Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	55	6.4/10.3		

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

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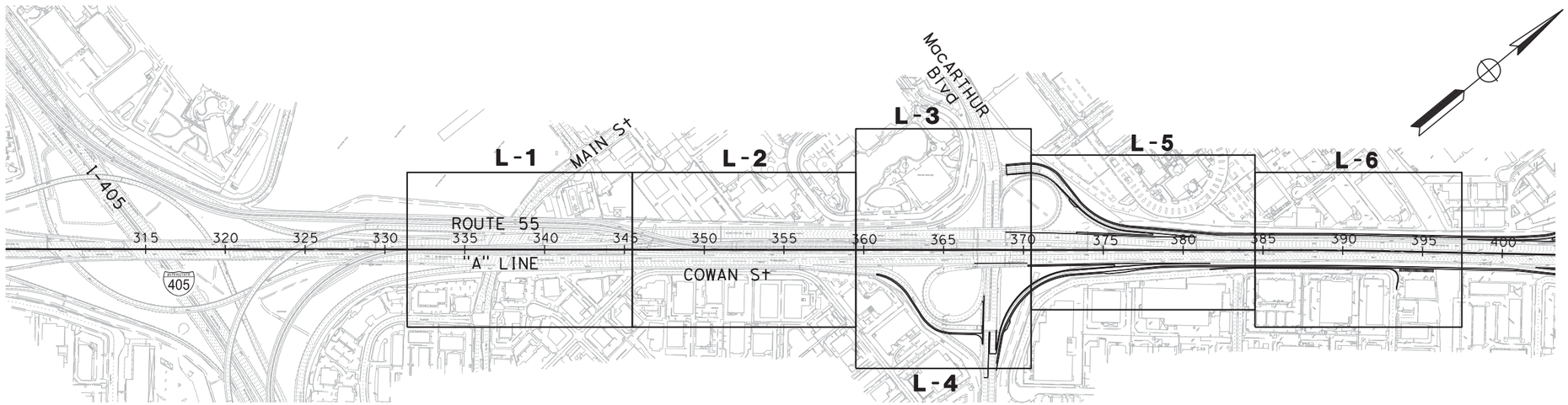
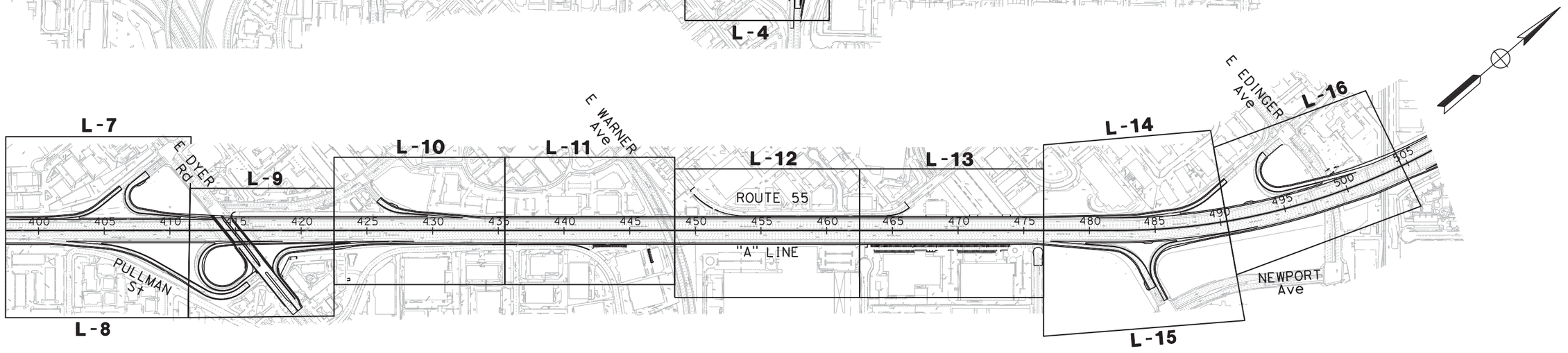
ORANGE, CA 92863-1584





NOT FOR CONSTRUCTION

ALTERNATIVE 4

KEY MAP AND LINE INDEX

NO SCALE

K-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans

CONSULTANT FUNCTIONAL SUPERVISOR: KAREN CHAPMAN

CALCULATED-DESIGNED BY: RYAN LAU

CHECKED BY: VICTOR LOPEZ

REVISED BY	DATE REVISED

LAST REVISION: XX-XX-XX

DATE PLOTTED => 10/5/2015
TIME PLOTTED => 4:23:34 PM

BORDER LAST REVISED 7/2/2010

USERNAME => mpierce
DGN FILE => ...\Project Report\12XXXXda001.dgn

RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3

UNIT 12-XXXX

PROJECT NUMBER & PHASE 120000XXXX

NO WORK THIS SHEET

NOTE:

1. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

ABBREVIATIONS:

CHP CALIFORNIA HIGHWAY PATROL
SHGA SUB-HORIZONTAL GROUND ANCHOR

LEGEND:

—— FILL LIMIT
---- CUT LIMIT
DIRECTION OF TRAVEL
HOV DIAMOND LANE
(X) CURVE DATA NUMBERS

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	55	6.4/10.3		

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

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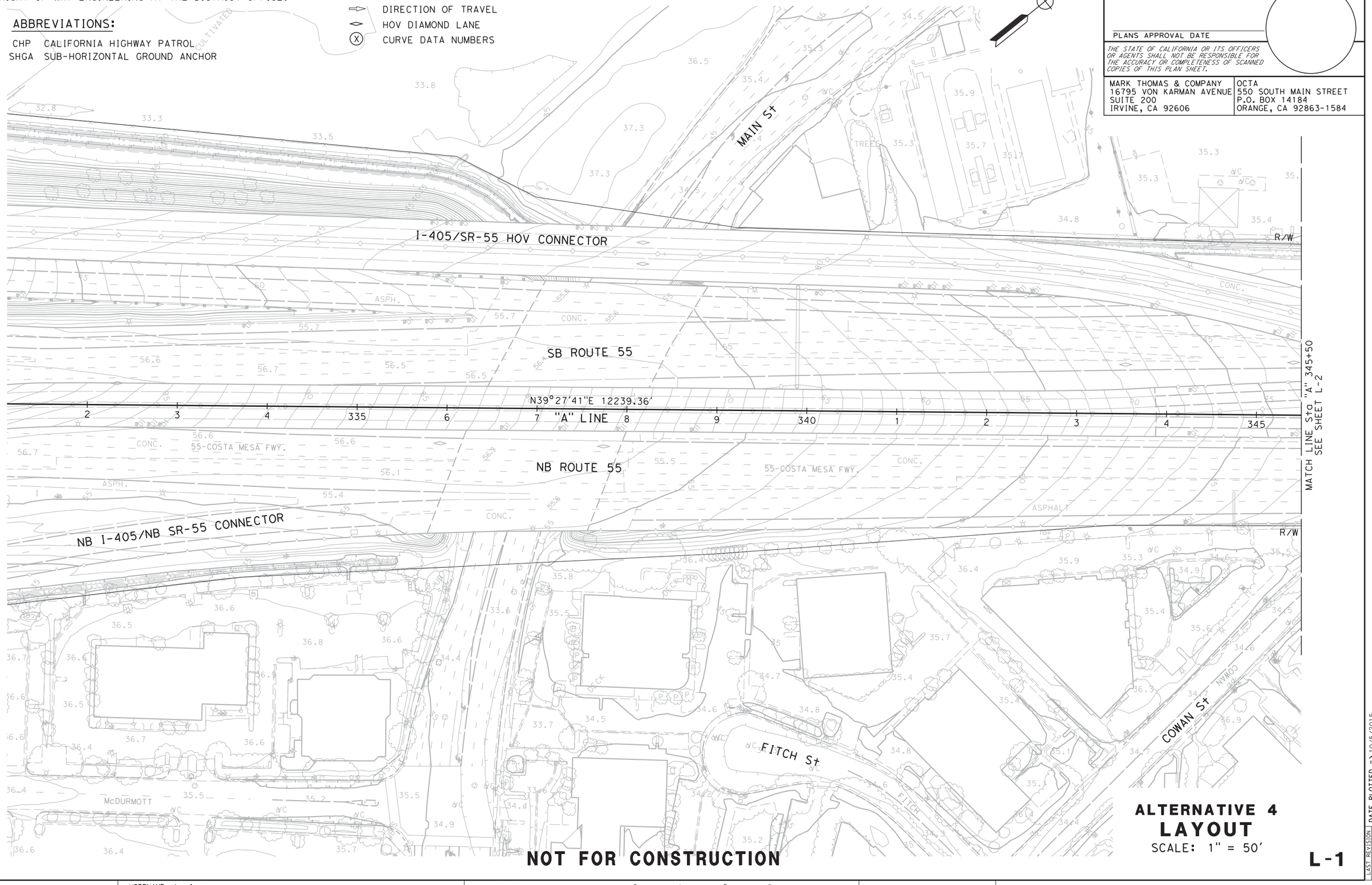

ALTERNATIVE 4
LAYOUT
SCALE: 1" = 50'

NOT FOR CONSTRUCTION

L-1

REVISED BY | DATE REVISED
RYAN LAU | VICTOR LOPEZ
CALCULATED-DESIGNED BY | CHECKED BY
CONSULTANT FUNCTIONAL SUPERVISOR: KAREN CHAPMAN
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

LAST REVISION | DATE PLOTTED => 10/5/2015
XX-XX-XX | TIME PLOTTED => 4:24:01 PM

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NOTE:

1. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

NO WORK THIS SHEET

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	55	6.4/10.3		

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

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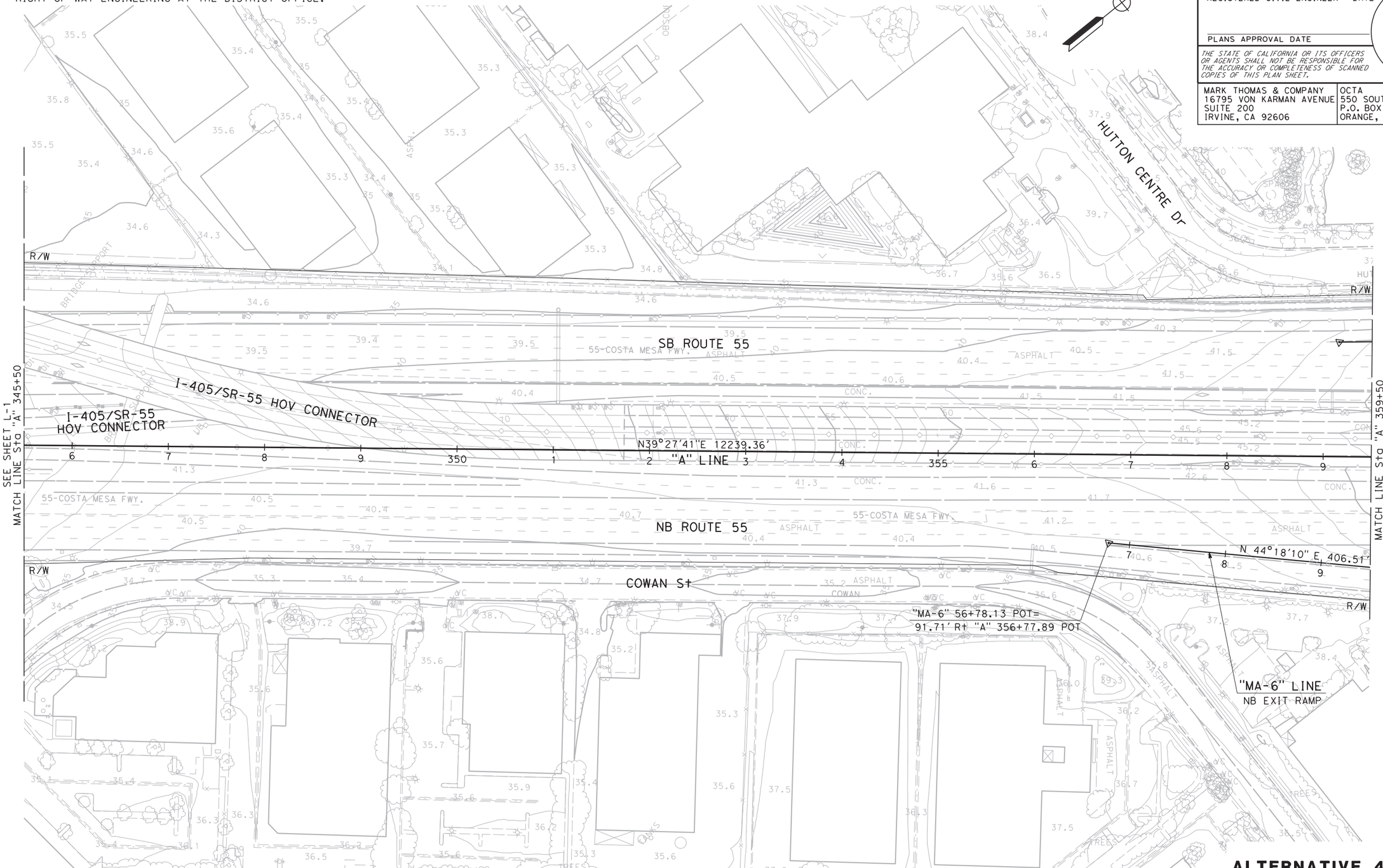
ORANGE, CA 92863-1584



ALTERNATIVE 4
LAYOUT
SCALE: 1" = 50'

NOT FOR CONSTRUCTION

L-2

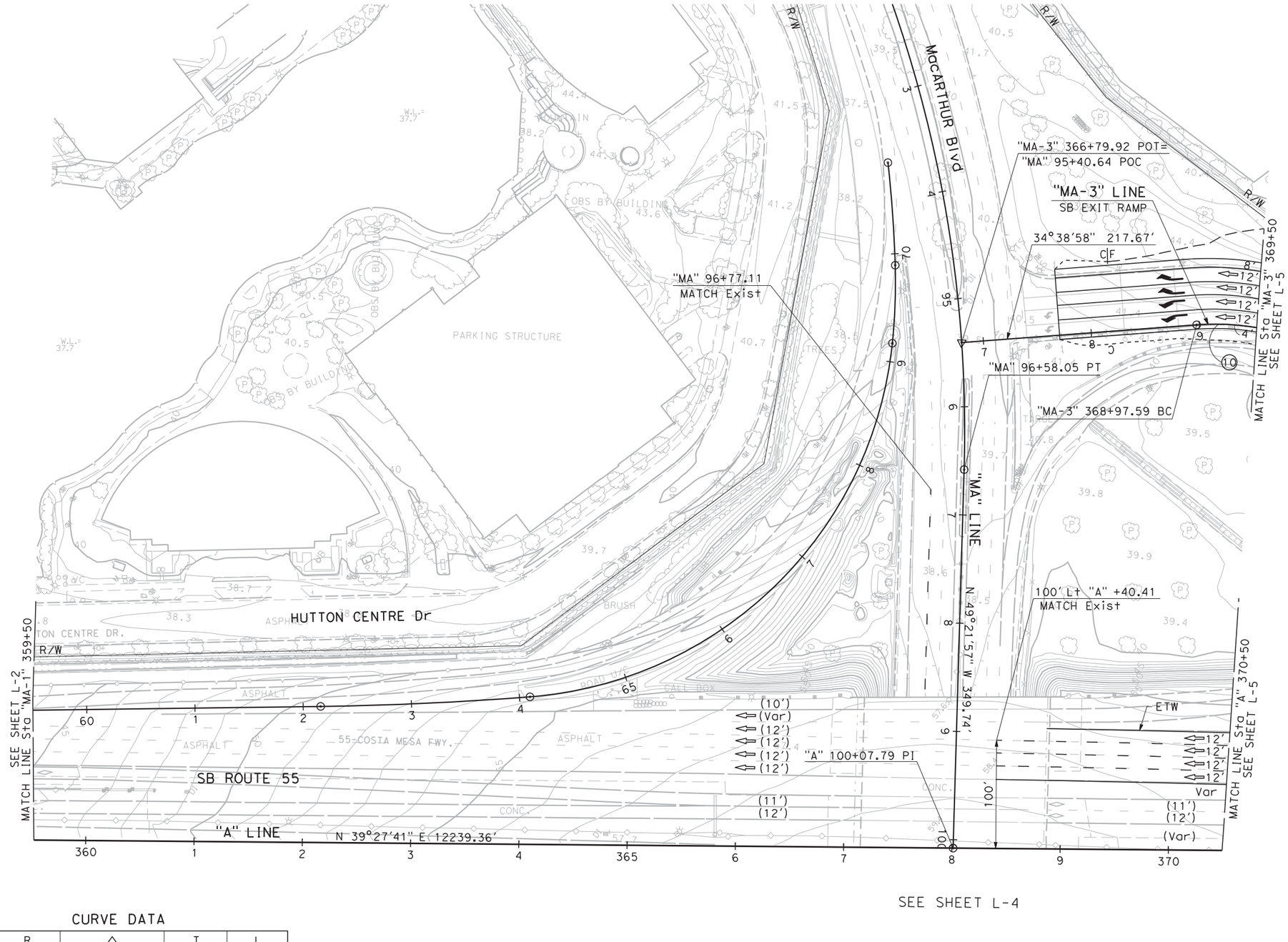
REVISED BY | DATE REVISED
RYAN LAU | VICTOR LOPEZ
CALCULATED-DESIGNED BY | CHECKED BY
CONSULTANT FUNCTIONAL SUPERVISOR
KAREN CHAPMAN
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

LAST REVISION | DATE PLOTTED => 10/5/2015
XX-XX-XX | TIME PLOTTED => 4:24:23 PM

BORDER LAST REVISED 7/2/2010 | USERNAME => mpierce | DGN FILE => ...\Project Report\12XXXXea002.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 12-XXXX | PROJECT NUMBER & PHASE 120000XXXX

NOTE:

1. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



SEE SHEET L-4

CURVE DATA

No. (X)	R	△	T	L
10	226.38′	50°42′47"	107.28′	200.37′

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	55	6.4/10.3		

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

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P.O. BOX 14184
ORANGE, CA 92863-1584

NOT FOR CONSTRUCTION

ALTERNATIVE 4
LAYOUT
SCALE: 1" = 50′

L-3

REVISED BY	DATE REVISED

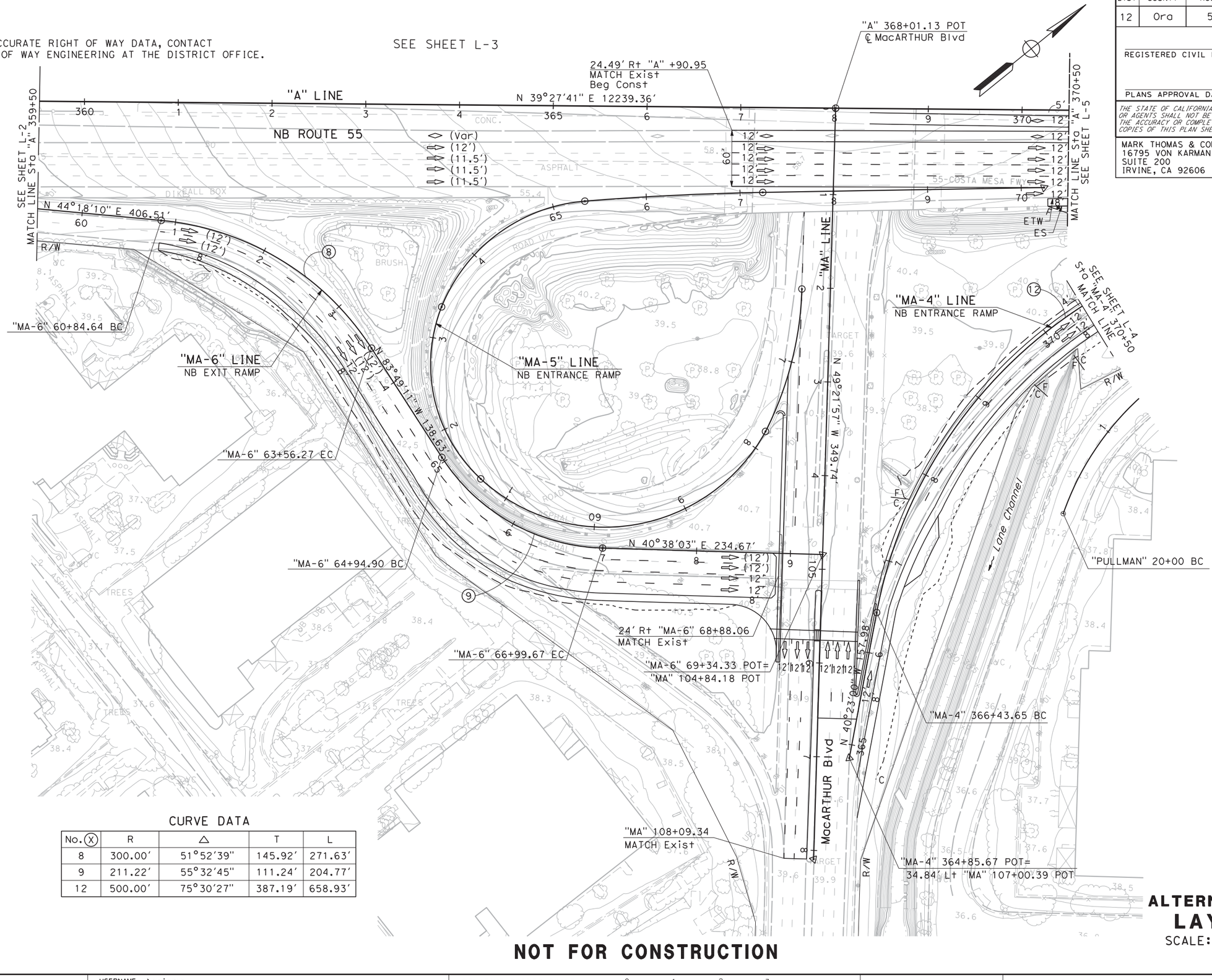
CALCULATED-DESIGNED BY: RYAN LAU
CHECKED BY: VICTOR LOPEZ
CONSULTANT FUNCTIONAL SUPERVISOR: KAREN CHAPMAN
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

LAST REVISION DATE PLOTTED => 10/5/2015
XX-XX-XX TIME PLOTTED => 4:24:45 PM

BORDER LAST REVISED 7/2/2010
USERNAME => mpierce
DGN FILE => ...\Project Report\12XXXXea003.dgn
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 12-XXXX
PROJECT NUMBER & PHASE 120000XXXX

NOTE:

1. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



CURVE DATA

No. (X)	R	△	T	L
8	300.00'	51°52'39"	145.92'	271.63'
9	211.22'	55°32'45"	111.24'	204.77'
12	500.00'	75°30'27"	387.19'	658.93'

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	55	6.4/10.3		

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

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P.O. BOX 14184
ORANGE, CA 92863-1584

ALTERNATIVE 4
LAYOUT
SCALE: 1" = 50'

NOT FOR CONSTRUCTION

L-4

REVISED BY | DATE REVISED
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CALCULATED- DESIGNED BY | CHECKED BY
CONSULTANT FUNCTIONAL SUPERVISOR: KAREN CHAPMAN
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

LAST REVISION | DATE PLOTTED => 10/5/2015
XX-XX-XX | TIME PLOTTED => 4:25:06 PM

BORDER LAST REVISED 7/2/2010 | USERNAME => mpierce | DGN FILE => ...\Project Report\12XXXXea004.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 12-XXXX | PROJECT NUMBER & PHASE 120000XXXX

NOTE:

1. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	55	6.4/10.3		

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

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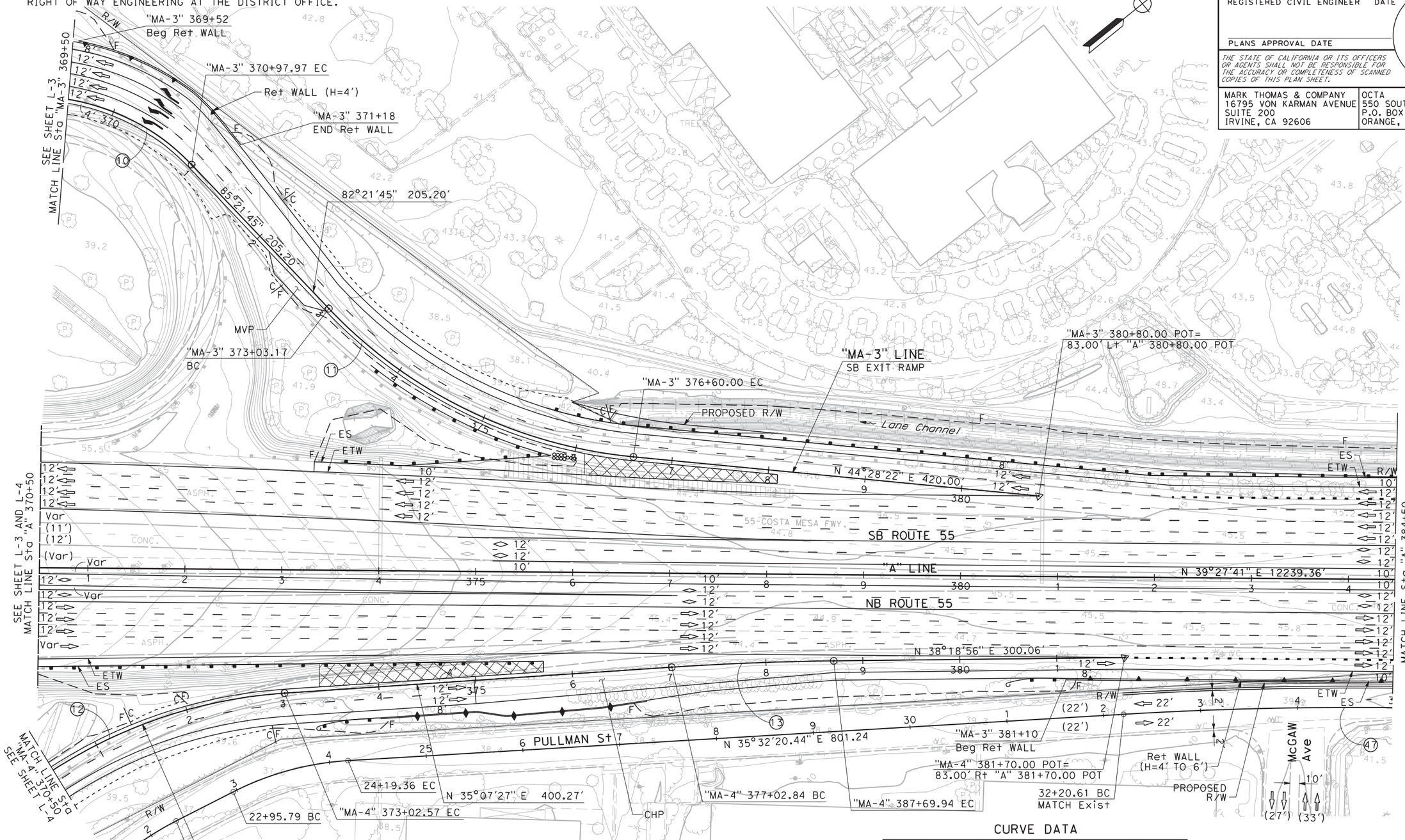
ORANGE, CA 92863-1584



CURVE DATA

No. (X)	R	△	T	L
10	226.38′	50°42′47"	107.28′	200.37′
11	500.00′	40°53′24"	186.39′	356.83′
12	500.00′	75°30′27"	387.19′	658.93′
13	3000.00′	03°11′29"	83.57′	167.10′
47	4000.00′	04°18′39"	150.54′	300.94′

NOT FOR CONSTRUCTION

ALTERNATIVE 4
LAYOUT
SCALE: 1" = 50′

L-5

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
CONSULTANT FUNCTIONAL SUPERVISOR: KAREN CHAPMAN
CALCULATED-DESIGNED BY: RYAN LAU
CHECKED BY: VICTOR LOPEZ
REVISED BY | DATE REVISED

LAST REVISION | DATE PLOTTED => 10/5/2015
XX-XX-XX | TIME PLOTTED => 4:25:27 PM

BORDER LAST REVISED 7/2/2010
USERNAME => mpierce
DGN FILE => ...\Project Report\12XXXXea005.dgn
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 12-XXXX
PROJECT NUMBER & PHASE 120000XXXX

NOTE:

1. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	55	6.4/10.3		

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

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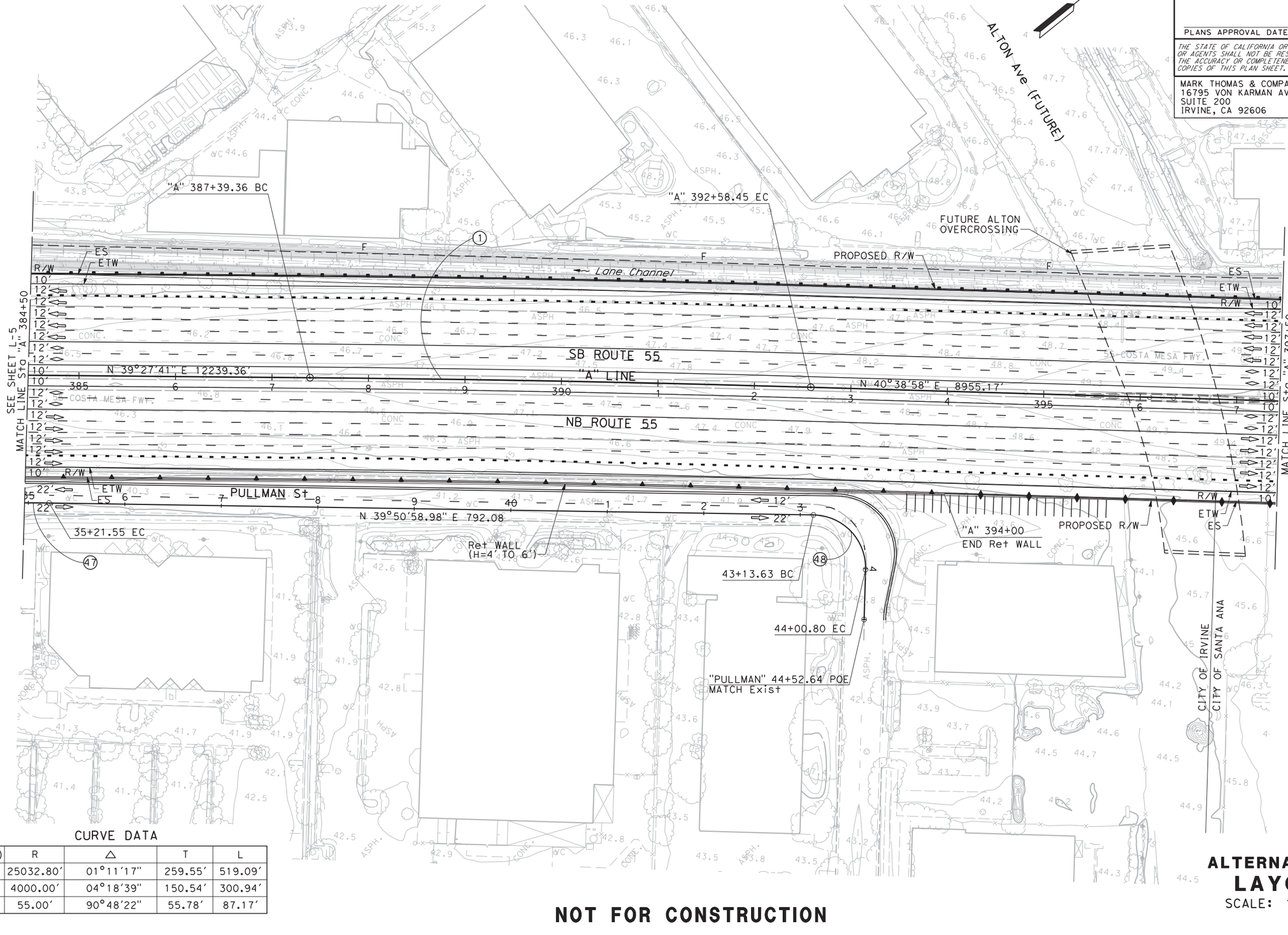
ORANGE, CA 92863-1584



CURVE DATA

No. (X)	R	Δ	T	L
1	25032.80′	01°11′17"	259.55′	519.09′
47	4000.00′	04°18′39"	150.54′	300.94′
48	55.00′	90°48′22"	55.78′	87.17′

ALTERNATIVE 4
LAYOUT
SCALE: 1" = 50′

NOT FOR CONSTRUCTION

L-6

REVISED BY | DATE REVISED
RYAN LAU | VICTOR LOPEZ
CALCULATED-DESIGNED BY | CHECKED BY
CONSULTANT FUNCTIONAL SUPERVISOR: KAREN CHAPMAN
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

LAST REVISION XX-XX-XX
DATE PLOTTED => 10/5/2015
TIME PLOTTED => 4:25:58 PM

BORDER LAST REVISED 7/2/2010
USERNAME => mpierce
DGN FILE => ...\Project Report\12XXXXea006.dgn
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 12-XXXX
PROJECT NUMBER & PHASE 120000XXXX

NOTE:

1. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	55	6.4/10.3		

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

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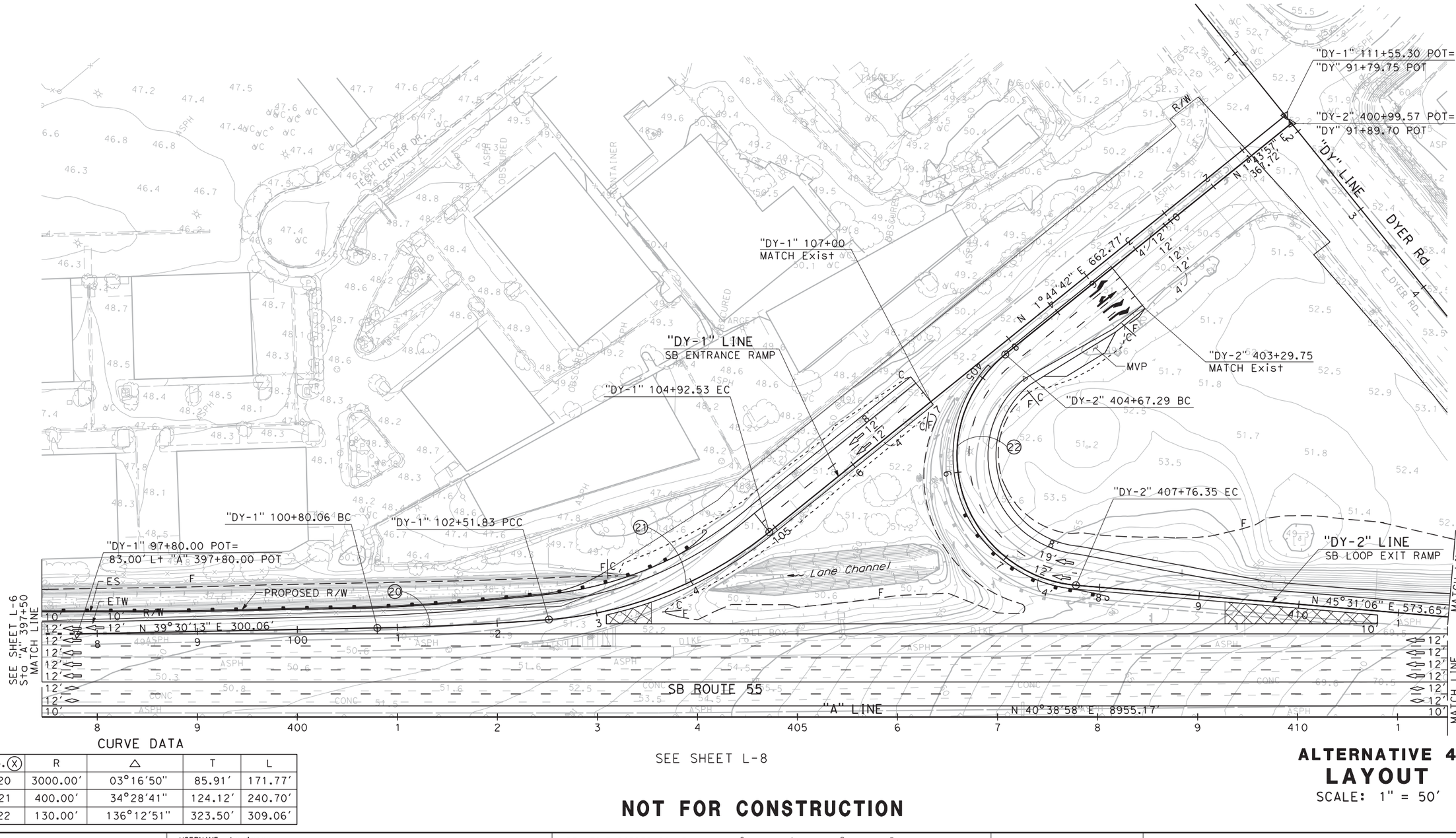
P.O. BOX 14184
ORANGE, CA 92863-1584



CURVE DATA

No. (X)	R	Δ	T	L
20	3000.00′	03°16′50″	85.91′	171.77′
21	400.00′	34°28′41″	124.12′	240.70′
22	130.00′	136°12′51″	323.50′	309.06′

SEE SHEET L-8

NOT FOR CONSTRUCTION

ALTERNATIVE 4
LAYOUT
SCALE: 1" = 50′

L-7

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
CONSULTANT FUNCTIONAL SUPERVISOR: KAREN CHAPMAN
CALCULATED-DESIGNED BY: RYAN LAU
CHECKED BY: VICTOR LOPEZ
REVISED BY
DATE REVISED

LAST REVISION DATE PLOTTED => 10/5/2015
XX-XX-XX TIME PLOTTED => 4:26:20 PM

BORDER LAST REVISED 7/2/2010
USERNAME => mpierce
DGN FILE => ...\Project Report\12XXXXea007.dgn
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 12-XXXX
PROJECT NUMBER & PHASE 120000XXXX

NOTE:

1. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	55	6.4/10.3		

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

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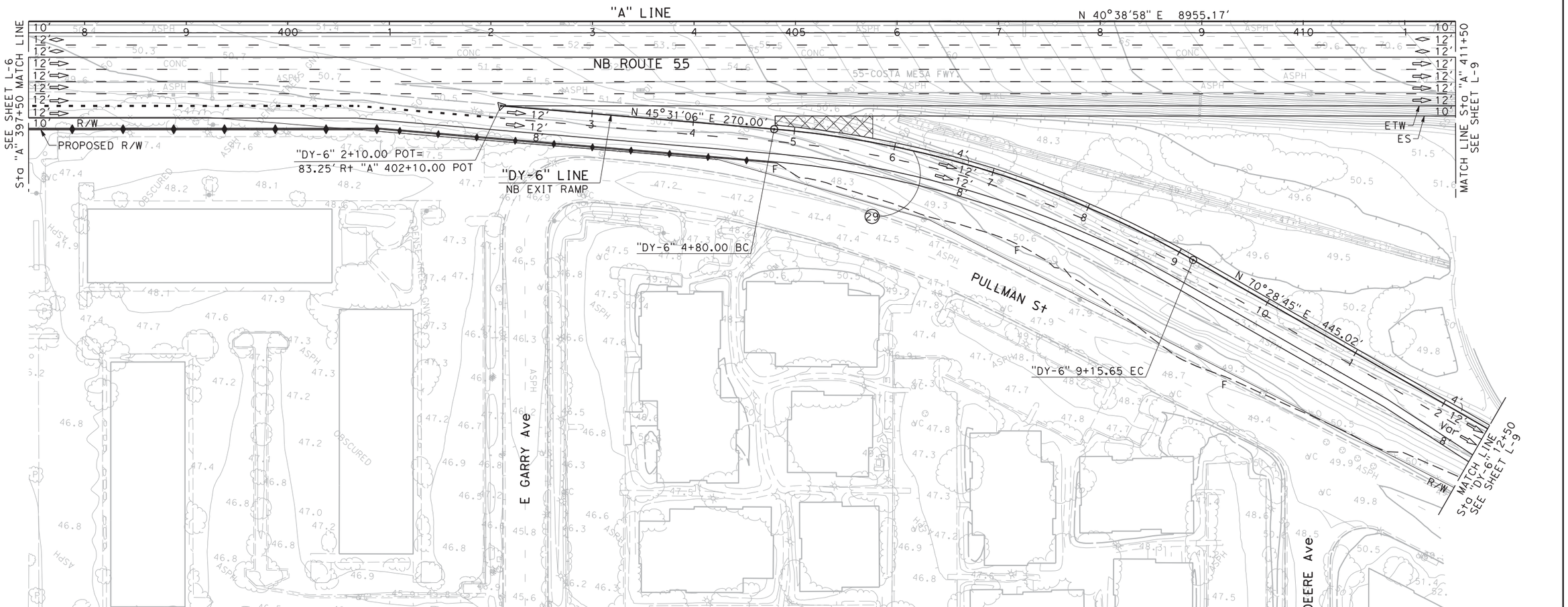
P.O. BOX 14184
ORANGE, CA 92863-1584

SEE SHEET L-7



CURVE DATA

No. Ⓧ	R	△	T	L
29	1000.00'	24°57'39"	221.34'	435.34'

NOT FOR CONSTRUCTION

ALTERNATIVE 4
LAYOUT
SCALE: 1" = 50'

L-8

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

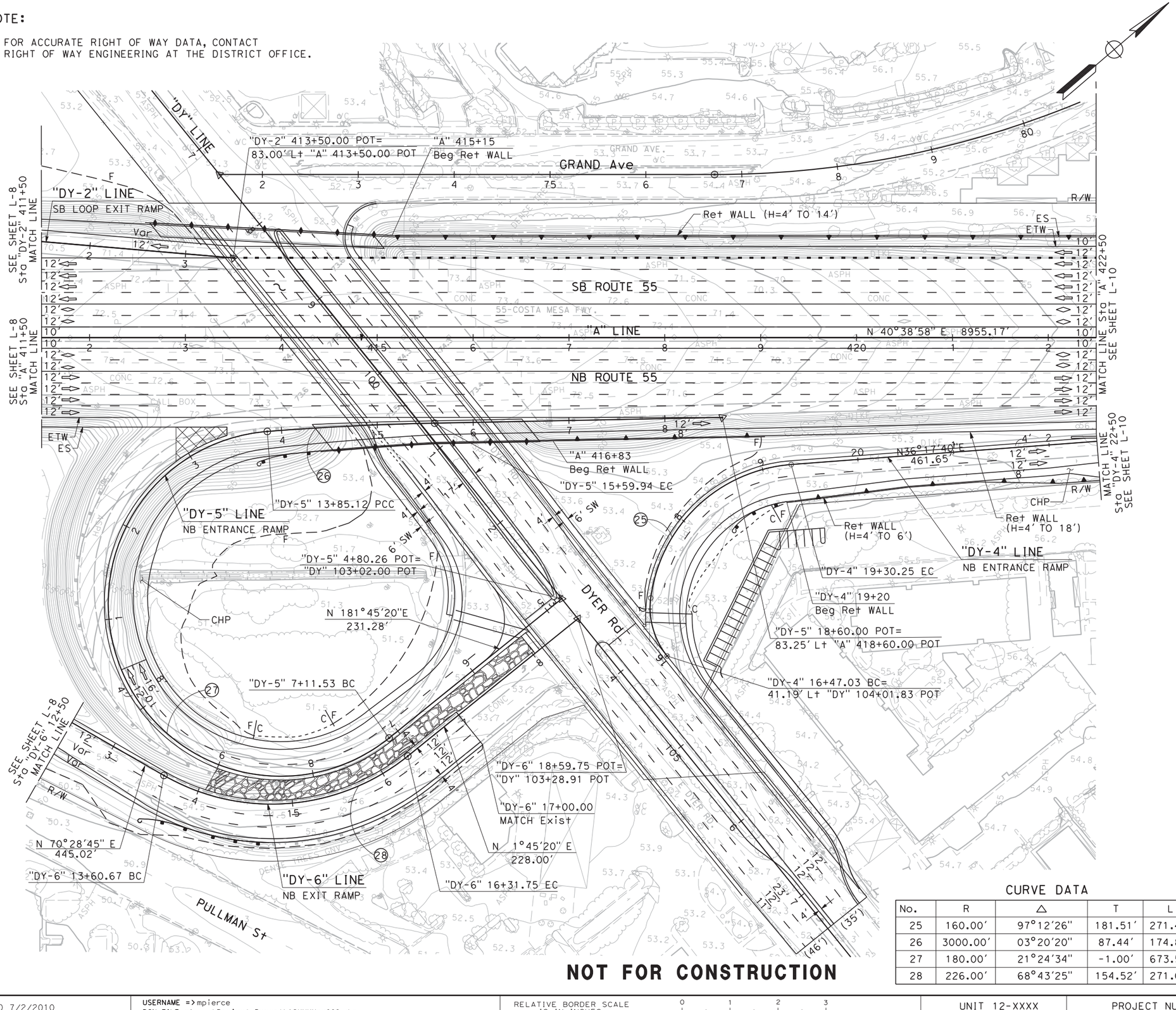
CONSULTANT FUNCTIONAL SUPERVISOR: KAREN CHAPMAN
CALCULATED-DESIGNED BY: RYAN LAU
CHECKED BY: VICTOR LOPEZ
REVISED BY
DATE REVISED

LAST REVISION: XX-XX-XX
DATE PLOTTED => 10/5/2015
TIME PLOTTED => 4:26:40 PM

BORDER LAST REVISED 7/2/2010
USERNAME => mpierce
DGN FILE => ...\Project Report\12XXXXea008.dgn
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 12-XXXX
PROJECT NUMBER & PHASE 120000XXXX

NOTE:

1. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	55	6.4/10.3		

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

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ORANGE, CA 92863-1584

CURVE DATA

No.	R	△	T	L
25	160.00'	97°12'26"	181.51'	271.45'
26	3000.00'	03°20'20"	87.44'	174.82'
27	180.00'	21°24'34"	-1.00'	673.59'
28	226.00'	68°43'25"	154.52'	271.08'

NOT FOR CONSTRUCTION

ALTERNATIVE 4
LAYOUT
SCALE: 1" = 50'

L-9

REVISED BY | DATE REVISED
RYAN LAU | VICTOR LOPEZ
CALCULATED-DESIGNED BY | CHECKED BY
CONSULTANT FUNCTIONAL SUPERVISOR
KAREN CHAPMAN
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

LAST REVISION | DATE PLOTTED => 10/5/2015
XX-XX-XX | TIME PLOTTED => 4:27:04 PM

BORDER LAST REVISED 7/2/2010
USERNAME => mpierce
DGN FILE => ...\Project Report\12XXXXea009.dgn
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 12-XXXX
PROJECT NUMBER & PHASE 120000XXXX

NOTE:

1. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	55	6.4/10.3		

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

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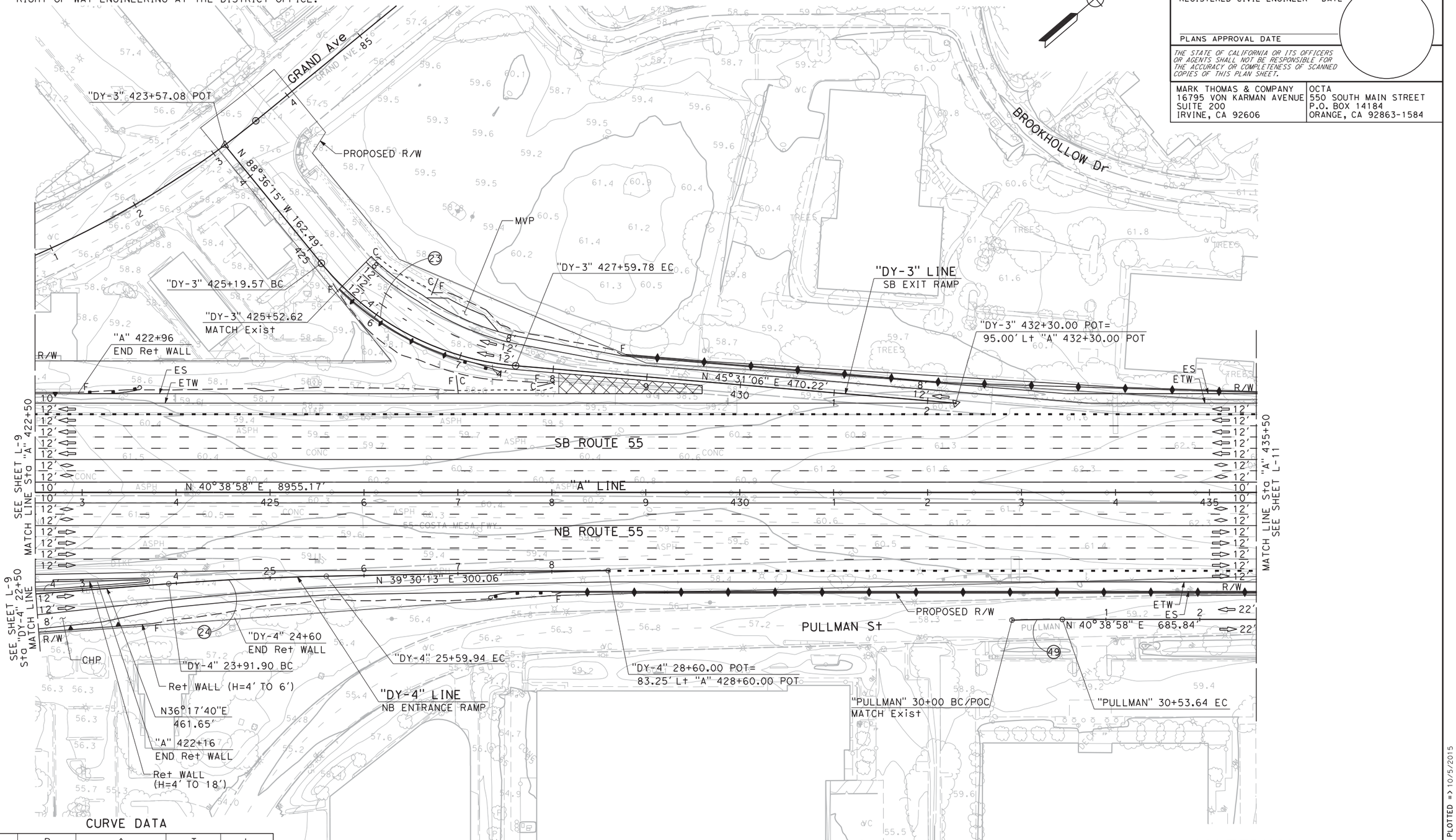
ORANGE, CA 92863-1584



CURVE DATA

No.	R	△	T	L
23	300.00'	45°52'39"	126.96'	240.21'
24	3000.00'	03°12'33"	84.04'	168.04'
49	2000.00'	01°32'12"	26.82'	53.64'

ALTERNATIVE 4
LAYOUT
SCALE: 1" = 50'

NOT FOR CONSTRUCTION

L-10

REVISED BY	DATE REVISED
RYAN LAU	
VICTOR LOPEZ	

CALCULATED-DESIGNED BY

CHECKED BY

CONSULTANT FUNCTIONAL SUPERVISOR: KAREN CHAPMAN

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans

LAST REVISION DATE PLOTTED => 10/5/2015
XX-XX-XX TIME PLOTTED => 4:27:27 PM

BORDER LAST REVISED 7/2/2010

USERNAME => mpierce
DGN FILE => ...\Project Report\12XXXXea010.dgn

RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3

UNIT 12-XXXX

PROJECT NUMBER & PHASE 120000XXXX

NOTE:

1. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	55	6.4/10.3		

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

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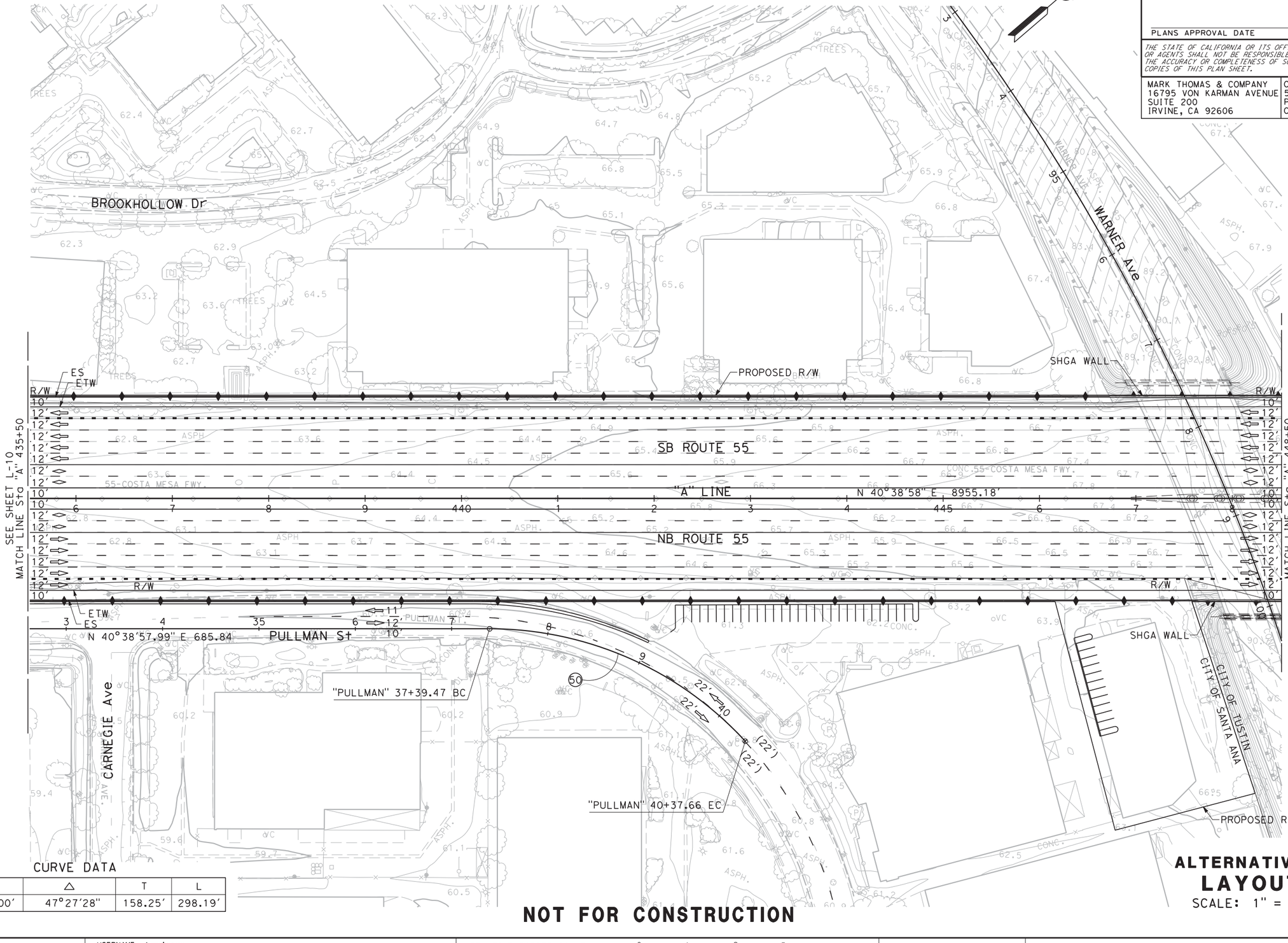

CURVE DATA

No.	R	△	T	L
50	360.00′	47°27′28"	158.25′	298.19′

ALTERNATIVE 4
LAYOUT
SCALE: 1" = 50′

NOT FOR CONSTRUCTION

L-11

REVISED BY	DATE REVISED

CALCULATED-DESIGNED BY: RYAN LAU
CHECKED BY: VICTOR LOPEZ
CONSULTANT FUNCTIONAL SUPERVISOR: KAREN CHAPMAN
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

LAST REVISION | DATE PLOTTED => 10/5/2015 | XX-XX-XX | TIME PLOTTED => 4:27:45 PM

BORDER LAST REVISED 7/2/2010 | USERNAME => mpierce | DGN FILE => ...\Project Report\12XXXXea011.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 12-XXXX | PROJECT NUMBER & PHASE 120000XXXX

NOTE:

1. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	55	6.4/10.3		

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

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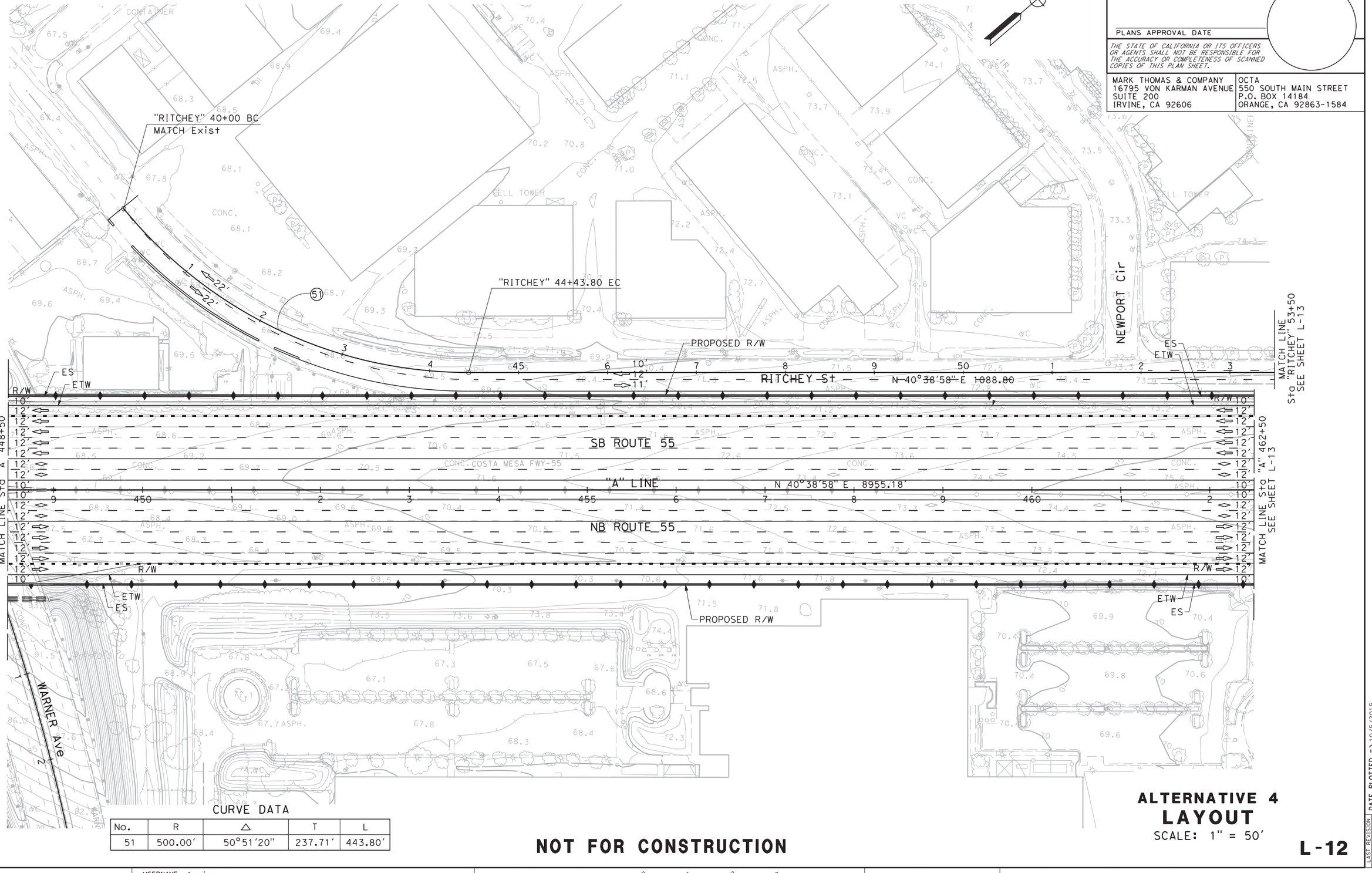

No.	R	△	T	L
51	500.00′	50°51′20"	237.71′	443.80′

NOT FOR CONSTRUCTION

ALTERNATIVE 4
LAYOUT
SCALE: 1" = 50′

L-12

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

CONSULTANT FUNCTIONAL SUPERVISOR: KAREN CHAPMAN

CALCULATED-DESIGNED BY: RYAN LAU
CHECKED BY: VICTOR LOPEZ

REVISED BY | DATE REVISED

LAST REVISION | DATE PLOTTED => 10/5/2015 | XX-XX-XX | TIME PLOTTED => 4:28:05 PM

BORDER LAST REVISED 7/2/2010

USERNAME => mpierce
DGN FILE => ...\Project Report\12XXXXea012.dgn

RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3

UNIT 12-XXXX

PROJECT NUMBER & PHASE 120000XXXX

NOTE:

1. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	55	6.4/10.3		

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

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OCTA
550 SOUTH MAIN STREET
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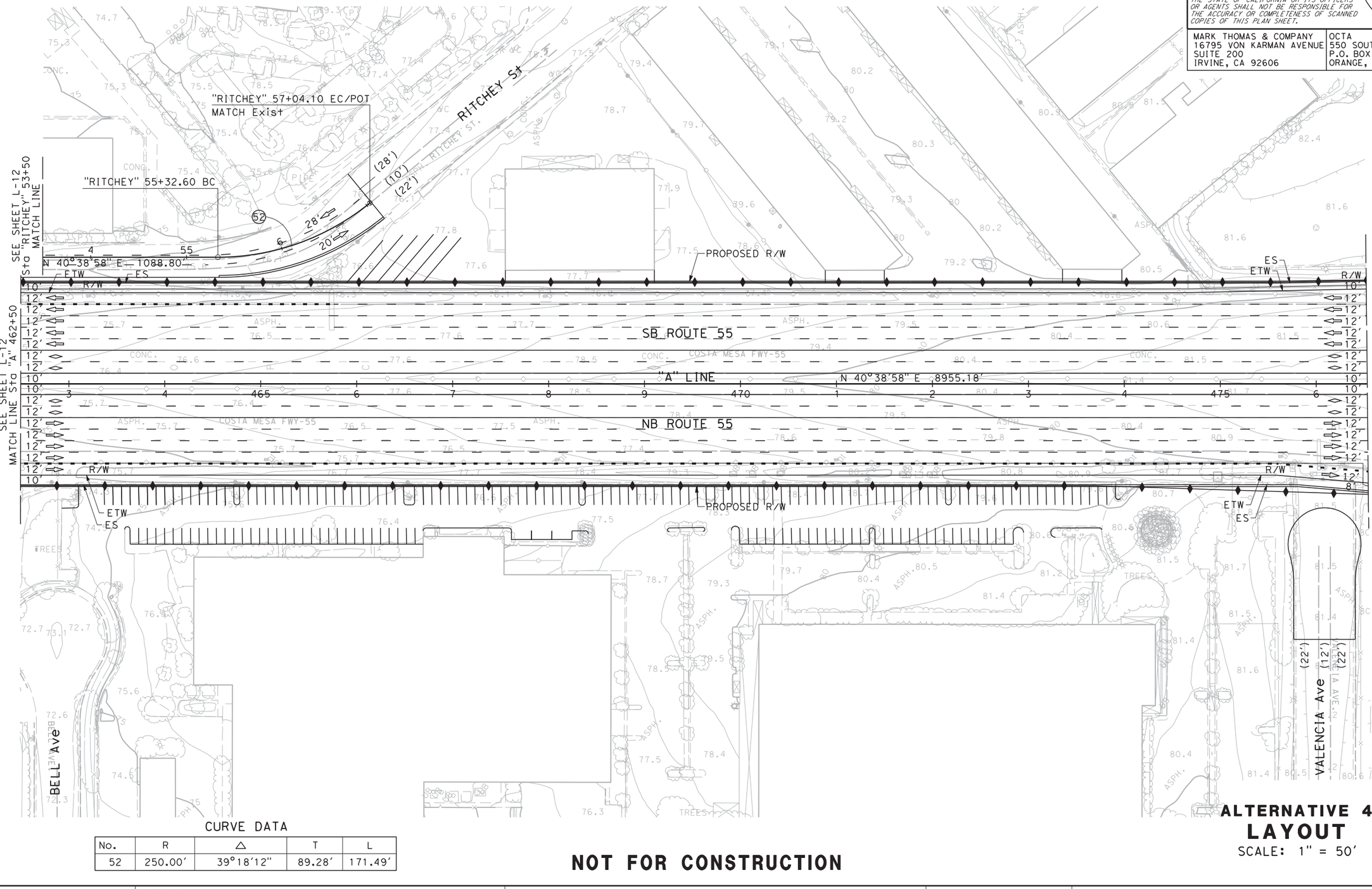
ORANGE, CA 92863-1584



CURVE DATA

No.	R	△	T	L
52	250.00'	39°18'12"	89.28'	171.49'

ALTERNATIVE 4

LAYOUT

SCALE: 1" = 50'

NOT FOR CONSTRUCTION

L-13

REVISED BY | DATE REVISED

RYAN LAU | VICTOR LOPEZ

CALCULATED-DESIGNED BY | CHECKED BY

CONSULTANT FUNCTIONAL SUPERVISOR

KAREN CHAPMAN

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans

LAST REVISION | DATE PLOTTED => 10/5/2015
XX-XX-XX | TIME PLOTTED => 4:28:23 PM

BORDER LAST REVISED 7/2/2010

USERNAME => mpierce
DGN FILE => ...\Project Report\12XXXXea013.dgn

RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3

UNIT 12-XXXX

PROJECT NUMBER & PHASE 120000XXXX

NOTE:

1. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	55	6.4/10.3		

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

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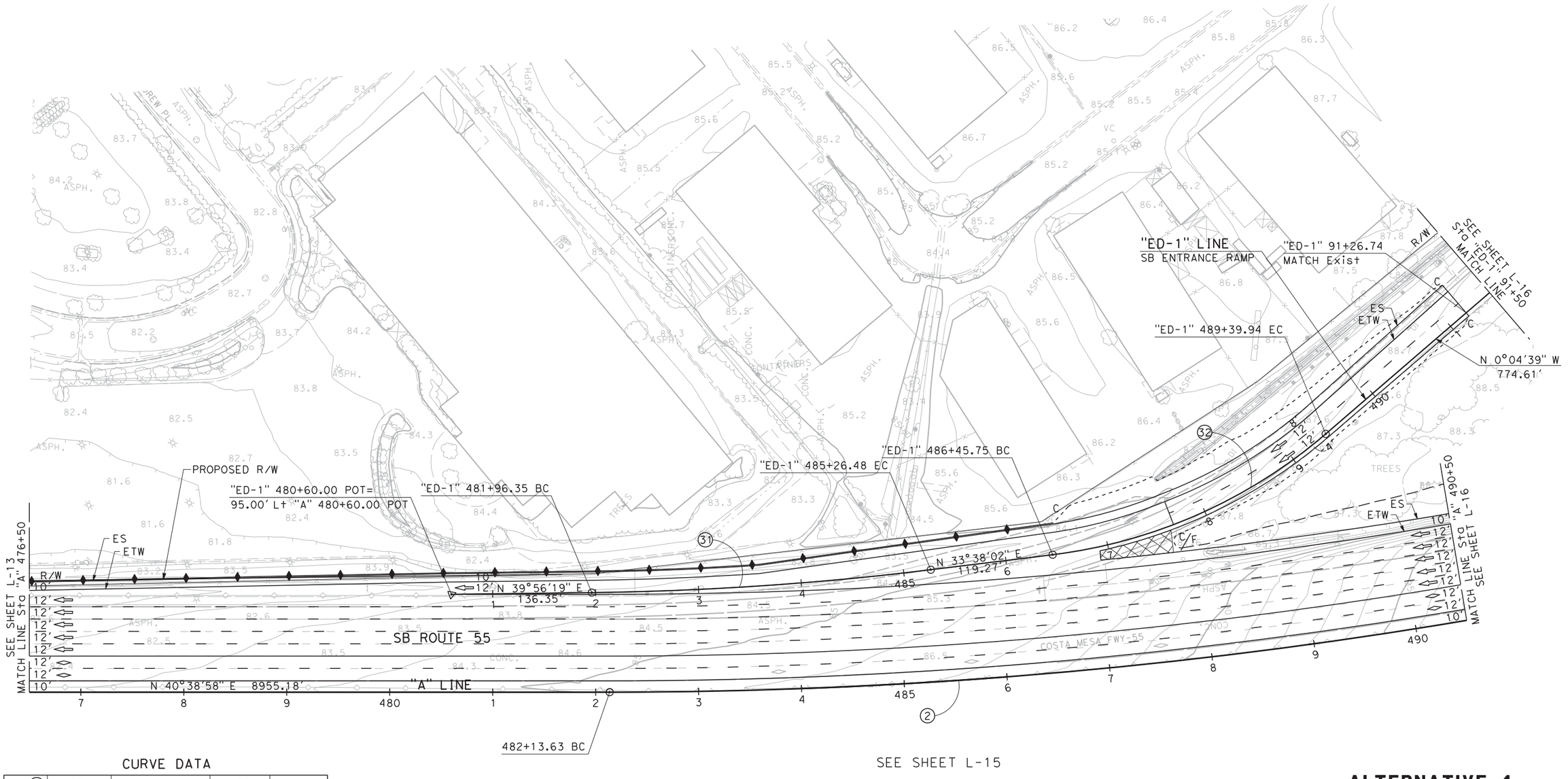

SEE SHEET L-15

CURVE DATA

No. (X)	R	△	T	L
2	5000.00′	39°58′13"	1818.39′	3488.07′
31	3000.00′	06°18′18"	165.23′	330.13′
32	500.00′	33°42′40"	151.49′	294.19′

NOT FOR CONSTRUCTION

ALTERNATIVE 4
LAYOUT
SCALE: 1" = 50′

L-14

REVISED BY	DATE REVISED

CALCULATED-DESIGNED BY: RYAN LAU
CHECKED BY: VICTOR LOPEZ
CONSULTANT FUNCTIONAL SUPERVISOR: KAREN CHAPMAN

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

LAST REVISION: XX-XX-XX
DATE PLOTTED => 10/5/2015
TIME PLOTTED => 4:28:40 PM

BORDER LAST REVISED 7/2/2010
USERNAME => mpierce
DGN FILE => ...\Project Report\12XXXXea014.dgn
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 12-XXXX
PROJECT NUMBER & PHASE 120000XXXX

NOTE:

1. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	55	6.4/10.3		

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

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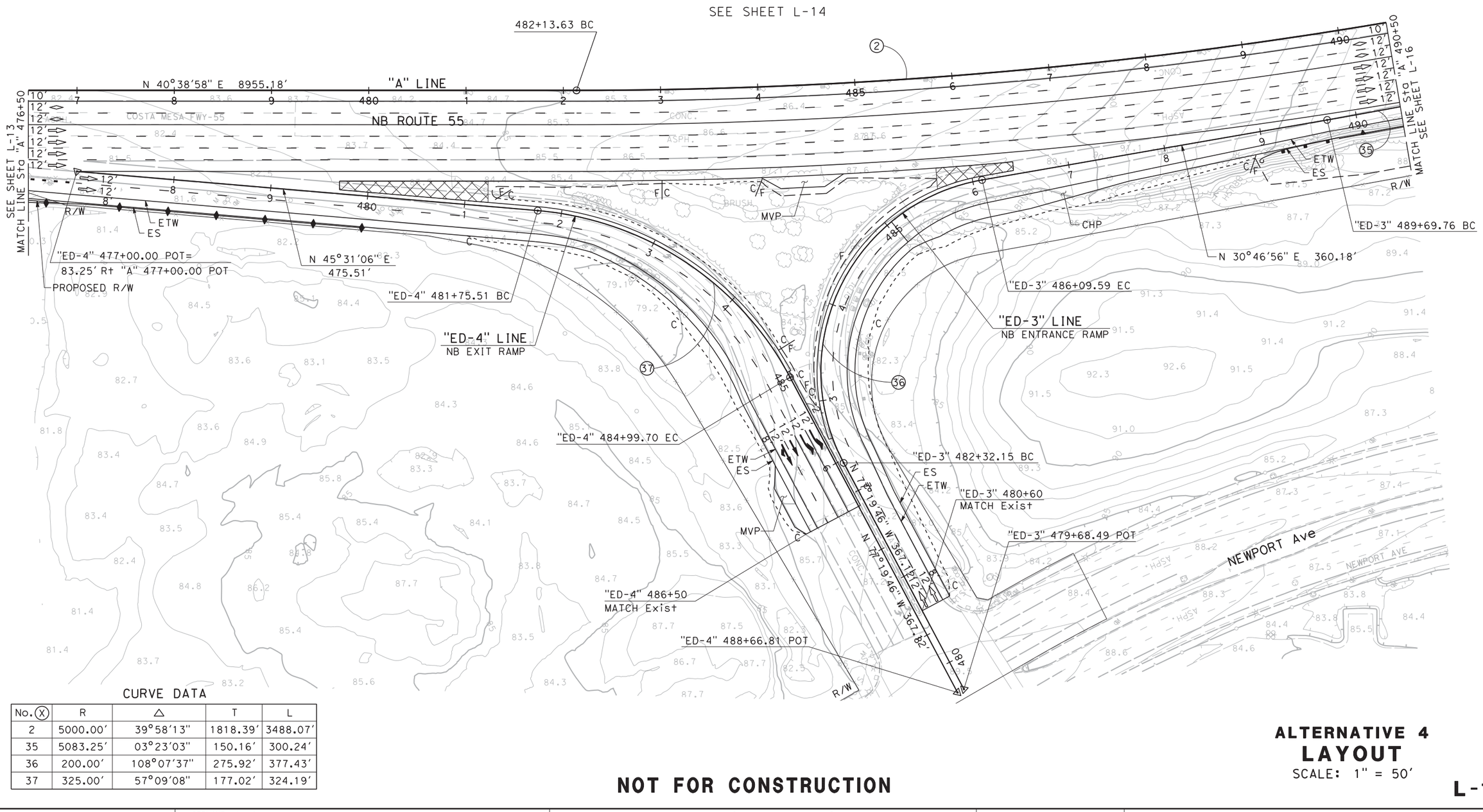

CURVE DATA

No. (X)	R	Δ	T	L
2	5000.00′	39°58′13"	1818.39′	3488.07′
35	5083.25′	03°23′03"	150.16′	300.24′
36	200.00′	108°07′37"	275.92′	377.43′
37	325.00′	57°09′08"	177.02′	324.19′

NOT FOR CONSTRUCTION

ALTERNATIVE 4
LAYOUT
SCALE: 1" = 50′

L-15

REVISED BY | DATE REVISED
RYAN LAU | VICTOR LOPEZ
CALCULATED-DESIGNED BY | CHECKED BY
CONSULTANT FUNCTIONAL SUPERVISOR
KAREN CHAPMAN
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

LAST REVISION DATE PLOTTED => 10/5/2015
XX-XX-XX TIME PLOTTED => 4:28:57 PM

BORDER LAST REVISED 7/2/2010
USERNAME => mpierce
DGN FILE => ...\Project Report\12XXXXea015.dgn
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 12-XXXX
PROJECT NUMBER & PHASE 120000XXXX

NOTE:

1. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	55	6.4/10.3		

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

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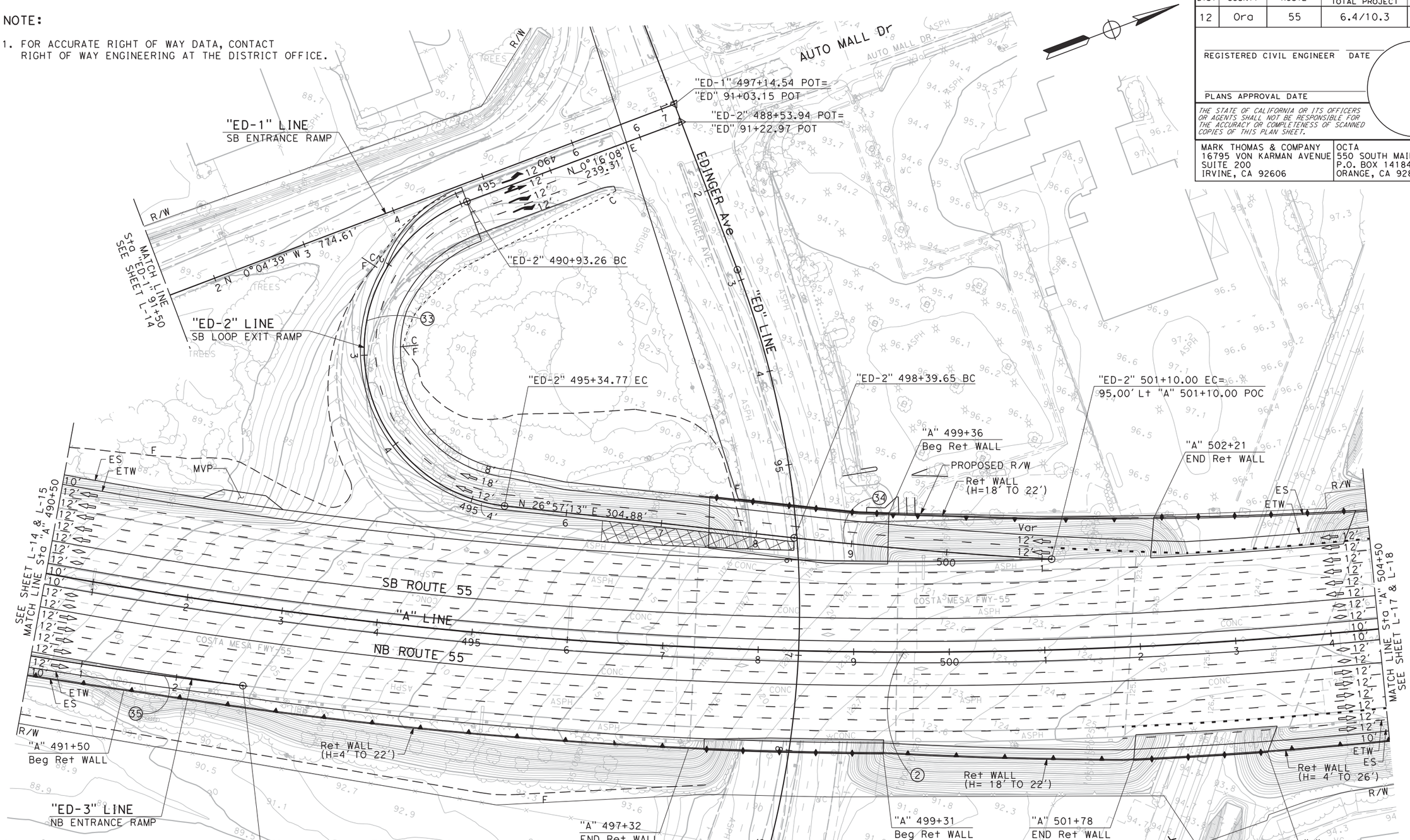

CURVE DATA

No. (X)	R	△	T	L
2	5000.00′	39°58′13"	1818.39′	3488.07′
33	165.00′	153°18′55"	695.70′	441.52′
34	4905.00′	03°09′29"	135.21′	270.35′
35	5083.25′	03°23′03"	150.16′	300.24′

NOT FOR CONSTRUCTION

ALTERNATIVE 4
LAYOUT
SCALE: 1" = 50′

L-16

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
CONSULTANT FUNCTIONAL SUPERVISOR: KAREN CHAPMAN
CALCULATED-DESIGNED BY: RYAN LAU
CHECKED BY: VICTOR LOPEZ
REVISED BY | DATE REVISED

LAST REVISION | DATE PLOTTED => 10/5/2015
XX-XX-XX | TIME PLOTTED => 4:29:15 PM

BORDER LAST REVISED 7/2/2010 | USERNAME => mpierce | DGN FILE => ...\Project Report\12XXXXea016.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 12-XXXX | PROJECT NUMBER & PHASE 120000XXXX

NOTE:

1. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	55	6.4/10.3		

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

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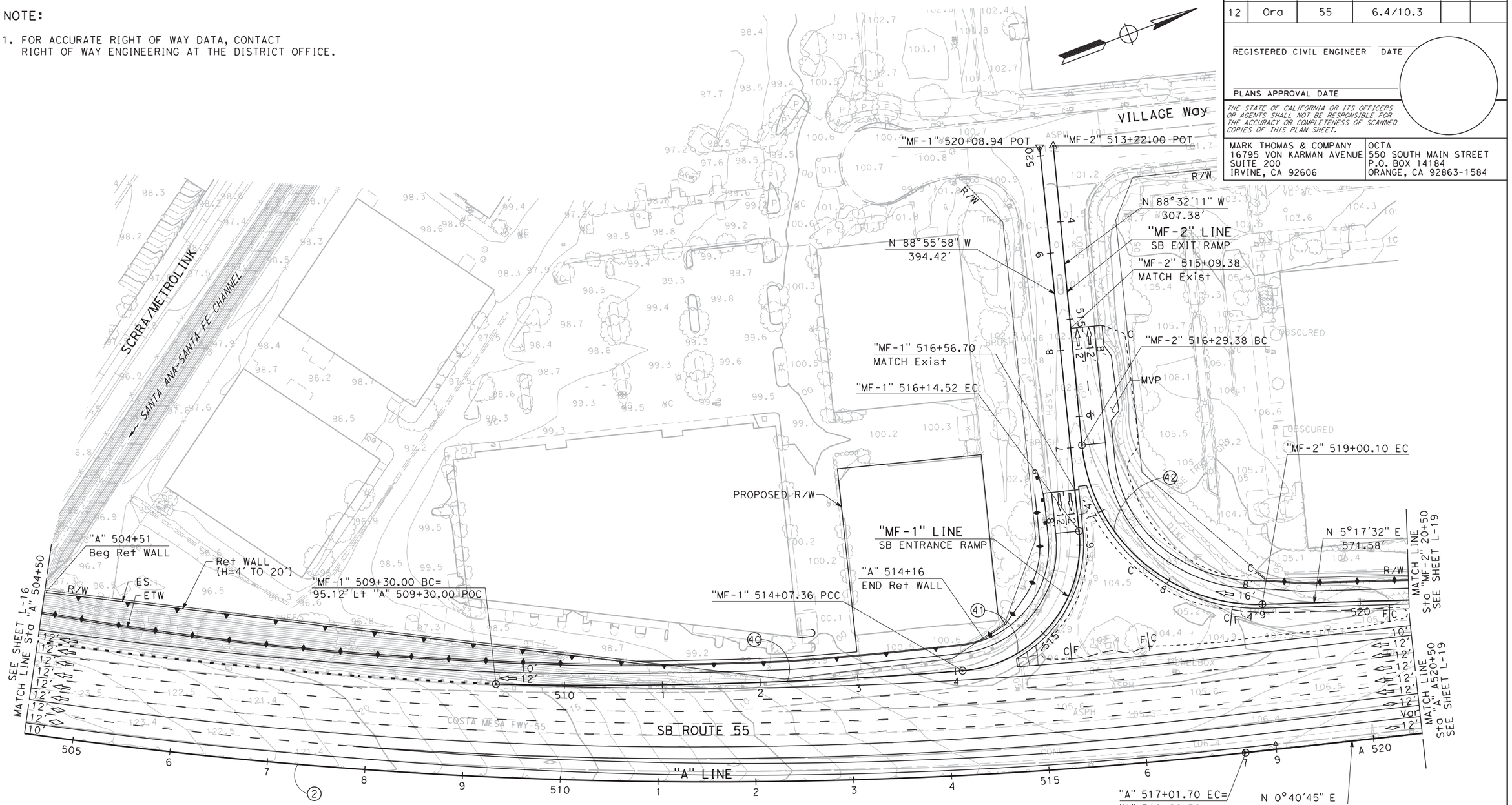

CURVE DATA

No. (X)	R	Δ	T	L
2	5000.00′	39°58′13"	1818.39′	3488.07′
40	4628.00′	05°54′36"	238.89′	477.36′
41	130.00′	91°18′00"	132.98′	207.15′
42	180.00′	86°10′18"	168.36′	270.72′

NOT FOR CONSTRUCTION

ALTERNATIVE 4
LAYOUT
SCALE: 1" = 50′

L-17

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

CONSULTANT FUNCTIONAL SUPERVISOR: KAREN CHAPMAN
CALCULATED-DESIGNED BY: RYAN LAU
CHECKED BY: VICTOR LOPEZ
REVISED BY / DATE REVISED

LAST REVISION | DATE PLOTTED => 10/5/2015 | XX-XX-XX | TIME PLOTTED => 4:29:33 PM

BORDER LAST REVISED 7/2/2010 | USERNAME => mpierce | DGN FILE => ...\Project Report\12XXXXea017.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 12-XXXX | PROJECT NUMBER & PHASE 120000XXXX

NOTE:

1. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	55	6.4/10.3		

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

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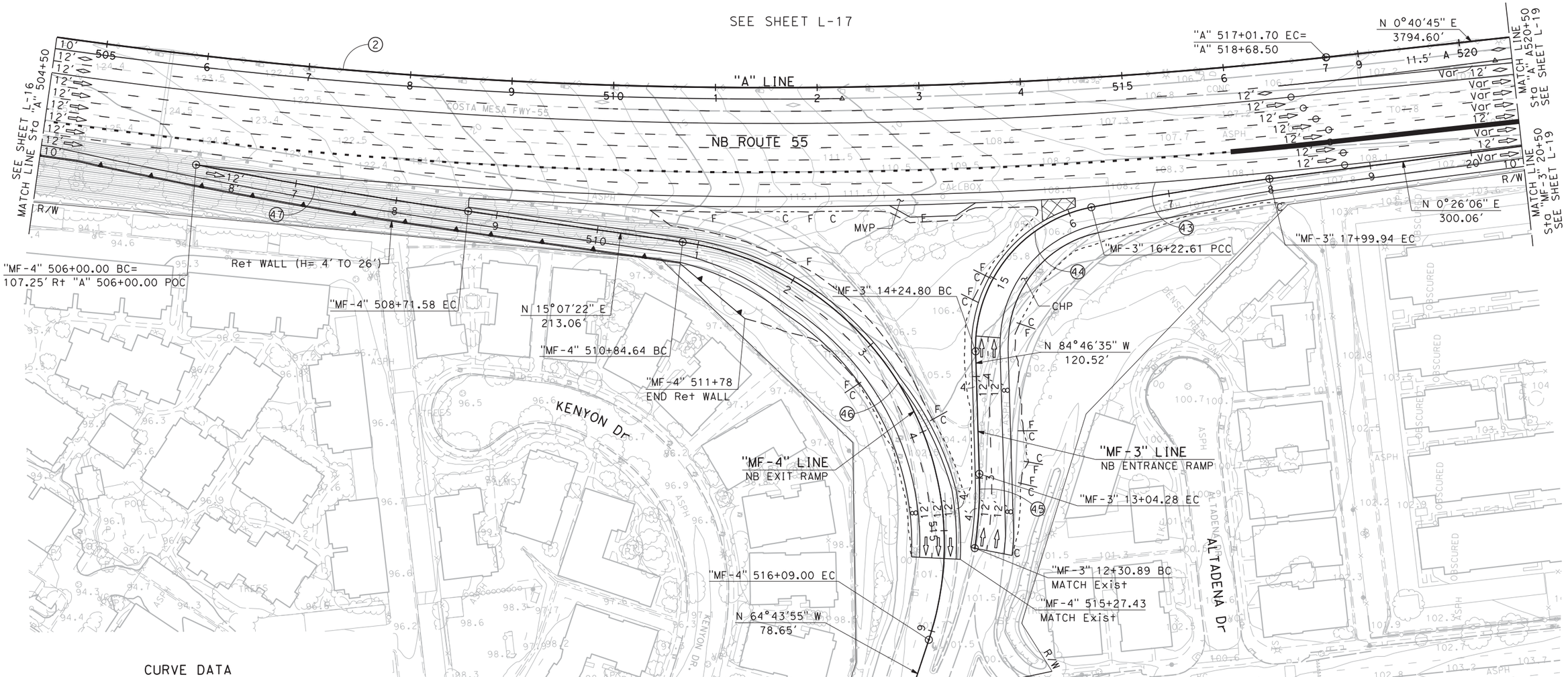

CURVE DATA

No.(X)	R	Δ	T	L
2	5000.00'	39°58'13"	1818.39'	3488.07'
43	3000.00'	03°23'13"	88.69'	177.34'
44	140.00'	80°57'17"	119.48'	197.81'
45	400.00'	10°30'43"	36.80'	73.39'
46	300.00'	100°08'44"	358.45'	524.36'
47	5107.25'	03°02'48"	135.82'	271.58'

NOT FOR CONSTRUCTION

ALTERNATIVE 4
LAYOUT
SCALE: 1" = 50'

L-18

REVISED BY | DATE REVISED
RYAN LAU | VICTOR LOPEZ
CALCULATED-DESIGNED BY | CHECKED BY
CONSULTANT FUNCTIONAL SUPERVISOR
KAREN CHAPMAN
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

LAST REVISION | DATE PLOTTED => 10/5/2015
XX-XX-XX | TIME PLOTTED => 4:29:51 PM

BORDER LAST REVISED 7/2/2010 | USERNAME => mpierce | DGN FILE => ...\Project Report\12XXXXea018.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 12-XXXX | PROJECT NUMBER & PHASE 120000XXXX

NOTE:

1. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	55	6.4/10.3		

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

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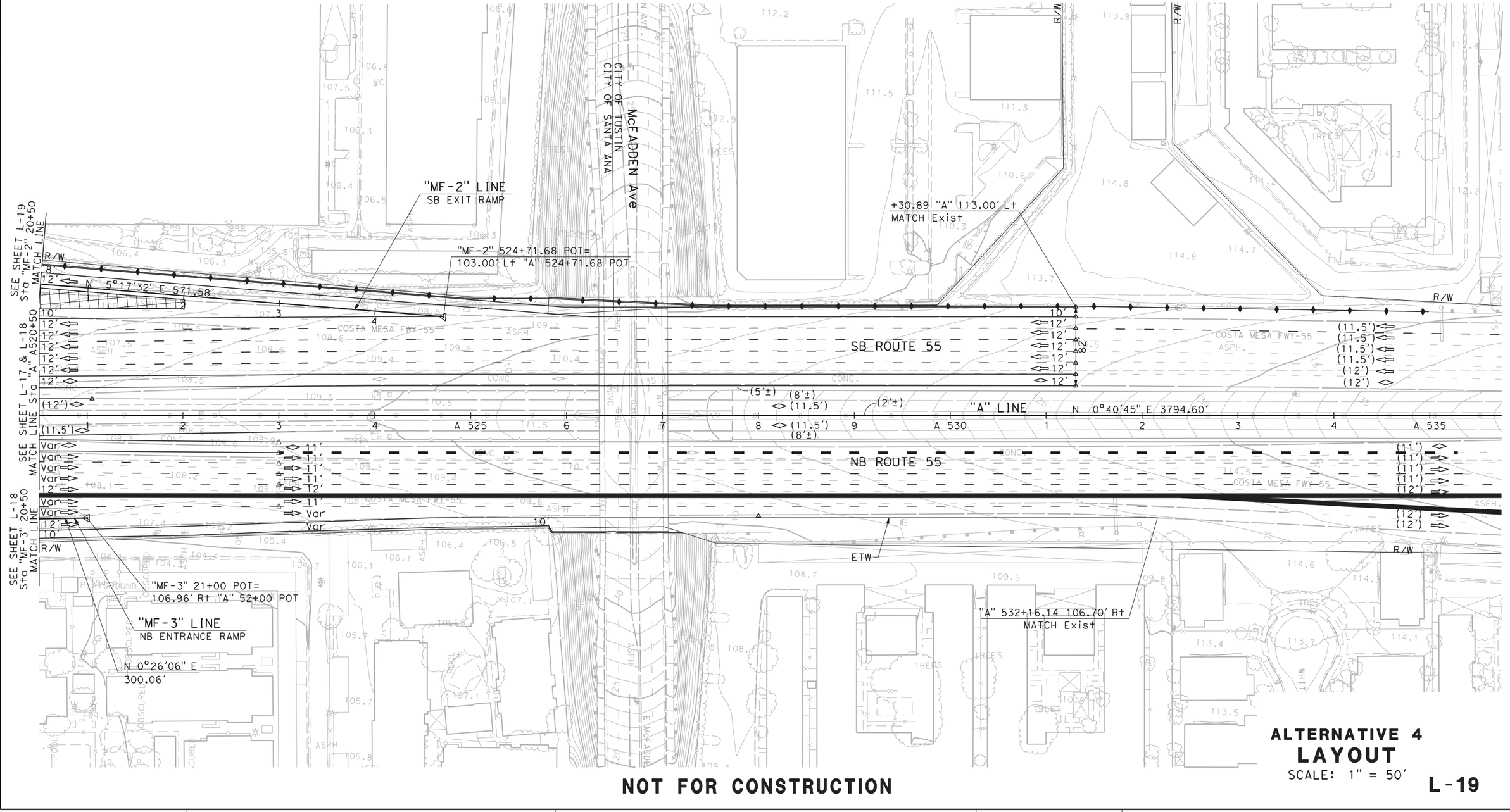

ALTERNATIVE 4

LAYOUT

SCALE: 1" = 50'

L-19

NOT FOR CONSTRUCTION

RYAN LAU — CALCULATED-DESIGNED BY
VICTOR LOPEZ — CHECKED BY
KAREN CHAPMAN — CONSULTANT FUNCTIONAL SUPERVISOR
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

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LAST REVISION DATE PLOTTED => 10/5/2015
XX-XX-XX TIME PLOTTED => 4:30:19 PM

BORDER LAST REVISED 7/2/2010

USERNAME => mpierce
DGN FILE => ...\Project Report\12XXXXea019.dgn

RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3

UNIT 12-XXXX

PROJECT NUMBER & PHASE 120000XXXX