Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
11	SD	5/56	52.6/56.0, R0.0/R4.1		

REGISTERED CIVIL ENGINEER DATE

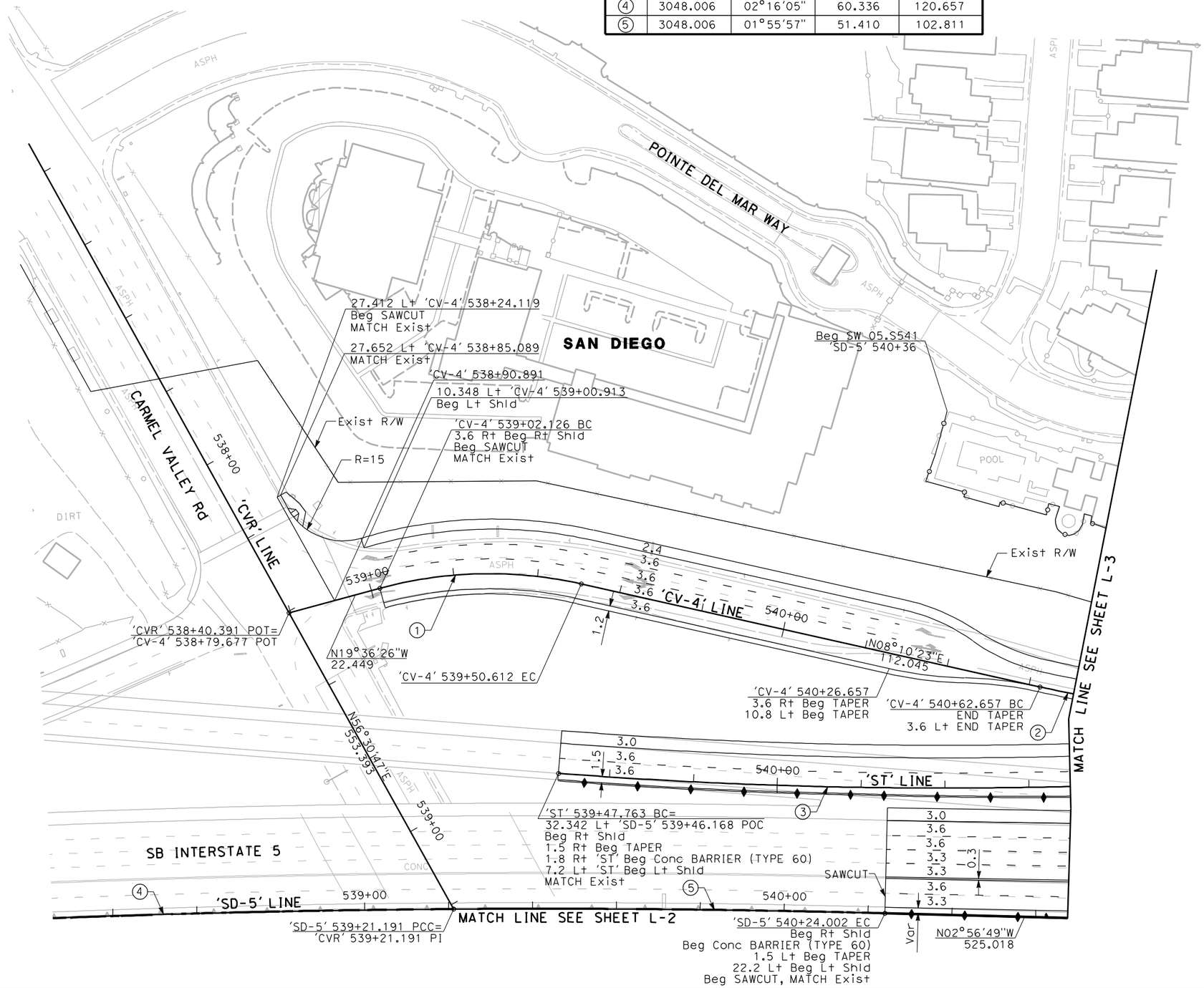
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER No. Exp. CIVIL STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF ELECTRONIC COPIES OF THIS PLAN SHEET.

Dokken Engineering
5675 Ruffin Road
Suite 250
San Diego, CA 92123

No.	R	Δ	T	L
①	100.000	27°46'49"	24.729	48.486
②	300.000	11°11'08"	29.377	58.567
③	1200.000	08°03'47"	84.575	168.870
④	3048.006	02°16'05"	60.336	120.657
⑤	3048.006	01°55'57"	51.410	102.811



LEGEND

- ○ CURVE DATA NUMBER
- △ MBGR (SEE SUMMARY OF QUANTITY SHEETS FOR DETAILS)
- □ STRUCTURAL SECTION (SEE TYPICAL SECTIONS FOR STRUCTURAL SECTION TYPES)
- DETENTION BASIN

ABBREVIATIONS

CHP	CALIFORNIA HIGHWAY PATROL
C	CUT
F	FILL
P†	POINT
RP†	RADIUS POINT

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

ALTERNATIVE 2 LAYOUT

SCALE 1:1000

L-1

REVISED BY | DATE REVISED

CALCULATED-DESIGNED BY | CHECKED BY

CONSULTANT FUNCTIONAL SUPERVISOR

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

LAST REVISION 00-00-00 | DATE PLOTTED => 3/30/2012 | TIME PLOTTED => 1:48:21 PM

BORDER LAST REVISED 3/1/2007 | RELATIVE BORDER SCALE IS IN MILLIMETERS 0 20 40 60 80 | USERNAME => Merjad | DGN FILE => ...\1643ea001_alt2.dgn | CU 00000 | EA 177900

CURVE DATA				
No.	R	Δ	T	L
①	3048.006	02°16'05"	60.336	120.657
②	3048.006	01°55'57"	51.410	102.811
③	198.125	17°38'58"	30.759	61.030
④	75.000	18°03'34"	11.919	23.640
⑤	350.000	20°34'02"	63.502	125.638
⑥	580.000	08°48'10"	44.643	89.111
⑦	220.000	110°22'36"	316.401	423.816

Caltrans Metric

Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
11	SD	5/56	52.6/56.0, R0.0/R4.1		

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER No. Exp. CIVIL STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF ELECTRONIC COPIES OF THIS PLAN SHEET.

Dokken Engineering
5675 Ruffin Road
Suite 250
San Diego, CA 92123

'SD-5' LINE
MATCH LINE SEE SHEET L-1
538+00
539+00
'SD-5' 539+21.191 PCC=
'CVR' 539+21.191 POT
NB INTERSTATE 5
N56°30'47"E
553.593
'CVR' LINE
'SD-5' 540+24.002 EC
Beg Conc BARRIER (TYPE 60)
N02°56'49"W
525.018
25.801 Rt 'SD-5' 540+89.932
Beg Rt Shld
MATCH LINE SEE SHEET L-3
MATCH LINE SEE SHEET L-4
540+00
N18°55'41"W
20.643
'NT' 540+00.740 BC
10.5 Rt Beg Conc BARRIER
(TYPE 60)
28.466 Rt 'SD-5'
540+23.677
Beg Conc BARRIER
(TYPE 60)
'NT' 539+80.097 POT
Beg Lt Shld
1.8 Lt Beg Conc BARRIER (TYPE 60)
7.2 Rt Beg Rt Shld
Beg SAWCUT, MATCH Exist
'CV-1' 539+60.741 POT=
'CVR' 540+09.568 POT
7.256 Rt 'CVR'
540+06.836
'CV-2' 537+88.984
Beg TAPER
7.2 Rt Beg TAPER
5.145 Lt 'CV-2' 538+66.402
Beg Conc BARRIER (TYPE 60)
'CV-2' 538+24.984 EC
3.6 Lt END TAPER
10.8 Rt END TAPER
6.339 Rt 'CVR' 539+73.161
Beg SAWCUT
MATCH Exist
9.937 Rt 'CVR' 539+73.063
Beg SW
4.8 Lt 'CV-2' 539+45.004
Beg SW
3.6 Lt 'CV-2' 539+44.723
END Lt Shld
5.113 Lt 'CV-2' 539+40
END Conc BARRIER
(TYPE 60)
SAWCUT
1.5 SW
'NT' LINE
1.8 Lt 'NT' 540+60
END Conc BARRIER
(TYPE 60)
'CV-1' LINE
N13°03'53"E
102.621
'CV-2' 537+63.954 BC=
30.022 Rt 'SD-5' 537+64.660 POC
'CV-2' Beg Lt Shld
7.2 Rt 'CV-2' Beg Rt Shld
MATCH Exist
13.3 Rt 'CV-2' 538+66.402
Beg Conc BARRIER (TYPE 60)
'CV-2' 539+27.605 BC
13.3 Rt 'CV-2' 539+40
END Conc BARRIER (TYPE 60)
10.801 Rt 'CV-2' 539+45.740
END Rt Shld
'CV-2' 539+51.245 EC
13.926 Rt 'CV-2' 539+49.813
Beg SW
R=15
N04°59'40"W
17.094
'CV-2' 539+68.339 POT=
'CVR' 540+11.026 POT
2.104 Lt 'CVR' 540+31.166
Beg TAPER
3.979 Rt 'CVR' 540+39.038
Beg TAPER
0.379 Rt 'CVR' 540+66
END TAPER
0.379 Rt 'CVR' 540+89.584
END TAPER
19.879 Rt 'CVR' 541+02.145
Beg TAPER
R=
1.5
N12°51'15"W
55.432
R=15
'CV-1' 540+16.172 BC
7.2 Rt 'CV-1' 540+04.756
Beg Rt Shld
'CV-1' 539+89.749
Beg Lt Shld
27.626 Lt 'CVR'
540+34.412
Beg SW
19.124 Lt 'CVR' 540+48.101
Beg RW
18.312 Lt 'CVR' 540+67.195
1.5 SW
'CVR' 540+89.966
15.545 Lt END SW
17.345 Lt END RW
3.221 Lt 'CVR' 540+89.660
Exist R/W
SAWCUT
'SE' LINE
CARMEL VALLEY Rd
3.221
1.5 SW
MATCH LINE SEE SHEET L-16
SAN DIEGO
DIRT
ASPH
Exist R/W
3.6
3.0
2.4
1.5
5.124

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

ALTERNATIVE 2 LAYOUT

SCALE 1:1000

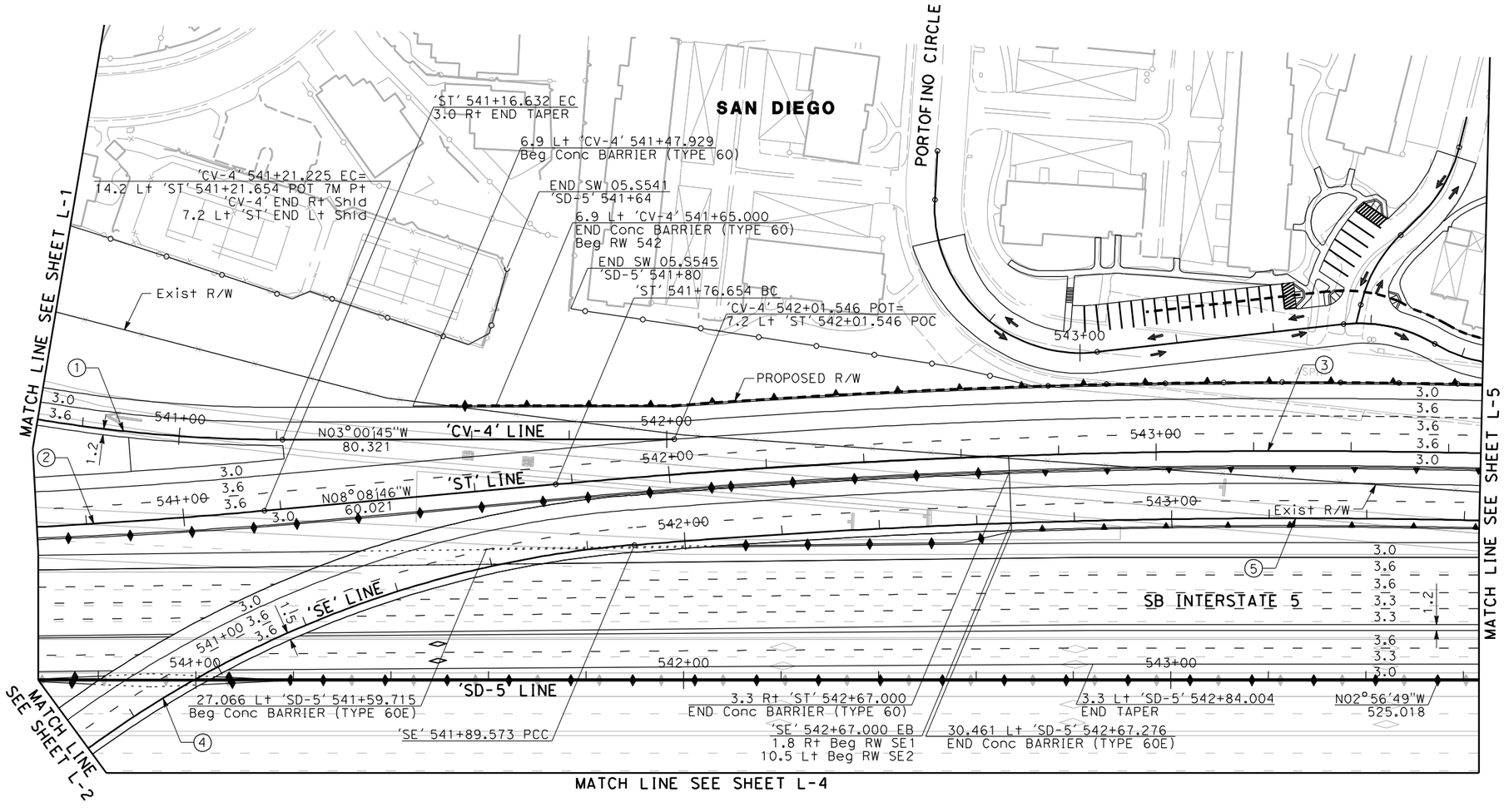
L-2

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

LAST REVISION 00-00-00
DATE PLOTTED => 3/30/2012
TIME PLOTTED => 1:48:28 PM

BORDER LAST REVISED 3/1/2007
RELATIVE BORDER SCALE IS IN MILLIMETERS 0 20 40 60 80
USERNAME => Merjad
DGN FILE => ...\1643ea002_alt2.dgn
CU 00000
EA 177900

CURVE DATA				
No.	R	Δ	T	L
①	300.000	11°11'08"	29.377	58.567
②	1200.000	08°03'47"	84.575	168.870
③	1663.800	08°03'42"	117.243	234.098
④	220.000	110°22'36"	316.401	423.816
⑤	1650.000	07°32'40"	108.790	217.266



Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
11	SD	5/56	52.6/56.0, R0.0/R4.1		

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER No. Exp. CIVIL STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF ELECTRONIC COPIES OF THIS PLAN SHEET.

Dokken Engineering
5675 Ruffin Road
Suite 250
San Diego, CA 92123

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

ALTERNATIVE 2
LAYOUT
SCALE 1:1000

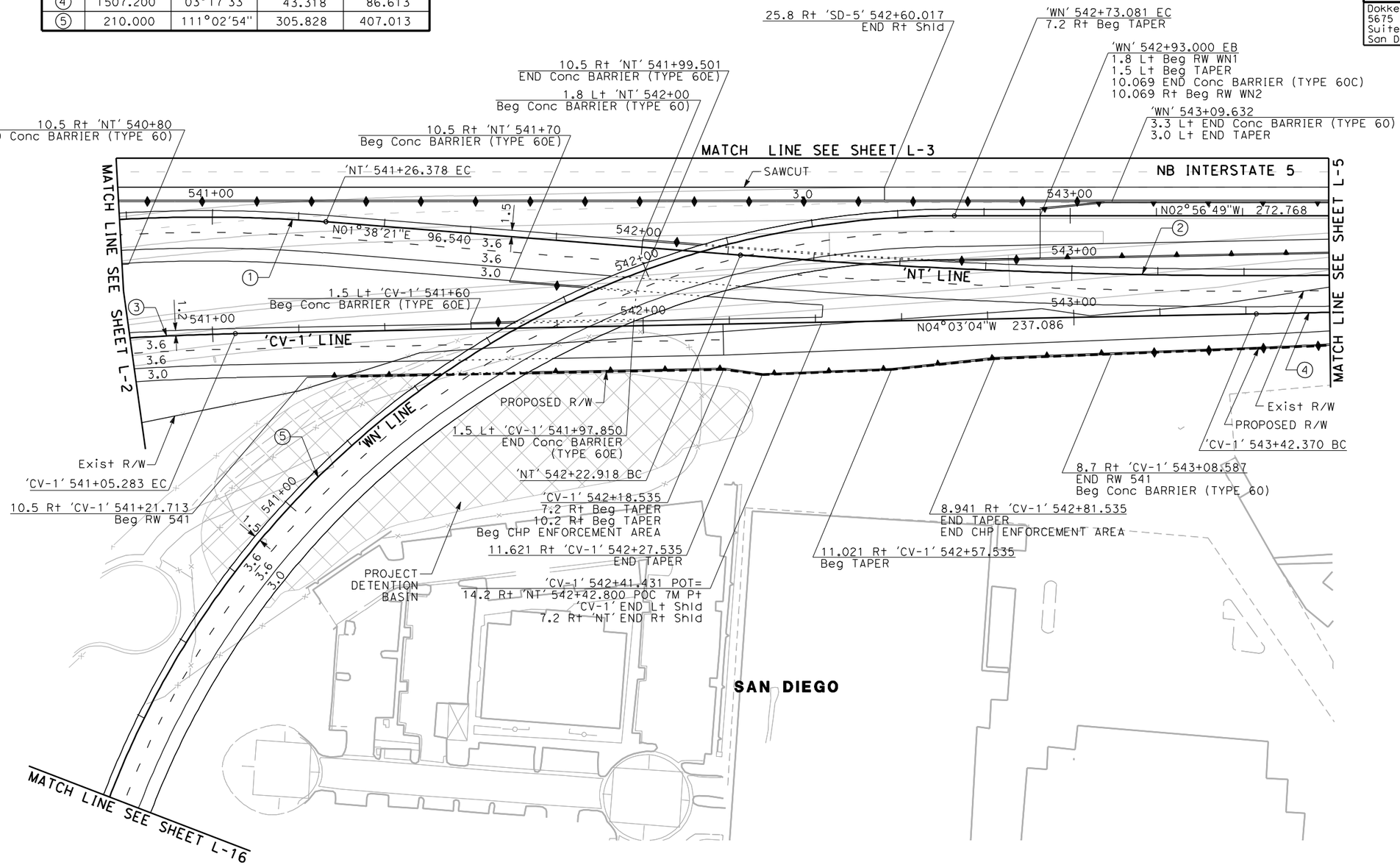
L-3

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

LAST REVISION 00-00-00 | DATE PLOTTED => 3/30/2012 | TIME PLOTTED => 11:48:30 PM

BORDER LAST REVISED 3/1/2007 | RELATIVE BORDER SCALE IS IN MILLIMETERS 0 20 40 60 80 | USERNAME => Merjad | DGN FILE => ...\1643ea003_alt2.dgn | CU 00000 | EA 177900

CURVE DATA				
No.	R	Δ	T	L
①	350.000	20°34'02"	63.502	58.567
②	1500.000	07°52'16"	103.195	206.065
③	580.000	08°48'10"	44.643	89.111
④	1507.200	03°17'33"	43.318	86.613
⑤	210.000	111°02'54"	305.828	407.013



ALL DIMENSIONS ARE IN
METERS UNLESS OTHERWISE SHOWN

ALTERNATIVE 2
LAYOUT
SCALE 1:1000

L-4

Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
11	SD	5/56	52.6/56.0, R0.0/R4.1		

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER No. Exp. CIVIL STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF ELECTRONIC COPIES OF THIS PLAN SHEET.

Dokken Engineering
5675 Ruffin Road
Suite 250
San Diego, CA 92123

REVISED BY | DATE REVISED

CALCULATED-DESIGNED BY | CHECKED BY

CONSULTANT FUNCTIONAL SUPERVISOR

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

LAST REVISION 00-00-00 | DATE PLOTTED => 3/30/2012 | TIME PLOTTED => 1:48:31 PM

BORDER LAST REVISED 3/1/2007 | RELATIVE BORDER SCALE IS IN MILLIMETERS 0 20 40 60 80 | USERNAME => Merjad | DGN FILE => ...\1643ea004_alt2.dgn | CU 00000 | EA 177900

Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
11	SD	5/56	52.6/56.0, R0.0/R4.1		

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

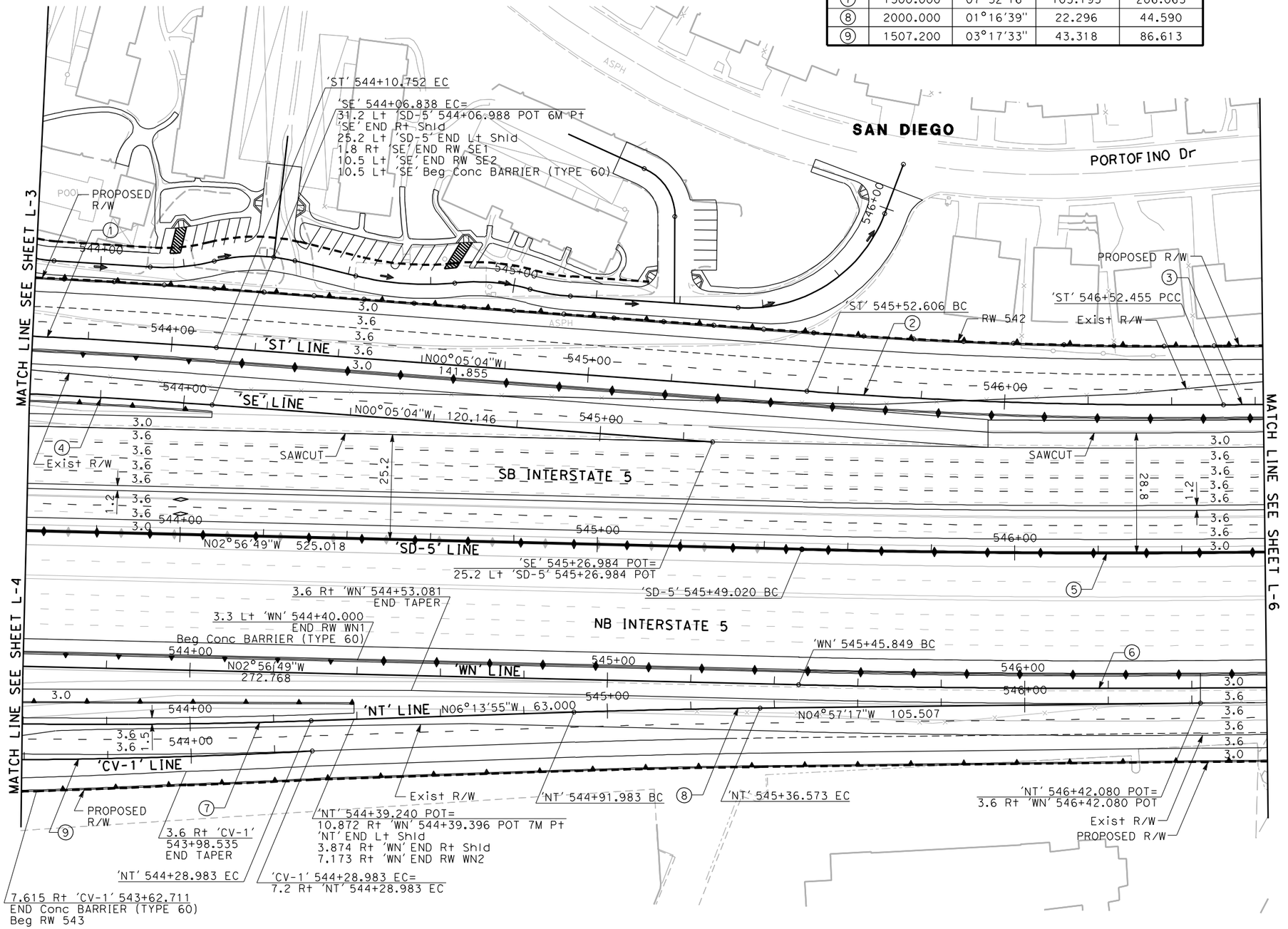
REGISTERED PROFESSIONAL ENGINEER No. Exp. CIVIL STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF ELECTRONIC COPIES OF THIS PLAN SHEET.

Dokken Engineering
5675 Ruffin Road
Suite 250
San Diego, CA 92123

Caltrans Metric

CURVE DATA				
No.	R	Δ	T	L
①	1663.800	08°03'42"	117.243	234.098
②	1200.000	04°46'03"	49.953	99.848
③	3011.833	03°35'25"	94.391	188.721
④	1650.000	07°32'40"	108.790	217.266
⑤	3048.006	05°29'42"	146.273	292.322
⑥	3080.406	05°29'42"	147.828	295.429
⑦	1500.000	07°52'16"	103.195	206.065
⑧	2000.000	01°16'39"	22.296	44.590
⑨	1507.200	03°17'33"	43.318	86.613



ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

ALTERNATIVE 2 LAYOUT

SCALE 1:1000

L-5

REVISED BY | DATE REVISED

CALCULATED-DESIGNED BY | CHECKED BY

CONSULTANT FUNCTIONAL SUPERVISOR

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans

LAST REVISION 00-00-00 | DATE PLOTTED => 3/30/2012 | TIME PLOTTED => 11:48:33 PM

BORDER LAST REVISED 3/1/2007

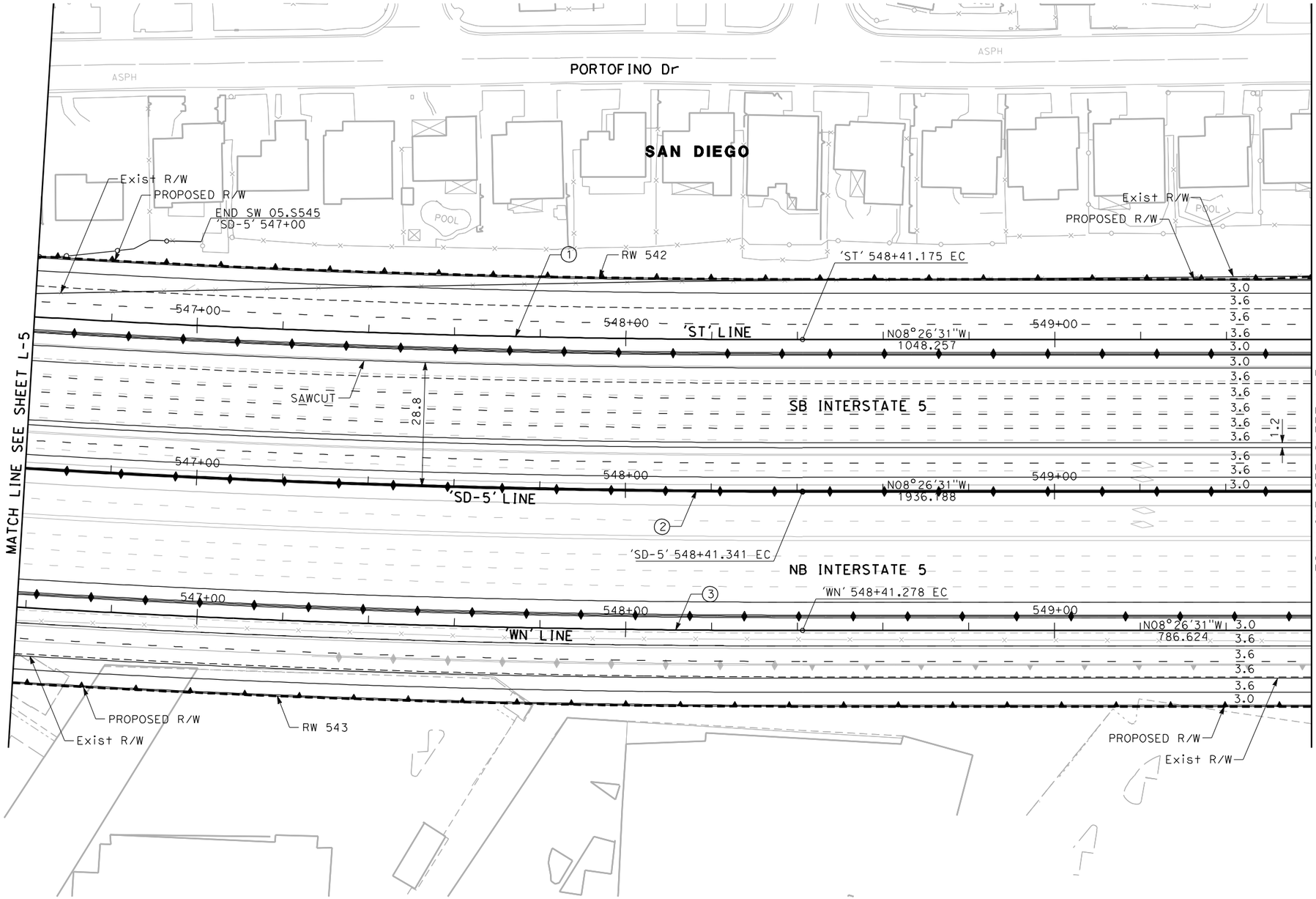
RELATIVE BORDER SCALE IS IN MILLIMETERS 0 20 40 60 80

USERNAME => Merjad
DGN FILE => ...\1643ea005_alt2.dgn

CU 00000

EA 177900

CURVE DATA				
No.	R	Δ	T	L
①	3011.833	03°35'25"	94.391	188.721
②	3048.006	05°29'42"	146.273	292.322
③	3080.406	05°29'42"	147.828	295.429



ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

ALTERNATIVE 2
LAYOUT
SCALE 1:1000

L-6

Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
11	SD	5/56	52.6/56.0, R0.0/R4.1		

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — No. Exp. CIVIL — STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF ELECTRONIC COPIES OF THIS PLAN SHEET.

Dokken Engineering
5675 Ruffin Road
Suite 250
San Diego, CA 92123

REVISED BY | DATE REVISED

CALCULATED-DESIGNED BY | CHECKED BY

CONSULTANT FUNCTIONAL SUPERVISOR

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

LAST REVISION 00-00-00 | DATE PLOTTED => 3/30/2012 | TIME PLOTTED => 11:48:34 PM

BORDER LAST REVISED 3/1/2007

RELATIVE BORDER SCALE IS IN MILLIMETERS 0 20 40 60 80

USERNAME => Merjad
DGN FILE => ...\1643ea006_alt2.dgn

CU 00000

EA 177900

Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
11	SD	5/56	52.6/56.0, R0.0/R4.1		

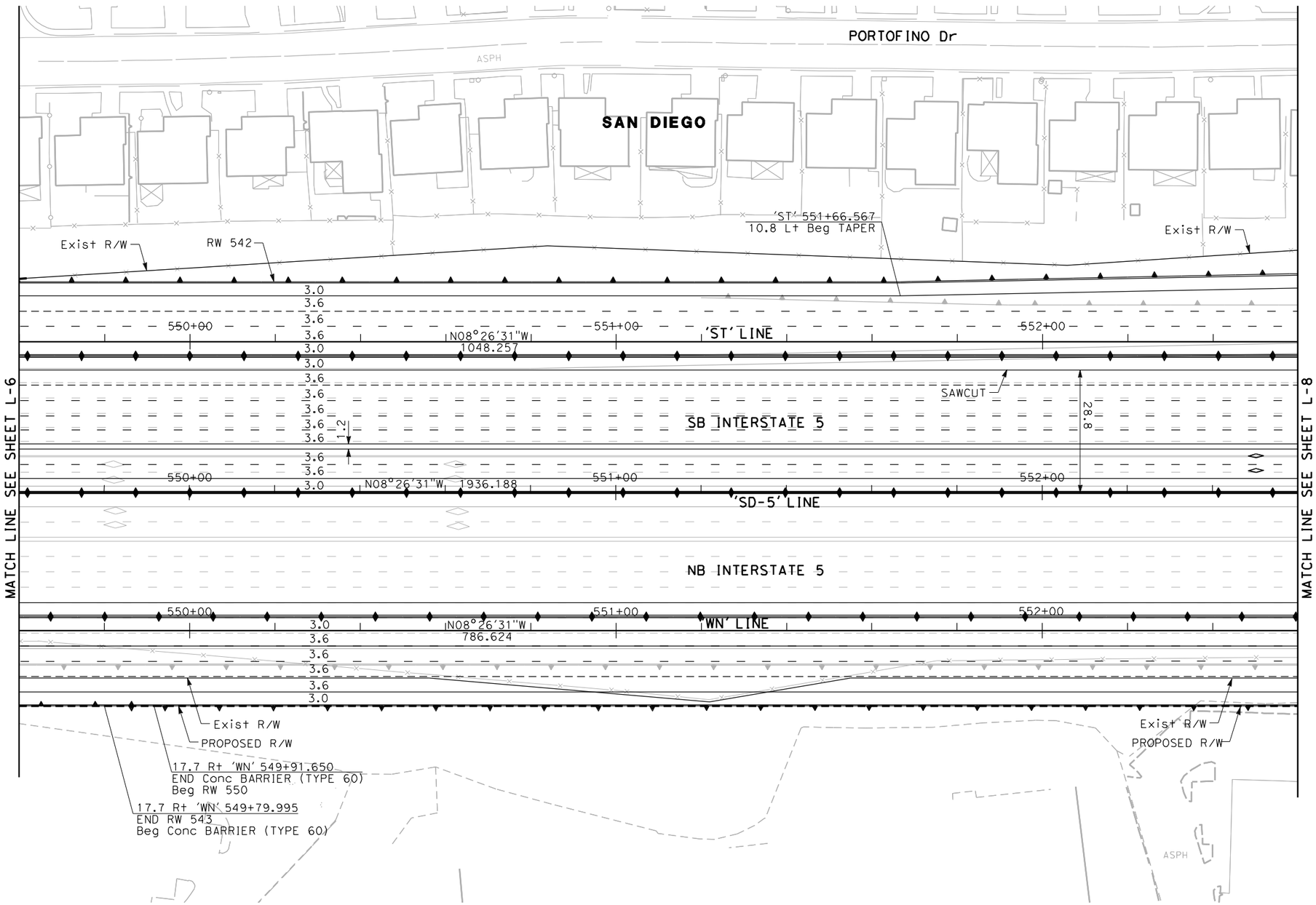
REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER No. Exp. CIVIL STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF ELECTRONIC COPIES OF THIS PLAN SHEET.

Dokken Engineering
5675 Ruffin Road
Suite 250
San Diego, CA 92123



ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

ALTERNATIVE 2
LAYOUT
SCALE 1:1000

L-7

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans

CONSULTANT FUNCTIONAL SUPERVISOR | CALCULATED-DESIGNED BY | CHECKED BY | REVISED BY | DATE REVISED

LAST REVISION 00-00-00 | DATE PLOTTED => 3/30/2012 | TIME PLOTTED => 1:48:35 PM

BORDER LAST REVISED 3/1/2007

RELATIVE BORDER SCALE IS IN MILLIMETERS 0 20 40 60 80

USERNAME => Merjad
DGN FILE => ...\1643ea007_alt2.dgn

CU 00000

EA 177900

CURVE DATA				
No.	R	Δ	T	L
①	1000.000	02°51'52"	25.002	49.994

Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
11	SD	5/56	52.6/56.0, R0.0/R4.1		

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER No. Exp. CIVIL STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF ELECTRONIC COPIES OF THIS PLAN SHEET.

Dokken Engineering
5675 Ruffin Road
Suite 250
San Diego, CA 92123

REVISED BY | DATE REVISED

CALCULATED-DESIGNED BY | CHECKED BY

CONSULTANT FUNCTIONAL SUPERVISOR

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans

PORTOFINO Dr

ASPH

SAN DIEGO

'DEL-3' 555+35.986 POT=
17.8 Lt 'ST' 555+35.813 POT 7M Pt
'DEL-3' Beg Rt Shld
10.8 Lt 'ST' Beg Lt Shld

Beg SW 05.S555
SD-5' 555+20

Exist R/W

PROPOSED R/W

'DEL-3' 554+96.643 EC

POOL

Exist R/W

'DEL-3' 553+46.629 POT=
10.8 Lt 'ST' 553+46.629 POT
3.6 Lt END TAPER

RW 542

'DEL-3' 554+46.649 BC

①

3.0

'DEL-3' LINE

555+00

N12°27'08"W
202.305

N09°35'16"W 100.020

554+00

553+00

N08°26'31"W
1048.257

554+00

'ST' LINE

555+00

3.6
3.6
3.6
3.0
3.0
3.6
3.6
3.6
3.6
3.6
3.6
3.6
3.0

SAWCUT

28.8

SB INTERSTATE 5

1.2

MATCH LINE SEE SHEET L-7

MATCH LINE SEE SHEET L-9

553+00

N08°26'31"W 1936.188

554+00

555+00

SD-5' LINE

NB INTERSTATE 5

553+00

554+00

555+00

3.0
3.6
3.6
3.6
3.6
3.0

N08°26'31"W
786.624

'WN' LINE

Exist R/W

PROPOSED R/W

ASPH

17.7 Rt 'WN' 552+80.006
END RW 550
Beg Conc BARRIER (TYPE 60)

CONC

'WN' 554+97.393
17.4 Rt ANGLE Pt
17.7 Rt END Conc BARRIER (TYPE 60)
17.7 Rt Beg RW 555

PROPOSED R/W

Exist R/W

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

ALTERNATIVE 2 LAYOUT

SCALE 1:1000

L-8

LAST REVISION 00-00-00 | DATE PLOTTED => 3/30/2012 | TIME PLOTTED => 1:48:37 PM

BORDER LAST REVISED 3/1/2007

RELATIVE BORDER SCALE IS IN MILLIMETERS 0 20 40 60 80

USERNAME => Merjad
DGN FILE => ...\1643ea008_alt2.dgn

CU 00000

EA 177900

CURVE DATA				
No.	R	Δ	T	L
①	200.000	22°52'52"	40.474	79.870
②	1000.000	02°51'52"	25.002	49.994
③	3000.000	02°05'51"	54.918	109.824
④	1000.000	01°16'25"	11.114	22.228
⑤	280.000	11°24'24"	27.964	55.744

Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
11	SD	5/56	52.6/56.0, R0.0/R4.1		

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER No. Exp. CIVIL STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF ELECTRONIC COPIES OF THIS PLAN SHEET.

Dokken Engineering
5675 Ruffin Road
Suite 250
San Diego, CA 92123

'DEL-3' 556+61.697
13.8 Lt END TAPER
13.8 Lt END CHP ENFORCEMENT AREA
10.8 Lt END TAPER

14.828 Lt 'DEL-3' 556+52.958
Beg TAPER

3.6 Lt 'DEL-3' 555+53.697
Beg TAPER

END SW 05.S555
'SD-5' 556+37

12.612 Lt 'DEL-3' 556+19.701
END TAPER

9.389 Lt 'DEL-3' 555+95.406
Beg TAPER
Beg CHP ENFORCEMENT AREA

Exist R/W
PROPOSED R/W
POOL
POOL

'DEL-3' 556+98.947 BC
N35°19'60"W 79.682
'DEL-3' 557+78.818 EC
Exist R/W
PROPOSED R/W
RW 542
3.0
3.6
3.6
3.6
1.2
558+00
MATCH LINE
SEE SHEET L-10

'DEL-3' LINE
556+00
N12°27'08"W 202.305
557+00

'DEL-4' 556+80 POT=
7.2 Lt 'ST' 556+80 POT
3.6 Lt 'DEL-4' Beg TAPER

6.401 Lt 'DEL-4' 556+09.882
ANGLE Pt

'DEL-4' 557+80.020 BC

'DEL-4' LINE
557+00
N09°35'16"W 100.020
558+00

'ST' LINE
556+00
N08°26'31"W 1048.257
557+00
558+00

SB INTERSTATE 5
1.2
28.8
25.2
SAWCUT
556+00
N08°26'31"W 1936.188
557+00
558+00

'SD-5' LINE

MATCH LINE SEE SHEET L-8

29.099 Rt 'SD-5' 556+28.007
END Conc BARRIER (TYPE 60)

NB INTERSTATE 5

'WN' 556+27.902 BC
3.0 Lt END Lt Shld
556+00
N08°26'31"W 786.624

'WN' LINE
557+00

'WN' 557+37.726 EC
N10°32'22"W 31.901
'WN' 557+69.628 BC
'WN' 557+91.856 EC
N09°15'58"W 94.228
558+00

556+00
N03°33'46"W 150.2
557+00

'DEL-2' LINE
'DEL-2' 557+81.996
3.6 Lt END TAPER
10.8 Rt END TAPER
N07°50'38"E 110.521
558+00

PROPOSED R/W
Exist R/W

'DEL-2' 555+40 POT=
10.8 Rt 'WN' 555+40 POT

'DEL-2' 556+22.300 POT=
17.8 Rt 'WN' 556+22.002 POT 7M PT
'DEL-2' Beg Lt Shld
10.8 Rt 'WN' Beg Rt Shld

'DEL-2' 556+90.2 BC

'DEL-2' 557+45.944 EC
Beg TAPER

DIRT
ELEVATED PARKING AREA
SAN DIEGO
ASPH

PROPOSED R/W
MATCH LINE
SEE SHEET L-11

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

ALTERNATIVE 2 LAYOUT

SCALE 1:1000

L-9

LAST REVISION 00-00-00
DATE PLOTTED => 3/30/2012
TIME PLOTTED => 1:48:38 PM

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

BORDER LAST REVISED 3/1/2007

RELATIVE BORDER SCALE IS IN MILLIMETERS 0 20 40 60 80

USERNAME => Merjad
DGN FILE => ...\1643ea009_alt2.dgn

CU 00000

EA 177900

CURVE DATA				
No.	R	Δ	T	L
①	1000.000	02°51'52"	25.002	49.994
②	43.400	192°23'15"	399.909	145.728
③	80.000	43°15'27"	31.721	60.399
④	1370.000	02°41'03"	32.098	64.184
⑤	360.000	20°40'32"	65.669	129.909

Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
11	SD	5/56	52.6/56.0, R0.0/R4.1		

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER No. Exp. CIVIL STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF ELECTRONIC COPIES OF THIS PLAN SHEET.

Dokken Engineering
5675 Ruffin Road
Suite 250
San Diego, CA 92123

Caltrans Metric

REVISED BY | DATE REVISED

CALCULATED-DESIGNED BY | CHECKED BY

CONSULTANT FUNCTIONAL SUPERVISOR

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans

SAN DIEGO

Exist R/W
'DEL-5' 559+52.321 EC
10.8 Lt 'DEL-5' 559+52.338 Beg TAPER
21.010 Lt 'DEL-5' 559+43.486 Beg RW 559
1.5 Lt 'DEL-4' 560+45.696 Beg Conc BARRIER (TYPE 60)
'DEL-4' 560+75.610 EC
'DEL-5' 558+91.922 BC
'DEL-5' 558+50.737 Beg Rt Shld
1.5 Rt END Conc BARRIER (TYPE 60)
10.8 Lt 'DEL-5' 558+52.621 Beg Lt Shld
24.027 Lt 'DEL' 557+40.448 END SW
'DEL-4' 561+45.985 POT= 'DEL' 557+57.934 POT
'DEL-3' 558+58.500 POT
'DEL-5' 558+23.208 POT= 'DEL' 557+54.932 POT
5.273 Rt 'DEL' 557+34.103 END TAPER
18.526 Lt 'DEL' 557+13.688 END RW
15.144 Lt 'DEL' 556+55.707
'DEL' 555+63.937 11.1 Lt Beg SW 9.6 Lt Beg SAWCUT MATCH Exist
17.788 Lt 'DEL' 556+13.225 Beg RW
'DEL' 556+53.180 2.4 Lt Beg TAPER Beg SAWCUT MATCH Exist
1.5 SW
SAWCUT
556+00
557+00
'DEL' LINE
DEL MAR HEIGHTS Rd
'DEL' 556+35.577 EC
'DEL' 557+20 2.4 Rt Beg TAPER 14.7 Rt Beg SW Beg SAWCUT MATCH Exist
2.723 Rt 'DEL' 557+34.154 END TAPER
21.196 Rt 'DEL' 557+43.667 END SW
10.8 Lt 'DEL-3' 558+34.177 END Lt Shld
'DEL-3' 558+39.940 END Rt Shld
14.1 Lt 'DEL-3' 558+18.010 END RW 542
PORTOFINO Dr
R=12
R=14
R=5
3.977 Rt 'DEL' 557+89.006 Beg TAPER
'DEL' 557+99.000 BB
16.897 Rt 'DEL' 557+59.416 Beg SW
'DEL-3' LINE
N35°19'09"W 79.682
MATCH LINE
2.4 Lt 'DEL' 558+25.002 END TAPER
12.314 Lt 'DEL-4' 558+38.000 Beg TAPER
Beg CHP ENFORCEMENT AREA
'DEL-4' 558+69.358 POT= 14.2 Lt 'ST' 558+69.186 POT 7M Pt 'DEL-4' Beg Rt Shld 7.2 Lt 'ST' Beg Lt Shld
'DEL-5' LINE
N18°25'43"E 123.901
'DEL-4' LINE
560+00
561+00
N24°49'44"W 168.715
'DEL-4' 559+29.882 BC
'DEL-4' 559+10.000 15.2 Lt END TAPER 15.2 Lt END CHP ENFORCEMENT AREA 12.8 Lt END TAPER
S24°50'23"E 70.375
'DEL-4' 561+18.454 END Rt Shld
17.055 Lt 'DEL-4' 559+01.000 Beg TAPER
12.8 Lt 'DEL-4' 561+09.485 END Lt Shld
30.902 Lt 'DEL' 557+74.492 Beg SW
15.848 Lt 'DEL-4' 558+71.118 END TAPER
R=12
558+00
559+00
ASPH
'ST' 559+14.132 2.778 Rt END Rt Shld 3.080 Rt END Conc BARRIER (TYPE 60)
'ST' 559+53.616 EC
MATCH LINE
SEE SHEET L-12
'ST' LINE
N05°45'28"W 96.481
25.2
SB INTERSTATE 5
N08°26'31"W 1936.188
MATCH LINE SEE SHEET L-11
N12°27'08"W 99.868
N08°26'31"W 1048.257
SD-5 LINE
NB INTERSTATE 5
SEE SHEET L-9
'DEL-4' 558+30.014 EC
'ST' 558+89.432 BC

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

ALTERNATIVE 2 LAYOUT

SCALE 1:1000

L-10

LAST REVISION 00-00-00 | DATE PLOTTED => 3/30/2012 TIME PLOTTED => 1:48:40 PM

BORDER LAST REVISED 3/1/2007

RELATIVE BORDER SCALE IS IN MILLIMETERS 0 20 40 60 80

USERNAME => Merjad
DGN FILE => ...\1643ea010_alt2.dgn

CU 00000

EA 177900

Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
11	SD	5/56	52.6/56.0, R0.0/R4.1		

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER No. Exp. CIVIL STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF ELECTRONIC COPIES OF THIS PLAN SHEET.

Dokken Engineering
5675 Ruffin Road
Suite 250
San Diego, CA 92123

CURVE DATA				
No.	R	Δ	T	L
①	74.000	32°40'38"	21.693	42.204
②	260.000	16°16'59"	37.196	73.890

SAN DIEGO

MATCH LINE SEE SHEET L-12

'SD-5' LINE
N08°26'31"W
1936.188

NB INTERSTATE 5

'DEL-1' LINE

Exist R/W

'DEL-1' 559+77.098 BC
N28°44'07"W
75.037

22.099 Rt 'DEL-1' 559+65
Beg RW

10.8 Rt 'DEL-1' 559+40.244
Beg Rt Shld

31.432 Lt 'DEL' 559+91.042
Beg SW

24.855 Lt 'DEL' 560+33.171
END RW, Beg Conc BARRIER (TYPE 60)

22.163 Lt 'DEL' 560+58.263
Beg TAPER

17.907 Lt 'DEL' 560+85.128
END TAPER

18.903 Lt 'DEL' 561+07.818
END Conc BARRIER (TYPE 60)

'DEL' 561+75.244
2.4 Lt END TAPER
14.7 Lt END SW
16.2 Lt END TAPER
END SAWCUT
MATCH Exist

'DEL' LINE

559+00 560+00 561+00 562+00

DEL MAR HEIGHTS Rd

SAWCUT
26.0 Lt 'DEL'
559+24.260
Beg TAPER

'DEL-1' 559+29.847
Beg Lt Shld
1.2 ILt END SW

22.3 Lt 'DEL'
559+60.260
END TAPER

1.5 SW

R=5

R=16

R=12

MATCH LINE SEE SHEET L-10

'WN' LINE

'DEL' 559+44.000 EB

'DEL-2' 558+96.924
3.6 Lt END Lt Shld
4.8 Lt END SW

'DEL-2' 558+98.669 EC

'WN' 558+86.084 POT=
27.3 Rt 'SD-5'
558+86.084 POT

N09°15'58"W
94.228

'DEL-2' LINE
N07°50'38"E 110.521

MATCH LINE SEE SHEET L-9

'DEL' 560+03.424
8.5 Lt Beg TAPER
4.8 Rt Beg TAPER

21.801 Rt 'DEL' 559+93.582
Beg SW

'DEL-2' 559+16.221 POT=
'DEL-1' 559+02.060 POT=
'DEL' 559+77.968 POT

10.8 Rt 'DEL-2' 558+90.076
END Rt Shld

N24°49'60"W
17.552

'DEL-2' 558+56.465 BC

Exist R/W

PROPOSED R/W

'DEL' 561+07.582
2.4 Rt END TAPER
16.2 Rt END TAPER

16.736 Rt 'DEL' 560+97.381
END RW 555

'DEL' 561+55
14.7 Rt END SW
END SAWCUT
MATCH Exist

ASPH DIRT

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

ALTERNATIVE 2
LAYOUT
SCALE 1:1000

L-11

REVISED BY | DATE REVISED
CALCULATED-DESIGNED BY | CHECKED BY
CONSULTANT FUNCTIONAL SUPERVISOR

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

LAST REVISION 00-00-00 | DATE PLOTTED => 3/30/2012 | TIME PLOTTED => 11:48:41 PM

BORDER LAST REVISED 3/1/2007

RELATIVE BORDER SCALE IS IN MILLIMETERS 0 20 40 60 80

USERNAME => Merjad
DGN FILE => ...\1643ea011_alt2.dgn

CU 00000

EA 177900

Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
11	SD	5/56	52.6/56.0, R0.0/R4.1		

REGISTERED CIVIL ENGINEER DATE

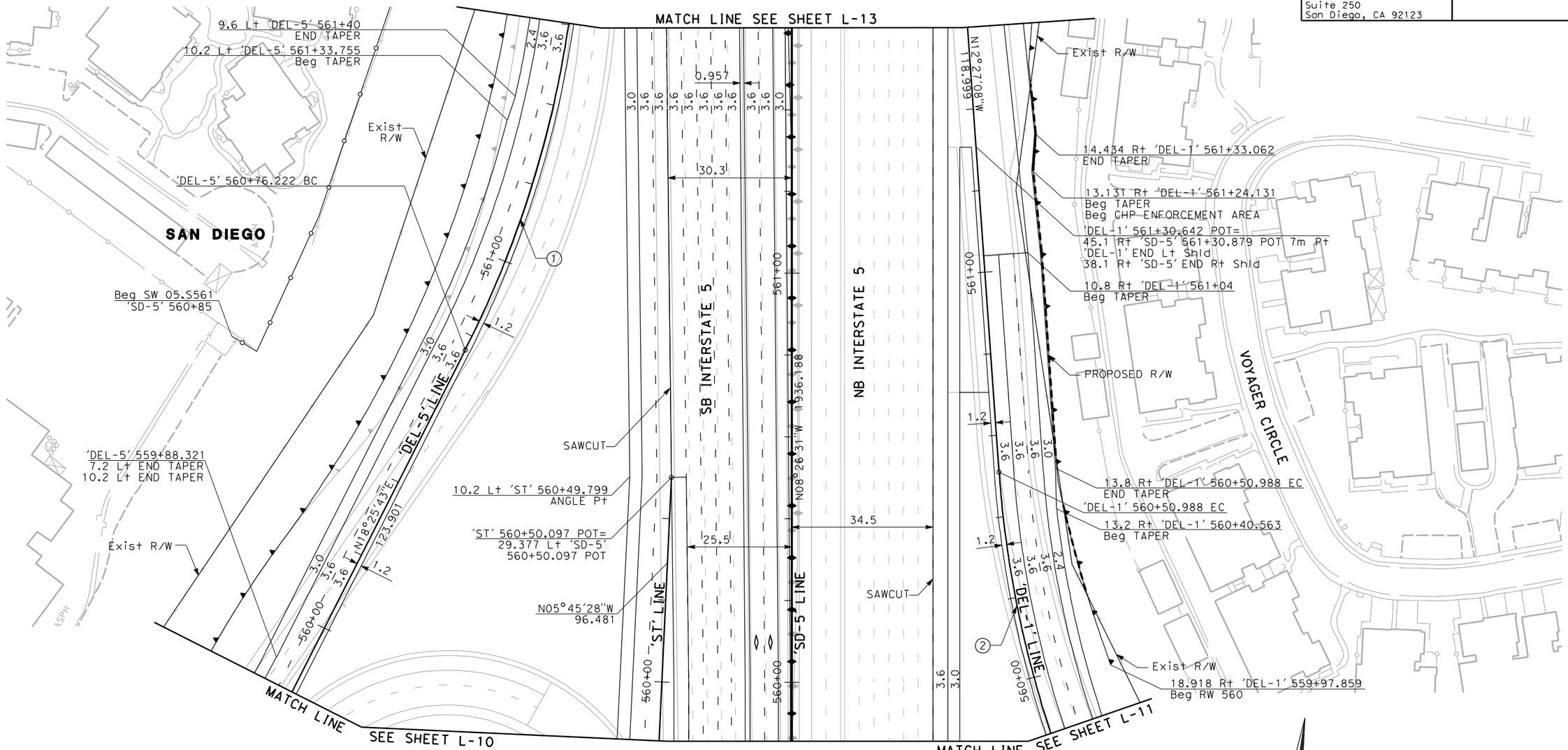
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER No. Exp. CIVIL STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF ELECTRONIC COPIES OF THIS PLAN SHEET.

Dokken Engineering
5675 Ruffin Road
Suite 250
San Diego, CA 92123

CURVE DATA				
No.	R	Δ	T	L
①	260.000	21°59'29"	50.519	99.794
②	260.000	16°16'59"	37.196	73.890



ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

ALTERNATIVE 2 LAYOUT

SCALE 1:1000

L-12

REVISED BY | DATE REVISED

CALCULATED-DESIGNED BY | CHECKED BY

CONSULTANT FUNCTIONAL SUPERVISOR

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans

LAST REVISION 00-00-00 | DATE PLOTTED => 3/30/2012 TIME PLOTTED => 1:48:42 PM

BORDER LAST REVISED 3/1/2007 | RELATIVE BORDER SCALE IS IN MILLIMETERS 0 20 40 60 80 | USERNAME => Merjad DGN FILE => ...\1643ea012_alt2.dgn | CU 00000 | EA 177900

Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
11	SD	5/56	52.6/56.0, R0.0/R4.1		

REGISTERED CIVIL ENGINEER DATE

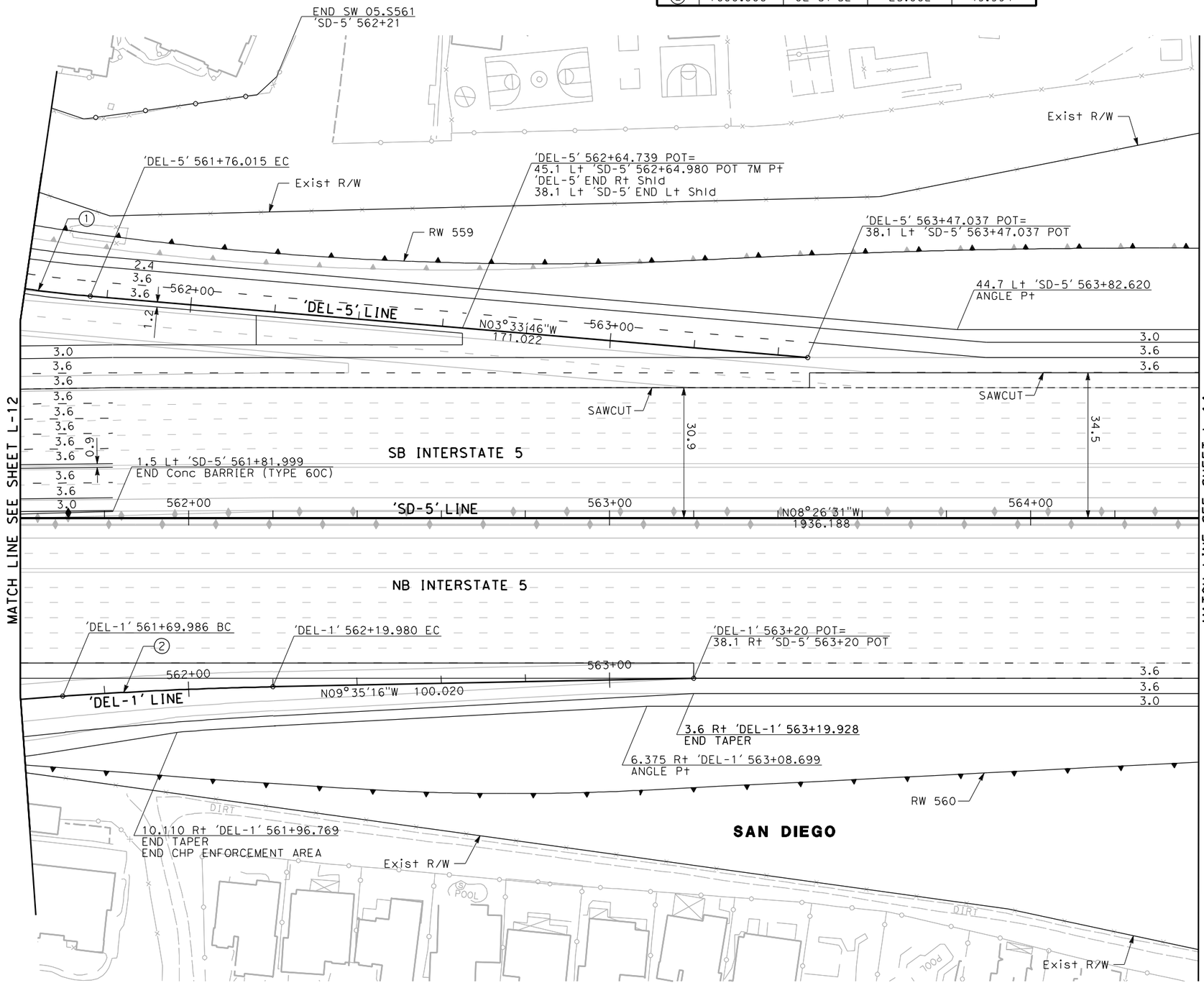
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER No. Exp. CIVIL STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF ELECTRONIC COPIES OF THIS PLAN SHEET.

Dokken Engineering
5675 Ruffin Road
Suite 250
San Diego, CA 92123

No.	R	Δ	T	L
①	260.000	21°59'29"	50.519	99.794
②	1000.000	02°51'52"	25.002	49.994



ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

ALTERNATIVE 2
LAYOUT
SCALE 1:1000

L-13

LAST REVISION 00-00-00 | DATE PLOTTED => 3/30/2012 | TIME PLOTTED => 1:48:44 PM

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

BORDER LAST REVISED 3/1/2007 | RELATIVE BORDER SCALE IS IN MILLIMETERS 0 20 40 60 80 | USERNAME => Merjad | DGN FILE => ...\1643ea013_alt2.dgn | CU 00000 | EA 177900

Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
11	SD	5/56	52.6/56.0, R0.0/R4.1		

REGISTERED CIVIL ENGINEER DATE

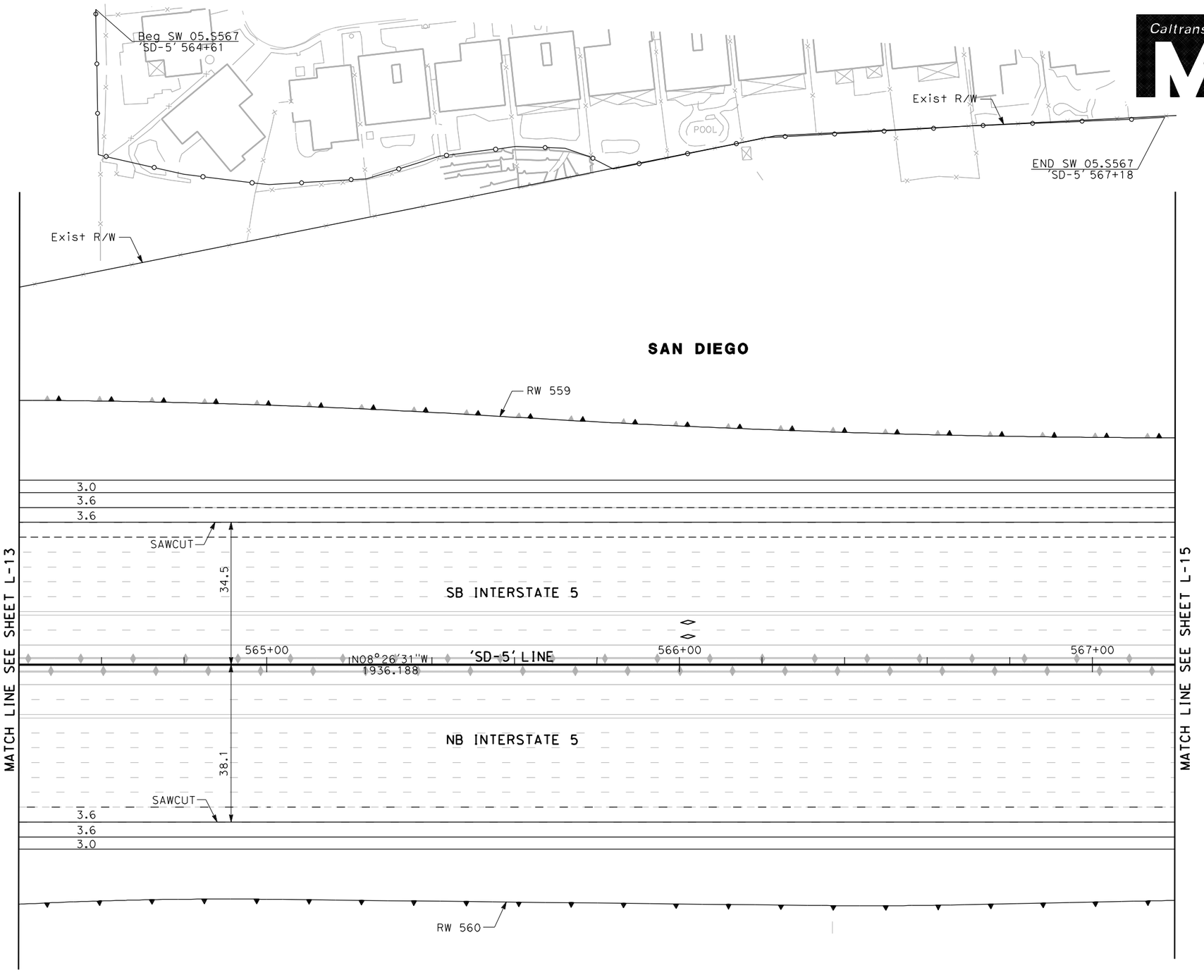
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER No. Exp. CIVIL STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF ELECTRONIC COPIES OF THIS PLAN SHEET.

Dokken Engineering
5675 Ruffin Road
Suite 250
San Diego, CA 92123

Caltrans Metric



ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

ALTERNATIVE 2 LAYOUT

SCALE 1:1000

L-14

REVISED BY | DATE REVISED

CALCULATED-DESIGNED BY | CHECKED BY

CONSULTANT FUNCTIONAL SUPERVISOR

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans

LAST REVISION 00-00-00 | DATE PLOTTED => 3/30/2012 | TIME PLOTTED => 1:48:45 PM

BORDER LAST REVISED 3/1/2007

RELATIVE BORDER SCALE IS IN MILLIMETERS 0 20 40 60 80

USERNAME => Merjad
DGN FILE => ...\1643ea014_alt2.dgn

CU 00000

EA 177900

Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
11	SD	5/56	52.6/56.0, R0.0/R4.1		

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER No. Exp. CIVIL STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF ELECTRONIC COPIES OF THIS PLAN SHEET.

Dokken Engineering
5675 Ruffin Road
Suite 250
San Diego, CA 92123

CURVE DATA				
No.	R	Δ	T	L
①	3048.006	08°38'26"	230.265	459.658

Caltrans Metric

REVISED BY | DATE REVISED

CALCULATED-DESIGNED BY | CHECKED BY

CONSULTANT FUNCTIONAL SUPERVISOR

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans

SAN DIEGO

Exist R/W

41.7 Lt 'SD-5' 567+89.291
Beg TAPER

38.1 Lt 'SD-5' 569+26.565
ANGLE Pt

34.503 Lt 'SD-5' 569+38.899
END TAPER
END Lt Shld
END SAWCUT
MATCH Exist

39.275 Lt 'SD-5' 570+20.916
END RW 559

Exist R/W

3.0
3.6
3.6

SAWCUT

34.5

'SD-5' 567+77.529 BC

SB INTERSTATE 5

568+00 569+00 570+00

'SD-5' LINE

N08°26'31"W
1936.188

①

NB INTERSTATE 5

38.1

MATCH LINE SEE SHEET L-14

SAWCUT

3.6
3.6
3.0

41.7 Rt 'SD-5' 567+40.801
Beg TAPER

38.1 Rt 'SD-5' 569+20
END TAPER
END Rt Shld
END SAWCUT
MATCH Exist

47.387 Rt 'SD-5' 569+20.362
END RW 560

41.219 Rt 'SD-5' 569+14.110
ANGLE Pt

Exist R/W

Exist R/W

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

ALTERNATIVE 2
LAYOUT
SCALE 1:1000

L-15

LAST REVISION 00-00-00 | DATE PLOTTED => 3/30/2012 | TIME PLOTTED => 1:48:46 PM

BORDER LAST REVISED 3/1/2007

RELATIVE BORDER SCALE IS IN MILLIMETERS 0 20 40 60 80

USERNAME => Merjad
DGN FILE => ...\1643ea015_alt2.dgn

CU 00000

EA 177900

CURVE DATA				
No.	R	Δ	T	L
①	210.000	111°02'54"	305.828	407.013
②	548.663	08°02'56"	38.602	77.076
③	453.600	09°27'25"	37.519	74.868
④	95.000	53°08'06"	47.505	88.101
⑤	92.000	39°17'42"	32.846	63.096
⑥	400.000	06°28'15"	22.612	45.176
⑦	220.000	110°22'36"	316.401	423.816
⑧	396.248	54°21'05"	203.432	375.886
⑨	396.230	02°54'00"	10.030	20.055

Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
11	SD	5/56	52.6/56.0, R0.0/R4.1		

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER No. Exp. CIVIL STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF ELECTRONIC COPIES OF THIS PLAN SHEET.

Dokken Engineering
5675 Ruffin Road
Suite 250
San Diego, CA 92123

SAN DIEGO

MATCH LINE SEE SHEET L-4

MATCH LINE SEE SHEET L-2

SEE SHEET L-17

MATCH LINE

'CVR' LINE

'WN' LINE

'CVS' LINE

'SE' LINE

'ECR' LINE

'EC-3' LINE

'SD-56' LINE

'EC-2' LINE

EL CAMINO REAL

CARMEL VALLEY Rd

'CVR' 542+65.762 BC

'WN' 538+50.000 BB
1.865 Lt END Conc BARRIER (TYPE 60)

'WN' 538+66.068 BC
18.968 Lt 'CVS' 543+21.354
Beg Conc BARRIER (TYPE 60)

'CVS' 541+84.177 BC
9.599 Rt 'CVS' 541+87.623
END SW

'CVS' 541+77 POT=
8.679 Rt 'CVR' 541+77 POT

'SE' 537+65.757 BC

'CVS' 542+92.961 BC

'CVS' 542+72.278 EC

'CVS' 543+03.030
7.2 Rt 'CVS' 543+03.030
Beg TAPER

'CVS' 543+19.757
11.047 Rt 'CVS' 543+19.757
Beg SW

'CVS' 543+56.057 EC
14.4 Rt END TAPER

'CVS' 543+76.981
7.2 Lt END Lt Shld

'CVR' 543+84.861 POT=
'ECR' 10+47.405 PI

3.221 Lt 'CVR' 543+68.861
END SAWCUT
MATCH Exist

16.035 Lt 'ECR' 10+38.618
Beg SAWCUT
MATCH Exist

'CVR' 543+42.838 EC

6.463 Lt 'WN' 538+45.382
END Conc BARRIER (TYPE 60)

'ECR' 10+45.894 POT=
'EC-3' 537+60.897 POT

'WN' 537+88.739 EB

1.865 Lt 'WN' 537+69.996
Beg Conc BARRIER (TYPE 60)

'ECR' 10+00.000 POT=
'SD-56' 15+26 POT
'ECR' 9+78.992 EC

'ECR' 9+66.099
17.187 END SW
16.196 Lt END SAWCUT
MATCH Exist

'ECR' 9+22.714
16.012 END SW
15.012 Lt Beg SAWCUT
MATCH Exist

'EC-2' 15+28.534 POT=
'ECR' 9+59.689 POC

'CVR' 9+58.937 PCC

'CVS' 543+99.868 POT=
'CVR' 9+56.089 POC

'EC-3' 537+22.834 EC

'EC-3' 537+00
18.0 Rt END Rt Shld
3.6 Lt END Lt Shld
END SAWCUT
MATCH Exist

'WN' 537+31.421 BB

'SD-56' 15+61.479
2.743 Lt Beg TAPER

11.886 Rt 'SD-56'
15+54.104
Beg Rt Shld

'SE' 535+71.606 BB
1.8 Rt END RW
10.5 Lt END RW SE3

15.187 Rt 'SD-56'
15+73.654
END Conc BARRIER (TYPE 60)

1.8 Rt 'SE' 535+53.628
Beg RW

14.1 Rt 'EC-2' 15+60
Beg RW 15

10.8 Rt 'EC-2' 15+55.994
Beg Rt Shld

'EC-2' 15+55.026 BC

'EC-2' 15+50.721
Beg Lt Shld

16.8 Rt 'ECR' 9+33.857
Beg SAWCUT, MATCH Exist

16.068 Rt 'ECR' 9+68.816
END SAWCUT, MATCH Exist

Exist R/W

SAWCUT

PROPOSED R/W

R=5

R=12

R=15

N56°30'47"E 553.393

S66°00'17"W 838.709

S61°59'40"W 311.362

S72°15'40"E 20.683

N54°36'15"E 7.177

N68°26'39"E 43.811

S64°33'49"W 38.063

N24°54'39"W 68.413

N66°00'17"E 816.119

N66°26'39"E 26.492

N25°25'60"W 73.650

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

ALTERNATIVE 2 LAYOUT

SCALE 1:1000

L-16

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

CONSULTANT FUNCTIONAL SUPERVISOR | CALCULATED-DESIGNED BY | CHECKED BY

REVISED BY | DATE REVISED

LAST REVISION 00-00-00 | DATE PLOTTED => 3/30/2012 | TIME PLOTTED => 11:48:48 PM

BORDER LAST REVISED 3/1/2007

RELATIVE BORDER SCALE IS IN MILLIMETERS 0 20 40 60 80

USERNAME => Merjad
DGN FILE => ...\1643ea016_alt2.dgn

CU 00000

EA 177900

Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
11	SD	5/56	52.6/56.0, R0.0/R4.1		

REGISTERED CIVIL ENGINEER DATE

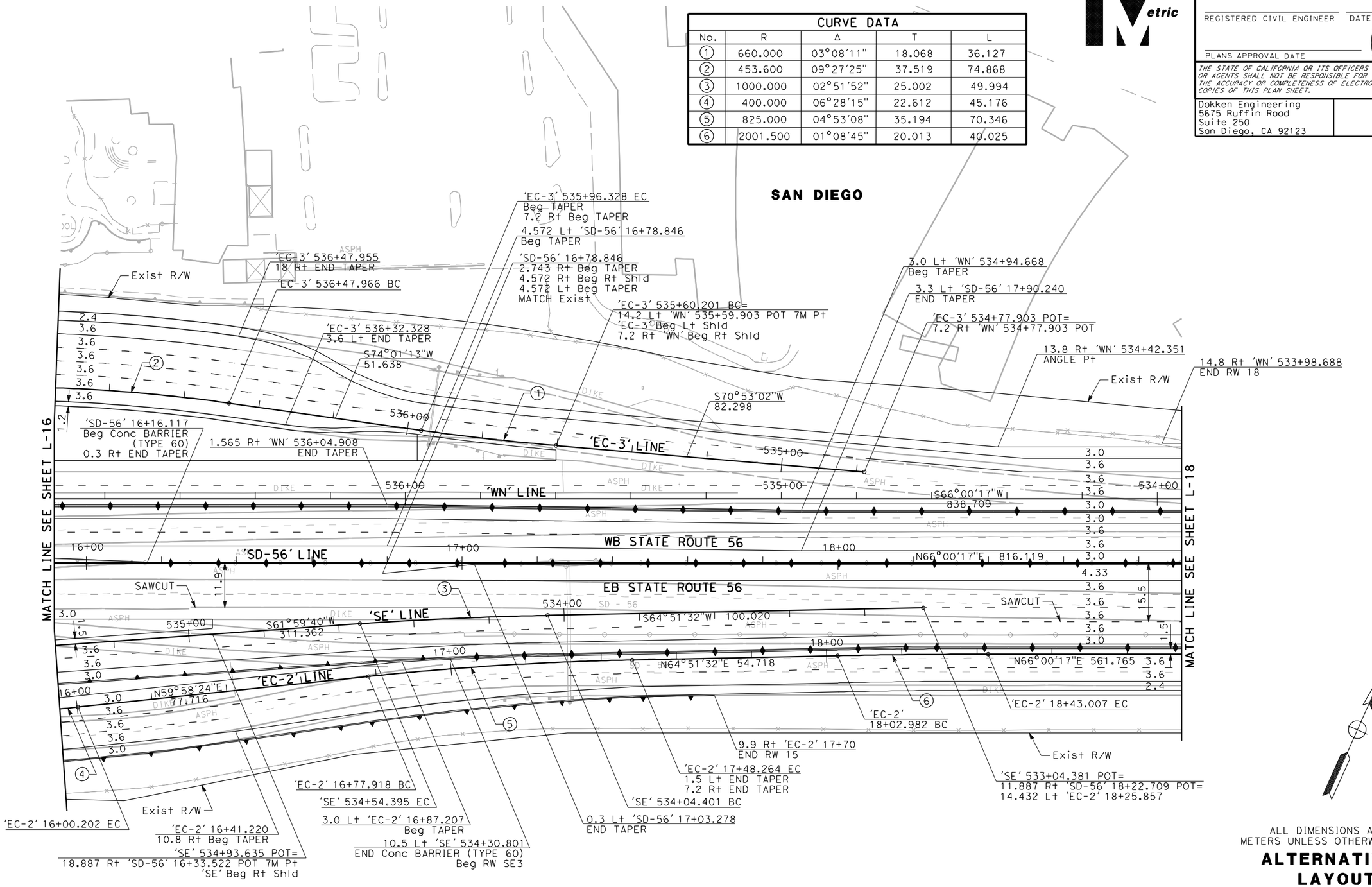
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER No. Exp. CIVIL STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF ELECTRONIC COPIES OF THIS PLAN SHEET.

Dokken Engineering
5675 Ruffin Road
Suite 250
San Diego, CA 92123

CURVE DATA				
No.	R	Δ	T	L
①	660.000	03°08'11"	18.068	36.127
②	453.600	09°27'25"	37.519	74.868
③	1000.000	02°51'52"	25.002	49.994
④	400.000	06°28'15"	22.612	45.176
⑤	825.000	04°53'08"	35.194	70.346
⑥	2001.500	01°08'45"	20.013	40.025



ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

ALTERNATIVE 2 LAYOUT

SCALE 1:1000

L-17

REVISED BY | DATE REVISED

CALCULATED-DESIGNED BY | CHECKED BY

CONSULTANT FUNCTIONAL SUPERVISOR

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans

LAST REVISION 00-00-00 | DATE PLOTTED => 3/30/2012 | TIME PLOTTED => 1:48:49 PM

BORDER LAST REVISED 3/1/2007 | RELATIVE BORDER SCALE IS IN MILLIMETERS 0 20 40 60 80 | USERNAME => Merjad | DGN FILE => ...\1643ea017_alt2.dgn | CU 00000 | EA 177900

Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
11	SD	5/56	52.6/56.0, R0.0/R4.1		

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER No. Exp. CIVIL STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF ELECTRONIC COPIES OF THIS PLAN SHEET.

Dokken Engineering
5675 Ruffin Road
Suite 250
San Diego, CA 92123

REVISED BY | DATE REVISED

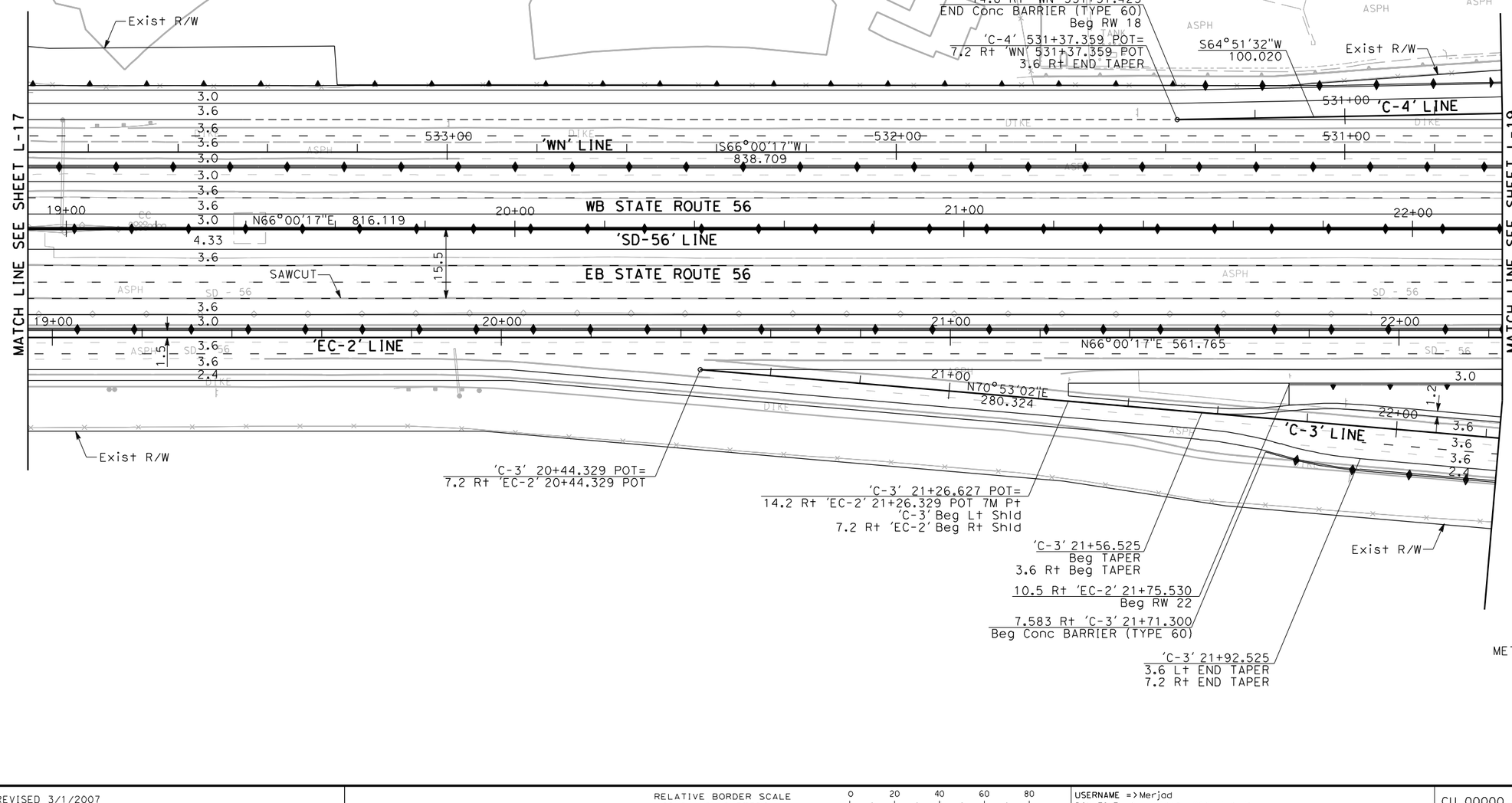
CALCULATED-DESIGNED BY | CHECKED BY

CONSULTANT FUNCTIONAL SUPERVISOR

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans

SAN DIEGO



ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

ALTERNATIVE 2 LAYOUT

SCALE 1:1000

L-18

LAST REVISION 00-00-00 | DATE PLOTTED => 3/30/2012 | TIME PLOTTED => 1:48:51 PM

BORDER LAST REVISED 3/1/2007 | RELATIVE BORDER SCALE IS IN MILLIMETERS 0 20 40 60 80 | USERNAME => Merjad | DGN FILE => ...\1643ea018_alt2.dgn | CU 00000 | EA 177900

CURVE DATA				
No.	R	Δ	T	L
①	100.000	34°42'56"	31.257	60.590
②	41.400	176°28'39"	1346.334	127.517
③	1877.600	04°12'18"	68.930	137.799
④	1385.000	06°39'47"	80.624	161.067
⑤	1371.655	08°18'21"	99.594	198.838
⑥	800.000	06°46'31"	47.355	94.599
⑦	300.000	13°58'20"	36.762	73.159

Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
11	SD	5/56	52.6/56.0, R0.0/R4.1		

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER No. Exp. CIVIL STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF ELECTRONIC COPIES OF THIS PLAN SHEET.

Dokken Engineering
5675 Ruffin Road
Suite 250
San Diego, CA 92123

R=15
13.454 Rt 'CCR' 21+51.179
END SAWCUT
MATCH Exist
13.627 Rt 'CCR' 21+30.179
N64°10'35"E
60.097
10.8 Lt 'C-1' 23+11.080
Beg Lt Shld
'C-1' 23+11.769
Beg Rt Shld
'C-1' 23+41.722 BC
'C-4' 527+72.024 BC
CARMEL CREEK Rd
VALLEY CENTRE Dr
'CCR' LINE
'C-1' 22+81.625 POT=
'CCR' 21+22.978 POT
'C-4' 527+07.262 POT=
'CCR' 21+18.749 POT
'C-4' 529+31.540
12.683 Rt Beg TAPER
12.980 Rt Beg Conc BARRIER (TYPE 60)
10.522 Rt 'C-4' 529+47.540
END TAPER
END CHP ENFORCEMENT AREA
'C-4' 529+58.255 POT=
14.2 Lt 'WN' 529+58.566 POC 7M Pt
'C-4' END Lt Shld
7.2 Rt 'WN' END Rt Shld
'WN' 529+97.707
Beg Lt Shld
3.017 Lt END Conc BARRIER (TYPE 60)
'WN' 530+27.359 EC
'C-4' 530+37.339 EC
S64°51'32"W
100.020
Exist R/W
S66°00'17"W
838.709
WB STATE ROUTE 56
EB STATE ROUTE 56
N66°00'17"E 816.119
N66°00'17"E 561.765
MATCH LINE SEE SHEET L-18
'C-1' LINE
'C-4' LINE
'WN' LINE
'SD-56' LINE
'EC-2' LINE
'C-2' LINE
'C-3' LINE
N64°10'35"E
64.762
9.2 Rt 'C-4' 527+41.935
Beg Rt Shld
'C-4' 527+37.408
Beg Lt Shld
16.677 Lt 'CCR' 20+90.152
Beg SAWCUT, MATCH Exist
1.2 Lt 'C-4' 527+23.936
END SAWCUT
MATCH Exist
PROJECT DETENTION BASIN
'C-4' 528+99.540 PCC
9.2 Rt Beg TAPER
11.6 Rt Beg TAPER
11.6 Rt Beg CHP ENFORCEMENT AREA
13.488 Rt 'C-4' 529+08.540
END TAPER
'C-1' 24+02.312 EC
N81°06'29"E 127.301
Exist R/W
14.1 Lt 'C-1' 24+70
Beg RW 24
SAN DIEGO
MATCH LINE SEE SHEET L-20
'WN' 528+66.292 BC=
10.5 Lt 'SD-56' 24+17.648 POC
'SD-56' 23+31.031 BC
SAWCUT
'EC-2' 24+04.772 BC
'C-2' 24+25.777 EC
N68°09'12"E 106.719
7.128 Rt 'EC-2' 24+10
END RW 22
'C-2' 23+52.618 BC
'C-2' 23+47.211
Beg Lt Shld
8.941 Lt 'C-2' 23+41.601
Beg SAWCUT
'C-2' 23+48.423
7.2 Rt Beg Rt Shld
15.2 Rt Beg RW 23
'EC-2' 23+34.073 POT=
'SD-56' 23+31.031 BC
1.8 Lt 'EC-2' END Conc BARRIER (TYPE 60)
1.5 Lt 'EC-2' END Lt Shld
22.145 Rt 'SD-56' END Rt Shld
3.6 Lt 'C-3' 23+03.364
END Lt Shld
N70°53'02"E
280.324
Exist R/W
'C-3' 22+98.932
7.2 Rt END Rt Shld
9.9 Rt END Conc BARRIER (TYPE 60)
10.5 Lt 'C-3' 23+09.388
Beg SAWCUT
22.842 Rt 'C-3' 23+13.921
END SAWCUT
'C-3' 23+24.653 POT=
'CCR' 19+44.684 POT
25.376 Rt 'C-2' 23+32.145
END SAWCUT
N54°10'51"E
29.529
'C-2' 23+23.089 POT=
'CCR' 19+46.745 POT
POOL
ASPH
DIKE
DIRT
SPH
23+00
24+00
528+00
529+00
530+00
20+00
21+00
1.2
1.5
15.6
19.2
4.33

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

ALTERNATIVE 2 LAYOUT

SCALE 1:1000

L-19

LAST REVISION 00-00-00 DATE PLOTTED => 3/30/2012 TIME PLOTTED => 1148:53 PM

REVISED BY | DATE REVISED

CALCULATED-DESIGNED BY | CHECKED BY

CONSULTANT FUNCTIONAL SUPERVISOR

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans

BORDER LAST REVISED 3/1/2007

RELATIVE BORDER SCALE IS IN MILLIMETERS 0 20 40 60 80

USERNAME => Merjad
DGN FILE => ...\1643ea019_alt2.dgn

CU 00000

EA 177900

Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
11	SD	5/56	52.6/56.0, R0.0/R4.1		

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

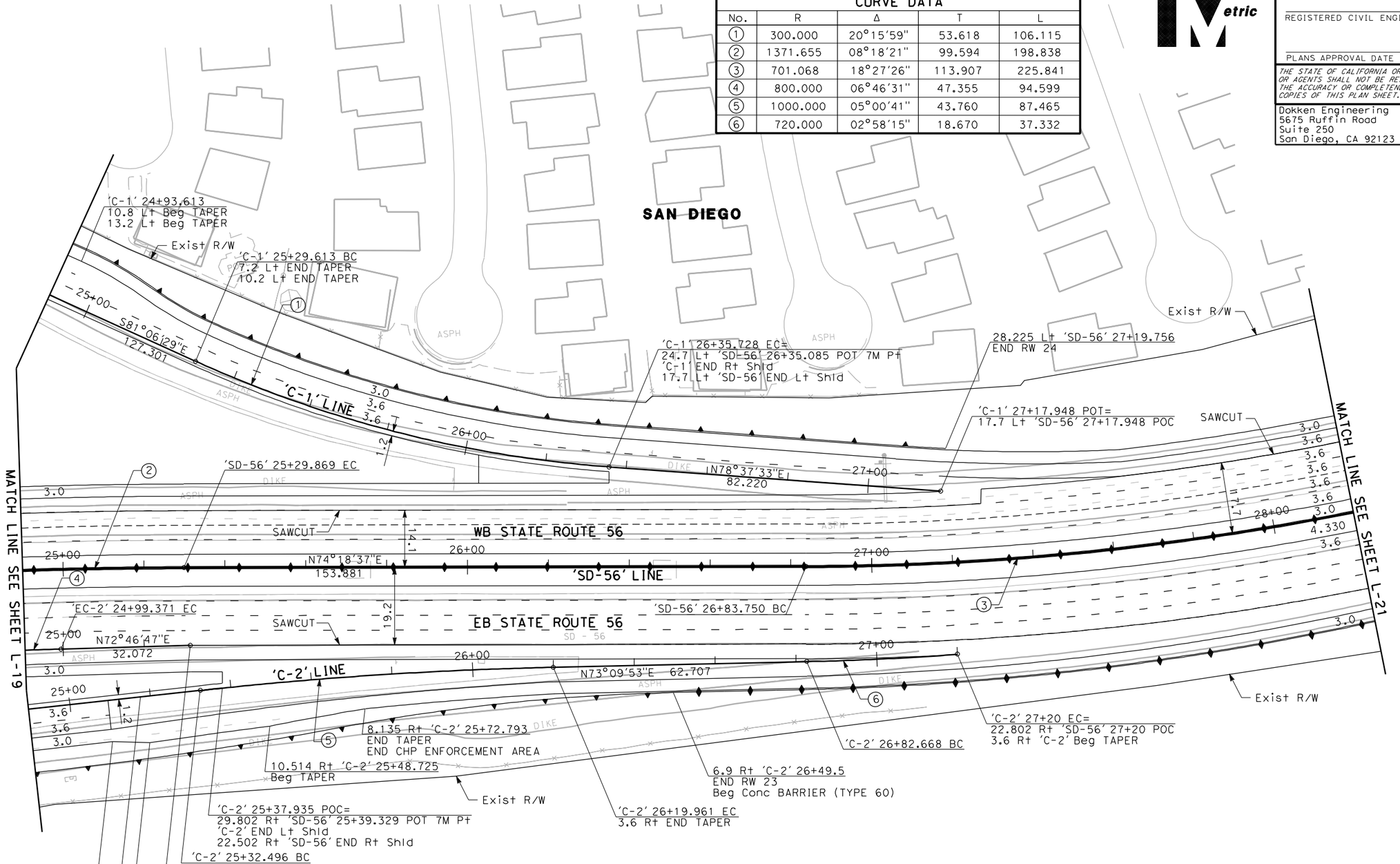
REGISTERED PROFESSIONAL ENGINEER No. Exp. CIVIL STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF ELECTRONIC COPIES OF THIS PLAN SHEET.

Dokken Engineering
5675 Ruffin Road
Suite 250
San Diego, CA 92123

Caltrans Metric

CURVE DATA				
No.	R	Δ	T	L
①	300.000	20°15'59"	53.618	106.115
②	1371.655	08°18'21"	99.594	198.838
③	701.068	18°27'26"	113.907	225.841
④	800.000	06°46'31"	47.355	94.599
⑤	1000.000	05°00'41"	43.760	87.465
⑥	720.000	02°58'15"	18.670	37.332



ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

ALTERNATIVE 2 LAYOUT

SCALE 1:1000

L-20

LAST REVISION 00-00-00 DATE PLOTTED => 3/30/2012 TIME PLOTTED => 11:48:54 PM

REVISED BY | DATE REVISED

CALCULATED-DESIGNED BY | CHECKED BY

CONSULTANT FUNCTIONAL SUPERVISOR

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans

BORDER LAST REVISED 3/1/2007

RELATIVE BORDER SCALE IS IN MILLIMETERS 0 20 40 60 80

USERNAME => Merjad
DGN FILE => ...\1643ea020_alt2.dgn

CU 00000

EA 177900

Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
11	SD	5/56	52.6/56.0, R0.0/R4.1		

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER No. Exp. CIVIL STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF ELECTRONIC COPIES OF THIS PLAN SHEET.

Dokken Engineering
5675 Ruffin Road
Suite 250
San Diego, CA 92123

REVISED BY | DATE REVISED

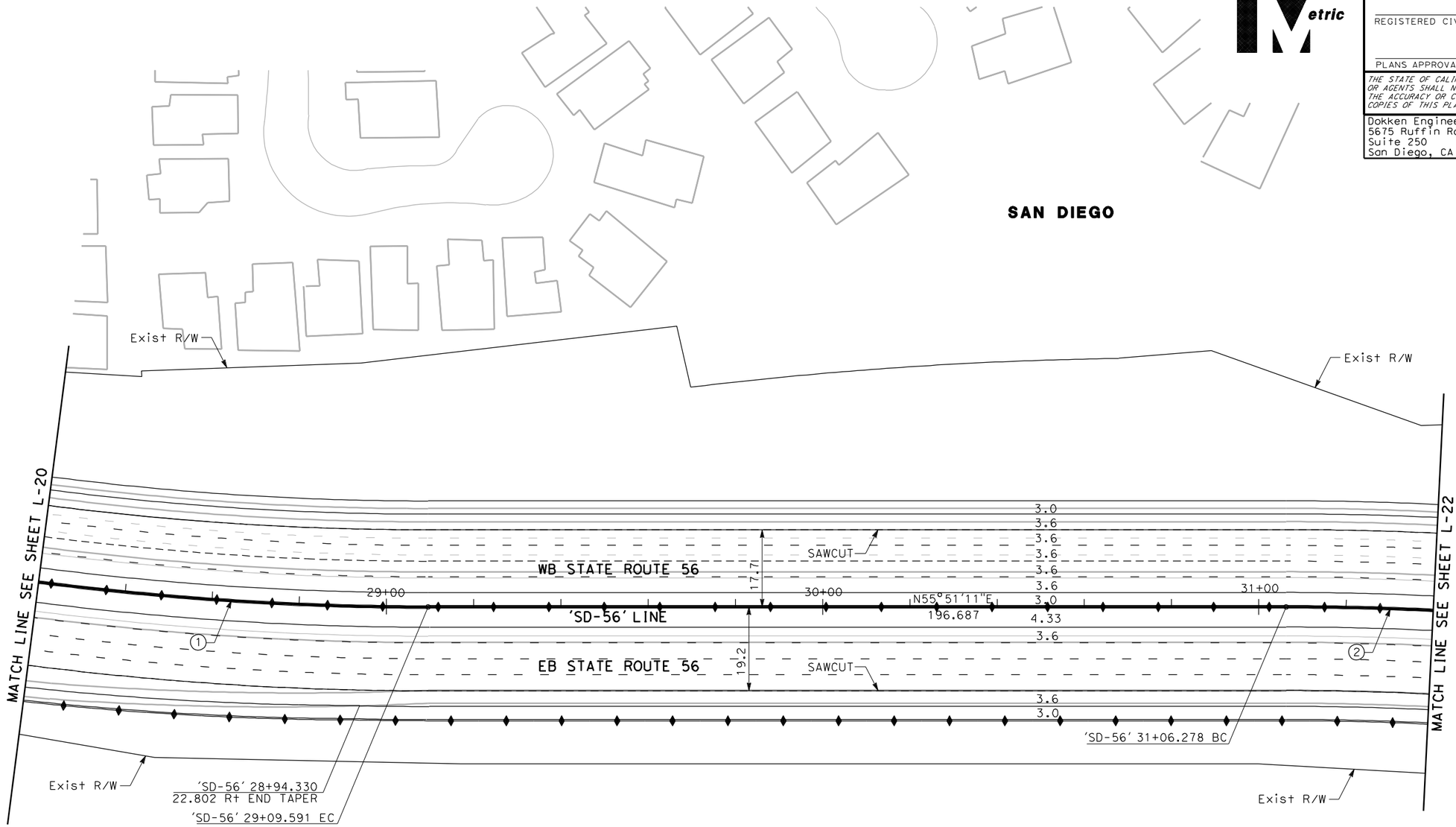
CALCULATED-DESIGNED BY | CHECKED BY

CONSULTANT FUNCTIONAL SUPERVISOR

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans

SAN DIEGO



CURVE DATA				
No.	R	Δ	T	L
1	701.068	18°27'26"	113.907	225.841
2	701.068	13°09'04"	80.813	160.916

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

ALTERNATIVE 2
LAYOUT
SCALE 1:1000

L-21

LAST REVISION 00-00-00 | DATE PLOTTED => 3/30/2012 | TIME PLOTTED => 1:48:55 PM

BORDER LAST REVISED 3/1/2007

RELATIVE BORDER SCALE IS IN MILLIMETERS 0 20 40 60 80

USERNAME => Merjad
DGN FILE => ...\1643ea021_alt2.dgn

CU 00000

EA 177900

Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
11	SD	5/56	52.6/56.0, R0.0/R4.1		

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER No. Exp. CIVIL STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF ELECTRONIC COPIES OF THIS PLAN SHEET.

Dokken Engineering
5675 Ruffin Road
Suite 250
San Diego, CA 92123

Caltrans Metric

REVISED BY | DATE REVISED

CALCULATED-DESIGNED BY | CHECKED BY

CONSULTANT FUNCTIONAL SUPERVISOR

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans

Beg SW 56.S35
'SD-56' 33+36

END SW 56.S35
'SD-56' 33+56

Beg SW 56.S35
'SD-56' 33+84

Exist R/W

SAN DIEGO

Exist R/W

MATCH LINE SEE SHEET L-21

32+00

33+00

34+00

WB STATE ROUTE 56

'SD-56' LINE

EB STATE ROUTE 56

SAWCUT

SAWCUT

17.7

19.2

N69°00'15"E
233.696

3.0
3.6
3.6
3.6
3.6
3.6
3.6
3.0
4.33
3.6
3.6
3.0

MATCH LINE SEE SHEET L-23

1

'SD-56' 32+67.194 EC

Exist R/W

Exist R/W

CURVE DATA				
No.	R	Δ	T	L
1	701.068	13°09'04"	80.813	160.916

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

ALTERNATIVE 2 LAYOUT

SCALE 1:1000

L-22

LAST REVISION 00-00-00 | DATE PLOTTED => 3/30/2012 | TIME PLOTTED => 1:48:56 PM

BORDER LAST REVISED 3/1/2007

RELATIVE BORDER SCALE IS IN MILLIMETERS 0 20 40 60 80

USERNAME => Merjad
DGN FILE => ...\1643ea022_alt2.dgn

CU 00000

EA 177900

CURVE DATA				
No.	R	Δ	T	L
①	609.616	22°20'13"	120.359	237.661
②	599.146	10°25'49"	54.686	109.069

Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
11	SD	5/56	52.6/56.0, R0.0/R4.1		

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER No. Exp. CIVIL STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF ELECTRONIC COPIES OF THIS PLAN SHEET.

Dokken Engineering
5675 Ruffin Road
Suite 250
San Diego, CA 92123

REVISED BY | DATE REVISED

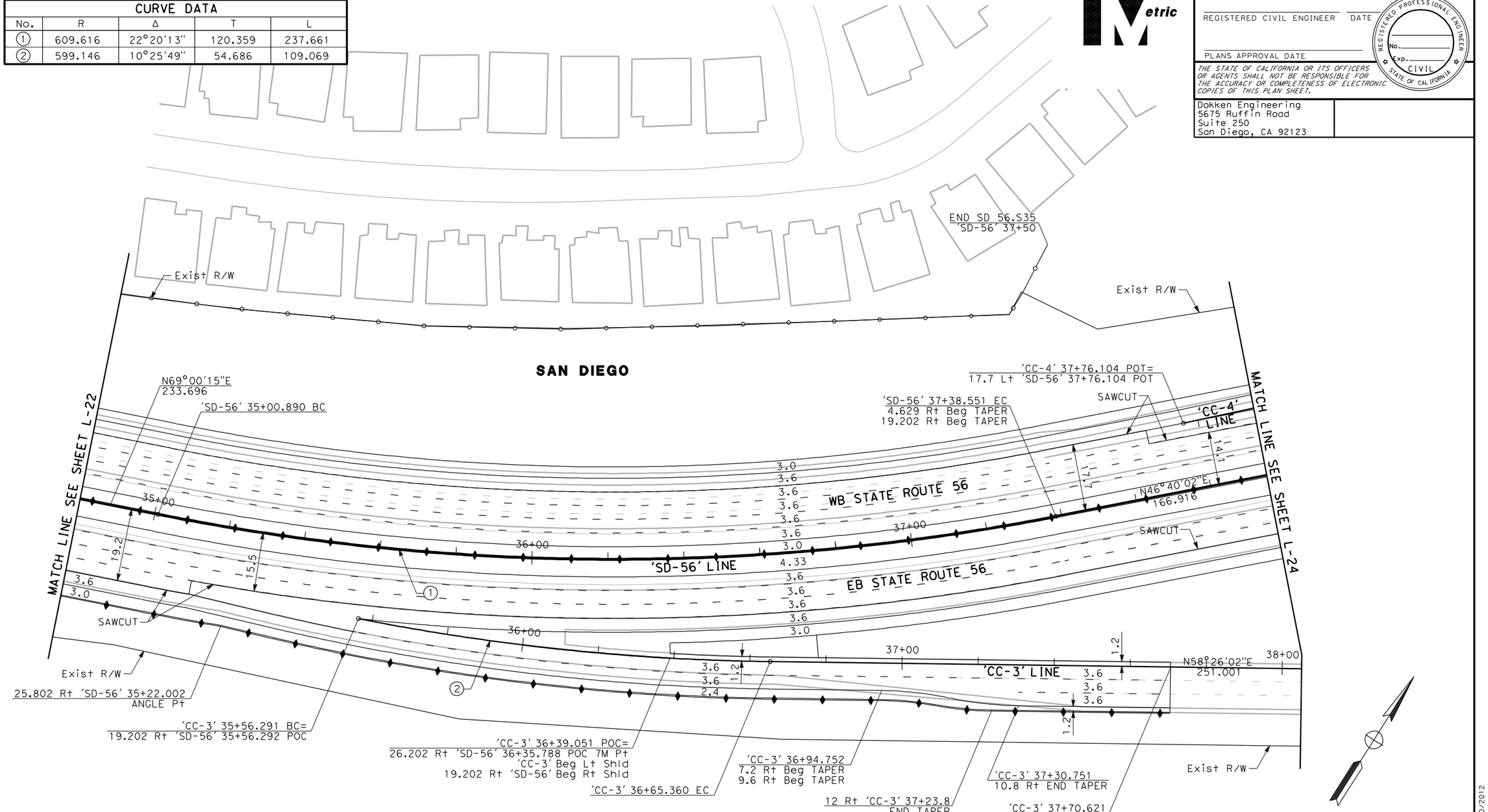
CALCULATED-DESIGNED BY | CHECKED BY

CONSULTANT FUNCTIONAL SUPERVISOR

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans

SAN DIEGO



ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

ALTERNATIVE 2 LAYOUT

SCALE 1:1000

L-23

LAST REVISION 00-00-00 | DATE PLOTTED => 3/30/2012 TIME PLOTTED => 1:48:58 PM

BORDER LAST REVISED 3/1/2007 | RELATIVE BORDER SCALE IS IN MILLIMETERS 0 20 40 60 80 | USERNAME => Merjad DGN FILE => ...\1643ea023_alt2.dgn | CU 00000 | EA 177900

CURVE DATA				
No.	R	Δ	T	L
①	1150.000	04°01'21"	40.384	80.735
②	44.196	176°40'54"	1525.839	136.286
③	640.097	21°44'28"	122.922	242.887
④	300.000	23°31'52"	62.485	123.209
⑤	457.201	15°42'57"	63.100	125.407
⑥	457.201	22°21'12"	90.335	178.372

'CC-4' 40+97.219 EC

'CC-4' 40+83.185
END Rt Shld
8.534 Lt END Lt Shld
END SAWCUT, MATCH Exist

LS44°49'02"W
60.245

41+00

1.2

3.6

4.935

2.438

'CC-4' LINE

'CC-4' 41+57.464 POT=
'CCO' 21+11.631 POC

21+00

CARMEL COUNTRY Rd
'CCO' LINE

'CC-4' 39+81.281
10.973 Lt END TAPER
END CHP ENFORCEMENT AREA
8.534 Lt END TAPER

11.815 Lt 'CC-4' 39+41.567
END TAPER

'CC-4' 39+49.464 POC=
24.7 Lt 'SD-56' 39+47.744 POC 7M Pt
'CC-4' Beg Rt Shld
17.7 Lt 'SD-56' Beg Lt Shld

12.454 Lt 'CC-4' 39+60.777
Beg TAPER

'CC-4' 39+60.933 PCC

8.854 Lt 'CC-4' 39+18.781
Beg TAPER
Beg CHP ENFORCEMENT AREA

40+00

6.0 Lt 'CC-4' 38+06.167
ANGLE Pt

Exist R/W

'CC-4' 38+80.198 BC

3.6 Lt 'CC-4'
38+33.268
Beg TAPER

2.4

39+00

N45°31'18"E 104.094

38+00

WB STATE ROUTE 56

SAWCUT

3.0
3.6
3.6
3.6
3.6
3.0

14.1

40+00

'SD-56' LINE

39+00

N46°40'02"E
166.916

38+00

EB STATE ROUTE 56

15.5

41+00

SAWCUT

3.6
3.0

MATCH LINE SEE SHEET L-23

MATCH LINE SEE SHEET L-25

22.658 Rt 'SD-56' 38+74,139
Beg Conc BARRIER

'SD-56' 39+05.467 BC

'SD-56' 39+09.068 POC=
'CCO' 20+00 PCC

22.663 Rt 'SD-56' 39+34.988
END Conc BARRIER

0.3 Lt 'SD-56' 40+19.834
Beg TAPER

'SD-56' 40+54.162
3.730 Rt END TAPER
8.230 Rt END TAPER
8.230 Rt END Lt Shld
19.145 Rt END TAPER
MATCH Exist

41+00

1.2

40+00

'CC-2' LINE

3.6
3.6
2.4

N40°51'48"E 126.955

'CC-2' 40+43.717 BC

'CC-3' LINE

N58°26'02"E
251.001

39+00

9.6 Rt 'CC-2' 41+08.982
7.2 Rt Beg TAPER
9.6 Rt Beg TAPER
Beg CHP ENFORCEMENT AREA

9.9 Rt 'CC-2' 39+79.875
END RW

Exist R/W

'CC-3' 39+16.361 POT=
'CC-2' 39+16.763 POT
'CCO' 19+25.394 POC

'CC-2' 39+40
Beg Lt Shld
7.2 Rt Beg Rt Shld
9.9 Rt Beg RW
Beg SAWCUT
MATCH Exist

19+00

SAN DIEGO

ALL DIMENSIONS ARE IN
METERS UNLESS OTHERWISE SHOWN

ALTERNATIVE 2
LAYOUT
SCALE 1:1000

L-24

Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
11	SD	5/56	52.6/56.0, R0.0/R4.1		

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER No. Exp. CIVIL STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF ELECTRONIC COPIES OF THIS PLAN SHEET.

Dokken Engineering
5675 Ruffin Road
Suite 250
San Diego, CA 92123

REVISED BY | DATE REVISED

CALCULATED-DESIGNED BY | CHECKED BY

CONSULTANT FUNCTIONAL SUPERVISOR

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

LAST REVISION 00-00-00 | DATE PLOTTED => 3/30/2012 | TIME PLOTTED => 1:48:59 PM

BORDER LAST REVISED 3/1/2007 | RELATIVE BORDER SCALE IS IN MILLIMETERS 0 20 40 60 80 | USERNAME => Merjad | DGN FILE => ...\1643ea024_alt2.dgn | CU 00000 | EA 177900

Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
11	SD	5/56	52.6/56.0, R0.0/R4.1		

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER No. Exp. CIVIL STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF ELECTRONIC COPIES OF THIS PLAN SHEET.

Dokken Engineering
5675 Ruffin Road
Suite 250
San Diego, CA 92123

No.	R	Δ	T	L
①	640.097	21°44'28"	122.922	242.887
②	300.000	23°31'52"	62.485	123.209
③	1000.000	02°52'05"	25.033	50.056

SAN DIEGO

MATCH LINE SEE SHEET L-24

17.699 Lt 'SD-56' 41+48.348
Beg TAPER

'SD-56' 41+48.354 EC
0.3 Lt Beg TAPER

15.043 Lt 'SD-56' 42+23.386
END TAPER

15.127 Lt 'SD-56' 42+23.386
END Lt Shld
MATCH Exist

1.629 Lt 'SD-56' 42+63.580
END TAPER

1.630 Lt 'SD-56' 44+38.665
Beg TAPER

3.0
3.6
3.6
3.6
3.6
3.6
3.0

14.1

SAWCUT

WB STATE ROUTE 56

42+00 43+00 44+00

'SD-56' LINE

N68°24'30"E 365.173

15.5

SAWCUT

EB STATE ROUTE 56

3.6
3.0

42+00 43+00

N67°15'45"E 100.020

3.0

'CC-2' LINE

'CC-2' 42+16.982 EC
3.6 Rt 'END TAPER

'CC-2' 43+17.003 POT=
19.145 Rt 'SD-56' 43+17.003 POT
3.6 Rt 'CC-2' Beg TAPER

'CC-2' 41+66.926 PCC

8.314 Rt 'CC-2' 41+68.1
END TAPER
END CHP ENFORCEMENT AREA

10.494 Rt 'CC-2' 41+48.997
Beg TAPER

'CC-2' 41+41.982 POC=
26.145 Rt 'SD-56' 41+41.878 POC 7M Pt
CC-2' END Lt Shld
19.145 Rt 'SD-56' END Rt Shld

11.507 Rt 'CC-2' 41+18.350
END TAPER

MATCH LINE SEE SHEET L-26

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

ALTERNATIVE 2
LAYOUT
SCALE 1:1000

L-25

REVISED BY | DATE REVISED
CALCULATED-DESIGNED BY | CHECKED BY
CONSULTANT FUNCTIONAL SUPERVISOR

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

LAST REVISION 00-00-00 | DATE PLOTTED => 3/30/2012 | TIME PLOTTED => 1:49:00 PM

BORDER LAST REVISED 3/1/2007

RELATIVE BORDER SCALE IS IN MILLIMETERS 0 20 40 60 80

USERNAME => Merjad
DGN FILE => ...\1643ea025_alt2.dgn

CU 00000

EA 177900

CURVE DATA				
No.	R	Δ	T	L
①	1260.000	13°16'13"	146.570	291.828

Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
11	SD	5/56	52.6/56.0, R0.0/R4.1		

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER No. Exp. CIVIL STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF ELECTRONIC COPIES OF THIS PLAN SHEET.

Dokken Engineering
5675 Ruffin Road
Suite 250
San Diego, CA 92123

Caltrans Metric

REVISED BY | DATE REVISED

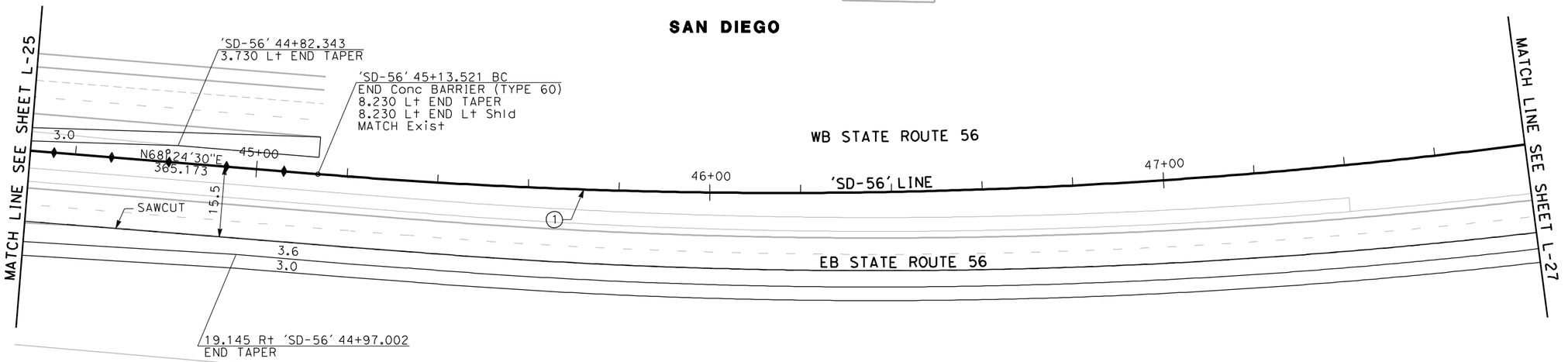
CALCULATED-DESIGNED BY | CHECKED BY

CONSULTANT FUNCTIONAL SUPERVISOR

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans

SAN DIEGO



ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

ALTERNATIVE 2
LAYOUT
SCALE 1:1000

L-26

LAST REVISION 00-00-00 | DATE PLOTTED => 3/30/2012 | TIME PLOTTED => 1:49:02 PM

BORDER LAST REVISED 3/1/2007

RELATIVE BORDER SCALE IS IN MILLIMETERS 0 20 40 60 80

USERNAME => Merjad
DGN FILE => ...\1643ea026_alt2.dgn

CU 00000

EA 177900

CURVE DATA				
No.	R	Δ	T	L
①	1260.000	13°16'13"	146.570	291.828
②	1500.000	13°43'13"	180.572	359.415

Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
11	SD	5/56	52.6/56.0, R0.0/R4.1		

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER No. Exp. CIVIL STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF ELECTRONIC COPIES OF THIS PLAN SHEET.

Dokken Engineering
5675 Ruffin Road
Suite 250
San Diego, CA 92123

SAN DIEGO

WB STATE ROUTE 56

MATCH LINE SEE SHEET L-26

48+00 — N55°08'17"E 167.364 — 49+00 — 'SD-56' LINE — 50+00 — 51+00

① 'SD-56' 48+05.355 EC

'SD-56' 49+72.720 BC ②

20.1

SAWCUT

EB STATE ROUTE 56

3.6
3.0

3.0

26.419 Rt 'SD-56' 47+96
Beg TAPER

20.1 Rt 'SD-56' 51+08.075
END TAPER
END Rt Shld
MATCH Exist

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

ALTERNATIVE 2
LAYOUT
SCALE 1:1000

L-27

REVISED BY | DATE REVISED
CALCULATED-DESIGNED BY | CHECKED BY
CONSULTANT FUNCTIONAL SUPERVISOR

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

LAST REVISION 00-00-00 | DATE PLOTTED => 3/30/2012 | TIME PLOTTED => 11:49:03 PM

BORDER LAST REVISED 3/1/2007

RELATIVE BORDER SCALE IS IN MILLIMETERS 0 20 40 60 80

USERNAME => Merjad
DGN FILE => ...\1643ea027_alt2.dgn

CU 00000

EA 177900