

Appendix B

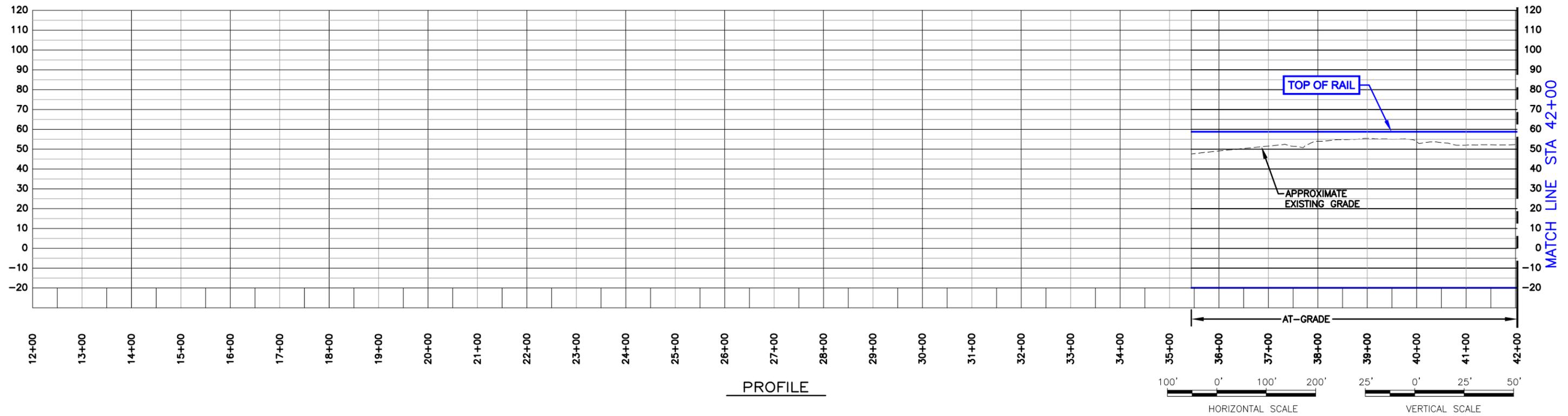
BEP Alternative Plans and Profiles

APPENDIX B
 BERRYESSA EXTENSION PROJECT ALTERNATIVE
 PRELIMINARY ENGINEERING PLANS AND PROFILES
 INDEX OF DRAWINGS

FIG NO.	TITLE	FIG NO.	TITLE
B-1	INDEX OF DRAWINGS	B-16	Proposed PE Alignment, STA 312+00 to 342+00
B-2	Proposed PE Alignment, STA 12+00 to 42+00	B-17	Retained Cut Long Option: Sheet 1 of 4
B-3	Proposed PE Alignment, STA 42+00 to 72+00	B-18	Retained Cut Long Option: Sheet 2 of 4
B-4	Proposed PE Alignment, STA 72+00 to 102+00	B-19	Retained Cut Long Option: Sheet 3 of 4
B-5	Proposed PE Alignment, STA 102+00 to 132+00	B-20	Retained Cut Long Option: Sheet 4 of 4
B-6	Proposed PE Alignment, STA 132+00 to 162+00	B-21	Retained Cut Intermediate Option: Sheet 1 of 3
B-7	Kato Road, Lowered Roadway	B-22	Retained Cut Intermediate Option: Sheet 2 of 3
B-8	Dixon Landing Road Retained Cut Option: Sheet 1 of 2	B-23	Retained Cut Intermediate Option: Sheet 3 of 3
B-9	Dixon Landing Road Retained Cut Option: Sheet 2 of 2	B-24	115K Overhead Line Relocation
B-10	Dixon Landing Road At-Grade Option: Sheet 1 of 3	B-25	Proposed PE Alignment, STA 432+00 to 462+00
B-11	Dixon Landing Road At-Grade Option: Sheet 2 of 3	B-26	Proposed PE Alignment, STA 462+00 to 492+00
B-12	Dixon Landing Road At-Grade Option: Sheet 3 of 3	B-27	No New Yard Option: Sheet 1 of 3
B-13	Proposed PE Alignment, STA 222+00 to 252+00	B-28	No New Yard Option: Sheet 2 of 3
B-14	Proposed PE Alignment, STA 252+00 to 282+00	B-29	No New Yard Option: Sheet 3 of 3
B-15	Proposed PE Alignment, STA 282+00 to 312+00	B-30	Las Plumas Yard Option: Sheet 1 of 3
		B-31	Las Plumas Yard Option: Sheet 2 of 3
		B-32	Las Plumas Yard Option: Sheet 3 of 3
		B-33	115KV Line Location
		B-34	Las Plumas Yard Option



PLAN



PROFILE

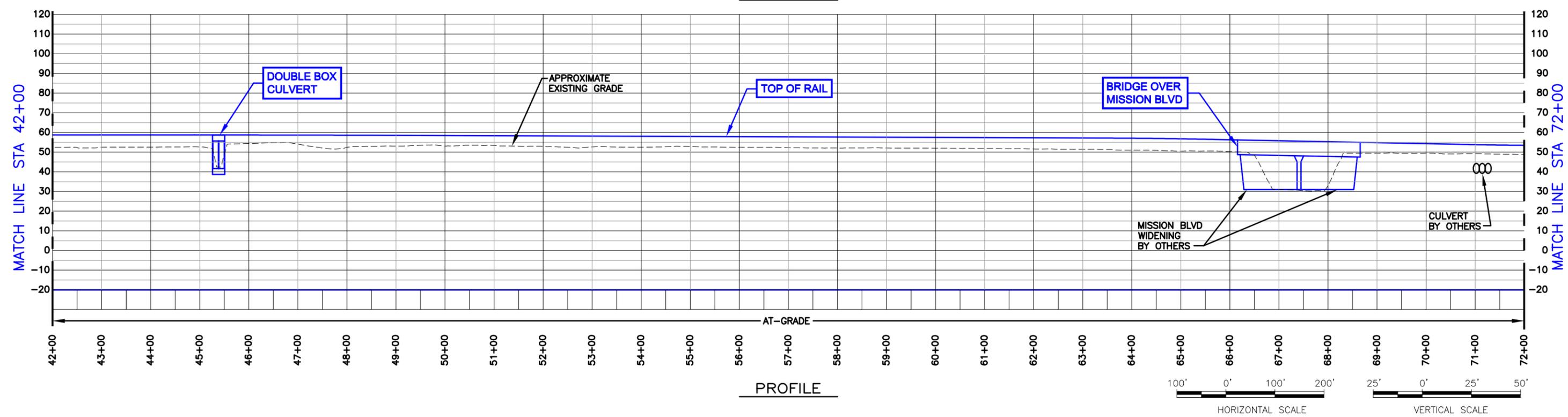
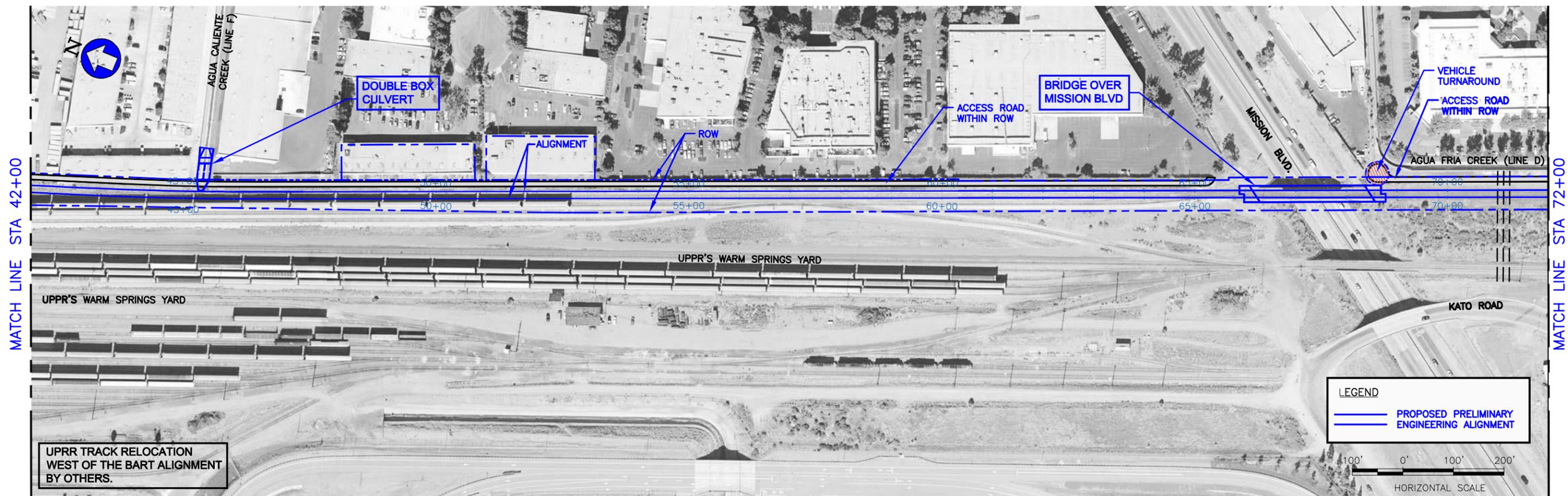
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BEP ALTERNATIVE AND SVRTP ALTERNATIVE

REVISION DATE: 10/22/08
PLAN AND PROFILE

Figure B-2

SCHROEDER_A Oct 15, 2008 - 10:40am W:\LSO\AD\Phase 2 Design\SEIR\Figures\BEP Alternative Plans and Profiles-Oct-22-08 - Dixon Retain Cut\Fig.B-3.dwg

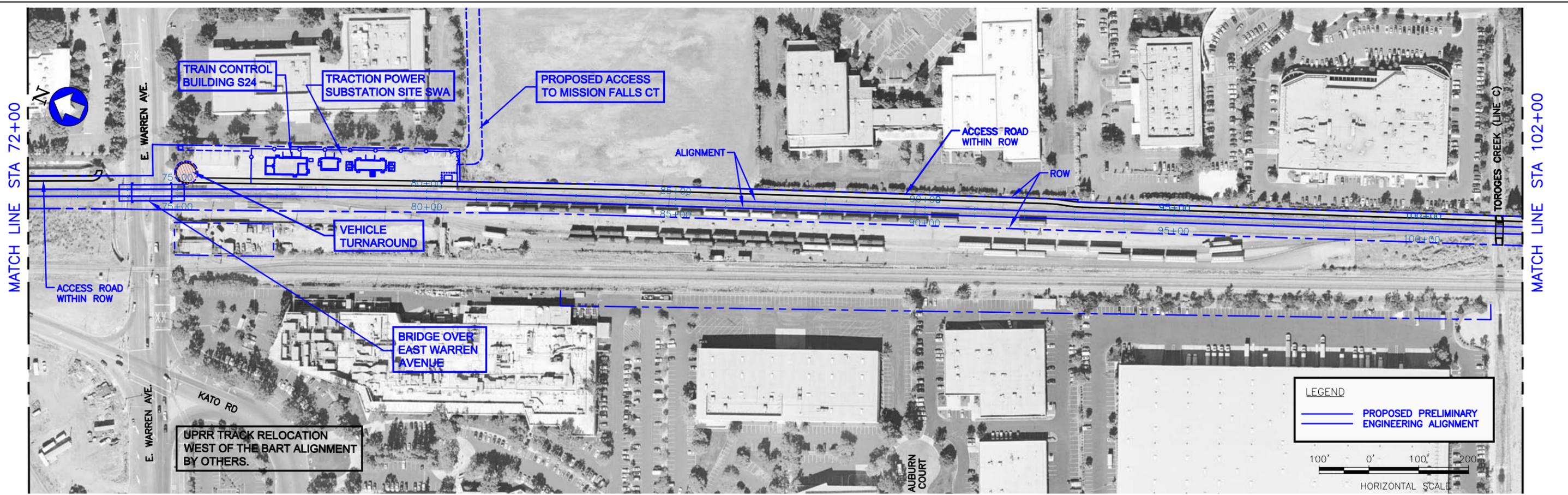


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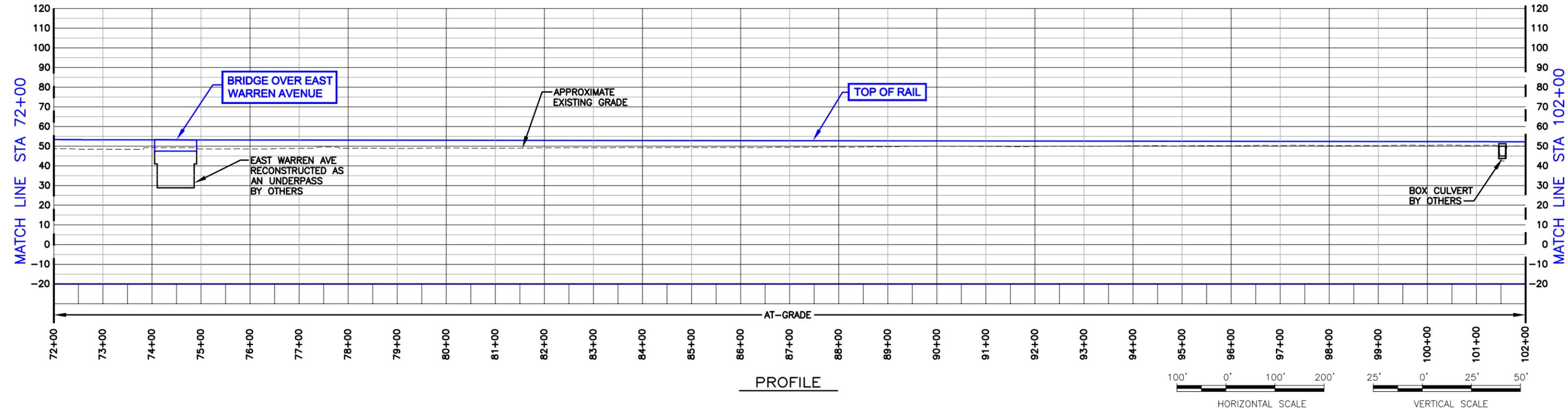
BEP ALTERNATIVE AND SVRTP ALTERNATIVE
 REVISION DATE: 10/22/08
 PLAN AND PROFILE

Figure B-3

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PLAN



PROFILE

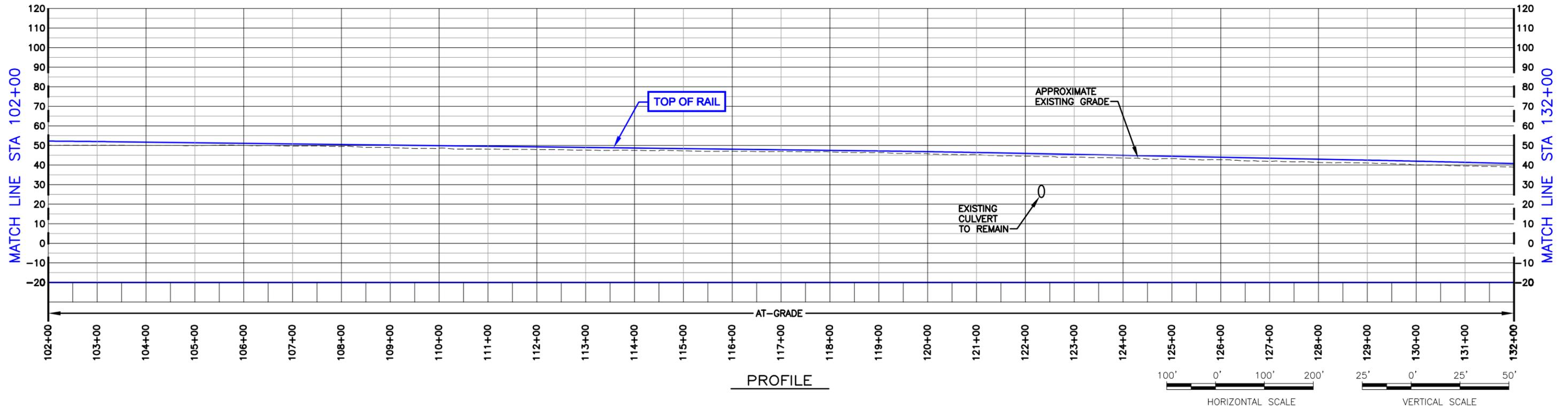
DRAWING IS SCHEMATIC AND FOR ALIGNMENT COMPARISON PURPOSES ONLY.

BEP ALTERNATIVE AND SVRTP ALTERNATIVE
REVISION DATE: 10/22/08
PLAN AND PROFILE

Figure B-4



PLAN



PROFILE

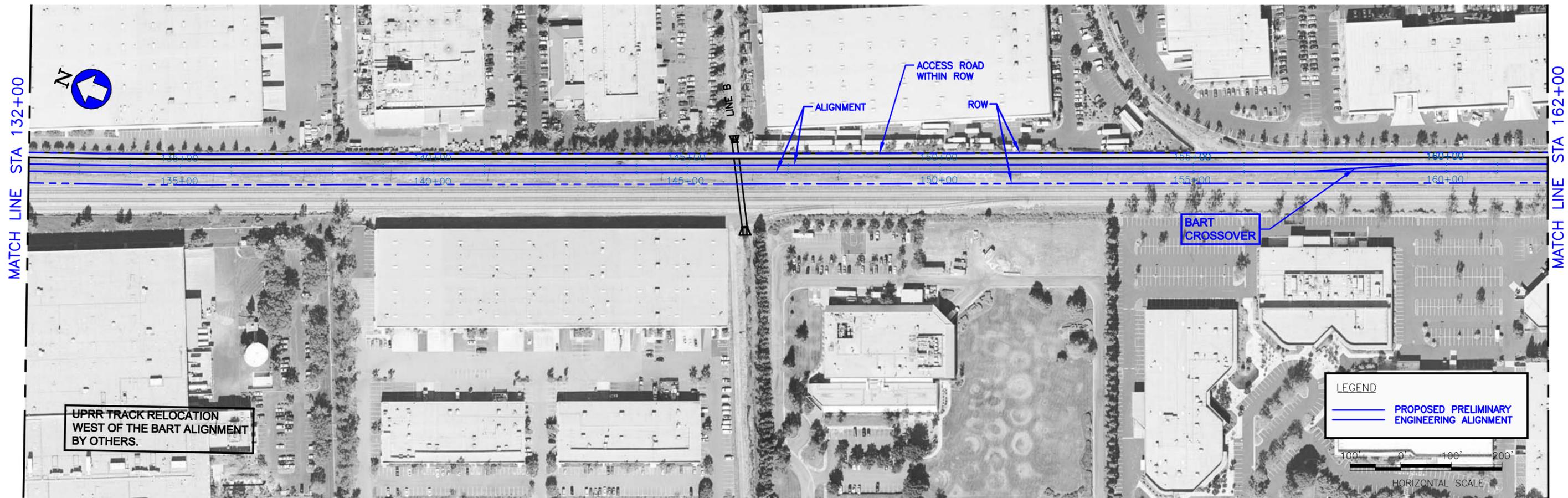
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BEP ALTERNATIVE AND SVRTP ALTERNATIVE

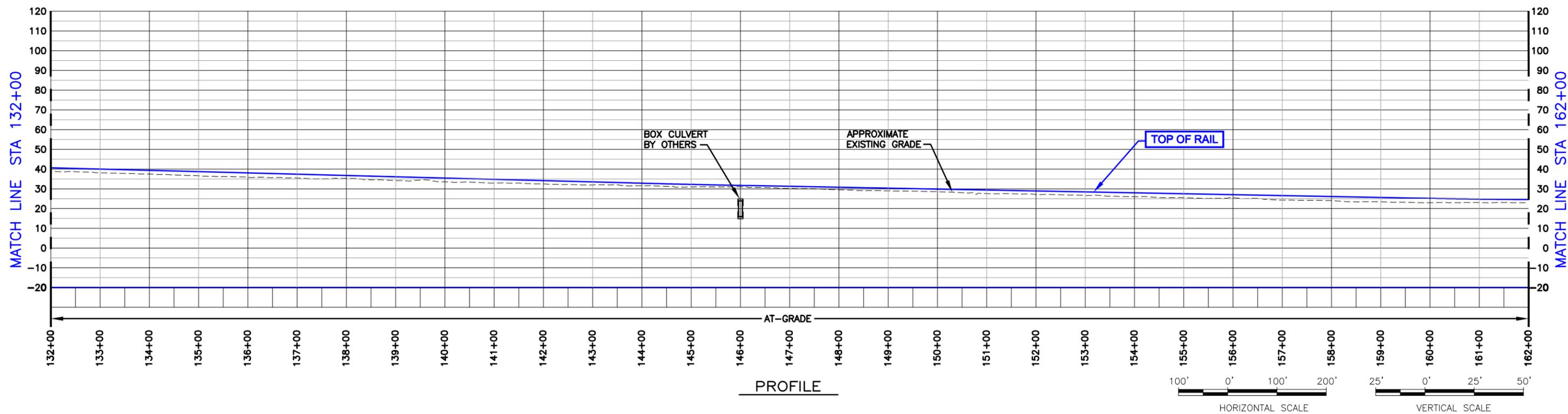
REVISION DATE: 10/22/08
PLAN AND PROFILE

Figure B-5

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PLAN



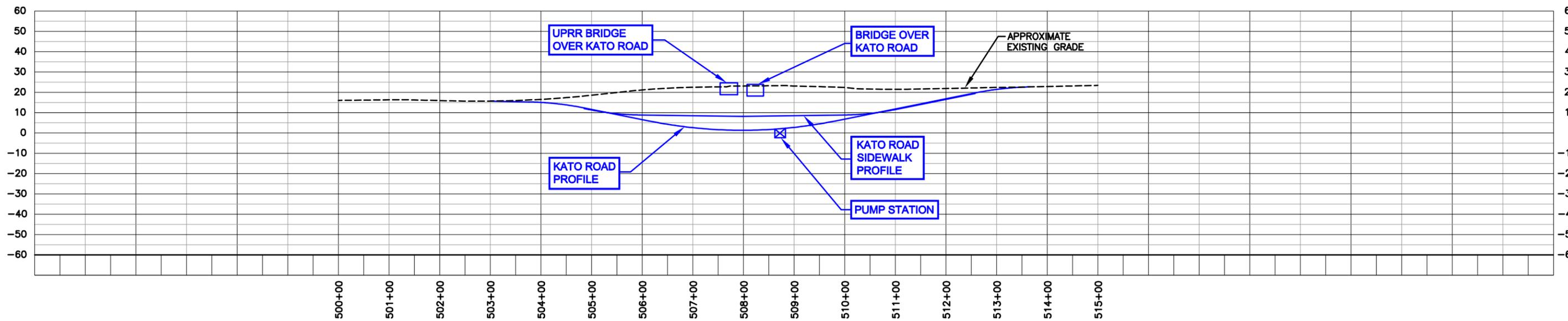
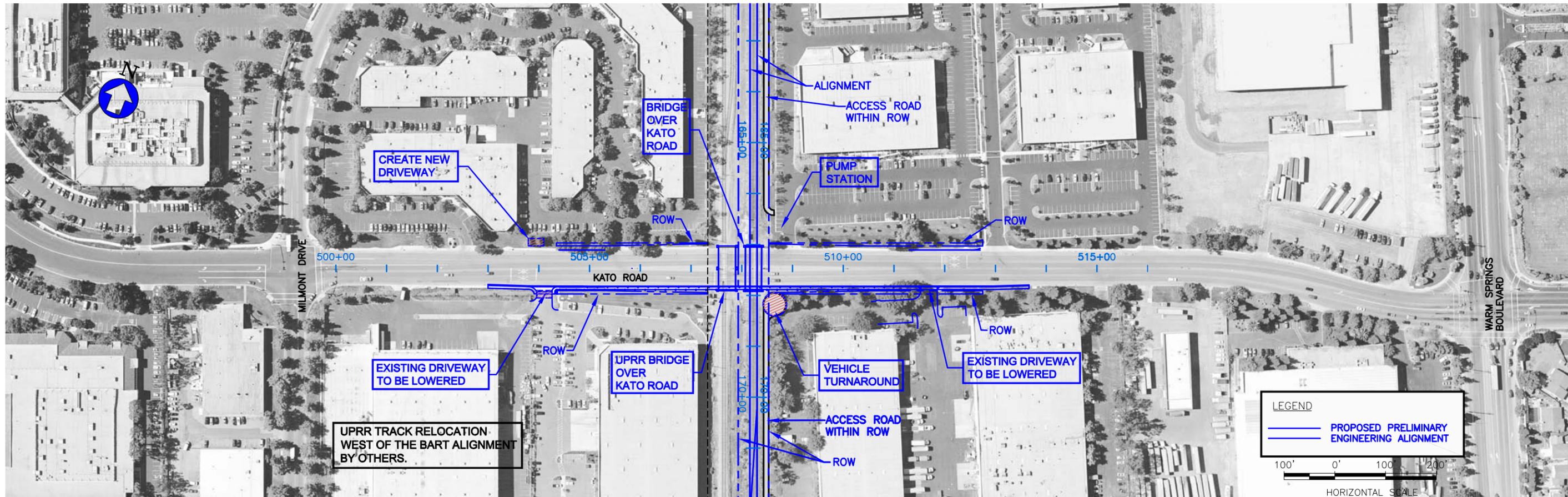
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DRAWING IS SCHEMATIC AND FOR ALIGNMENT COMPARISON PURPOSES ONLY.

BEP ALTERNATIVE AND SVRTP ALTERNATIVE

REVISION DATE: 10/22/08
PLAN AND PROFILE

Figure B-6

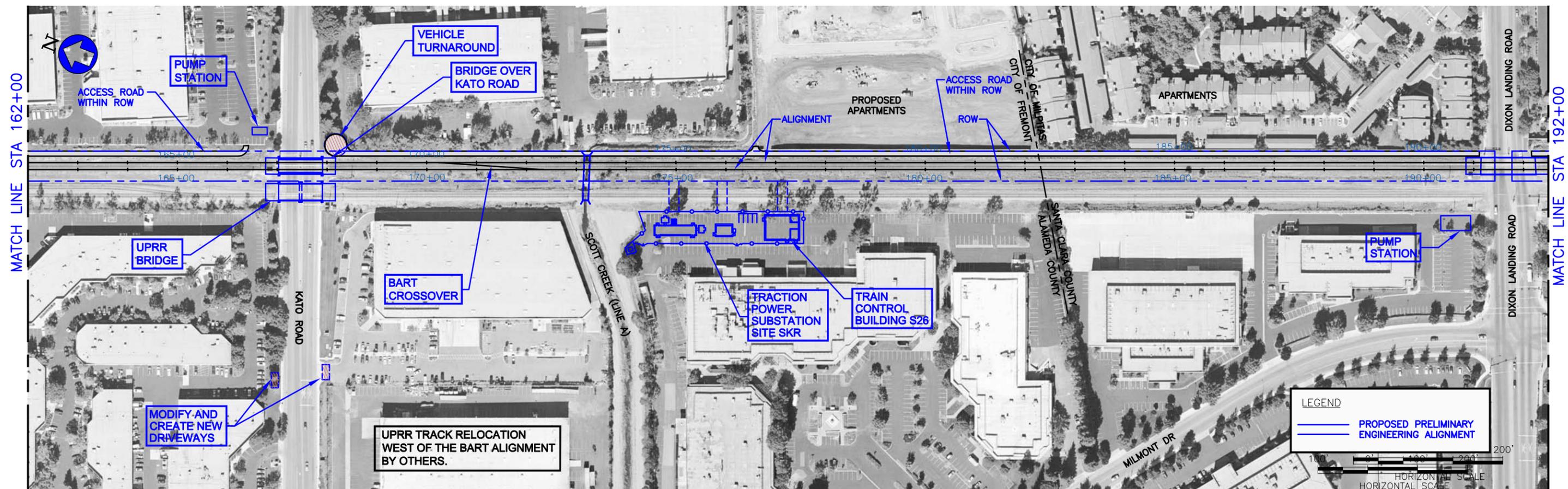


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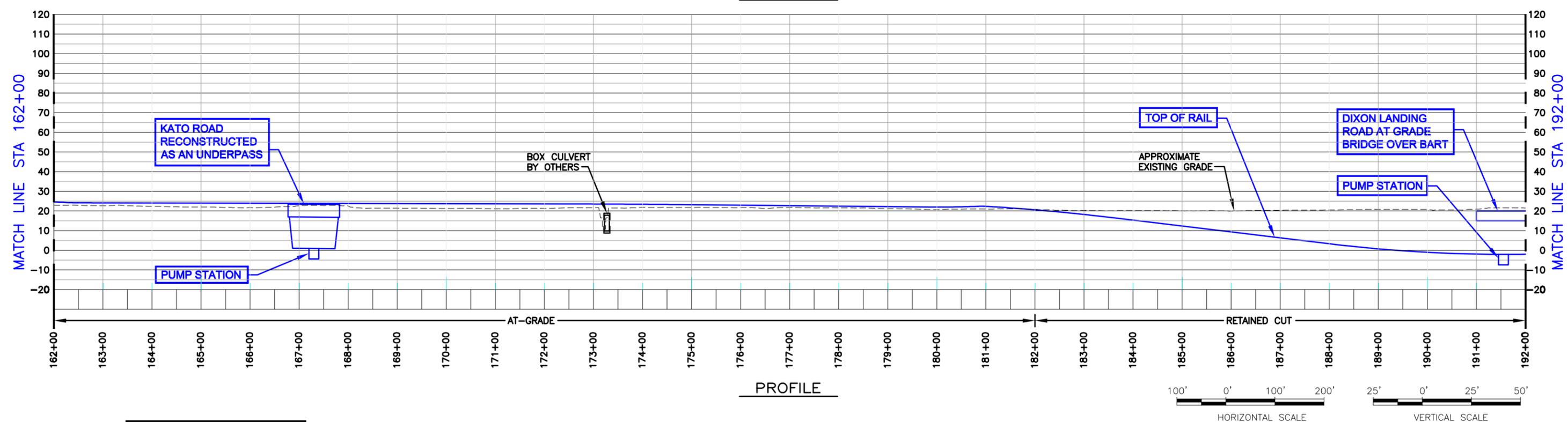
BEP ALTERNATIVE AND SVRTP ALTERNATIVE KATO ROAD LOWERED ROADWAY
 REVISION DATE: 10/22/08
 PLAN AND PROFILE

Figure B-7

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PLAN



PROFILE

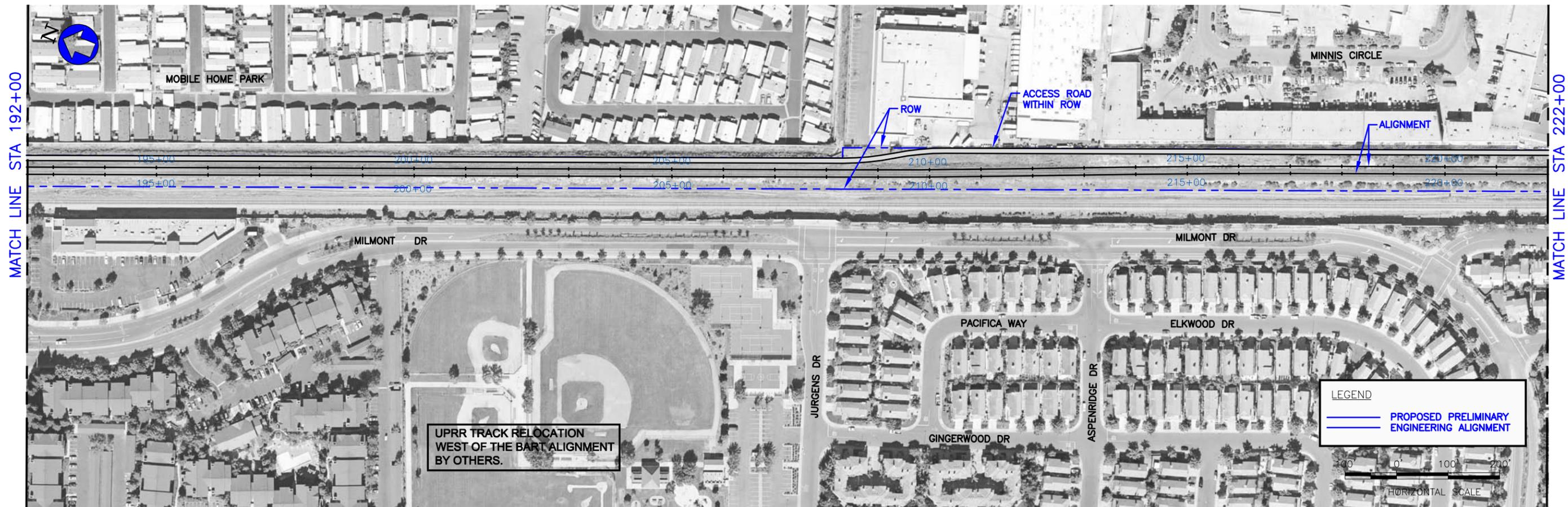
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Figure B-8

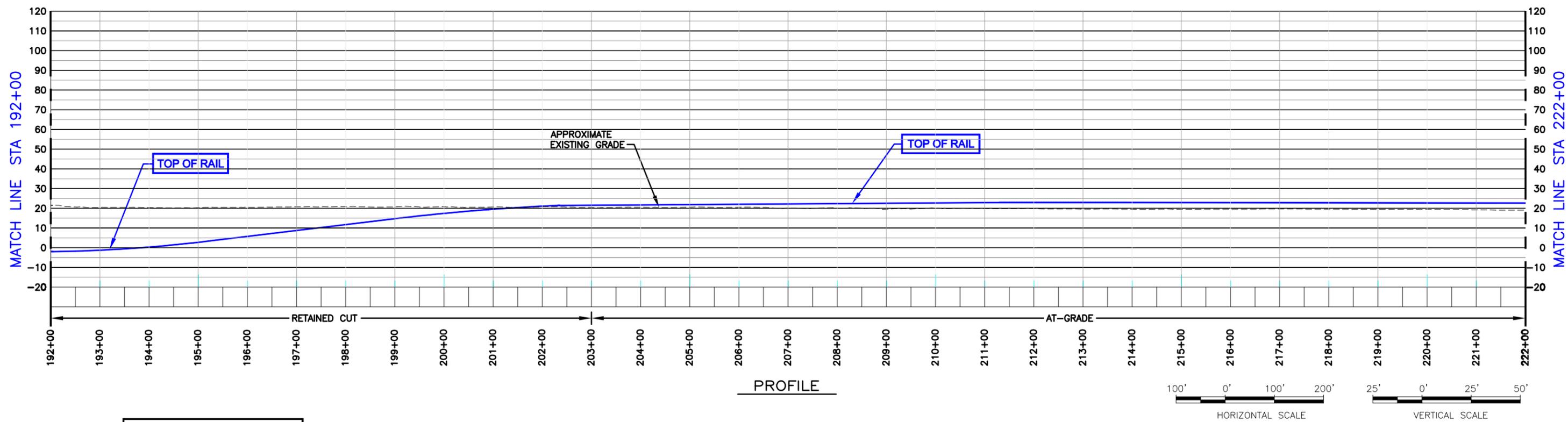
BEP ALTERNATIVE AND SVRTP ALTERNATIVE
 DIXON LANDING ROAD
 RETAINED CUT OPTION: SHEET 1 OF 2
 REVISION DATE: 10/22/08
 PLAN AND PROFILE

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SCHROEDER_A Oct 21, 2008 - 2:57pm W:\SCDD\Phase 2 Design\SEB Figures\BEP Alternative Plans and Profiles-Oct-22-08 - Dixon Retain Cut\Fig_B-9.dwg



PLAN

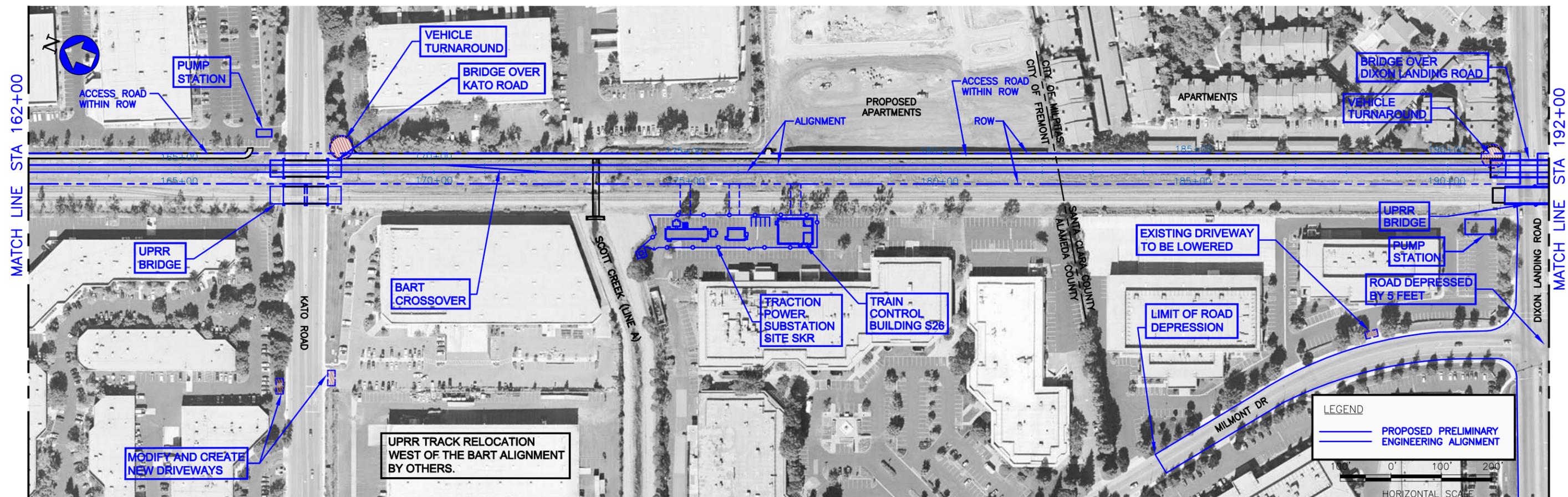


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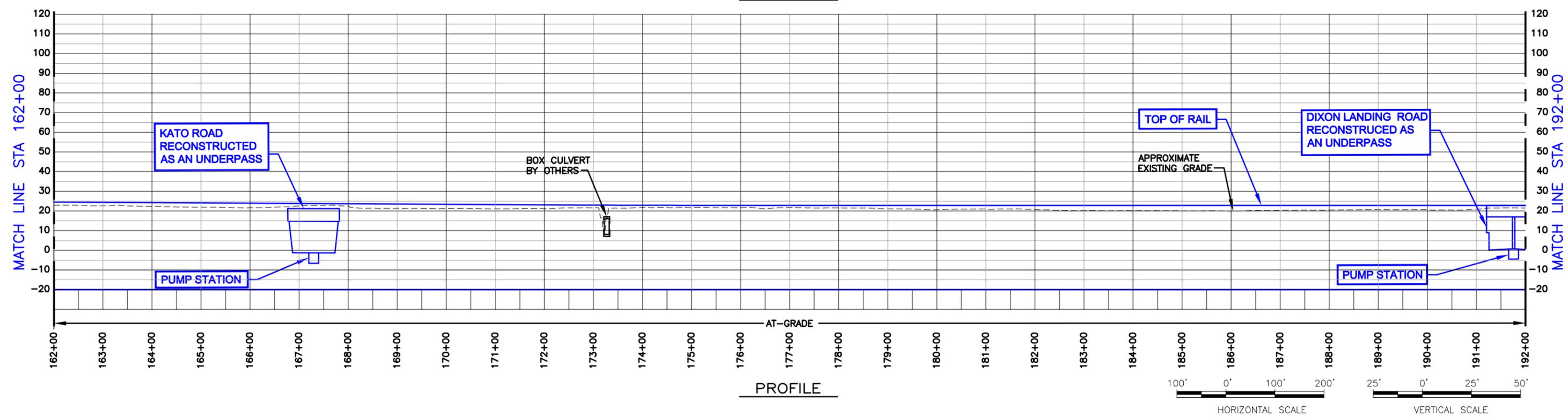
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Figure B-9

BEP ALTERNATIVE AND SVRTP ALTERNATIVE DIXON LANDING ROAD RETAINED CUT OPTION: SHEET 2 OF 2 REVISION DATE: 10/22/08 PLAN AND PROFILE



PLAN



PROFILE

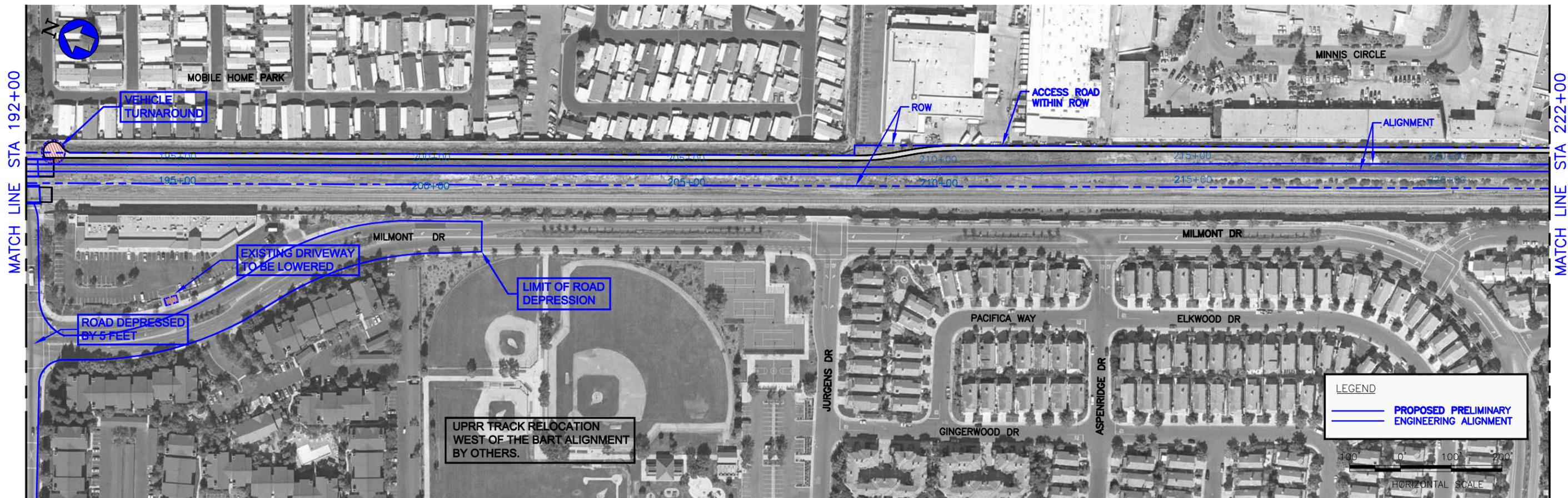
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BEP ALTERNATIVE AND SVRTP ALTERNATIVE
 DIXON LANDING ROAD
 AT-GRADE OPTION : SHEET 1 OF 3
 REVISION DATE: 10/22/08
 PLAN AND PROFILE

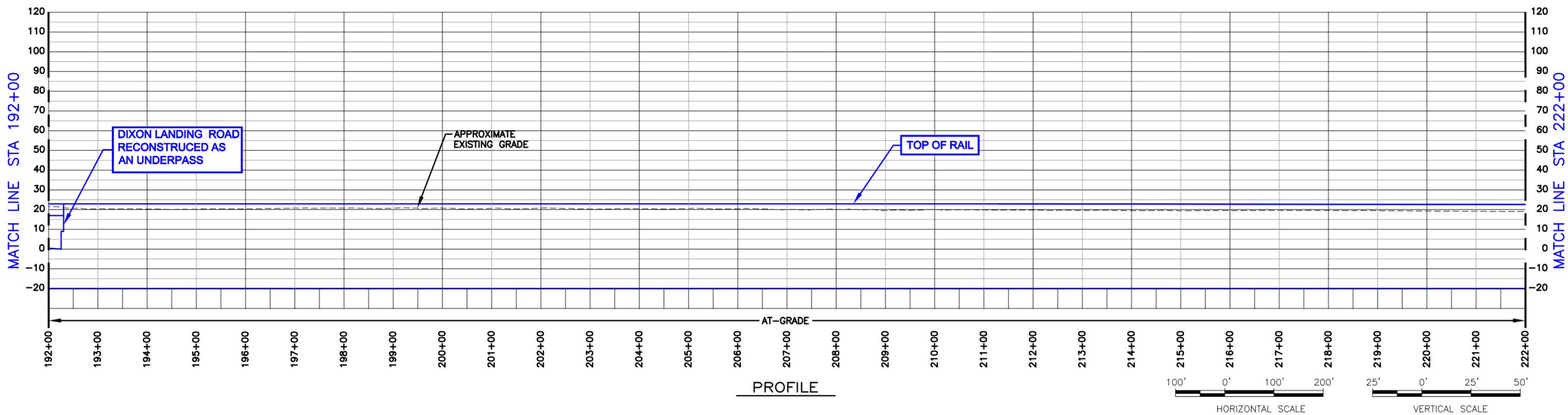
Figure B-10

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PLAN

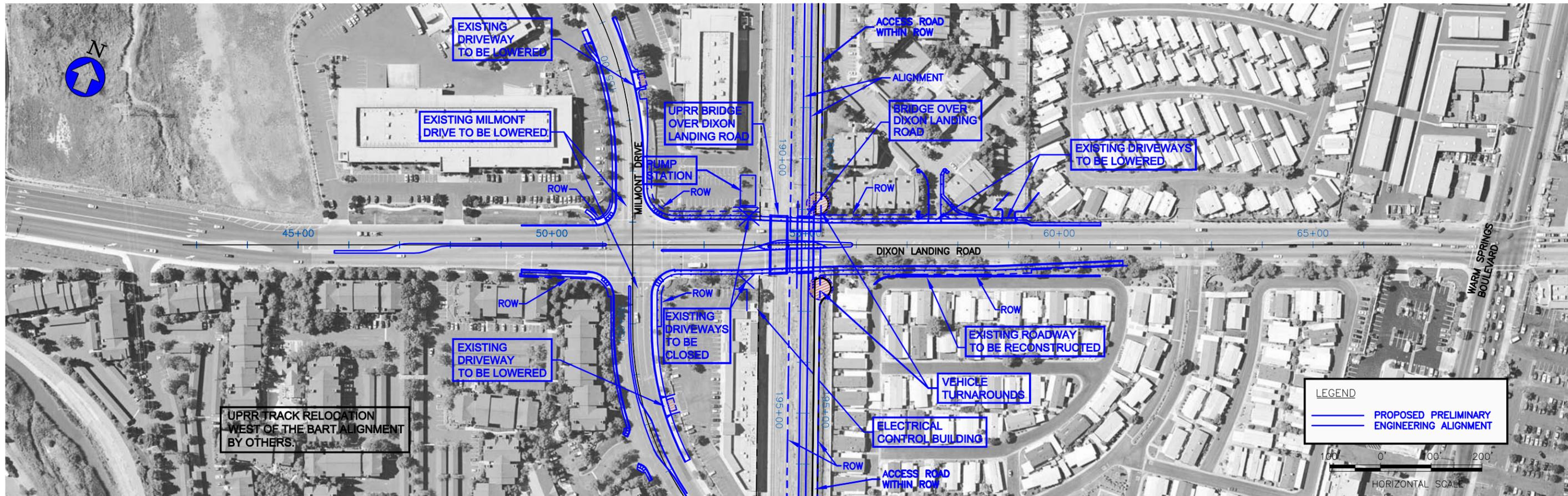


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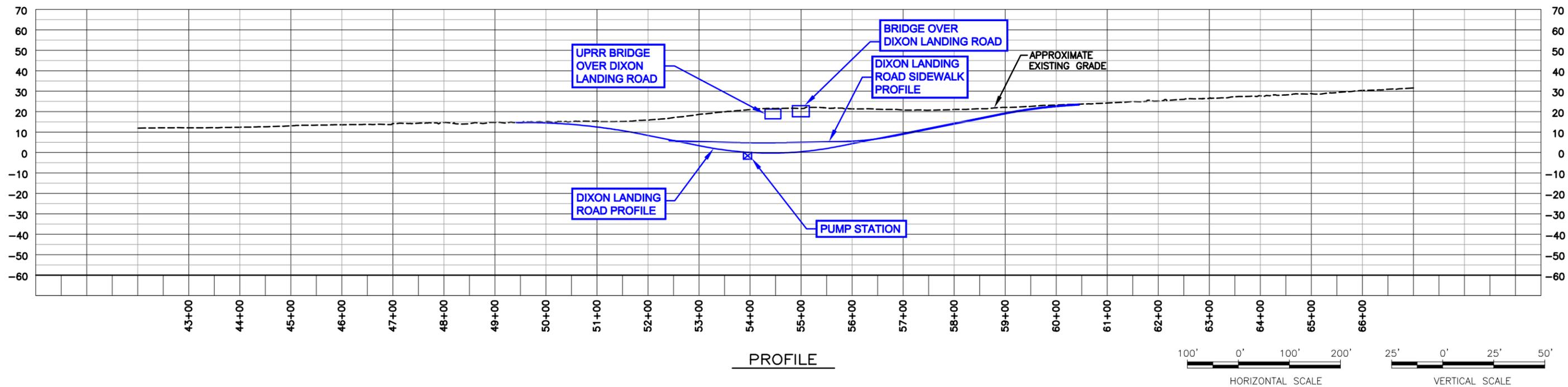
DRAWING IS SCHEMATIC AND FOR ALIGNMENT COMPARISON PURPOSES ONLY.

BEP ALTERNATIVE AND SVRTP ALTERNATIVE
DIXON LANDING ROAD
AT-GRADE OPTION : SHEET 2 OF 3
REVISION DATE: 10/22/08
PLAN AND PROFILE

Figure B-11



PLAN

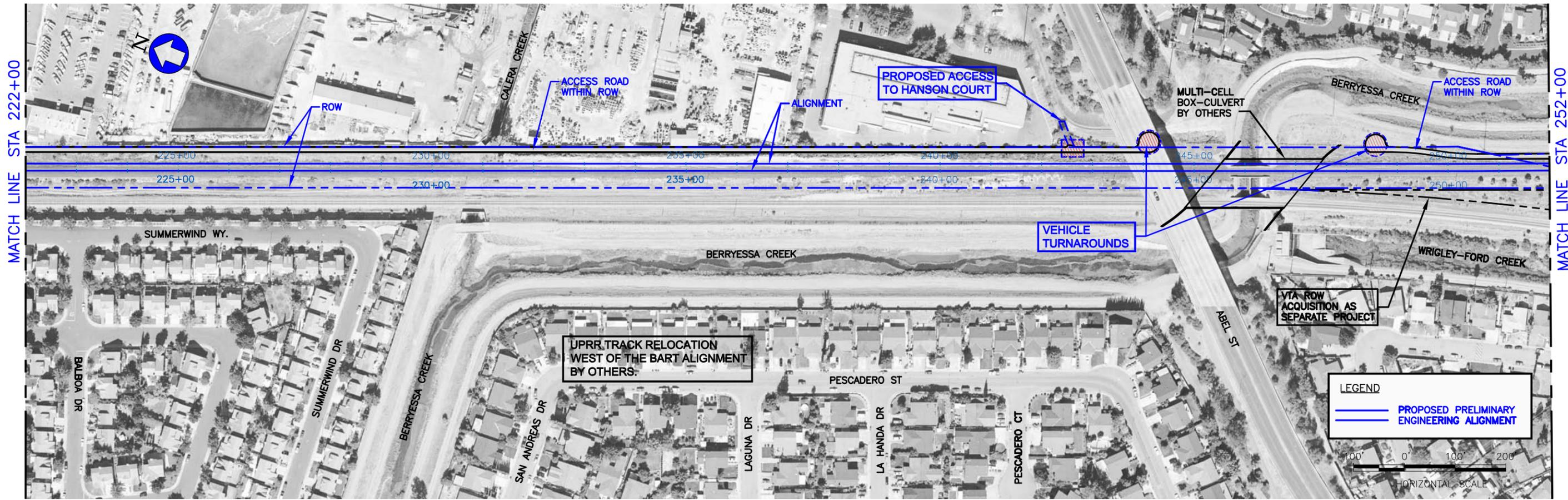


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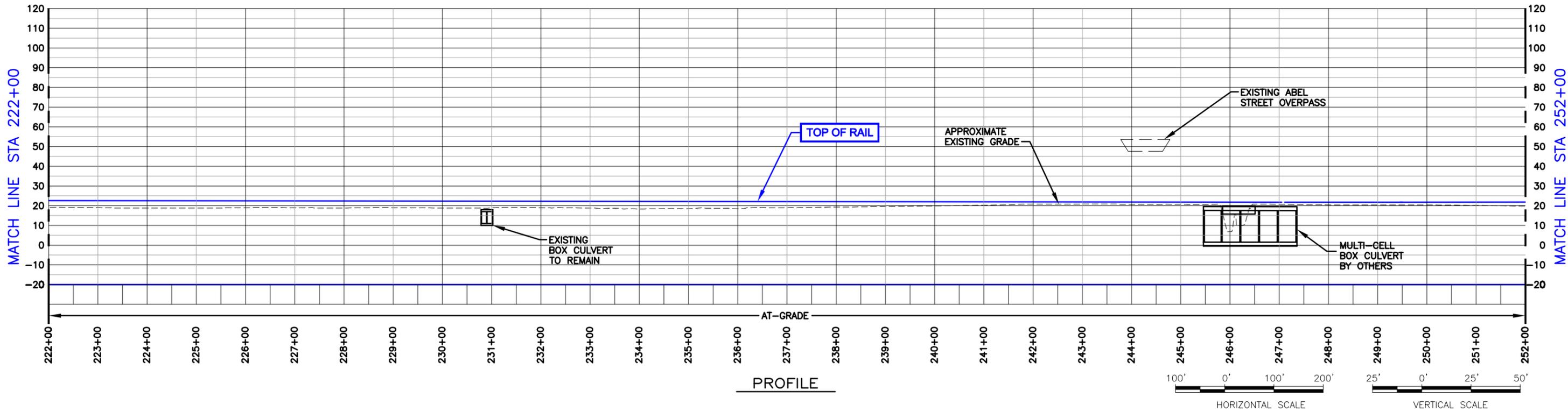
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Figure B-12

BEP ALTERNATIVE AND SVRTP ALTERNATIVE
 DIXON LANDING ROAD LOWERED ROADWAY
 AT-GRADE OPTION : SHEET 3 OF 3
 REVISION DATE: 10/22/08
 PLAN AND PROFILE



PLAN



PROFILE

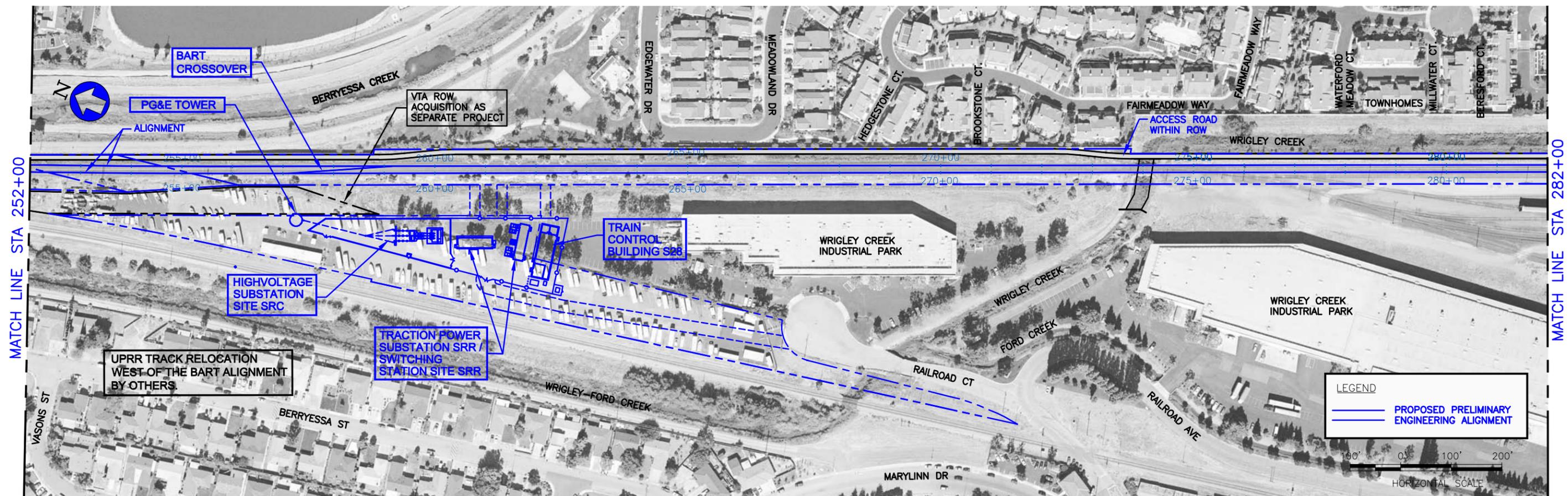
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BEP ALTERNATIVE AND SVRTP ALTERNATIVE
 REVISION DATE: 10/22/08
 PLAN AND PROFILE

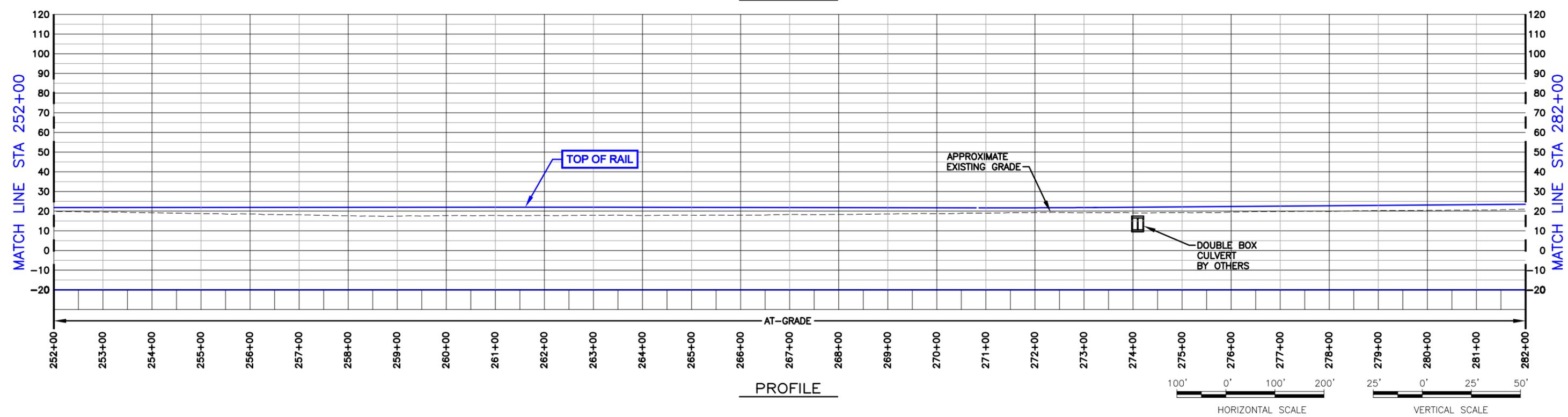
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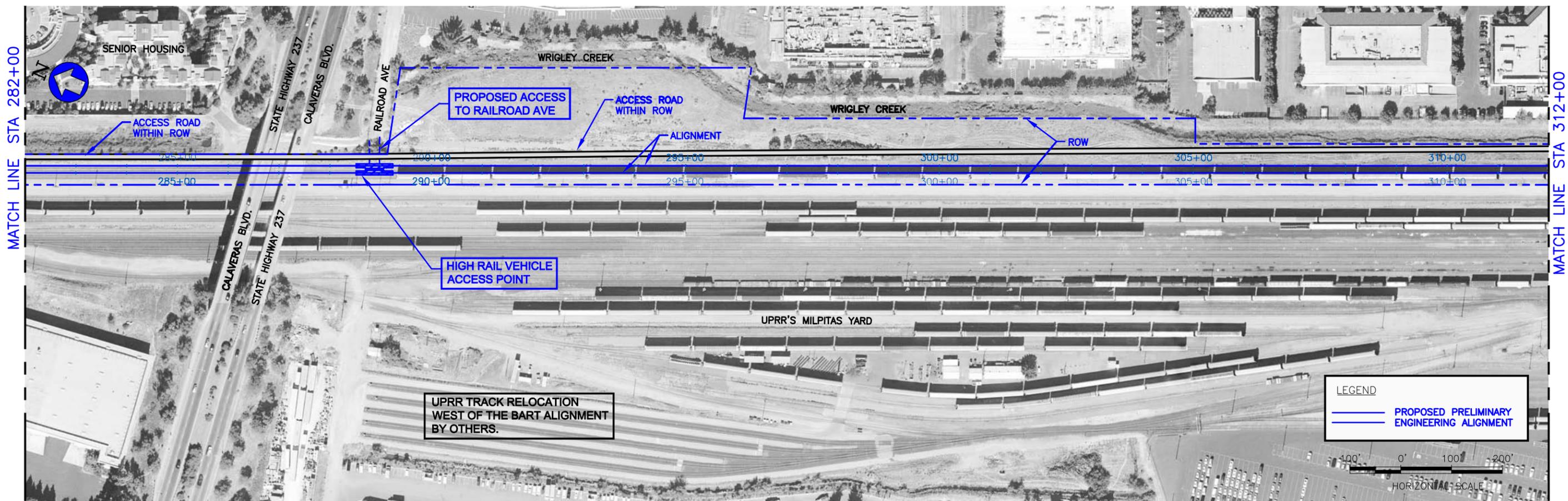


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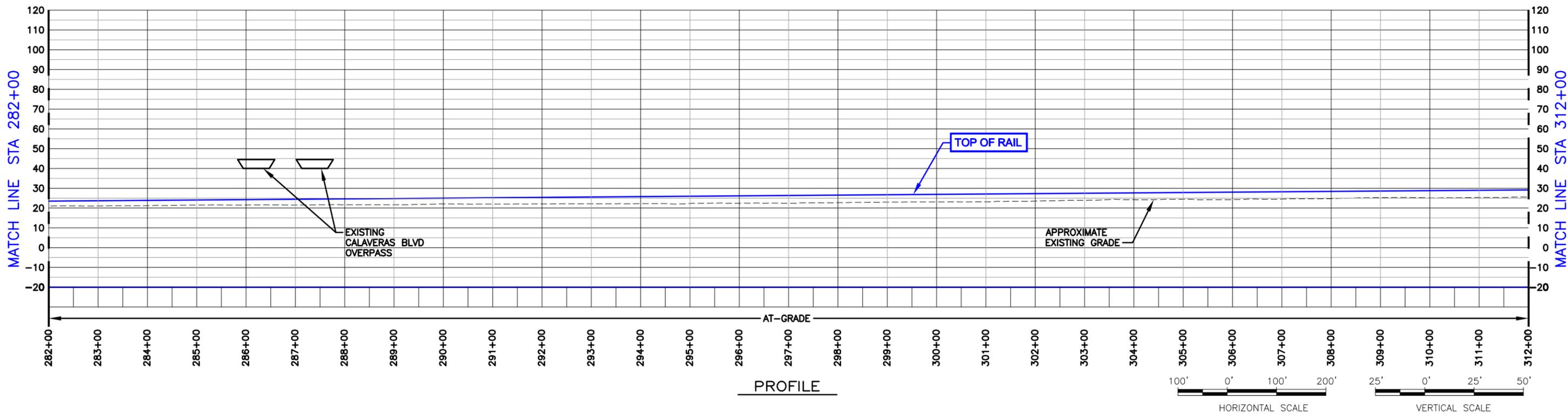
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BEP ALTERNATIVE AND SVRTP ALTERNATIVE
REVISION DATE: 10/22/08
PLAN AND PROFILE

Figure B-14



PLAN



PROFILE

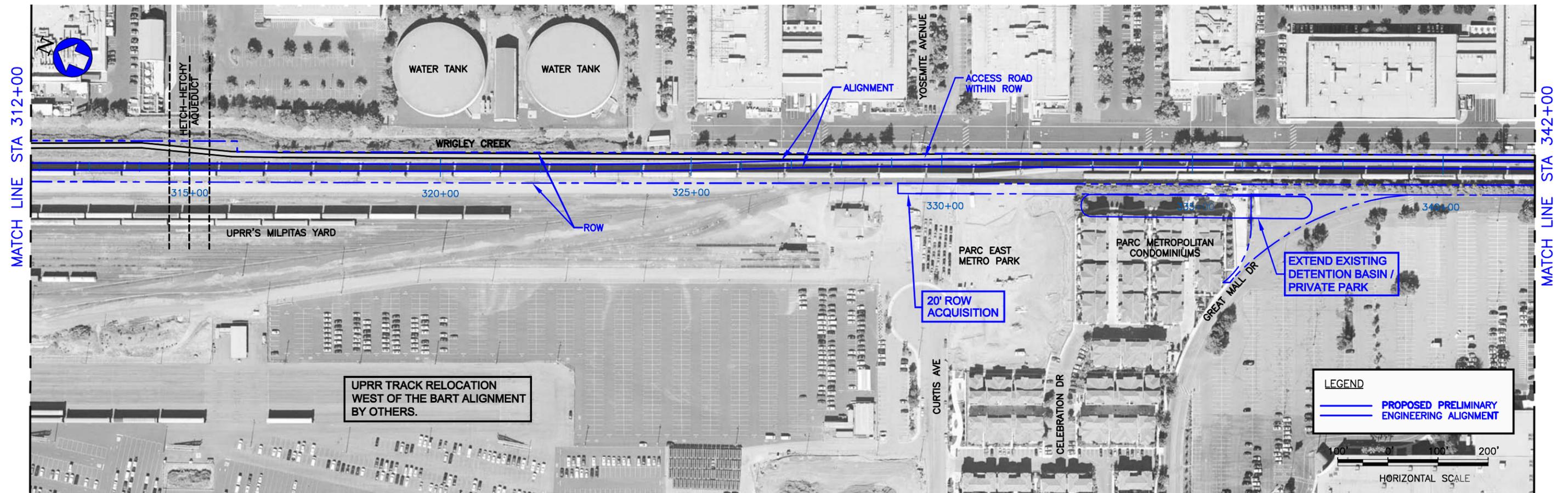
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BEP ALTERNATIVE AND SVRTP ALTERNATIVE

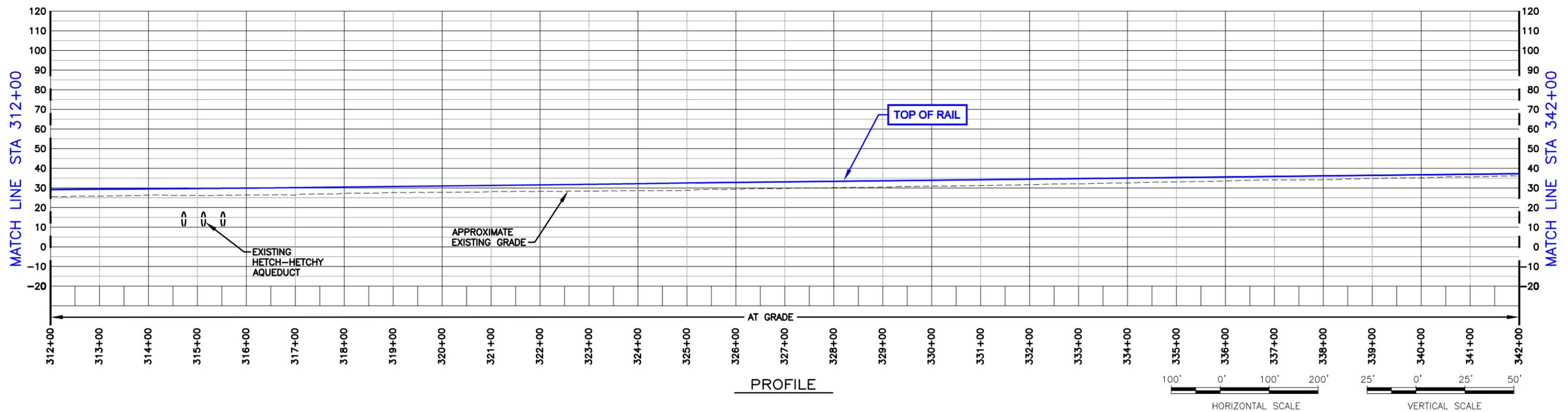
REVISION DATE: 10/22/08
PLAN AND PROFILE

Figure B-15

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PLAN



PROFILE

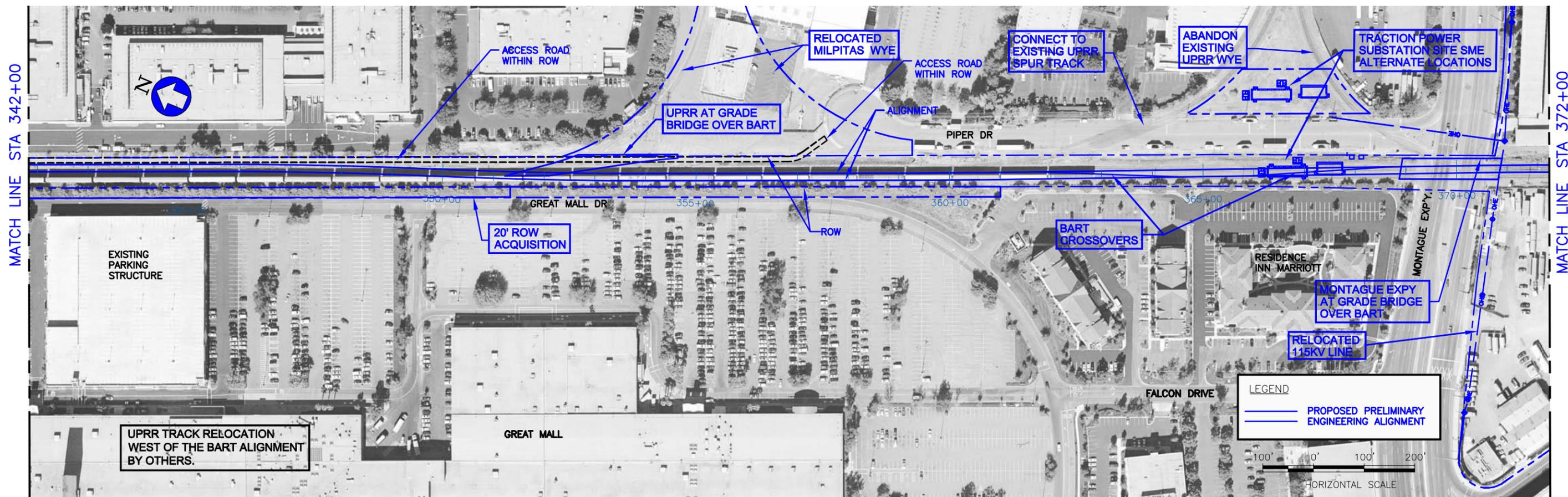
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BEP ALTERNATIVE AND SVRTP ALTERNATIVE

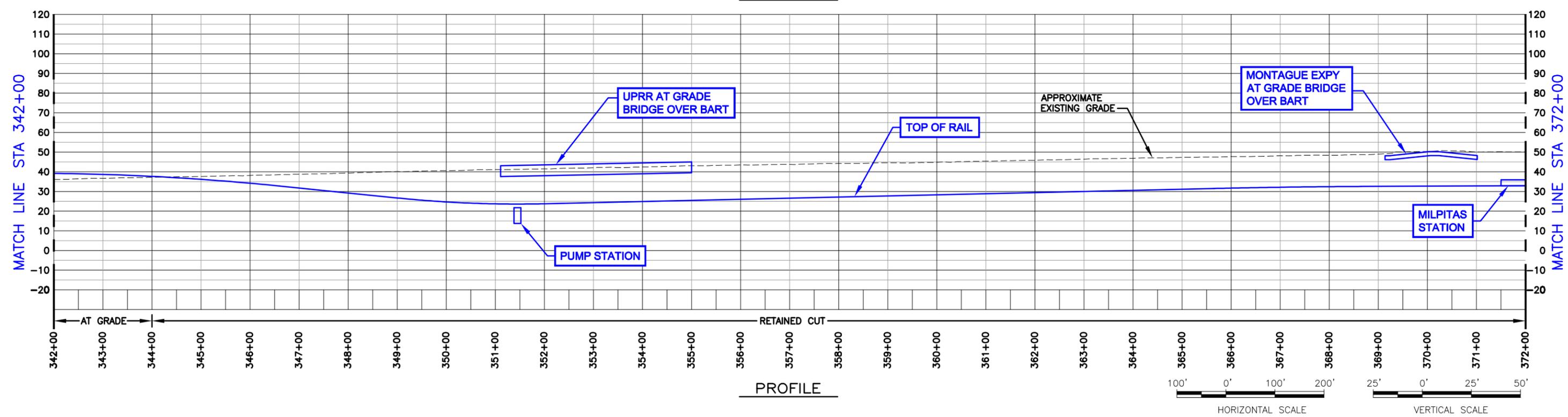
REVISION DATE: 10/22/08
PLAN AND PROFILE

Figure B-16

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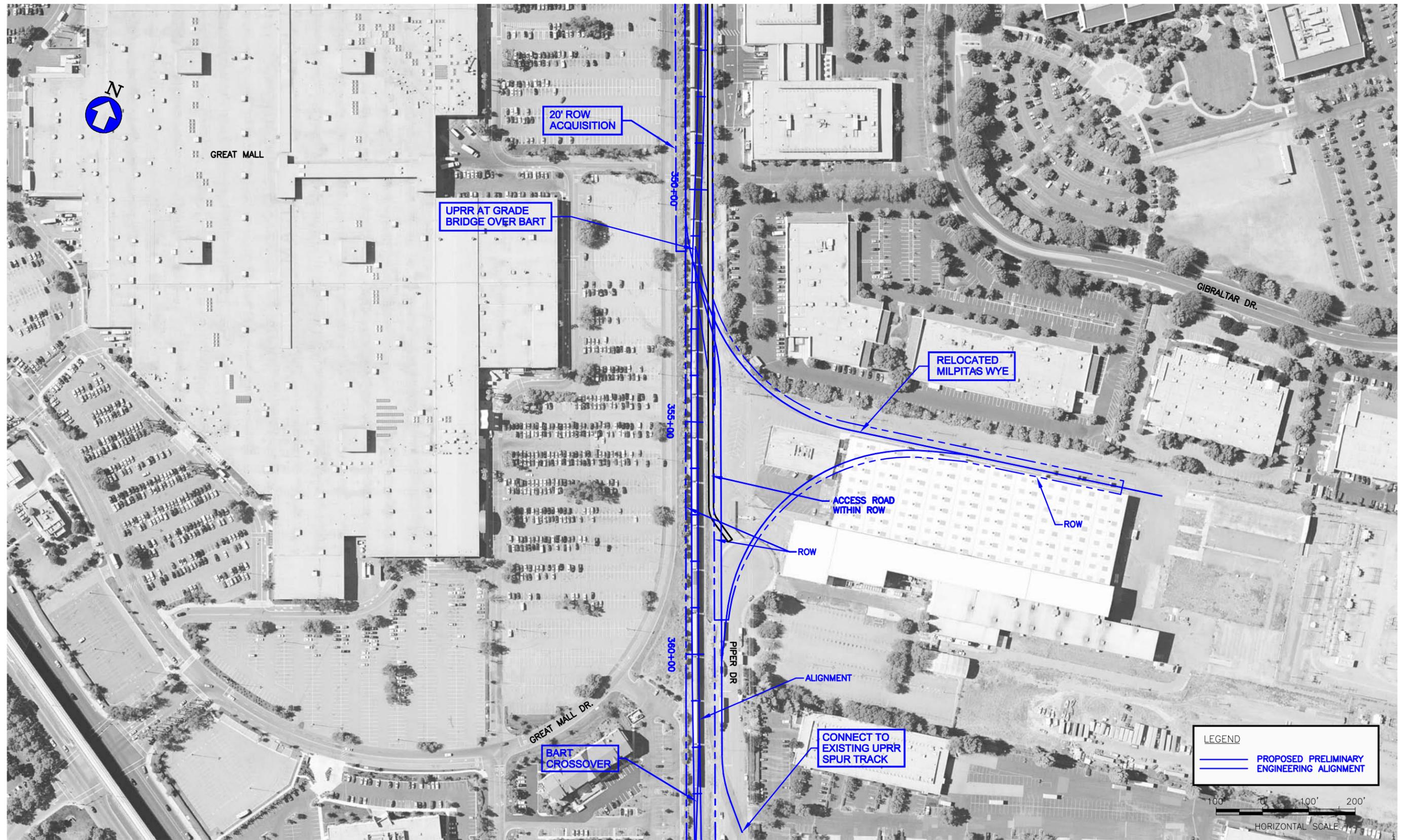


PROFILE

DRAWING IS SCHEMATIC AND FOR ALIGNMENT COMPARISON PURPOSES ONLY.

BEP ALTERNATIVE AND SVRTP ALTERNATIVE RETAINED CUT LONG OPTION SHEET 1 OF 4 REVISION DATE: 10/22/08 PLAN AND PROFILE

Figure B-17



DRAWING IS SCHEMATIC AND FOR ALIGNMENT COMPARISON PURPOSES ONLY.

Figure B-18

LEGEND

— PROPOSED PRELIMINARY ENGINEERING ALIGNMENT

— ROW

100' 100' 200'

HORIZONTAL SCALE

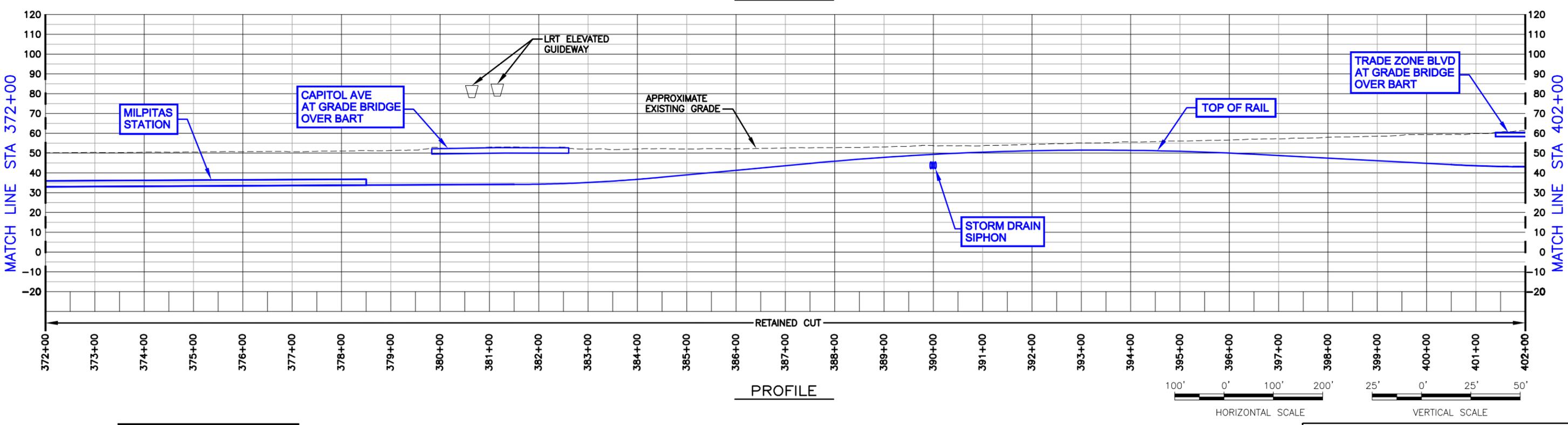
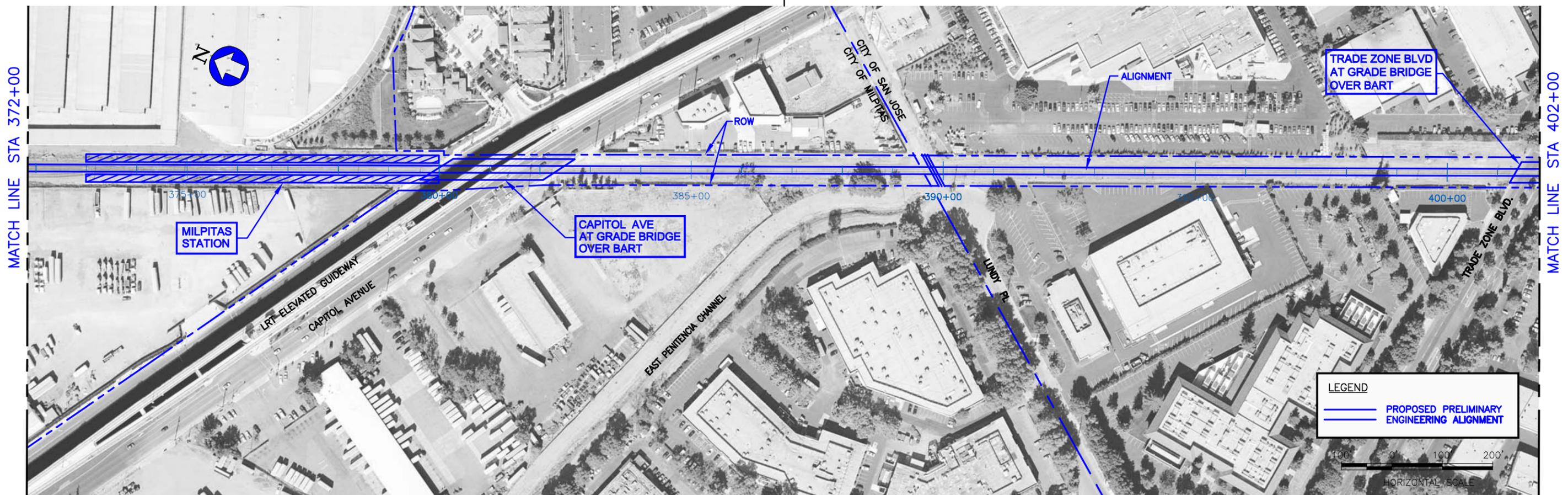
BEP ALTERNATIVE AND SVRTP ALTERNATIVE RETAINED CUT LONG OPTION

SHEET 2 OF 4

REVISION DATE: 10/22/08

PLAN AND PROFILE

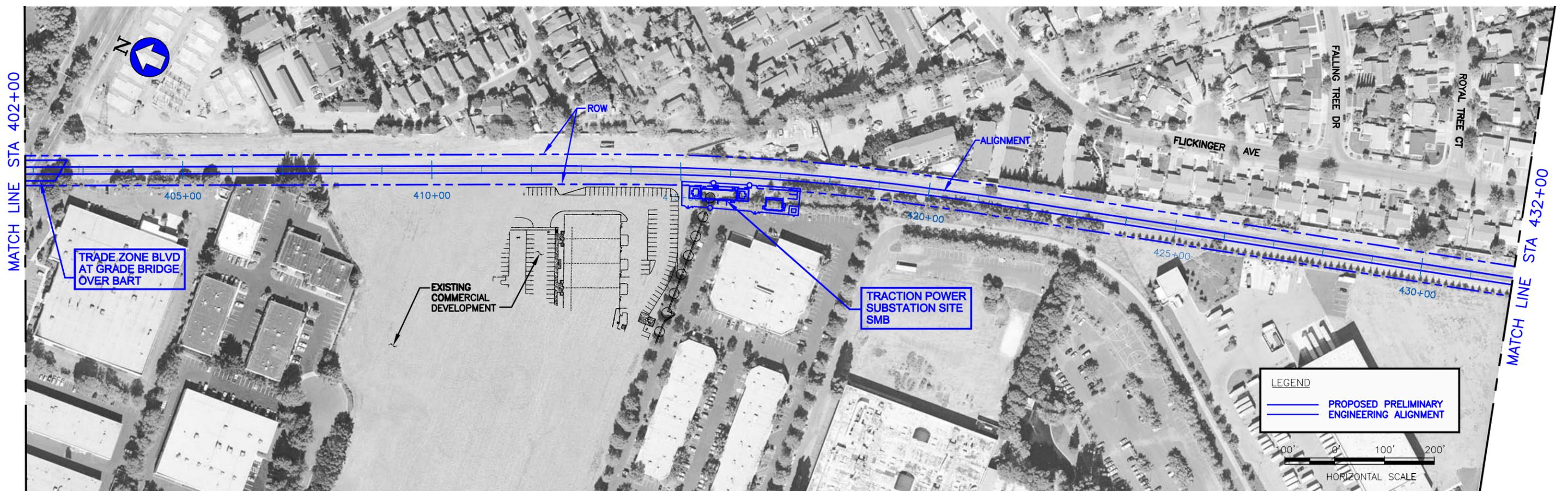
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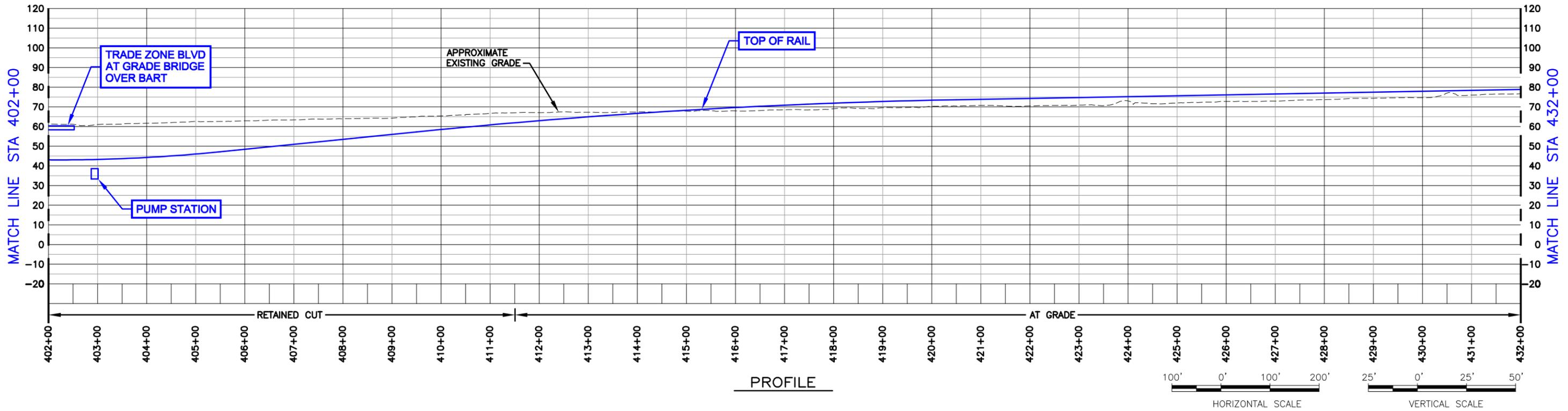
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BEP ALTERNATIVE AND SVRTP ALTERNATIVE RETAINED CUT LONG OPTION SHEET 3 OF 4 REVISION DATE: 10/22/08 PLAN AND PROFILE

Figure B-19



PLAN



PROFILE

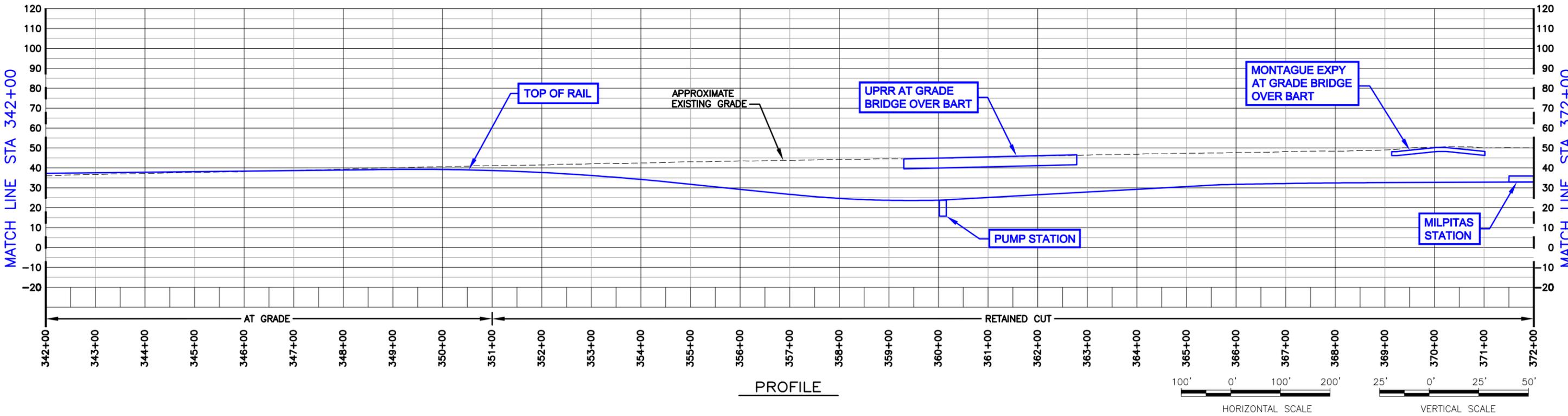
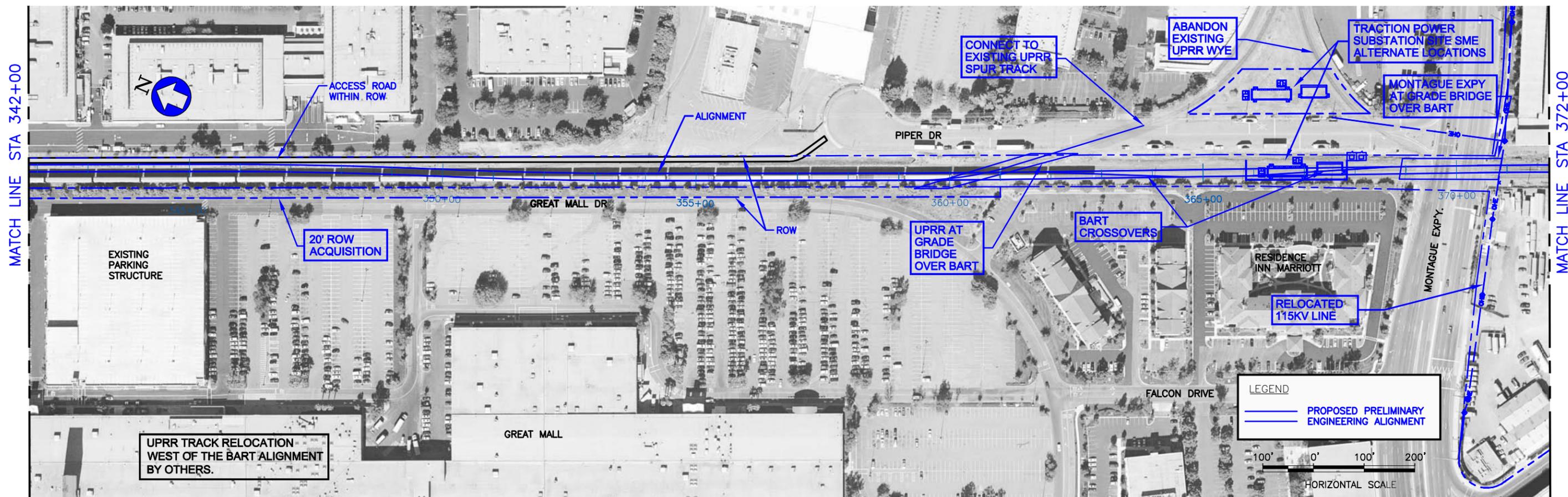
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BEP ALTERNATIVE AND SVRTP ALTERNATIVE
 RETAINED CUT LONG OPTION
 SHEET 4 OF 4
 REVISION DATE: 10/22/08
 PLAN AND PROFILE

Figure B-20

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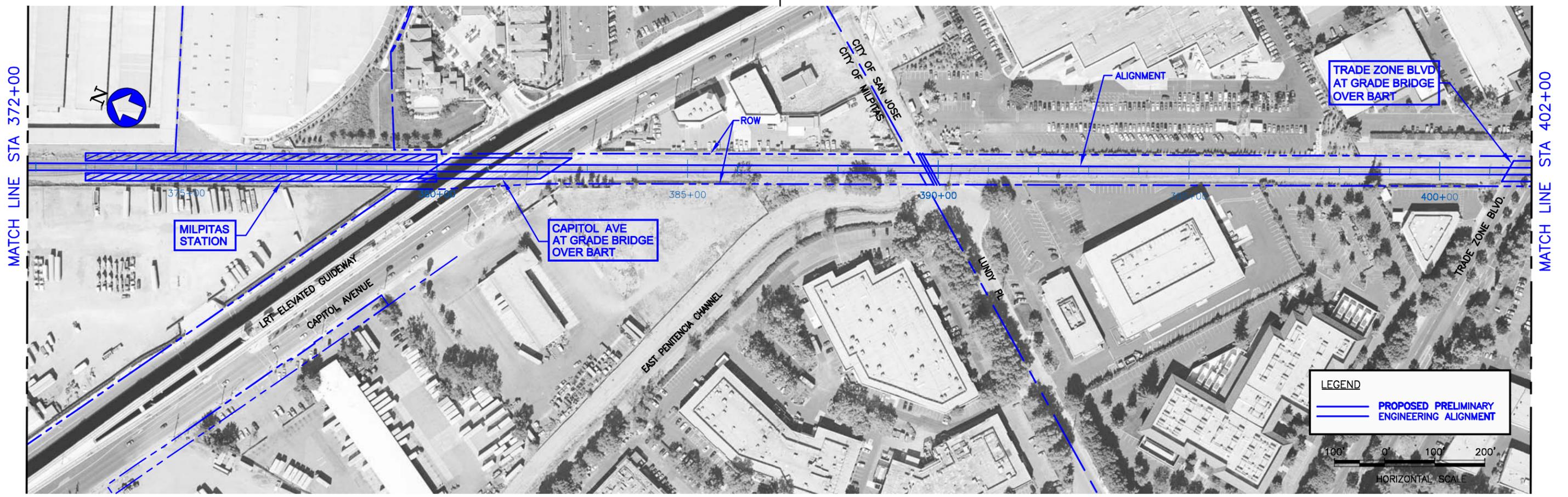


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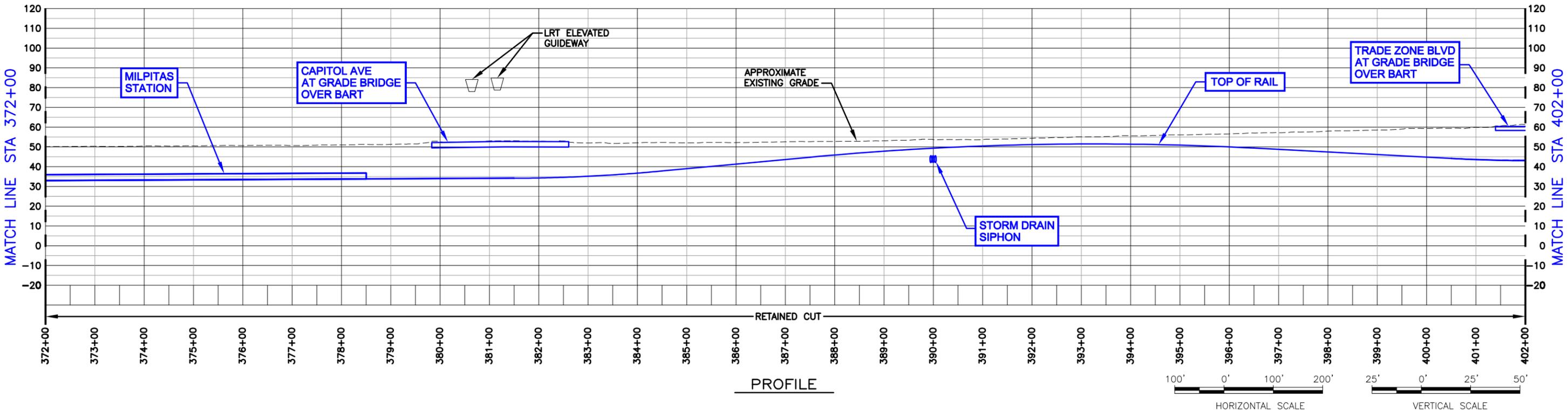
Figure B-21

BEP ALTERNATIVE AND SVRTP ALTERNATIVE RETAINED CUT INTERMEDIATE OPTION SHEET 1 OF 3 REVISION DATE: 10/22/08 PLAN AND PROFILE

SCHROEDER_A Oct 15, 2008 - 2:46pm W:\SCDD\Phase 2 Design\SEIR Figures\BEP Alternative Plans and Profiles-Oct-22-08 -Dion Retin C:\A\Fig_B-22.dwg



PLAN

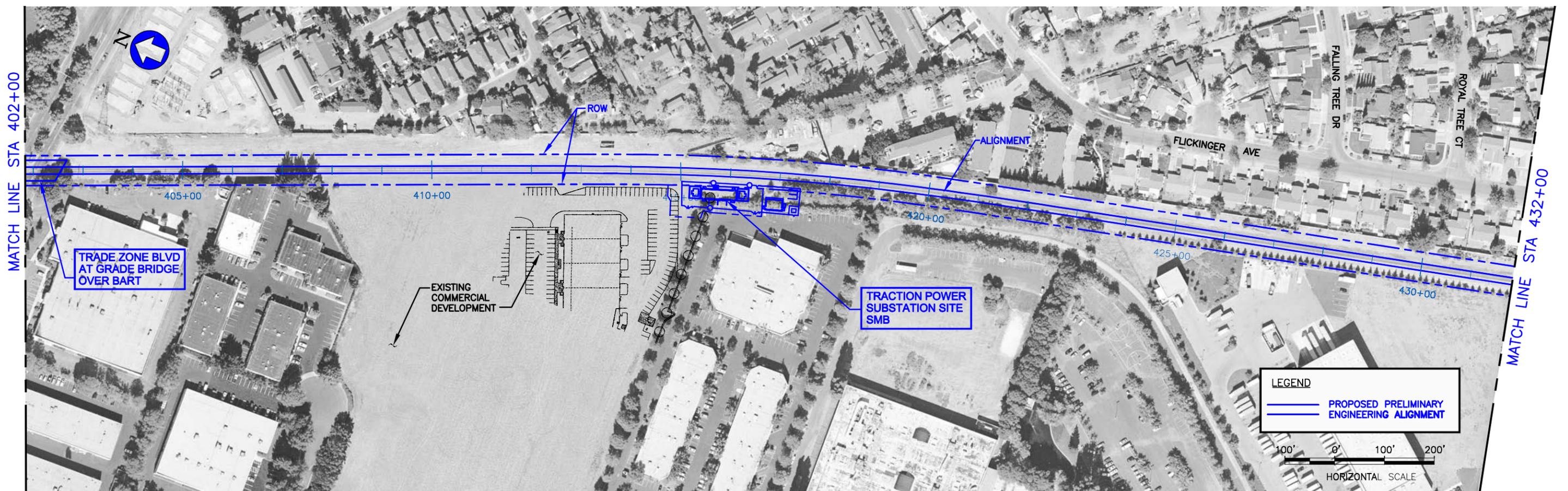


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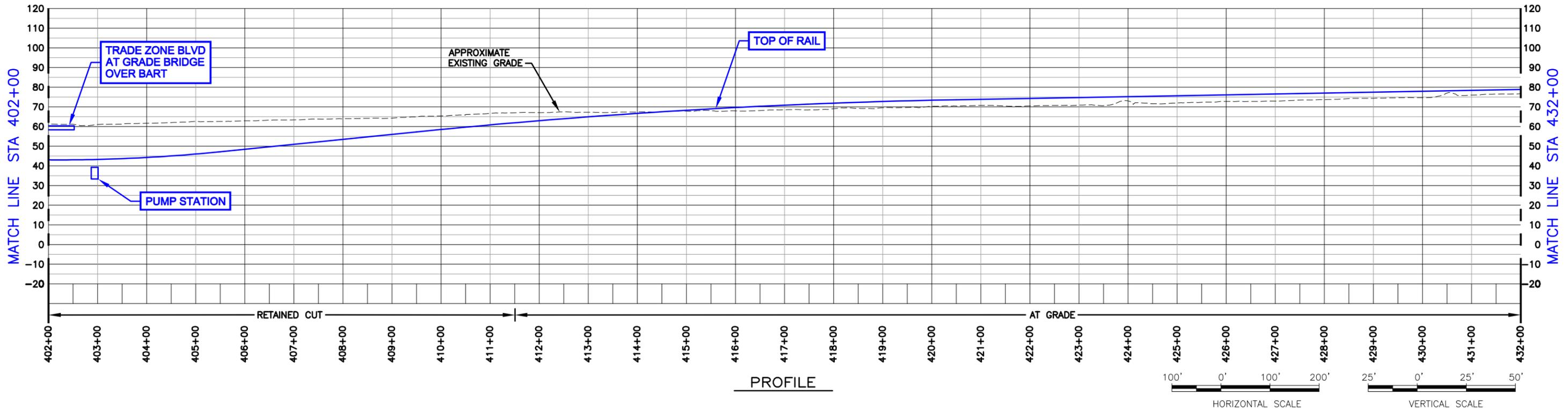
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BEP ALTERNATIVE AND SVRTP ALTERNATIVE RETAINED CUT INTERMEDIATE OPTION SHEET 2 OF 3 REVISION DATE: 10/22/08 PLAN AND PROFILE

Figure B-22



PLAN



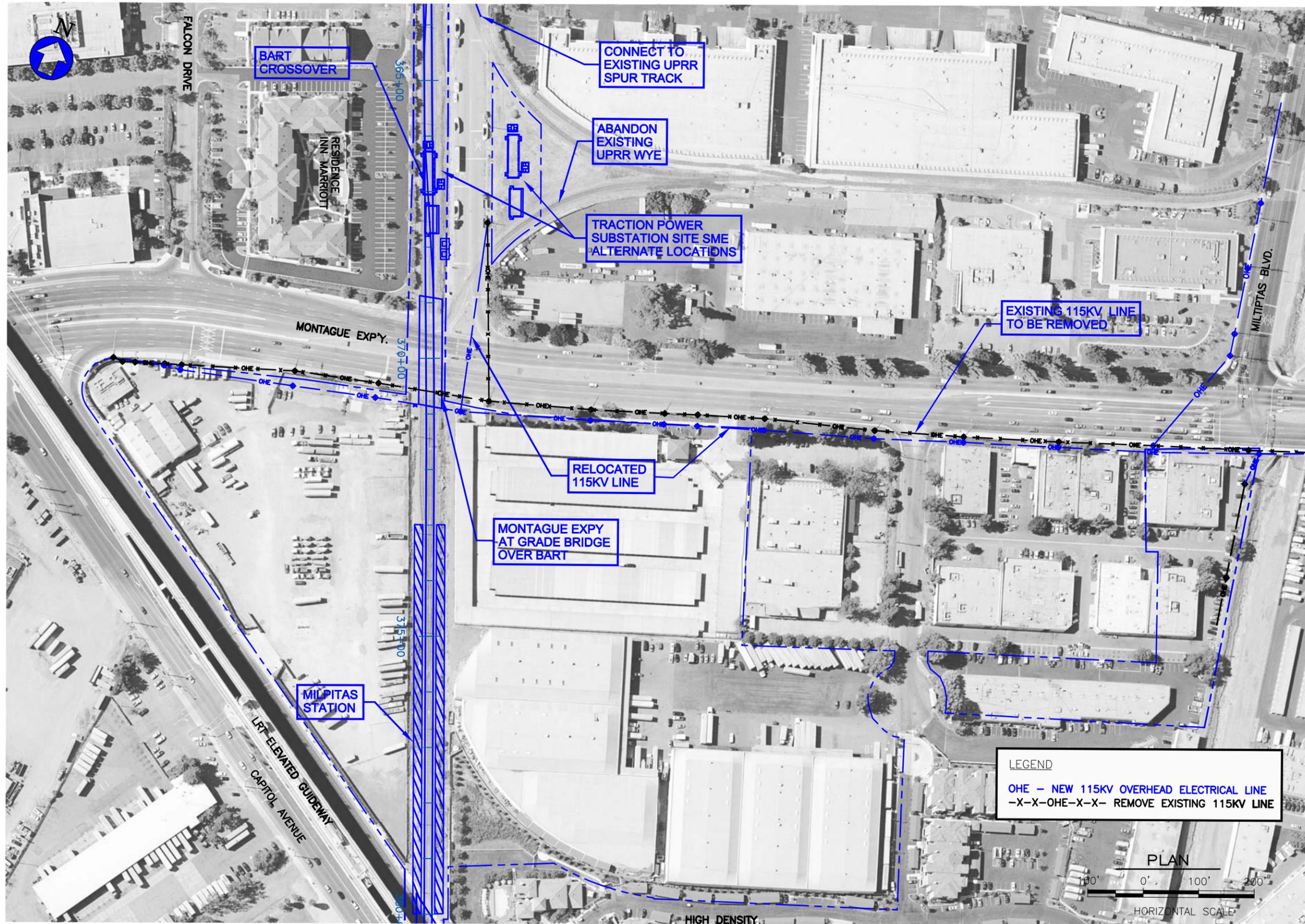
PROFILE

DRAWING IS SCHEMATIC AND FOR ALIGNMENT COMPARISON PURPOSES ONLY.

BEP ALTERNATIVE AND SVRTP ALTERNATIVE
 RETAINED CUT INTERMEDIATE OPTION
 SHEET 3 OF 3
 REVISION DATE: 10/22/08
 PLAN AND PROFILE

Figure B-23

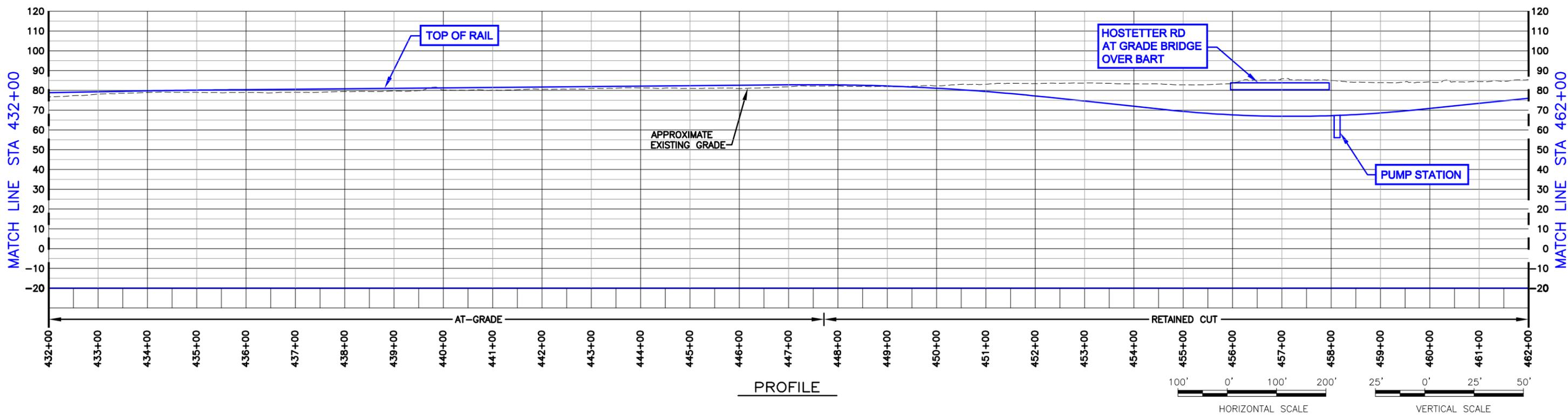
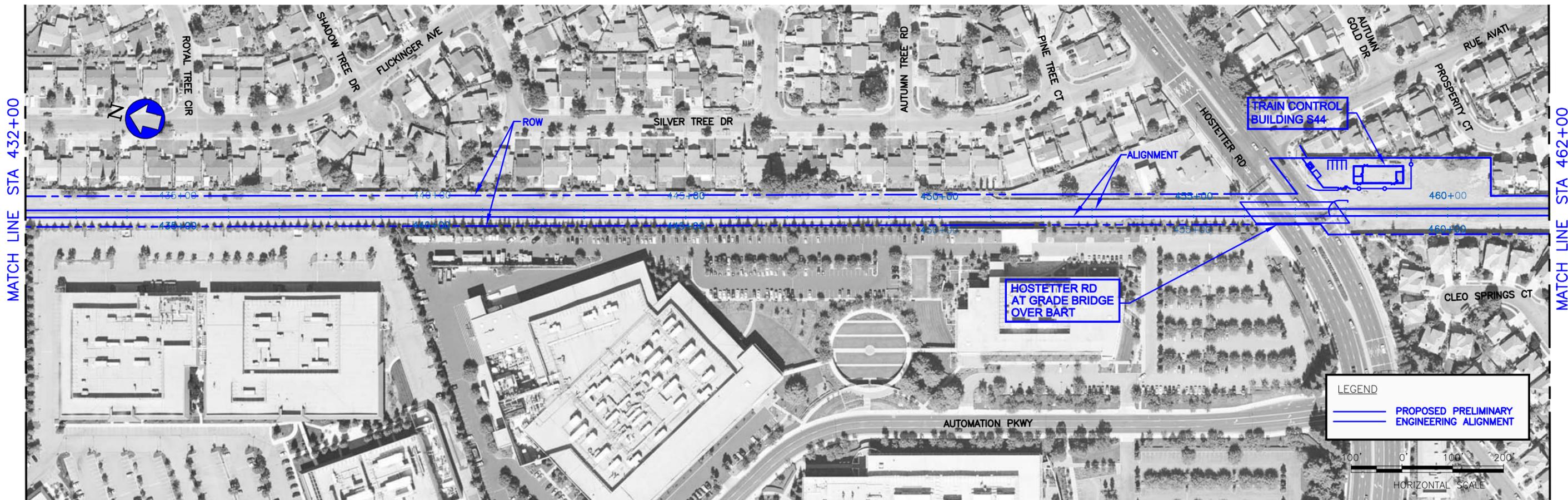
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Figure B-24

BEP ALTERNATIVE AND SVRTP ALTERNATIVE
 115KV OVERHEAD LINE RELOCATION
 REVISION DATE: 10/22/08
 PLAN



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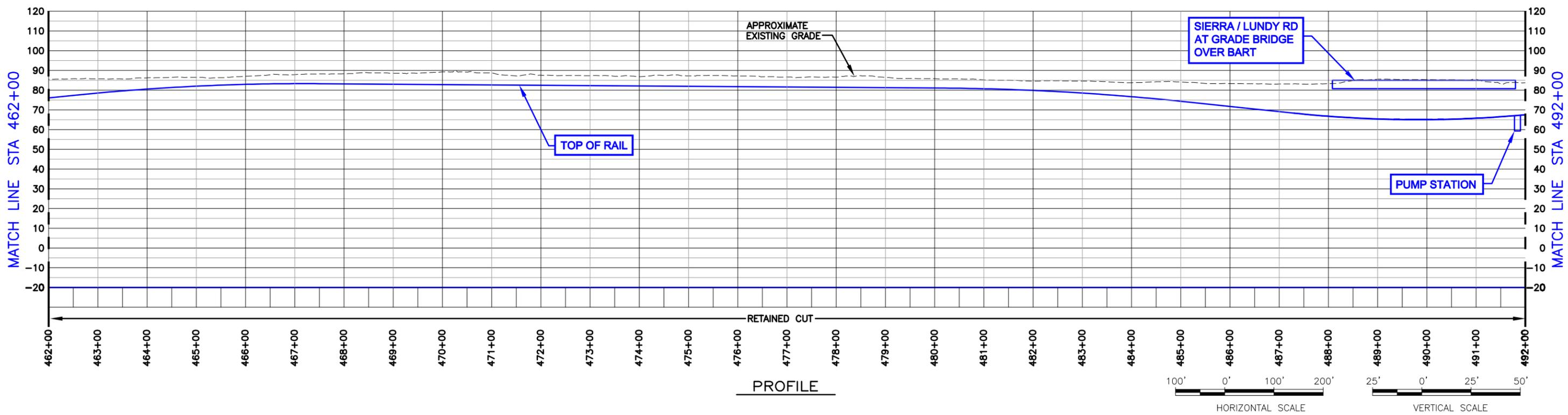
BEP ALTERNATIVE AND SVRTP ALTERNATIVE

REVISION DATE: 10/22/08

PLAN AND PROFILE

Figure B-25

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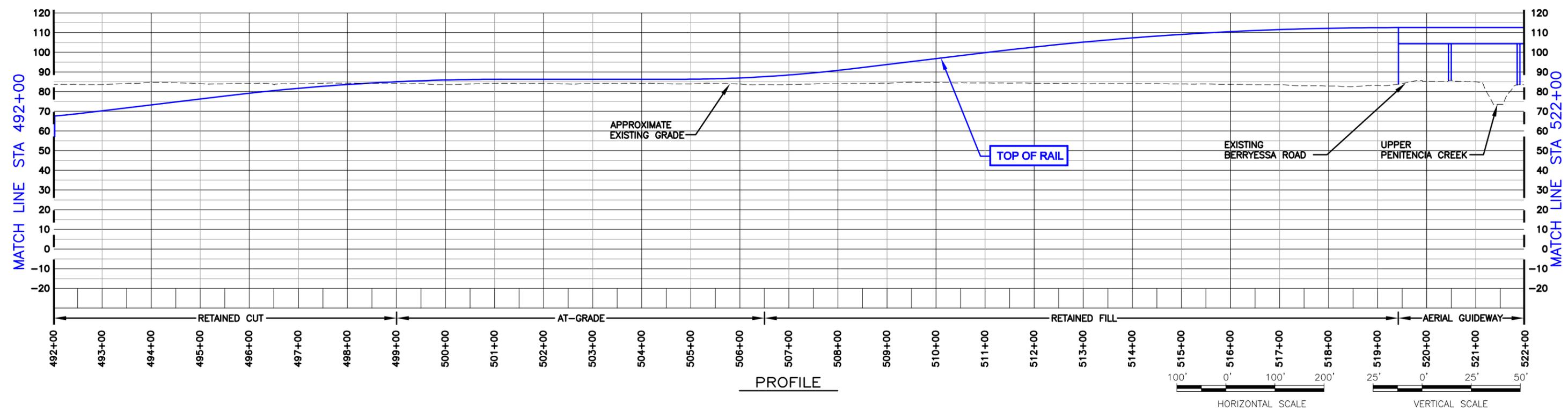
BEP ALTERNATIVE AND SVRTP ALTERNATIVE
 REVISION DATE: 10/22/08
 PLAN AND PROFILE

Figure B-26

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PLAN



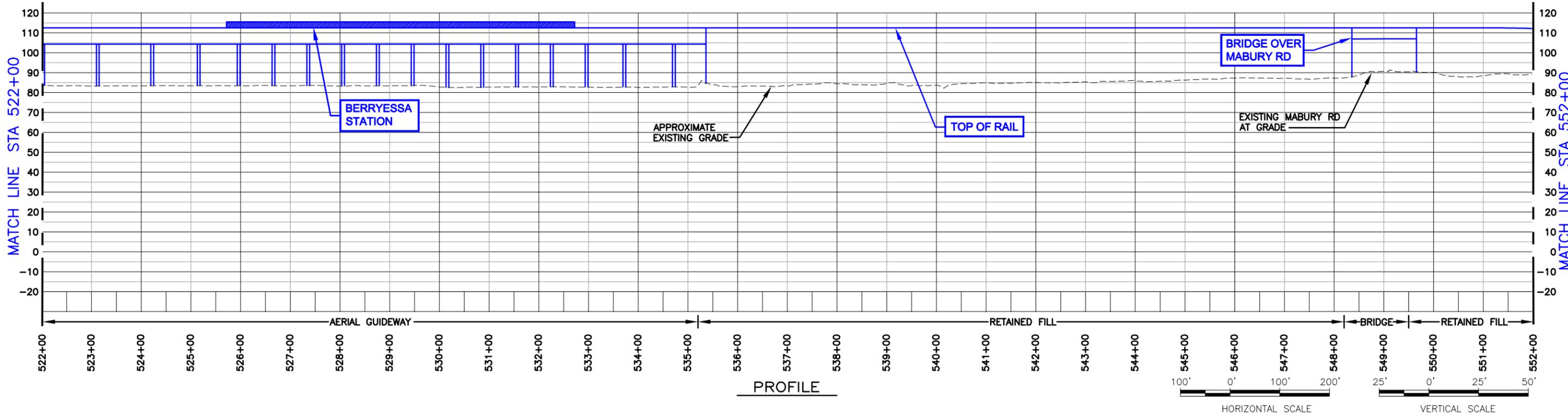
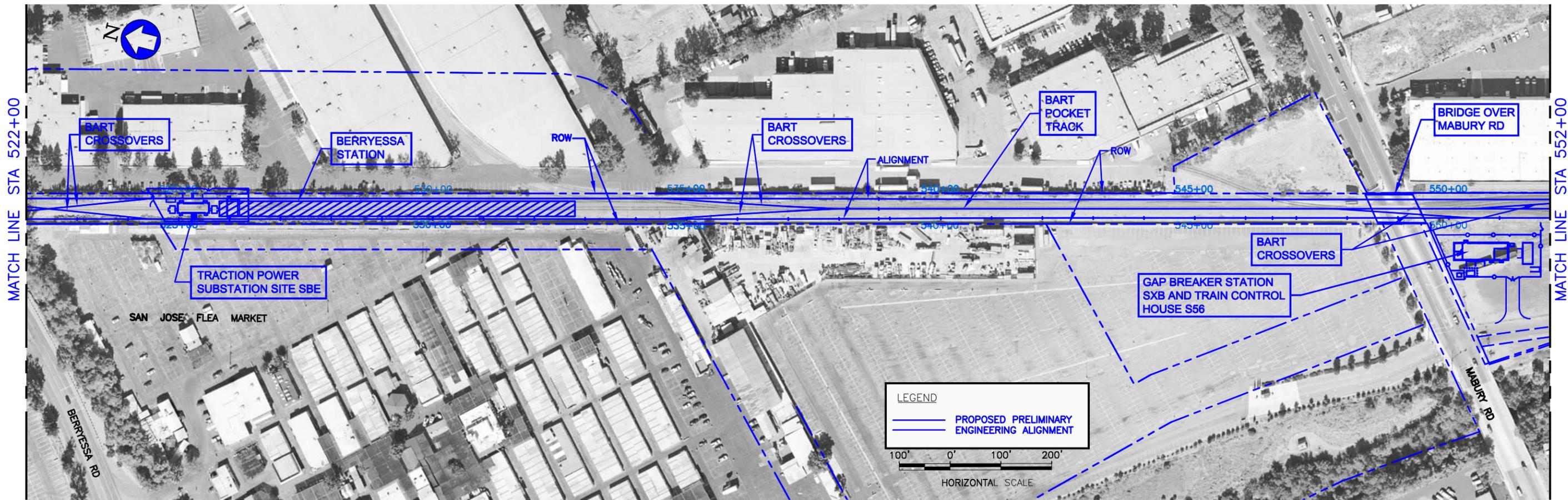
PROFILE

DRAWING IS SCHEMATIC AND FOR ALIGNMENT COMPARISON PURPOSES ONLY.

Figure B-27

BEP ALTERNATIVE
 NO NEW YARD OPTION
 SHEET 1 OF 3
 REVISION DATE: 10/22/08
 PLAN AND PROFILE

SCHROEDER_A Oct 16, 2008 - 7:42am W:\SCADD\Phase 2 Design\SEB Figures\BEP Alternative Plans and Profiles-Oct-22-08 -Dixon Retin C:\A\Fig_B-27.dwg



DRAWING IS SCHEMATIC AND FOR ALIGNMENT COMPARISON PURPOSES ONLY.

Figure B-28

BEP ALTERNATIVE

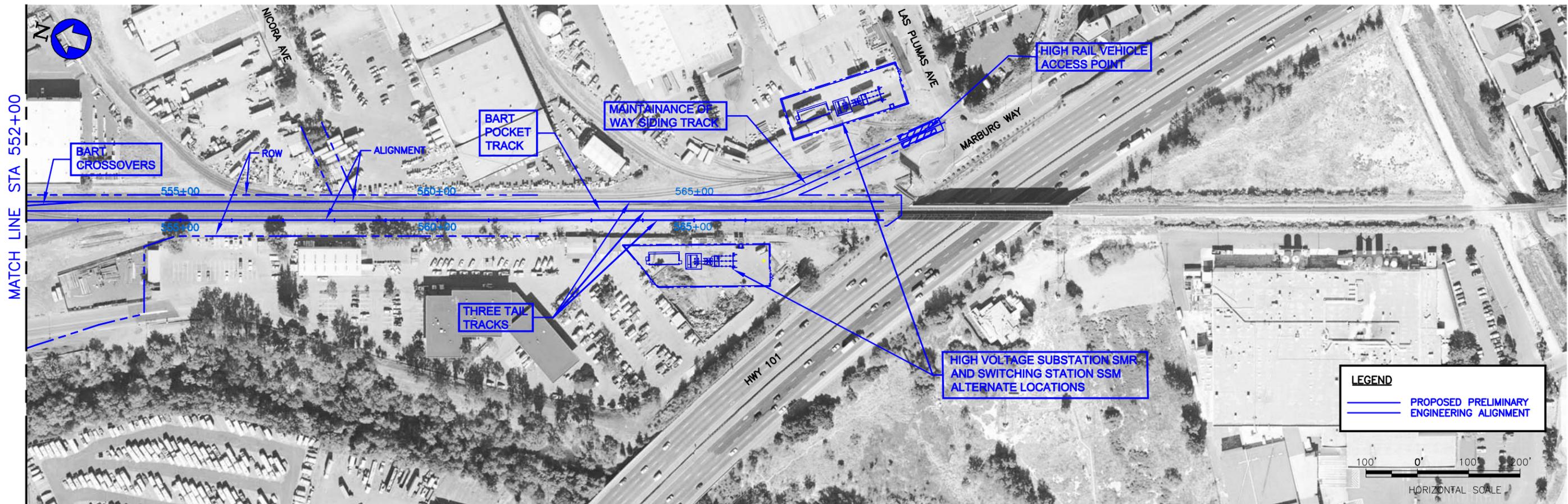
NO NEW YARD OPTION

SHEET 2 OF 3

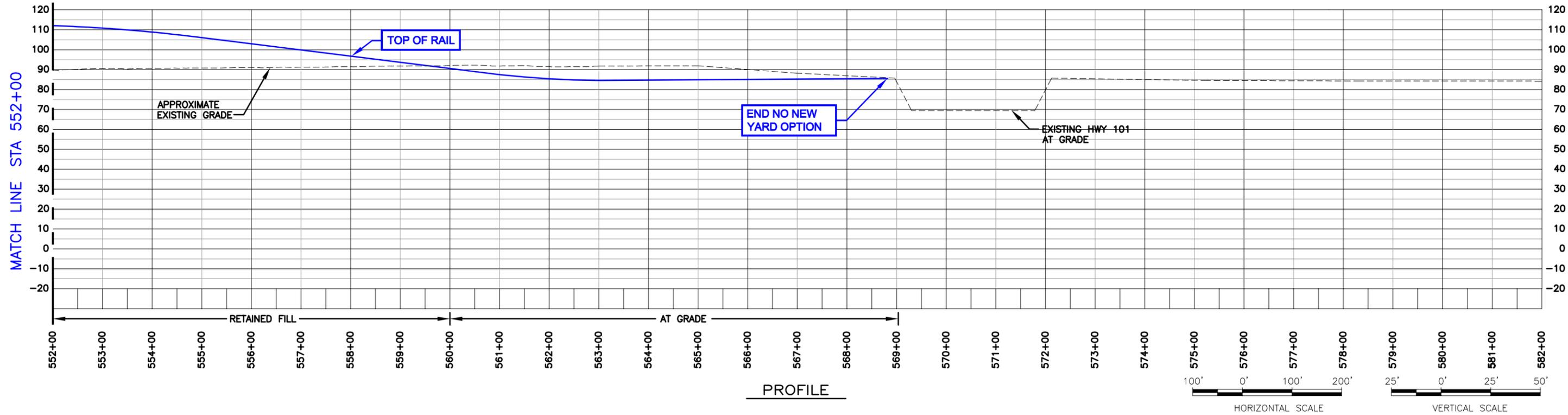
REVISION DATE: 10/22/08

PLAN AND PROFILE

SCHROEDER_A Oct 16, 2008 8:04am W:\SCADD\Phase 2 Design\SEB Figures\BEP Alternative Plans and Profiles-Oct-22-08 -Dion Retin C:\A\Fig_B-28.dwg



PLAN

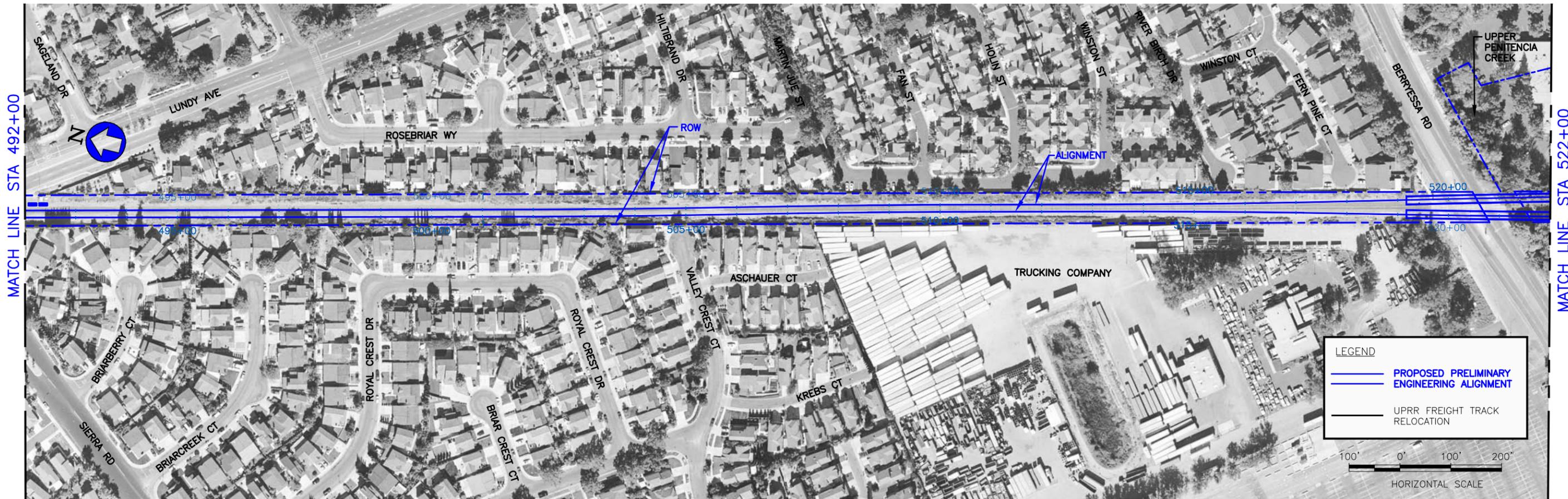


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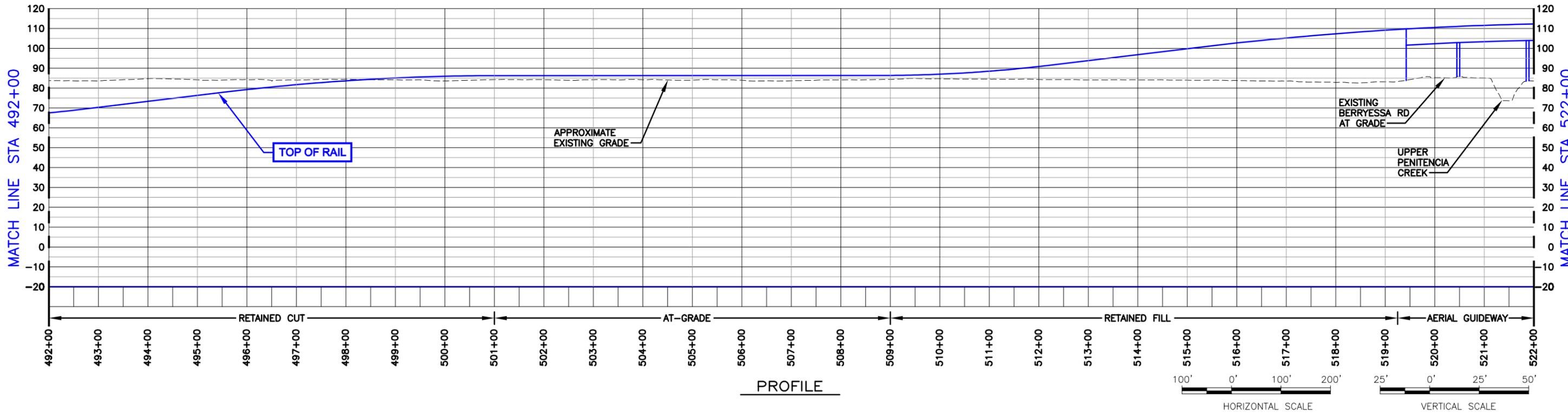
DRAWING IS SCHEMATIC AND FOR ALIGNMENT COMPARISON PURPOSES ONLY.

Figure B-29

BEP ALTERNATIVE
 NO NEW YARD OPTION
 SHEET 3 OF 3
 REVISION DATE: 10/22/08
 PLAN AND PROFILE



PLAN



PROFILE

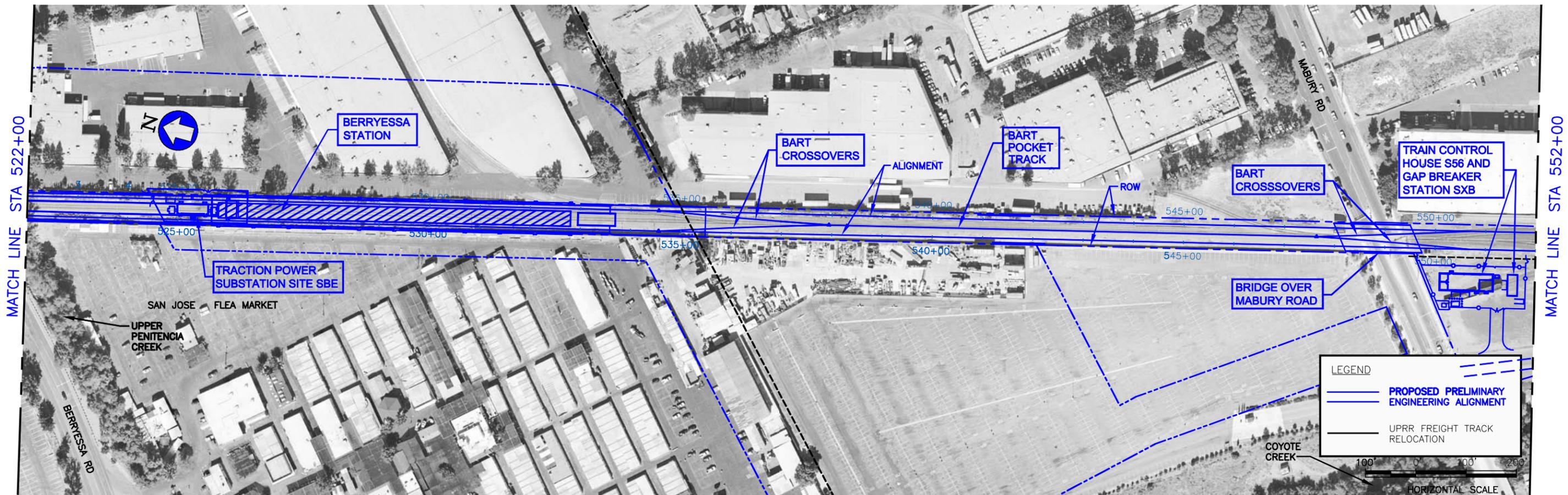
DRAWING IS SCHEMATIC AND FOR ALIGNMENT COMPARISON PURPOSES ONLY.

BEP ALTERNATIVE
 LAS PLUMAS YARD OPTION
 SHEET 1 OF 3
 REVISION DATE: 10/22/08
 PLAN AND PROFILE

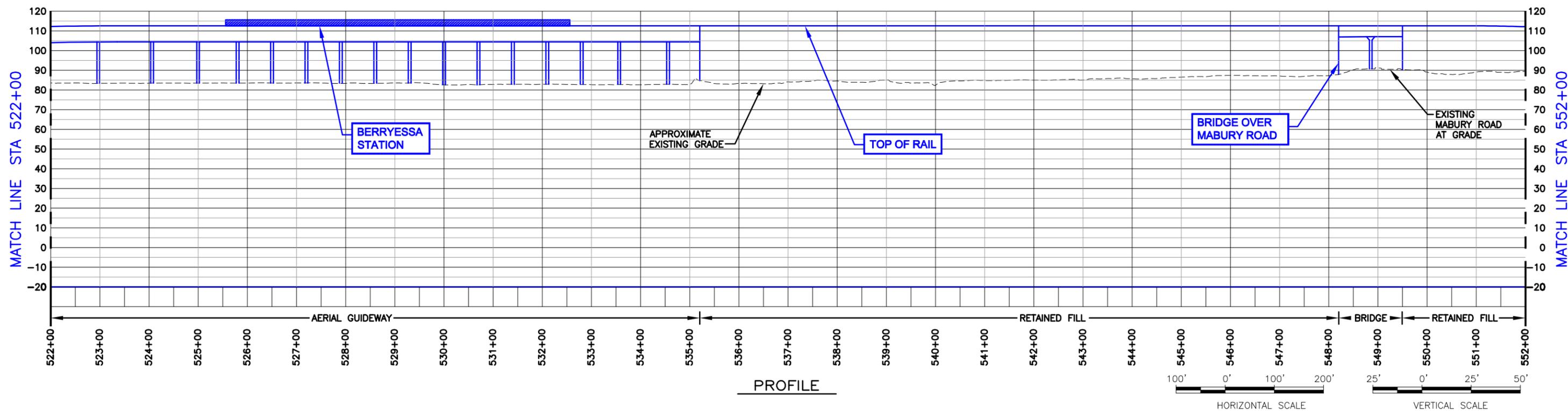
Figure B-30

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SCHROEDER_A Oct 16, 2008 - 8:24am W:\SCDD\Phase 2 Design\USER Figures\BEP Alternative Plans and Profiles-Oct-22-08 -Dion Retin C:\A\Fig_B-31.dwg



PLAN



PROFILE

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BEP ALTERNATIVE

LAS PLUMAS YARD OPTION

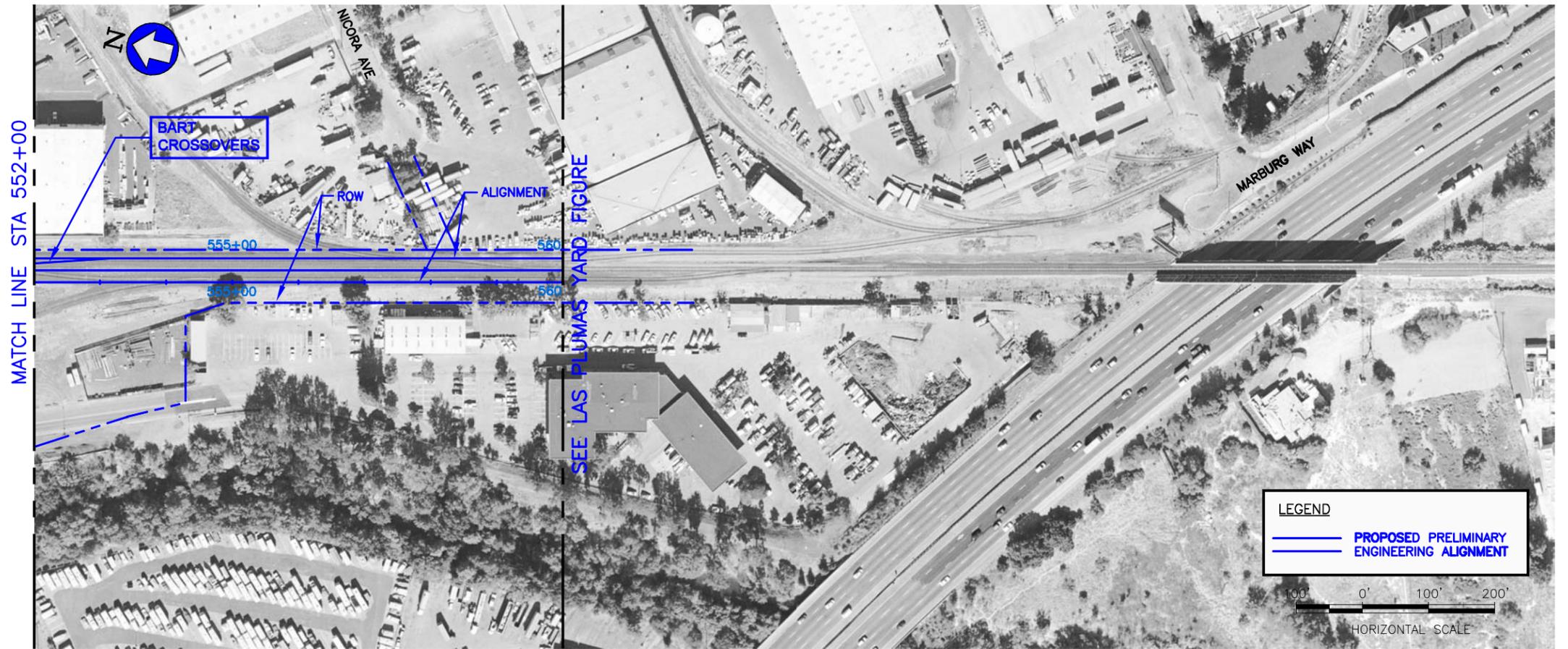
SHEET 2 OF 3

REVISION DATE: 10/22/08

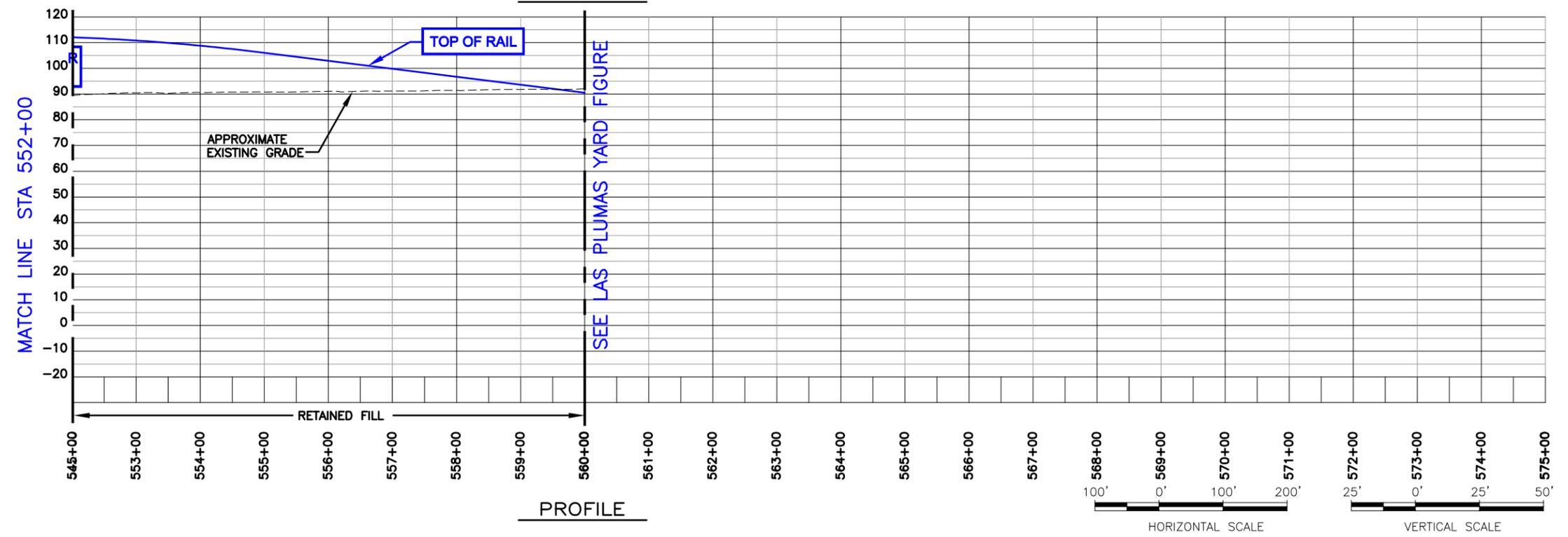
PLAN AND PROFILE

Figure B-31

SCHROEDER_A Oct 16, 2008 - 8:27am W:\SCDD\Phase 2 Design\USER Figures\BEP Alternative Plans and Profiles-Oct-22-08 -Dion Retin CA\Fig_B-32.dwg



PLAN



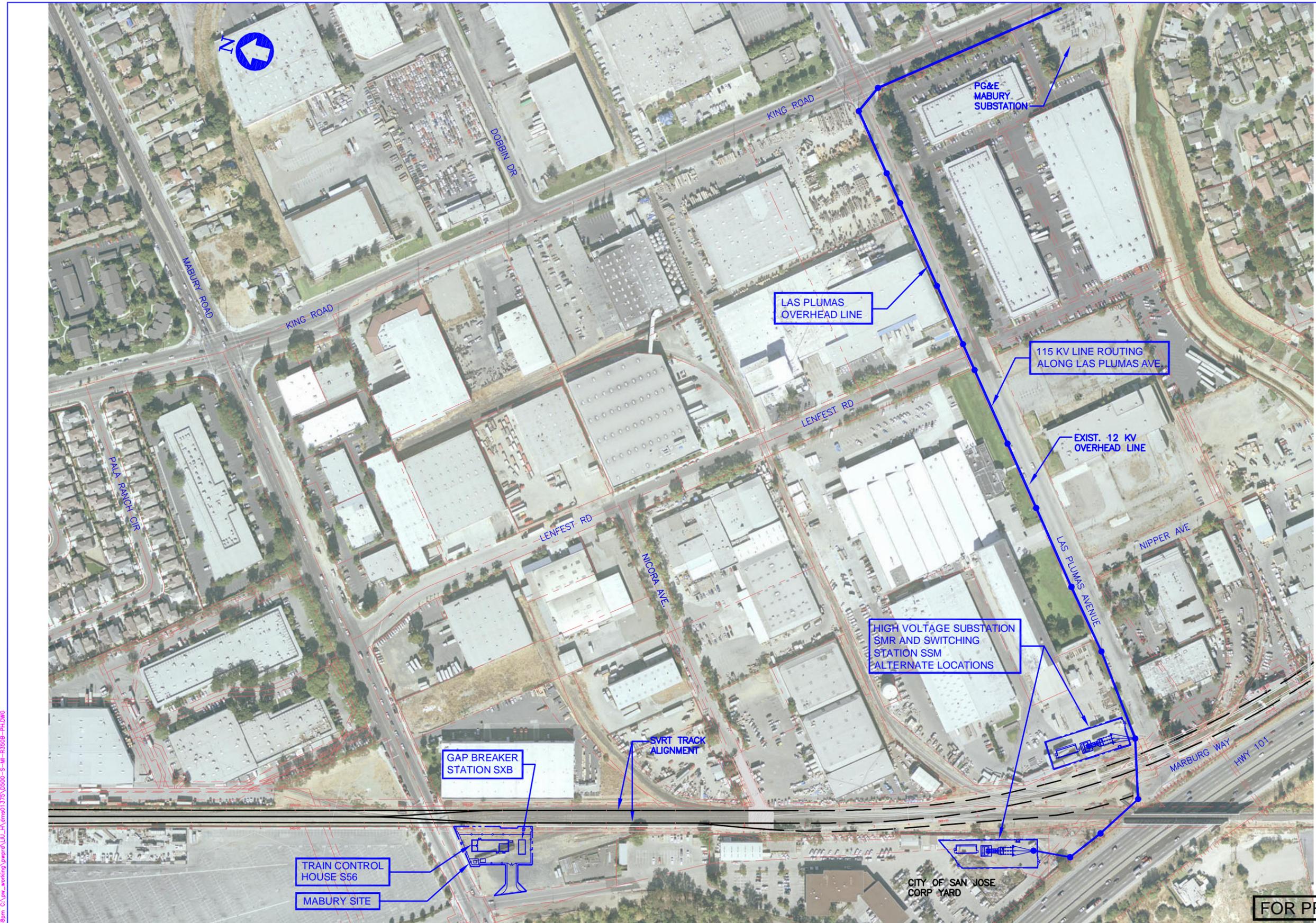
PROFILE

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BEP ALTERNATIVE

LAS PLUMAS YARD OPTION
 SHEET 3 OF 3
 REVISION DATE: 10/22/08
 PLAN AND PROFILE

Figure B-32



LEGEND

●—● 115 KV OVERHEAD LINE

140' 0' 140' 280'

GRAPHIC SCALE

FOR PROJECT COORDINATION ONLY

DESIGNED BY	
DRAWN BY	
CHECKED BY	
IN CHARGE	
DATE	

FOR PROJECT COORDINATION ONLY

Wong/PB
PGH Wong Engineering, Inc. and
PB Americas, Inc.,
A Joint Venture

SUBMITTED _____ APPROVED _____

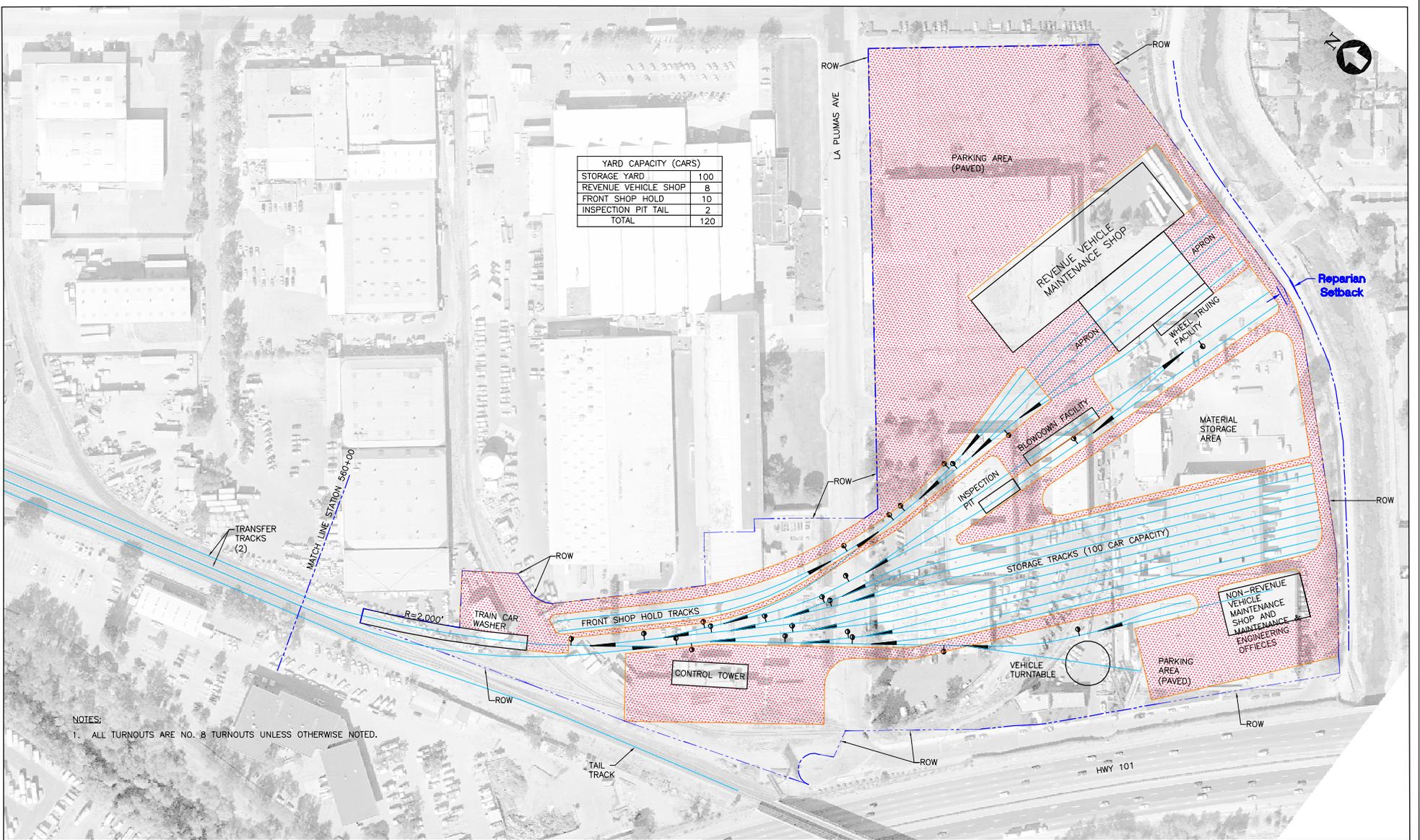


BEP ALTERNATIVE

**115 KV LINE LOCATION
ALTERNATIVES
MABURY HIGH VOLTAGE SUBSTATION**

CADD FILENAME	D500-S-MI-R350B.DWG		
SIZE	SCALE	1"=140'	
CONTRACT NO.	D500	REV.	A
AREA CODE	MI	SHEET NO.	R350B
		DATE	

Jul 31, 2008 2:48pm C:\pwworking\pwworking\AutoCAD\Drawings\1375\0500-S-MI-R350B-R1.DWG

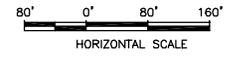


YARD CAPACITY (CARS)	
STORAGE YARD	100
REVENUE VEHICLE SHOP	8
FRONT SHOP HOLD	10
INSPECTION PIT TAIL	2
TOTAL	120

NOTES:
 1. ALL TURNOUTS ARE NO. 8 TURNOUTS UNLESS OTHERWISE NOTED.

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Figure B-34



BEP ALTERNATIVE
 LAS PLUMAS YARD OPTION
 SHEET 1 OF 1
 REVISION DATE: 2/15/08