

West Santa Ana Branch Transit Corridor

Draft EIS/EIR Appendix B: Final Advanced Conceptual Alignment Design
Part 4

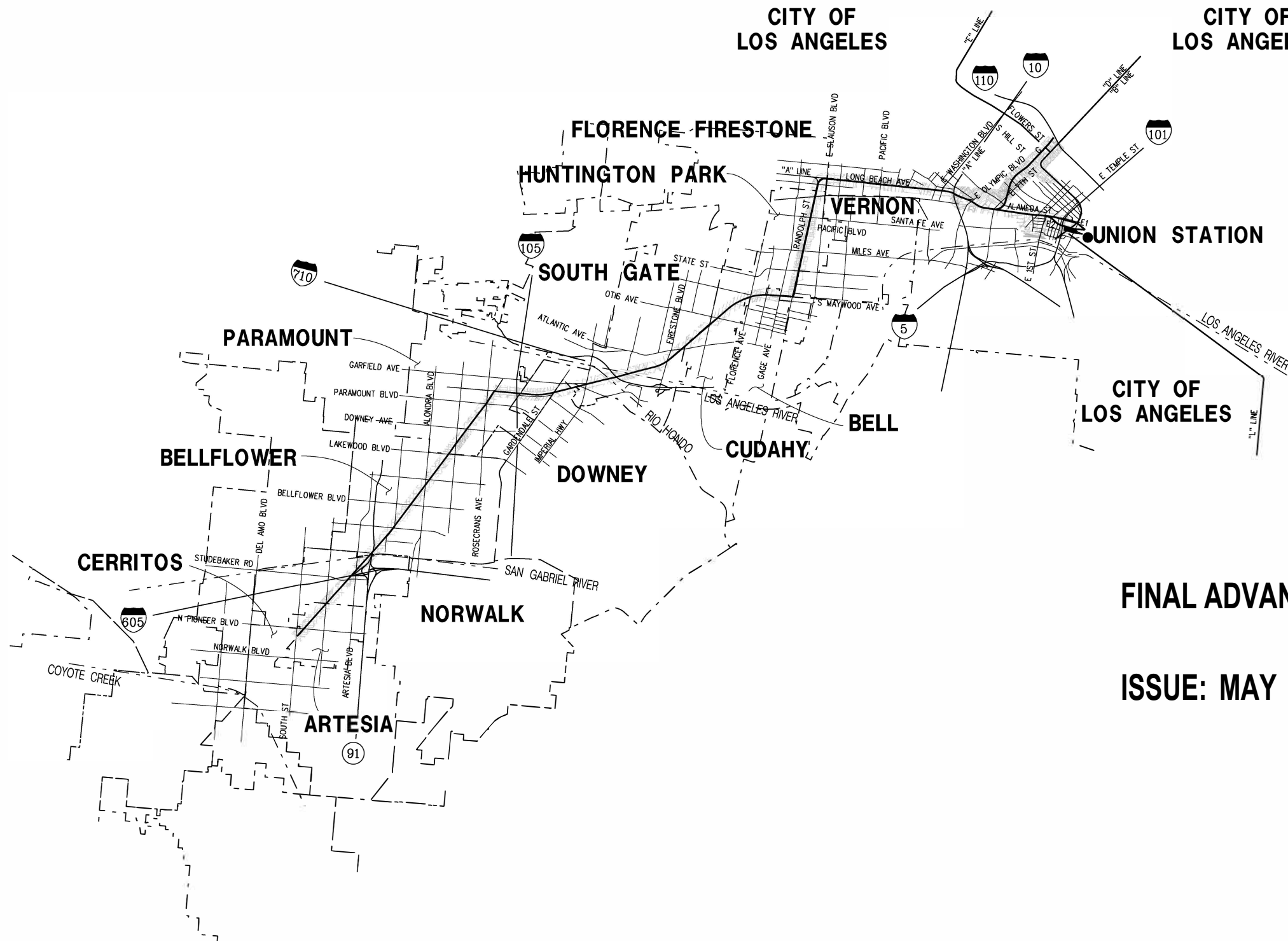
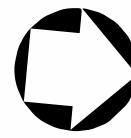
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26-MAY-2020

CITY OF LOS ANGELES

CITY OF LOS ANGELES



FINAL ADVANCED CONCEPTUAL STATIONS DESIGN

ISSUE: MAY 27, 2020

NOT FOR CONSTRUCTION

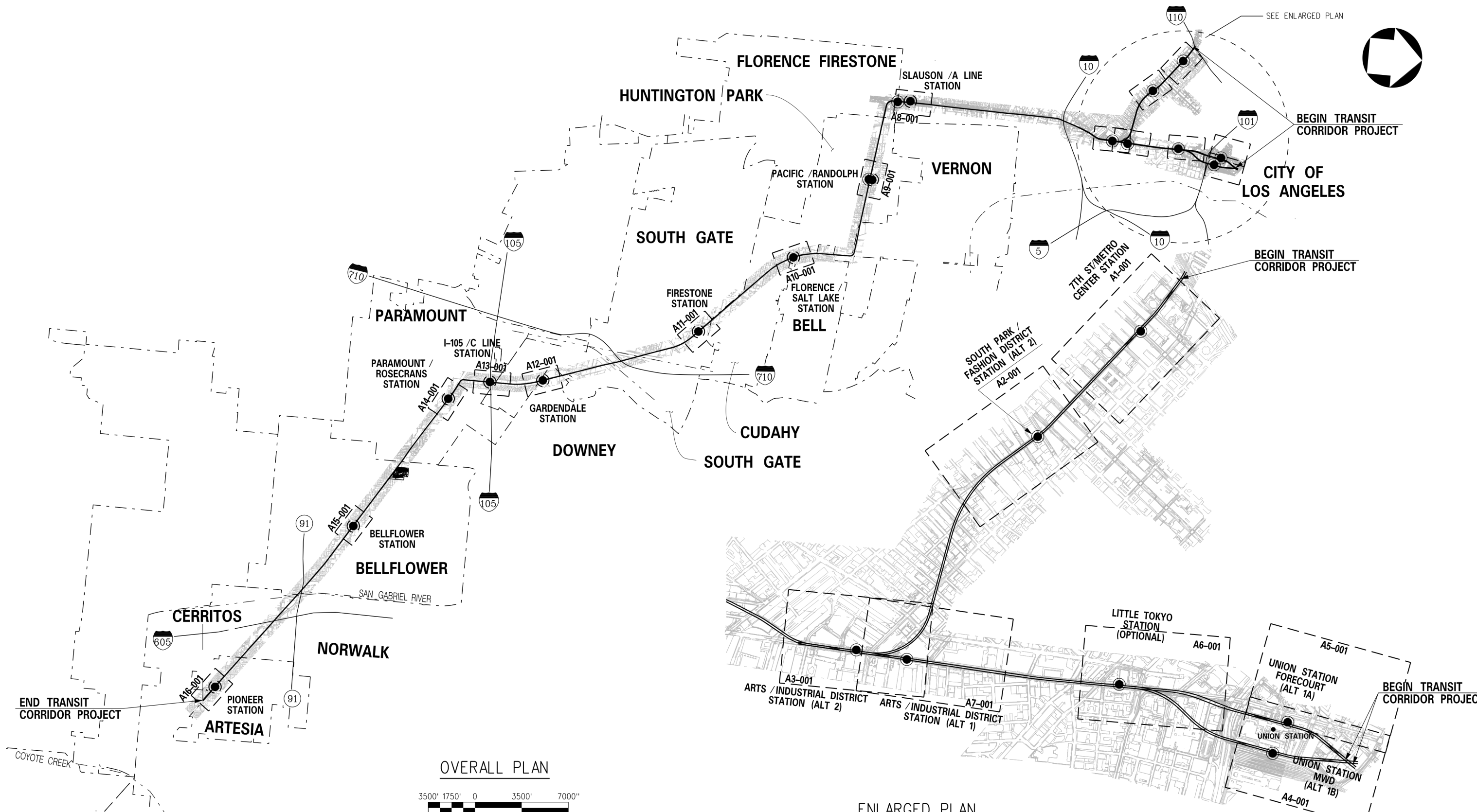
WEST SANTA ANA BRANCH TRANSIT CORRIDOR PROJECT

444 South Flower Street
Suite 800
Los Angeles, CA 90071
TEL (213) 362-9470



LOS ANGELES COUNTY
METROPOLITAN TRANSPORTATION AUTHORITY

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OVERALL PLAN
 3500' 1750' 0 3500' 7000'
 HORIZ: 1"=3500'

ENLARGED PLAN
 NO SCALE

FINAL ADVANCED CONCEPTUAL STATIONS DESIGN

NOT FOR CONSTRUCTION

REV	DATE	BY	APP	REG NO.	EXPIRES	SEAL HOLDER	DESCRIPTION

DESIGNED BY
J. HUANG
 DRAWN BY
M. MIREA
 CHECKED BY
S. MATHEWS
 IN CHARGE
N. MAACK
 DATE
5/27/2020

M Metro
LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY

wsp 444 South Flower Street
 Suite 800
 Los Angeles, CA 90071
 TEL (213) 362-9470

SUBMITTED _____
 APPROVED _____

WEST SANTA ANA BRANCH LRT ARCHITECTURAL

STATIONS KEY MAP

CONTRACT NO. AE5999300
 DRAWING NO. A0-001
 SCALE 1"=3500'
 SHEET NO. 1 OF 101

INDEX OF DRAWINGS

SHT NO	DWG NO	SHEET NAME	STATION NAME
1	A0-001	STATIONS KEY MAP	KEY MAP STATIONS
2	A0-002	INDEX OF DRAWINGS & GENERAL NOTES	INDEX SHEET AND GENERAL NOTES
3	A1-001	STATION SITE PLAN 1	7TH ST/METRO CENTER STATION
4	A1-002	STATION SITE PLAN 2	7TH ST/METRO CENTER STATION
5	A1-100	IMMEDIATE SUBSURFACE PLAN	7TH ST/METRO CENTER STATION
6	A1-101	ANCILLARY LEVEL PLAN	7TH ST/METRO CENTER STATION
7	A1-102	CONCOURSE LEVEL PLAN	7TH ST/METRO CENTER STATION
8	A1-103	PLATFORM LEVEL PLAN	7TH ST/METRO CENTER STATION
9	A1-104	PASSENGER TUNNEL PLAN	7TH ST/METRO CENTER STATION
10	A1-200	LONGITUDINAL SECTION	7TH ST/METRO CENTER STATION
11	A1-201	TRANSVERSE SECTION	7TH ST/METRO CENTER STATION
12	A1-202	TRANSVERSE SECTIONS	7TH ST/METRO CENTER STATION
13	A1-203	PASSENGER TUNNEL SECTION	7TH ST/METRO CENTER STATION
14	A1-204	PASSENGER TUNNEL SECTIONS	7TH ST/METRO CENTER STATION
15	A2-001	STATION SITE PLAN	SOUTH PARK/FASHION DISTRICT (ALT 2)
16	A2-100	IMMEDIATE SUBSURFACE PLAN	SOUTH PARK/FASHION DISTRICT (ALT 2)
17	A2-101	CONCOURSE LEVEL PLAN	SOUTH PARK/FASHION DISTRICT (ALT 2)
18	A2-102	PLATFORM LEVEL PLAN	SOUTH PARK/FASHION DISTRICT (ALT 2)
19	A2-200	LONGITUDINAL SECTION	SOUTH PARK/FASHION DISTRICT (ALT 2)
20	A2-201	TRANSVERSE SECTIONS	SOUTH PARK/FASHION DISTRICT (ALT 2)
21	A2-202	TRANSVERSE SECTION	SOUTH PARK/FASHION DISTRICT (ALT 2)
22	A2-203	TRANSVERSE SECTION	SOUTH PARK/FASHION DISTRICT (ALT 2)
23	A3-001	STATION SITE PLAN	ARTS/INDUSTRIAL DISTRICT STATION (ALT 2)
24	A3-101	ANCILLARY LEVEL PLAN	ARTS/INDUSTRIAL DISTRICT STATION (ALT 2)
25	A3-102	CONCOURSE LEVEL PLAN	ARTS/INDUSTRIAL DISTRICT STATION (ALT 2)
26	A3-103	PLATFORM LEVEL PLAN	ARTS/INDUSTRIAL DISTRICT STATION (ALT 2)
27	A3-200	LONGITUDINAL SECTION	ARTS/INDUSTRIAL DISTRICT STATION (ALT 2)
28	A3-201	TRANSVERSE SECTIONS	ARTS/INDUSTRIAL DISTRICT STATION (ALT 2)
29	A3-202	TRANSVERSE SECTION	ARTS/INDUSTRIAL DISTRICT STATION (ALT 2)
30	A4-001	STATION SITE PLAN	UNION STATION MWD (ALT 1B)
31	A4-100	IMMEDIATE SUBSURFACE PLAN	UNION STATION MWD (ALT 1B)
32	A4-101	ANCILLARY LEVEL PLAN	UNION STATION MWD (ALT 1B)
33	A4-102	CONCOURSE LEVEL PLAN	UNION STATION MWD (ALT 1B)
34	A4-103	PLATFORM LEVEL PLAN	UNION STATION MWD (ALT 1B)
35	A4-200	LONGITUDINAL SECTION	UNION STATION MWD (ALT 1B)
36	A4-201	LONGITUDINAL SECTIONS	UNION STATION MWD (ALT 1B)
37	A4-202	TRANSVERSE SECTION	UNION STATION MWD (ALT 1B)
38	A4-203	TRANSVERSE SECTIONS	UNION STATION MWD (ALT 1B)
39	A5-001	STATION SITE PLAN	UNION STATION FORECOURT (ALT 1A)
40	A5-100	IMMEDIATE SUBSURFACE PLAN	UNION STATION FORECOURT (ALT 1A)
41	A5-101	ANCILLARY LEVEL PLAN	UNION STATION FORECOURT (ALT 1A)
42	A5-102	CONCOURSE LEVEL PLAN	UNION STATION FORECOURT (ALT 1A)
43	A5-103	PLATFORM LEVEL PLAN	UNION STATION FORECOURT (ALT 1A)
44	A5-104	PASSENGER TUNNEL PLANS	UNION STATION FORECOURT (ALT 1A)
45	A5-200	LONGITUDINAL SECTION	UNION STATION FORECOURT (ALT 1A)
46	A5-201	TRANSVERSE SECTION	UNION STATION FORECOURT (ALT 1A)
47	A5-202	TRANSVERSE SECTIONS	UNION STATION FORECOURT (ALT 1A)
48	A5-203	PASSENGER TUNNEL SECTIONS	UNION STATION FORECOURT (ALT 1A)
49	A6-001	STATION SITE PLAN	LITTLE TOKYO STATION
50	A6-100	IMMEDIATE SUBSURFACE PLAN	LITTLE TOKYO STATION
51	A6-101	ANCILLARY LEVEL PLAN	LITTLE TOKYO STATION
52	A6-102	CONCOURSE LEVEL PLAN	LITTLE TOKYO STATION
53	A6-103	PLATFORM LEVEL PLAN	LITTLE TOKYO STATION
54	A6-200	LONGITUDINAL SECTION	LITTLE TOKYO STATION
55	A6-201	TRANSVERSE SECTIONS	LITTLE TOKYO STATION
56	A6-202	TRANSVERSE SECTION	LITTLE TOKYO STATION
57	A6-203	LONGITUDINAL SECTION	LITTLE TOKYO STATION
58	A6-204	TRANSVERSE SECTIONS	LITTLE TOKYO STATION

SHT NO	DWG NO	SHEET NAME	STATION NAME
59	A7-001	STATION SITE PLAN	ARTS/INDUSTRIAL DISTRICT STATION (ALT 1)
60	A7-100	IMMEDIATE SUBSURFACE PLAN	ARTS/INDUSTRIAL DISTRICT STATION (ALT 1)
61	A7-101	ANCILLARY LEVEL PLAN	ARTS/INDUSTRIAL DISTRICT STATION (ALT 1)
62	A7-102	CONCOURSE LEVEL PLAN	ARTS/INDUSTRIAL DISTRICT STATION (ALT 1)
63	A7-103	PLATFORM LEVEL PLAN	ARTS/INDUSTRIAL DISTRICT STATION (ALT 1)
64	A7-200	LONGITUDINAL SECTION	ARTS/INDUSTRIAL DISTRICT STATION (ALT 1)
65	A7-201	TRANSVERSE SECTIONS	ARTS/INDUSTRIAL DISTRICT STATION (ALT 1)
66	A7-202	LONGITUDINAL SECTION	ARTS/INDUSTRIAL DISTRICT STATION (ALT 1)
67	A8-001	SITE PLAN	SLAUSON/A LINE STATION
68	A8-101	BRIDGE PLAN	SLAUSON/A LINE STATION
69	A8-102	PLATFORM PLAN	SLAUSON/A LINE STATION
70	A8-103	STREET PLAN	SLAUSON/A LINE STATION
71	A8-201	LONGITUDINAL SECTION	SLAUSON/A LINE STATION
72	A8-202	SECTION GRID 5-6 AND 10-11	SLAUSON/A LINE STATION
73	A8-203	SECTIONS	SLAUSON/A LINE STATION
74	A9-001	STATION SITE PLAN	PACIFIC/RANDOLPH STATION
75	A9-100	PLATFORM PLAN	PACIFIC/RANDOLPH STATION
76	A9-200	SECTIONS	PACIFIC/RANDOLPH STATION
77	A10-001	STATION SITE PLAN	FLORENCE/SALT LAKE STATION
78	A10-100	PLATFORM PLAN	FLORENCE/SALT LAKE STATION
79	A10-200	SECTIONS	FLORENCE/SALT LAKE STATION
80	A11-001	STATION SITE PLAN	FIRESTONE STATION
81	A11-100	PLANS	FIRESTONE STATION
82	A11-200	SECTIONS	FIRESTONE STATION
83	A12-001	STATION SITE PLAN	GARDENDALE STATION
84	A12-100	PLATFORM PLAN	GARDENDALE STATION
85	A12-200	SECTIONS	GARDENDALE STATION
86	A13-001	STATION SITE PLAN	I-105/C LINE STATION
87	A13-100	PLATFORM PLAN	I-105/C LINE STATION
88	A13-101	SECTIONS	I-105/C LINE STATION
89	A13-200	STATION BRIDGE & MEZZANINE LEVEL PLANS	I-105/C LINE STATION
90	A13-201	PLATFORM PLAN	I-105/C LINE STATION
91	A13-202	SECTIONS	I-105/C LINE STATION
92	A14-001	STATION SITE PLAN	PARAMOUNT/ROSECRANS STATION
93	A14-100	PLANS	PARAMOUNT/ROSECRANS STATION
94	A14-201	SECTIONS	PARAMOUNT/ROSECRANS STATION
95	A15-001	STATION SITE PLAN	BELLFLOWER STATION
96	A15-100	PLATFORM PLAN	BELLFLOWER STATION
97	A15-200	SECTIONS	BELLFLOWER STATION
98	A16-001	STATION SITE PLAN	PIONEER STATION
99	A16-100	PLATFORM PLAN	PIONEER STATION
100	A16-200	SECTIONS	PIONEER STATION

GENERAL NOTES



- DESIGN IS CONCEPTUAL IN NATURE, FOR ESTABLISHING ENVIRONMENTAL FOOTPRINT. FURTHER COORDINATION REQUIRED WITH PROJECTS INCLUDING: RAIL TO RAIL/RIVER CORRIDOR SEGMENT A AND B, LINK UNION STATION (LINK US) (FORMERLY SCRIP), CA HIGH SPEED RAIL, I-710 CORRIDOR BIKE PATH PROJECT, HOLLYDALE VILLAGE SPECIFIC PLAN, RANCHO LOS AMIGOS RE-DEVELOPMENT, BELLFLOWER- PARAMOUNT JOINT BIKE AND TRAIL MASTER PLAN.
- 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 TRANSFER POSITIONS ARE NOT SHOW IN PARKING LOTS.
- PLACEMENT OF COLUMNS AND OUTRIGGERS IS PRELIMINARY. ACTUAL LAYOUT TO BE DETERMINED IN FUTURE DESIGN. COLUMNS MAY ENCR OACH INTO PRIVATE PROPERTIES. WHERE RIGHT OF WAY IS AVAILABLE, COLUMN IS PLACED ON SIDEWALK OR WITHIN ROADWAY SECTION. STRADDLE BENTS ARE USED WHERE STREET GEOMETRY IS LIMITED AND/OR TRAFFIC IS IMPACTED.
- BIKE LOCKERS AND RACKS TO BE ADDED IN FUTURE DESIGN PACKAGE.
- GRADE CROSSING DETAILS PROVIDED ON A SEPARATE SUBMITTAL.
- SEE FINAL REVISED ADVANCED CONCEPTUAL ENGINEERING ALIGNMENT DRAWINGS, DATED FEBRUARY 28, 2020 FOR ALIGNMENT DETAILS.

NOTES FOR UNDERGROUND STATIONS

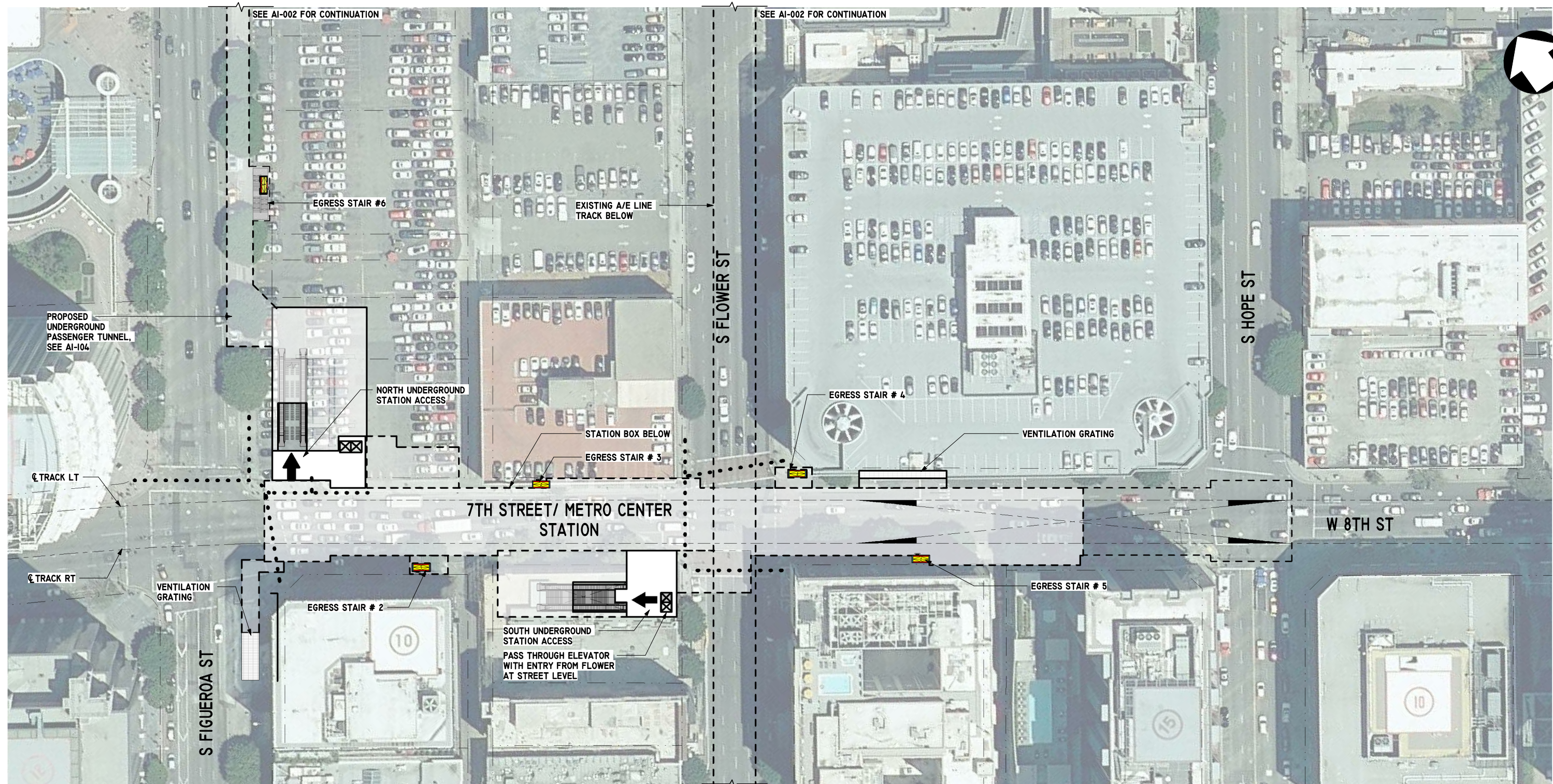
- NFPA 130: THESE CONCEPTUAL DESIGNS ARE BELIEVED TO CONFORM TO REQUIREMENTS OF NFPA 130 FOR SAFE STATION EVACUATION. FULL NFPA 130 ANALYSIS OF THE STATIONS WILL BE PERFORMED.
- FIRST MILE/LAST MILE COORDINATION WILL BE PERFORMED AT A LATER DATE.
- WALL DIMENSIONS: STRUCTURAL WALL THICKNESSES ARE CONCEPTUAL. ARCHITECTURAL WALL THICKNESSES VARY AT SITE SPECIFIC CONDITIONS.
- SUPPORT OF EXCAVATION (SOE) WALLS: A 3'-0" THICKNESS IS ASSUMED FOR ALL SOE WALLS.
- PROPERTY LINES: PROPOSED OPEN CUT STATION CONSTRUCTION IS PROPOSED TO BE CLEAR OF ALL EXISTING PROPERTY LINES ALONG THE PROJECT ALIGNMENT. WHERE THERE IS PROPOSED EXCAVATION AT OR UNDER PROPERTY LINES, SITE SPECIFIC INFORMATION IS PROVIDED.
- PROPERTY LINE SETBACKS: A SETBACK OF 2'-0" FROM THE OUTSIDE OF SOE WALLS IS PROVIDED AT ALL ADJACENT PROPERTY LINES EXCEPT AT SITE SPECIFIC LOCATIONS WHICH WILL BE NOTED ON INDIVIDUAL SITE PLAN NOTES.
- AS-BUILT FOUNDATIONS AND FOOTINGS: MITIGATION OF EXISTING FOUNDATION CONFLICTS WERE BASED ON AS-BUILT INFORMATION AS PROVIDED. OTHERS WERE BASED ON PROPERTY LINE LOCATIONS, AERIAL IMAGERY OBSERVATIONS AND ASSUMPTIONS.
- UTILITY COORDINATION: RELOCATION, REMOVAL, OR REPLACEMENT OF EXISTING UTILITIES IS NOT SHOWN ON ARCHITECTURAL PLANS BUT ARE PROVIDED ON UTILITY PLANS. IN TWO LOCATIONS, LARGE EXISTING STORM WATER LINES TO REMAIN IN PLACE ARE SHOWN DUE TO THE SIGNIFICANT IMPACT THEY HAVE ON STATION DESIGN AND CONSTRUCTION.
- COORDINATION WITH METRO DESIGN REQUIREMENTS FOR SYSTEM: BACK OF HOUSE (BOH) SPACES HAVE BEEN PROVIDED PER MRDC CHAPTER 6, TABLE 6.2. BOH ROOM LAYOUTS AND ADJACENCIES ARE PRELIMINARY AND HAVE NOT BEEN DESIGNED BY RELEVANT ENGINEERING TEAMS. THEY ARE INTENDED TO BE THE BASIS FOR PROOF OF CONCEPTUAL ONLY AND WILL BE REFINED DURING A FUTURE DESIGN PHASE.
- COORDINATION IS NEEDED WITH DEVELOPMENT PROJECTS AT THE FOLLOWING STATIONS: 7TH STREET/METRO CENTER, UNION STATION MWD, LITTLE TOKYO, AND ARTS/INDUSTRIAL DISTRICT. PRELIMINARY ASSUMPTIONS HAVE BEEN MADE THAT REQUIRE FUTURE VERIFICATION.
- PLATFORM LENGTH: ALL UNDERGROUND STATION OPTIONS HAVE 270' LONG PLATFORMS.
- EMERGENCY EGRESS: ALL STATIONS HAVE END OF PLATFORM EGRESS STAIRS, IN ADDITION TO EGRESS VIA ENTRIES.
- STATION EMERGENCY VENTILATION: SEE THE LIFE SAFETY SECTION OF THE PROJECT DESIGN REPORT.
- MRDC'S FOUR-DEVICES PLAN WERE PROVIDED AT ALL UNDERGROUND STATION PORTALS WITH THE EXCEPTION OF ONE STATION. THE NORTHWEST PORTAL OF THE LITTLE TOKYO STATION WAS PROVIDED WITH MRDC'S TWO-DEVICES PLAN DUE TO CONTEXTUAL SITE CONSTRAINTS. BOTH TWO AND FOUR DEVICES PLANS ARE ALLOWED PER MRDC - SEE AD-008 FOR DETAILS.

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 J. HUANG	 LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY	WEST SANTA ANA BRANCH LRT ARCHITECTURAL STATIONS INDEX OF DRAWINGS & GENERAL NOTES		CONTRACT NO CE5999300		
	DRAWN BY M. MIREA		 444 South Flower Street Suite 800 Los Angeles, CA 90071 TEL (213) 362-9470	SUBMITTED _____	DRAWING NO A0-002	REV _____	
	CHECKED BY S. MATHEWS			APPROVED _____	SCALE _____		
	IN CHARGE N. MAACK			DATE 5/27/2020	SHEET NO 2 OF 100		
REV	DATE	BY	APP	REG. NO.	EXPIRES	SEAL HOLDER	DESCRIPTION

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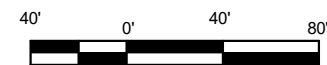
- - - - - ACCESSIBLE PATH OF TRAVEL TO STATION ACCESS
- - - - - PROPERTY LINE

NOTES:

- 1 - STATION PARKING NOT PROVIDED
2. STATION ENTRY ACCESS DESIGN WAS PERFORMED WITHOUT OWNER COORDINATION AND PROPERTY AS-BUILT INFORMATION. DEPICTED STATION ENTRY ACCESS ARE CONCEPTUAL AND WILL REQUIRE FURTHER OWNER AND AS-BUILT COORDINATION IN ORDER TO DETERMINE FEASIBILITY.
3. SIZES AND LOCATIONS FOR SURFACE VENTILATION GRATINGS ARE PRELIMINARY IN NATURE. THEIR SIZES AND LOCATIONS WILL BE DEVELOPED DURING FINAL ENGINEERING PHASE
- 4 - ALL VENTILATION GRATING FLUSHED WITH SIDEWALK.

STREET LEVEL
1" = 40'-0"

1
A1-001



FINAL ADVANCED CONCEPTUAL STATIONS DESIGN

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REV	DATE	BY	APP	REG. NO.	EXPIRES	SEAL HOLDER	DESCRIPTION

DESIGNED BY J. HUANG
DRAWN BY A. NAPOLES
CHECKED BY S. MATHEWS
IN CHARGE N. MAACK
DATE 5/27/2020

**LOS ANGELES COUNTY
METROPOLITAN TRANSPORTATION AUTHORITY**

444 South Flower Street
Suite 800
Los Angeles, CA 90071
TEL (213) 362-9470

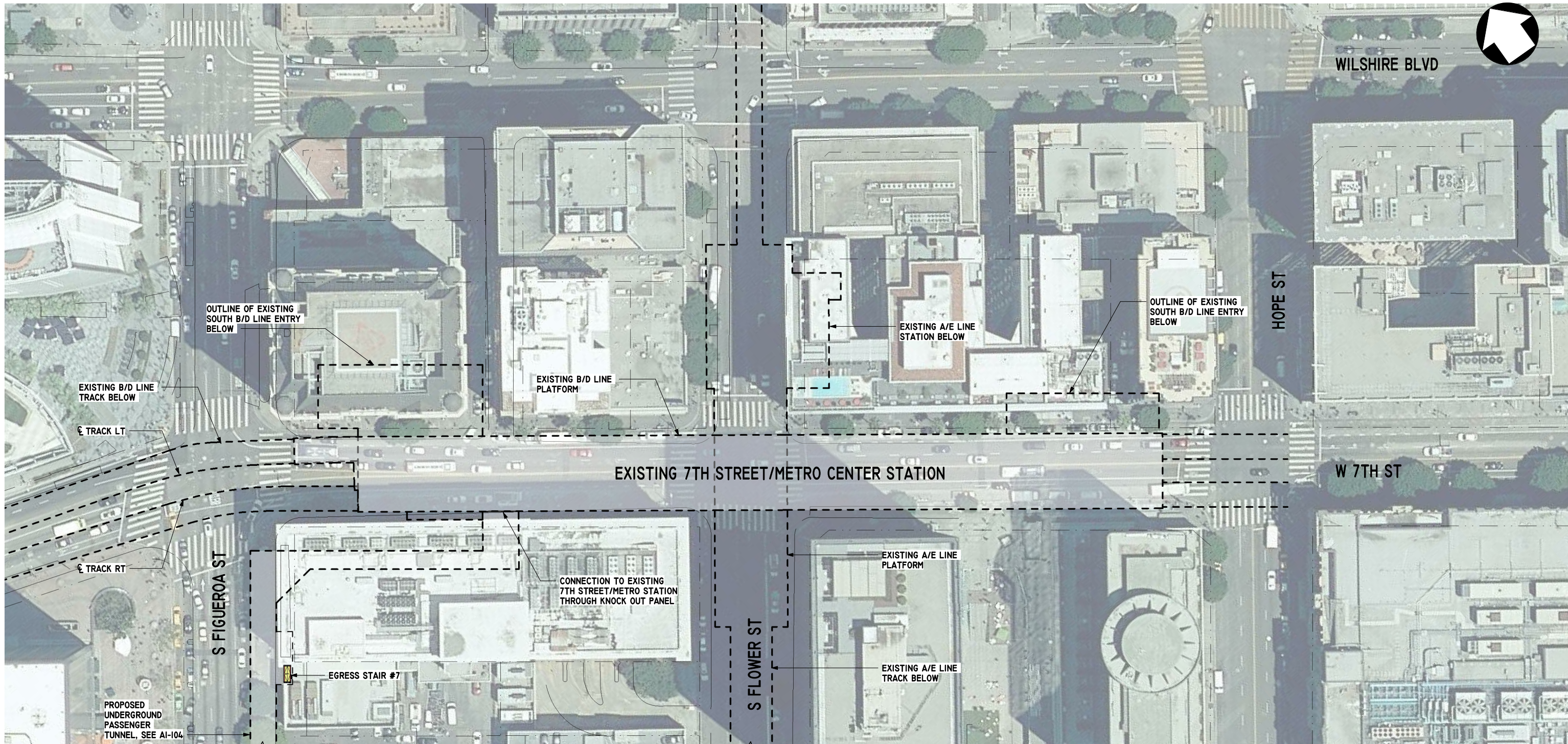
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APPROVED _____

**WEST SANTA ANA BRANCH LRT
ARCHITECTURAL
7TH ST/METRO CENTER STATION
STATION SITE PLAN I
UNDERGROUND STATION**

CONTRACT NO. AE5999300
DRAWING NO. A1-001
SCALE 1" = 40'-0"
SHEET NO. 3 OF 101

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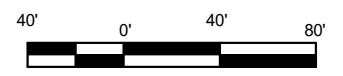
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- ACCESSIBLE PATH OF TRAVEL TO STATION ACCESS
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- 4 - ALL VENTILATION GRATING FLUSHED WITH SIDEWALK.

STREET LEVEL 1
1" = 40'-0"

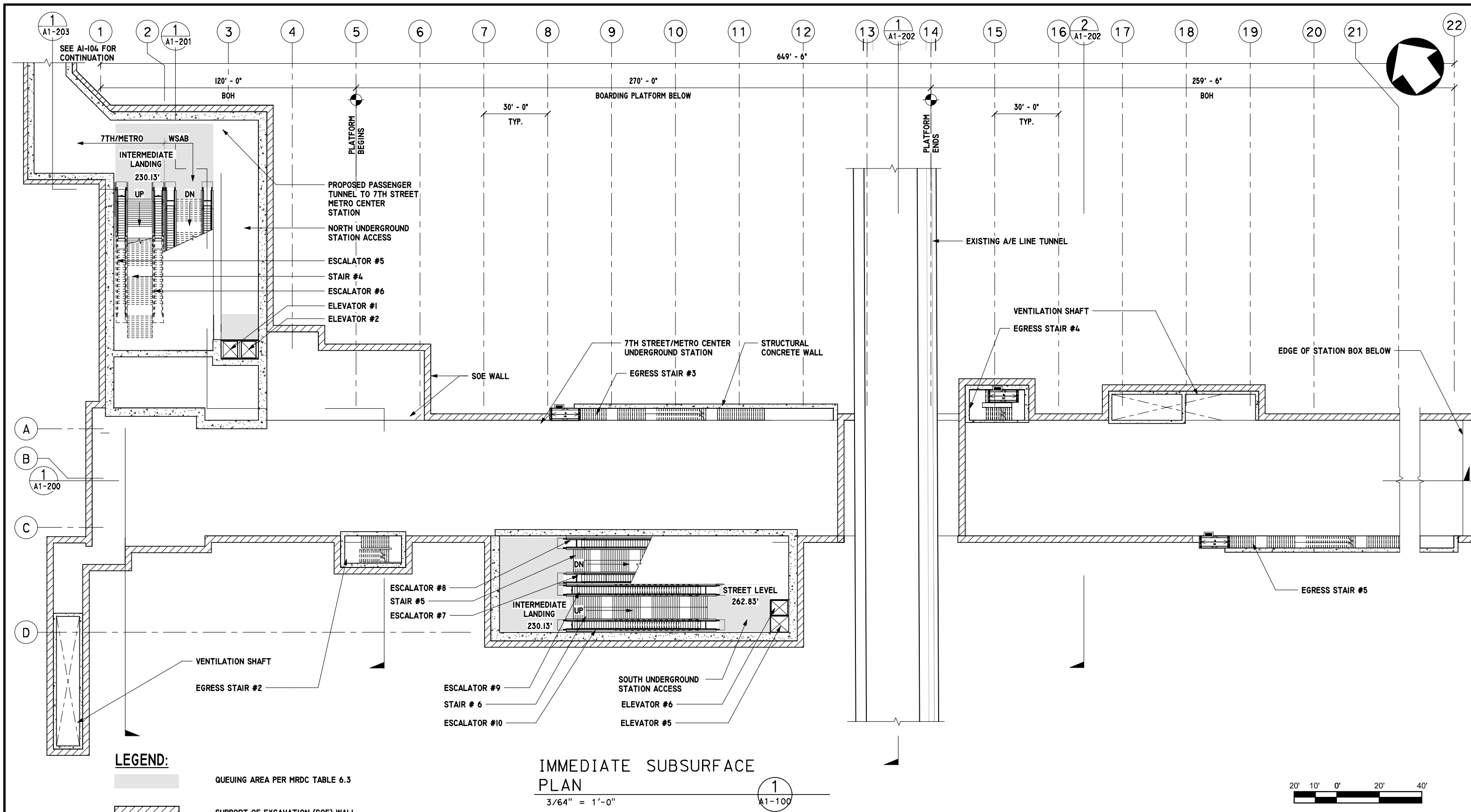


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REV	DATE	BY	APP	REG. NO.	EXPIRES	SEAL HOLDER	DESCRIPTION																

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 LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY

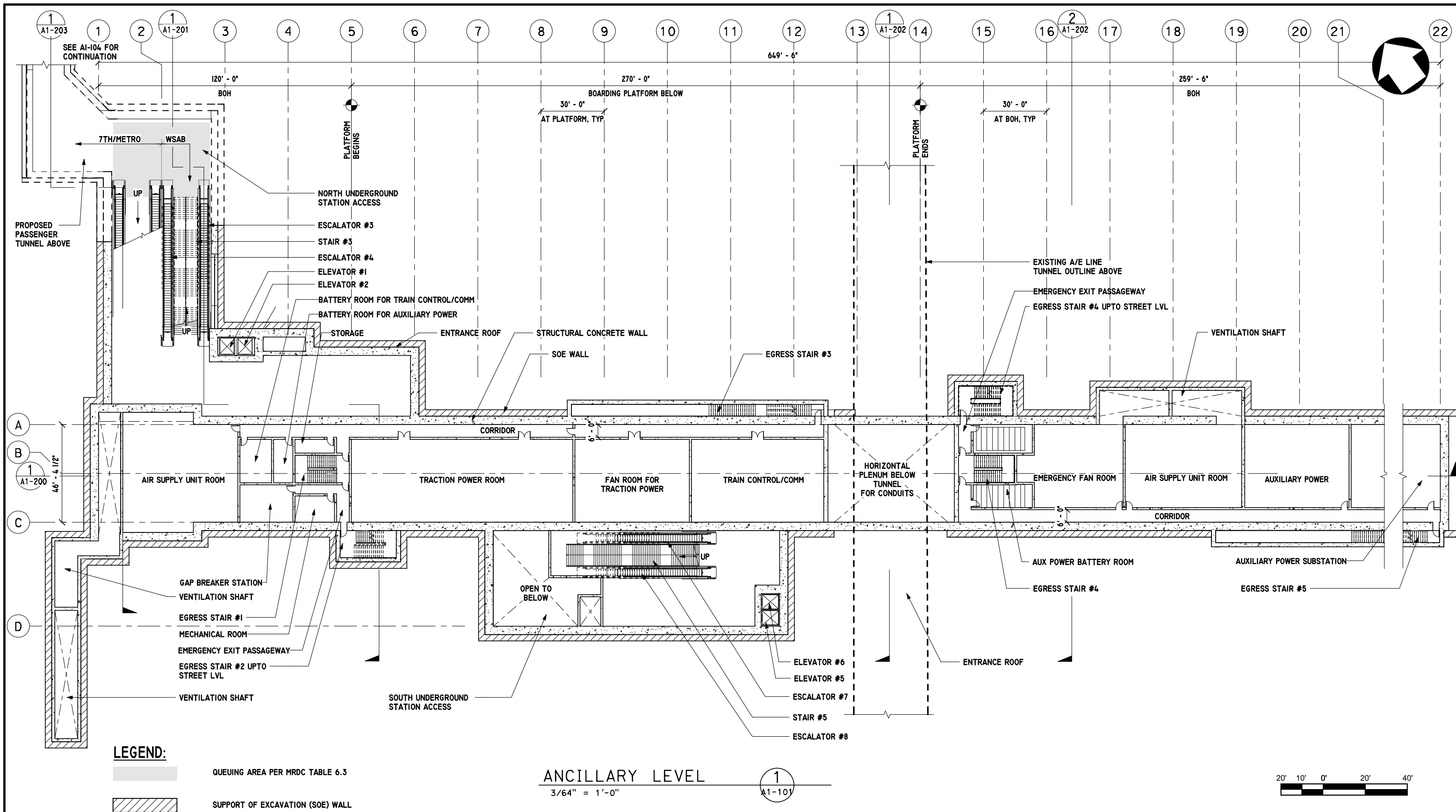
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 APPROVED _____

WEST SANTA ANA BRANCH LRT ARCHITECTURAL
 7TH ST/METRO CENTER STATION IMMEDIATE SUBSURFACE PLAN UNDERGROUND STATION

CONTRACT NO. AE5999300
 DRAWING NO. A1-100
 SCALE 3/64" = 1'-0"
 SHEET NO. 5 OF 101

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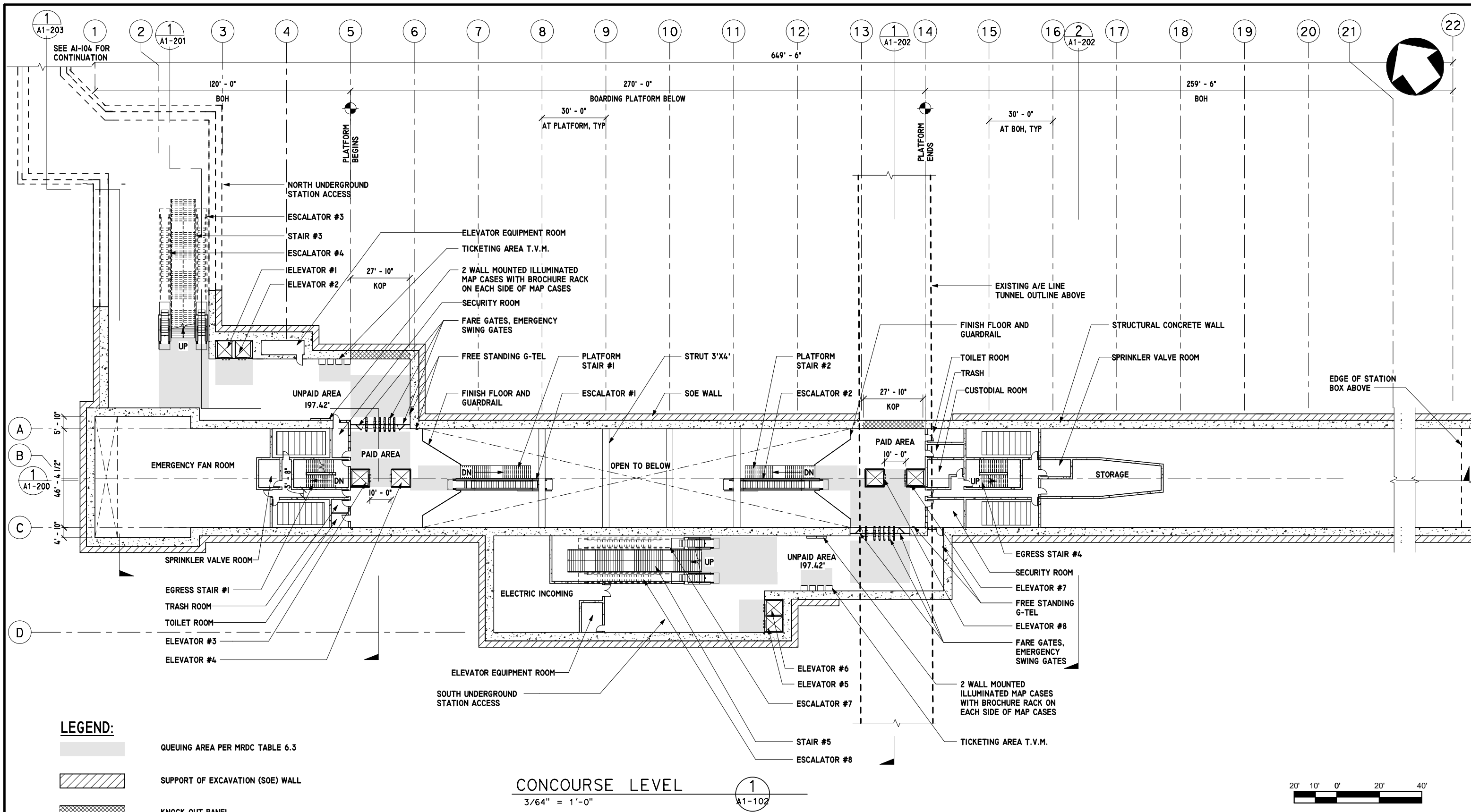
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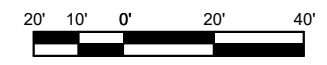
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APPROVED	_____

WEST SANTA ANA BRANCH LRT ARCHITECTURAL	
7TH ST/METRO CENTER STATION ANCILLARY LEVEL PLAN UNDERGROUND STATION	
CONTRACT NO. AE5999300	REV
DRAWING NO. A1-101	
SCALE 3/64" = 1'-0"	
SHEET NO. 6 OF 101	

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



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REV	DATE	BY	APP	REG. NO.	EXPIRES	SEAL HOLDER	DESCRIPTION

DESIGNED BY
J. HUANG
 DRAWN BY
A. NAPOLES
 CHECKED BY
S. MATHEWS
 IN CHARGE
N. MAACK
 DATE
5/27/2020

Metro
 LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY

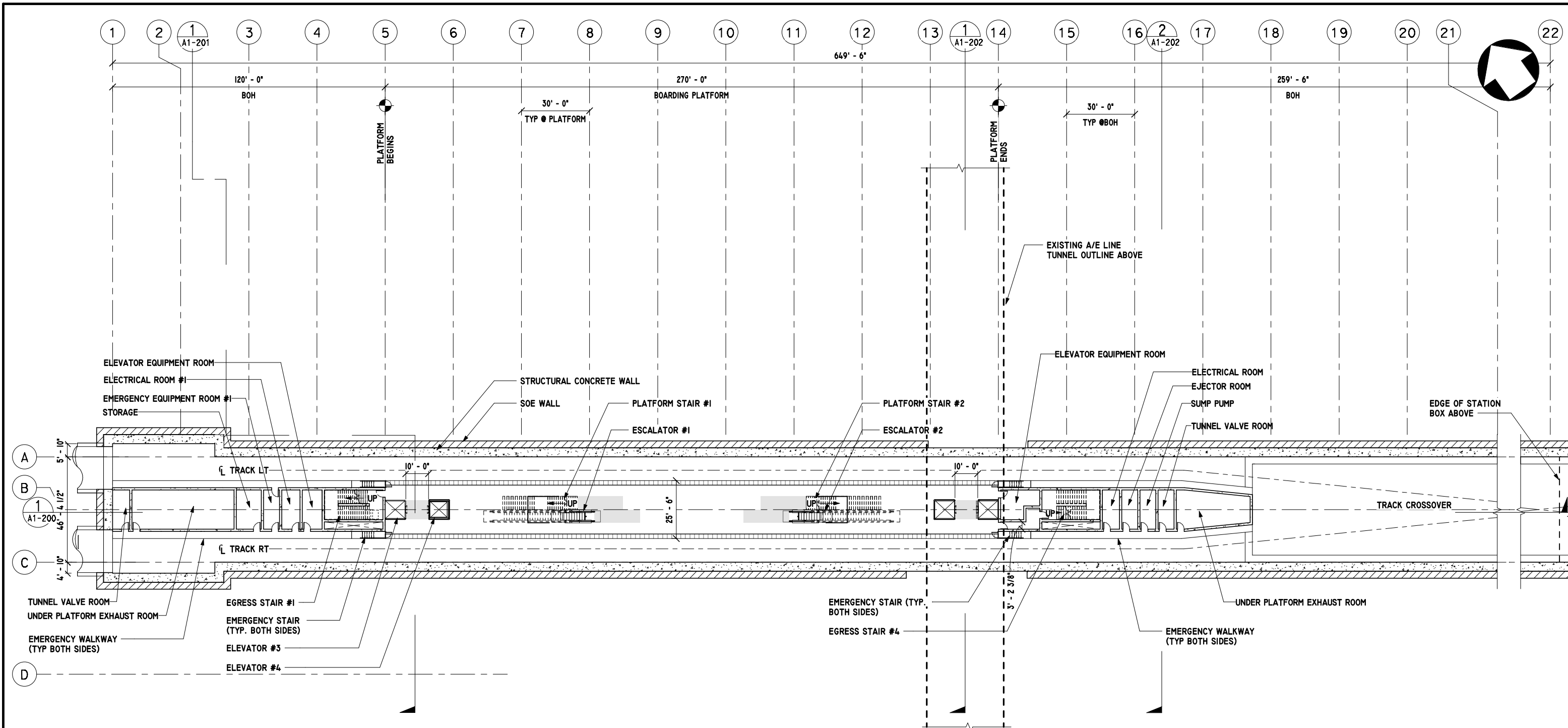
wsp
 444 South Flower Street
 Suite 800
 Los Angeles, CA 90071
 TEL (213) 362-9470

SUBMITTED _____
 APPROVED _____

WEST SANTA ANA BRANCH LRT ARCHITECTURAL
 7TH ST/METRO CENTER STATION
 CONCOURSE LEVEL PLAN
 UNDERGROUND STATION

CONTRACT NO.
AE5999300
 DRAWING NO.
A1-102
 SCALE
3/64" = 1'-0"
 SHEET NO.
7 OF 101

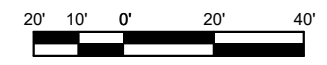
This document is 1:1 when printed on a 22" x 34" sheet, it is 1/2 on 11" x 17" sheet.



LEGEND:

- QUEUING AREA PER MRDC TABLE 6.3
- SUPPORT OF EXCAVATION (SOE) WALL

PLATFORM LEVEL
 3/64" = 1'-0"
 1
 A1-103

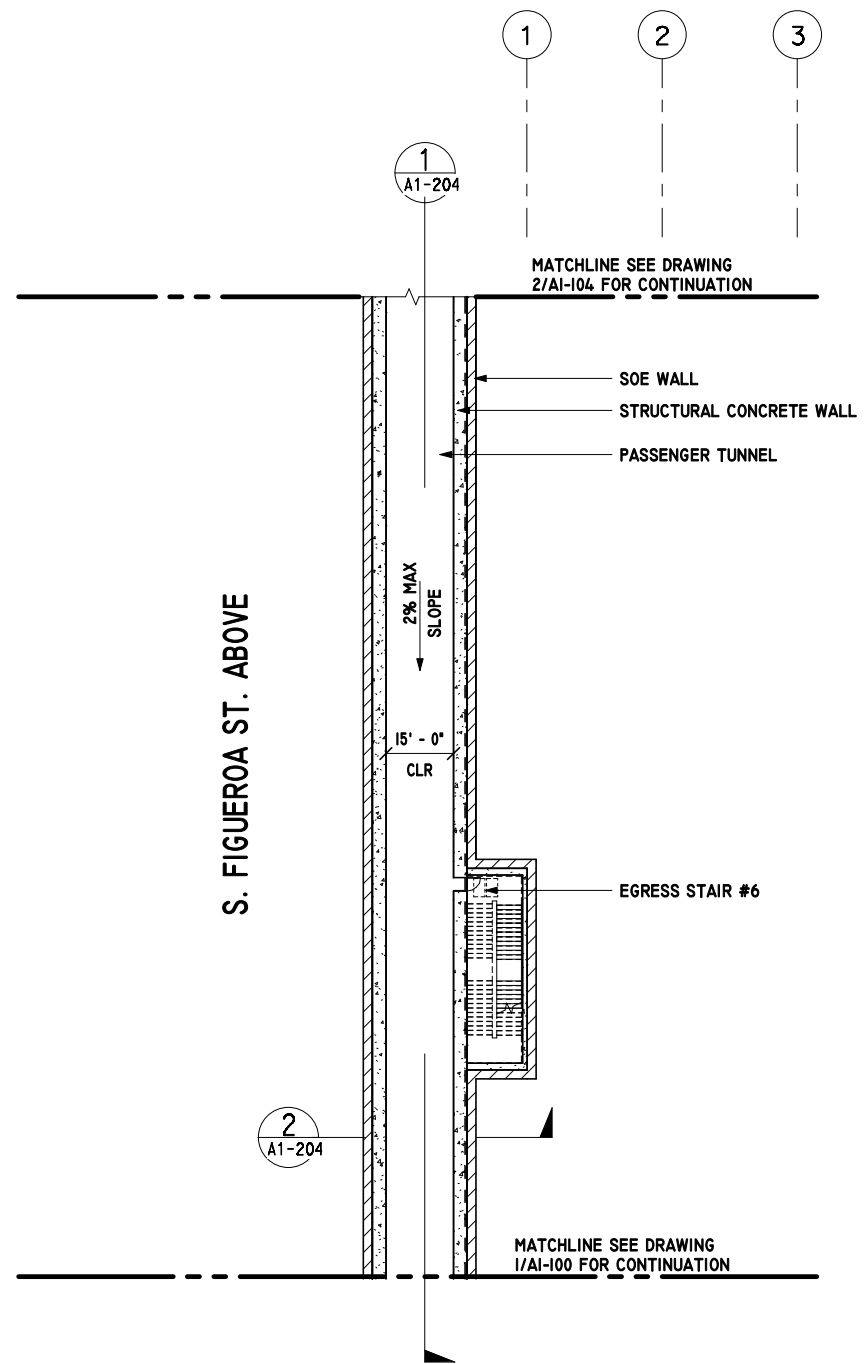
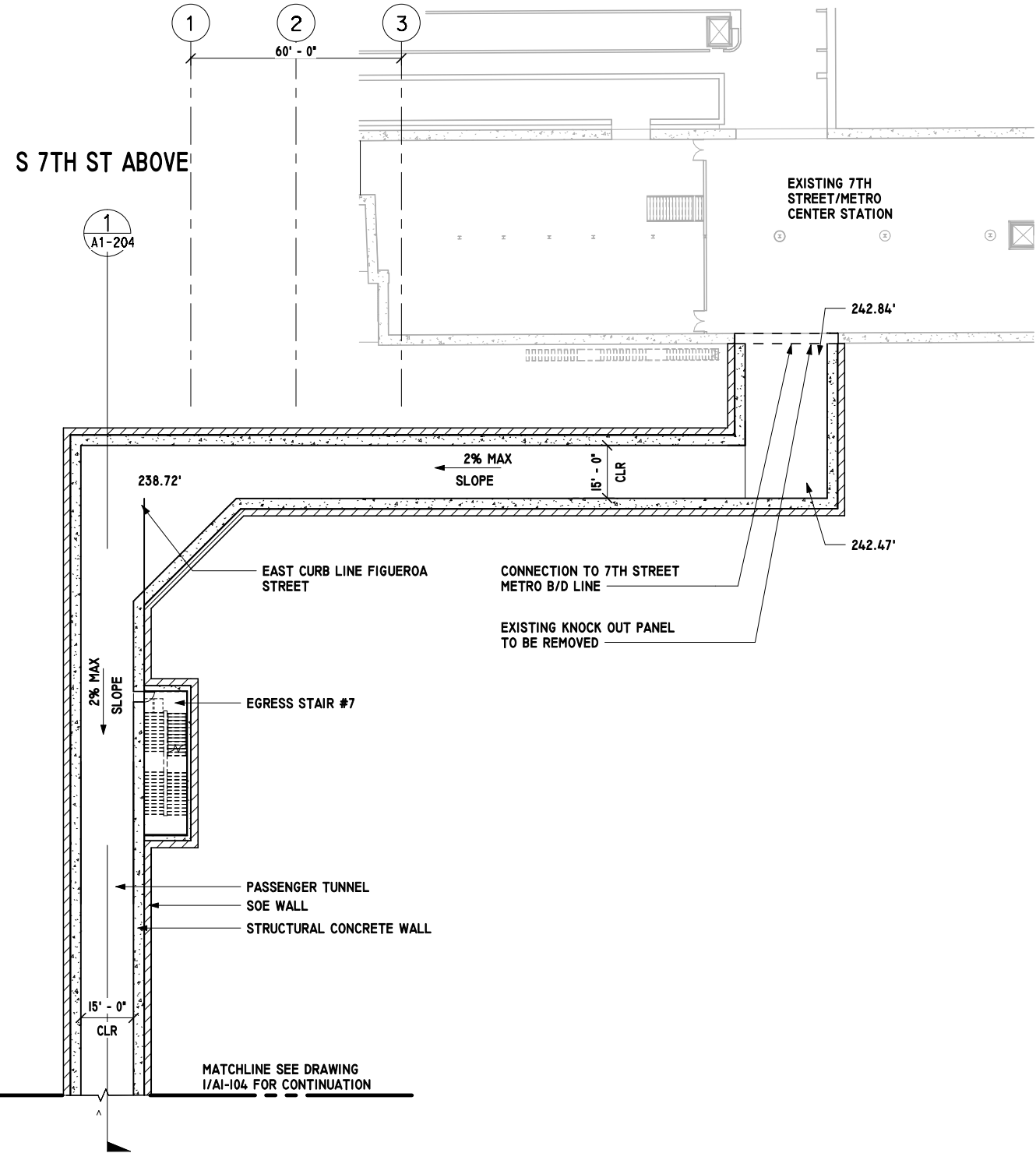
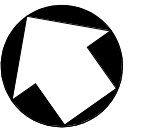


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REV	DATE	BY	APP	REG. NO.	EXPIRES	SEAL HOLDER	DESCRIPTION																

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LEGEND:

- QUEUING AREA PER MRDC TABLE 6.3
- SUPPORT OF EXCAVATION (SOE) WALL
- EXISTING KNOCK OUT PANEL TO BE REMOVED

PASSENGER TUNNEL CONNECTION
 3/64" = 1'-0"
 2
 A1-104

PASSENGER TUNNEL CONNECTION
 3/64" = 1'-0"
 1
 A1-104



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REV	DATE	BY	APP	REG. NO.	EXPIRES	SEAL HOLDER

DESIGNED BY J. HUANG
DRAWN BY A. NAPOLES
CHECKED BY S. MATHEWS
IN CHARGE N. MAACK
DATE 5/27/2020

LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY

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 TEL (213) 362-9470

SUBMITTED _____

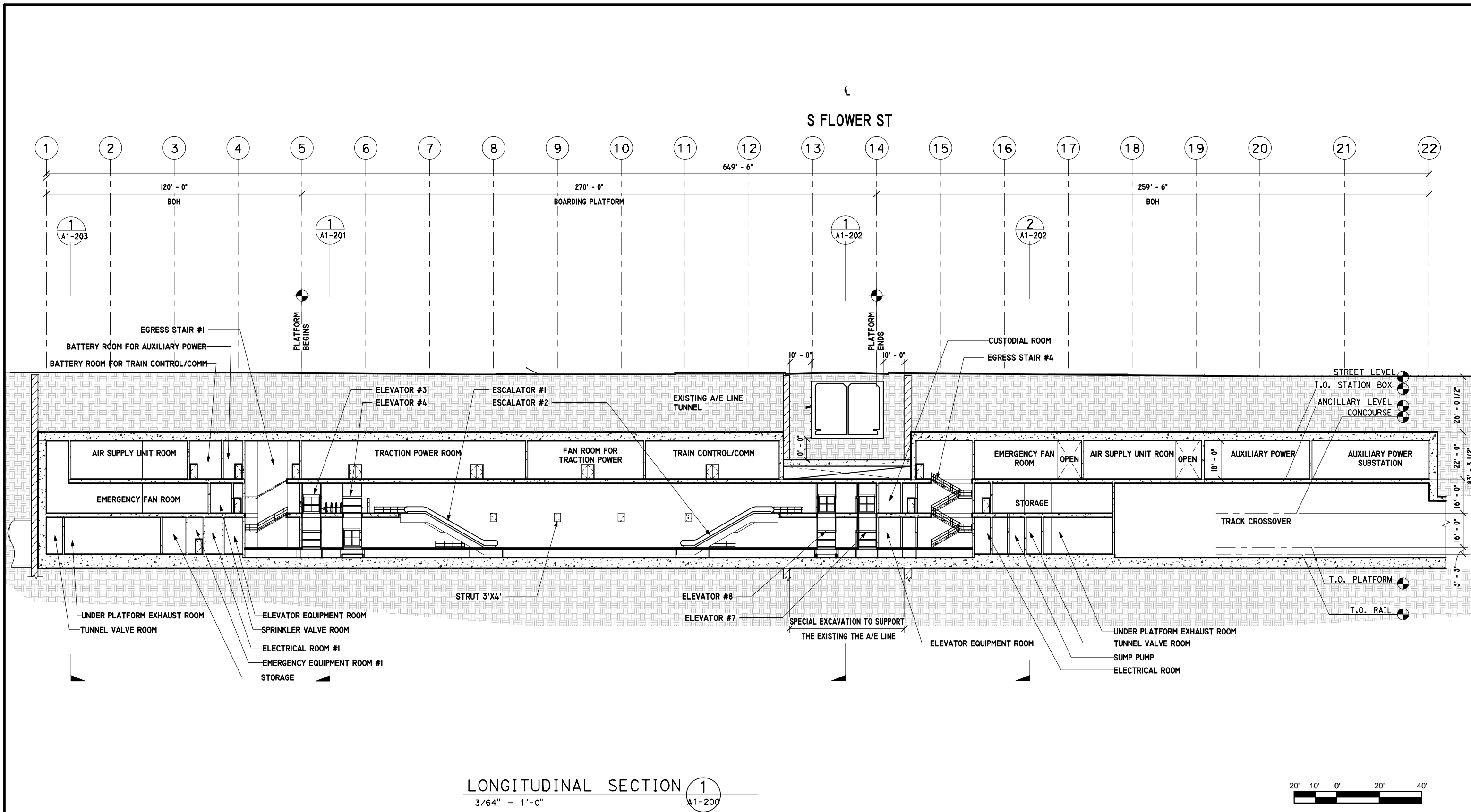
APPROVED _____

WEST SANTA ANA BRANCH LRT ARCHITECTURAL

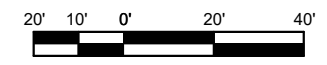
7TH ST/METRO CENTER STATION PASSENGER TUNNEL PLAN UNDERGROUND STATION

CONTRACT NO. AE5999300
DRAWING NO. A1-104
SCALE 3/64" = 1'-0"
SHEET NO. 9 OF 101

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LONGITUDINAL SECTION 1
 3/64" = 1'-0" A1-200

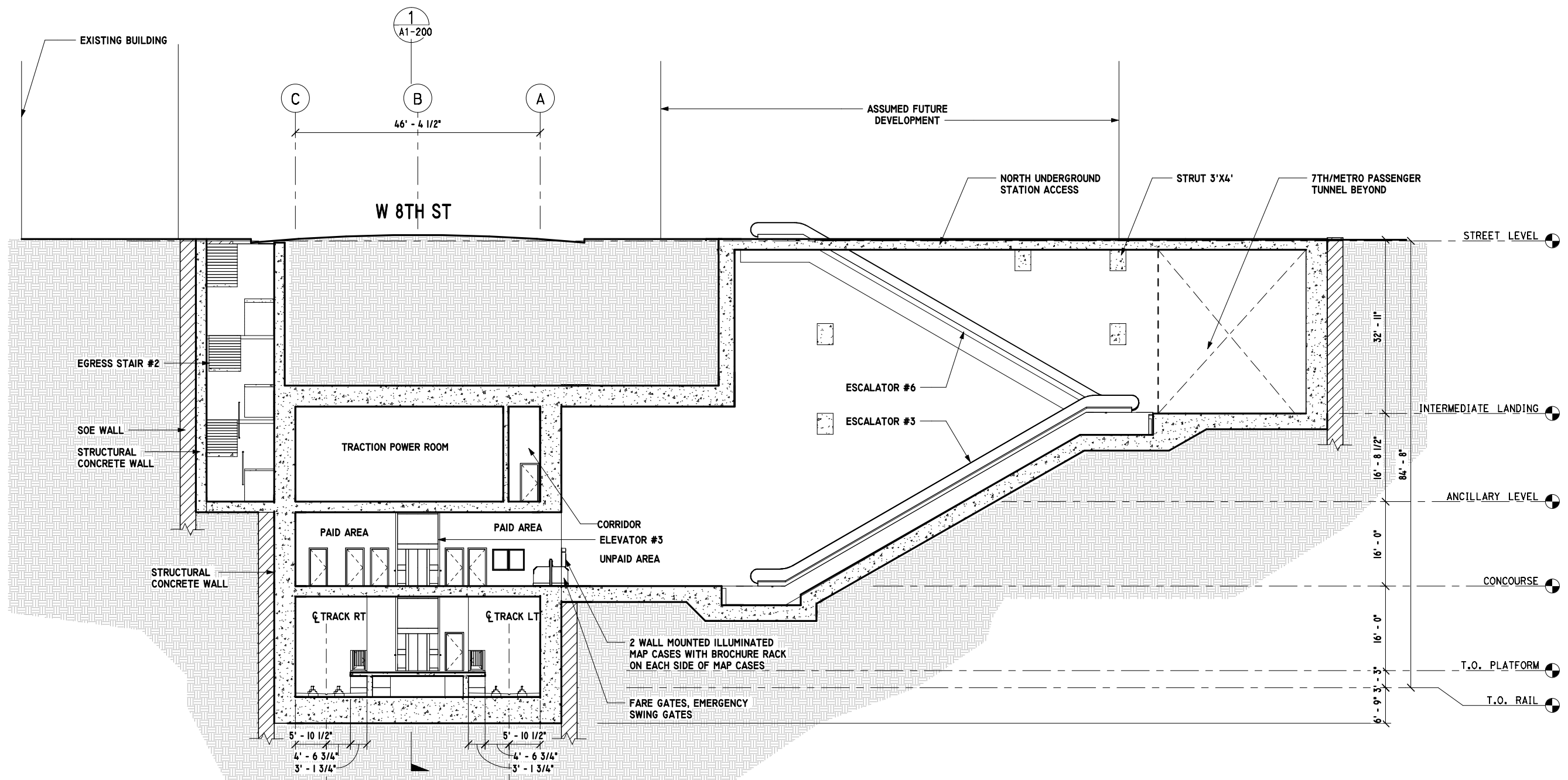


FINAL ADVANCED CONCEPTUAL STATIONS DESIGN

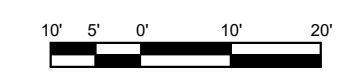
NOT FOR CONSTRUCTION

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	DRAWN BY A. NAPOLES			DRAWING NO. A1-200	REV				
REV	DATE	BY	APP	REG. NO.	EXPIRES	SEAL HOLDER	DESCRIPTION	CHECKED BY S. MATHEWS IN CHARGE N. MAACK DATE 5/27/2020	SCALE 3/64" = 1'-0" SHEET NO. 10 OF 101

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TRANSVERSE SECTION 1
 3/32" = 1'-0" A1-201



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REV	DATE	BY	APP	REG. NO.	EXPIRES	SEAL HOLDER

DESIGNED BY J. HUANG
DRAWN BY A. NAPOLES
CHECKED BY S. MATHEWS
IN CHARGE N. MAACK
DATE 5/27/2020

Metro
 LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY

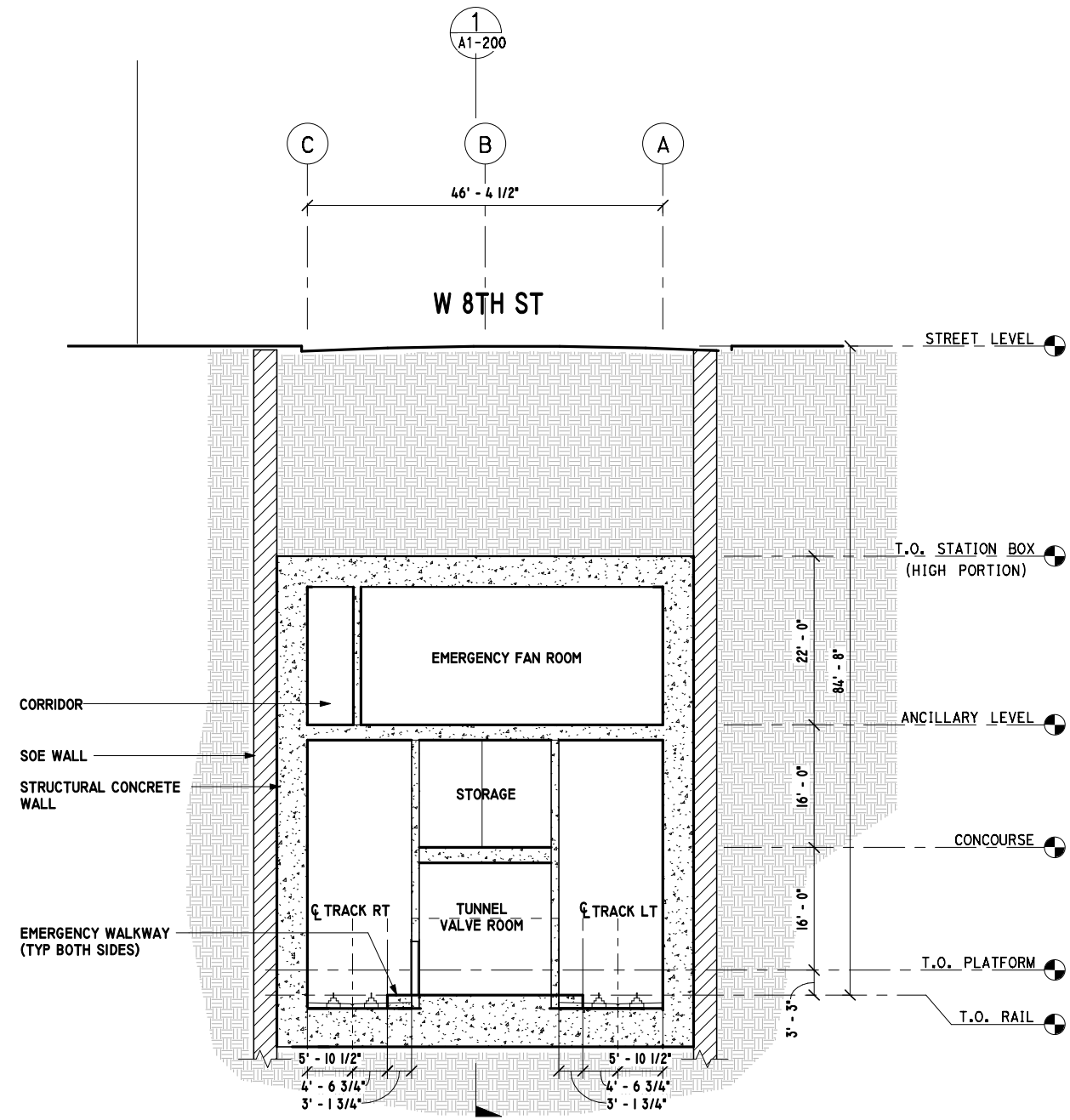
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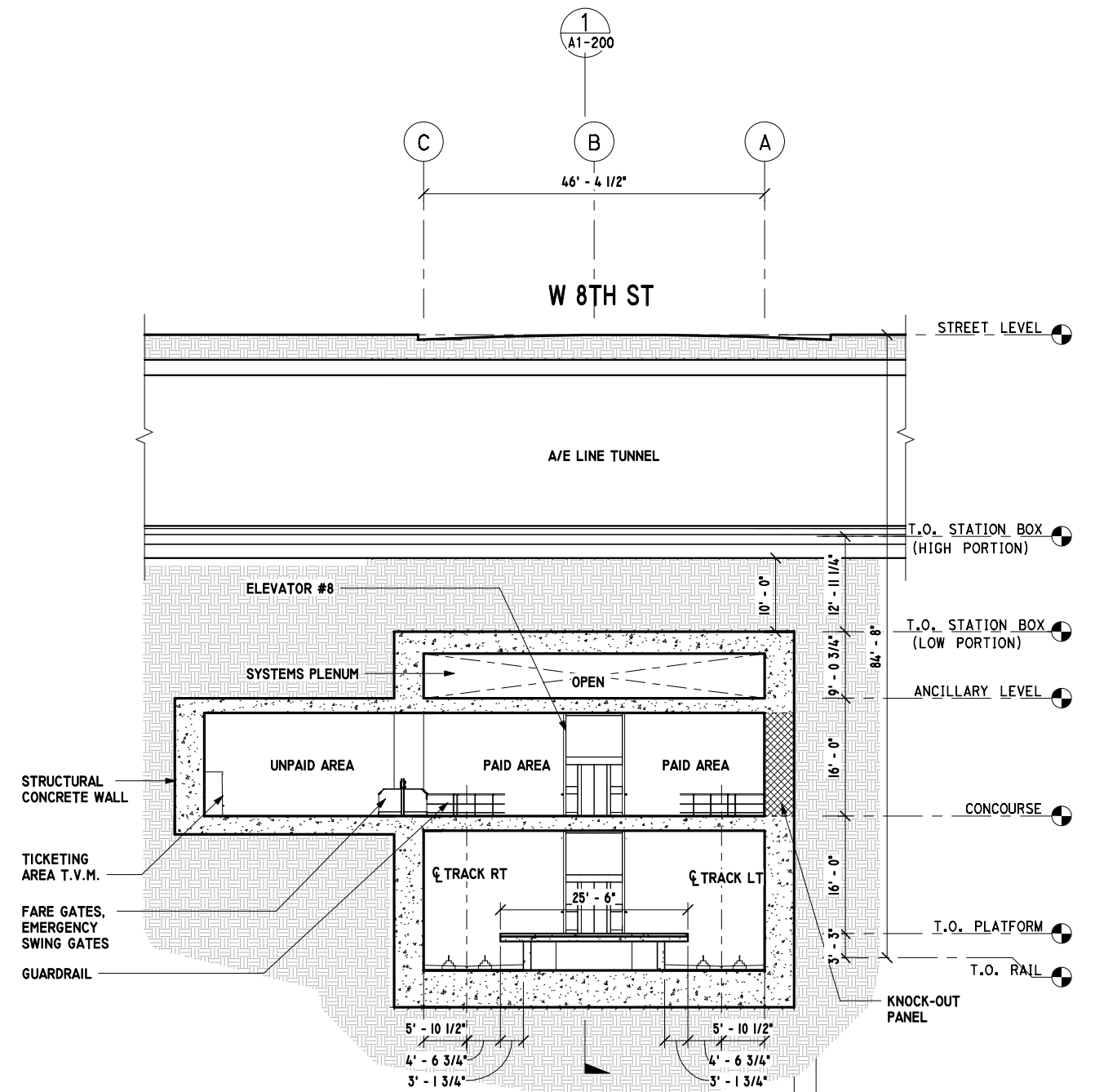
WEST SANTA ANA BRANCH LRT ARCHITECTURAL
7TH ST/METRO CENTER STATION TRANSVERSE SECTION UNDERGROUND STATION

CONTRACT NO. AE5999300
DRAWING NO. A1-201
SCALE 3/32" = 1'-0"
SHEET NO. 11 OF 101

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TRANSVERSE SECTION 2
 3/32" = 1'-0"
 A1-202



TRANSVERSE SECTION 1
 3/32" = 1'-0"
 A1-202

FINAL ADVANCED CONCEPTUAL STATIONS DESIGN

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DESIGNED BY	J. HUANG	DATE	5/27/2020	REG. NO.		EXPIRES	
DRAWN BY	A. NAPOLES	BY		APP		SEAL HOLDER	
CHECKED BY	S. MATHEWS	DESCRIPTION					
IN CHARGE	N. MAACK						

DESIGNED BY	J. HUANG
DRAWN BY	A. NAPOLES
CHECKED BY	S. MATHEWS
IN CHARGE	N. MAACK
DATE	5/27/2020

M Metro
 LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY

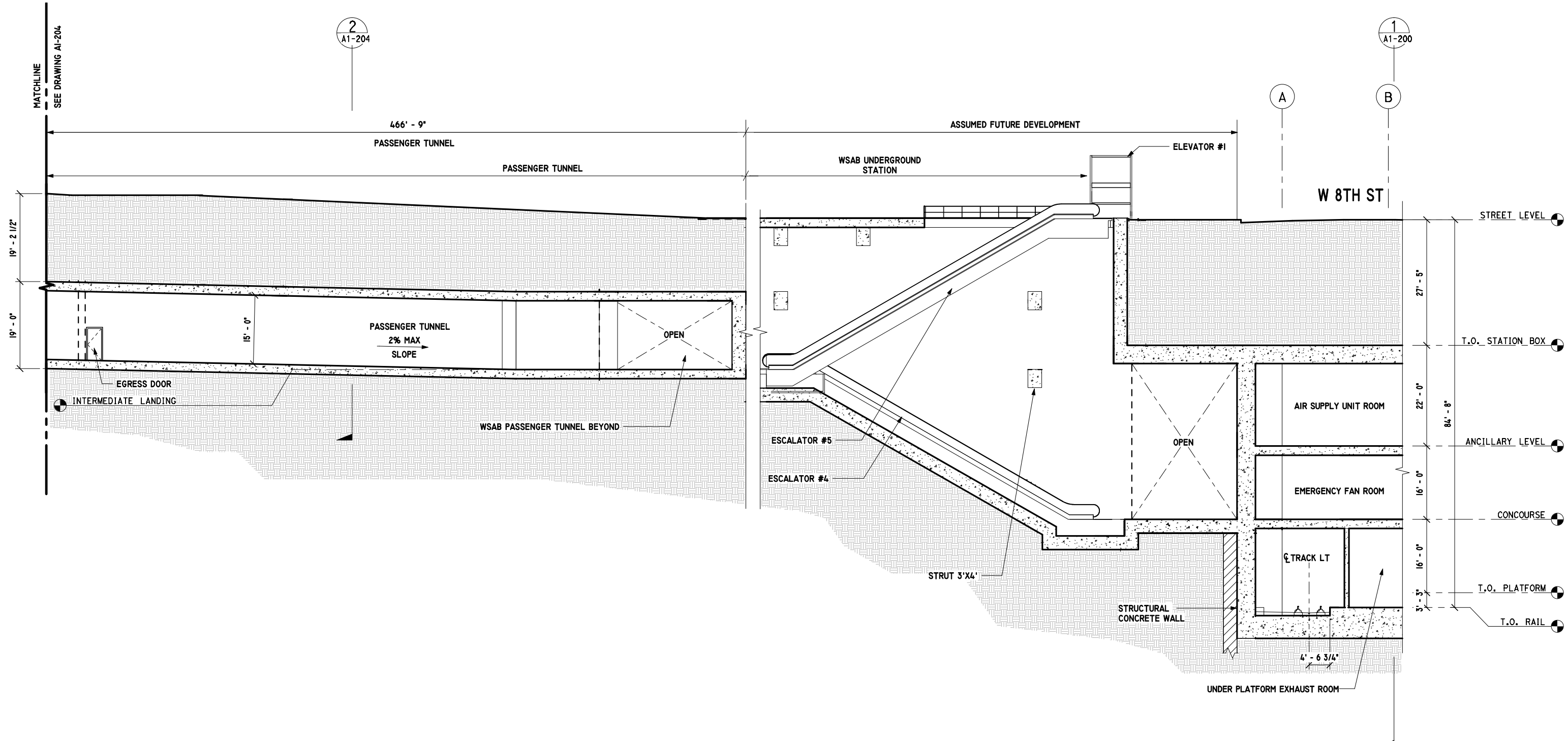
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 TEL (213) 362-9470

SUBMITTED _____
 APPROVED _____

WEST SANTA ANA BRANCH LRT
 ARCHITECTURAL
 7TH ST/METRO CENTER STATION
 TRANSVERSE SECTIONS
 UNDERGROUND STATION

CONTRACT NO.	AE5999300
DRAWING NO.	A1-202
SCALE	3/32" = 1'-0"
SHEET NO.	12 OF 101

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TRANSVERSE SECTION 1
 3/32" = 1'-0"

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REV	DATE	BY	APP	REG. NO.	EXPIRES	SEAL HOLDER	DESCRIPTION

DESIGNED BY J. HUANG
DRAWN BY A. NAPOLES
CHECKED BY S. MATHEWS
IN CHARGE N. MAACK
DATE 5/27/2020

M Metro
 LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY

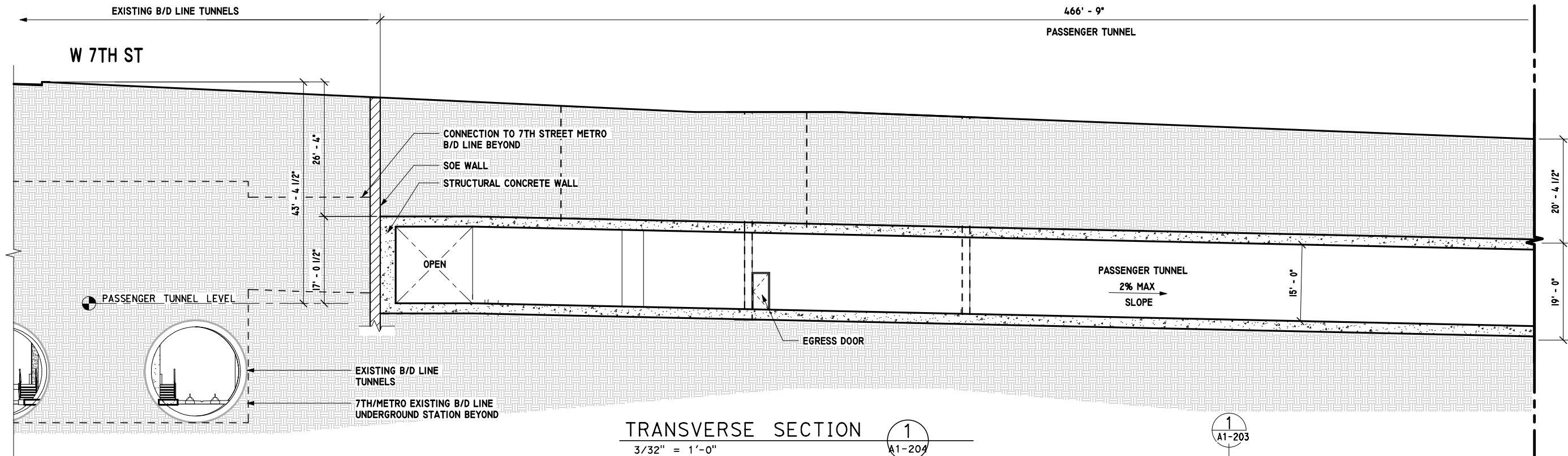
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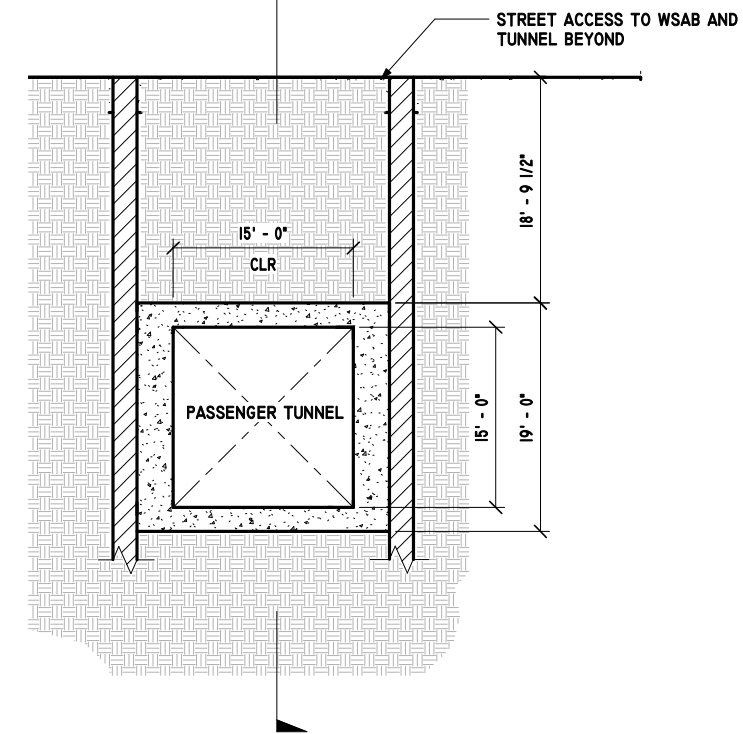
WEST SANTA ANA BRANCH LRT ARCHITECTURAL
 7TH ST/METRO CENTER STATION
 PASSENGER TUNNEL SECTION
 UNDERGROUND STATION

CONTRACT NO. AE5999300
DRAWING NO. A1-203
SCALE 3/32" = 1'-0"
SHEET NO. 13 OF 101

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



TRANSVERSE SECTION 1
3/32" = 1'-0"



CROSS SECTION AT TUNNEL 2
1/8" = 1'-0"

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REV	DATE	BY	APP	REG. NO.	EXPIRES	SEAL HOLDER

DESIGNED BY J. HUANG
DRAWN BY A. NAPOLES
CHECKED BY S. MATHEWS
IN CHARGE N. MAACK
DATE 5/27/2020

LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY

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Suite 800
Los Angeles, CA 90071
TEL (213) 362-9470

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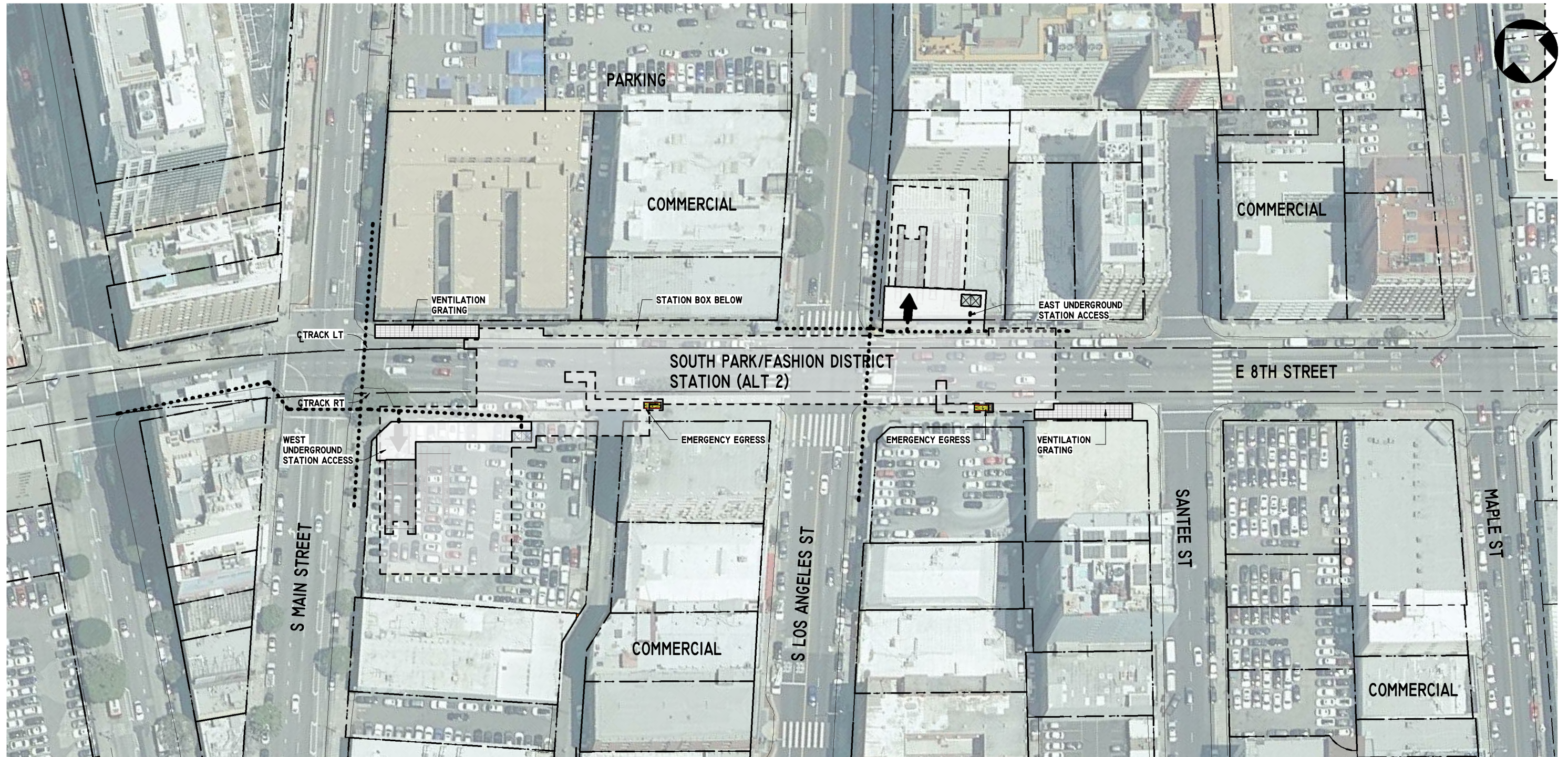
APPROVED _____

WEST SANTA ANA BRANCH LRT ARCHITECTURAL

7TH ST/METRO CENTER STATION PASSENGER TUNNEL SECTIONS UNDERGROUND STATION

CONTRACT NO. AE5999300
DRAWING NO. A1-204
SCALE AS INDICATED
SHEET NO. 14 OF 101

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LEGEND:

- ACCESSIBLE PATH OF TRAVEL TO STATION ACCESS
- PROPERTY LINE

NOTES

1. STATION PARKING NOT PROVIDED.
2. STATION ENTRY ACCESS DESIGN WAS PERFORMED WITHOUT OWNER COORDINATION AND PROPERTY AS-BUILT INFORMATION. DEPICTED STATION ENTRY ACCESS ARE CONCEPTUAL AND WILL REQUIRE FURTHER OWNER AND AS-BUILT COORDINATION IN ORDER TO DETERMINE FEASIBILITY.
3. SIZES AND LOCATIONS FOR SURFACE VENTILATION GRATINGS ARE PRELIMINARY IN NATURE. THEIR SIZES AND LOCATIONS WILL BE DEVELOPED DURING FINAL ENGINEERING PHASE.
4. ALL VENTILATION GRATING FLUSHED WITH SIDEWALK.

STREET LEVEL
1" = 40'-0"

1
A2-001



FINAL ADVANCED CONCEPTUAL STATIONS DESIGN

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REV	DATE	BY	APP	REG. NO.	EXPIRES	SEAL HOLDER	DESCRIPTION

DESIGNED BY J. HUANG
DRAWN BY S. PRUTHVISH
CHECKED BY S. MATHEWS
IN CHARGE N. MAACK
DATE 5/27/2020

LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY

444 South Flower Street
Suite 800
Los Angeles, CA 90071
TEL (213) 362-9470

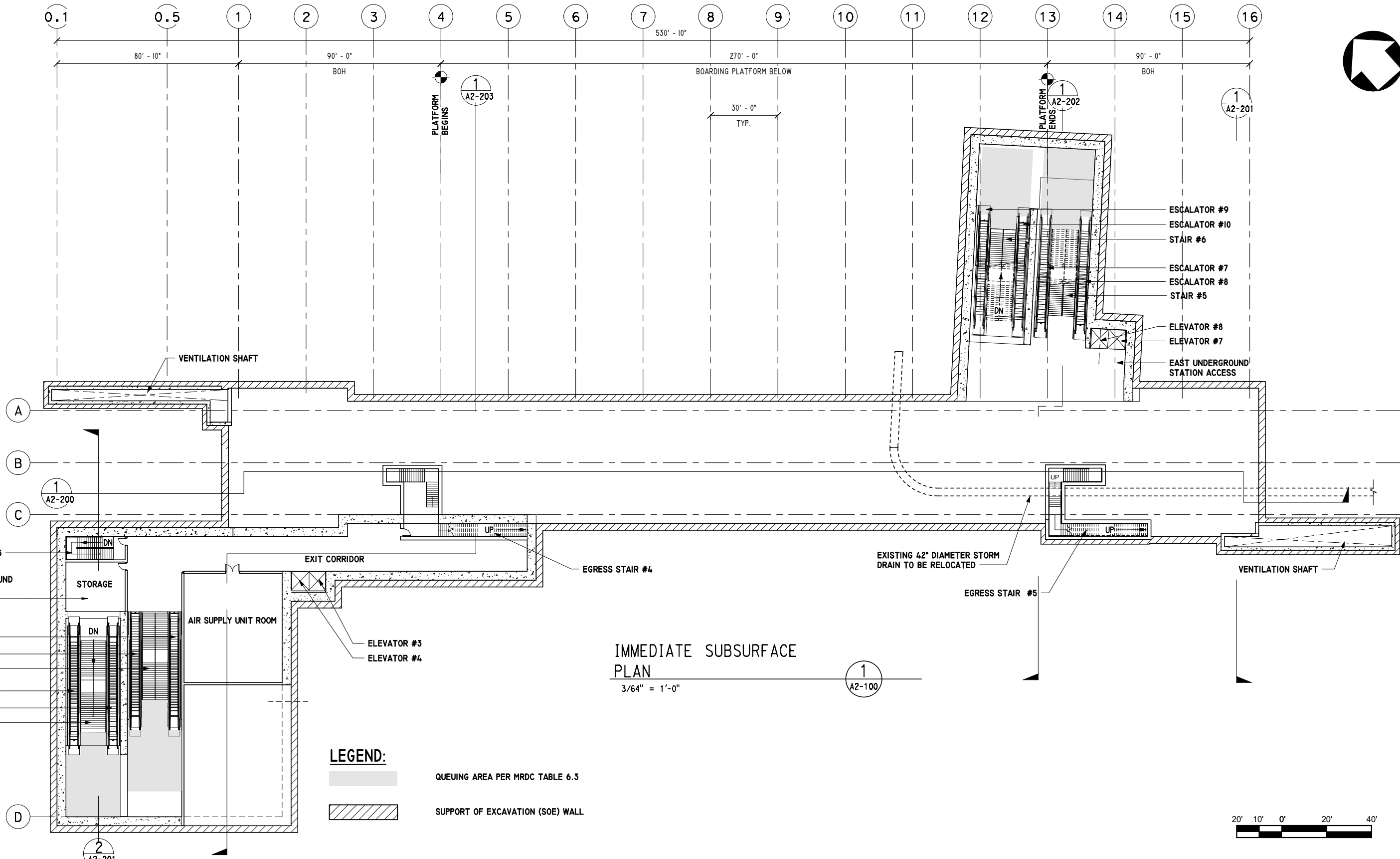
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WEST SANTA ANA BRANCH LRT ARCHITECTURAL SOUTH PARK/FASHION DISTRICT (ALT 2) STATION SITE PLAN UNDERGROUND STATION

CONTRACT NO. AE5999300
DRAWING NO. A2-001
SCALE 1" = 40'-0"
SHEET NO. 15 OF 100

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IMMEDIATE SUBSURFACE
PLAN
3/64" = 1'-0"

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REV	DATE	BY	APP	REG. NO.	EXPIRES	SEAL HOLDER	DESCRIPTION

DESIGNED BY J. HUANG
DRAWN BY S. PRUTHVISH
CHECKED BY S. MATHEWS
IN CHARGE N. MAACK
DATE 5/27/2020

M Metro
wsp

LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY

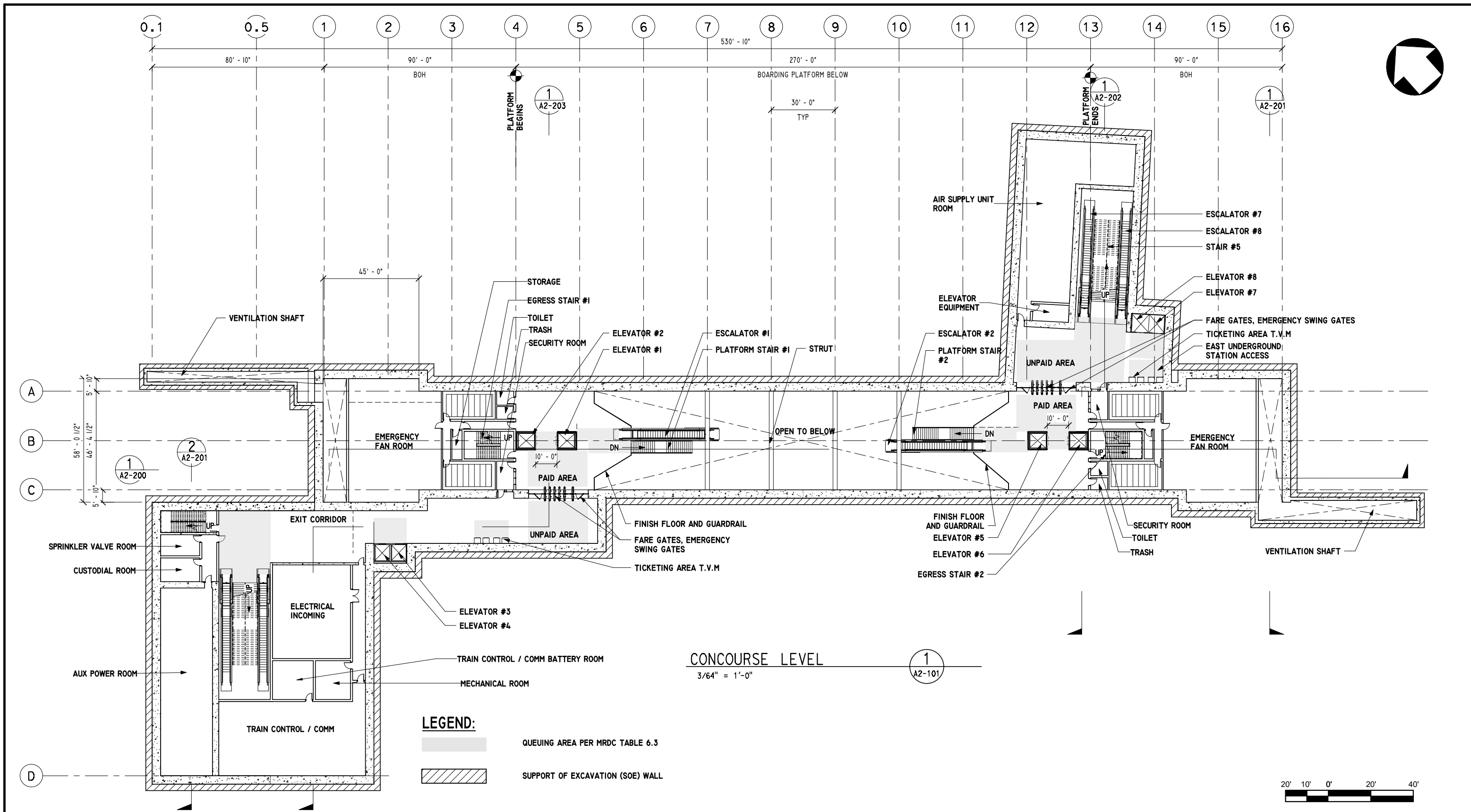
444 South Flower Street
Suite 800
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TEL (213) 362-9470

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APPROVED _____

WEST SANTA ANA BRANCH LRT
ARCHITECTURAL
SOUTH PARK/FASHION DISTRICT (ALT 2)
IMMEDIATE SUBSURFACE PLAN
UNDERGROUND STATION PLAN

CONTRACT NO. AE5999300
DRAWING NO. A2-100
SCALE 3/64" = 1'-0"
SHEET NO. 16 OF 100

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REV	DATE	BY	APP	REG. NO.	EXPIRES	SEAL HOLDER	DESCRIPTION

DESIGNED BY J. HUANG
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DATE 5/27/2020

**LOS ANGELES COUNTY
METROPOLITAN TRANSPORTATION AUTHORITY**

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TEL (213) 362-9470

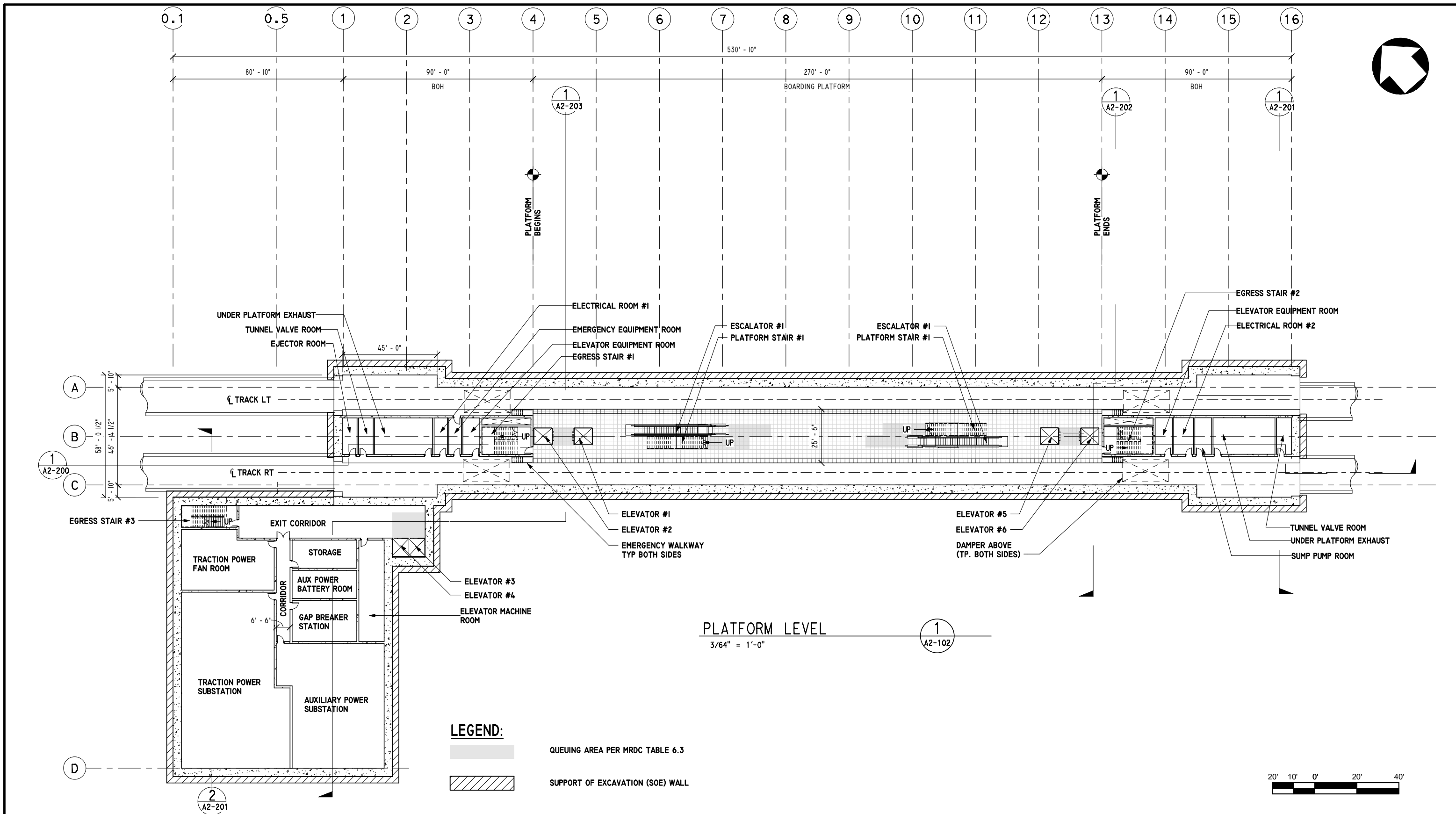
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APPROVED _____

**WEST SANTA ANA BRANCH LRT
ARCHITECTURAL
SOUTH PARK/FASHION DISTRICT (ALT 2)
CONCOURSE LEVEL PLAN
UNDERGROUND STATION PLAN**

CONTRACT NO. AE5999300
DRAWING NO. A2-101
SCALE 3/64" = 1'-0"
SHEET NO. 17 OF 100

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REV	DATE	BY	APP	REG. NO.	EXPIRES	SEAL HOLDER	DESCRIPTION

DESIGNED BY
J. JUANG
DRAWN BY
S. PRUTHVISH
CHECKED BY
S. MATHEWS
IN CHARGE
N. MAACK
DATE
5/27/2020

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LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY

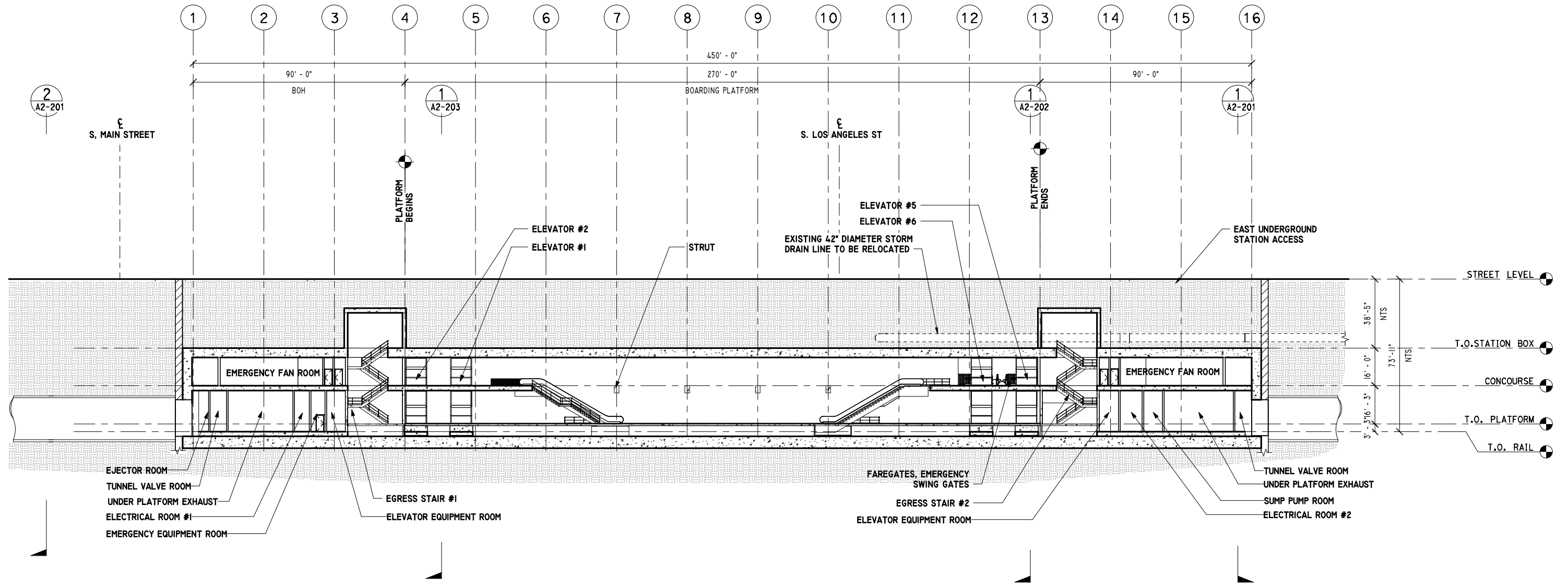
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WEST SANTA ANA BRANCH LRT ARCHITECTURAL SOUTH PARK/FASHION DISTRICT (ALT 2) PLATFORM LEVEL PLAN UNDERGROUND STATION PLAN

CONTRACT NO. AE5999300
DRAWING NO. A2-102
SCALE 3/64" = 1'-0"
SHEET NO. 18 OF 100

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LONGITUDINAL SECTION
 3/64" = 1'-0"

1
 A2-200



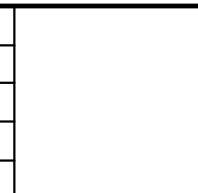
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REV	DATE	BY	APP	REG. NO.	EXPIRES	SEAL HOLDER	DESCRIPTION

DESIGNED BY
 J. HUANG
 DRAWN BY
 S. PRUTHVISH
 CHECKED BY
 S. MATHEWS
 IN CHARGE
 N. MAACK
 DATE
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LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY

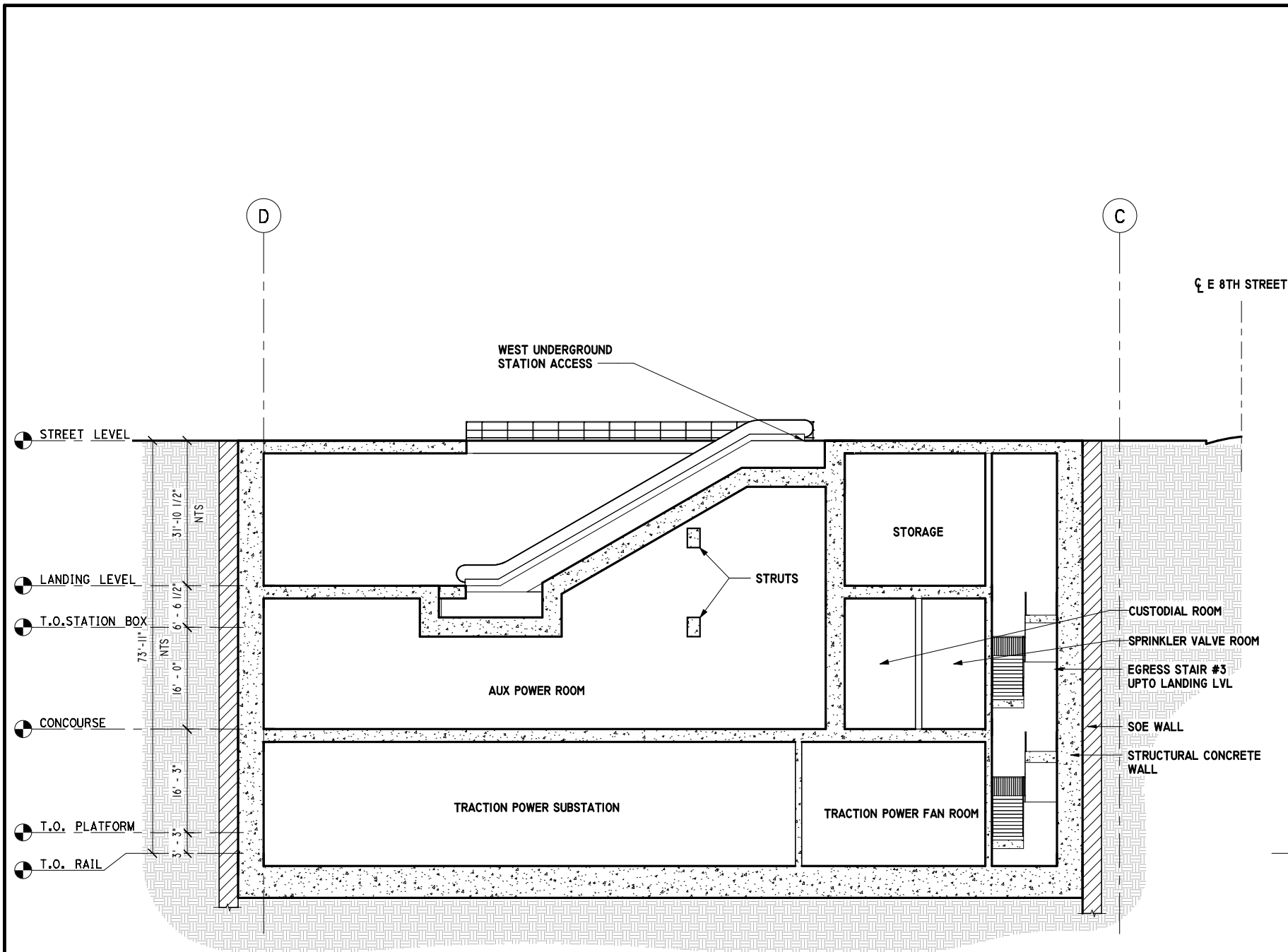
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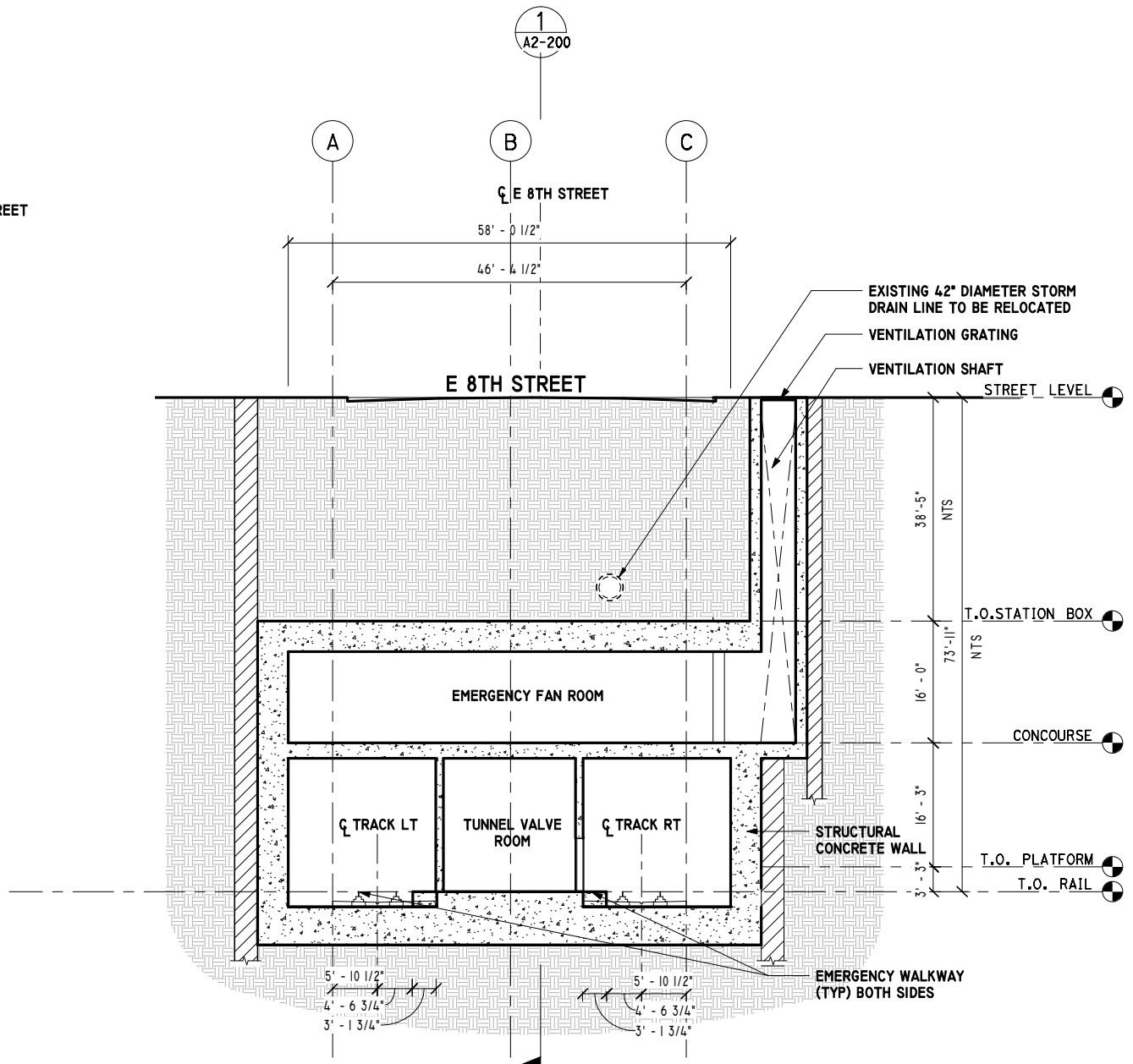
WEST SANTA ANA BRANCH LRT ARCHITECTURAL SOUTH PARK/FASHION DISTRICT (ALT 2) LONGITUDINAL SECTION UNDERGROUND STATION

CONTRACT NO. AE5999300
DRAWING NO. A2-200
SCALE 3/64" = 1'-0"
SHEET NO. 19 OF 100

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TRANSVERSE SECTION 2
 3/32" = 1'-0"
 A2-201



TRANSVERSE SECTION 1
 3/32" = 1'-0"
 A2-201



NOTE: ELEVATIONS TO BE CO-ORDINATED AND PROVIDED ON FINAL SUBMITTAL

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REV	DATE	BY	APP	REG. NO.	EXPIRES	SEAL HOLDER

DESIGNED BY J. HUANG
DRAWN BY S. PRUTHVISH
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IN CHARGE N. MAACK
DATE 5/27/2020

M Metro
 LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY

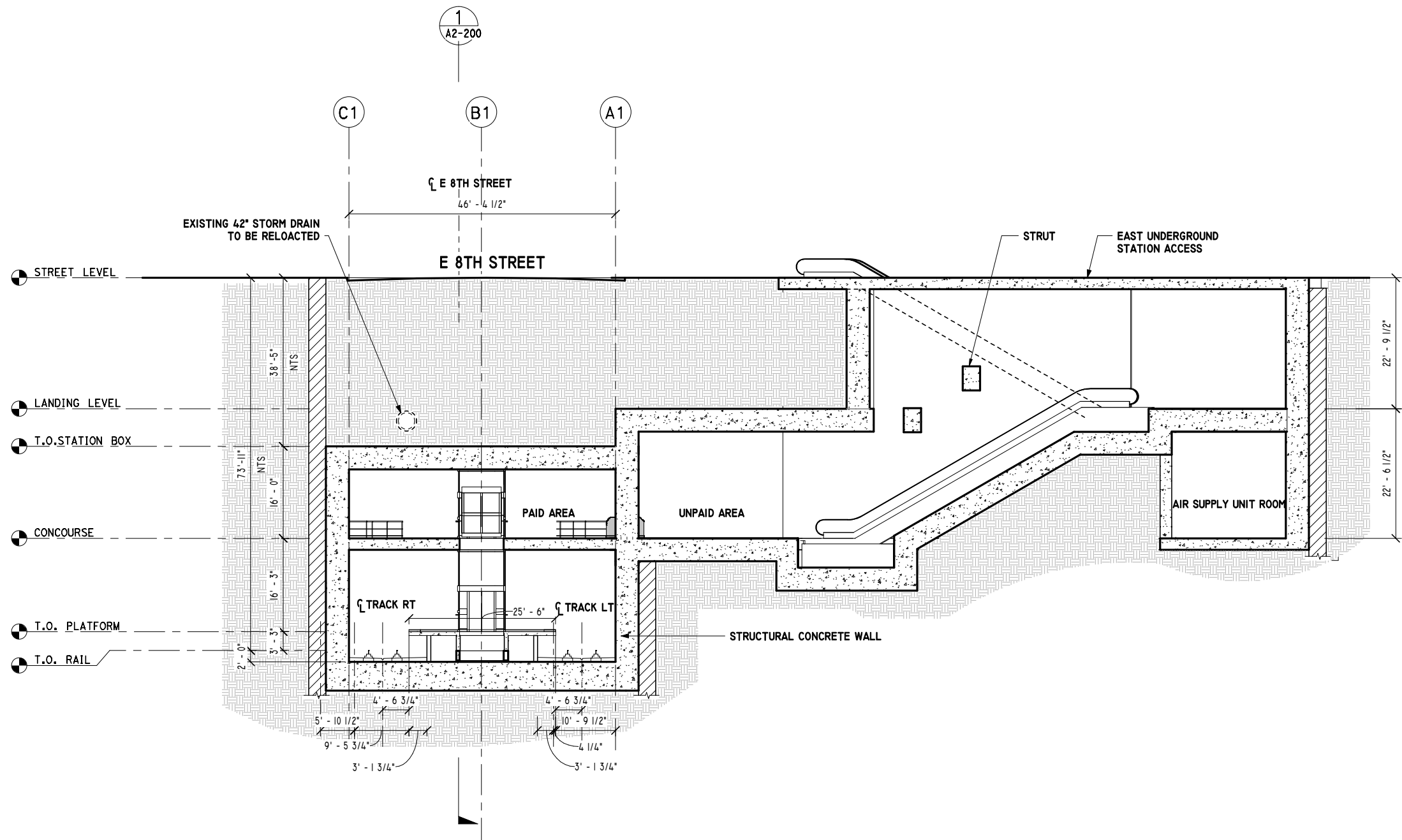
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 APPROVED _____

WEST SANTA ANA BRANCH LRT ARCHITECTURAL SOUTH PARK/FASHION DISTRICT (ALT 2) TRANSVERSE SECTIONS UNDERGROUND STATION

CONTRACT NO. AE5999300
 DRAWING NO. A2-201
 SCALE 3/32" = 1'-0"
 SHEET NO. 20 OF 100

This document is 11" x 34" sheet, it is 1:2 on 11" x 17" sheet



TRANSVERSE SECTION
 3/32" = 1'-0" 1
A2-202



NOTE: ELEVATIONS TO BE CO-ORDINATED AND PROVIDED ON FINAL SUBMITTAL

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

DESIGNED BY J. HUANG
DRAWN BY S. PRUTHVISH
CHECKED BY S. MATHEWS
IN CHARGE N. MAACK
DATE 3/13/2019

M Metro

LOS ANGELES COUNTY
METROPOLITAN TRANSPORTATION AUTHORITY

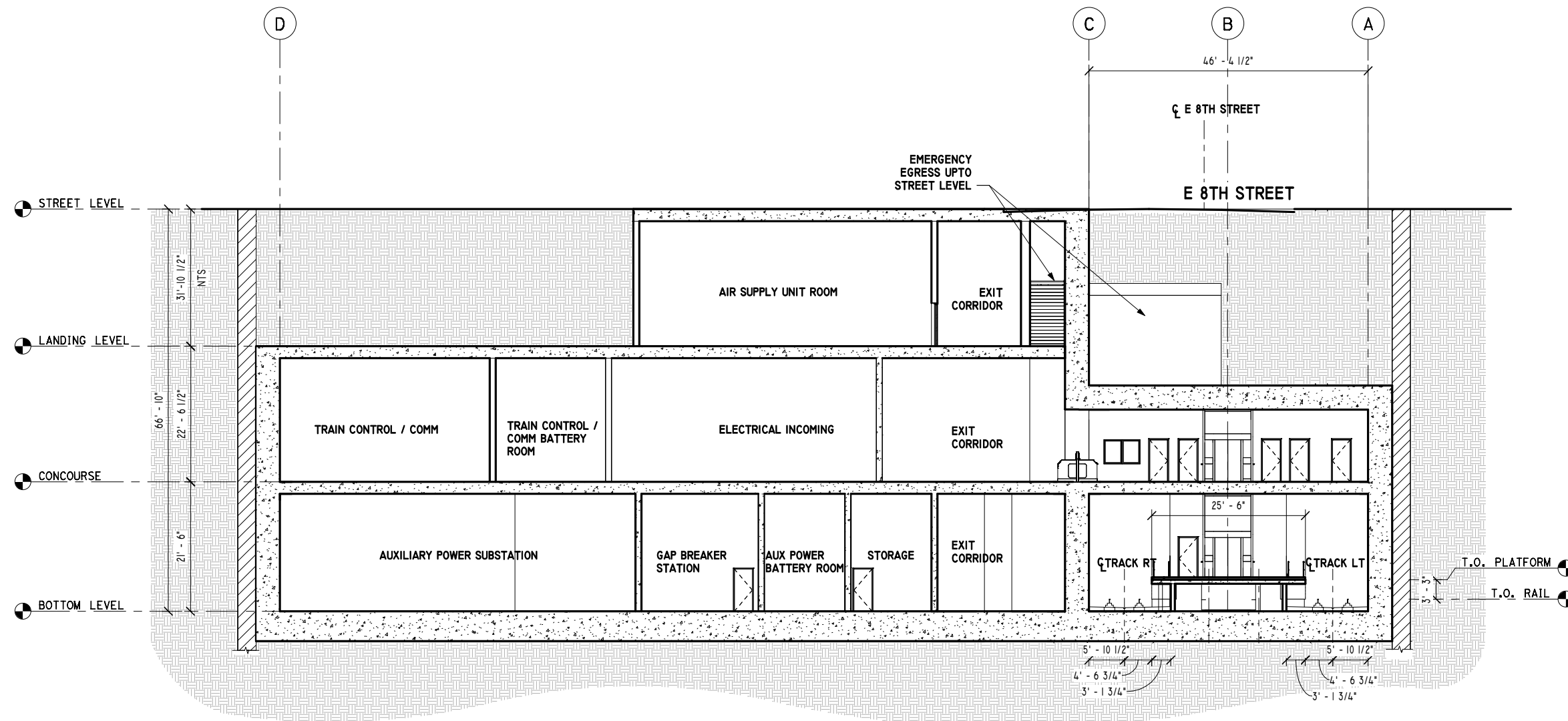
wsp 444 South Flower Street
Suite 800
Los Angeles, CA 90071
TEL (213) 362-9470

SUBMITTED _____
APPROVED _____

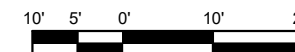
**WEST SANTA ANA BRANCH LRT
ARCHITECTURAL
SOUTH PARK/FASHION DISTRICT (ALT 2)
TRANSVERSE SECTION
UNDERGROUND STATION PLAN**

CONTRACT NO. AE5999300
DRAWING NO. A2-202
SCALE 3/32" = 1'-0"
SHEET NO. 21 OF 100

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TRANSVERSE SECTION 1
3/32" = 1'-0" A2-203



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REV	DATE	BY	APP	REG. NO.	EXPIRES	SEAL HOLDER	DESCRIPTION

DESIGNED BY
J. HUANG

DRAWN BY
S. PRUTHVISH

CHECKED BY
S. MATHEWS

IN CHARGE
N. MAACK

DATE
5/27/2020

M Metro LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY

wsp 444 South Flower Street Suite 800 Los Angeles, CA 90071 TEL (213) 362-9470

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APPROVED _____

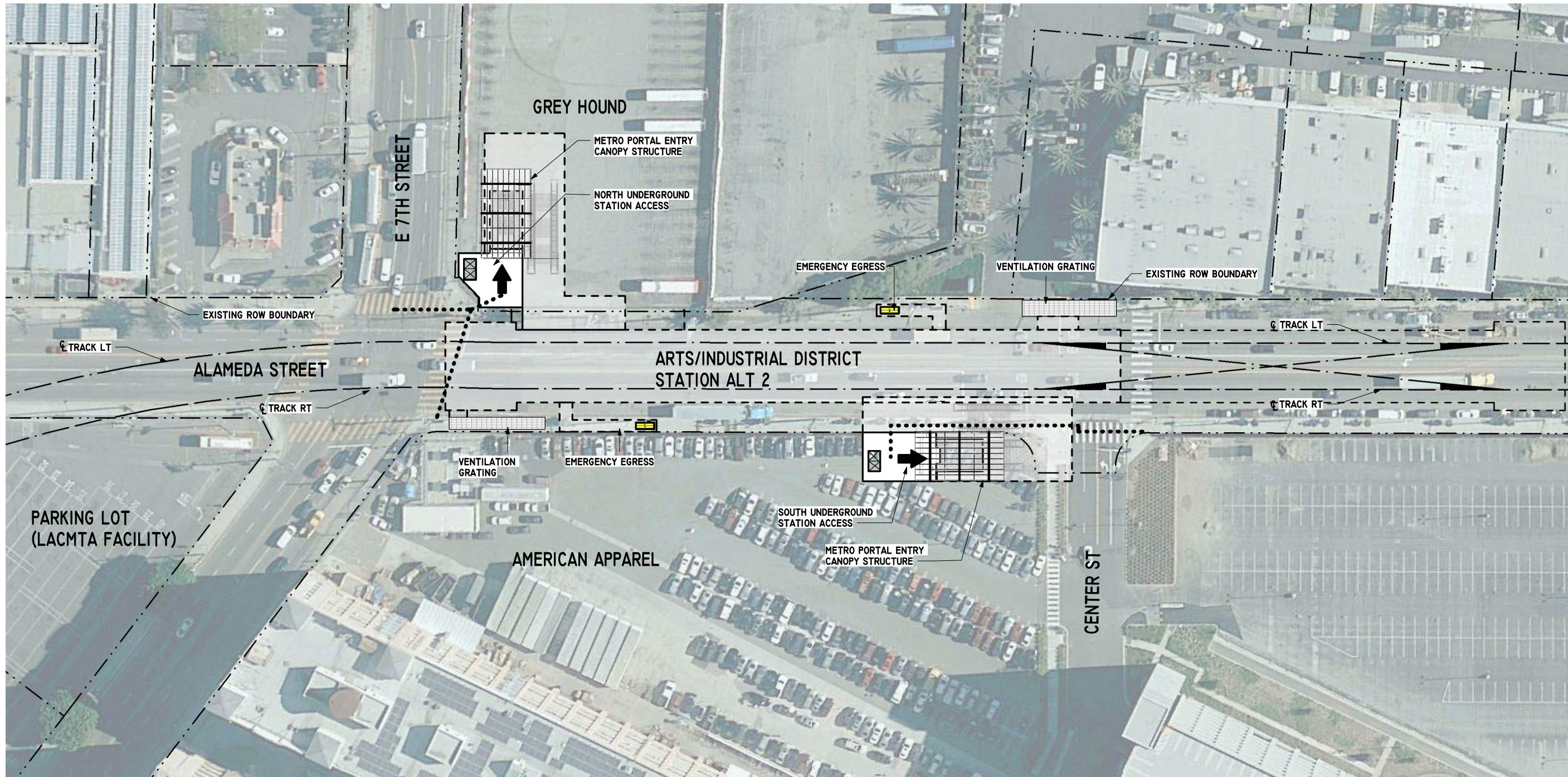
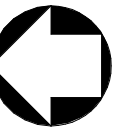
WEST SANTA ANA BRANCH LRT ARCHITECTURAL SOUTH PARK/FASHION DISTRICT (ALT 2) TRANSVERSE SECTION UNDERGROUND STATION

CONTRACT NO. AE5999300

DRAWING NO. A2-203

SCALE 3/32" = 1'-0"

SHEET NO. 22 OF 100



LEGEND:

- ACCESSIBLE PATH OF TRAVEL TO STATION ACCESS
- PROPERTY LINE

NOTES

1. STATION PARKING NOT PROVIDED.
2. STATION ENTRY ACCESS DESIGN WAS PERFORMED WITHOUT OWNER COORDINATION AND PROPERTY AS-BUILT INFORMATION. DEPICTED STATION ENTRY ACCESS ARE CONCEPTUAL AND WILL REQUIRE FURTHER OWNER AND AS-BUILT COORDINATION IN ORDER TO DETERMINE FEASIBILITY.
3. SIZES AND LOCATIONS FOR SURFACE VENTILATION GRATINGS ARE PRELIMINARY IN NATURE. THEIR SIZES AND LOCATIONS WILL BE DEVELOPED DURING FINAL ENGINEERING PHASE.
4. ALL VENTILATION GRATING FLUSHED WITH SIDEWALK.

STREET LEVEL
1" = 40'-0"

1
3-001



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REV	DATE	BY	APP	REG. NO.	EXPIRES	SEAL HOLDER	DESCRIPTION

DESIGNED BY J. HUANG
DRAWN BY S. PRUTHVISH
CHECKED BY S. MATHEWS
IN CHARGE N. MAACK
DATE 5/27/2020

LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY

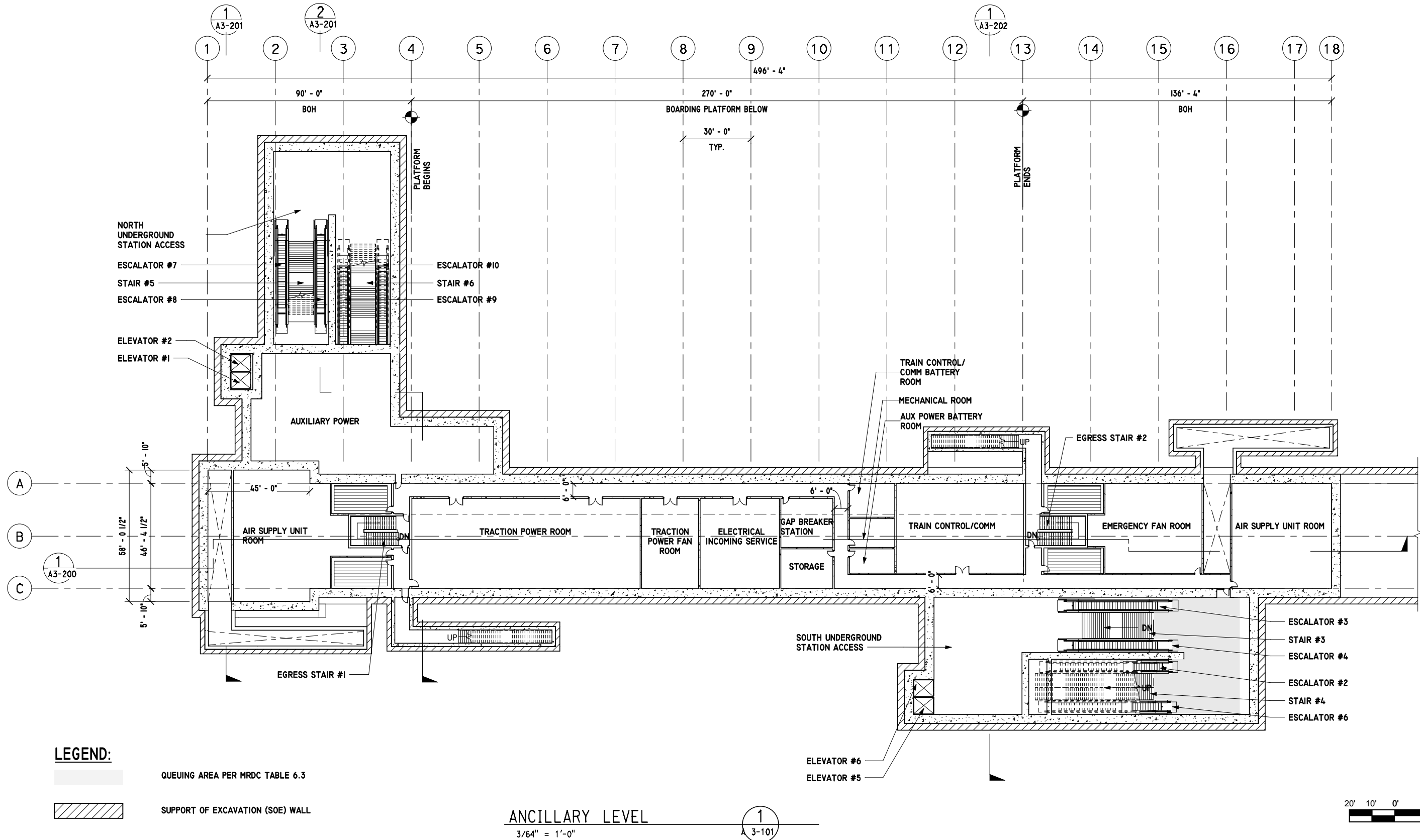
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Suite 800
Los Angeles, CA 90071
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SUBMITTED _____

APPROVED _____

WEST SANTA ANA BRANCH LRT ARCHITECTURAL ARTS/INDUSTRIAL DISTRICT STATION (ALT 2) STATION SITE PLAN UNDERGROUND STATION PLAN

CONTRACT NO. AE5999300
DRAWING NO. A3-001
SCALE 1" = 40'-0"
SHEET NO. 23 OF 100



LEGEND:

- SUPPORT OF EXCAVATION (SOE) WALL
- QUEUING AREA PER MRDC TABLE 6.3

ANCILLARY LEVEL
 3/64" = 1'-0" 1
3-101



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TEL (213) 362-9470

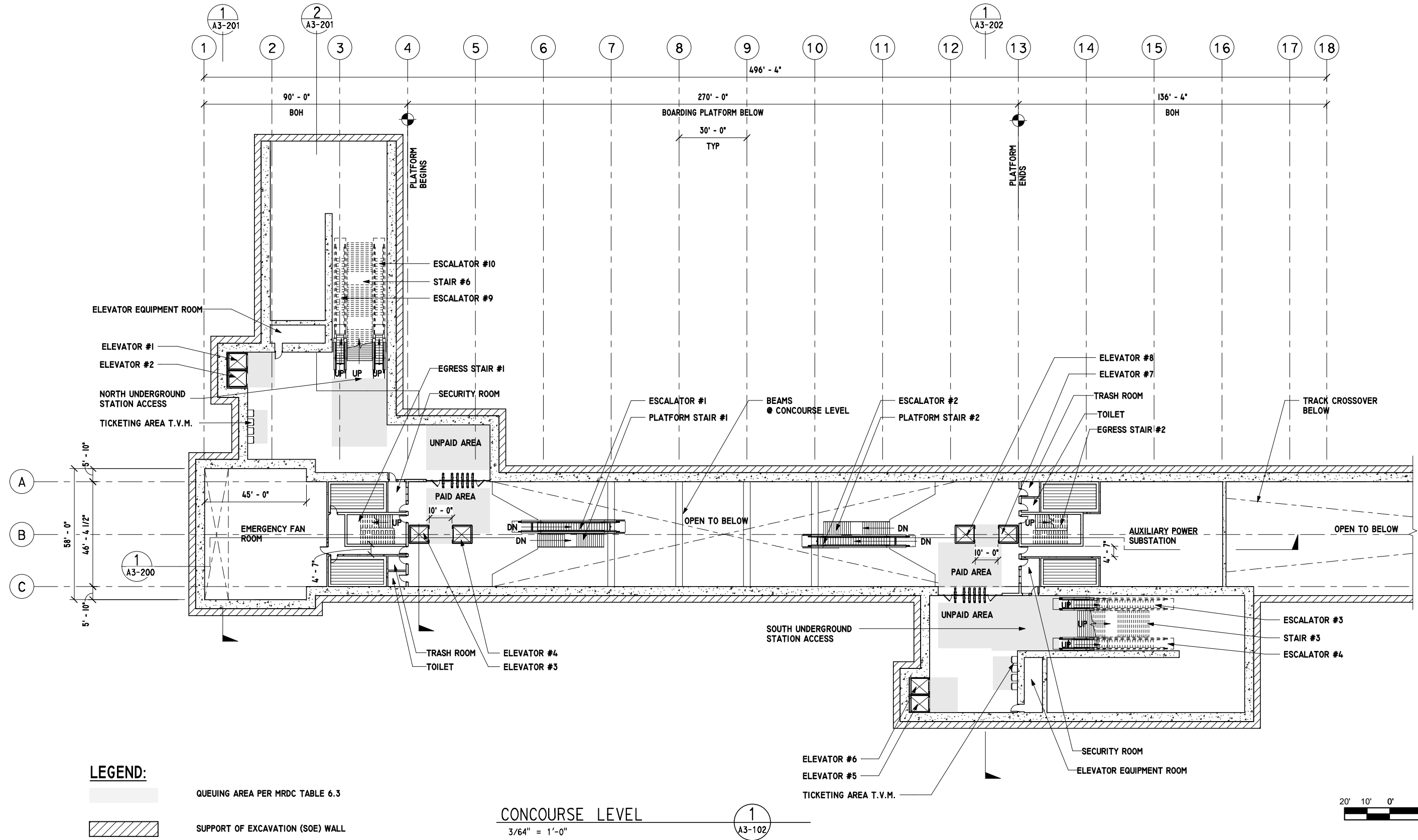
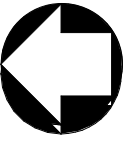
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APPROVED _____

WEST SANTA ANA BRANCH LRT ARCHITECTURAL ARTS/INDUSTRIAL DISTRICT STATION (ALT 2) ANCILLARY LEVEL PLAN UNDERGROUND STATION

CONTRACT NO. AE5999300
DRAWING NO. A3-101
SCALE 3/64" = 1'-0"
SHEET NO. 24 OF 100

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LEGEND:

- QUEUING AREA PER MRDC TABLE 6.3
- SUPPORT OF EXCAVATION (SOE) WALL

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

1
A3-102

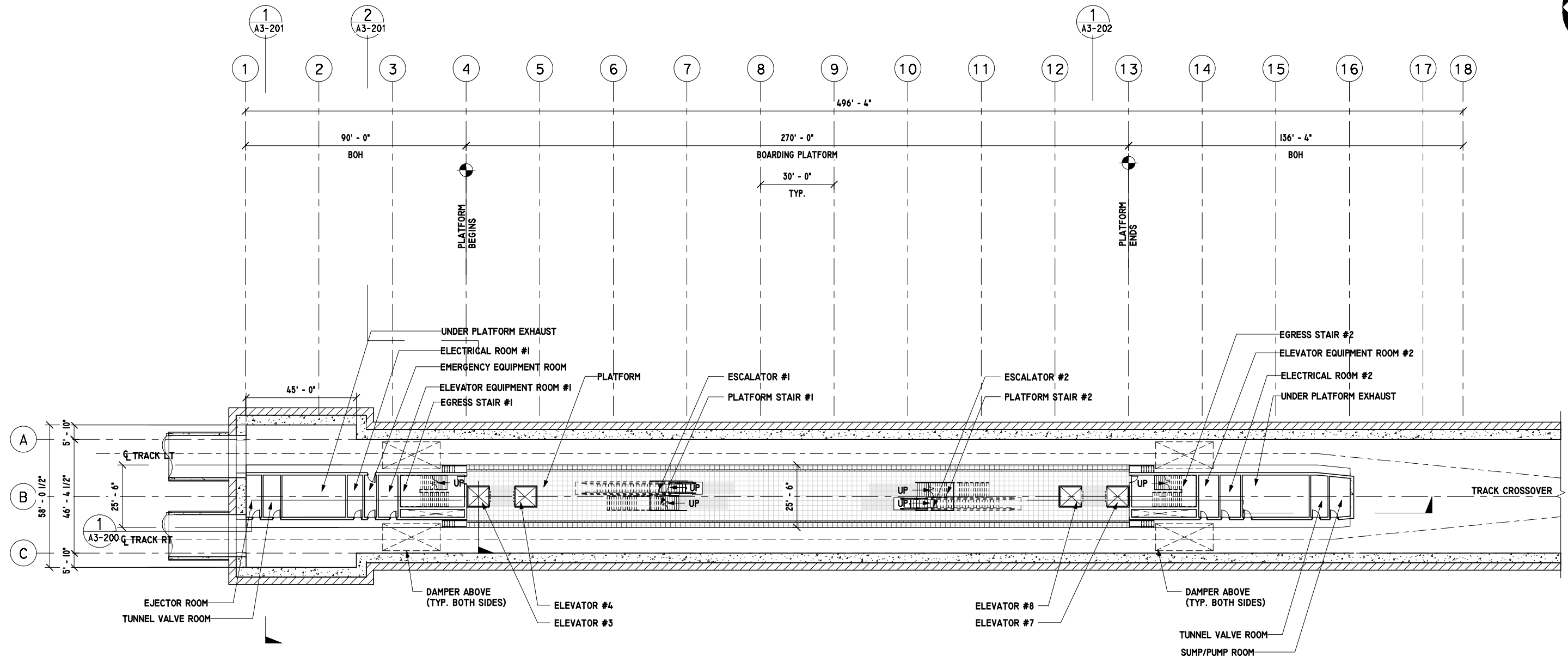


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REV	DATE	BY	APP	REG. NO.	EXPIRES	SEAL HOLDER	DESCRIPTION																

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- LEGEND:**
- QUEUING AREA PER MRDC TABLE 6.3
 - SUPPORT OF EXCAVATION (SOE) WALL

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



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REV	DATE	BY	APP	REG. NO.	EXPIRES	SEAL HOLDER	DESCRIPTION

DESIGNED BY
J. HUANG
DRAWN BY
S. PRUTHVISH
CHECKED BY
S. MATHEWS
IN CHARGE
N. MAACK
DATE
5/27/2020

LOS ANGELES COUNTY
METROPOLITAN TRANSPORTATION AUTHORITY

444 South Flower Street
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Los Angeles, CA 90071
TEL (213) 362-9470

SUBMITTED _____

APPROVED _____

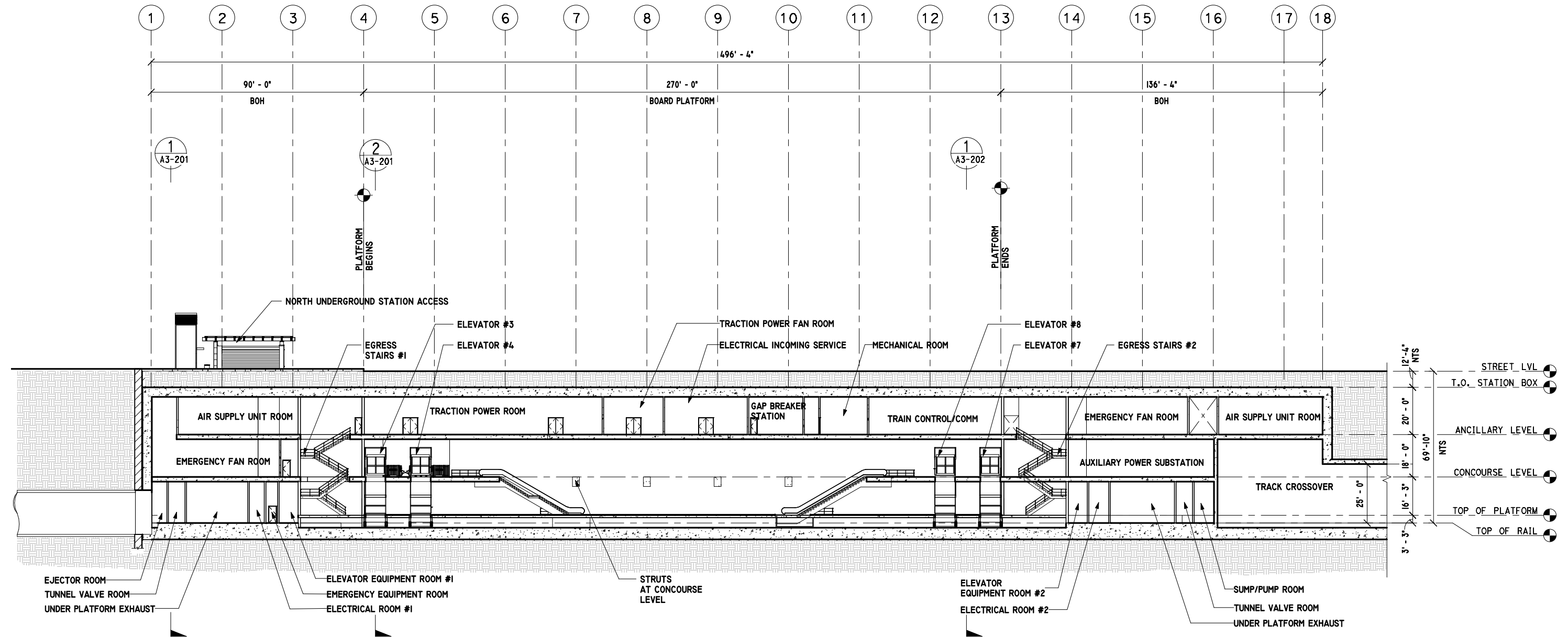
WEST SANTA ANA BRANCH LRT
ARCHITECTURAL
ARTS/INDUSTRIAL DISTRICT STATION (ALT 2)
PLATFORM LEVEL PLAN
UNDERGROUND STATION

CONTRACT NO
AE5999300

DRAWING NO
A3-103

SCALE
3/64" = 1'-0"

SHEET NO
26 OF 100



LONGITUDINAL SECTION
 3/64" = 1'-0"
 1
 A3-200

LEGEND:

SUPPORT OF EXCAVATION (SOE) WALL



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DATE 5/27/2020

M Metro

LOS ANGELES COUNTY
METROPOLITAN TRANSPORTATION AUTHORITY

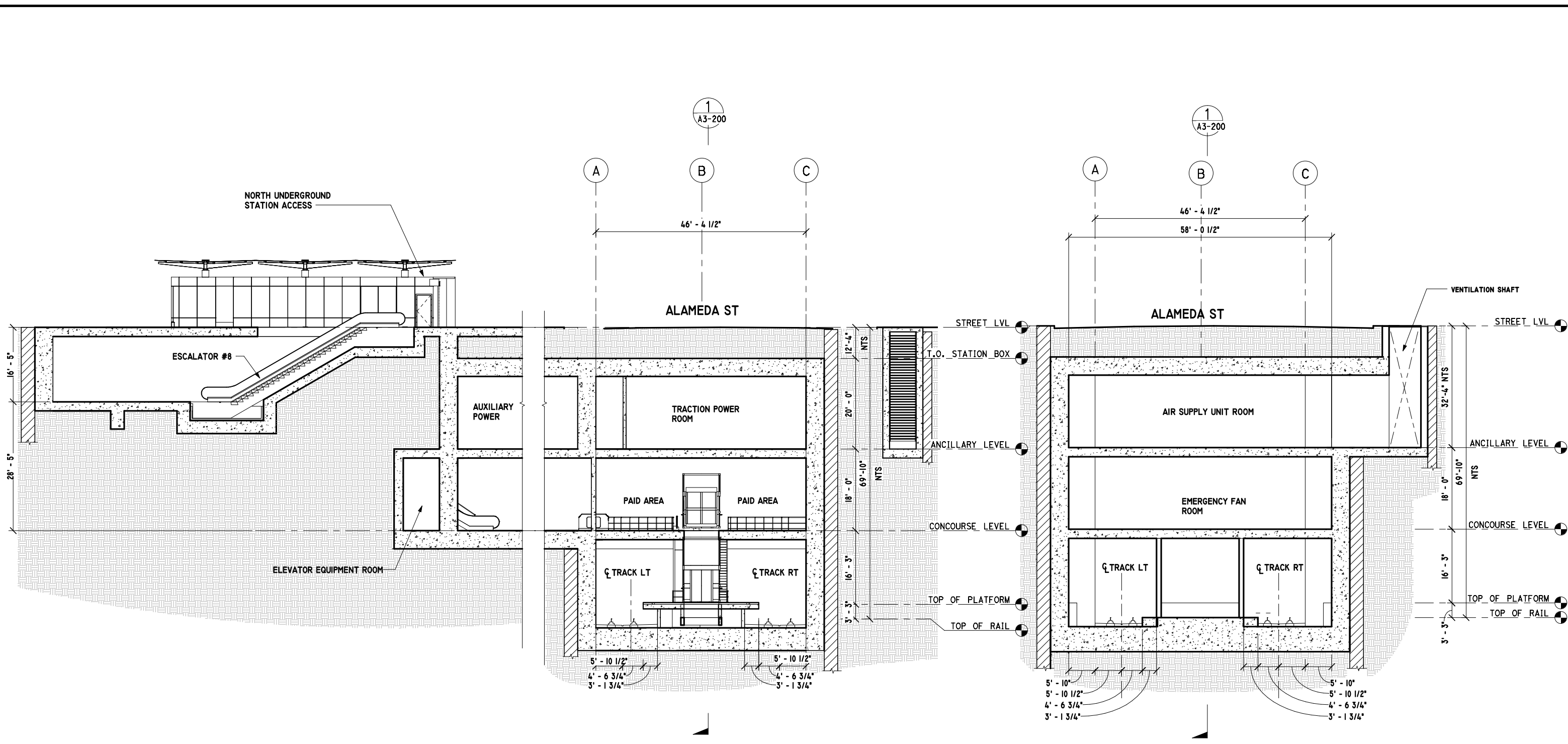
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**WEST SANTA ANA BRANCH LRT
ARCHITECTURAL
ARTS/INDUSTRIAL DISTRICT STATION (ALT 2)
LONGITUDINAL SECTION
UNDERGROUND STATION**

CONTRACT NO. AE5999300	
DRAWING NO. A3-200	REV
SCALE 3/64" = 1'-0"	
SHEET NO. 27 OF 100	

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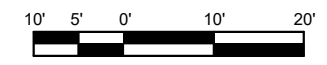


LEGEND:

SUPPORT OF EXCAVATION (SOE) WALL

TRANSVERSE SECTION 2
3/32" = 1'-0"
A3-201

TRANSVERSE SECTION 1
3/32" = 1'-0"
A3-201



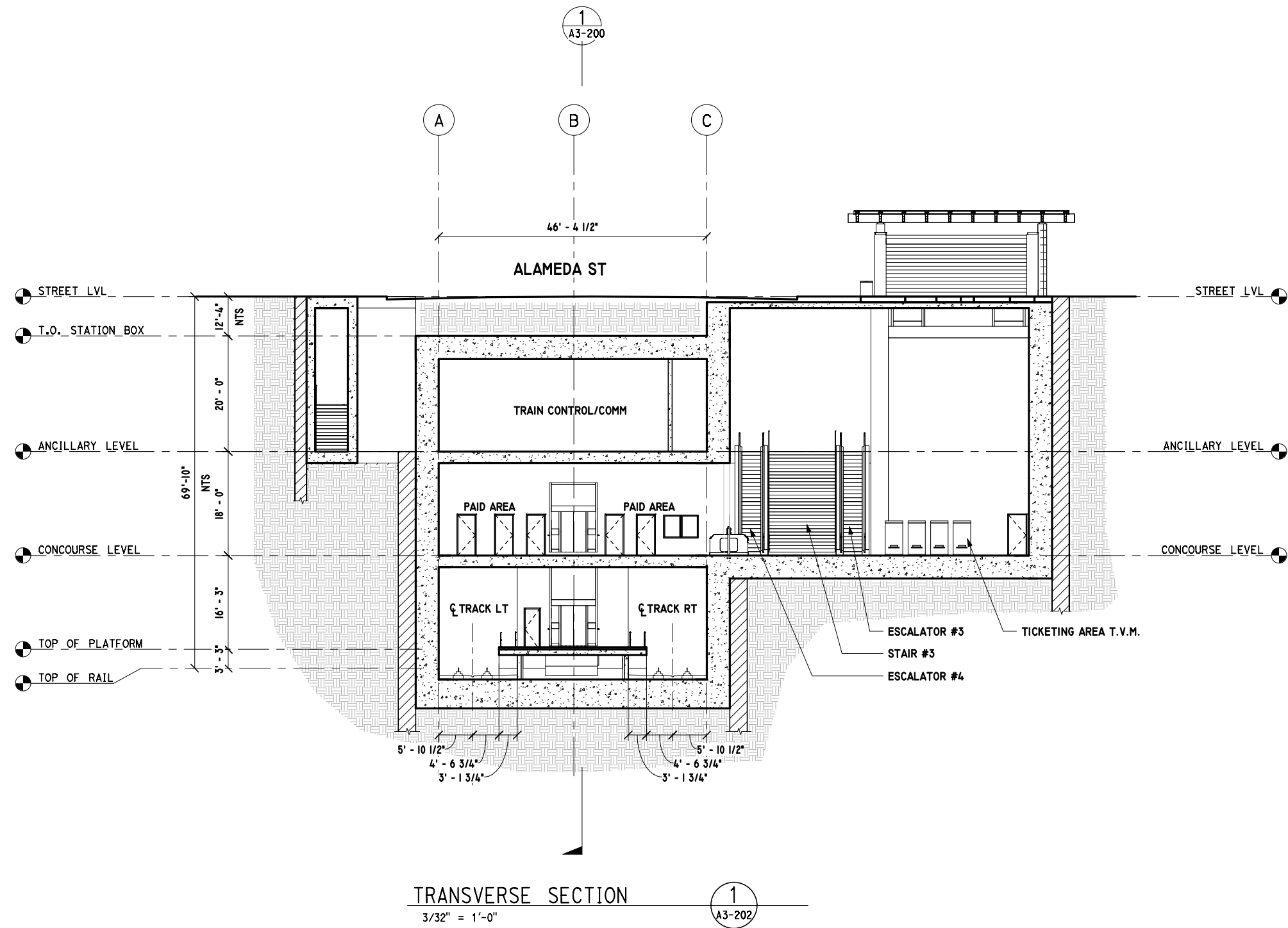
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REV	DATE	BY	APP	REG. NO.	EXPIRES	SEAL HOLDER	DESCRIPTION																																															

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TRANSVERSE SECTION
 3/32" = 1'-0" 1
A3-202

LEGEND:

SUPPORT OF EXCAVATION (SOE) WALL



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DATE 5/27/2020

LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY

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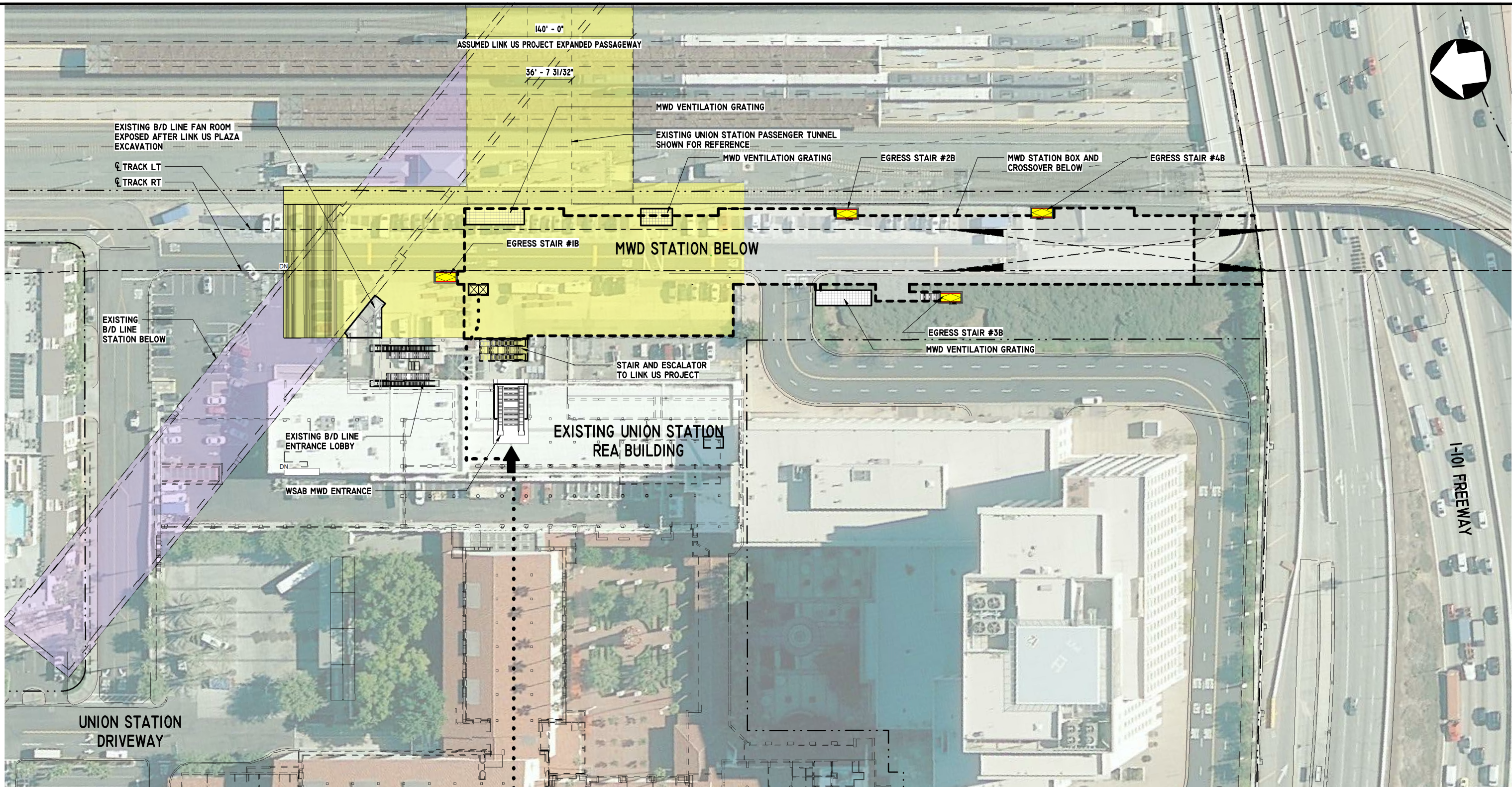
SUBMITTED _____

APPROVED _____

WEST SANTA ANA BRANCH LRT ARCHITECTURAL ARTS/INDUSTRIAL DISTRICT STATION (ALT 2) TRANSVERSE SECTION UNDERGROUND STATION

CONTRACT NO. AE5999300
DRAWING NO. A3-202
SCALE 3/32" = 1'-0"
SHEET NO. 29 OF 100

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LEGEND:

- ACCESSIBLE PATH OF TRAVEL TO STATION ACCESS
- PROPERTY LINE
- ASSUMED LINK US PROJECT - SEE NOTE
- EXISTING B/D LINE

NOTES

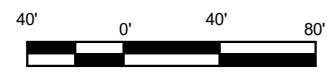
- 1 - UNION STATION PLATFORM MWD OPTION TO BE COORDINATED WITH LINK US.
- 2 - LOCATION OF THE SUPERVISOR ROOM WITHIN THE STATION TO BE DETERMINED BY METRO.
- 3 - STATION DESIGN DEPICTED WAS BASED ON LIMITED AS-BUILT INFORMATION AT THE TIME OF ISSUE. STATION DESIGN IS CONCEPTUAL IN NATURE AND WILL REQUIRE ADDITIONAL SITE VERIFICATION AND AS-BUILT DRAWINGS TO CONFIRM FEASIBILITY.
- 4 - ALL VENTILATION GRATING FLUSHED WITH SIDEWALK.

5 - COORDINATION OF LINK US PROJECT ELEMENTS WERE BASED ON A PROJECT VIDEO [HTTPS://WWW.YOUTUBE.COM/WATCH?V=ELPENYIWL&FEATURE=YOUTU.BE SENT BY METRO 11/21/2019](https://www.youtube.com/watch?v=ELPENYIWL&feature=youtu.be). THE EXACT LOCATION OF LINK US'S 140' EXPANDED PASSAGEWAY ELEMENTS (HIGHLIGHTED IN YELLOW) MAY VARY DUE TO APPROXIMATION OF MAJOR ELEMENTS FROM THE VIDEO. CURRENT WSAB DESIGN AVOIDS BOTH EXISTING UNION STATION AND LINK US OBSTRUCTIONS AS MUCH AS POSSIBLE. ACTUAL LINK US PROJECT DRAWINGS WILL BE NEEDED TO VERIFY WSAB PROJECT IMPACTS IF ANY.

STREET LEVEL

1" = 40'-0"

1
A4-001

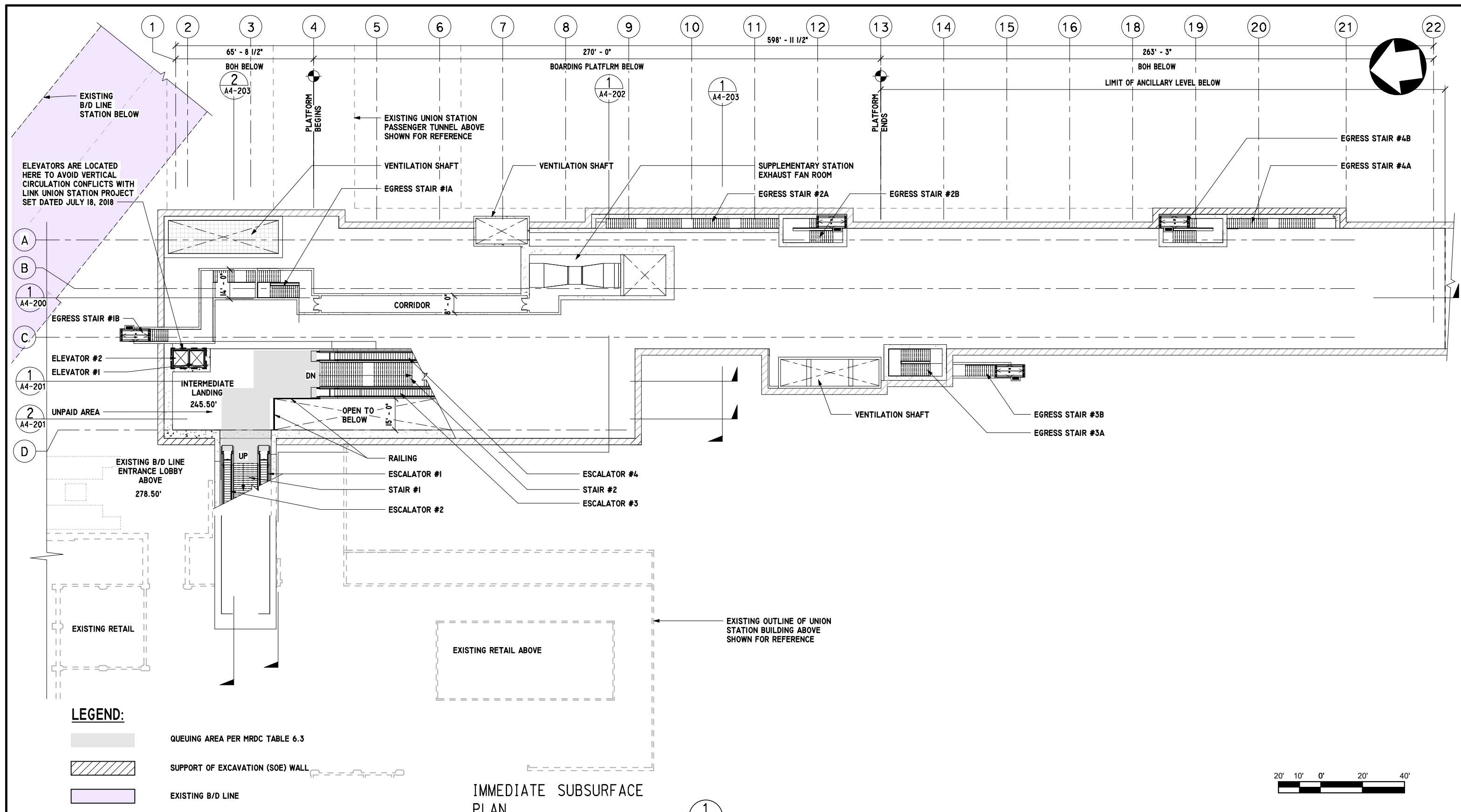


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REV	DATE	BY	APP	REG. NO.	EXPIRES	SEAL HOLDER	<p>WORK OF CONTRACT AE59600</p> <p>DESCRIPTION</p>	<p>SUBMITTED _____</p> <p>APPROVED _____</p>	<p>REVISIONS</p>	

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IMMEDIATE SUBSURFACE PLAN

3/64" = 1'-0"

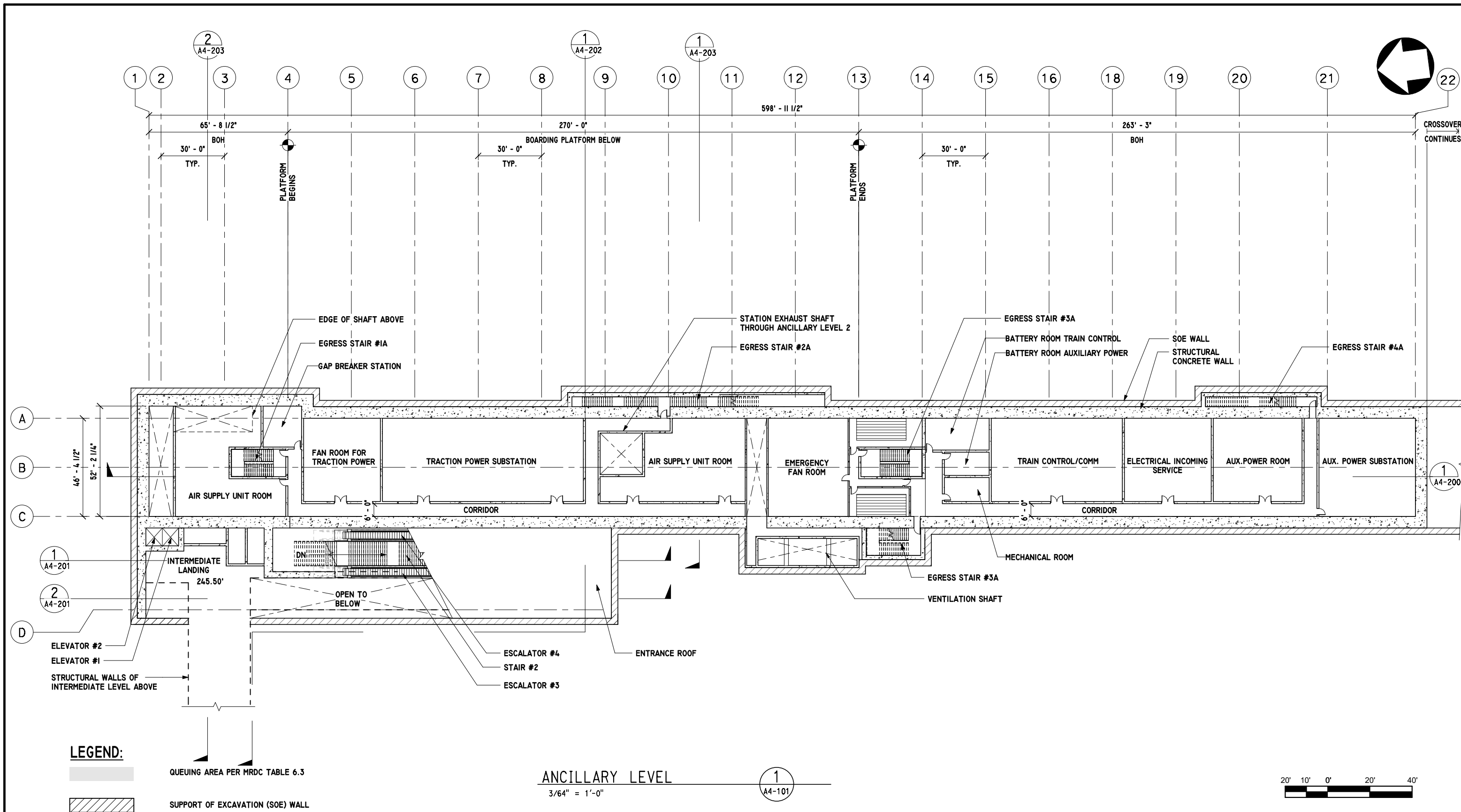
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A4-100

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REV	DATE	BY	APP	REG. NO.	EXPIRES	SEAL HOLDER														
WORK OF CONTRACT AE59600			444 South Flower Street Suite 800 Los Angeles, CA 90071 TEL (213) 362-9470	SUBMITTED _____ APPROVED _____																

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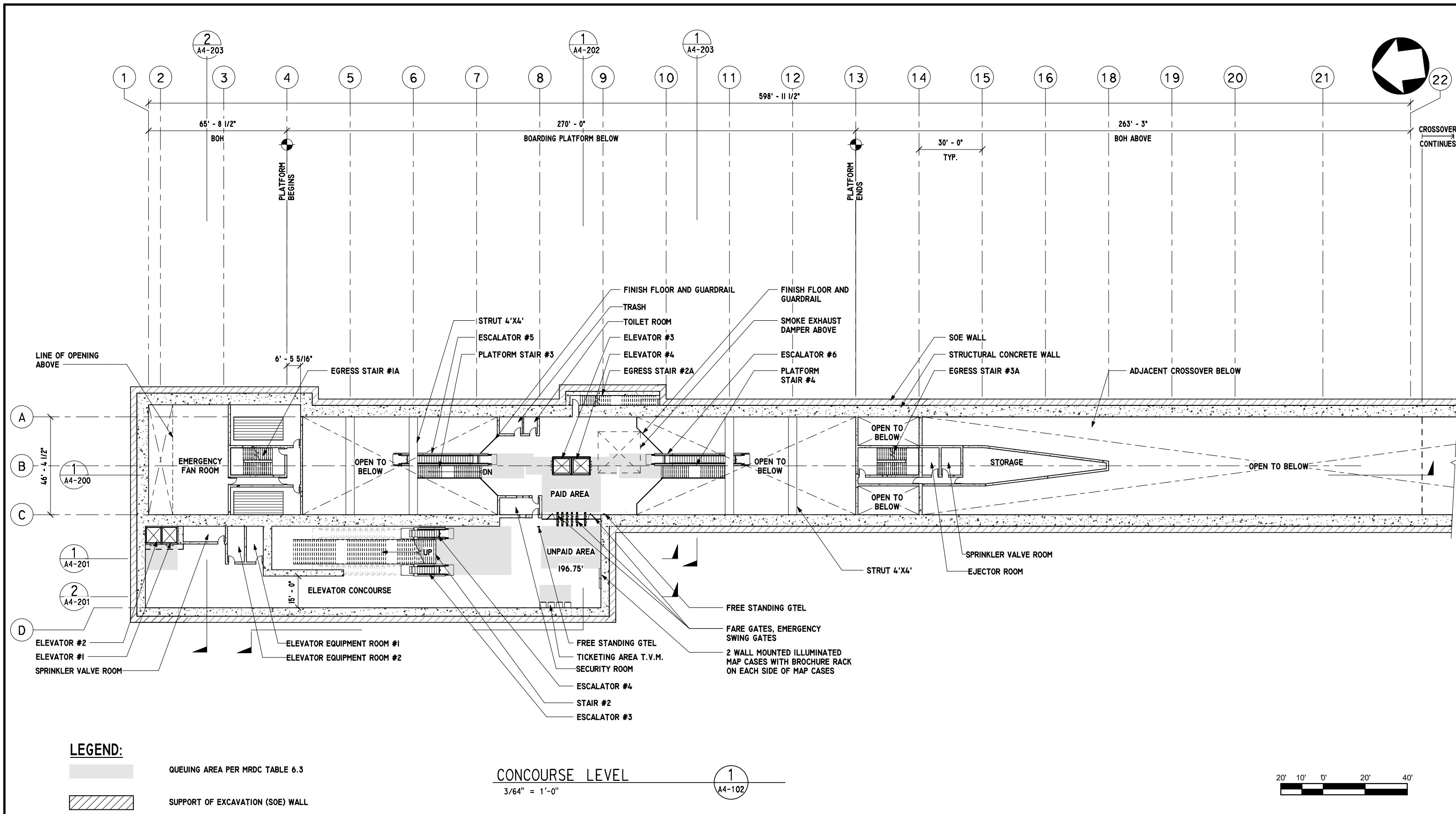


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REV	DATE	BY	APP	REG. NO.	EXPIRES	SEAL HOLDER														
WORK OF CONTRACT AE59600			444 South Flower Street Suite 800 Los Angeles, CA 90071 TEL (213) 362-9470	SUBMITTED _____ APPROVED _____																

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LEGEND:

- QUEUING AREA PER MRDC TABLE 6.3
- SUPPORT OF EXCAVATION (SOE) WALL

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

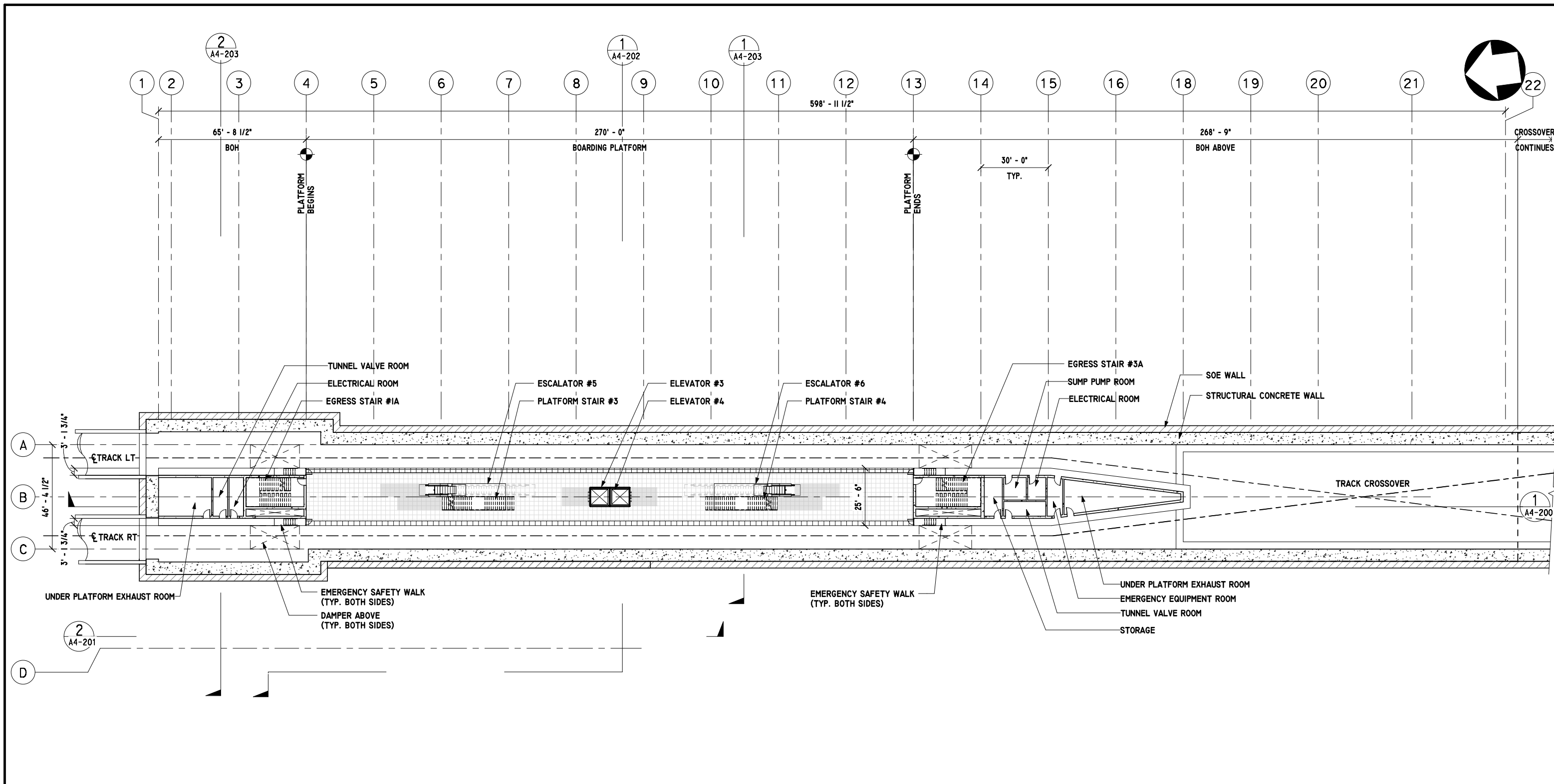


FINAL ADVANCED CONCEPTUAL STATIONS DESIGN

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.	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><th>REV</th><th>DATE</th><th>BY</th><th>APP</th><th>REG. NO.</th><th>EXPIRES</th><th>SEAL HOLDER</th></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </table>	REV	DATE	BY	APP	REG. NO.	EXPIRES	SEAL HOLDER								DESIGNED BY J. HUANG DRAWN BY A. NAPOLES CHECKED BY S. MATHEWS IN CHARGE N. MAACK DATE 5/27/2020	 Metro 	LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY	WEST SANTA ANA BRANCH LRT ARCHITECTURAL UNION STATION MWD (ALT IB) CONCOURSE LEVEL PLAN UNDERGROUND STATION	CONTRACT NO. AE5999300 DRAWING NO. A4-102 SCALE 3/64" = 1'-0" SHEET NO. 33 OF 100
REV	DATE	BY	APP	REG. NO.	EXPIRES	SEAL HOLDER														
WORK OF CONTRACT AE59600		444 South Flower Street Suite 800 Los Angeles, CA 90071 TEL (213) 362-9470		SUBMITTED _____ APPROVED _____																

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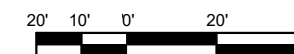
LEGEND:

- QUEUING AREA PER MRDC TABLE 6.3
- SUPPORT OF EXCAVATION (SOE) WALL

PLATFORM LEVEL

3/64" = 1'-0"

1
A4-103



FINAL ADVANCED CONCEPTUAL STATIONS DESIGN

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REV	DATE	BY	APP	REG. NO.	EXPIRES	SEAL HOLDER	DESCRIPTION

DESIGNED BY J. HUANG
DRAWN BY A. NAPOLES
CHECKED BY S. MATHEWS
IN CHARGE N. MAACK
DATE 5/27/2020

Metro

LOS ANGELES COUNTY
METROPOLITAN TRANSPORTATION AUTHORITY

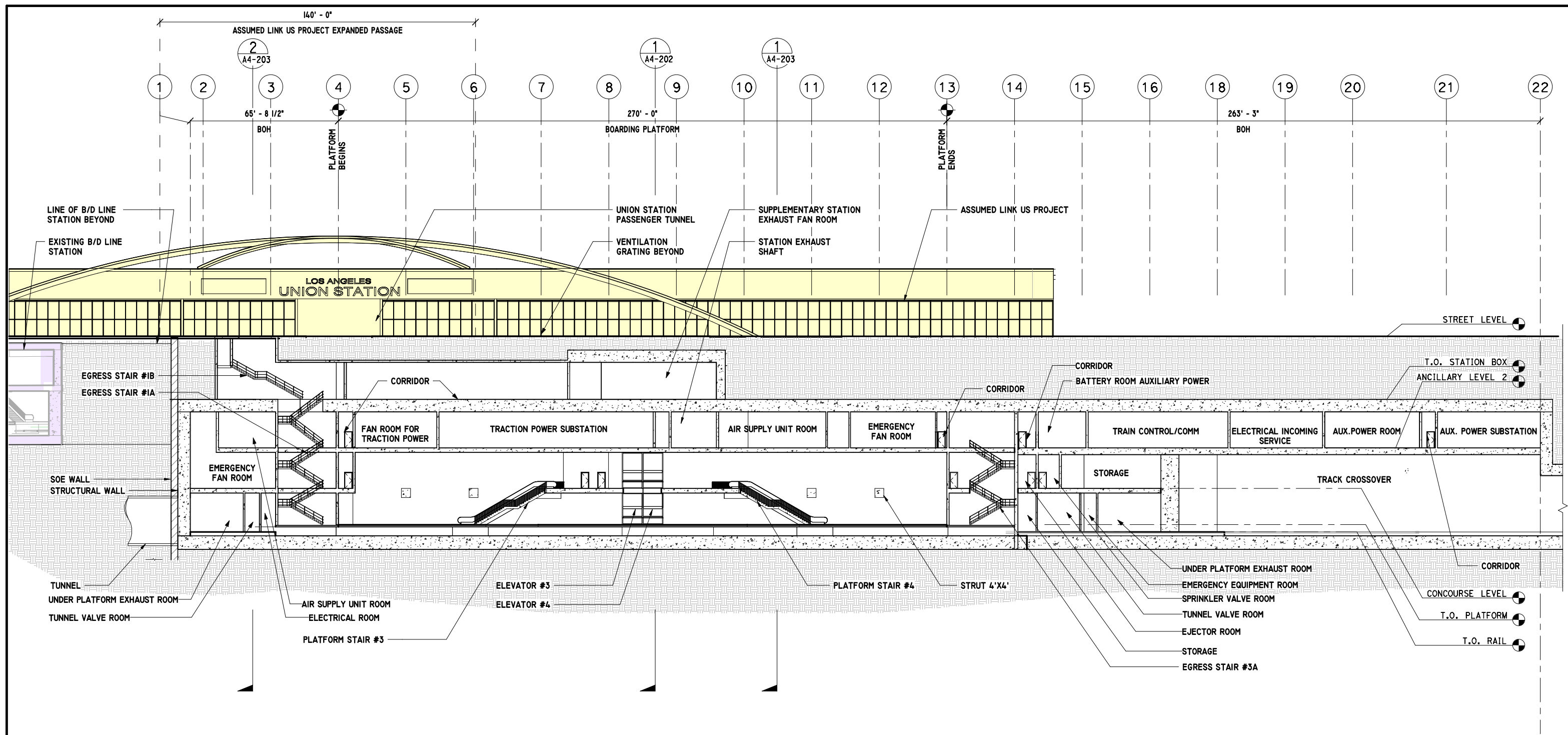
444 South Flower Street
Suite 800
Los Angeles, CA 90071
TEL (213) 362-9470

SUBMITTED _____

APPROVED _____

<p>WEST SANTA ANA BRANCH LRT ARCHITECTURAL UNION STATION MWD (ALT IB) PLATFORM LEVEL PLAN UNDERGROUND STATION</p>	
CONTRACT NO. AE5999300	REV
DRAWING NO. A4-103	
SCALE 3/64" = 1'-0"	
SHEET NO. 34 OF 100	

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LONGITUDINAL SECTION 1
 3/64" = 1'-0" A 4-200

LEGEND:

- ASSUMED LINK US PROJECT - SEE NOTE
- EXISTING B/D LINE

NOTE

COORDINATION OF LINK US PROJECT ELEMENTS WERE BASED ON A PROJECT VIDEO [HTTPS://WWW.YOUTUBE.COM/WATCH?V=ELPENCYIWL&FEATURE=YOUTU.BE](https://www.youtube.com/watch?v=ELPENCYIWL&feature=youtu.be) SENT BY METRO ON 11/21/2019. THE EXACT LOCATION OF LINK US'S 140' EXPANDED PASSAGEWAY ELEMENTS (HIGHLIGHTED IN YELLOW) MAY VARY DUE TO APPROXIMATION OF MAJOR ELEMENTS FROM THE VIDEO. CURRENT WSAB DESIGN AVOIDS BOTH EXISTING UNION STATION AND LINK US OBSTRUCTIONS AS MUCH AS POSSIBLE. ACTUAL LINK US PROJECT DRAWINGS WILL BE NEEDED TO VERIFY WSAB PROJECT IMPACTS IF ANY.

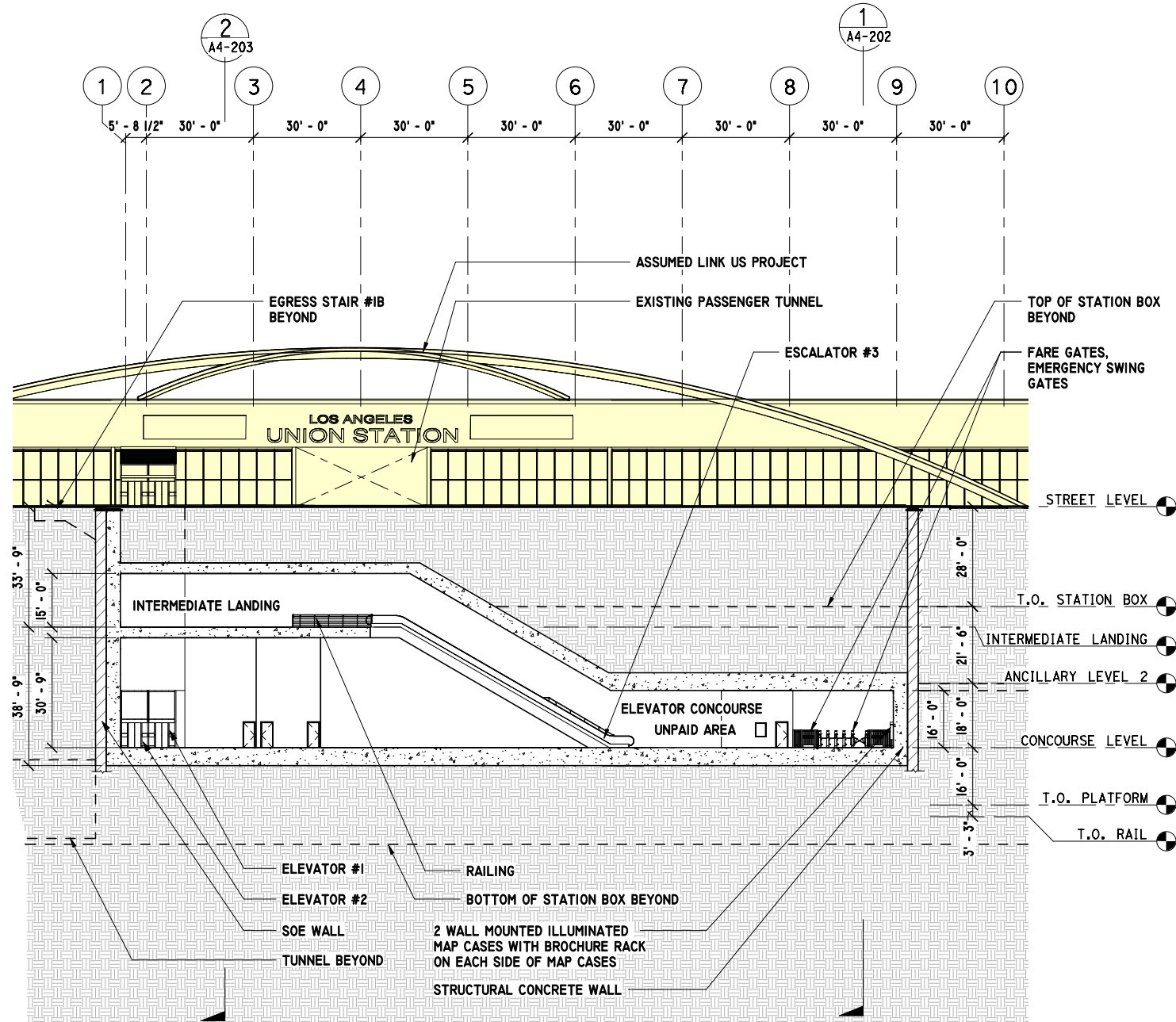


FINAL ADVANCED CONCEPTUAL STATIONS DESIGN

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<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>REV</th> <th>DATE</th> <th>BY</th> <th>APP</th> <th>REG. NO.</th> <th>EXPIRES</th> <th>SEAL HOLDER</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	REV	DATE	BY	APP	REG. NO.	EXPIRES	SEAL HOLDER	DESCRIPTION									<p>WORK OF CONTRACT AE59600</p>				
REV	DATE	BY	APP	REG. NO.	EXPIRES	SEAL HOLDER	DESCRIPTION														

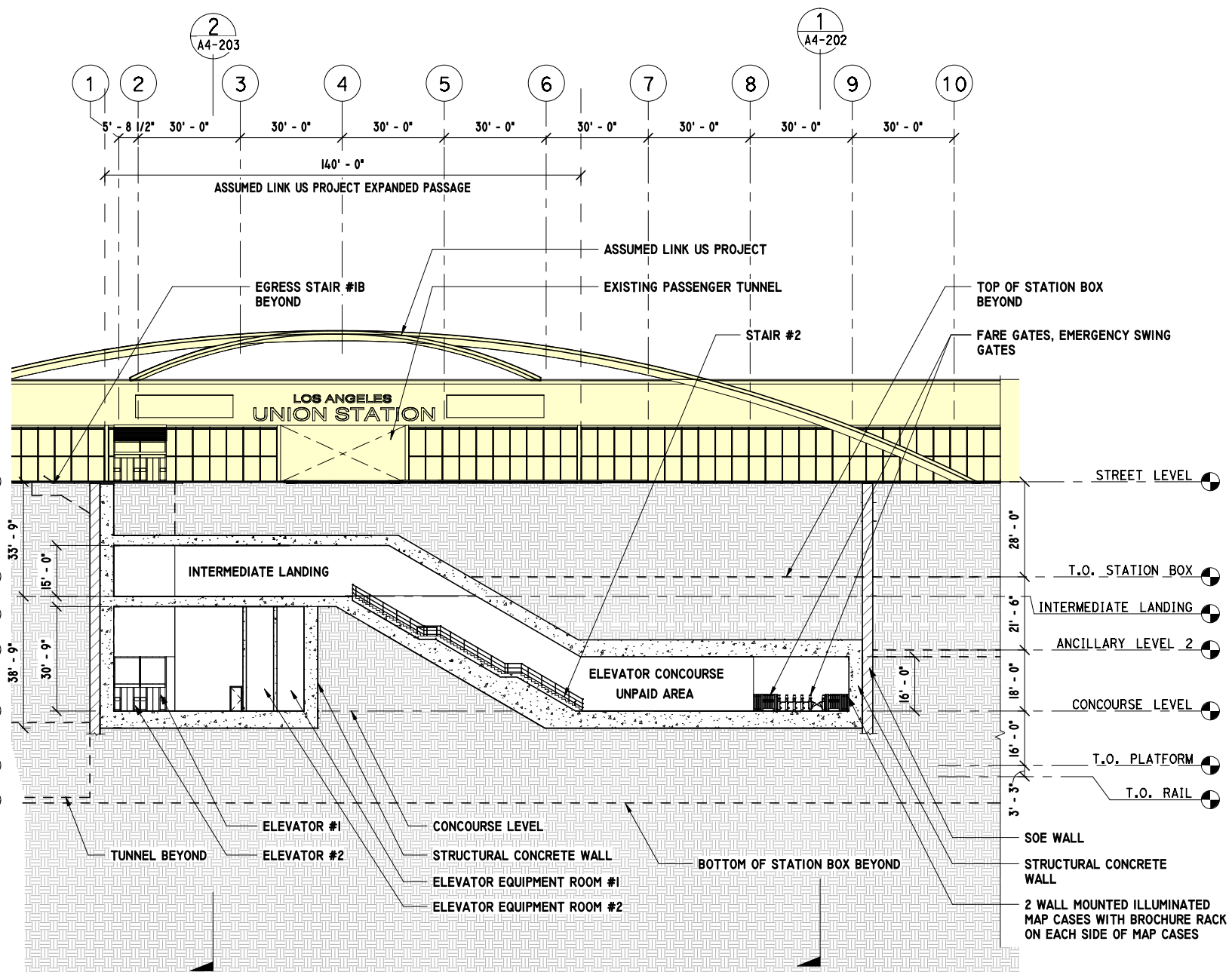
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LONGITUDINAL SECTION 2
 3/64" = 1'-0"
A4-201

LEGEND:

ASSUMED LINK US PROJECT
 - SEE NOTE



LONGITUDINAL SECTION 1
 3/64" = 1'-0"
A4-201

NOTE

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FINAL ADVANCED CONCEPTUAL STATIONS DESIGN

NOT FOR CONSTRUCTION

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REV	DATE	BY	APP	REG. NO.	EXPIRES	SEAL HOLDER	DESCRIPTION

DESIGNED BY
J. HUANG
 DRAWN BY
A. NAPOLES
 CHECKED BY
S. MATHEWS
 IN CHARGE
N. MAACK
 DATE
5/27/2020

WORK OF CONTRACT AE59600

M Metro
 LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY

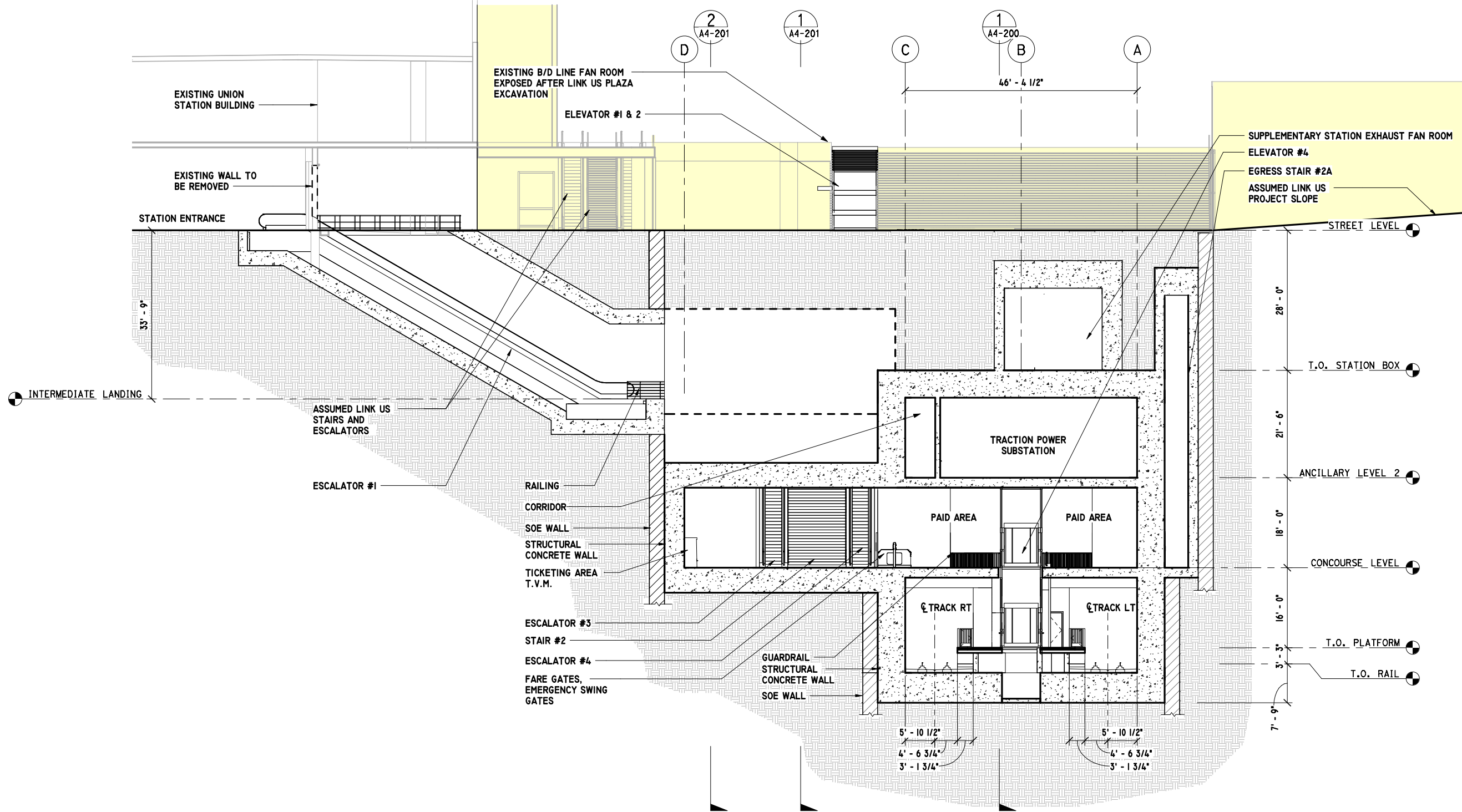
wsp 444 South Flower Street
 Suite 800
 Los Angeles, CA 90071
 TEL (213) 362-9470

SUBMITTED _____
 APPROVED _____

WEST SANTA ANA BRANCH LRT
 ARCHITECTURAL
 UNION STATION MWD (ALT 1B)
 LONGITUDINAL SECTIONS
 UNDERGROUND STATION

CONTRACT NO. AE5999300
DRAWING NO. A4-201
SCALE 3/64" = 1'-0"
SHEET NO. 36 OF 100

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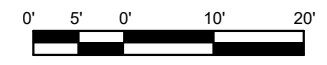
TRANSVERSE SECTION
 3/32" = 1'-0"
 1
 A4-202

LEGEND:

- ASSUMED LINK US PROJECT - SEE NOTE
- EXISTING WALL TO BE REMOVED

NOTE

COORDINATION OF LINK US PROJECT ELEMENTS WERE BASED ON A PROJECT VIDEO [HTTPS://WWW.YOUTUBE.COM/WATCH?V=ELPENCYIWL&FEATURE=YOUYTU.BE](https://www.youtube.com/watch?v=ELPENCYIWL&feature=youtu.be) SENT BY METRO ON 11/21/2019. THE EXACT LOCATION OF LINK US'S 140' EXPANDED PASSAGEWAY ELEMENTS (HIGHLIGHTED IN YELLOW) MAY VARY DUE TO APPROXIMATION OF MAJOR ELEMENTS FROM THE VIDEO. CURRENT WSAB DESIGN AVOIDS BOTH EXISTING UNION STATION AND LINK US OBSTRUCTIONS AS MUCH AS POSSIBLE. ACTUAL LINK US PROJECT DRAWINGS WILL BE NEEDED TO VERIFY WSAB PROJECT IMPACTS IF ANY.

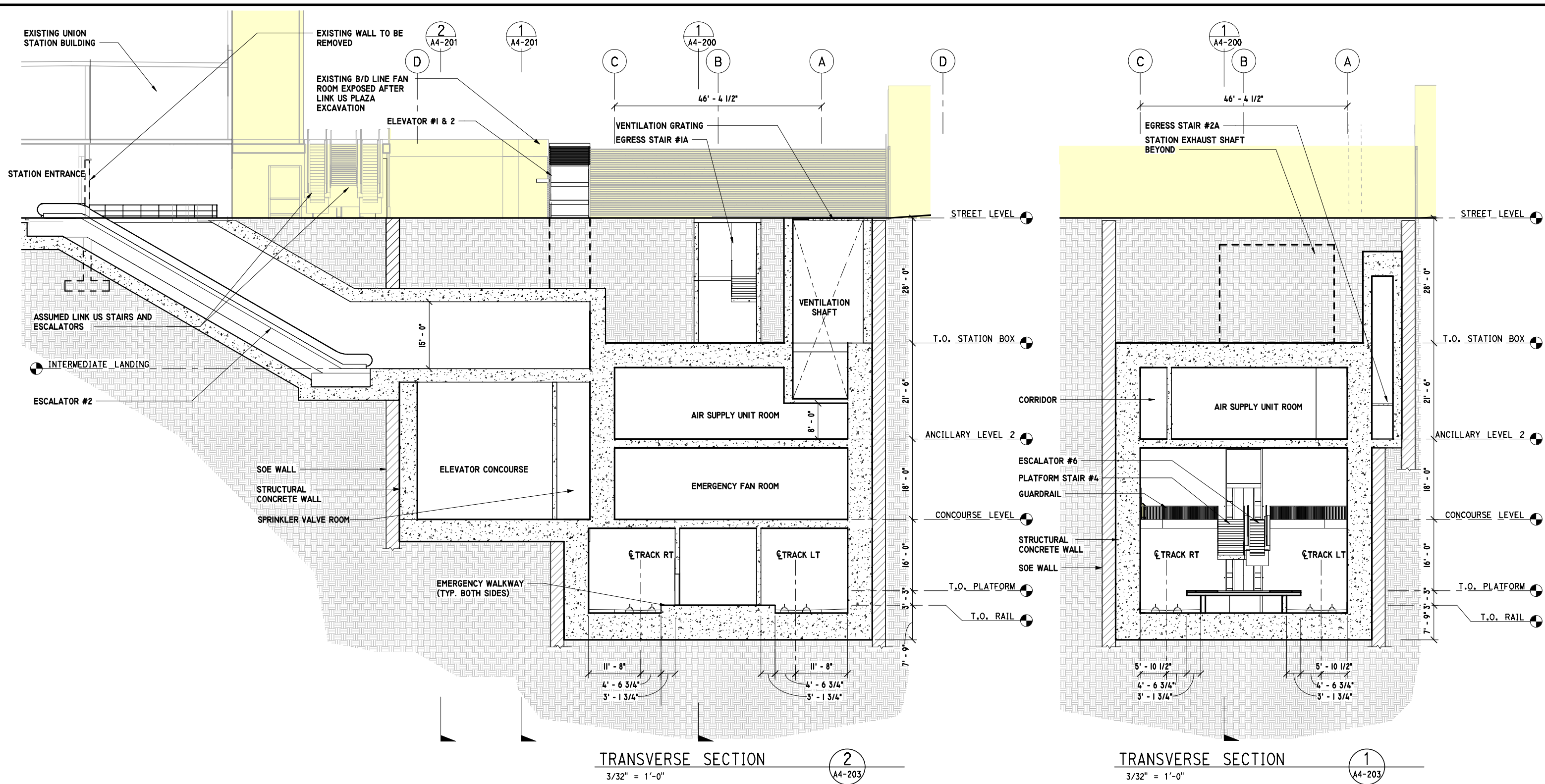


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REV	DATE	BY	APP	REG. NO.	EXPIRES	SEAL HOLDER	DESCRIPTION															

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LEGEND:

- ASSUMED LINK US PROJECT - SEE NOTE
- EXISTING WALL TO BE REMOVED

NOTE

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REV	DATE	BY	APP	REG. NO.	EXPIRES	SEAL HOLDER	DESCRIPTION

DESIGNED BY J. HUANG
DRAWN BY A. NAPOLES
CHECKED BY S. MATHEWS
IN CHARGE N. MAACK
DATE 5/27/2020

Metro
444 South Flower Street
Suite 800
Los Angeles, CA 90071
TEL (213) 362-9470

LOS ANGELES COUNTY
METROPOLITAN TRANSPORTATION AUTHORITY

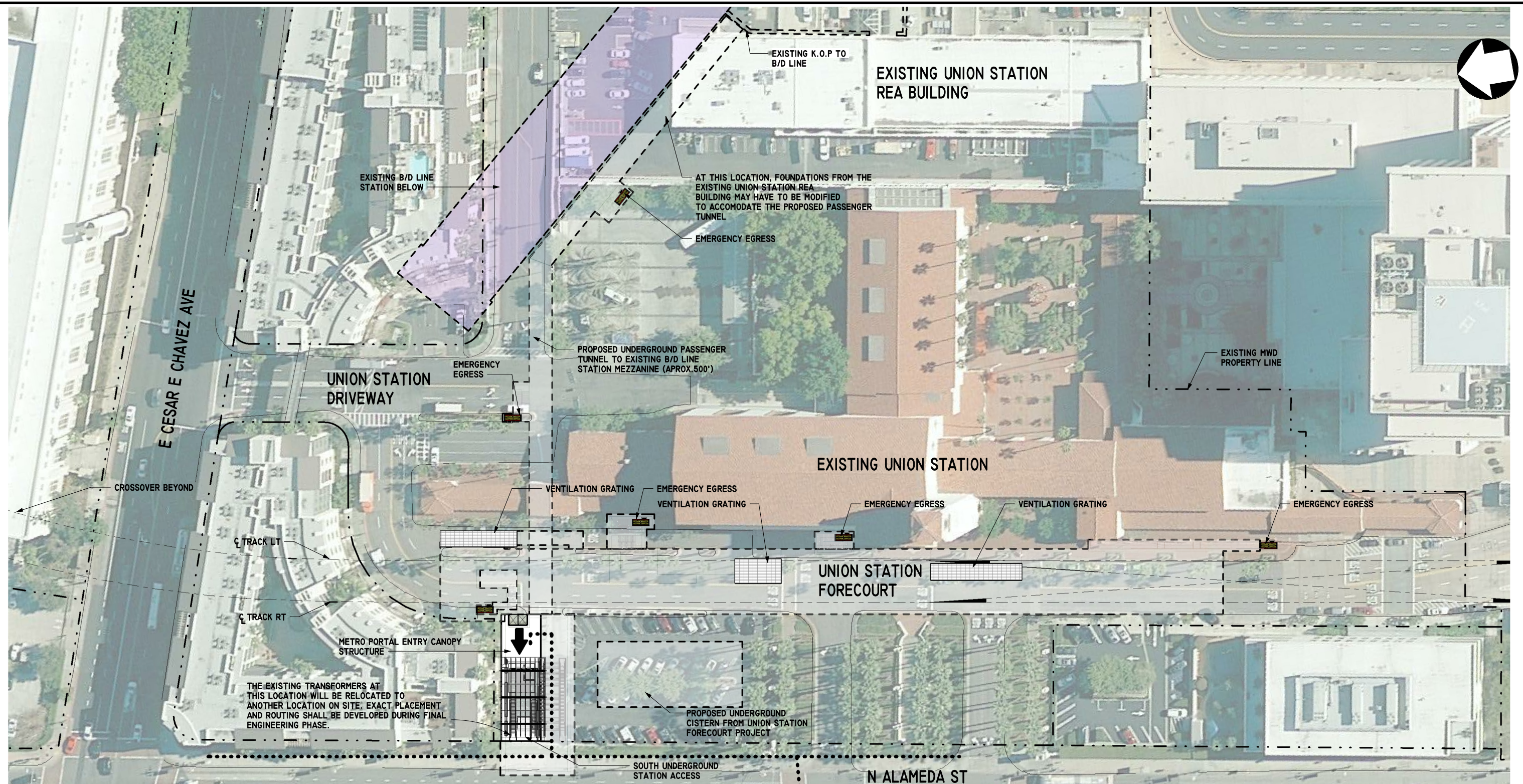
WSP

SUBMITTED _____
APPROVED _____

**WEST SANTA ANA BRANCH LRT
ARCHITECTURAL
UNION STATION MWD (ALT 1B)
TRANSVERSE SECTIONS
UNDERGROUND STATION**

CONTRACT NO. AE5999300
DRAWING NO. A4-203
SCALE 3/32" = 1'-0"
SHEET NO. 38 OF 100

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LEGEND:

..... ACCESSIBLE PATH OF TRAVEL TO STATION ACCESS

----- PROPERTY LINE

EXISTING B/D LINE

NOTES

1. STATION PARKING NOT PROVIDED.

2. STATION DESIGN DEPICTED WERE BASED ON LIMITED OWNER PROVIDED AS-BUILT INFORMATION AT THE TIME OF ISSUE. STATION DESIGN FOR THIS STATION IS CONCEPTUAL IN NATURE AND WILL REQUIRE ADDITIONAL SITE VERIFICATION AND AS-BUILT DRAWINGS TO CONFIRM FEASIBILITY.

3. ALL ROAD VENTILATION GRATINGS ARE HEAVY DUTY TRAFFIC RATED AND MOUNTED FLUSH TO ADJACENT ROAD SURFACE.

4. DUE TO CONSTRAINED PORTAL SIDE CONDITION, STAIR LANDINGS MAY HAVE LESS THAN MRDC REQUIRED QUEUING SPACE.

STREET LEVEL

1" = 40'-0"

1
A5-001

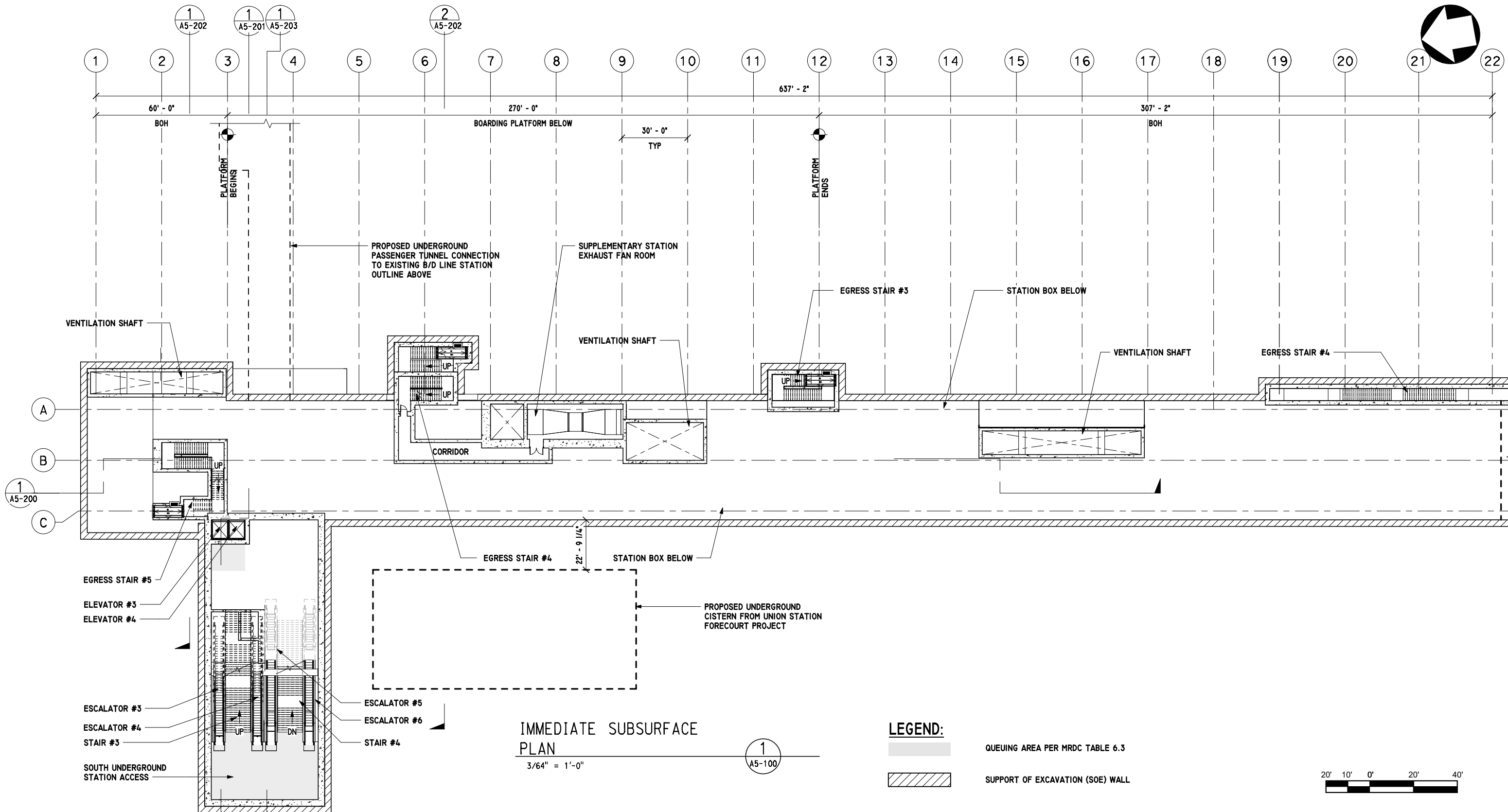
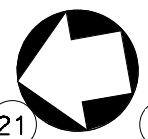
0' 40' 80'

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REV	DATE	BY	APP	REG. NO.	EXPIRES	SEAL HOLDER	DESCRIPTION							

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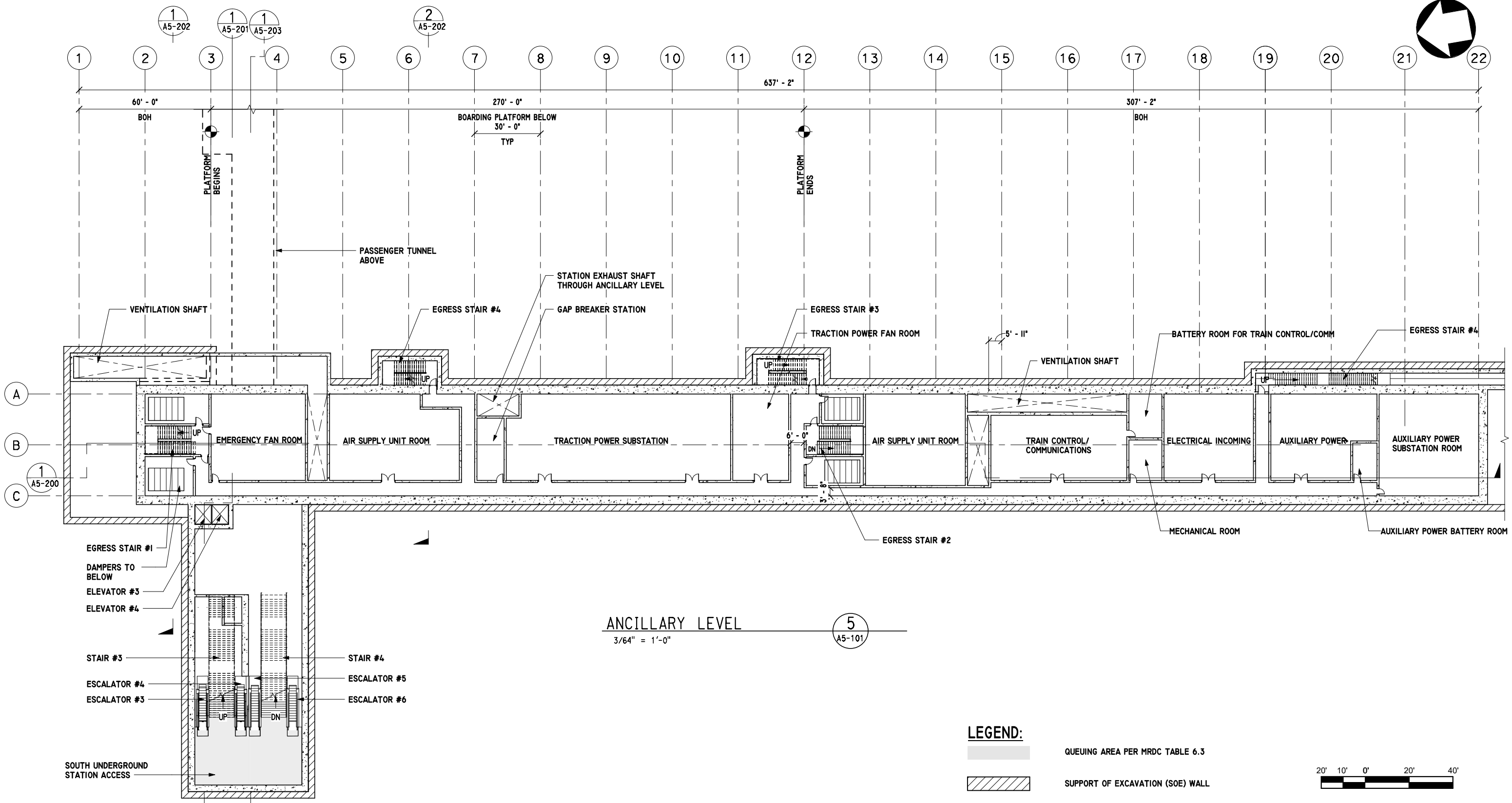
IMMEDIATE SUBSURFACE PLAN
 3/64" = 1'-0"
 1
 A5-100

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	DRAWN BY	S. PRUTHVISH			DRAWING NO.	A5-100					
REV	DATE	BY	APP	REG. NO.	EXPIRES	SEAL HOLDER	DESCRIPTION	CHECKED BY S. MATHEWS IN CHARGE N. MAACK DATE 5/27/2020	444 South Flower Street Suite 800 Los Angeles, CA 90071 TEL (213) 362-9470	SUBMITTED _____ APPROVED _____	SCALE 3/64" = 1'-0" SHEET NO. 40 OF 101

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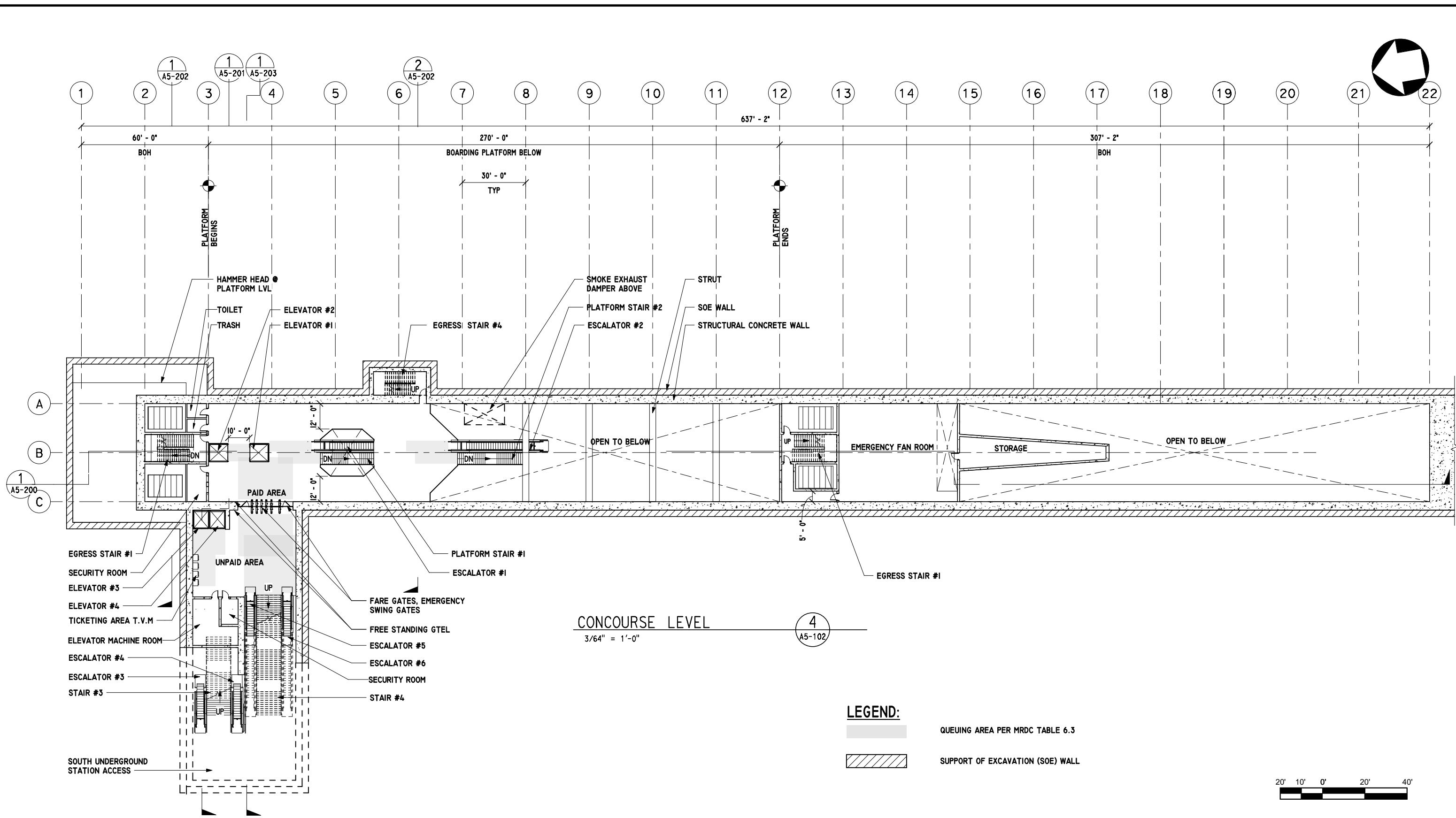
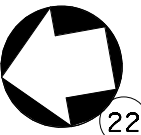


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	DRAWN BY S. PRUTHVISH			DRAWING NO. A5-101																
<table border="1"> <thead> <tr> <th>REV</th> <th>DATE</th> <th>BY</th> <th>APP</th> <th>REG. NO.</th> <th>EXPIRES</th> <th>SEAL HOLDER</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	REV	DATE	BY	APP	REG. NO.	EXPIRES	SEAL HOLDER	DESCRIPTION									CHECKED BY S. MATHEWS	444 South Flower Street Suite 800 Los Angeles, CA 90071 TEL (213) 362-9470	SUBMITTED _____ APPROVED _____	SCALE 3/64" = 1'-0" SHEET NO. 41 OF 101
REV	DATE	BY	APP	REG. NO.	EXPIRES	SEAL HOLDER	DESCRIPTION													
	IN CHARGE N. MAACK																			
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CONCOURSE LEVEL
3/64" = 1'-0"

- LEGEND:**
- QUEUING AREA PER MRDC TABLE 6.3
 - SUPPORT OF EXCAVATION (SOE) WALL



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DESIGNED BY J. HUANG
DRAWN BY S. PRUTHVISH
CHECKED BY S. MATHEWS
IN CHARGE N. MAACK
DATE 5/27/2020

LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY

444 South Flower Street
Suite 800
Los Angeles, CA 90071
TEL (213) 362-9470

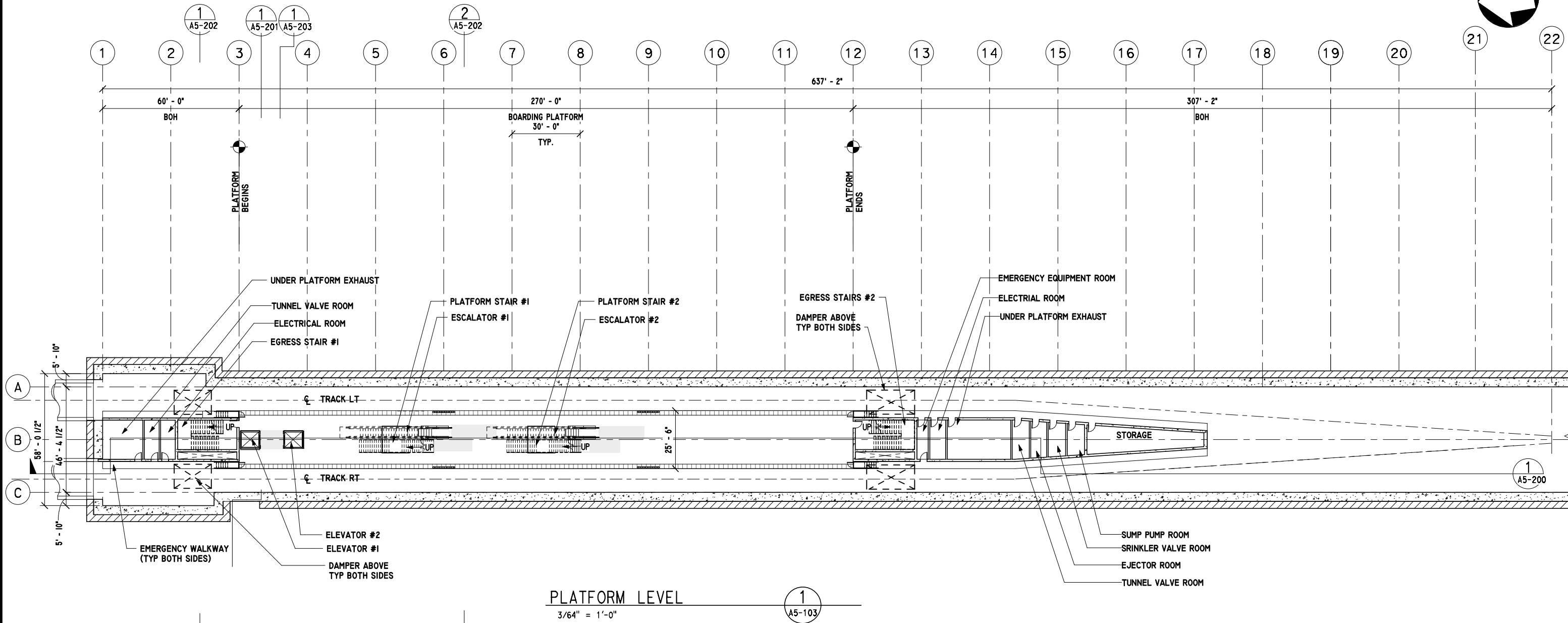
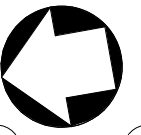
SUBMITTED _____

APPROVED _____

WEST SANTA ANA BRANCH LRT ARCHITECTURAL UNION STATION FORECOURT (ALT 1A) CONCOURSE LEVEL PLAN UNDERGROUND STATION PLAN

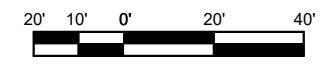
CONTRACT NO. AE5999300
DRAWING NO. A5-102
SCALE 3/64" = 1'-0"
SHEET NO. 42 OF 101

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LEGEND:

- QUEUING AREA PER MRDC TABLE 6.3
- SUPPORT OF EXCAVATION (SOE) WALL



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REV	DATE	BY	APP	REG. NO.	EXPIRES	SEAL HOLDER	DESCRIPTION

DESIGNED BY J. HUANG
DRAWN BY S. PRUTHVISH
CHECKED BY S. MATHEWS
IN CHARGE N. MAACK
DATE 5/27/2020

LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY

444 South Flower Street
Suite 800
Los Angeles, CA 90071
TEL (213) 362-9470

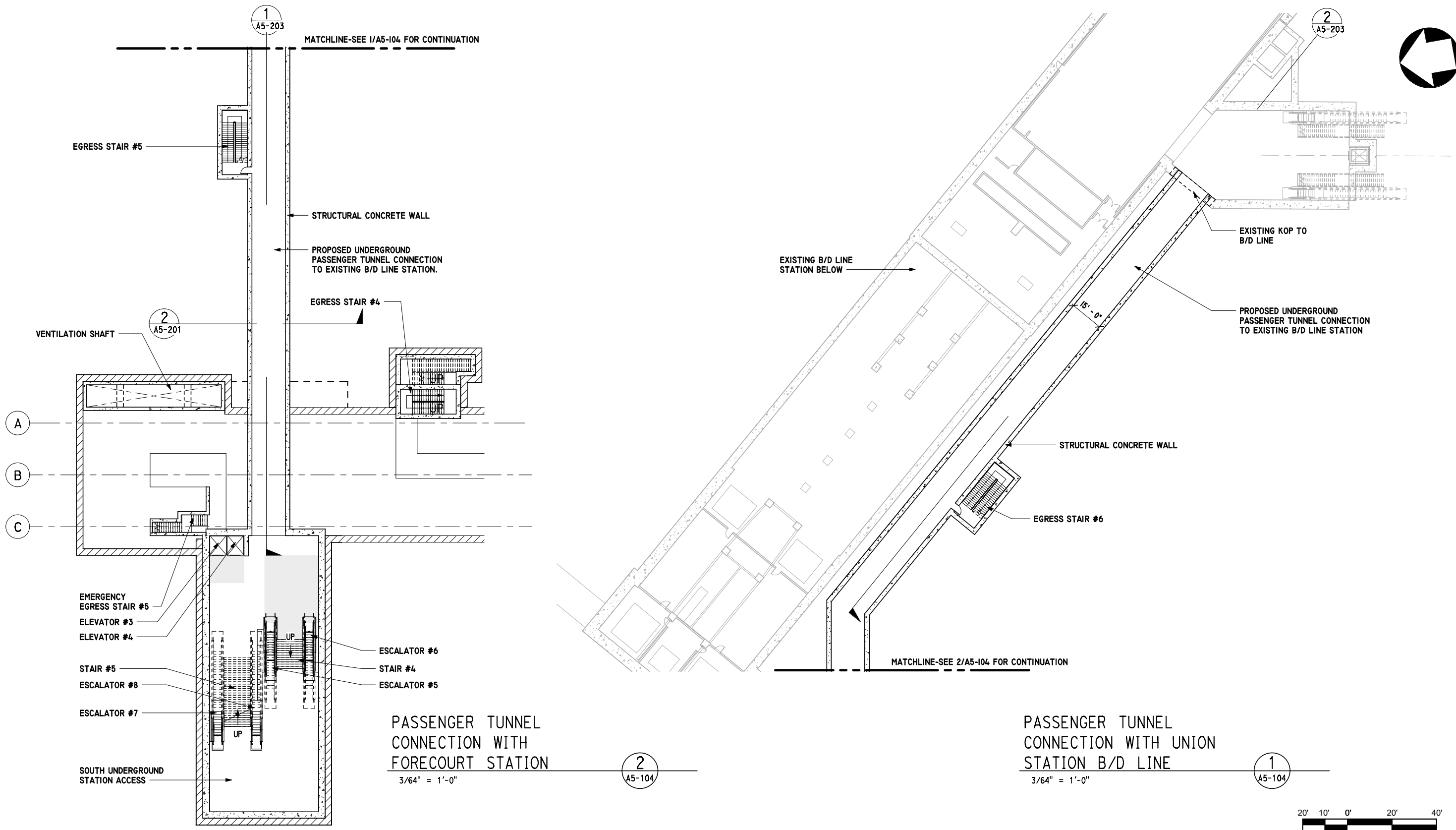
SUBMITTED _____

APPROVED _____

WEST SANTA ANA BRANCH LRT ARCHITECTURAL UNION STATION FORECOURT (ALT 1A) PLATFORM LEVEL PLAN UNDERGROUND STATION PLAN

CONTRACT NO. AE5999300
DRAWING NO. A5-103
SCALE 3/64" = 1'-0"
SHEET NO. 43 OF 101

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REV	DATE	BY	APP	REG. NO.	EXPIRES	SEAL HOLDER

DESIGNED BY J. HUANG
DRAWN BY S. PRUTHVISH
CHECKED BY S. MATHEWS
IN CHARGE N. MAACK
DATE 5/27/2020

M Metro
 LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY

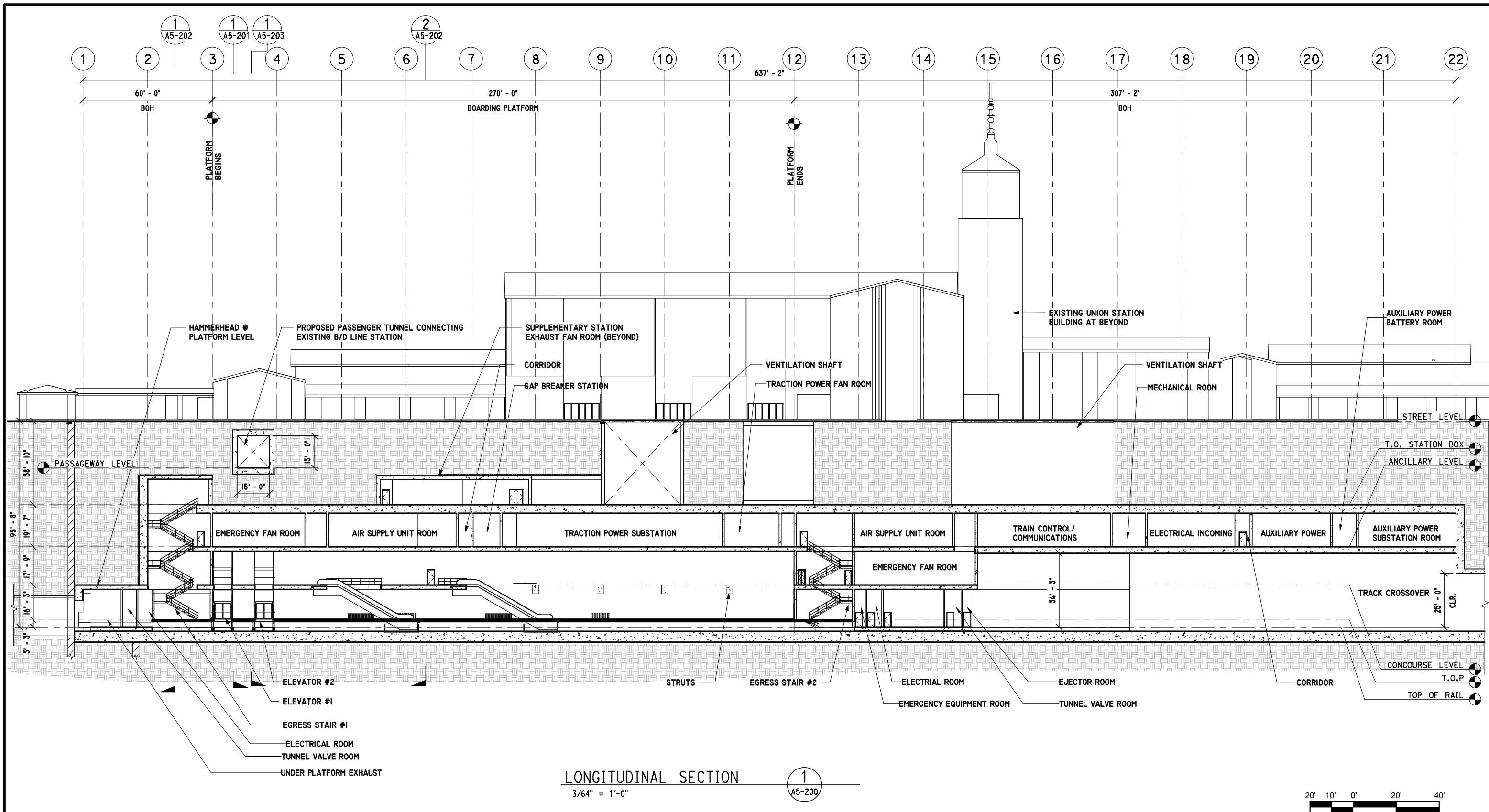
wsp 444 South Flower Street
 Suite 800
 Los Angeles, CA 90071
 TEL (213) 362-9470

SUBMITTED _____
 APPROVED _____

WEST SANTA ANA BRANCH LRT ARCHITECTURAL UNION STATION FORECOURT (ALT 1A) PASSENGER TUNNEL PLANS UNDERGROUND STATION

CONTRACT NO. AE5999300
DRAWING NO. A5-104
SCALE 3/64" = 1'-0"
SHEET NO. 44 OF 101

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FINAL ADVANCED CONCEPTUAL STATIONS DESIGN

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REV	DATE	BY	APP	REG. NO.	EXPIRES	SEAL HOLDER	DESCRIPTION

DESIGNED BY
J. HUANG

DRAWN BY
S. PRUTHVISH

CHECKED BY
S. MATHEWS

IN CHARGE
N. MAACK

DATE
5/27/2020

M Metro

LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY

wsp 444 South Flower Street
Suite 800
Los Angeles, CA 90071
TEL (213) 362-9470

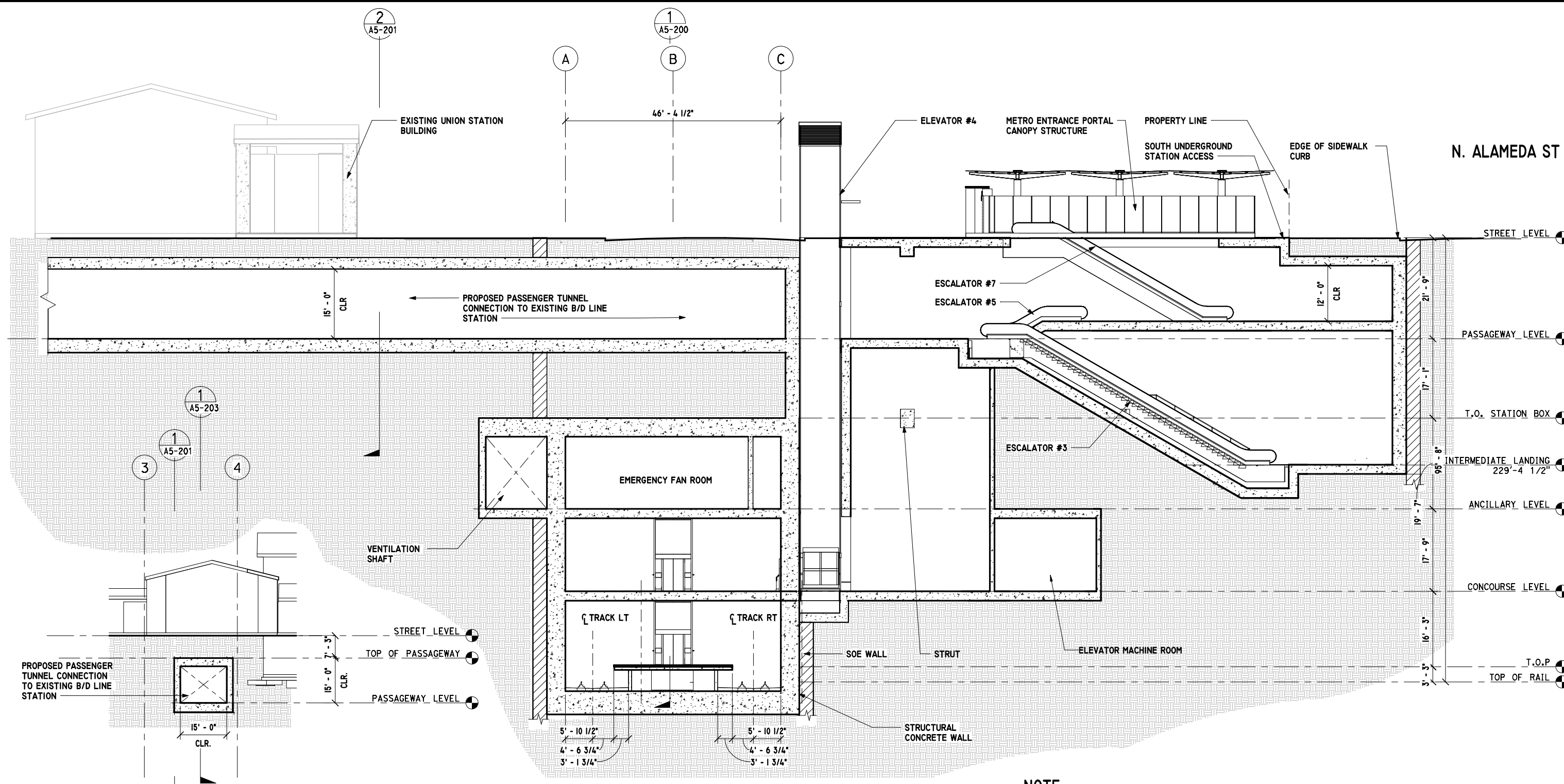
SUBMITTED _____

APPROVED _____

WEST SANTA ANA BRANCH LRT
ARCHITECTURAL
UNION STATION FORECOURT (ALT 1A)
LONGITUDINAL SECTION
UNDERGROUND STATION

CONTRACT NO.	AE5999300
DRAWING NO.	A5-200
SCALE	3/64" = 1'-0"
SHEET NO.	45 OF 101

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PEDESTRIAN TUNNEL-
TRANSVERSE SECTION
1/16" = 1'-0"

TRANSVERSE SECTION
3/32" = 1'-0"

NOTE:
 1. THE LANDINGS AT INTERMEDIATE, CONCOURSE AND PASSAGEWAY LEVELS ARE LESS THAN MRDC QUEUING REQUIREMENTS. THIS DEVIATION IS A RESULT OF AVAILABLE SPACE FROM ADJACENT UNION STATION FORECOURT PROJECT IN THE EAST/WEST DIRECTION AND LIMITED BY REMAINING SPACE BETWEEN ALAMEDA AND WSAB STATION IN THE NORTH/SOUTH DIRECTION. THE TWO PROJECTS CAN BE BETTER INTEGRATED IN THE NEXT PHASE BY THE PE DESIGNER.
 2. DUE TO CONSTRAINED PORTAL SIDE CONDITION, STAIR LANDINGS MAY HAVE LESS THAN MRDC REQUIRED QUEUING SPACE.

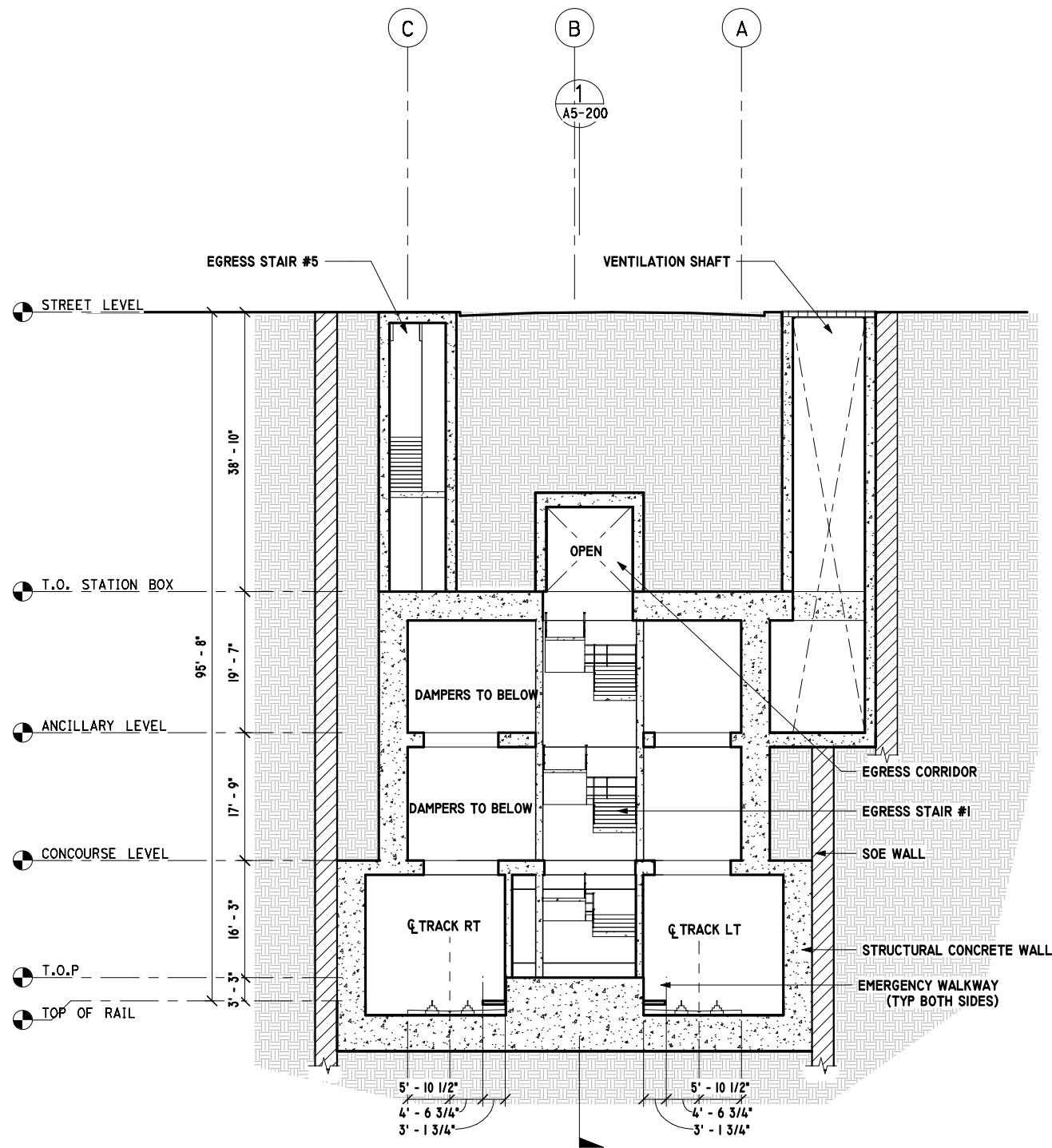


FINAL ADVANCED CONCEPTUAL STATIONS DESIGN

NOT FOR CONSTRUCTION

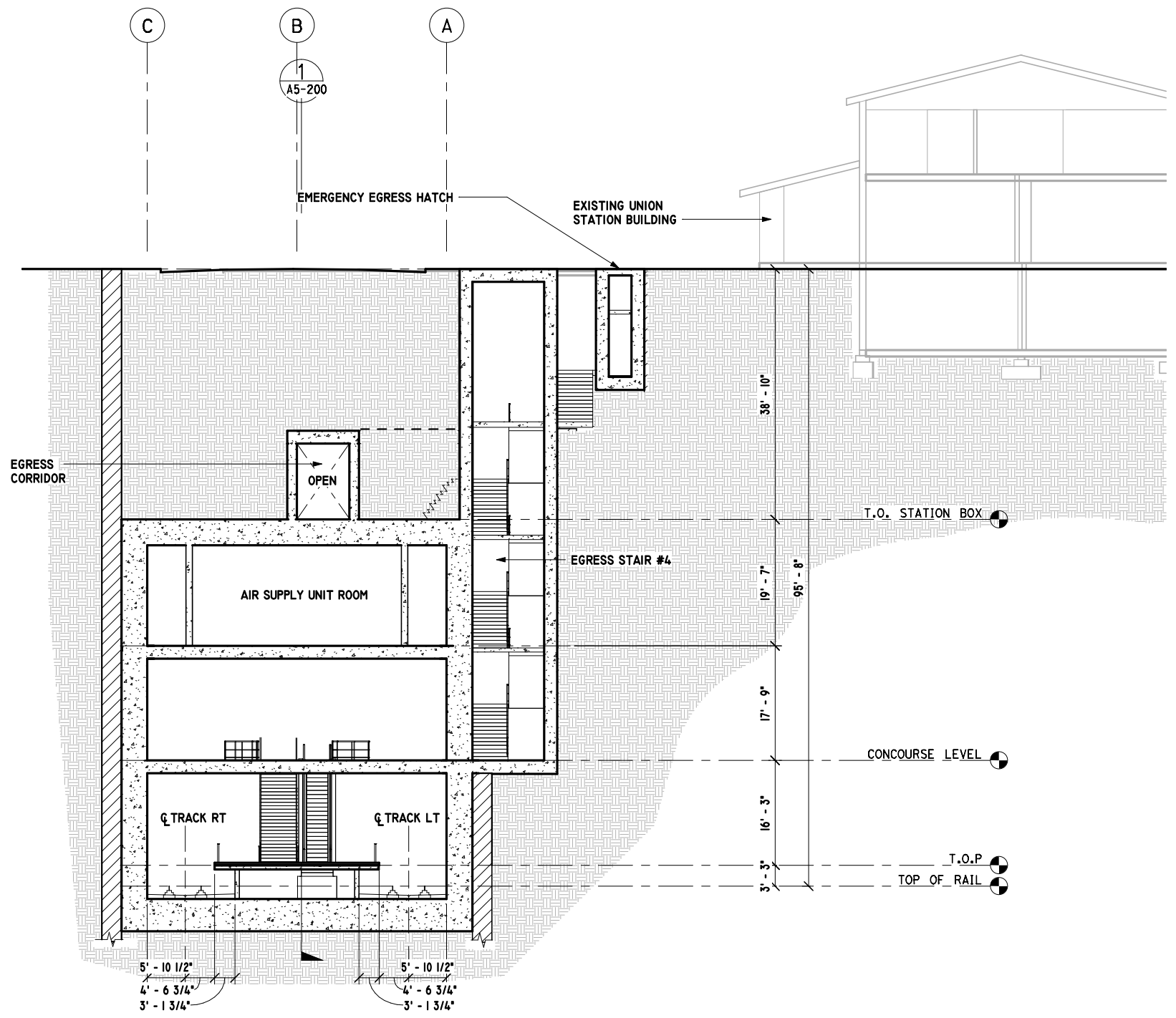
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	DRAWN BY	S. PRUTHVISH			DRAWING NO.	A5-201	REV
	CHECKED BY	S. MATHEWS	444 South Flower Street Suite 800 Los Angeles, CA 90071 TEL (213) 362-9470	SUBMITTED _____ APPROVED _____	SCALE	AS INDICATED	
	IN CHARGE	N. MAACK			SHEET NO.	46 OF 101	
	DATE	5/27/2020					
REV	DATE	BY	APP	REG. NO.	EXPIRES	SEAL HOLDER	DESCRIPTION

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TRANSVERSE SECTION 1
3/32" = 1'-0"

1
A5-202



TRANSVERSE SECTION 2
3/32" = 1'-0"

2
A5-202



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REV	DATE	BY	APP	REG. NO.	EXPIRES	SEAL HOLDER	DESCRIPTION

DESIGNED BY
J. HUANG
DRAWN BY
S. PRUTHVISH
CHECKED BY
S. MATHEWS
IN CHARGE
N. MAACK
DATE
5/27/2020



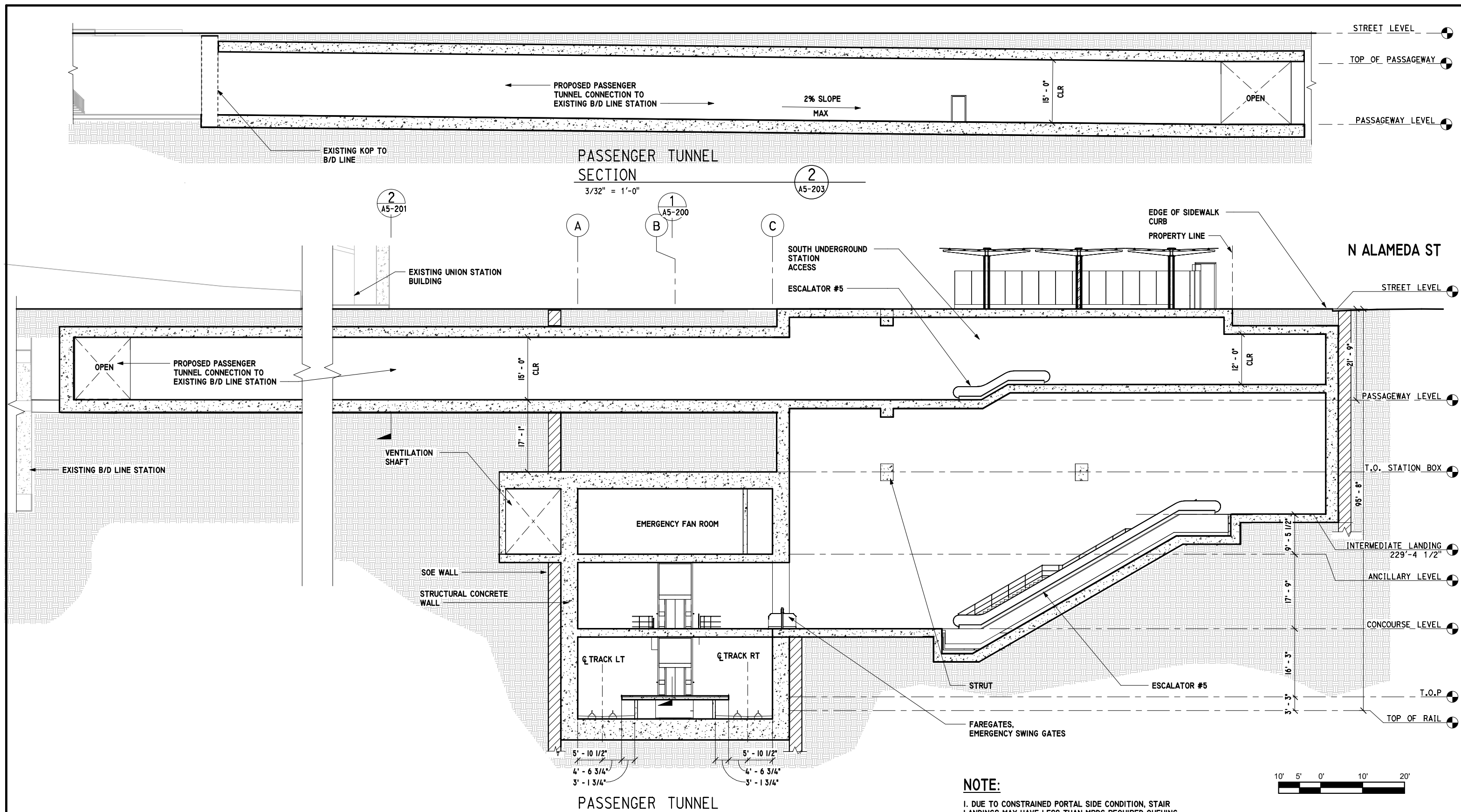
LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY

444 South Flower Street
Suite 800
Los Angeles, CA 90071
TEL (213) 362-9470

SUBMITTED _____
APPROVED _____

WEST SANTA ANA BRANCH LRT
ARCHITECTURAL
UNION STATION FORECOURT (ALT 1A)
TRANSVERSE SECTION
UNDERGROUND STATION

CONTRACT NO. AE5999300
DRAWING NO. A5-202
SCALE 3/32" = 1'-0"
SHEET NO. 47 OF 101



FINAL ADVANCED CONCEPTUAL STATIONS DESIGN

REV	DATE	BY	APP	REG. NO.	EXPIRES	SEAL HOLDER	DESCRIPTION

DESIGNED BY
J. HUANG
DRAWN BY
S. PRUTHIVISH
CHECKED BY
S. MATHEWS
IN CHARGE
N. MAACK
DATE
5/27/2020

Metro
LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY

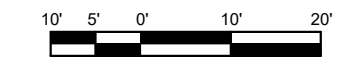
wsp 444 South Flower Street
Suite 800
Los Angeles, CA 90071
TEL (213) 362-9470

SUBMITTED _____
APPROVED _____

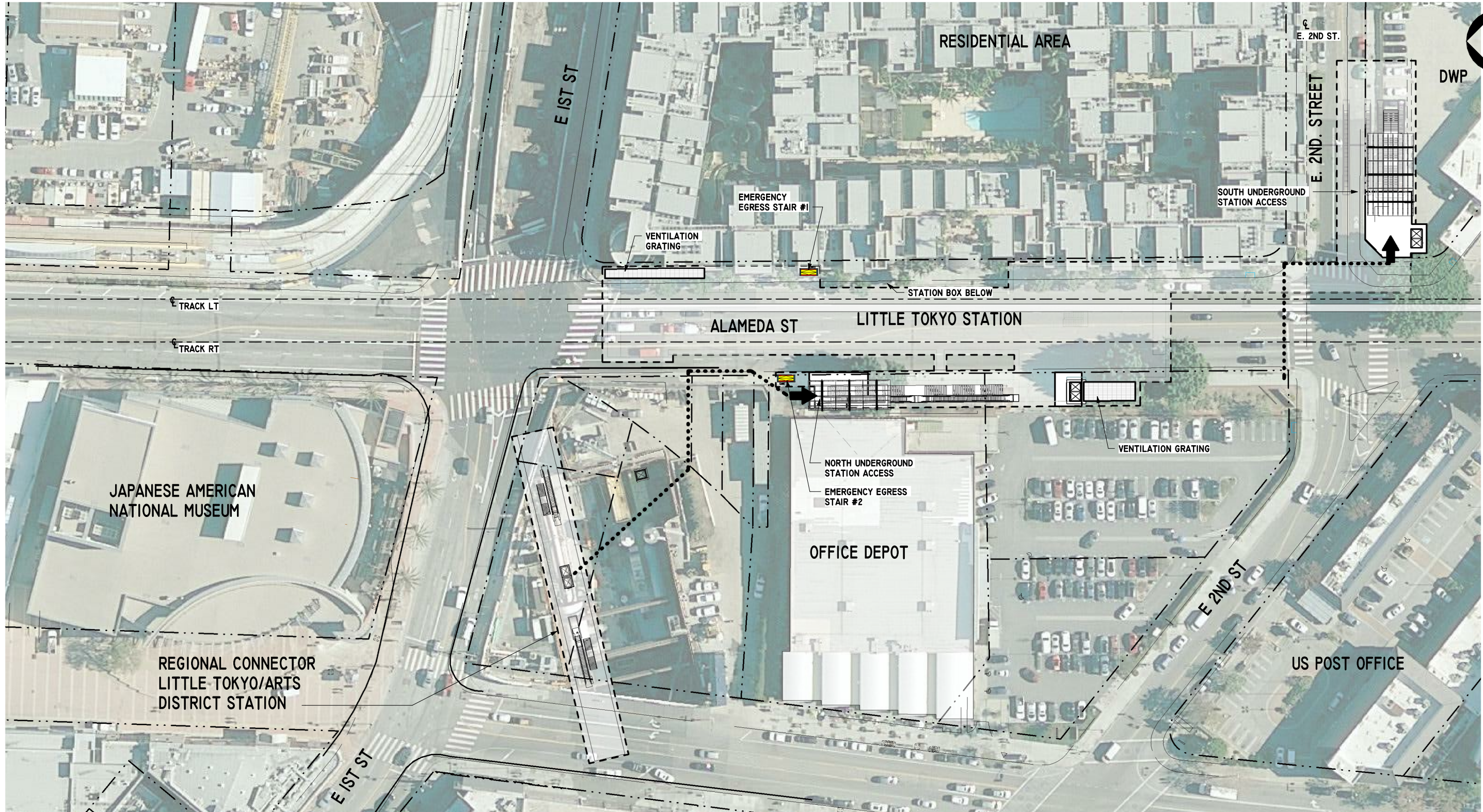
WEST SANTA ANA BRANCH LRT ARCHITECTURAL UNION STATION FORECOURT (ALT 1A) PASSENGER TUNNEL SECTIONS UNDERGROUND STATION

CONTRACT NO. AE5999300
DRAWING NO. A5-203
SCALE 3/32" = 1'-0"
SHEET NO. 48 OF 101

NOTE:
I. DUE TO CONSTRAINED PORTAL SIDE CONDITION, STAIR LANDINGS MAY HAVE LESS THAN MRDC REQUIRED QUEUING SPACE.



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LEGEND:

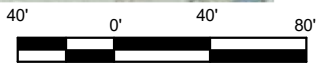
- ACCESSIBLE PATH OF TRAVEL TO STATION ACCESS
- - - - - PROPERTY LINE

NOTES

1. DUE TO EXISTING SITE CONSTRAINTS OF THE NORTH PORTAL, DEVIATIONS FROM MRDC WERE REQUIRED FOR UNDER GROUND ACCESS AT THIS LOCATION.
2. STATION PARKING NOT PROVIDED.
3. REGIONAL CONNECTOR TRACKS NOT SHOWN FOR CLARITY. THEY CROSS ABOVE WSAB TRACKS NORTH OF THE STATION.
4. ALL VENTILATION GRATING FLUSHED WITH SIDEWALK.

STREET LEVEL
1" = 40'-0"

1
6-001

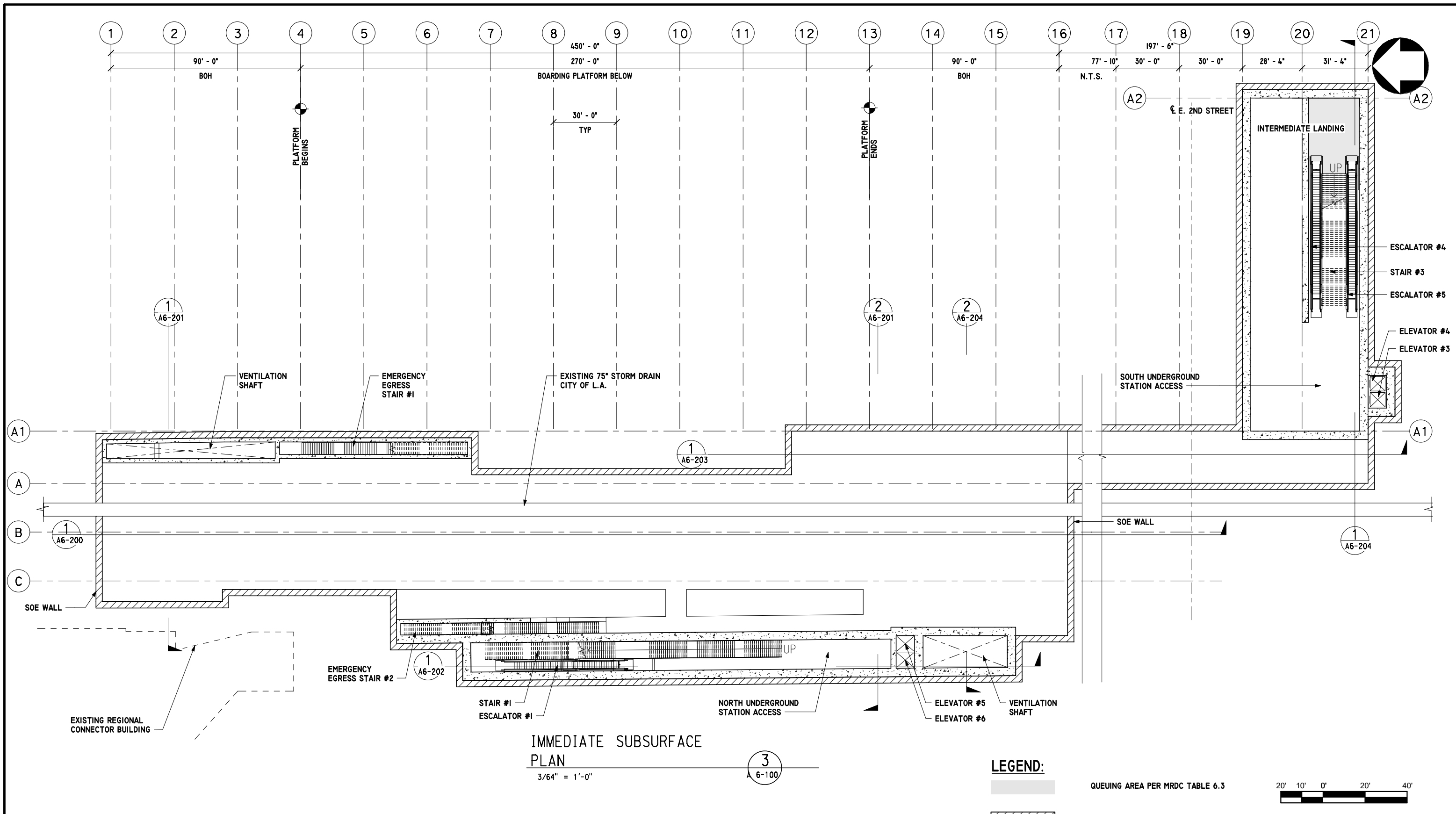


FINAL ADVANCED CONCEPTUAL STATIONS DESIGN

NOT FOR CONSTRUCTION

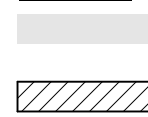
THE PREPARATION OF THIS DRAWING HAS BEEN FINANCED IN PART THROUGH A GRANT FROM THE U.S. DEPARTMENT OF TRANSPORTATION FEDERAL TRANSIT ADMINISTRATION (FTA), UNDER THE FEDERAL TRANSIT ACT OF 1964, AS AMENDED, AND IN PART BY THE TAXES OF THE CITIZENS OF LOS ANGELES COUNTY AND OF THE STATE OF CALIFORNIA.							DESIGNED BY J. HUANG DRAWN BY S. PRUTHVISH CHECKED BY S. MATHEWS IN CHARGE N. MAACK DATE 5/27/2020		LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY 444 South Flower Street Suite 800 Los Angeles, CA 90071 TEL (213) 362-9470		WEST SANTA ANA BRANCH LRT ARCHITECTURAL LITTLE TOKYO STATION STATION SITE PLAN UNDERGROUND STATION		CONTRACT NO. AE5999300 DRAWING NO. A6-001 SCALE 1" = 40'-0" SHEET NO. 49 of 100	
REV	DATE	BY	APP	REG. NO.	EXPIRES	SEAL HOLDER	WORK OF CONTRACT AE59600		SUBMITTED _____		APPROVED _____			
							DESCRIPTION							

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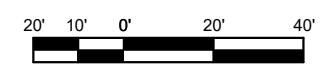


IMMEDIATE SUBSURFACE PLAN
 3/64" = 1'-0"

LEGEND:



QUEUEING AREA PER MRDC TABLE 6.3
 SUPPORT OF EXCAVATION (SOE) WALL

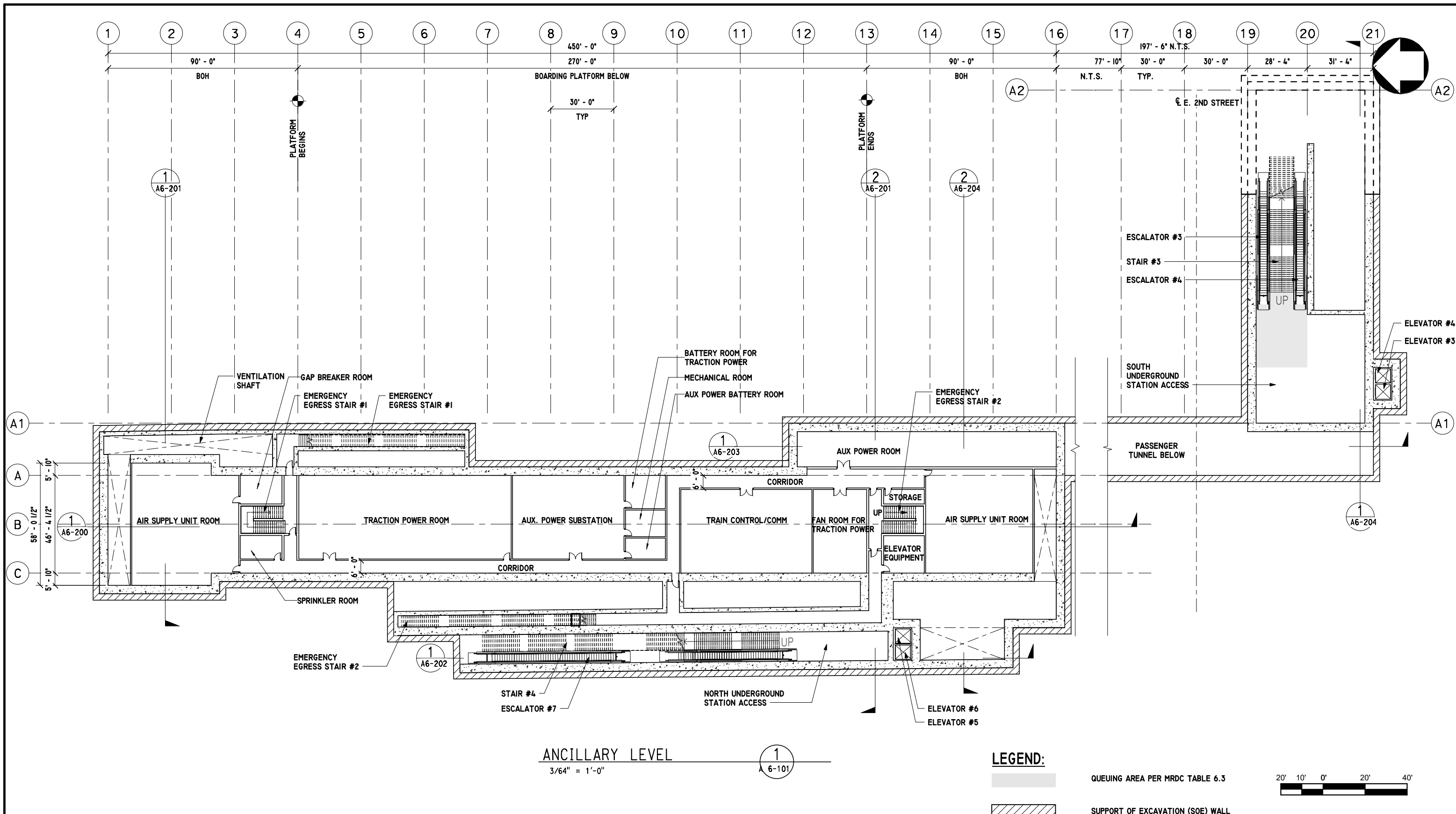


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REV	DATE	BY	APP	REG. NO.	EXPIRES	SEAL HOLDER	DESCRIPTION				

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REV	DATE	BY	APP	REG. NO.	EXPIRES	SEAL HOLDER	DESCRIPTION

DESIGNED BY
J. HUANG
DRAWN BY
S. PRUTHVISH
CHECKED BY
S. MATHEWS
IN CHARGE
N. MAACK
DATE
5/27/2020

M Metro
wsp

444 South Flower Street
Suite 800
Los Angeles, CA 90071
TEL (213) 362-9470

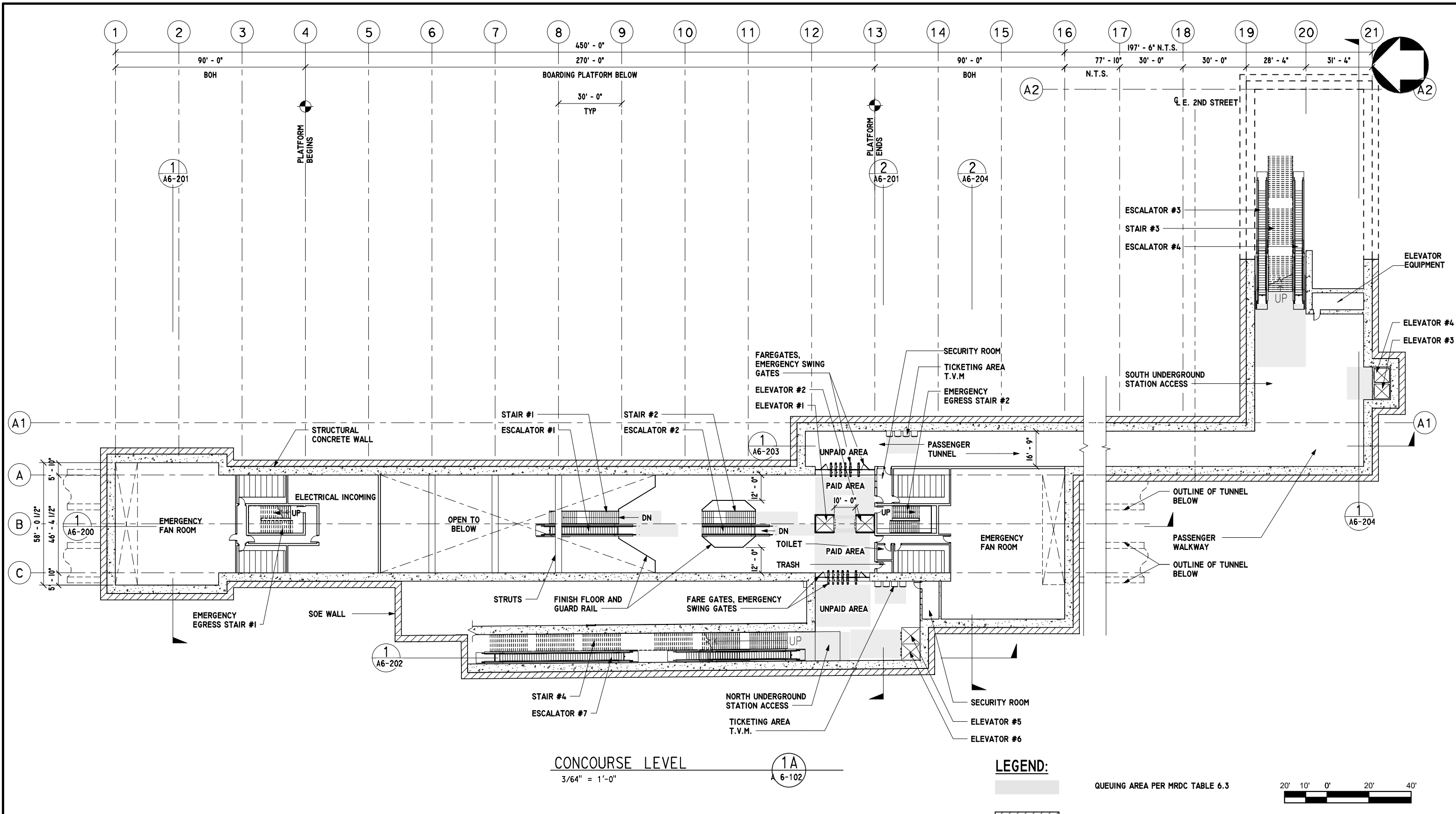
LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY

SUBMITTED _____
APPROVED _____

WEST SANTA ANA BRANCH LRT
ARCHITECTURAL
LITTLE TOKYO STATION
ANCILLARY LEVEL PLAN
UNDERGROUND STATION

CONTRACT NO. AE5999300
DRAWING NO. A6-101
SCALE 3/64" = 1'-0"
SHEET NO. 51 of 100

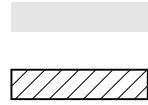
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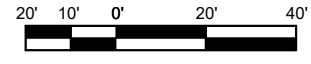
CONCOURSE LEVEL
3/64" = 1'-0"

1A
6-102

LEGEND:



QUEUEING AREA PER MRDC TABLE 6.3
SUPPORT OF EXCAVATION (SOE) WALL

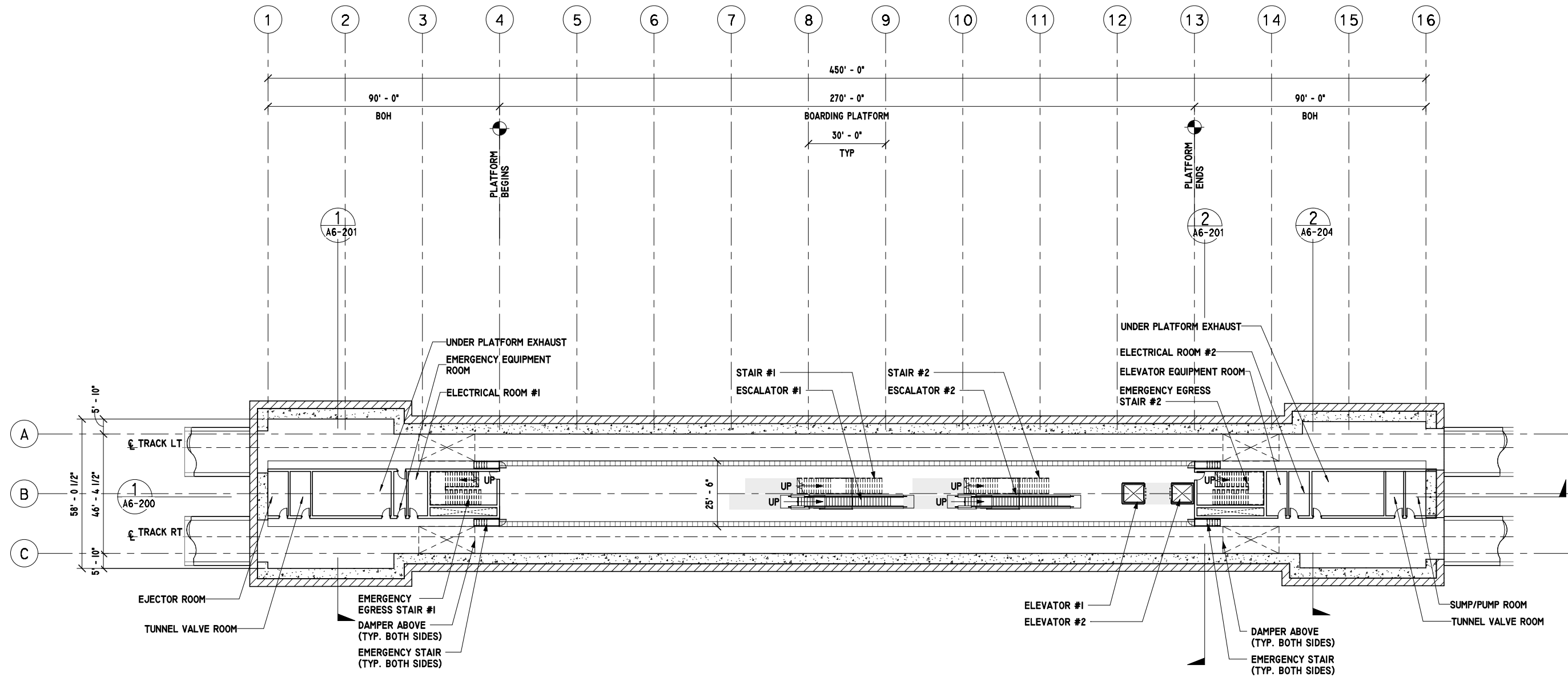


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REV	DATE	BY	APP	REG. NO.	EXPIRES	SEAL HOLDER	WORK OF CONTRACT AE59600 DESCRIPTION		444 South Flower Street Suite 800 Los Angeles, CA 90071 TEL (213) 362-9470		SUBMITTED _____ APPROVED _____		WEST SANTA ANA BRANCH LRT ARCHITECTURAL LITTLE TOKYO STATION CONCOURSE LEVEL PLAN UNDERGROUND STATION PLAN	

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LEGEND:

- QUEUING AREA PER MRDC TABLE 6.3
- SUPPORT OF EXCAVATION (SOE) WALL



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REV	DATE	BY	APP	REG. NO.	EXPIRES	SEAL HOLDER	DESCRIPTION

DESIGNED BY J. HUANG
DRAWN BY S. PRUTHIVISH
CHECKED BY S. MATHEWS
IN CHARGE N. MAACK
DATE 5/27/2020

LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY

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Los Angeles, CA 90071
TEL (213) 362-9470

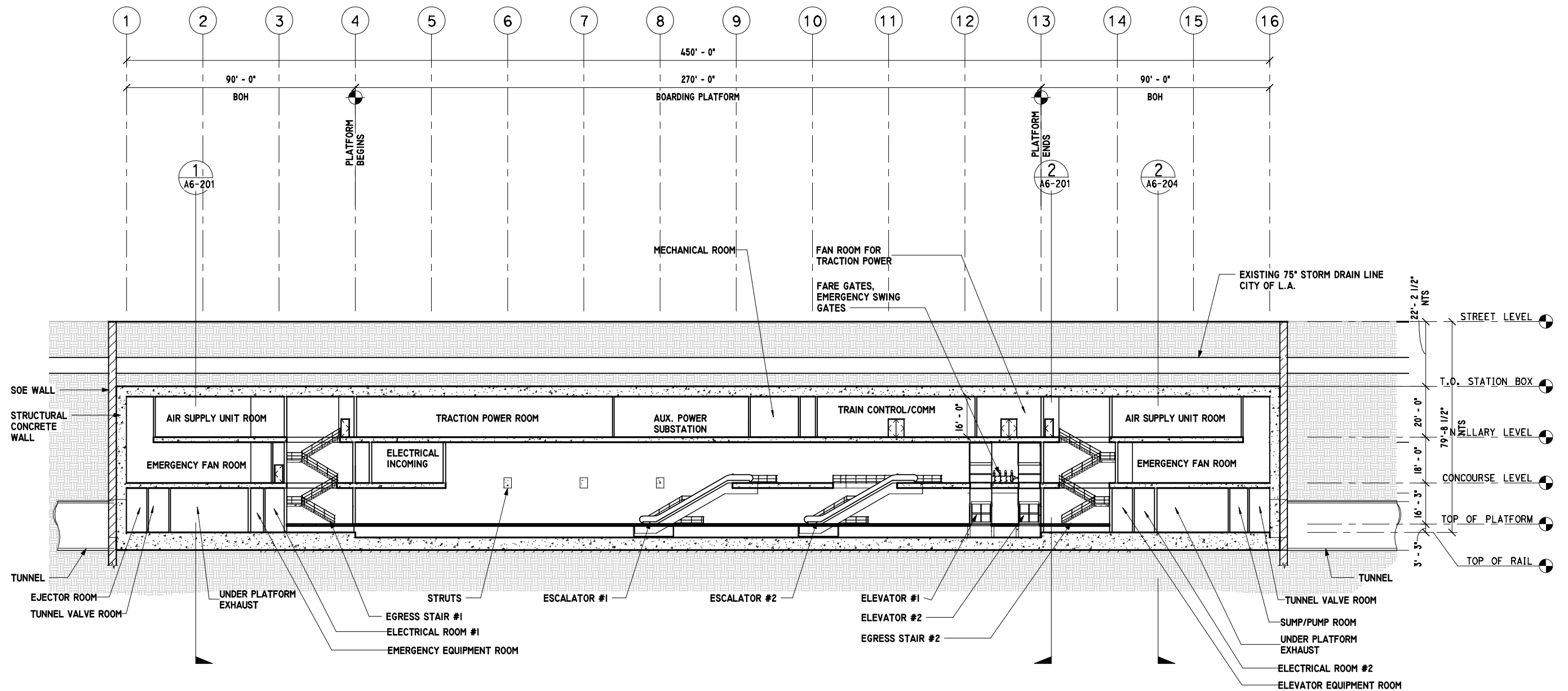
SUBMITTED	_____
APPROVED	_____

WEST SANTA ANA BRANCH LRT ARCHITECTURAL

LITTLE TOKYO STATION PLATFORM LEVEL PLAN UNDERGROUND STATION

CONTRACT NO. AE5999300	
DRAWING NO. A6-103	REV
SCALE 3/64" = 1'-0"	
SHEET NO. 53 OF 100	

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LONGITUDINAL SECTION 1
 3/64" = 1'-0" A 6-200



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REV	DATE	BY	APP	REG. NO.	EXPIRES	SEAL HOLDER	DESCRIPTION

DESIGNED BY J. HUANG
DRAWN BY S. PRUTHVISH
CHECKED BY S. MATHEWS
IN CHARGE N. MAACK
DATE 5/27/2020

M Metro
 LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY

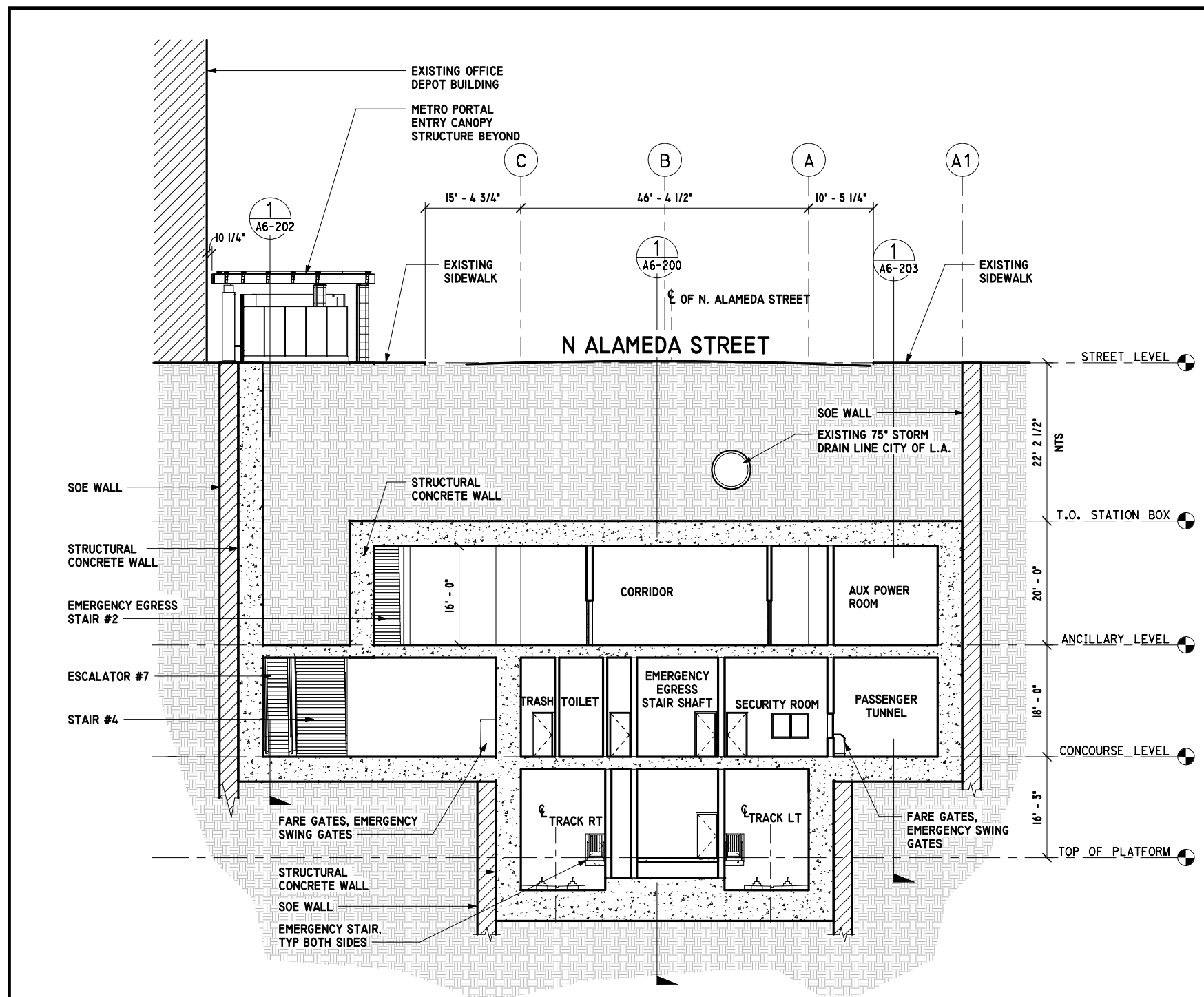
wsp 444 South Flower Street
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 Los Angeles, CA 90071
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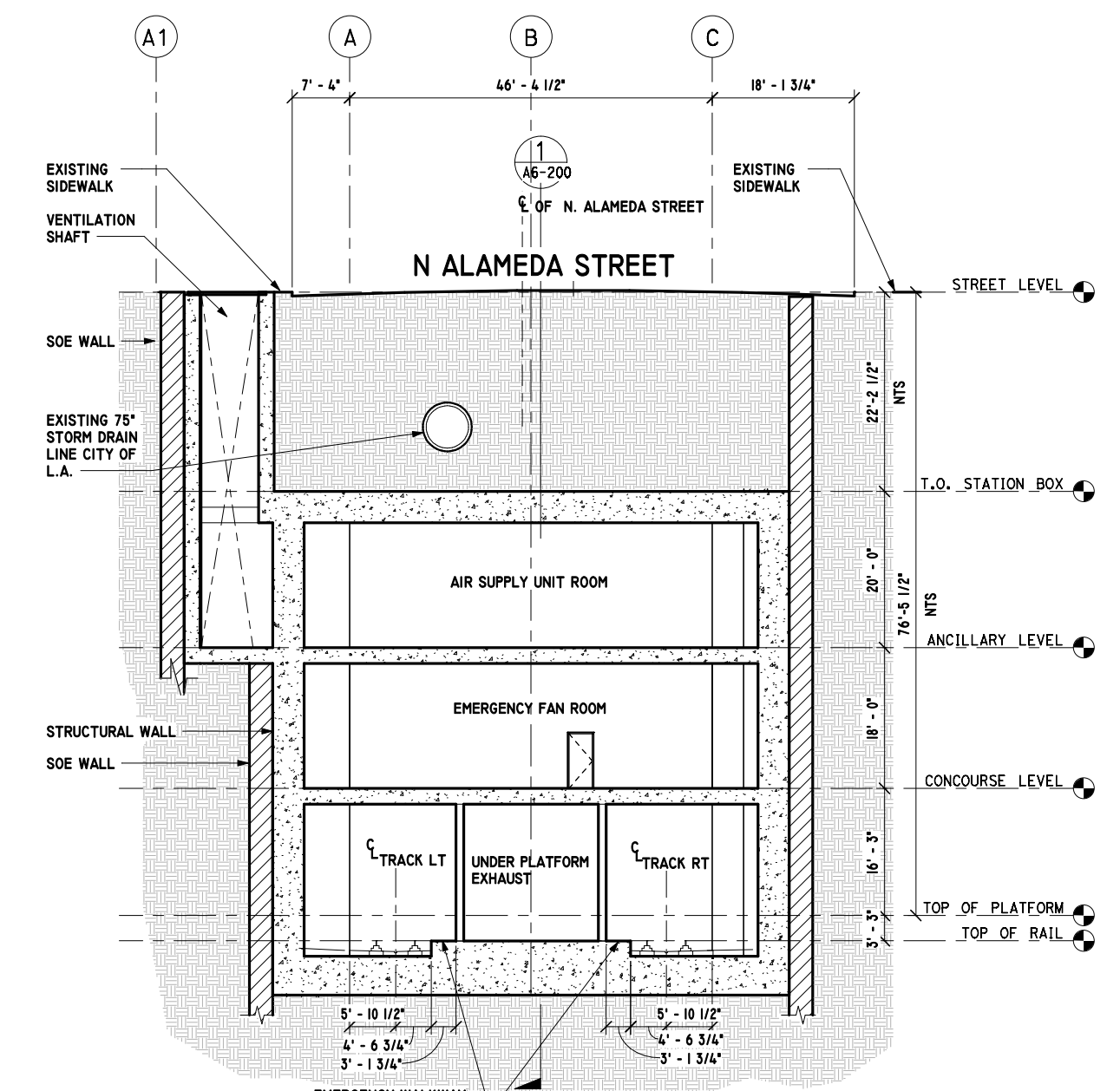
WEST SANTA ANA BRANCH LRT ARCHITECTURAL
 LITTLE TOKYO STATION
 LONGITUDINAL SECTION
 UNDERGROUND STATION

CONTRACT NO. AE5999300
DRAWING NO. A6-200
SCALE 3/64" = 1'-0"
SHEET NO. 54 OF 100

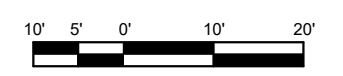
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TRANSVERSE SECTION 2
 3/32" = 1'-0"
 A 6-201



TRANSVERSE SECTION 1
 3/32" = 1'-0"
 A6-201



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REV	DATE	BY	APP	REG. NO.	EXPIRES	SEAL HOLDER	DESCRIPTION

DESIGNED BY J. HUANG
DRAWN BY S. PRUTHVISH
CHECKED BY S. MATHEWS
IN CHARGE N. MAACK
DATE 5/27/2020

M Metro
 LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY

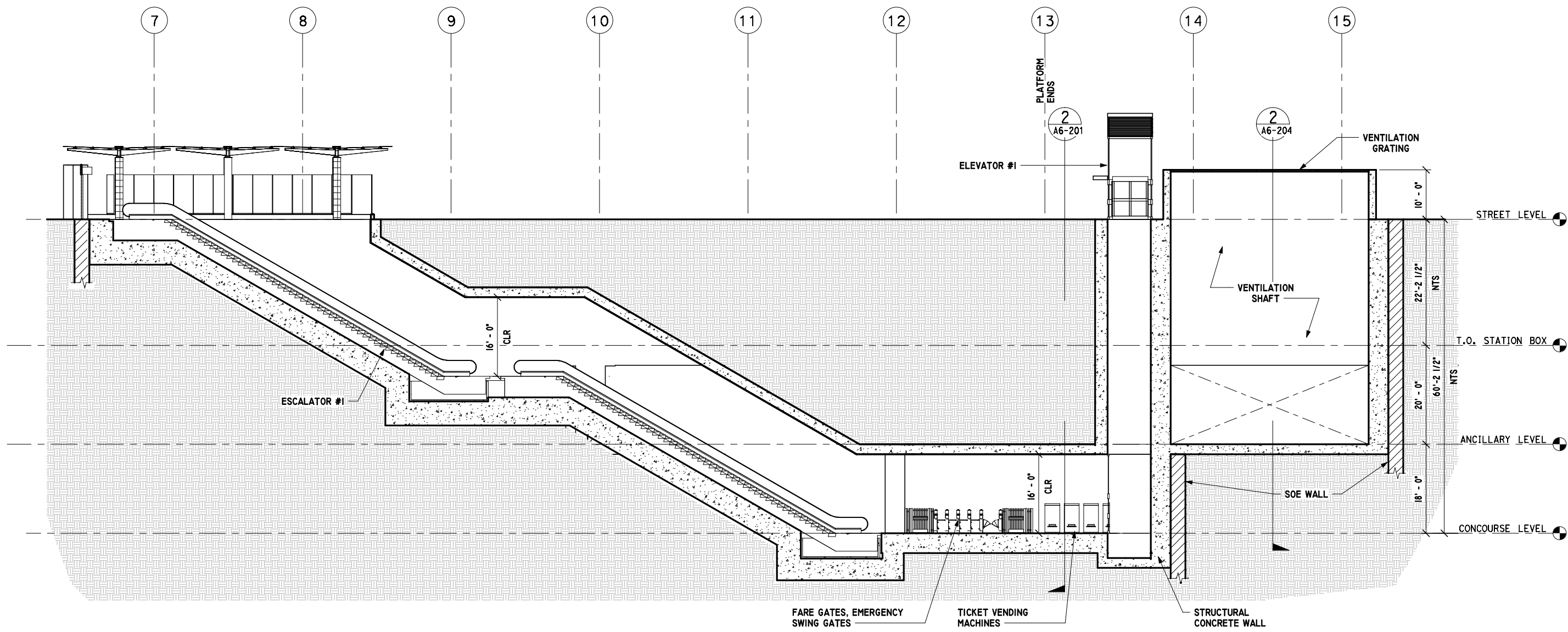
wsp 444 South Flower Street
 Suite 800
 Los Angeles, CA 90071
 TEL (213) 362-9470

SUBMITTED _____
 APPROVED _____

WEST SANTA ANA BRANCH LRT
 ARCHITECTURAL
 LITTLE TOKYO STATION
 TRANSVERSE SECTIONS
 UNDERGROUND STATION

CONTRACT NO. AE5999300
DRAWING NO. A6-201
SCALE 3/32" = 1'-0"
SHEET NO. 55 OF 100

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TRANSVERSE SECTION

1
A 6-202

3/32" = 1'-0"



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REV	DATE	BY	APP	REG. NO.	EXPIRES	SEAL HOLDER	DESCRIPTION

DESIGNED BY J. HUANG
DRAWN BY S. PRUTHVISH
CHECKED BY S. MATHEWS
IN CHARGE N. MAACK
DATE 5/27/2020

M Metro
 LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY

wsp 444 South Flower Street
 Suite 800
 Los Angeles, CA 90071
 TEL (213) 362-9470

SUBMITTED _____
 APPROVED _____

WEST SANTA ANA BRANCH LRT
 ARCHITECTURAL
 LITTLE TOKYO STATION
 TRANSVERSE SECTION
 UNDERGROUND STATION

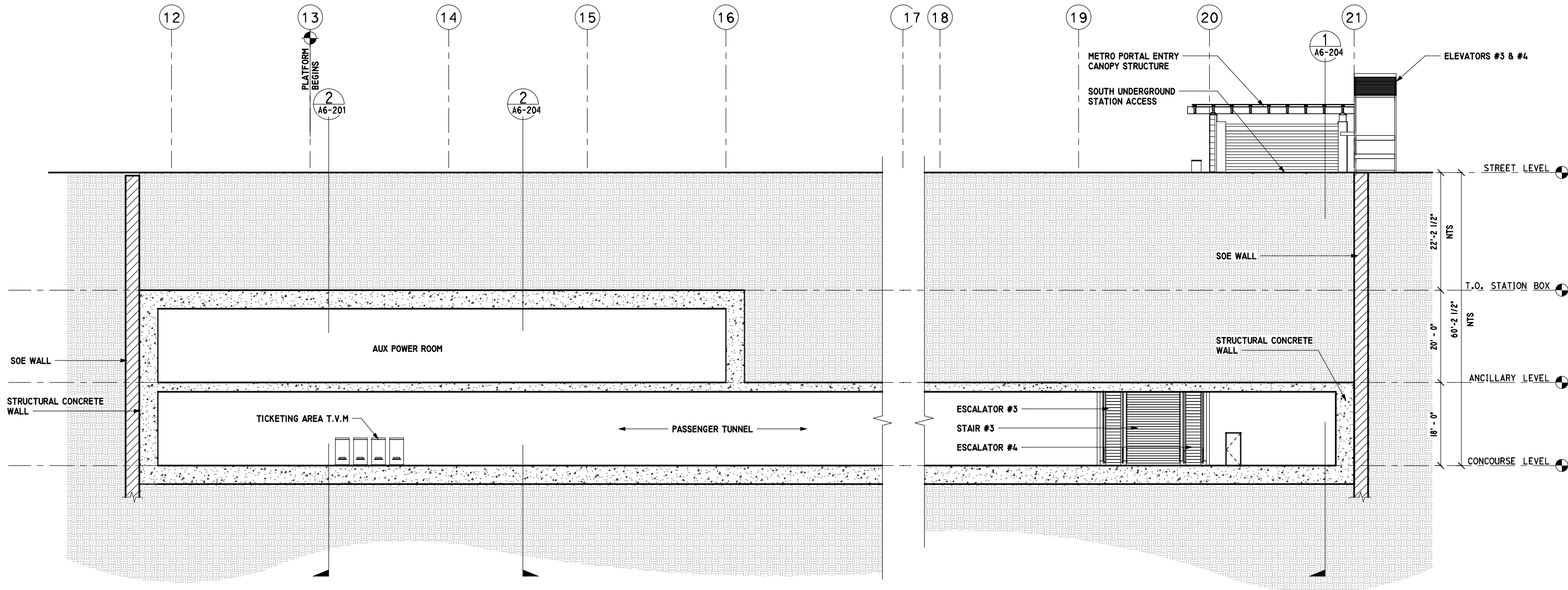
CONTRACT NO.
AE5999300

DRAWING NO.
A6-202

SCALE
3/32" = 1'-0"

SHEET NO.
56 OF 100

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LONGITUDINAL SECTION 1
 3/32" = 1'-0" A 6-203

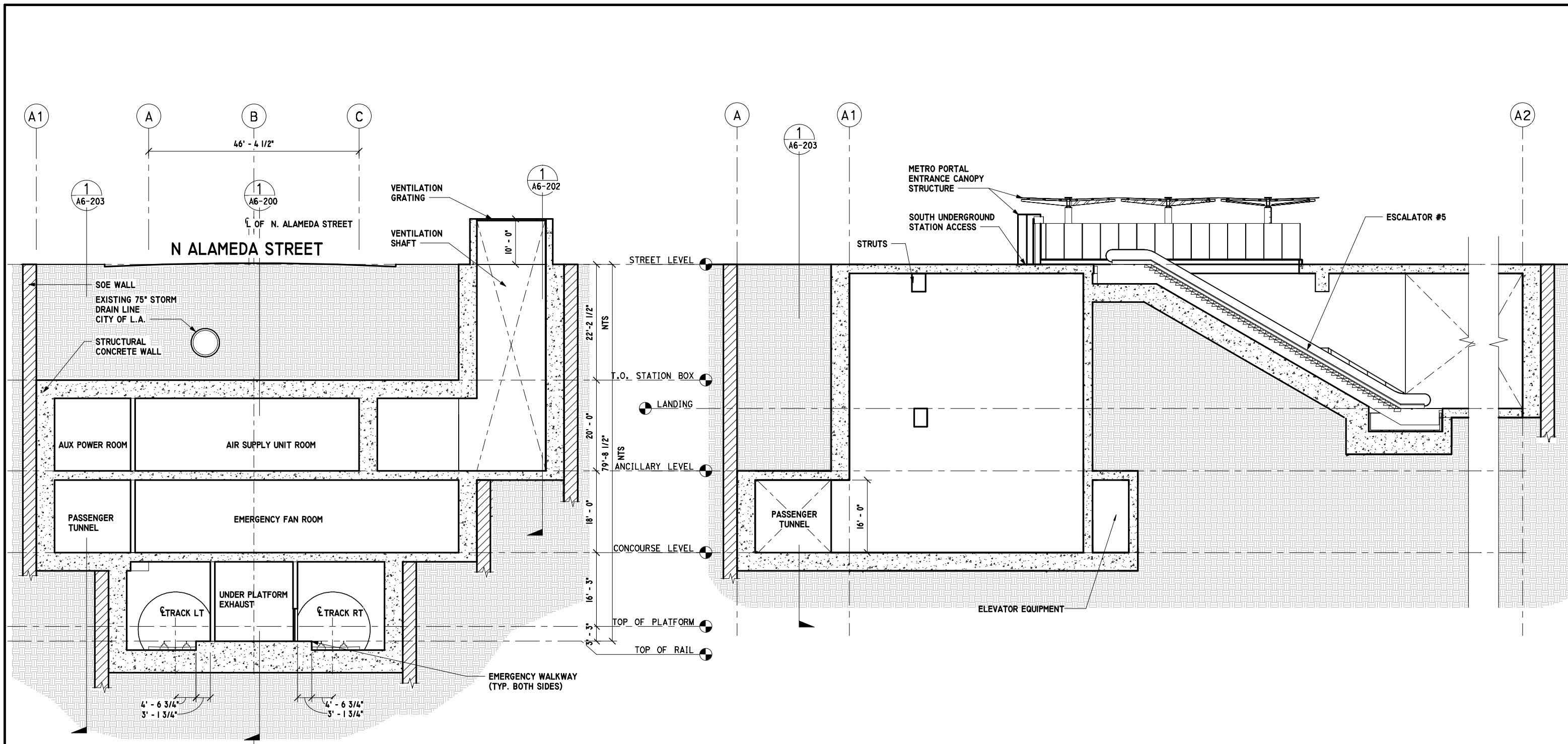


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REV	DATE	BY	APP	REG. NO.	EXPIRES	SEAL HOLDER	DESCRIPTION	WORK OF CONTRACT AE59600		SUBMITTED	APPROVED				

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TRANSVERSE SECTION

2

3/32" = 1'-0"

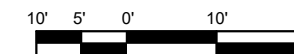
A 6-204

TRANSVERSE SECTION

1

3/32" = 1'-0"

A6-204



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REV	DATE	BY	APP	REG. NO.	EXPIRES	SEAL HOLDER	DESCRIPTION

DESIGNED BY
J. HUANG
DRAWN BY
S. PRUTHVISH
CHECKED BY
S. MATHES
IN CHARGE
N. MAACK
DATE
5/27/2020

WORK OF CONTRACT AE59600

M Metro
wsp

LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY

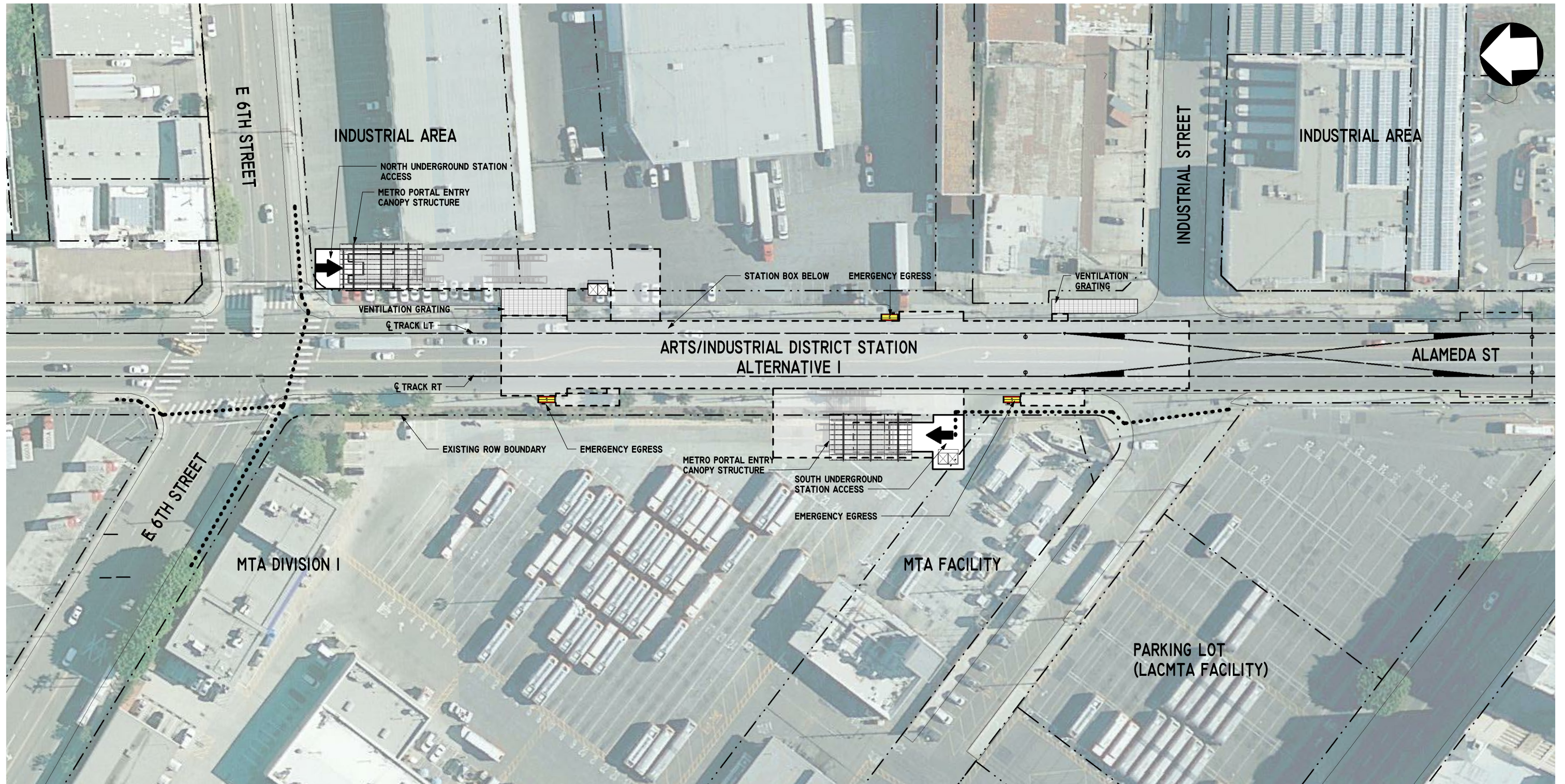
444 South Flower Street
Suite 800
Los Angeles, CA 90071
TEL (213) 362-9470

SUBMITTED _____
APPROVED _____

WEST SANTA ANA BRANCH LRT
ARCHITECTURAL
LITTLE TOKYO STATION
TRANSVERSE SECTIONS
UNDERGROUND STATION

CONTRACT NO.
AE5999300
DRAWING NO.
A6-204
SCALE
3/32" = 1'-0"
SHEET NO.
58 OF 100

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LEGEND:

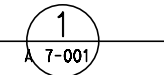
- ACCESSIBLE PATH OF TRAVEL TO STATION ACCESS
- PROPERTY LINE

NOTES

1. STATION PARKING NOT PROVIDED.
2. STATION ENTRY ACCESS DESIGN WAS PERFORMED WITHOUT OWNER COORDINATION AND PROPERTY AS-BUILT INFORMATION. DEPICTED STATION ENTRY ACCESS ARE CONCEPTUAL AND WILL REQUIRE FURTHER OWNER AND AS-BUILT COORDINATION IN ORDER TO DETERMINE FEASIBILITY.
3. SIZES AND LOCATIONS FOR SURFACE VENTILATION GRATINGS ARE PRELEMINARY IN NATURE. THEIR SIZES AND LOCATIONS WILL BE DEVELOPED DURING FINAL ENGINEERING PHASE.
4. DUE TO THE LOCATION OF THE SE PORTAL, SOME SITE REALIGNMENT WILL BE REQUIRED BY METRO WITH LIGHT IMPACT TO BUS PARKING CAPACITY.
5. ALL VENTILATION GRATING FLUSHED WITH SIDEWALK.

STREET LEVEL

1" = 40'-0"



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REV	DATE	BY	APP	REG. NO.	EXPIRES	SEAL HOLDER	DESCRIPTION

DESIGNED BY J. HUANG
DRAWN BY S. PRUTHVISH
CHECKED BY S. MATHEWS
IN CHARGE N. MAACK
DATE 5/27/2020

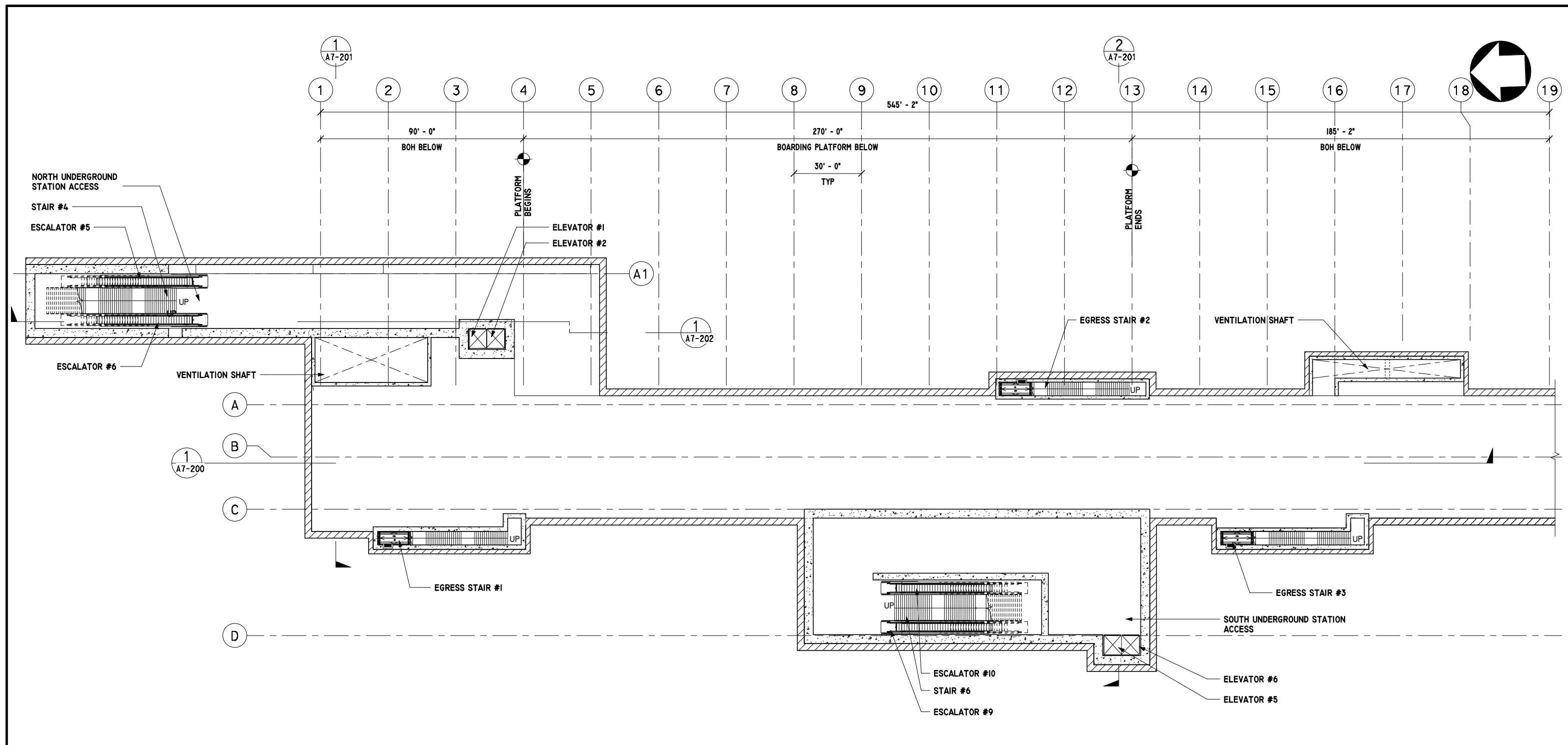
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 Suite 800
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LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY
SUBMITTED _____
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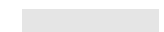
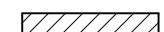
**WEST SANTA ANA BRANCH LRT
 ARCHITECTURAL
 ARTS/INDUSTRIAL DISTRICT STATION (ALT I)
 STATION SITE PLAN
 UNDERGROUND STATION**

CONTRACT NO. AE5999300
DRAWING NO. A7-001
SCALE 1" = 40'-0"
SHEET NO. 59 OF 100

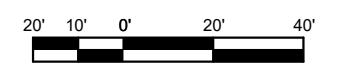
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LEGEND:



 QUEUING AREA PER MRDC TABLE 6.3
 SUPPORT OF EXCAVATION (SOE) WALL

IMMEDIATE SUBSURFACE PLAN
 3/64" = 1'-0"

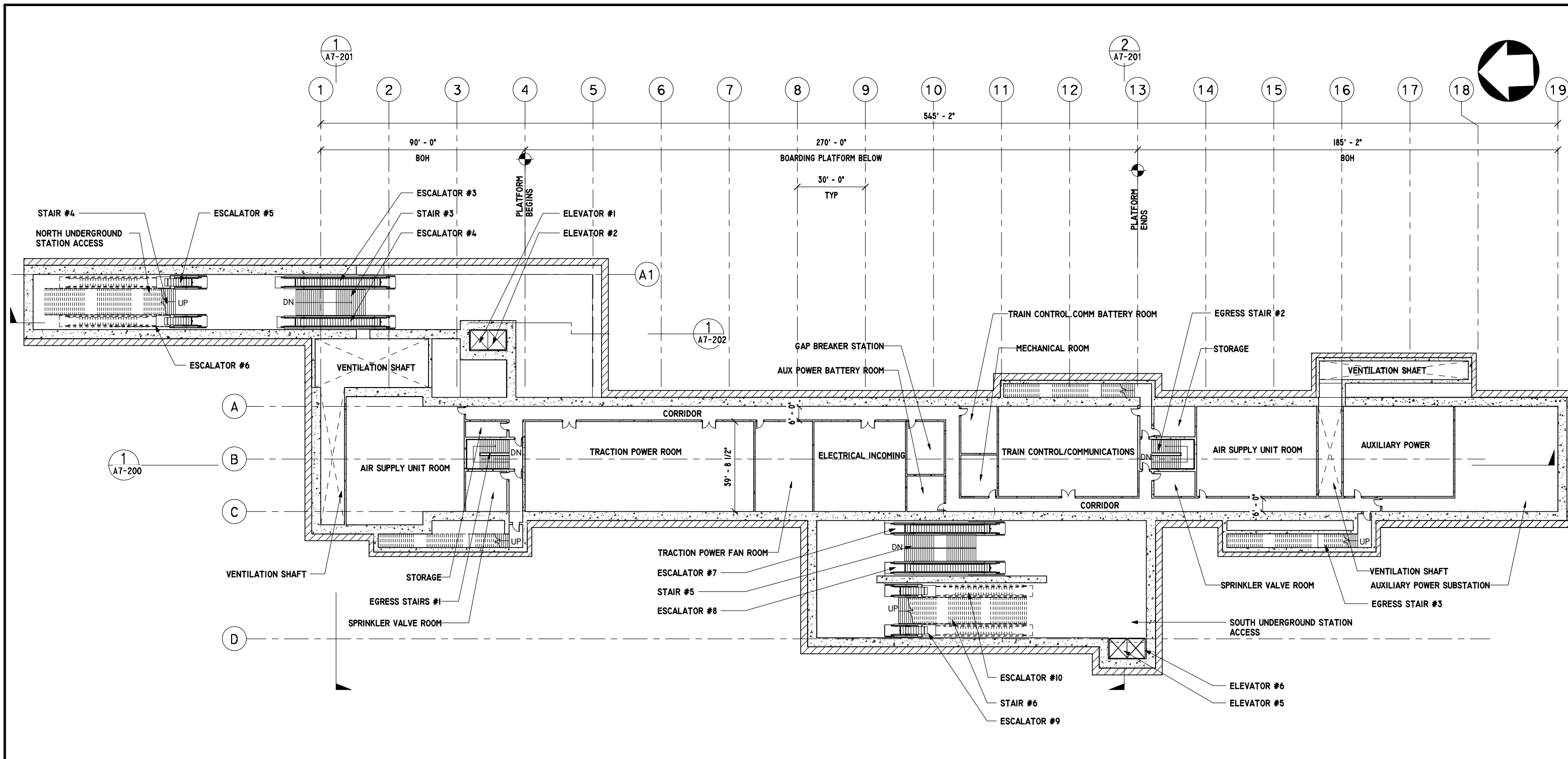


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	DRAWN BY S. PRUTHVISH			DRAWING NO. A7-100																																																
<table border="1"> <thead> <tr> <th>REV</th> <th>DATE</th> <th>BY</th> <th>APP</th> <th>REG. NO.</th> <th>EXPIRES</th> <th>SEAL HOLDER</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>	REV	DATE	BY	APP	REG. NO.	EXPIRES	SEAL HOLDER	DESCRIPTION																																									CHECKED BY S. MATHEWS	 444 South Flower Street Suite 800 Los Angeles, CA 90071 TEL (213) 362-9470	SUBMITTED _____ APPROVED _____	SCALE 3/64" = 1'-0" SHEET NO. 60 OF 100
REV	DATE	BY	APP	REG. NO.	EXPIRES	SEAL HOLDER	DESCRIPTION																																													
	IN CHARGE N. MAACK																																																			
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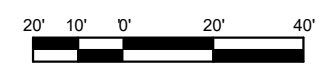
LEGEND:

- QUEUING AREA PER MRDC TABLE 6.3
- SUPPORT OF EXCAVATION (SOE) WALL

ANCILLARY LEVEL

3/64" = 1'-0"

1
A7-101



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REV	DATE	BY	APP	REG. NO.	EXPIRES	SEAL HOLDER

DESIGNED BY J. HUANG
DRAWN BY S. PRUTHVISH
CHECKED BY S. MATHEWS
IN CHARGE N. MAACK
DATE 5/27/2020

LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY

444 South Flower Street
Suite 800
Los Angeles, CA 90071
TEL (213) 362-9470

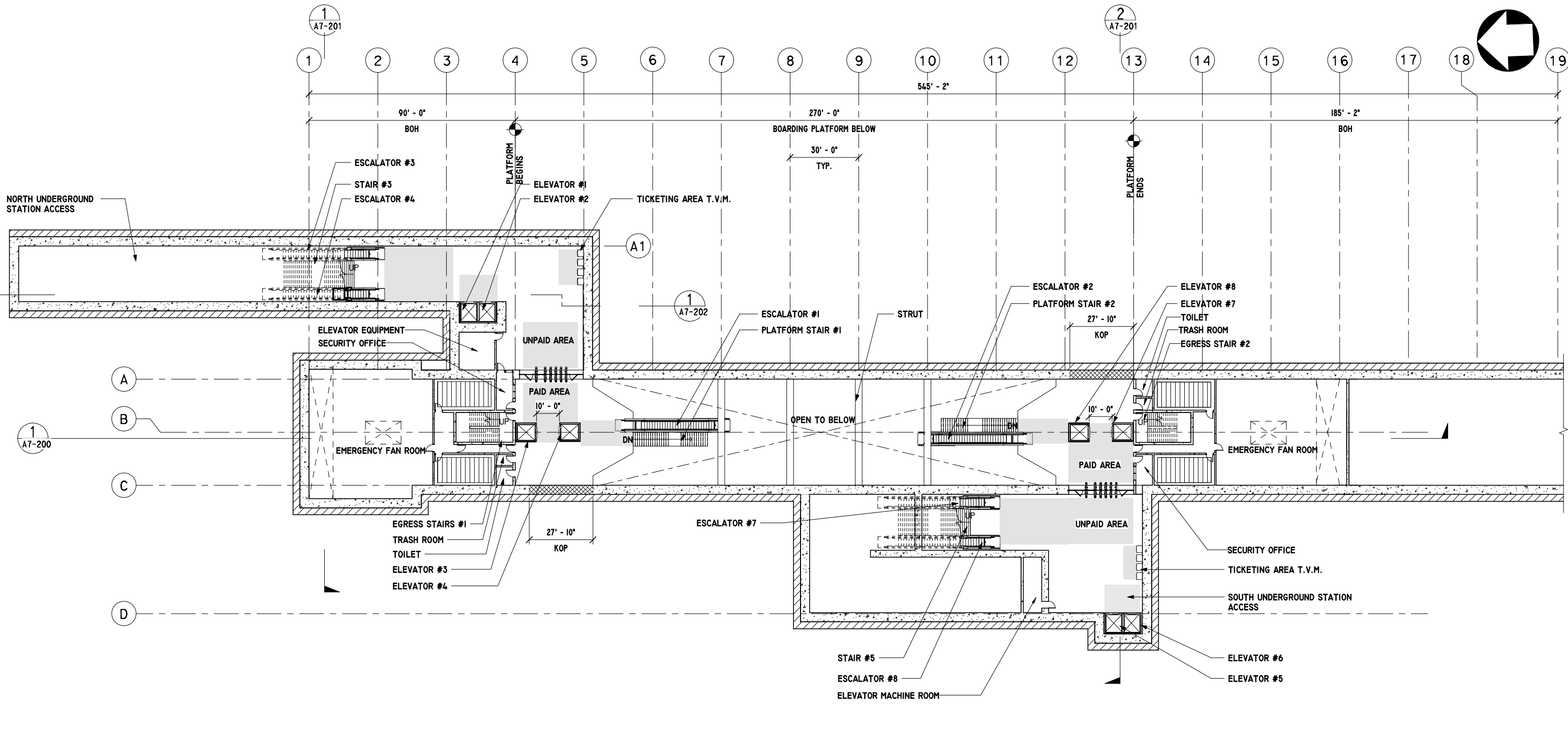
SUBMITTED _____

APPROVED _____

WEST SANTA ANA BRANCH LRT ARCHITECTURAL ARTS/INDUSTRIAL DISTRICT STATION (ALT I) ANCILLARY LEVEL PLAN UNDERGROUND STATION

CONTRACT NO. AE5999300
DRAWING NO. A7-101
SCALE 3/64" = 1'-0"
SHEET NO. 61 OF 100

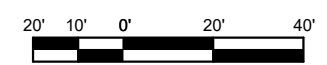
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LEGEND:

- QUEUING AREA PER MRDC TABLE 6.3
- SUPPORT OF EXCAVATION (SOE) WALL
- KNOCK-OUT PANEL

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



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REV	DATE	BY	APP	REG. NO.	EXPIRES	SEAL HOLDER

DESIGNED BY J. HUANG DRAWN BY S. PRUTHVISH CHECKED BY S. MATHEWS IN CHARGE N. MAACK DATE 5/27/2020

Metro

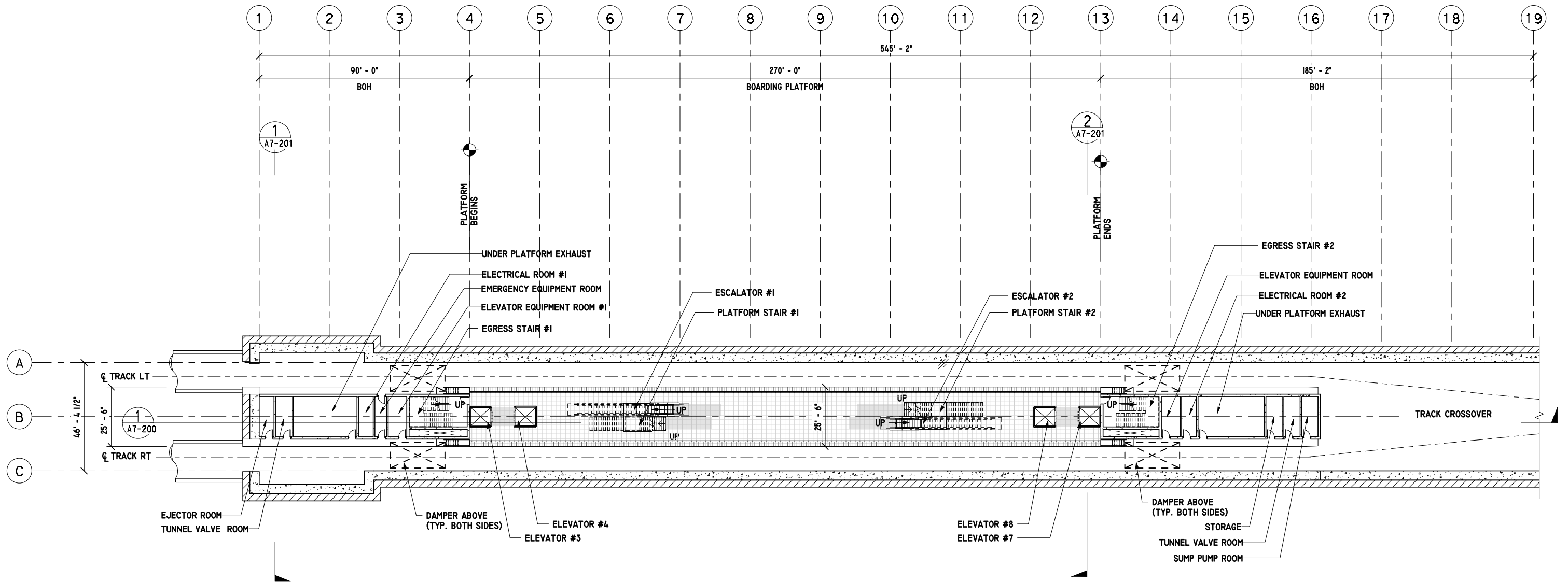
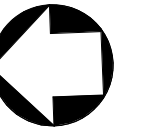
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METROPOLITAN TRANSPORTATION AUTHORITY**

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WEST SANTA ANA BRANCH LRT ARCHITECTURAL		CONTRACT NO. AE5999300
ARTS/INDUSTRIAL DISTRICT STATION (ALT 1)		DRAWING NO. A7-102
CONCOURSE LEVEL PLAN		SCALE 3/64" = 1'-0"
UNDERGROUND STATION		SHEET NO. 62 OF 100

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

1
A7-103

LEGEND:

- QUEUING AREA PER MRDC TABLE 6.3
- SUPPORT OF EXCAVATION (SOE) WALL



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REV	DATE	BY	APP	REG. NO.	EXPIRES	SEAL HOLDER	DESCRIPTION

DESIGNED BY
J. HUANG
DRAWN BY
S. PRUTHVISH
CHECKED BY
S. MATHEWS
IN CHARGE
N. MAACK
DATE
5/27/2020



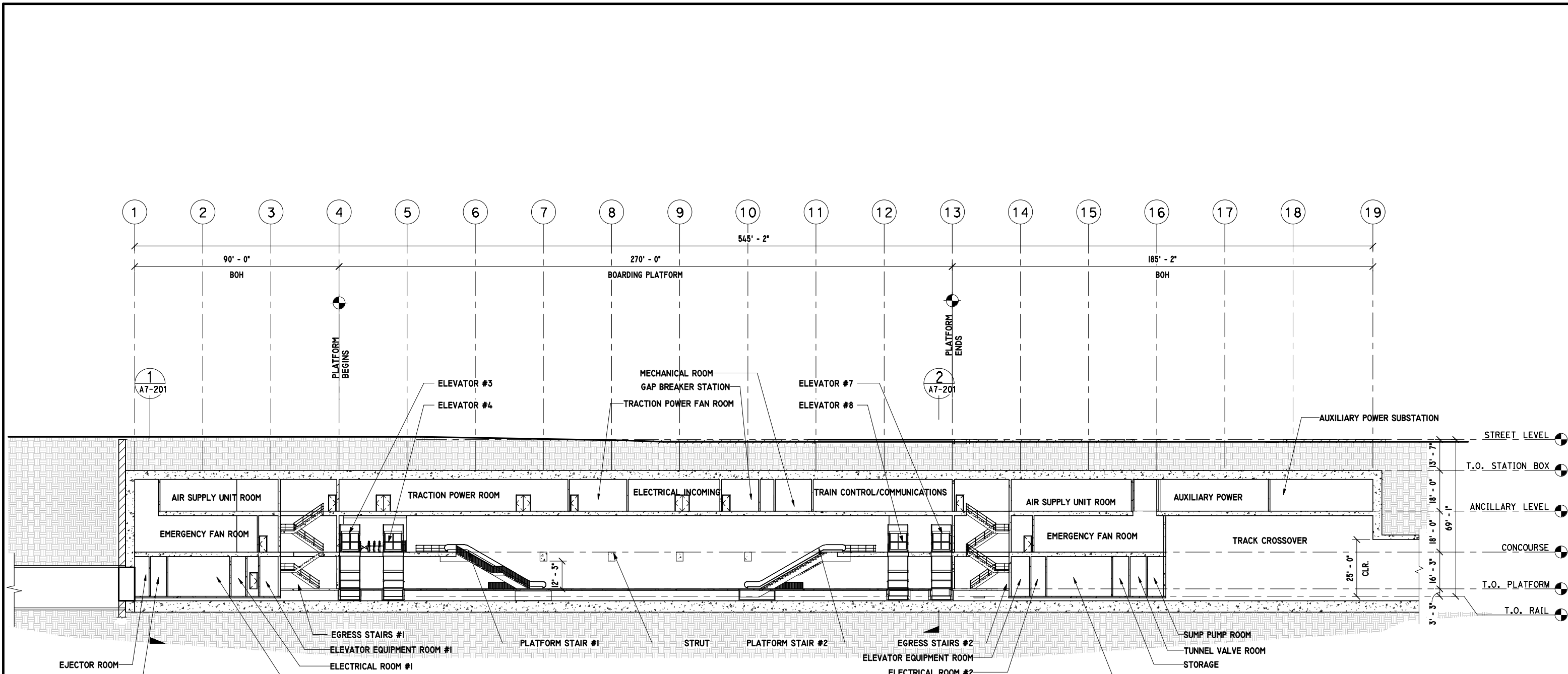
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WEST SANTA ANA BRANCH LRT
ARCHITECTURAL
ARTS/INDUSTRIAL DISTRICT STATION (ALT I)
PLATFORM LEVEL PLAN
UNDERGROUND STATION

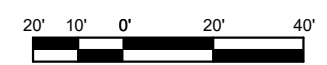
CONTRACT NO. AE5999300
DRAWING NO. A7-103
SCALE 3/64" = 1'-0"
SHEET NO. 63 OF 100



LONGITUDINAL SECTION 1
 3/64" = 1'-0" A 7-200

LEGEND:

SUPPORT OF EXCAVATION (SOE) WALL



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REV	DATE	BY	APP	REG. NO.	EXPIRES	SEAL HOLDER	DESCRIPTION

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IN CHARGE N. MAACK
DATE 5/27/2020

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LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY

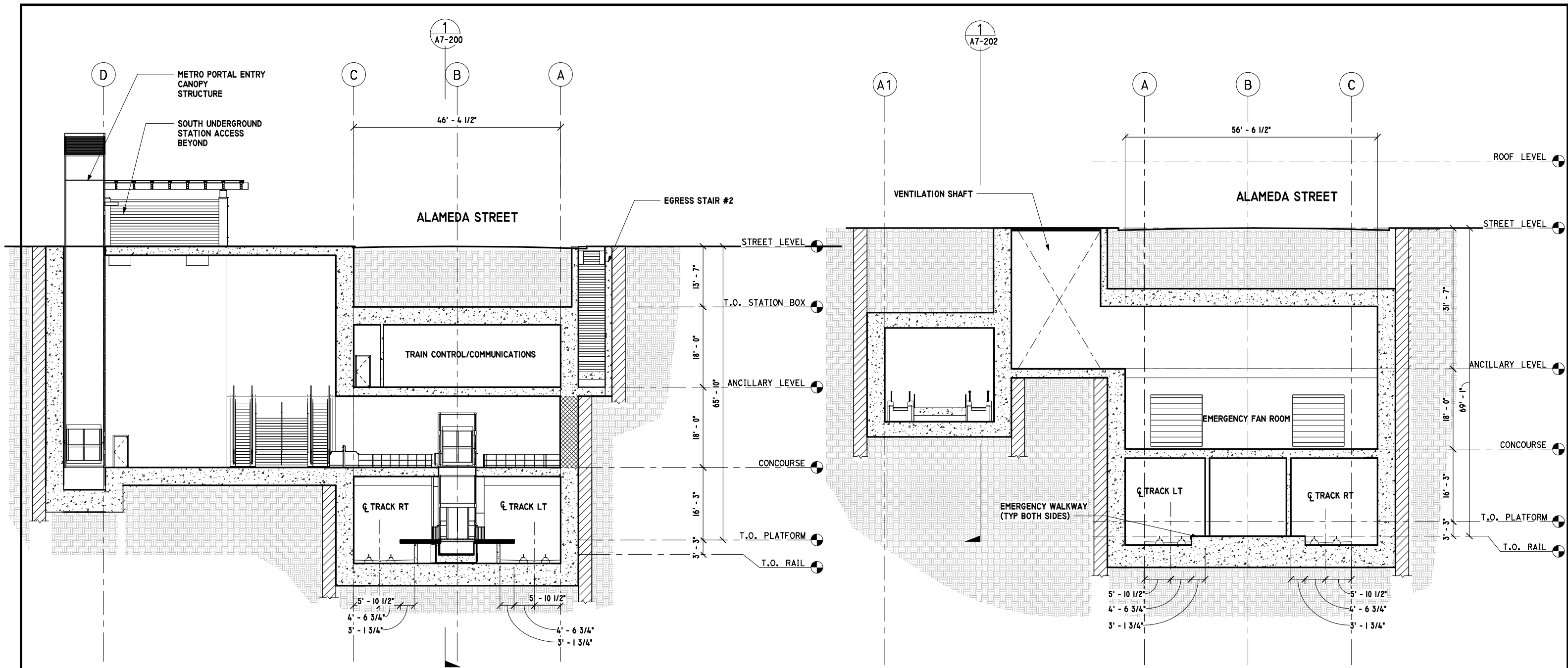
wsp 444 South Flower Street
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WEST SANTA ANA BRANCH LRT ARCHITECTURAL ARTS/INDUSTRIAL DISTRICT STATION (ALT 1) LONGITUDINAL SECTION UNDERGROUND STATION

CONTRACT NO. AE5999300
DRAWING NO. A7-200
SCALE 3/64" = 1'-0"
SHEET NO. 64 OF 100

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TRANSVERSE SECTION
3/32" = 1'-0"

2
A7-201

TRANSVERSE SECTION
3/32" = 1'-0"

1
A7-201

LEGEND:

- SUPPORT OF EXCAVATION (SOE) WALL
- KNOCK-OUT PANEL



FINAL ADVANCED CONCEPTUAL STATIONS DESIGN

NOT FOR CONSTRUCTION

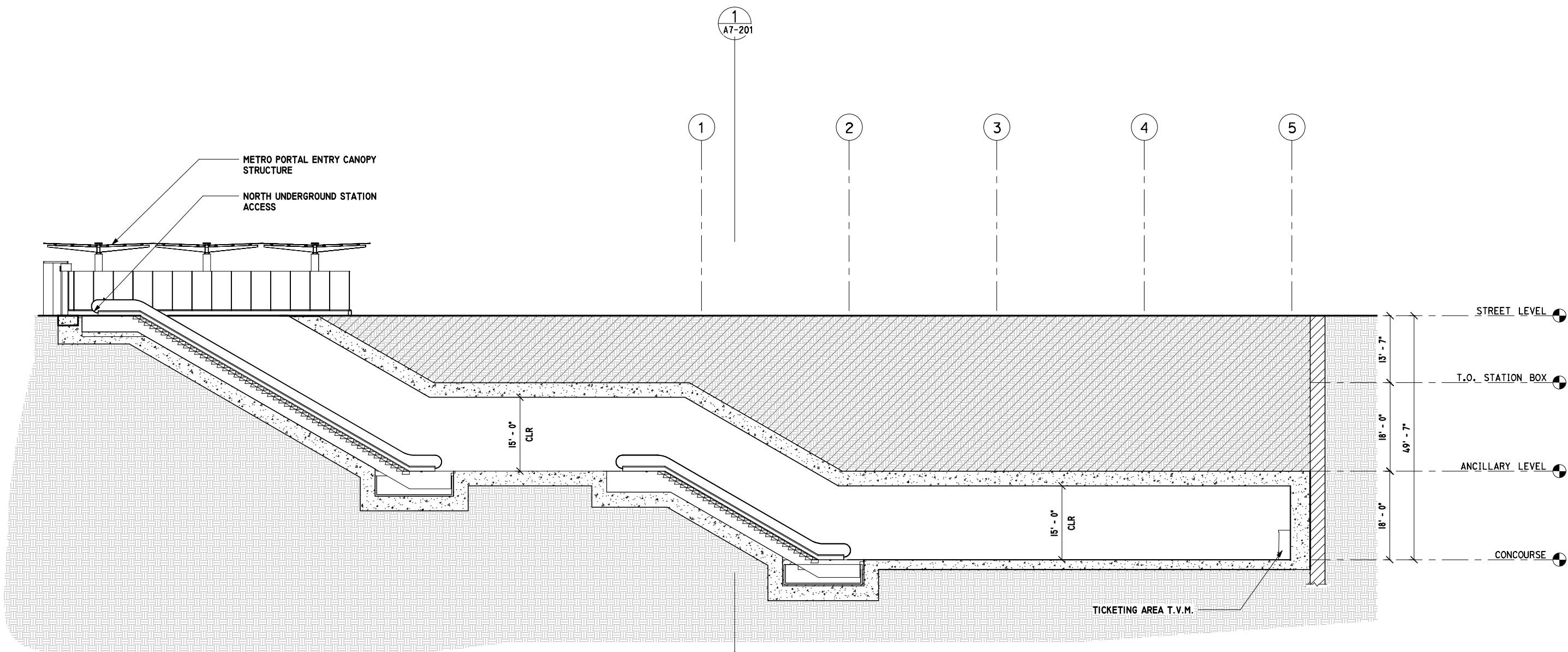
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DESIGNED BY	J. HUANG						
DRAWN BY	S. PRUTHVISH						
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IN CHARGE	N. MAACK						
DATE	5/27/2020						
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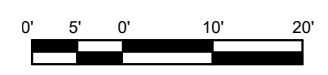
LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY	WEST SANTA ANA BRANCH LRT ARCHITECTURAL ARTS/INDUSTRIAL DISTRICT STATION (ALT I) TRANSVERSE SECTIONS UNDERGROUND STATION
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CONTRACT NO.	AE5999300
DRAWING NO.	A7-201
SCALE	3/32" = 1'-0"
SHEET NO.	65 OF 100

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LONGITUDINAL SECTION 1
 3/32" = 1'-0" A7-202



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