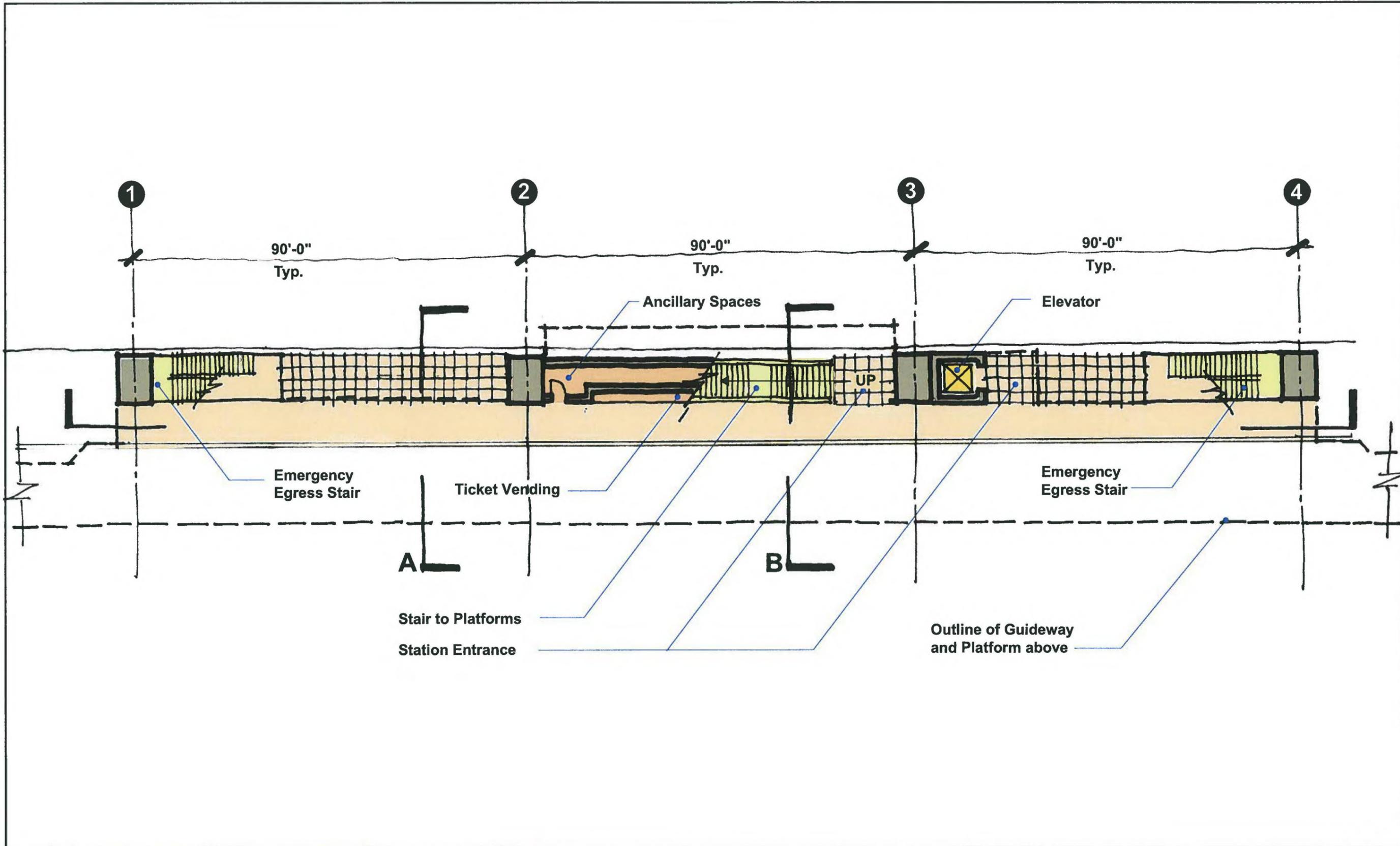


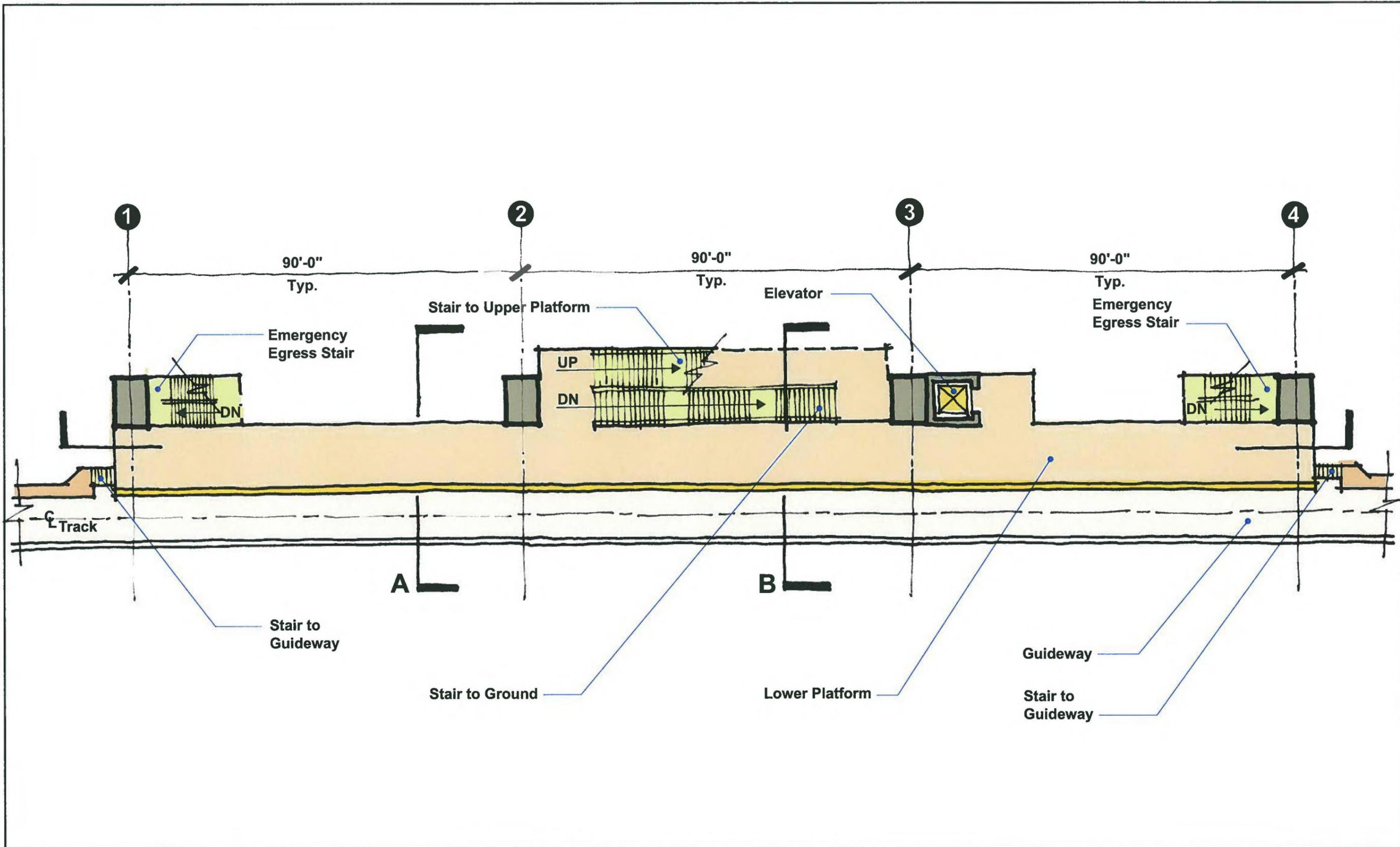


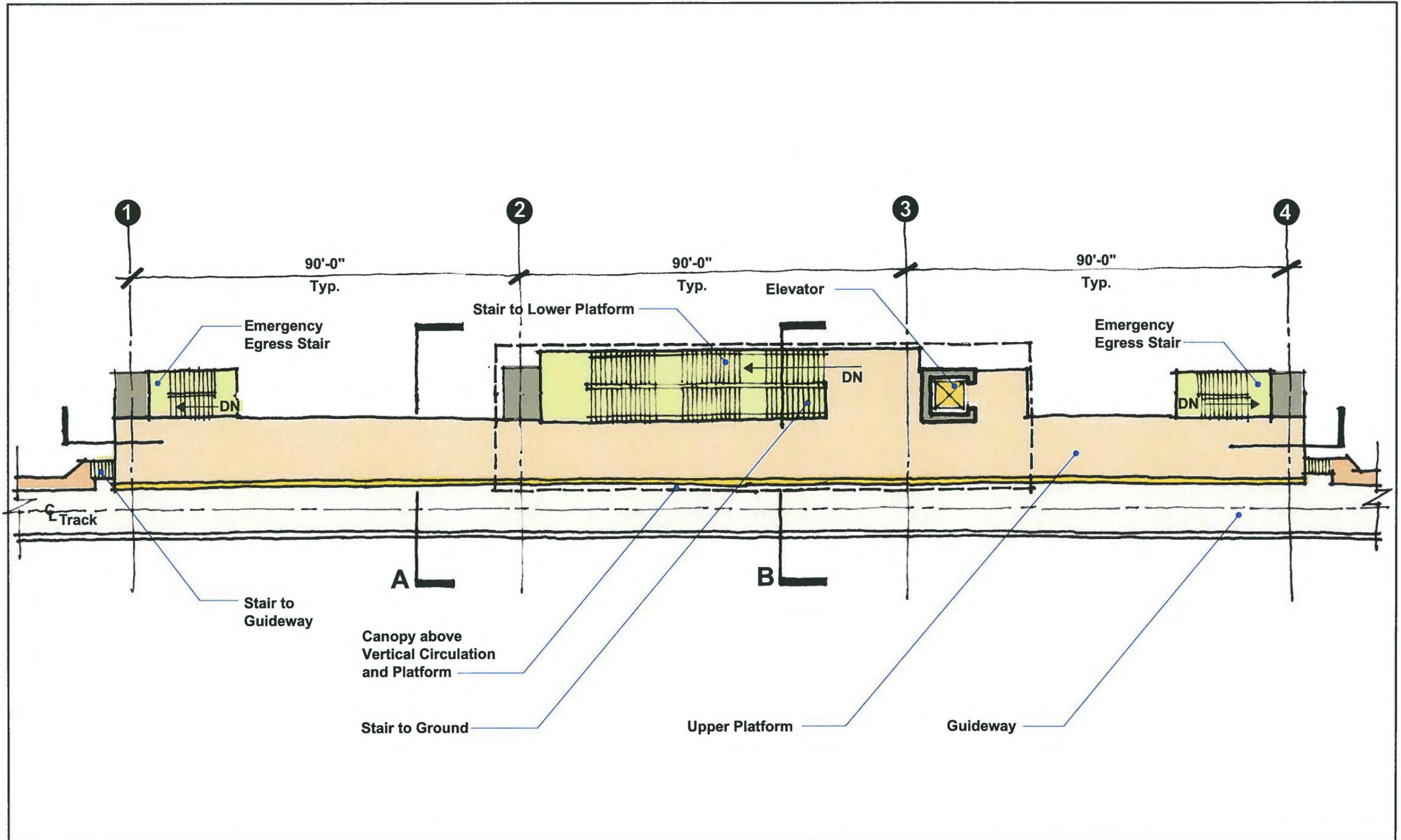
Section A



Section B







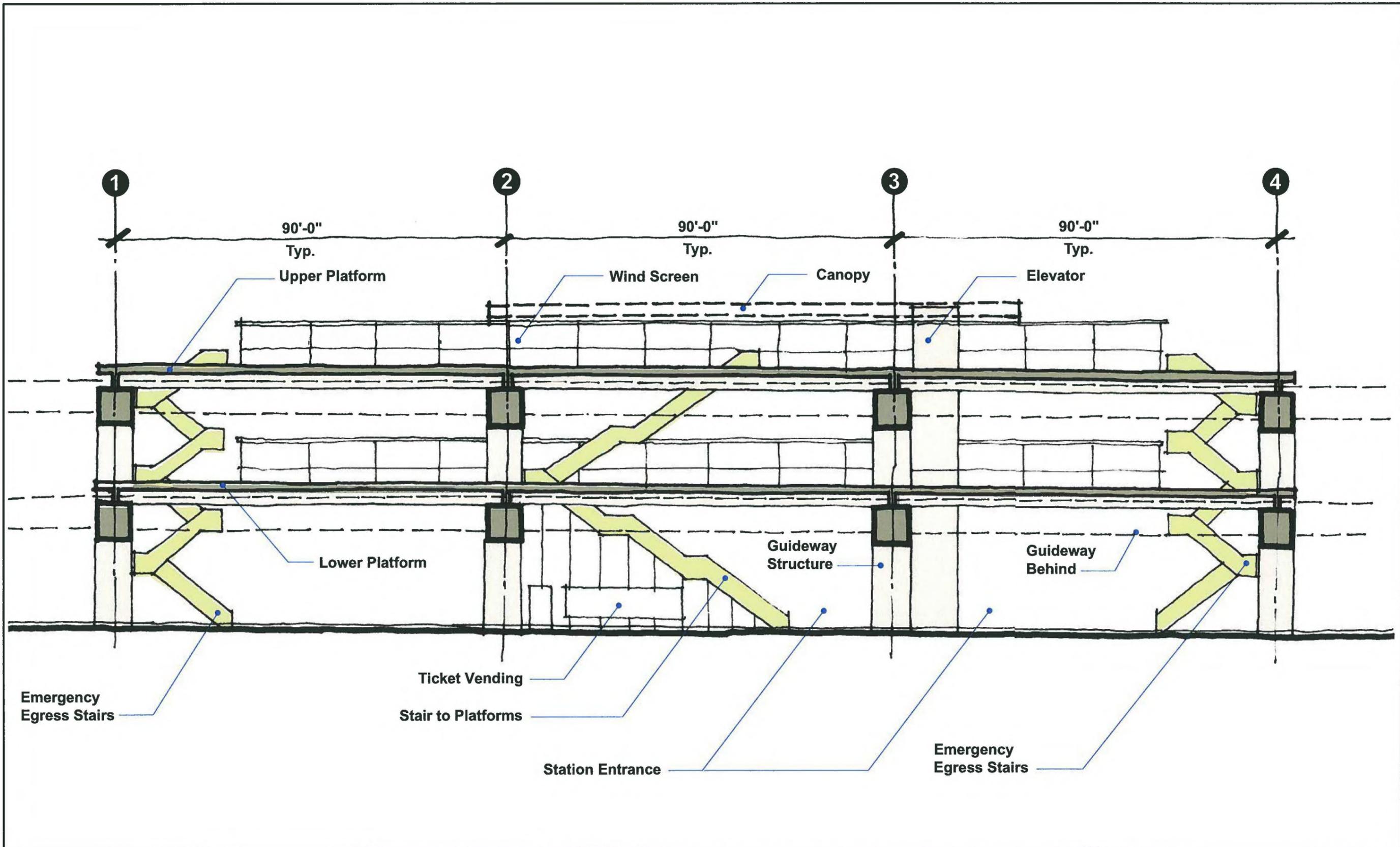
CITY & COUNTY OF HONOLULU
DEPARTMENT OF TRANSPORTATION SERVICES

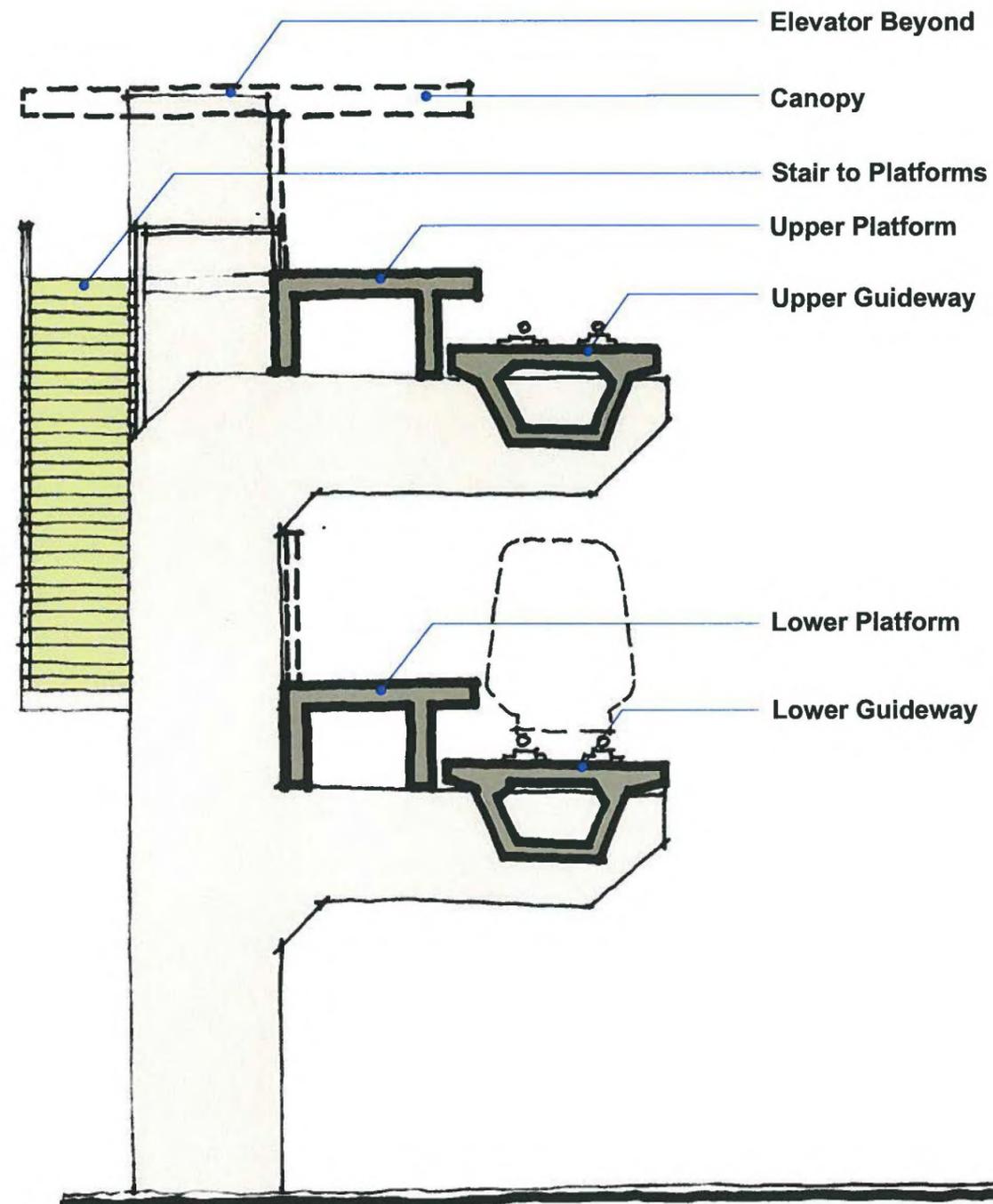
HONOLULU HIGH-CAPACITY TRANSIT
CORRIDOR PROJECT
ALTERNATIVES ANALYSIS

Scale:
0' 5' 10' 20'

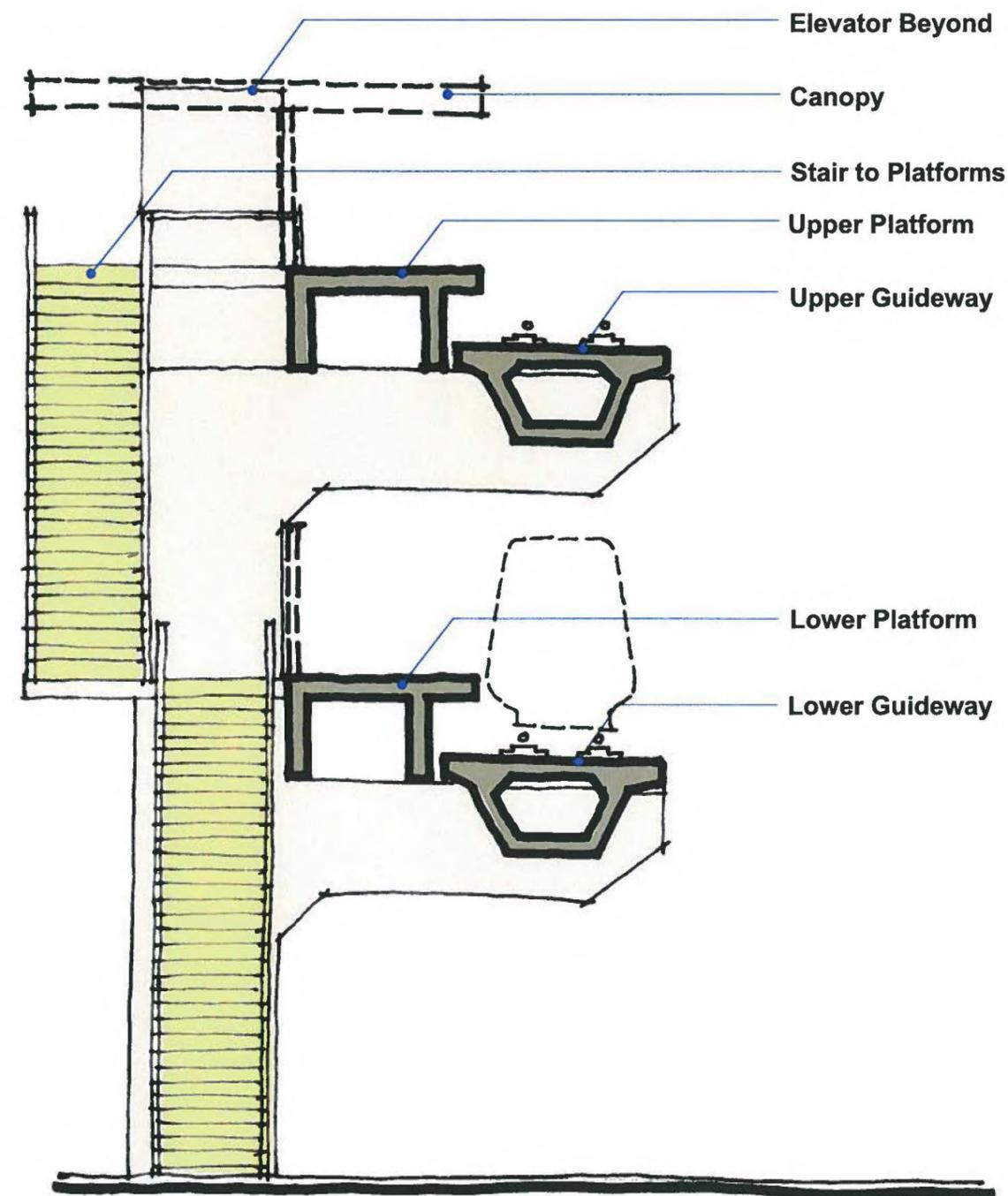
FIXED GUIDEWAY
Aerial Stacked Platform
UPPER LEVEL PLATFORM PLAN

PAGE NO. 39
DRAWING NO. ASP-3
DATE: 11/17/06

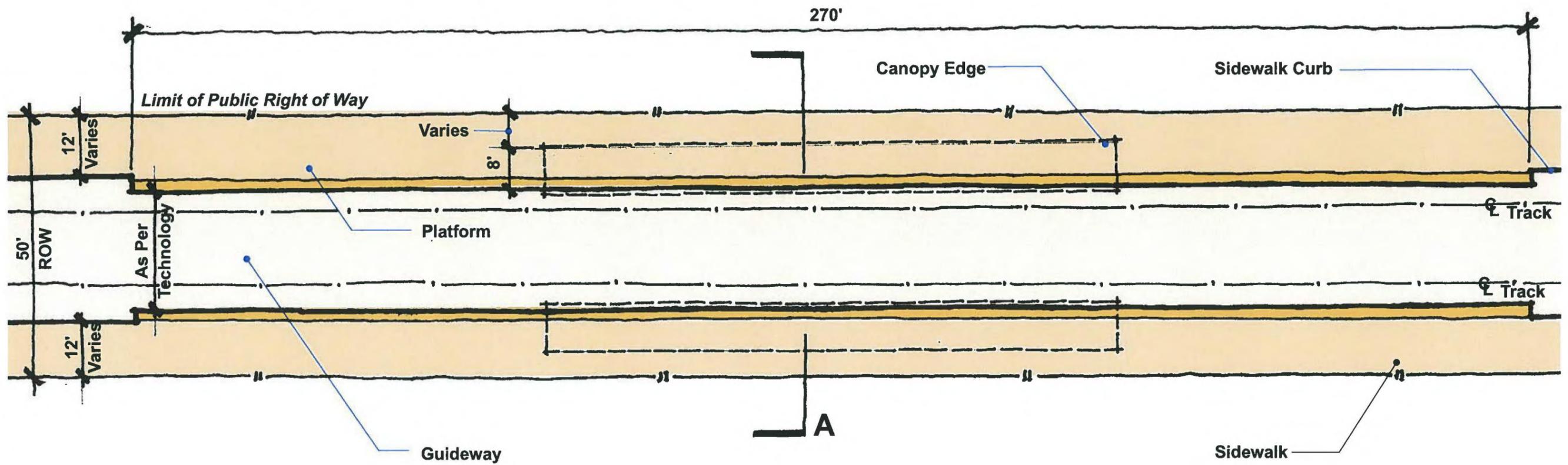


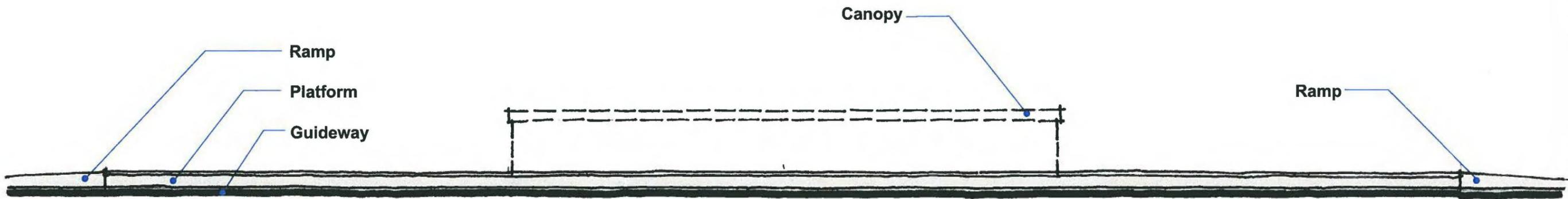


Section A

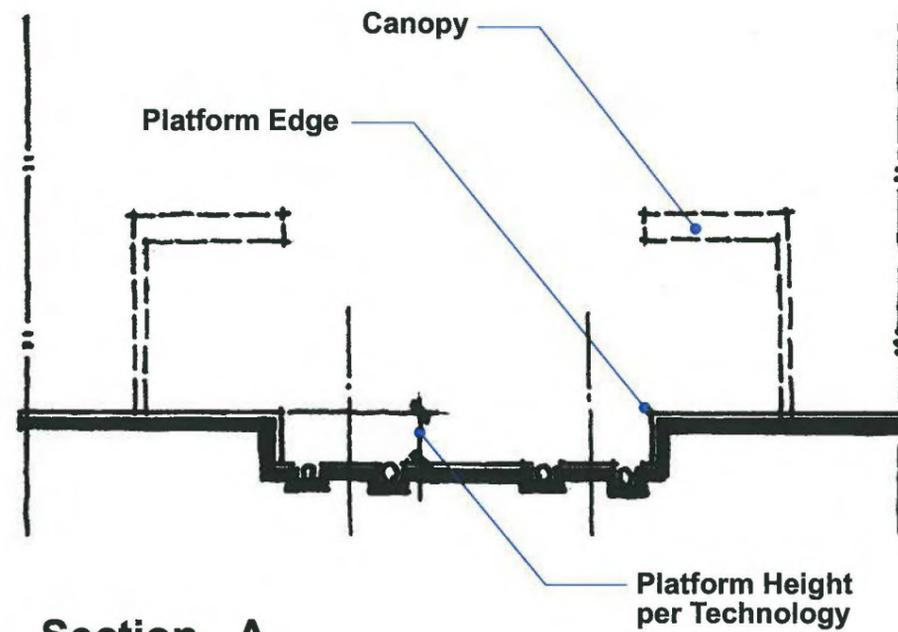


Section B



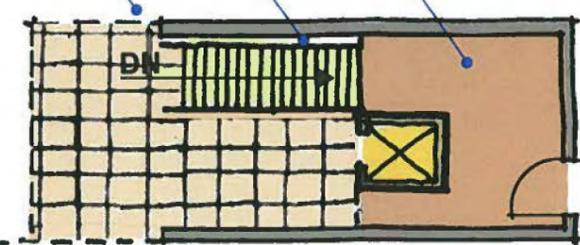


Longitudinal Section

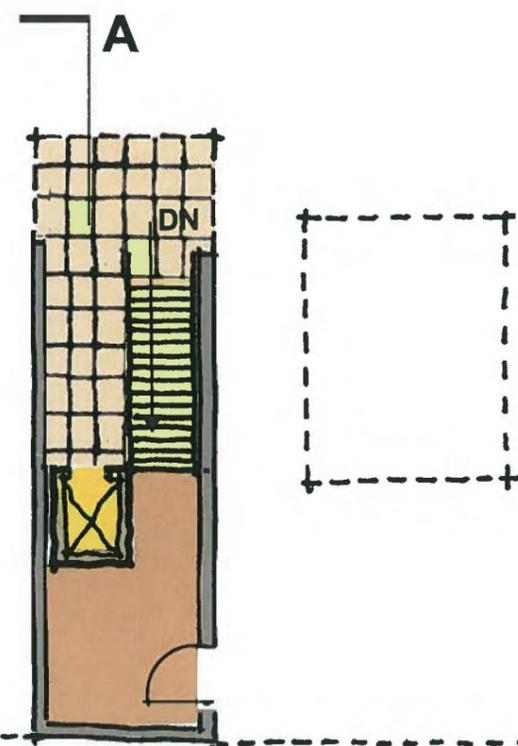


Section A

Vent Shaft
 Ancillary Spaces
 Station Entrance
 Canopy



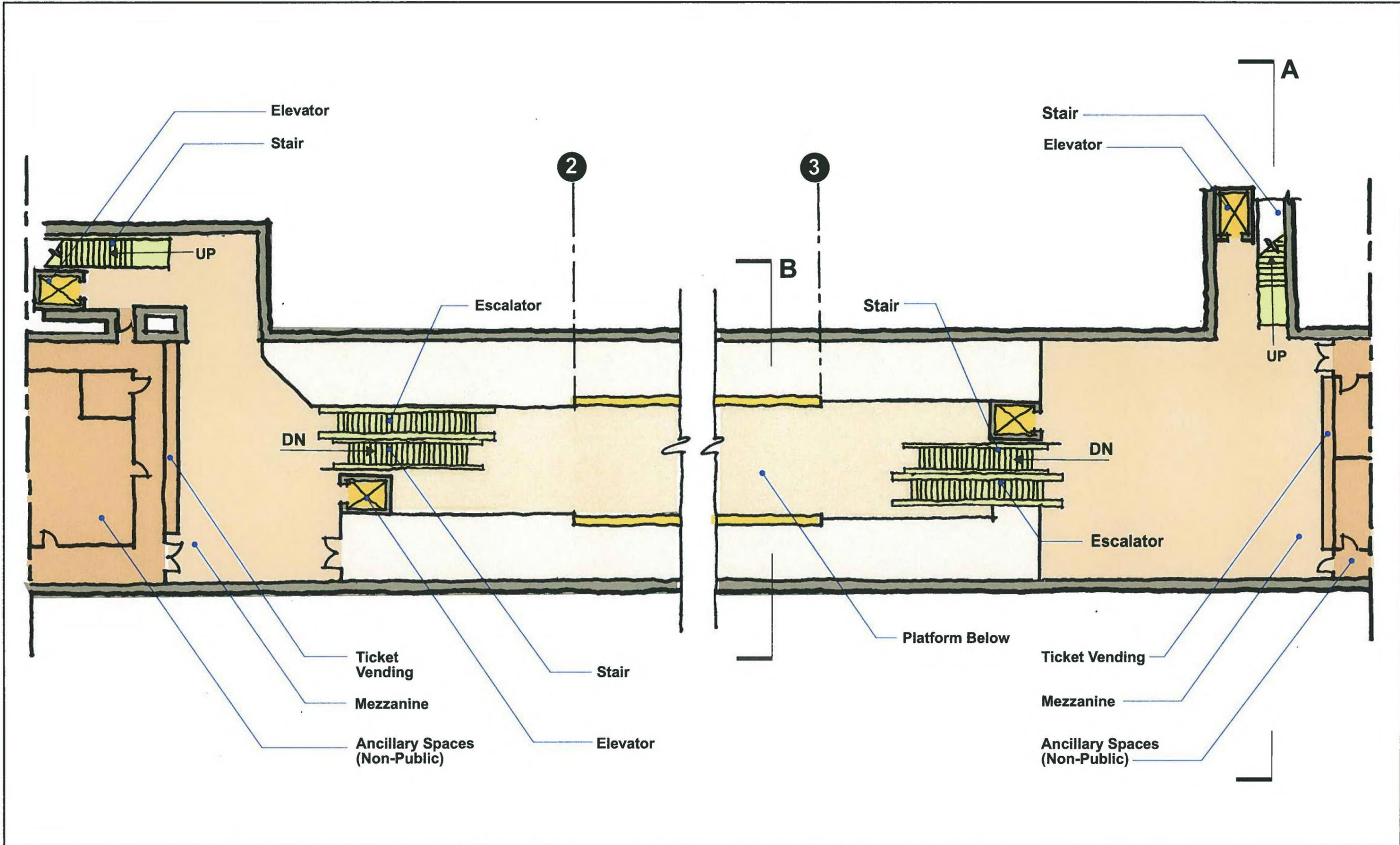
Outline of Station Below

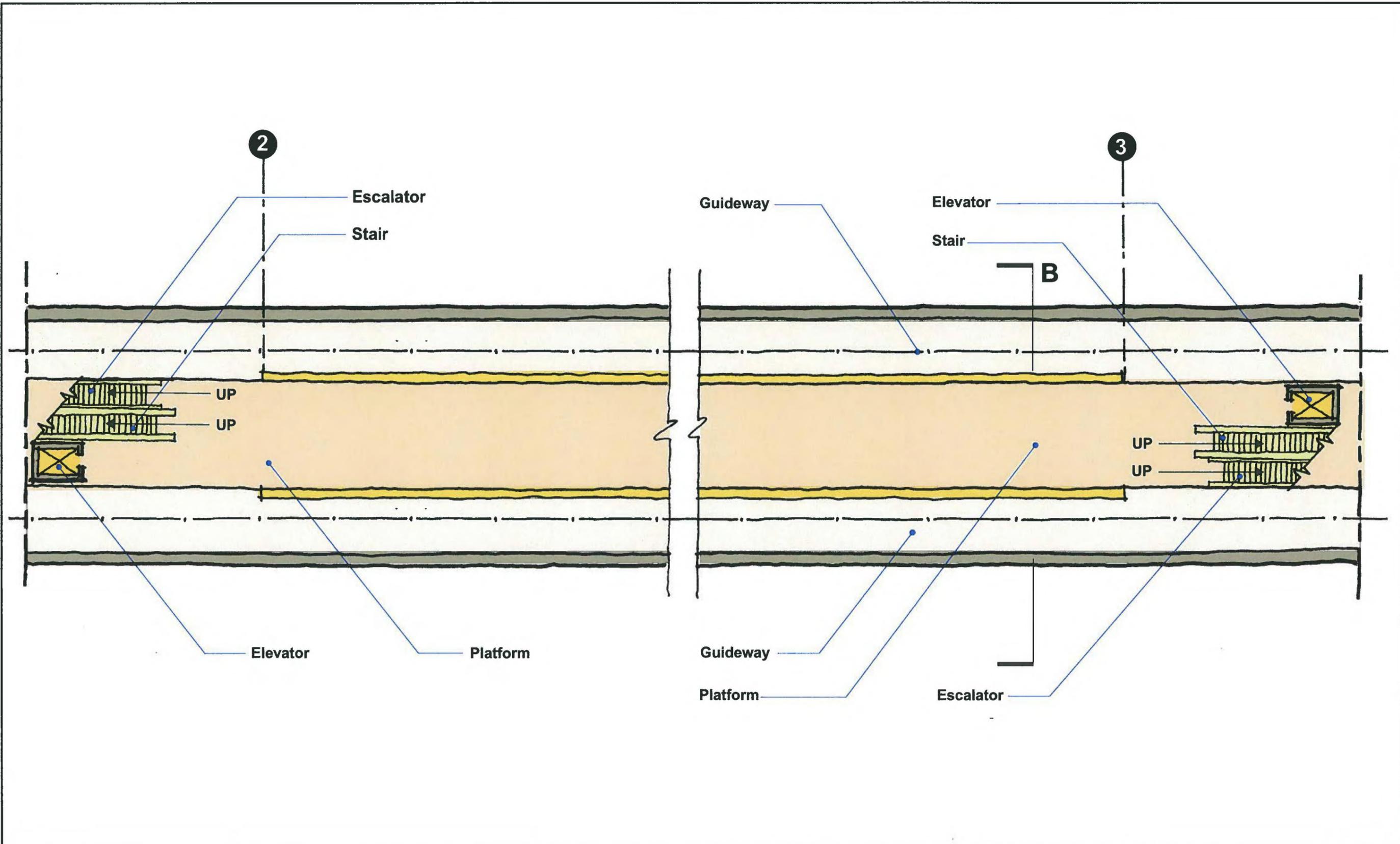


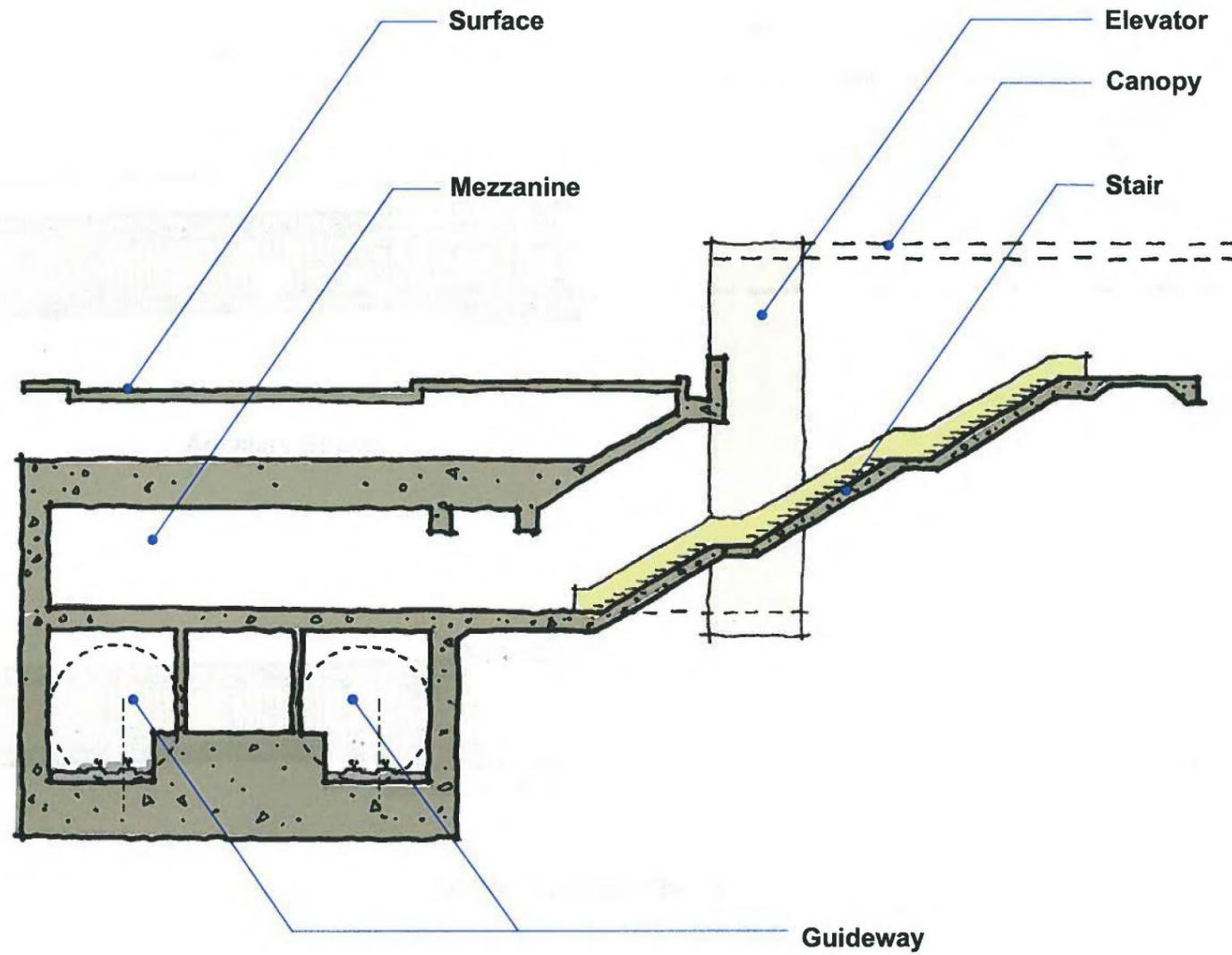
B

A

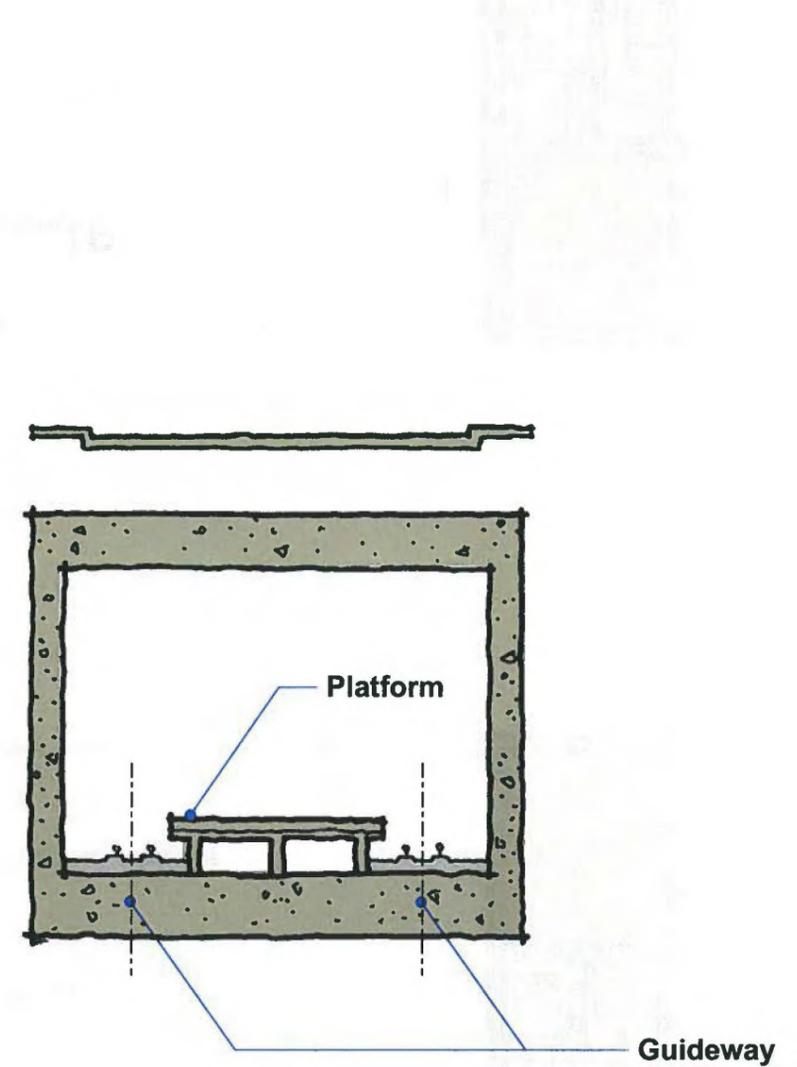
	<p>CITY & COUNTY OF HONOLULU DEPARTMENT OF TRANSPORTATION SERVICES</p>	<p>HONOLULU HIGH-CAPACITY TRANSIT CORRIDOR PROJECT ALTERNATIVES ANALYSIS</p>	<p>Scale: </p>	<p>FIXED GUIDEWAY Underground Center Platform with Mezzanine GROUND LEVEL PLAN</p>	<p>PAGE NO. 44 DRAWING NO. UCPM-1 DATE: 11/17/06</p>
--	---	--	---------------------	--	---



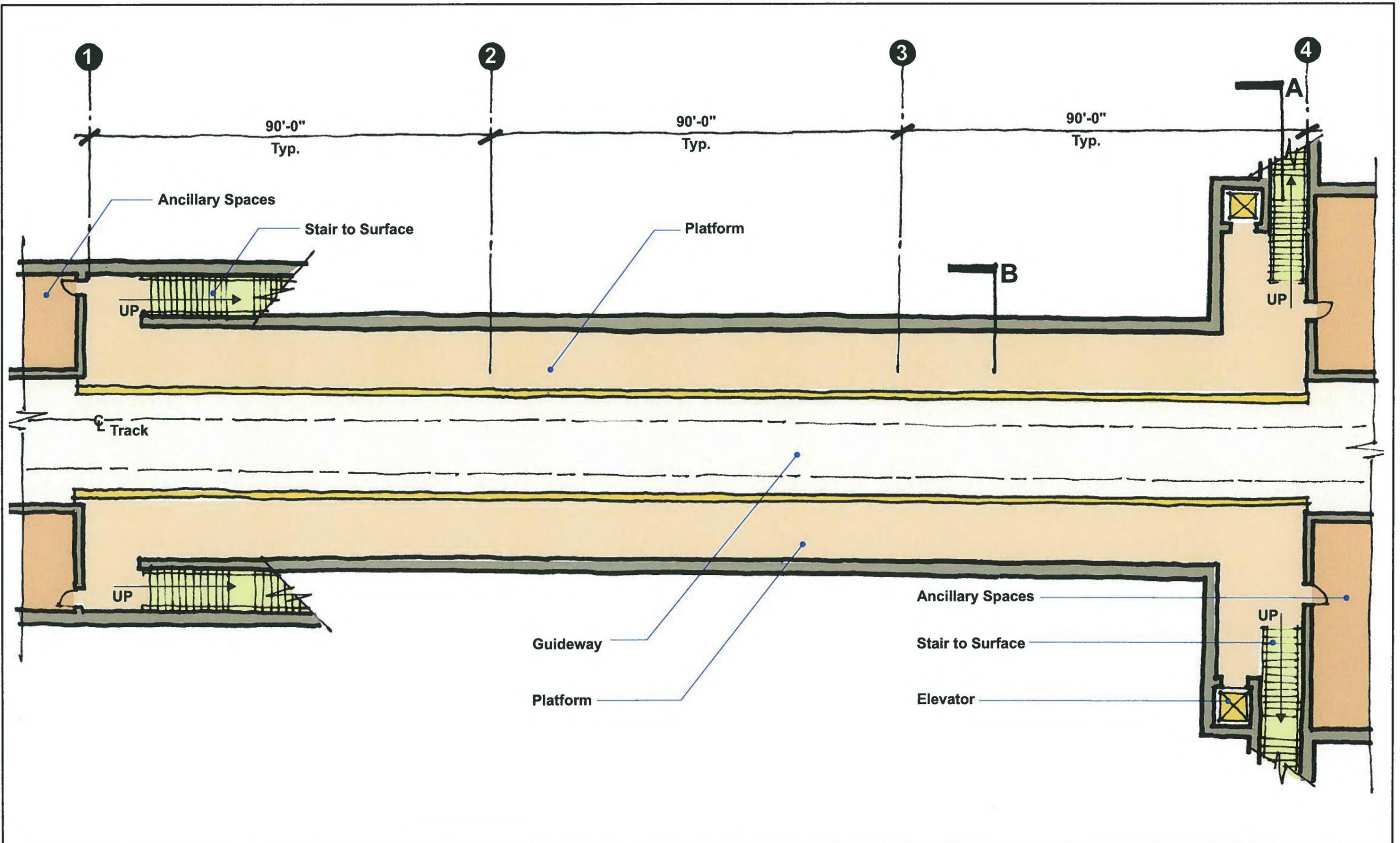


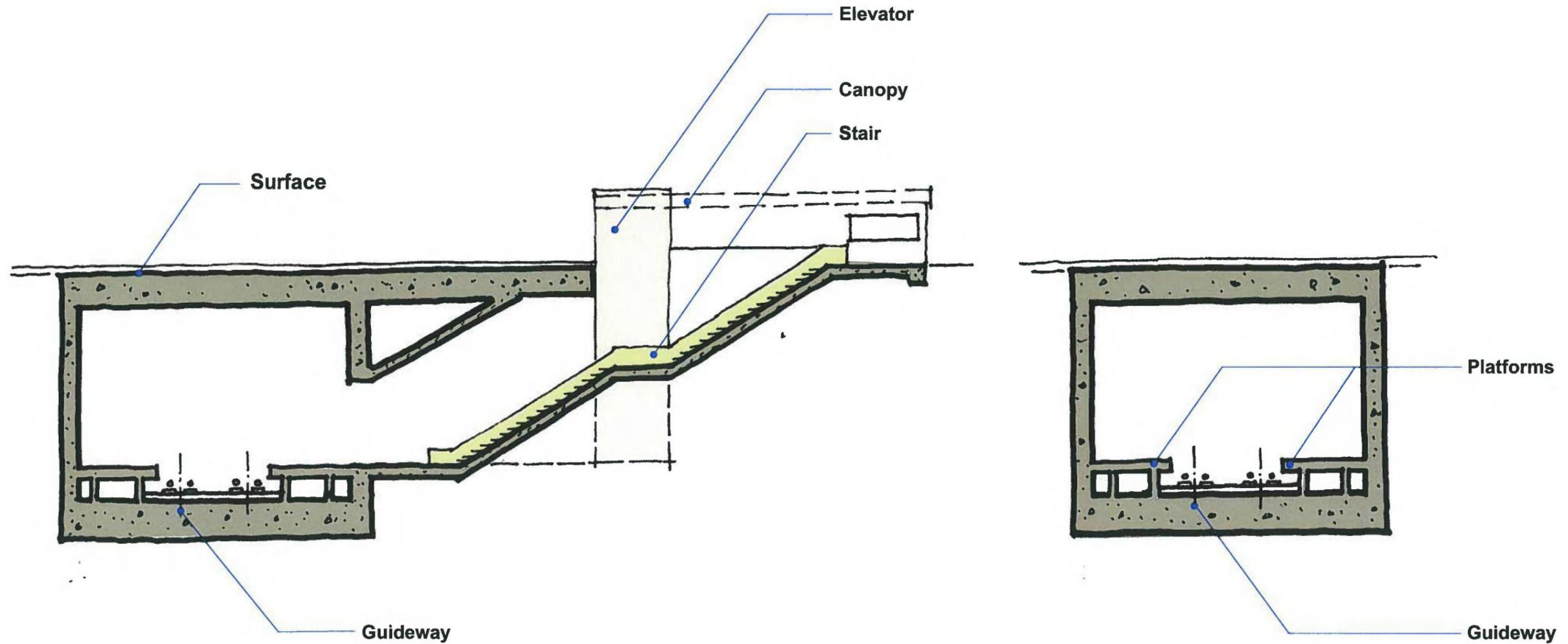


Section A



Section B





Section A

Section B