

California High-Speed Rail Authority

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



**SAN FRANCISCO TO SAN JOSE EIR/S: VOLUME III
ALTERNATIVE A
BOOK A1
SHEET 1 TO 13 OF 106**

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 A1	A	COVER		4TH & KING TO W. ALMA	ALTERNATIVE A		
BOOK A1	B	GE-A1101	SAN FRANCISCO TO SOUTH SAN FRANCISCO, SAN BRUNO TO PALO ALTO	4TH & KING TO CALTRAIN BELMONT STATION	INDEX OF DRAWINGS	SHEET 1 OF 5	
BOOK A1	C	GE-D1101	GENERAL	ENTIRE ALTERNATIVE	KEY MAP	COMPOSITE PLAN	SHEET 1 OF 3
BOOK A1	D	GE-D1102	GENERAL	ENTIRE ALTERNATIVE	KEY MAP	COMPOSITE PLAN	SHEET 2 OF 3
BOOK A1	E	GE-D1103	GENERAL	ENTIRE ALTERNATIVE	KEY MAP	COMPOSITE PLAN	SHEET 3 OF 3
BOOK A1	F	GE-D1104	GENERAL	ENTIRE ALTERNATIVE	KEY MAP	SYSTEM SITES	

COMPOSITE PLAN, PROFILE AND TYPICAL SECTIONS							
BOOK A1	1	TT-D0101	SAN FRANCISCO TO SOUTH SAN FRANCISCO	4TH & KING / 22ND ST	ALTERNATIVE A	COMPOSITE PLAN, PROFILE AND TYPICAL SECTIONS	B100+00 TO B195+00
BOOK A1	2	TT-D0102	SAN FRANCISCO TO SOUTH SAN FRANCISCO	23RD ST / I-280 / VENUS ST	ALTERNATIVE A	COMPOSITE PLAN, PROFILE AND TYPICAL SECTIONS	B195+00 TO B285+00
BOOK A1	3	TT-D0103	SAN FRANCISCO TO SOUTH SAN FRANCISCO	HWY 101 / BAYSHORE BLVD	ALTERNATIVE A	COMPOSITE PLAN, PROFILE AND TYPICAL SECTIONS	B285+00 TO B375+00
BOOK A1	4	TT-D0104	SAN FRANCISCO TO SOUTH SAN FRANCISCO	TUNNEL AVE	ALTERNATIVE A	COMPOSITE PLAN, PROFILE AND TYPICAL SECTIONS	B375+00 TO B465+00
BOOK A1	5	TT-D0105	SAN FRANCISCO TO SOUTH SAN FRANCISCO	BAYSHORE BLVD / HWY 101	ALTERNATIVE A	COMPOSITE PLAN, PROFILE AND TYPICAL SECTIONS	B465+00 TO B557+50
BOOK A1	6	TT-D0106	SAN FRANCISCO TO SOUTH SAN FRANCISCO / SAN BRUNO TO SAN MATEO	HWY 101 / S. LINDEN AVE	ALTERNATIVE A	COMPOSITE PLAN, PROFILE AND TYPICAL SECTIONS	B557+50 TO B648+00
BOOK A1	7	TT-D0107	SAN BRUNO TO SAN MATEO	I-380 / SAN BRUNO AVE / SFO	ALTERNATIVE A	COMPOSITE PLAN, PROFILE AND TYPICAL SECTIONS	B648+00 TO B740+00
BOOK A1	8	TT-D0108	SAN BRUNO TO SAN MATEO	SFO / MILLBRAE CALTRAIN STATION	ALTERNATIVE A	COMPOSITE PLAN, PROFILE AND TYPICAL SECTIONS	B740+00 TO B830+00
BOOK A1	9	TT-D0109	SAN BRUNO TO SAN MATEO	CALIFORNIA DR / BROADWAY CALTRAIN STATION	ALTERNATIVE A	COMPOSITE PLAN, PROFILE AND TYPICAL SECTIONS	B830+00 TO B920+00
BOOK A1	10	TT-D0110	SAN BRUNO TO SAN MATEO	BURLINGAME CALTRAIN STATION	ALTERNATIVE A	COMPOSITE PLAN, PROFILE AND TYPICAL SECTIONS	B920+00 TO B1010+00
BOOK A1	11	TT-D0111	SAN BRUNO TO SAN MATEO / SAN MATEO TO PALO ALTO	CALTRAIN SAN MATEO STATION / N. RAILROAD AVE / 16TH AVE	ALTERNATIVE A	COMPOSITE PLAN, PROFILE AND TYPICAL SECTIONS	B1010+00 TO B1100+00
BOOK A1	12	TT-D0112	SAN MATEO TO PALO ALTO	CALTRAIN HAYWARD PARK STATION / HWY 92 / CALTRAIN HILLSDALE STATION	ALTERNATIVE A	COMPOSITE PLAN, PROFILE AND TYPICAL SECTIONS	B1100+00 TO B1190+00
BOOK A1	13	TT-D0113	SAN MATEO TO PALO ALTO	EL CAMINO REAL / CALTRAIN BELMONT STATION	ALTERNATIVE A	COMPOSITE PLAN, PROFILE AND TYPICAL SECTIONS	B1190+00 TO B1280+00

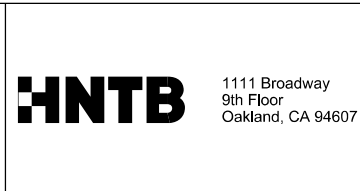
**SAN FRANCISCO TO SAN JOSE EIR/S: VOLUME III
ALTERNATIVE A
BOOK A1
SHEET B**

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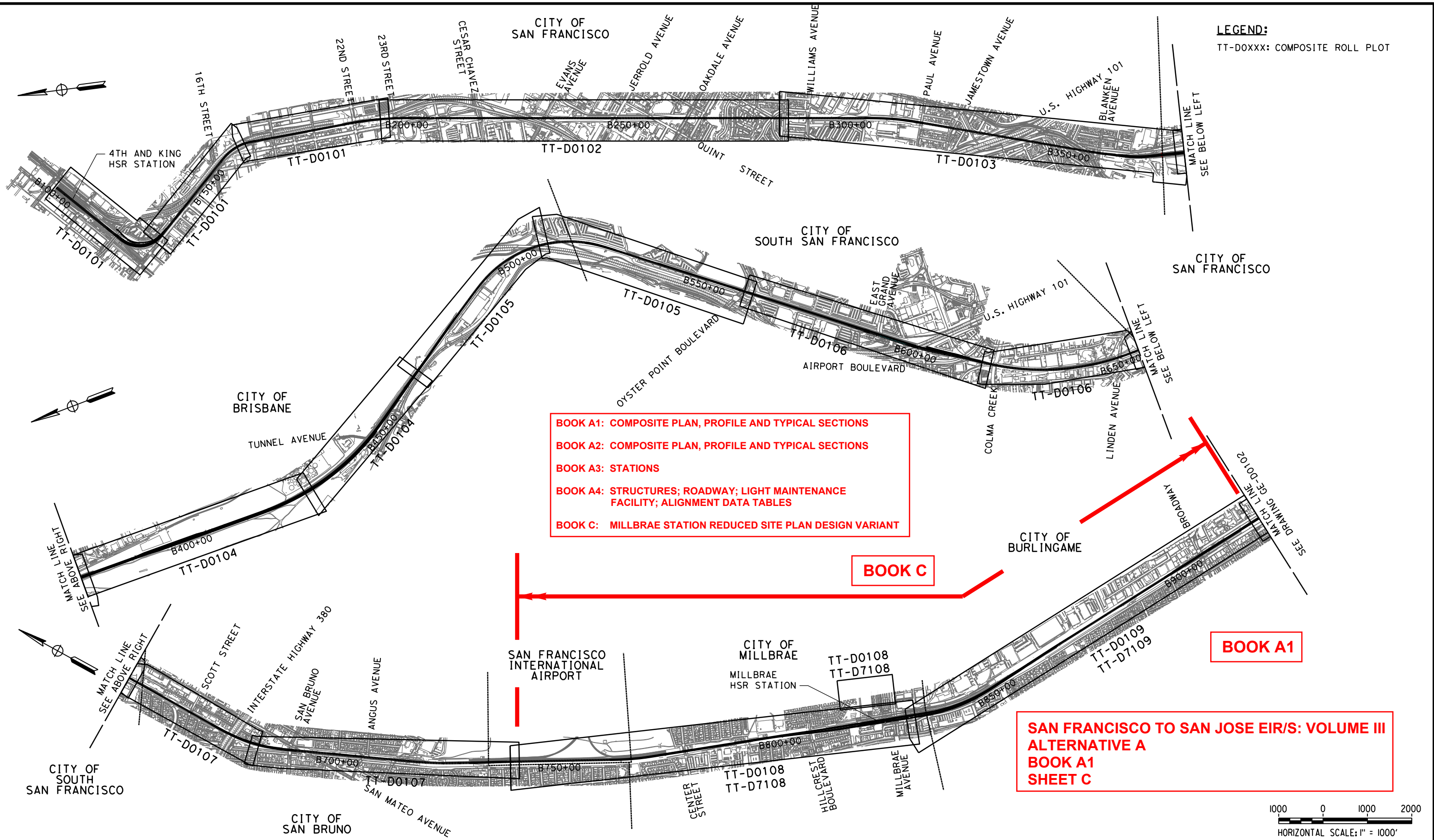
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2021 RECORD SET PEPP
NOVEMBER 30, 2021
NOT FOR CONSTRUCTION



**CALIFORNIA HIGH-SPEED TRAIN PROJECT
SAN FRANCISCO TO SAN JOSE**
ALTERNATIVE A
INDEX OF DRAWINGS
SHEET 1 OF 5

CONTRACT NO.	HSR15-34
DRAWING NO.	GE-A1101
SCALE	NONE
SHEET NO.	



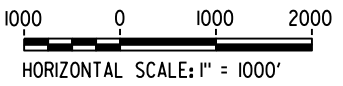
LEGEND:
TT-DOXXX: COMPOSITE ROLL PLOT

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 A1
SHEET C



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DATE	

HNTB 1111 Broadway
9th Floor
Oakland, CA 94607

CALIFORNIA
High-Speed Rail Authority

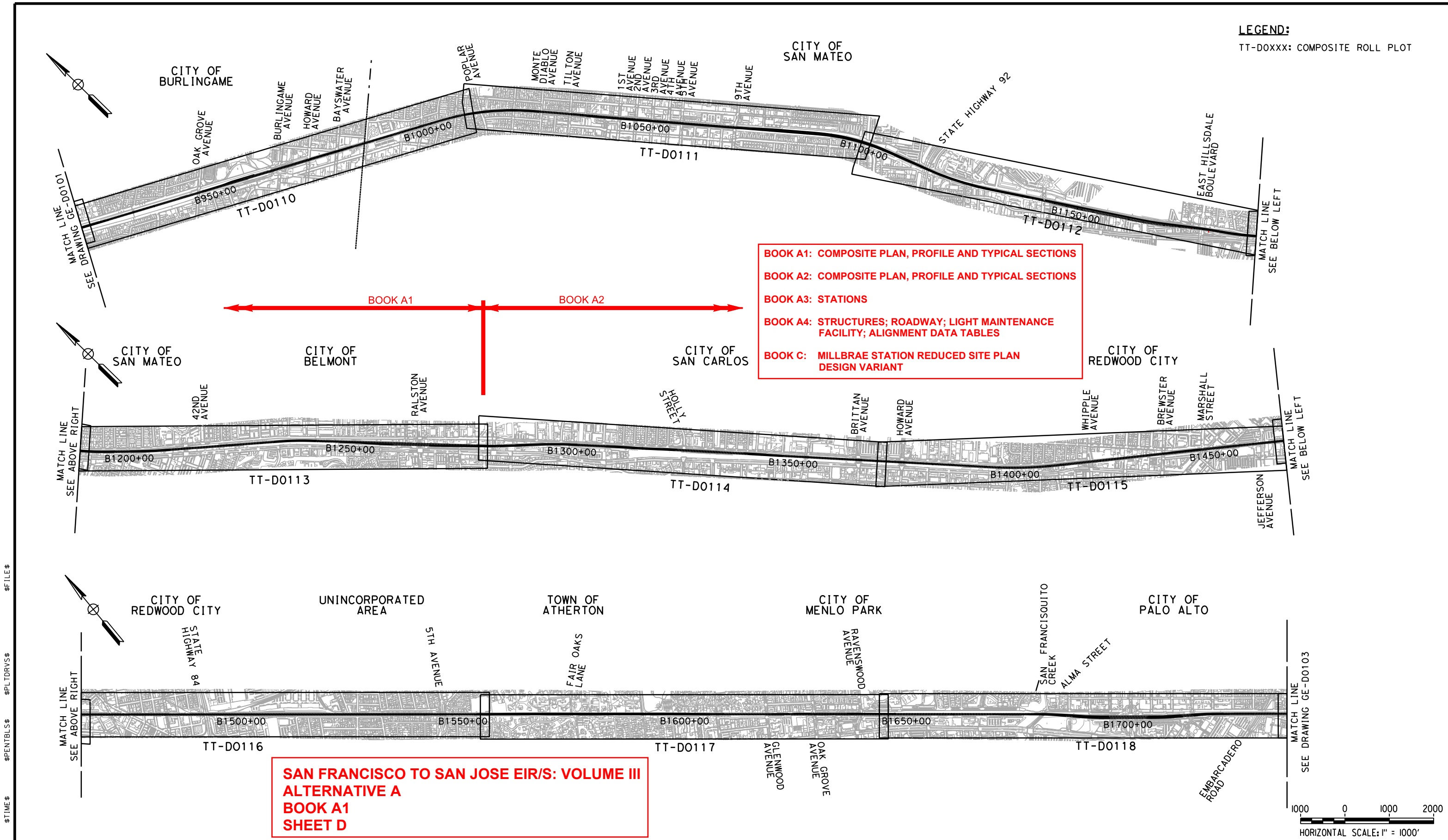
CALIFORNIA HIGH-SPEED TRAIN PROJECT
SAN FRANCISCO TO SAN JOSE
 ALTERNATIVE A
 KEY MAP
 COMPOSITE PLAN
 SHEET 1 OF 3

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 A1
SHEET D**



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 NOVEMBER 30, 2021

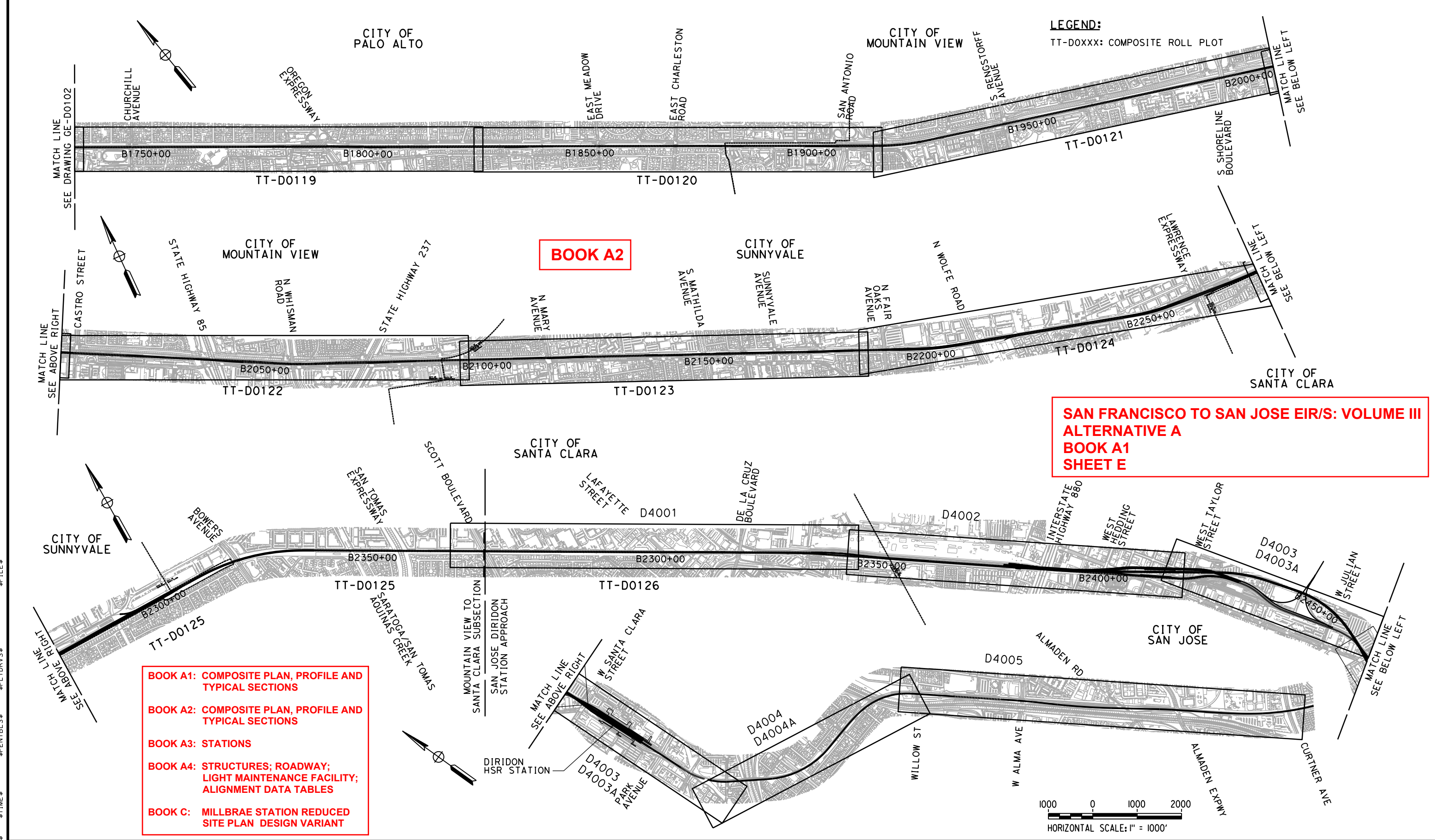
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 Oakland, CA 94607



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

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



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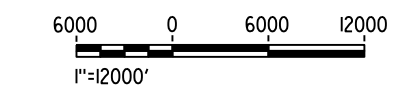
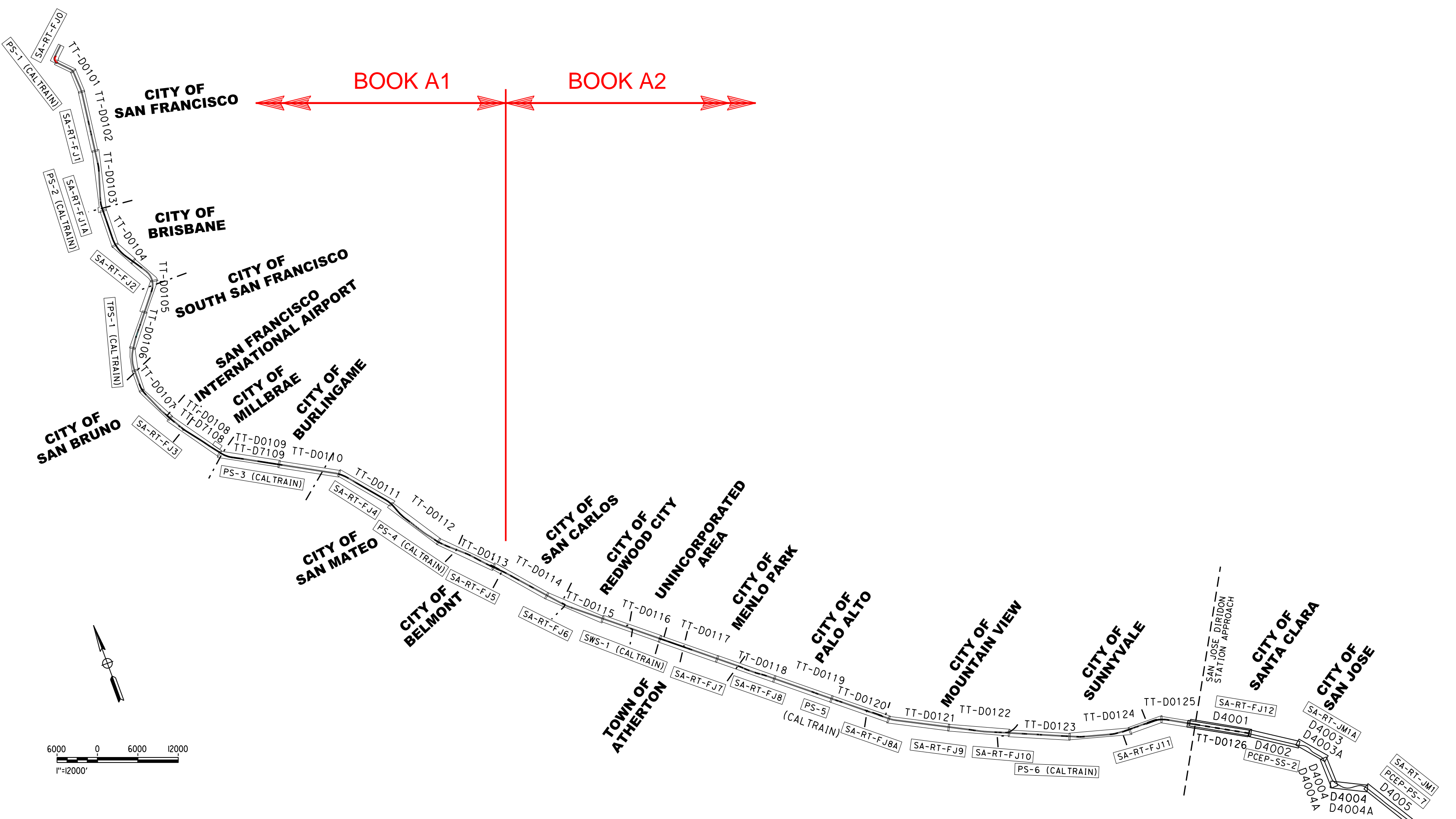
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High-Speed Rail Authority

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.

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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	Mariposa PS-1 (Caltrain)	PCEP-PS-1	3.86			Radio Tower PS-1 (Caltrain)	0.99	Mariposa St
162+58	CALTRAIN TUNNEL 1 - NORTH PORTAL							
167+09	CALTRAIN TUNNEL 1 - SOUTH PORTAL							
185+27	CALTRAIN TUNNEL 2 - NORTH PORTAL							
198+80	CALTRAIN TUNNEL 2 - SOUTH PORTAL							
209+69						Stand Alone Radio Tower FJ1 - Alt 1		Jerrold Ave
245+49						to RT 4th & King Sta	2.56	
258+78						to RT PS-1	1.57	
258+78						Stand Alone Radio Tower FJ1 - Alt 2		Newcomb Ave
258+78						to RT 4th & King Sta	2.81	
258+78						to RT PS-1	1.82	
264+92	CALTRAIN TUNNEL 3 - NORTH PORTAL							
288+52	CALTRAIN TUNNEL 3 - SOUTH PORTAL							
322+20	CALTRAIN TUNNEL 4 - NORTH PORTAL							
357+57	CALTRAIN TUNNEL 4 - SOUTH PORTAL							
358+50						Stand Alone Radio Tower FJ1A		Blanken Ave
358+50						to SA-RT FJ1 - Alt 1	2.14	
358+50						to SA-RT FJ1 - Alt 2	1.89	
366+50	Bayshore PS-2 (Caltrain)	PCEP-PS-2	3.86					Recycle Road
407+30	To Caltrain PS-1		4.09					
467+30						Stand Alone Radio Tower FJ2 - Alt 1		Bayshore Boulevard
467+30						to SA-RT FJ1A	2.06	
476+65						Stand Alone Radio Tower FJ2 - Alt 2		Bayshore Boulevard
476+65						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
585+00	To Caltrain PS-2		5.73			to SA-RT FJ2 - Alt 1	2.18	
585+00	To Caltrain PS-3		36.21			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						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
745+23						to RT TPS-1	2.99	
890+00	Broadway PS-3 (Caltrain)	PCEP-PS-3	5.73			Radio Tower PS-3 (Caltrain)		Lincoln Ave
1038+91	To SA-RT FJ3 - Alt 1		5.48			to SA-RT FJ3 - Alt 2	2.74	
1038+91	To Caltrain PS-4					Stand Alone Radio Tower FJ4 - Alt 1		Cypress Avenue
1038+91						to RT PS-3	2.82	
1046+13						Stand Alone Radio Tower FJ4 - Alt 2		2nd Avenue
1046+13						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
1179+32	To Caltrain PS-3		5.89			to SA-RT FJ4 - Alt 1	2.66	
1179+32	To Caltrain SWS-1					to SA-RT FJ4 - Alt 2	2.52	
1257+62						Stand Alone Radio Tower FJ5 - Alt 1		Middle Road
1257+62						to RT PS-4	1.48	
1269+19						Stand Alone Radio Tower FJ5 - Alt 2		Ralston Avenue
1269+19						to RT PS-4	1.70	
1383+23						Stand Alone Radio Tower FJ6 - Alt 1		El Camino Real/Central Avenue
1383+23						to SA-RT FJ5 - Alt 1	2.38	
1383+23						to SA-RT FJ5 - Alt 2	2.16	
1387+77						Stand Alone Radio Tower FJ6 - Alt 1		Center Street
1387+77						to SA-RT FJ5 - Alt 1	2.46	
1387+77						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
1495+25	To Caltrain PS-4		17.10			to SA-RT FJ6 - Alt 2	2.03	
1495+25	To Caltrain PS-5		19.11			to SA-RT FJ6 - Alt 1	1.94	
1627+06						Stand Alone Radio Tower FJ7 - Alt 1		Derby Lane
1627+06						to RT SWS-1	2.50	
1638+84						Stand Alone Radio Tower FJ7 - Alt 2		Ravenswood Avenue
1638+84						to RT SWS-1	2.72	
1725+76						Stand Alone Radio Tower FJ8 - Alt 1		Addison Avenue
1725+76						to SA-RT FJ7 - Alt 1	1.87	
1725+76						to SA-RT FJ7 - Alt 2	1.65	
1728+64						Stand Alone Radio Tower FJ8 - Alt 2		Embarcadero Road
1728+64						to SA-RT FJ7 - Alt 1	1.92	
1728+64						to SA-RT FJ7 - Alt 2	1.70	
1801+90	West Meadow PS-5 (Caltrain)	PCEP-PS-5	5.81			Radio Tower PS-5 (Caltrain)		
1801+90	To Caltrain SWS-1		6.69			to RT SWS-1	2.57	
1801+90	To Caltrain PS-6					to SA-RT FJ8 - Alt 2	2.52	
1861+61						Stand Alone Radio Tower FJ8A - Alt 1		E. Charleston Road
1861+61						to SA-RT FJ8 - Alt 1	2.57	
1861+61						to SA-RT FJ8 - Alt 2	2.52	
1865+41						Stand Alone Radio Tower FJ8A - Alt 1		Park Boulevard
1865+41						to SA-RT FJ8 - Alt 1	2.64	
1865+41						to SA-RT FJ8 - Alt 2	2.59	
1991+97						Stand Alone Radio Tower FJ9 - Alt 1		N. Shoreline Boulevard
1991+97						to SA-RT FJ8A - Alt 2	2.47	
1991+97						to SA-RT FJ8A - Alt 1	2.40	
1998+51						Stand Alone Radio Tower FJ9 - Alt 2		N. Shoreline Boulevard
1998+51						to SA-RT FJ8A - Alt 1	2.52	
1998+51						to SA-RT FJ8A - Alt 2	2.59	
2091+76						Stand Alone Radio Tower FJ10 - Alt 1		E. Bernardo Avenue
2091+76						to SA-RT FJ9 - Alt 1	1.89	
2091+76						to SA-RT FJ9 - Alt 2	1.77	
2093+59						Stand Alone Radio Tower FJ10 - Alt 2		E. Bernardo Avenue
2093+59						to SA-RT FJ9 - Alt 1	1.92	
2093+59						to SA-RT FJ9 - Alt 2	1.80	
2154+99	Sunnyvale PS-6 (Caltrain)	PCEP-PS-6	6.62			Radio Tower PS-6 (Caltrain)		Mathilda Avenue
2154+99	To Caltrain TPS-2					to SA-RT FJ10 - Alt 1	1.20	
2154+99						to SA-RT FJ10 - Alt 2	1.16	
2268+87						Stand Alone Radio Tower FJ11 - Alt 1		Lawrence Expressway
2268+87						to RT PS-6	2.57	
2290+53						Stand Alone Radio Tower FJ11 - Alt 2		Lawrence Expressway
2290+53						to RT PS-6	2.16	
2375+19	End of San Francisco to San Jose Section (FJ)							

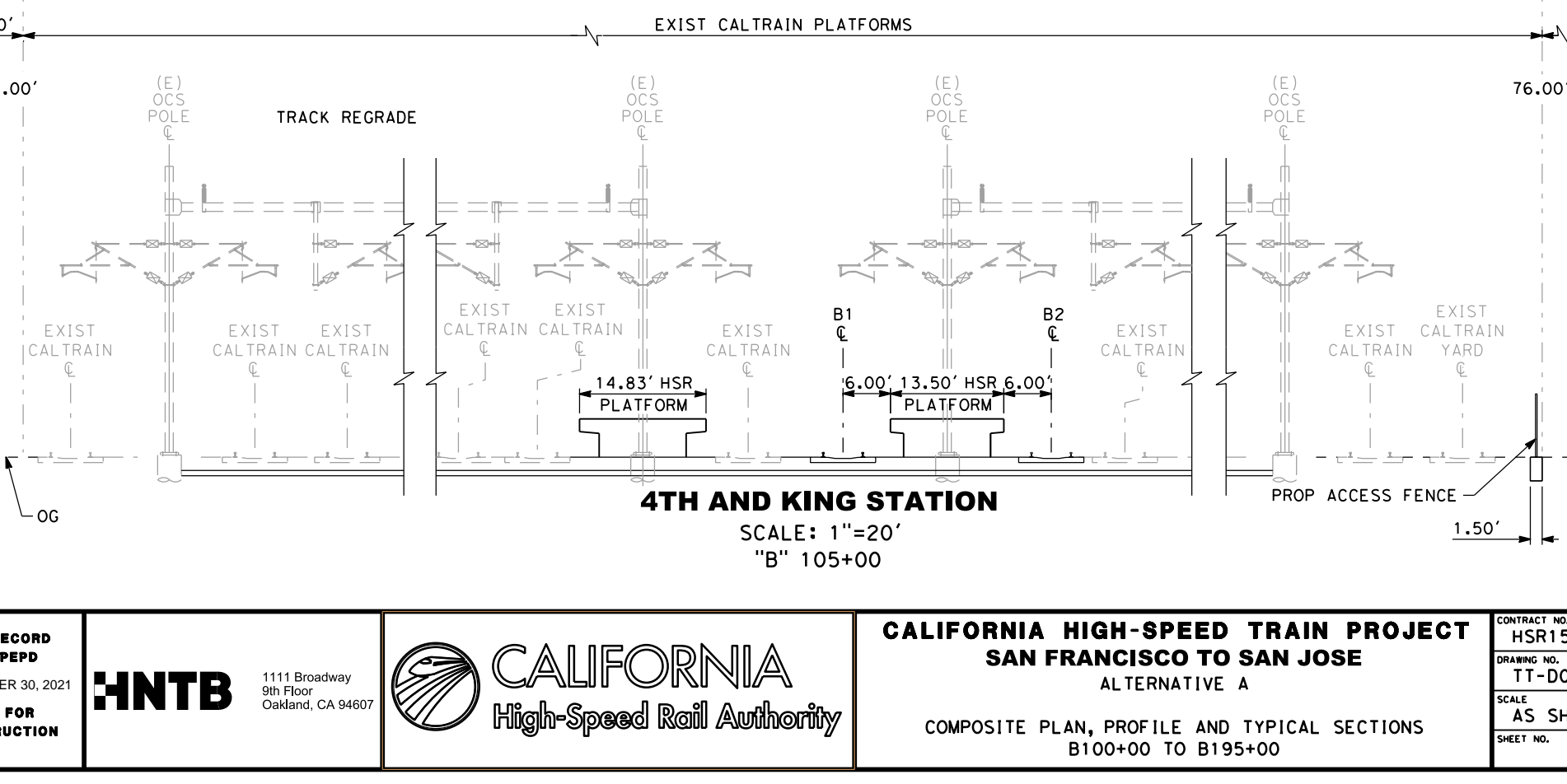
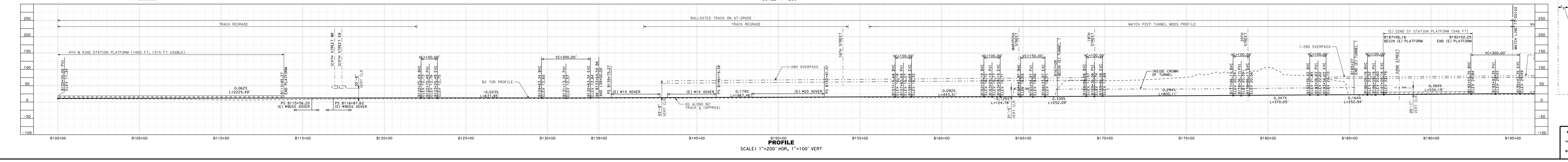
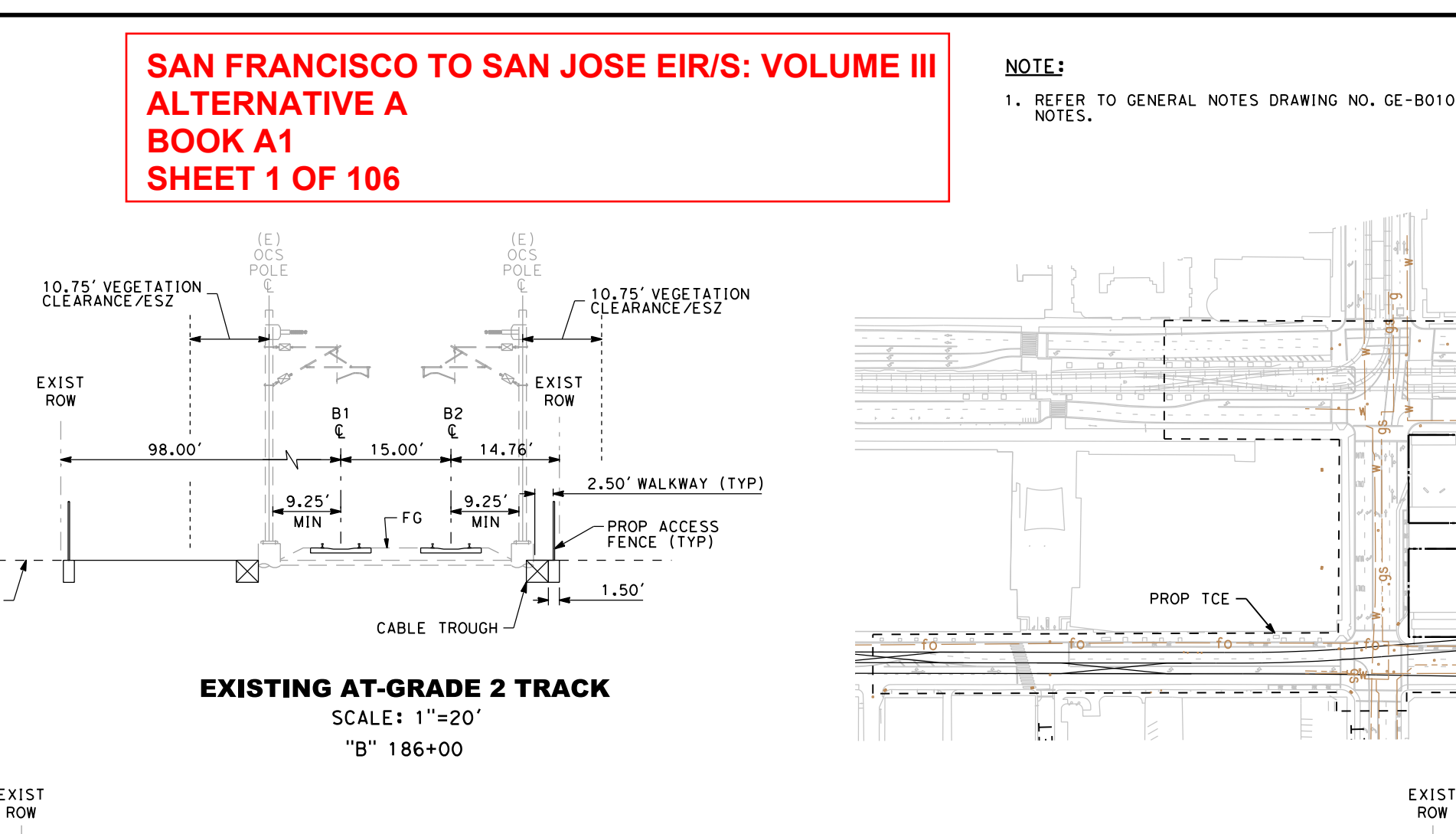
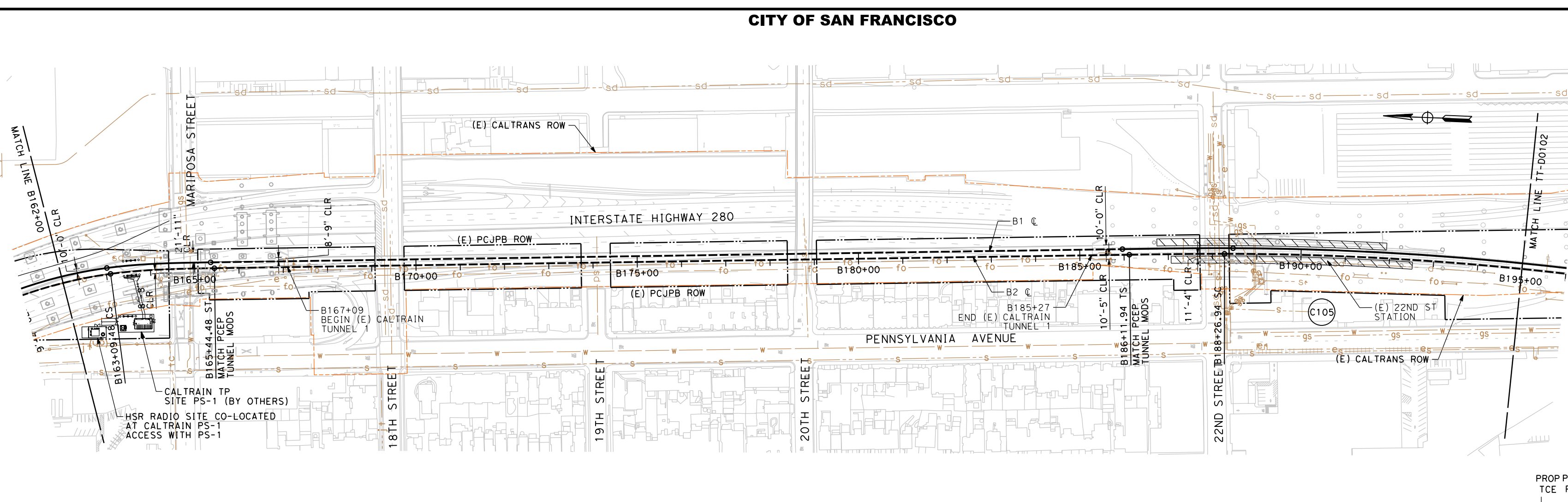
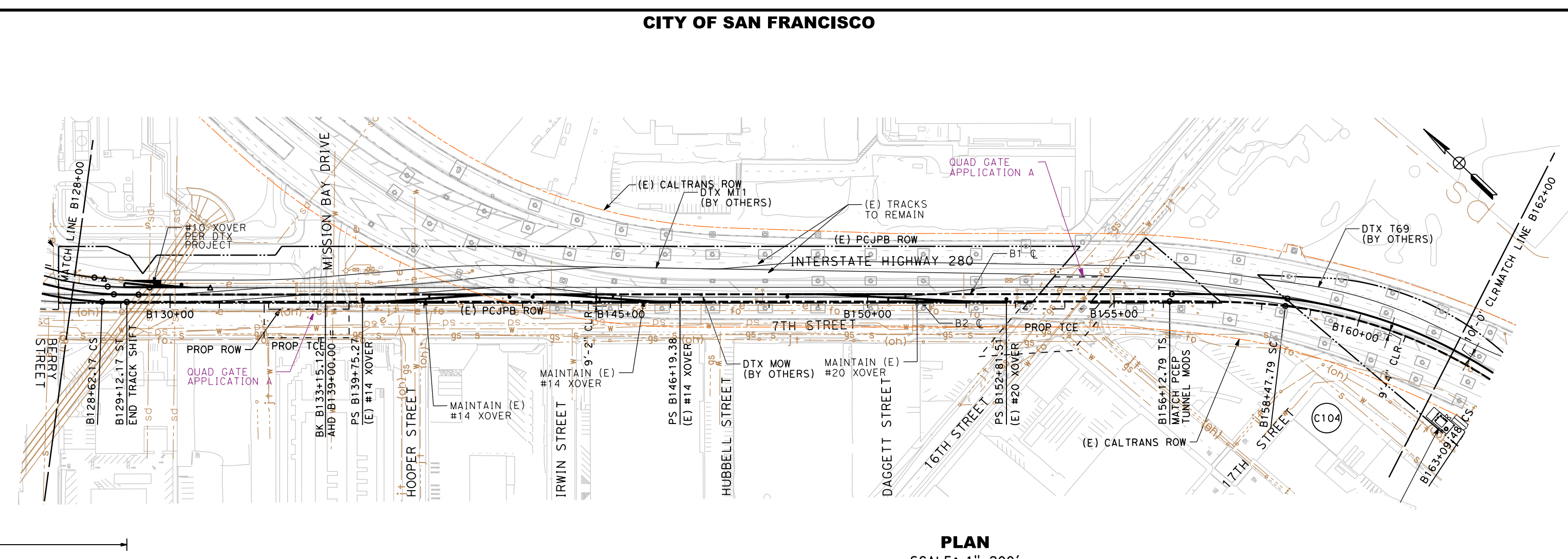
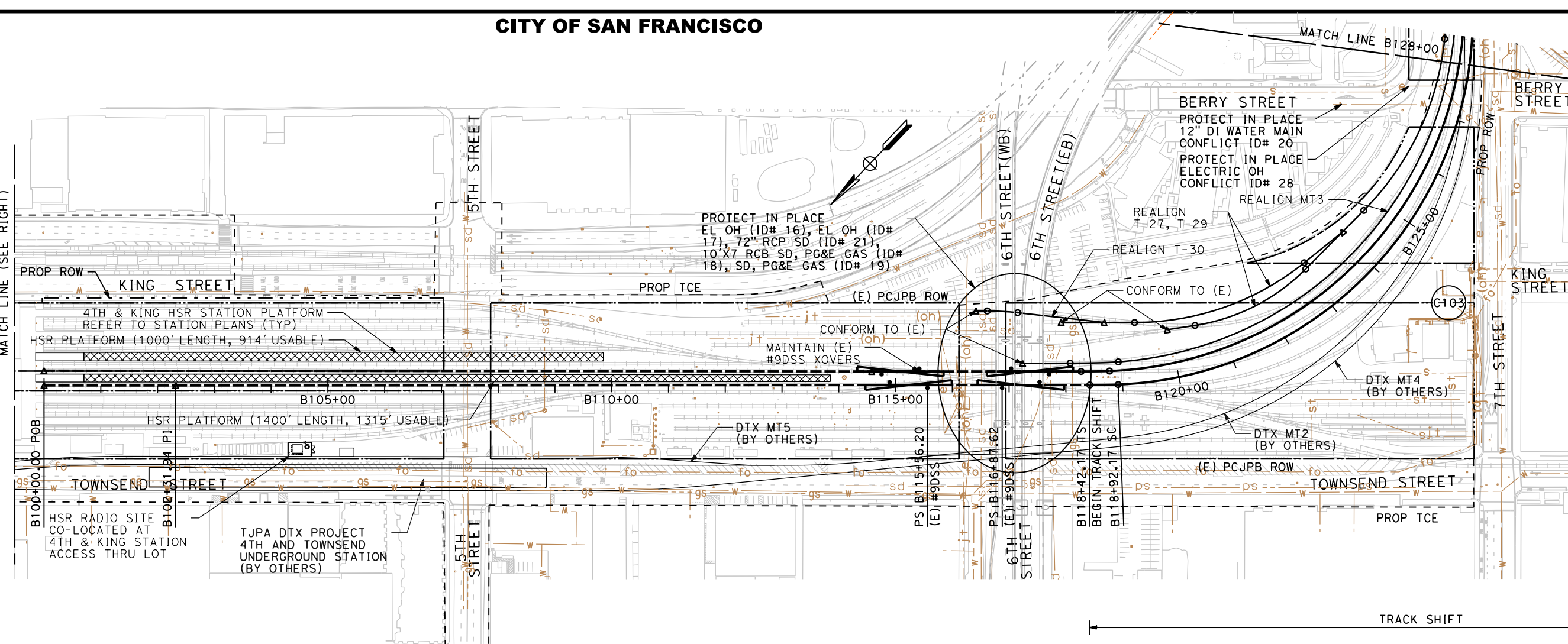
ALTERNATIVE A (CONTINUED)

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						Stand Alone Radio Tower FJ12 - Alt 1		Scott Boulevard
2874+71						to SA-RT FJ11 - Alt 1	2.05	
2874+71						to SA-RT FJ11 - Alt 2	1.64	
2899+66						Stand Alone Radio Tower FJ12 - Alt 2		Lafayette Street
2899+66						to SA-RT FJ11 - Alt 1	2.52	
2899+66						to SA-RT FJ11 - Alt 2	2.11	
3002+00	Caltrain PCEP TPS-2	PCEP-TPS-2	36.35			Radio Tower PCEP TPS-2		1880
3002+00	To Caltrain TPS-1		28.81			to SA-RT FJ12 - Alt 1	2.41	
3002+00	To SS-B - Alt 1		29.09			to SA-RT FJ12 - Alt 2	1.94	
3002+00	To Caltrain SWS-1		19.11					
3002+00	To SWS-A - Alt 2		15.89					
3002+00	To SWS-A - Alt 1		15.98					
3002+00	To Caltrain PS-6		6.82					
3002+00	To Caltrain PS-7		3.73					
3078+42						Stand Alone Radio Tower JM1A		
3078+42						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

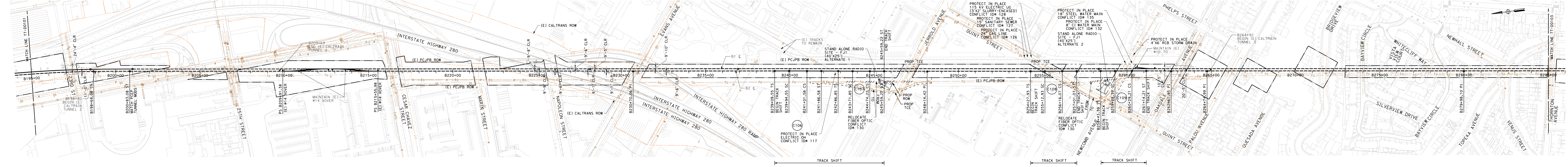
SAN FRANCISCO TO SAN JOSE EIR/S: VOLUME III
ALTERNATIVE A
BOOK A1
SHEET F

2021 RECORD SET PERP NOVEMBER 30, 2021 NOT FOR CONSTRUCTION	1111 Broadway 9th Floor Oakland, CA 94607	CALIFORNIA High-Speed Rail Authority	CALIFORNIA HIGH-SPEED TRAIN PROJECT SAN FRANCISCO TO SAN JOSE ALTERNATIVE A KEY MAP SYSTEM SITES	CONTRACT NO. HSR15-34 DRAWING NO. CE-D1104 SCALE AS SHOWN SHEET NO.
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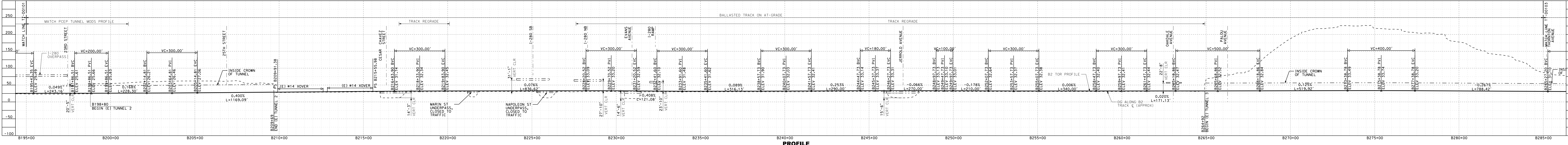
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1. REFER TO GENERAL NOTES DRAWING NO. GE-B0101 FOR NOTES.



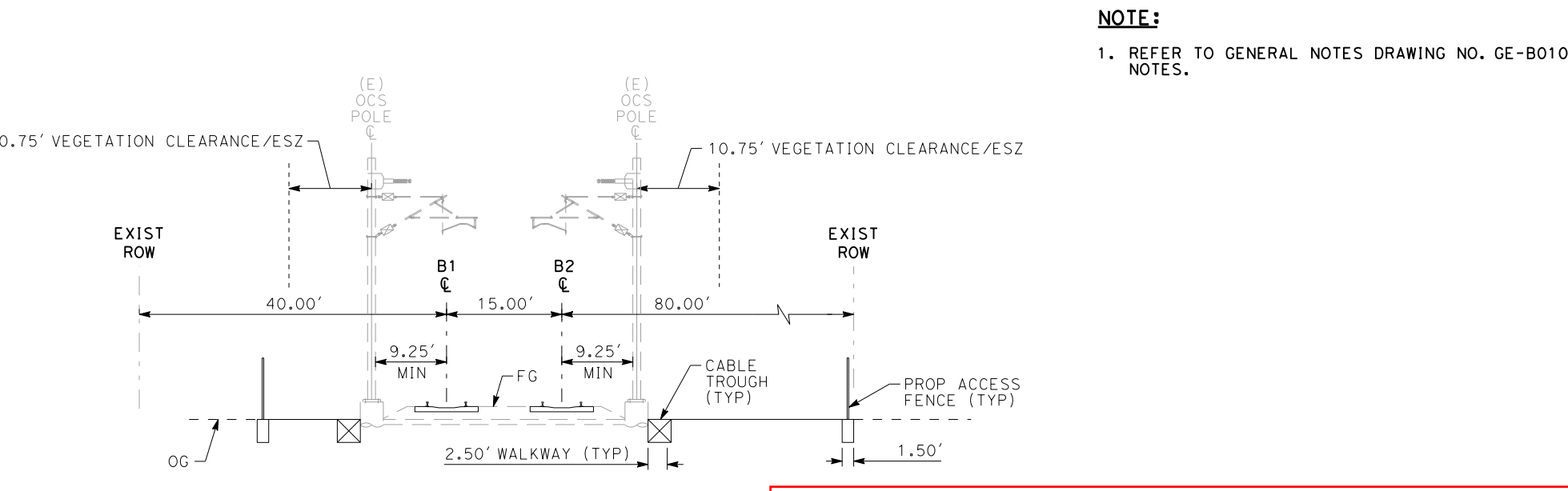
CITY OF SAN FRANCISCO



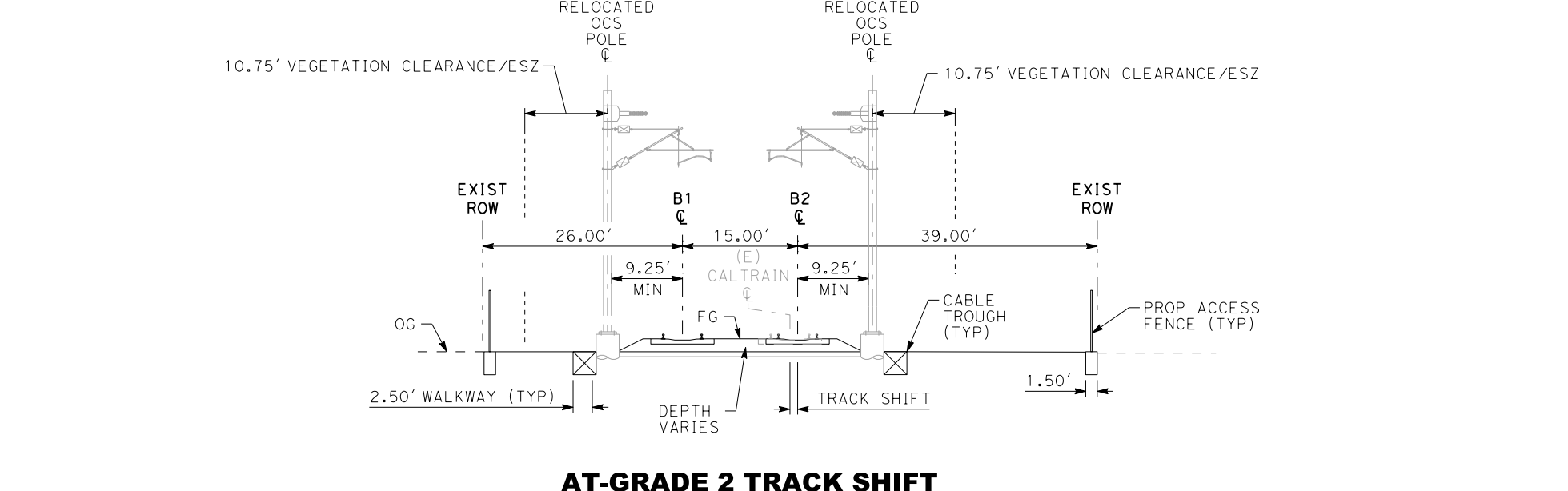
PLAN
SCALE: 1"=200'



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



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

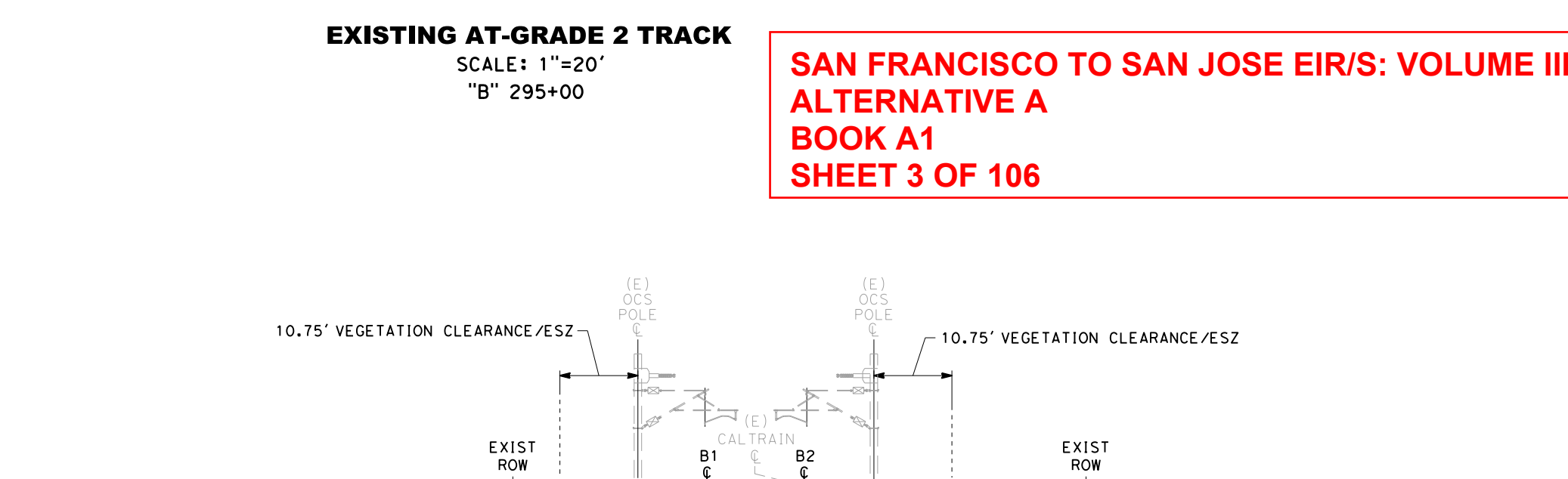
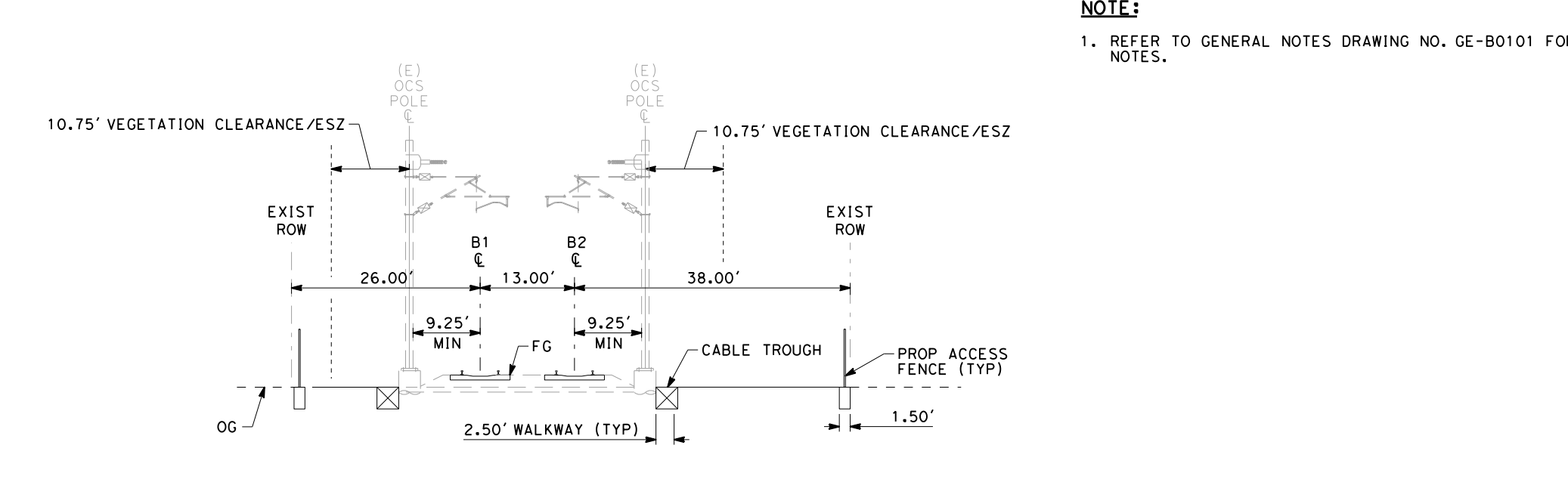
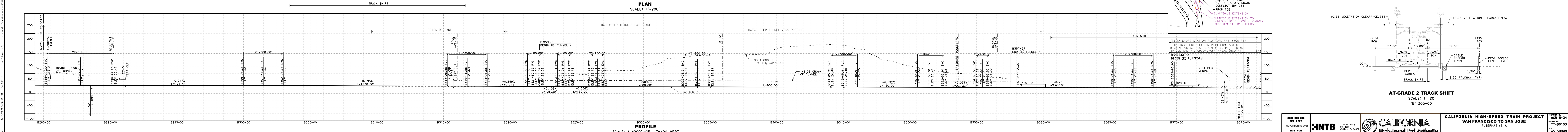
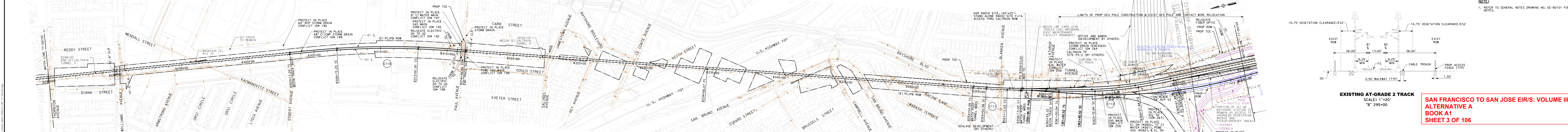


AT-GRADE 2 TRACK SHIFT
SCALE: 1"=20'
"B" 250+00

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

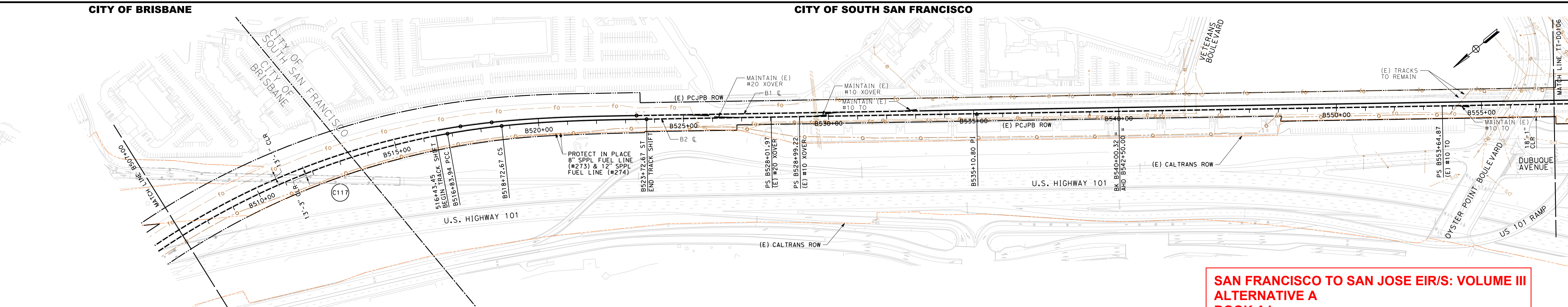
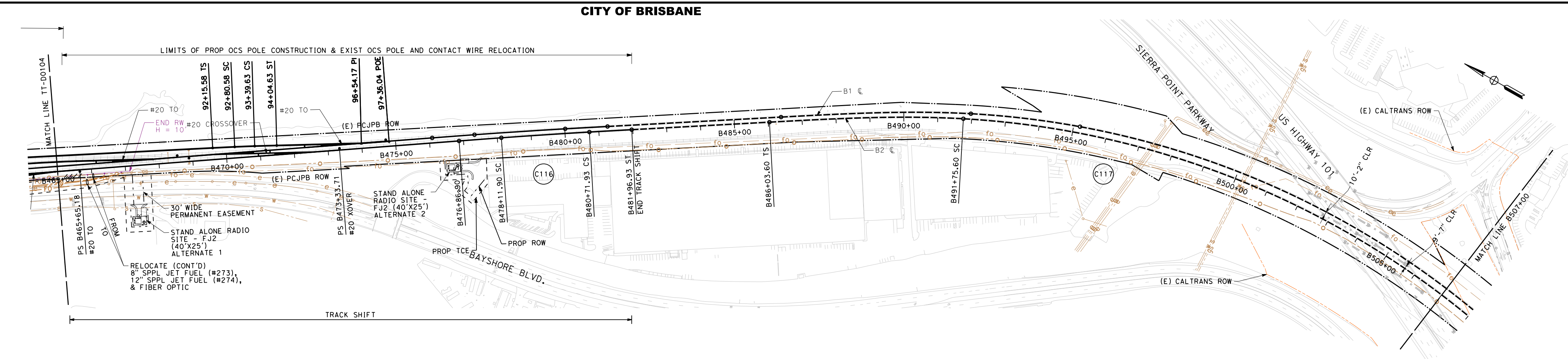
SAN FRANCISCO TO SAN JOSE EIR/S: VOLUME III
ALTERNATIVE A
BOOK A1
SHEET 2 OF 106

<p>2021 RECORD SET PERD NOVEMBER 30, 2021</p> <p>HNTB</p> <p>NOT FOR CONSTRUCTION</p>	<p>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</p> <p>COMPOSITE PLAN, PROFILE AND TYPICAL SECTIONS B195+00 TO B285+00</p>	<p>CONTRACT NO. HSR15-34 DRAWING NO. TT-D0102 SCALE AS SHOWN SHEET NO.</p>
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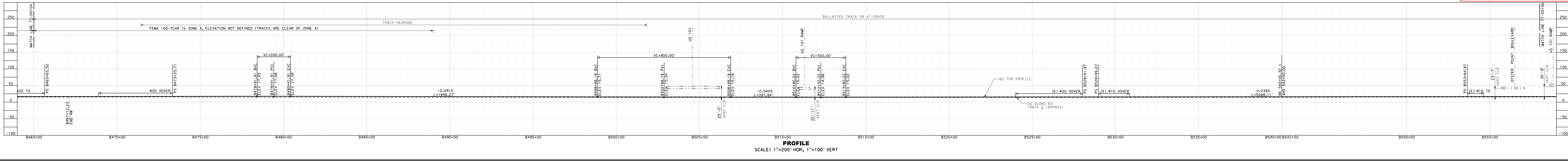


NOTE:
1. REFER TO GENERAL NOTES DRAWING NO. GE-B0101 FOR NOTES.

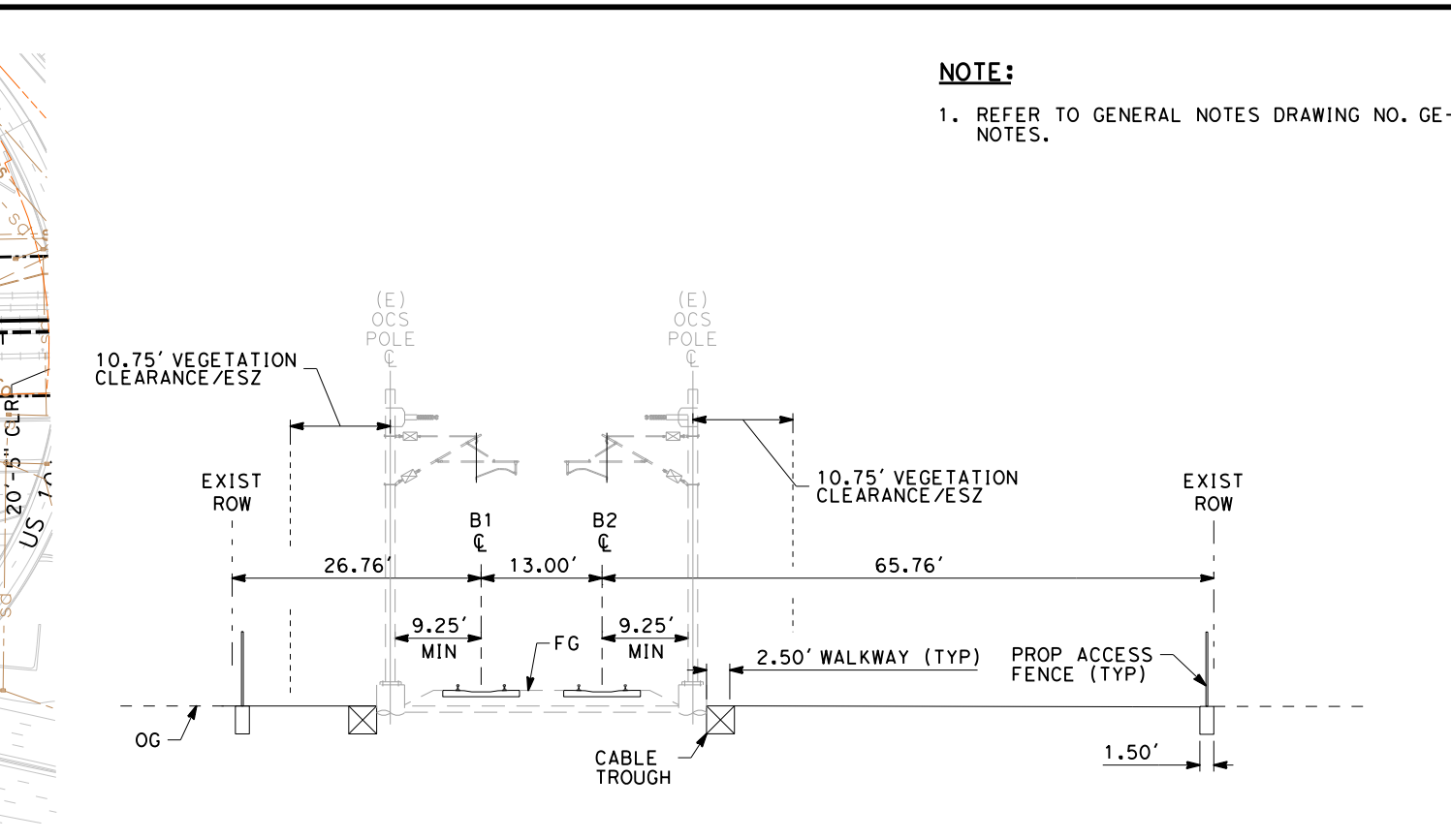
SAN FRANCISCO TO SAN JOSE EIR/S: VOLUME III
ALTERNATIVE A
BOOK A1
SHEET 3 OF 106



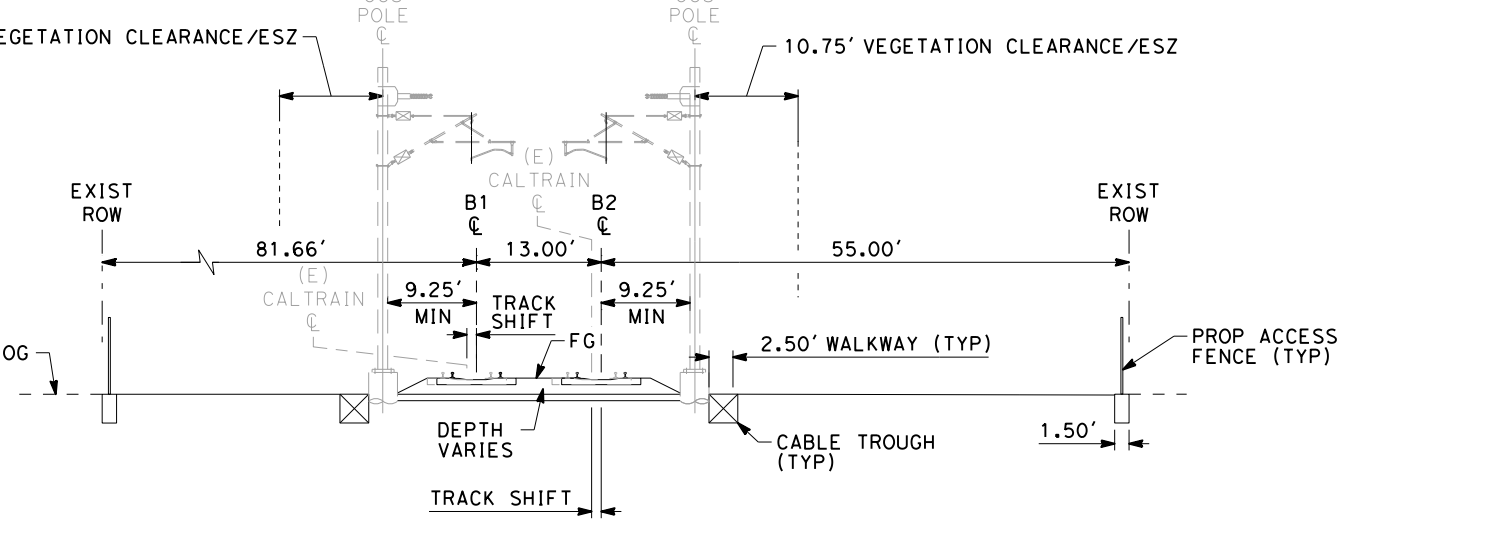
PLAN
SCALE: 1"=200'



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



EXISTING AT-GRADE 2 TRACK
SCALE: 1"=20'
"B" 485+00

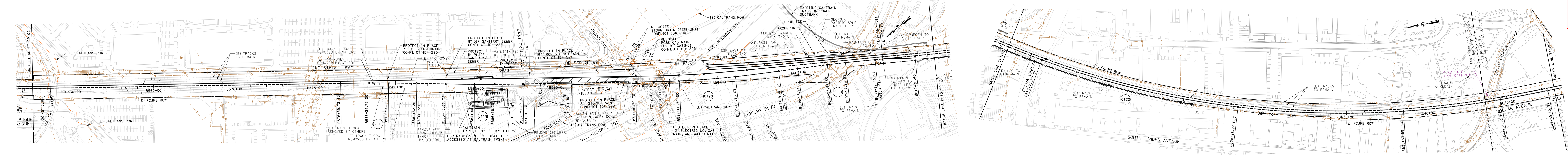


AT-GRADE 2 TRACK SHIFT
SCALE: 1"=20'
"B" 520+00

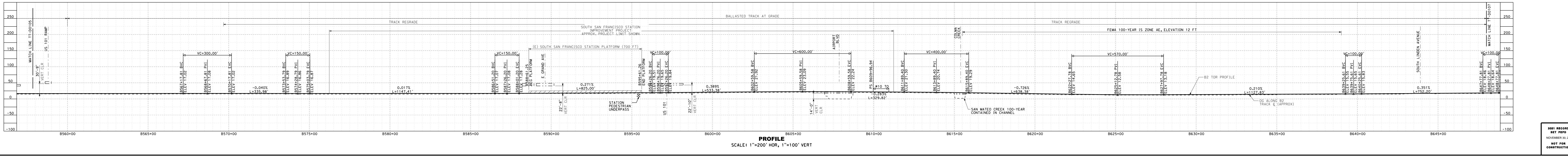
NOTE:
1. REFER TO GENERAL NOTES DRAWING NO. GE-B0101 FOR NOTES.

SAN FRANCISCO TO SAN JOSE EIR/S: VOLUME III
ALTERNATIVE A
BOOK A1
SHEET 5 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 B465+00 TO B557+50	CONTRACT NO. HSR15-34 DRAWING NO. TT-D0105 SCALE AS SHOWN SHEET NO.
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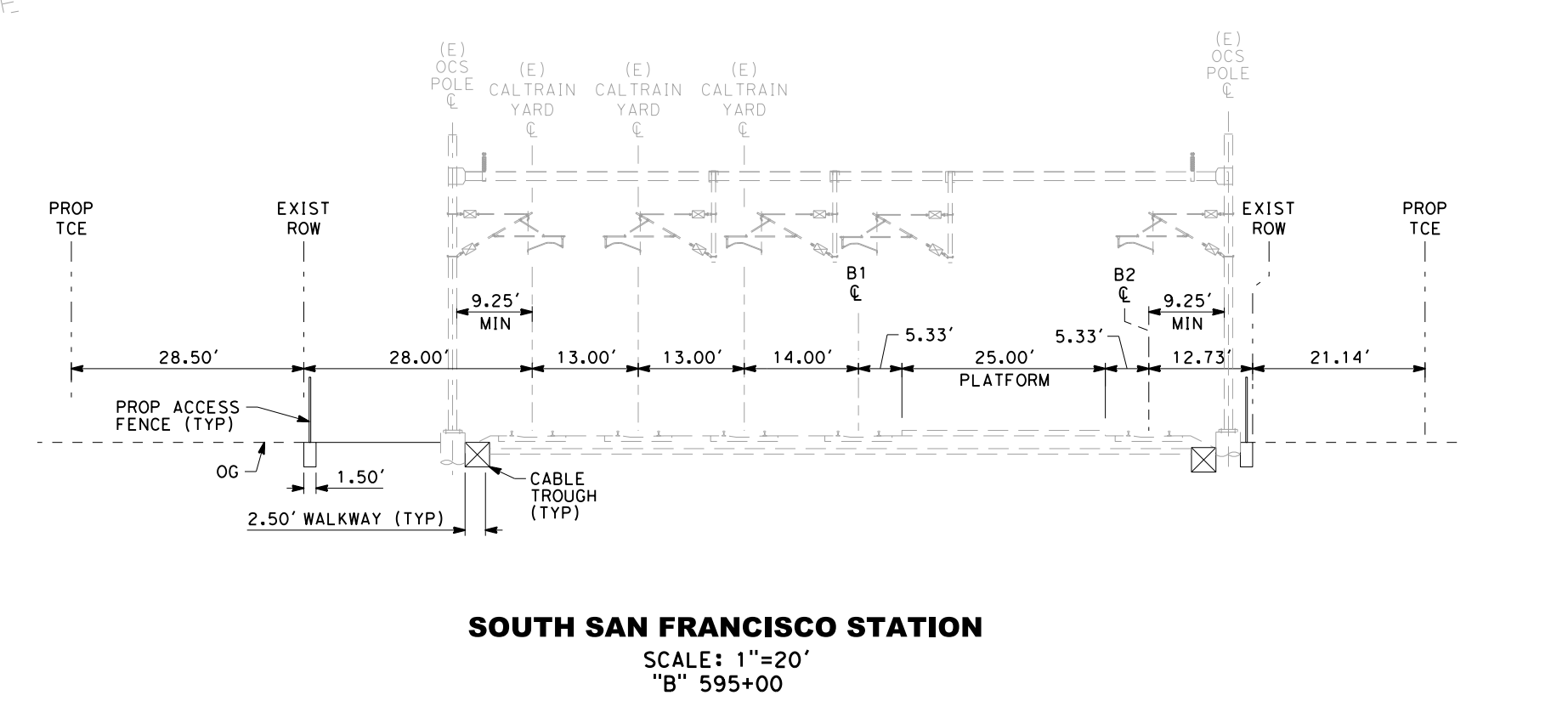
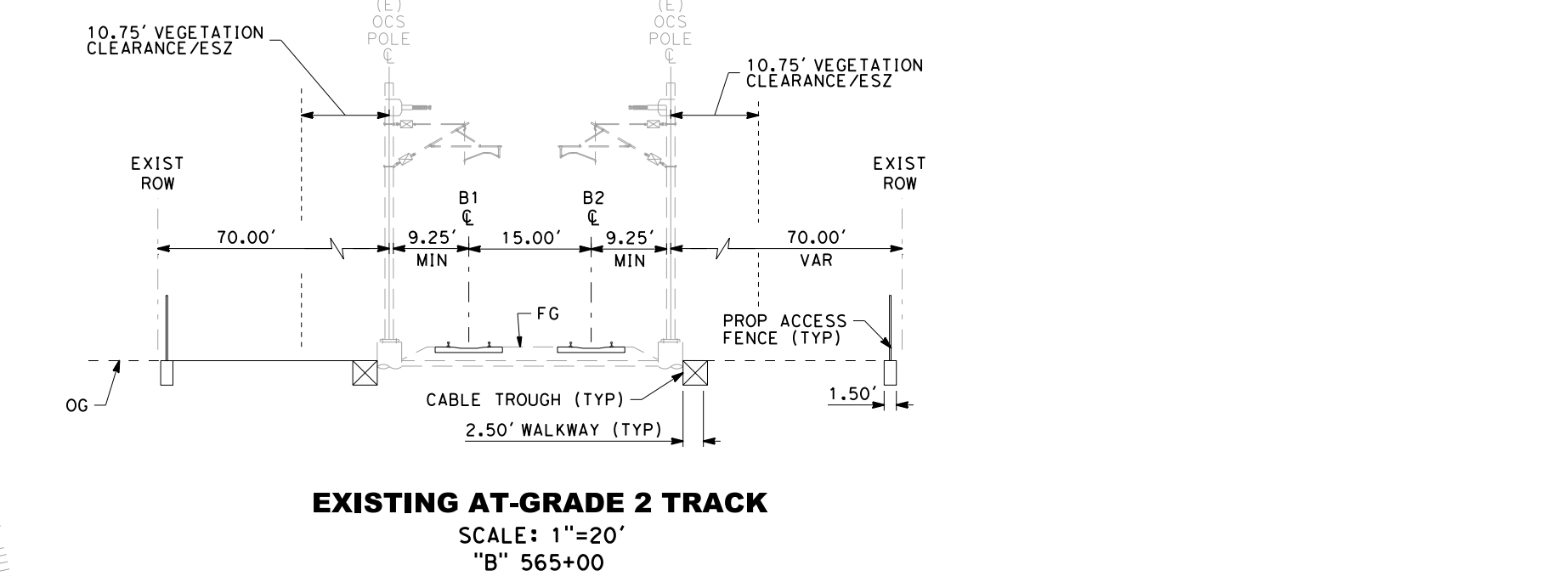
PLAN
SCALE: 1"=200'



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

SAN FRANCISCO TO SAN JOSE EIR/S: VOLUME III
ALTERNATIVE A
BOOK A1
SHEET 6 OF 106

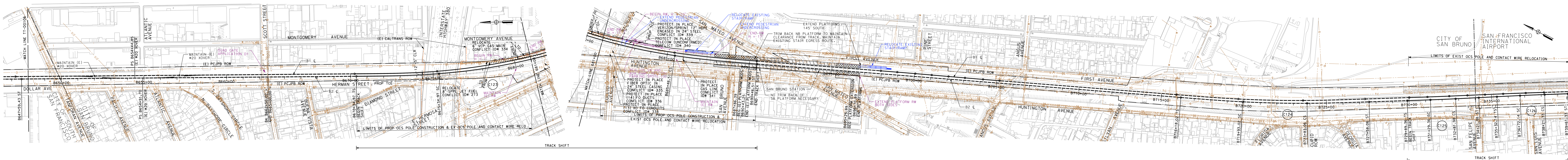
NOTE:
1. REFER TO GENERAL NOTES DRAWING NO. GE-B0101 FOR NOTES.



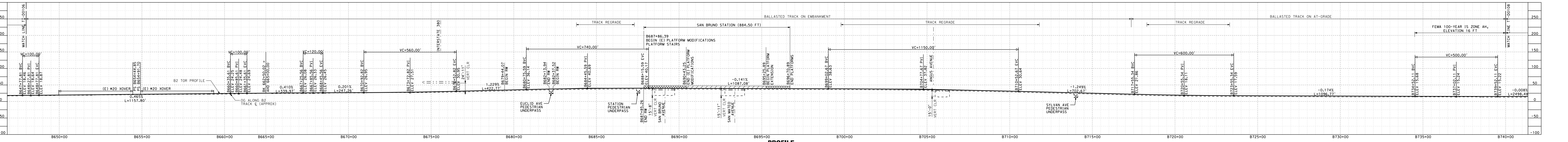
<p>2021 RECORD SET PERD NOVEMBER 30, 2021 NOT FOR CONSTRUCTION</p>	<p>HNTB 1111 Broadway 9th Floor Oakland, CA 94607</p>	<p>CALIFORNIA High-Speed Rail Authority</p>	<p>CALIFORNIA HIGH-SPEED TRAIN PROJECT SAN FRANCISCO TO SAN JOSE ALTERNATIVE A</p> <p>COMPOSITE PLAN, PROFILE AND TYPICAL SECTIONS B57+50 TO B648+00</p>	<p>CONTRACT NO. HSR15-34</p> <p>DRAWING NO. TT-D0106</p> <p>SCALE AS SHOWN</p> <p>SHEET NO.</p>
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SAN FRANCISCO TO SAN JOSE EIR/S: VOLUME III
ALTERNATIVE A
BOOK A1
SHEET 7 OF 106

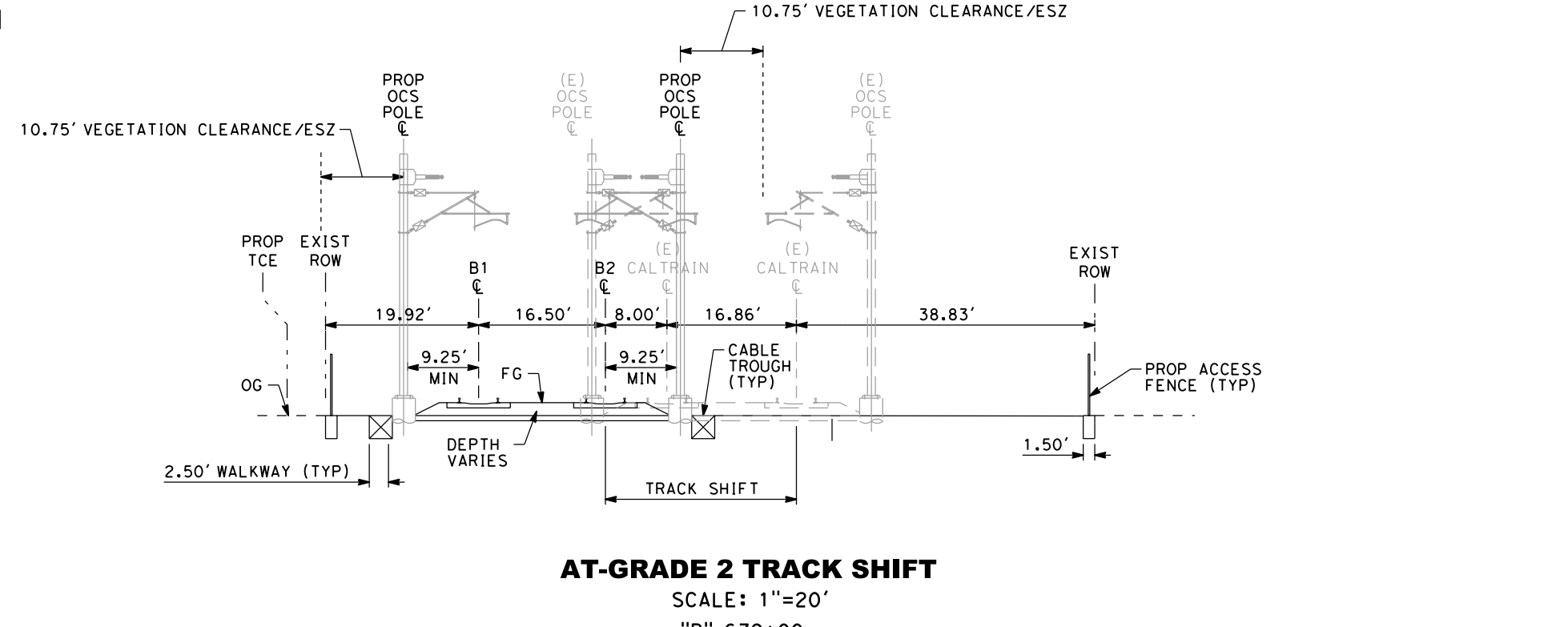
NOTE:
1. REFER TO GENERAL NOTES DRAWING NO. GE-B0101 FOR NOTES.



PLAN
SCALE: 1"=200'



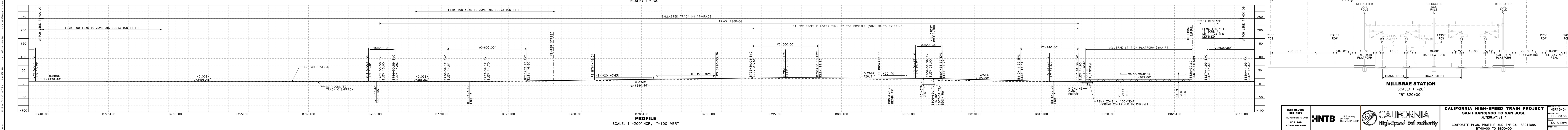
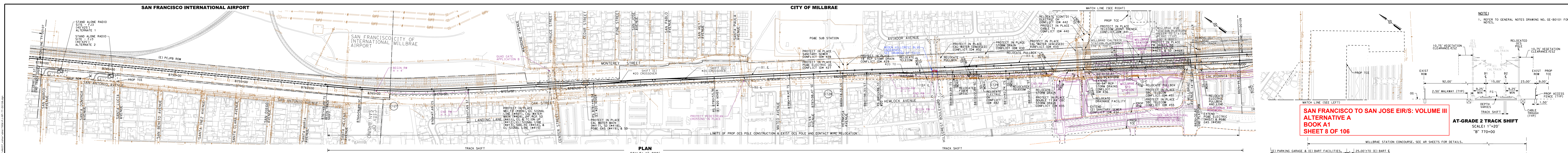
PROFILE
SCALE: 1"=200' HOR, 1"=100' VERT



AT-GRADE 2 TRACK SHIFT
SCALE: 1"=20'
"B" 679+00

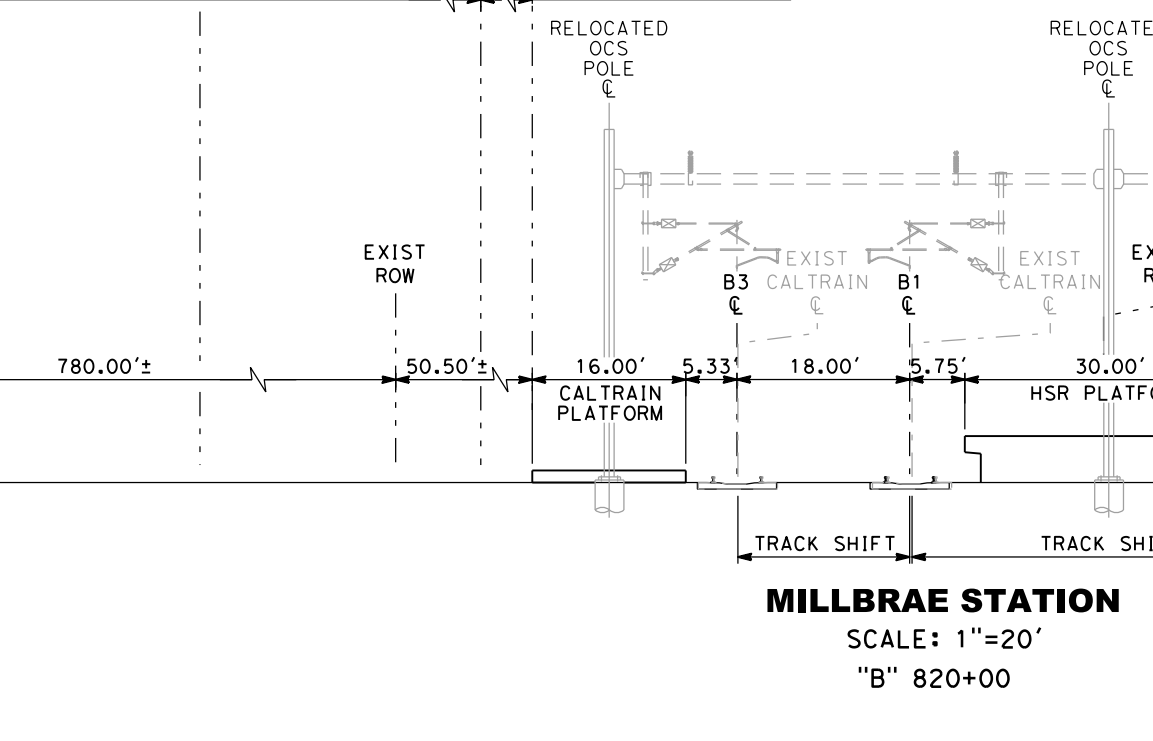
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2021 RECORD SET PERD NOVEMBER 30, 2021 NOT FOR CONSTRUCTION		1111 Broadway 9th Floor Oakland, CA 94607		CALIFORNIA HIGH-SPEED TRAIN PROJECT SAN FRANCISCO TO SAN JOSE ALTERNATIVE A COMPOSITE PLAN, PROFILE AND TYPICAL SECTIONS B648+00 TO B740+00	CONTRACT NO. HSR15-34 DRAWING NO. TT-D0107 SCALE AS SHOWN SHEET NO.
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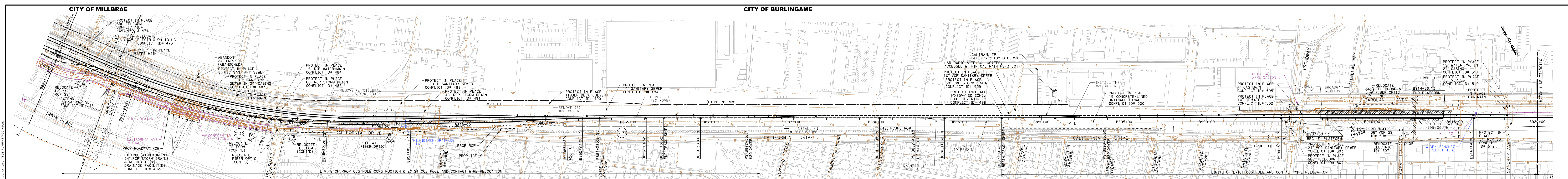


SAN FRANCISCO TO SAN JOSE EIRS: VOLUME III
ALTERNATIVE A
BOOK A1
SHEET 8 OF 106

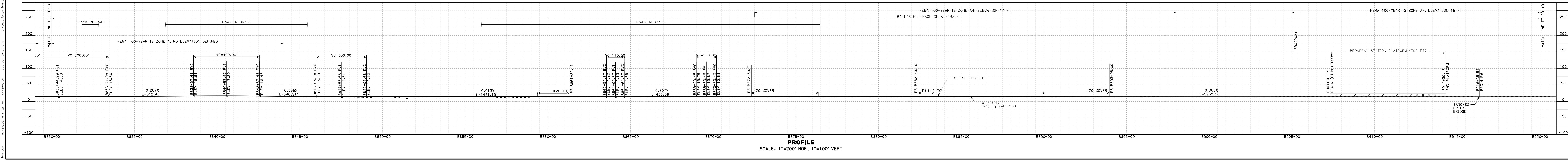
AT-GRADE 2 TRACK SHIFT
SCALE: 1"=20'
"B" 770+00



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



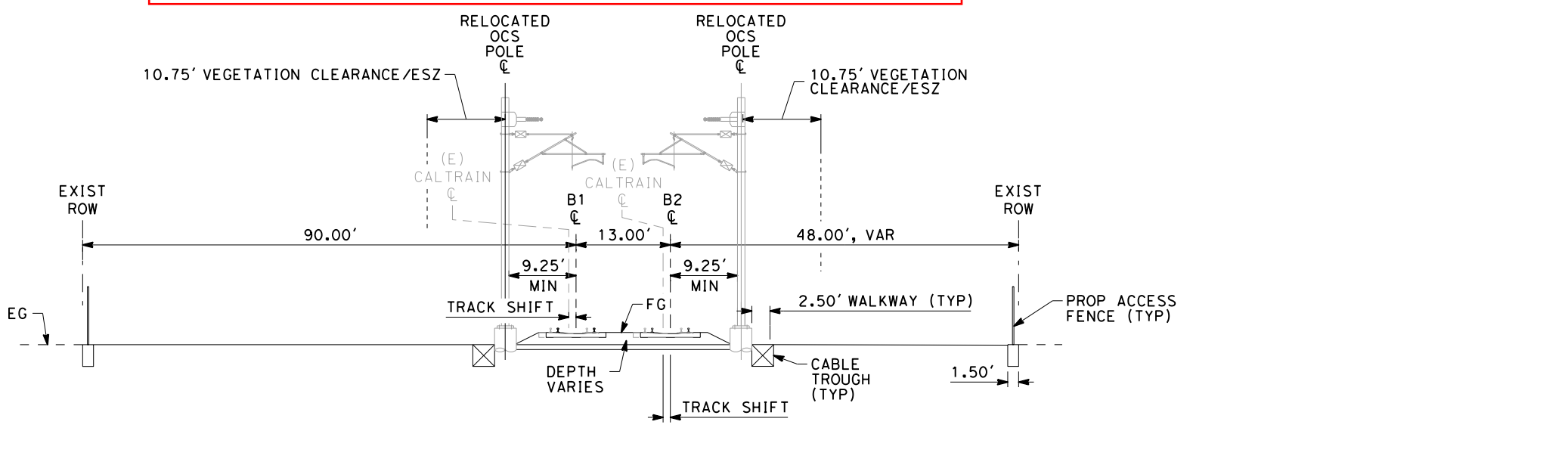
PLAN
SCALE: 1"=200'



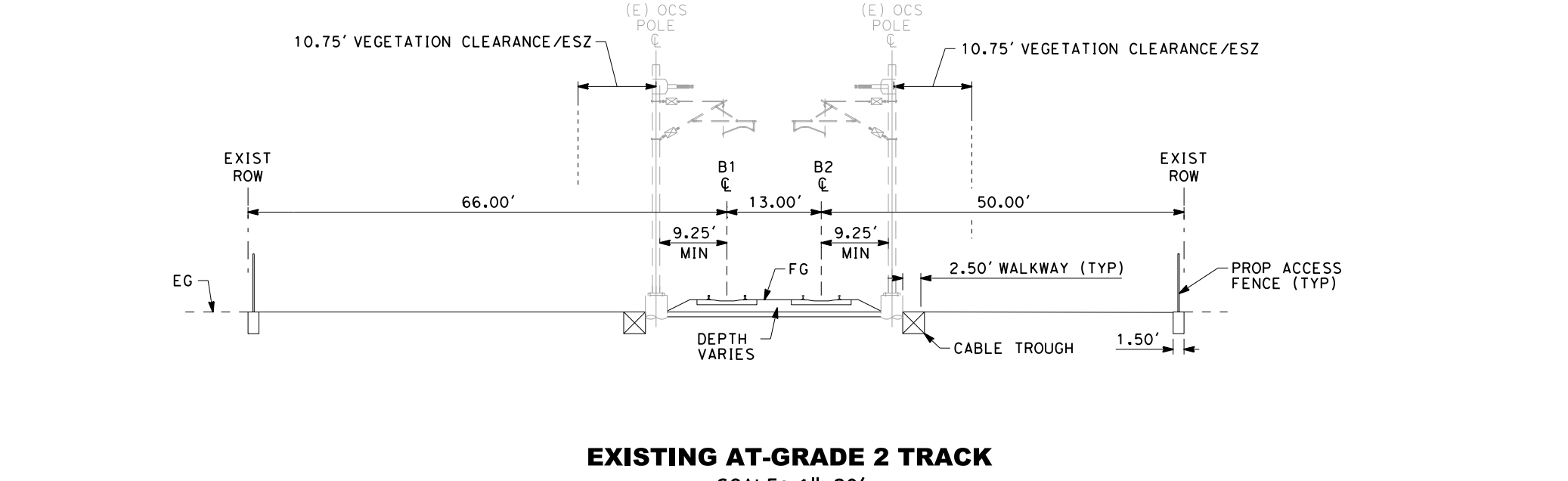
PROFILE
SCALE: 1"=200' HOR, 1"=100' VERT

SAN FRANCISCO TO SAN JOSE EIR/S: VOLUME III
ALTERNATIVE A
BOOK A1
SHEET 9 OF 106

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

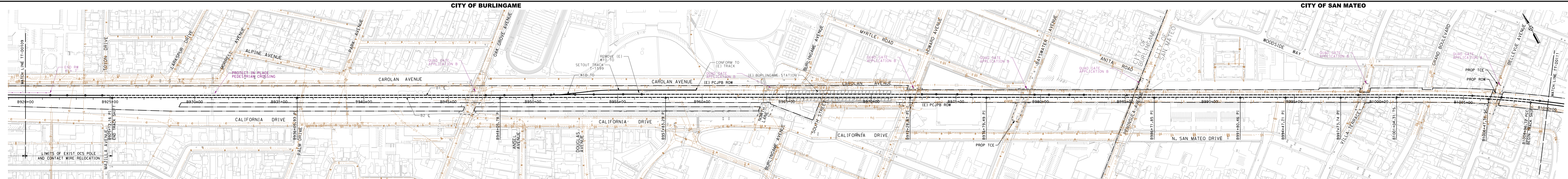


AT-GRADE 2 TRACK SHIFT
SCALE: 1"=20'
"B" 860+00

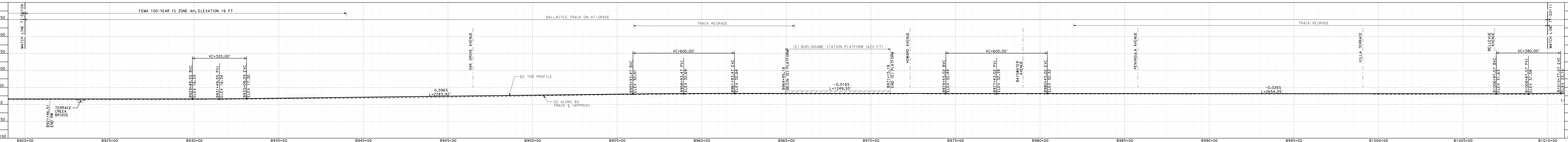


EXISTING AT-GRADE 2 TRACK
SCALE: 1"=20'
"B" 870+00

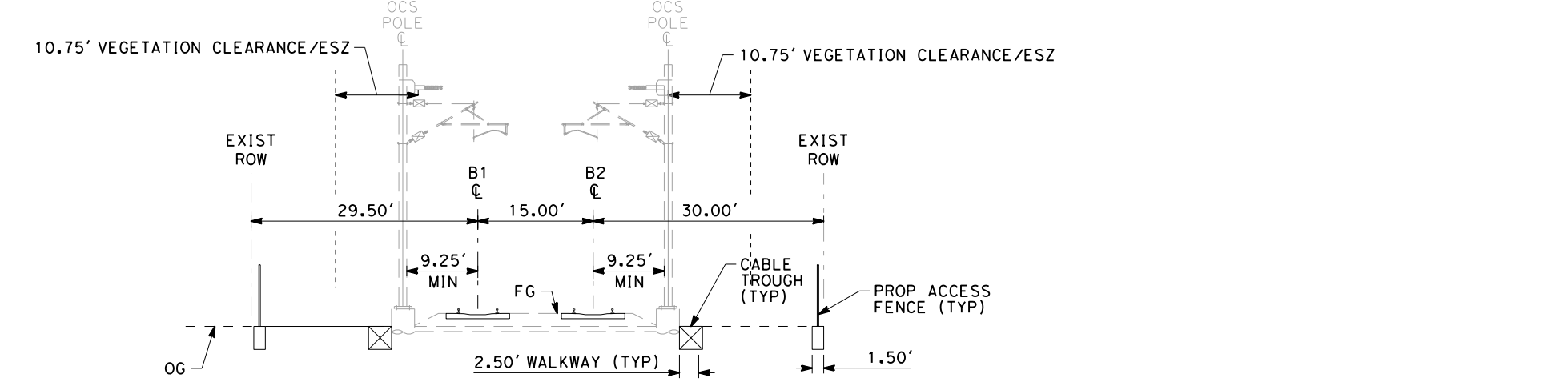
2021 RECORD SET PERD NOVEMBER 30, 2021 NOT FOR CONSTRUCTION		1111 Broadway 9th Floor Oakland, CA 94607		CALIFORNIA HIGH-SPEED TRAIN PROJECT SAN FRANCISCO TO SAN JOSE ALTERNATIVE A		CONTRACT NO. HSR15-34
				COMPOSITE PLAN, PROFILE AND TYPICAL SECTIONS B830+00 TO B920+00		DRAWING NO. TT-D0109 SCALE AS SHOWN SHEET NO.



PLAN
SCALE: 1"=200'

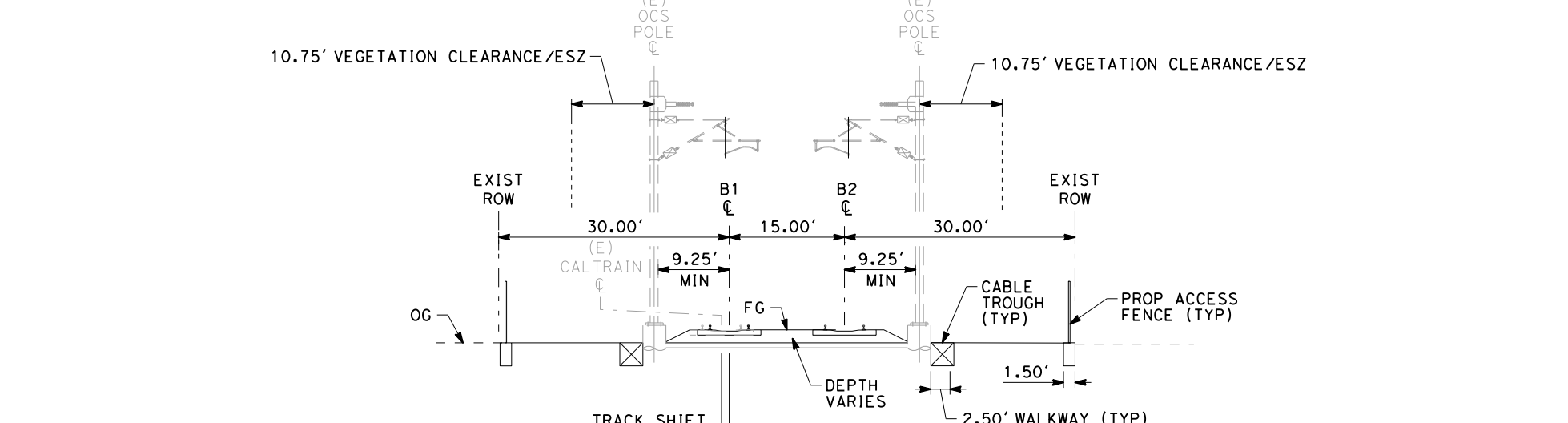


PROFILE
SCALE: 1"=200' HOR, 1"=100' VERT



EXISTING AT-GRADE 2 TRACK
SCALE: 1"=20'
"B" 1000+00

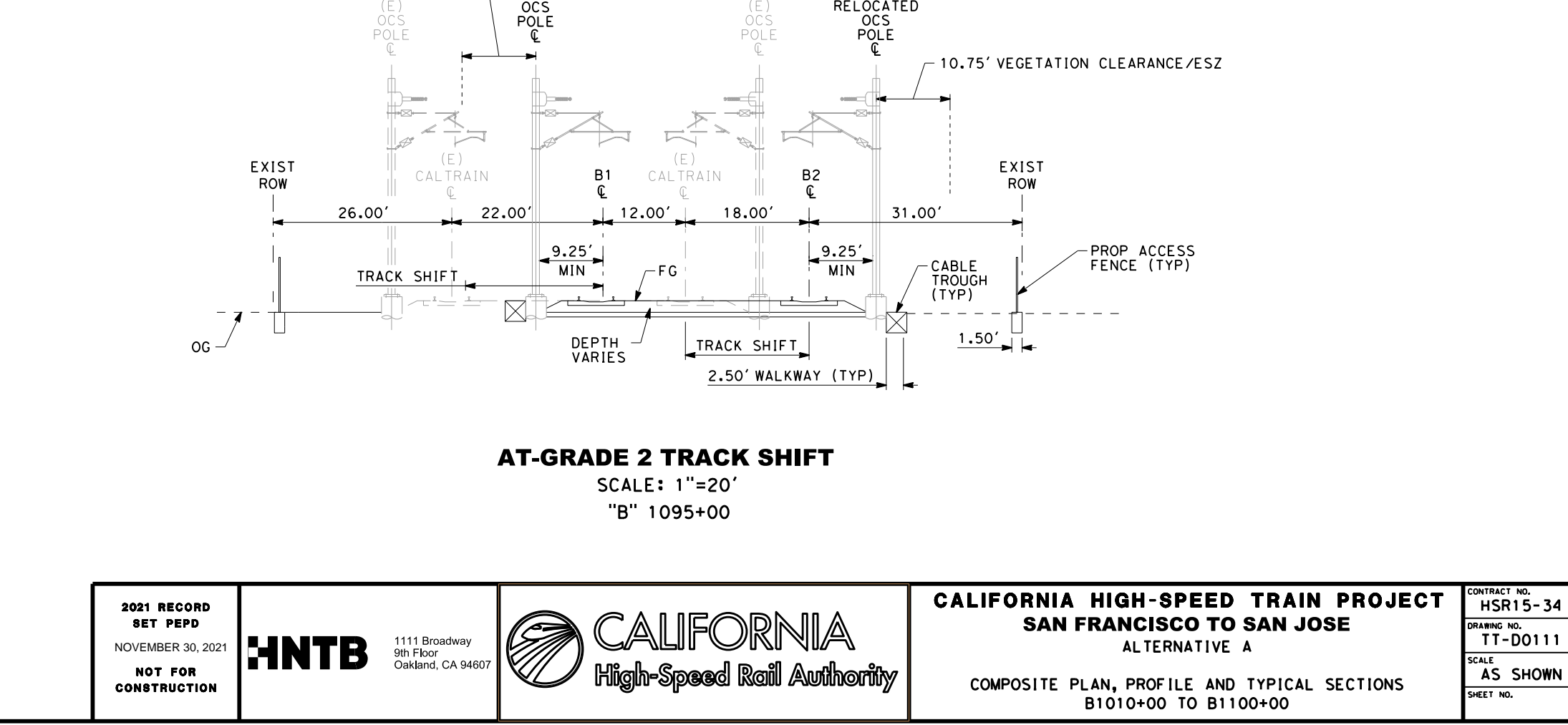
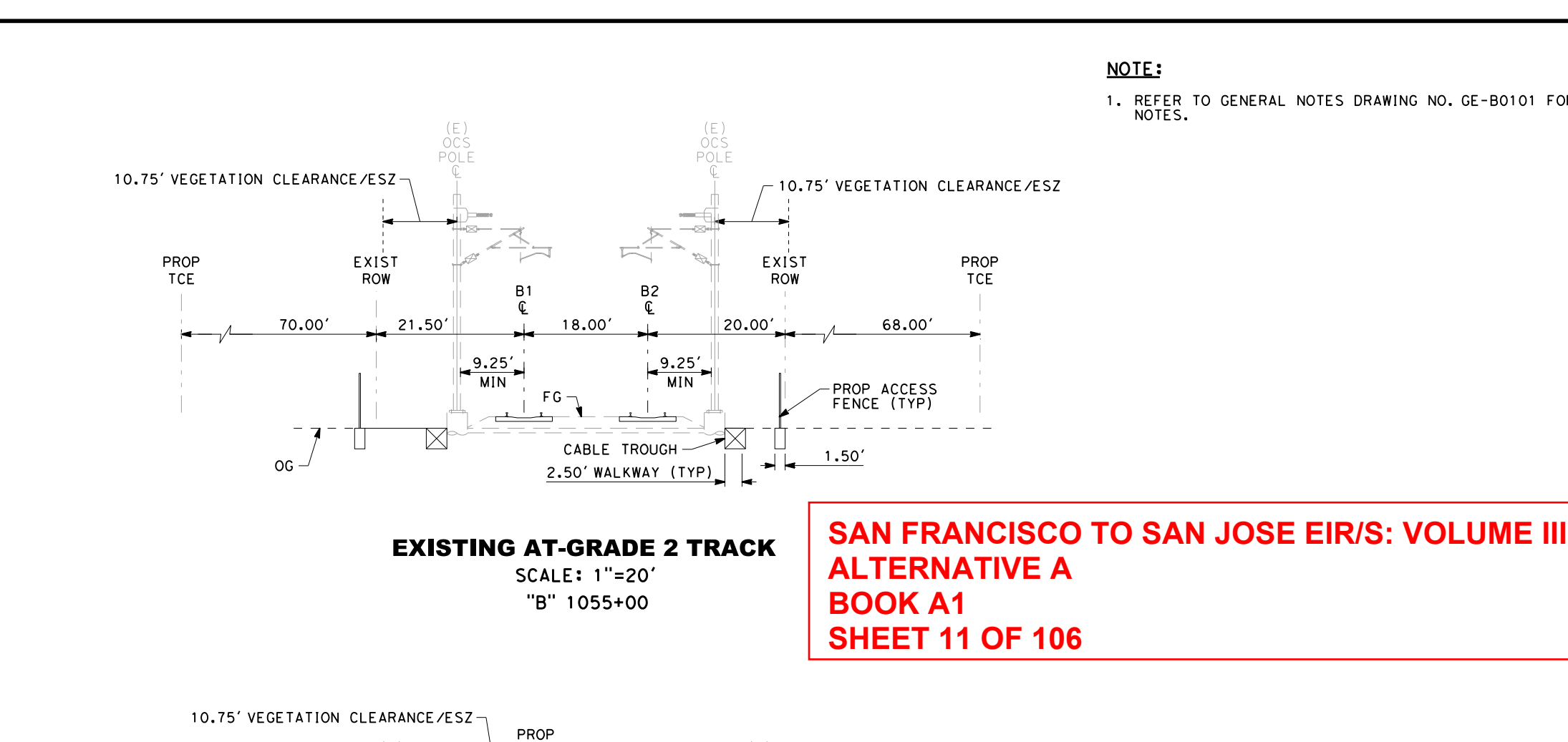
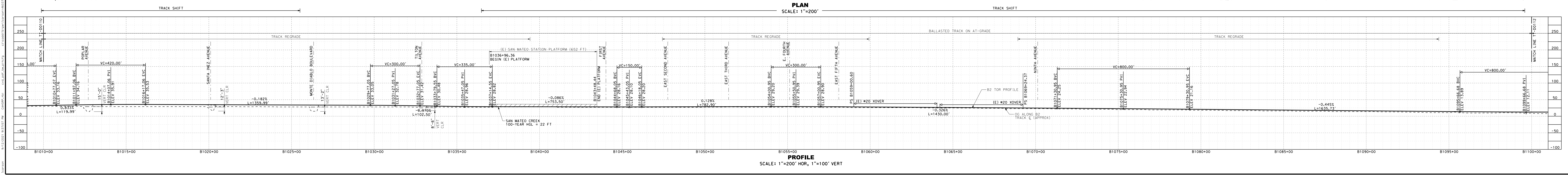
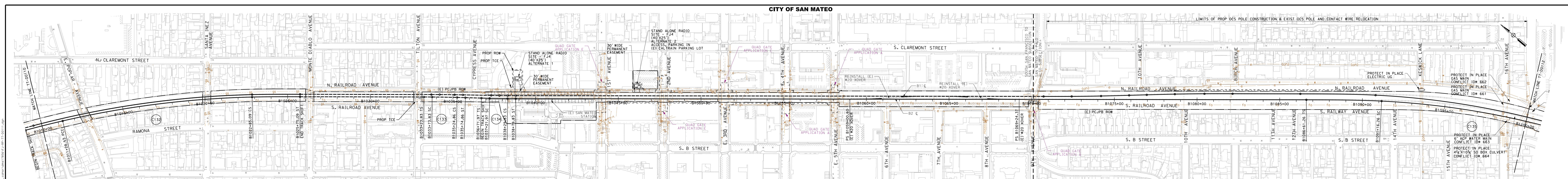
SAN FRANCISCO TO SAN JOSE EIR/S: VOLUME III
ALTERNATIVE A
BOOK A1
SHEET 10 OF 106



AT-GRADE 2 TRACK SHIFT
SCALE: 1"=20'
"B" 980+00

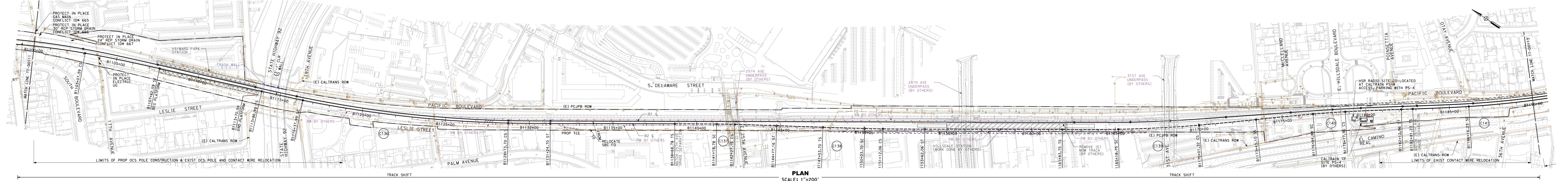
NOTE:
1. REFER TO GENERAL NOTES DRAWING NO. GE-B0101 FOR NOTES.

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 B920+00 TO B1010+00	CONTRACT NO. HSR15-34 DRAWING NO. TT-D0110 SCALE AS SHOWN SHEET NO.
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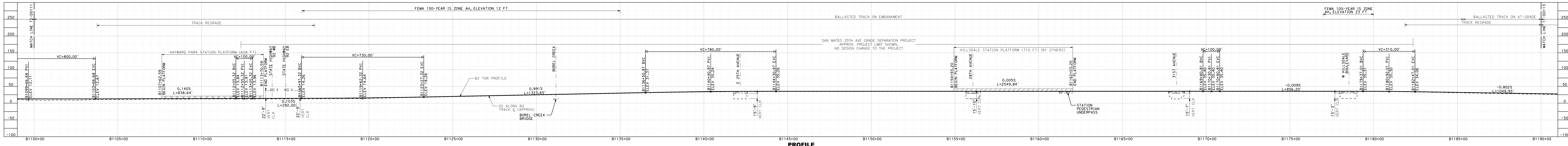


NOTE:
1. REFER TO GENERAL NOTES DRAWING NO. GE-B0101 FOR NOTES.

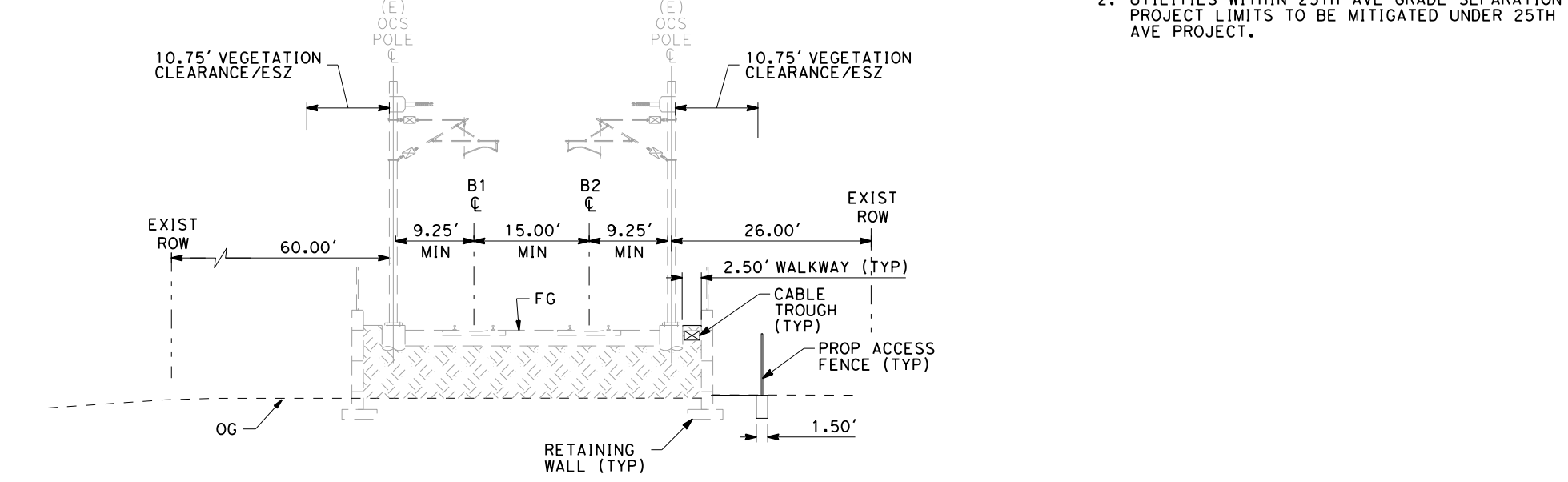
SAN FRANCISCO TO SAN JOSE EIR/IS: VOLUME III
ALTERNATIVE A
BOOK A1
SHEET 11 OF 106



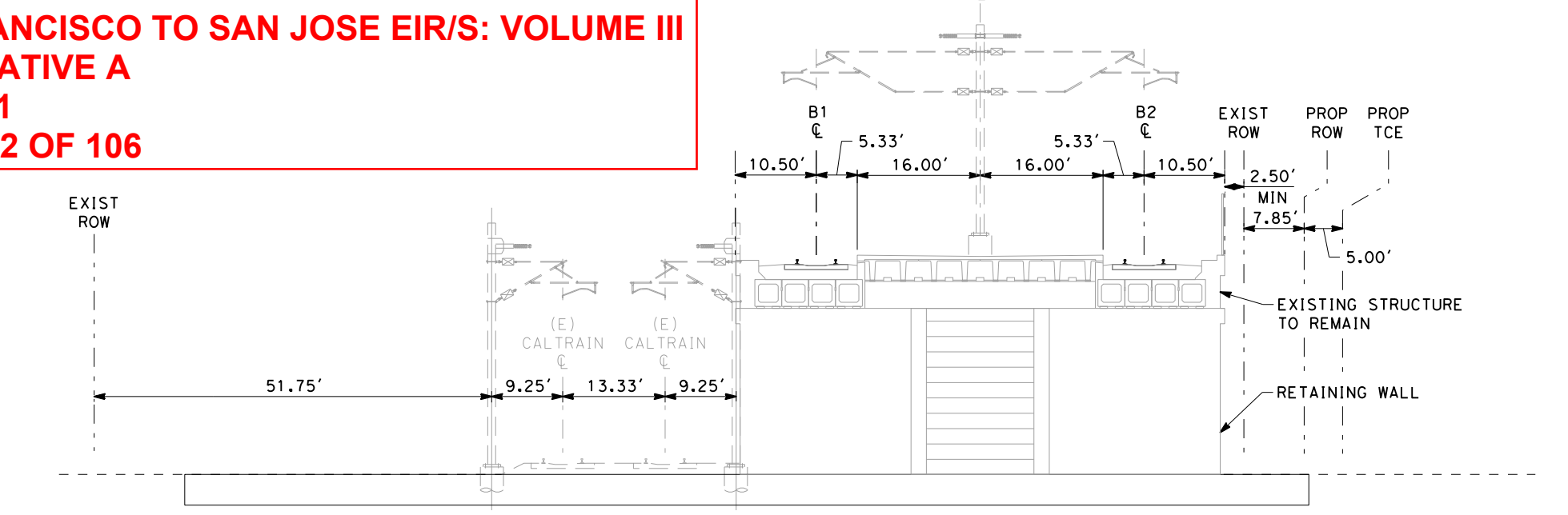
PLAN
SCALE: 1"=200'



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



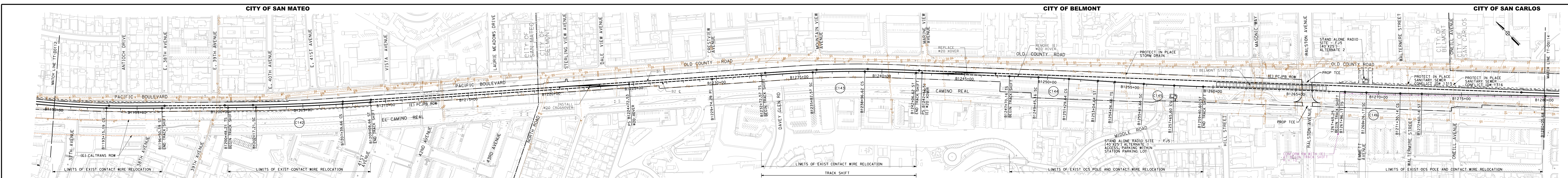
2 TRACK RETAINED FILL MSE WALL WITH SHIFTED TRACK
SCALE: 1"=20'
"B" 1130+00



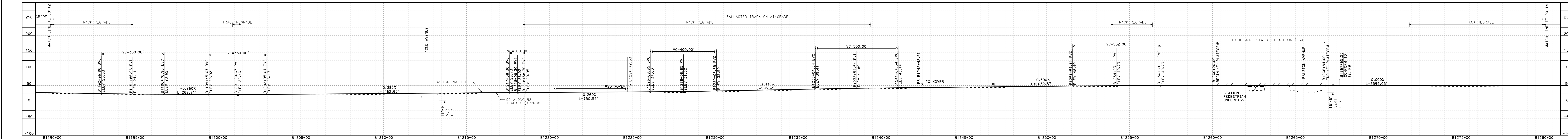
HILLSDALE STATION (BY OTHERS)
SCALE: 1"=20'
"B" 1160+00

- 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.

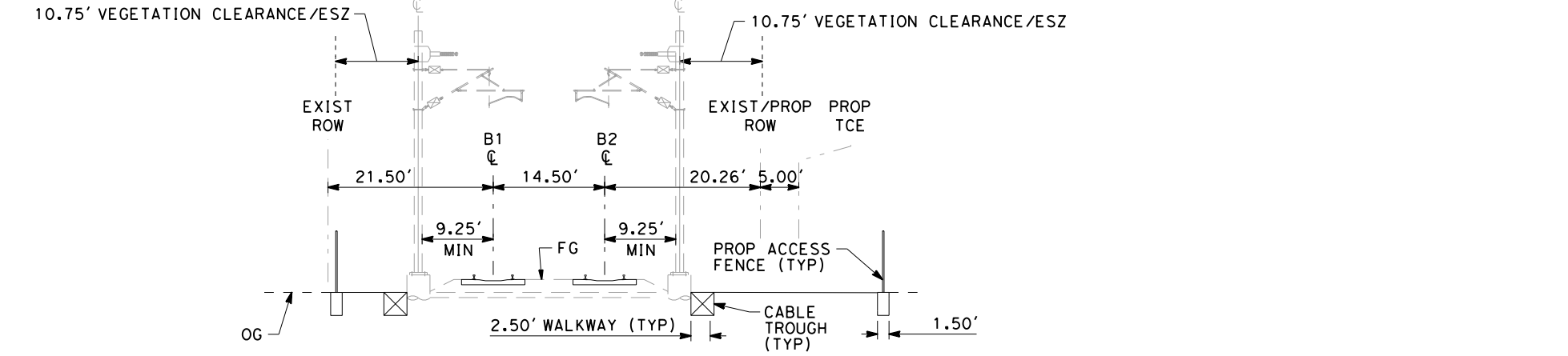
SAN FRANCISCO TO SAN JOSE EIR/S:
ALTERNATIVE A
BOOK A1
SHEET 12 OF 106



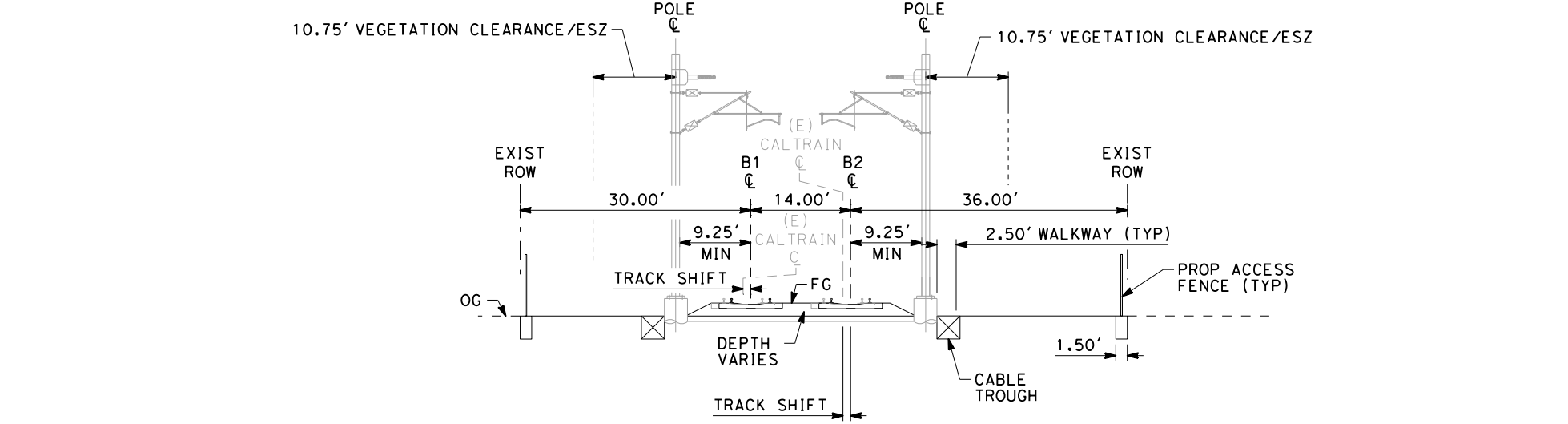
PLAN
SCALE: 1"=200'



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



EXISTING EMBANKMENT 2 TRACK
SCALE: 1"=20'
"B" 1205+00



AT-GRADE 2 TRACK SHIFT
SCALE: 1"=20'
"B" 1237+00

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

SAN FRANCISCO TO SAN JOSE EIR/S: VOLUME III
ALTERNATIVE A
BOOK A1
SHEET 13 OF 106