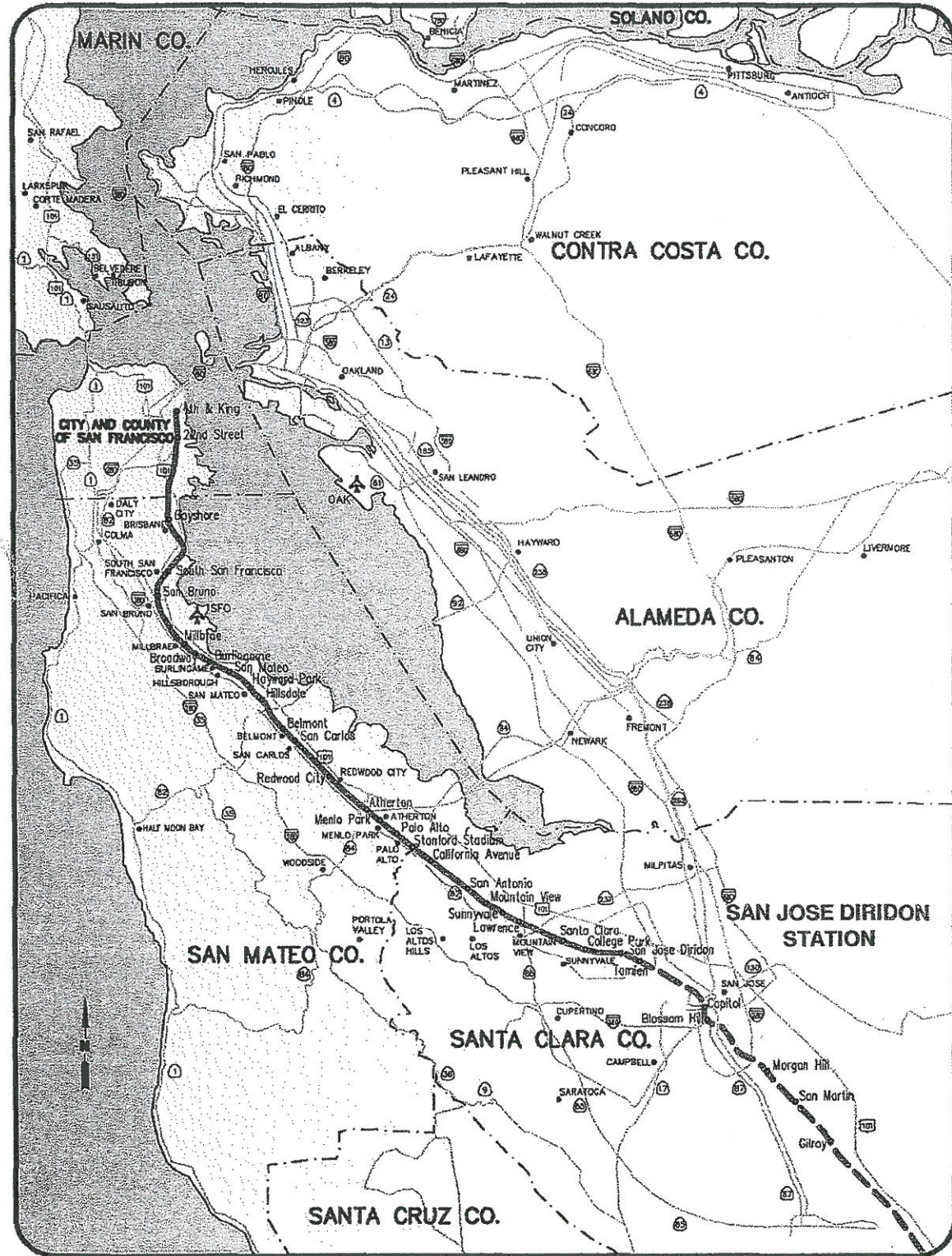


SAN FRANCISCO BAY AREA





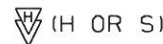
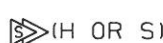


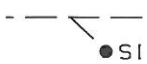
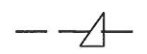






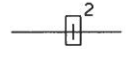
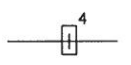
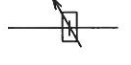
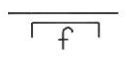



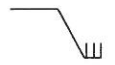



**JPB SIGNAL DRAWINGS
LINE PLANS**

PENINSULA CORRIDOR JOINT POWERS BOARD

SAN FRANCISCO TO SAN JOSE

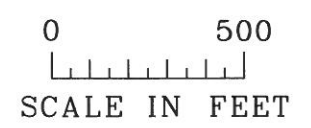
AS IN SERVICE

-  = HXP BI-DIRECTIONAL
-  = HXP UNI-DIRECTIONAL
-  = GCP 3000 BI-DIRECTIONAL
-  = GCP 3000 UNI-DIRECTIONAL
-  (H OR S) = HOT STANDBY SYSTEM
-  (H OR S) = HOT STANDBY SYSTEM
-  = PREDICTION LIMITS
-  TC = TRACK CONTROL
- OL = OVERLAY
-  = SINGLE IMPULSE
-  = DAX FEED FROM THIS LOCATION
-  = NARROW BAND SHUNT
-  = WIDE BAND SHUNT



-  EC = ELECTROCODE
-  LC = LINE CODE
-  = 1 WIDE BAND SHUNT AROUND INSULATED JOINT, EACH RAIL
-  = 2 WIDE BAND SHUNTS AROUND INSULATED JOINT, EACH RAIL
-  = TUNABLE JOINT COUPLER(S) AROUND INSULATED JOINT, EACH RAIL
-  = OVERLAY TRACK CIRCUIT
-  = DRAGGING EQUIPMENT DETECTOR
-  = COMMERCIAL AC POWER
-  = STOP SIGN
-  = POWER SWITCH
-  = ELECTRIC LOCK
-  WS = SELECTOR WIRED SWITCH
-  (M) = MARKER (LUNAR)

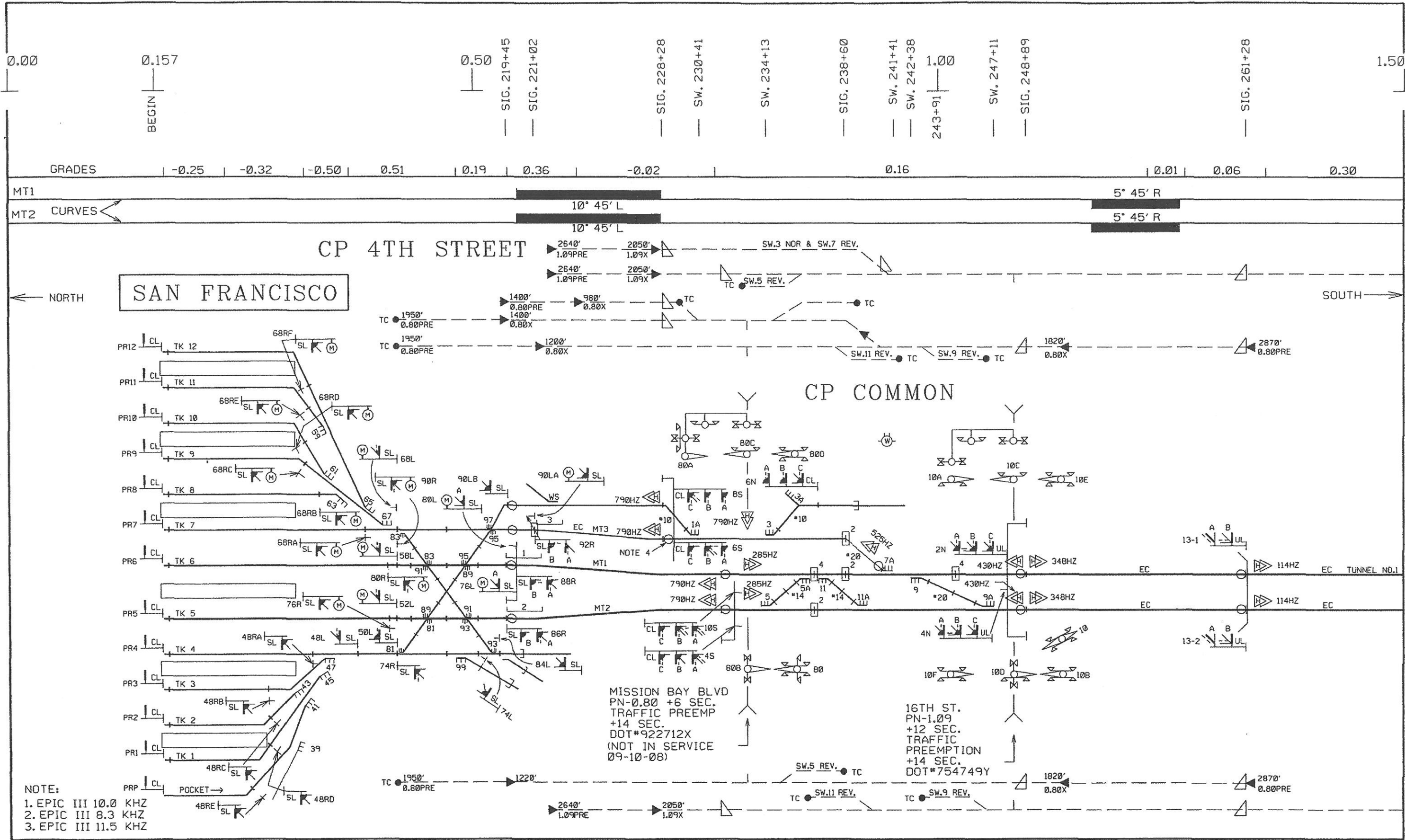
REVISED DATE: 05-18-12

REVISIONS		
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2	1.5-3.0	10-22-10
3	3.0-4.5	03-26-10
4	4.5-6.0	06-26-07
5	6.0-7.5	06-26-07
6	7.5-9.0	10-13-08
7	9.0-10.5	04-30-12
8	10.5-12.0	04-30-12
9	12.0-13.5	07-30-10
10	13.5-15.0	03-24-11
11	15.0-16.5	03-24-11
12	16.5-18.0	04-26-12
13	18.0-19.5	04-26-12
14	19.5-21.0	10-22-10
15	21.0-22.5	10-22-10
16	22.5-24.0	06-26-07
17	24.0-25.5	04-26-12
18	25.5-27.0	10-22-10
19	27.0-28.5	05-18-12
20	28.5-30.0	10-10-11
21	30.0-31.5	04-26-12
22	31.5-33.0	04-26-12
23	33.0-34.5	04-26-12
24	34.5-36.0	04-26-12
25	36.0-37.5	10-22-10
26	37.5-39.0	04-26-12
27	39.0-40.5	01-11-11
28	40.5-42.0	05-18-12
29	42.0-44.0	05-18-12
30	44.0-45.6	03-26-10
31	45.6-47.0	10-22-10
32	47.0-48.1	04-25-12
33	48.1-49.6	04-25-12
34	49.6-51.1	06-26-07
35	51.1-52.6	06-26-07

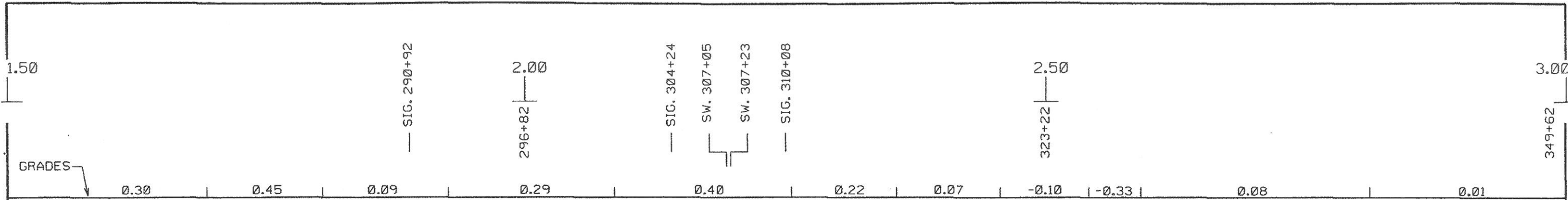


INFORMATION CONFIDENTIAL
ALL PLANS, DRAWINGS,
SPECIFICATIONS AND OR
INFORMATION FURNISHED
HEREWITH SHALL REMAIN
THE PROPERTY OF THE
PENINSULA CORRIDOR JOINT
POWERS BOARD (PCJPB) AND
SHALL BE HELD CONFIDENTIAL
AND SHALL NOT BE USED FOR
ANY PURPOSE NOT PROVIDED
FOR IN AGREEMENT WITH THE
PENINSULA CORRIDOR JOINT
POWERS BOARD.

DESIGNED: 00-00-00 BY: XORAIL/XXX FILE JPB11-28801 WD NO.: 6169 SIGNAL DRAWING MAINTENANCE ASBUILT	DESIGNED: 00-00-00 BY: XORAIL/XXX FILE JPB11-28801 WD NO.: 6169 SIGNAL DRAWING MAINTENANCE ASBUILT	DESIGNED: 00-00-00 BY: XORAIL/XXX FILE JPBXXX WD NO.: XXXX ASBUILT	DESIGNED BY Z. A. ETKIN	 2890 NORTH MAIN STREET, SUITE 306 WALNUT CREEK, CA 94597 PH. NO.: (925) 906-0867 FAX NO.: (925) 906-9843 WWW.XORAIL.COM	 1250 San Carlos Avenue San Carlos, CA 94078	DEPUTY DIRECTOR S. CHAO	PENINSULA CORRIDOR JOINT POWERS BOARD JPB SIGNAL DRAWINGS LAYOUT VOLUME SAN FRANCISCO TO SAN JOSE GENERAL SIGNAL SYMBOLS & REVISION	DESIGN DATE:	REVISION DATE: 05-18-12
IN SVC. DATE 00-00-00 CORRECTED: 05-18-12 BY: XORAIL/ABP	IN SVC. DATE 00-00-00 CORRECTED: 04-30-12 BY: XORAIL/ABP	IN SVC. DATE 00-00-00 CORRECTED: 10-22-10 BY: XORAIL/ABP	DRAWN BY A. B. POSADAS			MANAGER OF C&S M. JOHNSON		MAINTENANCE DRAWING	
			CHECKED BY R. STEVENS			DESIGNED BY: XORAIL		ADOPTED DATE:	SCALE: 1" : 500'
			APPROVED BY R. STEVENS			CHECKED BY:	DRAWING NO: LEGEND	PAGE NO:	



DESIGNED: 00-00-00 BY: XORAIL/XXX FILE: JPBXXX WD NO.: XXXX ASBUILT IN SVC. DATE: 00-00-00 CORRECTED: 10-27-09 BY: XORAIL/ABP	DESIGNED BY: Z. A. ETKIN	 2898 NORTH MAIN STREET, SUITE 306 WALNUT CREEK, CA 94597 PH. NO.: (925) 986-0867 FAX NO.: (925) 986-9843 WWW.XORAIL.COM	 1288 San Carlos Avenue San Carlos, CA 94070	DEPUTY DIRECTOR: S. CHAO	PENINSULA CORRIDOR JOINT POWERS BOARD	DESIGN DATE: 10-27-09	REVISION DATE: 10-27-09
	DRAWN BY: A. B. POSADAS			MANAGER OF CAS: D. OBEDOZA		JPB SIGNAL DRAWINGS LAYOUT VOLUME SAN FRANCISCO TO SAN JOSE PN 0.0-1.5	
CHECKED BY: R. STEVENS	APPROVED BY: R. STEVENS	DESIGNED BY: XORAIL	CHECKED BY:	DRAWING NO: PN 0.0-1.5.M01	SCALE: 1" = 500'	ADDED DATE:	PAGE NO:

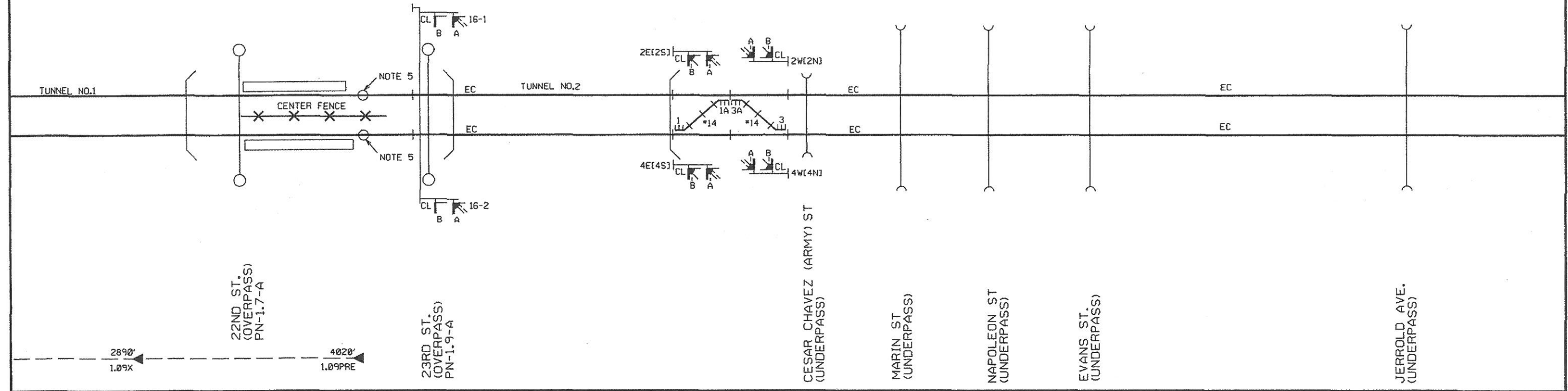


CP ARMY

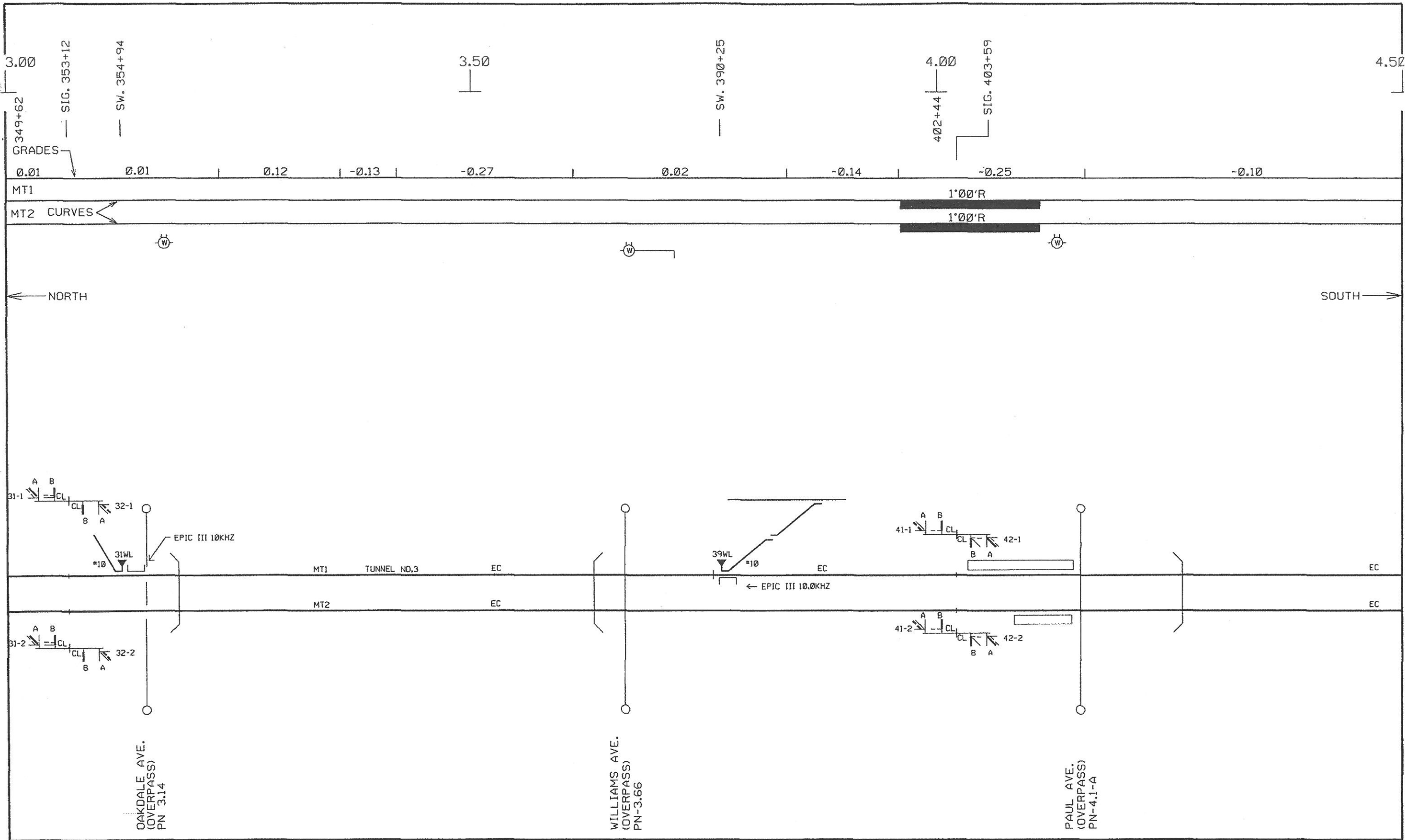
← NORTH → SOUTH →

2890' 1.09X | 4020' 1.09PRE

22ND STREET



DESIGNED: 00-00-00 BY: XORAIL/XXX FILE: JPBXXX WD NO.: XXXX ASBUILT IN SVC. DATE 00-00-00 CORRECTED: 10-27-09 BY: XORAIL/ABP	DESIGNED BY Z. A. ETKIN	<p>2890 NORTH MAIN STREET, SUITE 306 WALNUT CREEK, CA 94597 PH. NO.: (925) 906-0867 FAX NO.: (925) 906-9843 WWW.XORAIL.COM</p>	<p>1250 San Carlos Avenue San Carlos, CA 94070</p>	DEPUTY DIRECTOR S. CHAO	PENINSULA CORRIDOR JOINT POWERS BOARD	DESIGN DATE: REVISION DATE: 10-27-09
	DRAWN BY A. B. POSADAS			MANAGER OF CAS D. OBEDOZA		MAINTENANCE DRAWING
	CHECKED BY R. STEVENS			DESIGNED BY XORAIL	JPB SIGNAL DRAWINGS LAYOUT VOLUME SAN FRANCISCO TO SAN JOSE PN 1.5-3.0	ADOPTED DATE: SCALE: 1" = 500'
	APPROVED BY R. STEVENS			CHECKED BY:		DRAWING NO: PN 1.5-3.0.M01 PAGE NO:



DESIGNED: 00-00-00 BY: XORAIL/XXX
 FILE: JPBXXX
 WD NO.: XXXX
 ASBUILT

IN SVC. DATE: 00-00-00
 CORRECTED: 3-26-10 BY: XORAIL/ABP

DESIGNED BY:
Z. A. ETKIN

DRAWN BY:
A. B. POSADAS

CHECKED BY:
R. STEVENS

APPROVED BY:
R. STEVENS

xorail

2890 NORTH MAIN STREET, SUITE 306
 WALNUT CREEK, CA 94597
 PH. NO.: (925) 986-8867
 FAX NO.: (925) 986-9843
 WWW.XORAIL.COM



DEPUTY DIRECTOR
S. CHAO

MANAGER OF CAS
D. OBEDOZA

DESIGNED BY:
XORAIL

CHECKED BY:

PENINSULA CORRIDOR JOINT POWERS BOARD

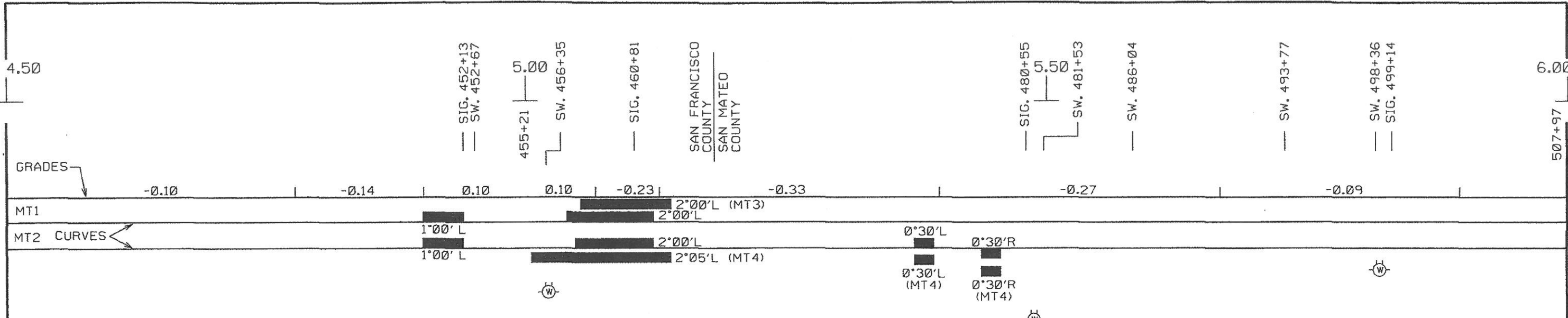
JPB SIGNAL DRAWINGS
 LAYOUT VOLUME
 SAN FRANCISCO TO SAN JOSE
 PN 3.0-4.5

DESIGN DATE: 3-26-10
 REVISION DATE: 3-26-10

MAINTENANCE DRAWING

ADOPTED DATE: 3-26-10
 SCALE: 1" = 500'

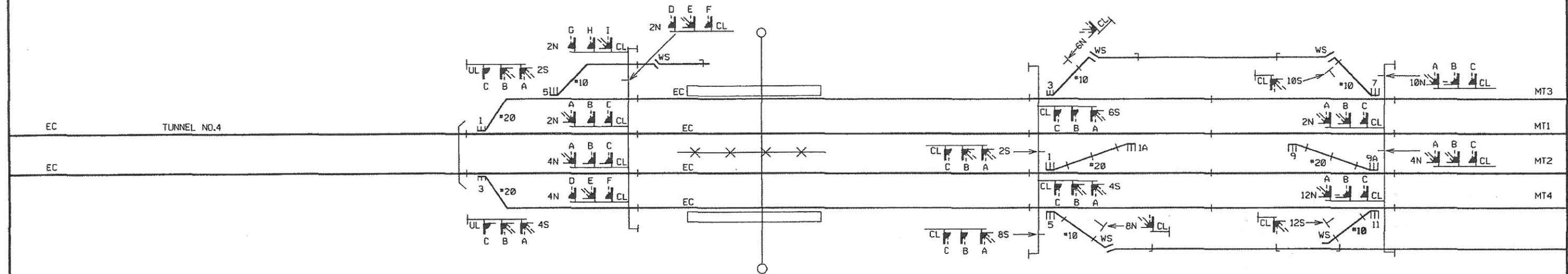
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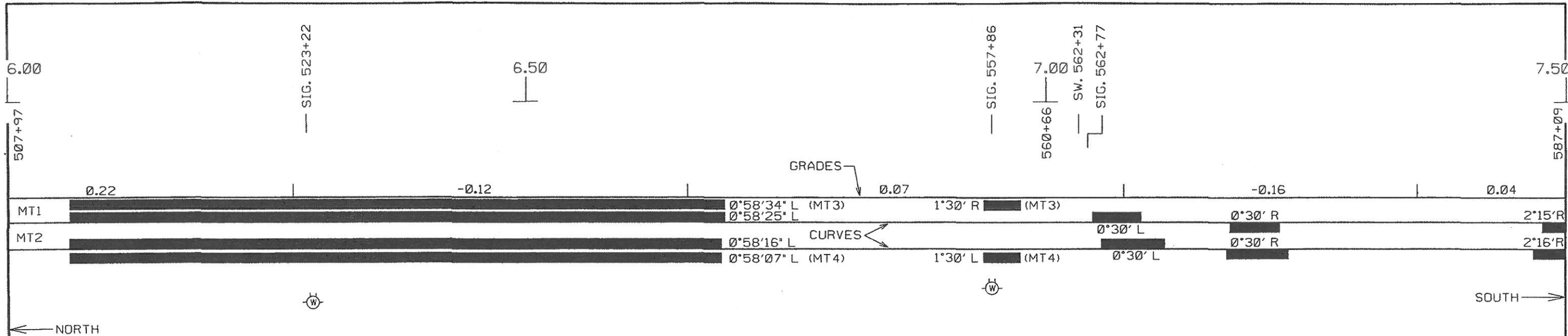
BAYSHORE

CP TUNNEL

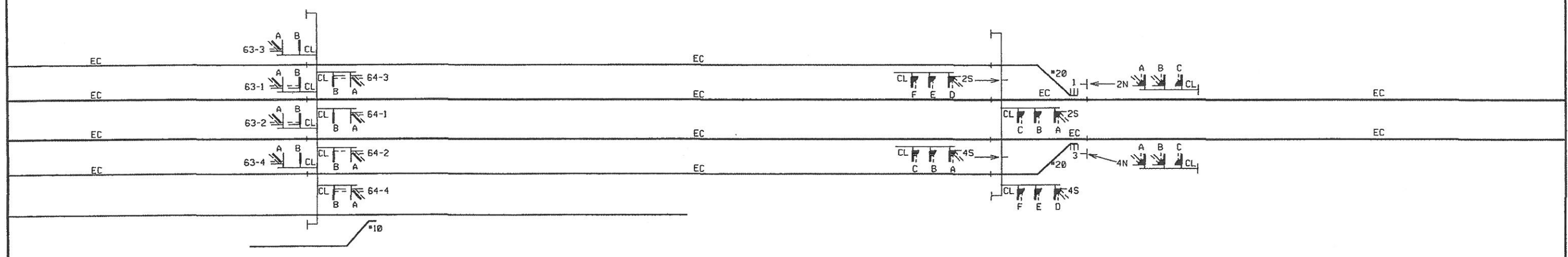
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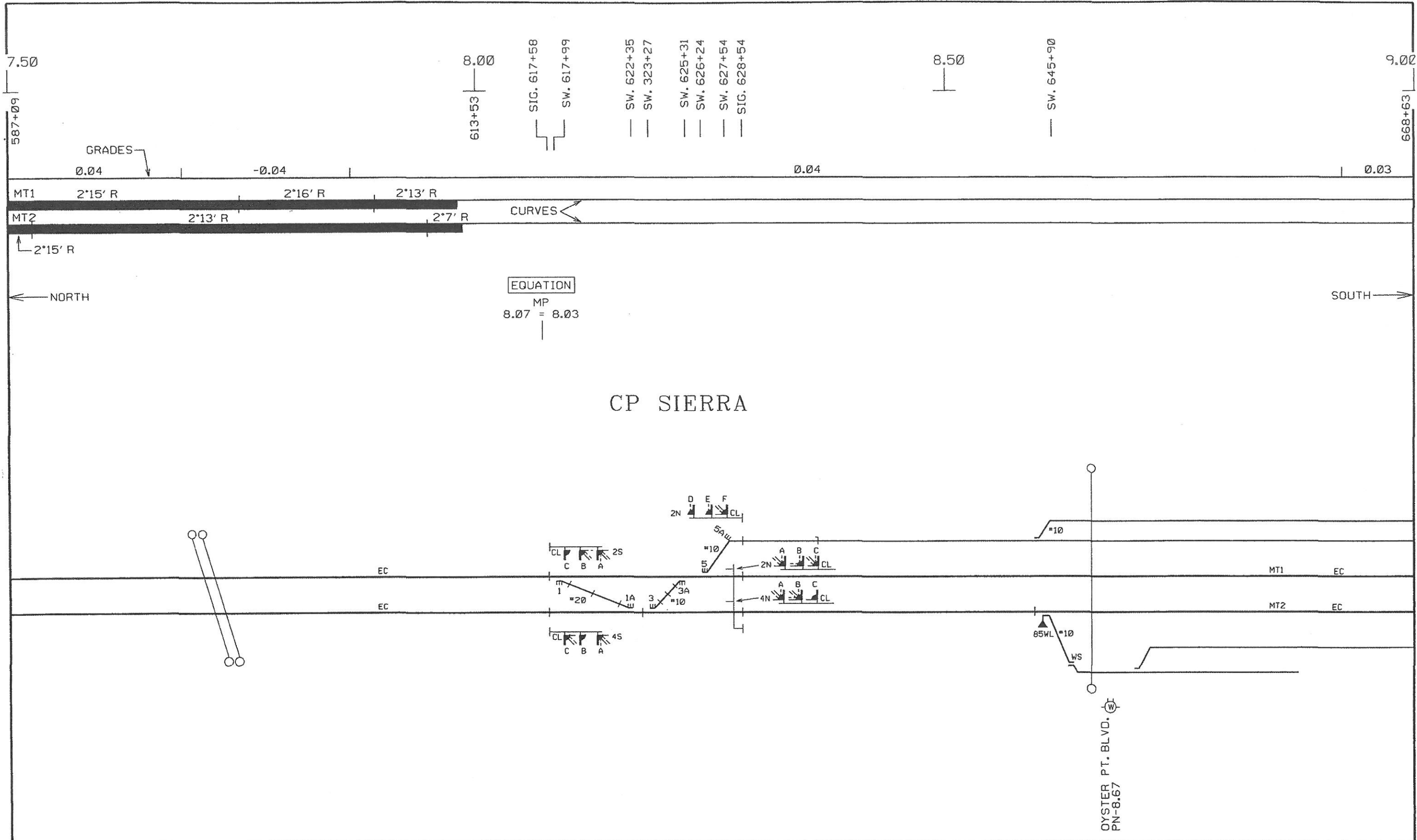
DESIGNED: 00-00-00 BY: XORAIL/XXX FILE: JPBXXX WD NQ: XXXX ASBULT IN SVC. DATE 00-00-00 CORRECTED: 6-26-07 BY: XORAIL/ABP	DESIGNED BY Z. A. ETKIN	 2898 NORTH MAIN STREET, SUITE 306 WALNUT CREEK, CA 94597 PH. NO.: (925) 986-8867 FAX NO.: (925) 986-9843 WWW.XORAIL.COM	 1250 San Carlos Avenue San Carlos, CA 94070	DEPUTY DIRECTOR S. CHAO	PENINSULA CORRIDOR JOINT POWERS BOARD	DESIGN DATE: 6-26-07	REVISION DATE: 6-26-07
	DRAWN BY A. B. POSADAS			MANAGER OF CAS D. OBEDOZA		JPB SIGNAL DRAWINGS LAYOUT VOLUME SAN FRANCISCO TO SAN JOSE PN 4.5-6.0	
	CHECKED BY R. STEVENS			DESIGNED BY: XORAIL		ADOPED DATE: 	SCALE: 1" = 500'
	APPROVED BY R. STEVENS			CHECKED BY:		DRAWING NO: PN 4.5-6.0.M01	PAGE NO:



CP BRISBANE



DESIGNED: 00-00-00 BY: XORAIL/XXX FILE JPBXXX WD NO.: XXXX ASBULT IN SVC. DATE 00-00-00 CORRECTED: 6-26-07 BY: XORAIL/ABP	DESIGNED BY Z. A. ETKIN	 2890 NORTH MAIN STREET, SUITE 306 WALNUT CREEK, CA 94597 PH. NO., (925) 906-0867 FAX NO., (925) 906-9843 WWW.XORAIL.COM	 1250 San Carlos Avenue San Carlos, CA 94070	DEPUTY DIRECTOR S. CHAO	PENINSULA CORRIDOR JOINT POWERS BOARD	DESIGN DATE: 6-26-07	REVISION DATE: 6-26-07
	DRAWN BY A. B. POSADAS			MANAGER OF CAS D. OBEDOZA		DESIGNED BY: XORAIL	MAINTENANCE DRAWING
	CHECKED BY R. STEVENS			CHECKED BY: XORAIL	JPB SIGNAL DRAWINGS LAYOUT VOLUME SAN FRANCISCO TO SAN JOSE PN 6.0-7.5	ADOPTED DATE: 6-26-07	SCALE: 1" = 500'
	APPROVED BY R. STEVENS			CHECKED BY:		DRAWING NO: PN 6.0-7.5.M01	PAGE NO:



CP SIERRA

EQUATION
 MP
 8.07 = 8.03

DESIGNED: 00-00-00 BY: XORAIL/XXX
 FILE JPBXXX
 NO NO: XXXX
 ASBUILT

IN SVC. DATE 00-00-00
 CORRECTED: 10-13-08 BY: XORAIL/ABP

DESIGNED BY
Z. A. ETKIN

DRAWN BY
A. B. POSADAS

CHECKED BY
R. STEVENS

APPROVED BY
R. STEVENS

xorail

2890 NORTH MAIN STREET, SUITE 306
 WALNUT CREEK, CA 94597
 PH. NO.: (925) 985-0867
 FAX NO.: (925) 985-9843
 WWW.XORAIL.COM

Caltrain

1250 San Carlos Avenue
 San Carlos, CA 94070

DEPUTY DIRECTOR
S. CHAO

MANAGER OF CAS
D. OBEDOZA

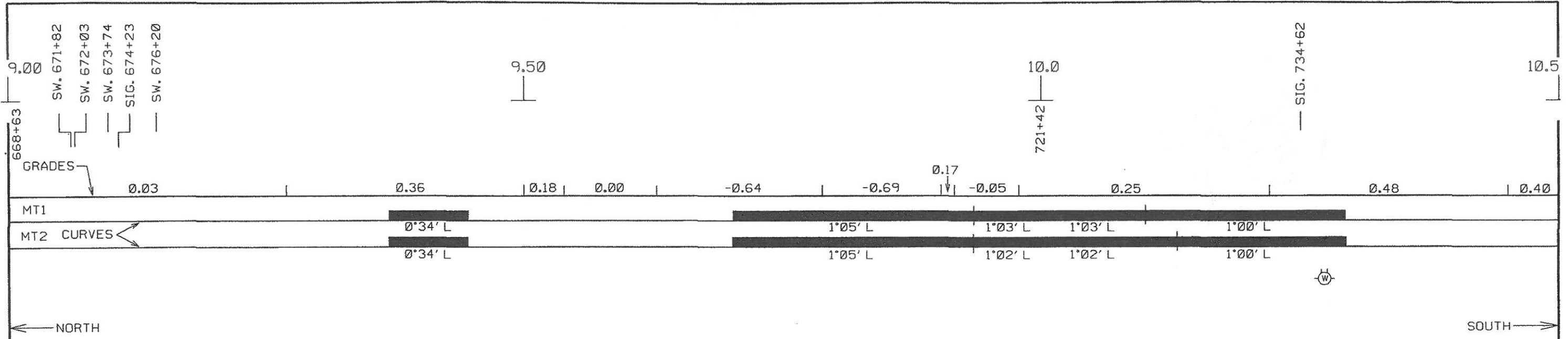
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XORAIL

CHECKED BY:

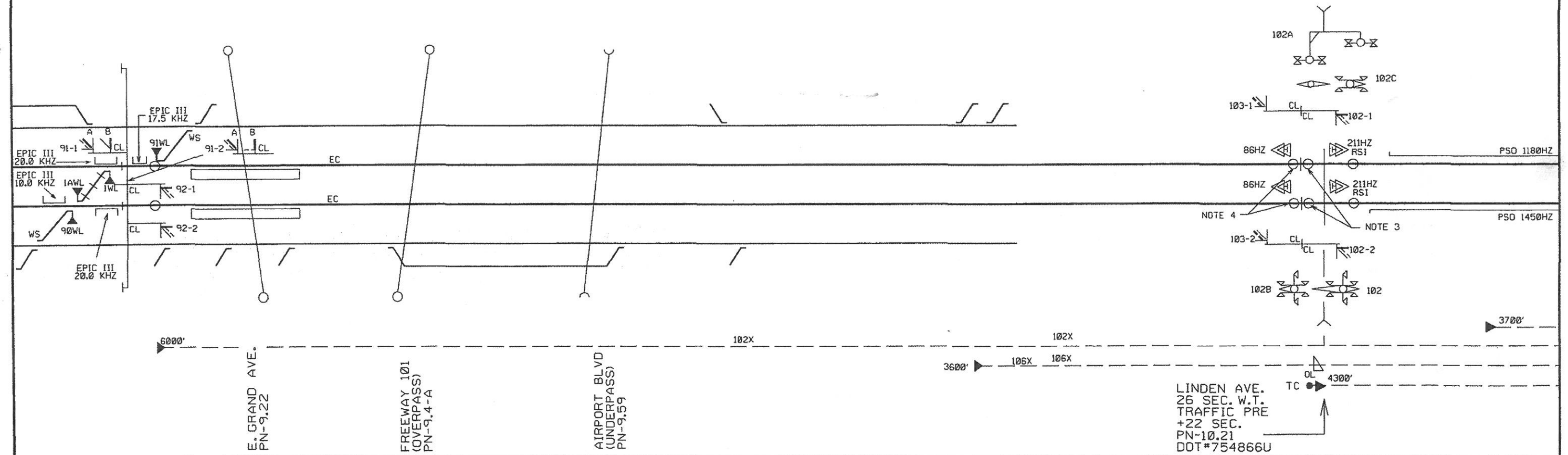
PENINSULA CORRIDOR JOINT POWERS BOARD

JPB SIGNAL DRAWINGS
 LAYOUT VOLUME
 SAN FRANCISCO TO SAN JOSE
 PN 7.5-9.0

DESIGN DATE:	REVISION DATE:
	10-13-08
MAINTENANCE DRAWING	
ADOPTED DATE:	SCALE:
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PN 7.5-9.0.M01	

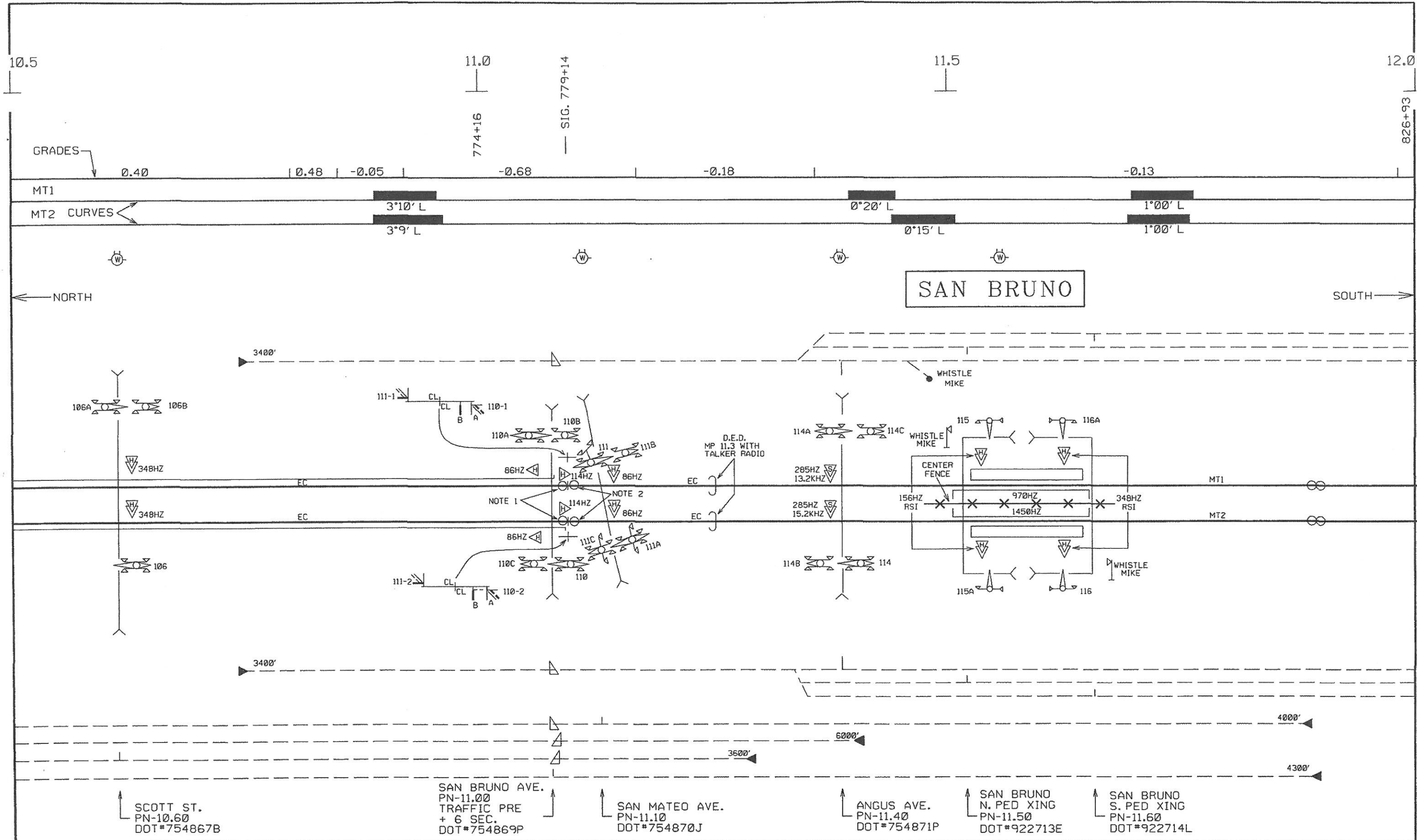


SOUTH SAN FRANCISCO

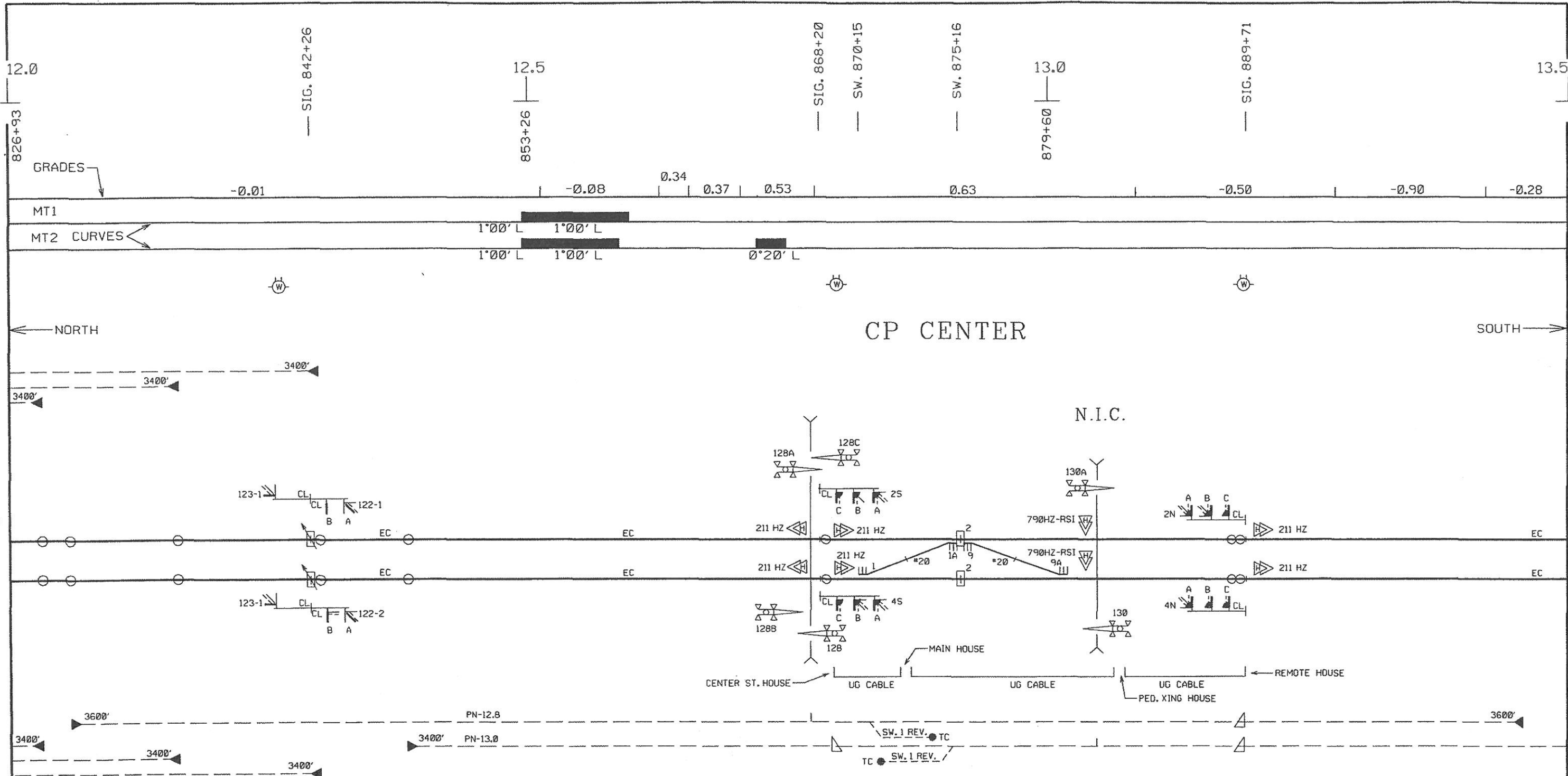


LINDEN AVE.
26 SEC. W.T.
TRAFFIC PRE
+22 SEC.
PN-10.21
DOT#754866U

DESIGNED: 00-00-00 BY: XORAIL/XXX FILE JPBXXX NO NO.: XXXX ASBUILT IN SVC. DATE 00-00-00 CORRECTED: 10-13-08 BY: XORAIL/ABP	DESIGNED BY Z. A. ETKIN	 2898 NORTH MAIN STREET, SUITE 306 WALNUT CREEK, CA 94597 PH. NO.: (925) 906-0867 FAX NO.: (925) 906-9843 WWW.XORAIL.COM	 1250 San Carlos Avenue San Carlos, CA 94078	DEPUTY DIRECTOR S. CHAO	PENINSULA CORRIDOR JOINT POWERS BOARD	DESIGN DATE: 10-13-08	REVISION DATE: 10-13-08
	DRAWN BY A. B. POSADAS			MANAGER OF CAS D. OBEDOZA		JPB SIGNAL DRAWINGS LAYOUT VOLUME SAN FRANCISCO TO SAN JOSE PN 9.0-10.5	
	CHECKED BY R. STEVENS			DESIGNED BY: XORAIL		ADOPTED DATE: 10-13-08	SCALE: 1" = 500'
	APPROVED BY R. STEVENS			CHECKED BY:		DRAWING NO: PN 9.0-10.5.M01	PAGE NO:



DESIGNED: 00-00-00 BY: XORAIL/XXX FILE JPBXXX WD NO.: XXXX ASBUILT IN SVC. DATE 00-00-00 CORRECTED: 02-02-10 BY: XORAIL/ABP	DESIGNED BY Z. A. ETKIN	<p>2890 NORTH MAIN STREET, SUITE 306 WALNUT CREEK, CA 94597 PH. NO., (925) 906-0867 FAX NO., (925) 906-9843 WWW.XORAIL.COM</p>	<p>1250 San Carlos Avenue San Carlos, CA 94070</p>	DEPUTY DIRECTOR S. CHAO	PENINSULA CORRIDOR JOINT POWERS BOARD	DESIGN DATE: 02-02-10	REVISION DATE: 02-02-10
	DRAWN BY A. B. POSADAS			MANAGER OF CAS D. OBEODOZA		JPB SIGNAL DRAWINGS LAYOUT VOLUME SAN FRANCISCO TO SAN JOSE PN 10.5-12.0	
	CHECKED BY R. STEVENS			DESIGNED BY: XORAIL		ADOPTED DATE: 	SCALE: 1" = 500'
	APPROVED BY R. STEVENS			CHECKED BY: 		DRAWING NO: PN10.5-12.0.M01	PAGE NO:



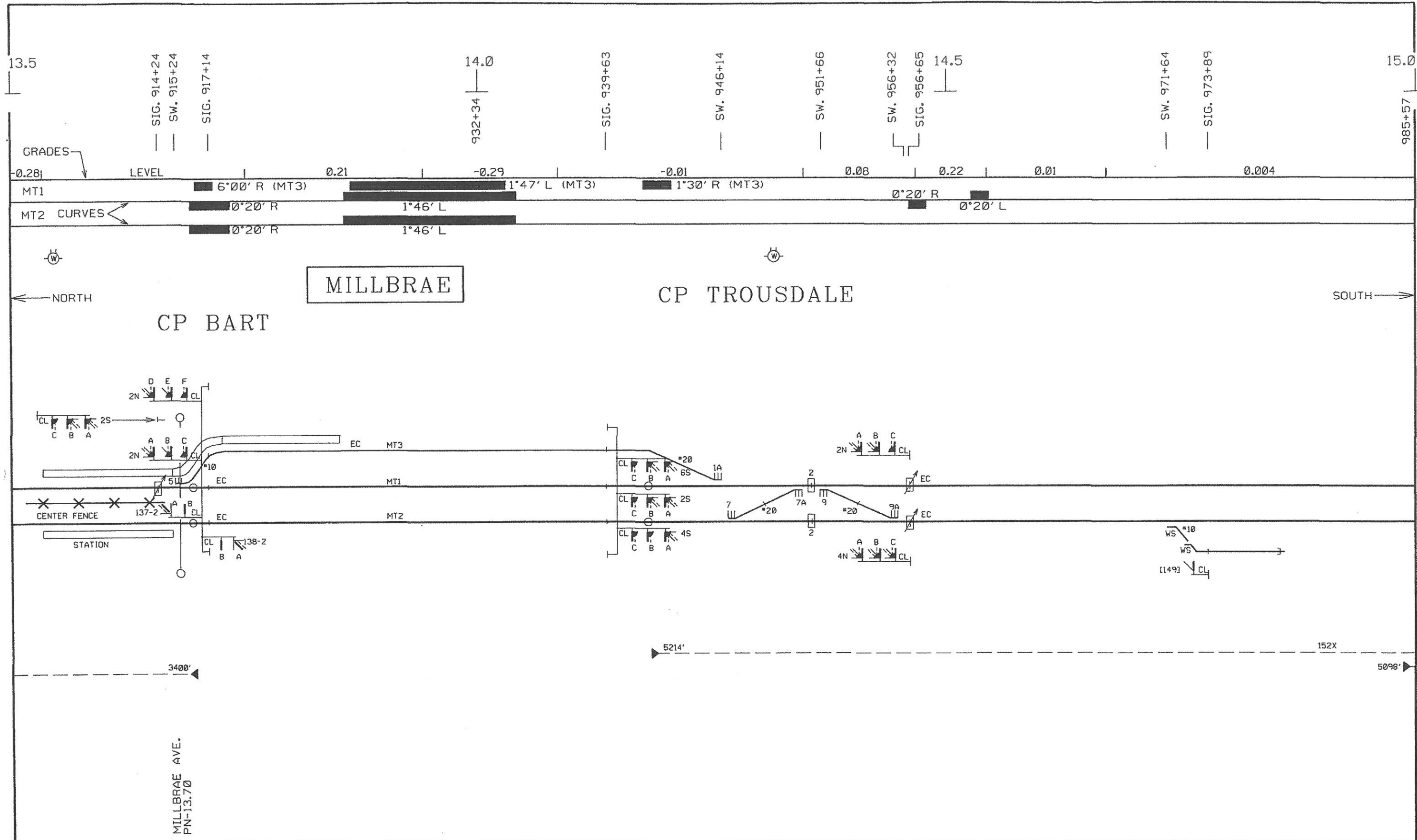
NOTES:



1. NBSHUNTS: 211HZ (NBS-1)
348HZ (NBS-1)
2. NBSHUNTS: 86HZ (NBS-2) D.L. 4000'
156HZ (NBS-2) D.L. 1000'
348HZ (NBS-2) D.L. 500'
285HZ (NBS-1) D.L. 2000'
3. NBSHUNTS: 348HZ (NBS-1) D.L. 500'
211HZ (NBS-1) D.L. 4250'
4. NBSHUNTS: 86HZ (NBS-1) D.L. 6000'

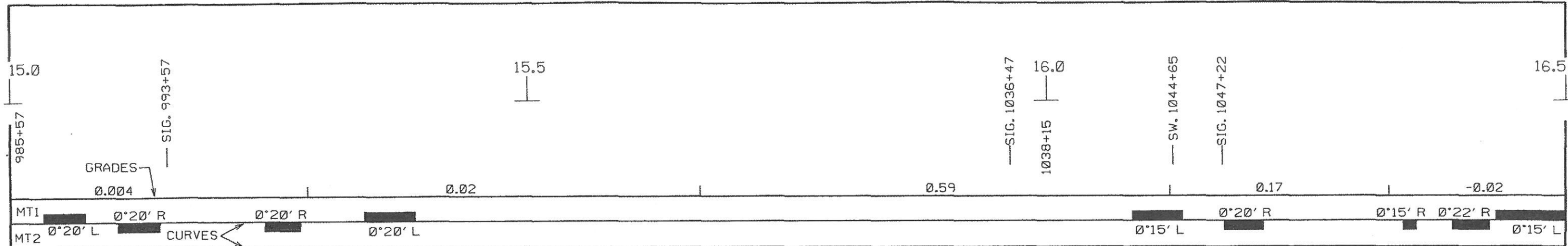
CENTER ST.
PN-12.80
DOT#754873E

SANTA PAULA
PED. XING
PN-13.00
DOT#754874L

DESIGNED: 00-00-00 BY: XORAIL/XXX FILE JPBXXX WD NO.: XXXX ASBUILT IN SVC. DATE 00-00-00 CORRECTED: 07-30-10 BY: XORAIL/ABP	DESIGNED BY Z. A. ETKIN DRAWN BY A. B. POSADAS CHECKED BY R. STEVENS APPROVED BY R. STEVENS	xorail 2890 NORTH MAIN STREET, SUITE 306 WALNUT CREEK, CA 94597 PH. NO.: (925) 906-0867 FAX NO.: (925) 906-9843 WWW.XORAIL.COM	1250 San Carlos Avenue San Carlos, CA 94078	DEPUTY DIRECTOR S. CHAO MANAGER OF CAS D. OBEDOZA DESIGNED BY: XORAIL CHECKED BY:	PENINSULA CORRIDOR JOINT POWERS BOARD JPB SIGNAL DRAWINGS LAYOUT VOLUME SAN FRANCISCO TO SAN JOSE PN 12.0-13.5	DESIGN DATE: 07-30-10 MAINTENANCE DRAWING ADOPTED DATE: SCALE: 1" = 500' DRAWING NO: PN12.0-13.5.MO1 PAGE NO:
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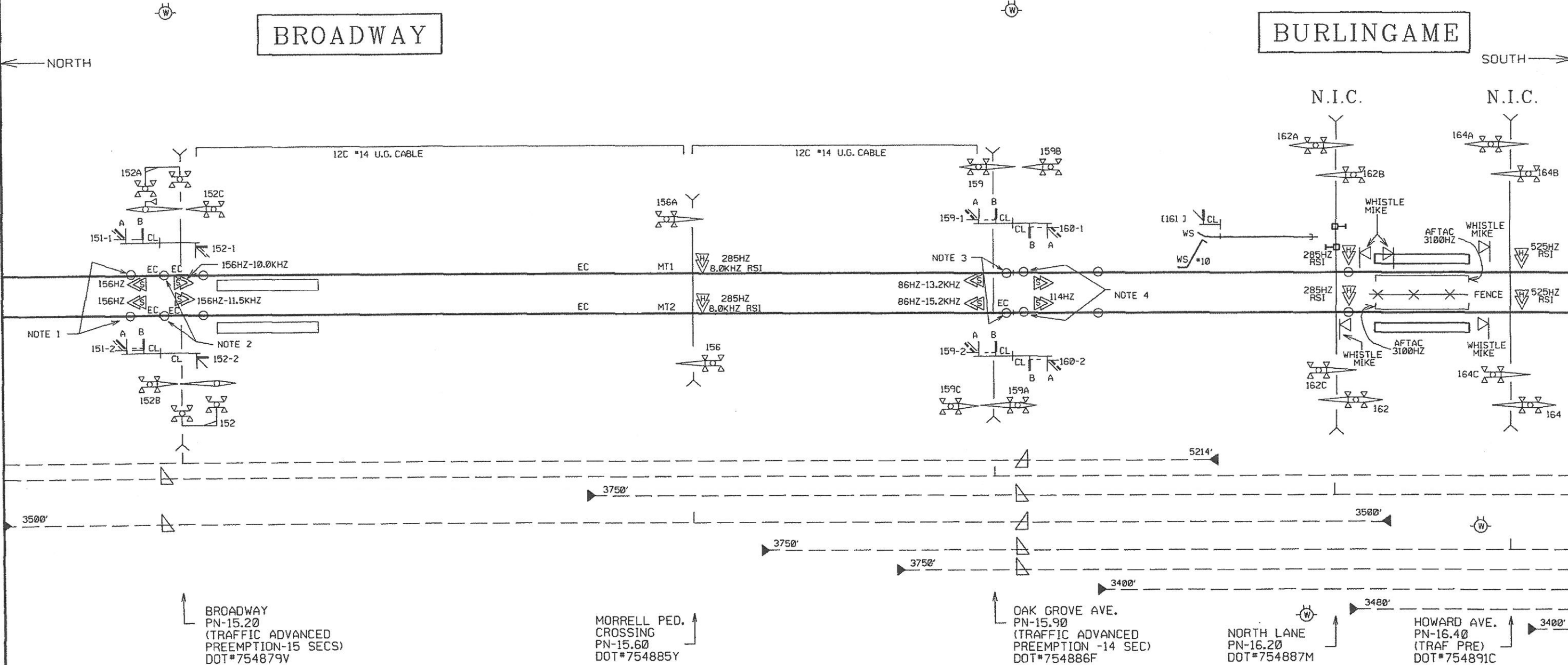


DESIGNED: 00-00-00 BY: XORAIL/XXX FILE JPBXXX NO NO: XXXX ASSULT IN SVC. DATE 00-00-00 CORRECTED: 07-30-10 BY: XORAIL/ABP	DESIGNED BY Z. A. ETKIN	 2890 NORTH MAIN STREET, SUITE 306 WALNUT CREEK, CA 94597 PH. NO.: (925) 986-8867 FAX NO.: (925) 986-9843 WWW.XORAIL.COM	 1250 San Carlos Avenue San Carlos, CA 94070	DEPUTY DIRECTOR S. CHAO	PENINSULA CORRIDOR JOINT POWERS BOARD	DESIGN DATE: 07-30-10	REVISION DATE: 07-30-10
	DRAWN BY A. B. POSADAS			MANAGER OF CAS D. OBEDOZA		JPB SIGNAL DRAWINGS LAYOUT VOLUME SAN FRANCISCO TO SAN JOSE PN 13.5-15.0	
	CHECKED BY R. STEVENS			DESIGNED BY: XORAIL		ADOPTED DATE: 	SCALE: 1" = 500'
	APPROVED BY R. STEVENS			CHECKED BY: 		DRAWING NO: PN13.5-15.0.M01	PAGE NO:



BROADWAY

BURLINGAME



BROADWAY
PN-15.20
(TRAFFIC ADVANCED
PREEMPTION-15 SECS)
DOT#754879V

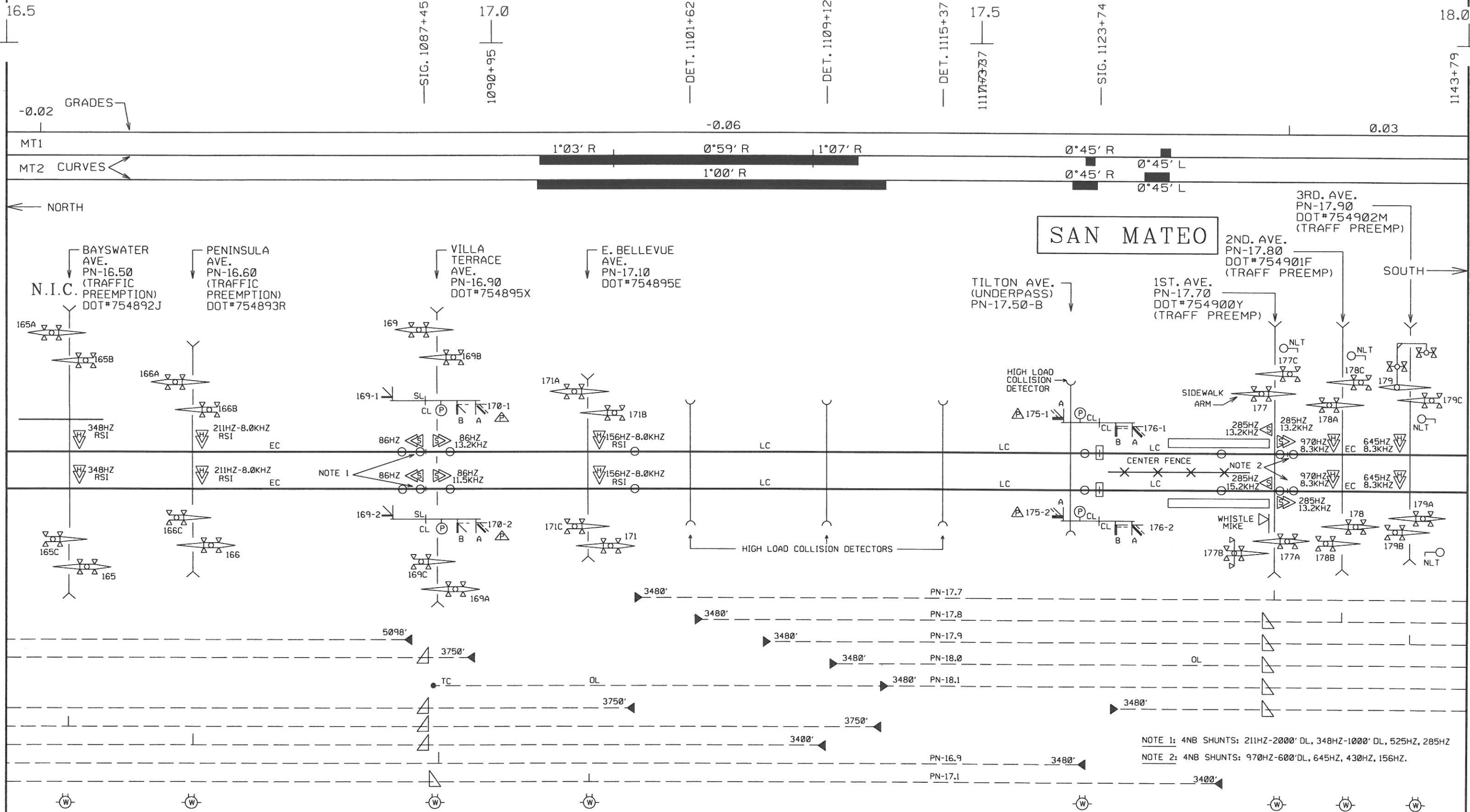
MORRELL PED.
CROSSING
PN-15.60
DOT#754885Y

OAK GROVE AVE.
PN-15.90
(TRAFFIC ADVANCED
PREEMPTION -14 SEC)
DOT#754886F

NORTH LANE
PN-16.20
DOT#754887M

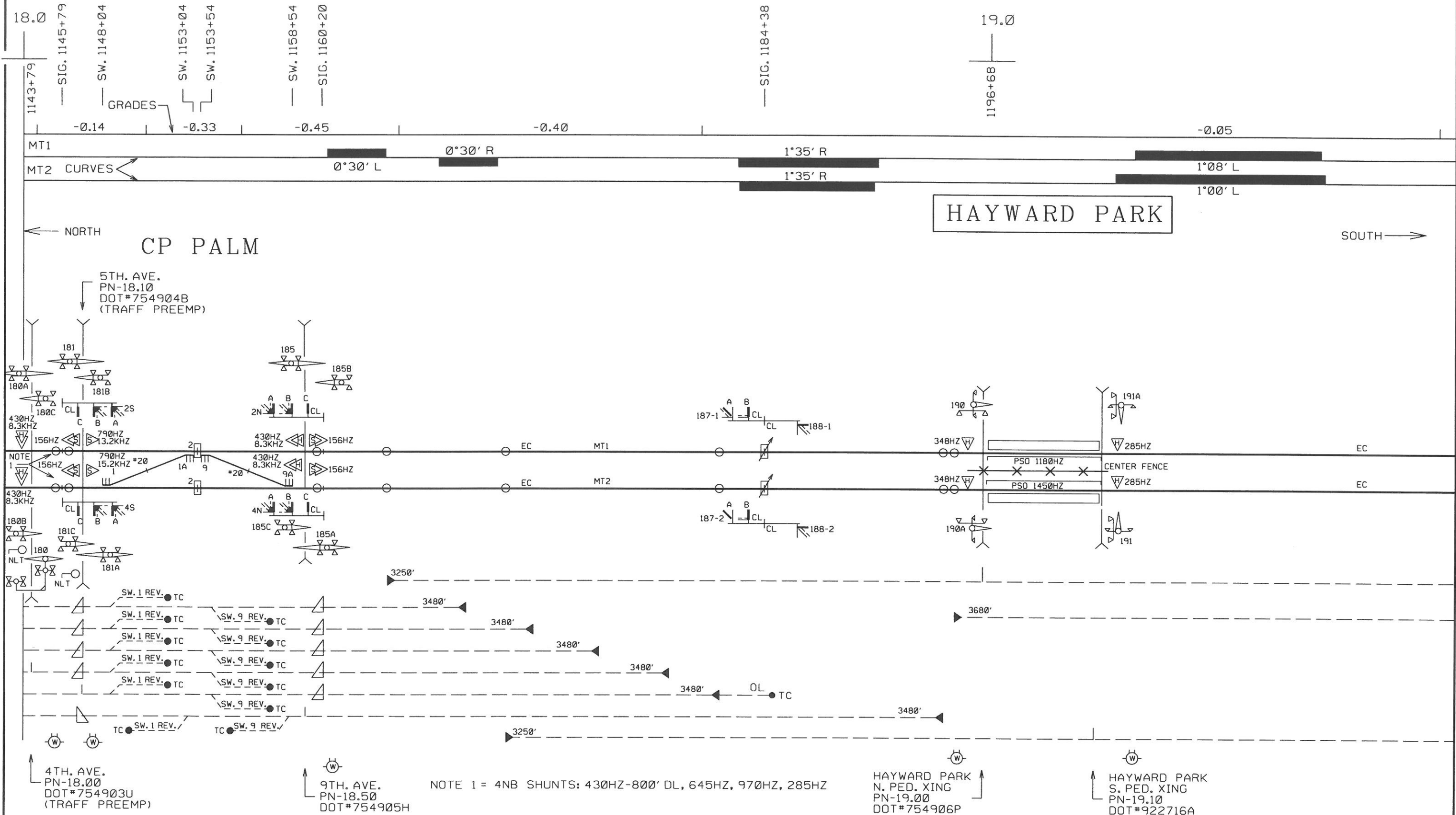
HOWARD AVE.
PN-16.40
(TRAF PRE)
DOT#754891C

DESIGNED: 00-00-00 BY: XORAIL/XXX FILE JPBXXX WD NO.: XXXX ASBUILT IN SVC. DATE 00-00-00 CORRECTED: 07-30-10 BY: XORAIL/ABP	DESIGNED BY Z. A. ETKIN	<p>2890 NORTH MAIN STREET, SUITE 306 WALNUT CREEK, CA 94597 PH. NO.: (925) 986-8867 FAX NO.: (925) 986-9845 WWW.XORAIL.COM</p>	<p>1250 San Carlos Avenue San Carlos, CA 94070</p>	DEPUTY DIRECTOR S. CHAO	PENINSULA CORRIDOR JOINT POWERS BOARD	DESIGN DATE: 07-30-10	REVISION DATE: 07-30-10
	DRAWN BY A. B. POSADAS			MANAGER OF CAS D. OBEDOZA		JPB SIGNAL DRAWINGS LAYOUT VOLUME SAN FRANCISCO TO SAN JOSE PN 15.0-16.5	
	CHECKED BY R. STEVENS			DESIGNED BY: XORAIL		ADOPTED DATE: 	SCALE: 1" = 500'
	APPROVED BY R. STEVENS			CHECKED BY:		DRAWING NO: PN15.0-16.5.M01	PAGE NO:



NOTE 1: 4NB SHUNTS: 211HZ-2000' DL, 348HZ-1000' DL, 525HZ, 285HZ
 NOTE 2: 4NB SHUNTS: 970HZ-600' DL, 645HZ, 430HZ, 156HZ.

DESIGNED: 00-00-00 BY: XORAIL/XXX FILE JPB11-28901 WD NO.: 6169 PREEMPTION ON LINE PLANS AIS ASBUILT IN SVC. DATE 00-00-00 CORRECTED: 04-26-12 BY: XORAIL/ABP	DESIGNED: 00-00-00 BY: XORAIL/XXX FILE JPBXXX WD NO.: XXXX FIELD AND CADD CORRECTIONS ASBUILT IN SVC. DATE 00-00-00 CORRECTED: 10-22-10 BY: XORAIL/ABP	DESIGNED: 00-00-00 BY: XORAIL/XXX FILE JPBXXX WD NO.: XXXX ASBUILT IN SVC. DATE 00-00-00 CORRECTED: 07-30-10 BY: XORAIL/ABP	DESIGNED BY Z. A. ETKIN DRAWN BY A. B. POSADAS CHECKED BY R. STEVENS APPROVED BY R. STEVENS	<p>2890 NORTH MAIN STREET, SUITE 306 WALNUT CREEK, CA 94597 PH. NO.: (925) 906-0867 FAX NO.: (925) 906-9843 WWW.XORAIL.COM</p>	<p>1250 San Carlos Avenue San Carlos, CA 94078</p>	DEPUTY DIRECTOR S. CHAO MANAGER OF CAS D. OBEDOZA DESIGNED BY: XORAIL CHECKED BY:	PENINSULA CORRIDOR JOINT POWERS BOARD JPB SIGNAL DRAWINGS LAYOUT VOLUME SAN FRANCISCO TO SAN JOSE PN 16.5-18.0	DESIGN DATE: 04-26-12 MAINTENANCE DRAWING ADOPTED DATE: SCALE: 1" = 500' DRAWING NO: PN16.5-18.0.M01 PAGE NO:
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DESIGNED: 00-00-00 BY: XORAIL/XXX
 FILE JPBXXX
 WD NO.: 6169
 PREEMPTION ON LINE PLANS AIS
 ASBUILT

DESIGNED: 00-00-00 BY: XORAIL/XXX
 FILE JPBXXX
 WD NO.: XXXX
 FIELD AND CADD CORRECTIONS
 ASBUILT

DESIGNED: 00-00-00 BY: XORAIL/XXX
 FILE JPBXXX
 WD NO.: XXXX
 ASBUILT

DESIGNED BY
Z. A. ETKIN
 DRAWN BY
A. B. POSADAS
 CHECKED BY
R. STEVENS
 APPROVED BY
R. STEVENS

xorail
 2890 NORTH MAIN STREET, SUITE 306
 WALNUT CREEK, CA 94597
 PH. NO.: (925) 906-0867
 FAX NO.: (925) 906-9843
 WWW.XORAIL.COM

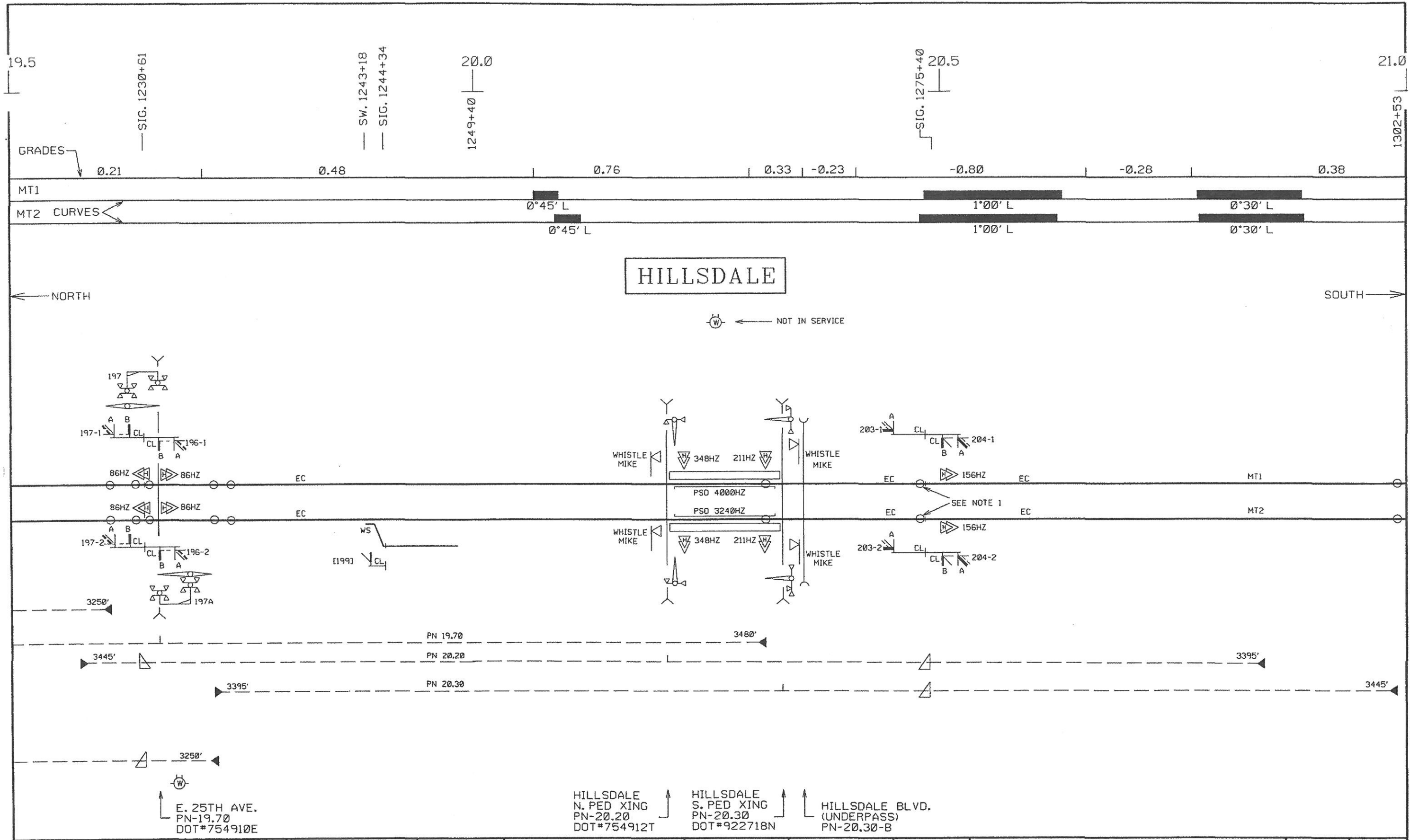
Caltrain
 1250 San Carlos Avenue
 San Carlos, CA 94070

DEPUTY DIRECTOR
S. CHAO
 MANAGER OF CAS
D. OBEDOZA
 DESIGNED BY:
XORAIL
 CHECKED BY:

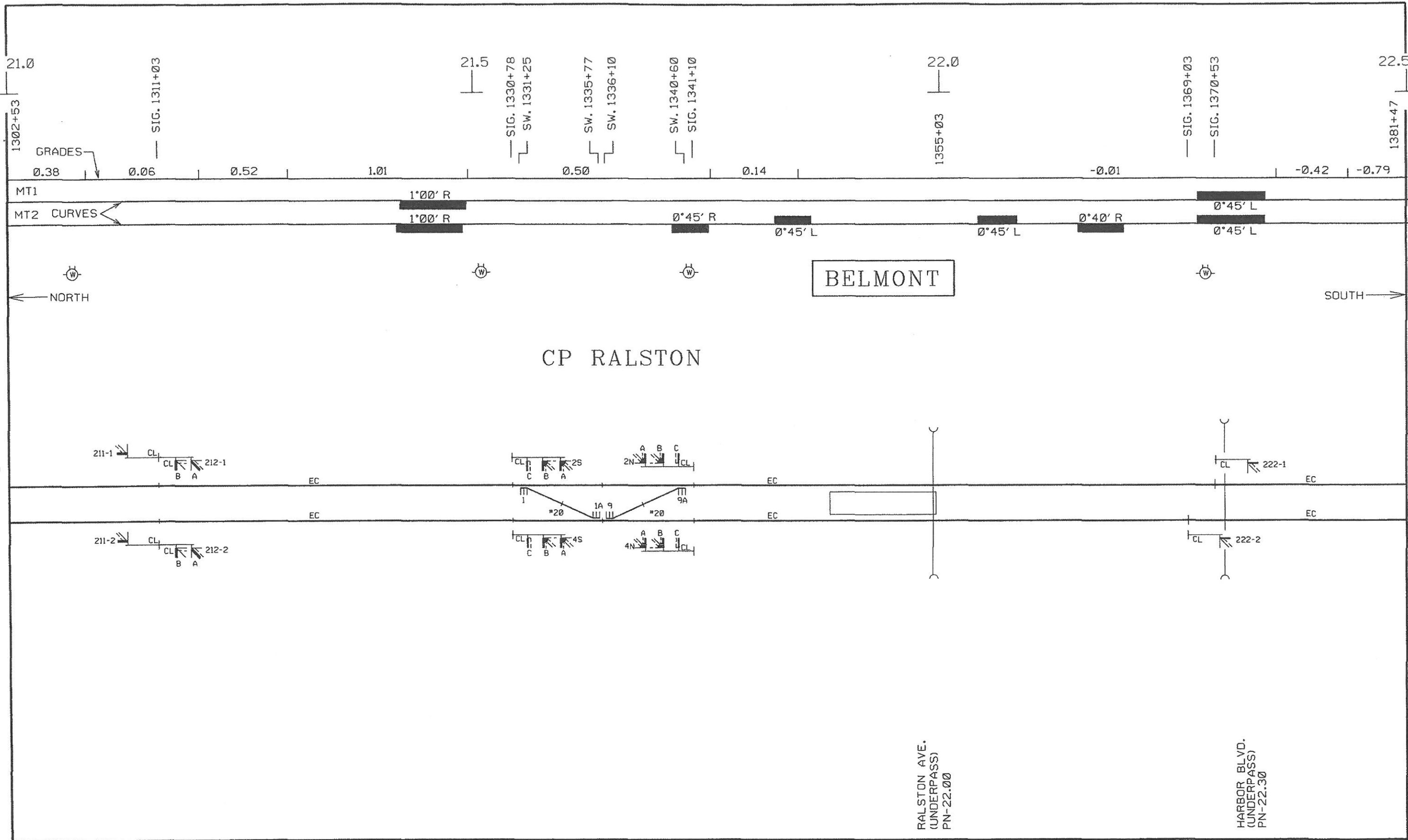
PENINSULA CORRIDOR JOINT POWERS BOARD
 JPB SIGNAL DRAWINGS
 LAYOUT VOLUME
 SAN FRANCISCO TO SAN JOSE
 PN 18.0-19.5



DESIGN DATE: _____ REVISION DATE: 04-26-12
 MAINTENANCE DRAWING
 ADOPTED DATE: _____ SCALE: 1" : 500'
 DRAWING NO: PN18.0-19.5.M01 PAGE NO: _____

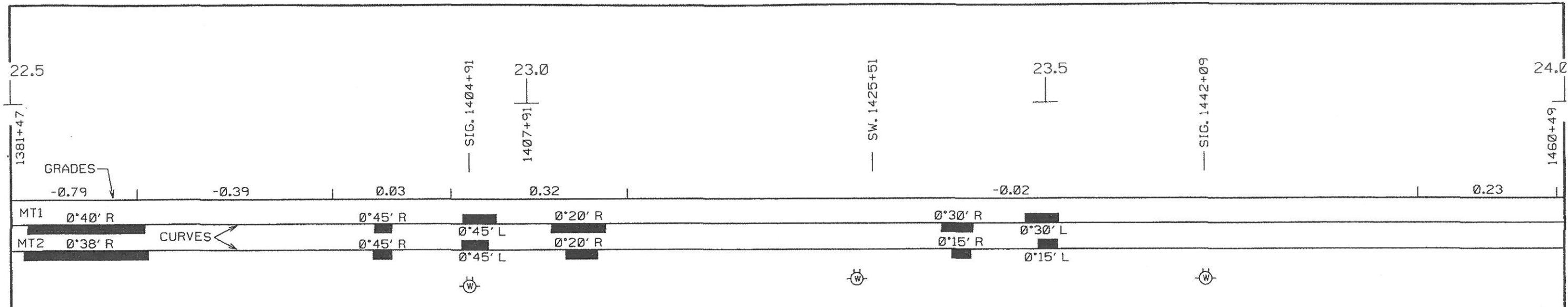
NOTE 1 = 4NB SHUNTS: 430HZ-800' DL, 645HZ, 970HZ, 285HZ



DESIGNED: 00-00-00 BY: XORAIL/XXX FILE JPBXXX WD NO.: XXXX ASSULT IN SVC. DATE 00-00-00 CORRECTED: 02-02-10 BY: XORAIL/ABP	DESIGNED BY Z. A. ETKIN	2890 NORTH MAIN STREET, SUITE 306 WALNUT CREEK, CA 94597 PH. NO.: (925) 906-8867 FAX NO.: (925) 906-9843 WWW.XORAIL.COM	1250 San Carlos Avenue San Carlos, CA 94070	DEPUTY DIRECTOR S. CHAO	PENINSULA CORRIDOR JOINT POWERS BOARD JPB SIGNAL DRAWINGS LAYOUT VOLUME SAN FRANCISCO TO SAN JOSE PN 19.5-21.0	DESIGN DATE: 02-02-10	REVISION DATE: 02-02-10
	DRAWN BY A. B. POSADAS			MANAGER OF CAS D. OBEDOZA		MAINTENANCE DRAWING	
	CHECKED BY R. STEVENS			DESIGNED BY: XORAIL		ADOPTED DATE: 	SCALE: 1" = 500'
	APPROVED BY R. STEVENS			CHECKED BY: 		DRAWING NO: PN19.5-21.0.M01	PAGE NO:

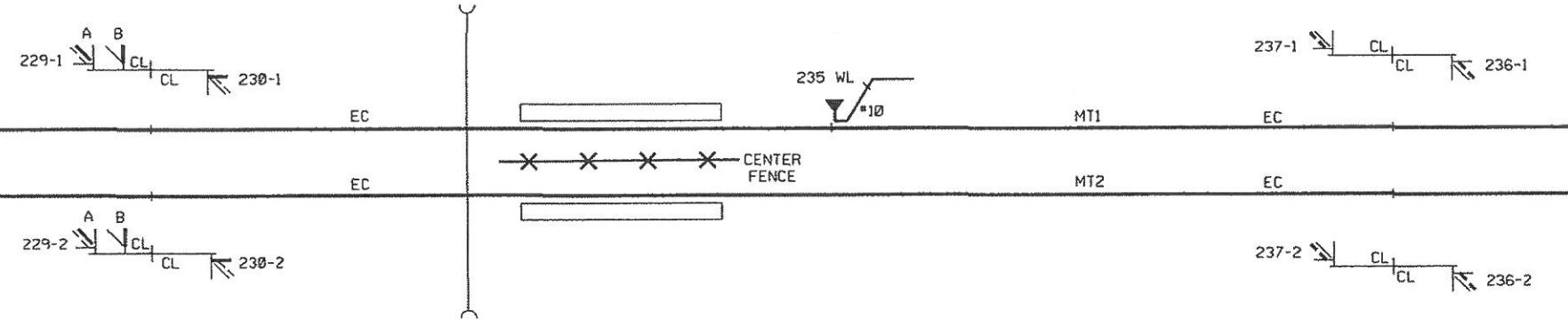


DESIGNED: 00-00-00 BY: XORAIL/XXX FILE JPBXXX WD NO.: XXXX ASBUILT IN SVC. DATE 00-00-00 CORRECTED: 02-02-10 BY: XORAIL/ASP	DESIGNED BY Z. A. ETKIN	 2890 NORTH MAIN STREET, SUITE 306 WALNUT CREEK, CA 94597 PH. NO.: (925) 986-8867 FAX NO.: (925) 986-9843 WWW.XORAIL.COM	 1250 San Carlos Avenue San Carlos, CA 94070	DEPUTY DIRECTOR S. CHAO	PENINSULA CORRIDOR JOINT POWERS BOARD	DESIGN DATE: 02-02-10	REVISION DATE: 02-02-10
	DRAWN BY A. B. POSADAS			MANAGER OF CAS D. OBEDOZA		DESIGNED BY: XORAIL	MAINTENANCE DRAWING
APPROVED BY R. STEVENS	CHECKED BY R. STEVENS	JPB SIGNAL DRAWINGS LAYOUT VOLUME SAN FRANCISCO TO SAN JOSE PN 21.0-22.5	ADOPTED DATE: SCALE: 1" = 500'	DRAWING NO: PN21.0-22.5.M01	PAGE NO:		

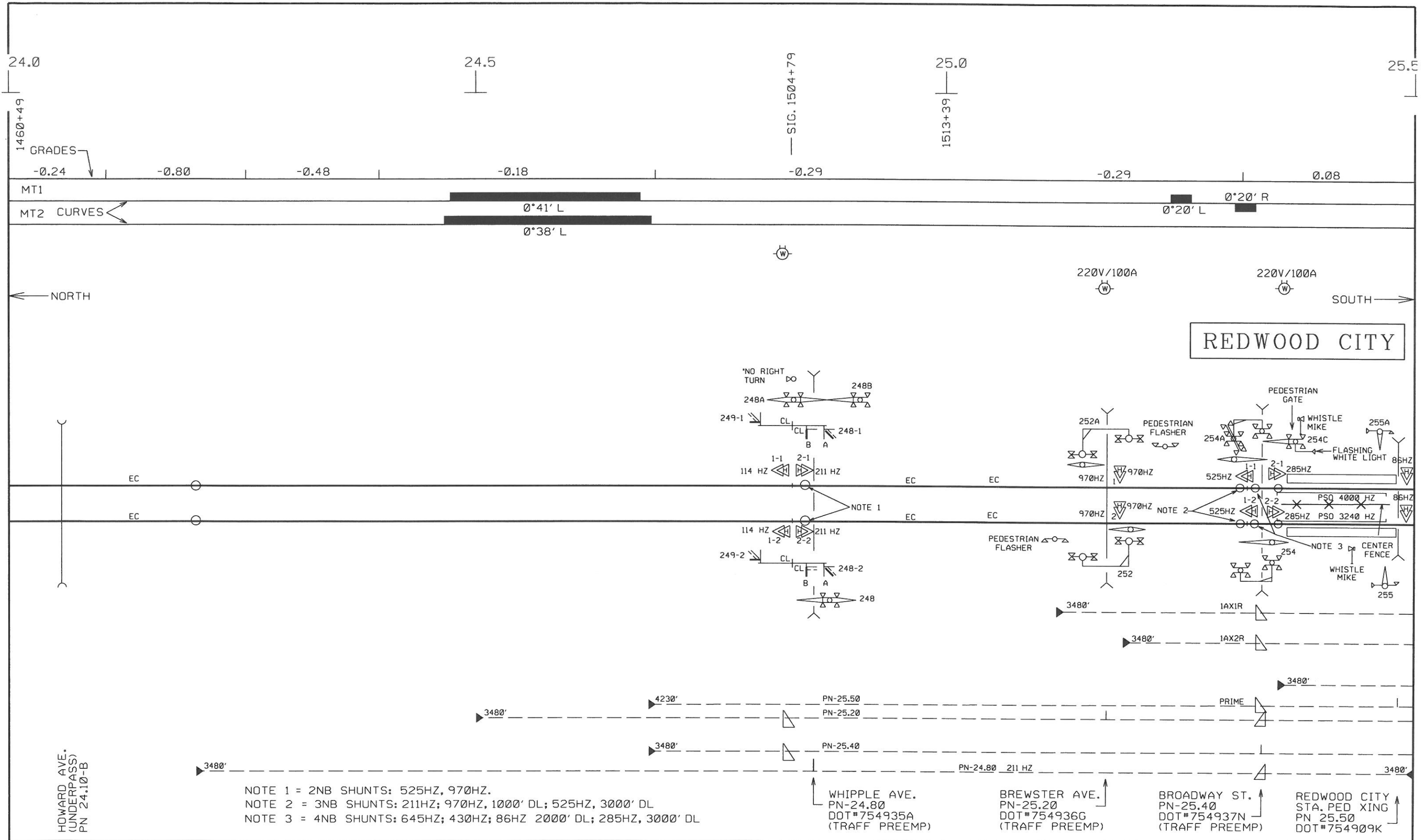


SAN CARLOS

NORTH ← SOUTH →



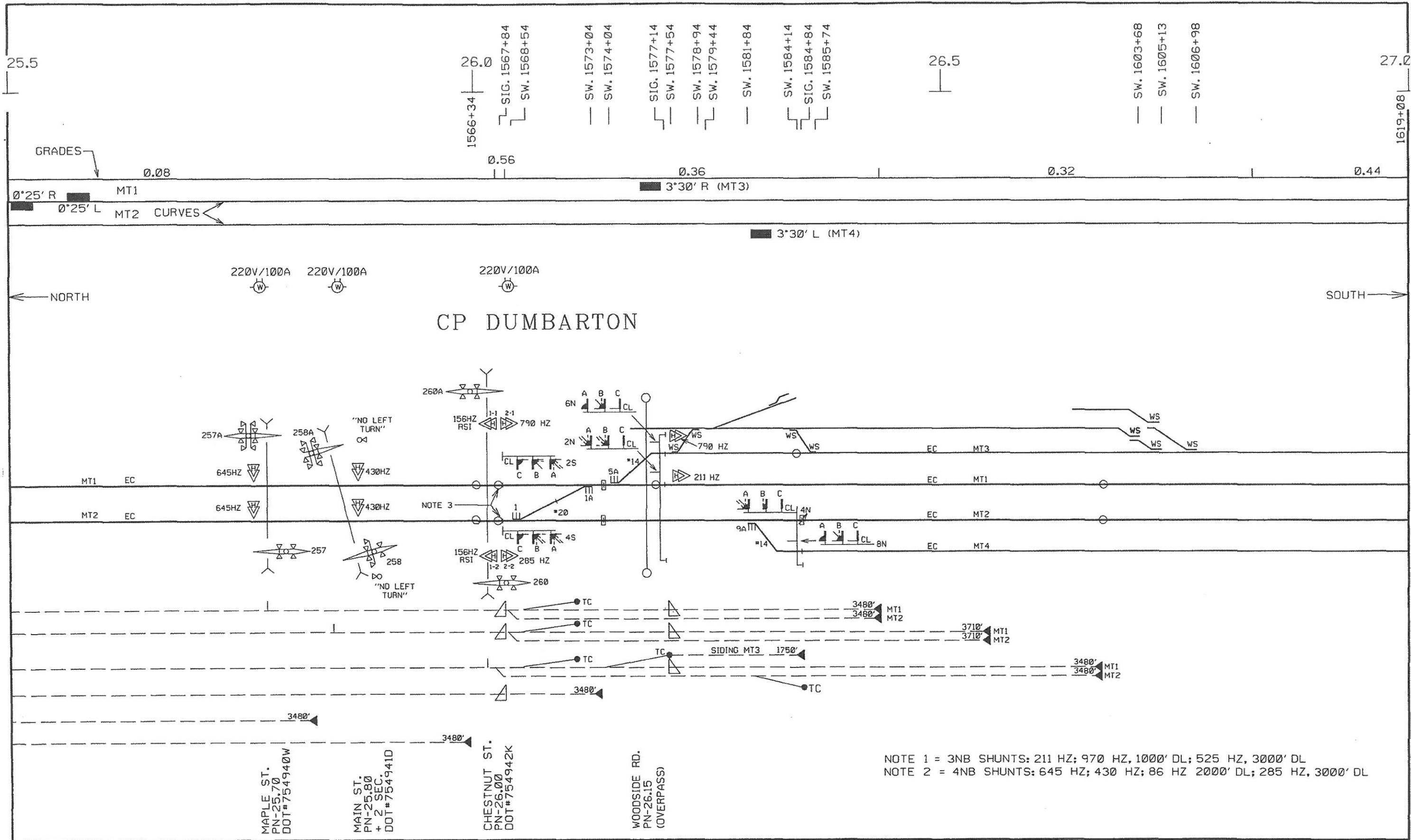
DESIGNED: 00-00-00 BY: XORAIL/XXX FILE JPBXXX WD NO.: XXXX ASBUILT IN SVC. DATE 00-00-00 CORRECTED: 06-26-07 BY: XORAIL/ABP	DESIGNED BY Z. A. ETKIN	2890 NORTH MAIN STREET, SUITE 306 WALNUT CREEK, CA 94597 PH. NO.: (925) 906-0867 FAX NO.: (925) 906-9843 WWW.XORAIL.COM	1250 San Carlos Avenue San Carlos, CA 94070	DEPUTY DIRECTOR S. CHAO	PENINSULA CORRIDOR JOINT POWERS BOARD	DESIGN DATE: 06-26-07	REVISION DATE: 06-26-07
	DRAWN BY A. B. POSADAS			MANAGER OF CAS D. OBEDOZA		JPB SIGNAL DRAWINGS LAYOUT VOLUME SAN FRANCISCO TO SAN JOSE PN 22.5-24.00	
	CHECKED BY R. STEVENS			DESIGNED BY: XORAIL		ADOPTED DATE: PN22.5-24.0.M01	SCALE: 1" = 500'
	APPROVED BY R. STEVENS			CHECKED BY:		DRAWING NO:	PAGE NO:



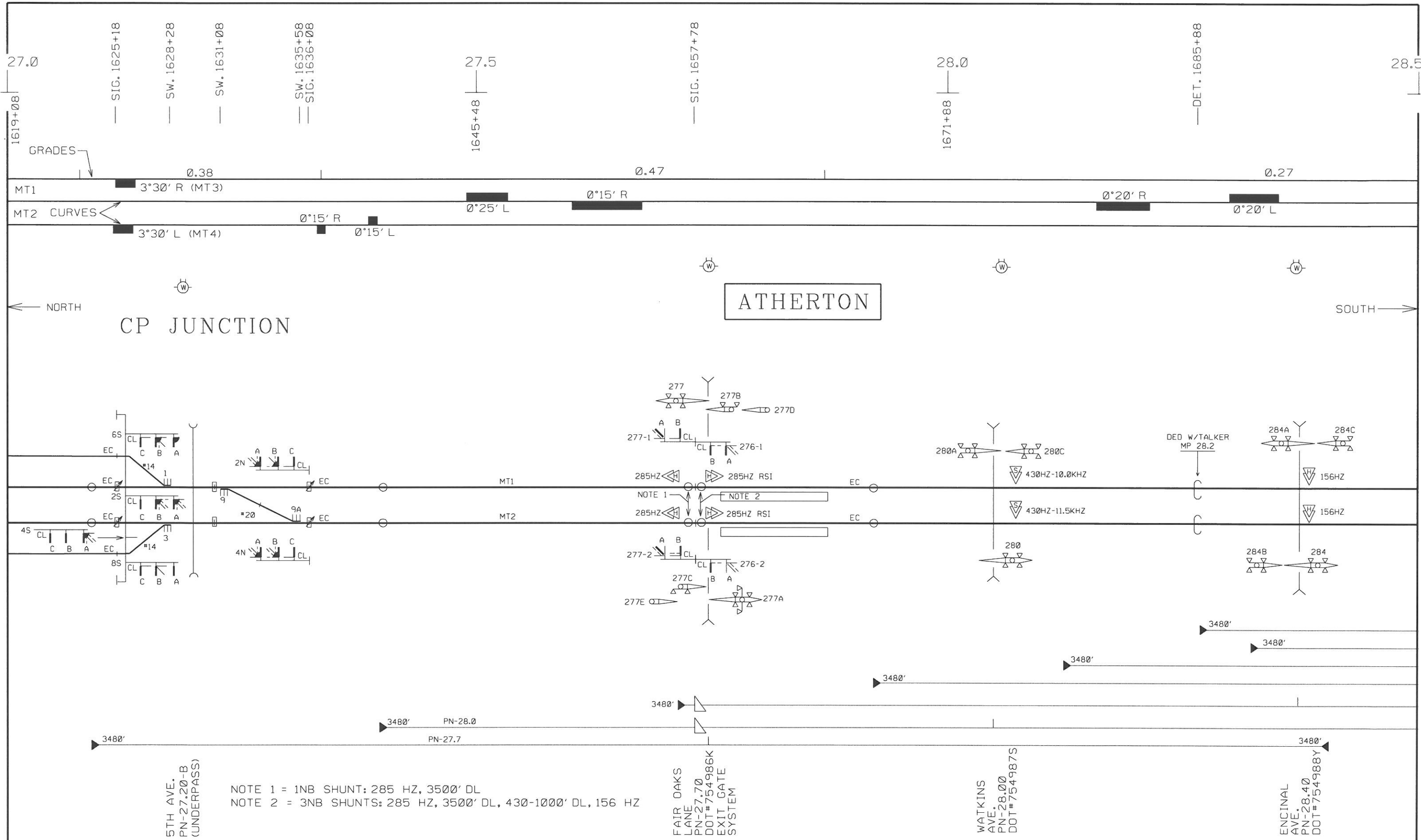
NOTE 1 = 2NB SHUNTS: 525HZ, 970HZ.
 NOTE 2 = 3NB SHUNTS: 211HZ; 970HZ, 1000' DL; 525HZ, 3000' DL
 NOTE 3 = 4NB SHUNTS: 645HZ; 430HZ; 86HZ 2000' DL; 285HZ, 3000' DL

HOWARD AVE.
 (UNDERPASS)
 PN 24.10-B

DESIGNED: 00-00-00 BY: XORAIL/XXX FILE JPB11-28801 WD NO.: 6169 PREEMPTION ON LINE PLANS AIS ASBUILT	DESIGNED: 00-00-00 BY: XORAIL/XXX FILE JPB11-28801 WD NO.: 6169 TRAFFIC PREEMPTION SHOWN ASBUILT	DESIGNED: 00-00-00 BY: XORAIL/XXX FILE JPBXXX WD NO.: XXXX ASBUILT	DESIGNED BY Z. A. ETKIN DRAWN BY A. B. POSADAS CHECKED BY R. STEVENS APPROVED BY R. STEVENS	xorail 2890 NORTH MAIN STREET, SUITE 306 WALNUT CREEK, CA 94597 PH. NO.: (925) 906-0867 FAX NO.: (925) 906-9843 WWW.XORAIL.COM	Caltrain 1250 San Carlos Avenue San Carlos, CA 94078	DEPUTY DIRECTOR S. CHAO MANAGER OF C&S D. OBEDOZA DESIGNED BY: XORAIL CHECKED BY:	PENINSULA CORRIDOR JOINT POWERS BOARD JPB SIGNAL DRAWINGS LAYOUT VOLUME SAN FRANCISCO TO SAN JOSE PN 24.0-25.5	DESIGN DATE: 04-26-12	REVISION DATE: 04-26-12	
MAINTENANCE DRAWING								ADOPTED DATE:	SCALE: 1" : 500'	
IN SVC. DATE 00-00-00 CORRECTED: 04-26-12 BY: XORAIL/ABP								DRAWING NO: PN24.0-25.5.M01		PAGE NO:



DESIGNED: 00-00-00 BY: XORAIL/XXX FILE JPBXXX WD NO.: XXXX ASSUILT IN SVC. DATE 00-00-00 CORRECTED: 07-27-10 BY: XORAIL/ABP	DESIGNED BY Z. A. ETKIN	 2890 NORTH MAIN STREET, SUITE 306 WALNUT CREEK, CA 94597 PH. NO. (925) 986-0867 FAX NO. (925) 986-9843 WWW.XORAIL.COM	 1250 San Carlos Avenue San Carlos, CA 94070	DEPUTY DIRECTOR S. CHAO	PENINSULA CORRIDOR JOINT POWERS BOARD	DESIGN DATE: 07-27-10	REVISION DATE: 07-27-10
	DRAWN BY A. B. POSADAS			MANAGER OF CS D. OBEDOZA		JPB SIGNAL DRAWINGS LAYOUT VOLUME SAN FRANCISCO TO SAN JOSE PN 25.5-27.0	MAINTENANCE DRAWING
	CHECKED BY R. STEVENS			DESIGNED BY XORAIL		ADOPTED DATE: 	SCALE: 1" = 500'
	APPROVED BY R. STEVENS			CHECKED BY:		DRAWING NO: PN25.5-27.0.MD	PAGE NO:

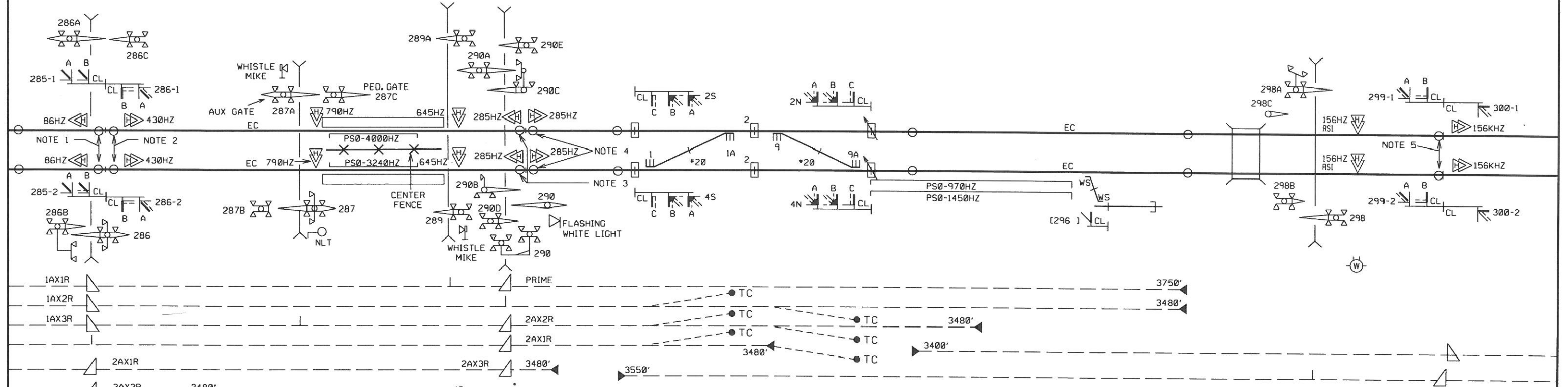
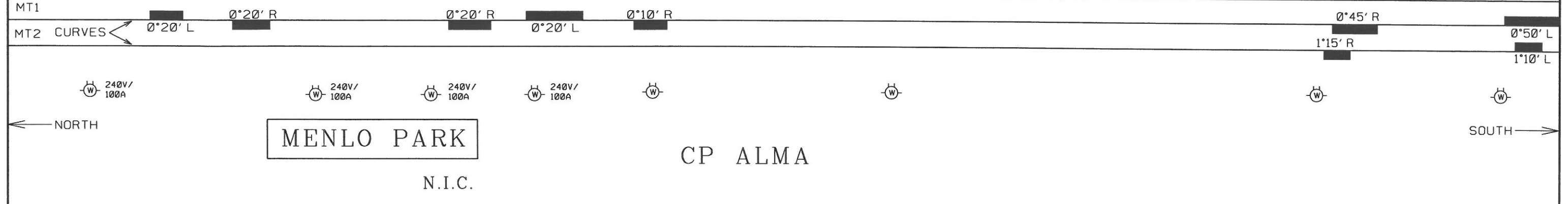
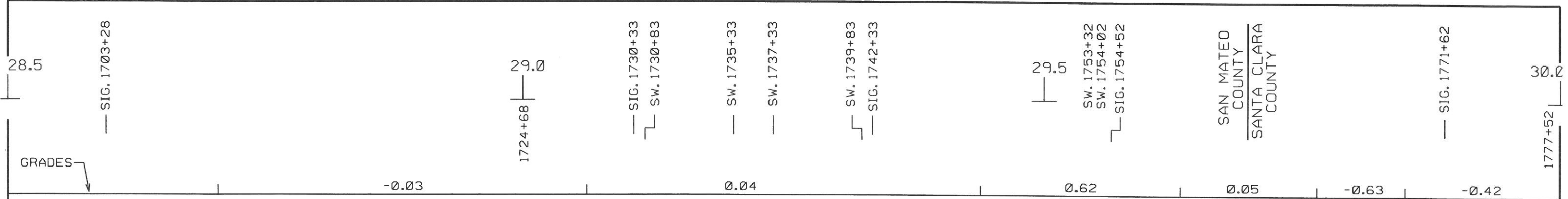


DESIGNED: 06-11-08 BY: HNTB/DMG FILE JPB07-19548 WD NO.: 4200 SAN MATED GRADE XING IMPROVEMENT ASBUILT	DESIGNED: 00-00-00 BY: XORAIL/XXX FILE JPBXXX WD NO.: XXXX FIELD AND CADD CORRECTIONS ASBUILT	DESIGNED: 00-00-00 BY: XORAIL/XXX FILE JPBXXX WD NO.: XXXX FIELD AND CADD CORRECTIONS ASBUILT
IN SVC. DATE 05-25-10 CORRECTED: 01-13-11 BY: XORAIL/ABP	IN SVC. DATE 00-00-00 CORRECTED: 10-29-10 BY: XORAIL/JDP	IN SVC. DATE 00-00-00 CORRECTED: 10-22-10 BY: XORAIL/ABP

DESIGNED BY Z. A. ETKIN	 2890 NORTH MAIN STREET, SUITE 306 WALNUT CREEK, CA 94597 PH. NO.: (925) 906-0867 FAX NO.: (925) 906-9843 WWW.XORAIL.COM
DRAWN BY A. B. POSADAS	
CHECKED BY R. STEVENS	
APPROVED BY R. STEVENS	

1250 San Carlos Avenue
 San Carlos, CA 94078

DEPUTY DIRECTOR S. CHAO	PENINSULA CORRIDOR JOINT POWERS BOARD JPB SIGNAL DRAWINGS LAYOUT VOLUME SAN FRANCISCO TO SAN JOSE PN 27.0-28.5	DESIGN DATE:	REVISION DATE: 01-13-11
MANAGER OF CAS D. OBEDOZA		ADOPTED DATE:	SCALE: 1" = 500'
DESIGNED BY: XORAIL		DRAWING NO: PN27.0-28.5.M01	PAGE NO:
CHECKED BY:			



GLENWOOD AVE. PN-28.60 DOT #754989F
 OAK GROVE AVE. PN-28.70 DOT#754990A
 MENLO PARK PEDESTRIAN XING PN-28.90 DOT#922720P
 RAVENSWOOD AVE. PN-29.00 DOT#754991G
 ALMA ST. PN-29.80 DOT#754992N

NOTE 1 = 2NB SHUNTS: 430HZ, 156HZ-2000' DL
 NOTE 2 = 3NB SHUNTS: 285HZ, 645HZ, 790HZ
 NOTE 3 = 3NB SHUNTS: 430HZ, 790HZ, 645HZ-1000' DL
 NOTE 4 = 1NB SHUNT: 285HZ-3500' DL
 NOTE 5 = 1NB SHUNT: 156HZ-2800' DL

DESIGNED: 08-10-09 BY: HNTB/JS
 FILE JPB10-26165
 WD NO.: 5613
 VTA SANTA CLARA CALTRAIN
 SAFETY IMPROVEMENT PROJECT
 ASBUILT
 IN SVC. DATE 09-09-11
 CORRECTED: 10-10-11 BY: XORAIL/ABP

DESIGNED: 06-11-08 BY: HNTB/DMG
 FILE JPB07-19548
 WD NO.: 4200
 SAN MATEO GRADE XING IMPROVEMENT
 ASBUILT
 IN SVC. DATE 05-25-10
 CORRECTED: 01-13-11 BY: XORAIL/ABP

DESIGNED: 00-00-00 BY: XORAIL/XXX
 FILE JPBXXX
 WD NO.: XXXX
 FIELD AND CADD CORRECTIONS
 ASBUILT
 IN SVC. DATE 00-00-00
 CORRECTED: 10-22-10 BY: XORAIL/ABP

DESIGNED BY
Z. A. ETKIN
 DRAWN BY
A. B. POSADAS
 CHECKED BY
R. STEVENS
 APPROVED BY
R. STEVENS

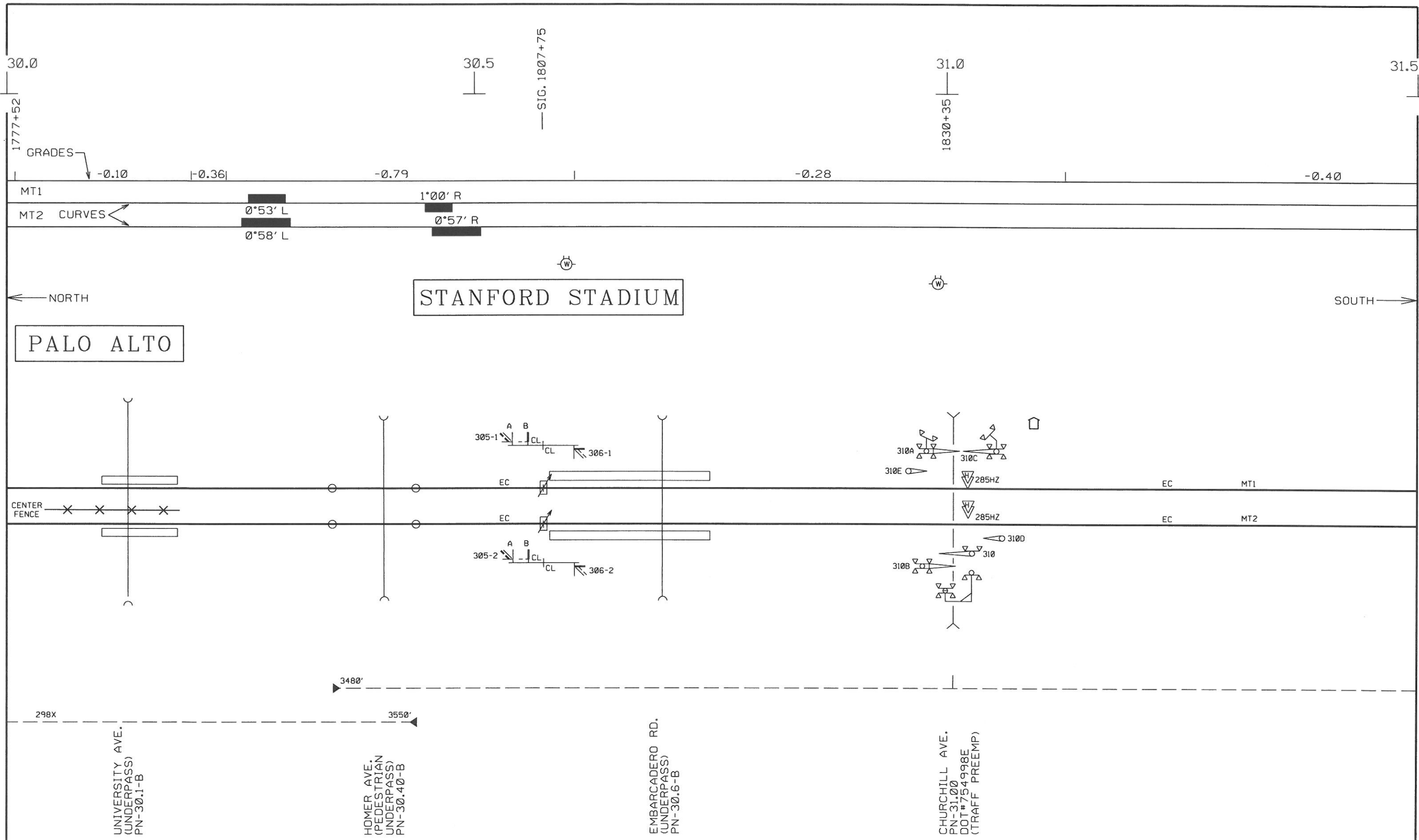

 2890 NORTH MAIN STREET, SUITE 306
 WALNUT CREEK, CA 94597
 PH. NO.: (925) 906-0867
 FAX NO.: (925) 906-9843
 WWW.XORAIL.COM


 1250 San Carlos Avenue
 San Carlos, CA 94070

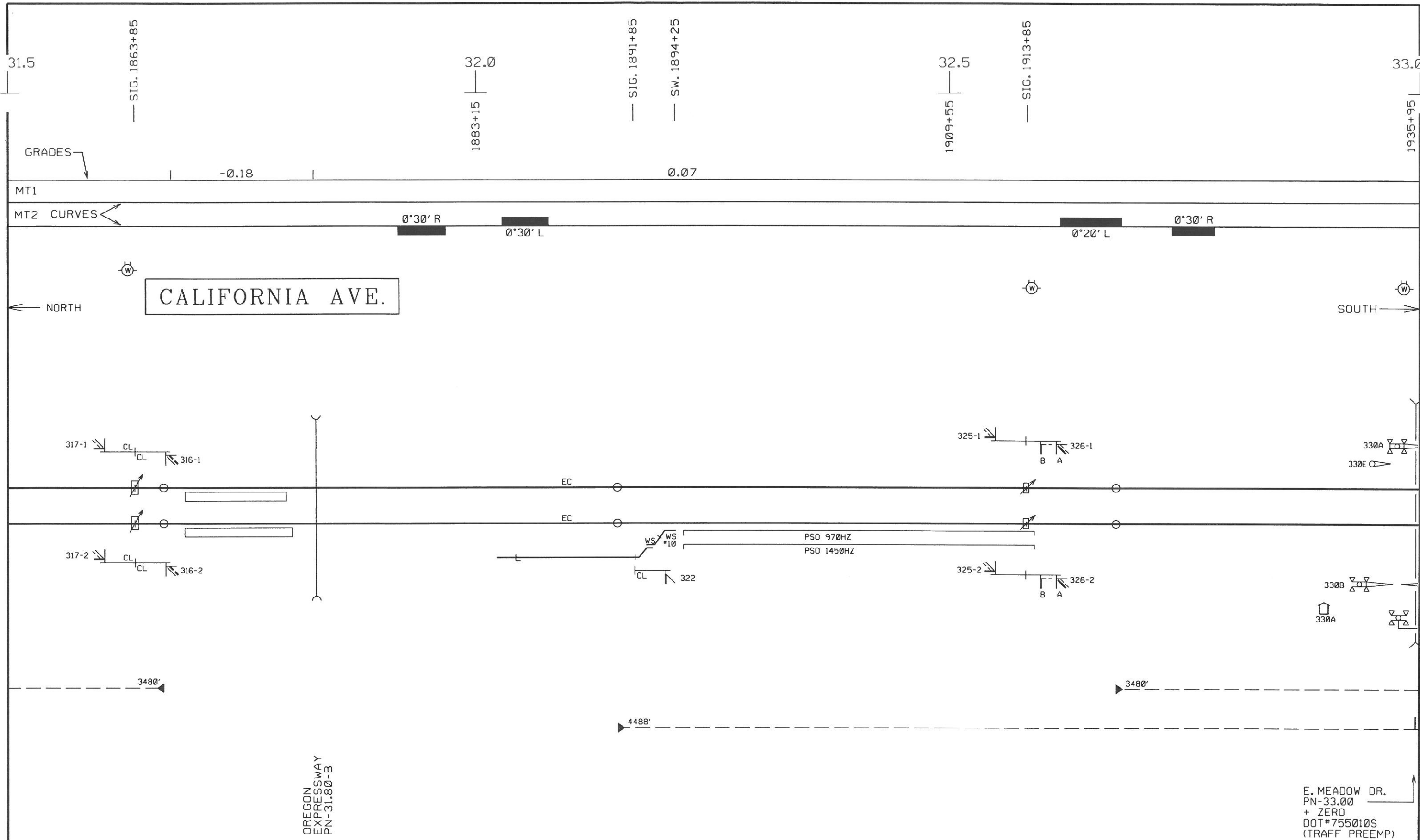
DEPUTY DIRECTOR
S. CHAO
 MANAGER OF CAS
M. JOHNSON
 DESIGNED BY:
XORAIL
 CHECKED BY:

PENINSULA CORRIDOR JOINT POWERS BOARD
 JPB SIGNAL DRAWINGS
 LAYOUT VOLUME
 SAN FRANCISCO TO SAN JOSE
 PN 28.5-30.0

DESIGN DATE:	REVISION DATE:
MAINTENANCE DRAWING	10-10-11
ADOPTED DATE:	SCALE:
DRAWING NO.:	PAGE NO.:
PN28.5-30.0.M01	1" : 500'



DESIGNED: 00-00-00 BY: XORAIL/XXX FILE JPB11-28801 WD NO.: 6169 PREEMPTION ON LINE PLANS AIS ASBUILT	DESIGNED: 08-10-09 BY: HNTB/JS FILE JPB10-26165 WD NO.: 5613 VTA SANTA CLARA CALTRAIN SAFETY IMPROVEMENT PROJECT ASBUILT	DESIGNED: 00-00-00 BY: XORAIL/XXX FILE JPBXXX WD NO.: XXXX ASBUILT	DESIGNED BY Z. A. ETKIN DRAWN BY A. B. POSADAS CHECKED BY R. STEVENS APPROVED BY R. STEVENS	xorail 2890 NORTH MAIN STREET, SUITE 306 WALNUT CREEK, CA 94597 PH. NO.: (925) 906-0867 FAX NO.: (925) 906-9843 WWW.XORAIL.COM	Caltrain 1250 San Carlos Avenue San Carlos, CA 94078	DEPUTY DIRECTOR S. CHAO MANAGER OF CAS M. JOHNSON DESIGNED BY: XORAIL CHECKED BY:	PENINSULA CORRIDOR JOINT POWERS BOARD JPB SIGNAL DRAWINGS LAYOUT VOLUME SAN FRANCISCO TO SAN JOSE PN 30.0-31.5	DESIGN DATE: REVISION DATE: 04-26-12	MAINTENANCE DRAWING ADOPTED DATE: SCALE: 1" : 500'	DRAWING NO: PN30.0-31.5.M01 PAGE NO:
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DESIGNED: 00-00-00 BY: XORAIL/XXX FILE JPB11-28001 WD NO.: 6169 PREEMPTION ON LINE PLANS AIS ASBUILT	DESIGNED: 08-10-09 BY: HNTB/JS FILE JPB10-26165 WD NO.: 5613 VTA SANTA CLARA CALTRAIN SAFETY IMPROVEMENT PROJECT ASBUILT	DESIGNED: 00-00-00 BY: XORAIL/XXX FILE JPBXXX WD NO.: XXXX ASBUILT
IN SVC. DATE 00-00-00 CORRECTED: 04-26-12 BY: XORAIL/ABP	IN SVC. DATE 09-09-11 CORRECTED: 10-10-11 BY: XORAIL/ABP	IN SVC. DATE 00-00-00 CORRECTED: 06-23-10 BY: XORAIL/ABP

DESIGNED BY Z. A. ETKIN
DRAWN BY A. B. POSADAS
CHECKED BY R. STEVENS
APPROVED BY R. STEVENS

xorail
2890 NORTH MAIN STREET, SUITE 306
WALNUT CREEK, CA 94597
PH. NO.: (925) 906-0867
FAX NO.: (925) 906-9843
WWW.XORAIL.COM

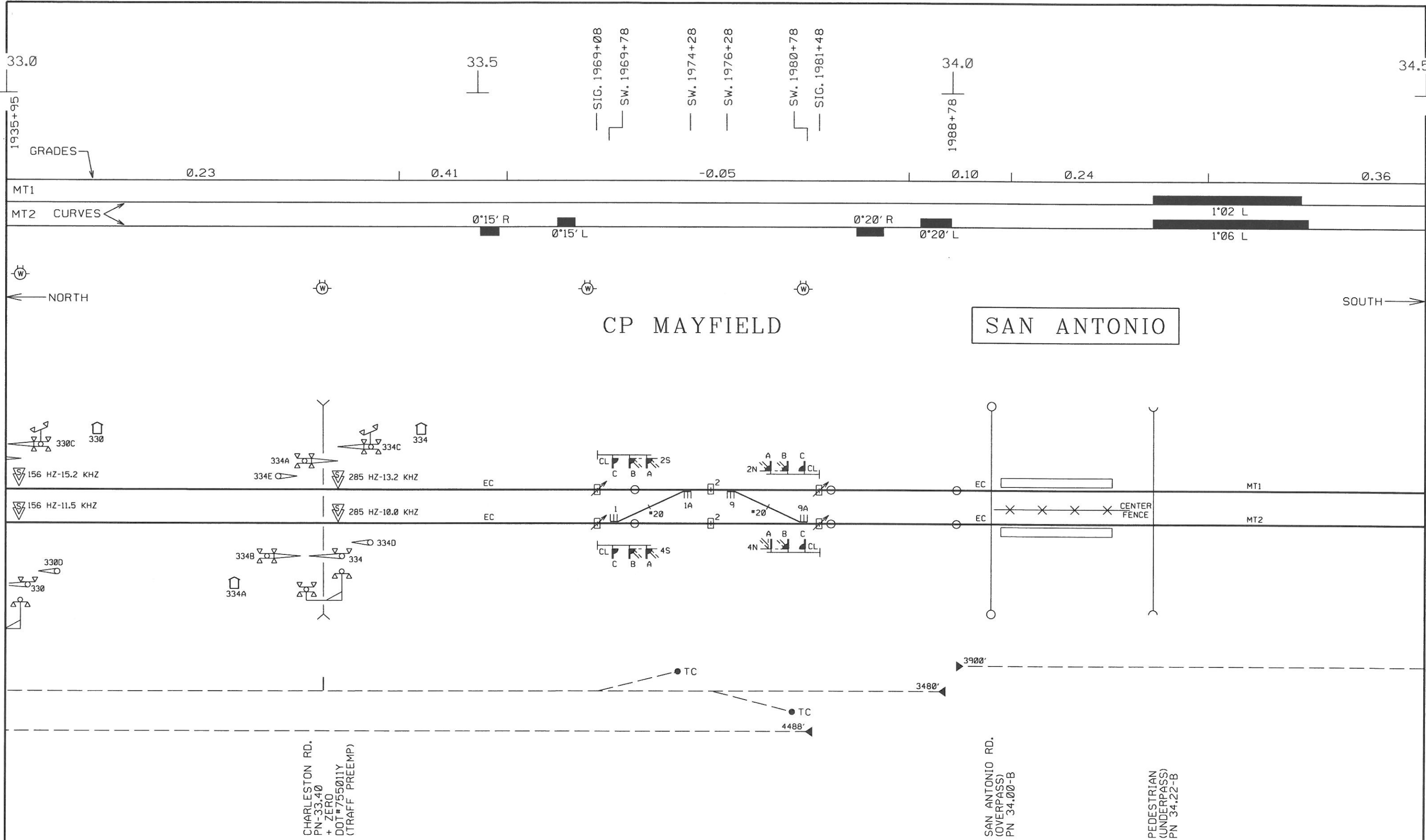
Caltrain
1250 San Carlos Avenue
San Carlos, CA 94070

DEPUTY DIRECTOR S. CHAO
MANAGER OF CAS M. JOHNSON
DESIGNED BY: XORAIL
CHECKED BY:

PENINSULA CORRIDOR JOINT POWERS BOARD

JPB SIGNAL DRAWINGS
LAYOUT VOLUME
SAN FRANCISCO TO SAN JOSE
PN 31.5-33.0

DESIGN DATE: 04-26-12	REVISION DATE: 04-26-12
ADOPTED DATE:	SCALE: 1" : 500'
DRAWING NO: PN31.5-33.0.M01	PAGE NO:



DESIGNED: 00-00-00 BY: XORAIL/XXX
 FILE JPB11-28801
 WD NO.: 6169
 PREEMPTION ON LINE PLANS AIS
 ASBUILT
 IN SVC. DATE 00-00-00
 CORRECTED: 04-26-12 BY: XORAIL/ABP

DESIGNED: 08-10-09 BY: HNTB/JS
 FILE JPB10-26165
 WD NO.: 5613
 VTA SANTA CLARA CALTRAIN
 SAFETY IMPROVEMENT PROJECT
 ASBUILT
 IN SVC. DATE 09-09-11
 CORRECTED: 10-10-11 BY: XORAIL/ABP

DESIGNED: 00-00-00 BY: XORAIL/XXX
 FILE JPBXXX
 WD NO.: XXXX
 ASBUILT
 IN SVC. DATE 00-00-00
 CORRECTED: 06-23-10 BY: XORAIL/ABP

DESIGNED BY
Z. A. ETKIN
 DRAWN BY
A. B. POSADAS
 CHECKED BY
R. STEVENS
 APPROVED BY
R. STEVENS

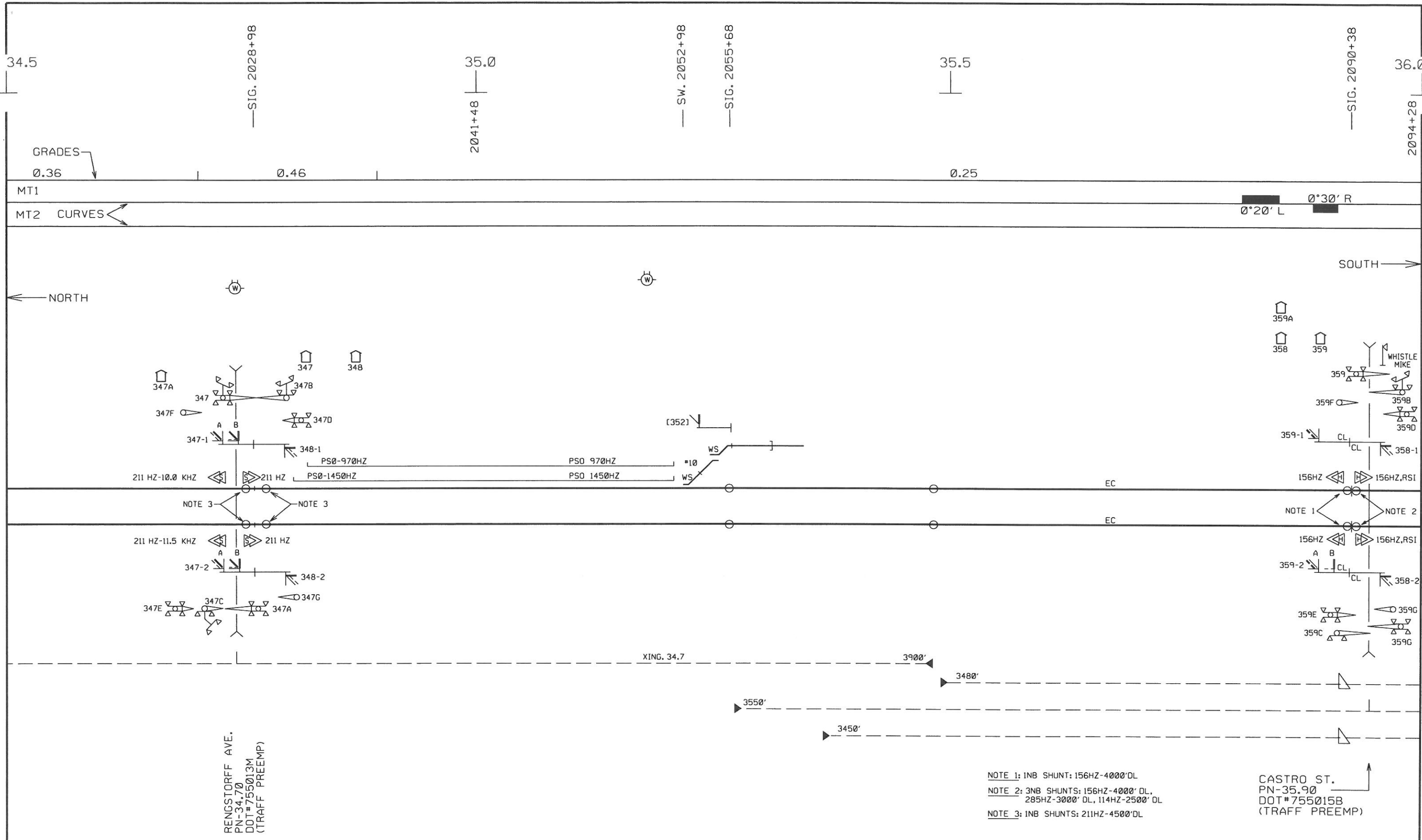
xorail
 2890 NORTH MAIN STREET, SUITE 306
 WALNUT CREEK, CA 94597
 PH. NO.: (925) 906-0867
 FAX NO.: (925) 906-9843
 WWW.XORAIL.COM

Caltrain
 1250 San Carlos Avenue
 San Carlos, CA 94070

DEPUTY DIRECTOR
S. CHAO
 MANAGER OF CAS
M. JOHNSON
 DESIGNED BY:
XORAIL
 CHECKED BY:

PENINSULA CORRIDOR JOINT POWERS BOARD
 JPB SIGNAL DRAWINGS
 LAYOUT VOLUME
 SAN FRANCISCO TO SAN JOSE
 PN 33.0-34.5

DESIGN DATE:	REVISION DATE:
ADOPTED DATE:	SCALE:
DRAWING NO:	PAGE NO:
04-26-12	1" : 500'
PN33.0-34.5.M0	

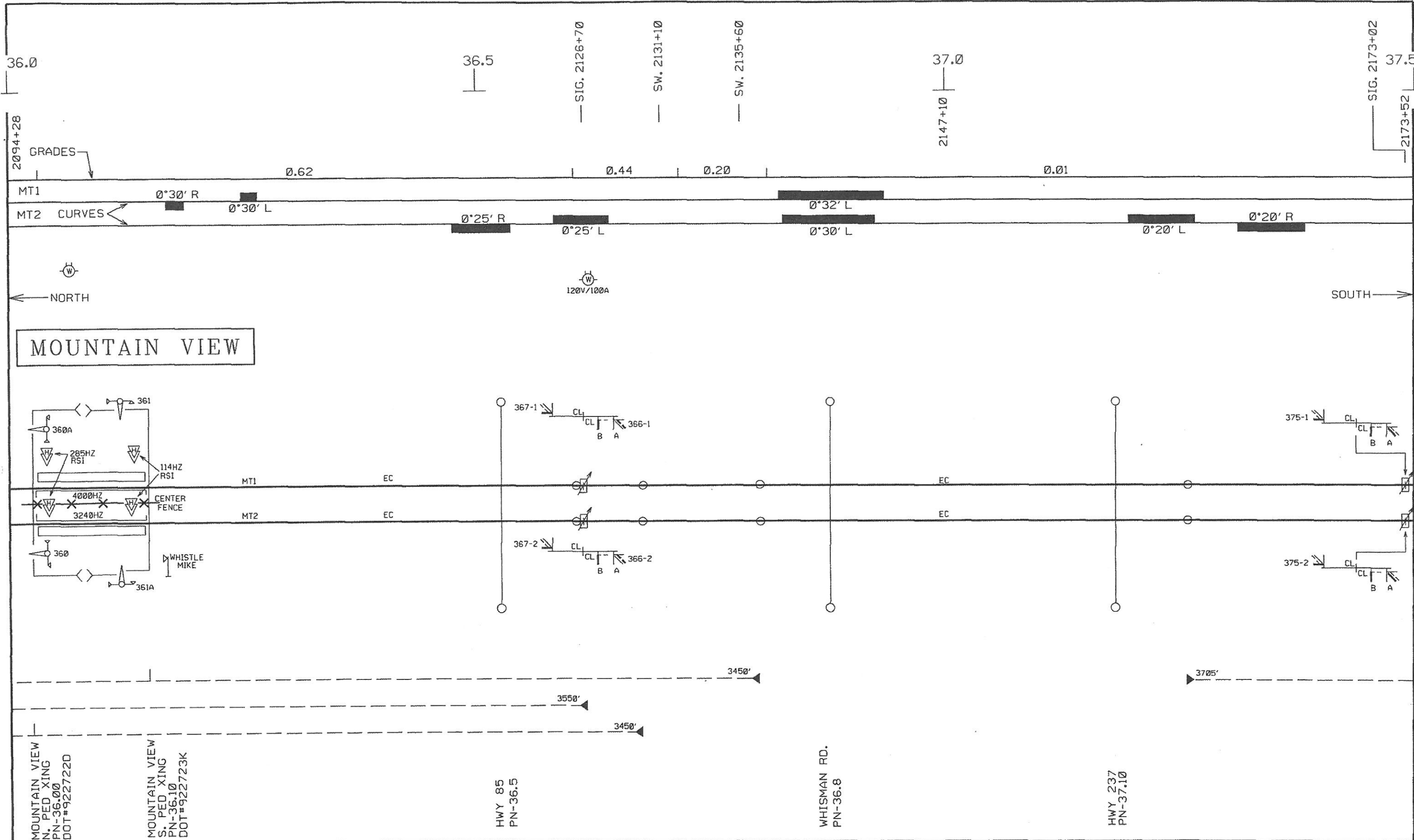


RENGSTORFF AVE.
 PN-34.70
 DOT#755013M
 (TRAFF PREEMP)

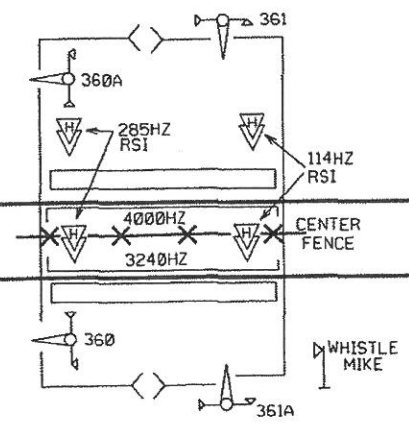
NOTE 1: INB SHUNTS: 156HZ-4000'DL
 NOTE 2: 3NB SHUNTS: 156HZ-4000'DL,
 285HZ-3000'DL, 114HZ-2500'DL
 NOTE 3: INB SHUNTS: 211HZ-4500'DL

CASTRO ST.
 PN-35.90
 DOT#755015B
 (TRAFF PREEMP)

DESIGNED: 00-00-00 BY: XORAIL/XXX FILE JPB11-28801 WD NO.: 6169 PREEMPTION ON LINE PLANS AIS ASBUILT IN SVC. DATE 00-00-00 CORRECTED: 04-26-12 BY: XORAIL/ABP	DESIGNED: 08-10-09 BY: HNTB/JS FILE JPB10-26165 WD NO.: 5613 VTA SANTA CLARA CALTRAIN SAFETY IMPROVEMENT PROJECT ASBUILT IN SVC. DATE 09-09-11 CORRECTED: 10-10-11 BY: XORAIL/ABP	DESIGNED: 00-00-00 BY: XORAIL/XXX FILE JPBXXX WD NO.: XXXX ASBUILT IN SVC. DATE 00-00-00 CORRECTED: 02-02-10 BY: XORAIL/ABP	DESIGNED BY Z. A. ETKIN DRAWN BY A. B. POSADAS CHECKED BY R. STEVENS APPROVED BY R. STEVENS	<p>2890 NORTH MAIN STREET, SUITE 306 WALNUT CREEK, CA 94597 PH. NO.: (925) 906-0867 FAX NO.: (925) 906-9843 WWW.XORAIL.COM</p>	<p>1250 San Carlos Avenue San Carlos, CA 94070</p>	DEPUTY DIRECTOR S. CHAO MANAGER OF C&S M. JOHNSON DESIGNED BY: XORAIL CHECKED BY:	PENINSULA CORRIDOR JOINT POWERS BOARD JPB SIGNAL DRAWINGS LAYOUT VOLUME SAN FRANCISCO TO SAN JOSE PN 34.5-36.0	DESIGN DATE: REVISION DATE: 04-26-12 MAINTENANCE DRAWING ADOPTED DATE: SCALE: 1" : 500' DRAWING NO: PN34.5-36.0.M01 PAGE NO:
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MOUNTAIN VIEW



MOUNTAIN VIEW
N. PED XING
PN-36.00
DOT#922722D

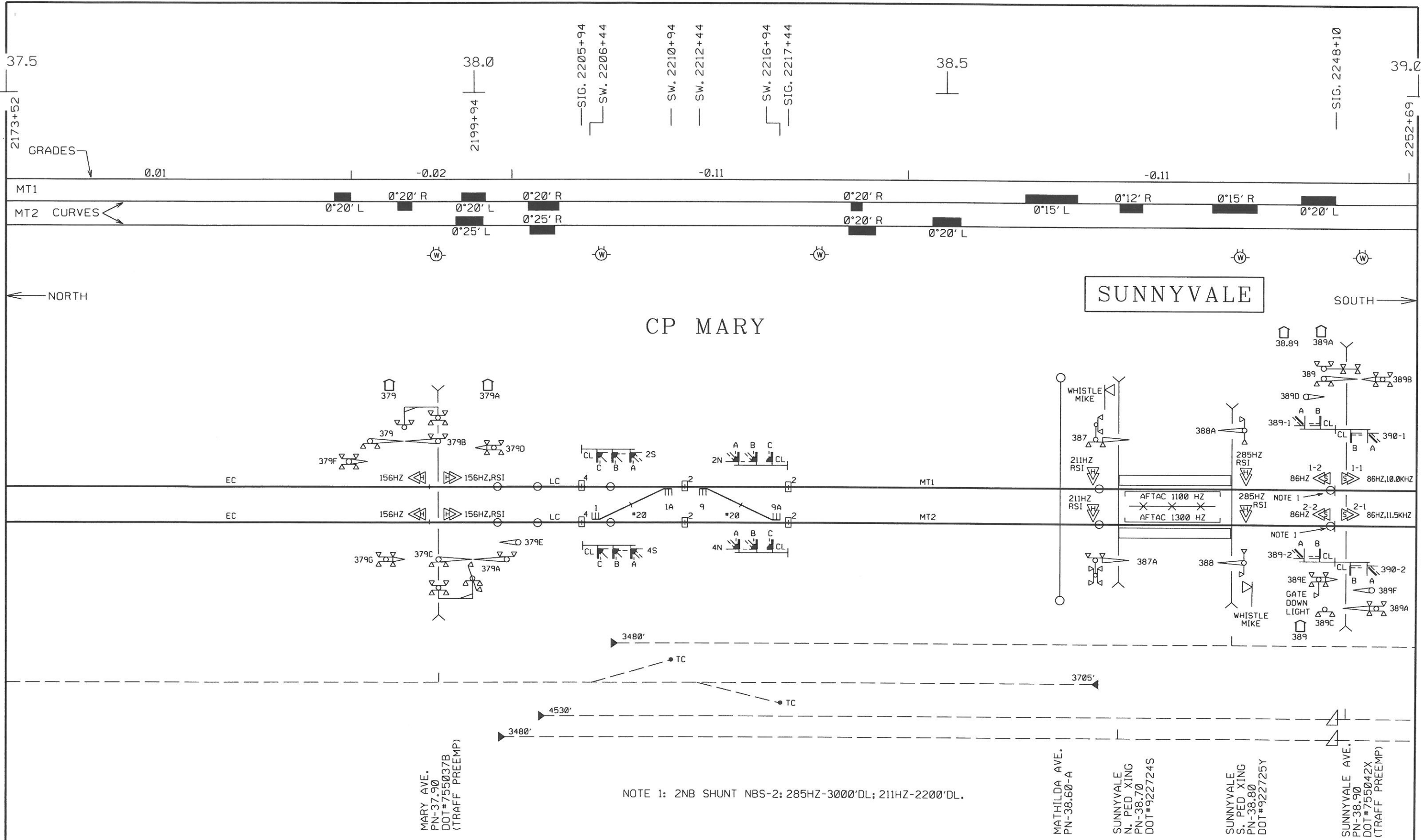
MOUNTAIN VIEW
S. PED XING
PN-36.10
DOT#922723K

HWY 85
PN-36.5

WHISMAN RD.
PN-36.8

HWY 237
PN-37.10

DESIGNED: 00-00-00 BY: XDRAIL/XXX FILE: JPBXXX WD NO.: XXXX ASBUILT IN SVC. DATE 00-00-00 CORRECTED: 02-02-10 BY: XDRAIL/ABP	DESIGNED BY Z. A. ETKIN	 2890 NORTH MAIN STREET, SUITE 306 WALNUT CREEK, CA 94597 PH. NO.: (925) 986-0867 FAX NO.: (925) 986-9843 WWW.XORAIL.COM	 1250 San Carlos Avenue San Carlos, CA 94078	DEPUTY DIRECTOR S. CHAO MANAGER OF CAS D. OBEDOZA DESIGNED BY: XORAIL CHECKED BY:	PENINSULA CORRIDOR JOINT POWERS BOARD JPB SIGNAL DRAWINGS LAYOUT VOLUME SAN FRANCISCO TO SAN JOSE PN 36.0-37.5	DESIGN DATE: 02-02-10	REVISION DATE: 02-02-10
	DRAWN BY A. B. POSADAS					MAINTENANCE DRAWING	ADOPED DATE:
	CHECKED BY R. STEVENS					DRAWING NO: PN36.0-37.5.M01	PAGE NO:
	APPROVED BY R. STEVENS						



DESIGNED: 00-00-00 BY: XORAIL/XXX
 FILE JPB11-28001
 WD NO.: 6169
 PREEMPTION ON LINE PLANS AIS
 ASBUILT
 IN SVC. DATE 00-00-00
 CORRECTED: 04-26-12 BY: XORAIL/ABP

DESIGNED: 08-10-09 BY: HNTB/JS
 FILE JPB10-26165
 WD NO.: 5613
 VTA SANTA CLARA CALTRAIN
 SAFETY IMPROVEMENT PROJECT
 ASBUILT
 IN SVC. DATE 09-09-11
 CORRECTED: 10-10-11 BY: XORAIL/ABP

DESIGNED: - - BY: XORAIL/
 FILE JPB10-26083
 WD NO.: 5751
 UPDATE CP MARY SIG. LAMP CONFIG
 ASBUILT
 IN SVC. DATE - -
 CORRECTED: 01-11-11 BY: XORAIL/ABP

DESIGNED BY
Z. A. ETKIN
 DRAWN BY
A. B. POSADAS
 CHECKED BY
R. STEVENS
 APPROVED BY
R. STEVENS

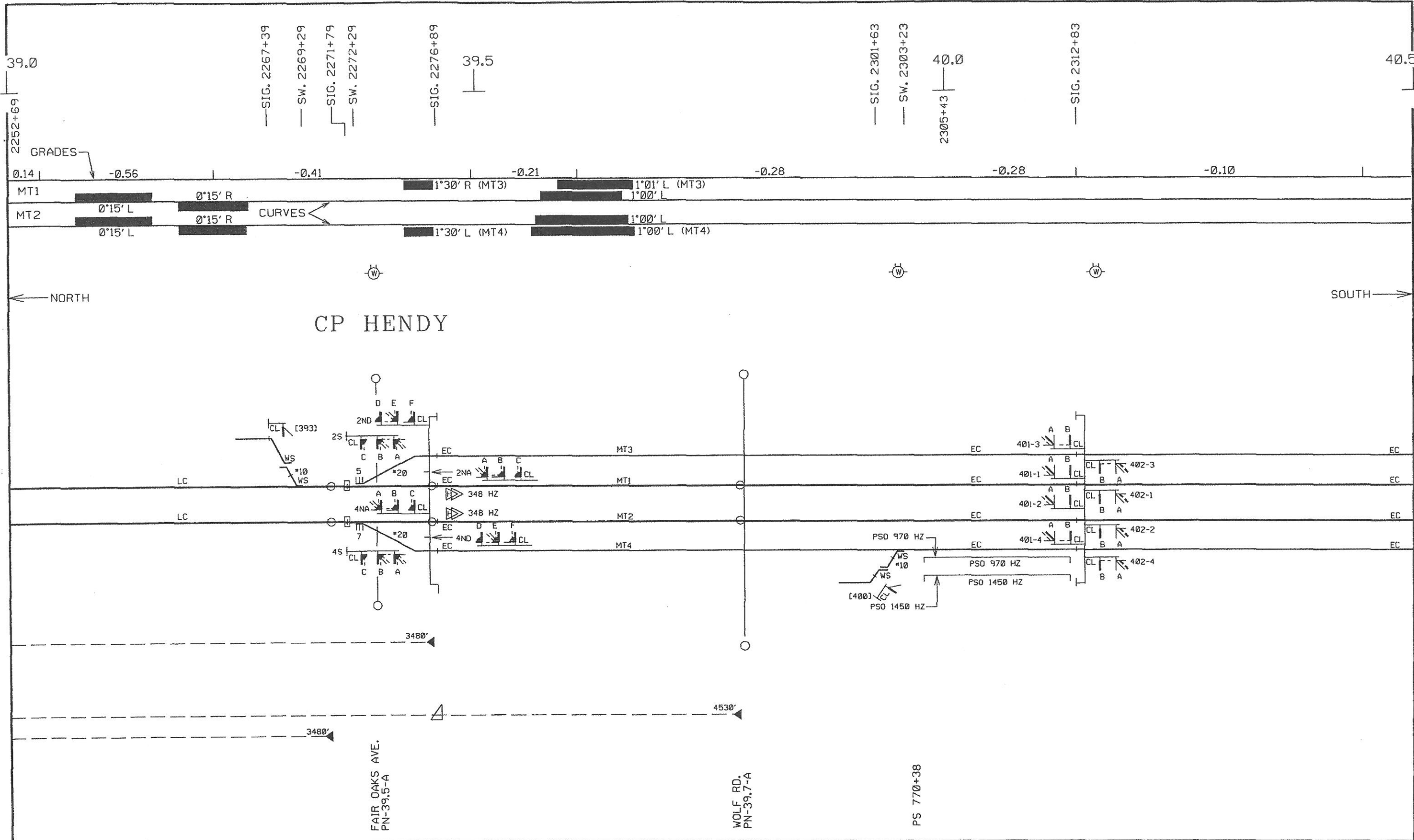
xorail
 2890 NORTH MAIN STREET, SUITE 306
 WALNUT CREEK, CA 94597
 PH. NO.: (925) 906-0867
 FAX NO.: (925) 906-9843
 WWW.XORAIL.COM

Caltrain
 1258 San Carlos Avenue
 San Carlos, CA 94078

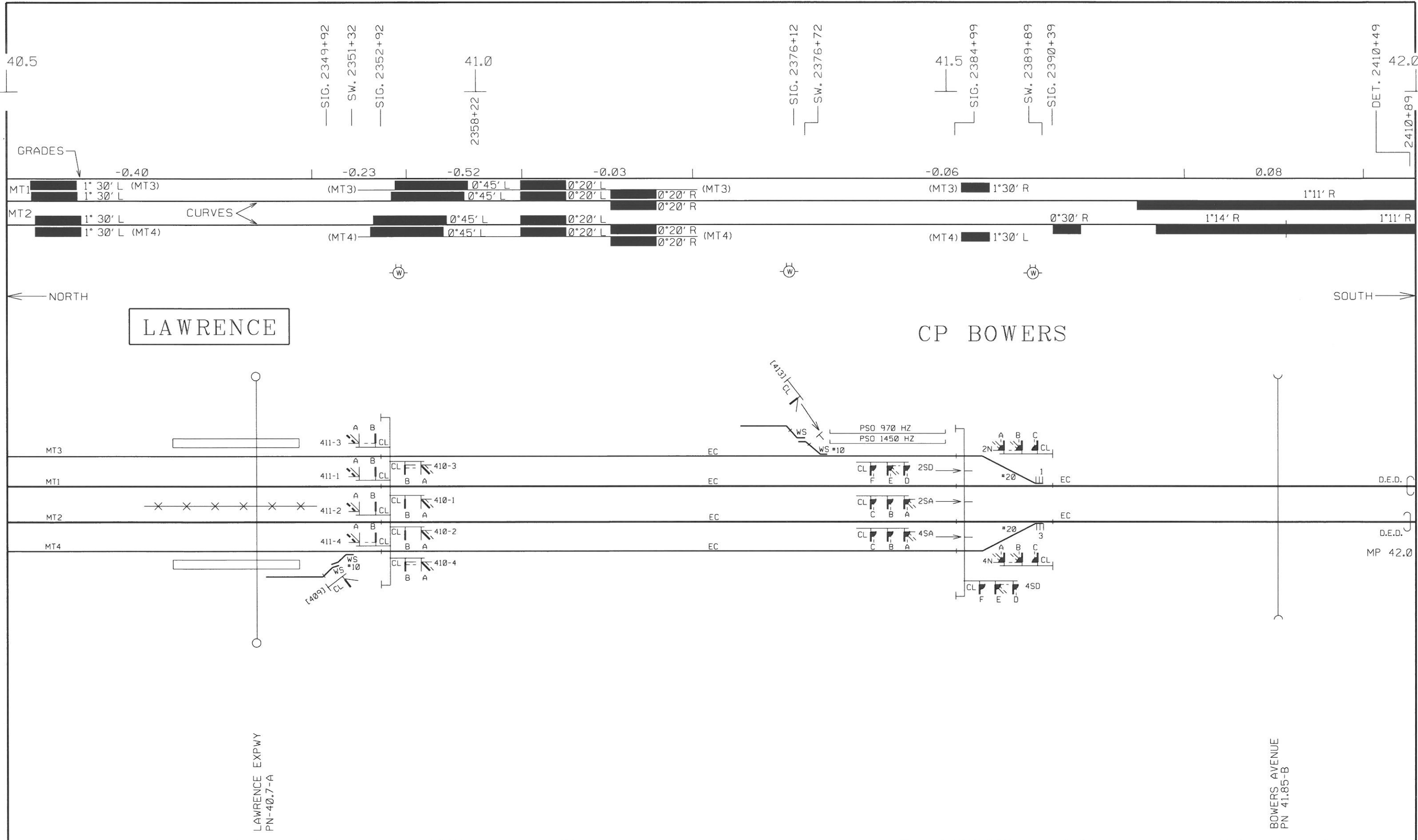
DEPUTY DIRECTOR
S. CHAO
 MANAGER OF CAS
M. JOHNSON
 DESIGNED BY:
XORAIL
 CHECKED BY:

PENINSULA CORRIDOR JOINT POWERS BOARD
 JPB SIGNAL DRAWINGS
 LAYOUT VOLUME
 SAN FRANCISCO TO SAN JOSE
 PN 37.5-39.0

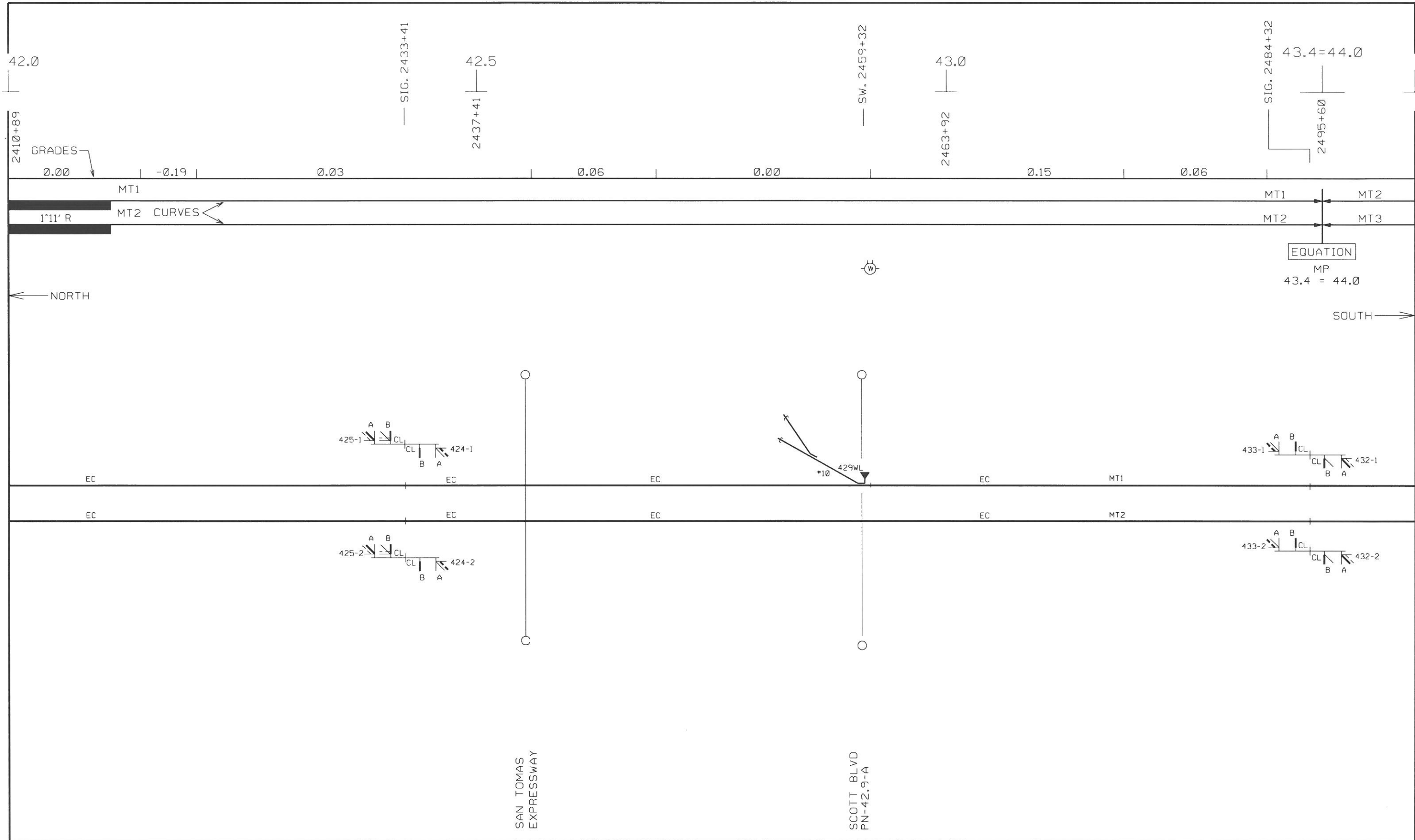
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	1" : 500'
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PN37.5-39.0.M0	





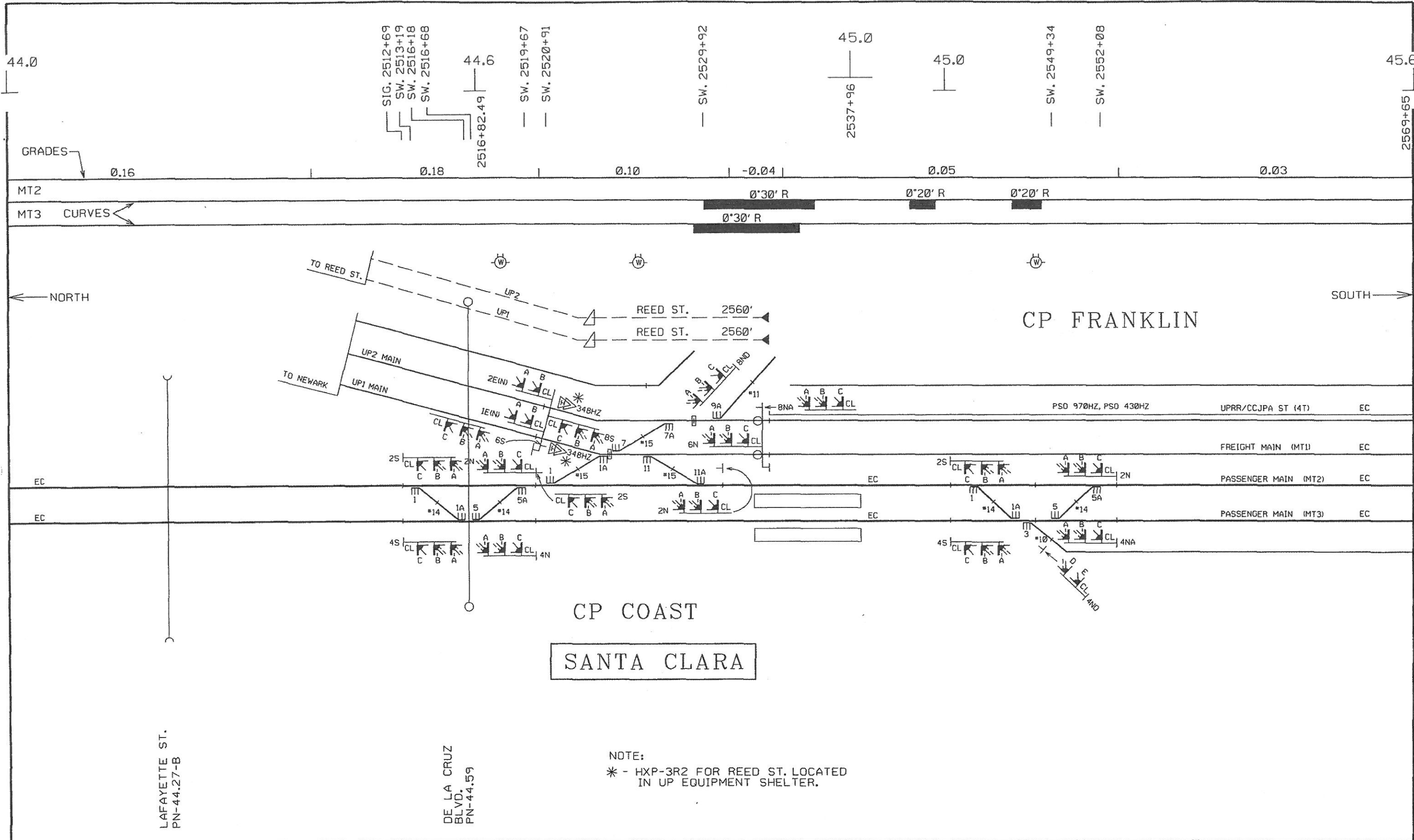
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	DRAWN BY A. B. POSADAS CHECKED BY R. STEVENS APPROVED BY R. STEVENS					MAINTENANCE DRAWING ADOPTED DATE: SCALE: 1" : 500' DRAWING NO: PN39.0-40.5.M01 PAGE NO:



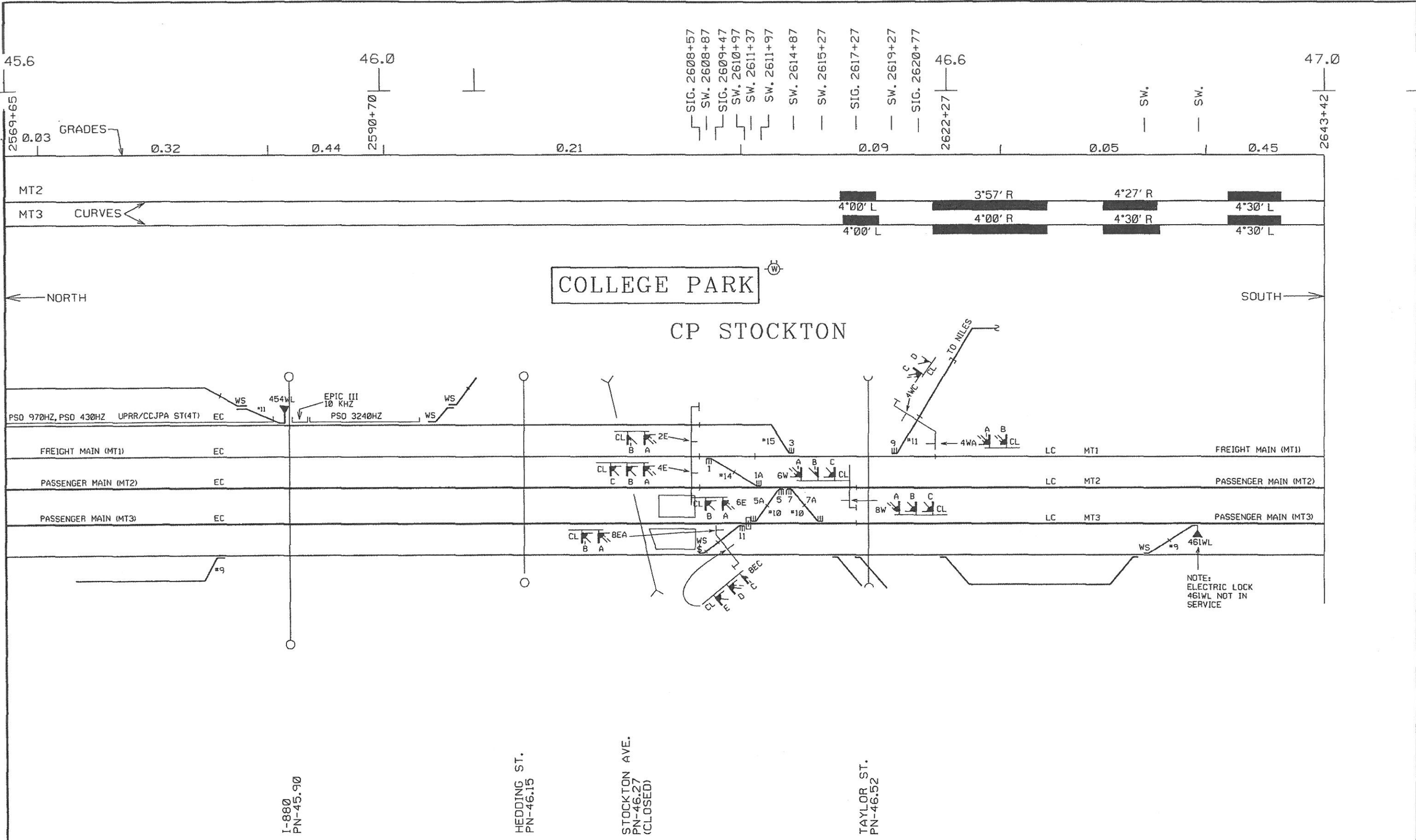
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	DRAWN BY A. B. POSADAS			MANAGER OF CAS D. OBEDOZA		JPB SIGNAL DRAWINGS LAYOUT VOLUME SAN FRANCISCO TO SAN JOSE PN 40.5-42.0	
CHECKED BY R. STEVENS	DESIGNED BY XORAIL			ADOPTED DATE: SCALE: 1" : 500'			
APPROVED BY R. STEVENS	CHECKED BY: (blank)			DRAWING NO: PN40.5-42.0.M01	PAGE NO: (blank)		



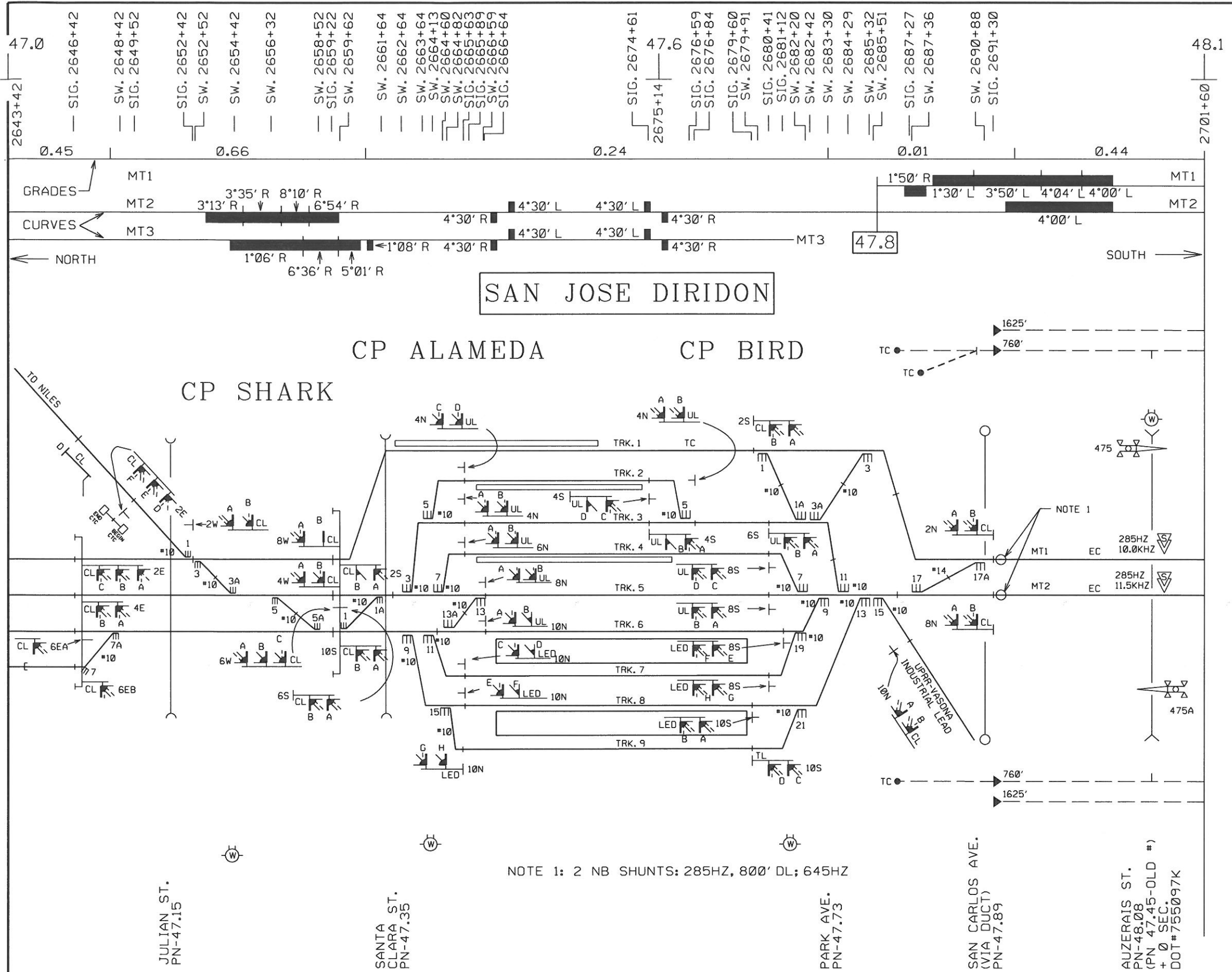
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	DRAWN BY A. B. POSADAS			MANAGER OF C&S D. OBEDOZA		MAINTENANCE DRAWING	
	CHECKED BY R. STEVENS			DESIGNED BY XORAIL		ADOPTED DATE: SCALE: 1" : 500'	
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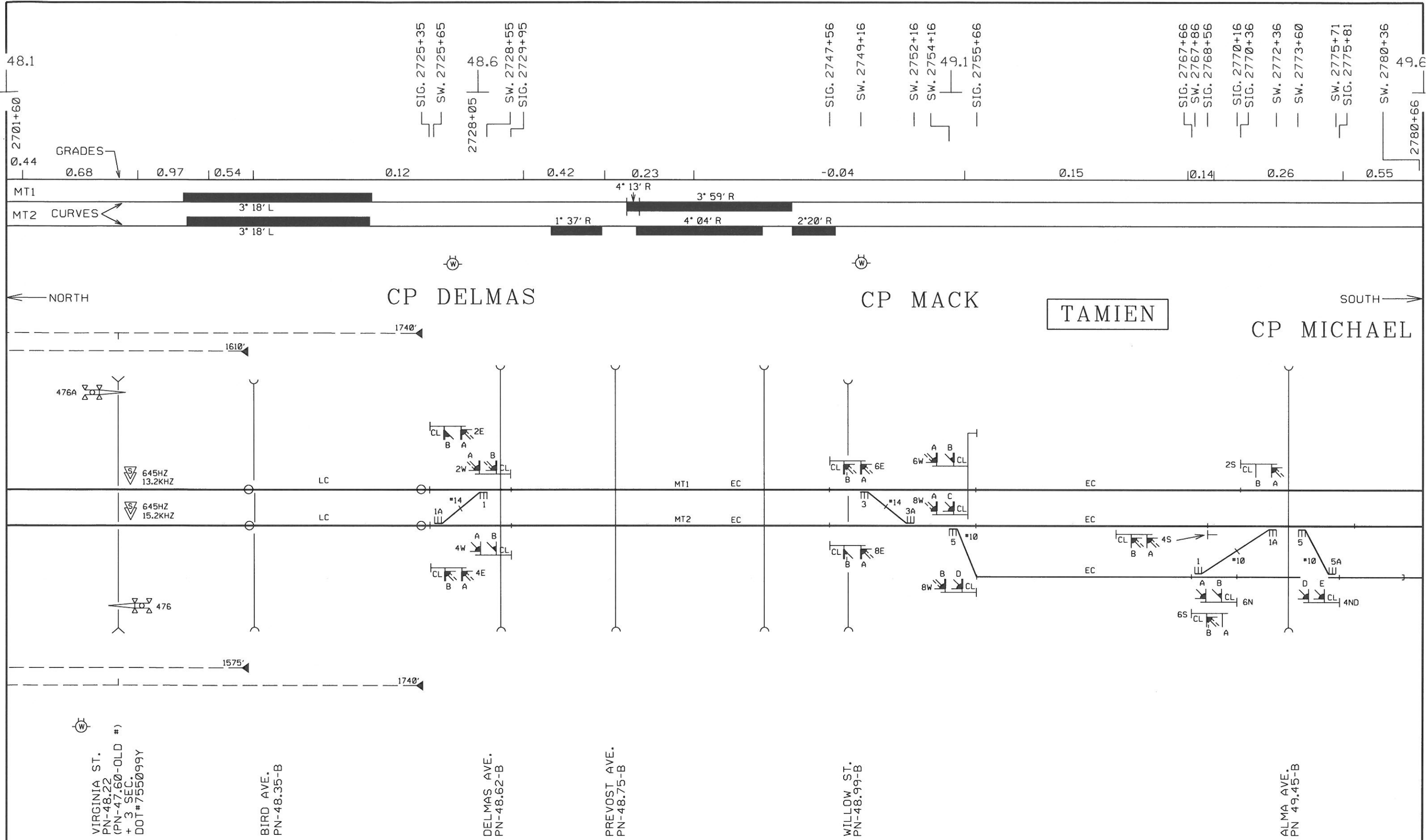
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	DRAWN BY A. B. POSADAS			MANAGER OF C&S D. OBEDOZA		JPB SIGNAL DRAWINGS LAYOUT VOLUME SAN FRANCISCO TO SAN JOSE PN 44.0-45.6	MAINTENANCE DRAWING
	CHECKED BY R. STEVENS			DESIGNED BY: XORAIL		ADOPTED DATE: SCALE: 1" = 500'	DRAWING NO: PN44.0-45.6.M0
	APPROVED BY R. STEVENS			CHECKED BY:		PAGE NO:	



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	DRAWN BY A. B. POSADAS			MANAGER OF C&S D. OBEDOZA		JPB SIGNAL DRAWINGS LAYOUT VOLUME SAN FRANCISCO TO SAN JOSE PN 45.6-47.0	
	CHECKED BY R. STEVENS			DESIGNED BY: XORAIL		ADOPTED DATE: 	SCALE: 1" = 500'
	APPROVED BY R. STEVENS			CHECKED BY:		DRAWING NO: PN45.6-47.0.M0	PAGE NO:



DESIGNED: 07-20-07 BY: XORAIL/ZAE FILE JP809-24618 WD NO.: 5012 SOUTH TERMINAL IMPROV PROJ ASBUILT IN SVC. DATE 10-30-11 CORRECTED: 04-25-12 BY: XORAIL/ABP	DESIGNED: 05-05-11 BY: XORAIL/ZAE FILE UMD11-28149A WD NO.: 89197 REMOVAL OF OLD CP ARENA ASBUILT IN SVC. DATE 08-06-11 CORRECTED: 09-23-11 BY: XORAIL/ABP	DESIGNED: - - BY: XORAIL/ FILE JP810-26084 WD NO.: 5752 DCN #22 SITE PREP. TRACK REMOVAL AND RENAMING CP'S AT SAN JOSE IN SVC. DATE - - CORRECTED: 10-08-10 BY: XORAIL/ABP	DESIGNED BY Z. A. ETKIN DRAWN BY A. B. POSADAS CHECKED BY R. STEVENS APPROVED BY R. STEVENS	xorail 2890 NORTH MAIN STREET, SUITE 306 WALNUT CREEK, CA 94597 PH. NO.: (925) 906-0867 FAX NO.: (925) 906-9843 WWW.XORAIL.COM	Caltrain 1250 San Carlos Avenue San Carlos, CA 94078	DEPUTY DIRECTOR S. CHAO MANAGER OF CAS M. JOHNSON DESIGNED BY XORAIL CHECKED BY:	PENINSULA CORRIDOR JOINT POWERS BOARD JPB SIGNAL DRAWINGS LAYOUT VOLUME SAN FRANCISCO TO SAN JOSE PN 47.0-48.1	DESIGN DATE: REVISION DATE: MAINTENANCE DRAWING ADOPTED DATE: SCALE: DRAWING NO.: PAGE NO:	04-25-12 04-25-12 MAINTENANCE DRAWING 1" : 500' PN47.0-48.1.M01 PAGE NO:
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48.1
2701+60
0.44

GRADES

0.68 | 0.97 | 0.54 | 0.12 | 0.42 | 0.23 | -0.04 | 0.15 | 0.14 | 0.26 | 0.55

MT1

MT2 CURVES

3° 18' L | 4° 13' R | 3° 59' R | 1° 37' R | 4° 04' R | 2° 20' R

NORTH

CP DELMAS

CP MACK

TAMMIEN

SOUTH

CP MICHAEL

1740'

1610'

1575'

1740'

VIRGINIA ST.
PN-48.22
(PN-47.60-OLD #)
+ 3 SEC.
DOT#755099Y

BIRD AVE.
PN-48.35-B

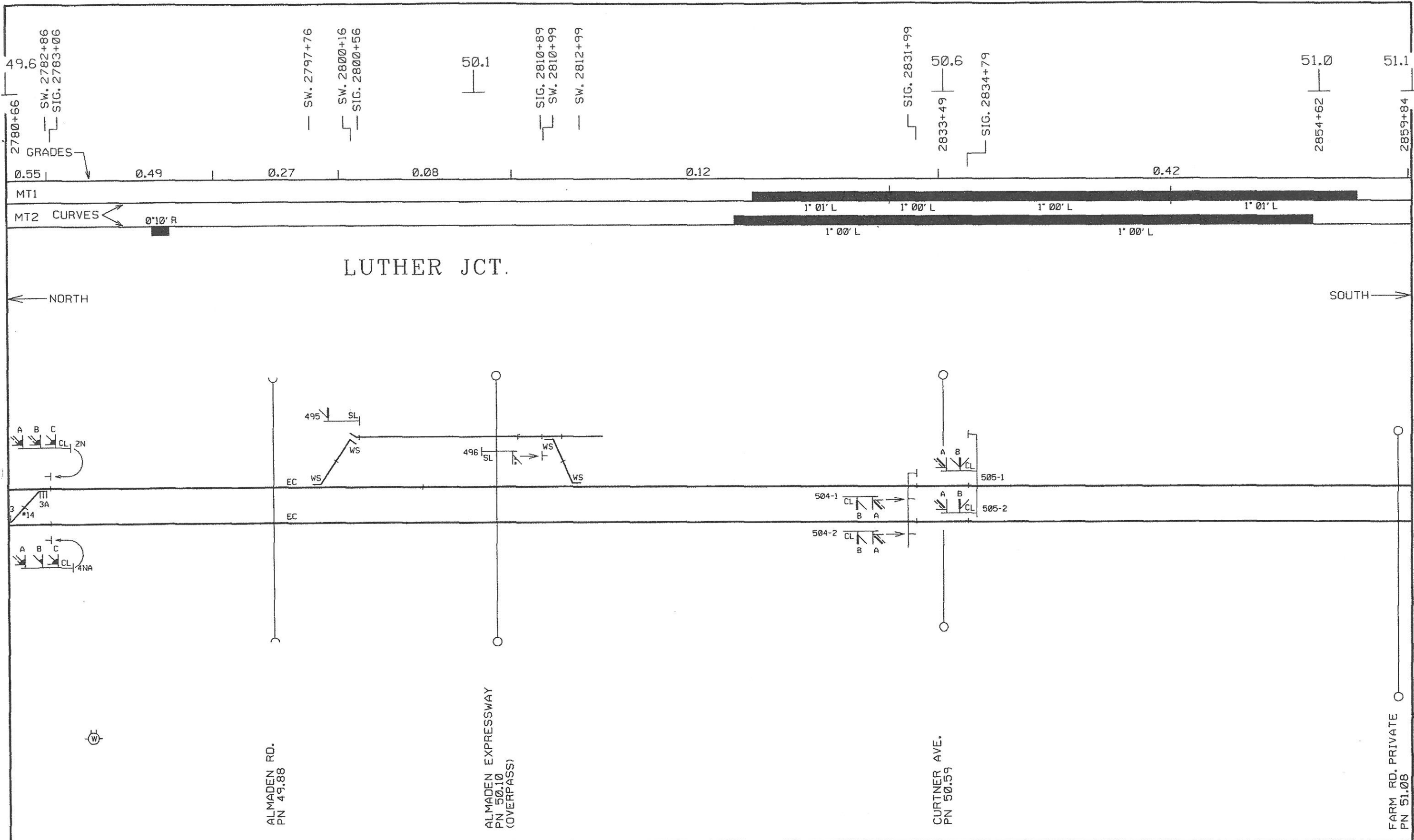
DELMAS AVE.
PN-48.62-B

PREVOST AVE.
PN-48.75-B

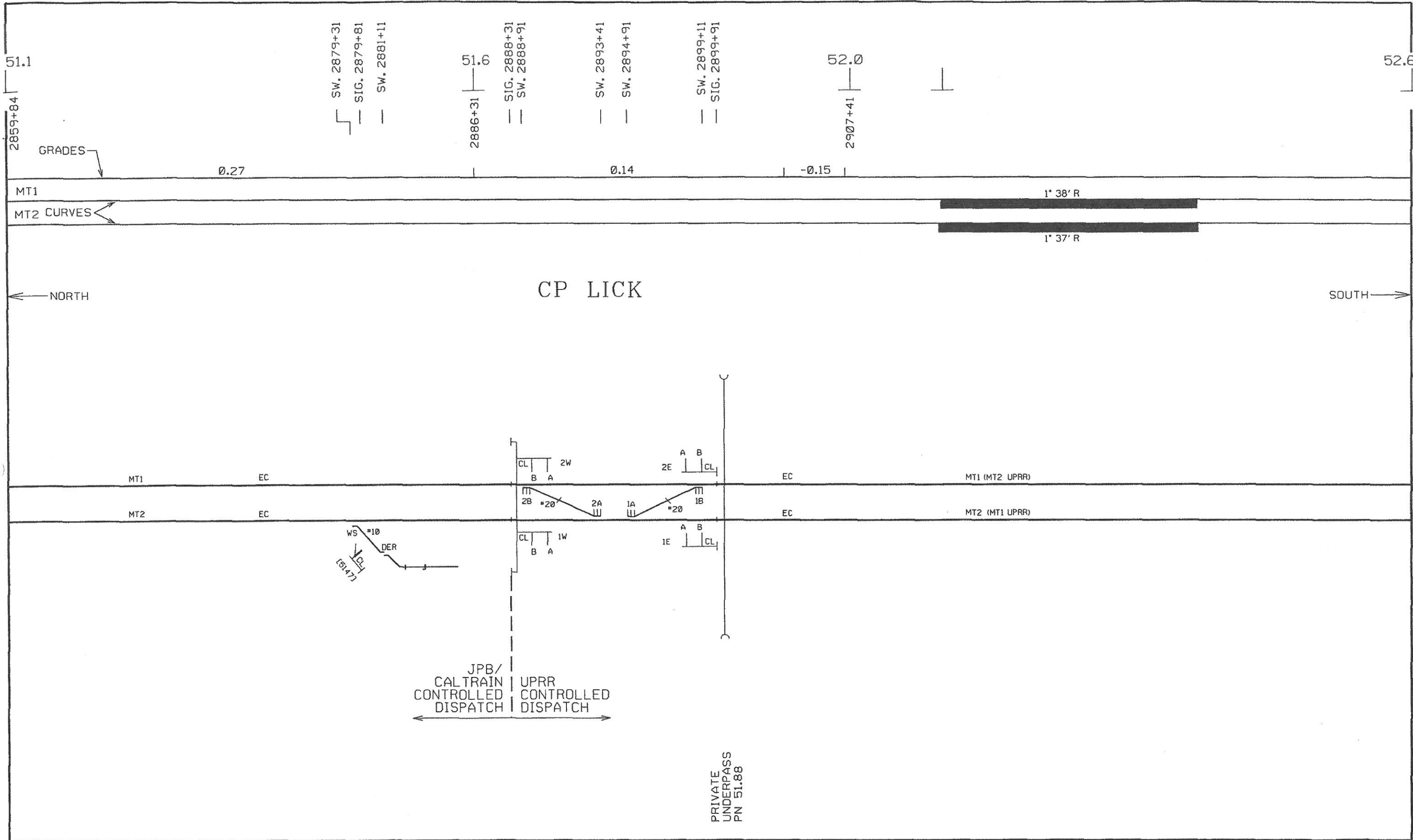
WILLOW ST.
PN-48.99-B

ALMA AVE.
PN 49.45-B

DESIGNED: 07-20-07 BY: XORAIL/ZAE FILE JPB09-24618 WD NO.: 5012 SOUTH TERMINAL IMPROV PROJ ASBUILT IN SVC. DATE 10-30-11 CORRECTED: 04-25-12 BY: XORAIL/ABP	DESIGNED: 00-00-00 BY: XORAIL/XXX FILE JPBXXX WD NO.: XXXX ASBUILT IN SVC. DATE 00-00-00 CORRECTED: 06-26-07 BY: XORAIL/ABP	DESIGNED BY Z. A. ETKIN	<p>2890 NORTH MAIN STREET, SUITE 306 WALNUT CREEK, CA 94597 PH. NO.: (925) 906-0867 FAX NO.: (925) 906-9843 WWW.XORAIL.COM</p>	<p>1250 San Carlos Avenue San Carlos, CA 94070</p>	DEPUTY DIRECTOR S. CHAO	PENINSULA CORRIDOR JOINT POWERS BOARD	DESIGN DATE: 04-25-12	REVISION DATE: 04-25-12
		DRAWN BY A. B. POSADAS			MANAGER OF CAS D. OBEDOZA		DESIGNED BY: XORAIL	MAINTENANCE DRAWING
		CHECKED BY R. STEVENS			CHECKED BY: XORAIL	JPB SIGNAL DRAWINGS LAYOUT VOLUME SAN FRANCISCO TO SAN JOSE PN 48.1-49.6	ADOPTED DATE: 	SCALE: 1" : 500'
		APPROVED BY R. STEVENS			CHECKED BY:	DRAWING NO: PN48.1-49.6.M01	PAGE NO:	



DESIGNED: 00-00-00 BY: XORAIL/XXX FILE JPBXXX WD NO.: XXXX ASBUILT IN SVC. DATE 00-00-00 CORRECTED: 06-26-07 BY: XORAIL/ABP	DESIGNED BY Z. A. ETKIN	 2890 NORTH MAIN STREET, SUITE 306 WALNUT CREEK, CA 94597 PH. NO.: (925) 986-8867 FAX NO.: (925) 986-9843 WWW.XORAIL.COM	 1250 San Carlos Avenue San Carlos, CA 94070	DEPUTY DIRECTOR S. CHAO	PENINSULA CORRIDOR JOINT POWERS BOARD JPB SIGNAL DRAWINGS LAYOUT VOLUME SAN FRANCISCO TO SAN JOSE PN 49.6-51.1	DESIGN DATE: 06-26-07	REVISION DATE: 06-26-07
	DRAWN BY A. B. POSADAS			MANAGER OF CAS D. OBEDOZA		MAINTENANCE DRAWING	
	CHECKED BY R. STEVENS			DESIGNED BY: XORAIL		ADOPTED DATE: SCALE: 1" = 500'	
	APPROVED BY R. STEVENS			CHECKED BY: 		DRAWING NO: PN49.6-51.1.M01	PAGE NO:



DESIGNED: 00-00-00 BY: XORAIL/XXX FILE JPBXXX WD NO.: XXXX ASBUILT IN SVC. DATE 00-00-00 CORRECTED: 06-26-07 BY: XORAIL/ABP	DESIGNED BY Z. A. ETKIN	 2890 NORTH MAIN STREET, SUITE 306 WALNUT CREEK, CA 94597 PH. NO.: (925) 986-8867 FAX NO.: (925) 986-9843 WWW.XORAIL.COM	 1250 San Carlos Avenue San Carlos, CA 94070	DEPUTY DIRECTOR S. CHAO	PENINSULA CORRIDOR JOINT POWERS BOARD JPB SIGNAL DRAWINGS LAYOUT VOLUME SAN FRANCISCO TO SAN JOSE PN 51.1-52.6	DESIGN DATE: 06-26-07	REVISION DATE: 06-26-07
	DRAWN BY A. B. POSADAS			MANAGER OF CAS D. OBEDOZA		MAINTENANCE DRAWING ADOPTED DATE: SCALE: 1" = 500' DRAWING NO: PN51.1-52.6.M01	DRAWING NO: PN51.1-52.6.M01