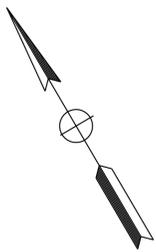


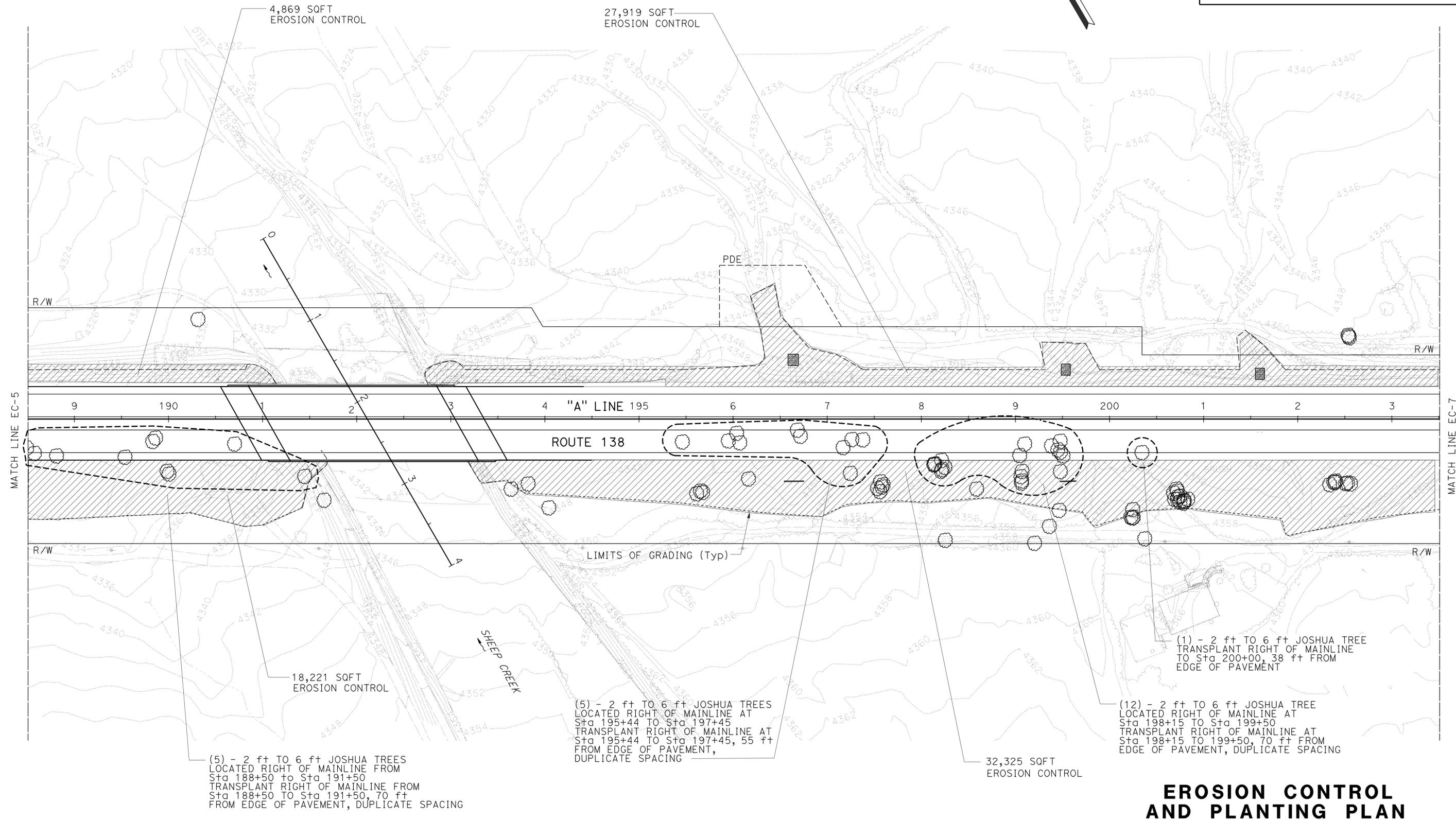
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	SBd	2,138	6.2/6.4, 2.3/R15.2	801	1168

<i>John J. Stanton</i> LICENSED LANDSCAPE ARCHITECT	
3-3-14 PLANS APPROVAL DATE	
<small>THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.</small>	



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

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans LANDSCAPE ARCHITECTURE
 SENIOR LANDSCAPE ARCHITECT
 R. DESSELLE
 CALCULATED/DESIGNED BY
 CHECKED BY
 JOHN STANTON
 RAY I. DESSELLE
 REVISED BY
 DATE REVISED



(5) - 2 ft TO 6 ft JOSHUA TREES
LOCATED RIGHT OF MAINLINE FROM
Sta 188+50 TO Sta 191+50
TRANSPLANT RIGHT OF MAINLINE FROM
Sta 188+50 TO Sta 191+50, 70 ft
FROM EDGE OF PAVEMENT, DUPLICATE SPACING

(5) - 2 ft TO 6 ft JOSHUA TREES
LOCATED RIGHT OF MAINLINE AT
Sta 195+44 TO Sta 197+45
TRANSPLANT RIGHT OF MAINLINE AT
Sta 195+44 TO Sta 197+45, 55 ft
FROM EDGE OF PAVEMENT,
DUPLICATE SPACING

(12) - 2 ft TO 6 ft JOSHUA TREE
LOCATED RIGHT OF MAINLINE AT
Sta 198+15 TO Sta 199+50
TRANSPLANT RIGHT OF MAINLINE AT
Sta 198+15 TO 199+50, 70 ft FROM
EDGE OF PAVEMENT, DUPLICATE SPACING

**EROSION CONTROL
AND PLANTING PLAN**

SCALE: 1" = 50' **EC-6**

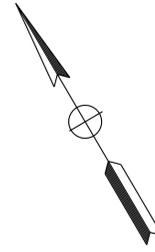
APPROVED FOR EROSION CONTROL AND PLANTING WORK ONLY

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	SBd	2,138	6.2/6.4, 2.3/R15.2	802	1168

John A. Stanton
LICENSED LANDSCAPE ARCHITECT

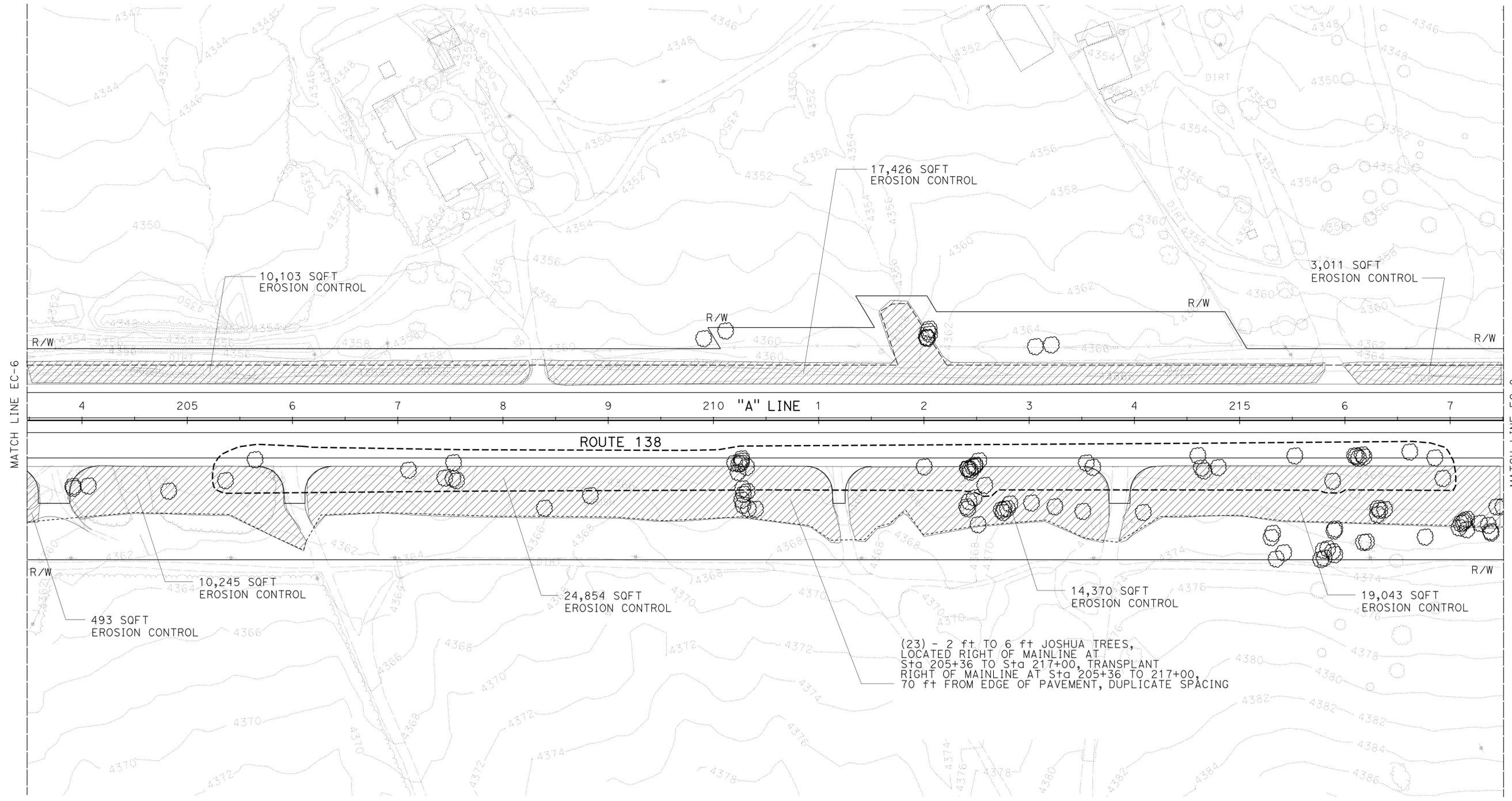
3-3-14
PLANS APPROVAL DATE

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



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

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	LANDSCAPE ARCHITECTURE	SENIOR LANDSCAPE ARCHITECT	JOHN STANTON	REVISOR BY
Caltrans	R. DESSELLE	RAY I. DESSELLE	DATE REVISED	



EROSION CONTROL AND PLANTING PLAN

APPROVED FOR EROSION CONTROL AND PLANTING WORK ONLY

SCALE: 1" = 50' **EC-7**

LAST REVISION DATE PLOTTED => 01-MAY-2014 09-05-13 TIME PLOTTED => 11:26

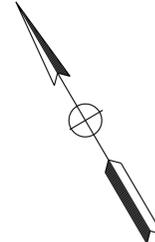
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	SBd	2,138	6.2/6.4, 2.3/R15.2	803	1168

John J. Stanton
LICENSED LANDSCAPE ARCHITECT

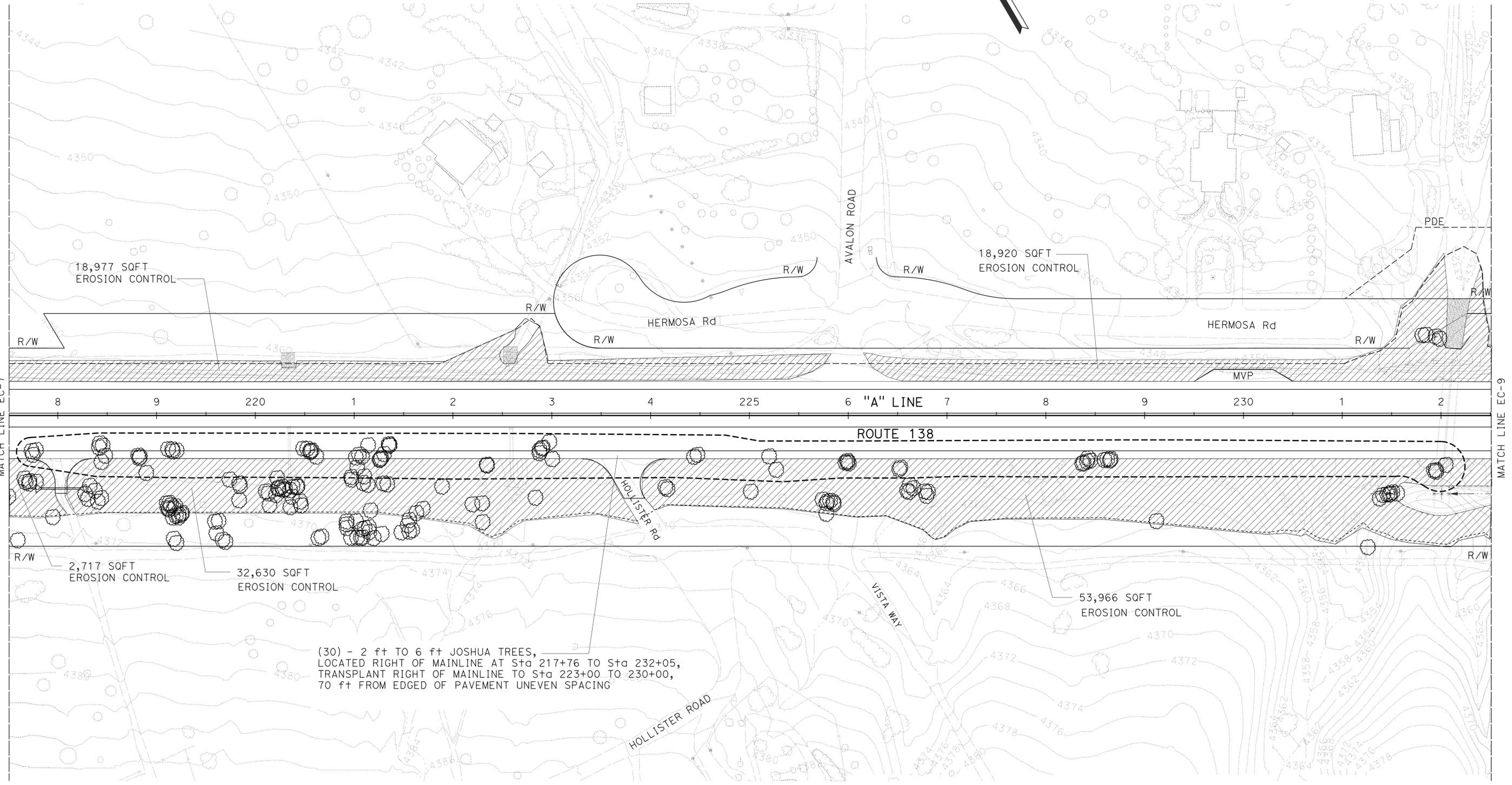
3-3-14
PLANS APPROVAL DATE

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

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



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	SENIOR LANDSCAPE ARCHITECT	CALCULATED/DESIGNED BY	JOHN STANTON	REVISED BY	
Caltans LANDSCAPE ARCHITECTURE	R. DESSELLE	CHECKED BY	RAY I. DESSELLE	DATE REVISED	



EROSION CONTROL AND PLANTING PLAN

APPROVED FOR EROSION CONTROL AND PLANATING WORK ONLY

SCALE: 1" = 50' **EC-8**

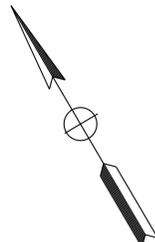
LAST REVISION DATE PLOTTED => 01-MAY-2014 09-05-13 TIME PLOTTED => 11:26

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	SBd	2,138	6.2/6.4, 2.3/R15.2	804	1168

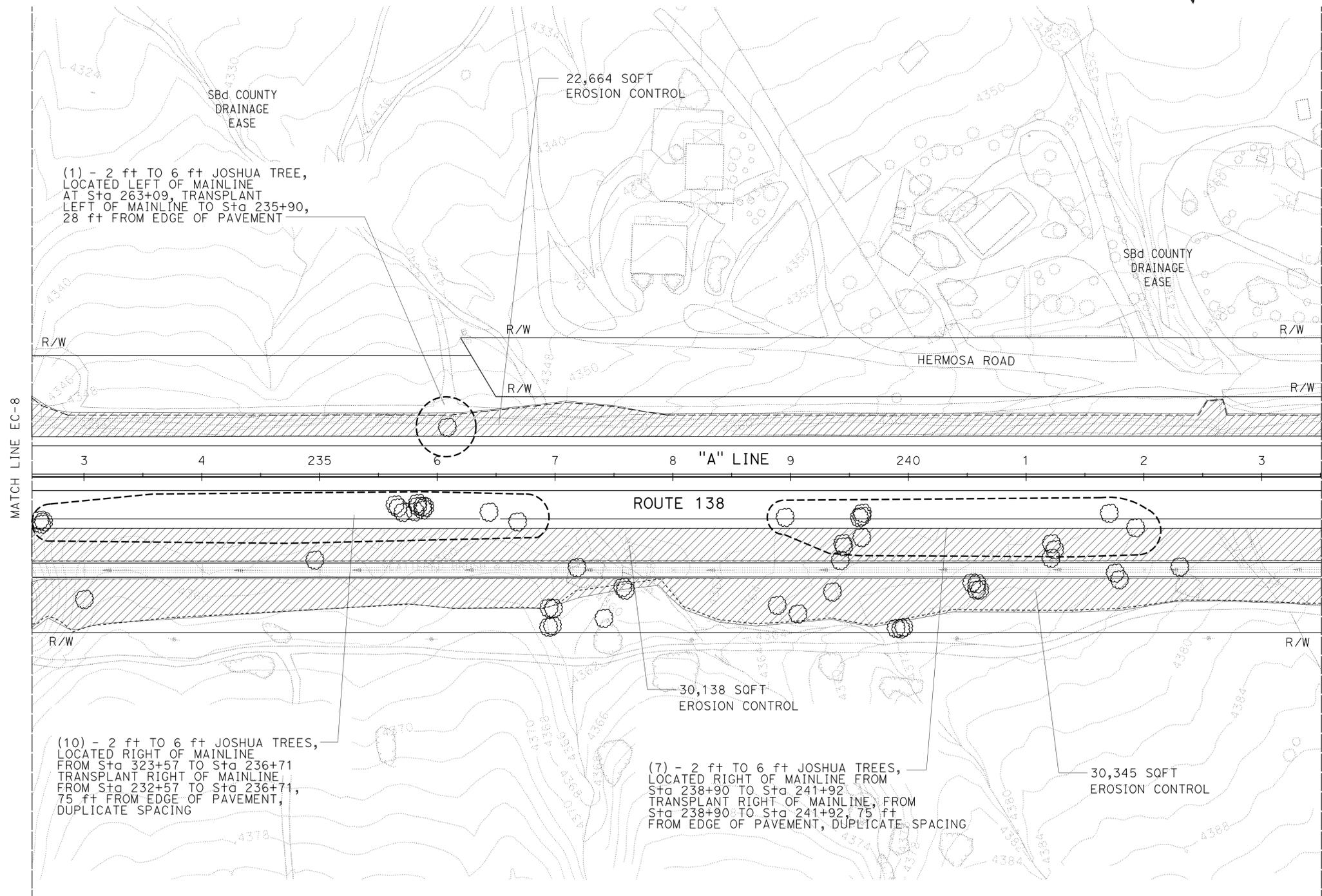
John A. Stanton
LICENSED LANDSCAPE ARCHITECT

3-3-14
PLANS APPROVAL DATE

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



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



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans LANDSCAPE ARCHITECTURE

SENIOR LANDSCAPE ARCHITECT: R. DESSELLE

LANDSCAPE ARCHITECT: JOHN STANTON

REVISOR: RAY I. DESSELLE

DESIGNED BY: [Blank]

CHECKED BY: [Blank]

DATE REVISION: [Blank]

DATE REVISION: [Blank]

APPROVED FOR EROSION CONTROL AND PLANTING WORK ONLY

EROSION CONTROL AND PLANTING PLAN

SCALE: 1" = 50'

EC-9

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

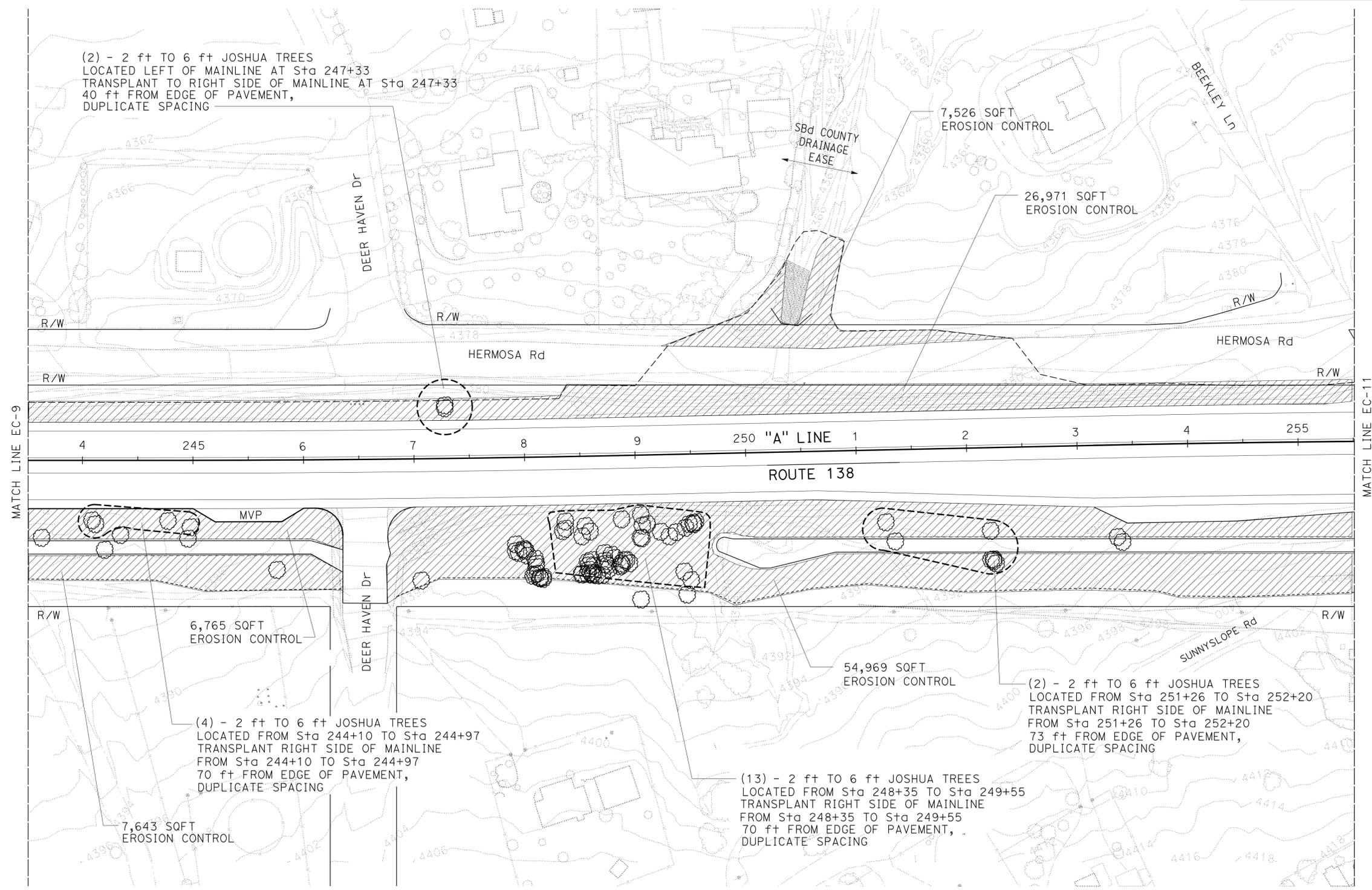
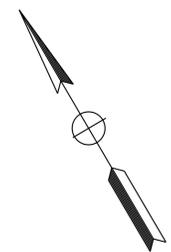
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	SBd	2,138	6.2/6.4, 2.3/R15.2	805	1168

John J. Stanton
LICENSED LANDSCAPE ARCHITECT



3-3-14
PLANS APPROVAL DATE

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



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans LANDSCAPE ARCHITECTURE

DESIGNED BY R. DESSELLE	CHECKED BY	JOHN STANTON	REVISED BY
SENIOR LANDSCAPE ARCHITECT		RAY I. DESSELLE	DATE REVISED

APPROVED FOR EROSION CONTROL AND PLANTING WORK ONLY

**EROSION CONTROL
AND PLANTING PLAN**
SCALE: 1" = 50'
EC-10

LAST REVISION DATE PLOTTED => 01-MAY-2014
09-05-13 TIME PLOTTED => 11:26

NOTE:

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

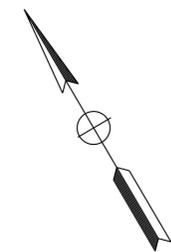
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	SBd	2,138	6.2/6.4, 2.3/R15.2	806	1168

John J. Stanton
LICENSED LANDSCAPE ARCHITECT

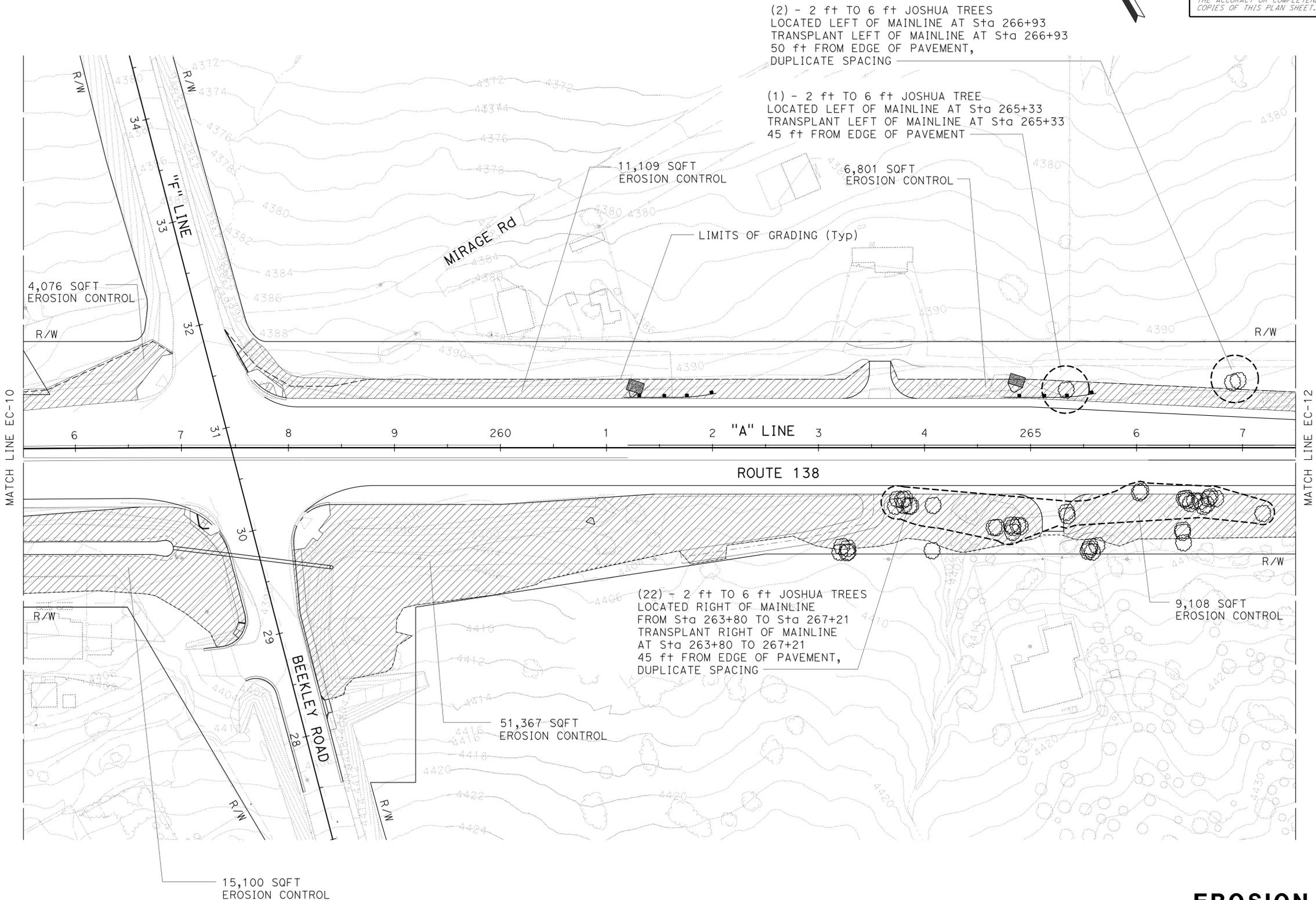


3-3-14
PLANS APPROVAL DATE

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



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	SENIOR LANDSCAPE ARCHITECT	JOHN STANTON	REVISOR
Caltrans LANDSCAPE ARCHITECTURE	R. DESSELLE	RAY I. DESSELLE	DATE REVISED



**EROSION CONTROL
AND PLANTING PLAN**
SCALE: 1" = 50'
EC-11

APPROVED FOR EROSION CONTROL AND PLANTING WORK ONLY

LAST REVISION: DATE PLOTTED => 01-MAY-2014
09-05-13 TIME PLOTTED => 11:26

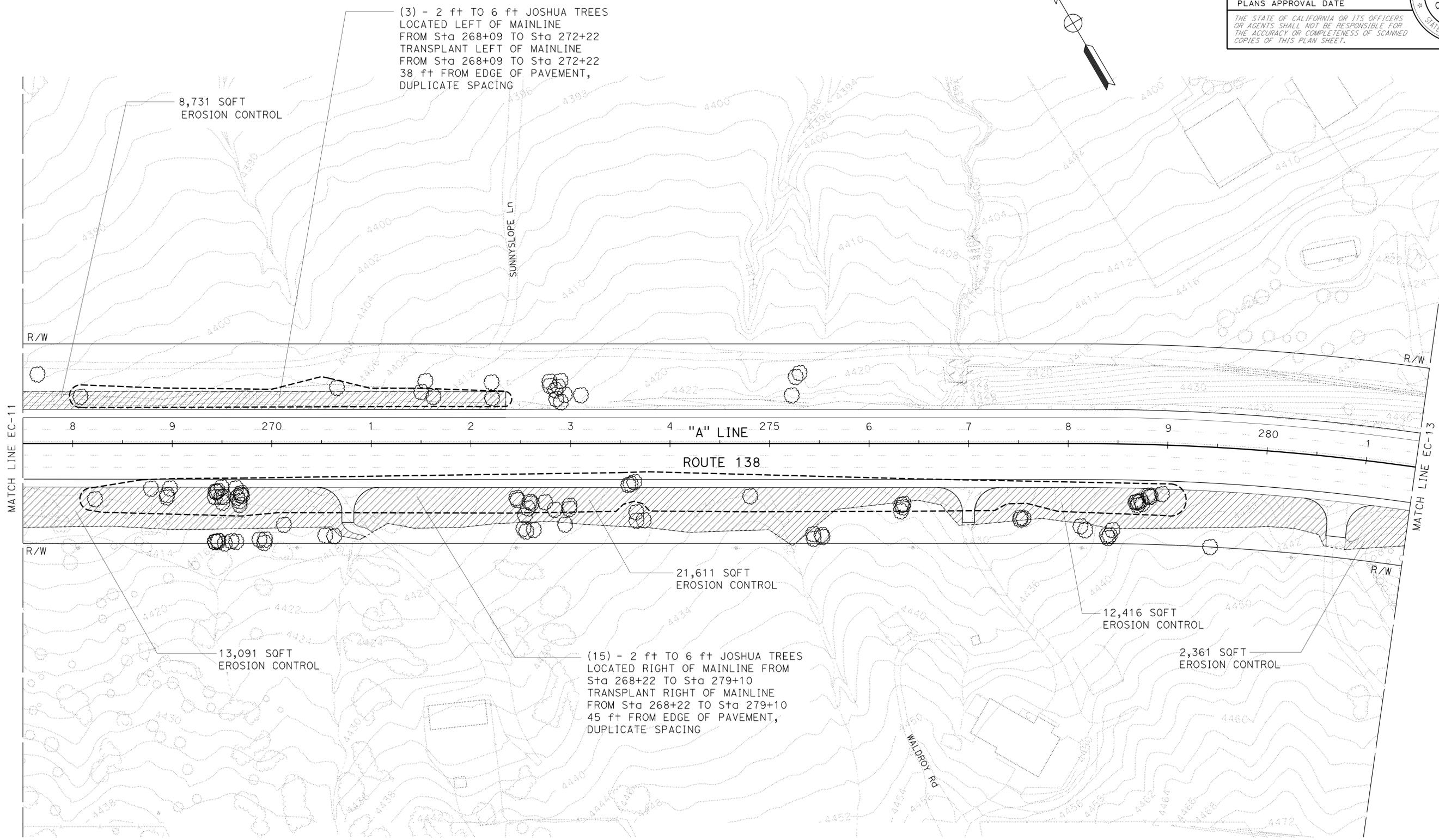
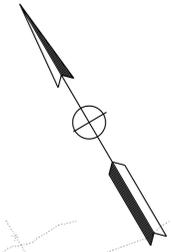
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	SBd	2,138	6.2/6.4, 2.3/R15.2	807	1168

John J. Stanton
LICENSED LANDSCAPE ARCHITECT

3-3-14
PLANS APPROVAL DATE

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

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



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans LANDSCAPE ARCHITECTURE

SENIOR LANDSCAPE ARCHITECT
R. DESSELLE

CALCULATED/DESIGNED BY
CHECKED BY

JOHN STANTON
RAY I. DESSELLE

REVISED BY
DATE REVISED

APPROVED FOR EROSION CONTROL AND PLANTING WORK ONLY

**EROSION CONTROL
AND PLANTING PLAN**
SCALE: 1" = 50'
EC-12

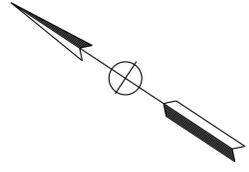
NOTE:
FOR ACCURATE RIGHT OF WAY DATA, CONTACT
RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	SBd	2,138	6.2/6.4, 2.3/R15.2	808	1168

John J. Stanton
LICENSED LANDSCAPE ARCHITECT

3-3-14
PLANS APPROVAL DATE

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



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans LANDSCAPE ARCHITECTURE

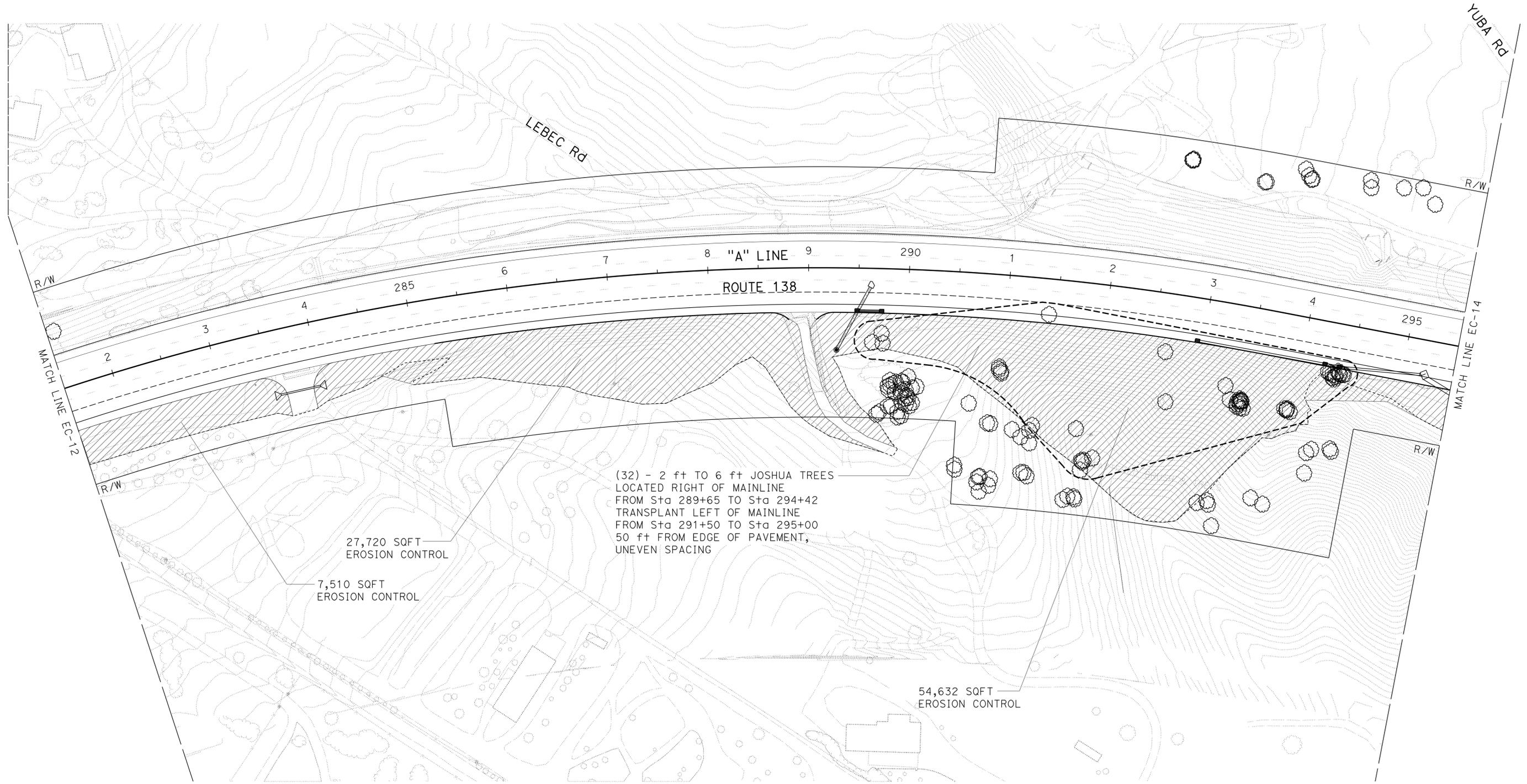
SENIOR LANDSCAPE ARCHITECT
R. DESSELLE

CALCULATED/DESIGNED BY
R. DESSELLE

CHECKED BY
RAY I. DESSELLE

JOHN STANTON
REVISED BY
RAY I. DESSELLE

DATE REVISIED



APPROVED FOR EROSION CONTROL AND PLANTING WORK ONLY

**EROSION CONTROL
AND PLANTING PLAN**

SCALE: 1" = 50'

EC-13

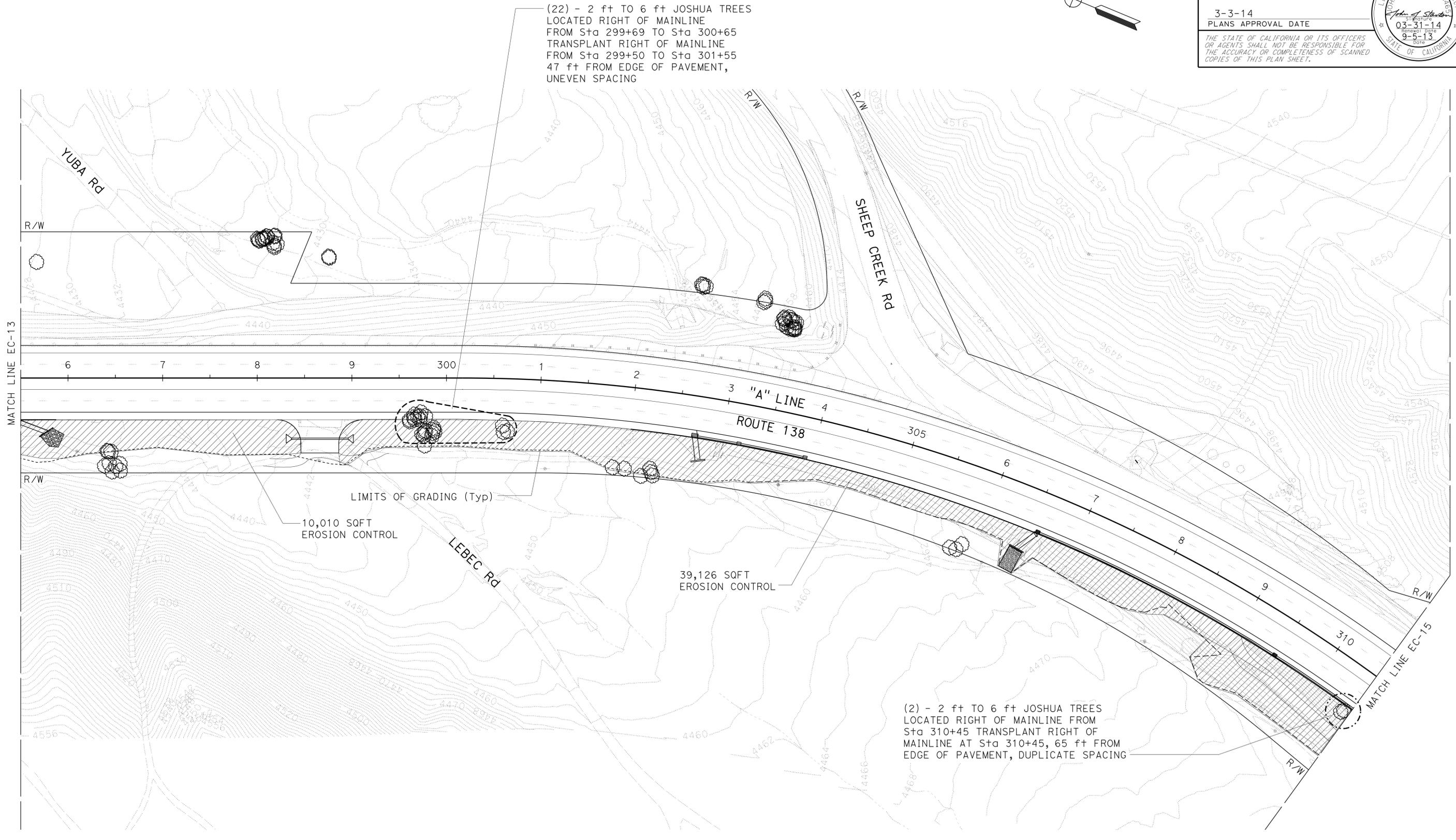
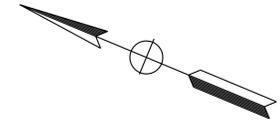
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	SBd	2,138	6.2/6.4, 2.3/R15.2	809	1168

John J. Stanton
LICENSED LANDSCAPE ARCHITECT

3-3-14
PLANS APPROVAL DATE

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

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



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans LANDSCAPE ARCHITECTURE

SENIOR LANDSCAPE ARCHITECT: R. DESSELLE

CHECKED BY: RAY I. DESSELLE

DESIGNED BY: JOHN STANTON

REVISOR: JOHN STANTON

DATE: 03-31-14

APPROVED FOR EROSION CONTROL AND PLANTING WORK ONLY

EROSION CONTROL AND PLANTING PLAN
SCALE: 1" = 50'
EC-14

LAST REVISION: 09-05-13 DATE PLOTTED => 01-MAY-2014 TIME PLOTTED => 11:26

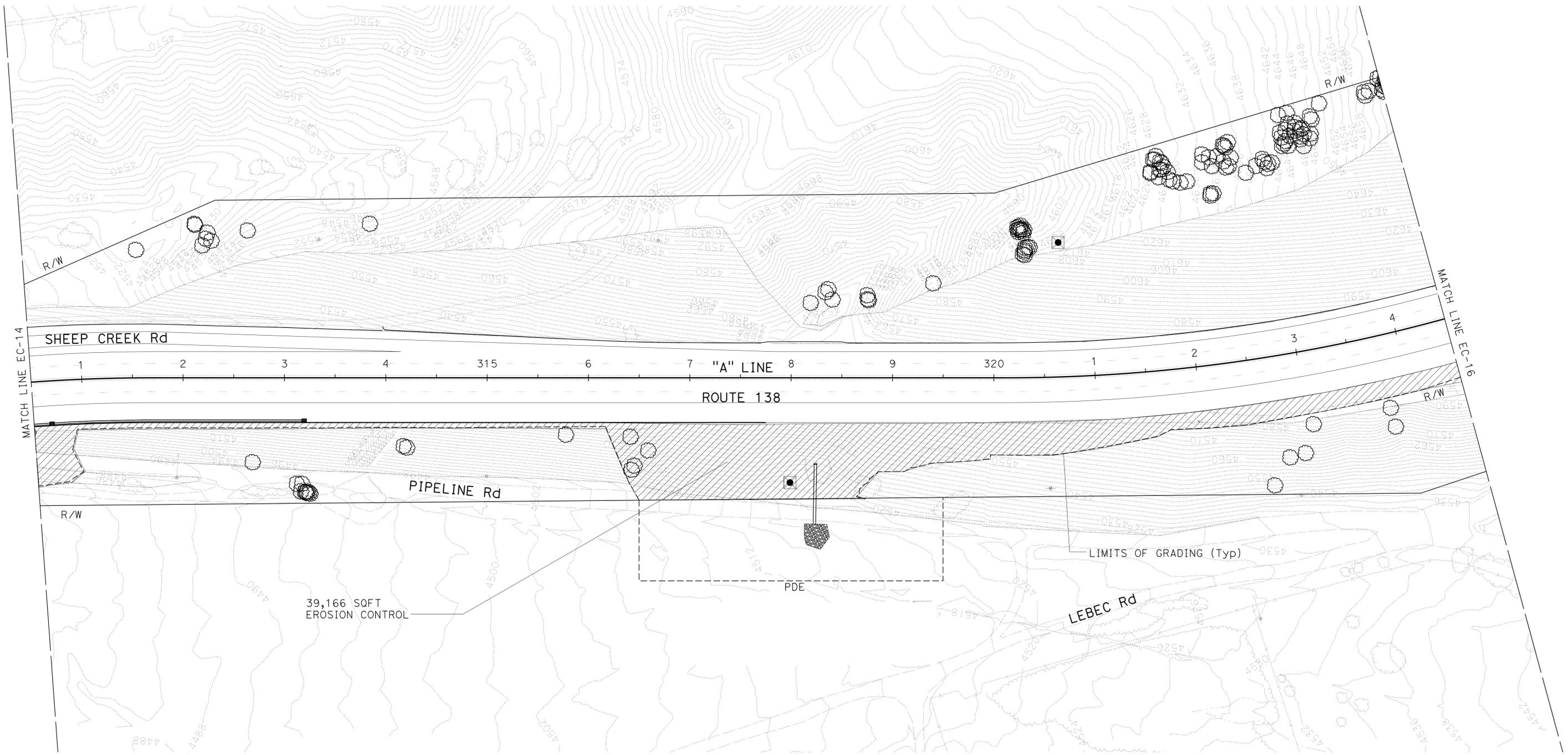
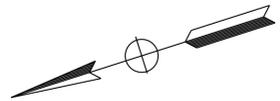
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	SBd	2,138	6.2/6.4, 2.3/R15.2	810	1168

John A. Stanton
LICENSED LANDSCAPE ARCHITECT

3-3-14
PLANS APPROVAL DATE

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

- NOTES:**
1. NO JOSHUA TREE TRANSPLANTING THIS SHEET.
 2. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans LANDSCAPE ARCHITECTURE
 SENIOR LANDSCAPE ARCHITECT
 R. DESSELLE
 CALCULATED/DESIGNED BY
 CHECKED BY
 JOHN STANTON
 RAY I. DESSELLE
 REVISED BY
 DATE REVISED

APPROVED FOR EROSION CONTROL AND PLANTING WORK ONLY

EROSION CONTROL AND PLANTING PLAN

SCALE: 1" = 50'

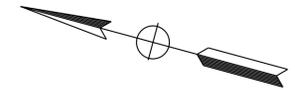
EC-15

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	SBd	2,138	6.2/6.4, 2.3/R15.2	811	1168

John J. Stanton
LICENSED LANDSCAPE ARCHITECT

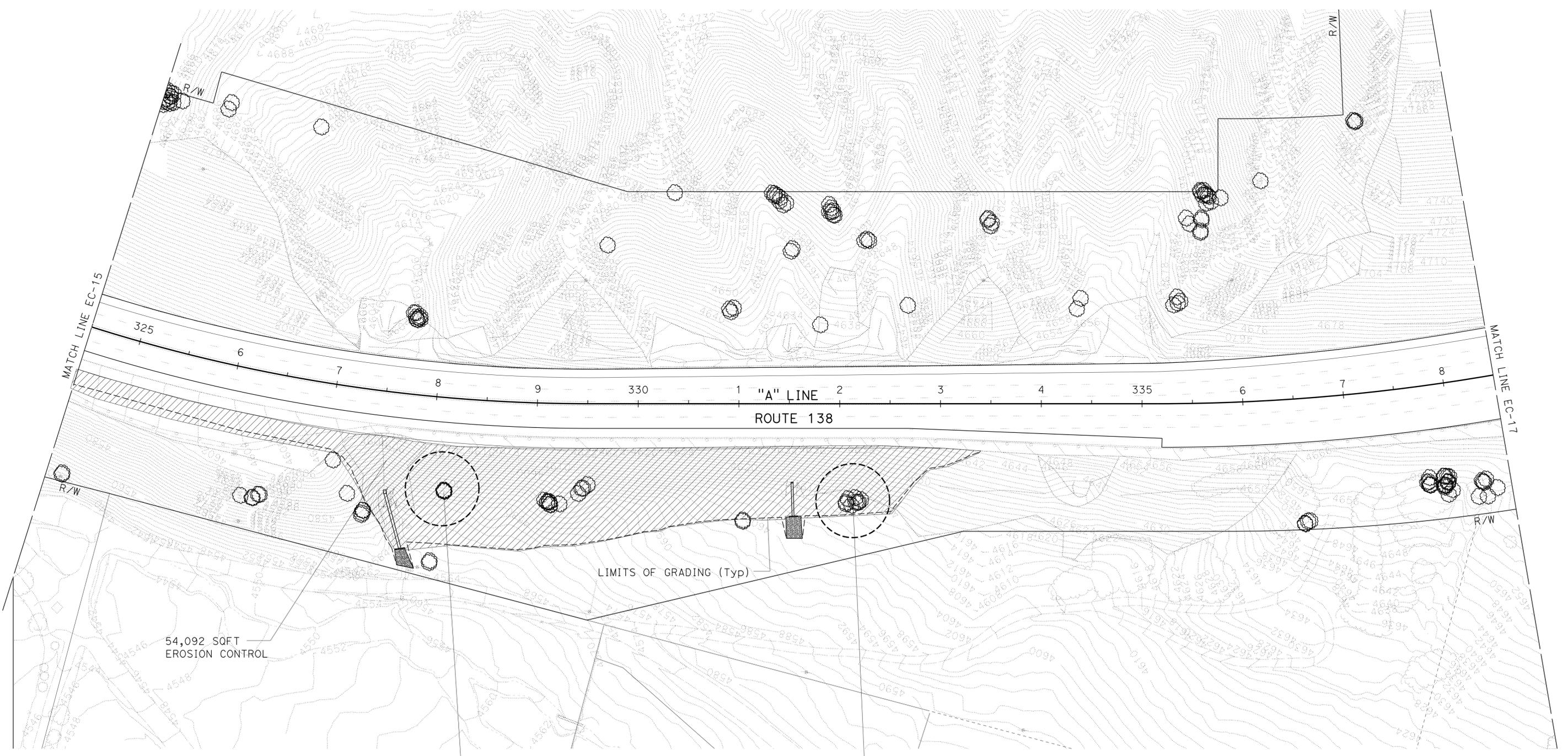
3-3-14
PLANS APPROVAL DATE

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



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

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	SENIOR LANDSCAPE ARCHITECT	JOHN STANTON	REVISED BY
Caltrans LANDSCAPE ARCHITECTURE	R. DESSELLE	RAY I. DESSELLE	DATE REVISED
	CALCULATED/DESIGNED BY		
	CHECKED BY		



(4) - 2 ft TO 6 ft JOSHUA TREES
LOCATED RIGHT OF MAINLINE AT Sta 328+20
TRANSPLANT LEFT OF MAINLINE AT Sta 334+50
47 ft FROM EDGE OF PAVEMENT, UNEVEN SPACING

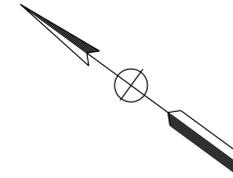
(9) - 2 ft TO 6 ft JOSHUA TREES
LOCATED AT RIGHT OF MAINLINE AT Sta 332+15
TRANSPLANT RIGHT OF MAINLINE AT Sta 337+00
30 ft FROM EDGE OF PAVEMENT, UNEVEN SPACING

**EROSION CONTROL
AND PLANTING PLAN**
SCALE: 1" = 50'
EC-16

APPROVED FOR EROSION CONTROL AND PLANTING WORK ONLY

NOTES:

1. NO EROSION CONTROL OR JOSHUA TREE TRANSPLANTING THIS SHEET.
2. 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
08	SBd	2,138	6.2/6.4, 2.3/R15.2	812	1168

<i>John J. Stanton</i> LICENSED LANDSCAPE ARCHITECT	
3-3-14	PLANS APPROVAL DATE
<small>THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.</small>	



EROSION CONTROL AND PLANTING PLAN

SCALE: 1" = 50'

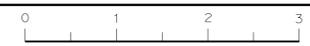
EC-17

APPROVED FOR EROSION CONTROL AND PLANTING WORK ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	SENIOR LANDSCAPE ARCHITECT	JOHN STANTON	REVISOR BY
Caltrans LANDSCAPE ARCHITECTURE	R. DESSELLE	RAY I. DESSELLE	DATE REVISED
	CALCULATED/DESIGNED BY		
	CHECKED BY		

USERNAME => s121614
DGN FILE => 0800000609te017.dgn

RELATIVE BORDER SCALE
IS IN INCHES



UNIT 2271

PROJECT NUMBER & PHASE

08000006091

BORDER LAST REVISED 7/2/2010

LAST REVISION: DATE PLOTTED => 01-MAY-2014
09-05-13 TIME PLOTTED => 11:27

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	SBd	2,138	6.2/6.4, 2.3/R15.2	814	1168

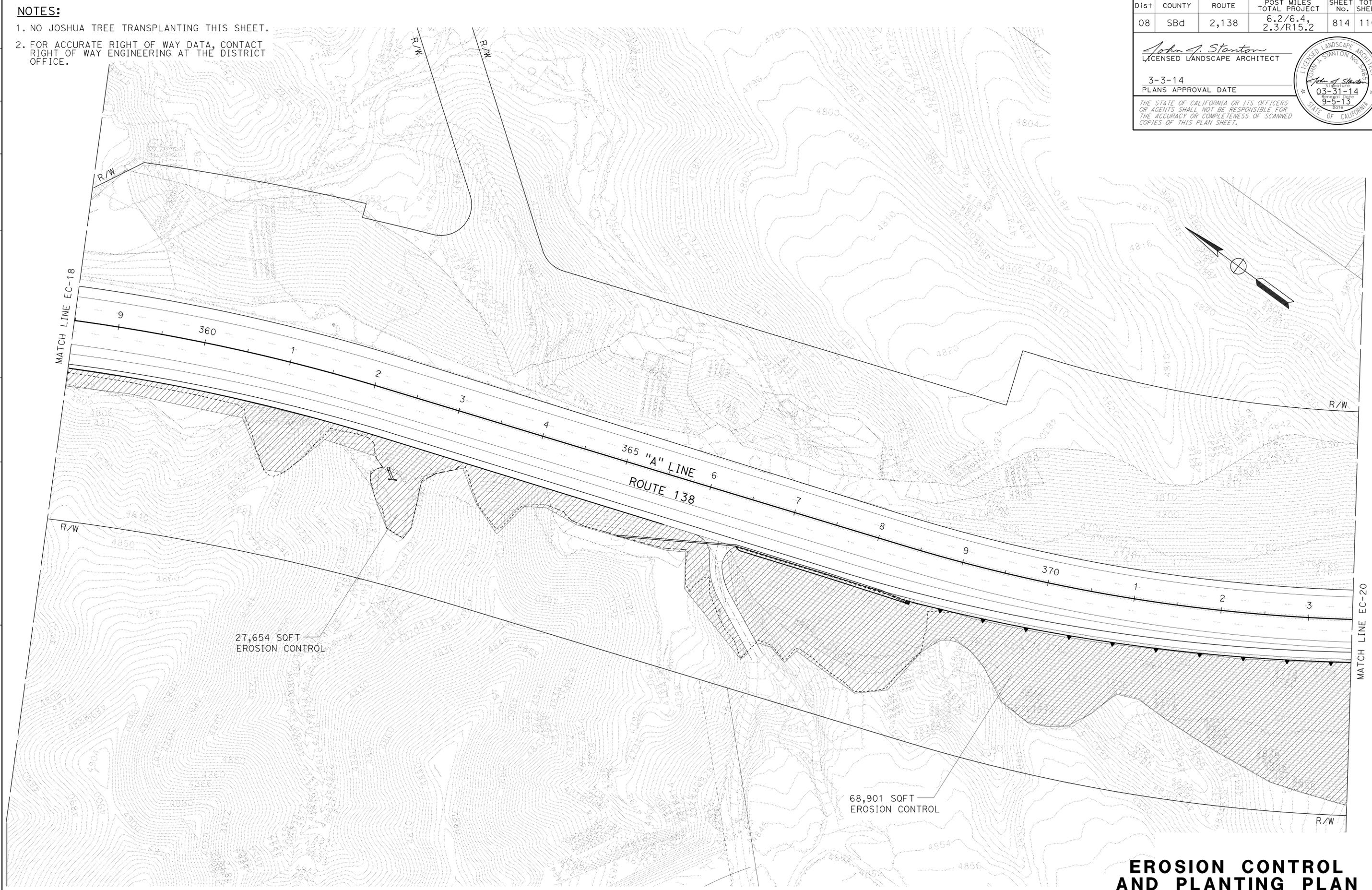
John A. Stanton
LICENSED LANDSCAPE ARCHITECT

3-3-14
PLANS APPROVAL DATE

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

- NOTES:**
1. NO JOSHUA TREE TRANSPLANTING THIS SHEET.
 2. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	SENIOR LANDSCAPE ARCHITECT	CALCULATED-DESIGNED BY	JOHN STANTON	REVISED BY
Caltrans LANDSCAPE ARCHITECTURE	R. DESSELLE	CHECKED BY	RAY I. DESSELLE	DATE REVISED



APPROVED FOR EROSION CONTROL AND PLANTING WORK ONLY

EROSION CONTROL AND PLANTING PLAN
SCALE: 1" = 50'
EC-19

LAST REVISION: DATE PLOTTED => 01-MAY-2014 09-05-13 TIME PLOTTED => 11:27

NOTES:

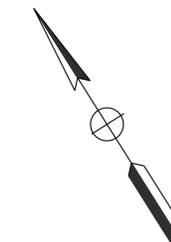
1. NO JOSHUA TREE TRANSPLANTING THIS SHEET.
2. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	SBd	2,138	6.2/6.4, 2.3/R15.2	815	1168

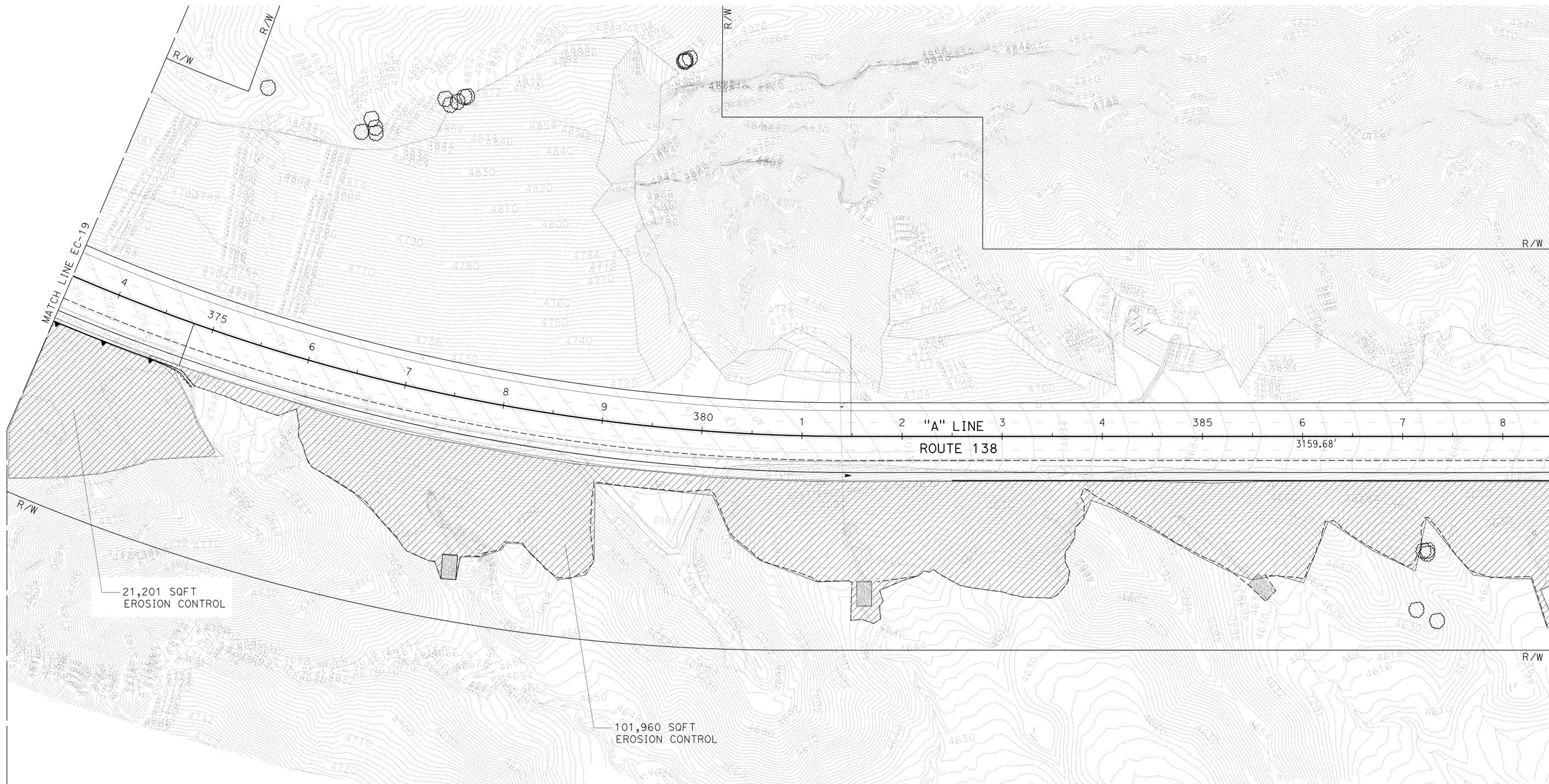
John A. Stanton
LICENSED LANDSCAPE ARCHITECT

3-3-14
PLANS APPROVAL DATE

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



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans LANDSCAPE ARCHITECTURE
SENIOR LANDSCAPE ARCHITECT
R. DESSELLE
CALCULATED/DESIGNED BY
CHECKED BY
JOHN STANTON
RAY I. DESSELLE
REVISED BY
DATE REVISED



EROSION CONTROL AND PLANTING PLAN
SCALE: 1" = 50'

APPROVED FOR EROSION CONTROL AND PLANTING WORK ONLY

EC-20

LAST REVISION: DATE PLOTTED => 01-MAY-2014 TIME PLOTTED => 11:27

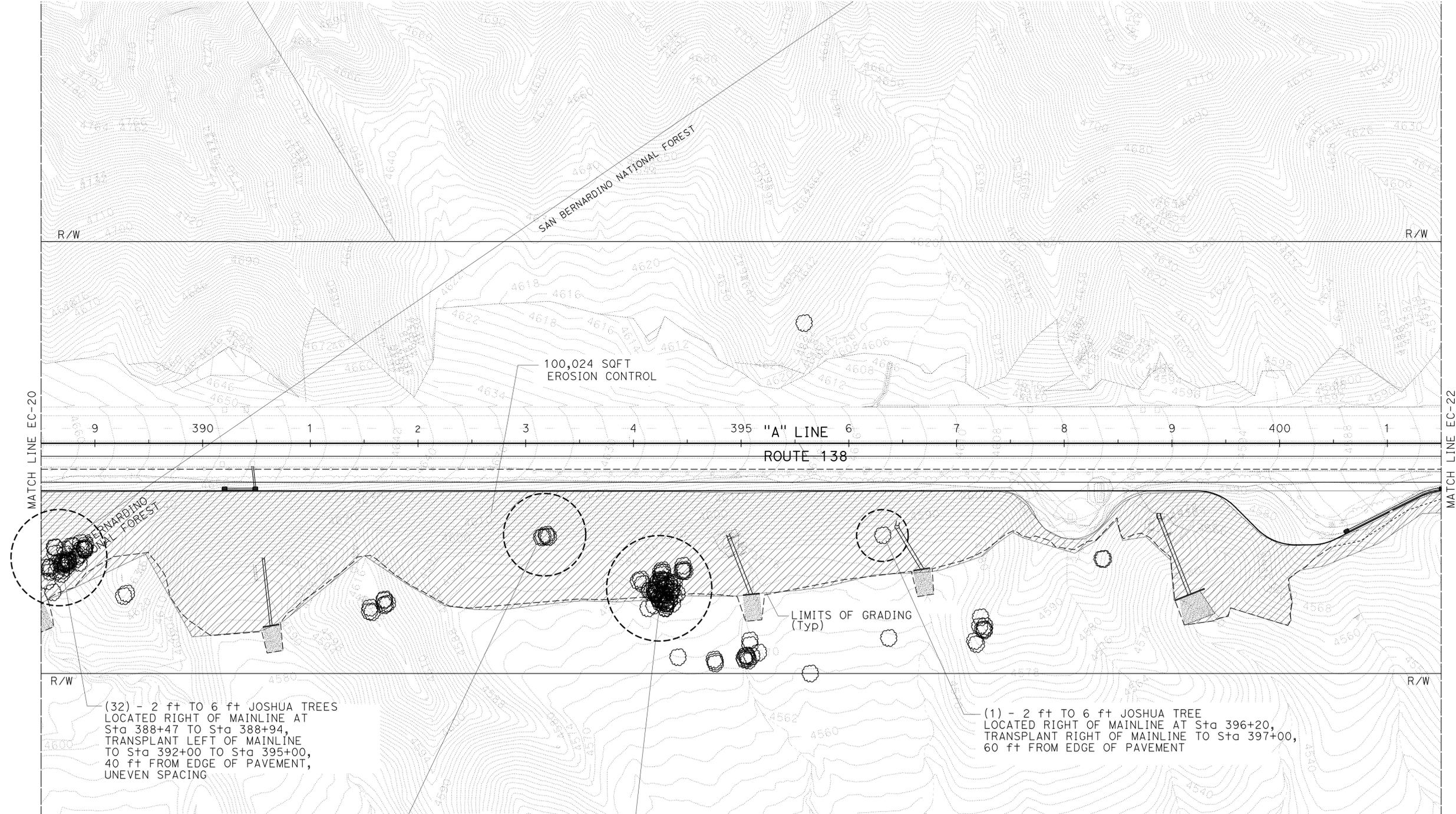
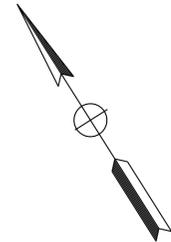
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	SBd	2,138	6.2/6.4, 2.3/R15.2	816	1168

<i>John A. Stanton</i> LICENSED LANDSCAPE ARCHITECT	
3-3-14	PLANS APPROVAL DATE
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.	



NOTES:

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



(32) - 2 ft TO 6 ft JOSHUA TREES LOCATED RIGHT OF MAINLINE AT Sta 388+47 TO Sta 388+94, TRANSPLANT LEFT OF MAINLINE TO Sta 392+00 TO Sta 395+00, 40 ft FROM EDGE OF PAVEMENT, UNEVEN SPACING

(1) - 2 ft TO 6 ft JOSHUA TREE LOCATED RIGHT OF MAINLINE AT Sta 396+20, TRANSPLANT RIGHT OF MAINLINE TO Sta 397+00, 60 ft FROM EDGE OF PAVEMENT

(5) - 2 ft TO 6 ft JOSHUA TREES LOCATED RIGHT OF MAINLINE AT Sta 393+18, TRANSPLANT LEFT OF MAINLINE TO Sta 393+20, 80 ft FROM EDGE OF PAVEMENT, DUPLICATE SPACING

(38) - 2 ft TO 6 ft JOSHUA TREES LOCATED RIGHT OF MAINLINE AT Sta 394+05 TO Sta 394+50, TRANSPLANT LEFT OF MAINLINE TO Sta 394+25 TO Sta 397+25, 90 ft FROM EDGE OF PAVEMENT, UNEVEN SPACING

EROSION CONTROL AND PLANTING PLAN

SCALE: 1" = 50'

EC-21

APPROVED FOR EROSION CONTROL AND PLANTING WORK ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	SENIOR LANDSCAPE ARCHITECT	JOHN STANTON	REVISOR BY
Caltrans LANDSCAPE ARCHITECTURE	R. DESSELLE	RAY I. DESSELLE	DATE REVISED

USERNAME => s121614
DGN FILE => 0800000609+e021.dgn



UNIT 2271

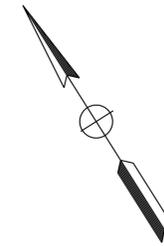
PROJECT NUMBER & PHASE

08000006091

BORDER LAST REVISED 7/2/2010

LAST REVISION DATE PLOTTED => 01-MAY-2014
09-05-13 TIME PLOTTED => 11:27

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

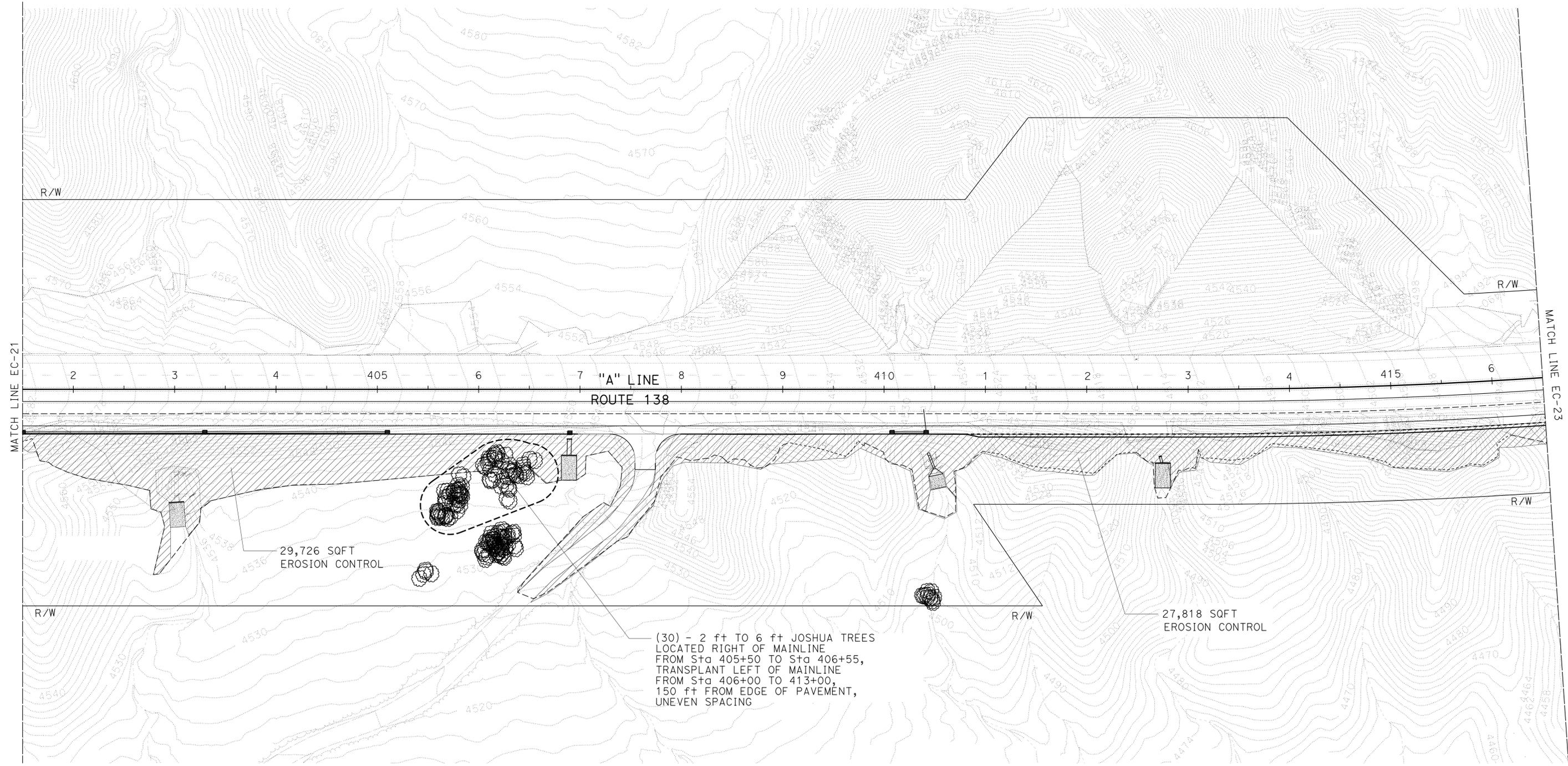


Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	SBd	2,138	6.2/6.4, 2.3/R15.2	817	1168

<i>John A. Stanton</i> LICENSED LANDSCAPE ARCHITECT	
3-3-14	PLANS APPROVAL DATE
<small>THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.</small>	



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans LANDSCAPE ARCHITECTURE
 SENIOR LANDSCAPE ARCHITECT
 R. DESSELLE
 CHECKED BY
 RAY I. DESSELLE
 DESIGNED BY
 JOHN STANTON
 REVISED BY
 DATE REVIS



**EROSION CONTROL AND
 PLANTING PLAN**
 SCALE: 1" = 50'
EC-22

APPROVED FOR EROSION CONTROL AND PLANTING WORK ONLY

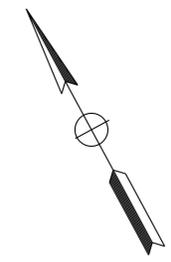
LAST REVISION: DATE PLOTTED => 01-MAY-2014
 09-05-13 TIME PLOTTED => 11:27

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	SBd	2,138	6.2/6.4, 2.3/R15.2	818	1168

John A. Stanton
LICENSED LANDSCAPE ARCHITECT

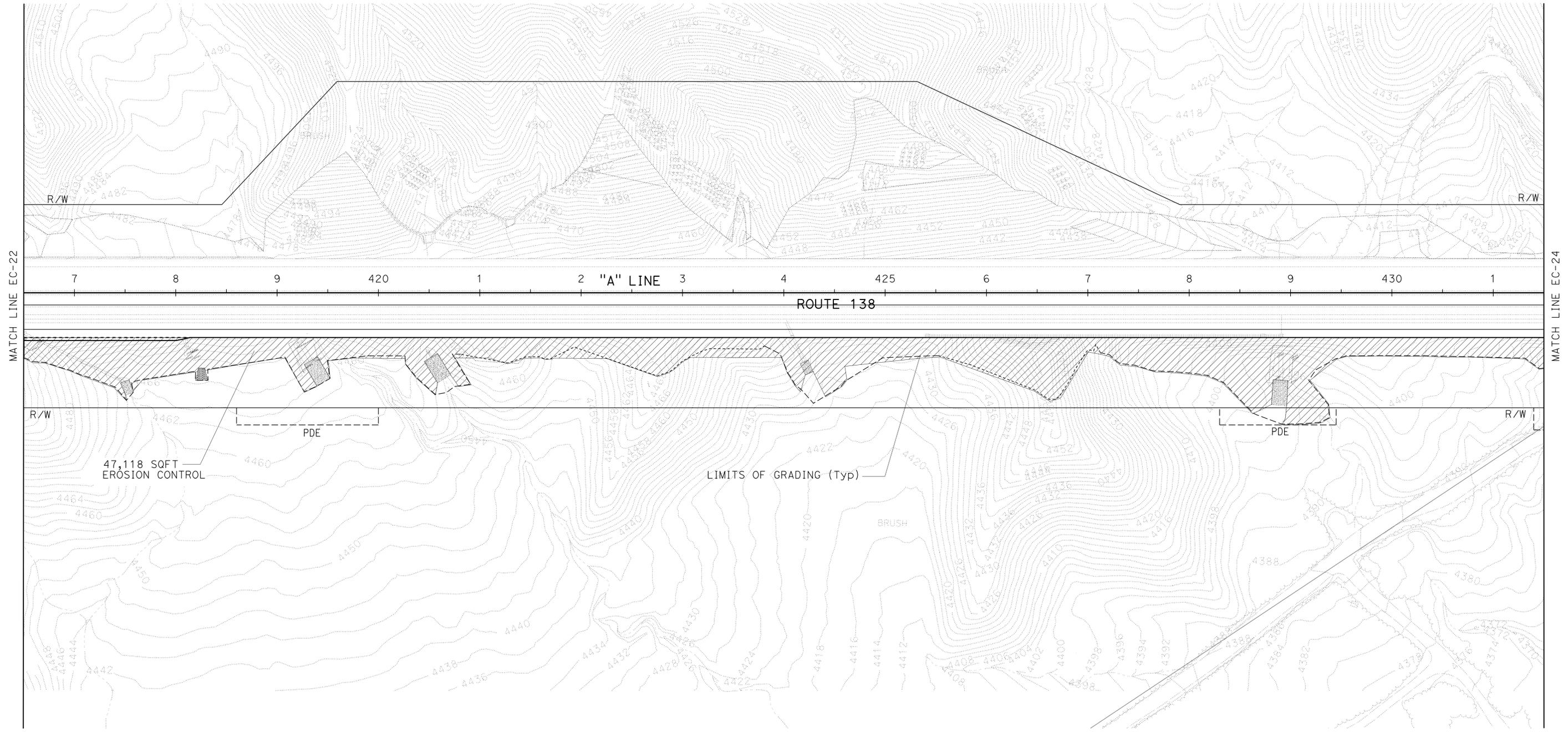
3-3-14
PLANS APPROVAL DATE

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



- NOTES:**
1. NO JOSHUA TREE TRANSPLANTING THIS SHEET.
 2. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans LANDSCAPE ARCHITECTURE
 SENIOR LANDSCAPE ARCHITECT
R. DESSELLE
 CHECKED BY
R. DESSELLE
 CALCULATED/DESIGNED BY
R. DESSELLE
 JOHN STANTON
 RAY I. DESSELLE
 REVISED BY
 DATE REVISED



APPROVED FOR EROSION CONTROL AND PLANTING WORK ONLY

EROSION CONTROL AND PLANTING PLAN
 SCALE: 1" = 50'
EC-23

LAST REVISION: DATE PLOTTED => 01-MAY-2014
 09-05-13 TIME PLOTTED => 11:27

NOTES:

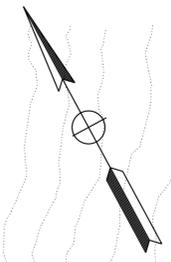
1. NO JOSHUA TREE TRANSPLANTING THIS SHEET.
2. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	SBd	2,138	6.2/6.4, 2.3/R15.2	819	1168

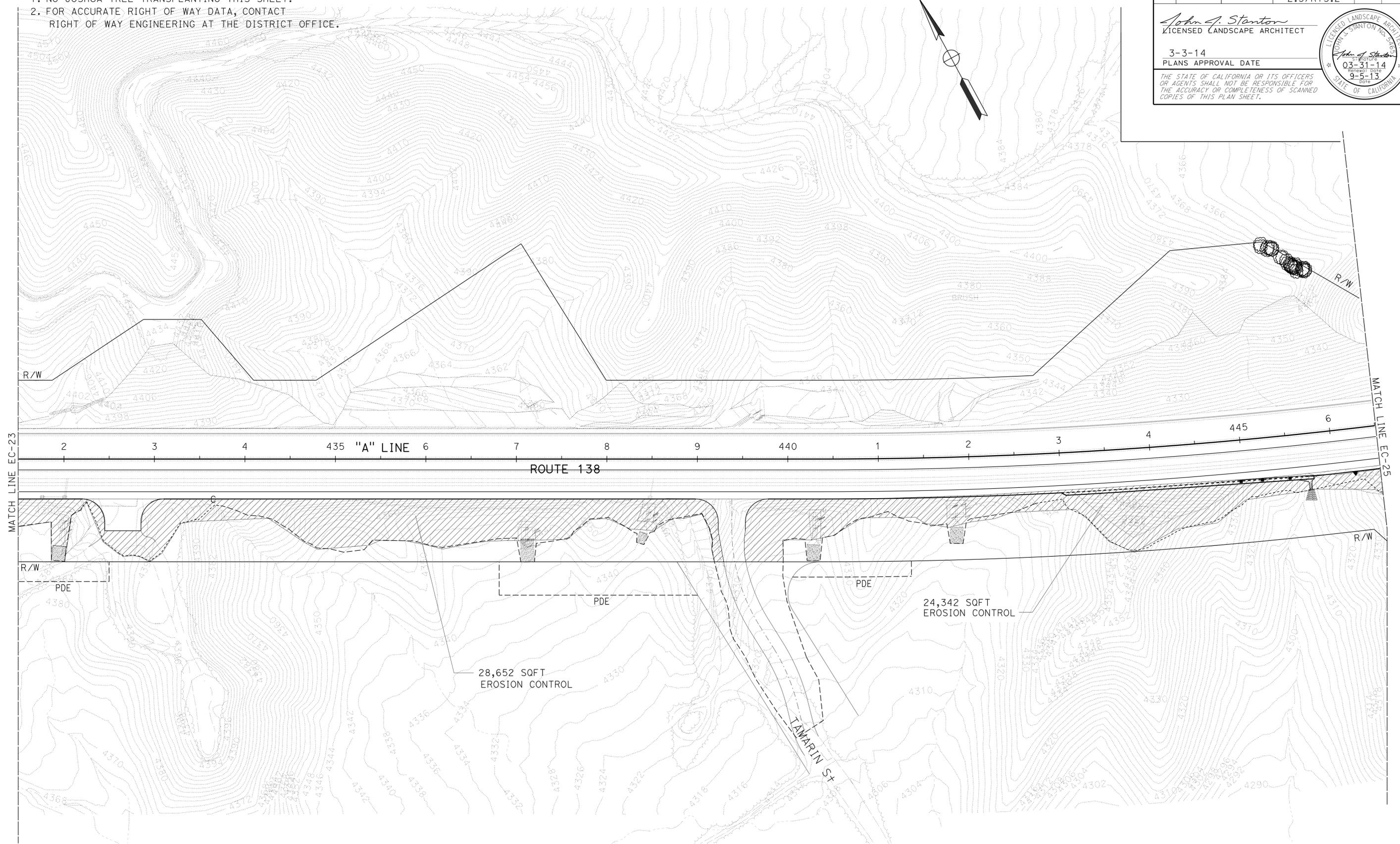
John A. Stanton
LICENSED LANDSCAPE ARCHITECT

3-3-14
PLANS APPROVAL DATE

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



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans LANDSCAPE ARCHITECTURE
 SENIOR LANDSCAPE ARCHITECT
 R. DESSELLE
 CHECKED BY
 RAY I. DESSELLE
 CALCULATED/DESIGNED BY
 JOHN STANTON
 REVISED BY
 DATE REVISD



EROSION CONTROL AND PLANTING PLAN
 SCALE: 1" = 50'
EC-24

APPROVED FOR EROSION CONTROL AND PLANTING WORK ONLY

LAST REVISION DATE PLOTTED => 01-MAY-2014
 09-05-13 TIME PLOTTED => 11:27

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	SBd	2,138	6.2/6.4, 2.3/R15.2	820	1168

John A. Stanton
LICENSED LANDSCAPE ARCHITECT

3-3-14
PLANS APPROVAL DATE

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



- NOTES:**
1. NO JOSHUA TREE TRANSPLANTING THIS SHEET.
 2. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans LANDSCAPE ARCHITECTURE

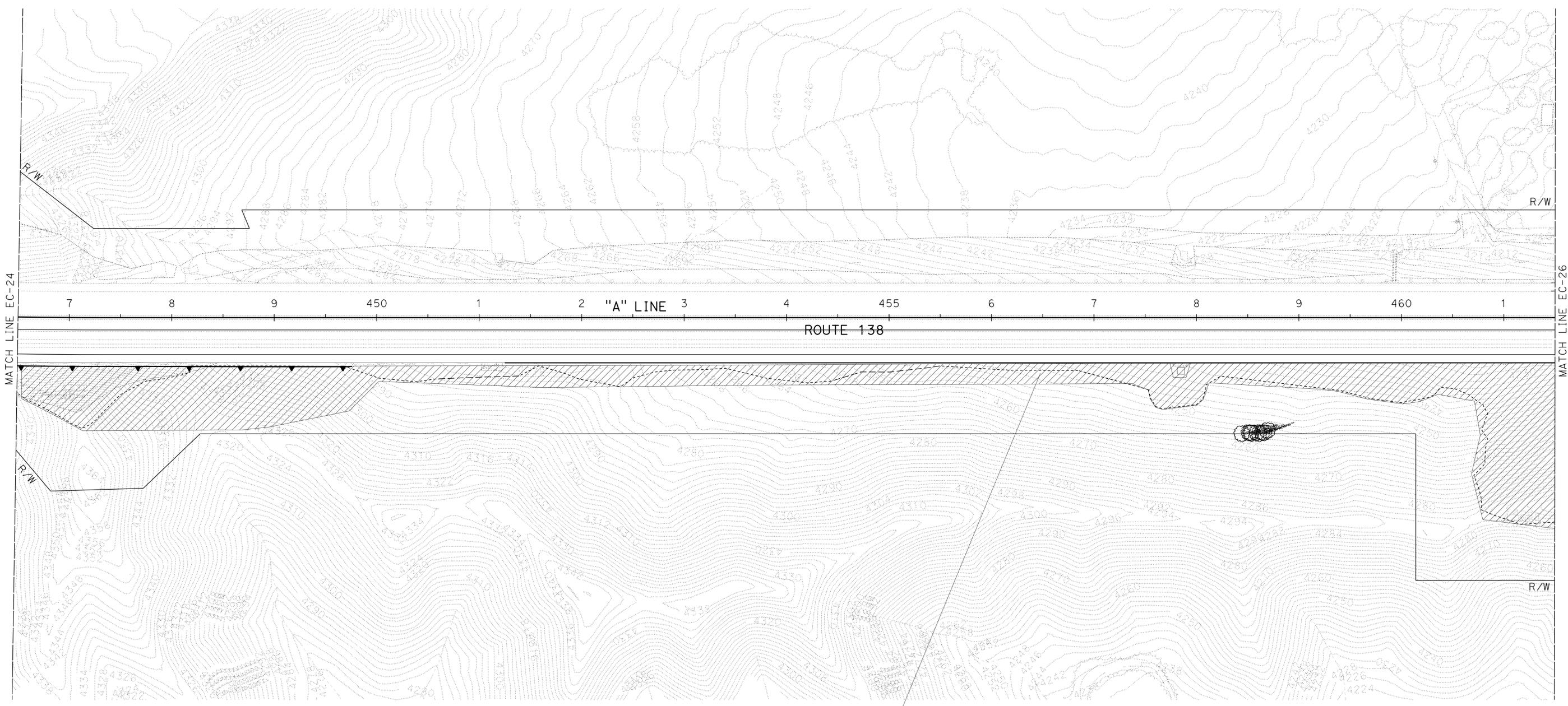
SENIOR LANDSCAPE ARCHITECT
R. DESSELLE

CALCULATED/DESIGNED BY
R. DESSELLE

CHECKED BY
RAY I. DESSELLE

JOHN STANTON
RAY I. DESSELLE

REVISED BY
 DATE REVISED



EROSION CONTROL AND PLANTING PLAN

SCALE: 1" = 50'

EC-25

APPROVED FOR EROSION CONTROL AND PLANTING WORK ONLY

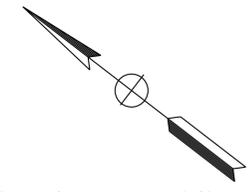
NOTE:
FOR ACCURATE RIGHT OF WAY DATA, CONTACT
RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	SBd	2,138	6.2/6.4, 2.3/R15.2	821	1168

John J. Stanton
LICENSED LANDSCAPE ARCHITECT

3-3-14
PLANS APPROVAL DATE

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



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans LANDSCAPE ARCHITECTURE

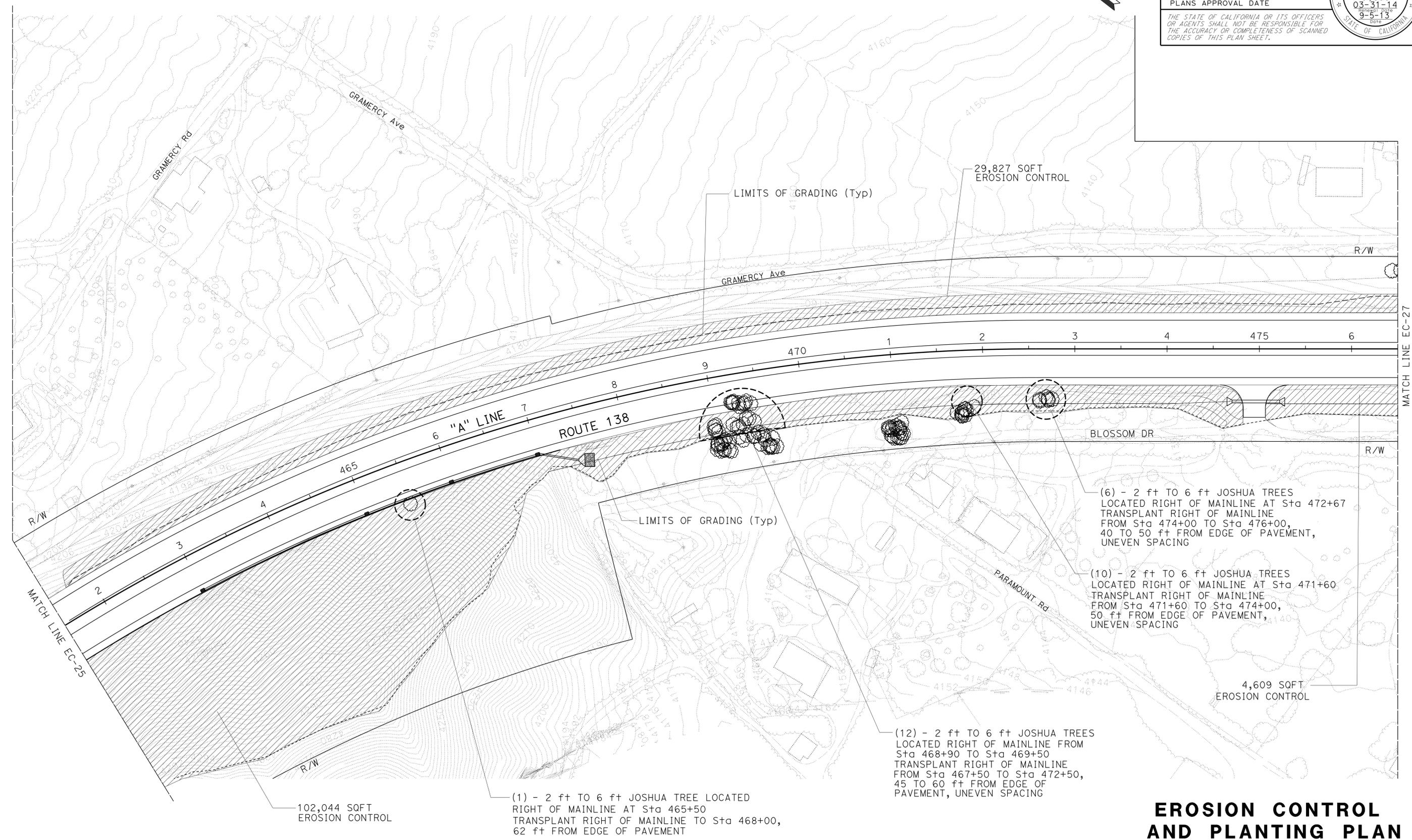
SENIOR LANDSCAPE ARCHITECT
R. DESSELLE

CALCULATED/DESIGNED BY
R. DESSELLE

REVISOR
JOHN STANTON

CHECKED BY
RAY I. DESSELLE

DATE REVISION



APPROVED FOR EROSION CONTROL AND PLANTING WORK ONLY

**EROSION CONTROL
AND PLANTING PLAN**

SCALE: 1" = 50'
EC-26

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans LANDSCAPE ARCHITECTURE

SENIOR LANDSCAPE ARCHITECT
R. DESSELLE

JOHN STANTON
 RAY I. DESSELLE

REVISOR BY
 DATE REVISED

CALCULATED/DESIGNED BY
 CHECKED BY

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

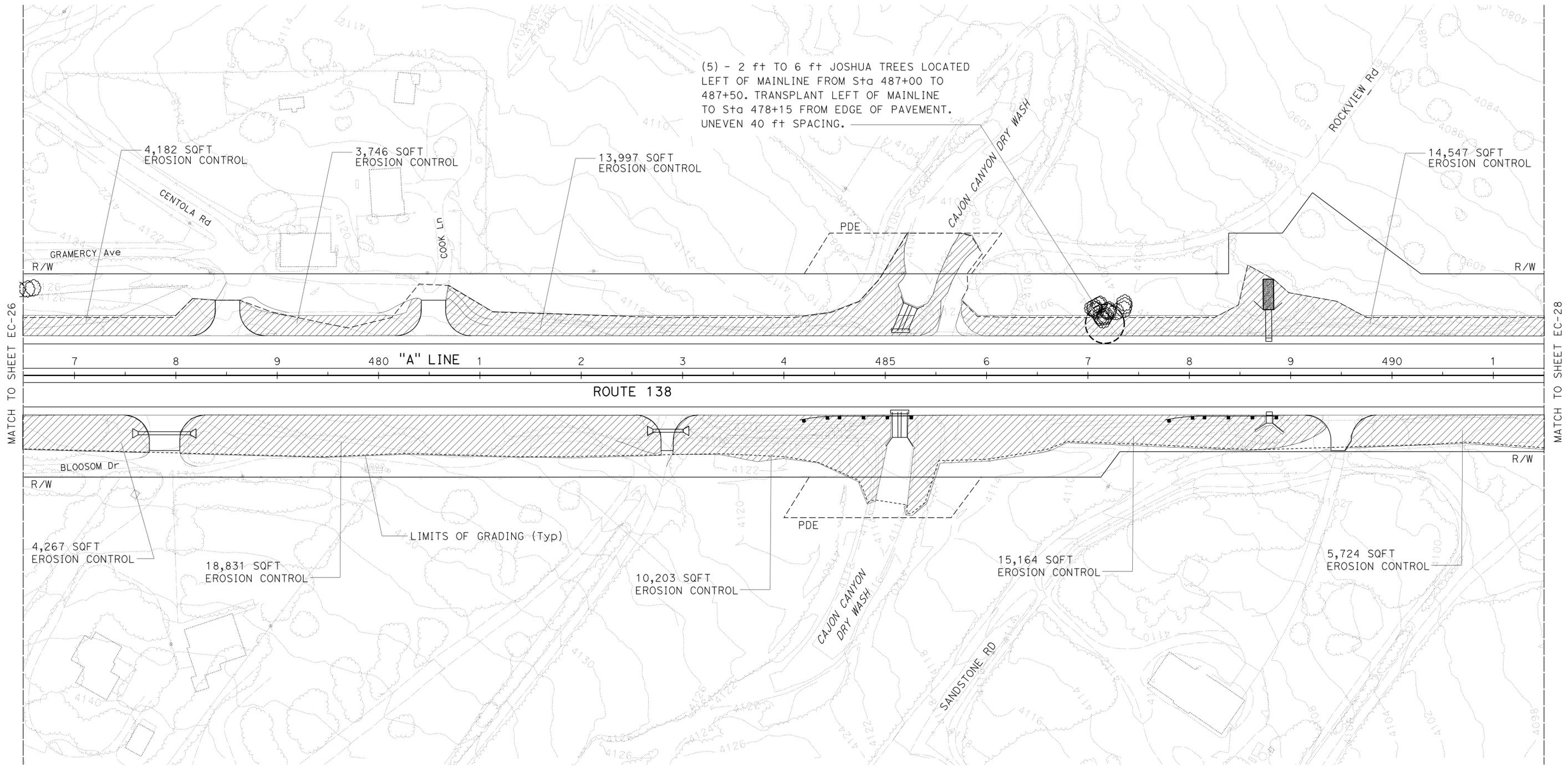
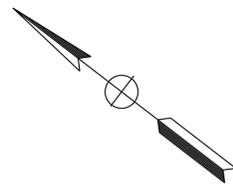
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	SBd	2,138	6.2/6.4, 2.3/R15.2	822	1168

John J. Stanton
 LICENSED LANDSCAPE ARCHITECT

3-3-14
 PLANS APPROVAL DATE

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

John J. Stanton
 LICENSED LANDSCAPE ARCHITECT
 No. 51104
 03-31-14
 9-5-13
 STATE OF CALIFORNIA



APPROVED FOR EROSION CONTROL AND PLANTING WORK ONLY

**EROSION CONTROL
 AND PLANTING PLAN
 EC-27**
 SCALE: 1" = 50'

NOTE:

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

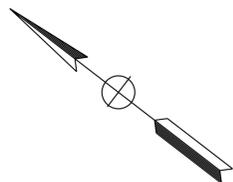
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	SBd	2,138	6.2/6.4, 2.3/R15.2	823	1168

John J. Stanton
LICENSED LANDSCAPE ARCHITECT

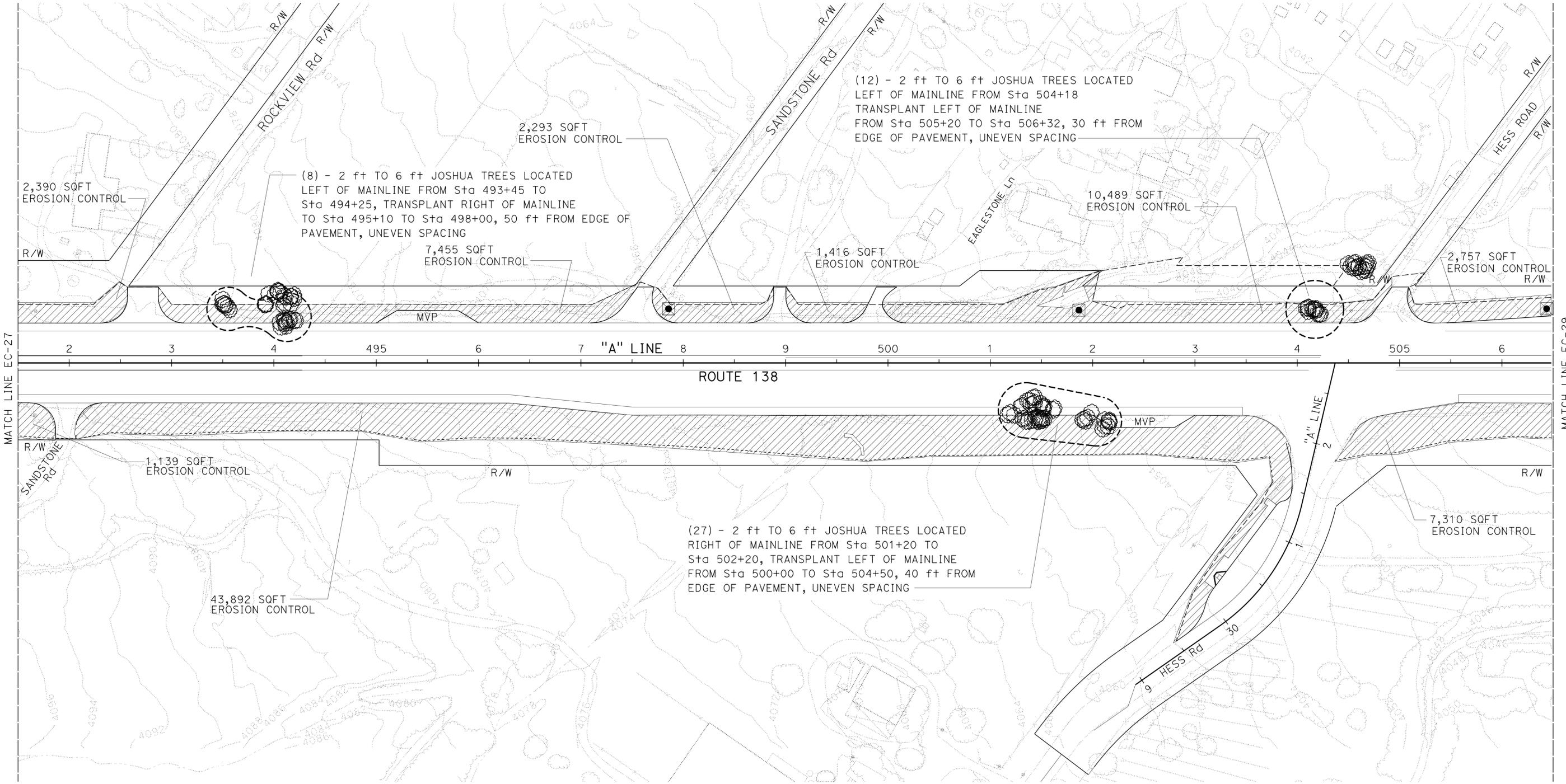


3-3-14
PLANS APPROVAL DATE

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



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans LANDSCAPE ARCHITECTURE
 SENIOR LANDSCAPE ARCHITECT
 R. DESSELLE
 CHECKED BY
 JOHN STANTON
 RAY I. DESSELLE
 REVISIONS BY
 DATE REVISIONS



APPROVED FOR EROSION CONTROL AND PLANTING WORK ONLY

EROSION CONTROL AND PLANTING PLAN
SCALE: 1" = 50'
EC-28

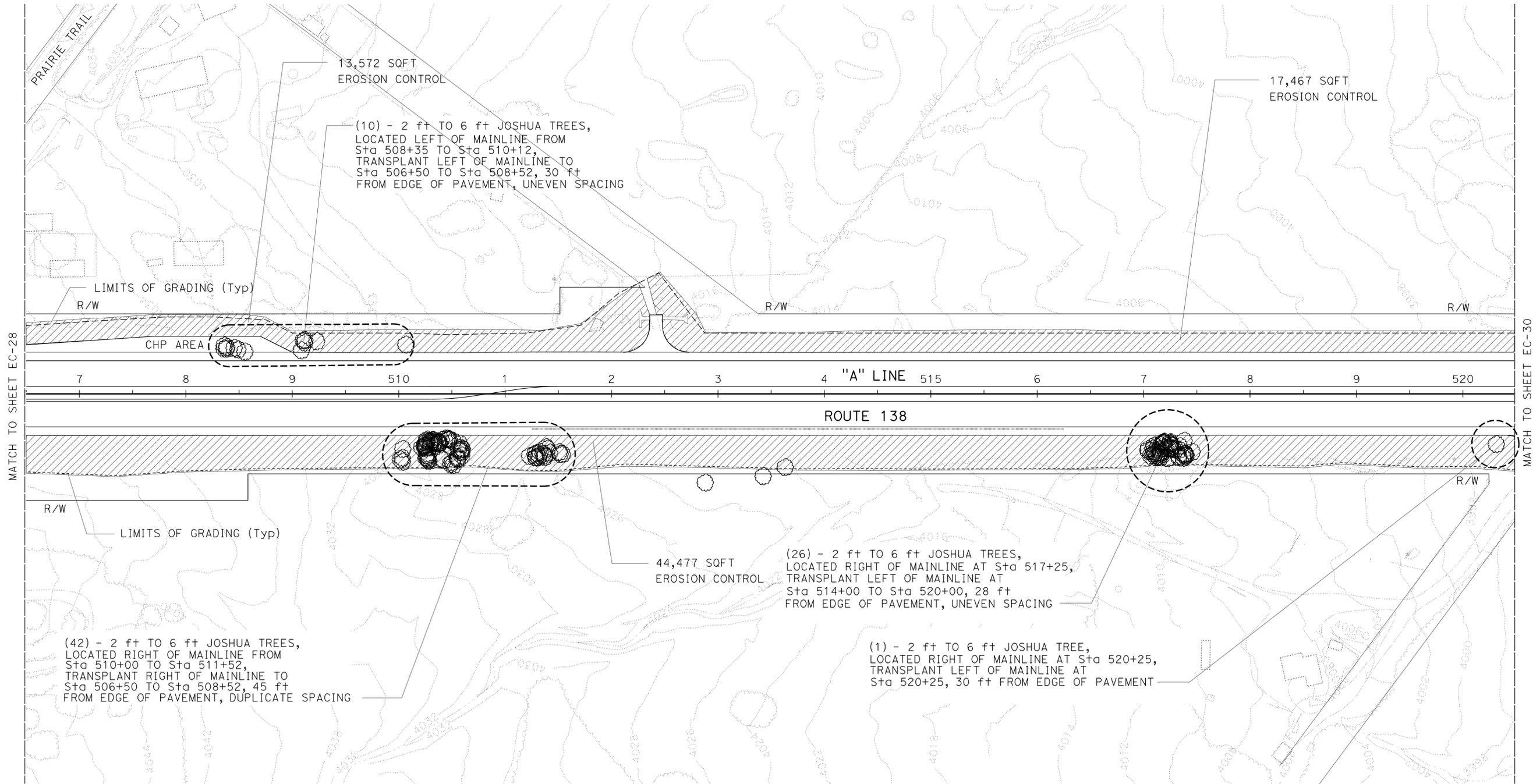
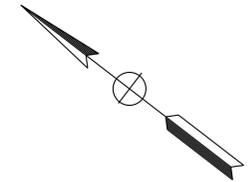
LAST REVISION: 09-05-13 DATE PLOTTED => 01-MAY-2014 TIME PLOTTED => 11:28

NOTE:

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
08	SBd	2,138	6.2/6.4, 2.3/R15.2	824	1168

John J. Stanton
 LICENSED LANDSCAPE ARCHITECT
 3-3-14
 PLANS APPROVAL DATE
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans LANDSCAPE ARCHITECTURE
 SENIOR LANDSCAPE ARCHITECT
 R. DESSELLE
 CHECKED BY
 JOHN STANTON
 RAY I. DESSELLE
 REVISIONS BY
 DATE REVISIONED

APPROVED FOR EROSION CONTROL AND PLANTING WORK ONLY

EROSION CONTROL AND PLANTING PLAN

SCALE: 1" = 50'

EC-29

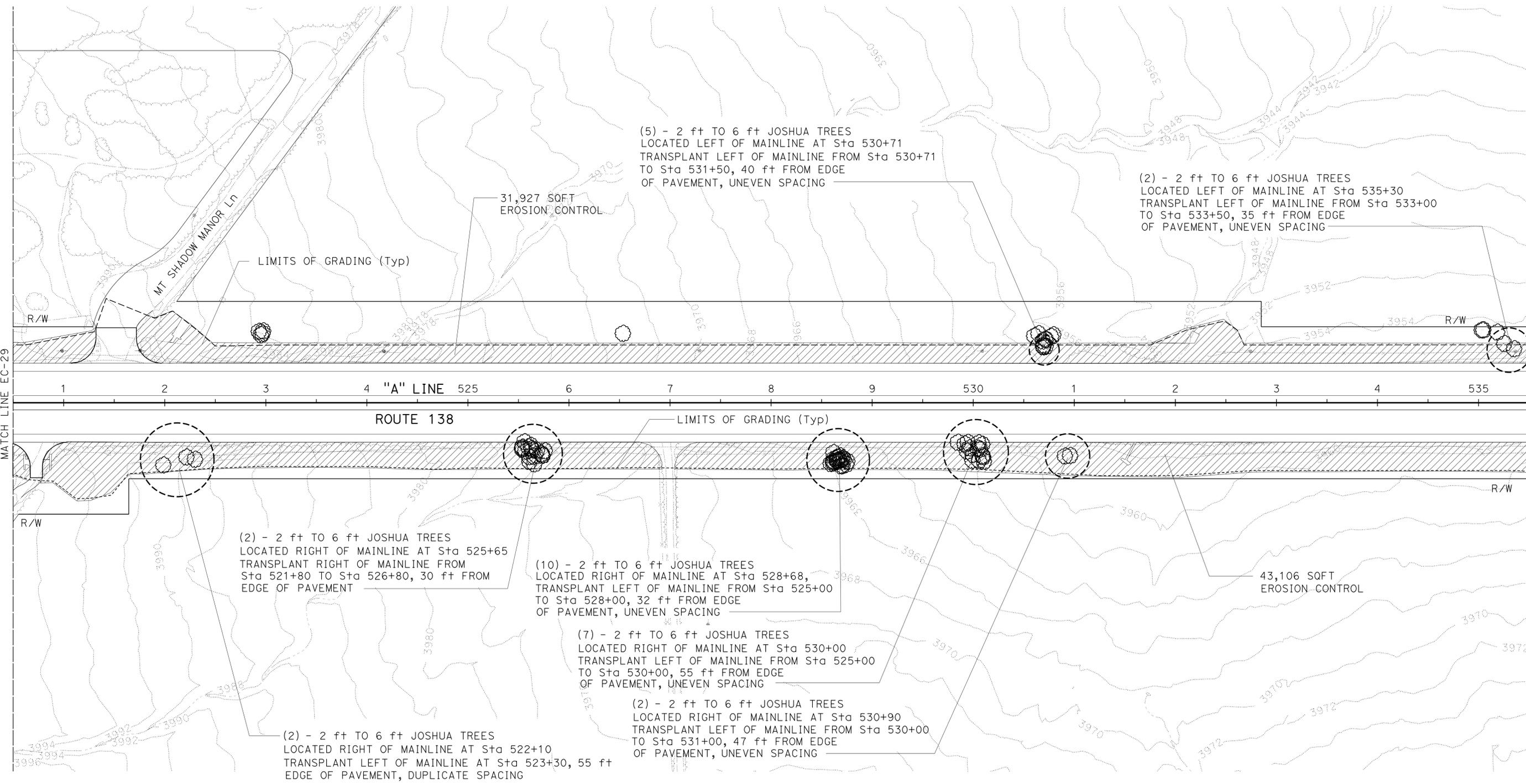
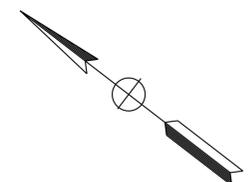
NOTE:
FOR ACCURATE RIGHT OF WAY DATA, CONTACT
RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	SBd	2,138	6.2/6.4, 2.3/R15.2	825	1168

John A. Stanton
LICENSED LANDSCAPE ARCHITECT

3-3-14
PLANS APPROVAL DATE

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



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
LANDSCAPE ARCHITECTURE

SENIOR LANDSCAPE ARCHITECT
R. DESSELLE

CALCULATED/DESIGNED BY
JOHN STANTON

CHECKED BY
RAY I. DESSELLE

REVISED BY
DATE REVISION

APPROVED FOR EROSION CONTROL AND PLANTING WORK ONLY

**EROSION CONTROL
AND PLANTING PLAN**

SCALE: 1" = 50' **EC-30**

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans LANDSCAPE ARCHITECTURE

SENIOR LANDSCAPE ARCHITECT
R. DESSELLE

CHECKED BY
RAY I. DESSELLE

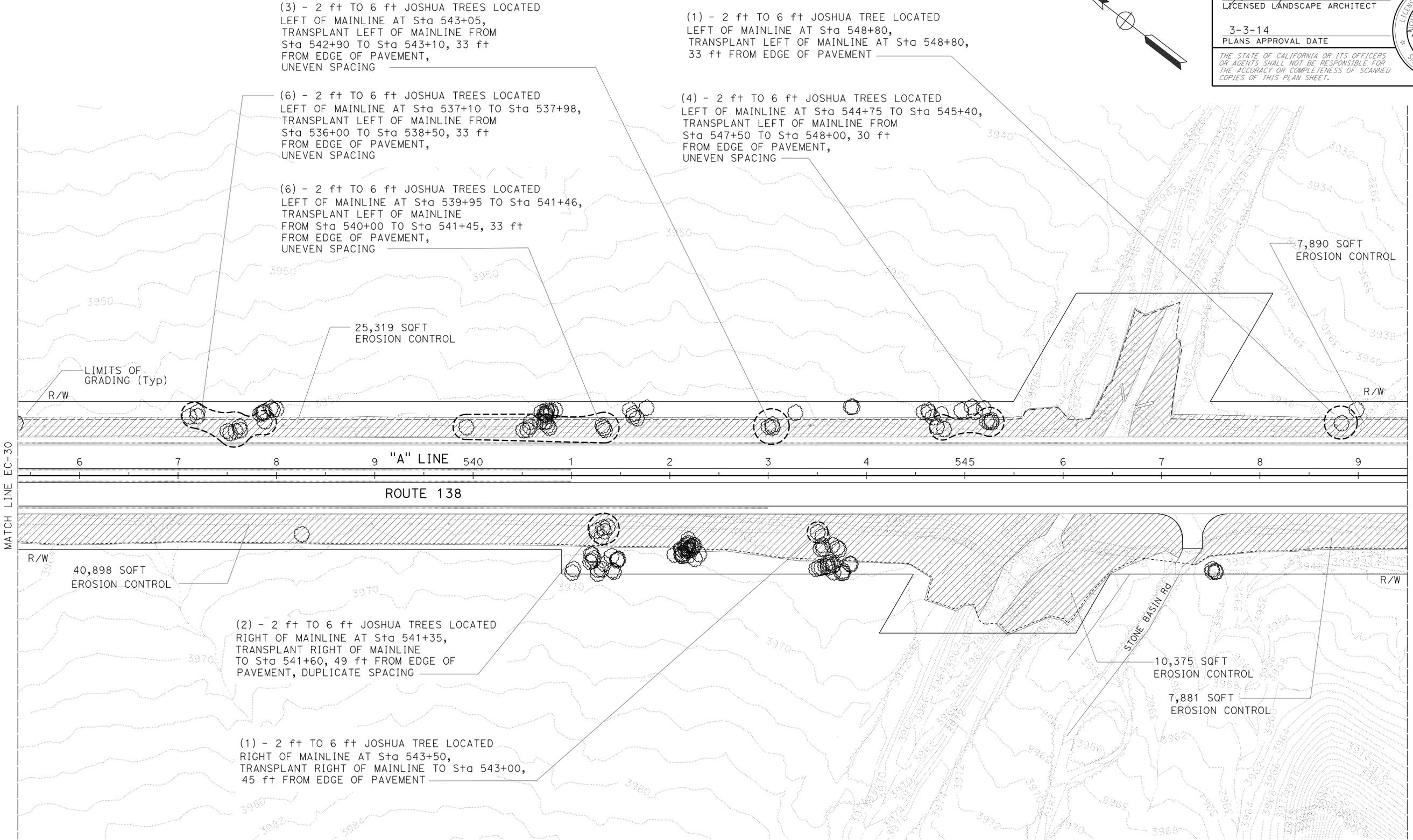
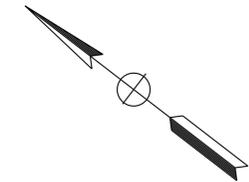
DESIGNED BY
JOHN STANTON

DATE REVISION
3-31-14

NOTE:
 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
08	SBd	2,138	6.2/6.4, 2.3/R15.2	826	1168

John J. Stanton
 LICENSED LANDSCAPE ARCHITECT
 3-3-14
 PLANS APPROVAL DATE
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



APPROVED FOR EROSION CONTROL AND PLANTING WORK ONLY

EROSION CONTROL AND PLANTING PLAN
 EC-31
 SCALE: 1" = 50'

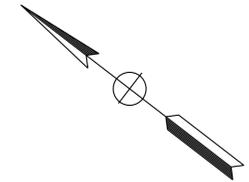
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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
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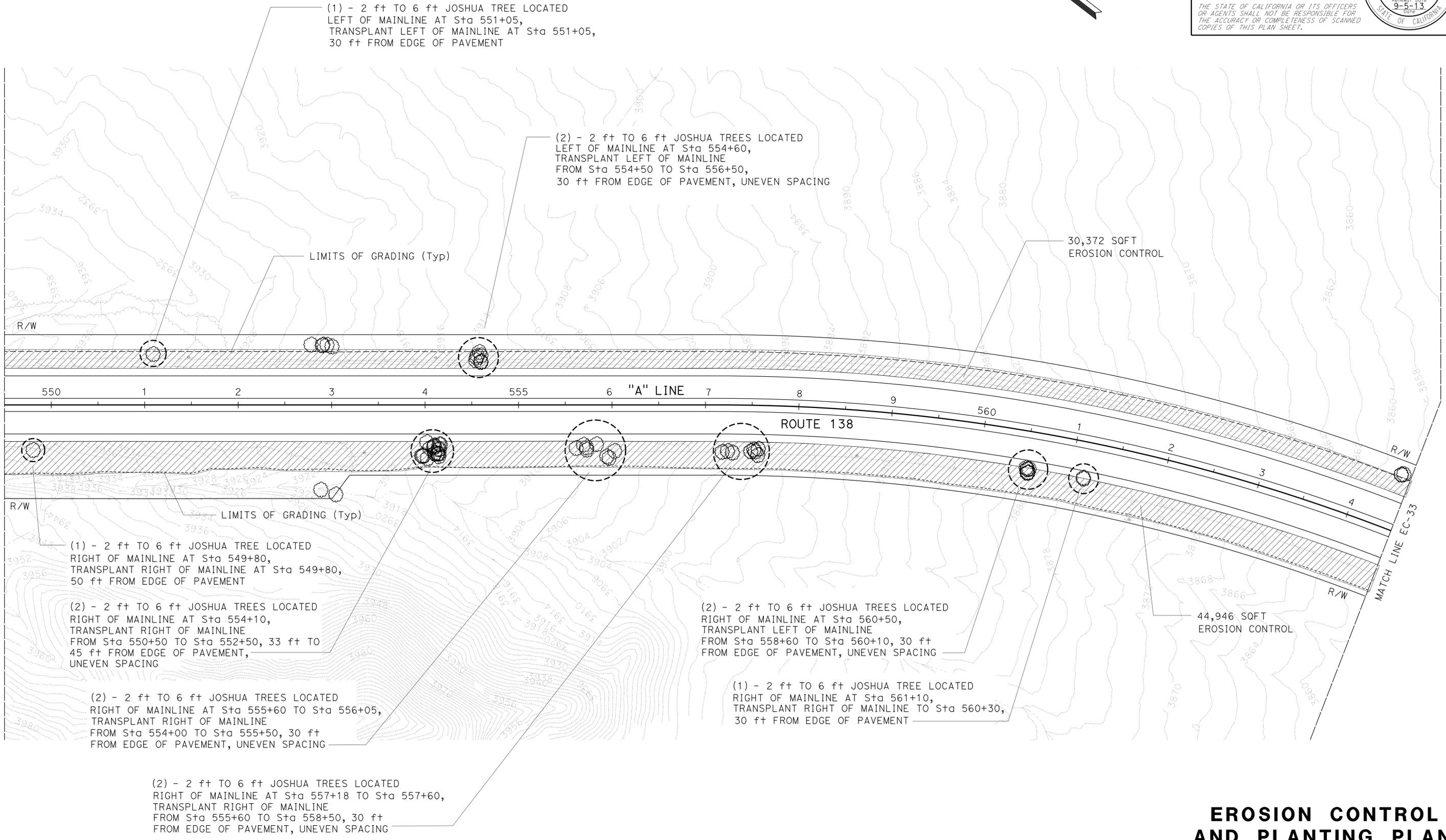
John A. Stanton
LICENSED LANDSCAPE ARCHITECT

3-3-14
PLANS APPROVAL DATE

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



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



APPROVED FOR EROSION CONTROL AND PLANTING WORK ONLY

EROSION CONTROL AND PLANTING PLAN
EC-32

SCALE: 1" = 50'

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans LANDSCAPE ARCHITECTURE

SENIOR LANDSCAPE ARCHITECT
R. DESSELLE

JOHN STANTON
RAY I. DESSELLE

REVISOR BY DATE
DATE REVISOR BY DATE

USERNAME => s121614
DGN FILE => 0800000609te032.dgn



UNIT 2271

PROJECT NUMBER & PHASE 08000006091

BORDER LAST REVISED 7/2/2010

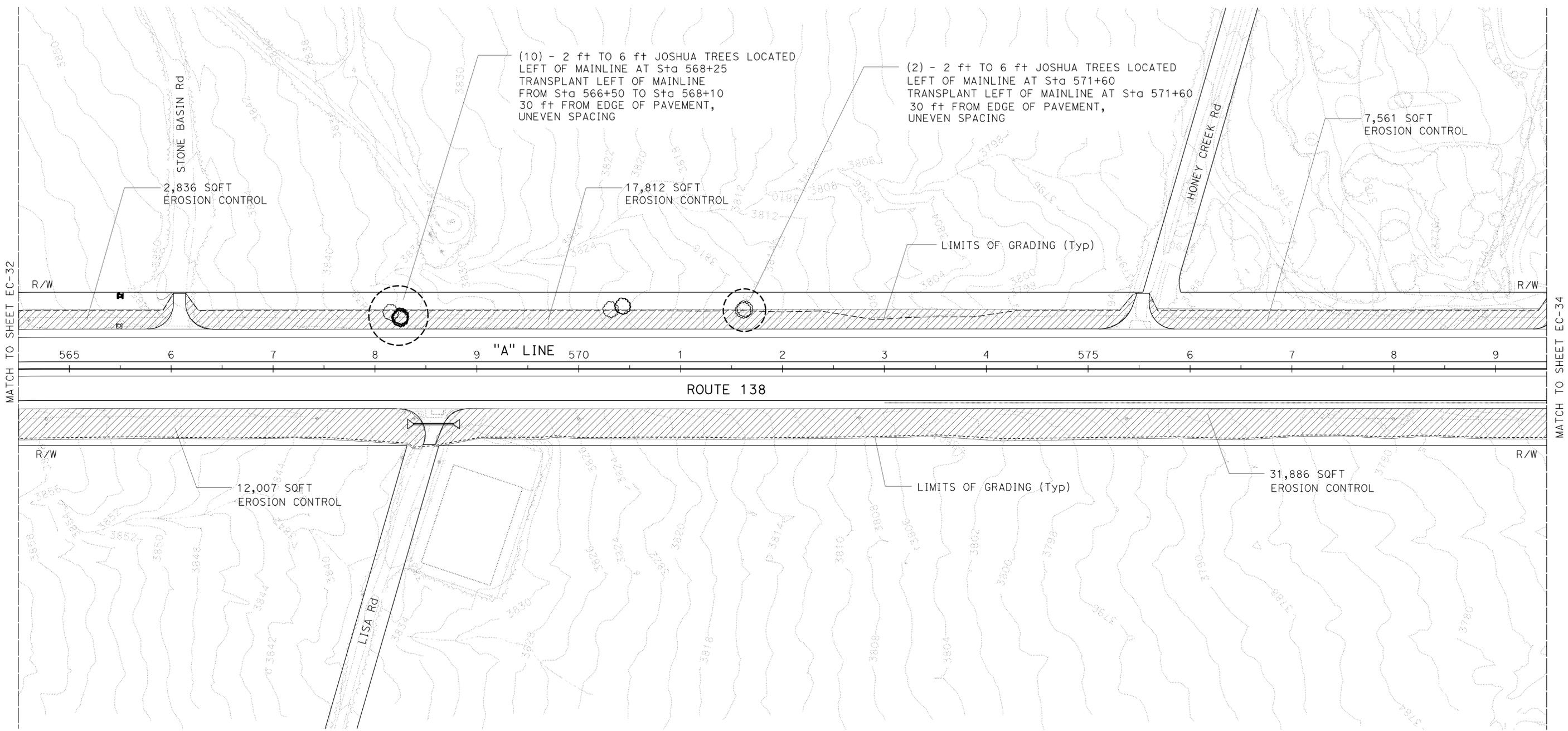
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09-05-13 TIME PLOTTED => 11:28

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans LANDSCAPE ARCHITECTURE
 SENIOR LANDSCAPE ARCHITECT
 R. DESSELLE
 CHECKED BY
 RAY I. DESSELLE
 JOHN STANTON
 REVISED BY
 DATE REVISION

NOTE:
 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
08	SBd	2,138	6.2/6.4, 2.3/R15.2	828	1168

John A. Stanton
 LICENSED LANDSCAPE ARCHITECT
 3-3-14
 PLANS APPROVAL DATE
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



APPROVED FOR EROSION CONTROL AND PLANTING WORK ONLY

EROSION CONTROL AND PLANTING PLAN
 SCALE: 1" = 50'
EC-33

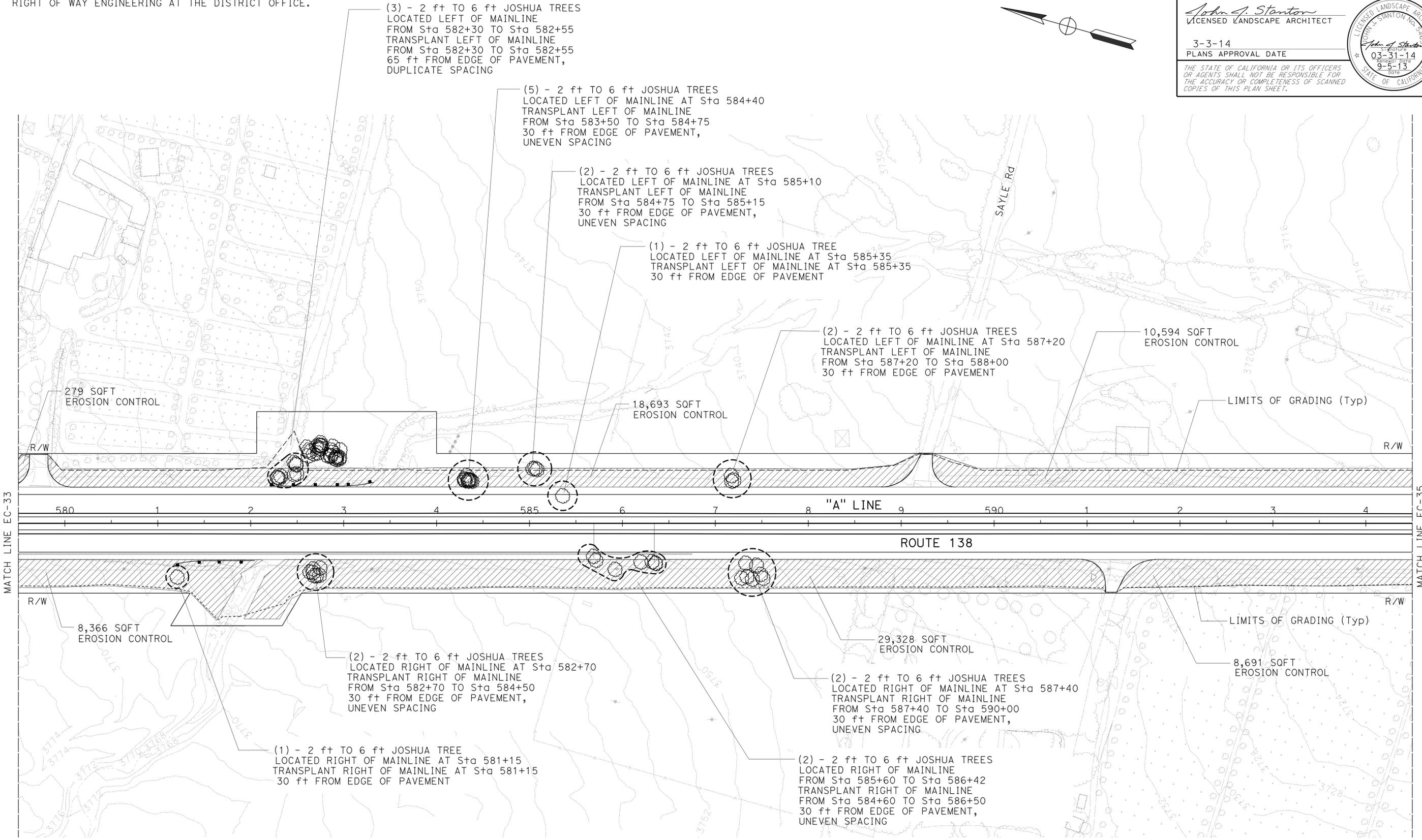
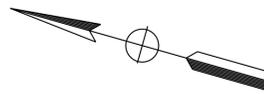
LAST REVISION DATE PLOTTED => 01-MAY-2014 09-05-13 TIME PLOTTED => 11:28

NOTE:

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
08	SBd	2,138	6.2/6.4, 2.3/R15.2	829	1168

<i>John A. Stanton</i> LICENSED LANDSCAPE ARCHITECT	
3-3-14	PLANS APPROVAL DATE
<small>THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.</small>	



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans LANDSCAPE ARCHITECTURE
 SENIOR LANDSCAPE ARCHITECT
R. DESSELLE
 CALCULATED/DESIGNED BY
R. DESSELLE
 CHECKED BY
RAY I. DESSELLE
 JOHN STANTON
 REVISED BY
RAY I. DESSELLE
 DATE REVISION

APPROVED FOR EROSION CONTROL AND PLANTING WORK ONLY

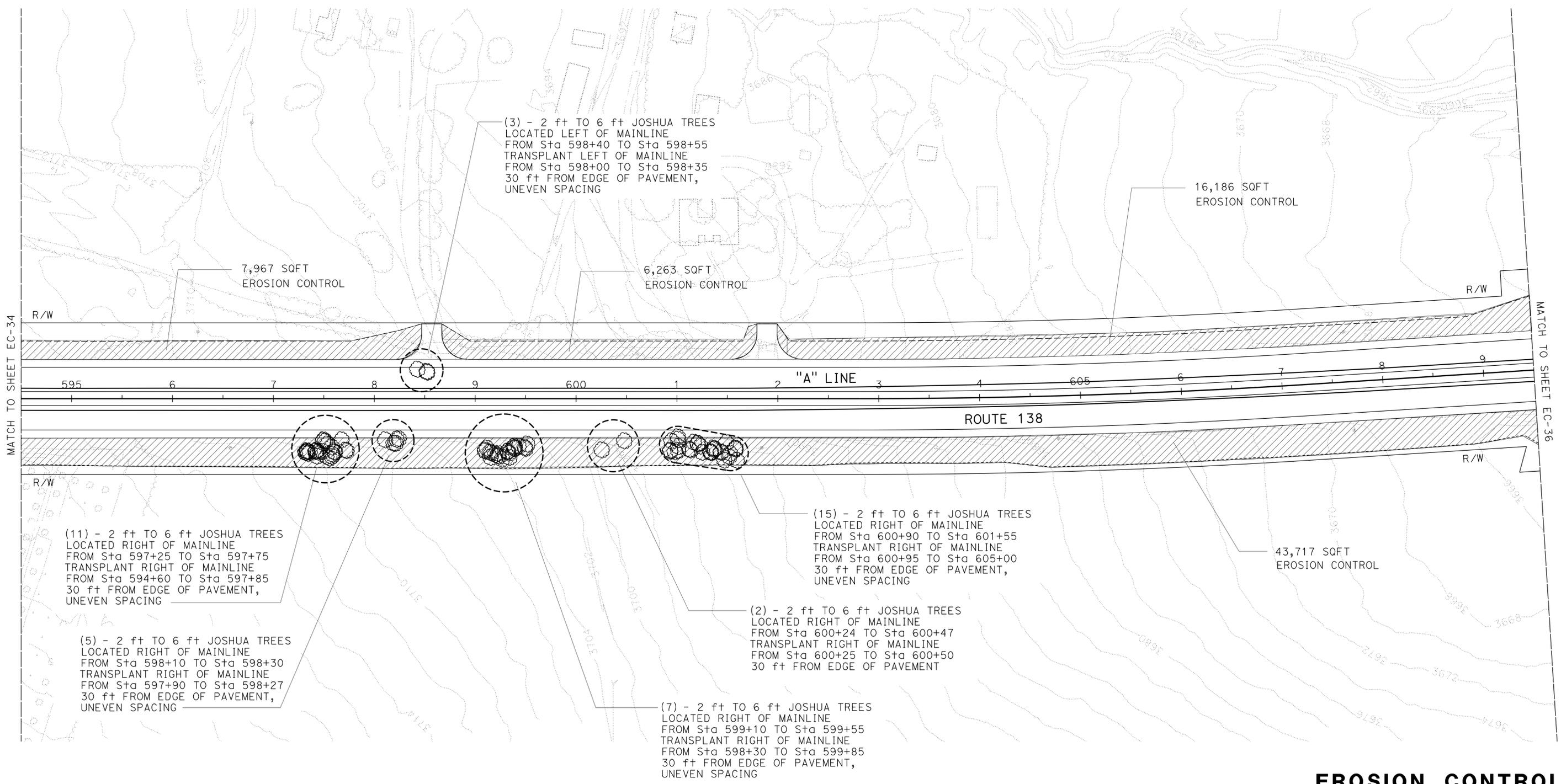
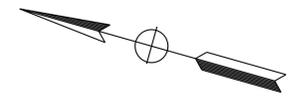
EROSION CONTROL AND PLANTING PLAN
SCALE: 1" = 50'
EC-34

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	SBd	2,138	6.2/6.4, 2.3/R15.2	830	1168

<i>John A. Stanton</i> LICENSED LANDSCAPE ARCHITECT	
3-3-14	PLANS APPROVAL DATE
<small>THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.</small>	



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



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans LANDSCAPE ARCHITECTURE
 SENIOR LANDSCAPE ARCHITECT
 R. DESSELLE
 JOHN STANTON
 RAY I. DESSELLE
 REVISIONS BY DATE
 CALCULATED/DESIGNED BY
 CHECKED BY

APPROVED FOR EROSION CONTROL AND PLANTING WORK ONLY

**EROSION CONTROL
AND PLANTING PLAN
EC-35**

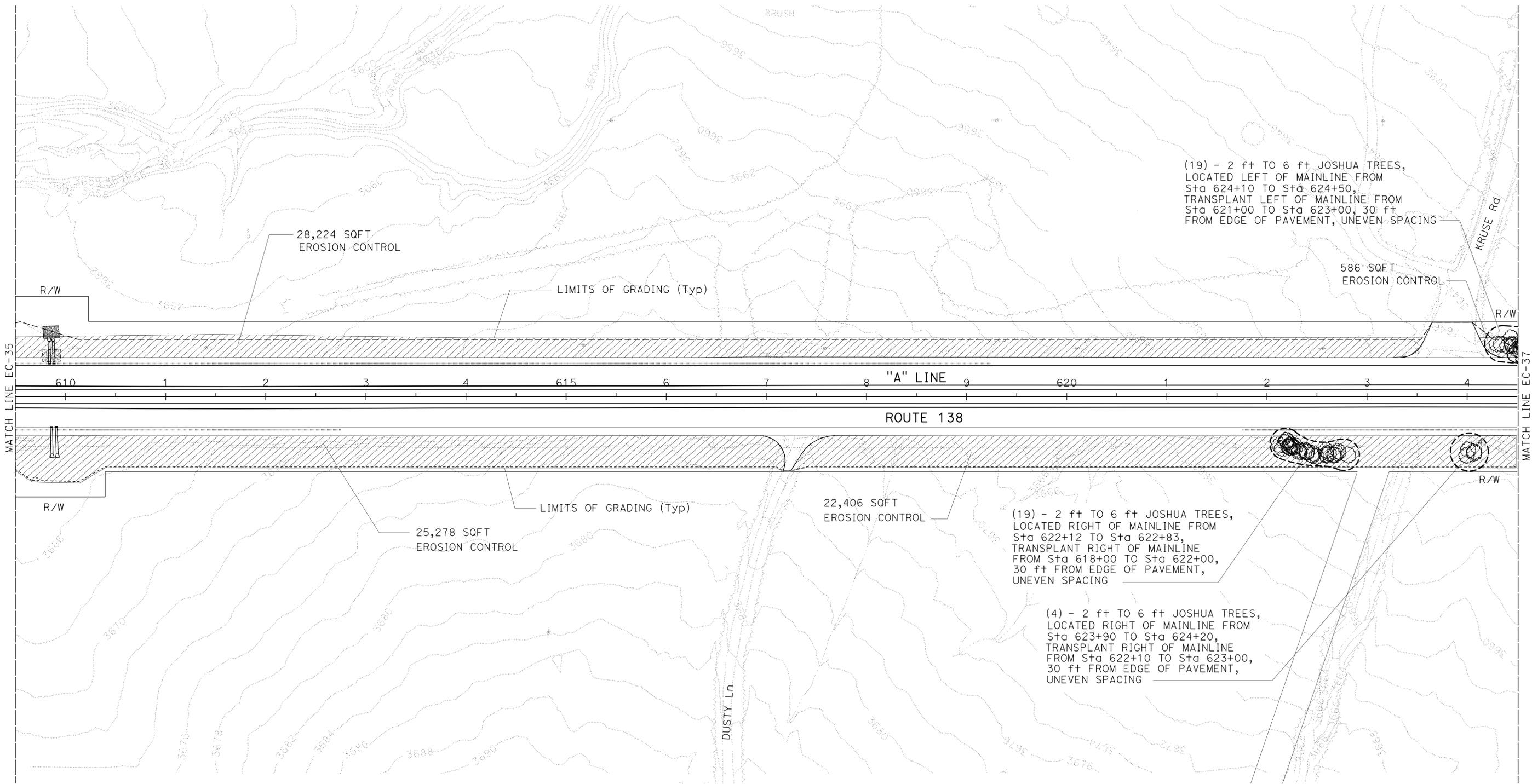
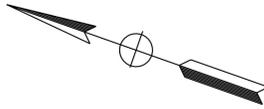
SCALE: 1" = 50'

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	SBd	2,138	6.2/6.4, 2.3/R15.2	831	1168

<i>John A. Stanton</i> LICENSED LANDSCAPE ARCHITECT	
3-3-14	PLANS APPROVAL DATE
<small>THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.</small>	



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



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans LANDSCAPE ARCHITECTURE
 SENIOR LANDSCAPE ARCHITECT
 R. DESSELLE
 CALCULATED-DESIGNED BY
 R. DESSELLE
 CHECKED BY
 RAY I. DESSELLE
 JOHN STANTON
 REVISED BY
 DATE REVISÉD

APPROVED FOR EROSION CONTROL AND PLANTING WORK ONLY

EROSION CONTROL AND PLANTING PLAN
 SCALE: 1" = 50'
EC-36

LAST REVISION: DATE PLOTTED => 01-MAY-2014
 09-05-13 TIME PLOTTED => 11:28

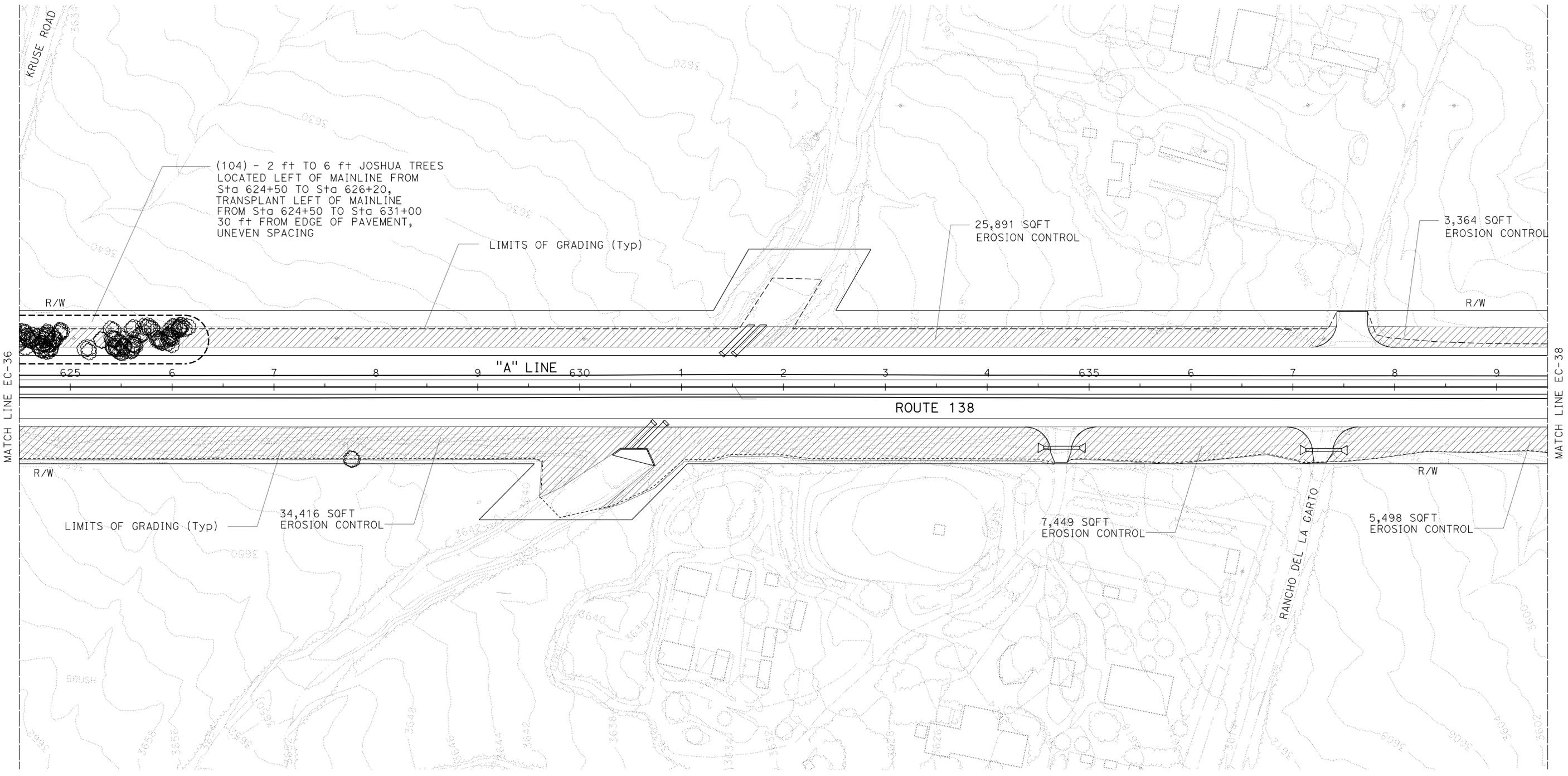
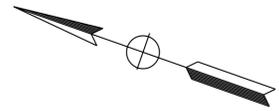
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	SBd	2,138	6.2/6.4, 2.3/R15.2	832	1168

John A. Stanton
LICENSED LANDSCAPE ARCHITECT

3-3-14
PLANS APPROVAL DATE

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NOTE:
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STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans LANDSCAPE ARCHITECTURE

SENIOR LANDSCAPE ARCHITECT
R. DESSELLE

CALCULATED/DESIGNED BY
R. DESSELLE

CHECKED BY
RAY I. DESSELLE

JOHN STANTON
RAY I. DESSELLE

REVISED BY
DATE REVISED

APPROVED FOR EROSION CONTROL WORK AND PLANTING ONLY

EROSION CONTROL AND PLANTING PLAN

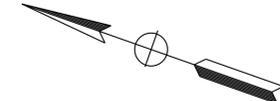
SCALE: 1" = 50' **EC-37**

LAST REVISION: DATE PLOTTED => 01-MAY-2014 09-05-13 TIME PLOTTED => 11:29

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	SBd	2,138	6.2/6.4, 2.3/R15.2	833	1168

John A. Stanton
 LICENSED LANDSCAPE ARCHITECT
 3-3-14
 PLANS APPROVAL DATE

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



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

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans LANDSCAPE ARCHITECTURE

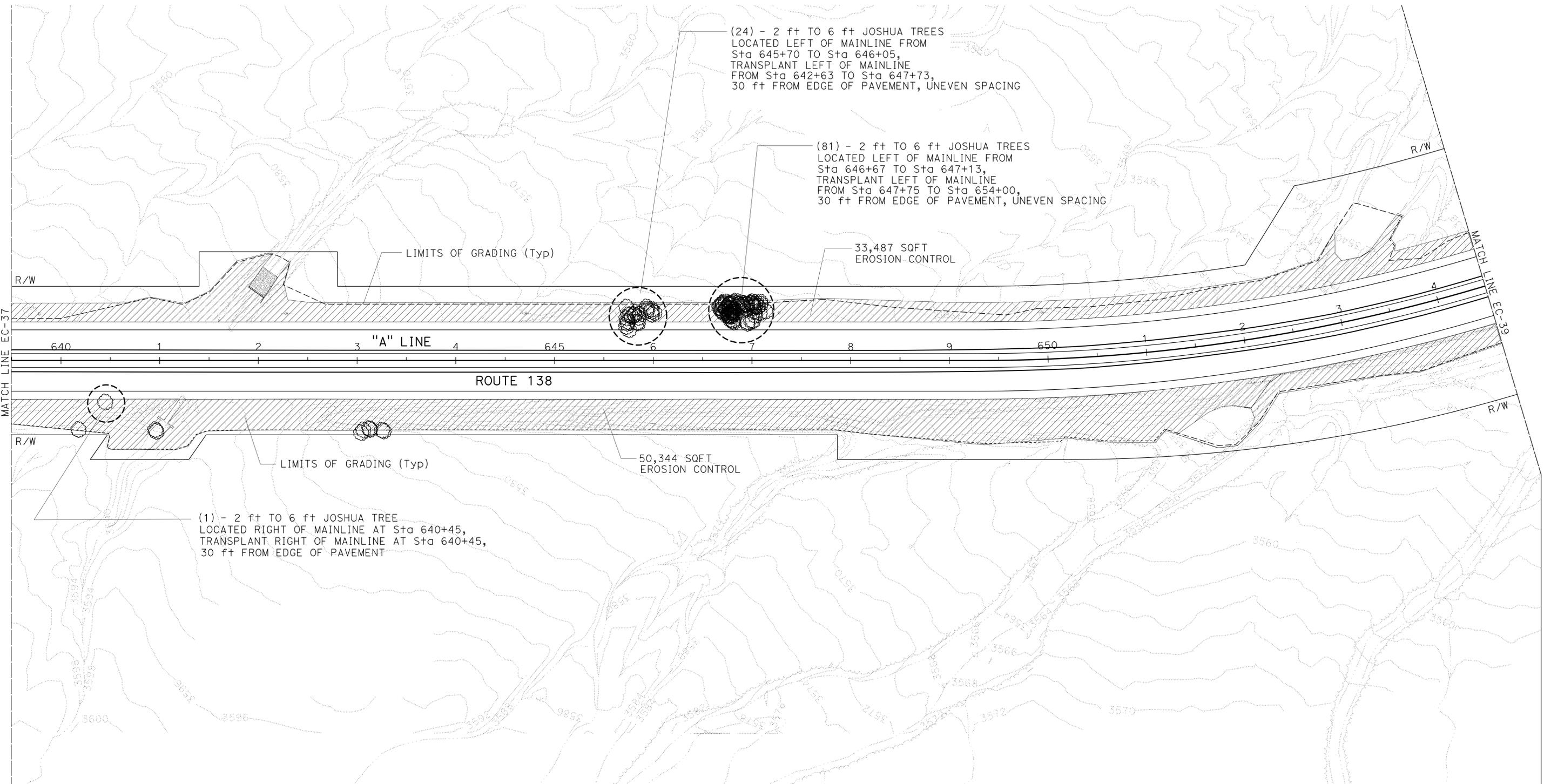
SENIOR LANDSCAPE ARCHITECT
R. DESSELLE

CALCULATED/DESIGNED BY
R. DESSELLE

CHECKED BY
RAY I. DESSELLE

JOHN STANTON
 RAY I. DESSELLE

REVISED BY
 DATE REVISED



APPROVED FOR EROSION CONTROL AND PLANTING WORK ONLY

**EROSION CONTROL
 AND PLANTING PLAN**

SCALE: 1" = 50'

EC-38

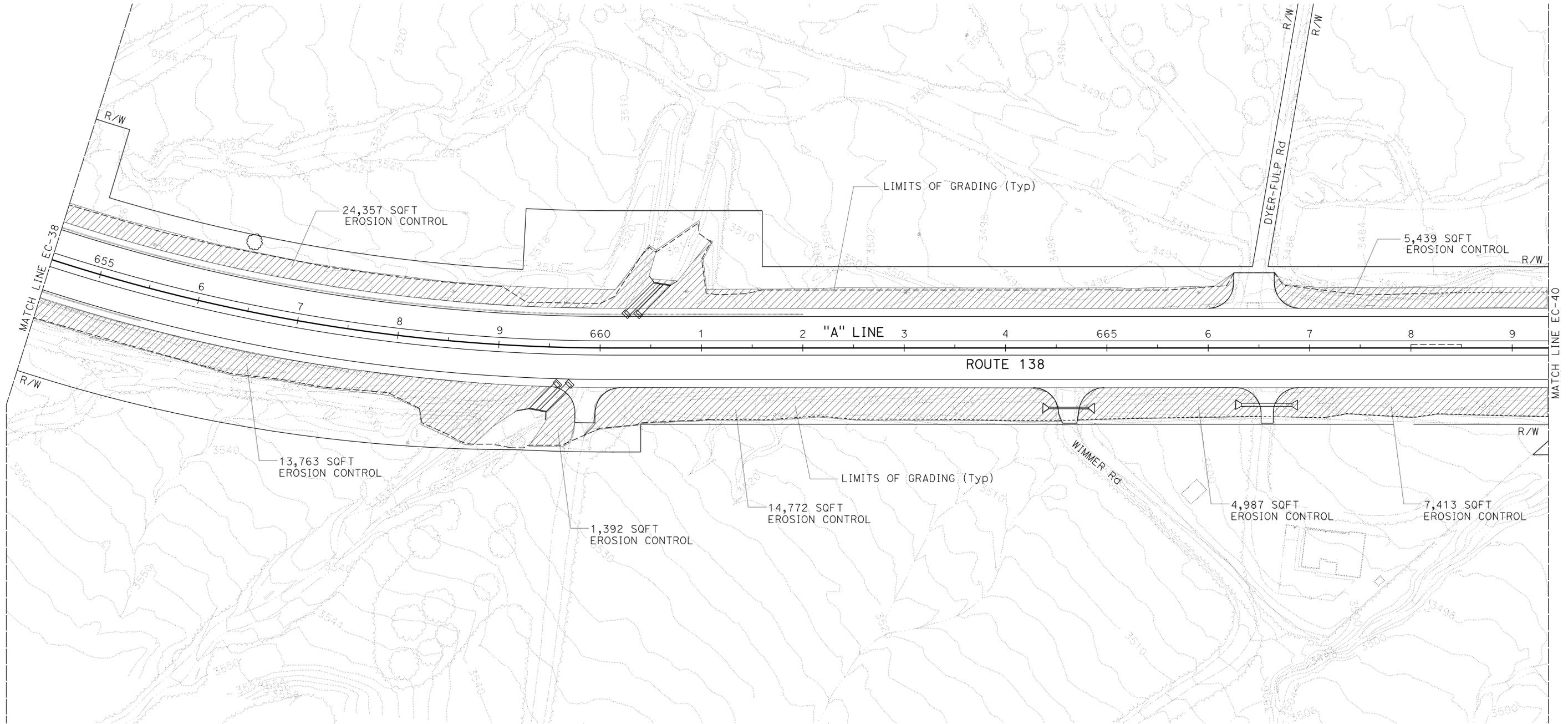
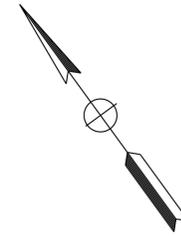
- NOTES:**
1. NO JOSHUA TREE TRANSPLANTING THIS SHEET.
 2. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	SBd	2,138	6.2/6.4, 2.3/R15.2	834	1168

John A. Stanton
LICENSED LANDSCAPE ARCHITECT

3-3-14
PLANS APPROVAL DATE

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



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans LANDSCAPE ARCHITECTURE
 R. DESSELLE
 SENIOR LANDSCAPE ARCHITECT
 CHECKED BY
 JOHN STANTON
 REVISED BY
 RAY I. DESSELLE
 DATE REVISED

APPROVED FOR EROSION CONTROL AND PLANTING WORK ONLY

EROSION CONTROL AND PLANTING PLAN
 SCALE: 1" = 50'
EC-39

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans LANDSCAPE ARCHITECTURE

SENIOR LANDSCAPE ARCHITECT
R. DESSELLE

CHECKED BY
R. DESSELLE

DESIGNED BY
R. DESSELLE

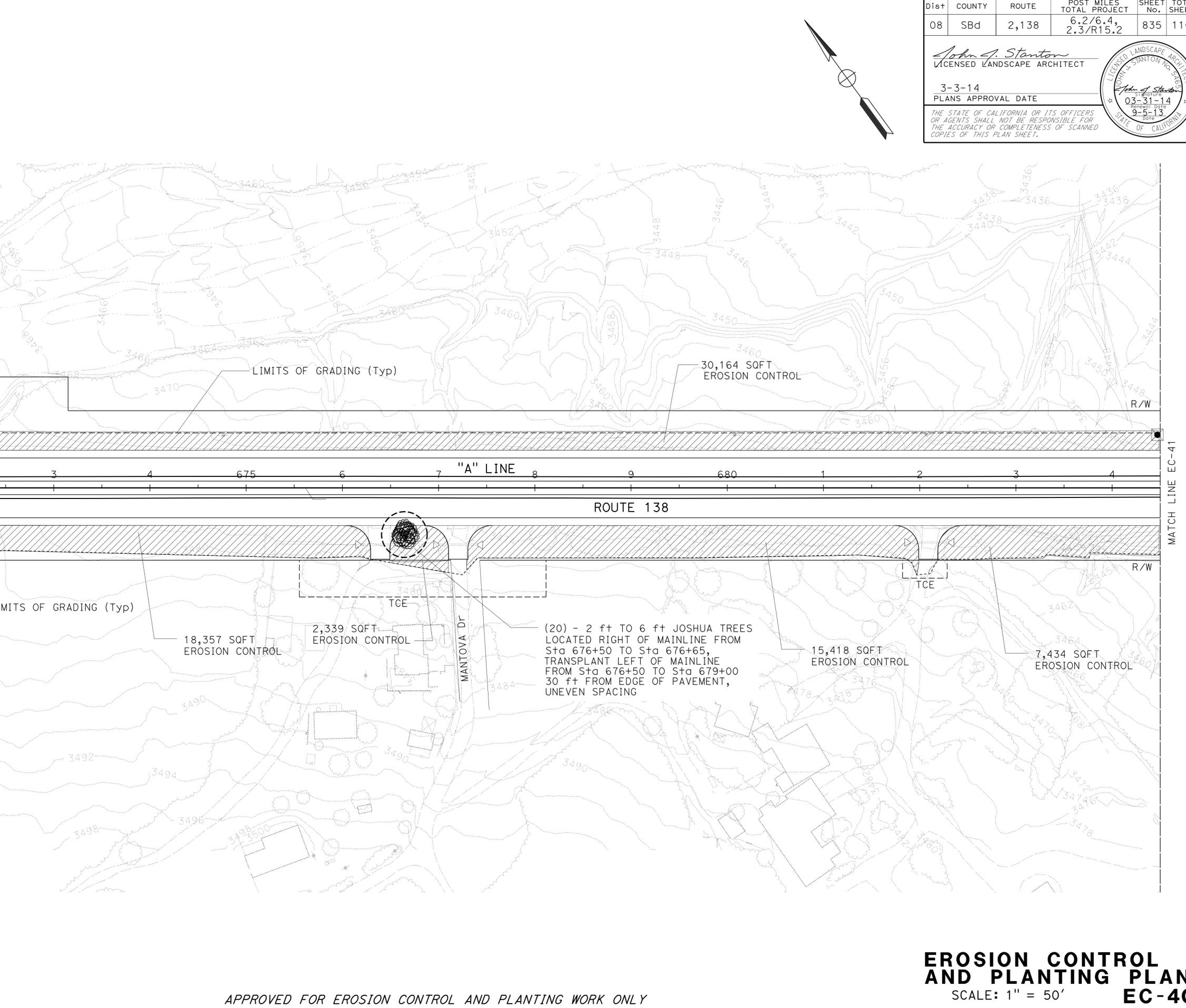
REVISIONS

NO.	DATE	BY	REVISION

JOHN STANTON
 RAY I. DESSELLE

REVISIONS

NO.	DATE	BY	REVISION



APPROVED FOR EROSION CONTROL AND PLANTING WORK ONLY

**EROSION CONTROL
 AND PLANTING PLAN
 EC-40**

SCALE: 1" = 50'

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans LANDSCAPE ARCHITECTURE

SENIOR LANDSCAPE ARCHITECT
R. DESSELLE

CALCULATED/DESIGNED BY
R. DESSELLE

JOHN STANTON
 RAY I. DESSELLE

REVISED BY
 DATE REVISED

NOTES:

1. NO JOSHUA TREE TRANSPLANTING THIS SHEET.
2. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

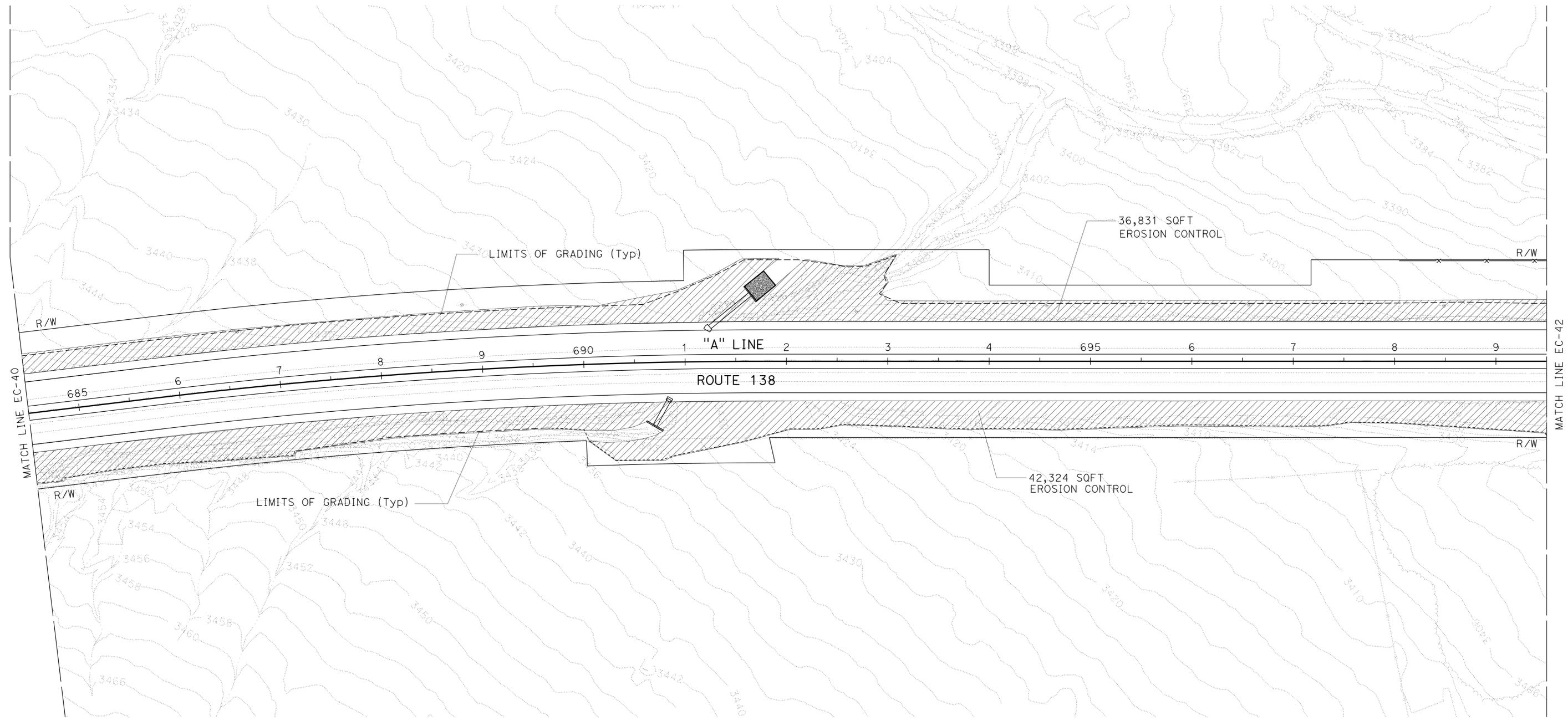
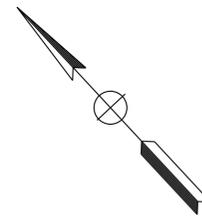
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	SBd	2,138	6.2/6.4, 2.3/R15.2	836	1168

John J. Stanton
 LICENSED LANDSCAPE ARCHITECT

3-3-14
 PLANS APPROVAL DATE

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

John J. Stanton
 LICENSED LANDSCAPE ARCHITECT
 PROJECT NO. 08000006091
 SIGNATURE DATE 03-31-14
 PROJECT DATE 9-5-13
 STATE OF CALIFORNIA



EROSION CONTROL AND PLANTING PLAN

APPROVED FOR EROSION CONTROL AND PLANTING WORK ONLY

SCALE: 1" = 50'

EC-41

NOTES:

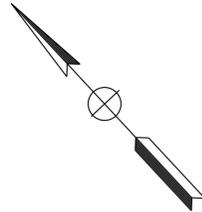
1. NO JOSHUA TREE TRANSPLANTING THIS SHEET.
2. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	SBd	2,138	6.2/6.4, 2.3/R15.2	837	1168

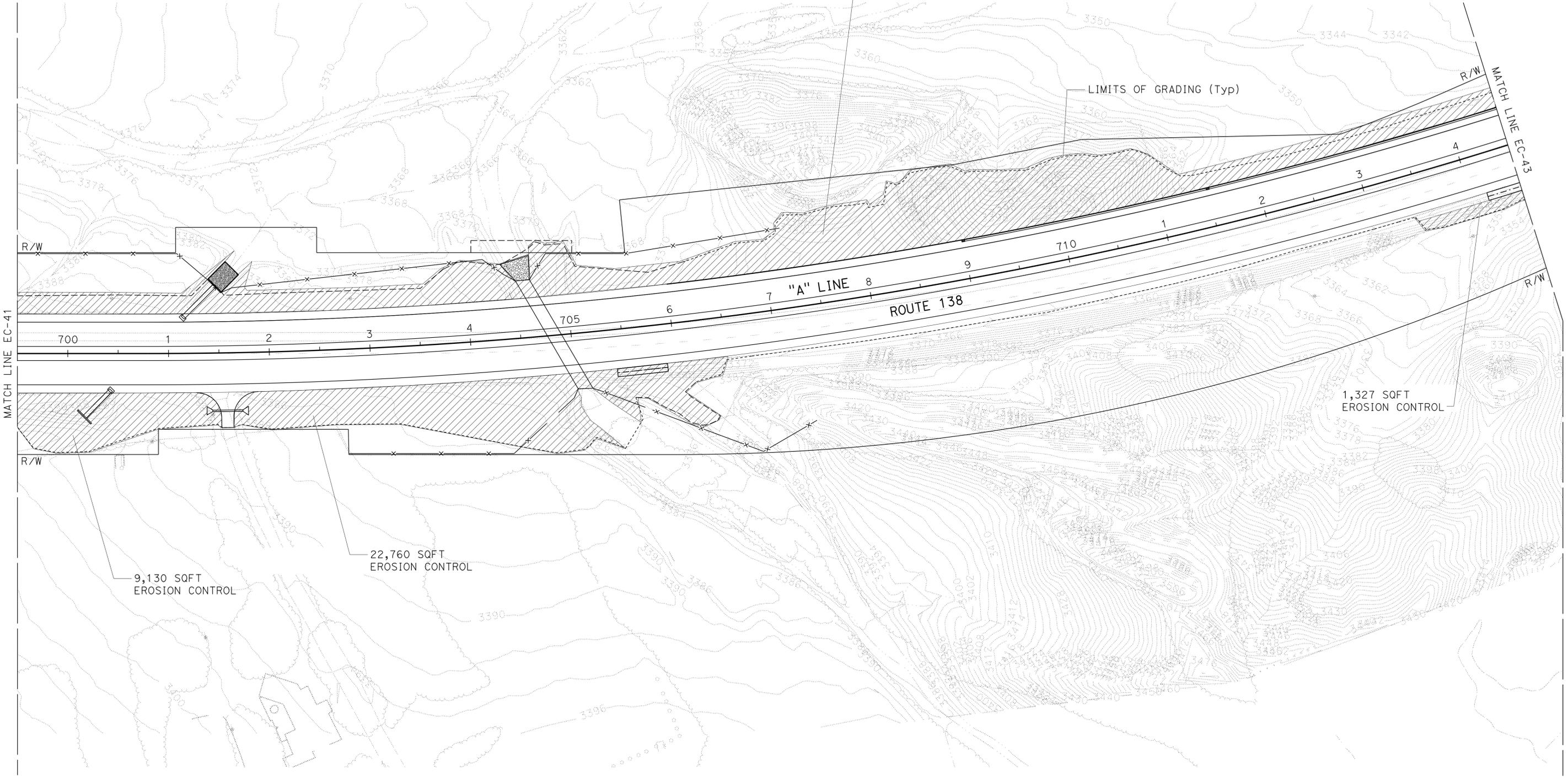
John J. Stanton
LICENSED LANDSCAPE ARCHITECT

3-3-14
PLANS APPROVAL DATE

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



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans LANDSCAPE ARCHITECTURE
 SENIOR LANDSCAPE ARCHITECT
 R. DESSELLE
 CHECKED BY
 RAY I. DESSELLE
 JOHN STANTON
 REVISED BY
 DATE REVISION



EROSION CONTROL AND PLANTING PLAN
 SCALE: 1" = 50'

EC-42

APPROVED FOR EROSION CONTROL AND PLANTING WORK ONLY

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	SBd	2,138	6.2/6.4, 2.3/R15.2	838	1168

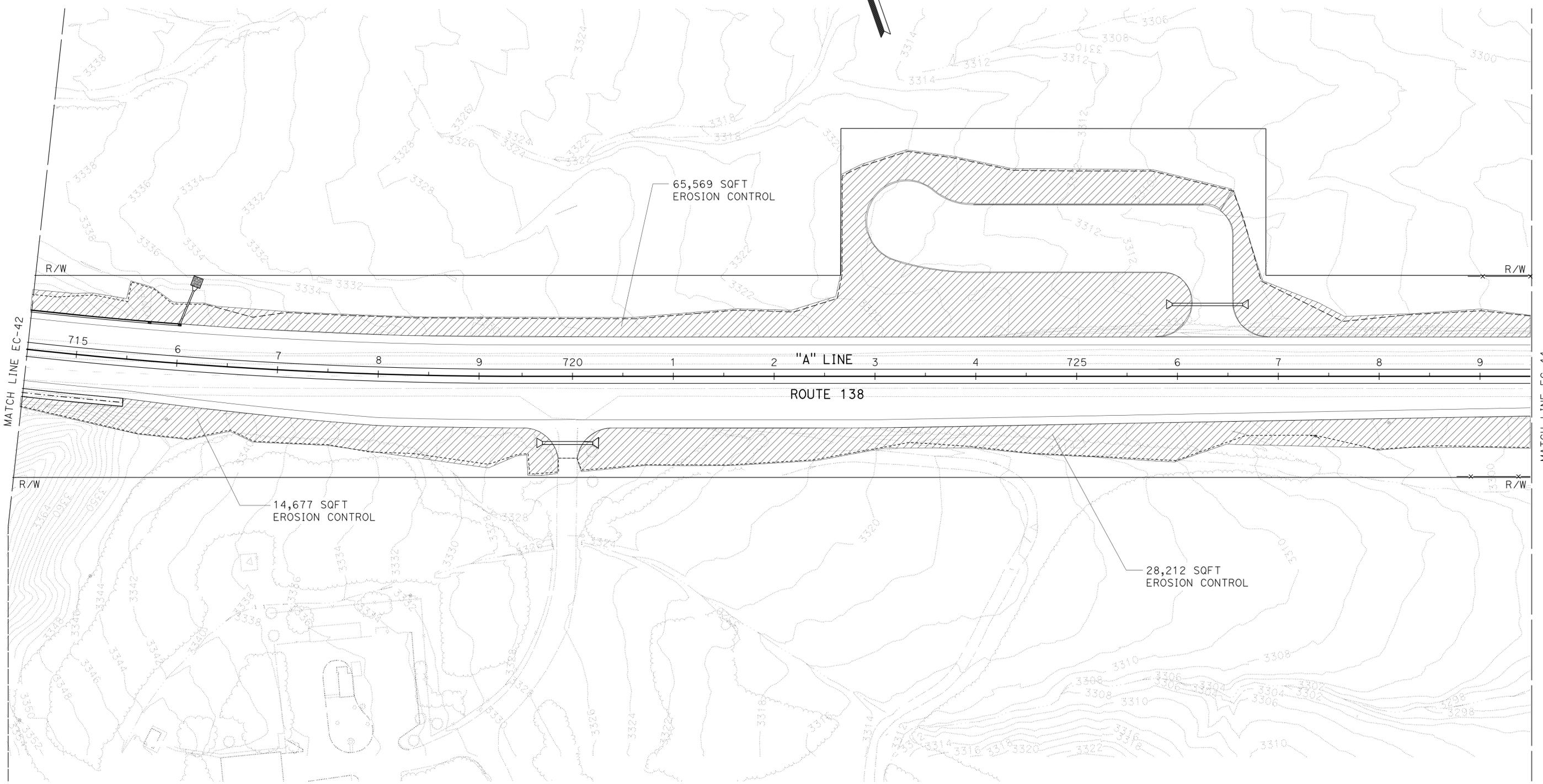
John A. Stanton
LICENSED LANDSCAPE ARCHITECT

3-3-14
PLANS APPROVAL DATE

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

NOTES:

1. NO JOSHUA TREE TRANSPLANTING THIS SHEET.
2. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans LANDSCAPE ARCHITECTURE
 SENIOR LANDSCAPE ARCHITECT
R. DESSELLE
 CALCULATED/DESIGNED BY
R. DESSELLE
 CHECKED BY
RAY I. DESSELLE
 JOHN STANTON
 REVISED BY
RAY I. DESSELLE
 DATE REVISED

APPROVED FOR EROSION CONTROL AND PLANTING WORK ONLY

EROSION CONTROL AND PLANTING PLAN

SCALE: 1" = 50'

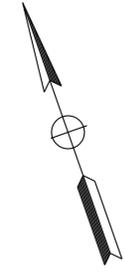
EC-43

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
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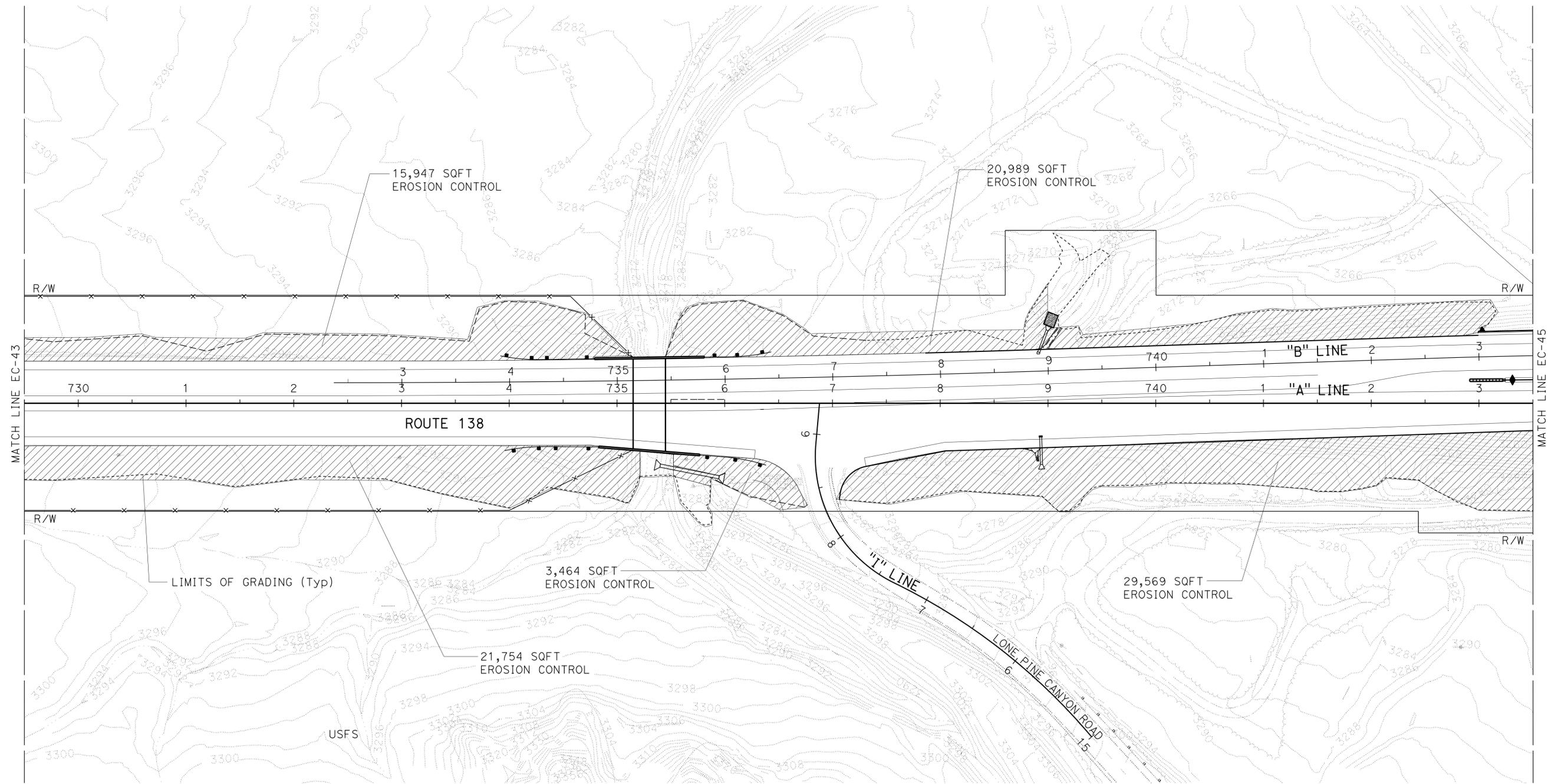
John A. Stanton
 LICENSED LANDSCAPE ARCHITECT
 3-3-14
 PLANS APPROVAL DATE
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

NOTES:

1. NO JOSHUA TREE TRANSPLANTING THIS SHEET.
2. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



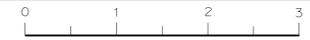
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	REVISOR	DATE
Caltrans LANDSCAPE ARCHITECTURE	JOHN STANTON	
	RAY I. DESSELLE	
	CHECKED BY	
	DESIGNED BY	
	SENIOR LANDSCAPE ARCHITECT	
	R. DESSELLE	



EROSION CONTROL AND PLANTING PLAN
 SCALE: 1" = 50'

APPROVED FOR EROSION CONTROL AND PLANTING WORK ONLY

EC-44



DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	SBd	2,138	6.2/6.4, 2.3/R15.2	840	1168

John J. Stanton
LICENSED LANDSCAPE ARCHITECT

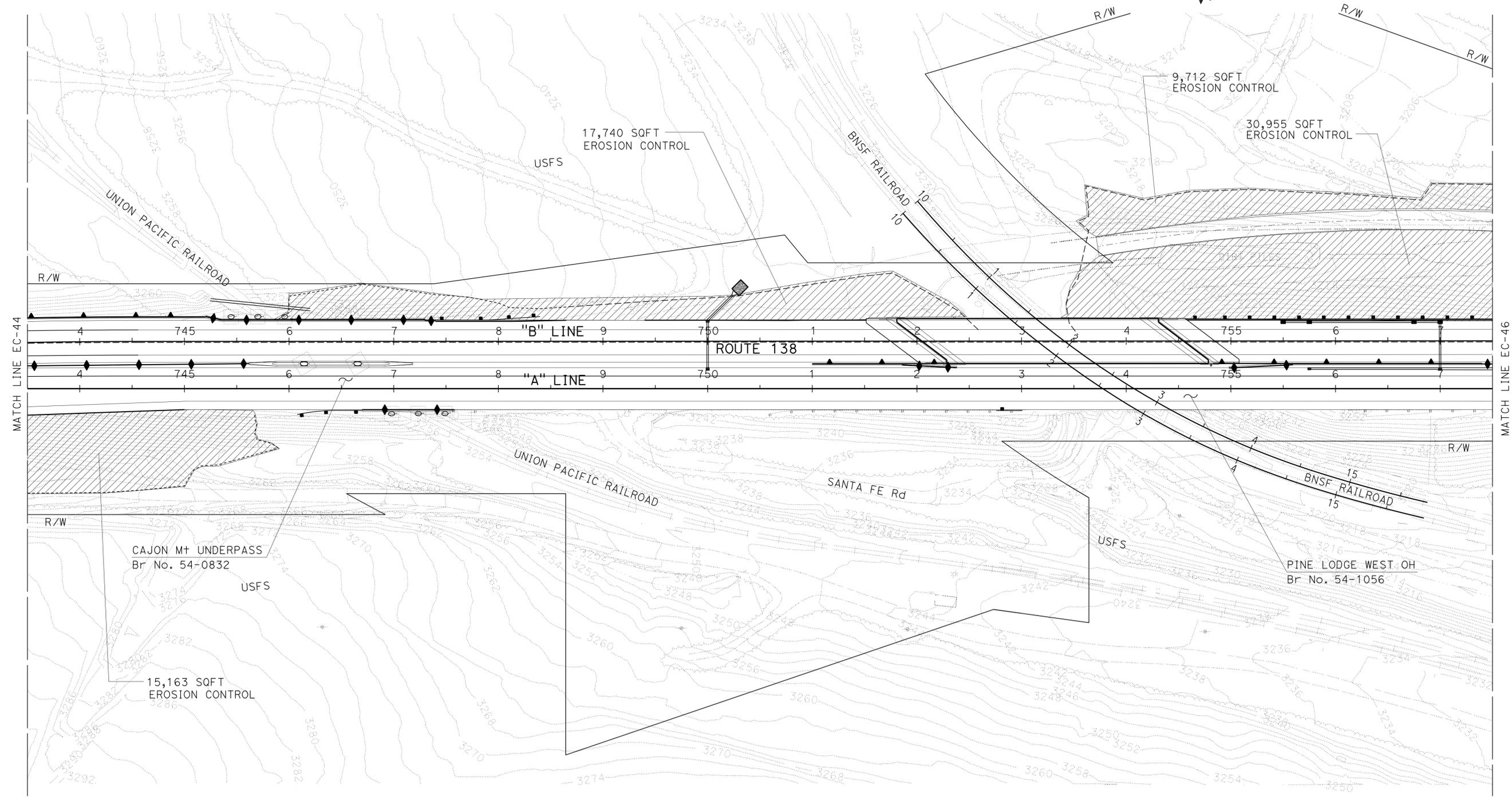
3-3-14
PLANS APPROVAL DATE

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

- NOTES:**
1. NO JOSHUA TREE TRANSPLANTING THIS SHEET.
 2. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	SENIOR LANDSCAPE ARCHITECT	CALCULATED/DESIGNED BY	JOHN STANTON	REVISED BY	
Caltrans LANDSCAPE ARCHITECTURE	R. DESSELLE	CHECKED BY	RAY I. DESSELLE	DATE	REVISED



EROSION CONTROL AND PLANTING PLAN
SCALE: 1" = 50'

APPROVED FOR EROSION CONTROL AND PLANTING WORK ONLY

EC-45

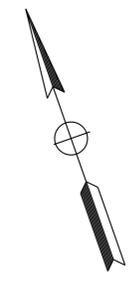
LAST REVISION DATE PLOTTED => 01-MAY-2014 09-05-13 TIME PLOTTED => 11:29

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	SBd	2,138	6.2/6.4, 2.3/R15.2	841	1168

John A. Stanton
LICENSED LANDSCAPE ARCHITECT

3-3-14
PLANS APPROVAL DATE

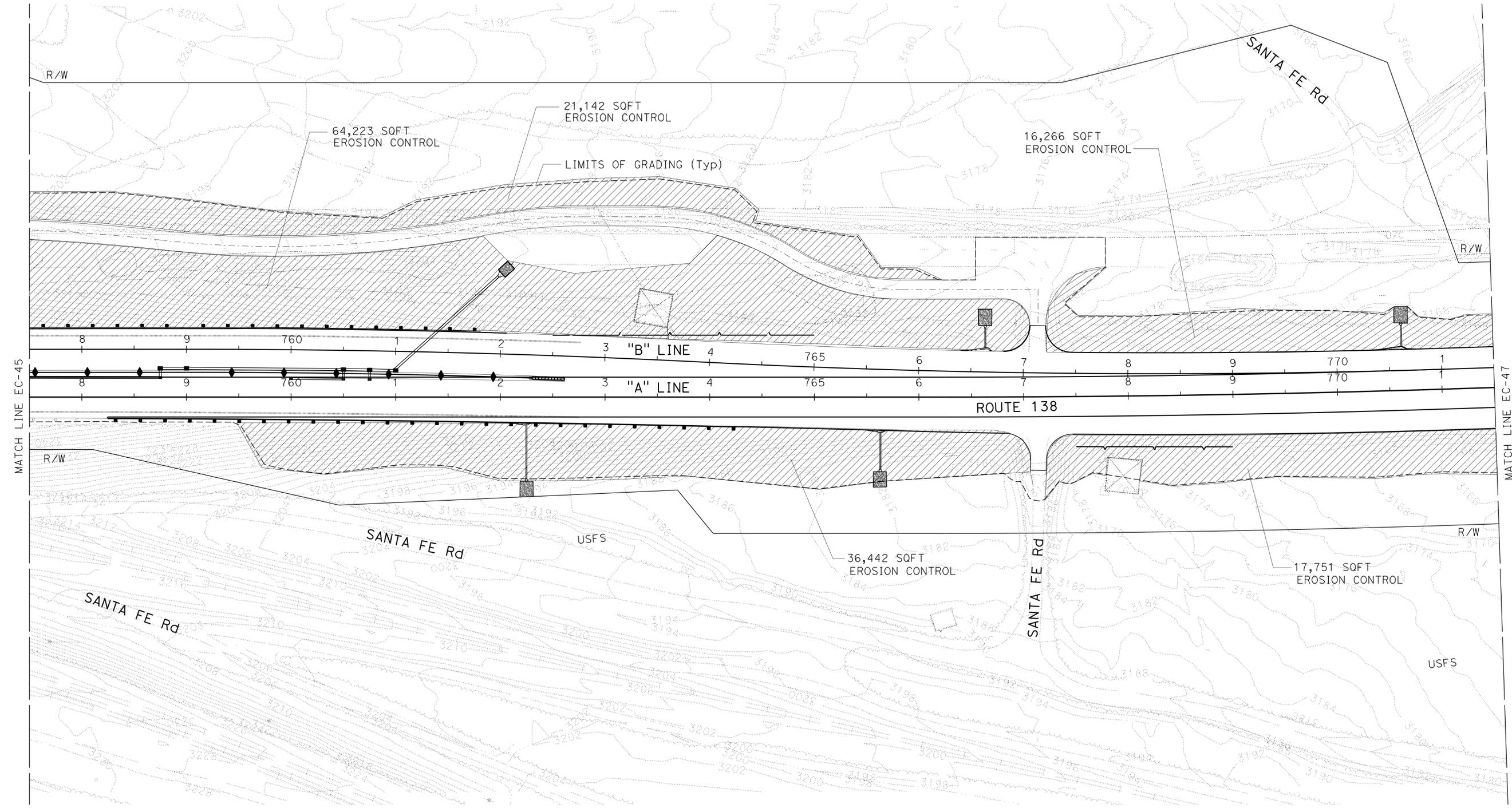
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



NOTES:

1. NO JOSHUA TREE TRANSPLANTING THIS SHEET.
2. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	SENIOR LANDSCAPE ARCHITECT	JOHN STANTON	REVISOR
Caltrans LANDSCAPE ARCHITECTURE	R. DESSELLE	RAY I. DESSELLE	DATE REVISED



EROSION CONTROL AND PLANTING PLAN
SCALE: 1" = 50'
EC-46

APPROVED FOR EROSION CONTROL AND PLANTING WORK ONLY

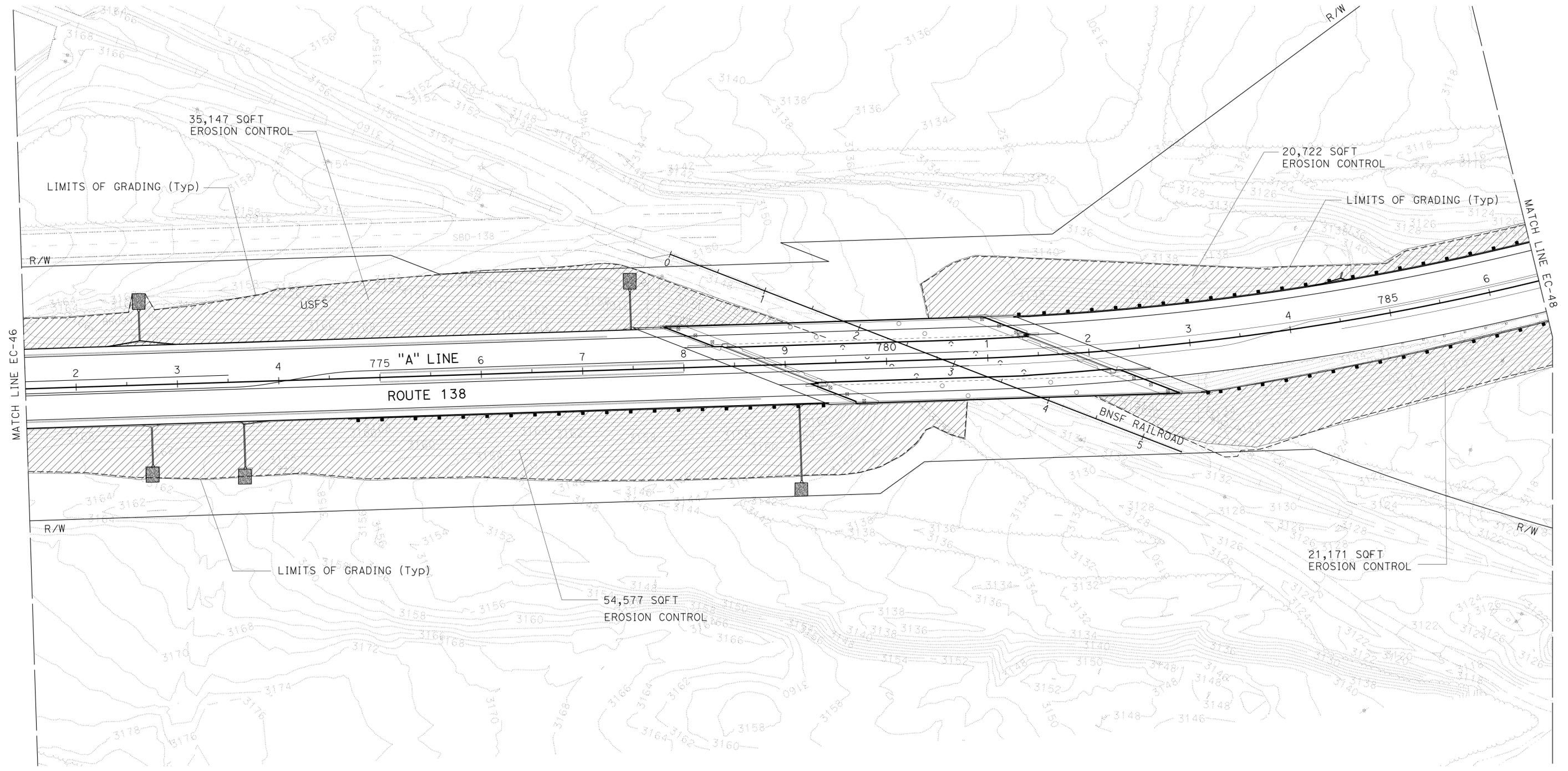
LAST REVISION: DATE PLOTTED => 01-MAY-2014
09-05-13 TIME PLOTTED => 11:29

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	SBd	2,138	6.2/6.4, 2.3/R15.2	842	1168

John A. Stanton
 LICENSED LANDSCAPE ARCHITECT
 3-3-14
 PLANS APPROVAL DATE
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

NOTES:

1. NO JOSHUA TREE TRANSPLANTING THIS SHEET.
2. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans LANDSCAPE ARCHITECTURE
 SENIOR LANDSCAPE ARCHITECT
R. DESSELLE
 CHECKED BY
R. DESSELLE
 CALCULATED/DESIGNED BY
R. DESSELLE
 JOHN STANTON
 REVISED BY
RAY I. DESSELLE
 DATE REVISED

APPROVED FOR EROSION CONTROL AND PLANTING WORK ONLY

**EROSION CONTROL
 AND PLANTING PLAN**
 SCALE: 1" = 50'
EC-47

LAST REVISION: DATE PLOTTED => 01-MAY-2014 TIME PLOTTED => 11:29

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans LANDSCAPE ARCHITECTURE

FUNCTIONAL SUPERVISOR
R. DESSELLE

JOHN STANTON
 RAY I. DESSELLE

REVISOR BY
 DATE REVISED

CALCULATED/DESIGNED BY
 CHECKED BY

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

SAL NIG 125
 SAL LAS 125
 BAC SAL 125
 POP FRE 125

SAL NIG 110
 SAL LAS 110
 BAC SAL 110
 POP FRE 110

9,652 SQFT
 EROSION CONTROL

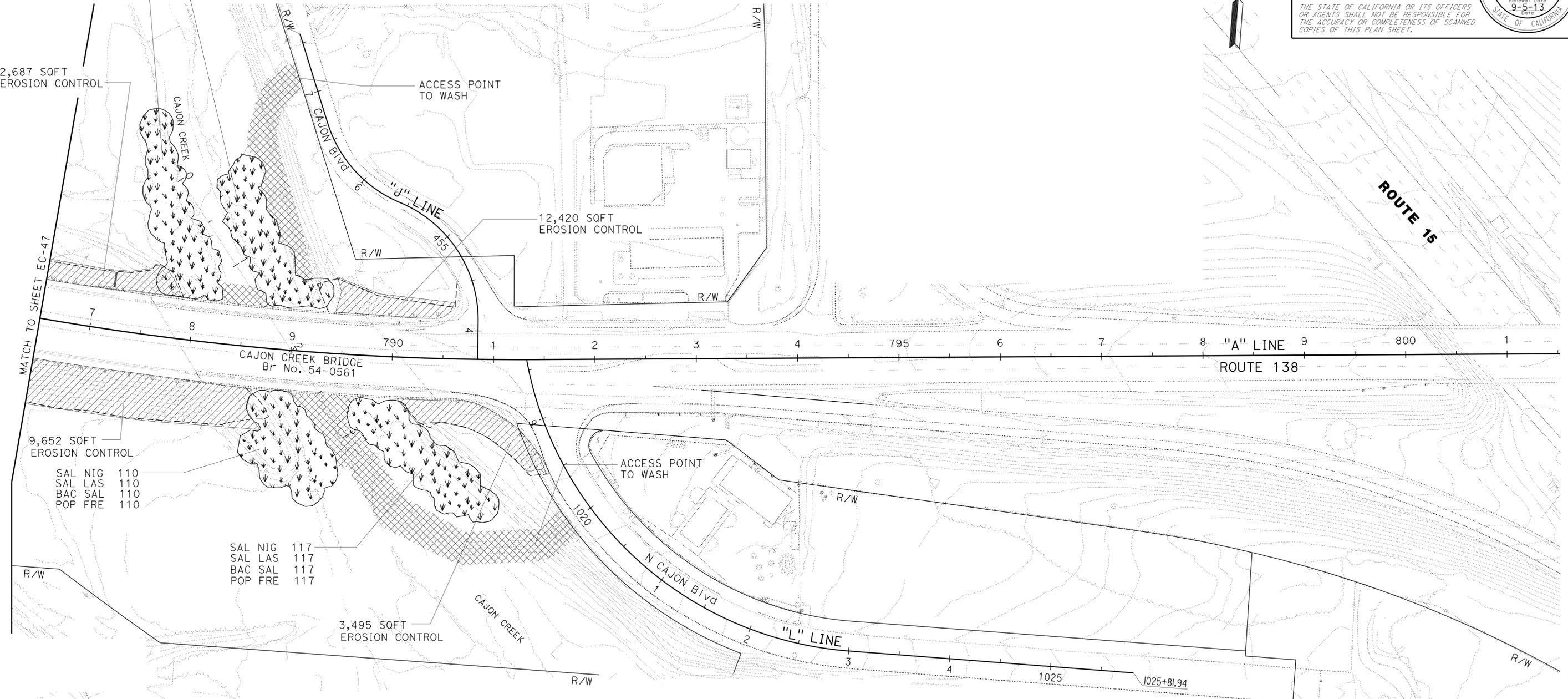
SAL NIG 110
 SAL LAS 110
 BAC SAL 110
 POP FRE 110

SAL NIG 117
 SAL LAS 117
 BAC SAL 117
 POP FRE 117

3,495 SQFT
 EROSION CONTROL

12,420 SQFT
 EROSION CONTROL

2,687 SQFT
 EROSION CONTROL



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	SBd	2,138	6.2/6.4, 2.3/R15.2	843	1168

John J. Stanton
 REGISTERED CIVIL ENGINEER DATE

3-3-14
 PLANS APPROVAL DATE

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

LICENSED LANDSCAPE ARCHITECT
 JOHN J. STANTON No. 5465
 REGISTERED DATE
 03-31-14
 EXPIRES DATE
 9-5-13
 STATE OF CALIFORNIA



APPROVED FOR EROSION CONTROL AND PLANTING WORK ONLY

**EROSION CONTROL
 AND PLANTING PLAN**

SCALE: 1" = 50' **EC-48**

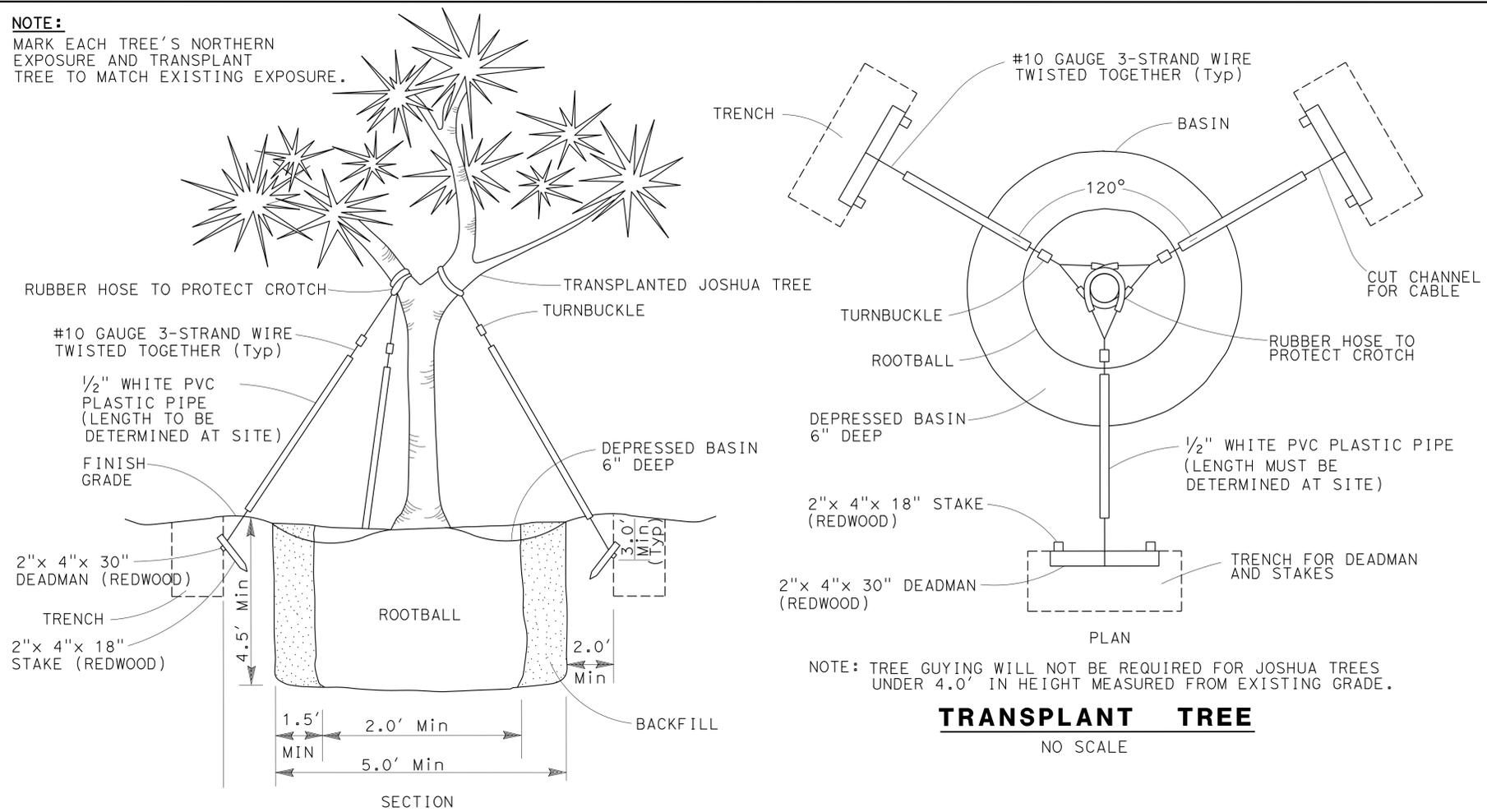
LAST REVISION DATE PLOTTED => 01-MAY-2014 09-05-13 TIME PLOTTED => 11:30

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	SBD	2,138	6.2/6.4, 2.3/R15.2	844	1168

John A. Stanton
 LICENSED LANDSCAPE ARCHITECT
 3-3-14
 PLANS APPROVAL DATE

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.

NOTE:
 MARK EACH TREE'S NORTHERN
 EXPOSURE AND TRANSPLANT
 TREE TO MATCH EXISTING EXPOSURE.



TRANSPLANT TREE
 NO SCALE

**EROSION CONTROL (HYDROSEED)
 QUANTITIES TABLE**

TYPE	HYDROSEED (SF)
EROSION CONTROL TYPE 1 (HYDROSEED)	3,939,083

PLANT QUANTITIES

ITEM	UNIT	QUANTITY
PLANT GROUP A	EA	924
PLANT GROUP H	EA	924

**TRANSPLANT TREE AND CACTI
 QUANTITIES**

FROM STATION POINT TO STATION POINT	TRANSPLANT TREE (EA)	TRANSPLANT CACTI (EA)
Sta 125+70 TO Sta 676+65	1,008	500

SOIL AMENDMENT

ITEM	QUANTITY (LB)
SLOW RELEASE FERTILIZER	231

SEED MIX 1

SEED	BOTANICAL NAME (COMMON NAME)	PERCENT GERMINATION (MINIMUM)	POUNDS PURE LIVE SEED PER ACRE (SLOPE MEASUREMENT)
MIX 1	Achnatherum speciosum* (Desert Needlegrass)	25	8
	Achnatherum (Oryzopsis) hymenoides* (Indian Ricegrass)	40	8
	Eriogonum fasciculatum* (California Buckwheat)	5	3
	Salvia apiana* (White Sage)	25	2
	Plantago erecta* (California Plantain)	40	5
	Lasthenia californica (chrysostoma)* (Dwarf Goldenfields)	30	1.5
	Eschscholzia californica* (California Poppy)	40	2
TOTAL			29.5

* SEED COLLECTION MUST COMPLY WITH THE
 PROJECT ENVIRONMENTAL 401 PERMIT
 FILE No. SB13004IN

EROSION CONTROL TYPE 1 (HYDROSEED)

SEQUENCE	ITEM	MATERIAL		APPLICATION RATE	REMARKS
		DESCRIPTION	TYPE		
STEP 1	HYDROSEED	SEED	MIX 1	29.5 LB/ACRE	APPLICATION RATE FOR FIBER AND TACKIFIER COMBINED
		FIBER	PER SPECIFICATIONS	2500 LB/ACRE FOR SLOPES ≤ 4 : 1 (HORIZ:VERT) 3000 LB/ACRE FOR SLOPES > 4 : 1 AND ≤ 3:1 (HORIZ : VERT) 3500 LB/ACRE FOR SLOPES > 3 : 1 AND ≤ 2:1 (HORIZ : VERT) 4000 LB/ACRE FOR SLOPES > 2 : 1 AND ≤ 1:1 (HORIZ : VERT)	
		TACKIFIER	PER SPECIFICATIONS	4500 LB/ACRE FOR SLOPES > 1 : 1 (HORIZ:VERT)	

**EROSION CONTROL QUANTITIES
 AND
 TRANSPLANT TREE DETAIL
 ECD-1**

APPROVED FOR EROSION CONTROL AND TRANSPLANTING WORK ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 SENIOR LANDSCAPE ARCHITECT
 R. DESSELLE
 JOHN STANTON
 RAY I. DESSELLE
 REVISIONS: 01, 02, 03, 04, 05, 06, 07, 08, 09, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans ELECTRICAL DESIGN B

FUNCTIONAL SUPERVISOR
 FERDINAND DE LA CRUZ

CALCULATED/DESIGNED BY
 CHECKED BY

LUIS PENALOZA
 FERDINAND DE LA CRUZ

REVISED BY
 DATE REVISED

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	SBd	2,138	6.2/6.4, 2.3/R15.2	845	1168

Katherine Dinh 9-05-13
 REGISTERED ELECTRICAL ENGINEER DATE

3-3-14
 PLANS APPROVAL DATE

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

REGISTERED PROFESSIONAL ENGINEER
 KATHERINE DINH
 No. E17157
 Exp. 9-30-15
 ELECTRICAL
 STATE OF CALIFORNIA

NOTES:

- FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.
- ALL CONDUIT PERPENDICULAR TO MIDWEST GUARDRAIL SYSTEM MUST BE INSTALLED A MINIMUM SIX FEET BELOW GRADE. CONDUIT PARALLEL TO MIDWEST GUARDRAIL SYSTEM MUST BE INSTALLED A MINIMUM FOUR FEET FROM THE MIDWEST GUARDRAIL SYSTEM POST.

NOTES: SHEETS E-1 THRU E-10 ONLY

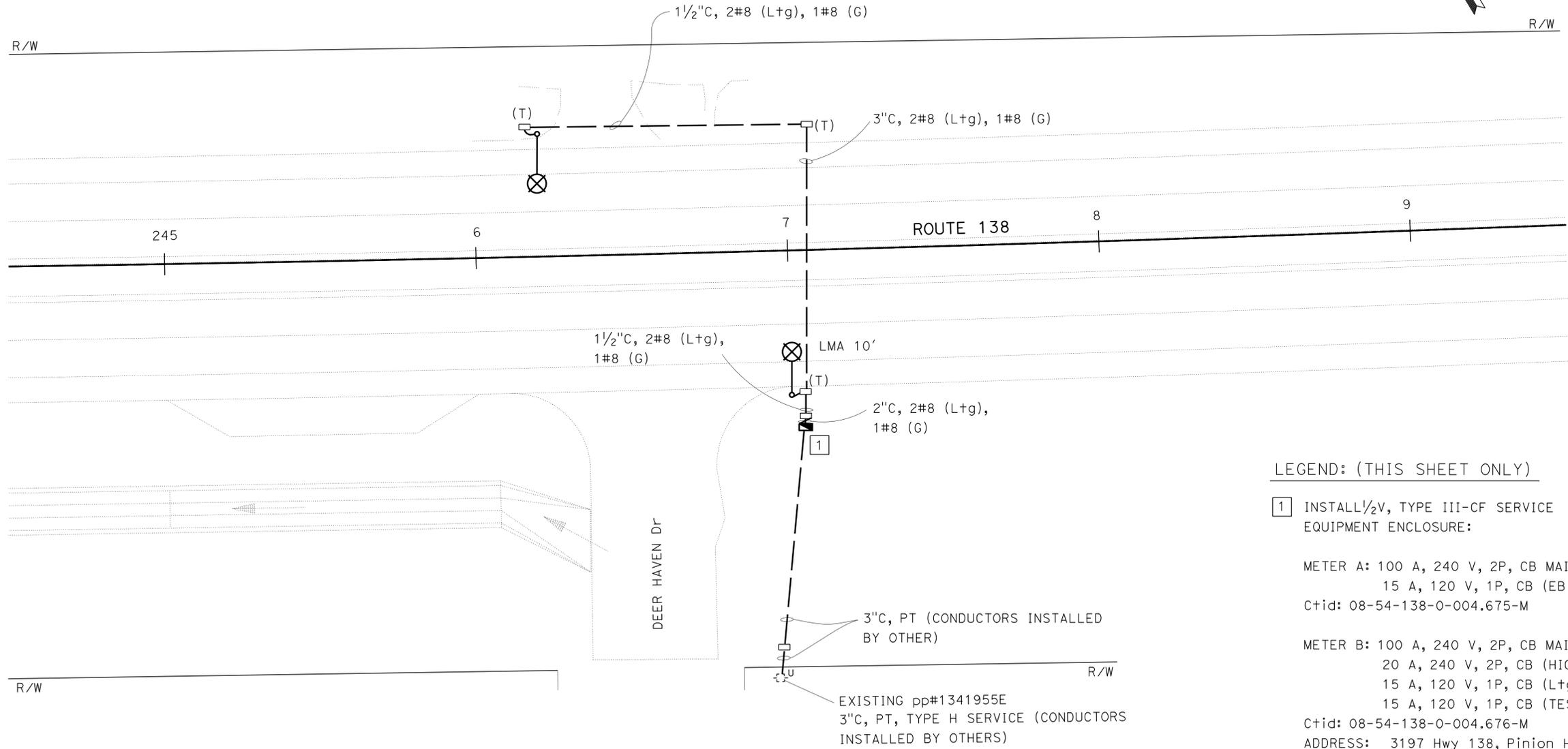
- SEE SHEET E-94 FOR INSTALLATION OF TRAFFIC RATED PULL BOX.
- FOR SLIP BASE LUMINAIRES, INSTALL SLIP BASE SPECIFIC FUSE KITS ONLY.
- INSTALL LIGHTING FUSE KITS INSIDE LUMINAIRE HEAD OR LUMINAIRE HANDHOLE.

ABBREVIATIONS: ALL SHEETS

- EVP EMERGENCY VEHICLE PREEMPTION
 LS-3 SCE LIGHTING RATE
 SCE SOUTHERN CALIFORNIA EDISON
 TC-1 SCE TRAFFIC SIGNAL RATE
 VCC VIDEO COMPOSITE CABLE
 VPC VIDEO POWER CABLE
 VMS VARIABLE MESSAGE SIGN

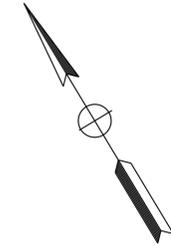
LEGEND:

- [VMS] VARIABLE MESSAGE SIGN
 [VMS] EXISTING VARIABLE MESSAGE SIGN
 (P) EXISTING PAVEMENT SENSOR
 ● NEW PAVEMENT SENSOR



LEGEND: (THIS SHEET ONLY)

- 1 INSTALL 1/2V, TYPE III-CF SERVICE EQUIPMENT ENCLOSURE:
- METER A: 100 A, 240 V, 2P, CB MAIN BREAKER (TC-1)
 15 A, 120 V, 1P, CB (EB FLASHING BEACON)
 Ctid: 08-54-138-0-004.675-M
- METER B: 100 A, 240 V, 2P, CB MAIN BREAKER (LS-3)
 20 A, 240 V, 2P, CB (HIGHWAY LIGHTING)
 15 A, 120 V, 1P, CB (LtG CONTROL)
 15 A, 120 V, 1P, CB (TEST SWITCH)
 Ctid: 08-54-138-0-004.676-M
 ADDRESS: 3197 Hwy 138, Pinion Hills, CA 92372



APPROVED FOR ELECTRICAL WORK ONLY

LIGHTING
 SCALE: 1" = 20' **E-1**

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	SBd	2,138	6.2/6.4, 2.3/R15.2	846	1168

Katherine Dinh 9-05-13
 REGISTERED ELECTRICAL ENGINEER DATE
 3-3-14
 PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
 KATHERINE DINH
 No. E17157
 Exp. 9-30-15
 ELECTRICAL
 STATE OF CALIFORNIA

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

NOTE:

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

LEGEND: (THIS SHEET ONLY)

1 INSTALL 1/2V, TYPE III-CF SERVICE
EQUIPMENT ENCLOSURE:

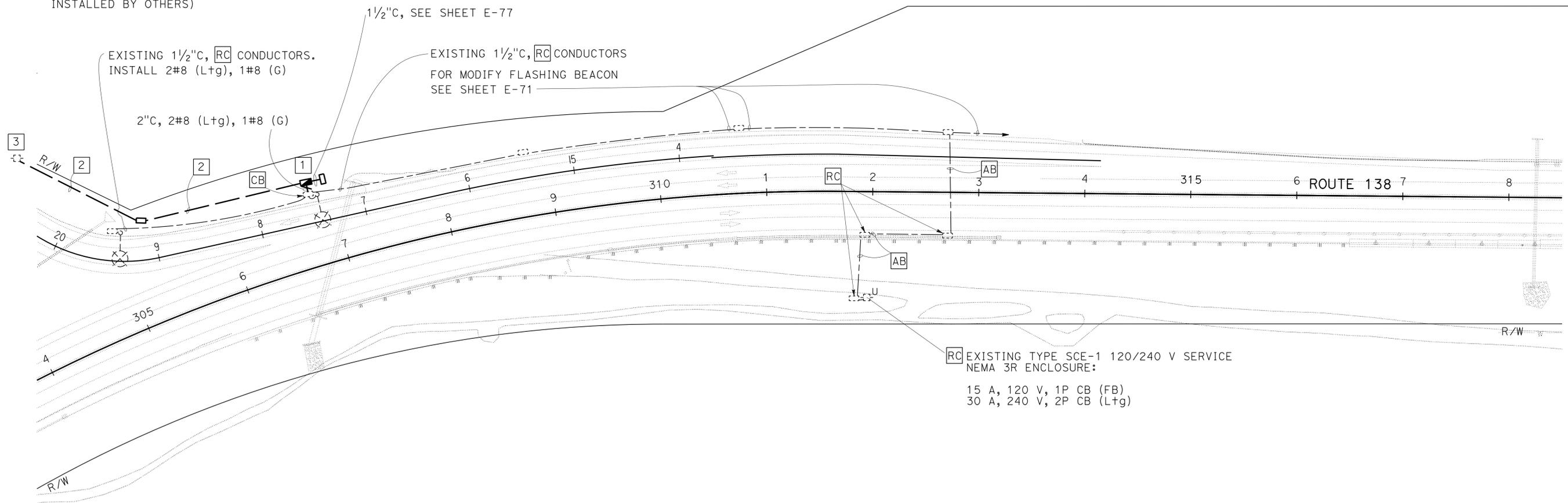
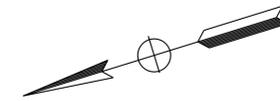
METER A: 100 A, 240 V, 2P, CB MAIN BREAKER (TC-1)
15 A, 120 V, 1P CB (FB)
Ctid: 08-54-138-0-005.805-M

METER B: 100 A, 240 V, 2P, CB MAIN BREAKER (LS-3)
20 A, 240 V, 2P, CB (LIGHTING)
15 A, 120 V, 1P, CB (Ltg CONTROL)
15 A, 120 V, 1P, CB (TEST SWITCH)
Ctid: 08-54-138-0-005.806-M

ADDRESS: 8401 Hwy 138, Phelan, CA 92371

2 3"C, PT (CONDUCTORS INSTALLED BY OTHERS)

3 EXISTING PP# 4559375E
3"C, PT, TYPE H SERVICE, (CONDUCTORS
INSTALLED BY OTHERS)



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans ELECTRICAL DESIGN B
 FUNCTIONAL SUPERVISOR: FERDINAND DE LA CRUZ
 CALCULATED/DESIGNED BY: LUIS PENALOZA
 CHECKED BY: FERDINAND DE LA CRUZ
 REVISED BY: DATE REVISED

APPROVED FOR ELECTRICAL WORK ONLY

LIGHTING
SCALE: 1" = 50' **E-2**

NOTES:

1. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.
2. FOR EQUIPMENT REMOVAL SEE ELECTRICAL STAGE CONSTRUCTION PLANS.

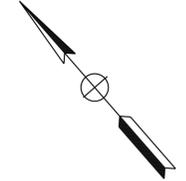
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	SBd	2,138	6.2/6.4, 2.3/R15.2	847	1168

Katherine Dinh 9-05-13
 REGISTERED ELECTRICAL ENGINEER DATE

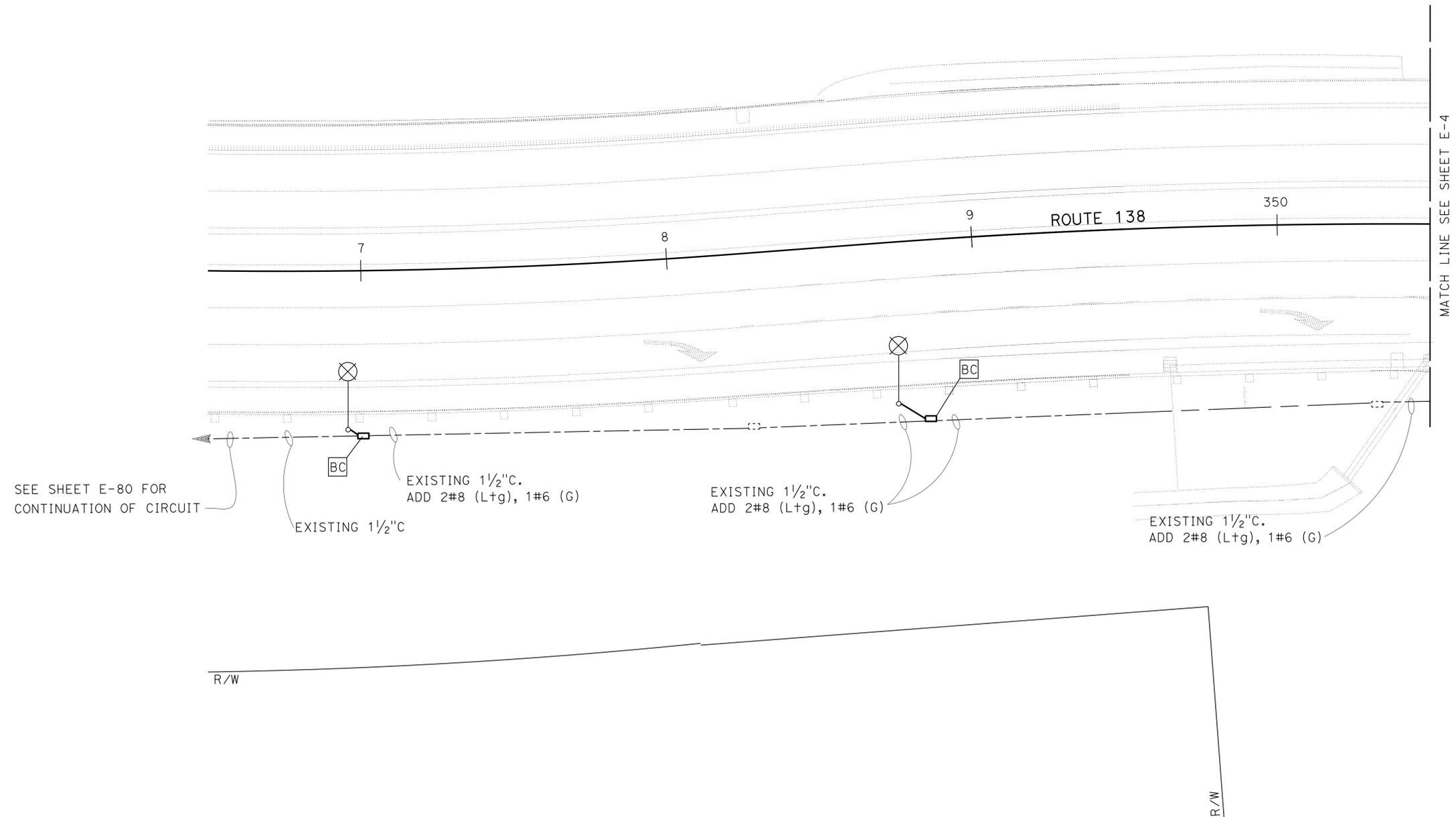
3-3-14
 PLANS APPROVAL DATE

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

REGISTERED PROFESSIONAL ENGINEER
KATHERINE DINH
 No. E17157
 Exp. 9-30-15
 ELECTRICAL
 STATE OF CALIFORNIA



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	FUNCTIONAL SUPERVISOR	CALCULATED/DESIGNED BY	REVISOR
Caltrans ELECTRICAL DESIGN B	FERDINAND DE LA CRUZ	CHECKED BY	DATE
LUIZ PENALOZA	FERDINAND DE LA CRUZ	LUIZ PENALOZA	DATE



SEE SHEET E-80 FOR CONTINUATION OF CIRCUIT

EXISTING 1 1/2" C.
ADD 2#8 (Ltg), 1#6 (G)

EXISTING 1 1/2" C

EXISTING 1 1/2" C.
ADD 2#8 (Ltg), 1#6 (G)

EXISTING 1 1/2" C.
ADD 2#8 (Ltg), 1#6 (G)

APPROVED FOR ELECTRICAL WORK ONLY

LIGHTING
SCALE: 1" = 20' **E-3**

LAST REVISION | DATE PLOTTED => 01-MAY-2014 | 09-05-13 | TIME PLOTTED => 11:30

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans ELECTRICAL DESIGN B

FUNCTIONAL SUPERVISOR FERDINAND DE LA CRUZ	CALCULATED-DESIGNED BY CHECKED BY	LUIS PENALOZA FERDINAND DE LA CRUZ	REVISED BY DATE REVISED
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NOTE:
 FOR ACCURATE RIGHT OF WAY DATA, CONTACT
 RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

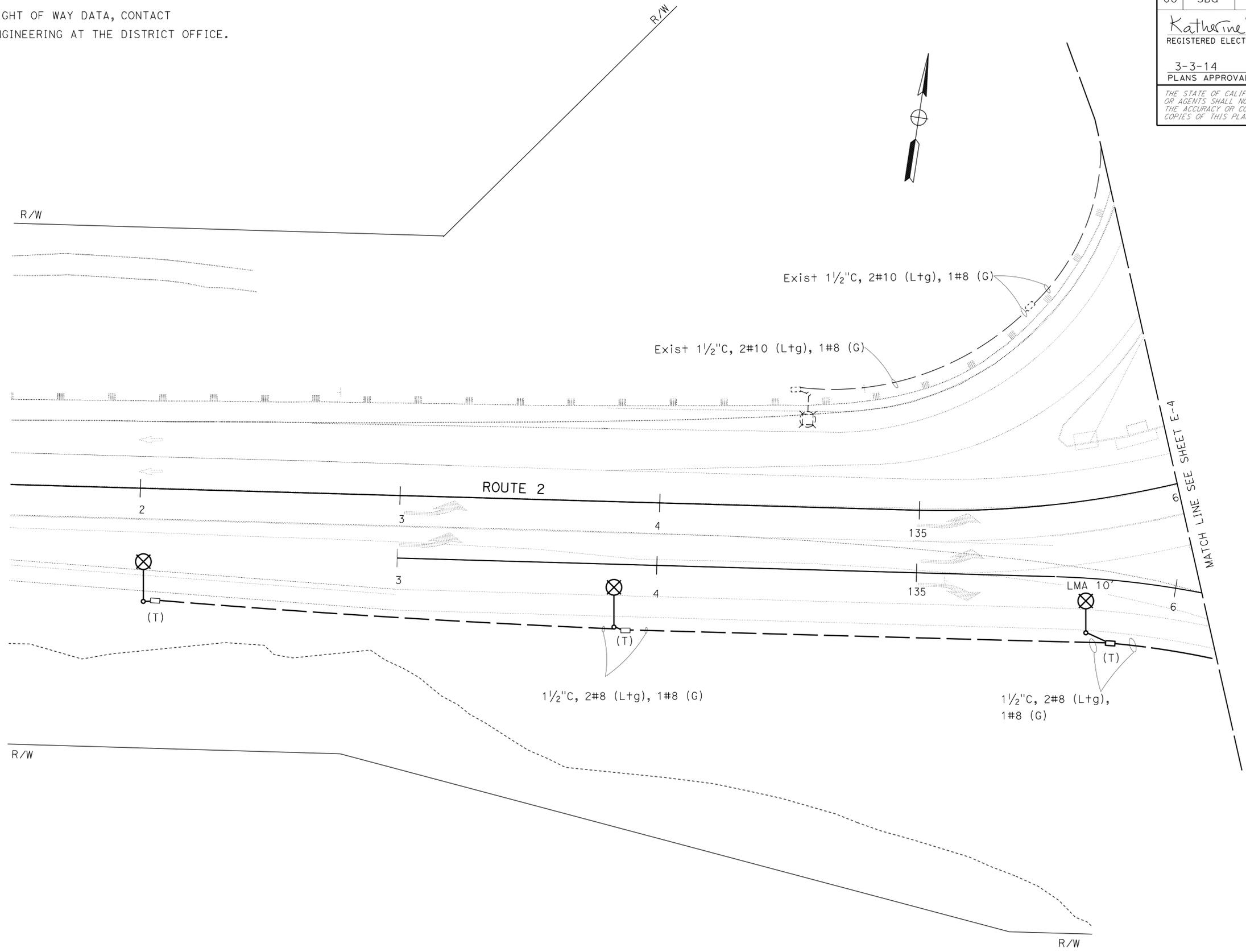
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	SBd	2,138	6.2/6.4, 2.3/R15.2	849	1168

Katherine Dinh 9-05-13
 REGISTERED ELECTRICAL ENGINEER DATE

3-3-14
 PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
 KATHERINE DINH
 No. E17157
 Exp. 9-30-15
 ELECTRICAL
 STATE OF CALIFORNIA

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APPROVED FOR ELECTRICAL WORK ONLY

LIGHTING
 SCALE: 1" = 20'
E-5

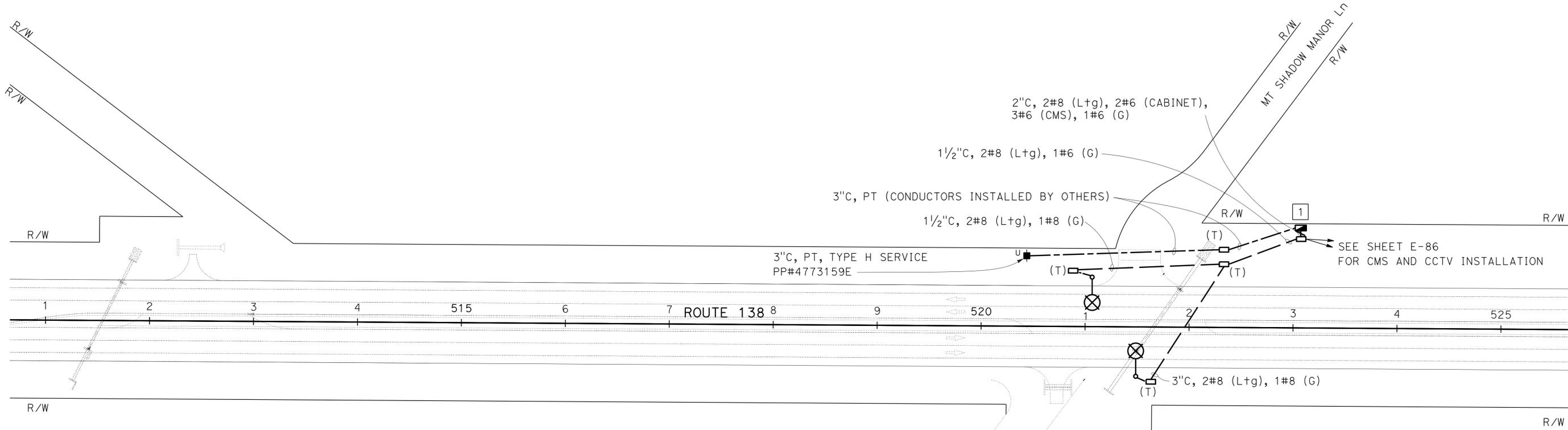
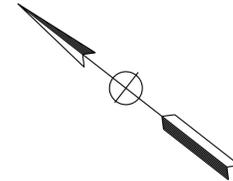
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	SBD	2,138	6.2/6.4, 2.3/R15.2	851	1168

Katherine Dinh 9-05-13
 REGISTERED ELECTRICAL ENGINEER DATE
 3-3-14
 PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
 KATHERINE DINH
 No. E17157
 Exp. 9-30-15
 ELECTRICAL
 STATE OF CALIFORNIA

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



LEGEND: (THIS SHEET ONLY)

- 1** INSTALL TYPE III-CF SERVICE EQUIPMENT ENCLOSURE:
- METER A: 100 A, 240 V, 2P, CB MAIN BREAKER (TC-1)
 30 A, 240 V, 2P, CB (CMS)
 30 A, 120 V, 1P, CB (CABINET)
 Ctid: 08-54-138-0-034.740-M
- METER B: 100 A, 120/240 V, 2P, CB MAIN BREAKER (LS-3)
 30 A, 240 V, 2P, CB (Ltg)
 15 A, 120 V, 1P, CB (Ltg CONTROL)
 15 A, 120 V, 1P, CB (TEST SWITCH)
 Ctid: 08-54-138-0-034.741-M
 ADDRESS: 5772 MOUNTAIN SHADOW MANOR, CAJON VALLEY, CA 92371

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans ELECTRICAL DESIGN B
 FUNCTIONAL SUPERVISOR: FERDINAND DE LA CRUZ
 CALCULATED/DESIGNED BY: FERDINAND DE LA CRUZ
 CHECKED BY:
 LUIS PENALOZA
 REVISOR: FERDINAND DE LA CRUZ
 DATE:

APPROVED FOR ELECTRICAL WORK ONLY

LIGHTING
 SCALE: 1" = 50'

E-7

LAST REVISION: 09-05-13 DATE PLOTTED => 01-MAY-2014 TIME PLOTTED => 11:30

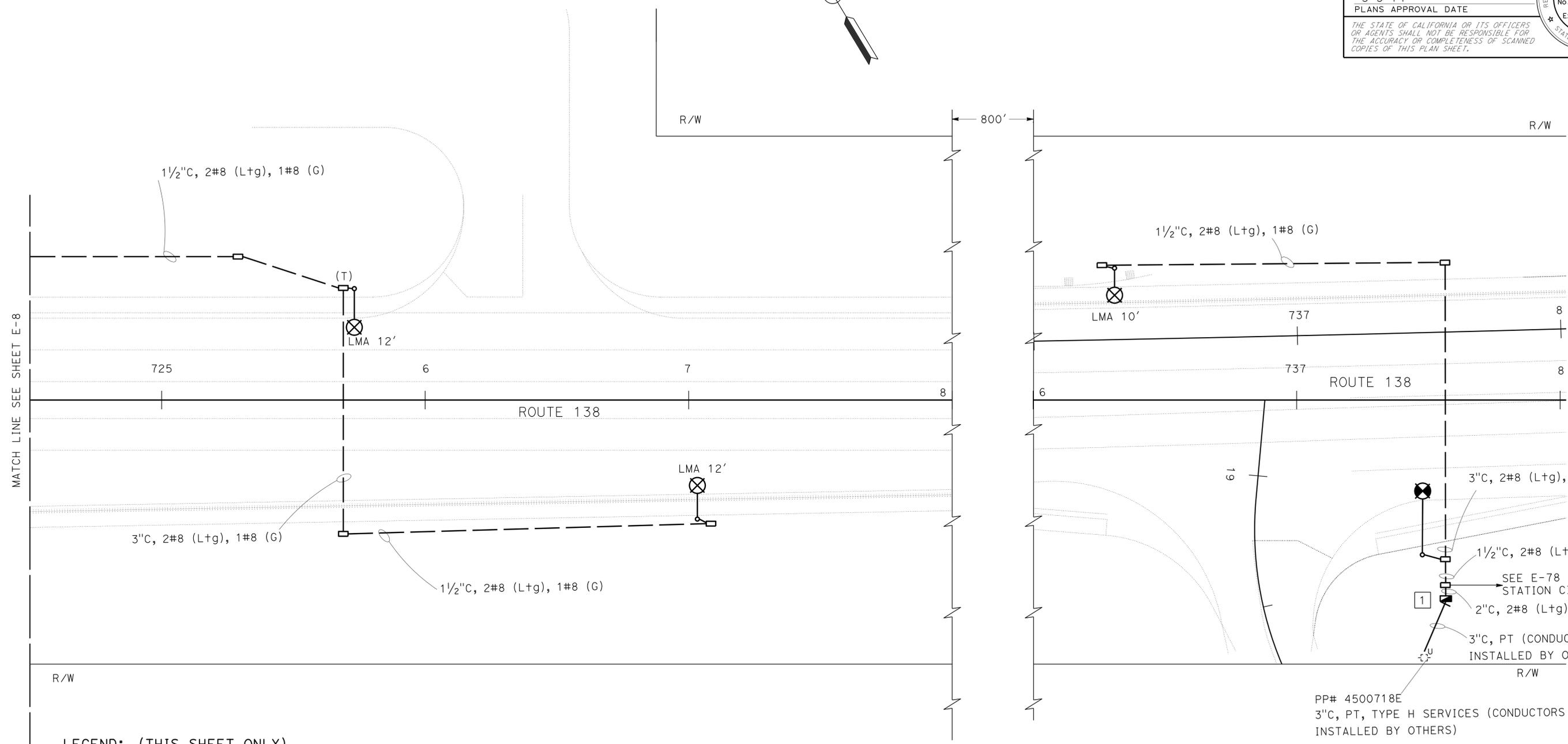
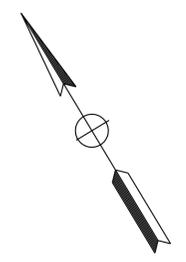
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	SBd	2,138	6.2/6.4, 2.3/R15.2	853	1168

Katherine Dinh 9-05-13
 REGISTERED ELECTRICAL ENGINEER DATE
 3-3-14
 PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
 KATHERINE DINH
 No. E17157
 Exp. 9-30-15
 ELECTRICAL
 STATE OF CALIFORNIA

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



LEGEND: (THIS SHEET ONLY)

- 1 INSTALL TYPE III-CF SERVICE EQUIPMENT ENCLOSURE:
 - METER B: 100 A, 240 V, 2P, CB MAIN BREAKER (TC-1)
 - 30 A, 240 V, 1P, CB (CENSUS STATION)
 - Ctid: 08-54-138-0-013.979-M
 - METER B: 100 A, 240 V, 2P, CB MAIN BREAKER (LS-3)
 - 30 A, 240 V, 2P, CB (Ltg)
 - 15 A, 120 V, 1P, CB (Ltg CONTROL)
 - 15 A, 120 V, 1P, CB (TEST SWITCH)
 - Ctid: 08-54-138-0-013.980-M
 - ADDRESS: 5841 E HIGHWAY 138, CAJON, CA

APPROVED FOR ELECTRICAL WORK ONLY

LIGHTING
 SCALE: 1" = 20' **E-9**

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans ELECTRICAL DESIGN B
 FUNCTIONAL SUPERVISOR: FERDINAND DE LA CRUZ
 CALCULATED/DESIGNED BY: FERDINAND DE LA CRUZ
 CHECKED BY:
 LUIS PENALOZA
 FERDINAND DE LA CRUZ
 REVISED BY: DATE
 REVISIONS:

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	SBd	2,138	6.2/6.4, 2.3/R15.2	854	1168

Katherine Dinh 9-05-13
 REGISTERED ELECTRICAL ENGINEER DATE
 3-3-14
 PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
 KATHERINE DINH
 No. E17157
 Exp. 9-30-15
 ELECTRICAL
 STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS
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 THE ACCURACY OR COMPLETENESS OF SCANNED
 COPIES OF THIS PLAN SHEET.

NOTE:

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

PP# 234040-178111E
3"C, PT TYPE H SERVICE,
(CONDUCTORS INSTALLED BY OTHERS)

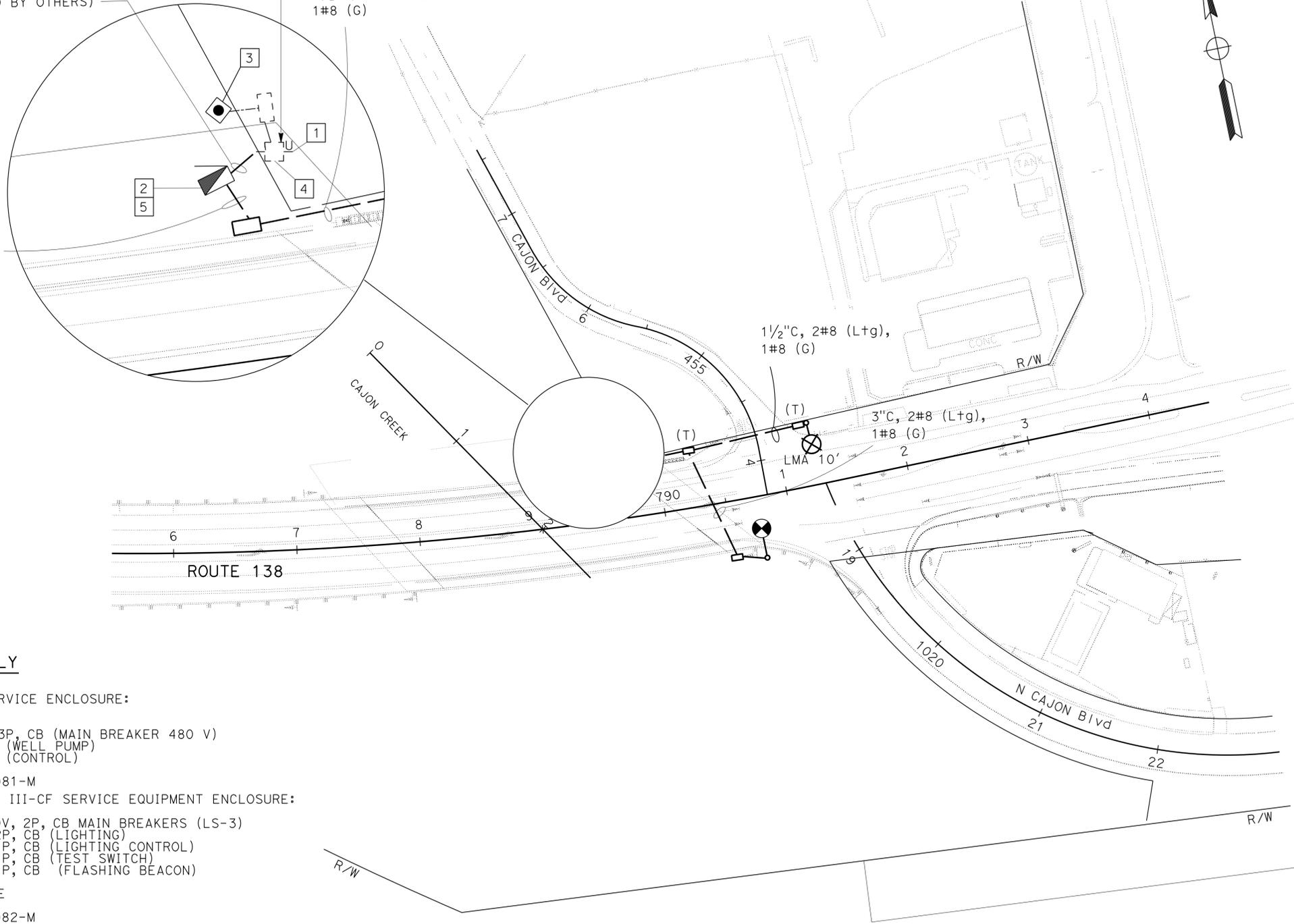
3"C, PT (CONDUCTORS INSTALLED BY OTHERS)

1 1/2"C, 2#8 (Ltg),
1#8 (G)

2"C, 2#8 (Ltg),
1#8 (G)

1 1/2"C, 2#8 (Ltg),
1#8 (G)

3"C, 2#8 (Ltg),
1#8 (G)



LEGEND: THIS SHEET ONLY

- 1 EXISTING TYPE SCE-1 SERVICE ENCLOSURE:
INSTALL TYPE H SERVICE

METER A: 100 A, 480 V, 3P, CB (MAIN BREAKER 480 V)
30 A, 240 V, 3P, CB (WELL PUMP)
20 A, 120 V, 1P, CB (CONTROL)

Ctid: 08-54-138-0-013.981-M
- 2 INSTALL 120/240 V, TYPE III-CF SERVICE EQUIPMENT ENCLOSURE:

METER A: 100 A, 120/240V, 2P, CB MAIN BREAKERS (LS-3)
30 A, 240 V, 2P, CB (LIGHTING)
15 A, 120 V, 1P, CB (LIGHTING CONTROL)
15 A, 120 V, 1P, CB (TEST SWITCH)
15 A, 120 V, 1P, CB (FLASHING BEACON)

METER B: FOR FUTURE USE

Ctid: 08-54-138-0-013.982-M
ADDRESS: 8332 Hwy 138, CAJON VALLEY, CA 92407
- 3 EXISTING WELL PUMP PROTECT IN PLACE.
- 4 EXISTING WELL PUMP CONTROL PANEL MOUNTED
ON UTILITY WOOD POLE. PROTECT IN PLACE.
- 5 INSTALL 1 kVA, 480 V-120/240 V, 1Ø STEP-DOWN
TRANSFORMER IN THE III-CF SERVICE EQUIPMENT ENCLOSURE.

LIGHTING

SCALE: 1" = 50'

E-10

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans ELECTRICAL DESIGN B
 FUNCTIONAL SUPERVISOR: FERDINAND DE LA CRUZ
 REVISIONS: LUIS PENALOZA, FERDINAND DE LA CRUZ
 REVISIONS: LUIS PENALOZA, FERDINAND DE LA CRUZ
 REVISIONS: LUIS PENALOZA, FERDINAND DE LA CRUZ

APPROVED FOR ELECTRICAL WORK ONLY

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	SBd	2,138	6.2/6.4, 2.3/R15.2	855	1168

Katherine Dinh 9-05-13
 REGISTERED ELECTRICAL ENGINEER DATE
 3-3-14
 PLANS APPROVAL DATE
 THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

LEGEND: (SHEET E-11 THRU E-47)

- 1 EXISTING 2-4"C, 8-12 CSC, 6-3 CSC, 2-EVP CABLES, 18 DLC, 2#8 (G).
RC 14 DLC, 6-3 CSC AND 1-EVP CABLE (WB Rte 138), 5-12 CSC.
 ADD 6-VCC, 6-VPC, 1-EVP CABLE (WB Rte 138), 1#12 (N).
- 2 EXISTING 4"C, 3-12 CSC, 3-3 CSC, 2#10 (Ltg), 9 DLC, 2#6 (FB), 1#8 (G).
RC 5 DLC, 1-12 CSC, 3-3 CSC.
 ADD 4-VCC, 4-VPC, 1-EVP CABLE, 1#12 (N), 3#14 (Ø1), 3#14 (Ø6).
- 3 EXISTING 2-4"C, 1-12 CSC, 2#6 (Sig), 1#8 (G).
 ADD 6-VCC, 6-VPC, 3#14 (Ø1), 3#14 (Ø2), 3#14 (Ø4),
 3#14 (Ø5), 3#14 (Ø6), 1#12 (N).
- 4 EXISTING 3"C, 2-12 CSC, 2-3 CSC, 2#10 (Ltg), 5 DLC, 1#8 (G), 2#6 (FB).
RC 5 DLC (Ø2 AND Ø5), 2-3 CSC, 1-12 CSC, 2#6 (FB).
- 5 EXISTING 4"C, 4-12 CSC, 3-3 CSC, 2#10 (Ltg), 2-EVP CABLE, 9 DLC, 1#8 (G), 2#8 (FB).
RC 9 DLC, 1-EVP CABLE, 3-12 CSC (NW CORNER), 3-3 CSC (NW CORNER), 2#8 (FB).
- 6 EXISTING 4"C, 3-12 CSC, 3-3 CSC, 2#10 (Ltg), 2-EVP CABLE, 4 DLC, 1#8 (G).
RC 4 DLC, 2-12 CSC, 3-3 CSC, 1-EVP CABLE.
- 7 MESSENGER CABLE, 3#14 (Ø5), 1#8 (G), 1#12 (N), 1-VCC, 1-VPC.
- 8 EXISTING 2"C, 2#6 (FB), 2 DLC, 1#8 (G).
 ADD 1-EVP CABLE, 4-VCC, 4-VPC, 3#14 (Ø1), 3#14 (Ø6), 1#8 (G), 2#10 (Ltg), 1#12 (N).
- 9 EXISTING 2"C, 2#6 (FB), 2 DLC, 1#8 (G).
- 10 2"C, 4-VCC, 4-VPC, 1-EVP CABLE, 3#14 (Ø1), 3#14 (Ø6), 1#8 (G), 2#10 (Ltg), 1#12 (N).
- 11 MESSENGER CABLE, 4-VCC, 4-VPC, 1-EVP CABLE, 3#14 (Ø1), 3#14 (Ø6), 1#8 (G), 2#10 (Ltg), 1#12 (N).
- 12 MESSENGER CABLE, 1-VCC, 1-VPC.
- 13 MESSENGER CABLE, 2-VCC, 2-VPC, 1-EVP CABLE, 3#14 (Ø1), 3#14 (Ø6), 1#8 (G), 2#10 (Ltg), 1#12 (N).
- 14 2"C, 2-VCC, 2-VPC, 3#14 (Ø2), 3#14 (Ø5), 1#8 (G), 2#10 (Ltg), 1#12 (N).
- 15 MESSENGER CABLE, 3#14 (Ø2), 3#14 (Ø5), 1#8 (G), 1#12 (N), 1-VCC, 1-VPC.
- 16 EXISTING 2-3"C, 9-12 CSC, 15 DLC, 2#8 (G). RC 3 DLC.
- 17 EXISTING 4"C, 4#8 (FB), 2#10 (Ltg), 2#6 (Sig), 1#8 (G).
- 18 EXISTING 3"C, 3#2 (SERVICE).
- 19 EXISTING 2"C, 2#6 (Sig), 1#6 (G).
- 20 EXISTING TYPE III-CF SERVICE EQUIPMENT ENCLOSURE
 METER A: 100 A, 240 V, 2P, CB (MAIN)
 50 A, 120 V, 1P, CB (SIGNAL)
 15 A, 120 V, 1P, CB (FLASHING BEACON)
 15 A, 120 V, 1P, CB (FLASHING BEACON)

 METER B: 100 A, 240 V, 2P, CB (MAIN)
 30 A, 240 V, 2P, CB (Ltg)
 15 A, 120 V, 1P, CB (CONTROL)

- 21 EXISTING TYPE III-CF SERVICE EQUIPMENT ENCLOSURE
 METER A: 100 A, 240 V, 2P, CB (MAIN)
 30 A, 120 V, 1P, CB (COUNT STATION)
 20 A, 120 V, 1P, CB (WEATHER STATION)

 METER B: 100 A, 240 V, 2P, CB (MAIN)
 30 A, 240 V, 2P, CB (Ltg)
 15 A, 120 V, 1P, CB (CONTROL)
 15 A, 120 V, 1P, CB (VMS SIGN-WB ROUTE 138)
 15 A, 120 V, 1P, CB (VMS SIGN-EB ROUTE 138)
 15 A, 120 V, 1P, CB (VMS SIGN-NB ROUTE 2)
- 22 PULL BACK 1-12 CSC (Ø8) AND COIL THEM IN EXISTING PULL BOX.
AB CONDUIT.
- 23 EXISTING 2"C, 3 DLC, 2#8 (FB), 1#8 (G).
- 24 EXISTING 1½"C, 2#10 (Ltg), 2#6 (COUNT), 2#8 (VSM), 1-SIC, 1#8 (G), 1#6 (G).
RC CONDUCTORS.
- 25 EXISTING 3"C, 2#10 (Ltg), 4#10 (WEATHER STATION), 2#6 (COUNT), 6#8 (VMS), 1#8 (G), 1#6 (G).
RC 2#6 (COUNT), 2#10 (Ltg), 1#6 (G), 6#8 (VMS).
- 26 EXISTING TYPE III-CF SERVICE EQUIPMENT ENCLOSURE
 METER A: 100 A, 240 V, 2P, CB (MAIN)
 15 A, 120 V, 1P, CB (SIGNAL)
 15 A, 120 V, 1P, CB (FLASHING BEACON EB)
 15 A, 120 V, 1P, CB (FLASHING BEACON WB)

 METER B: 100 A, 240 V, 2P, CB (MAIN)
 20 A, 120 V, 1P, CB (INTERSECTION Ltg)
 15 A, 120 V, 1P, CB (LIGHTING CONTROL)
- 27 EXISTING 2-4"C, 6-12 CSC, 2#6 (Sig), 16 DLC, 1#8 (G), 3-VCC, 3-VPC.
RC 5-12 CSC, 16 DLC, 1-VCC, 1-VPC.
- 28 MESSENGER CABLE, 2#6 (Sig), 2#10 (Ltg), 1#8 (G).
- 29 3"C, 6-VCC, 6-VPC, 3#14 (Ø1), 3#14 (Ø2), 3#14 (Ø4),
 3#14 (Ø5), 3#14 (Ø6), 2#10 (Ltg), 2#6 (Sig), 1#8 (G), 1#12 (N).
- 30 MESSENGER CABLE, 5-VCC, 5-VPC, 3#14 (Ø1), 3#14 (Ø2), 3#14 (Ø4),
 3#14 (Ø5), 3#14 (Ø6), 2#10 (Ltg), 1#8 (G), 1#12 (N).

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans ELECTRICAL DESIGN B
 FUNCTIONAL SUPERVISOR: FERDINAND DE LA CRUZ
 CALCULATED/DESIGNED BY: CHECKED BY:
 LUIS PENALOZA FERDINAND DE LA CRUZ
 REVISED BY: DATE REVISED:

**ELECTRICAL STAGE CONSTRUCTION
(LEGEND AND NOTES)**

E-11



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	SBd	2,138	6.2/6.4, 2.3/R15.2	856	1168

Katherine Dinh 9-05-13
REGISTERED ELECTRICAL ENGINEER DATE

3-3-14
PLANS APPROVAL DATE

No. E17157
Exp. 9-30-15
ELECTRICAL

REGISTERED PROFESSIONAL ENGINEER
KATHERINE DINH
STATE OF CALIFORNIA

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

LEGEND: (CONTINUED)

- 31 EXISTING 4"C, 3-12 CSC, 2#10 (Ltg), 2#8 (FB), 8 DLC, 2-VCC, 2-VPC, 1#8 (G).
RC 2-12 CSC, 2#8 (FB), 8 DLC.
- 32 MESSENGER CABLE, 2-VCC, 2-VPC, 3#14 (Ø2), 3#14 (Ø5), 1#8 (G), 1#12 (N).
- 33 MESSENGER CABLE, 1-VCC, 1-VPC, 3#14 (Ø1), 3#14 (Ø6), 1#8 (G), 2#10 (Ltg), 1#12 (N).
- 34 MESSENGER CABLE, 3-VCC, 3-VPC, 3#14 (Ø2), 3#14 (Ø5), 2#10 (Ltg), 1#8 (G), 1#12 (N).
- 35 MESSENGER CABLE, 3#2 (SERVICE) CONDUCTORS BY SERVICE UTILITY.
- 36 WOOD POLE WITH 120/240 V TYPE A SERVICE.
- 37 EXISTING 2-4"C, 2-12 CSC, 2-EVP CABLE, 4 DLC, 6-VCC, 6-VPC, 2#8 (G), 1#12 (N).
RC 1-12 CSC, 1-EVP, 6-VCC, 6-VPC, 4 DLC.
ADD 8-VCC, 8-VPC, 1-EVP.
- 38 MESSENGER CABLE, 2-VPC, 2-VCC, 3#14 (Ø5), 1#12 (N).
- 39 MESSENGER CABLE, 1-VCC, 1-VPC, 3#14 (Ø6), 1#8 (G), 2#10 (Ltg), 1#12 (N).
- 40 EXISTING 4"C, 1-12 CSC, 2#10 (Ltg), 1-EVP CABLE, 1#8 (G).
ADD 1-VCC, 1-VPC.
- 41 2"C, 1-VCC, 1-VPC.
- 42 MESSENGER CABLE, 2#10 (Ltg), 1-EVP CABLE, 4-VCC, 4-VPC, 1#8 (G), 3#14 (Ø1), 3#14 (Ø6), 3#14 (Ø4), 1#12 (N).
- 43 EXISTING 4"C, 2-12 CSC, 2#10 (Ltg), 4 DLC, 4-VCC, 4-VPC, 1-EVP CABLE, 1#8 (G), 3#14 (Ø1), 3#14 (Ø6), 1#12 (N).
RC 4 DLC, 1-12 CSC, 4-VCC, 4-VPC, 1-EVP.
ADD 5-VCC, 5-VPC, 1-EVP.
- 44 EXISTING 2"C, 2#6 (FB), 2 DLC, 1-EVP CABLE, 4-VCC, 4-VPC, 1#8 (G), 1#12 (N), 3#14 (Ø1), 3#14 (Ø6).
RC 2 DLC, 2#6 (FB), 1-EVP, 4-VCC, 4-VPC.
ADD 5-VCC, 5-VPC, 1-EVP, 3#14 (Ø4).
- 45 2"C, 5-VCC, 5-VPC, 1-EVP CABLE, 3#14 (Ø1), 3#14 (Ø6), 1#8 (G), 2#10 (Ltg), 3#14 (Ø4), 1#12 (N).
- 46 EXISTING 3"C, 2-12 CSC, 2#10 (Ltg), 2#8 (FB), 8 DLC, 1-VCC, 1-VPC, 1#8 (G).
RC 1-12 CSC, 2#8 (FB), 8 DLC.
- 47 INSTALL VIVDS CAMERA ON TEMPORARY WOOD POLE.
- 48 INSTALL VIVDS CAMERA ON TRAFFIC SIGNAL MAST ARM.
- 49 RS PEDESTRIAN PUSH BUTTON AND PEDESTRIAN SIGNAL FACE.
- 50 RS PEDESTRIAN PUSH BUTTON.
- 51 RS CONTROLLER CABINET AND EQUIPMENT AT THE END OF STAGE 1, PHASE B.
- 52 RS SERVICE EQUIPMENT ENCLOSURE AT THE END OF STAGE 1, PHASE B.

GENERAL NOTES:

1. MESSENGER CABLE MUST BE 7 STRAND SPAN WIRE, A MINIMUM VERTICAL CLEARANCE OF 25 FT.
2. OVERHEAD CONDUCTORS MUST BE TIED ON MESSENGER WIRE AT EVERY 3' MAXIMUM WITH SELF-CLINGING NYLON TIES.
3. OVERHEAD ENTRANCE CONDUIT FITTING MUST BE INSTALLED IN SUCH A WAY SO THAT RAINWATER MUST NOT SEEP INTO ELECTRICAL EQUIPMENT THROUGH THE ENTRANCE FITTING. FORM A DRIP LOOP AT ENTRANCE FITTING.
4. ESTABLISH CONTINUOUS GROUND WITH SYSTEM GROUND TO ALL METAL PARTS IN SYSTEM BY BONDING JUMPERS AND CONDUITS.
5. PROVIDE GUY WIRE, GUY GUARDS AND ANCHORS AS REQUIRED. POLE GUY MUST BE INSTALLED AS DIRECTED BY THE ENGINEER.
6. A GROUND ROD MUST BE INSTALLED IN THE PULL BOX ADJACENT TO WOOD POLES AND BOND TO RIGID METAL CONDUIT, UNLESS OTHERWISE NOTED.
7. WOOD POLE MUST BE INSTALLED AWAY FROM THE EDGE OF TRAVEL WAY AS FAR AS POSSIBLE.
8. REFER TO SES SHEETS FOR TEMPORARY WOOD POLES DETAILS.
9. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.
10. WOOD POLE MUST BE PROTECTED FROM TRAFFIC BY MEANS ACCORDING TO CALIFORNIA DEPARTMENT OF TRANSPORTATION HIGHWAY MANUAL.

**ELECTRICAL STAGE CONSTRUCTION
(LEGEND AND NOTES)**

E-12

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® ELECTRICAL DESIGN B
 FUNCTIONAL SUPERVISOR
 FERDINAND DE LA CRUZ
 CALCULATED/DESIGNED BY
 CHECKED BY
 LUIS PENALOZA
 FERDINAND DE LA CRUZ
 REVISED BY
 DATE REVISED



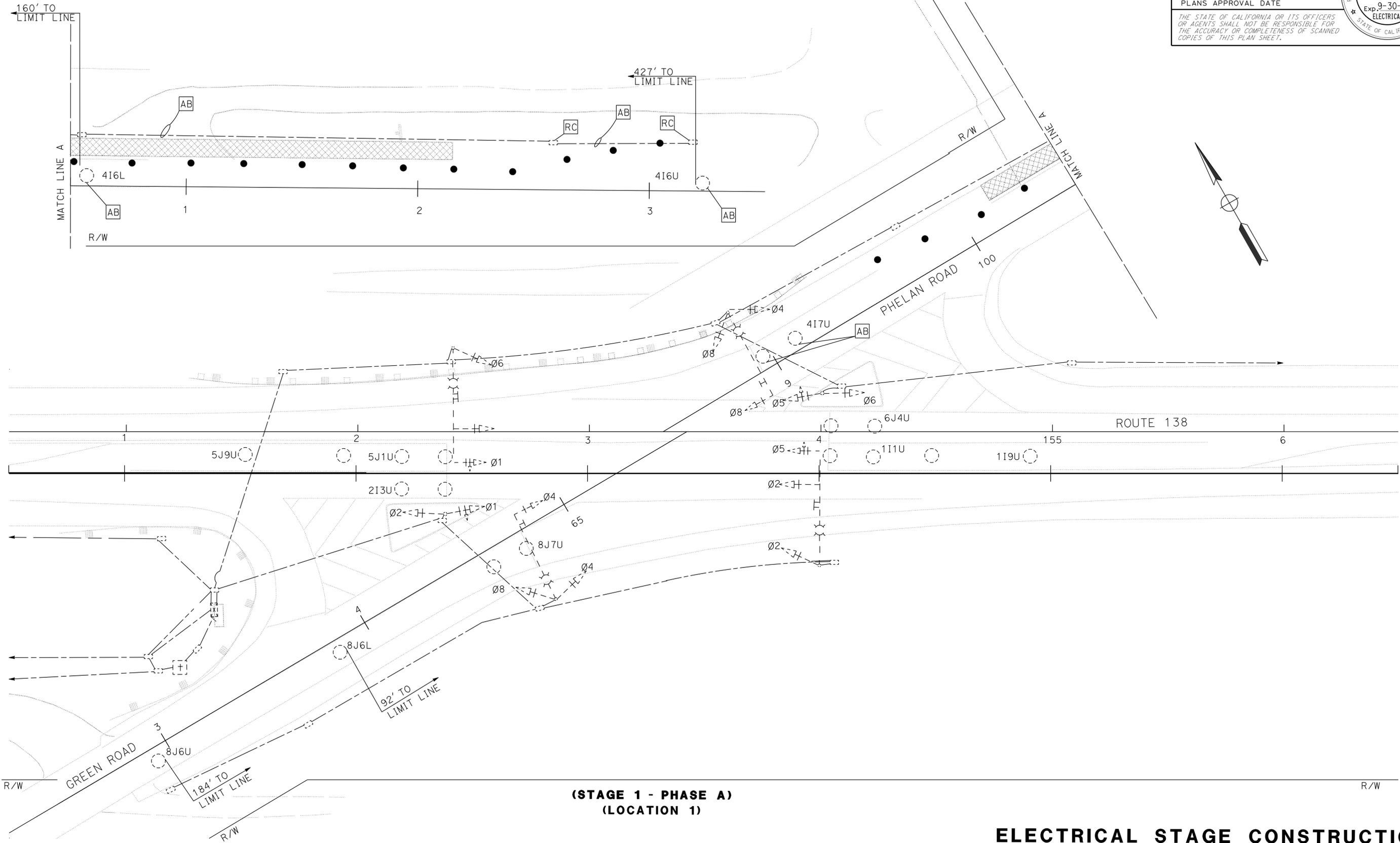
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	SBd	2,138	6.2/6.4, 2.3/R15.2	857	1168

Katherine Dinh 9-05-13
 REGISTERED ELECTRICAL ENGINEER DATE
 3-3-14
 PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
 KATHERINE DINH
 No. E17157
 Exp. 9-30-15
 ELECTRICAL
 STATE OF CALIFORNIA

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NOTE:
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 RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



**(STAGE 1 - PHASE A)
 (LOCATION 1)**

ELECTRICAL STAGE CONSTRUCTION
 SCALE: 1" = 20'
E-13

APPROVED FOR ELECTRICAL WORK ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans ELECTRICAL DESIGN B
 LUIS PENALOZA
 FERDINAND DE LA CRUZ
 FERDINAND DE LA CRUZ
 FERDINAND DE LA CRUZ

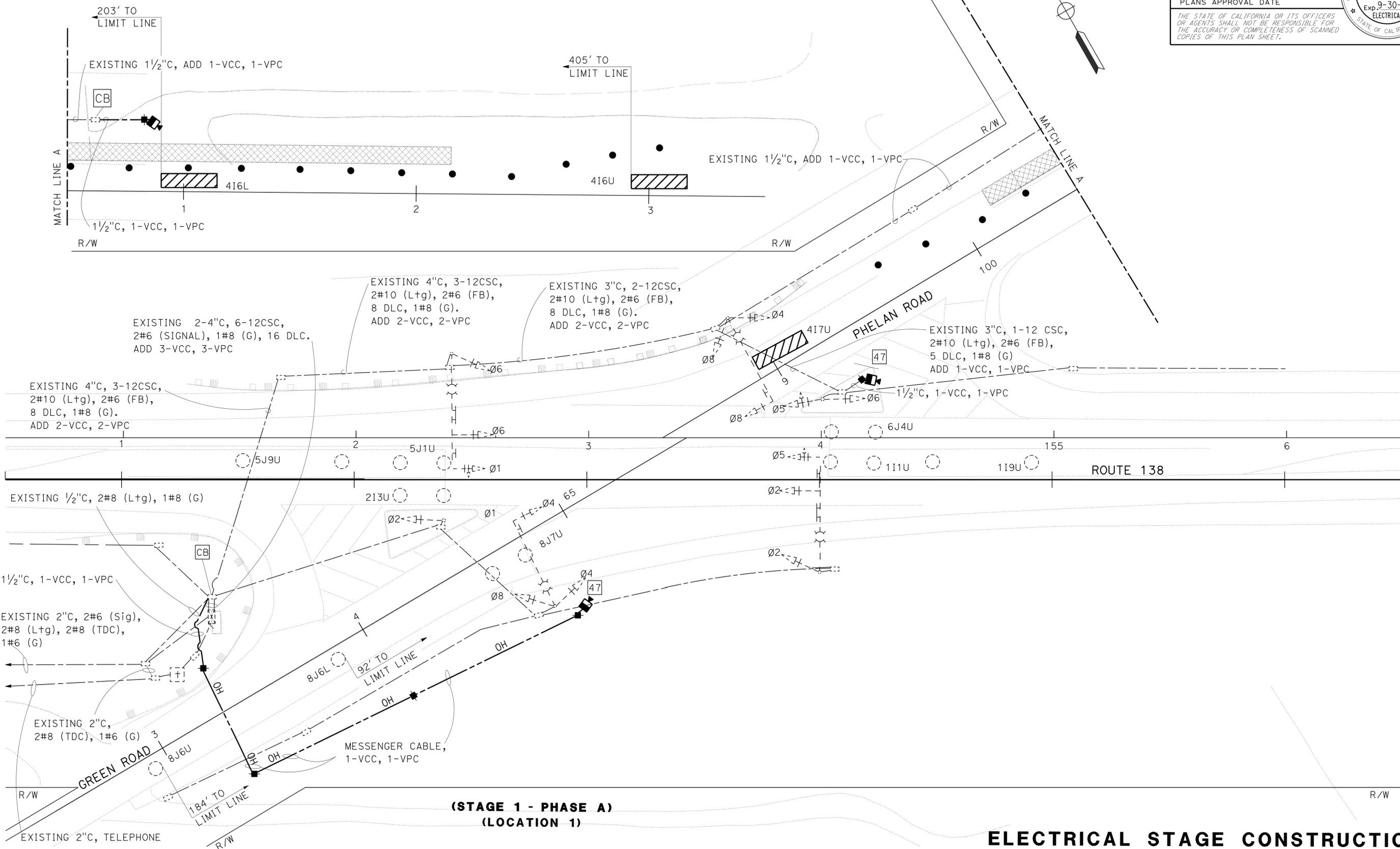
LAST REVISION DATE PLOTTED => 01-MAY-2014
 09-05-13 TIME PLOTTED => 11:31

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	SBd	2,138	6.2/6.4, 2.3/R15.2	863	1168

Katherine Dinh 9-05-13	
REGISTERED ELECTRICAL ENGINEER	DATE
3-3-14	
PLANS APPROVAL DATE	
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NOTES:

- FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.
- WOOD POLES MAY BE REUSED. SEE SHEETS E-43 AND E-44.



(STAGE 1 - PHASE A)
(LOCATION 1)

ELECTRICAL STAGE CONSTRUCTION
SCALE: 1" = 20'
E-19

APPROVED FOR ELECTRICAL WORK ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans ELECTRICAL DESIGN B
 FUNCTIONAL SUPERVISOR: FERDINAND DE LA CRUZ
 CALCULATED/DESIGNED BY: FERDINAND DE LA CRUZ
 CHECKED BY:
 LUIS PENALOZA
 REVISOR: FERDINAND DE LA CRUZ
 DATE REVISOR:



DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	SBd	2,138	6.2/6.4, 2.3/R15.2	864	1168

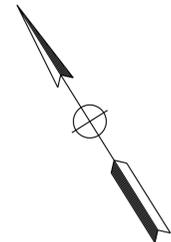
<i>Katherine Dinh</i>	9-05-13
REGISTERED ELECTRICAL ENGINEER	DATE
3-3-14	
PLANS APPROVAL DATE	

REGISTERED PROFESSIONAL ENGINEER
KATHERINE DINH
No. E17157
Exp. 9-30-15
ELECTRICAL
STATE OF CALIFORNIA

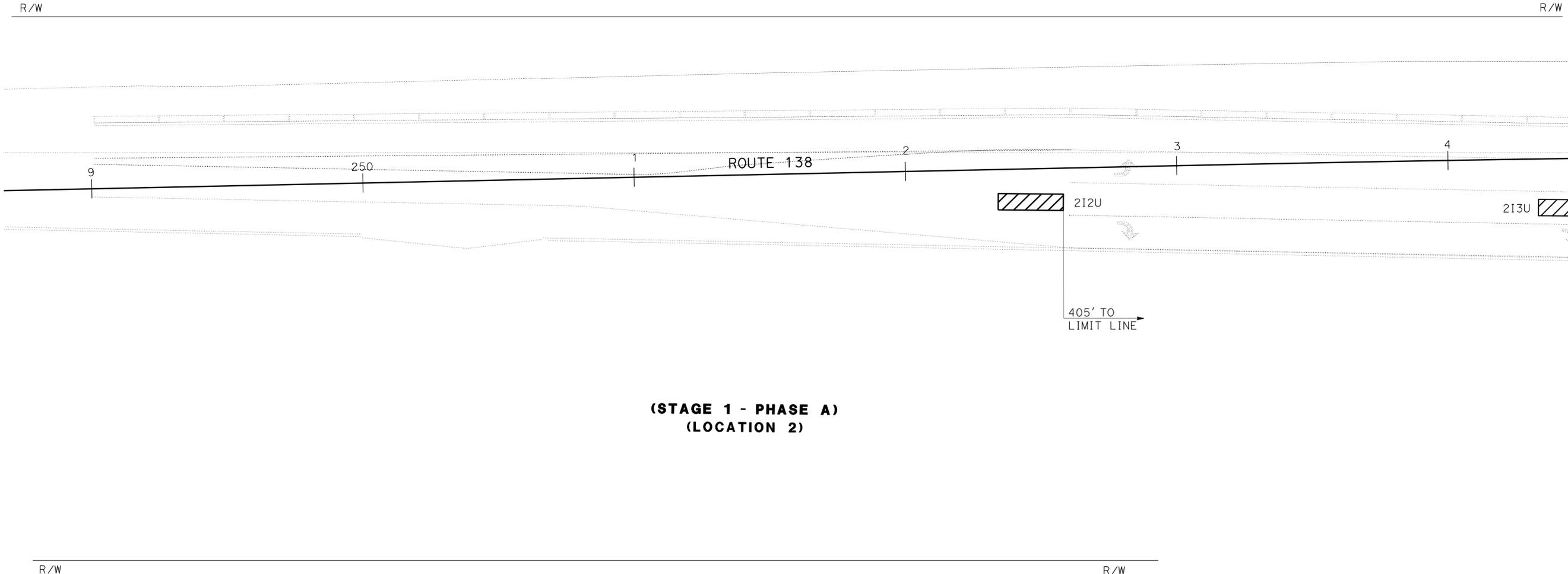
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

NOTE:

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



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans ELECTRICAL DESIGN B
FUNCTIONAL SUPERVISOR FERDINAND DE LA CRUZ
CALCULATED/DESIGNED BY CHECKED BY
LUIS PENALOZA FERDINAND DE LA CRUZ
REVISED BY DATE REVISED



**(STAGE 1 - PHASE A)
(LOCATION 2)**

ELECTRICAL STAGE CONSTRUCTION
SCALE: 1" = 20'
E-20

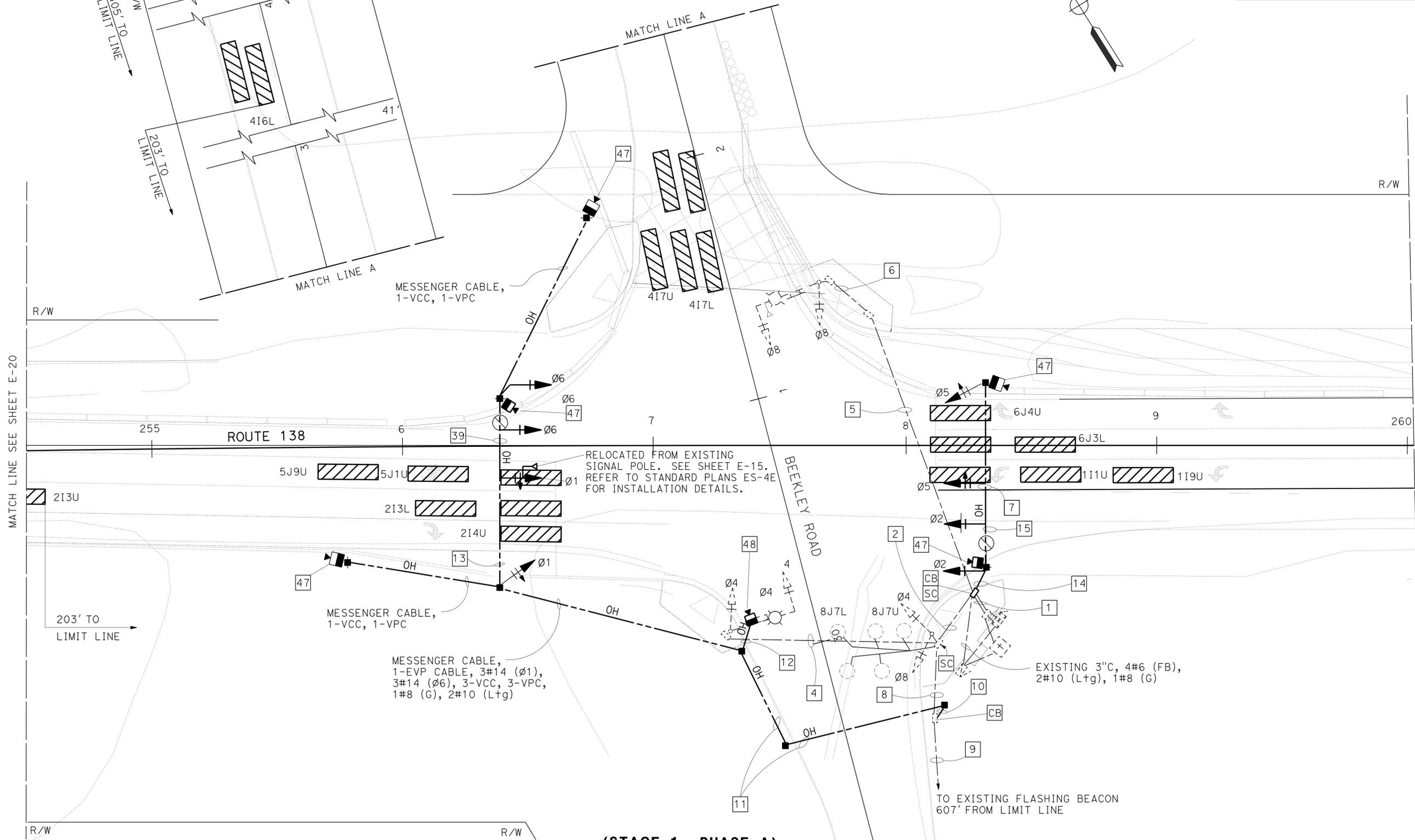
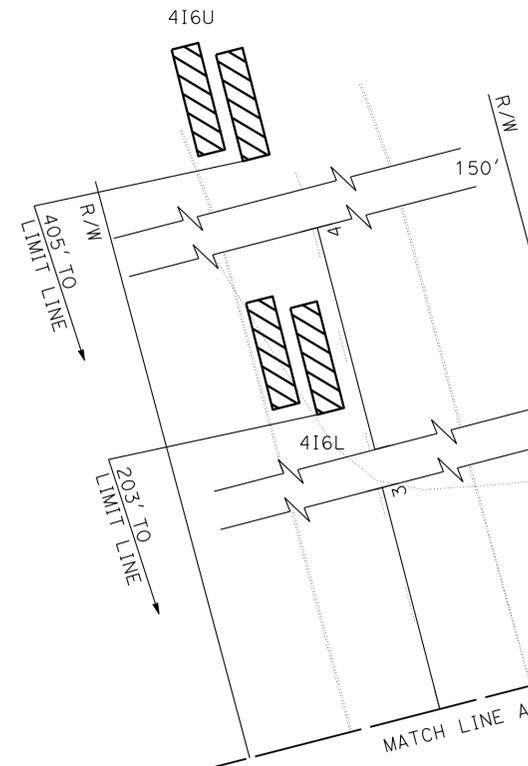
APPROVED FOR ELECTRICAL WORK ONLY

LAST REVISION DATE PLOTTED => 01-MAY-2014
09-05-13 TIME PLOTTED => 11:31

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	SBd	2,138	6.2/6.4, 2.3/R15.2	865	1168
Katherine Dinh		9-05-13		REGISTERED ELECTRICAL ENGINEER DATE	
3-3-14		PLANS APPROVAL DATE			
<small>THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.</small>					

NOTES:

1. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.
2. WOOD WILL BE RELOCATED ACCORDINGLY. SEE SHEET E-46.



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans ELECTRICAL DESIGN B
 FUNCTIONAL SUPERVISOR: FERDINAND DE LA CRUZ
 CHECKED BY: FERDINAND DE LA CRUZ
 REVISIONS: LUIS PENALOZA, FERDINAND DE LA CRUZ
 REVISOR: LUIS PENALOZA, FERDINAND DE LA CRUZ
 DATE: 7/2/2010

(STAGE 1 - PHASE A)
(LOCATION 2)

ELECTRICAL STAGE CONSTRUCTION
SCALE: 1" = 20'
E-21

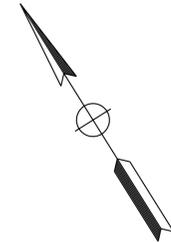
APPROVED FOR ELECTRICAL WORK ONLY

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	SBd	2,138	6.2/6.4, 2.3/R15.2	866	1168

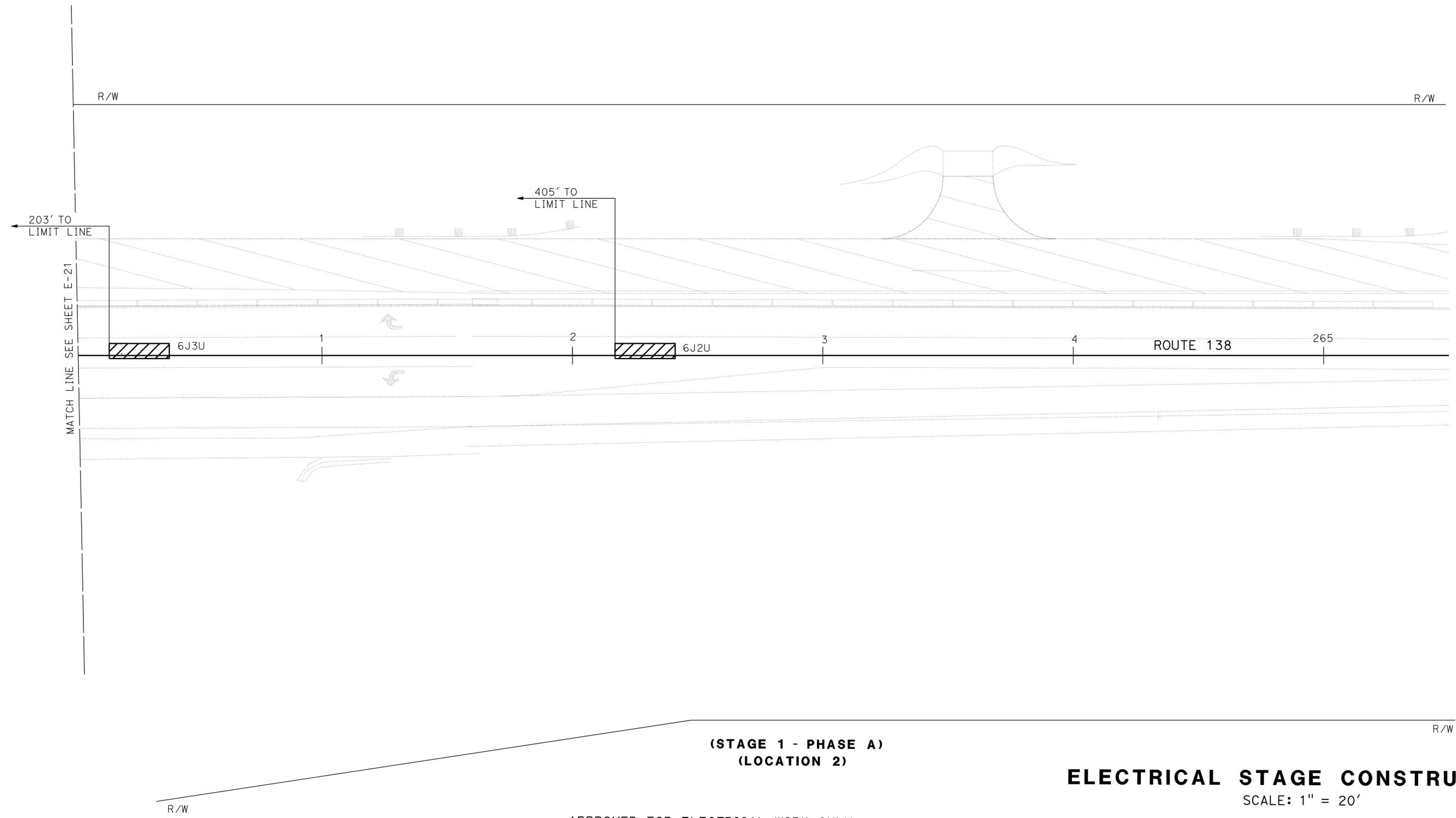
Katherine Dinh 9-05-13
 REGISTERED ELECTRICAL ENGINEER DATE
 3-3-14
 PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
 KATHERINE DINH
 No. E17157
 Exp. 9-30-15
 ELECTRICAL
 STATE OF CALIFORNIA

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STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	FUNCTIONAL SUPERVISOR	CALCULATED/DESIGNED BY	REVISOR
Caltrans ELECTRICAL DESIGN B	Ferdinand de la Cruz	Ferdinand de la Cruz	Luis Penaloza
		CHECKED BY	DATE REVISED



(STAGE 1 - PHASE A)
(LOCATION 2)

ELECTRICAL STAGE CONSTRUCTION

SCALE: 1" = 20'

E-22

APPROVED FOR ELECTRICAL WORK ONLY

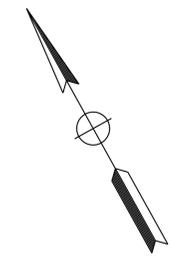
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	SBd	2,138	6.2/6.4, 2.3/R15.2	867	1168

Katherine Dinh 9-05-13
 REGISTERED ELECTRICAL ENGINEER DATE
 3-3-14
 PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
 KATHERINE DINH
 No. E17157
 Exp. 9-30-15
 ELECTRICAL
 STATE OF CALIFORNIA

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



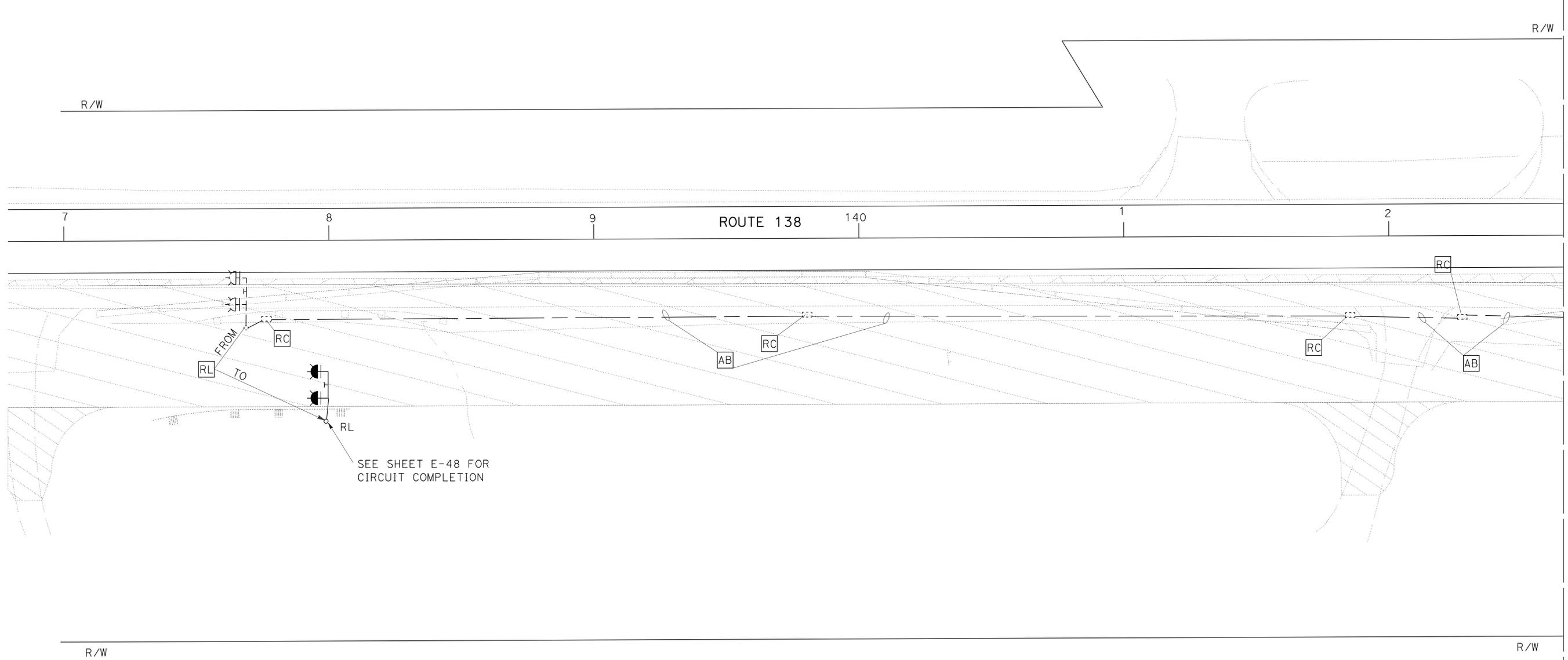
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans ELECTRICAL DESIGN B

FUNCTIONAL SUPERVISOR
 FERDINAND DE LA CRUZ

CALCULATED/
 DESIGNED BY
 CHECKED BY

LUIS PENALOZA
 FERDINAND DE LA CRUZ

REVISED BY
 DATE REVISED



(STAGE 1 - PHASE B)
 (LOCATION 1)

ELECTRICAL STAGE CONSTRUCTION
 SCALE: 1" = 20'
E-23

APPROVED FOR ELECTRICAL WORK ONLY

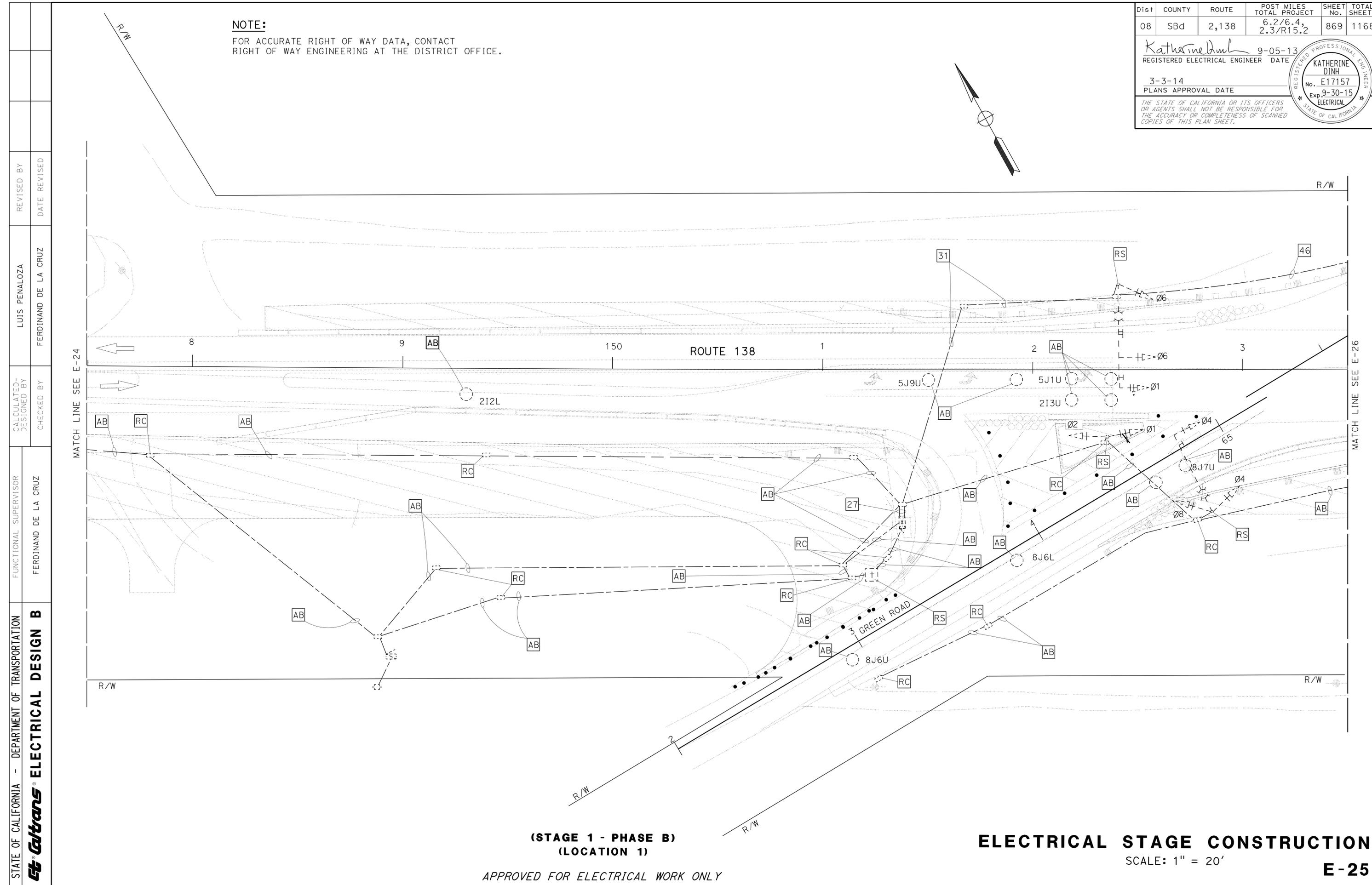
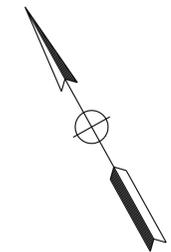
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	SBd	2,138	6.2/6.4, 2.3/R15.2	869	1168

Katherine Dinh 9-05-13
 REGISTERED ELECTRICAL ENGINEER DATE
 3-3-14
 PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
 KATHERINE DINH
 No. E17157
 Exp. 9-30-15
 ELECTRICAL
 STATE OF CALIFORNIA

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NOTE:
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STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	FUNCTIONAL SUPERVISOR	CALCULATED/DESIGNED BY	REVISOR
Caltrans ELECTRICAL DESIGN B	Ferdinand de la Cruz	Ferdinand de la Cruz	Luis Penaloza
		CHECKED BY	DATE REVISED

**(STAGE 1 - PHASE B)
 (LOCATION 1)**
 APPROVED FOR ELECTRICAL WORK ONLY

ELECTRICAL STAGE CONSTRUCTION
 SCALE: 1" = 20'
E-25

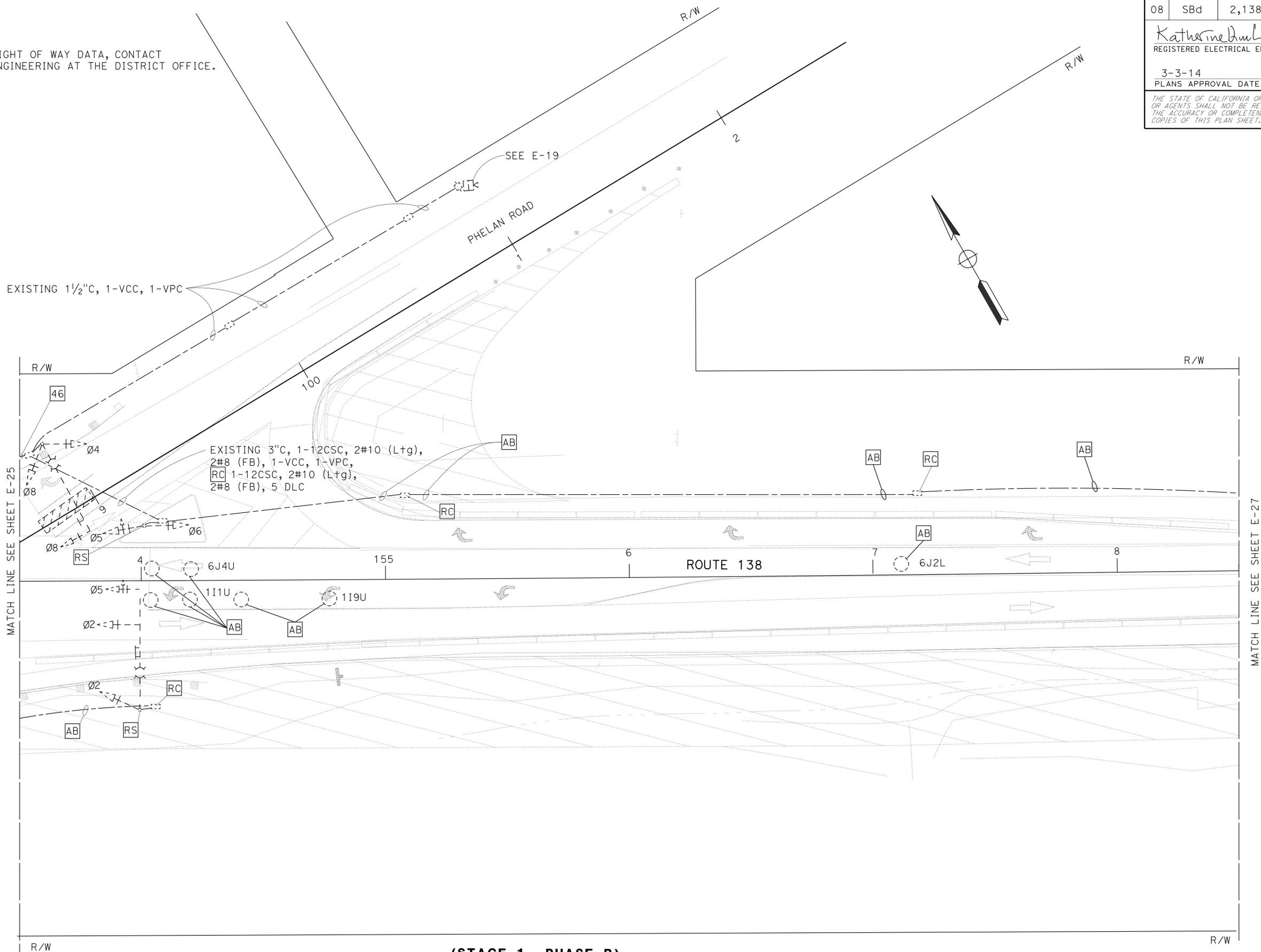
LAST REVISION | DATE PLOTTED => 01-MAY-2014 | 09-05-13 | TIME PLOTTED => 11:32

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	SBd	2,138	6.2/6.4, 2.3/R15.2	870	1168

Katherine Dinh 9-05-13
 REGISTERED ELECTRICAL ENGINEER DATE
 3-3-14
 PLANS APPROVAL DATE
 THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

REGISTERED PROFESSIONAL ENGINEER
KATHERINE DINH
 No. E17157
 Exp. 9-30-15
 ELECTRICAL
 STATE OF CALIFORNIA

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



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	FUNCTIONAL SUPERVISOR	REVISOR	DATE
Caltrans ELECTRICAL DESIGN B	FERNINAND DE LA CRUZ	LUIS PENALOZA	
	FERNINAND DE LA CRUZ	FERDINAND DE LA CRUZ	
	CHECKED BY	DATE	REVISED BY

(STAGE 1 - PHASE B)
(LOCATION 2)

ELECTRICAL STAGE CONSTRUCTION
SCALE: 1" = 20'
E-26

APPROVED FOR ELECTRICAL WORK ONLY

LAST REVISION | DATE PLOTTED => 01-MAY-2014 | TIME PLOTTED => 11:32
 09-05-13

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® ELECTRICAL DESIGN B

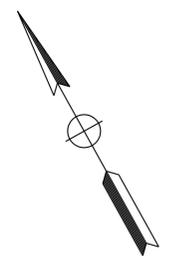
FUNCTIONAL SUPERVISOR
 FERDINAND DE LA CRUZ

CALCULATED/DESIGNED BY
 CHECKED BY

LUIS PENALOZA
 FERDINAND DE LA CRUZ

REVISED BY
 DATE REVISED

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



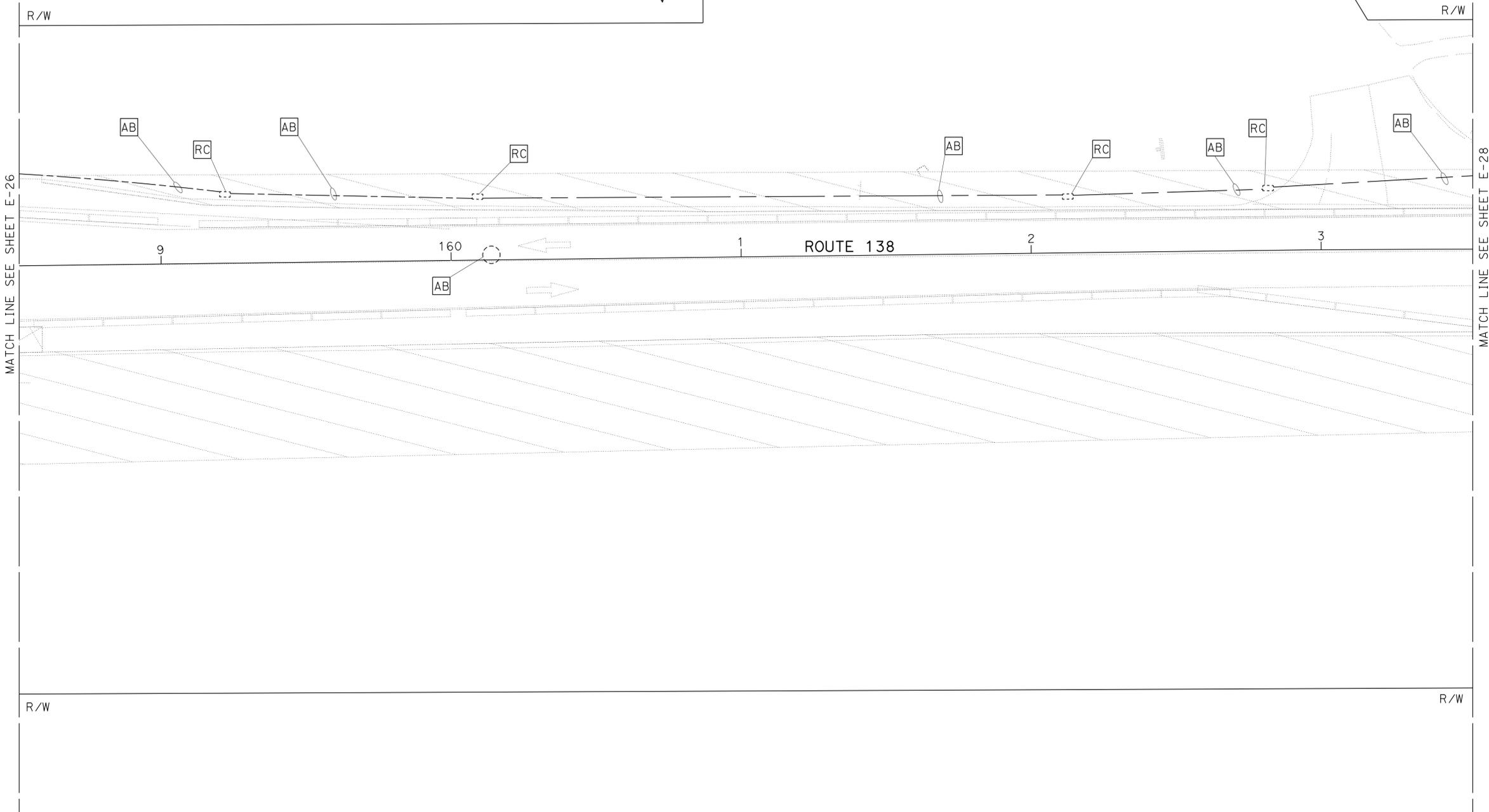
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	SBd	2,138	6.2/6.4, 2.3/R15.2	871	1168

Katherine Dinh 9-05-13
 REGISTERED ELECTRICAL ENGINEER DATE

3-3-14
 PLANS APPROVAL DATE

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REGISTERED PROFESSIONAL ENGINEER
 KATHERINE DINH
 No. E17157
 Exp. 9-30-15
 ELECTRICAL
 STATE OF CALIFORNIA



(STAGE 1 - PHASE B)
(LOCATION 1)

APPROVED FOR ELECTRICAL WORK ONLY

ELECTRICAL STAGE CONSTRUCTION
 SCALE: 1" = 20'
E-27

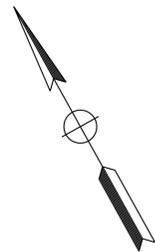
LAST REVISION DATE PLOTTED => 01-MAY-2014 09-05-13 TIME PLOTTED => 11:32

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	SBd	2,138	6.2/6.4, 2.3/R15.2	874	1168

Katherine Dinh 9-05-13
 REGISTERED ELECTRICAL ENGINEER DATE
 3-3-14
 PLANS APPROVAL DATE

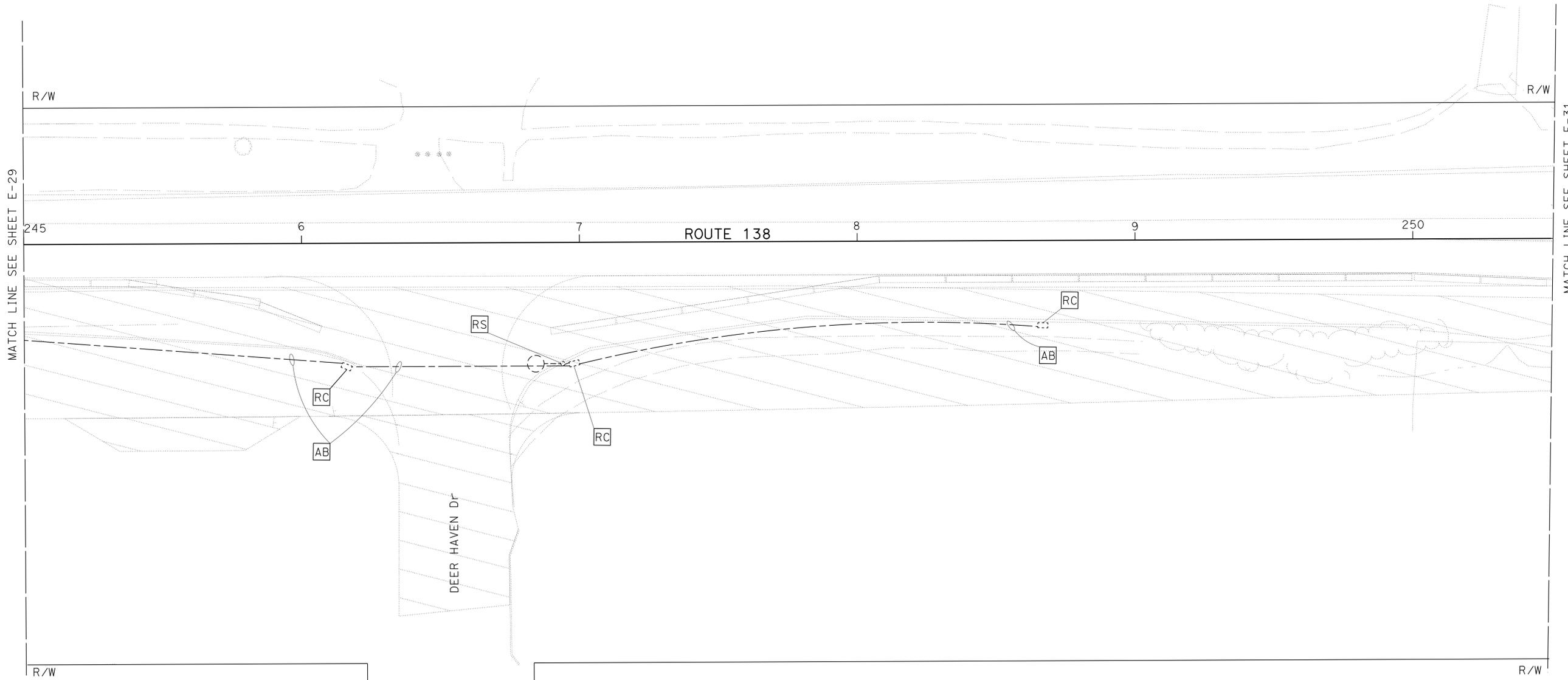
REGISTERED PROFESSIONAL ENGINEER
 KATHERINE DINH
 No. E17157
 Exp. 9-30-15
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Caltrans ELECTRICAL DESIGN B	Ferdinand de la Cruz	Ferdinand de la Cruz	Luis Penaloza
		CHECKED BY	DATE REVISED



**(STAGE 1 - PHASE B)
 (LOCATION 2)**

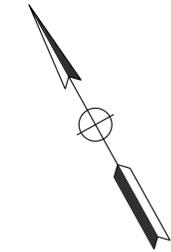
ELECTRICAL STAGE CONSTRUCTION

APPROVED FOR ELECTRICAL WORK ONLY

SCALE: 1" = 20' **E-30**

LAST REVISION DATE PLOTTED => 01-MAY-2014 09-05-13 TIME PLOTTED => 11:32

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	SBd	2,138	6.2/6.4, 2.3/R15.2	875	1168
Katherine Dinh			9-05-13		
REGISTERED ELECTRICAL ENGINEER			DATE		
3-3-14					
PLANS APPROVAL DATE					
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NOTE:

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STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	FUNCTIONAL SUPERVISOR	CALCULATED/DESIGNED BY	LUIS PENALOZA	REVISED BY	
Caltrans ELECTRICAL DESIGN B	FERNINAND DE LA CRUZ	CHECKED BY	FERNINAND DE LA CRUZ	DATE REVISED	



**(STAGE 1 - PHASE B)
(LOCATION 2)**

ELECTRICAL STAGE CONSTRUCTION
E-31

APPROVED FOR ELECTRICAL WORK ONLY

SCALE: 1" = 20'

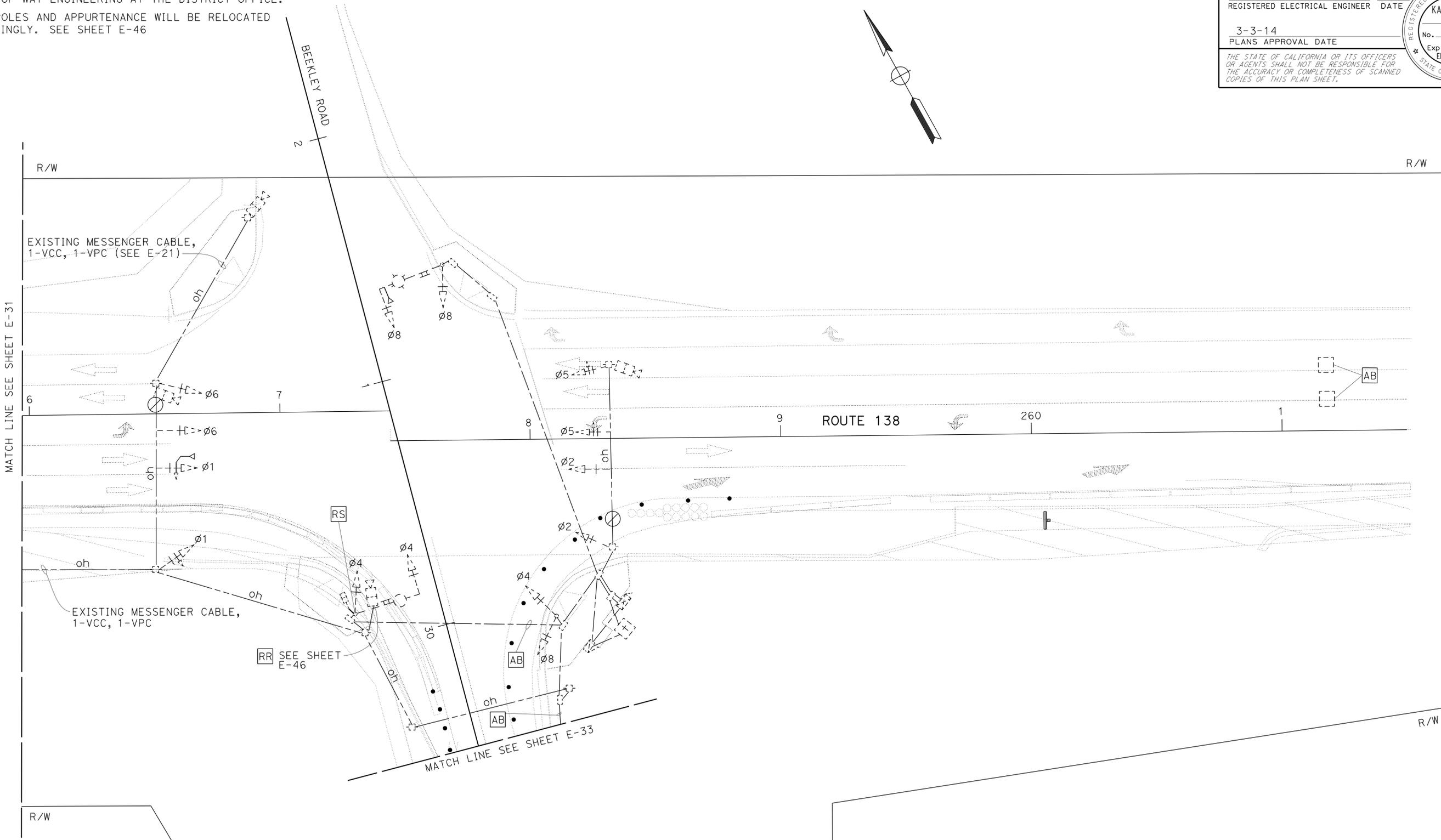
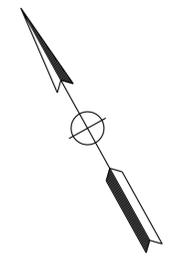
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	SBd	2,138	6.2/6.4, 2.3/R15.2	876	1168

Katherine Dinh 9-05-13
 REGISTERED ELECTRICAL ENGINEER DATE
 3-3-14
 PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
 KATHERINE DINH
 No. E17157
 Exp. 9-30-15
 ELECTRICAL
 STATE OF CALIFORNIA

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- NOTES:**
- FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.
 - WOOD POLES AND APPURTENANCE WILL BE RELOCATED ACCORDINGLY. SEE SHEET E-46



(LOCATION 2)
(STAGE 2 - PHASE B)

APPROVED FOR ELECTRICAL WORK ONLY

ELECTRICAL STAGE CONSTRUCTION
E-32

SCALE: 1" = 20'

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans ELECTRICAL DESIGN B

REVISOR BY DATE

LUIS PENALOZA
FERDINAND DE LA CRUZ

CALCULATED/DESIGNED BY
CHECKED BY

FUNCTIONAL SUPERVISOR
FERDINAND DE LA CRUZ

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	SBd	2,138	6.2/6.4, 2.3/R15.2	877	1168

Katherine Dinh 9-05-13
 REGISTERED ELECTRICAL ENGINEER DATE

3-3-14
 PLANS APPROVAL DATE

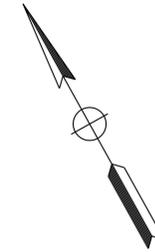
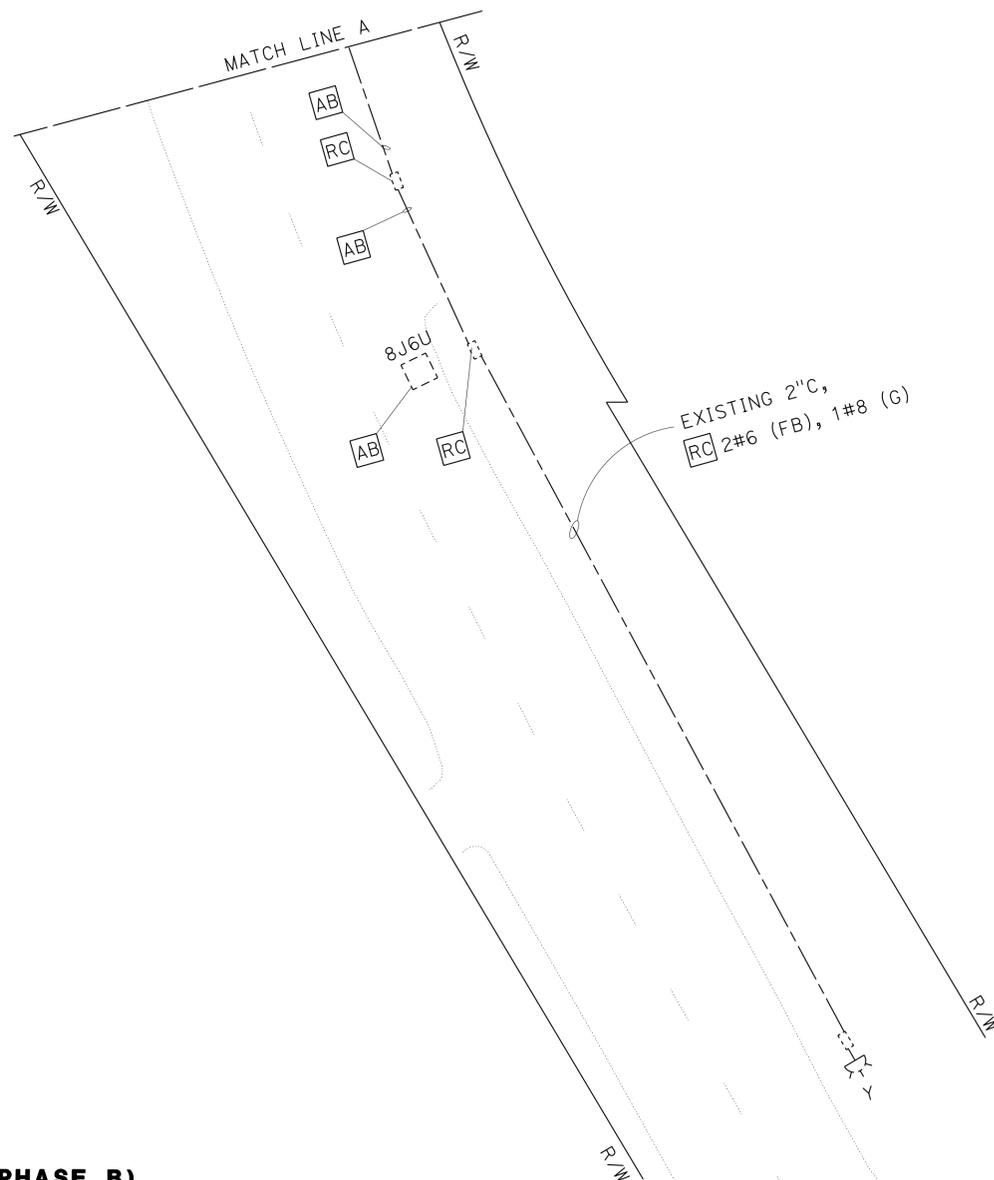
THE STATE OF CALIFORNIA OR ITS OFFICERS
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REGISTERED PROFESSIONAL ENGINEER
 KATHERINE DINH
 No. E17157
 Exp. 9-30-15
 ELECTRICAL
 STATE OF CALIFORNIA

NOTES:

- FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.
- SEE SHEET E-61 FOR PROPOSED ELECTRICAL WORK.

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	FUNCTIONAL SUPERVISOR	CALCULATED/DESIGNED BY	REVISOR
Caltrans ELECTRICAL DESIGN B	Ferdinand de la Cruz	Ferdinand de la Cruz	Luis Penaloza
		CHECKED BY	DATE REVISED



**(STAGE 1 - PHASE B)
(LOCATION 2)**

APPROVED FOR ELECTRICAL WORK ONLY

**ELECTRICAL STAGE CONSTRUCTION
E-33**

SCALE: 1" = 20'

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	SBd	2,138	6.2/6.4, 2.3/R15.2	878	1168

Katherine Dinh 9-05-13
 REGISTERED ELECTRICAL ENGINEER DATE
 3-3-14
 PLANS APPROVAL DATE

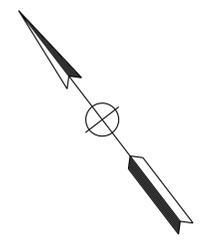
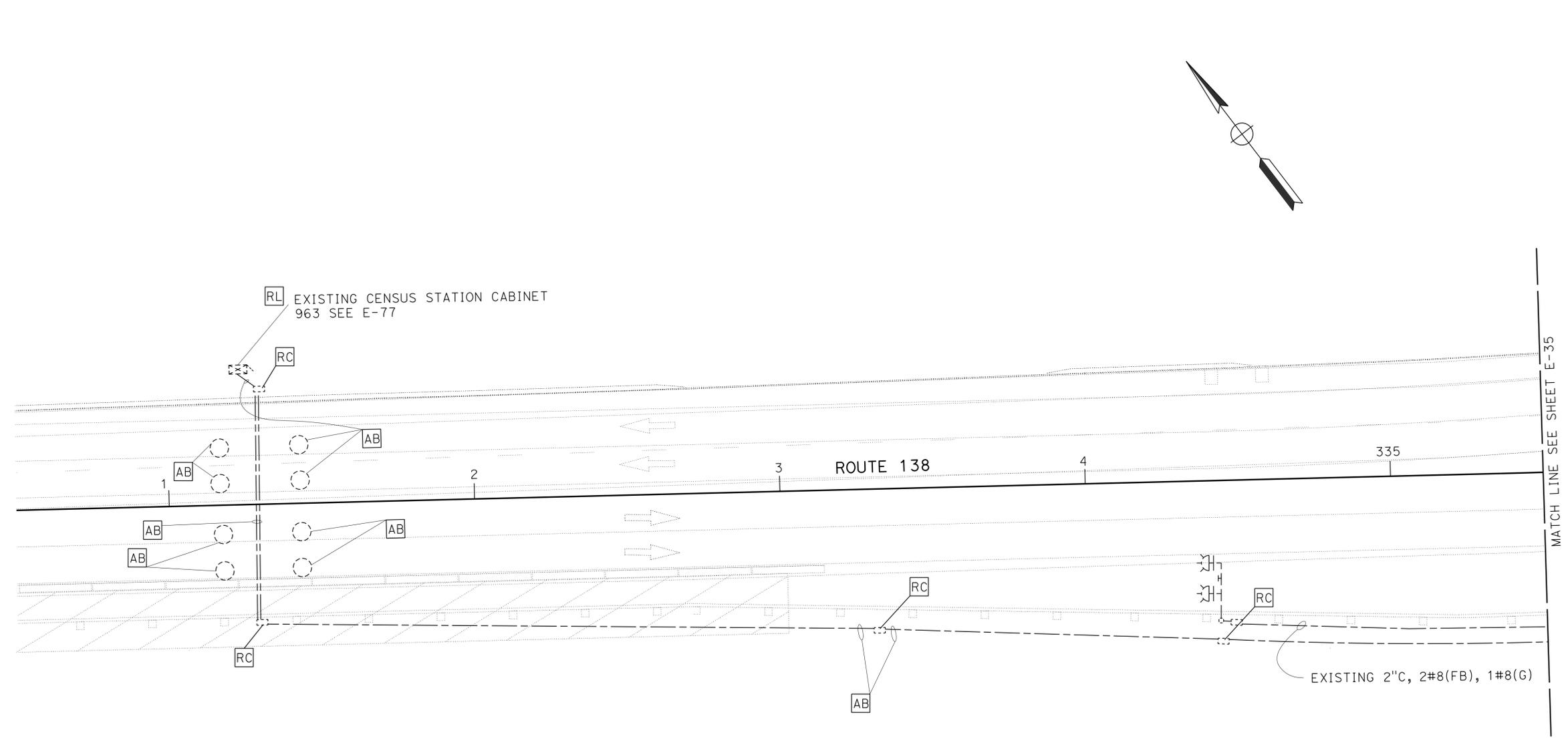
REGISTERED PROFESSIONAL ENGINEER
 KATHERINE DINH
 No. E17157
 Exp. 9-30-15
 ELECTRICAL
 STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS
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 COPIES OF THIS PLAN SHEET.

R/W

NOTE:

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



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans ELECTRICAL DESIGN B
 FUNCTIONAL SUPERVISOR
 FERDINAND DE LA CRUZ
 CALCULATED/DESIGNED BY
 CHECKED BY
 LUIS PENALOZA
 FERDINAND DE LA CRUZ
 REVISED BY
 DATE REVISED

**TRAFFIC MONITORING STATION
(COUNT)
(STAGE 1 - PHASE B)**

ELECTRICAL STAGE CONSTRUCTION

APPROVED FOR ELECTRICAL WORK ONLY

SCALE: 1" = 20'

E-34

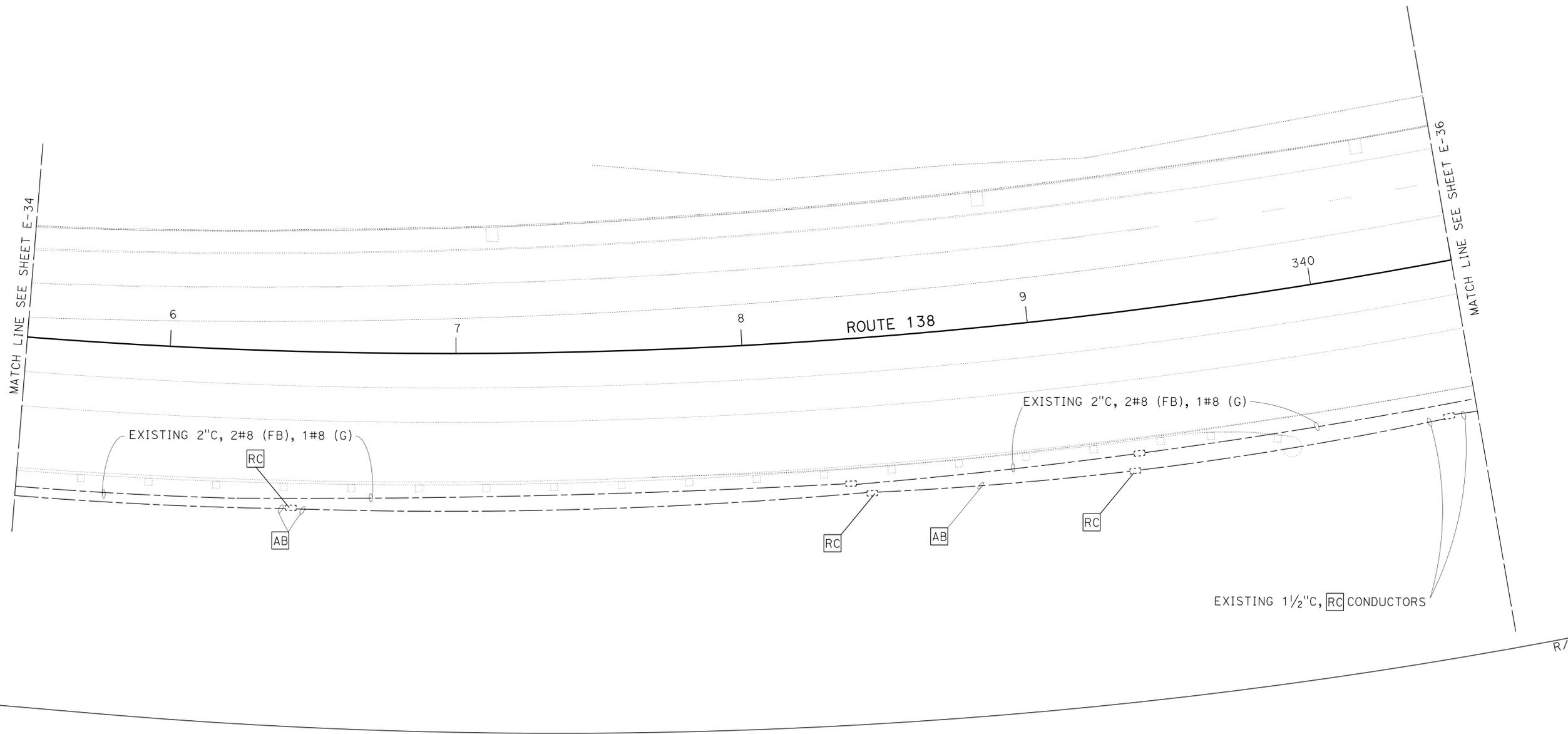
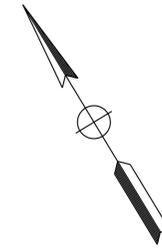
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	SBd	2,138	6.2/6.4, 2.3/R15.2	879	1168

Katherine Dinh 9-05-13
 REGISTERED ELECTRICAL ENGINEER DATE
 3-3-14
 PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
 KATHERINE DINH
 No. E17157
 Exp. 9-30-15
 ELECTRICAL
 STATE OF CALIFORNIA

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



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	FUNCTIONAL SUPERVISOR	CALCULATED/DESIGNED BY	REVISOR
Caltrans ELECTRICAL DESIGN B	FERDINAND DE LA CRUZ	CHECKED BY	DATE
			REVISED BY
			DATE
			REVISOR
			DATE

(STAGE 1-PHASE B)
 (LOCATION 3)

ELECTRICAL STAGE CONSTRUCTION
E-35

APPROVED FOR ELECTRICAL WORK ONLY

SCALE: 1" = 20'

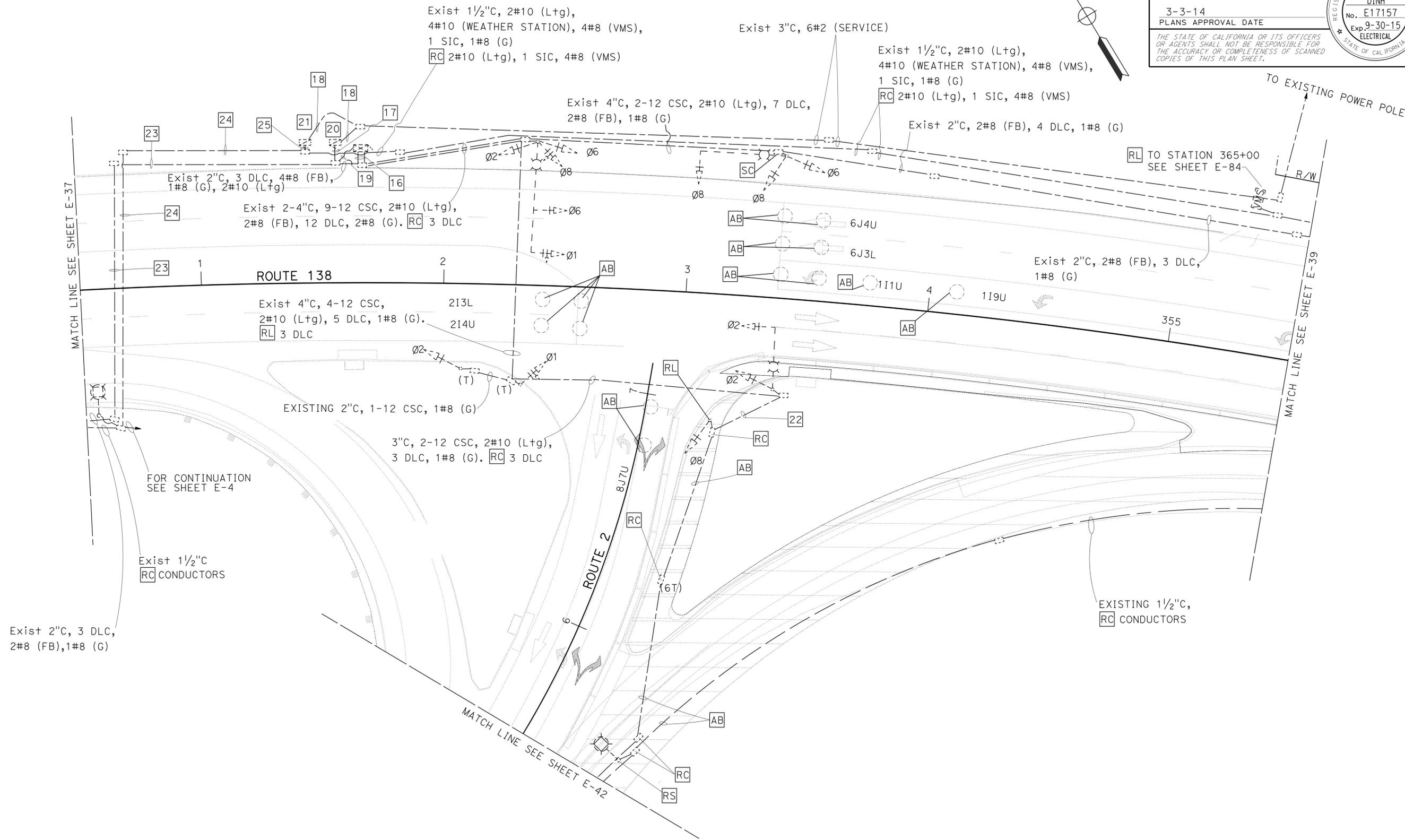


Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	SBd	2,138	6.2/6.4, 2.3/R15.2	882	1168

Katherine Dinh 9-05-13
 REGISTERED ELECTRICAL ENGINEER DATE
 3-3-14
 PLANS APPROVAL DATE
 THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

REGISTERED PROFESSIONAL ENGINEER
KATHERINE DINH
 No. E17157
 Exp. 9-30-15
 ELECTRICAL
 STATE OF CALIFORNIA

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



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	FUNCTIONAL SUPERVISOR	CALCULATED/DESIGNED BY	REVISOR
Caltrans ELECTRICAL DESIGN B	FERNINAND DE LA CRUZ	FERNINAND DE LA CRUZ	LUIS PENALOZA
		CHECKED BY	DATE REVISED

**(STAGE 1-PHASE B)
 (LOCATION 3)**

APPROVED FOR ELECTRICAL WORK ONLY

ELECTRICAL STAGE CONSTRUCTION
E-38

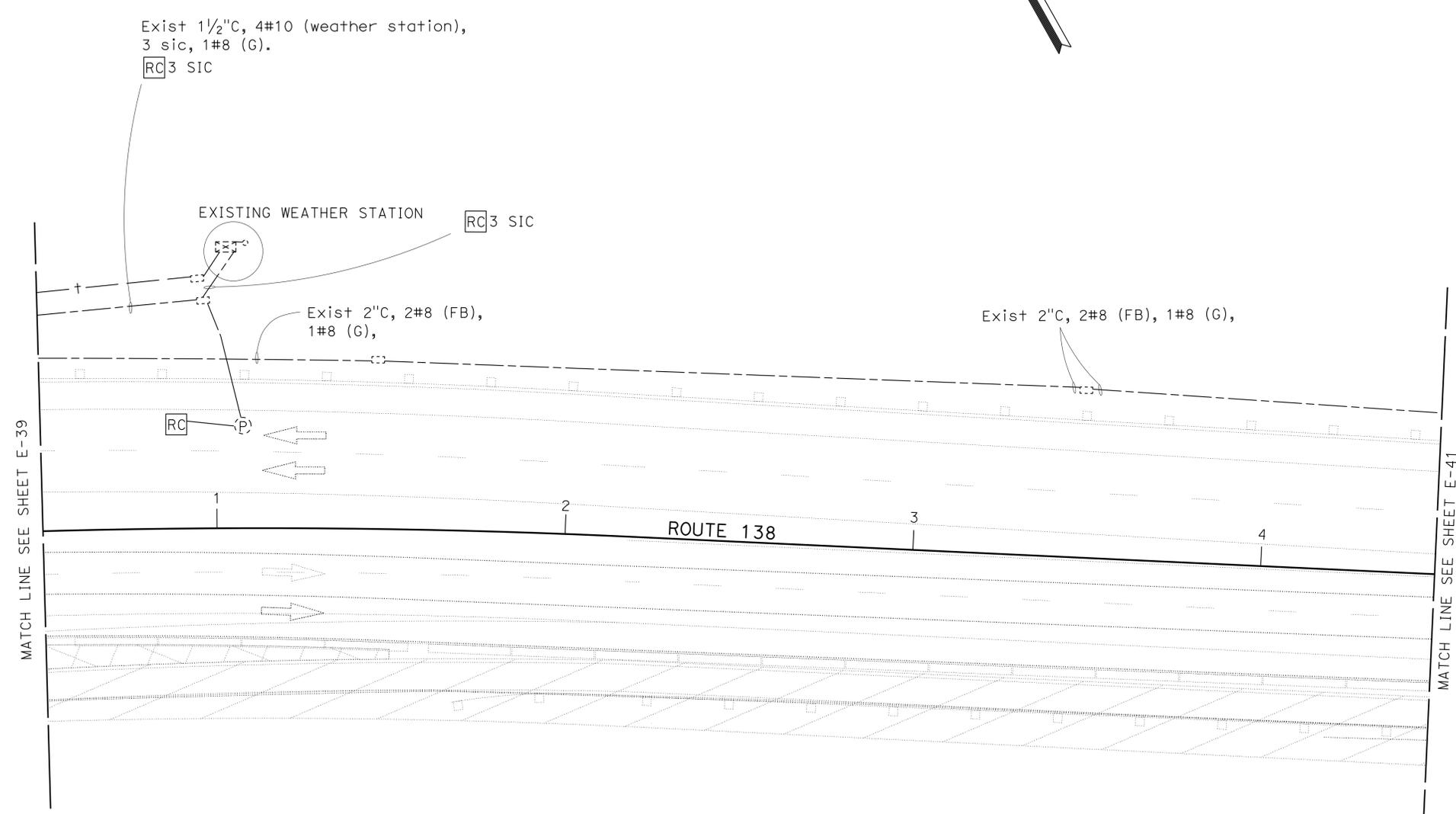
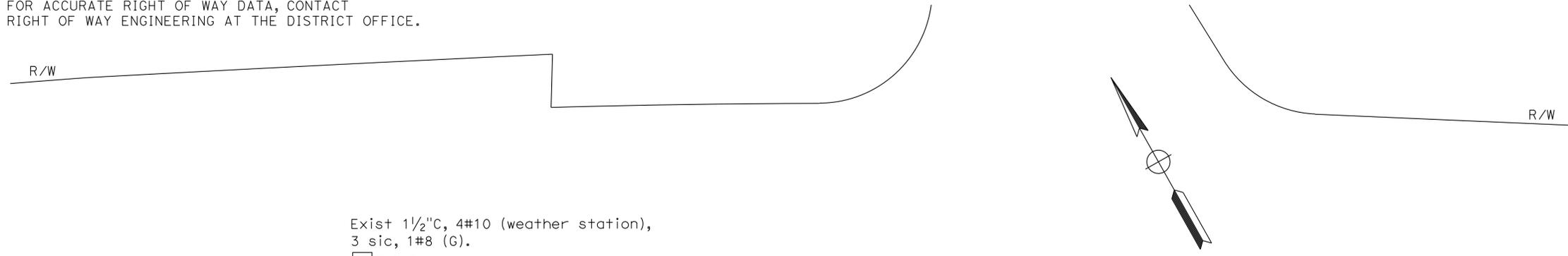
SCALE: 1" = 20'

LAST REVISION DATE PLOTTED => 01-MAY-2014 09-05-13 TIME PLOTTED => 11:33

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	SBd	2,138	6.2/6.4, 2.3/R15.2	884	1168

Katherine Dinh 9-05-13
 REGISTERED ELECTRICAL ENGINEER DATE
 3-3-14
 PLANS APPROVAL DATE
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NOTE:
 FOR ACCURATE RIGHT OF WAY DATA, CONTACT
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STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	FUNCTIONAL SUPERVISOR	CALCULATED/DESIGNED BY	REVISOR	DATE
Caltrans ELECTRICAL DESIGN B	FERNINAND DE LA CRUZ	CHECKED BY	LUIS PENALOZA	3-3-14
			FERNINAND DE LA CRUZ	

**MODIFY SIGNAL AND LIGHTING
 (LOCATION 3)
 (STAGE 1-PHASE B)**

**ELECTRICAL STAGE CONSTRUCTION
 SCALE: 1" = 20'
 E-40**

APPROVED FOR ELECTRICAL WORK ONLY

LAST REVISION DATE PLOTTED => 01-MAY-2014
 08-29-13 TIME PLOTTED => 11:33

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	SBd	2,138	6.2/6.4, 2.3/R15.2	887	1168

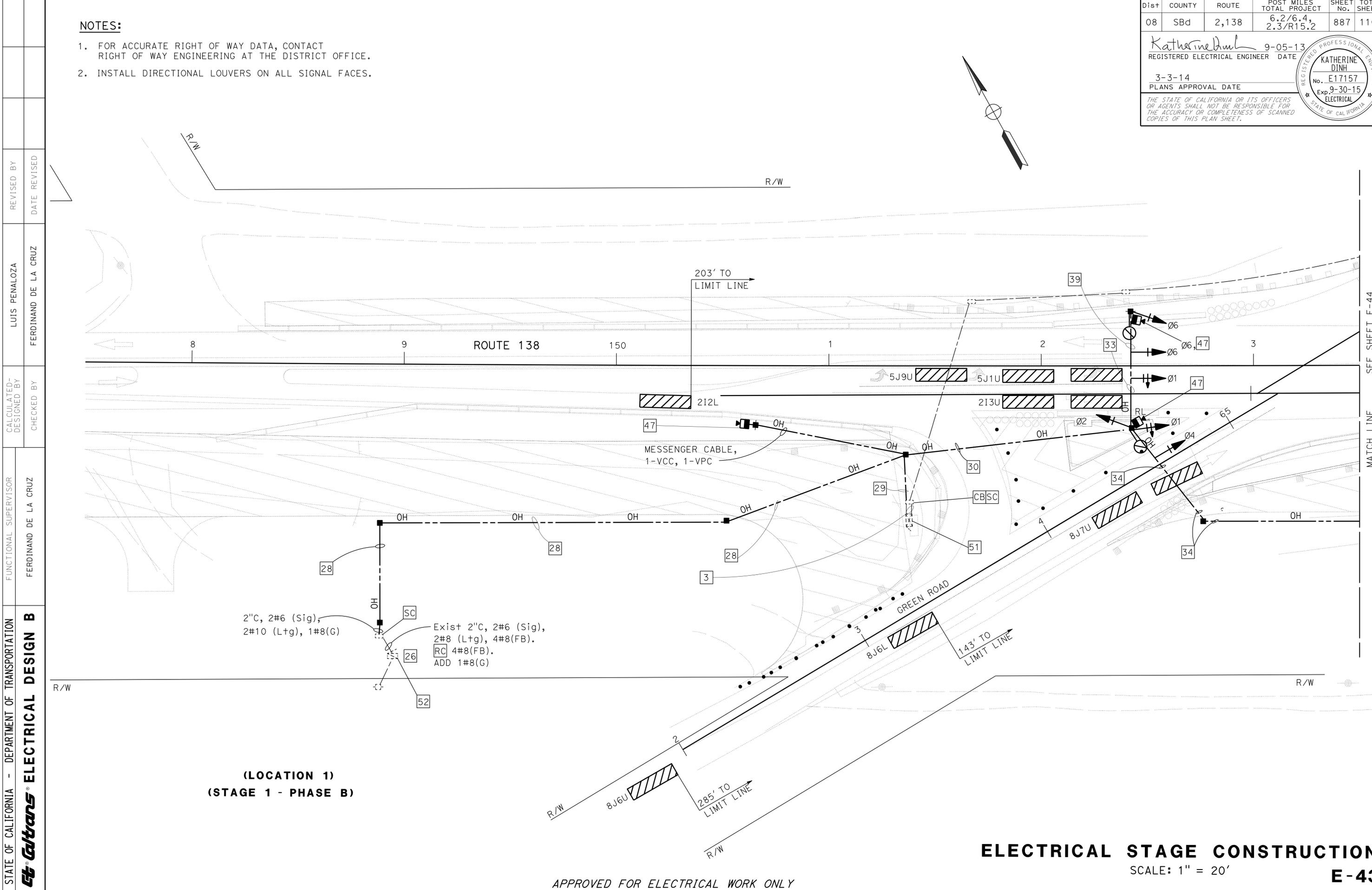
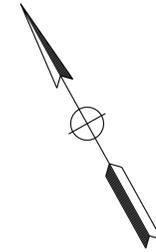
Katherine Dinh 9-05-13
 REGISTERED ELECTRICAL ENGINEER DATE
 3-3-14
 PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
 KATHERINE DINH
 No. E17157
 Exp. 9-30-15
 ELECTRICAL
 STATE OF CALIFORNIA

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NOTES:

- FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.
- INSTALL DIRECTIONAL LOUVERS ON ALL SIGNAL FACES.



(LOCATION 1)
(STAGE 1 - PHASE B)

ELECTRICAL STAGE CONSTRUCTION
SCALE: 1" = 20'
E-43

APPROVED FOR ELECTRICAL WORK ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans ELECTRICAL DESIGN B
 FUNCTIONAL SUPERVISOR: FERDINAND DE LA CRUZ
 CALCULATED/DESIGNED BY: FERDINAND DE LA CRUZ
 CHECKED BY: LUIS PENALOZA
 REVISIONS: REVISOR: DATE: REVISIONS: DATE:

SEE SHEET E-44
 MATCH LINE
 LAST REVISION: DATE PLOTTED => 01-MAY-2014
 09-05-13 TIME PLOTTED => 11:33

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	SBd	2,138	6.2/6.4, 2.3/R15.2	888	1168

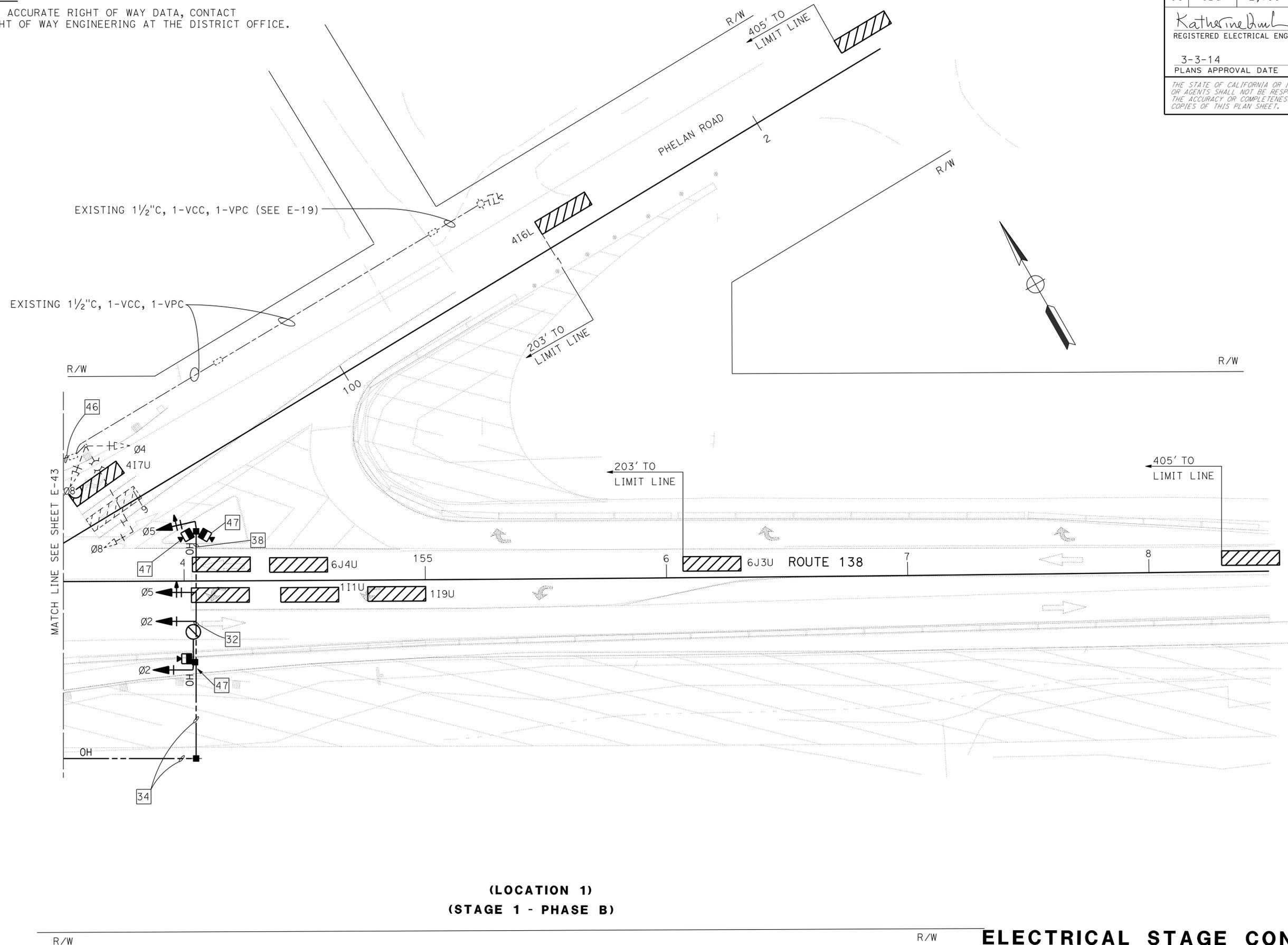
Katherine Dinh 9-05-13
 REGISTERED ELECTRICAL ENGINEER DATE
 3-3-14
 PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
 KATHERINE DINH
 No. E17157
 Exp. 9-30-15
 ELECTRICAL
 STATE OF CALIFORNIA

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NOTE:

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



(LOCATION 1)
(STAGE 1 - PHASE B)

ELECTRICAL STAGE CONSTRUCTION
SCALE: 1" = 20'
E-44

APPROVED FOR ELECTRICAL WORK ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	FUNCTIONAL SUPERVISOR	CALCULATED/DESIGNED BY	REVISOR
Caltrans ELECTRICAL DESIGN B	Ferdinand de la Cruz	Ferdinand de la Cruz	Luis Penaloza
		Checked by	Revised by

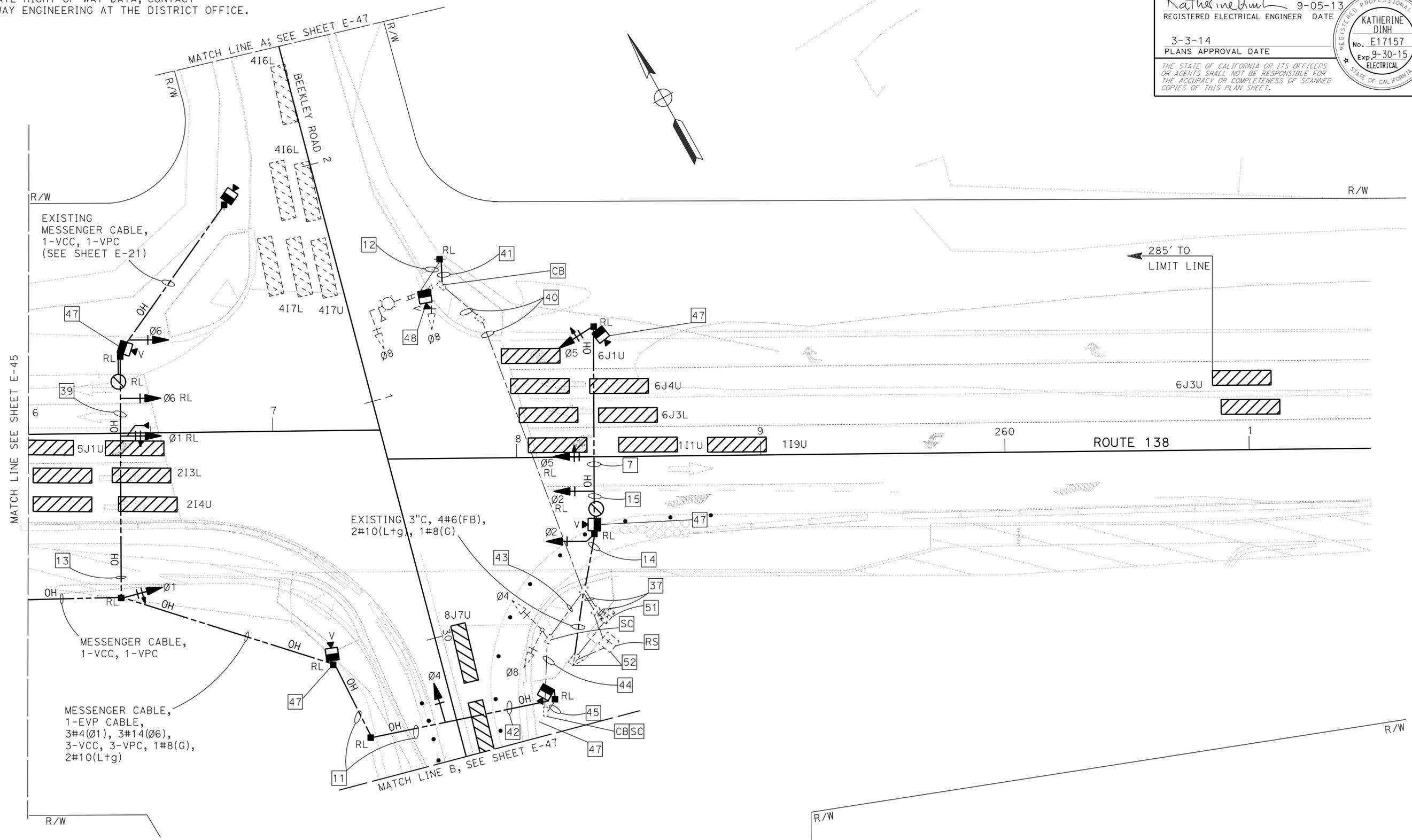
LAST REVISION DATE PLOTTED => 01-MAY-2014 11:33
 09-05-13 TIME PLOTTED => 11:33

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	SBd	2,138	6.2/6.4, 2.3/R15.2	890	1168

Katherine Dinh 9-05-13
 REGISTERED ELECTRICAL ENGINEER DATE
 3-3-14
 PLANS APPROVAL DATE
 THE STATE OF CALIFORNIA OR ITS OFFICERS
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 COPIES OF THIS PLAN SHEET.

REGISTERED PROFESSIONAL ENGINEER
KATHERINE DINH
 No. E17157
 Exp. 9-30-15
 ELECTRICAL
 STATE OF CALIFORNIA

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



(LOCATION 2)
 (STAGE 1 - PHASE B)

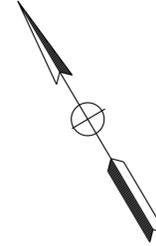
ELECTRICAL STAGE CONSTRUCTION
 SCALE: 1" = 20'
E-46

APPROVED FOR ELECTRICAL WORK ONLY

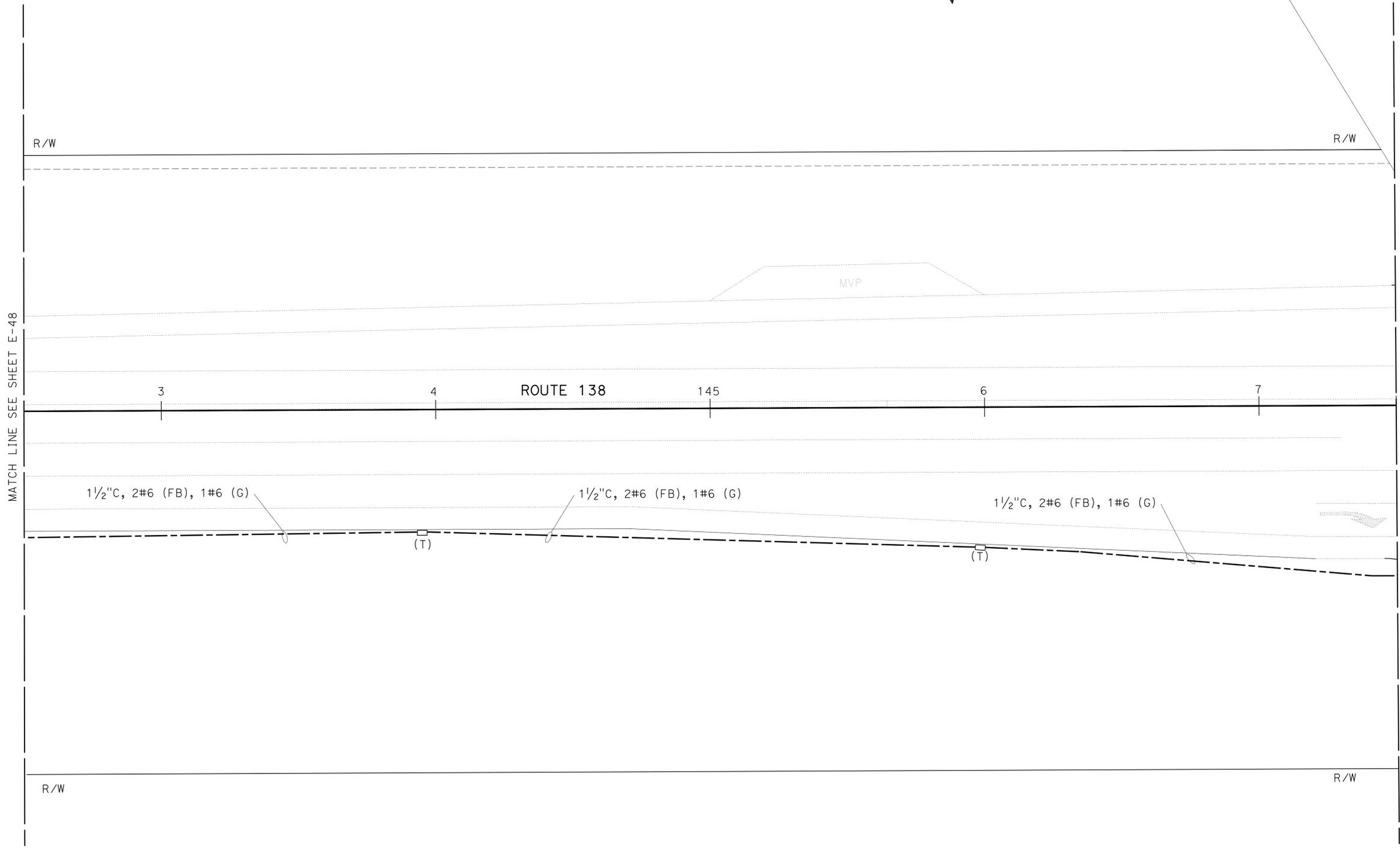
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	FUNCTIONAL SUPERVISOR	CALCULATED/DESIGNED BY	REVISOR
Caltrans ELECTRICAL DESIGN B	FERDINAND DE LA CRUZ	FERDINAND DE LA CRUZ	LUIS PENALOZA
		CHECKED BY	DATE REVISOR

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	SBd	2,138	6.2/6.4, 2.3/R15.2	893	1168
Katherine Dinh		9-05-13			
REGISTERED ELECTRICAL ENGINEER		DATE			
3-3-14		PLANS APPROVAL DATE			
<small>THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.</small>					

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



EVERGREEN ROAD



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	FUNCTIONAL SUPERVISOR	CALCULATED/DESIGNED BY	REVISOR	DATE
Caltrans ELECTRICAL DESIGN B	FERNINAND DE LA CRUZ	FERNINAND DE LA CRUZ	LUIS PENALOZA	
		CHECKED BY	DATE	

**MODIFY SIGNAL AND LIGHTING
(LOCATION 1)**
SCALE: 1" = 20' **E-49**

APPROVED FOR ELECTRICAL WORK ONLY

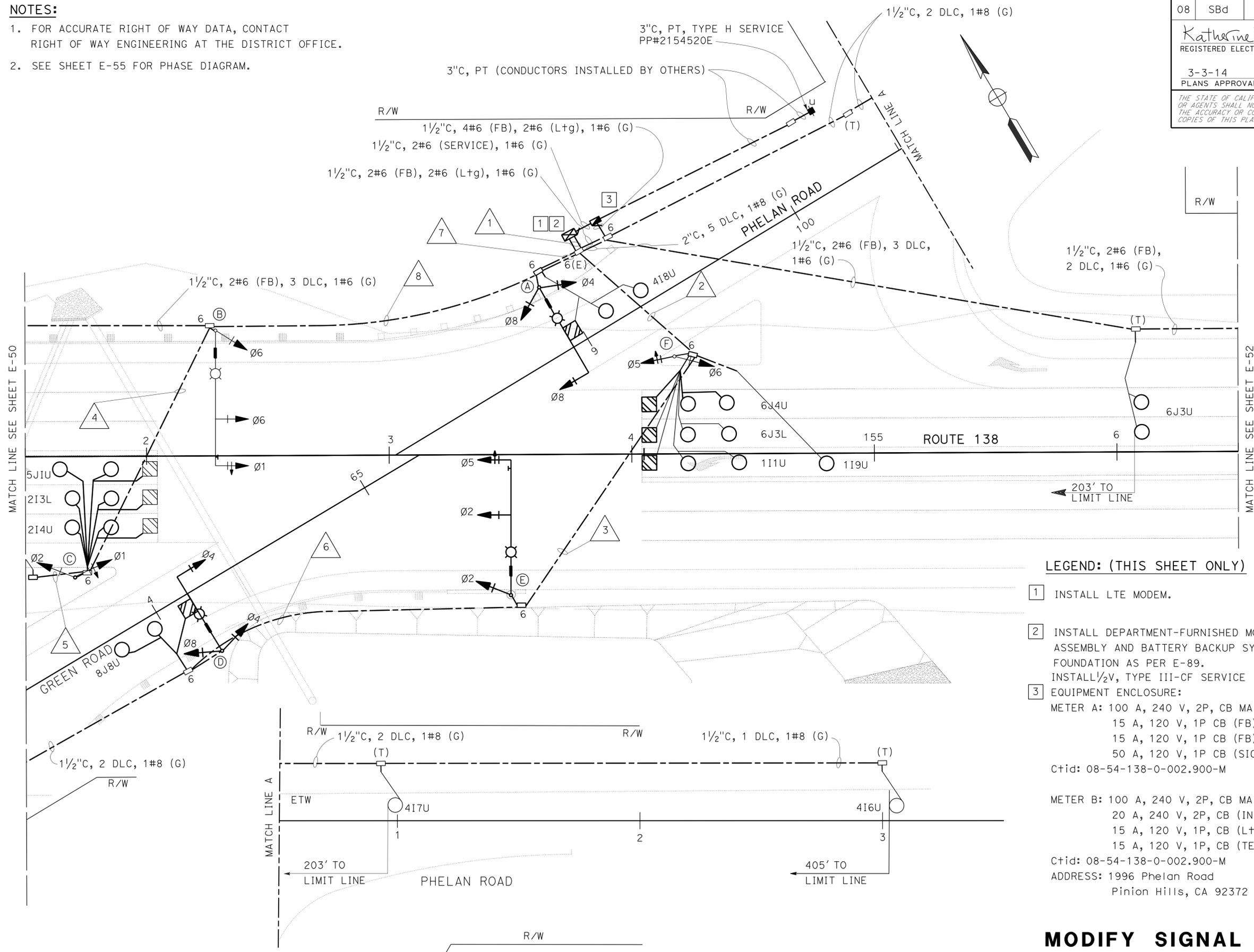
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Sbd	2,138	6.2/6.4, 2.3/R15.2	895	1168

Katherine Dinh 9-05-13
 REGISTERED ELECTRICAL ENGINEER DATE
 3-3-14
 PLANS APPROVAL DATE
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REGISTERED PROFESSIONAL ENGINEER
KATHERINE DINH
 No. E17157
 Exp. 9-30-13
 ELECTRICAL
 STATE OF CALIFORNIA

NOTES:

- FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.
- SEE SHEET E-55 FOR PHASE DIAGRAM.



LEGEND: (THIS SHEET ONLY)

- INSTALL LTE MODEM.
- INSTALL DEPARTMENT-FURNISHED MODEL 2070L CONTROLLER ASSEMBLY AND BATTERY BACKUP SYSTEM ON A MODIFIED FOUNDATION AS PER E-89.
INSTALL 1/2V, TYPE III-CF SERVICE
- EQUIPMENT ENCLOSURE:
 METER A: 100 A, 240 V, 2P, CB MAIN BREAKER (TC-1)
 15 A, 120 V, 1P CB (FB)
 15 A, 120 V, 1P CB (FB)
 50 A, 120 V, 1P CB (SIG)
 Ctid: 08-54-138-0-002.900-M

 METER B: 100 A, 240 V, 2P, CB MAIN BREAKER (LS-3)
 20 A, 240 V, 2P, CB (INTERSECTION LIGHTING)
 15 A, 120 V, 1P, CB (Ltg CONTROL)
 15 A, 120 V, 1P, CB (TEST SWITCH)
 Ctid: 08-54-138-0-002.900-M
 ADDRESS: 1996 Phelan Road
 Pinon Hills, CA 92372

MODIFY SIGNAL AND LIGHTING (LOCATION 1)

SCALE: 1" = 20' **E-51**

APPROVED FOR ELECTRICAL WORK ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	REVISOR	DATE
Caltrans ELECTRICAL DESIGN B	REVISOR	DATE
	REVISOR	DATE
FUNCTIONAL SUPERVISOR	CHECKED BY	DATE
DESIGNED BY	CHECKED BY	DATE
DESIGNED BY	CHECKED BY	DATE
DESIGNED BY	CHECKED BY	DATE

USERNAME => s121614
DGN FILE => 0800000609u0051.dgn



UNIT 2292

PROJECT NUMBER & PHASE

08000006091

LAST REVISION DATE PLOTTED => 01-MAY-2014 09-05-13 TIME PLOTTED => 11:34

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	SBd	2,138	6.2/6.4, 2.3/R15.2	896	1168

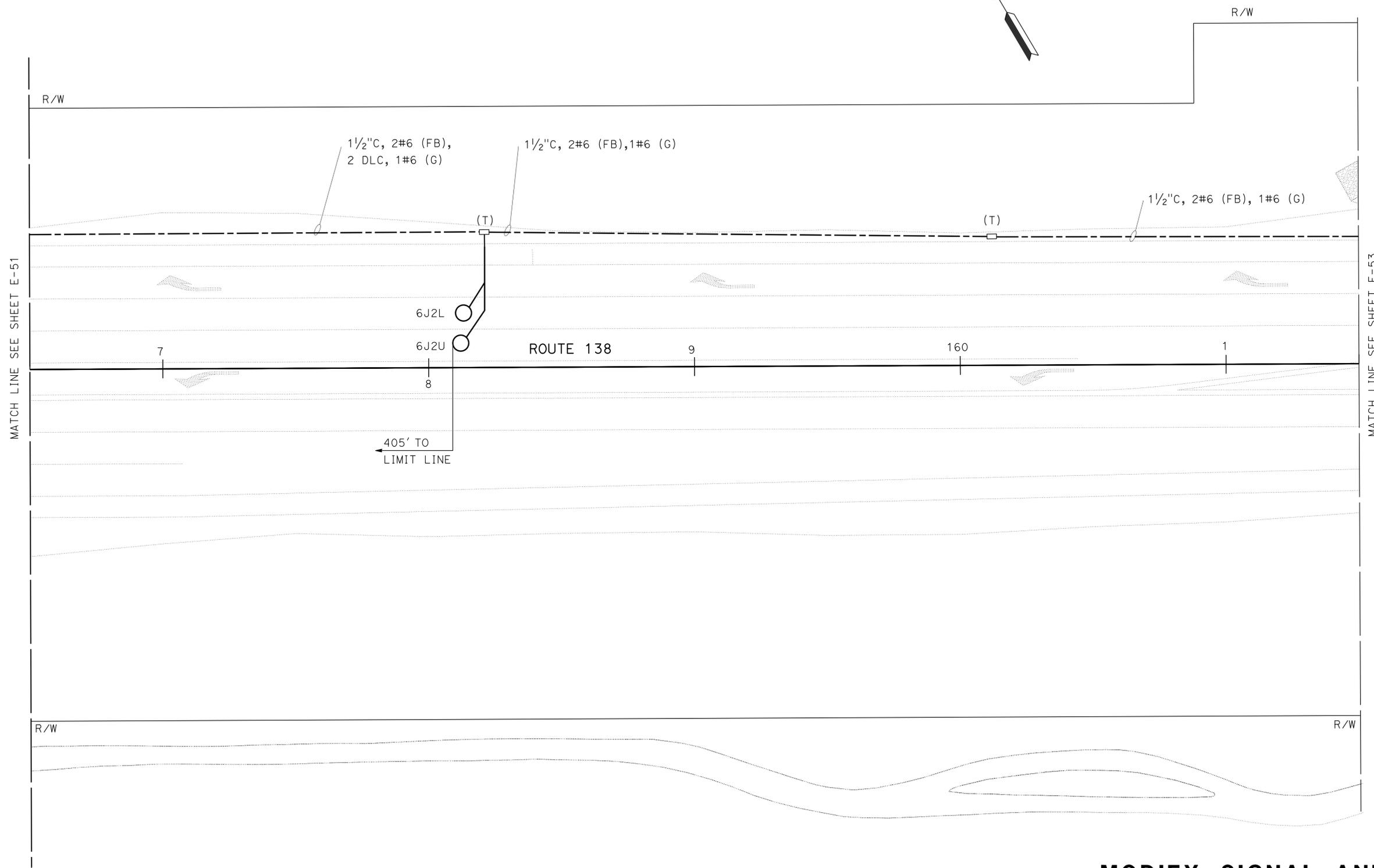
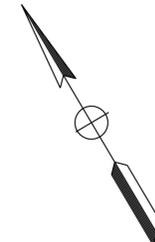
Katherine Dinh 9-05-13
 REGISTERED ELECTRICAL ENGINEER DATE
 3-3-14
 PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
 KATHERINE DINH
 No. E17157
 Exp. 9-30-15
 ELECTRICAL
 STATE OF CALIFORNIA

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STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	FUNCTIONAL SUPERVISOR	CALCULATED/DESIGNED BY	REVISOR BY
Caltrans ELECTRICAL DESIGN B	FERNINAND DE LA CRUZ	FERNINAND DE LA CRUZ	DATE
		CHECKED BY	REVISION

MODIFY SIGNAL AND LIGHTING (LOCATION 1)

APPROVED FOR ELECTRICAL WORK ONLY

SCALE: 1" = 20' **E-52**

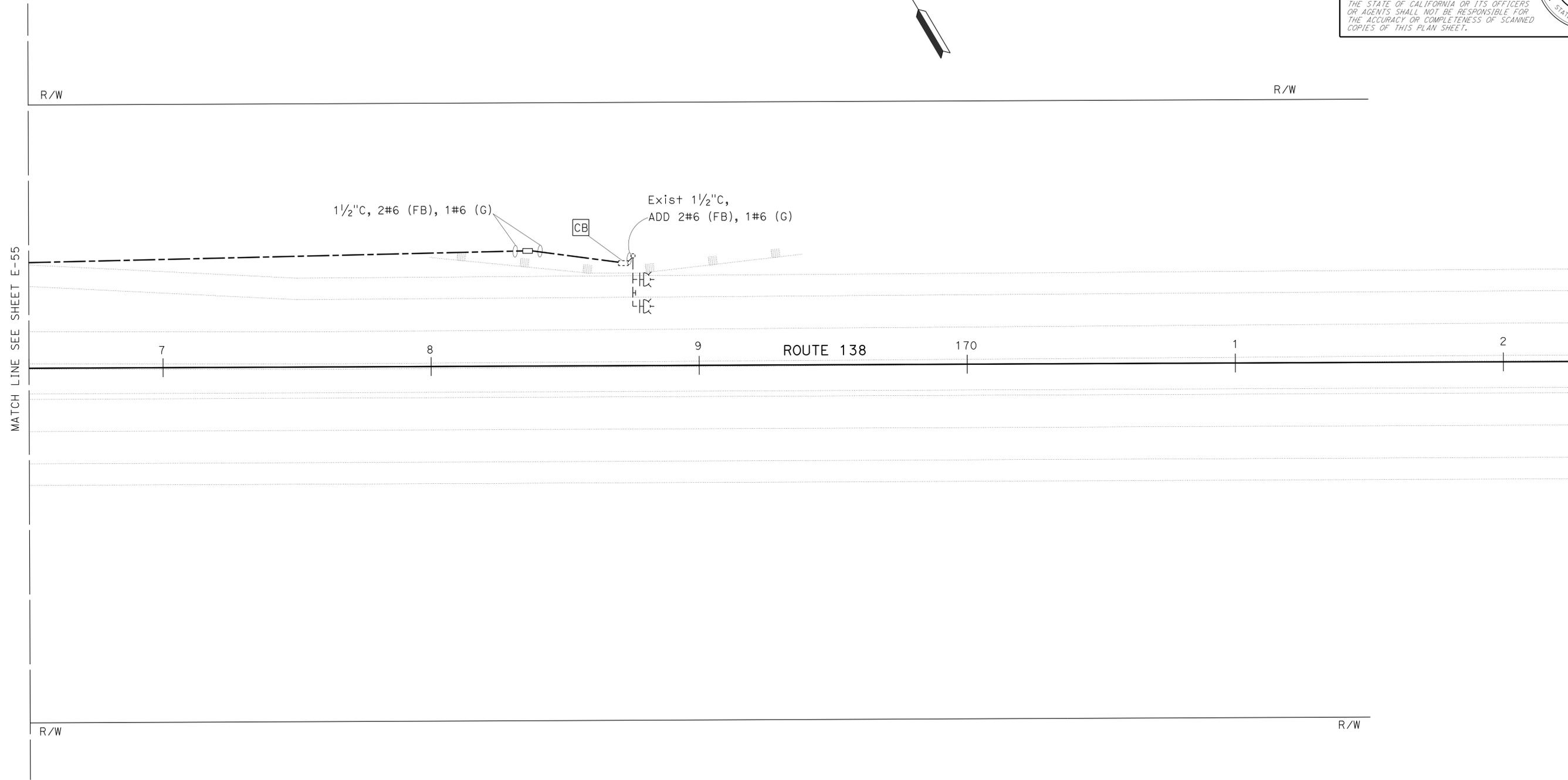
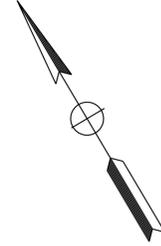
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	SBd	2,138	6.2/6.4, 2.3/R15.2	898	1168

Katherine Dinh 9-05-13
 REGISTERED ELECTRICAL ENGINEER DATE
 3-3-14
 PLANS APPROVAL DATE

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REGISTERED PROFESSIONAL ENGINEER
 KATHERINE DINH
 No. E17157
 Exp. 9-30-15
 ELECTRICAL
 STATE OF CALIFORNIA

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



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans ELECTRICAL DESIGN B
 FUNCTIONAL SUPERVISOR
 FERDINAND DE LA CRUZ
 CALCULATED/DESIGNED BY
 CHECKED BY
 LUIS PENALOZA
 FERDINAND DE LA CRUZ
 REVISED BY
 DATE REVISED

**MODIFY SIGNAL AND LIGHTING
 (LOCATION 1)**

APPROVED FOR ELECTRICAL WORK ONLY

SCALE: 1" = 20' **E-54**

LAST REVISION | DATE PLOTTED => 01-MAY-2014
 09-05-13 | TIME PLOTTED => 11:34

POLE AND EQUIPMENT SCHEDULE

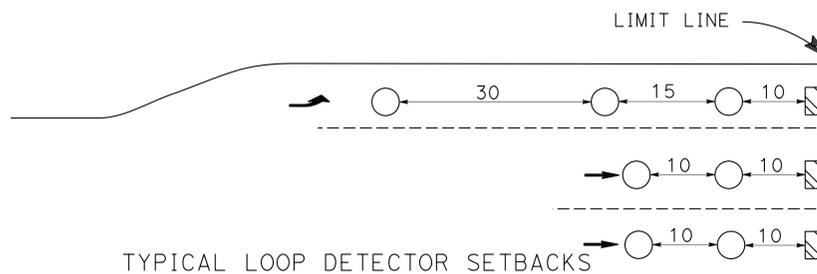
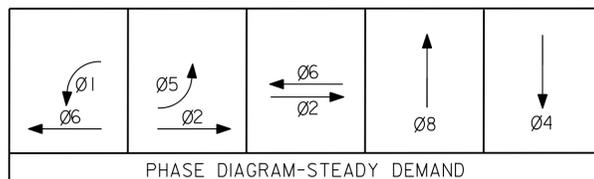
No.	STANDARD			VEH SIG Mtg		LED LUMINAIRE	RETROREFLECTIVE SHEETING SIGNS
	TYPE	SMA	LMA	MAST ARM	POLE		
(A)	26A-4-100	40'	12'	1-MAS	SV-2-T	235 W	ROUTE 138, R73-3, R9-3a. SEE SIGN PLANS FOR DETAILS. [1][2] INSTALL DIRECTIONAL LOUVERS
(B)	29A-5-100	55'	15'	2-MAS	SV-I-T	235 W	PHELAN Ave/GREEN ROAD, R73-3, R9-3a. SEE SIGN PLANS FOR DETAILS. [1][2] INSTALL DIRECTIONAL LOUVERS
(C)	I-A	—	—	—	TV-2-T	—	INSTALL DIRECTIONAL LOUVERS
(D)	26A-4-100	40'	12'	1-MAS	SV-2-T	235 W	ROUTE 138, R73-3, R9-3a. SEE SIGN PLANS FOR DETAILS. [1][2] INSTALL DIRECTIONAL LOUVERS
(E)	29A-5-100	55'	15'	2-MAS	SV-I-T	235 W	PHELAN Ave/GREEN ROAD, R73-3, R9-3a. SEE SIGN PLANS FOR DETAILS. [1][2] INSTALL DIRECTIONAL LOUVERS
(F)	I-A	—	—	—	TV-2-T	—	INSTALL DIRECTIONAL LOUVERS

CONDUIT AND CONDUCTOR SCHEDULE

CABLE, AWG, AND DLC SCHEDULE		CONDUIT RUN NUMBER								
CABLE TYPE	Standard	PHASE	1	2	3	4	5	6	7	8
VEH-PED 12CSC	(A)	Ø4, Ø8	2						2	
	(B)	Ø1, Ø6	1						1	1
	(C)	Ø1, Ø2	1			1			1	1
	(D)	Ø4, Ø8	2	2	2			2		
	(E)	Ø2, Ø5	1	1	1					
	(F)	Ø5, Ø6	1	1						
TOTAL			8	4	3	1		2	4	2
AWG	CIRCUIT									
#6	LUMINAIRE			2	2			2	2	2
#6	GROUND		2	1	1			1	1	1
#6	FLASHING BEACON							2	2	
DLC	LOOP DETECTOR									
		Ø1	2	2						
		Ø2	5			2			5	5
		Ø4	3						1	
		Ø5	2			2	1		2	2
		Ø6	5	2						
		Ø8	3	3	3			3		
TOTAL DLC			20	7	3	4	1	3	8	7
CONDUIT SIZE			2-4"	4"	4"	4"	1 1/2"	4"	2-4"	4"

LEGEND: (THIS SHEET ONLY)

- [1] FOR SIGN DETAILS, SEE PLAN SHEETS S, SD AND SQ.
- [2] FOR STREET NAME SIGN DETAILS, SEE PLAN SHEET SD-1.



MODIFY SIGNAL AND LIGHTING (LOCATION 1)

SCALE: 1" = 20'

E-55

APPROVED FOR ELECTRICAL WORK ONLY

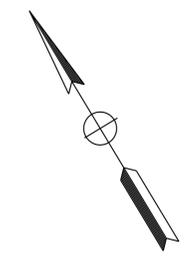
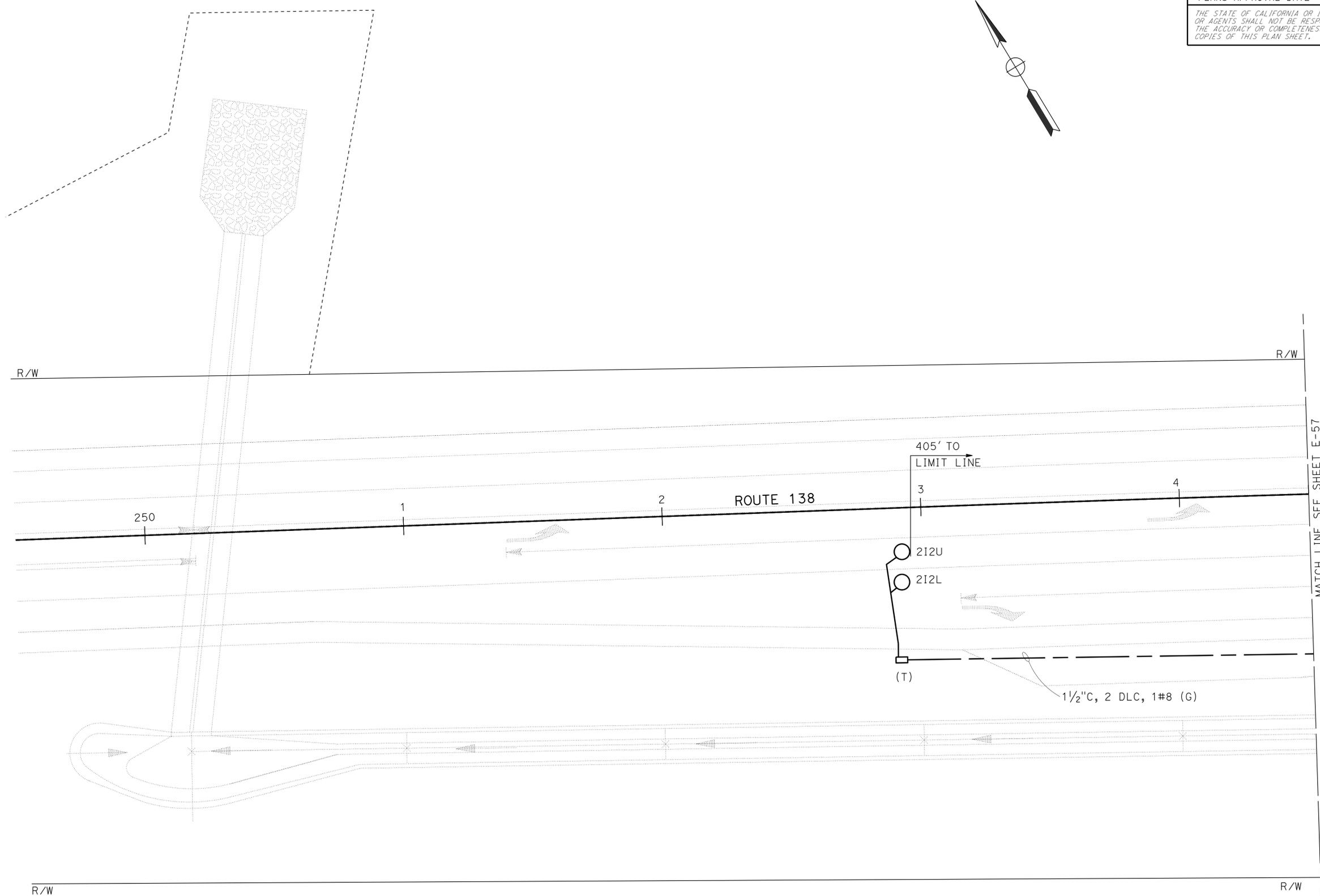
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	SBd	2,138	6.2/6.4, 2.3/R15.2	900	1168

Katherine Dinh 9-05-13
 REGISTERED ELECTRICAL ENGINEER DATE
 3-3-14
 PLANS APPROVAL DATE

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REGISTERED PROFESSIONAL ENGINEER
 KATHERINE DINH
 No. E17157
 Exp. 9-30-15
 ELECTRICAL
 STATE OF CALIFORNIA

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



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	FUNCTIONAL SUPERVISOR	CALCULATED/DESIGNED BY	REVISOR
Caltrans ELECTRICAL DESIGN B	FERNINAND DE LA CRUZ	FERNINAND DE LA CRUZ	LUIS PENALOZA
		CHECKED BY	DATE REVISED

APPROVED FOR ELECTRICAL WORK ONLY

**MODIFY SIGNAL AND LIGHTING
 (LOCATION 2)**
 SCALE: 1" = 20'
E-56

LAST REVISION | DATE PLOTTED => 01-MAY-2014 | 09-05-13 | TIME PLOTTED => 11:34