

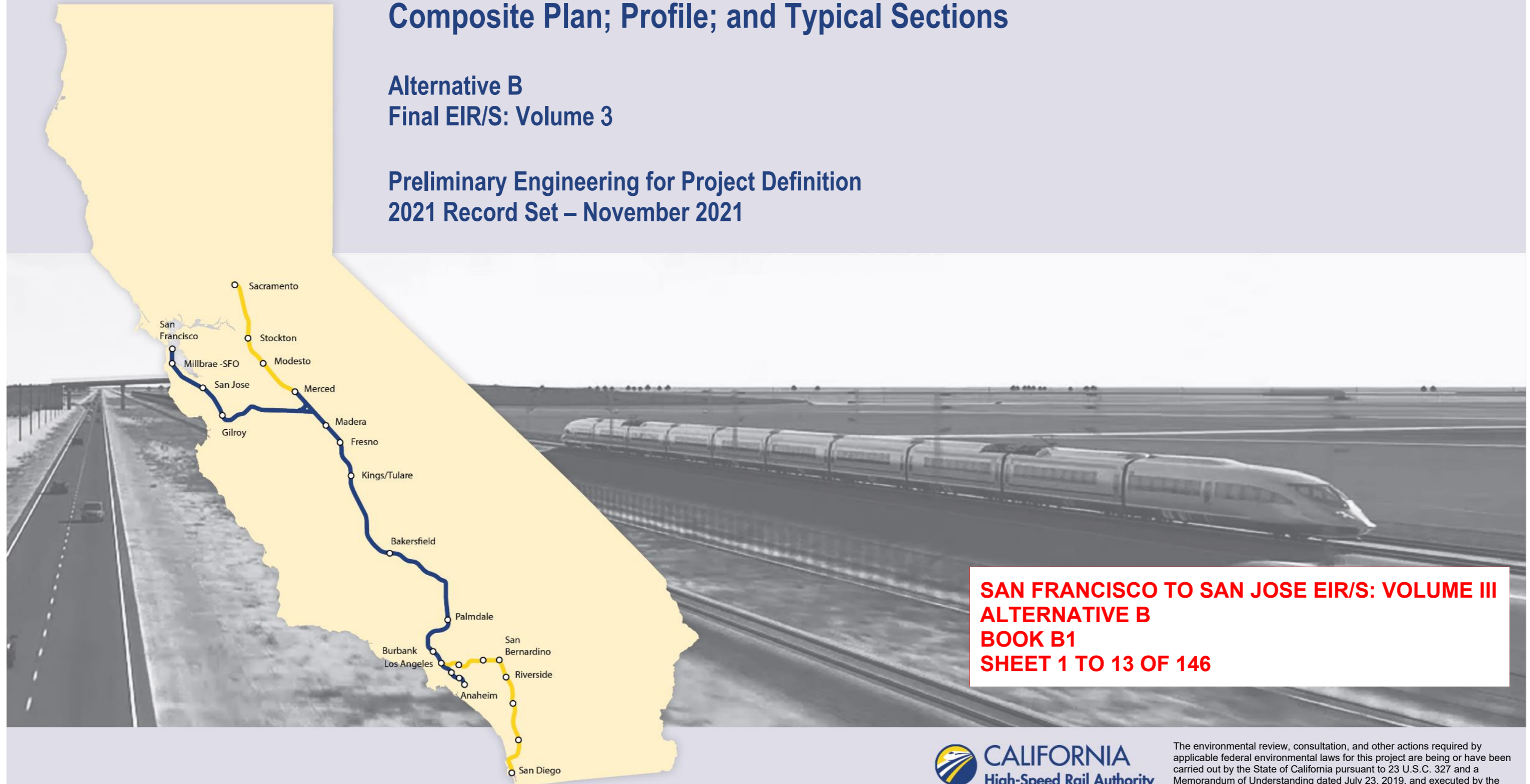
California High-Speed Rail Authority

# San Francisco to San Jose Project Section

## Composite Plan; Profile; and Typical Sections

Alternative B  
Final EIR/S: Volume 3

Preliminary Engineering for Project Definition  
2021 Record Set – November 2021



**SAN FRANCISCO TO SAN JOSE EIR/S: VOLUME III  
ALTERNATIVE B  
BOOK B1  
SHEET 1 TO 13 OF 146**

**ALTERNATIVE B - SAN FRANCISCO TO SAN JOSE (4TH/KING TO SCOTT BOULEVARD)**

BOOK	SHEET NO	DRAWING NO	SUBSECTION	GEOGRAPHIC LOCATION OR FEATURE	ALIGNMENT OR FEATURE	SHEET DESCRIPTION	ADDITIONAL DESCRIPTION
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**COVER, INDEX OF DRAWING AND KEY MAPS**

BOOK B1	A	COVER		4TH & KING TO SCOTT BLVD	ALTERNATIVE B		
BOOK B1	B	GE-A2101	SAN FRANCISCO TO SOUTH SAN FRANCISCO, SAN BRUNO TO PALO ALTO	4TH & KING TO CALTRAIN BELMONT STATION	INDEX OF DRAWINGS	SHEET 1 OF 6	
BOOK B1	C	GE-D2101	GENERAL	ENTIRE ALTERNATIVE	KEY MAP	COMPOSITE PLAN	SHEET 1 OF 4
BOOK B1	D	GE-D2102	GENERAL	ENTIRE ALTERNATIVE	KEY MAP	COMPOSITE PLAN	SHEET 2 OF 4
BOOK B1	E	GE-D2103	GENERAL	ENTIRE ALTERNATIVE	KEY MAP	COMPOSITE PLAN	SHEET 3 OF 4
BOOK B1	F	GE-D2104	GENERAL	ENTIRE ALTERNATIVE	KEY MAP	COMPOSITE PLAN	SHEET 4 OF 4
BOOK B1	G	GE-D2105	GENERAL	ENTIRE ALTERNATIVE	KEY MAP	SYSTEM SITES	

**COMPOSITE PLAN, PROFILE AND TYPICAL SECTIONS**

BOOK B1	1	TT-D0101	SAN FRANCISCO TO SOUTH SAN FRANCISCO	4TH & KING / 22ND ST		COMPOSITE PLAN, PROFILE AND TYPICAL SECTIONS	B100+00 TO B195+00
BOOK B1	2	TT-D0102	SAN FRANCISCO TO SOUTH SAN FRANCISCO	23RD ST / I-280 / VENUS ST		COMPOSITE PLAN, PROFILE AND TYPICAL SECTIONS	B195+00 TO B285+00
BOOK B1	3	TT-D0203	SAN FRANCISCO TO SOUTH SAN FRANCISCO	BLANKEN AVE / TUNNEL AVE		COMPOSITE PLAN, PROFILE AND TYPICAL SECTIONS	B358+00 TO B375+00
BOOK B1	4	TT-D0204	SAN FRANCISCO TO SOUTH SAN FRANCISCO	TUNNEL AVE / BAYSHORE BLVD		COMPOSITE PLAN, PROFILE AND TYPICAL SECTIONS	B375+00 TO B465+00
BOOK B1	5	TT-D0205	SAN FRANCISCO TO SOUTH SAN FRANCISCO	BAYSHORE BLVD / HWY 101		COMPOSITE PLAN, PROFILE AND TYPICAL SECTIONS	B465+00 TO B545+00
BOOK B1	6	TT-D0106	SAN FRANCISCO TO SOUTH SAN FRANCISCO/ SAN BRUNO TO SAN MATEO	HWY 101 / S. LINDEN AVE		COMPOSITE PLAN, PROFILE AND TYPICAL SECTIONS	B557+50 TO B648+00
BOOK B1	7	TT-D0107	SAN BRUNO TO SAN MATEO	I-380 / SAN BRUNO AVE / SFO		COMPOSITE PLAN, PROFILE AND TYPICAL SECTIONS	B648+00 TO B740+00
BOOK B1	8	TT-D0108	SAN BRUNO TO SAN MATEO	SFO / MILLBRAE CALTRAIN STATION		COMPOSITE PLAN, PROFILE AND TYPICAL SECTIONS	B740+00 TO B830+00
BOOK B1	9	TT-D0109	SAN BRUNO TO SAN MATEO	CALIFORNIA DR / BROADWAY CALTRAIN STATION		COMPOSITE PLAN, PROFILE AND TYPICAL SECTIONS	B830+00 TO B920+00
BOOK B1	10	TT-D0110	SAN BRUNO TO SAN MATEO	BURLINGAME CALTRAIN STATION		COMPOSITE PLAN, PROFILE AND TYPICAL SECTIONS	B920+00 TO B1010+00
BOOK B1	11	TT-D0211	SAN BRUNO TO SAN MATEO/ SAN MATEO TO PALO ALTO	CALTRAIN SAN MATEO STATION / N. RAILROAD AVE / 16TH AVE		COMPOSITE PLAN, PROFILE AND TYPICAL SECTIONS	B1071+00 TO B1100+00
BOOK B1	12	TT-D0212	SAN MATEO TO PALO ALTO	CALTRAIN HAYWARD PARK STATION / HWY 92 / CALTRAIN HILLSDALE STATION		COMPOSITE PLAN, PROFILE AND TYPICAL SECTIONS	B1100+00 TO B1190+00
BOOK B1	13	TT-D0213	SAN MATEO TO PALO ALTO	EL CAMINO REAL / CALTRAIN BELMONT STATION		COMPOSITE PLAN, PROFILE AND TYPICAL SECTIONS	B1190+00 TO B1280+00

**SAN FRANCISCO TO SAN JOSE EIR/S: VOLUME III  
ALTERNATIVE B  
BOOK B1  
SHEET B**

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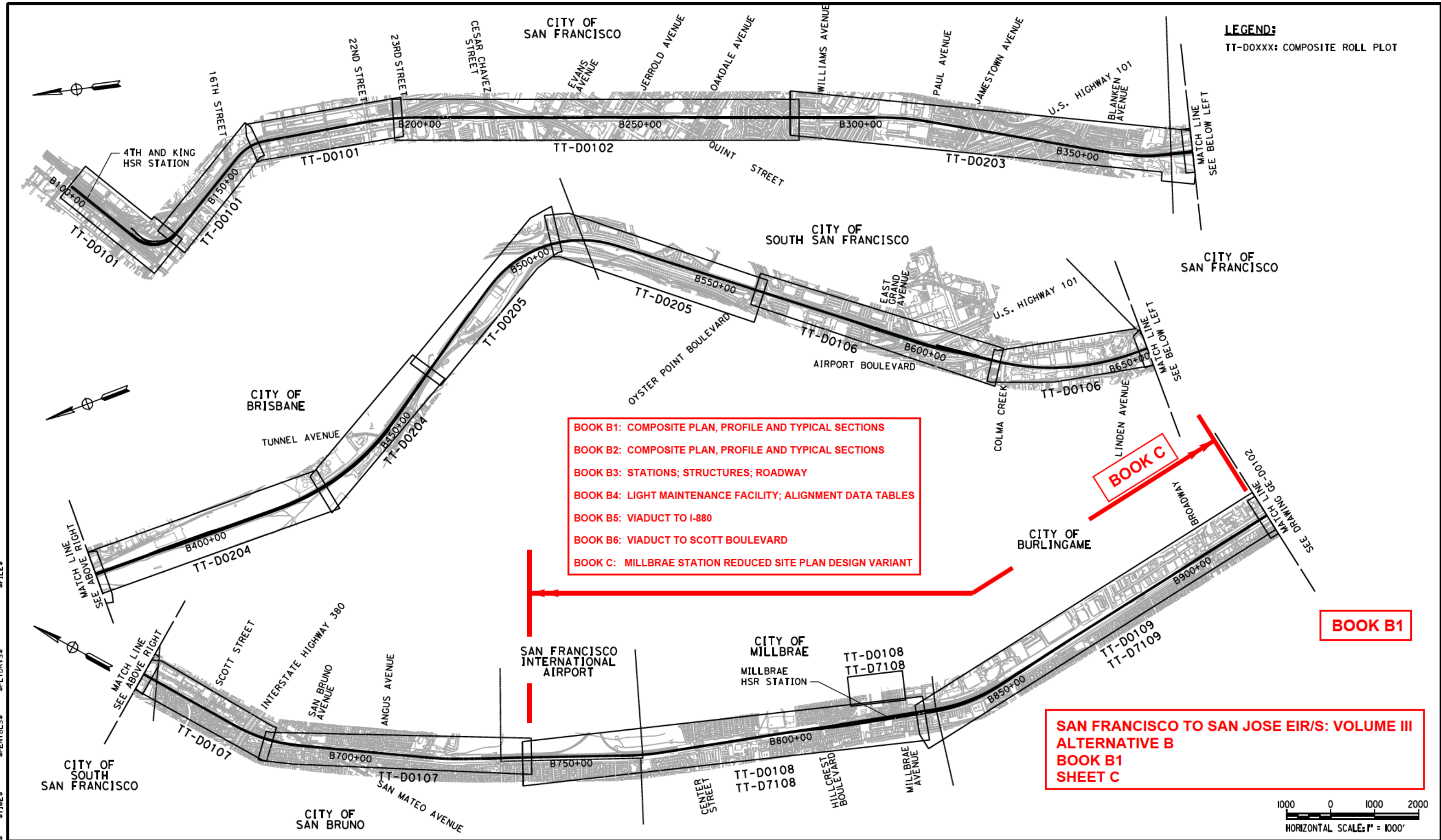
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**CALIFORNIA HIGH-SPEED TRAIN PROJECT  
SAN FRANCISCO TO SAN JOSE**  
ALTERNATIVE B  
INDEX OF DRAWINGS  
SHEET 1 OF 6

CONTRACT NO.	HSR15-34
DRAWING NO.	GE-A2101
SCALE	NONE
SHEET NO.	



**LEGEND:**  
 TT-DOXXX: COMPOSITE ROLL PLOT

**BOOK B1: COMPOSITE PLAN, PROFILE AND TYPICAL SECTIONS**  
**BOOK B2: COMPOSITE PLAN, PROFILE AND TYPICAL SECTIONS**  
**BOOK B3: STATIONS; STRUCTURES; ROADWAY**  
**BOOK B4: LIGHT MAINTENANCE FACILITY; ALIGNMENT DATA TABLES**  
**BOOK B5: VIADUCT TO I-880**  
**BOOK B6: VIADUCT TO SCOTT BOULEVARD**  
**BOOK C: MILLBRAE STATION REDUCED SITE PLAN DESIGN VARIANT**

**SAN FRANCISCO TO SAN JOSE EIR/S: VOLUME III**  
**ALTERNATIVE B**  
**BOOK B1**  
**SHEET C**

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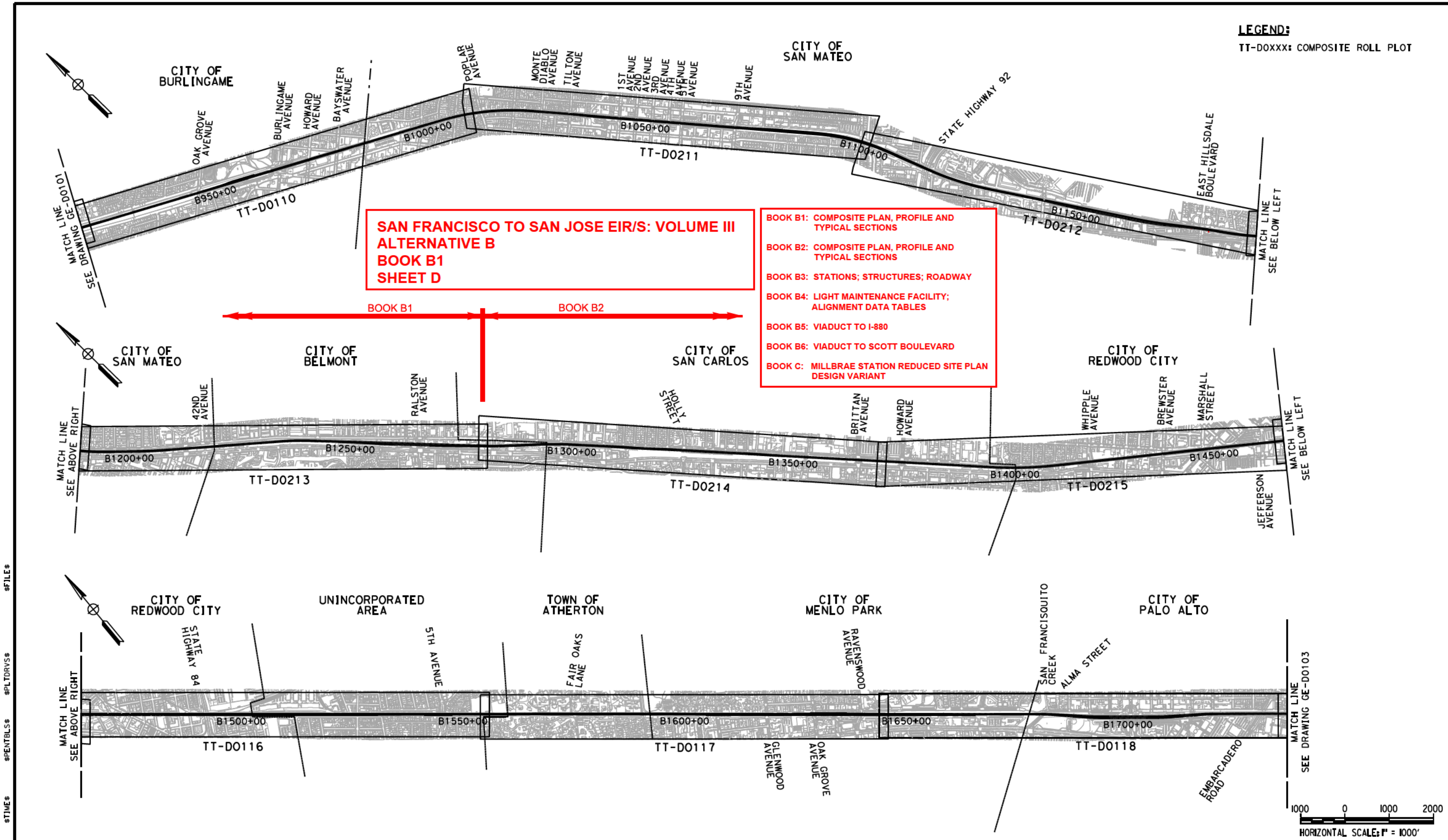
**CALIFORNIA HIGH-SPEED TRAIN PROJECT**  
**SAN FRANCISCO TO SAN JOSE**  
 ALTERNATIVE B  
 KEY MAP  
 COMPOSITE PLAN  
 SHEET 1 OF 4

CONTRACT NO.	HSR15-34
DRAWING NO.	GE-D2101
SCALE	AS SHOWN
SHEET NO.	

**LEGEND:**  
TT-D0XXX: COMPOSITE ROLL PLOT

**SAN FRANCISCO TO SAN JOSE EIR/S: VOLUME III  
ALTERNATIVE B  
BOOK B1  
SHEET D**

- BOOK B1: COMPOSITE PLAN, PROFILE AND TYPICAL SECTIONS
- BOOK B2: COMPOSITE PLAN, PROFILE AND TYPICAL SECTIONS
- BOOK B3: STATIONS; STRUCTURES; ROADWAY
- BOOK B4: LIGHT MAINTENANCE FACILITY; ALIGNMENT DATA TABLES
- BOOK B5: VIADUCT TO I-880
- BOOK B6: VIADUCT TO SCOTT BOULEVARD
- BOOK C: MILLBRAE STATION REDUCED SITE PLAN DESIGN VARIANT



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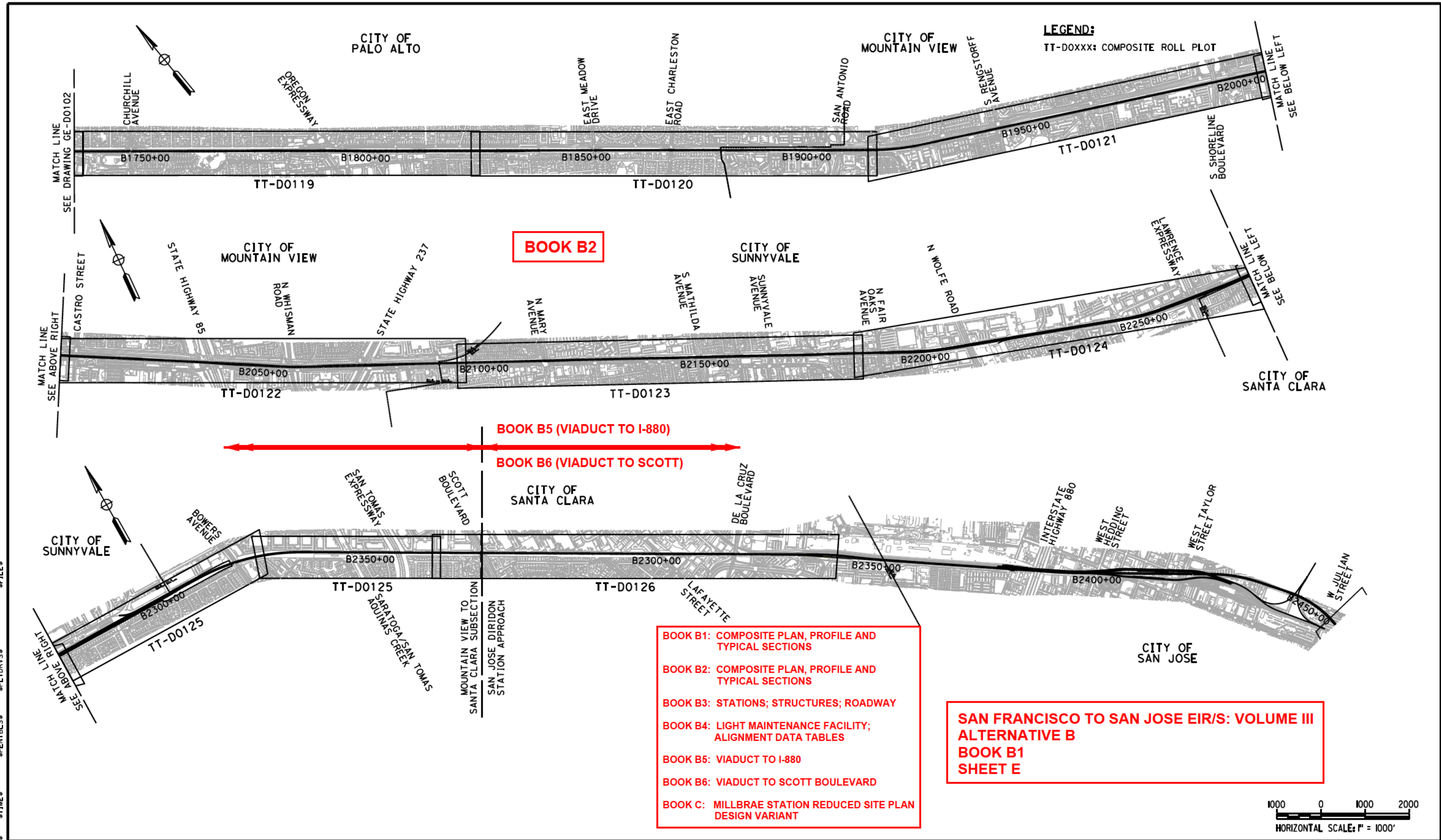
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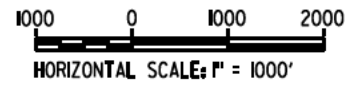
**CALIFORNIA HIGH-SPEED TRAIN PROJECT**  
**SAN FRANCISCO TO SAN JOSE**  
ALTERNATIVE B  
KEY MAP  
COMPOSITE PLAN  
SHEET 2 OF 4

CONTRACT NO.  
HSR15-34  
DRAWING NO.  
GE-D2102  
SCALE  
AS SHOWN  
SHEET NO.



- BOOK B1: COMPOSITE PLAN, PROFILE AND TYPICAL SECTIONS
- BOOK B2: COMPOSITE PLAN, PROFILE AND TYPICAL SECTIONS
- BOOK B3: STATIONS; STRUCTURES; ROADWAY
- BOOK B4: LIGHT MAINTENANCE FACILITY; ALIGNMENT DATA TABLES
- BOOK B5: VIADUCT TO I-880
- BOOK B6: VIADUCT TO SCOTT BOULEVARD
- BOOK C: MILLBRAE STATION REDUCED SITE PLAN DESIGN VARIANT

**SAN FRANCISCO TO SAN JOSE EIR/S: VOLUME III**  
**ALTERNATIVE B**  
**BOOK B1**  
**SHEET E**



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**CALIFORNIA**  
 High-Speed Rail Authority

**CALIFORNIA HIGH-SPEED TRAIN PROJECT**  
**SAN FRANCISCO TO SAN JOSE**  
 ALTERNATIVE B  
 KEY MAP  
 COMPOSITE PLAN  
 SHEET 3 OF 4

CONTRACT NO.	HSR15-34
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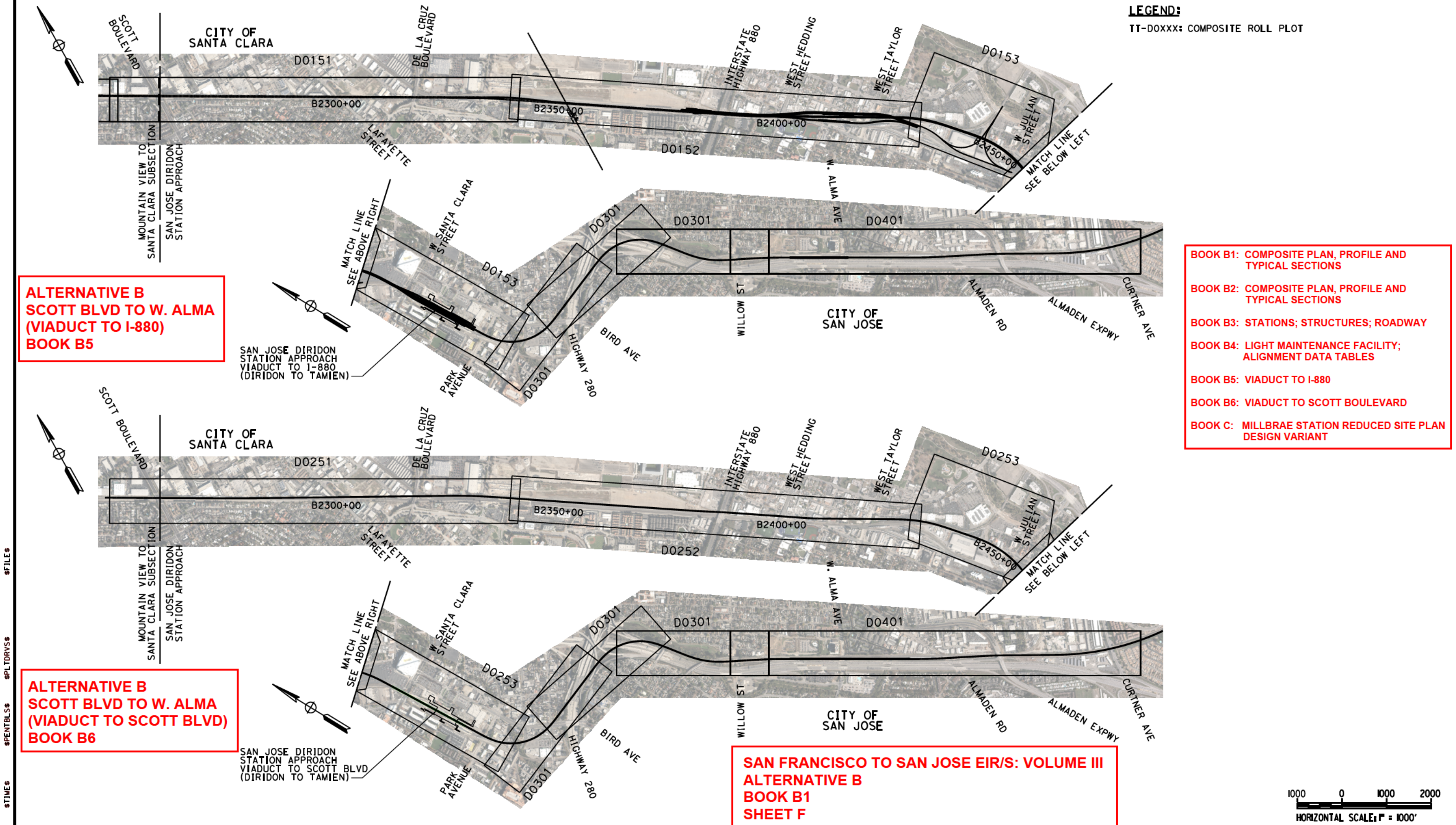
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**ALTERNATIVE B  
SCOTT BLVD TO W. ALMA  
(VIADUCT TO I-880)  
BOOK B5**

- BOOK B1: COMPOSITE PLAN, PROFILE AND TYPICAL SECTIONS
- BOOK B2: COMPOSITE PLAN, PROFILE AND TYPICAL SECTIONS
- BOOK B3: STATIONS; STRUCTURES; ROADWAY
- BOOK B4: LIGHT MAINTENANCE FACILITY; ALIGNMENT DATA TABLES
- BOOK B5: VIADUCT TO I-880
- BOOK B6: VIADUCT TO SCOTT BOULEVARD
- BOOK C: MILLBRAE STATION REDUCED SITE PLAN DESIGN VARIANT

**ALTERNATIVE B  
SCOTT BLVD TO W. ALMA  
(VIADUCT TO SCOTT BLVD)  
BOOK B6**

**SAN FRANCISCO TO SAN JOSE EIR/S: VOLUME III  
ALTERNATIVE B  
BOOK B1  
SHEET F**



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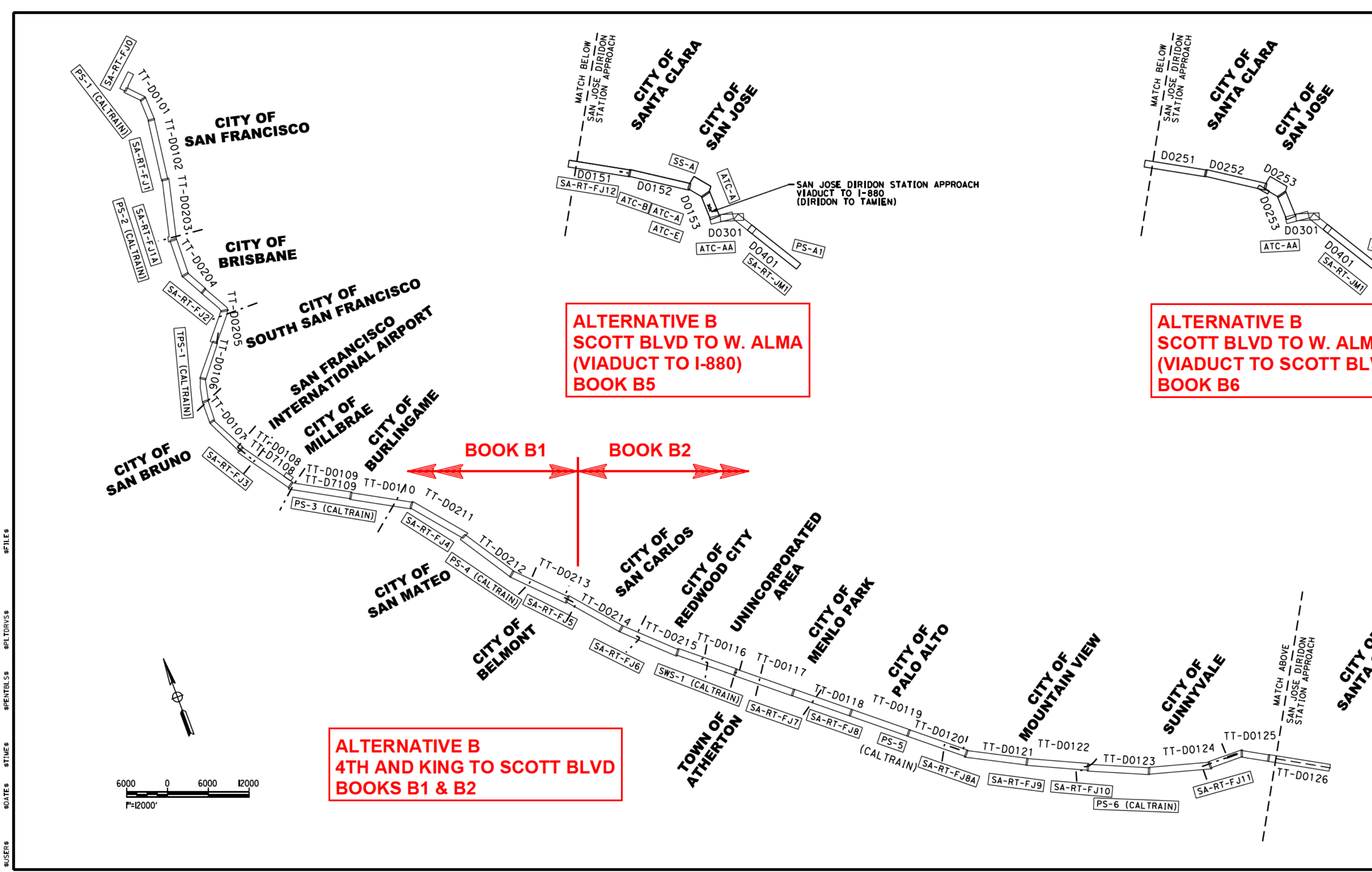
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**CALIFORNIA HIGH-SPEED TRAIN PROJECT**  
**SAN FRANCISCO TO SAN JOSE**  
ALTERNATIVE B  
KEY MAP  
COMPOSITE PLAN  
SHEET 4 OF 4

CONTRACT NO.	HSR15-34
DRAWING NO.	GE-D2104
SCALE	AS SHOWN
SHEET NO.	



**ALTERNATIVE B**

Station (SB TRK)	Traction Power Facility (TPF)	TPD IF	Dist. to Prev. TPF (m)	Automatic Train Control Sites	Dist. to Prev. ATC-D (m)	Communications Radio Tower	Dist. to Prev. RT (m)	Cross Street
104+63	4th & King Passenger Station					Radio Tower 4th & King Sta FJ0		4th St
133+15								
139+00				STATION EQUATION STA B133+15.12 = STA B139+00.00				
162+58	Mariposa PS-1 (Caltrain)	PCEP-PS-1	3.86			Radio Tower PS-1 (Caltrain)		Mariposa St
167+09				CALTRAIN TUNNEL 1 - NORTH PORTAL				
185+27				CALTRAIN TUNNEL 1 - SOUTH PORTAL				
198+80				CALTRAIN TUNNEL 2 - NORTH PORTAL				
209+69				CALTRAIN TUNNEL 2 - SOUTH PORTAL				
245+49						Stand Alone Radio Tower FJ1 - Alt 1		Jerrold Ave
						to RT 4th & King Sta	2.50	
						to RT PS-1	1.57	
258+78						Stand Alone Radio Tower FJ1 - Alt 2		Newcomb Ave
						to RT 4th & King Sta	2.81	
						to RT PS-1	1.82	
264+92				CALTRAIN TUNNEL 3 - NORTH PORTAL				
289+52				CALTRAIN TUNNEL 3 - SOUTH PORTAL				
322+20				CALTRAIN TUNNEL 4 - NORTH PORTAL				
357+57				CALTRAIN TUNNEL 4 - SOUTH PORTAL				
358+24				Beginning of Alternative B - West Brisbane. Conform with Alternative A.				
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)							Recycle Road
								Co-locate SAR at Caltrain site
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	
539+86				STATION EQUATION STA B539+85.68 = STA B545+00.00				
542+50				End of Alternative B - West Brisbane. Conform with Alternative A.				
585+00	South San Francisco TPS-1 (Caltrain)	PCEP-TPS-1	4.09			Radio Tower TPS-1 (Caltrain)		Grand Ave
	To Caltrain PS-2		5.73			to SA-RT FJ2 - Alt 1	2.18	
	To Caltrain PS-3		36.21			to SA-RT FJ2 - Alt 2	2.00	
662+59				STATION EQUATION STA B962+50.02 = STA B965+00.00				
665+00						Stand Alone Radio Tower FJ3 - Alt 1		San Marco Ave
741+43						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)		Lirioch Ave
	To Caltrain TPS-1		5.48			to SA-RT FJ3 - Alt 1	2.81	
	To Caltrain PS-4		2.74			to SA-RT FJ3 - Alt 2	2.74	
1038+91						Stand Alone Radio Tower FJ4 - Alt 1		Cypress Avenue
1046+13						Stand Alone Radio Tower FJ4 - Alt 2		2nd Avenue

**ALTERNATIVE B (CONTINUED)**

Station (SB TRK)	Traction Power Facility (TPF)	TPD IF	Dist. to Prev. TPF (m)	Automatic Train Control Sites	Dist. to Prev. ATC-D (m)	Communications Radio Tower	Dist. to Prev. RT (m)	Cross Street
1071+00				Beginning of Alternative B - Short Middle 4-Track				
1179+32	Hilldale PS-4 (Caltrain)					Radio Tower PS-4 (Caltrain)		E. Hilldale Boulevard
						to SA-RT FJ4 - Alt 1	2.86	Co-locate SAR at Caltrain site
						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+21						Stand Alone Radio Tower FJ5 - Alt 1		El Camacho
						to RT PS-4	2.38	
						to SA-RT FJ5 - Alt 2	2.16	
1387+77						Stand Alone Radio Tower FJ5 - Alt 2		Center Street
						to SA-RT FJ5 - Alt 1	2.46	
						to SA-RT FJ5 - Alt 2	2.25	
1419+97				STATION EQUATION STA B1419+97.30 = STA B1425+00.00				
				End of Alternative B - Short Middle 4-Track. Conform with Alternative A.				
1425+00								
1425+25	Redwood Junction SWS-1 (Caltrain)	PCEP-SWS-1	5.89			Radio Tower SWS-1 (Caltrain)		SR 84
	To Caltrain PS-4		5.81			to SA-RT FJ5 - Alt 2	2.03	
	To Caltrain PS-5		17.10			to SA-RT FJ5 - Alt 1	1.94	
	To Caltrain TPS-2		19.11					
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	1.97	
						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+80	West Meadow PS-5 (Caltrain)	PCEP-PS-5	5.81					
	To Caltrain SWS-1		6.69					
	To Caltrain PS-6					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+07						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	1.90	
2154+69	Sunnyvale PS-6 (Caltrain)	PCEP-PS-6	6.69			Radio Tower PS-6 (Caltrain)		Mathilda Avenue
	To Caltrain PS-6		6.62			to SA-RT FJ10 - Alt 1	1.20	
	To Caltrain TPS-2					to SA-RT FJ10 - Alt 2	1.16	
2288+87						Stand Alone Radio Tower FJ11 - Alt 1		Lawrence Expressway
						to RT PS-6	2.16	
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)				
				SCOTT BOULEVARD				

**ALTERNATIVE B (SCOTT BLVD TO W. ALMA) (VIADUCT TO I-880)**

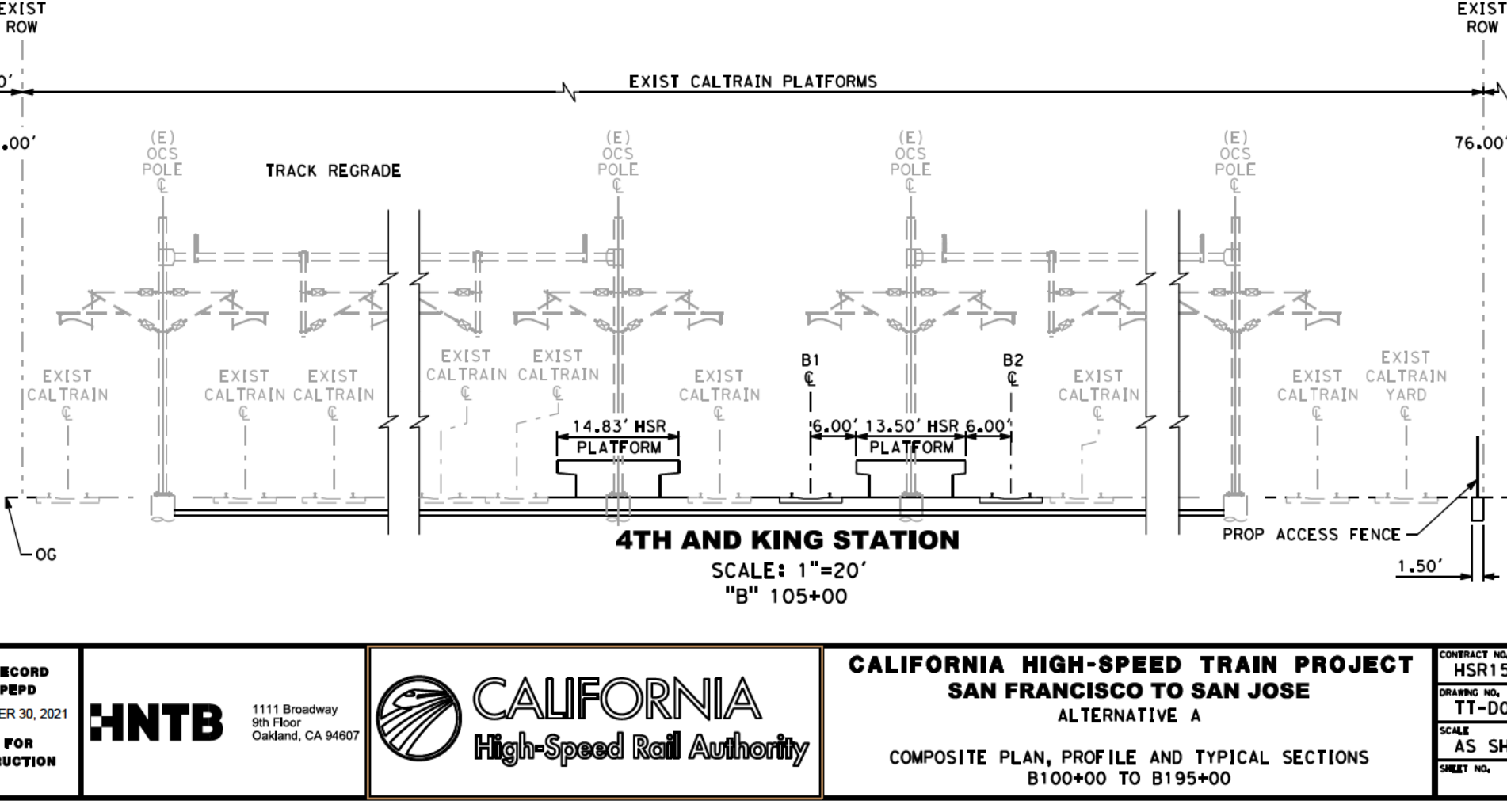
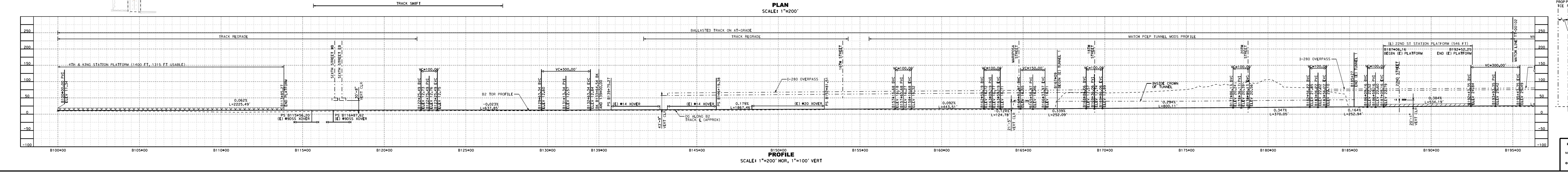
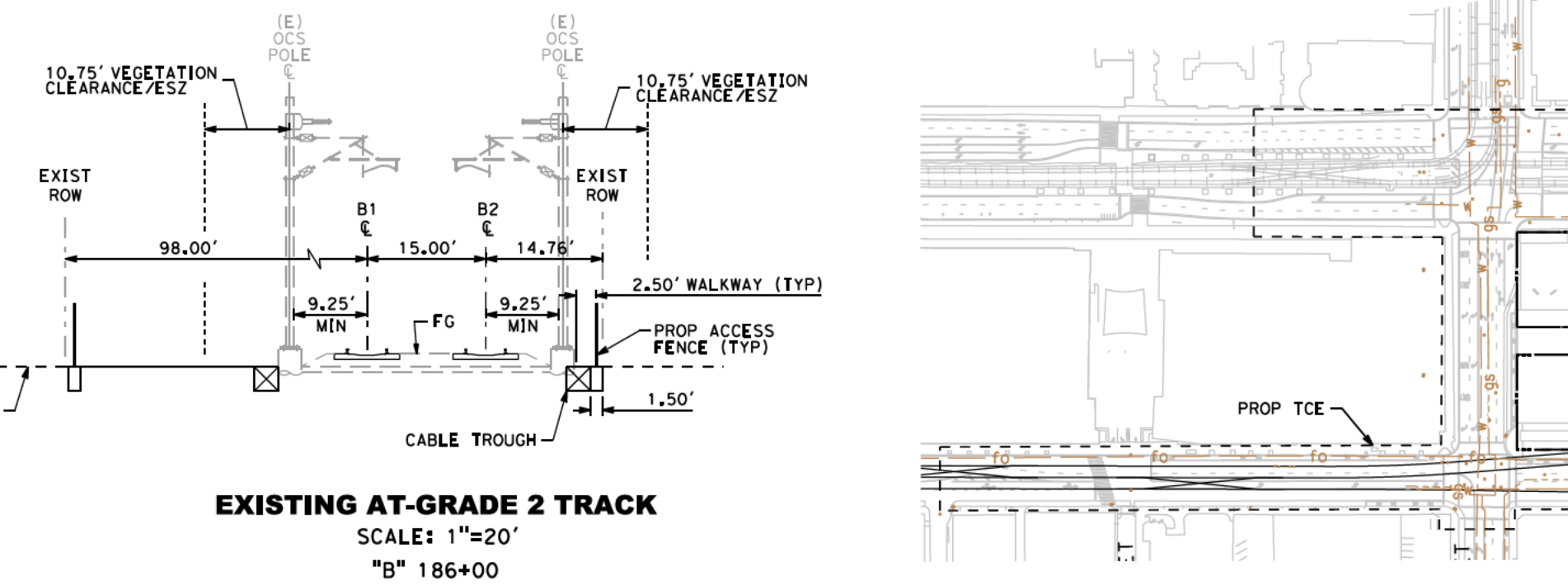
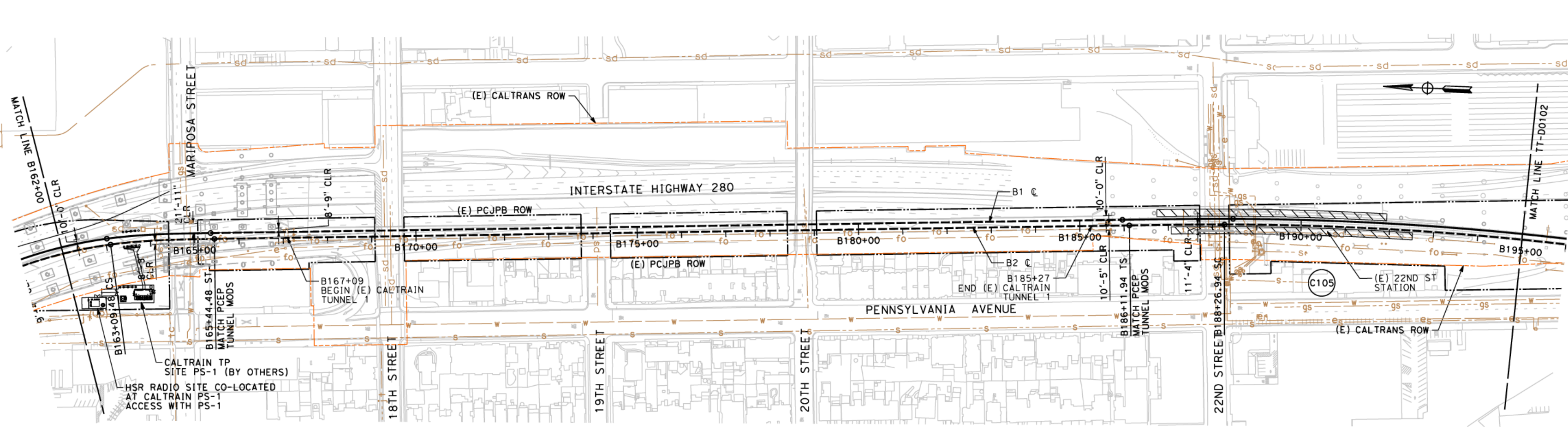
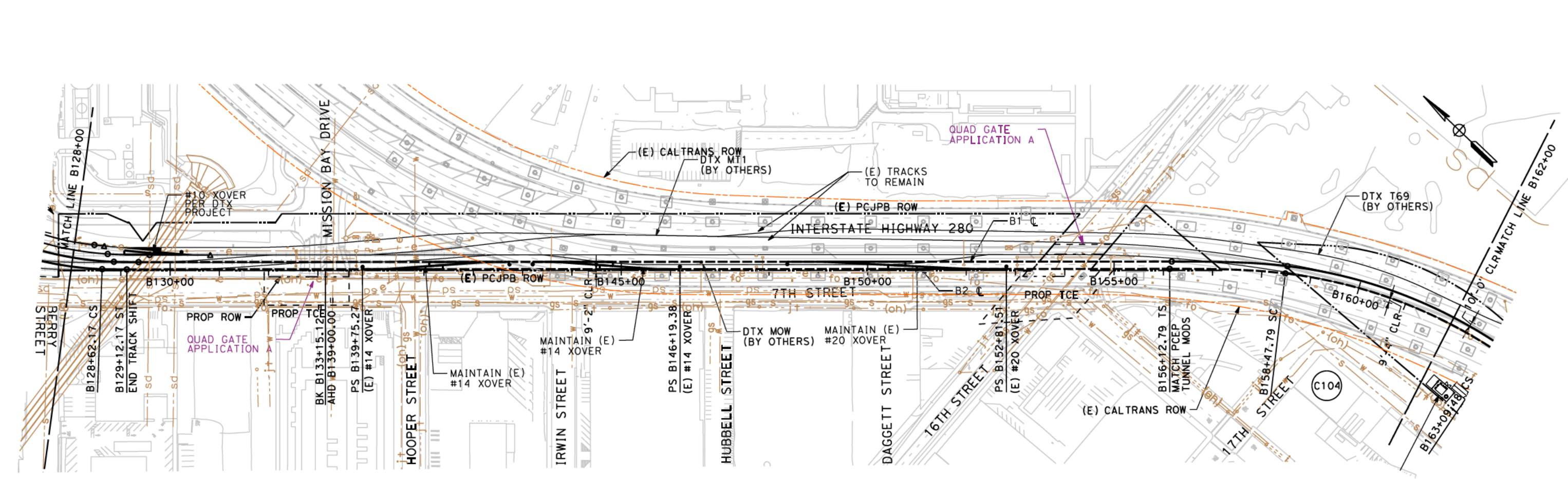
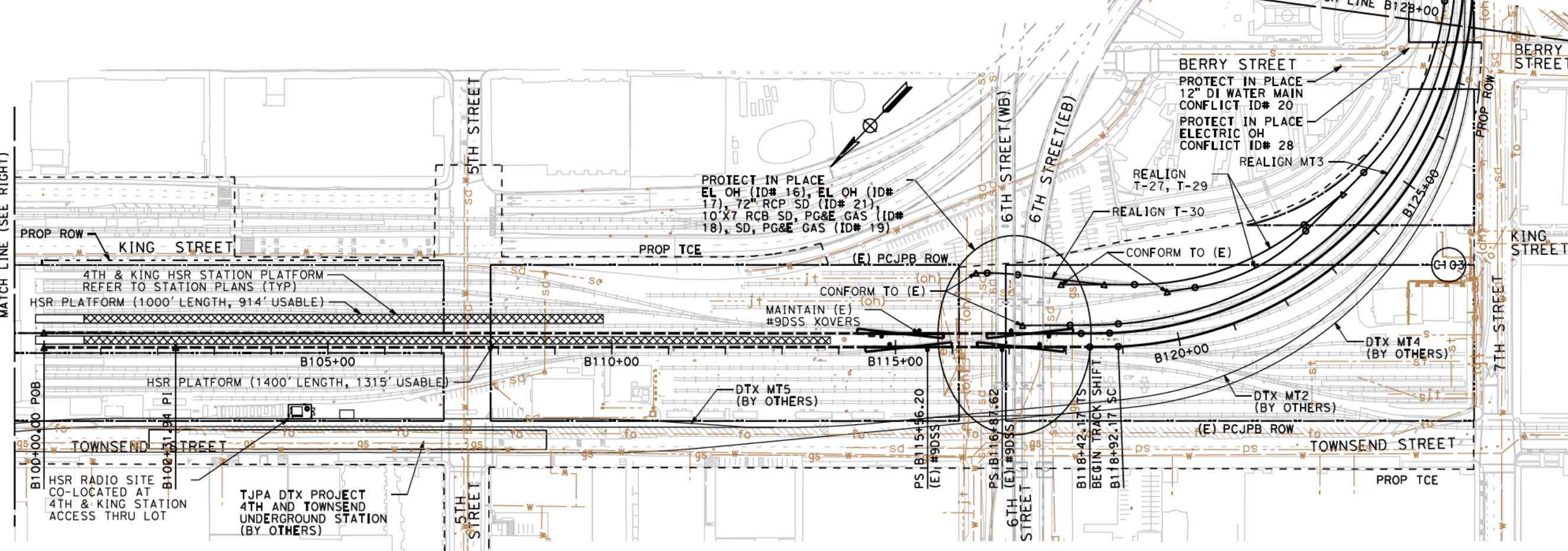
Station (SB TRK)	Traction Power Facility (TPF)	TPD ID	Dist. to Prev. TPF (m)	Automatic Train Control Sites	Dist. to Prev. ATC-D (m)	Communications Radio Tower	Dist. to Prev. RT (m)	Cross Street
2280+00				SCOTT BOULEVARD				
2282+13						Stand Alone Radio Tower FJ12 - Alt 1		
						to SA-RT FJ11 - Alt 1	2.05	
						to SA-RT FJ11 - Alt 2	1.64	
2287+08						Stand Alone Radio Tower FJ12 - Alt 2		
						to SA-RT FJ11 - Alt 1	2.52	
						to SA-RT FJ11 - Alt 2	2.11	
2289+59						Radio Tower SS-A - Alt 1		House at Interlocking Site B
						to SA-RT FJ12 - Alt 1	2.41	
						to SA-RT FJ12 - Alt 2	1.94	
2391+87	Substation A (HSR) - ALT2	B-SS-STO (Alt 2)				Radio Tower SS-A - Alt 2		Stockton Ave.
						to SA-RT FJ12 - Alt 1	2.46	
						to SA-RT FJ12 - Alt 2	1.98	
2393+77						House at Interlocking Site B		
2394+72						House at Interlocking Site A		
						RT Interlocking Site A SCT-DRDN - Alt 3	2.51	
2476+07	Diridon Passenger Station							
2480+81				End of Scott to Diridon Subsection				
2484+32						House at Interlocking Site E		
						Radio Tower Interlocking Site E - Alt 1		
						Caltrain PCEP TPS-2 - Alt 1	1.42	
						to Substation A (HSR)	1.37	
						to RT Interlocking Site A - Alt 3	1.32	
2476+00	Diridon Passenger Station			End of San Francisco to San Jose Section (FJ) - Scott to Diridon Subsection				
2481+15				Station Equation FJ ALT. A (NRRW) POE 2481+15.17 (SB) = DRDN-TAMI POB 52+90.53 (SB)				
52+91				Beginning of Diridon to W. Alma Subsection				
66+10						House at Interlocking Site B		
77+33						House at Interlocking Site A		
						to Caltrain PCEP TPS-2 - Alt 1	2.20	
						to Substation A (HSR)	2.15	
91+34						House at Interlocking Site AA		
						Radio Tower Interlocking Site AA - Alt 4	2.46	
						to Caltrain PCEP TPS-2 - Alt 1	2.42	
						to RT Interlocking Site E - Alt 1	1.05	
						to RT Interlocking Site A - Alt 3	0.27	
150+00				End of Diridon to Tamien Subsection				

**ALTERNATIVE B (SCOTT BLVD TO W. ALMA) (VIADUCT TO SCOTT BLVD)**

Station (SB TRK)	Traction Power Facility (TPF)	TPD ID	Dist. to Prev. TPF (m)	Automatic Train Control Sites	Dist. to Prev. ATC-D (m)	Communications Radio Tower	Dist. to Prev. RT (m)	Cross Street
2280+00				SCOTT BOULEVARD				
2261+60						House at Interlocking Site A		
						Radio Tower Interlocking Site A		
						to SA-RT FJ11 - Alt 1	2.04	
						to SA-RT FJ11 - Alt 2	1.63	
2289+15						House at Interlocking Site B		
2289+59	Caltrain PCEP TPS-2 - Alt 1					Radio Tower SS-A - Alt 1		
						to RT Interlocking Site A	2.42	
2391+52	Substation A (HSR) - ALT2	B-SS-STO (Alt 2)				Radio Tower SS-A - Alt 2		Stockton Ave.
						to RT Interlocking Site A	2.46	
2463+97						House at Interlocking Site E		
						Radio Tower Interlocking Site E - Alt 1		
						to Caltrain PCEP TPS-2 - Alt 1	1.42	
						to Substation A (HSR)	1.37	
2476+07	Diridon Passenger Station			End of Scott to Diridon Subsection				
2480+81				Station Equation FJ - ALT. B (WIDE) POE 2480+80.58 (SB) = DRDN-TAMI POB 52+90.53 (SB)				
52+91				Beginning of Diridon to W. Alma Subsection				
66+10						House at Interlocking Site B		
77+33								

SAN FRANCISCO TO SAN JOSE EIR/S: VOLUME III  
ALTERNATIVE B  
BOOK B1  
SHEET 1 OF 146

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



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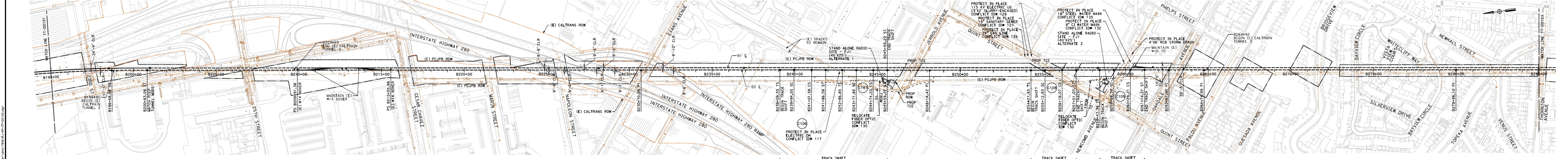
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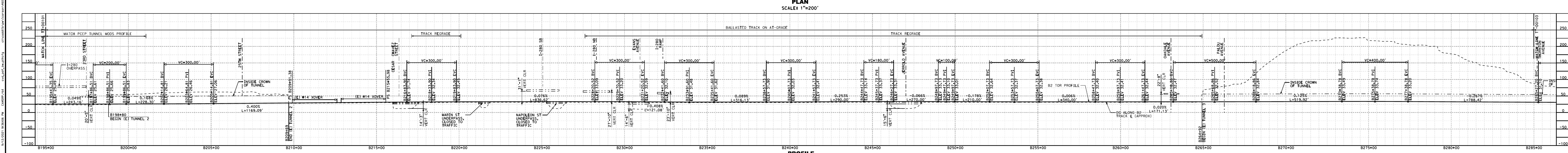
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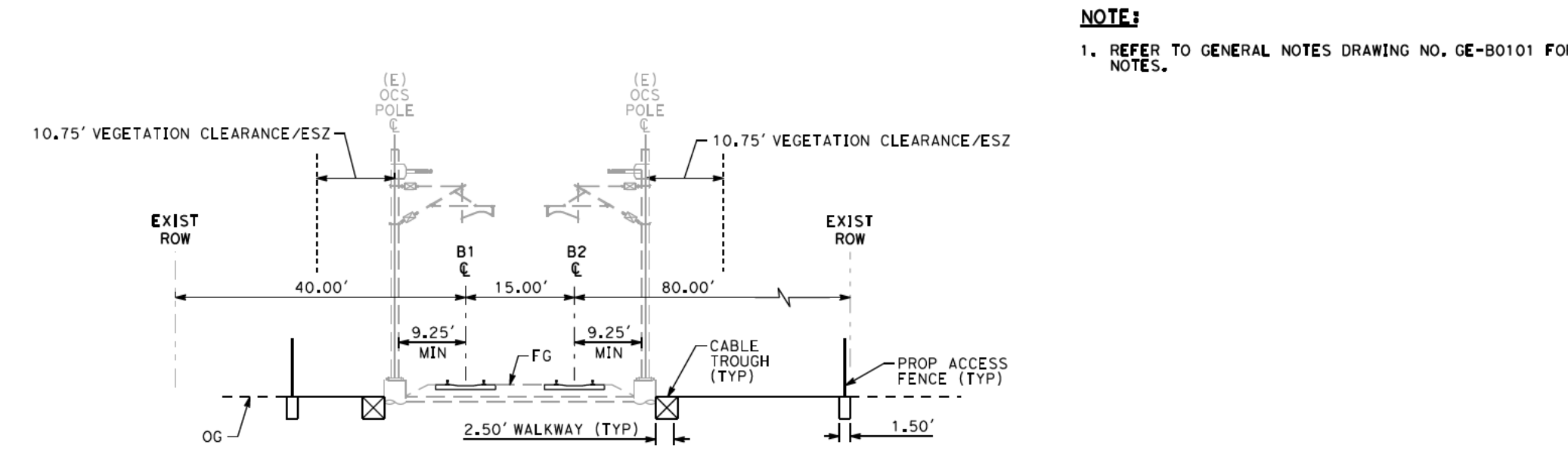




PLAN  
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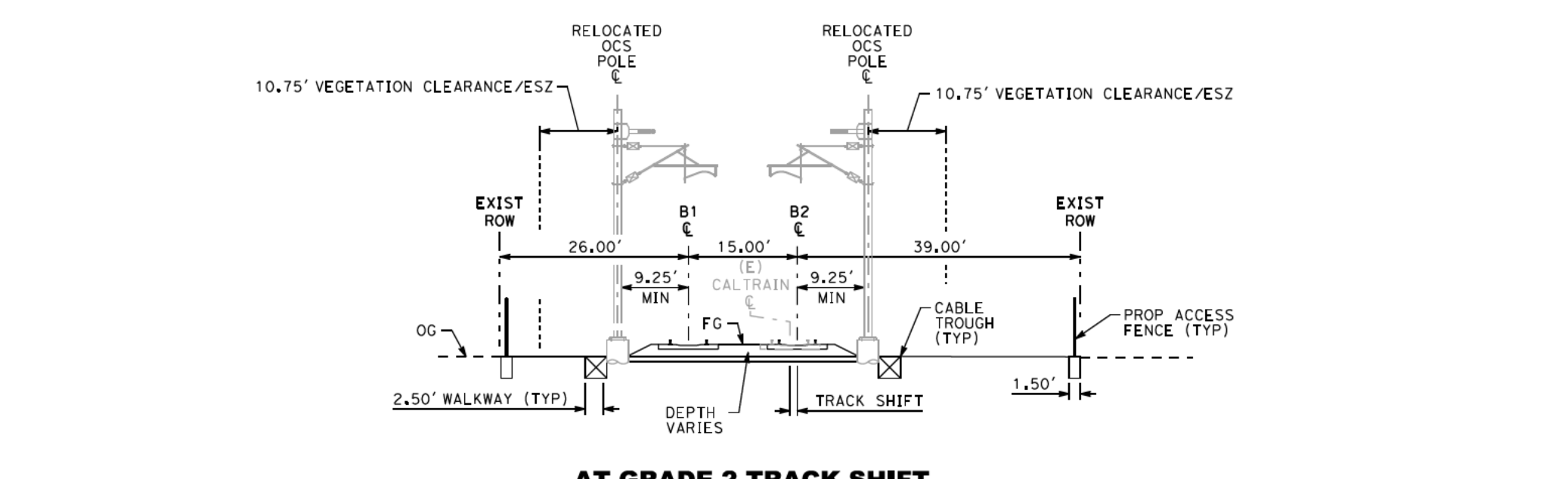


PROFILE  
SCALE: 1"=200' HOR, 1"=100' VERT



EXISTING AT-GRADE 2 TRACK  
SCALE: 1"=20'  
"B" 220+00

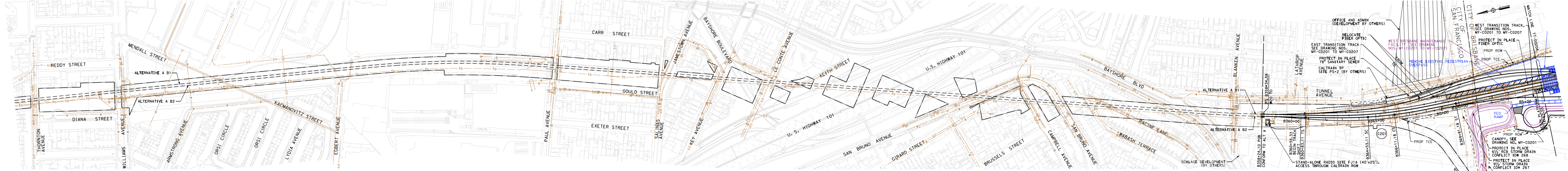
**SAN FRANCISCO TO SAN JOSE EIR/S: VOLUME III**  
**ALTERNATIVE B**  
**BOOK B1**  
**SHEET 2 OF 146**



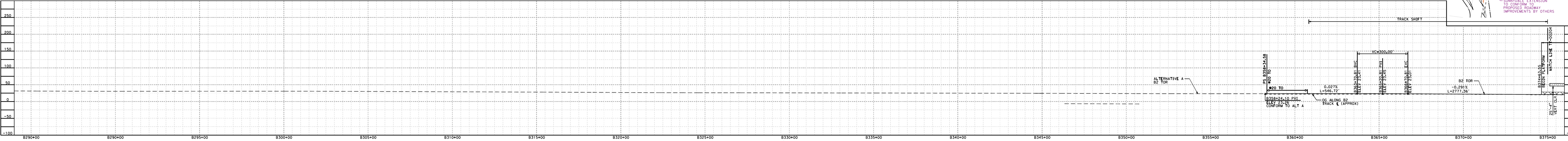
AT-GRADE 2 TRACK SHIFT  
SCALE: 1"=20'  
"B" 250+00

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

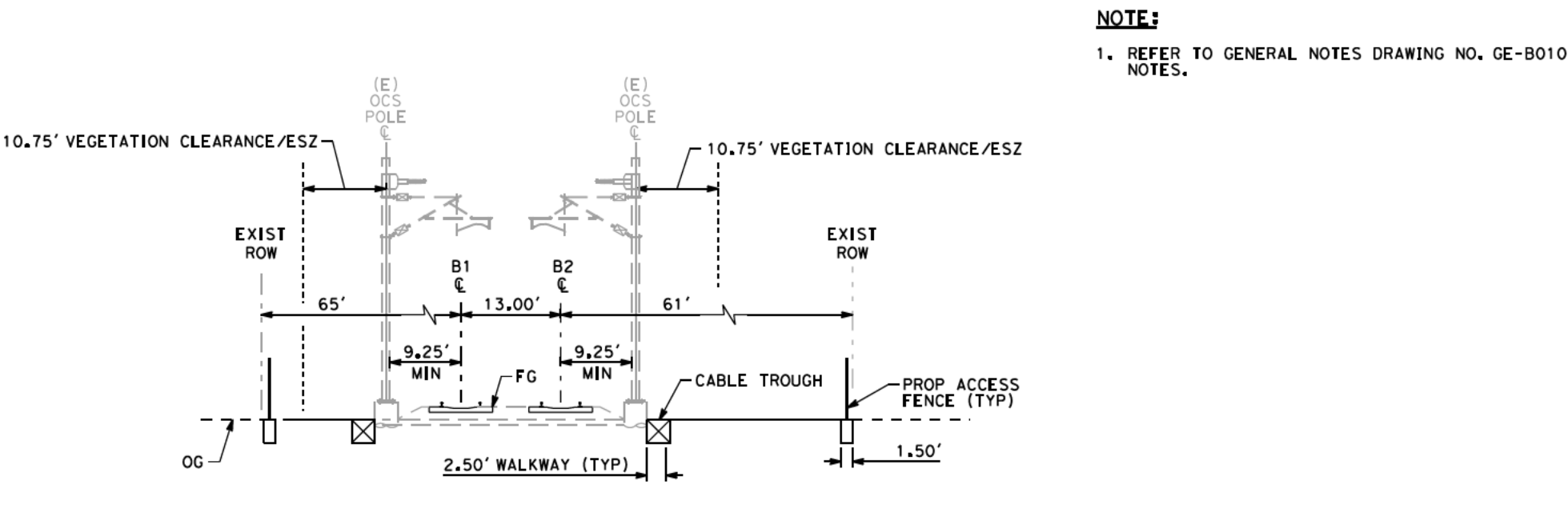
CITY OF SAN FRANCISCO



PLAN  
SCALE: 1"=200'



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

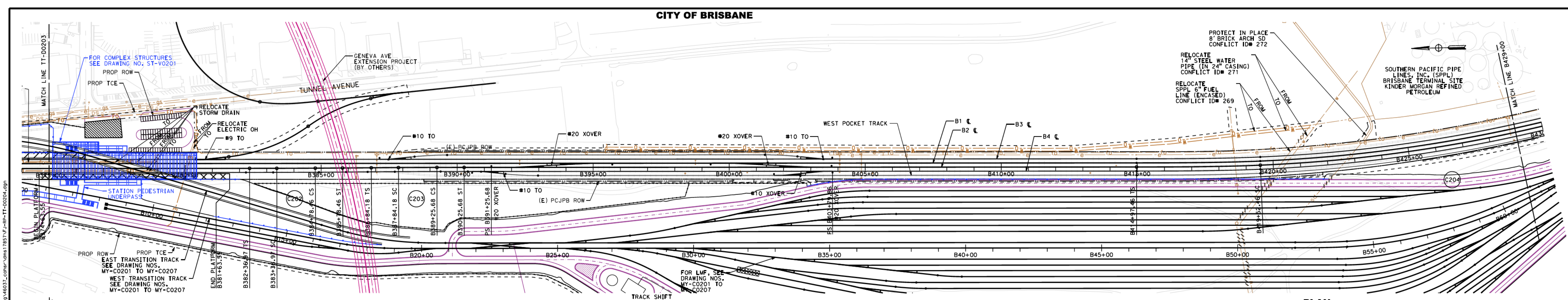


EXISTING AT-GRADE 2 TRACK  
SCALE: 1"=20'  
"B" 359+00

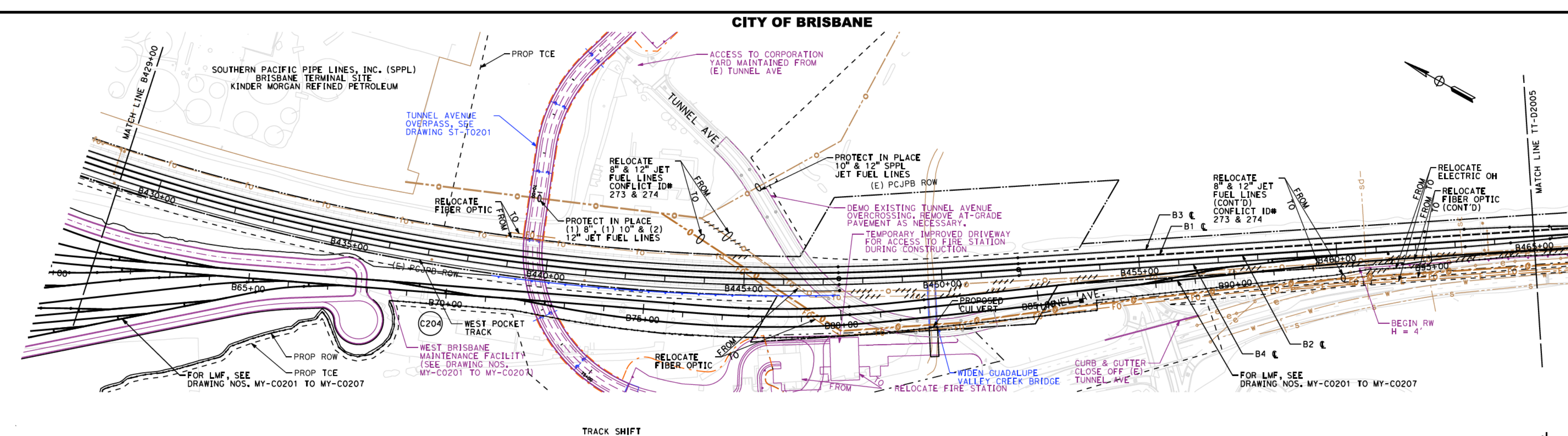
NOTE:  
1. REFER TO GENERAL NOTES DRAWING NO. GE-B0101 FOR NOTES.

**SAN FRANCISCO TO SAN JOSE EIR/S: VOLUME III**  
**ALTERNATIVE B**  
**BOOK B1**  
**SHEET 3 OF 146**

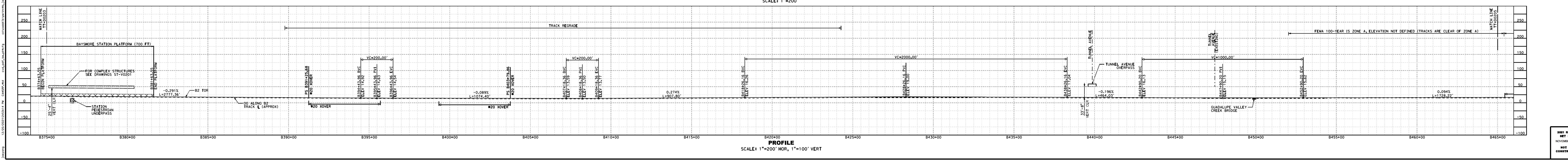
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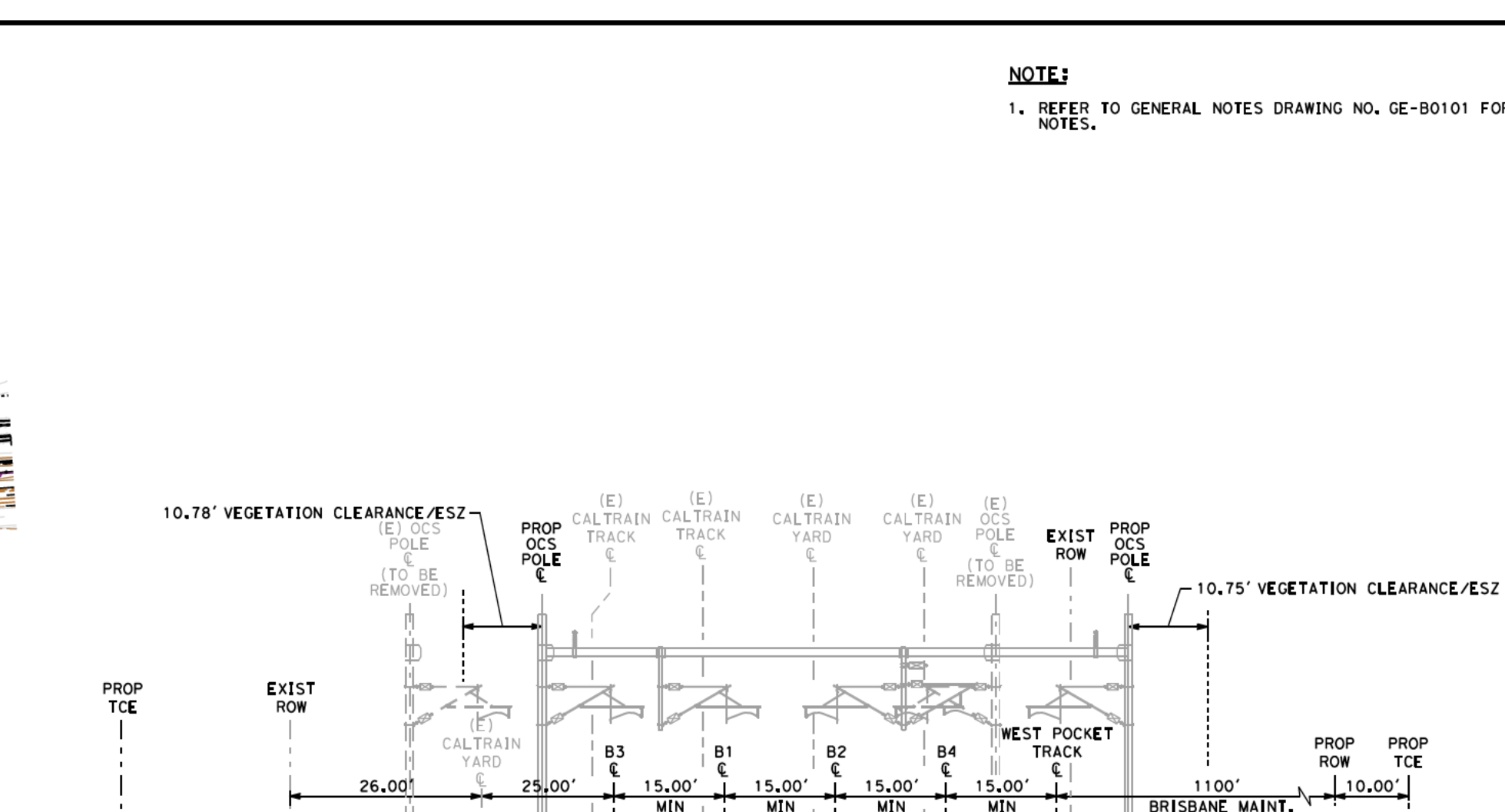
PLAN  
SCALE: 1"=200'



TRACK SHIFT



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

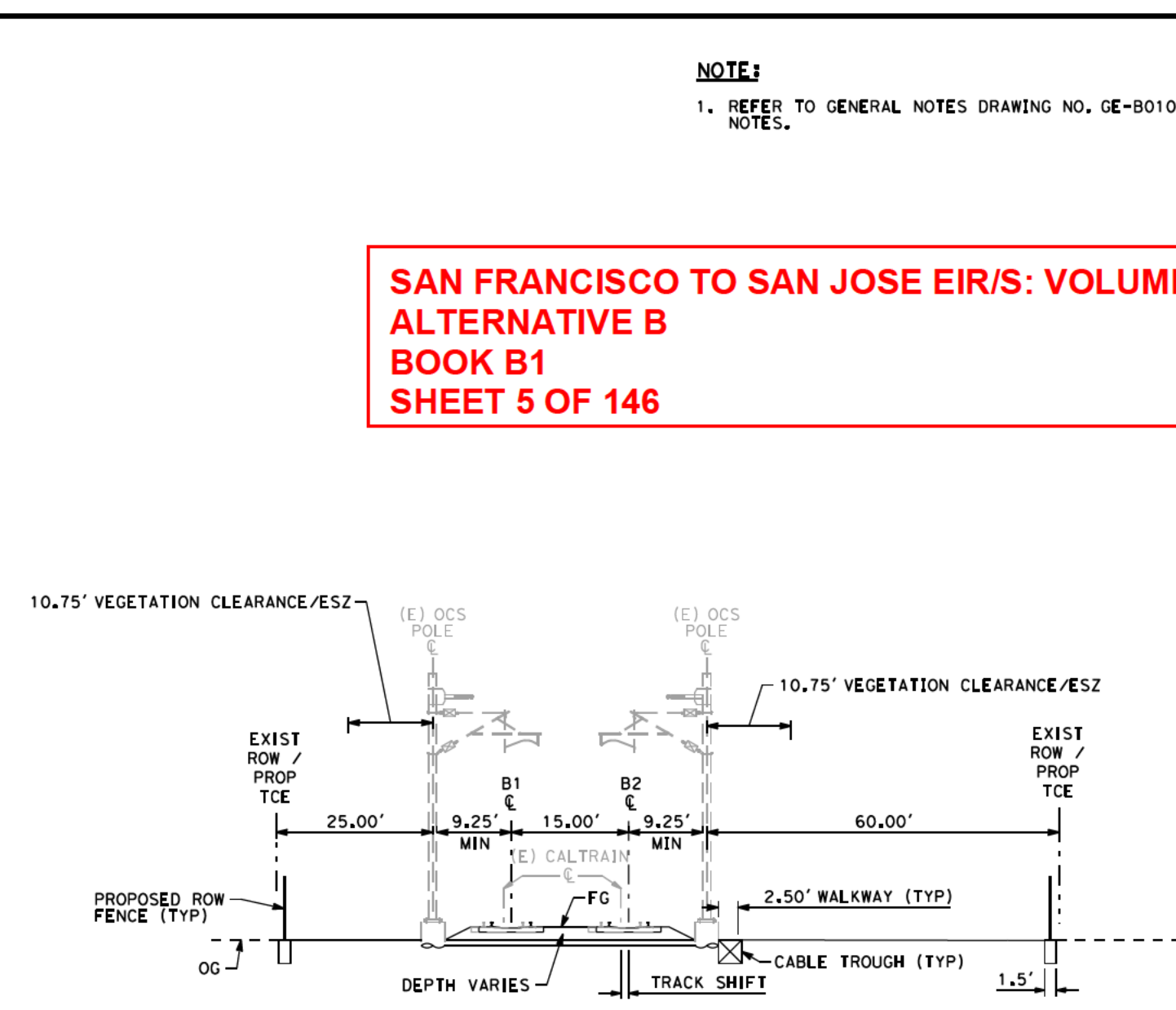
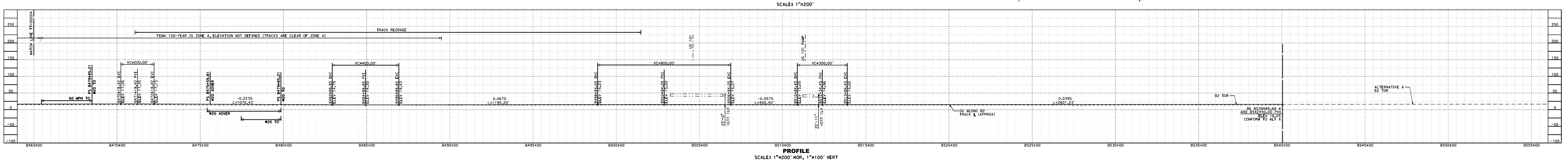
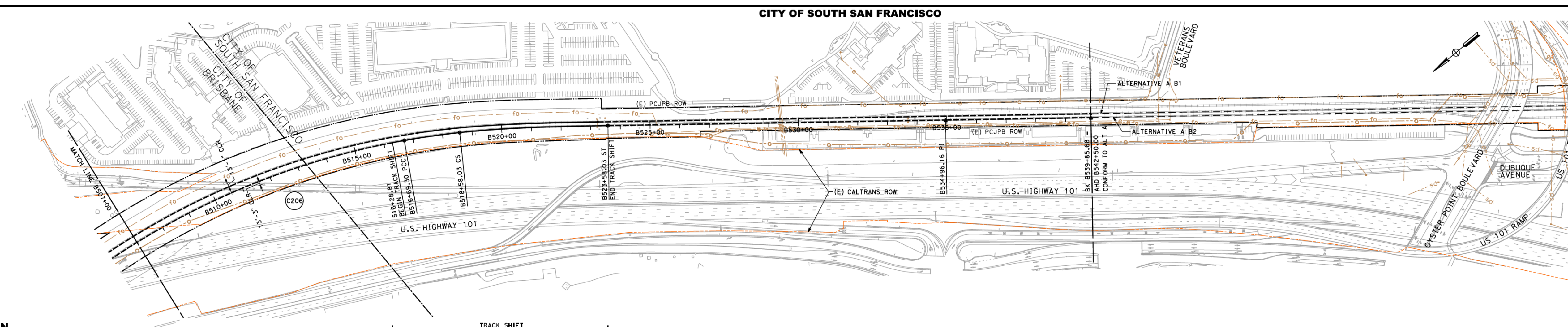
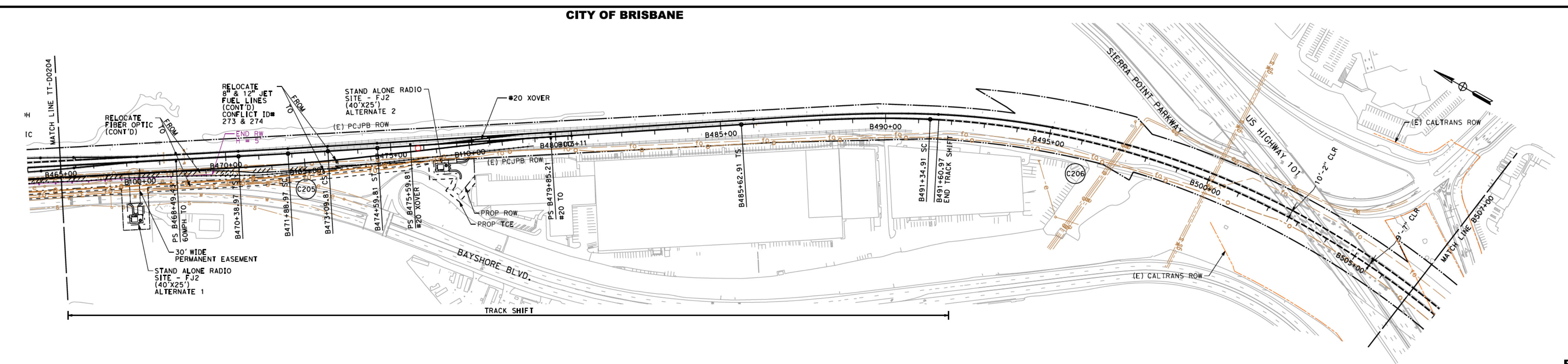


AT GRADE 4 TRACK SHIFT  
SCALE: 1"=20'  
"B" 430+00

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

SAN FRANCISCO TO SAN JOSE EIR/S: VOLUME III  
ALTERNATIVE B  
BOOK B1  
SHEET 4 OF 146

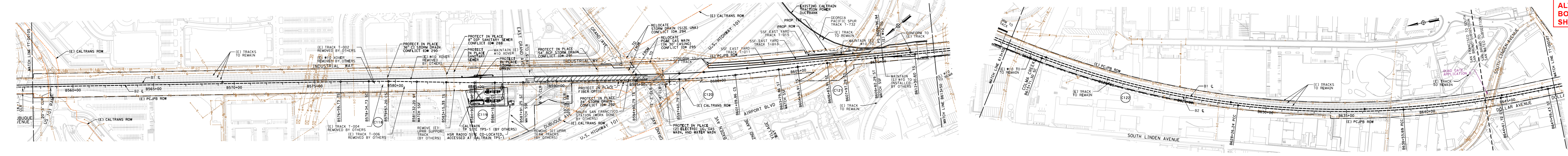
2021 RECORD SET PERD NOVEMBER 30, 2021 NOT FOR CONSTRUCTION	<b>HNTB</b> 1111 Broadway 9th Floor Oakland, CA 94607	<b>CALIFORNIA</b> High-Speed Rail Authority	<b>CALIFORNIA HIGH-SPEED TRAIN PROJECT</b> <b>SAN FRANCISCO TO SAN JOSE</b> ALTERNATIVE B COMPOSITE PLAN, PROFILE AND TYPICAL SECTIONS B375+00 TO B465+00	CONTRACT NO. HSR15-34 DRAWING NO. TT-D0204 SCALE AS SHOWN SHEET NO.
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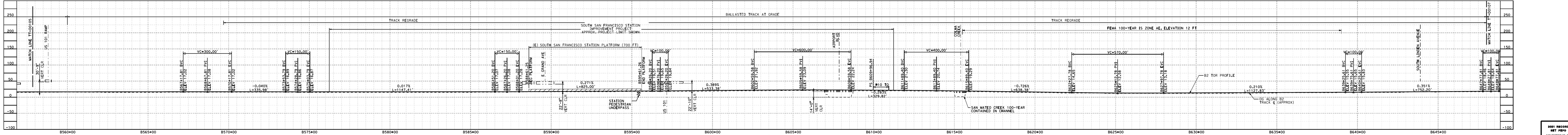
**NOTE:**  
1. REFER TO GENERAL NOTES DRAWING NO. GE-B0101 FOR NOTES.

**SAN FRANCISCO TO SAN JOSE EIR/S: VOLUME III**  
**ALTERNATIVE B**  
**BOOK B1**  
**SHEET 5 OF 146**

2021 RECORD SET PERD NOVEMBER 30, 2021 NOT FOR CONSTRUCTION	<b>HNTB</b> 1111 Broadway 9th Floor Oakland, CA 94607	<b>CALIFORNIA</b> High-Speed Rail Authority	<b>CALIFORNIA HIGH-SPEED TRAIN PROJECT</b> <b>SAN FRANCISCO TO SAN JOSE</b> ALTERNATIVE B COMPOSITE PLAN, PROFILE AND TYPICAL SECTIONS B465+00 TO B545+00	CONTRACT NO. HSR15-34 DRAWING NO. TT-D0205 SCALE AS SHOWN SHEET NO.
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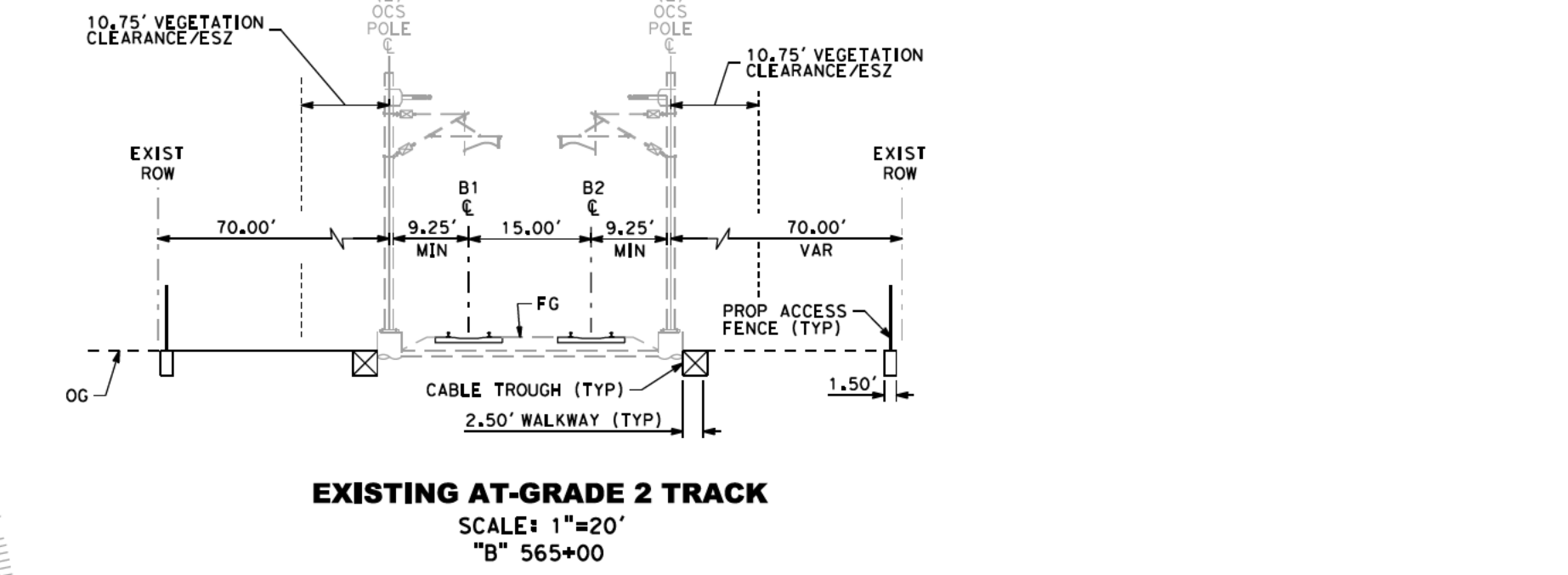


PLAN  
SCALE: 1"=200'

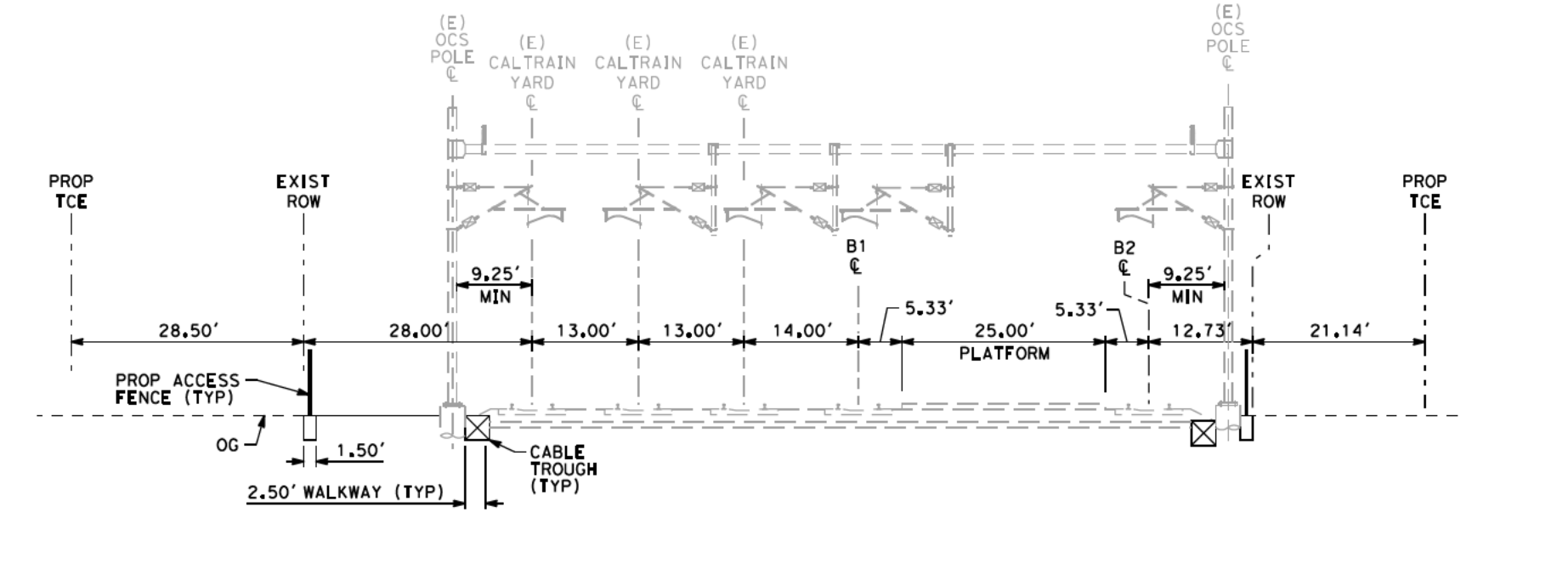


PROFILE  
SCALE: 1"=200' HOR, 1"=100' VERT

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



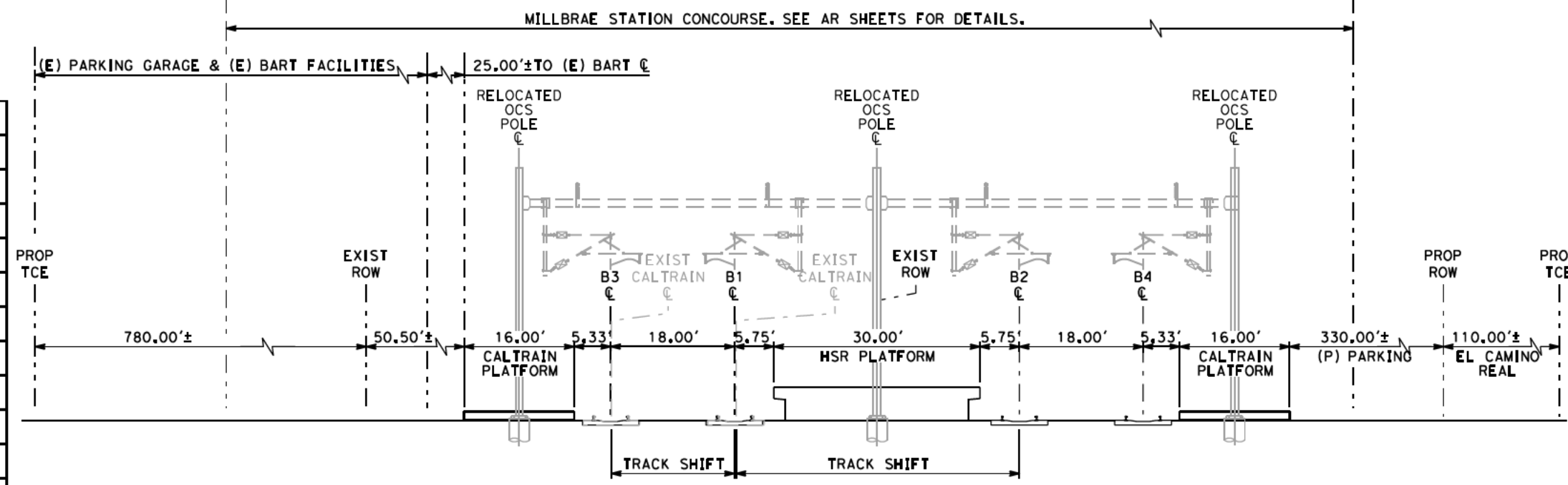
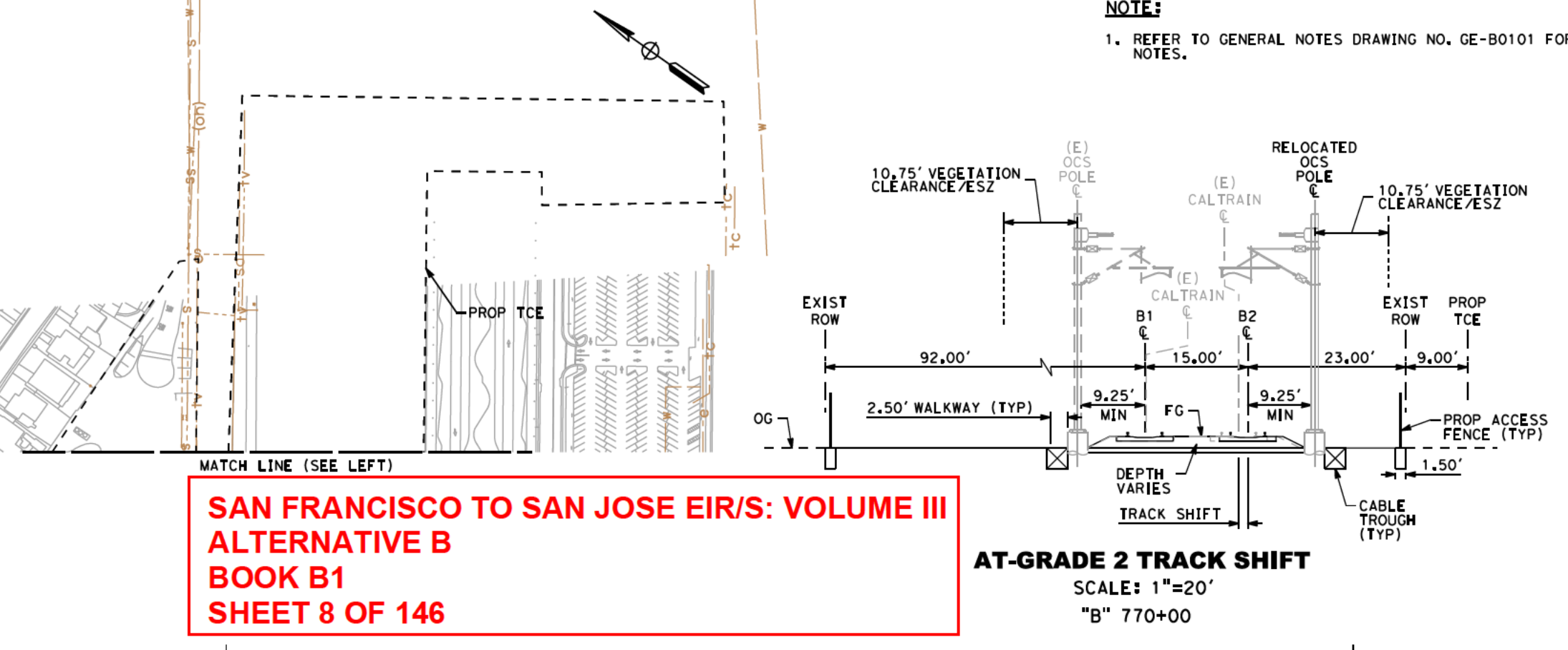
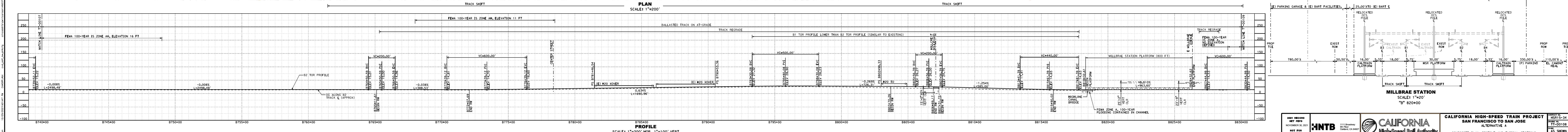
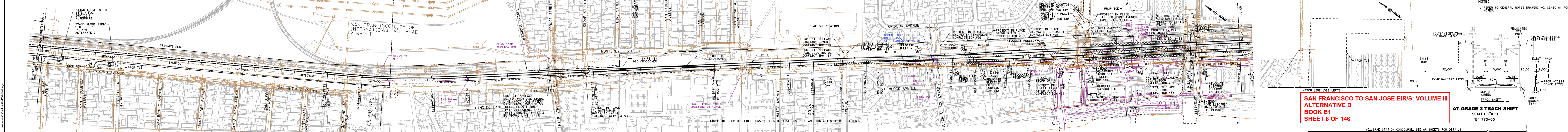
EXISTING AT-GRADE 2 TRACK  
SCALE: 1"=20'  
"B" 565+00



SOUTH SAN FRANCISCO STATION  
SCALE: 1"=20'  
"B" 595+00

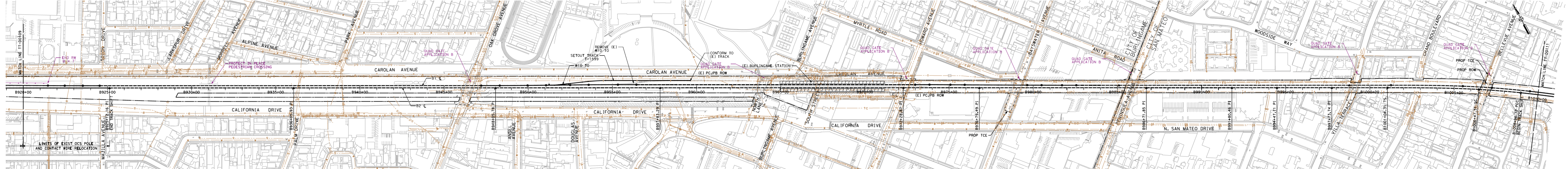
2021 RECORD SET PERD NOVEMBER 30, 2021 NOT FOR CONSTRUCTION	<b>HNTB</b> 1111 Broadway 9th Floor Oakland, CA 94607	<b>CALIFORNIA</b> High-Speed Rail Authority	<b>CALIFORNIA HIGH-SPEED TRAIN PROJECT</b> <b>SAN FRANCISCO TO SAN JOSE</b> ALTERNATIVE A COMPOSITE PLAN, PROFILE AND TYPICAL SECTIONS B57+50 TO B648+00	CONTRACT NO. HSR15-34 DRAWING NO. TT-D0106 SCALE AS SHOWN SHEET NO.
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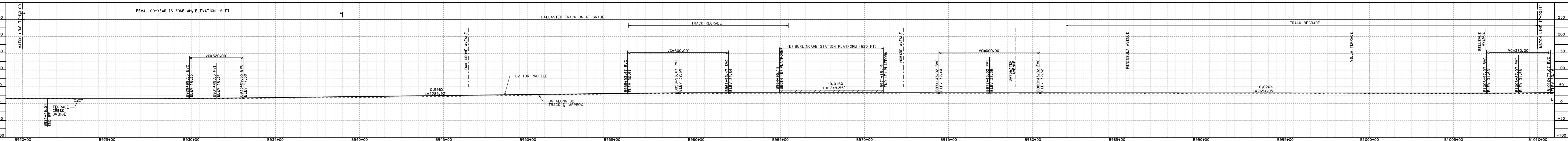




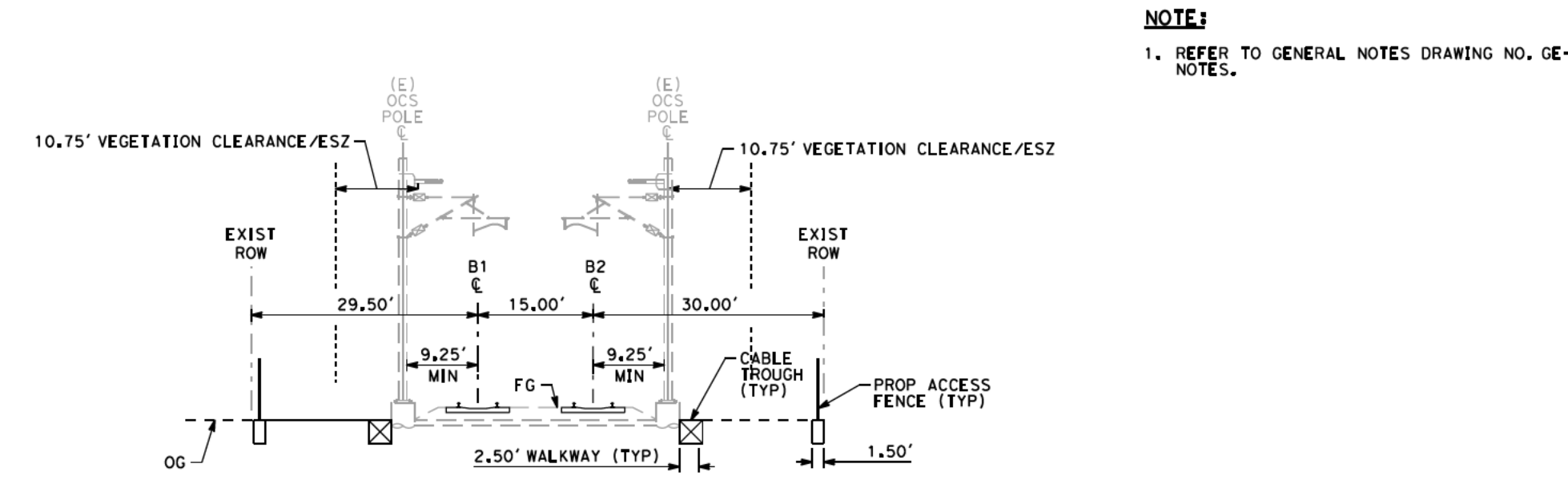




**PLAN**  
SCALE: 1"=200'

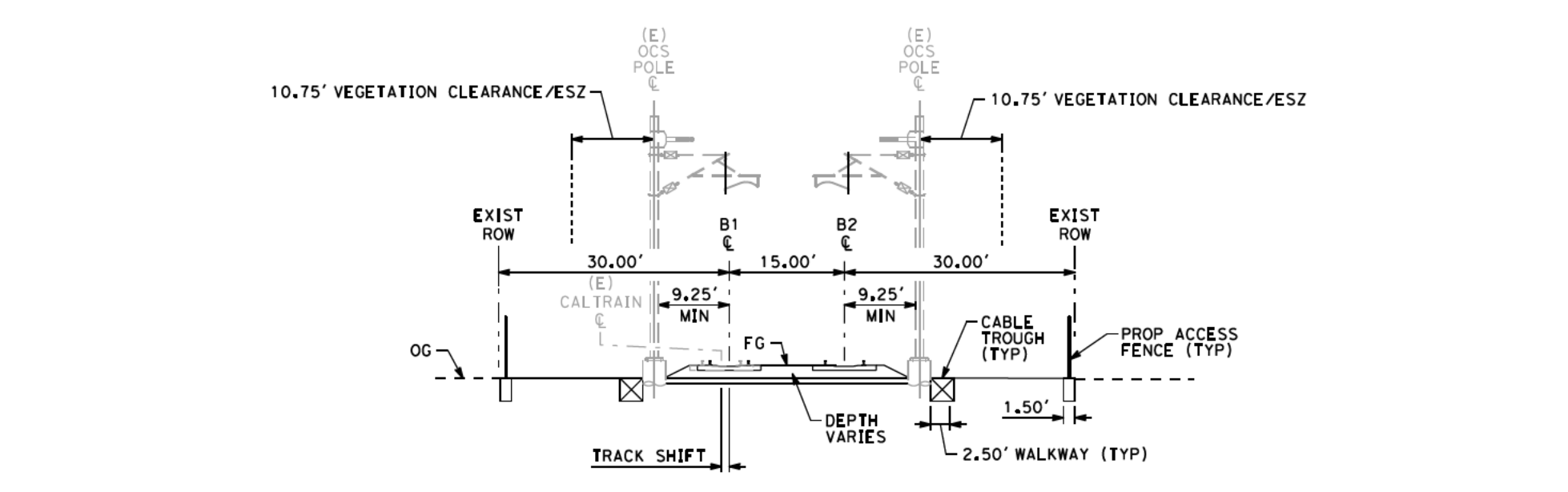


**PROFILE**  
SCALE: 1"=200' HOR, 1"=100' VERT



**EXISTING AT-GRADE 2 TRACK**  
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"B" 1000+00

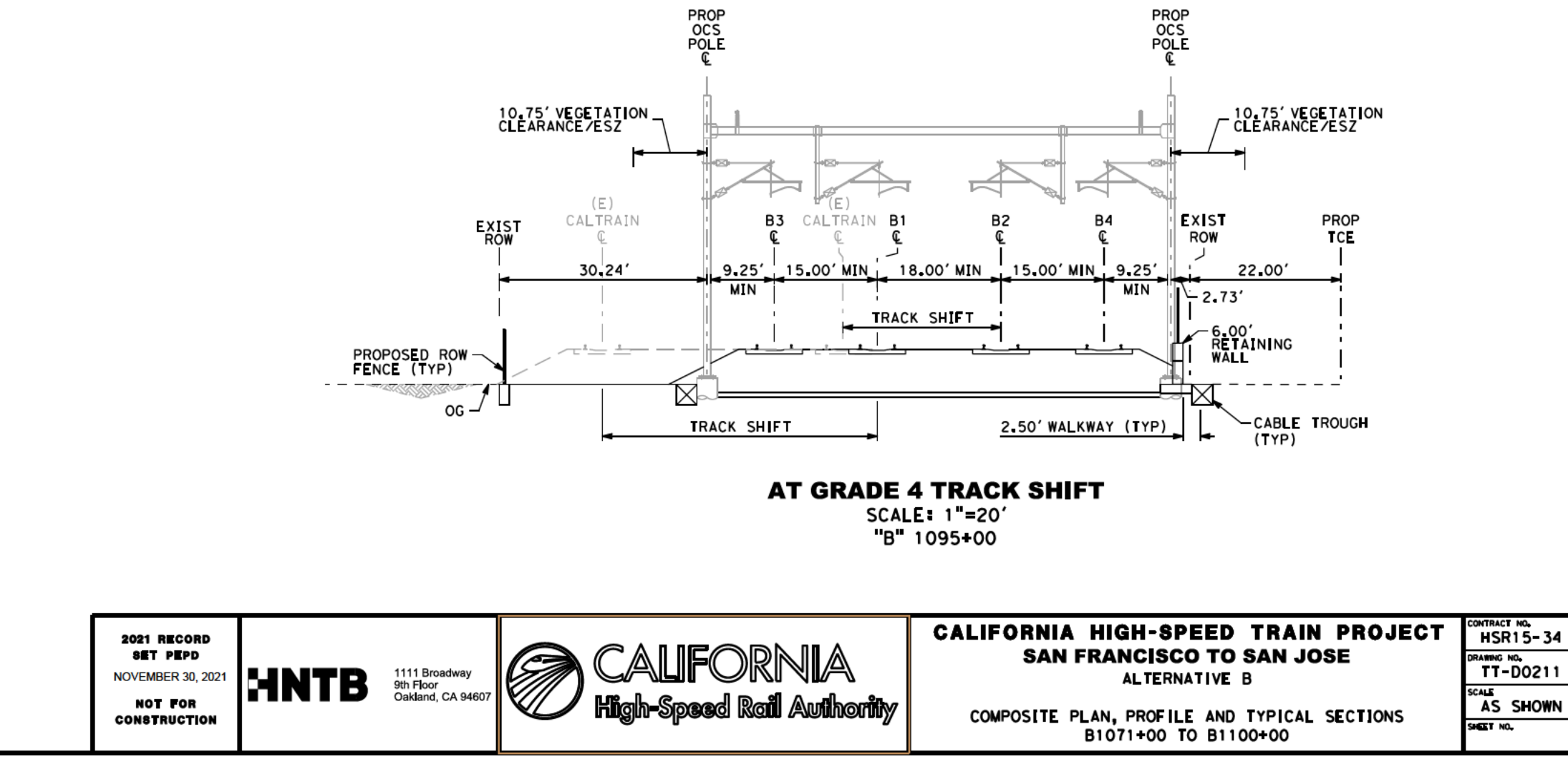
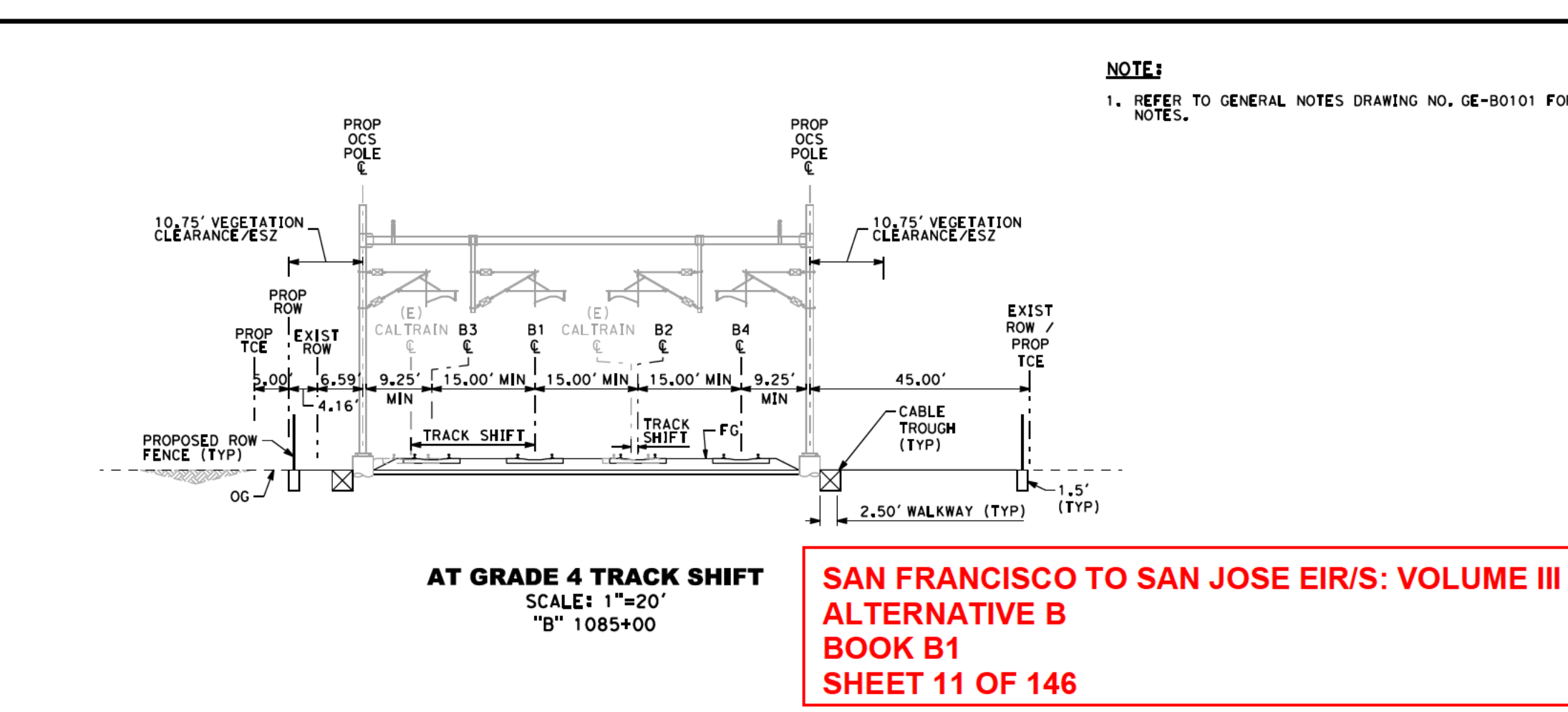
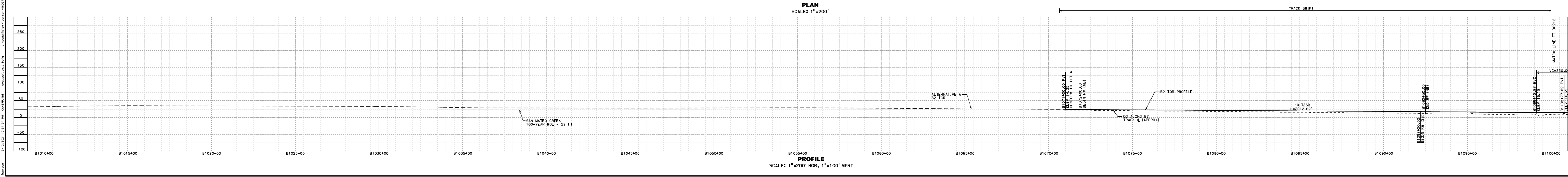
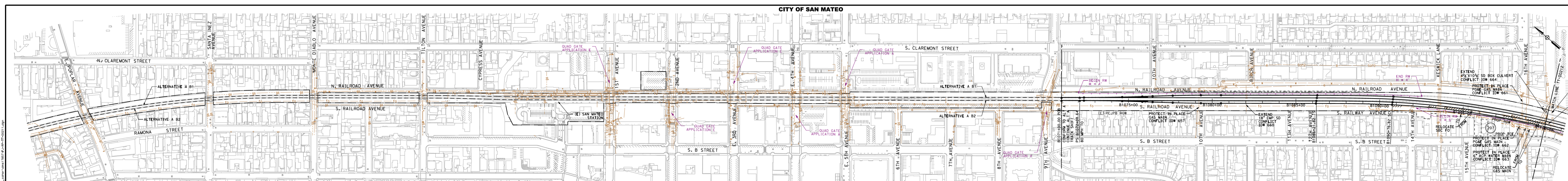
**SAN FRANCISCO TO SAN JOSE EIR/S: VOLUME III**  
**ALTERNATIVE B**  
**BOOK B1**  
**SHEET 10 OF 146**



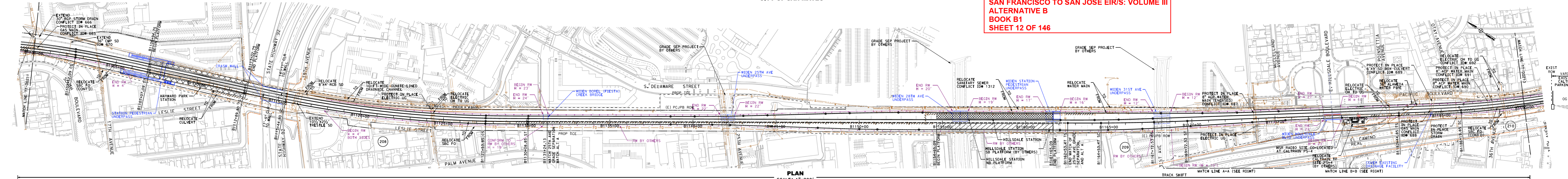
**AT-GRADE 2 TRACK SHIFT**  
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"B" 980+00

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

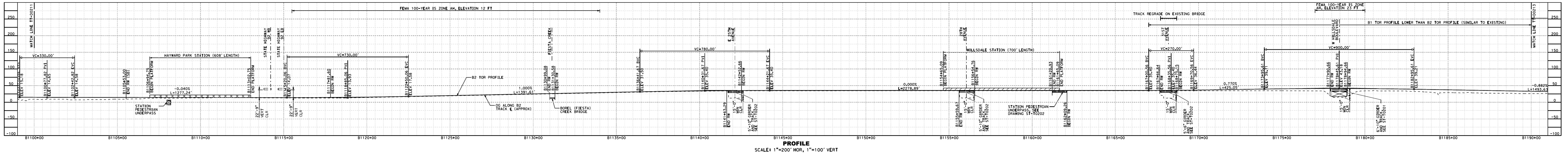
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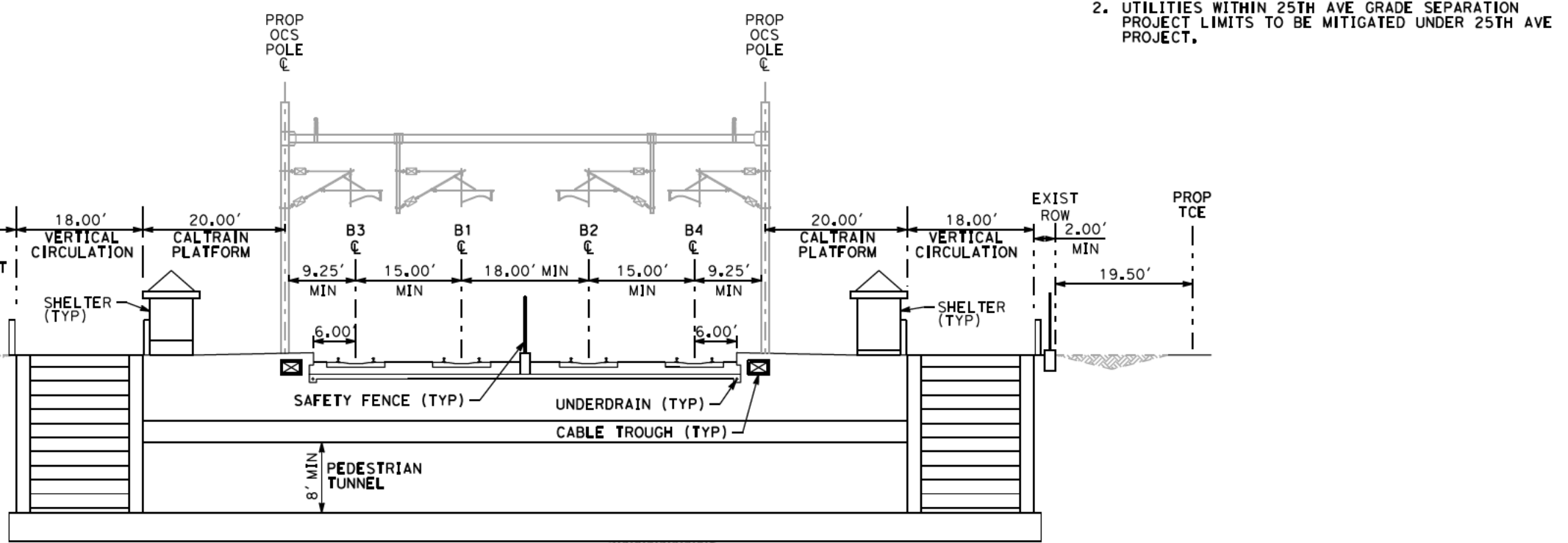
NOTE:  
1. REFER TO GENERAL NOTES DRAWING NO. GE-B0101 FOR NOTES.  
2. UTILITIES WITHIN 25TH AVE GRADE SEPARATION PROJECT LIMITS TO BE MITIGATED UNDER 25TH AVE PROJECT.



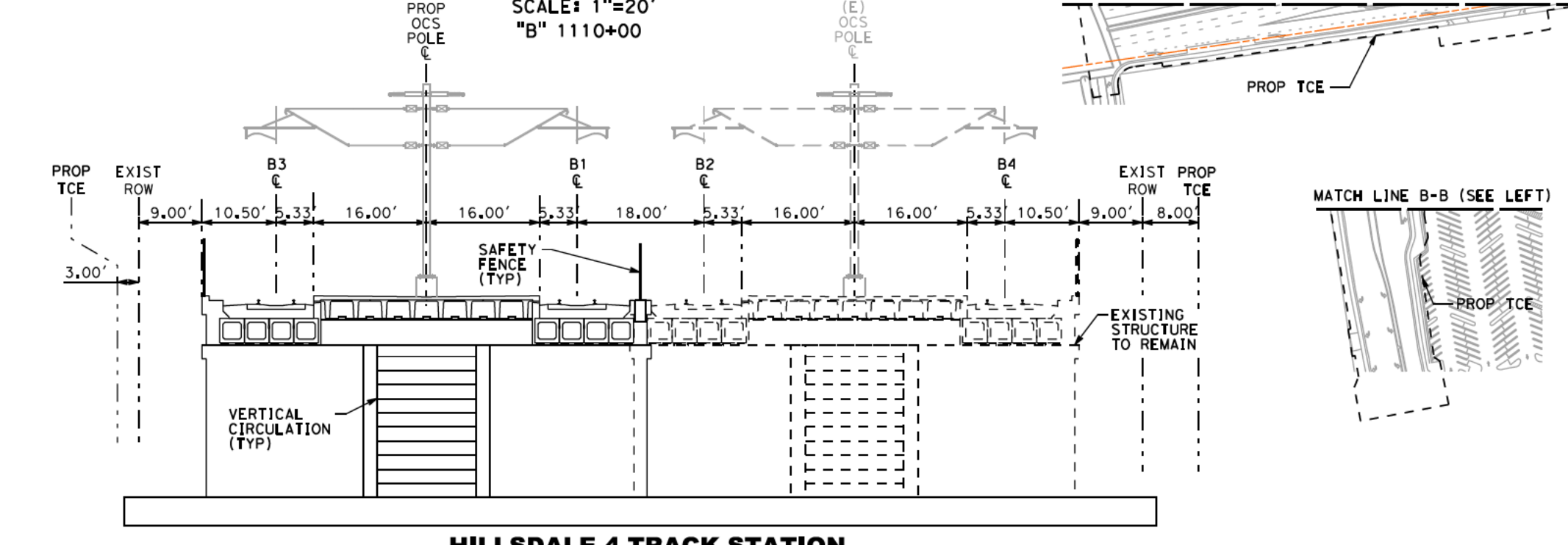
PLAN  
SCALE: 1"=200'



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



HAYWARD PARK 4 TRACK STATION  
SCALE: 1"=20'  
"B" 1110+00



HILLSDALE 4 TRACK STATION  
SCALE: 1"=20'  
"B" 1160+00

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<b>2021 RECORD SET PERD</b> NOVEMBER 30, 2021 <b>NOT FOR CONSTRUCTION</b>	<b>HNTB</b> 1111 Broadway 9th Floor Oakland, CA 94607		<b>CALIFORNIA HIGH-SPEED TRAIN PROJECT</b> <b>SAN FRANCISCO TO SAN JOSE</b> ALTERNATIVE B		CONTRACT NO. HSR15-34
			COMPOSITE PLAN, PROFILE AND TYPICAL SECTIONS B1100+00 TO B1190+00		DRAWING NO. TT-02012 SCALE AS SHOWN SHEET NO.

