

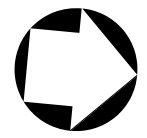
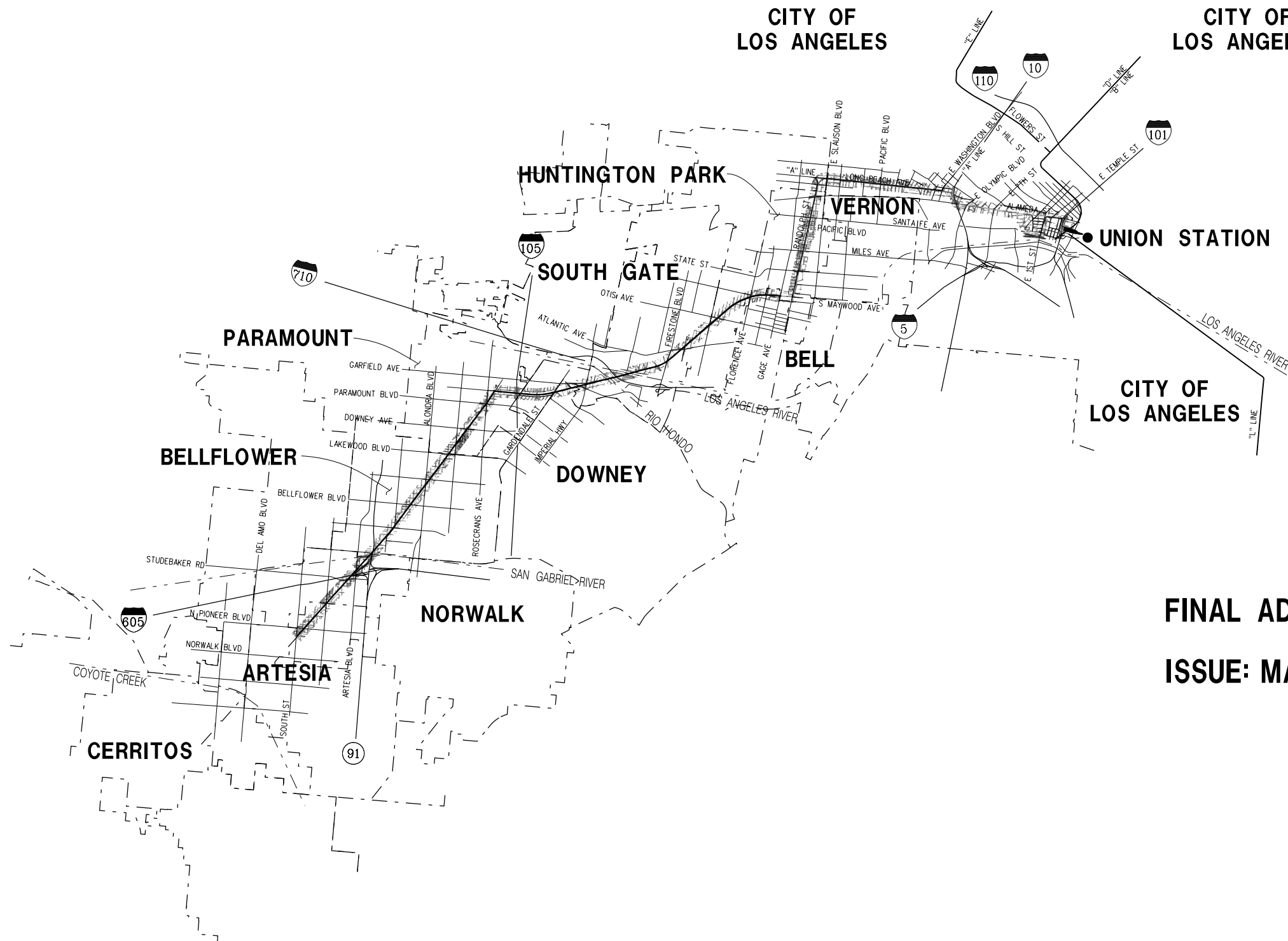
West Santa Ana Branch Transit Corridor

Final EIS/EIR Appendix B: Final Advanced Conceptual Alignment Design
Part 2

If you experience difficulty accessing the information in this document,
please contact: Phone (213) 922-6262 or email sgl@metro.net



Metro



FINAL ADVANCED CONCEPTUAL STATIONS DESIGN
ISSUE: MARCH 2024

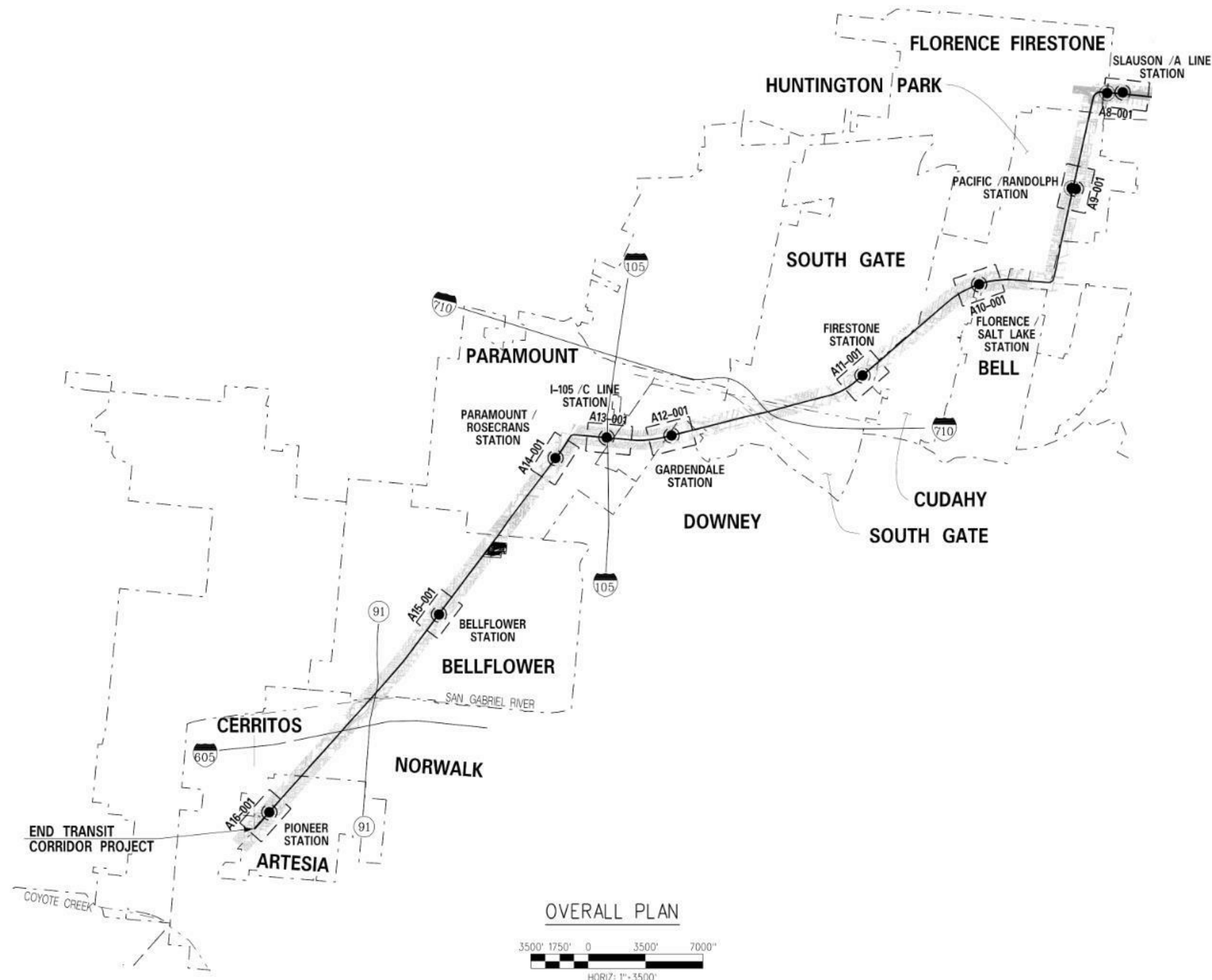
NOT FOR CONSTRUCTION

WEST SANTA ANA BRANCH TRANSIT CORRIDOR PROJECT

515 Figueroa Street
Suite 1400
Los Angeles, CA 90071
TEL (213) 362-9470



LOS ANGELES COUNTY
METROPOLITAN TRANSPORTATION AUTHORITY



FINAL ADVANCED CONCEPTUAL STATIONS DESIGN

NOT FOR CONSTRUCTION

THE PREPARATION OF THIS DRAWING HAS BEEN FINANCED IN PART THROUGH A GRANT FROM THE U.S. DEPARTMENT OF TRANSPORTATION FEDERAL TRANSIT ADMINISTRATION (FTA), UNDER THE FEDERAL TRANSIT ACT OF 1964, AS AMENDED, AND IN PART BY THE TAXES OF THE CITIZENS OF LOS ANGELES COUNTY AND OF THE STATE OF CALIFORNIA.							DESIGNED BY G. LONTOK	 Metro 	LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY		WEST SANTA ANA BRANCH LRT ARCHITECTURAL STATIONS KEY MAP		CONTRACT NO. AE5999300
							DRAWN BY C. HA						DRAWING NO. A0-001
							CHECKED BY J. HUANG						SCALE 1"=3500'
							IN CHARGE R. LOYA						SHEET NO. 1 OF 37
REV	DATE	BY	APP	REG. NO.	EXPIRES	SEAL HOLDER	DESCRIPTION	DATE 3/17/2023	SUBMITTED _____ APPROVED _____				
	3/17/23						FINAL STATION DRAWINGS						

INDEX OF DRAWINGS

SHT NO	DWG NO	SHEET NAME	STATION NAME
1	A0-001	STATIONS KEY MAP	
2	A0-002	INDEX OF DRAWINGS & GENERAL NOTES	
3	AI-001	SITE PLAN	SLAUSON/A LINE STATION
4	AI-101	BRIDGE LEVEL PLAN	SLAUSON/A LINE STATION
5	AI-102	PLATFORM LEVEL PLAN	SLAUSON/A LINE STATION
6	AI-103	MEZZANINE LEVEL PLAN	SLAUSON/A LINE STATION
7	AI-104	STREET LEVEL PLAN	SLAUSON/A LINE STATION
8	AI-201	LONGITUDINAL SECTION	SLAUSON/A LINE STATION
9	AI-202	TRANSVERSE SECTION	SLAUSON/A LINE STATION
10	AI-203	SECTIONS	SLAUSON/A LINE STATION
11	A2-001	STATION SITE PLAN	PACIFIC/RANDOLPH STATION
12	A2-100	PLATFORM PLAN	PACIFIC/RANDOLPH STATION
13	A2-200	SECTIONS	PACIFIC/RANDOLPH STATION
14	A3-001	STATION SITE PLAN	FLORENCE/SALT LAKE STATION
15	A3-100	PLATFORM PLAN	FLORENCE/SALT LAKE STATION
16	A3-200	SECTIONS	FLORENCE/SALT LAKE STATION
17	A4-001	STATION SITE PLAN	FIRESTONE STATION
18	A4-100	PLANS	FIRESTONE STATION
19	A4-200	SECTIONS	FIRESTONE STATION
20	A5-001	STATION SITE PLAN	GARDENDALE STATION
21	A5-100	PLATFORM PLAN	GARDENDALE STATION
22	A5-200	SECTIONS	GARDENDALE STATION
23	A6-001	STATION SITE PLAN	I-105/C LINE STATION
24	A6-100	PLATFORM PLAN	I-105/C LINE STATION
25	A6-101	SECTIONS	I-105/C LINE STATION
26	A6-200	STATION BRIDGE & MEZZANINE LEVEL PLANS	I-105/C LINE STATION
27	A6-201	PLATFORM PLAN	I-105/C LINE STATION
28	A6-202	SECTIONS	I-105/C LINE STATION
29	A7-001	STATION SITE PLAN	PARAMOUNT/ROSECRANS STATION
30	A7-100	PLANS	PARAMOUNT/ROSECRANS STATION
31	A7-201	SECTIONS	PARAMOUNT/ROSECRANS STATION
32	A8-001	STATION SITE PLAN	BELLFLOWER STATION
33	A8-100	PLATFORM PLAN	BELLFLOWER STATION
34	A8-200	SECTIONS	BELLFLOWER STATION
35	A9-001	STATION SITE PLAN	PIONEER STATION
36	A9-100	PLATFORM PLAN	PIONEER STATION
37	A9-200	SECTIONS	PIONEER STATION

GENERAL NOTES

1.

DESIGN IS CONCEPTUAL IN NATURE, FOR ESTABLISHING ENVIRONMENTAL FOOTPRINT. FURTHER COORDINATION REQUIRED WITH PROJECTS INCLUDE: RAIL TO RAIL/RIVER, I-710 CORRIDOR BIKE PATH PROJECT, HOLLYDALE VILLAGE SPECIFIC PLAN, RANCHO LOS AMIGOS RE-DEVELOPMENT, BELLFLOWER-PARAMOUNT JOINT BIKE AND TRAIL MASTER PLAN.

2.

PARKING LOT LAYOUTS ARE CONCEPTUAL IN NATURE. ACTUAL LAYOUT AND NUMBER OF SPACES TO BE PROVIDED WILL BE DETERMINED IN FINAL DESIGN. DROP OFF/ PICK UP AND POSSIBLE BUS TRANSFERS POSITIONS ARE NOT SHOWN IN PARKING LOTS.

3.

PLACEMENT OF COLUMNS AND OUTRIGGERS IS PRELIMINARY. ACTUAL LAYOUT TO BE DETERMINED IN FUTURE DESIGN. COLUMNS MAY ENCROACH INTO PRIVATE PROPERTIES. WHERE RIGHT OF WAY IS AVAILABLE, COLUMN IS PLACED IN SIDEWALKS OR WITHIN ROADWAY SECTION. STRADDLE BENTS ARE USED WHERE STREET GEOMETRY IS LIMITED AND/OR TRAFFIC IS IMPACTED.

4.

BIKE LOCKERS AND RACKS TO BE ADDED IN FUTURE DESIGN PACKAGE.

5.

ARTWORK LOCATIONS TO BE ADDED IN FUTURE DESIGN PACKAGE.

DRAFT ADVANCED CONCEPTUAL STATIONS DESIGN

THE PREPARATION OF THIS DRAWING HAS BEEN FINANCED IN PART THROUGH A GRANT FROM THE U.S. DEPARTMENT OF TRANSPORTATION FEDERAL TRANSIT ADMINISTRATION (FTA) UNDER THE FEDERAL TRANSIT ACT OF 1964, AS AMENDED, AND IN PART BY THE TAXES OF THE CITIZENS OF LOS ANGELES COUNTY AND OF THE STATE OF CALIFORNIA.

REV

DATE

BY

APP

REG. NO.

EXPIRES

SEAL

HOLDER

DESCRIPTION

DESIGNED BY
G. LONTOK

DRAWN BY
A. NAPOLES

CHECKED BY
J. HUANG

IN CHARGE
R. LOYA

DATE
12/12/2022

REVISED MAY 2022

M

Metro

wsp

515 Figueroa Street
Suite 1400
Los Angeles, CA 90071
TEL (213) 362-9470

LOS ANGELES COUNTY
METROPOLITAN TRANSPORTATION AUTHORITY

SUBMITTED

APPROVED

WEST SANTA ANA BRANCH LRT
ARCHITECTURAL
STATIONS
INDEX OF DRAWINGS & GENERAL NOTES

CONTRACT NO
AE5999300

DRAWING NO
A0-002

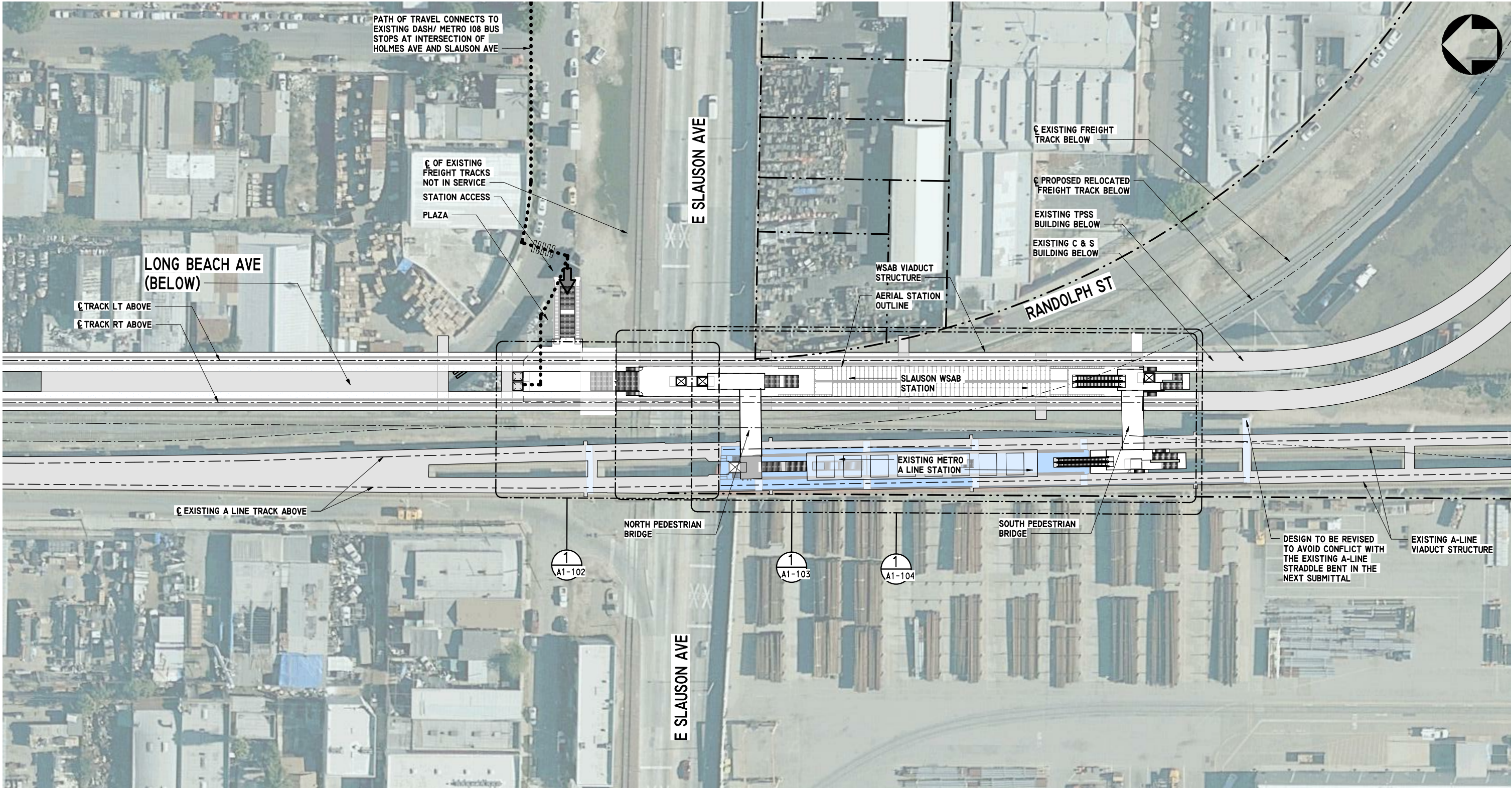
REV

SCALE

SHEET NO
2 OF 37

1/23/2024 10:10:38 AM

This document is 1:1 when printed on a 22" x 34" sheet, it is 1:2 on 11" x 17" sheet



SITE PLAN
1" = 40'-0"

1
A1-001

LEGEND:

- ACCESSIBLE PATH OF TRAVEL TO STATION ACCESS
- - - - - PROPERTY LINE
- EXISTING A LINE STATION

NOTES:

- 1. STATION PARKING NOT PROVIDED.
- 2. EXACT LOCATION OF EXISTING METRO A LINE STATION TO BE VERIFIED AND CONFIRMED IN THE ENGINEERING PHASE.



FINAL ADVANCED CONCEPTUAL STATIONS DESIGN

NOT FOR CONSTRUCTION

THE PREPARATION OF THIS DRAWING HAS BEEN FINANCED IN PART THROUGH A GRANT FROM THE U.S. DEPARTMENT OF TRANSPORTATION FEDERAL TRANSIT ADMINISTRATION (FTA). UNDER THE FEDERAL TRANSIT ACT OF 1964, AS AMENDED, AND IN PART BY THE TAXES OF THE CITIZENS OF LOS ANGELES COUNTY AND OF THE STATE OF CALIFORNIA.

REV	DATE	BY	APP	REG. NO.	EXPIRES	SEAL HOLDER	DESCRIPTION
I	11/16/23						FINAL STATION DRAWINGS

DESIGNED BY G. LONTOK
DRAWN BY C. HA
CHECKED BY J. HUANG
IN CHARGE R. LOYA
DATE 11/16/23



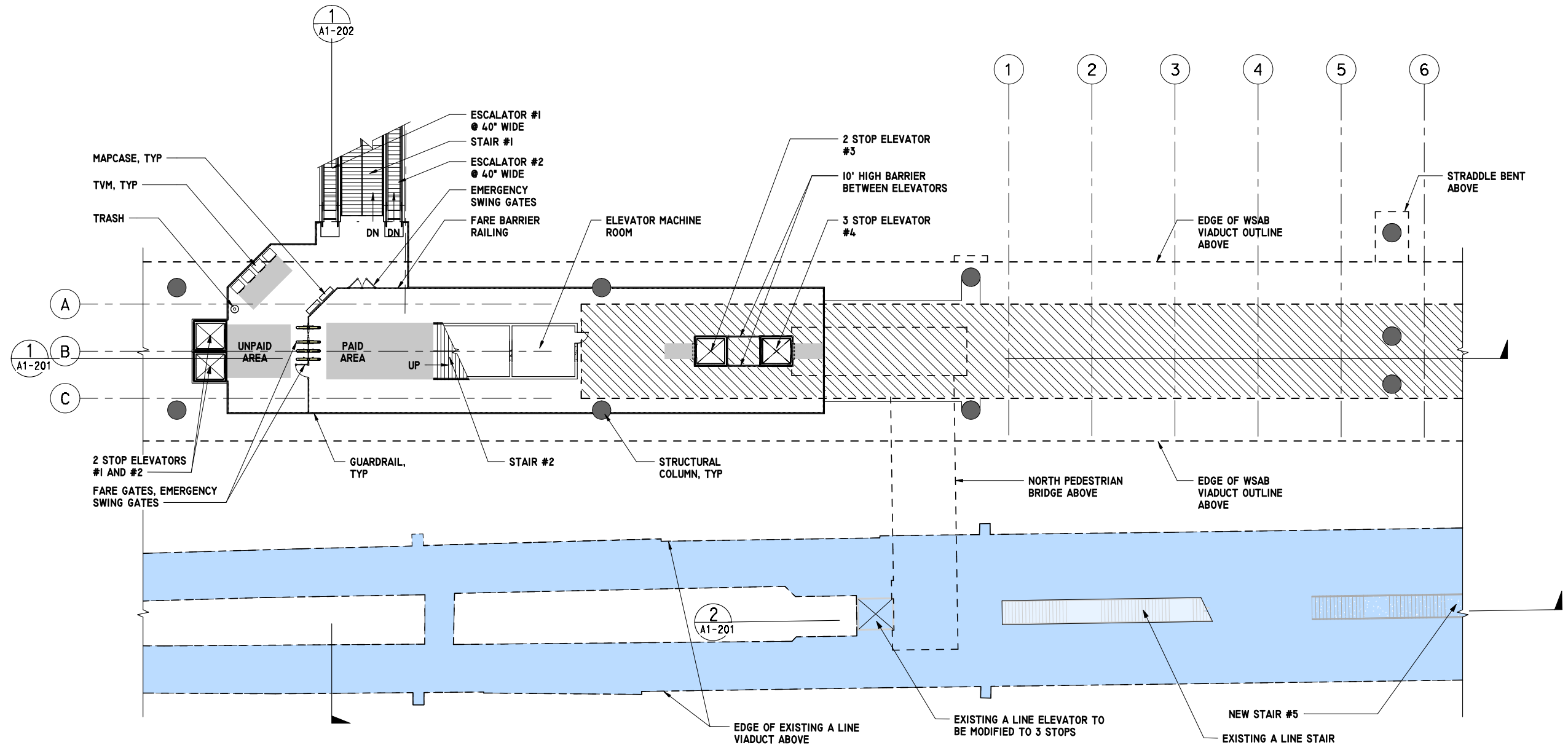
LOS ANGELES COUNTY
METROPOLITAN TRANSPORTATION AUTHORITY

515 South Figueroa Street
Suite 1400
Los Angeles, CA 90071
TEL (213) 362-9470

SUBMITTED
APPROVED

WEST SANTA ANA BRANCH LRT
ARCHITECTURAL
SLAUSON/A LINE STATION
SITE PLAN
AERIAL STATION

CONTRACT NO AE5999300	
DRAWING NO A1-001	REV
SCALE As indicated	
SHEET NO 3 OF 37	



1
A1-102

	QUEUING AREA PER MRDC TABLE 6.3
	EXISTING A LINE STATION
	EXTENT OF SLAUSON STATION PLATFORM OVERHEAD

A MODIFIED 4-DEVICE OF ESCALATORS #3 & #4 / STAIR #2 BETWEEN THE MEZZANINE AND PLATFORM LEVELS IS USED. THE WIDTH OF STAIR #2 IS LESS THAN THE MRDC REQUIREMENT DUE TO THE PLATFORM WIDTH LIMITATIONS.



THE PREPARATION OF THIS
DRAWING HAS BEEN FINANCED IN
PART THROUGH A GRANT FROM
THE U.S. DEPARTMENT OF
TRANSPORTATION FEDERAL TRANSIT
ADMINISTRATION (FTA). UNDER THE
FEDERAL TRANSIT ACT OF 1964, AS
AMENDED, AND IN PART BY THE
TAXES OF THE CITIZENS OF LOS
ANGELES COUNTY AND OF THE
STATE OF CALIFORNIA.

\$								
I	11/16/23							FINAL STATION DRAWINGS
REV	DATE	BY	APP	REG. NO.	EXPIRES	SEAL HOLDER		DESCRIPTION

DESIGNED BY	G. LONTOK
DRAWN BY	C. HA
CHECKED BY	J. HUANG
IN CHARGE	R. LOYA
DATE	11/16/23



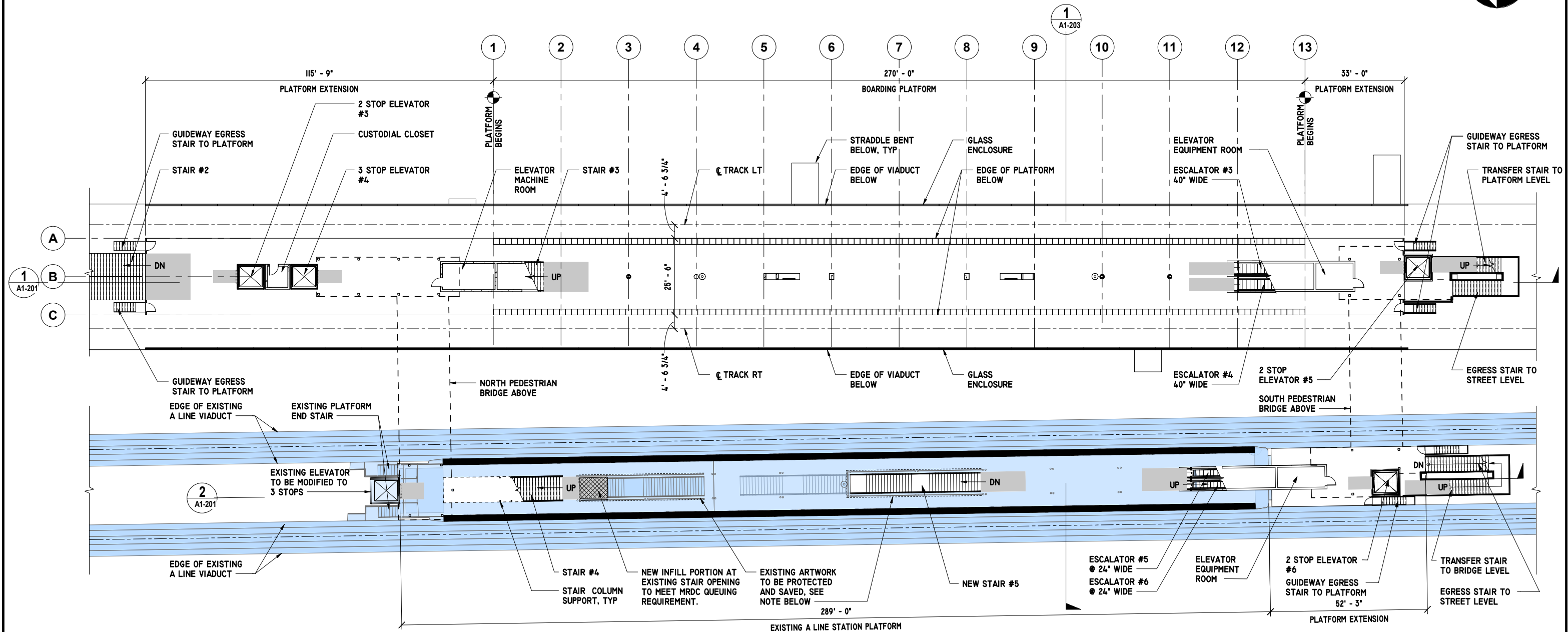
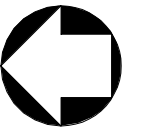
515 South Figueroa Street
Suite 1400
Los Angeles, CA 90071
TEL (213) 362-9470

**WEST SANTA ANA BRANCH LRT
ARCHITECTURAL
SLAUSON/A LINE STATION
MEZZANINE LEVEL PLAN
AERIAL STATION**

CONTRACT NO AE5999300	
DRAWING NO A1-102	REV
SCALE As indicated	
SHEET NO 5 OF 37	

11/16/2023 4:02:43 PM

This document is 1:1 when printed on a 22" x 34" sheet, it is 1:2 on 11" x 17" sheet



PLATFORM LEVEL

1/16" = 1'-0"

1
A1-103

LEGEND:

	QUEUING AREA PER MRDC TABLE 6.3
	EXISTING A LINE STATION
	INFILL PORTION

NOTE:

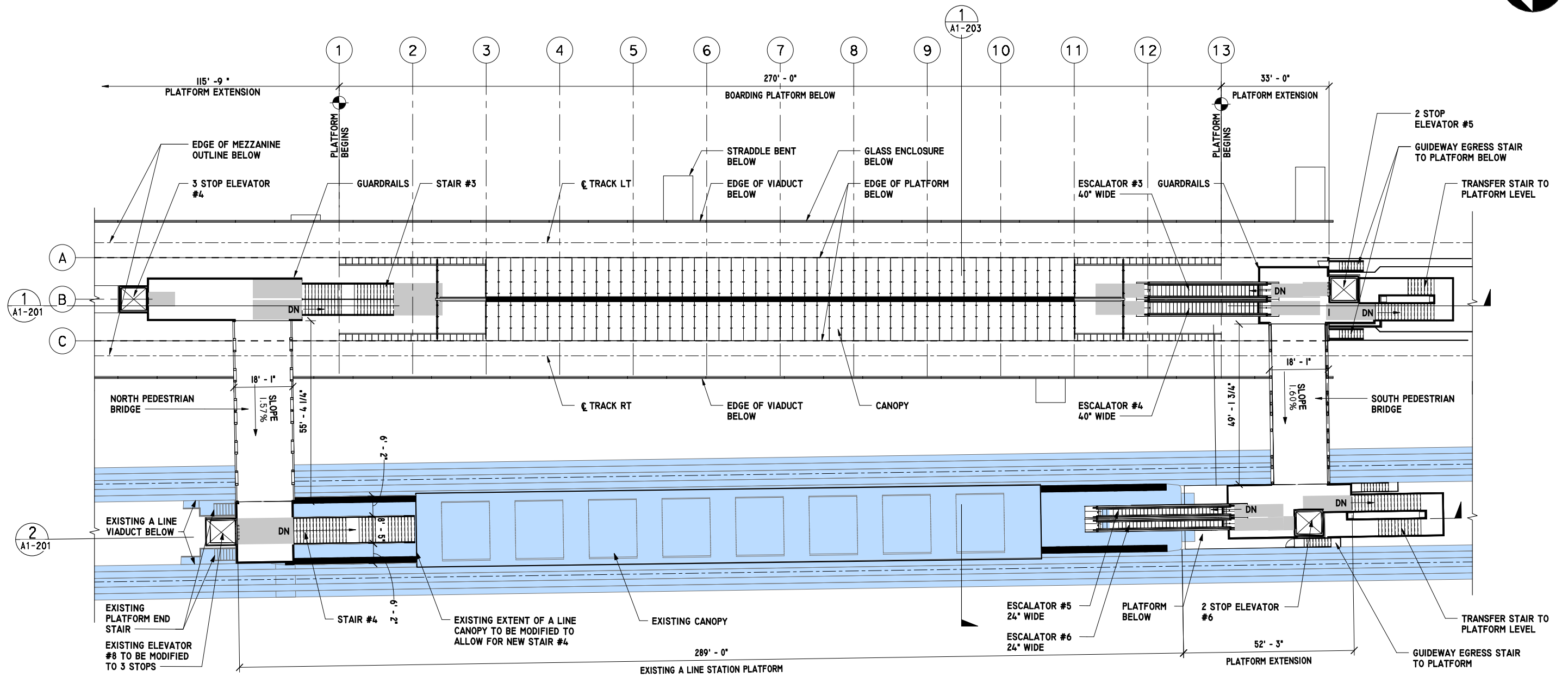
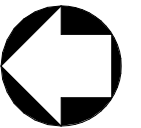
PROTECT AND SAVE EXISTING A LINE ARTWORK ALONG RAILINGS DURING RECONSTRUCTION WORK OF STATION. NEW LOCATION OF EXISTING A LINE ARTWORK TO BE PROVIDED AND COORDINATED WITH METRO ART IN NEXT PE PHASE.



FINAL ADVANCED CONCEPTUAL STATIONS DESIGN

NOT FOR CONSTRUCTION

THE PREPARATION OF THIS DRAWING HAS BEEN FINANCED IN PART THROUGH A GRANT FROM THE U.S. DEPARTMENT OF TRANSPORTATION FEDERAL TRANSIT ADMINISTRATION (FTA) UNDER THE FEDERAL TRANSIT ACT OF 1964, AS AMENDED, AND IN PART BY THE TAXES OF THE CITIZENS OF LOS ANGELES COUNTY AND OF THE STATE OF CALIFORNIA.							DESIGNED BY G. LONTOK		LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY		WEST SANTA ANA BRANCH LRT ARCHITECTURAL SLAUSON/A LINE STATION PLATFORM LEVEL PLAN AERIAL STATION		CONTRACT NO. AE5999300	
							DRAWN BY C. HA						DRAWING NO. A1-103	REV
							CHECKED BY J. HUANG						SCALE As indicated	
							IN CHARGE R. LOYA						SHEET NO. 6 OF 37	
REV	DATE	BY	APP	REG. NO.	EXPIRES	SEAL HOLDER	DESCRIPTION	DATE 03/17/23	515 South Figueroa Street Suite 1400 Los Angeles, CA 90071 TEL (213) 362-9470		SUBMITTED		APPROVED	
I	03/17/23						FINAL STATION DRAWINGS							



BRIDGE LEVEL
1/16" = 1'-0"

1
A1-104

LEGEND:

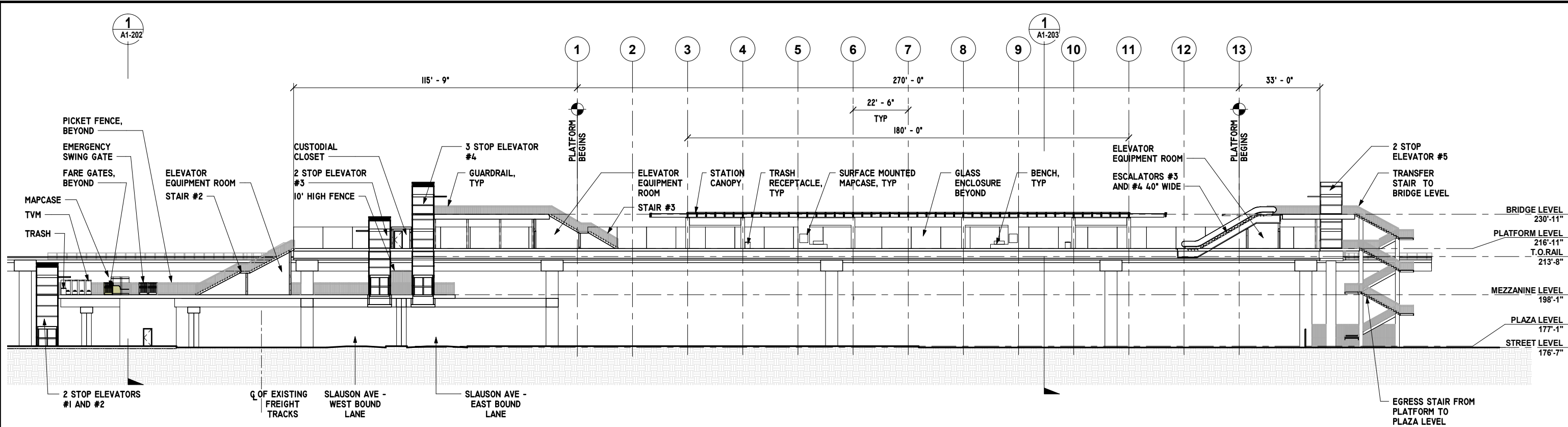
- QUEUING AREA PER MRDC TABLE 6.3
- EXISTING A LINE STATION



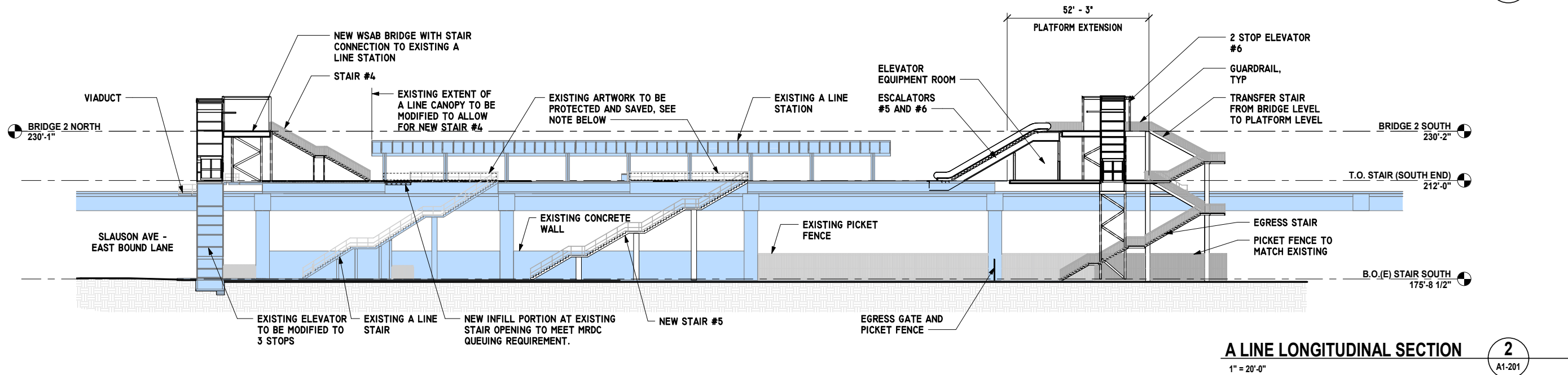
FINAL ADVANCED CONCEPTUAL STATIONS DESIGN

NOT FOR CONSTRUCTION

THE PREPARATION OF THIS DRAWING HAS BEEN FINANCED IN PART THROUGH A GRANT FROM THE U.S. DEPARTMENT OF TRANSPORTATION FEDERAL TRANSIT ADMINISTRATION (FTA). UNDER THE FEDERAL TRANSIT ACT OF 1964, AS AMENDED, AND IN PART BY THE TAXES OF THE CITIZENS OF LOS ANGELES COUNTY AND OF THE STATE OF CALIFORNIA.							DESIGNED BY G. LONTOK	LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY		WEST SANTA ANA BRANCH LRT ARCHITECTURAL SLAUSON/A LINE STATION BRIDGE LEVEL PLAN AERIAL STATION		CONTRACT NO. AE5999300
							DRAWN BY C. HA					DRAWING NO. A1-104
REV							CHECKED BY J. HUANG	515 South Figueroa Street Suite 1400 Los Angeles, CA 90071 TEL (213) 362-9470		SUBMITTED APPROVED		SCALE As indicated
							IN CHARGE R. LOYA					SHEET NO. 7 OF 37
11/16/23							DATE 11/16/23					
FINAL STATION DRAWINGS												
DESCRIPTION												



LONGITUDINAL SECTION
1
1" = 20'-0"



A LINE LONGITUDINAL SECTION
2
1" = 20'-0"

LEGEND:

	EXISTING A LINE STATION
	INFILL PORTION

NOTE:
PROTECT AND SAVE EXISTING A LINE ARTWORK ALONG RAILINGS DURING RECONSTRUCTION WORK OF STATION. NEW LOCATION OF EXISTING A LINE ARTWORK TO BE PROVIDED AND COORDINATED WITH METRO ART IN NEXT PE PHASE.



FINAL ADVANCED CONCEPTUAL STATIONS DESIGN

THE PREPARATION OF THIS DRAWING HAS BEEN FINANCED IN PART THROUGH A GRANT FROM THE U.S. DEPARTMENT OF TRANSPORTATION FEDERAL TRANSIT ADMINISTRATION (FTA) UNDER THE FEDERAL TRANSIT ACT OF 1964, AS AMENDED, AND IN PART BY THE TAXES OF THE CITIZENS OF LOS ANGELES COUNTY AND OF THE STATE OF CALIFORNIA.							DESIGNED BY G. LONTOK
							DRAWN BY C. HA
							CHECKED BY J. HUANG
							IN CHARGE R. LOYA
							DATE 03/17/23
REV	DATE	BY	APP	REG. NO.	EXPIRES	SEAL HOLDER	DESCRIPTION
I	03/17/23						FINAL STATION DRAWINGS

DESIGNED BY G. LONTOK
DRAWN BY C. HA
CHECKED BY J. HUANG
IN CHARGE R. LOYA
DATE 03/17/23

Metro

LOS ANGELES COUNTY
METROPOLITAN TRANSPORTATION AUTHORITY

515 South Figueroa Street
Suite 1400
Los Angeles, CA 90071
TEL (213) 362-9470

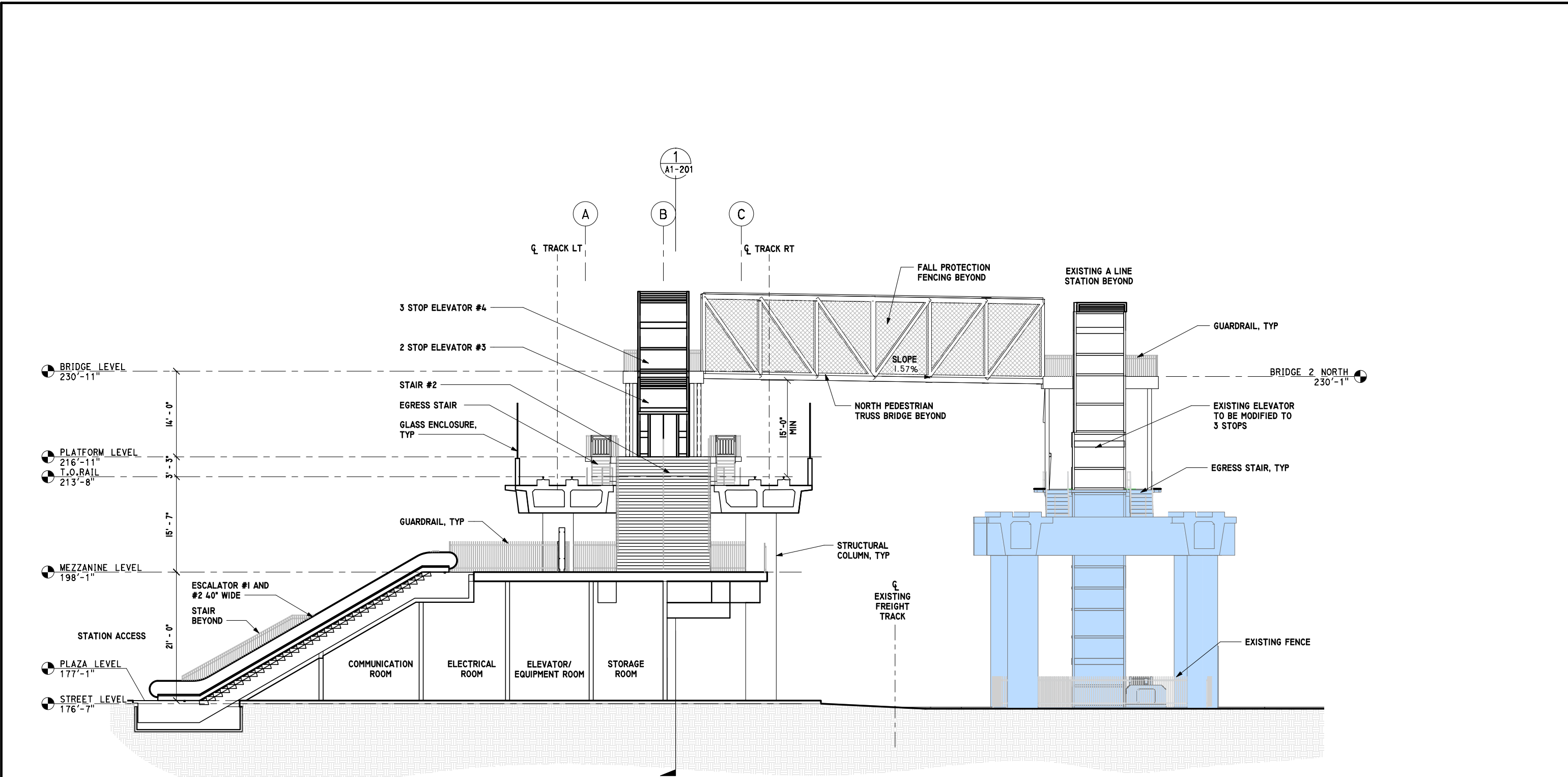
SUBMITTED

APPROVED

WEST SANTA ANA BRANCH LRT
ARCHITECTURAL
SLAUSON/A LINE STATION
LONGITUDINAL SECTION
AERIAL STATION

CONTRACT NO.
AE5999300

DRAWING NO. A1-201	REV
SCALE 1" = 20'-0"	
SHEET NO. 8 OF 37	



TRANSVERSE SECTION 1

1
A1-202

LEGEND:

EXISTING A LINE STATION

8'0'8'16'

FINAL ADVANCED CONCEPTUAL STATIONS DESIGN

NOT FOR CONSTRUCTION

THE PREPARATION OF THIS DRAWING HAS BEEN FINANCED IN PART THROUGH A GRANT FROM THE U.S. DEPARTMENT OF TRANSPORTATION FEDERAL TRANSIT ADMINISTRATION (FTA). UNDER THE FEDERAL TRANSIT ACT OF 1964, AS AMENDED, AND IN PART BY THE TAXES OF THE CITIZENS OF LOS ANGELES COUNTY AND OF THE STATE OF CALIFORNIA.

REV	DATE	BY	APP	REG. NO.	EXPIRES	SEAL HOLDER	DESCRIPTION
I	11/16/23						FINAL STATION DRAWINGS

DESIGNED BY
G. LONTOK

DRAWN BY
C. HA

CHECKED BY
J. HUANG

IN CHARGE
R. LOYA

DATE
11/16/23

M

Metro

wsp

515 South Figueroa Street
Suite 1400
Los Angeles, CA 90071
TEL (213) 362-9470

SUBMITTED

APPROVED

LOS ANGELES COUNTY
METROPOLITAN TRANSPORTATION AUTHORITY

WEST SANTA ANA BRANCH LRT
ARCHITECTURAL
SLAUSON/A LINE STATION
TRANSVERSE SECTION
AERIAL STATION

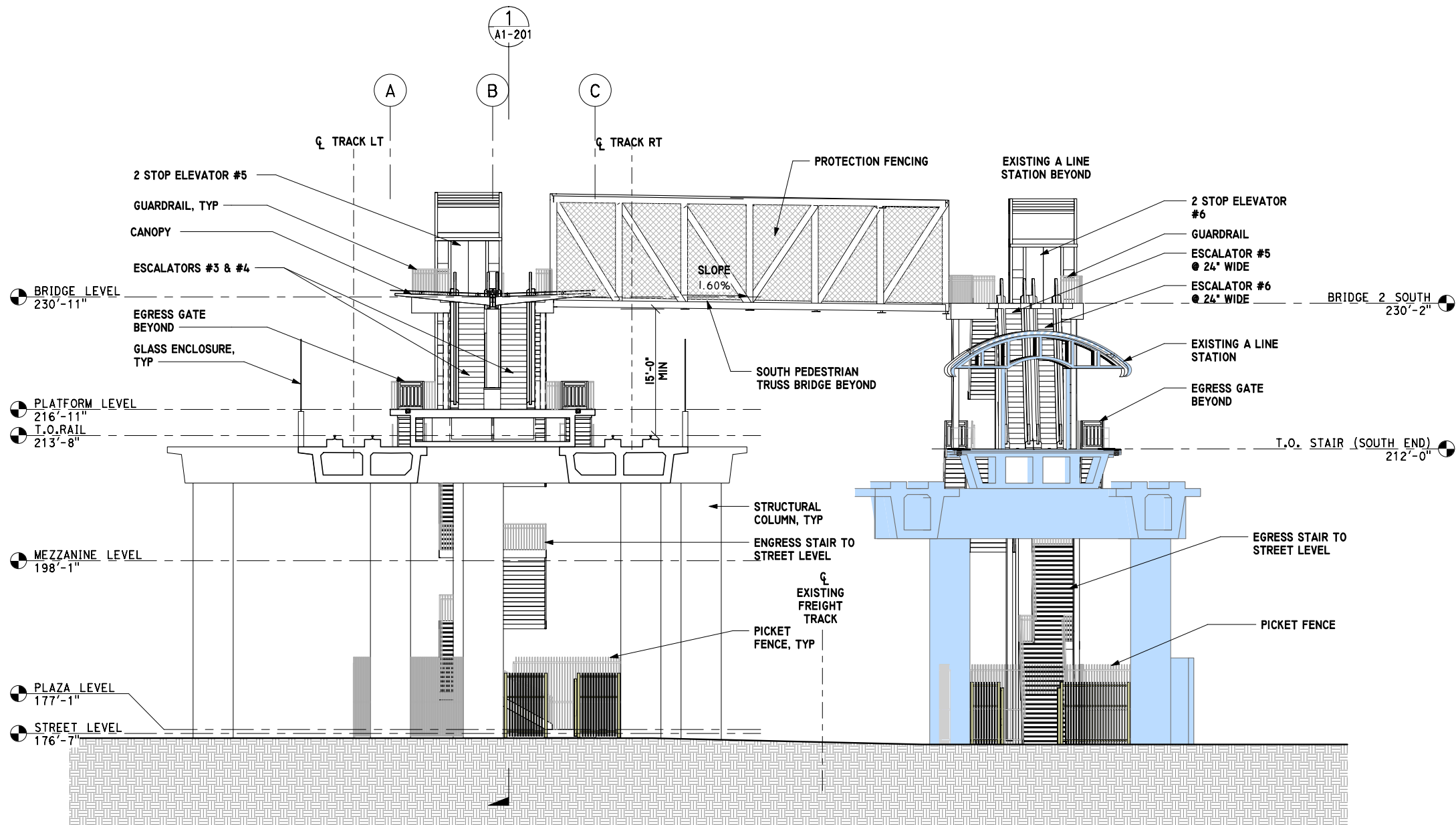
CONTRACT NO
AE5999300

DRAWING NO
A1-202

SCALE
As indicated

SHEET NO
9 OF 37

11/16/2023 4:03:15 PM



TRANSVERSE SECTION 2
1/8" = 1'-0"

1
A1-203

LEGEND:

EXISTING A LINE STATION

NOTE:

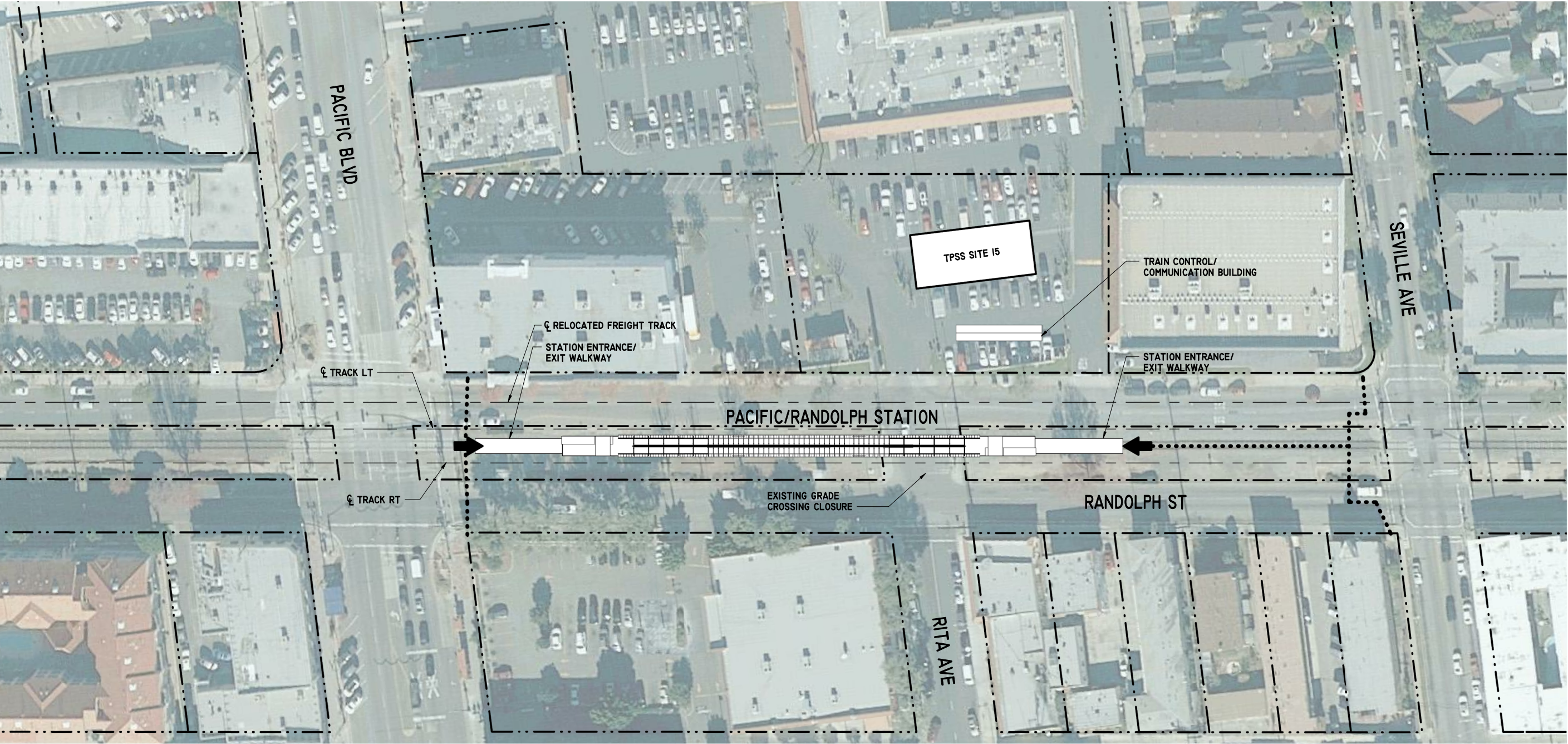
THE NORTH END OF THE EXISTING A LINE CANOPY TO BE MODIFIED AS SHOWN TO CLEAR THE NEW WSAB AND A LINE CONNECTION BRIDGE AND STAIR.



FINAL ADVANCED CONCEPTUAL STATIONS DESIGN

NOT FOR CONSTRUCTION

THE PREPARATION OF THIS DRAWING HAS BEEN FINANCED IN PART THROUGH A GRANT FROM THE U.S. DEPARTMENT OF TRANSPORTATION FEDERAL TRANSIT ADMINISTRATION (FTA). UNDER THE FEDERAL TRANSIT ACT OF 1964, AS AMENDED, AND IN PART BY THE TAXES OF THE CITIZENS OF LOS ANGELES COUNTY AND OF THE STATE OF CALIFORNIA.								DESIGNED BY G. LONTOK	M Metro wsp 515 South Figueroa Street Suite 1400 Los Angeles, CA 90071 TEL (213) 362-9470 LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY	WEST SANTA ANA BRANCH LRT ARCHITECTURAL SLAUSON/A LINE STATION TRANSVERSE SECTION 2 AERIAL STATION		CONTRACT NO AE5999300	
								DRAWN BY C. HA				DRAWING NO A1-203	REV
								CHECKED BY J. HUANG				SCALE As indicated	
								IN CHARGE R. LOYA				SHEET NO 10 OF 37	
								DATE 11/16/23					
I	11/16/23						FINAL STATION DRAWINGS						
REV	DATE	BY	APP	REG. NO.	EXPIRES	SEAL HOLDER	DESCRIPTION						



SITE PLAN
1" = 40'-0"

1
A2-001

LEGEND:

- ACCESSIBLE PATH OF TRAVEL TO STATION ACCESS
- - - - - PROPERTY LINE

NOTE:

I - STATION PARKING NOT PROVIDED



FINAL ADVANCED CONCEPTUAL STATIONS DESIGN

NOT FOR CONSTRUCTION

THE PREPARATION OF THIS DRAWING HAS BEEN FINANCED IN PART THROUGH A GRANT FROM THE U.S. DEPARTMENT OF TRANSPORTATION FEDERAL TRANSIT ADMINISTRATION (FTA). UNDER THE FEDERAL TRANSIT ACT OF 1964, AS AMENDED, AND IN PART BY THE TAXES OF THE CITIZENS OF LOS ANGELES COUNTY AND OF THE STATE OF CALIFORNIA.

REV	DATE	BY	APP	REG. NO.	EXPIRES	SEAL HOLDER	DESCRIPTION
	3/17/23						FINAL STATION DRAWINGS

DESIGNED BY G. LONTOK
DRAWN BY C. HA
CHECKED BY J. HUANG
IN CHARGE R. LOYA
DATE 3/17/2023

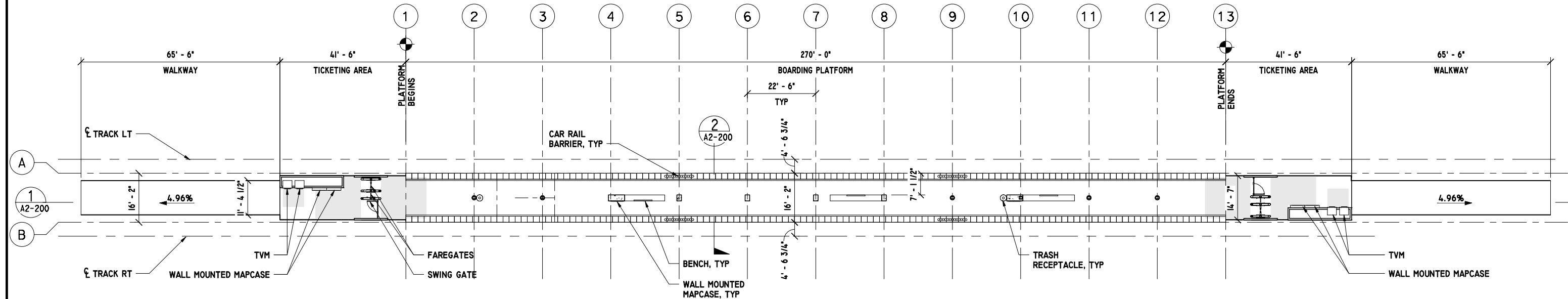
**Metro**

515 Figueroa Street
Suite 1400
Los Angeles, CA 90071
TEL (213) 362-9470

SUBMITTED _____
APPROVED _____

WEST SANTA ANA BRANCH LRT
ARCHITECTURAL
PACIFIC/RANDOLPH STATION
STATION SITE PLAN
AT-GRADE STATION

CONTRACT NO.
AE5999300
DRAWING NO.
A2-001
SCALE
1" = 40'-0"
SHEET NO.
11 OF 37



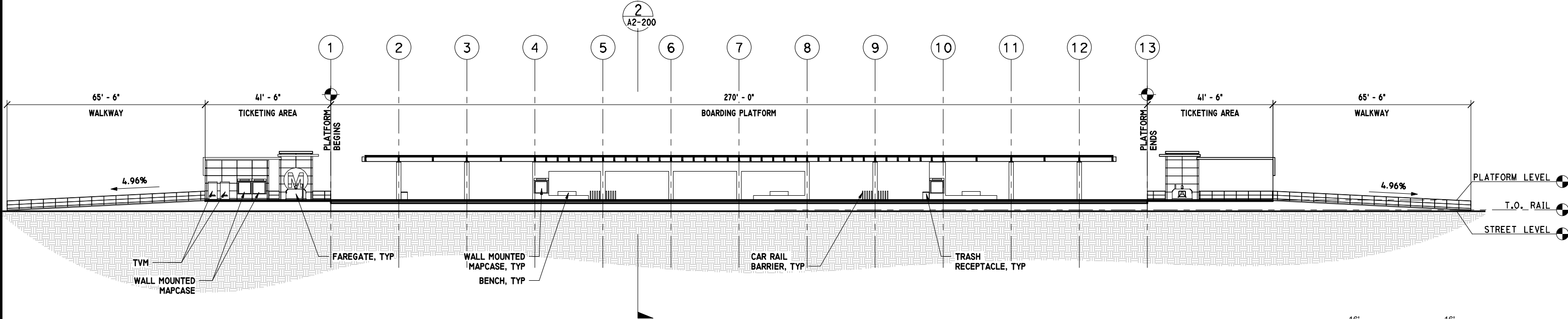
PLATFORM LEVEL
1/16" = 1'-0"



FINAL ADVANCED CONCEPTUAL STATIONS DESIGN

NOT FOR CONSTRUCTION

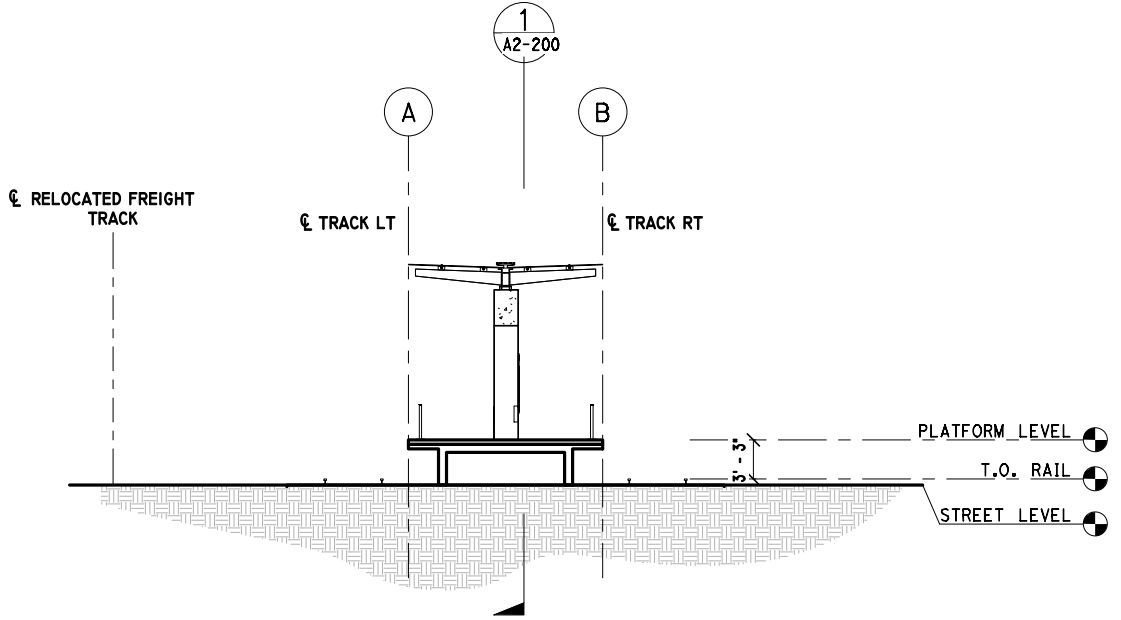
THE PREPARATION OF THIS DRAWING HAS BEEN FINANCED IN PART THROUGH A GRANT FROM THE U.S. DEPARTMENT OF TRANSPORTATION FEDERAL TRANSIT ADMINISTRATION (FTA). UNDER THE FEDERAL TRANSIT ACT OF 1964, AS AMENDED, AND IN PART BY THE TAXES OF THE CITIZENS OF LOS ANGELES COUNTY AND OF THE STATE OF CALIFORNIA.								DESIGNED BY G. LONTOK	 Metro	LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY		WEST SANTA ANA BRANCH LRT ARCHITECTURAL PACIFIC/RANDOLPH STATION PLATFORM PLAN AT-GRADE STATION	CONTRACT NO. AE5999300
							DRAWN BY C. HA	DRAWING NO. A2-100					
							CHECKED BY J. HUANG	SCALE 1/16" = 1'-0"					
							IN CHARGE R. LOYA	SHEET NO. 12 OF 37					
	3/17/23						FINAL STATION DRAWINGS	DATE 3/17/2023	515 Figueroa Street Suite 1400 Los Angeles, CA 90071 TEL (213) 362-9470		SUBMITTED _____ APPROVED _____		
REV	DATE	BY	APP	REG. NO.	EXPIRES	SEAL HOLDER	DESCRIPTION						



LONGITUDINAL SECTION

1/16" = 1'-0"

1
A2-200



TRANSVERSE SECTION

1/8" = 1'-0"

2
A2-200



FINAL ADVANCED CONCEPTUAL STATIONS DESIGN

NOT FOR CONSTRUCTION

THE PREPARATION OF THIS DRAWING HAS BEEN FINANCED IN PART THROUGH A GRANT FROM THE U.S. DEPARTMENT OF TRANSPORTATION FEDERAL TRANSIT ADMINISTRATION (FTA). UNDER THE FEDERAL TRANSIT ACT OF 1964, AS AMENDED, AND IN PART BY THE TAXES OF THE CITIZENS OF LOS ANGELES COUNTY AND OF THE STATE OF CALIFORNIA.							DESIGNED BY G. LONTOK	 Metro 		LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY		WEST SANTA ANA BRANCH LRT ARCHITECTURAL PACIFIC/RANDOLPH STATION SECTIONS AT-GRADE STATION		CONTRACT NO. AE5999300
							DRAWN BY C. HA							DRAWING NO. A2-200
							CHECKED BY J. HUANG							SCALE AS INDICATED
							IN CHARGE R. LOYA							SHEET NO. 13 OF 37
REV	DATE	BY	APP	REG. NO.	EXPIRES	SEAL HOLDER	DESCRIPTION	DATE 3/17/2023			SUBMITTED			APPROVED
	3/17/23						FINAL STATION DRAWINGS							



SITE PLAN
1" = 40'-0"

1
A3-001

LEGEND:

- ACCESSIBLE PATH OF TRAVEL TO STATION ACCESS
- - - - - PROPERTY LINE

NOTE:

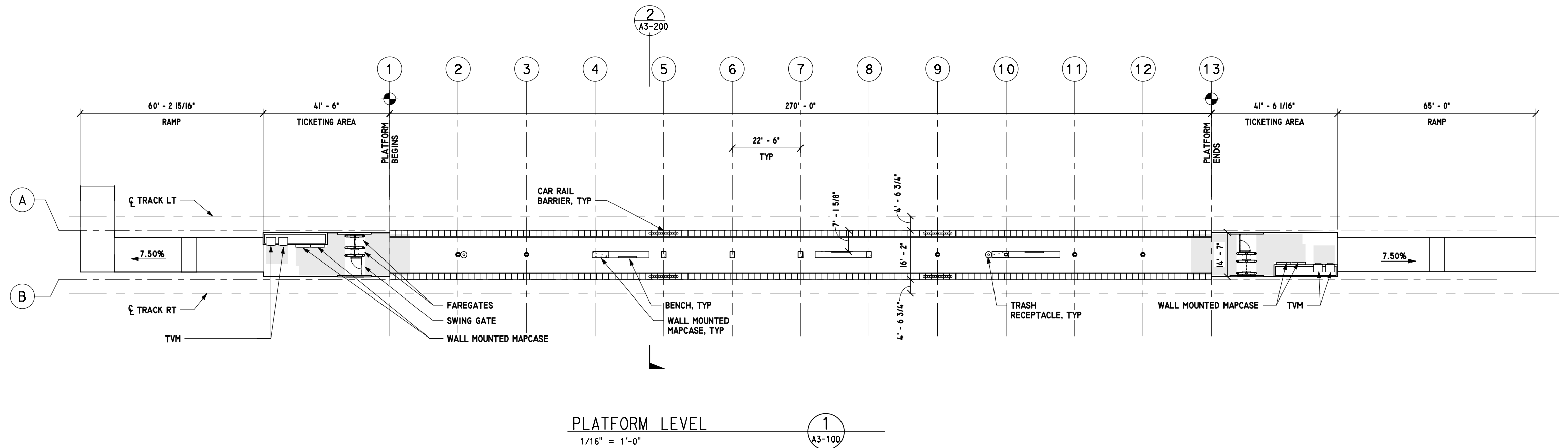
I - STATION PARKING NOT PROVIDED



FINAL ADVANCED CONCEPTUAL STATIONS DESIGN

NOT FOR CONSTRUCTION

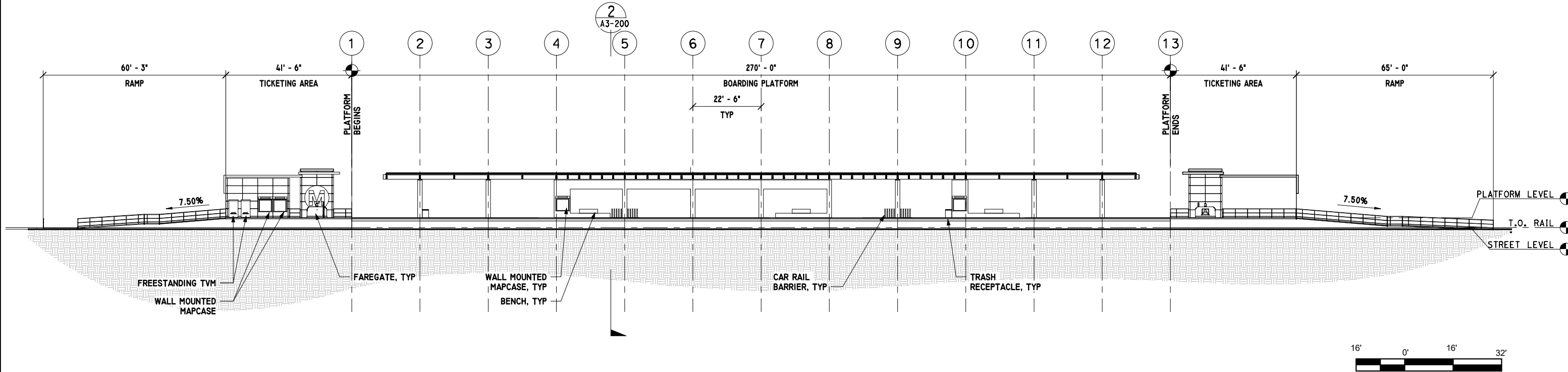
THE PREPARATION OF THIS DRAWING HAS BEEN FINANCED IN PART THROUGH A GRANT FROM THE U.S. DEPARTMENT OF TRANSPORTATION (FTA), UNDER THE FEDERAL TRANSIT ACT OF 1964, AS AMENDED, AND IN PART BY THE TAXES OF THE CITIZENS OF LOS ANGELES COUNTY AND OF THE STATE OF CALIFORNIA.										DESIGNED BY G. LONTOK	LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY	515 Figueroa Street Suite 1400 Los Angeles, CA 90071 TEL (213) 362-9470	SUBMITTED _____ APPROVED _____	WEST SANTA ANA BRANCH LRT ARCHITECTURAL FLORENCE/SALT LAKE STATION STATION SITE PLAN AT-GRADE STATION	CONTRACT NO. AE5999300
										DRAWN BY C. HA					DRAWING NO. A3-001
										CHECKED BY J. HUANG					SCALE 1" = 40'-0"
										IN CHARGE R. LOYA					SHEET NO. 14 OF 37
REV	DATE	BY	APP	REG. NO.	EXPIRES	SEAL HOLDER	DESCRIPTION	DATE 3/17/2023							
	3/17/23						FINAL STATION DRAWINGS								



FINAL ADVANCED CONCEPTUAL STATIONS DESIGN

NOT FOR CONSTRUCTION

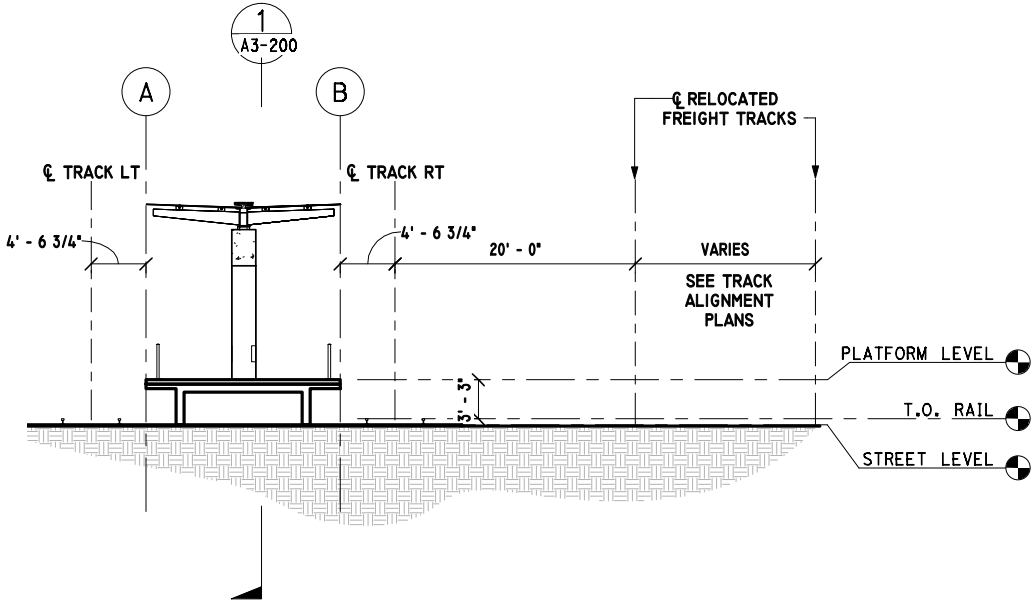
THE PREPARATION OF THIS DRAWING HAS BEEN FINANCED IN PART THROUGH A GRANT FROM THE U.S. DEPARTMENT OF TRANSPORTATION FEDERAL TRANSIT ADMINISTRATION (FTA). UNDER THE FEDERAL TRANSIT ACT OF 1964, AS AMENDED, AND IN PART BY THE TAXES OF THE CITIZENS OF LOS ANGELES COUNTY AND OF THE STATE OF CALIFORNIA.										DESIGNED BY G.LONTOK	M Metro wsp 515 Figueroa Street Suite 1400 Los Angeles, CA 90071 TEL (213) 362-9470 LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY	WEST SANTA ANA BRANCH LRT ARCHITECTURAL FLORENCE/SALT LAKE STATION PLATFORM PLAN AT-GRADE STATION		CONTRACT NO AE5999300	
									DRAWING NO A3-100	REV					
										SCALE 1/16" = 1'-0"					
										SHEET NO 15 OF 37					
	3/17/23							FINAL STATION DRAWINGS	DATE 3/17/2023						
REV	DATE	BY	APP	REG. NO.	EXPIRES	SEAL HOLDER	DESCRIPTION								



LONGITUDINAL SECTION

1/16" = 1'-0"

1
A3-200



TRANSVERSE SECTION

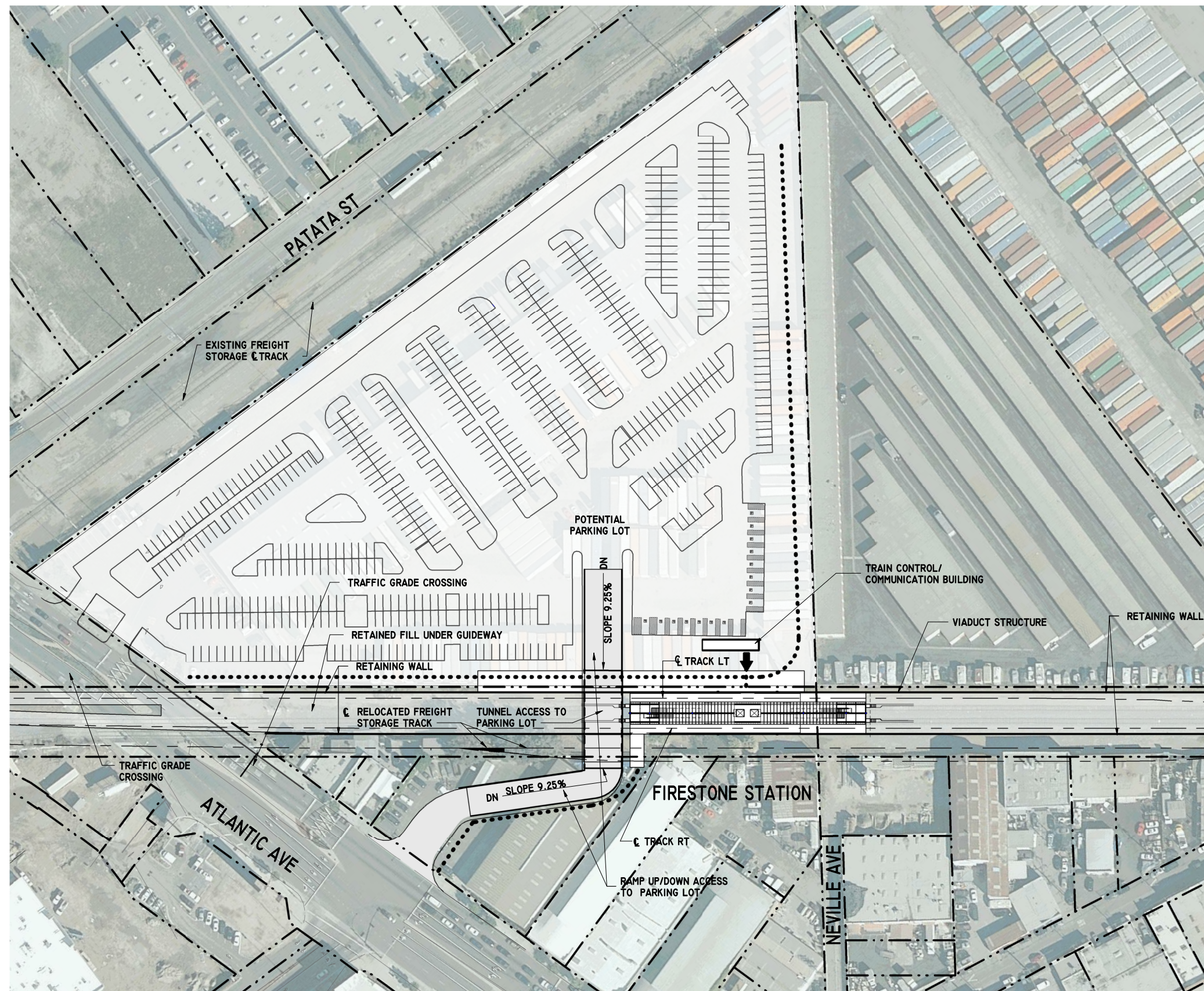
1/8" = 1'-0"

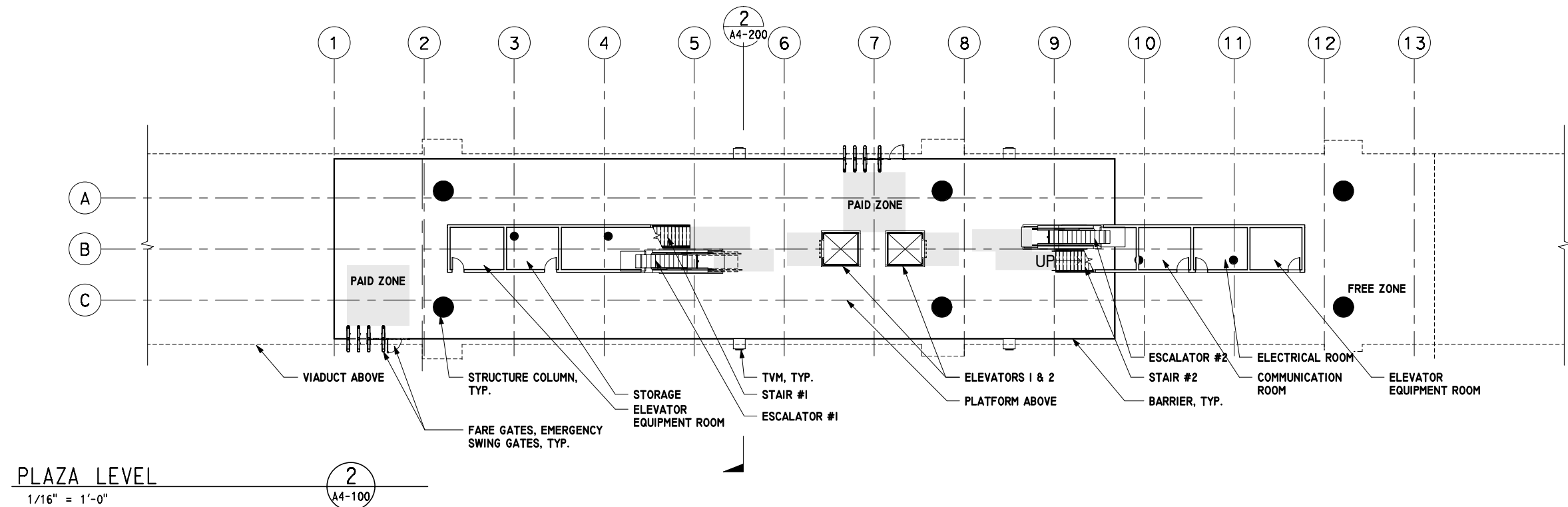
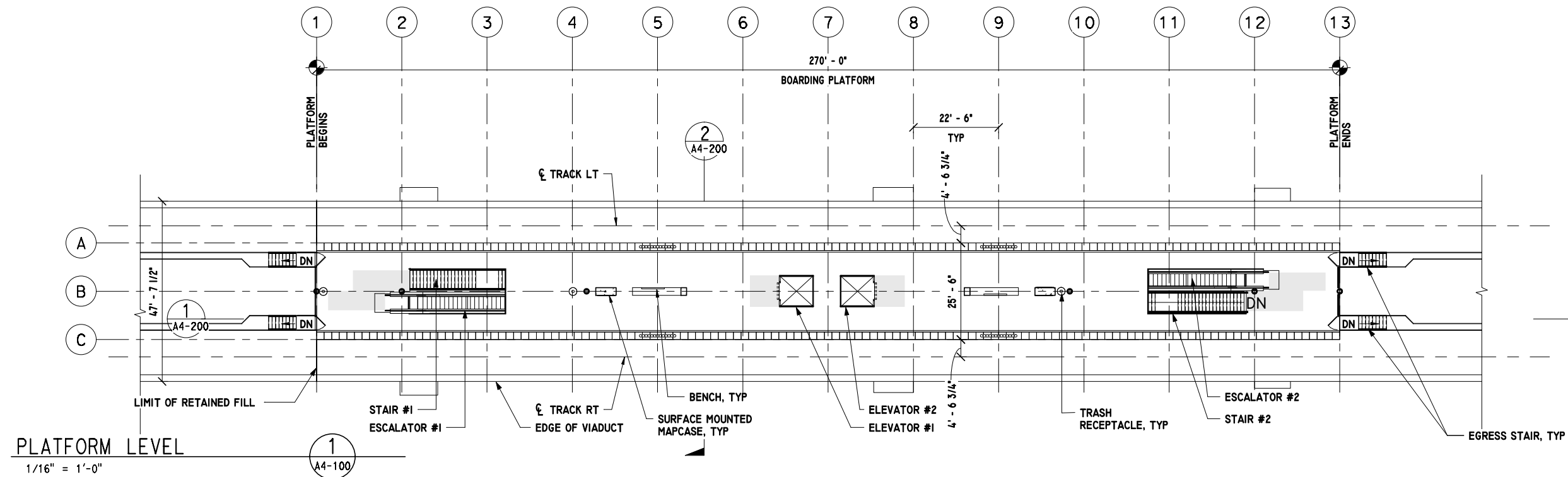
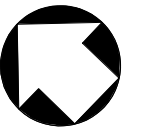
2
A3-200

FINAL ADVANCED CONCEPTUAL STATIONS DESIGN

NOT FOR CONSTRUCTION

THE PREPARATION OF THIS DRAWING HAS BEEN FINANCED IN PART THROUGH A GRANT FROM THE U.S. DEPARTMENT OF TRANSPORTATION FEDERAL TRANSIT ADMINISTRATION (FTA). UNDER THE FEDERAL TRANSIT ACT OF 1964, AS AMENDED, AND IN PART BY THE TAXES OF THE CITIZENS OF LOS ANGELES COUNTY AND OF THE STATE OF CALIFORNIA.								DESIGNED BY G. LONTOK		M Metro wsp 515 Figueroa Street Suite 1400 Los Angeles, CA 90071 TEL (213) 362-9470 SUBMITTED APPROVED		LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY		WEST SANTA ANA BRANCH LRT ARCHITECTURAL FLORENCE/SALT LAKE STATION SECTIONS AT-GRADE STATION		CONTRACT NO AE5999300			
								DRAWN BY C. HA								DRAWING NO A3-200		REV	
								CHECKED BY J. HUANG								SCALE AS INDICATED			
								IN CHARGE R. LOYA								SHEET NO 16 OF 37			
								DATE 3/17/2023											
3/17/23								FINAL STATION DRAWINGS											
REV	DATE	BY	APP	REG. NO.	EXPIRES	SEAL HOLDER	DESCRIPTION												

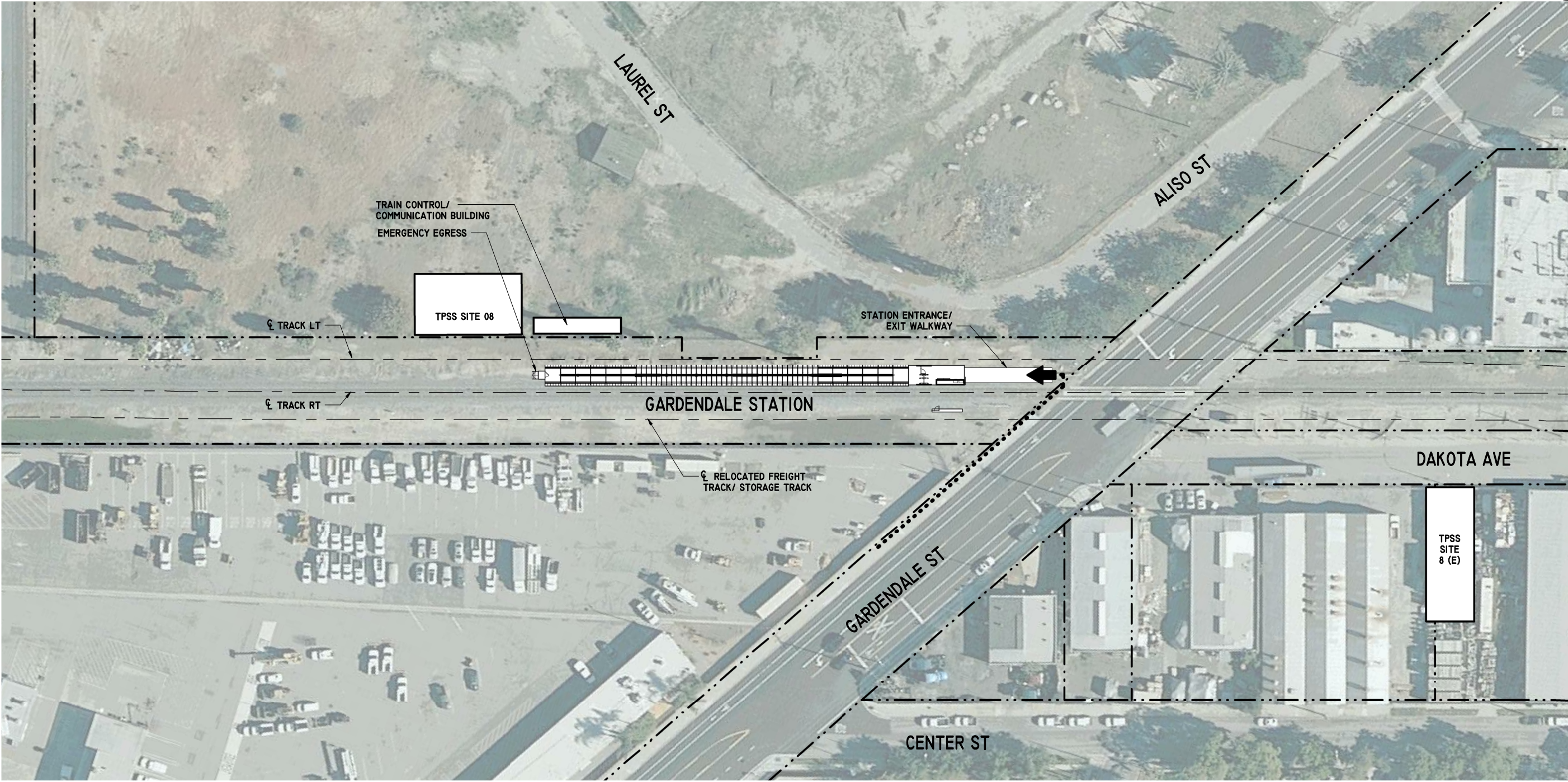




FINAL ADVANCED CONCEPTUAL STATIONS DESIGN

NOT FOR CONSTRUCTION

THE PREPARATION OF THIS DRAWING HAS BEEN FINANCED IN PART THROUGH A GRANT FROM THE U.S. DEPARTMENT OF TRANSPORTATION FEDERAL TRANSIT ADMINISTRATION (FTA). UNDER THE FEDERAL TRANSIT ACT OF 1964, AS AMENDED, AND IN PART BY THE TAXES OF THE CITIZENS OF LOS ANGELES COUNTY AND OF THE STATE OF CALIFORNIA.							DESIGNED BY G. LONTOK	 LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY		WEST SANTA ANA BRANCH PROJECT ARCHITECTURAL FIRESTONE STATION PLANS AERIAL STATION		CONTRACT NO. AE5999300
							DRAWN BY C. HA					DRAWING NO. A4-100
							CHECKED BY J. HUANG					SCALE 1/16" = 1'-0"
							IN CHARGE R. LOYA					SHEET NO. 18 OF 37
REV	DATE	BY	APP	REG. NO.	EXPIRES	SEAL HOLDER	DESCRIPTION	DATE 3/17/2023	515 Figueroa Street Suite 1400 Los Angeles, CA 90071 TEL (213) 362-9470		SUBMITTED APPROVED	
	3/17/23						FINAL STATION DRAWINGS					



SITE PLAN
1" = 40'-0"

1
A5-001

- LEGEND:**
- ACCESSIBLE PATH OF TRAVEL TO STATION ACCESS
 - - - - - PROPERTY LINE
- NOTE:**
- I - STATION PARKING NOT PROVIDED



FINAL ADVANCED CONCEPTUAL STATIONS DESIGN

THE PREPARATION OF THIS DRAWING HAS BEEN FINANCED IN PART THROUGH A GRANT FROM THE U.S. DEPARTMENT OF TRANSPORTATION FEDERAL TRANSIT ADMINISTRATION (FTA). UNDER THE FEDERAL TRANSIT ACT OF 1964, AS AMENDED, AND IN PART BY THE TAXES OF THE CITIZENS OF LOS ANGELES COUNTY AND OF THE STATE OF CALIFORNIA.

	3/17/23								
REV	DATE	BY	APP	REG. NO.	EXPIRES	SEAL HOLDER	DESCRIPTION		
							FINAL STATION DRAWINGS		

DESIGNED BY G. LONTOK
DRAWN BY C. HA
CHECKED BY J. HUANG
IN CHARGE R. LOYA
DATE 3/17/2023



**Metro**



515 Figueroa Street
Suite 1400
Los Angeles, CA 90071
TEL (213) 362-9470

SUBMITTED

APPROVED

LOS ANGELES COUNTY
METROPOLITAN TRANSPORTATION AUTHORITY

WEST SANTA ANA BRANCH LRT
ARCHITECTURAL
GARDENDALE STATION
STATION SITE PLAN
AT-GRADE STATION

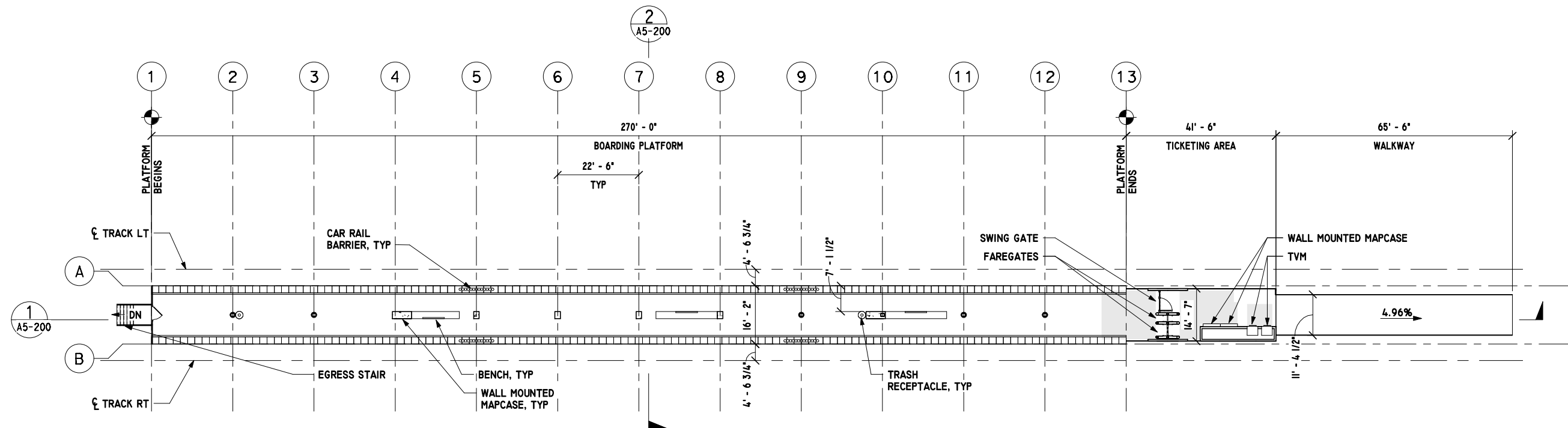
CONTRACT NO.
AE5999300

DRAWING NO.
A5-001

SCALE
1" = 40'-0"

SHEET NO.
20 OF 37

NOT FOR CONSTRUCTION



PLATFORM PLAN

1/16" = 1'-0"

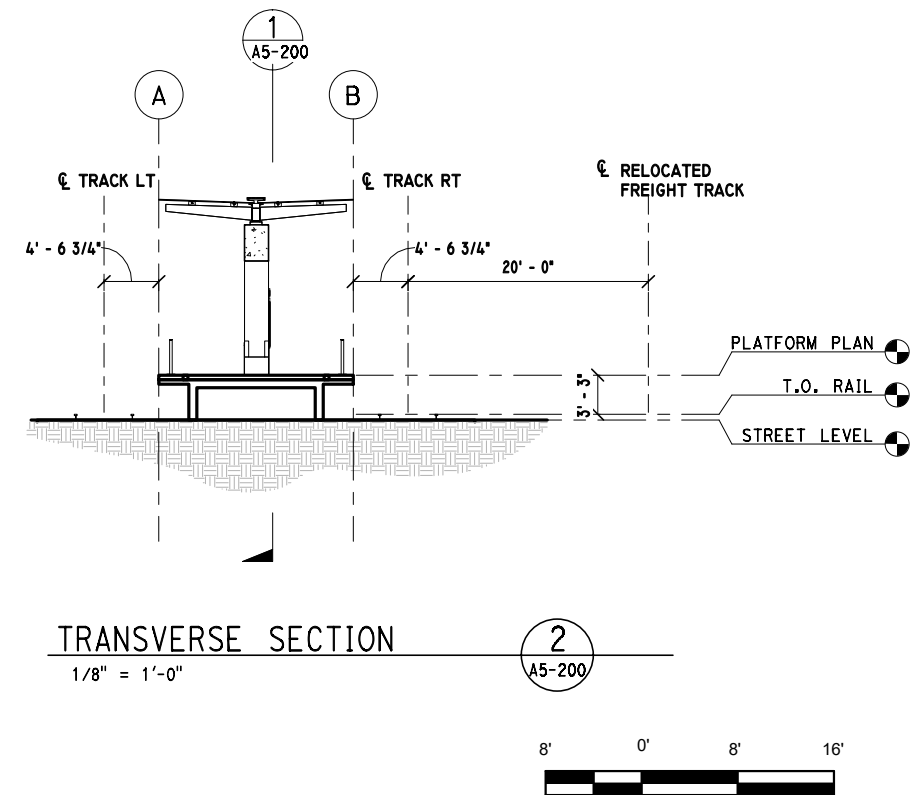
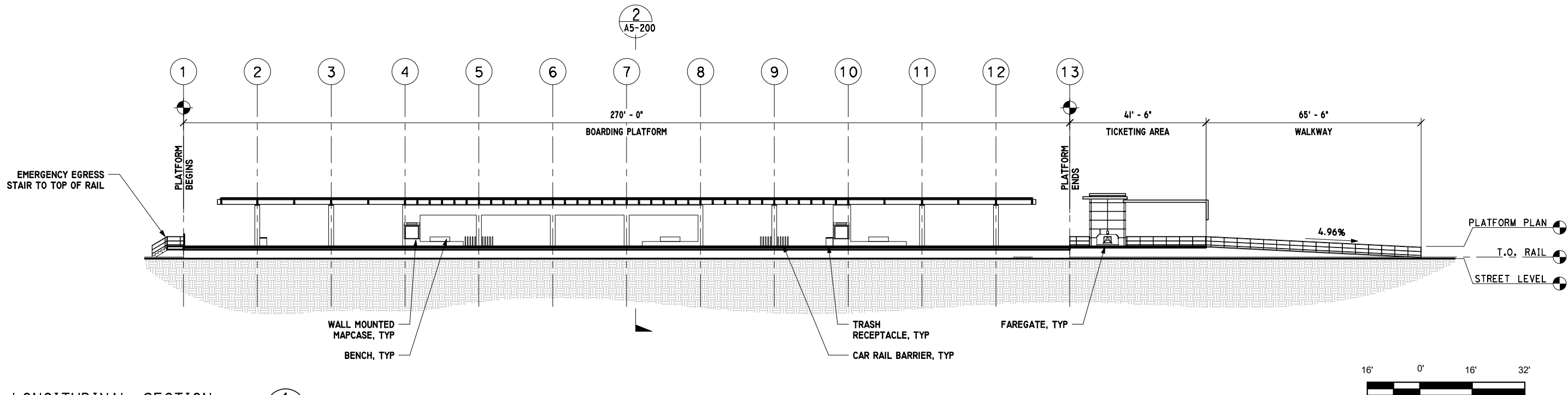
1
A5-100



FINAL ADVANCED CONCEPTUAL STATIONS DESIGN

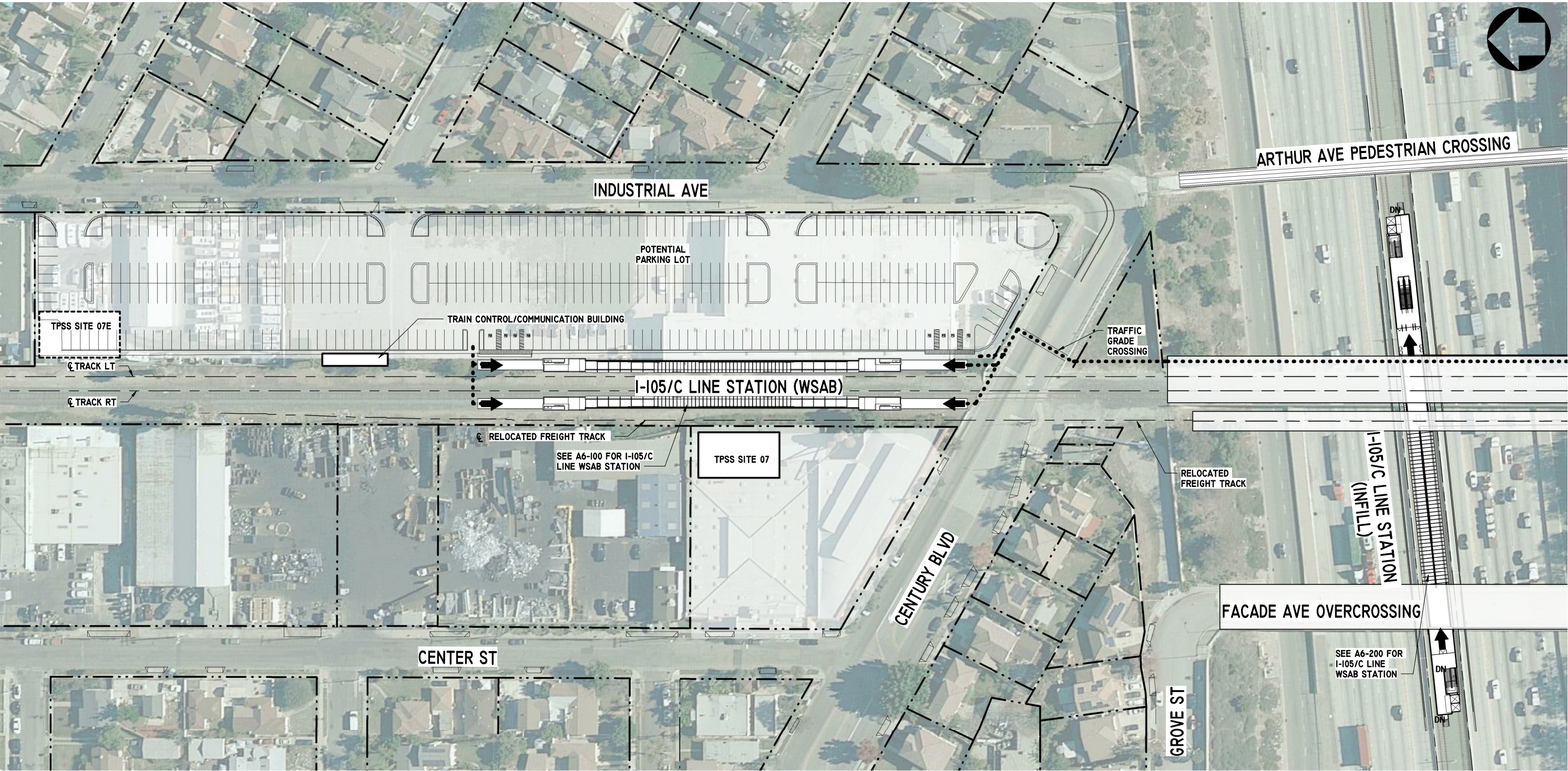
NOT FOR CONSTRUCTION

THE PREPARATION OF THIS DRAWING HAS BEEN FINANCED IN PART THROUGH A GRANT FROM THE U.S. DEPARTMENT OF TRANSPORTATION FEDERAL TRANSIT ADMINISTRATION (FTA). UNDER THE FEDERAL TRANSIT ACT OF 1964, AS AMENDED, AND IN PART BY THE TAXES OF THE CITIZENS OF LOS ANGELES COUNTY AND OF THE STATE OF CALIFORNIA.							DESIGNED BY G. LONTOK	 LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY		WEST SANTA ANA BRANCH LRT ARCHITECTURAL GARDENDALE STATION PLATFORM PLAN AT-GRADE STATION		CONTRACT NO. AE5999300
							DRAWN BY C. HA					DRAWING NO. A5-100
							CHECKED BY J. HUANG					SCALE 1/16" = 1'-0"
							IN CHARGE R. LOYA					SHEET NO. 21 OF 37
REV	DATE	BY	APP	REG. NO.	EXPIRES	SEAL HOLDER	DESCRIPTION	DATE 3/17/2023	515 Figueroa Street Suite 1400 Los Angeles, CA 90071 TEL (213) 362-9470	SUBMITTED _____ APPROVED _____		



FINAL ADVANCED CONCEPTUAL STATIONS DESIGN

THE PREPARATION OF THIS DRAWING HAS BEEN FINANCED IN PART THROUGH A GRANT FROM THE U.S. DEPARTMENT OF TRANSPORTATION FEDERAL TRANSIT ADMINISTRATION (FTA). UNDER THE FEDERAL TRANSIT ACT OF 1964, AS AMENDED, AND IN PART BY THE TAXES OF THE CITIZENS OF LOS ANGELES COUNTY AND OF THE STATE OF CALIFORNIA.								DESIGNED BY G. LONTOK	 LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY  515 Figueroa Street Suite 1400 Los Angeles, CA 90071 TEL (213) 362-9470 SUBMITTED _____ APPROVED _____	WEST SANTA ANA BRANCH LRT ARCHITECTURAL GARDENDALE STATION SECTIONS AT-GRADE STATION				CONTRACT NO AE5999300																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
								DRAWN BY C. HA						DRAWING NO A5-200	REV																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
								CHECKED BY J. HUANG						SCALE AS INDICATED																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
								IN CHARGE R. LOYA						SHEET NO																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
								DATE 3/17/2023						22 OF 37																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
REV	DATE	BY	APP	REG. NO.	EXPIRES	SEAL HOLDER	DESCRIPTION																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																</



OVERALL SITE PLAN
1" = 50'-0"

1
A6-001

LEGEND:

- ACCESSIBLE PATH OF TRAVEL TO STATION ACCESS
- PROPERTY LINE

NOTE:

- 1 - TPSS SITE 07 OPTION
355 PARKING SPACES
6 ADA PARKING SPACES
2 VAN PARKING SPACES
363 TOTAL PARKING SPACES
- 2 - TPSS SITE 07E OPTION
331 PARKING SPACES
6 ADA PARKING SPACES
2 VAN PARKING SPACES
339 TOTAL PARKING SPACES



FINAL ADVANCED CONCEPTUAL STATION DESIGN

NOT FOR CONSTRUCTION

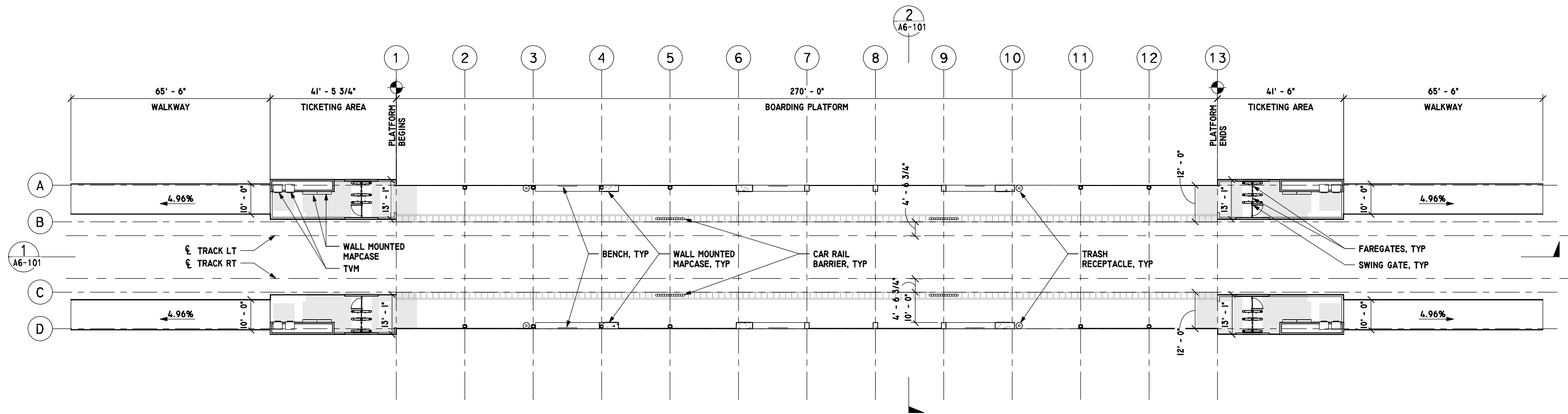
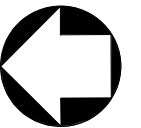
THE PREPARATION OF THIS DRAWING HAS BEEN FINANCED IN PART THROUGH A GRANT FROM THE U.S. DEPARTMENT OF TRANSPORTATION FEDERAL TRANSIT ADMINISTRATION (FTA). UNDER THE FEDERAL TRANSIT ACT OF 1964, AS AMENDED, AND IN PART BY THE TAXES OF THE CITIZENS OF LOS ANGELES COUNTY AND OF THE STATE OF CALIFORNIA.

REV	DATE	BY	APP	REG. NO.	EXPIRES	SEAL HOLDER	DESCRIPTION
I	03/17/23						FINAL STATION DRAWINGS

DESIGNED BY G. LONTOK
DRAWN BY C. HA
CHECKED BY J. HUANG
IN CHARGE R. LOYA
DATE 03/17/23

 Metro	LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY
	444 South Flower Street Suite 800 Los Angeles, CA 90071 TEL (213) 362-9470
SUBMITTED	_____
APPROVED	_____

WEST SANTA ANA BRANCH LRT ARCHITECTURAL I-105/C LINE STATION STATION SITE PLAN AT-GRADE STATION	
CONTRACT NO. AE5999300	REV
DRAWING NO. A6-001	
SCALE 1" = 50'-0"	
SHEET NO. 23 OF 37	



I-105/C LINE WSAB
STATION PLATFORM LEVEL

1/16" = 1'-0"

1
A6-100

LEGEND:

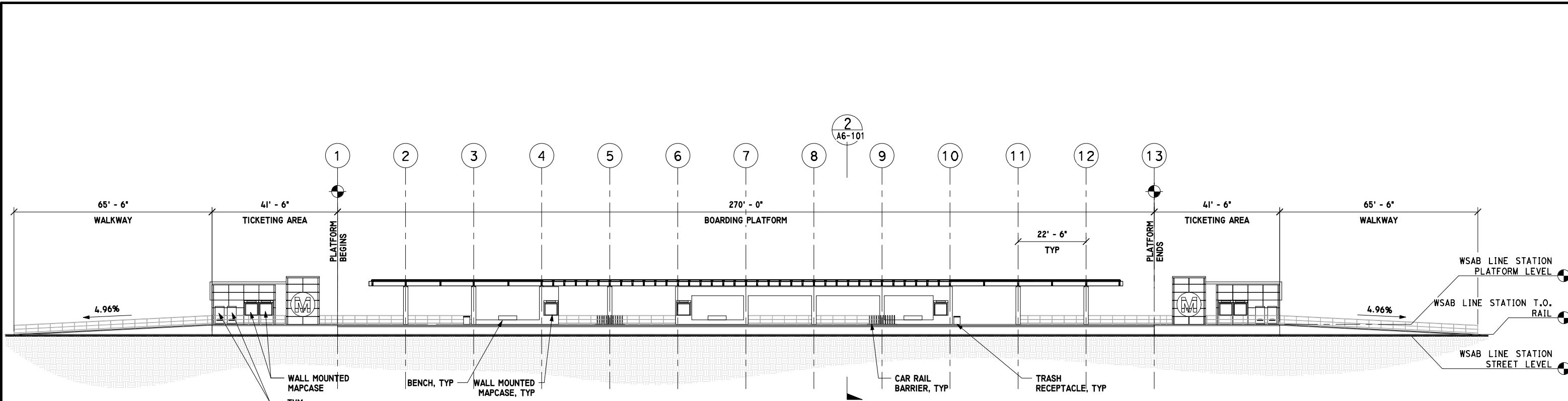
QUEUING ZONE



FINAL ADVANCED CONCEPTUAL STATIONS DESIGN

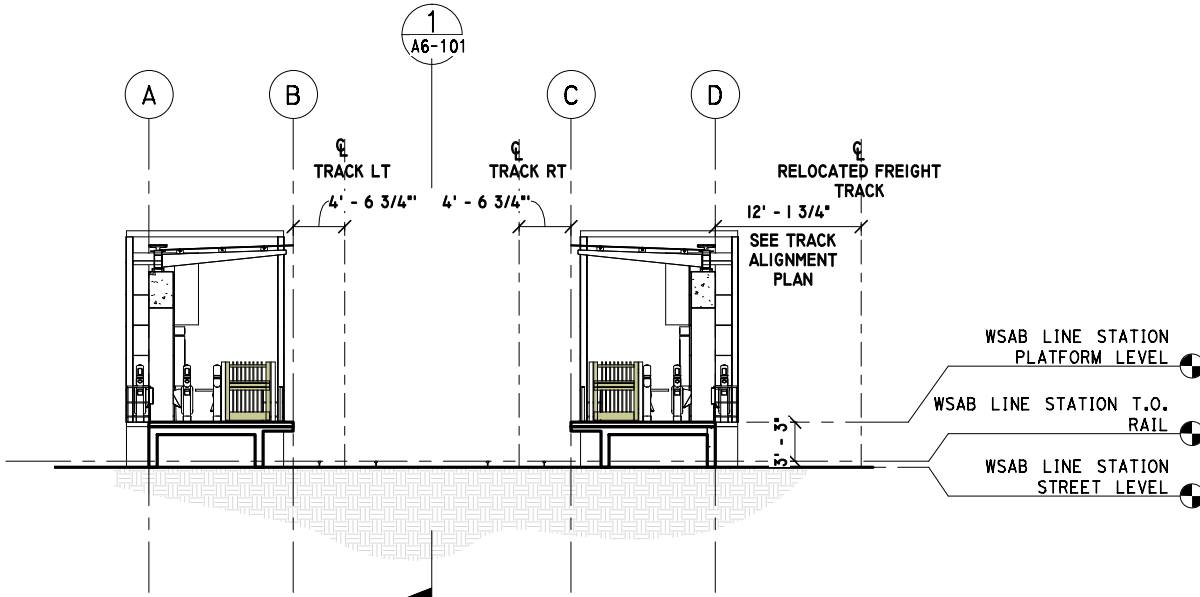
NOT FOR CONSTRUCTION

THE PREPARATION OF THIS DRAWING HAS BEEN FINANCED IN PART THROUGH A GRANT FROM THE U.S. DEPARTMENT OF TRANSPORTATION FEDERAL TRANSIT ADMINISTRATION (FTA). UNDER THE FEDERAL TRANSIT ACT OF 1964, AS AMENDED, AND IN PART BY THE TAXES OF THE CITIZENS OF LOS ANGELES COUNTY AND OF THE STATE OF CALIFORNIA.							DESIGNED BY G. LONTOK	 LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY		WEST SANTA ANA BRANCH LRT ARCHITECTURAL I-105/C LINE STATION PLATFORM PLAN AT-GRADE STATION		CONTRACT NO AE5999300
							DRAWN BY C. HA					DRAWING NO A6-100
							CHECKED BY J. HUANG					SCALE 1/16" = 1'-0"
							IN CHARGE R. LOYA					SHEET NO 24 OF 37
REV	DATE	BY	APP	REG. NO.	EXPIRES	SEAL HOLDER	DESCRIPTION	DATE 03/17/23	515 Figueroa Street Suite 1400 Los Angeles, CA 90071 TEL (213) 362-9470		SUBMITTED APPROVED	



I-105/C LINE WSAB
STATION LONGITUDINAL
SECTION

1
A6-101



I-105/C LINE WSAB
STATION TRANSVERSE
SECTION

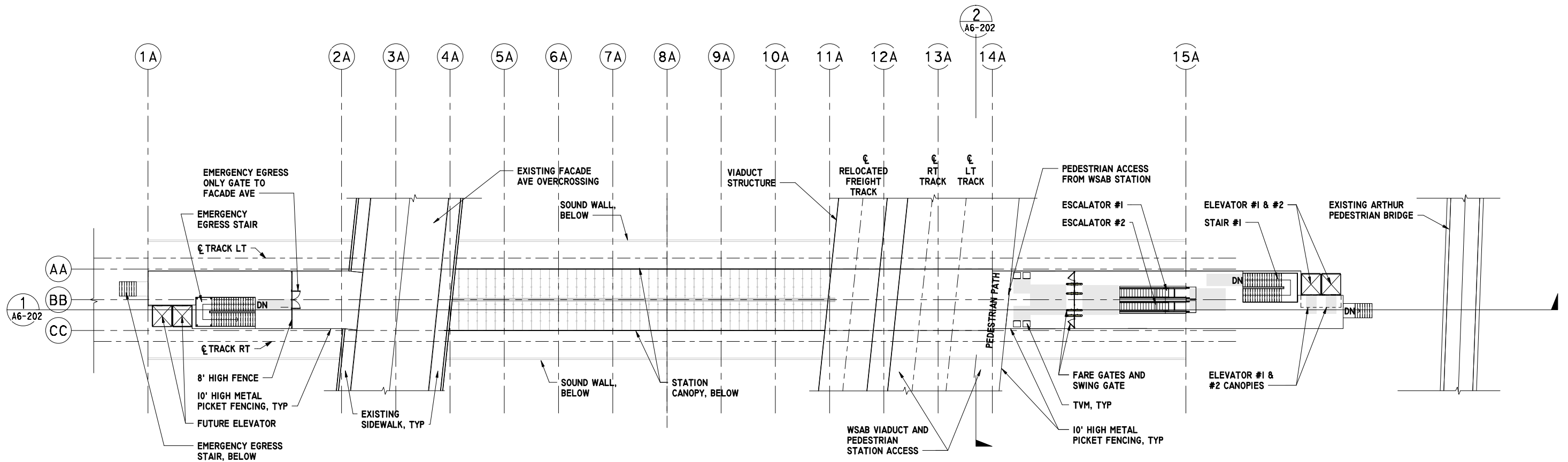
2
A6-101



FINAL ADVANCED CONCEPTUAL STATIONS DESIGN

NOT FOR CONSTRUCTION

THE PREPARATION OF THIS DRAWING HAS BEEN FINANCED IN PART THROUGH A GRANT FROM THE U.S. DEPARTMENT OF TRANSPORTATION FEDERAL TRANSIT ADMINISTRATION (FTA). UNDER THE FEDERAL TRANSIT ACT OF 1964, AS AMENDED, AND IN PART BY THE TAXES OF THE CITIZENS OF LOS ANGELES COUNTY AND OF THE STATE OF CALIFORNIA.								DESIGNED BY G. LONTOK		M Metro wsp 515 Figueroa Street Suite 1400 Los Angeles, CA 90071 TEL (213) 362-9470 LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY		WEST SANTA ANA BRANCH LRT ARCHITECTURAL I-105/C LINE STATION SECTIONS AT-GRADE STATION		CONTRACT NO AE5999300		
								DRAWN BY C. HA						DRAWING NO A6-101		REV
								CHECKED BY J. HUANG						SCALE AS INDICATED		
								IN CHARGE R. LOYA						SHEET NO 25 OF 37		
								DATE 03/17/23								
REV	DATE	BY	APP	REG. NO.	EXPIRES	SEAL HOLDER	DESCRIPTION									
I	03/17/23						FINAL STATION DRAWINGS									



BRIDGE LEVEL - PLAN
3/64" = 1'-0"

1
A6-200

LEGEND:

QUEUING ZONE

NOTES:

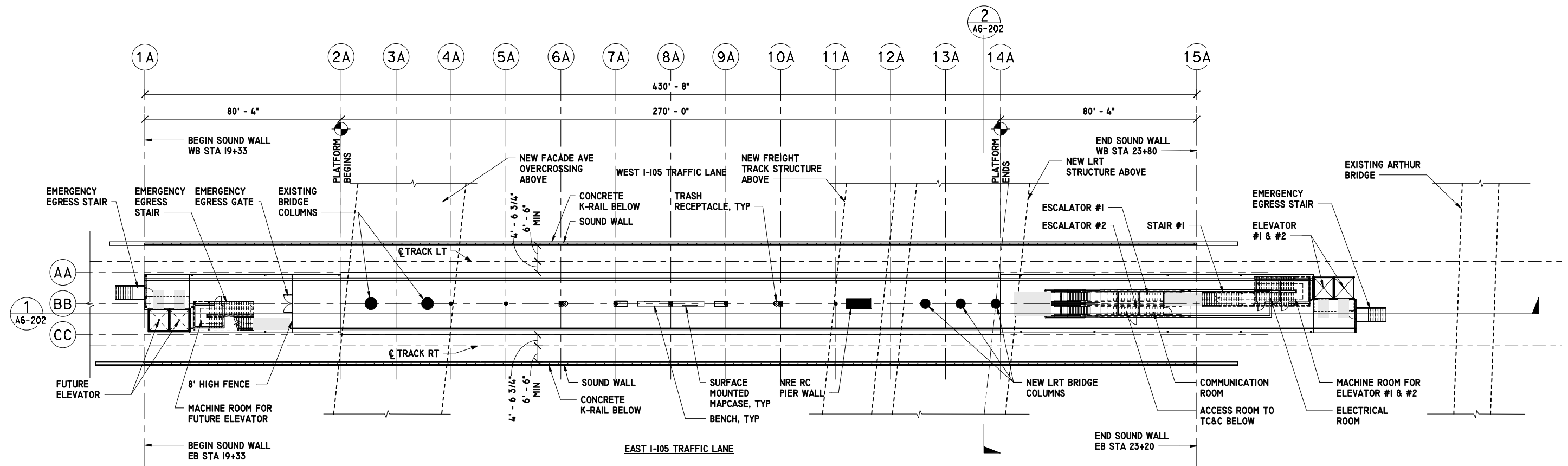
METRO SHOULD SEEK TO IDENTIFY A DOMESTIC MANUFACTURER OF A CRASH WORTHY TRANSPARENT SOUNDWALL MATERIAL, OR CONSIDER SEEKING A WAIVER FROM THE BUY AMERICA PROVISIONS IN ORDER TO PROVIDE A CRASH WORTHY TRANSPARENT SOUNDWALL



FINAL ADVANCED CONCEPTUAL STATIONS DESIGN

NOT FOR CONSTRUCTION

THE PREPARATION OF THIS DRAWING HAS BEEN FINANCED IN PART THROUGH A GRANT FROM THE U.S. DEPARTMENT OF TRANSPORTATION FEDERAL TRANSIT ADMINISTRATION (FTA). UNDER THE FEDERAL TRANSIT ACT OF 1964, AS AMENDED, AND IN PART BY THE TAXES OF THE CITIZENS OF LOS ANGELES COUNTY AND OF THE STATE OF CALIFORNIA.							DESIGNED BY G. LONTOK	M Metro wsp 444 South Flower Street Suite 800 Los Angeles, CA 90071 TEL (213) 362-9470	LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY		WEST SANTA ANA BRANCH LRT ARCHITECTURAL I-105/C LINE STATION STATION BRIDGE PLAN AT-GRADE STATION		CONTRACT NO AE5999300
							DRAWN BY C. HA				DRAWING NO A6-200	REV	
							CHECKED BY J. HUANG				SCALE 3/64" = 1'-0"		
							IN CHARGE R. LOYA				SHEET NO 26 OF 37		
							DATE 03/17/23						
REV	DATE	BY	APP	REG. NO.	EXPIRES	SEAL HOLDER	DESCRIPTION			SUBMITTED			
										APPROVED			



PLATFORM LEVEL
3/64" = 1'-0"

1
A6-201

LEGEND:

QUEUING ZONE

NOTE:

1 - METRO SHOULD SEEK TO IDENTIFY A DOMESTIC MANUFACTURER OF A CRASH WORTHY TRANSPARENT SOUNDWALL MATERIAL, OR CONSIDER SEEKING A WAIVER FROM THE BUY AMERICA PROVISIONS IN ORDER TO PROVIDE A CRASH WORTHY TRANSPARENT SOUNDWALL



FINAL ADVANCED CONCEPTUAL STATIONS DESIGN

THE PREPARATION OF THIS DRAWING HAS BEEN FINANCED IN PART THROUGH A GRANT FROM THE U.S. DEPARTMENT OF TRANSPORTATION FEDERAL TRANSIT ADMINISTRATION (FTA). UNDER THE FEDERAL TRANSIT ACT OF 1964, AS AMENDED, AND IN PART BY THE TAXES OF THE CITIZENS OF LOS ANGELES COUNTY AND OF THE STATE OF CALIFORNIA.

REV	DATE	BY	APP	REG. NO.	EXPIRES	SEAL HOLDER	DESCRIPTION
I	03/17/23						FINAL STATION DRAWINGS

DESIGNED BY G. LONTOK
DRAWN BY C. HA
CHECKED BY J. HUANG
IN CHARGE R. LOYA
DATE 03/17/23



LOS ANGELES COUNTY
METROPOLITAN TRANSPORTATION AUTHORITY

515 Figueroa Street
Suite 1400
Los Angeles, CA 90071
TEL (213) 362-9470

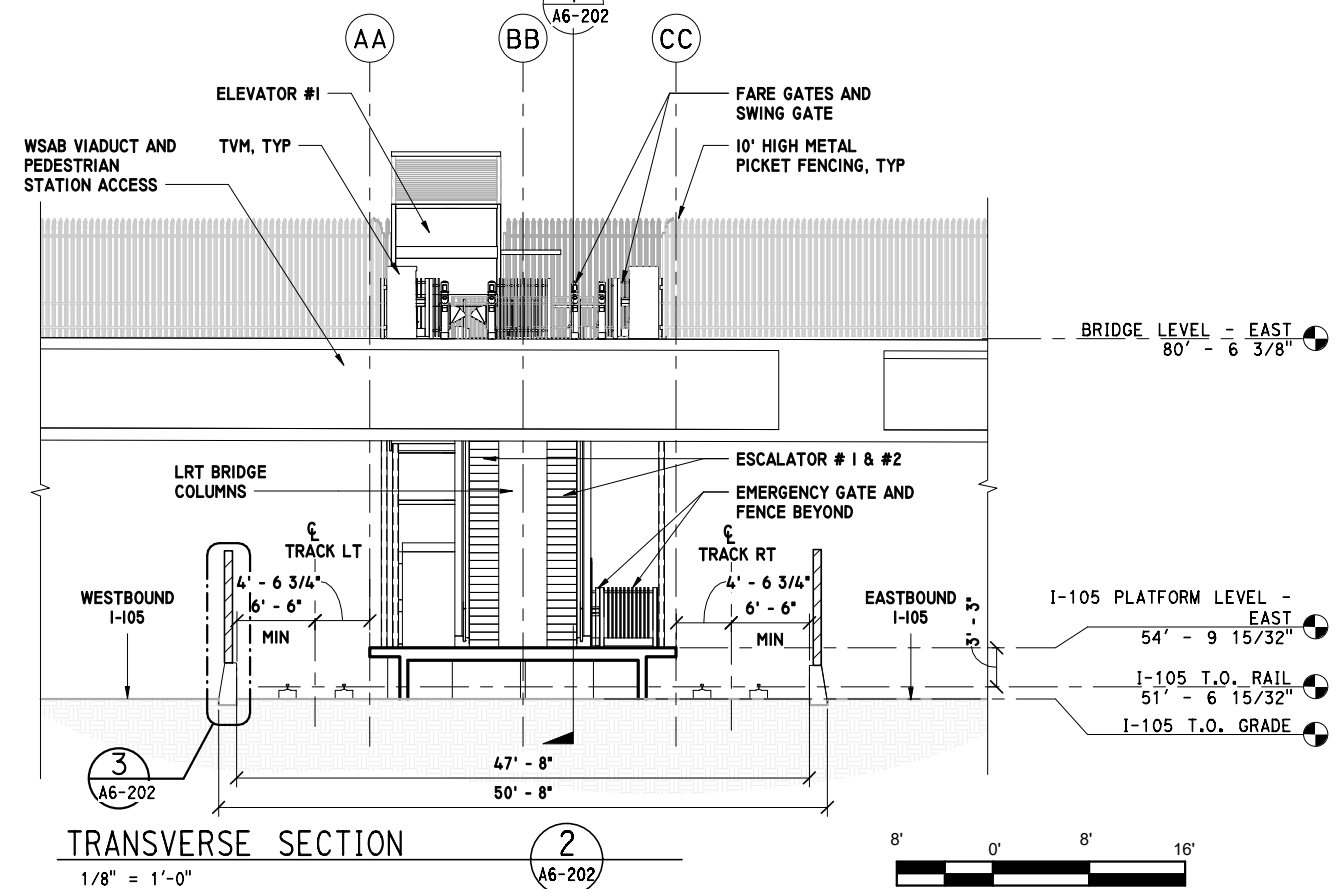
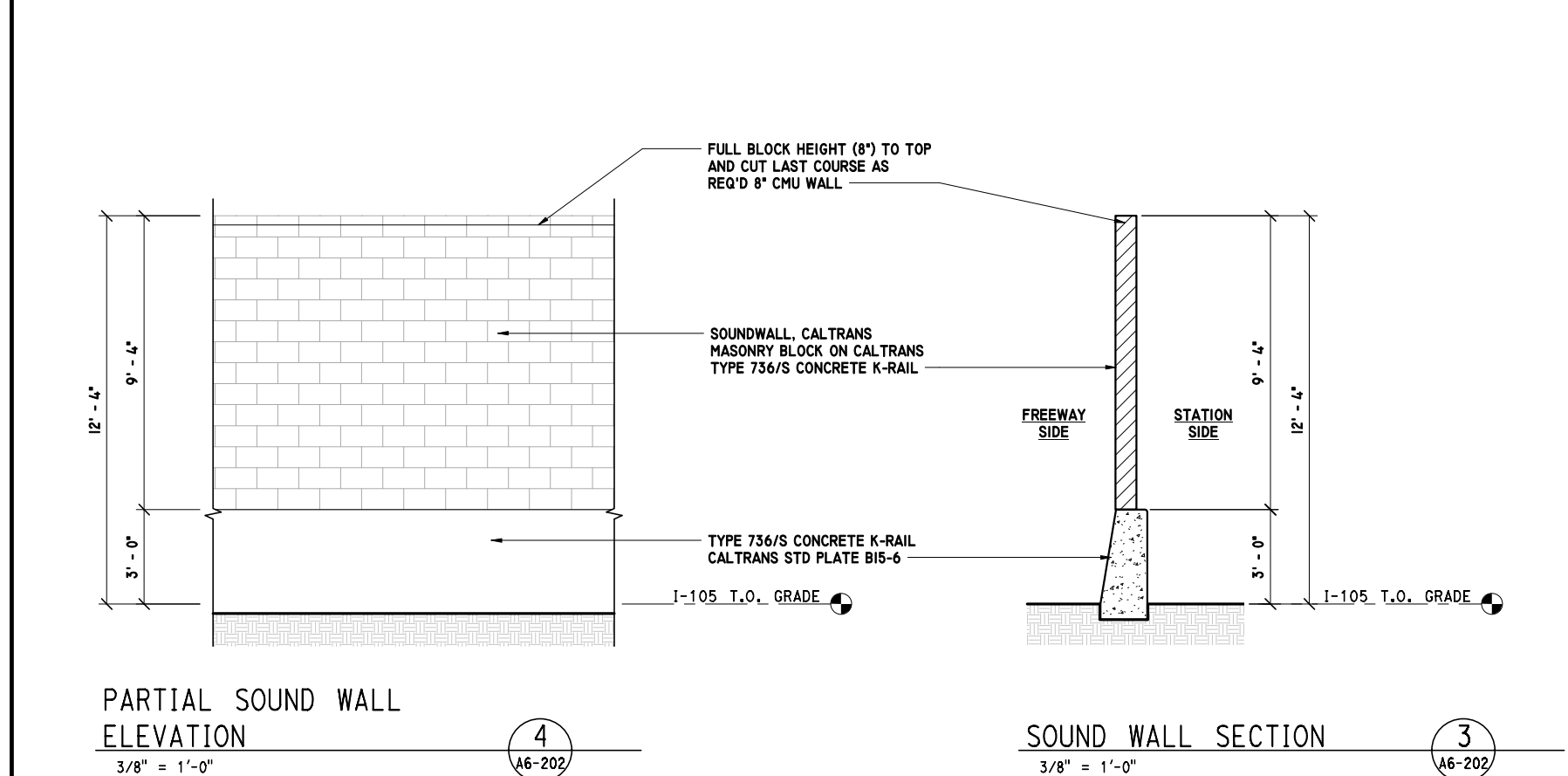
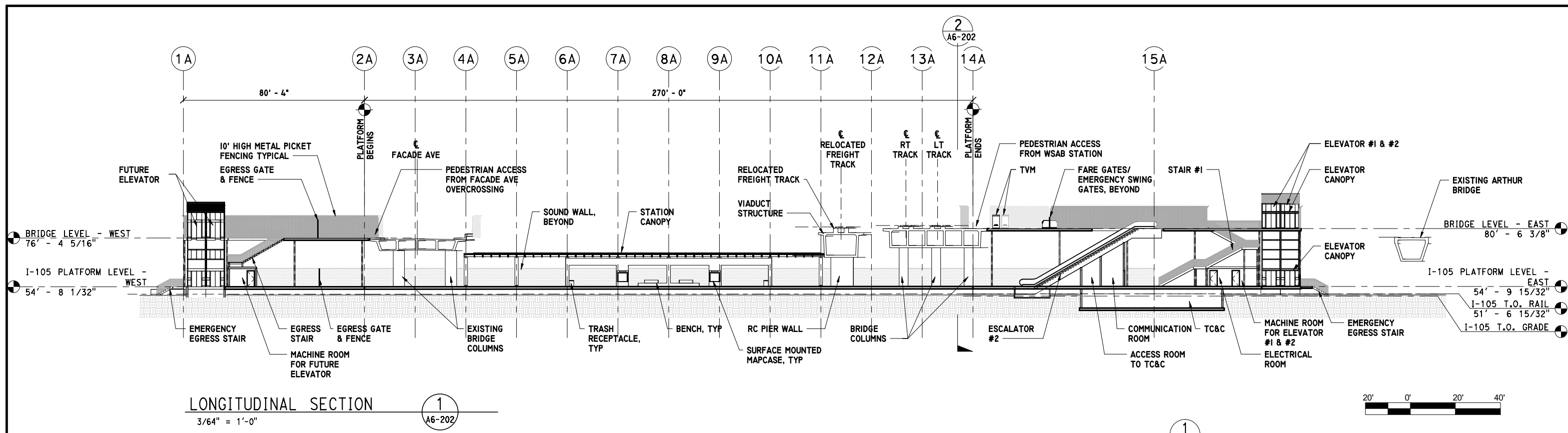
SUBMITTED
APPROVED

WEST SANTA ANA BRANCH LRT
ARCHITECTURAL
I-105/C LINE STATION
PLATFORM PLAN
AT-GRADE STATION

CONTRACT NO AE5999300
DRAWING NO A6-201
SCALE 3/64" = 1'-0"
SHEET NO 27 OF 37

3/17/2023 9:56:08 AM

This document is 1:1 when printed on a 22" x 34" sheet. It is 1/2 on 11" x 17" sheet.



FINAL ADVANCED CONCEPTUAL STATIONS DESIGN

NOT FOR CONSTRUCTION

CONTRACT NO. AE5999300

DRAWING NO. A6-202

SCALE AS INDICATED

SHEET NO. 28 OF 37

THE PREPARATION OF THIS DRAWING HAS BEEN FINANCED IN PART THROUGH A GRANT FROM THE U.S. DEPARTMENT OF TRANSPORTATION FEDERAL TRANSIT ADMINISTRATION (FTA), UNDER THE FEDERAL TRANSIT ACT OF 1964, AS AMENDED, AND IN PART BY THE TAXES OF THE CITIZENS OF LOS ANGELES COUNTY AND OF THE STATE OF CALIFORNIA.							DESIGNED BY G. LONTOK DRAWN BY G. HA CHECKED BY J. HUANG IN CHARGE R. LOYA DATE 03/17/23							515 Figueroa Street Suite 1400 Los Angeles, CA 90071 TEL (213) 362-9470							SUBMITTED _____ APPROVED _____						
I 03/17/23 BY APP REG. NO. EXPIRES SEAL HOLDER							FINAL STATION DRAWINGS							DESCRIPTION													

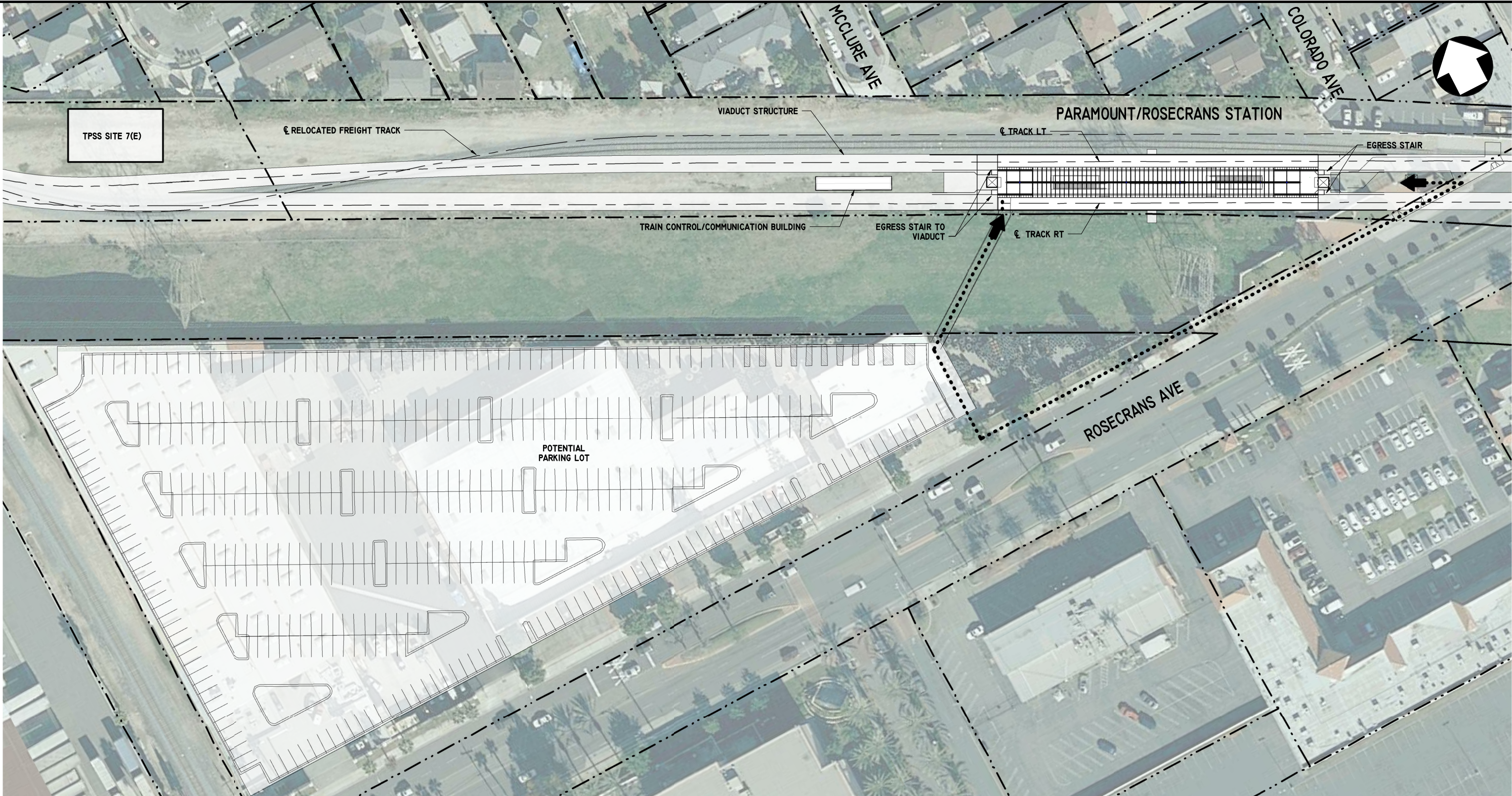
LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY

Metro

wsp

WEST SANTA ANA BRANCH LRT ARCHITECTURAL I-105/C LINE STATION SECTIONS AT-GRADE STATION

3/17/2023 9:41:07 AM



SITE PLAN
1" = 40'-0"

1
A7-001

LEGEND:

- ACCESSIBLE PATH OF TRAVEL TO STATION ACCESS
- PROPERTY LINE

NOTE:

- 1 - 487 POTENTIAL PARKING SPACES
476 PARKING SPACES
10 ADA PARKING SPACES
1 VAN PARKING SPACE
 - 2 - PARKING LOT CAN BE UTILIZED AS A FUTURE POTENTIAL JOINT DEVELOPMENT SITE.
- AREA PARKING LOT
3.77 ACRE



DRAFT ADVANCED CONCEPTUAL STATIONS DESIGN

THE PREPARATION OF THIS DRAWING HAS BEEN FINANCED IN PART THROUGH A GRANT FROM THE U.S. DEPARTMENT OF TRANSPORTATION FEDERAL TRANSIT ADMINISTRATION (FTA). UNDER THE FEDERAL TRANSIT ACT OF 1964, AS AMENDED, AND IN PART BY THE TAXES OF THE CITIZENS OF LOS ANGELES COUNTY AND OF THE STATE OF CALIFORNIA.

REV	DATE	BY	APP	REG. NO.	EXPIRES	SEAL HOLDER	DESCRIPTION
							REVISED MAY 2022

DESIGNED BY G. LONTOK
DRAWN BY A. NAPOLES
CHECKED BY J. HUANG
IN CHARGE R. LOYA
DATE 12/12/2022

**Metro**

LOS ANGELES COUNTY
METROPOLITAN TRANSPORTATION AUTHORITY

 515 Figueroa Street
Suite 1400
Los Angeles, CA 90071
TEL (213) 362-9470

SUBMITTED _____
APPROVED _____

WEST SANTA ANA BRANCH LRT
ARCHITECTURAL
PARAMOUNT/ROSECRANS STATION
STATION SITE PLAN
AERIAL STATION

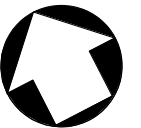
CONTRACT NO
AE5999300

DRAWING NO
A7-001

SCALE
1" = 40'-0"

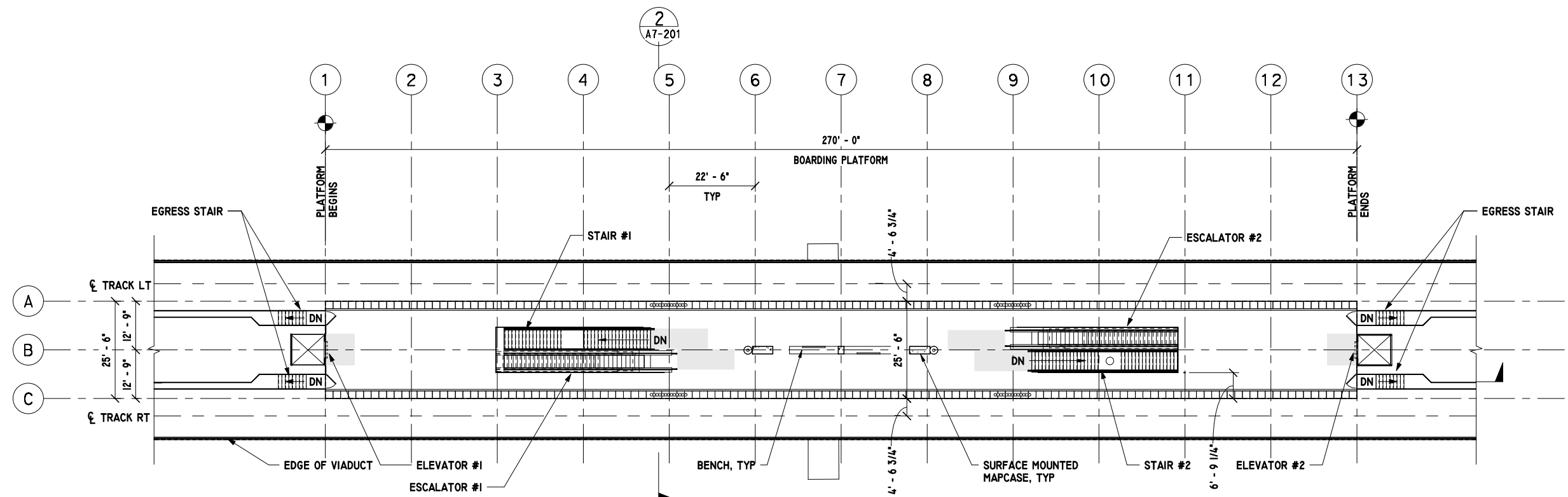
SHEET NO
29 OF 37

NOT FOR CONSTRUCTION



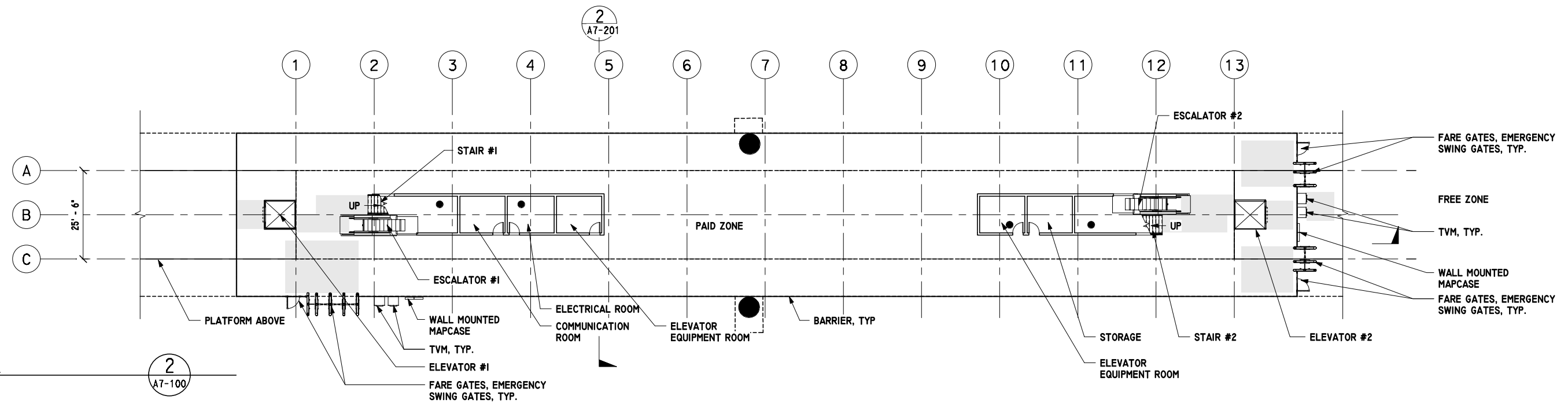
PLATFORM LEVEL

1/16" = 1'-0"



PLAZA LEVEL

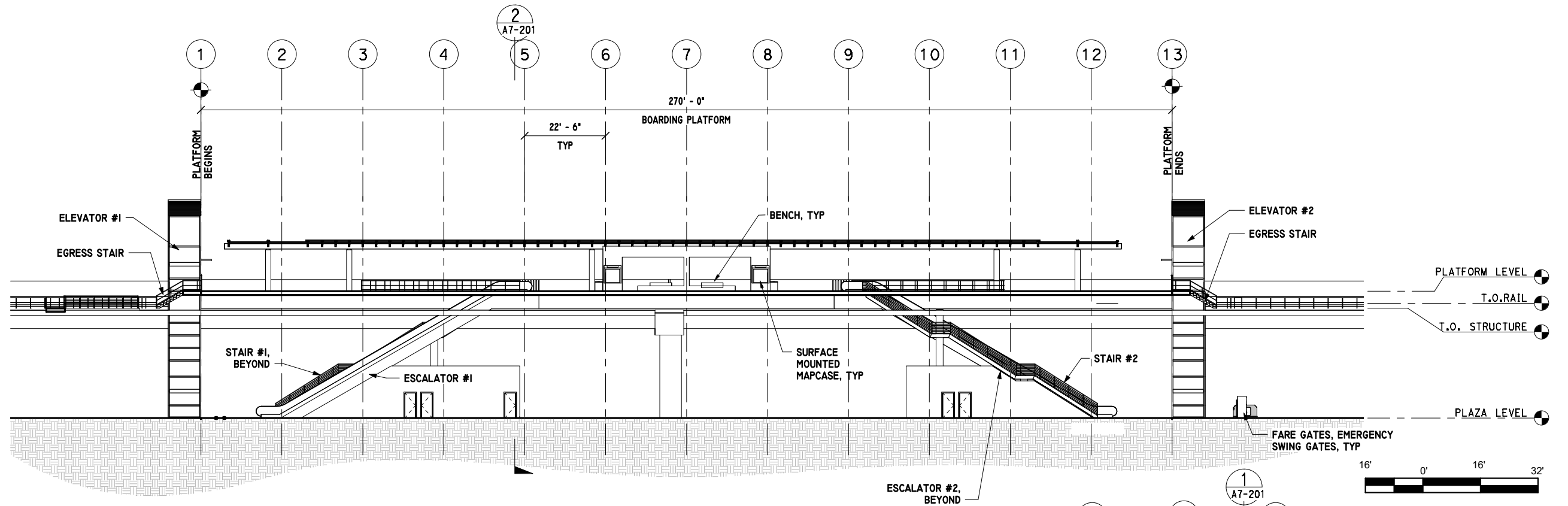
1/16" = 1'-0"



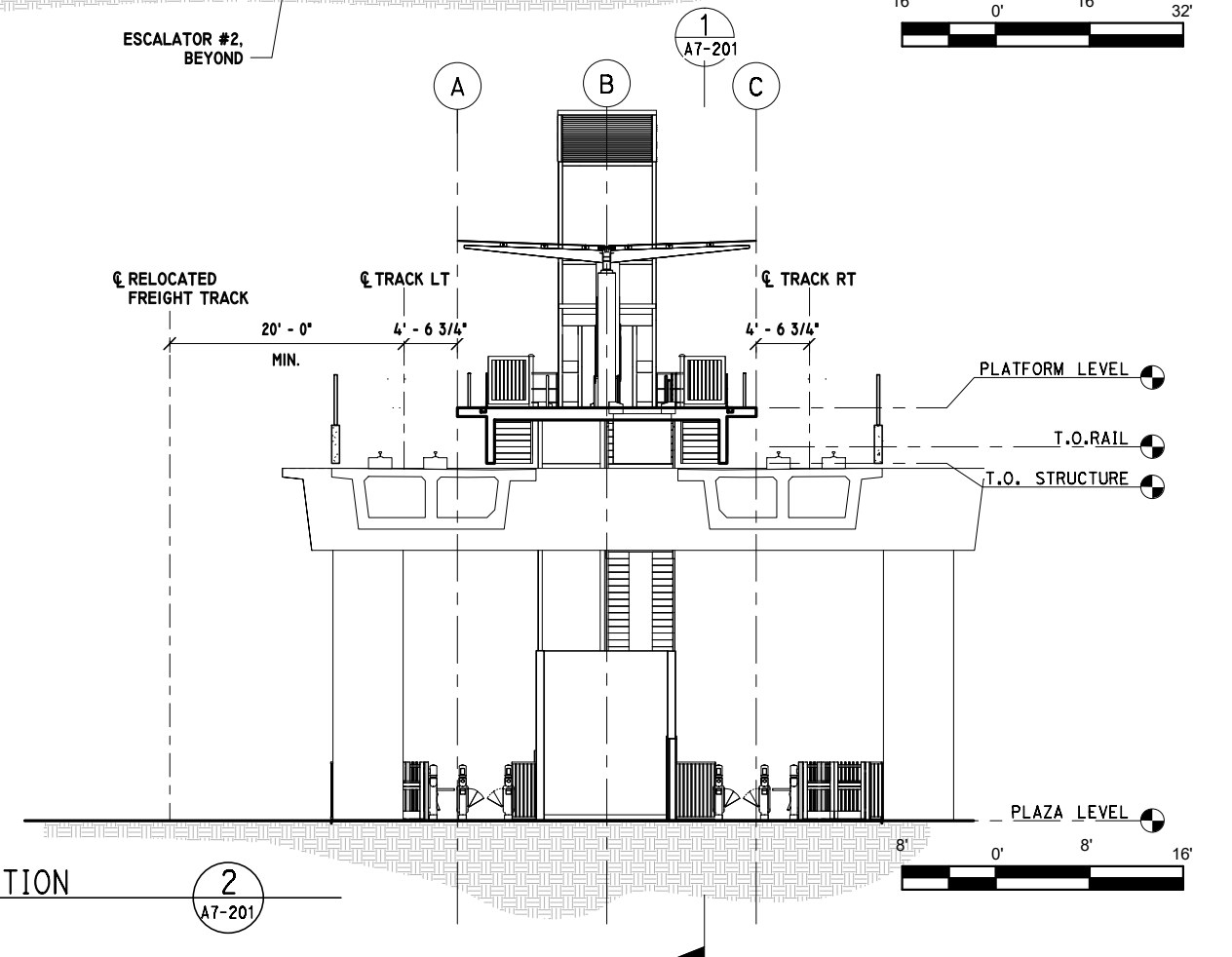
FINAL ADVANCED CONCEPTUAL STATIONS DESIGN

NOT FOR CONSTRUCTION

THE PREPARATION OF THIS DRAWING HAS BEEN FINANCED IN PART THROUGH A GRANT FROM THE U.S. DEPARTMENT OF TRANSPORTATION FEDERAL TRANSIT ADMINISTRATION (FTA). UNDER THE FEDERAL TRANSIT ACT OF 1964, AS AMENDED, AND IN PART BY THE TAXES OF THE CITIZENS OF LOS ANGELES COUNTY AND OF THE STATE OF CALIFORNIA.							DESIGNED BY G. LONTOK	 LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY		WEST SANTA ANA BRANCH LRT ARCHITECTURAL PARAMOUNT/ROSECRANS STATION PLANS AERIAL STATION		CONTRACT NO AE5999300
							DRAWN BY C. HA					DRAWING NO A7-100
REV							CHECKED BY J. HUANG	 515 Figueroa Street Suite 1400 Los Angeles, CA 90071 TEL (213) 362-9470		SUBMITTED _____ APPROVED _____		SCALE 1/16" = 1'-0"
							IN CHARGE R. LOYA					SHEET NO 30 OF 37
3/17/23							DATE 3/17/2023					
FINAL STATION DRAWINGS												
DESCRIPTION												



LONGITUDINAL SECTION
1/16" = 1'-0"
1
A7-201



TRANSVERSE SECTION
1/8" = 1'-0"
2
A7-201

FINAL ADVANCED CONCEPTUAL STATIONS DESIGN

THE PREPARATION OF THIS DRAWING HAS BEEN FINANCED IN PART THROUGH A GRANT FROM THE U.S. DEPARTMENT OF TRANSPORTATION FEDERAL TRANSIT ADMINISTRATION (FTA). UNDER THE FEDERAL TRANSIT ACT OF 1964, AS AMENDED, AND IN PART BY THE TAXES OF THE CITIZENS OF LOS ANGELES COUNTY AND OF THE STATE OF CALIFORNIA.

REV	DATE	BY	APP	REG. NO.	EXPIRES	SEAL HOLDER	DESCRIPTION
	3/17/23						FINAL STATION DRAWINGS

DESIGNED BY G. LONTOK
DRAWN BY C. HA
CHECKED BY J. HUANG
IN CHARGE R. LOYA
DATE 3/17/2023



515 Figueroa Street
Suite 1400
Los Angeles, CA 90071
TEL (213) 362-9470

LOS ANGELES COUNTY
METROPOLITAN TRANSPORTATION AUTHORITY

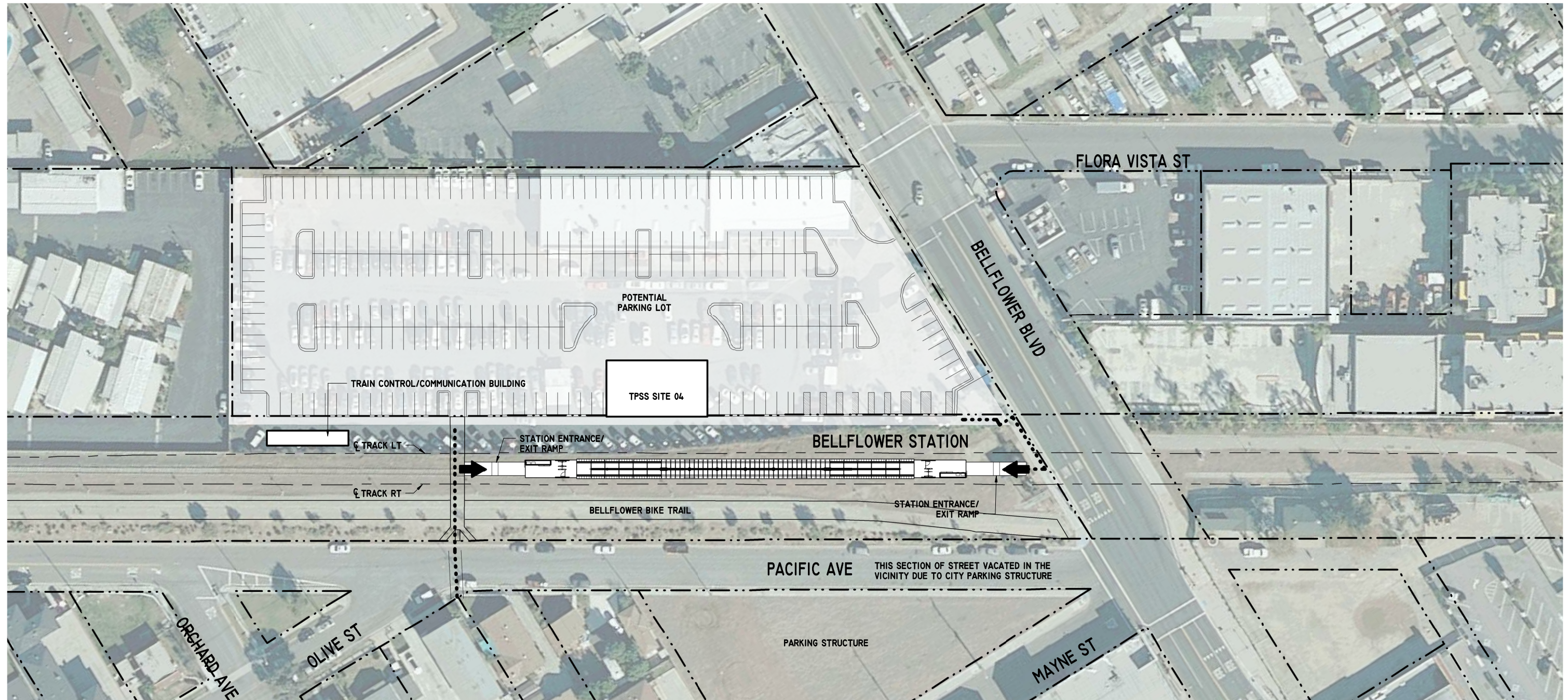
SUBMITTED
APPROVED

WEST SANTA ANA BRANCH LRT
ARCHITECTURAL
PARAMOUNT/ROSECRANS STATION
SECTIONS
AERIAL STATION

CONTRACT NO. AE5999300
DRAWING NO. A7-201
SCALE AS INDICATED
SHEET NO. 31 OF 37

3/16/2023 6:17:17 PM

This document is 1:1 when printed on a 22" x 34" sheet. It is 1:2 on 11" x 17" sheet.



1
A8-001

40' 0' 40' 80'

CONTRACT NO AE5999300	
DRAWING NO A8-001	REV
SCALE 1" = 40'-0"	
SHEET NO 32 OF 37	

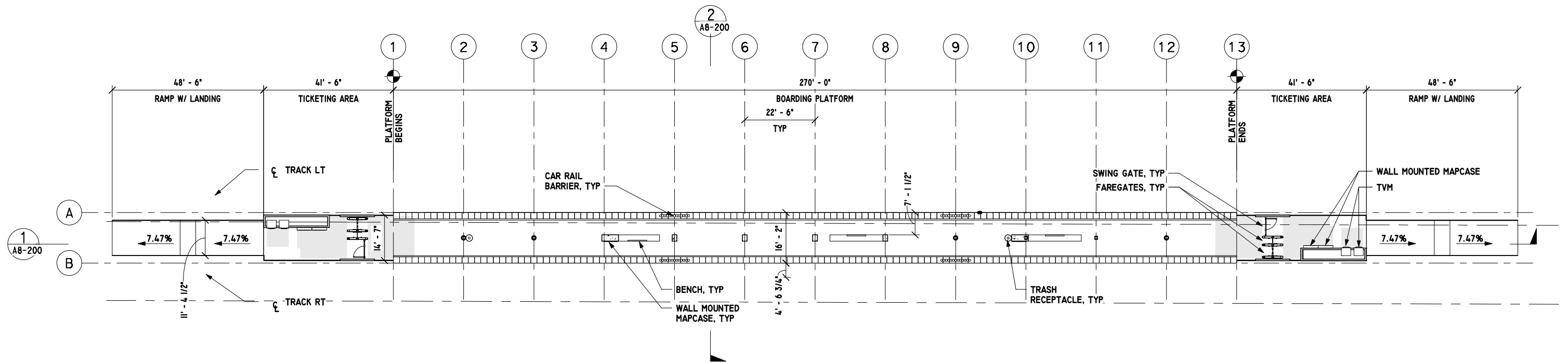
							REVISED MAY 2022
REV	DATE	BY	APP	REG. NO.	EXPIRES	SEAL HOLDER	DESCRIPTION

REVISÉ MAY 2022

DESIGNED BY	G.LONTOK
DRAWN BY	C. HA
CHECKED BY	J. HUANG
IN CHARGE	R. LOYA
DATE	3/17/2023

12/19/2023 10:22:16 PM

This document is 1:1 when printed on a 22" x 34" sheet, it is 1:2 on 11" x 17" sheet



PLATFORM PLAN
1/16" = 1'-0"

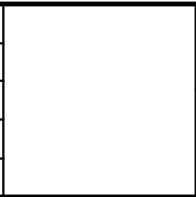


FINAL ADVANCED CONCEPTUAL STATIONS DESIGN

THE PREPARATION OF THIS DRAWING HAS BEEN FINANCED IN PART THROUGH A GRANT FROM THE U.S. DEPARTMENT OF TRANSPORTATION FEDERAL TRANSIT ADMINISTRATION (FTA). UNDER THE FEDERAL TRANSIT ACT OF 1964, AS AMENDED, AND IN PART BY THE TAXES OF THE CITIZENS OF LOS ANGELES COUNTY AND OF THE STATE OF CALIFORNIA.

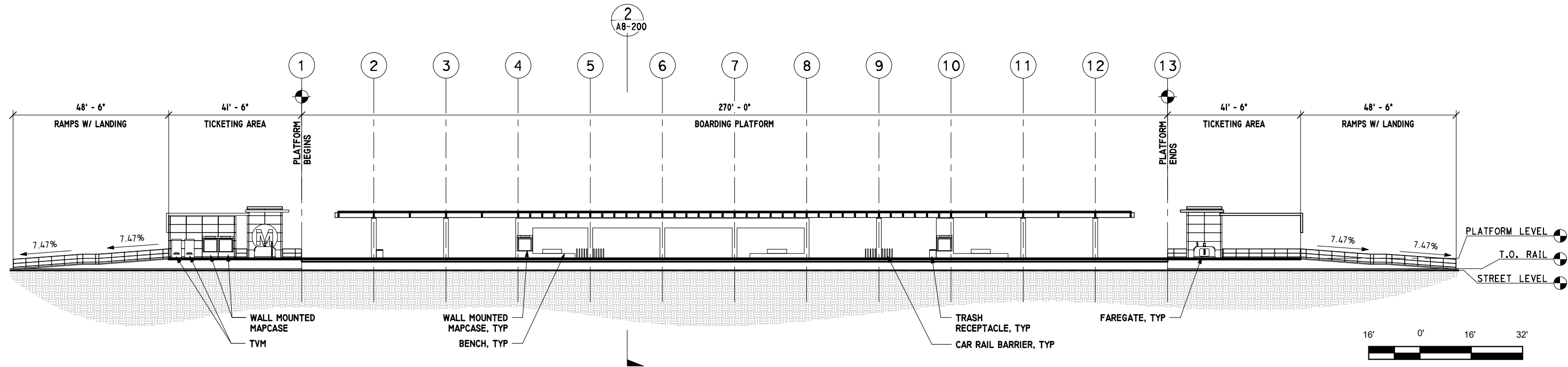
REV	DATE	BY	APP	REG. NO.	EXPIRES	SEAL HOLDER	DESCRIPTION
	3/17/23						FINAL STATION DRAWINGS

DESIGNED BY G. LONTOK
DRAWN BY C. HA
CHECKED BY J. HUANG
IN CHARGE R. LOYA
DATE 3/17/2023

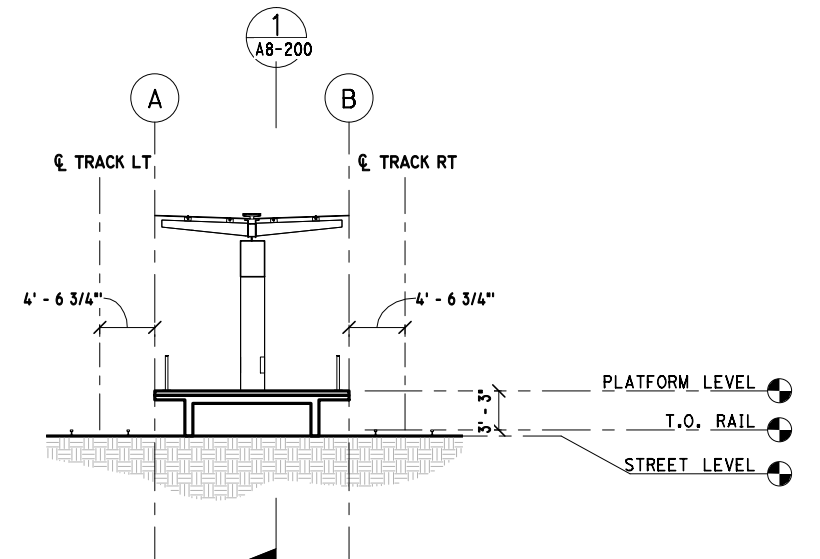


Metro	LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY
wsp	515 Figueroa Street Suite 1400 Los Angeles, CA 90071 TEL (213) 362-9470
SUBMITTED	_____
APPROVED	_____

WEST SANTA ANA BRANCH LRT ARCHITECTURAL BELLFLOWER STATION PLATFORM PLAN AT-GRADE STATION		CONTRACT NO. AE5999300
DRAWING NO. A8-100	REV	
SCALE 1/16" = 1'-0"		
SHEET NO. 33 OF 37		



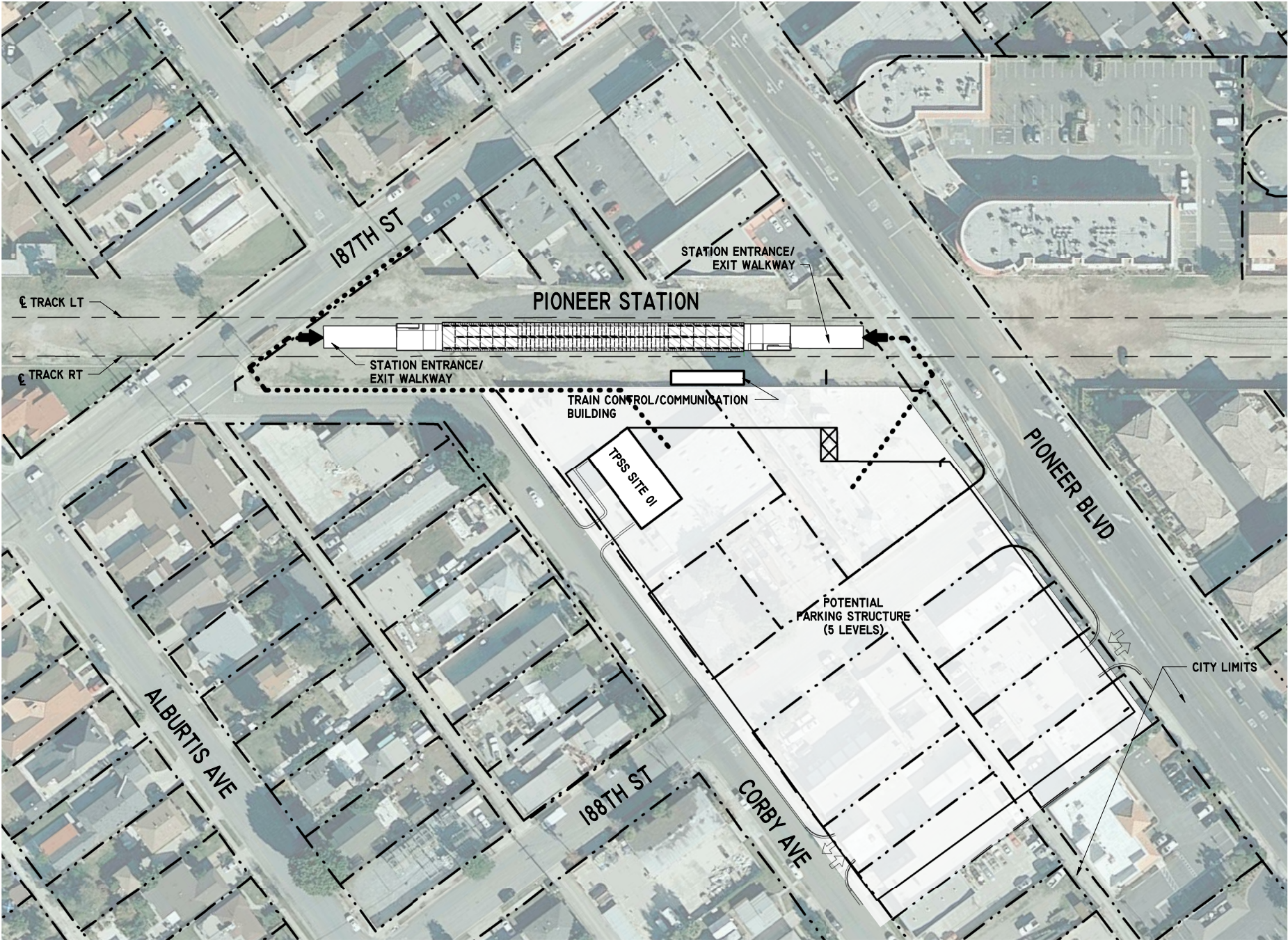
LONGITUDINAL SECTION 1
1/16" = 1'-0" A8-200



TRANSVERSE SECTION 2
1/8" = 1'-0" A8-200

FINAL ADVANCED CONCEPTUAL STATIONS DESIGN

THE PREPARATION OF THIS DRAWING HAS BEEN FINANCED IN PART THROUGH A GRANT FROM THE U.S. DEPARTMENT OF TRANSPORTATION FEDERAL TRANSIT ADMINISTRATION (FTA). UNDER THE FEDERAL TRANSIT ACT OF 1964, AS AMENDED, AND IN PART BY THE TAXES OF THE CITIZENS OF LOS ANGELES COUNTY AND OF THE STATE OF CALIFORNIA.									DESIGNED BY G. LONTOK	M Metro wsp 515 Figueroa Street Suite 1400 Los Angeles, CA 90071 TEL (213) 362-9470 LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY SUBMITTED APPROVED	WEST SANTA ANA BRANCH LRT ARCHITECTURAL BELLFLOWER STATION SECTIONS AT-GRADE STATION	CONTRACT NO AE5999300	
								DRAWN BY C. HA	DRAWING NO A8-200			REV	
								CHECKED BY J/ HUANG	SCALE AS INDICATED				
								IN CHARGE R. LOYA	SHEET NO 34 OF 37				
		3/17/23						FINAL STATION DRAWINGS					
	REV	DATE	BY	APP	REG. NO.	EXPIRES	SEAL HOLDER	DESCRIPTION					



SITE PLAN
1" = 60'-0"

1
A9-001

LEGEND:

- ACCESSIBLE PATH OF TRAVEL TO STATION ACCESS
- - - - PROPERTY LINE

NOTE:

1085 PARKING SPACES
17 ADA PARKING SPACES
4 VAN PARKING SPACES
1106 TOTAL POTENTIAL PARKING SPACES
AREA PARKING LOT
3.26 ACRE



FINAL ADVANCED CONCEPTUAL STATIONS DESIGN

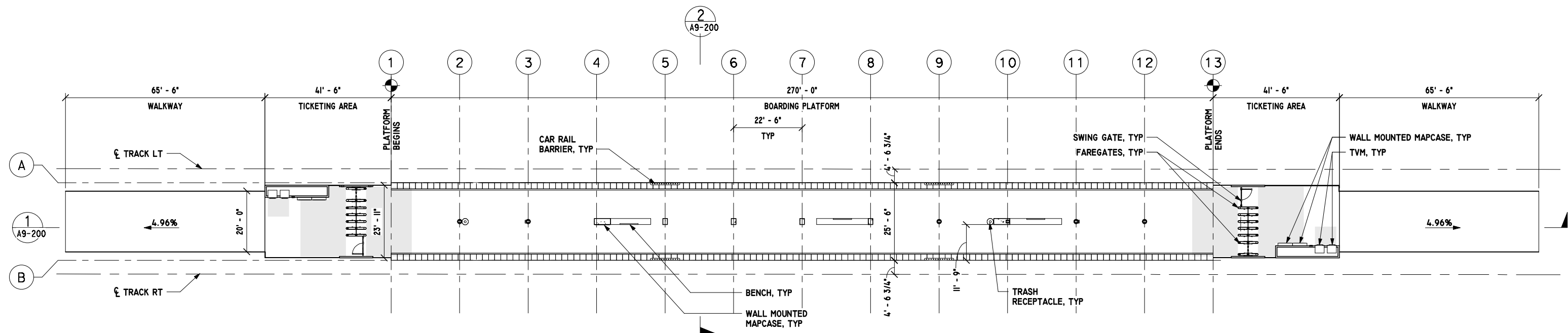
THE PREPARATION OF THIS DRAWING HAS BEEN FINANCED IN PART THROUGH A GRANT FROM THE U.S. DEPARTMENT OF TRANSPORTATION FEDERAL TRANSIT ADMINISTRATION (FTA). UNDER THE FEDERAL TRANSIT ACT OF 1964, AS AMENDED, AND IN PART BY THE TAXES OF THE CITIZENS OF LOS ANGELES COUNTY AND OF THE STATE OF CALIFORNIA.

	3/17/23								
REV	DATE	BY	APP	REG. NO.	EXPIRES	SEAL HOLDER	FINAL STATION DRAWINGS		
							DESCRIPTION		

DESIGNED BY G. LONTOK
DRAWN BY C. HA
CHECKED BY J. HUANG
IN CHARGE R. LOYA
DATE 3/17/2023

 wsp	LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY	
	515 Figueroa Street Suite 1400 Los Angeles, CA 90071 TEL (213) 362-9470	SUBMITTED _____ APPROVED _____

WEST SANTA ANA BRANCH LRT		CONTRACT NO AE5999300
ARCHITECTURAL		DRAWING NO A9-001
PIONEER STATION		SCALE 1" = 60'-0"
STATION SITE PLAN		SHEET NO 35 OF 37
AT-GRADE STATION		



PLATFORM PLAN

1/16" = 1'-0"

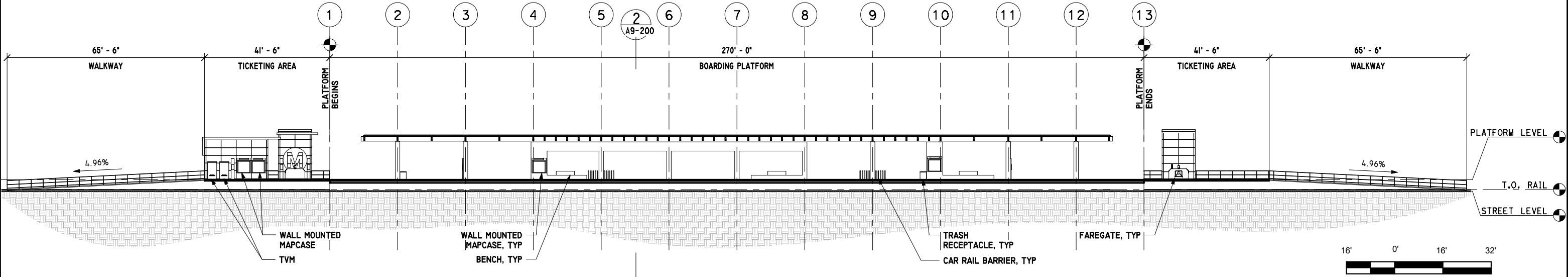
1
A9-100



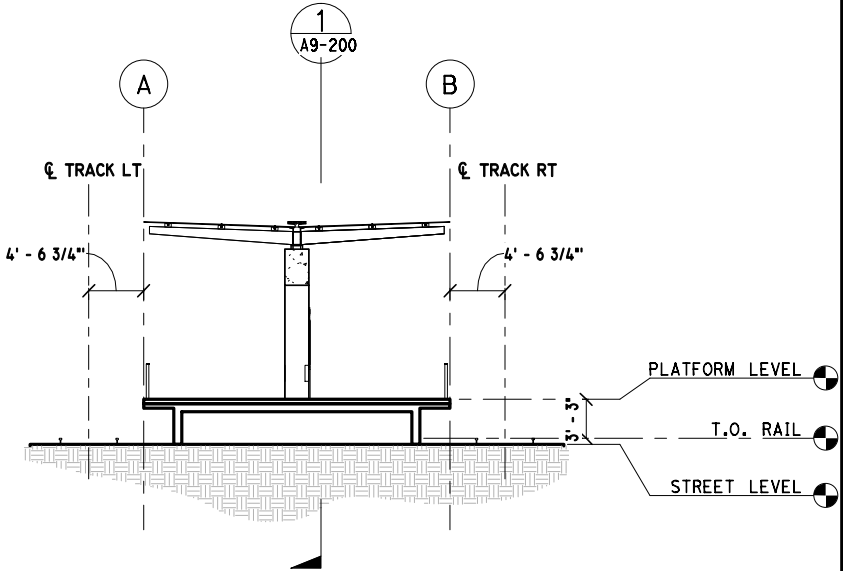
FINAL ADVANCED CONCEPTUAL STATIONS DESIGN

NOT FOR CONSTRUCTION

THE PREPARATION OF THIS DRAWING HAS BEEN FINANCED IN PART THROUGH A GRANT FROM THE U.S. DEPARTMENT OF TRANSPORTATION FEDERAL TRANSIT ADMINISTRATION (FTA). UNDER THE FEDERAL TRANSIT ACT OF 1964, AS AMENDED, AND IN PART BY THE TAXES OF THE CITIZENS OF LOS ANGELES COUNTY AND OF THE STATE OF CALIFORNIA.								DESIGNED BY G. LONTOK		M Metro wsp 515 Figueroa Street Suite 1400 Los Angeles, CA 90071 TEL (213) 362-9470 LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY				WEST SANTA ANA BRANCH LRT ARCHITECTURAL PIONEER STATION PLATFORM PLAN AT-GRADE STATION				CONTRACT NO AE5999300	
								DRAWN BY C. HA										DRAWING NO A9-100	
								CHECKED BY J. HUANG		SCALE 1/16" = 1'-0"		SHEET NO 36 OF 37							
								IN CHARGE R. LOYA		SUBMITTED									
								DATE 3/17/2023		APPROVED									
REV	DATE	BY	APP	REG. NO.	EXPIRES	SEAL HOLDER	DESCRIPTION												
	3/17/23						FINAL STATION DRAWINGS												



LONGITUDINAL SECTION 1
1/16" = 1'-0"



TRANSVERSE SECTION 2
1/8" = 1'-0"

FINAL ADVANCED CONCEPTUAL STATIONS DESIGN

NOT FOR CONSTRUCTION

THE PREPARATION OF THIS DRAWING HAS BEEN FINANCED IN PART THROUGH A GRANT FROM THE U.S. DEPARTMENT OF TRANSPORTATION FEDERAL TRANSIT ADMINISTRATION (FTA). UNDER THE FEDERAL TRANSIT ACT OF 1964, AS AMENDED, AND IN PART BY THE TAXES OF THE CITIZENS OF LOS ANGELES COUNTY AND OF THE STATE OF CALIFORNIA.

REV	DATE	BY	APP	REG. NO.	EXPIRES	SEAL HOLDER	DESCRIPTION
	3/17/23						FINAL STATION DRAWINGS

DESIGNED BY
G. LONTOK

DRAWN BY
C. HA

CHECKED BY
J. HUANG

IN CHARGE
R. LOYA

DATE
3/17/2023

M Metro

515 Figueroa Street
Suite 1400
Los Angeles, CA 90071
TEL (213) 362-9470

SUBMITTED _____

APPROVED _____

LOS ANGELES COUNTY
METROPOLITAN TRANSPORTATION AUTHORITY

WEST SANTA ANA BRANCH LRT
ARCHITECTURAL
PIONEER STATION
SECTIONS
AT-GRADE STATION

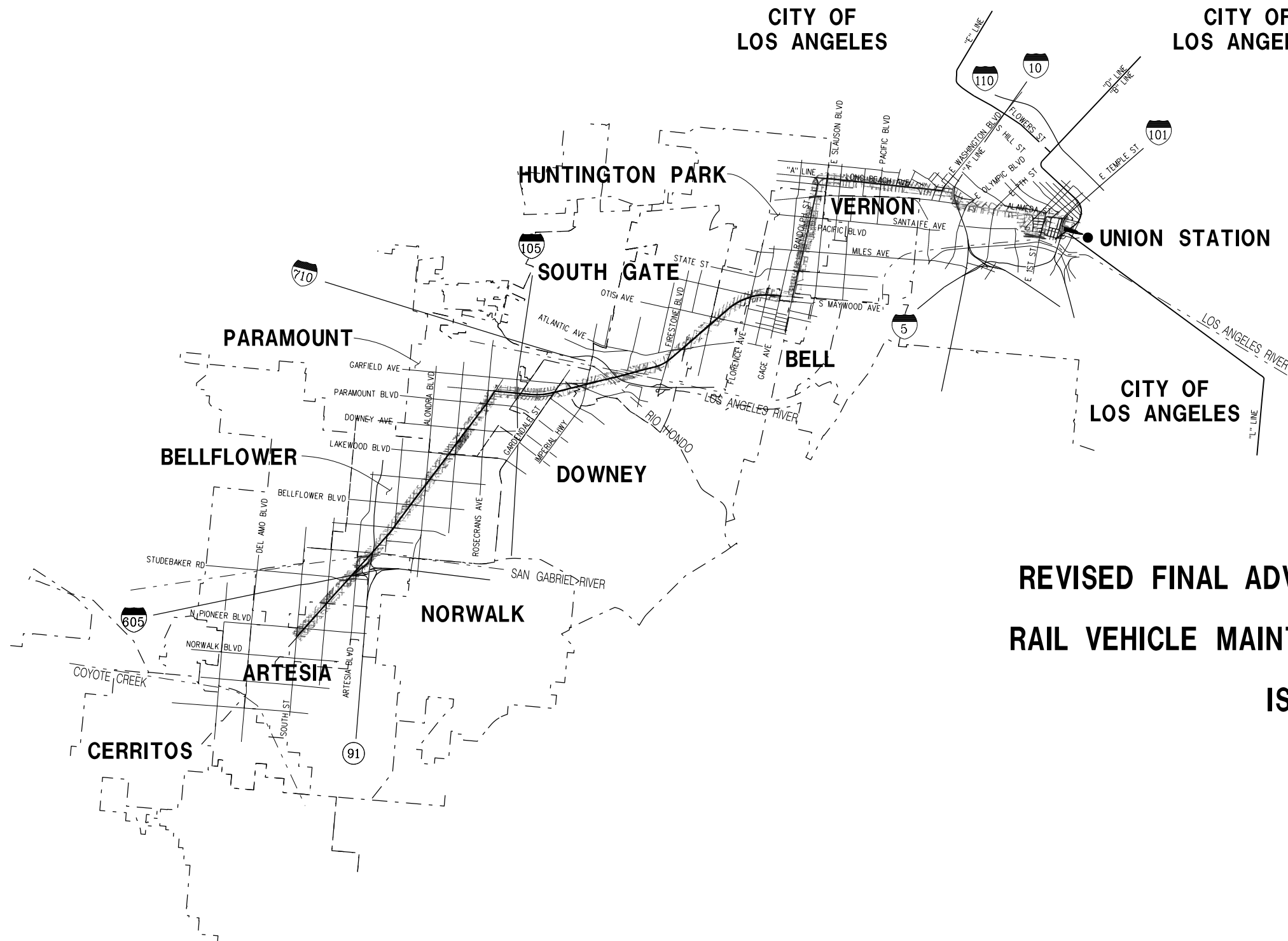
CONTRACT NO. AE5999300	REV
DRAWING NO. A9-200	
SCALE AS INDICATED	
SHEET NO. 37 OF 37	

16-FEB-2024

wspw14-pw-svc22-34

Pentable-bw.plt

E-28091AG01.plt
Plot Driver=MTA-half.pen



**REVISED FINAL ADVANCED CONCEPTUAL ENGINEERING
RAIL VEHICLE MAINTENANCE AND STORAGE FACILITIES
ISSUE: MARCH 2024**

NOT FOR CONSTRUCTION

WEST SANTA ANA BRANCH TRANSIT CORRIDOR PROJECT

515 Figueroa Street
Suite 1400
Los Angeles, CA 90071



LOS ANGELES COUNTY
METROPOLITAN TRANSPORTATION AUTHORITY

INDEX OF DRAWINGS

SHT NO	DWG NO	DWG TITLE
GENERAL		
2	G-001	GENERAL INDEX
3	G-002	GENERAL KEY MAP
4	G-003	GENERAL ABBREVIATIONS, NOTES, AND LEGENDS
MAINTENANCE AND STORAGE FACILITY		
5	T-B100	YARD SITE PLAN BELLFLOWER YARD PLAN
6	T-B101	YARD SITE PLAN BELLFLOWER YARD PLAN
7	T-B102	CONCEPTUAL LAYOUT BELLFLOWER YARD PLAN
8	T-B103	CONCEPTUAL LAYOUT BELLFLOWER YARD PLAN
9	T-B104	CONCEPTUAL LAYOUT BELLFLOWER YARD PLAN
10	T-B105	CONCEPTUAL LAYOUT BELLFLOWER YARD PLAN
11	T-B106	CONCEPTUAL LAYOUT BELLFLOWER YARD PLAN
12	T-B107	CONCEPTUAL LAYOUT BELLFLOWER YARD PLAN
13	T-B108	CONCEPTUAL LAYOUT BELLFLOWER YARD PLAN
14	T-B109	YARD TRACK PLAN BELLFLOWER YARD PLAN
15	T-B110	YARD TRACK PLAN BELLFLOWER YARD PLAN
16	T-B111	YARD TYPICAL SECTION BELLFLOWER YARD PROFILE
17	T-B112	MSF LEAD TRACKS BELLFLOWER YARD PLAN
18	T-B113	MSF LEAD TRACKS BELLFLOWER YARD PLAN
19	T-B114	MSF LEAD TRACKS BELLFLOWER YARD PLAN
20	T-B115	YARD TRACK GEOMETRY TABLES BELLFLOWER YARD
21	T-B116	YARD TRACK GEOMETRY TABLES BELLFLOWER YARD
22	T-B117	YARD TRACK GEOMETRY TABLES BELLFLOWER YARD
23	T-B118	YARD TRACK GEOMETRY TABLES BELLFLOWER YARD
24	T-B119	YARD TRACK GEOMETRY TABLES BELLFLOWER YARD

REVISED FINAL MSF SUBMITTAL - 5/3/2023

THE PREPARATION OF THIS DRAWING HAS BEEN FINANCED IN PART THROUGH A GRANT FROM THE U.S. DEPARTMENT OF TRANSPORTATION FEDERAL TRANSIT ADMINISTRATION (FTA), UNDER THE FEDERAL TRANSIT ACT OF 1964, AS AMENDED, AND IN PART BY THE TAXES OF THE CITIZENS OF LOS ANGELES COUNTY AND OF THE STATE OF CALIFORNIA.								DESIGNED BY		 Metro 515 South Figueroa Street Suite 1400 Los Angeles, CA 90071	SUBMITTED _____ APPROVED _____	WEST SANTA ANA BRANCH LRT GENERAL INDEX	CONTRACT NO AE5999300	
								DRAWING NO G-001					REV	
								SCALE NO SCALE						
								SHEET NO						
								2 OF 24						
	2	5/3/2023						REVISED FINAL MSF SUBMITTAL						
REV	DATE	BY	APP	REG NO.	EXPIRES	SEAL HOLDER	DESCRIPTION	DATE 5/3/2023						

GENERAL NOTES

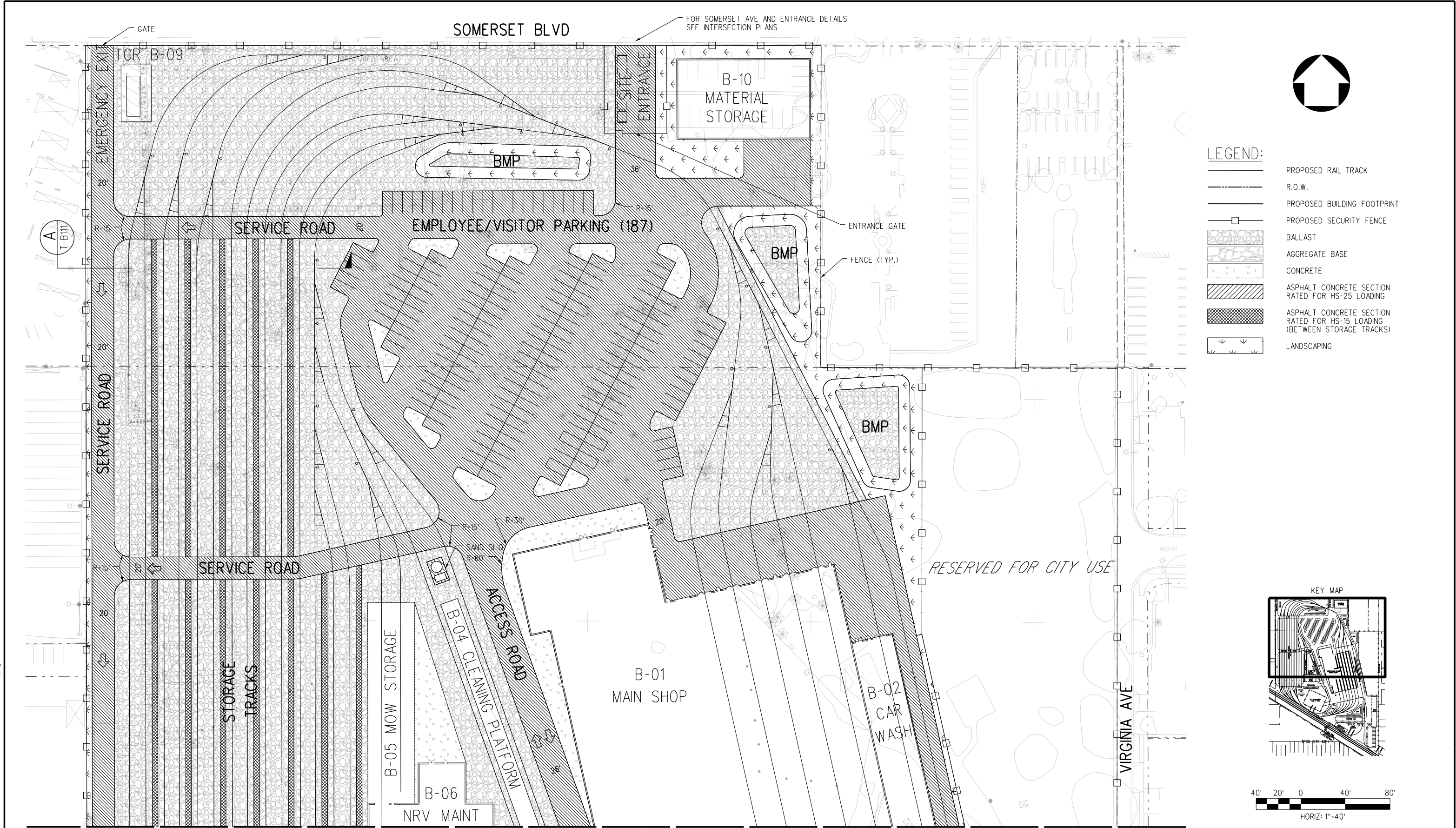
1. PROFILES ARE CONCEPTUAL IN NATURE. FINAL PROFILES TO BE DETERMINED UPON ADDITIONAL DESIGN.
2. DESIGN IS CONCEPTUAL IN NATURE, FOR PURPOSE OF ESTABLISHING ENVIRONMENTAL FOOTPRINT.
3. GRADE CROSSING AND INTERSECTION DRAWINGS IN SEPARATE DESIGN SUBMITTAL
4. DESIGN OF THE PROJECT WILL COMPLY WITH APPLICABLE STATE, LOCAL, AND CITY CODE REQUIREMENTS. COORDINATION WITH INDIVIDUAL AGENCIES AND JURISDICTIONS WILL CONTINUE THROUGHOUT DESIGN REGARDING CHANGES OR ANY EXCEPTIONS TO CODES.

NOT FOR CONSTRUCTION

Plot Driver=MTA-half.pen Pentable=bw.plt

15-DEC-2023 E-28091ATB100.plg

wsdpw14-pw-svc 16:35



REVISED FINAL MSF SUBMITTAL - 5/3/2023

MATCH LINE SEE T-B101

PLAN

NOT FOR CONSTRUCTION

THE PREPARATION OF THIS
DRAWING HAS BEEN FINANCED IN
PART THROUGH A GRANT FROM
THE U.S. DEPARTMENT OF
TRANSPORTATION FEDERAL TRANSIT
ADMINISTRATION (FTA), UNDER THE
FEDERAL TRANSIT ACT OF 1964, AS
AMENDED, AND IN PART BY THE
TAXES OF THE CITIZENS OF LOS
ANGELES COUNTY AND OF THE
STATE OF CALIFORNIA.

REV	DATE	BY	APP	REG NO.	EXPIRES	SEAL HOLDER	DESCRIPTION
2	5/3/2023						REVISED FINAL MSF SUBMITTAL

DESIGNED BY YJ
DRAWN BY YJ
CHECKED BY RL
IN CHARGE RL
DATE 5/3/2023



LOS ANGELES COUNTY
METROPOLITAN TRANSPORTATION AUTHORITY



515 South Figueroa Street
Suite 1400
Los Angeles, CA 90071

SUBMITTED

APPROVED

WEST SANTA ANA BRANCH LRT
YARD SITE PLAN
BELLFLOWER YARD
PLAN

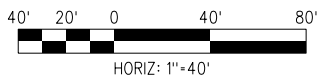
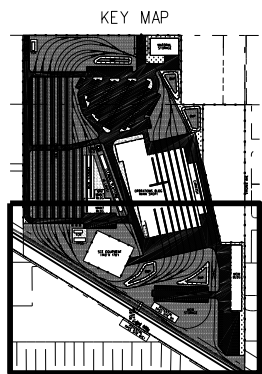
CONTRACT NO. AE5999300	REV
DRAWING NO. T-B100	
SCALE 1"=40'	
SHEET NO. 5	OF 24

15-DEC-2023 16:35
wsdpw14-pw-svc E-28091ATB101.plg



- LEGEND:
- PROPOSED RAIL TRACK
 - R.O.W.
 - PROPOSED BUILDING FOOTPRINT
 - PROPOSED SECURITY FENCE
 - BALLAST
 - AGGREGATE BASE
 - CONCRETE
 - ASPHALT CONCRETE SECTION RATED FOR HS-25 LOADING
 - ASPHALT CONCRETE SECTION RATED FOR HS-15 LOADING (BETWEEN STORAGE TRACKS)
 - LANDSCAPING

FENCE (TYP.)



REVISED FINAL MSF SUBMITTAL - 5/3/2023

PLAN

NOT FOR CONSTRUCTION

THE PREPARATION OF THIS DRAWING HAS BEEN FINANCED IN PART THROUGH A GRANT FROM THE U.S. DEPARTMENT OF TRANSPORTATION FEDERAL TRANSIT ADMINISTRATION (FTA), UNDER THE FEDERAL TRANSIT ACT OF 1964, AS AMENDED, AND IN PART BY THE TAXES OF THE CITIZENS OF LOS ANGELES COUNTY AND OF THE STATE OF CALIFORNIA.

REV	DATE	BY	APP	REG NO.	EXPIRES	SEAL HOLDER	DESCRIPTION
2	5/3/2023						REVISED FINAL MSF SUBMITTAL

DESIGNED BY	YJ
DRAWN BY	YJ
CHECKED BY	RL
IN CHARGE	RL
DATE	5/3/2023



LOS ANGELES COUNTY
METROPOLITAN TRANSPORTATION AUTHORITY



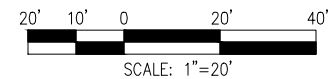
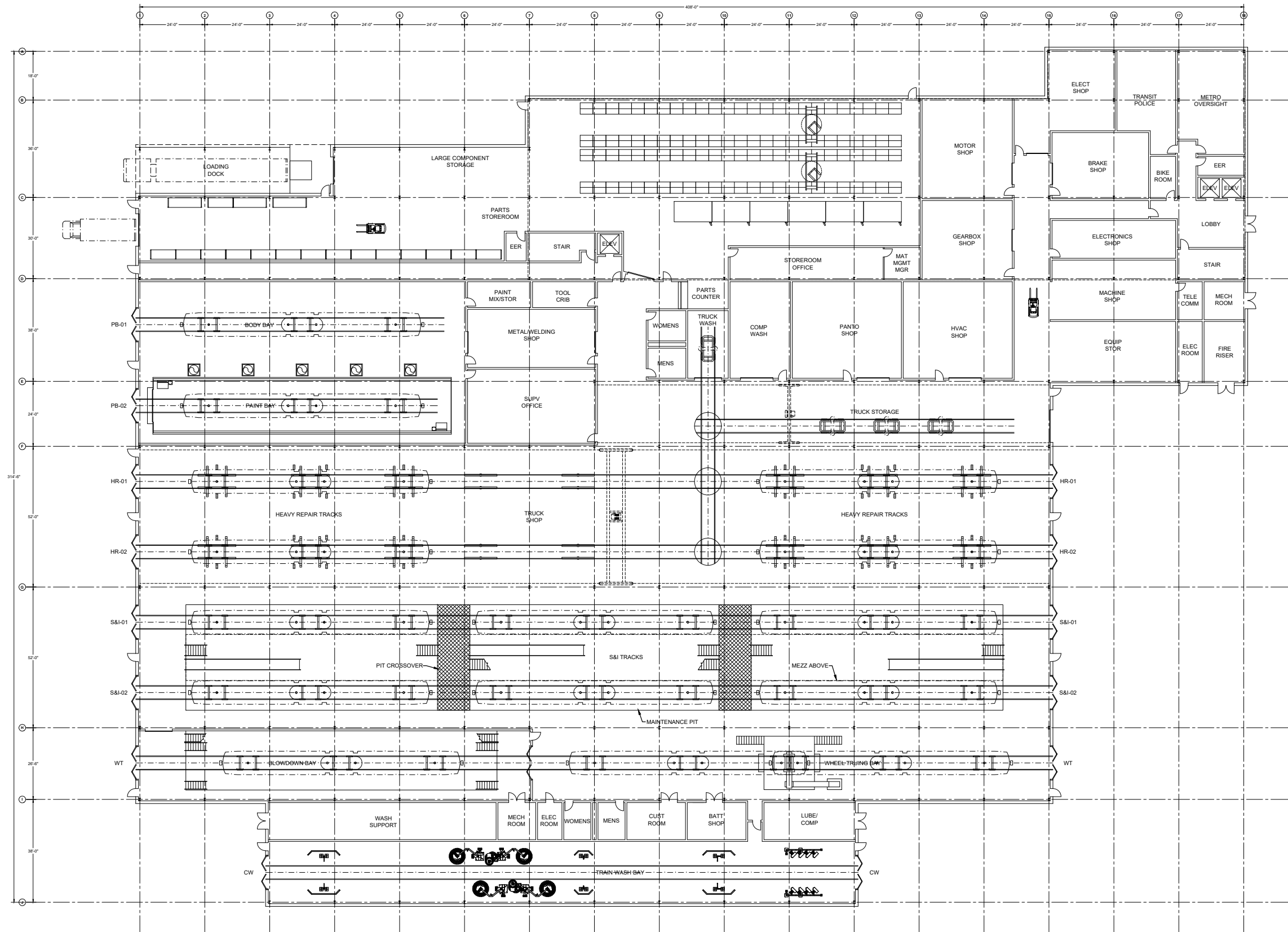
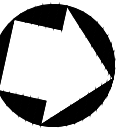
515 South Figueroa Street
Suite 1400
Los Angeles, CA 90071

SUBMITTED

APPROVED

WEST SANTA ANA BRANCH LRT
YARD SITE PLAN
BELLFLOWER YARD
PLAN

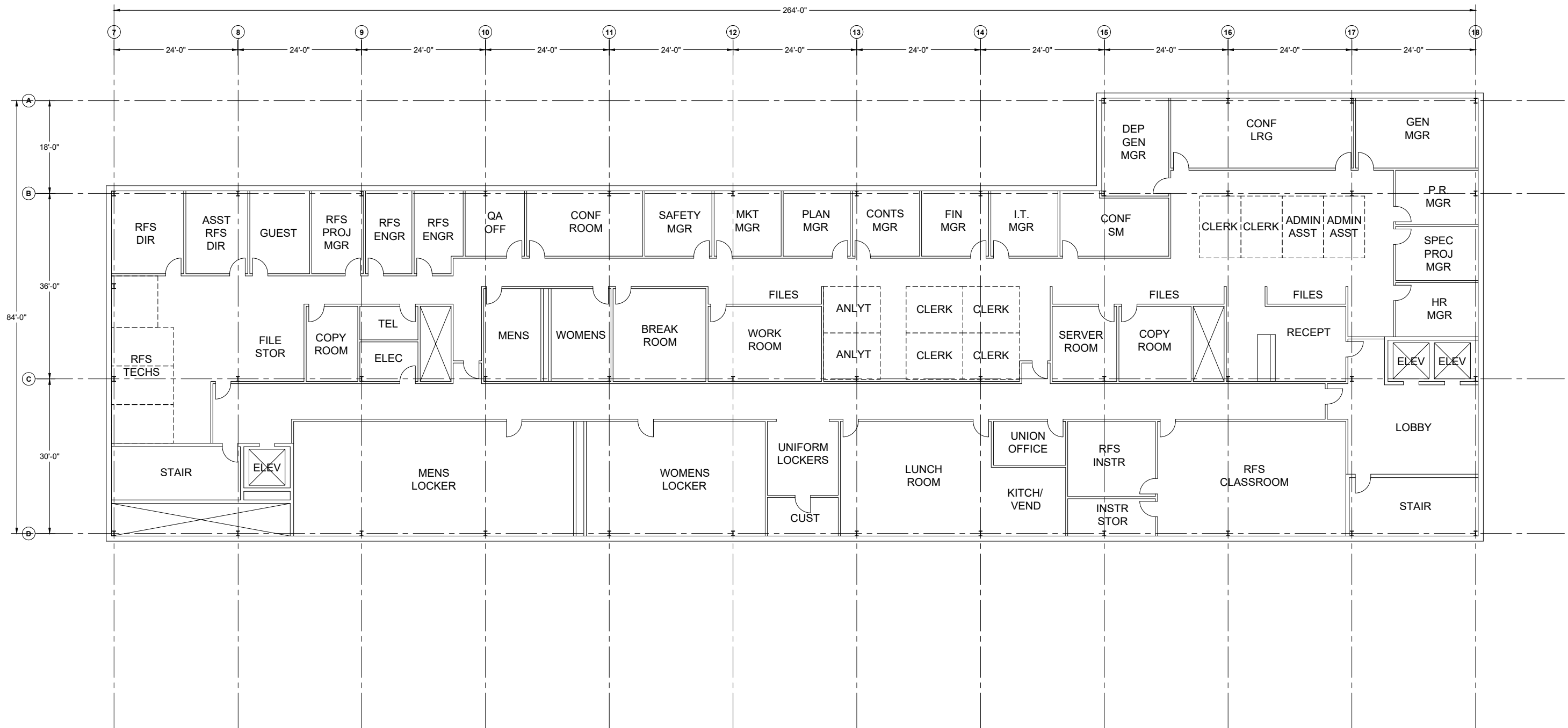
CONTRACT NO.	AE5999300
DRAWING NO.	T-B101
SCALE	1"=40'
SHEET NO.	6 OF 24

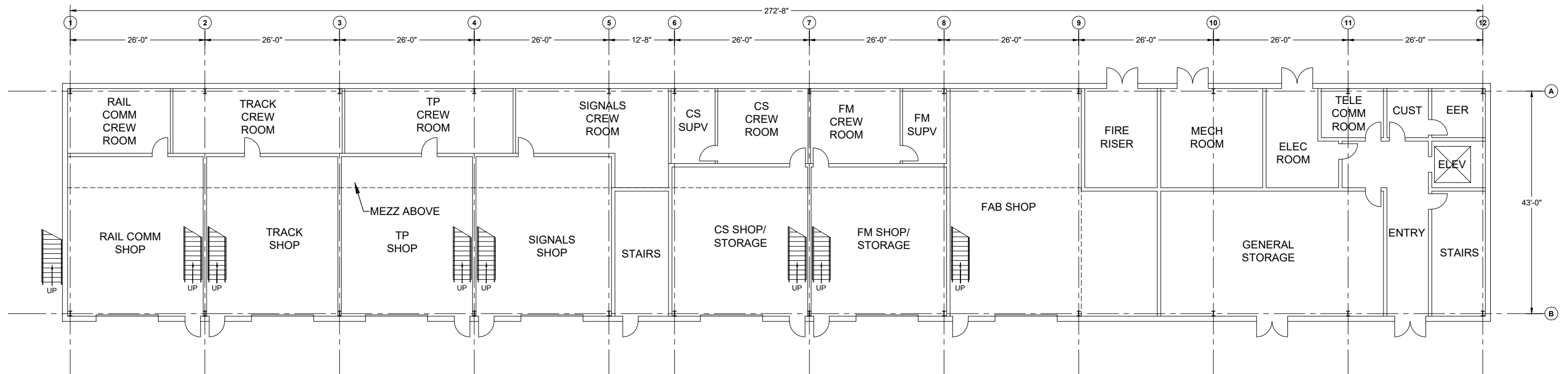


REVISED FINAL MSF SUBMITTAL - 5/3/2023

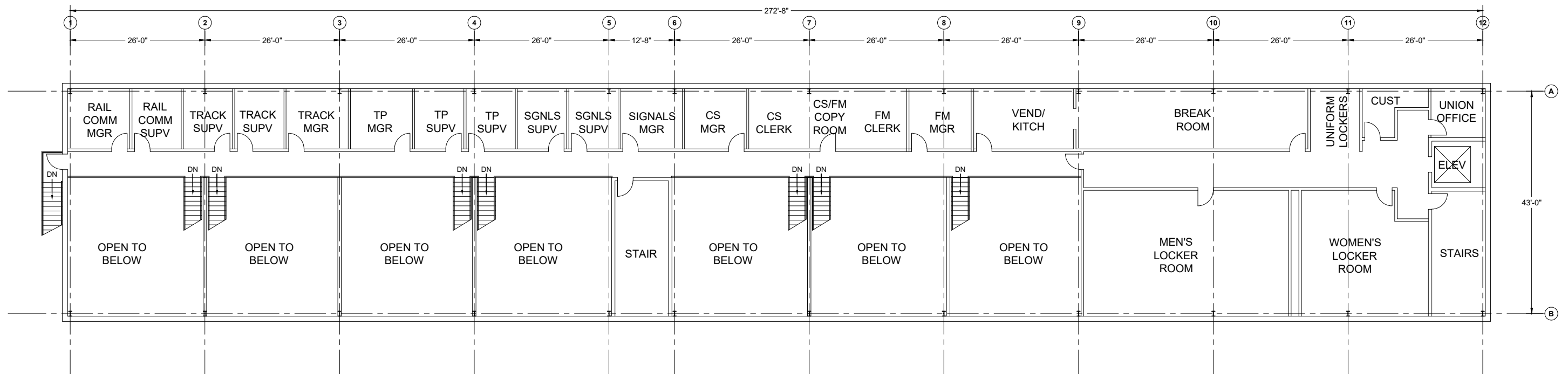
NOT FOR CONSTRUCTION

THE PREPARATION OF THIS DRAWING HAS BEEN FINANCED IN PART THROUGH A GRANT FROM THE U.S. DEPARTMENT OF TRANSPORTATION FEDERAL TRANSIT ADMINISTRATION (FTA), UNDER THE FEDERAL TRANSIT ACT OF 1964, AS AMENDED, AND IN PART BY THE TAXES OF THE CITIZENS OF LOS ANGELES COUNTY AND OF THE STATE OF CALIFORNIA.								DESIGNED BY MG		M Metro wsp 515 South Figueroa Street Suite 1400 Los Angeles, CA 90071		LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY		SUBMITTED _____ APPROVED _____		WEST SANTA ANA BRANCH LRT CONCEPTUAL LAYOUT BELLFLOWER MAIN SHOP – 1ST FLOOR				CONTRACT NO AE5999300			
								DRAWN BY ES												DRAWING NO T-B102		REV 0	
								CHECKED BY MG												SCALE 1" = 20'			
								IN CHARGE RL												SHEET NO			
								DATE 5/3/2023															
2	5/3/2023						REVISED FINAL MSF SUBMITTAL																
REV	DATE	BY	APP	REG NO	EXPIRES	SEAL HOLDER	DESCRIPTION																

[illegible]



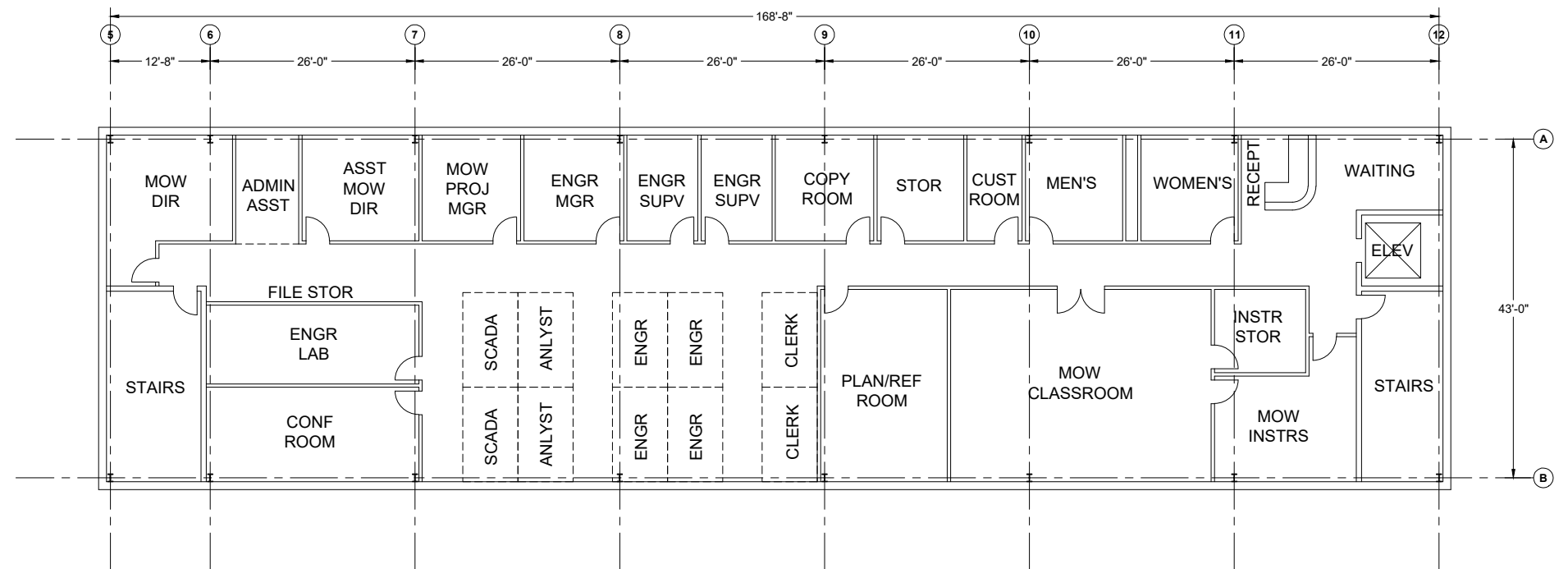
THE PREPARATION OF THIS DRAWING HAS BEEN FINANCED IN PART THROUGH A GRANT FROM THE U.S. DEPARTMENT OF TRANSPORTATION, FEDERAL TRANSIT ADMINISTRATION (FTA), UNDER THE FEDERAL TRANSIT ACT OF 1964, AS AMENDED, AND IN PART BY THE TAXES OF THE CITIZENS OF LOS ANGELES COUNTY AND OF THE STATE OF CALIFORNIA.							DESIGNED BY MG		 LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY  515 South Figueroa Street Suite 1400 Los Angeles, CA 90071			
							DRAWN BY ES					
							CHECKED BY MG					
							IN CHARGE RL					
							DATE 5/3/2023					
2	5/3/2023						REVISED FINAL MSF SUBMITTAL	WEST SANTA ANA BRANCH LRT CONCEPTUAL LAYOUT BELLFLOWER MOW BUILDING – 1ST FLOOR				
REV	DATE	BY	APP	REG NO	EXPIRES	SEAL HOLDER	DESCRIPTION	SUBMITTED _____		APPROVED _____		
								10		OF 24		



REVISÉD FINAL MSF SUBMITTAL - 5/3/2023

NOT FOR CONSTRUCTION

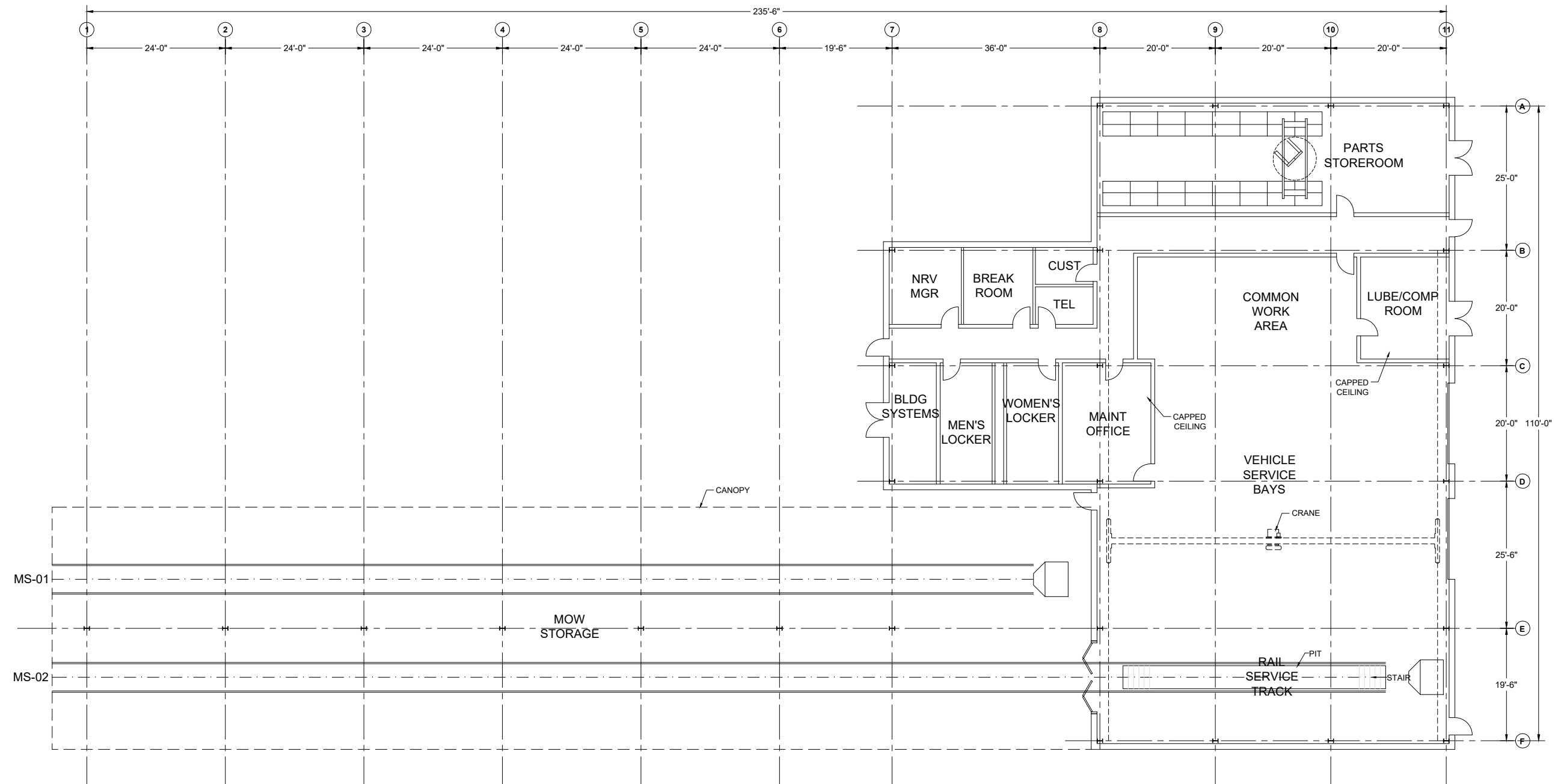
THE PREPARATION OF THIS DRAWING HAS BEEN FINANCED IN PART THROUGH A GRANT FROM THE U.S. DEPARTMENT OF TRANSPORTATION FEDERAL TRANSIT ADMINISTRATION (FTA), UNDER THE FEDERAL TRANSIT ACT OF 1964, AS AMENDED, AND IN PART BY THE TAXES OF THE CITIZENS OF LOS ANGELES COUNTY AND OF THE STATE OF CALIFORNIA.									DESIGNED BY MG	
--	--	--	--	--	--	--	--	--	-------------------	--



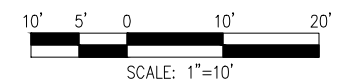
REVISÉD FINAL MSF SUBMITTAL - 5/3/2023

NOT FOR CONSTRUCTION

THE PREPARATION OF THIS DRAWING HAS BEEN FINANCED IN PART THROUGH A GRANT FROM THE U.S. DEPARTMENT OF TRANSPORTATION FEDERAL TRANSIT ADMINISTRATION (FTA), UNDER THE FEDERAL TRANSIT ACT OF 1964, AS AMENDED, AND IN PART BY THE TAXES OF THE CITIZENS OF LOS ANGELES COUNTY AND OF THE STATE OF CALIFORNIA.												DESIGNED BY MG	Metro  515 South Figueroa Street Suite 1400 Los Angeles, CA 90071 SUBMITTED _____ APPROVED _____	LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY				WEST SANTA ANA BRANCH LRT CONCEPTUAL LAYOUT BELLFLOWER MOW BUILDING – 2ND FLOOR				CONTRACT NO. AE5999300	
												DRAWN BY ES										DRAWING NO. T-B107	REV 0
												CHECKED BY MG										SCALE 1" = 10'	
												IN CHARGE RL										SHEET NO. 12 OF 24	
												DATE 5/3/2023											
	2	5/3/2023										REVISED FINAL MSF SUBMITTAL											
	REV	DATE	BY	APP	REG NO	EXPIRES	SEAL HOLDER					DESCRIPTION											



REVISED FINAL MSF SUBMITTAL - 5/3/2023



NOT FOR CONSTRUCTION

THE PREPARATION OF THIS DRAWING HAS BEEN FINANCED IN PART THROUGH A GRANT FROM THE U.S. DEPARTMENT OF TRANSPORTATION FEDERAL TRANSIT ADMINISTRATION (FTA), UNDER THE FEDERAL TRANSIT ACT OF 1964, AS AMENDED, AND IN PART BY THE TAXES OF THE CITIZENS OF LOS ANGELES COUNTY AND OF THE STATE OF CALIFORNIA.									DESIGNED BY MG
									DRAWN BY ES
									CHECKED BY MG
									IN CHARGE RL
									DATE 5/3/2023
	2	5/3/2023						REVISED FINAL MSF SUBMITTAL	
REV	DATE	BY	APP	REG NO	EXPIRES	SEAL HOLDER	DESCRIPTION		

M

Metro

wsp

515 South Figueroa Street
Suite 1400
Los Angeles, CA 90071

SUBMITTED

APPROVED

LOS ANGELES COUNTY
METROPOLITAN TRANSPORTATION AUTHORITY

WEST SANTA ANA BRANCH LRT
CONCEPTUAL LAYOUT
BELLFLOWER
NRV BUILDING

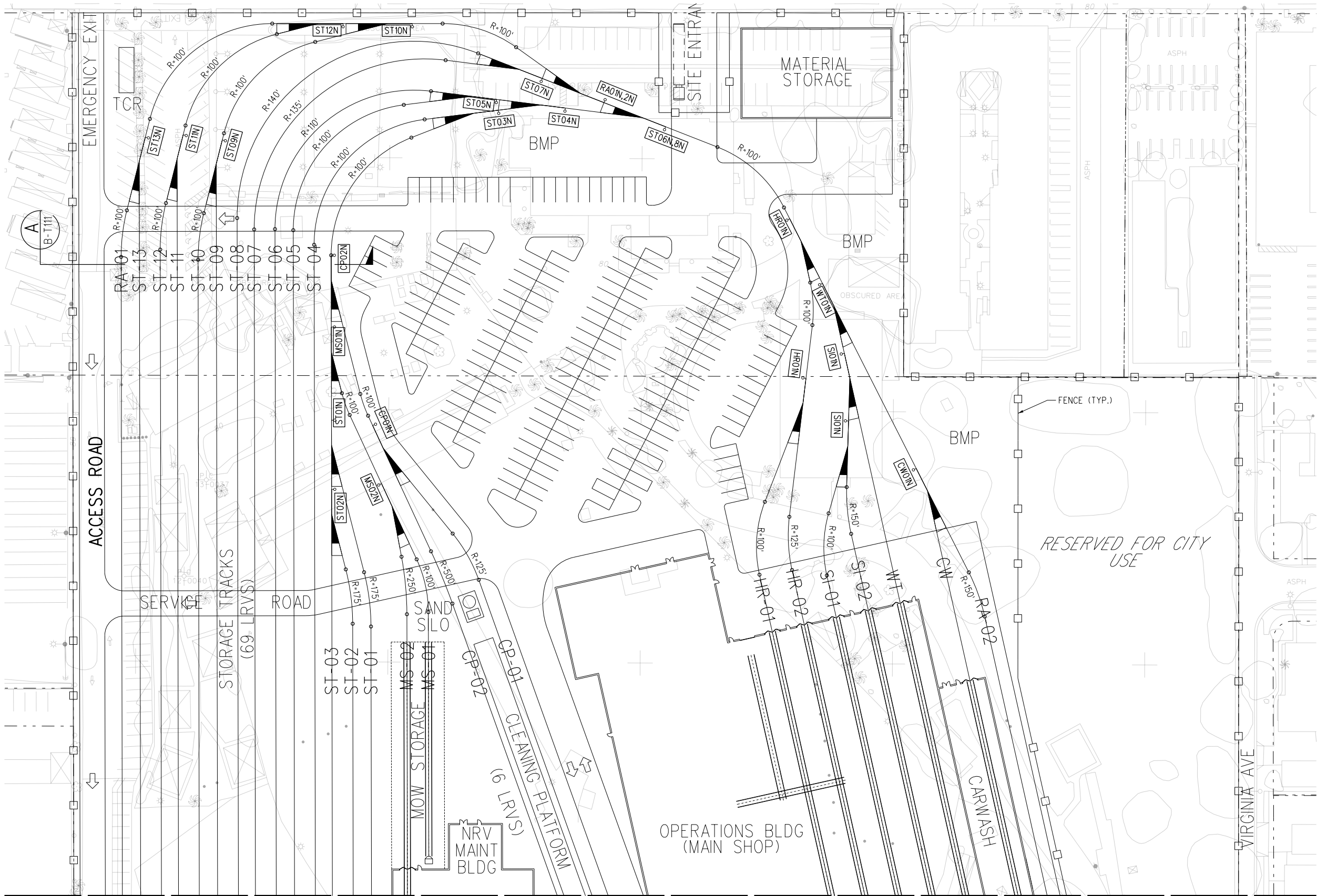
CONTRACT NO
AE5999300

DRAWING NO
T-B108

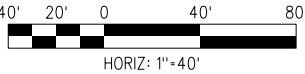
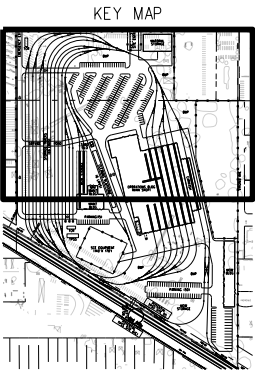
SCALE
1" = 10'

SHEET NO
13 OF 24

REV
0



NOTES:
1. TURNOUT ARE 190' RADIUS UNLESS OTHERWISE NOTED



REVISED FINAL MSF SUBMITTAL - 5/3/2023

THE PREPARATION OF THIS DRAWING HAS BEEN FINANCED IN PART THROUGH A GRANT FROM THE U.S. DEPARTMENT OF TRANSPORTATION FEDERAL TRANSIT ADMINISTRATION (FTA), UNDER THE FEDERAL TRANSIT ACT OF 1964, AS AMENDED, AND IN PART BY THE TAXES OF THE CITIZENS OF LOS ANGELES COUNTY AND OF THE STATE OF CALIFORNIA.						
2	5/3/2023					

REV	DATE	BY	APP	REG NO.	EXPIRES	SEAL HOLDER	DESCRIPTION
							REVISED FINAL MSF SUBMITTAL

DESIGNED BY	CL
DRAWN BY	RL
CHECKED BY	CL
IN CHARGE	RL
DATE	5/3/2023

MATCH LINE SEE T-B110



LOS ANGELES COUNTY
METROPOLITAN TRANSPORTATION AUTHORITY



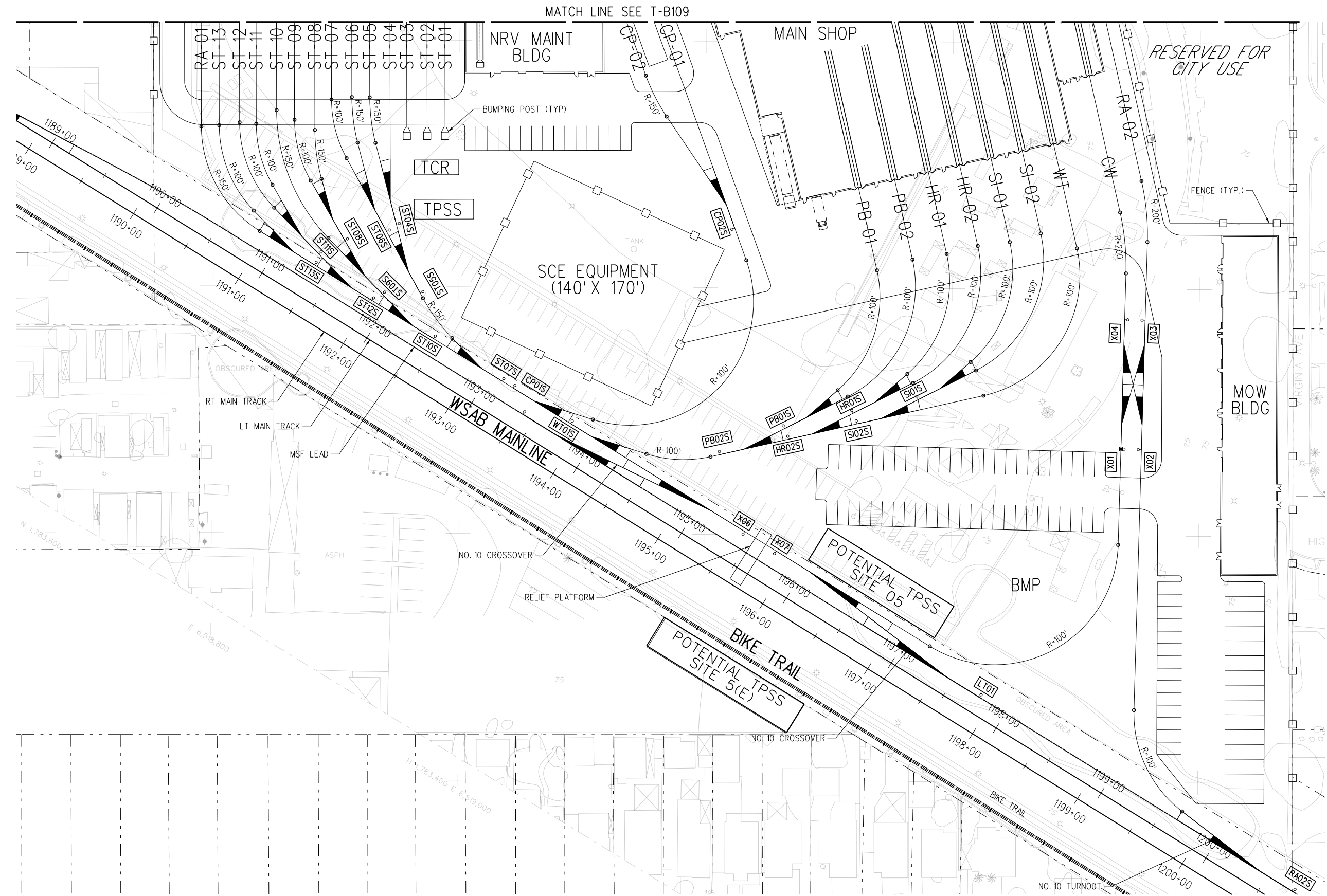
515 South Figueroa Street
Suite 1400
Los Angeles, CA 90071

SUBMITTED _____
APPROVED _____

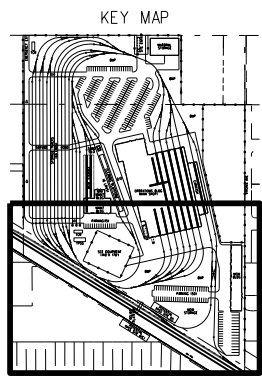
WEST SANTA ANA BRANCH LRT
YARD TRACK PLAN
BELLFLOWER YARD
PLAN

CONTRACT NO.	AE5999300
DRAWING NO.	T-B109
SCALE	HOR: 1"=40'
SHEET NO.	14 OF 24

15-DEC-2023 E-28091ATB110.plg
wsppw14-pw-svc 16:34



NOTES:
1. TURNOUT ARE 190' RADIUS UNLESS OTHERWISE NOTED



40' 20' 0 40' 80'
HORIZ: 1"=40'

REVIS

FINAL MSF SUBMITTAL - 5/3/2023

PLAN

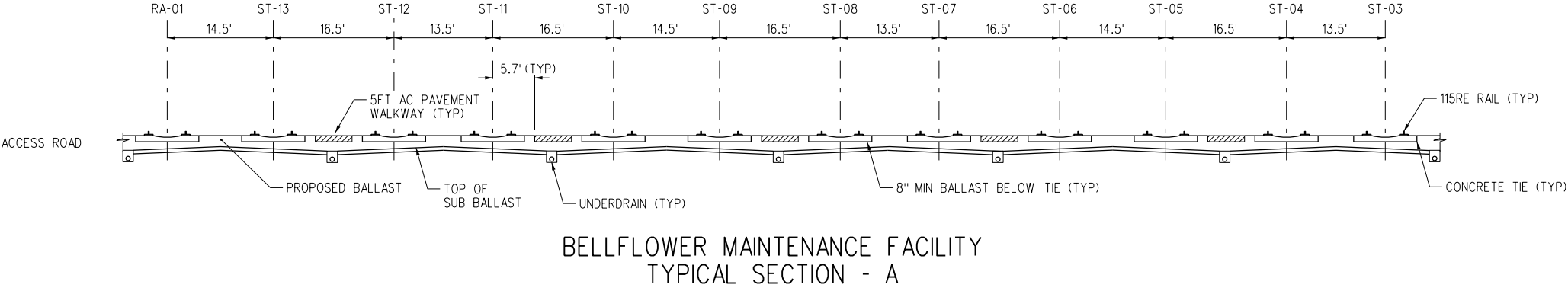
NOT FOR CONSTRUCTION

THE PREPARATION OF THIS DRAWING HAS BEEN FINANCED IN PART THROUGH A GRANT FROM THE U.S. DEPARTMENT OF TRANSPORTATION FEDERAL TRANSIT ADMINISTRATION (FTA), UNDER THE FEDERAL TRANSIT ACT OF 1964, AS AMENDED, AND IN PART BY THE TAXES OF THE CITIZENS OF LOS ANGELES COUNTY AND OF THE STATE OF CALIFORNIA.							DESIGNED BY CL	M Metro wsp 515 South Figueroa Street Suite 1400 Los Angeles, CA 90071	SUBMITTED _____		CONTRACT NO. AE5999300	
							DRAWN BY RL		DRAWING NO. T-B110		REV	
							CHECKED BY CL		SCALE HOR: 1"=40'		SHEET NO.	
							IN CHARGE RL		APPROVED _____		15 OF 24	
							DATE 5/3/2023					
REV	DATE	BY	APP	REG NO.	EXPIRES	SEAL HOLDER	DESCRIPTION					
2	5/3/2023						REVISED FINAL MSF SUBMITTAL					

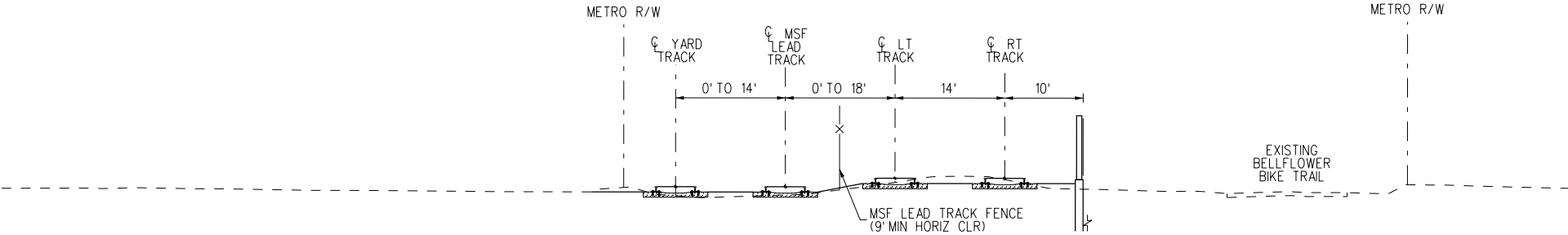
Plot Driver=MTA-half.pen
Pentable=bw.plt

15-DEC-2023 16:32 E-28091ATB111.plt
wsppw14-pw-svc

16:32



LEGEND
AC PAVEMENT



BELLFLOWER MAINTENANCE FACILITY LEAD TRACK
TYPICAL SECTION - B

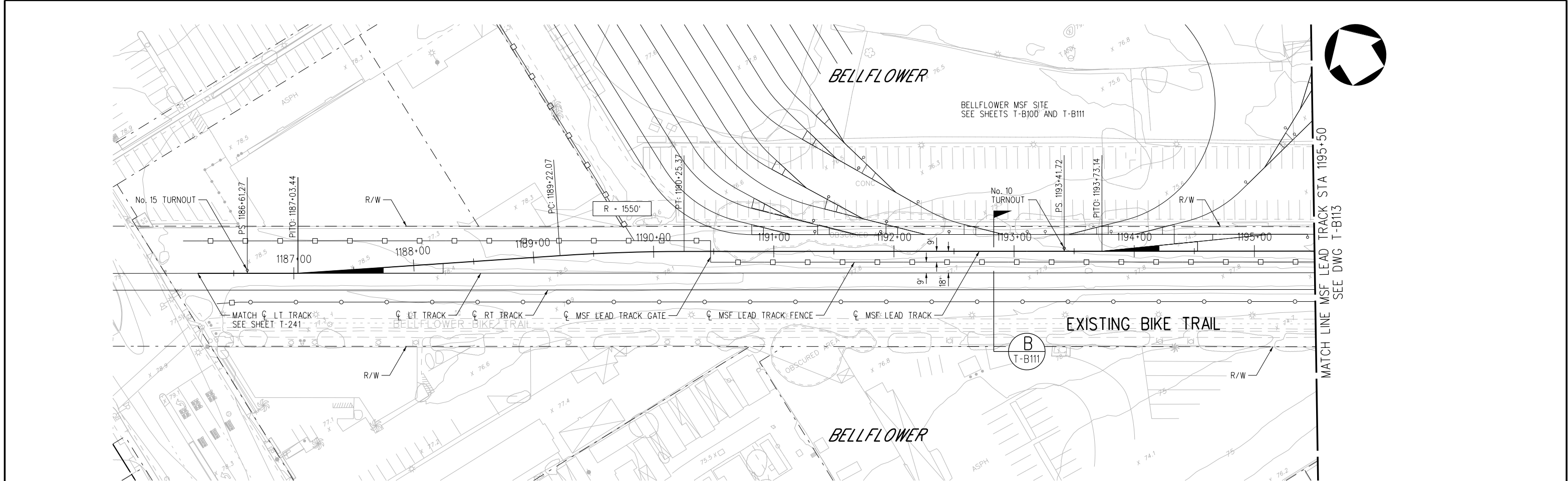
REVISED FINAL MSF SUBMITTAL - 5/3/2023

THE PREPARATION OF THIS DRAWING HAS BEEN FINANCED IN PART THROUGH A GRANT FROM THE U.S. DEPARTMENT OF TRANSPORTATION FEDERAL TRANSIT ADMINISTRATION (FTA), UNDER THE FEDERAL TRANSIT ACT OF 1964, AS AMENDED, AND IN PART BY THE TAXES OF THE CITIZENS OF LOS ANGELES COUNTY AND OF THE STATE OF CALIFORNIA.								DESIGNED BY	M Metro wsp 515 South Figueroa Street Suite 1400 Los Angeles, CA 90071	LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY		WEST SANTA ANA BRANCH LRT YARD TYPICAL SECTION BELLFLOWER YARD PROFILE		CONTRACT NO	
								DRAWN BY						AE5999300	
								CHECKED BY						T-B111	
								IN CHARGE						SCALE	
								DATE						SHEET NO	
2	5/3/2023						REVISED FINAL MSF SUBMITTAL	5/3/2023	SUBMITTED		APPROVED		16 OF 24		

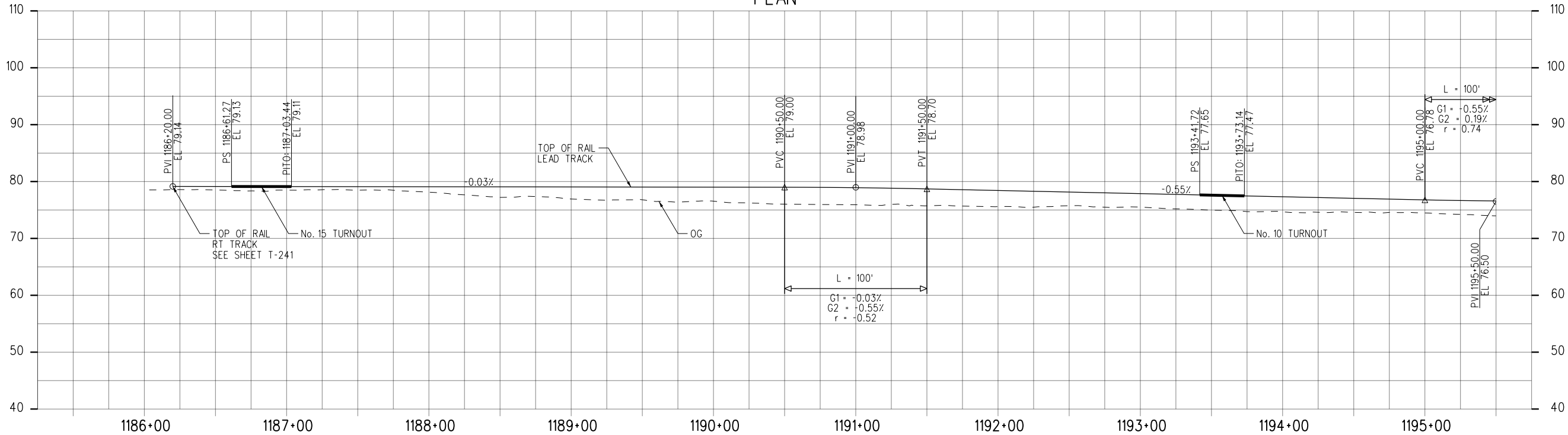
15-DEC-2023 E-28091ATB112.plg

16:39

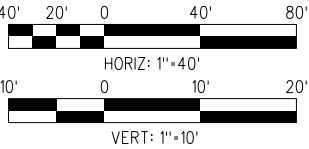
wsppw14-pw-svc



PLAN



PROFILE



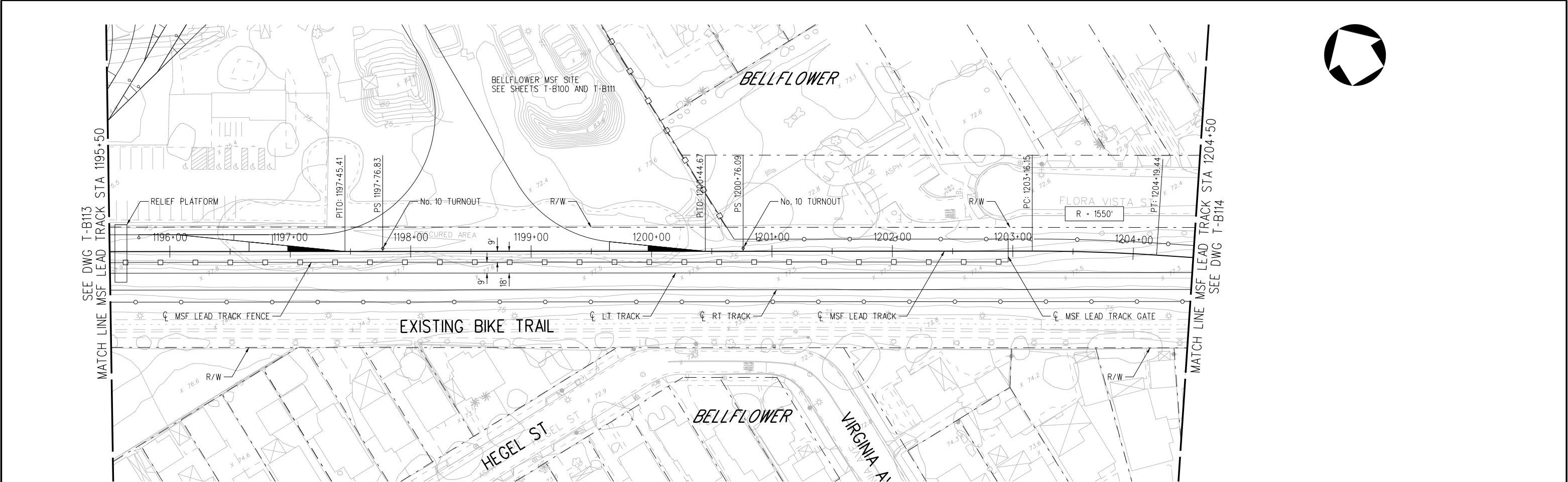
REVISED FINAL MSF SUBMITTAL - 5/3/2023

THE PREPARATION OF THIS DRAWING HAS BEEN FINANCED IN PART THROUGH A GRANT FROM THE U.S. DEPARTMENT OF TRANSPORTATION FEDERAL TRANSIT ADMINISTRATION (FTA), UNDER THE FEDERAL TRANSIT ACT OF 1964, AS AMENDED, AND IN PART BY THE TAXES OF THE CITIZENS OF LOS ANGELES COUNTY AND OF THE STATE OF CALIFORNIA.								DESIGNED BY CB	M Los Angeles County METROPOLITAN TRANSPORTATION AUTHORITY wsp 515 South Figueroa Street Suite 1400 Los Angeles, CA 90071	WEST SANTA ANA BRANCH LRT MSF LEAD TRACKS BELLFLOWER YARD PLAN		CONTRACT NO. AE5999300	
						DRAWN BY NM	DRAWING NO. T-B112	REV					
							CHECKED BY RM	SCALE HOR: 1"=40' VERT: 1"=10'					
							IN CHARGE RL	SHEET NO.					
							DATE 5/3/2023	17				OF 24	
2	5/3/2023						REVISED FINAL MSF SUBMITTAL						
REV	DATE	BY	APP	REG NO.	EXPIRES	SEAL HOLDER	DESCRIPTION						

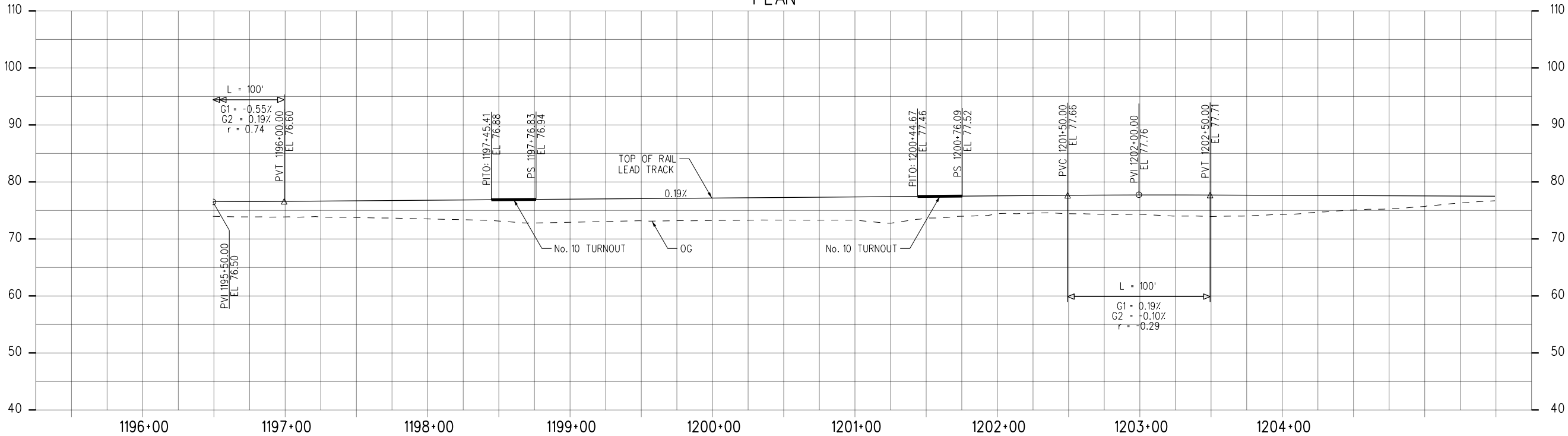
NOT FOR CONSTRUCTION

15-DEC-2023 E-28091ATB113.plg

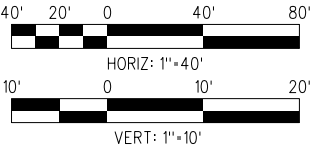
wsppw14-pw-svc 16:39



PLAN



PROFILE

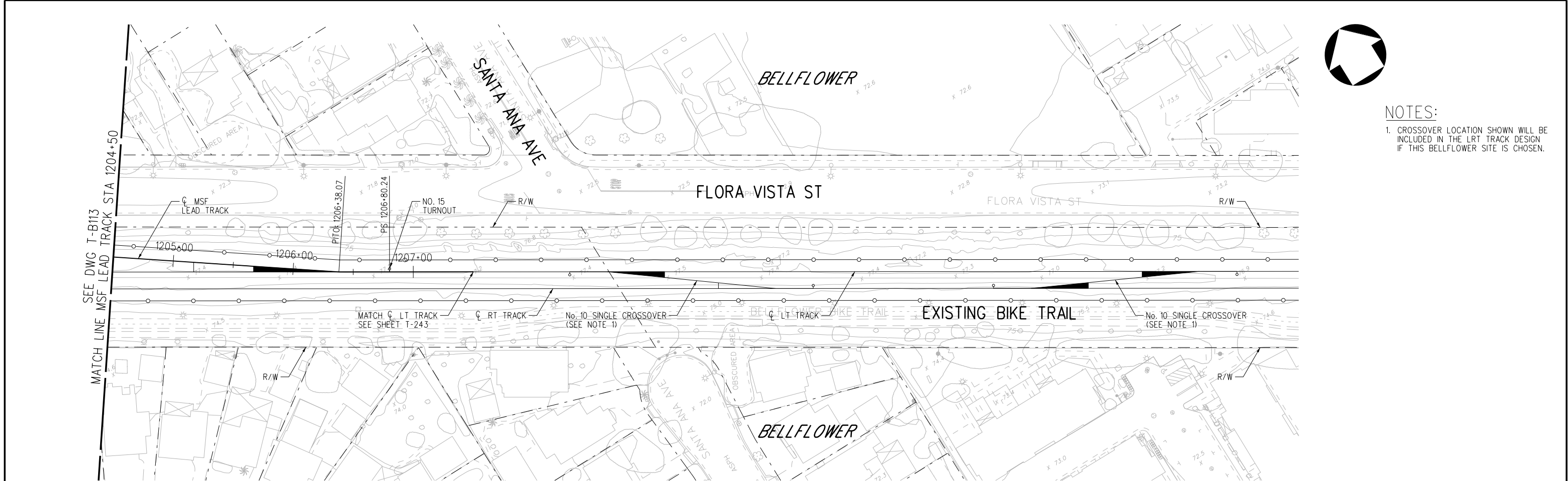


REVISED FINAL MSF SUBMITTAL - 5/3/2023

THE PREPARATION OF THIS DRAWING HAS BEEN FINANCED IN PART THROUGH A GRANT FROM THE U.S. DEPARTMENT OF TRANSPORTATION FEDERAL TRANSIT ADMINISTRATION (FTA), UNDER THE FEDERAL TRANSIT ACT OF 1964, AS AMENDED, AND IN PART BY THE TAXES OF THE CITIZENS OF LOS ANGELES COUNTY AND OF THE STATE OF CALIFORNIA.										DESIGNED BY CB		M Metro wsp515 South Figueroa Street Suite 1400 Los Angeles, CA 90071 SUBMITTED _____ APPROVED _____		LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY WEST SANTA ANA BRANCH LRT MSF LEAD TRACKS BELLFLOWER YARD PLAN		CONTRACT NO. AE5999300	
										DRAWN BY NM						DRAWING NO. T-B113	
										CHECKED BY RM						SCALE HOR: 1"=40' VERT: 1"=10'	
										IN CHARGE RL						SHEET NO.	
										DATE 5/3/2023						18 OF 24	
2	5/3/2023							REVISED FINAL MSF SUBMITTAL									
REV	DATE	BY	APP	REG NO.	EXPIRES	SEAL HOLDER	DESCRIPTION										

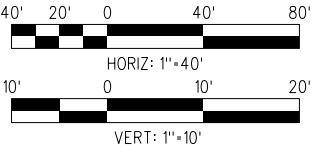
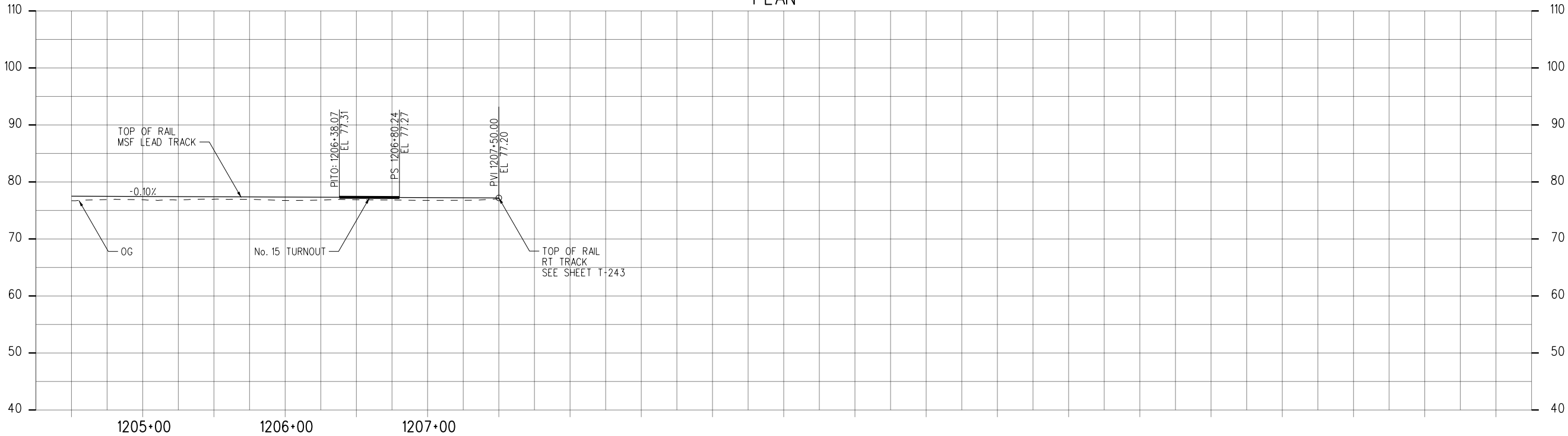
15-DEC-2023 E-28091ATB114.plg

wsppw14-pw-svc 16:39



- NOTES:
- CROSSOVER LOCATION SHOWN WILL BE INCLUDED IN THE LRT TRACK DESIGN IF THIS BELLFLOWER SITE IS CHOSEN.

PLAN



REVISED FINAL MSF SUBMITTAL - 5/3/2023

PROFILE

NOT FOR CONSTRUCTION

THE PREPARATION OF THIS DRAWING HAS BEEN FINANCED IN PART THROUGH A GRANT FROM THE U.S. DEPARTMENT OF TRANSPORTATION FEDERAL TRANSIT ADMINISTRATION (FTA), UNDER THE FEDERAL TRANSIT ACT OF 1964, AS AMENDED, AND IN PART BY THE TAXES OF THE CITIZENS OF LOS ANGELES COUNTY AND OF THE STATE OF CALIFORNIA.								DESIGNED BY CB		M Metro wsp 515 South Figueroa Street Suite 1400 Los Angeles, CA 90071 LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY				WEST SANTA ANA BRANCH LRT MSF LEAD TRACKS BELLFLOWER YARD PLAN				CONTRACT NO. AE5999300		
								DRAWN BY NM										DRAWING NO. T-B114		REV
								CHECKED BY RM										SCALE HOR: 1"=40' VERT: 1"=10'		
								IN CHARGE RL										SHEET NO.		
								DATE 5/3/2023										19		OF 24
2	5/3/2023							REVISED FINAL MSF SUBMITTAL												
REV	DATE	BY	APP	REG NO.	EXPIRES	SEAL HOLDER	DESCRIPTION													

15-DEC-2023 16:32 E-28091ATB115.plg wspdw14-pw-svc

CP-01 TRACK GEOMETRY TABLE										
STATIONING DATA							CURVE DATA			
ITEM	DESC	BEARING	DISTANCE	STATION	NORTHING	EASTING	RADIUS (feet)	ANGLE (degrees)	L (feet)	T (feet)
CP01N 190' R	POB	S 25°05'29" E	19.75	10+00.00	1784387.60	6518987.25				
	PI	S 39°20'29" E	91.62	10+19.75	1784369.71	6518995.62				
	PC			11+07.10	1784302.16	6519051.00				
CP-01-1	PI		17.08	11+28.45	1784285.65	6519064.53	125	45°50'12"	42.30	21.35
	PT	S 19°57'17" E	424.17	11+49.39	1784265.58	6519071.82				
CP02S 190' R	PITO	S 19°57'17" E	19.74	15+73.56	1783866.88	6519216.58				
	PS	S 19°57'17" E	27.60	15+93.30	1783848.32	6519223.32				
CP-01-2	PC			16+20.90	1783822.38	6519232.73				
	PI			18+22.76	1783632.64	6519301.62	100	57°17'45"	222.17	201.86
	PT	N 72°39'43" W	50.07	18+43.07	1783692.79	6519108.94				
CP01S 190' R	PI	N 58°24'43" W	19.75	18+93.14	1783707.72	6519061.14				
	POE			19+12.89	1783718.06	6519044.32				

CP-02 TRACK GEOMETRY TABLE										
STATIONING DATA							CURVE DATA			
ITEM	DESC	BEARING	DISTANCE	STATION	NORTHING	EASTING	RADIUS (feet)	ANGLE (degrees)	L (feet)	T (feet)
CP02N 190' R	POB	S 0°19'46" E	19.75	10+00.00	1784522.51	6518953.82				
	PI	S 14°34'46" E	93.12	10+19.75	1784502.76	6518953.94				
	PC			11+12.87	1784412.64	6518977.38				
CP-02-1	PI			11+22.07	1784403.73	6518979.69	100	57°17'45"	18.35	9.20
	PT	S 25°05'29" E	8.61	11+31.22	1784395.40	6518983.60				
CP01N 190' R	PS	S 25°05'29" E	19.75	11+39.83	1784387.60	6518987.25				
	PITO	S 25°05'29" E	90.18	11+59.58	1784369.71	6518995.62				
CP-02-2	PC			12+49.76	1784288.04	6519033.87				
	PI			12+72.19	1784267.73	6519043.38	500	11°27'33"	44.83	22.43
	PT	S 19°57'17" E	292.34	12+94.59	1784246.65	6519051.03				
CP-02-3	PC			15+86.93	1783971.86	6519150.80				
	PI			16+05.68	1783954.24	6519157.20	150	38°11'50"	37.31	18.75
	PT	S 34°12'16" E	86.88	16+24.23	1783938.73	6519167.74				
CP02S 190' R	PI	S 19°57'17" E	19.75	17+11.11	1783866.88	6519216.58				
	POE			17+30.86	1783848.32	6519223.32				

CW TRACK GEOMETRY TABLE										
STATIONING DATA							CURVE DATA			
ITEM	DESC	BEARING	DISTANCE	STATION	NORTHING	EASTING	RADIUS (feet)	ANGLE (degrees)	L (feet)	T (feet)
X01 190' R	POB	N 1°25'21" E	19.76	10+00.00	1783670.48	6519536.89				
	PC	N 1°25'21" E	65.49	10+19.76	1783690.23	6519537.38				
X02 190' R	PITO	N 1°25'21" E	19.76	10+85.25	1783755.70	6519539.01				
	PS	N 1°25'21" E	37.50	11+05.00	1783775.45	6519539.50				
CW-1	PC			11+42.50	1783812.94	6519540.43				
	PI			11+67.50	1783837.93	6519541.05	200	28°38'52"	49.75	25.00
	PT	N 12°49'46" W	487.51	11+92.25	1783862.31	6519535.50				
CW01N 190' R	PI	N 27°04'46" W	19.75	16+79.76	1784337.65	6519427.25				
	POE			16+99.51	1784355.24	6519418.26				

HR-01 TRACK GEOMETRY TABLE										
STATIONING DATA							CURVE DATA			
ITEM	DESC	BEARING	DISTANCE	STATION	NORTHING	EASTING	RADIUS (feet)	ANGLE (degrees)	L (feet)	T (feet)
HR01S 190' R	POB	N 62°55'14" E	19.75	10+00.00	1783698.73	6519319.81				
	PI	N 48°40'14" E	34.93	10+19.75	1783707.72	6519337.40				
	PC			10+54.68	1783730.79	6519363.63				
HR-01-1	PI			11+14.18	1783770.08	6519408.30	100	57°17'45"	107.34	59.49
	PT	N 12°49'46" W	453.71	11+62.02	1783828.09	6519395.09				
HR-01-2	PC			16+15.73	1784270.48	6519294.35				
	PI			16+46.03	1784300.01	6519287.62	100	57°17'45"	58.83	30.29
	PT	N 20°52'35" E	83.98	16+74.56	1784328.32	6519298.41				
HR01N 190' R	PI	N 6°37'35" E	19.75	17+58.54	1784406.79	6519328.34				
	POE			17+78.29	1784426.40	6519330.62				

REVISED FINAL MSF SUBMITTAL – 5/3/2023

THE PREPARATION OF THIS DRAWING HAS BEEN FINANCED IN PART THROUGH A GRANT FROM THE U.S. DEPARTMENT OF TRANSPORTATION FEDERAL TRANSIT ADMINISTRATION (FTA), UNDER THE FEDERAL TRANSIT ACT OF 1964, AS AMENDED, AND IN PART BY THE TAXES OF THE CITIZENS OF LOS ANGELES COUNTY AND OF THE STATE OF CALIFORNIA.										DESIGNED BY CL	
										DRAWN BY SJ	
										CHECKED BY CL	
										IN CHARGE RL	
										DATE 5/3/2023	
	2	5/3/2023									
REV	DATE	BY	APP	REG NO.	EXPIRES	SEAL HOLDER	DESCRIPTION				

HR-02 TRACK GEOMETRY TABLE											
STATIONING DATA							CURVE DATA				
ITEM	DESC	BEARING	DISTANCE	STATION	NORTHING	EASTING	RADIUS (feet)	ANGLE (degrees)	L (feet)	T (feet)	
HR02S 190' R	POB	N 77°10'14" E	19.75	9+99.99	1783677.44	6519267.49					
	PI	N 62°55'14" E	91.55	10+19.75	1783681.83	6519286.75					
HR01S 190' R	PS	N 62°55'14" E	19.75	10+56.88	1783698.73	6519319.81					
	PITO	N 62°55'14" E	34.66	10+76.63	1783707.72	6519337.40					
HR-02-1	PC			11+11.30	1783723.50	6519368.26					
	PI			11+89.08	1783758.91	6519437.51	100	57°17'45"	132.21	77.78	
	PT	N 12°49'46" W	450.82	12+43.51	1783834.75	6519420.24					
HR-02-2	PC			16+94.33	1784274.31	6519320.14					
	PI			17+15.76	1784295.21	6519315.38	125	45°50'12"	42.45	21.43	
	PT	N 6°37'35" E	102.68	17+36.77	1784316.49	6519317.85					
HR01N 190' R	PITO	N 6°37'35" E	20.46	18+39.45	1784418.49	6519329.70					
	PS	N 6°37'35" E	30.00	18+59.91	1784438.81	6519332.06					
HR-02-3	PC			18+89.92	1784468.61	6519335.52					
	PI			19+07.06	1784485.64	6519337.50	100	57°17'45"	33.96	17.14	
	PT	N 12°49'46" W	33.79	19+23.87	1784502.36	6519333.70					
HR02N 190' R	PI	N 12°49'46" W	19.75	19+57.66	1784535.30	6519326.19					
	POE			19+77.41	1784552.89	6519317.20					

MS-01 TRACK GEOMETRY TABLE											
STATIONING DATA							CURVE DATA				
ITEM	DESC	BEARING	DISTANCE	STATION	NORTHING	EASTING	RADIUS (feet)	ANGLE (degrees)	L (feet)	T (feet)	
MS01N 190' R	POB	S 0°19'54" E	19.75	10+00.00	1784465.63	6518954.15					
	PI	S 14°34'46" E	33.79	10+19.75	1784445.88	6518954.27					
MS-01-1	PC			10+53.54	1784413.18	6518962.77					
	PI			10+62.74	1784404.27	6518965.09	100	57°17'45"	18.35	9.20	
	PT	S 25°05'29" E	60.09	10+71.89	1784395.94	6518968.99					
MS02N 190' R	PS	S 25°05'29" E	19.76	11+31.98	1784341.79	6518995.05					
	PITO	S 25°05'29" E	46.39	11+51.74	1784323.90	6519003.43					
MS-01-2	PC			11+98.12	1784281.62	6519022.52					
	PI			12+20.07	1784261.74	6519031.83	100	57°17'45"	43.22	21.95	
	PT	S 0°19'46" E	193.68	12+41.33	1784239.79	6519031.95					
	POE			14+35.01	1784046.12	6519033.07					

MS-02 TRACK GEOMETRY TABLE											
STATIONING DATA							CURVE DATA				
ITEM	DESC	BEARING	DISTANCE	STATION	NORTHING	EASTING	RADIUS (feet)	ANGLE (degrees)	L (feet)	T (feet)	
MS02N 190' R	POB	S 25°05'29" E	19.75	9+99.98	1784341.52	6518994.47					
	PI	S 10°50'28" E	47.61	10+19.75	1784323.63	6519002.85					
MS-02-1	PC			10+60.04	1784283.65	6519010.50					
	PI			10+83.44	1784261.06	6519014.83	250	22°55'06"	45.87	23.00	
	PT	S 0°19'46" E	254.04	11+06.31	1784238.06	6519014.96					
	POE			13+60.35	1783984.02	6519016.42					

PB-01 TRACK GEOMETRY TABLE										
STATIONING DATA							CURVE DATA			
ITEM	DESC	BEARING	DISTANCE	STATION	NORTHING	EASTING	RADIUS (feet)	ANGLE (degrees)	L (feet)	T (feet)
PB01S 190' R	POB	N 62°55'14" E	19.75	10+00.00	1783686.10	6519264.35				
	PI	N 48°40'14" E	33.66	10+19.75	1783695.09	6519281.94				
PB-01-1	PC			10+53.41	1783717.32	6519307.21				
	PI			11+12.90	1783756.61	6519351.89	100	57°17'45"	107.34	59.49
	PT	N 12°49'47" W	182.95	11+60.75	1783814.62	6519338.68				
	POE			13+43.70	1783993.00	6519298.05				

15-DEC-2023 16:32
wsppw14-pw-svc E-28091ATB116.plg

PB-02 TRACK GEOMETRY TABLE										
STATIONING DATA							CURVE DATA			
ITEM	DESC	BEARING	DISTANCE	STATION	NORTHING	EASTING	RADIUS (feet)	ANGLE (degrees)	L (feet)	T (feet)
PB02S 190' R	POB	N 77°10'14" E	19.75	10+00.00	1783664.81	6519212.03				
	PI	N 62°55'14" E	37.13	10+19.75	1783669.20	6519231.29				
PB01S 190' R	PS	N 62°55'14" E	19.75	10+56.88	1783686.10	6519264.35				
	PITO	N 62°55'14" E	37.64	10+76.63	1783695.09	6519281.94				
PB-02-1	PC			11+14.27	1783712.23	6519315.45				
	PI			11+92.05	1783747.63	6519384.70	100	57°17'45"	132.21	77.78
	PT	N 12°49'47" W	178.20	12+46.48	1783823.47	6519367.43				
	POE			14+24.68	1783997.23	6519327.86				

RA-01 TRACK GEOMETRY TABLE										
STATIONING DATA							CURVE DATA			
ITEM	DESC	BEARING	DISTANCE	STATION	NORTHING	EASTING	RADIUS (feet)	ANGLE (degrees)	L (feet)	T (feet)
X01 190' R	POB	S 1°25'21" W	77.77	9+88.41	1783670.48	6519536.90				
RA-01-1	PC			10+66.18	1783592.74	6519534.96				
	PI			12+39.96	1783419.01	6519530.65	100	57°17'45"	209.73	173.78
	PT	N 58°26'42" W	67.59	12+75.91	1783510.04	6519382.61				
X07 NO. 10	PITO	N 58°26'42" W	78.92	13+43.50	1783546.09	6519325.43				
	PS	N 58°26'42" W	30.00	14+22.42	1783587.39	6519258.18				
X06 NO. 10	PS	N 58°26'42" W	31.42	14+52.42	1783603.09	6519232.62				
	PITO	N 58°26'42" W	112.33	14+83.84	1783619.53	6519205.84				
WT01S 190' R	PITO	N 58°26'42" W	19.75	15+96.17	1783678.31	6519110.12				
CP01S 190' R	PS	N 58°26'42" W	35.10	16+15.92	1783688.65	6519093.29				
	PITO	N 58°26'42" W	19.75	16+51.02	1783707.02	6519063.38				
ST07S 190' R	PS	N 58°26'42" W	15.01	16+70.77	1783717.36	6519046.55				
	PITO	N 58°26'42" W	19.75	16+85.78	1783725.21	6519033.76				
ST10S 190' R	PS	N 58°26'42" W	45.29	17+05.53	1783735.54	6519016.93				
	PITO	N 58°26'42" W	19.75	17+50.81	1783759.24	6518978.34				
ST12S 190' R	PS	N 58°26'42" W	37.13	17+70.57	1783769.58	6518961.51				
	PITO	N 58°26'42" W	19.75	18+07.70	1783789.01	6518929.87				
ST13S 190' R	PS	N 58°26'42" W	35.09	18+27.44	1783799.34	6518913.04				
	PITO	N 58°26'42" W	19.75	18+62.54	1783817.71	6518883.14				
RA-01-2	PC			19+14.83	1783844.71	6518838.35				
	PI			19+70.36	1783873.80	6518791.05	100	57°17'45"	101.37	55.53
	PT	N 0°19'46" W	591.29	20+16.21	1783929.32	6518790.73				
RA-01-3	PC			26+07.49	1784520.60	6518787.33				
	PI			26+26.24	1784539.35	6518787.23	150	38°11'50"	37.31	18.75
	PT	N 13°55'14" E	40.16	26+44.80	1784557.55	6518791.74				
ST13N 190' R	PITO	N 13°55'14" E	19.75	26+84.96	1784596.53	6518801.40				
	PS	N 13°55'14" E	163.88	27+04.71	1784615.70	6518806.15				
RA-01-4	PC			27+19.61	1784630.16	6518809.73				
	PI			27+97.54	1784705.80	6518828.48	100	57°17'45"	132.40	77.93
	PT	N 89°46'49" E	36.34	28+52.01	1784706.10	6518906.41				
ST12N 190' R	PITO	N 89°46'49" E	19.75	28+88.35	1784706.23	6518942.76				
	PS	N 89°46'49" E	35.13	29+08.10	1784706.31	6518962.51				
ST10N 190' R	PITO	N 89°46'49" E	19.75	29+43.23	1784706.45	6518997.64				
	PS	N 89°46'49" E	24.07	29+62.98	1784706.52	6519017.39				
RA-01-5	PC			29+87.06	1784706.62	6519041.46				
	PI			30+19.20	1784706.74	6519073.61	100	57°17'45"	62.20	32.15
	PT	S 54°34'46" E	63.09	30+49.26	1784688.11	6519099.80				
ST06N 190' R	PI	S 54°34'46" E	19.76	31+12.35	1784651.55	6519151.21				
	POE	S 54°34'46" E		31+32.11	1784644.41	6519169.63				

RA-02 TRACK GEOMETRY TABLE										
STATIONING DATA							CURVE DATA			
ITEM	DESC	BEARING	DISTANCE	STATION	NORTHING	EASTING	RADIUS (feet)	ANGLE (degrees)	L (feet)	T (feet)
RA02S 190' R	POB	N 58°24'43" W	31.42	9+95.11	1783312.00	6519677.94				
	PI	N 52°41'26" W	79.89	10+26.53	1783328.46	6519651.18				
RA-02-1	PC			11+06.42	1783376.88	6519587.64				
	PI			11+57.49	1783407.84	6519547.01	100	57°17'45"	94.45	51.08
	PT	N 1°25'21" E	211.24	12+00.86	1783458.90	6519548.28				
X02 190' R	PS	N 1°25'21" E	19.75	14+12.10	1783670.07	6519553.52				
	PITO	N 1°25'21" E	65.50	14+31.85	1783689.81	6519554.01				
X03 190' R	PITO	N 1°25'21" E	19.76	14+97.35	1783755.29	6519555.64				
	PS	N 1°25'21" E	63.40	15+17.10	1783775.04	6519556.13				
RA-02-2	PC			15+80.50	1783838.42	6519557.70				
	PI			16+05.50	1783863.42	6519558.32	200	28°38'52"	49.75	25.00
	PT	N 12°49'46" W	359.16	16+30.25	1783887.80	6519552.77				
RA-02-3	PC			19+89.40	1784237.98	6519473.02				
	PI			20+08.15	1784256.27	6519468.86	150	38°11'50"	37.31	18.75
	PT	N 27°04'46" W	72.66	20+26.71	1784272.96	6519460.32				
CW01N 190' R	PITO	N 27°04'46" W	19.75	20+99.37	1784337.65	6519427.25				
	PS	N 27°04'46" W		21+19.12	1784355.24	6519418.26				
WT01N 190' R	PITO	N 27°04'46" W	19.75	22+63.90	1784484.15	6519352.35				
	PS	N 27°04'46" W		22+83.65	1784501.73	6519343.36				
HR-02N 190' R	PITO	N 27°04'46" W	19.75	23+21.35	1784535.30	6519326.19				
	PS	N 27°04'46" W		23+41.10	1784552.89	6519317.20				
RA-02-4	PC			23+51.10	1784561.79	6519312.65				
	PI			23+89.24	1784595.75	6519295.29	100	57°17'45"	72.87	38.14
	PT	N 27°04'46" W	44.12	24+23.97	1784609.52	6519259.73				
	POE	N 68°49'46" W		24+68.09	1784625.45	6519218.58				

SI-01 TRACK GEOMETRY TABLE										
STATIONING DATA							CURVE DATA			
ITEM	DESC	BEARING	DISTANCE	STATION	NORTHING	EASTING	RADIUS (feet)	ANGLE (degrees)	L (feet)	T (feet)
SI01S 190' R	POB	N 62°55'14" E	19.75	9+46.60	1783709.92	6519372.46				
	PI	N 48°40'14" E	32.87	9+66.35	1783718.91	6519390.04				
SI-01-1	PC			9+99.22	1783740.62	6519414.72				
	PI			10+58.71	1783779.91	6519459.40	100	57°17'45"	107.34	59.49
	PT	N 12°49'46" W	441.03	11+06.55	1783837.92	6519446.19				
SI-01-2	PC			15+49.86	1784270.15	6519347.75				

REVISED FINAL MSF SUBMITTAL – 5/3/2023

THE PREPARATION OF THIS DRAWING HAS BEEN FINANCED IN PART THROUGH A GRANT FROM THE U.S. DEPARTMENT OF TRANSPORTATION FEDERAL TRANSIT ADMINISTRATION (FTA), UNDER THE FEDERAL TRANSIT ACT OF 1964, AS AMENDED, AND IN PART BY THE TAXES OF THE CITIZENS OF LOS ANGELES COUNTY AND OF THE STATE OF CALIFORNIA.									DESIGNED BY		M LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY Metrol wspp 515 South Figueroa Street Suite 1400 Los Angeles, CA 90071	SUBMITTED _____	APPROVED _____
								DRAWN BY					
								SJ					
								CHECKED BY					
								CL					
									IN CHARGE				
									RL				
									DATE				
	2	5/3/2023							5/3/2023				
REV	DATE	BY	APP	REG NO.	EXPIRES	SEAL HOLDER	DESCRIPTION						

NOT FOR CONSTRUCTION

WEST SANTA ANA BRANCH LRT
YARD TRACK GEOMETRY TABLES
BELLFLOWER YARD

CONTRACT NO AE5999300	
DRAWING NO T-B116	REV
SCALE NO SCALE	
SHEET NO 21 OF 24	

15-DEC-2023 16:36
wsppw14-pw-svc E-28091ATB17.plg

SI-02 TRACK GEOMETRY TABLE										
STATIONING DATA							CURVE DATA			
ITEM	DESC	BEARING	DISTANCE	STATION	NORTHING	EASTING	RADIUS (feet)	ANGLE (degrees)	L (feet)	T (feet)
SI02S 190' R	POB	N 77°10'06" E	19.75	10+00.00	1783690.07	6519322.95				
	PI	N 62°55'14" E	33.97	10+19.75	1783694.46	6519342.21				
SI01S 190' R	PS	N 62°55'14" E	19.75	10+53.72	1783709.93	6519372.46				
	PITO	N 62°55'14" E	32.79	10+73.47	1783718.92	6519390.04				
SI-02-1	PC			11+06.26	1783733.84	6519419.24				
	PI			11+84.04	1783769.25	6519488.49	100	57°17'45"	132.21	77.78
	PT	N 12°49'46" W	469.84	12+38.47	1783845.08	6519471.22				
SI-02-2	PC			17+08.31	1784303.19	6519366.89				
	PI			17+27.06	1784321.48	6519362.73	150	38°11'50"	37.31	18.75
	PT	N 1°25'14" E	86.87	17+45.62	1784340.22	6519363.19				
WT01N 190' R	PITO	N 1°25'14" E	19.75	18+32.49	1784427.07	6519365.35				
	POE	N 12°49'46" W		18+52.24	1784446.33	6519360.96				

ST-01 TRACK GEOMETRY TABLE										
STATIONING DATA							CURVE DATA			
ITEM	DESC	BEARING	DISTANCE	STATION	NORTHING	EASTING	RADIUS (feet)	ANGLE (degrees)	L (feet)	T (feet)
ST01N 190' R	POB	S 0°19'46" E	19.75	10+00.00	1784391.72	6518954.58				
	PI	S 14°34'46" E	113.44	10+19.75	1784371.97	6518954.69				
ST-01-1	PC			11+26.94	1784268.24	6518981.67				
	PI			11+45.69	1784250.09	6518986.39	150	38°11'50"	37.31	18.75
	PT	S 0°19'46" E	301.98	11+64.24	1784231.34	6518986.50				
	POE			14+66.22	1783929.36	6518988.24				

ST-02 TRACK GEOMETRY TABLE										
STATIONING DATA							CURVE DATA			
ITEM	DESC	BEARING	DISTANCE	STATION	NORTHING	EASTING	RADIUS (feet)	ANGLE (degrees)	L (feet)	T (feet)
ST02N 190' R	POB	S 0°19'46" E	19.75	10+00.00	1784336.88	6518954.89				
	PI	S 14°34'46" E	48.28	10+19.75	1784317.13	6518955.01				
ST-02-1	PC			10+64.90	1784273.43	6518966.37				
	PI			10+86.78	1784252.26	6518971.88	175	32°44'26"	43.52	21.87
	PT	S 0°19'46" E	301.11	11+08.43	1784230.38	6518972.01				
	POE			14+09.54	1783929.28	6518973.74				

ST-03 TRACK GEOMETRY TABLE										
STATIONING DATA							CURVE DATA			
ITEM	DESC	BEARING	DISTANCE	STATION	NORTHING	EASTING	RADIUS (feet)	ANGLE (degrees)	L (feet)	T (feet)
ST03N 190' R	POB	S 82°40'14" W	19.75	9+33.95	1784638.08	6519085.90				
	PI	S 68°25'14" W	52.98	9+53.70	1784635.56	6519066.31				
ST-03-1	PC			10+06.68	1784616.07	6519017.04				
	PI			10+75.09	1784590.91	6518953.43	100	57°17'45"	119.99	68.41
	PT	S 0°19'46" E	0.00	11+26.67	1784522.51	6518953.82				
CP02N 190' R	PS	S 0°19'46" E	19.75	11+26.67	1784522.51	6518953.82				
	PITO	S 0°19'46" E	37.13	11+46.42	1784502.76	6518953.94				
MS01N 190' R	PS	S 0°19'46" E	19.75	11+83.55	1784465.63	6518954.15				
	PITO	S 0°19'46" E	54.16	12+03.30	1784445.88	6518954.27				
ST01N 190' R	PS	S 0°19'46" E	19.75	12+57.46	1784391.72	6518954.58				
	PITO	S 0°19'46" E	35.09	12+77.21	1784371.97	6518954.69				
ST02N 190' R	PS	S 0°19'46" E	19.75	13+12.30	1784336.88	6518954.89				
	PITO	S 0°19'46" E	387.96	13+32.05	1784317.13	6518955.01				
	POE			17+20.00	1783929.18	6518957.24				

ST-04 TRACK GEOMETRY TABLE										
STATIONING DATA							CURVE DATA			
ITEM	DESC	BEARING	DISTANCE	STATION	NORTHING	EASTING	RADIUS (feet)	ANGLE (degrees)	L (feet)	T (feet)
ST04S 190' R	POB	N 14°34'46" W	19.75	10+00.00	1783850.60	6518949.05				
	PI	N 0°19'46" W	661.10	10+19.75	1783869.72	6518944.08				
ST-04-1	PC			16+80.85	1784530.81	6518940.28				
	PI			17+69.33	1784619.28	6518939.77	100	57°17'45"	144.86	88.47
	PT	N 82°40'14" E	39.11	18+25.72	1784630.57	6519027.52				
ST03N 190' R	PITO	N 82°40'14" E	19.75	18+64.83	1784635.56	6519066.31				
	PS	N 82°40'14" E	33.79	18+84.58	1784638.08	6519085.90				
ST04N 190' R	PI	S 83°04'46" E	19.75	19+18.37	1784642.39	6519119.41				
	POE			19+38.12	1784640.01	6519139.02				

ST-05 TRACK GEOMETRY TABLE										
STATIONING DATA							CURVE DATA			
ITEM	DESC	BEARING	DISTANCE	STATION	NORTHING	EASTING	RADIUS (feet)	ANGLE (degrees)	L (feet)	T (feet)
ST05S 190' R	POB	N 28°49'46" W	19.75	10+00.00	1783794.80	6518968.59				
	PI	N 14°34'46" W	39.78	10+19.75	1783812.10	6518959.07				
ST04S 190' R	PS	N 14°34'46" W	19.76	10+59.53	1783850.60	6518949.05				
	PITO	N 14°34'46" W	48.27	10+79.29	1783869.72	6518944.08				
ST-05-1	PC			11+27.56	1783916.44	6518931.93				
	PI			11+46.31	1783934.59	6518927.21	150	38°11'50"	37.31	18.75
	PT	N 0°19'46" W	595.21	11+64.87	1783953.34	6518927.10				
ST-05-2	PC			17+53.83	1784542.29	6518923.71				
	PI			18+42.30	1784630.76	6518923.20	100	57°17'45"	144.86	88.47
	PT	N 82°40'14" E	54.46	18+98.69	1784642.05	6519010.95				
ST05N 190' R	PITO	S 83°04'46" E	19.75	19+53.15	1784649.00	6519064.97				
	PS			19+72.90	1784646.62	6519084.58				

ST-06 TRACK GEOMETRY TABLE										
STATIONING DATA							CURVE DATA			
ITEM	DESC	BEARING	DISTANCE	STATION	NORTHING	EASTING	RADIUS (feet)	ANGLE (degrees)	L (feet)	T (feet)
ST06S 190' R	POB	N 28°49'46" W	19.75	9+99.67	1783844.63	6518941.16				
	PI	N 14°34'46" W	56.46	10+19.42	1783861.93	6518931.64				
ST-06-1	PC			10+75.88	1783916.58	6518917.42				
	PI			10+94.63	1783934.72	6518912.71	150	38°11'50"	37.31	18.75
	PT	N 0°19'46" W	589.65	11+13.19	1783953.47	6518912.60				
ST-06-2	PC			17+02.84	1784543.11	6518909.21				
	PI			18+27.72	1784667.99	6518908.49	110	52°05'13"	186.71	124.88
	PT	S 83°04'46" E	32.75	18+89.55	1784652.94	6519032.46				
ST05N 190' R	PITO	N 66°01'49" E	19.75	19+22.30	1784649.00	6519064.97				
	PS	N 66°01'49" E	35.09	19+42.05	1784646.62	6519084.58				
ST04N 190' R	PITO	N 66°01'49" E	19.77	19+77.14	1784642.39	6519119.41				
	PS	N 66°01'49" E	61.60	19+96.91	1784639.26	6519138.93				
ST06N 190' R	PITO	S 68°49'46" E	19.75	20+58.49	1784632.59	6519200.17				
	PS			20+78.24	1784625.45	6519218.58				

REVISED FINAL MSF SUBMITTAL – 5/3/2023

THE PREPARATION OF THIS DRAWING HAS BEEN FINANCED IN PART THROUGH A GRANT FROM THE U.S. DEPARTMENT OF TRANSPORTATION FEDERAL TRANSIT ADMINISTRATION (FTA), UNDER THE FEDERAL TRANSIT ACT OF 1964, AS AMENDED, AND IN PART BY THE TAXES OF THE CITIZENS OF LOS ANGELES COUNTY AND OF THE STATE OF CALIFORNIA.								DESIGNED BY CL		M Los Angeles County METROPOLITAN TRANSPORTATION AUTHORITY	wspp 515 South Figueroa Street Suite 1400 Los Angeles, CA 90071	SUBMITTED _____	APPROVED _____	WEST SANTA ANA BRANCH LRT YARD TRACK GEOMETRY TABLES BELLFLOWER YARD	CONTRACT NO AE5999300
							DRAWING NO T-B117	REV							
							SCALE NO SCALE								
							SHEET NO 22	OF 24							
REV	DATE	BY	APP	REG NO.	EXPIRES	SEAL HOLDER	DESCRIPTION	DATE 5/3/2023							

15-DEC-2023 16:33 wsdpw14-pw-svc E-28091ATB118.plg

ST-07 TRACK GEOMETRY TABLE										
STATIONING DATA							CURVE DATA			
ITEM	DESC	BEARING	DISTANCE	STATION	NORTHING	EASTING	RADIUS (feet)	ANGLE (degrees)	L (feet)	T (feet)
ST07S 190' R	POB	N 58°24'43" W	19.75	9+97.85	1783723.60	6519035.31				
	PI	N 44°09'43" W	37.50	10+17.60	1783733.95	6519018.48				
ST-07-1	PC			10+51.73	1783758.44	6518994.70				
	PI			10+71.92	1783772.92	6518980.63	150	38°11'50"	40.14	20.19
	PT	N 28°49'46" W	4.79	10+91.87	1783790.61	6518970.90				
ST05S 190' R	PS	N 28°49'46" W	19.75	10+96.66	1783794.80	6518968.59				
	PITO	N 28°49'46" W	37.13	11+16.41	1783812.10	6518959.07				
ST06S 190' R	PS	N 28°49'46" W	19.75	11+53.54	1783844.63	6518941.16				
	PITO	N 28°49'46" W	47.99	11+73.29	1783861.93	6518931.64				
ST-07-2	PC			12+21.27	1783903.97	6518908.50				
	PI			12+46.67	1783926.22	6518896.25	100	57°17'45"	49.74	25.40
	PT	N 0°19'46" W	591.18	12+71.01	1783951.61	6518896.11				
ST-07-3	PC			18+62.20	1784542.79	6518892.71				
	PI			20+15.46	1784696.05	6518891.83	135	42°26'29"	229.14	153.26
	PT	S 83°04'46" E	58.71	20+91.34	1784677.58	6519043.97				
ST07N 190' R	PI	N 68°49'46" E	19.75	21+50.05	1784670.51	6519102.25				
	POE			21+69.80	1784663.37	6519120.67				

ST-08 TRACK GEOMETRY TABLE										
STATIONING DATA							CURVE DATA			
ITEM	DESC	BEARING	DISTANCE	STATION	NORTHING	EASTING	RADIUS (feet)	ANGLE (degrees)	L (feet)	T (feet)
ST08S 190' R	POB	N 29°54'43" W	19.75	9+98.16	1783837.25	6518907.34				
	PI	N 15°39'43" W	40.70	10+17.91	1783854.37	6518897.49				
ST-08-1	PC			10+51.88	1783887.08	6518888.32				
	PI			10+72.07	1783906.52	6518882.87	150	38°11'50"	40.14	20.19
	PT	N 0°19'46" W	631.78	10+92.02	1783926.71	6518882.75				
ST-08-2	PC			17+17.07	1784551.75	6518879.16				
	PI			19+22.69	1784757.37	6518877.97	140	40°55'32"	272.45	205.62
	PT	N 68°49'46" E	34.89	19+89.52	1784683.11	6519069.71				
ST07N 190' R	PITO	N 68°49'46" E	19.75	20+24.41	1784670.51	6519102.25				
	PS	N 68°49'46" E	105.00	20+44.16	1784662.68	6519120.40				
RA01N 190' R	PITO	N 68°49'46" E	19.75	20+76.91	1784651.55	6519151.21				
	PS	N 68°49'46" E		20+96.66	1784644.41	6519169.63				
	POE			21+49.16	1784625.45	6519218.58				

ST-09 TRACK GEOMETRY TABLE										
STATIONING DATA							CURVE DATA			
ITEM	DESC	BEARING	DISTANCE	STATION	NORTHING	EASTING	RADIUS (feet)	ANGLE (degrees)	L (feet)	T (feet)
ST09S 190' R	POB	N 44°09'43" W	19.75	10+00.00	1783793.80	6518937.95				
	PI	N 29°56'42" W	33.79	10+19.75	1783807.96	6518924.19				
ST08S 190' R	PS	N 29°54'43" W	19.76	10+53.54	1783837.62	6518907.97				
	PITO	N 29°54'43" W	36.03	10+73.30	1783854.35	6518897.46				
ST-09-1	PC			11+09.32	1783885.60	6518879.52				
	PI			11+35.72	1783908.49	6518866.36	100	57°17'45"	51.63	26.40
	PT	N 0°19'46" W	659.58	11+60.95	1783934.89	6518866.20				
ST09N 190' R	PI	N 13°55'14" E	19.75	18+20.53	1784594.46	6518862.41				
	POE			18+40.28	1784613.63	6518867.16				

ST-10 TRACK GEOMETRY TABLE										
STATIONING DATA							CURVE DATA			
ITEM	DESC	BEARING	DISTANCE	STATION	NORTHING	EASTING	RADIUS (feet)	ANGLE (degrees)	L (feet)	T (feet)
ST10S 190' R	POB	N 58°24'43" W	19.75	9+98.12	1783757.82	6518979.67				
	PI	N 44°09'43" W	35.74	10+17.87	1783768.16	6518962.84				
ST09S 190' R	PS	N 44°09'43" W	19.76	10+53.61	1783794.33	6518938.49				
	PITO	N 44°09'43" W	43.27	10+73.37	1783807.96	6518924.19				
ST-10-1	PC			11+16.62	1783839.00	6518894.05				
	PI			11+76.96	1783882.29	6518852.01	150	38°11'50"	114.75	60.35
	PT	N 0°19'46" W	582.15	12+31.37	1783942.64	6518851.66				
ST-10-2	PC			18+07.27	1784518.53	6518848.35				
	PI			18+26.02	1784537.28	6518848.24	150	38°11'50"	37.31	18.75
	PT	N 13°55'14" E	40.16	18+44.58	1784555.48	6518852.75				
ST09N 190' R	PITO	N 52°43'39" E	19.76	18+84.74	1784594.46	6518862.41				
	PS	N 52°43'39" E	5.53	19+04.50	1784613.45	6518867.89				
ST-10-3	PC			19+09.97	1784618.95	6518868.48				
	PI			19+69.59	1784676.82	6518882.82	100	57°17'45"	107.53	59.62
	PT	N 75°31'49" E	58.96	20+17.49	1784691.72	6518940.56				
ST10N 190' R	PI	N 89°46'49" E	19.75	20+76.45	1784706.45	6518997.64				
	POE			20+96.20	1784706.52	6519017.39				

ST-11 TRACK GEOMETRY TABLE										
STATIONING DATA							CURVE DATA			
ITEM	DESC	BEARING	DISTANCE	STATION	NORTHING	EASTING	RADIUS (feet)	ANGLE (degrees)	L (feet)	T (feet)
ST11S 190' R	POB	N 44°09'43" W	19.75	9+99.88	1783826.14	6518886.38				
	PI	N 29°54'43" W	48.28	10+19.63	1783840.31	6518872.62				
ST-11-1	PC			10+67.91	1783882.16	6518848.54				
	PI			10+94.32	1783905.04	6518835.37	100	57°17'45"	51.63	26.40
	PT	N 0°19'46" W	667.03	11+19.55	1783931.45	6518835.22				
ST11N 190' R	PI	N 13°55'14" E	19.75	17+86.57	1784598.46	6518831.39				
	POE			18+06.32	1784617.63	6518836.14				

ST-12 TRACK GEOMETRY TABLE										
STATIONING DATA							CURVE DATA			
ITEM	DESC	BEARING	DISTANCE	STATION	NORTHING	EASTING	RADIUS (feet)	ANGLE (degrees)	L (feet)	T (feet)
ST12S 190' R	POB	N 58°24'43" W	19.75	9+99.98	1783788.59	6518929.62				
	PI	N 44°09'43" W	38.03	10+19.73	1783798.94	6518912.80				
ST11S 190' R	PS		19.76	10+57.76	1783827.05	6518887.15				
	PITO		32.39	10+77.52	1783840.69	6518872.85				
ST-12-1	PC			11+09.92	1783863.62	6518849.98				
	PI			11+50.15	1783892.48	6518821.95	100	57°17'45"	76.50	40.23
	PT	N 0°19'46" W	593.78	11+86.42	1783932.71	6518821.72				
ST-12-2	PC			17+80.17	1784526.48	6518818.30				
	PI			17+98.92	1784545.23	6518818.19	150	38°11'50"	37.31	18.75
	PT	N 13°55'14" E	36.09	18+17.48	1784563.43	6518822.70				
ST11N 190' R	PITO		19.76	18+53.57	1784598.46	6518831.39				
	PS		138.18	18+73.33	1784617.45	6518836.87				
ST-12-3	PC			18+80.93	1784625.01	6518837.97				
	PI			19+40.55	1784682.89	6518852.31	100	57°17'45"	107.53	59.62
	PT	N 75°31'49" E	33.79	19+88.46	1784697.78	6518910.04				
ST12N 190' R	PI	N 89°45'00" E	19.79	20+22.25	1784706.23	6518942.76				
	POE			20+42.04	1784706.31	6518962.55				

REVISED FINAL MSF SUBMITTAL – 5/3/2023

THE PREPARATION OF THIS DRAWING HAS BEEN FINANCED IN PART THROUGH A GRANT FROM THE U.S. DEPARTMENT OF TRANSPORTATION FEDERAL TRANSIT ADMINISTRATION (FTA), UNDER THE FEDERAL TRANSIT ACT OF 1964, AS AMENDED, AND IN PART BY THE TAXES OF THE CITIZENS OF LOS ANGELES COUNTY AND OF THE STATE OF CALIFORNIA.									DESIGNED BY CL		M Los Angeles County METROPOLITAN TRANSPORTATION AUTHORITY	WSP 515 South Figueroa Street Suite 1400 Los Angeles, CA 90071	SUBMITTED _____		WEST SANTA ANA BRANCH LRT YARD TRACK GEOMETRY TABLES BELLFLOWER YARD	CONTRACT NO AE5999300	
								DRAWING NO T-B118	REV								
								SCALE NO SCALE									
								SHEET NO									
	2	5/3/2023						23 OF 24									
REV	DATE	BY	APP	REG NO.	EXPIRES	SEAL HOLDER	DESCRIPTION	DATE 5/3/2023									

STATIONING DATA							CURVE DATA			
ITEM	DESC	BEARING	DISTANCE	STATION	NORTHING	EASTING	RADIUS (feet)	ANGLE (degrees)	L (feet)	T (feet)
WT01S 190' R	POB	S 58°24'43" E	19.75	9+97.58	1783689.39	6519090.94				
	PI	S 72°39'43" E	46.75	10+17.33	1783679.05	6519107.76				
WT-1	PC			10+64.08	1783665.12	6519152.38				
	PI			10+91.03	1783657.09	6519178.11	100	57°17'45"	52.65	26.95
	PT	N 77°10'14" E	7.84	11+16.73	1783663.07	6519204.39				
PB02S 190' R	PS	N 77°10'14" E	19.76	11+24.57	1783665.55	6519211.87				
	PITO	N 77°10'14" E	37.14	11+44.33	1783669.20	6519231.29				
HR02S 190' R	PS	N 77°10'14" E	19.76	11+81.47	1783678.18	6519267.33				
	PITO	N 77°10'14" E	37.14	12+01.23	1783681.83	6519286.75				
SI02S 190' R	PS	N 77°10'14" E	19.76	12+38.37	1783690.81	6519322.79				
	PITO	N 77°10'14" E	85.24	12+58.13	1783694.46	6519342.21				
WT-2	PC			13+43.31	1783713.38	6519425.32				
	PI			14+43.31	1783735.59	6519522.82	100	57°17'45"	157.08	100.00
	PT	N 12°49'46" W	667.72	15+00.39	1783833.09	6519500.62				
SI02N 190' R	PITO	N 12°49'46" W	19.76	21+09.58	1784427.07	6519365.35				
	PS	N 12°49'46" W	38.80	21+29.34	1784446.16	6519360.23				
WT01N 190' R	PI	N 27°04'46" W	19.75	21+68.12	1784484.15	6519352.35				
	PS			21+87.87	1784501.73	6519343.36				

NOT FOR CONSTRUCTION

THE PREPARATION OF THIS DRAWING HAS BEEN FINANCED IN PART THROUGHOUT A GRANT FROM THE U.S. DEPARTMENT OF TRANSPORTATION FEDERAL TRANSIT ADMINISTRATION (FTA), UNDER THE FEDERAL TRANSIT ACT OF 1964, AS AMENDED, AND IN PART BY THE TAXES OF THE CITIZENS OF LOS ANGELES COUNTY AND OF THE STATE OF CALIFORNIA.										DESIGNED BY CL	 LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY	WEST SANTA ANA BRANCH LRT YARD TRACK GEOMETRY TABLES BELLFLOWER YARD	CONTRACT NO AE5999300	
										DRAWN BY SJ			DRAWING NO T-B119	REV
										CHECKED BY CL			SCALE NO SCALE	
										IN CHARGE RL			SHEET NO 24 OF 24	
										DATE 5/3/2023				
	2	5/3/2023							REVISED FINAL MSF SUBMITTAL					
	REV	DATE	BY	APP	REG NO.	EXPIRES		SEAL HOLDER	DESCRIPTION					