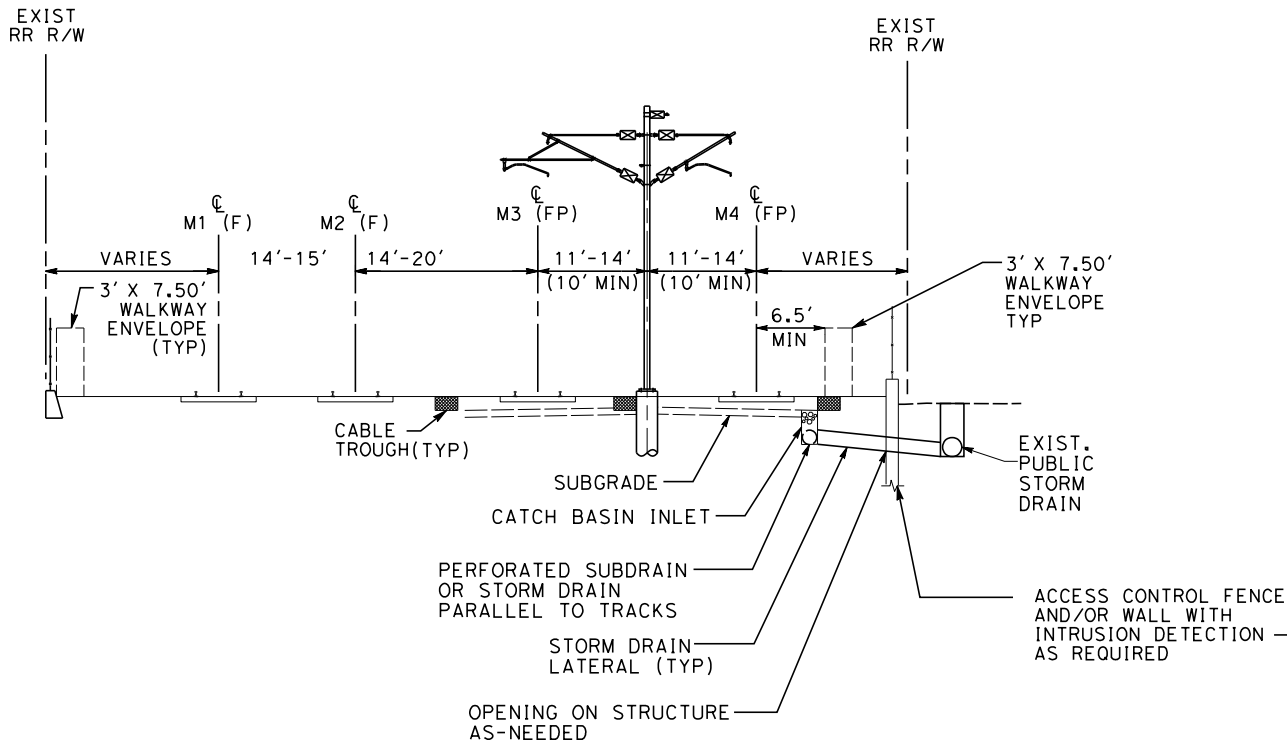


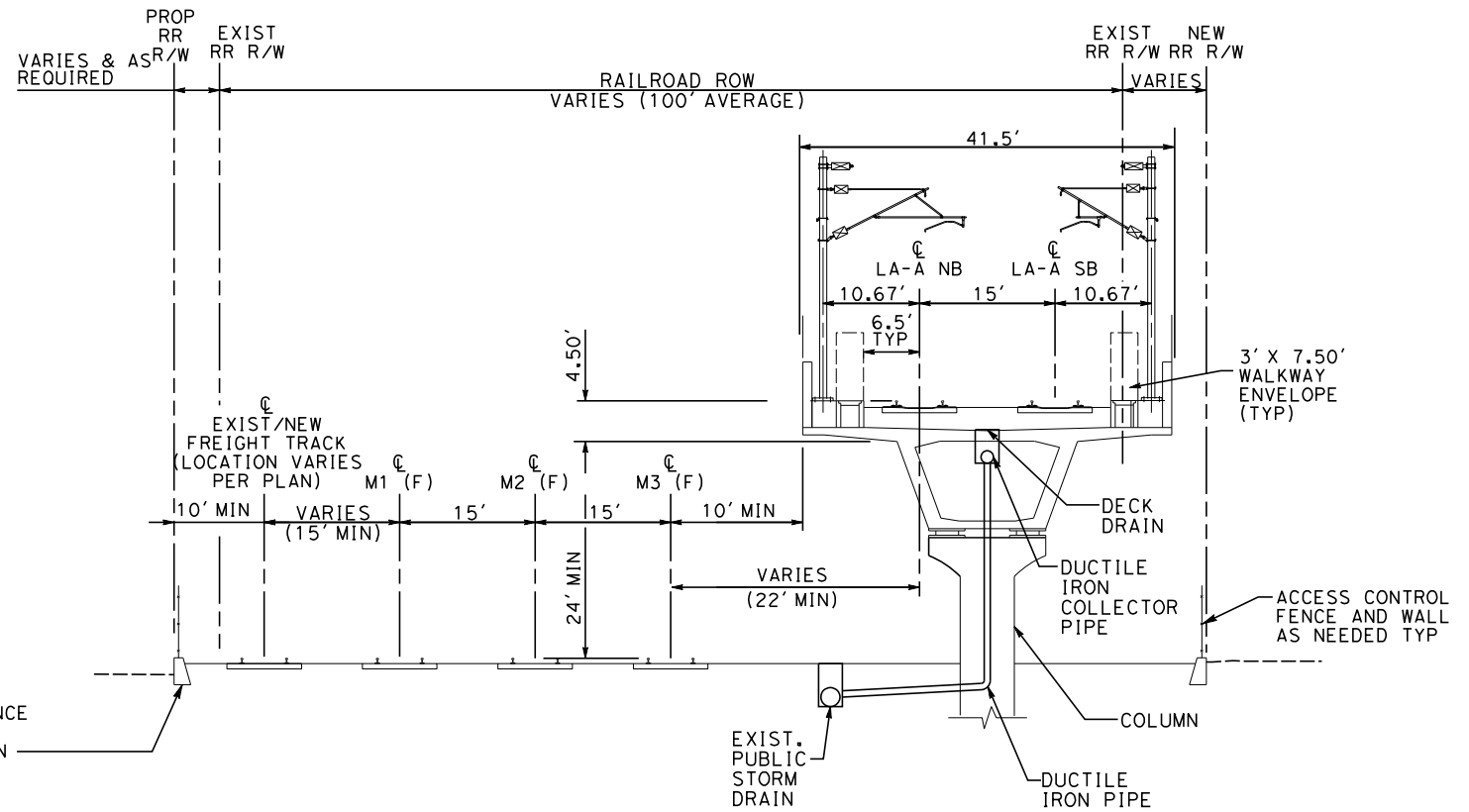
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\$PLOT\$



TYPICAL DRAINAGE CONCEPT FOR AT GRADE CONDITION

NTS



TYPICAL DRAINAGE CONCEPT FOR AERIAL STRUCTURE

NTS

NOT FOR CONSTRUCTION  
FOR INTERNAL USE ONLY



1"=10'  
SCALE APPLICABLE FOR FULL SIZE ONLY

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY R. WONG
DRAWN BY D. BARRAZA
CHECKED BY M. SATISH
IN CHARGE J. SWANSON
DATE 08/29/25

PEPD  
SUBMITTAL  
FOR INTERNAL  
USE ONLY

NOT FOR  
CONSTRUCTION

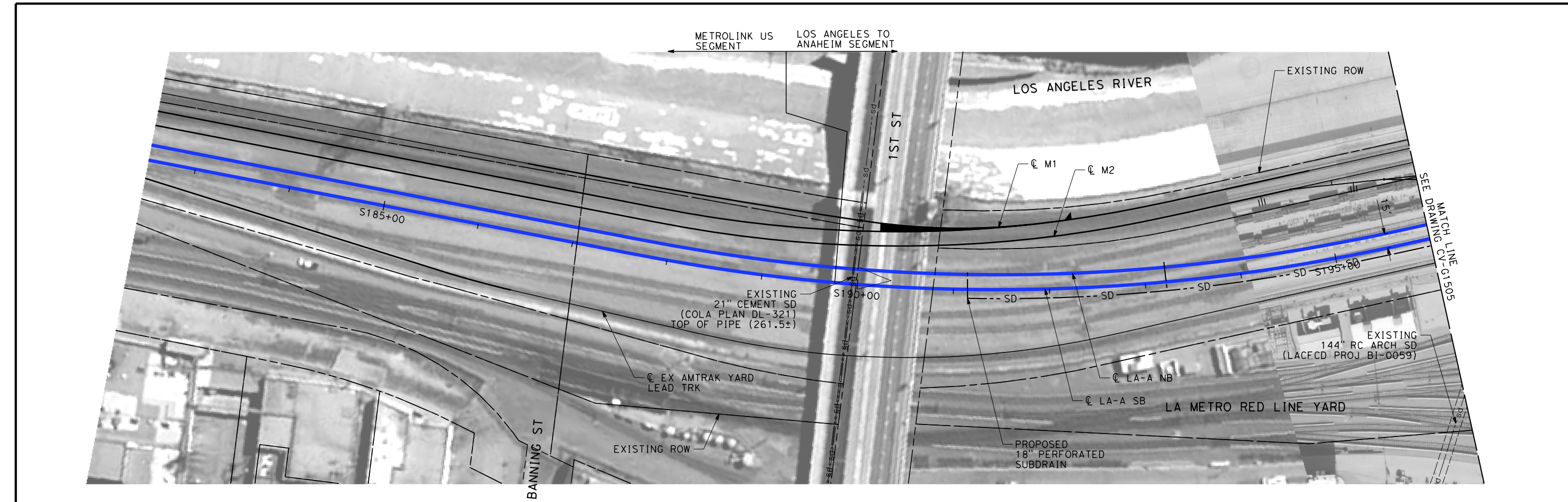


CALIFORNIA  
HIGH-SPEED RAIL AUTHORITY

**CALIFORNIA HIGH-SPEED TRAIN PROJECT  
LOS ANGELES TO ANAHEIM**

RECORD SET  
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION  
DRAINAGE TYPICAL SECTION

CONTRACT NO. HSR06-0005
DRAWING NO. CV-G0011
SCALE AS SHOWN
SHEET NO.



NOTES:



- 1. INTRUSION BARRIER WILL BE PROVIDED AT RAILROAD RIGHT OF WAY.
- 2. CONTOUR GRADING ALONG THE HST TRACKS IS BASED ON THE TOP OF SUBGRADE ELEVATIONS. BALLAST IS NOT INCLUDED.
- 3. FOR RETAINING WALL INFORMATION SEE RETAINING WALL PLANS IN VOLUME 3.2.

NOT FOR CONSTRUCTION  
FOR INTERNAL USE ONLY

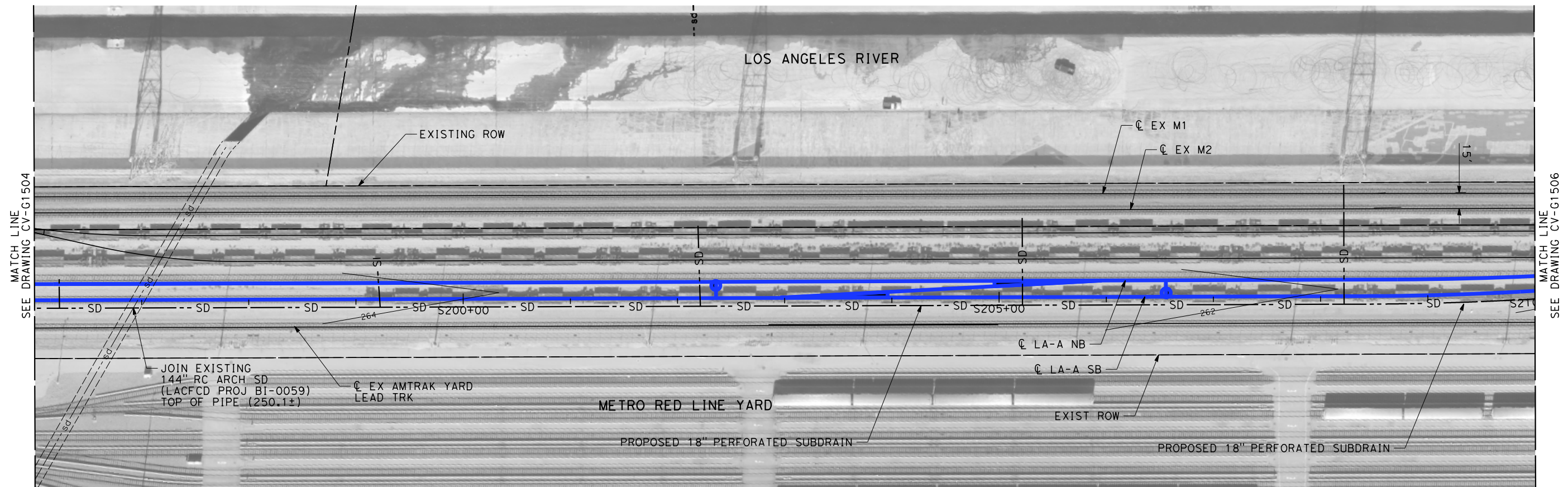
500500100

1"=50'

SCALE APPLICABLE FOR FULL SIZE ONLY

						DESIGNED BY R. WONG	PEPD SUBMITTAL FOR INTERNAL USE ONLY  NOT FOR CONSTRUCTION			CALIFORNIA HIGH-SPEED TRAIN PROJECT LOS ANGELES TO ANAHEIM RECORD SET PRELIMINARY ENGINEERING FOR PROJECT DEFINITION GRADING AND DRAINAGE STA S182+50 TO STA S196+00	CONTRACT NO. HSR06-0005
						DRAWN BY D. BARRAZA					DRAWING NO. CV-G1504
						CHECKED BY M. SATISH					SCALE 1" = 50'
						IN CHARGE J. SWANSON					SHEET NO.
						DATE 08/29/25					
REV	DATE	BY	CHK	APP	DESCRIPTION						







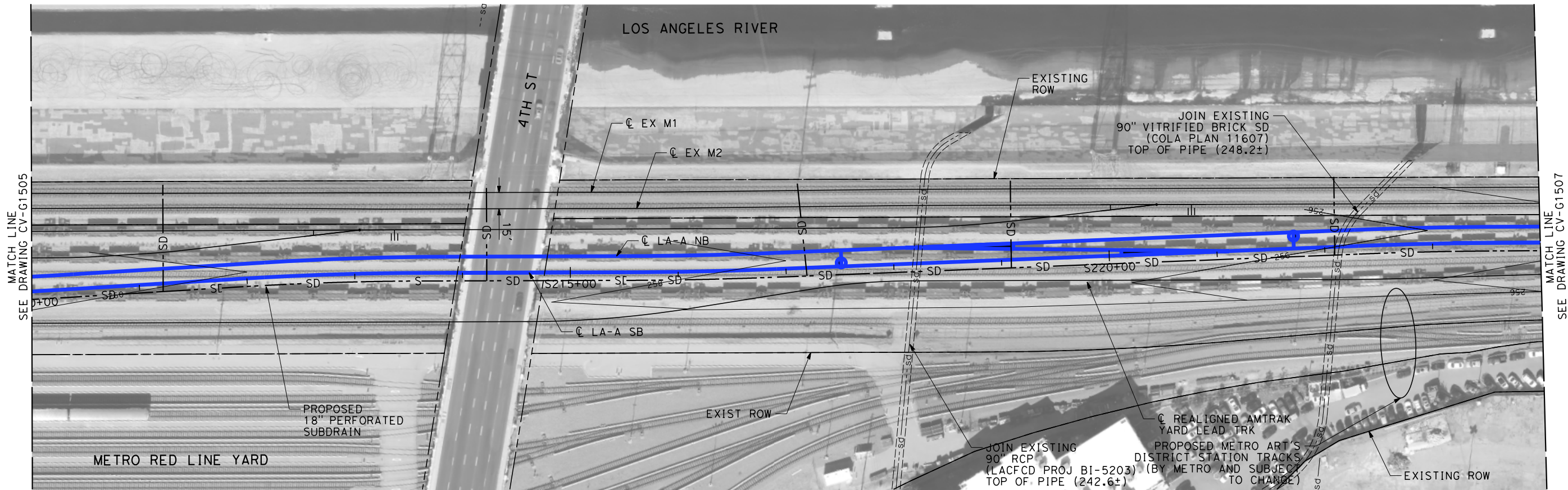
NOTES:

- INTRUSION BARRIER WILL BE PROVIDED AT RAILROAD RIGHT OF WAY.
- CONTOUR GRADING ALONG THE HST TRACKS IS BASED ON THE TOP OF SUBGRADE ELEVATIONS. BALLAST IS NOT INCLUDED.
- FOR RETAINING WALL INFORMATION SEE RETAINING WALL PLANS IN VOLUME 3.2.

NOT FOR CONSTRUCTION  
FOR INTERNAL USE ONLY

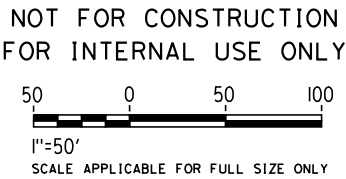
50 0 50 100  
1"=50'  
SCALE APPLICABLE FOR FULL SIZE ONLY

						DESIGNED BY R. WONG	PEPD SUBMITTAL FOR INTERNAL USE ONLY  NOT FOR CONSTRUCTION			CALIFORNIA HIGH-SPEED TRAIN PROJECT LOS ANGELES TO ANAHEIM RECORD SET PRELIMINARY ENGINEERING FOR PROJECT DEFINITION GRADING AND DRAINAGE STA S196+00 TO STA S210+00	CONTRACT NO. HSR06-0005
						DRAWN BY D. BARRAZA					DRAWING NO. CV-G1505
						CHECKED BY M. SATISH					SCALE 1" = 50'
						IN CHARGE J. SWANSON					SHEET NO.
						DATE 08/29/25					
REV	DATE	BY	CHK	APP	DESCRIPTION						



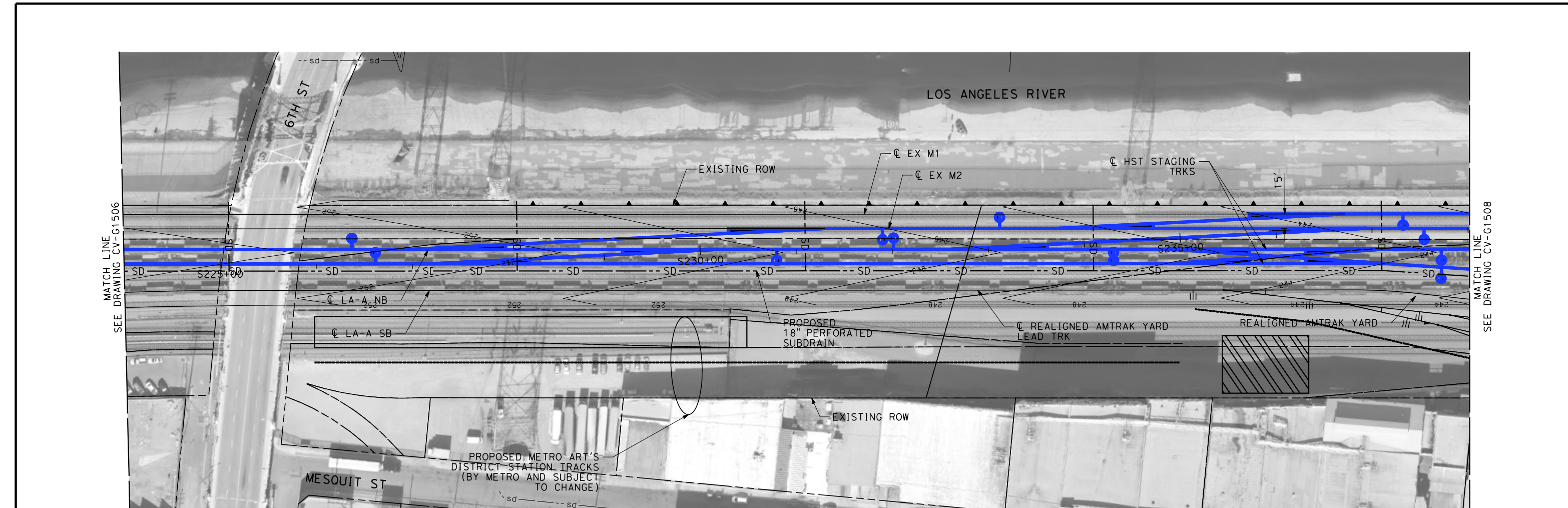
NOTES:

1. INTRUSION BARRIER WILL BE PROVIDED AT RAILROAD RIGHT OF WAY.
2. CONTOUR GRADING ALONG THE HST TRACKS IS BASED ON THE TOP OF SUBGRADE ELEVATIONS. BALLAST IS NOT INCLUDED.
3. FOR RETAINING WALL INFORMATION SEE RETAINING WALL PLANS IN VOLUME 3.2.



							DESIGNED BY	PEPD			CALIFORNIA HIGH-SPEED TRAIN PROJECT	CONTRACT NO.
							R. WONG					HSR06-0005
							DRAWN BY					DRAWING NO.
							D. BARRAZA					CV-G1506
							CHECKED BY					SCALE
							M. SATISH				PRELIMINARY ENGINEERING FOR PROJECT DEFINITION	1" = 50'
							IN CHARGE				GRADING AND DRAINAGE	
							J. SWANSON				STA S210+00 TO STA S224+00	
							DATE					SHEET NO.
							08/29/25					
REV	DATE	BY	CHK	APP	DESCRIPTION							







NOTES:

- 1. INTRUSION BARRIER WILL BE PROVIDED AT RAILROAD RIGHT OF WAY.
- 2. CONTOUR GRADING ALONG THE HST TRACKS IS BASED ON THE TOP OF SUBGRADE ELEVATIONS. BALLAST IS NOT INCLUDED.
- 3. FOR RETAINING WALL INFORMATION SEE RETAINING WALL PLANS IN VOLUME 3.2.

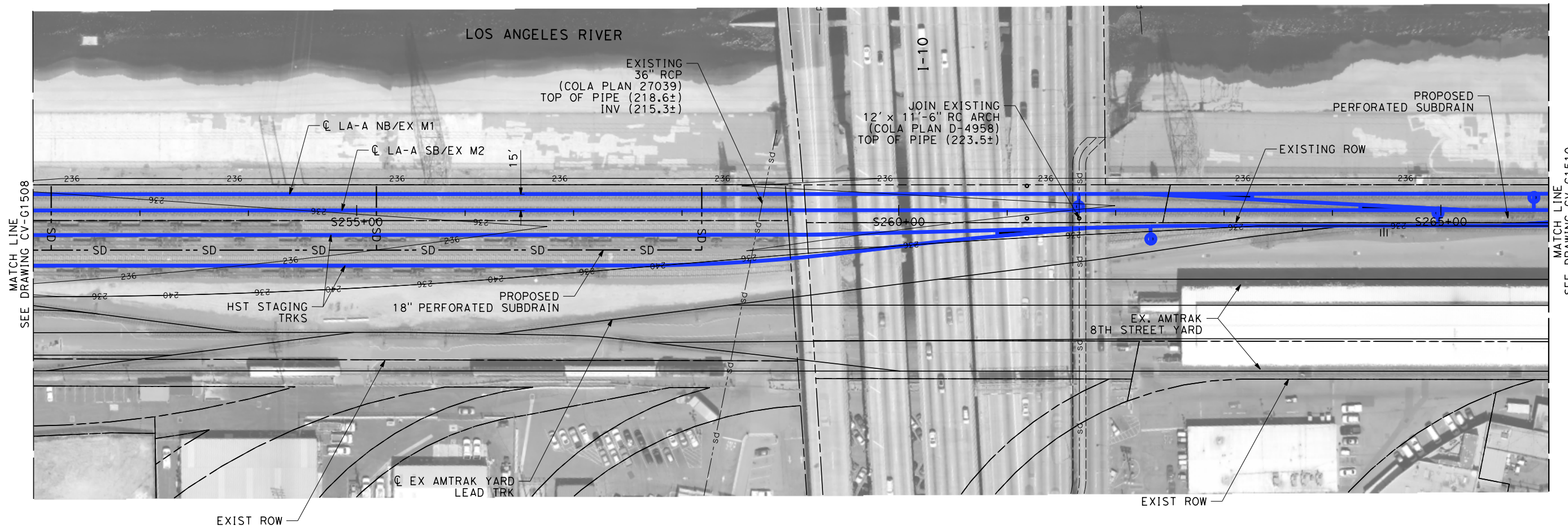
NOT FOR CONSTRUCTION  
FOR INTERNAL USE ONLY

50 0 50 100  
1"=50'  
SCALE APPLICABLE FOR FULL SIZE ONLY

\$PLOT\$							DESIGNED BY R. WONG	PEPD SUBMITTAL FOR INTERNAL USE ONLY  NOT FOR CONSTRUCTION			CALIFORNIA HIGH-SPEED TRAIN PROJECT LOS ANGELES TO ANAHEIM RECORD SET PRELIMINARY ENGINEERING FOR PROJECT DEFINITION GRADING AND DRAINAGE STA S224+00 TO STA S238+00	CONTRACT NO. HSR06-0005
							DRAWN BY D. BARRAZA					DRAWING NO. CV-G1507
							CHECKED BY M. SATISH					SCALE 1" = 50'
							IN CHARGE J. SWANSON					SHEET NO.
							DATE 08/29/25					
	REV	DATE	BY	CHK	APP	DESCRIPTION						









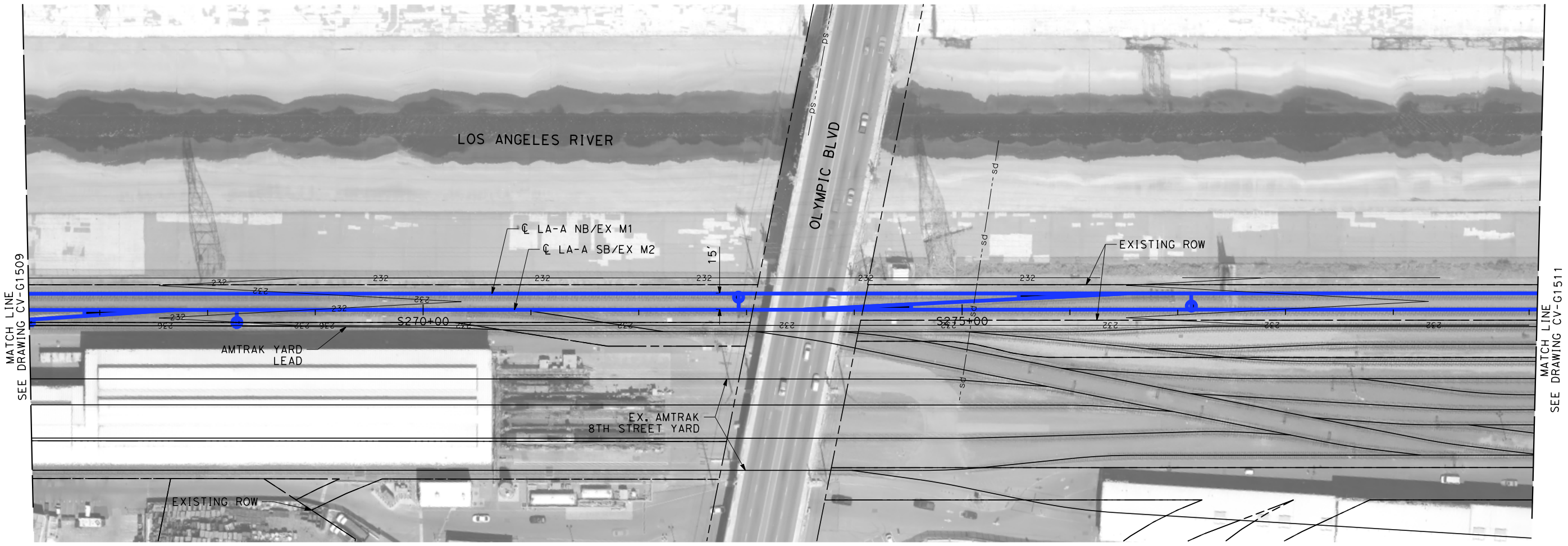
NOTES:

- 1. INTRUSION BARRIER WILL BE PROVIDED AT RAILROAD RIGHT OF WAY.
- 2. CONTOUR GRADING ALONG THE HST TRACKS IS BASED ON THE TOP OF SUBGRADE ELEVATIONS. BALLAST IS NOT INCLUDED.
- 3. FOR RETAINING WALL INFORMATION SEE RETAINING WALL PLANS IN VOLUME 3.2.

NOT FOR CONSTRUCTION  
FOR INTERNAL USE ONLY

50 0 50 100  
1"=50'  
SCALE APPLICABLE FOR FULL SIZE ONLY

\$PLOT \$							DESIGNED BY R. WONG	PEPD SUBMITTAL FOR INTERNAL USE ONLY			CALIFORNIA HIGH-SPEED TRAIN PROJECT LOS ANGELES TO ANAHEIM RECORD SET PRELIMINARY ENGINEERING FOR PROJECT DEFINITION GRADING AND DRAINAGE STA S252+00 TO STA S266+00	CONTRACT NO. HSR06-0005
							DRAWN BY D. BARRAZA					DRAWING NO. CV-G1509
							CHECKED BY M. SATISH					SCALE 1" = 50'
							IN CHARGE J. SWANSON					SHEET NO.
	REV	DATE	BY	CHK	APP	DESCRIPTION	DATE 08/29/25	NOT FOR CONSTRUCTION				





NOTES:

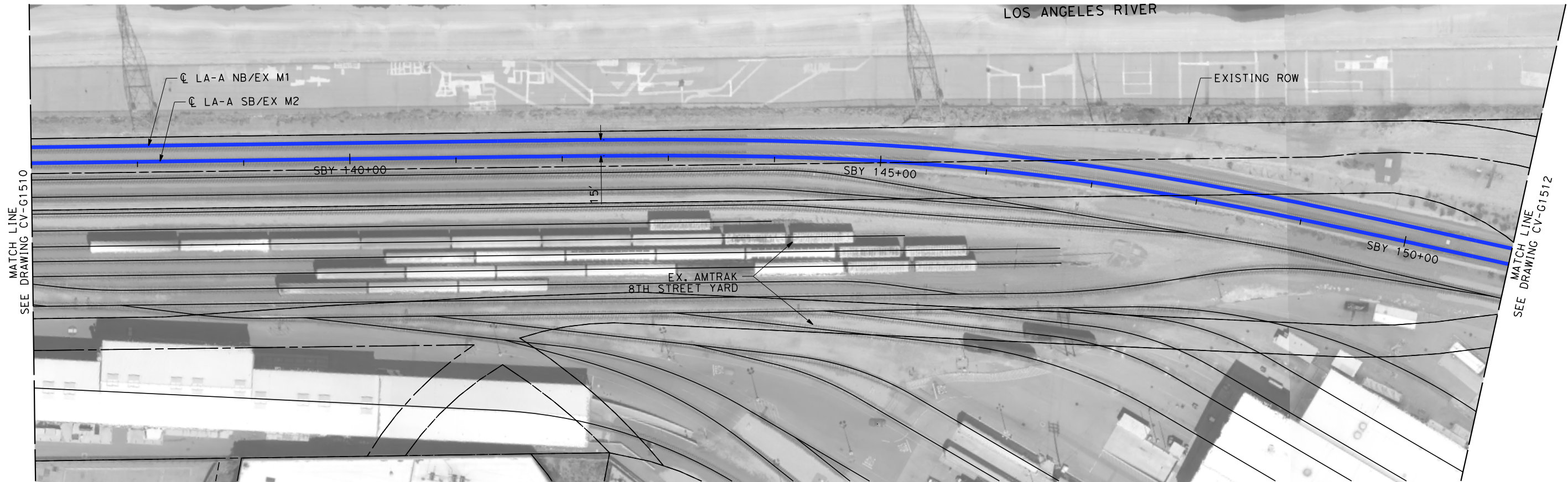
- 1. INTRUSION BARRIER WILL BE PROVIDED AT RAILROAD RIGHT OF WAY.
- 2. CONTOUR GRADING ALONG THE HST TRACKS IS BASED ON THE TOP OF SUBGRADE ELEVATIONS. BALLAST IS NOT INCLUDED.
- 3. FOR RETAINING WALL INFORMATION SEE RETAINING WALL PLANS IN VOLUME 3.2.

NOT FOR CONSTRUCTION  
FOR INTERNAL USE ONLY

50 0 50 100  
1"=50'  
SCALE APPLICABLE FOR FULL SIZE ONLY

\$PLOT \$						DESIGNED BY R. WONG	PEPD SUBMITTAL FOR INTERNAL USE ONLY  NOT FOR CONSTRUCTION			CALIFORNIA HIGH-SPEED TRAIN PROJECT LOS ANGELES TO ANAHEIM RECORD SET PRELIMINARY ENGINEERING FOR PROJECT DEFINITION GRADING AND DRAINAGE STA S266+00 (BACK) TO STA SBY 137+00 (AHEAD)	CONTRACT NO. HSR06-0005
						DRAWN BY D. BARRAZA					DRAWING NO. CV-G1510
						CHECKED BY M. SATISH					SCALE 1" = 50'
						IN CHARGE J. SWANSON					SHEET NO.
						DATE 02/28/25					
	REV	DATE	BY	CHK	APP	DESCRIPTION					







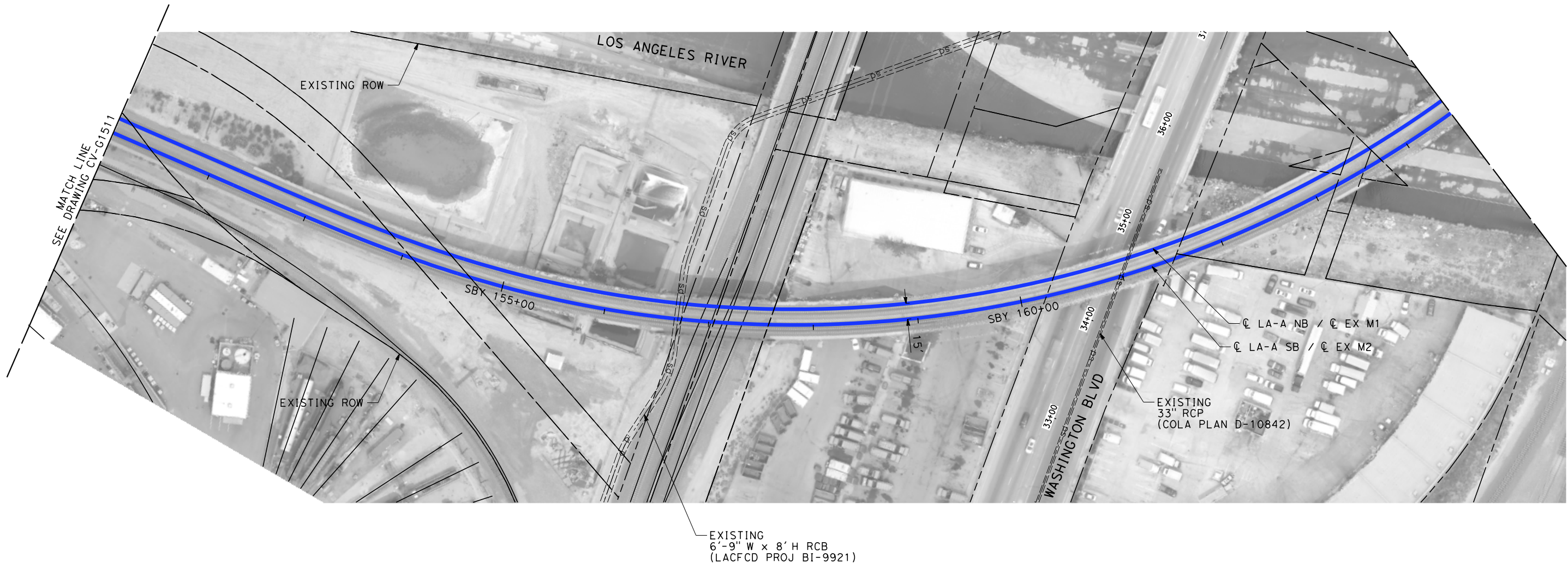
NOTES:

- 1. INTRUSION BARRIER WILL BE PROVIDED AT RAILROAD RIGHT OF WAY.
- 2. CONTOUR GRADING ALONG THE HST TRACKS IS BASED ON THE TOP OF SUBGRADE ELEVATIONS. BALLAST IS NOT INCLUDED.
- 3. FOR RETAINING WALL INFORMATION SEE RETAINING WALL PLANS IN VOLUME 3.2.

NOT FOR CONSTRUCTION  
FOR INTERNAL USE ONLY

50 0 50 100  
1"=50'  
SCALE APPLICABLE FOR FULL SIZE ONLY

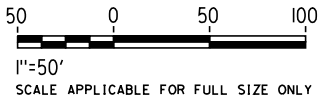
\$PLOTS							DESIGNED BY R. WONG	PEPD SUBMITTAL FOR INTERNAL USE ONLY  NOT FOR CONSTRUCTION			CALIFORNIA HIGH-SPEED TRAIN PROJECT LOS ANGELES TO ANAHEIM RECORD SET PRELIMINARY ENGINEERING FOR PROJECT DEFINITION GRADING AND DRAINAGE STA SBY 137+00 TO STA SBY 151+00	CONTRACT NO. HSR06-0005
							DRAWN BY D. BARRAZA					DRAWING NO. CV-G1511
							CHECKED BY M. SATISH					SCALE 1" = 50'
							IN CHARGE J. SWANSON					SHEET NO.
							DATE 02/28/25					
	REV	DATE	BY	CHK	APP	DESCRIPTION						





NOTES:

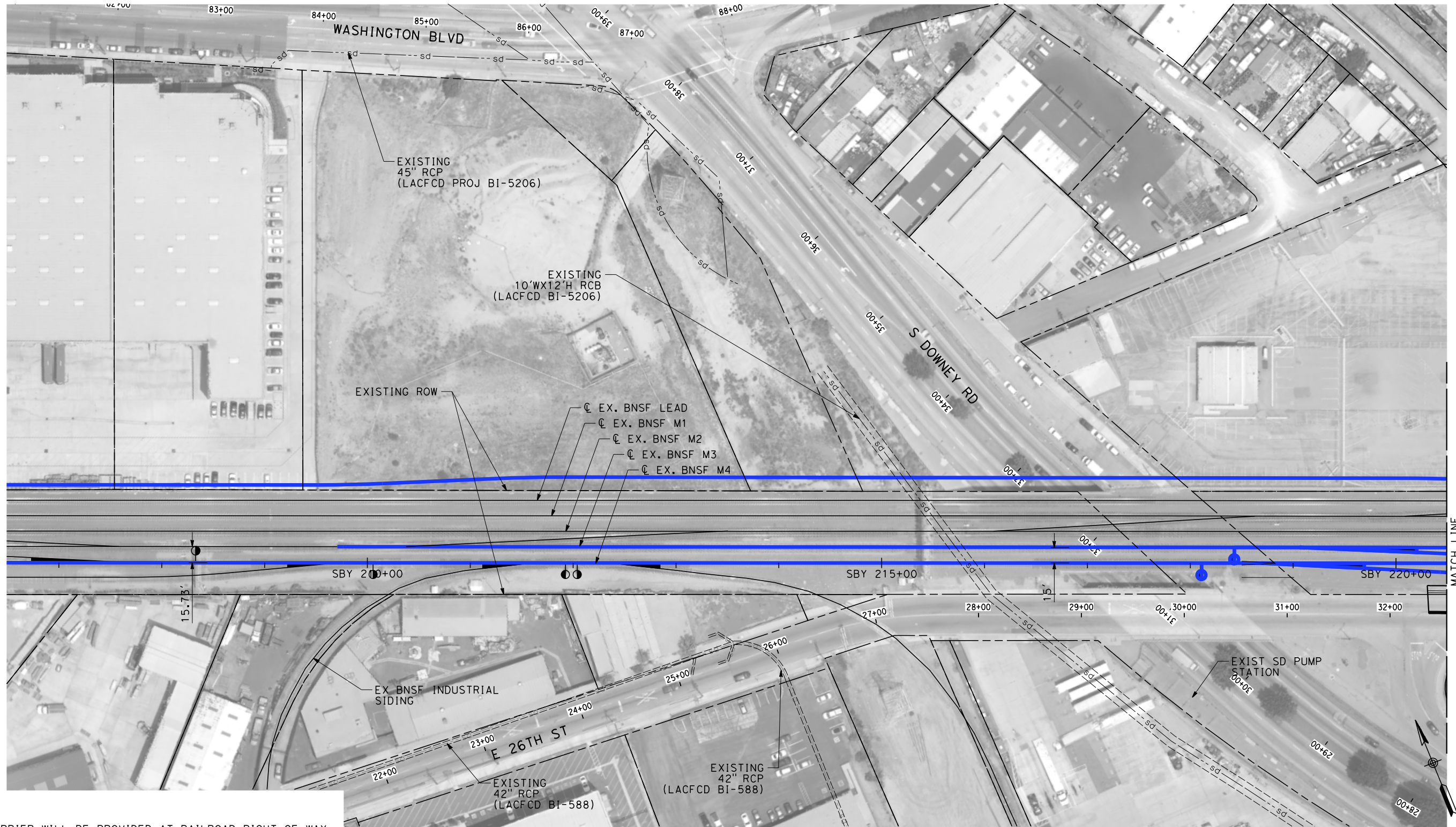
- 1. INTRUSION BARRIER WILL BE PROVIDED AT RAILROAD RIGHT OF WAY.
- 2. CONTOUR GRADING ALONG THE HST TRACKS IS BASED ON THE TOP OF SUBGRADE ELEVATIONS. BALLAST IS NOT INCLUDED.
- 3. FOR RETAINING WALL INFORMATION SEE RETAINING WALL PLANS IN VOLUME 3.2.

NOT FOR CONSTRUCTION  
FOR INTERNAL USE ONLY



\$	PLOT						DESIGNED BY R. WONG	PEPD SUBMITTAL FOR INTERNAL USE ONLY  NOT FOR CONSTRUCTION			CALIFORNIA HIGH-SPEED TRAIN PROJECT LOS ANGELES TO ANAHEIM RECORD SET PRELIMINARY ENGINEERING FOR PROJECT DEFINITION GRADING AND DRAINAGE STA SBY 151+00 TO STA SBY 164+50	CONTRACT NO. HSR06-0005
							DRAWN BY D. BARRAZA					DRAWING NO. CV-G1512
							CHECKED BY M. SATISH					SCALE 1" = 50'
							IN CHARGE J. SWANSON					SHEET NO.
							DATE 02/28/25					
		REV	DATE	BY	CHK	APP	DESCRIPTION					





NOTES:

- 1. INTRUSION BARRIER WILL BE PROVIDED AT RAILROAD RIGHT OF WAY.
- 2. CONTOUR GRADING ALONG THE HST TRACKS IS BASED ON THE TOP OF SUBGRADE ELEVATIONS. BALLAST IS NOT INCLUDED.
- 3. FOR RETAINING WALL INFORMATION SEE RETAINING WALL PLANS IN VOLUME 3.2.

NOT FOR CONSTRUCTION  
FOR INTERNAL USE ONLY

50 0 50 100  
1"=50'  
SCALE APPLICABLE FOR FULL SIZE ONLY

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY R. WONG
DRAWN BY D. BARRAZA
CHECKED BY M. SATISH
IN CHARGE J. SWANSON
DATE 02/28/25

PEPD  
SUBMITTAL  
FOR INTERNAL  
USE ONLY

NOT FOR  
CONSTRUCTION

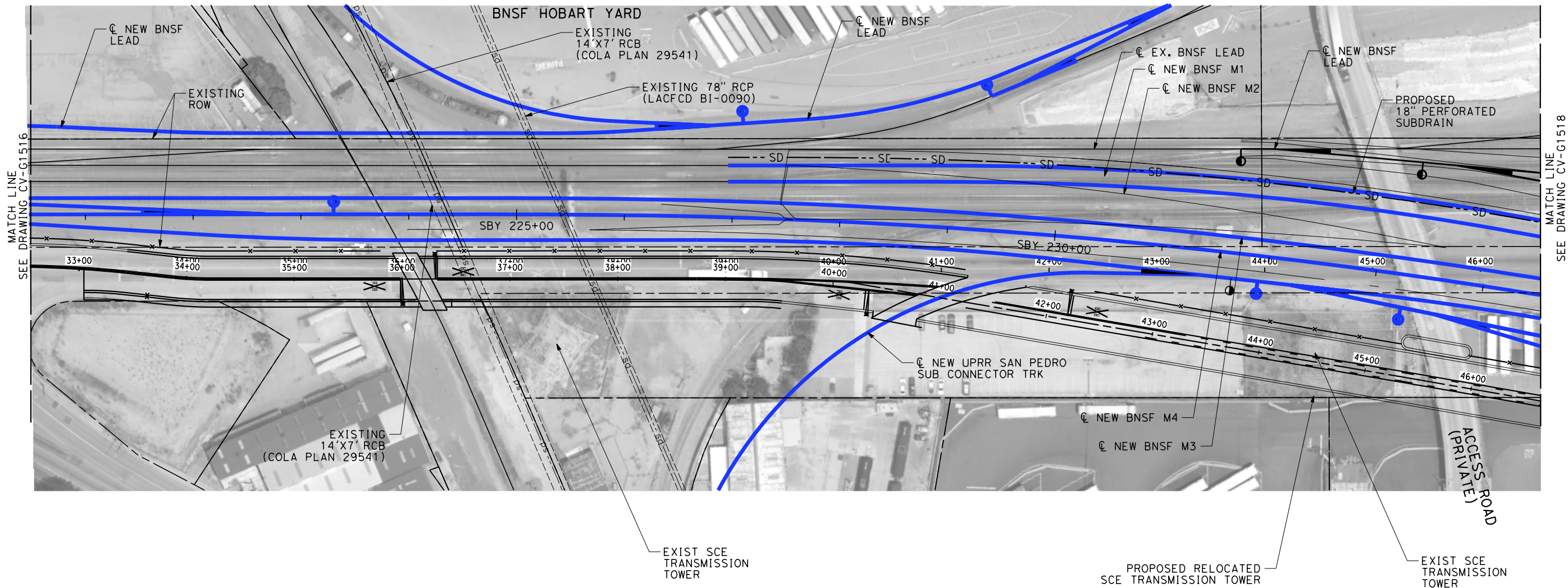


CALIFORNIA  
HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT  
LOS ANGELES TO ANAHEIM  
RECORD SET  
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION  
GRADING AND DRAINAGE  
STA SBY 206+50 TO STA SBY 220+50

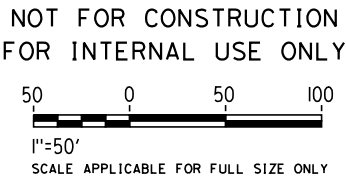
CONTRACT NO. HSR06-0005
DRAWING NO. CV-G1516
SCALE 1" = 50'
SHEET NO.







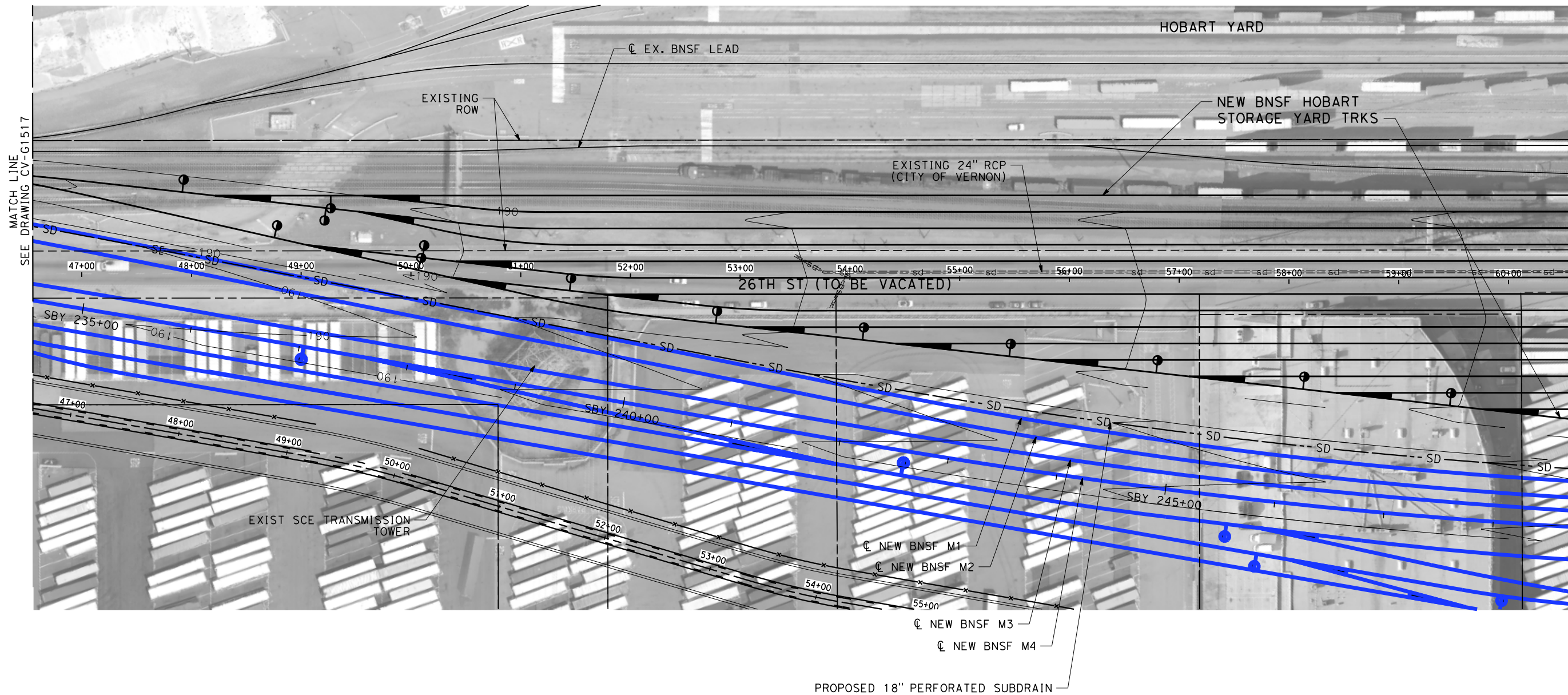
NOTES:

- 1. INTRUSION BARRIER WILL BE PROVIDED AT RAILROAD RIGHT OF WAY.
- 2. CONTOUR GRADING ALONG THE HST TRACKS IS BASED ON THE TOP OF SUBGRADE ELEVATIONS. BALLAST IS NOT INCLUDED.
- 3. FOR RETAINING WALL INFORMATION SEE RETAINING WALL PLANS IN VOLUME 3.2.



\$	PLOT						DESIGNED BY R. WONG	PEPD SUBMITTAL FOR INTERNAL USE ONLY  NOT FOR CONSTRUCTION			CALIFORNIA HIGH-SPEED TRAIN PROJECT LOS ANGELES TO ANAHEIM RECORD SET PRELIMINARY ENGINEERING FOR PROJECT DEFINITION GRADING AND DRAINAGE STA SBY 220+50 TO STA SBY 234+50	CONTRACT NO. HSR06-0005
							DRAWN BY D. BARRAZA					DRAWING NO. CV-G1517
							CHECKED BY M. SATISH					SCALE 1" = 50'
							IN CHARGE J. SWANSON					SHEET NO.
							DATE 02/28/25					
		REV	DATE	BY	CHK	APP	DESCRIPTION					





NOTES:

- INTRUSION BARRIER WILL BE PROVIDED AT RAILROAD RIGHT OF WAY.
- CONTOUR GRADING ALONG THE HST TRACKS IS BASED ON THE TOP OF SUBGRADE ELEVATIONS. BALLAST IS NOT INCLUDED.
- FOR RETAINING WALL INFORMATION SEE RETAINING WALL PLANS IN VOLUME 3.2.

NOT FOR CONSTRUCTION  
FOR INTERNAL USE ONLY

50 0 50 100  
1"=50'  
SCALE APPLICABLE FOR FULL SIZE ONLY

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY R. WONG
DRAWN BY D. BARRAZA
CHECKED BY M. SATISH
IN CHARGE J. SWANSON
DATE 02/28/25

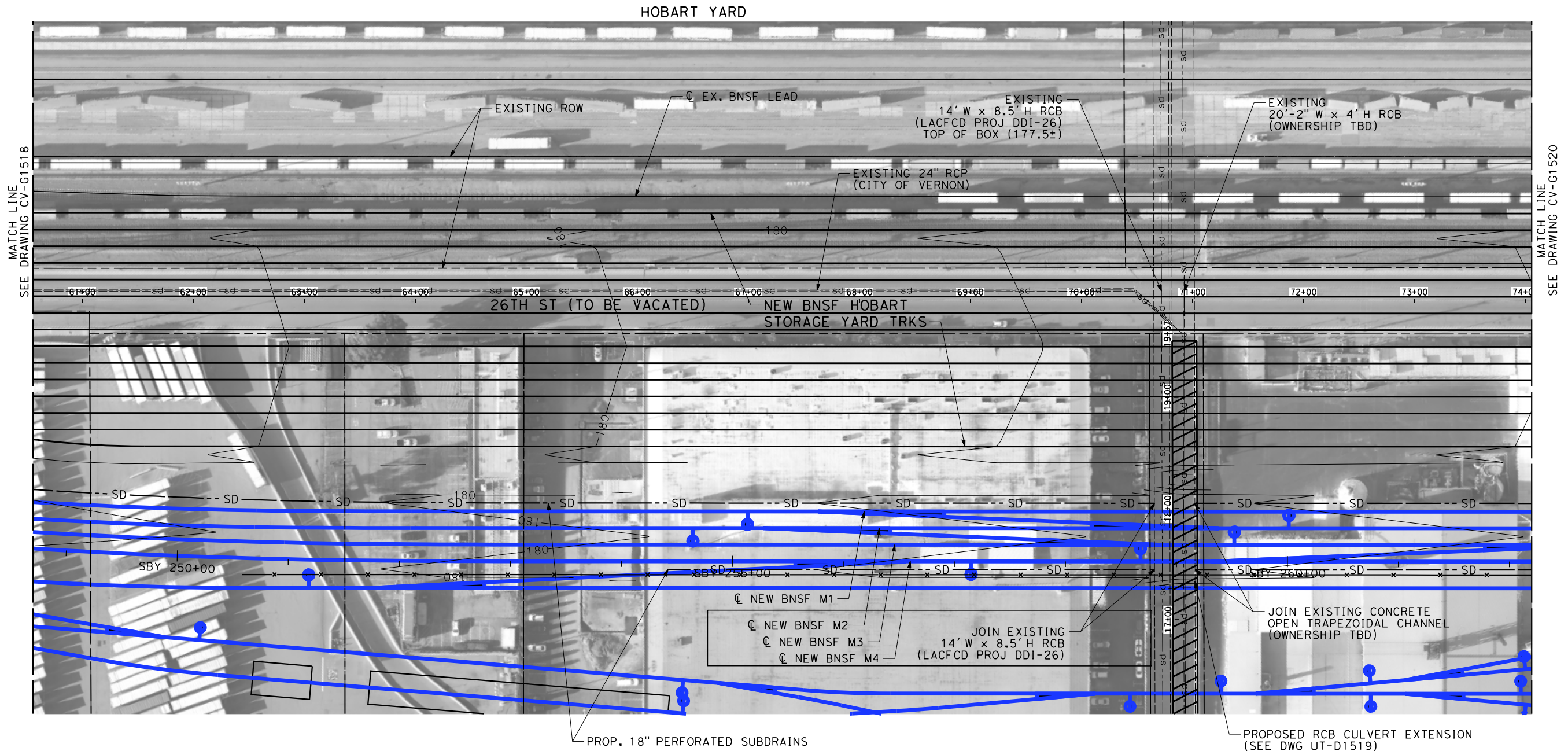
PEPD SUBMITTAL FOR INTERNAL USE ONLY
NOT FOR CONSTRUCTION



CALIFORNIA HIGH-SPEED TRAIN PROJECT LOS ANGELES TO ANAHEIM RECORD SET PRELIMINARY ENGINEERING FOR PROJECT DEFINITION GRADING AND DRAINAGE STA SBY 234+50 TO STA SBY 248+50
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CONTRACT NO. HSR06-0005
DRAWING NO. CV-G1518
SCALE 1" = 50'
SHEET NO.





NOTES:

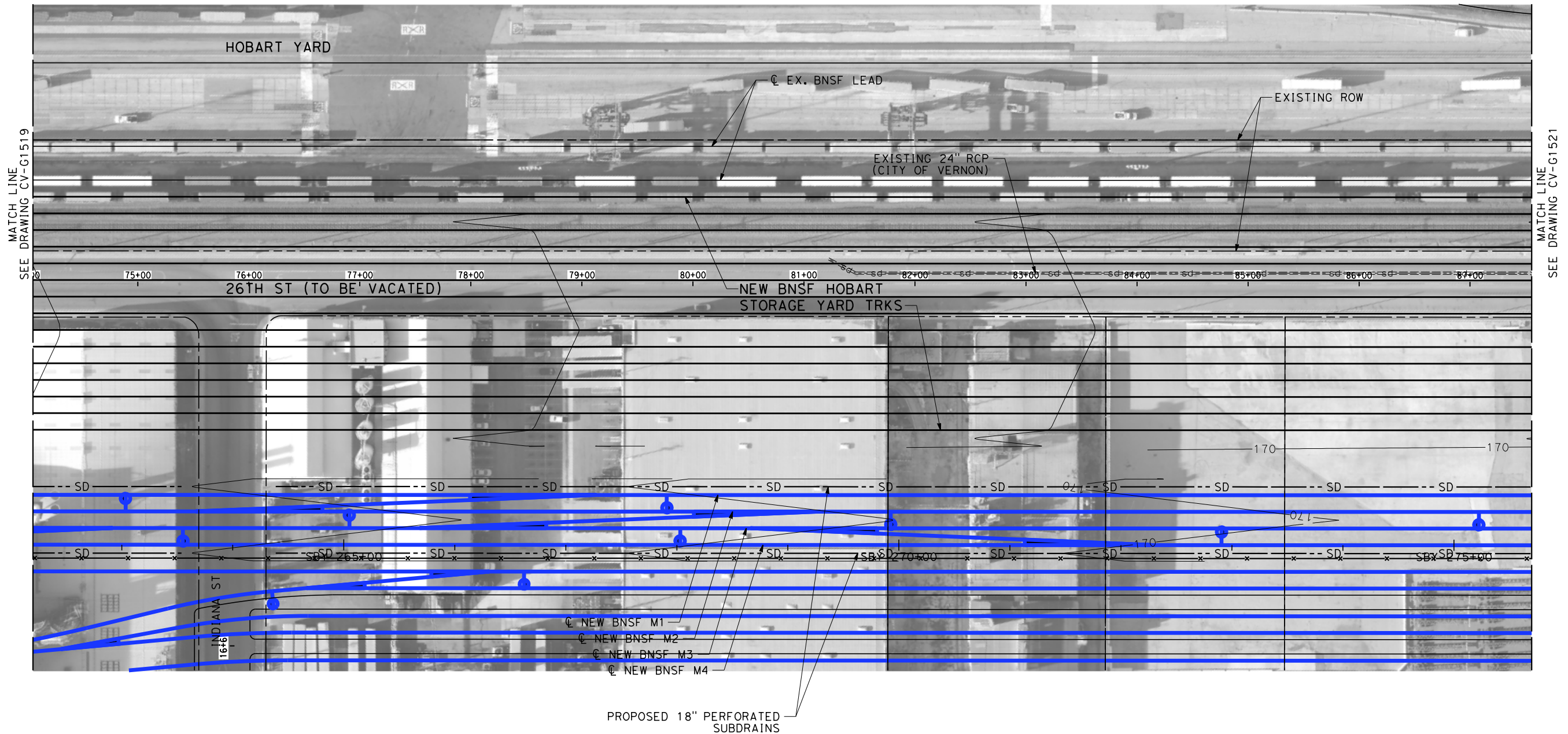
- INTRUSION BARRIER WILL BE PROVIDED AT RAILROAD RIGHT OF WAY.
- CONTOUR GRADING ALONG THE HST TRACKS IS BASED ON THE TOP OF SUBGRADE ELEVATIONS. BALLAST IS NOT INCLUDED.
- FOR RETAINING WALL INFORMATION SEE RETAINING WALL PLANS IN VOLUME 3.2.
- FOR RCB STRUCTURAL DESIGN SEE DWG ST-K1017 AND ST-K1018.

NOT FOR CONSTRUCTION  
FOR INTERNAL USE ONLY

50 0 50 100  
1"=50'  
SCALE APPLICABLE FOR FULL SIZE ONLY

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NOTES:

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- 2. CONTOUR GRADING ALONG THE HST TRACKS IS BASED ON THE TOP OF SUBGRADE ELEVATIONS. BALLAST IS NOT INCLUDED.
- 3. FOR RETAINING WALL INFORMATION SEE RETAINING WALL PLANS IN VOLUME 3.2.

NOT FOR CONSTRUCTION  
FOR INTERNAL USE ONLY

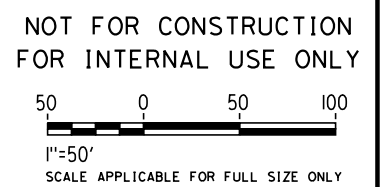
50 0 50 100  
1"=50'  
SCALE APPLICABLE FOR FULL SIZE ONLY



\$PLOT \$							DESIGNED BY R. WONG	PEPD SUBMITTAL FOR INTERNAL USE ONLY  NOT FOR CONSTRUCTION			CALIFORNIA HIGH-SPEED TRAIN PROJECT LOS ANGELES TO ANAHEIM RECORD SET PRELIMINARY ENGINEERING FOR PROJECT DEFINITION GRADING AND DRAINAGE STA SBY 262+00 TO STA SBY 275+50	CONTRACT NO. HSR06-0005
							DRAWN BY D. BARRAZA					DRAWING NO. CV-G1520
							CHECKED BY M. SATISH					SCALE 1" = 50'
							IN CHARGE J. SWANSON DATE 02/28/25					SHEET NO.
	REV	DATE	BY	CHK	APP	DESCRIPTION						



[illegible]

1. INTRUSION BARRIER WILL BE PROVIDED AT RAILROAD RIGHT OF WAY.
2. CONTOUR GRADING ALONG THE HST TRACKS IS BASED ON THE TOP OF SUBGRADE ELEVATIONS. BALLAST IS NOT INCLUDED.
3. FOR RETAINING WALL INFORMATION SEE RETAINING WALL PLANS IN VOLUME 3.2.

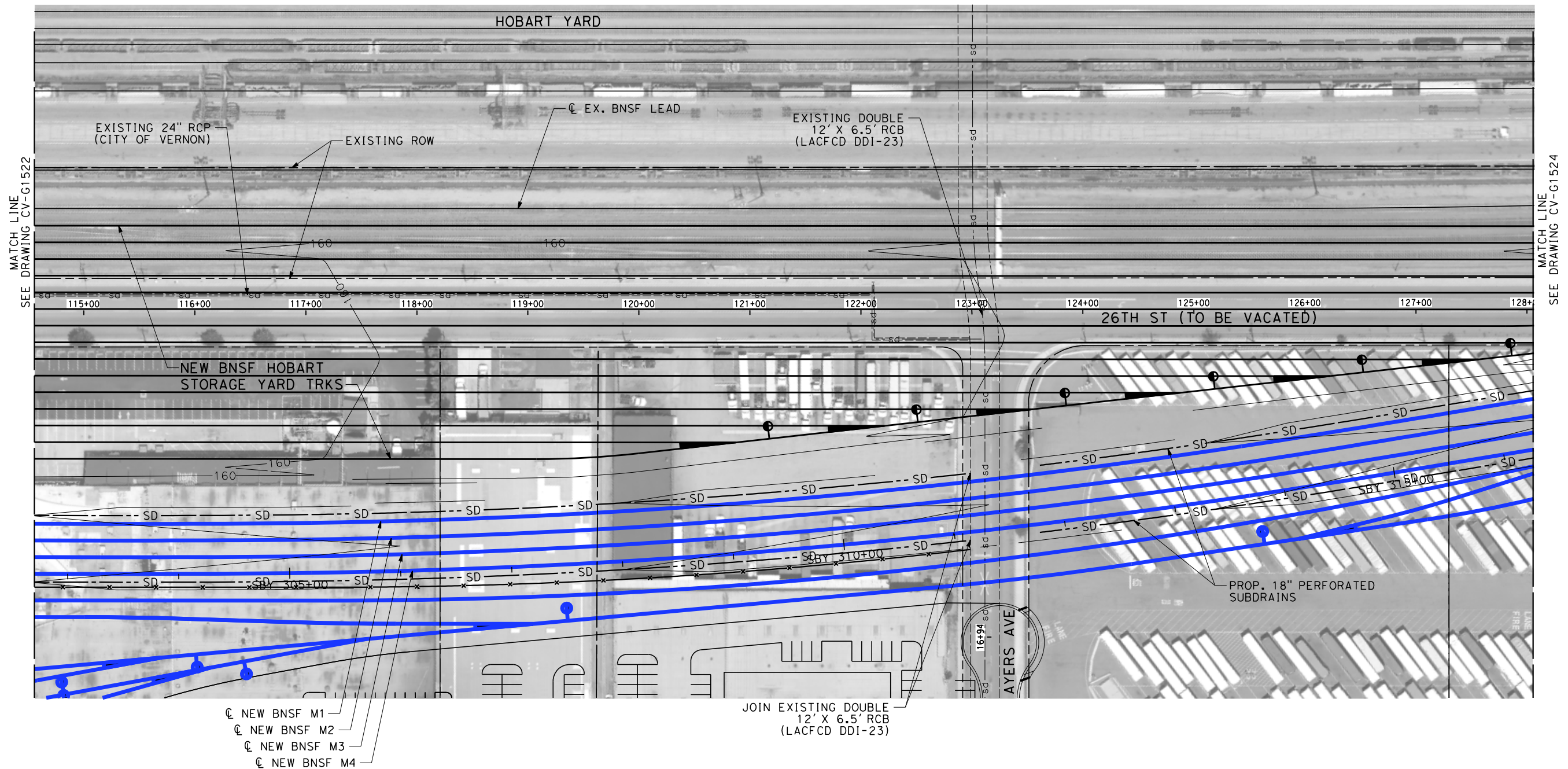


						DESIGNED BY R. WONG	<b>PEPD SUBMITTAL FOR INTERNAL USE ONLY</b>    <b>NOT FOR CONSTRUCTION</b>		<b>CALIFORNIA HIGH-SPEED TRAIN PROJECT LOS ANGELES TO ANAHEIM</b>  RECORD SET PRELIMINARY ENGINEERING FOR PROJECT DEFINITION GRADING AND DRAINAGE STA SBY 275+50 TO STA SBY 289+00	CONTRACT NO. HSR06-0005
						DRAWN BY D. BARRAZA				DRAWING NO. CV-G1521
						CHECKED BY M. SATISH				SCALE 1" = 50'
						IN CHARGE J. SWANSON				SHEET NO.
						DATE 02/28/25				
REV	DATE	BY	CHK	APP	DESCRIPTION					





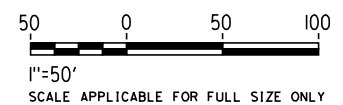






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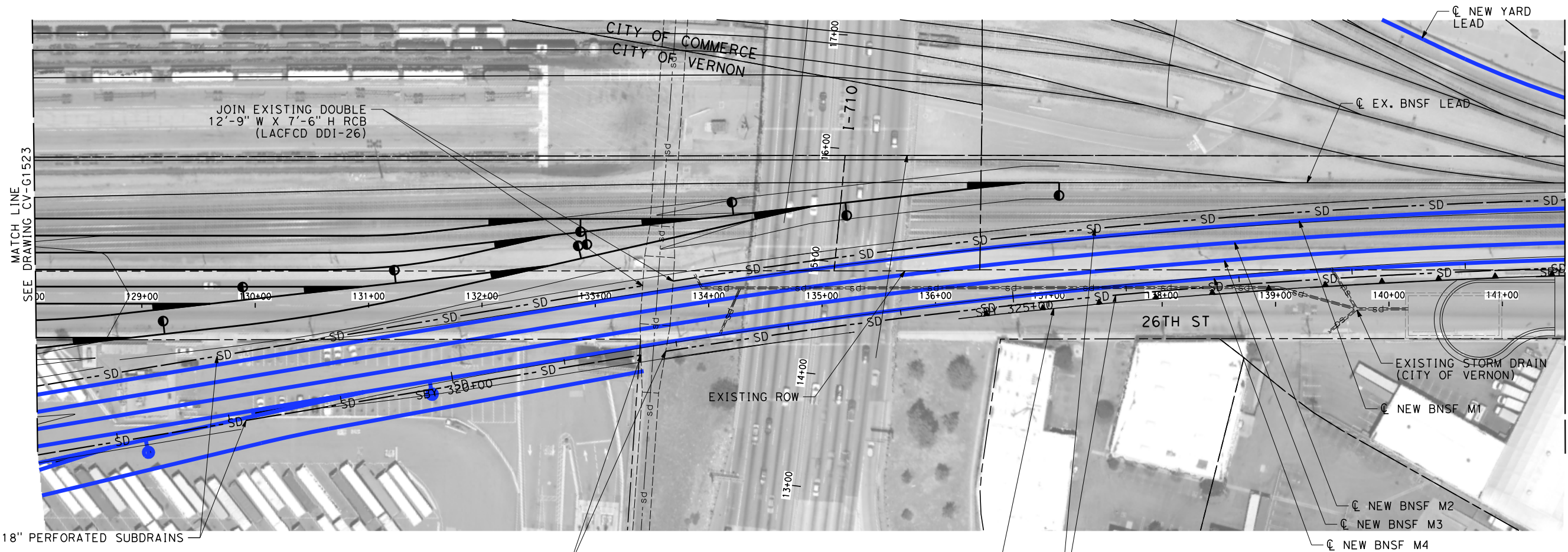
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- FOR RETAINING WALL INFORMATION SEE RETAINING WALL PLANS IN VOLUME 3.2.

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FOR INTERNAL USE ONLY



						DESIGNED BY R. WONG	PEPD SUBMITTAL FOR INTERNAL USE ONLY  NOT FOR CONSTRUCTION			CALIFORNIA HIGH-SPEED TRAIN PROJECT LOS ANGELES TO ANAHEIM RECORD SET PRELIMINARY ENGINEERING FOR PROJECT DEFINITION GRADING AND DRAINAGE STA SBY 302+50 TO STA SBY 316+00	CONTRACT NO. HSR06-0005
						DRAWN BY D. BARRAZA					DRAWING NO. CV-G1523
						CHECKED BY M. SATISH					SCALE 1" = 50'
						IN CHARGE J. SWANSON					SHEET NO.
						DATE 02/28/25					
REV	DATE	BY	CHK	APP	DESCRIPTION						

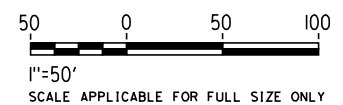




NOTES:

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3. FOR RETAINING WALL INFORMATION SEE RETAINING WALL PLANS IN VOLUME 3.2.

NOT FOR CONSTRUCTION  
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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY R. WONG
DRAWN BY D. BARRAZA
CHECKED BY M. SATISH
IN CHARGE J. SWANSON
DATE 02/28/25

PEPD  
SUBMITTAL  
FOR INTERNAL  
USE ONLY

NOT FOR  
CONSTRUCTION

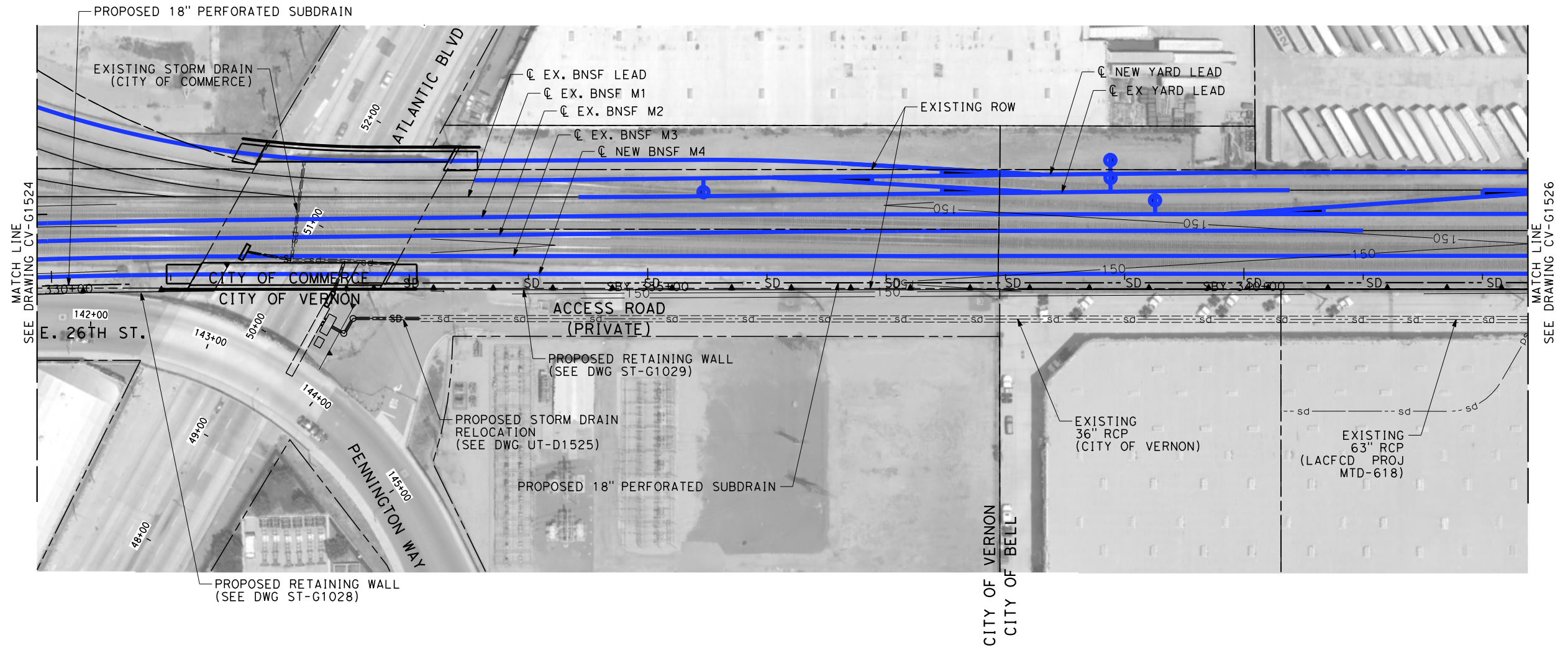


CALIFORNIA  
HIGH-SPEED RAIL AUTHORITY

**CALIFORNIA HIGH-SPEED TRAIN PROJECT  
LOS ANGELES TO ANAHEIM**

RECORD SET  
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION  
GRADING AND DRAINAGE  
STA SBY 316+00 TO STA SBY 329+50

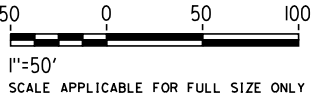
CONTRACT NO. HSR06-0005
DRAWING NO. CV-G1524
SCALE 1" = 50'
SHEET NO.





NOTES:

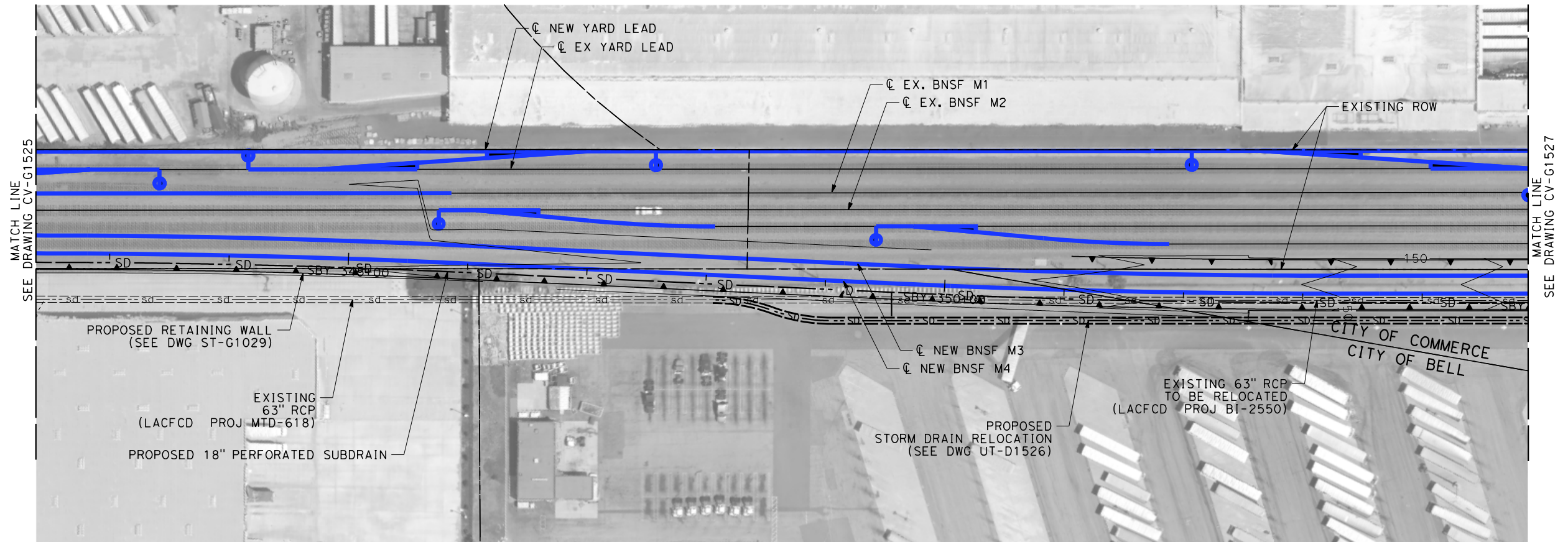
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\$PLOTS							DESIGNED BY R. WONG	PEPD SUBMITTAL FOR INTERNAL USE ONLY  NOT FOR CONSTRUCTION			CALIFORNIA HIGH-SPEED TRAIN PROJECT LOS ANGELES TO ANAHEIM RECORD SET PRELIMINARY ENGINEERING FOR PROJECT DEFINITION GRADING AND DRAINAGE STA SBY 329+50 TO STA SBY 342+00	CONTRACT NO. HSR06-0005
							DRAWN BY D. BARRAZA					DRAWING NO. CV-G1525
							CHECKED BY M. SATISH					SCALE 1" = 50'
							IN CHARGE J. SWANSON					SHEET NO.
							DATE 02/28/25					
	REV	DATE	BY	CHK	APP	DESCRIPTION						

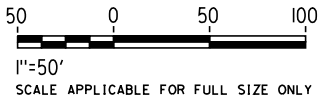






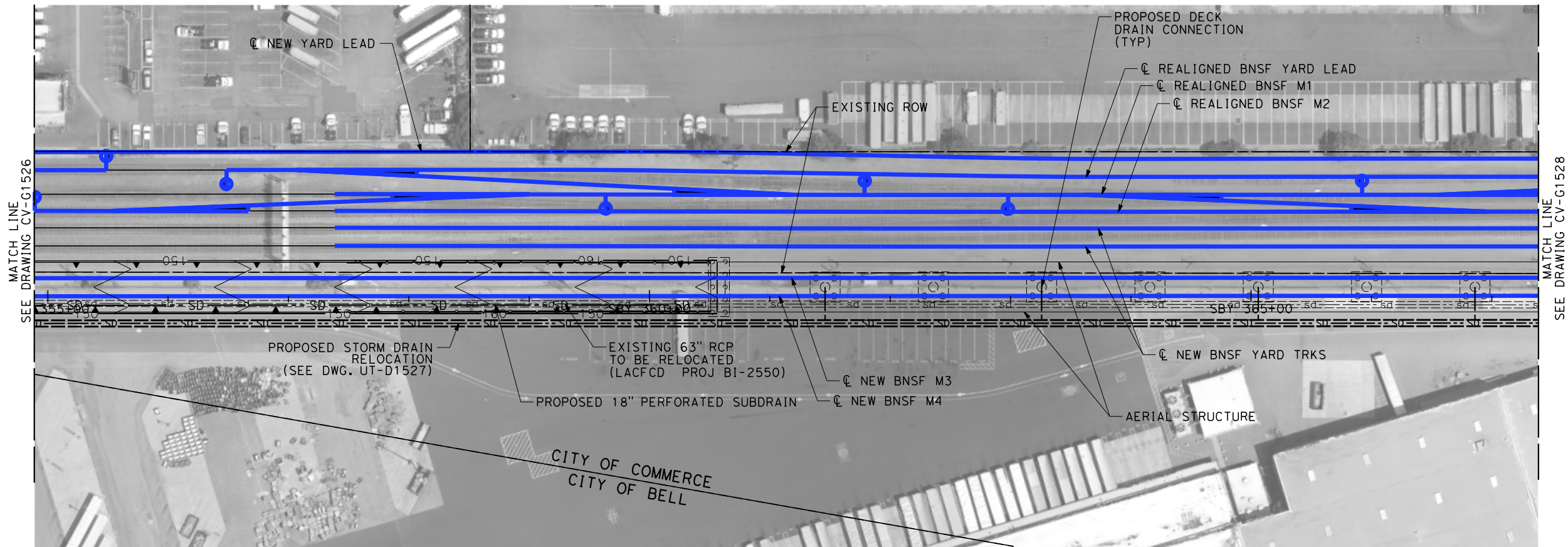
NOTES:

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FOR INTERNAL USE ONLY



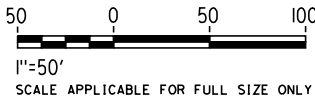
\$PLOTS							DESIGNED BY R. WONG	PEPD SUBMITTAL FOR INTERNAL USE ONLY  NOT FOR CONSTRUCTION			CALIFORNIA HIGH-SPEED TRAIN PROJECT LOS ANGELES TO ANAHEIM RECORD SET PRELIMINARY ENGINEERING FOR PROJECT DEFINITION GRADING AND DRAINAGE STA SBY 342+00 TO STA SBY 354+50	CONTRACT NO. HSR06-0005
							DRAWN BY D. BARRAZA					DRAWING NO. CV-G1526
							CHECKED BY M. SATISH					SCALE 1" = 50'
							IN CHARGE J. SWANSON					SHEET NO.
							DATE 02/28/25					
	REV	DATE	BY	CHK	APP	DESCRIPTION						





NOTES:

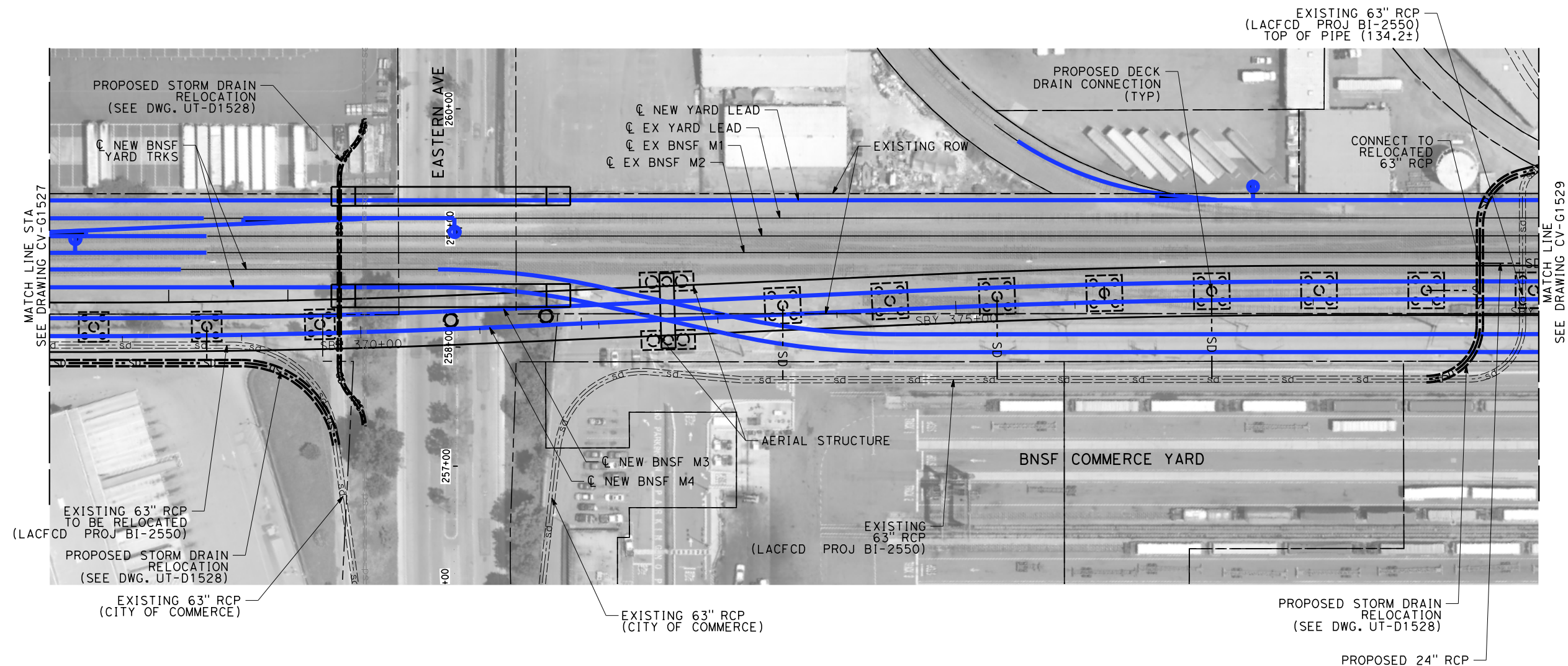
- 1. INTRUSION BARRIER WILL BE PROVIDED AT RAILROAD RIGHT OF WAY.
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NOT FOR CONSTRUCTION  
FOR INTERNAL USE ONLY



\$PLOT \$							DESIGNED BY R. WONG	PEPD SUBMITTAL FOR INTERNAL USE ONLY  NOT FOR CONSTRUCTION			CALIFORNIA HIGH-SPEED TRAIN PROJECT LOS ANGELES TO ANAHEIM RECORD SET PRELIMINARY ENGINEERING FOR PROJECT DEFINITION GRADING AND DRAINAGE STA SBY 354+50 TO STA SBY 367+00	CONTRACT NO. HSR06-0005
							DRAWN BY D. BARRAZA					DRAWING NO. CV-G1527
							CHECKED BY M. SATISH					SCALE 1" = 50'
							IN CHARGE J. SWANSON					SHEET NO.
							DATE 02/28/25					
	REV	DATE	BY	CHK	APP	DESCRIPTION						

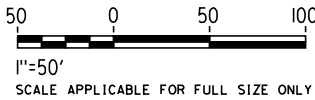






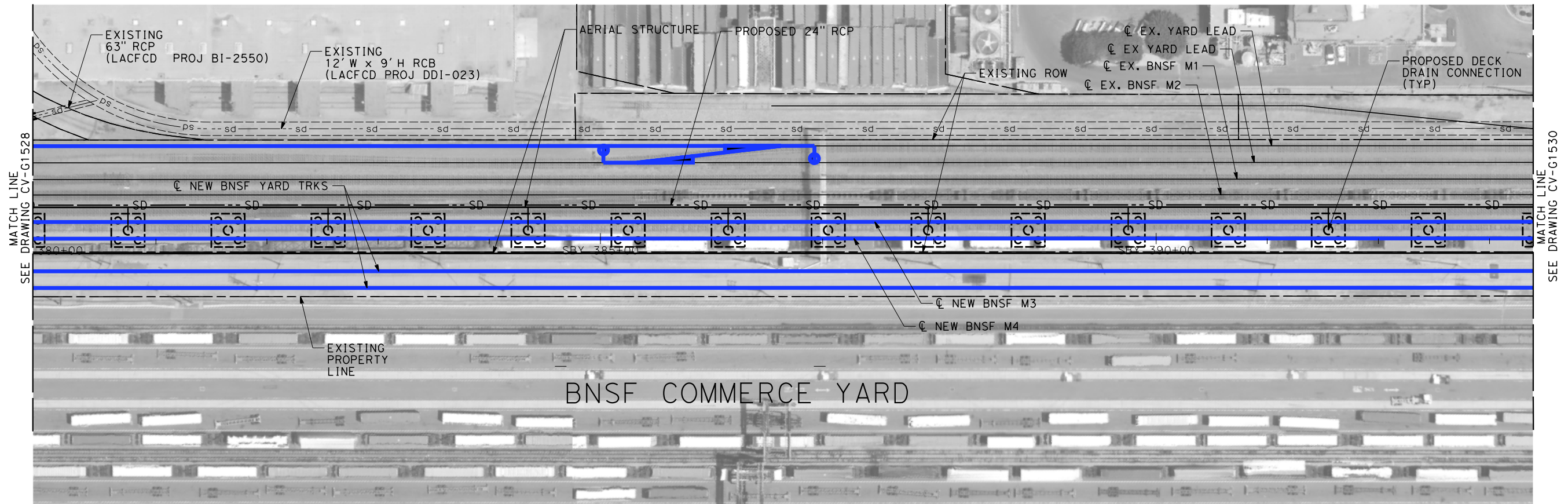
NOTES:

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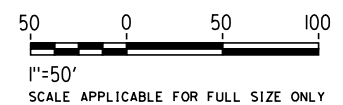
\$						DESIGNED BY R. WONG	PEPD SUBMITTAL FOR INTERNAL USE ONLY  NOT FOR CONSTRUCTION			CALIFORNIA HIGH-SPEED TRAIN PROJECT LOS ANGELES TO ANAHEIM RECORD SET PRELIMINARY ENGINEERING FOR PROJECT DEFINITION GRADING AND DRAINAGE STA SBY 367+00 TO STA SBY 379+50	CONTRACT NO. HSR06-0005
						DRAWN BY D. BARRAZA					DRAWING NO. CV-G1528
						CHECKED BY M. SATISH					SCALE 1" = 50'
						IN CHARGE J. SWANSON					SHEET NO.
						DATE 02/28/25					
	REV	DATE	BY	CHK	APP	DESCRIPTION					





NOTES:

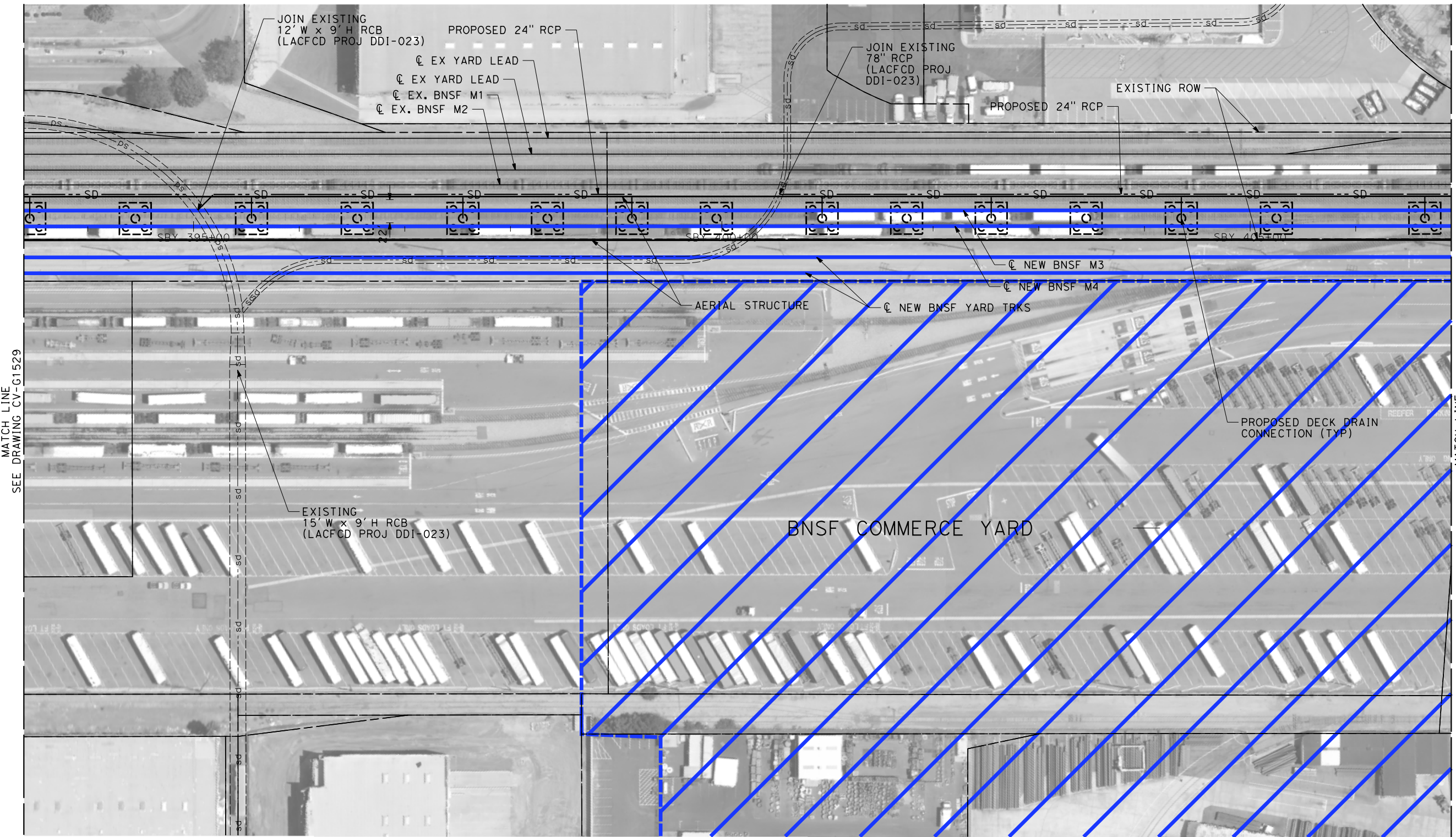
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3. FOR RETAINING WALL INFORMATION SEE RETAINING WALL PLANS IN VOLUME 3.2.

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						DESIGNED BY R. WONG	<b>PEPD SUBMITTAL FOR INTERNAL USE ONLY</b>			<b>CALIFORNIA HIGH-SPEED TRAIN PROJECT LOS ANGELES TO ANAHEIM</b> RECORD SET PRELIMINARY ENGINEERING FOR PROJECT DEFINITION GRADING AND DRAINAGE STA SBY 379+50 TO STA SBY 393+00	CONTRACT NO. HSR06-0005
						DRAWN BY D. BARRAZA					DRAWING NO. CV-G1529
						CHECKED BY M. SATISH					SCALE 1" = 50'
						IN CHARGE J. SWANSON					SHEET NO.
						DATE 02/28/25					
REV	DATE	BY	CHK	APP	DESCRIPTION						







NOTES:

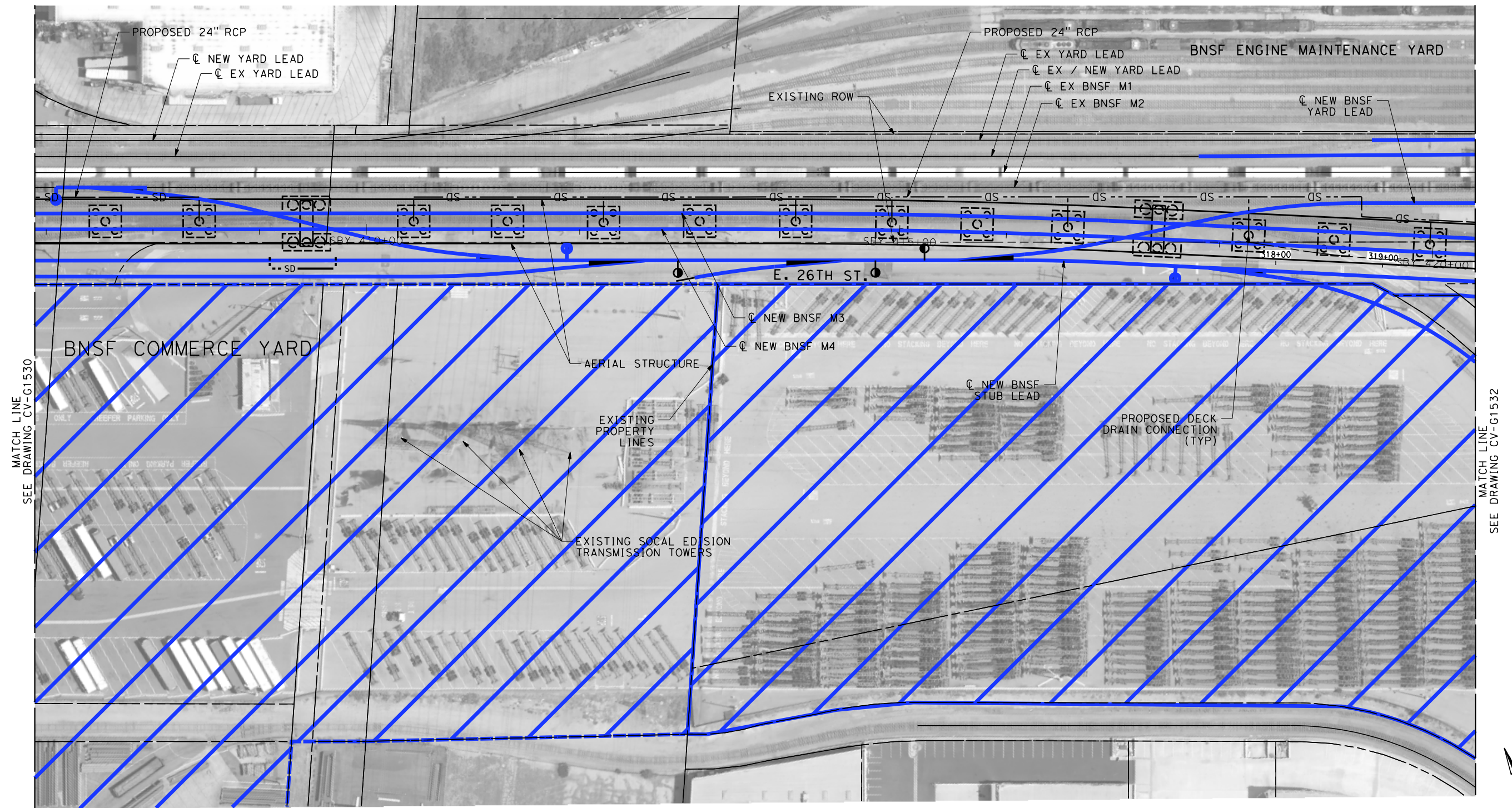
- 1. INTRUSION BARRIER WILL BE PROVIDED AT RAILROAD RIGHT OF WAY.
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50 0 50 100  
1"=50'  
SCALE APPLICABLE FOR FULL SIZE ONLY

\$PLOT \$							DESIGNED BY R. WONG	PEPD SUBMITTAL FOR INTERNAL USE ONLY  NOT FOR CONSTRUCTION			<b>CALIFORNIA HIGH-SPEED TRAIN PROJECT LOS ANGELES TO ANAHEIM</b> RECORD SET PRELIMINARY ENGINEERING FOR PROJECT DEFINITION GRADING AND DRAINAGE STA SBY 393+00 TO STA SBY 406+50		CONTRACT NO. HSR06-0005
							DRAWN BY D. BARRAZA						DRAWING NO. CV-G1530
							CHECKED BY M. SATISH						SCALE 1" = 50'
							IN CHARGE J. SWANSON						SHEET NO.
							DATE 02/28/25						
	REV	DATE	BY	CHK	APP	DESCRIPTION							







NOTES:

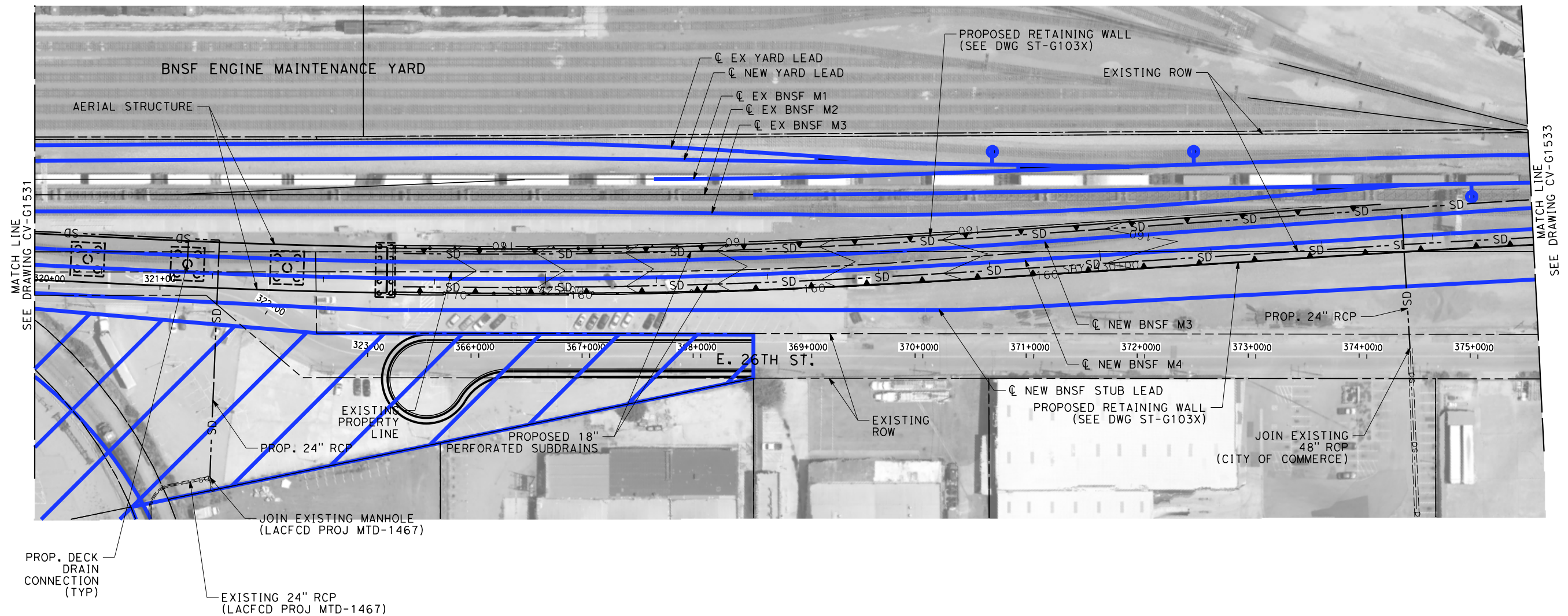
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FOR INTERNAL USE ONLY

50 0 50 100  
1"=50'  
SCALE APPLICABLE FOR FULL SIZE ONLY

							DESIGNED BY R. WONG	PEPD SUBMITTAL FOR INTERNAL USE ONLY			CALIFORNIA HIGH-SPEED TRAIN PROJECT LOS ANGELES TO ANAHEIM RECORD SET PRELIMINARY ENGINEERING FOR PROJECT DEFINITION GRADING AND DRAINAGE STA SBY 406+50 TO STA SBY 420+00	CONTRACT NO. HSR06-0005
							DRAWN BY D. BARRAZA					DRAWING NO. CV-G1531
							CHECKED BY M. SATISH					SCALE 1" = 50'
							IN CHARGE J. SWANSON					SHEET NO.
							DATE 02/28/25	NOT FOR CONSTRUCTION				
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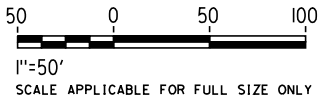





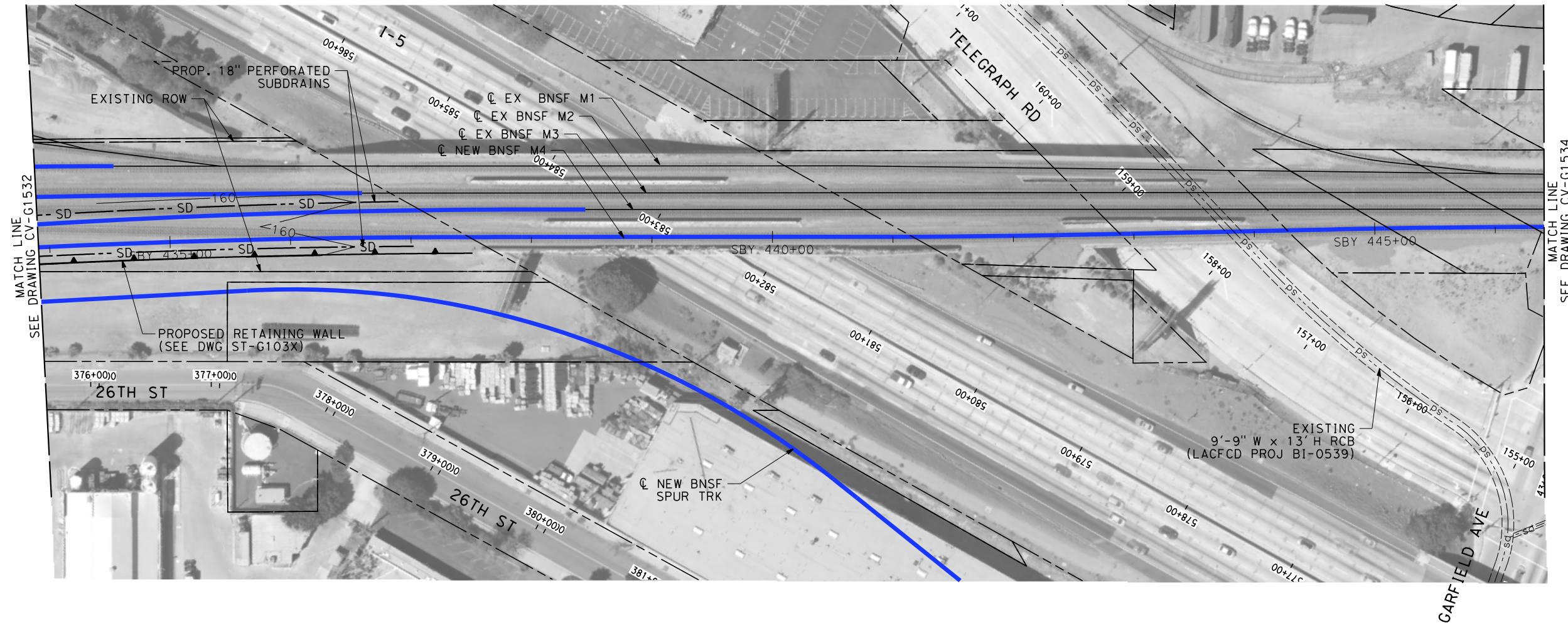
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NOT FOR CONSTRUCTION  
FOR INTERNAL USE ONLY



						DESIGNED BY R. WONG	<div>PEPD SUBMITTAL FOR INTERNAL USE ONLY</div> <div>NOT FOR CONSTRUCTION</div>	<div>stv</div>	<div><div>CALIFORNIA HIGH-SPEED RAIL AUTHORITY</div></div>	<div>CALIFORNIA HIGH-SPEED TRAIN PROJECT LOS ANGELES TO ANAHEIM RECORD SET PRELIMINARY ENGINEERING FOR PROJECT DEFINITION GRADING AND DRAINAGE STA SBY 420+00 TO STA SBY 433+50</div>			CONTRACT NO. HSR06-0005
						DRAWN BY D. BARRAZA				DRAWING NO. CV-G1532			
						CHECKED BY M. SATISH				SCALE 1" = 50'			
						IN CHARGE J. SWANSON				SHEET NO.			
						DATE 02/28/25							





NOTES:

- 1. INTRUSION BARRIER WILL BE PROVIDED AT RAILROAD RIGHT OF WAY.
- 2. CONTOUR GRADING ALONG THE HST TRACKS IS BASED ON THE TOP OF SUBGRADE ELEVATIONS. BALLAST IS NOT INCLUDED.
- 3. FOR RETAINING WALL INFORMATION SEE RETAINING WALL PLANS IN VOLUME 3.2.

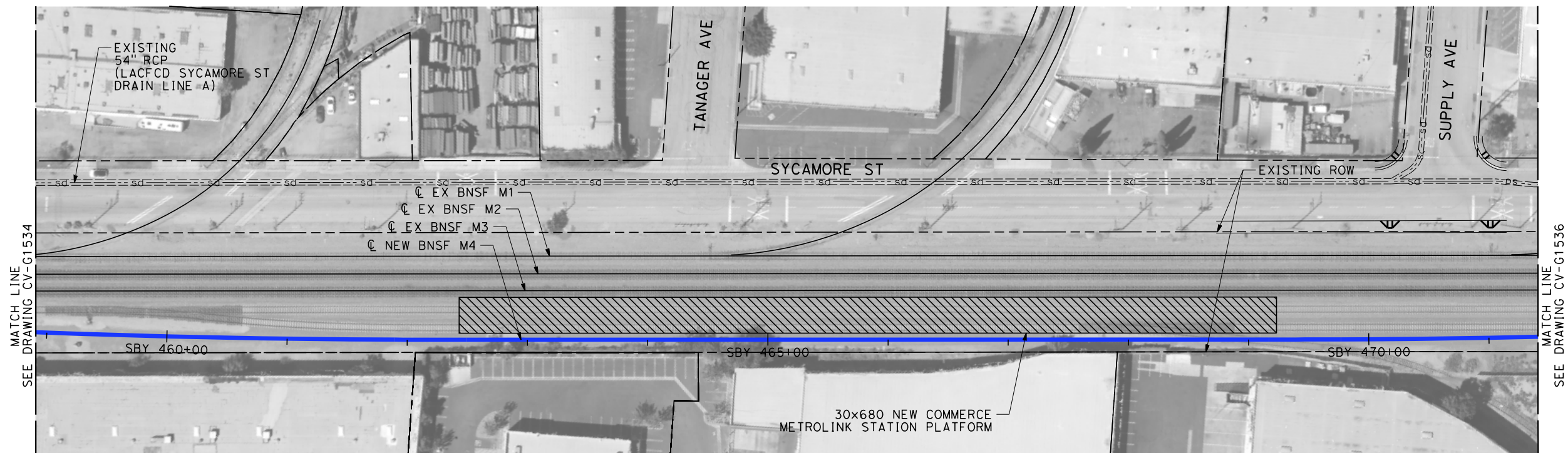
NOT FOR CONSTRUCTION  
FOR INTERNAL USE ONLY

50 0 50 100  
1"=50'  
SCALE APPLICABLE FOR FULL SIZE ONLY

\$PLOT \$							DESIGNED BY R. WONG	PEPD SUBMITTAL FOR INTERNAL USE ONLY  NOT FOR CONSTRUCTION			CALIFORNIA HIGH-SPEED TRAIN PROJECT LOS ANGELES TO ANAHEIM RECORD SET PRELIMINARY ENGINEERING FOR PROJECT DEFINITION GRADING AND DRAINAGE STA SBY 433+50 TO STA SBY 446+00	CONTRACT NO. HSR06-0005
							DRAWN BY D. BARRAZA					DRAWING NO. CV-G1533
							CHECKED BY M. SATISH					SCALE 1" = 50'
							IN CHARGE J. SWANSON					SHEET NO.
							DATE 02/28/25					
	REV	DATE	BY	CHK	APP	DESCRIPTION						

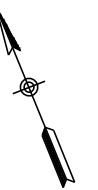




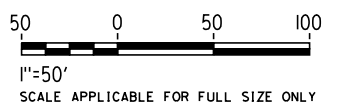


NOTES:

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FOR INTERNAL USE ONLY



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NOTES:

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- 2. CONTOUR GRADING ALONG THE HST TRACKS IS BASED ON THE TOP OF SUBGRADE ELEVATIONS. BALLAST IS NOT INCLUDED.
- 3. FOR RETAINING WALL INFORMATION SEE RETAINING WALL PLANS IN VOLUME 3.2.

NOT FOR CONSTRUCTION  
FOR INTERNAL USE ONLY

50 0 50 100  
1"=50'  
SCALE APPLICABLE FOR FULL SIZE ONLY

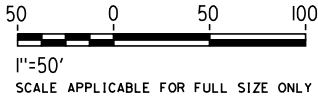
						DESIGNED BY R. WONG	PEPD SUBMITTAL FOR INTERNAL USE ONLY  NOT FOR CONSTRUCTION			CALIFORNIA HIGH-SPEED TRAIN PROJECT LOS ANGELES TO ANAHEIM RECORD SET PRELIMINARY ENGINEERING FOR PROJECT DEFINITION GRADING AND DRAINAGE STA SBY 471+00 TO STA SBY 483+50	CONTRACT NO. HSR06-0005
						DRAWN BY D. BARRAZA					DRAWING NO. CV-G1536
						CHECKED BY M. SATISH					SCALE 1" = 50'
						IN CHARGE J. SWANSON					SHEET NO.
						DATE 02/28/25					
							</				





NOTES:

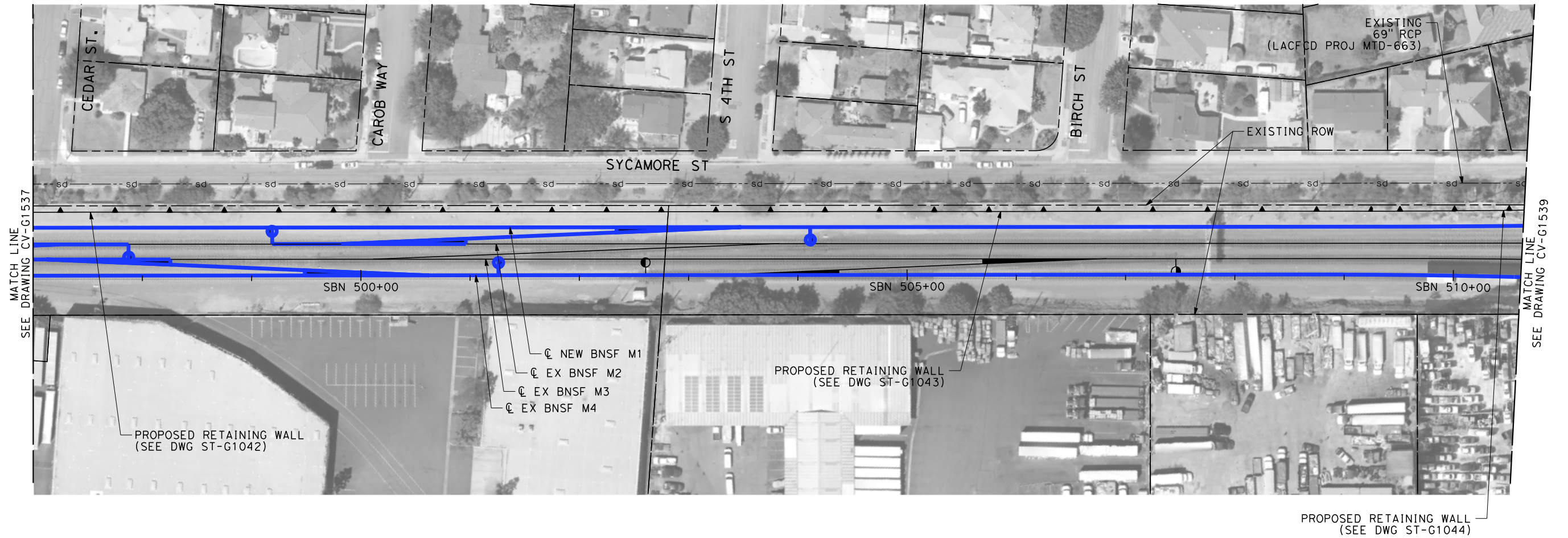
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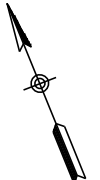
\$PLOTS							DESIGNED BY R. WONG	PEPD SUBMITTAL FOR INTERNAL USE ONLY  NOT FOR CONSTRUCTION			CALIFORNIA HIGH-SPEED TRAIN PROJECT LOS ANGELES TO ANAHEIM RECORD SET PRELIMINARY ENGINEERING FOR PROJECT DEFINITION GRADING AND DRAINAGE STA SBY 483+50 TO STA SBN 497+00	CONTRACT NO. HSR06-0005
							DRAWN BY D. BARRAZA					DRAWING NO. CV-G1537
							CHECKED BY M. SATISH					SCALE 1" = 50'
							IN CHARGE J. SWANSON					SHEET NO.
							DATE 02/28/25					
	REV	DATE	BY	CHK	APP	DESCRIPTION						





NOTES:

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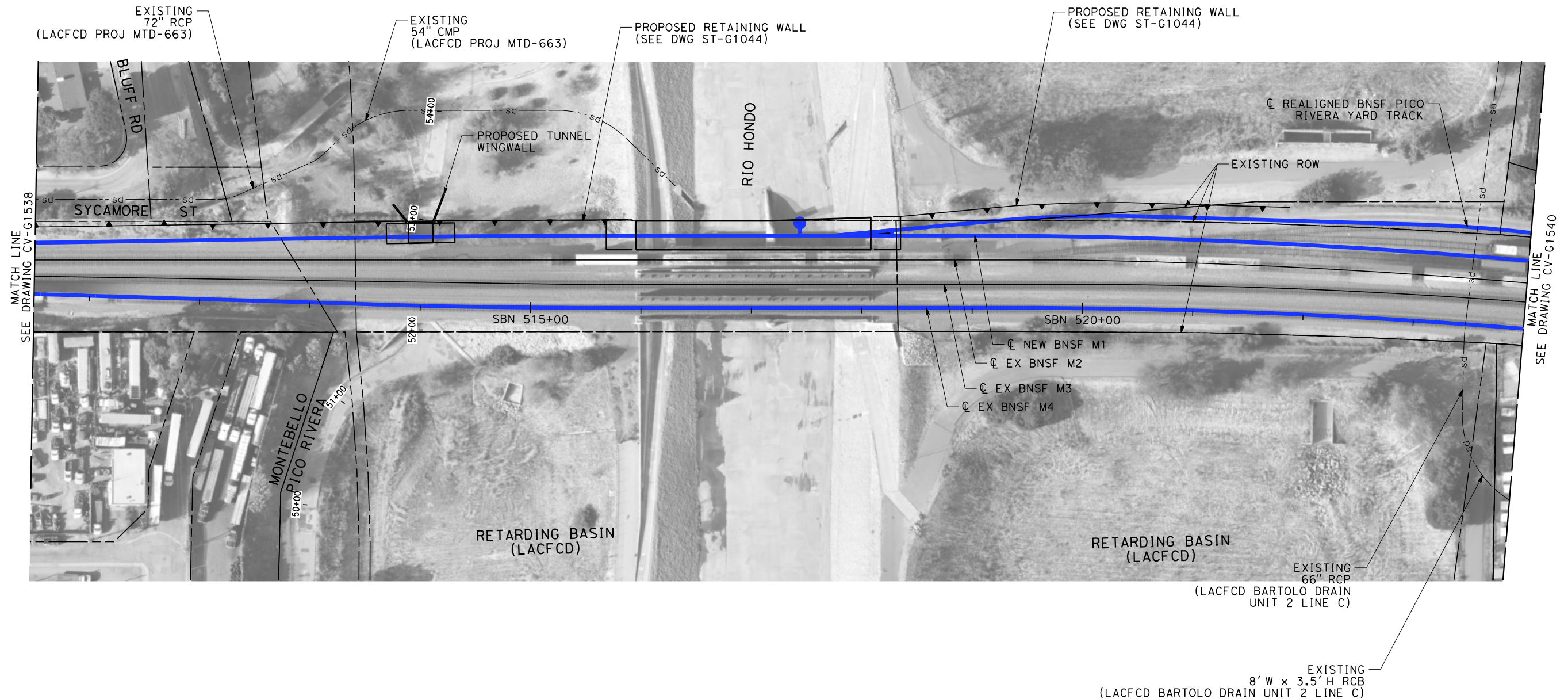
500500100

1"=50'

SCALE APPLICABLE FOR FULL SIZE ONLY

\$PLOTS							DESIGNED BY R. WONG	PEPD SUBMITTAL FOR INTERNAL USE ONLY  NOT FOR CONSTRUCTION			CALIFORNIA HIGH-SPEED TRAIN PROJECT LOS ANGELES TO ANAHEIM RECORD SET PRELIMINARY ENGINEERING FOR PROJECT DEFINITION GRADING AND DRAINAGE STA SBN 497+00 TO STA SBN 510+50	CONTRACT NO. HSR06-0005
							DRAWN BY D. BARRAZA					DRAWING NO. CV-G1538
							CHECKED BY M. SATISH					SCALE 1" = 50'
							IN CHARGE J. SWANSON					SHEET NO.
							DATE 02/28/25					
	REV	DATE	BY	CHK	APP	DESCRIPTION						

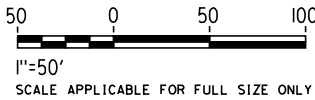





**NOTES:**

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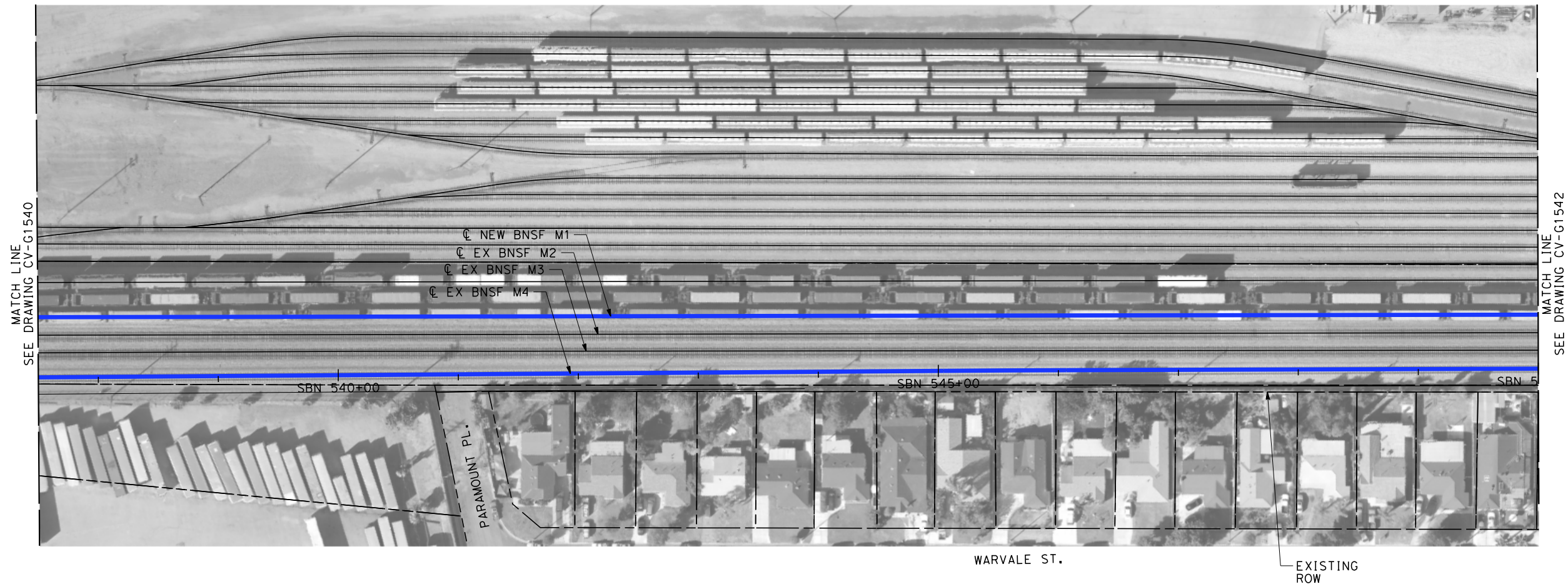
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\$PLOT \$							DESIGNED BY R. WONG	PEPD SUBMITTAL FOR INTERNAL USE ONLY  NOT FOR CONSTRUCTION	stv		CALIFORNIA HIGH-SPEED RAIL AUTHORITY	CALIFORNIA HIGH-SPEED TRAIN PROJECT LOS ANGELES TO ANAHEIM RECORD SET PRELIMINARY ENGINEERING FOR PROJECT DEFINITION GRADING AND DRAINAGE STA SBN 510+50 TO STA SBN 524+00	CONTRACT NO. HSR06-0005
							DRAWN BY D. BARRAZA						DRAWING NO. CV-G1539
							CHECKED BY M. SATISH						SCALE 1" = 50'
							IN CHARGE J. SWANSON						SHEET NO.
							DATE 02/28/25						
	REV	DATE	BY	CHK	APP	DESCRIPTION							



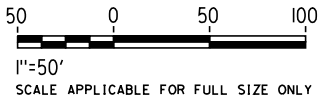






NOTES:

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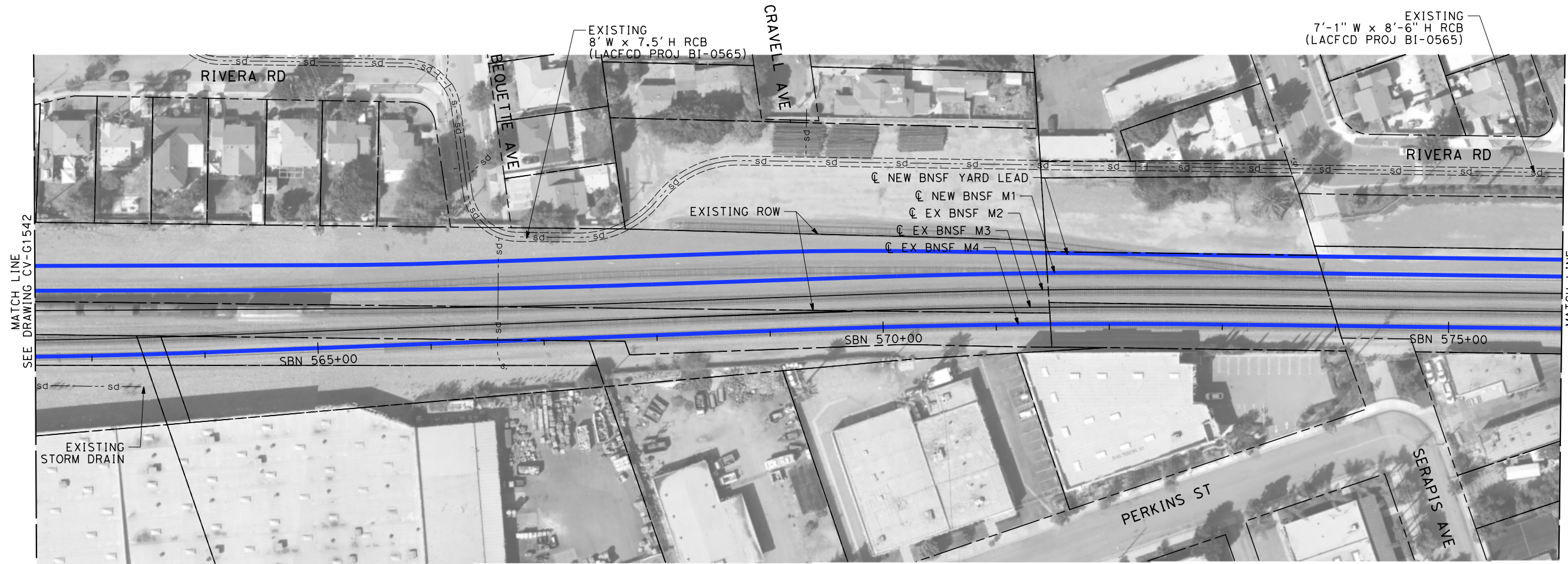


\$PLOT\$							DESIGNED BY R. WONG	PEPD SUBMITTAL FOR INTERNAL USE ONLY  NOT FOR CONSTRUCTION			CALIFORNIA HIGH-SPEED TRAIN PROJECT LOS ANGELES TO ANAHEIM RECORD SET PRELIMINARY ENGINEERING FOR PROJECT DEFINITION GRADING AND DRAINAGE STA SBN 537+50 TO STA SBN 550+00	CONTRACT NO. HSR06-0005
							DRAWN BY D. BARRAZA					DRAWING NO. CV-G1541
							CHECKED BY M. SATISH					SCALE 1" = 50'
							IN CHARGE J. SWANSON					SHEET NO.
							DATE 02/28/25					
REV	DATE	BY	CHK	APP		DESCRIPTION						









NOTES:



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50050100

1"=50'

SCALE APPLICABLE FOR FULL SIZE ONLY

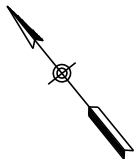
\$						DESIGNED BY R. WONG	PEPD SUBMITTAL FOR INTERNAL USE ONLY  NOT FOR CONSTRUCTION			CALIFORNIA HIGH-SPEED TRAIN PROJECT LOS ANGELES TO ANAHEIM RECORD SET PRELIMINARY ENGINEERING FOR PROJECT DEFINITION GRADING AND DRAINAGE STA SBN 562+50 TO STA SBN 576+00	CONTRACT NO. HSR06-0005
						DRAWN BY D. BARRAZA					DRAWING NO. CV-G1543
						CHECKED BY M. SATISH					SCALE 1" = 50'
						IN CHARGE J. SWANSON					SHEET NO.
						DATE 02/28/25					
	REV	DATE	BY	CHK	APP	DESCRIPTION					



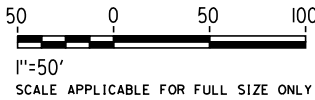




NOTES:

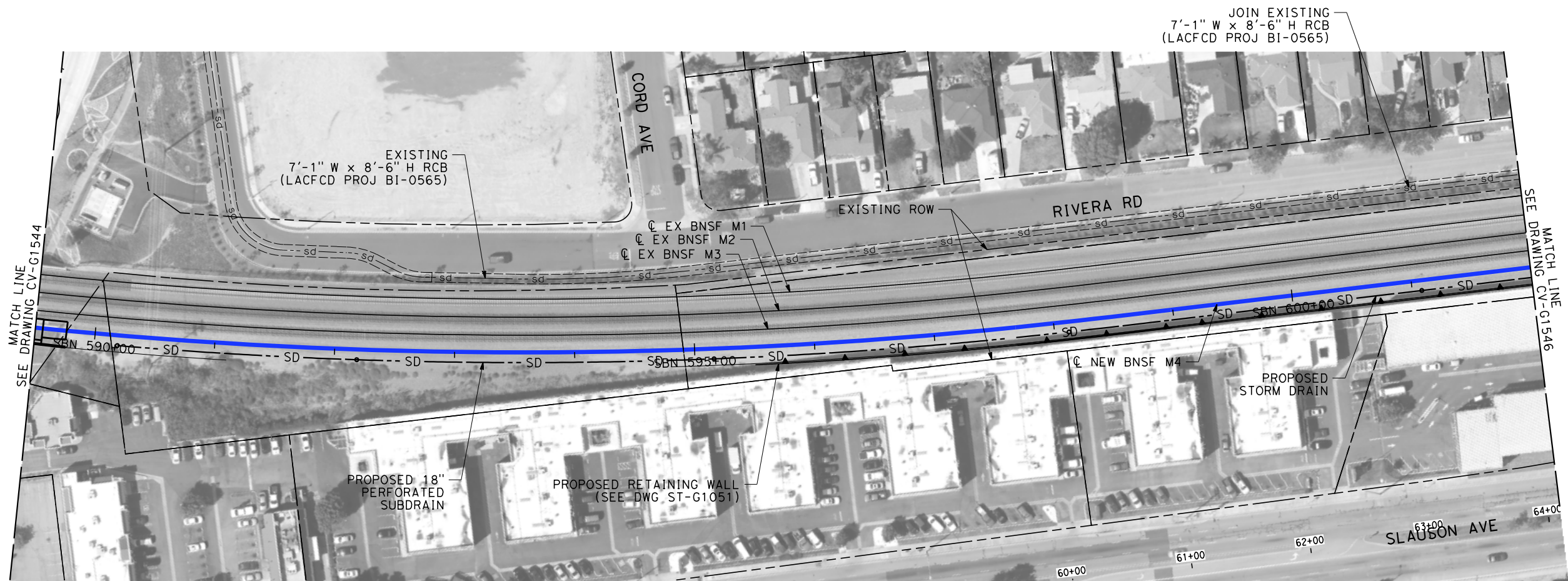
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						DESIGNED BY R. WONG	PEPD SUBMITTAL FOR INTERNAL USE ONLY  NOT FOR CONSTRUCTION			CALIFORNIA HIGH-SPEED TRAIN PROJECT LOS ANGELES TO ANAHEIM RECORD SET PRELIMINARY ENGINEERING FOR PROJECT DEFINITION GRADING AND DRAINAGE STA SBN 576+00 TO STA SBN 589+50	CONTRACT NO. HSR06-0005
						DRAWN BY D. BARRAZA					DRAWING NO. CV-G1544
						CHECKED BY M. SATISH					SCALE 1" = 50'
						IN CHARGE J. SWANSON					SHEET NO.
						DATE 02/28/25					
REV	DATE	BY	CHK	APP	DESCRIPTION						



NOTES:



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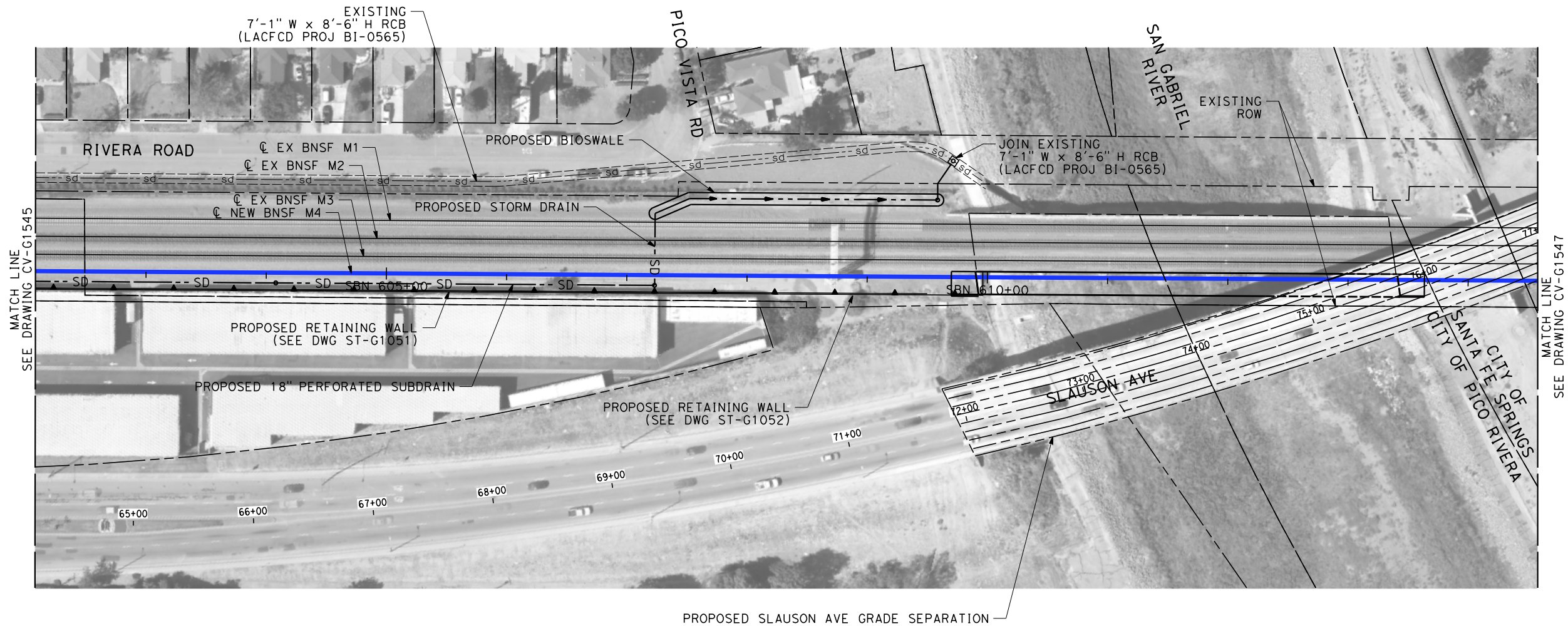
500500

1"=50'

SCALE APPLICABLE FOR FULL SIZE ONLY

\$						DESIGNED BY R. WONG	PEPD SUBMITTAL FOR INTERNAL USE ONLY  NOT FOR CONSTRUCTION			CALIFORNIA HIGH-SPEED TRAIN PROJECT LOS ANGELES TO ANAHEIM RECORD SET PRELIMINARY ENGINEERING FOR PROJECT DEFINITION GRADING AND DRAINAGE STA SBN 589+50 TO STA SBN 602+00	CONTRACT NO. HSR06-0005
						DRAWN BY D. BARRAZA					DRAWING NO. CV-G1545
						CHECKED BY M. SATISH					SCALE 1" = 50'
						IN CHARGE J. SWANSON					SHEET NO.
						DATE 02/28/25					
	REV	DATE	BY	CHK	APP	DESCRIPTION					

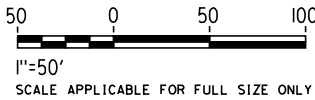





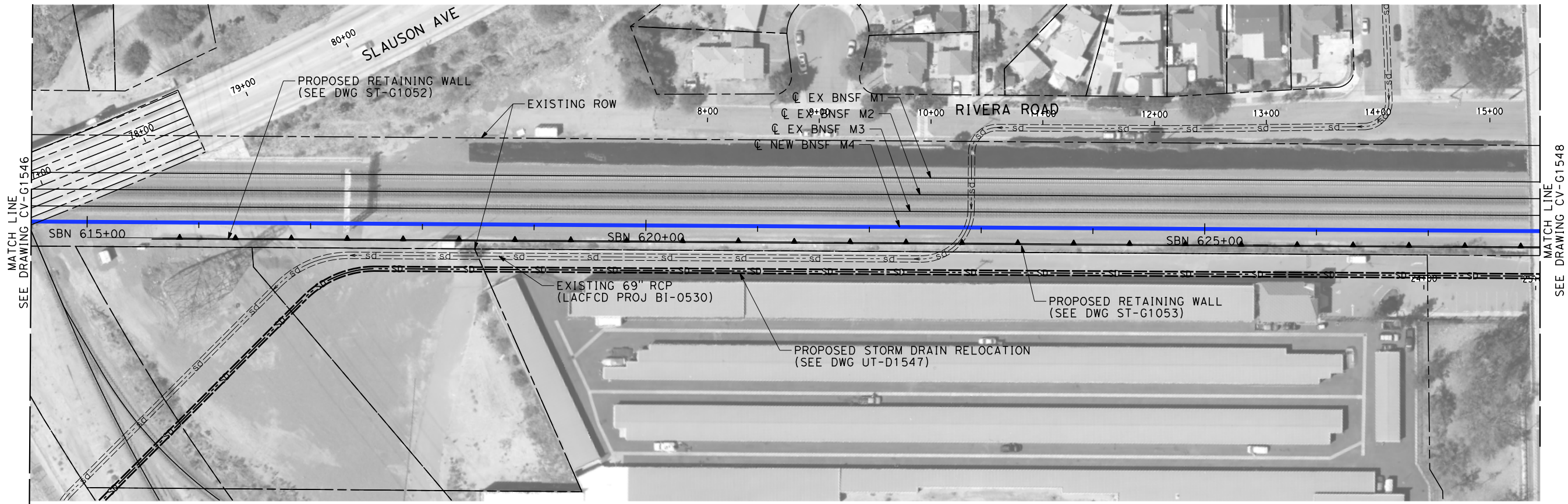
NOTES:

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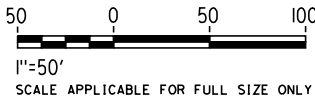
\$						DESIGNED BY R. WONG	PEPD SUBMITTAL FOR INTERNAL USE ONLY	stv		CALIFORNIA HIGH-SPEED TRAIN PROJECT LOS ANGELES TO ANAHEIM RECORD SET PRELIMINARY ENGINEERING FOR PROJECT DEFINITION GRADING AND DRAINAGE STA SBN 602+00 TO STA SBN 614+50	CONTRACT NO. HSR06-0005
						DRAWN BY D. BARRAZA					DRAWING NO. CV-G1546
						CHECKED BY M. SATISH					SCALE 1" = 50'
						IN CHARGE J. SWANSON					SHEET NO.
						DATE 02/28/25					
	REV	DATE	BY	CHK	APP	DESCRIPTION					





NOTES:

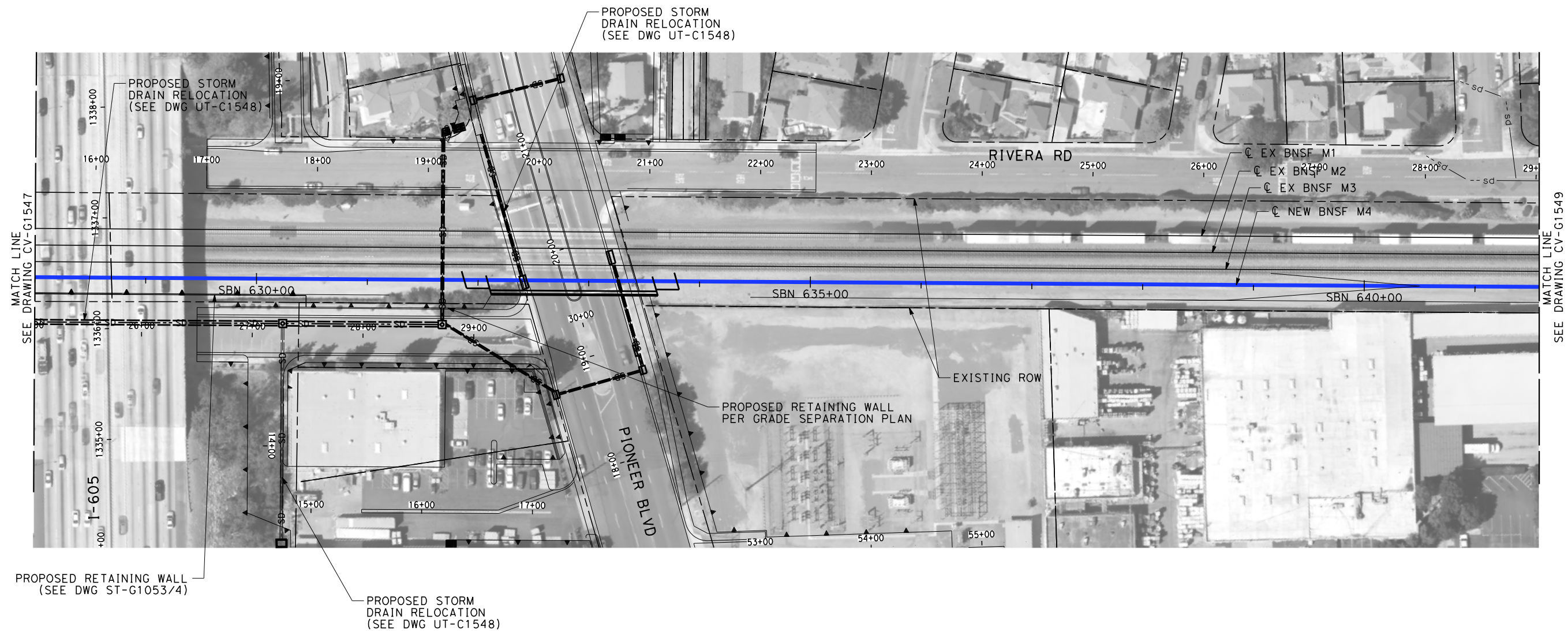
- 1. INTRUSION BARRIER WILL BE PROVIDED AT RAILROAD RIGHT OF WAY.
- 2. CONTOUR GRADING ALONG THE HST TRACKS IS BASED ON THE TOP OF SUBGRADE ELEVATIONS. BALLAST IS NOT INCLUDED.
- 3. FOR RETAINING WALL INFORMATION SEE RETAINING WALL PLANS IN VOLUME 3.2.

NOT FOR CONSTRUCTION  
FOR INTERNAL USE ONLY



\$PLOT \$							DESIGNED BY R. WONG	PEPD SUBMITTAL FOR INTERNAL USE ONLY  NOT FOR CONSTRUCTION			CALIFORNIA HIGH-SPEED TRAIN PROJECT LOS ANGELES TO ANAHEIM RECORD SET PRELIMINARY ENGINEERING FOR PROJECT DEFINITION GRADING AND DRAINAGE STA SBN 614+50 TO STA SBN 628+00	CONTRACT NO. HSR06-0005
							DRAWN BY D. BARRAZA					DRAWING NO. CV-G1547
							CHECKED BY M. SATISH					SCALE 1" = 50'
							IN CHARGE J. SWANSON					SHEET NO.
							DATE 02/28/25					
	REV	DATE	BY	CHK	APP	DESCRIPTION						







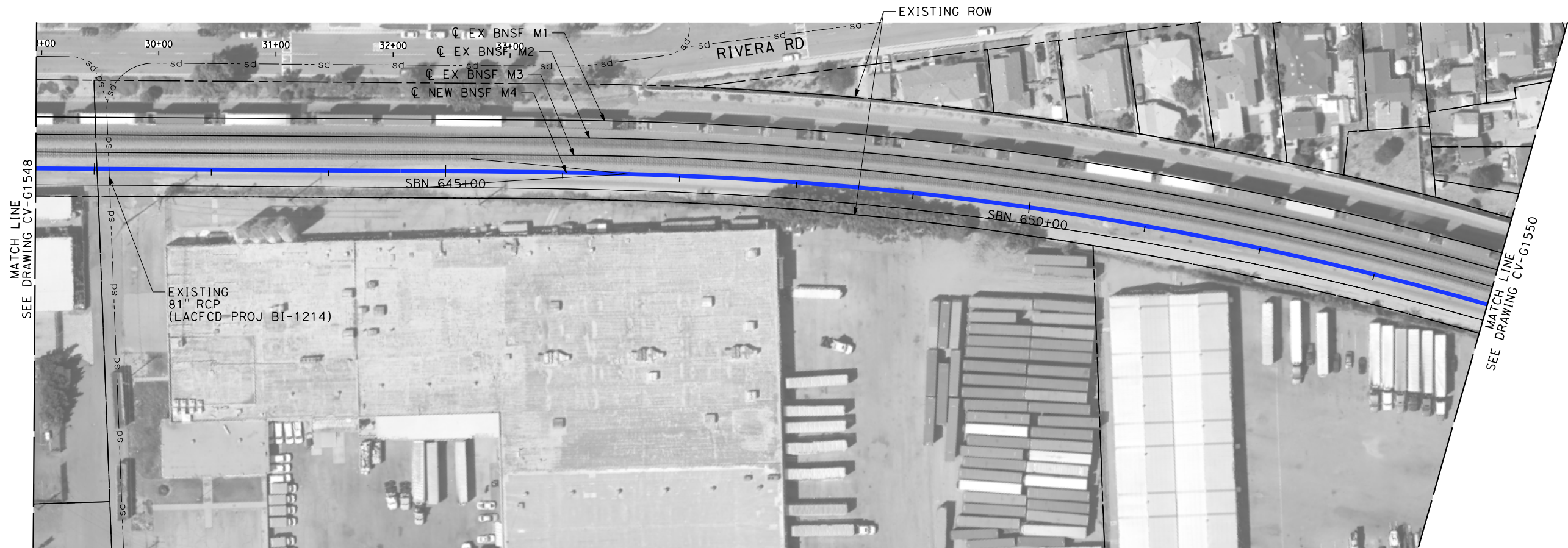
NOTES:

1. INTRUSION BARRIER WILL BE PROVIDED AT RAILROAD RIGHT OF WAY.
2. CONTOUR GRADING ALONG THE HST TRACKS IS BASED ON THE TOP OF SUBGRADE ELEVATIONS. BALLAST IS NOT INCLUDED.
3. FOR RETAINING WALL INFORMATION SEE RETAINING WALL PLANS IN VOLUME 3.2.

NOT FOR CONSTRUCTION  
FOR INTERNAL USE ONLY

50 0 50 100  
1"=50'  
SCALE APPLICABLE FOR FULL SIZE ONLY

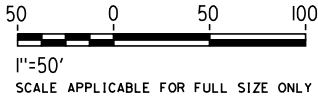
						DESIGNED BY R. WONG	PEPD SUBMITTAL FOR INTERNAL USE ONLY  NOT FOR CONSTRUCTION			CALIFORNIA HIGH-SPEED TRAIN PROJECT LOS ANGELES TO ANAHEIM RECORD SET PRELIMINARY ENGINEERING FOR PROJECT DEFINITION GRADING AND DRAINAGE STA SBN 628+00 TO STA SBN 641+50	CONTRACT NO. HSR06-0005
						DRAWN BY D. BARRAZA					DRAWING NO. CV-G1548
						CHECKED BY M. SATISH					SCALE 1" = 50'
						IN CHARGE J. SWANSON					SHEET NO.
						DATE 02/28/25					
REV	DATE	BY	CHK	APP	DESCRIPTION						



NOTES:

- 1. INTRUSION BARRIER WILL BE PROVIDED AT RAILROAD RIGHT OF WAY.
- 2. CONTOUR GRADING ALONG THE HST TRACKS IS BASED ON THE TOP OF SUBGRADE ELEVATIONS. BALLAST IS NOT INCLUDED.
- 3. FOR RETAINING WALL INFORMATION SEE RETAINING WALL PLANS IN VOLUME 3.2.

NOT FOR CONSTRUCTION  
FOR INTERNAL USE ONLY



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY R. WONG
DRAWN BY D. BARRAZA
CHECKED BY M. SATISH
IN CHARGE J. SWANSON
DATE 02/28/25

PEPD  
SUBMITTAL  
FOR INTERNAL  
USE ONLY

NOT FOR  
CONSTRUCTION



CALIFORNIA  
HIGH-SPEED RAIL AUTHORITY

**CALIFORNIA HIGH-SPEED TRAIN PROJECT  
LOS ANGELES TO ANAHEIM**

RECORD SET  
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION  
GRADING AND DRAINAGE  
STA SBN 641+50 TO STA SBN 654+00

CONTRACT NO. HSR06-0005
DRAWING NO. CV-G1549
SCALE 1" = 50'
SHEET NO.







MATCH LINE  
SEE DRAWING CV-G1551

NOTES:

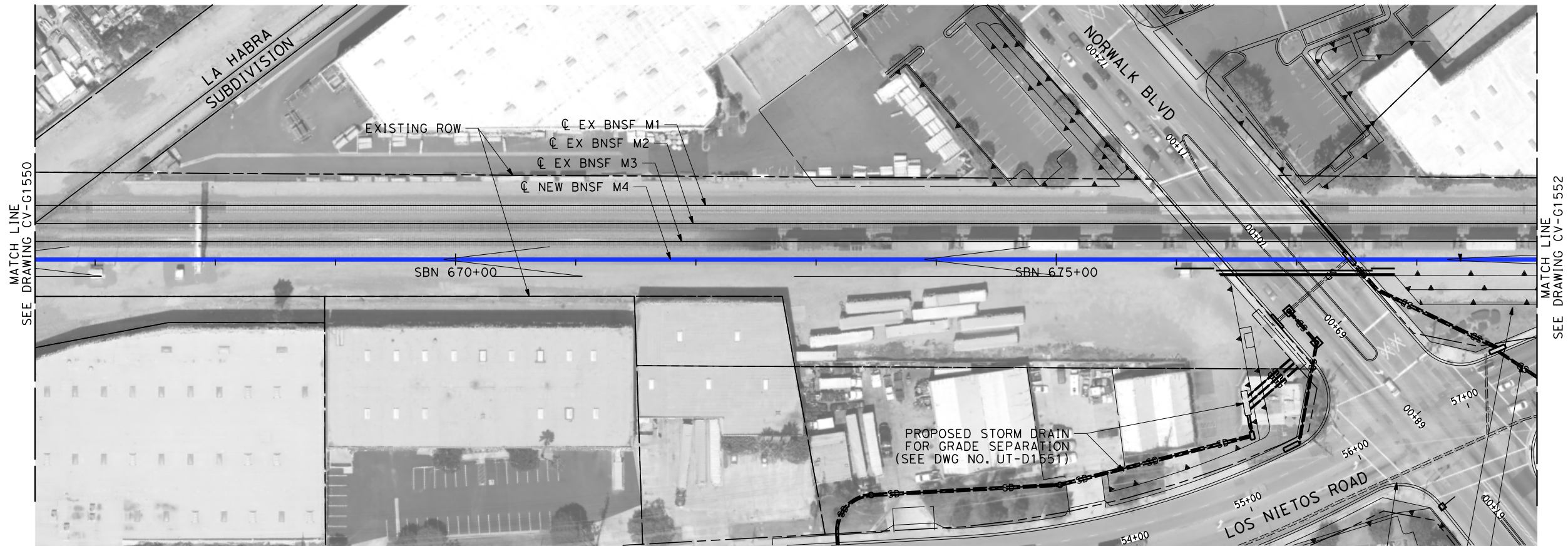
- 1. INTRUSION BARRIER WILL BE PROVIDED AT RAILROAD RIGHT OF WAY.
- 2. CONTOUR GRADING ALONG THE HST TRACKS IS BASED ON THE TOP OF SUBGRADE ELEVATIONS. BALLAST IS NOT INCLUDED.
- 3. FOR RETAINING WALL INFORMATION SEE RETAINING WALL PLANS IN VOLUME 3.2.

NOT FOR CONSTRUCTION  
FOR INTERNAL USE ONLY

50 0 50 100  
1"=50'  
SCALE APPLICABLE FOR FULL SIZE ONLY

\$PLOT \$							DESIGNED BY R. WONG	PEPD SUBMITTAL FOR INTERNAL USE ONLY  NOT FOR CONSTRUCTION			CALIFORNIA HIGH-SPEED TRAIN PROJECT LOS ANGELES TO ANAHEIM RECORD SET PRELIMINARY ENGINEERING FOR PROJECT DEFINITION GRADING AND DRAINAGE STA SBN 654+00 TO STA SBN 666+50	CONTRACT NO. HSR06-0005
							DRAWN BY D. BARRAZA					DRAWING NO. CV-G1550
							CHECKED BY M. SATISH					SCALE 1" = 50'
							IN CHARGE J. SWANSON					SHEET NO.
							DATE 02/28/25					
	REV	DATE	BY	CHK	APP	DESCRIPTION						





MATCH LINE  
SEE DRAWING CV-G1550

MATCH LINE  
SEE DRAWING CV-G1552

EXISTING  
24" RCP  
(CITY OF SANTA FE SPRINGS)

PROPOSED RETAINING WALL  
PER LOS NIETOS/NORWALK  
GRADE SEPARATION PROJECT



PROPOSED STORM DRAIN  
FOR GRADE SEPARATION  
(SEE DWG NO. UT-D1551)

**NOTES:**

1. INTRUSION BARRIER WILL BE PROVIDED AT RAILROAD RIGHT OF WAY.
2. CONTOUR GRADING ALONG THE HST TRACKS IS BASED ON THE TOP OF SUBGRADE ELEVATIONS. BALLAST IS NOT INCLUDED.
3. FOR RETAINING WALL INFORMATION SEE RETAINING WALL PLANS IN VOLUME 3.2.

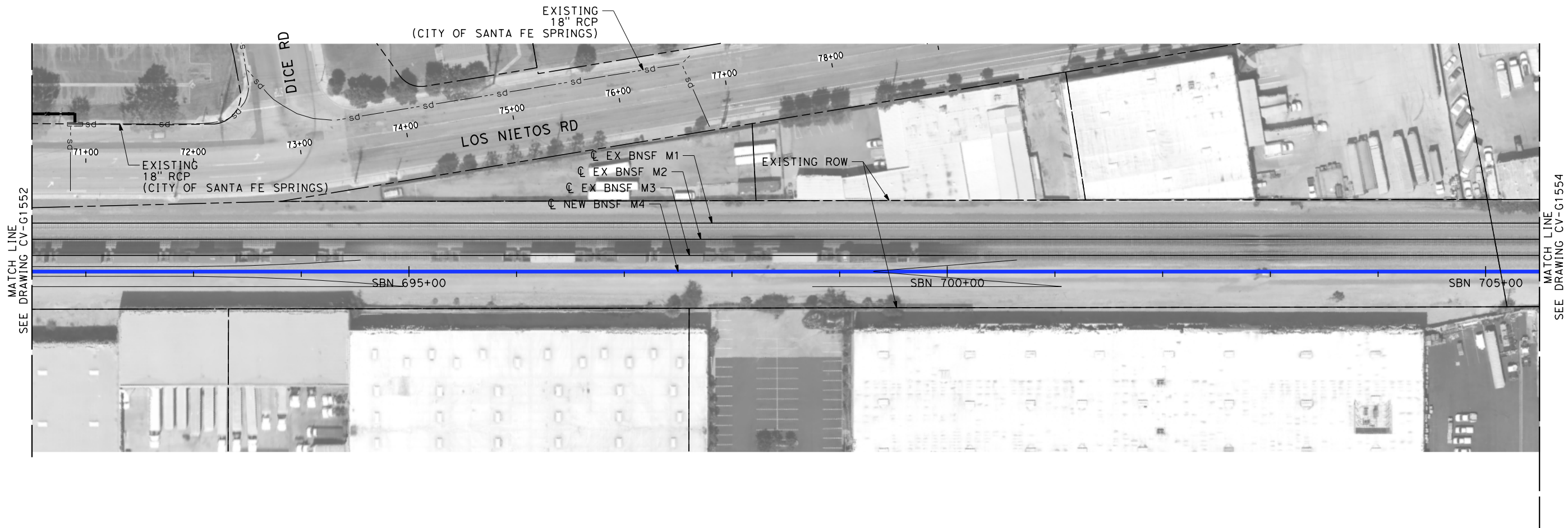
NOT FOR CONSTRUCTION  
FOR INTERNAL USE ONLY

50 0 50 100  
1"=50'  
SCALE APPLICABLE FOR FULL SIZE ONLY

\$PLOT \$							DESIGNED BY R. WONG	PEPD SUBMITTAL FOR INTERNAL USE ONLY  NOT FOR CONSTRUCTION			CALIFORNIA HIGH-SPEED TRAIN PROJECT LOS ANGELES TO ANAHEIM RECORD SET PRELIMINARY ENGINEERING FOR PROJECT DEFINITION GRADING AND DRAINAGE STA SBN 666+50 TO STA SBN 679+00	CONTRACT NO. HSR06-0005
							DRAWN BY D. BARRAZA					DRAWING NO. CV-G1551
							CHECKED BY M. SATISH					SCALE 1" = 50'
							IN CHARGE J. SWANSON					SHEET NO.
							DATE 02/28/25					
	REV	DATE	BY	CHK	APP	DESCRIPTION						







NOTES:


- 1. INTRUSION BARRIER WILL BE PROVIDED AT RAILROAD RIGHT OF WAY.
- 2. CONTOUR GRADING ALONG THE HST TRACKS IS BASED ON THE TOP OF SUBGRADE ELEVATIONS. BALLAST IS NOT INCLUDED.
- 3. FOR RETAINING WALL INFORMATION SEE RETAINING WALL PLANS IN VOLUME 3.2.

NOT FOR CONSTRUCTION  
FOR INTERNAL USE ONLY

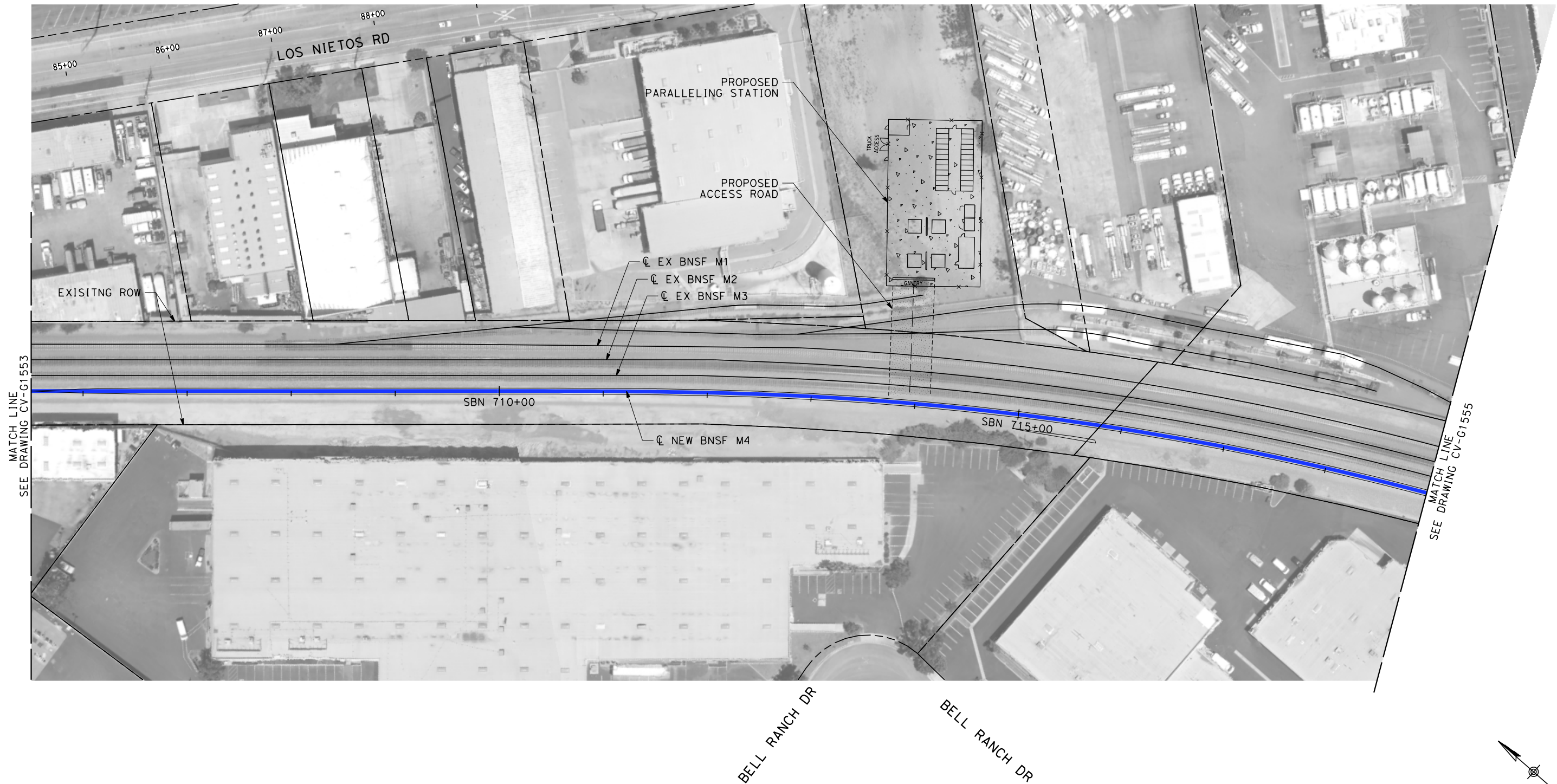
50050100

1"=50'

SCALE APPLICABLE FOR FULL SIZE ONLY

\$	PLOT						DESIGNED BY R. WONG	PEPD SUBMITTAL FOR INTERNAL USE ONLY  NOT FOR CONSTRUCTION	stvrail		CALIFORNIA HIGH-SPEED RAIL AUTHORITY	CALIFORNIA HIGH-SPEED TRAIN PROJECT LOS ANGELES TO ANAHEIM			CONTRACT NO. HSR06-0005
							DRAWN BY D. BARRAZA					DRAWING NO. CV-G1553			
							CHECKED BY M. SATISH					SCALE 1" = 50'			
							IN CHARGE J. SWANSON					SHEET NO.			
							DATE 02/28/25								
		REV	DATE	BY	CHK	APP	DESCRIPTION								






NOTES:

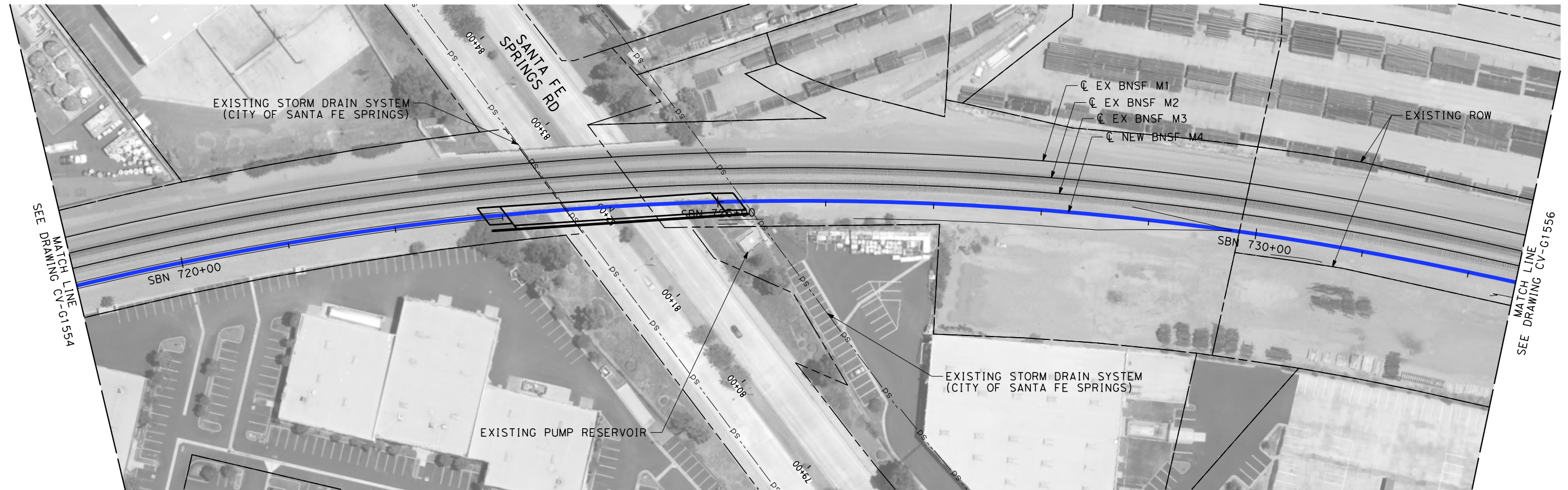
- 1. INTRUSION BARRIER WILL BE PROVIDED AT RAILROAD RIGHT OF WAY.
- 2. CONTOUR GRADING ALONG THE HST TRACKS IS BASED ON THE TOP OF SUBGRADE ELEVATIONS. BALLAST IS NOT INCLUDED.
- 3. FOR RETAINING WALL INFORMATION SEE RETAINING WALL PLANS IN VOLUME 3.2.

NOT FOR CONSTRUCTION  
FOR INTERNAL USE ONLY

50 0 50 100  
1"=50'  
SCALE APPLICABLE FOR FULL SIZE ONLY

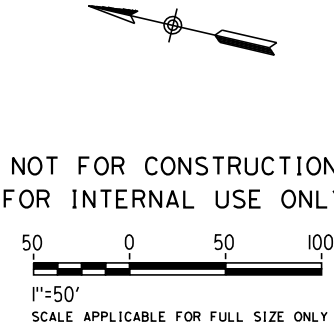
\$PLOT \$							DESIGNED BY R. WONG	PEPD SUBMITTAL FOR INTERNAL USE ONLY  NOT FOR CONSTRUCTION	stv		CALIFORNIA HIGH-SPEED RAIL AUTHORITY	CALIFORNIA HIGH-SPEED TRAIN PROJECT LOS ANGELES TO ANAHEIM RECORD SET PRELIMINARY ENGINEERING FOR PROJECT DEFINITION GRADING AND DRAINAGE STA SBN 705+50 TO STA SBN 719+00	CONTRACT NO. HSR06-0005
							DRAWN BY D. BARRAZA						DRAWING NO. CV-G1554
							CHECKED BY M. SATISH						SCALE 1" = 50'
							IN CHARGE J. SWANSON						SHEET NO.
							DATE 02/28/25						
	REV	DATE	BY	CHK	APP	DESCRIPTION							







NOTES:

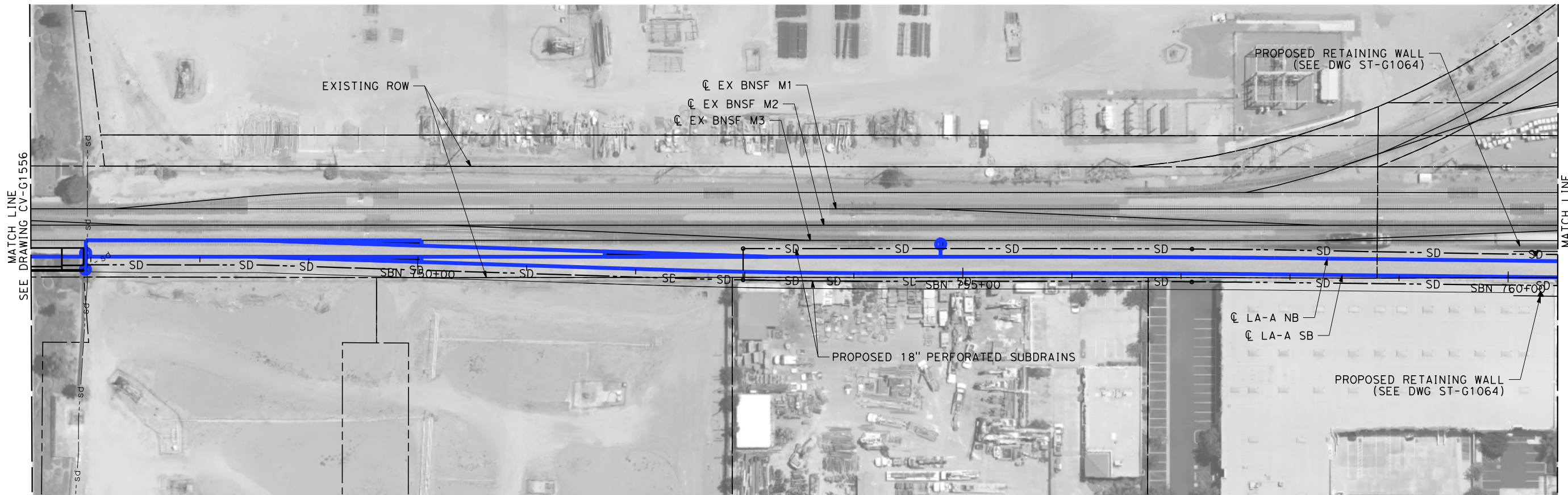
- 1. INTRUSION BARRIER WILL BE PROVIDED AT RAILROAD RIGHT OF WAY.
- 2. CONTOUR GRADING ALONG THE HST TRACKS IS BASED ON THE TOP OF SUBGRADE ELEVATIONS. BALLAST IS NOT INCLUDED.
- 3. FOR RETAINING WALL INFORMATION SEE RETAINING WALL PLANS IN VOLUME 3.2.



\$PLOTS							DESIGNED BY R. WONG	PEPD SUBMITTAL FOR INTERNAL USE ONLY  NOT FOR CONSTRUCTION			CALIFORNIA HIGH-SPEED TRAIN PROJECT LOS ANGELES TO ANAHEIM RECORD SET PRELIMINARY ENGINEERING FOR PROJECT DEFINITION GRADING AND DRAINAGE STA SBN 719+00 TO STA SBN 732+50	CONTRACT NO. HSR06-0005
							DRAWN BY D. BARRAZA					DRAWING NO. CV-G1555
							CHECKED BY M. SATISH					SCALE 1" = 50'
							IN CHARGE J. SWANSON					SHEET NO.
							DATE 02/28/25					
	REV	DATE	BY	CHK	APP	DESCRIPTION						

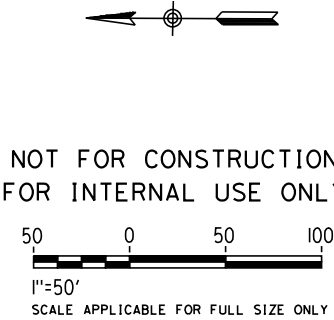








NOTES:

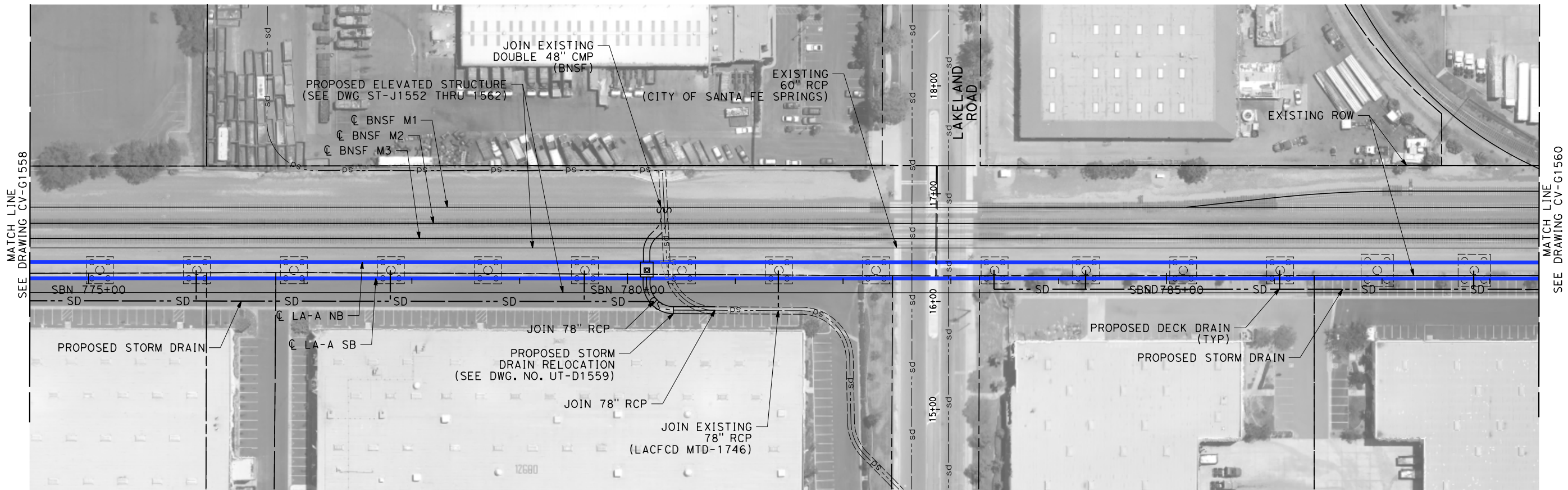
- 1. INTRUSION BARRIER WILL BE PROVIDED AT RAILROAD RIGHT OF WAY.
- 2. CONTOUR GRADING ALONG THE HST TRACKS IS BASED ON THE TOP OF SUBGRADE ELEVATIONS. BALLAST IS NOT INCLUDED.
- 3. FOR RETAINING WALL INFORMATION SEE RETAINING WALL PLANS IN VOLUME 3.2.



						DESIGNED BY R. WONG	PEPD SUBMITTAL FOR INTERNAL USE ONLY  NOT FOR CONSTRUCTION			CALIFORNIA HIGH-SPEED TRAIN PROJECT LOS ANGELES TO ANAHEIM RECORD SET PRELIMINARY ENGINEERING FOR PROJECT DEFINITION GRADING AND DRAINAGE STA SBN 746+50 TO STA SBN 760+50	CONTRACT NO. HSR06-0005
						DRAWN BY D. BARRAZA					DRAWING NO. CV-G1557
						CHECKED BY M. SATISH					SCALE 1" = 50'
						IN CHARGE J. SWANSON					SHEET NO.
						DATE 02/28/25					
REV	DATE	BY	CHK	APP	DESCRIPTION						

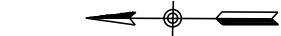








NOTES:

- 1. INTRUSION BARRIER WILL BE PROVIDED AT RAILROAD RIGHT OF WAY.
- 2. CONTOUR GRADING ALONG THE HST TRACKS IS BASED ON THE TOP OF SUBGRADE ELEVATIONS. BALLAST IS NOT INCLUDED.
- 3. FOR RETAINING WALL INFORMATION SEE RETAINING WALL PLANS IN VOLUME 3.2.



NOT FOR CONSTRUCTION  
FOR INTERNAL USE ONLY

50 0 50 100  
1"=50'  
SCALE APPLICABLE FOR FULL SIZE ONLY

\$PLOT \$							DESIGNED BY R. WONG	PEPD SUBMITTAL FOR INTERNAL USE ONLY  NOT FOR CONSTRUCTION			CALIFORNIA HIGH-SPEED TRAIN PROJECT LOS ANGELES TO ANAHEIM RECORD SET PRELIMINARY ENGINEERING FOR PROJECT DEFINITION GRADING AND DRAINAGE STA SBN 774+50 TO STA SBN 788+50	CONTRACT NO. HSR06-0005
							DRAWN BY D. BARRAZA					DRAWING NO. CV-G1559
							CHECKED BY M. SATISH					SCALE 1" = 50'
							IN CHARGE J. SWANSON					SHEET NO.
							DATE 02/28/25					
	REV	DATE	BY	CHK	APP	DESCRIPTION						

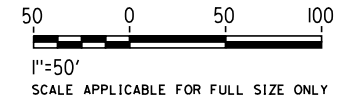






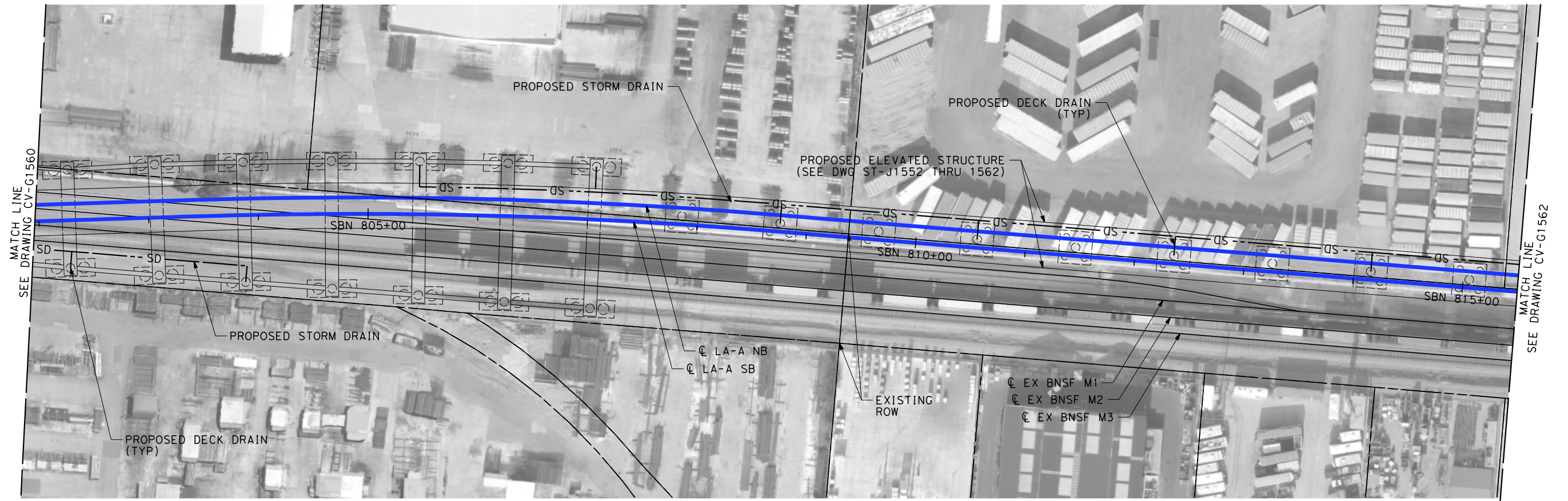
NOTES:

1. INTRUSION BARRIER WILL BE PROVIDED AT RAILROAD RIGHT OF WAY.
2. CONTOUR GRADING ALONG THE HST TRACKS IS BASED ON THE TOP OF SUBGRADE ELEVATIONS. BALLAST IS NOT INCLUDED.
3. FOR RETAINING WALL INFORMATION SEE RETAINING WALL PLANS IN VOLUME 3.2.

NOT FOR CONSTRUCTION  
FOR INTERNAL USE ONLY



\$PLOT \$							DESIGNED BY R. WONG	PEPD SUBMITTAL FOR INTERNAL USE ONLY  NOT FOR CONSTRUCTION			CALIFORNIA HIGH-SPEED TRAIN PROJECT LOS ANGELES TO ANAHEIM RECORD SET PRELIMINARY ENGINEERING FOR PROJECT DEFINITION GRADING AND DRAINAGE STA SBN 788+50 TO STA SBN 802+00	CONTRACT NO. HSR06-0005
							DRAWN BY D. BARRAZA					DRAWING NO. CV-G1560
							CHECKED BY M. SATISH					SCALE 1" = 50'
							IN CHARGE J. SWANSON					SHEET NO.
							DATE 02/28/25					
	REV	DATE	BY	CHK	APP	DESCRIPTION						



NOTES:



- 1. INTRUSION BARRIER WILL BE PROVIDED AT RAILROAD RIGHT OF WAY.
- 2. CONTOUR GRADING ALONG THE HST TRACKS IS BASED ON THE TOP OF SUBGRADE ELEVATIONS. BALLAST IS NOT INCLUDED.
- 3. FOR RETAINING WALL INFORMATION SEE RETAINING WALL PLANS IN VOLUME 3.2.

NOT FOR CONSTRUCTION  
FOR INTERNAL USE ONLY

500500

1"=50'

SCALE APPLICABLE FOR FULL SIZE ONLY

\$PLOTS							DESIGNED BY R. WONG	PEPD SUBMITTAL FOR INTERNAL USE ONLY  NOT FOR CONSTRUCTION			CONTRACT NO. HSR06-0005	
							DRAWN BY D. BARRAZA					DRAWING NO. CV-G1561
							CHECKED BY M. SATISH					SCALE 1" = 50'
							IN CHARGE J. SWANSON					SHEET NO.
							DATE 02/28/25					
	REV	DATE	BY	CHK	APP	DESCRIPTION						

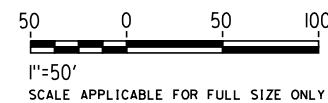




NOTES:

1. INTRUSION BARRIER WILL BE PROVIDED AT RAILROAD RIGHT OF WAY.
2. CONTOUR GRADING ALONG THE HST TRACKS IS BASED ON THE TOP OF SUBGRADE ELEVATIONS. BALLAST IS NOT INCLUDED.
3. FOR RETAINING WALL INFORMATION SEE RETAINING WALL PLANS IN VOLUME 3.2.

NOT FOR CONSTRUCTION  
FOR INTERNAL USE ONLY



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY R. WONG
DRAWN BY D. BARRAZA
CHECKED BY M. SATISH
IN CHARGE J. SWANSON
DATE 02/28/25

PEPD  
SUBMITTAL  
FOR INTERNAL  
USE ONLY

NOT FOR  
CONSTRUCTION



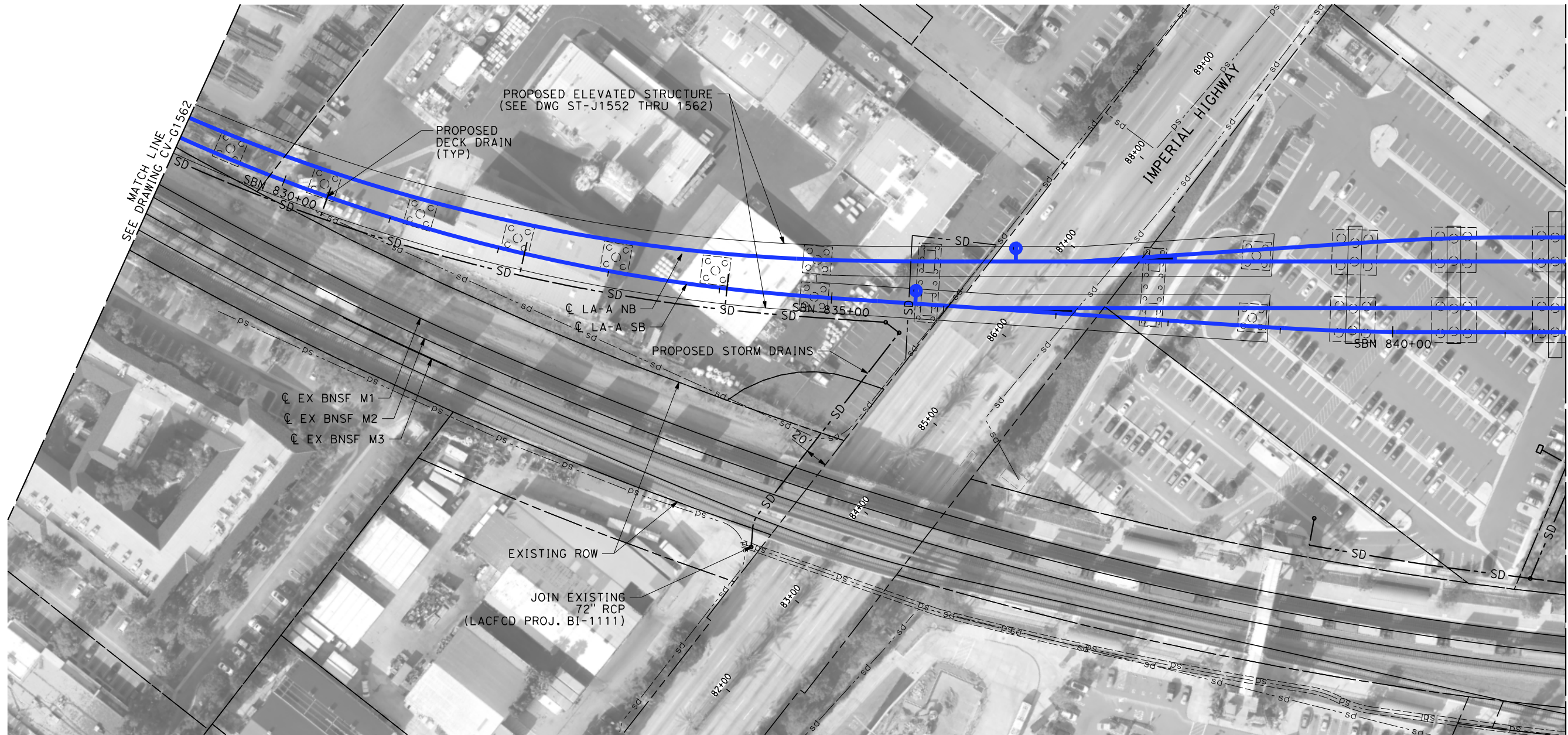
CALIFORNIA  
HIGH-SPEED RAIL AUTHORITY

**CALIFORNIA HIGH-SPEED TRAIN PROJECT  
LOS ANGELES TO ANAHEIM**

RECORD SET  
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION  
GRADING AND DRAINAGE  
STA SBN 815+50 TO STA SBN 829+00

CONTRACT NO. HSR06-0005
DRAWING NO. CV-G1562
SCALE 1" = 50'
SHEET NO.







NOTES:

- 1. INTRUSION BARRIER WILL BE PROVIDED AT RAILROAD RIGHT OF WAY.
- 2. CONTOUR GRADING ALONG THE HST TRACKS IS BASED ON THE TOP OF SUBGRADE ELEVATIONS. BALLAST IS NOT INCLUDED.
- 3. FOR RETAINING WALL INFORMATION SEE RETAINING WALL PLANS IN VOLUME 3.2.

NOT FOR CONSTRUCTION  
FOR INTERNAL USE ONLY

50 0 50 100  
1"=50'  
SCALE APPLICABLE FOR FULL SIZE ONLY

\$PLOT \$							DESIGNED BY R. WONG	PEPD SUBMITTAL FOR INTERNAL USE ONLY  NOT FOR CONSTRUCTION			CALIFORNIA HIGH-SPEED TRAIN PROJECT LOS ANGELES TO ANAHEIM RECORD SET PRELIMINARY ENGINEERING FOR PROJECT DEFINITION GRADING AND DRAINAGE STA SBN 829+00 TO STA SBN 841+50	CONTRACT NO. HSR06-0005
							DRAWN BY D. BARRAZA					DRAWING NO. CV-G1563
							CHECKED BY M. SATISH					SCALE 1" = 50'
							IN CHARGE J. SWANSON					SHEET NO.
							DATE 02/28/25					
	REV	DATE	BY	CHK	APP	DESCRIPTION						

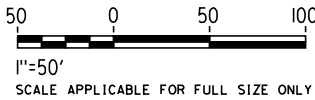






NOTES:

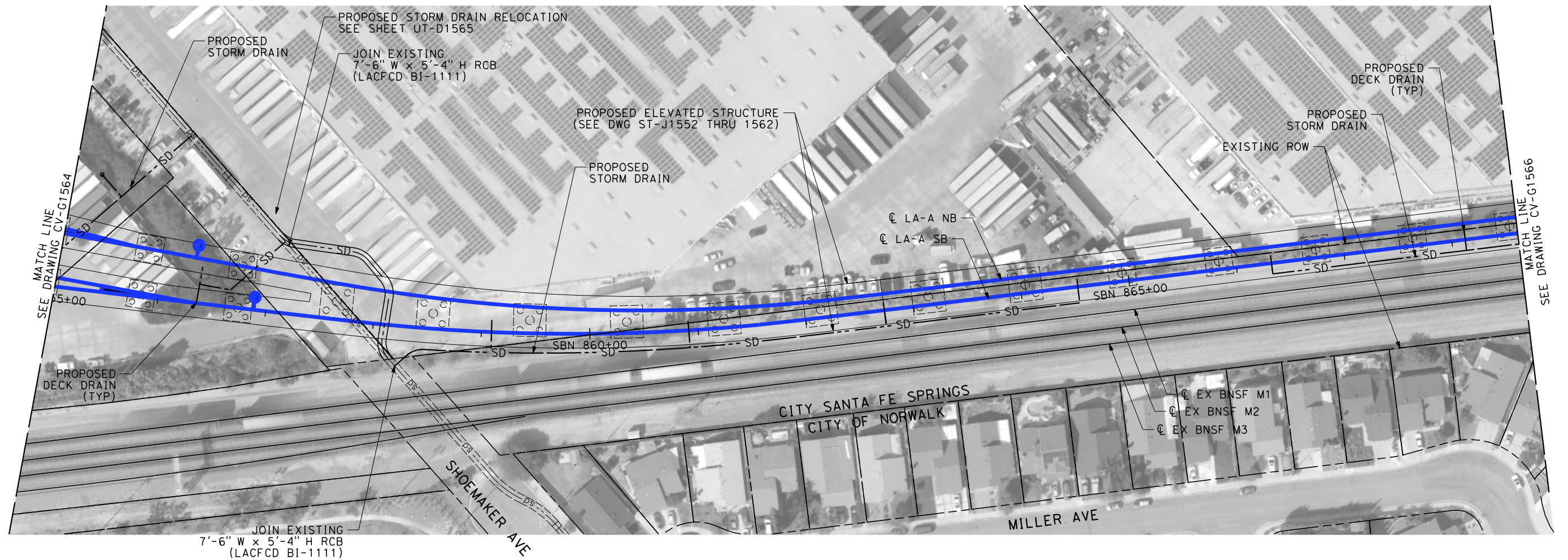
1. INTRUSION BARRIER WILL BE PROVIDED AT RAILROAD RIGHT OF WAY.
2. CONTOUR GRADING ALONG THE HST TRACKS IS BASED ON THE TOP OF SUBGRADE ELEVATIONS. BALLAST IS NOT INCLUDED.
3. FOR RETAINING WALL INFORMATION SEE RETAINING WALL PLANS IN VOLUME 3.2.

NOT FOR CONSTRUCTION  
FOR INTERNAL USE ONLY



\$PLOT \$							DESIGNED BY R. WONG	PEPD SUBMITTAL FOR INTERNAL USE ONLY  NOT FOR CONSTRUCTION			CALIFORNIA HIGH-SPEED TRAIN PROJECT LOS ANGELES TO ANAHEIM RECORD SET PRELIMINARY ENGINEERING FOR PROJECT DEFINITION GRADING AND DRAINAGE STA SBN 841+50 TO STA SBN 855+00	CONTRACT NO. HSR06-0005
							DRAWN BY D. BARRAZA					DRAWING NO. CV-G1564
							CHECKED BY M. SATISH					SCALE 1" = 50'
							IN CHARGE J. SWANSON					SHEET NO.
							DATE 02/28/25					
	REV	DATE	BY	CHK	APP	DESCRIPTION						

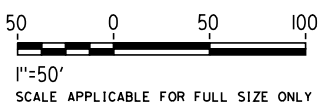




# NOTES:

- INTRUSION BARRIER WILL BE PROVIDED AT RAILROAD RIGHT OF WAY.
- CONTOUR GRADING ALONG THE HST TRACKS IS BASED ON THE TOP OF SUBGRADE ELEVATIONS. BALLAST IS NOT INCLUDED.
- FOR RETAINING WALL INFORMATION SEE RETAINING WALL PLANS IN VOLUME 3.2.

NOT FOR CONSTRUCTION  
FOR INTERNAL USE ONLY



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY R. WONG
DRAWN BY D. BARRAZA
CHECKED BY M. SATISH
IN CHARGE J. SWANSON
DATE 02/28/25

PEPD  
SUBMITTAL  
FOR INTERNAL  
USE ONLY

NOT FOR  
CONSTRUCTION



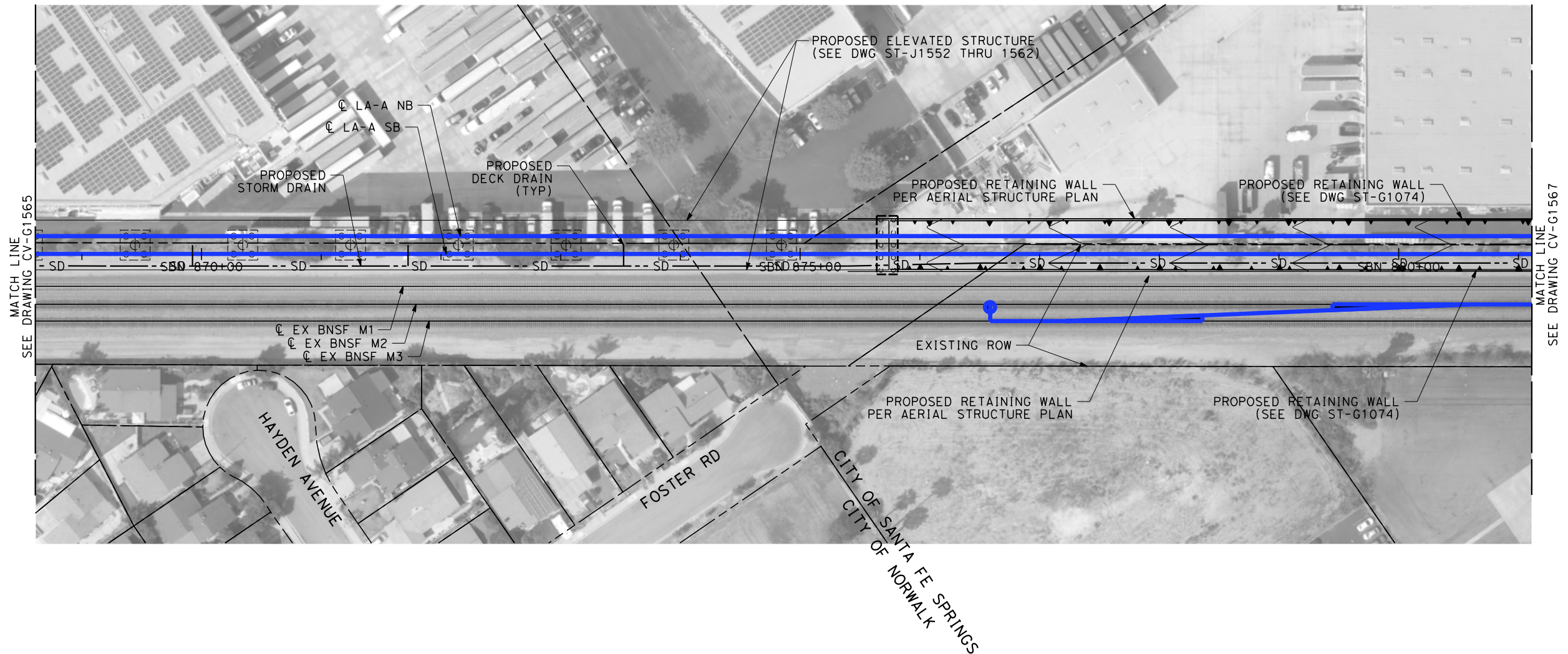
CALIFORNIA  
HIGH-SPEED RAIL AUTHORITY

**CALIFORNIA HIGH-SPEED TRAIN PROJECT  
LOS ANGELES TO ANAHEIM**

RECORD SET  
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION  
GRADING AND DRAINAGE  
STA SBN 855+00 TO STA SBN 868+50

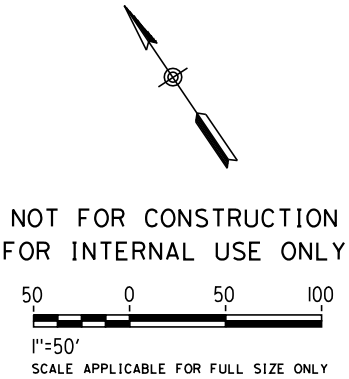
CONTRACT NO. HSR06-0005
DRAWING NO. CV-G1565
SCALE 1" = 50'
SHEET NO.





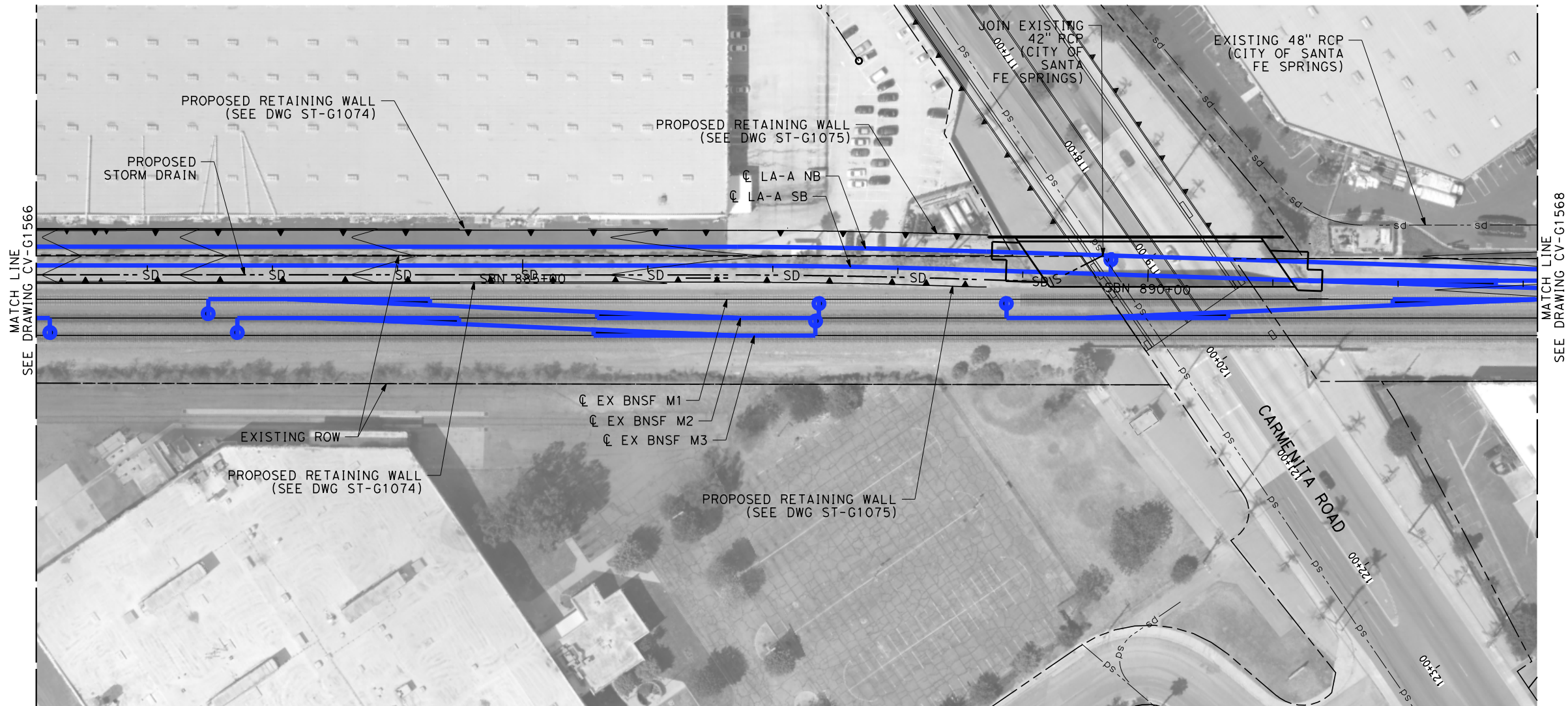


NOTES:

- 1. INTRUSION BARRIER WILL BE PROVIDED AT RAILROAD RIGHT OF WAY.
- 2. CONTOUR GRADING ALONG THE HST TRACKS IS BASED ON THE TOP OF SUBGRADE ELEVATIONS. BALLAST IS NOT INCLUDED.
- 3. FOR RETAINING WALL INFORMATION SEE RETAINING WALL PLANS IN VOLUME 3.2.

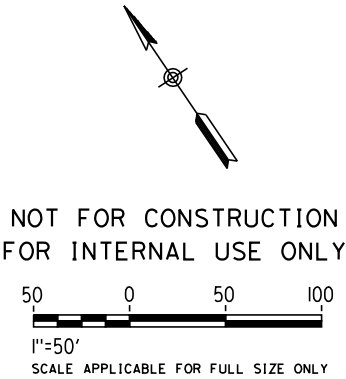




\$	PLOT	\$						DESIGNED BY R. WONG	PEPD SUBMITTAL FOR INTERNAL USE ONLY  NOT FOR CONSTRUCTION			CALIFORNIA HIGH-SPEED TRAIN PROJECT LOS ANGELES TO ANAHEIM RECORD SET PRELIMINARY ENGINEERING FOR PROJECT DEFINITION GRADING AND DRAINAGE STA SBN 868+50 TO STA SBN 881+00	CONTRACT NO. HSR06-0005
								DRAWN BY D. BARRAZA					DRAWING NO. CV-G1566
								CHECKED BY M. SATISH					SCALE 1" = 50'
								IN CHARGE J. SWANSON					SHEET NO.
								DATE 02/28/25					
REV	DATE	BY	CHK	APP	DESCRIPTION								



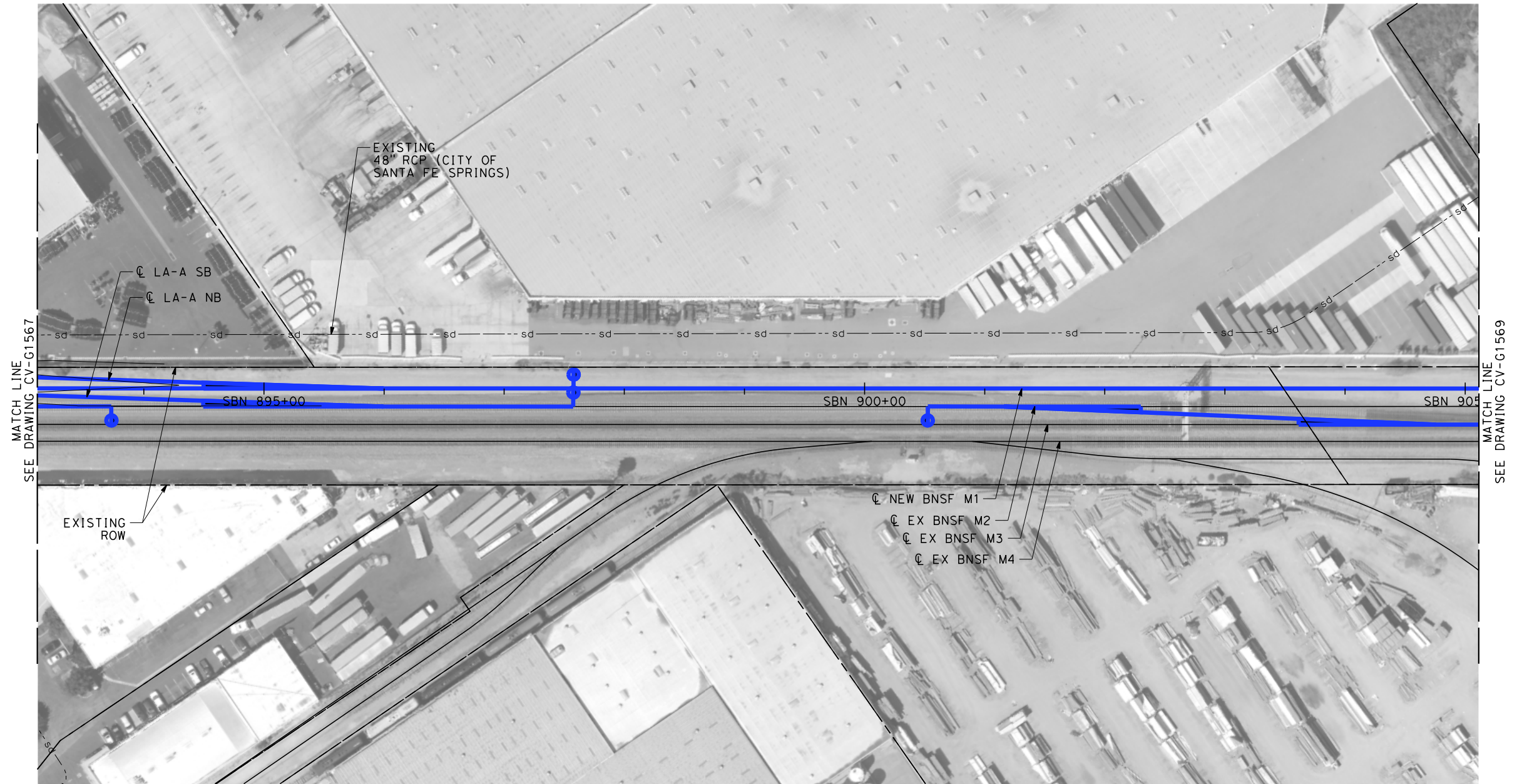
NOTES:

- 1. INTRUSION BARRIER WILL BE PROVIDED AT RAILROAD RIGHT OF WAY.
- 2. CONTOUR GRADING ALONG THE HST TRACKS IS BASED ON THE TOP OF SUBGRADE ELEVATIONS. BALLAST IS NOT INCLUDED.
- 3. FOR RETAINING WALL INFORMATION SEE RETAINING WALL PLANS IN VOLUME 3.2.



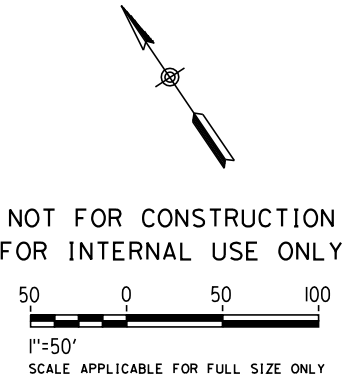
						DESIGNED BY R. WONG	PEPD SUBMITTAL FOR INTERNAL USE ONLY  NOT FOR CONSTRUCTION			CALIFORNIA HIGH-SPEED TRAIN PROJECT LOS ANGELES TO ANAHEIM RECORD SET PRELIMINARY ENGINEERING FOR PROJECT DEFINITION GRADING AND DRAINAGE STA SBN 881+00 TO STA SBN 893+00	CONTRACT NO. HSR06-0005
						DRAWN BY D. BARRAZA					DRAWING NO. CV-G1567
						CHECKED BY M. SATISH					SCALE 1" = 50'
						IN CHARGE J. SWANSON					SHEET NO.
						DATE 02/28/25					
REV	DATE	BY	CHK	APP	DESCRIPTION						





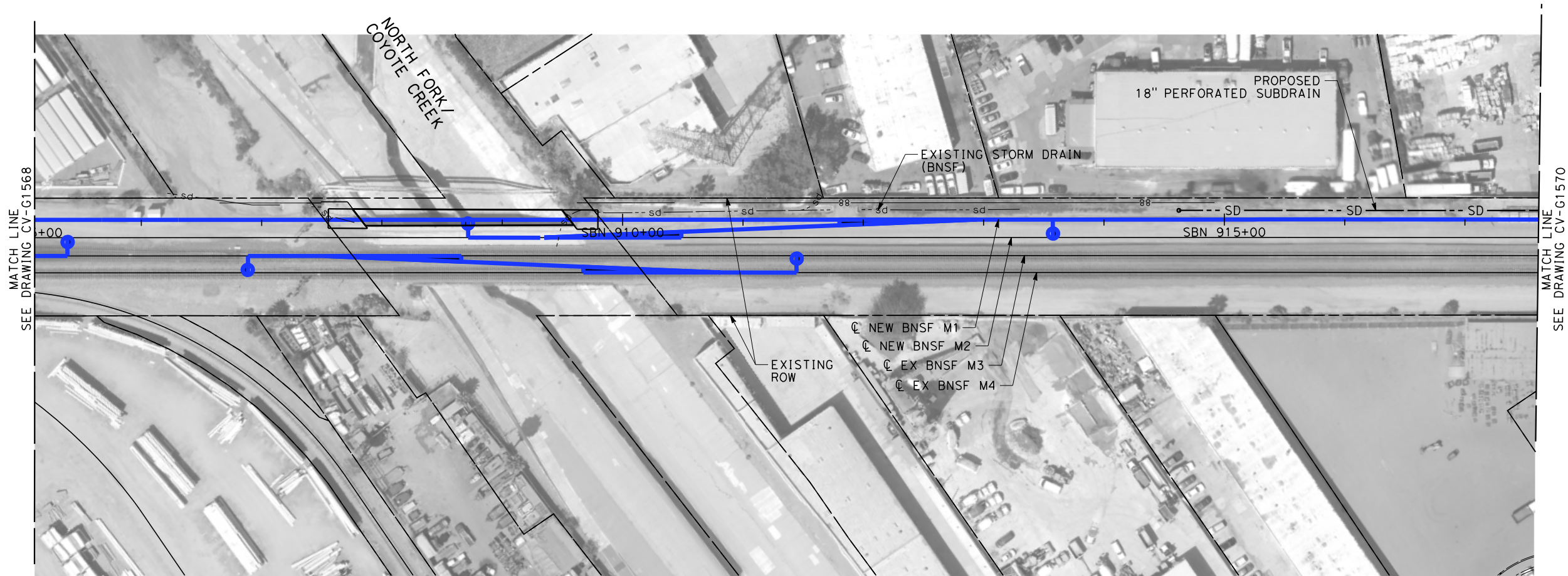


NOTES:

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- 2. CONTOUR GRADING ALONG THE HST TRACKS IS BASED ON THE TOP OF SUBGRADE ELEVATIONS. BALLAST IS NOT INCLUDED.
- 3. FOR RETAINING WALL INFORMATION SEE RETAINING WALL PLANS IN VOLUME 3.2.

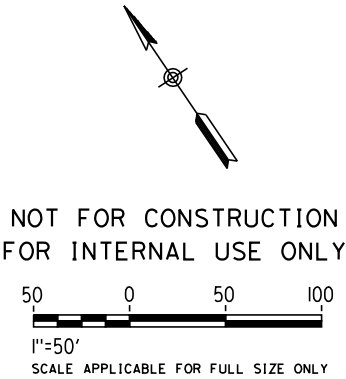




\$PLOT \$							DESIGNED BY R. WONG	PEPD SUBMITTAL FOR INTERNAL USE ONLY  NOT FOR CONSTRUCTION			CALIFORNIA HIGH-SPEED TRAIN PROJECT LOS ANGELES TO ANAHEIM RECORD SET PRELIMINARY ENGINEERING FOR PROJECT DEFINITION GRADING AND DRAINAGE STA SBN 893+00 TO STA SBN 905+00	CONTRACT NO. HSR06-0005
							DRAWN BY D. BARRAZA					DRAWING NO. CV-G1568
							CHECKED BY M. SATISH					SCALE 1" = 50'
							IN CHARGE J. SWANSON					SHEET NO.
							DATE 02/28/25					
REV	DATE	BY	CHK	APP	DESCRIPTION							



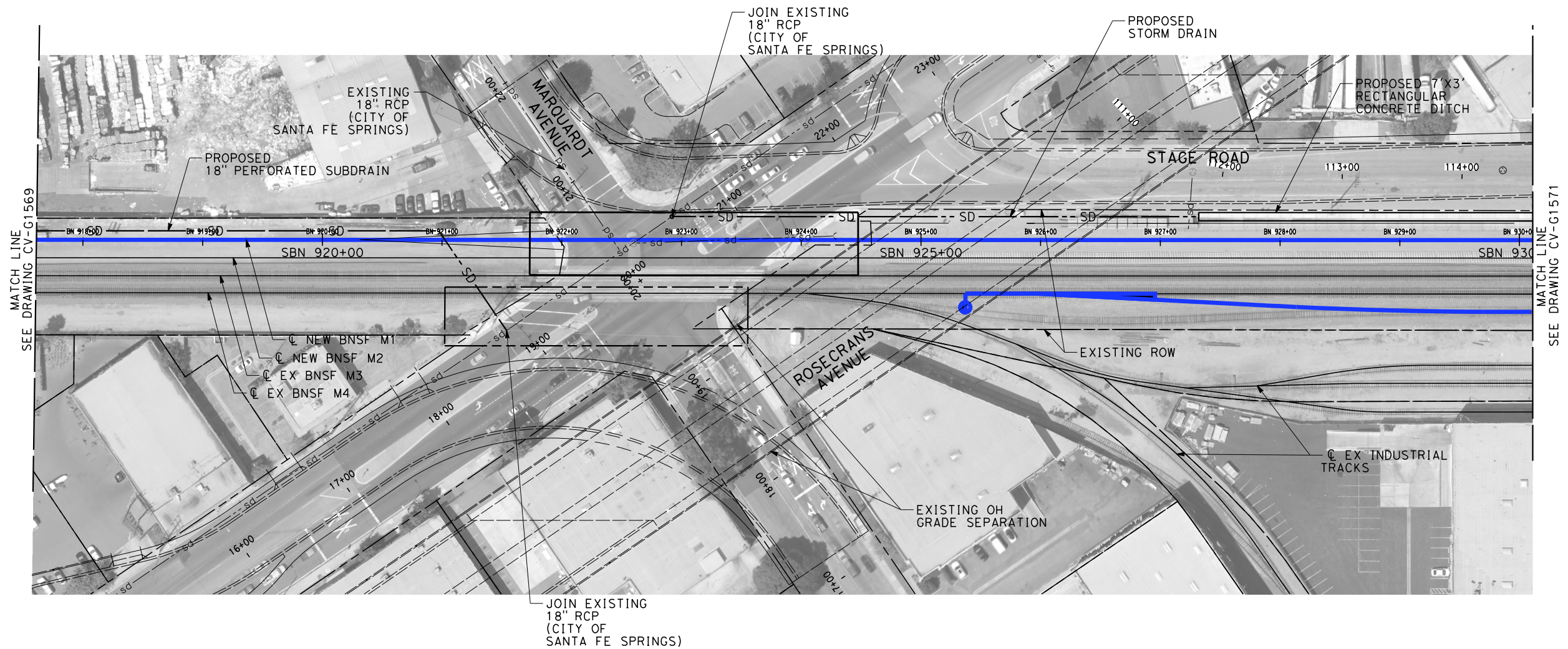
NOTES:

- 1. INTRUSION BARRIER WILL BE PROVIDED AT RAILROAD RIGHT OF WAY.
- 2. CONTOUR GRADING ALONG THE HST TRACKS IS BASED ON THE TOP OF SUBGRADE ELEVATIONS. BALLAST IS NOT INCLUDED.
- 3. FOR RETAINING WALL INFORMATION SEE RETAINING WALL PLANS IN VOLUME 3.2.



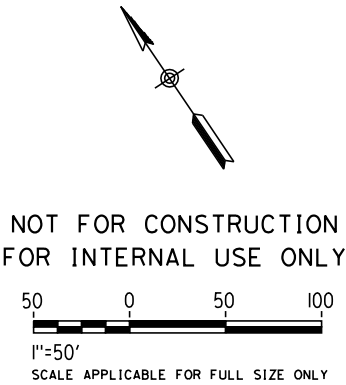
\$	PLOT						DESIGNED BY R. WONG	PEPD SUBMITTAL FOR INTERNAL USE ONLY  NOT FOR CONSTRUCTION			CALIFORNIA HIGH-SPEED TRAIN PROJECT LOS ANGELES TO ANAHEIM RECORD SET PRELIMINARY ENGINEERING FOR PROJECT DEFINITION GRADING AND DRAINAGE STA SBN 905+00 TO STA SBN 917+50	CONTRACT NO. HSR06-0005
							DRAWN BY D. BARRAZA					DRAWING NO. CV-G1569
							CHECKED BY M. SATISH					SCALE 1" = 50'
							IN CHARGE J. SWANSON					SHEET NO.
							DATE 02/28/25					
		REV	DATE	BY	CHK	APP	DESCRIPTION					







NOTES:

- 1. INTRUSION BARRIER WILL BE PROVIDED AT RAILROAD RIGHT OF WAY.
- 2. CONTOUR GRADING ALONG THE HST TRACKS IS BASED ON THE TOP OF SUBGRADE ELEVATIONS. BALLAST IS NOT INCLUDED.
- 3. FOR RETAINING WALL INFORMATION SEE RETAINING WALL PLANS IN VOLUME 3.2.



						DESIGNED BY R. WONG	PEPD SUBMITTAL FOR INTERNAL USE ONLY  NOT FOR CONSTRUCTION			CALIFORNIA HIGH-SPEED TRAIN PROJECT LOS ANGELES TO ANAHEIM RECORD SET PRELIMINARY ENGINEERING FOR PROJECT DEFINITION GRADING AND DRAINAGE STA SBN 917+50 TO STA SBN 930+00	CONTRACT NO. HSR06-0005
						DRAWN BY D. BARRAZA					DRAWING NO. CV-G1570
						CHECKED BY M. SATISH					SCALE 1" = 50'
						IN CHARGE J. SWANSON					SHEET NO.
						DATE 02/28/25					
REV	DATE	BY	CHK	APP	DESCRIPTION						





NOTES:



- 1. INTRUSION BARRIER WILL BE PROVIDED AT RAILROAD RIGHT OF WAY.
- 2. CONTOUR GRADING ALONG THE HST TRACKS IS BASED ON THE TOP OF SUBGRADE ELEVATIONS. BALLAST IS NOT INCLUDED.
- 3. FOR RETAINING WALL INFORMATION SEE RETAINING WALL PLANS IN VOLUME 3.2.

NOT FOR CONSTRUCTION  
FOR INTERNAL USE ONLY

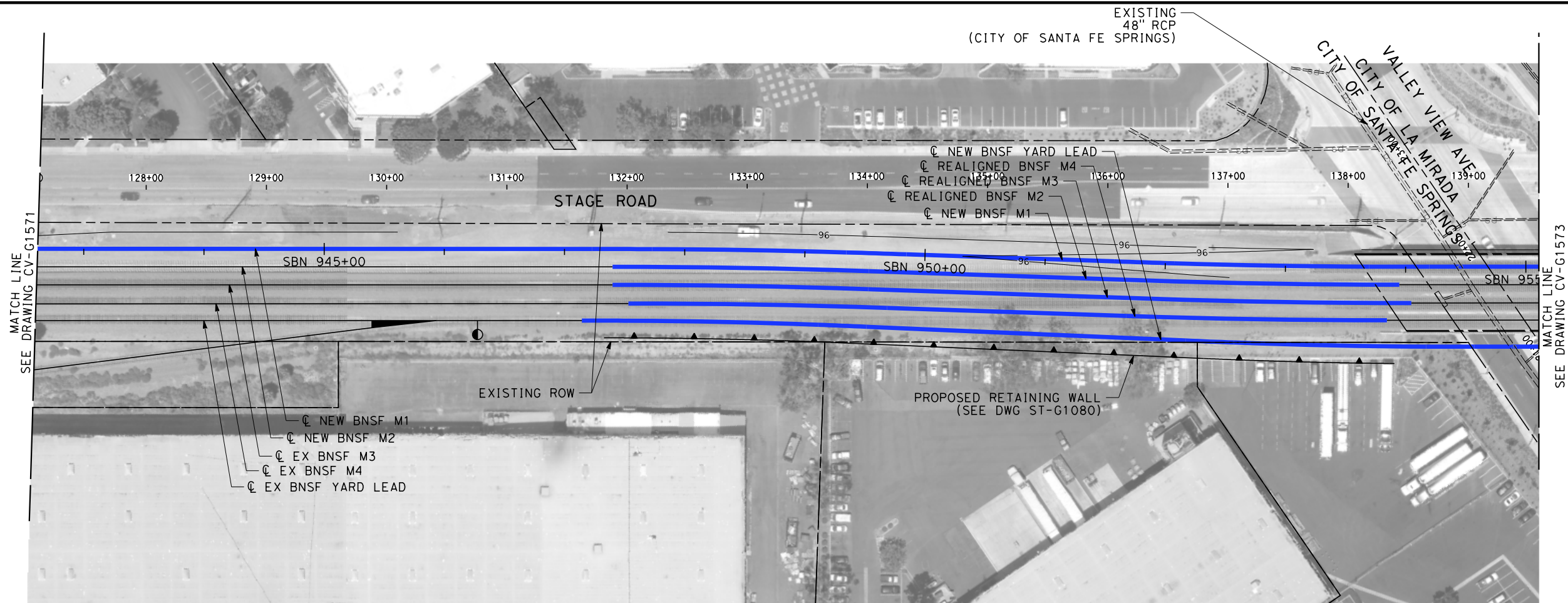
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1"=50'

SCALE APPLICABLE FOR FULL SIZE ONLY

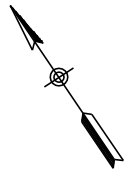
\$	PLOT	\$						DESIGNED BY R. WONG	PEPD SUBMITTAL FOR INTERNAL USE ONLY  NOT FOR CONSTRUCTION			CALIFORNIA HIGH-SPEED TRAIN PROJECT LOS ANGELES TO ANAHEIM RECORD SET PRELIMINARY ENGINEERING FOR PROJECT DEFINITION GRADING AND DRAINAGE STA SBN 930+00 TO STA SBN 942+50	CONTRACT NO. HSR06-0005
								DRAWN BY D. BARRAZA					DRAWING NO. CV-G1571
								CHECKED BY M. SATISH					SCALE 1" = 50'
								IN CHARGE J. SWANSON					SHEET NO.
								DATE 02/28/25					
			REV	DATE	BY	CHK	APP	DESCRIPTION					







NOTES:

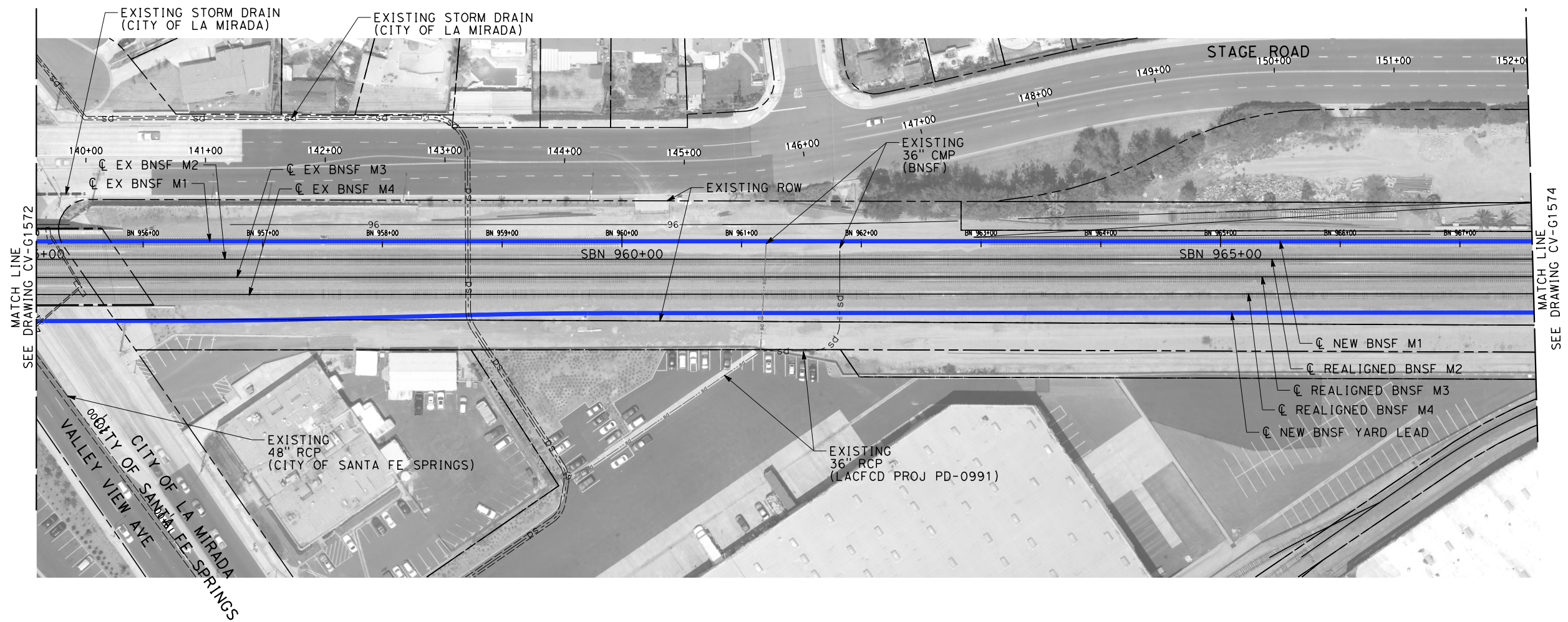
- 1. INTRUSION BARRIER WILL BE PROVIDED AT RAILROAD RIGHT OF WAY.
- 2. CONTOUR GRADING ALONG THE HST TRACKS IS BASED ON THE TOP OF SUBGRADE ELEVATIONS. BALLAST IS NOT INCLUDED.
- 3. FOR RETAINING WALL INFORMATION SEE RETAINING WALL PLANS IN VOLUME 3.2.



NOT FOR CONSTRUCTION  
FOR INTERNAL USE ONLY

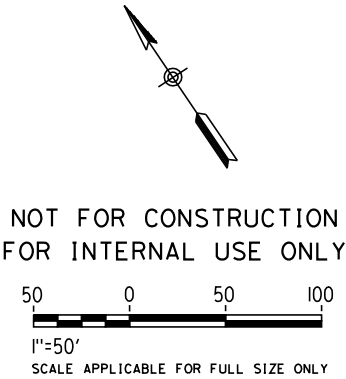
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1"=50'  
SCALE APPLICABLE FOR FULL SIZE ONLY



						DESIGNED BY R. WONG	PEPD SUBMITTAL FOR INTERNAL USE ONLY  NOT FOR CONSTRUCTION			CALIFORNIA HIGH-SPEED TRAIN PROJECT LOS ANGELES TO ANAHEIM RECORD SET PRELIMINARY ENGINEERING FOR PROJECT DEFINITION GRADING AND DRAINAGE STA SBN 942+50 TO STA SBN 955+00	CONTRACT NO. HSR06-0005
						DRAWN BY D. BARRAZA					DRAWING NO. CV-G1572
						CHECKED BY M. SATISH					SCALE 1" = 50'
						IN CHARGE J. SWANSON					SHEET NO.
						DATE 02/28/25					
REV	DATE	BY	CHK	APP	DESCRIPTION						



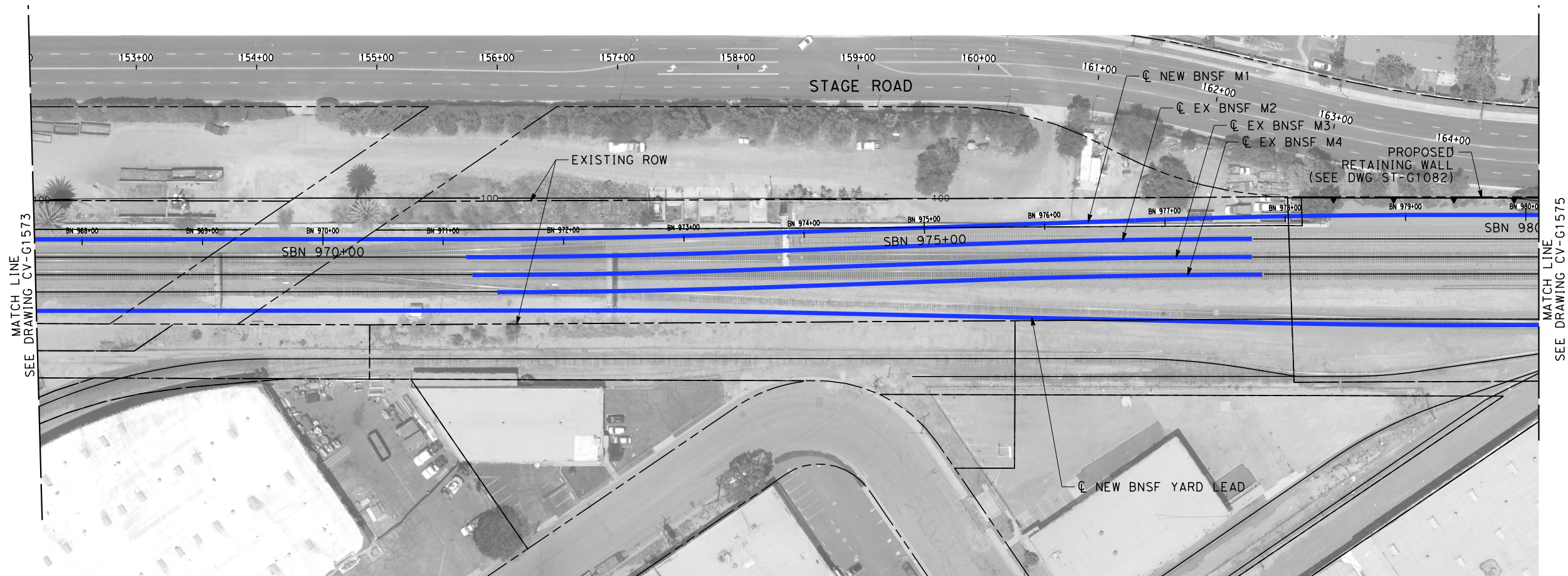
NOTES:

1. INTRUSION BARRIER WILL BE PROVIDED AT RAILROAD RIGHT OF WAY.
2. CONTOUR GRADING ALONG THE HST TRACKS IS BASED ON THE TOP OF SUBGRADE ELEVATIONS. BALLAST IS NOT INCLUDED.
3. FOR RETAINING WALL INFORMATION SEE RETAINING WALL PLANS IN VOLUME 3.2.



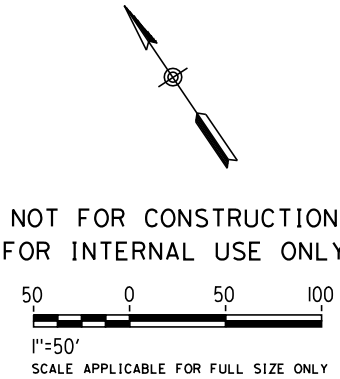
\$	PLOT	\$						DESIGNED BY R. WONG	PEPD SUBMITTAL FOR INTERNAL USE ONLY  NOT FOR CONSTRUCTION			CALIFORNIA HIGH-SPEED TRAIN PROJECT LOS ANGELES TO ANAHEIM RECORD SET PRELIMINARY ENGINEERING FOR PROJECT DEFINITION GRADING AND DRAINAGE STA SBN 955+00 TO STA SBN 967+50	CONTRACT NO. HSR06-0005
								DRAWN BY D. BARRAZA					DRAWING NO. CV-G1573
								CHECKED BY M. SATISH					SCALE 1" = 50'
								IN CHARGE J. SWANSON					SHEET NO.
								DATE 02/28/25					
			REV	DATE	BY	CHK	APP	DESCRIPTION					





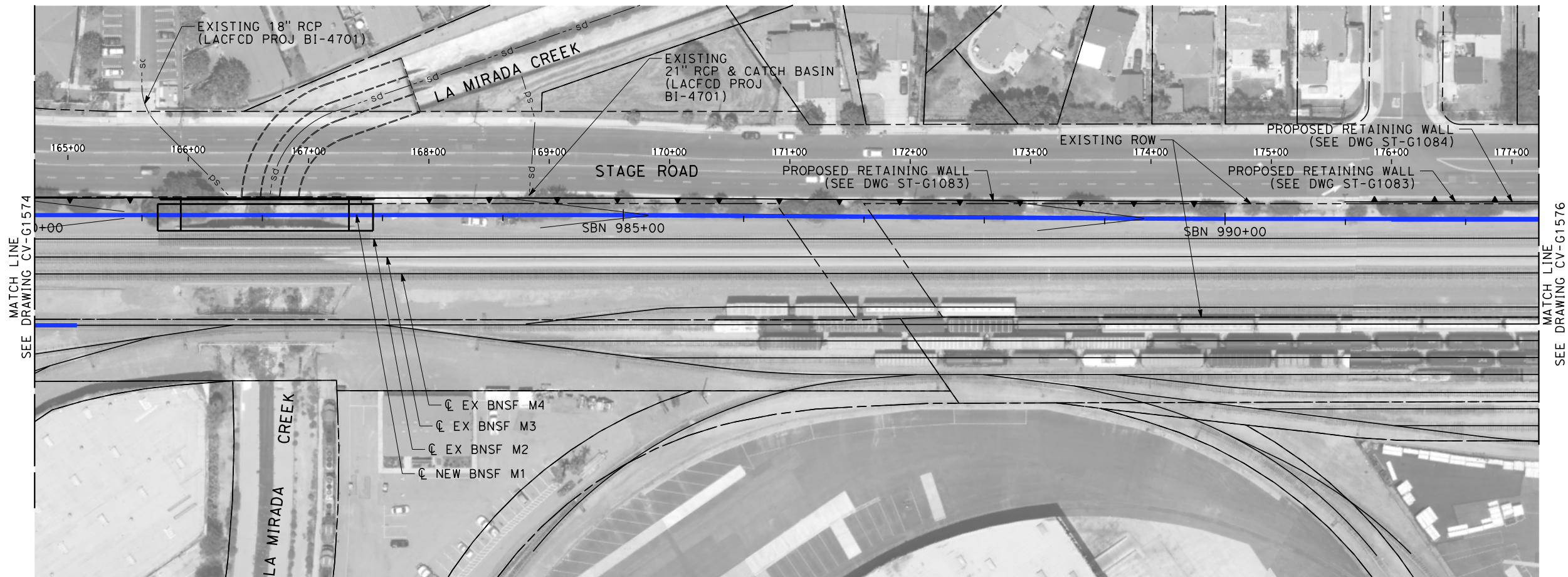


NOTES:

- 1. INTRUSION BARRIER WILL BE PROVIDED AT RAILROAD RIGHT OF WAY.
- 2. CONTOUR GRADING ALONG THE HST TRACKS IS BASED ON THE TOP OF SUBGRADE ELEVATIONS. BALLAST IS NOT INCLUDED.
- 3. FOR RETAINING WALL INFORMATION SEE RETAINING WALL PLANS IN VOLUME 3.2.

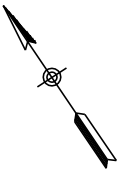


						DESIGNED BY R. WONG	PEPD SUBMITTAL FOR INTERNAL USE ONLY  NOT FOR CONSTRUCTION			CALIFORNIA HIGH-SPEED TRAIN PROJECT LOS ANGELES TO ANAHEIM RECORD SET PRELIMINARY ENGINEERING FOR PROJECT DEFINITION GRADING AND DRAINAGE STA SBN 967+50 TO STA SBN 980+00	CONTRACT NO. HSR06-0005
						DRAWN BY D. BARRAZA					DRAWING NO. CV-G1574
						CHECKED BY M. SATISH					SCALE 1" = 50'
						IN CHARGE J. SWANSON					SHEET NO.
						DATE 02/28/25					
REV	DATE	BY	CHK	APP	DESCRIPTION						






NOTES:

- 1. INTRUSION BARRIER WILL BE PROVIDED AT RAILROAD RIGHT OF WAY.
- 2. CONTOUR GRADING ALONG THE HST TRACKS IS BASED ON THE TOP OF SUBGRADE ELEVATIONS. BALLAST IS NOT INCLUDED.
- 3. FOR RETAINING WALL INFORMATION SEE RETAINING WALL PLANS IN VOLUME 3.2.



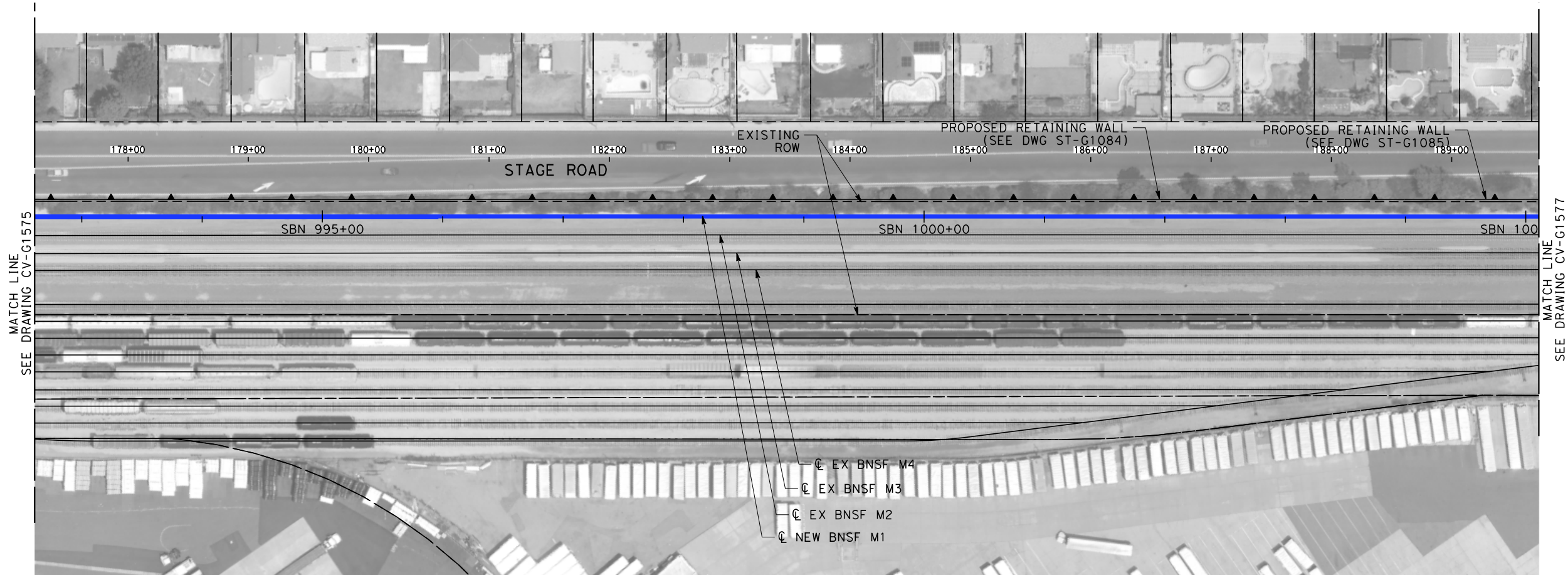
NOT FOR CONSTRUCTION  
FOR INTERNAL USE ONLY

  
1"=50'  
SCALE APPLICABLE FOR FULL SIZE ONLY

							DESIGNED BY R. WONG	PEPD SUBMITTAL FOR INTERNAL USE ONLY  NOT FOR CONSTRUCTION			CALIFORNIA HIGH-SPEED TRAIN PROJECT LOS ANGELES TO ANAHEIM RECORD SET PRELIMINARY ENGINEERING FOR PROJECT DEFINITION GRADING AND DRAINAGE STA SBN 980+00 TO STA SBN 992+50	CONTRACT NO. HSR06-0005
							DRAWN BY D. BARRAZA					DRAWING NO. CV-G1575
							CHECKED BY M. SATISH					SCALE 1" = 50'
							IN CHARGE J. SWANSON DATE 02/28/25					SHEET NO.
	REV	DATE	BY	CHK	APP	DESCRIPTION						

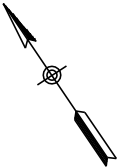
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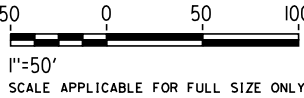




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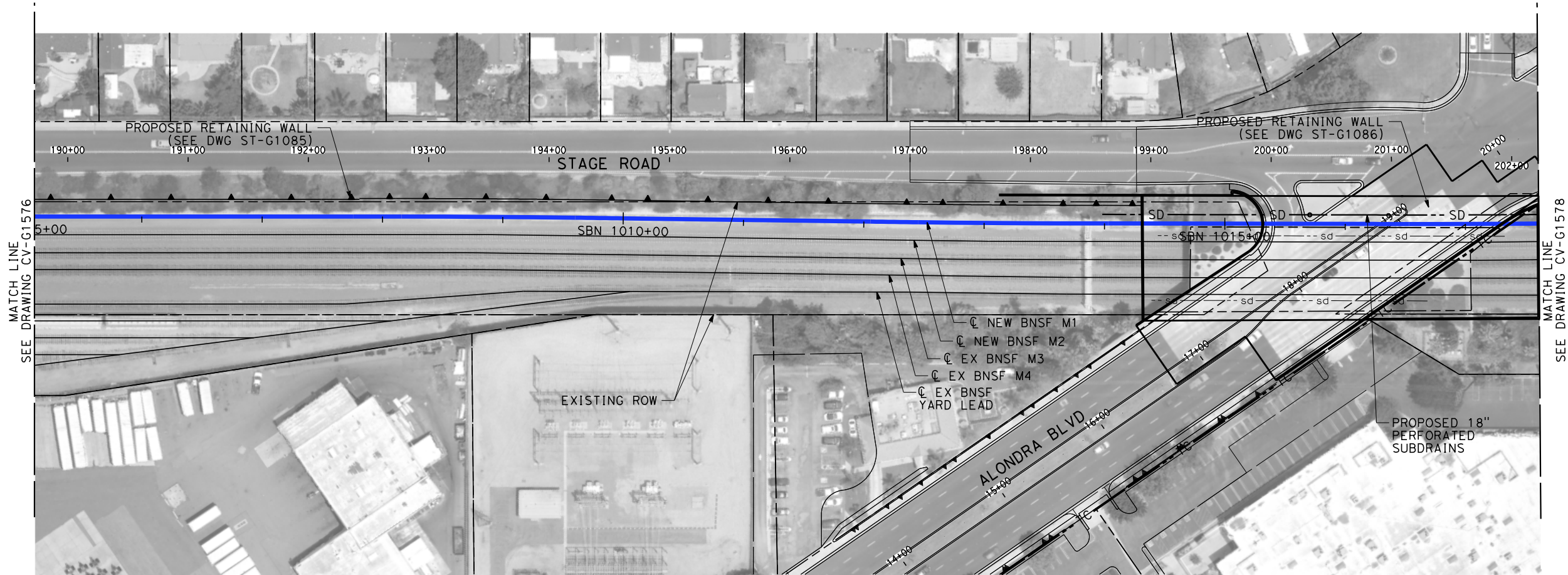
- 1. INTRUSION BARRIER WILL BE PROVIDED AT RAILROAD RIGHT OF WAY.
- 2. CONTOUR GRADING ALONG THE HST TRACKS IS BASED ON THE TOP OF SUBGRADE ELEVATIONS. BALLAST IS NOT INCLUDED.
- 3. FOR RETAINING WALL INFORMATION SEE RETAINING WALL PLANS IN VOLUME 3.2.



NOT FOR CONSTRUCTION  
FOR INTERNAL USE ONLY



\$PLOT\$							DESIGNED BY R. WONG	PEPD SUBMITTAL FOR INTERNAL USE ONLY  NOT FOR CONSTRUCTION			CALIFORNIA HIGH-SPEED TRAIN PROJECT LOS ANGELES TO ANAHEIM RECORD SET PRELIMINARY ENGINEERING FOR PROJECT DEFINITION GRADING AND DRAINAGE STA SBN 992+50 TO STA SBN 1005+00	CONTRACT NO. HSR06-0005
							DRAWN BY D. BARRAZA					DRAWING NO. CV-G1576
							CHECKED BY M. SATISH					SCALE 1" = 50'
							IN CHARGE J. SWANSON					SHEET NO.
							DATE 02/28/25					
	REV	DATE	BY	CHK	APP	DESCRIPTION						



NOTES:


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- 3. FOR RETAINING WALL INFORMATION SEE RETAINING WALL PLANS IN VOLUME 3.2.

NOT FOR CONSTRUCTION  
FOR INTERNAL USE ONLY

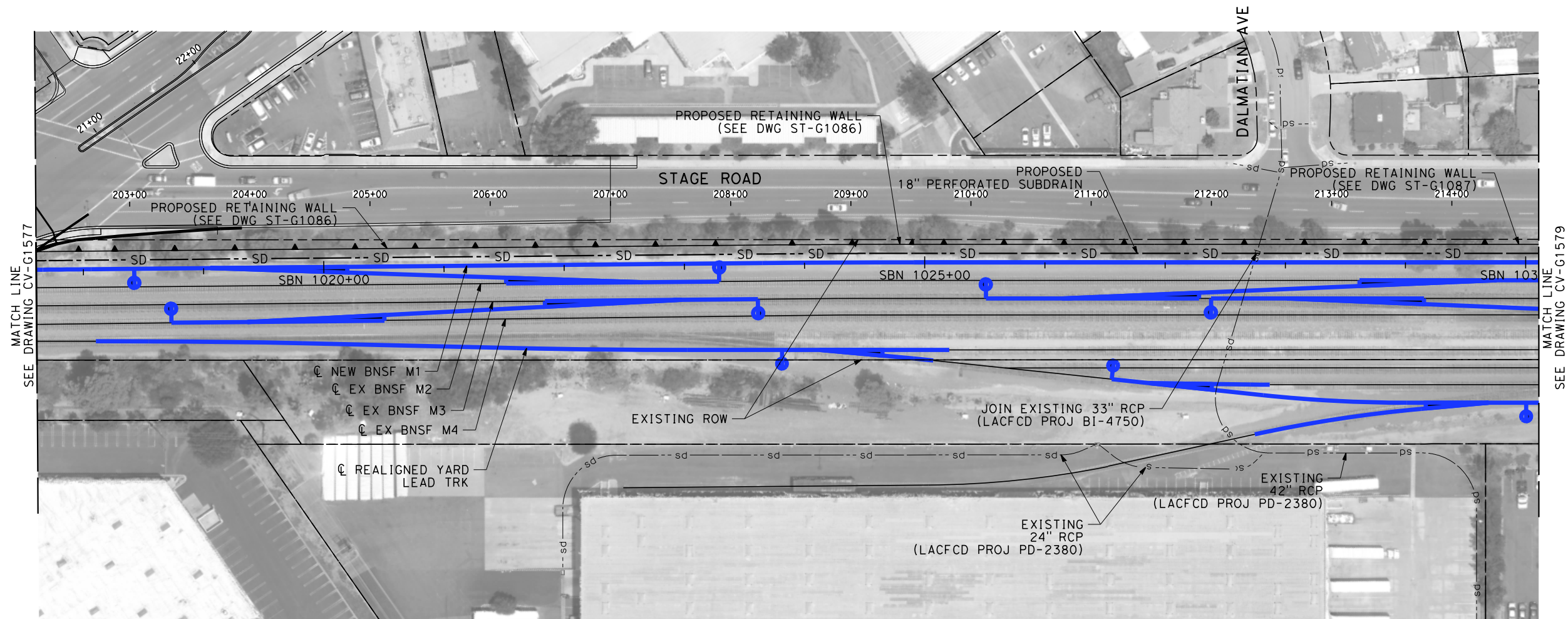
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1"=50'

SCALE APPLICABLE FOR FULL SIZE ONLY

\$PLOT\$							DESIGNED BY R. WONG	PEPD SUBMITTAL FOR INTERNAL USE ONLY  NOT FOR CONSTRUCTION	stvr	 CALIFORNIA HIGH-SPEED RAIL AUTHORITY	CALIFORNIA HIGH-SPEED TRAIN PROJECT LOS ANGELES TO ANAHEIM RECORD SET PRELIMINARY ENGINEERING FOR PROJECT DEFINITION GRADING AND DRAINAGE STA SBN 1005+00 TO STA SBN 1017+50	CONTRACT NO. HSR06-0005
							DRAWN BY D. BARRAZA					DRAWING NO. CV-G1577
							CHECKED BY M. SATISH					SCALE 1" = 50'
							IN CHARGE J. SWANSON					SHEET NO.
							DATE 02/28/25					
	REV	DATE	BY	CHK	APP	DESCRIPTION						

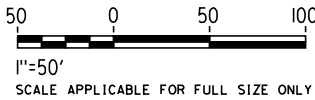






NOTES:

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- 3. FOR RETAINING WALL INFORMATION SEE RETAINING WALL PLANS IN VOLUME 3.2.

NOT FOR CONSTRUCTION  
FOR INTERNAL USE ONLY



						DESIGNED BY R. WONG	PEPD SUBMITTAL FOR INTERNAL USE ONLY  NOT FOR CONSTRUCTION			CALIFORNIA HIGH-SPEED TRAIN PROJECT LOS ANGELES TO ANAHEIM RECORD SET PRELIMINARY ENGINEERING FOR PROJECT DEFINITION GRADING AND DRAINAGE STA SBN 1017+50 TO STA SBN 1030+00	CONTRACT NO. HSR06-0005
						DRAWN BY D. BARRAZA					DRAWING NO. CV-G1578
						CHECKED BY M. SATISH					SCALE 1" = 50'
						IN CHARGE J. SWANSON					SHEET NO.
						DATE 02/28/25					
REV	DATE	BY	CHK	APP	DESCRIPTION						



NOTES:



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- 2. CONTOUR GRADING ALONG THE HST TRACKS IS BASED ON THE TOP OF SUBGRADE ELEVATIONS. BALLAST IS NOT INCLUDED.
- 3. FOR RETAINING WALL INFORMATION SEE RETAINING WALL PLANS IN VOLUME 3.2.

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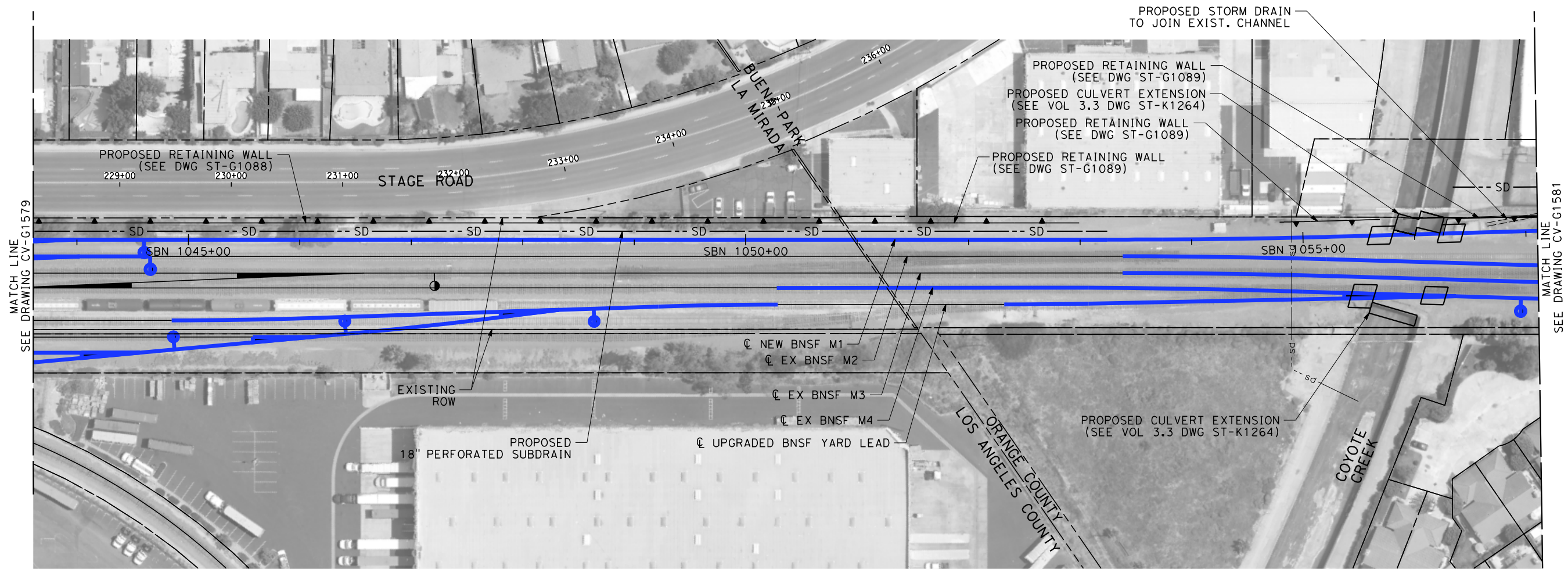
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1"=50'

SCALE APPLICABLE FOR FULL SIZE ONLY

\$	PLOT	\$						DESIGNED BY R. WONG	PEPD SUBMITTAL FOR INTERNAL USE ONLY  NOT FOR CONSTRUCTION			CALIFORNIA HIGH-SPEED TRAIN PROJECT LOS ANGELES TO ANAHEIM RECORD SET PRELIMINARY ENGINEERING FOR PROJECT DEFINITION GRADING AND DRAINAGE STA SBN 1030+00 TO STA SBN 1043+50	CONTRACT NO. HSR06-0005
								DRAWN BY D. BARRAZA					DRAWING NO. CV-G1579
								CHECKED BY M. SATISH					SCALE 1" = 50'
								IN CHARGE J. SWANSON					SHEET NO.
								DATE 02/28/25					
			REV	DATE	BY	CHK	APP	DESCRIPTION					





NOTES:



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- 2. CONTOUR GRADING ALONG THE HST TRACKS IS BASED ON THE TOP OF SUBGRADE ELEVATIONS. BALLAST IS NOT INCLUDED.
- 3. FOR RETAINING WALL INFORMATION SEE RETAINING WALL PLANS IN VOLUME 3.2.

NOT FOR CONSTRUCTION  
FOR INTERNAL USE ONLY

500 0 50 100

1"=50'

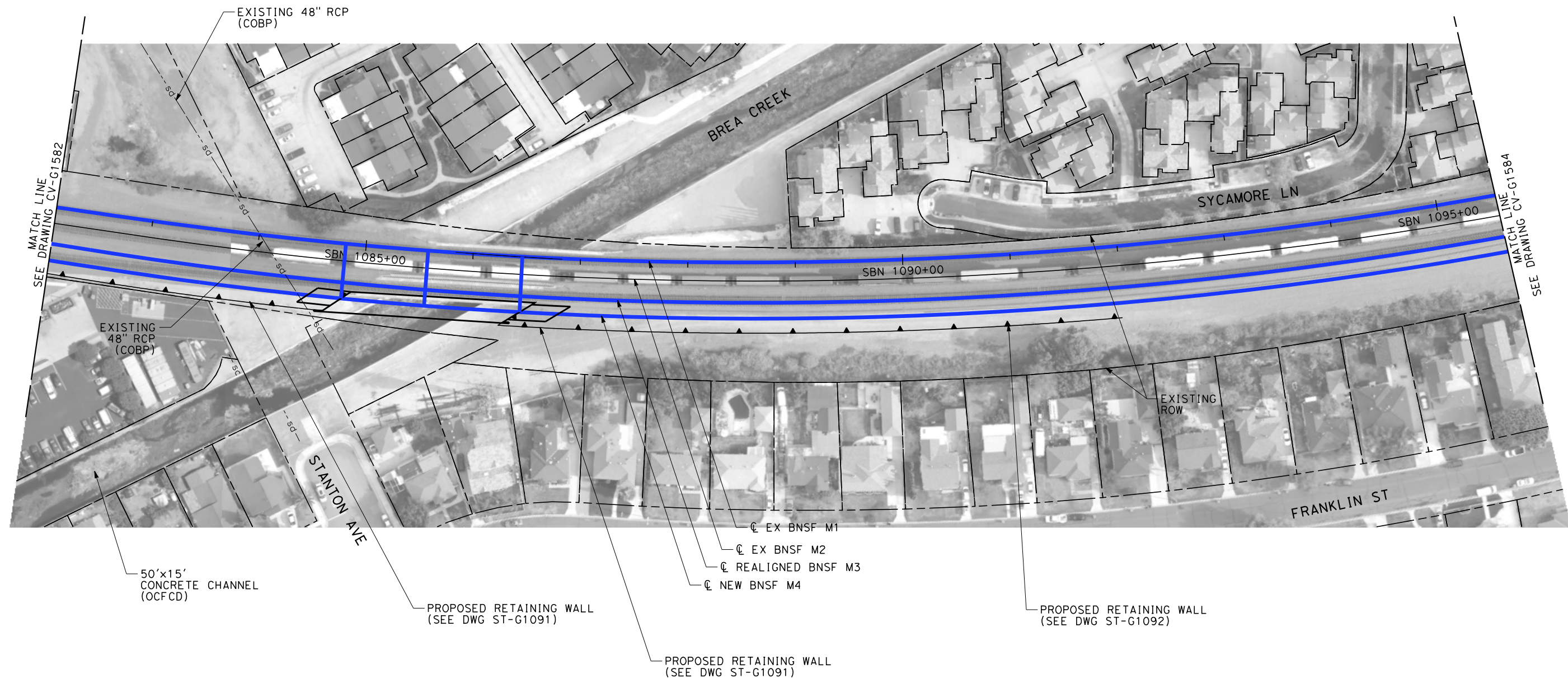
SCALE APPLICABLE FOR FULL SIZE ONLY

						DESIGNED BY R. WONG	PEPD SUBMITTAL FOR INTERNAL USE ONLY  NOT FOR CONSTRUCTION			CALIFORNIA HIGH-SPEED TRAIN PROJECT LOS ANGELES TO ANAHEIM RECORD SET PRELIMINARY ENGINEERING FOR PROJECT DEFINITION GRADING AND DRAINAGE STA SBN 1043+50 TO STA SBN 1057+00	CONTRACT NO. HSR06-0005
						DRAWN BY D. BARRAZA					DRAWING NO. CV-G1580
						CHECKED BY M. SATISH					SCALE 1" = 50'
						IN CHARGE J. SWANSON					SHEET NO.
						DATE 02/28/25					
REV	DATE	BY	CHK	APP	DESCRIPTION						





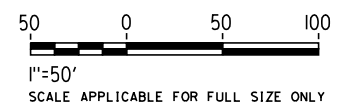




**NOTES:**

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3. FOR RETAINING WALL INFORMATION SEE RETAINING WALL PLANS IN VOLUME 3.2.

NOT FOR CONSTRUCTION  
FOR INTERNAL USE ONLY



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY	R. WONG
DRAWN BY	D. BARRAZA
CHECKED BY	M. SATISH
IN CHARGE	J. SWANSON
DATE	02/28/25

**PEPD  
SUBMITTAL  
FOR INTERNAL  
USE ONLY**

**NOT FOR  
CONSTRUCTION**



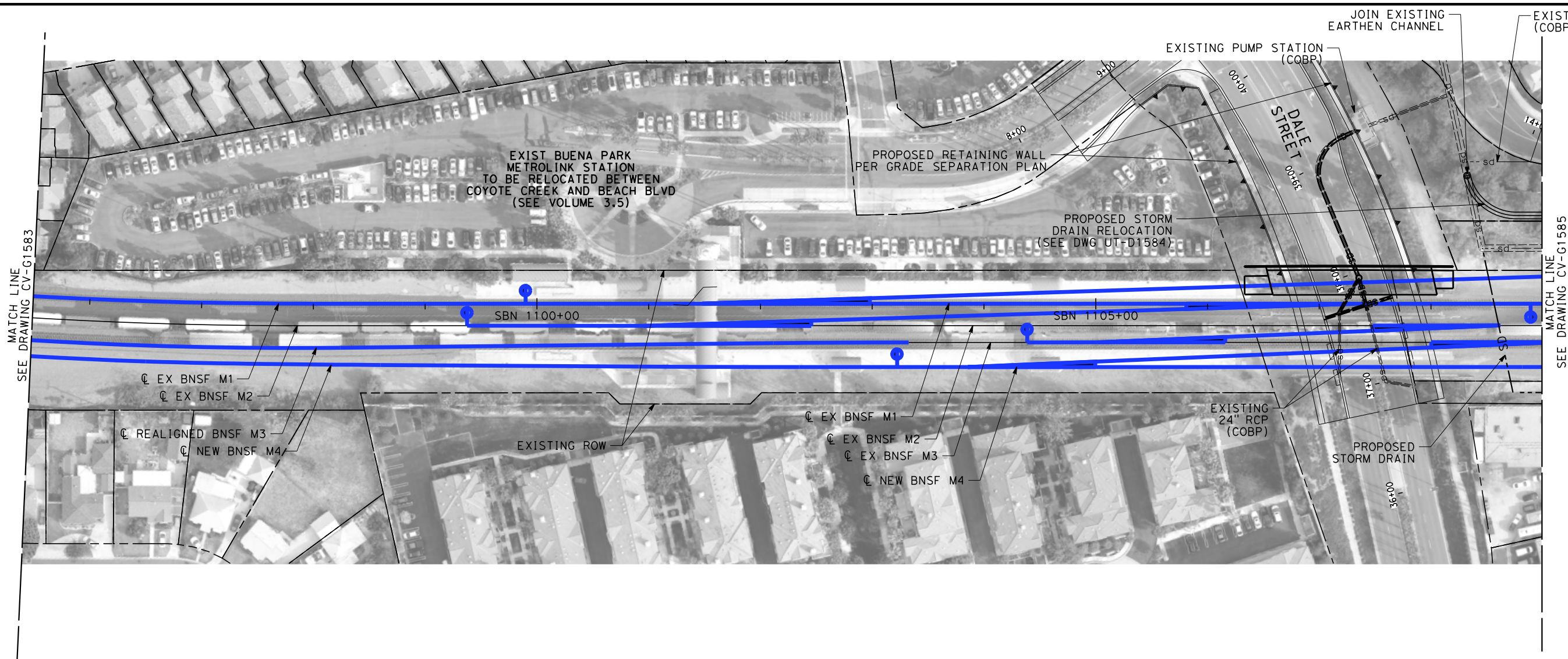
**CALIFORNIA**  
HIGH-SPEED RAIL AUTHORITY

**CALIFORNIA HIGH-SPEED TRAIN PROJECT  
LOS ANGELES TO ANAHEIM**

RECORD SET  
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION  
GRADING AND DRAINAGE  
STA SBN 1082+00 TO STA SBN 1095+50

CONTRACT NO.	HSR06-0005
DRAWING NO.	CV-G1583
SCALE	1" = 50'
SHEET NO.	






NOTES:

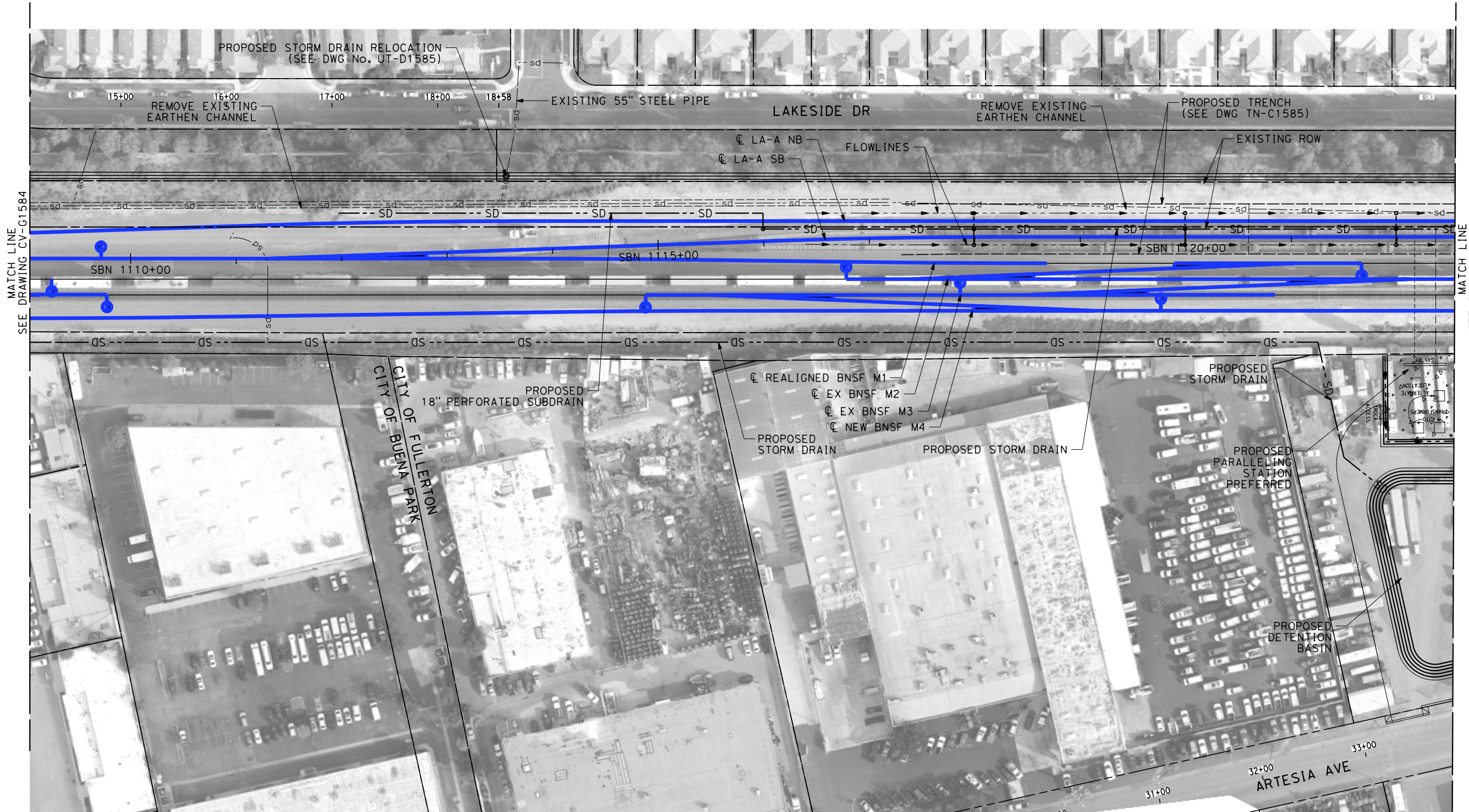
- 1. INTRUSION BARRIER WILL BE PROVIDED AT RAILROAD RIGHT OF WAY.
- 2. CONTOUR GRADING ALONG THE HST TRACKS IS BASED ON THE TOP OF SUBGRADE ELEVATIONS. BALLAST IS NOT INCLUDED.
- 3. FOR RETAINING WALL INFORMATION SEE RETAINING WALL PLANS IN VOLUME 3.2.

NOT FOR CONSTRUCTION  
FOR INTERNAL USE ONLY

50 0 50 100  
1"=50'  
SCALE APPLICABLE FOR FULL SIZE ONLY

\$PLOT \$							DESIGNED BY R. WONG	PEPD SUBMITTAL FOR INTERNAL USE ONLY  NOT FOR CONSTRUCTION	stvr		CALIFORNIA HIGH-SPEED RAIL AUTHORITY	CALIFORNIA HIGH-SPEED TRAIN PROJECT LOS ANGELES TO ANAHEIM RECORD SET PRELIMINARY ENGINEERING FOR PROJECT DEFINITION GRADING AND DRAINAGE STA SBN 1095+50 TO STA SBN 1109+00			CONTRACT NO. HSR06-0005
							DRAWN BY D. BARRAZA								DRAWING NO. CV-G1584
							CHECKED BY M. SATISH								SCALE 1" = 50'
							IN CHARGE J. SWANSON								SHEET NO.
							DATE 02/28/25								
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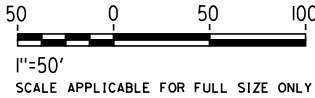






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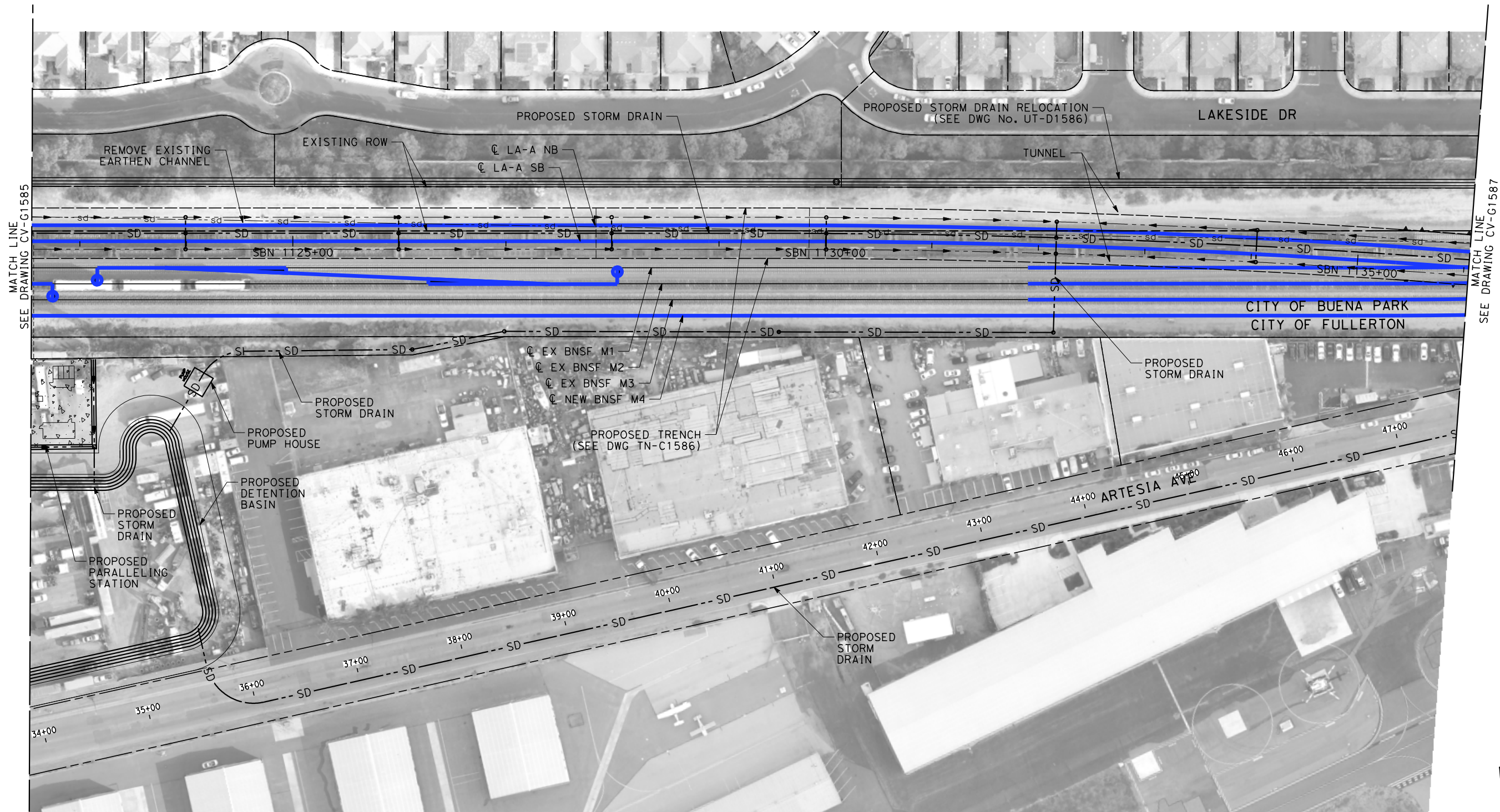
- 1. INTRUSION BARRIER WILL BE PROVIDED AT RAILROAD RIGHT OF WAY.
- 2. CONTOUR GRADING ALONG THE HST TRACKS IS BASED ON THE TOP OF SUBGRADE ELEVATIONS. BALLAST IS NOT INCLUDED.
- 3. FOR RETAINING WALL INFORMATION SEE RETAINING WALL PLANS IN VOLUME 3.2.

NOT FOR CONSTRUCTION  
FOR INTERNAL USE ONLY



						DESIGNED BY R. WONG	PEPD SUBMITTAL FOR INTERNAL USE ONLY  NOT FOR CONSTRUCTION			CALIFORNIA HIGH-SPEED TRAIN PROJECT LOS ANGELES TO ANAHEIM RECORD SET PRELIMINARY ENGINEERING FOR PROJECT DEFINITION GRADING AND DRAINAGE STA SBN 1109+00 TO STA SBN 1122+50	CONTRACT NO. HSR06-0005
						DRAWN BY D. BARRAZA					DRAWING NO. CV-G1585
						CHECKED BY M. SATISH					SCALE 1" = 50'
						IN CHARGE J. SWANSON					SHEET NO.
						DATE 02/28/25					
REV	DATE	BY	CHK	APP	DESCRIPTION						







NOTES:

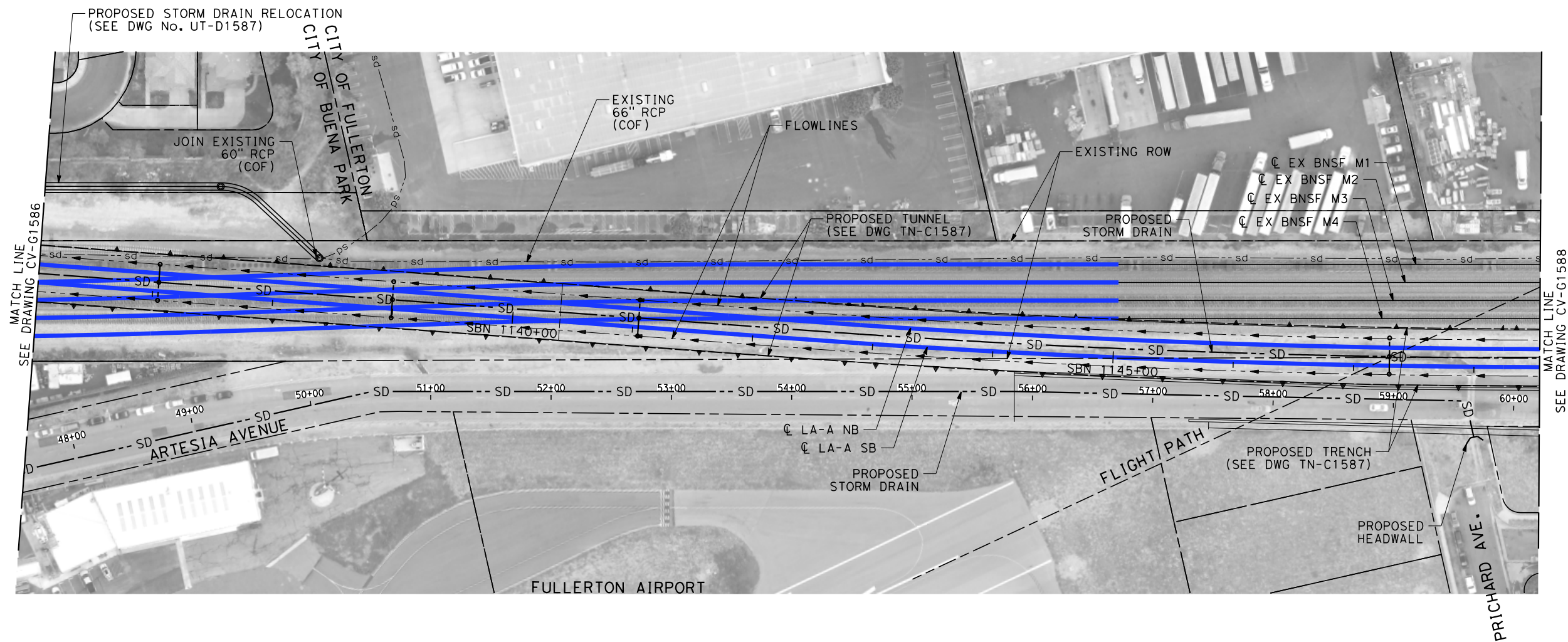
- 1. INTRUSION BARRIER WILL BE PROVIDED AT RAILROAD RIGHT OF WAY.
- 2. CONTOUR GRADING ALONG THE HST TRACKS IS BASED ON THE TOP OF SUBGRADE ELEVATIONS. BALLAST IS NOT INCLUDED.
- 3. FOR RETAINING WALL INFORMATION SEE RETAINING WALL PLANS IN VOLUME 3.2.

NOT FOR CONSTRUCTION  
FOR INTERNAL USE ONLY

50 0 50 100  
1"=50'  
SCALE APPLICABLE FOR FULL SIZE ONLY

\$PLOTS							DESIGNED BY R. WONG	PEPD SUBMITTAL FOR INTERNAL USE ONLY  NOT FOR CONSTRUCTION			CALIFORNIA HIGH-SPEED TRAIN PROJECT LOS ANGELES TO ANAHEIM RECORD SET PRELIMINARY ENGINEERING FOR PROJECT DEFINITION GRADING AND DRAINAGE STA SBN 1122+50 TO STA SBN 1136+00	CONTRACT NO. HSR06-0005
							DRAWN BY D. BARRAZA					DRAWING NO. CV-G1586
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							IN CHARGE J. SWANSON					SHEET NO.
							DATE 02/28/25					
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NOTES:

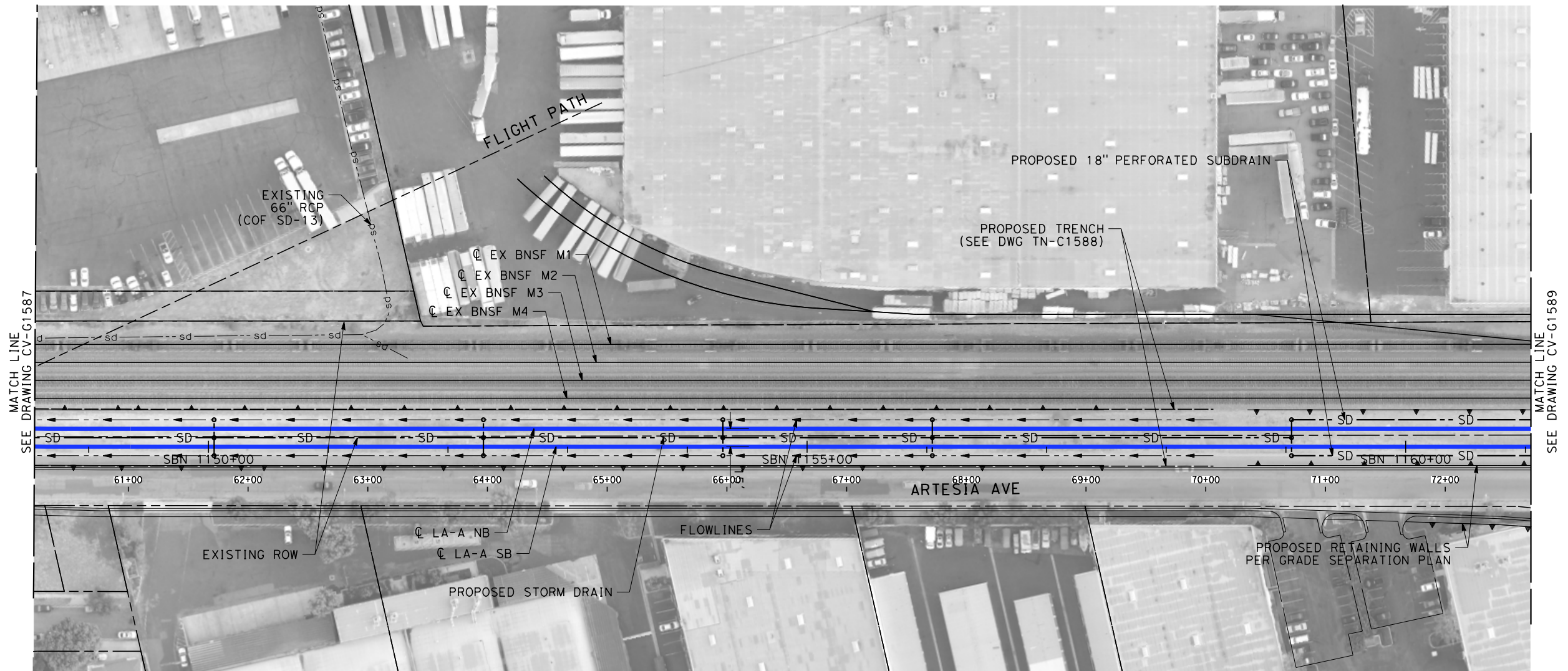
- 1. INTRUSION BARRIER WILL BE PROVIDED AT RAILROAD RIGHT OF WAY.
- 2. CONTOUR GRADING ALONG THE HST TRACKS IS BASED ON THE TOP OF SUBGRADE ELEVATIONS. BALLAST IS NOT INCLUDED.
- 3. FOR RETAINING WALL INFORMATION SEE RETAINING WALL PLANS IN VOLUME 3.2.

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50 0 50 100  
1"=50'  
SCALE APPLICABLE FOR FULL SIZE ONLY

						DESIGNED BY R. WONG	PEPD SUBMITTAL FOR INTERNAL USE ONLY  NOT FOR CONSTRUCTION			CALIFORNIA HIGH-SPEED TRAIN PROJECT LOS ANGELES TO ANAHEIM RECORD SET PRELIMINARY ENGINEERING FOR PROJECT DEFINITION GRADING AND DRAINAGE STA SBN 1136+00 TO STA SBN 1148+50	CONTRACT NO. HSR06-0005
						DRAWN BY D. BARRAZA					DRAWING NO. CV-G1587
						CHECKED BY M. SATISH					SCALE 1" = 50'
						IN CHARGE J. SWANSON DATE 02/28/25					SHEET NO.
REV	DATE	BY	CHK	APP	DESCRIPTION						

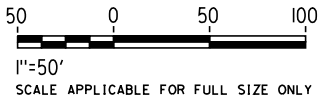






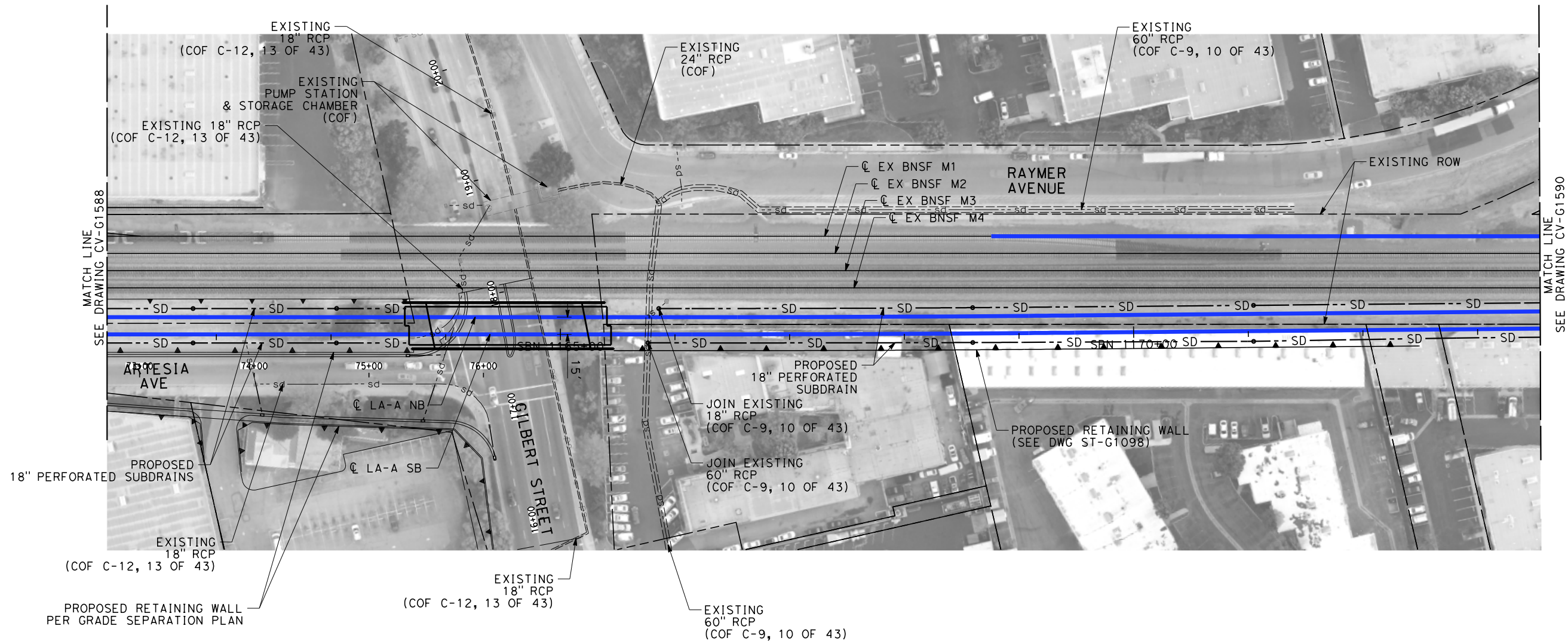
NOTES:

- 1. INTRUSION BARRIER WILL BE PROVIDED AT RAILROAD RIGHT OF WAY.
- 2. CONTOUR GRADING ALONG THE HST TRACKS IS BASED ON THE TOP OF SUBGRADE ELEVATIONS. BALLAST IS NOT INCLUDED.
- 3. FOR RETAINING WALL INFORMATION SEE RETAINING WALL PLANS IN VOLUME 3.2.

NOT FOR CONSTRUCTION  
FOR INTERNAL USE ONLY



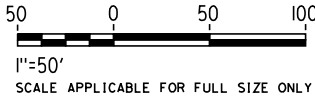
\$PLOTS							DESIGNED BY R. WONG	PEPD SUBMITTAL FOR INTERNAL USE ONLY  NOT FOR CONSTRUCTION			CALIFORNIA HIGH-SPEED TRAIN PROJECT LOS ANGELES TO ANAHEIM RECORD SET PRELIMINARY ENGINEERING FOR PROJECT DEFINITION GRADING AND DRAINAGE STA SBN 1148+50 TO STA SBN 1161+00	CONTRACT NO. HSR06-0005
							DRAWN BY D. BARRAZA					DRAWING NO. CV-G1588
							CHECKED BY M. SATISH					SCALE 1" = 50'
							IN CHARGE J. SWANSON					SHEET NO.
							DATE 02/28/25					
	REV	DATE	BY	CHK	APP	DESCRIPTION						





NOTES:

1. INTRUSION BARRIER WILL BE PROVIDED AT RAILROAD RIGHT OF WAY.
2. CONTOUR GRADING ALONG THE HST TRACKS IS BASED ON THE TOP OF SUBGRADE ELEVATIONS. BALLAST IS NOT INCLUDED.
3. FOR RETAINING WALL INFORMATION SEE RETAINING WALL PLANS IN VOLUME 3.2.

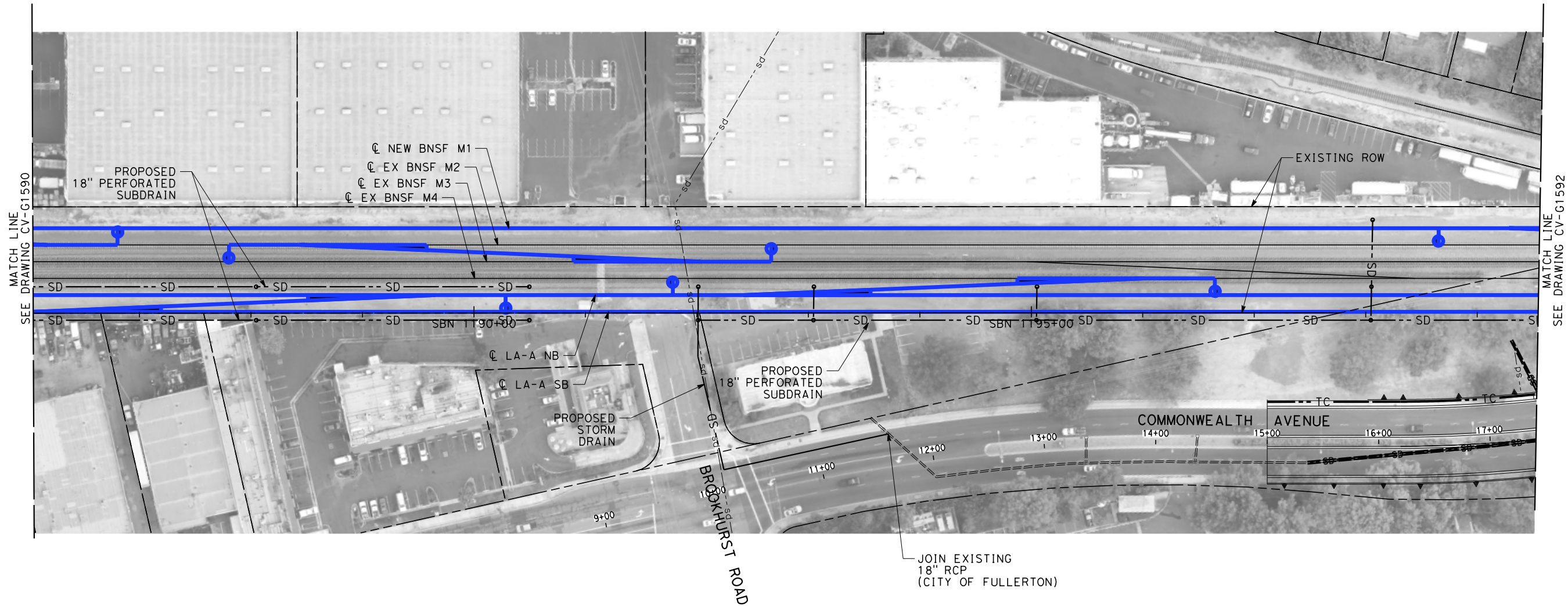
NOT FOR CONSTRUCTION  
FOR INTERNAL USE ONLY



						DESIGNED BY R. WONG	PEPD SUBMITTAL FOR INTERNAL USE ONLY  NOT FOR CONSTRUCTION			CALIFORNIA HIGH-SPEED TRAIN PROJECT LOS ANGELES TO ANAHEIM RECORD SET PRELIMINARY ENGINEERING FOR PROJECT DEFINITION GRADING AND DRAINAGE STA SBN 1161+00 TO STA SBN 1173+50	CONTRACT NO. HSR06-0005
						DRAWN BY D. BARRAZA					DRAWING NO. CV-G1589
						CHECKED BY M. SATISH					SCALE 1" = 50'
						IN CHARGE J. SWANSON					SHEET NO.
						DATE 02/28/25					
REV	DATE	BY	CHK	APP	DESCRIPTION						





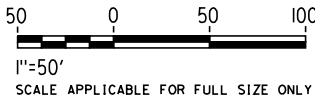




NOTES:

- 1. INTRUSION BARRIER WILL BE PROVIDED AT RAILROAD RIGHT OF WAY.
- 2. CONTOUR GRADING ALONG THE HST TRACKS IS BASED ON THE TOP OF SUBGRADE ELEVATIONS. BALLAST IS NOT INCLUDED.
- 3. FOR RETAINING WALL INFORMATION SEE RETAINING WALL PLANS IN VOLUME 3.2.

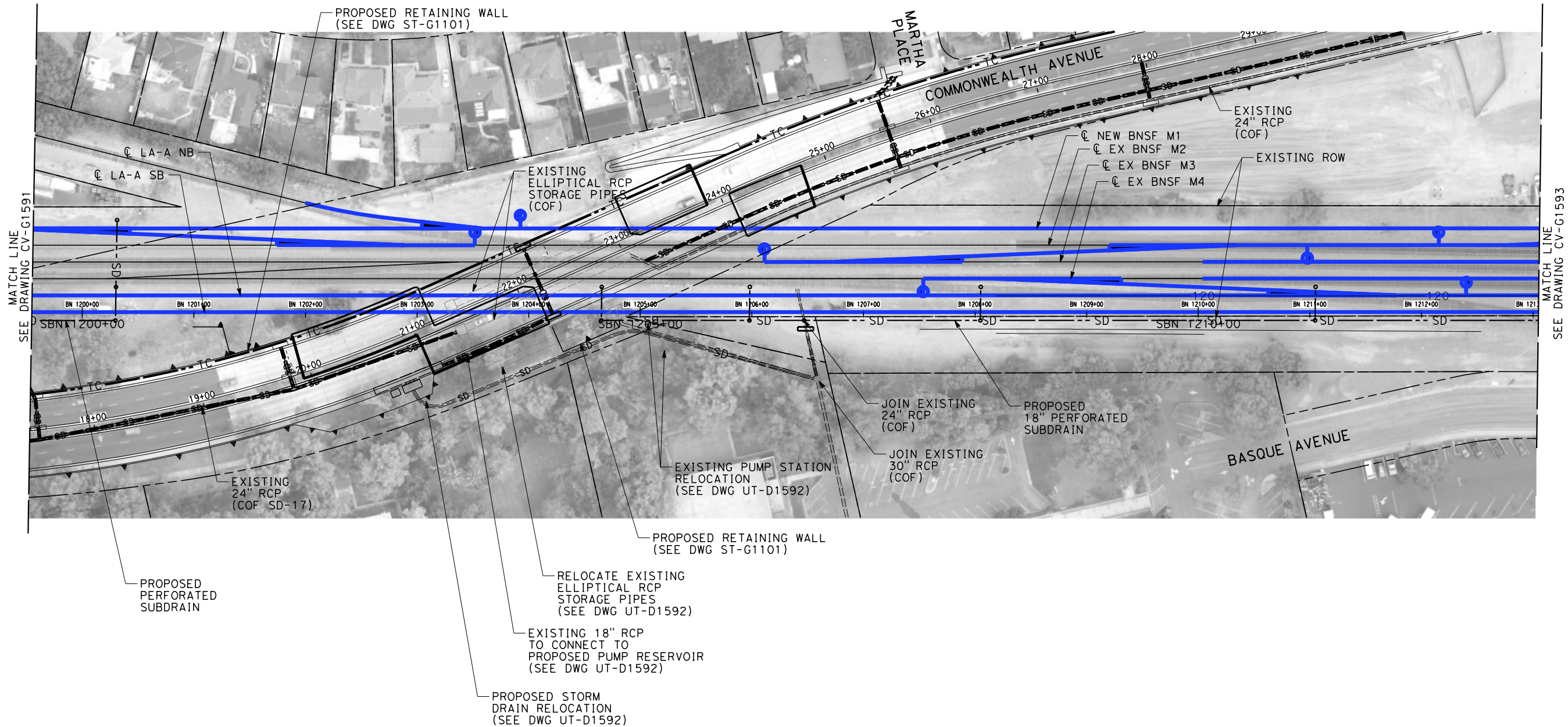
1187+00

NOT FOR CONSTRUCTION  
FOR INTERNAL USE ONLY



						DESIGNED BY R. WONG	PEPD SUBMITTAL FOR INTERNAL USE ONLY  NOT FOR CONSTRUCTION			CALIFORNIA HIGH-SPEED TRAIN PROJECT LOS ANGELES TO ANAHEIM RECORD SET PRELIMINARY ENGINEERING FOR PROJECT DEFINITION GRADING AND DRAINAGE STA SBN 1186+00 TO STA SBN 1199+50	CONTRACT NO. HSR06-0005
						DRAWN BY D. BARRAZA					DRAWING NO. CV-G1591
						CHECKED BY M. SATISH					SCALE 1" = 50'
						IN CHARGE J. SWANSON					SHEET NO.
						DATE 02/28/25					
REV	DATE	BY	CHK	APP	DESCRIPTION						

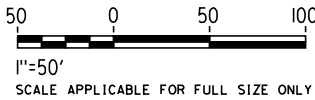




NOTES:

- INTRUSION BARRIER WILL BE PROVIDED AT RAILROAD RIGHT OF WAY.
- CONTOUR GRADING ALONG THE HST TRACKS IS BASED ON THE TOP OF SUBGRADE ELEVATIONS. BALLAST IS NOT INCLUDED.
- FOR RETAINING WALL INFORMATION SEE RETAINING WALL PLANS IN VOLUME 3.2.

NOT FOR CONSTRUCTION  
FOR INTERNAL USE ONLY



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY R. WONG
DRAWN BY D. BARRAZA
CHECKED BY M. SATISH
IN CHARGE J. SWANSON
DATE 02/28/25

PEPD  
SUBMITTAL  
FOR INTERNAL  
USE ONLY

NOT FOR  
CONSTRUCTION

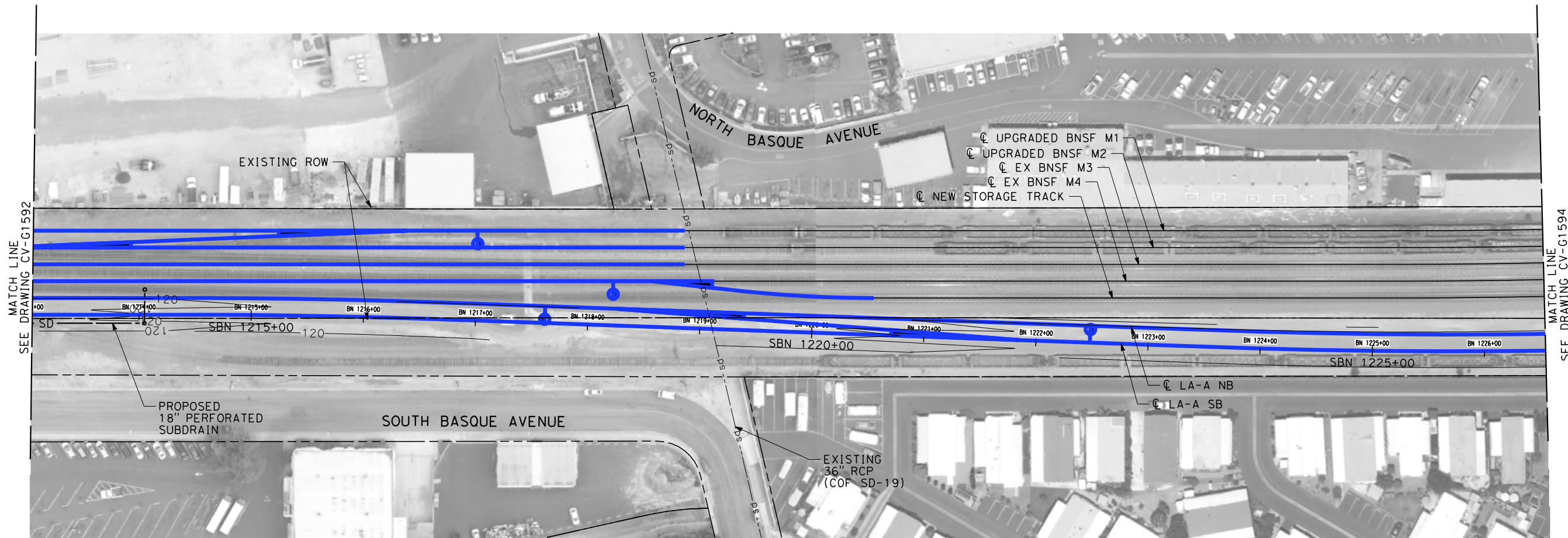


CALIFORNIA  
HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT  
LOS ANGELES TO ANAHEIM

RECORD SET  
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION  
GRADING AND DRAINAGE  
STA SBN 1199+50 TO STA SBN 1213+00

CONTRACT NO. HSR06-0005
DRAWING NO. CV-G1592
SCALE 1" = 50'
SHEET NO.



NOTES:


- 1. INTRUSION BARRIER WILL BE PROVIDED AT RAILROAD RIGHT OF WAY.
- 2. CONTOUR GRADING ALONG THE HST TRACKS IS BASED ON THE TOP OF SUBGRADE ELEVATIONS. BALLAST IS NOT INCLUDED.
- 3. FOR RETAINING WALL INFORMATION SEE RETAINING WALL PLANS IN VOLUME 3.2.

NOT FOR CONSTRUCTION  
FOR INTERNAL USE ONLY

50050100

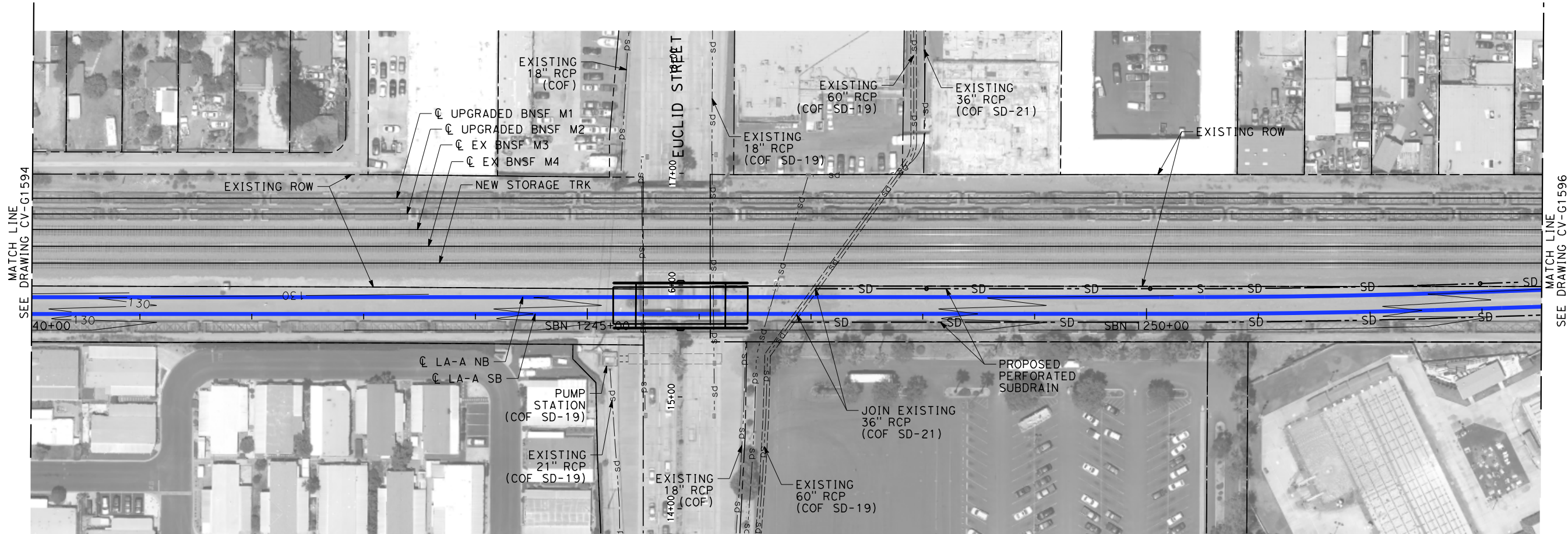
1"=50'

SCALE APPLICABLE FOR FULL SIZE ONLY

\$PLOTS							DESIGNED BY R. WONG	PEPD SUBMITTAL FOR INTERNAL USE ONLY  NOT FOR CONSTRUCTION	<div>stvrail</div> <div>CALIFORNIA HIGH-SPEED RAIL AUTHORITY</div>	<b>CALIFORNIA HIGH-SPEED TRAIN PROJECT LOS ANGELES TO ANAHEIM</b> RECORD SET PRELIMINARY ENGINEERING FOR PROJECT DEFINITION GRADING AND DRAINAGE STA SBN 1213+00 TO STA SBN 1226+50		CONTRACT NO. HSR06-0005
						DRAWN BY D. BARRAZA	DRAWING NO. CV-G1593					
						CHECKED BY M. SATISH	SCALE 1" = 50'					
						IN CHARGE J. SWANSON	SHEET NO.					
						DATE 02/28/25						
	REV	DATE	BY	CHK	APP	DESCRIPTION						

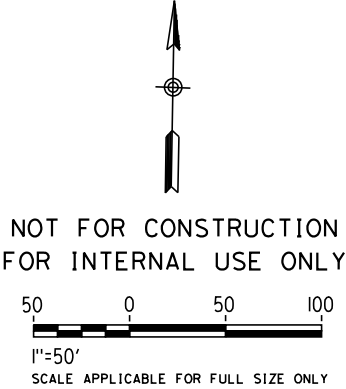








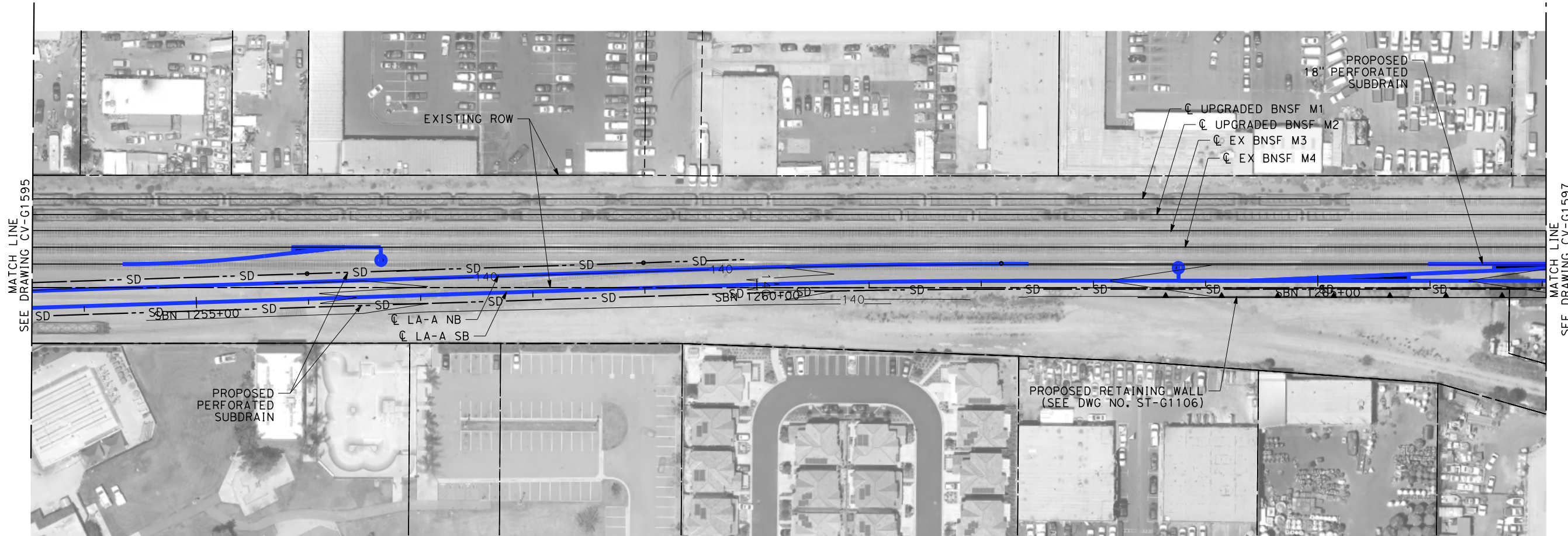
NOTES:

- 1. INTRUSION BARRIER WILL BE PROVIDED AT RAILROAD RIGHT OF WAY.
- 2. CONTOUR GRADING ALONG THE HST TRACKS IS BASED ON THE TOP OF SUBGRADE ELEVATIONS. BALLAST IS NOT INCLUDED.
- 3. FOR RETAINING WALL INFORMATION SEE RETAINING WALL PLANS IN VOLUME 3.2.



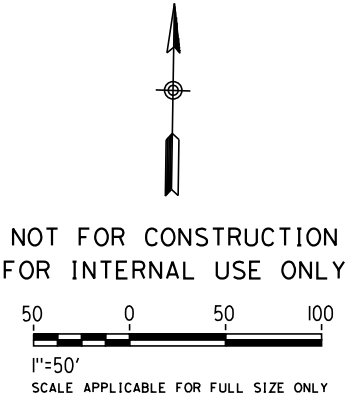
\$	PLOT	\$						DESIGNED BY R. WONG	PEPD SUBMITTAL FOR INTERNAL USE ONLY  NOT FOR CONSTRUCTION			CALIFORNIA HIGH-SPEED TRAIN PROJECT LOS ANGELES TO ANAHEIM RECORD SET PRELIMINARY ENGINEERING FOR PROJECT DEFINITION GRADING AND DRAINAGE STA SBN 1240+00 TO STA SBN 1253+50	CONTRACT NO. HSR06-0005
								DRAWN BY D. BARRAZA					DRAWING NO. CV-G1595
								CHECKED BY M. SATISH					SCALE 1" = 50'
								IN CHARGE J. SWANSON					SHEET NO.
								DATE 02/28/25					
			REV	DATE	BY	CHK	APP	DESCRIPTION					





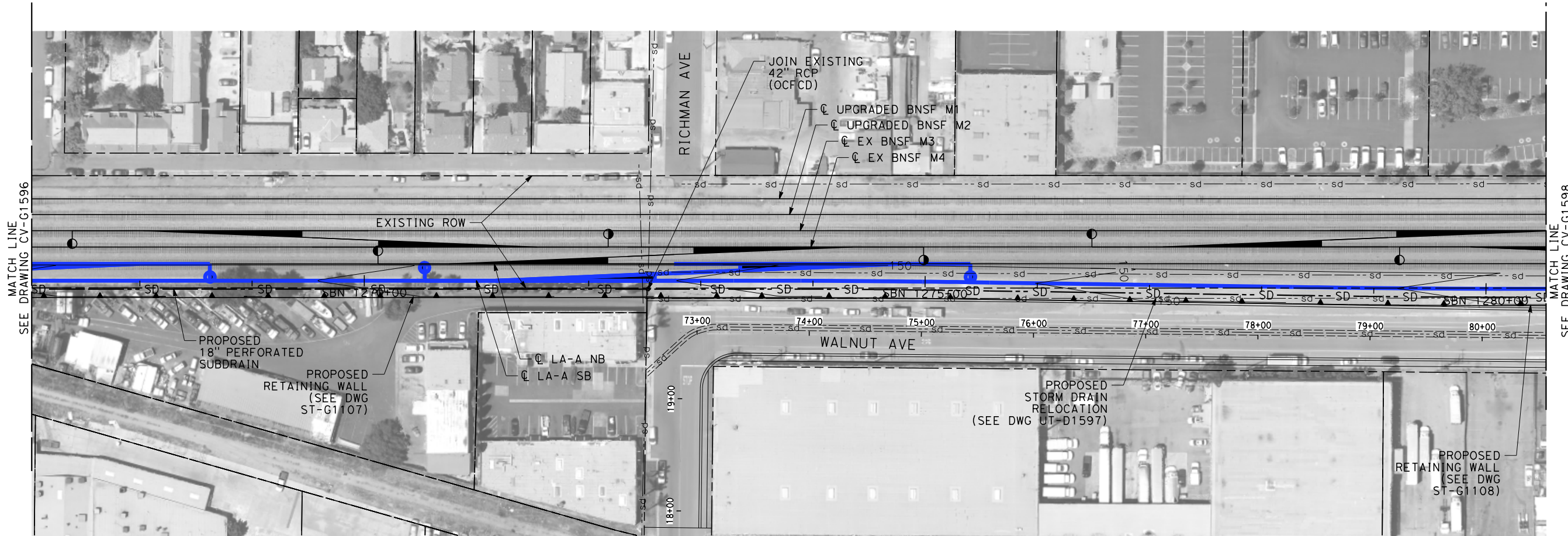


NOTES:

- 1. INTRUSION BARRIER WILL BE PROVIDED AT RAILROAD RIGHT OF WAY.
- 2. CONTOUR GRADING ALONG THE HST TRACKS IS BASED ON THE TOP OF SUBGRADE ELEVATIONS. BALLAST IS NOT INCLUDED.
- 3. FOR RETAINING WALL INFORMATION SEE RETAINING WALL PLANS IN VOLUME 3.2.

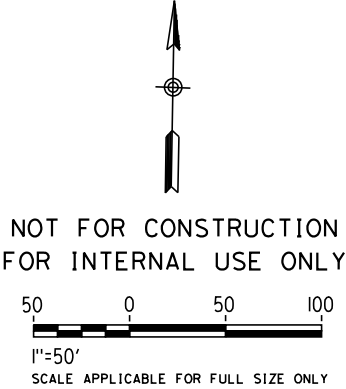



						DESIGNED BY R. WONG	PEPD SUBMITTAL FOR INTERNAL USE ONLY  NOT FOR CONSTRUCTION			CALIFORNIA HIGH-SPEED TRAIN PROJECT LOS ANGELES TO ANAHEIM RECORD SET PRELIMINARY ENGINEERING FOR PROJECT DEFINITION GRADING AND DRAINAGE STA SBN 1253+50 TO STA SBN 1267+00	CONTRACT NO. HSR06-0005
						DRAWN BY D. BARRAZA					DRAWING NO. CV-G1596
						CHECKED BY M. SATISH					SCALE 1" = 50'
						IN CHARGE J. SWANSON					SHEET NO.
						DATE 02/28/25					
REV	DATE	BY	CHK	APP	DESCRIPTION						



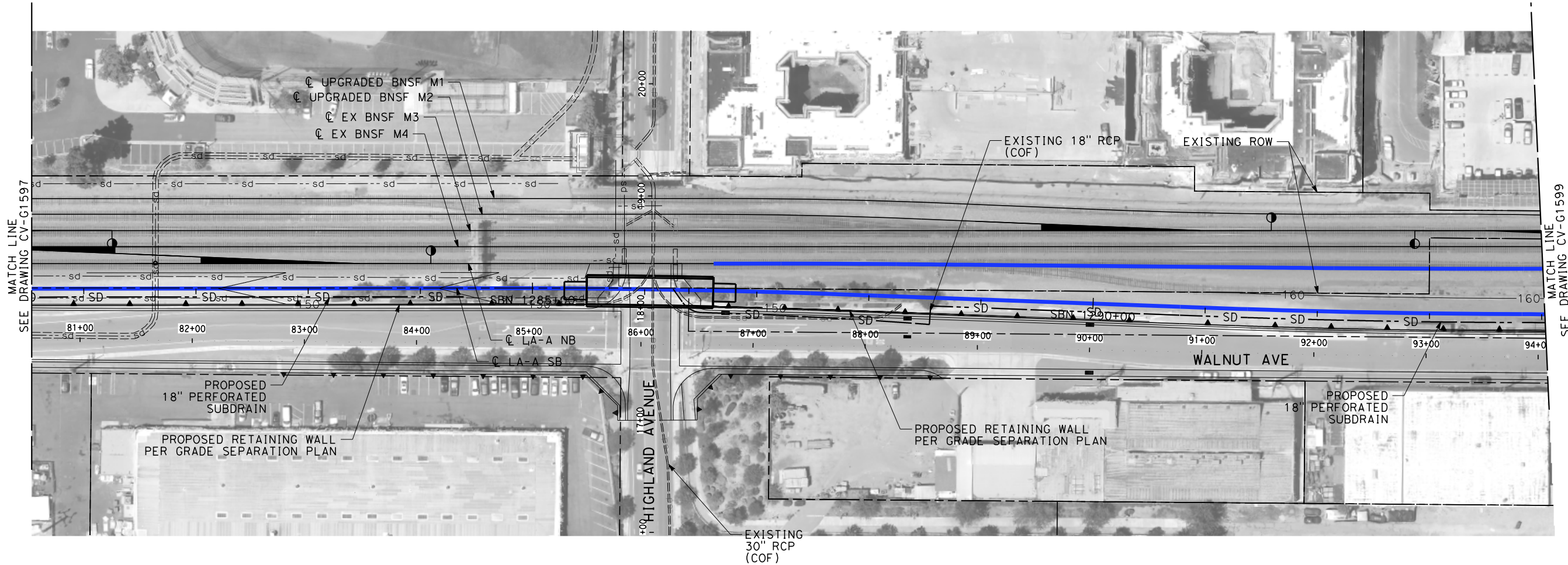
NOTES:

- 1. INTRUSION BARRIER WILL BE PROVIDED AT RAILROAD RIGHT OF WAY.
- 2. CONTOUR GRADING ALONG THE HST TRACKS IS BASED ON THE TOP OF SUBGRADE ELEVATIONS. BALLAST IS NOT INCLUDED.
- 3. FOR RETAINING WALL INFORMATION SEE RETAINING WALL PLANS IN VOLUME 3.2.



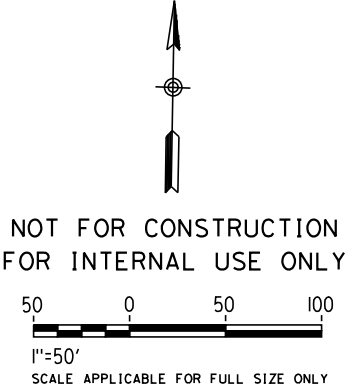
\$PLot\$							DESIGNED BY R. WONG	PEPD SUBMITTAL FOR INTERNAL USE ONLY  NOT FOR CONSTRUCTION	stvr	 CALIFORNIA HIGH-SPEED RAIL AUTHORITY	CALIFORNIA HIGH-SPEED TRAIN PROJECT LOS ANGELES TO ANAHEIM RECORD SET PRELIMINARY ENGINEERING FOR PROJECT DEFINITION GRADING AND DRAINAGE STA SBN 1267+00 TO STA SBN 1280+50	CONTRACT NO. HSR06-0005
							DRAWN BY D. BARRAZA					DRAWING NO. CV-G1597
							CHECKED BY M. SATISH					SCALE 1" = 50'
							IN CHARGE J. SWANSON					SHEET NO.
							DATE 02/28/25					
	REV	DATE	BY	CHK	APP	DESCRIPTION						





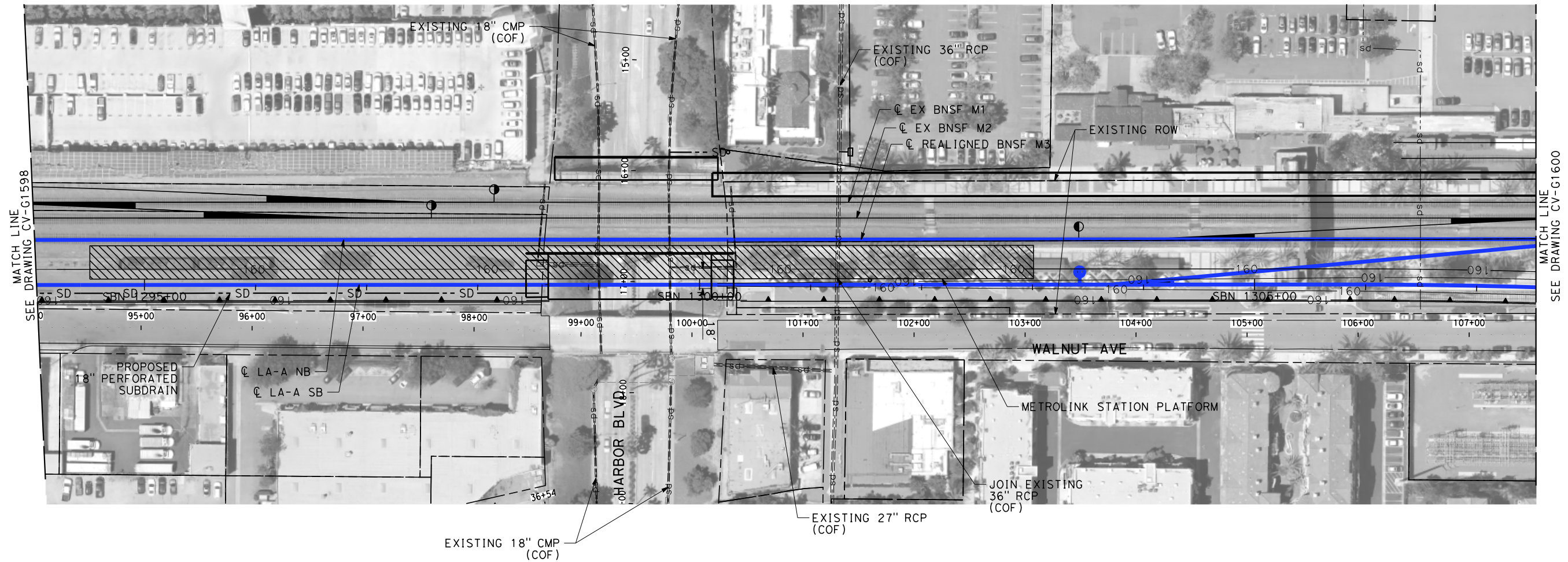


NOTES:

- 1. INTRUSION BARRIER WILL BE PROVIDED AT RAILROAD RIGHT OF WAY.
- 2. CONTOUR GRADING ALONG THE HST TRACKS IS BASED ON THE TOP OF SUBGRADE ELEVATIONS. BALLAST IS NOT INCLUDED.
- 3. FOR RETAINING WALL INFORMATION SEE RETAINING WALL PLANS IN VOLUME 3.2.

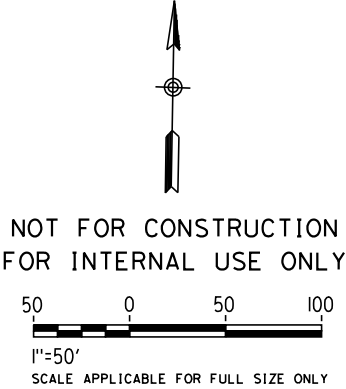




\$	PLOT						DESIGNED BY R. WONG	PEPD SUBMITTAL FOR INTERNAL USE ONLY  NOT FOR CONSTRUCTION			CALIFORNIA HIGH-SPEED TRAIN PROJECT LOS ANGELES TO ANAHEIM RECORD SET PRELIMINARY ENGINEERING FOR PROJECT DEFINITION GRADING AND DRAINAGE STA SBN 1280+50 TO STA SBN 1294+00	CONTRACT NO. HSR06-0005
							DRAWN BY D. BARRAZA					DRAWING NO. CV-G1598
							CHECKED BY M. SATISH					SCALE 1" = 50'
							IN CHARGE J. SWANSON					SHEET NO.
							DATE 02/28/25					
		REV	DATE	BY	CHK	APP	DESCRIPTION					



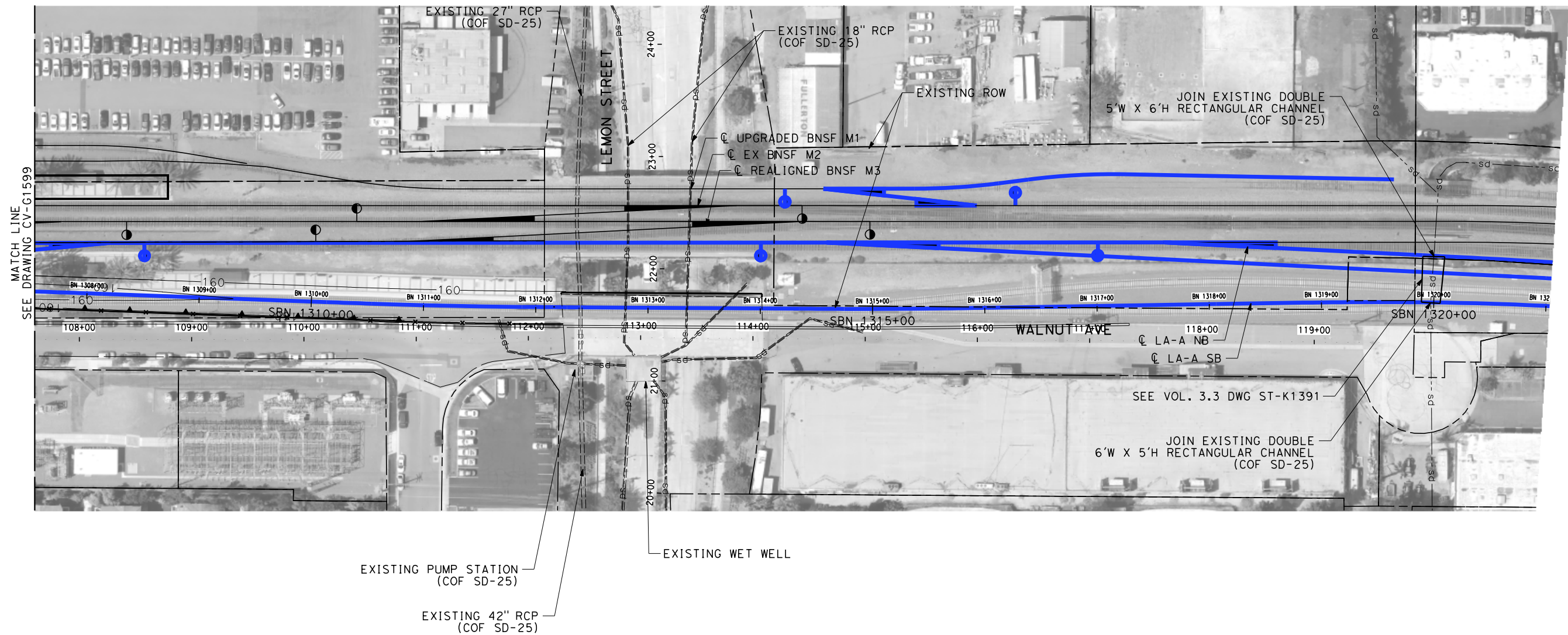
NOTES:

- 1. INTRUSION BARRIER WILL BE PROVIDED AT RAILROAD RIGHT OF WAY.
- 2. CONTOUR GRADING ALONG THE HST TRACKS IS BASED ON THE TOP OF SUBGRADE ELEVATIONS. BALLAST IS NOT INCLUDED.
- 3. FOR RETAINING WALL INFORMATION SEE RETAINING WALL PLANS IN VOLUME 3.2.



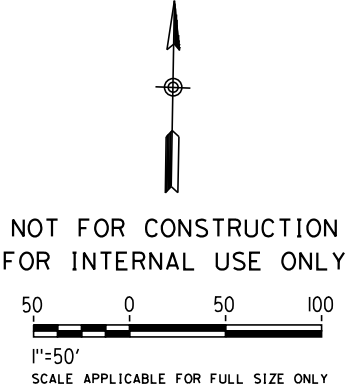
\$PLOT \$							DESIGNED BY R. WONG	PEPD SUBMITTAL FOR INTERNAL USE ONLY  NOT FOR CONSTRUCTION			CALIFORNIA HIGH-SPEED TRAIN PROJECT LOS ANGELES TO ANAHEIM RECORD SET PRELIMINARY ENGINEERING FOR PROJECT DEFINITION GRADING AND DRAINAGE STA SBN 1294+00 TO STA SBN 1307+50	CONTRACT NO. HSR06-0005
							DRAWN BY D. BARRAZA					DRAWING NO. CV-G1599
							CHECKED BY M. SATISH					SCALE 1" = 50'
							IN CHARGE J. SWANSON					SHEET NO.
							DATE 02/28/25					
	REV	DATE	BY	CHK	APP	DESCRIPTION						





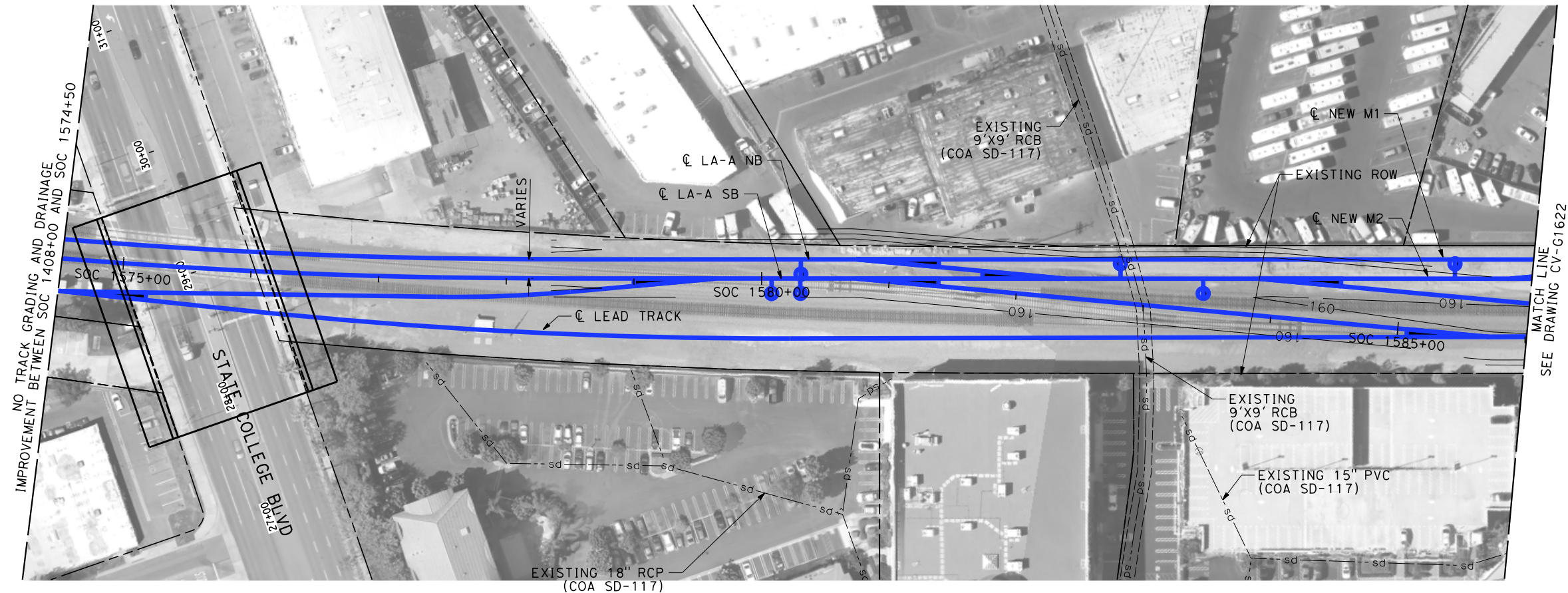


NOTES:

- 1. INTRUSION BARRIER WILL BE PROVIDED AT RAILROAD RIGHT OF WAY.
- 2. CONTOUR GRADING ALONG THE HST TRACKS IS BASED ON THE TOP OF SUBGRADE ELEVATIONS. BALLAST IS NOT INCLUDED.
- 3. FOR RETAINING WALL INFORMATION SEE RETAINING WALL PLANS IN VOLUME 3.2.



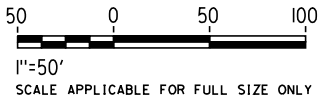
\$PLOTS							DESIGNED BY R. WONG	PEPD SUBMITTAL FOR INTERNAL USE ONLY  NOT FOR CONSTRUCTION			CALIFORNIA HIGH-SPEED TRAIN PROJECT LOS ANGELES TO ANAHEIM RECORD SET PRELIMINARY ENGINEERING FOR PROJECT DEFINITION GRADING AND DRAINAGE STA SBN 1307+50 TO STA SBN 1321+00	CONTRACT NO. HSR06-0005
							DRAWN BY D. BARRAZA					DRAWING NO. CV-G1600
							CHECKED BY M. SATISH					SCALE 1" = 50'
							IN CHARGE J. SWANSON					SHEET NO.
							DATE 02/28/25					
	REV	DATE	BY	CHK	APP	DESCRIPTION						




NOTES:

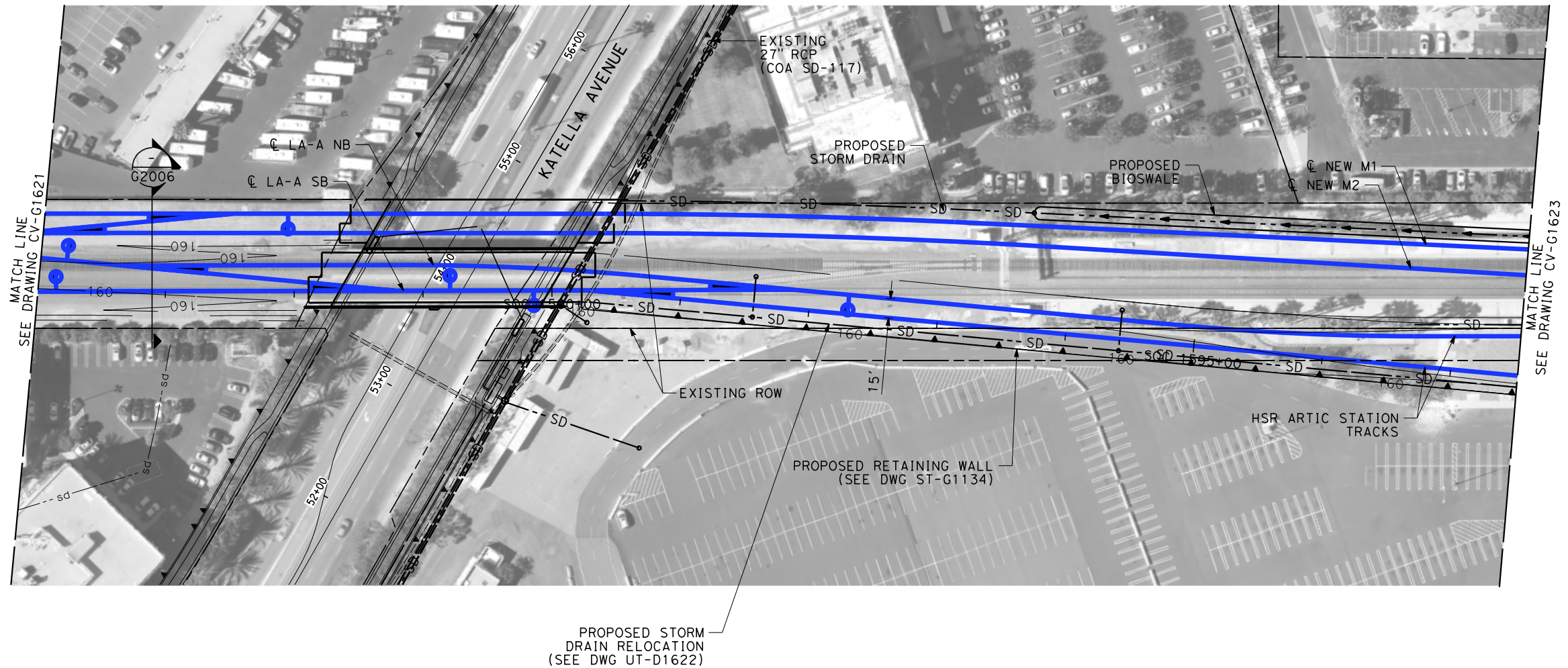
- 1. INTRUSION BARRIER WILL BE PROVIDED AT RAILROAD RIGHT OF WAY.
- 2. CONTOUR GRADING ALONG THE HST TRACKS IS BASED ON THE TOP OF SUBGRADE ELEVATIONS. BALLAST IS NOT INCLUDED.
- 3. FOR RETAINING WALL INFORMATION SEE RETAINING WALL PLANS IN VOLUME 3.2.

NOT FOR CONSTRUCTION  
FOR INTERNAL USE ONLY



						DESIGNED BY R. WONG	<div>PEPD SUBMITTAL FOR INTERNAL USE ONLY</div> <div>NOT FOR CONSTRUCTION</div>	<div>stv</div>	<div><div>CALIFORNIA HIGH-SPEED RAIL AUTHORITY</div></div>	<div>CALIFORNIA HIGH-SPEED TRAIN PROJECT LOS ANGELES TO ANAHEIM</div> <div>RECORD SET</div> <div>PRELIMINARY ENGINEERING FOR PROJECT DEFINITION GRADING AND DRAINAGE</div> <div>STA SOC 1574+50 TO STA SOC 1586+00</div>			CONTRACT NO. HSR06-0005
						DRAWN BY D. BARRAZA				DRAWING NO. CV-G1621			
						CHECKED BY M. SATISH				SCALE 1" = 50'			
						IN CHARGE J. SWANSON				SHEET NO.			
						DATE 02/28/25							



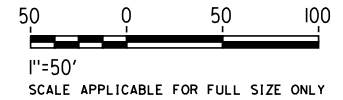




PROPOSED STORM  
DRAIN RELOCATION  
(SEE DWG UT-D1622)

NOTES:

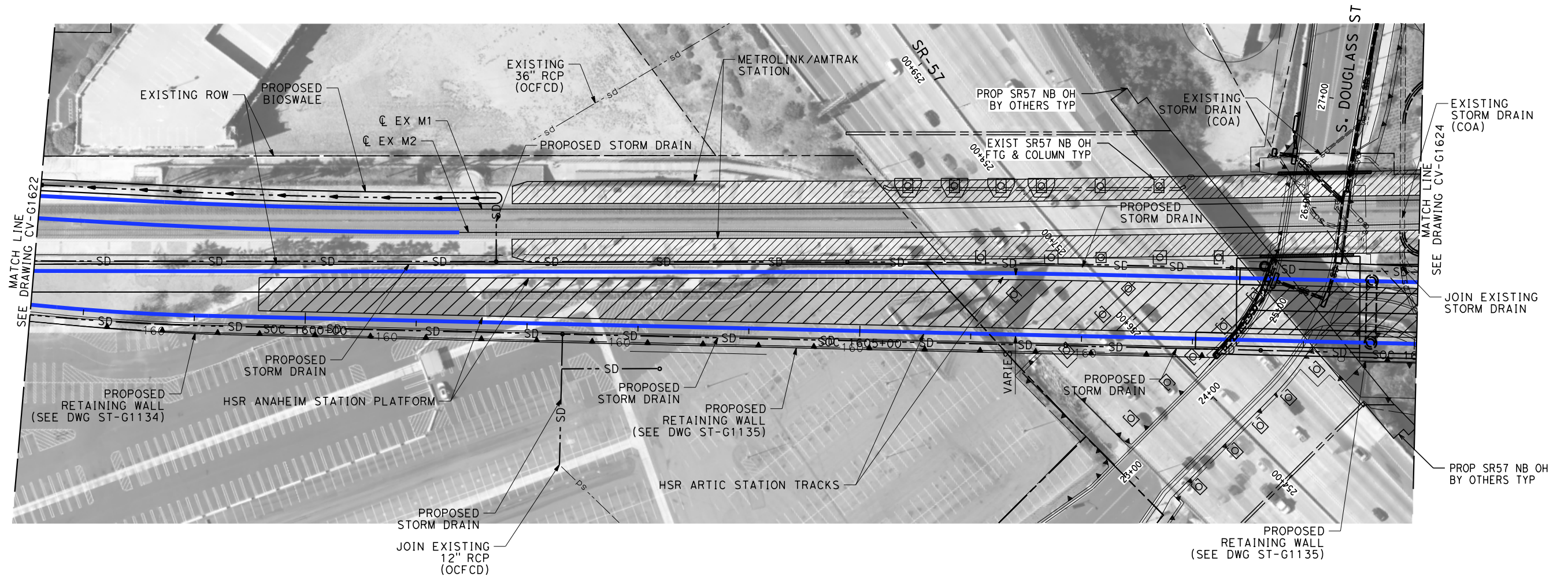
1. INTRUSION BARRIER WILL BE PROVIDED AT RAILROAD RIGHT OF WAY.
2. CONTOUR GRADING ALONG THE HST TRACKS IS BASED ON THE TOP OF SUBGRADE ELEVATIONS. BALLAST IS NOT INCLUDED.
3. FOR RETAINING WALL INFORMATION SEE RETAINING WALL PLANS IN VOLUME 3.2.

NOT FOR CONSTRUCTION  
FOR INTERNAL USE ONLY



\$/LOT \$							DESIGNED BY R. WONG	PEPD SUBMITTAL FOR INTERNAL USE ONLY  NOT FOR CONSTRUCTION			CALIFORNIA HIGH-SPEED TRAIN PROJECT LOS ANGELES TO ANAHEIM RECORD SET PRELIMINARY ENGINEERING FOR PROJECT DEFINITION GRADING AND DRAINAGE STA SOC 1586+00 TO STA SOC 1597+50	CONTRACT NO. HSR06-0005
							DRAWN BY D. BARRAZA					DRAWING NO. CV-G1622
							CHECKED BY M. SATISH					SCALE 1" = 50'
							IN CHARGE J. SWANSON					SHEET NO.
							DATE 02/28/25					
	REV	DATE	BY	CHK	APP	DESCRIPTION						

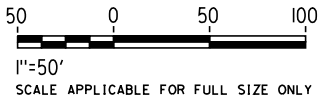






NOTES:

- INTRUSION BARRIER WILL BE PROVIDED AT RAILROAD RIGHT OF WAY.
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- FOR RETAINING WALL INFORMATION SEE RETAINING WALL PLANS IN VOLUME 3.2.

NOT FOR CONSTRUCTION  
FOR INTERNAL USE ONLY



						DESIGNED BY R. WONG	PEPD SUBMITTAL FOR INTERNAL USE ONLY  NOT FOR CONSTRUCTION			CALIFORNIA HIGH-SPEED TRAIN PROJECT LOS ANGELES TO ANAHEIM RECORD SET PRELIMINARY ENGINEERING FOR PROJECT DEFINITION GRADING AND DRAINAGE STA SOC 1597+50 TO STA SOC 1610+00	CONTRACT NO. HSR06-0005
						DRAWN BY D. BARRAZA					DRAWING NO. CV-G1623
						CHECKED BY M. SATISH					SCALE 1" = 50'
						IN CHARGE J. SWANSON					SHEET NO.
						DATE 02/28/25					
REV	DATE	BY	CHK	APP	DESCRIPTION						

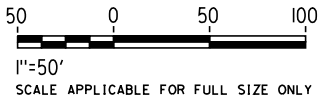






NOTES:

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- 2. CONTOUR GRADING ALONG THE HST TRACKS IS BASED ON THE TOP OF SUBGRADE ELEVATIONS. BALLAST IS NOT INCLUDED.
- 3. FOR RETAINING WALL INFORMATION SEE RETAINING WALL PLANS IN VOLUME 3.2.

NOT FOR CONSTRUCTION  
FOR INTERNAL USE ONLY



\$PLOT \$						DESIGNED BY R. WONG	PEPD SUBMITTAL FOR INTERNAL USE ONLY  NOT FOR CONSTRUCTION			CALIFORNIA HIGH-SPEED TRAIN PROJECT LOS ANGELES TO ANAHEIM RECORD SET PRELIMINARY ENGINEERING FOR PROJECT DEFINITION GRADING AND DRAINAGE STA SOC 1610+00 TO STA SOC 1613+68	CONTRACT NO. HSR06-0005
						DRAWN BY D. BARRAZA					DRAWING NO. CV-G1624
						CHECKED BY M. SATISH					SCALE 1" = 50'
						IN CHARGE J. SWANSON					SHEET NO.
						DATE 02/28/25					
	REV	DATE	BY	CHK	APP	DESCRIPTION					







1. PROPOSED FEED FROM UTILITY COMPANY SUBSTATION TO HSR SUBSTATION IS PRELIMINARY AND FOR ENVIRONMENTAL CLEARANCE PURPOSES ONLY.

2. A UNDERGROUND AND ABOVEGROUND OPTION ARE BOTH SHOWN. ACTUAL CAPACITY, SIZE, ROUTING, LOCATION AND ANY OTHER REQUIREMENTS/IMPACTS IS PER COORDINATION AGREEMENT BETWEEN HSR AUTHORITY AND UTILITY COMPANY.



SCALE APPLICABLE FOR FULL SIZE ONLY

DESIGNED BY	R. NAFAR
DRAWN BY	D. BARRAZA
CHECKED BY	M. SATISH
IN CHARGE	J. SWANSON
DATE	02/28/25

**NOT FOR  
CONSTRUCTION**



**CALIFORNIA**  
HIGH-SPEED RAIL AUTHORITY

PRELIMINARY ENGINEERING FOR PROJECT DEFINITION  
TRACTION POWER FACILITY SITE PLAN  
PROPOSED LOS ANGELES SUBSTATION

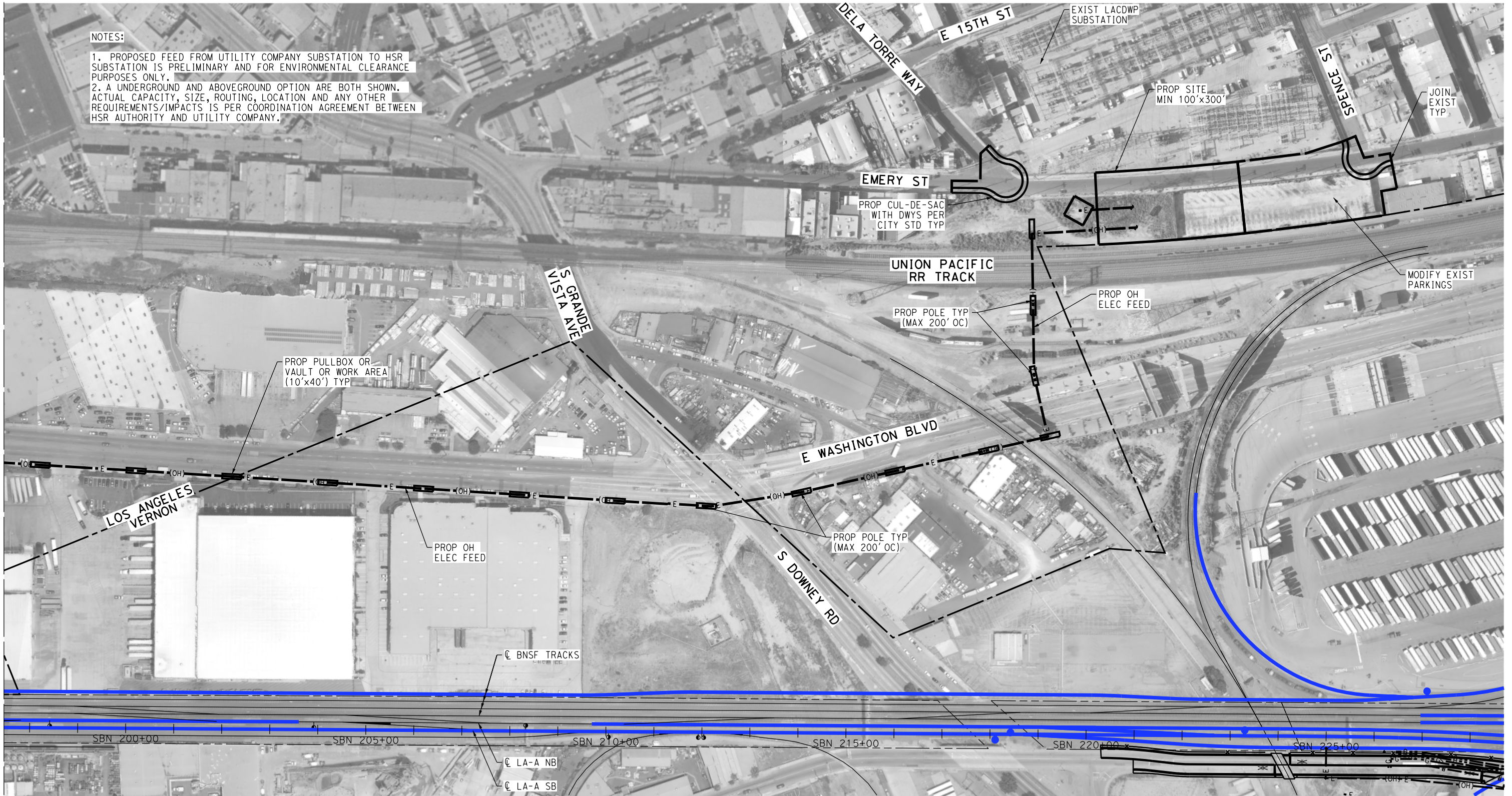
CONTRACT NO.	HSR06-0005
DRAWING NO.	TP-01001
SCALE	1" = 100'
SHEET NO.	



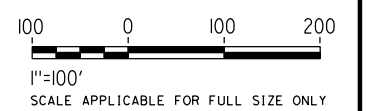
NOTES:

1. PROPOSED FEED FROM UTILITY COMPANY SUBSTATION TO HSR SUBSTATION IS PRELIMINARY AND FOR ENVIRONMENTAL CLEARANCE PURPOSES ONLY.
2. A UNDERGROUND AND ABOVEGROUND OPTION ARE BOTH SHOWN. ACTUAL CAPACITY, SIZE, ROUTING, LOCATION AND ANY OTHER REQUIREMENTS/IMPACTS IS PER COORDINATION AGREEMENT BETWEEN HSR AUTHORITY AND UTILITY COMPANY.

MATCH LINE  
SEE TP-01001



NOT FOR CONSTRUCTION  
FOR INTERNAL USE ONLY



\$PLOT\$

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
R. NAFAR  
DRAWN BY  
D. BARRAZA  
CHECKED BY  
M. SATISH  
IN CHARGE  
J. SWANSON  
DATE  
02/28/25

PEPD  
SUBMITTAL  
FOR INTERNAL  
USE ONLY  
  
NOT FOR  
CONSTRUCTION

stvr



CALIFORNIA  
HIGH-SPEED RAIL AUTHORITY

**CALIFORNIA HIGH-SPEED TRAIN PROJECT  
LOS ANGELES TO ANAHEIM**  
RECORD SET  
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION  
TRACTION POWER FACILITY SITE PLAN  
PROPOSED LOS ANGELES SUBSTATION

CONTRACT NO.  
HSR06-0005  
DRAWING NO.  
TP-01002  
SCALE  
1" = 100'  
SHEET NO.

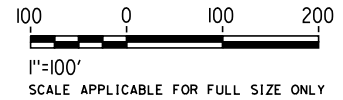








NOT FOR CONSTRUCTION  
FOR INTERNAL USE ONLY



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
R. NAFAR  
DRAWN BY  
D. BARRAZA  
CHECKED BY  
M. SATISH  
IN CHARGE  
J. SWANSON  
DATE  
02/28/25

PEPD  
SUBMITTAL  
FOR INTERNAL  
USE ONLY  
  
NOT FOR  
CONSTRUCTION



CALIFORNIA  
HIGH-SPEED RAIL AUTHORITY

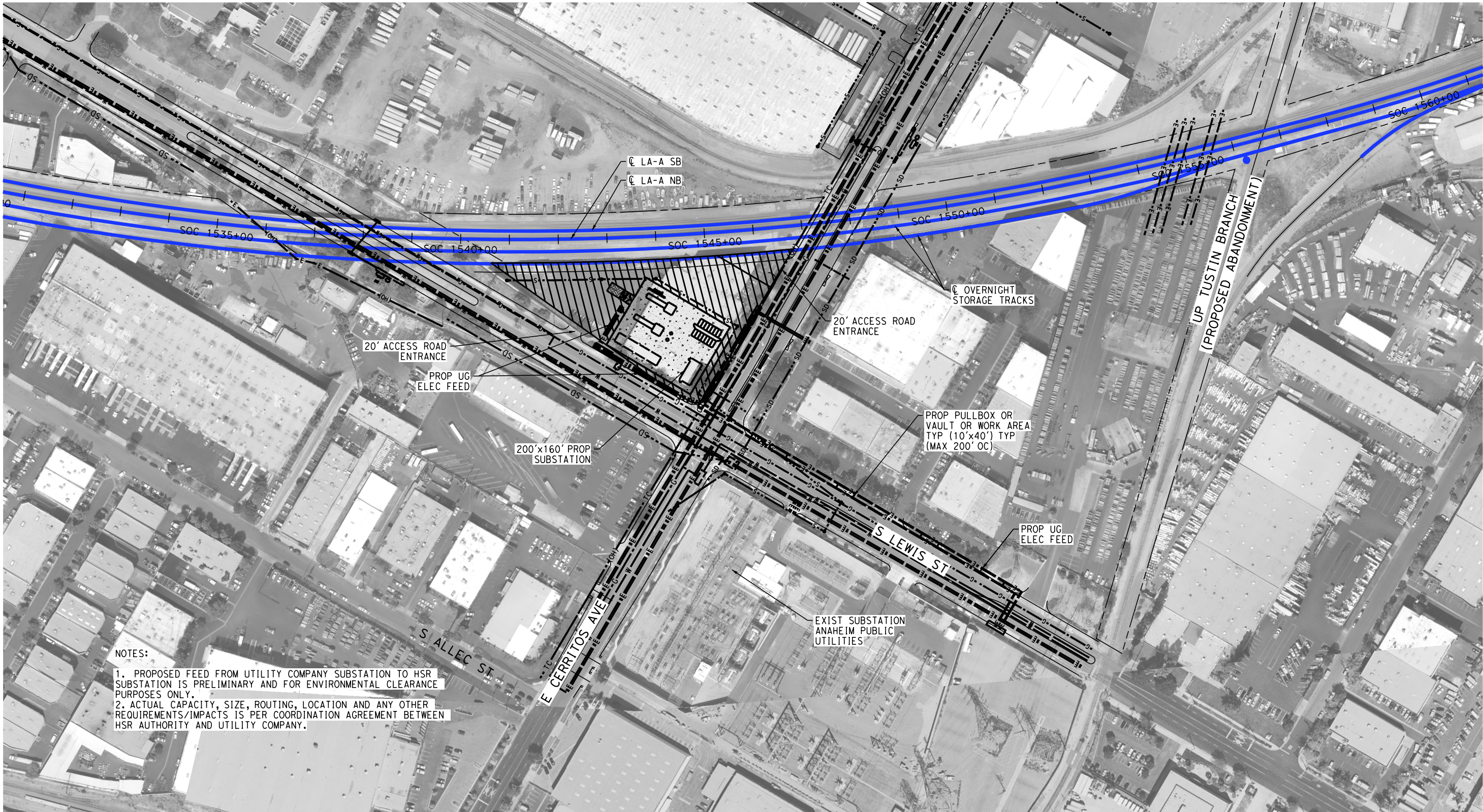
**CALIFORNIA HIGH-SPEED TRAIN PROJECT  
LOS ANGELES TO ANAHEIM**  
RECORD SET  
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION  
TRACTION POWER FACILITY SITE PLAN  
PROPOSED MIDPOINT SWITCHING STATION

CONTRACT NO.  
HSR06-0005  
DRAWING NO.  
TP-01031  
SCALE  
1" = 100'  
SHEET NO.

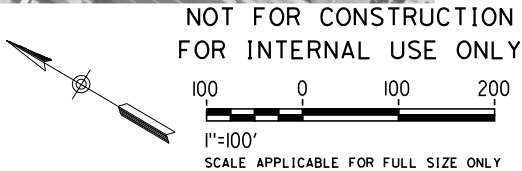








NOTES:  
1. PROPOSED FEED FROM UTILITY COMPANY SUBSTATION TO HSR SUBSTATION IS PRELIMINARY AND FOR ENVIRONMENTAL CLEARANCE PURPOSES ONLY.  
2. ACTUAL CAPACITY, SIZE, ROUTING, LOCATION AND ANY OTHER REQUIREMENTS/IMPACTS IS PER COORDINATION AGREEMENT BETWEEN HSR AUTHORITY AND UTILITY COMPANY.



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
R. NAFAR  
DRAWN BY  
D. BARRAZA  
CHECKED BY  
M. SATISH  
IN CHARGE  
J. SWANSON  
DATE  
02/28/25

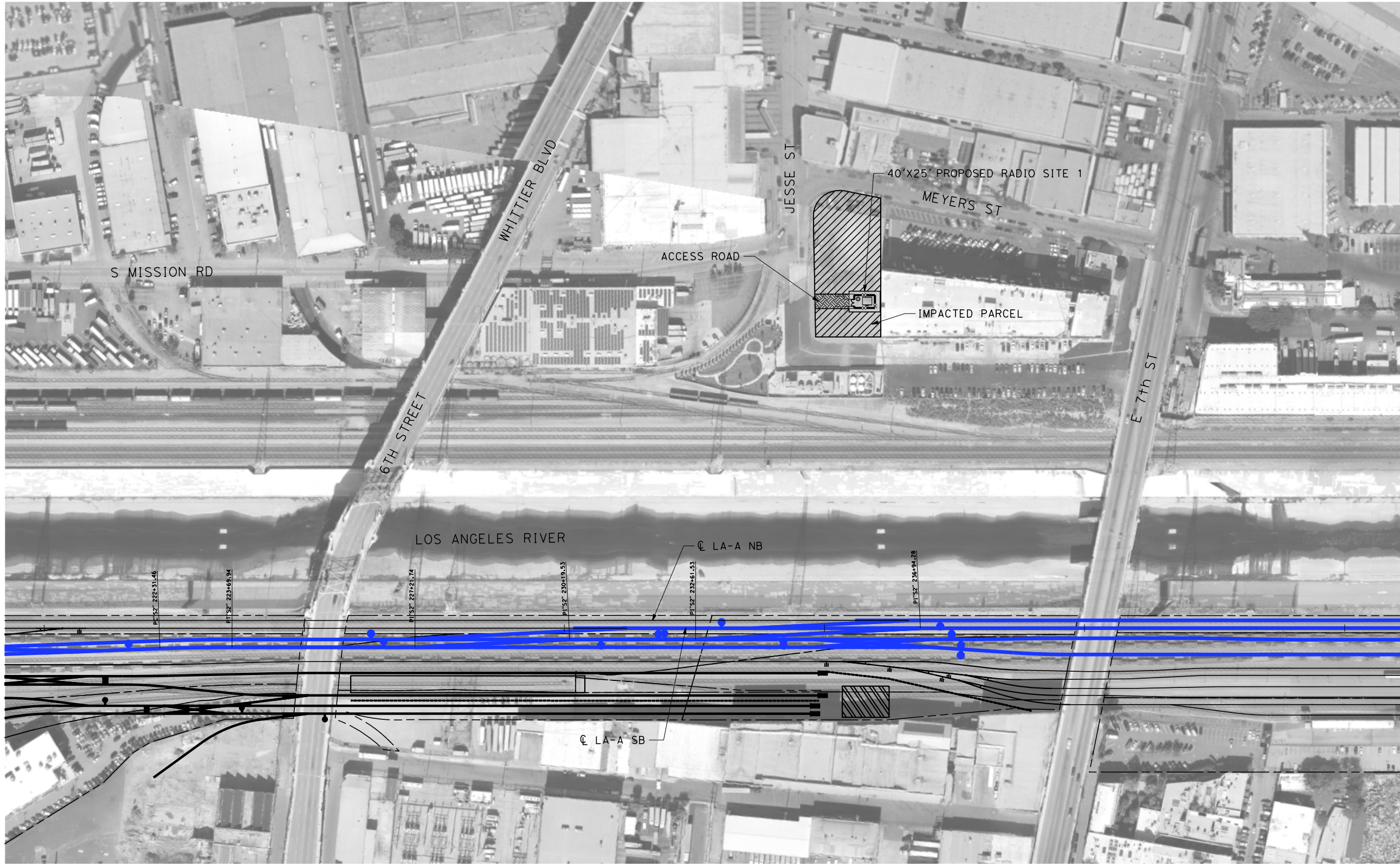
PEPD  
SUBMITTAL  
FOR INTERNAL  
USE ONLY  
  
NOT FOR  
CONSTRUCTION



**CALIFORNIA HIGH-SPEED TRAIN PROJECT  
LOS ANGELES TO ANAHEIM**  
RECORD SET  
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION  
TRACTION POWER FACILITY SITE PLAN  
PROPOSED ANAHEIM SUBSTATION

CONTRACT NO.  
HSR06-0005  
DRAWING NO.  
TP-01071  
SCALE  
1" = 100'  
SHEET NO.







CITY OF LOS ANGELES

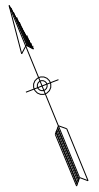
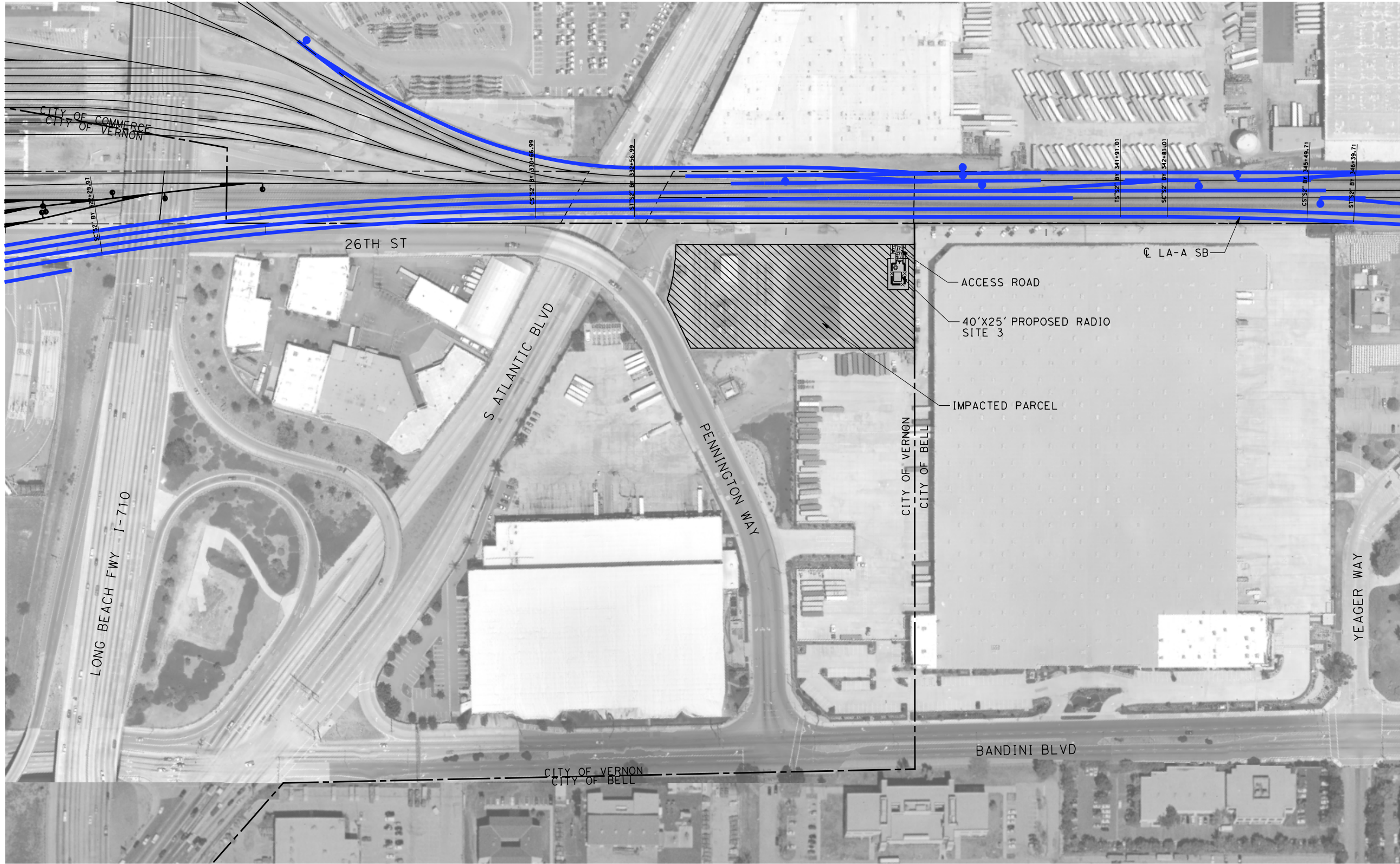
NOT FOR CONSTRUCTION  
FOR INTERNAL USE ONLY

100 0 100 200  
1"=100'  
SCALE APPLICABLE FOR FULL SIZE ONLY

\$PLOT \$							DESIGNED BY R. NAFAR	PEPD SUBMITTAL FOR INTERNAL USE ONLY  NOT FOR CONSTRUCTION			CALIFORNIA HIGH-SPEED TRAIN PROJECT LOS ANGELES TO ANAHEIM RECORD SET PRELIMINARY ENGINEERING FOR PROJECT DEFINITION COMMUNICATIONS SYSTEM SITE PLAN STANDALONE RADIO SITE 1	CONTRACT NO. HSR06-0005
							DRAWN BY D. BARRAZA					DRAWING NO. CO-F1011
							CHECKED BY M. SATISH					SCALE 1" = 100'
							IN CHARGE J. SWANSON					SHEET NO.
							DATE 02/28/25					
	REV	DATE	BY	CHK	APP	DESCRIPTION						

\$PLOT\$







NOT FOR CONSTRUCTION  
FOR INTERNAL USE ONLY

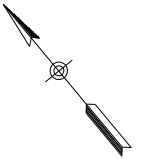
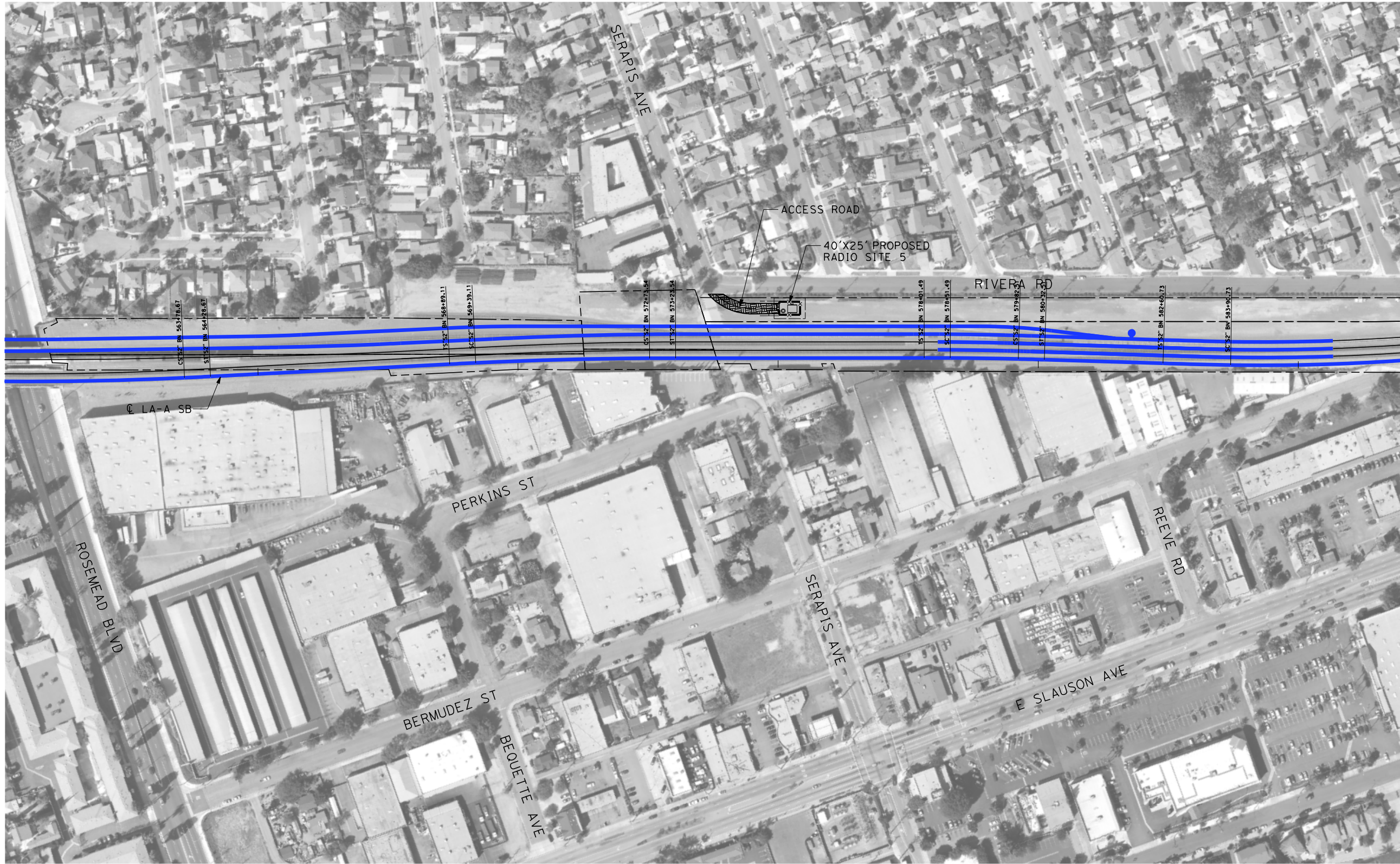
100 0 100 200  
1"=100'  
SCALE APPLICABLE FOR FULL SIZE ONLY

**CITIES OF VERNON & BELL**

\$PLOT \$							DESIGNED BY R. NAFAR	PEPD SUBMITTAL FOR INTERNAL USE ONLY  NOT FOR CONSTRUCTION			CALIFORNIA HIGH-SPEED TRAIN PROJECT LOS ANGELES TO ANAHEIM RECORD SET PRELIMINARY ENGINEERING FOR PROJECT DEFINITION COMMUNICATIONS SYSTEM SITE PLAN STANDALONE RADIO SITE 3	CONTRACT NO. HSR06-0005
							DRAWN BY D. BARRAZA					DRAWING NO. CO-F1031
							CHECKED BY M. SATISH					SCALE 1" = 100'
							IN CHARGE J. SWANSON					SHEET NO.
							DATE 02/28/25					
	REV	DATE	BY	CHK	APP	DESCRIPTION						

\$PLOT\$





CITY OF PICO RIVERA

NOT FOR CONSTRUCTION  
FOR INTERNAL USE ONLY

100 0 100 200  
1"=100'  
SCALE APPLICABLE FOR FULL SIZE ONLY

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
R. NAFAR  
DRAWN BY  
D. BARRAZA  
CHECKED BY  
M. SATISH  
IN CHARGE  
J. SWANSON  
DATE  
02/28/25

PEPD  
SUBMITTAL  
FOR INTERNAL  
USE ONLY

NOT FOR  
CONSTRUCTION

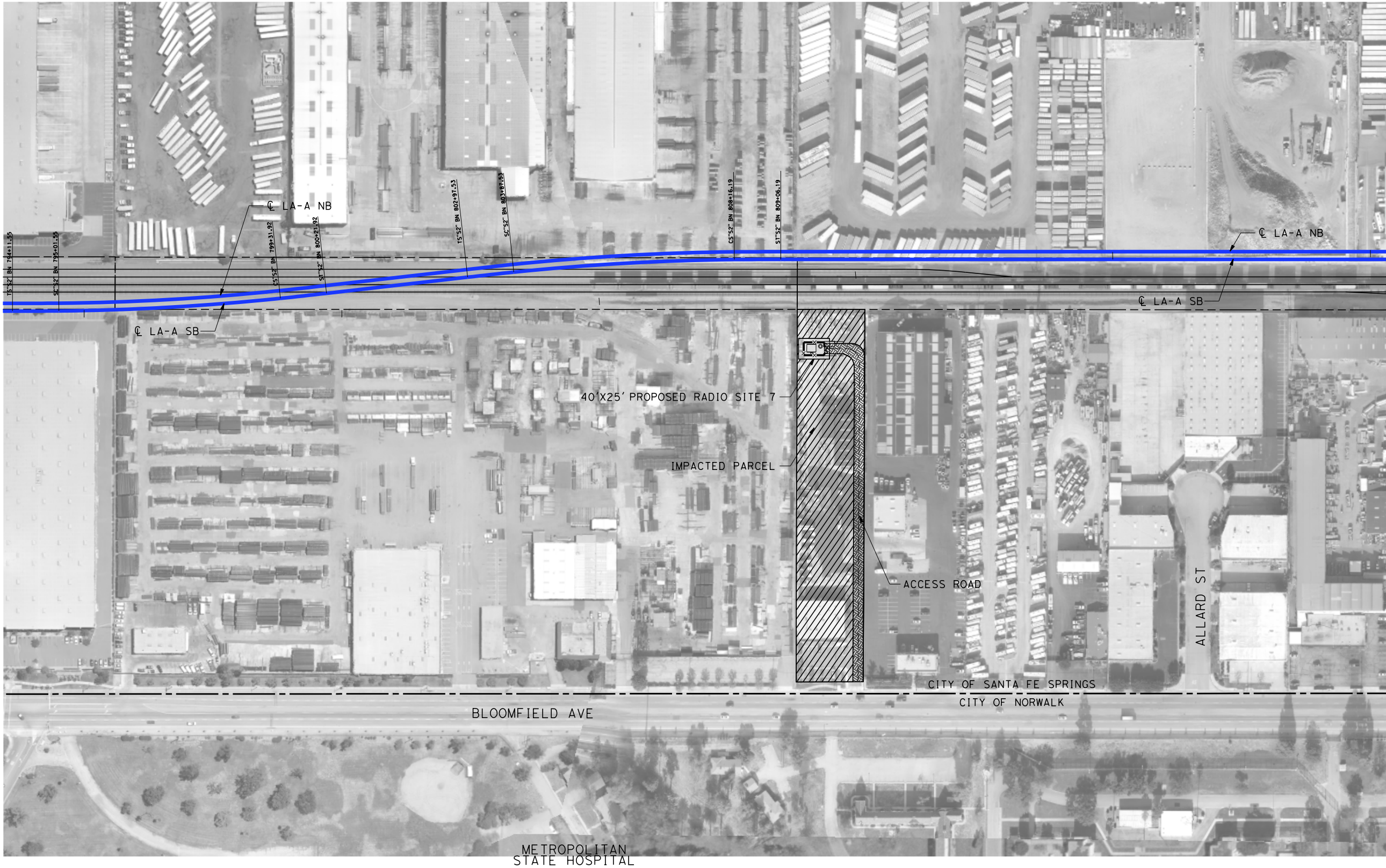


CALIFORNIA  
HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT  
LOS ANGELES TO ANAHEIM  
RECORD SET  
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION  
COMMUNICATIONS SYSTEM SITE PLAN  
STANDALONE RADIO SITE 5



CONTRACT NO.  
HSR06-0005  
DRAWING NO.  
CO-F1051  
SCALE  
1" = 100'  
SHEET NO.





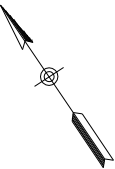
NOT FOR CONSTRUCTION  
FOR INTERNAL USE ONLY

100 0 100 200  
1"=100'  
SCALE APPLICABLE FOR FULL SIZE ONLY

\$PLOT \$							DESIGNED BY R. NAFAR	PEPD SUBMITTAL FOR INTERNAL USE ONLY  NOT FOR CONSTRUCTION			CALIFORNIA HIGH-SPEED TRAIN PROJECT LOS ANGELES TO ANAHEIM RECORD SET PRELIMINARY ENGINEERING FOR PROJECT DEFINITION COMMUNICATIONS SYSTEM SITE PLAN STANDALONE RADIO SITE 7	CONTRACT NO. HSR06-0005
							DRAWN BY D. BARRAZA					DRAWING NO. CO-F1071
							CHECKED BY M. SATISH					SCALE 1" = 100'
							IN CHARGE J. SWANSON					SHEET NO.
							DATE 02/28/25					
	REV	DATE	BY	CHK	APP	DESCRIPTION						

\$PLOT\$







CITIES OF SANTA FE SPRINGS & LA MIRADA

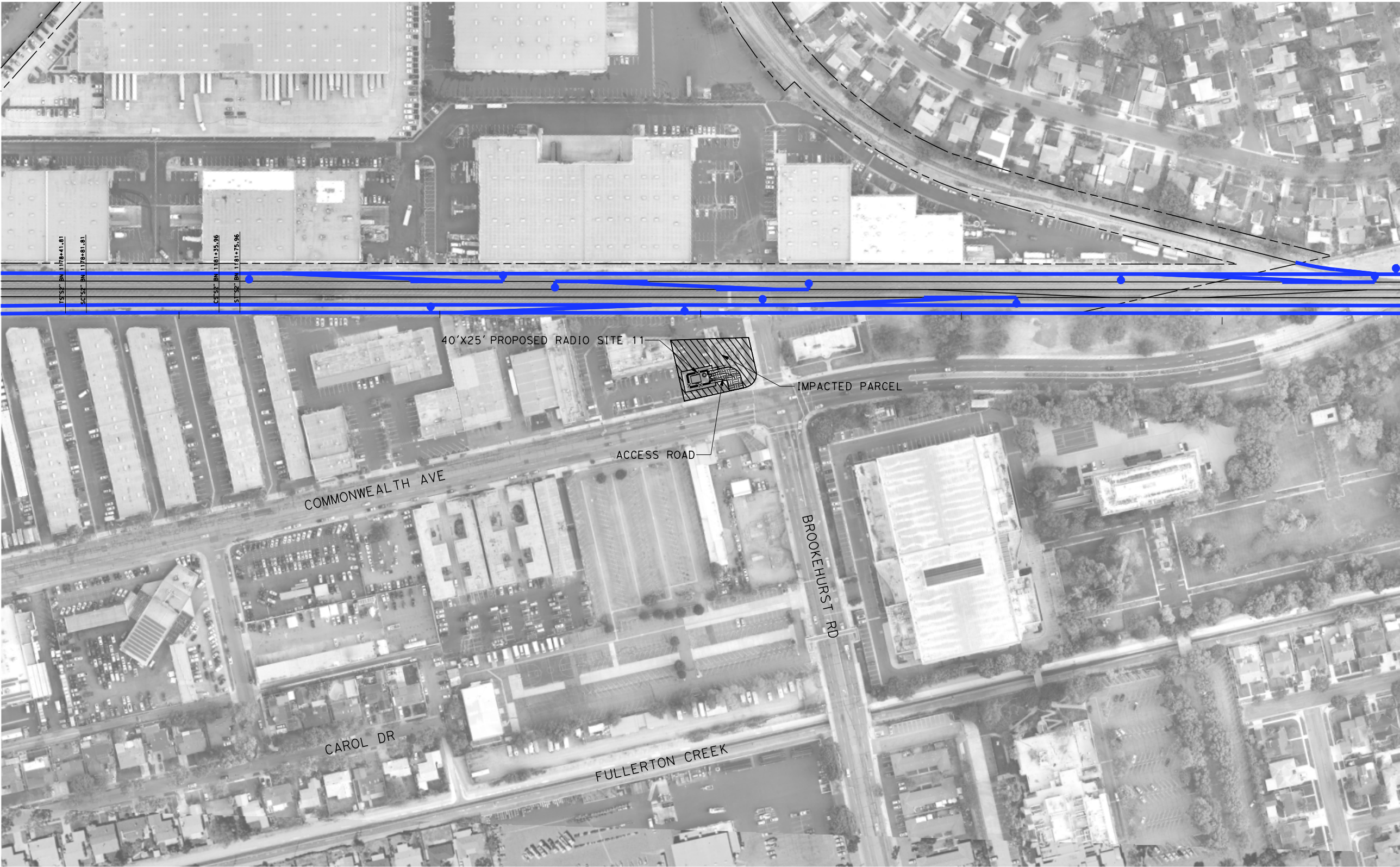
NOT FOR CONSTRUCTION  
FOR INTERNAL USE ONLY

100 0 100 200  
1"=100'  
SCALE APPLICABLE FOR FULL SIZE ONLY

\$PLOT \$							DESIGNED BY R. NAFAR	PEPD SUBMITTAL FOR INTERNAL USE ONLY  NOT FOR CONSTRUCTION			CALIFORNIA HIGH-SPEED TRAIN PROJECT LOS ANGELES TO ANAHEIM RECORD SET PRELIMINARY ENGINEERING FOR PROJECT DEFINITION COMMUNICATIONS SYSTEM SITE PLAN STANDALONE RADIO SITE 9	CONTRACT NO. HSR06-0005
							DRAWN BY D. BARRAZA					DRAWING NO. CO-F1091
							CHECKED BY M. SATISH					SCALE 1" = 100'
							IN CHARGE J. SWANSON					SHEET NO.
							DATE 02/28/25					
	REV	DATE	BY	CHK	APP	DESCRIPTION						

\$PLOT\$





NOT FOR CONSTRUCTION  
FOR INTERNAL USE ONLY

100 0 100 200  
1"=100'  
SCALE APPLICABLE FOR FULL SIZE ONLY

CITY OF FULLERTON

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
R. NAFAR  
DRAWN BY  
D. BARRAZA  
CHECKED BY  
M. SATISH  
IN CHARGE  
J. SWANSON  
DATE  
02/28/25

PEPD  
SUBMITTAL  
FOR INTERNAL  
USE ONLY

NOT FOR  
CONSTRUCTION



CALIFORNIA  
HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT  
LOS ANGELES TO ANAHEIM  
RECORD SET  
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION  
COMMUNICATIONS SYSTEM SITE PLAN  
STANDALONE RADIO SITE 11

CONTRACT NO.  
HSR06-0005  
DRAWING NO.  
CO-F1111  
SCALE  
1" = 100'  
SHEET NO.







