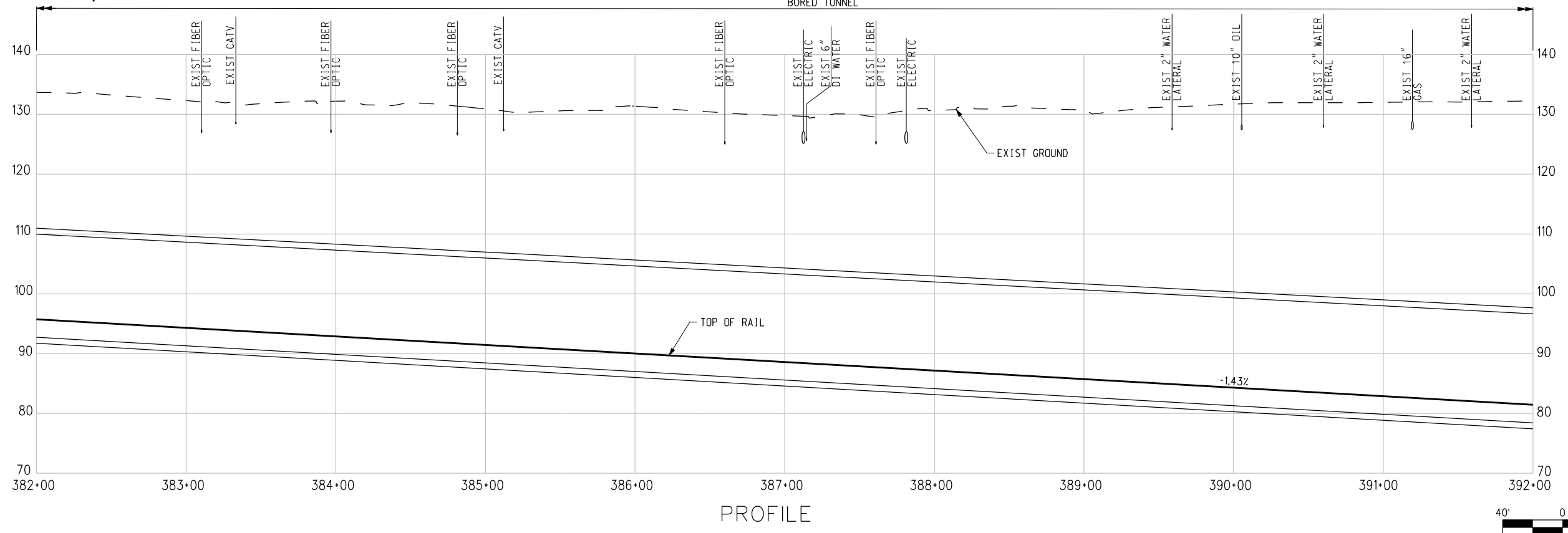
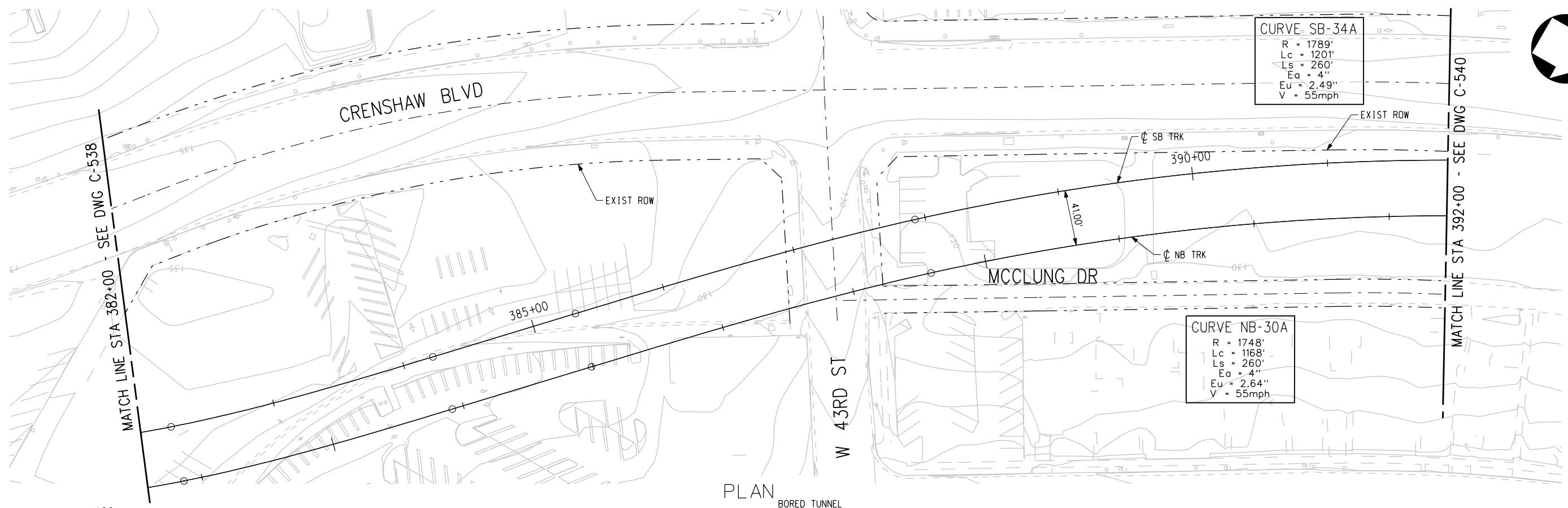


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THE PREPARATION OF THIS DRAWING HAS BEEN FINANCED IN PART THROUGH A GRANT FROM THE U.S. DEPARTMENT OF TRANSPORTATION, FEDERAL TRANSIT ADMINISTRATION (FTA), UNDER THE FEDERAL TRANSIT ACT OF 1964, AS AMENDED, AND IN PART BY THE TAXES OF THE CITIZENS OF LOS ANGELES COUNTY AND OF THE STATE OF CALIFORNIA.						
REV	DATE	BY	APP	REG NO	EXPIRES	SEAL HOLDER

DESIGNED BY  
T. TAPPAN

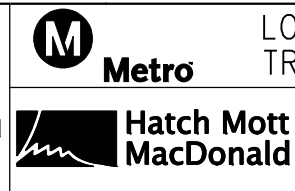
DRAWN BY  
A. GIBBONS

CHECKED BY  
D. DALI

IN CHARGE  
G. HEAD

DATE  
12-10-10

FOR REVIEW ONLY NOT FOR CONSTRUCTION  
LEE W ABRAMSON  
C44285



LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY

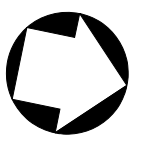
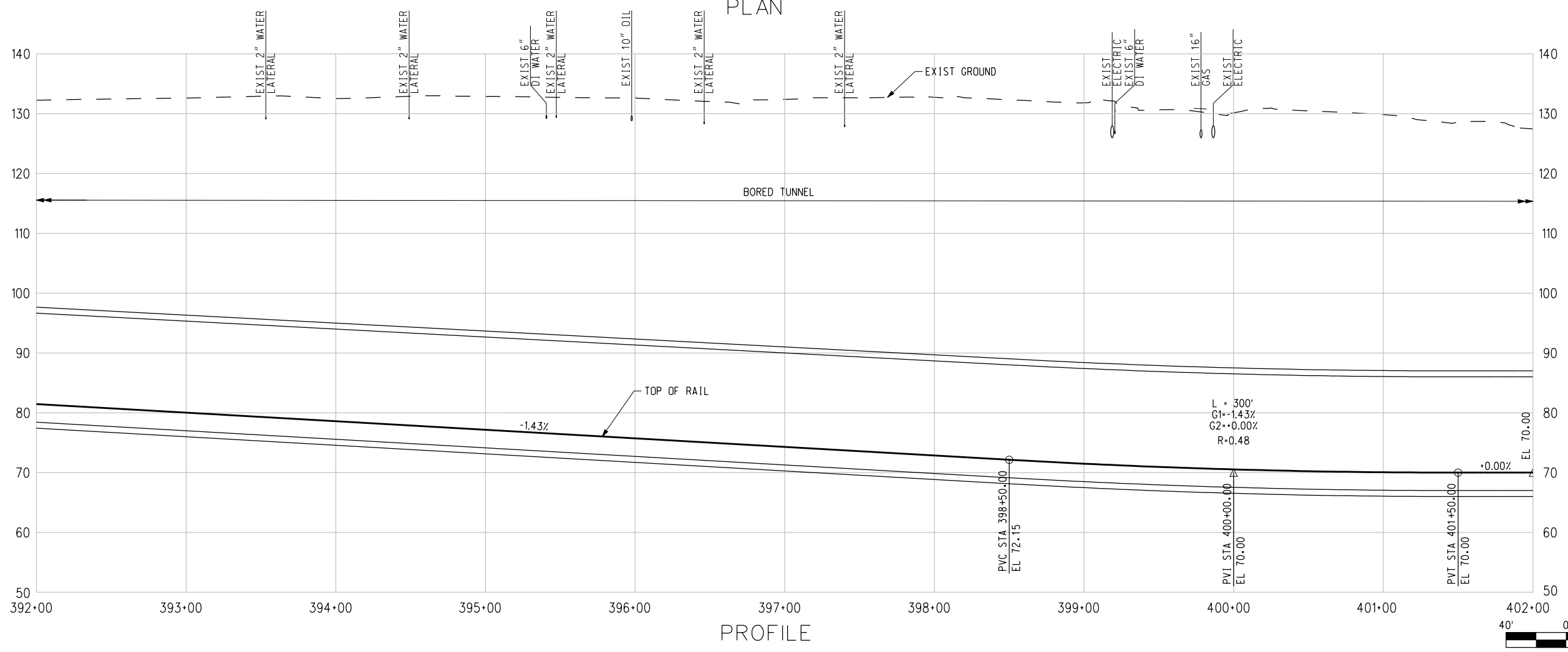
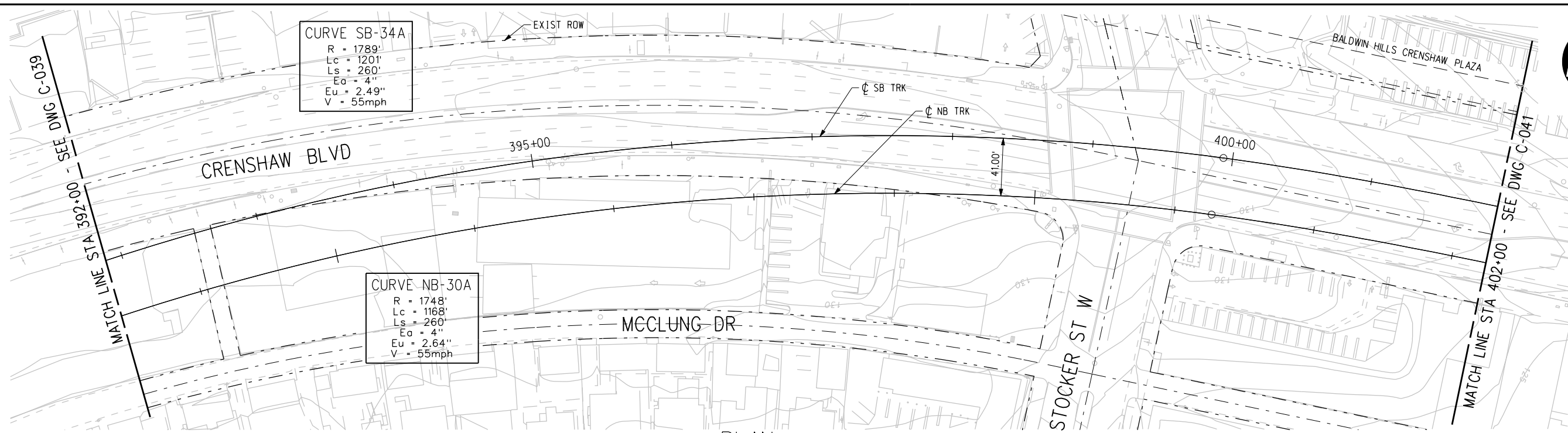
6151 W. Century Blvd. Suite 800  
Los Angeles, CA 90045  
Phone: 310-337-0500  
Fax: 310-337-0042

725 TOWN & COUNTRY RD SUITE 300  
ORANGE, CA 92868

BASE PROJECT  
CRENSHAW/LAX TRANSIT CORRIDOR PROJECT  
PLAN & PROFILE  
**VERNON OPTION 5**  
STA 382+00 TO STA 392+00

CONTRACT NO	E0117
DRAWING NO	C-539
SCALE	HORIZ: 1" = 40' VERT: 1" = 10'
SHEET NO	190

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REV	DATE	BY	APP	REG NO	EXPIRES	SEAL HOLDER	DESCRIPTION

DESIGNED BY  
T. TAPPAN

DRAWN BY  
A. GIBBONS

CHECKED BY  
D. DALI

IN CHARGE  
G. HEAD

DATE  
12-10-10

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CONSTRUCTION

LEE W ABRAMSON  
C44285

**Metro**

**Hatch Mott MacDonald**

6151 W. Century Blvd.  
Suite 800  
Los Angeles, CA 90045  
Phone: 310-337-0500  
Fax: 310-337-0042

**PATTERSON & ASSOCIATES, INC.**

725 TOWN & COUNTRY RD  
SUITE 300  
ORANGE, CA 92868

BASE PROJECT

CRENSHAW/LAX  
TRANSIT CORRIDOR PROJECT  
PLAN & PROFILE  
**VERNON OPTION 5**  
STA 392+00 TO STA 402+00

CONTRACT NO	E0117
DRAWING NO	C-540
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OPT5 Vernon SB												
CURVE NO.	DESC	BEARING	DISTANCE	STATION	NORTHING	EASTING	Dc	RADIUS	Δ	L	T	Ea/Eu SPEED
SB-31A	POB			355+00.00	1821598.807	6461395.874						
	PC	N00°23'57"E	183.18	356+83.18	1821781.987	6461397.151						Ea= 0" Eu= 1"
	PI				1822095.549	6461399.335	0°29'43"	11571	3°06'17"	626.98	313.57	V= 55 MPH
SB-32A	PT	N03°30'14"E	467.13	363+10.17	1822408.531	6461418.499						Ea= 2" Eu= 2.05"
	TS		100.00	367+77.30	1822874.793	6461447.049						V= 35 MPH
	SC			368+77.30	1822974.675	6461451.726						
SB-33A	PI				1823216.397	6461456.089	4°56'27"	1160.00	23°32'44"	476.55	241.76	Ea= 2 1/2" Eu= 2.20"
	CS		100.00	373+53.85	1823439.737	6461363.527						V= 35 MPH
	ST	N24°58'51"W	391.08	374+53.85	1823530.972	6461322.606						
SB-34A	TS		200.00	378+44.93	1823885.462	6461157.448						Ea= 2 1/2" Eu= 2.20"
	SC			380+44.93	1824063.757	6461067.030						V= 35 MPH
	PI				1824140.304	6461021.561	5°43'55"	1000.00	10°10'32"	177.52	89.03	Ea= 4" Eu= 2.49"
SB-34A	CS	N46°36'57"W	110.00	382+22.45	1824207.614	6460963.283						V= 55 MPH
	ST		260.00	384+22.45	1824349.696	6460822.652						
	TS			385+32.46	1824425.256	6460742.705						
SB-34A	SC			387+92.46	1824608.328	6460558.171						Ea= 4" Eu= 2.64"
	PI				1825068.865	6460136.873	3°12'11"	1788.96	38°28'04"	1200.93	624.17	V= 55 MPH
	CS		260.00	399+93.39	1825691.525	6460093.503						
SB-34A	ST		33.63	402+53.39	1825951.406	6460088.020						
	POE	N00°10'45"E		402+87.02	1825985.040	6460088.125						

OPT5 Vernon NB												
CURVE NO.	DESC	BEARING	DISTANCE	STATION	NORTHING	EASTING	Dc	RADIUS	Δ	L	T	Ea/Eu SPEED
NB-27A	PDB			356+29.10	1821598.688	6461409.874						
	TS	N00°23'57"E	129.10	357+58.20	1821727.788	6461410.773						Ea= 1" Eu= 0.45"
	SC		165.00	359+23.20	1821892.778	6461412.490						V= 55 MPH
NB-28A	PI				1822195.692	6461417.725	0°42'58"	8000	4°20'15"	605.63	302.96	Ea= 2 1/2" Eu= 2.20"
	CS		165.00	365+28.83	1822497.343	6461445.854						V= 35 MPH
	ST	N05°55'06"E	221.78	366+93.83	1822661.520	6461462.304						
NB-28A	TS		100.00	369+15.61	1822882.120	6461485.172						Ea= 2 1/2" Eu= 2.20"
	SC			370+15.61	1822981.733	6461493.823						V= 35 MPH
	PI				1823204.666	6461505.716	5°43'55"	1000.00	25°10'11"	439.11	223.25	Ea= 2 1/2" Eu= 2.01"
NB-29A	CS		100.00	374+54.72	1823411.490	6461421.666						V= 35 MPH
	ST	N24°58'51"W	438.68	375+54.72	1823502.815	6461380.955						
	TS		205.11	379+93.41	1823900.460	6461195.691						Ea= 2 1/2" Eu= 2.01"
NB-29A	SC			381+98.52	1824083.358	6461103.053						V= 35 MPH
	PI				1824164.453	6461055.045	5°30'22"	1041.00	10°20'44"	187.89	94.24	Ea= 4" Eu= 2.64"
	CS		205.11	383+86.41	1824235.608	6460993.254						V= 55 MPH
NB-30A	ST	N46°36'57"W	107.42	385+91.53	1824381.254	6460848.953						
	TS		260.00	386+98.95	1824455.043	6460770.880						Ea= 4" Eu= 2.64"
	SC			389+58.95	1824638.217	6460586.452						V= 55 MPH
NB-30A	PI				1825086.435	6460177.826	3°16'42"	1748.00	38°16'21"	1167.45	606.53	Ea= 4" Eu= 2.64"
	CS		260.00	401+26.40	1825691.422	6460134.653						V= 55 MPH
	ST		33.62	403+86.40	1825951.297	6460129.023						
POE	N00°10'46"E		404+20.02	1825984.913	6460129.129							

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  
T. TAPPAN  
 DRAWN BY  
M. WHITE  
 CHECKED BY  
W. BAKER  
 IN CHARGE  
G. HEAD  
 DATE  
12-10-10

FOR REVIEW ONLY NOT FOR CONSTRUCTION  
 LEE W ABRAMSON  
 C44285

LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY

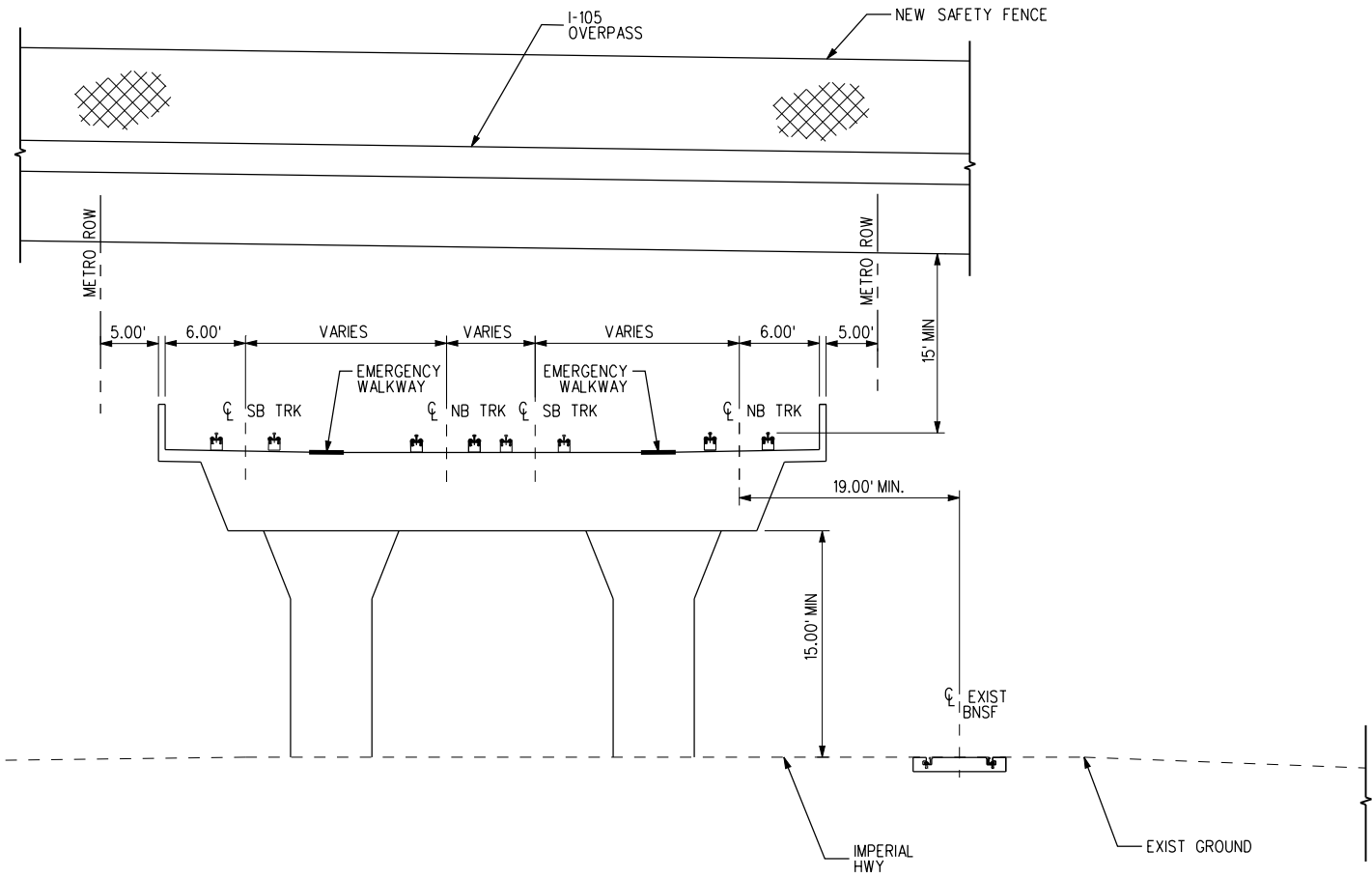
6151 W. Century Blvd. Suite 800  
Los Angeles, CA 90045  
Phone: 310-337-0500  
Fax: 310-337-0042

725 TOWN & COUNTRY RD  
SUITE 300  
ORANGE, CA 92868

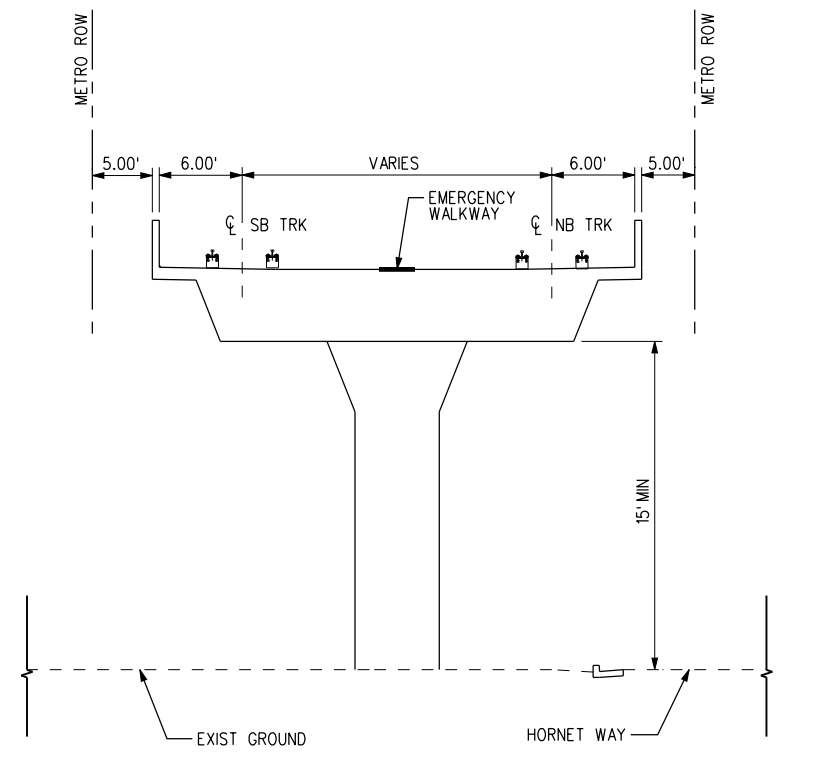
BASE PROJECT  
 CRENSHAW/LAX  
 TRANSIT CORRIDOR PROJECT  
 GEOMETRY TABLES  
**VERNON (OPTION 5)**

CONTRACT NO	E0117
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SHEET NO	192

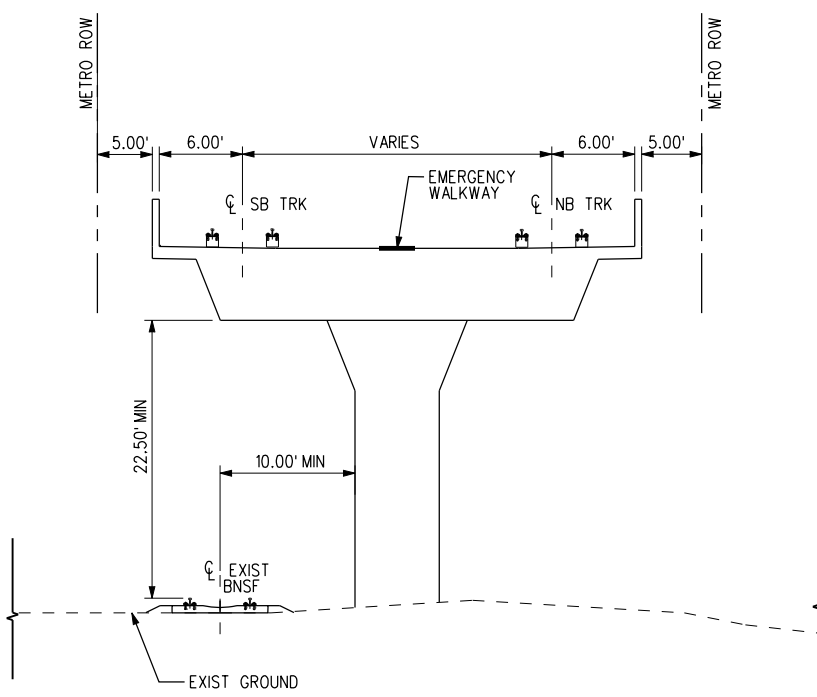
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TYP SECTION STA 14+00 TO 15+00 3  
C-500 C-002



TYP SECTION STA 10+00 TO 13+00 WEST 1  
C-500 C-001



TYP SECTION STA 10+00 TO 13+00 EAST 2  
C-500 C-001a

BASE PROJECT

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  
C. PETROV  
 DRAWN BY  
Y. TANG  
 CHECKED BY  
F. NOURBAKHSH  
 IN CHARGE  
G. HEAD  
 DATE  
12-10-10

FOR REVIEW ONLY NOT FOR CONSTRUCTION  
 LEE W ABRAMSON  
 C44285

LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY

6151 W. Century Blvd. Suite 800  
Los Angeles, CA 90045  
Phone: 310-337-0500  
Fax: 310-337-0042

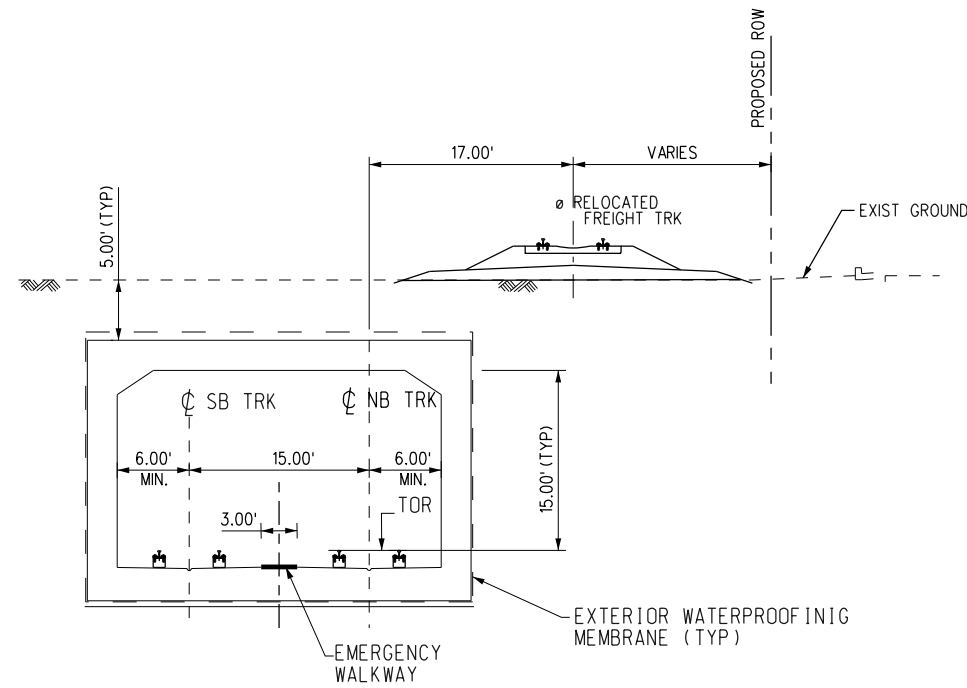
Hatch Mott MacDonald

CRENSHAW/LAX TRANSIT CORRIDOR PROJECT

TYPICAL CROSS-SECTIONS

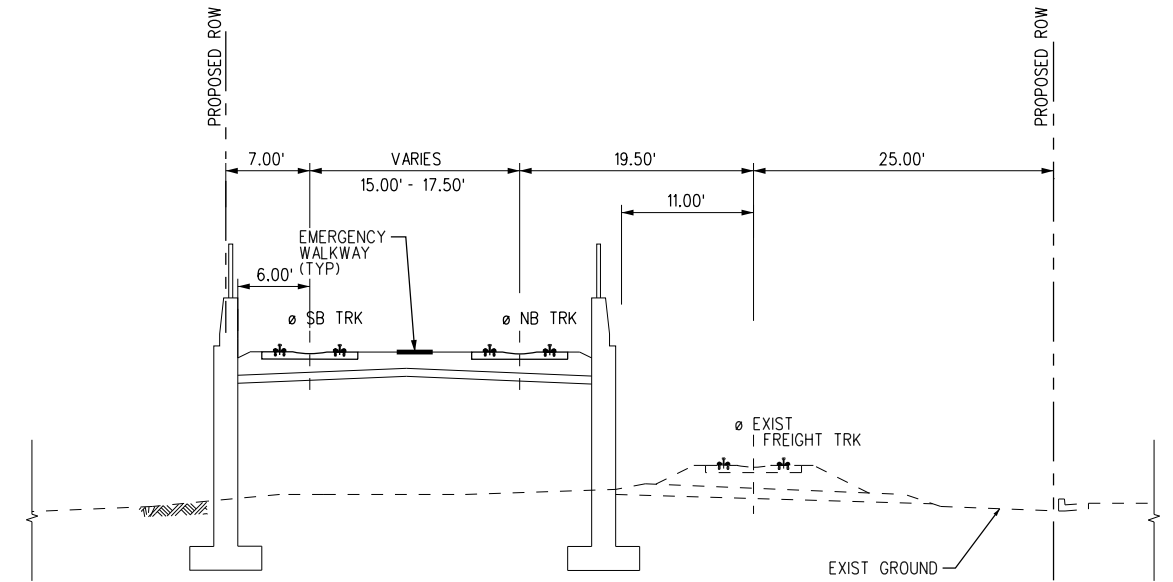
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CONTRACT NO	E0117
DRAWING NO	C-500
SCALE	NTS
SHEET NO	205



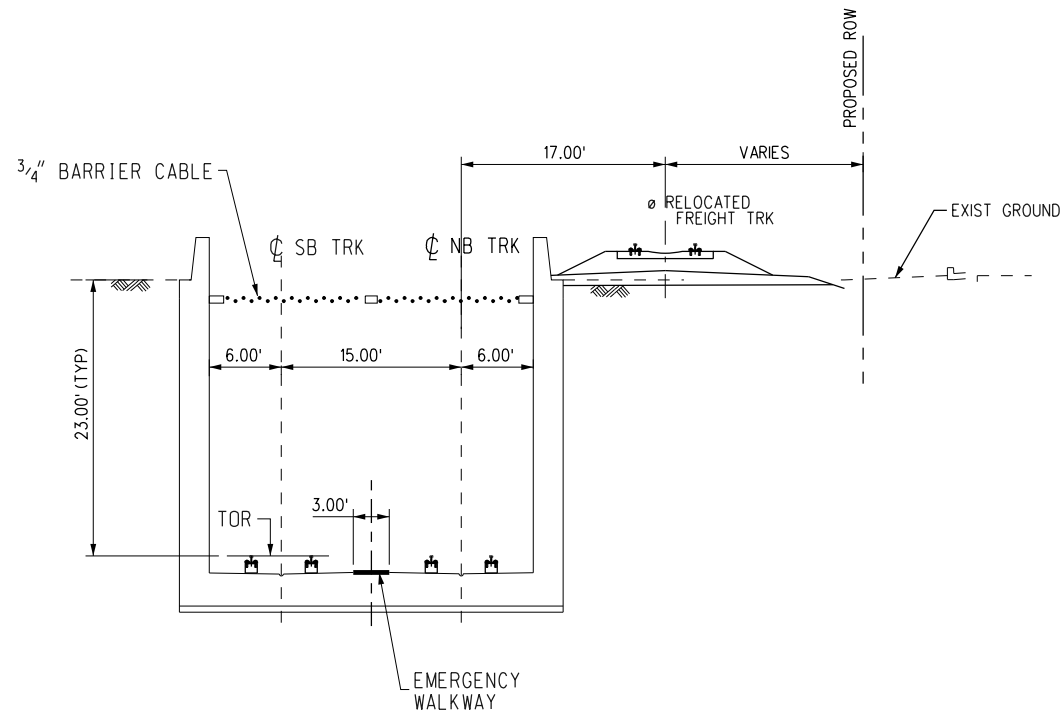
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STA 45+00 TO 50+00

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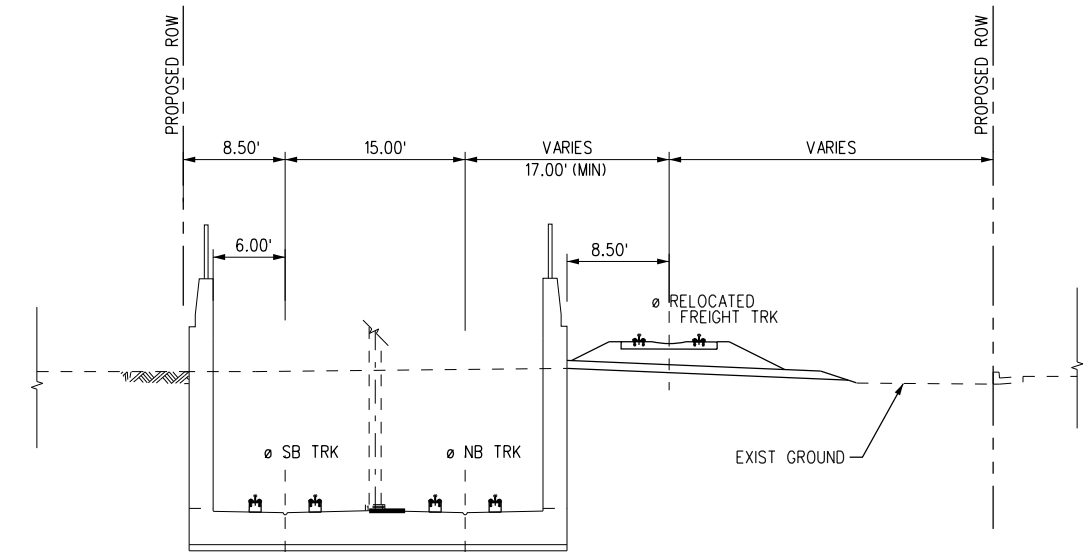
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28+00 TO STA 32+00

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C-501 C-002 C-003



SECTION STA 42+00 TO 45+00

4  
C-501 C-005



SECTION STA 32+00 TO 37+00

2  
C-501 C-002

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REV	DATE	BY	APP	REG NO	EXPIRES	SEAL HOLDER	DESCRIPTION

DESIGNED BY  
B. BAKER  
DRAWN BY  
A. GIBBONS  
CHECKED BY  
D. DALI  
IN CHARGE  
G. HEAD  
DATE  
08-12-11

FOR REVIEW  
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CONSTRUCTION  
LEE W ABRAMSON  
C44285

**M** Metro  
**Hatch Mott MacDonald**  
 6151 W. Century Blvd.  
 Suite 800  
 Los Angeles, CA 90045  
 Phone: 310-337-0500  
 Fax: 310-337-0042

LOS ANGELES COUNTY METROPOLITAN  
TRANSPORTATION AUTHORITY

CRENSHAW/LAX  
TRANSIT CORRIDOR PROJECT

ALIGNMENT SECTIONS  
SHEET 2 OF 15

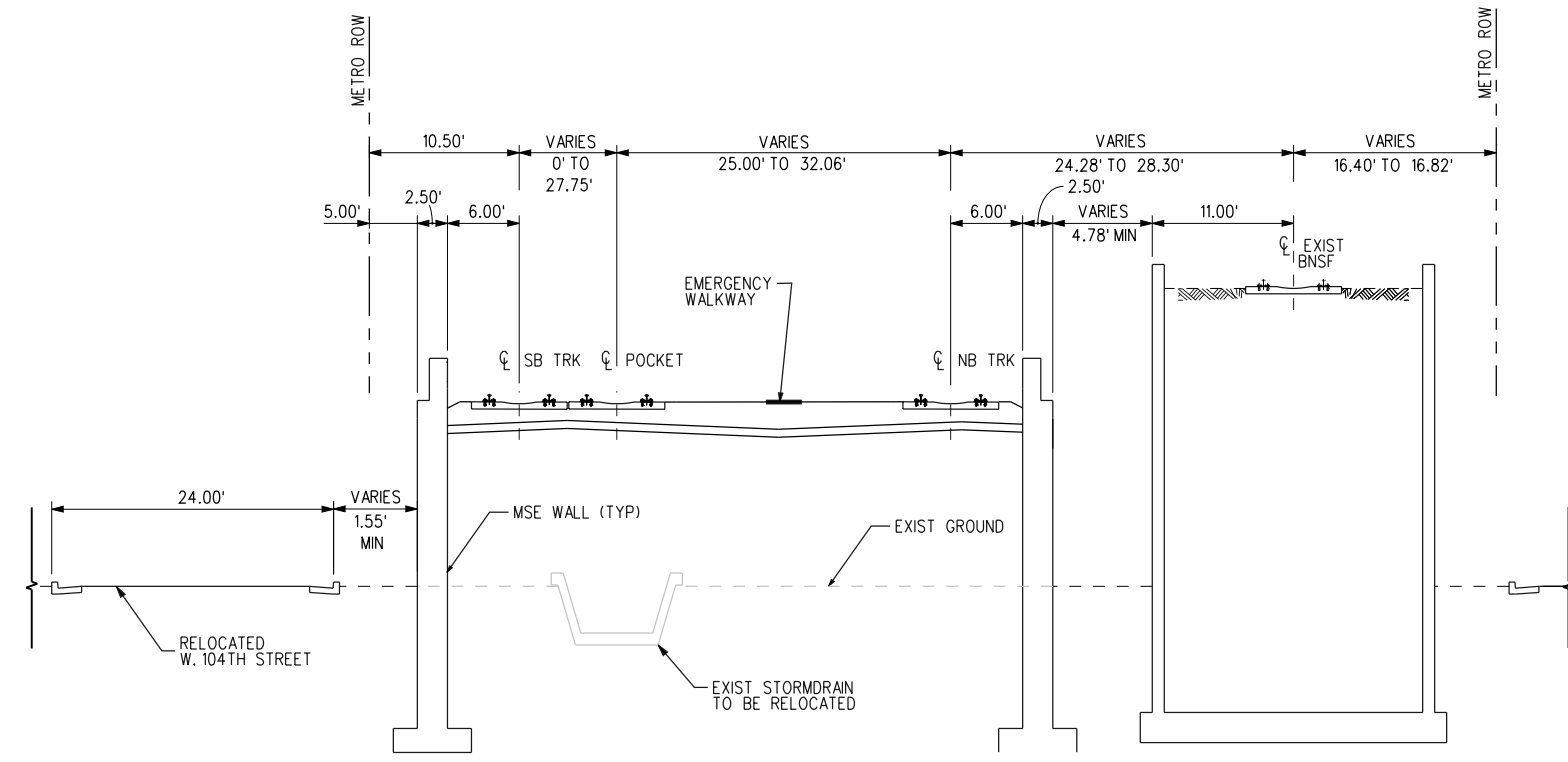
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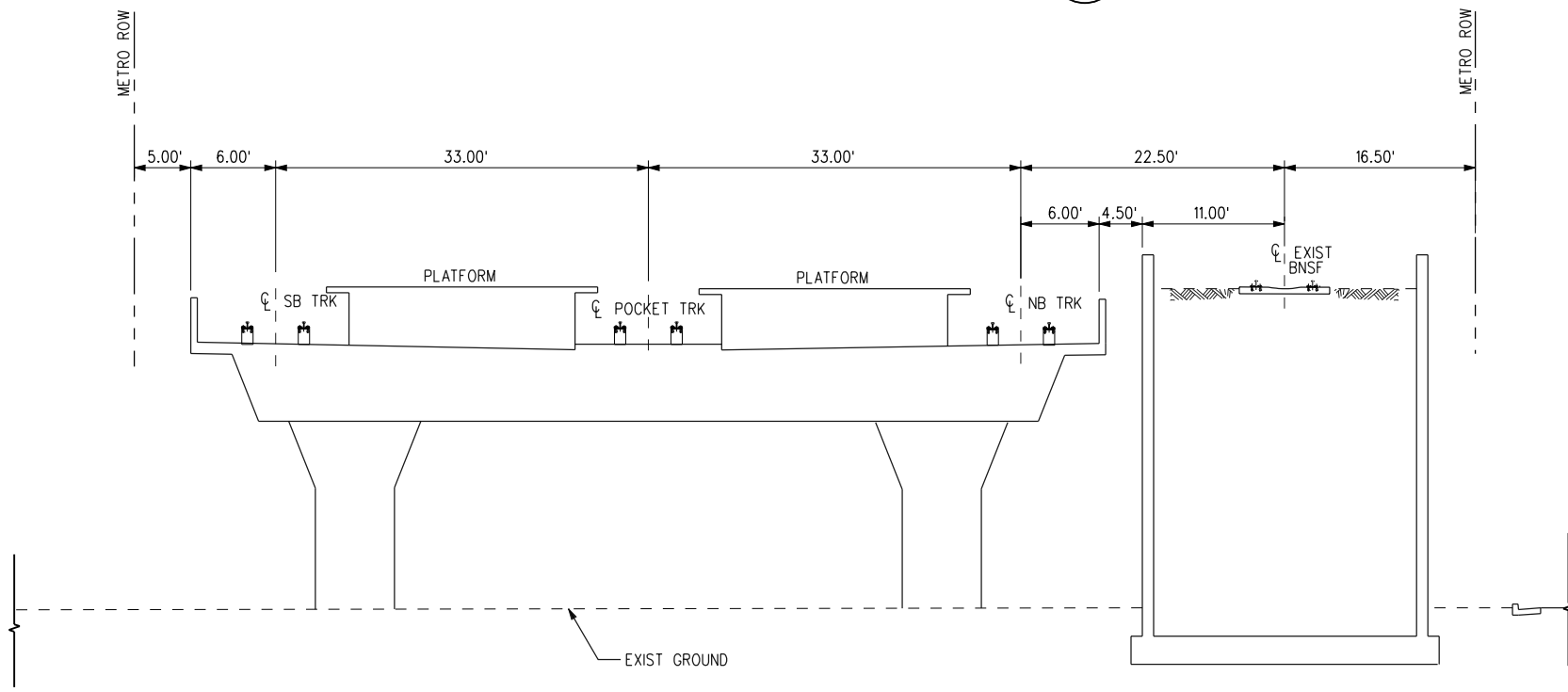
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TYP SECTION STA 68+43 TO 71+12 2  
C-502 C-007

BASE PROJECT

CRENSHAW/LAX  
TRANSIT CORRIDOR PROJECT  
TYPICAL CROSS-SECTIONS  
SHEET 3 OF 15

CONTRACT NO	E0117
DRAWING NO	C-502
SCALE	NTS
SHEET NO	207

REV	DATE	BY	APP	REG NO	EXPIRES	SEAL HOLDER	DESCRIPTION

DESIGNED BY  
C. PETROV  
DRAWN BY  
Y. TANG  
CHECKED BY  
F. NOURBAKSH  
IN CHARGE  
G. HEAD  
DATE  
12-10-10

FOR REVIEW  
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CONSTRUCTION  
LEE W ABRAMSON  
C44285

**M** Metro

LOS ANGELES COUNTY METROPOLITAN  
TRANSPORTATION AUTHORITY

**Hatch Mott MacDonald**

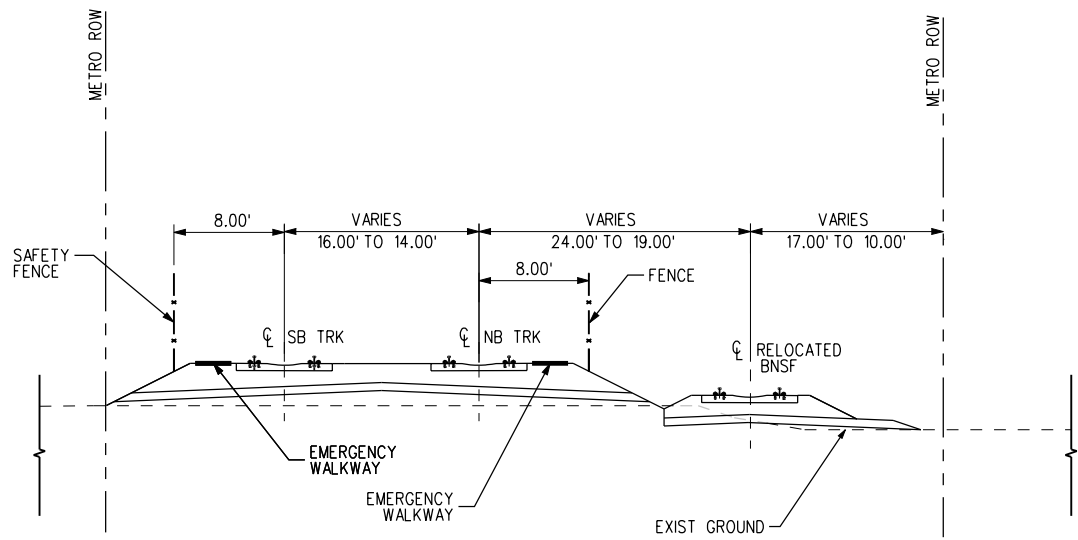
6151 W. Century Blvd.  
Suite 800  
Los Angeles, CA 90045  
Phone: 310-337-0500  
Fax: 310-337-0042

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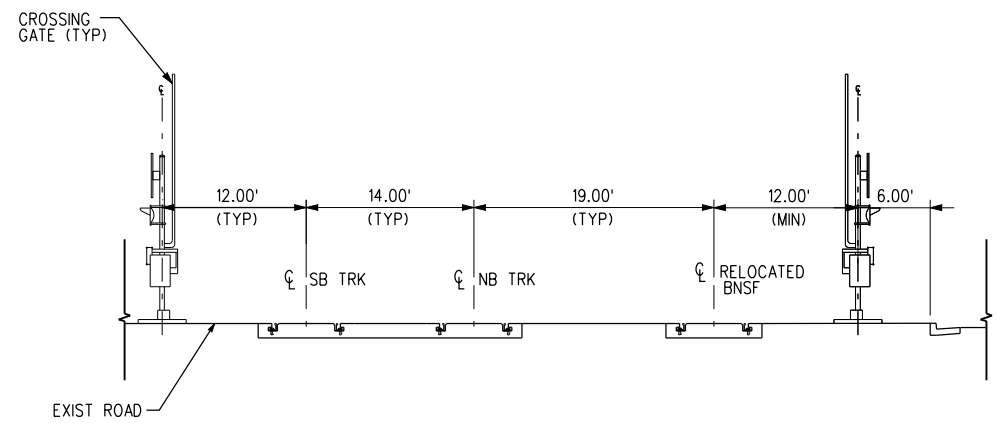
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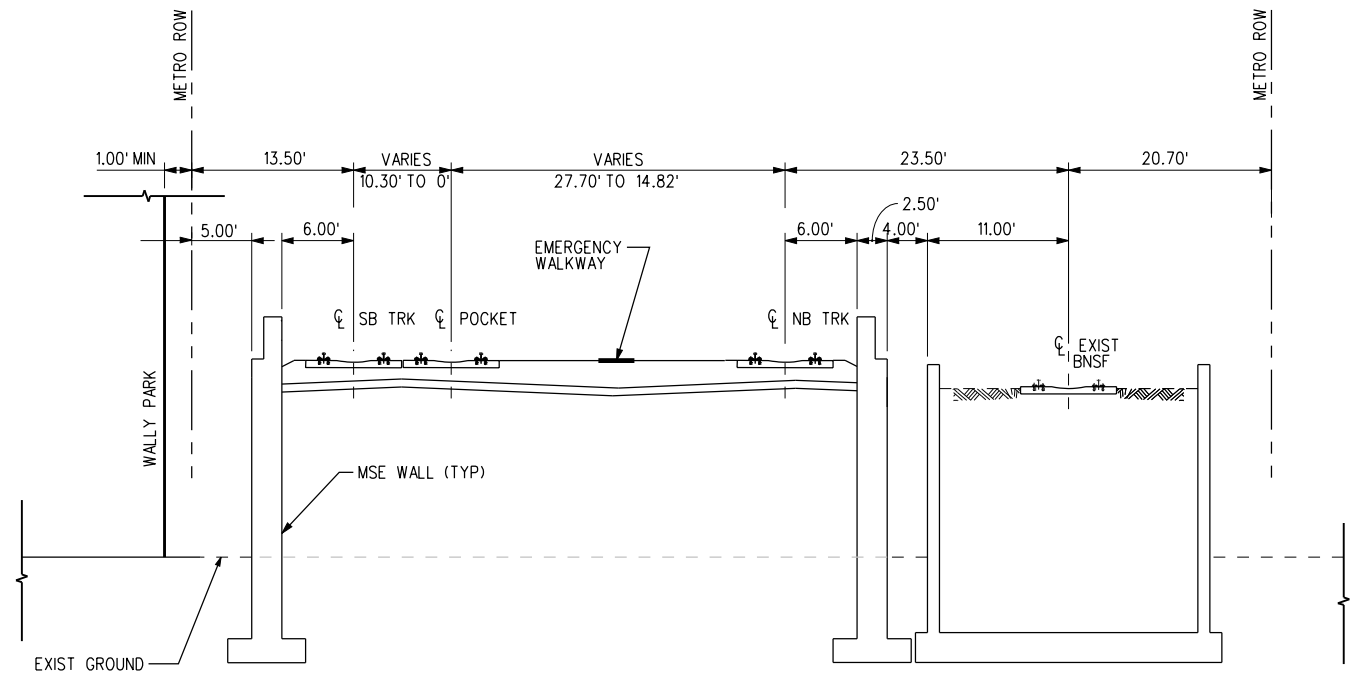
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TYP SECTION STA 82+00 TO 93+00 2  
C-503 C-009



TYP SECTION AT ROAD CROSSINGS 3  
C-503 C-010



TYP SECTION STA 75+00 TO 78+74 1  
C-503 C-008

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REV	DATE	BY	APP	REG NO	EXPIRES	SEAL HOLDER	DESCRIPTION

DESIGNED BY  
C. PETROV  
DRAWN BY  
Y. TANG  
CHECKED BY  
F. NOURBAKHSH  
IN CHARGE  
G. HEAD  
DATE  
12-10-10

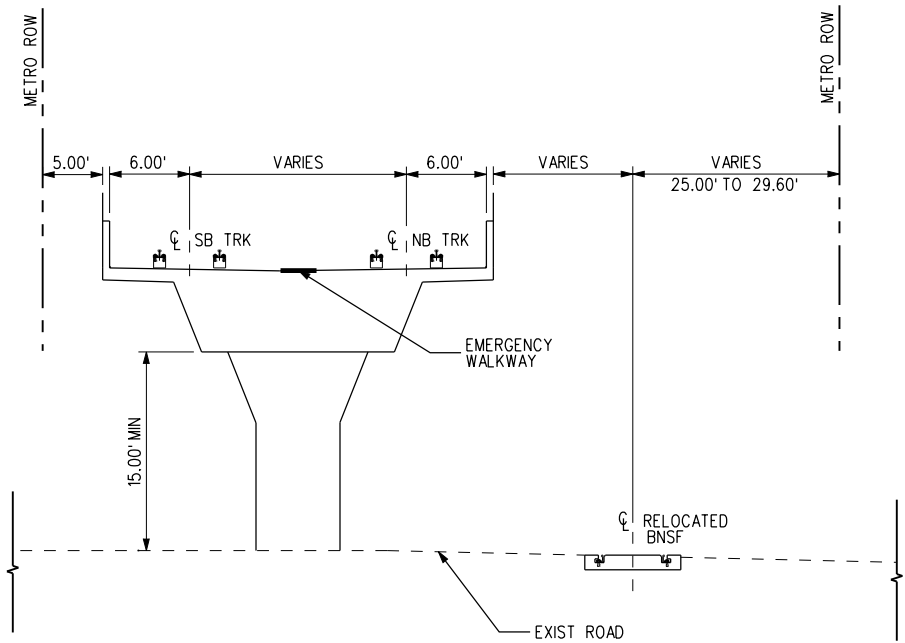
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LEE W ABRAMSON  
C44285

**M Metro** LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY

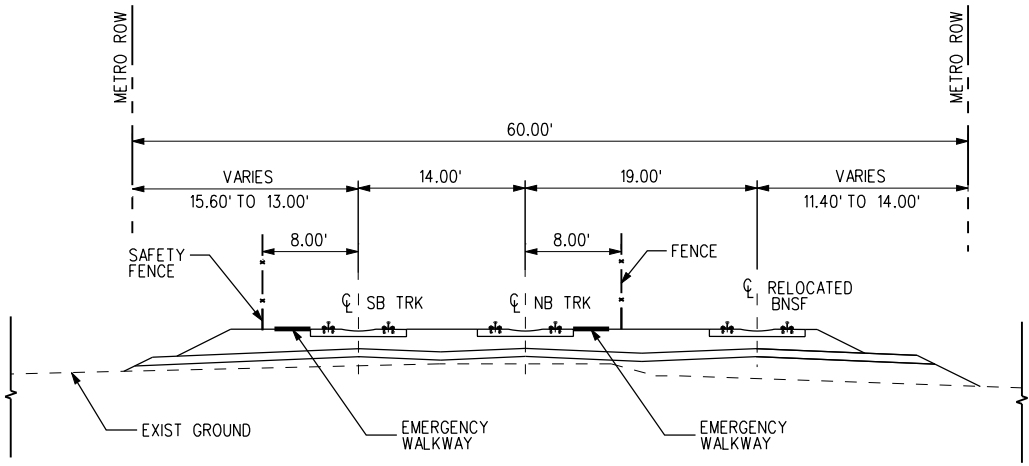
**Hatch Mott MacDonald**  
6151 W. Century Blvd. Suite 800  
Los Angeles, CA 90045  
Phone: 310-337-0500  
Fax: 310-337-0042

BASE PROJECT  
CRENSHAW/LAX  
TRANSIT CORRIDOR PROJECT  
TYPICAL CROSS-SECTIONS  
SHEET 4 OF 15

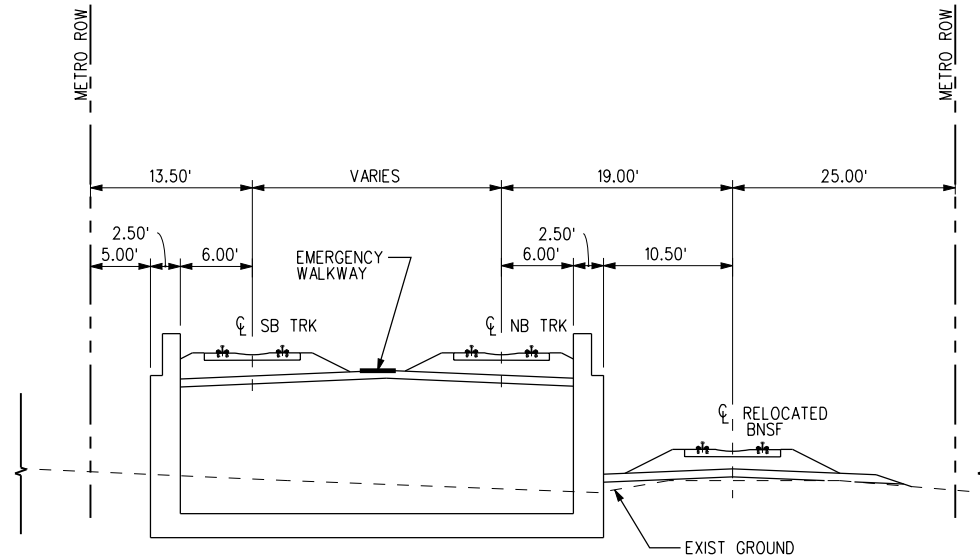
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SCALE	NTS
SHEET NO	208



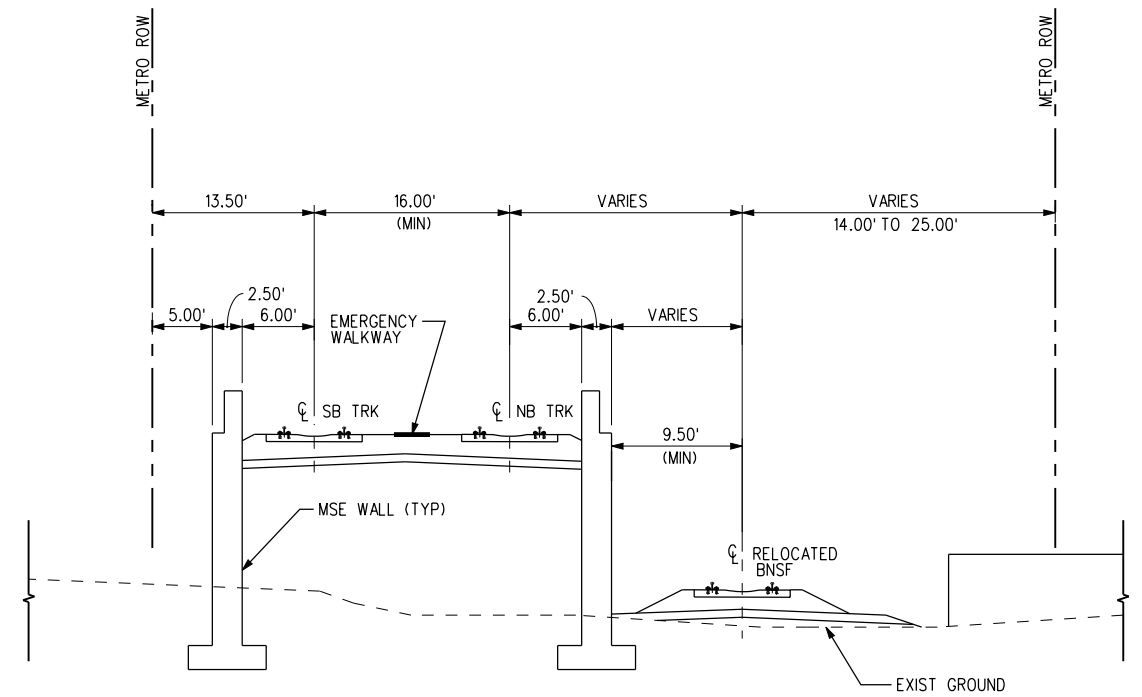
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C-504 C-012



TYP SECTION STA 94+50 TO 112+00 1  
C-504 C-011



TYP SECTION STA 124+70 TO 130+60.04 4  
C-504 C-013



TYP SECTION STA 112+43.87 TO 118+00 2  
C-504 C-012

BASE PROJECT  
**CRENSHAW/LAX**  
 TRANSIT CORRIDOR PROJECT  
 TYPICAL CROSS-SECTIONS  
 SHEET 5 OF 15

CONTRACT NO <b>E0117</b>	
DRAWING NO <b>C-504</b>	REV
SCALE <b>NTS</b>	
SHEET NO <b>209</b>	

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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 C. PETROV
DRAWN BY Y. TANG
CHECKED BY F. NOURBAKHSH
IN CHARGE G. HEAD
DATE 12-10-10

FOR REVIEW ONLY NOT FOR CONSTRUCTION  
 LEE W ABRAMSON  
 C44285

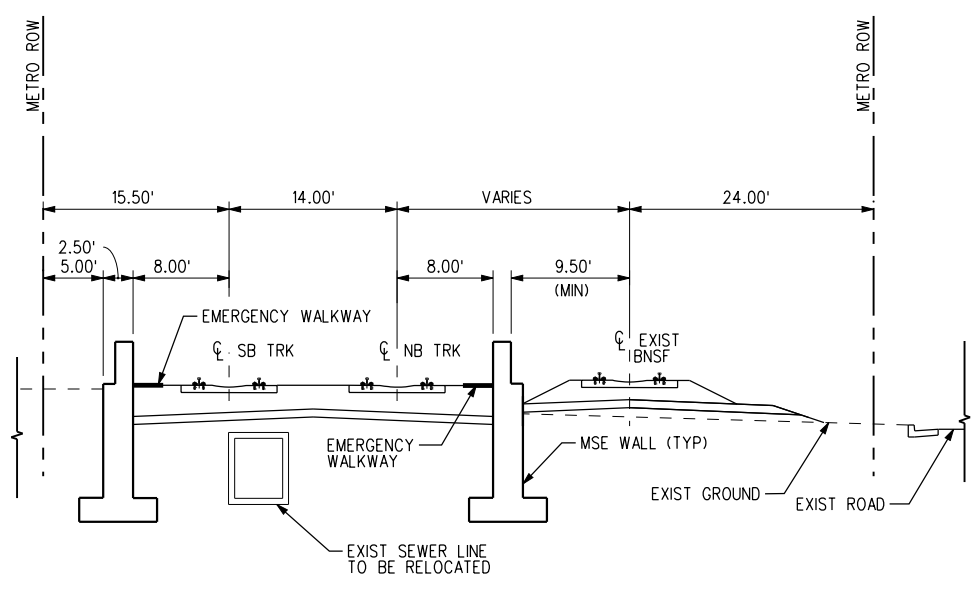
**LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY**  
**Hatch Mott MacDonald**  
6151 W. Century Blvd. Suite 800 Los Angeles, CA 90045 Phone: 310-337-0500 Fax: 310-337-0042

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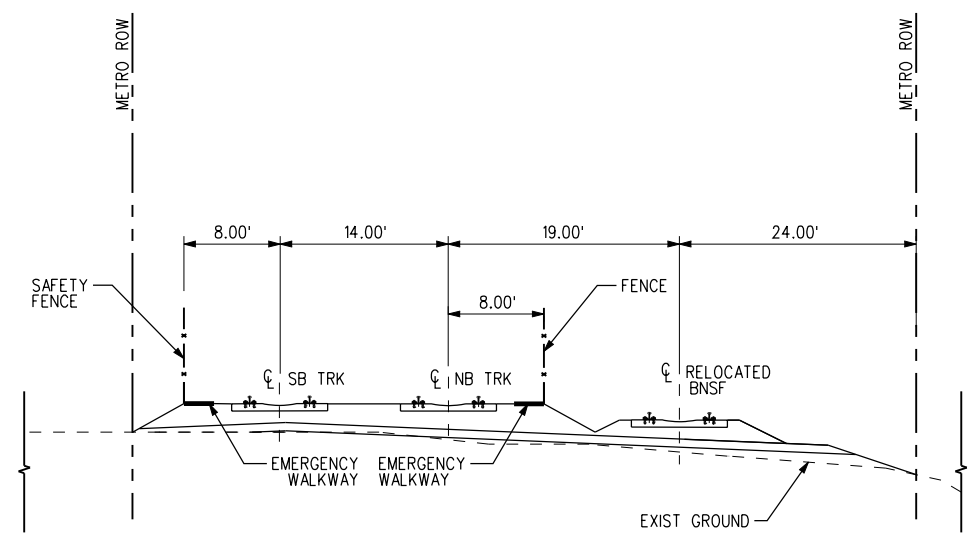
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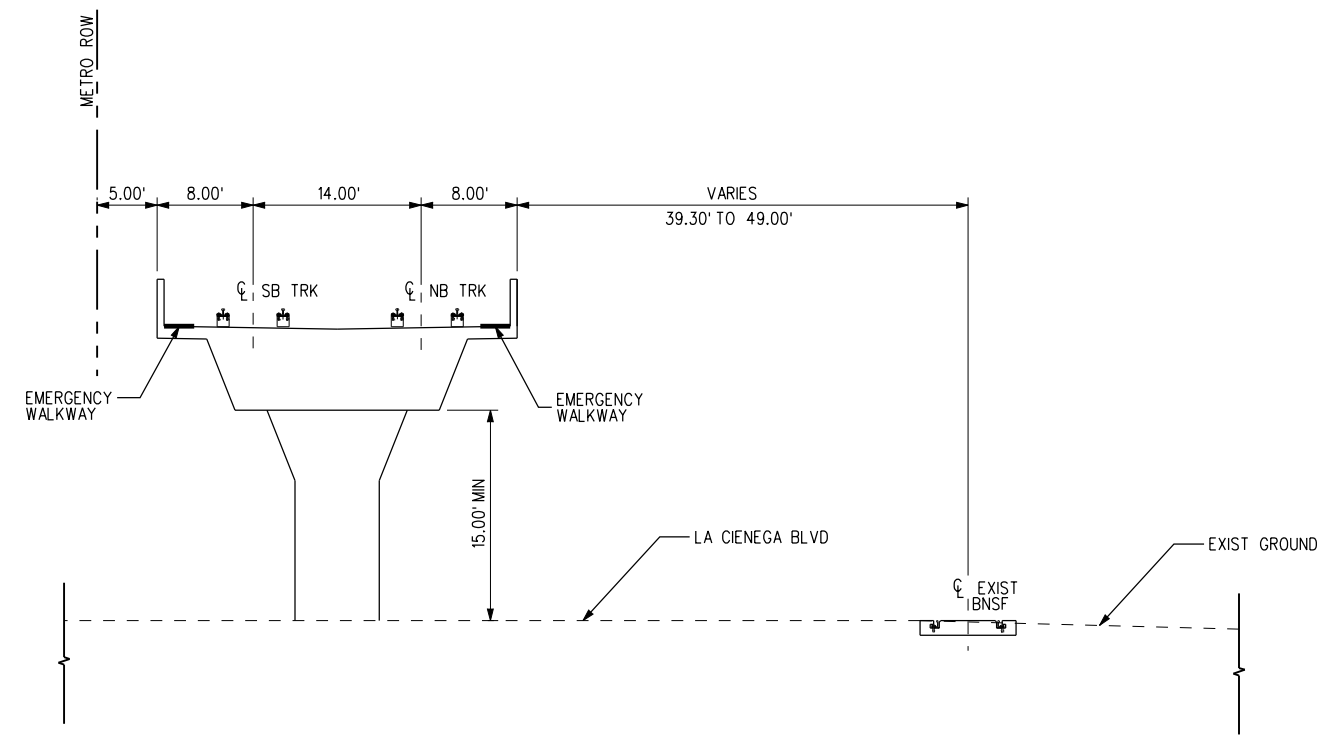
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C-505 C-014



TYP SECTION STA 132+46 TO 135+15 1  
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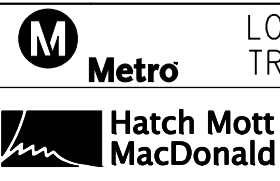


TYP SECTION STA 145+10 TO 147+00 3  
C-505 C-015

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REV	DATE	BY	APP	REG NO	EXPIRES	DESCRIPTION

DESIGNED BY	C. PETROV
DRAWN BY	Y. TANG
CHECKED BY	F. NOURBAKHS
IN CHARGE	G. HEAD
DATE	12-10-10

FOR REVIEW ONLY NOT FOR CONSTRUCTION  
LEE W ABRAMSON  
C44285

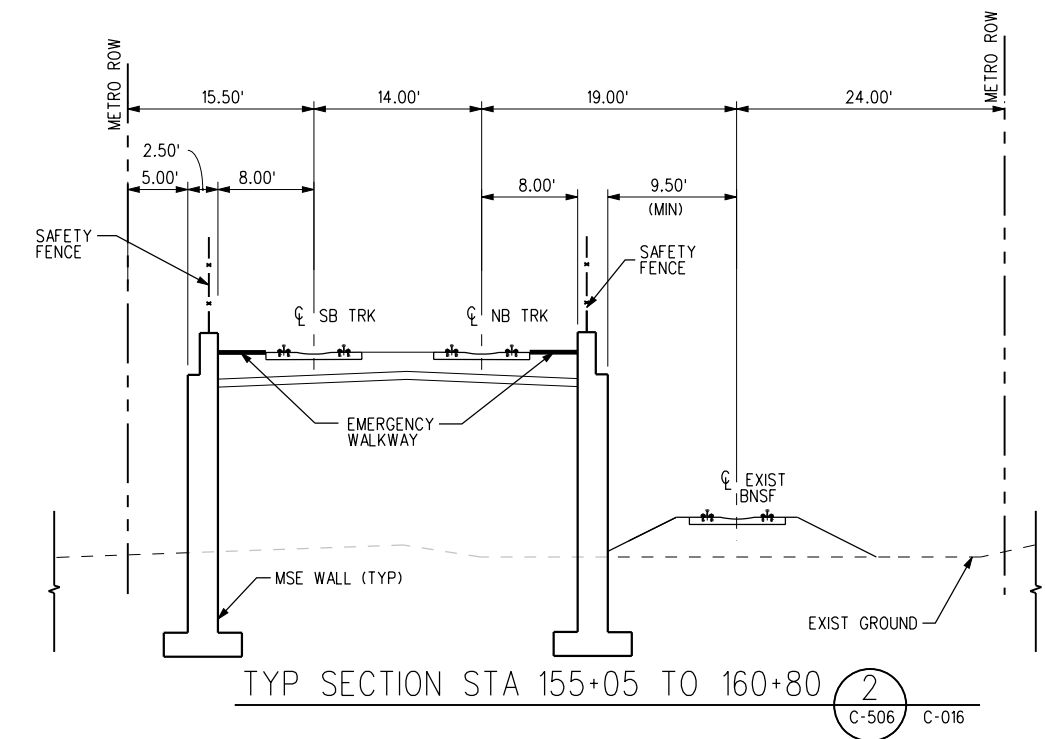
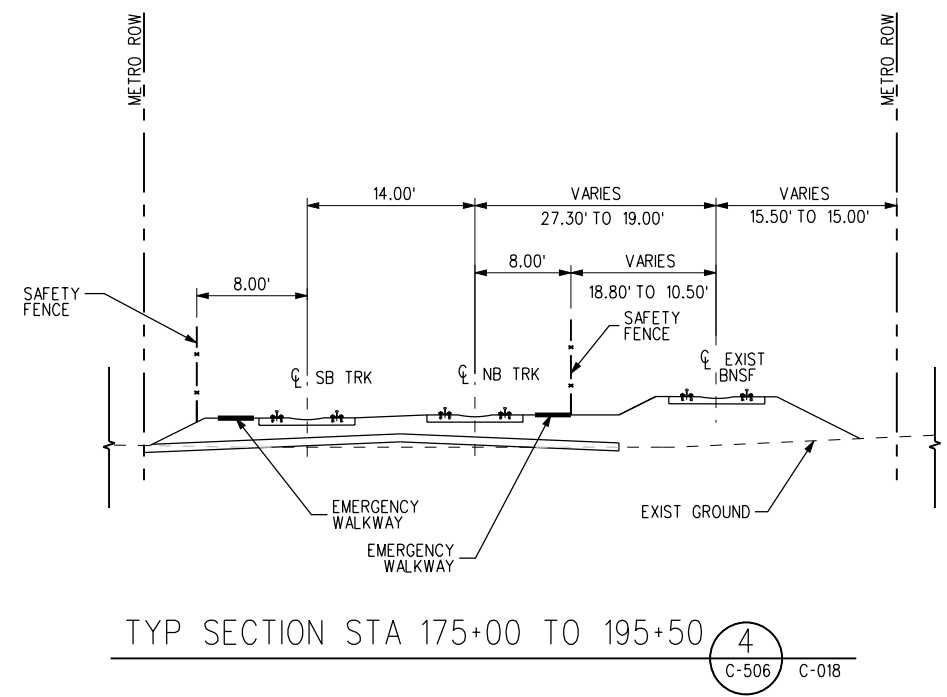
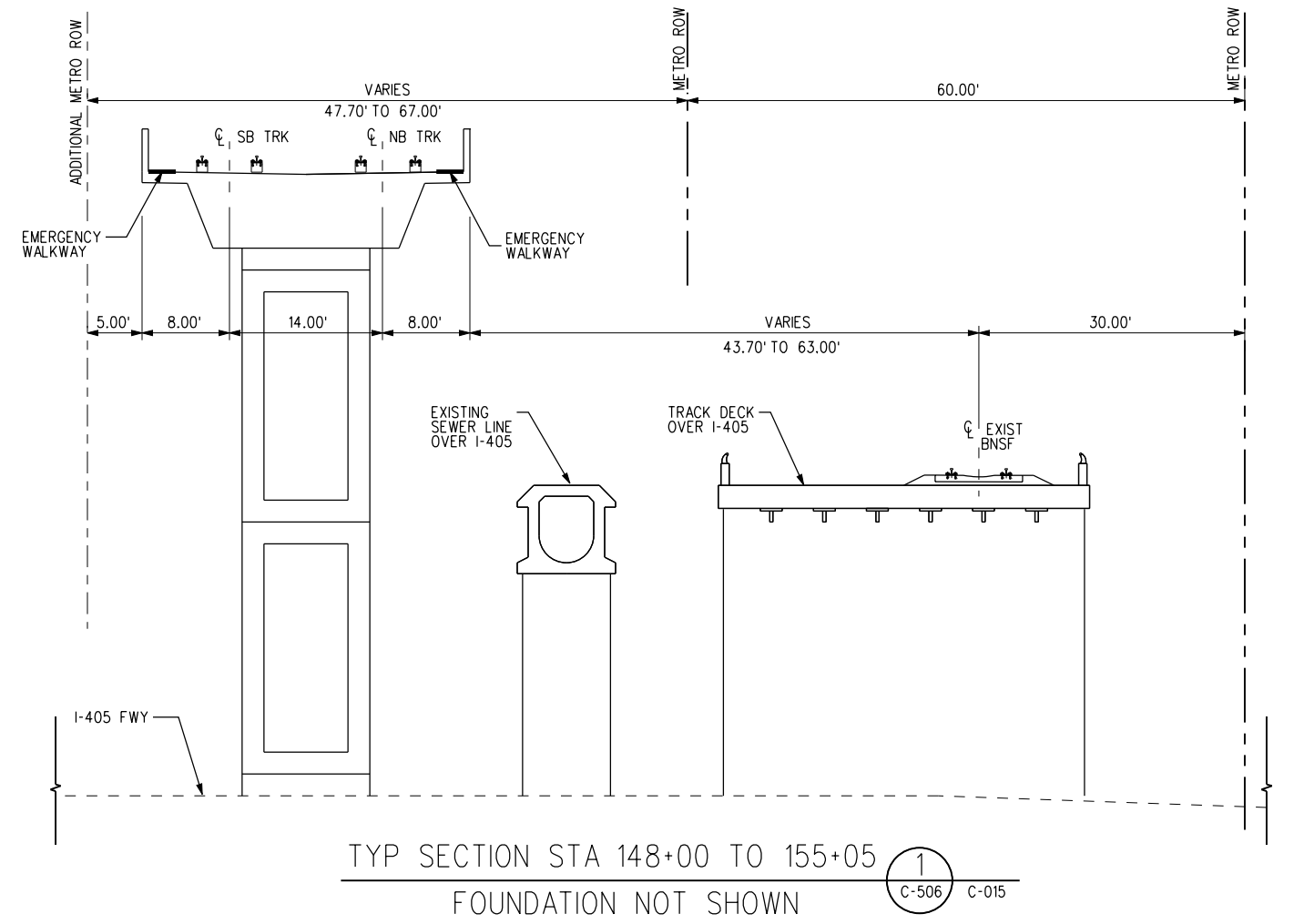
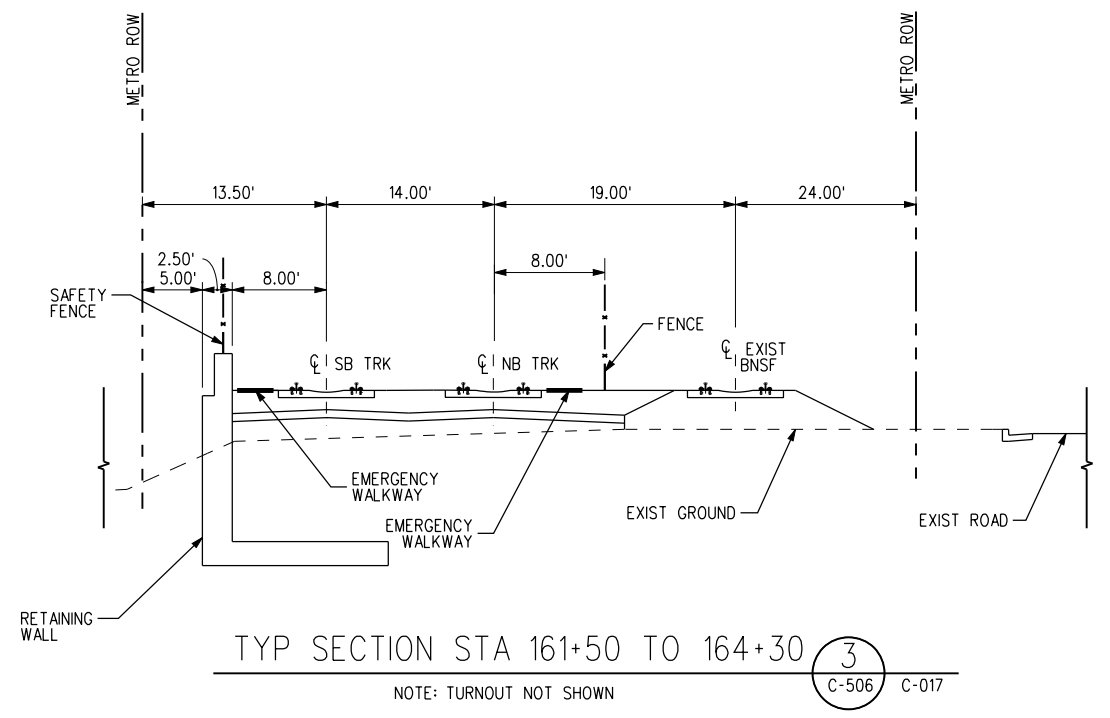


LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY  
6151 W. Century Blvd. Suite 800 Los Angeles, CA 90045  
Phone: 310-337-0500 Fax: 310-337-0042

BASE PROJECT  
CRENSHAW/LAX TRANSIT CORRIDOR PROJECT  
TYPICAL CROSS-SECTIONS  
SHEET 6 OF 15

CONTRACT NO	E0117
DRAWING NO	C-505
SCALE	NTS
SHEET NO	210

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BASE PROJECT

REV	DATE	BY	APP	REG NO	EXPIRES	SEAL HOLDER	DESCRIPTION

DESIGNED BY  
C. PETROV  
 DRAWN BY  
Y. TANG  
 CHECKED BY  
F. NOURBAKSH  
 IN CHARGE  
G. HEAD  
 DATE  
12-10-10

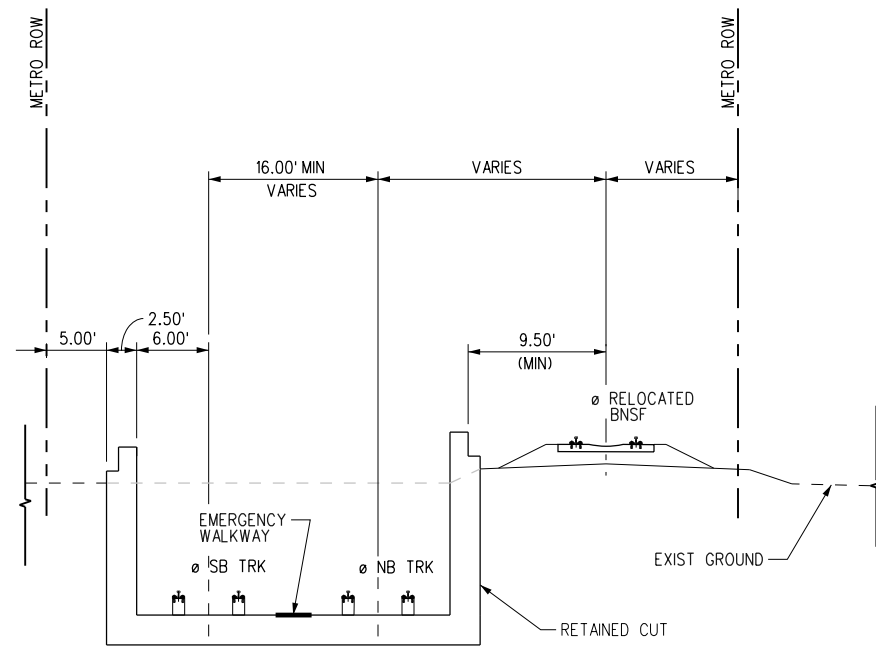
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 LEE W ABRAMSON  
 C44285

**Metro** LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY

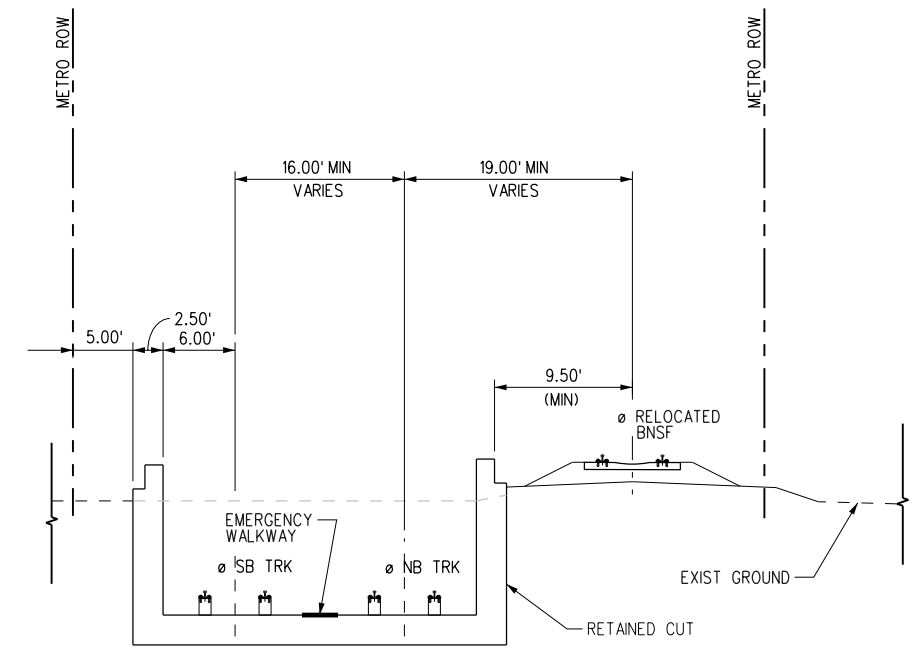
**Hatch Mott MacDonald**  
 6151 W. Century Blvd. Suite 800  
 Los Angeles, CA 90045  
 Phone: 310-337-0500  
 Fax: 310-337-0042

CRENSHAW/LAX TRANSIT CORRIDOR PROJECT  
 TYPICAL CROSS-SECTIONS  
 SHEET 7 OF 15

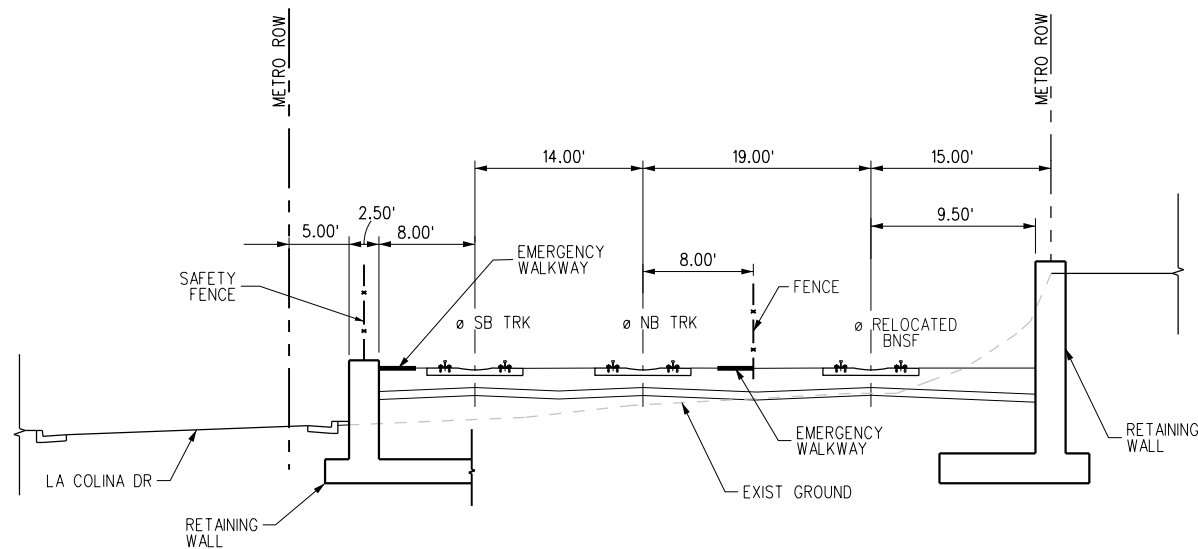
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SCALE	NTS
SHEET NO	211



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C-507 C-021



TYP SECTION STA 195+45 TO STA 201+50 1  
C-507 C-020



TYP SECTION STA 217+00 TO STA 221+00 4  
C-507 C-022

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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	C. PETROV	FOR REVIEW ONLY NOT FOR CONSTRUCTION					
DRAWN BY	O. STALLWORTH	LEE W ABRAMSON					
CHECKED BY	F. NOURBAKHSH	C44285					
IN CHARGE	G. HEAD						
DATE	08-12-11						
REV	DATE	BY	APP	REG NO	EXPIRES	SEAL HOLDER	DESCRIPTION

DESIGNED BY  
 C. PETROV  
 DRAWN BY  
 O. STALLWORTH  
 CHECKED BY  
 F. NOURBAKHSH  
 IN CHARGE  
 G. HEAD  
 DATE  
 08-12-11

**M Metro** LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY  
**Hatch Mott MacDonald**  
 6151 W. Century Blvd. Suite 800  
 Los Angeles, CA 90045  
 Phone: 310-337-0500 Fax: 310-337-0042

CRENSHAW/LAX TRANSIT CORRIDOR PROJECT  
 TYPICAL CROSS-SECTIONS  
 SHEET 8 OF 15

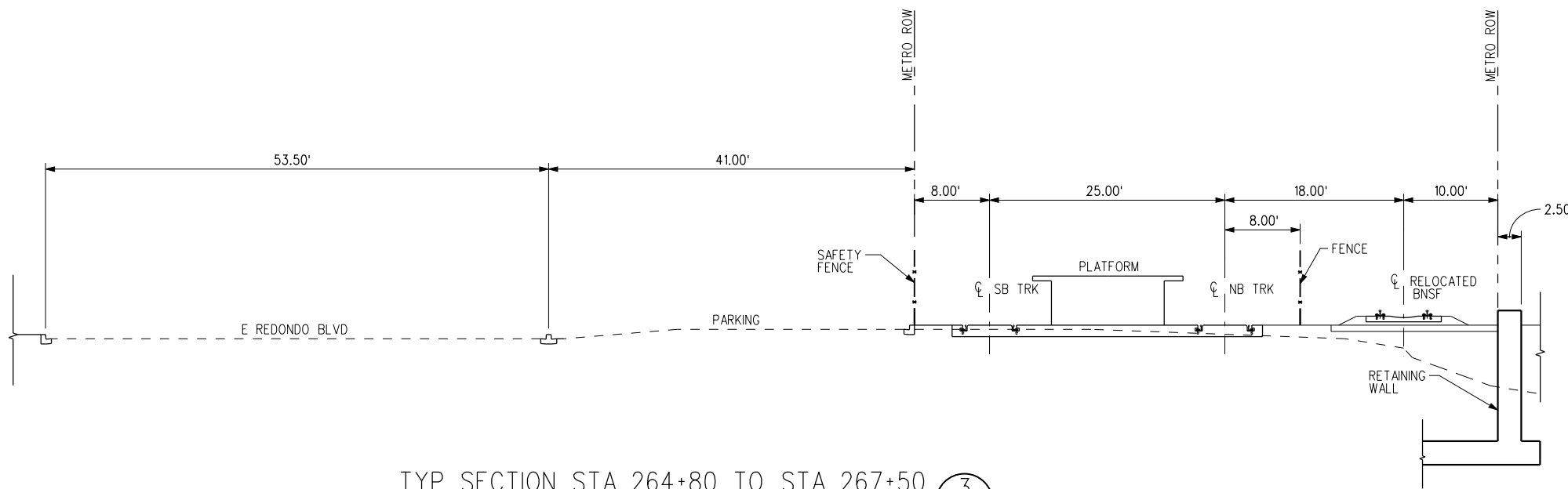
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DRAWING NO	C-507
SCALE	NTS
SHEET NO	212

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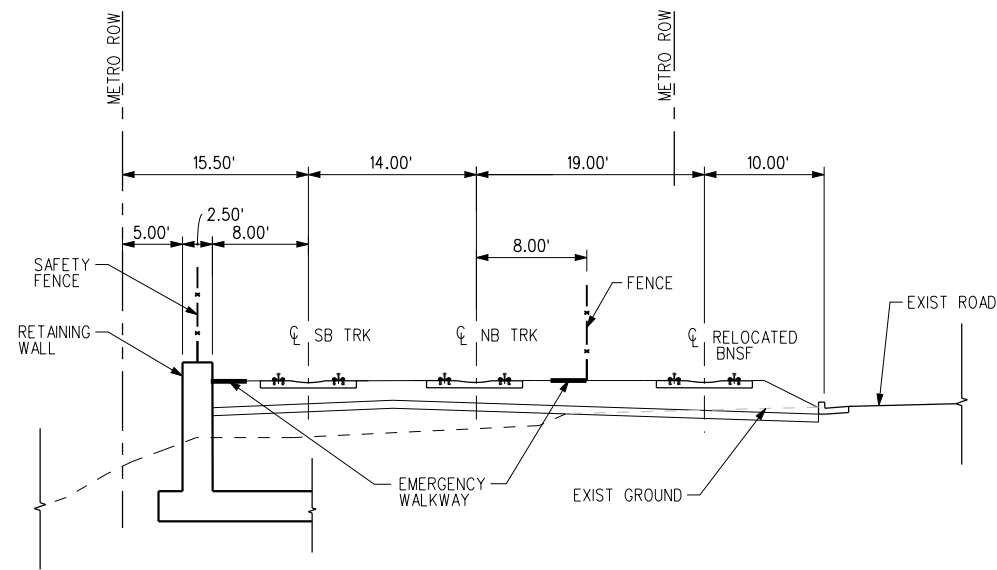
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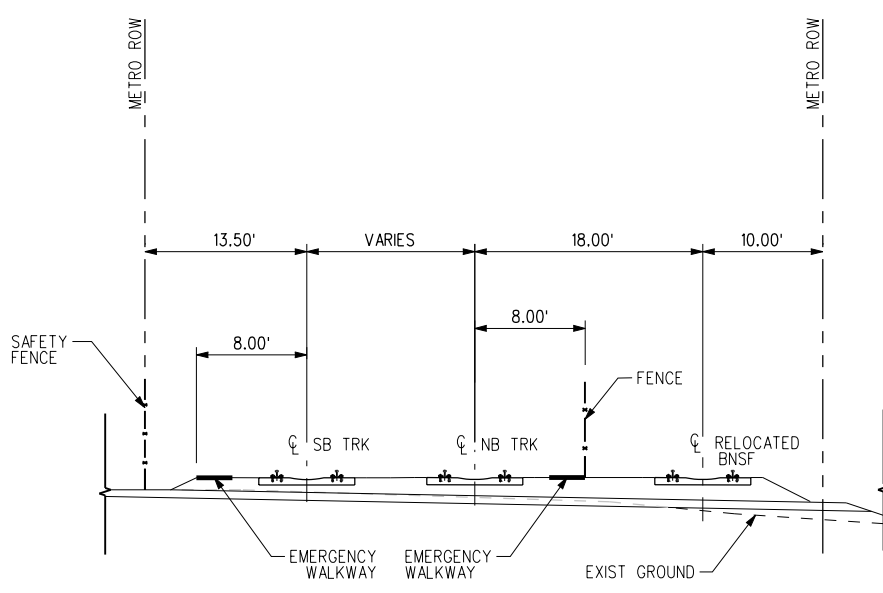
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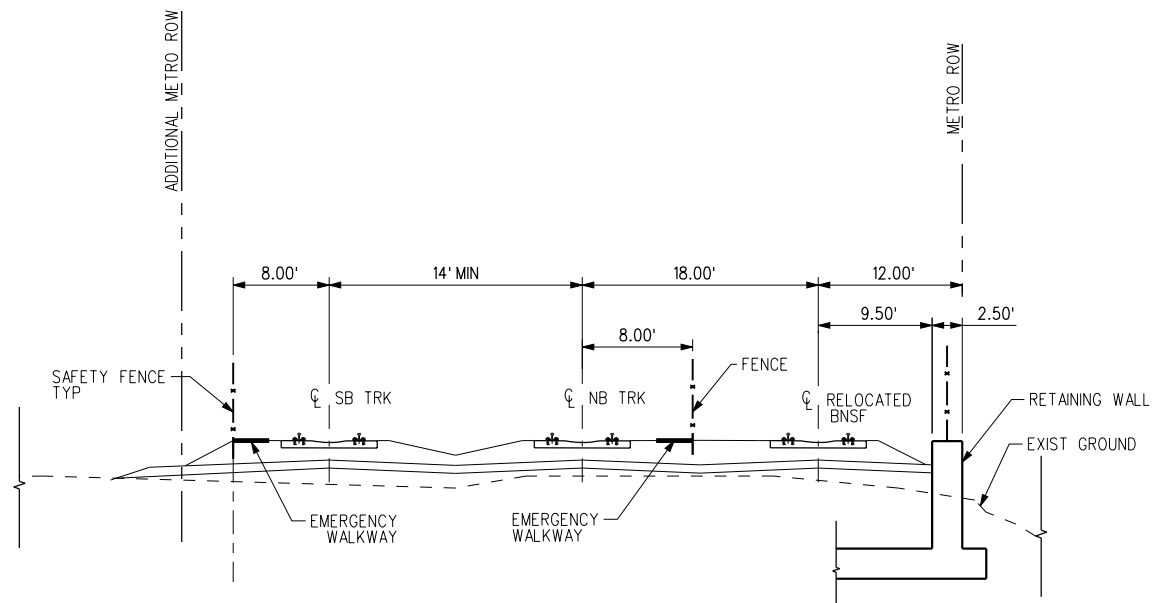
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C-508 C-027



TYP SECTION STA 228+00 TO STA 244+00 1  
C-508 C-023



TYP SECTION STA 270+00 TO STA 272+50 4  
C-508 C-027



TYP SECTION STA 258+50 TO STA 264+00 2  
C-508 C-026

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REV	DATE	BY	APP	REG NO	EXPIRES	SEAL HOLDER	DESCRIPTION

DESIGNED BY  
C. PETROV  
DRAWN BY  
O. STALLWORTH  
CHECKED BY  
F. NOURBAKHSH  
IN CHARGE  
G. HEAD  
DATE  
12-10-10

FOR REVIEW ONLY NOT FOR CONSTRUCTION  
LEE W ABRAMSON  
C44285

**M Metro** LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY

**Hatch Mott MacDonald**  
6151 W. Century Blvd. Suite 800  
Los Angeles, CA 90045  
Phone: 310-337-0500  
Fax: 310-337-0042

BASE PROJECT  
CRENSHAW/LAX TRANSIT CORRIDOR PROJECT  
TYPICAL CROSS SECTIONS  
SHEET 9 OF 15

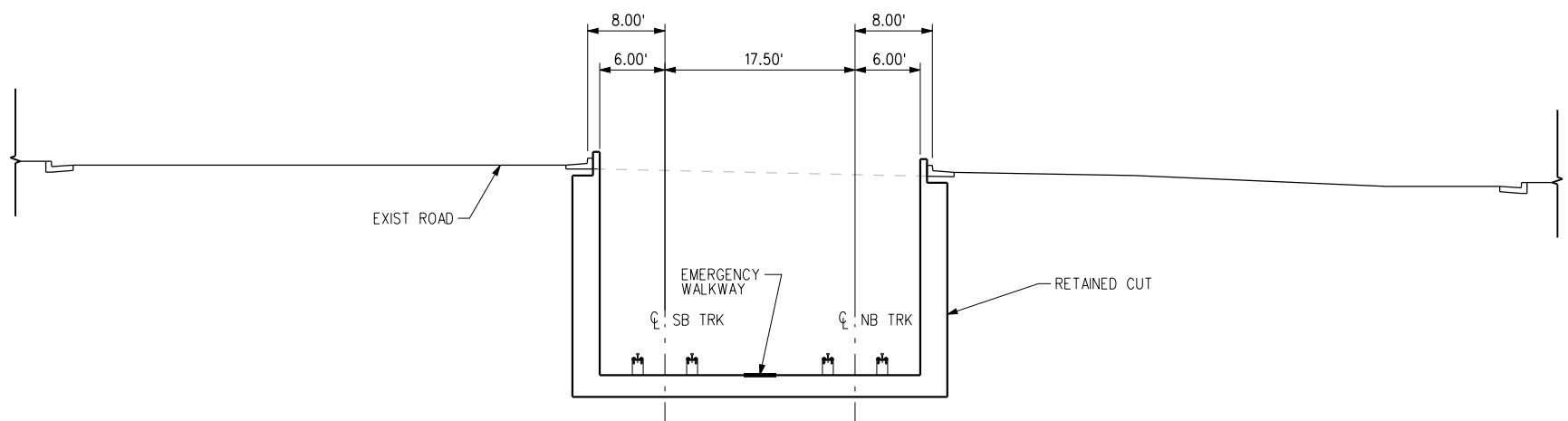
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DRAWING NO  
**C-508**  
SCALE  
**NTS**  
SHEET NO  
**213**

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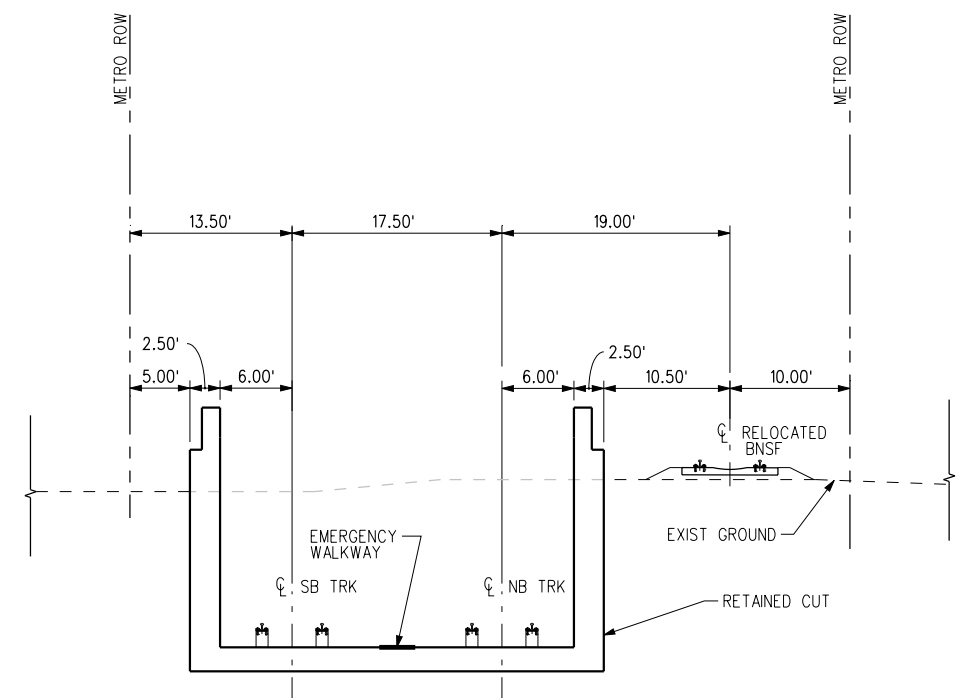
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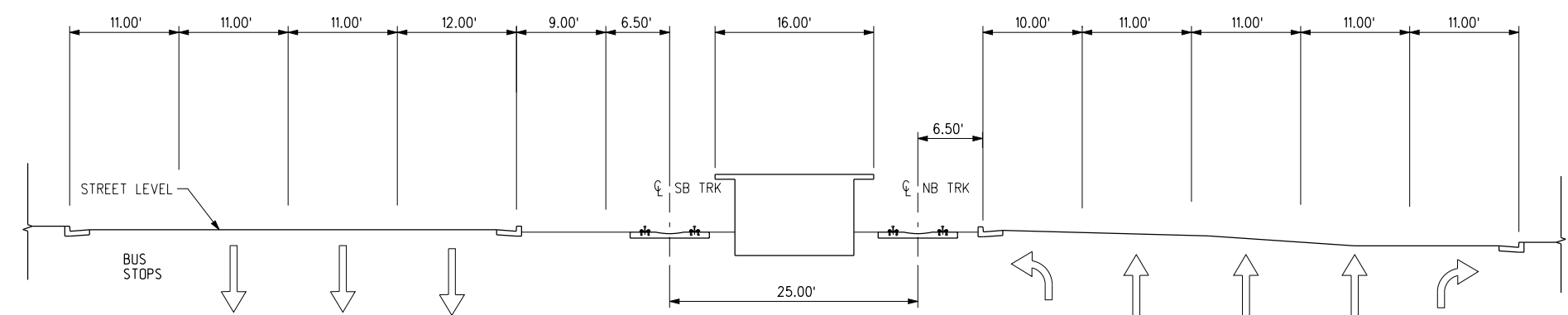
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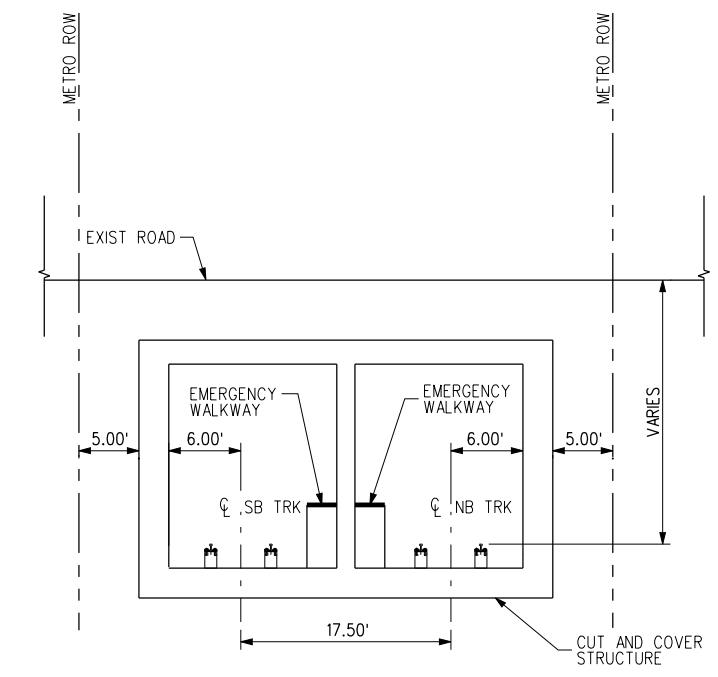
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C-509 C-031



TYP SECTION STA 272+50 TO STA 278+90 1  
C-509 C-028



TYP SECTION STA 320+30.60 TO STA 323+00 4  
C-509 C-032



TYP SECTION STA 278+90 TO STA 312+60 2  
C-509 C-030

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REV	DATE	BY	APP	REG NO	EXPIRES	SEAL HOLDER

DESIGNED BY  
C. PETROV  
DRAWN BY  
D. STALLWORTH  
CHECKED BY  
F. NOURBAKHSH  
IN CHARGE  
G. HEAD  
DATE  
12-10-10

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LEE W ABRAMSON  
C44285

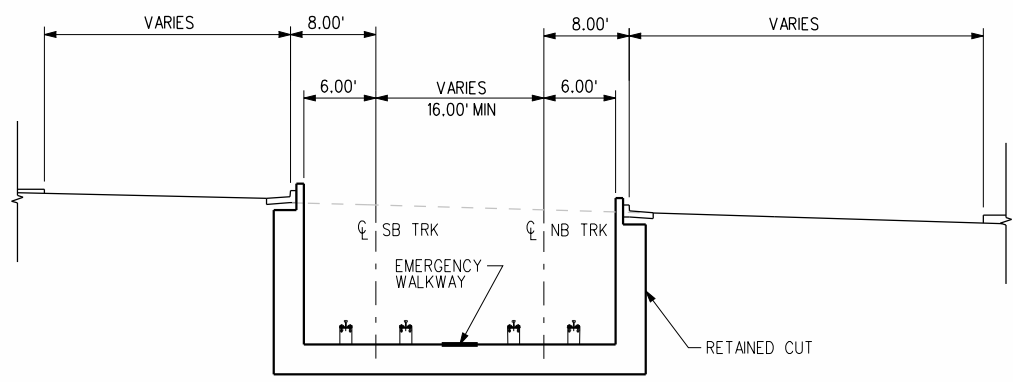
**M Metro** LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY

**Hatch Mott MacDonald**  
6151 W. Century Blvd. Suite 800  
Los Angeles, CA 90045  
Phone: 310-337-0500 Fax: 310-337-0042

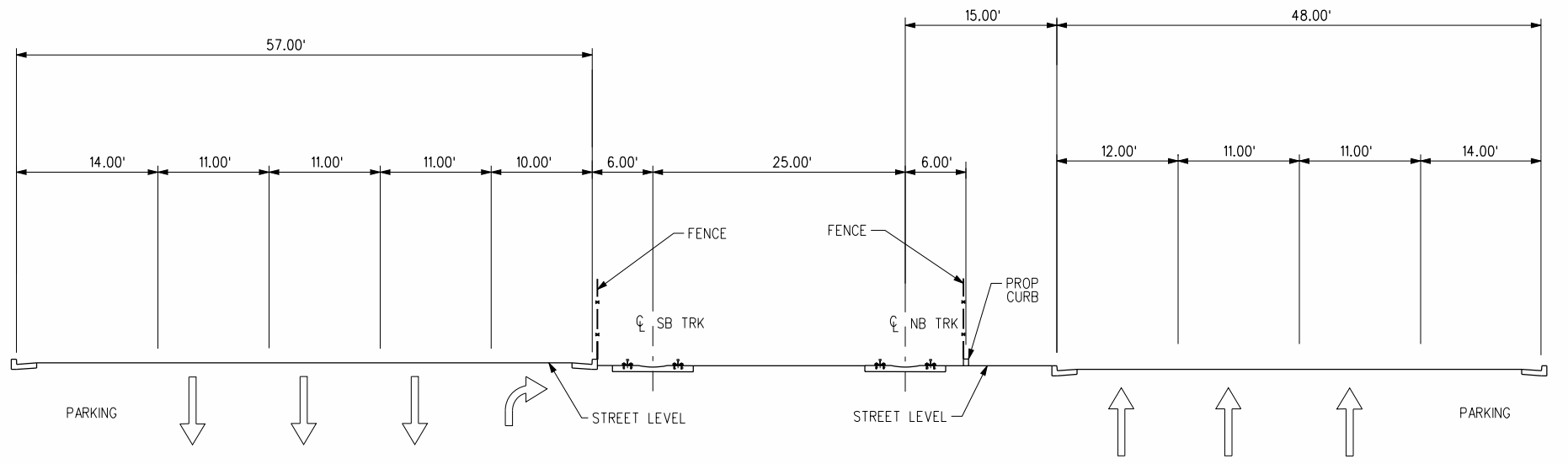
BASE PROJECT  
CRENSHAW/LAX TRANSIT CORRIDOR PROJECT  
PROJECT CROSS-SECTIONS  
SHEET 10 OF 15

CONTRACT NO	E0117
DRAWING NO	C-509
SCALE	NTS
SHEET NO	214

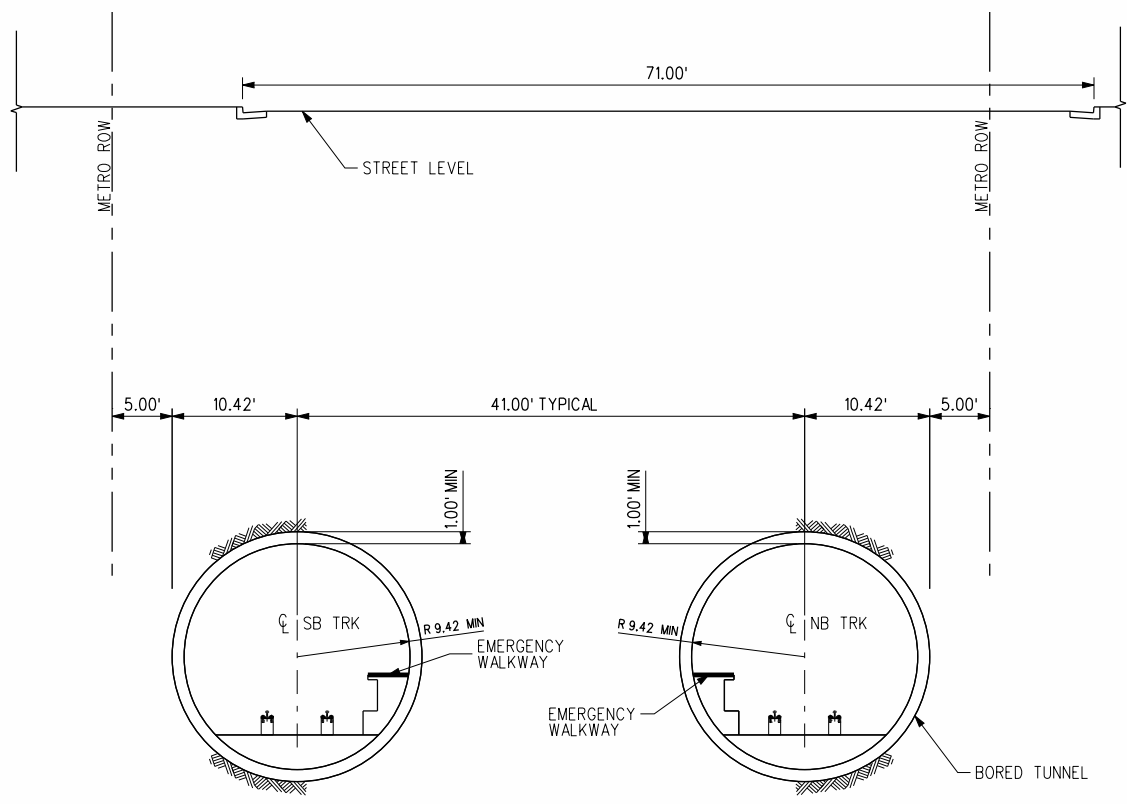
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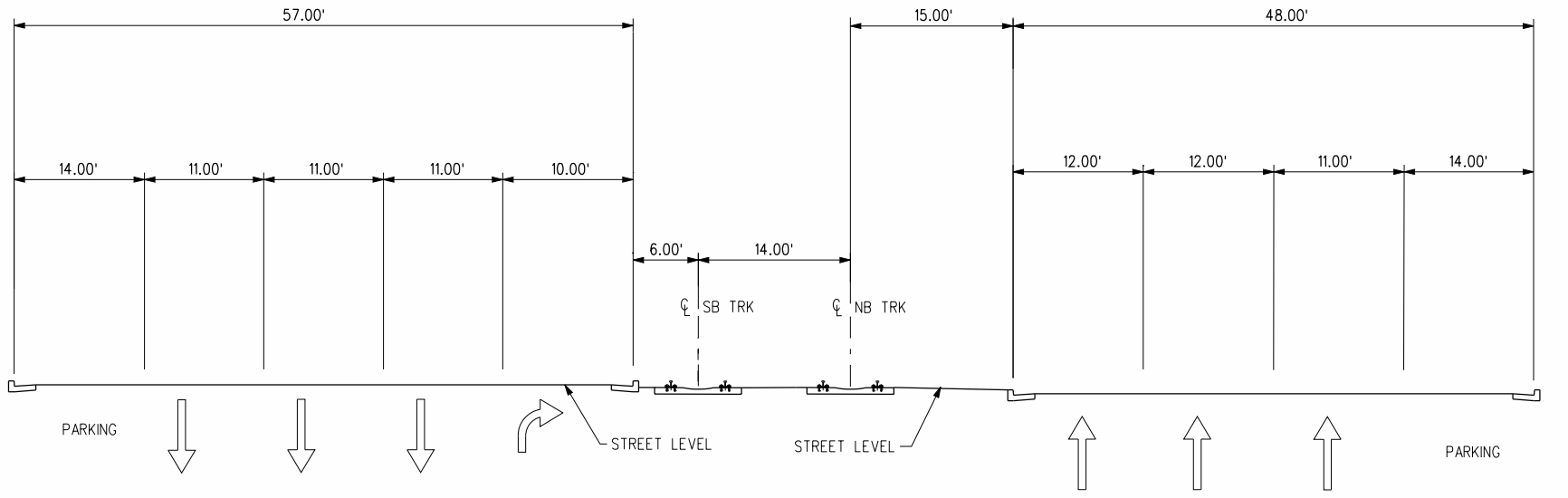
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C-510 C-037



TYP SECTION STA 325+00 TO STA 329+00 1  
C-510 C-033



TYP SECTION STA 376+06 TO STA 401+78.03  
AND STA 405+88.03 TO STA 440+61.40 4  
C-510 C-039 C-043  
C-040 C-044  
C-041 C-045  
C-042



TYP SECTION STA 334+00 TO STA 365+91.83 2  
C-510 C-034

BASE PROJECT

CRENSHAW/LAX  
TRANSIT CORRIDOR PROJECT  
PROJECT CROSS-SECTIONS  
SHEET 11 OF 15

CONTRACT NO	E0117
DRAWING NO	C-510
SCALE	NTS
SHEET NO	215

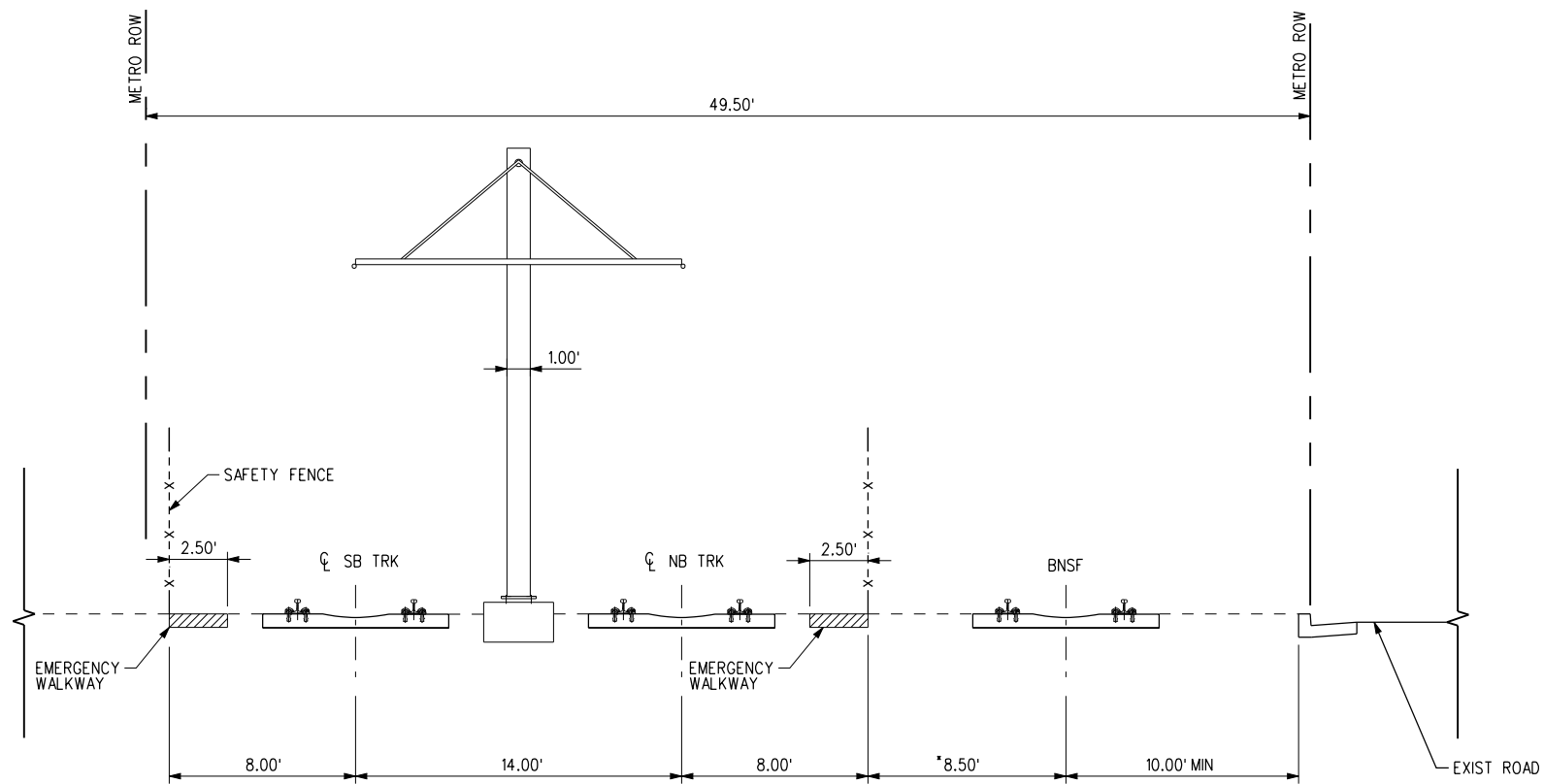
REV	DATE	BY	APP	REG NO	EXPIRES	SEAL HOLDER	DESCRIPTION

DESIGNED BY	C. PETROV
DRAWN BY	D. STALLWORTH
CHECKED BY	F. NOURBAKHSH
IN CHARGE	G. HEAD
DATE	12-10-10

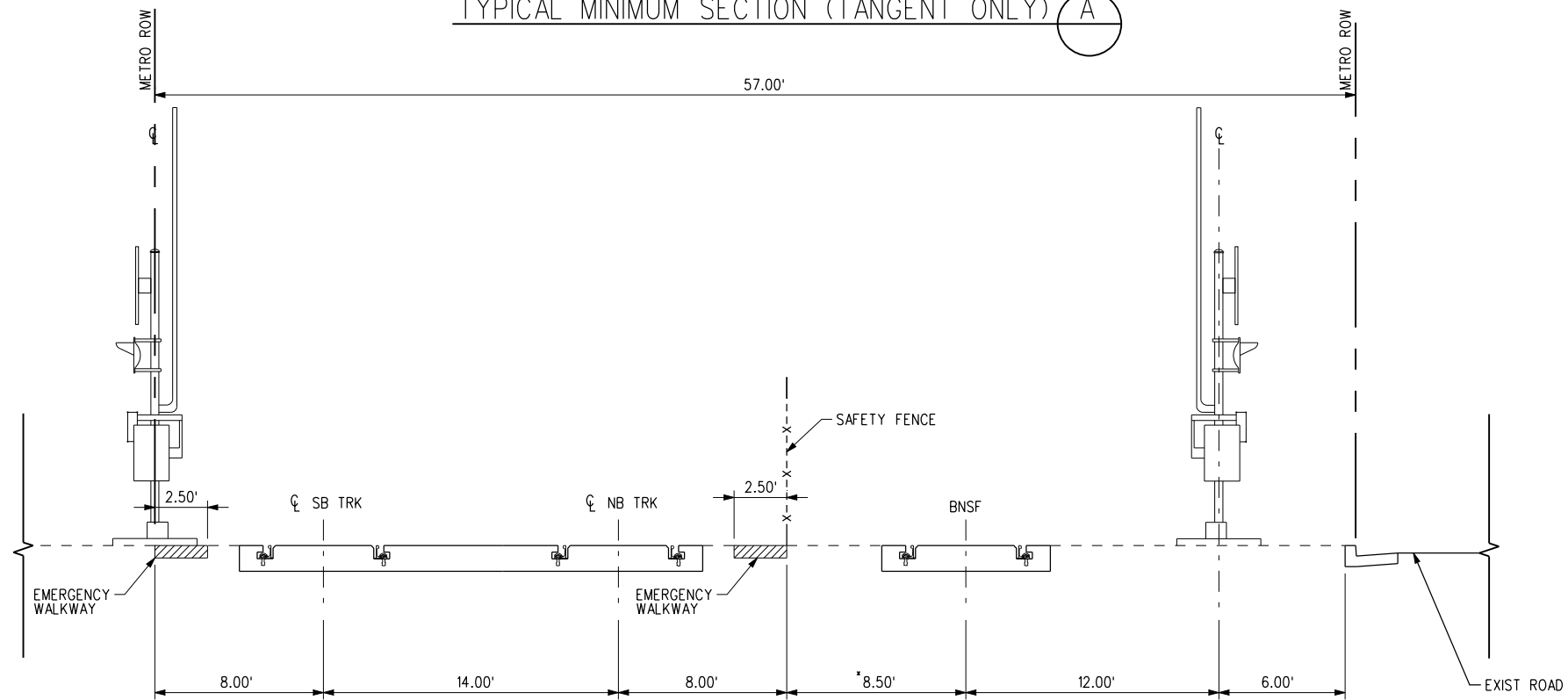
FOR REVIEW  
ONLY NOT FOR  
CONSTRUCTION  
LEE W ABRAMSON  
C44285

**LOS ANGELES COUNTY METROPOLITAN  
TRANSPORTATION AUTHORITY**

6151 W. Century Blvd.  
Suite 800  
Los Angeles, CA 90045  
Phone: 310-337-0500  
Fax: 310-337-0042



TYPICAL MINIMUM SECTION (TANGENT ONLY) (A)



TYPICAL AT-GRADE CROSSING (TANGENT ONLY) (B)

NOTE:

\* WIDEN TO 9.50' FOR CURVES

BASE PROJECT

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REV	DATE	BY	APP	REG NO	EXPIRES	SEAL HOLDER	DESCRIPTION

DESIGNED BY  
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DRAWN BY  
O. STALLWORTH  
CHECKED BY  
F. NOURBAKHSH  
IN CHARGE  
G. HEAD  
DATE  
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LEE W ABRAMSON  
C44285



**Metro**

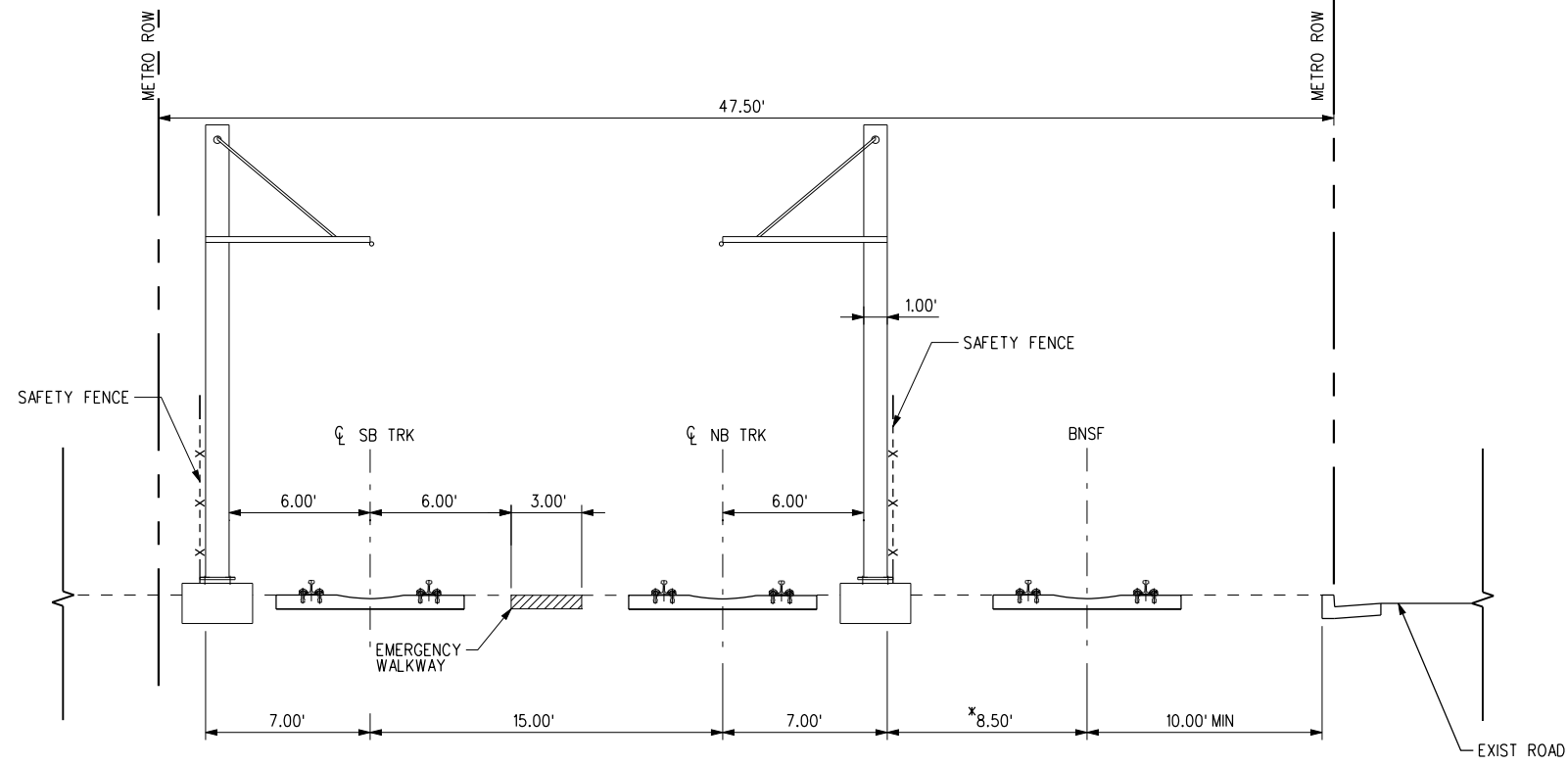
LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY



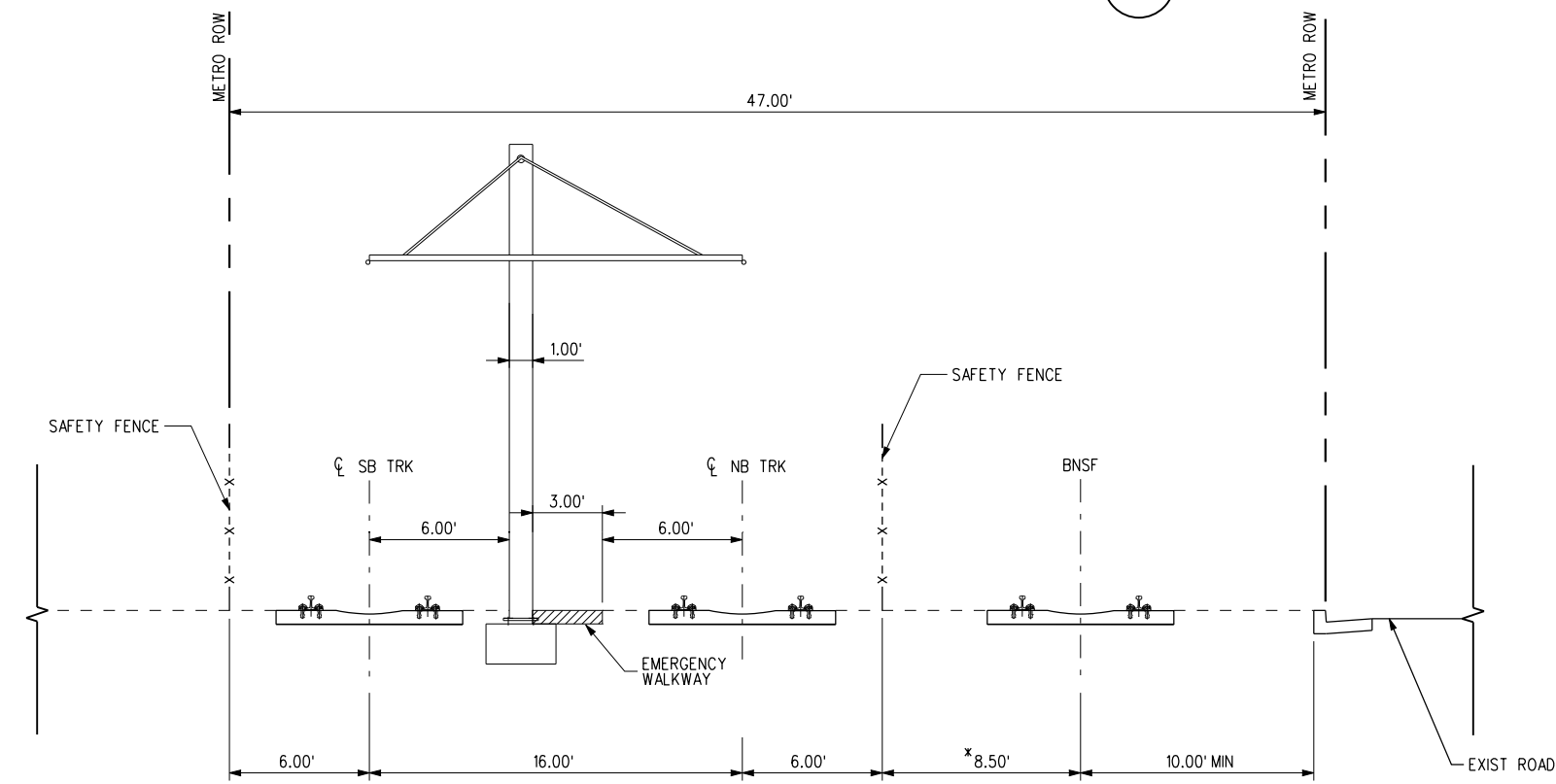
6151 W. Century Blvd. Suite 800 Los Angeles, CA 90045 Phone: 310-337-0500 Fax: 310-337-0042

CRENSHAW/LAX TRANSIT CORRIDOR PROJECT  
TYPICAL CROSS-SECTIONS  
SHEET 13 OF 15

CONTRACT NO	E0117
DRAWING NO	C-512
SCALE	NTS
SHEET NO	217



TYPICAL MINIMUM SECTION (TANGENT ONLY) C



TYPICAL MINIMUM SECTION (TANGENT ONLY) D

NOTE:  
\* WIDEN TO 9.50' FOR CURVES

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REV	DATE	BY	APP	REG NO	EXPIRES	SEAL HOLDER

DESIGNED BY  
C. PETROV  
DRAWN BY  
O. STALLWORTH  
CHECKED BY  
F. NOURBAKSH  
IN CHARGE  
G. HEAD  
DATE  
12-10-10

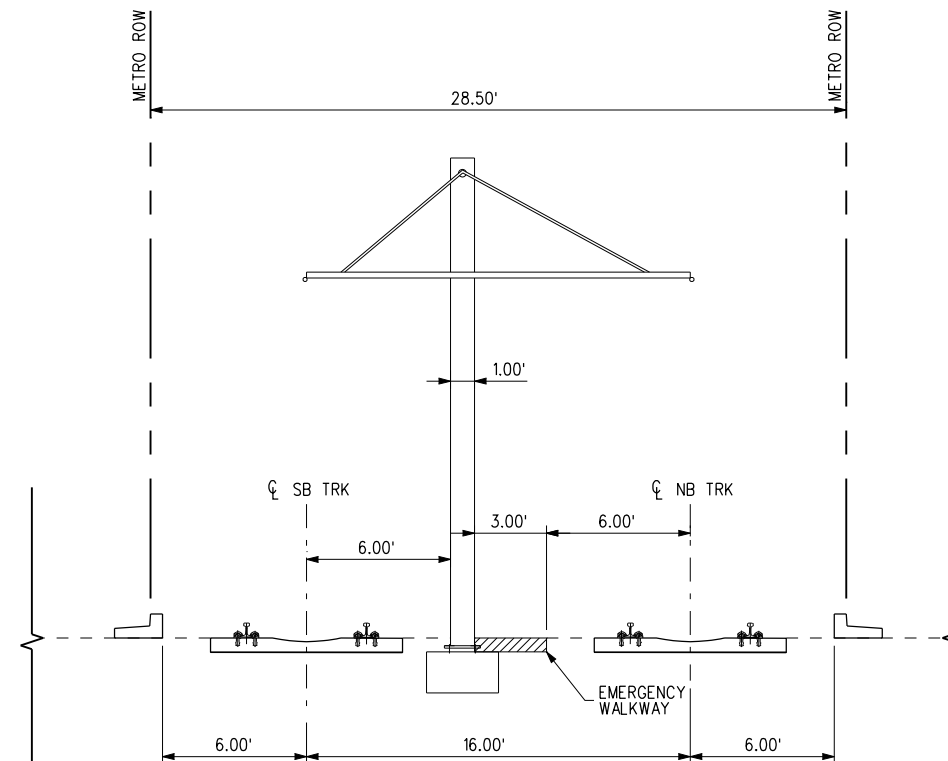
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LEE W ABRAMSON  
C44285

**M** Metro  
LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY

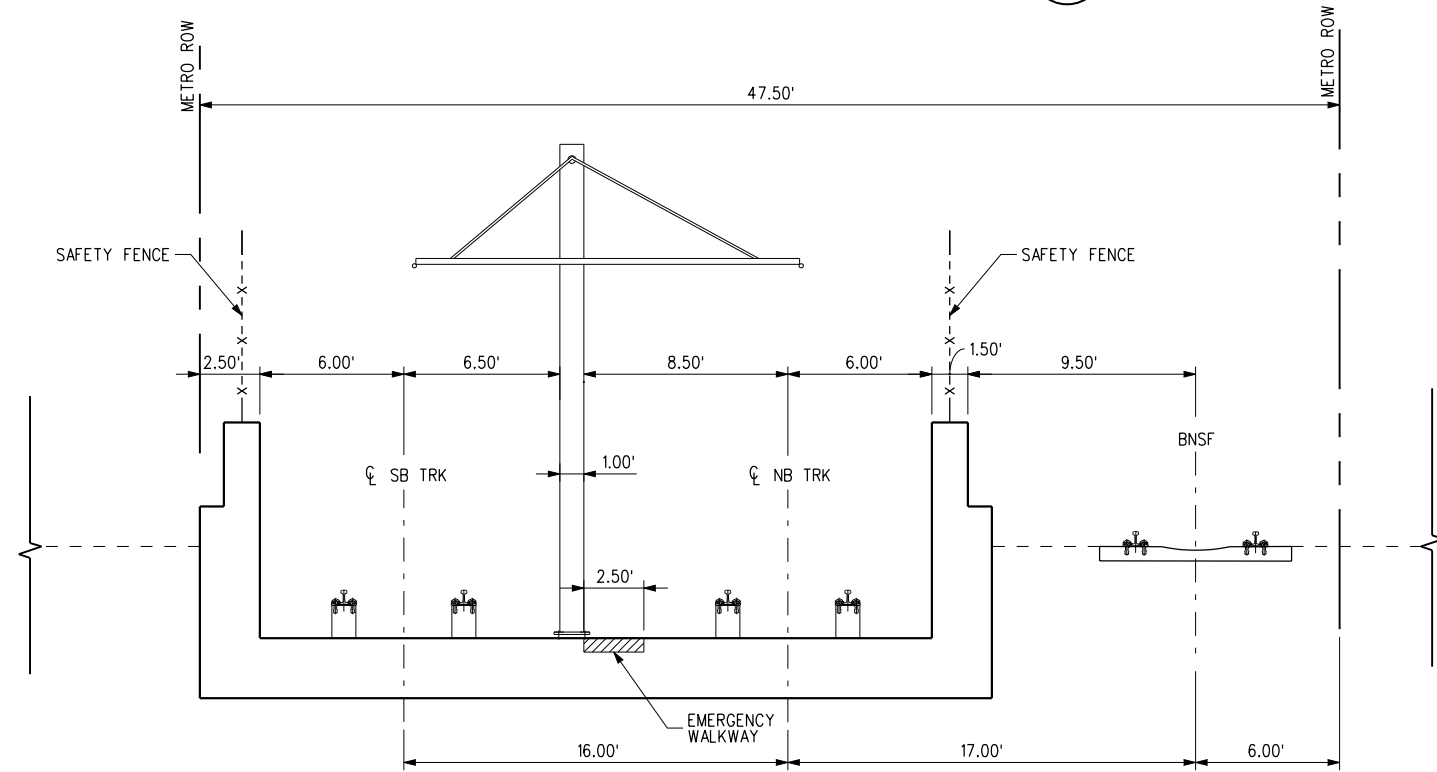
**Hatch Mott MacDonald**  
6151 W. Century Blvd. Suite 800  
Los Angeles, CA 90045  
Phone: 310-337-0500 Fax: 310-337-0042

BASE PROJECT  
CRENSHAW/LAX TRANSIT CORRIDOR PROJECT  
TYPICAL CROSS-SECTIONS SHEET 14 OF 15

CONTRACT NO	E0117
DRAWING NO	C-513
SCALE	NTS
SHEET NO	218



TYPICAL MINIMUM SECTION (TANGENT ONLY) (E)



TYPICAL SECTION AT U-WALL (TANGENT ONLY) (F)

NOTE:  
\* WIDEN TO 9.50' FOR CURVES

BASE PROJECT

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REV	DATE	BY	APP	REG NO	EXPIRES	SEAL HOLDER	DESCRIPTION

DESIGNED BY  
C. PETROV  
DRAWN BY  
O. STALLWORTH  
CHECKED BY  
F. NOURBAKSH  
IN CHARGE  
G. HEAD  
DATE  
12-10-10

FOR REVIEW ONLY NOT FOR CONSTRUCTION  
LEE W ABRAMSON  
C44285

**M** Metro  
**Hatch Mott MacDonald**  
 6151 W. Century Blvd. Suite 800  
 Los Angeles, CA 90045  
 Phone: 310-337-0500  
 Fax: 310-337-0042

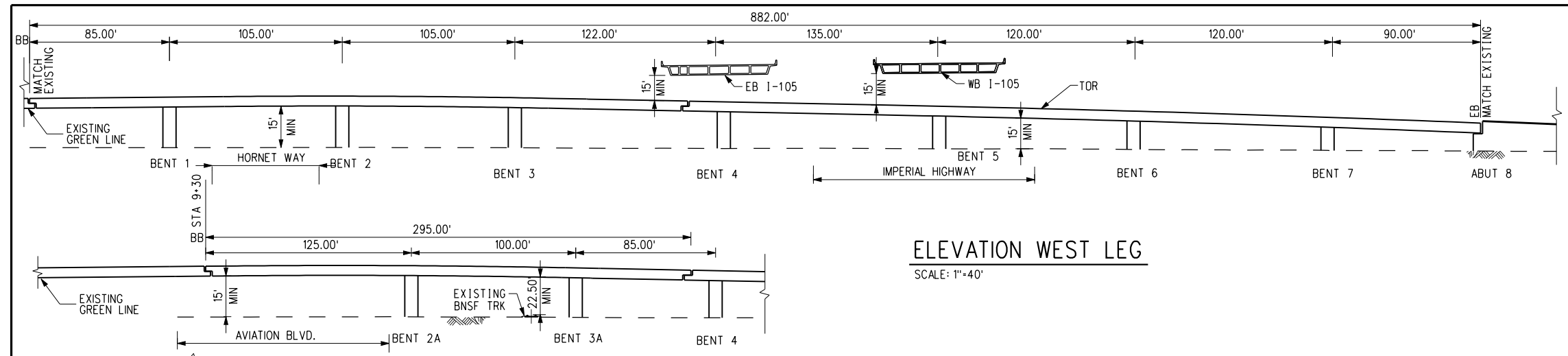
LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY

CRENSHAW/LAX TRANSIT CORRIDOR PROJECT  
 TYPICAL CROSS-SECTIONS  
 SHEET 15 OF 15

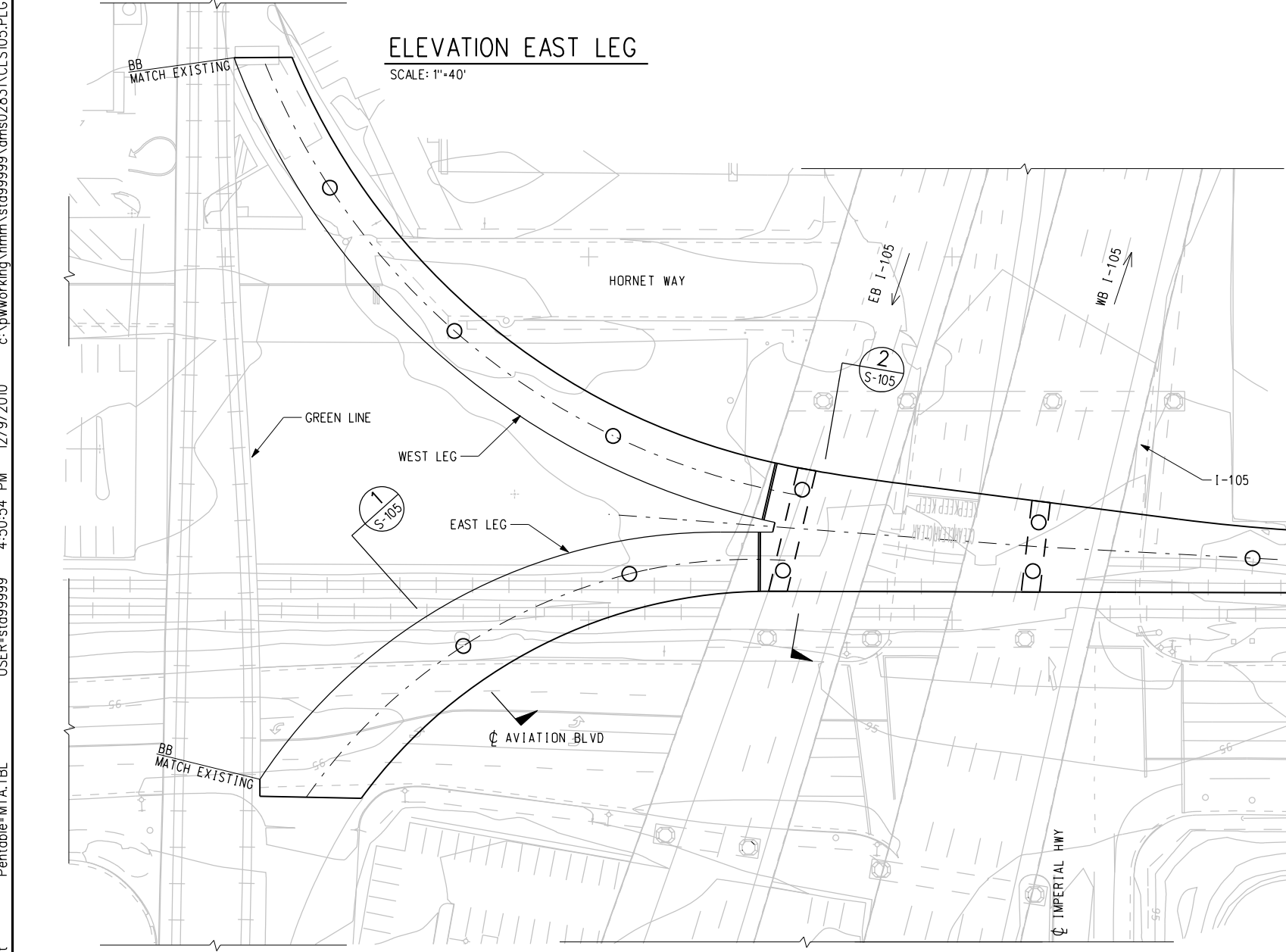
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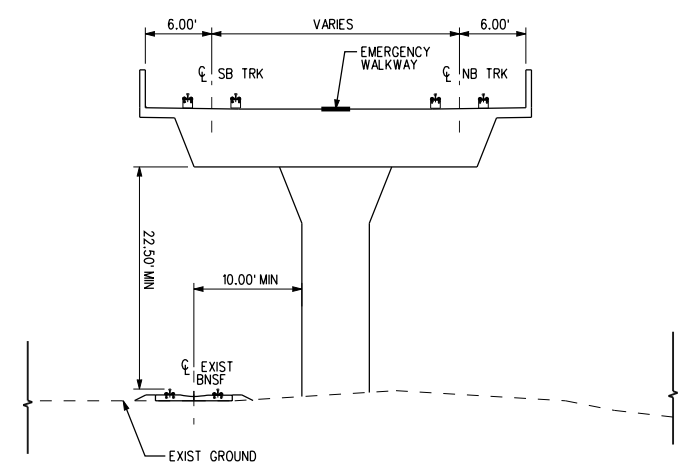
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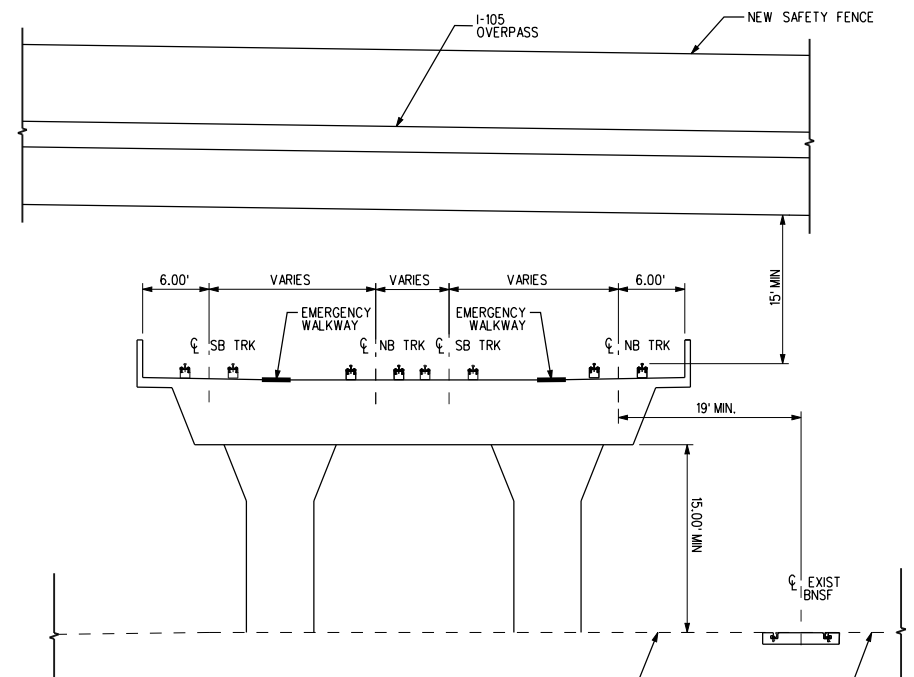
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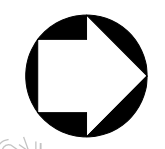
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SCALE: 1"=40'



**TYP SECTION 1**  
SCALE: 1"=10'  
S-105



**TYP SECTION 2**  
SCALE: 1"=10'  
S-105



**PLAN**  
SCALE: 1"=40'

BASE PROJECT

**CRENSHAW/LAX  
TRANSIT CORRIDOR PROJECT**  
INTERSTATE 105 UNDERCROSSING  
GENERAL PLAN

CONTRACT NO	E0117
DRAWING NO	S-105
SCALE	AS SHOWN
SHEET NO	266

REV	DATE	BY	APP	REG NO	EXPIRES	SEAL HOLDER	DESCRIPTION

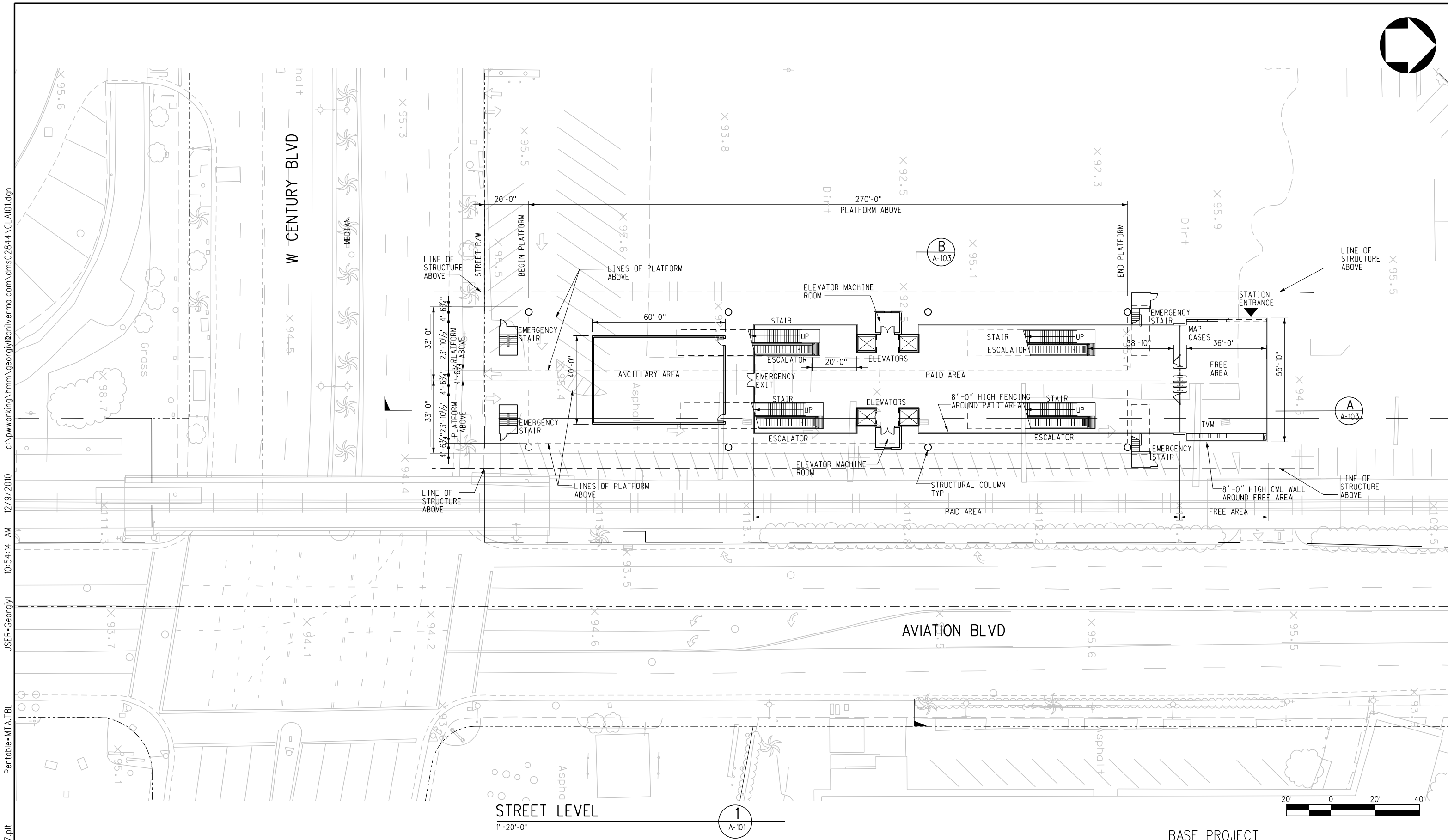
DESIGNED BY  
C. PETROV  
DRAWN BY  
Y. TANG  
CHECKED BY  
F. NOURBAKHSH  
IN CHARGE  
G. HEAD  
DATE  
12-10-10

FOR REVIEW  
ONLY NOT FOR  
CONSTRUCTION  
LEE W ABRAMSON  
C44285



**LOS ANGELES COUNTY METROPOLITAN  
TRANSPORTATION AUTHORITY**  
6151 W. Century Blvd.  
Suite 800  
Los Angeles, CA 90045  
Phone: 310-337-0500  
Fax: 310-337-0042





STREET LEVEL  
1"=20'-0"

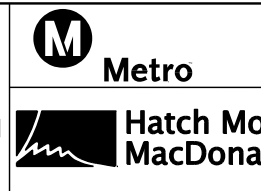
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A-101



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REV	DATE	BY	APP	REG NO	EXPIRES	SEAL HOLDER

DESIGNED BY  
S. DEBNATH  
DRAWN BY  
H. ANGELES  
CHECKED BY  
M. PEKA  
IN CHARGE  
A. VERMA  
DATE  
12-10-10

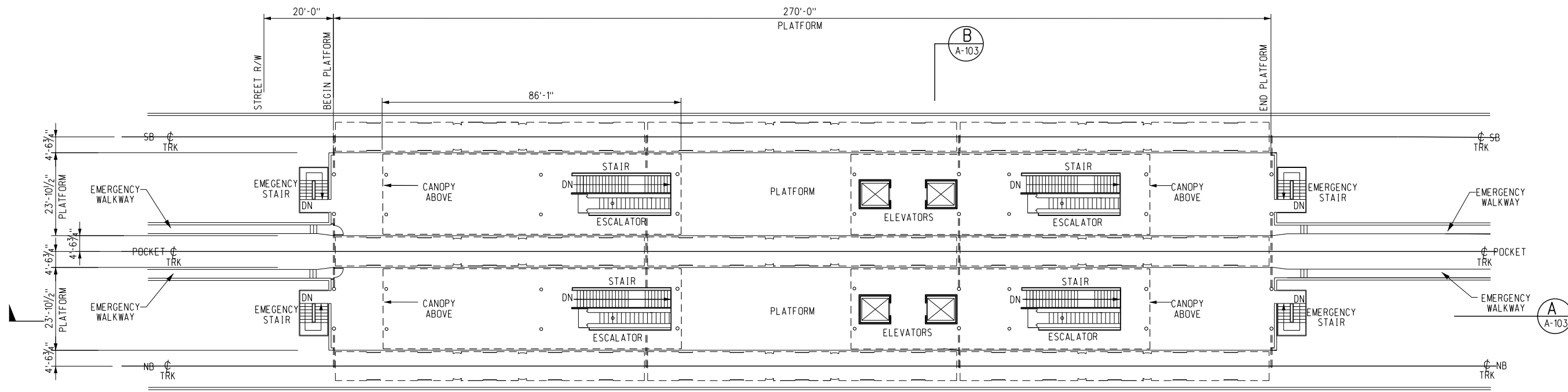
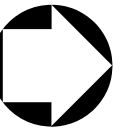
FOR REVIEW ONLY NOT FOR CONSTRUCTION  
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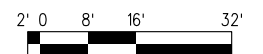
LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY  
6151 W. Century Blvd. Suite 800 Los Angeles, CA 90045 Phone: 310-337-0500 Fax: 310-337-0042  
Anil Verma Associates, Inc. 414 SOUTH FLOWER STREET, SUITE 1600, LOS ANGELES, CA 90071

BASE PROJECT  
CRENSHAW/LAX TRANSIT CORRIDOR PROJECT  
AVIATION/CENTURY AERIAL STATION  
STREET LEVEL  
CONTRACT NO E0117  
DRAWING NO A-101  
SCALE 1"=20'-0"  
SHEET NO 268

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PLATFORM LEVEL PLAN  
 1/16"=1'-0" (1 A-102)



BASE PROJECT  
 CRENSHAW/LAX  
 TRANSIT CORRIDOR PROJECT  
 AVIATION/CENTURY AERIAL STATION  
 PLATFORM LEVEL

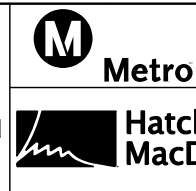
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SCALE	1/16"=1'-0"
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REV	DATE	BY	APP	REG NO	EXPIRES	SEAL HOLDER	DESCRIPTION

DESIGNED BY	S. DEBNATH
DRAWN BY	H. ANGELES
CHECKED BY	M. PEKA
IN CHARGE	A. VERMA
DATE	12-10-10

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 C44285



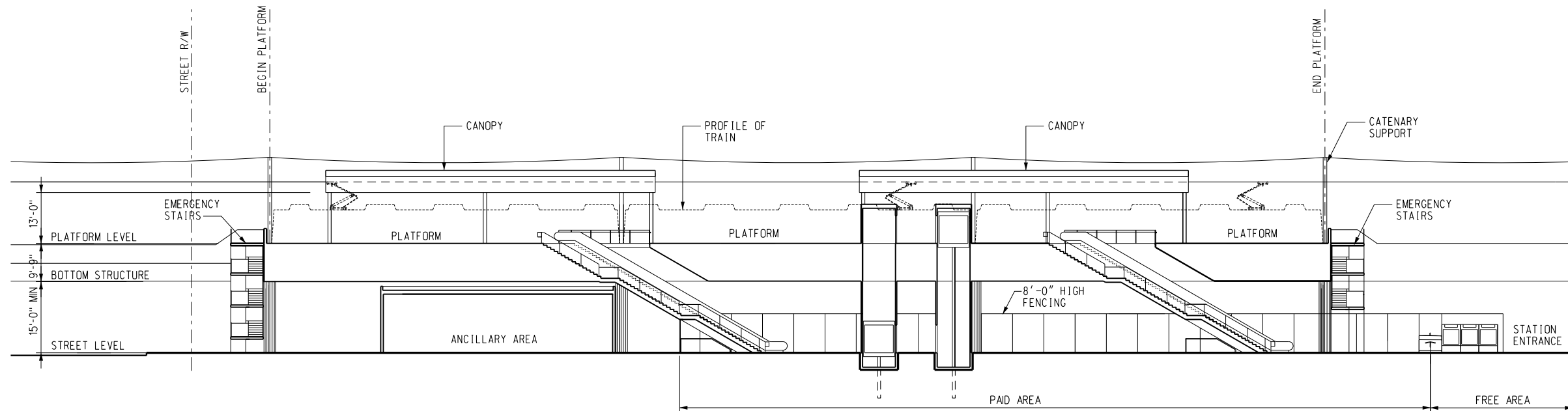
LOS ANGELES COUNTY METROPOLITAN  
 TRANSPORTATION AUTHORITY

6151 W. Century Blvd.  
 Suite 800  
 Los Angeles, CA 90045  
 Phone: 310-337-0500  
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**Hatch Mott MacDonald**

**Anil Verma Associates, Inc.**  
 444 SOUTH FLORER STREET, SUITE 1688 LOS ANGELES, CA 90071

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 AMENDED, AND IN PART BY THE  
 TAXES OF THE CITIZENS OF  
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 THE STATE OF CALIFORNIA.

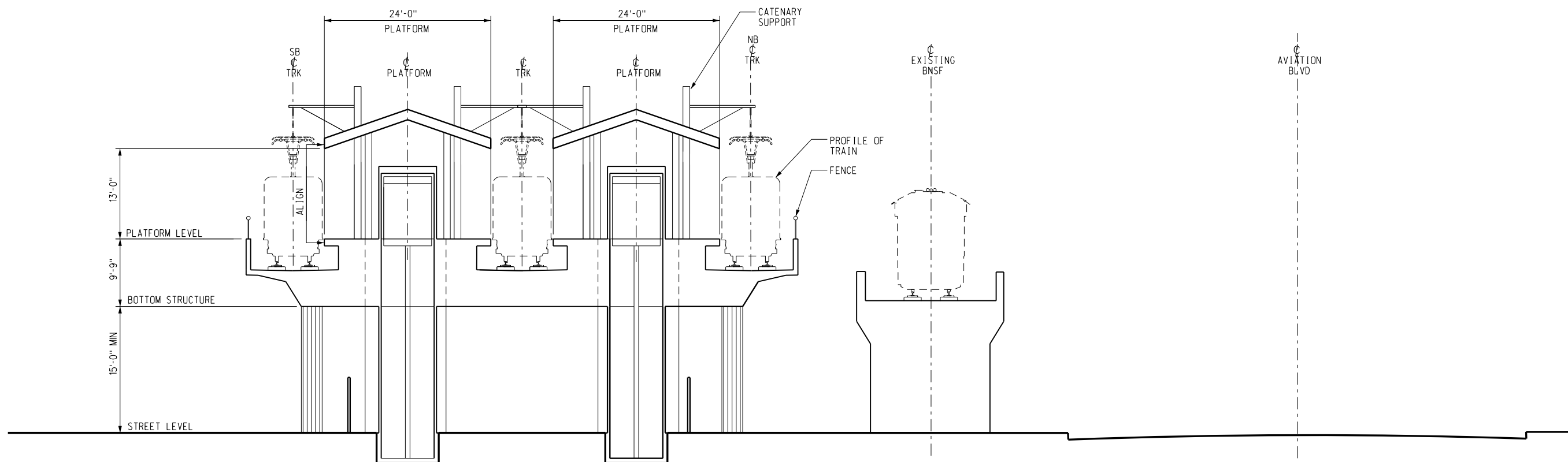
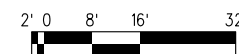


SECTION

1/16"=1'-0"

A  
A-103

A-101  
A-102



SECTION

1/8"=1'-0"

B  
A-103

A-101  
A-102



BASE PROJECT

CRENSHAW/LAX  
TRANSIT CORRIDOR PROJECT  
AVIATION/CENTURY AERIAL STATION  
SECTIONS

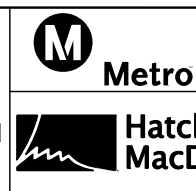
CONTRACT NO	E0117
DRAWING NO	A-103
SCALE	AS NOTED
SHEET NO	270

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REV	DATE	BY	APP	REG NO	EXPIRES	SEAL HOLDER	DESCRIPTION

DESIGNED BY  
S. DEBNATH  
DRAWN BY  
H. ANGELES  
CHECKED BY  
M. PEIKA  
IN CHARGE  
A. VERMA  
DATE  
12-10-10

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C44285



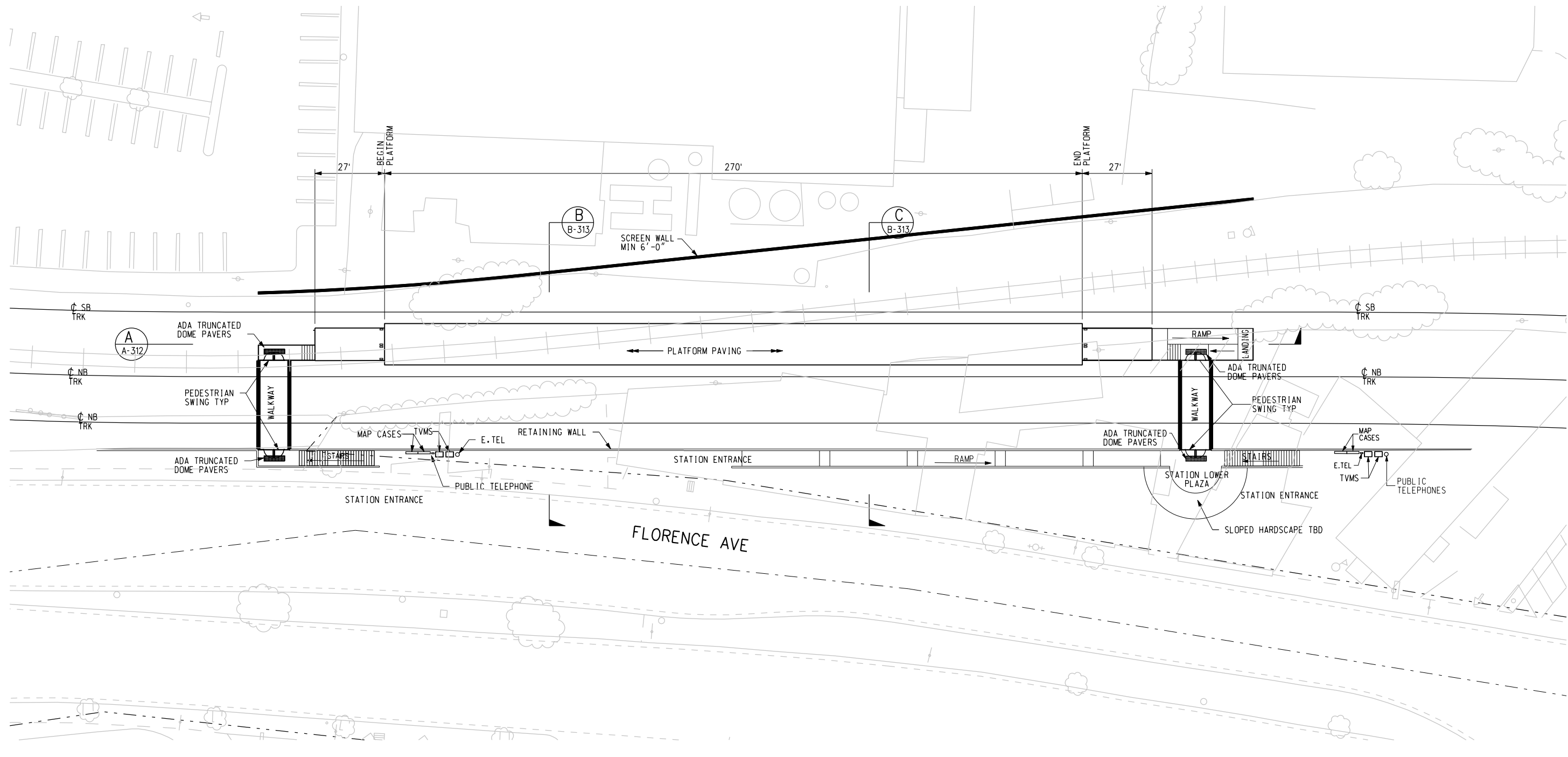
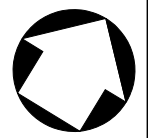
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**SITE PLAN**  
1"=20'-0"

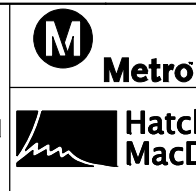


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REV	DATE	BY	APP	REG NO	EXPIRES	SEAL HOLDER	DESCRIPTION

DESIGNED BY  
S. DEBNATH  
 DRAWN BY  
G. LEVOSHOV  
 CHECKED BY  
M. PEKA  
 IN CHARGE  
A. VERMA  
 DATE  
08-12-11

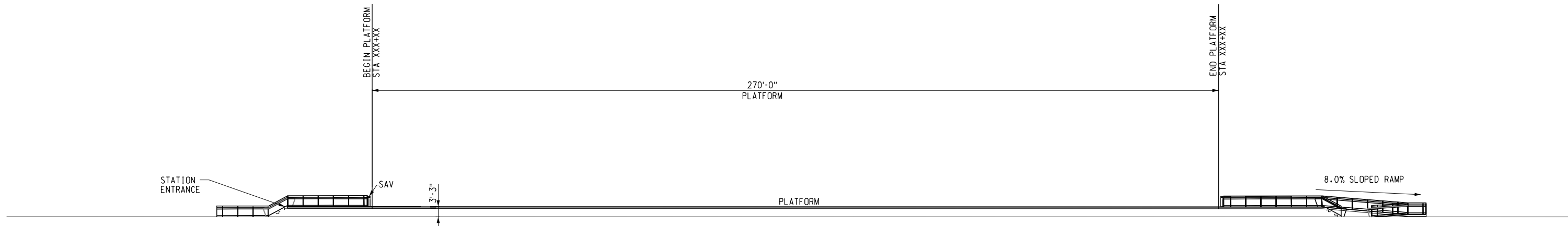
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**Hatch Mott MacDonald**  
**Anil Verma Associates, Inc.**  
 444 SOUTH FLOWER STREET, SUITE 488 LOS ANGELES, CA 90071

**CRENSHAW/LAX  
TRANSIT CORRIDOR PROJECT**  
**FLORENCE/LA BREA AT GRADE STATION**  
 SITE PLAN

CONTRACT NO	E0117
DRAWING NO	A-311
SCALE	1"=20'-0"
SHEET NO	271



PLATFORM ELEVATION

1/16" = 1'-0"



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8/19/2011

9:03:57 AM

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REV	DATE	BY	APP	REG NO	EXPIRES	SEAL HOLDER	DESCRIPTION

DESIGNED BY S. DEBNATH
DRAWN BY GE. LEVOSHAY
CHECKED BY M. PEIKA
IN CHARGE A. VERMA
DATE 08-12-11

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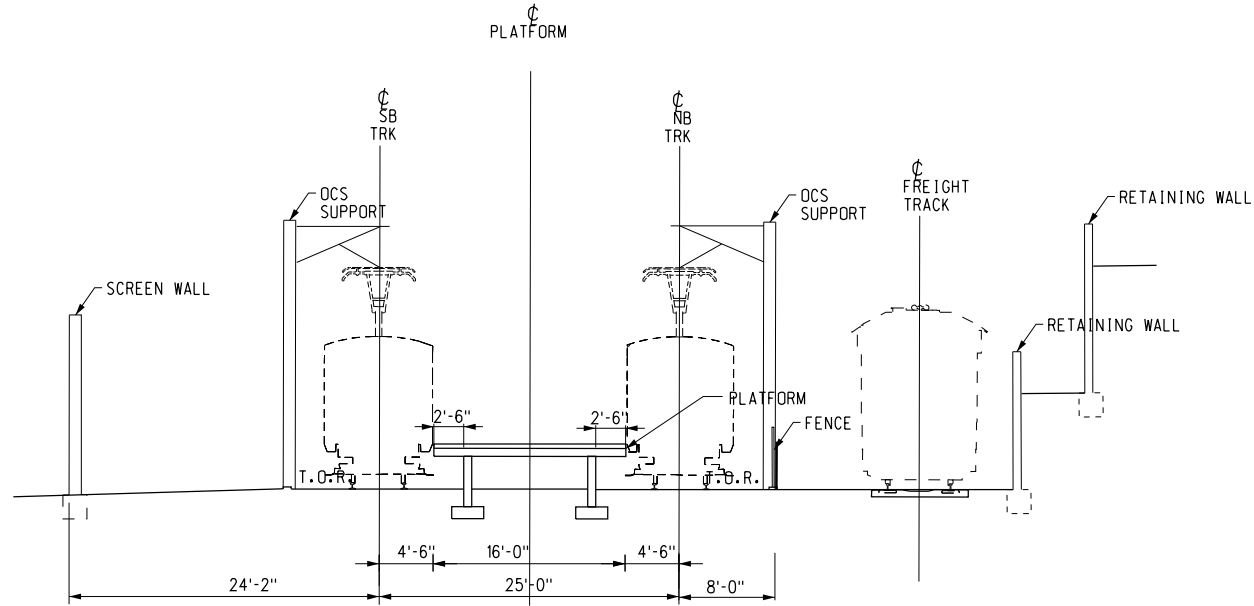
**Metro** LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY

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Los Angeles, CA 90045  
Phone: 310-337-0500  
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**Anil Verma Associates, Inc.**  
444 SOUTH FLOWER STREET, SUITE 1688 LOS ANGELES CA 90011

CRENSHAW/LAX TRANSIT CORRIDOR PROJECT  
FLORENCE/LA BREA AT-GRADE STATION  
PLATFORM ELEVATION

CONTRACT NO E0117
DRAWING NO A-312
SCALE 1/16"=1'-0"
SHEET NO 272

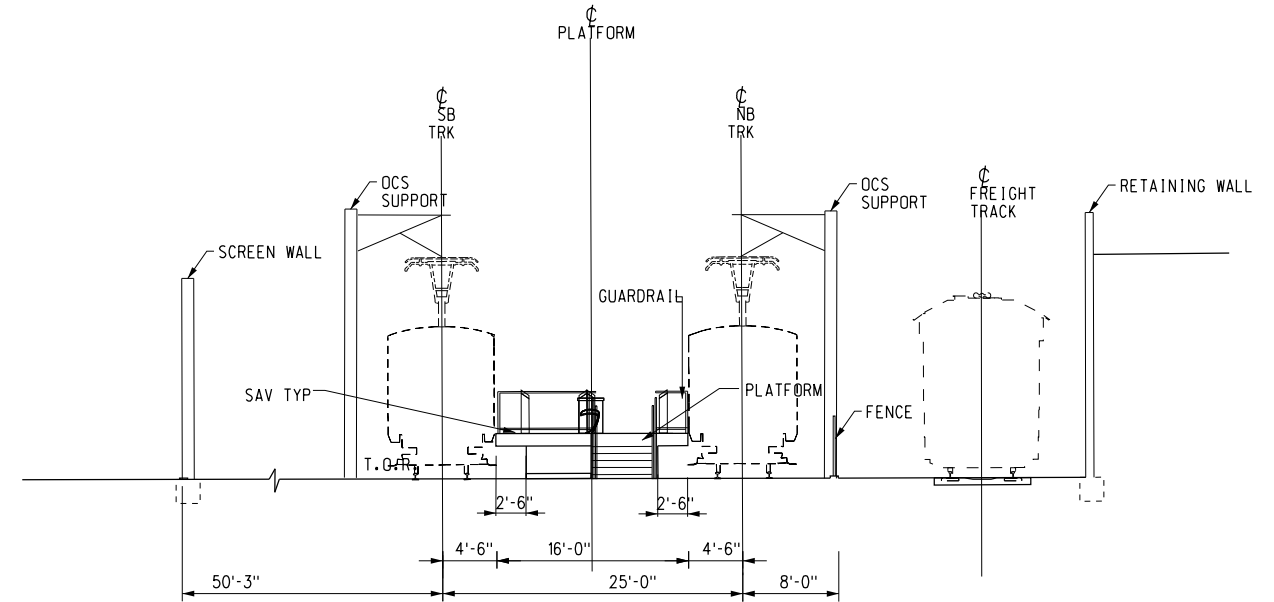


SECTION

1/8"=1'-0"

B  
A-313

A-311

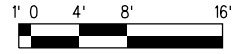


SOUTH WEST ELEVATION

1/8"=1'-0"

C  
A-313

A-311



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REV	DATE	BY	APP	REG NO	EXPIRES	SEAL HOLDER	DESCRIPTION

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DRAWN BY  
G. LEVASHOV  
CHECKED BY  
M. PEKA  
IN CHARGE  
A. VERMA  
DATE  
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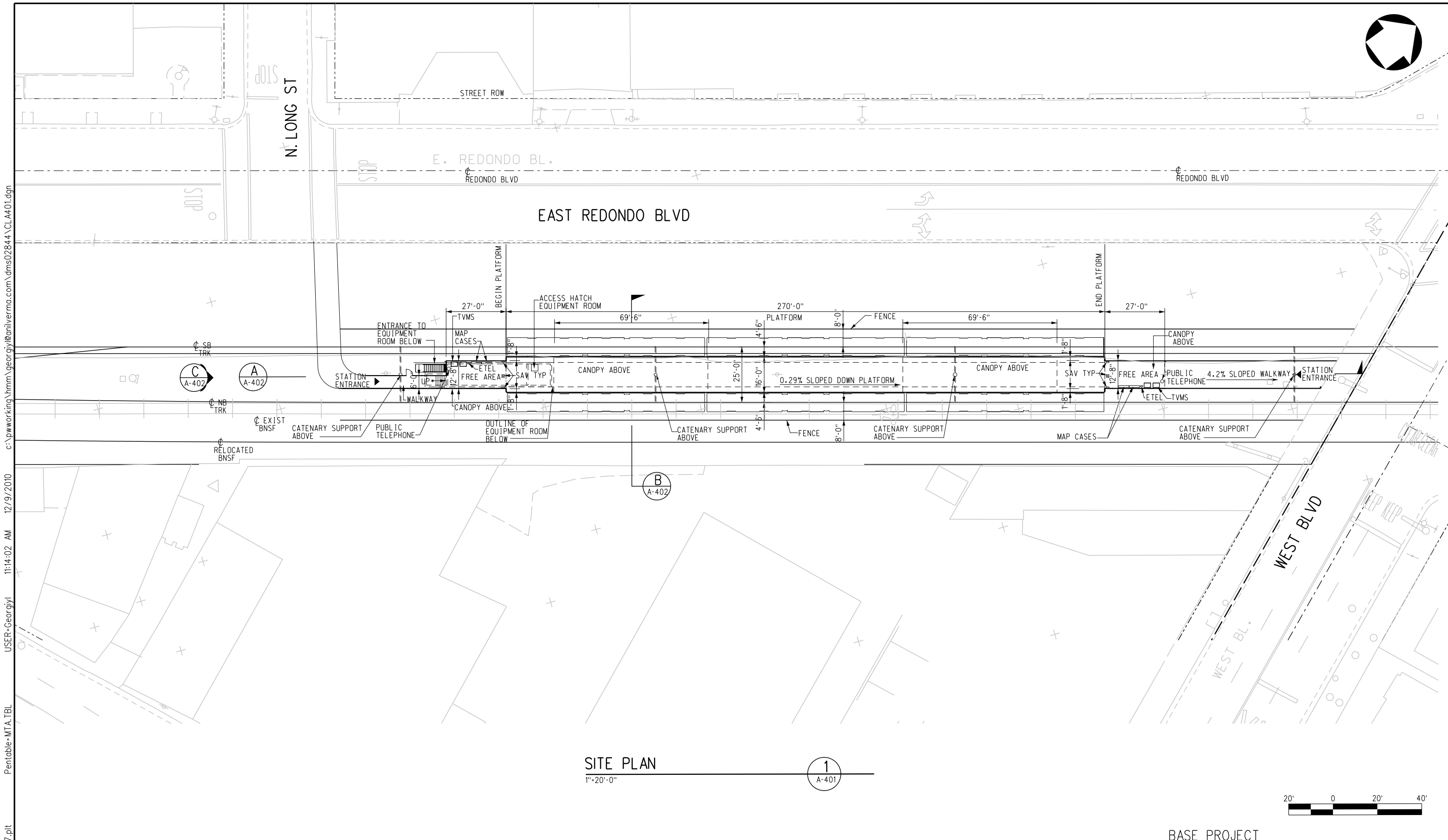
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CRENSHAW/LAX TRANSIT CORRIDOR PROJECT  
FLORENCE/LA BREA AT-GRADE STATION  
SECTIONS

CONTRACT NO	E0117
DRAWING NO	A-313
SCALE	AS NOTED
SHEET NO	273



**SITE PLAN**  
1/20'-0"  
1  
A-401



BASE PROJECT  
**CRENSHAW/LAX**  
**TRANSIT CORRIDOR PROJECT**  
 FLORENCE/WEST AT GRADE STATION  
 SITE PLAN

CONTRACT NO	E0117
DRAWING NO	A-401
SCALE	1/20'-0"
SHEET NO	274

REV	DATE	BY	APP	REG NO	EXPIRES	SEAL HOLDER	DESCRIPTION

DESIGNED BY  
S. DEBNATH  
 DRAWN BY  
K. STEPANIAN  
 CHECKED BY  
M. PEKA  
 IN CHARGE  
A. VERMA  
 DATE  
12-10-10

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 C44285

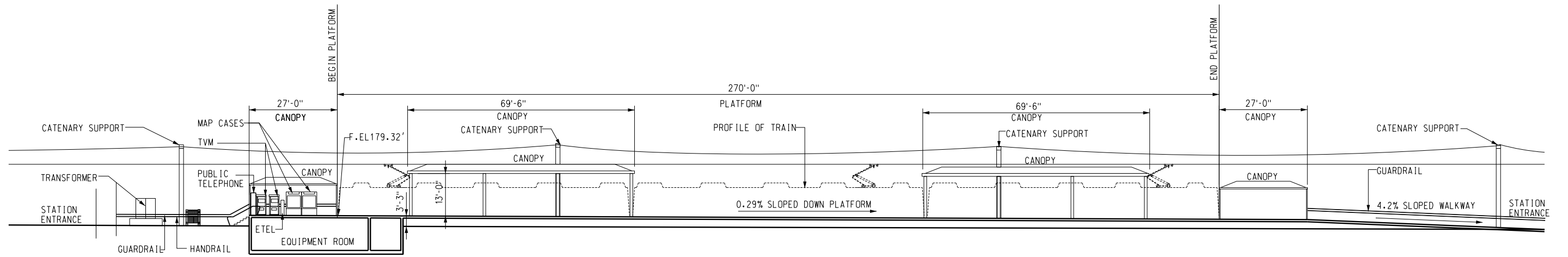
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 6151 W. Century Blvd. Suite 800  
 Los Angeles, CA 90045  
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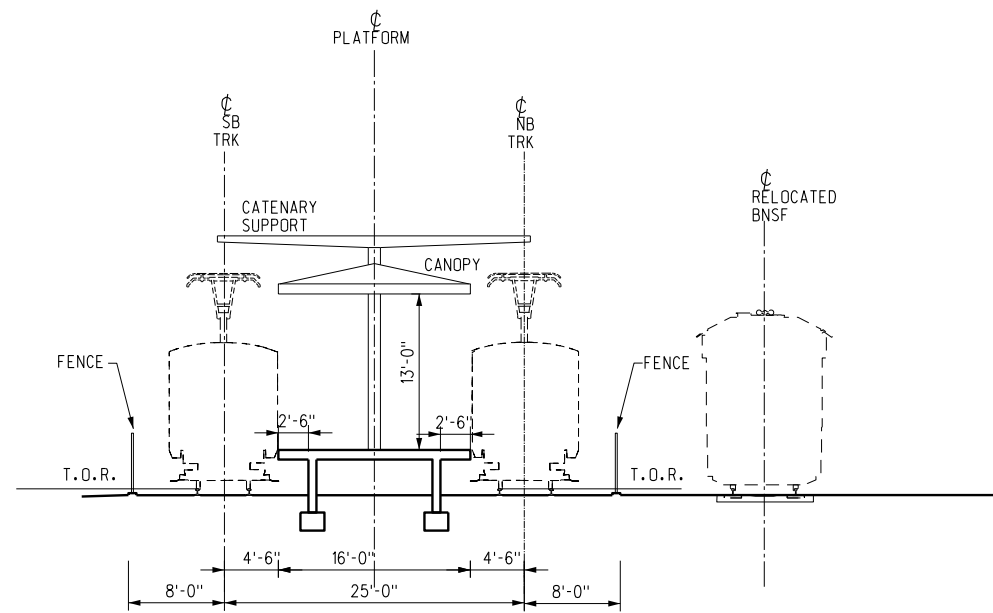
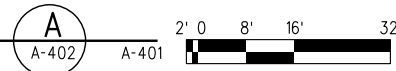
**Anil Verma Associates, Inc.**  
 444 SOUTH FLOWER STREET, SUITE 1900, LOS ANGELES, CA 90071

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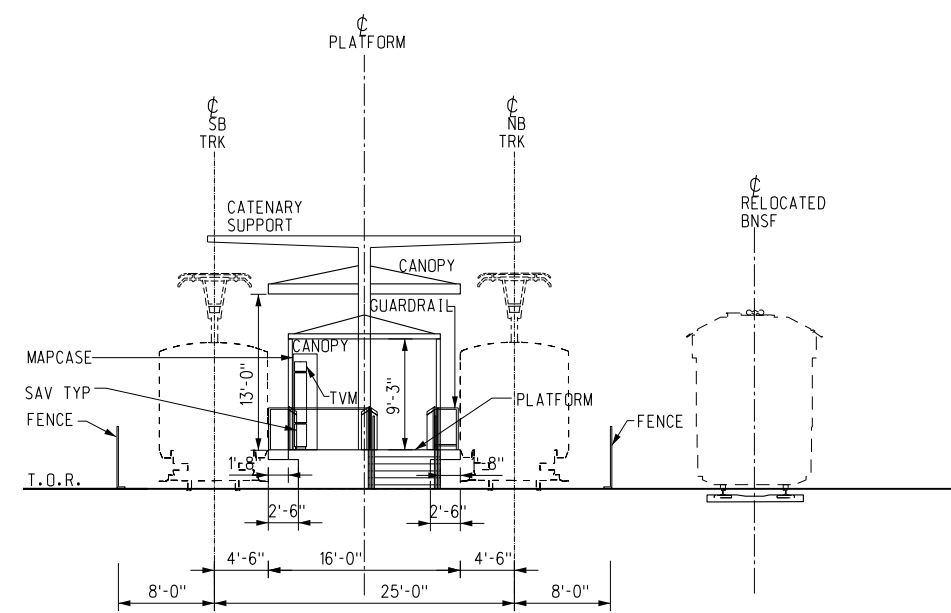
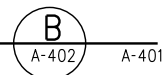
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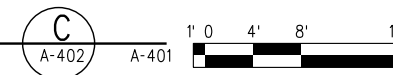
**SECTION**  
1/16"=1'-0"



**SECTION**  
1/8"=1'-0"



**SOUTH WEST ELEVATION**  
1/8"=1'-0"



BASE PROJECT

**CRENSHAW/LAX**  
**TRANSIT CORRIDOR PROJECT**  
 FLORENCE/WEST AT GRADE STATION  
 SECTIONS AND ELEVATIONS

CONTRACT NO	E0117
DRAWING NO	A-402
SCALE	AS NOTED
SHEET NO	275

REV	DATE	BY	APP	REG NO	EXPIRES	SEAL HOLDER	DESCRIPTION

DESIGNED BY	S. DEBNATH
DRAWN BY	K. STEPANIAN
CHECKED BY	M. PEKA
IN CHARGE	A. VERMA
DATE	12-10-10

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 C44285

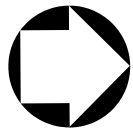
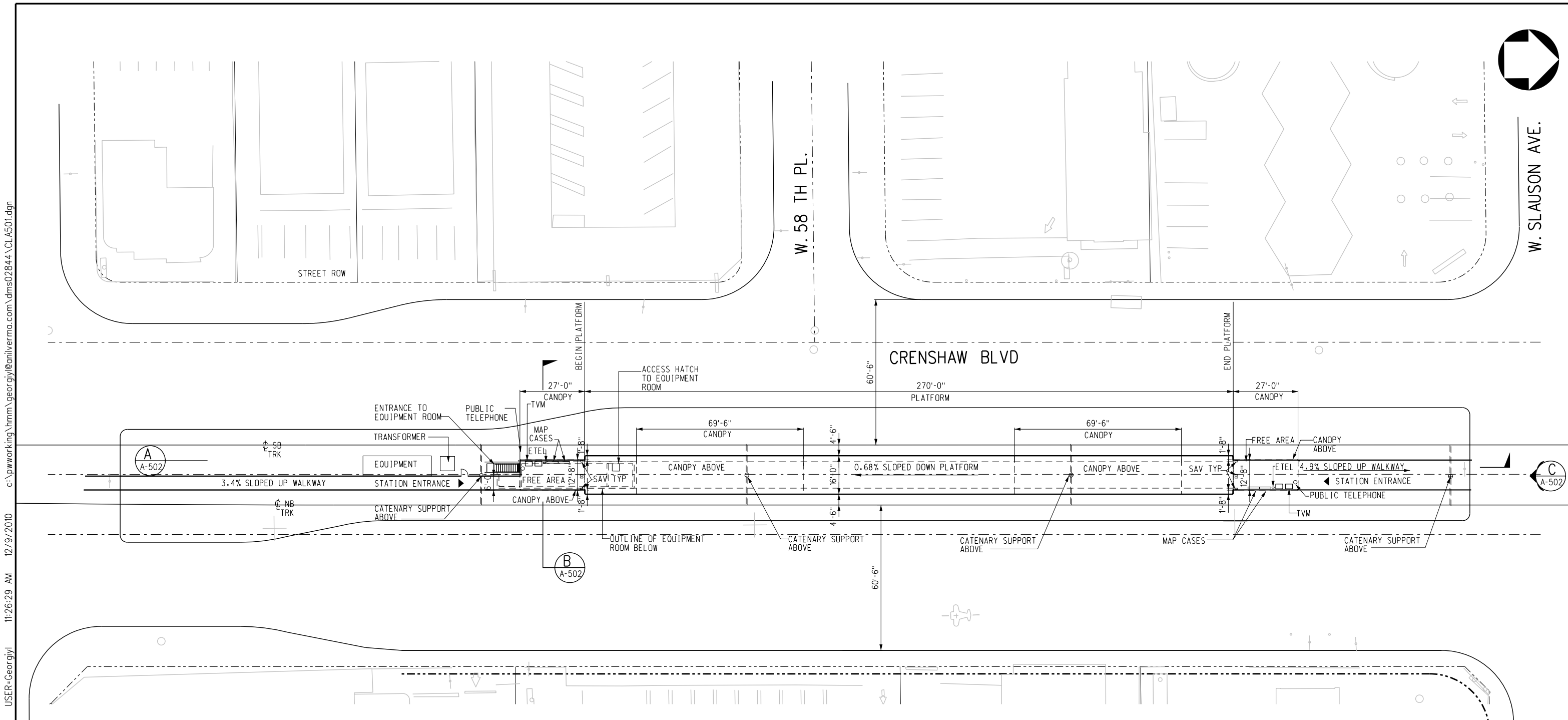


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**SITE PLAN**  
1  
A-501






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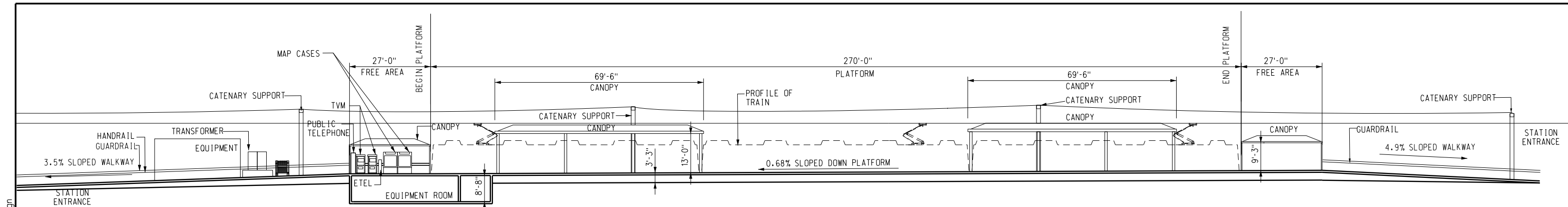
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 CHECKED BY  
M. PEKA  
 IN CHARGE  
A. VERMA  
 DATE  
12-10-10

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C44285

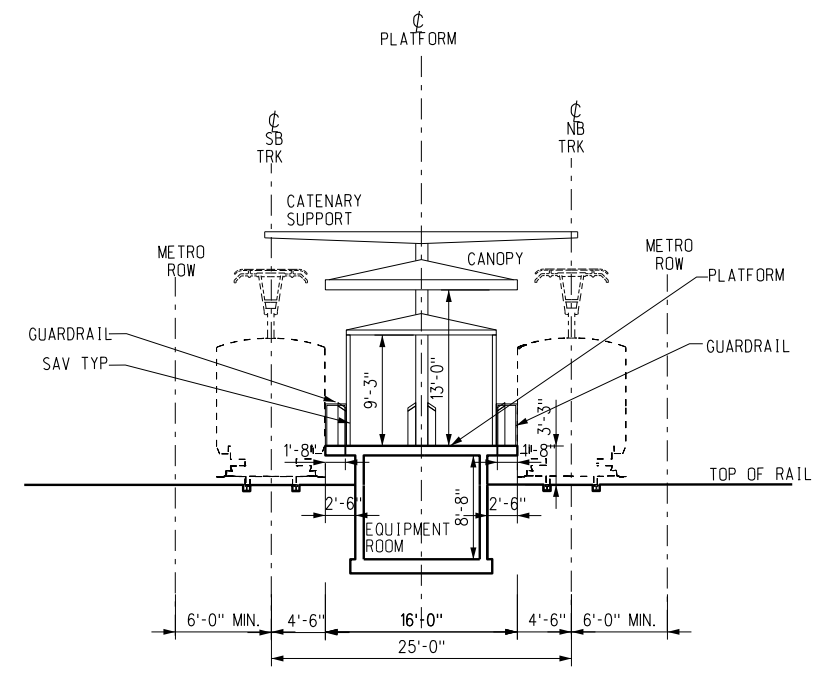

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Fax: 310-337-0042  

 444 SOUTH FLOWER STREET, SUITE 1000, LOS ANGELES, CA 90071

BASE PROJECT  
**CRENSHAW/LAX TRANSIT CORRIDOR PROJECT**  
 CRENSHAW/SLAUSON AT GRADE STATION  
 SITE PLAN

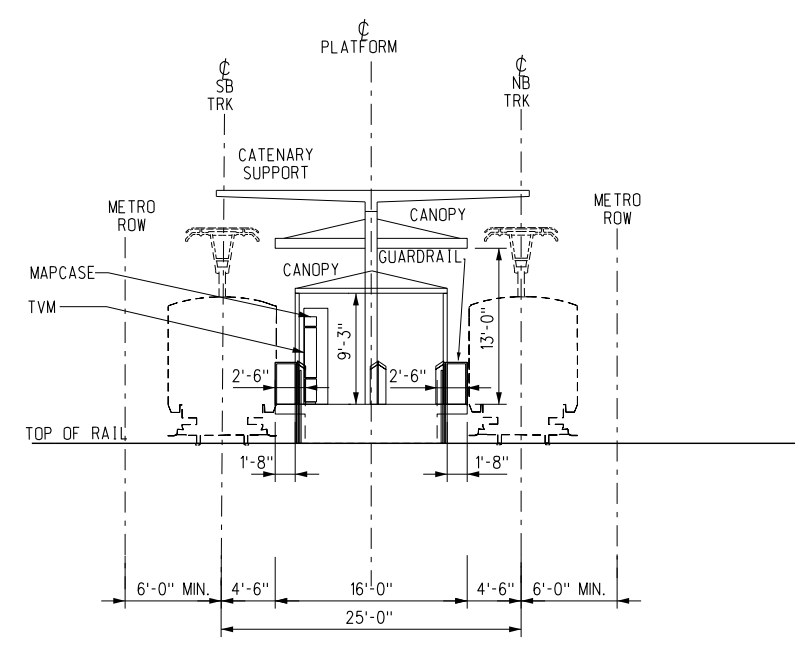
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DRAWING NO	A-501
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SHEET NO	276



SECTION  
1/16"=1'-0"  
A-502 A-501



SECTION  
1/8"=1'-0"  
B A-502 A-501



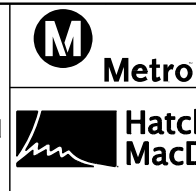
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1/8"=1'-0"  
C A-502 A-501

BASE PROJECT  
CRENSHAW/LAX  
TRANSIT CORRIDOR PROJECT  
CRENSHAW/SLAUSON AT GRADE STATION  
SECTIONS AND ELEVATIONS

CONTRACT NO	E0117
DRAWING NO	A-502
SCALE	AS NOTED
SHEET NO	277

DESIGNED BY	S. DEBNATH
DRAWN BY	K. STEPNIAN
CHECKED BY	M. PEKA
IN CHARGE	A. VERMA
DATE	12-10-10

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C44285

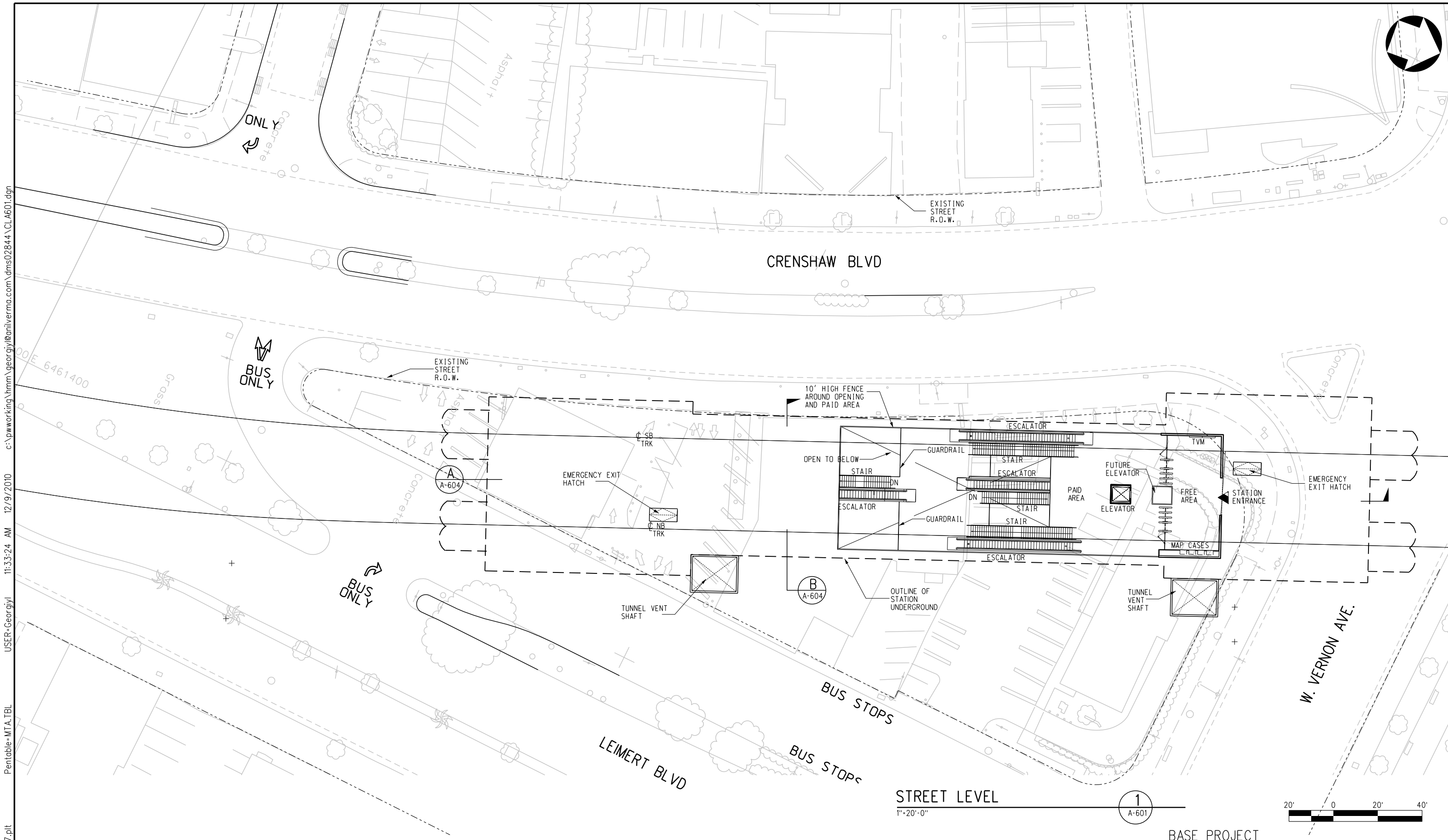


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6151 W. Century Blvd.  
Suite 800  
Los Angeles, CA 90045  
Phone: 310-337-0500  
Fax: 310-337-0042  
Anil Verma Associates, Inc.  
444 SOUTH FLOWER STREET, SUITE 1608 LOS ANGELES, CA 90071

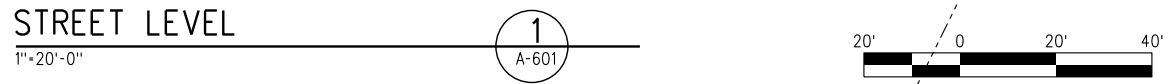
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REV	DATE	BY	APP	REG NO	EXPIRES	SEAL HOLDER	DESCRIPTION

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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.



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 Pentable=MTA.TBL  
 Plot Driver=printer\_11x17.plt



BASE PROJECT

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REV	DATE	BY	APP	REG NO	EXPIRES	SEAL HOLDER	DESCRIPTION

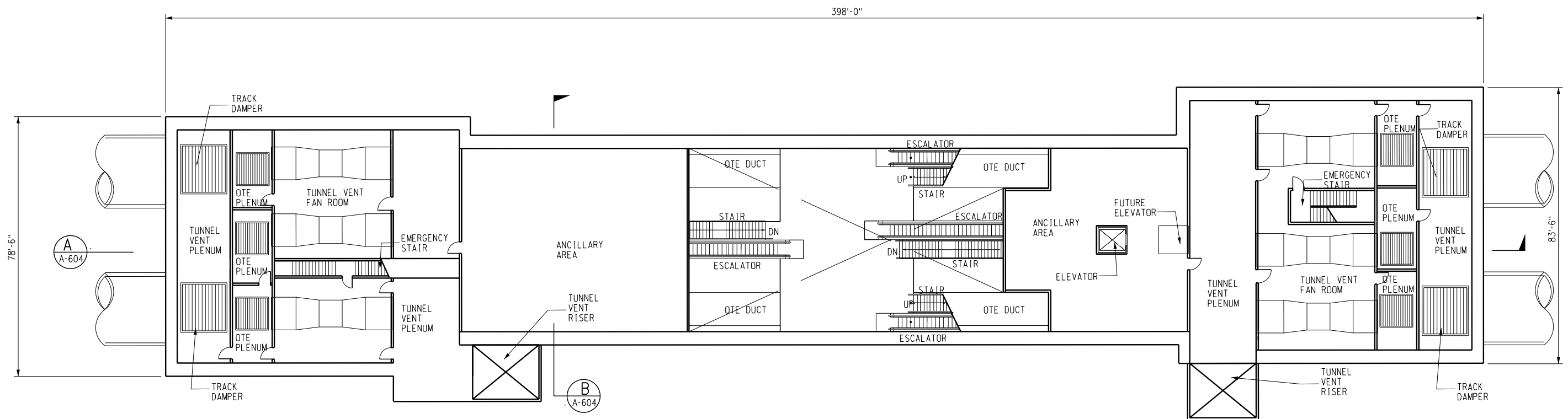
DESIGNED BY  
S. DEBNATH  
 DRAWN BY  
GE. LEVOSHAY  
 CHECKED BY  
M. PEKA  
 IN CHARGE  
A. VERMA  
 DATE  
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Fax: 310-337-0042

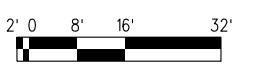
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SCALE <b>1"=20'-0"</b>	
SHEET NO <b>278</b>	



MEZZANINE LEVEL

1/16" = 1'-0"

1  
A-602

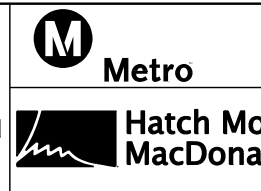


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REV	DATE	BY	APP	REG NO	EXPIRES	SEAL HOLDER	DESCRIPTION

DESIGNED BY S. DEBNATH
DRAWN BY DE. LEVOSHAV
CHECKED BY M. PEIKA
IN CHARGE A. VERMA
DATE 12-10-10

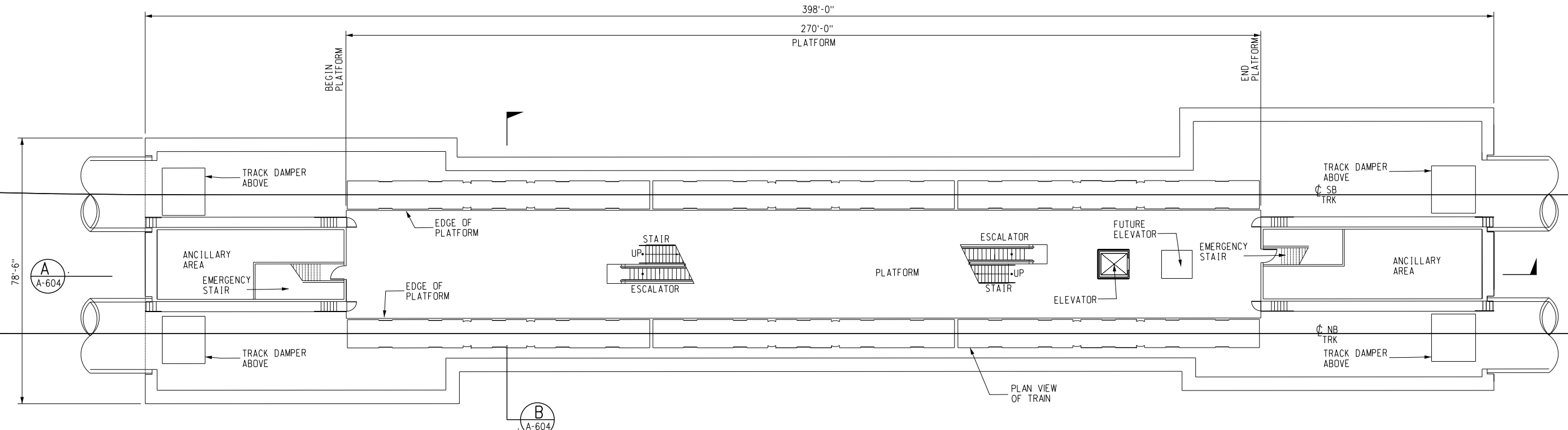
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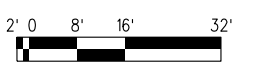
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 Los Angeles, CA 90045  
 Phone: 310-337-0500 Fax: 310-337-0042  
 Anil Verma Associates, Inc.  
 444 SOUTH FLOWER STREET, SUITE 1808 LOS ANGELES, CA 90071

BASE PROJECT  
 CRENSHAW/LAX TRANSIT CORRIDOR PROJECT  
**VERNON OPTION 5**  
 CRENSHAW/VERNON OPEN CUT STATION  
 MEZZANINE LEVEL

CONTRACT NO E0117	REV
DRAWING NO A-602	
SCALE 1/16" = 1'-0"	
SHEET NO 279	



PLATFORM LEVEL  
1/16" = 1'-0" 1  
A-603



BASE PROJECT  
CRENSHAW/LAX  
TRANSIT CORRIDOR PROJECT  
**VERNON OPTION 5**  
CRENSHAW/VERNON OPEN CUT STATION  
PLATFORM LEVEL

CONTRACT NO	E0117
DRAWING NO	A-603
SCALE	1/16" = 1'-0"
SHEET NO	280

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Fax: 310-337-0042

**Anil Verma Associates, Inc.**  
444 SOUTH PLOMER STREET, SUITE 1888 LOS ANGELES, CA 90071

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LEE W ABRAMSON  
C44285

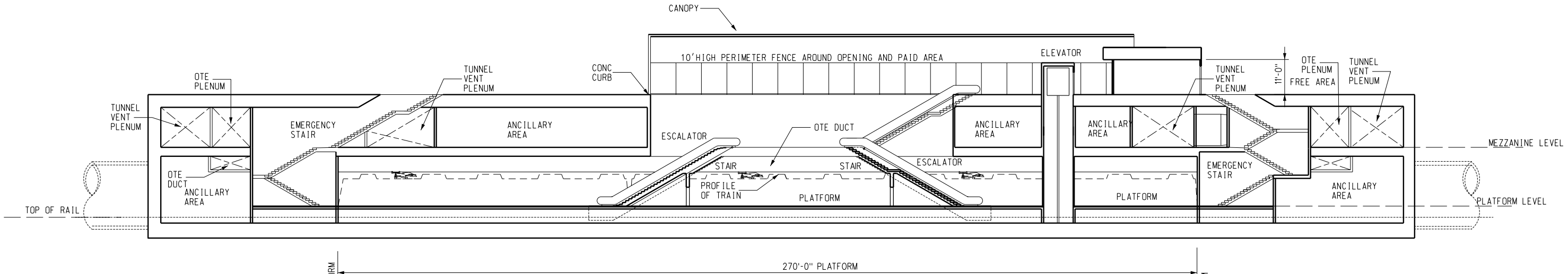
DESIGNED BY	S. DEBNATH
DRAWN BY	GE. LEVOSHAY
CHECKED BY	M. PEIKA
IN CHARGE	A. VERMA
DATE	12-10-10

REV	DATE	BY	APP	REG NO	EXPIRES	SEAL HOLDER	DESCRIPTION

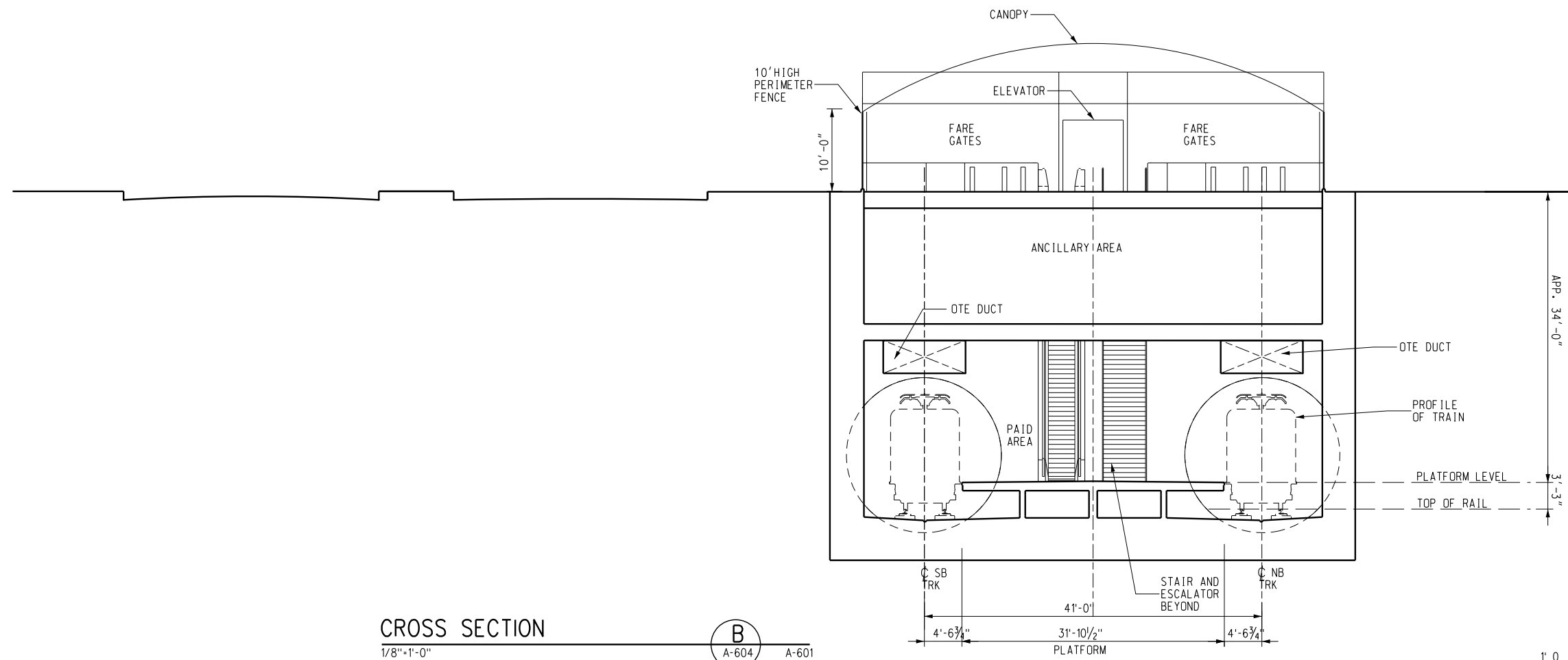
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**LONGITUDINAL SECTION**  
 1/16"=1'-0"  
 A-604 A-601 A-602 A-603



**CROSS SECTION**  
 1/8"=1'-0"  
 B-604 A-601 A-602 A-603

REV	DATE	BY	APP	REG NO	EXPIRES	SEAL HOLDER	DESCRIPTION

DESIGNED BY  
 S. DEBNATH  
 DRAWN BY  
 G. LEVASHOV  
 CHECKED BY  
 M. PEIKA  
 IN CHARGE  
 A. VERMA  
 DATE  
 12-10-10

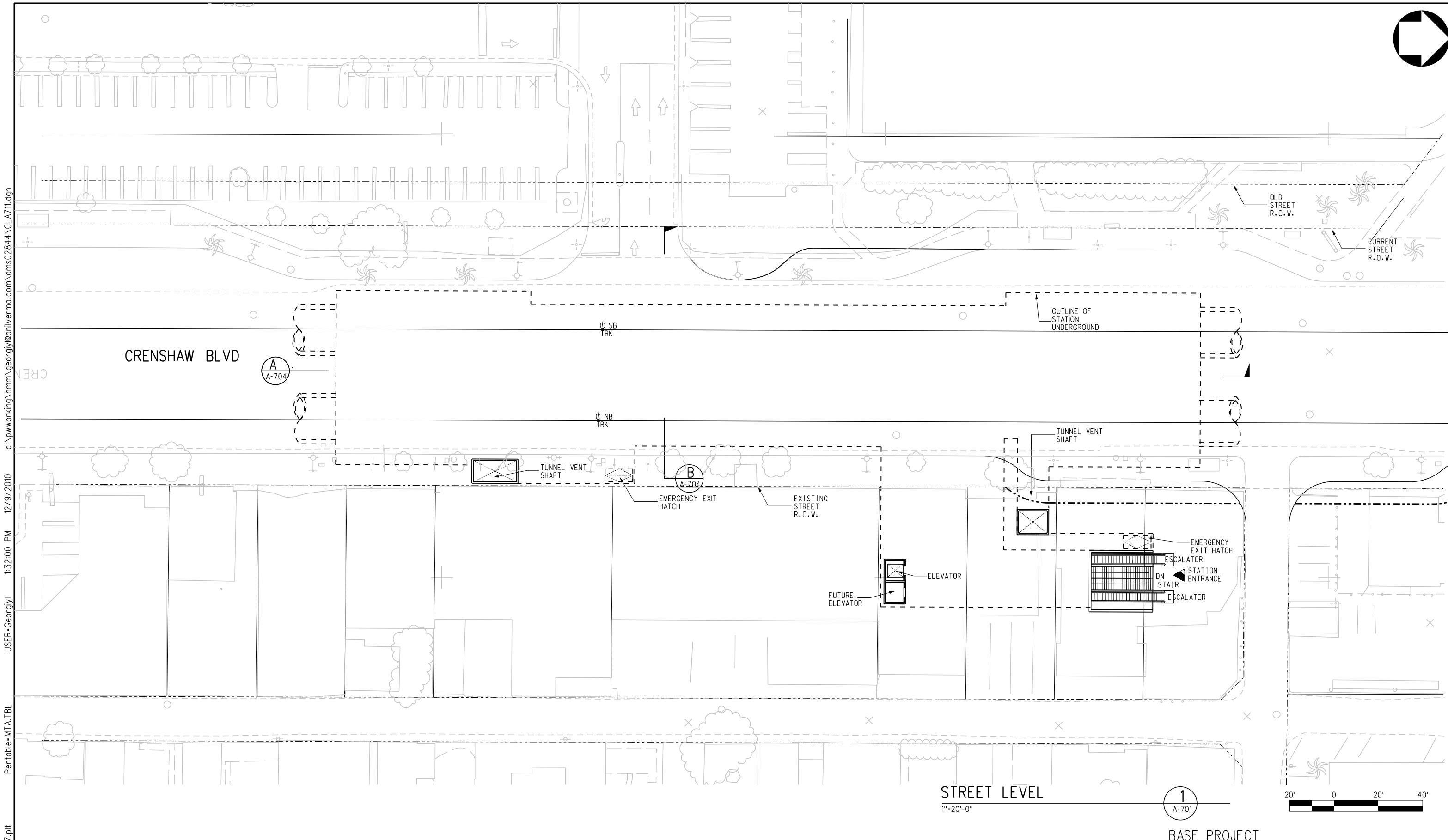
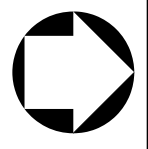
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 Phone: 310-337-0500 Fax: 310-337-0042  
 444 SOUTH FLOWER STREET, SUITE 1608 LOS ANGELES, CA 90007

BASE PROJECT  
**CRENSHAW/LAX TRANSIT CORRIDOR PROJECT**  
**VERNON OPTION 5**  
 CRENSHAW/VERNON OPEN CUT STATION SECTIONS

CONTRACT NO	E0117
DRAWING NO	A-604
SCALE	AS NOTED
SHEET NO	281



STREET LEVEL  
1"=20'-0"

1  
A-701

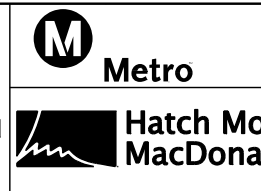


BASE PROJECT

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REV	DATE	BY	APP	REG NO	EXPIRES	SEAL HOLDER

DESIGNED BY  
S. DEBNATH  
DRAWN BY  
G. LAVESHOV  
CHECKED BY  
M. PEKA  
IN CHARGE  
A. VERMA  
DATE  
12-10-10

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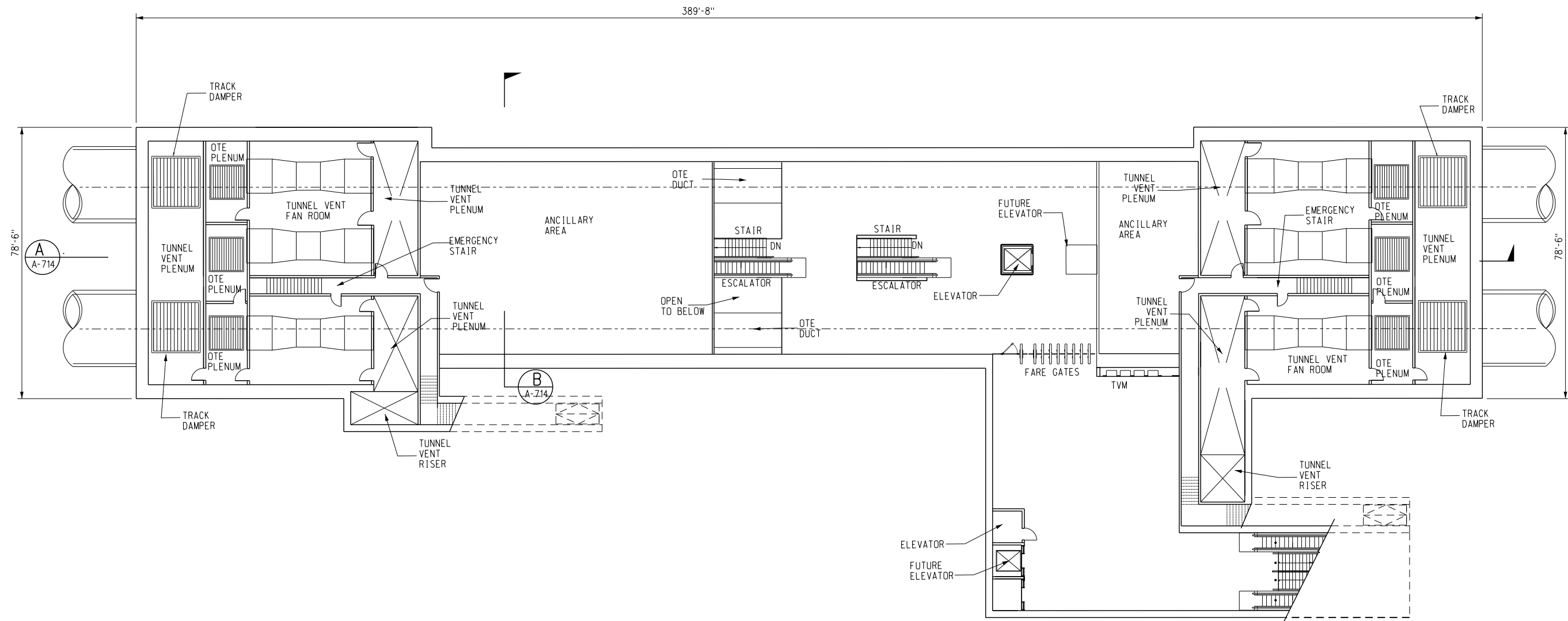
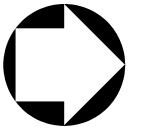


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444 SOUTH FLOWER STREET, SUITE 1600, LOS ANGELES, CA 90071

CRENSHAW/LAX  
TRANSIT CORRIDOR PROJECT  
CRENSHAW/MLK UNDERGROUND  
STATION STREET LEVEL

CONTRACT NO	E0117
DRAWING NO	A-711
SCALE	1"=20'-0"
SHEET NO	282

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MEZZANINE LEVEL PLAN

1/16"=1'-0"

1  
A-712

2' 0" 8' 16' 32'

BASE PROJECT  
 CRENSHAW/LAX  
 TRANSIT CORRIDOR PROJECT  
 CRENSHAW/MLK UNDERGROUND  
 STATION MEZZANINE LEVEL

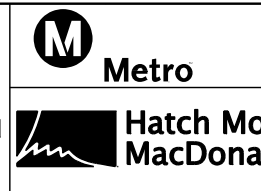
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SHEET NO	283

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REV	DATE	BY	APP	REG NO	EXPIRES	SEAL HOLDER	DESCRIPTION

DESIGNED BY  
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 G. LEVASHOV  
 CHECKED BY  
 M. PEKA  
 IN CHARGE  
 A. VERMA  
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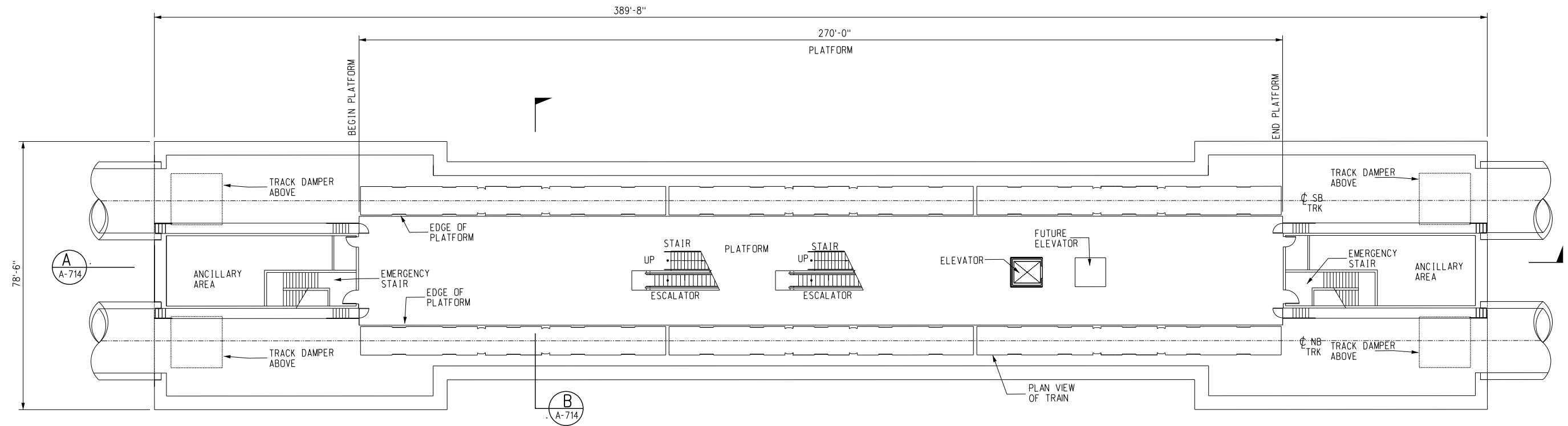
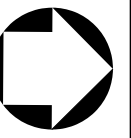
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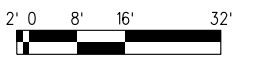


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 TAXES OF THE CITIZENS OF  
 LOS ANGELES COUNTY AND OF  
 THE STATE OF CALIFORNIA.



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

1  
A-713



BASE PROJECT  
CRENSHAW/LAX  
TRANSIT CORRIDOR PROJECT  
CRENSHAW/MLK UNDERGROUND  
STATION PLATFORM LEVEL

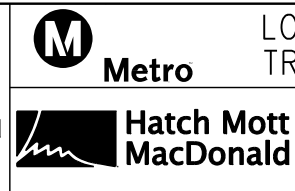
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DRAWING NO	A-713
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SHEET NO	284

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REV	DATE	BY	APP	REG NO	EXPIRES	SEAL HOLDER	DESCRIPTION

DESIGNED BY  
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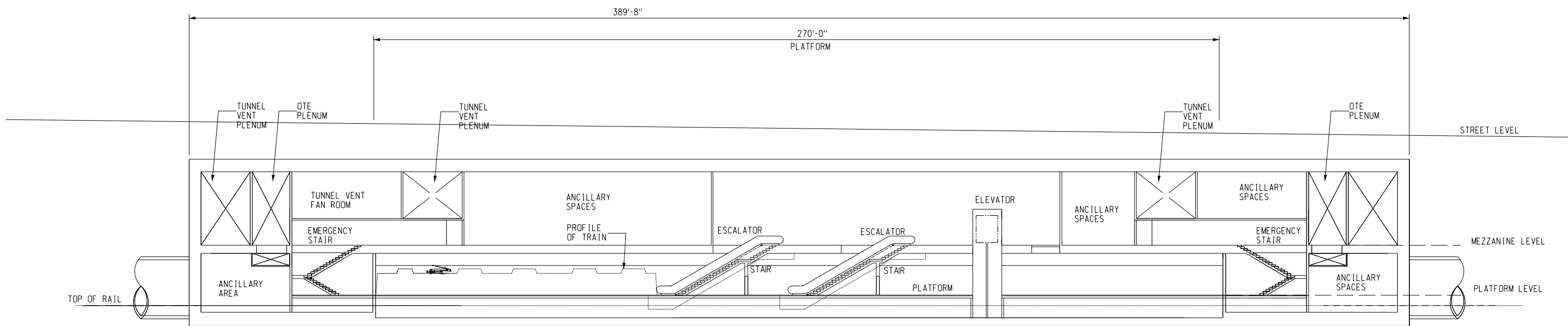
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444 SOUTH FLOWER STREET, SUITE 1608, LOS ANGELES, CA, 90071

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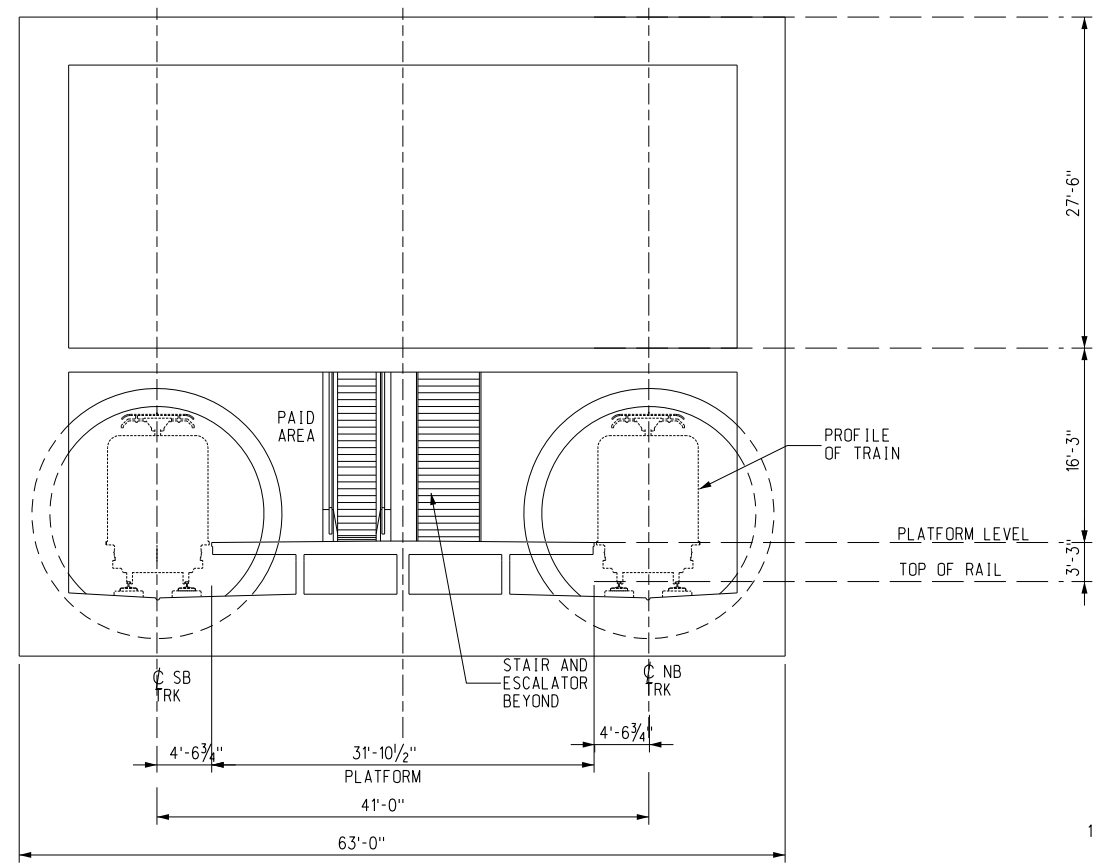
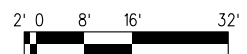
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**LONGITUDINAL SECTION**

1/16"=1'-0"

**A**  
A-714  
A-711  
A-712  
A-713



**CROSS SECTION**

1/8"=1'-0"

**B**  
A-714  
A-711  
A-712  
A-713



BASE PROJECT  
**CRENSHAW/LAX**  
**TRANSIT CORRIDOR PROJECT**  
 CRENSHAW/MLK UNDERGROUND  
 STATION SECTIONS

CONTRACT NO	E0117
DRAWING NO	A-714
SCALE	AS NOTED
SHEET NO	285

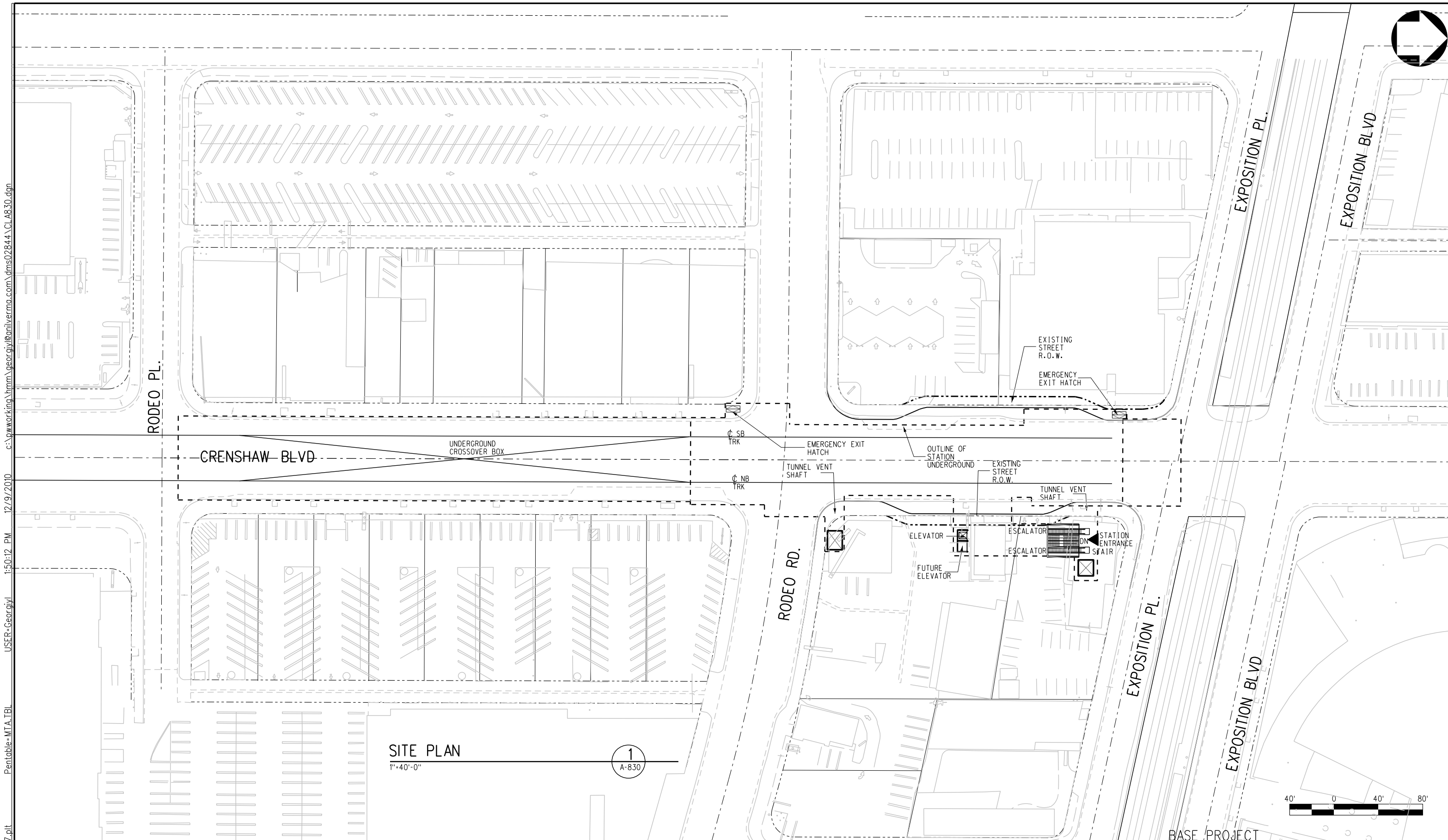
REV	DATE	BY	APP	REG NO	EXPIRES	SEAL HOLDER	DESCRIPTION

DESIGNED BY  
S. DEBNATH  
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G. LEVASHOV  
 CHECKED BY  
M. PEKA  
 IN CHARGE  
A. VERMA  
 DATE  
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 Fax: 310-337-0042



SITE PLAN  
1"=40'-0"

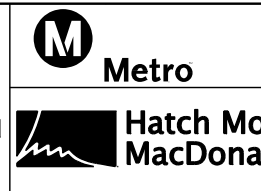
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A-830

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REV	DATE	BY	APP	REG NO	EXPIRES	SEAL HOLDER	DESCRIPTION

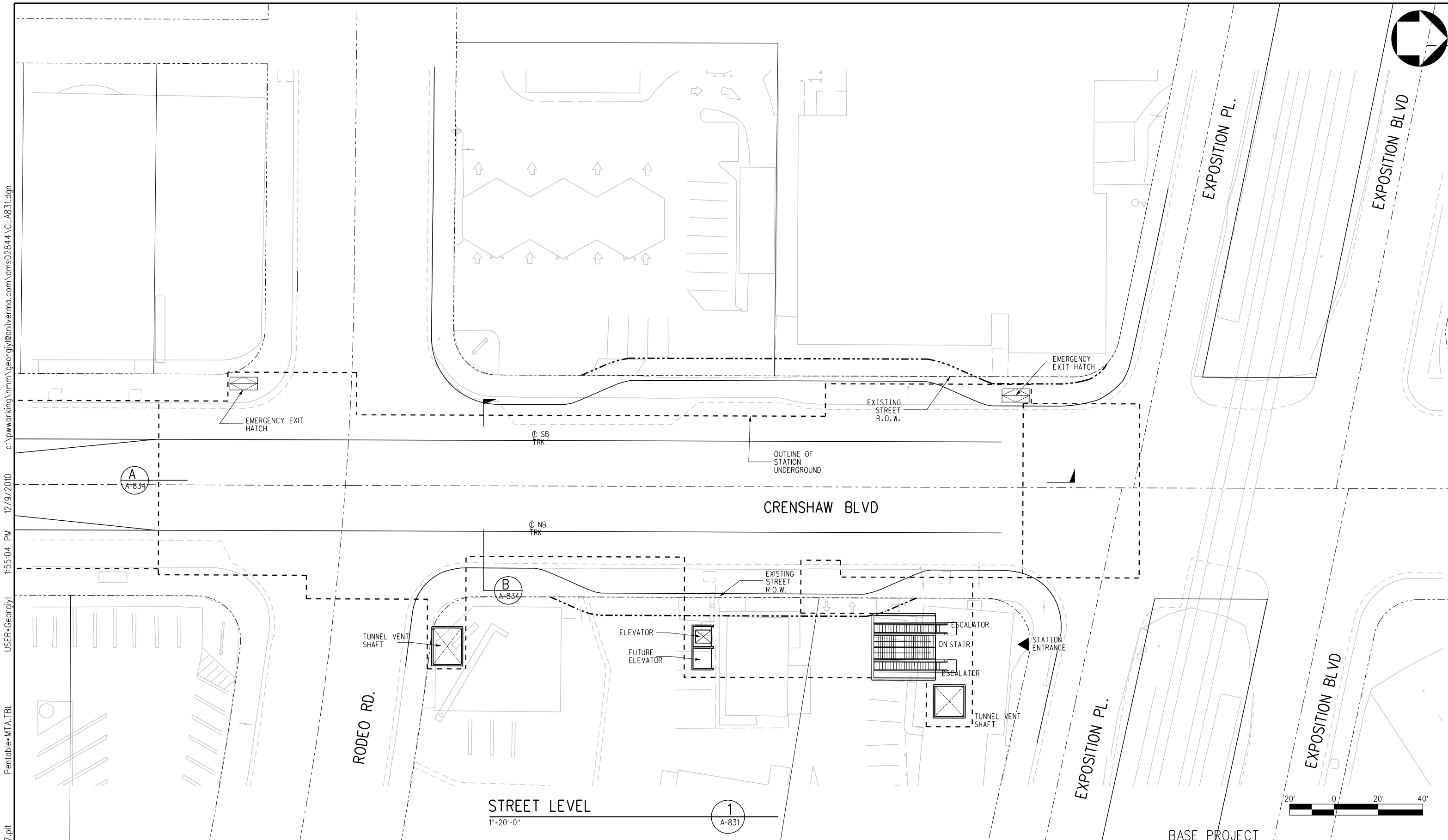
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S. DEBNATH  
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**Anil Verma Associates, Inc.**  
 414 SOUTH FLOWER STREET, SUITE 1688 LOS ANGELES, CA, 90071

<b>CRENSHAW/LAX TRANSIT CORRIDOR PROJECT</b> CRENshaw/EXPOSITION UNDERGROUND STATION - SITE PLAN		CONTRACT NO <b>E0117</b>
DRAWING NO <b>A-830</b>	REV 	
SCALE <b>1"=40'-0"</b>		
SHEET NO <b>286</b>		



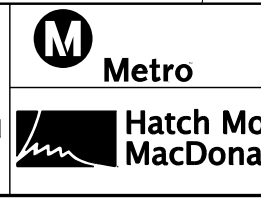
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G. LEVASHOV  
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M. PEKA  
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A. VERMA  
 DATE  
12-10-10

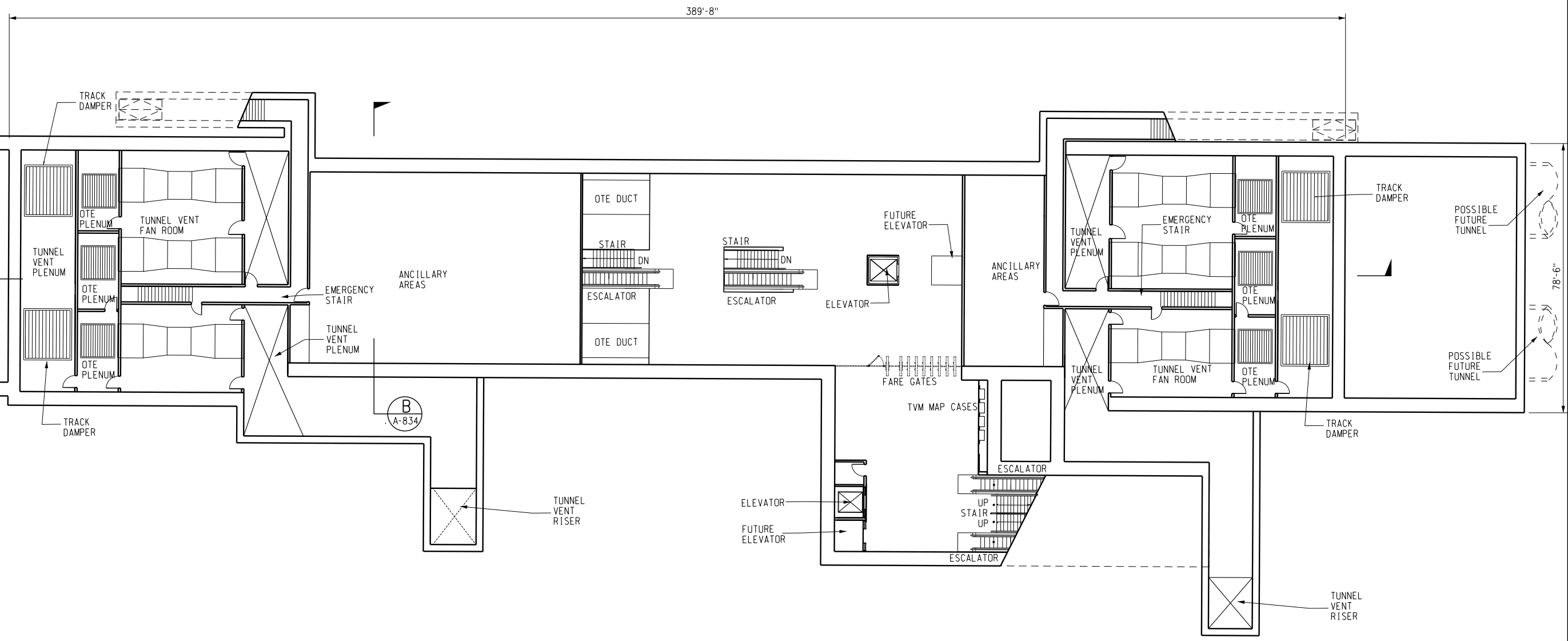
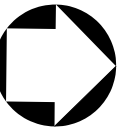
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**Anil Verma Associates, Inc.**  
 444 SOUTH FLOWER STREET, SUITE 1608 LOS ANGELES, CA 90071

**BASE PROJECT**  
**CRENSHAW/LAX TRANSIT CORRIDOR PROJECT**  
**CRENSHAW/EXPOSITION UNDERGROUND STATION - STREET LEVEL**

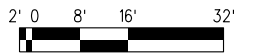
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DRAWING NO	A-831
SCALE	1"=20'-0"
SHEET NO	287



MEZZANINE LEVEL

1/16" = 1'-0"

1  
A-832



BASE PROJECT

CRENSHAW/LAX  
TRANSIT CORRIDOR PROJECT  
CRENSHAW/EXPOSITION UNDERGROUND  
STATION - MEZZANINE LEVEL

CONTRACT NO	E0117
DRAWING NO	A-832
SCALE	1/16"=1'-0"
SHEET NO	288

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REV	DATE	BY	APP	REG NO	EXPIRES	SEAL HOLDER	DESCRIPTION

DESIGNED BY	S. DEBNATH
DRAWN BY	G. LEVOSHOV
CHECKED BY	M. PEIKA
IN CHARGE	A. VERMA
DATE	12-10-10

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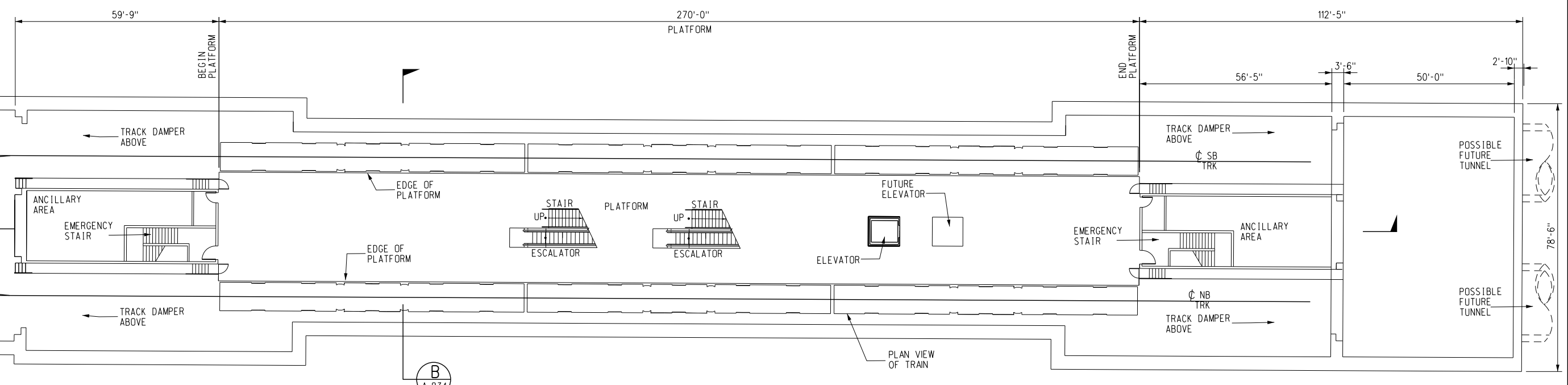
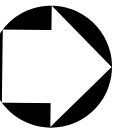
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**Hatch Mott MacDonald**

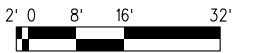
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PLATFORM LEVEL  
1/16" = 1'-0"

1  
A-833



BASE PROJECT

CRENSHAW/LAX  
TRANSIT CORRIDOR PROJECT  
CRENSHAW/EXPOSITION UNDERGROUND  
STATION - PLATFORM LEVEL

CONTRACT NO	E0117
DRAWING NO	A-833
SCALE	1/16" = 1'-0"
SHEET NO	289

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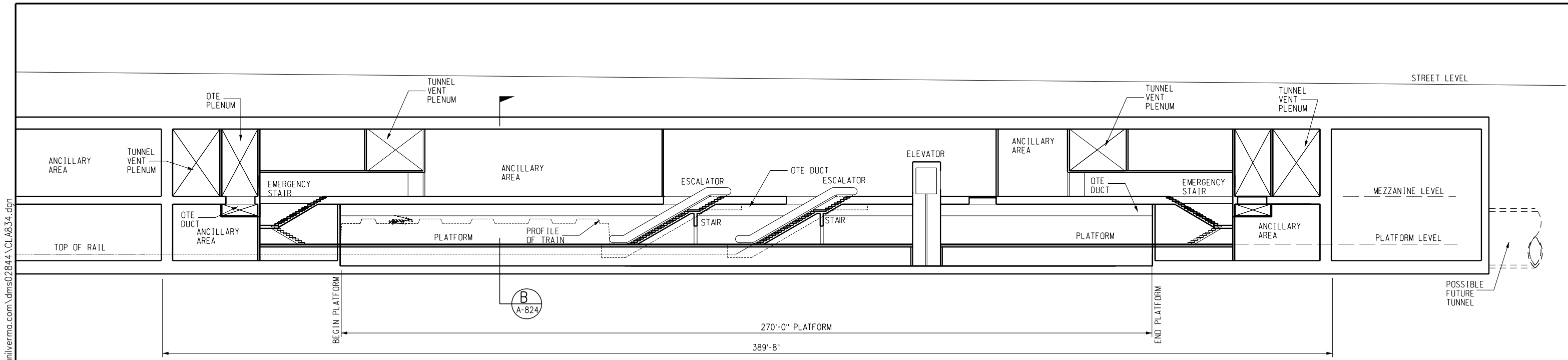


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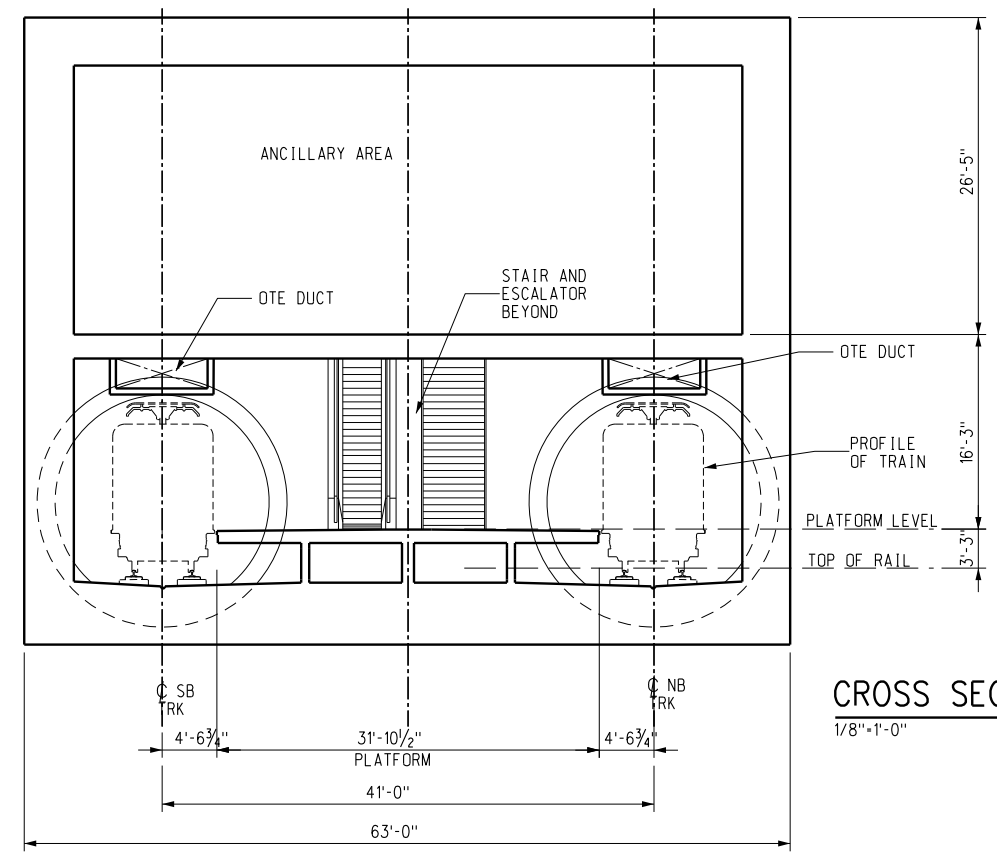
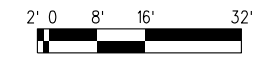
DESIGNED BY	S. DEBNATH
DRAWN BY	G. LEVOSHOV
CHECKED BY	M. PEIKA
IN CHARGE	A. VERMA
DATE	12-10-10



**LONGITUDINAL SECTION**

1/16"=1'-0"

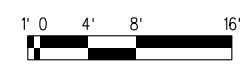
**A**  
A-834  
A-831  
A-832  
A-833



**CROSS SECTION**

1/8"=1'-0"

**B**  
A-834  
A-831  
A-832  
A-833



BASE PROJECT

**CRENSHAW/LAX  
TRANSIT CORRIDOR PROJECT**  
CRENSHAW/EXPOSITION UNDERGROUND  
STATION - SECTIONS

CONTRACT NO	E0117
DRAWING NO	A-834
SCALE	AS NOTED
SHEET NO	290

DESIGNED BY	S. DEBNATH
DRAWN BY	G. LEVASHOV
CHECKED BY	M. PEKA
IN CHARGE	A. VERMA
DATE	12-10-10

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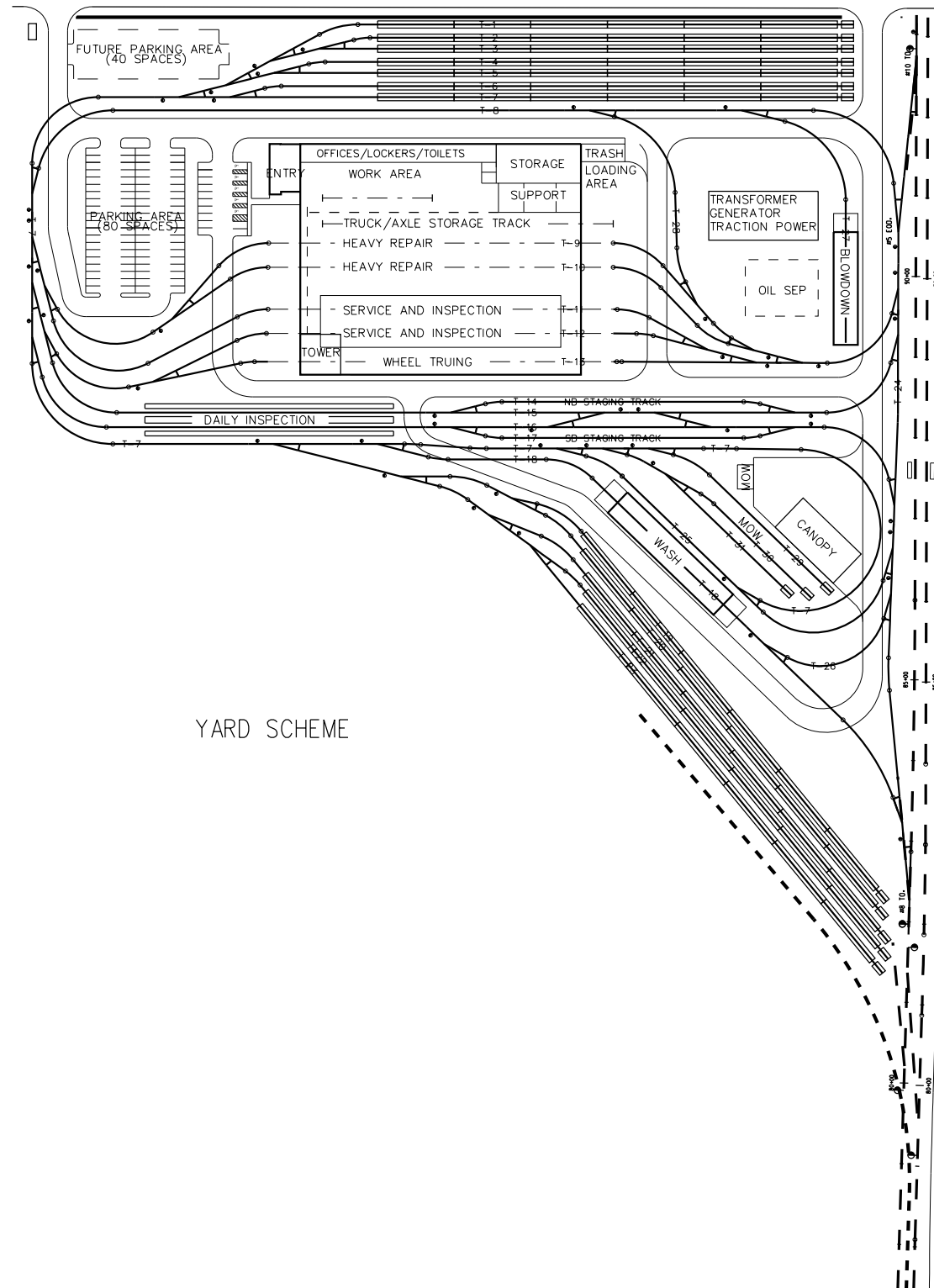
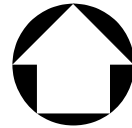
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THE PREPARATION OF THIS DRAWING HAS BEEN FINANCED IN PART THROUGH A GRANT FROM THE U.S. DEPARTMENT OF TRANSPORTATION, FEDERAL TRANSIT ADMINISTRATION (FTA), UNDER THE FEDERAL TRANSIT ACT OF 1964, AS AMENDED, AND IN PART BY THE TAXES OF THE CITIZENS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

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YARD SCHEME



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REV	DATE	BY	APP	REG NO	EXPIRES	SEAL HOLDER	DESCRIPTION

DESIGNED BY  
T. Turanick  
 DRAWN BY  
M. Semeraro  
 CHECKED BY  
L. Morgan  
 IN CHARGE  
L. Morgan  
 DATE  
08-15-2011

FOR REVIEW  
ONLY NOT FOR  
CONSTRUCTION  
 LEE W ABRAMSON  
C44285

LOS ANGELES COUNTY METROPOLITAN  
TRANSPORTATION AUTHORITY

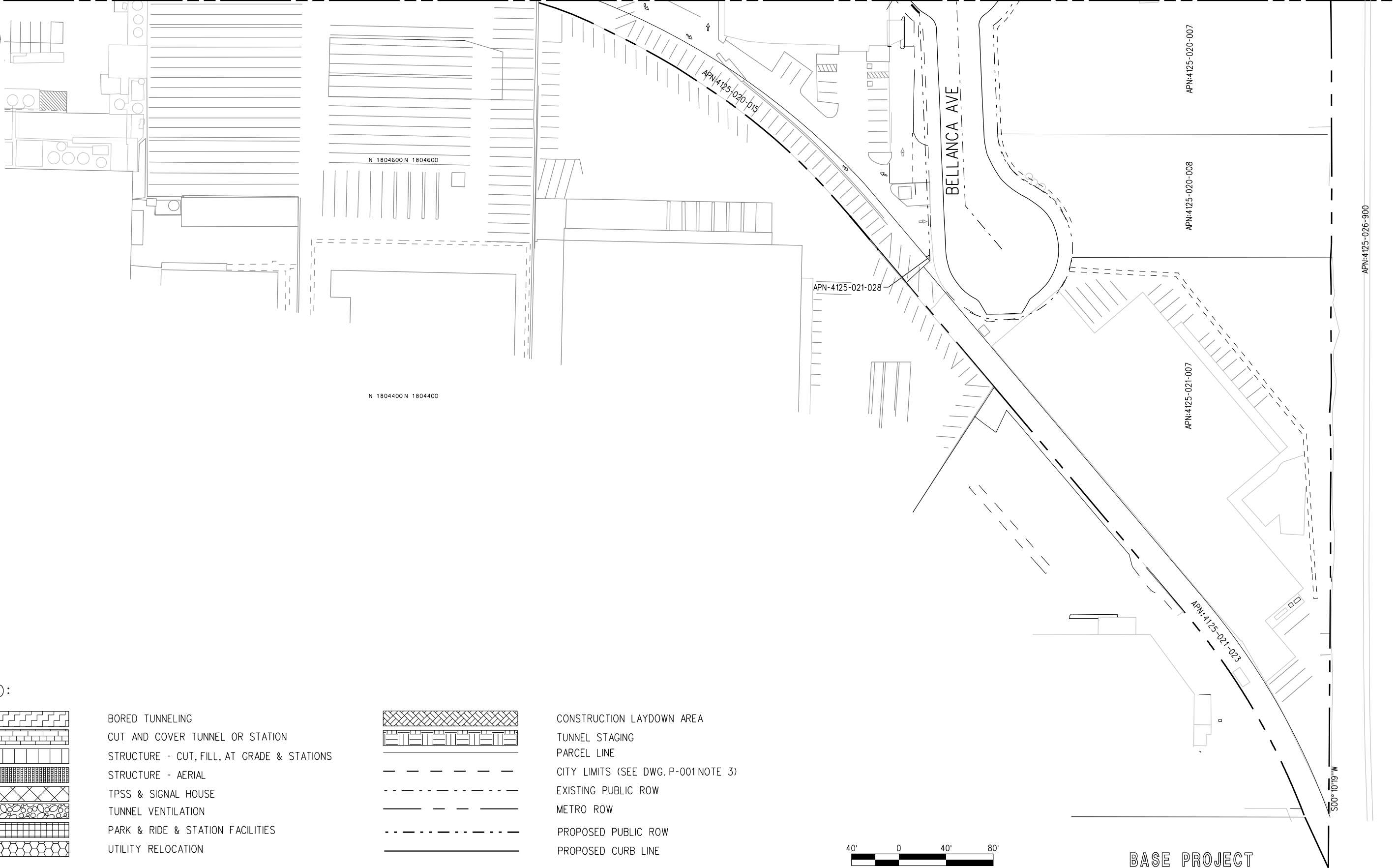
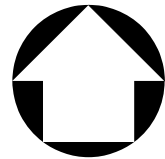
6151 W. Century Blvd.  
Suite 800  
Los Angeles, CA 90045  
Phone: 310-337-0500  
Fax: 310-337-0042

600 Wilshire Boulevard, Suite 1000  
Los Angeles, California 90017  
PH/NEC 213-291-1300  
FAX 213-291-1357

CRENSHAW/LAX  
TRANSIT CORRIDOR PROJECT  
SOUTHWESTERN YARD SITE PLAN

CONTRACT NO	E0117
DRAWING NO	SP-101
SCALE	1"=100'-0"
SHEET NO	314

MATCH LINE SEE DWG P-101



	BORED TUNNELING		CONSTRUCTION LAYDOWN AREA
	CUT AND COVER TUNNEL OR STATION		TUNNEL STAGING
	STRUCTURE - CUT, FILL, AT GRADE & STATIONS		PARCEL LINE
	STRUCTURE - AERIAL		CITY LIMITS (SEE DWG. P-001 NOTE 3)
	TPSS & SIGNAL HOUSE		EXISTING PUBLIC ROW
	TUNNEL VENTILATION		METRO ROW
	PARK & RIDE & STATION FACILITIES		PROPOSED PUBLIC ROW
	UTILITY RELOCATION		PROPOSED CURB LINE



BASE PROJECT

C:\veys-feir\Site 14\p-100\_row\_mtm.dgn  
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REV	DATE	BY	APP	REG NO	EXPIRES	SEAL HOLDER	DESCRIPTION

DESIGNED BY M.Semeraro
DRAWN BY M.Semeraro
CHECKED BY L.Morgan
IN CHARGE L.Morgan
DATE 08-15-2011

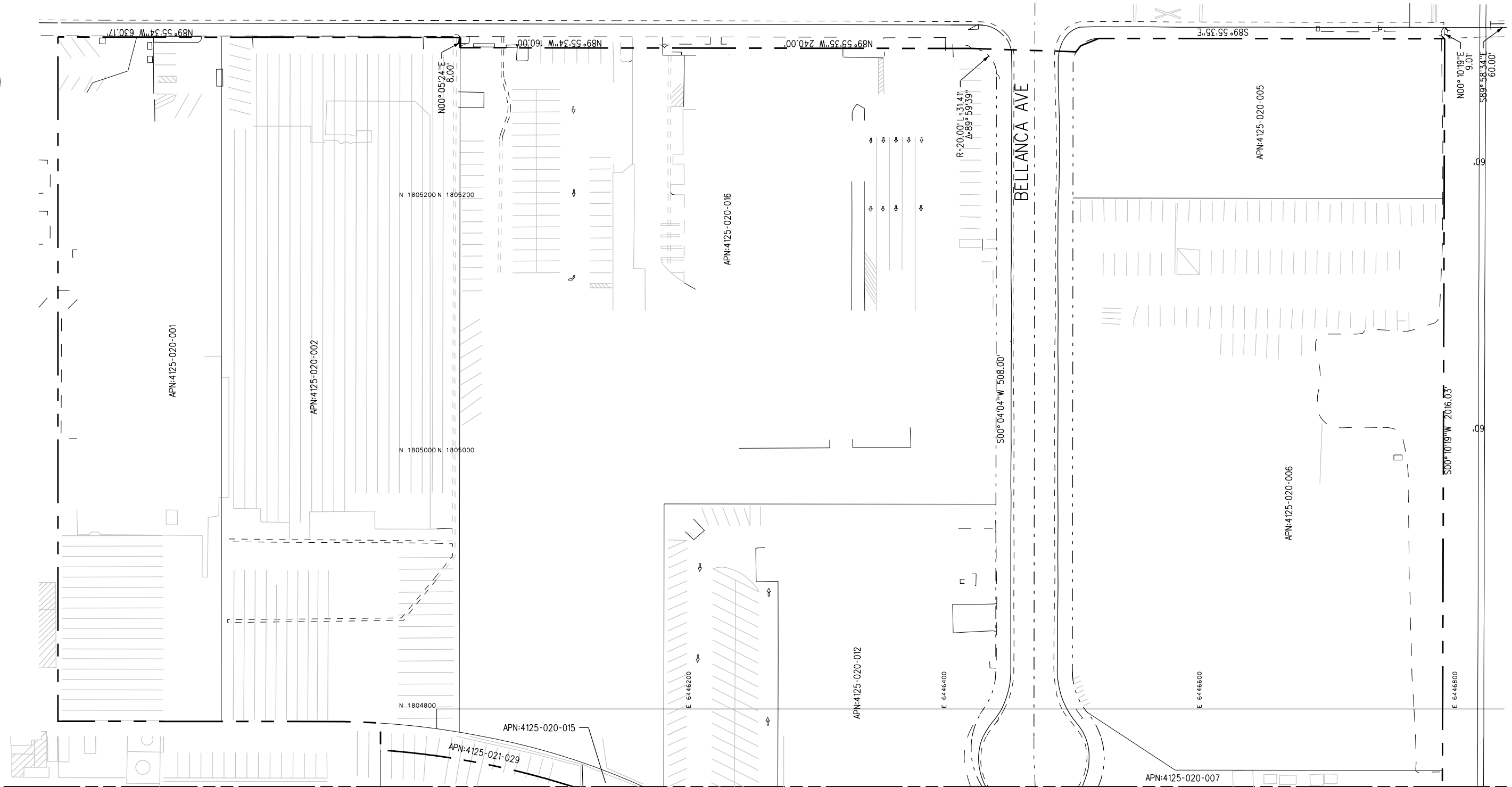
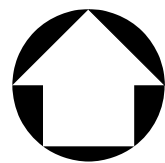
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 C44285

**LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY**  

 6151 W. Century Blvd.  
 Suite 800  
 Los Angeles, CA 90045  
 Phone: 310-337-0500  
 Fax: 310-337-0042

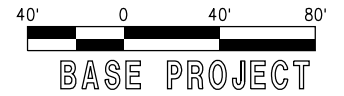
**CRENSHAW/LAX TRANSIT CORRIDOR PROJECT**  
**PROPOSED RIGHT OF WAY PLAN**  
 SHEET 1 OF 2

CONTRACT NO	E0117
DRAWING NO	P-100
SCALE	1"=40'
SHEET NO	315



**LEGEND:**

	BORED TUNNELING		TUNNEL VENTILATION		PARCEL LINE		PROPOSED CURB LINE
	CUT AND COVER TUNNEL OR STATION		PARK & RIDE & STATION FACILITIES		CITY LIMITS (SEE DWG. P-001 NOTE 3)		EXISTING PUBLIC ROW
	STRUCTURE - CUT, FILL, AT GRADE & STATIONS		UTILITY RELOCATION		METRO ROW		PROPOSED PUBLIC ROW
	STRUCTURE - AERIAL		CONSTRUCTION LAYDOWN AREA				
	TPSS & SIGNAL HOUSE		TUNNEL STAGING				



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REV	DATE	BY	APP	REG NO	EXPIRES	SEAL HOLDER	DESCRIPTION

DESIGNED BY  
M.Semeraro  
DRAWN BY  
M.Semeraro  
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L.Morgan  
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DATE  
08-15-2011

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LEE W ABRAMSON  
C44285

**Metro** LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY

**Hatch Mott MacDonald**  
6151 W. Century Blvd. Suite 800  
Los Angeles, CA 90045  
Phone: 310-337-0500  
Fax: 310-337-0042

CRENSHAW/LAX TRANSIT CORRIDOR PROJECT  
PROPOSED RIGHT OF WAY PLAN  
SHEET 2 OF 2

CONTRACT NO	E0117
DRAWING NO	P-101
SCALE	1" = 40'
SHEET NO	316

Los Angeles County  
Metropolitan Transportation Authority

One Gateway Plaza  
Los Angeles, CA 90012-2952

213.922.9200 Tel  
213.922.5259 Fax  
metro.net



*Prepared by The US Department of Transportation Federal Transit Administration  
and The Los Angeles County Metropolitan Transportation Authority*