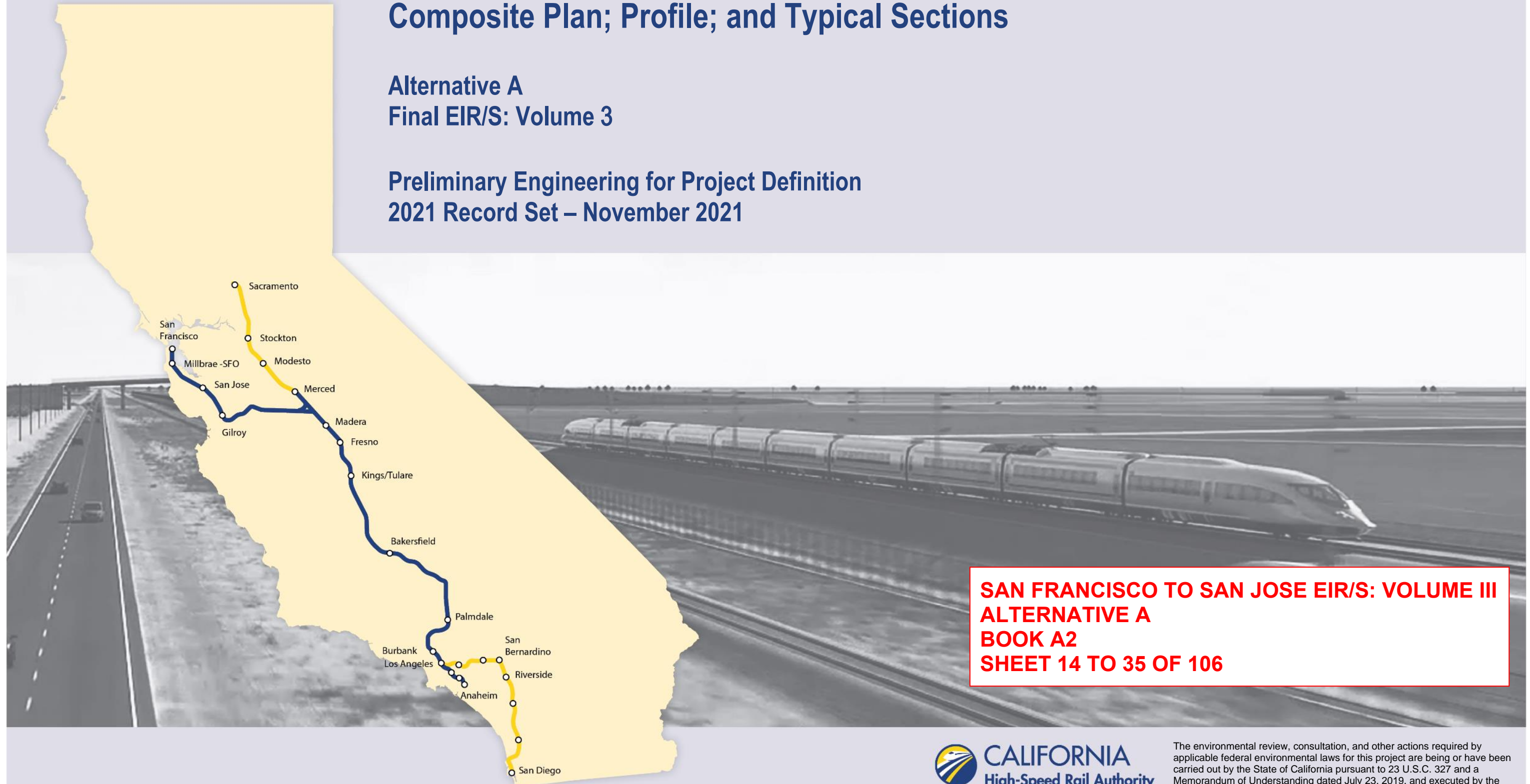


San Francisco to San Jose Project Section

Composite Plan; Profile; and Typical Sections

Alternative A
Final EIR/S: Volume 3

Preliminary Engineering for Project Definition
2021 Record Set – November 2021



ALTERNATIVE A - SAN FRANCISCO TO SAN JOSE

BOOK	SHEET NO	DRAWING NO	SUBSECTION	GEOGRAPHIC LOCATION OR FEATURE	ALIGNMENT OR FEATURE	SHEET DESCRIPTION	ADDITIONAL DESCRIPTION
COVER, INDEX OF DRAWING AND KEY MAPS							
BOOK A2	A	COVER		4TH & KING TO W. ALMA	ALTERNATIVE A	ALTERNATIVE A	
BOOK A2	B	GE-A1102	SAN MATEO TO PALO ALTO, MOUNTAIN VIEW TO SANTA CLARA, SAN JOSE DIRIDON STATION APPROACH	HARBOR BLVD TO CURTNER AVE	INDEX OF DRAWINGS	SHEET 2 OF 5	
BOOK A2	C	GE-D1101	GENERAL	ENTIRE ALTERNATIVE	KEY MAP	COMPOSITE PLAN	SHEET 1 OF 3
BOOK A2	D	GE-D1102	GENERAL	ENTIRE ALTERNATIVE	KEY MAP	COMPOSITE PLAN	SHEET 2 OF 3
BOOK A2	E	GE-D1103	GENERAL	ENTIRE ALTERNATIVE	KEY MAP	COMPOSITE PLAN	SHEET 3 OF 3
BOOK A2	F	GE-D1104	GENERAL	ENTIRE ALTERNATIVE	KEY MAP	SYSTEM SITES	

COMPOSITE PLAN, PROFILE AND TYPICAL SECTIONS

BOOK A2	14	TT-D0114	SAN MATEO TO PALO ALTO	HARBOR BLVD / CALTRAIN SAN CARLOS STATION	ALTERNATIVE A	COMPOSITE PLAN, PROFILE AND TYPICAL SECTIONS	B1280+00 TO B1370+00
BOOK A2	15	TT-D0115	SAN MATEO TO PALO ALTO	HOWARD AVE / WHIPPLE AVE / CALTRAIN REDWOOD	ALTERNATIVE A	COMPOSITE PLAN, PROFILE AND TYPICAL SECTIONS	B1370+00 TO B1465+00
BOOK A2	16	TT-D0116	SAN MATEO TO PALO ALTO	HWY 84 / 5TH AVE	ALTERNATIVE A	COMPOSITE PLAN, PROFILE AND TYPICAL SECTIONS	B1465+00 TO B1555+00
BOOK A2	17	TT-D0117	SAN MATEO TO PALO ALTO	CALTRAIN ATHERTON STATION / CALTRAIN MENLO PARK	ALTERNATIVE A	COMPOSITE PLAN, PROFILE AND TYPICAL SECTIONS	B1555+00 TO B1645+00
BOOK A2	18	TT-D0118	SAN MATEO TO PALO ALTO	CALTRAIN PALO ALTO STATION / CALTRAIN STANFORD	ALTERNATIVE A	COMPOSITE PLAN, PROFILE AND TYPICAL SECTIONS	B1645+00 TO B1735+00
BOOK A2	19	TT-D0119	SAN MATEO TO PALO ALTO	CALTRAIN CALIFORNIA AVE STATION	ALTERNATIVE A	COMPOSITE PLAN, PROFILE AND TYPICAL SECTIONS	B1735+00 TO B1825+00
BOOK A2	20	TT-D0120	SAN MATEO TO PALO ALTO / MOUNTAIN VIEW TO SANTA CLARA	E. MEADOW DR / CALTRAIN SAN ANTONIO STATION	ALTERNATIVE A	COMPOSITE PLAN, PROFILE AND TYPICAL SECTIONS	B1825+00 TO B1915+00
BOOK A2	21	TT-D0121	MOUNTAIN VIEW TO SANTA CLARA	RENGSTORFF AVE / SHORELINE BLVD	ALTERNATIVE A	COMPOSITE PLAN, PROFILE AND TYPICAL SECTIONS	B1915+00 TO B2005+00
BOOK A2	22	TT-D0122	MOUNTAIN VIEW TO SANTA CLARA	CALTRAIN MOUNTAIN VIEW STATION / HWY 85 / HWY 237	ALTERNATIVE A	COMPOSITE PLAN, PROFILE AND TYPICAL SECTIONS	B2005+00 TO B2095+00
BOOK A2	23	TT-D0123	MOUNTAIN VIEW TO SANTA CLARA	CALTRAIN SUNNYVALE STATION	ALTERNATIVE A	COMPOSITE PLAN, PROFILE AND TYPICAL SECTIONS	B2095+00 TO B2185+00
BOOK A2	24	TT-D0124	MOUNTAIN VIEW TO SANTA CLARA	FAIR OAKS AVE / CALTRAIN LAWRENCE STATION	ALTERNATIVE A	COMPOSITE PLAN, PROFILE AND TYPICAL SECTIONS	B2185+00 TO B2275+00
BOOK A2	25	TT-D0125	MOUNTAIN VIEW TO SANTA CLARA	CALABAZAS CREEK / BOWERS AVE / SAN TOMAS EXPY	ALTERNATIVE A	COMPOSITE PLAN, PROFILE AND TYPICAL SECTIONS	B2275+00 TO B2365+00
BOOK A2	26	TT-D0126	MOUNTAIN VIEW TO SANTA CLARA	SCOTT BLVD	ALTERNATIVE A	COMPOSITE PLAN, PROFILE AND TYPICAL SECTIONS	B2365+00 TO B2375+00
BOOK A2	27	TT-D4001	SAN JOSE DIRIDON STATION APPROACH (CP COAST TO GILROY)	SCOTT BLVD TO BENTON ST	BLENDED AT-GRADE ALTERNATIVE	COMPOSITE PLAN, PROFILE AND TYPICAL SECTIONS	B2782+86 TO B2952+50
BOOK A2	28	TT-D4002	SAN JOSE DIRIDON STATION APPROACH (CP COAST TO GILROY)	NEWHALL ST TO EMORY ST	BLENDED AT-GRADE ALTERNATIVE	COMPOSITE PLAN, PROFILE AND TYPICAL SECTIONS	B2952+50 TO B3029+40
BOOK A2	29	TT-D4003	SAN JOSE DIRIDON STATION APPROACH (CP COAST TO GILROY)	W TAYLOR ST TO SAN CARLOS ST	BLENDED AT-GRADE ALTERNATIVE	COMPOSITE PLAN, PROFILE AND TYPICAL SECTIONS	B3029+40 TO B3112+50
BOOK A2	30	TT-D4003A	SAN JOSE DIRIDON STATION APPROACH (CP COAST TO GILROY)	W TAYLOR ST TO SAN CARLOS ST	BLENDED AT-GRADE ALTERNATIVE	COMPOSITE PLAN, PROFILE AND TYPICAL SECTIONS	B3029+40 TO B3112+50 - DIRIDON DESIGN VARIANT
BOOK A2	31	TT-D4004	SAN JOSE DIRIDON STATION APPROACH (CP COAST TO GILROY)	I-280 TO HWY 87	BLENDED AT-GRADE ALTERNATIVE	COMPOSITE PLAN, PROFILE AND TYPICAL SECTIONS	B3112+50 TO B3161+50
BOOK A2	32	TT-D4004A	SAN JOSE DIRIDON STATION APPROACH (CP COAST TO GILROY)	I-280 TO HWY 87	BLENDED AT-GRADE ALTERNATIVE	COMPOSITE PLAN, PROFILE AND TYPICAL SECTIONS	B3112+50 TO B3161+50 - DIRIDON DESIGN VARIANT
BOOK A2	33	TT-D4005	SAN JOSE DIRIDON STATION APPROACH (CP COAST TO GILROY)	WILLOW ST TO CURTNER AVE	BLENDED AT-GRADE ALTERNATIVE	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS	B3161+50 TO B3249+50
BOOK A2	34	TT-Y4001-JM	SAN JOSE DIRIDON STATION APPROACH (CP COAST TO GILROY)	N/A	MORGAN HILL AND GILROY	BLENDED AT-GRADE ALTERNATIVE	PROJECT BOUNDARY DETAILS
BOOK A2	35	TT-Y4001A	SAN JOSE DIRIDON STATION APPROACH (CP COAST TO GILROY)	N/A	BLENDED AT-GRADE ALTERNATIVE	PROJECT BOUNDARY DETAILS	DIRIDON DESIGN VARIANT

**SAN FRANCISCO TO SAN JOSE EIR/S: VOLUME III
ALTERNATIVE A
BOOK A2
SHEET B**

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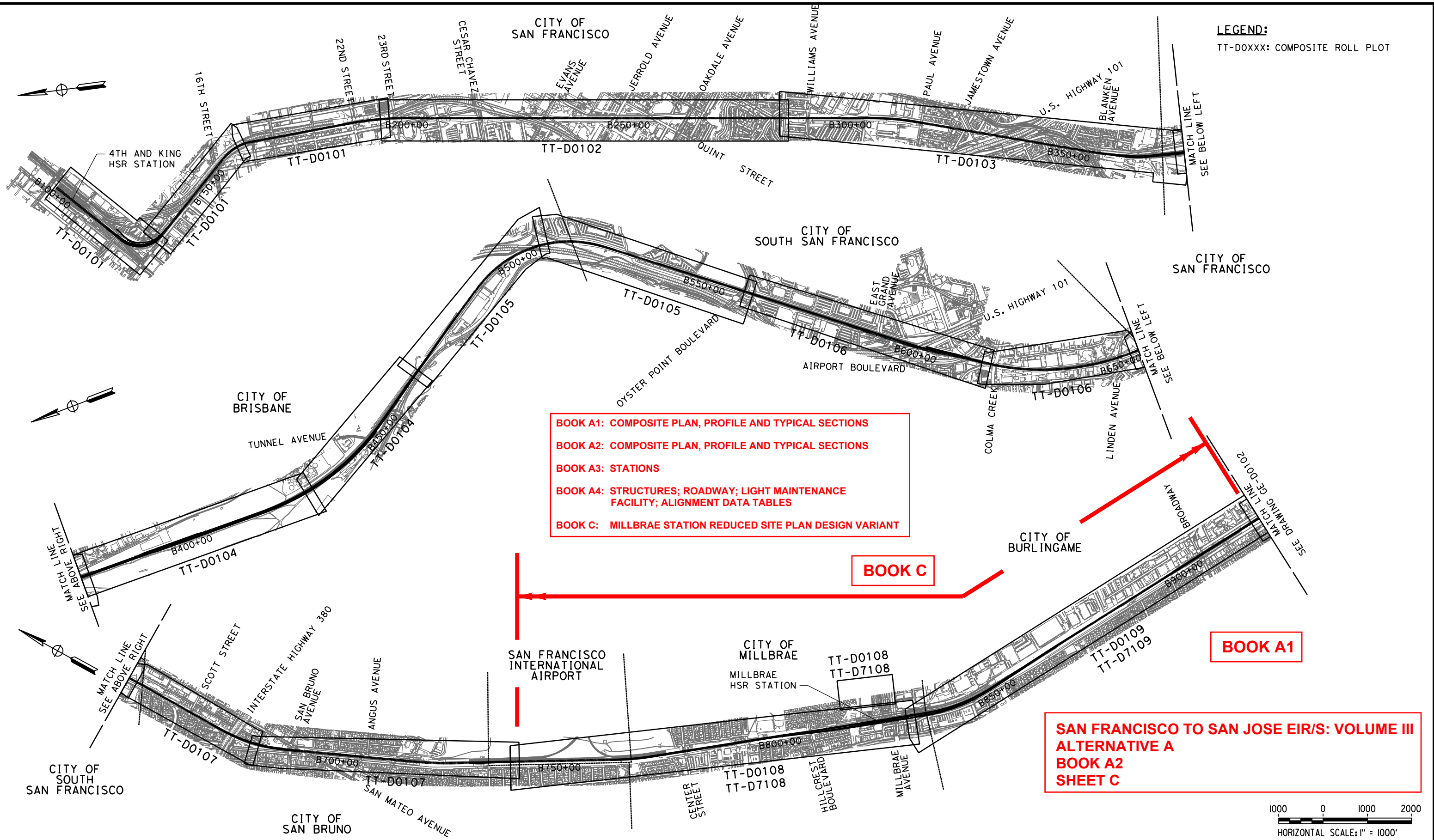
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2021 RECORD SET PEPP
NOVEMBER 30, 2021
NOT FOR CONSTRUCTION



**CALIFORNIA HIGH-SPEED TRAIN PROJECT
SAN FRANCISCO TO SAN JOSE**
ALTERNATIVE A
INDEX OF DRAWINGS
SHEET 2 OF 5

CONTRACT NO.	HSR15-34
DRAWING NO.	GE-A1102
SCALE	NONE
SHEET NO.	



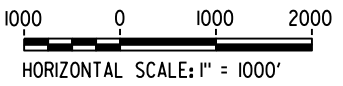
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TT-DOXXX: COMPOSITE ROLL PLOT

- BOOK A1: COMPOSITE PLAN, PROFILE AND TYPICAL SECTIONS
- BOOK A2: COMPOSITE PLAN, PROFILE AND TYPICAL SECTIONS
- BOOK A3: STATIONS
- BOOK A4: STRUCTURES; ROADWAY; LIGHT MAINTENANCE FACILITY; ALIGNMENT DATA TABLES
- BOOK C: MILLBRAE STATION REDUCED SITE PLAN DESIGN VARIANT

BOOK C

BOOK A1

**SAN FRANCISCO TO SAN JOSE EIR/S: VOLUME III
ALTERNATIVE A
BOOK A2
SHEET C**



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NOVEMBER 30, 2021

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Oakland, CA 94607

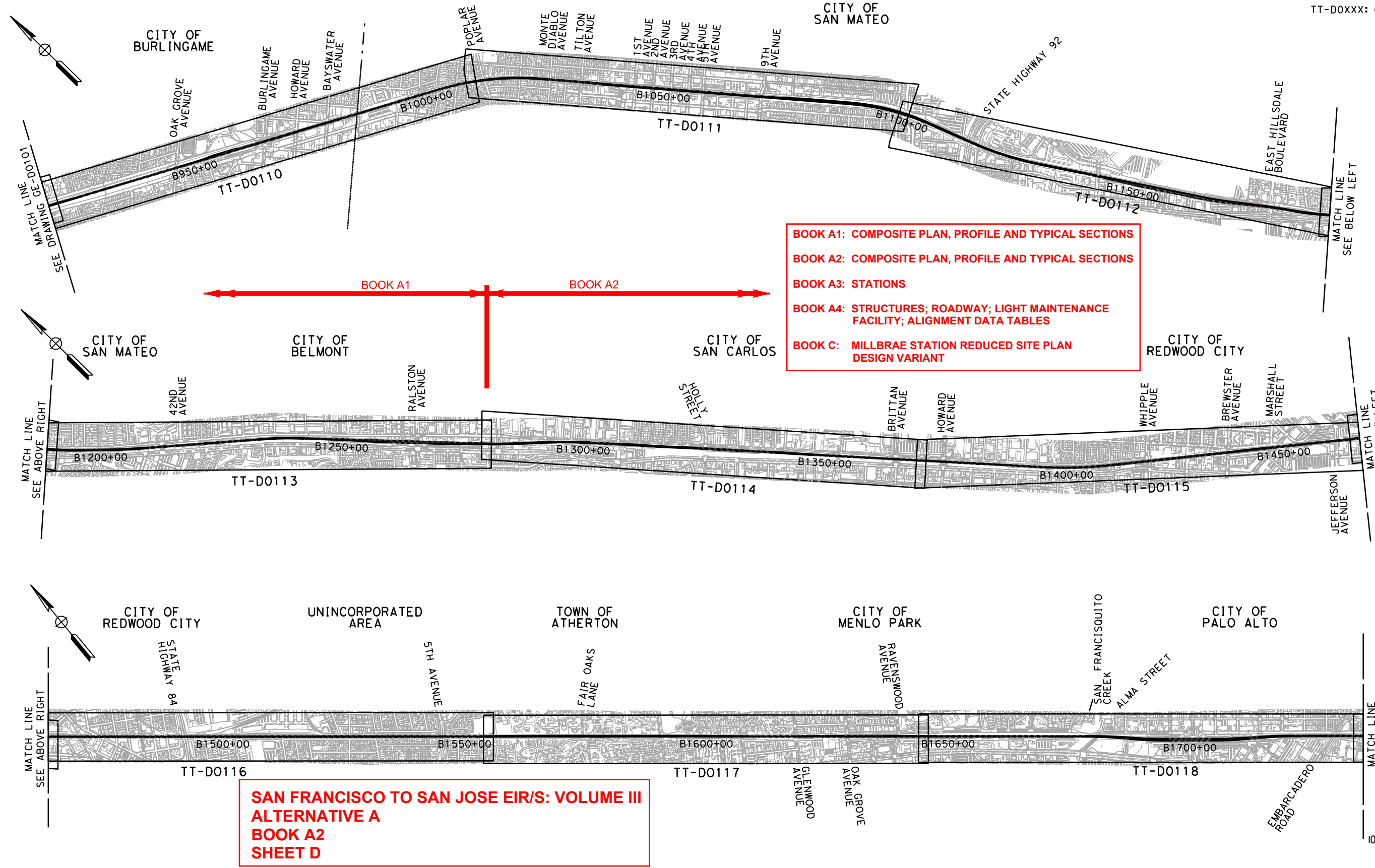


**CALIFORNIA HIGH-SPEED TRAIN PROJECT
SAN FRANCISCO TO SAN JOSE**

ALTERNATIVE A
KEY MAP
COMPOSITE PLAN
SHEET 1 OF 3

CONTRACT NO.	HSR15-34
DRAWING NO.	GE-D1101
SCALE	AS SHOWN
SHEET NO.	

LEGEND:
TT-D0XXX: COMPOSITE ROLL PLOT



BOOK A1: COMPOSITE PLAN, PROFILE AND TYPICAL SECTIONS
BOOK A2: COMPOSITE PLAN, PROFILE AND TYPICAL SECTIONS
BOOK A3: STATIONS
BOOK A4: STRUCTURES; ROADWAY; LIGHT MAINTENANCE FACILITY; ALIGNMENT DATA TABLES
BOOK C: MILLBRAE STATION REDUCED SITE PLAN DESIGN VARIANT

**SAN FRANCISCO TO SAN JOSE EIR/S: VOLUME III
 ALTERNATIVE A
 BOOK A2
 SHEET D**



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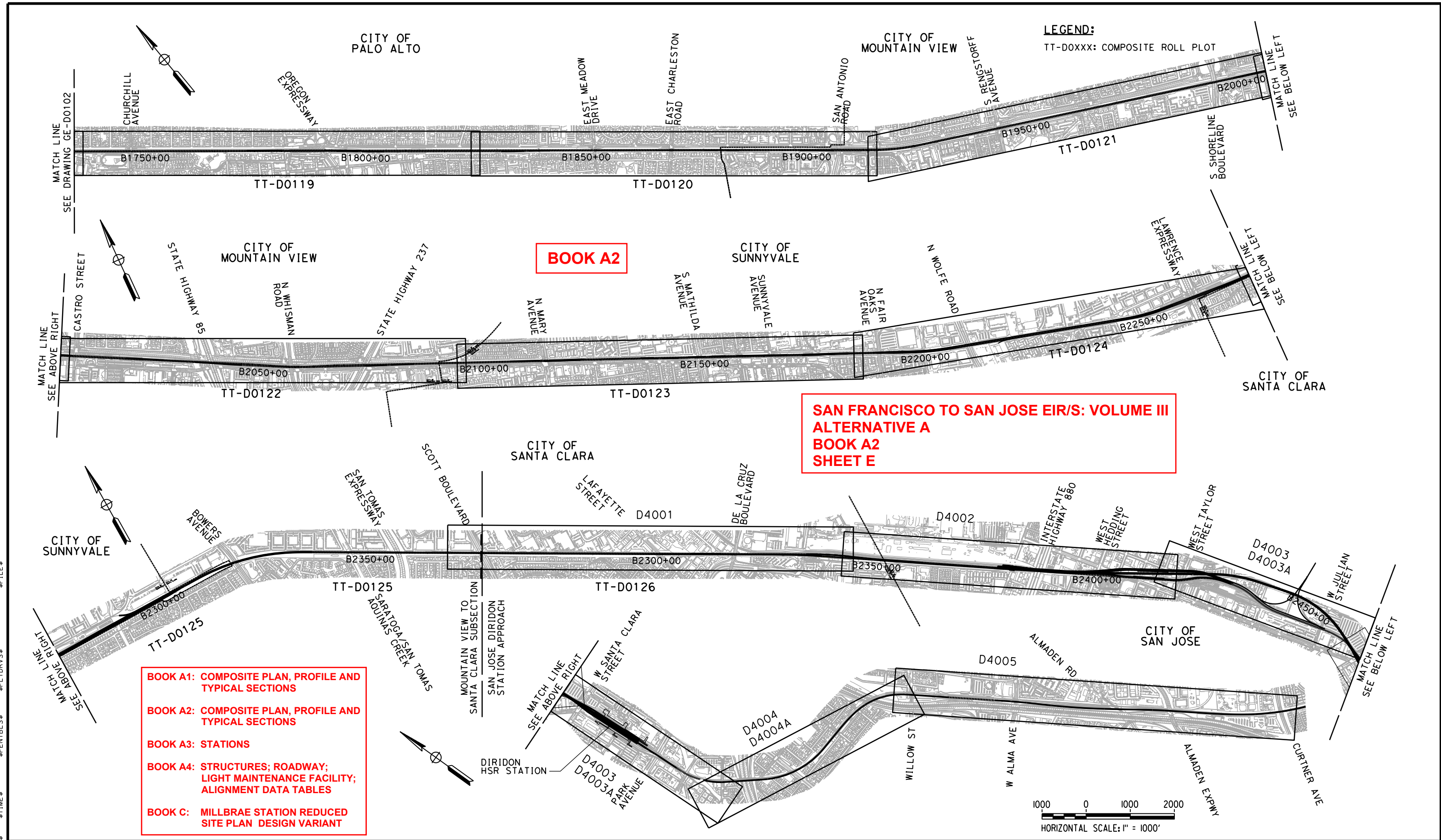
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CALIFORNIA HIGH-SPEED TRAIN PROJECT
SAN FRANCISCO TO SAN JOSE
 ALTERNATIVE A
 KEY MAP
 COMPOSITE PLAN
 SHEET 2 OF 3

CONTRACT NO.
HSR15-34
DRAWING NO.
GE-D1102
SCALE
AS SHOWN
SHEET NO.



BOOK A2

**SAN FRANCISCO TO SAN JOSE EIR/S: VOLUME III
ALTERNATIVE A
BOOK A2
SHEET E**

- BOOK A1: COMPOSITE PLAN, PROFILE AND TYPICAL SECTIONS**
- BOOK A2: COMPOSITE PLAN, PROFILE AND TYPICAL SECTIONS**
- BOOK A3: STATIONS**
- BOOK A4: STRUCTURES; ROADWAY; LIGHT MAINTENANCE FACILITY; ALIGNMENT DATA TABLES**
- BOOK C: MILLBRAE STATION REDUCED SITE PLAN DESIGN VARIANT**

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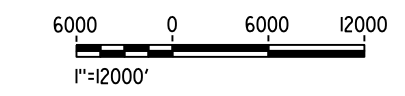
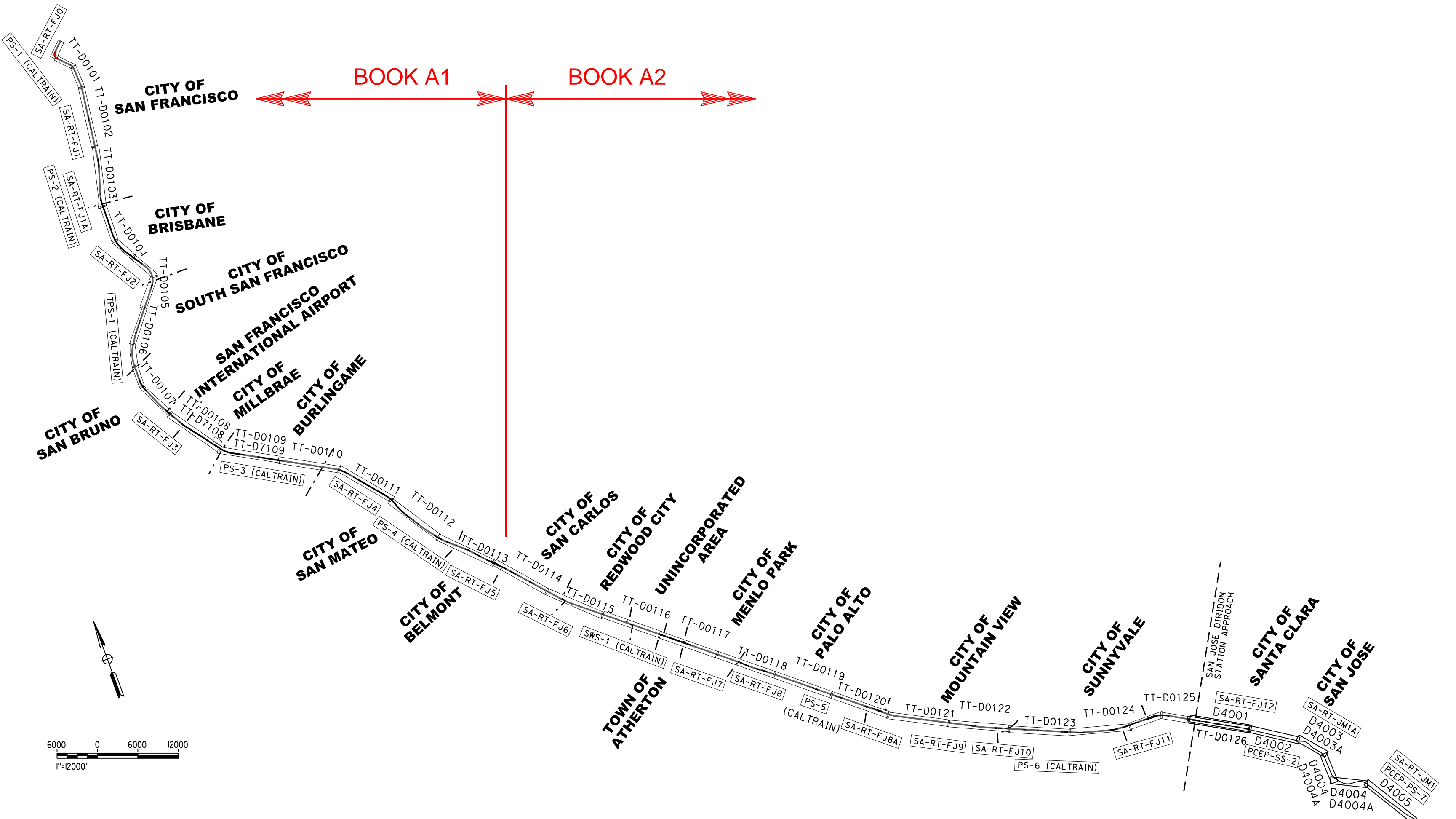
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Oakland, CA 94607



CALIFORNIA HIGH-SPEED TRAIN PROJECT
SAN FRANCISCO TO SAN JOSE
ALTERNATIVE A
KEY MAP
COMPOSITE PLAN
SHEET 3 OF 3

CONTRACT NO. HSR15-34
DRAWING NO. GE-D1103
SCALE AS SHOWN
SHEET NO.



ALTERNATIVE A

Station (SB TRK)	Traction Power Facility (TPF)	TPF ID	Dist. to Prev. TPF (mi)	Automatic Train Control Sites	Dist. to Prev. ATC-D (mi)	Communications Radio Tower	Dist. to Prev. RT (mi)	Cross Street
104+63	4th & King Passenger Station					Radio Tower 4th & King Sta		4th St
133+15								
STATION EQUATION STA B133+15.12 = STA B139+00.00								
139+00								
162+58	Mariposa PS-1 (Caltrain)	PCEP-PS-1	3.86			Radio Tower PS-1 (Caltrain)	0.99	Mariposa St
167+09								
185+27								
198+80								
209+69								
245+49						Stand Alone Radio Tower FJ1 - Alt 1		Jerrold Ave
258+78						to RT 4th & King Sta	2.56	
						to RT PS-1	1.57	
						Stand Alone Radio Tower FJ1 - Alt 2		Newcomb Ave
						to RT 4th & King Sta	2.81	
						to RT PS-1	1.82	
264+92								
288+52								
322+20								
357+57								
358+50						Stand Alone Radio Tower FJ1A		Blanken Ave
						to SA-RT FJ1 - Alt 1	2.14	
						to SA-RT FJ1 - Alt 2	1.89	
366+50	Bayshore PS-2 (Caltrain)	PCEP-PS-2	3.86					Recycle Road
467+30						Stand Alone Radio Tower FJ2 - Alt 1		Bayshore Boulevard
						to SA-RT FJ1A	2.06	
476+65						Stand Alone Radio Tower FJ2 - Alt 2		Bayshore Boulevard
						to SA-RT FJ1A	2.24	
540+00								
STATION EQUATION STA B540+00.32 = STA B542+50.00								
542+50								
585+00	South San Francisco TPS-1 (Caltrain)	PCEP-TPS-1	4.09			Radio Tower TPS-1 (Caltrain)		Grand Ave
						to SA-RT FJ2 - Alt 1	2.18	
						to SA-RT FJ2 - Alt 2	2.00	
662+50								
STATION EQUATION STA B662+50.02 = STA B665+00.00								

ALTERNATIVE A (CONTINUED)

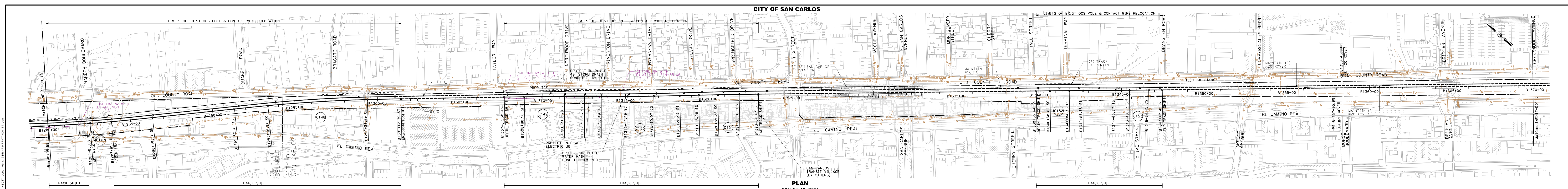
Station (SB TRK)	Traction Power Facility (TPF)	TPF ID	Dist. to Prev. TPF (mi)	Automatic Train Control Sites	Dist. to Prev. ATC-D (mi)	Communications Radio Tower	Dist. to Prev. RT (mi)	Cross Street
665+00								
741+43						Stand Alone Radio Tower FJ3 - Alt 1		San Marco Ave
						to RT TPS-1	2.92	
745+23						Stand Alone Radio Tower FJ3 - Alt 2		Santa Lucia Ave
						to RT TPS-1	2.99	
890+00	Broadway PS-3 (Caltrain)	PCEP-PS-3	5.73			Radio Tower PS-3 (Caltrain)		Lincoln Ave
						to SA-RT FJ3 - Alt 1	2.81	
						to SA-RT FJ3 - Alt 2	2.74	
1038+91						Stand Alone Radio Tower FJ4 - Alt 1		Cypress Avenue
						to RT PS-3	2.82	
1046+13						Stand Alone Radio Tower FJ4 - Alt 2		2nd Avenue
						to RT PS-3	2.96	
1179+32	Hillsdale PS-4 (Caltrain)	PCEP-PS-4	5.48			Radio Tower PS-4 (Caltrain)		E. Hillsdale Boulevard
						to SA-RT FJ4 - Alt 1	2.66	
						to SA-RT FJ4 - Alt 2	2.52	
1257+62						Stand Alone Radio Tower FJ5 - Alt 1		Middle Road
						to RT PS-4	1.48	
1269+19						Stand Alone Radio Tower FJ5 - Alt 2		Ralston Avenue
						to RT PS-4	1.70	
1383+23						Stand Alone Radio Tower FJ6 - Alt 2		El Camino Real/Central Avenue
						to SA-RT FJ5 - Alt 1	2.38	
						to SA-RT FJ5 - Alt 2	2.16	
1387+77						Stand Alone Radio Tower FJ6 - Alt 1		Center Street
						to SA-RT FJ5 - Alt 1	2.46	
						to SA-RT FJ5 - Alt 2	2.25	
1420+00								
STATION EQUATION STA B1419+99.97 = STA B1425+00.00								
1425+00								
1495+25	Redwood Junction SWS-1 (Caltrain)	PCEP-SWS-1	5.89			Radio Tower SWS-1 (Caltrain)		SR 84
						to SA-RT FJ6 - Alt 2	2.03	
						to SA-RT FJ6 - Alt 1	1.94	
1627+06						Stand Alone Radio Tower FJ7 - Alt 1		Derby Lane
						to RT SWS-1	2.50	
1638+84						Stand Alone Radio Tower FJ7 - Alt 2		Ravenswood Avenue
						to RT SWS-1	2.72	
1725+76						Stand Alone Radio Tower FJ8 - Alt 1		Addison Avenue
						to SA-RT FJ7 - Alt 1	1.87	
						to SA-RT FJ7 - Alt 2	1.65	
1728+64						Stand Alone Radio Tower FJ8 - Alt 2		Embarcadero Road
						to SA-RT FJ7 - Alt 1	1.92	
						to SA-RT FJ7 - Alt 2	1.70	
1801+90	West Meadow PS-5 (Caltrain)	PCEP-PS-5	5.81					
						to Caltrain SWS-1	6.69	
1861+61						Stand Alone Radio Tower FJ8A - Alt 2		E. Charleston Road
						to SA-RT FJ8 - Alt 1	2.57	
						to SA-RT FJ8 - Alt 2	2.52	
1865+41						Stand Alone Radio Tower FJ8A - Alt 1		Park Boulevard
						to SA-RT FJ8 - Alt 1	2.64	
						to SA-RT FJ8 - Alt 2	2.59	
1991+97						Stand Alone Radio Tower FJ9 - Alt 1		N. Shoreline Boulevard
						to SA-RT FJ8A - Alt 2	2.47	
						to SA-RT FJ8A - Alt 1	2.40	
1998+51						Stand Alone Radio Tower FJ9 - Alt 2		N. Shoreline Boulevard
						to SA-RT FJ8A - Alt 1	2.52	
						to SA-RT FJ8A - Alt 2	2.59	
2091+76						Stand Alone Radio Tower FJ10 - Alt 1		E. Bernardo Avenue
						to SA-RT FJ9 - Alt 1	1.89	
						to SA-RT FJ9 - Alt 2	1.77	
2093+59						Stand Alone Radio Tower FJ10 - Alt 2		E. Bernardo Avenue
						to SA-RT FJ9 - Alt 1	1.92	
						to SA-RT FJ9 - Alt 2	1.80	
2154+99	Sunnyvale PS-6 (Caltrain)	PCEP-PS-6	6.82			Radio Tower PS-6 (Caltrain)		Mathilda Avenue
						to SA-RT FJ10 - Alt 1	1.20	
						to SA-RT FJ10 - Alt 2	1.16	
2268+87						Stand Alone Radio Tower FJ11 - Alt 1		Lawrence Expressway
						to RT PS-6	2.57	
2290+53						Stand Alone Radio Tower FJ11 - Alt 2		Lawrence Expressway
						to RT PS-6	2.57	
2375+19								End of San Francisco to San Jose Section (FJ)

ALTERNATIVE A (CONTINUED)

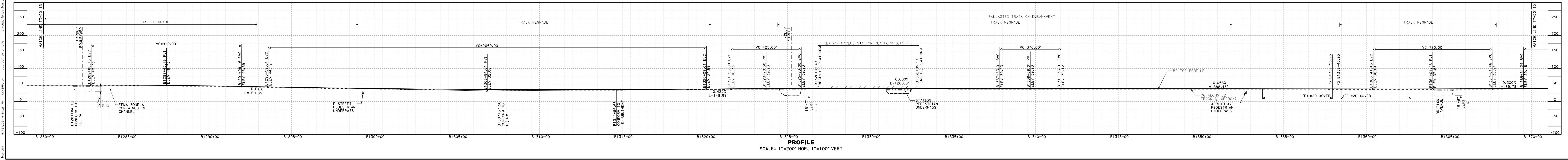
Station (SB TRK)	Traction Power Facility (TPF)	TPF ID	Dist. to Prev. TPF (mi)	Automatic Train Control Sites	Dist. to Prev. ATC-D (mi)	Communications Radio Tower	Dist. to Prev. RT (mi)	Cross Street
SCOTT BOULEVARD								
Station Equation FJ - ALT. A POE (SB) B2375+19.10 = ALT. 4 POB (SB) B2872+66.56 POB								
2872+87								
2874+71								Scott Boulevard
						Stand Alone Radio Tower FJ12 - Alt 1		
						to SA-RT FJ11 - Alt 1	2.05	
2899+66						Stand Alone Radio Tower FJ12 - Alt 2		Lafayette Street
						to SA-RT FJ11 - Alt 2	2.52	
						to SA-RT FJ11 - Alt 1	2.11	
3002+00	Caltrain PCEP TPS-2	PCEP-TPS-2	36.35			Radio Tower PCEP TPS-2		1880
						to Caltrain TPS-1	2.41	
						to SS-B - Alt 1	28.81	
						to SS-B - Alt 2	29.09	
						to Caltrain SWS-1	19.11	
						to SWS-A - Alt 2	15.89	
						to SWS-A - Alt 1	15.98	
						to Caltrain PS-6	6.82	
						to Caltrain PS-7	3.73	
3078+42						Stand Alone Radio Tower JM1A		
						to RT PCEP TPS-2	1.47	
3085+00	Dividon Passenger Station							
3141+50								PTC Interlocking
3196+50								PTC Interlocking
3199+00	Caltrain PCEP PS-7	PCEP-PS-7						Almaden Road

SAN FRANCISCO TO SAN JOSE EIR/S: VOLUME III
ALTERNATIVE A
BOOK A2
SHEET F

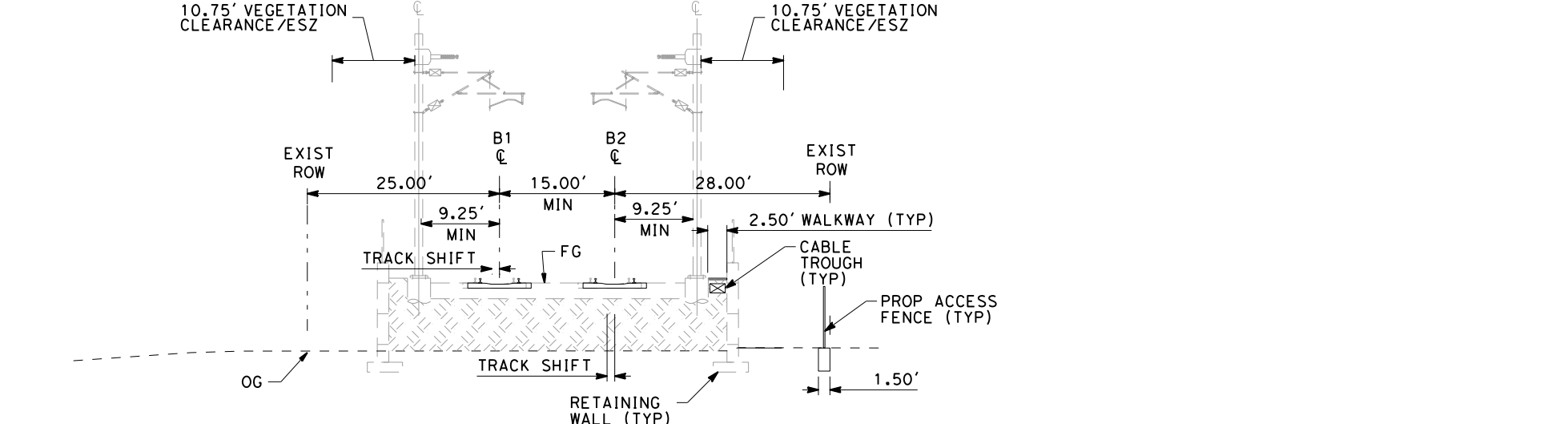
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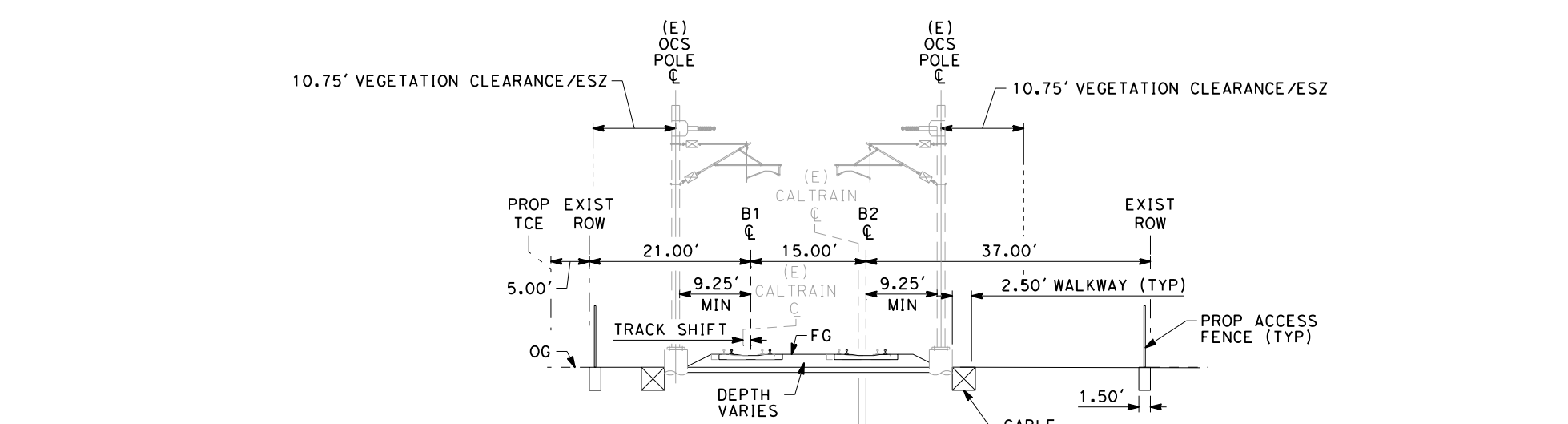
PLAN
SCALE: 1"=200'



PROFILE
SCALE: 1"=200' HOR, 1"=100' VERT



2 TRACK RETAINED FILL MSE WALL WITH SHIFTED TRACK
SCALE: 1"=20'
"B" 1290+00

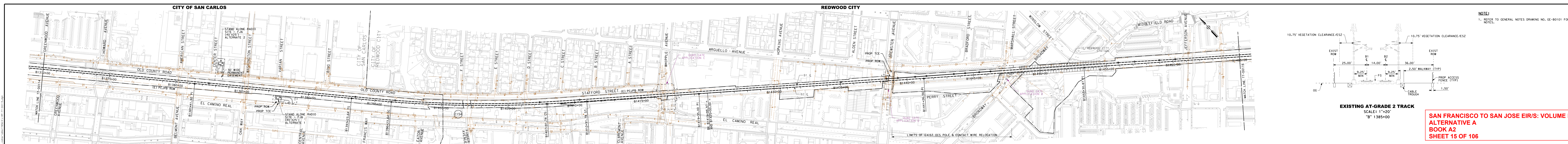


EMBANKMENT 2 TRACK SHIFT
SCALE: 1"=20'
"B" 1315+00

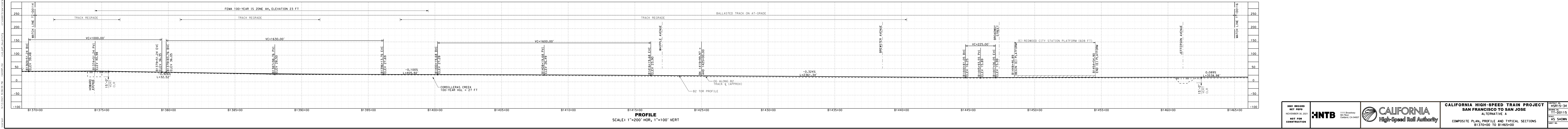
NOTE:
1. REFER TO GENERAL NOTES DRAWING NO. GE-B0101 FOR NOTES.

SAN FRANCISCO TO SAN JOSE EIRS: VOLUME III
ALTERNATIVE A
BOOK A2
SHEET 14 OF 106

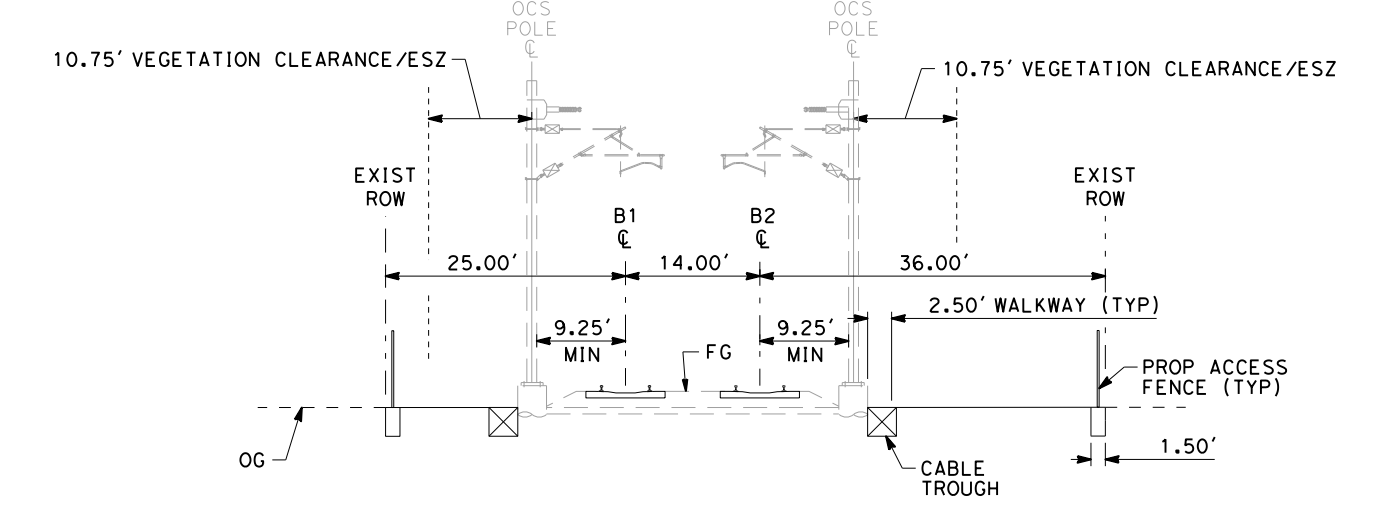
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			COMPOSITE PLAN, PROFILE AND TYPICAL SECTIONS B1280+00 TO B1370+00	DRAWING NO. TT-D0114
			SCALE AS SHOWN	SHEET NO.



PLAN
SCALE: 1"=200'



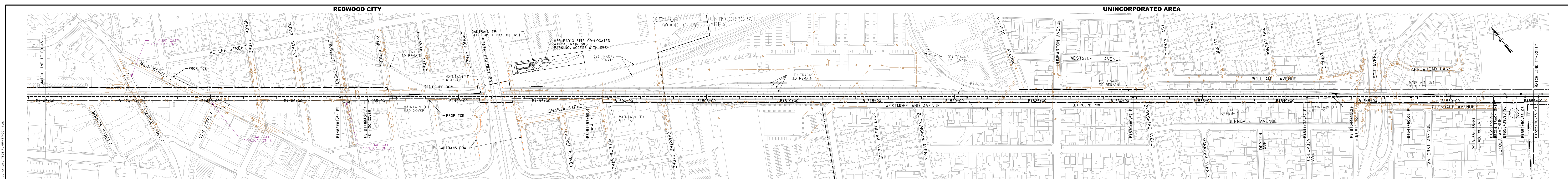
PROFILE
SCALE: 1"=200' HOR, 1"=100' VERT



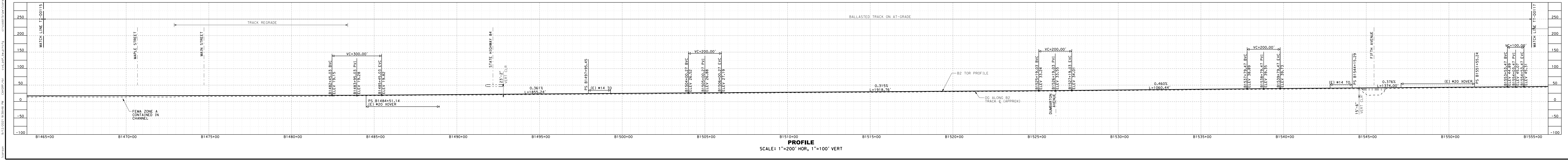
EXISTING AT-GRADE 2 TRACK
SCALE: 1"=20'
"B" 1385+00

SAN FRANCISCO TO SAN JOSE EIRIS: VOLUME III
ALTERNATIVE A
BOOK A2
SHEET 15 OF 106

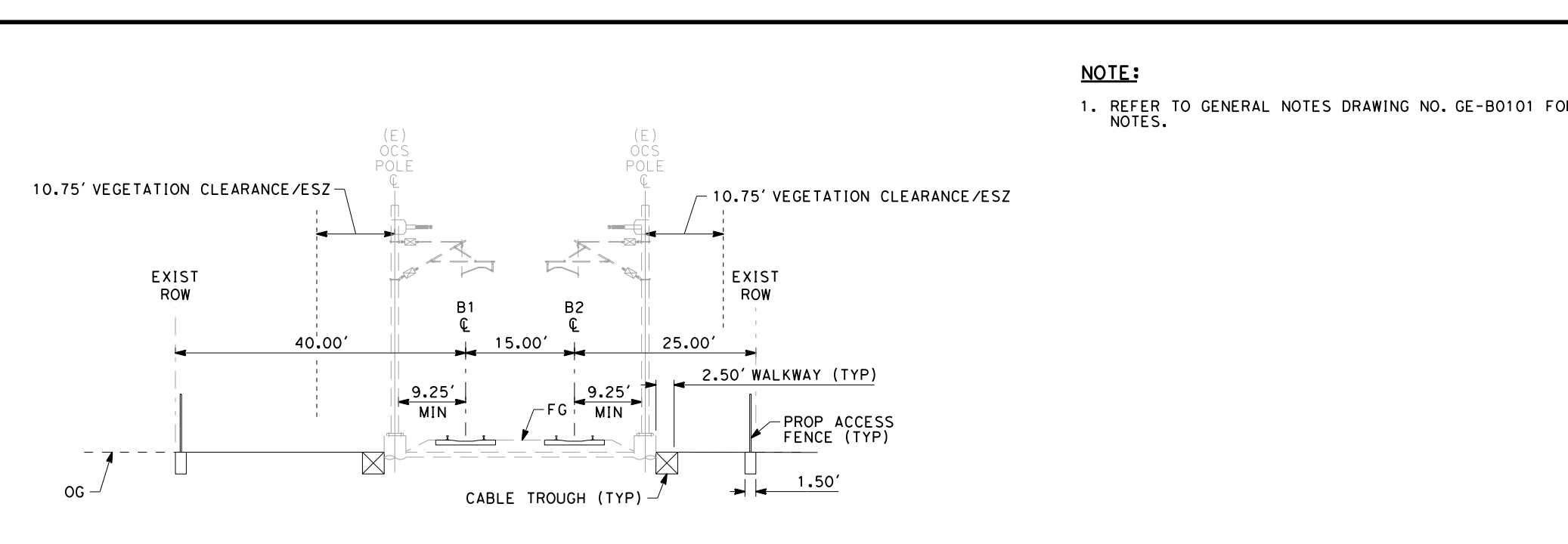
NOTE:
1. REFER TO GENERAL NOTES DRAWING NO. GE-B0101 FOR NOTES.



PLAN
SCALE: 1"=200'



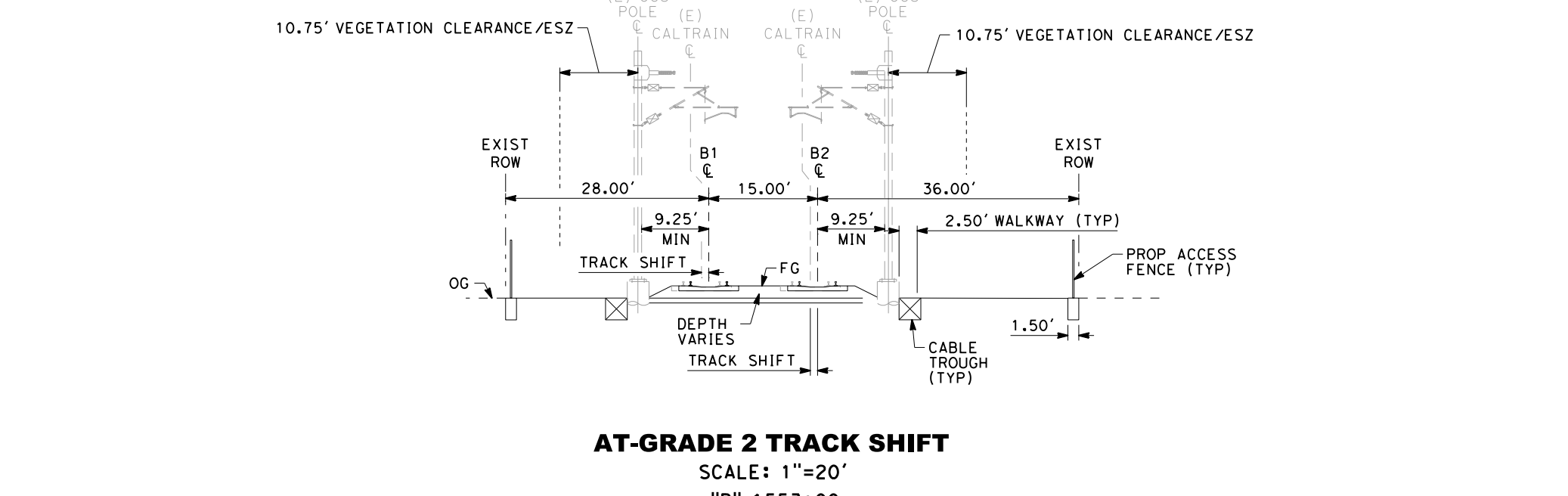
PROFILE
SCALE: 1"=200' HOR, 1"=100' VERT



EXISTING AT-GRADE 2 TRACK
SCALE: 1"=20'
"B" 1485+00

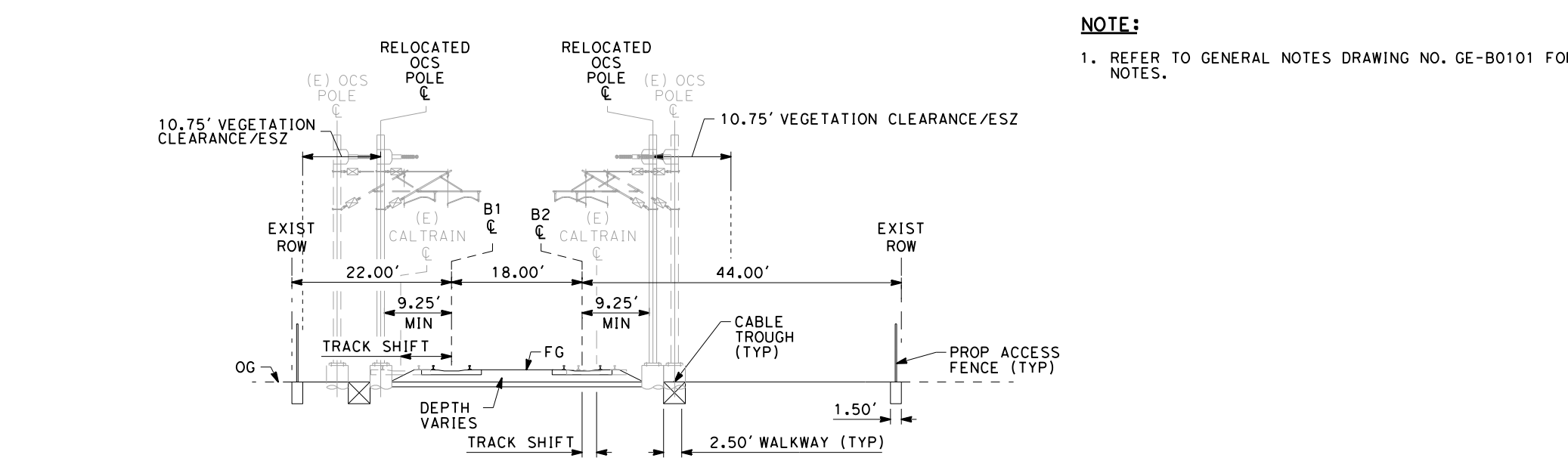
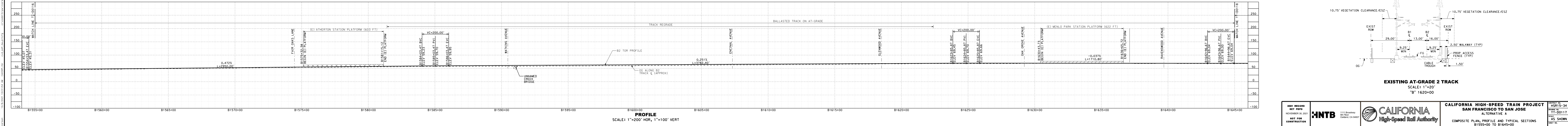
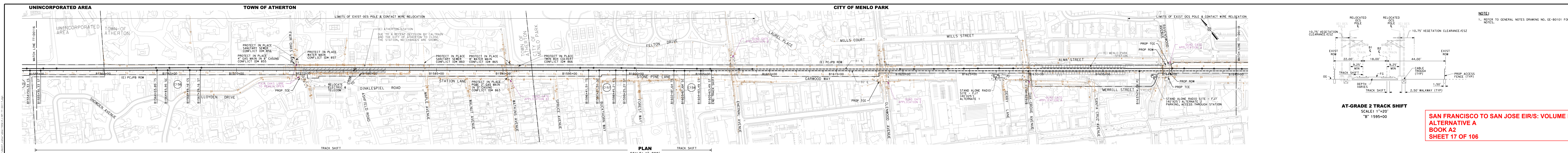
**SAN FRANCISCO TO SAN JOSE EIR/S: VOLUME III
ALTERNATIVE A
BOOK A2
SHEET 16 OF 106**

NOTE:
1. REFER TO GENERAL NOTES DRAWING NO. GE-B0101 FOR NOTES.

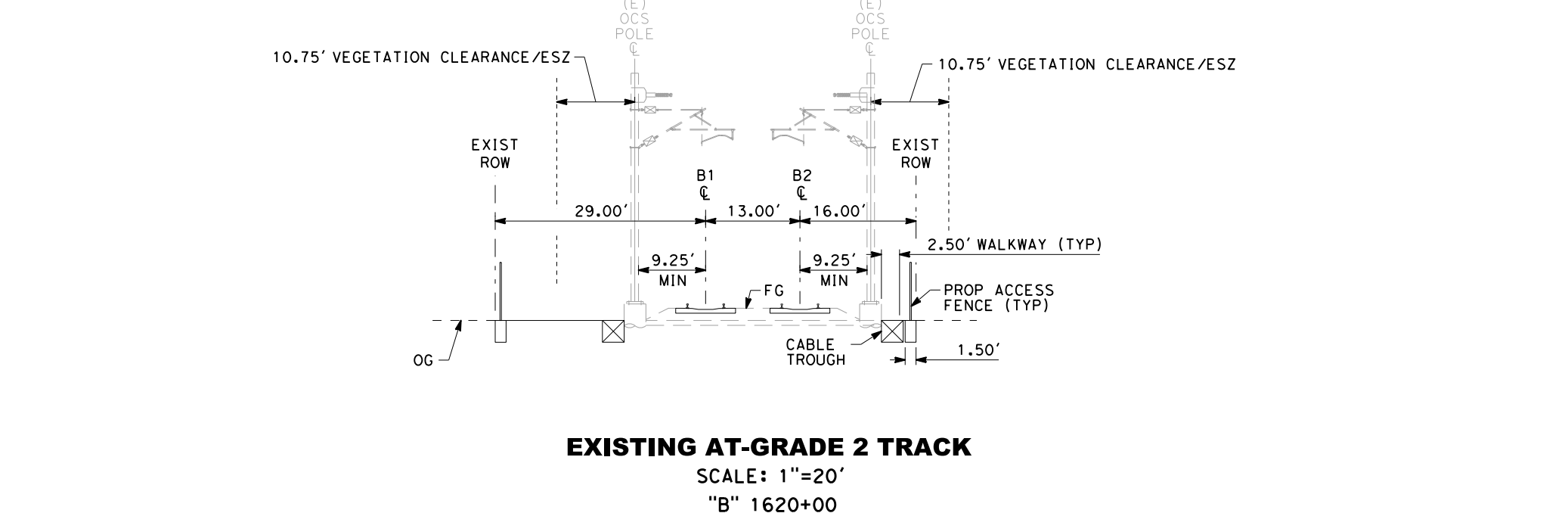


AT-GRADE 2 TRACK SHIFT
SCALE: 1"=20'
"B" 1553+00

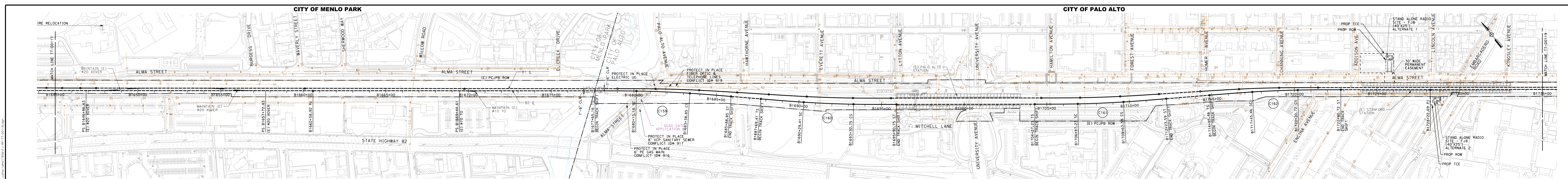
<p>2021 RECORD SET PERD NOVEMBER 30, 2021 NOT FOR CONSTRUCTION</p>	<p>HNTB 1111 Broadway 9th Floor Oakland, CA 94607</p>	<p>CALIFORNIA High-Speed Rail Authority</p>	<p>CALIFORNIA HIGH-SPEED TRAIN PROJECT SAN FRANCISCO TO SAN JOSE ALTERNATIVE A COMPOSITE PLAN, PROFILE AND TYPICAL SECTIONS B1465+00 TO B1555+00</p>	<p>CONTRACT NO. HSR15-34 DRAWING NO. TT-D0116 SCALE AS SHOWN SHEET NO.</p>
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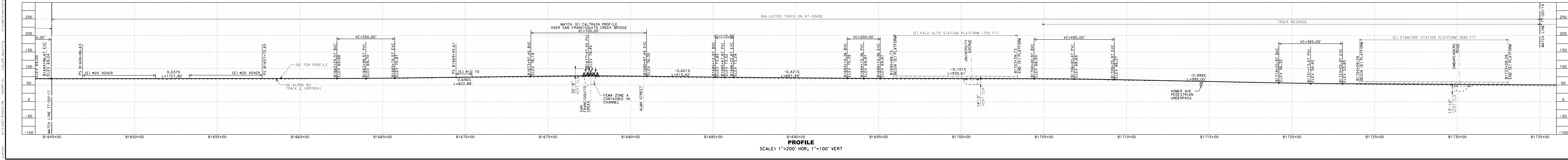
SAN FRANCISCO TO SAN JOSE EIRIS: VOLUME III
ALTERNATIVE A
BOOK A2
SHEET 17 OF 106



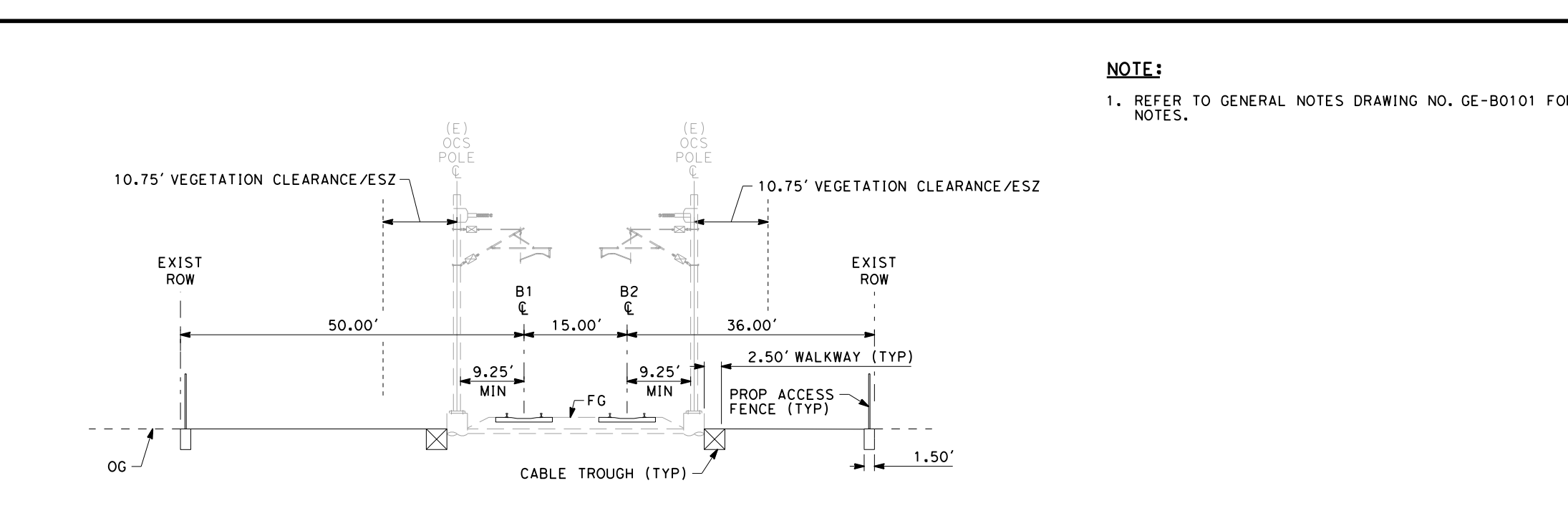
NOTE:
1. REFER TO GENERAL NOTES DRAWING NO. GE-B0101 FOR NOTES.



PLAN
SCALE: 1"=200'

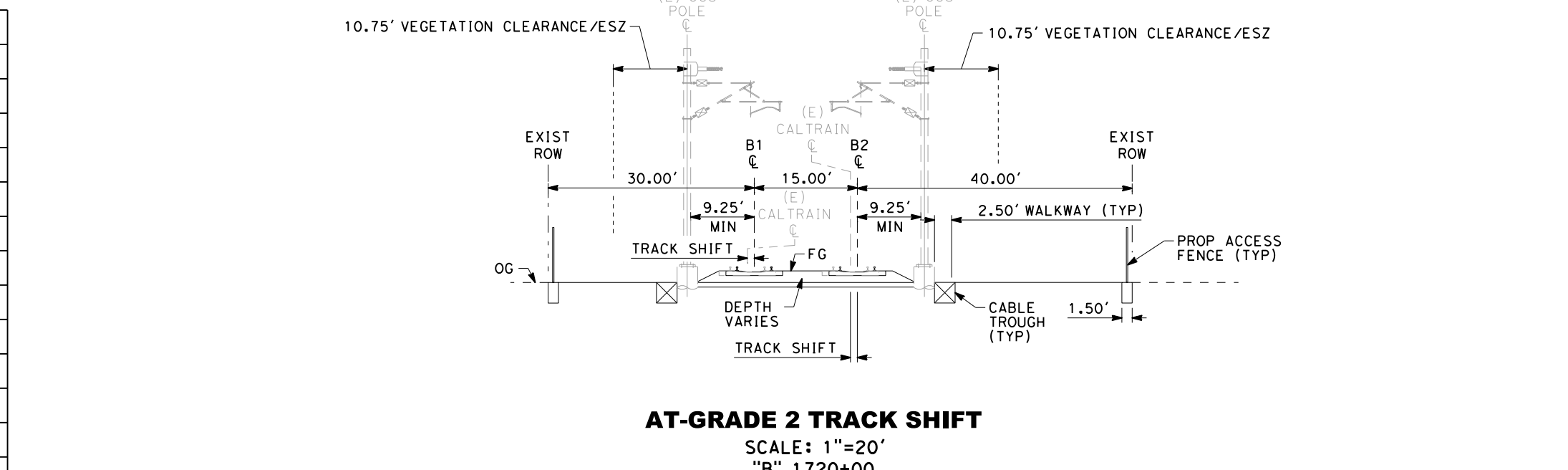


PROFILE
SCALE: 1"=200' HOR, 1"=100' VERT



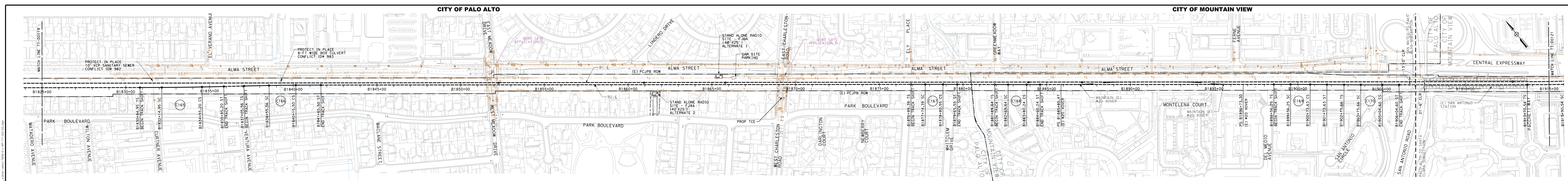
EXISTING AT-GRADE 2 TRACK
SCALE: 1"=20'
"B" 1660+00

SAN FRANCISCO TO SAN JOSE EIRs: VOLUME III
ALTERNATE A
BOOK A2
SHEET 18 OF 106

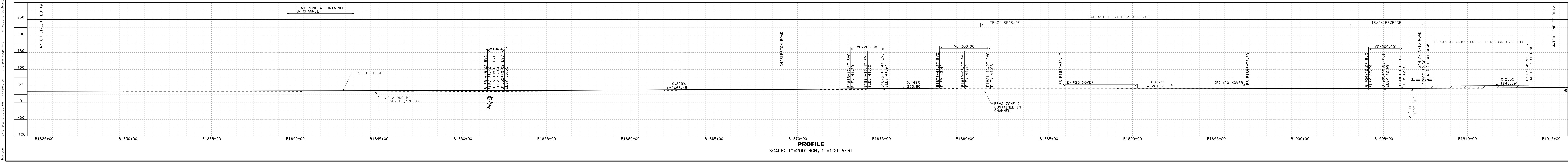


AT-GRADE 2 TRACK SHIFT
SCALE: 1"=20'
"B" 1720+00

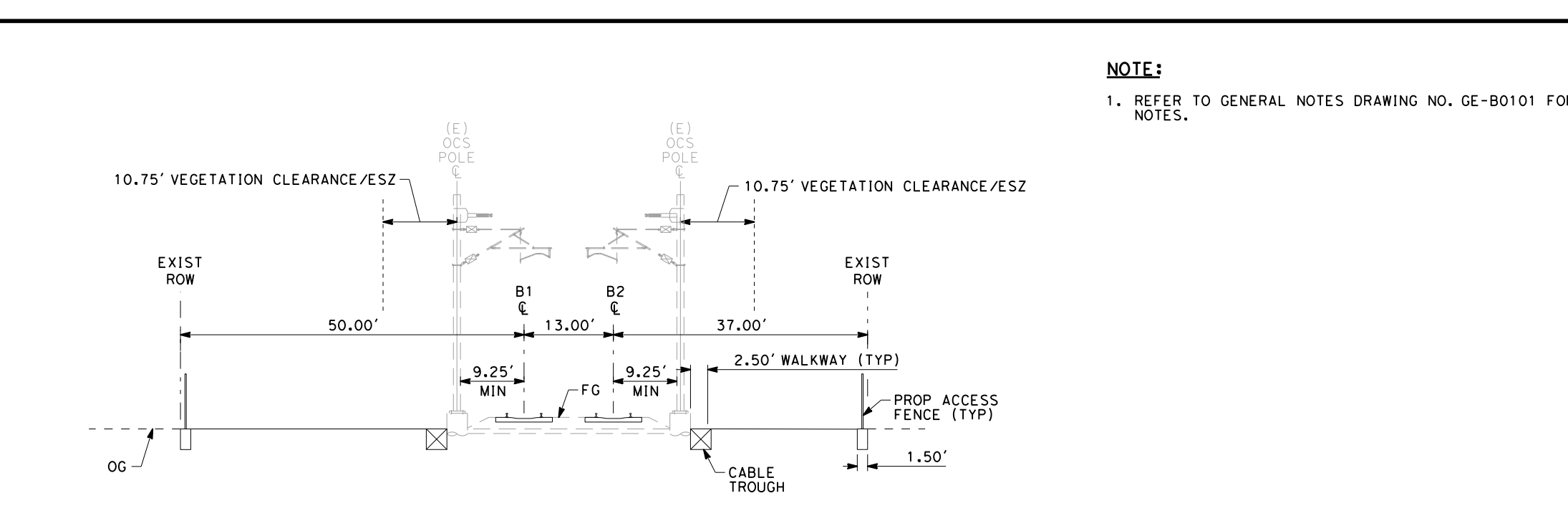
NOTE:
1. REFER TO GENERAL NOTES DRAWING NO. GE-B0101 FOR NOTES.



PLAN
SCALE: 1"=200'

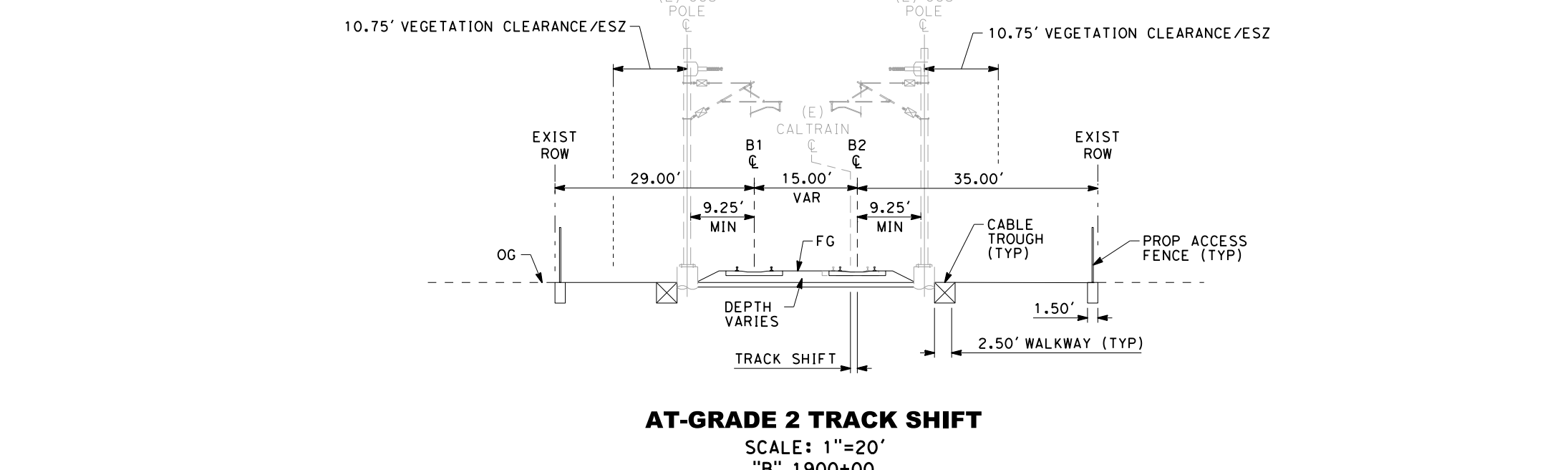


PROFILE
SCALE: 1"=200' HOR, 1"=100' VERT



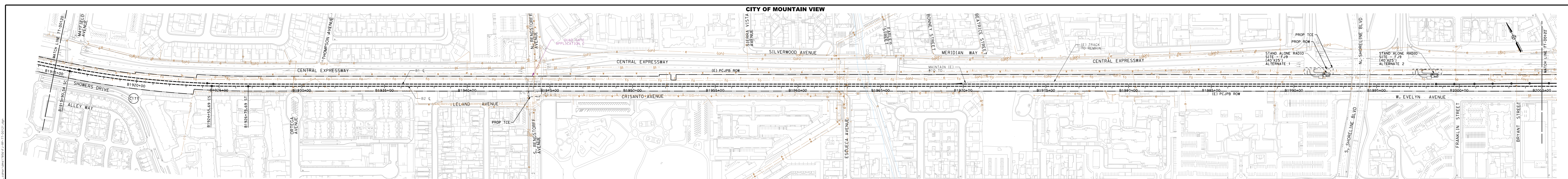
EXISTING AT-GRADE 2 TRACK
SCALE: 1"=20'
"B" 1855+00

SAN FRANCISCO TO SAN JOSE EIRIS: VOLUME III
ALTERNATIVE A
BOOK A2
SHEET 20 OF 106

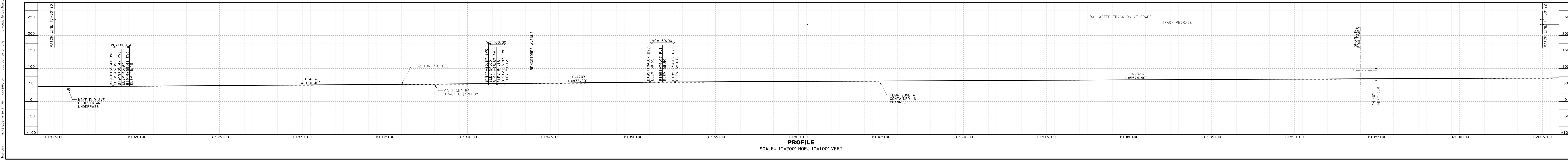


AT-GRADE 2 TRACK SHIFT
SCALE: 1"=20'
"B" 1900+00

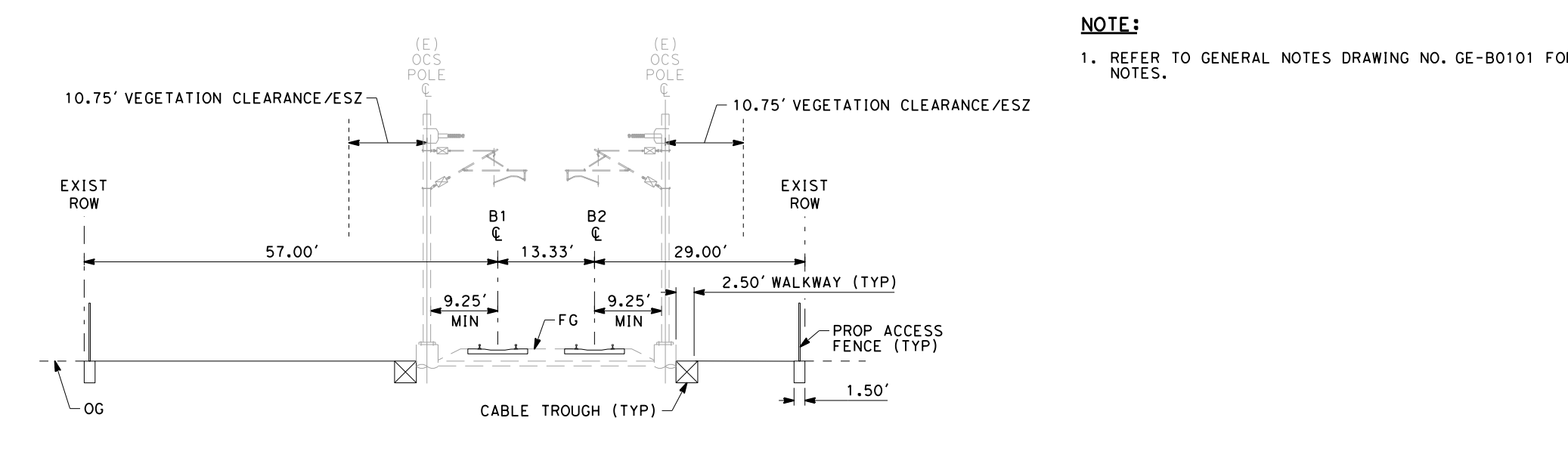
2021 RECORD SET PERD NOVEMBER 30, 2021 NOT FOR CONSTRUCTION	HNTB 1111 Broadway 9th Floor Oakland, CA 94607	CALIFORNIA High-Speed Rail Authority	CALIFORNIA HIGH-SPEED TRAIN PROJECT SAN FRANCISCO TO SAN JOSE ALTERNATIVE A COMPOSITE PLAN, PROFILE AND TYPICAL SECTIONS B1825+00 TO B1915+00	CONTRACT NO. HSR15-34 DRAWING NO. TT-D0120 SCALE AS SHOWN SHEET NO.
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PLAN
SCALE: 1"=200'



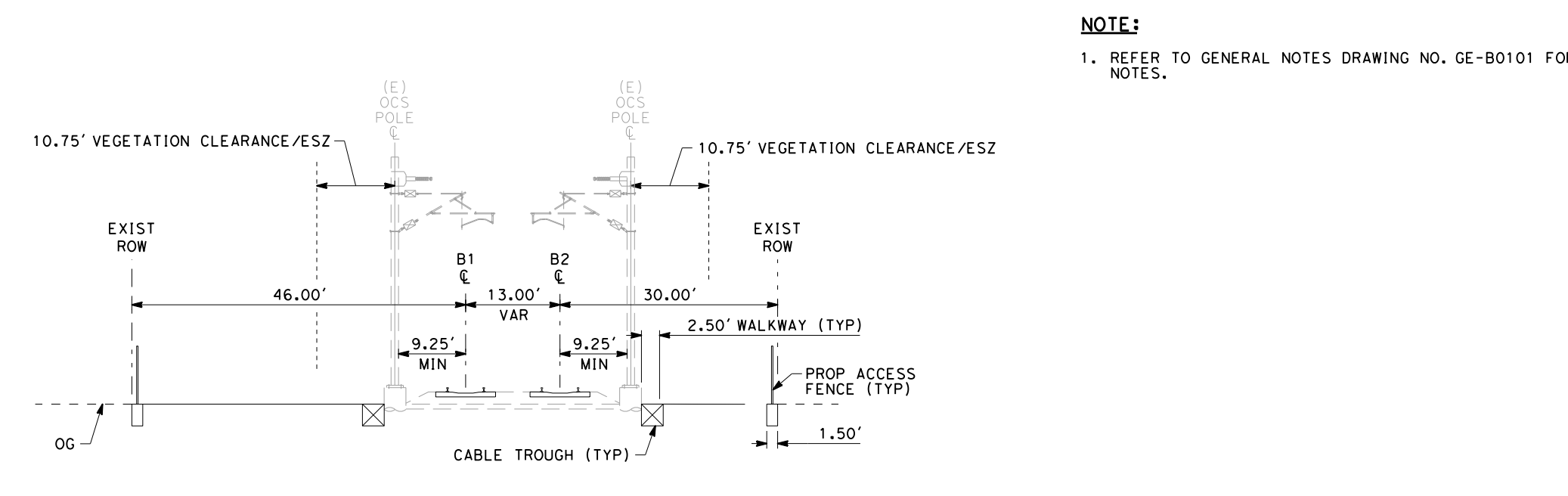
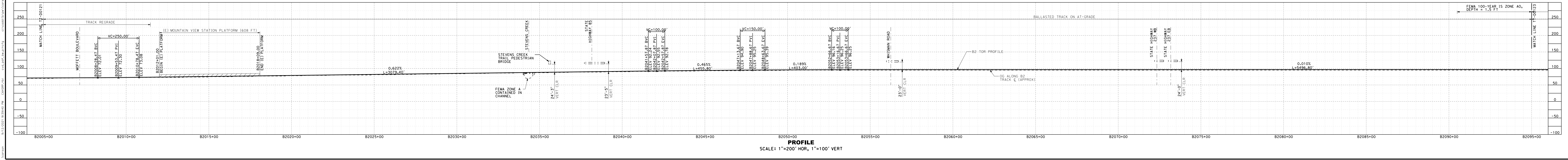
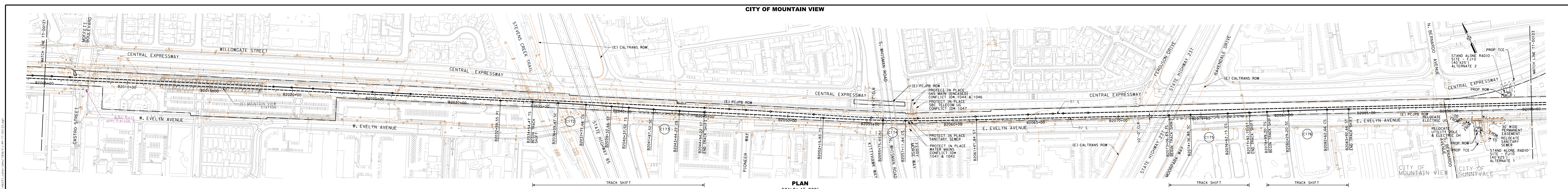
PROFILE
SCALE: 1"=200' HOR, 1"=100' VERT



EXISTING AT-GRADE 2 TRACK
SCALE: 1"=20'
"B" 1955+00

SAN FRANCISCO TO SAN JOSE EIRIS: VOLUME III
ALTERNATIVE A
BOOK A2
SHEET 21 OF 106

2021 RECORD SET PERD NOVEMBER 30, 2021 NOT FOR CONSTRUCTION	HNTB 1111 Broadway 9th Floor Oakland, CA 94607	CALIFORNIA High-Speed Rail Authority	CALIFORNIA HIGH-SPEED TRAIN PROJECT SAN FRANCISCO TO SAN JOSE ALTERNATIVE A COMPOSITE PLAN, PROFILE AND TYPICAL SECTIONS B1915+00 TO B2005+00	CONTRACT NO. HSR15-34 DRAWING NO. TT-D0121 SCALE AS SHOWN SHEET NO.
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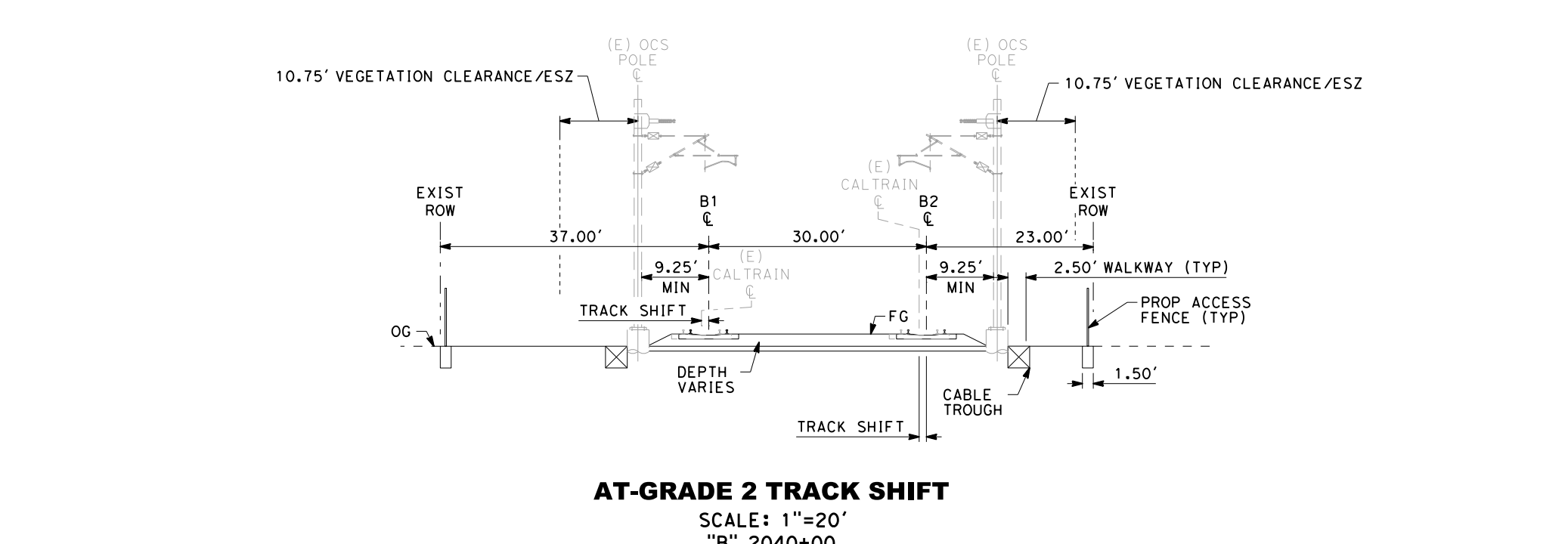


SAN FRANCISCO TO SAN JOSE EIR/S: VOLUME III

ALTERNATE A

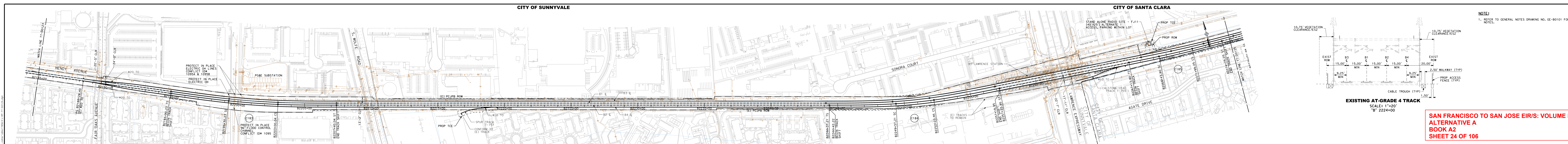
BOOK A2

SHEET 22 OF 106

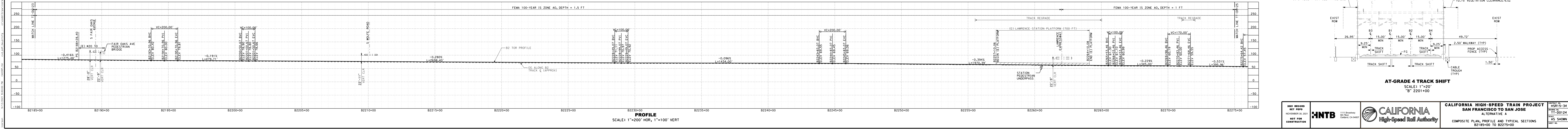


NOTE:

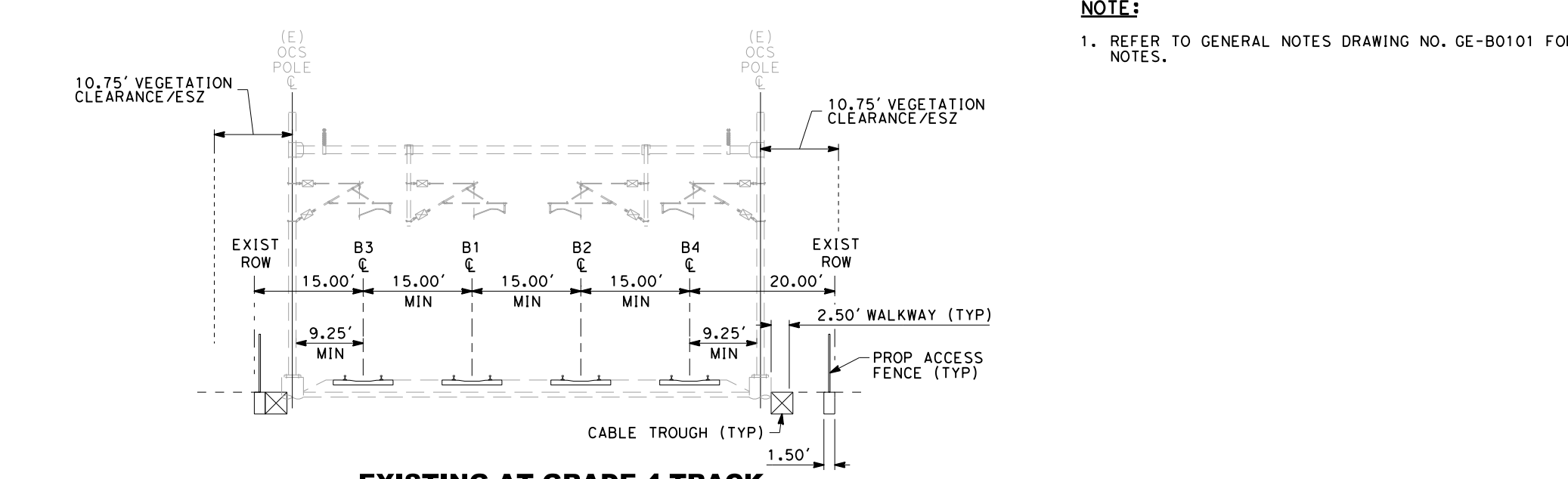
1. REFER TO GENERAL NOTES DRAWING NO. GE-B0101 FOR NOTES.



PLAN
SCALE: 1"=200'

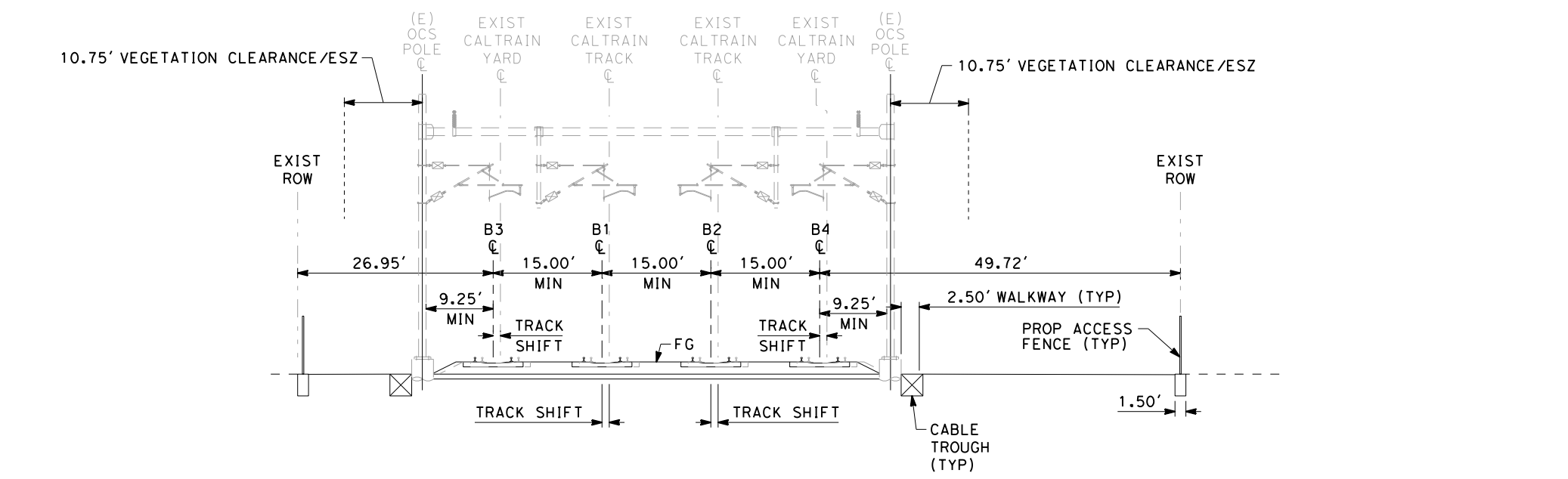


PROFILE
SCALE: 1"=200' HOR, 1"=100' VERT



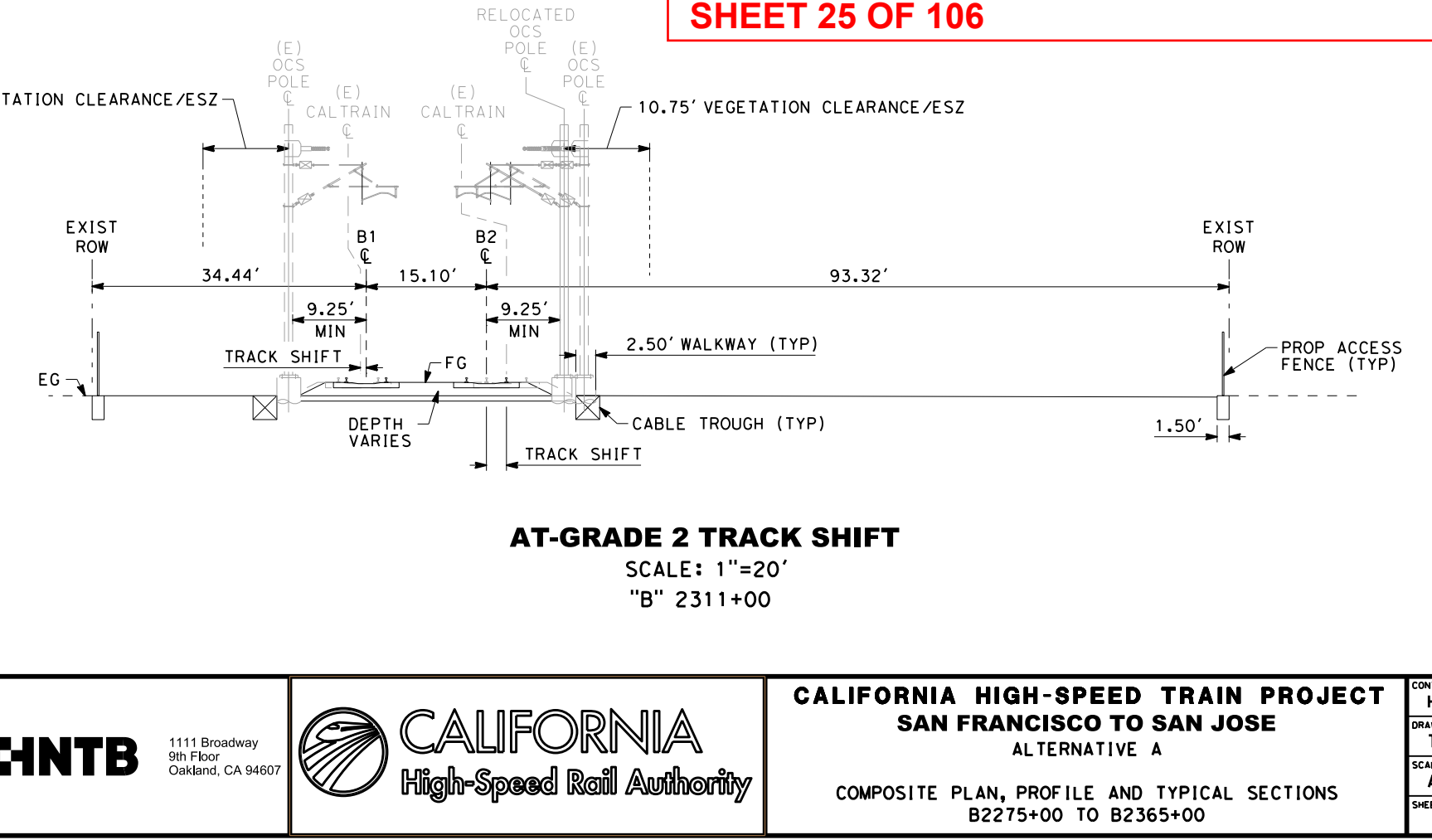
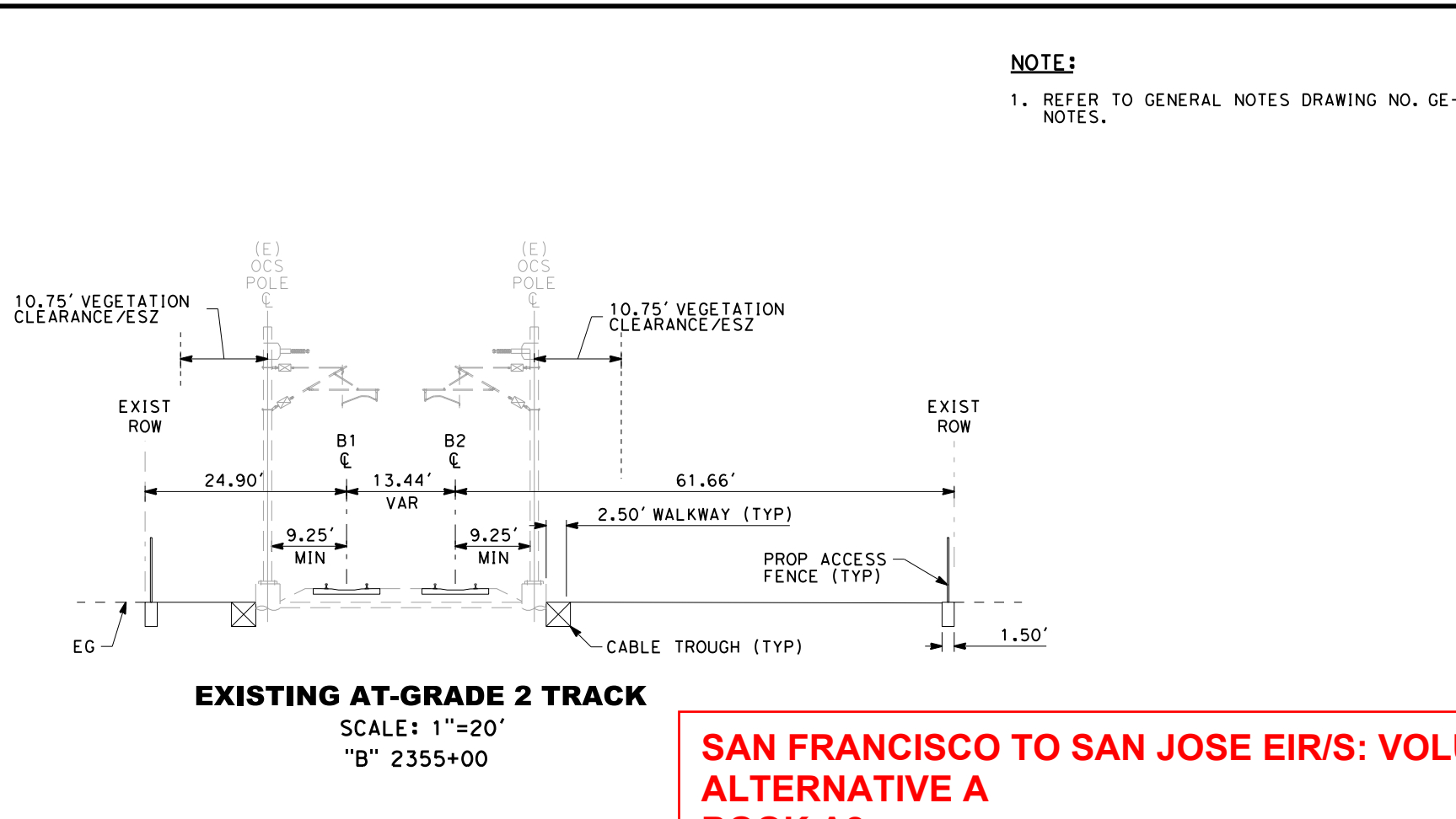
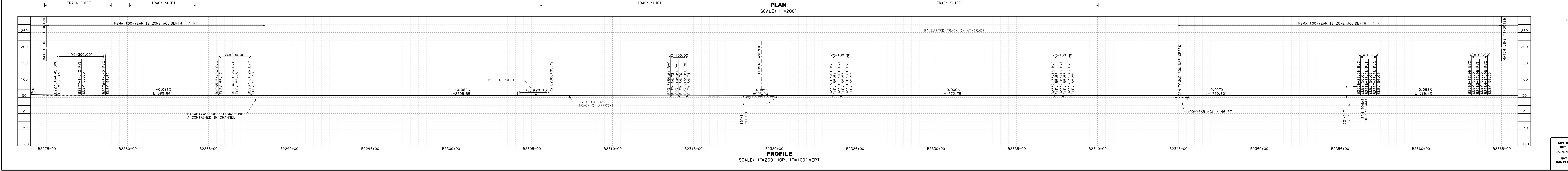
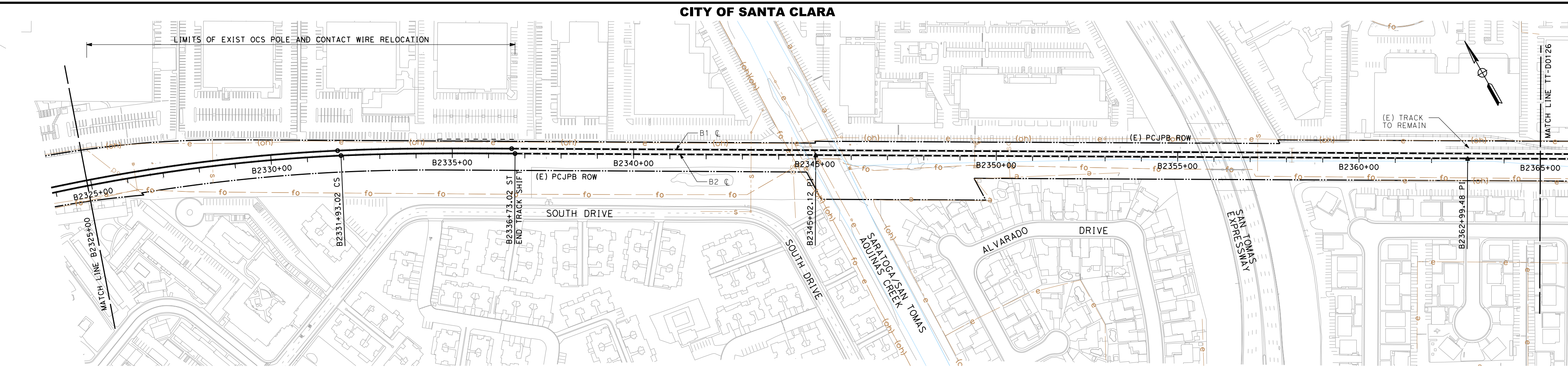
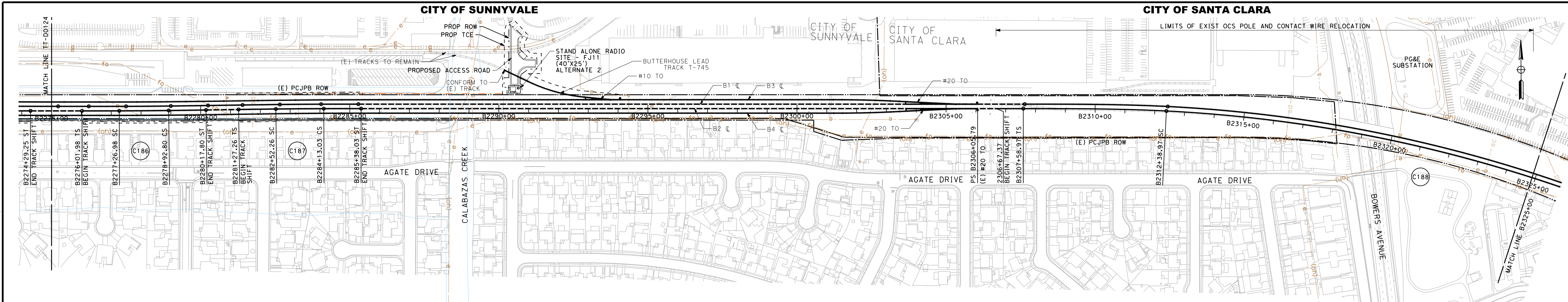
EXISTING AT-GRADE 4 TRACK
SCALE: 1"=20'
"B" 2224+00

**SAN FRANCISCO TO SAN JOSE EIRs: VOLUME III
ALTERNATIVE A
BOOK A2
SHEET 24 OF 106**



AT-GRADE 4 TRACK SHIFT
SCALE: 1"=20'
"B" 2201+00

NOTE:
1. REFER TO GENERAL NOTES DRAWING NO. GE-B0101 FOR NOTES.



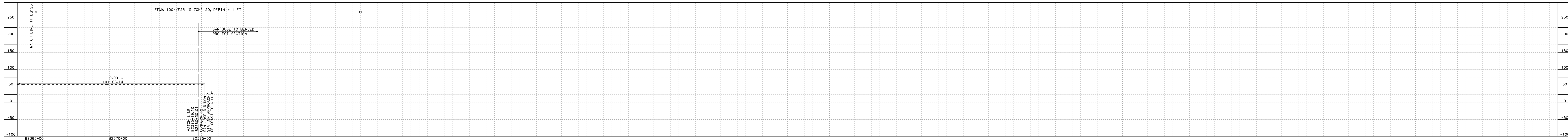
NOTE:
1. REFER TO GENERAL NOTES DRAWING NO. GE-B0101 FOR NOTES.

**SAN FRANCISCO TO SAN JOSE EIR/S: VOLUME III
ALTERNATIVE A
BOOK A2
SHEET 25 OF 106**

CITY OF SANTA CLARA



PLAN
SCALE: 1"=200'



PROFILE
SCALE: 1"=200' HOR, 1"=100' VERT

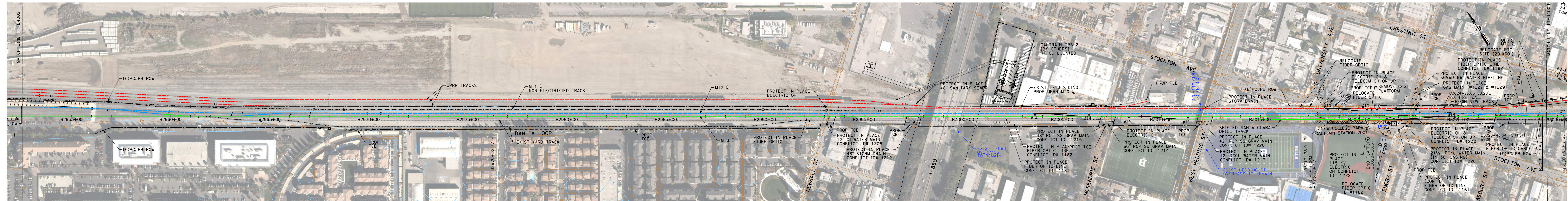
NOTE:
1. REFER TO GENERAL NOTES DRAWING NOS. GE-B0001 AND GE-B0002 FOR NOTES.

SAN FRANCISCO TO SAN JOSE EIR/S: VOLUME III
ALTERNATIVE A
BOOK A2
SHEET 26 OF 106

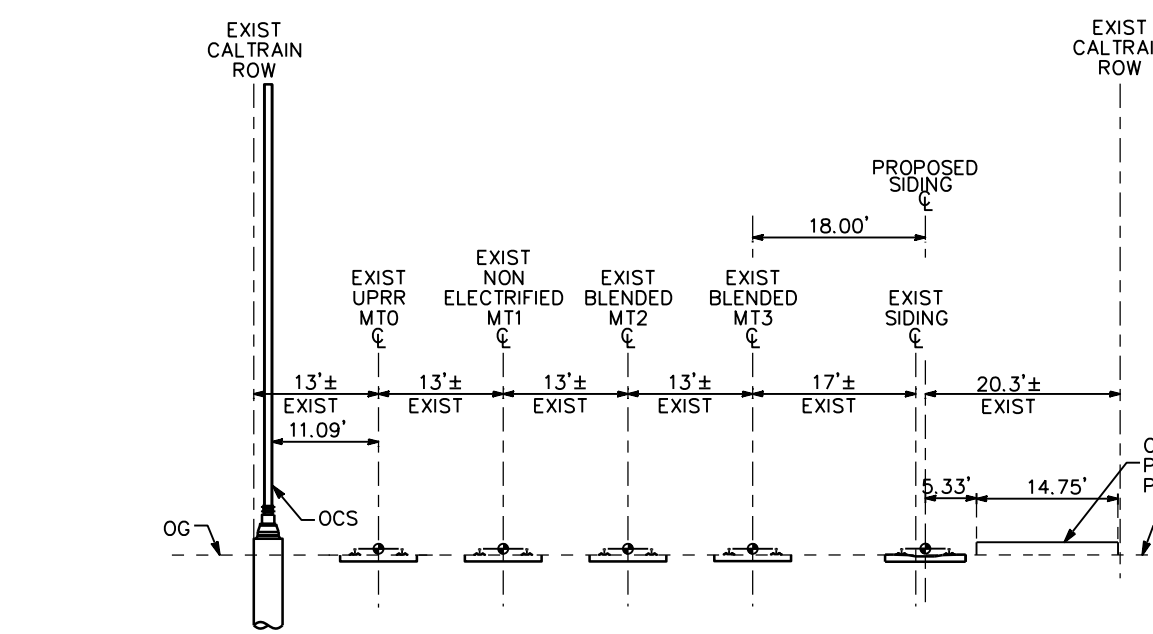
<p>2021 RECORD SET PERD NOVEMBER 30, 2021 NOT FOR CONSTRUCTION</p>	<p>HNTB 1111 Broadway 9th Floor Oakland, CA 94607</p>	<p>CALIFORNIA High-Speed Rail Authority</p>	<p>CALIFORNIA HIGH-SPEED TRAIN PROJECT SAN FRANCISCO TO SAN JOSE ALTERNATIVE A COMPOSITE PLAN, PROFILE AND TYPICAL SECTIONS B2365+00 TO B2375+00</p>	<p>CONTRACT NO. HSR15-34 DRAWING NO. TT-D0126 SCALE AS SHOWN SHEET NO.</p>
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CITY OF SANTA CLARA

CITY OF SAN JOSE



PLAN
SCALE: 1"=200'

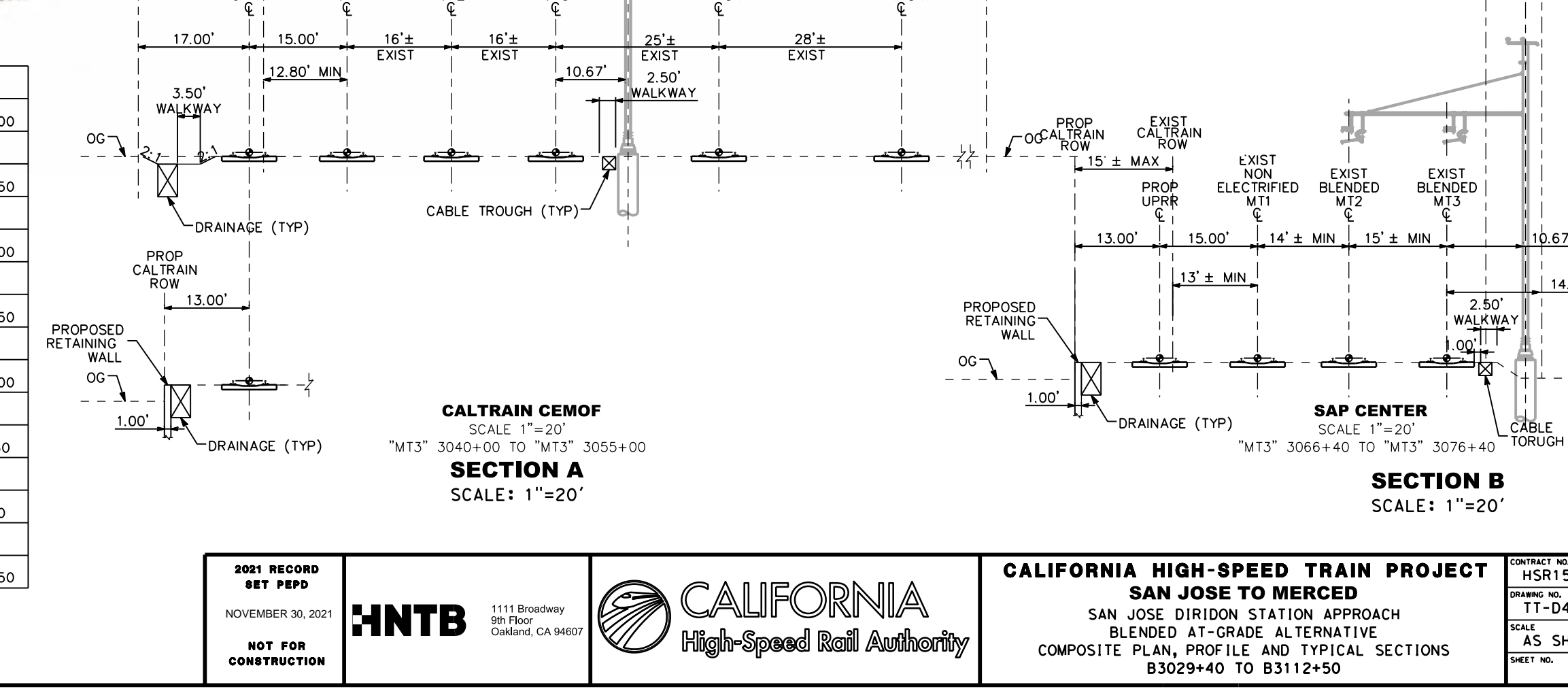
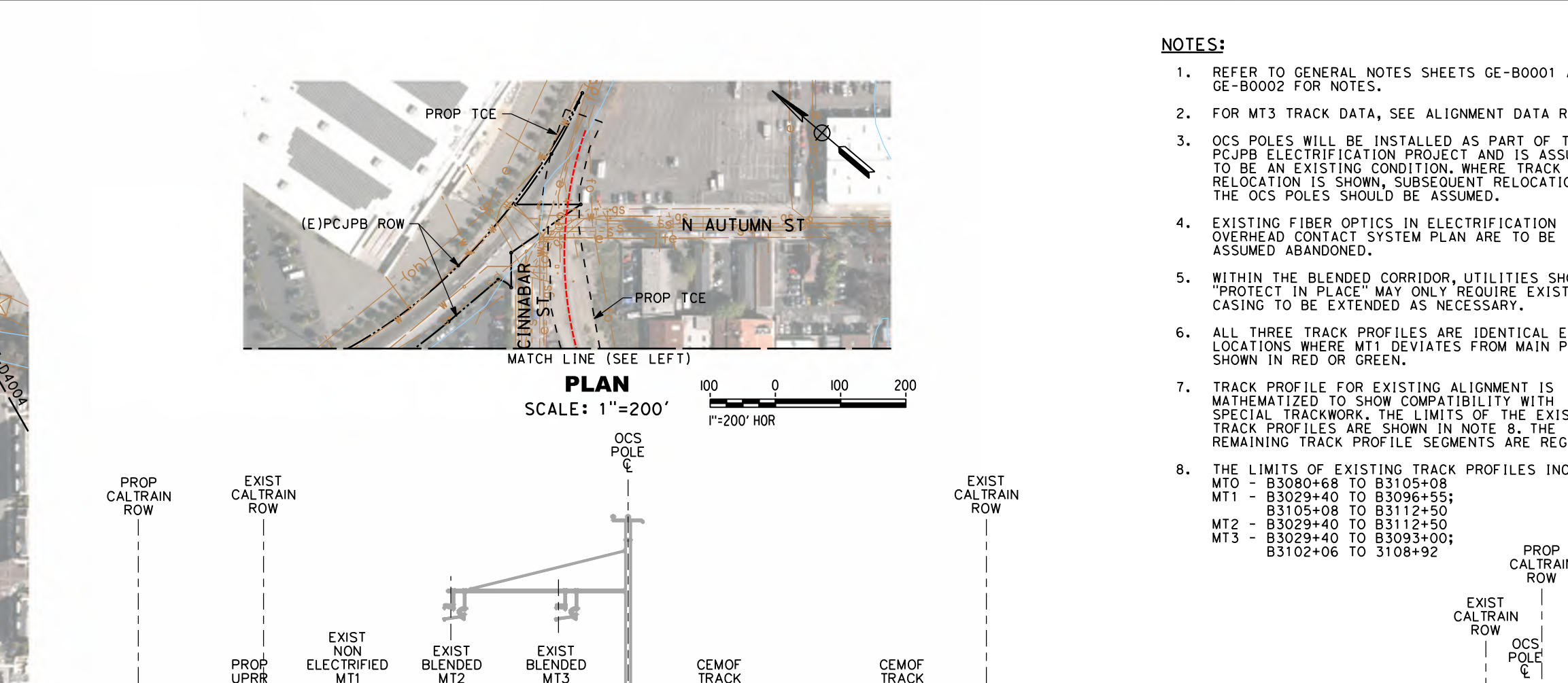
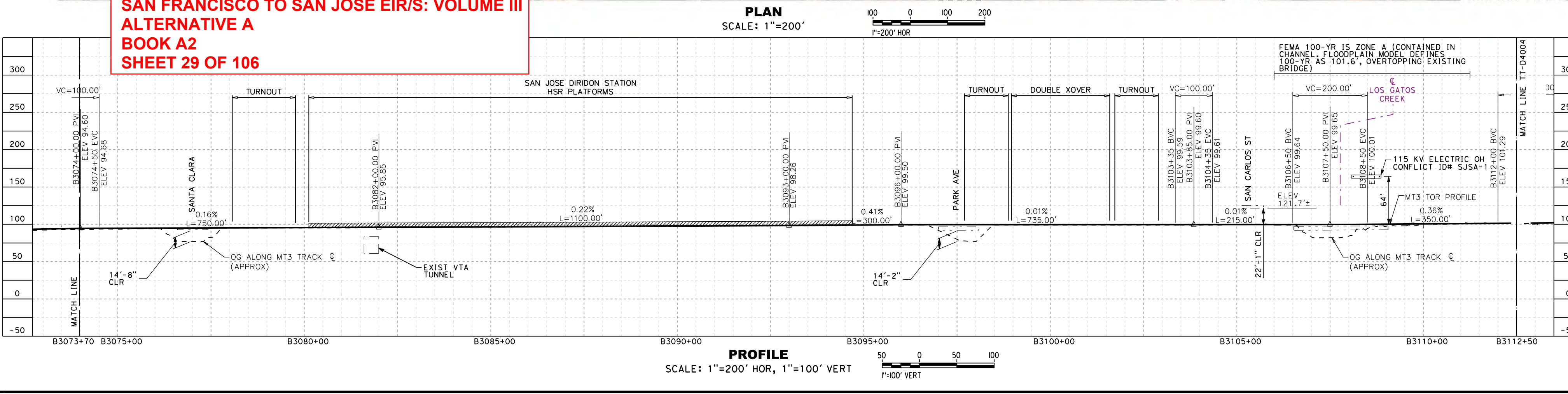
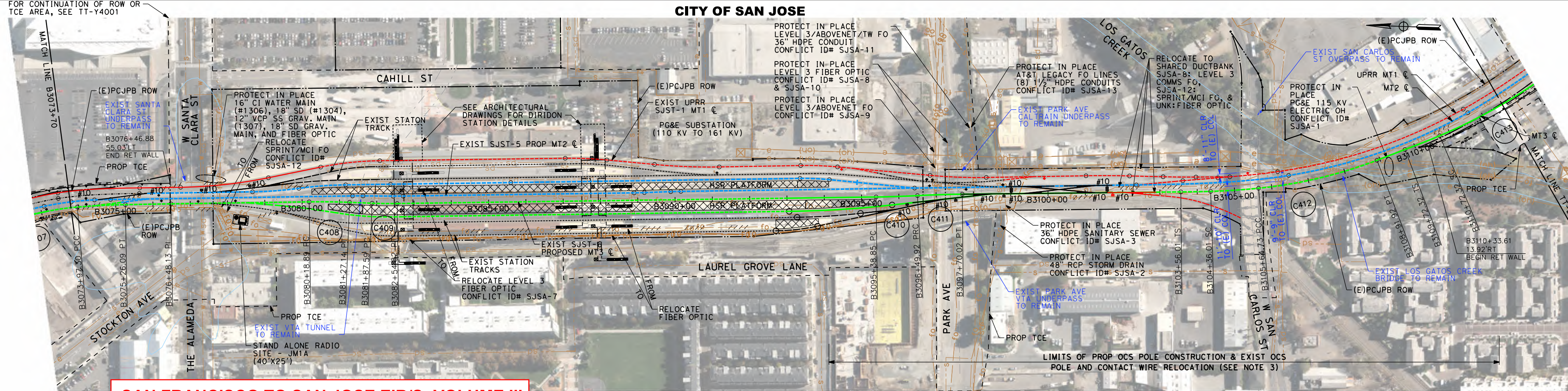
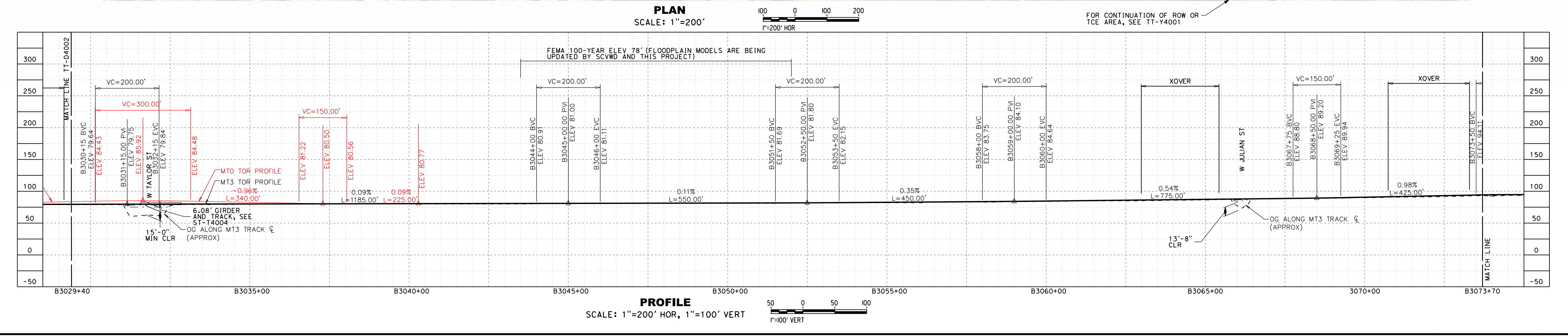
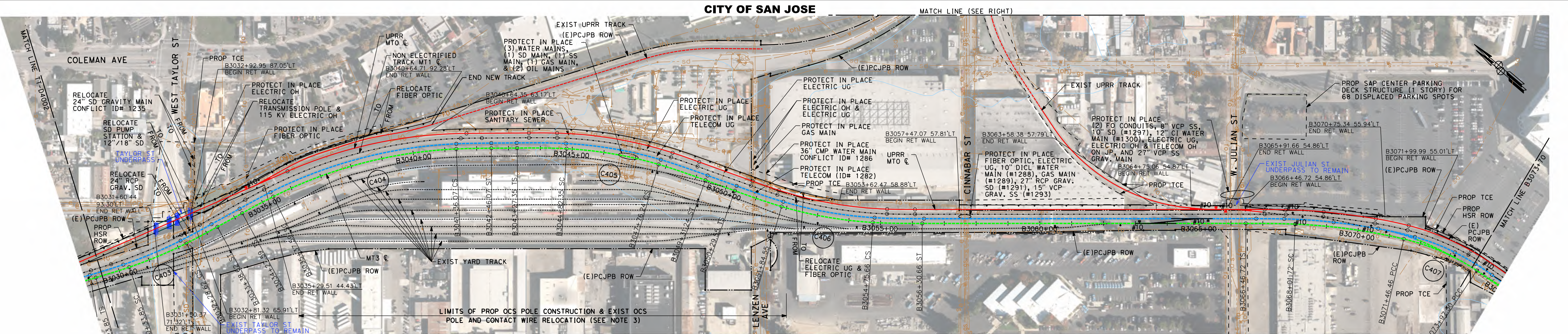


PROFILE
SCALE: 1"=200' HOR, 1"=100' VERT

- NOTES:**
- REFER TO GENERAL NOTES SHEETS GE-B0001 AND GE-B0002 FOR NOTES.
 - FOR MT3 TRACK DATA, SEE ALIGNMENT DATA REPORT.
 - OCS POLES WILL BE INSTALLED AS PART OF THE PCJPB ELECTRIFICATION PROJECT AND IS ASSUMED TO BE AN EXISTING CONDITION, WHERE TRACK RELOCATION IS SHOWN, SUBSEQUENT RELOCATION OF THE OCS POLES SHOULD BE ASSUMED.
 - EXISTING FIBER OPTICS IN ELECTRIFICATION OVERHEAD CONTACT SYSTEM PLAN ARE TO BE ASSUMED ABANDONED.
 - WITHIN THE BLENDED CORRIDOR, UTILITIES SHOWN AS "PROTECT IN PLACE" MAY ONLY REQUIRE EXISTING CASING TO BE EXTENDED AS NECESSARY.
 - ALL TRACK PROFILES MATCH THE MAINLINE PROFILE, EXCEPT WHERE OTHERWISE SHOWN.
 - TRACK PROFILE FOR EXISTING ALIGNMENT IS MATHEMATIZED TO SHOW COMPATIBILITY WITH SPECIAL TRACKWORK. THE LIMITS OF THE EXISTING TRACK PROFILES ARE SHOWN IN NOTE 8. THE REMAINING TRACK PROFILE SEGMENTS ARE REGRADED.
 - THE LIMITS OF EXISTING TRACK PROFILES INCLUDE:
MT0 - B2952+50 TO B3020+50
MT1 - B2952+50 TO B3029+40
MT2 - B2952+50 TO B3029+40
MT3 - B2952+50 TO B3029+40

SAN FRANCISCO TO SAN JOSE EIR/S: VOLUME III
ALTERNATIVE A
BOOK A2
SHEET 28 OF 106

2021 RECORD SET PERD NOVEMBER 30, 2021 NOT FOR CONSTRUCTION	HNTB 1111 Broadway 9th Floor Oakland, CA 94607	CALIFORNIA High-Speed Rail Authority	CALIFORNIA HIGH-SPEED TRAIN PROJECT SAN JOSE TO MERCED SAN JOSE DIRIDON STATION APPROACH BLENDED AT-GRADE ALTERNATIVE COMPOSITE PLAN, PROFILE AND TYPICAL SECTIONS B2952+50 TO B3029+40	CONTRACT NO. HSR15-34 DRAWING NO. TT-D4002 SCALE AS SHOWN SHEET NO.
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- NOTES:**
- REFER TO GENERAL NOTES SHEETS GE-B0001 AND GE-B0002 FOR NOTES.
 - FOR MT3 TRACK DATA, SEE ALIGNMENT DATA REPORT.
 - OCS POLES WILL BE INSTALLED AS PART OF THE PCJPB ELECTRIFICATION PROJECT AND IS ASSUMED TO BE AN EXISTING CONDITION, WHERE TRACK RELOCATION IS SHOWN, SUBSEQUENT RELOCATION OF THE OCS POLES SHOULD BE ASSUMED.
 - EXISTING FIBER OPTICS IN ELECTRIFICATION OVERHEAD CONTACT SYSTEM PLAN ARE TO BE ASSUMED ABANDONED.
 - WITHIN THE BLENDED CORRIDOR, UTILITIES SHOWN AS "PROTECT IN PLACE" MAY ONLY REQUIRE EXISTING CASING TO BE EXTENDED AS NECESSARY.
 - ALL THREE TRACK PROFILES ARE IDENTICAL EXCEPT LOCATIONS WHERE MT1 DEVIATES FROM MAIN PROFILE SHOWN IN RED OR GREEN.
 - TRACK PROFILE FOR EXISTING ALIGNMENT IS MATHEMATIZED TO SHOW COMPATIBILITY WITH SPECIAL TRACKWORK. THE LIMITS OF THE EXISTING TRACK PROFILES ARE SHOWN IN NOTE 8. THE REMAINING TRACK PROFILE SEGMENTS ARE REGRADED.
 - THE LIMITS OF EXISTING TRACK PROFILES INCLUDE:
 MT1 - B3029+40 TO B3096+55;
 MT2 - B3105+08 TO B3112+50;
 MT3 - B3029+40 TO B3093+00;
 B3102+06 TO B3108+92

**SAN FRANCISCO TO SAN JOSE EIR/S: VOLUME III
 ALTERNATIVE A
 BOOK A2
 SHEET 29 OF 106**

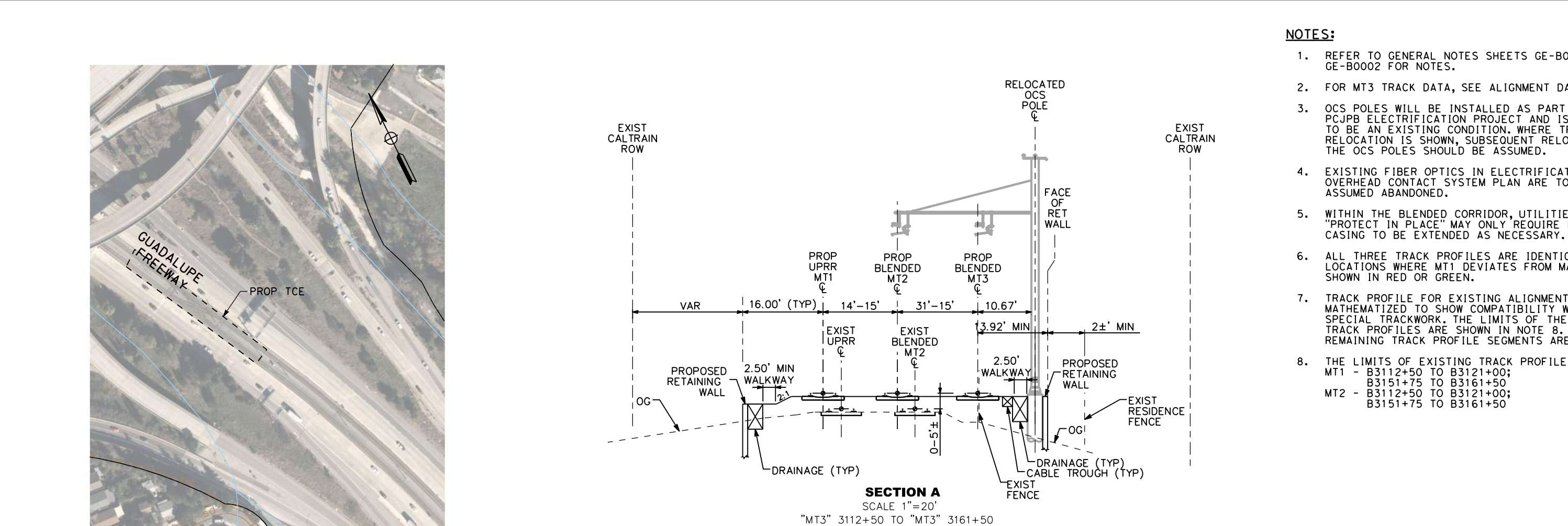
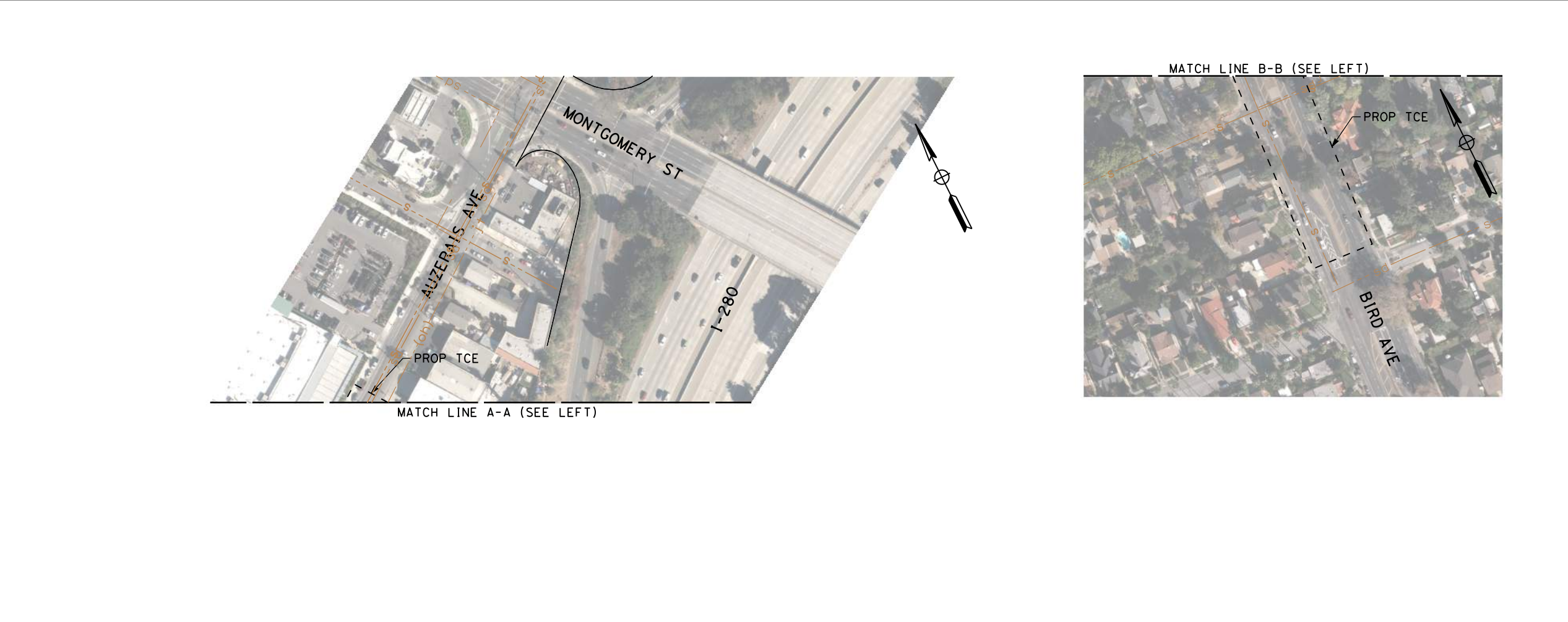
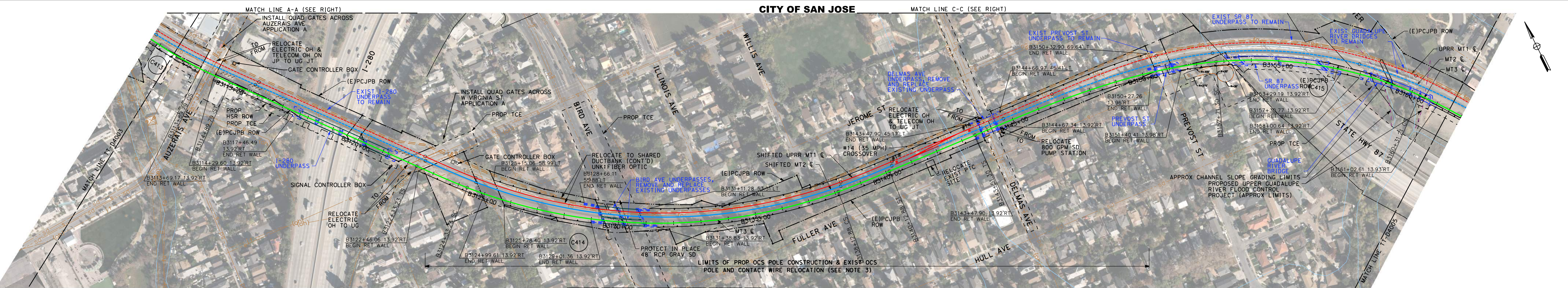
2021 RECORD SET PERM
 NOVEMBER 30, 2021
 NOT FOR CONSTRUCTION

HNTB
 1111 Broadway
 9th Floor
 Oakland, CA 94607

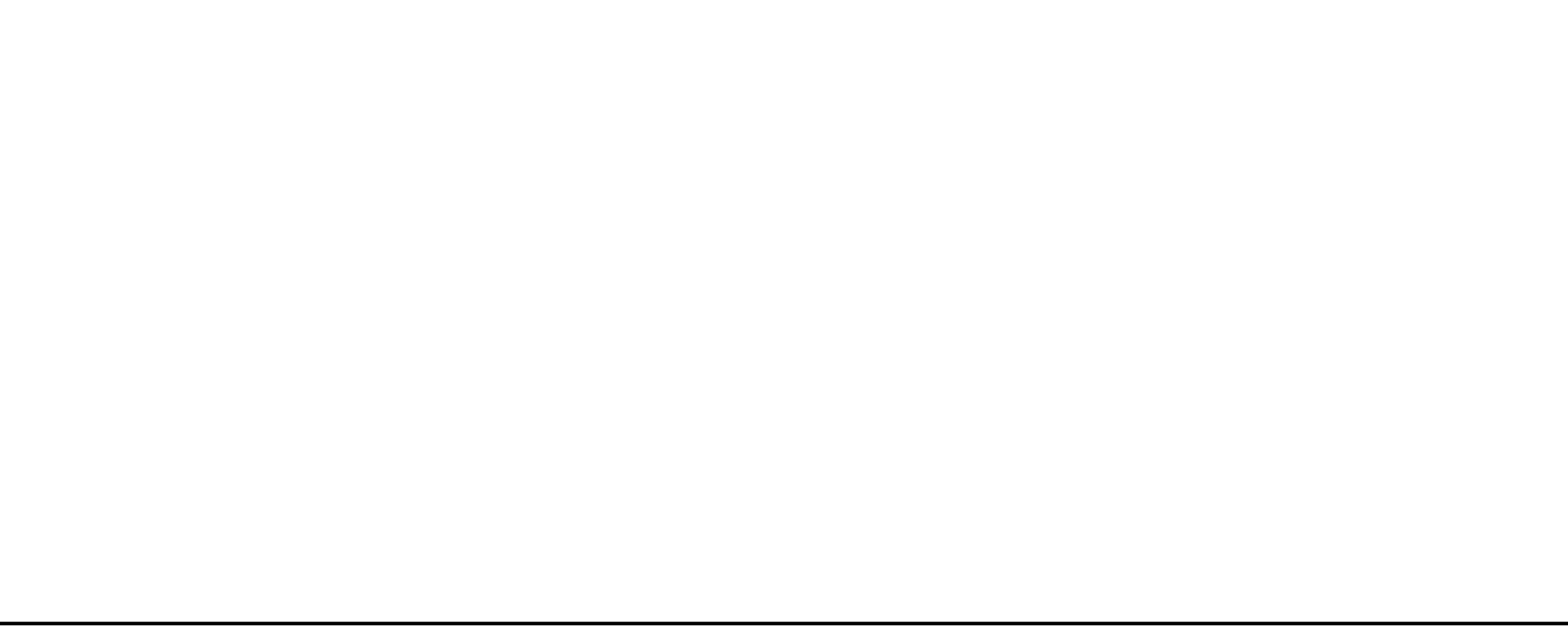
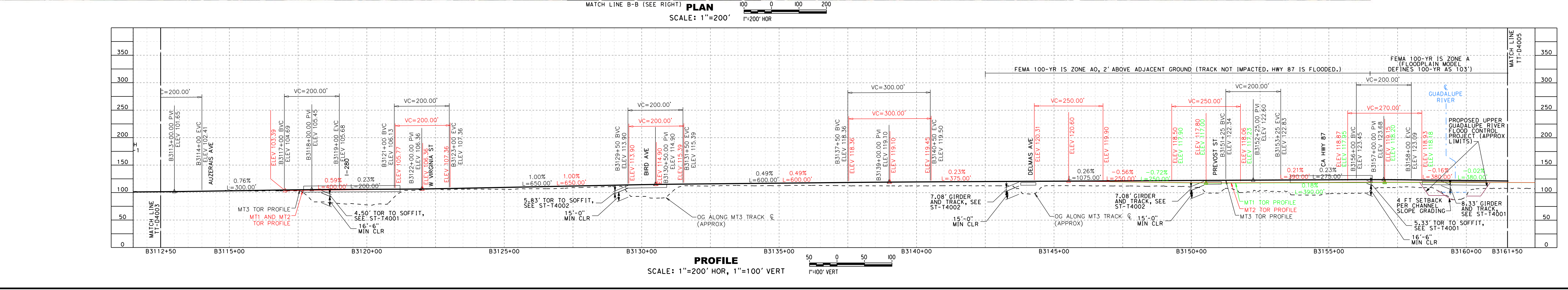
CALIFORNIA High-Speed Rail Authority

CALIFORNIA HIGH-SPEED TRAIN PROJECT
SAN JOSE TO MERCED
 SAN JOSE DIRIDON STATION APPROACH
 BLENDED AT-GRADE ALTERNATIVE
 COMPOSITE PLAN, PROFILE AND TYPICAL SECTIONS
 B3029+40 TO B3112+50

CONTRACT NO. HSR15-34
 DRAWING NO. TT-D4003
 SCALE: AS SHOWN
 SHEET NO.

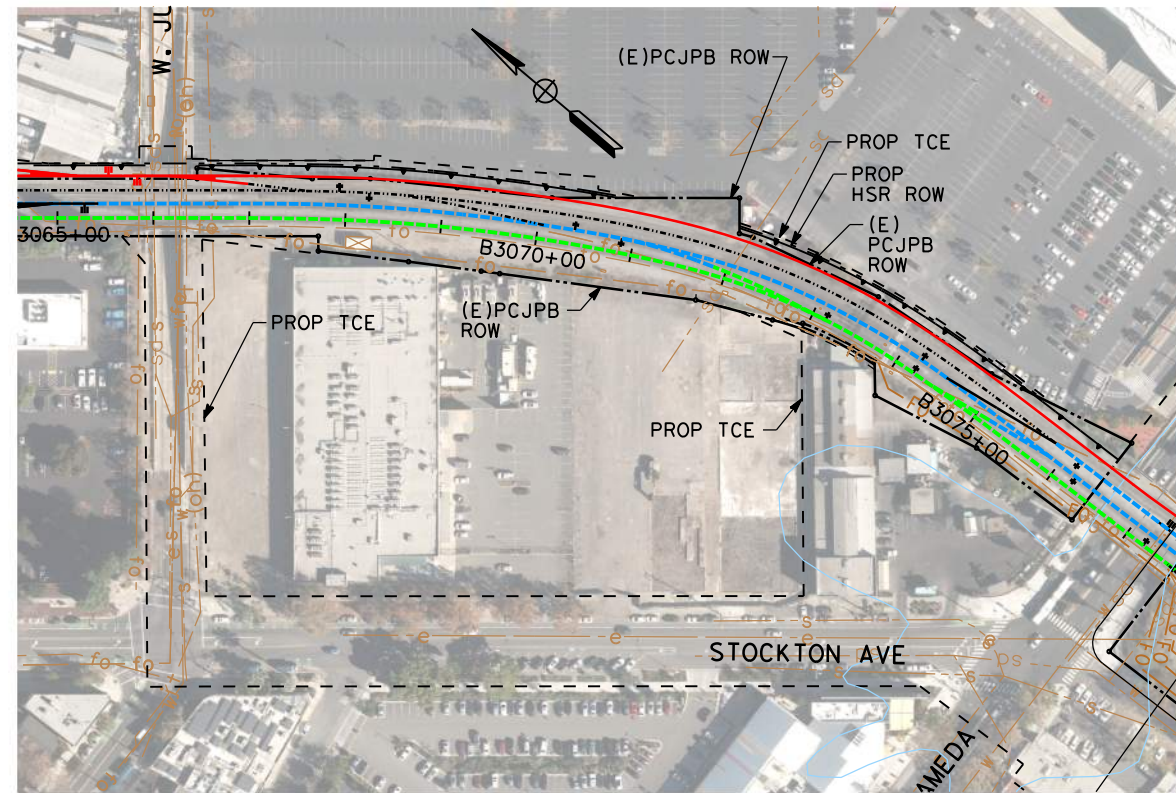


- NOTES:**
- REFER TO GENERAL NOTES SHEETS GE-B0001 AND GE-B0002 FOR NOTES.
 - FOR MT3 TRACK DATA, SEE ALIGNMENT DATA REPORT.
 - OCS POLES WILL BE INSTALLED AS PART OF THE PCJPB ELECTRIFICATION PROJECT AND IS ASSUMED TO BE AN EXISTING CONDITION, WHERE TRACK RELOCATION IS SHOWN, SUBSEQUENT RELOCATION OF THE OCS POLES SHOULD BE ASSUMED.
 - EXISTING FIBER OPTICS IN ELECTRIFICATION OVERHEAD CONTACT SYSTEM PLAN ARE TO BE ASSUMED ABANDONED.
 - WHEN THE BLENDED CORRIDOR, UTILITIES SHOWN AS "PROTECT IN PLACE" MAY ONLY REQUIRE EXISTING CASING TO BE EXTENDED AS NECESSARY.
 - ALL THREE TRACK PROFILES ARE IDENTICAL EXCEPT LOCATIONS WHERE MT1 DEVIATES FROM MAIN PROFILE SHOWN IN RED OR GREEN.
 - TRACK PROFILE FOR EXISTING ALIGNMENT IS MATHEMATIZED TO SHOW COMPATIBILITY WITH SPECIAL TRACKWORK. THE LIMITS OF THE EXISTING TRACK PROFILES ARE SHOWN IN NOTE 8. THE REMAINING TRACK PROFILE SEGMENTS ARE REGRADED.
 - THE LIMITS OF EXISTING TRACK PROFILES INCLUDE:
 MT1 - B3112+50 TO B3121+00;
 B3151+75 TO B3161+50;
 B3112+50 TO B3121+00;
 B3151+75 TO B3161+50

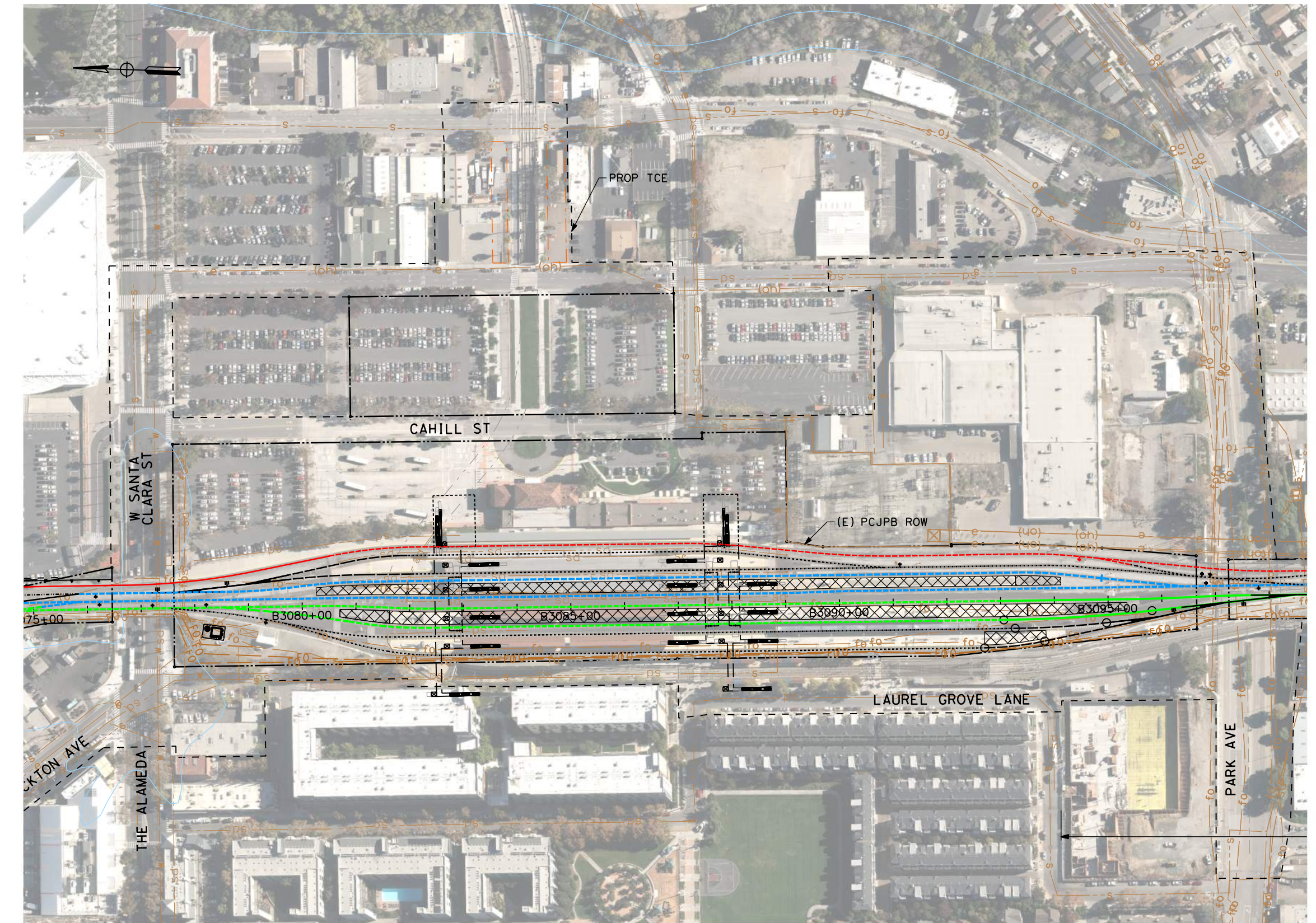


SAN FRANCISCO TO SAN JOSE EIR/S: VOLUME III
ALTERNATIVE A
BOOK A2
SHEET 31 OF 106

<p>2021 RECORD SET PERIOD NOVEMBER 30, 2021</p> <p>NOT FOR CONSTRUCTION</p>		<p>1111 Broadway 9th Floor Oakland, CA 94607</p>		<p>CALIFORNIA HIGH-SPEED TRAIN PROJECT SAN JOSE TO MERCED SAN JOSE DIRIDON STATION APPROACH BLENDED AT-GRADE ALTERNATIVE COMPOSITE PLAN, PROFILE AND TYPICAL SECTIONS B3112+50 TO B3161+50</p>	<p>CONTRACT NO. HSR15-34</p> <p>GRADING NO. TT-D4004</p> <p>SCALE AS SHOWN</p> <p>SHEET NO.</p>
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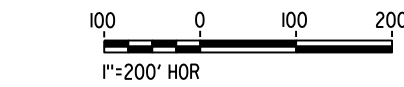
PROJECT BOUNDARY DETAIL
AT STA B3065+00 TO STA B3071+00



PROJECT BOUNDARY DETAIL
AT STA B3076+00 TO STA B3098+00

NOTES:
1. REFER TO GENERAL NOTES SHEETS GE-B0001 AND GE-B0002 FOR NOTES.

SAN FRANCISCO TO SAN JOSE EIR/S: VOLUME III
ALTERNATIVE A
BOOK A2
SHEET 34 OF 106



2021 RECORD SET PERD NOVEMBER 30, 2021 NOT FOR CONSTRUCTION		1111 Broadway 9th Floor Oakland, CA 94607		CALIFORNIA HIGH-SPEED TRAIN PROJECT SAN JOSE TO MERCED		CONTRACT NO. HSR15-34
				SAN JOSE DIRIDON STATION APPROACH MORGAN HILL AND GILROY BLENDED AT-GRADE ALTERNATIVE PROJECT BOUNDARY DETAILS		DRAWING NO. TT-Y4001-JM SCALE 1"=200' SHEET NO.

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