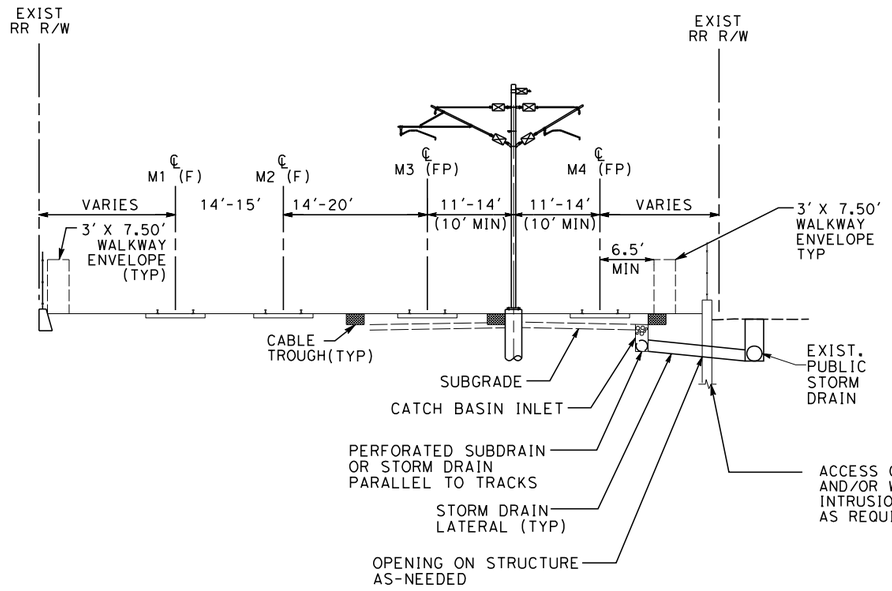
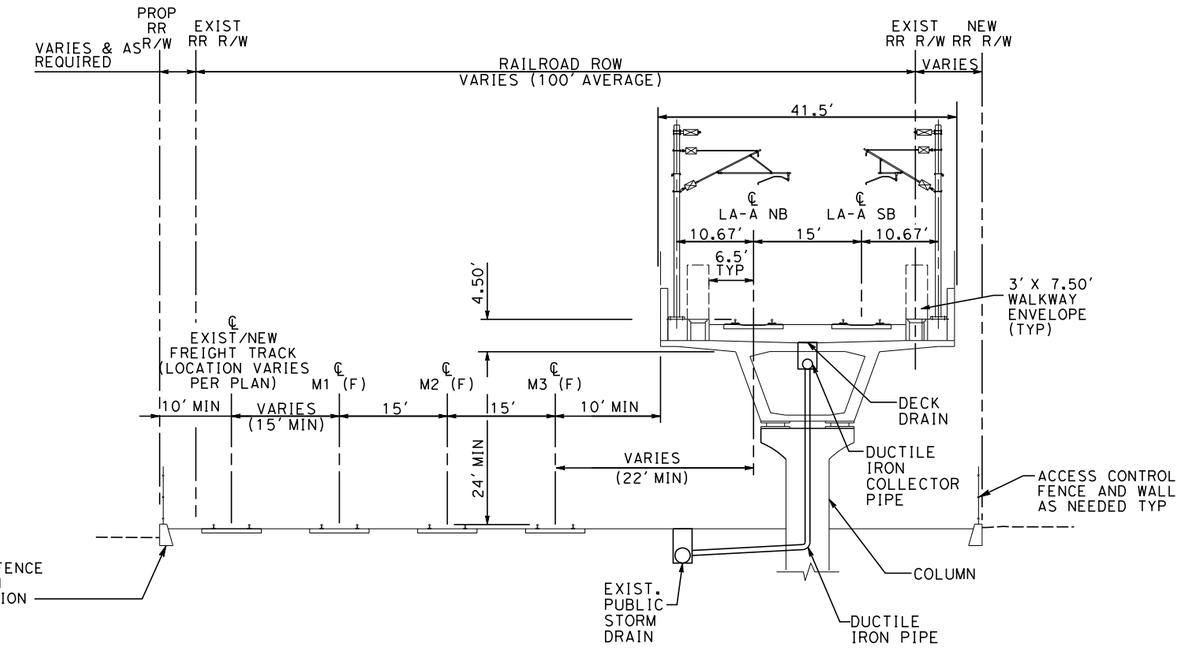


TYPICAL DRAINAGE CONCEPT FOR AT GRADE CONDITION

NTS



TYPICAL DRAINAGE CONCEPT FOR AERIAL STRUCTURE

NTS

NOT FOR CONSTRUCTION
FOR INTERNAL USE ONLY

10 0 10 20

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

stv

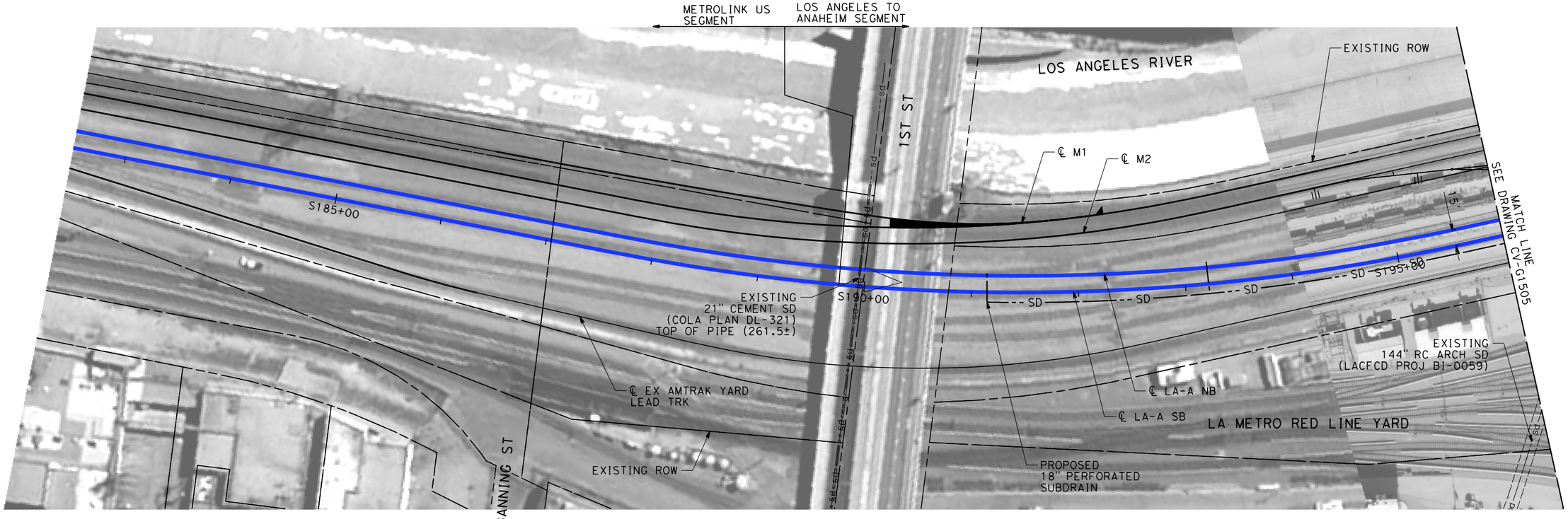
CALIFORNIA HIGH-SPEED RAIL AUTHORITY

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.

I:\Projects\4017456\4017456_0001\90_CAD Models and Sheets\LO\Sheet Files\Vol 4\CV\LO-CV-G0011.dgn

$PLOT$



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 08/29/25

PEPD SUBMITTAL FOR INTERNAL USE ONLY

NOT FOR CONSTRUCTION

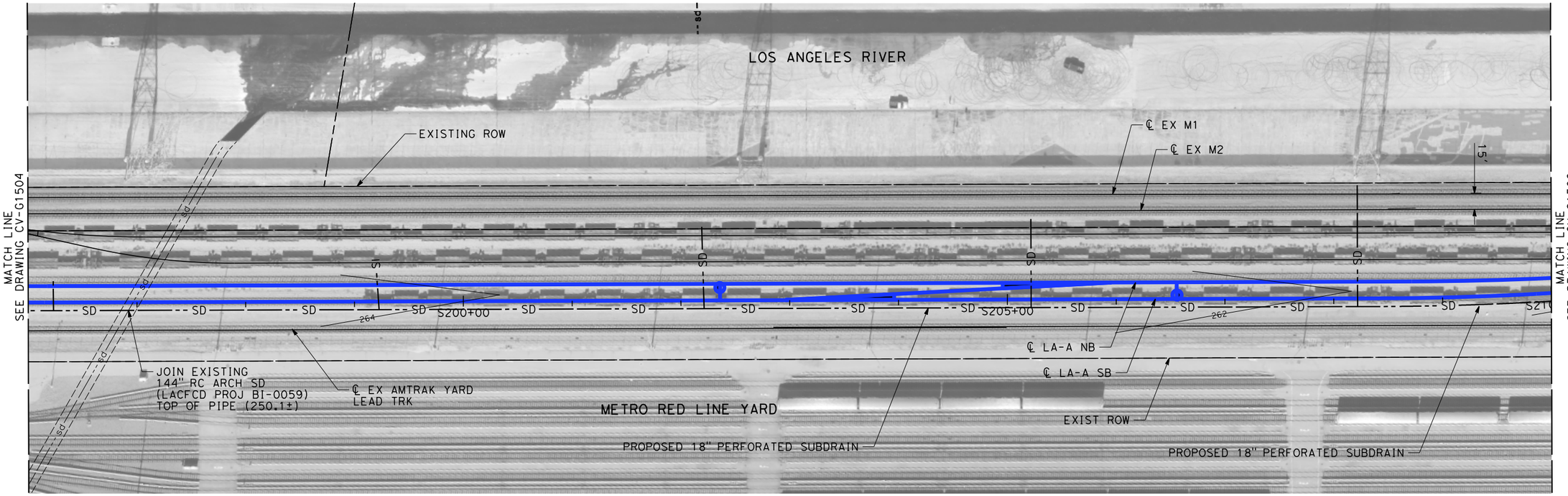
stv

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 S182+50 TO STA S196+00

CONTRACT NO. HSR06-0005
DRAWING NO. CV-G1504
SCALE 1" = 50'
SHEET NO.

$PLOT$



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 08/29/25

PEPD SUBMITTAL FOR INTERNAL USE ONLY

NOT FOR CONSTRUCTION

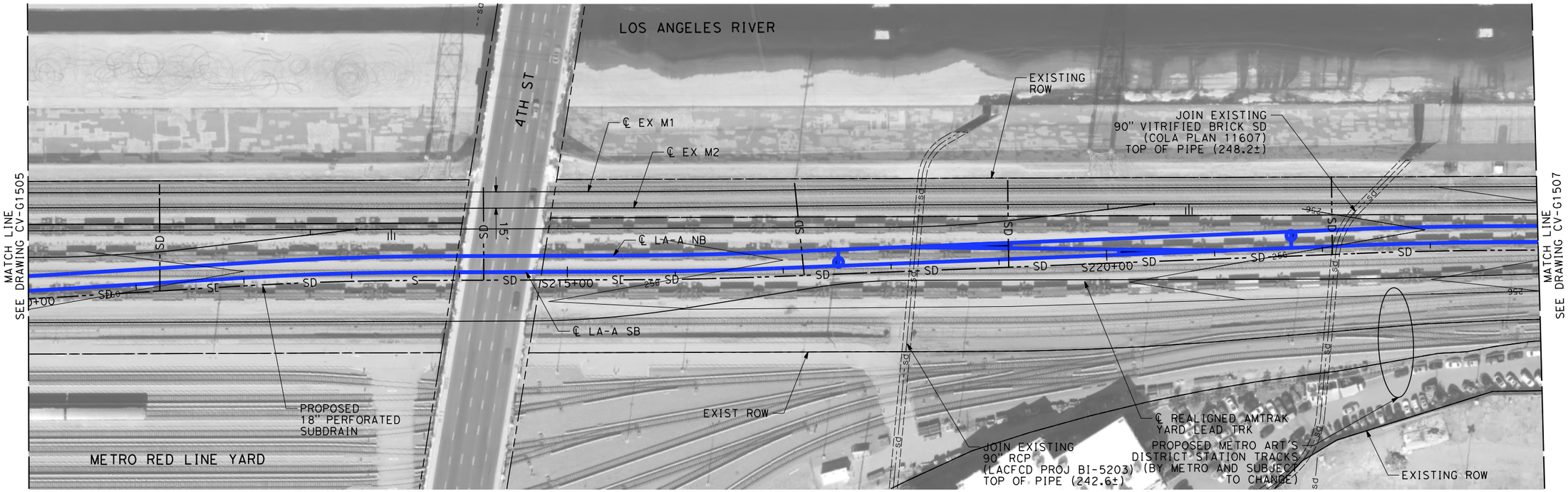
stv

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 S196+00 TO STA S210+00

CONTRACT NO. HSR06-0005
DRAWING NO. CV-G1505
SCALE 1" = 50'
SHEET NO.

$PLOT$



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 08/29/25

PEPD SUBMITTAL FOR INTERNAL USE ONLY

NOT FOR CONSTRUCTION

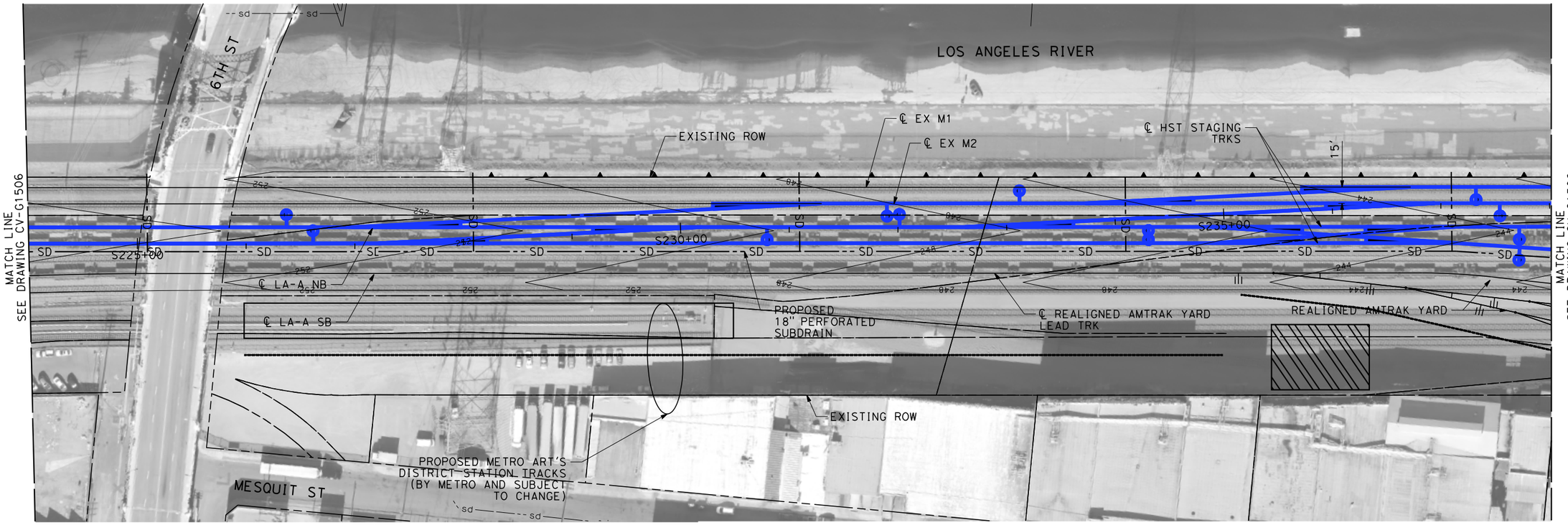
stv

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 S210+00 TO STA S224+00

CONTRACT NO. HSR06-0005
DRAWING NO. CV-G1506
SCALE 1" = 50'
SHEET NO.

$PLOT$



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 08/29/25

PEPD SUBMITTAL FOR INTERNAL USE ONLY

NOT FOR CONSTRUCTION

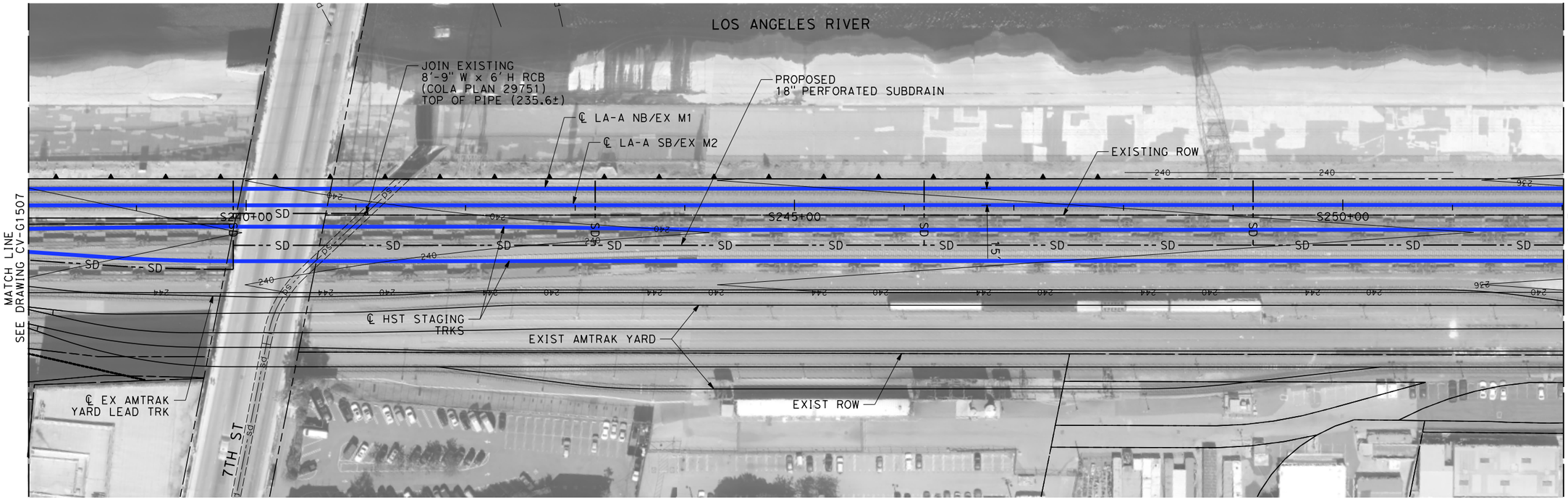
stv

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 S224+00 TO STA S238+00

CONTRACT NO. HSR06-0005
DRAWING NO. CV-G1507
SCALE 1" = 50'
SHEET NO.

$PLOT$



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 08/29/25

PEPD SUBMITTAL FOR INTERNAL USE ONLY

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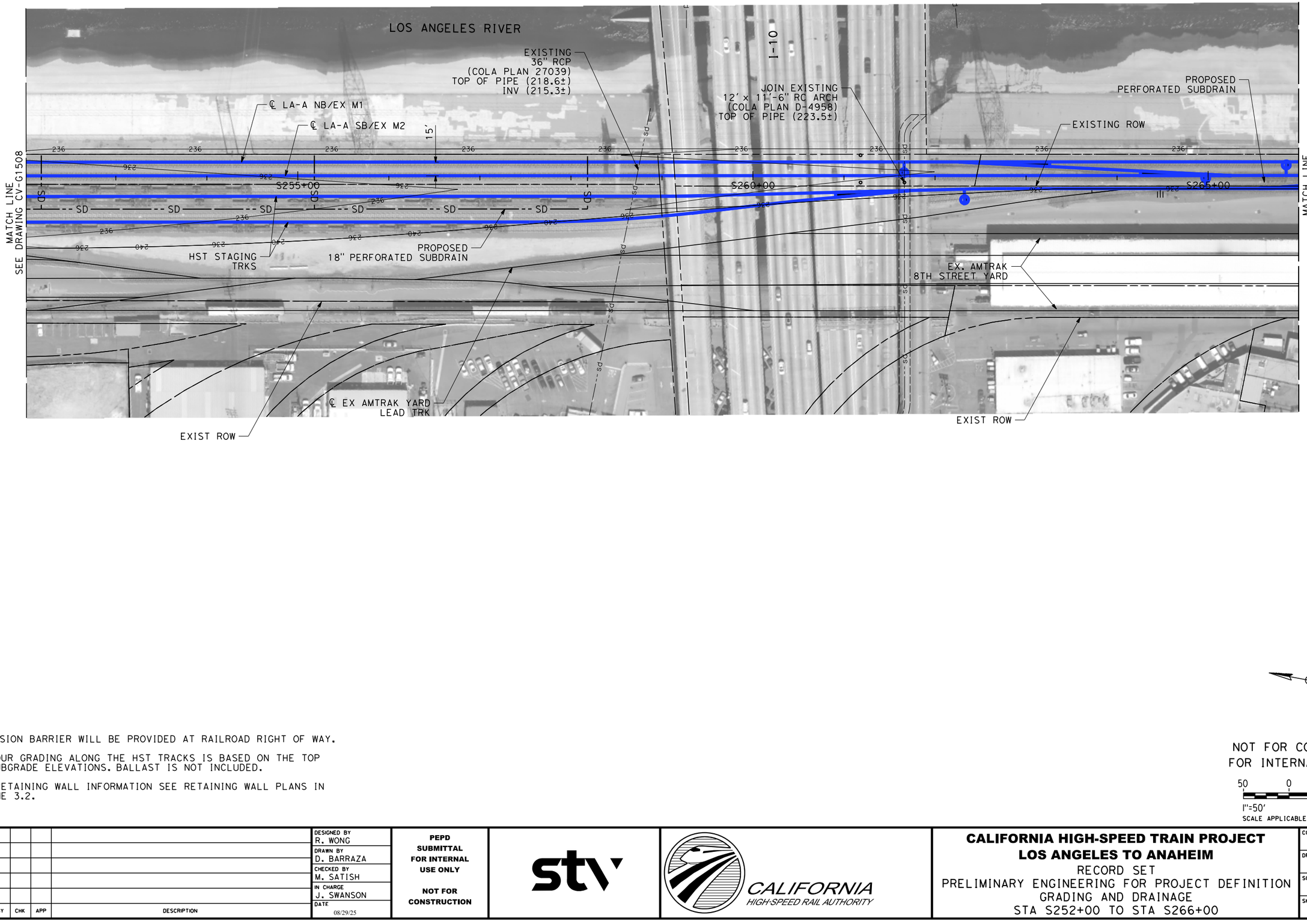
stv

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 S238+00 TO STA S252+00

CONTRACT NO. HSR06-0005
DRAWING NO. CV-G1508
SCALE 1" = 50'
SHEET NO.

$PLOT$



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 08/29/25

PEPD SUBMITTAL FOR INTERNAL USE ONLY

NOT FOR CONSTRUCTION

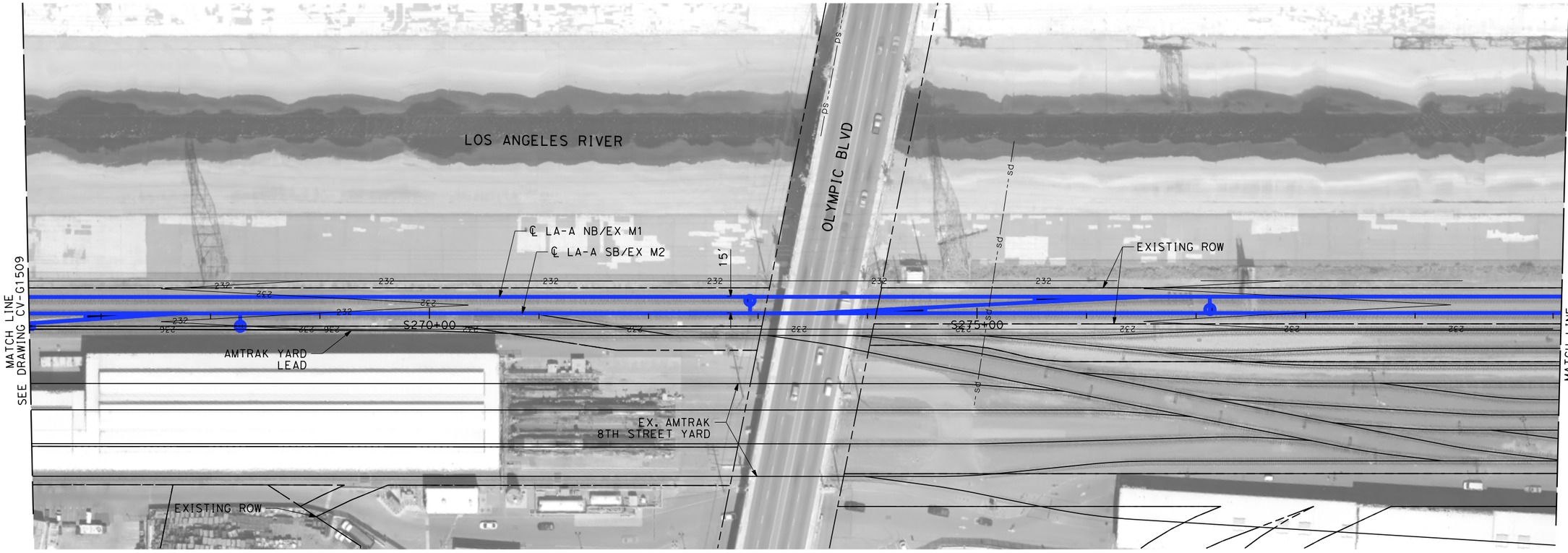
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CALIFORNIA HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM
RECORD SET
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION
GRADING AND DRAINAGE
STA S252+00 TO STA S266+00

CONTRACT NO. HSR06-0005
DRAWING NO. CV-G1509
SCALE 1" = 50'
SHEET NO.

$PLOT$



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

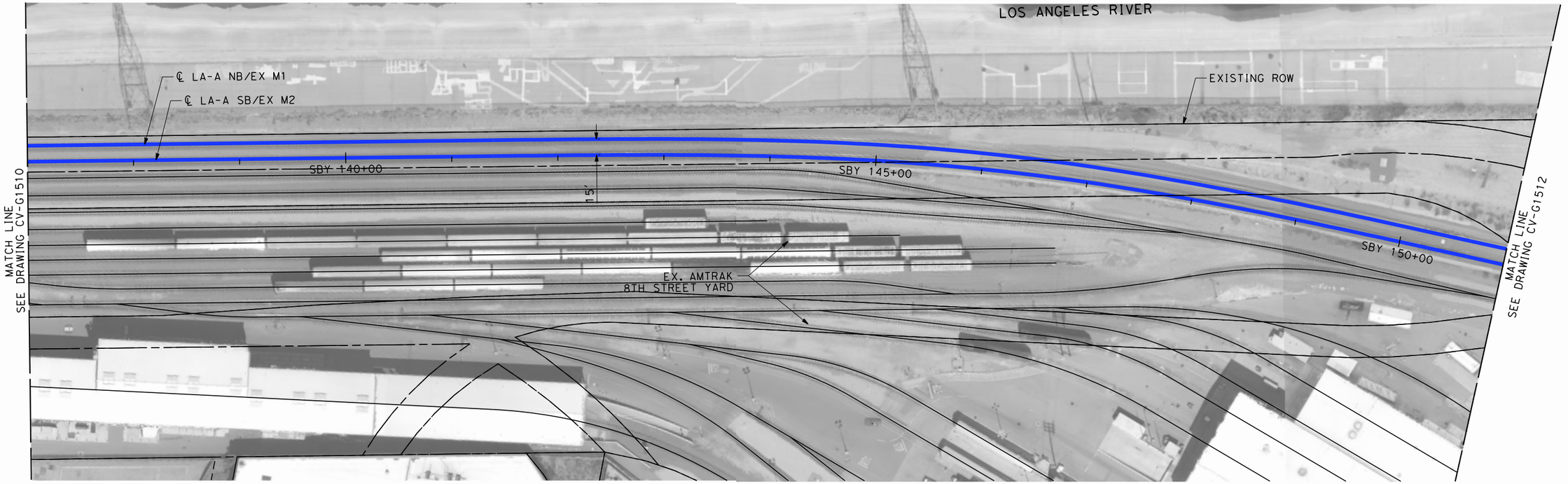
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CALIFORNIA HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM
RECORD SET
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION
GRADING AND DRAINAGE
STA S266+00 (BACK) TO STA SBY 137+00 (AHEAD)

CONTRACT NO. HSR06-0005
DRAWING NO. CV-G1510
SCALE 1" = 50'
SHEET NO.

$PLOT$



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

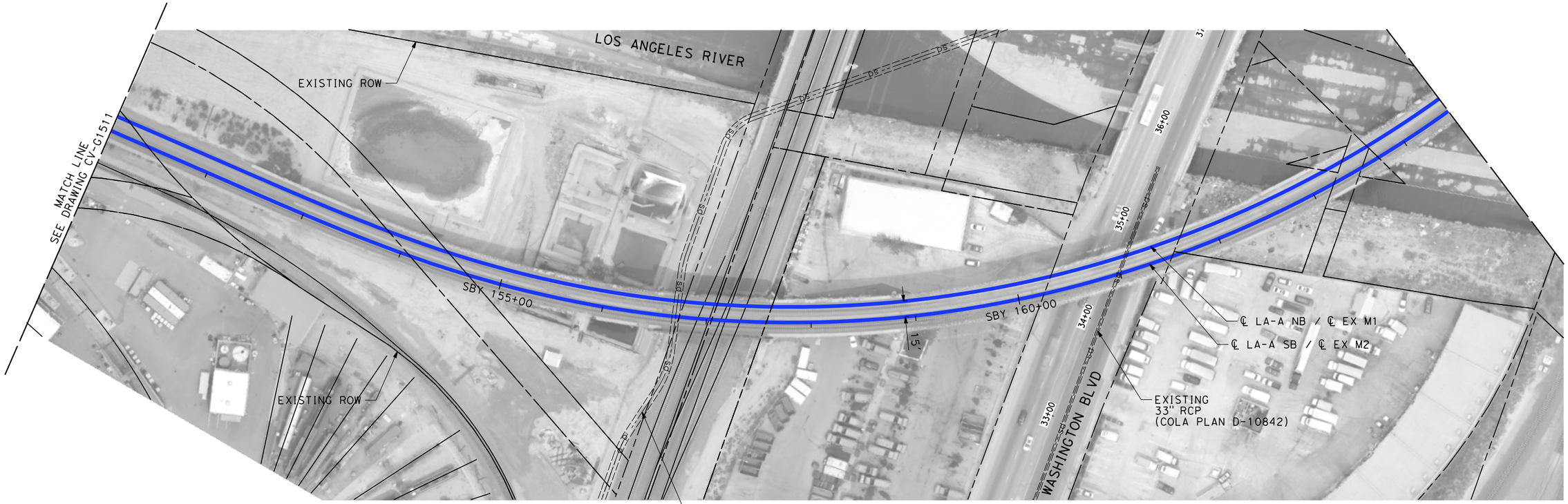
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CALIFORNIA HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM
RECORD SET
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION
GRADING AND DRAINAGE
STA SBY 137+00 TO STA SBY 151+00

CONTRACT NO. HSR06-0005
DRAWING NO. CV-G1511
SCALE 1" = 50'
SHEET NO.

$PLOT$



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

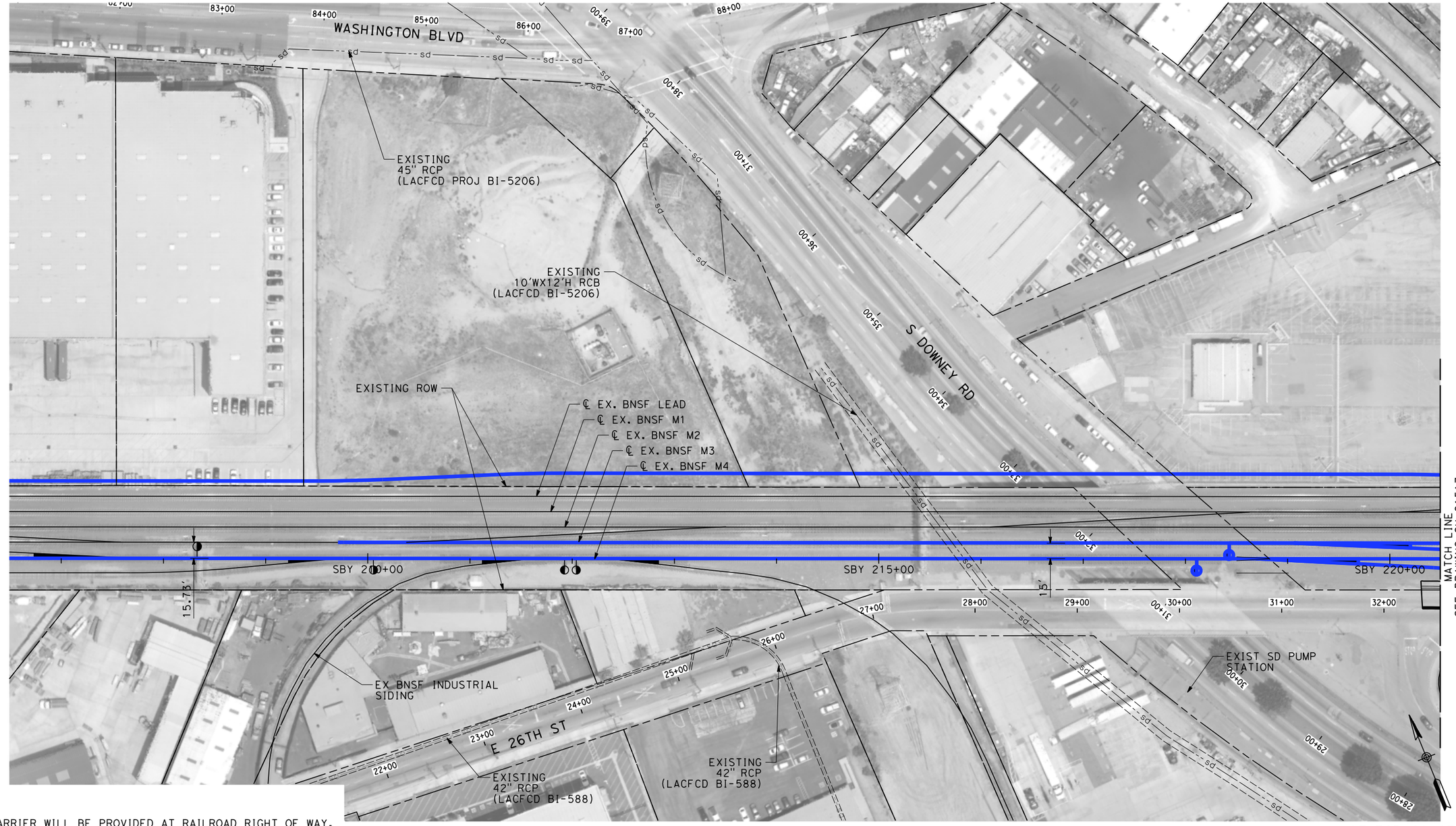
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CALIFORNIA HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM
RECORD SET
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION
GRADING AND DRAINAGE
STA SBY 151+00 TO STA SBY 164+50

CONTRACT NO. HSR06-0005
DRAWING NO. CV-G1512
SCALE 1" = 50'
SHEET NO.

$PLOT$



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

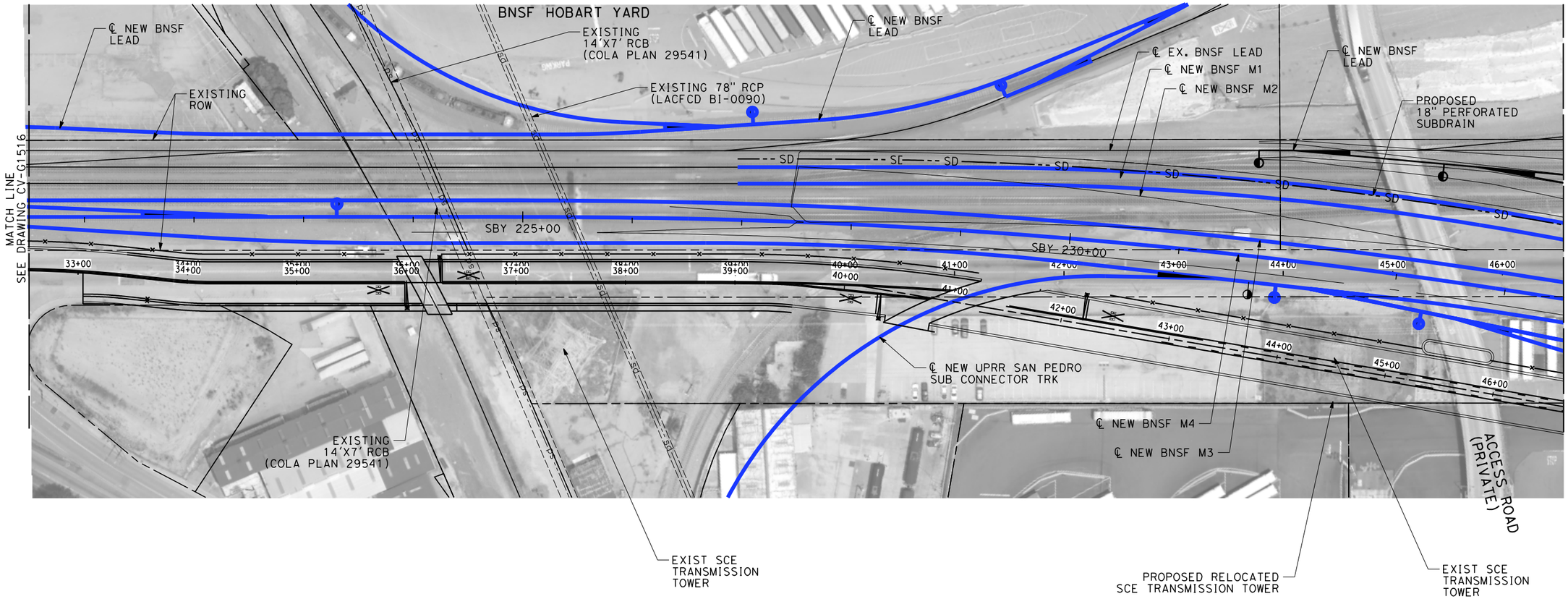
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CALIFORNIA HIGH-SPEED RAIL AUTHORITY

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.

$PLOT$



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

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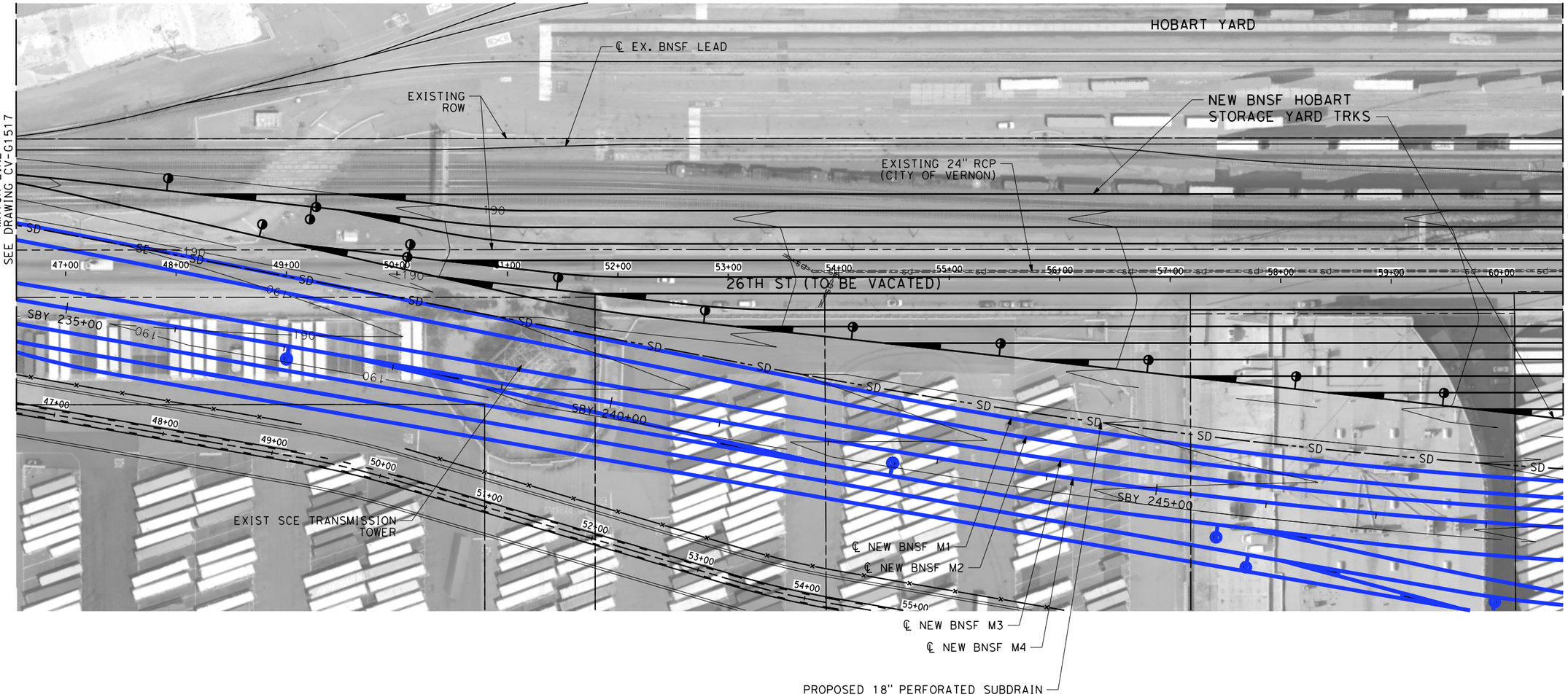
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CALIFORNIA HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM
RECORD SET
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION
GRADING AND DRAINAGE
STA SBY 220+50 TO STA SBY 234+50

CONTRACT NO. HSR06-0005
DRAWING NO. CV-G1517
SCALE 1" = 50'
SHEET NO.

$PLOT$



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

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 SBY 234+50 TO STA SBY 248+50

CONTRACT NO. HSR06-0005
DRAWING NO. CV-G1518
SCALE 1" = 50'
SHEET NO.

$PLOT$

HOBART YARD

MATCH LINE
SEE DRAWING CV-G1518

MATCH LINE
SEE DRAWING CV-G1520

EXISTING ROW

℄ EX. BNSF LEAD

EXISTING
14' W x 8.5' H RCB
(LACFCD PROJ DDI-26)
TOP OF BOX (177.5±)

EXISTING
20'-2" W x 4' H RCB
(OWNERSHIP TBD)

EXISTING 24" RCP
(CITY OF VERNON)

61+00 62+00 63+00 64+00 65+00 66+00 67+00 68+00 69+00 70+00 71+00 72+00 73+00 74+00

26TH ST (TO BE VACATED)

NEW BNSF HOBART
STORAGE YARD TRKS

SBY 250+00

SBY 256+00

SBY 260+00

℄ NEW BNSF M1

℄ NEW BNSF M2

℄ NEW BNSF M3

℄ NEW BNSF M4

JOIN EXISTING
14' W x 8.5' H RCB
(LACFCD PROJ DDI-26)

JOIN EXISTING CONCRETE
OPEN TRAPEZOIDAL CHANNEL
(OWNERSHIP TBD)

PROP. 18" PERFORATED SUBDRAINS

PROPOSED RCB CULVERT EXTENSION
(SEE DWG UT-D1519)

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.
4. 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

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

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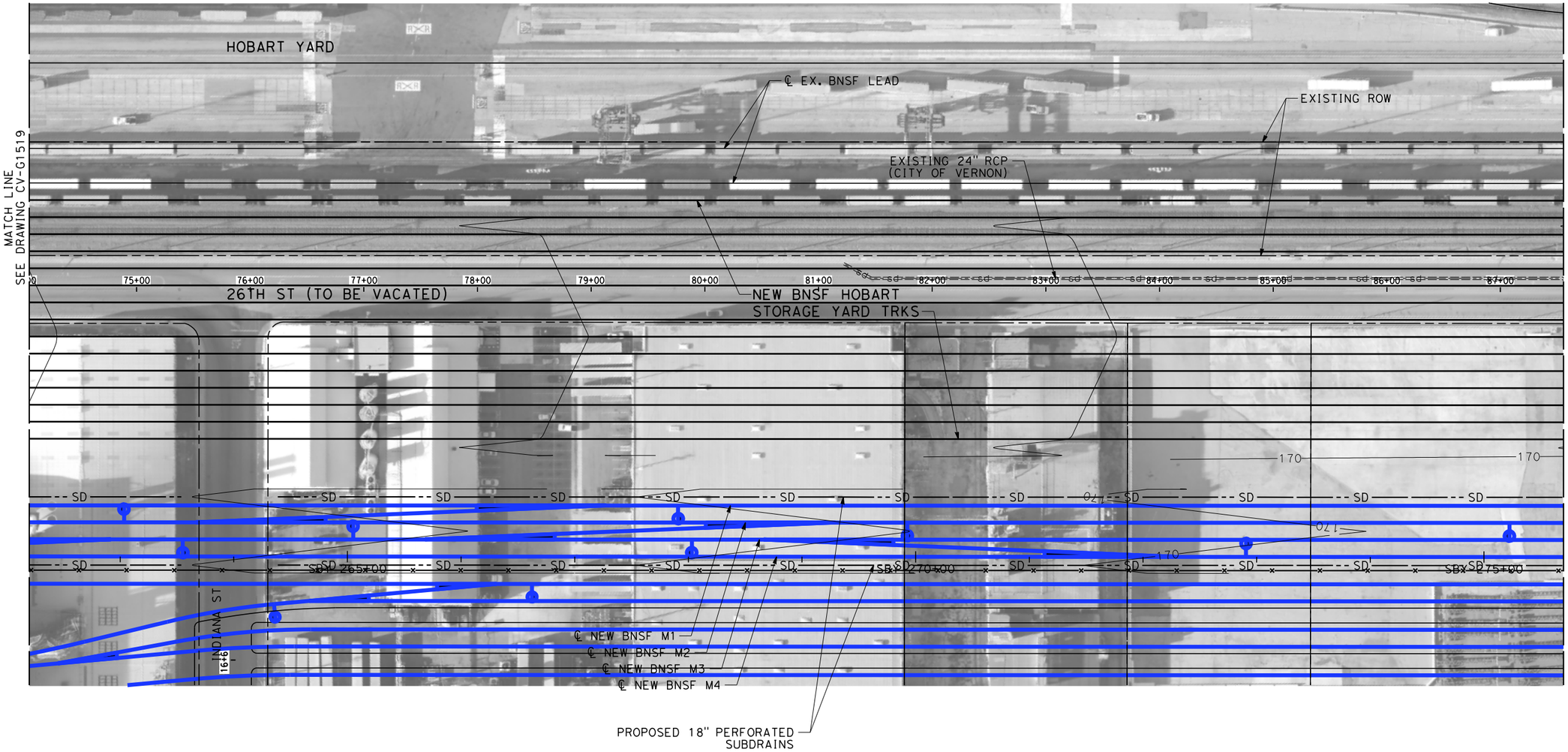
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CALIFORNIA HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM
RECORD SET
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION
GRADING AND DRAINAGE
STA SBY 248+50 TO STA SBY 262+00

CONTRACT NO. HSR06-0005
DRAWING NO. CV-G1519
SCALE 1" = 50'
SHEET NO.

$PLOT$



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

stv

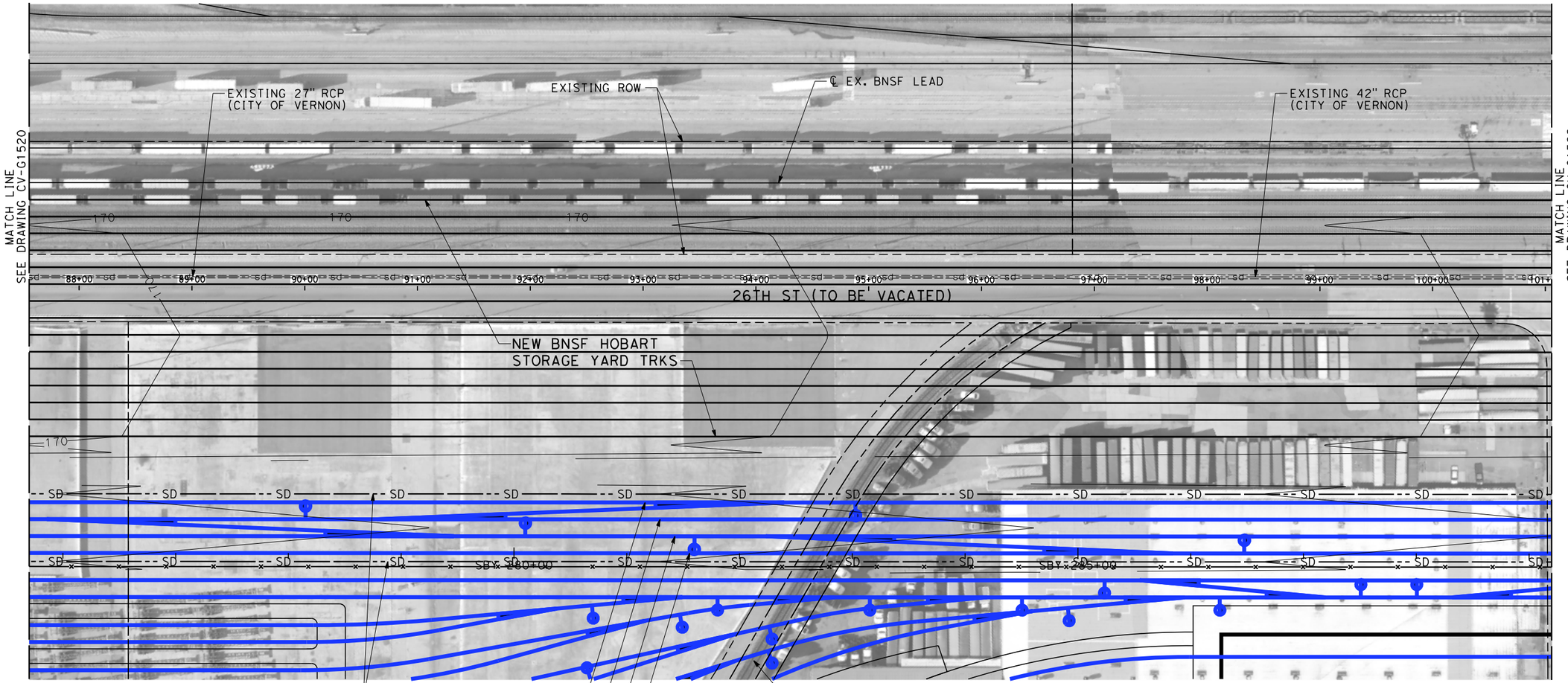
CALIFORNIA HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM
RECORD SET
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION
GRADING AND DRAINAGE
STA SBY 262+00 TO STA SBY 275+50

CONTRACT NO. HSR06-0005
DRAWING NO. CV-G1520
SCALE 1" = 50'
SHEET NO.

$PLOT$

HOBART YARD



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

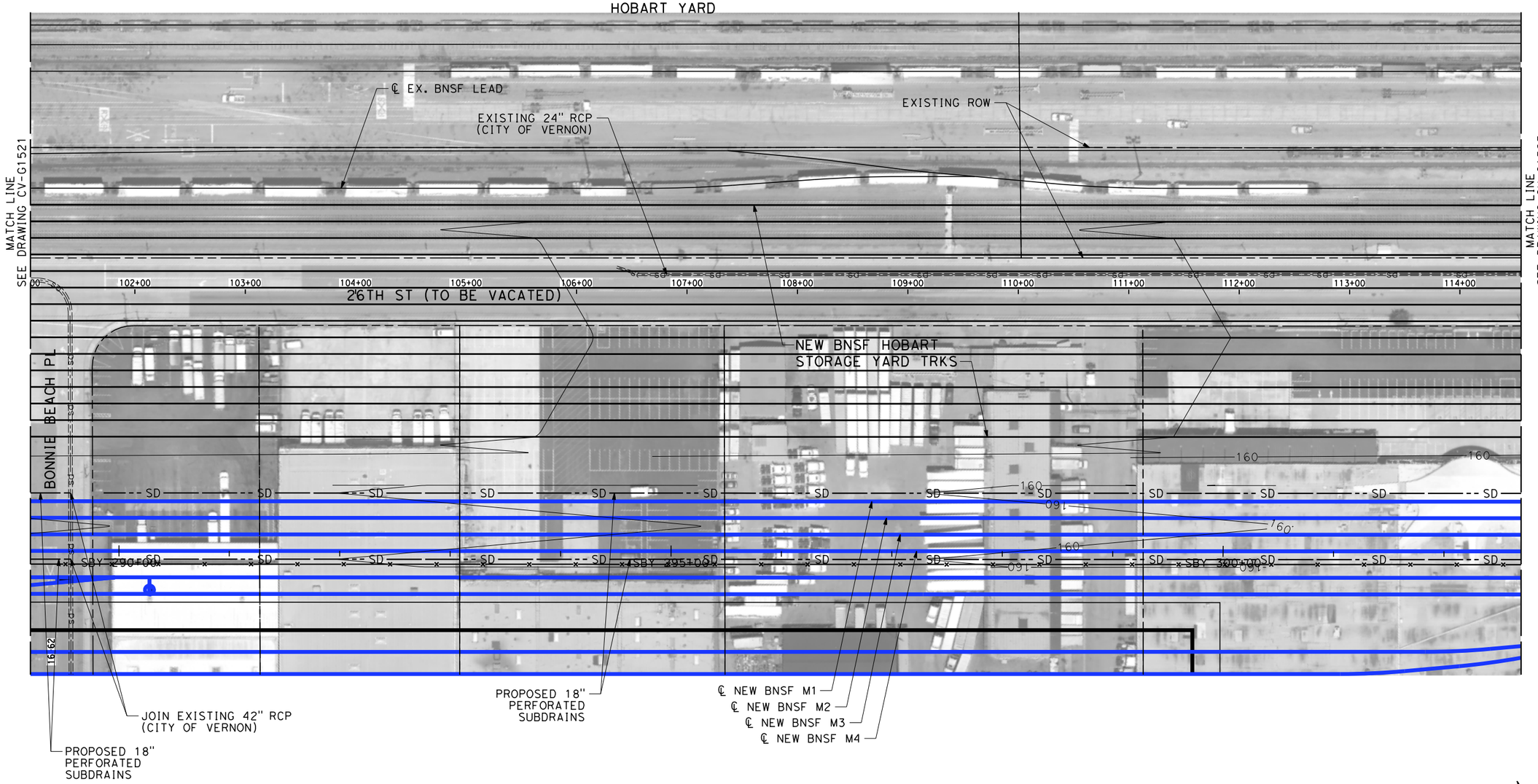
stv

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 SBY 275+50 TO STA SBY 289+00

CONTRACT NO. HSR06-0005
DRAWING NO. CV-G1521
SCALE 1" = 50'
SHEET NO.

$PLOT$



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

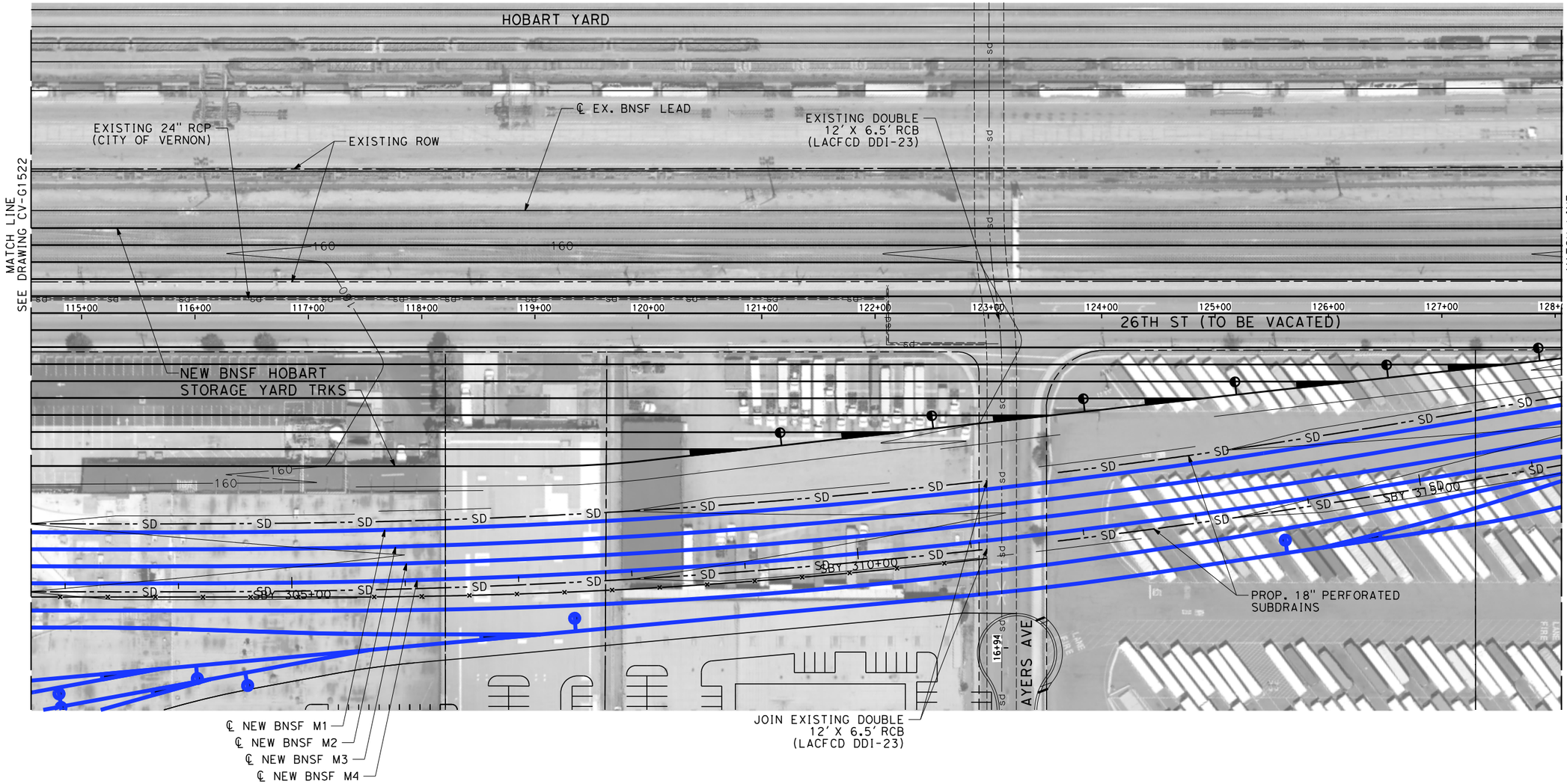
stv

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 SBY 289+00 TO STA SBY 302+50

CONTRACT NO. HSR06-0005
DRAWING NO. CV-G1522
SCALE 1" = 50'
SHEET NO.

$PLOT$



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

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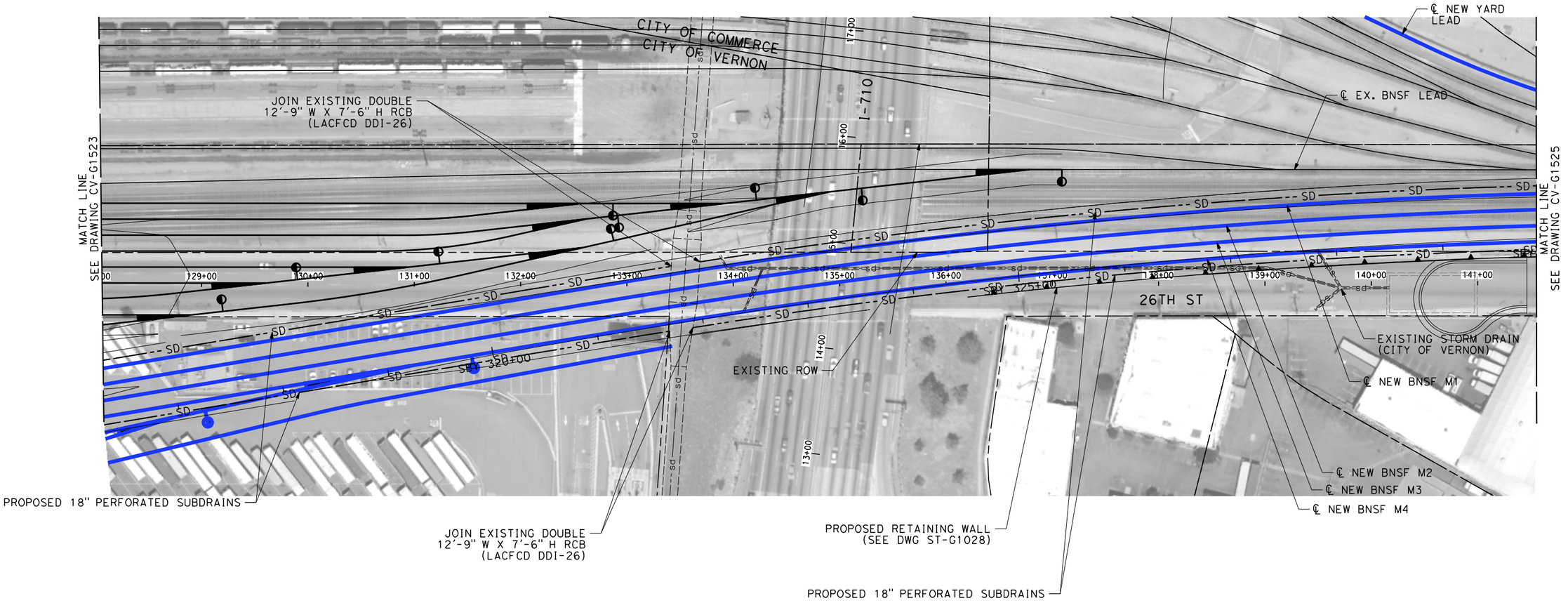
stv

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 SBY 302+50 TO STA SBY 316+00

CONTRACT NO. HSR06-0005
DRAWING NO. CV-G1523
SCALE 1" = 50'
SHEET NO.

$PLOT$



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
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DATE 02/28/25

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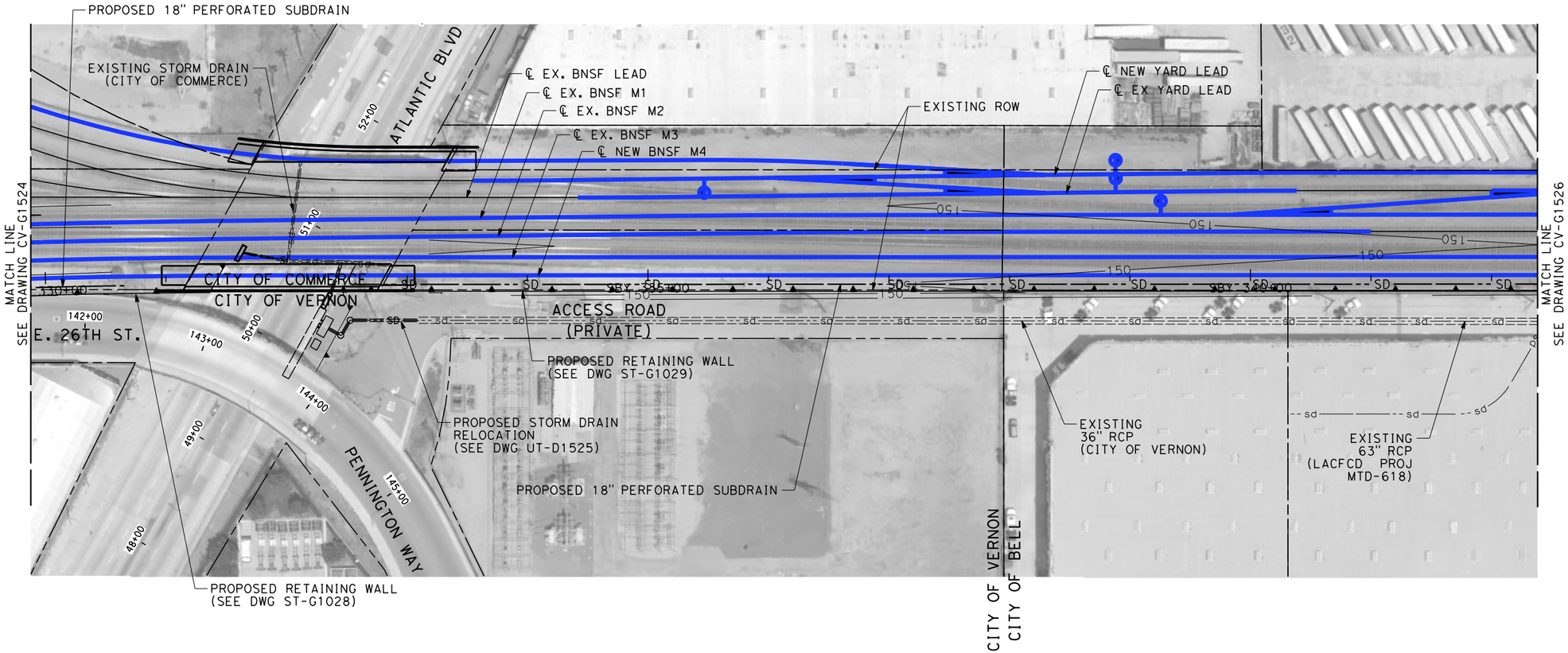
stv

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 SBY 316+00 TO STA SBY 329+50

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

$PLOT$



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

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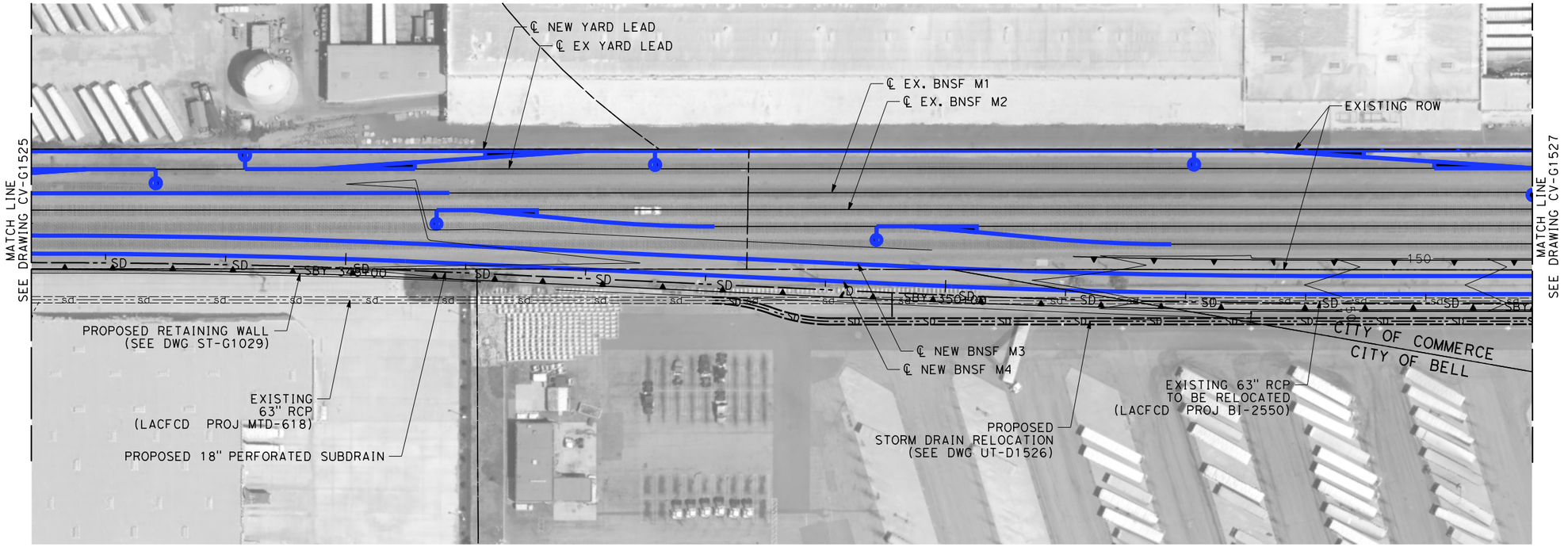
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CALIFORNIA HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM
RECORD SET
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION
GRADING AND DRAINAGE
STA SBY 329+50 TO STA SBY 342+00

CONTRACT NO. HSR06-0005
DRAWING NO. CV-G1525
SCALE 1" = 50'
SHEET NO.

$PLOT$



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

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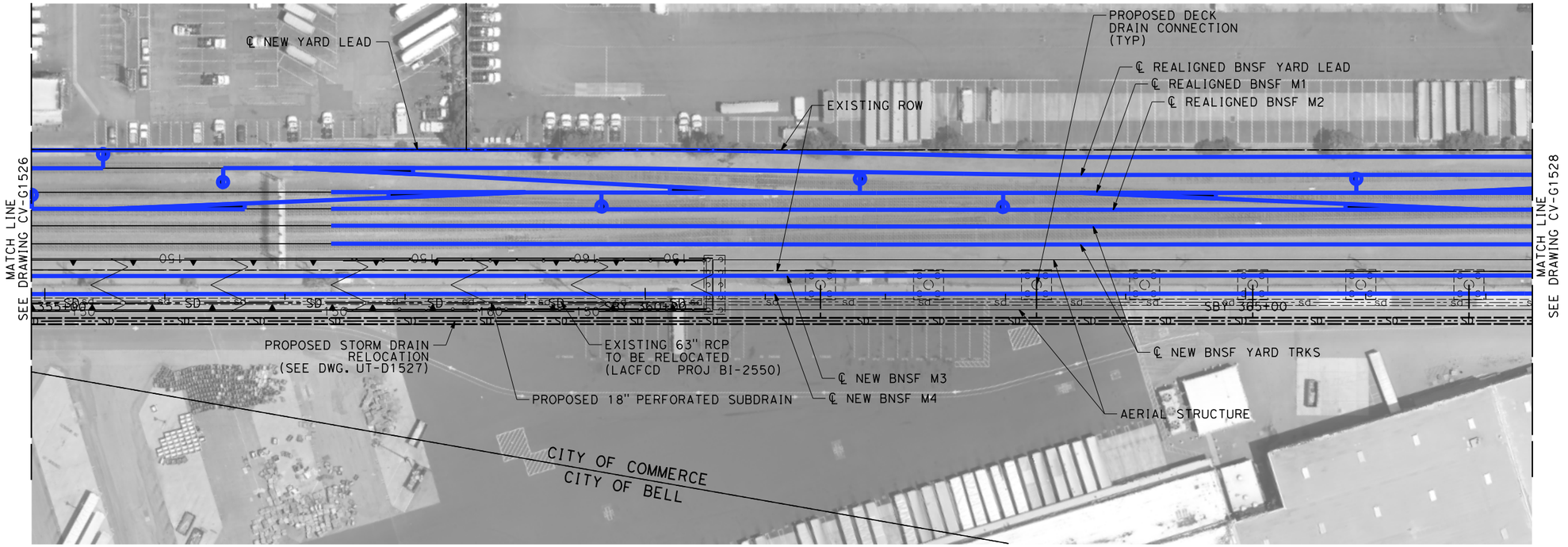
stv

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 SBY 342+00 TO STA SBY 354+50

CONTRACT NO. HSR06-0005
DRAWING NO. CV-G1526
SCALE 1" = 50'
SHEET NO.

$PLOT$



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

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

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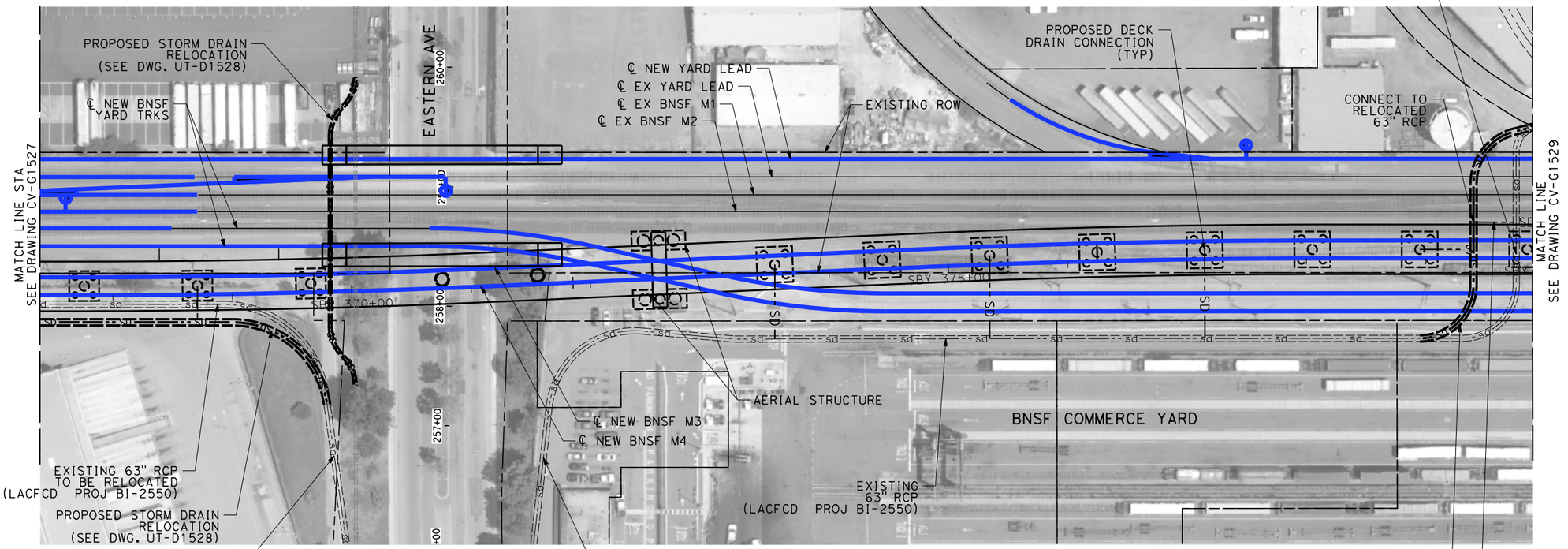
stv

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 SBY 354+50 TO STA SBY 367+00

CONTRACT NO. HSR06-0005
DRAWING NO. CV-G1527
SCALE 1" = 50'
SHEET NO.

$PLOT$



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

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CHECKED BY M. SATISH
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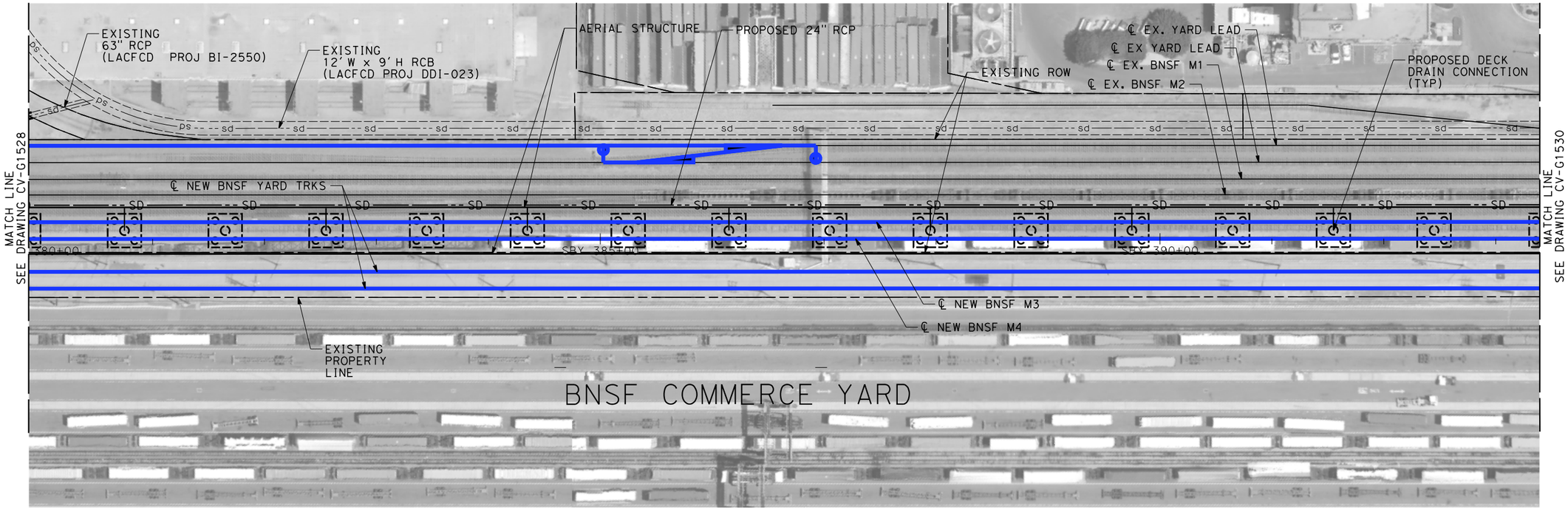
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CALIFORNIA HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM
RECORD SET
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION
GRADING AND DRAINAGE
STA SBY 367+00 TO STA SBY 379+50

CONTRACT NO. HSR06-0005
DRAWING NO. CV-G1528
SCALE 1" = 50'
SHEET NO.

$PLOT$



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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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
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DATE 02/28/25

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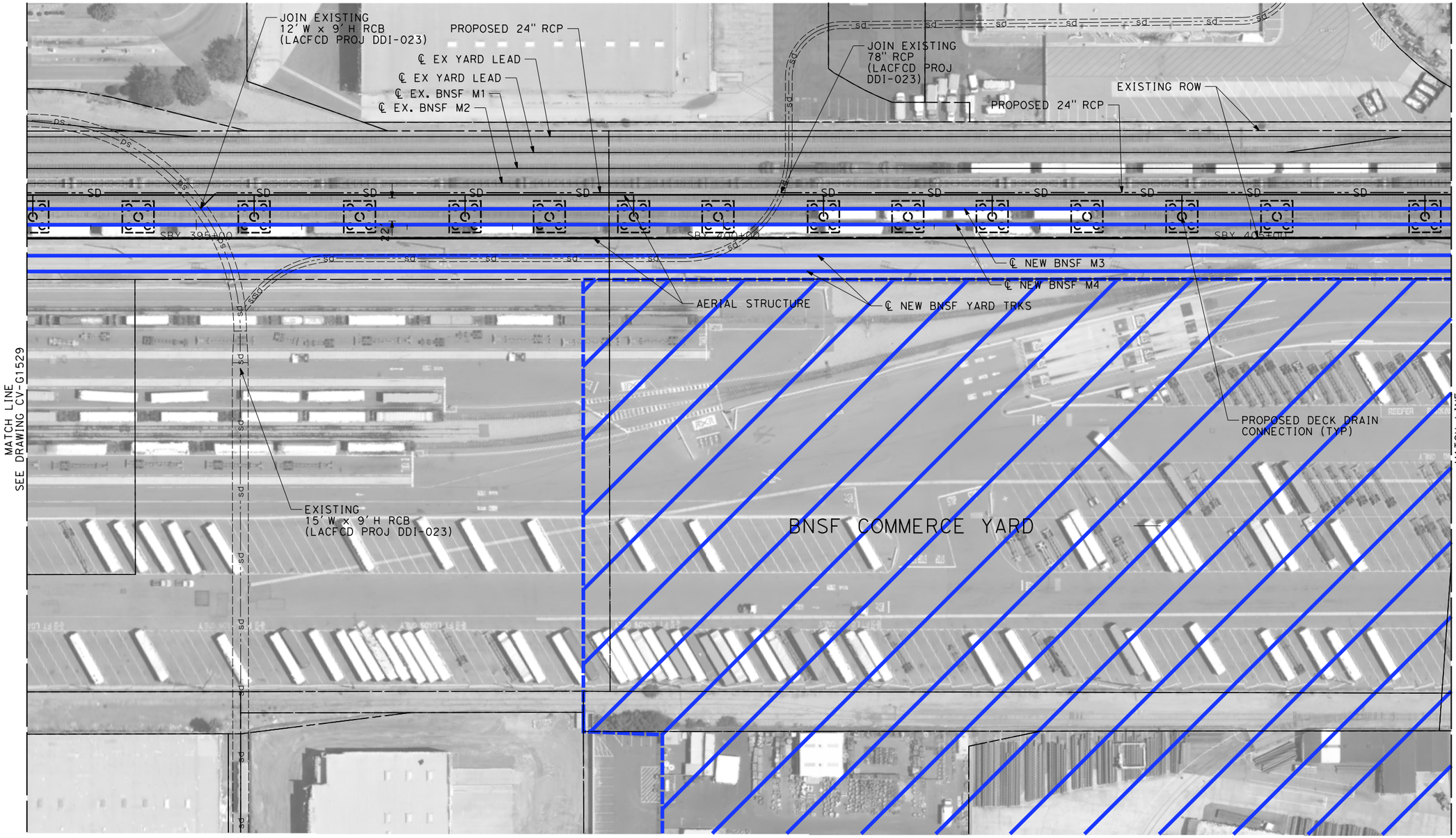
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CALIFORNIA HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM
RECORD SET
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION
GRADING AND DRAINAGE
STA SBY 379+50 TO STA SBY 393+00

CONTRACT NO. HSR06-0005
DRAWING NO. CV-G1529
SCALE 1" = 50'
SHEET NO.

$PLOT$



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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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
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DATE 02/28/25

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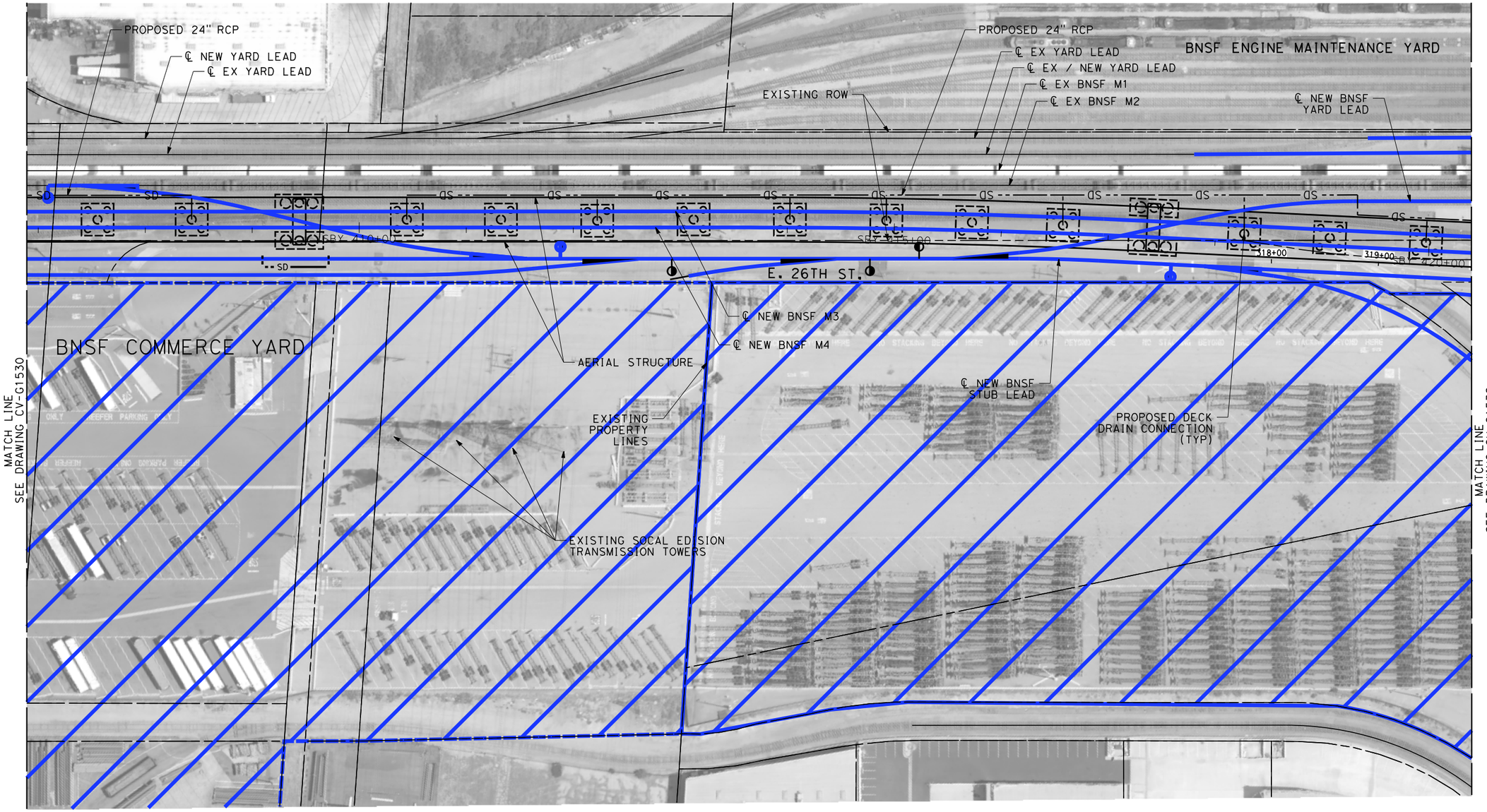
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CALIFORNIA HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM
RECORD SET
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION
GRADING AND DRAINAGE
STA SBY 393+00 TO STA SBY 406+50

CONTRACT NO. HSR06-0005
DRAWING NO. CV-G1530
SCALE 1" = 50'
SHEET NO.

$PLOT$



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

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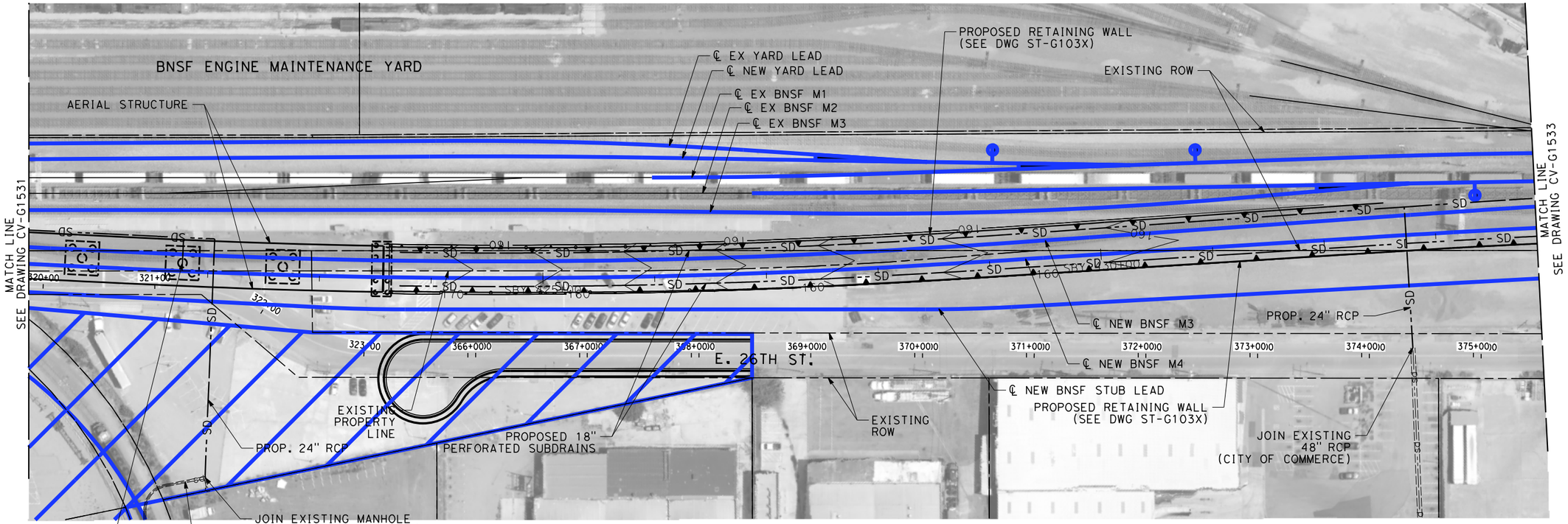
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CALIFORNIA HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM
RECORD SET
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION
GRADING AND DRAINAGE
STA SBY 406+50 TO STA SBY 420+00

CONTRACT NO. HSR06-0005
DRAWING NO. CV-G1531
SCALE 1" = 50'
SHEET NO.

$PLOT$



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
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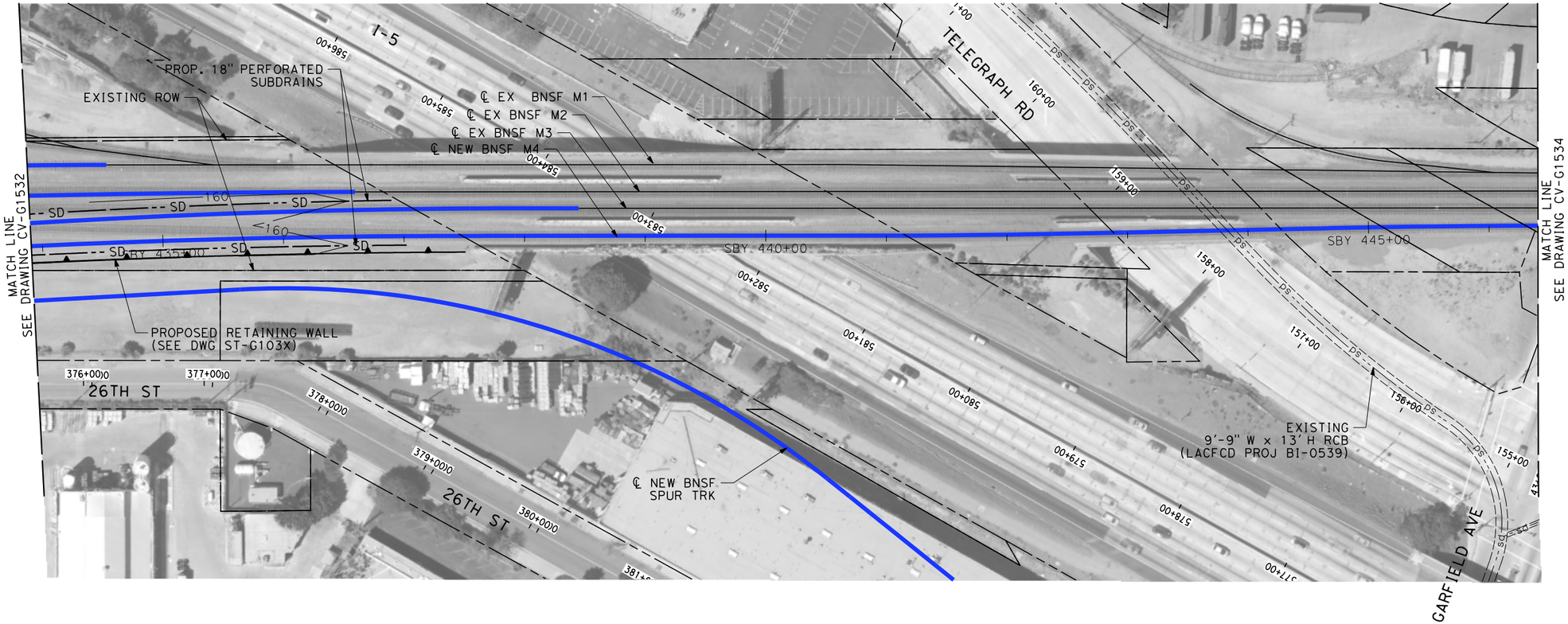
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CALIFORNIA HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM
RECORD SET
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION
GRADING AND DRAINAGE
STA SBY 420+00 TO STA SBY 433+50

CONTRACT NO. HSR06-0005
DRAWING NO. CV-G1532
SCALE 1" = 50'
SHEET NO.

$PLOT$



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
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DATE 02/28/25

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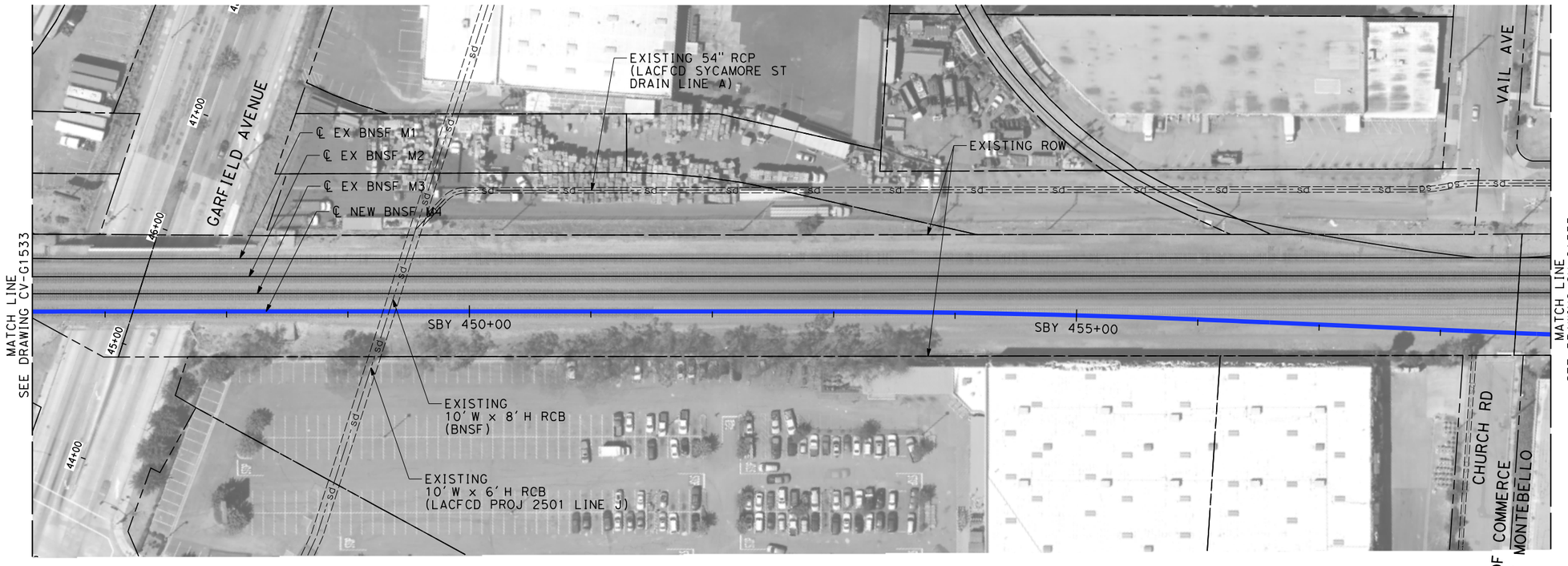
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CALIFORNIA HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM
RECORD SET
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION
GRADING AND DRAINAGE
STA SBY 433+50 TO STA SBY 446+00

CONTRACT NO. HSR06-0005
DRAWING NO. CV-G1533
SCALE 1" = 50'
SHEET NO.

$PLOT$



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

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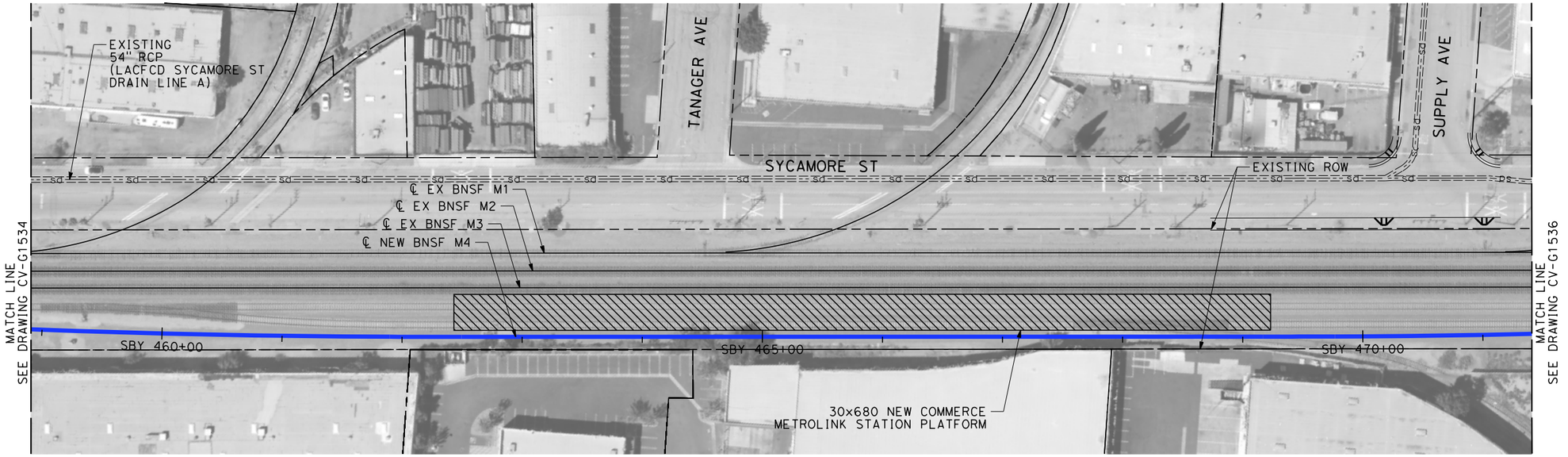
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CALIFORNIA HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM
RECORD SET
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION
GRADING AND DRAINAGE
STA SBY 446+00 TO STA SBY 458+50

CONTRACT NO. HSR06-0005
DRAWING NO. CV-G1534
SCALE 1" = 50'
SHEET NO.

$PLOT$



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

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 SBY 458+50 TO STA SBY 471+00

CONTRACT NO. HSR06-0005
DRAWING NO. CV-G1535
SCALE 1" = 50'
SHEET NO.

$PLOT$



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

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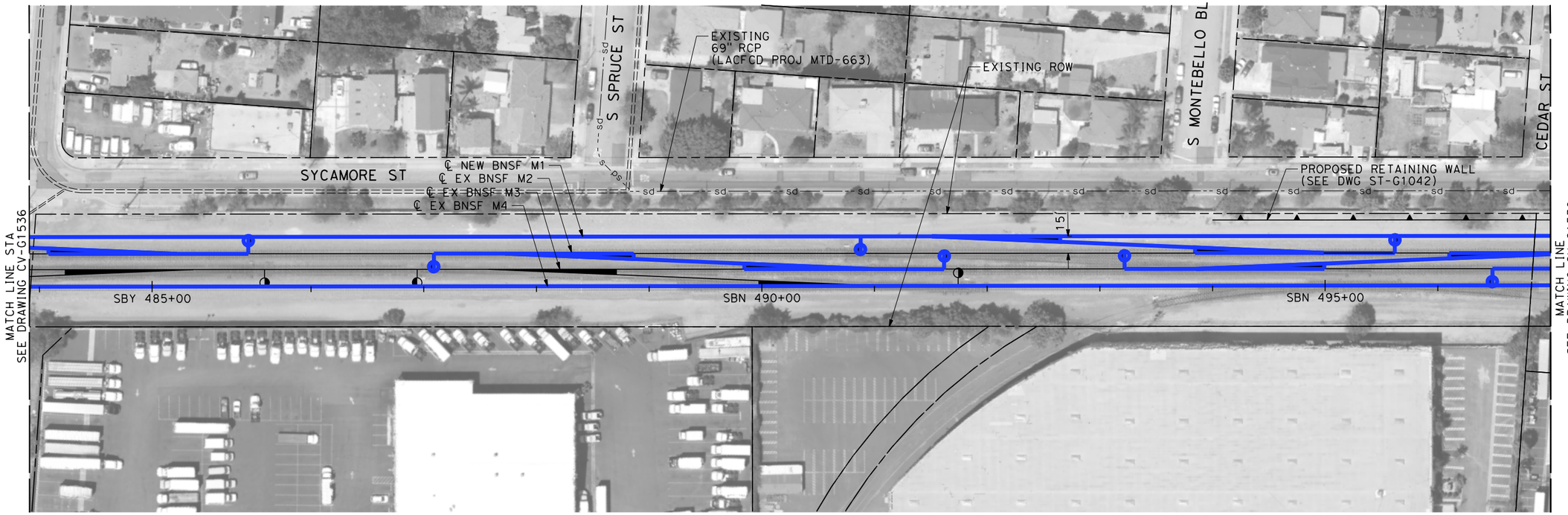
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CALIFORNIA HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM
RECORD SET
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION
GRADING AND DRAINAGE
STA SBY 471+00 TO STA SBY 483+50

CONTRACT NO. HSR06-0005
DRAWING NO. CV-G1536
SCALE 1" = 50'
SHEET NO.

$PLOT$



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

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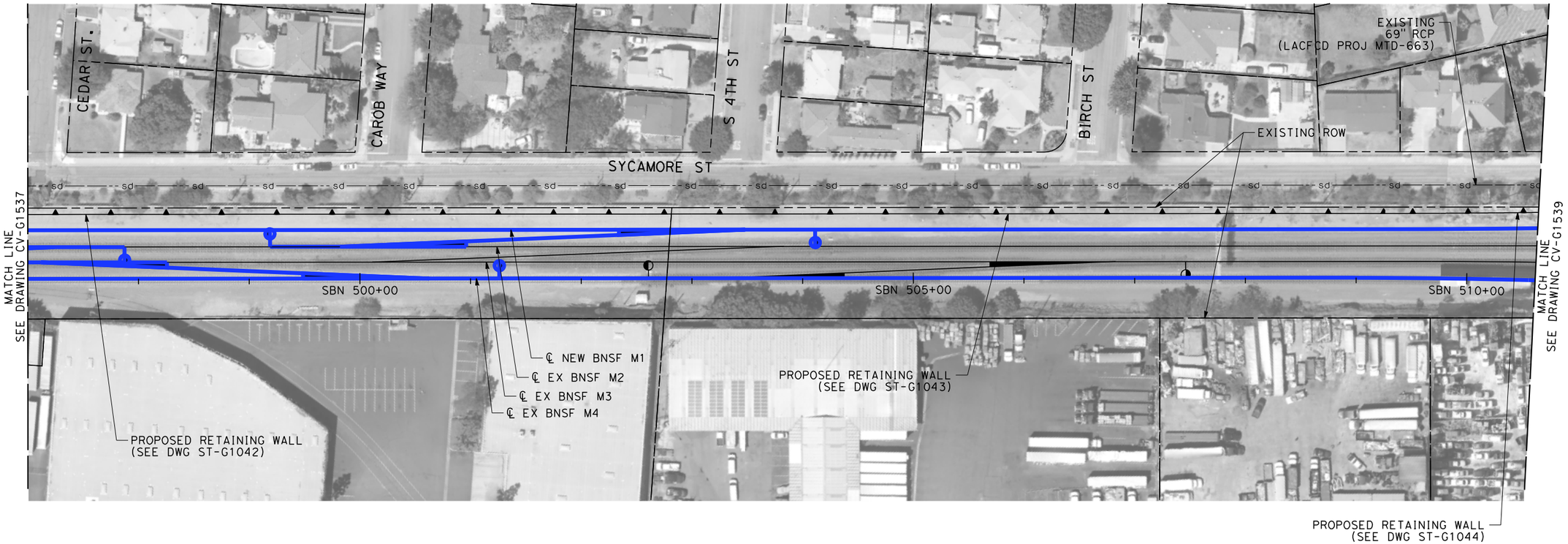
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CALIFORNIA HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM
RECORD SET
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION
GRADING AND DRAINAGE
STA SBY 483+50 TO STA SBN 497+00

CONTRACT NO. HSR06-0005
DRAWING NO. CV-G1537
SCALE 1" = 50'
SHEET NO.

$PLOT$



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

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PEPD SUBMITTAL FOR INTERNAL USE ONLY

NOT FOR CONSTRUCTION

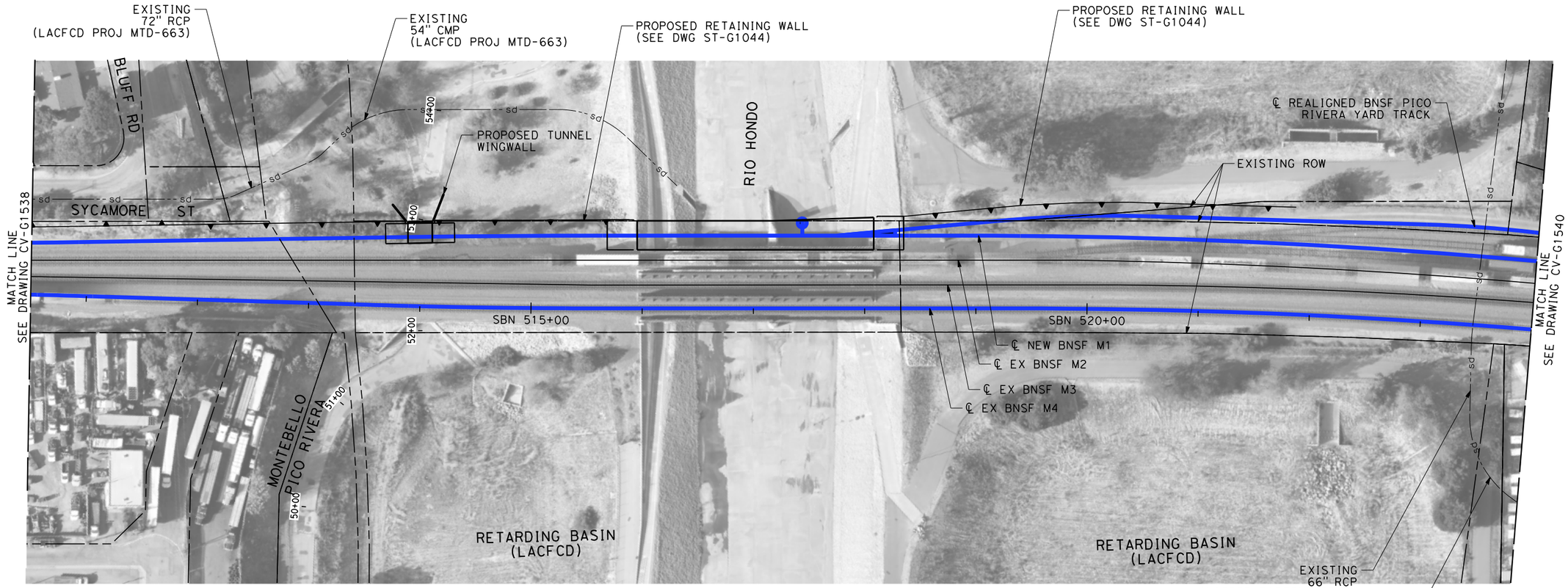
stv

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 497+00 TO STA SBN 510+50

CONTRACT NO. HSR06-0005
DRAWING NO. CV-G1538
SCALE 1" = 50'
SHEET NO.

$PLOT$



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

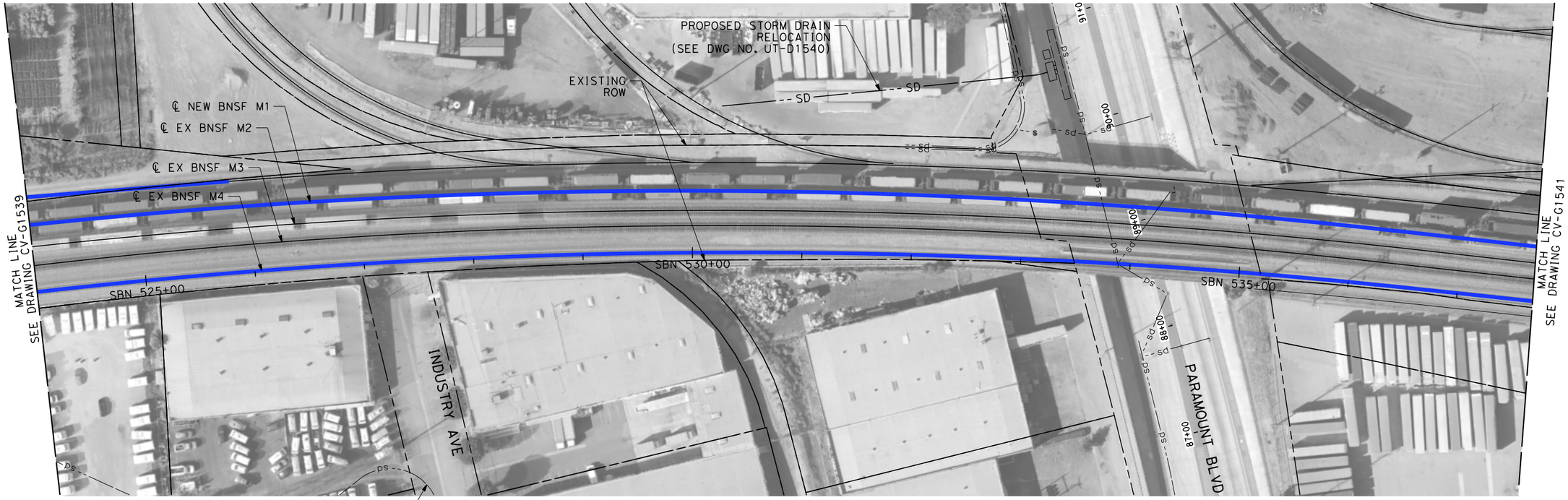
stv

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
DRAWING NO. CV-G1539
SCALE 1" = 50'
SHEET NO.

$PLOT$



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

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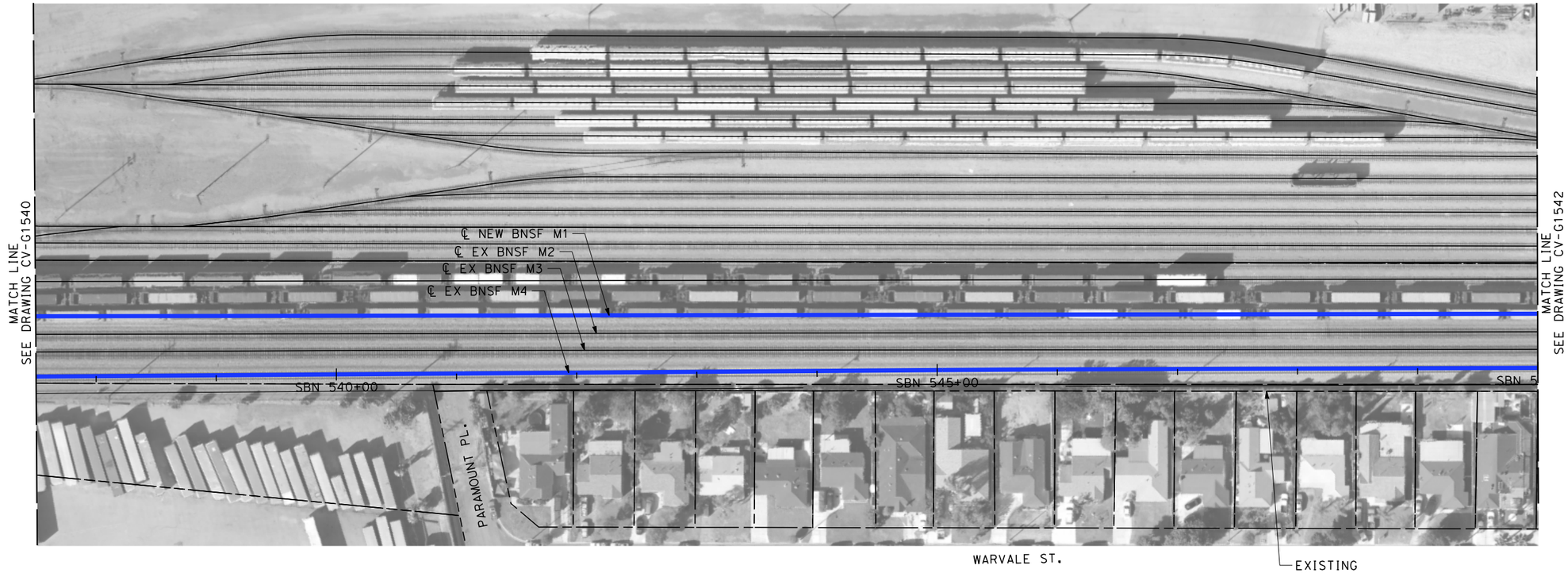
stv

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 524+00 TO STA SBN 537+50

CONTRACT NO. HSR06-0005
DRAWING NO. CV-G1540
SCALE 1" = 50'
SHEET NO.

$PLOT$



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

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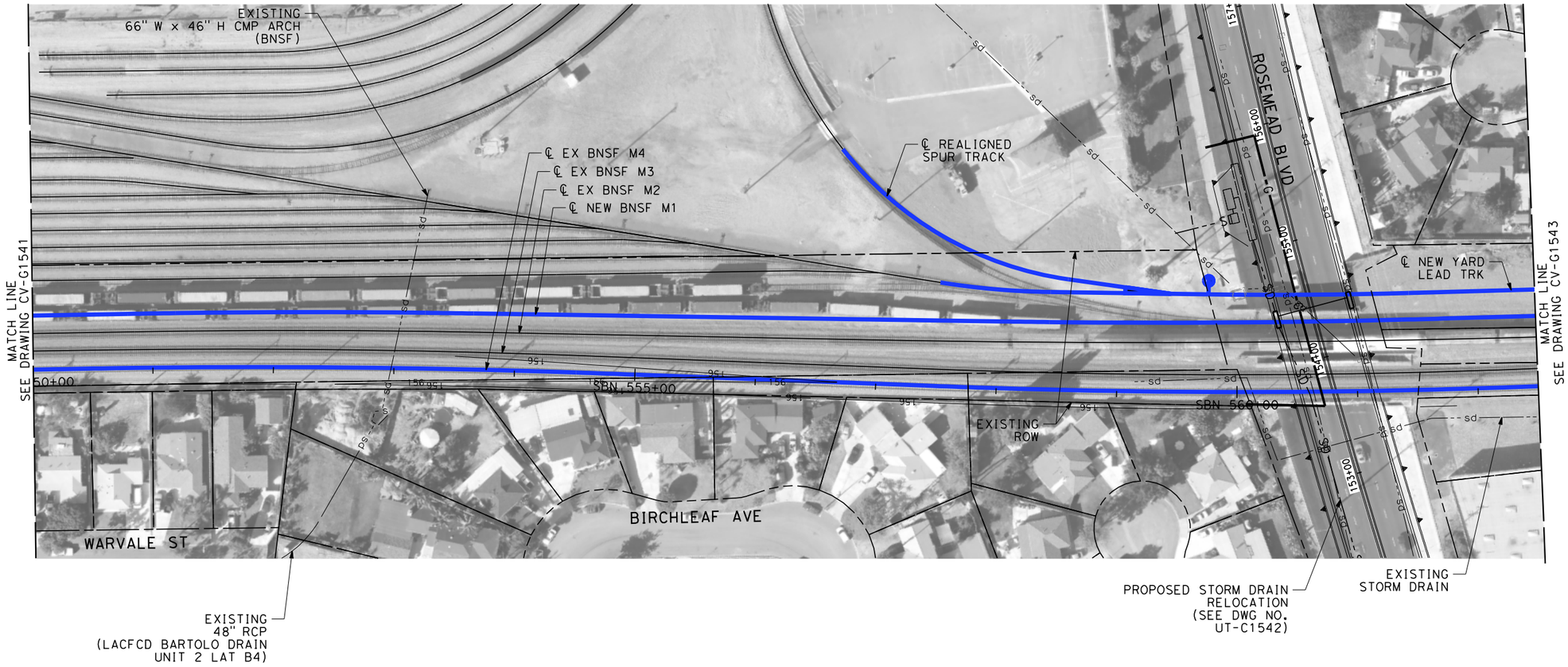
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CALIFORNIA HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM
RECORD SET
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION
GRADING AND DRAINAGE
STA SBN 537+50 TO STA SBN 550+00

CONTRACT NO. HSR06-0005
DRAWING NO. CV-G1541
SCALE 1" = 50'
SHEET NO.

$PLOT$



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

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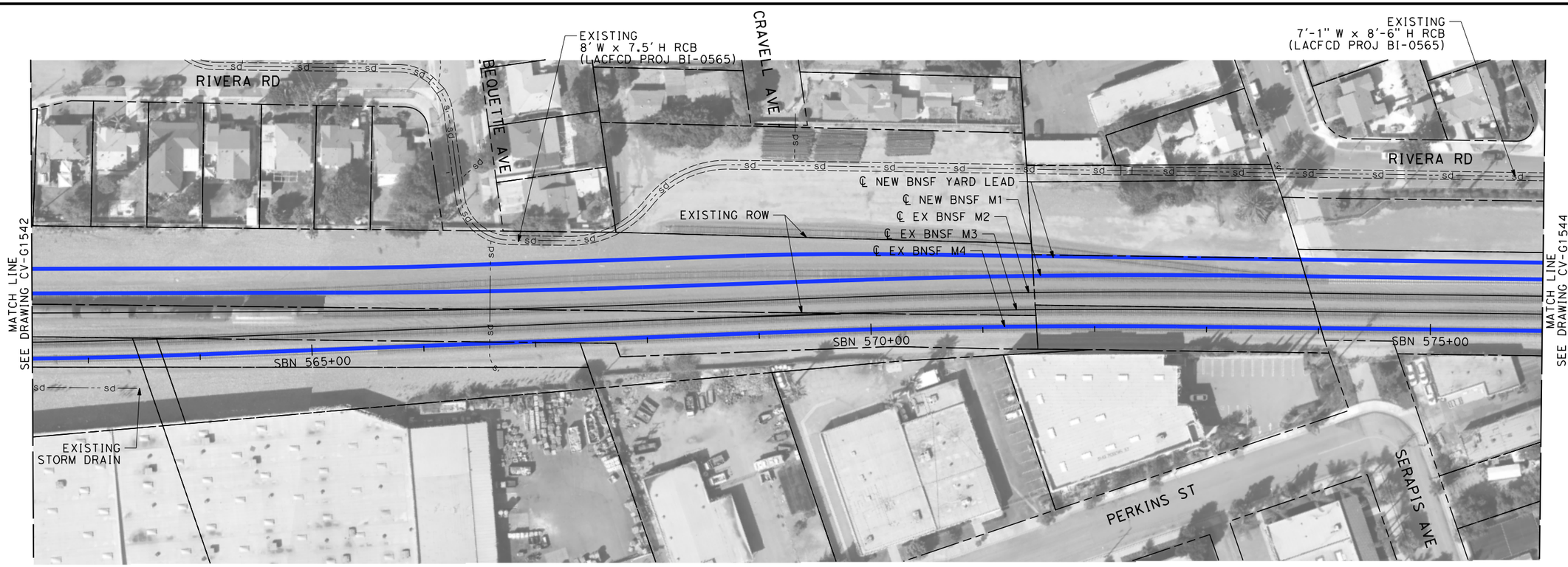
stv

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 550+00 TO STA SBN 562+50

CONTRACT NO. HSR06-0005
DRAWING NO. CV-G1542
SCALE 1" = 50'
SHEET NO.

$PLOT$



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

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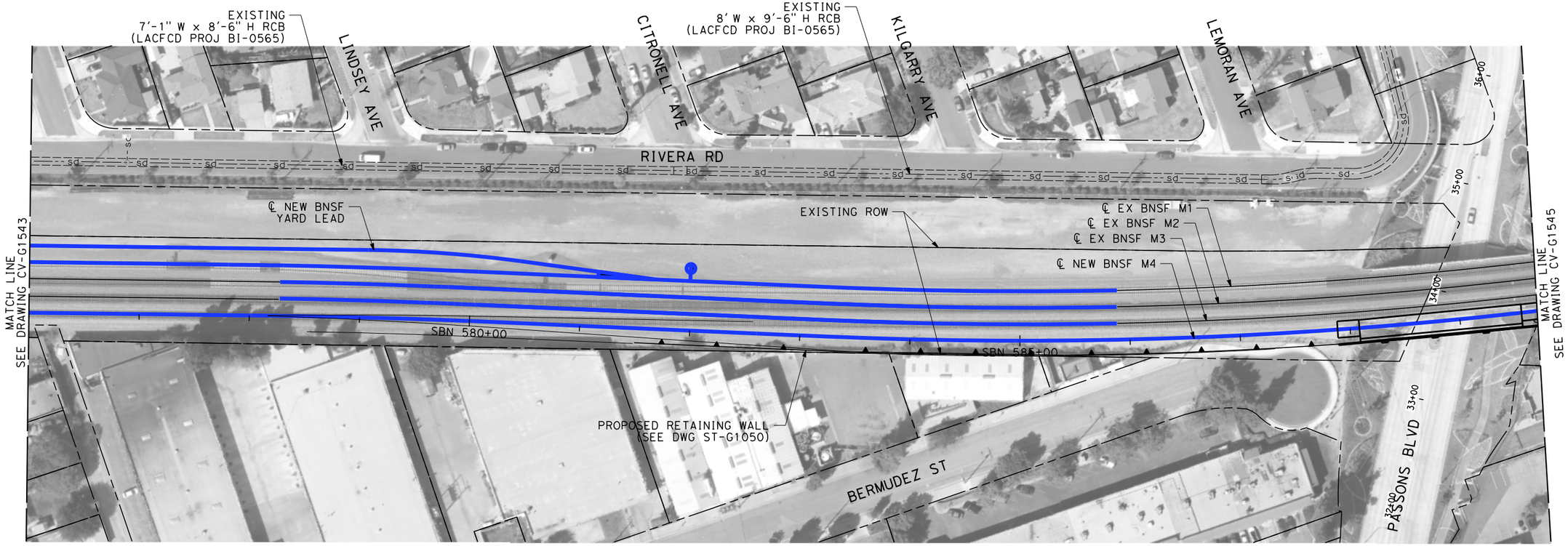
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CALIFORNIA HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM
RECORD SET
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION
GRADING AND DRAINAGE
STA SBN 562+50 TO STA SBN 576+00

CONTRACT NO. HSR06-0005
DRAWING NO. CV-G1543
SCALE 1" = 50'
SHEET NO.

$PLOT$



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

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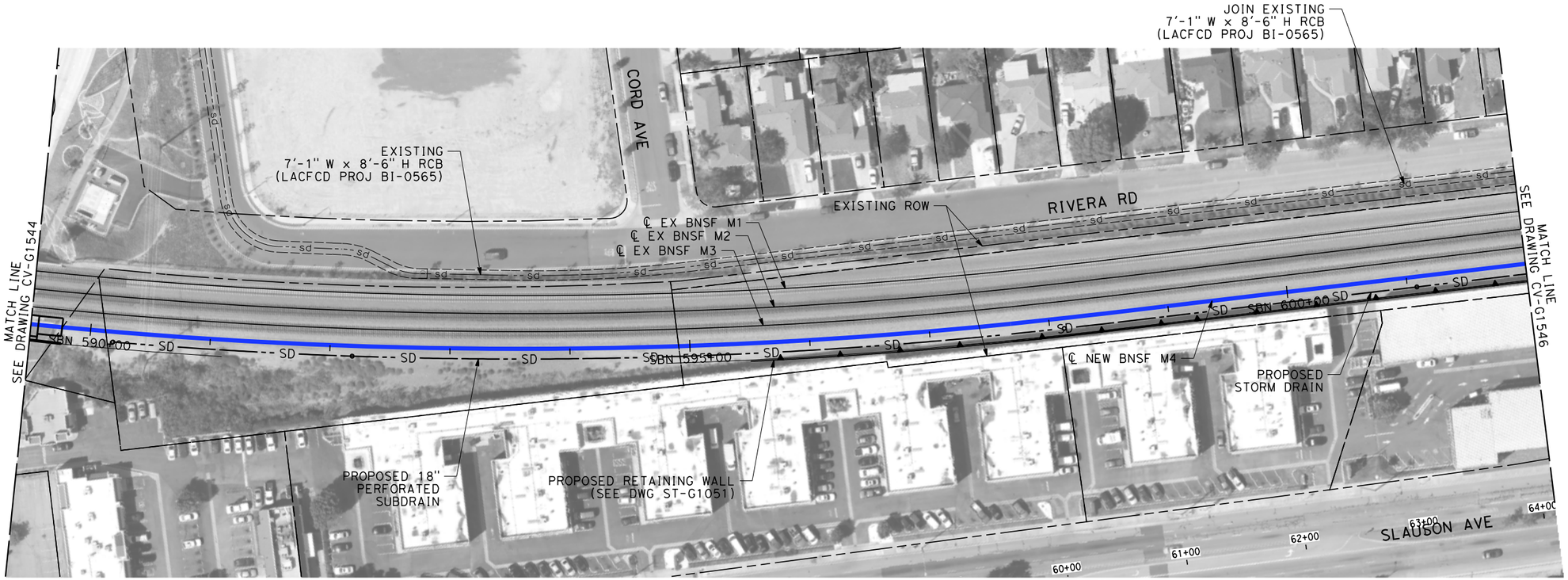
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CALIFORNIA HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM
RECORD SET
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION
GRADING AND DRAINAGE
STA SBN 576+00 TO STA SBN 589+50

CONTRACT NO. HSR06-0005
DRAWING NO. CV-G1544
SCALE 1" = 50'
SHEET NO.

$PLOT$



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
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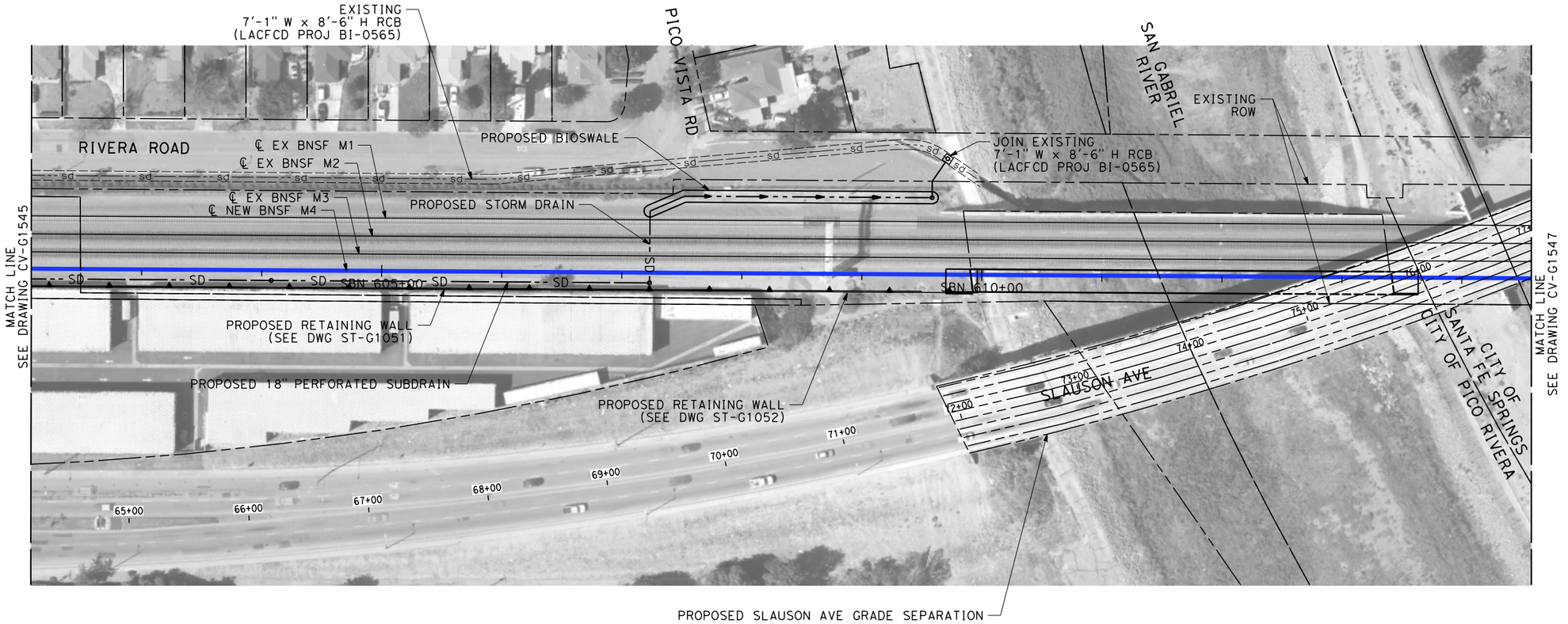
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CALIFORNIA HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM
RECORD SET
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION
GRADING AND DRAINAGE
STA SBN 589+50 TO STA SBN 602+00

CONTRACT NO. HSR06-0005
DRAWING NO. CV-G1545
SCALE 1" = 50'
SHEET NO.

$PLOT$



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

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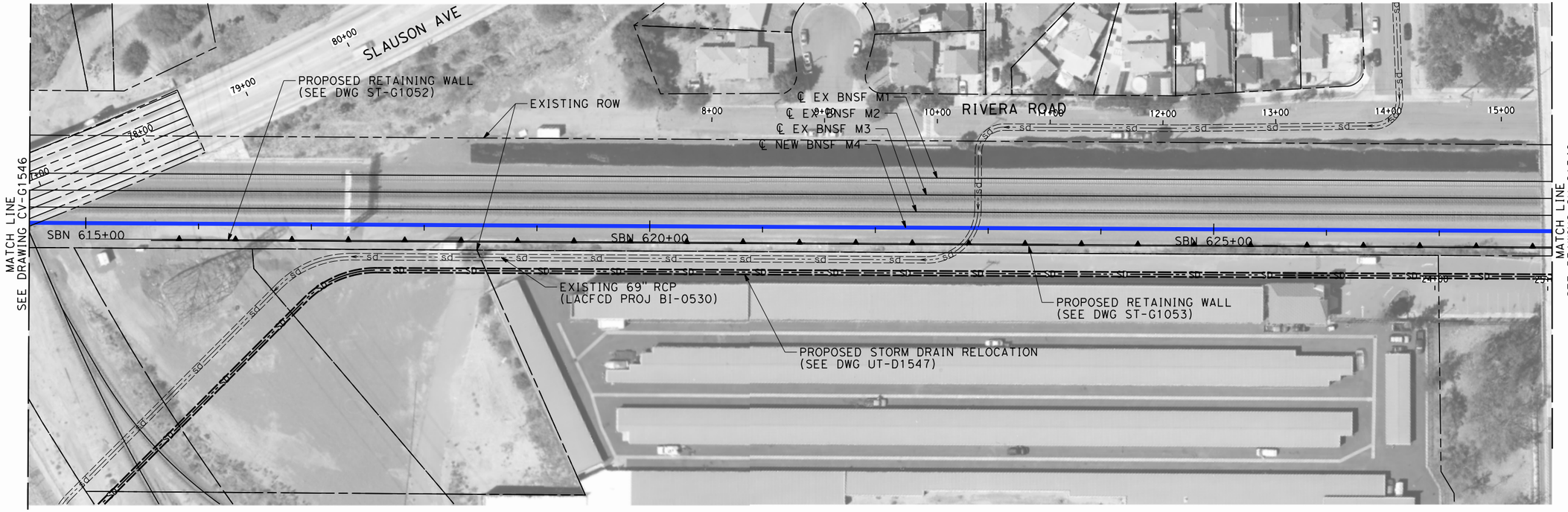
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CALIFORNIA HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM
RECORD SET
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION
GRADING AND DRAINAGE
STA SBN 602+00 TO STA SBN 614+50

CONTRACT NO. HSR06-0005
DRAWING NO. CV-G1546
SCALE 1" = 50'
SHEET NO.

$PLOT$



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

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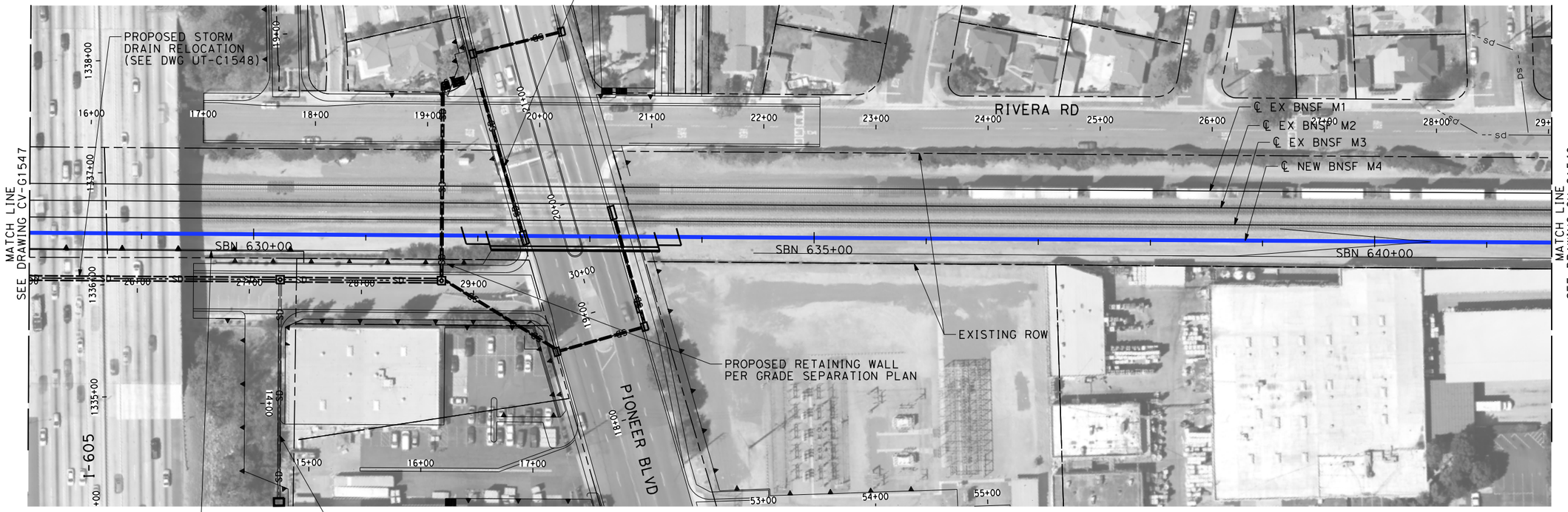
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CALIFORNIA HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM
RECORD SET
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION
GRADING AND DRAINAGE
STA SBN 614+50 TO STA SBN 628+00

CONTRACT NO. HSR06-0005
DRAWING NO. CV-G1547
SCALE 1" = 50'
SHEET NO.

$PLOT$



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
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DATE 02/28/25

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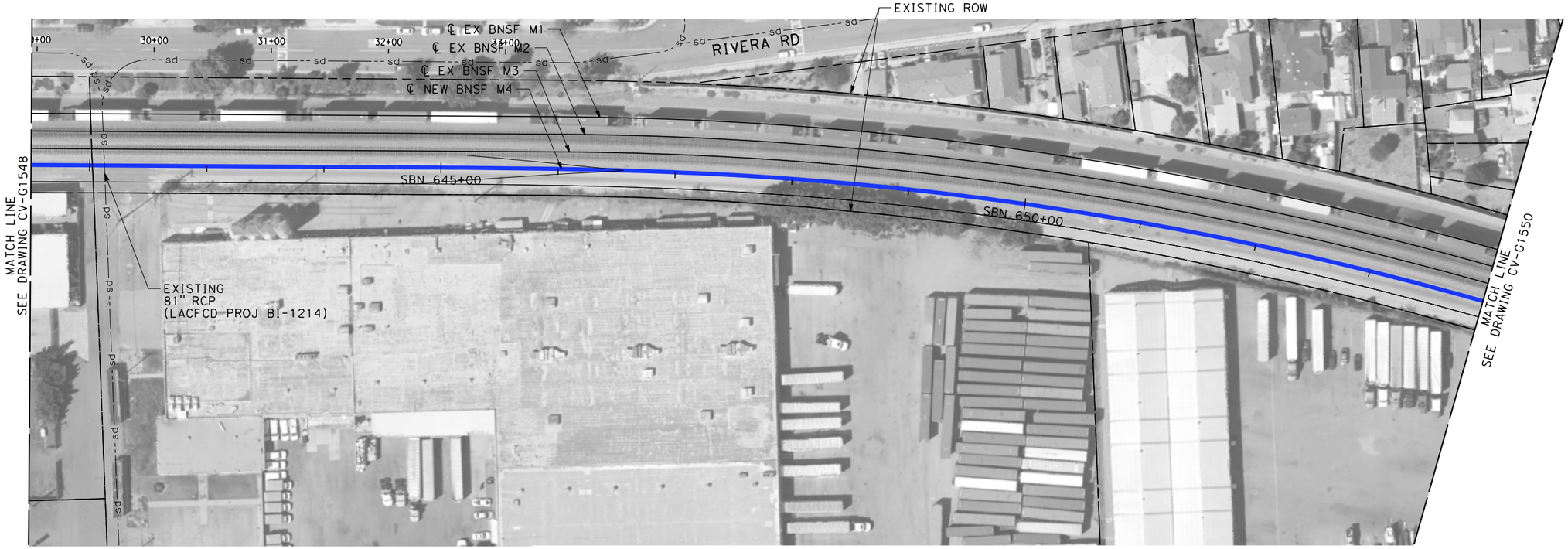
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CALIFORNIA HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM
RECORD SET
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION
GRADING AND DRAINAGE
STA SBN 628+00 TO STA SBN 641+50

CONTRACT NO. HSR06-0005
DRAWING NO. CV-G1548
SCALE 1" = 50'
SHEET NO.

$PLOT$



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

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 641+50 TO STA SBN 654+00

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

$PLOT$



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
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DATE 02/28/25

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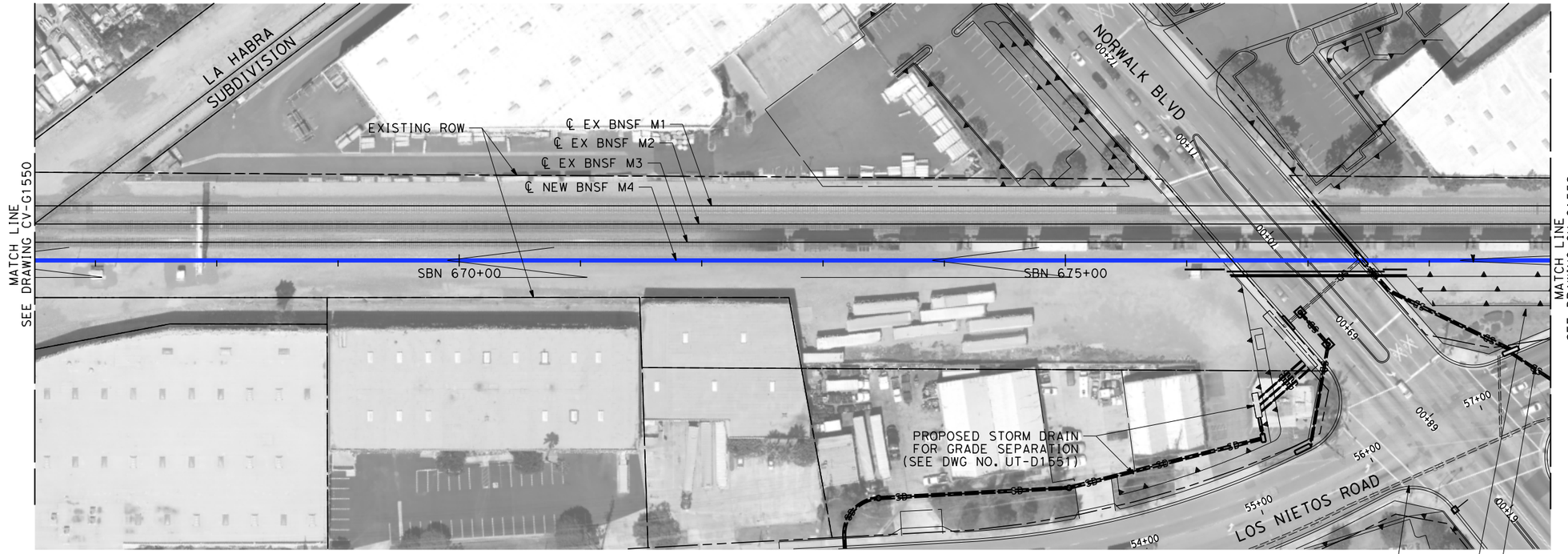
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CALIFORNIA HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM
RECORD SET
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION
GRADING AND DRAINAGE
STA SBN 654+00 TO STA SBN 666+50

CONTRACT NO. HSR06-0005
DRAWING NO. CV-G1550
SCALE 1" = 50'
SHEET NO.

$PLOT$



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
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DATE 02/28/25

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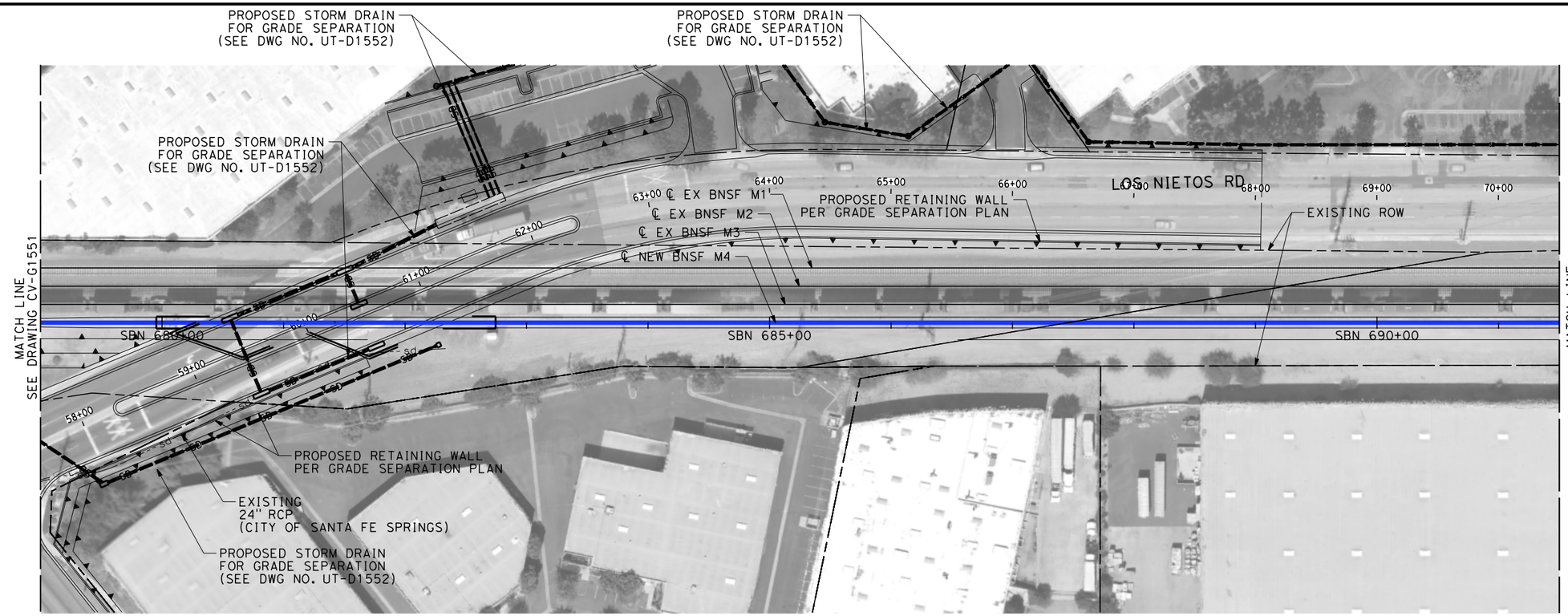
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CALIFORNIA HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM
RECORD SET
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION
GRADING AND DRAINAGE
STA SBN 666+50 TO STA SBN 679+00

CONTRACT NO. HSR06-0005
DRAWING NO. CV-G1551
SCALE 1" = 50'
SHEET NO.

$PLOT$



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
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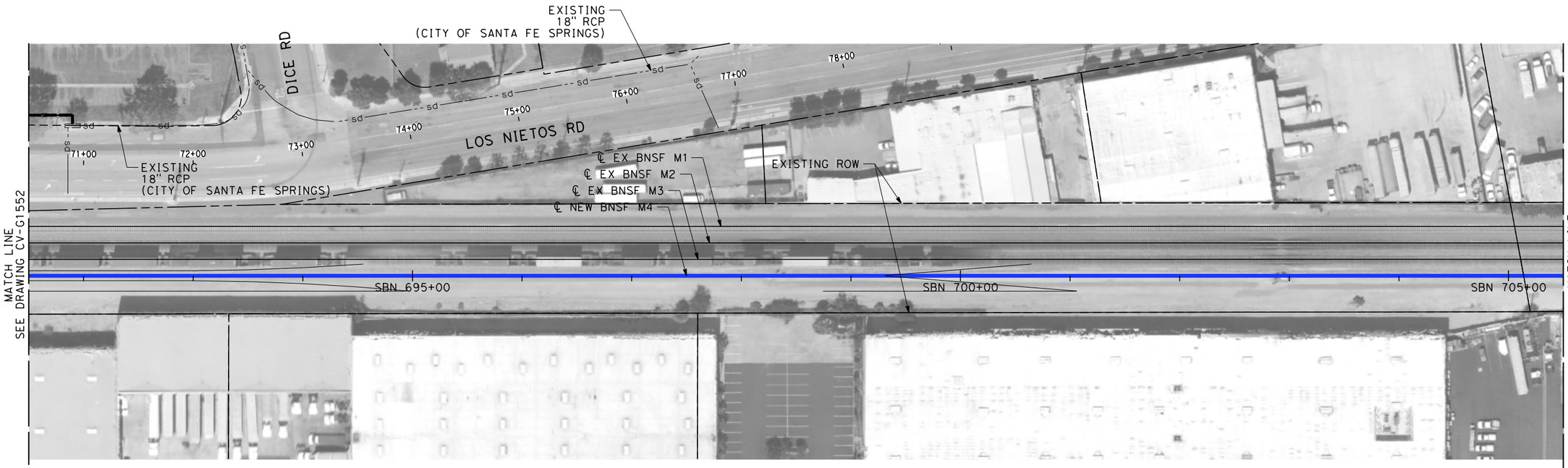
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CALIFORNIA HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM
RECORD SET
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION
GRADING AND DRAINAGE
STA SBN 679+00 TO STA SBN 691+50

CONTRACT NO. HSR06-0005
DRAWING NO. CV-G1552
SCALE 1" = 50'
SHEET NO.

$PLOT$



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

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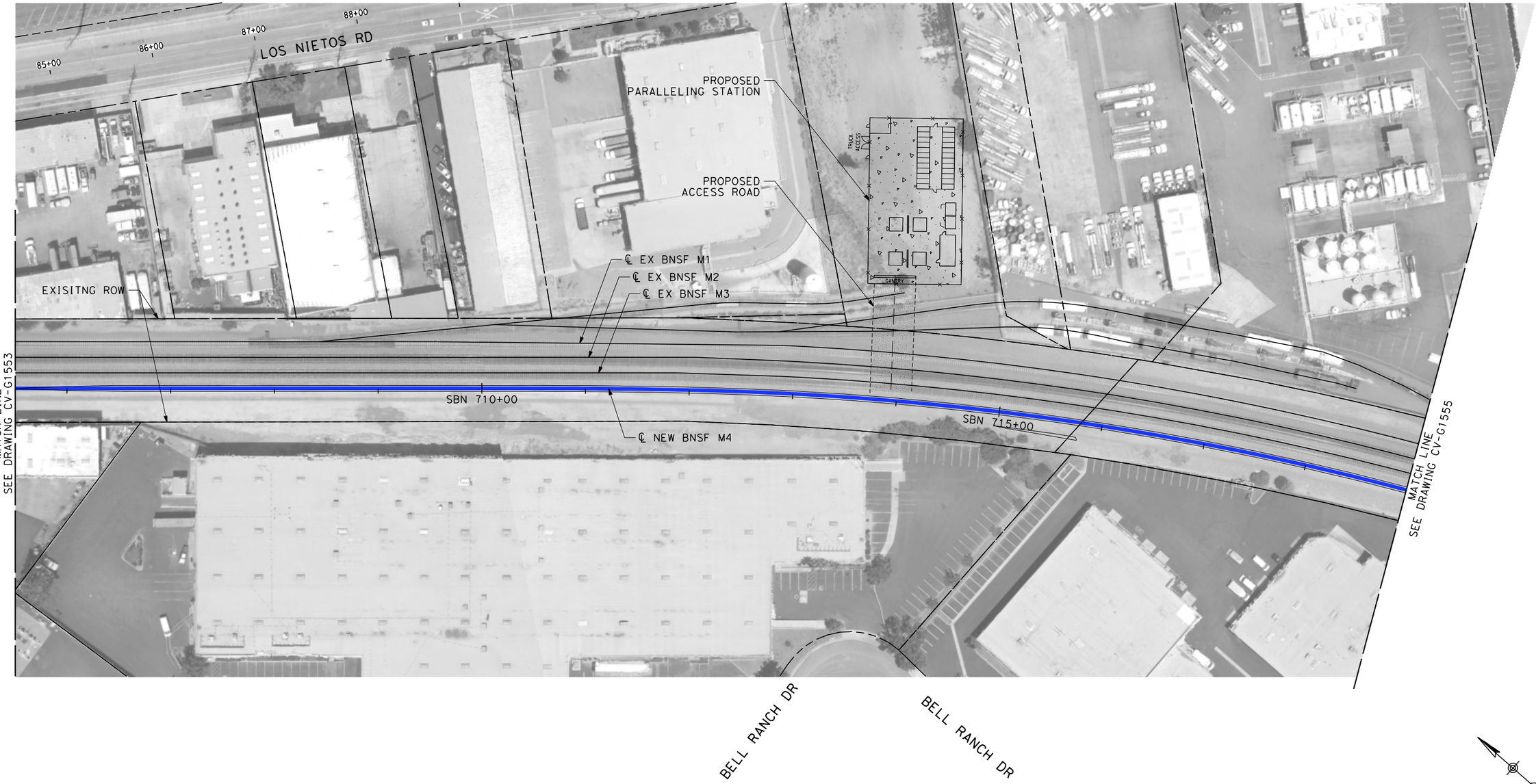
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CALIFORNIA HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM
RECORD SET
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION
GRADING AND DRAINAGE
STA SBN 691+50 TO STA SBN 705+50

CONTRACT NO. HSR06-0005
DRAWING NO. CV-G1553
SCALE 1" = 50'
SHEET NO.

$PLOT$



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

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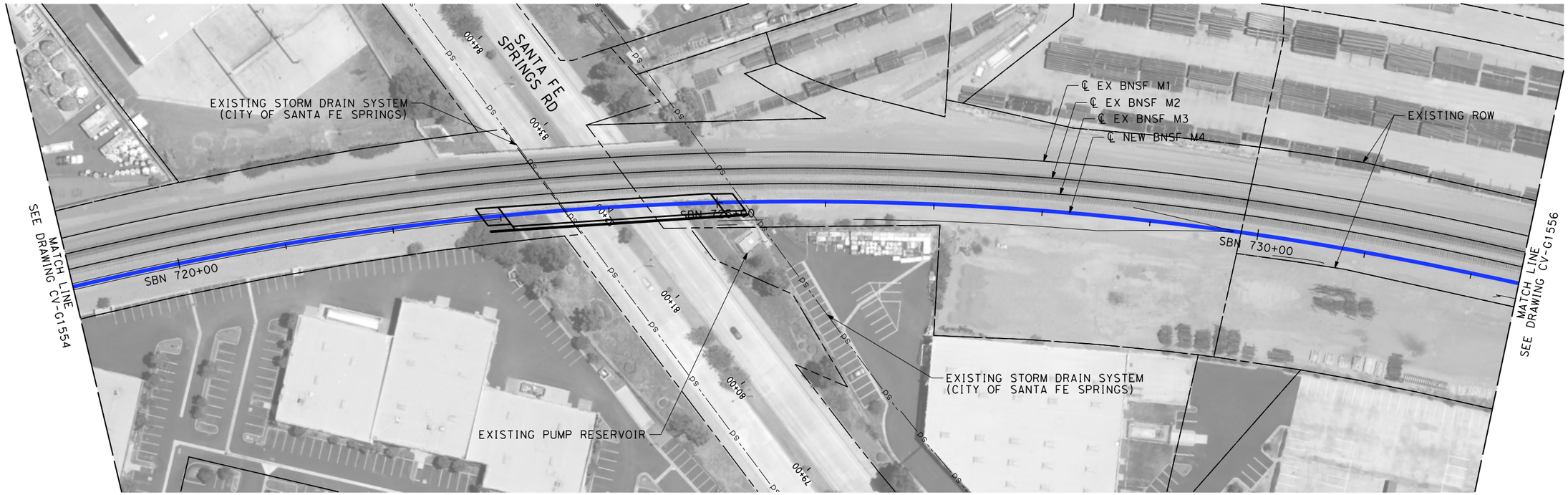
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CALIFORNIA HIGH-SPEED RAIL AUTHORITY

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
DRAWING NO. CV-G1554
SCALE 1" = 50'
SHEET NO.

$PLOT$



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

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IN CHARGE J. SWANSON
DATE 02/28/25

PEPD SUBMITTAL FOR INTERNAL USE ONLY

NOT FOR CONSTRUCTION

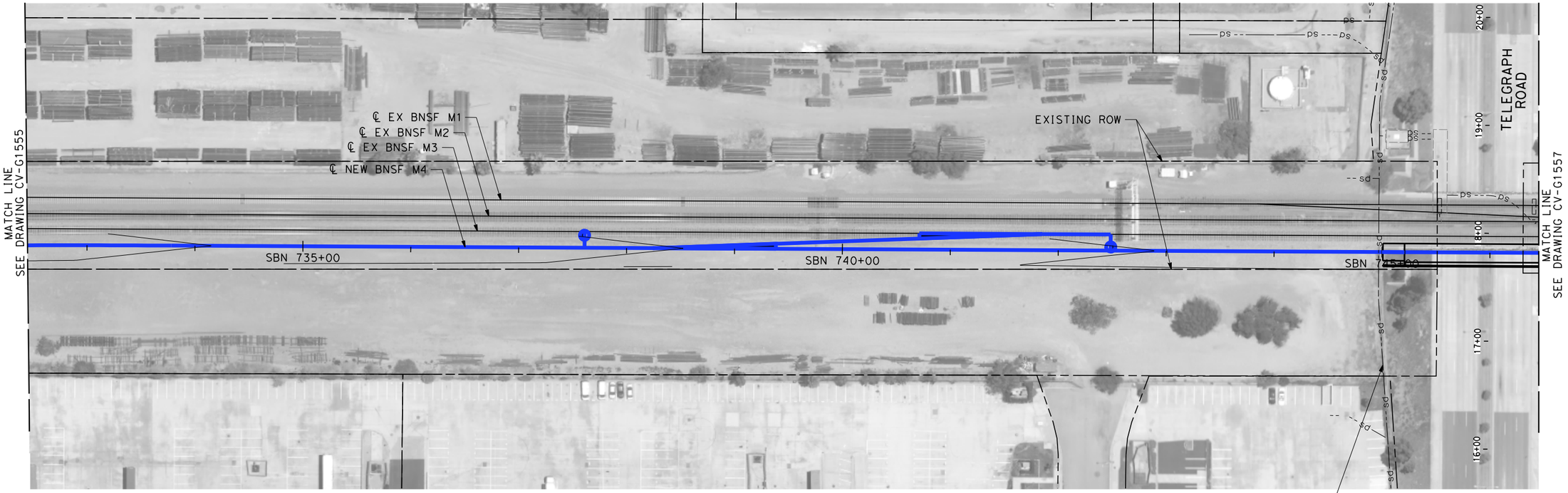
stv

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 719+00 TO STA SBN 732+50

CONTRACT NO. HSR06-0005
DRAWING NO. CV-G1555
SCALE 1" = 50'
SHEET NO.

$PLOT$



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

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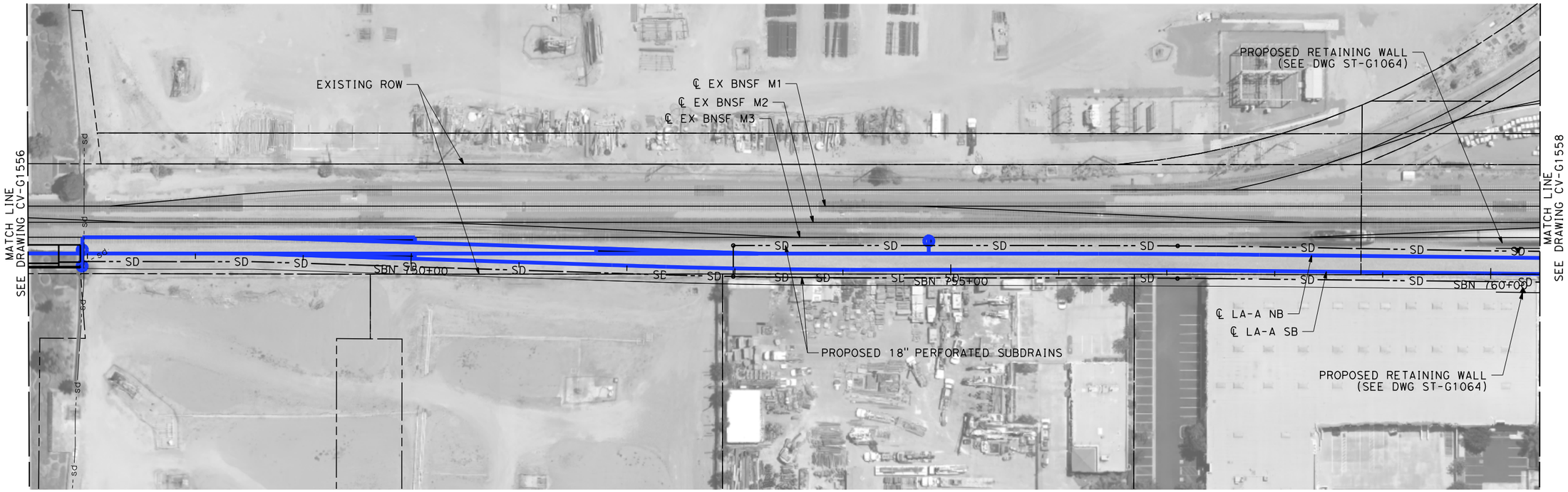
stv

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 732+50 TO STA SBN 746+50

CONTRACT NO. HSR06-0005
DRAWING NO. CV-G1556
SCALE 1" = 50'
SHEET NO.

$PLOT$



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

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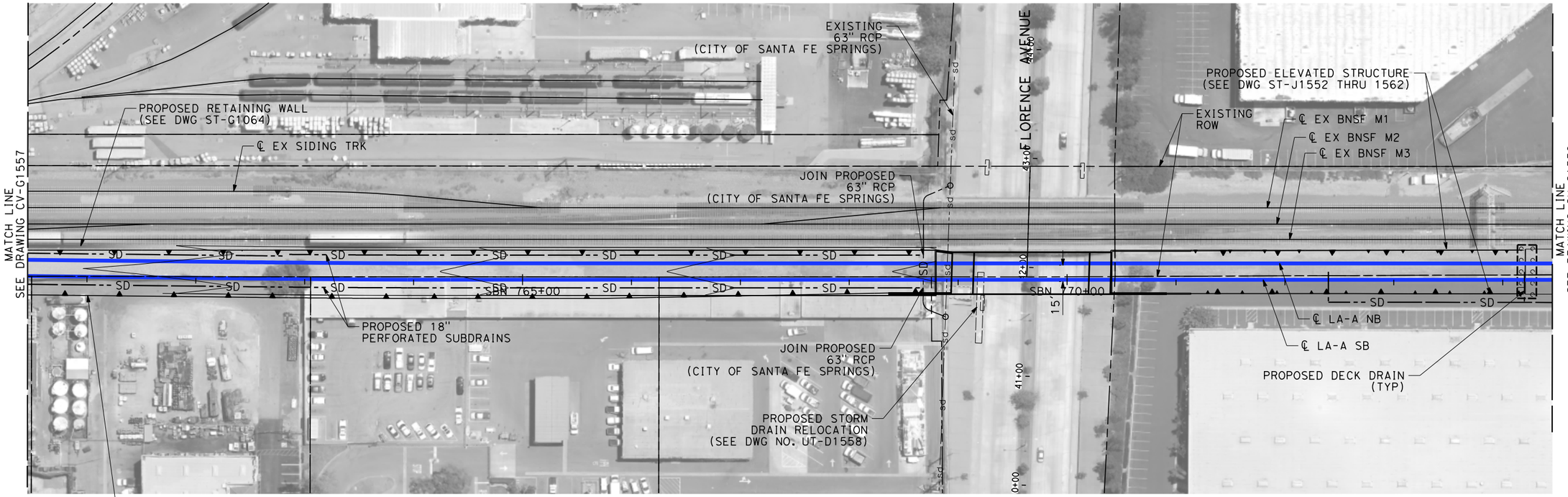
stv

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 746+50 TO STA SBN 760+50

CONTRACT NO. HSR06-0005
DRAWING NO. CV-G1557
SCALE 1" = 50'
SHEET NO.

$PLOT$



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
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DATE 02/28/25

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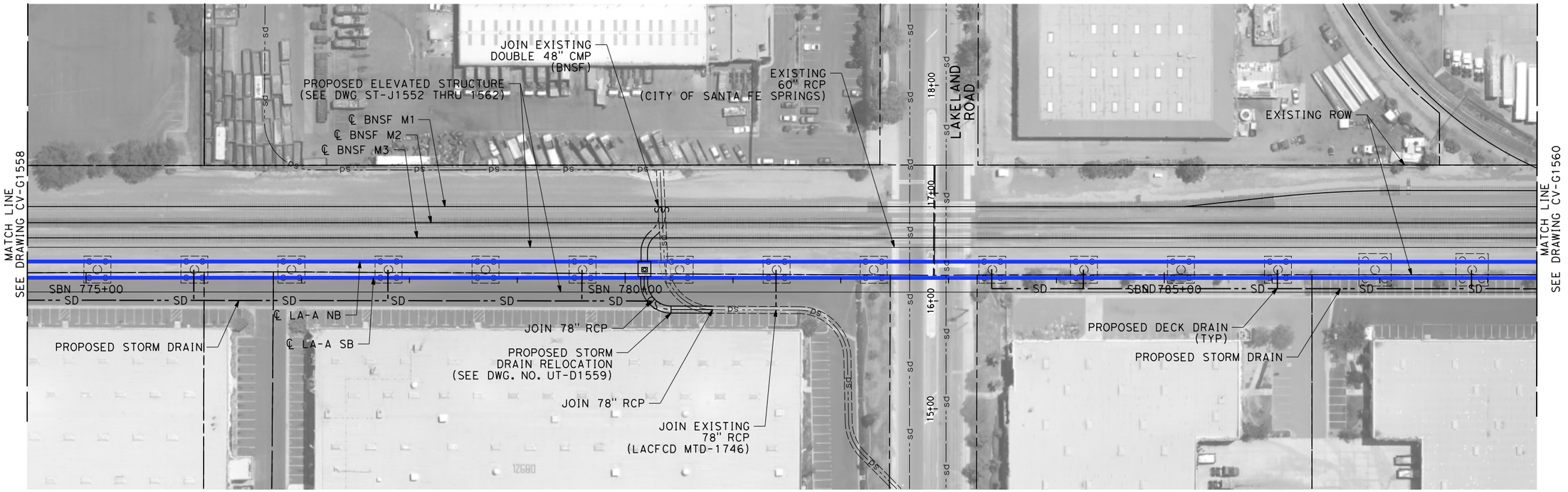
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CALIFORNIA HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM
RECORD SET
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION
GRADING AND DRAINAGE
STA SBN 760+50 TO STA SBN 774+50

CONTRACT NO. HSR06-0005
DRAWING NO. CV-G1558
SCALE 1" = 50'
SHEET NO.

$PLOT$



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

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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 774+50 TO STA SBN 788+50

CONTRACT NO. HSR06-0005
DRAWING NO. CV-G1559
SCALE 1" = 50'
SHEET NO.

$PLOT$



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

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DESIGNED BY R. WONG
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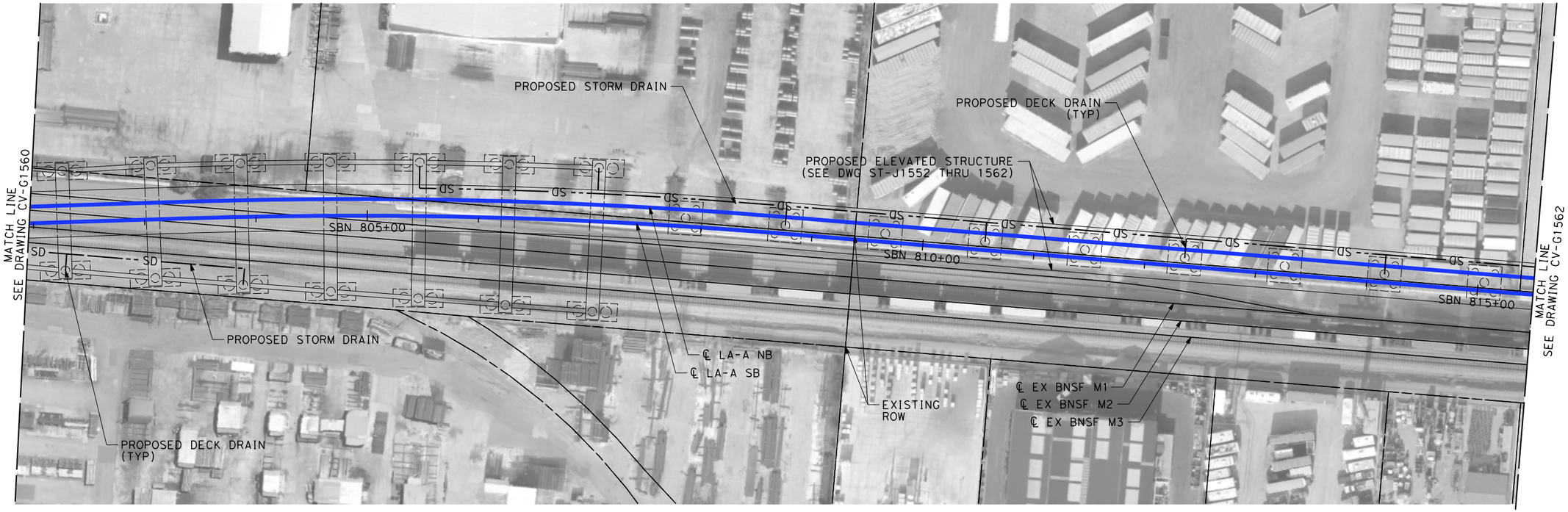
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CALIFORNIA HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM
RECORD SET
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION
GRADING AND DRAINAGE
STA SBN 788+50 TO STA SBN 802+00

CONTRACT NO. HSR06-0005
DRAWING NO. CV-G1560
SCALE 1" = 50'
SHEET NO.

$PLOT$



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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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
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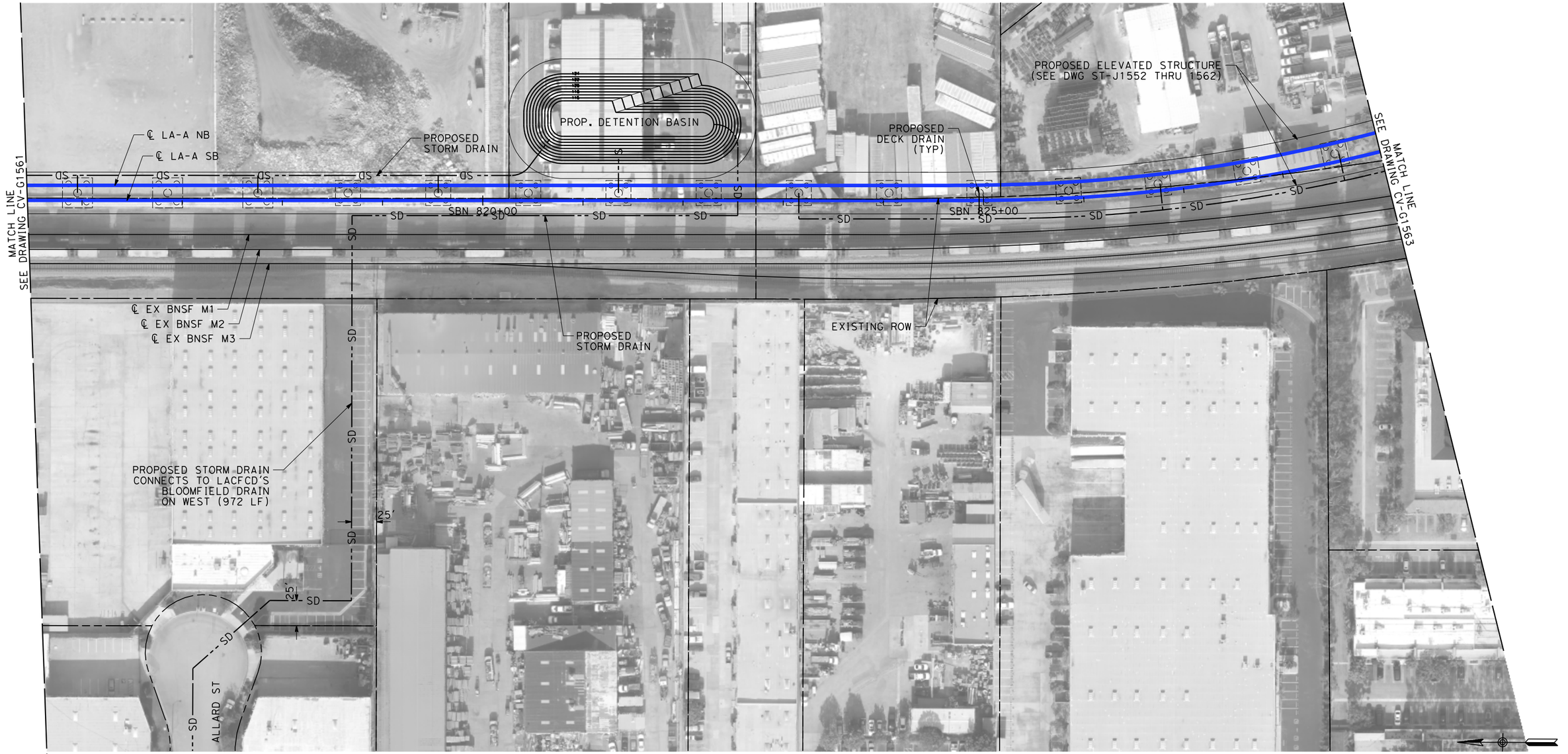
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CALIFORNIA HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM
RECORD SET
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION
GRADING AND DRAINAGE
STA SBN 802+00 TO STA SBN 815+50

CONTRACT NO. HSR06-0005
DRAWING NO. CV-G1561
SCALE 1" = 50'
SHEET NO.

$PLOT$



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
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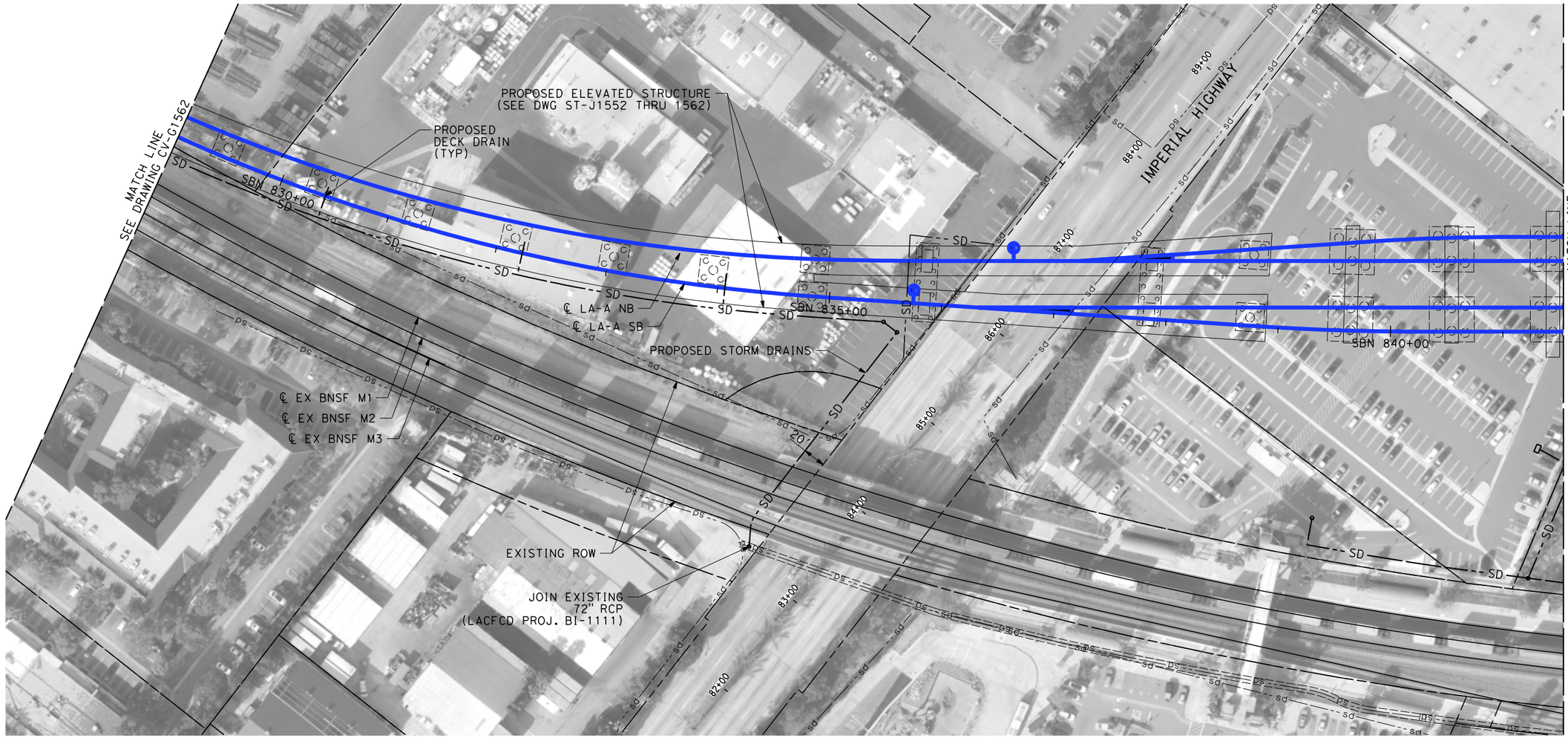
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CALIFORNIA HIGH-SPEED RAIL AUTHORITY

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.

$PLOT$



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

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DESIGNED BY R. WONG
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CHECKED BY M. SATISH
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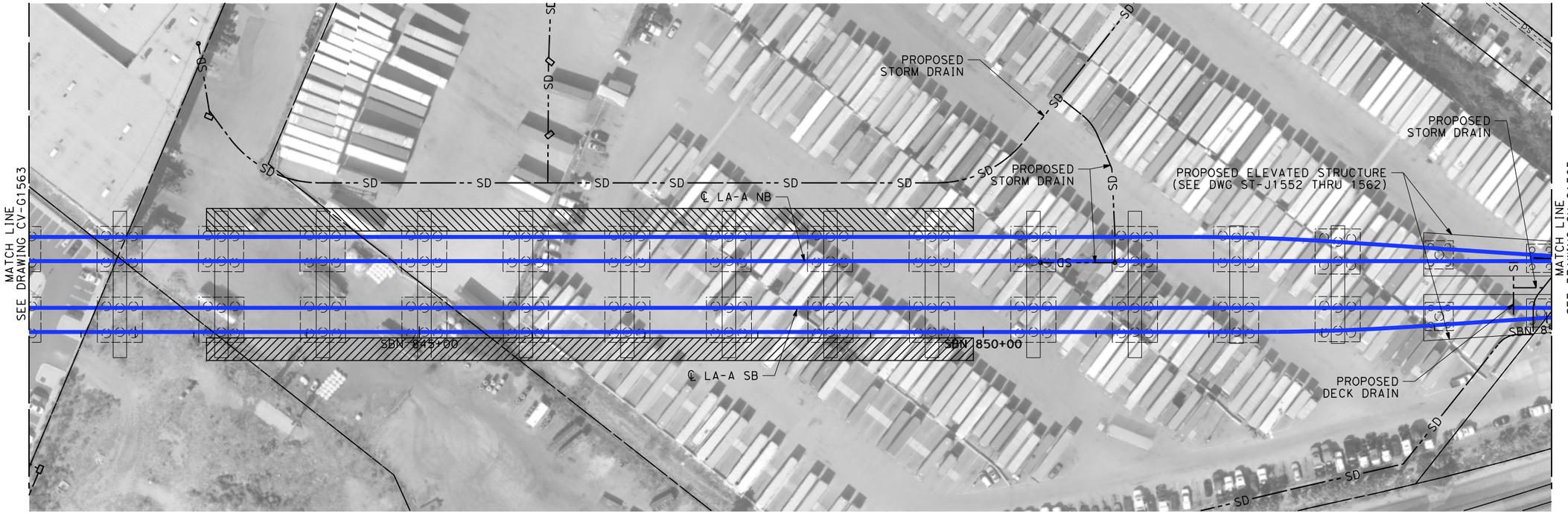
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CALIFORNIA HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM
RECORD SET
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION
GRADING AND DRAINAGE
STA SBN 829+00 TO STA SBN 841+50

CONTRACT NO. HSR06-0005
DRAWING NO. CV-G1563
SCALE 1" = 50'
SHEET NO.

$PLOT$



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

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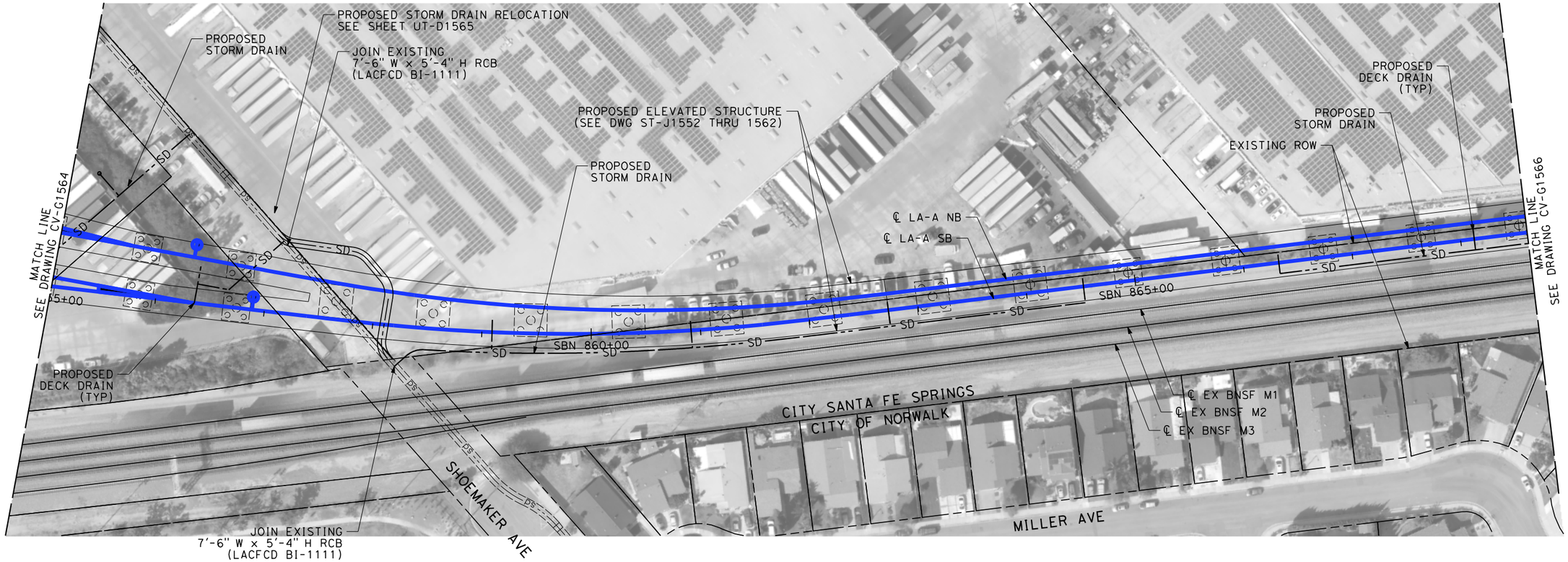
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CALIFORNIA HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM
RECORD SET
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION
GRADING AND DRAINAGE
STA SBN 841+50 TO STA SBN 855+00

CONTRACT NO. HSR06-0005
DRAWING NO. CV-G1564
SCALE 1" = 50'
SHEET NO.

$PLOT$



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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FOR INTERNAL USE ONLY

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

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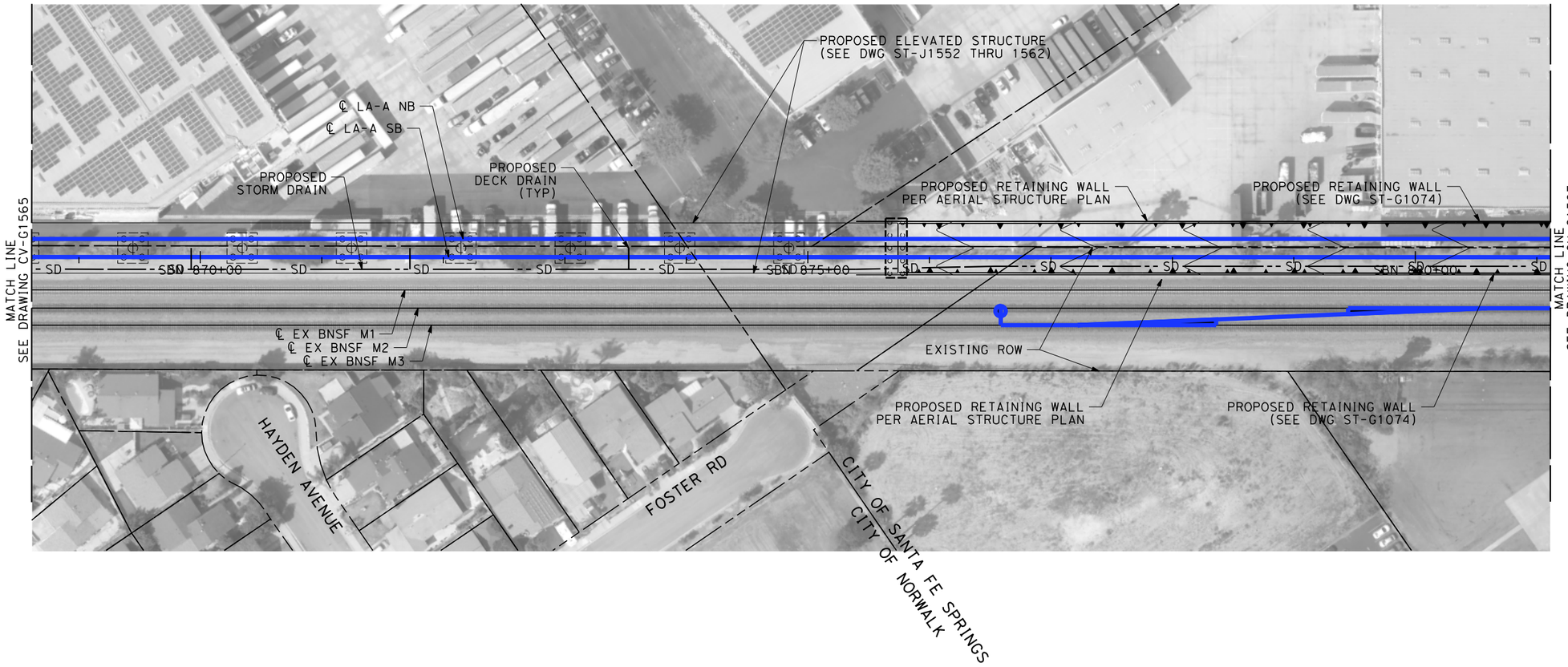
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CALIFORNIA HIGH-SPEED RAIL AUTHORITY

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.

$PLOT$



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'
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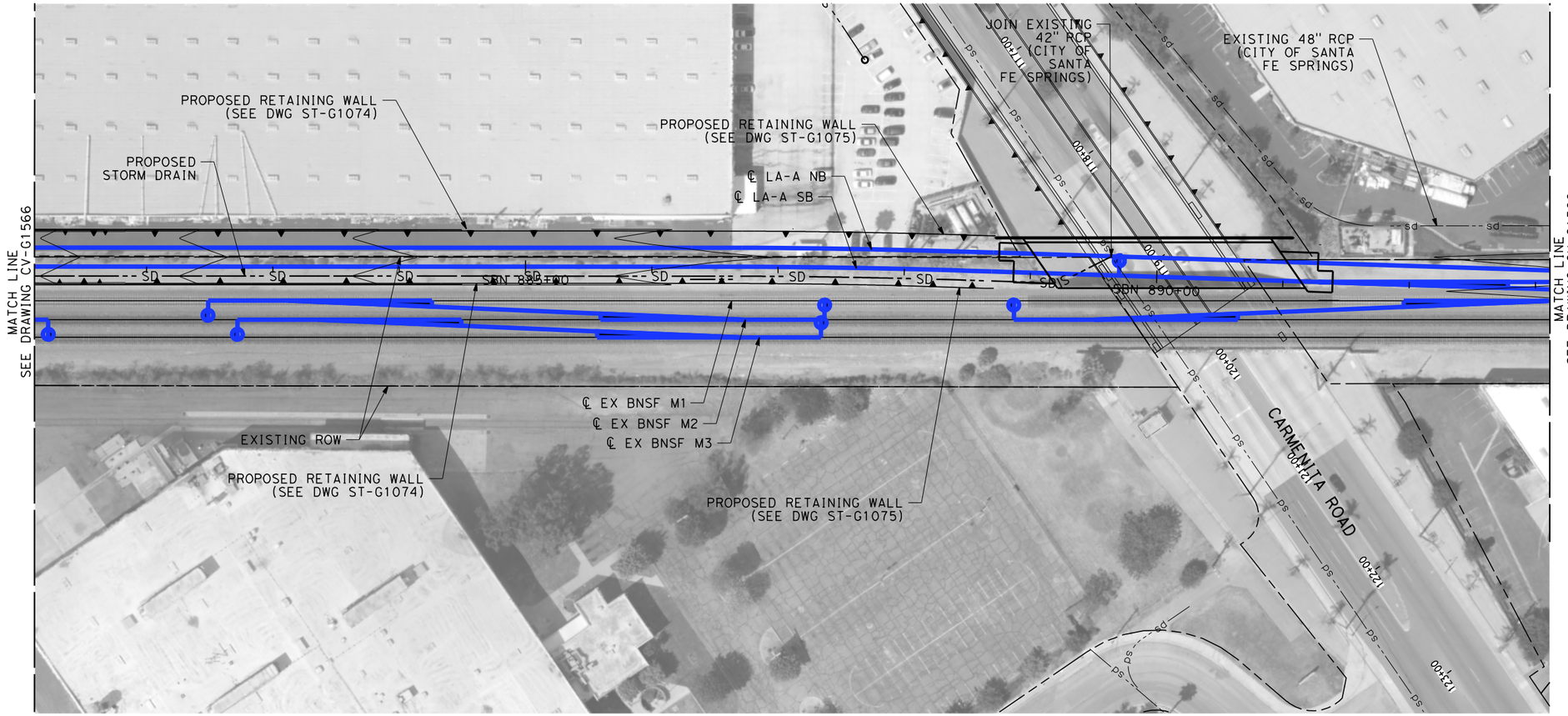
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CALIFORNIA HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM
RECORD SET
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION
GRADING AND DRAINAGE
STA SBN 868+50 TO STA SBN 881+00

CONTRACT NO. HSR06-0005
DRAWING NO. CV-G1566
SCALE 1" = 50'
SHEET NO.

$PLOT$



NOTES:

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

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FOR INTERNAL USE ONLY

50 0 50 100
1"=50'
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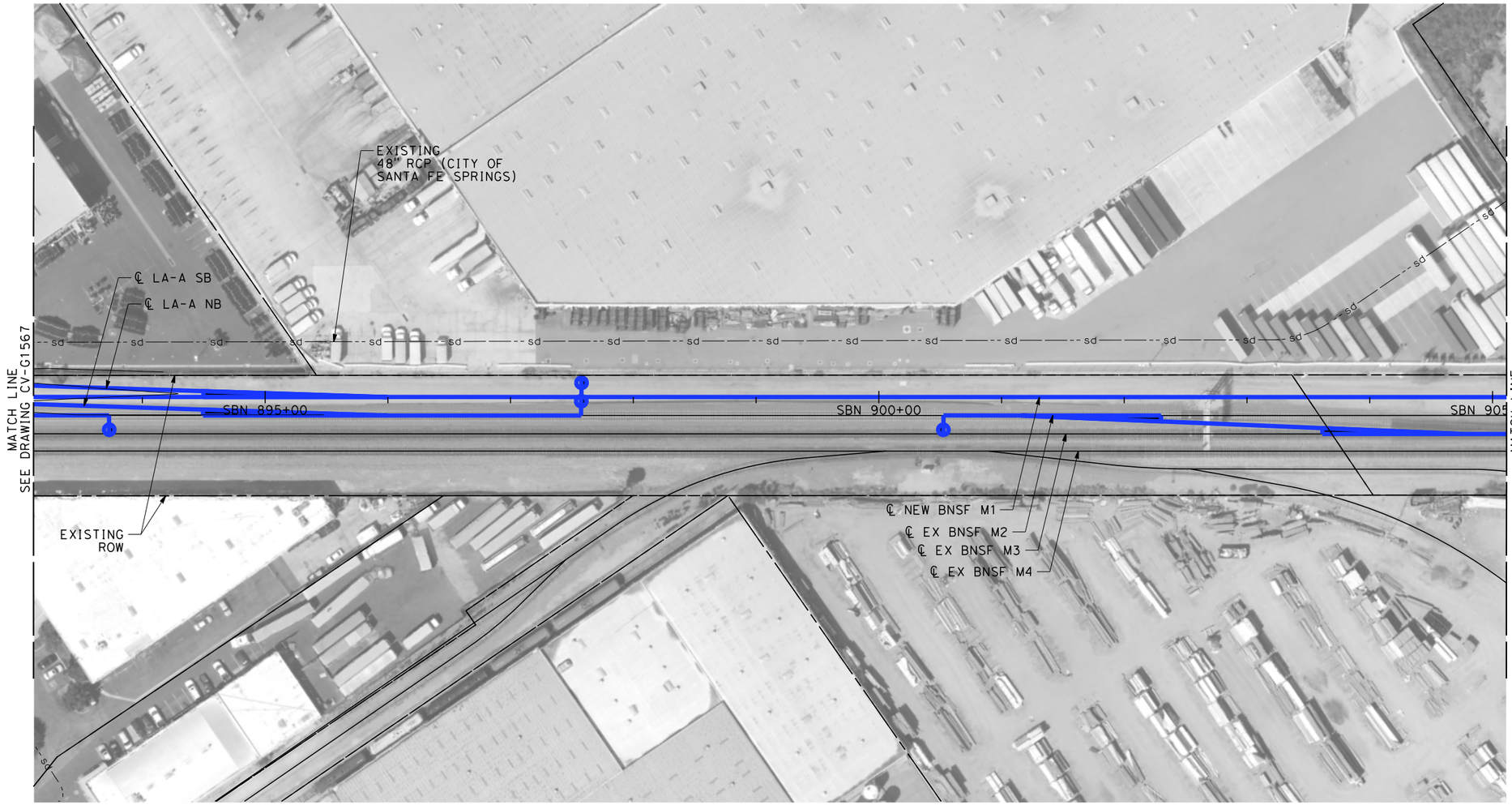
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CALIFORNIA HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM
RECORD SET
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION
GRADING AND DRAINAGE
STA SBN 881+00 TO STA SBN 893+00

CONTRACT NO. HSR06-0005
DRAWING NO. CV-G1567
SCALE 1" = 50'
SHEET NO.

$PLOT$



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

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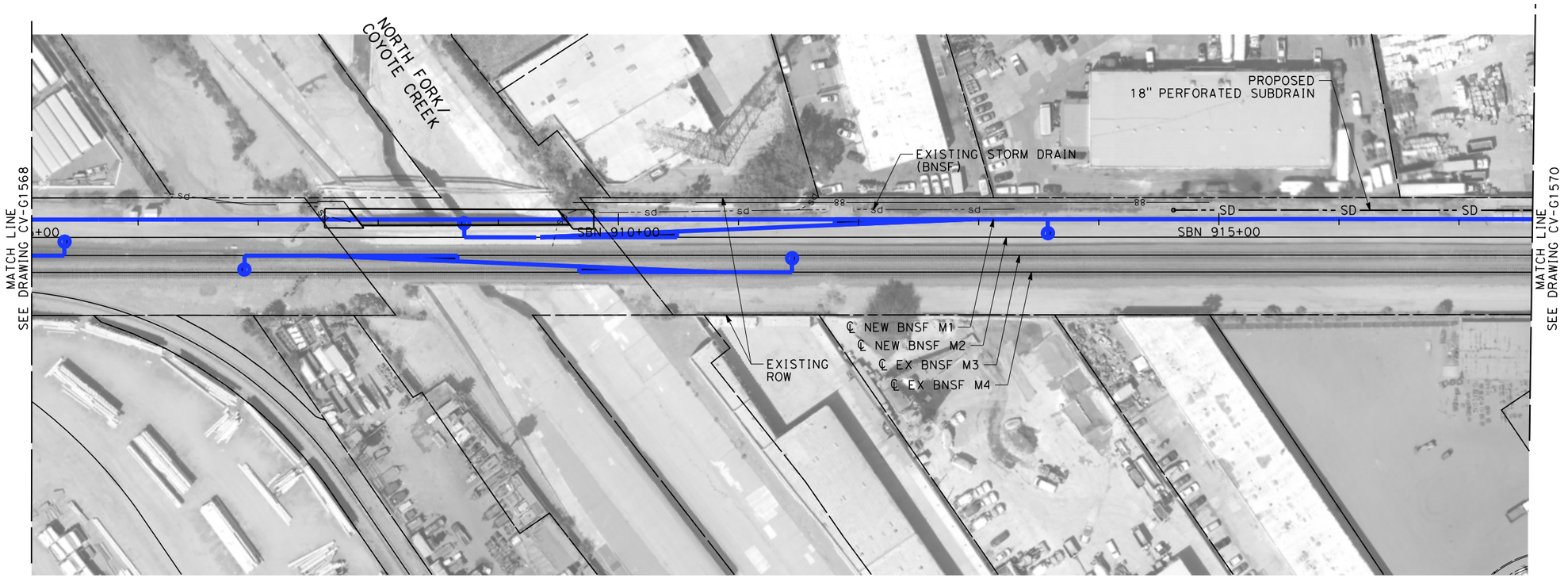
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CALIFORNIA HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM
RECORD SET
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION
GRADING AND DRAINAGE
STA SBN 893+00 TO STA SBN 905+00

CONTRACT NO. HSR06-0005
DRAWING NO. CV-G1568
SCALE 1" = 50'
SHEET NO.

$PLOT$



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.
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50 0 50 100
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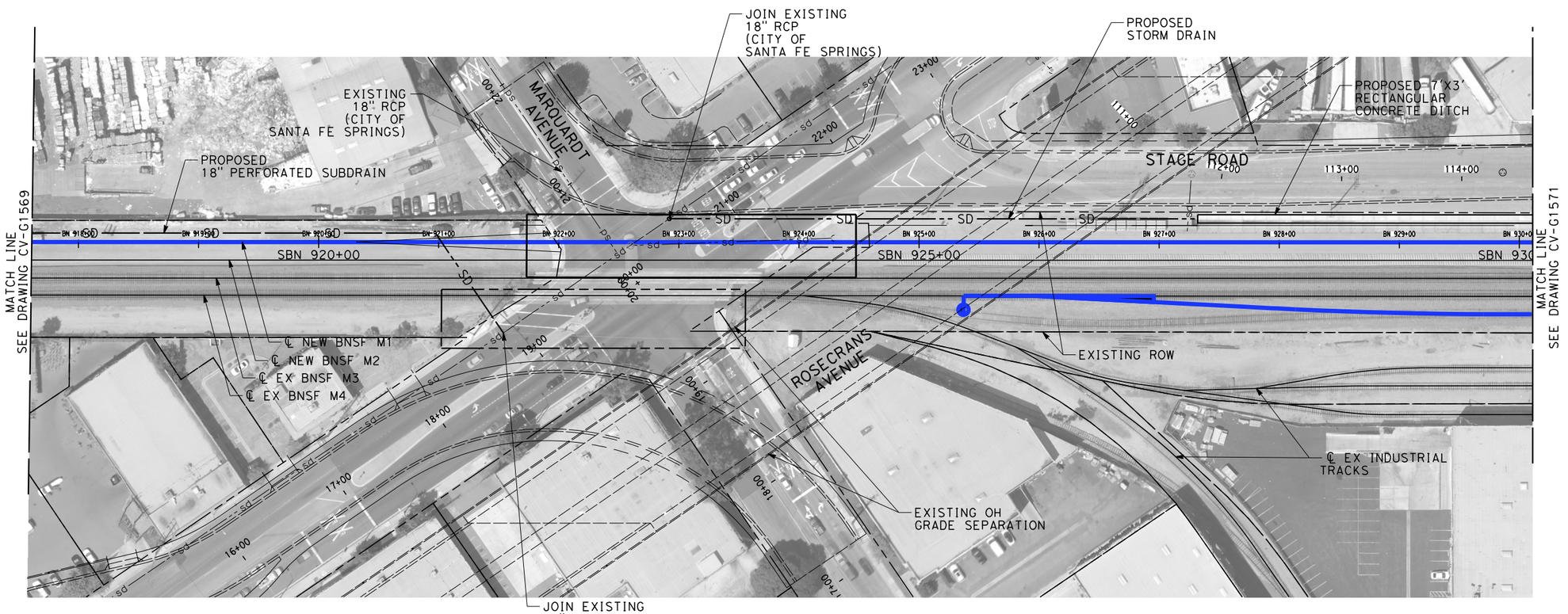
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CALIFORNIA HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM
RECORD SET
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION
GRADING AND DRAINAGE
STA SBN 905+00 TO STA SBN 917+50

CONTRACT NO. HSR06-0005
DRAWING NO. CV-G1569
SCALE 1" = 50'
SHEET NO.

$PLOT$



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.
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50 0 50 100
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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 917+50 TO STA SBN 930+00

CONTRACT NO. HSR06-0005
DRAWING NO. CV-G1570
SCALE 1" = 50'
SHEET NO.

$PLOT$



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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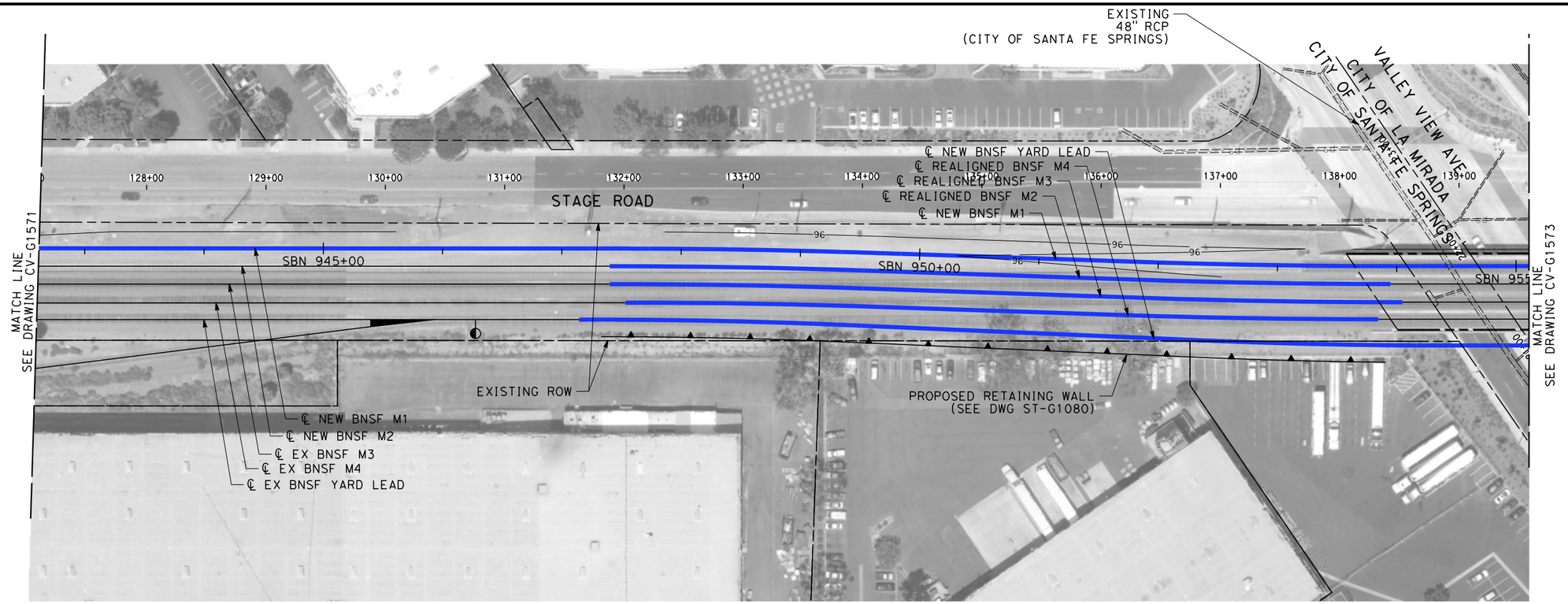
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CALIFORNIA HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM
RECORD SET
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION
GRADING AND DRAINAGE
STA SBN 930+00 TO STA SBN 942+50

CONTRACT NO. HSR06-0005
DRAWING NO. CV-G1571
SCALE 1" = 50'
SHEET NO.

$PLOT$



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'
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PEPD SUBMITTAL FOR INTERNAL USE ONLY

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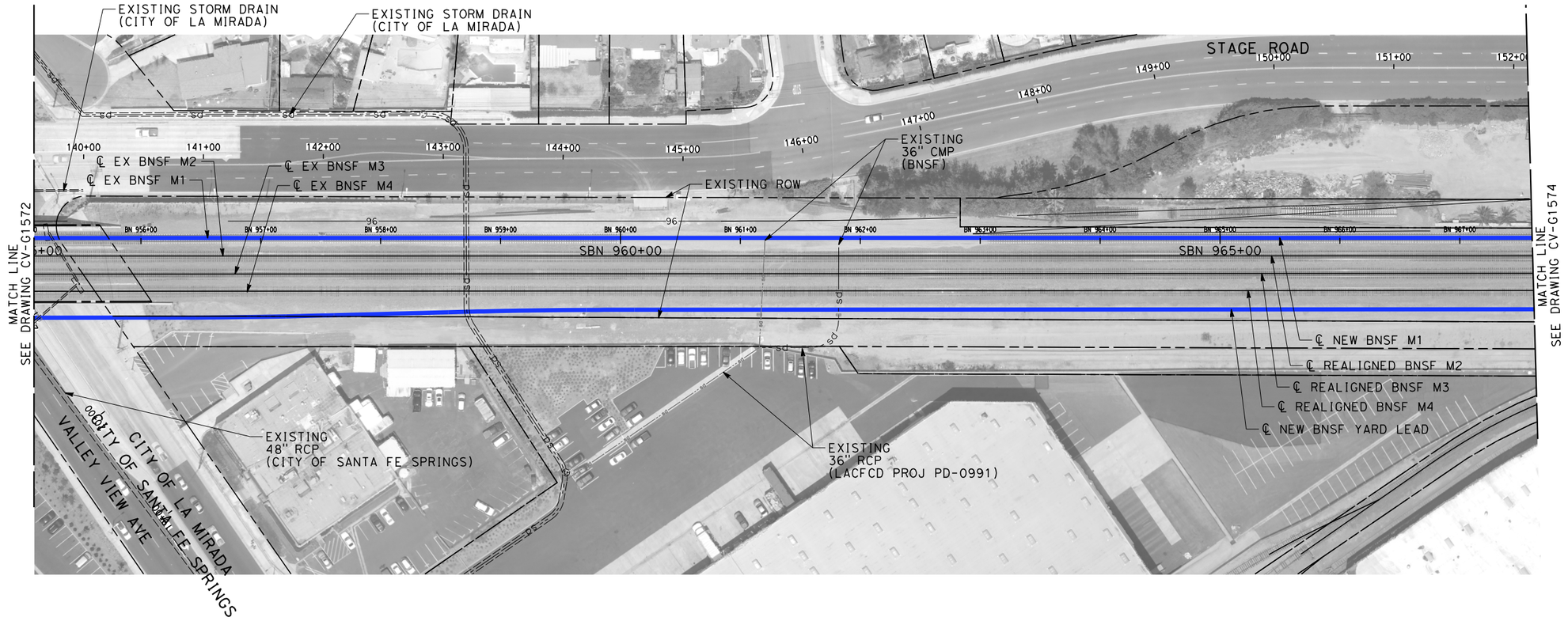
stv

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 942+50 TO STA SBN 955+00

CONTRACT NO. HSR06-0005
DRAWING NO. CV-G1572
SCALE 1" = 50'
SHEET NO.

$PLOT$



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

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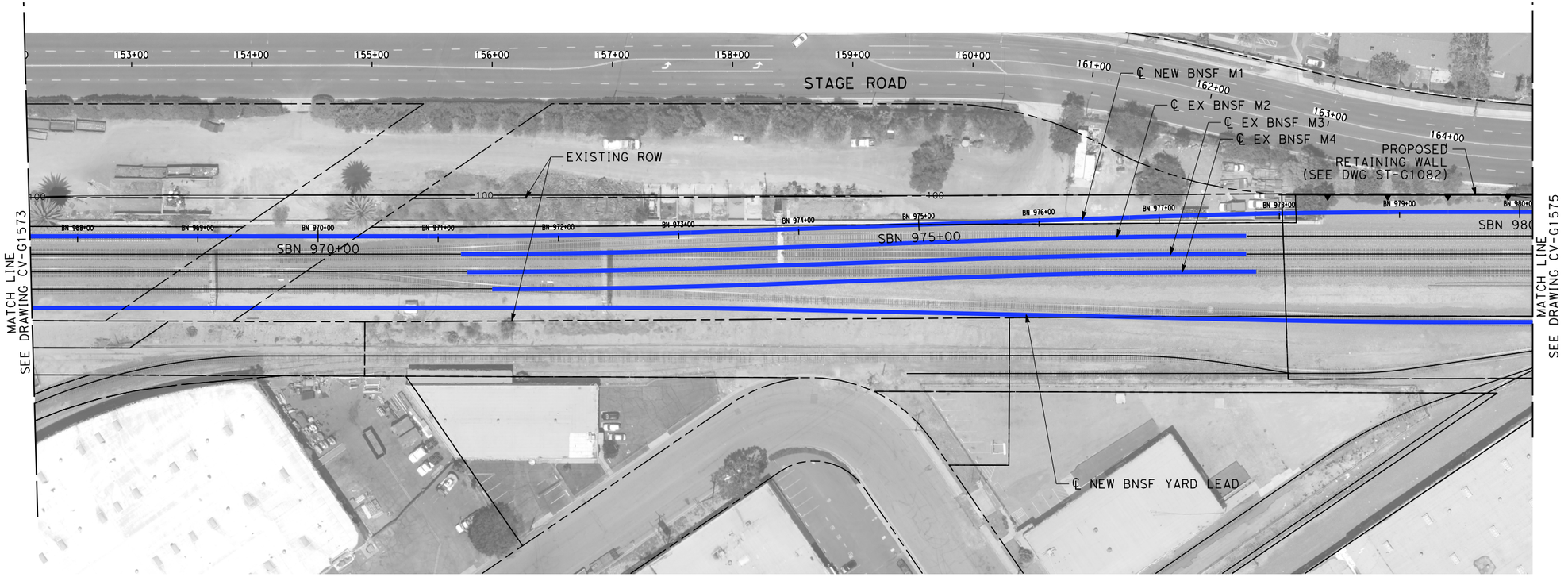
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CALIFORNIA HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM
RECORD SET
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION
GRADING AND DRAINAGE
STA SBN 955+00 TO STA SBN 967+50

CONTRACT NO. HSR06-0005
DRAWING NO. CV-G1573
SCALE 1" = 50'
SHEET NO.

$PLOT$



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

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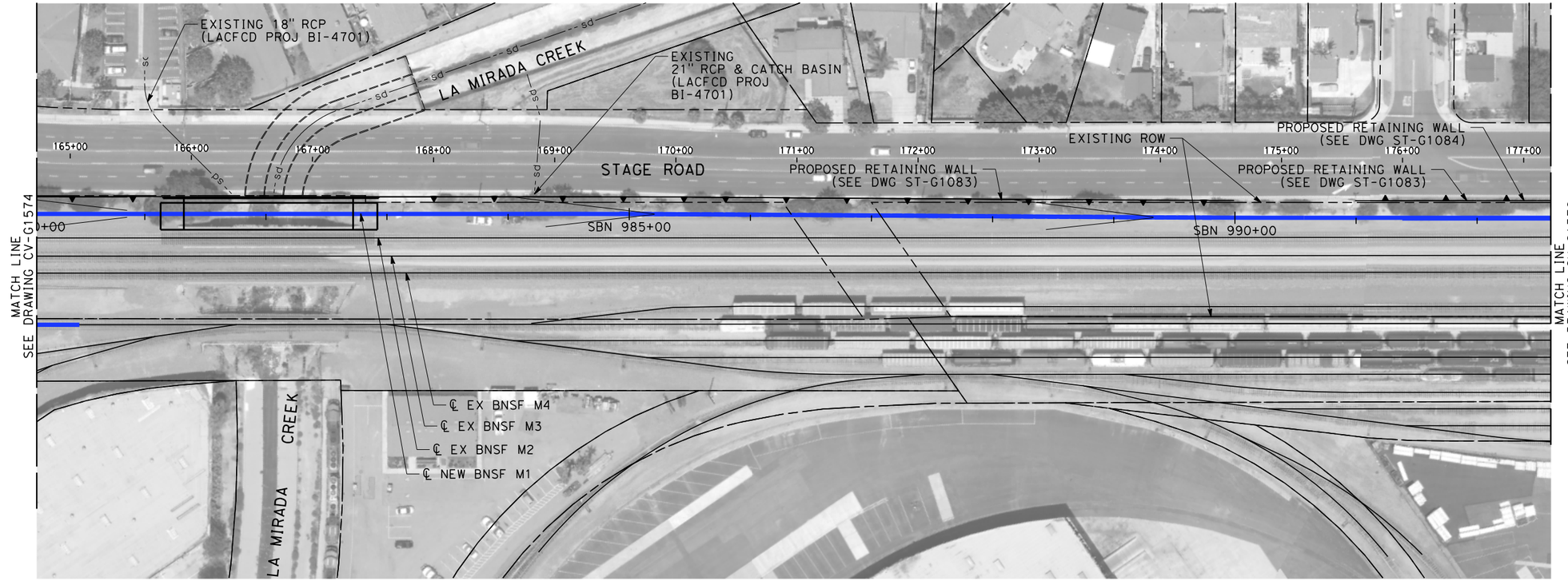
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CALIFORNIA HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM
RECORD SET
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION
GRADING AND DRAINAGE
STA SBN 967+50 TO STA SBN 980+00

CONTRACT NO. HSR06-0005
DRAWING NO. CV-G1574
SCALE 1" = 50'
SHEET NO.

$PLOT$



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
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DATE 02/28/25

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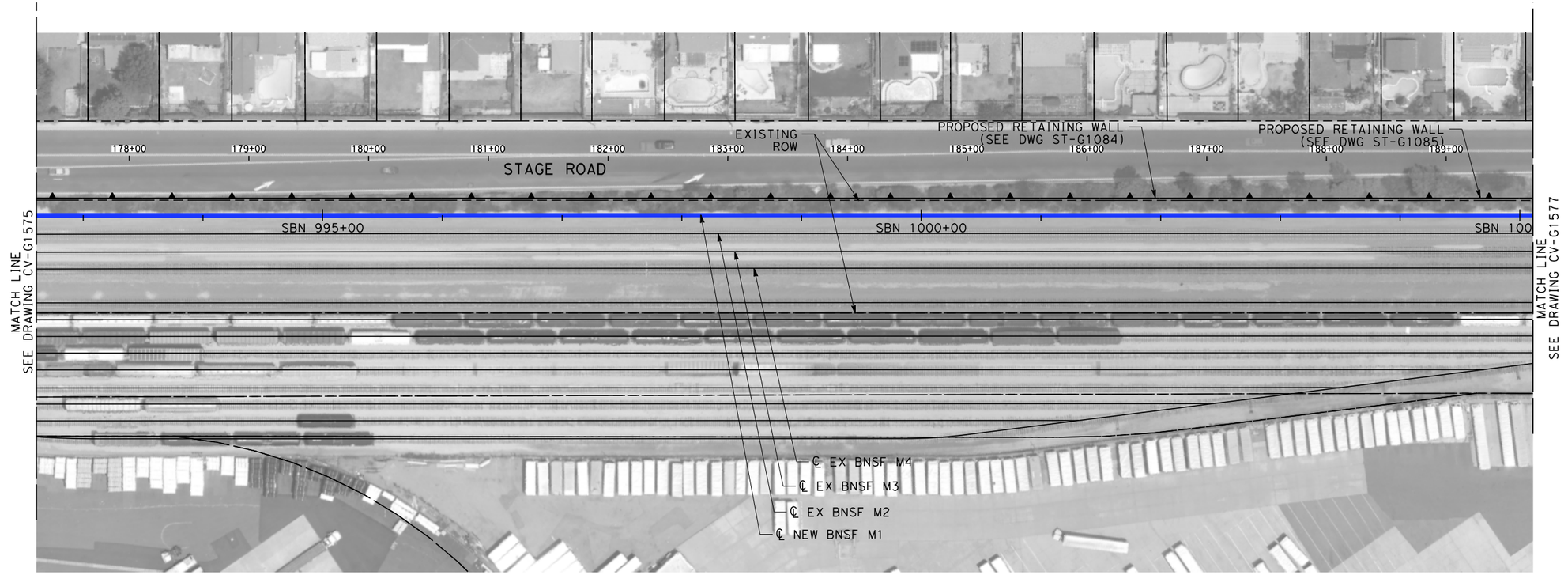
stv

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 980+00 TO STA SBN 992+50

CONTRACT NO. HSR06-0005
DRAWING NO. CV-G1575
SCALE 1" = 50'
SHEET NO.

$PLOT$



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

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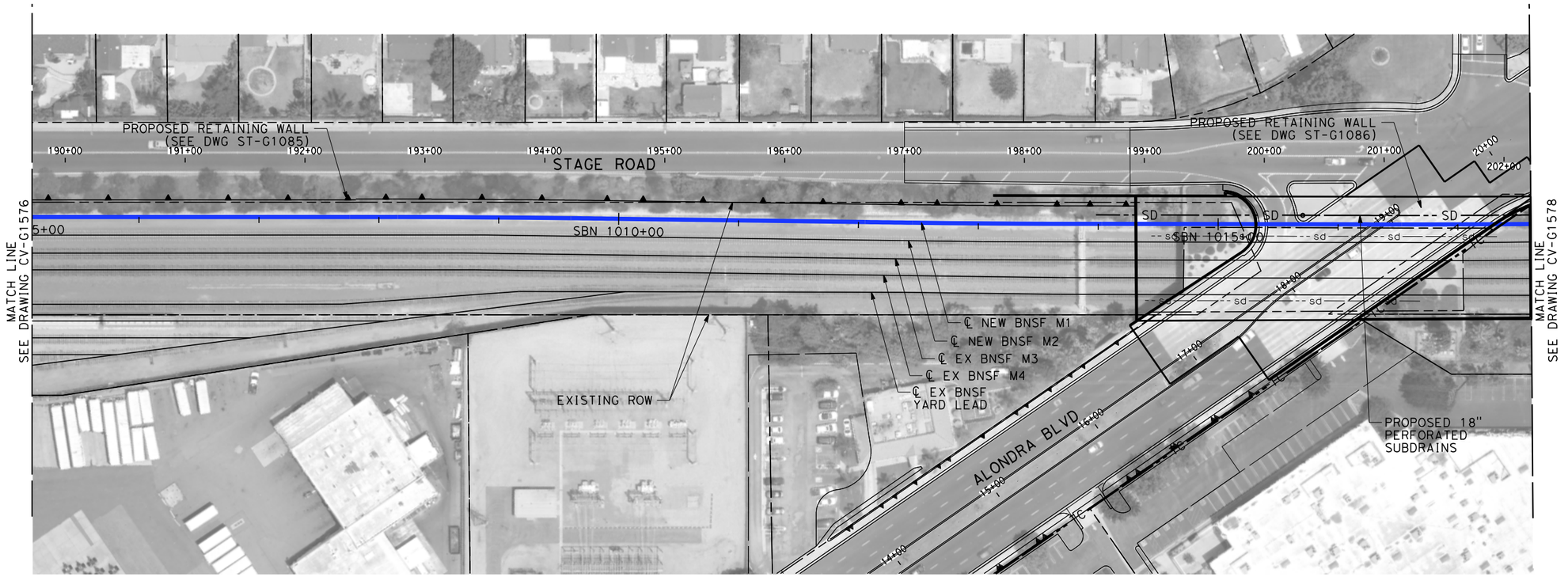
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CALIFORNIA HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM
RECORD SET
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION
GRADING AND DRAINAGE
STA SBN 992+50 TO STA SBN 1005+00

CONTRACT NO. HSR06-0005
DRAWING NO. CV-G1576
SCALE 1" = 50'
SHEET NO.

$PLOT$



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

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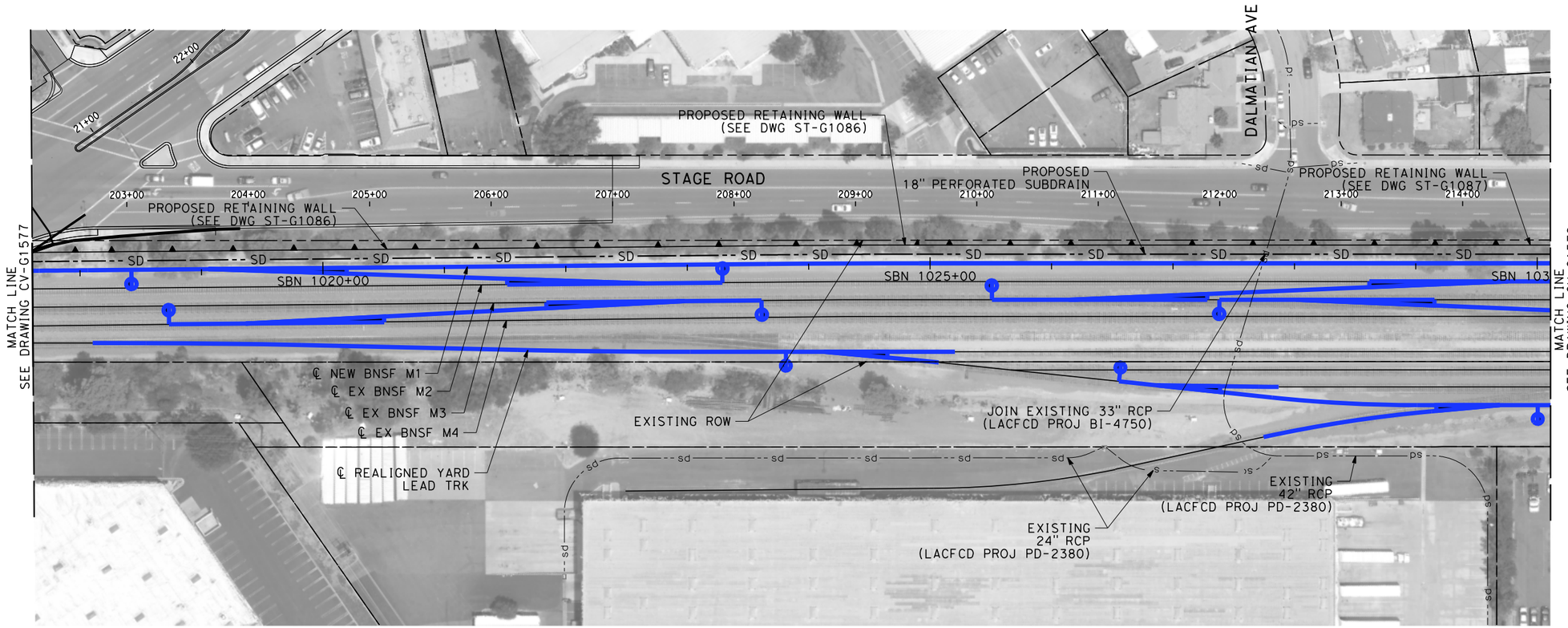
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CALIFORNIA HIGH-SPEED RAIL AUTHORITY

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
DRAWING NO. CV-G1577
SCALE 1" = 50'
SHEET NO.

$PLOT$



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
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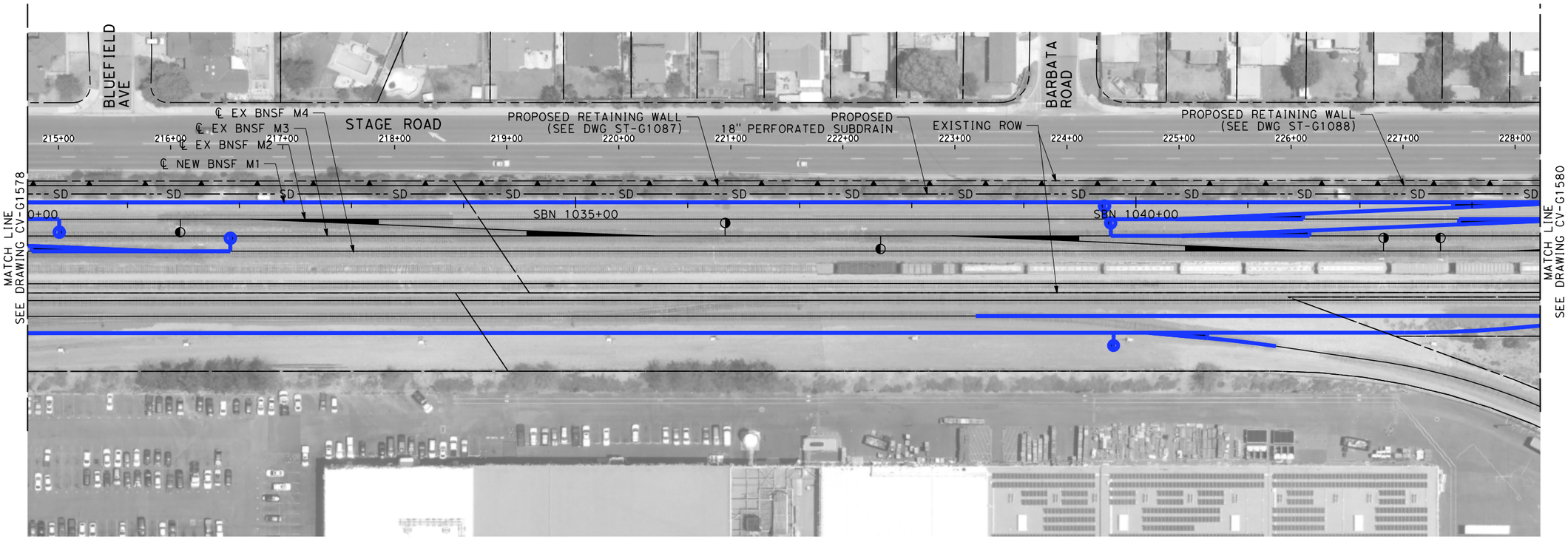
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CALIFORNIA HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM
RECORD SET
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION
GRADING AND DRAINAGE
STA SBN 1017+50 TO STA SBN 1030+00

CONTRACT NO. HSR06-0005
DRAWING NO. CV-G1578
SCALE 1" = 50'
SHEET NO.

$PLOT$



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

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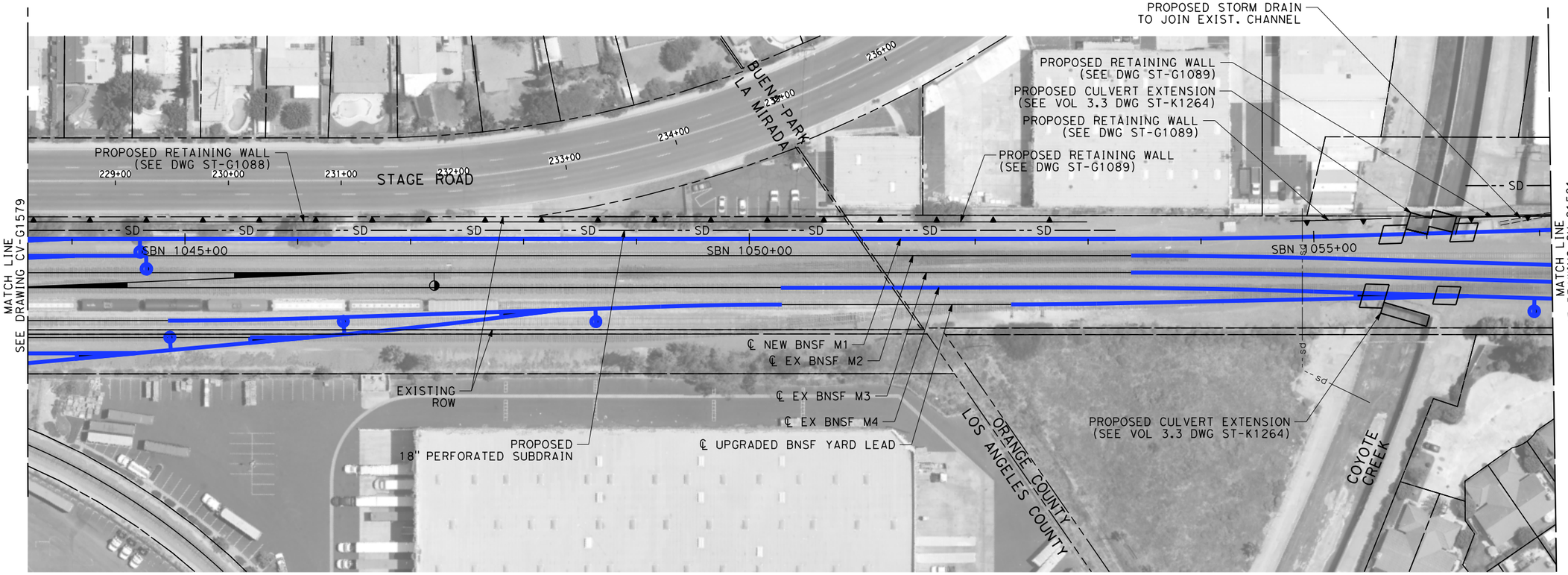
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CALIFORNIA HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM
RECORD SET
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION
GRADING AND DRAINAGE
STA SBN 1030+00 TO STA SBN 1043+50

CONTRACT NO. HSR06-0005
DRAWING NO. CV-G1579
SCALE 1" = 50'
SHEET NO.

$PLOT$



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
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DATE 02/28/25

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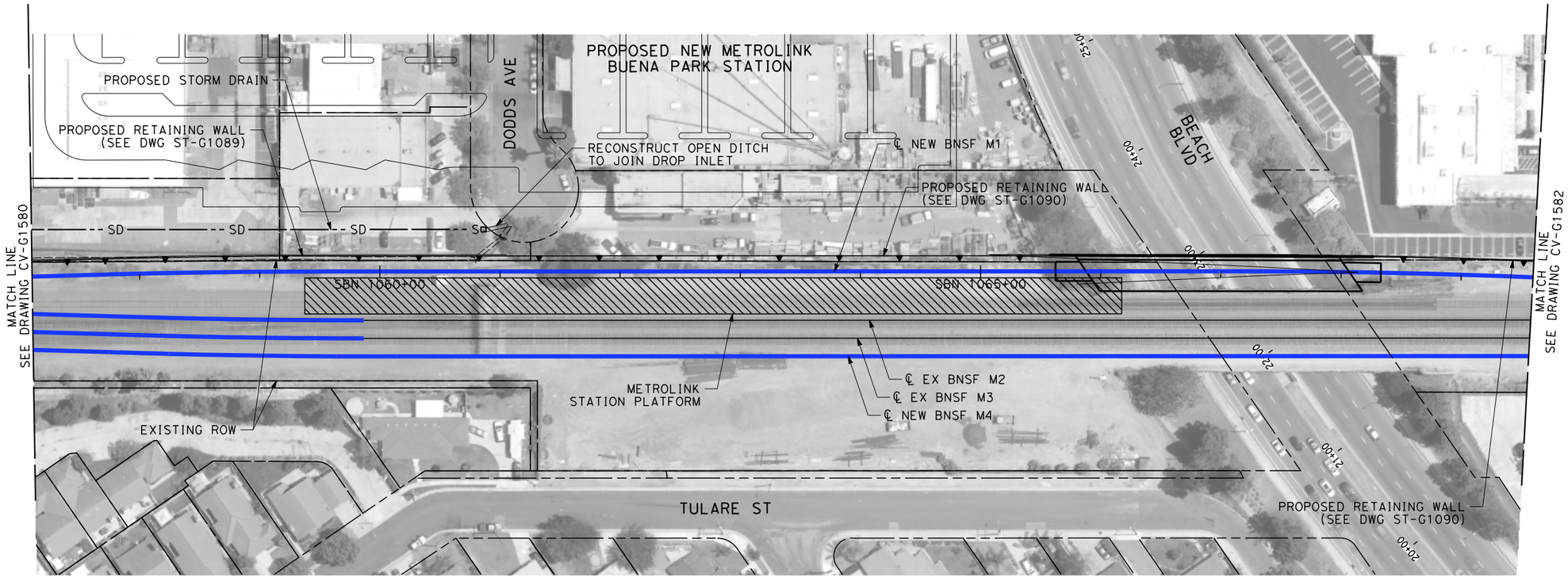
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CALIFORNIA HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM
RECORD SET
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION
GRADING AND DRAINAGE
STA SBN 1043+50 TO STA SBN 1057+00

CONTRACT NO. HSR06-0005
DRAWING NO. CV-G1580
SCALE 1" = 50'
SHEET NO.

$PLOT$



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
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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
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DATE 02/28/25

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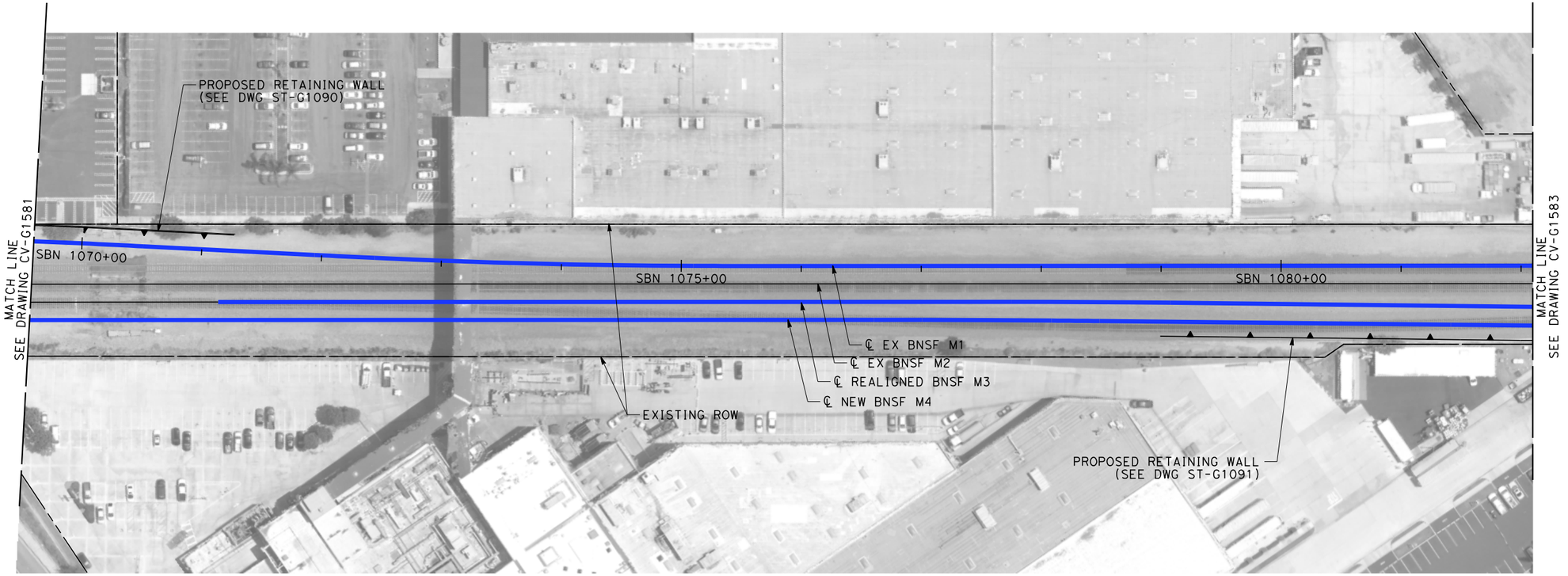
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CALIFORNIA HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM
RECORD SET
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION
GRADING AND DRAINAGE
STA SBN 1057+00 TO STA SBN 1069+50

CONTRACT NO. HSR06-0005
DRAWING NO. CV-G1581
SCALE 1" = 50'
SHEET NO.

$PLOT$



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
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CHECKED BY M. SATISH
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DATE 02/28/25

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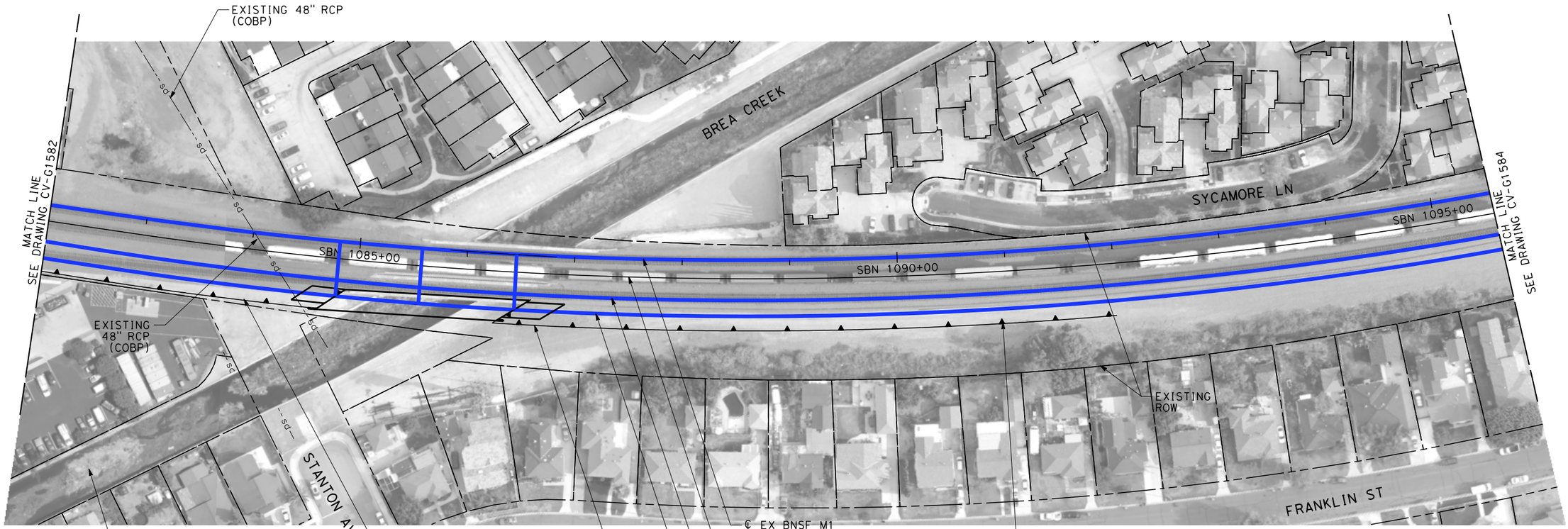
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CALIFORNIA HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM
RECORD SET
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION
GRADING AND DRAINAGE
STA SBN 1069+50 TO STA SBN 1082+00

CONTRACT NO. HSR06-0005
DRAWING NO. CV-G1582
SCALE 1" = 50'
SHEET NO.

$PLOT$



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

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CHECKED BY M. SATISH
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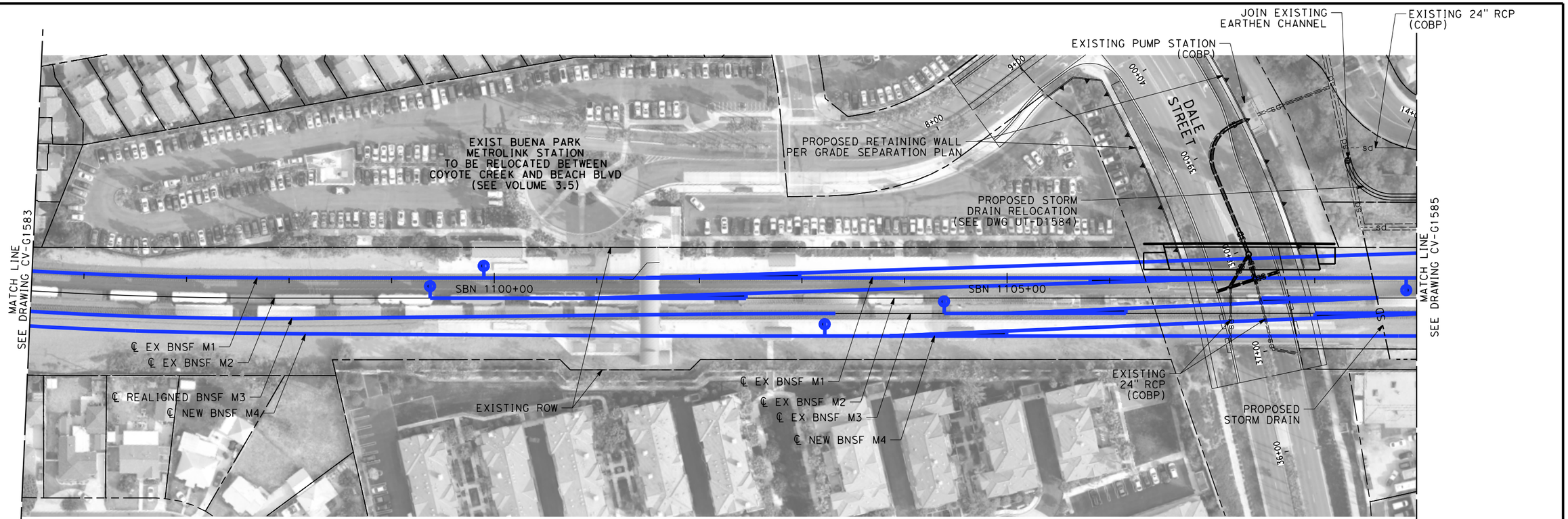
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CALIFORNIA HIGH-SPEED RAIL AUTHORITY

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.

$PLOT$



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

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DRAWN BY D. BARRAZA
CHECKED BY M. SATISH
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DATE 02/28/25

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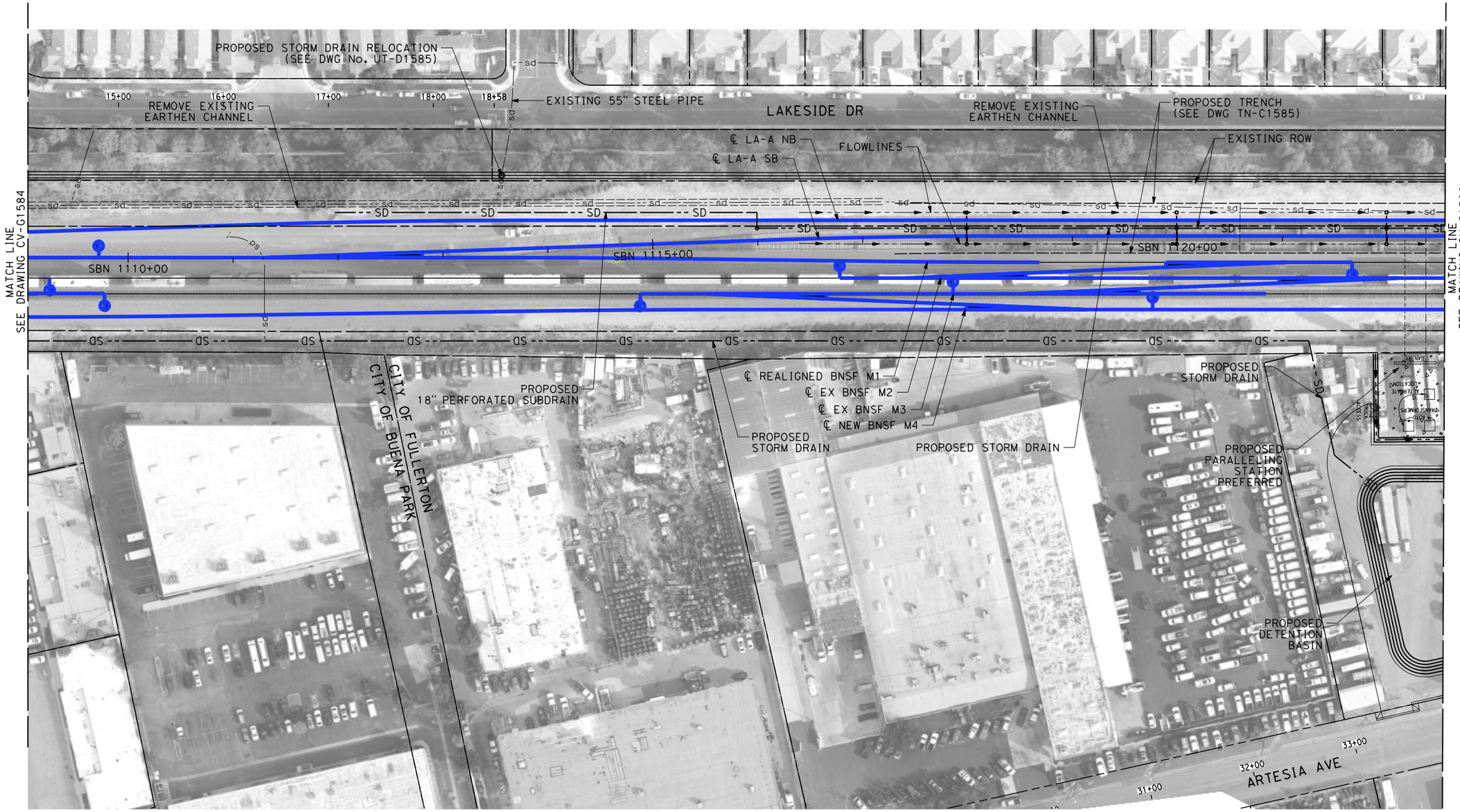
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CALIFORNIA HIGH-SPEED RAIL AUTHORITY

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
DRAWING NO. CV-G1584
SCALE 1" = 50'
SHEET NO.

$PLOT$



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
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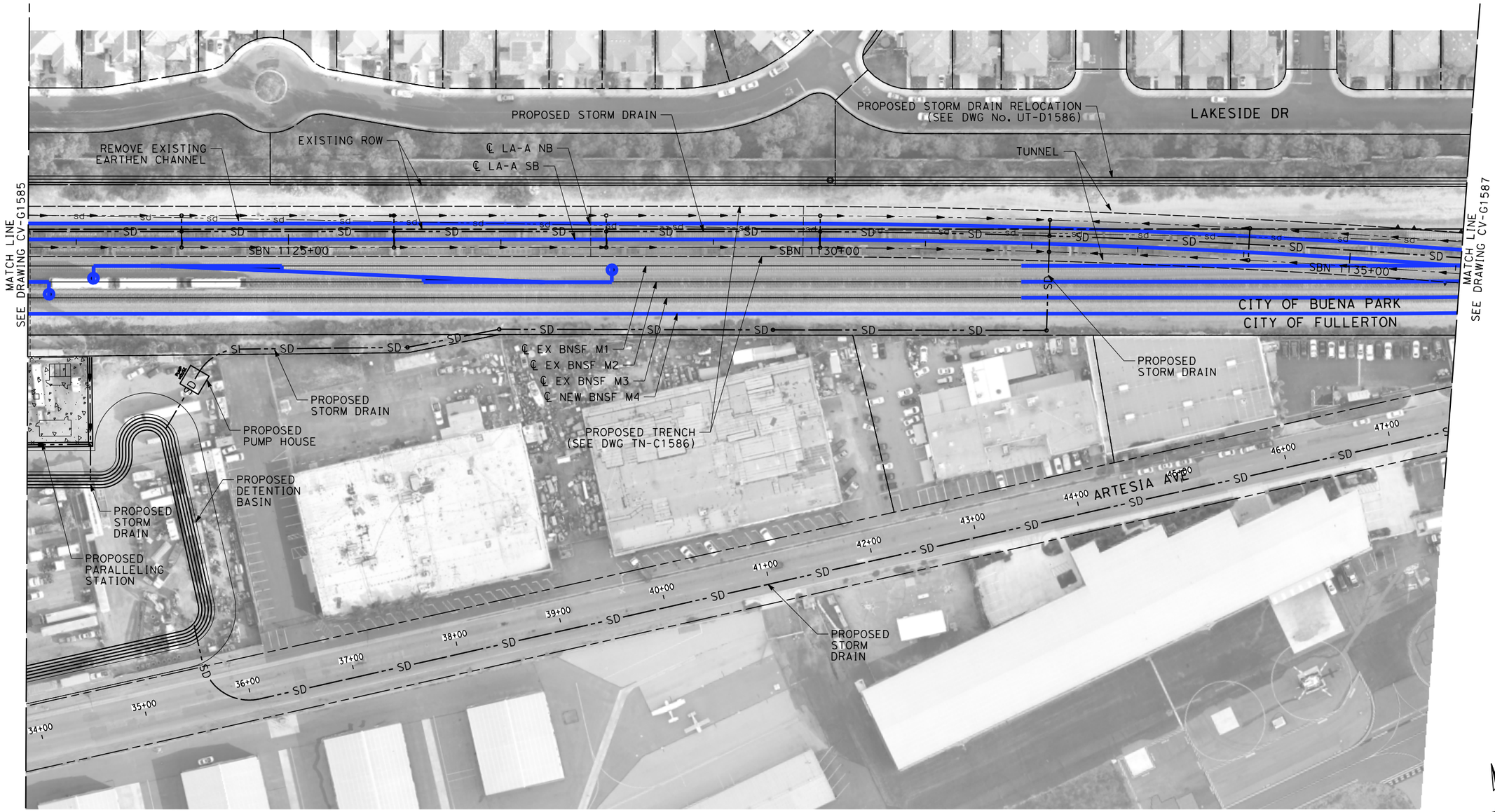
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CALIFORNIA HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM
RECORD SET
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION
GRADING AND DRAINAGE
STA SBN 1109+00 TO STA SBN 1122+50

CONTRACT NO. HSR06-0005
DRAWING NO. CV-G1585
SCALE 1" = 50'
SHEET NO.

$PLOT$



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

REV	DATE	BY	CHK	APP	DESCRIPTION

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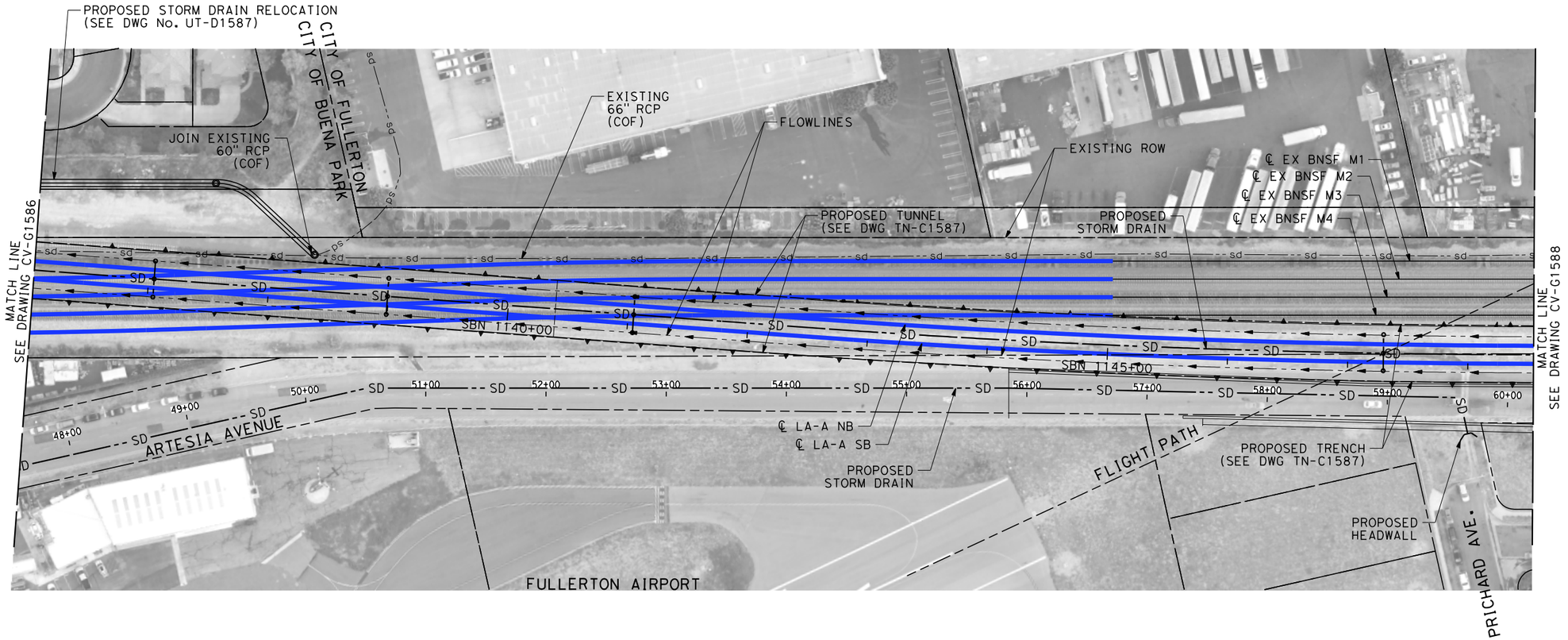
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CALIFORNIA HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM
RECORD SET
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION
GRADING AND DRAINAGE
STA SBN 1122+50 TO STA SBN 1136+00

CONTRACT NO. HSR06-0005
DRAWING NO. CV-G1586
SCALE 1" = 50'
SHEET NO.

$PLOT$



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
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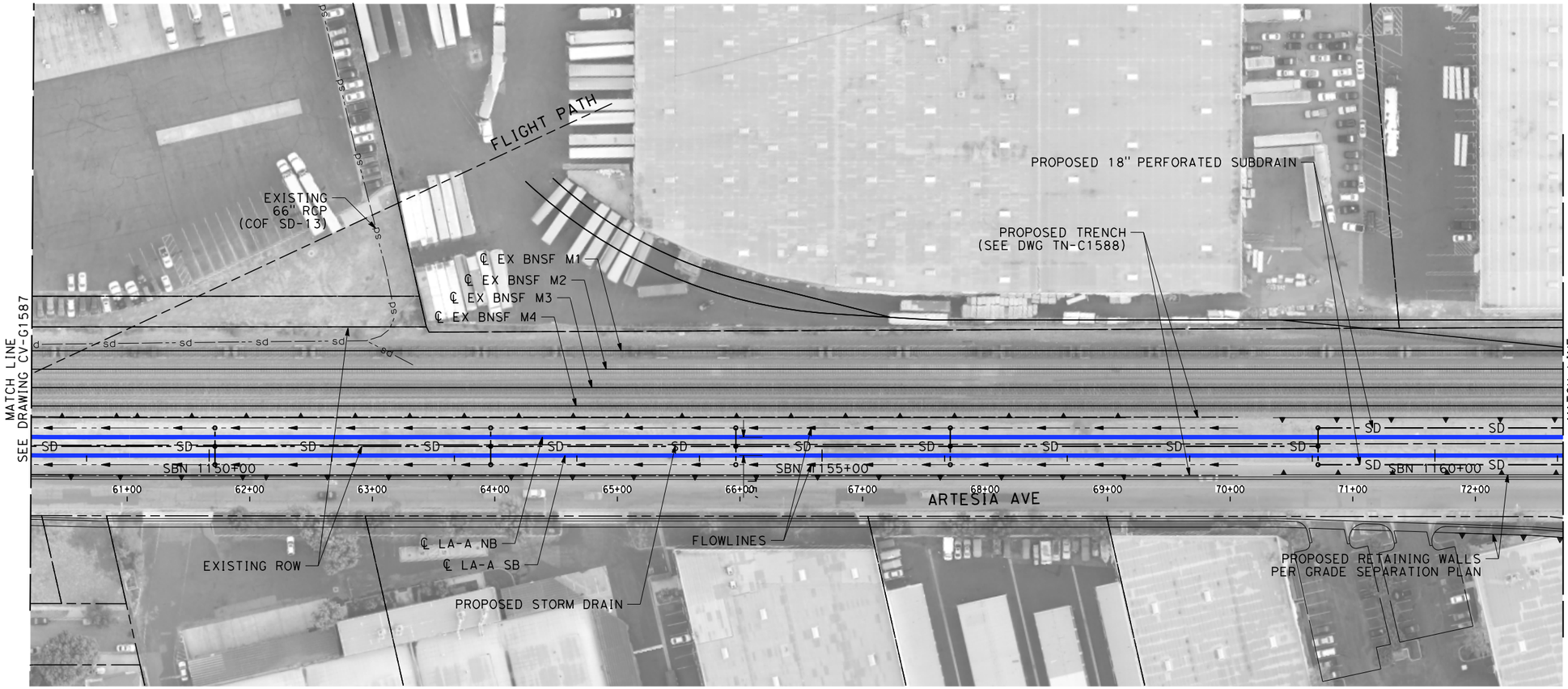
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CALIFORNIA HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM
RECORD SET
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION
GRADING AND DRAINAGE
STA SBN 1136+00 TO STA SBN 1148+50

CONTRACT NO. HSR06-0005
DRAWING NO. CV-G1587
SCALE 1" = 50'
SHEET NO.

$PLOT$



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

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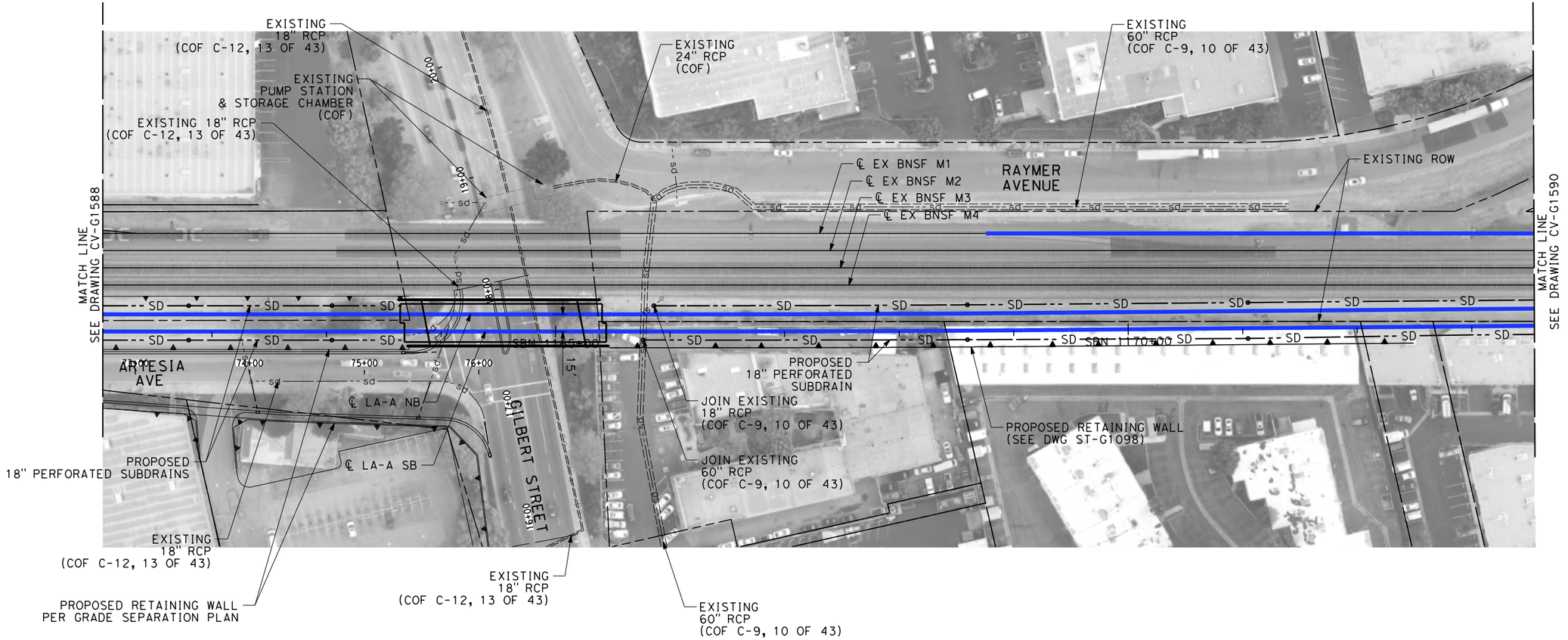
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CALIFORNIA HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM
RECORD SET
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION
GRADING AND DRAINAGE
STA SBN 1148+50 TO STA SBN 1161+00

CONTRACT NO. HSR06-0005
DRAWING NO. CV-G1588
SCALE 1" = 50'
SHEET NO.

$PLOT$



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

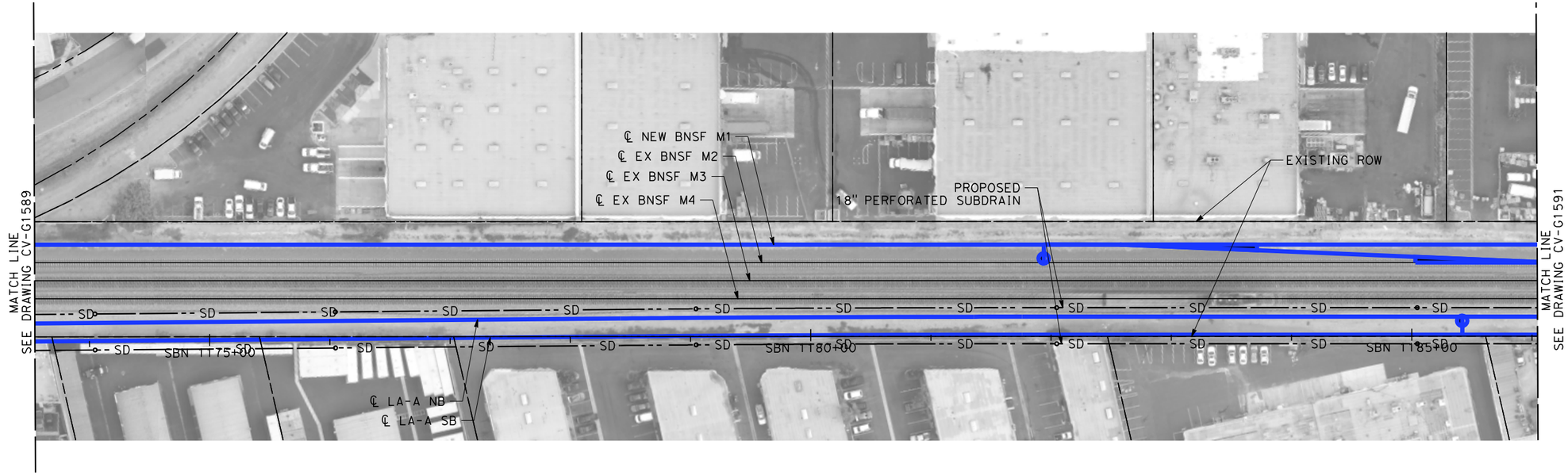
stv

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 1161+00 TO STA SBN 1173+50

CONTRACT NO. HSR06-0005
DRAWING NO. CV-G1589
SCALE 1" = 50'
SHEET NO.

$PLOT$



NOTES:

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2. CONTOUR GRADING ALONG THE HST TRACKS IS BASED ON THE TOP OF SUBGRADE ELEVATIONS. BALLAST IS NOT INCLUDED.
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50 0 50 100
1"=50'
SCALE APPLICABLE FOR FULL SIZE ONLY

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY R. WONG
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DATE 02/28/25

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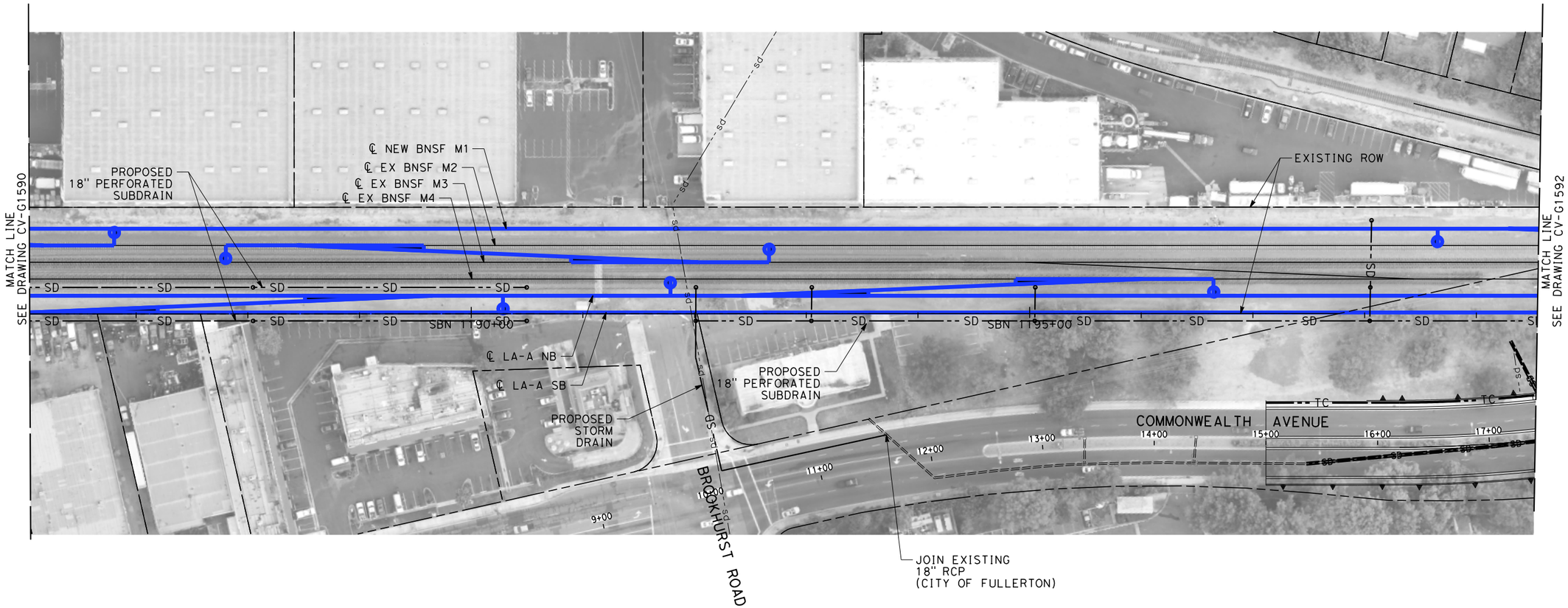
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CALIFORNIA HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM
RECORD SET
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION
GRADING AND DRAINAGE
STA SBN 1173+50 TO STA SBN 1186+00

CONTRACT NO. HSR06-0005
DRAWING NO. CV-G1590
SCALE 1" = 50'
SHEET NO.

$PLOT$



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.

1187+00

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
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CHECKED BY M. SATISH
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DATE 02/28/25

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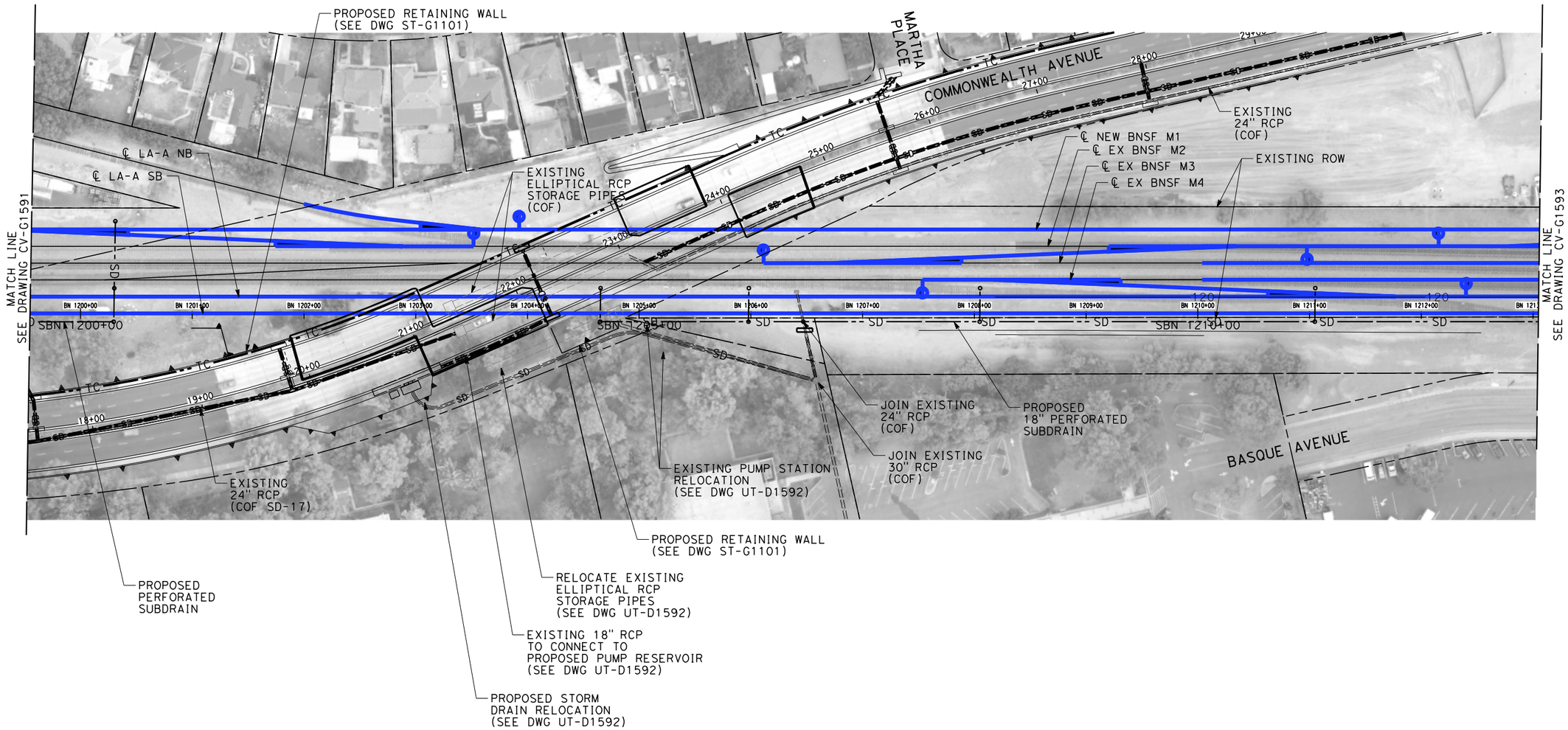
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CALIFORNIA HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM
RECORD SET
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION
GRADING AND DRAINAGE
STA SBN 1186+00 TO STA SBN 1199+50

CONTRACT NO. HSR06-0005
DRAWING NO. CV-G1591
SCALE 1" = 50'
SHEET NO.

$PLOT$



NOTES:

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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

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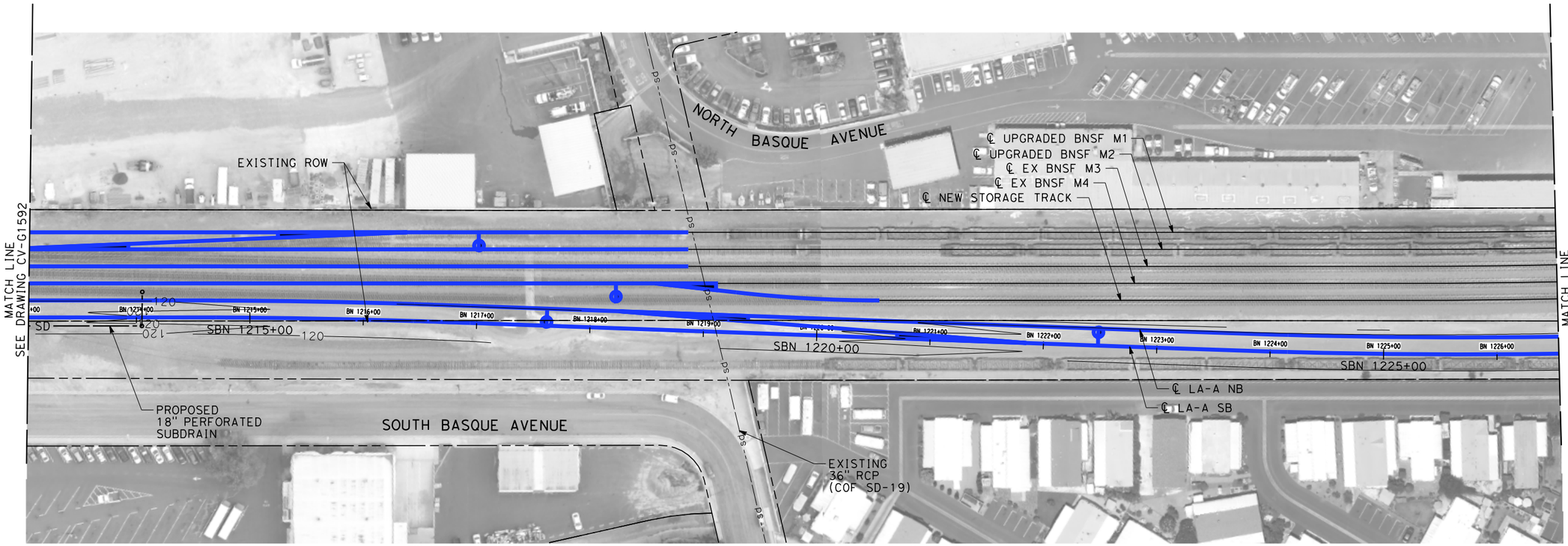
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CALIFORNIA HIGH-SPEED RAIL AUTHORITY

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.

$PLOT$



NOTES:

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

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FOR INTERNAL USE ONLY

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

REV	DATE	BY	CHK	APP	DESCRIPTION

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CHECKED BY M. SATISH
IN CHARGE J. SWANSON
DATE 02/28/25

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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 1213+00 TO STA SBN 1226+50

CONTRACT NO. HSR06-0005
DRAWING NO. CV-G1593
SCALE 1" = 50'
SHEET NO.

$PLOT$



NOTES:

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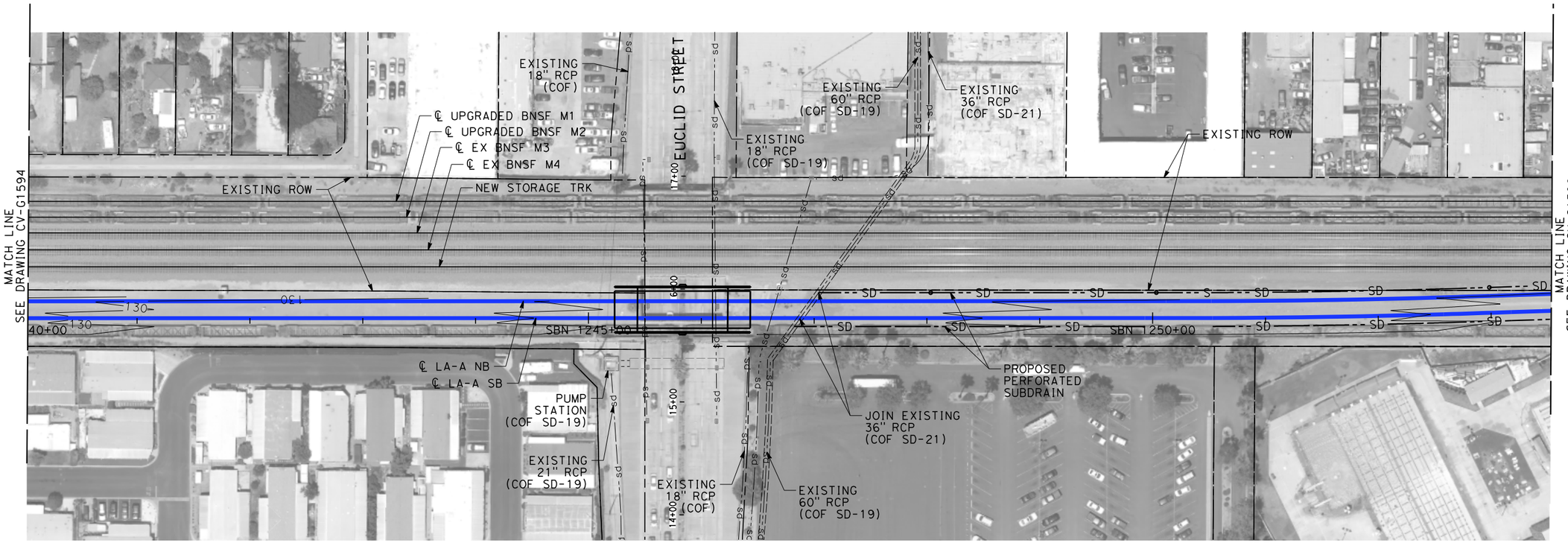
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CALIFORNIA HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM
RECORD SET
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION
GRADING AND DRAINAGE
STA SBN 1226+50 TO STA SBN 1240+00

CONTRACT NO. HSR06-0005
DRAWING NO. CV-G1594
SCALE 1" = 50'
SHEET NO.

$PLOT$



NOTES:

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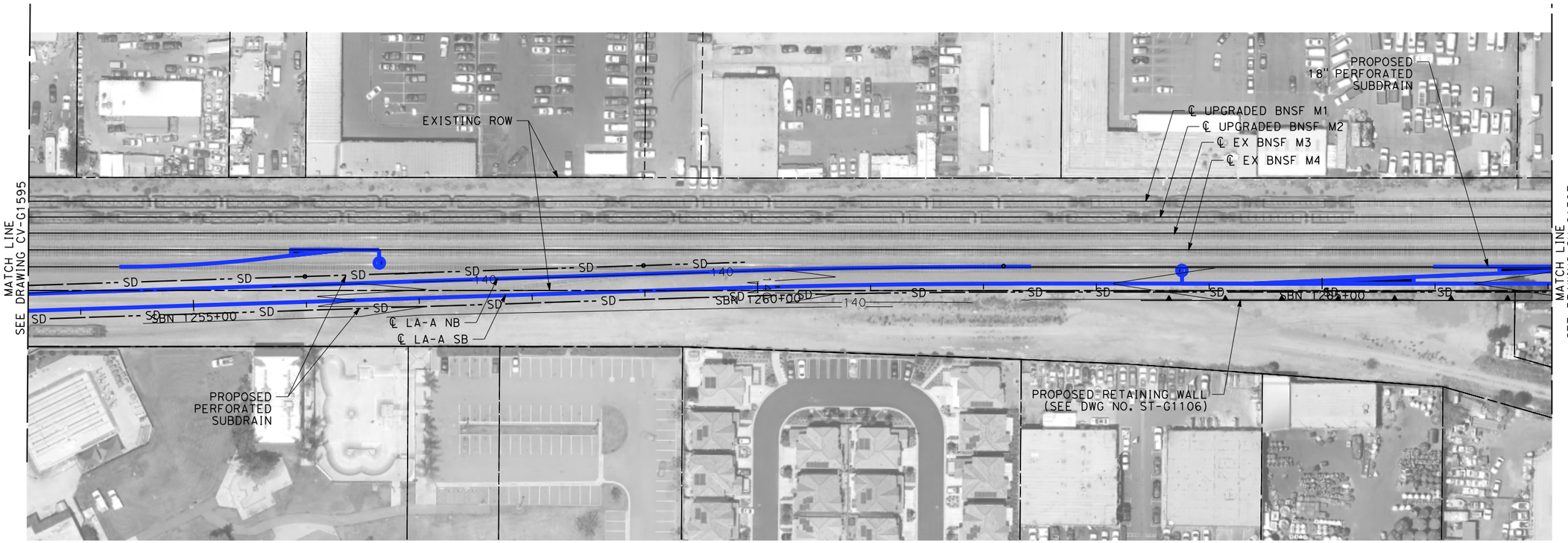
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CALIFORNIA HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM
RECORD SET
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION
GRADING AND DRAINAGE
STA SBN 1240+00 TO STA SBN 1253+50

CONTRACT NO. HSR06-0005
DRAWING NO. CV-G1595
SCALE 1" = 50'
SHEET NO.

$PLOT$



NOTES:

1. INTRUSION BARRIER WILL BE PROVIDED AT RAILROAD RIGHT OF WAY.
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50 0 50 100
1"=50'
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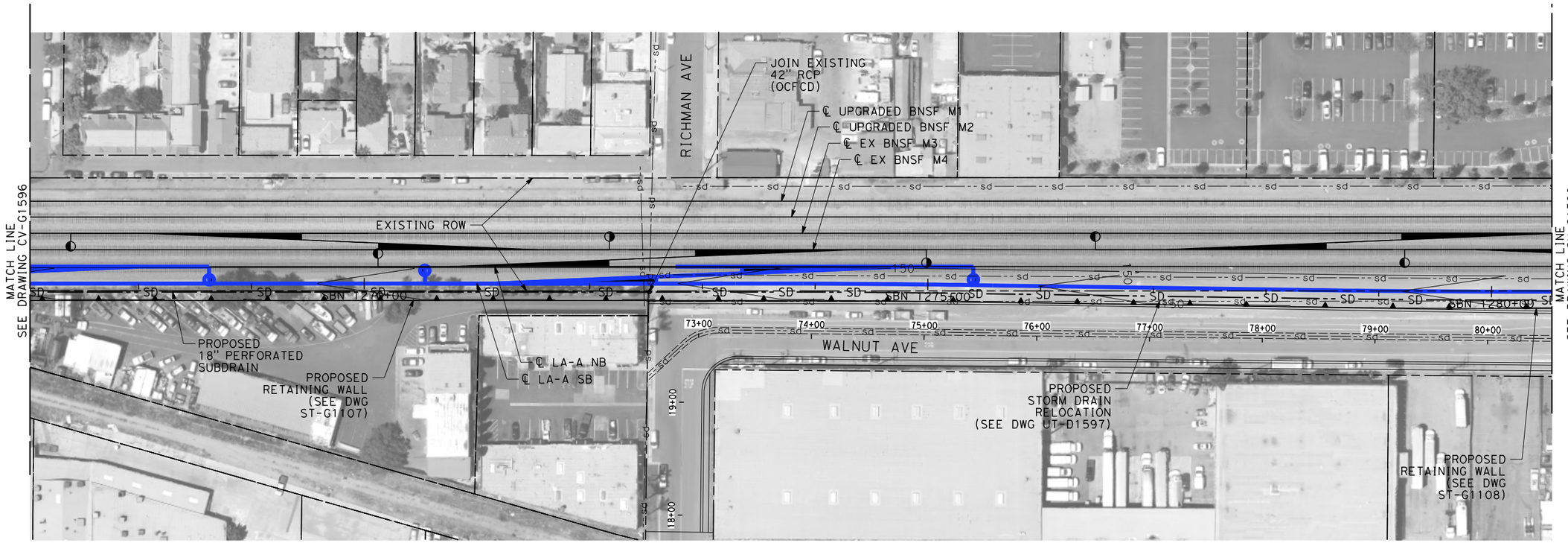
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CALIFORNIA HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM
RECORD SET
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION
GRADING AND DRAINAGE
STA SBN 1253+50 TO STA SBN 1267+00

CONTRACT NO. HSR06-0005
DRAWING NO. CV-G1596
SCALE 1" = 50'
SHEET NO.

$PLOT$



NOTES:

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

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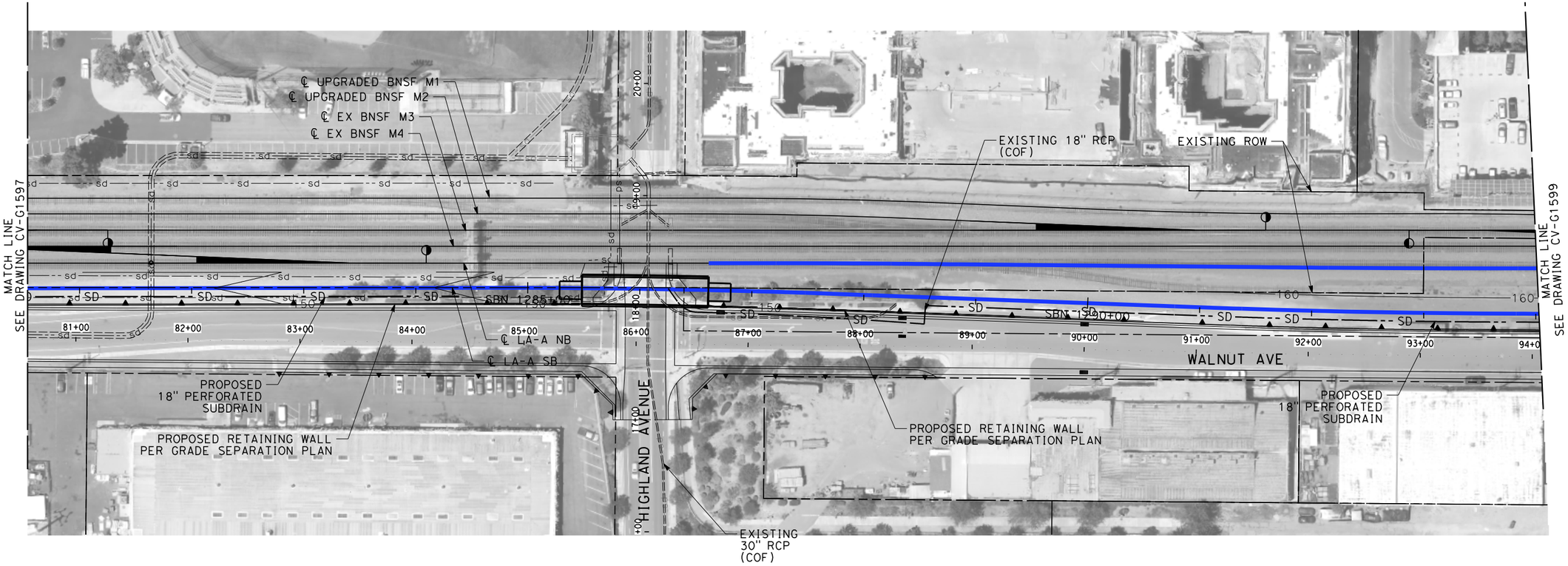
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CALIFORNIA HIGH-SPEED RAIL AUTHORITY

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
DRAWING NO. CV-G1597
SCALE 1" = 50'
SHEET NO.

$PLOT$



NOTES:

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

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FOR INTERNAL USE ONLY

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

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DESIGNED BY R. WONG
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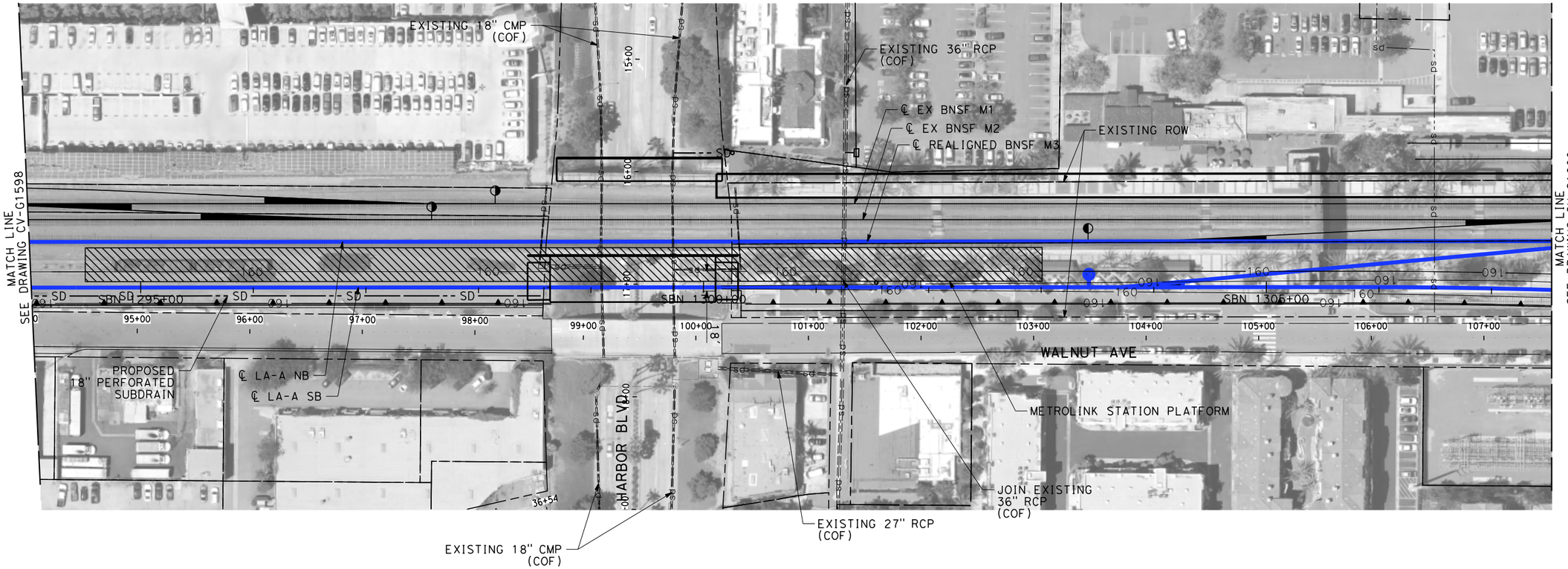
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CALIFORNIA HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM
RECORD SET
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION
GRADING AND DRAINAGE
STA SBN 1280+50 TO STA SBN 1294+00

CONTRACT NO. HSR06-0005
DRAWING NO. CV-G1598
SCALE 1" = 50'
SHEET NO.

$PLOT$



NOTES:

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

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FOR INTERNAL USE ONLY

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

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DESIGNED BY R. WONG
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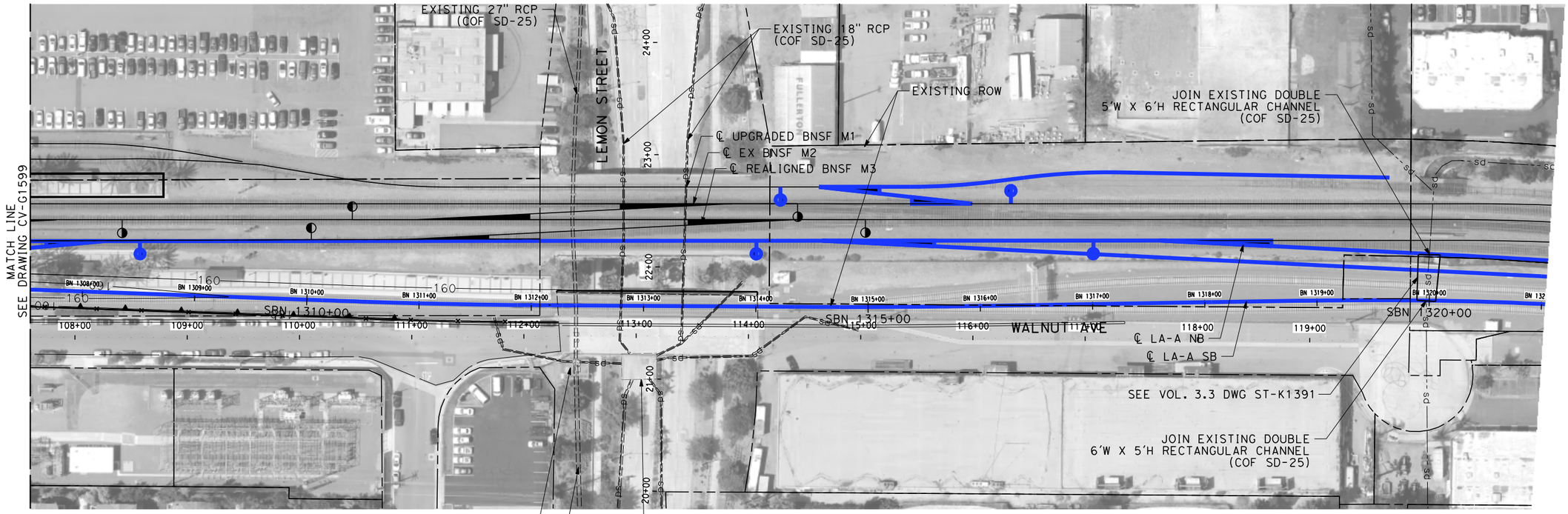
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CALIFORNIA HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM
RECORD SET
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION
GRADING AND DRAINAGE
STA SBN 1294+00 TO STA SBN 1307+50

CONTRACT NO. HSR06-0005
DRAWING NO. CV-G1599
SCALE 1" = 50'
SHEET NO.

$PLOT$



NOTES:

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50 0 50 100
1"=50'
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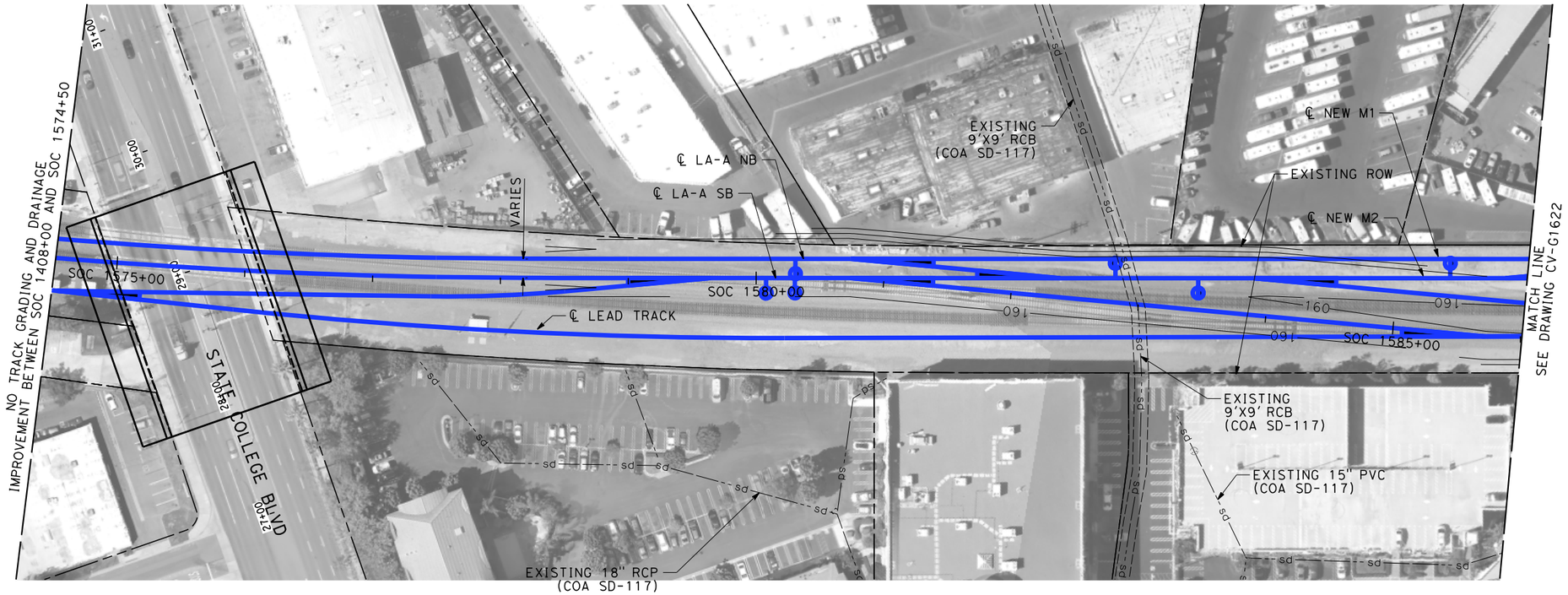
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CALIFORNIA HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM
RECORD SET
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION
GRADING AND DRAINAGE
STA SBN 1307+50 TO STA SBN 1321+00

CONTRACT NO. HSR06-0005
DRAWING NO. CV-G1600
SCALE 1" = 50'
SHEET NO.

$PLOT$



NOTES:

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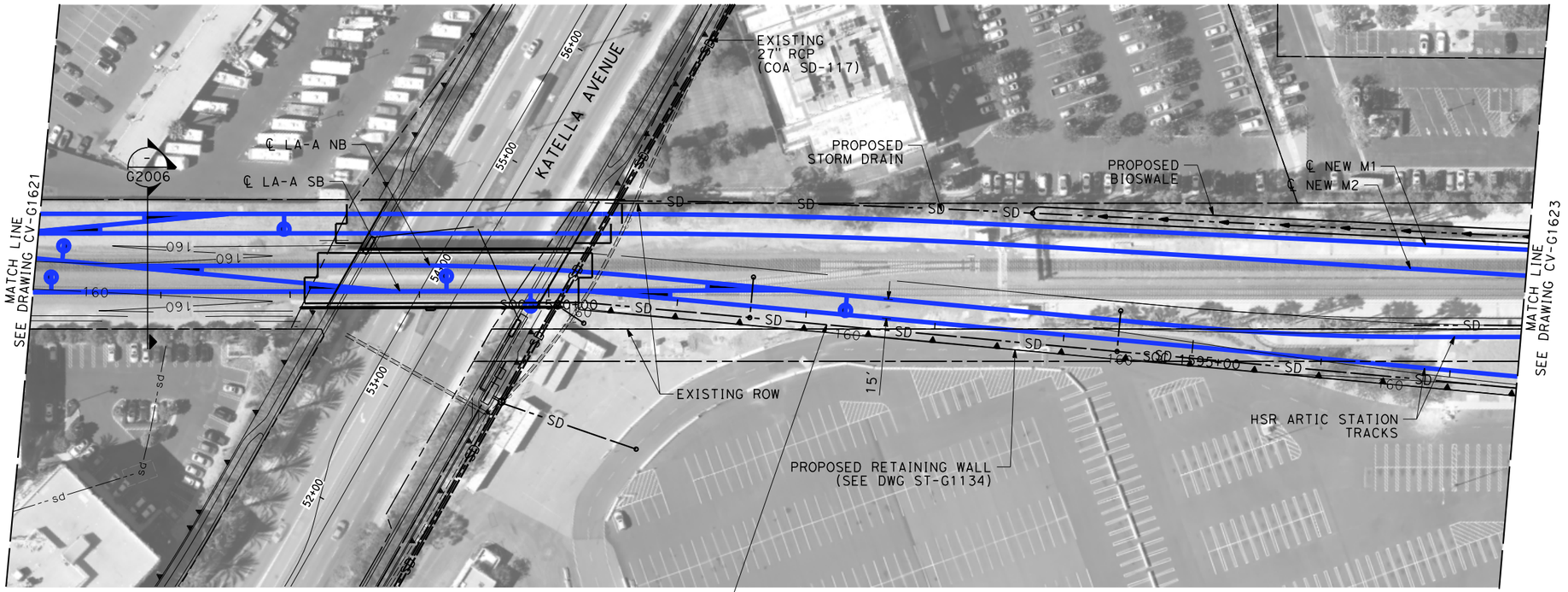
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CALIFORNIA HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM
RECORD SET
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION
GRADING AND DRAINAGE
STA SOC 1574+50 TO STA SOC 1586+00

CONTRACT NO. HSR06-0005
DRAWING NO. CV-G1621
SCALE 1" = 50'
SHEET NO.

$PLOT$



NOTES:

1. INTRUSION BARRIER WILL BE PROVIDED AT RAILROAD RIGHT OF WAY.
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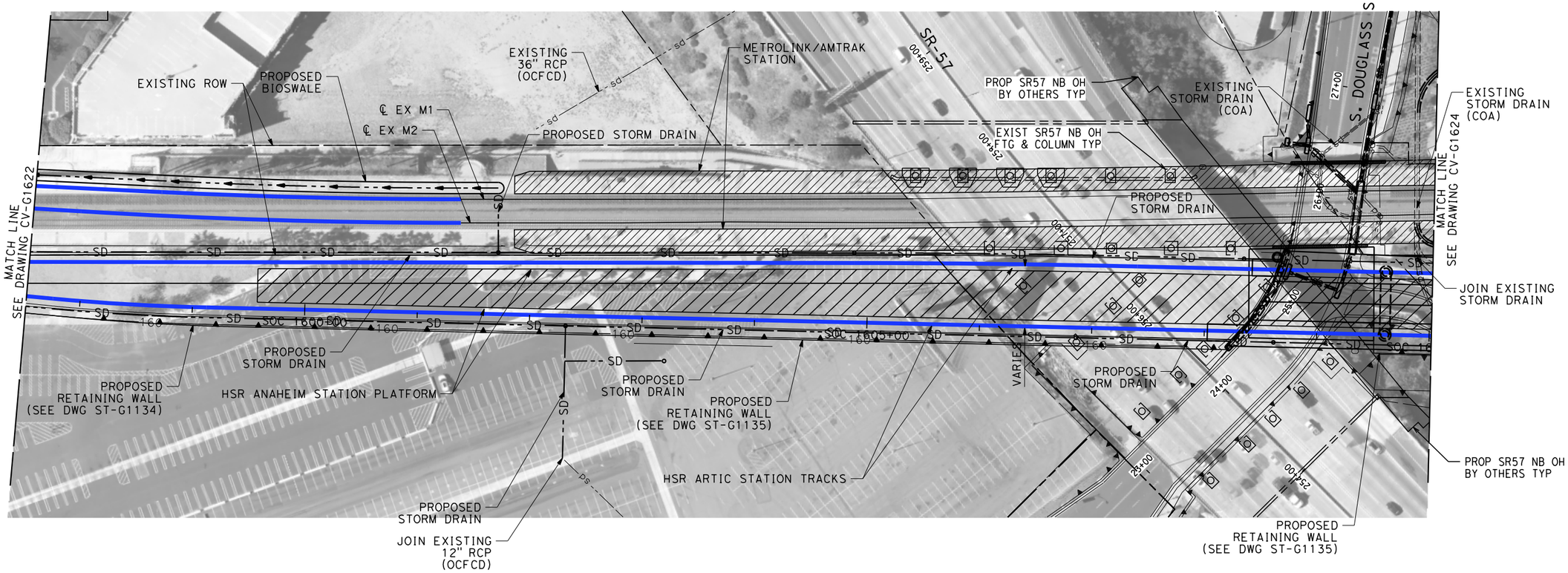
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CALIFORNIA HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM
RECORD SET
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION
GRADING AND DRAINAGE
STA SOC 1586+00 TO STA SOC 1597+50

CONTRACT NO. HSR06-0005
DRAWING NO. CV-G1622
SCALE 1" = 50'
SHEET NO.

$PLOT$



NOTES:

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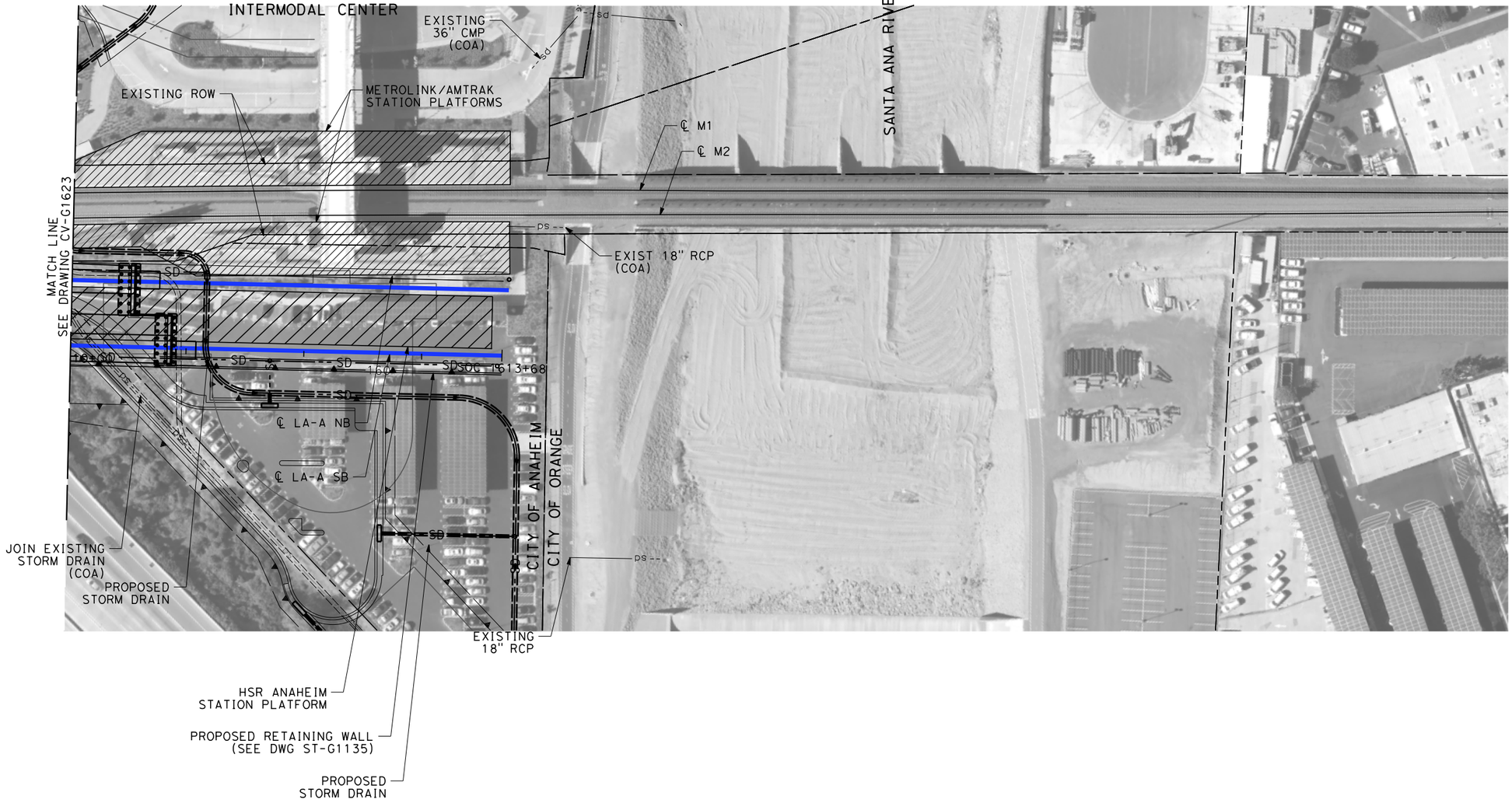
stv

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 SOC 1597+50 TO STA SOC 1610+00

CONTRACT NO. HSR06-0005
DRAWING NO. CV-G1623
SCALE 1" = 50'
SHEET NO.

$PLOT$



NOTES:

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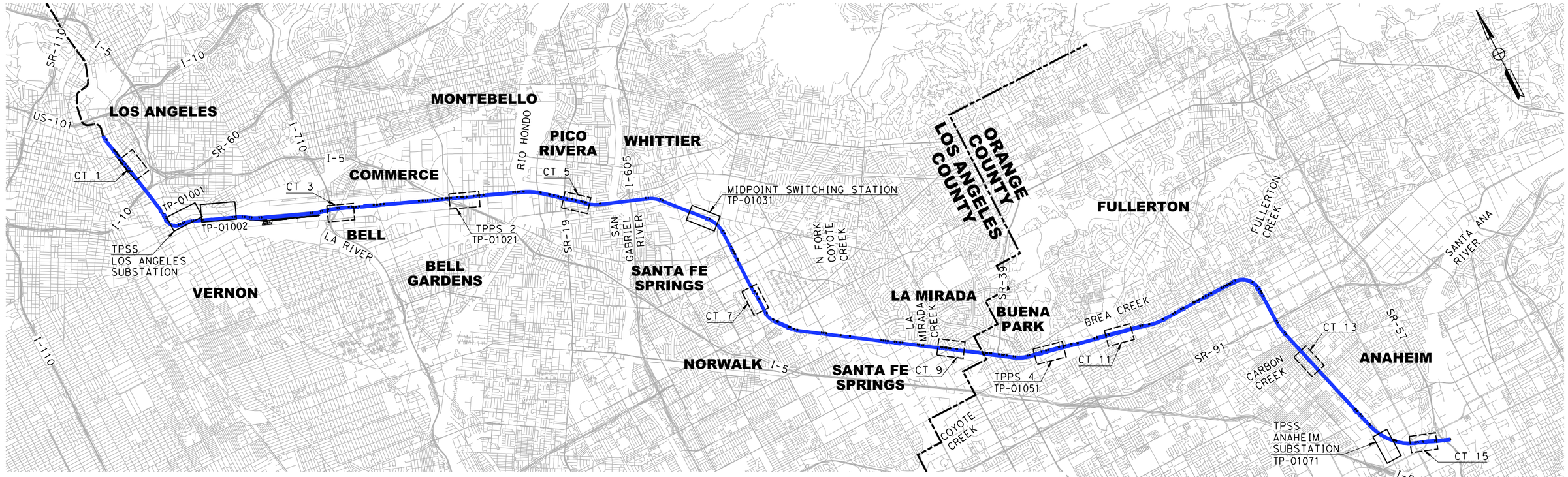
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CALIFORNIA HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM
RECORD SET
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION
GRADING AND DRAINAGE
STA SOC 1610+00 TO STA SOC 1613+68

CONTRACT NO. HSR06-0005
DRAWING NO. CV-G1624
SCALE 1" = 50'
SHEET NO.

$PLOT$



FACILITIES				
DESCRIPTION	STATIONING	DIST FROM TERMINAL STATION	OFFSET FROM TRACK	DISTANCE FROM SYSTEM FACILITY OR COMM DISTANCES LINE OF SIGHT	DRAWING NO
TRACTION POWER SUBSTATION (LOS ANGELES)	172+00	3.13 MILES FROM UNION STATION	30 FEET FROM HSR	3.13 MILES FROM LA UNION STATION	TP-01001
TRACTION POWER PARALLELING STATION 2	472+00	22.04 MILES FROM ARTIC	20 FEET FROM HSR	4.54 MILES FROM TPP STATION 1 (AT WASHINGTON BLVD)	TP-01021
TRACTION POWER PARALLELING STATION 4	1122+00	9.47 MILES FROM ARTIC	40 FEET FROM HSR	7.73 MILES FROM MIDPOINT SWITCHING STATION (AT LOS NIETOS RD)	TP-01051
TRACTION POWER MIDPOINT SWITCHING STATION	714+00	13.47 MILES FROM UNION STATION	100 FEET FROM HSR	4.6 MILES FROM PARALLELING STATION 2 (AT MAPLE AVE)	TP-01031
TRACTION POWER SUBSTATION (ANAHEIM)	1545+00	1.5 MILES FROM ARTIC	69 FEET FROM HSR	8.01 MILES FROM PARALLELING STATION 4 (AT ARTESIA BLVD)	TP-01071
COMMUNICATION TOWER 1 (STANDALONE RADIO SITE 1)	235+00	1.74 MILES FROM UNION STATION	801 FEET FROM HSR	1.38 MILES FROM COMMUNICATION TOWER AT PATSAOURAS PLAZA	CO-F1011
COMMUNICATION TOWER 3 (STANDALONE RADIO SITE 3)	337+50	6.25 MILES FROM UNION STATION	53 FEET FROM HSR	4.10 MILES FROM COMMUNICATION TOWER 1 (AT JESSE ST)	CO-F1031
COMMUNICATION TOWER 5 (STANDALONE RADIO SITE 5)	575+00	10.91 MILES FROM UNION STATION	72 FEET FROM HSR	4.50 MILES FROM COMMUNICATION TOWER 3 (AT ATLANTIC BLVD	CO-F1051
COMMUNICATION TOWER 7 (STANDALONE RADIO SITE 7)	809+00	15.27 MILES FROM UNION STATION	111 FEET FROM HSR	3.91 MILES FROM COMMUNICATION TOWER 5 (AT SERAPIS AVE)	CO-F1071
COMMUNICATION TOWER 9 (STANDALONE RADIO SITE 9)	1021+00	19.31 MILES FROM UNION STATION	97 FEET FROM HSR	3.87 MILES FROM COMMUNICATION TOWER 7 (AT BLOOMFIELD AVE)	CO-F1091
COMMUNICATION TOWER 11 (STANDALONE RADIO SITE 11)	1190+00	22.52 MILES FROM UNION STATION	100 FEET FROM HSR	3.27 MILES FROM COMMUNICATION TOWER 9 (AT ALONDRA RD)	CO-F1111
COMMUNICATION TOWER 13 (STANDALONE RADIO SITE 13)	1429+00	27 MILES FROM UNION STATION	178 FEET FROM HSR	3.57 MILES FROM COMMUNICATION TOWER 11 (AT BROOKHURST RD)	CO-F1131
COMMUNICATION TOWER 15 (STANDALONE RADIO SITE 15)	1590+00	30.06 MILES FROM UNION STATION	111 FEET FROM HSR	3.22 MILES FROM COMMUNICATION TOWER 13 (AT SYCAMORE STREET)	CO-F1151

NOTE:

1. SINCE THE HSR BURBANK TO LA SEGMENT (APPROXIMATELY 12 MILES LONG) HAS NO TRACTION POWER SUBSTATIONS (TPSS) WITHIN IT'S SEGMENT, THE LA TO ANAHEIM SEGMENT MUST HAVE TWO TPSS'S WITHIN IT'S SEGMENT. ONE IS LOCATED ON THE EAST BANK OF THE LA RIVER WITHIN THE CITY OF LA AND THE OTHER IS AT THE END OF THIS SEGMENT IN CITY OF ANAHEIM. DISTANCE BETWEEN THESE TPSS'S IS APPROXIMATELY 30 MILES.

LEGEND:

TPPS	TRACTION POWER PARALLELING STATION
TPSS	TRACTION POWER SUBSTATION
TPSWS	TRACTION SWITCHING STATION
CT	COMMUNICATION TOWER
TO	TURNOUT
XO	CROSSOVER
LA	LOS ANGELES
	IMPACTED PARCELS SEE ROW DRAWINGS

NOT FOR CONSTRUCTION
FOR INTERNAL USE ONLY

5,000 0 5,000 10,000

1"=5000'

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

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CALIFORNIA HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM
RECORD SET
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION
SYSTEM FACILITIES KEY PLAN
SHEET 1 OF 1

CONTRACT NO. HSR06-0005
DRAWING NO. TP-B0001
SCALE 1" = 5000'
SHEET NO.

$PLOT$

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.

UNION PACIFIC RR TRACK

PERRINO PL

N SOTO ST

E WASHINGTON BLVD

250'x 115' PROP SUBSTATION

PROP UG DUCTBANK TO OCS ON VIADUCT

PROP POLE TYP (MAX 200' OC)

PROP OH ELEC FEED

PROP PULLBOX OR VAULT OR WORK AREA (10'x40') TYP

℄ BNSF TRACKS

℄ LA-A NB

℄ LA-A SB

LOS ANGELES RIVER

E 23RD ST

SBN 160+00

SBN 165+00

SBN 170+00

SBN 175+00

SBN 180+00

SBN 185+00

SBN 190+00

MATCH LINE
SEE TP-01002

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100 0 100 200
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CALIFORNIA HIGH-SPEED RAIL AUTHORITY

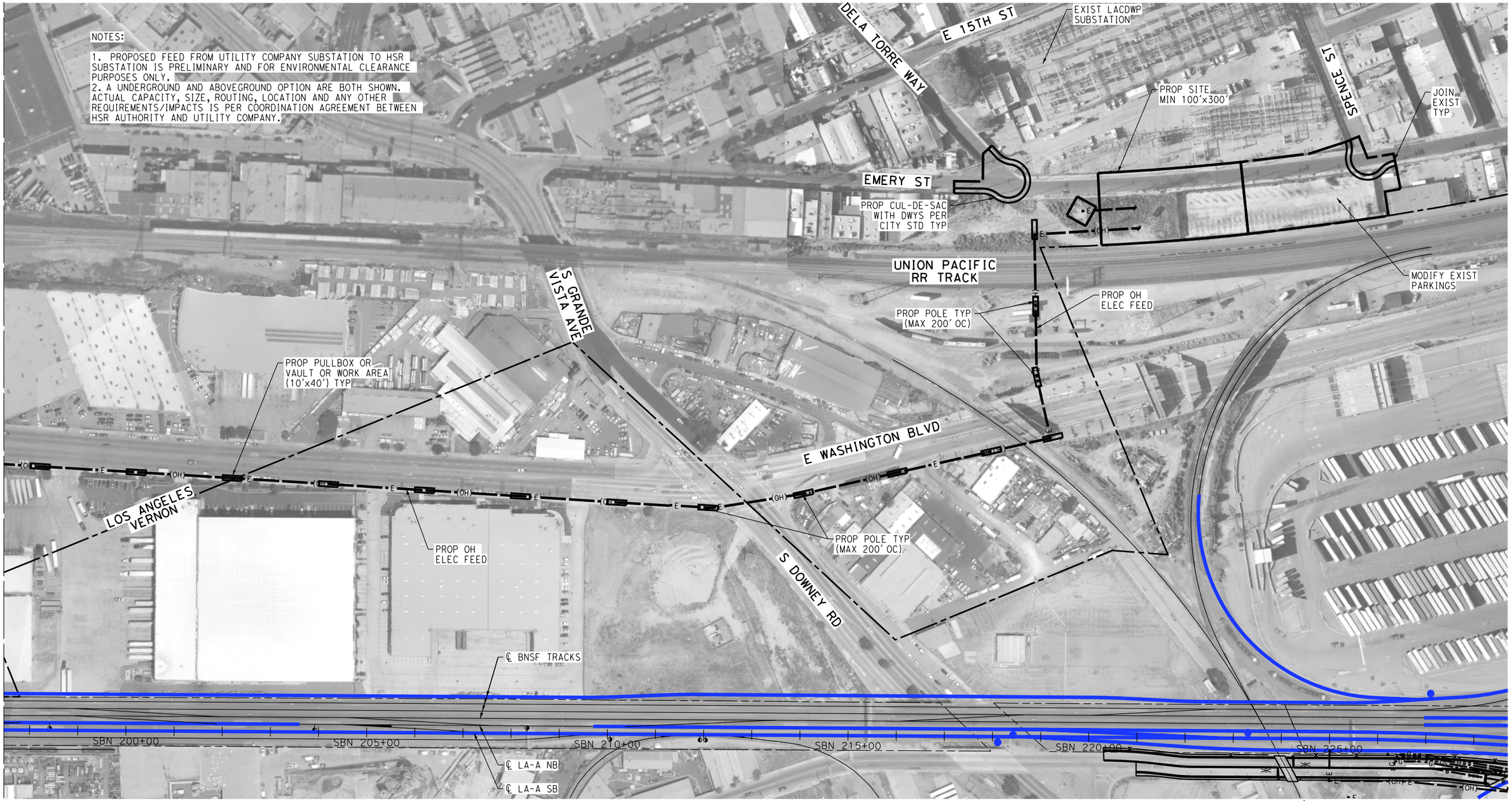
CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM
RECORD SET
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION
TRACTION POWER FACILITY SITE PLAN
PROPOSED LOS ANGELES SUBSTATION

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

$PLOT$

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MATCH LINE
SEE TP-01001

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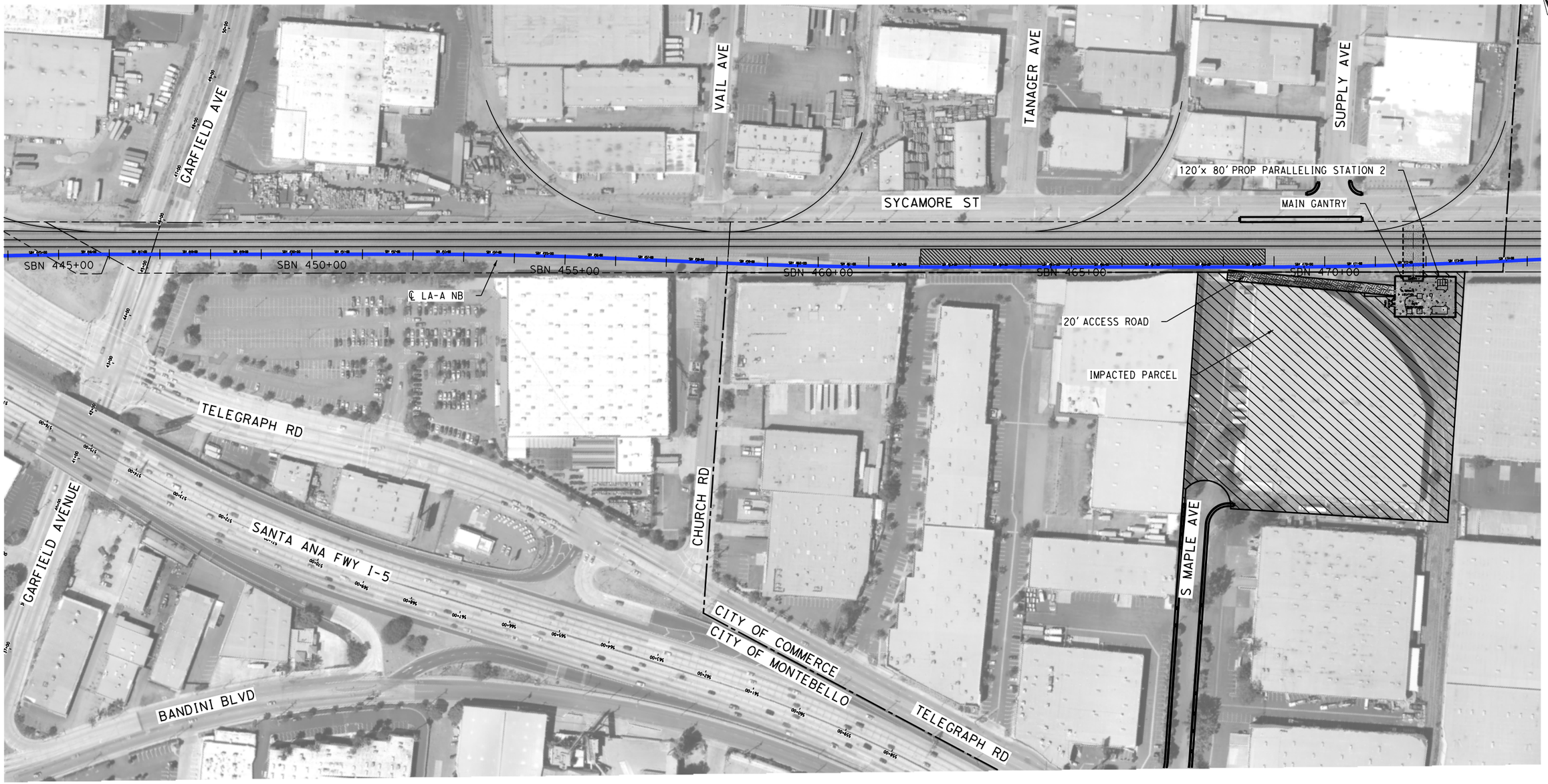
stv

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.

$PLOT$



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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 PARALLELING STATION 2

CONTRACT NO. HSR06-0005
DRAWING NO. TP-01021
SCALE 1" = 100'
SHEET NO.

$PLOT$



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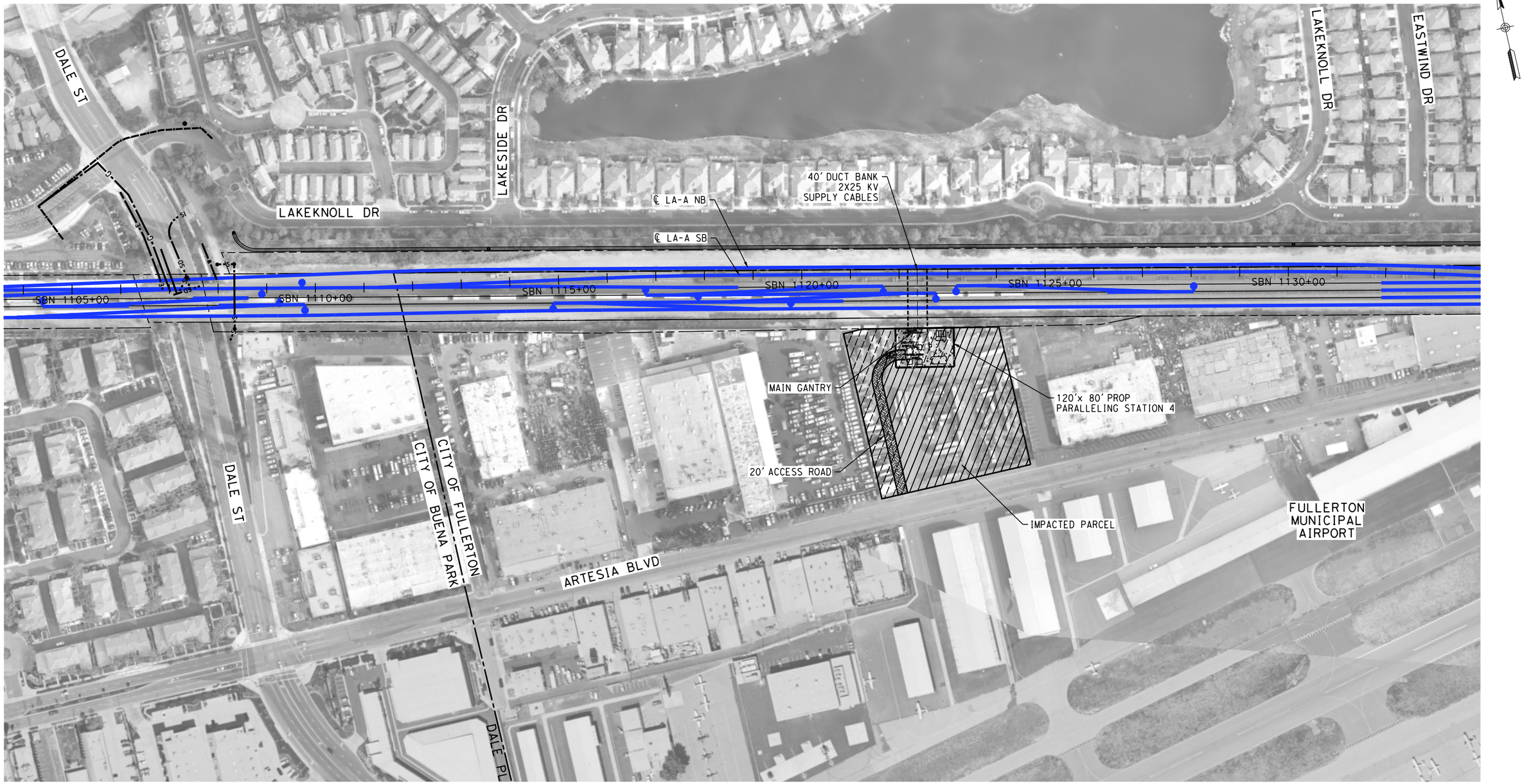
stv

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.

$PLOT$



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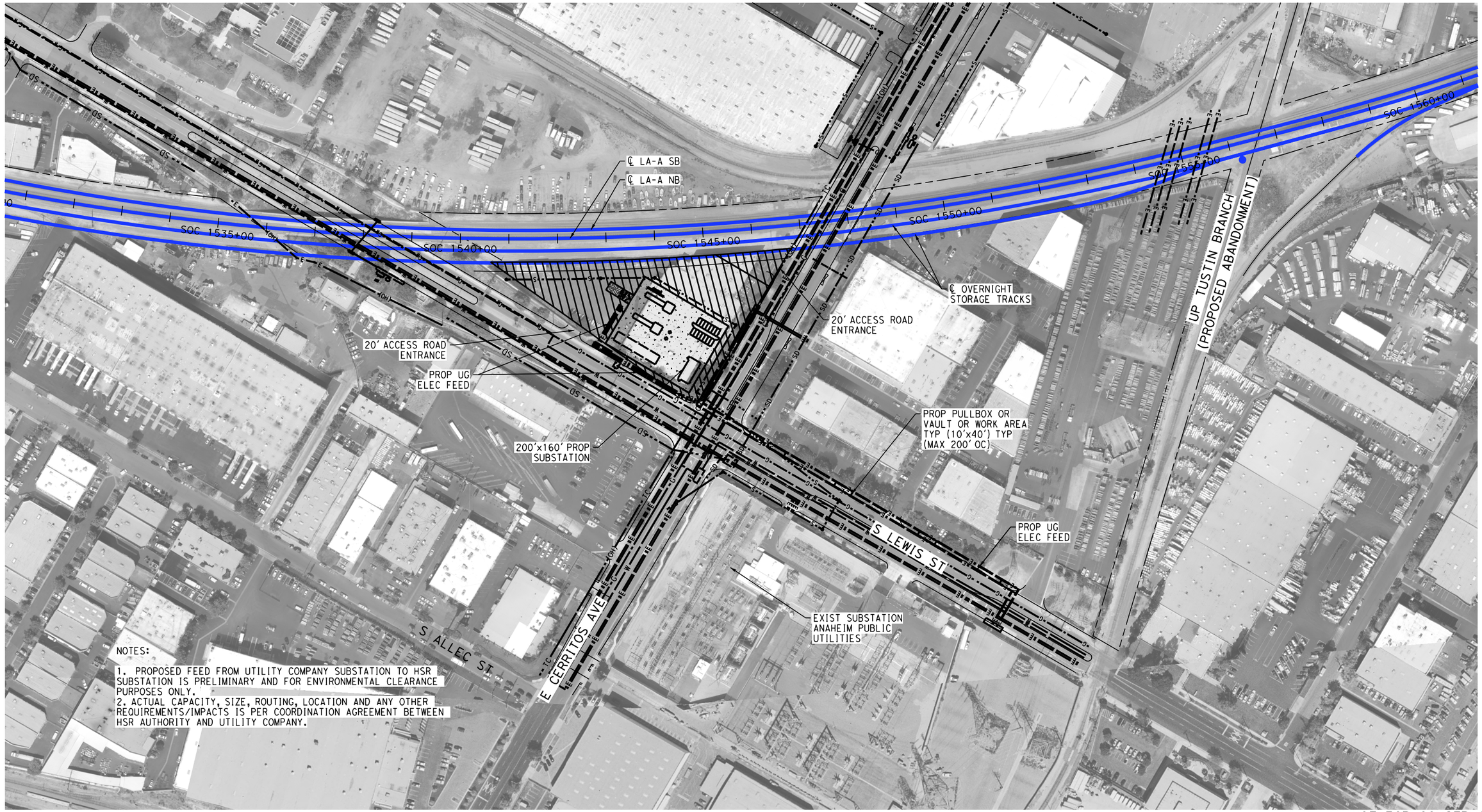
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CALIFORNIA HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM
RECORD SET
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION
TRACTION POWER FACILITY SITE PLAN
PROPOSED PARALLELING STATION 4

CONTRACT NO. HSR06-0005
DRAWING NO. TP-01051
SCALE 1" = 100'
SHEET NO.

$PLOT$



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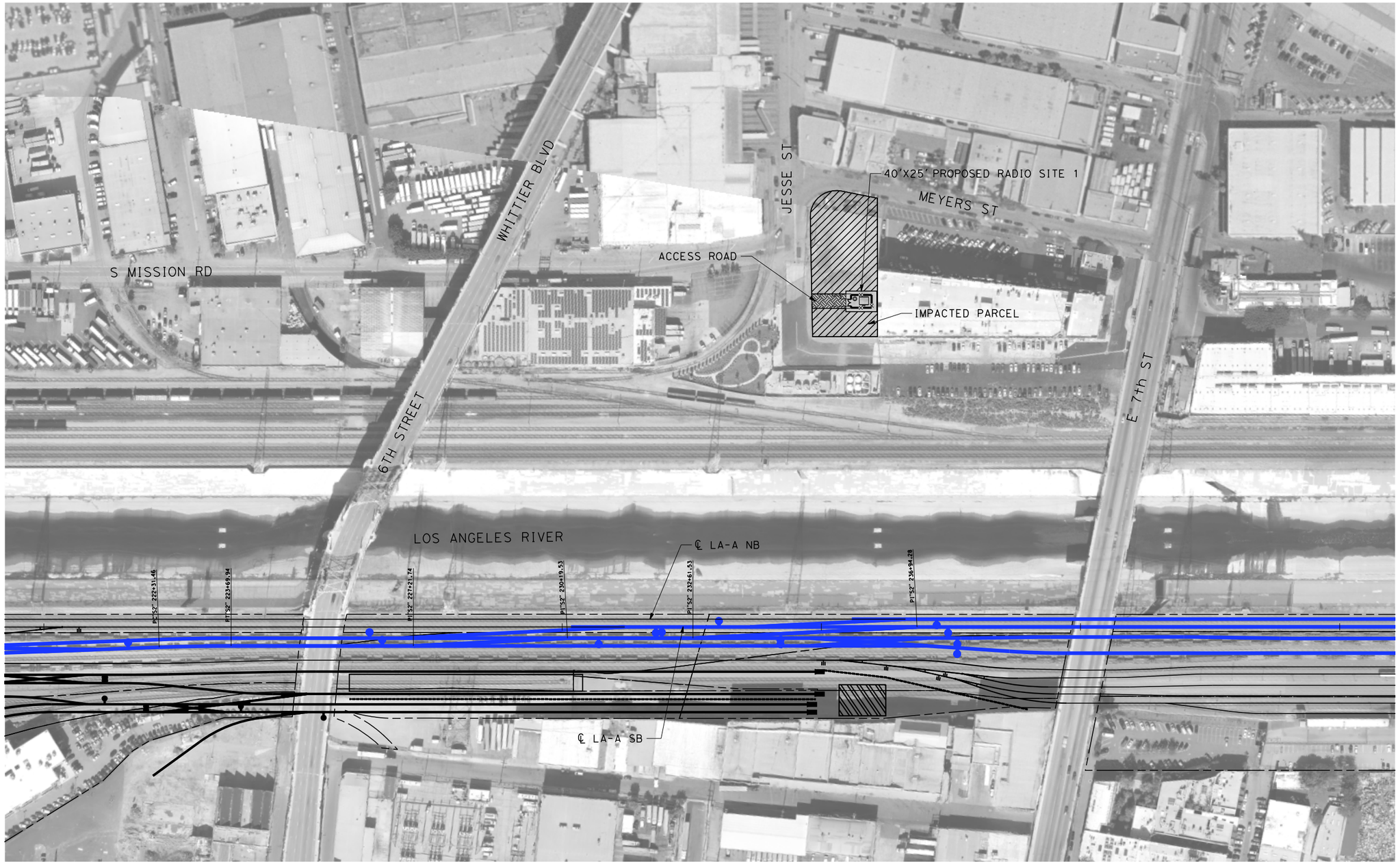
stv

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 ANAHEIM SUBSTATION

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

$PLOT$



CITY OF LOS ANGELES

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100 0 100 200
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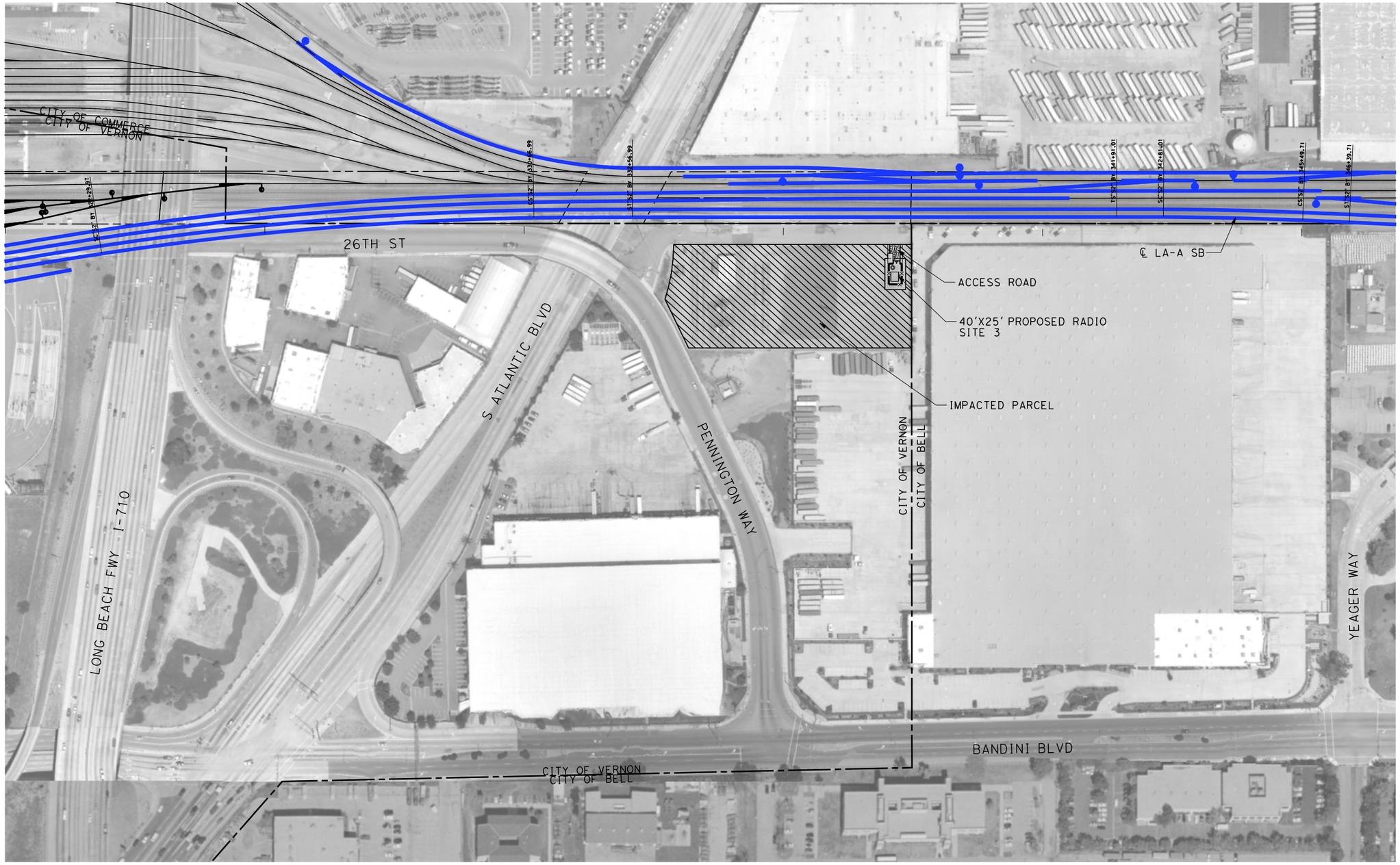
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CALIFORNIA HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM
RECORD SET
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION
COMMUNICATIONS SYSTEM SITE PLAN
STANDALONE RADIO SITE 1

CONTRACT NO. HSR06-0005
DRAWING NO. CO-F1011
SCALE 1" = 100'
SHEET NO.

$PLOT$



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100 0 100 200
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CITIES OF VERNON & BELL

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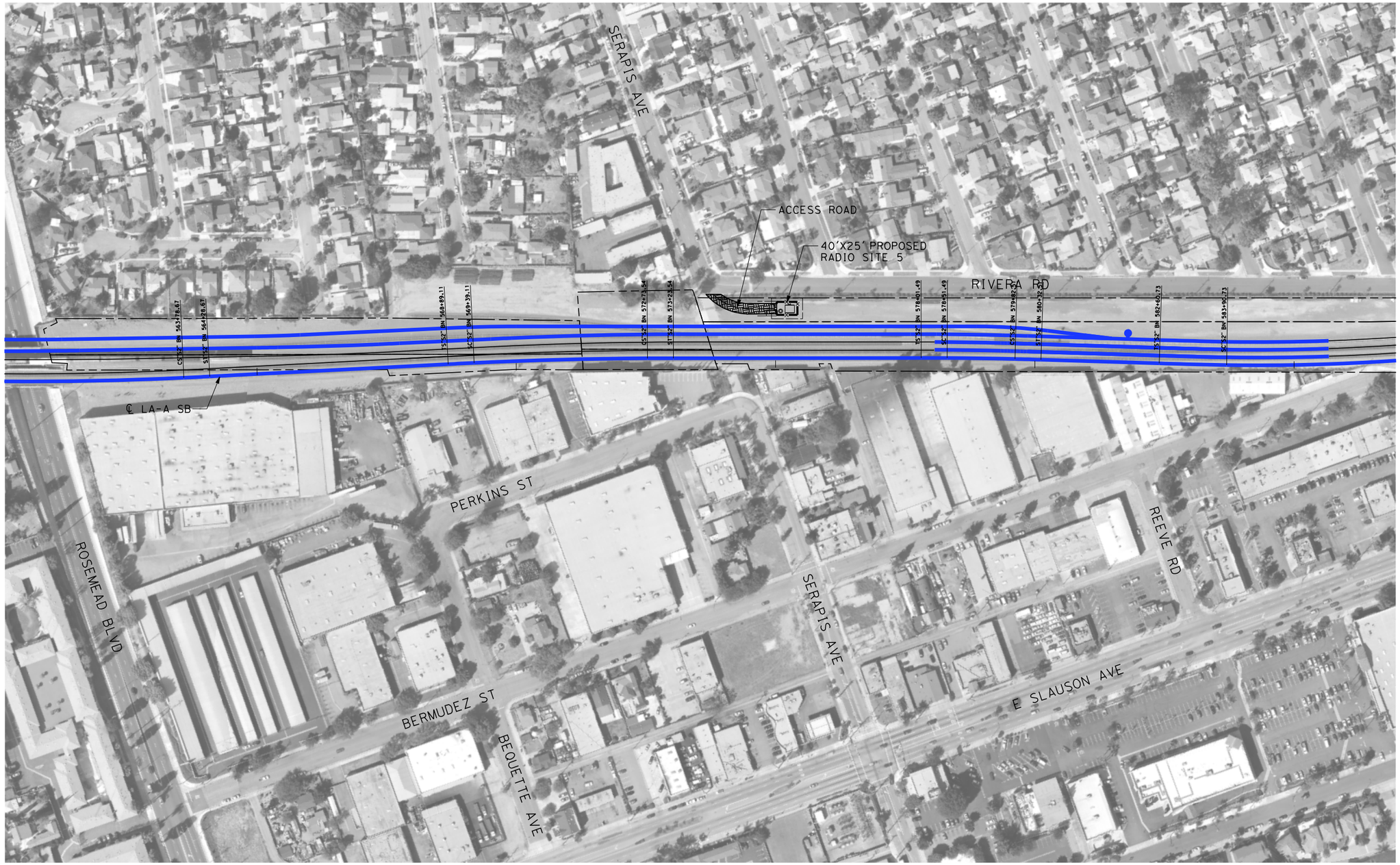
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CALIFORNIA HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM
RECORD SET
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION
COMMUNICATIONS SYSTEM SITE PLAN
STANDALONE RADIO SITE 3

CONTRACT NO. HSR06-0005
DRAWING NO. CO-F1031
SCALE 1" = 100'
SHEET NO.

$PLOT$



CITY OF PICO RIVERA

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100 0 100 200
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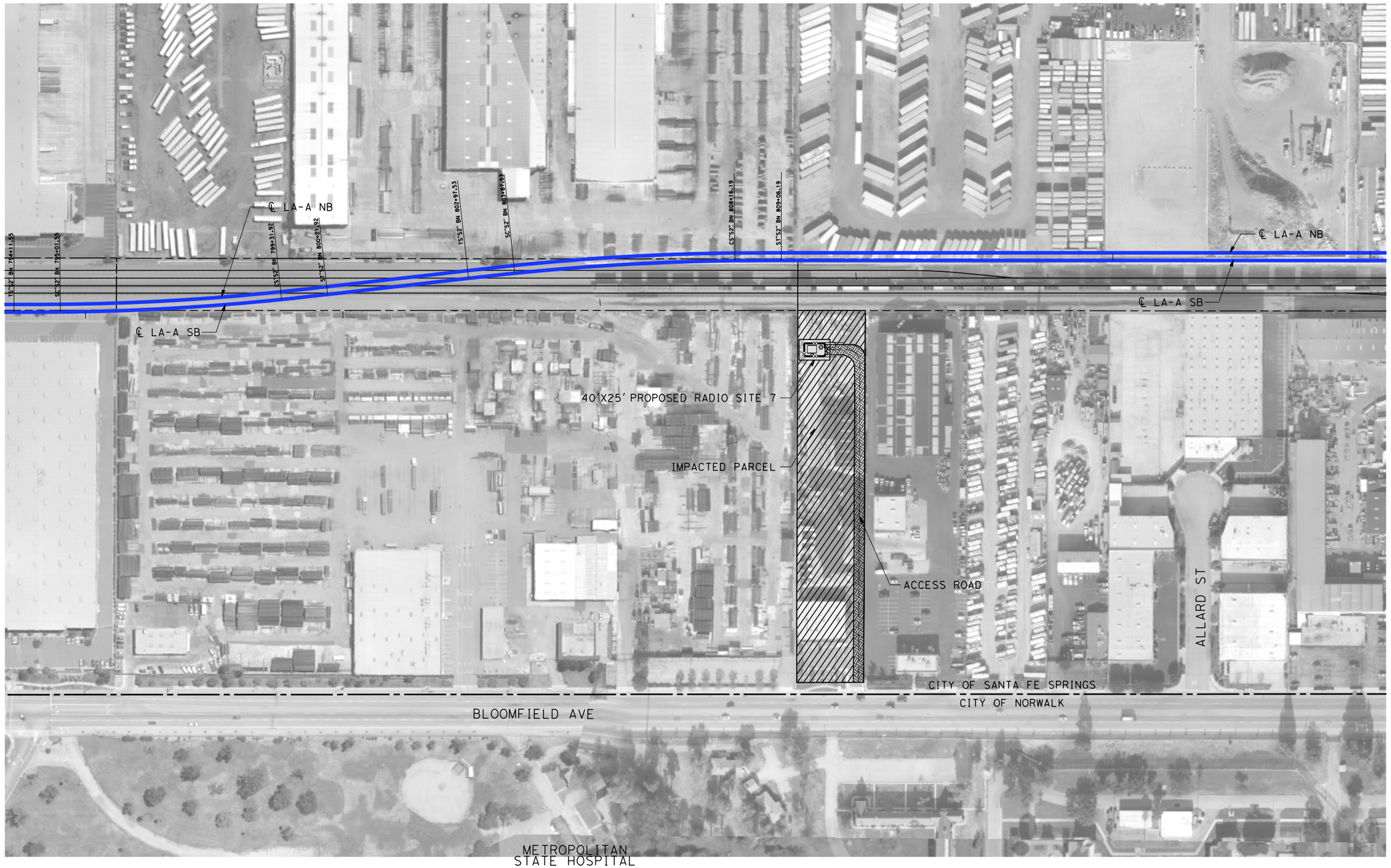
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CALIFORNIA HIGH-SPEED RAIL AUTHORITY

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.

$PLOT$



CITY OF SANTA FE SPRINGS

NOT FOR CONSTRUCTION
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100 0 100 200
1"=100'
SCALE APPLICABLE FOR FULL SIZE ONLY

REV	DATE	BY	CHK	APP	DESCRIPTION

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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 7

CONTRACT NO. HSR06-0005
DRAWING NO. CO-F1071
SCALE 1" = 100'
SHEET NO.

$PLOT$



CITIES OF SANTA FE SPRINGS & LA MIRADA

NOT FOR CONSTRUCTION
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100 0 100 200
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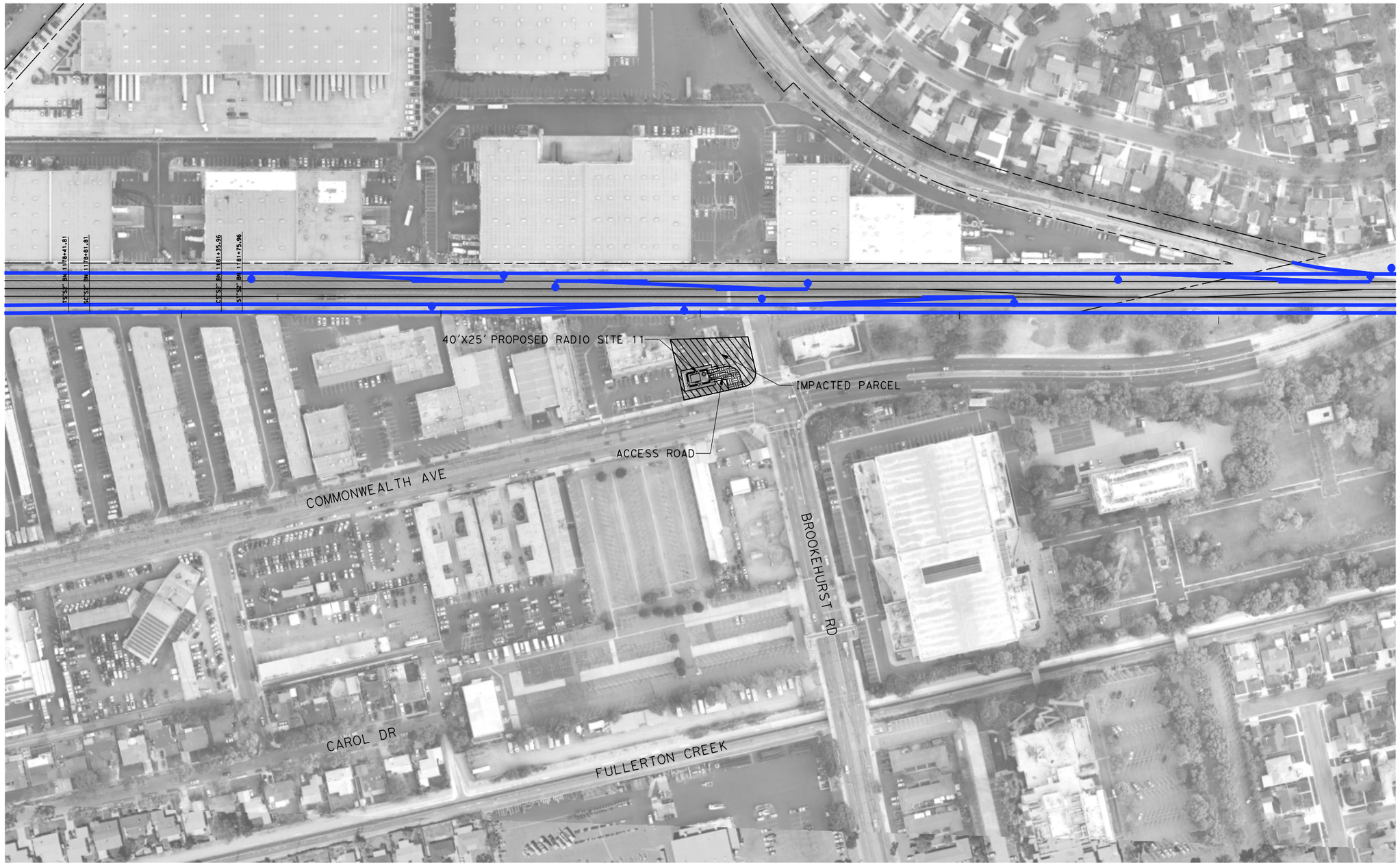
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CALIFORNIA HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM
RECORD SET
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION
COMMUNICATIONS SYSTEM SITE PLAN
STANDALONE RADIO SITE 9

CONTRACT NO. HSR06-0005
DRAWING NO. CO-F1091
SCALE 1" = 100'
SHEET NO.

$PLOT$



CITY OF FULLERTON

NOT FOR CONSTRUCTION
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100 0 100 200
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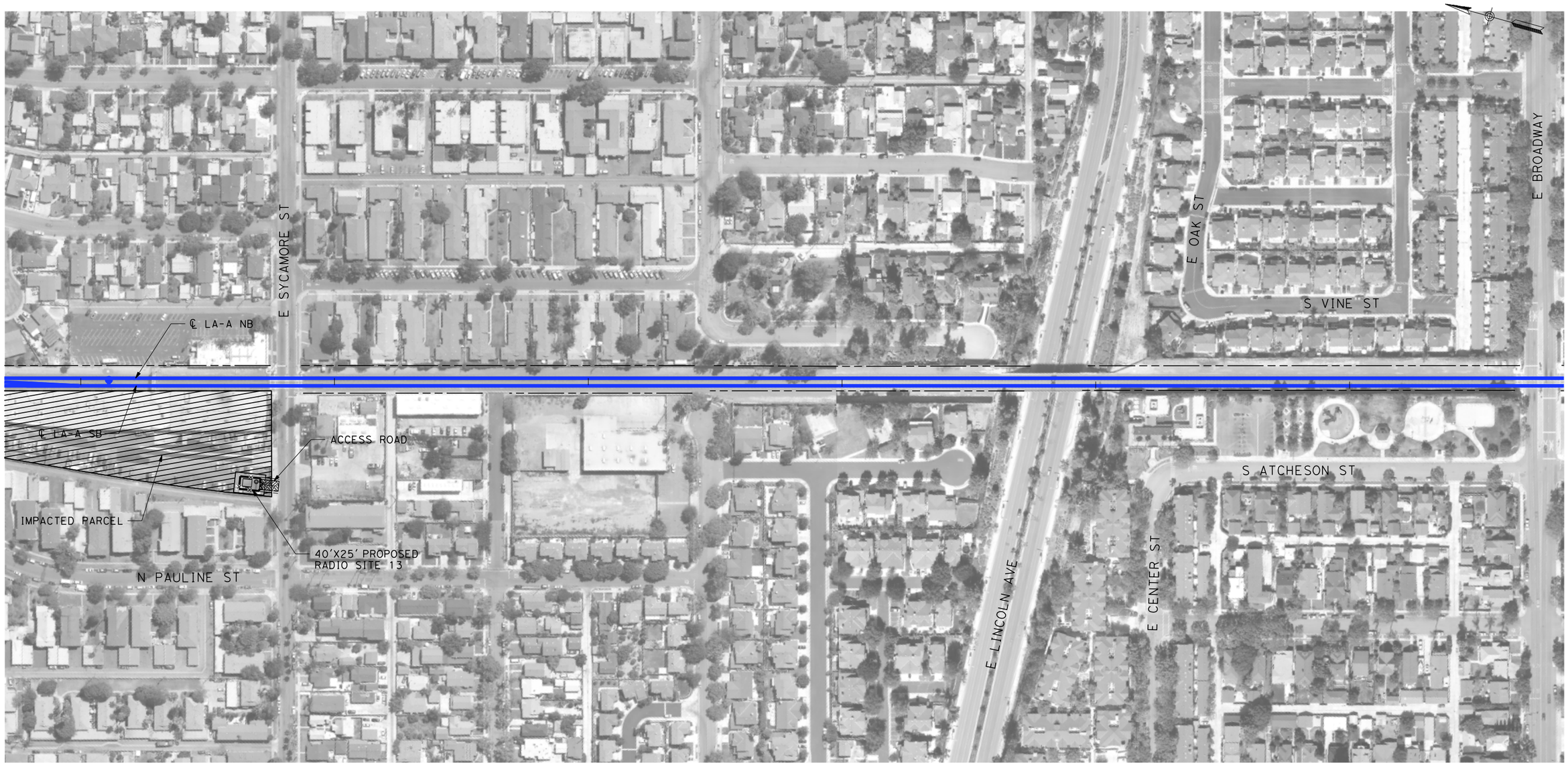
stv

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.

$PLOT$



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CITY OF ANAHEIM

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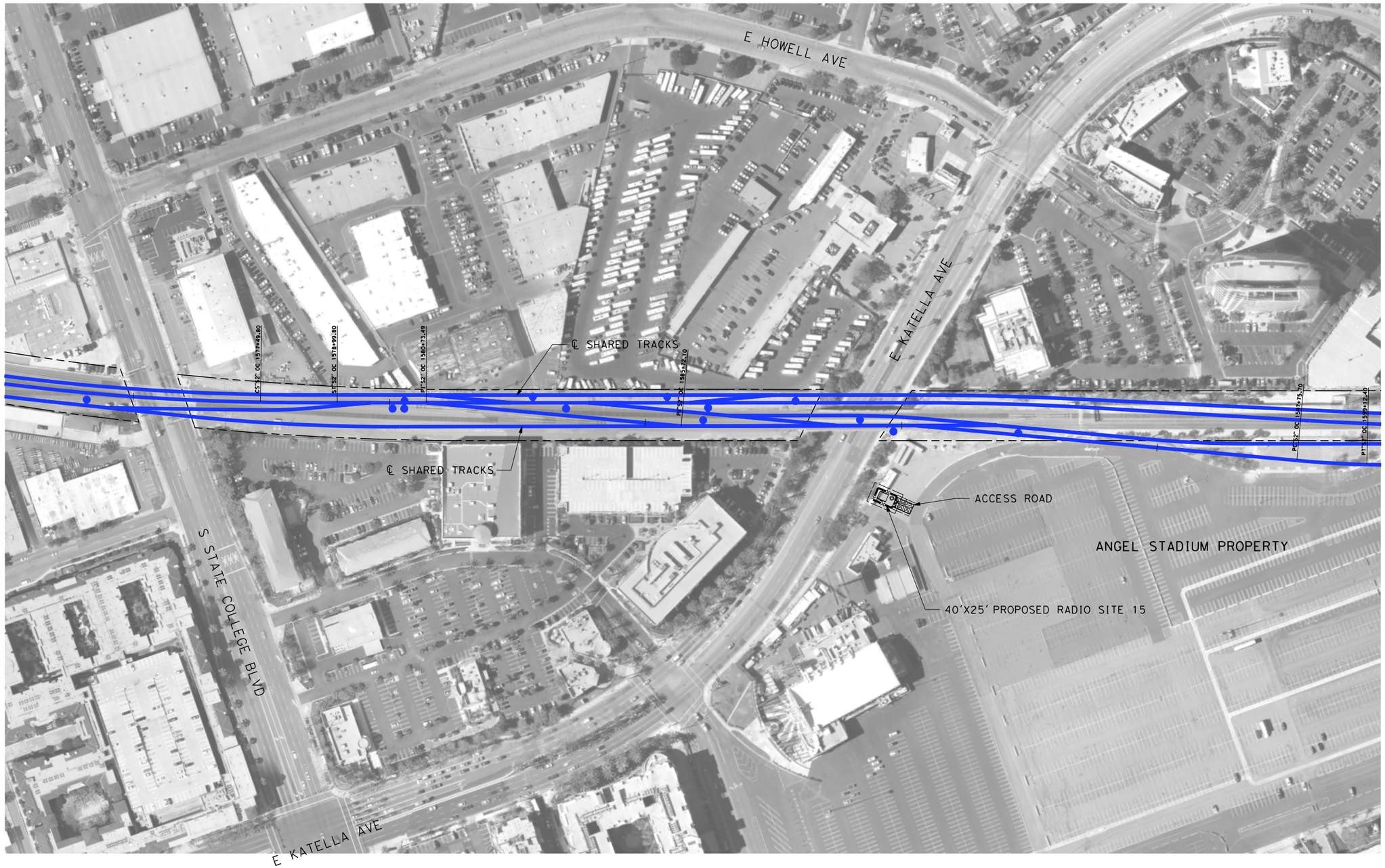
stv

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 13

CONTRACT NO. HSR06-0005
DRAWING NO. CO-F1131
SCALE 1" = 100'
SHEET NO.

$PLOT$



CITY OF ANAHEIM

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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 15

CONTRACT NO. HSR06-0005
DRAWING NO. CO-F1151
SCALE 1" = 100'
SHEET NO.

$PLOT$