

					APPROVED FOR OR PURPOSES:	DESIGNED BY V. FELIX	 earthtech.com 1000 W. 14th St., Suite 1000 Oakland, CA 94612 Phone: (510) 486-6000 Fax: (510) 486-5555			SILICON VALLEY RAPID TRANSIT CORRIDOR		ISSUE DATE 28JUN03
					VIA DATE	APPROVED BY D. MINISTER		BART - BUILD ALTERNATIVE PLAN AND PROFILE KEY PLAN		SCALE NONE	GADD FILE NO. CGX000.DWG	
REV.	DATE	BY	9.B	APP	DESCRIPTION	SUBMITTED DATE 25NOV02				REV	0	PAGE NO.

FIGURE A-1

INDEX OF DRAWINGS

FIGURE NO.	DWG. NO.	TITLE
<b>GENERAL</b>		
A-1	CGX000	PLAN AND PROFILE KEY PLAN
A-2	CGX002	INDEX OF DRAWINGS
<b>CIVIL</b>		
A-3	CG101	PLAN AND PROFILE SHEET 1
A-4	CG101A	PLAN RELOCATED TRACK; RAIL-TRUCK TANK CAR TRANSFER FACILITY - SHEET 1A
A-5	CG102	PLAN AND PROFILE SOUTH OF WARM SPRINGS RAIL RIGHT-OF-WAY OPTION, SHEET 2
A-6	CG102A	PLAN AND PROFILE SOUTH OF WARM SPRINGS EAST OF RAIL RIGHT-OF-WAY OPTION, SHEET 2A
A-7	CG102B	PLAN AND PROFILE WARREN AVENUE BART AT-GRADE OPTION, SHEET 2B
A-8	CG102C	PLAN AND PROFILE WARREN AVENUE BART AERIAL OPTION, SHEET 2C
A-9	CG103	PLAN AND PROFILE SHEET 3
A-10	CG103A	PLAN UPRR LOCOMOTIVE WYE LOCATION FREMONT OPTION, SHEET 3A
A-11	CG104	PLAN AND PROFILE SHEET 4
A-12	CG104A	ROADWAY PLAN AND PROFILE KATO ROAD SHEET 4A
A-13	CG105	PLAN AND PROFILE DIXON LANDING ROAD BART AERIAL OPTION, SHEET 5
A-14	CG105A	PLAN AND PROFILE DIXON LANDING ROAD BART RETAINED CUT OPTION, SHEET 5A
A-15	CG105B	PLAN AND PROFILE DIXON LANDING ROAD BART AT-GRADE OPTION, SHEET 5B
A-16	CG105C	ROADWAY PLAN AND PROFILE DIXON LANDING ROAD BART AT-GRADE OPTION, SHEET 5C
A-17	CG106	PLAN AND PROFILE SHEET 6
A-18	CG107	PLAN AND PROFILE SHEET 7
A-19	CG108	PLAN AND PROFILE SHEET 8
A-20	CG109	PLAN AND PROFILE SHEET 9

FIGURE NO.	DWG. NO.	TITLE
A-21	CG109A	PLAN AND PROFILE UPRR LOCOMOTIVE WYE LOCATION MILPITAS OPTION, SHEET 9A
A-22	CG110	PLAN AND PROFILE SHEET 10
A-23	CG111	PLAN AND PROFILE SHEET 11
A-24	CG112	PLAN AND PROFILE SHEET 12
A-25	CG113	PLAN AND PROFILE SHEET 13
A-26	CG114	PLAN AND PROFILE ALJON ROCK STATION US 101/DIAGONAL OPTION, SHEET 14
A-27	CG114B	PLAN ALJON ROCK STATION US 101/DIAGONAL OPTION, SHEET 14B
A-28	CG115	PLAN AND PROFILE ALJON ROCK STATION US 101/DIAGONAL OPTION, SHEET 15
A-29	CG115A	PLAN AND PROFILE ALJON ROCK STATION RAILROAD/28th STREET OPTION, SHEET 15A
A-30	CG114A	PLAN AND PROFILE ALJON ROCK STATION RAILROAD/28th STREET OPTION, SHEET 14A
A-31	CG115A	PLAN AND PROFILE ALJON ROCK STATION RAILROAD/28th STREET OPTION, SHEET 15A
A-32	CG116A	PLAN AND PROFILE ALJON ROCK STATION RAILROAD/28th STREET OPTION, SHEET 16A
A-33	CG116	PLAN AND PROFILE SHEET 16
A-34	CG117	PLAN AND PROFILE CROSSOVER TRACK LOCATION WEST OF CMC PLAZA/SJSU STATION OPTION, SHT 17
A-35	CG117A	PLAN AND PROFILE CROSSOVER TRACK LOCATION WEST OF MARKET STREET STATION OPTION, SHEET 17A
A-36	CG118B	PLAN AND PROFILE DIRIDON / ARENA STATION NORTH OPTION, SHEET 18B
A-37	CG119B	PLAN AND PROFILE DIRIDON / ARENA STATION NORTH OPTION, SHEET 19B
A-38	CG117C	PLAN AND PROFILE DIRIDON / ARENA STATION SOUTH OPTION, SHEET 17C
A-39	CG118C	PLAN AND PROFILE DIRIDON / ARENA STATION SOUTH OPTION, SHEET 18C
A-40	CG119C	PLAN AND PROFILE DIRIDON / ARENA STATION SOUTH OPTION, SHEET 19C

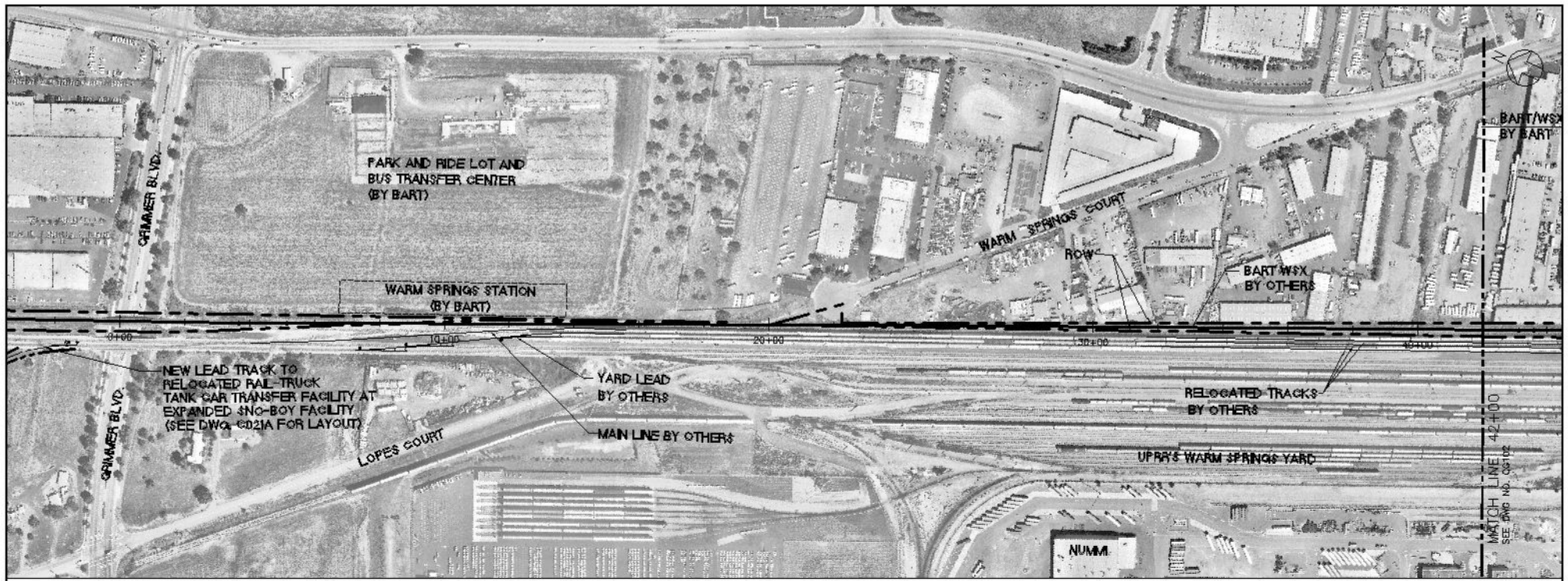
FIGURE NO.	DWG. NO.	TITLE
A-41	CG119	PLAN AND PROFILE SHEET 19
A-42	CG120	PLAN AND PROFILE SHEET 20
A-43	CG121	PLAN AND PROFILE SHEET 21
A-44	CG122	PLAN AND PROFILE SHEET 22
A-45	CG121A	PLAN AND PROFILE LOWERED PROFILE FOR FUTURE AIRPORT CONNECTION OPTION, SHEET 21A

ELECTRICAL

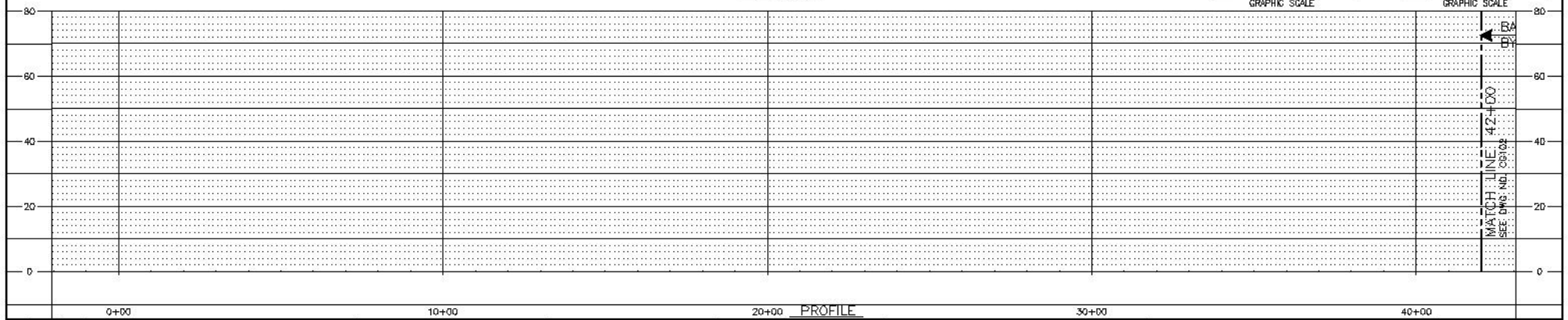
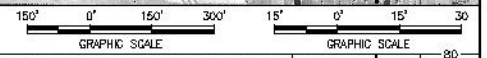
A-46	E211	PROPOSED BULK STATION/ SWITCHING STATION #1 ABEL ST. - MILPITAS
A-47	E212	PROPOSED BULK STATION/ SWITCHING STATION #2 MABURY ROAD - SAN JOSE
A-48	E213	PROPOSED BULK STATION/ SWITCHING STATION #3 NEWHALL ST. - SAN JOSE

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FIGURE A-2



PLAN



PROFILE

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**VTA** VALLEY TRANSPORTATION AUTHORITY

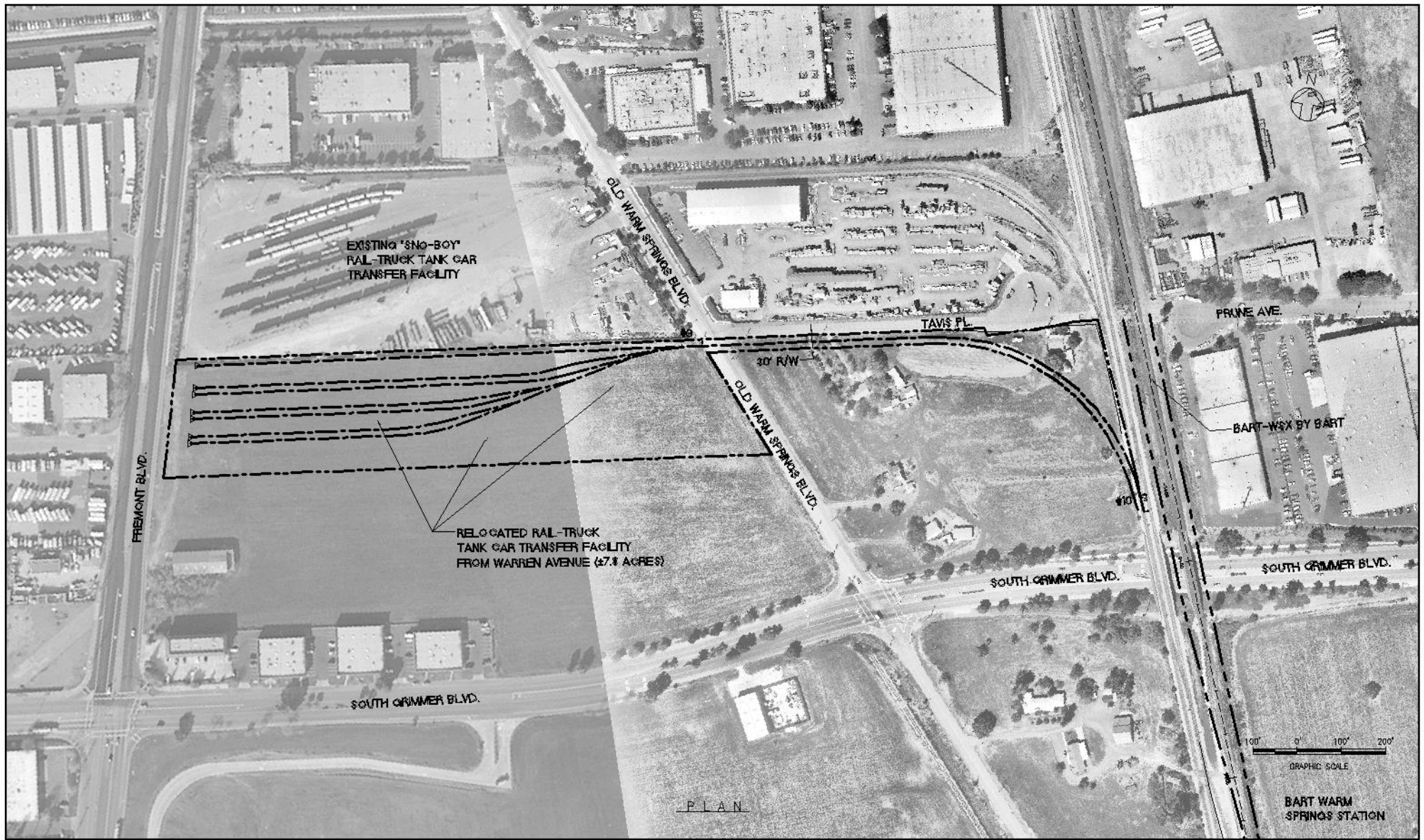
**SILICON VALLEY RAPID TRANSIT CORRIDOR**

BART - BUILD ALTERNATIVE  
PLAN AND PROFILE

SHEET 1

ISSUE DATE	28FE03
SCALE	1"=150'H; 1"=15'V
ISSUE FILE NO.	CG101.DWG
DWG NO.	CG101
REV.	0
PAGE NO.	

FIGURE A-3



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17500 WOODBRIDGE RD., SUITE 100  
DUBLIN, CA 94568  
TEL: (925) 484-6000  
FAX: (925) 484-5555

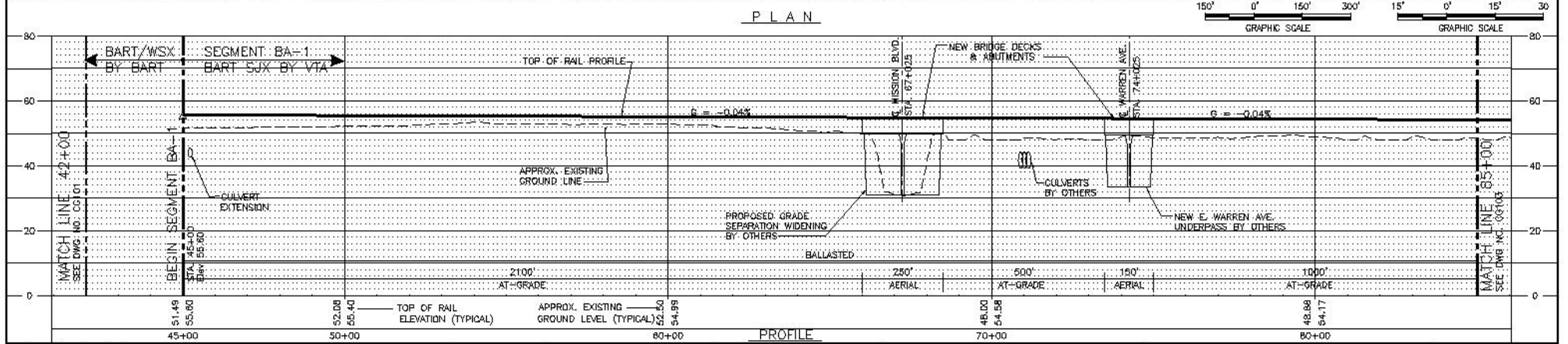
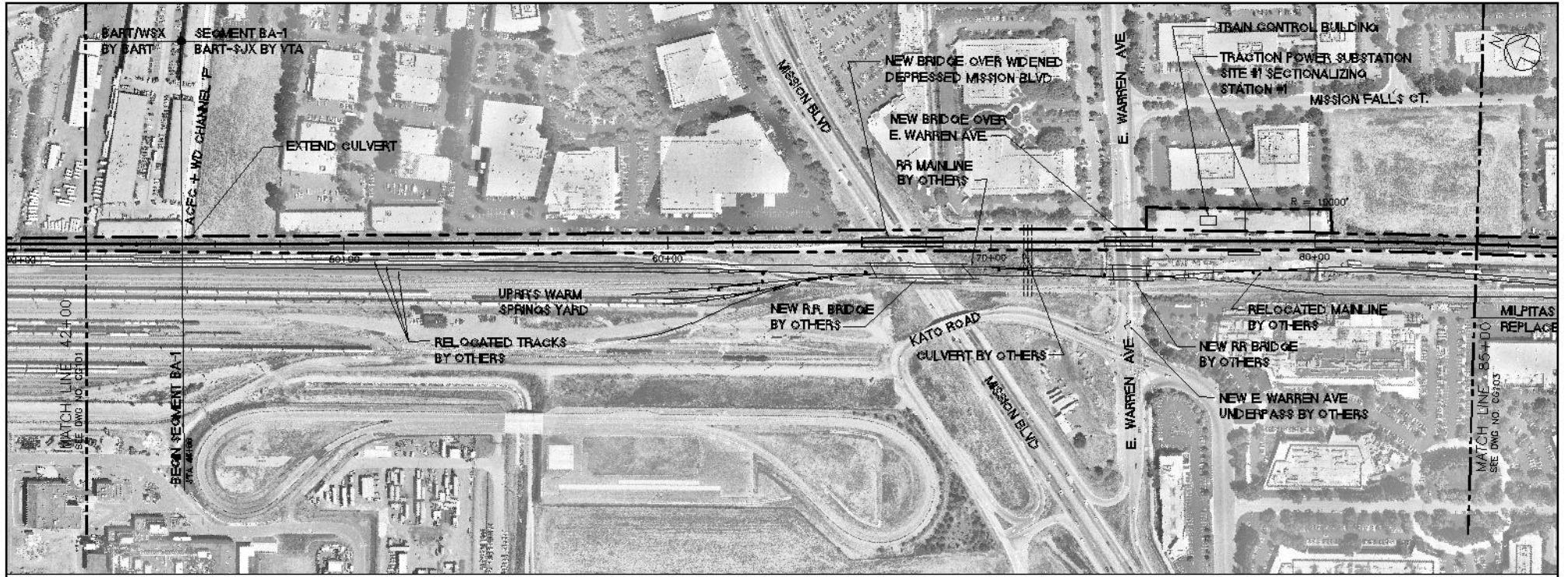
**VTA** VALLEY TRANSPORTATION AUTHORITY

**SILICON VALLEY RAPID TRANSIT CORRIDOR**

BART - BUILD ALTERNATIVE  
P L A N  
RELOCATED TRACK: RAIL-TRUCK TANK CAR  
TRANSFER FACILITY - SHEET 1A

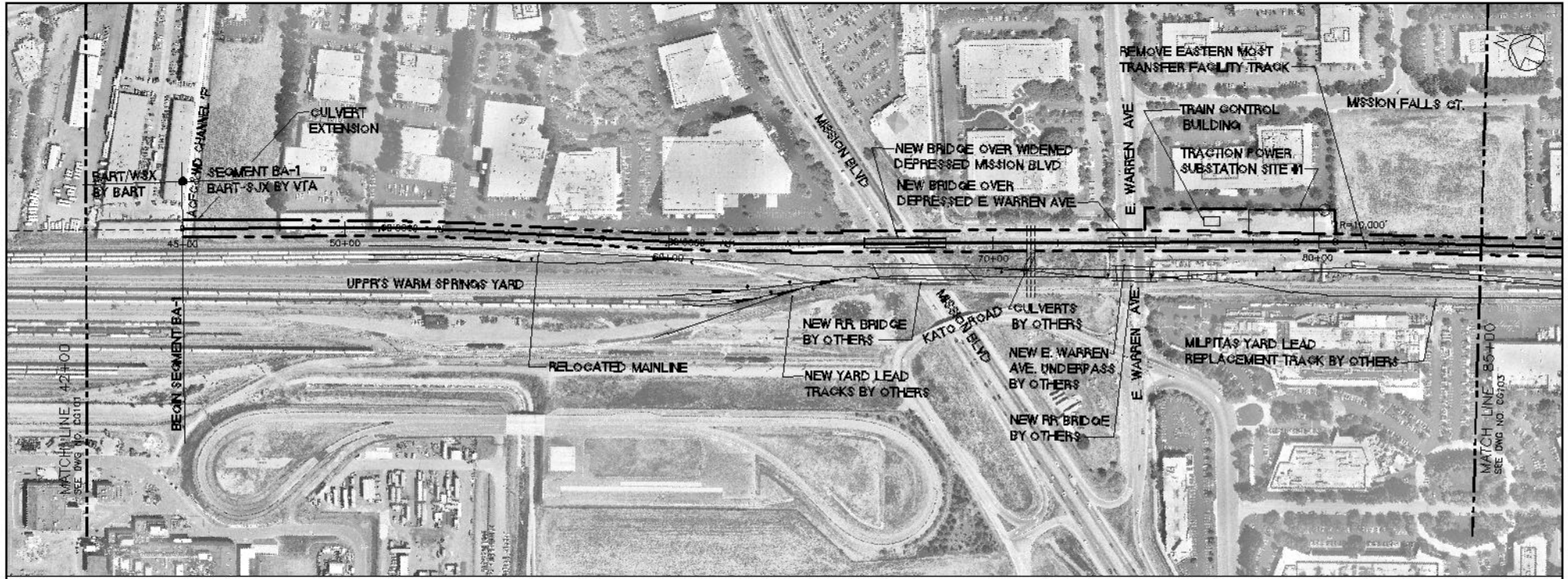
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ISSUE FILE NO.	CG101A.DWG
DWG NO.	CG101A
REV.	
PAGE NO.	

FIGURE A-4

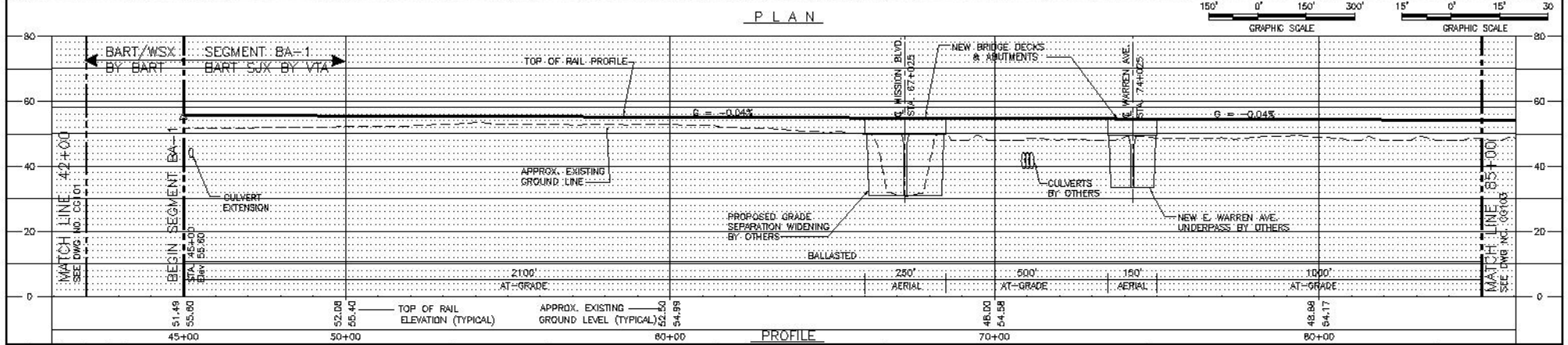


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FIGURE A-5



PLAN

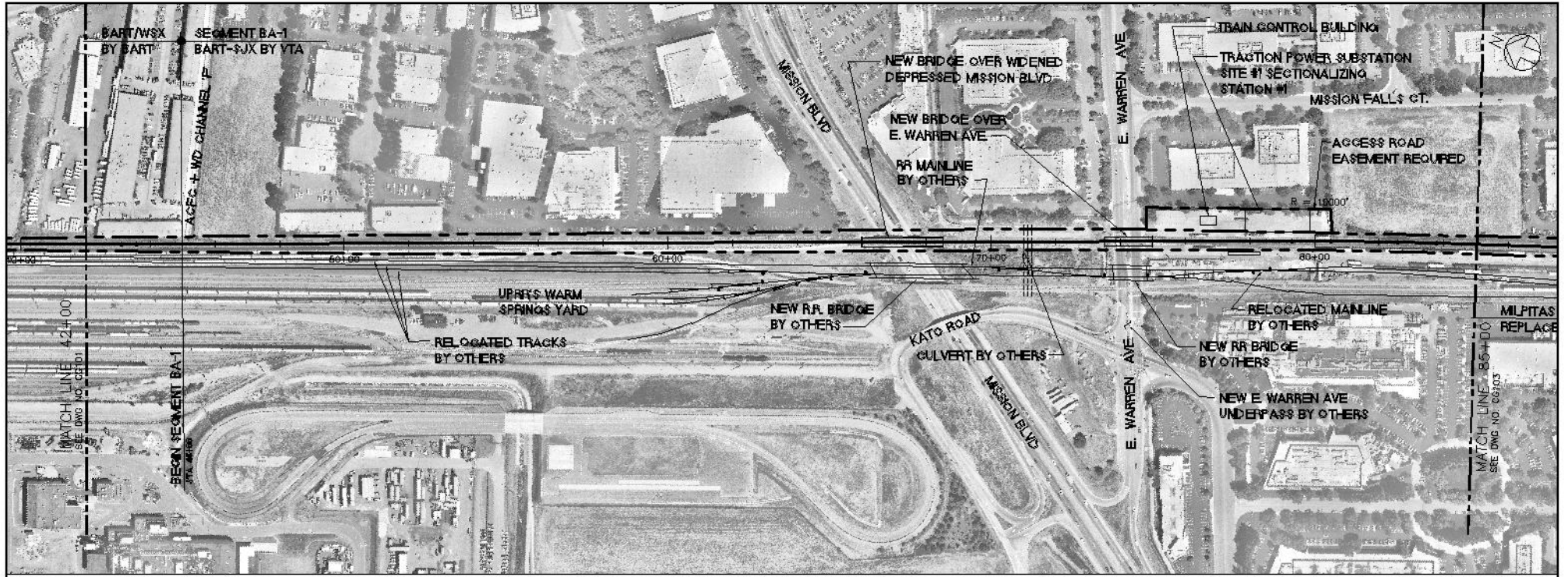


PROFILE

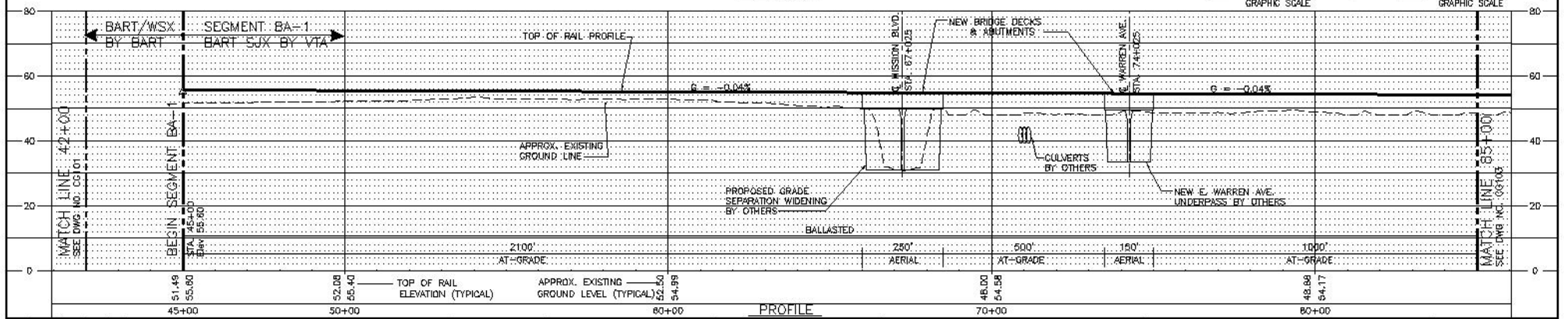
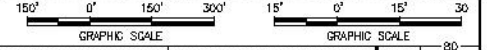
APPROVED FOR OR PURPOSES: VTA DATE SUBMITTED		DESIGNED BY: T. LUNA DRAWN BY: E. BEGGS CHECKED BY: J. MAHER APPROVED BY: D. MINISTER DATE: 25NO02		<b>EARTH TECH</b> <small>tyco worldwatec inc.</small> <small>100 WILSON BLVD., SUITE 1000</small> <small>NEWTON, MA 02459</small> <small>TEL: (617) 452-5555</small>		<b>VALLEY TRANSPORTATION AUTHORITY</b> <small>BARBA KLARA</small>		<b>SILICON VALLEY RAPID TRANSIT CORRIDOR</b> BART - BUILD ALTERNATIVE PLAN AND PROFILE SOUTH OF WARM SPRINGS EAST OF RAIL RIGHT-OF-WAY OPTION, SHEET 2A		GADD DATE: 28FE03 SCALE: 1"=150'H; 1"=15'V GADD FILE NO.: CG102ADWG DWG NO.: CG102A REV: A PAGE NO.:	
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REV.	DATE	BY	SA	APP.	DESCRIPTION

FIGURE A-6



PLAN



PROFILE

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17500 WILSON BLVD., SUITE 1000  
DUBLIN, CA 94568  
TEL: (916) 405-5555

**VTA** VALLEY TRANSPORTATION AUTHORITY

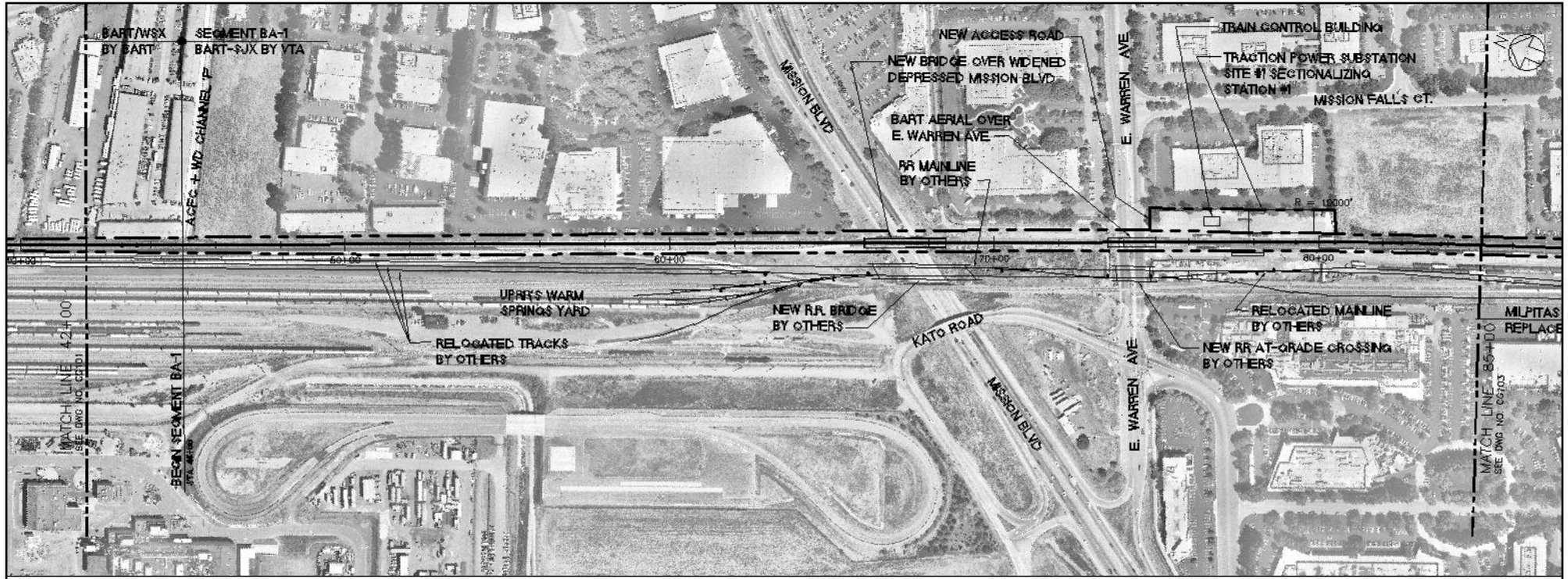
BARBA CLARA

**SILICON VALLEY RAPID TRANSIT CORRIDOR**

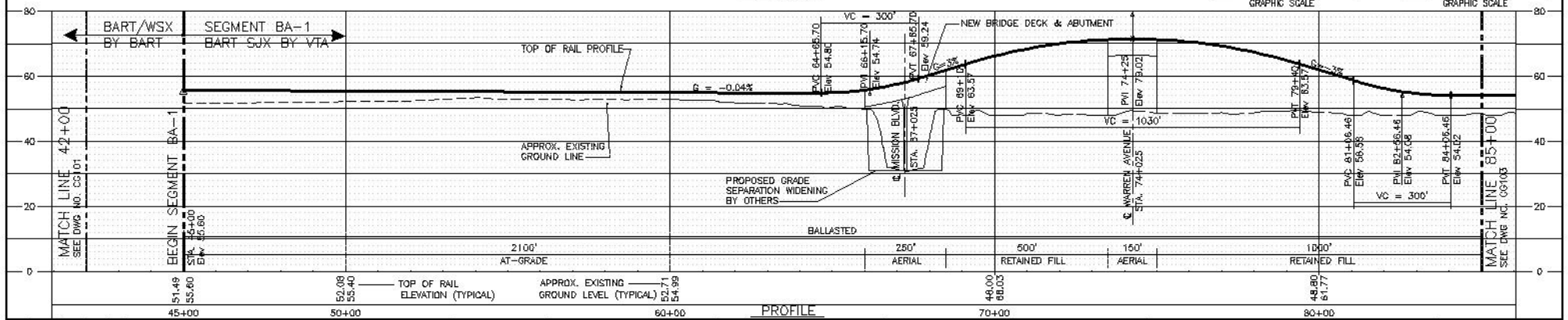
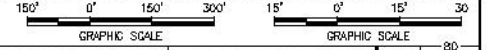
BART - BUILD ALTERNATIVE  
PLAN AND PROFILE  
WARREN AVENUE  
BART AT-GRADE OPTION, SHEET 2B

ISSUE DATE	20FE03
SCALE	1"=150'H; 1"=15'V
ISSUE FILE NO.	CG102B.DWG
DWG NO.	CG102B
REV.	0
PAGE NO.	

FIGURE A-7



PLAN

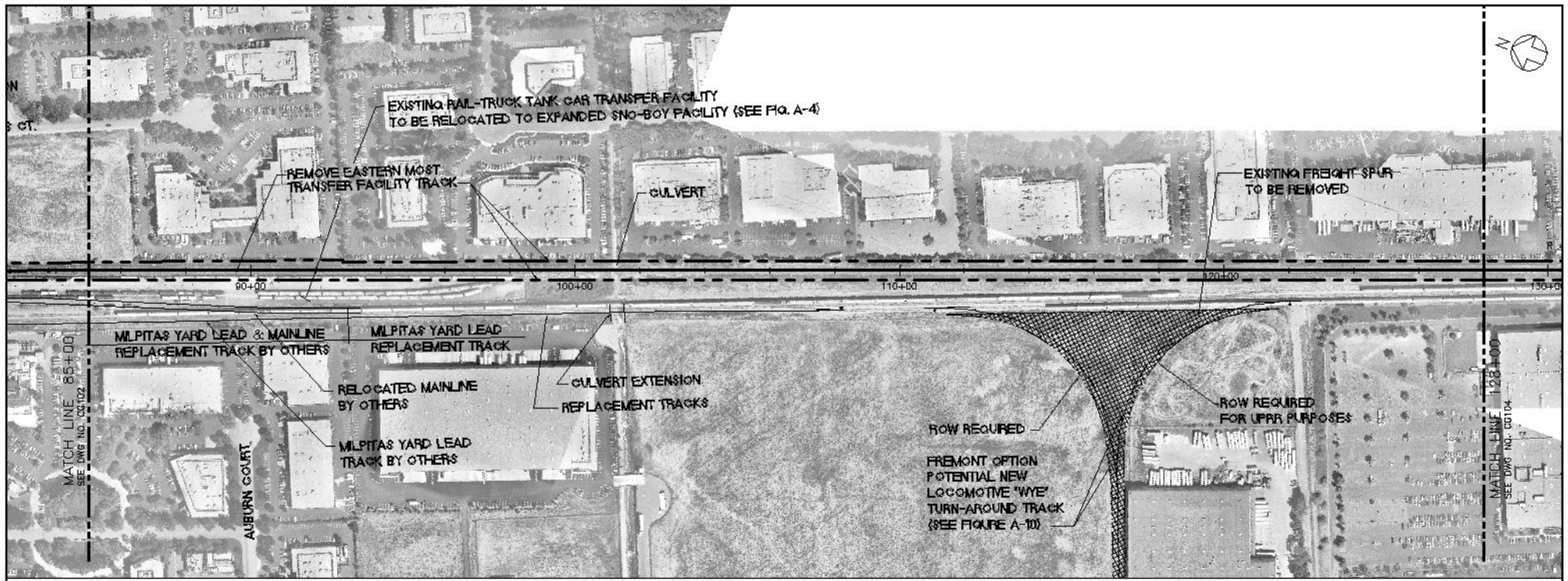


PROFILE

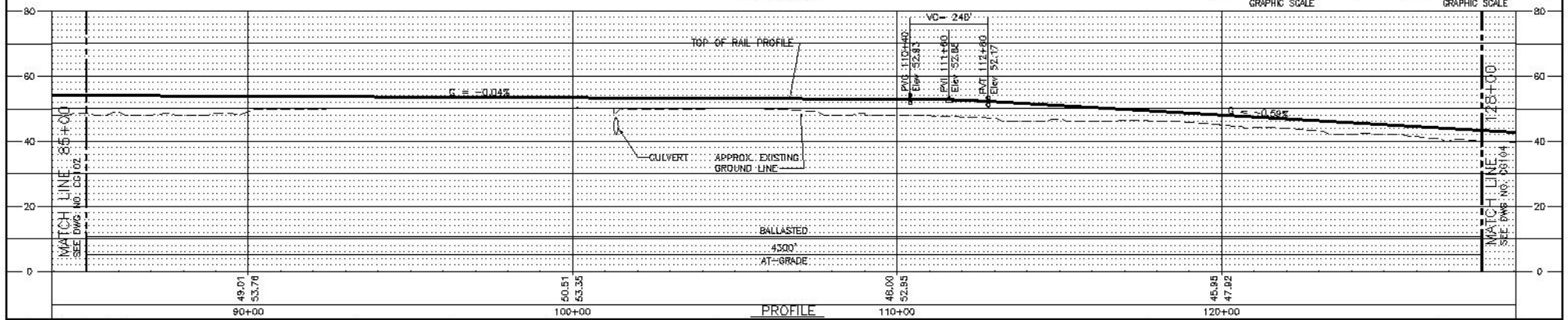
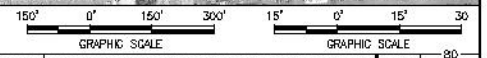
REV. DATE BY S.B. APP. DESCRIPTION	APPROVED FOR BR PURPOSES:	DESIGNED BY T. LUNA	EARTH TECH 4750 WOODBRIDGE BLVD., SUITE 1000 DUBLIN, CA 94568 TEL: (916) 405-5555	 VALLEY TRANSPORTATION AUTHORITY	SILICON VALLEY RAPID TRANSIT CORRIDOR		COORD. DATE: 28FE03
	VTA DATE SUBMITTED	CHECKED BY J. MAHER			APPROVED BY D. MINISTER	BART - BUILD ALTERNATIVE PLAN AND PROFILE WARREN AVENUE BART AERIAL OPTION, SHEET 2C	

FIGURE A-8





PLAN



PROFILE

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SUBMITTED	DATE 25NO02

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 SAN JOSE, CA 95128  
 TEL: (415) 494-5555

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**SILICON VALLEY RAPID TRANSIT CORRIDOR**  
 BART - BUILD ALTERNATIVE  
 PLAN AND PROFILE

ISSUE DATE	28FE03
SCALE	1"=150'H; 1"=15'V
ISSUE FILE NO.	CG103.DWG
DWG NO.	CG103
REV.	0
PAGE NO.	

FIGURE A-9



PLAN



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SUBMITTED	DATE 25NO02


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17500 WILSON BLVD., SUITE 1000  
DUBLIN, CA 94568  
TEL: (916) 406-5555

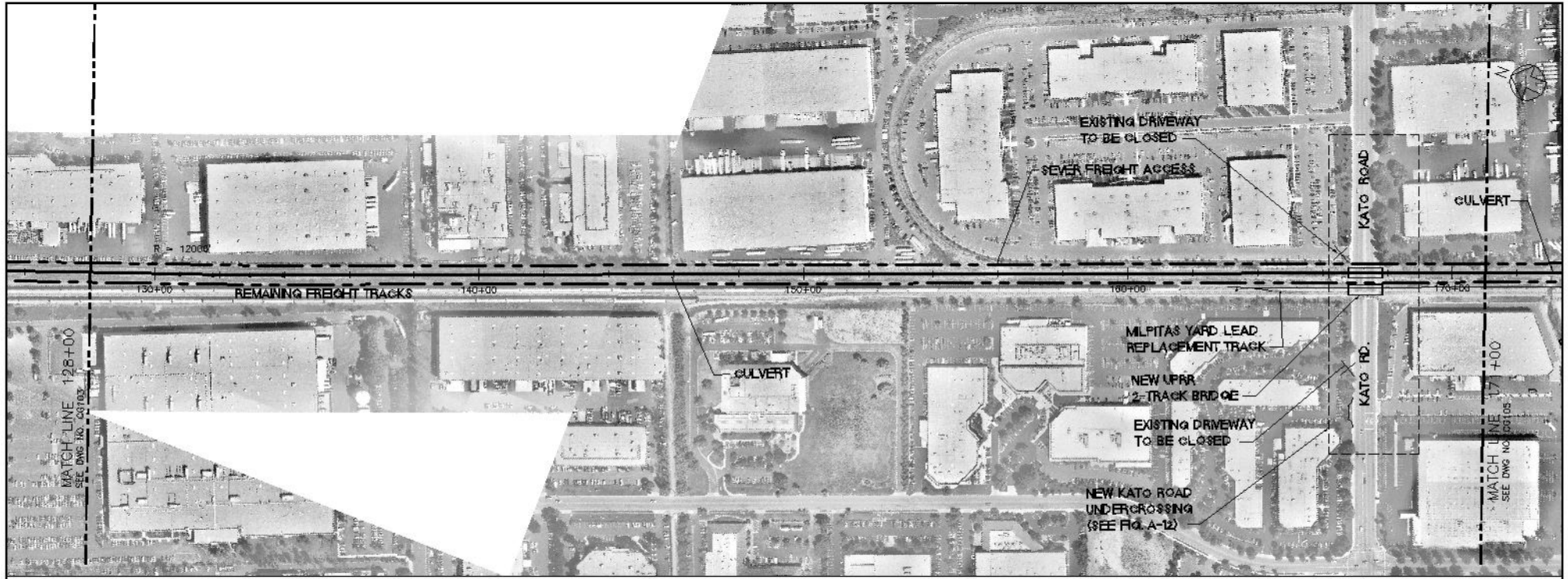
**VTA** VALLEY TRANSPORTATION AUTHORITY

**SILICON VALLEY RAPID TRANSIT CORRIDOR**

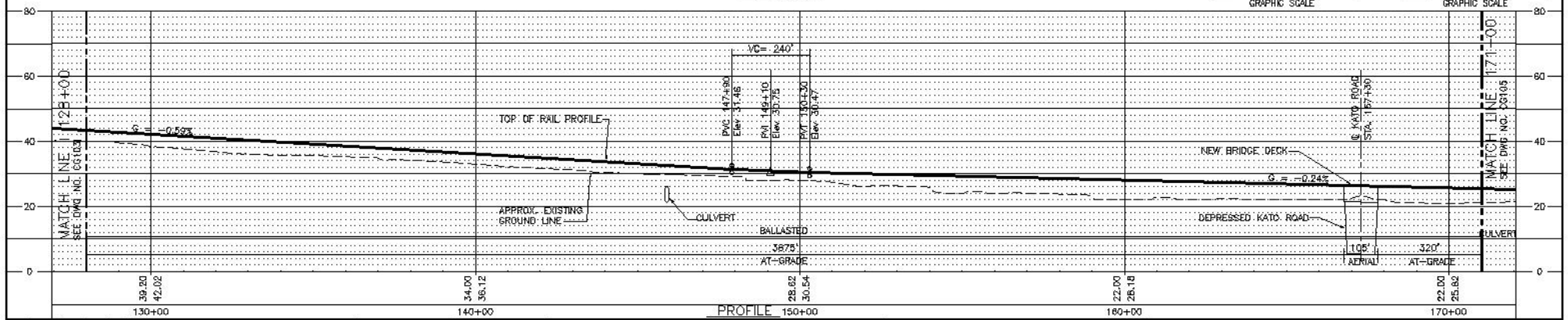
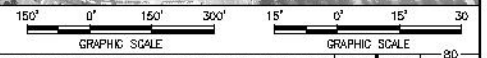
BART — BUILD ALTERNATIVE  
PLAN  
LOCOMOTIVE WYE LOCATION  
FREMONT OPTION, SHEET 3A

GRAPHIC SCALE	ISSUE DATE 28FE03
SCALE 1"=50'H	GADD FILE NO. CG103A.DWG
DWG NO. CG103A	REV. PAGE NO.

FIGURE A-10



PLAN



PROFILE

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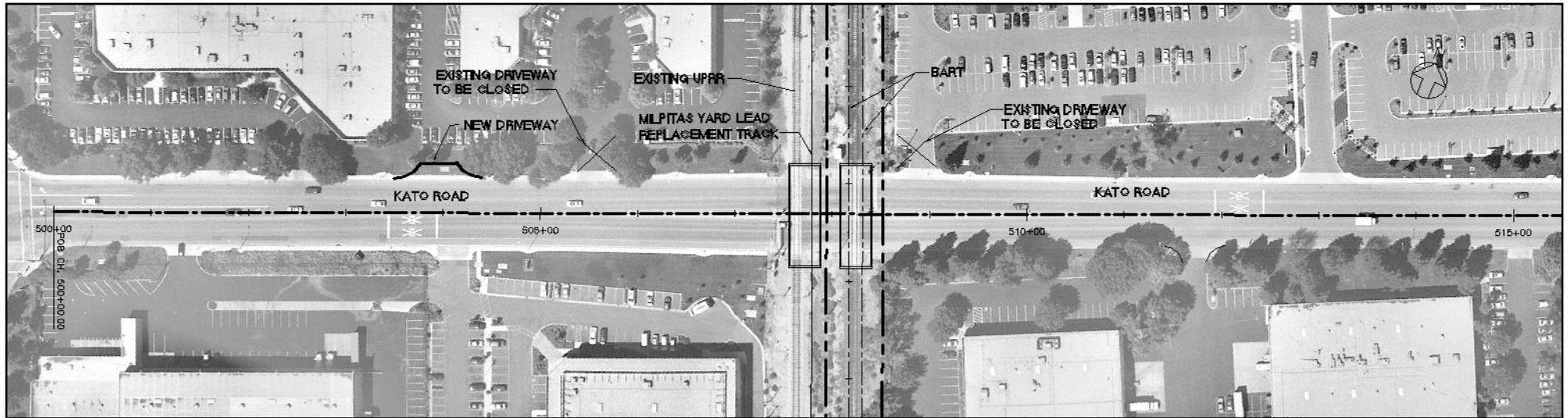
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	CHECKED BY J. MAHER
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SUBMITTED	DATE 25NO02

 <small>           17500 WOODBURN RD., SUITE 1000            WOODBURN, OR 97149            PHONE: (503) 485-6000            FAX: (503) 485-5555         </small>
---

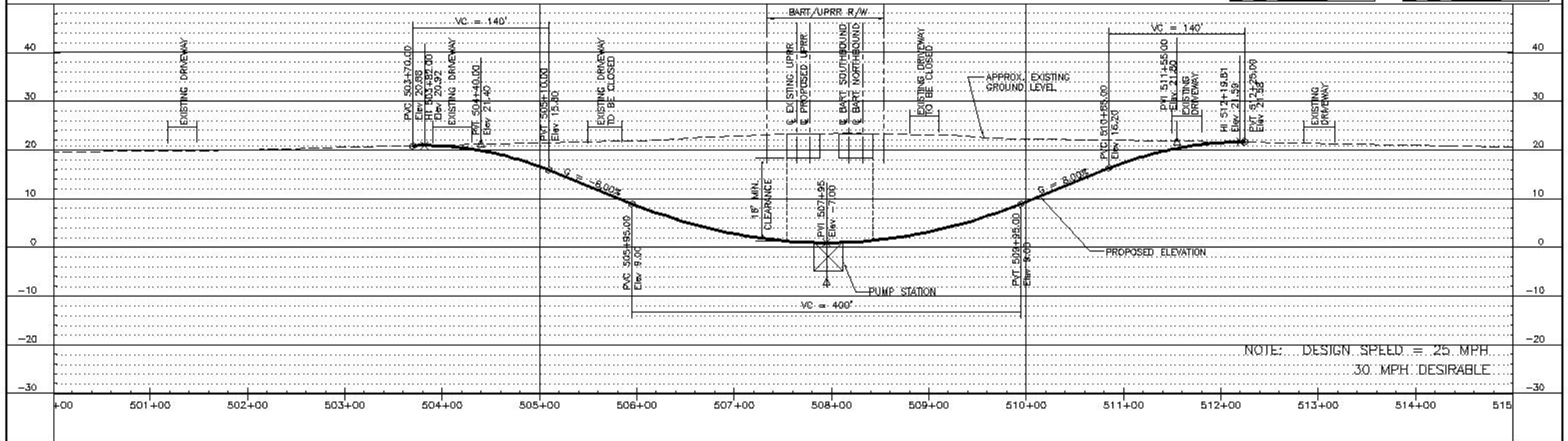
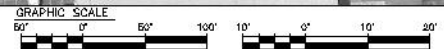
**Valley Transportation Authority**  
 SILICON VALLEY RAPID TRANSIT CORRIDOR  
 BART - BUILD ALTERNATIVE  
 PLAN AND PROFILE  
 SHEET 4

GADD DATE 20FE03 SCALE 1"=150'H; 1"=15'V GADD FILE NO. CG104.DWG DWG NO. CG104 REV 0 PAGE NO. 
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FIGURE A-11



PLAN



NOTE: DESIGN SPEED = 25 MPH  
30 MPH DESIRABLE

PROFILE

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SUBMITTED	DATE 25NO02

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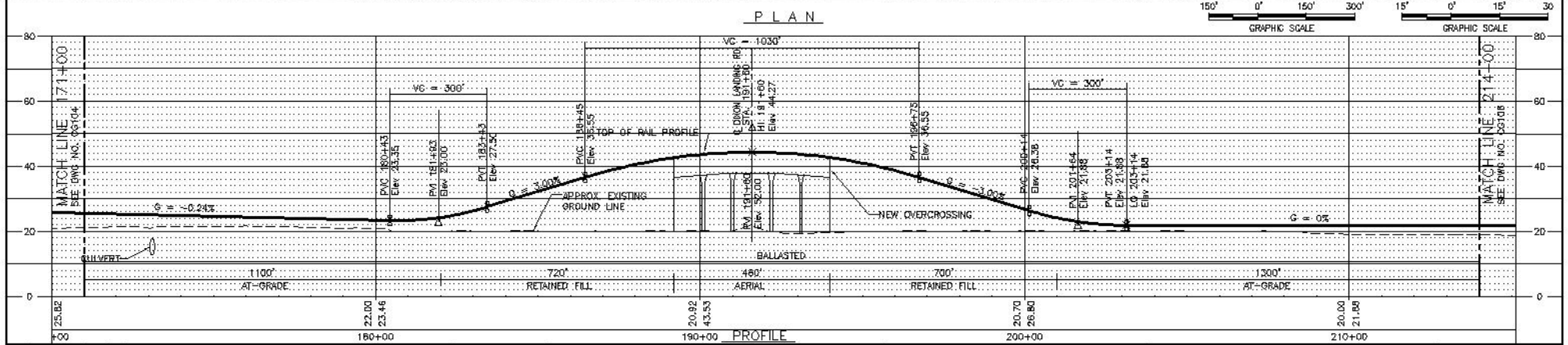
**EARTH TECH**  
 4750 WILSONWAY, SUITE 1000  
 OAKLAND, CA 94612  
 TEL: (510) 486-5500  
 FAX: (510) 486-5555

**VTA** VALLEY TRANSPORTATION AUTHORITY

**SILICON VALLEY RAPID TRANSIT CORRIDOR**  
 BART - BUILD ALTERNATIVE  
 ROADWAY PLAN AND PROFILE  
 KATO ROAD  
 SHEET 4A

GAO DATE 30JUN03
SCALE 1"=50'H; 1"=10'V
GAO FILE NO. CG104A.DWG
DWG NO. CG104A
REV
PAGE NO.

FIGURE A-12



REV.	DATE	BY	SA	APP.	DESCRIPTION

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		CHECKED BY J. MAHER
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SUBMITTED	DATE	DATE
		25NO02

EARTH TECH	
<small>           1750 WILSON ROAD, SUITE 11000            SAN JOSE, CA 95128            TEL: (415) 498-4000            FAX: (415) 498-5555         </small>	

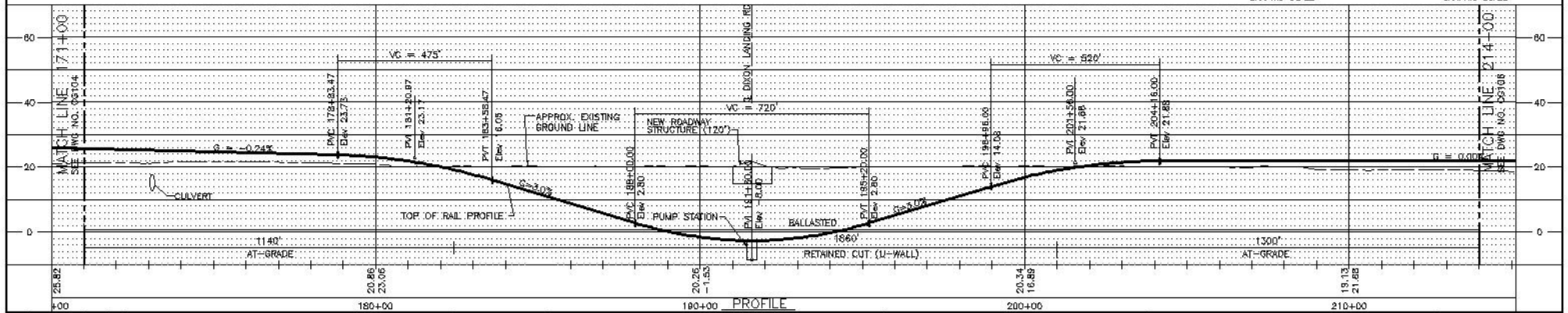
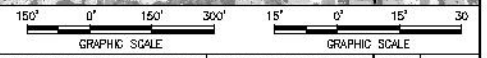
SILICON VALLEY RAPID TRANSIT CORRIDOR  
 BART - BUILD ALTERNATIVE  
 PLAN AND PROFILE  
 DIXON LANDING ROAD  
 BART AERIAL OPTION, SHEET 5

CAED DATE 28FE03	SCALE 1"=150'H; 1"=15'V
CAED FILE NO. CG105.DWG	DWG NO. CG105
REV 0	PAGE NO. 5

FIGURE A-13



PLAN



PROFILE

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SUBMITTED	DATE 25N002

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OAKLAND, CA 94612  
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FAX: (510) 486-5555

**VTA** SANTA CLARA  
Valley Transportation Authority

**SILICON VALLEY RAPID TRANSIT CORRIDOR**

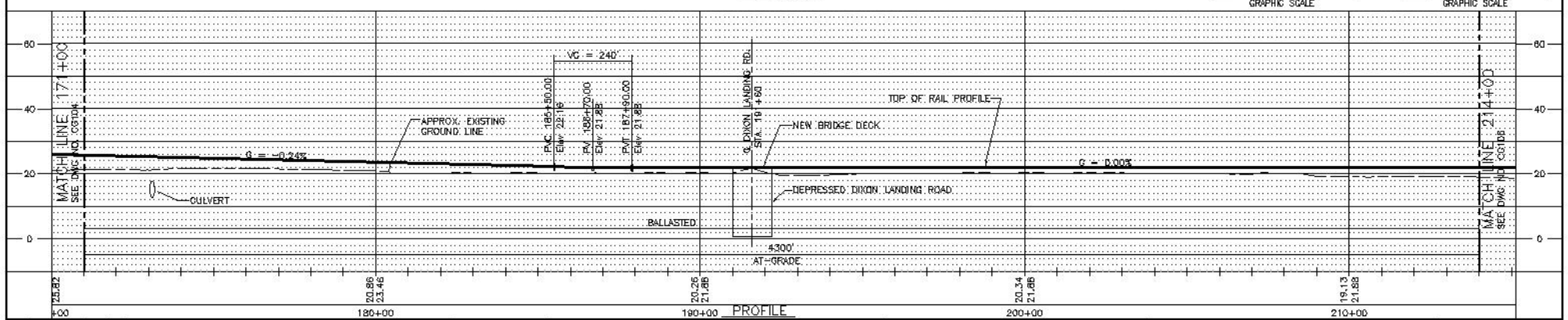
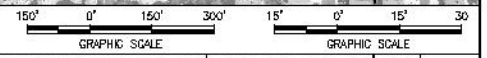
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PLAN AND PROFILE  
DIXON LANDING ROAD  
BART RETAINED CUT OPTION, SHEET 5A

ISSUE DATE 28FE03
SCALE 1"=150'H; 1"=15'V
GRID FILE NO. CG105A.DWG
DWG NO. CG105A
REV 0
PAGE NO. 

FIGURE A-14



PLAN



PROFILE

REV.	DATE	BY	QA	APP.	DESCRIPTION

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DUBLIN, CA 94568  
TEL: (925) 885-8800  
FAX: (925) 885-8801  
WWW.EARTHTECH.COM

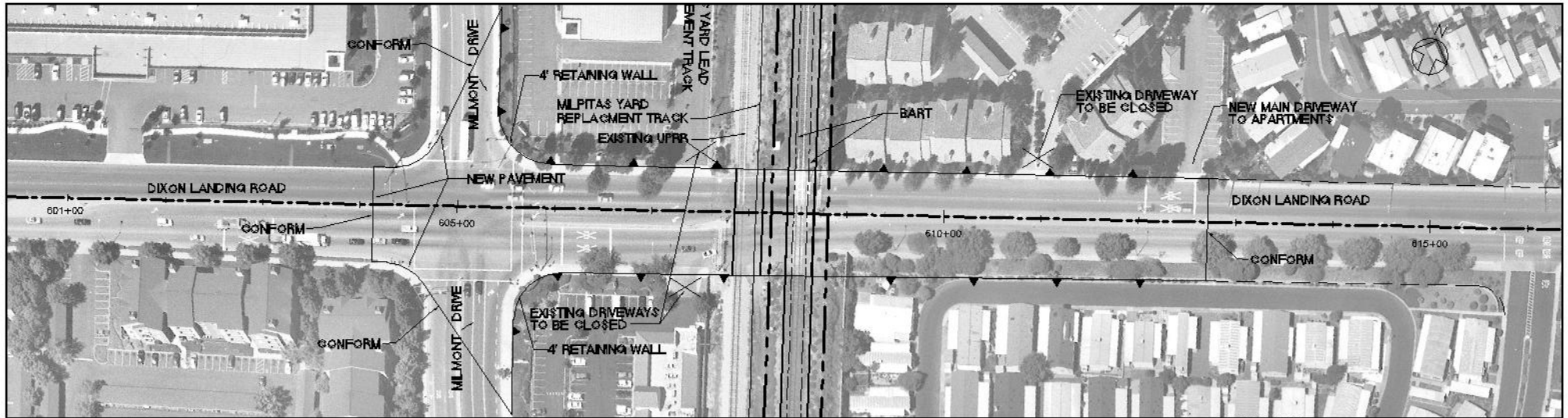
**VTA** SANTA CLARA  
Valley Transportation Authority

**SILICON VALLEY RAPID TRANSIT CORRIDOR**

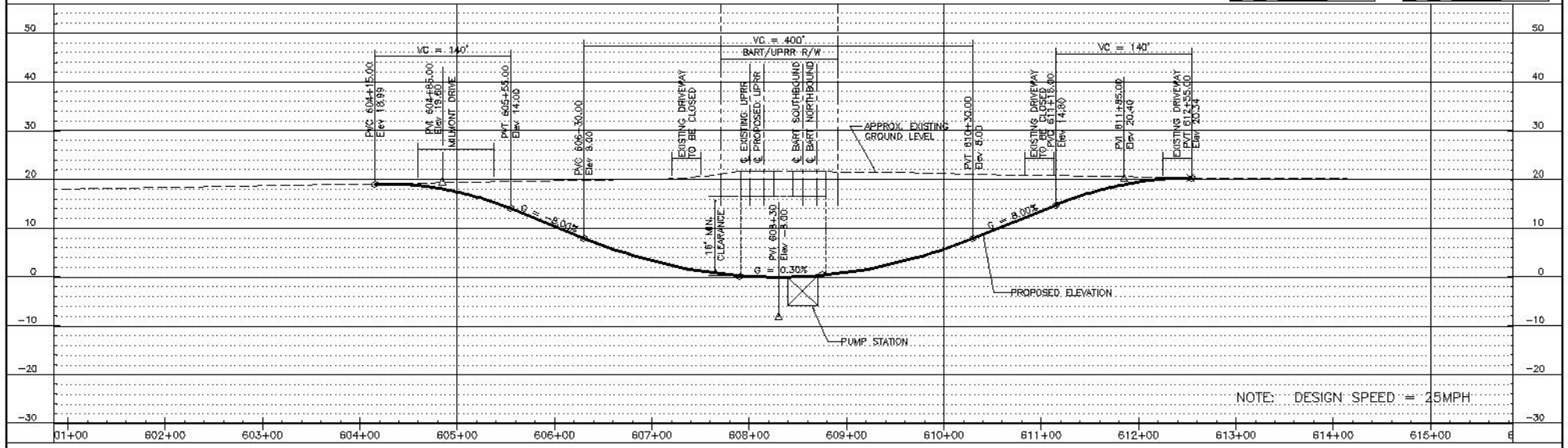
BART - BUILD ALTERNATIVE  
PLAN AND PROFILE  
DIXON LANDING ROAD  
BART AT-GRADE OPTION, SHEET 5B

ISSUE DATE	28FE03
SCALE	1"=150'H; 1"=15'V
GRID FILE NO.	CG105B.DWG
DWG NO.	CG105B
REV.	0
PAGE NO.	

FIGURE A-15



PLAN



PROFILE

NOTE: DESIGN SPEED = 25MPH

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DUBLIN, CA 94568  
TEL: (925) 405-5555

**VTA** VALLEY TRANSPORTATION AUTHORITY

**SILICON VALLEY RAPID TRANSIT CORRIDOR**

BART - BUILD ALTERNATIVE  
ROADWAY PLAN AND PROFILE  
DIXON LANDING  
BART AT-GRADE OPTION, SHEET 5C

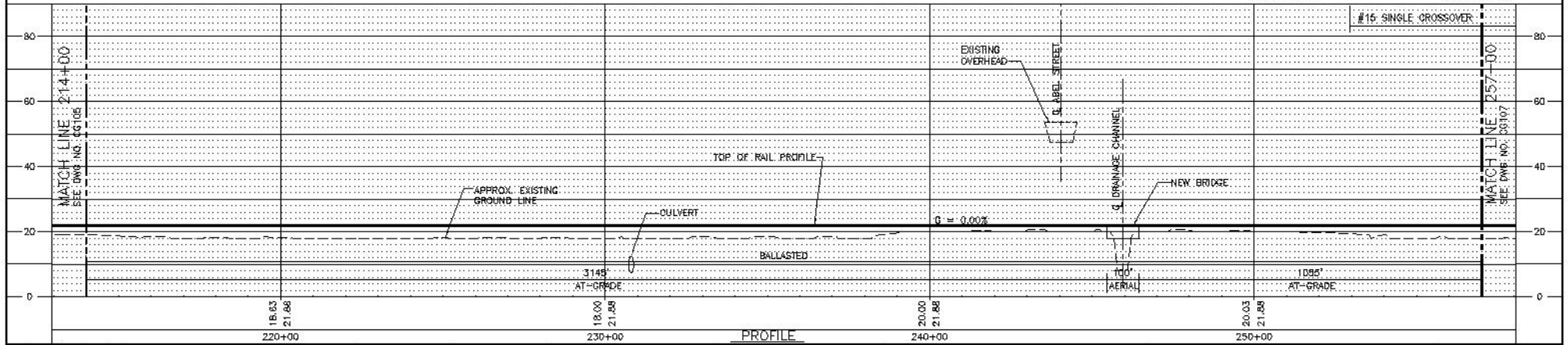
ISSUE DATE	30JUN03
SCALE	1"=50'H; 1"=10'V
GRID FILE NO.	CG105C.DWG
DWG NO.	CG105C
REV	
PAGE NO.	

FIGURE A-16





PLAN



PROFILE

REV.	DATE	BY	QA	APP	DESCRIPTION

APPROVED FOR OR PURPOSES:	DESIGNED BY T. LUNA
	DRAWN BY E. BEGGS
	CHECKED BY J. MAHER
VIA DATE	APPROVED BY D. MINISTER
SUBMITTED	DATE 25NO02

--

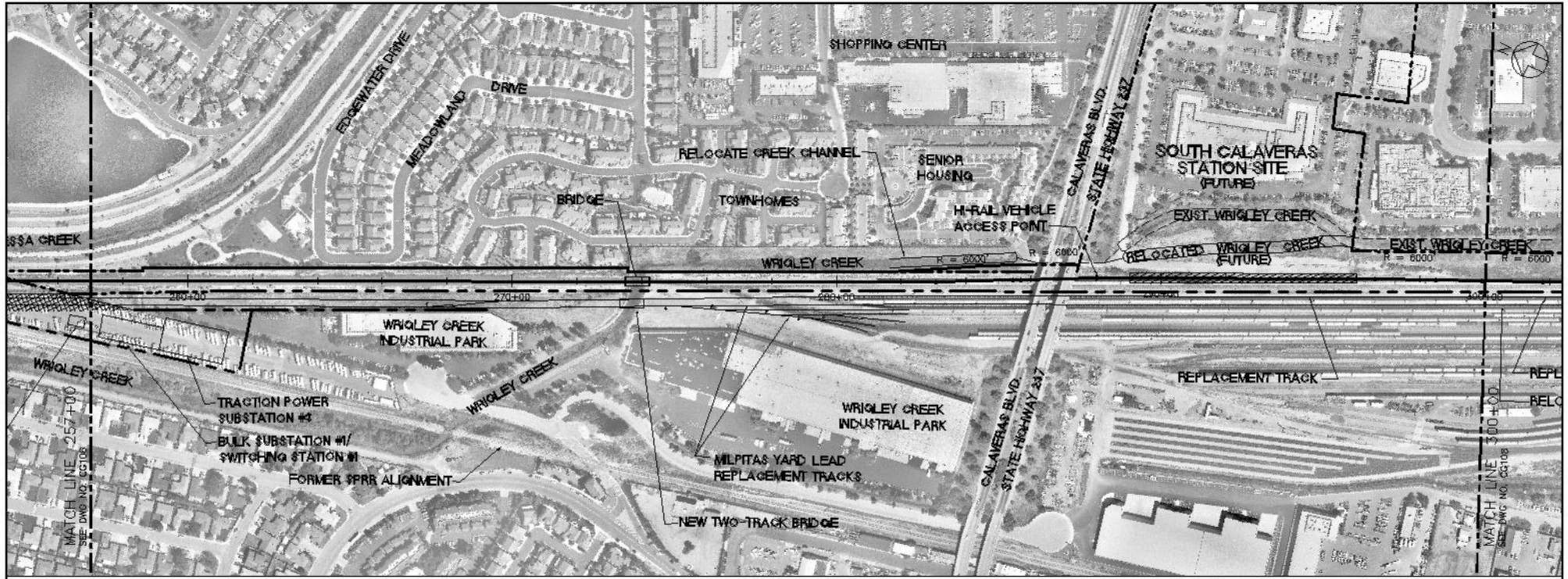
**EARTH TECH**  
17500 WILSON BLVD. SUITE 1000  
 SAN JOSE, CA 95130  
 TEL: (415) 406-5555

**SILICON VALLEY RAPID TRANSIT CORRIDOR**  
 BART - BUILD ALTERNATIVE  
 PLAN AND PROFILE

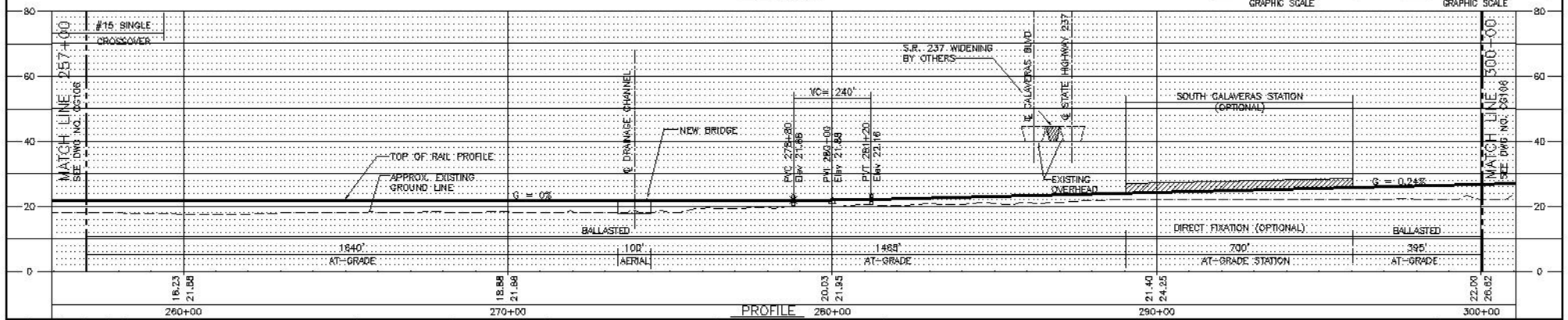
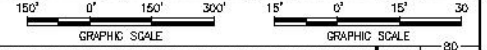
GRID DATE 28FE03
SCALE 1"=150'; 1"=15'
GRID FILE NO. CG106.DWG
DWG NO. CG106
REV 0
PAGE NO. 

SHEET 6

FIGURE A-17



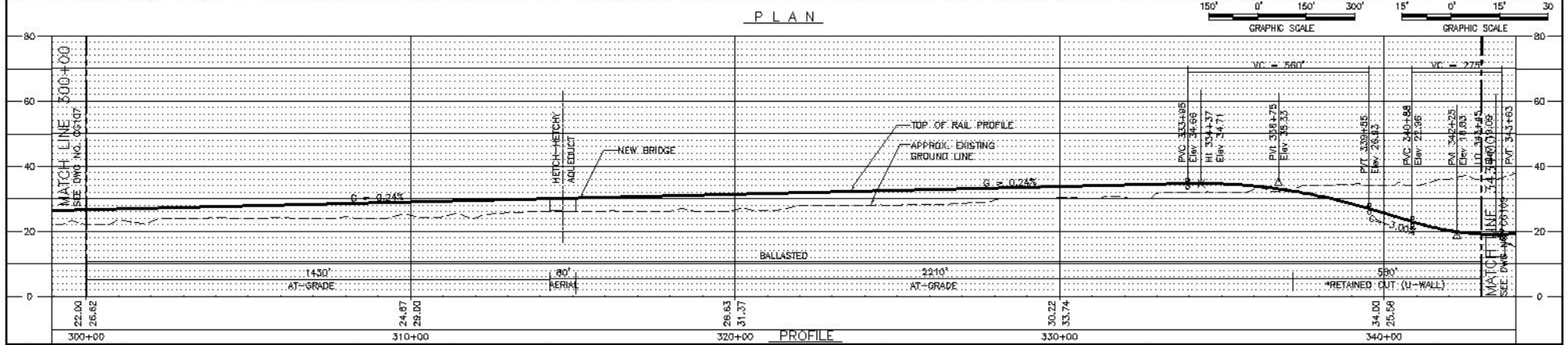
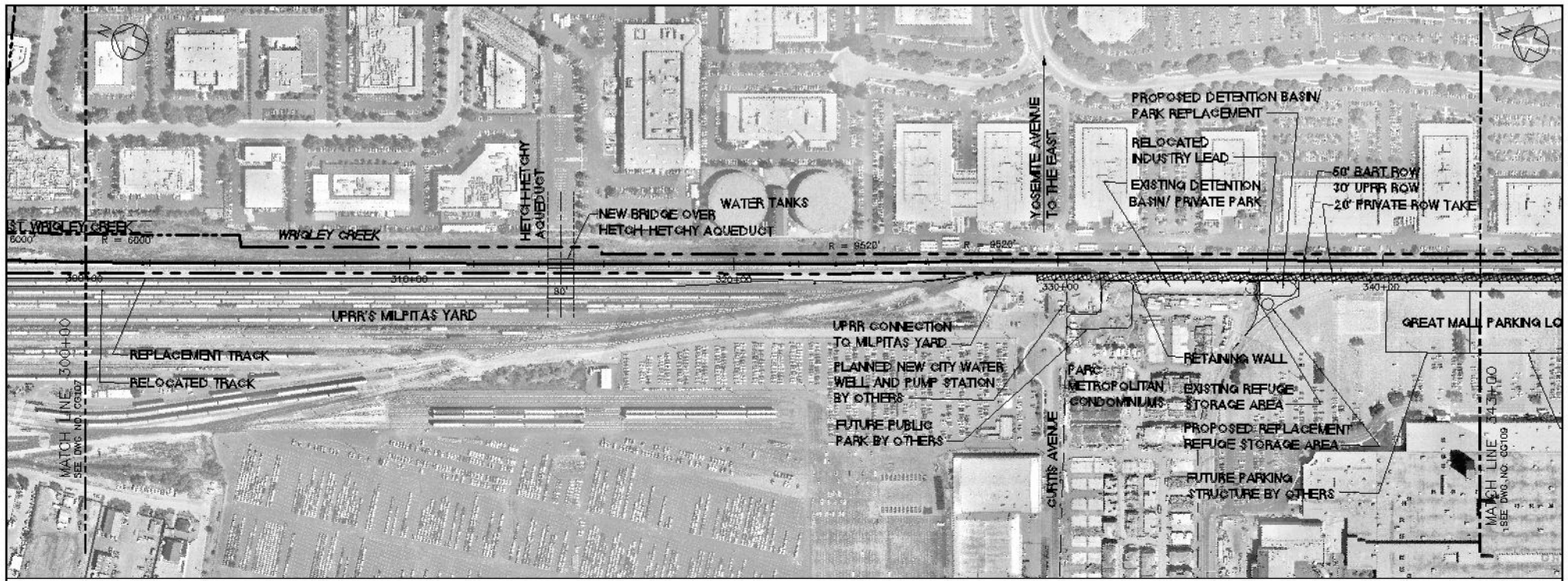
PLAN



PROFILE

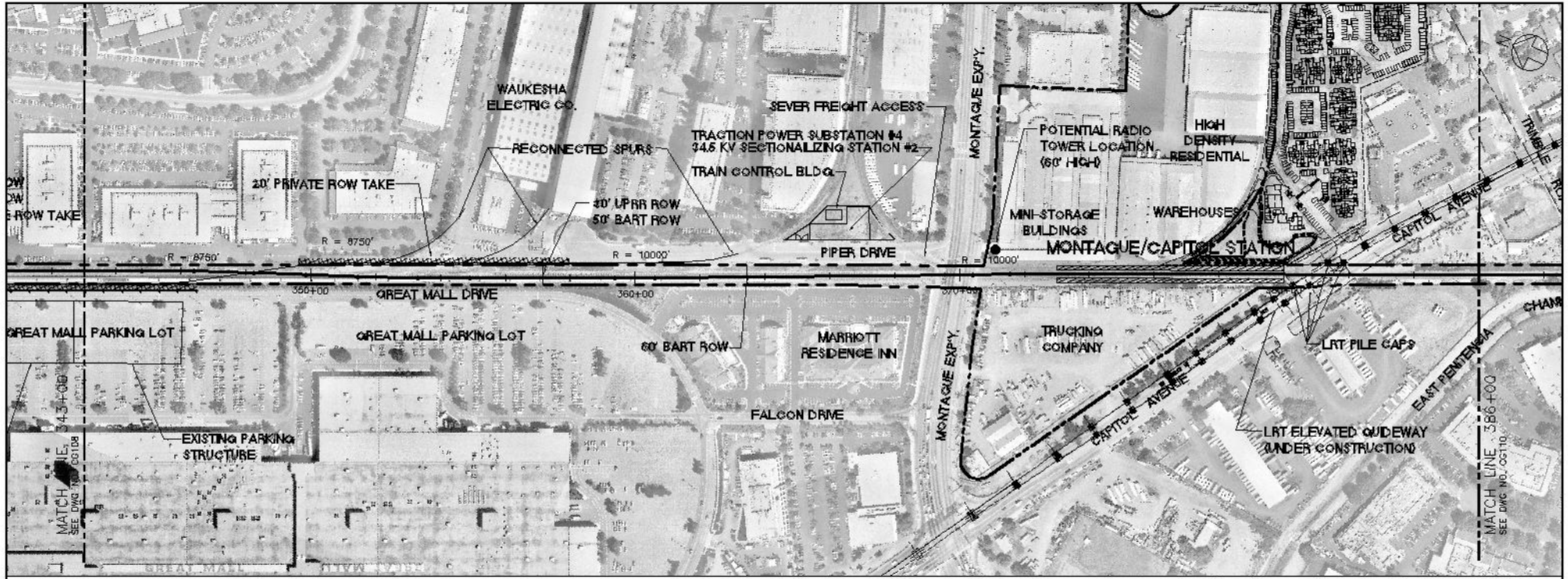
DESIGNED BY T. LUNA DRAWN BY E. BEGGS CHECKED BY J. MAHER APPROVED BY D. MINISTER DATE 25NO02		APPROVED FOR OR PURPOSES:  VTA DATE SUBMITTED		EARTH TECH 17500 WILSON BLVD., SUITE 1000 SAN JOSE, CA 95130 TEL: (415) 406-5555		SILICON VALLEY RAPID TRANSIT CORRIDOR BART - BUILD ALTERNATIVE PLAN AND PROFILE SHEET 7		GADD DATE 02JUN03 SCALE 1"=150'H; 1"=15'V GADD FILE NO. CG107.DWG DWG NO. CG107 REV 0 PAGE NO. 30	
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FIGURE A-18

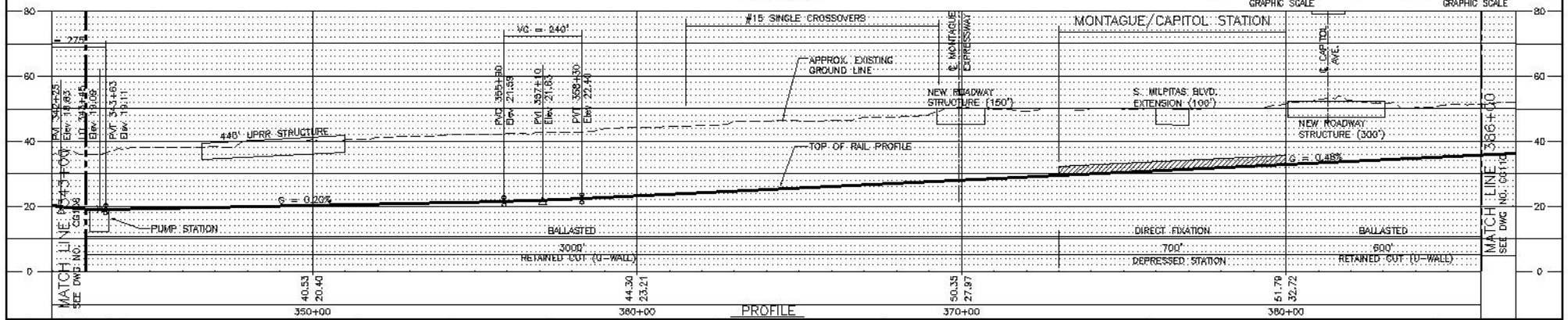
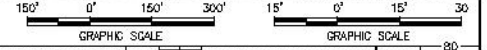


DESIGNED BY T. LUNA DRAWN BY E. BEGGS CHECKED BY J. MAHER APPROVED BY D. MINISTER DATE 25NO02		APPROVED FOR OR PURPOSES:  VIA DATE SUBMITTED		<b>EARTH TECH</b> 11700 WILSON AVENUE, SUITE 1000 DUBLIN, CA 94568 TEL: (916) 406-5555		<b>SILICON VALLEY RAPID TRANSIT CORRIDOR</b> BART - BUILD ALTERNATIVE PLAN AND PROFILE SHEET 8		Gantt DATE 28FE03 SCALE 1"=150'H; 1"=15'V Gantt FILE NO. CG108.DWG Gantt No. CG108 REV 0 PAGE NO. 	
REV	DATE	BY	DATE	APP	DESCRIPTION				

FIGURE A-19



PLAN



PROFILE

REV.	DATE	BY	QA	APP.	DESCRIPTION

APPROVED FOR OR PURPOSES:	DESIGNED BY T. LUNA
	DRAWN BY E. BEGGS
	CHECKED BY J. MAHER
VIA DATE	APPROVED BY D. MINISTER
SUBMITTED	DATE 25NO02

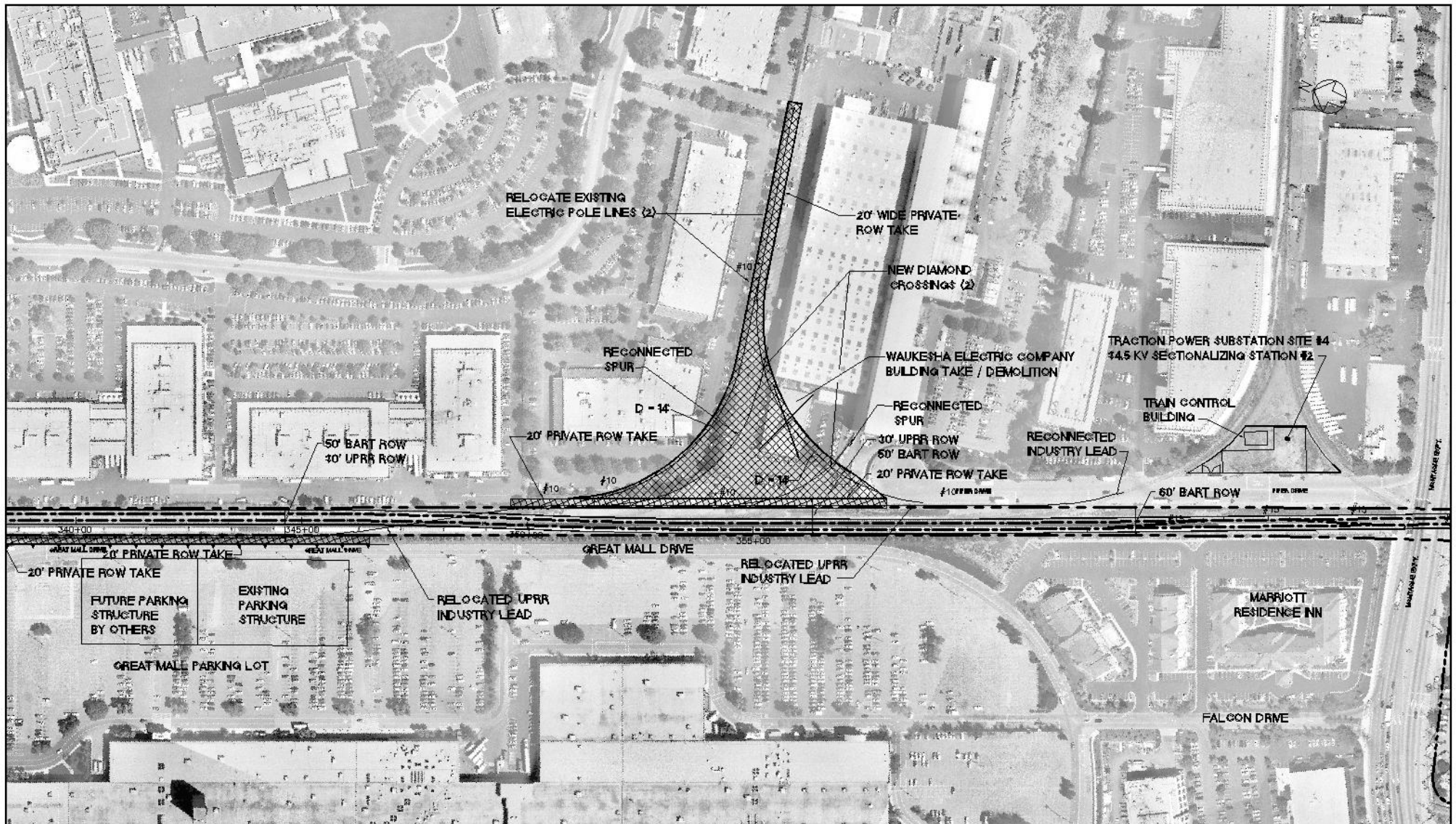

**EARTH TECH**  
 17500 WILSON BLVD., SUITE 1000  
 SAN JOSE, CA 95130  
 TEL: (415) 406-5555

**VTA** VALLEY TRANSPORTATION AUTHORITY  
 HARRY CLARA

**SILICON VALLEY RAPID TRANSIT CORRIDOR**  
 BART - BUILD ALTERNATIVE  
 PLAN AND PROFILE  
 SHEET 9

ISSUE DATE 28FE03
SCALE 1"=150'H; 1"=15'V
GRID FILE NO. CG109.DWG
DWG NO. CG109
REV. 0
PAGE NO. 

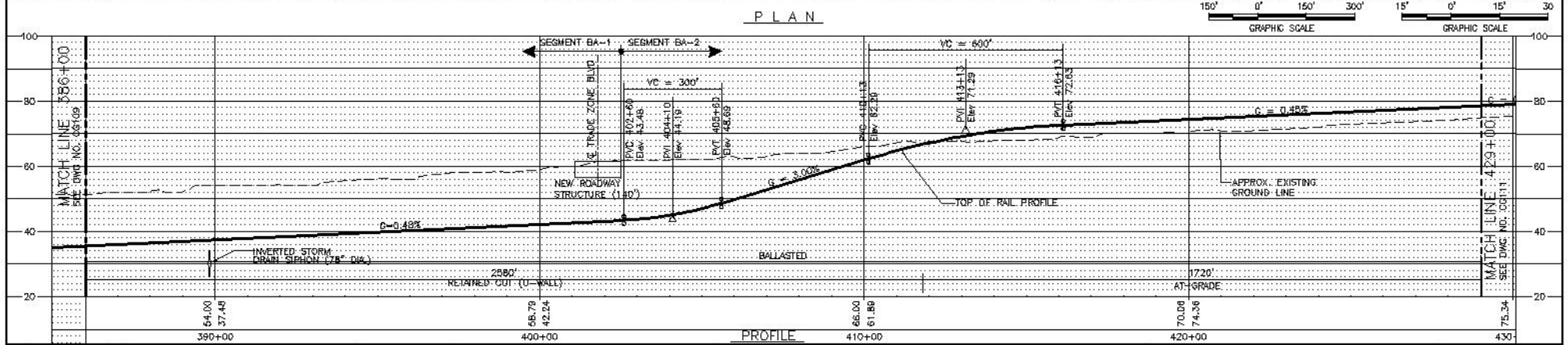
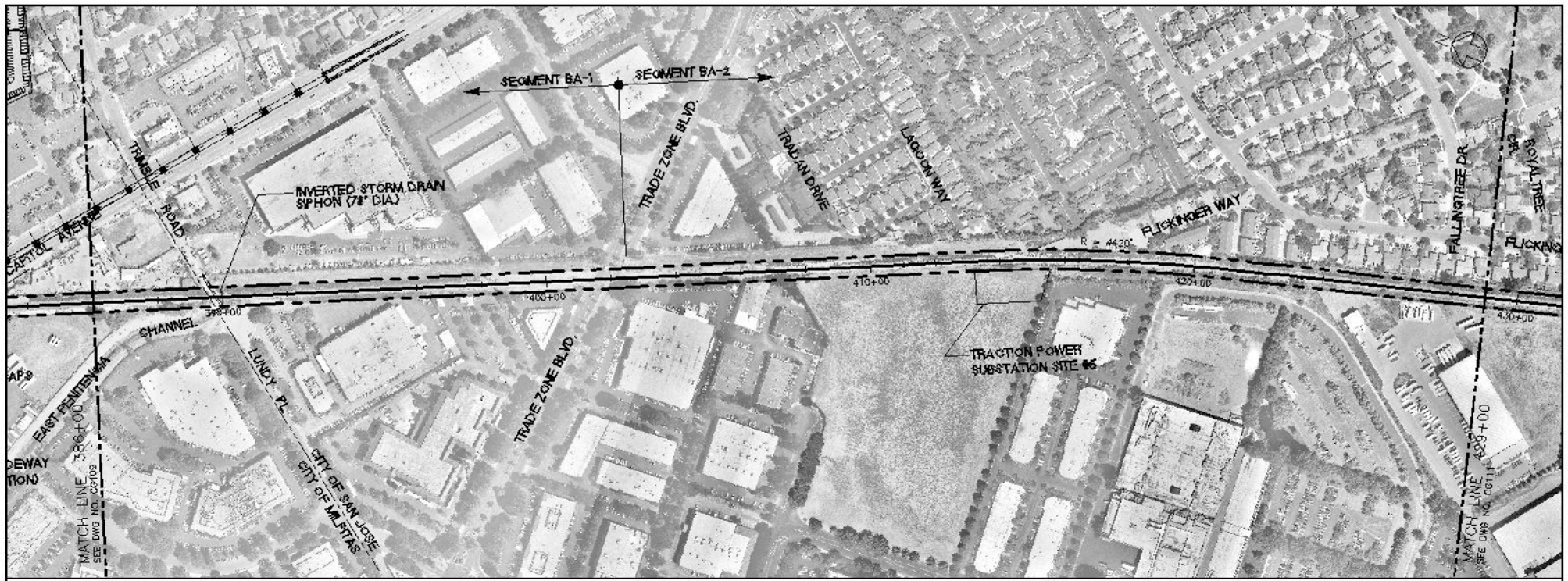
FIGURE A-20



PLAN

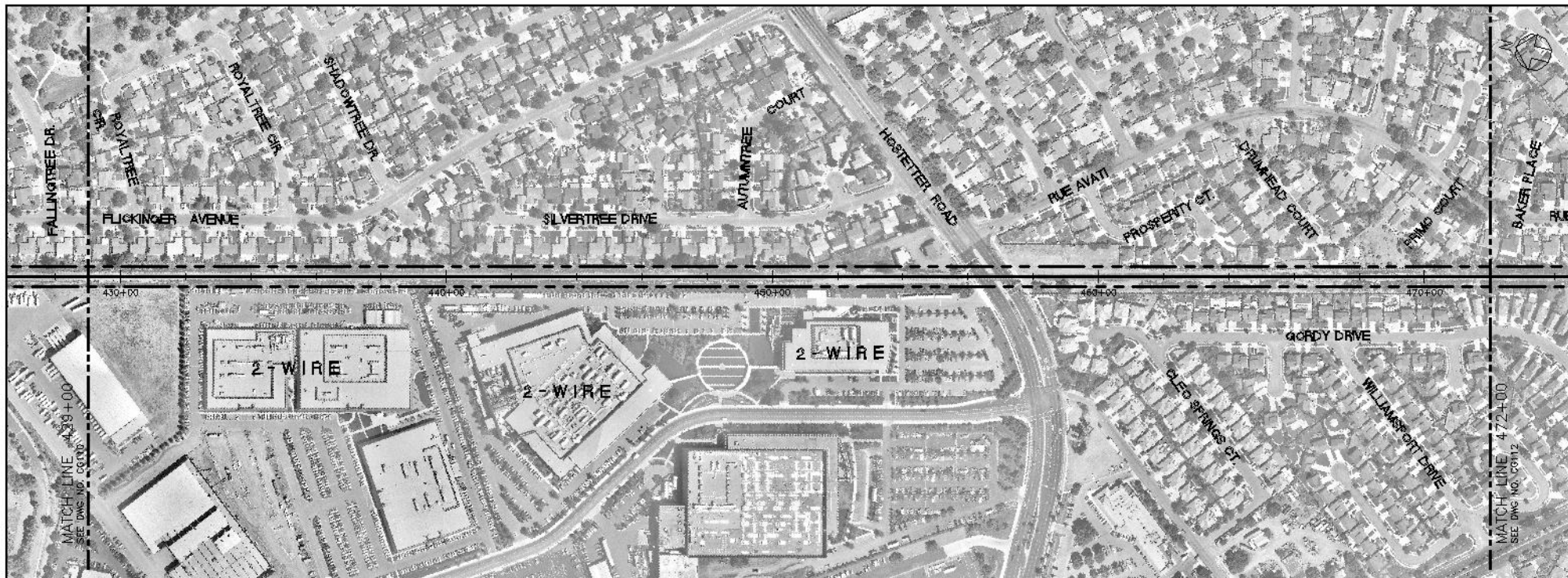
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REV	DATE	BY	SA	APP	DESCRIPTION																													

FIGURE A-21

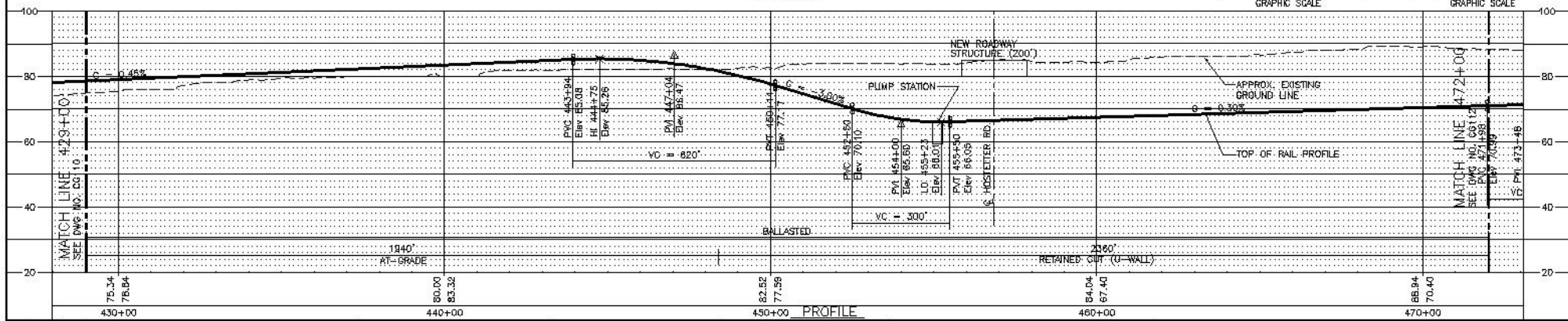
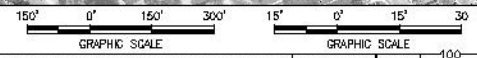


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REV	DATE	BY	QA	APP	DESCRIPTION																									

FIGURE A-22



PLAN



PROFILE

REV	DATE	BY	APP	DESCRIPTION

APPROVED FOR OR PURPOSES:	DESIGNED BY T. LUNA
	DRAWN BY E. BEGGS
	CHECKED BY J. MAHER
VIA	DATE
SUBMITTED	DATE

APPROVED BY D. MINISTER	DATE 25NO02
----------------------------	----------------

**EARTH TECH**  
tyco  
 1000 W. 15th Street, Suite 1000  
 San Jose, CA 95128  
 Tel: (415) 406-5555

**VTA** VALLEY TRANSPORTATION AUTHORITY  
 HANNA CLARA

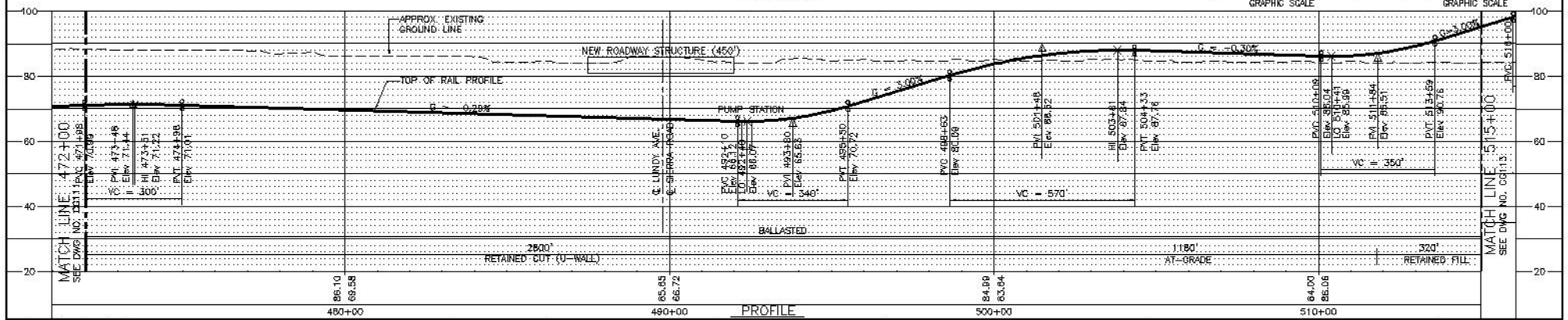
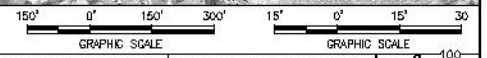
**SILICON VALLEY RAPID TRANSIT CORRIDOR**  
 BART - BUILD ALTERNATIVE  
 PLAN AND PROFILE  
 SHEET 11

ISSUE DATE 30JUN03	SCALE 1"=150'; 1"=15'V
ISSUE FILE NO. CG111.DWG	ISSUE NO. CG111
ISSUE DATE 30JUN03	ISSUE NO. 0

FIGURE A-23



PLAN



PROFILE

REV	DATE	BY	QA	APP	DESCRIPTION

APPROVED FOR DR PURPOSES:	DESIGNED BY T. LUNA
	DRAWN BY E. BEGGS
	CHECKED BY J. MAHER
VIA DATE	APPROVED BY D. MINISTER
SUBMITTED	DATE 25NO02

**EARTH TECH**

4750 WOODBURN RD., SUITE 1000  
SANTA CLARA, CA 95051  
Tel: (415) 495-5555

**VTA** VALLEY TRANSPORTATION AUTHORITY

**SILICON VALLEY RAPID TRANSIT CORRIDOR**

BART - BUILD ALTERNATIVE  
PLAN AND PROFILE

SHEET 12

DATE: 30JAO3

SCALE: 1"=150'H; 1"=15'V

FILE NO: CG112.DWG

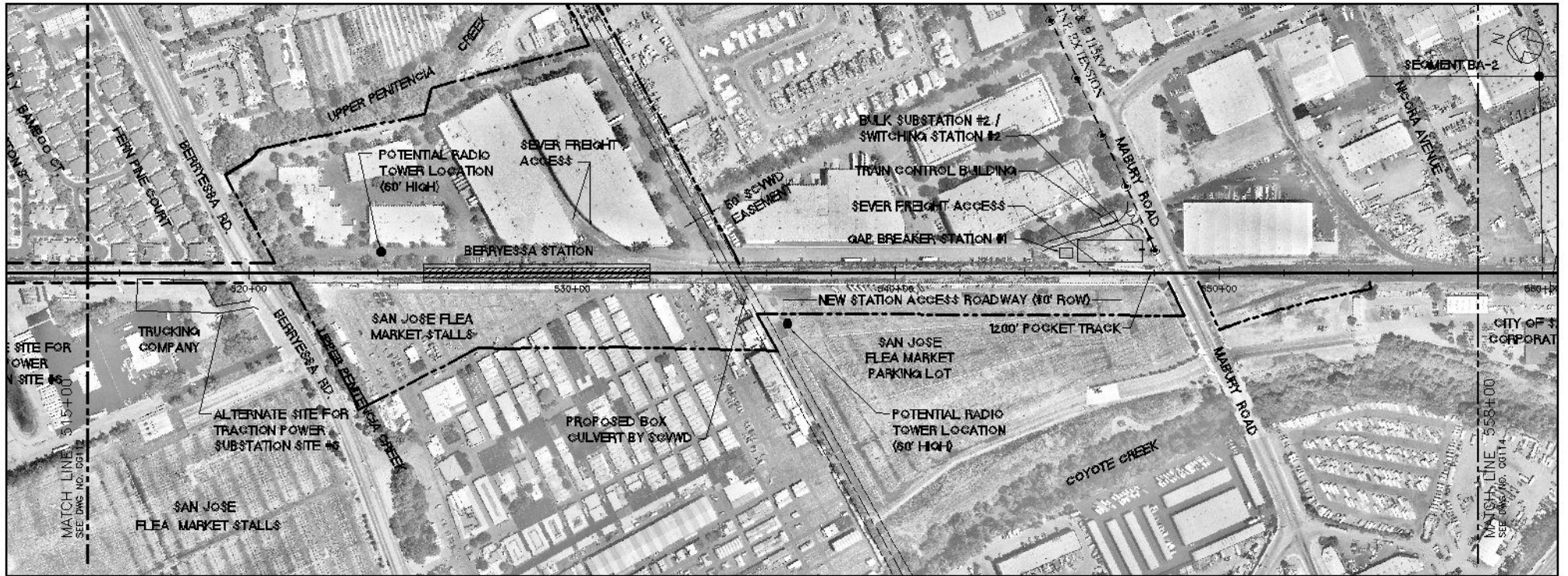
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REV: 0

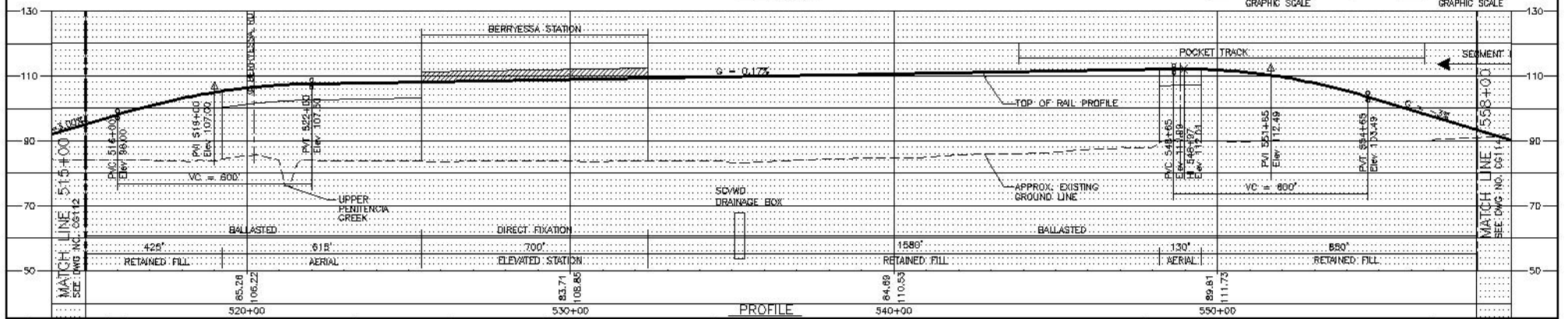
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FIGURE A-24





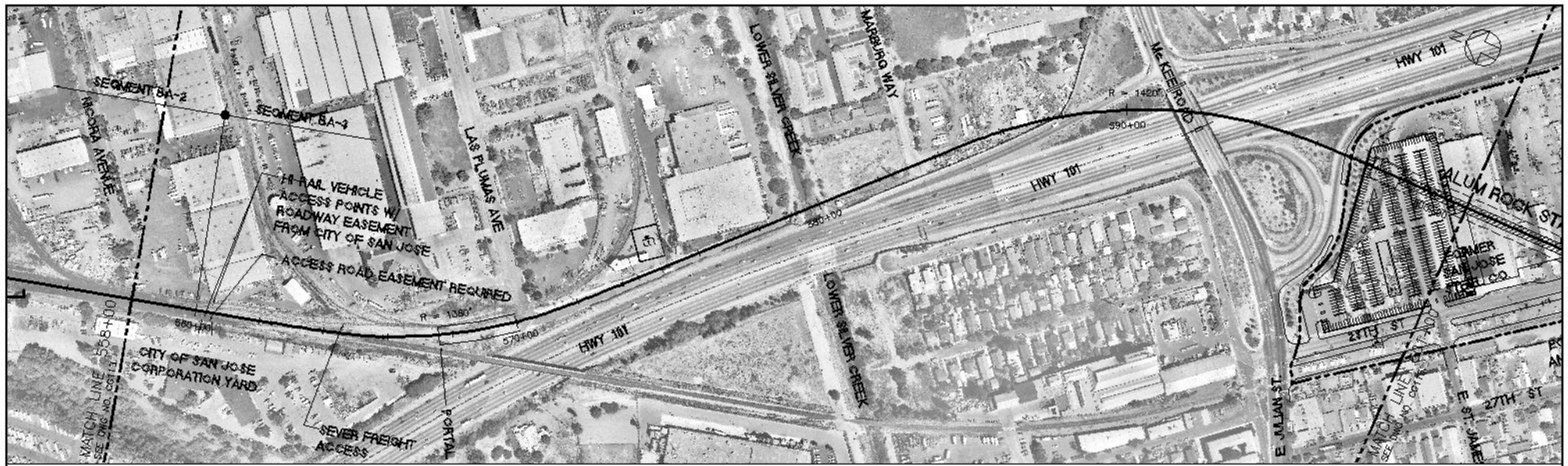
PLAN



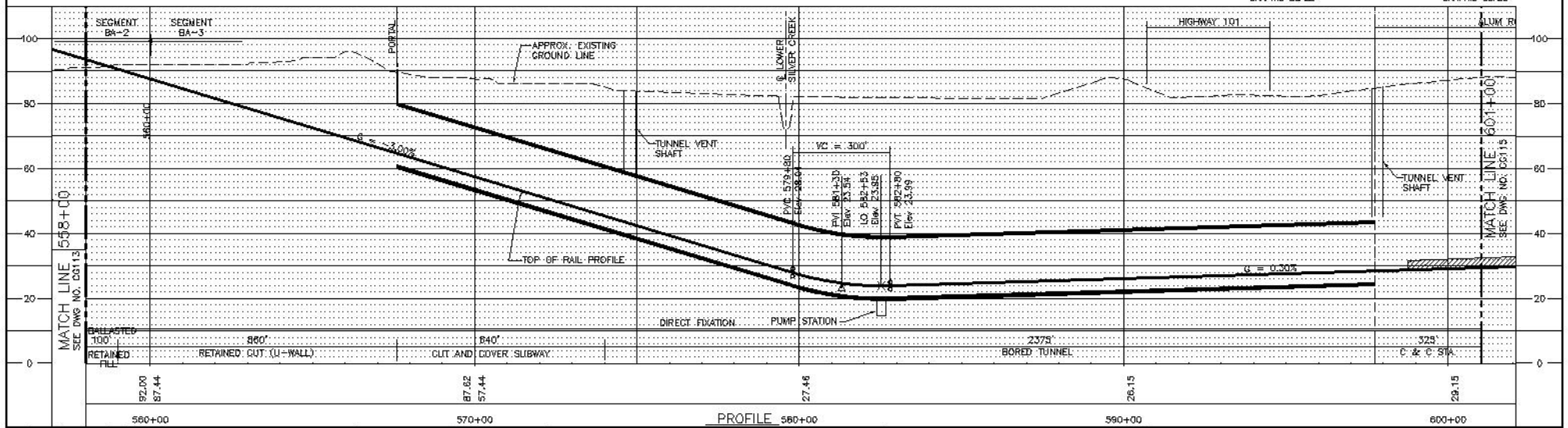
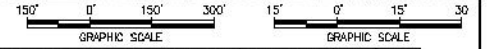
PROFILE

APPROVED FOR BR PURPOSES: DESIGNED BY: T. LUNA DRAWN BY: E. BEGGS CHECKED BY: J. MAHER APPROVED BY: D. MINISTER DATE: 25NO02		<b>EARTH TECH</b> <small>17500 WILSON AVENUE, SUITE 1000          DUBLIN, CA 94568          TEL: (916) 404-5555</small>		<b>VTA</b> VALLEY TRANSPORTATION AUTHORITY		<b>SILICON VALLEY RAPID TRANSIT CORRIDOR</b> BART - BUILD ALTERNATIVE PLAN AND PROFILE SHEET 13		GADD DATE: 28FE03 SCALE: 1"=150'H; 1"=15'V GADD FILE NO.: CG113.DWG DWG NO.: CG113 REV: 0 PAGE NO.:	
REV.	DATE	BY	DATE	APP.	DESCRIPTION	VIA	DATE	SUBMITTED	

FIGURE A-25



PLAN



PROFILE

REV.	DATE	BY	APP.	DESCRIPTION

APPROVED FOR DR PURPOSES:	DESIGNED BY T. LUNA
	DRAWN BY E. BEGGS
	CHECKED BY J. MAHER
VIA DATE	APPROVED BY D. MINISTER
SUBMITTED	DATE 25N002


**EARTH TECH**

tyco WORLDWIDE LTD.  
1000 WILSON BLVD. SUITE 1000  
SANTA ANA, CA 92705  
Tel: (714) 406-5555

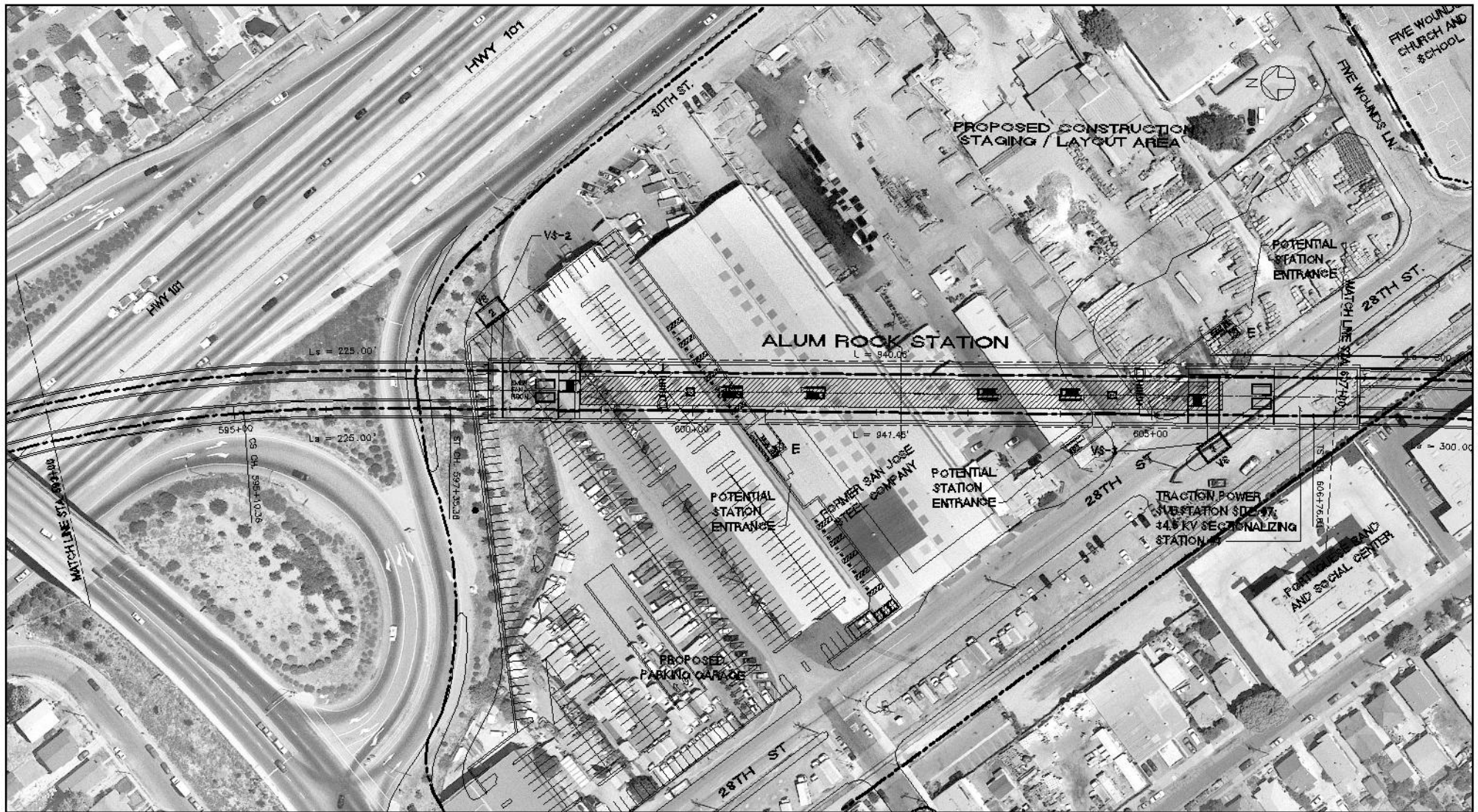
**VTA** VALLEY TRANSPORTATION AUTHORITY

**SILICON VALLEY RAPID TRANSIT CORRIDOR**

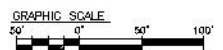
BART - BUILD ALTERNATIVE  
PLAN AND PROFILE  
ALUM ROCK STATION  
US 101/DIAGONAL OPTION, SHEET 14

ISSUE DATE 28FE03	SCALE 1"=150'H; 1"=15'V
GRID FILE NO. CG114.DWG	DWG NO. CG114
REV 0	PAGE NO. 

FIGURE A-26



P L A N



REV	DATE	BY	9.B	APP	DESCRIPTION

APPROVED FOR OR PURPOSES:	DESIGNED BY T. LUNA
	DRAWN BY E. BEGGS
	CHECKED BY J. MAHER
VIA DATE	APPROVED BY D. MINISTER
SUBMITTED	DATE 25NO02


**EARTH TECH**

4750 WOODBURY ST., SUITE 200  
OAKLAND, CA 94612  
Tel: (510) 486-6000  
Fax: (510) 486-5555

**VTA** VALLEY TRANSPORTATION AUTHORITY

**SILICON VALLEY RAPID TRANSIT CORRIDOR**

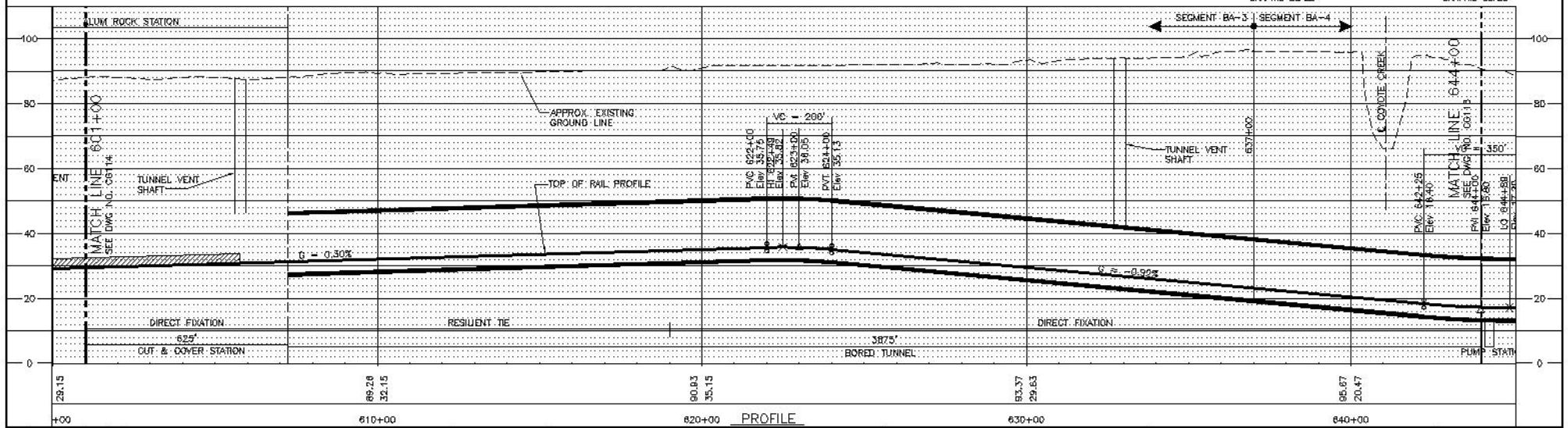
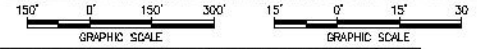
BART - BUILD ALTERNATIVE  
P L A N  
ALUM ROCK STATION  
US 101 / DIAGONAL OPTION, SHEET 4B

CAED DATE 28FE03
SCALE 1"=50' H
CAED FILE NO. CG114B.DWG
DWG NO. CG114B
REV
PAGE NO.

FIGURE A-27



PLAN



PROFILE

REV.	DATE	BY	APP.	DESCRIPTION

APPROVED FOR DR PURPOSES:	DESIGNED BY T. LUNA
	DRAWN BY E. BEGGS
	CHECKED BY J. MAHER
VIA DATE	APPROVED BY D. MINISTER
SUBMITTED	DATE 25N002

**EARTH TECH**

1100 W. 15th Street, Suite 1000  
San Jose, CA 95128  
Tel: (415) 406-5555

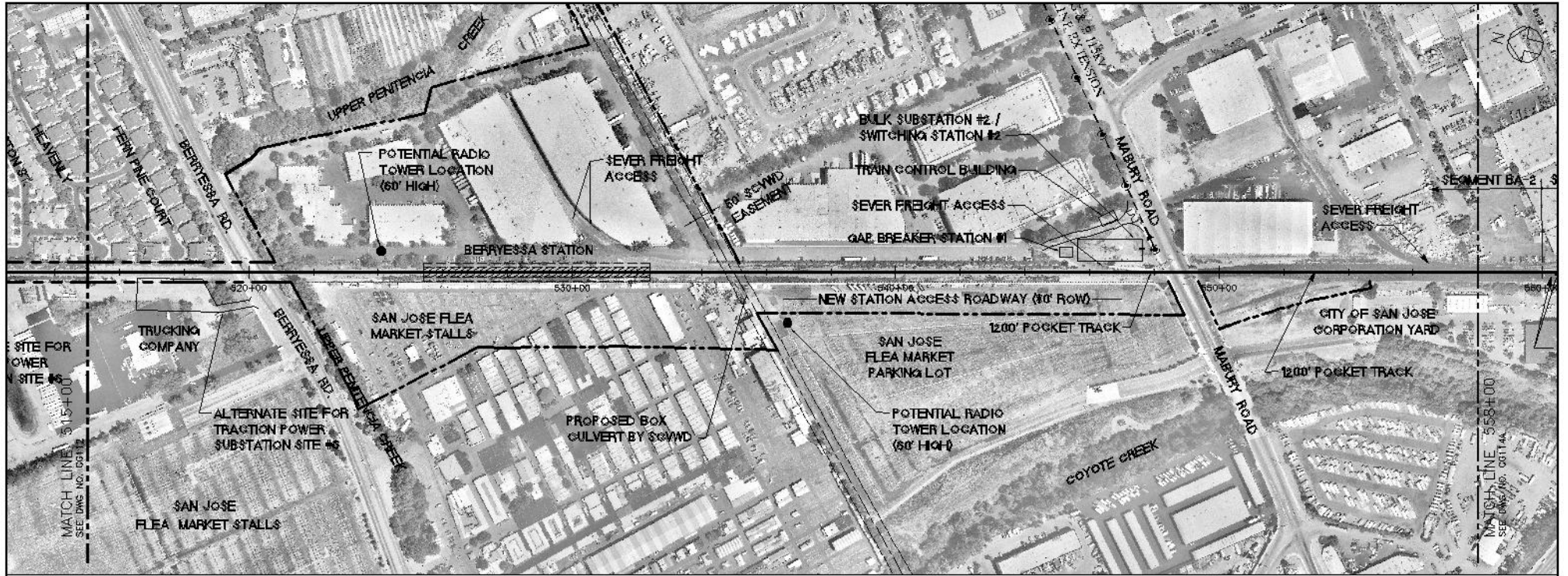
**VTA** SANTA CLARA  
Valley Transportation Authority

**SILICON VALLEY RAPID TRANSIT CORRIDOR**

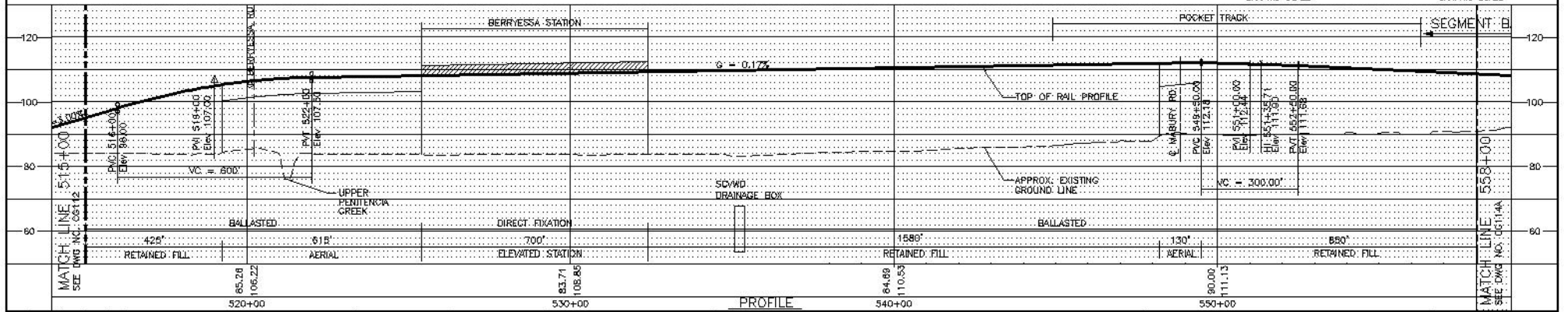
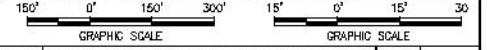
BART - BUILD ALTERNATIVE  
PLAN AND PROFILE  
ALUM ROCK STATION  
US 101/DIAGONAL OPTION, SHEET 15

ISSUE DATE	28FE03
SCALE	1"=150'H; 1"=15'V
GRID FILE NO.	CG115.DWG
DWG NO.	CG115
REV.	0
PAGE NO.	

FIGURE A-28



PLAN



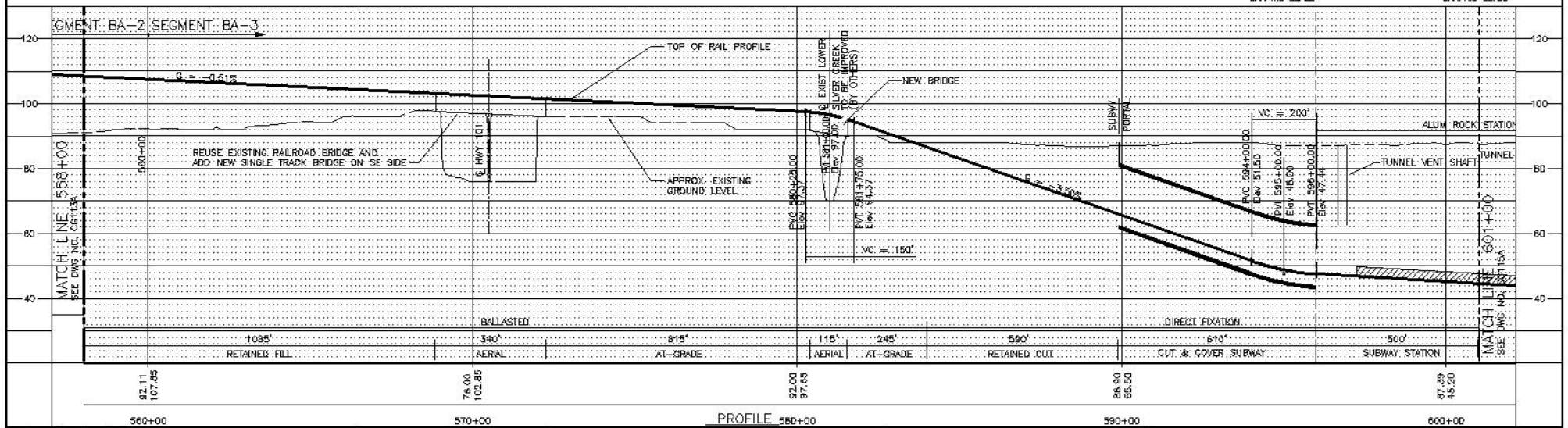
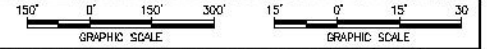
PROFILE

APPROVED FOR OR PURPOSES: VTA DATE SUBMITTED		DESIGNED BY: T. LUNA DRAWN BY: E. BEGGS CHECKED BY: J. MAHER APPROVED BY: D. MINISTER DATE: 25NO02		<b>EARTH TECH</b> <small>4750 WILSON AVENUE, SUITE 1000          OAKLAND, CA 94612          PHONE: (510) 486-6000          FAX: (510) 486-5555</small>		 <b>VTA</b> VALERIA CLARA <b>Valley Transportation Authority</b>		<b>SILICON VALLEY RAPID TRANSIT CORRIDOR</b> BART - BUILD ALTERNATIVE PLAN AND PROFILE ALUM ROCK STATION RAILROAD/28th STREET OPTION, SHEET 13A		CAD DATE: 28FEO3 SCALE: 1"=150'; 1"=15' CAD FILE NO.: CG113A.DWG DWG NO.: CG113A REV: 0 PAGE NO.:	
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FIGURE A-29

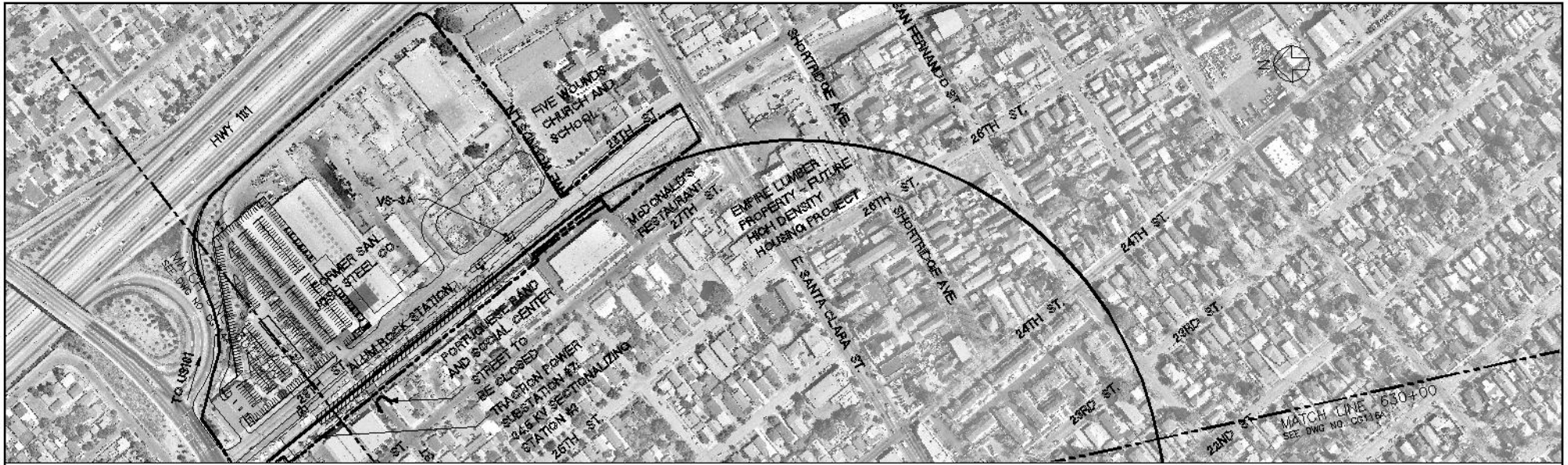


PLAN

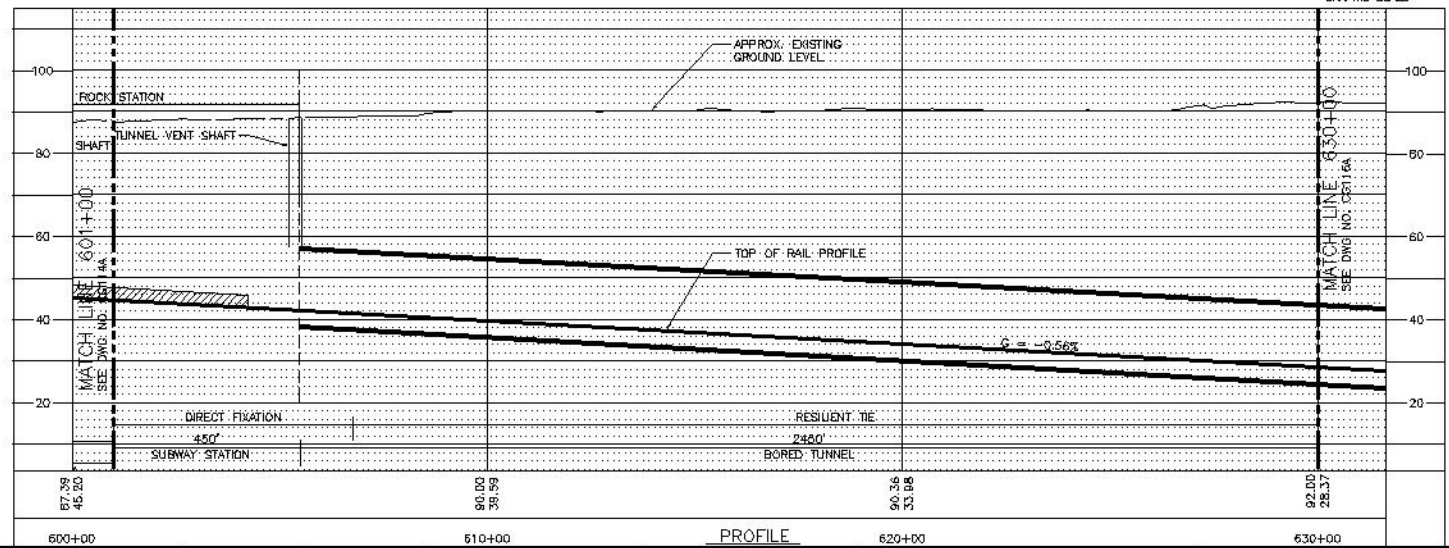
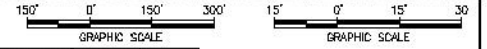


DESIGNED BY T. LUNA DRAWN BY E. BEGGS CHECKED BY J. MAHER APPROVED BY D. MINISTER DATE 25N002		APPROVED FOR OR PURPOSES:  VTA DATE SUBMITTED		EARTH TECH 17500 WILSON ROAD, SUITE 1000 SAN JOSE, CA 95131 TEL: (415) 406-5555		VALLEY TRANSPORTATION AUTHORITY		SILICON VALLEY RAPID TRANSIT CORRIDOR BART - BUILD ALTERNATIVE PLAN AND PROFILE ALUM ROCK STATION RAILROAD/28th STREET OPTION, SHEET 14A		GADD DATE 28FE03 SCALE 1"=150'H; 1"=15'V GADD FILE NO. CG114A.DWG DWG NO. CG114A REV 0 PAGE NO. 	
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FIGURE A-30



PLAN



PROFILE

REV.	DATE	BY	APP.	DESCRIPTION

APPROVED FOR BR PURPOSES:	DESIGNED BY T. LUNA
	DRAWN BY E. BEGGS
	CHECKED BY J. MAHER
VIA DATE	APPROVED BY D. MINISTER
SUBMITTED	DATE 25NO02

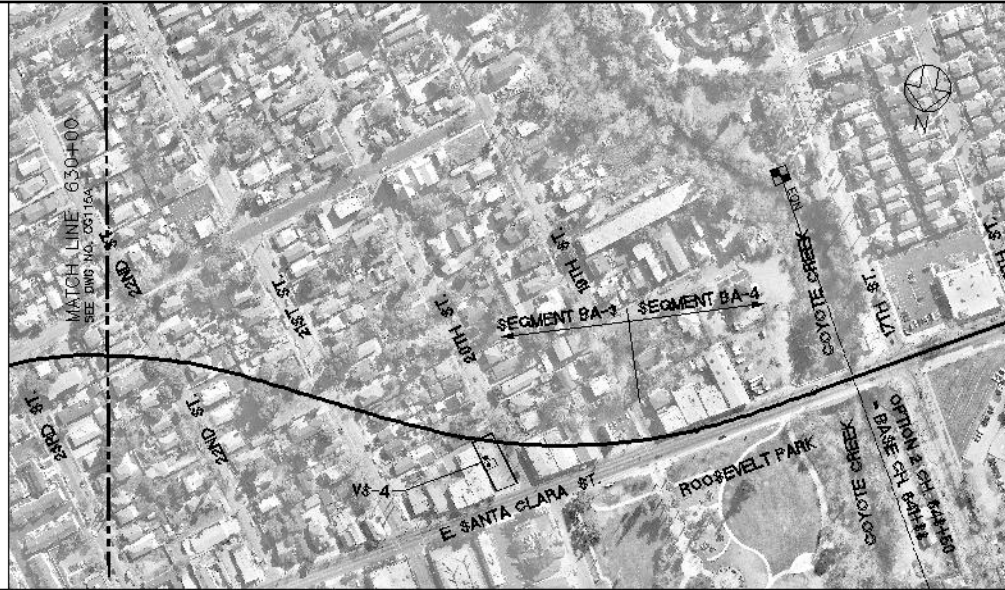

**EARTH TECH**  
 17500 WILSON BLVD., SUITE 1000  
 DUBLIN, CA 94568  
 TEL: (916) 404-5555

**VTA** VALLEY TRANSPORTATION AUTHORITY

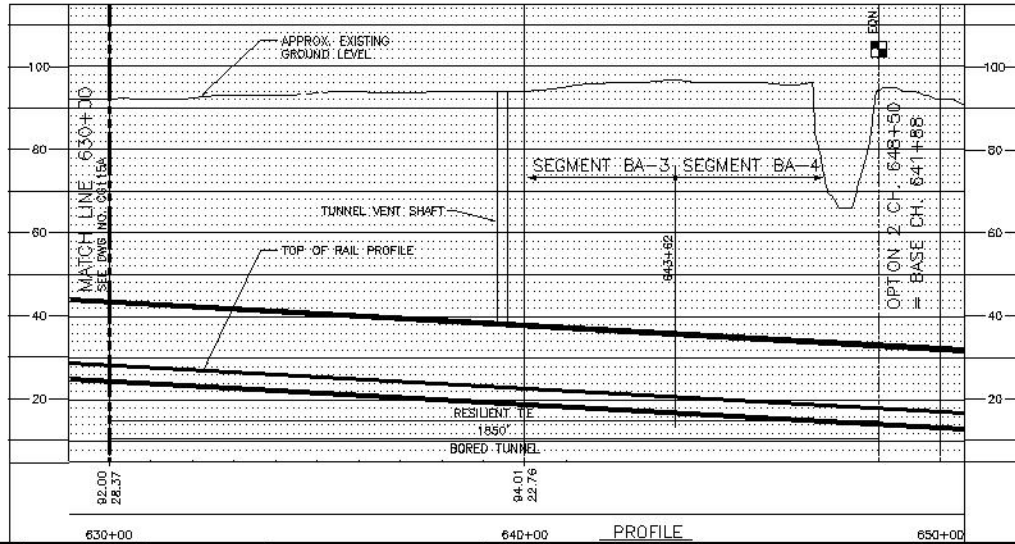
**SILICON VALLEY RAPID TRANSIT CORRIDOR**  
 BART - BUILD ALTERNATIVE  
 PLAN AND PROFILE  
 ALUM ROCK STATION  
 RAILROAD/28th STREET OPTION, SHEET 15A

ISSUE DATE	28FE03
SCALE	1"=150'H; 1"=15'V
GRID FILE NO.	CG115A.DWG
DWG NO.	CG115A
REV	0
PAGE NO.	

FIGURE A-31



PLAN



PROFILE

REV.	DATE	BY	APP.	DESCRIPTION

APPROVED FOR OR PURPOSES:	DESIGNED BY T. LUNA
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	CHECKED BY J. MAHER
VIA DATE	APPROVED BY D. MINISTER
SUBMITTED	DATE 25NO02


**EARTH TECH**

17500 WILSON ROAD, SUITE 1000  
DUBLIN, CA 94568  
TEL: (925) 405-5555

**VTA** VALLEY TRANSPORTATION AUTHORITY

**SILICON VALLEY RAPID TRANSIT CORRIDOR**

BART - BUILD ALTERNATIVE  
PLAN AND PROFILE  
ALUM ROCK STATION  
RAILROAD/28th STREET OPTION, SHEET 16A

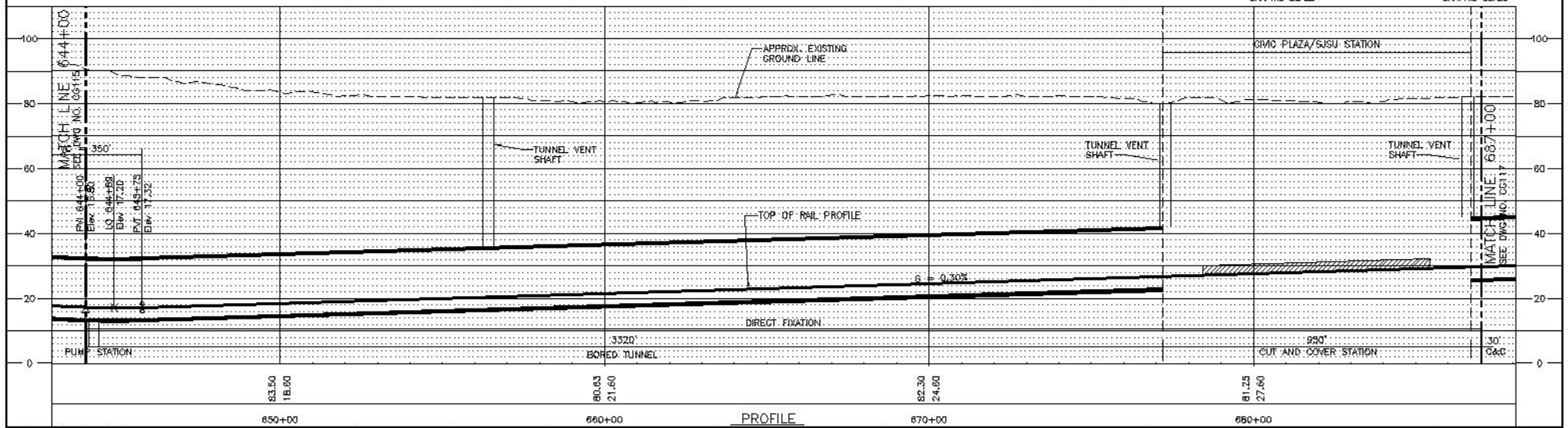
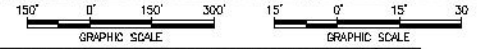
ISSUE DATE	20FE03
SCALE	1"=150'H; 1"=15'V
ISSUE FILE NO.	CG116A.DWG
ISSUE NO.	CG116A
REV.	0
PAGE NO.	

FIGURE A-32





PLAN



PROFILE

REV.	DATE	BY	DATE	APP.	DESCRIPTION

APPROVED FOR OR PURPOSES:	DESIGNED BY T. LUNA
	DRAWN BY E. BEGGS
	CHECKED BY J. MAHER
VIA DATE	APPROVED BY D. MINISTER
SUBMITTED	DATE 25NO02

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**EARTH TECH**  
 earthtech.com  
 1000 W. SAN ANTONIO ST., SUITE 1000  
 SAN JOSE, CA 95128  
 TEL: (415) 406-5555

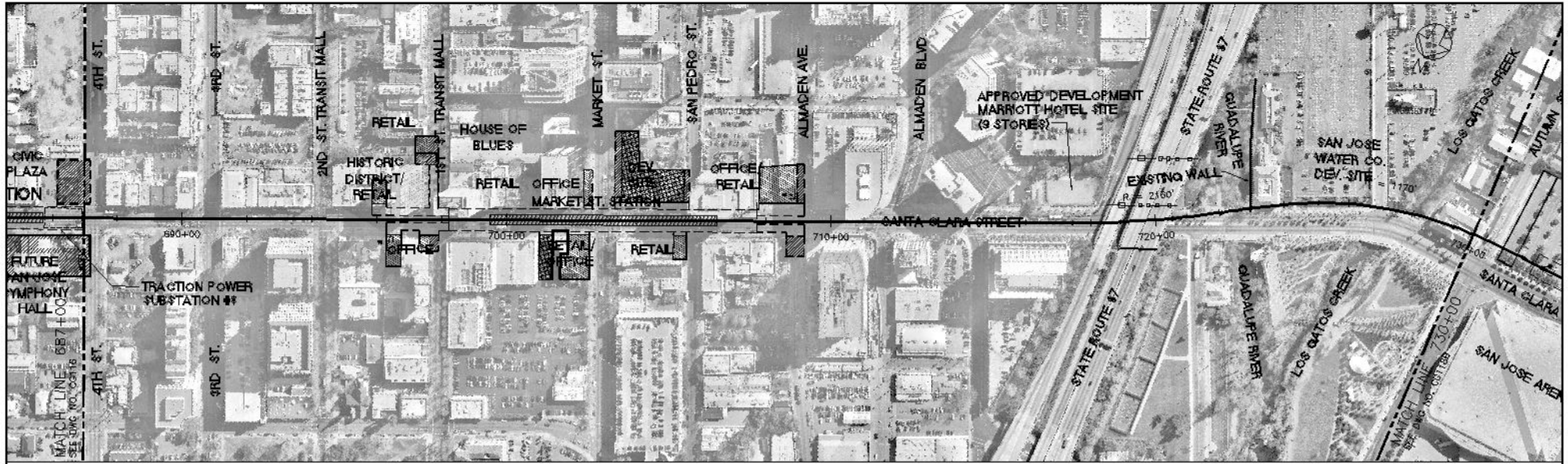
**VTA** SANTA CLARA  
 Valley Transportation Authority

**SILICON VALLEY RAPID TRANSIT CORRIDOR**  
 BART - BUILD ALTERNATIVE  
 PLAN AND PROFILE

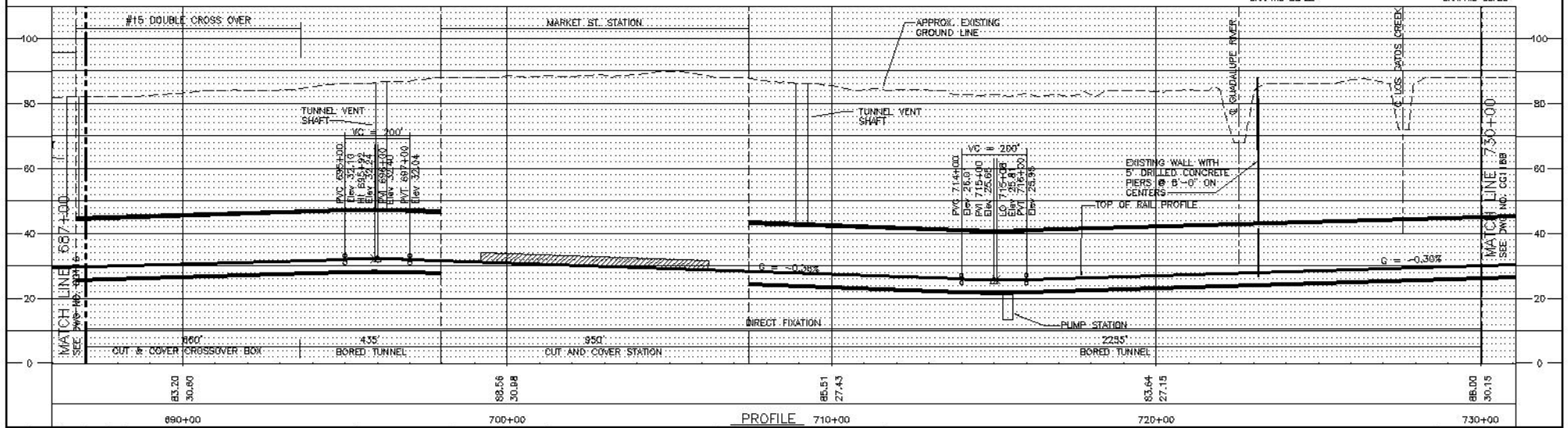
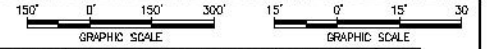
ISSUE DATE	20FE03
SCALE	1"=150'H; 1"=15'V
GRID FILE NO.	CG116.DWG
DWG NO.	CG116
REV.	0
PAGE NO.	

SHEET 16

FIGURE A-33



PLAN



PROFILE

REV.	DATE	BY	SA	APP.	DESCRIPTION

APPROVED FOR DR PURPOSES:	DESIGNED BY T. LUNA
	DRAWN BY E. BEGGS
	CHECKED BY J. MAHER
VIA DATE	APPROVED BY D. MINISTER
SUBMITTED	DATE 25N002

--

**EARTH TECH**

17500 WILSON BLVD., SUITE 1000  
SAN JOSE, CA 95130  
TEL: (415) 496-5555

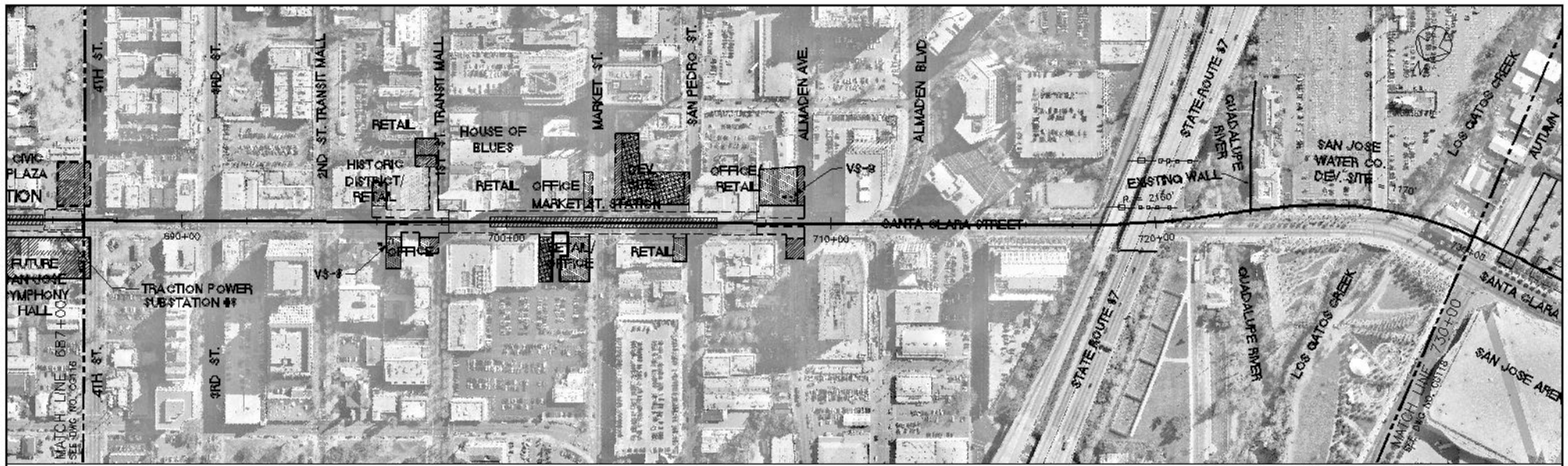
**VTA** VALLEY TRANSPORTATION AUTHORITY

**SILICON VALLEY RAPID TRANSIT CORRIDOR**

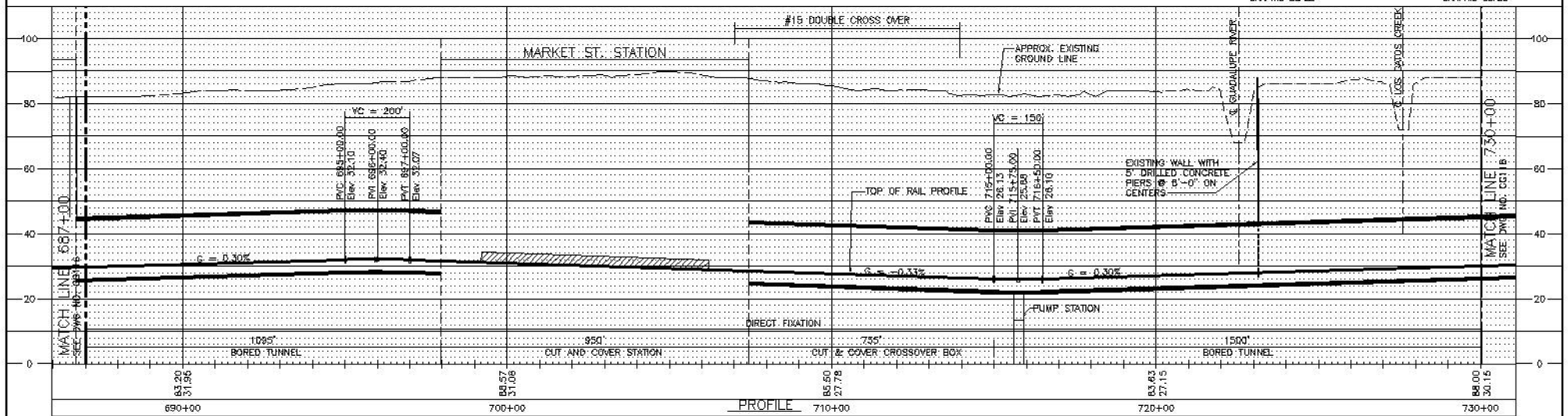
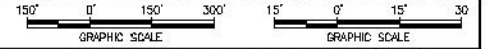
BART - BUILD ALTERNATIVE  
PLAN AND PROFILE  
CROSSOVER TRACK LOCATION  
WEST OF CMC PLAZA/SJSU STATION OPTION, SHT 17

CAED DATE: 07MA03  
SCALE: 1"=150'H; 1"=15'V  
CAED FILE NO.: CG117.DWG  
DWG NO.: CG117  
REV: 0  
PAGE NO.:

FIGURE A-34



PLAN



PROFILE

REV.	DATE	BY	QA	APP.	DESCRIPTION

APPROVED FOR BR PURPOSES:	DESIGNED BY T. LUNA
	DRAWN BY E. BEGGS
	CHECKED BY J. MAHER
VIA DATE	APPROVED BY D. MINISTER
SUBMITTED	DATE 25NO02

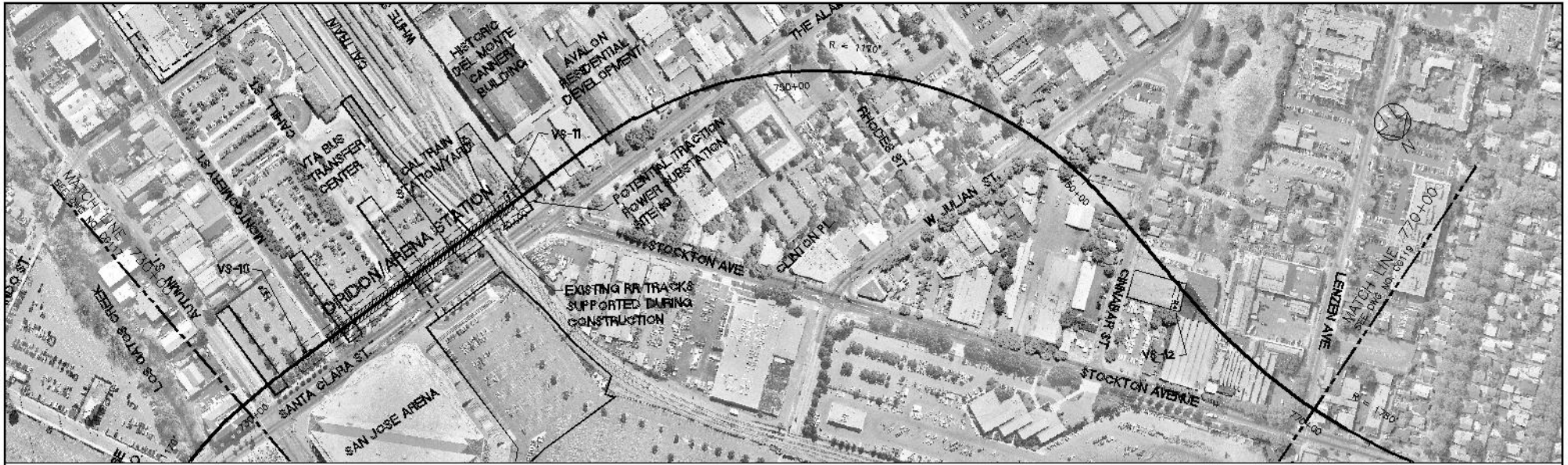

**EARTH TECH**  
 17500 WOODBURY RD., SUITE 1000  
 DUBLIN, CA 94568  
 TEL: (925) 484-6000  
 FAX: (925) 484-5555

**VTA** VALLEY TRANSPORTATION AUTHORITY  
 SANTA CLARA

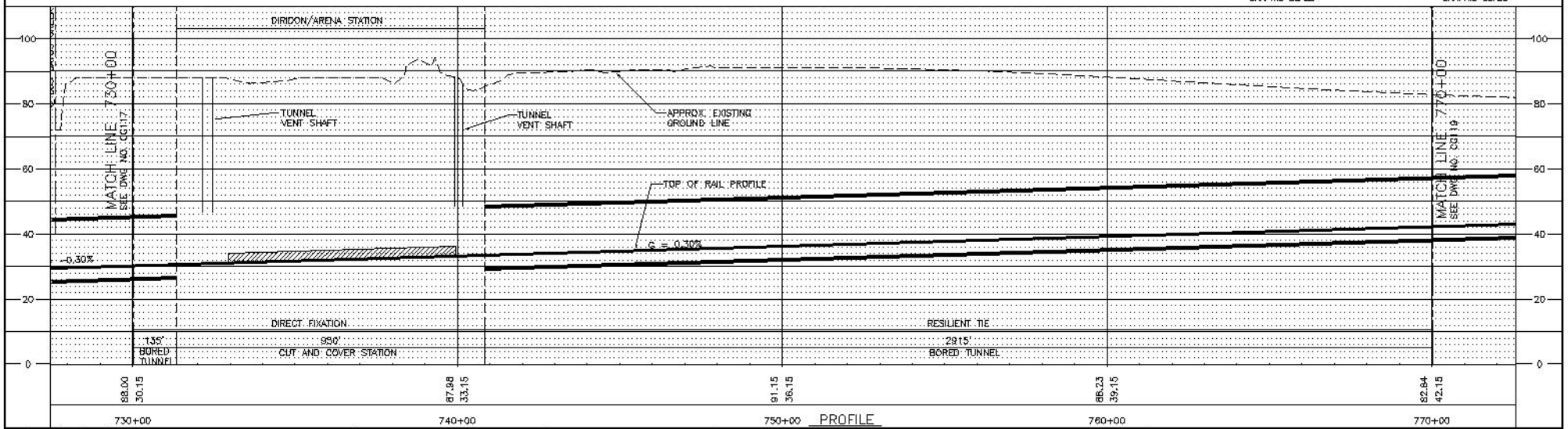
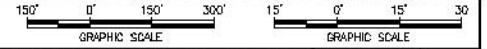
**SILICON VALLEY RAPID TRANSIT CORRIDOR**  
 BART - BUILD ALTERNATIVE  
 PLAN AND PROFILE  
 CROSSOVER TRACK LOCATION  
 WEST OF MARKET ST. STATION OPTION, SHEET 17A

GRID DATE: 28FE03  
 SCALE: 1"=150'H; 1"=15'V  
 GRID FILE NO.: CG117A.DWG  
 GRID NO.: CG117A  
 REV: 0  
 PAGE NO.:

FIGURE A-35



PLAN



PROFILE

REV.	DATE	BY	9.6	APP.	DESCRIPTION

APPROVED FOR BR PURPOSES:	DESIGNED BY T. LUNA
	DRAWN BY E. BEGGS
	CHECKED BY J. MAHER
VTA DATE	APPROVED BY D. MINISTER
SUBMITTED	DATE 25NO02

--	--	--	--	--	--

**EARTH TECH**

tyco  
www.earthtech.com  
1000 West 14th Street, Suite 1000  
Oakland, CA 94612  
Phone: (510) 414-6000  
Fax: (510) 414-5555

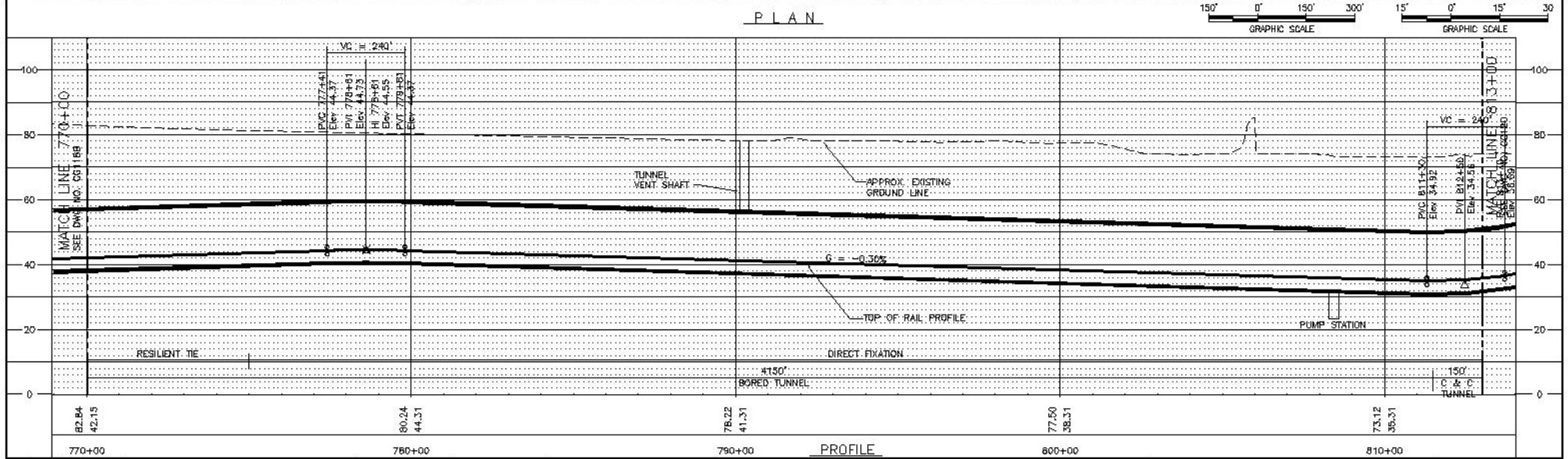
**VTA** SANTA CLARA  
Valley Transportation Authority

**SILICON VALLEY RAPID TRANSIT CORRIDOR**

BART - BUILD ALTERNATIVE  
DIRIDON / ARENA STATION  
NORTH OPTION, SHEET 18B

ISSUE DATE 28FE03	SCALE 1"=150'H; 1"=15'V
ISSUE FILE NO. CG118B.DWG	DWG NO. CG118B
REV 0	PAGE NO. 

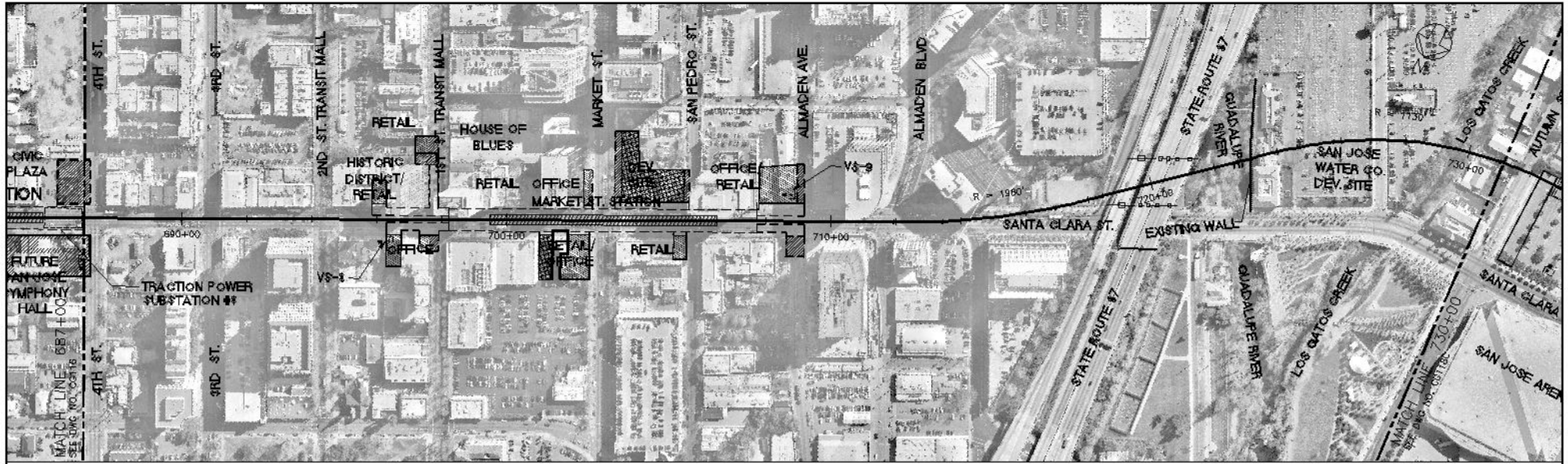
FIGURE A-36



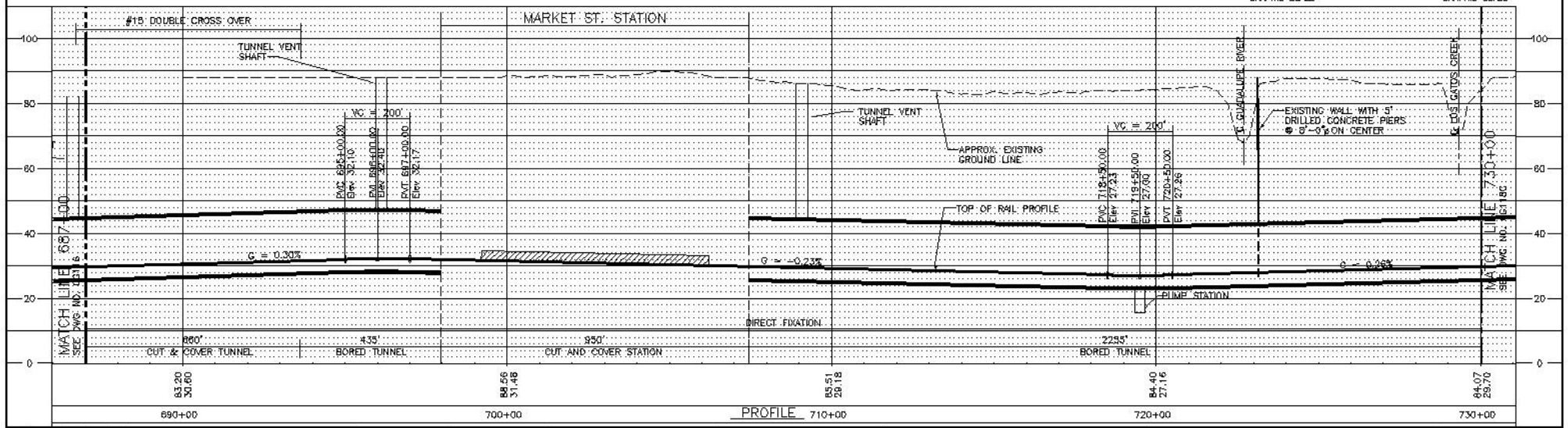
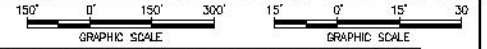
APPROVED FOR DR PURPOSES: DESIGNED BY T. LUNA DRAWN BY E. BEGGS CHECKED BY J. MAHER APPROVED BY D. MINISTER DATE 25NO02		EARTH TECH <small>www.earthtech.com</small> 1500 WILSON BLVD. SUITE 1000 OAKLAND, CA 94612 PHONE (510) 485-6200 FAX (510) 485-5555	VALLEY TRANSPORTATION AUTHORITY	SILICON VALLEY RAPID TRANSIT CORRIDOR BART - BUILD ALTERNATIVE DIRIDON / ARENA STATION NORTH OPTION, SHEET 19B		GADD DATE: 20FE03 SCALE: 1"=150'H; 1"=15'V GADD FILE NO.: CG119B.DWG DWG NO.: CG119B REV: 0 PAGE NO.:
VIA DATE SUBMITTED	DATE			GADD NO.		

REV.	DATE	BY	APP.	DESCRIPTION

FIGURE A-37



PLAN



PROFILE

REV.	DATE	BY	SAE	APP.	DESCRIPTION

APPROVED FOR OR PURPOSES:	DESIGNED BY T. LUNA
	DRAWN BY E. BEGGS
	CHECKED BY J. MAHER
VIA DATE	APPROVED BY D. MINISTER
SUBMITTED	DATE 25NO02


**EARTH TECH**

tyco WORLDWIDE LTD.  
100 WILSON BLVD., SUITE 1000  
NEWARK, NJ 07102  
Tel: (973) 406-5555

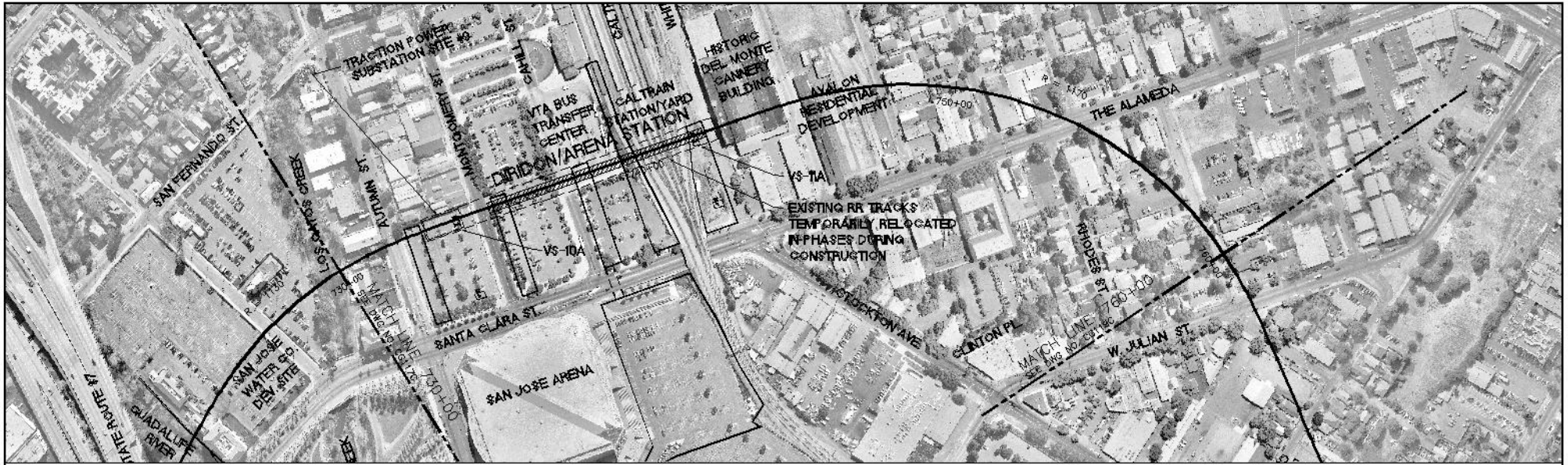
**VTA** SANTA CLARA  
Valley Transportation Authority

**SILICON VALLEY RAPID TRANSIT CORRIDOR**

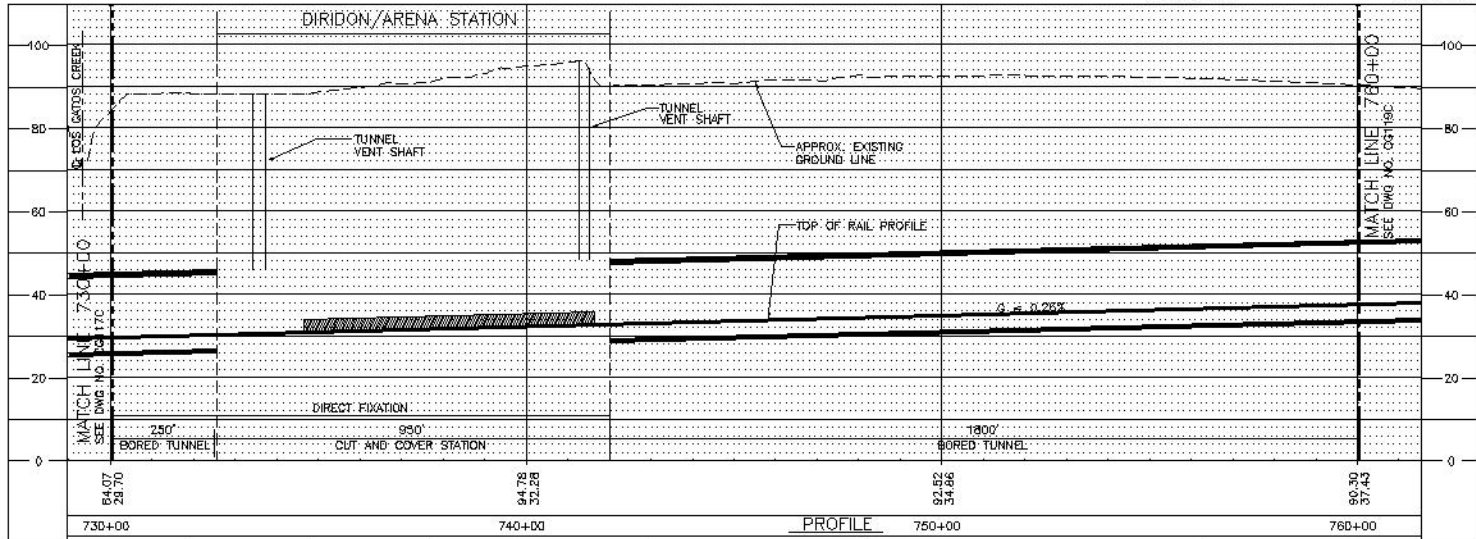
BART - BUILD ALTERNATIVE  
DIRIDON / ARENA STATION  
SOUTH OPTION, SHEET 17C

ISSUE DATE 20FE03
SCALE 1"=150'H; 1"=15'V
GRID FILE NO. CG117C.DWG
DWG NO. CG117C
REV 0
PAGE NO. 

FIGURE A-38



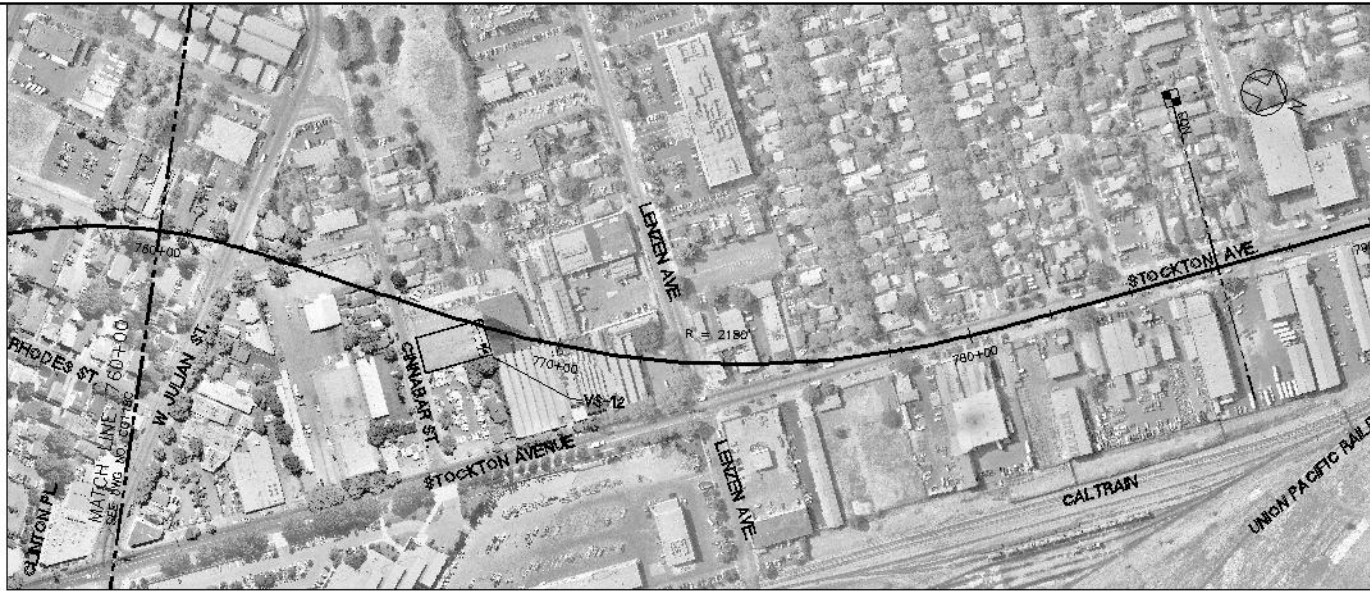
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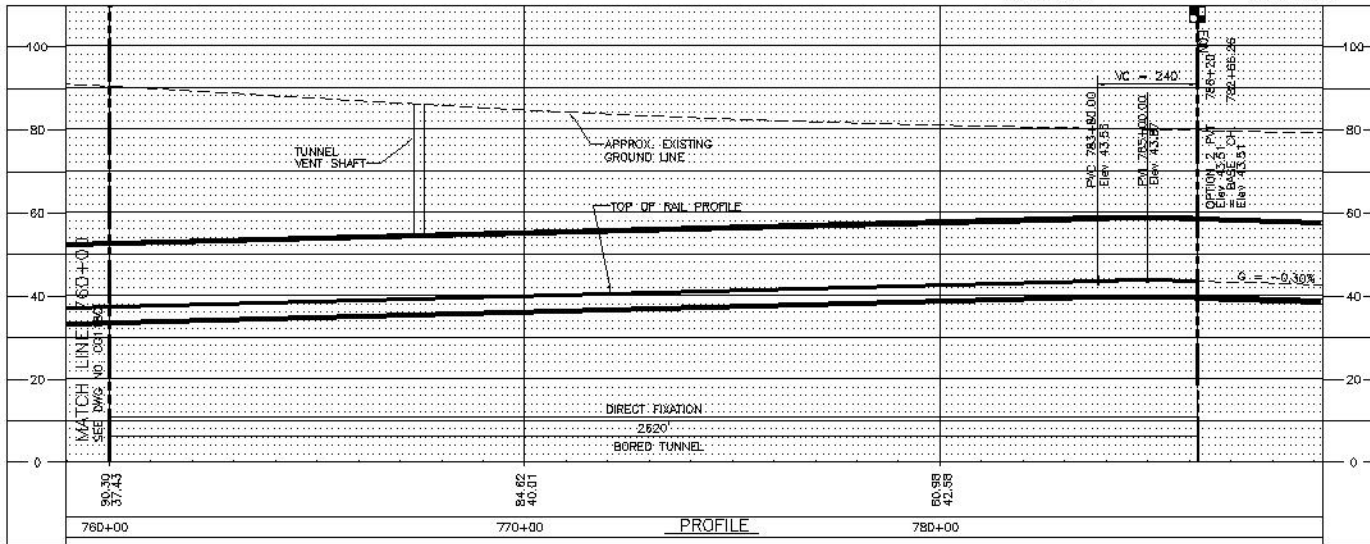
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REV	DATE	BY	APP	DESCRIPTION																				

FIGURE A-39



PLAN

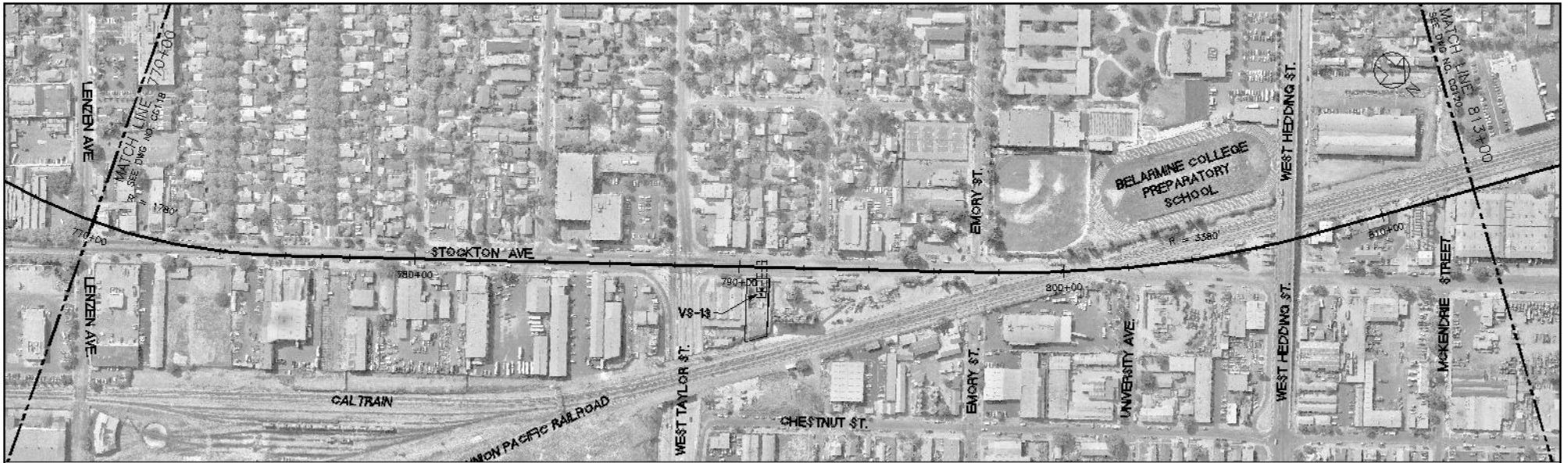


PROFILE

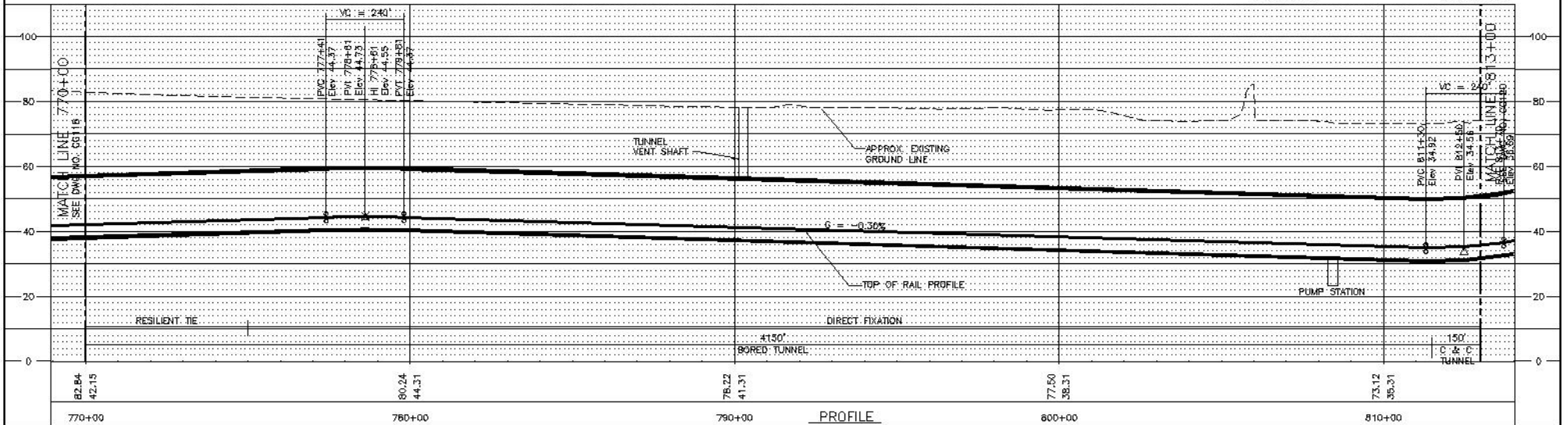
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REV	DATE	BY	APP	DESCRIPTION																										

FIGURE A-40





PLAN

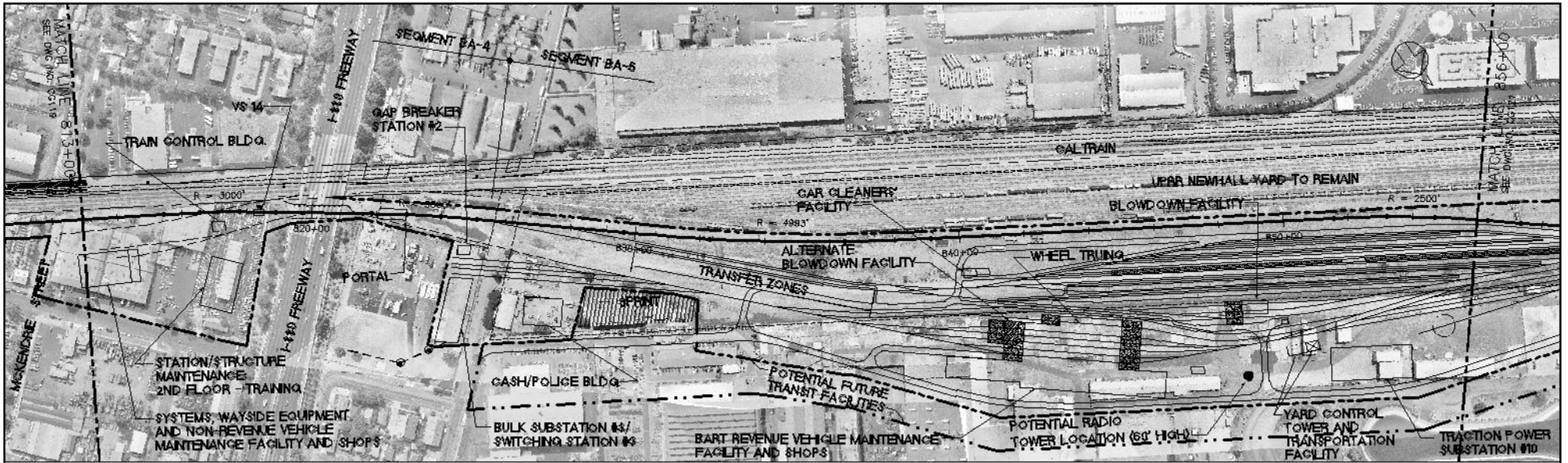


PROFILE

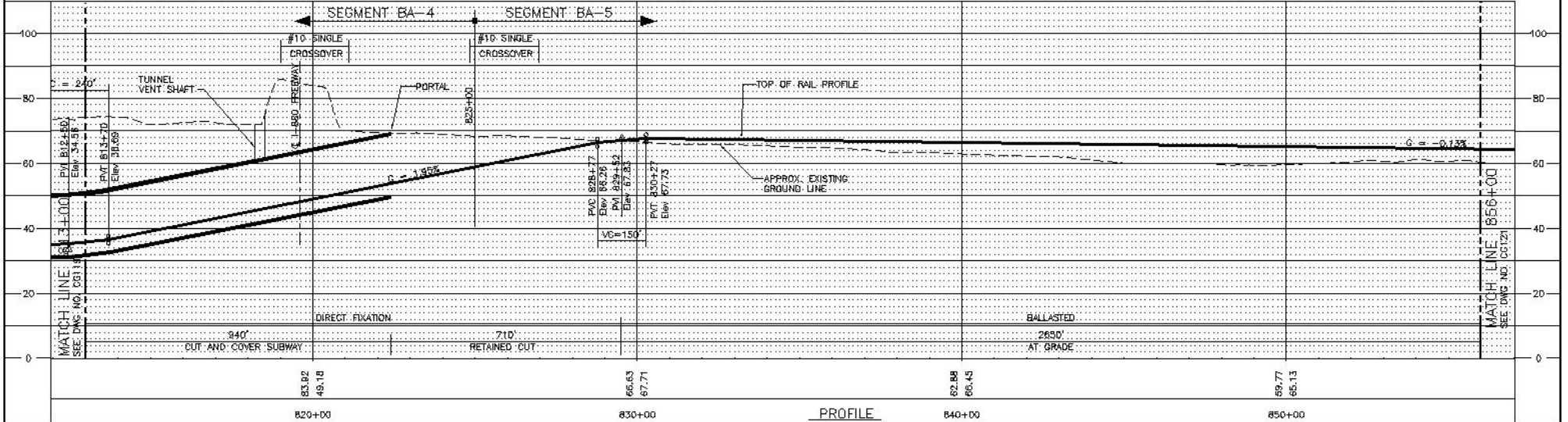
APPROVED FOR DR PURPOSES: DESIGNED BY: T. LUNA DRAWN BY: E. BEGGS CHECKED BY: J. MAHER APPROVED BY: D. MINISTER DATE: 25ND02		EARTH TECH 1000 Redwood St., Suite 1000 San Jose, CA 95128 Tel: (415) 218-0000 Fax: (415) 218-5555	VALLEY TRANSPORTATION AUTHORITY	SILICON VALLEY RAPID TRANSIT CORRIDOR BART - BUILD ALTERNATIVE PLAN AND PROFILE SHEET 19	CADD DATE: 20FE03 SCALE: 1"=150'H; 1"=15'V CADD FILE NO.: CG119.DWG DWG NO.: CG119 REV: 0 PANE NO.:
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REV	DATE	BY	APP	DESCRIPTION

FIGURE A-41



PLAN



PROFILE

REV	DATE	BY	SAB	APP	DESCRIPTION

APPROVED FOR OR PURPOSES:	DESIGNED BY: T. LUNA
	DRAWN BY: E. BEGGS
	CHECKED BY: J. MAHER
VTA DATE:	APPROVED BY: D. MINISTER
DATE:	DATE: 25ND02

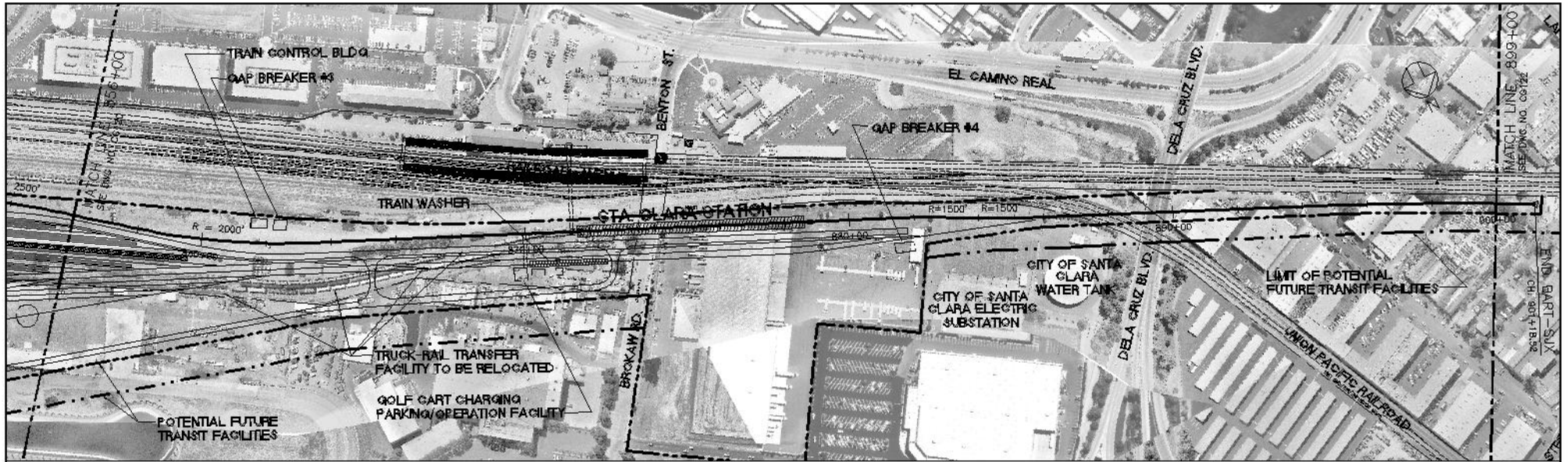
<p>Earth Tech          1000...          1000...          1000...</p>
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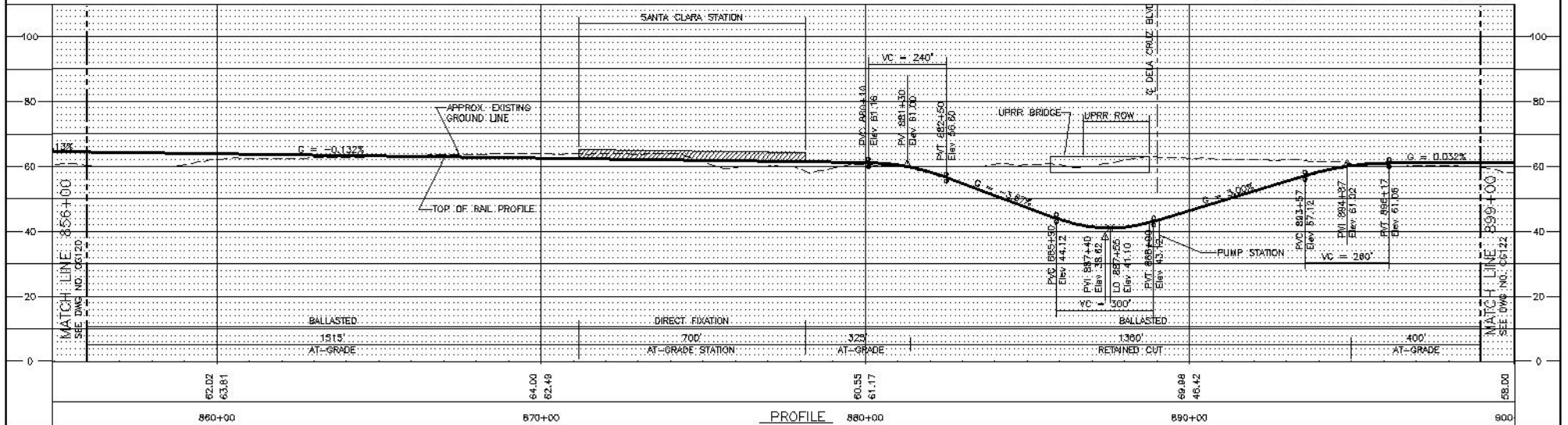
SILICON VALLEY RAPID TRANSIT CORRIDOR BART - BUILD ALTERNATIVE PLAN AND PROFILE SHEET 20
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CADD DATE: 14MR03
SCALE: 1"=150'H; 1"=15'V
CADD FILE NO: CG120.DWG
DWG NO: CG120
REV: 0
PAGE NO.:

FIGURE A-42



PLAN



PROFILE

REV	DATE	BY	APP	DESCRIPTION

APPROVED FOR OR PURPOSES:	DESIGNED BY T. LUNA
	DRAWN BY E. BEGGS
	CHECKED BY J. MAHER
VTA DATE	APPROVED BY D. MINISTER
SUBMITTED	DATE 25ND02

APPROVED FOR OR PURPOSES:	DATE

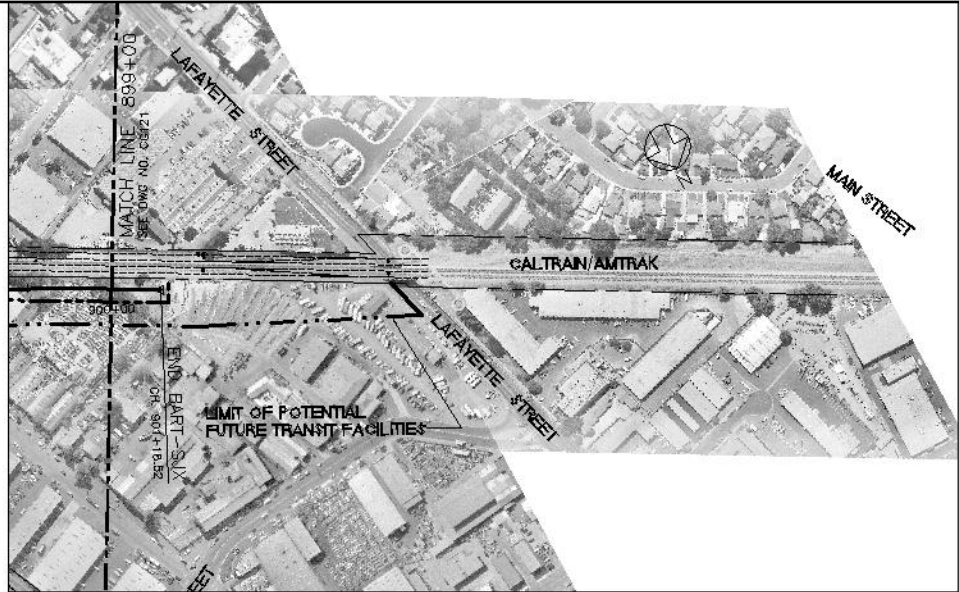
**EARTH SYSTEMS**  
*Engineering & Construction*  
 1100 4th Ave. Ste. 2000  
 Oakland, CA 94612  
 Tel: (415) 434-5000  
 Fax: (415) 434-5555

**VTA** VALLEY TRANSPORTATION AUTHORITY

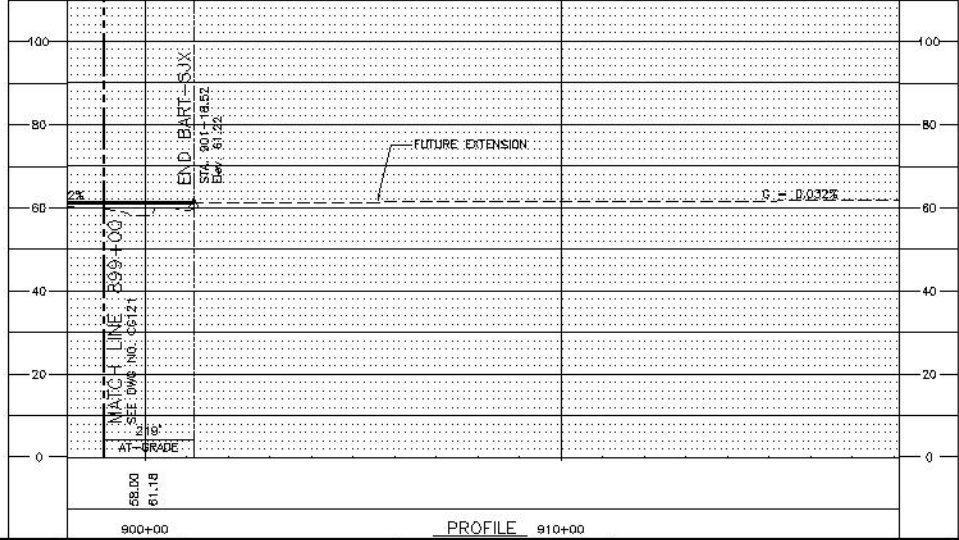
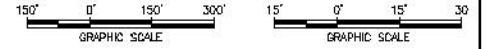
**SILICON VALLEY RAPID TRANSIT CORRIDOR**  
 BART - BUILD ALTERNATIVE  
 PLAN AND PROFILE  
 SHEET 21

CADD DATE	14FE03
SCALE	1"=150'H; 1"=15'V
CADD FILE NO.	CG121.DWG
DWG NO.	CG121
REV	0
PAGE NO.	

FIGURE A-43



PLAN



PROFILE

REV.	DATE	BY	APP.	DESCRIPTION

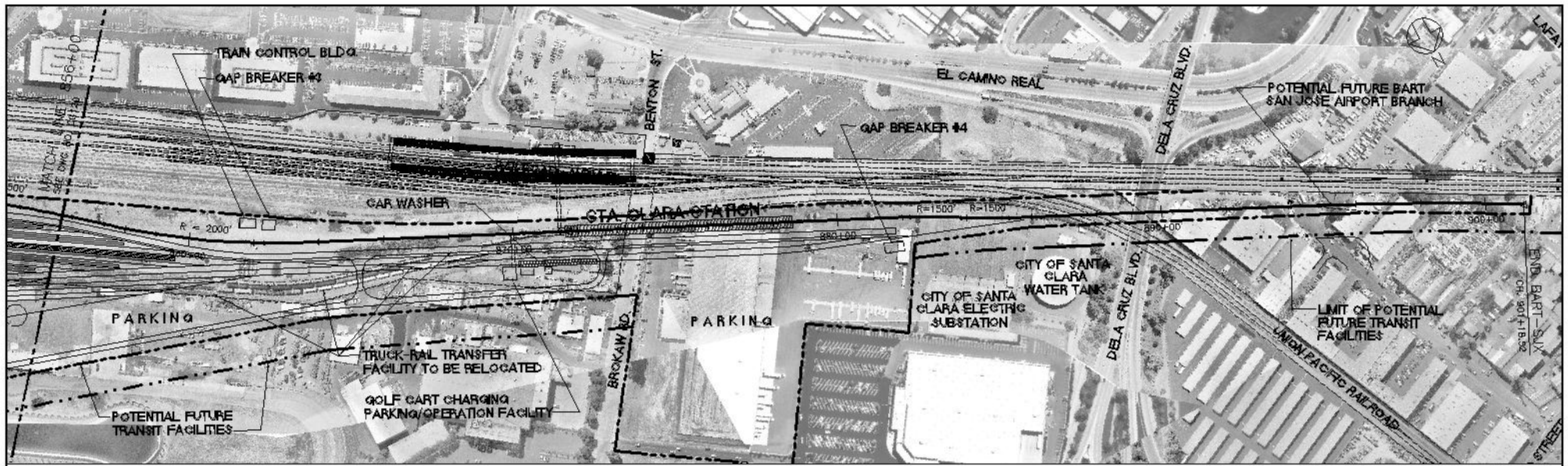
APPROVED FOR OR PURPOSES:	DESIGNED BY T. LUNA
	DRAWN BY E. BEGGS
	CHECKED BY J. MAHER
VIA DATE	APPROVED BY D. MINISTER
SUBMITTED	DATE 25NO02


**EARTH TECH**  
 17500 WILSON BLVD., SUITE 1000  
 DALLAS, TEXAS 75242  
 PHONE: (972) 414-6000  
 FAX: (972) 405-5555

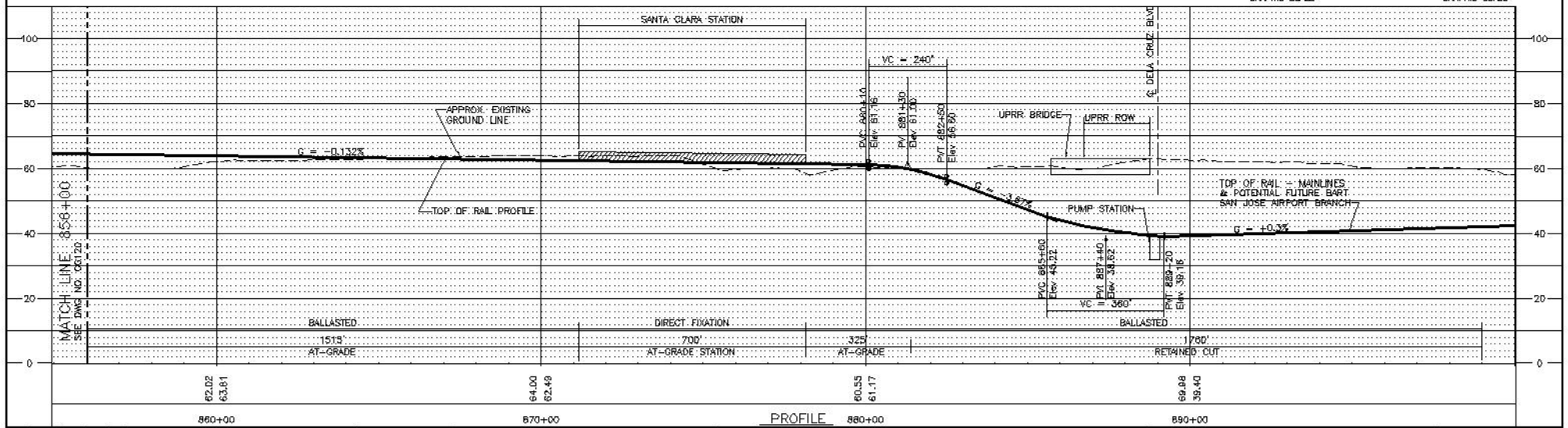
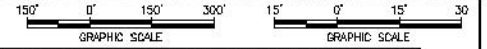
**VTA** VALLEY TRANSPORTATION AUTHORITY

<b>SILICON VALLEY RAPID TRANSIT CORRIDOR</b>		GAO DATE 12FE03
BART - BUILD ALTERNATIVE PLAN AND PROFILE		SCALE 1"=150'H; 1"=15'V
SHEET 22		GAO FILE NO. CG122.DWG
DWG NO. CG122	REV. 0	PAGE NO.

FIGURE A-44



PLAN



PROFILE

DESIGNED BY T. LUNA DRAWN BY E. BEGGS CHECKED BY J. MAHER APPROVED BY D. MINISTER DATE 25NO02		APPROVED FOR OR PURPOSES:  VIA DATE SUBMITTED		EARTH TECH 11700 WILSON AVENUE, SUITE 1000 DUBLIN, CA 94568 TEL: (916) 405-5555		SILICON VALLEY RAPID TRANSIT CORRIDOR BART - BUILD ALTERNATIVE PLAN AND PROFILE LOWERED PROFILE FOR FUTURE AIRPORT CONNECTION OPTION, SHEET 21A		GADD DATE 14FE03 SCALE 1"=150'H; 1"=15'V GADD FILE NO. CG121A.DWG DWG NO. CG121A REV 0 PAGE NO. 	
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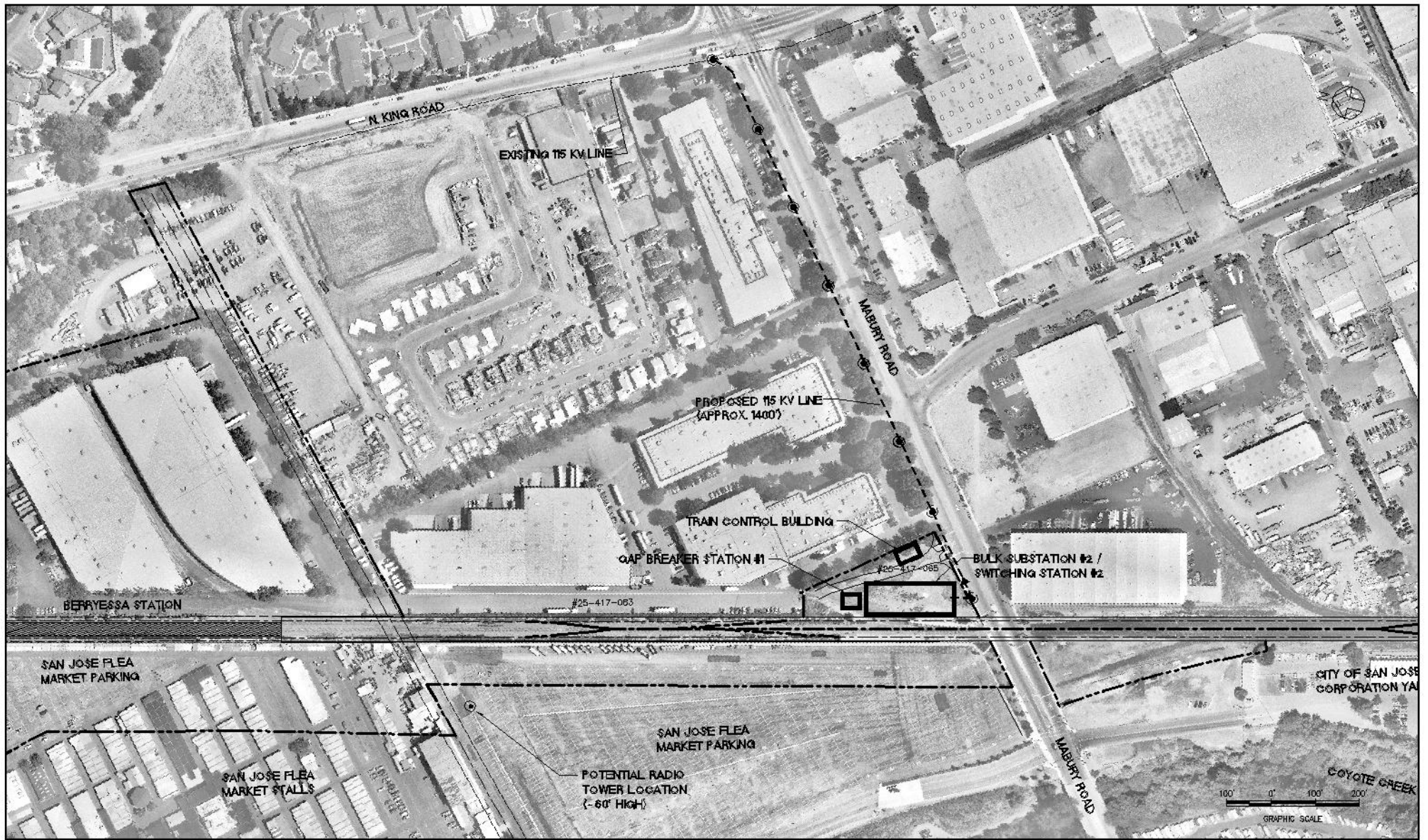
REV.	DATE	BY	QA	APP	DESCRIPTION

FIGURE A-45



				APPROVED FOR OR PURPOSES:	DESIGNED BY T. LUNA	 earth tech 17500 WILSON BLVD., SUITE 1000 OAKLAND, CA 94612 PHONE (510) 418-6000 FAX (510) 406-5555	 VALLEY TRANSPORTATION AUTHORITY	SILICON VALLEY RAPID TRANSIT CORRIDOR		ISSUE DATE 12FE03	
				VIA DATE	DRAWN BY T. LUNA			SCALE 1"=100'	BART -- BUILD ALTERNATIVE PROPOSED BULK SUBSTATION/ SWITCHING STATION #1 ABEL ST. - MILPITAS		ISSUE FILE NO. E211.DWG
REV.	DATE	BY	9.B	APP.	DESCRIPTION	APPROVED BY D. MINISTER			DWG NO. E211	REV.	PAGE NO.
						DATE 25NO02					

FIGURE A-46



<table border="1"> <tr> <td>REV</td> <td>DATE</td> <td>BY</td> <td>9.6</td> <td>APP</td> <td>DESCRIPTION</td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </table>					REV	DATE	BY	9.6	APP	DESCRIPTION																			APPROVED FOR OR PURPOSES:  VTA      DATE SUBMITTED		DESIGNED BY T. LUNA DRAWN BY T. LUNA CHECKED BY R. BELARDO APPROVED BY D. MINISTER DATE 25NO02		<b>EARTH TECH</b> <small>17500 WOODSIDE DRIVE, SUITE 100 DUBLIN, CA 94568 TEL: (925) 484-6000 FAX: (925) 484-5555</small>		 <b>VTA</b> VALERIA ELARA <b>Valley Transportation Authority</b>		<b>SILICON VALLEY RAPID TRANSIT CORRIDOR</b> BART - BUILD ALTERNATIVE PROPOSED BULK SUBSTATION/ SWITCHING STATION #2 MABURY ROAD - SAN JOSE		GADD DATE: 11MA03 SCALE: 1"=100' GADD FILE NO: E212.DWG DWG NO: E212      REV: 0      PAGE NO:	
REV	DATE	BY	9.6	APP	DESCRIPTION																																			

FIGURE A-47



REV		DATE	BY	9.B	APP	DESCRIPTION
APPROVED FOR OR PURPOSES:		DESIGNED BY	T. LUNA			
		DRAWN BY	T. LUNA			
		CHECKED BY	R. BELARDO			
VIA		DATE	APPROVED BY			
SUBMITTED		DATE	D. MINISTER			
		DATE	25NO02			

**EARTH TECH**  
 4750 WOODBURY ST. #100  
 SAN JOSE, CA 95128  
 TEL: (415) 406-5555



**SILICON VALLEY RAPID TRANSIT CORRIDOR**

BART - BUILD ALTERNATIVE  
 PROPOSED BULK SUBSTATION/  
 SWITCHING STATION #3  
 NEWHALL ST. - SAN JOSE

GRID DATE: 14MR03  
 SCALE: 1"=100'  
 GRID FILE NO: E213.DWG  
 DWG NO: E213 REV: 0 PAGE NO:

FIGURE A-48