Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	101	34.9/35.0, 43.7/43.9		

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K-2	KEYMAP - WETLAND ESTABLISHMENT GROUP 1 (1.0 CREDIT)
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GD1	CONTOUR GRADING DETAIL
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STATE OF CALIFORNIA

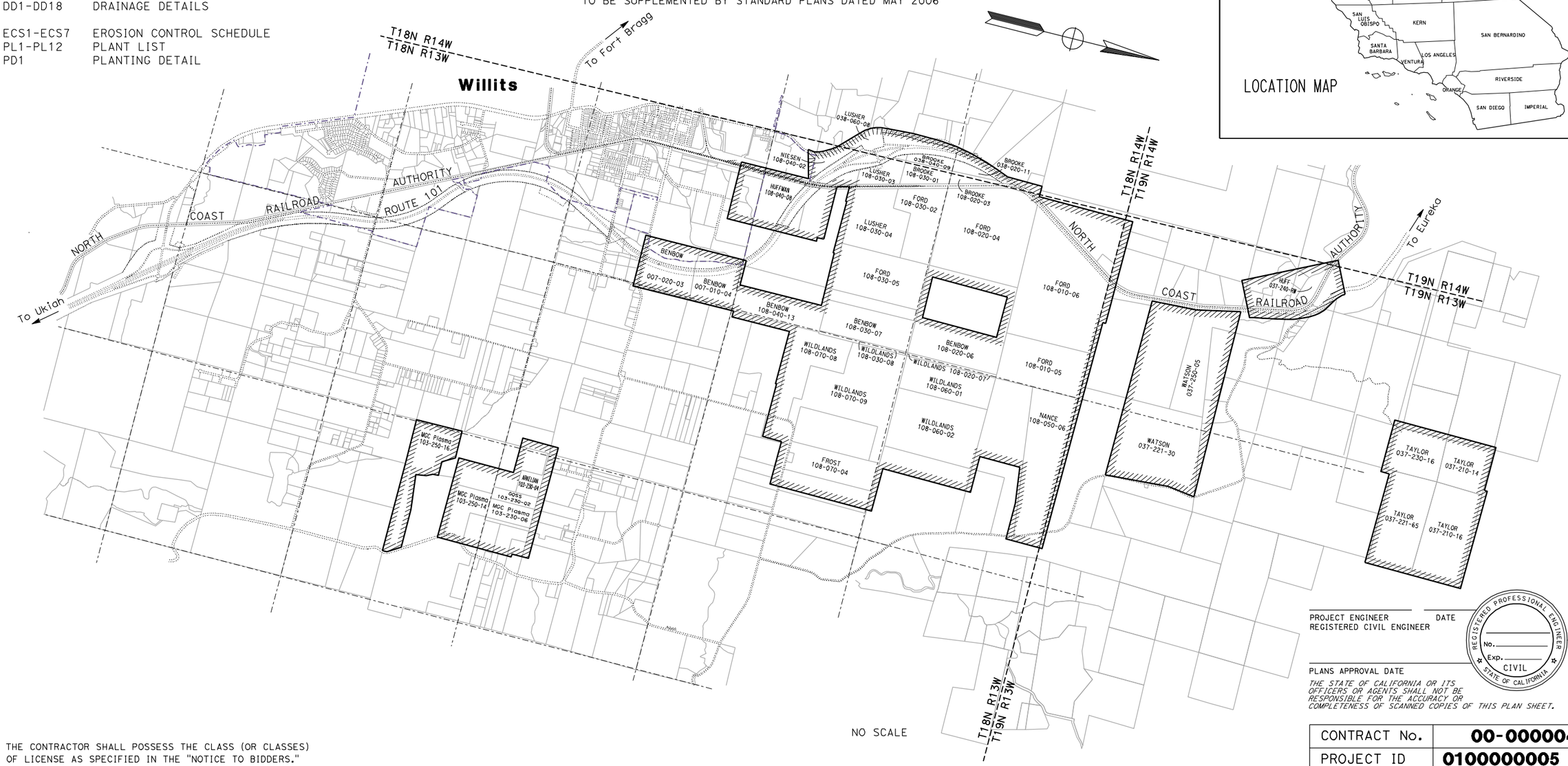
DEPARTMENT OF TRANSPORTATION

PROJECT PLANS FOR CONSTRUCTION ADJACENT TO STATE HIGHWAY

IN MENDOCINO COUNTY NEAR WILLITS FROM 1.2 MILES NORTH OF HAEHL ROAD OVERCROSSING TO 0.8 MILES NORTH OF REYNOLDS HIGHWAY

TO BE SUPPLEMENTED BY STANDARD PLANS DATED MAY 2006

LOCATION MAP



PROJECT ENGINEER DATE
REGISTERED CIVIL ENGINEER

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 No. Exp. CIVIL STATE OF CALIFORNIA

THE CONTRACTOR SHALL POSSESS THE CLASS (OR CLASSES) OF LICENSE AS SPECIFIED IN THE "NOTICE TO BIDDERS."

CONTRACT No.	00-000004
PROJECT ID	0100000005

PROJECT MANAGER DAVID G. KELLEY

DESIGN ENGINEER DOUGLAS S. JONES

LAST REVISION 09-29-11

DATE PLOTTED => 03-JAN-2012
TIME PLOTTED => 12:54

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	101	43.7/43.9		

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER No. Exp. CIVIL STATE OF CALIFORNIA

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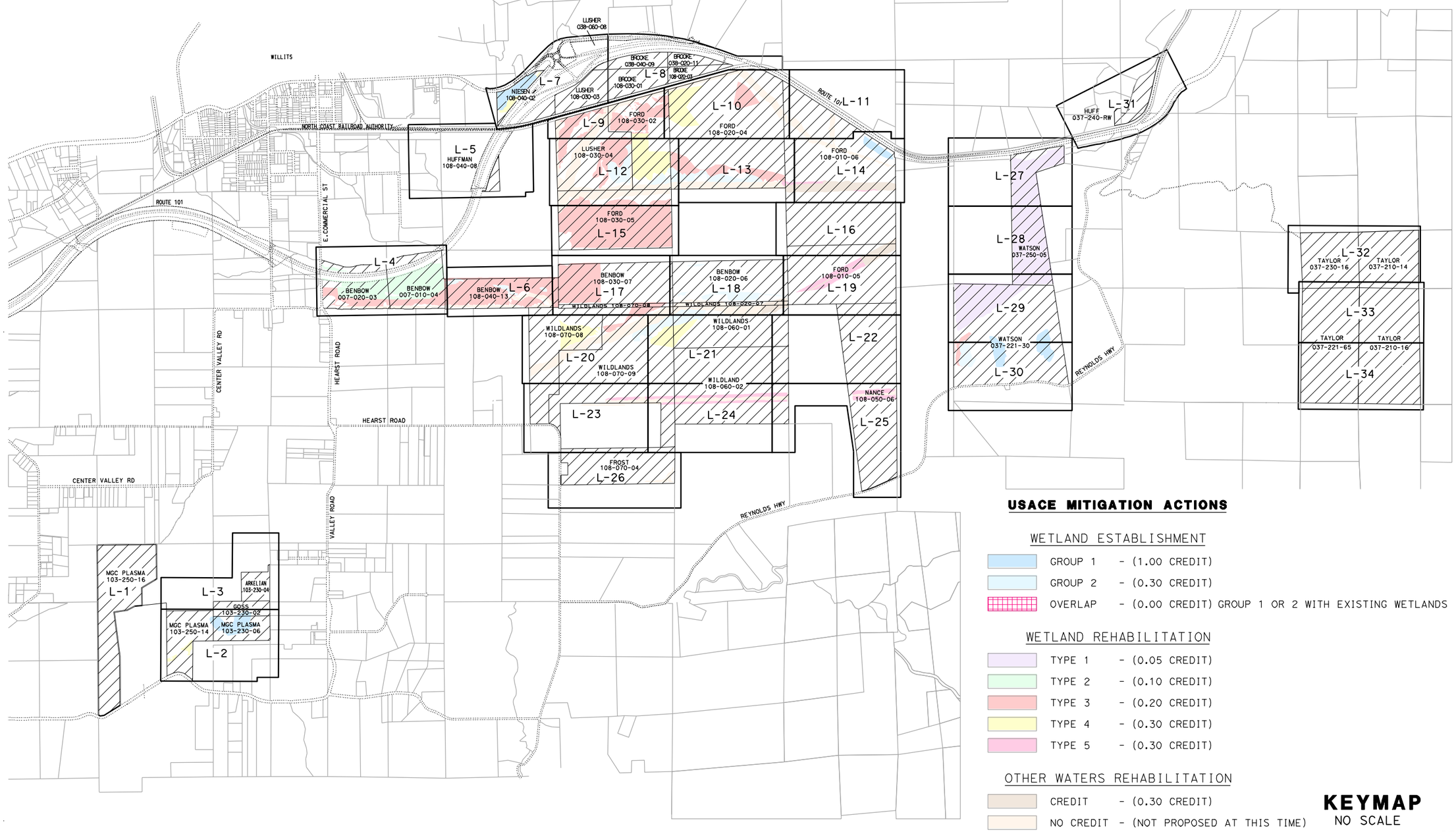

USACE MITIGATION ACTIONS

WETLAND ESTABLISHMENT

- GROUP 1 - (1.00 CREDIT)
- GROUP 2 - (0.30 CREDIT)
- OVERLAP - (0.00 CREDIT) GROUP 1 OR 2 WITH EXISTING WETLANDS

WETLAND REHABILITATION

- TYPE 1 - (0.05 CREDIT)
- TYPE 2 - (0.10 CREDIT)
- TYPE 3 - (0.20 CREDIT)
- TYPE 4 - (0.30 CREDIT)
- TYPE 5 - (0.30 CREDIT)

OTHER WATERS REHABILITATION

- CREDIT - (0.30 CREDIT)
- NO CREDIT - (NOT PROPOSED AT THIS TIME)

KEYMAP
NO SCALE

K-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans®
03-DESIGN EAST

FUNCTIONAL SUPERVISOR: DOUGLAS S. JONES
CALCULATED-DESIGNED BY: MELISSA HAURY
CHECKED BY: VINCENT MITCHELL
REVISED BY
DATE REVISED

LAST REVISION 08-02-10
DATE PLOTTED => 02-JAN-2012
TIME PLOTTED => 16:19

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	101	43.7/43.9		

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER No. Exp. CIVIL STATE OF CALIFORNIA

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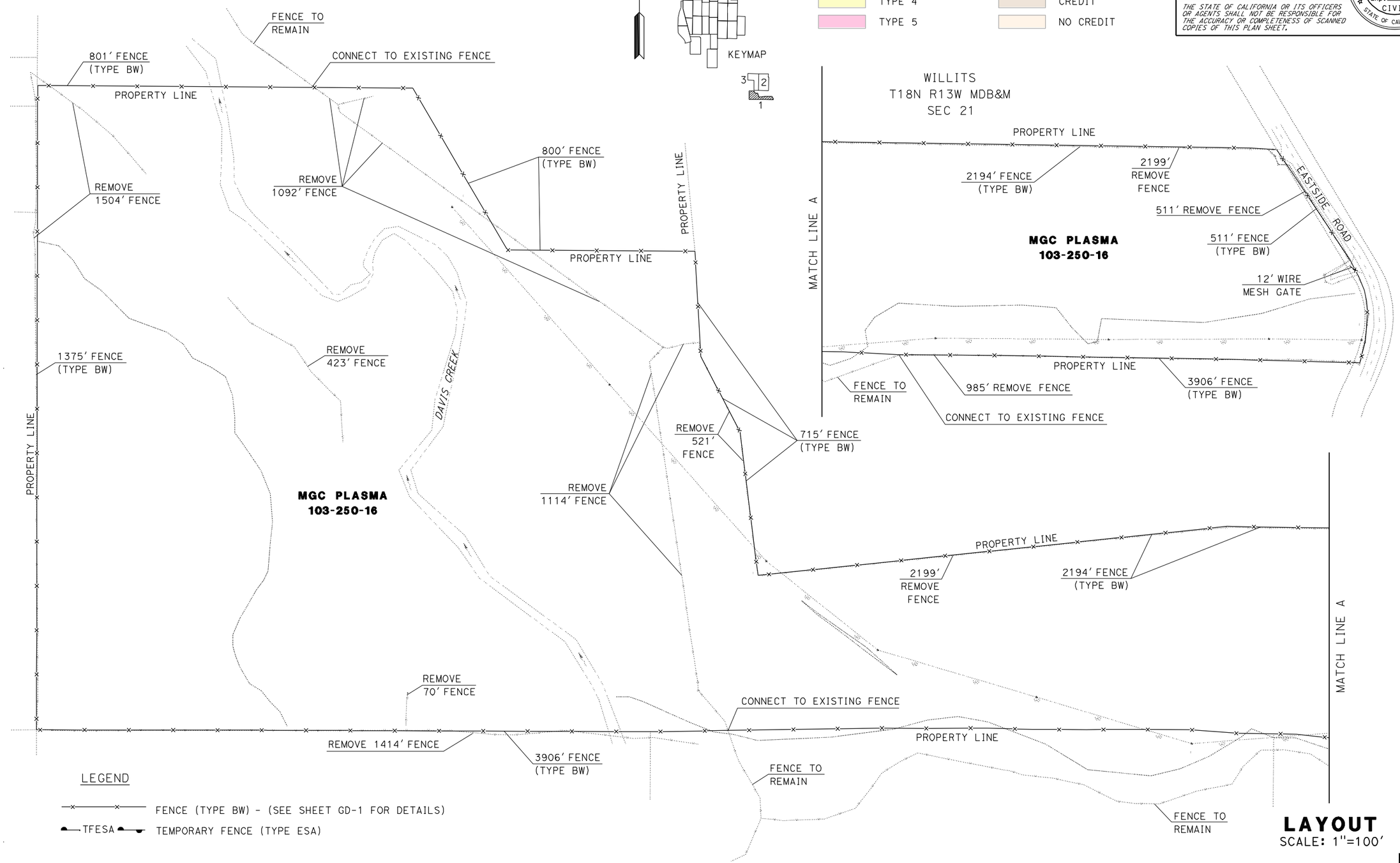
NOTES:

1. FOR COMPLETE PROPERTY BOUNDARY DATA, SEE R/W RECORD MAPS AT DISTRICT OFFICE.
2. COORDINATE VALUES SHOWN ARE CCS83 ZONE 2. MULTIPLY BY 0.99995 TO OBTAIN GROUND DISTANCES.
3. LOCATION TO BE DETERMINED BY ENGINEER.

USACE MITIGATION ACTIONS

TYPE 1	GROUP 1
TYPE 2	GROUP 2
TYPE 3	OVERLAP
TYPE 4	CREDIT
TYPE 5	NO CREDIT



LAYOUT
SCALE: 1"=100'

L-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® 03-DESIGN EAST

FUNCTIONAL SUPERVISOR: DOUGLAS S. JONES

CALCULATED-DESIGNED BY: VINCENT MITCHELL

CHECKED BY

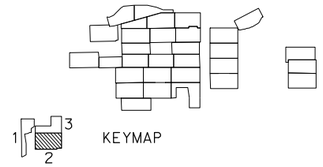
REVISED BY | DATE REVISED

LAST REVISION 12-29-11

DATE PLOTTED => 02-JAN-2012
TIME PLOTTED => 16:19

NOTES:

1. FOR COMPLETE PROPERTY BOUNDARY DATA, SEE R/W RECORD MAPS AT DISTRICT OFFICE.
2. COORDINATE VALUES SHOWN ARE CCS83 ZONE 2. MULTIPLY BY 0.99995 TO OBTAIN GROUND DISTANCES.
3. LOCATION TO BE DETERMINED BY ENGINEER.



KEYMAP

WILLITS
T18N R13W MDB&M
SEC 21

USACE MITIGATION ACTIONS

TYPE 1	GROUP 1
TYPE 2	GROUP 2
TYPE 3	OVERLAP
TYPE 4	CREDIT
TYPE 5	NO CREDIT

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	101	43.7/43.9		

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER No. Exp. CIVIL STATE OF CALIFORNIA

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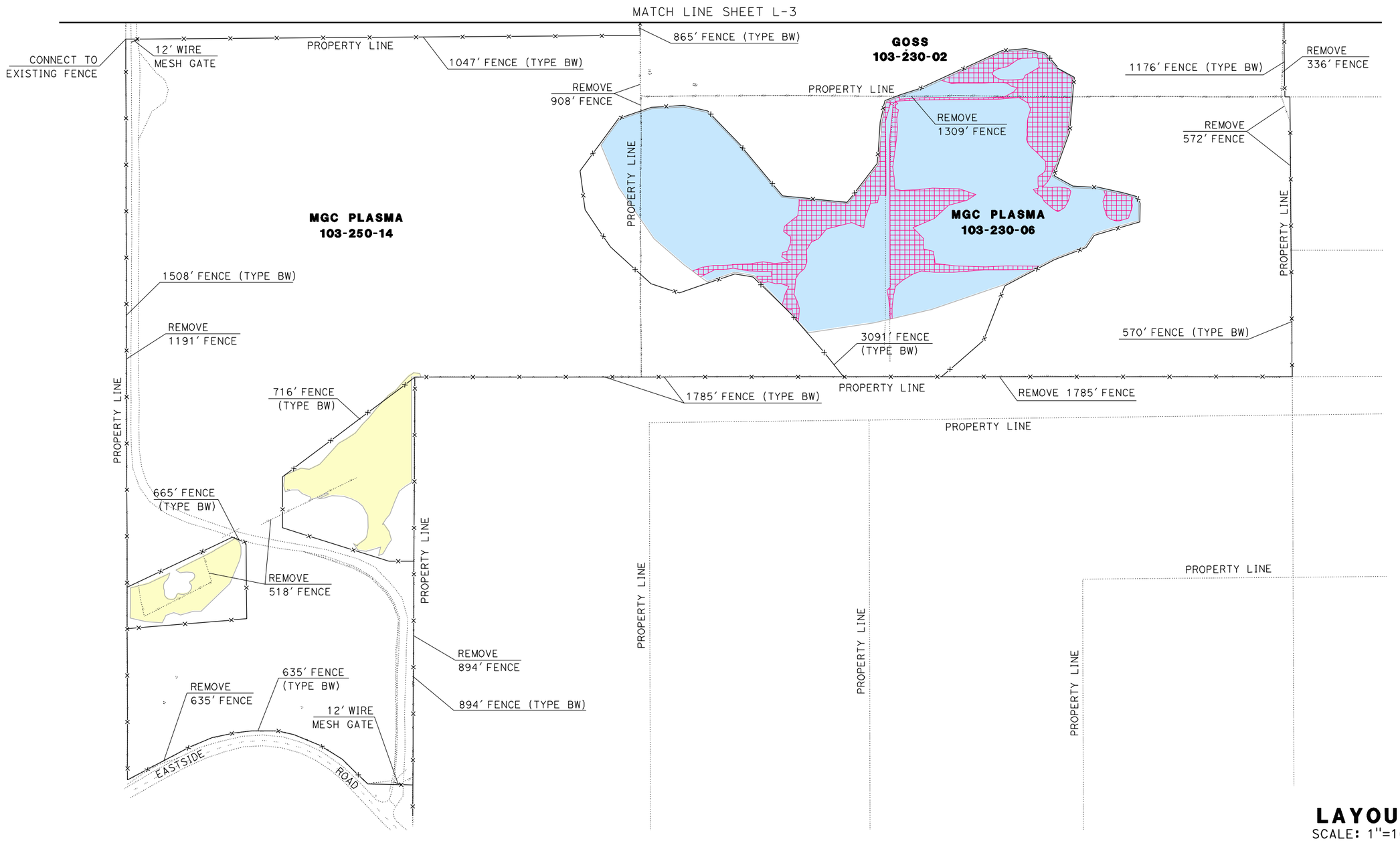

LAYOUT
SCALE: 1"=100'

L-2

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
03-DESIGN EAST

FUNCTIONAL SUPERVISOR: DOUGLAS S. JONES

CALCULATED-DESIGNED BY: VINCENT MITCHELL
CHECKED BY

REVISED BY | DATE REVISED

LAST REVISION 12-29-11
DATE PLOTTED => 02-JAN-2012
TIME PLOTTED => 16:19

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	101	43.7/43.9		

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER No. Exp. CIVIL STATE OF CALIFORNIA

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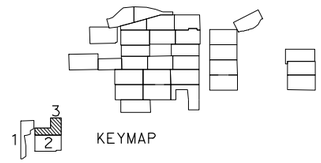
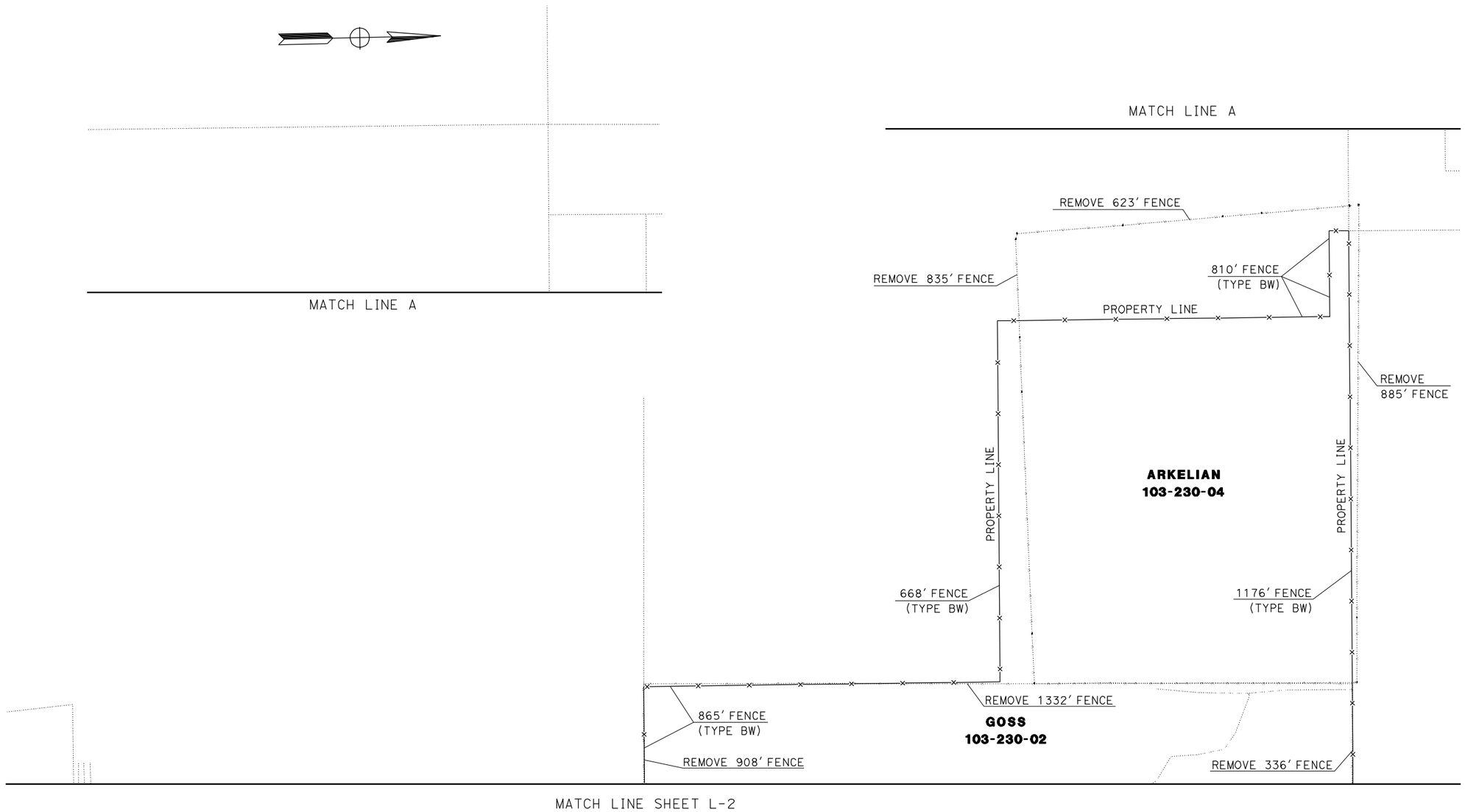


KEYMAP

WILLITS
T18N R13W MDB&M
SEC 21

USACE MITIGATION ACTIONS

TYPE 1	GROUP 1
TYPE 2	GROUP 2
TYPE 3	OVERLAP
TYPE 4	CREDIT
TYPE 5	NO CREDIT



LAYOUT
SCALE: 1"=100'

L-3

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® **03-DESIGN EAST**

FUNCTIONAL SUPERVISOR: DOUGLAS S. JONES

CALCULATED-DESIGNED BY: VINCENT MITCHELL
CHECKED BY

REVISED BY
DATE REVISED

LAST REVISION 12-29-11
DATE PLOTTED => 02-JAN-2012
TIME PLOTTED => 16:19

NOTES:

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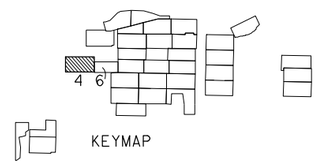
3. LOCATION TO BE DETERMINED BY ENGINEER.



KEYMAP

WILLITS
T18N R13W MDB&M
SEC 7, 8, 17 & 18

USACE MITIGATION ACTIONS

TYPE 1	GROUP 1
TYPE 2	GROUP 2
TYPE 3	OVERLAP
TYPE 4	CREDIT
TYPE 5	NO CREDIT

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	101	43.7/43.9		

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER No. Exp. CIVIL STATE OF CALIFORNIA

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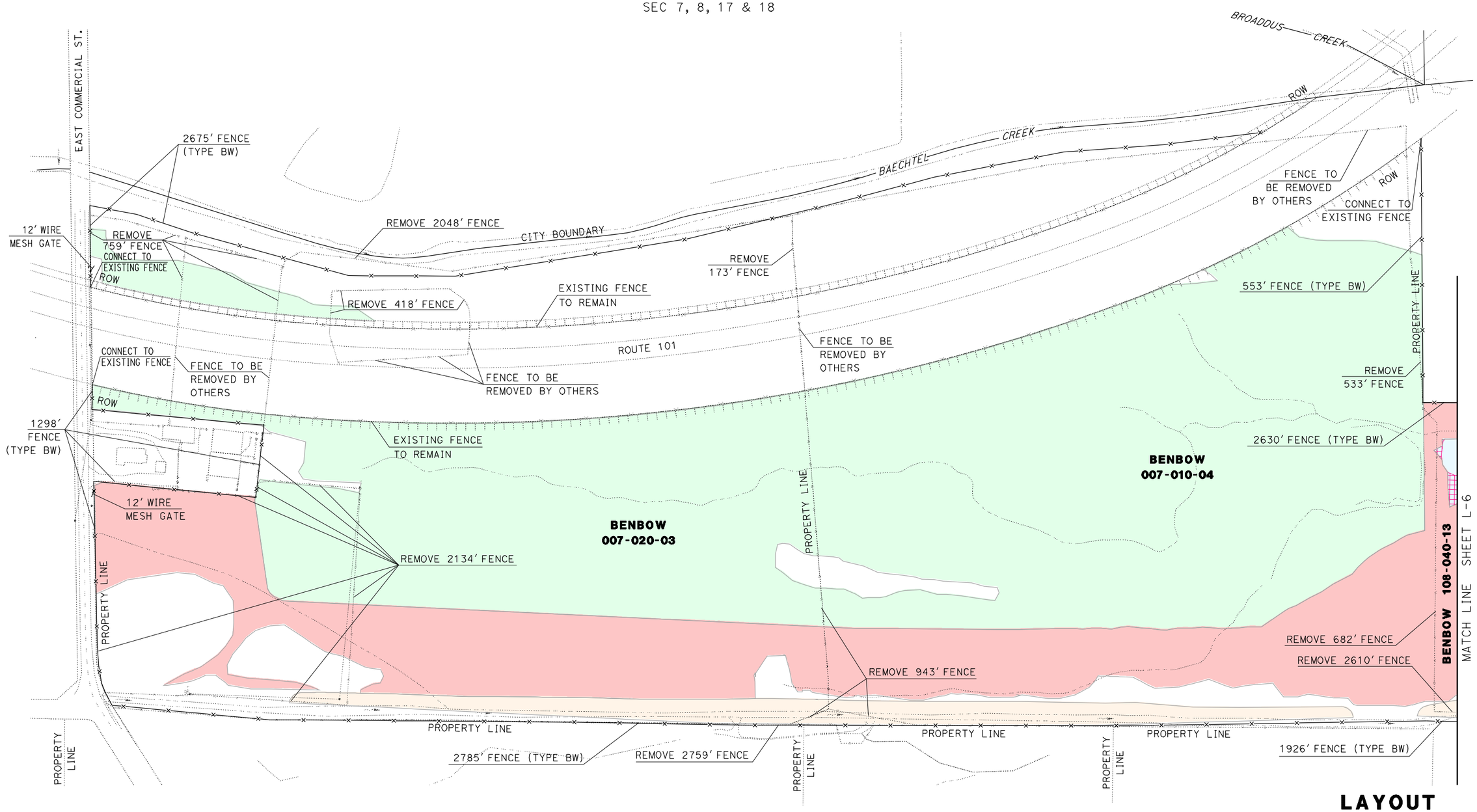

LAYOUT

SCALE: 1"=100'

L-4

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans 03-DESIGN EAST

FUNCTIONAL SUPERVISOR: DOUGLAS S. JONES

CALCULATED-DESIGNED BY: VINCENT MITCHELL
CHECKED BY

REVISED BY | DATE REVISED

LAST REVISION 12-29-11
DATE PLOTTED => 02-JAN-2012
TIME PLOTTED => 16:19

NOTES:

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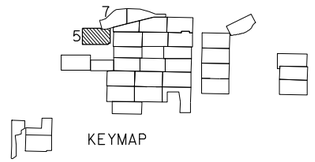
2. COORDINATE VALUES SHOWN ARE CCS83 ZONE 2. MULTIPLY BY 0.99995 TO OBTAIN GROUND DISTANCES.
3. LOCATION TO BE DETERMINED BY ENGINEER.



WILLITS
T18N R13W MDB&M
SEC 7

USACE MITIGATION ACTIONS

TYPE 1	GROUP 1
TYPE 2	GROUP 2
TYPE 3	OVERLAP
TYPE 4	CREDIT
TYPE 5	NO CREDIT

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	101	43.7/43.9		

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER No. Exp. CIVIL STATE OF CALIFORNIA

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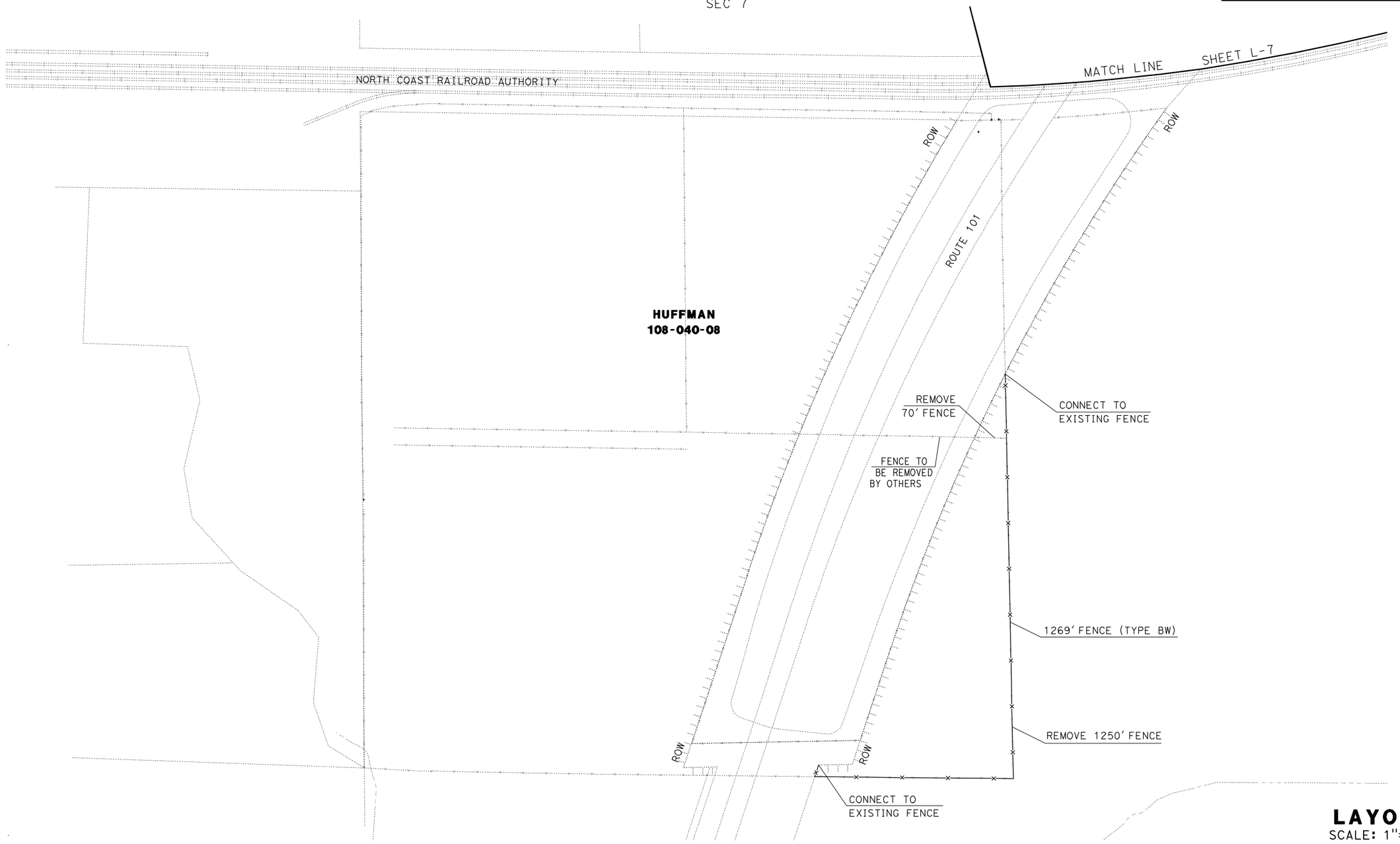

LAYOUT
SCALE: 1"=100'

L-5

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® **03-DESIGN EAST**

FUNCTIONAL SUPERVISOR: DOUGLAS S. JONES

CALCULATED-DESIGNED BY: VINCENT MITCHELL
CHECKED BY

REVISED BY
DATE REVISED

LAST REVISION 12-29-11
DATE PLOTTED => 02-JAN-2012
TIME PLOTTED => 16:20

NOTES:

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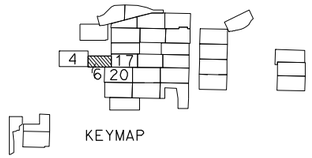
3. LOCATION TO BE DETERMINED BY ENGINEER.



KEYMAP

WILLITS
T18N R13W MDB&M
SEC 7 & 8

USACE MITIGATION ACTIONS

TYPE 1	GROUP 1
TYPE 2	GROUP 2
TYPE 3	OVERLAP
TYPE 4	CREDIT
TYPE 5	NO CREDIT

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	101	43.7/43.9		

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER No. Exp. CIVIL STATE OF CALIFORNIA

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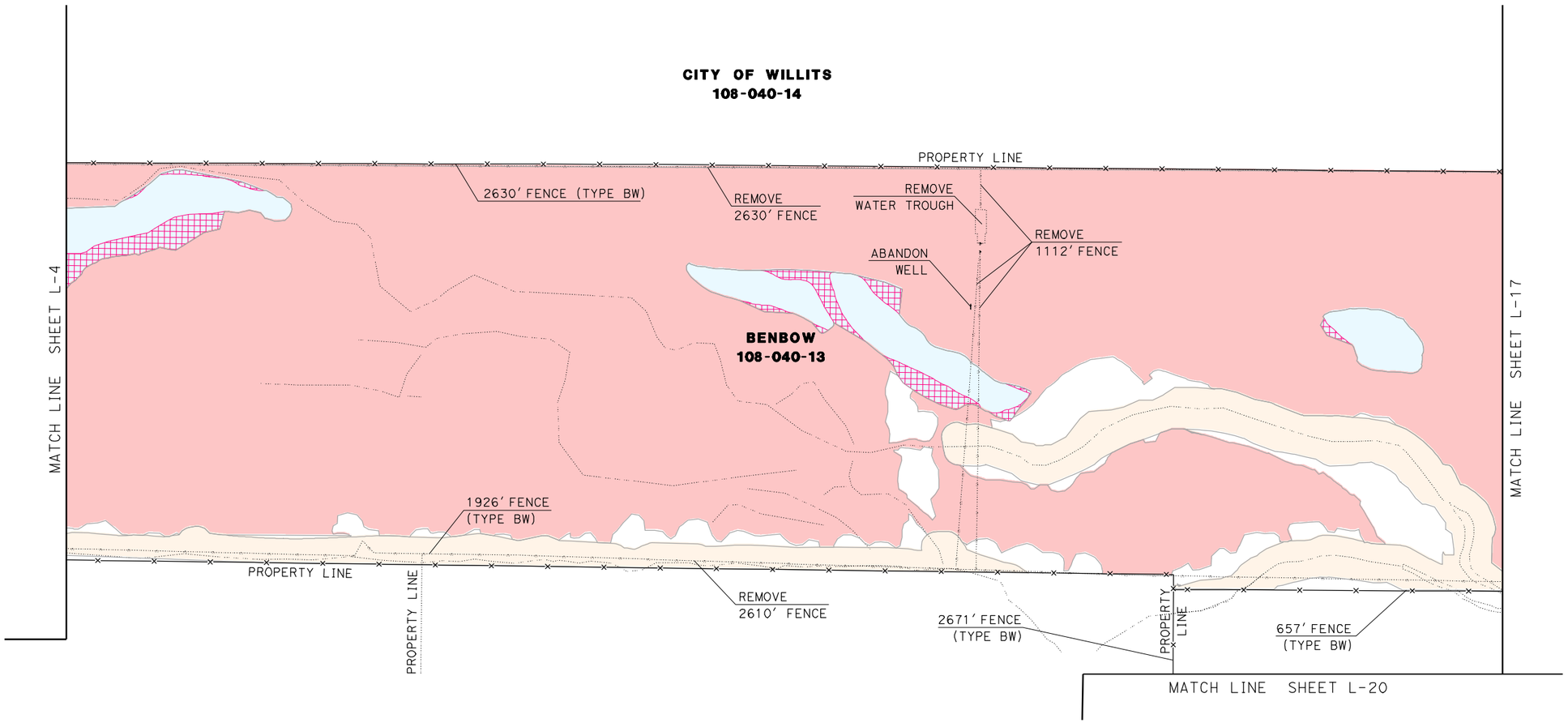

LAYOUT
SCALE: 1"=100'

L-6

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® **03-DESIGN EAST**

FUNCTIONAL SUPERVISOR: DOUGLAS S. JONES

CALCULATED-DESIGNED BY: VINCENT MITCHELL
CHECKED BY

REVISED BY
DATE REVISED

LAST REVISION 12-29-11
DATE PLOTTED => 02-JAN-2012
TIME PLOTTED => 16:20

NOTES:

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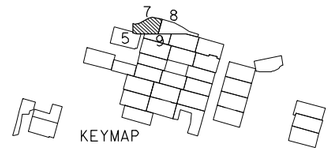

WILLITS
T18N R13 & 14W MDB&M
SEC 7 & 12

USACE MITIGATION ACTIONS

TYPE 1	GROUP 1
TYPE 2	GROUP 2
TYPE 3	OVERLAP
TYPE 4	CREDIT
TYPE 5	NO CREDIT

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	101	43.7/43.9		

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER No. Exp. CIVIL STATE OF CALIFORNIA

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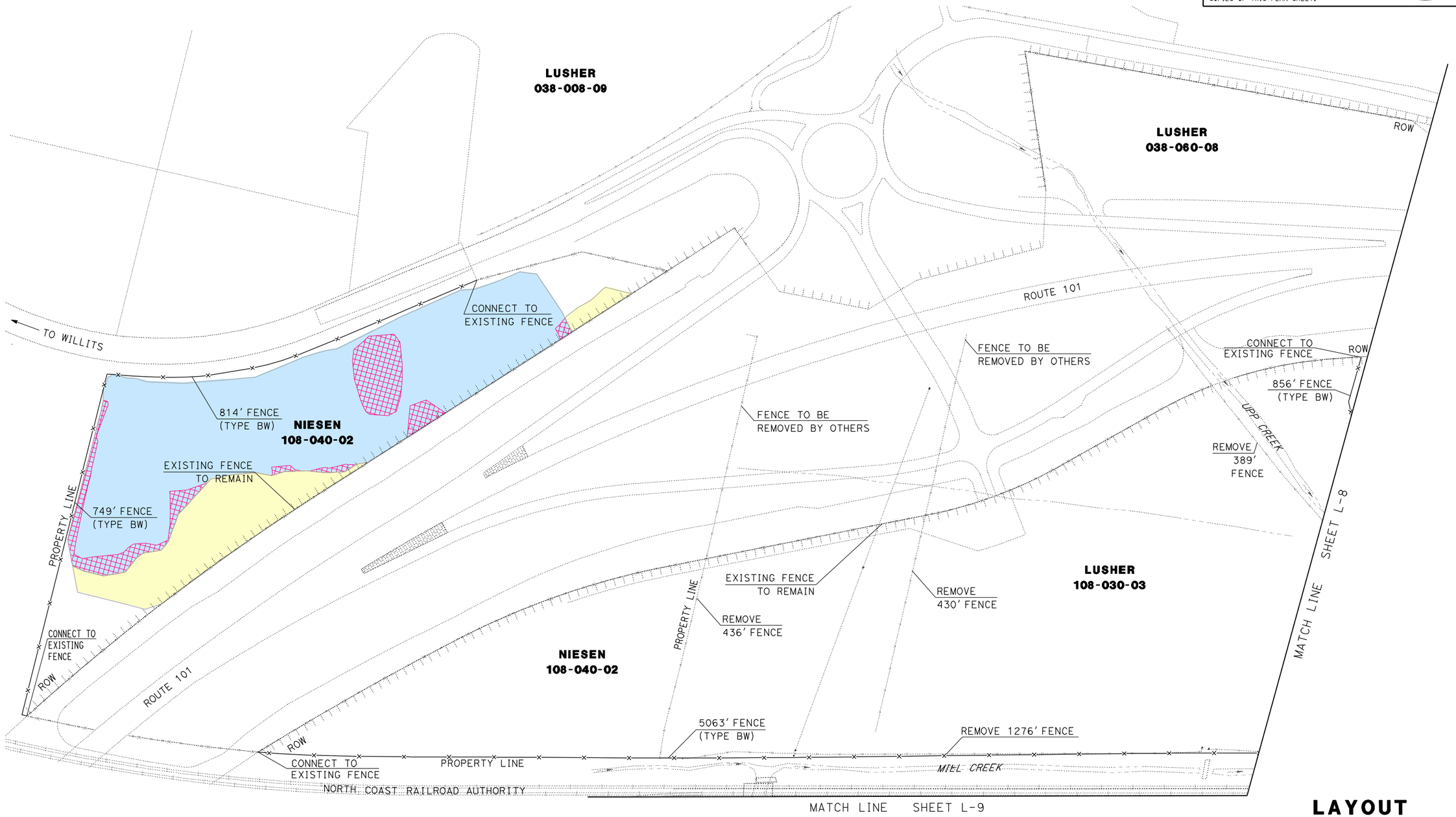

LAYOUT
SCALE: 1"=100'

L-7

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans®
03-DESIGN EAST

FUNCTIONAL SUPERVISOR: DOUGLAS S. JONES

CALCULATED-DESIGNED BY: VINCENT MITCHELL
CHECKED BY

REVISED BY
DATE REVISED

LAST REVISION 12-29-11
DATE PLOTTED => 02-JAN-2012
TIME PLOTTED => 16:20

NOTES:

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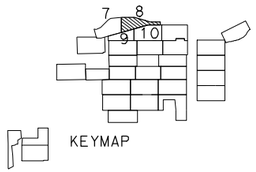

WILLITS
T18N R13 & 14W MDB&M
SEC 7 & 12

USACE MITIGATION ACTIONS

TYPE 1	GROUP 1
TYPE 2	GROUP 2
TYPE 3	OVERLAP
TYPE 4	CREDIT
TYPE 5	NO CREDIT

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	101	43.7/43.9		

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER No. Exp. CIVIL STATE OF CALIFORNIA

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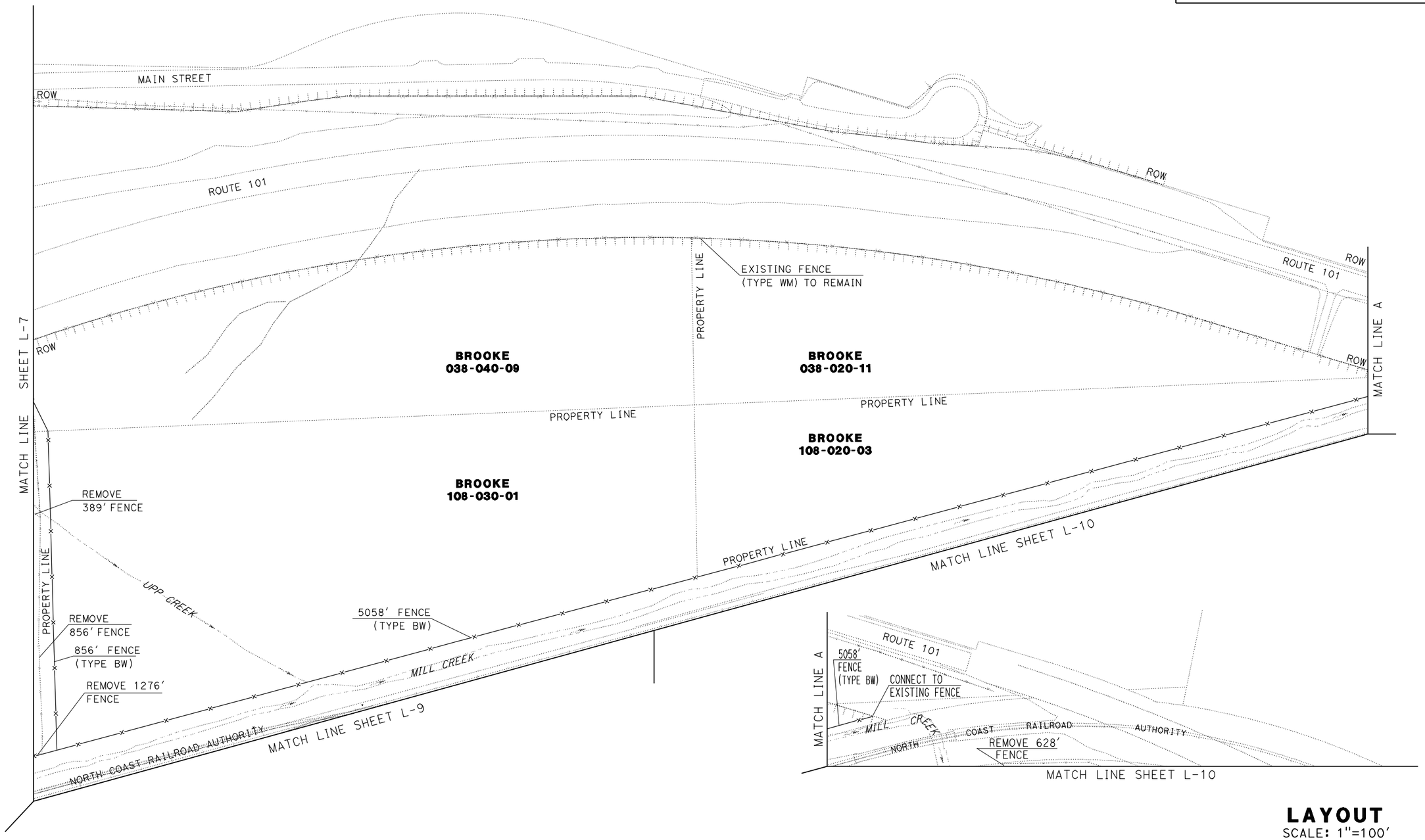

LAYOUT

SCALE: 1"=100'

L-8

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans®
03-DESIGN EAST

FUNCTIONAL SUPERVISOR: DOUGLAS S. JONES

CALCULATED-DESIGNED BY: VINCENT MITCHELL
CHECKED BY

REVISED BY
DATE REVISED

LAST REVISION 12-29-11
DATE PLOTTED => 02-JAN-2012
TIME PLOTTED => 16:20

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	101	43.7/43.9		

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER No. Exp. CIVIL STATE OF CALIFORNIA

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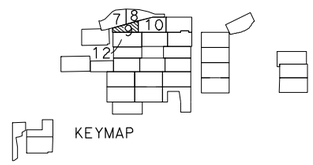
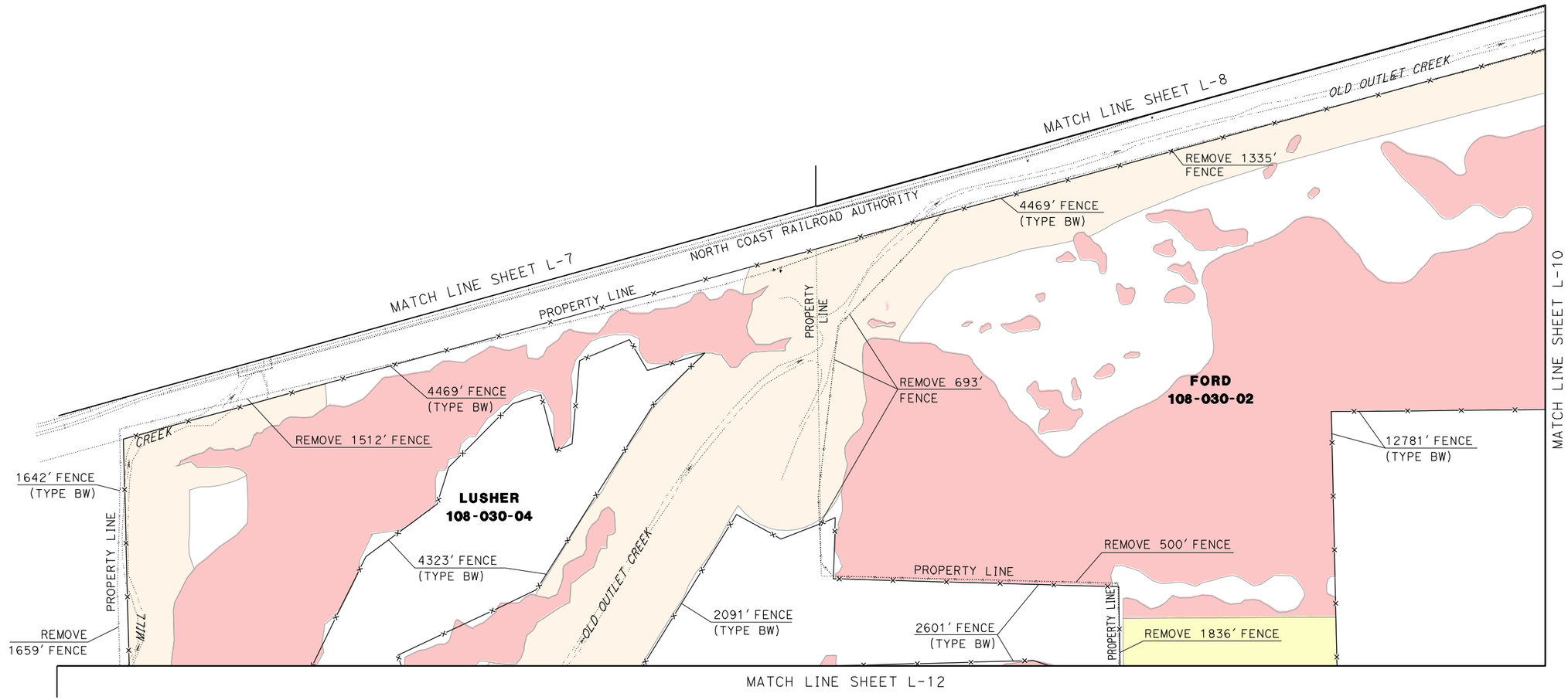


WILLITS
T18N R13 & 14W MDB&M
SEC 1 & 6

USACE MITIGATION ACTIONS

TYPE 1	GROUP 1
TYPE 2	GROUP 2
TYPE 3	OVERLAP
TYPE 4	CREDIT
TYPE 5	NO CREDIT



LAYOUT
SCALE: 1"=100'

L-9

REVISED BY	DATE REVISED

VINCENT MITCHELL

CALCULATED-DESIGNED BY
CHECKED BY

FUNCTIONAL SUPERVISOR
DOUGLAS S. JONES

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans®
03-DESIGN EAST

LAST REVISION 12-29-11
DATE PLOTTED => 02-JAN-2012
TIME PLOTTED => 16:21

NOTES:

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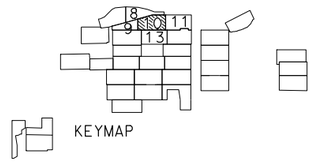

WILLITS
T18N R13 & 14W MDB&M
SEC 1, 6, 7 & 12

USACE MITIGATION ACTIONS

TYPE 1	GROUP 1
TYPE 2	GROUP 2
TYPE 3	OVERLAP
TYPE 4	CREDIT
TYPE 5	NO CREDIT

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	101	43.7/43.9		

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER No. Exp. CIVIL STATE OF CALIFORNIA

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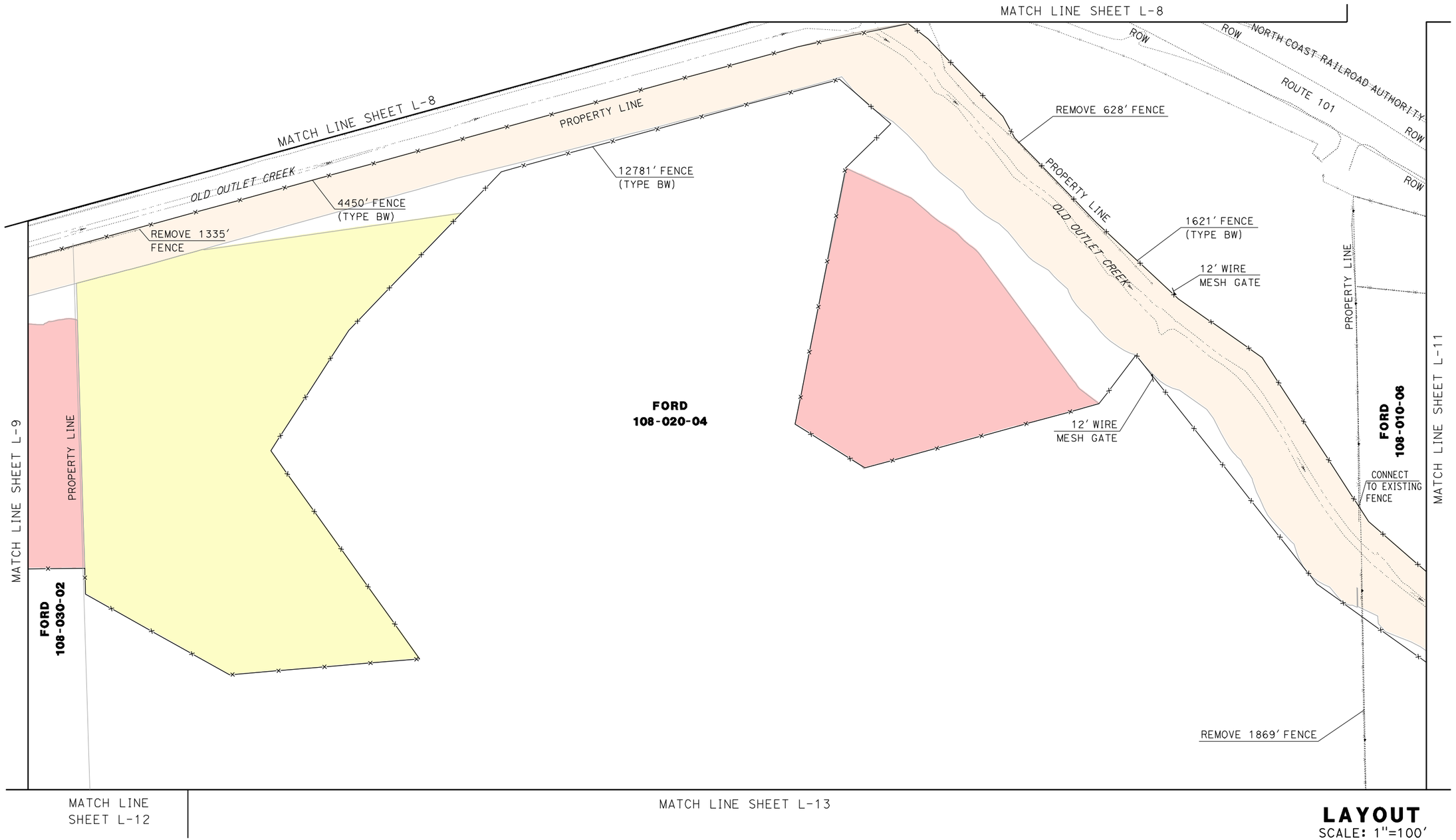

LAYOUT
SCALE: 1"=100'

L-10

REVISED BY	DATE REVISED
VINCENT MITCHELL	
CALCULATED-DESIGNED BY	CHECKED BY
FUNCTIONAL SUPERVISOR	
DOUGLAS S. JONES	

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
03-DESIGN EAST

LAST REVISION 12-29-11
DATE PLOTTED => 02-JAN-2012
TIME PLOTTED => 16:21

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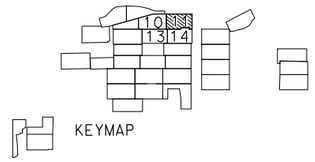
2. COORDINATE VALUES SHOWN ARE CCS83 ZONE 2. MULTIPLY BY 0.99995 TO OBTAIN GROUND DISTANCES.
3. LOCATION TO BE DETERMINED BY ENGINEER.



KEYMAP

WILLITS
T18 & 19N R13W MDB&M
SEC 6 & 31

USACE MITIGATION ACTIONS

TYPE 1	GROUP 1
TYPE 2	GROUP 2
TYPE 3	OVERLAP
TYPE 4	CREDIT
TYPE 5	NO CREDIT

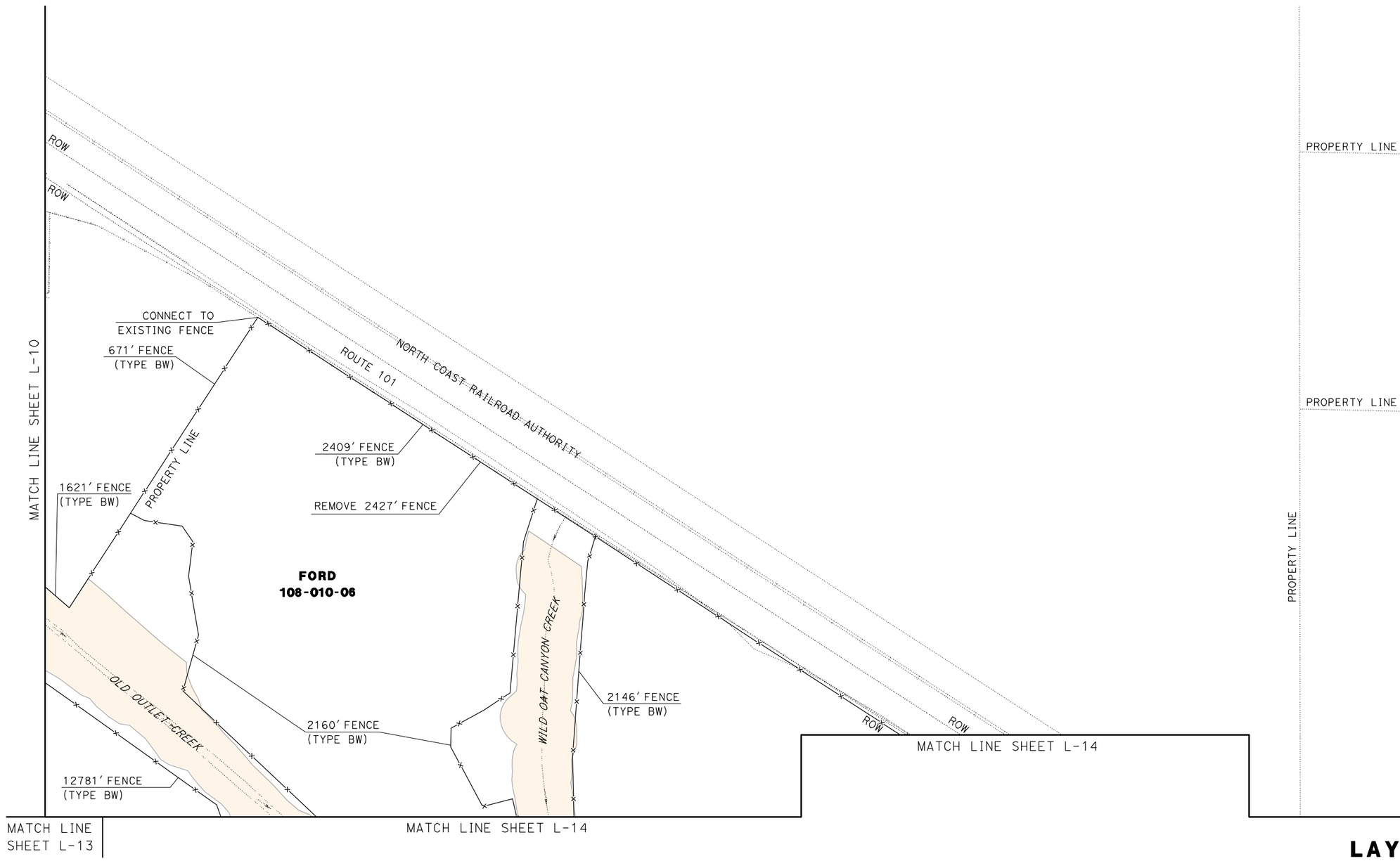
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	101	43.7/43.9		

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER No. Exp. CIVIL STATE OF CALIFORNIA

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



LAYOUT
SCALE: 1"=100'

L-11

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® **03-DESIGN EAST**

FUNCTIONAL SUPERVISOR: DOUGLAS S. JONES

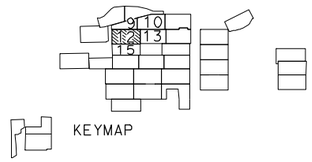
CALCULATED-DESIGNED BY: VINCENT MITCHELL
CHECKED BY

REVISED BY
DATE REVISED

LAST REVISION 12-29-11
DATE PLOTTED => 02-JAN-2012
TIME PLOTTED => 16:21

NOTES:

1. FOR COMPLETE PROPERTY BOUNDARY DATA, SEE R/W RECORD MAPS AT DISTRICT OFFICE.
2. COORDINATE VALUES SHOWN ARE CCS83 ZONE 2. MULTIPLY BY 0.99995 TO OBTAIN GROUND DISTANCES.
3. LOCATION TO BE DETERMINED BY ENGINEER.



WILLITS
T18N R13W MDB&M
SEC 6 & 7

USACE MITIGATION ACTIONS

TYPE 1	GROUP 1
TYPE 2	GROUP 2
TYPE 3	OVERLAP
TYPE 4	CREDIT
TYPE 5	NO CREDIT

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	101	43.7/43.9		

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER No. Exp. CIVIL STATE OF CALIFORNIA

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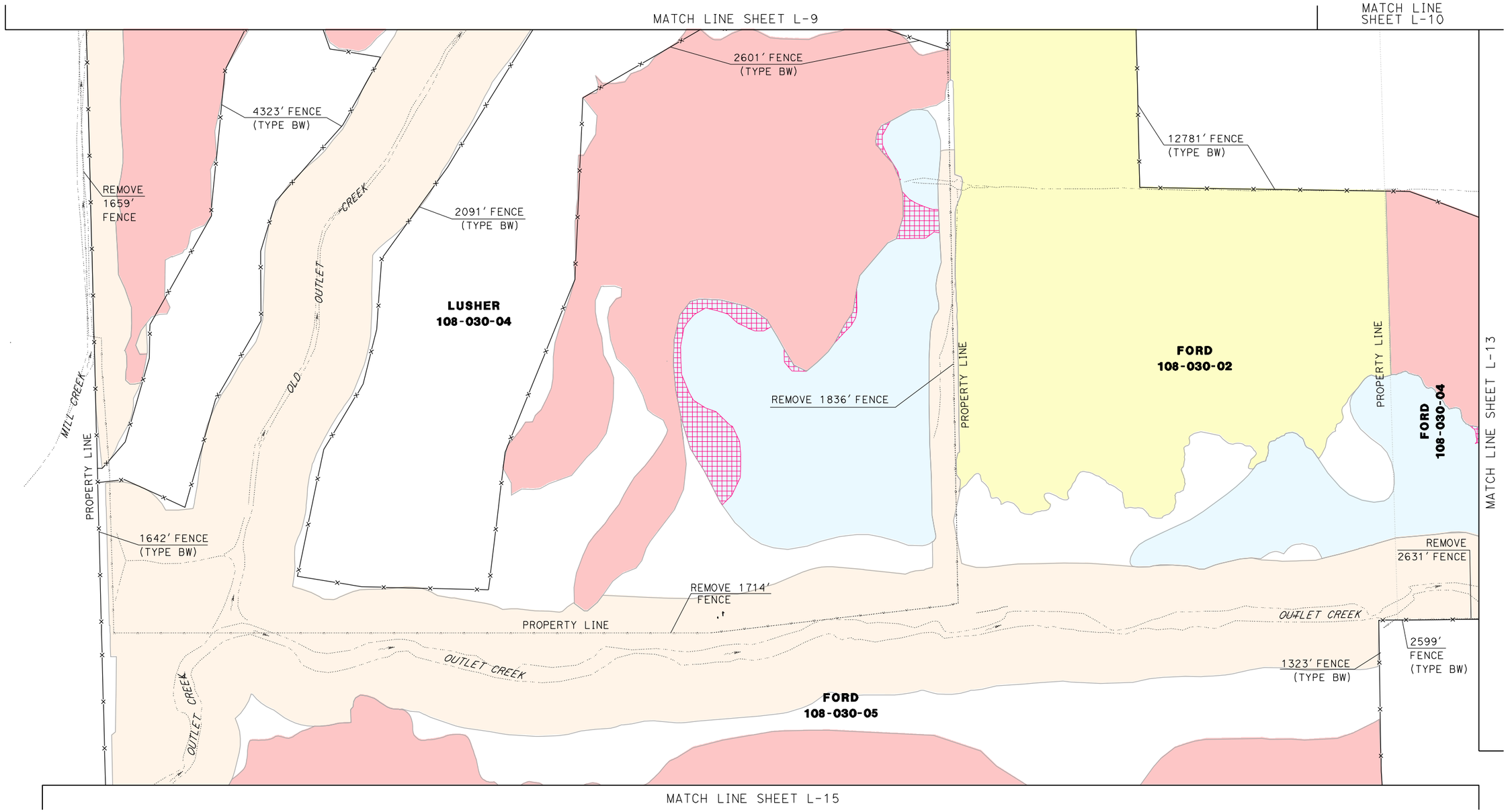


LAYOUT

SCALE: 1"=100'

L-12

REVISED BY	DATE REVISED

VINCENT MITCHELL

CALCULATED-DESIGNED BY

CHECKED BY

FUNCTIONAL SUPERVISOR

DOUGLAS S. JONES

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans

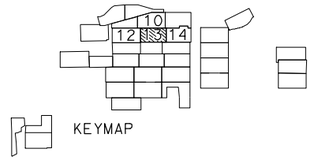
03-DESIGN EAST

LAST REVISION 12-29-11

DATE PLOTTED => 02-JAN-2012
TIME PLOTTED => 16:21

NOTES:

1. FOR COMPLETE PROPERTY BOUNDARY DATA, SEE R/W RECORD MAPS AT DISTRICT OFFICE.
2. COORDINATE VALUES SHOWN ARE CCS83 ZONE 2. MULTIPLY BY 0.99995 TO OBTAIN GROUND DISTANCES.
3. LOCATION TO BE DETERMINED BY ENGINEER.



WILLITS
T18N R13W MDB&M
SEC 6

USACE MITIGATION ACTIONS

TYPE 1	GROUP 1
TYPE 2	GROUP 2
TYPE 3	OVERLAP
TYPE 4	CREDIT
TYPE 5	NO CREDIT

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	101	43.7/43.9		

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER No. Exp. CIVIL STATE OF CALIFORNIA

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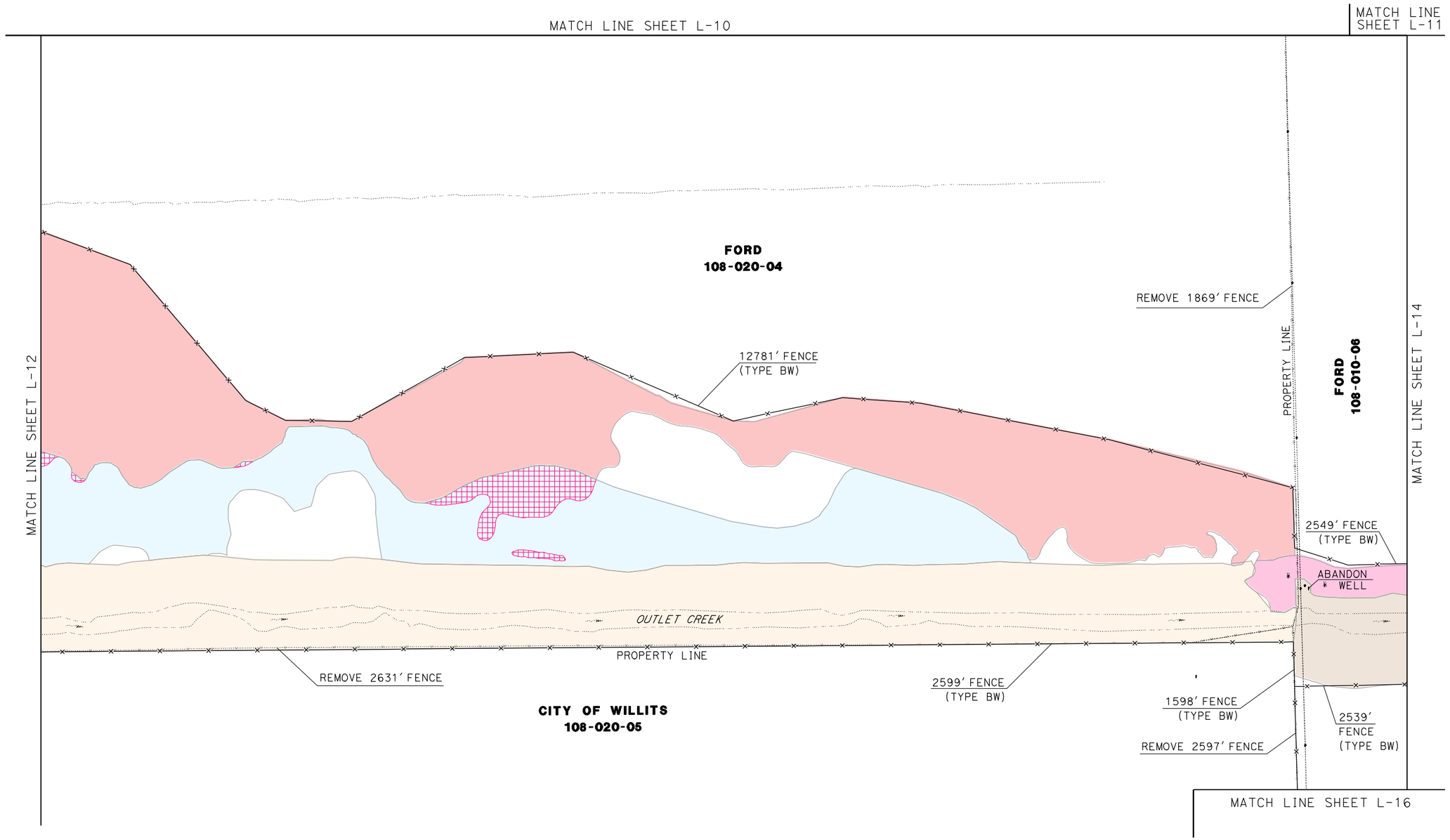

LAYOUT
SCALE: 1"=100'

L-13

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® **03-DESIGN EAST**

FUNCTIONAL SUPERVISOR: DOUGLAS S. JONES

CALCULATED-DESIGNED BY: VINCENT MITCHELL
CHECKED BY

REVISED BY
DATE REVISED

LAST REVISION 12-29-11
DATE PLOTTED => 02-JAN-2012
TIME PLOTTED => 16:21

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	101	43.7/43.9		

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER No. Exp. CIVIL STATE OF CALIFORNIA

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NOTES:

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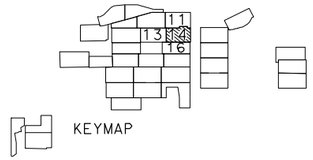
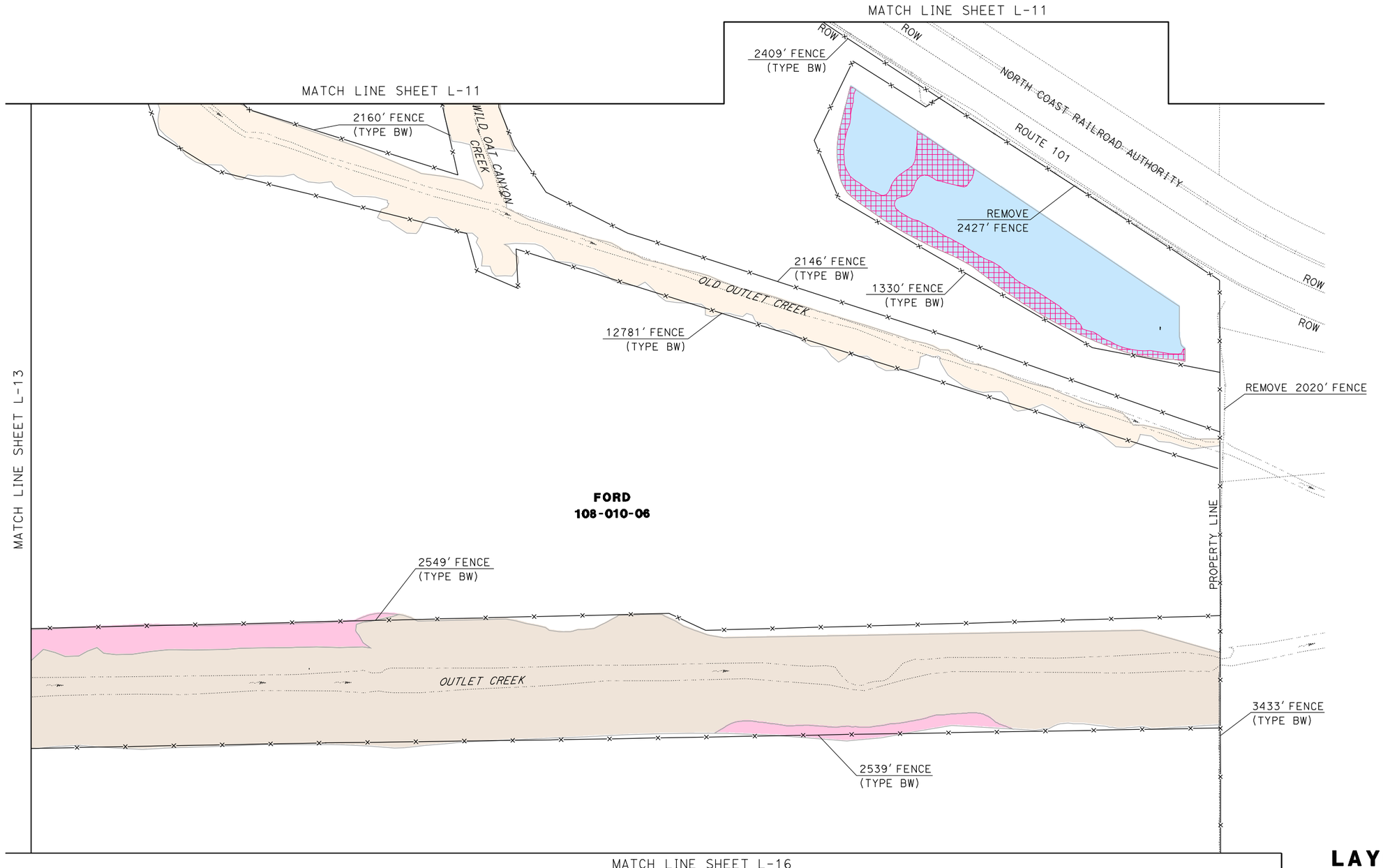
3. LOCATION TO BE DETERMINED BY ENGINEER.



WILLITS
T18 & 19N R13W MDB&M
SEC 6 & 31

USACE MITIGATION ACTIONS

TYPE 1	GROUP 1
TYPE 2	GROUP 2
TYPE 3	OVERLAP
TYPE 4	CREDIT
TYPE 5	NO CREDIT



LAYOUT
SCALE: 1"=100'

L-14

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
03-DESIGN EAST

FUNCTIONAL SUPERVISOR: DOUGLAS S. JONES

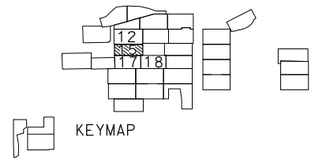
CALCULATED-DESIGNED BY: VINCENT MITCHELL
CHECKED BY

REVISED BY
DATE REVISED

LAST REVISION 12-29-11
DATE PLOTTED => 02-JAN-2012
TIME PLOTTED => 16:22

NOTES:

1. FOR COMPLETE PROPERTY BOUNDARY DATA, SEE R/W RECORD MAPS AT DISTRICT OFFICE.
2. COORDINATE VALUES SHOWN ARE CCS83 ZONE 2. MULTIPLY BY 0.99995 TO OBTAIN GROUND DISTANCES.
3. LOCATION TO BE DETERMINED BY ENGINEER.



WILLITS
T18N R13W MDB&M
SEC 6 & 7

USACE MITIGATION ACTIONS

TYPE 1	GROUP 1
TYPE 2	GROUP 2
TYPE 3	OVERLAP
TYPE 4	CREDIT
TYPE 5	NO CREDIT

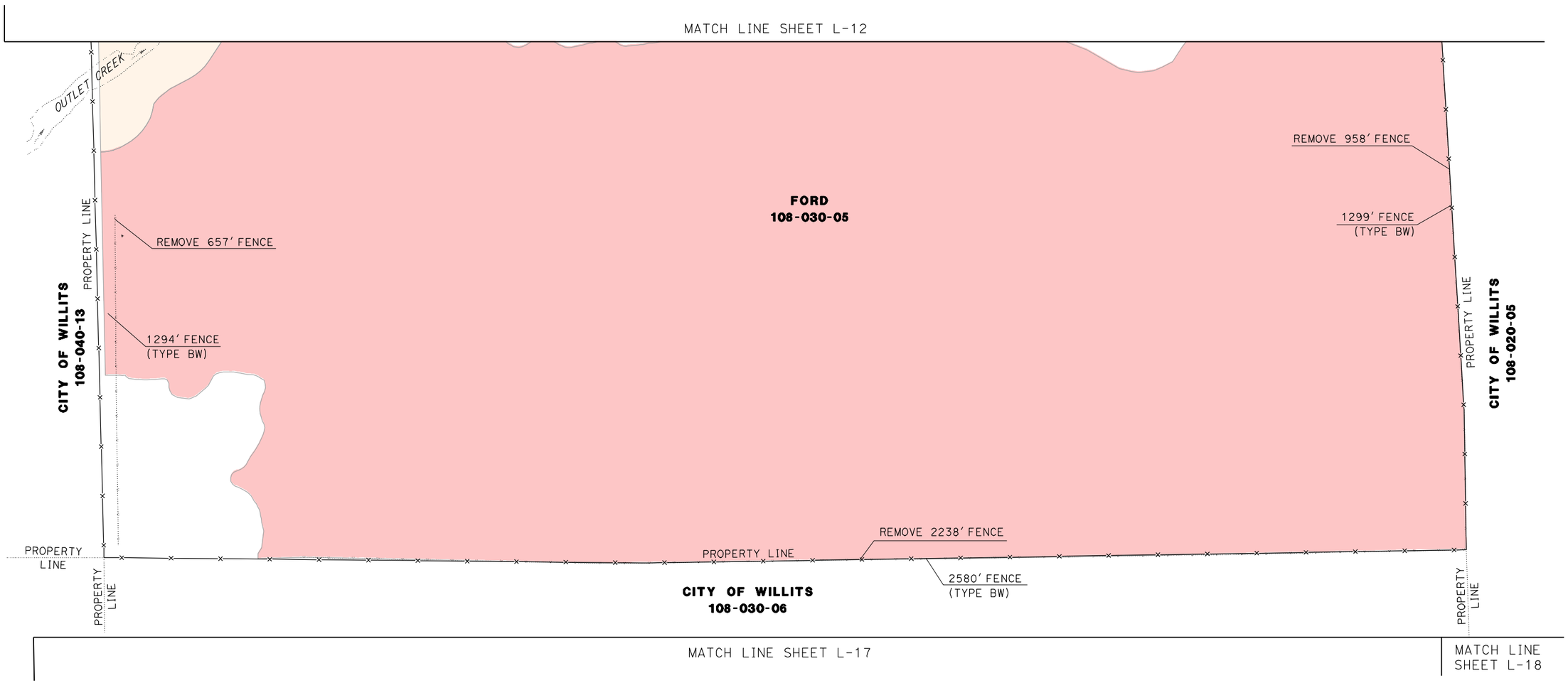
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	101	43.7/43.9		

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER No. Exp. CIVIL STATE OF CALIFORNIA

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



LAYOUT
SCALE: 1"=100'

L-15

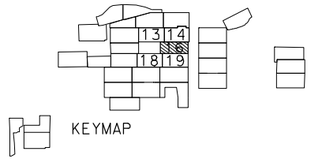
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® **03-DESIGN EAST**

FUNCTIONAL SUPERVISOR: DOUGLAS S. JONES
CALCULATED-DESIGNED BY: VINCENT MITCHELL
CHECKED BY
REVISED BY
DATE REVISED

LAST REVISION 12-29-11
DATE PLOTTED => 02-JAN-2012
TIME PLOTTED => 16:22

NOTES:

1. FOR COMPLETE PROPERTY BOUNDARY DATA, SEE R/W RECORD MAPS AT DISTRICT OFFICE.
2. COORDINATE VALUES SHOWN ARE CCS83 ZONE 2. MULTIPLY BY 0.99995 TO OBTAIN GROUND DISTANCES.
3. LOCATION TO BE DETERMINED BY ENGINEER.



KEYMAP

WILLITS
T18N R13W MDB&M
SEC 6

USACE MITIGATION ACTIONS

TYPE 1	GROUP 1
TYPE 2	GROUP 2
TYPE 3	OVERLAP
TYPE 4	CREDIT
TYPE 5	NO CREDIT

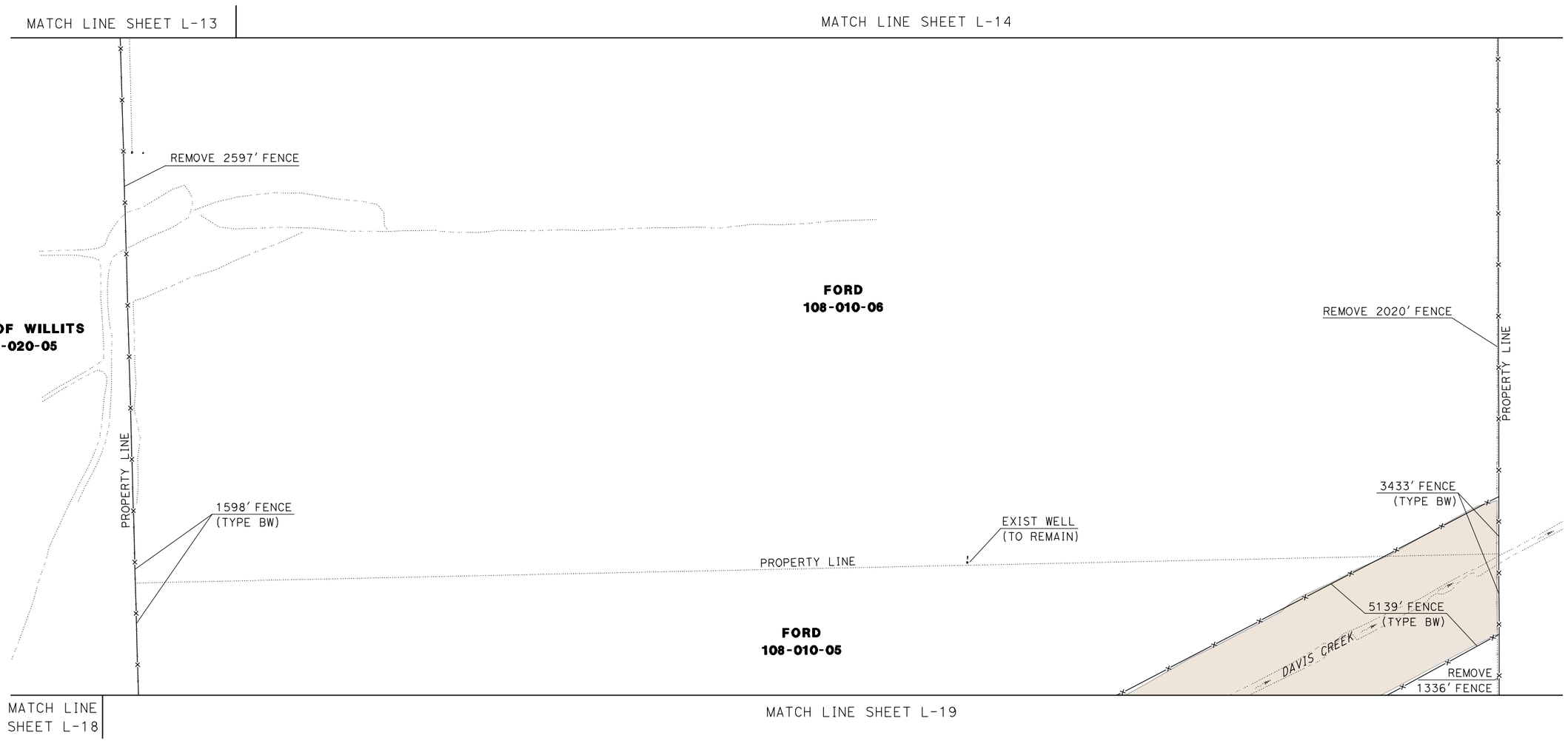
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	101	43.7/43.9		

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER No. Exp. CIVIL STATE OF CALIFORNIA

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



LAYOUT
SCALE: 1"=100'

L-16

REVISED BY	DATE REVISED

VINCENT MITCHELL

CALCULATED-DESIGNED BY

CHECKED BY

FUNCTIONAL SUPERVISOR

DOUGLAS S. JONES

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans

03-DESIGN EAST

LAST REVISION 12-29-11

DATE PLOTTED => 02-JAN-2012
TIME PLOTTED => 16:22

NOTES:

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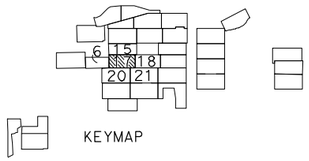
3. LOCATION TO BE DETERMINED BY ENGINEER.



KEYMAP

WILLITS
T18N R13W MDB&M
SEC 7 & 8

USACE MITIGATION ACTIONS

TYPE 1	GROUP 1
TYPE 2	GROUP 2
TYPE 3	OVERLAP
TYPE 4	CREDIT
TYPE 5	NO CREDIT

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	101	43.7/43.9		

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER No. Exp. CIVIL STATE OF CALIFORNIA

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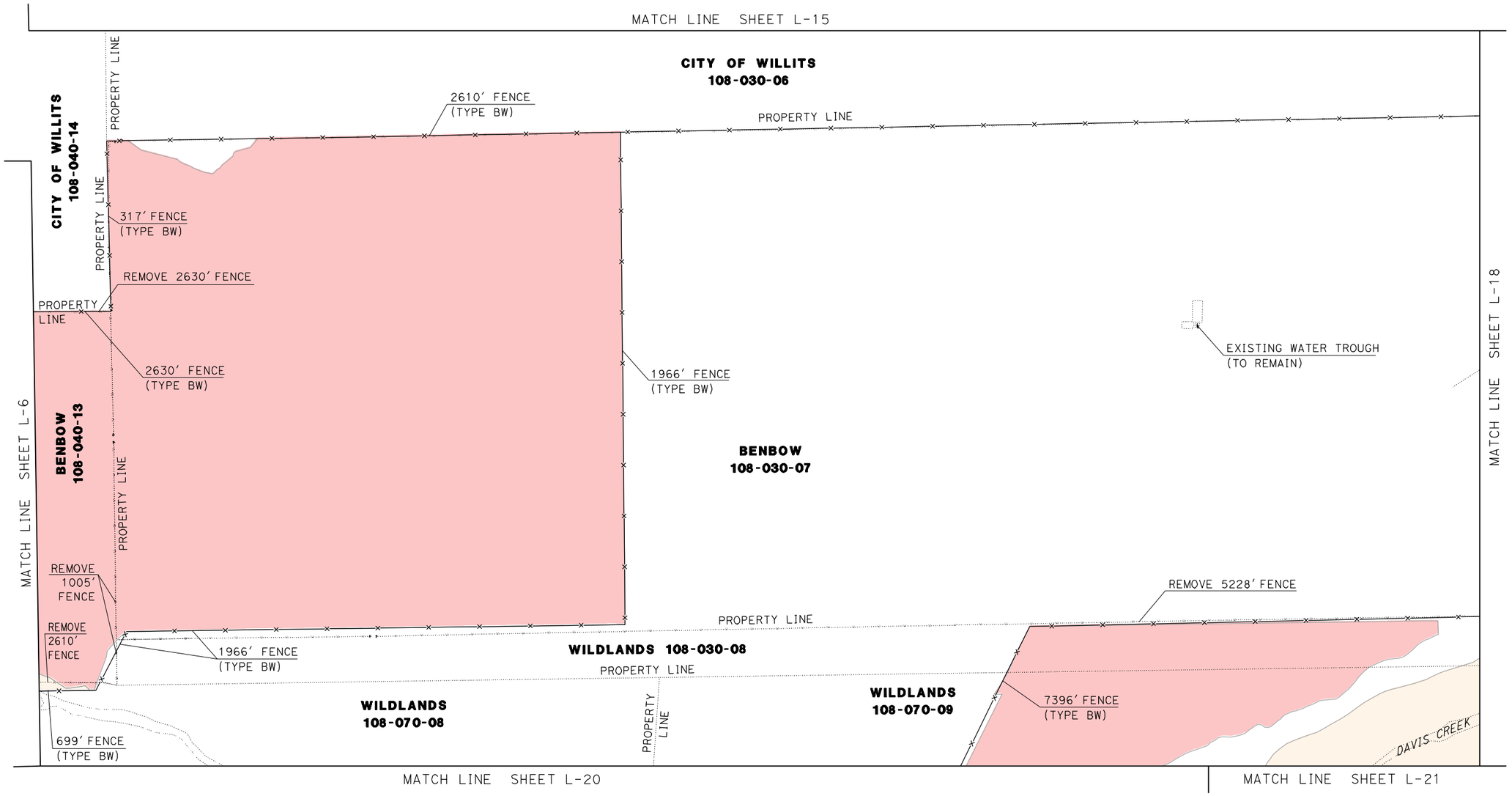

LAYOUT
SCALE: 1"=100'

L-17

REVISED BY	DATE REVISED
VINCENT MITCHELL	

CALCULATED-DESIGNED BY	CHECKED BY

FUNCTIONAL SUPERVISOR
DOUGLAS S. JONES

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
03-DESIGN EAST

LAST REVISION 12-29-11
DATE PLOTTED => 04-JAN-2012
TIME PLOTTED => 11:42

NOTES:

1. FOR COMPLETE PROPERTY BOUNDARY DATA, SEE R/W RECORD MAPS AT DISTRICT OFFICE.
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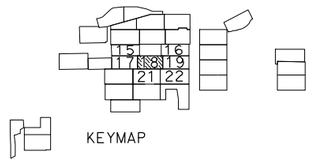
3. LOCATION TO BE DETERMINED BY ENGINEER.



WILLITS
T18N R13W MDB&M
SEC 5, 6 & 7

USACE MITIGATION ACTIONS

TYPE 1	GROUP 1
TYPE 2	GROUP 2
TYPE 3	OVERLAP
TYPE 4	CREDIT
TYPE 5	NO CREDIT

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	101	43.7/43.9		

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER No. Exp. CIVIL STATE OF CALIFORNIA

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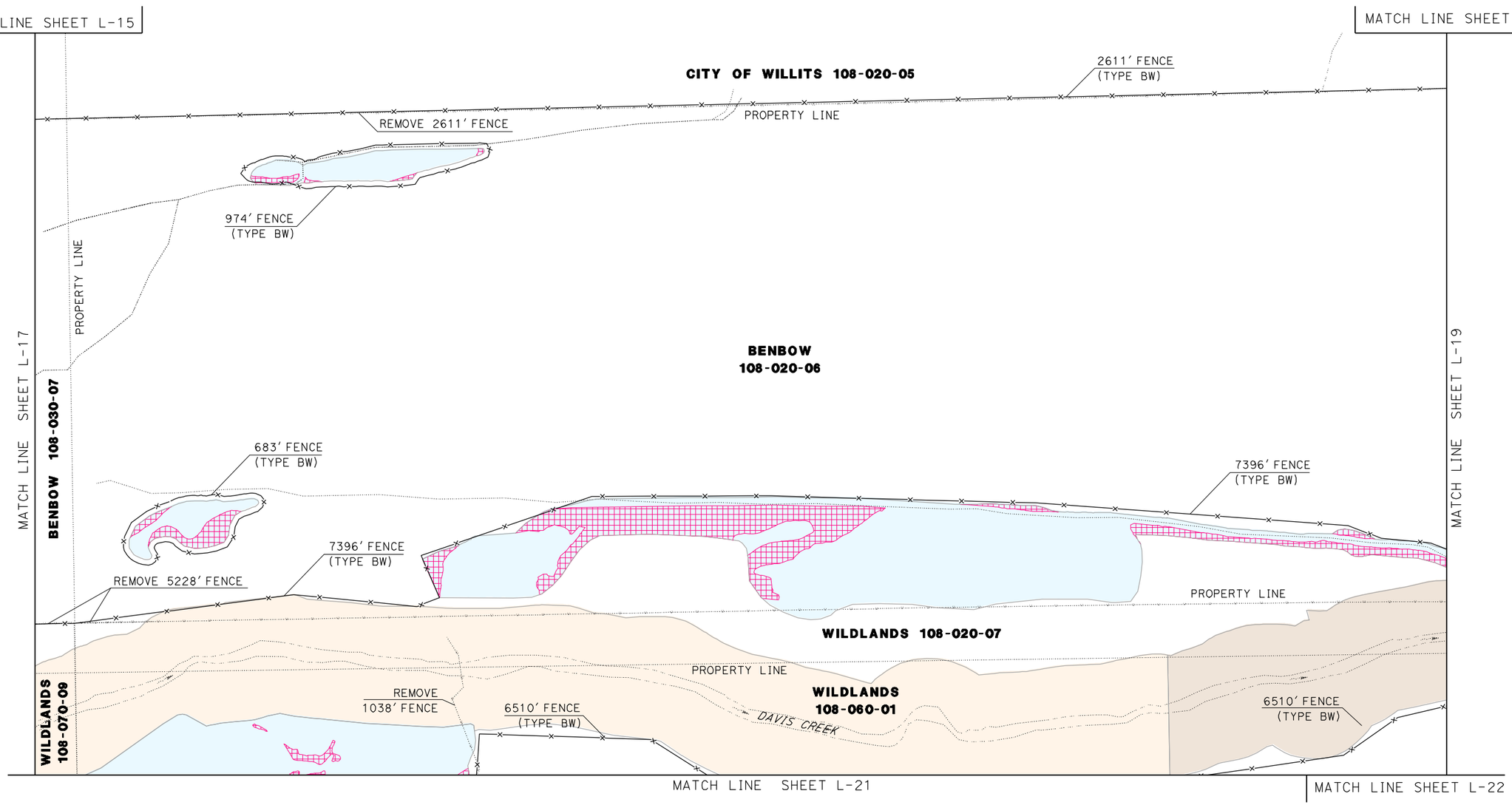

LAYOUT
SCALE: 1"=100'

L-18

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
03-DESIGN EAST

FUNCTIONAL SUPERVISOR: DOUGLAS S. JONES
CALCULATED-DESIGNED BY
CHECKED BY
VINCENT MITCHELL
REVISED BY
DATE REVISED

LAST REVISION 12-29-11
DATE PLOTTED => 04-JAN-2012
TIME PLOTTED => 11:43

NOTES:

1. FOR COMPLETE PROPERTY BOUNDARY DATA, SEE R/W RECORD MAPS AT DISTRICT OFFICE.
2. COORDINATE VALUES SHOWN ARE CCS83 ZONE 2. MULTIPLY BY 0.99995 TO OBTAIN GROUND DISTANCES.
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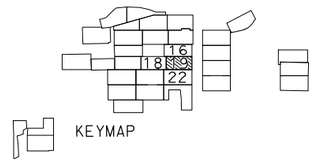

WILLITS
T18 & 19N R13W MDB&M
SEC 5, 6, 31 & 32

USACE MITIGATION ACTIONS

TYPE 1	GROUP 1
TYPE 2	GROUP 2
TYPE 3	OVERLAP
TYPE 4	CREDIT
TYPE 5	NO CREDIT

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	101	43.7/43.9		

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER No. Exp. CIVIL STATE OF CALIFORNIA

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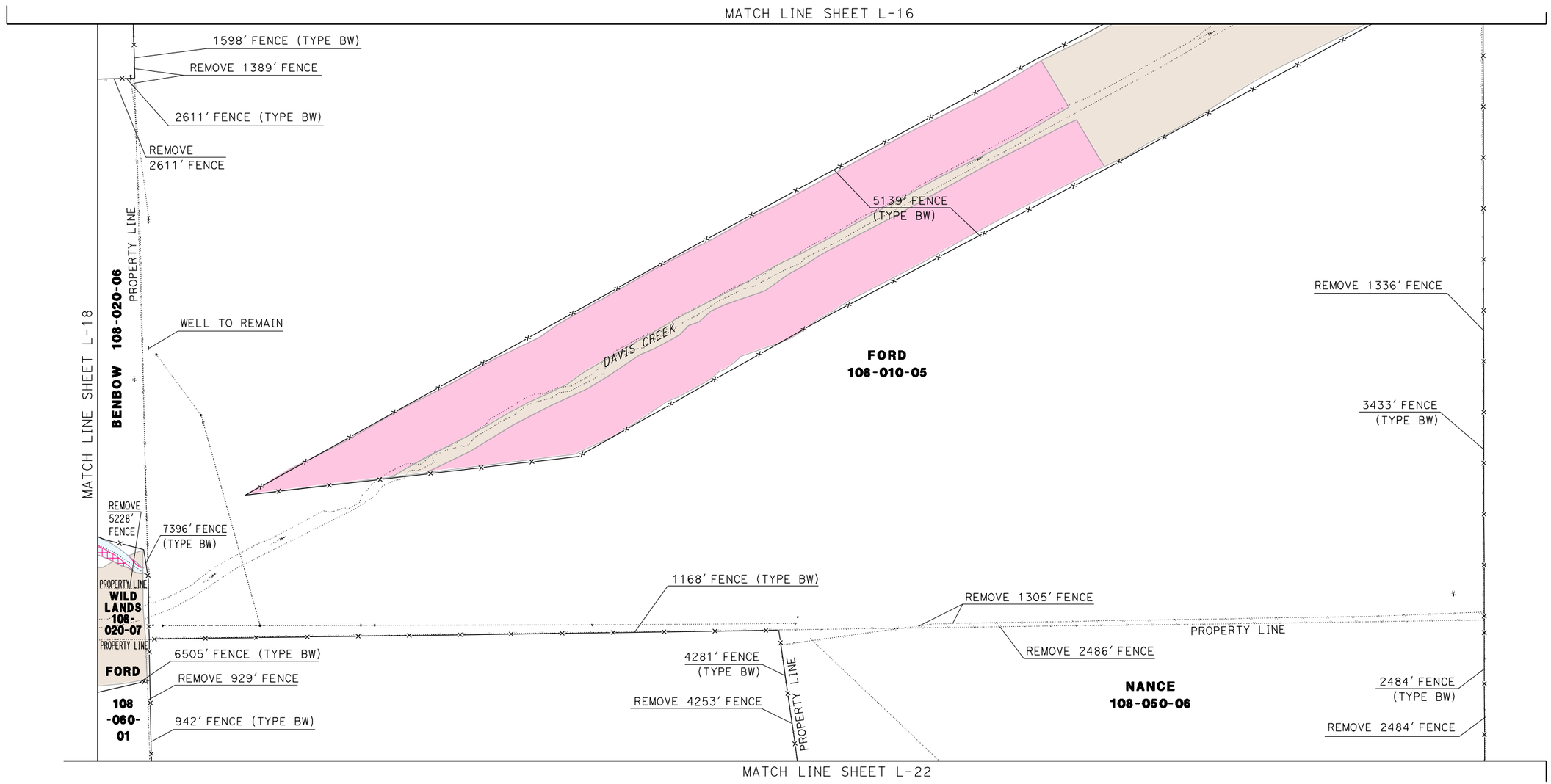

LAYOUT
SCALE: 1"=100'

L-19

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® **03-DESIGN EAST**

FUNCTIONAL SUPERVISOR: DOUGLAS S. JONES

CALCULATED-DESIGNED BY: VINCENT MITCHELL
CHECKED BY

REVISED BY
DATE REVISED

LAST REVISION 12-29-11
DATE PLOTTED => 04-JAN-2012
TIME PLOTTED => 11:43

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	101	43.7/43.9		

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER No. Exp. CIVIL STATE OF CALIFORNIA

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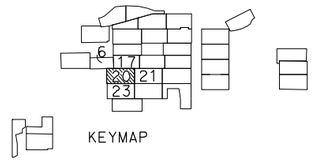
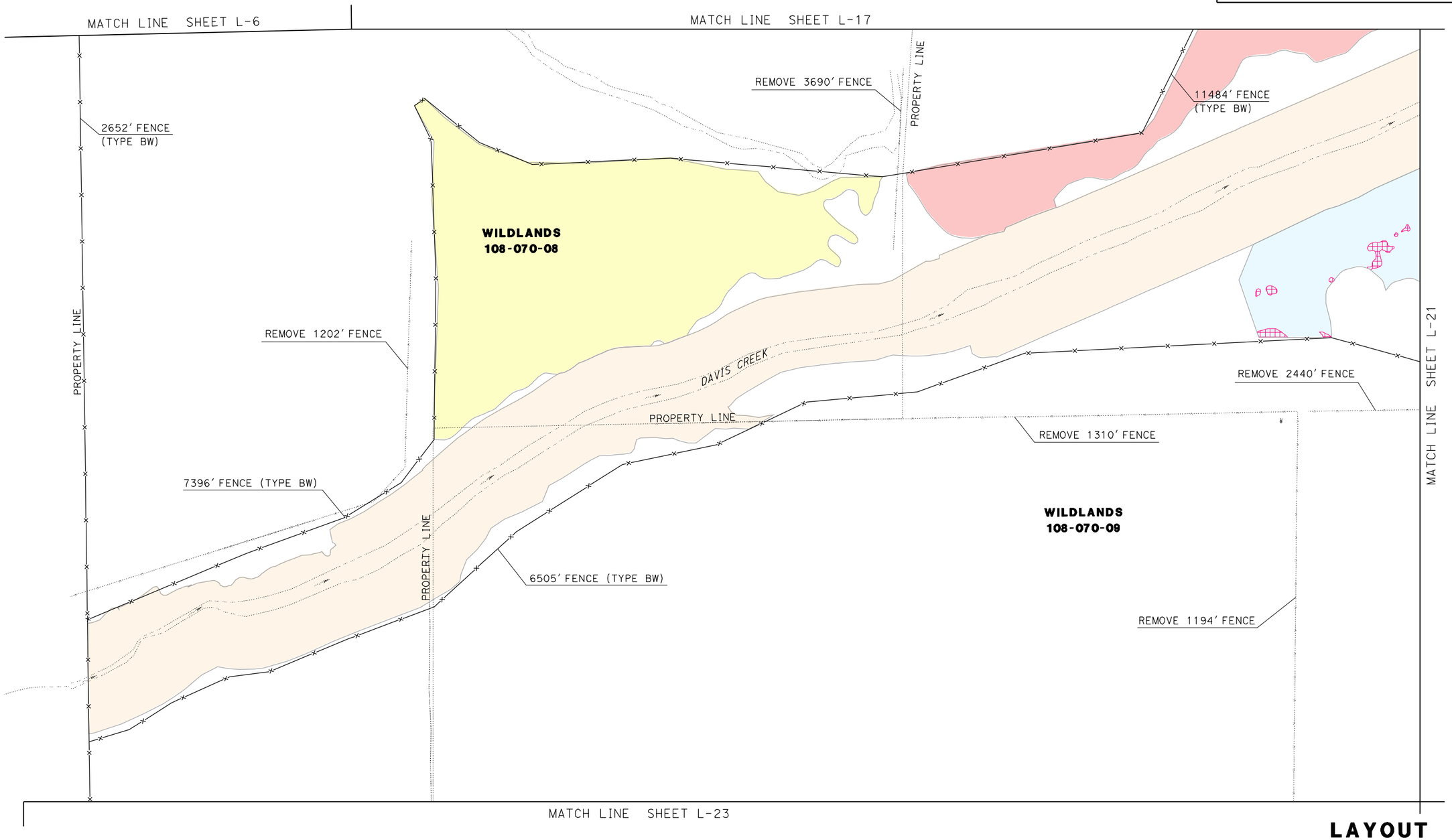


WILLITS
T18N R13W MDB&M
SEC 8

USACE MITIGATION ACTIONS

TYPE 1	GROUP 1
TYPE 2	GROUP 2
TYPE 3	OVERLAP
TYPE 4	CREDIT
TYPE 5	NO CREDIT



LAYOUT
SCALE: 1"=100'

L-20

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® **03-DESIGN EAST**

FUNCTIONAL SUPERVISOR: DOUGLAS S. JONES

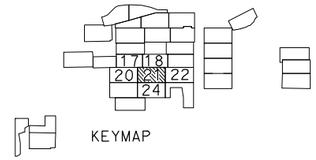
CALCULATED-DESIGNED BY: VINCENT MITCHELL
CHECKED BY

REVISED BY | DATE REVISED

LAST REVISION 12-29-11
DATE PLOTTED => 04-JAN-2012
TIME PLOTTED => 11:43

NOTES:

1. FOR COMPLETE PROPERTY BOUNDARY DATA, SEE R/W RECORD MAPS AT DISTRICT OFFICE.
2. COORDINATE VALUES SHOWN ARE CCS83 ZONE 2. MULTIPLY BY 0.99995 TO OBTAIN GROUND DISTANCES.
3. LOCATION TO BE DETERMINED BY ENGINEER.



WILLITS
T18N R13W MDB&M
SEC 5 & 8

USACE MITIGATION ACTIONS

TYPE 1	GROUP 1
TYPE 2	GROUP 2
TYPE 3	OVERLAP
TYPE 4	CREDIT
TYPE 5	NO CREDIT

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	101	43.7/43.9		

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER No. Exp. CIVIL STATE OF CALIFORNIA

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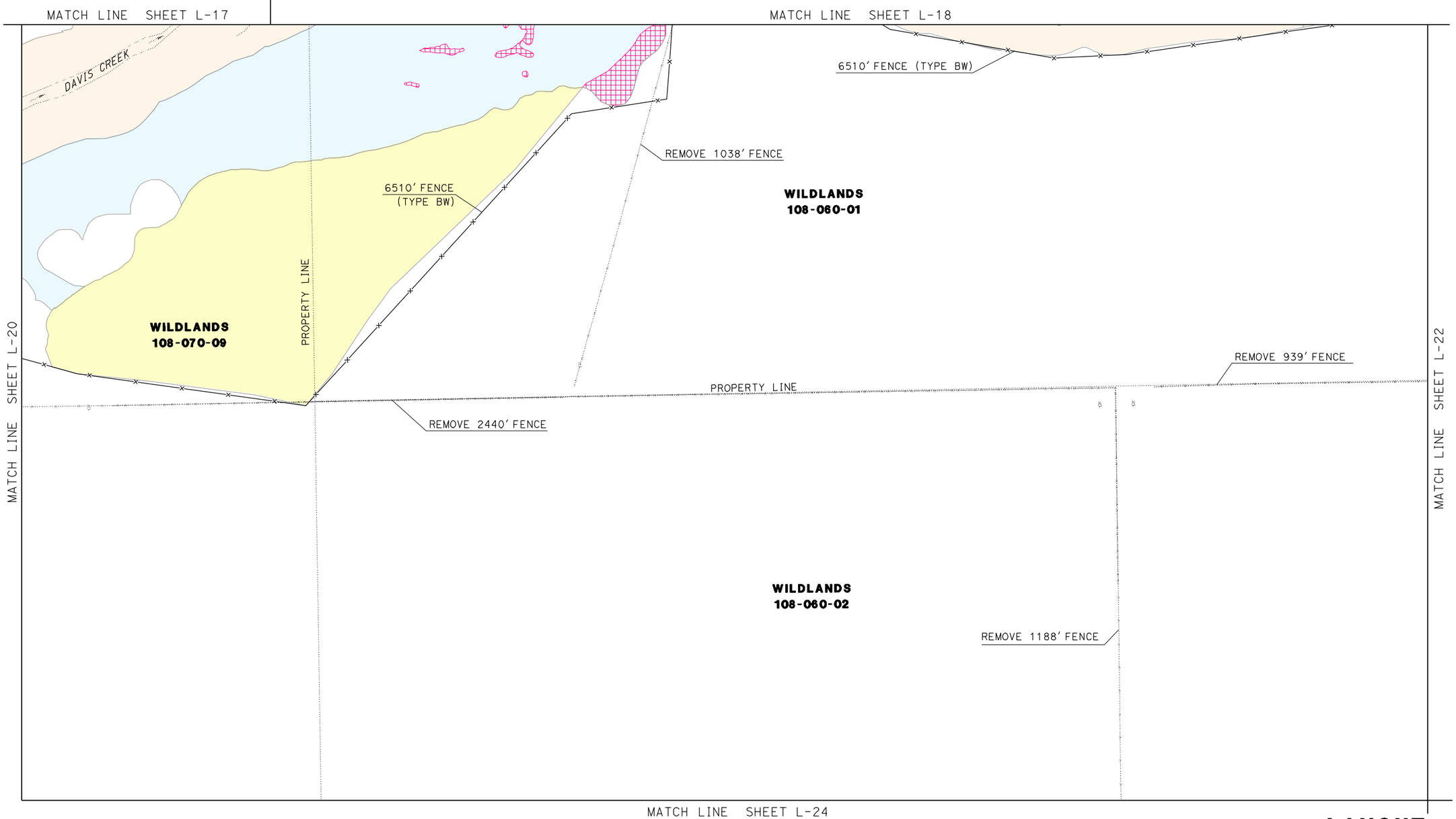

LAYOUT
SCALE: 1"=100'

L-21

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® **03-DESIGN EAST**

FUNCTIONAL SUPERVISOR: DOUGLAS S. JONES
CALCULATED-DESIGNED BY: VINCENT MITCHELL
CHECKED BY
REVISED BY
DATE REVISED

LAST REVISION 12-29-11
DATE PLOTTED => 02-JAN-2012
TIME PLOTTED => 16:23

NOTES:

1. FOR COMPLETE PROPERTY BOUNDARY DATA, SEE R/W RECORD MAPS AT DISTRICT OFFICE.
2. COORDINATE VALUES SHOWN ARE CCS83 ZONE 2. MULTIPLY BY 0.99995 TO OBTAIN GROUND DISTANCES.
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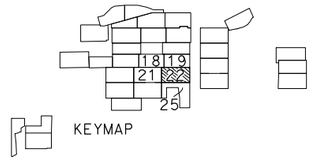

KEYMAP

WILLITS
T18 & 19N R13W MDB&M
SEC 5 & 32

USACE MITIGATION ACTIONS

TYPE 1	GROUP 1
TYPE 2	GROUP 2
TYPE 3	OVERLAP
TYPE 4	CREDIT
TYPE 5	NO CREDIT

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	101	43.7/43.9		

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER No. Exp. CIVIL STATE OF CALIFORNIA

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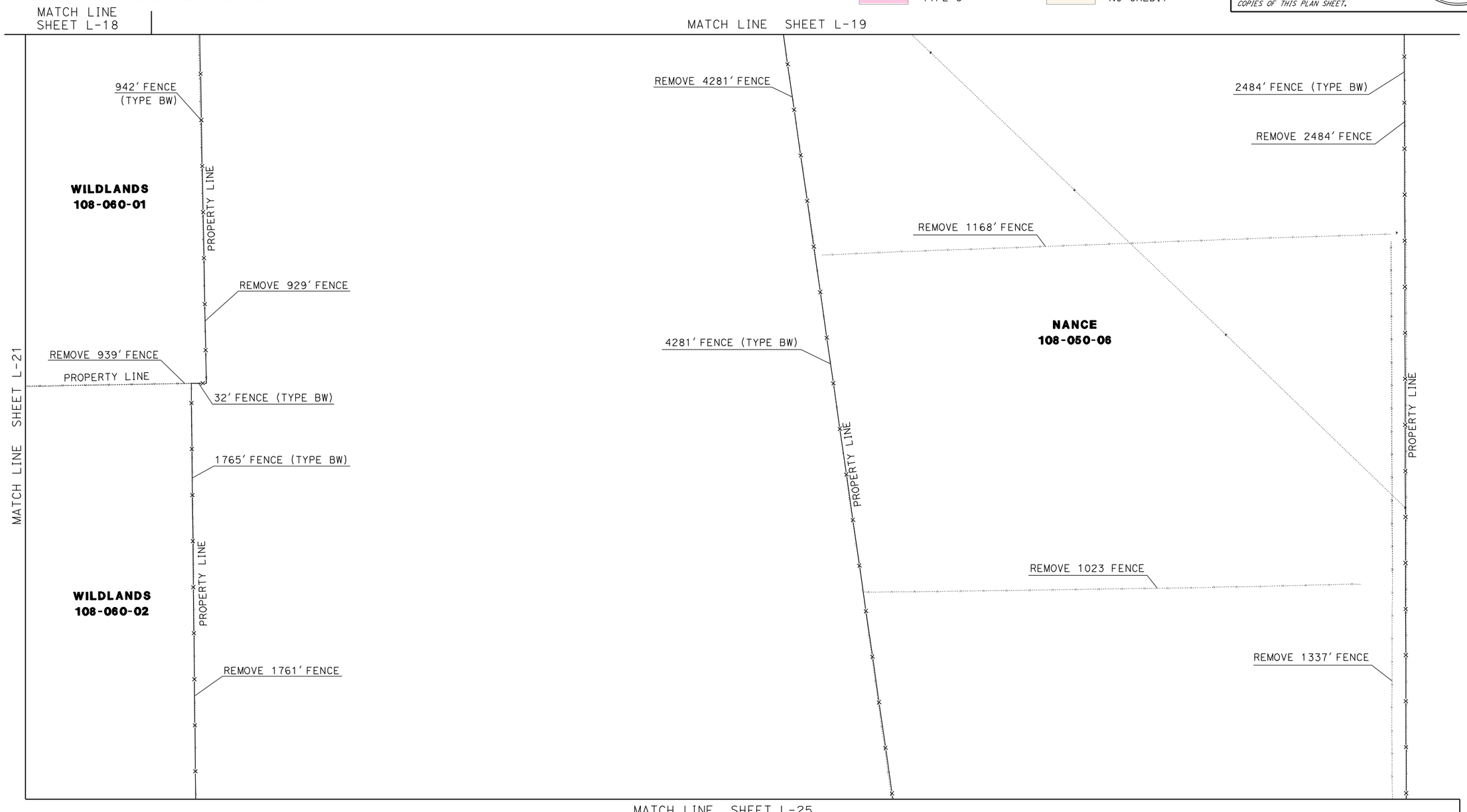


LAYOUT
SCALE: 1"=100'

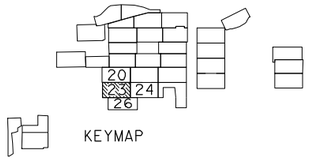
L-22

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	Caltrans® 03-DESIGN EAST
FUNCTIONAL SUPERVISOR	DOUGLAS S. JONES
CALCULATED-DESIGNED BY	VINCENT MITCHELL
CHECKED BY	
REVISED BY	
DATE REVISED	

LAST REVISION 12-29-11
DATE PLOTTED => 02-JAN-2012
TIME PLOTTED => 16:24

NOTES:

1. FOR COMPLETE PROPERTY BOUNDARY DATA, SEE R/W RECORD MAPS AT DISTRICT OFFICE.
2. COORDINATE VALUES SHOWN ARE CCS83 ZONE 2. MULTIPLY BY 0.99995 TO OBTAIN GROUND DISTANCES.
3. LOCATION TO BE DETERMINED BY ENGINEER.



KEYMAP

WILLITS
T18N R13W MDB&M
SEC 5 & 8

USACE MITIGATION ACTIONS

TYPE 1	GROUP 1
TYPE 2	GROUP 2
TYPE 3	OVERLAP
TYPE 4	CREDIT
TYPE 5	NO CREDIT

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	101	43.7/43.9		

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER No. Exp. CIVIL STATE OF CALIFORNIA

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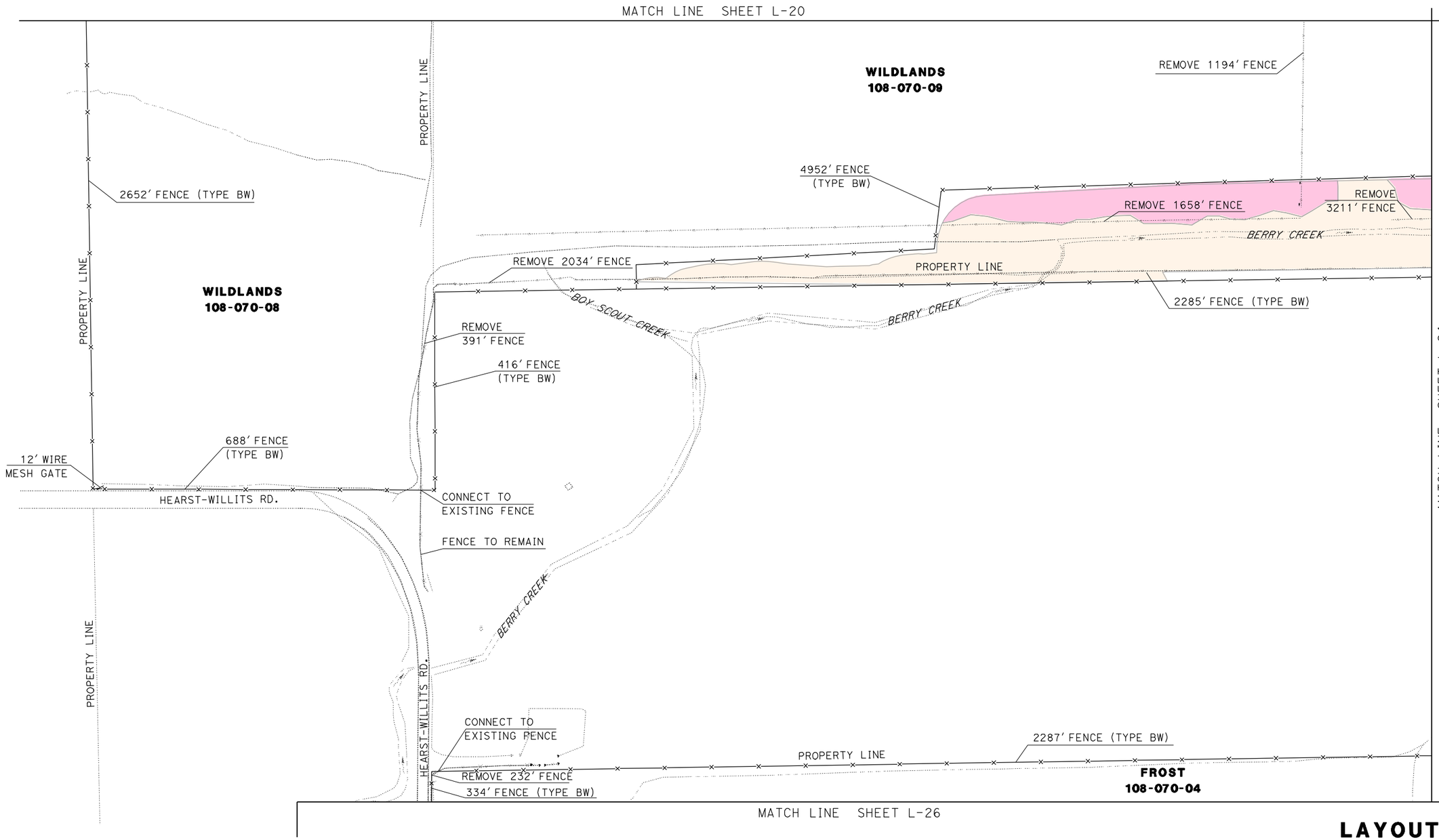

LAYOUT
SCALE: 1"=100'

L-23

REVISED BY	DATE REVISED

VINCENT MITCHELL

CALCULATED-DESIGNED BY

CHECKED BY

FUNCTIONAL SUPERVISOR

DOUGLAS S. JONES

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans®

03-DESIGN EAST

LAST REVISION 12-29-11

DATE PLOTTED => 02-JAN-2012
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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
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PLANS APPROVAL DATE

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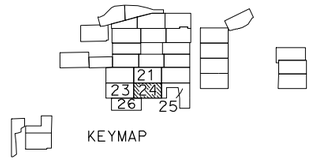
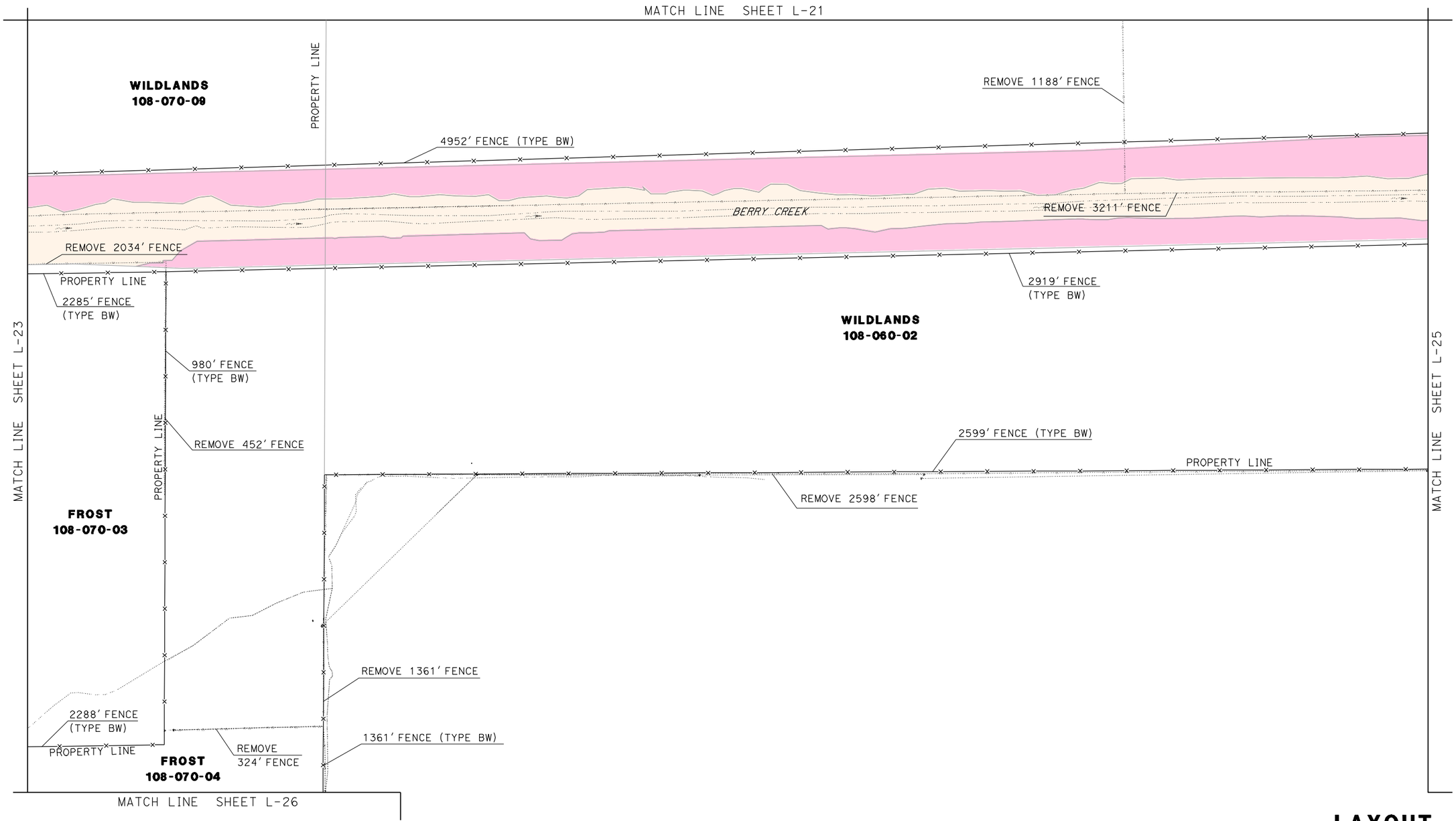


KEYMAP

WILLITS
T18N R13W MDB&M
SEC 5 & 8

USACE MITIGATION ACTIONS

TYPE 1	GROUP 1
TYPE 2	GROUP 2
TYPE 3	OVERLAP
TYPE 4	CREDIT
TYPE 5	NO CREDIT



LAYOUT
SCALE: 1"=100'

L-24

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® **03-DESIGN EAST**

FUNCTIONAL SUPERVISOR: DOUGLAS S. JONES

CALCULATED-DESIGNED BY: VINCENT MITCHELL
CHECKED BY

REVISED BY
DATE REVISED

LAST REVISION 12-29-11
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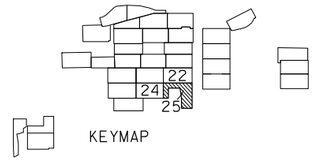

KEYMAP

WILLITS
T18 & 19N R13W MDB&M
SEC 5 & 32

USACE MITIGATION ACTIONS

TYPE 1	GROUP 1
TYPE 2	GROUP 2
TYPE 3	OVERLAP
TYPE 4	CREDIT
TYPE 5	NO CREDIT

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	101	43.7/43.9		

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER No. Exp. CIVIL STATE OF CALIFORNIA

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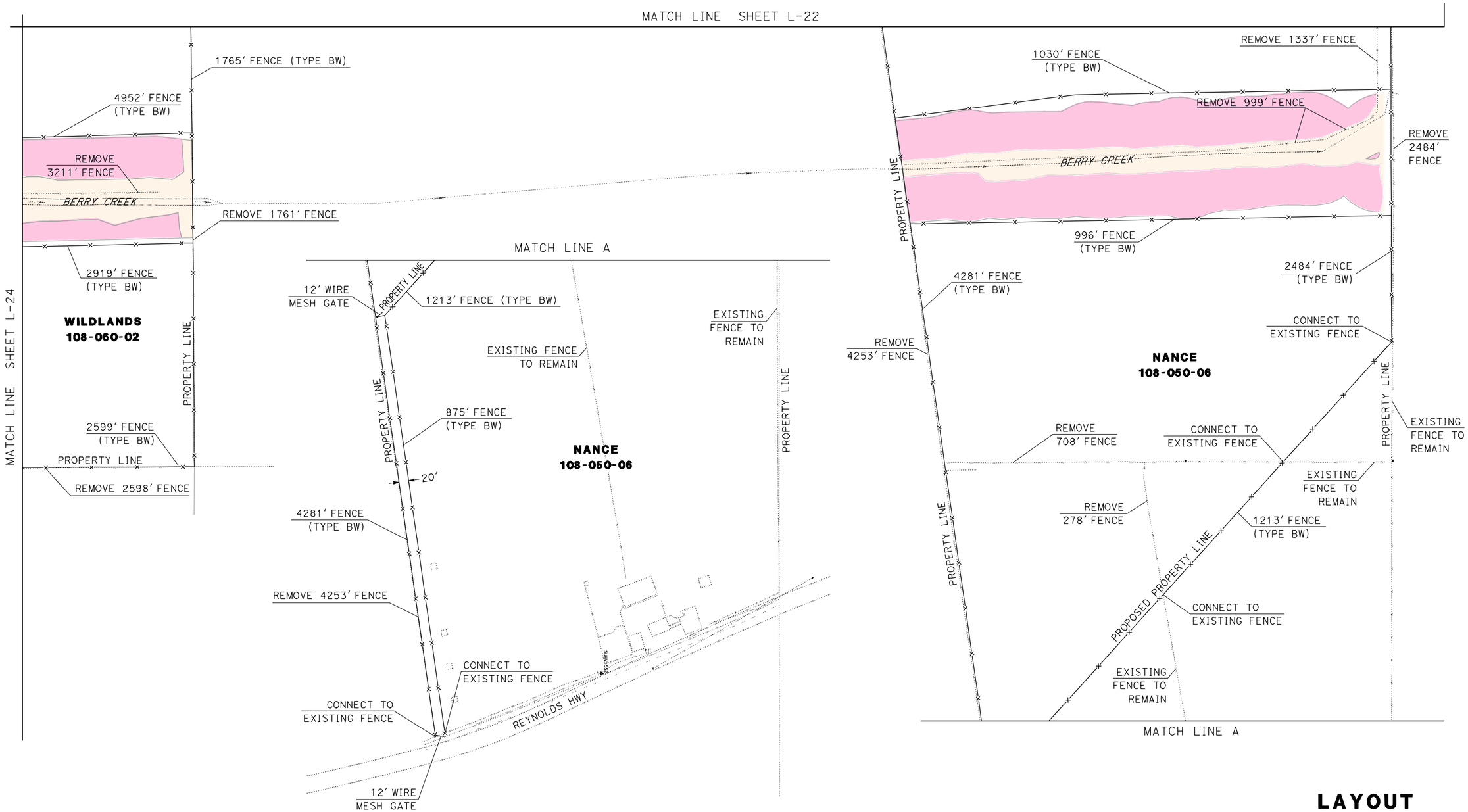

LAYOUT
SCALE: 1"=100'

L-25

REVISED BY	DATE REVISED

VINCENT MITCHELL

CALCULATED-DESIGNED BY

CHECKED BY

FUNCTIONAL SUPERVISOR

DOUGLAS S. JONES

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans®

03-DESIGN EAST

LAST REVISION 12-29-11

DATE PLOTTED => 02-JAN-2012
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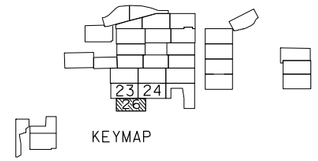

KEYMAP

WILLITS
T18N R13W MDB&M
SEC 5 & 8

USACE MITIGATION ACTIONS

TYPE 1	GROUP 1
TYPE 2	GROUP 2
TYPE 3	OVERLAP
TYPE 4	CREDIT
TYPE 5	NO CREDIT

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	101	43.7/43.9		

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER No. Exp. CIVIL STATE OF CALIFORNIA

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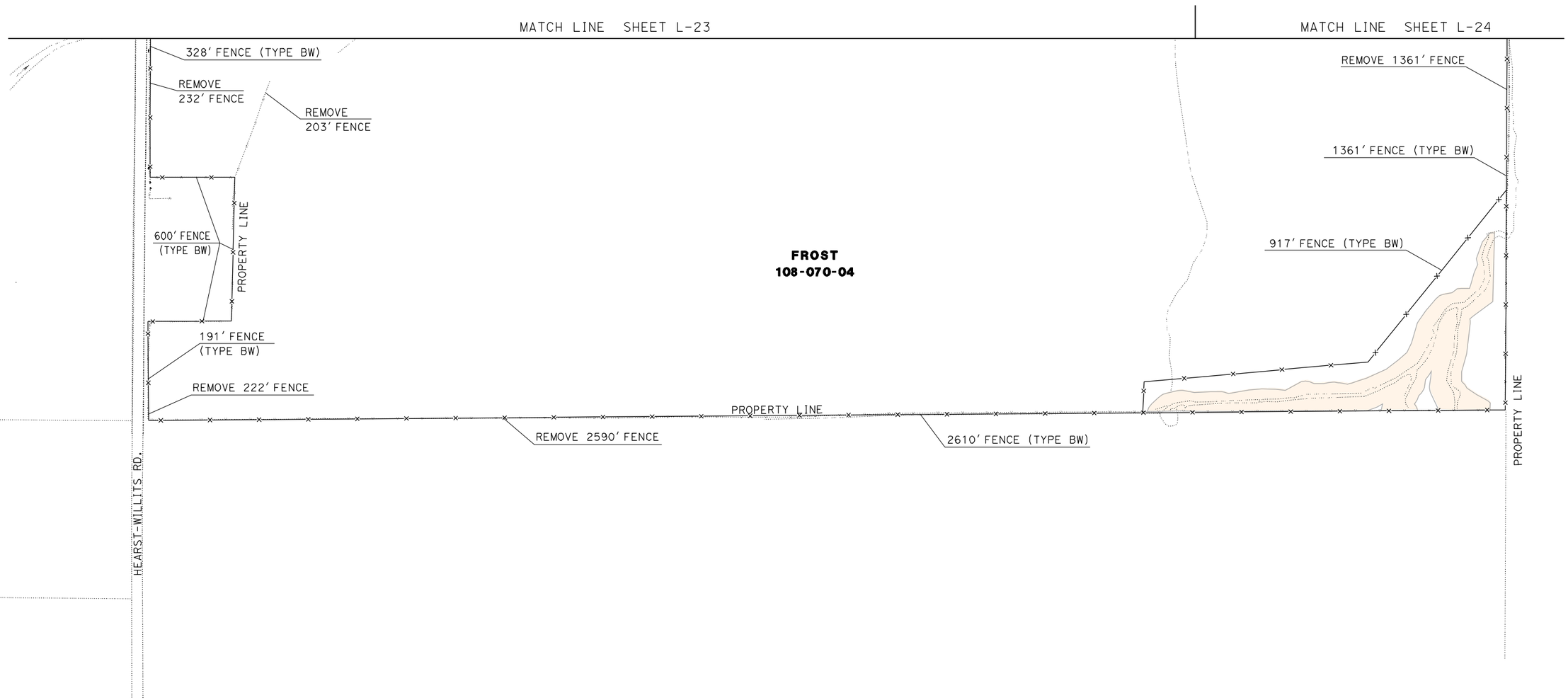

FROST
108-070-04

LAYOUT
SCALE: 1"=100'

L-26

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® 03-DESIGN EAST

FUNCTIONAL SUPERVISOR: DOUGLAS S. JONES

CALCULATED-DESIGNED BY: VINCENT MITCHELL
CHECKED BY

REVISED BY
DATE REVISED

LAST REVISION 12-29-11
DATE PLOTTED => 02-JAN-2012
TIME PLOTTED => 16:24

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	101	43.7/43.9		

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER No. Exp. CIVIL STATE OF CALIFORNIA

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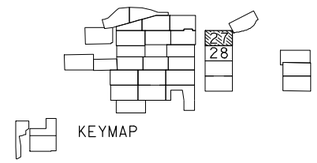
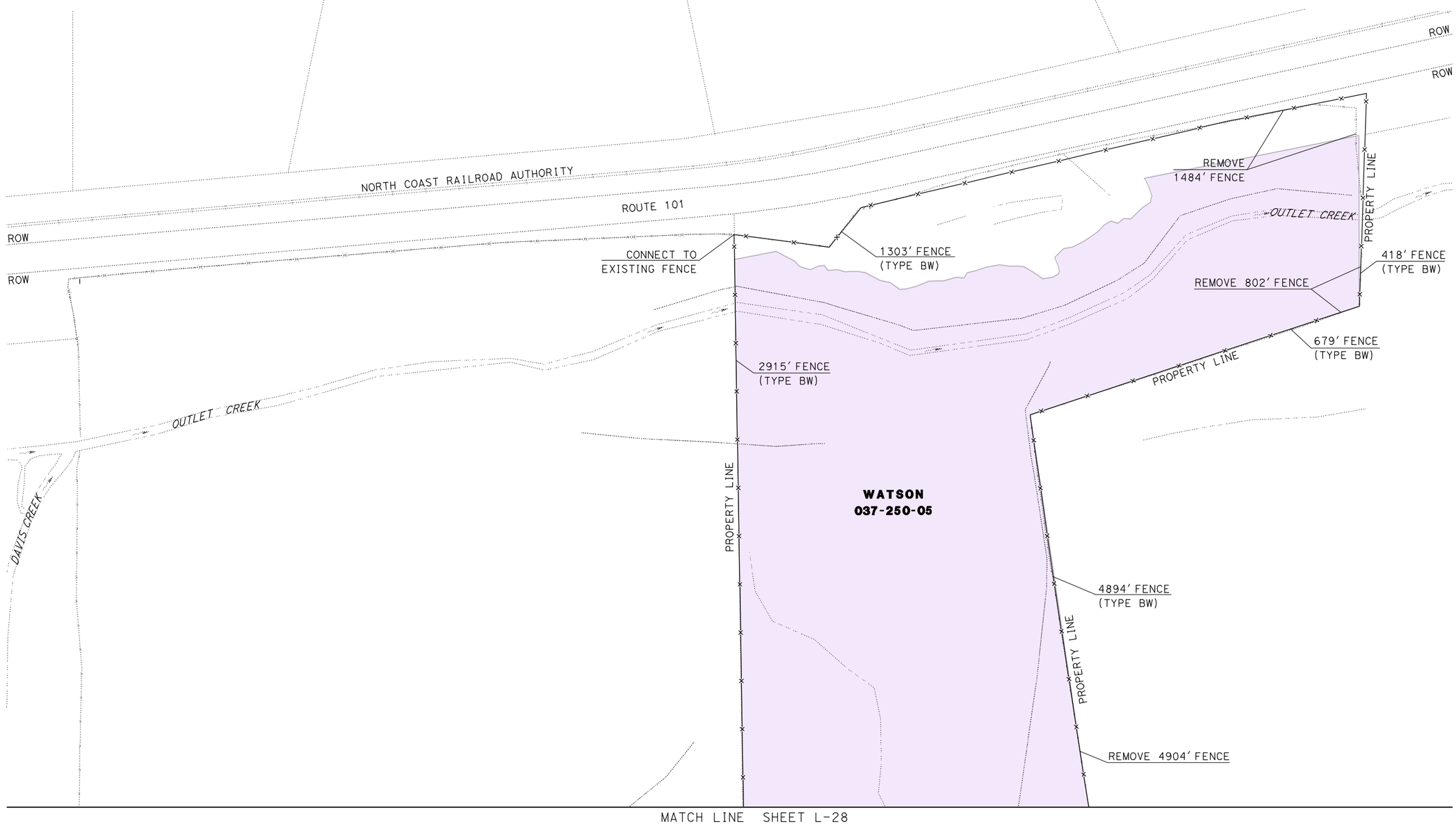


WILLITS
T19N R13W MDB&M
SEC 31

USACE MITIGATION ACTIONS

TYPE 1	GROUP 1
TYPE 2	GROUP 2
TYPE 3	OVERLAP
TYPE 4	CREDIT
TYPE 5	NO CREDIT



LAYOUT
SCALE: 1"=100'

L-27

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® 03-DESIGN EAST

FUNCTIONAL SUPERVISOR: DOUGLAS S. JONES

CALCULATED-DESIGNED BY | CHECKED BY

VINCENT MITCHELL

REVISED BY | DATE REVISED

LAST REVISION 12-29-11 | DATE PLOTTED => 02-JAN-2012 | TIME PLOTTED => 16:24

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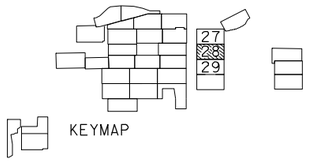

WILLITS
T19N R13W MDB&M
SEC 31

USACE MITIGATION ACTIONS

TYPE 1	GROUP 1
TYPE 2	GROUP 2
TYPE 3	OVERLAP
TYPE 4	CREDIT
TYPE 5	NO CREDIT

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	101	43.7/43.9		

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER No. Exp. CIVIL STATE OF CALIFORNIA

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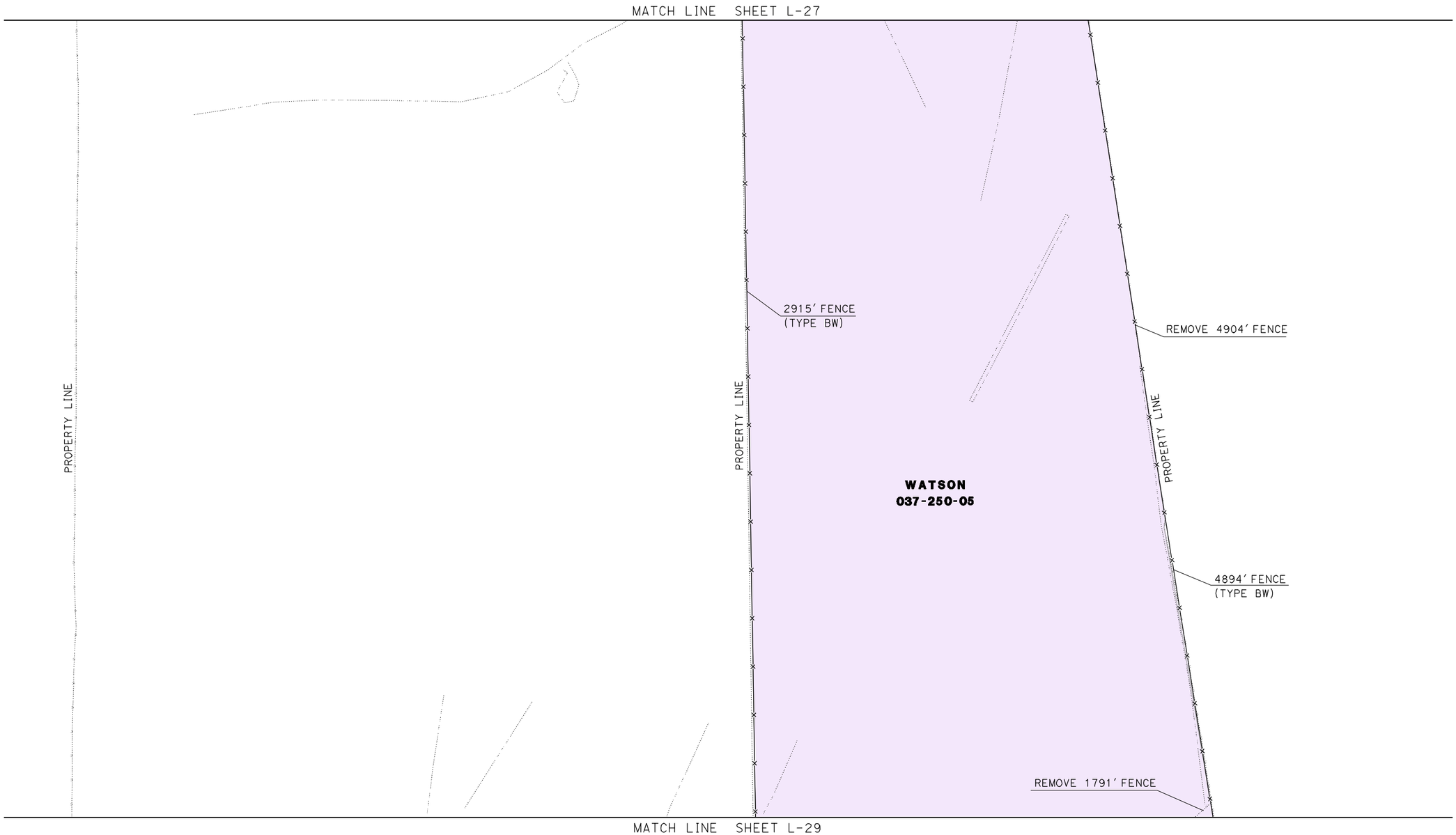

LAYOUT
SCALE: 1"=100'

L-28

REVISED BY	VINCENT MITCHELL
DATE REVISED	
CALCULATED-DESIGNED BY	
CHECKED BY	
FUNCTIONAL SUPERVISOR	DOUGLAS S. JONES

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® 03-DESIGN EAST

LAST REVISION 12-29-11
DATE PLOTTED => 02-JAN-2012
TIME PLOTTED => 16:25

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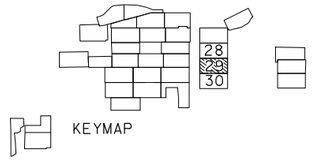

WILLITS
T19N R13W MDB&M
SEC 31 & 32

USACE MITIGATION ACTIONS

TYPE 1	GROUP 1
TYPE 2	GROUP 2
TYPE 3	OVERLAP
TYPE 4	CREDIT
TYPE 5	NO CREDIT

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	101	43.7/43.9		

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

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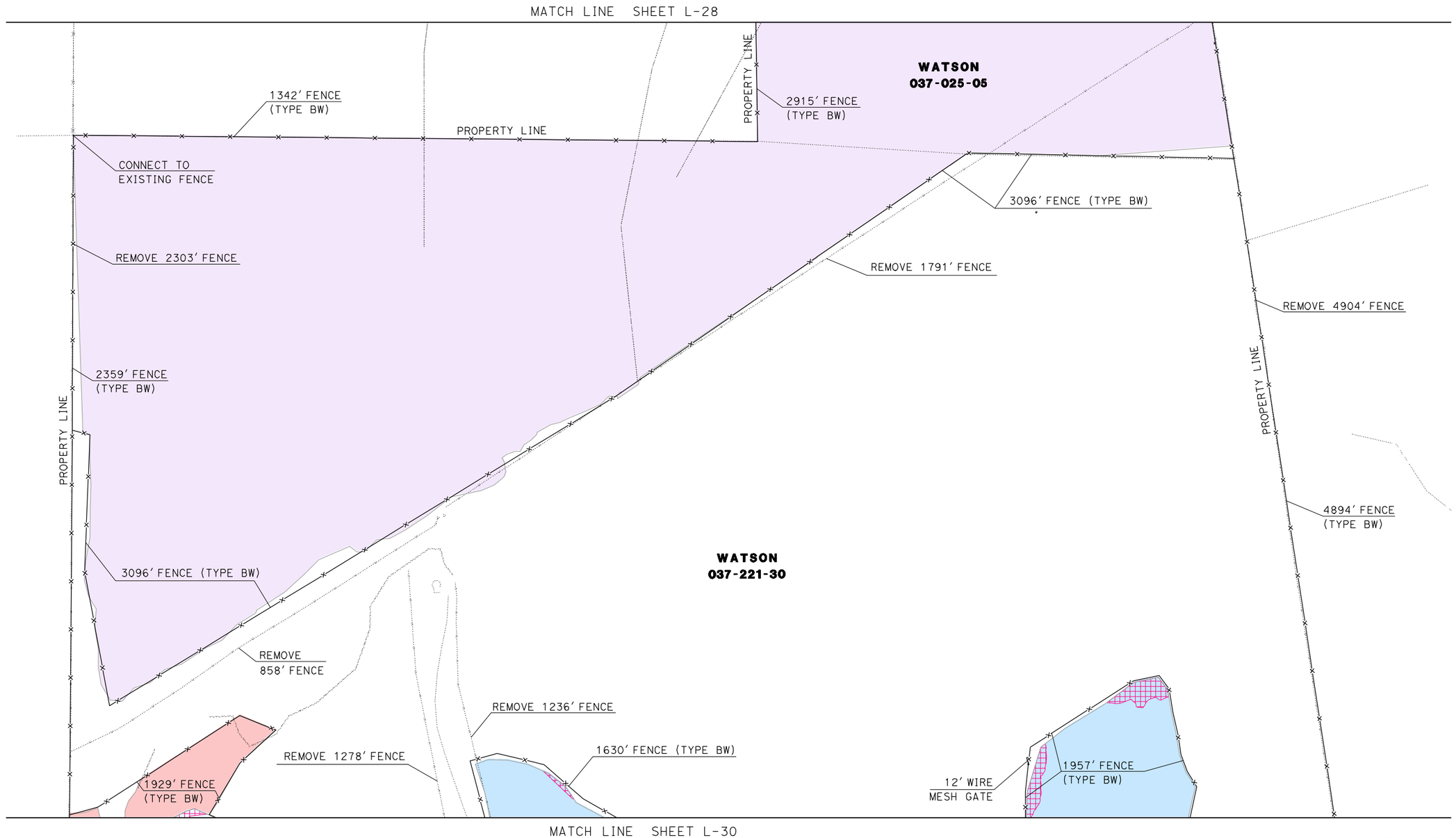

LAYOUT
SCALE: 1"=100'

L-29

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® **03-DESIGN EAST**

FUNCTIONAL SUPERVISOR: DOUGLAS S. JONES
CALCULATED-DESIGNED BY: VINCENT MITCHELL
CHECKED BY
REVISED BY
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LAST REVISION 12-29-11
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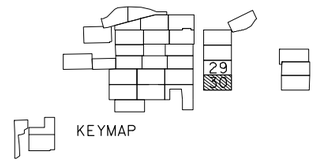

WILLITS
T19N R13W MDB&M
SEC 32

USACE MITIGATION ACTIONS

TYPE 1	GROUP 1
TYPE 2	GROUP 2
TYPE 3	OVERLAP
TYPE 4	CREDIT
TYPE 5	NO CREDIT

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	101	43.7/43.9		

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

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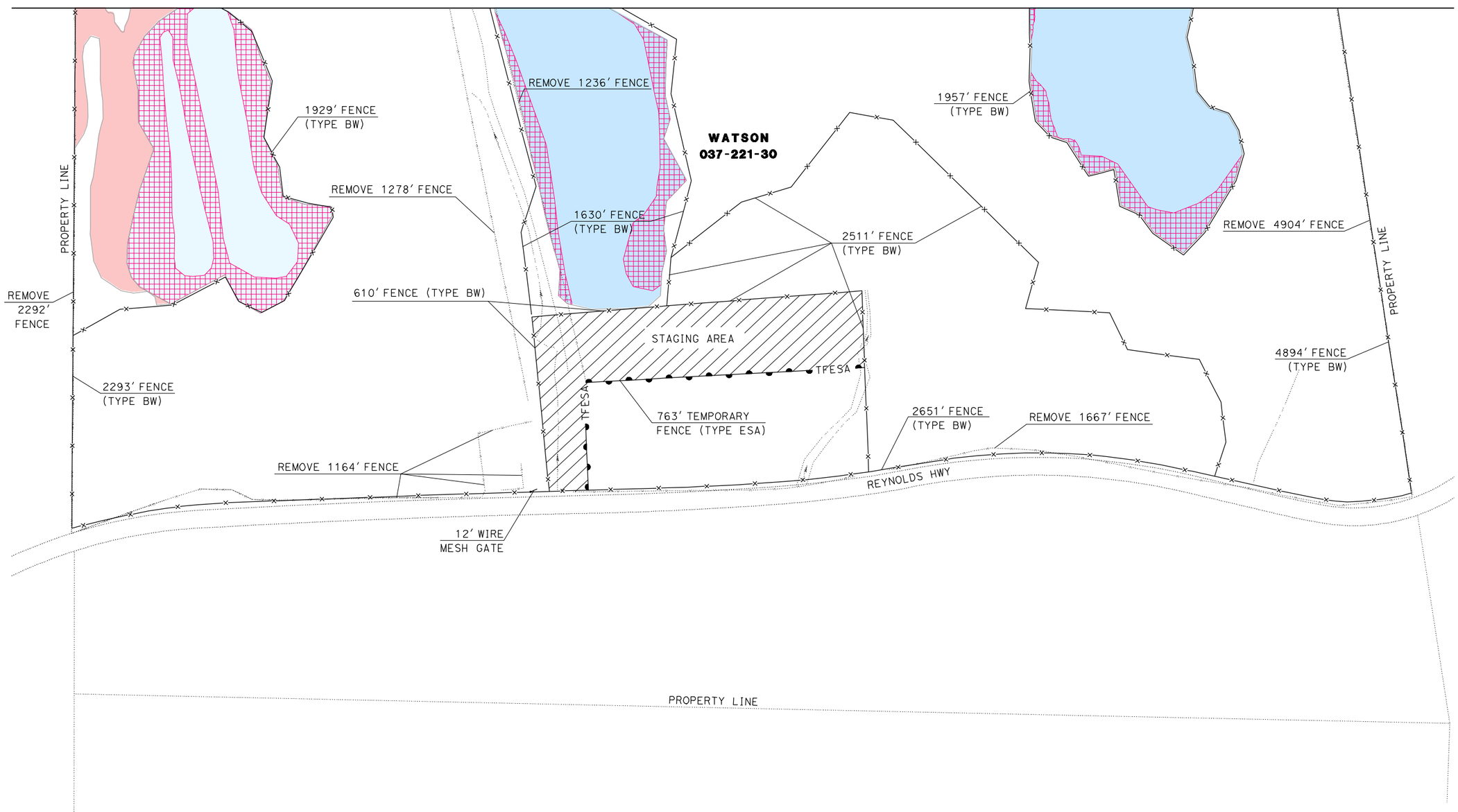
MATCH LINE SHEET L-29



LAYOUT
SCALE: 1"=100'

L-30

REVISED BY	DATE REVISED

VINCENT MITCHELL

CALCULATED-DESIGNED BY

CHECKED BY

FUNCTIONAL SUPERVISOR

DOUGLAS S. JONES

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans

03-DESIGN EAST

LAST REVISION 12-29-11

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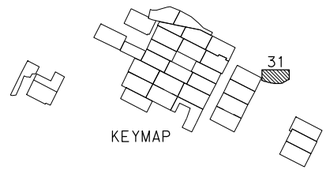
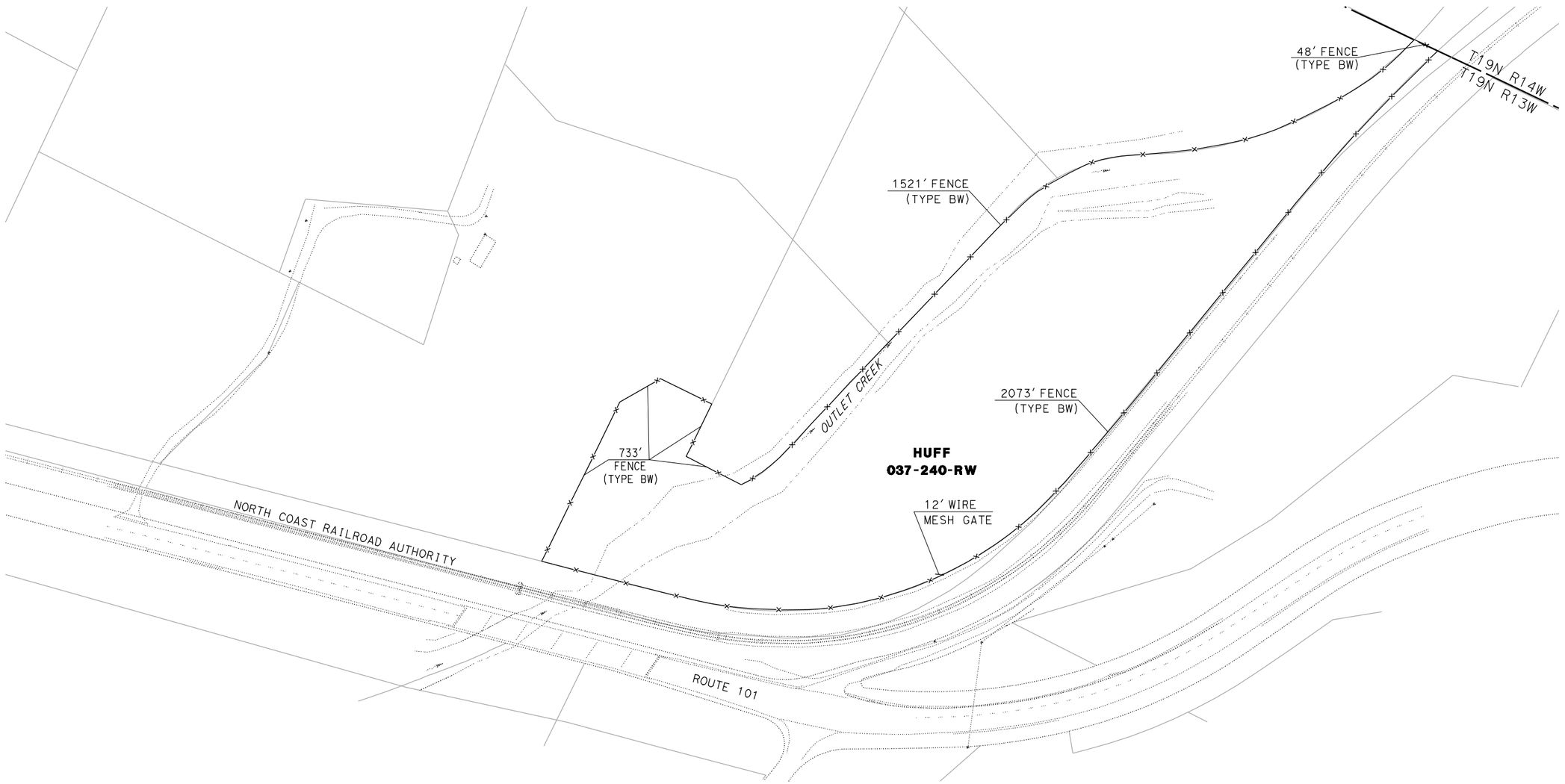


KEYMAP

WILLITS
T19N R13 & 14W MDB&M
SEC 25, 30, 31 & 36

USACE MITIGATION ACTIONS

TYPE 1	GROUP 1
TYPE 2	GROUP 2
TYPE 3	OVERLAP
TYPE 4	CREDIT
TYPE 5	NO CREDIT



LAYOUT
SCALE: 1"=100'

L-31

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans®
03-DESIGN EAST

FUNCTIONAL SUPERVISOR: DOUGLAS S. JONES

CALCULATED-DESIGNED BY: VINCENT MITCHELL

CHECKED BY

REVISED BY

DATE REVISED

LAST REVISION 12-29-11

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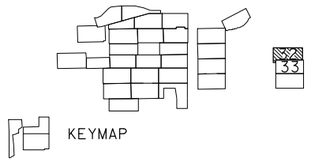

WILLITS
T19N R13W MDB&M
SEC 19, 20, 29 & 30

USACE MITIGATION ACTIONS

TYPE 1	GROUP 1
TYPE 2	GROUP 2
TYPE 3	OVERLAP
TYPE 4	CREDIT
TYPE 5	NO CREDIT

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	101	43.7/43.9		

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

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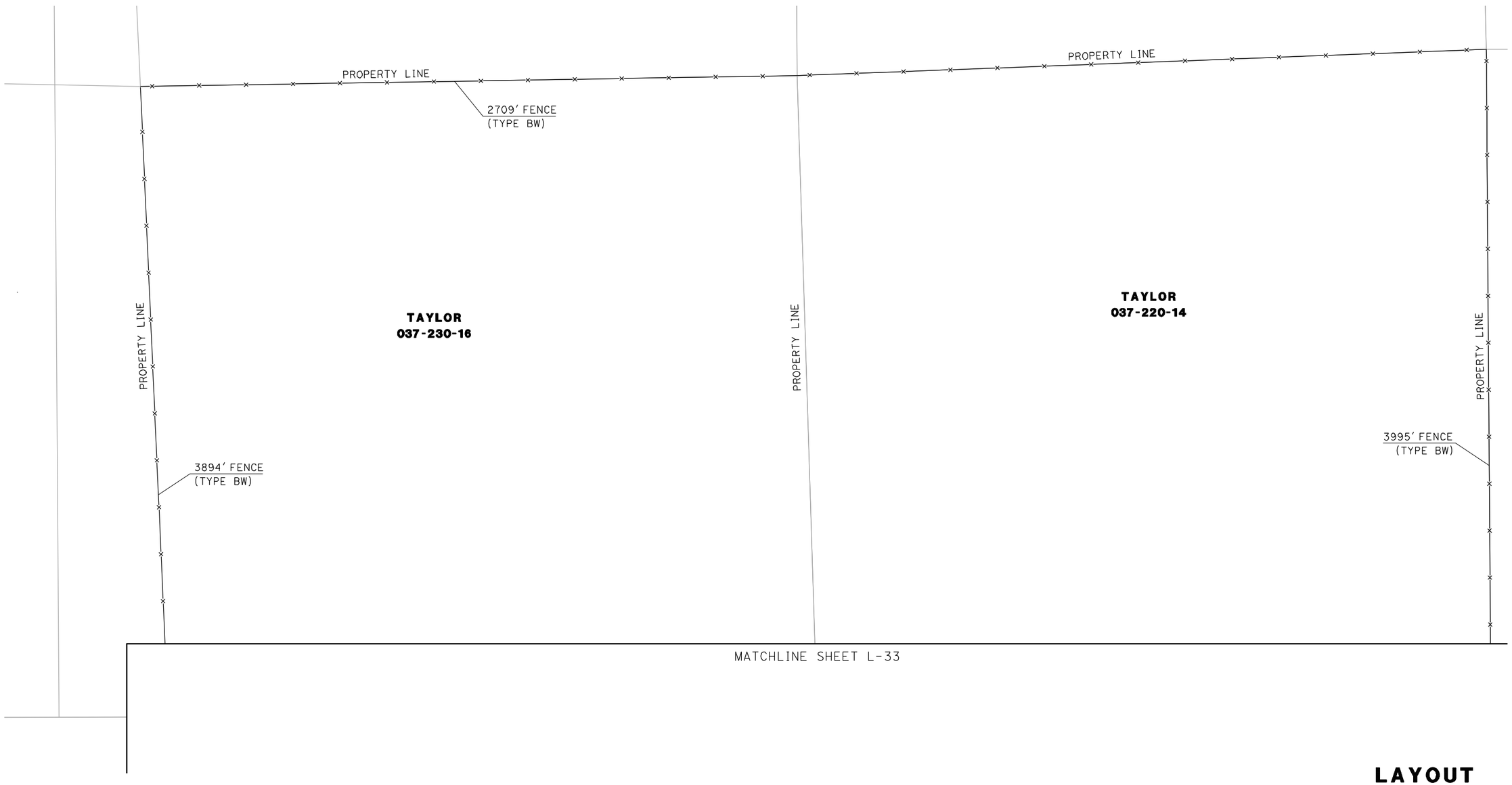

LAYOUT
SCALE: 1"=100'

L-32

REVISED BY | DATE REVISED
VINCENT MITCHELL
CALCULATED-DESIGNED BY | CHECKED BY
FUNCTIONAL SUPERVISOR
DOUGLAS S. JONES
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans®
03-DESIGN EAST

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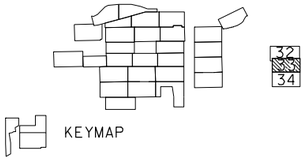

WILLITS
T19N R13W MDB&M
SEC 19, 20, 29 & 30

USACE MITIGATION ACTIONS

TYPE 1	GROUP 1
TYPE 2	GROUP 2
TYPE 3	OVERLAP
TYPE 4	CREDIT
TYPE 5	NO CREDIT

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	101	43.7/43.9		

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PLANS APPROVAL DATE

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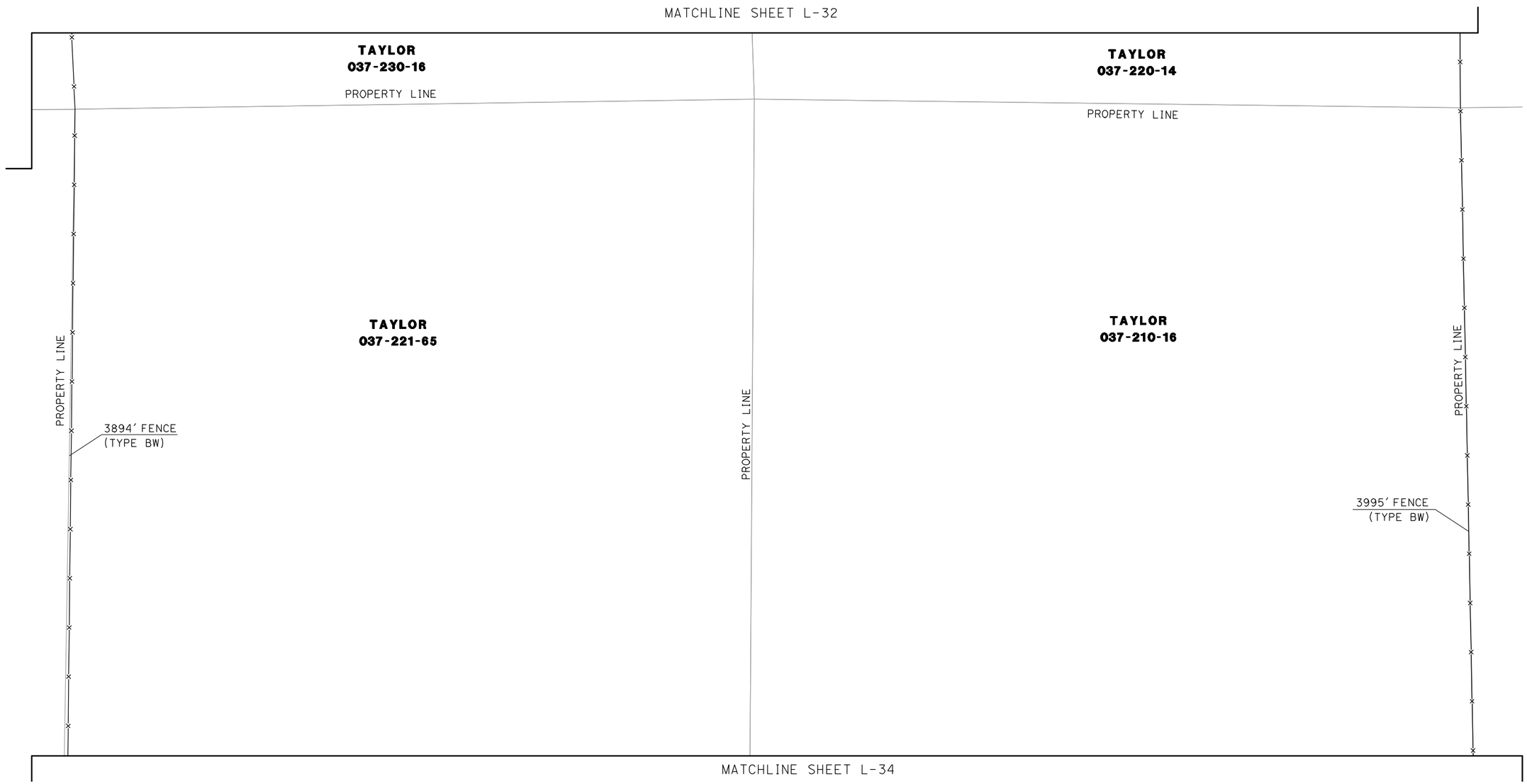

LAYOUT
SCALE: 1"=100'

L-33

REVISED BY	DATE REVISED
VINCENT MITCHELL	
CALCULATED-DESIGNED BY	
CHECKED BY	
FUNCTIONAL SUPERVISOR	
DOUGLAS S. JONES	

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
03-DESIGN EAST

LAST REVISION 12-29-11 | DATE PLOTTED => 02-JAN-2012 | TIME PLOTTED => 16:26

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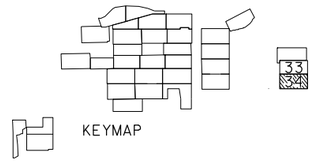

KEYMAP

WILLITS
T19N R13W MDB&M
SEC 29

USACE MITIGATION ACTIONS

TYPE 1	GROUP 1
TYPE 2	GROUP 2
TYPE 3	OVERLAP
TYPE 4	CREDIT
TYPE 5	NO CREDIT

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	101	43.7/43.9		

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REGISTERED PROFESSIONAL ENGINEER No. Exp. CIVIL STATE OF CALIFORNIA

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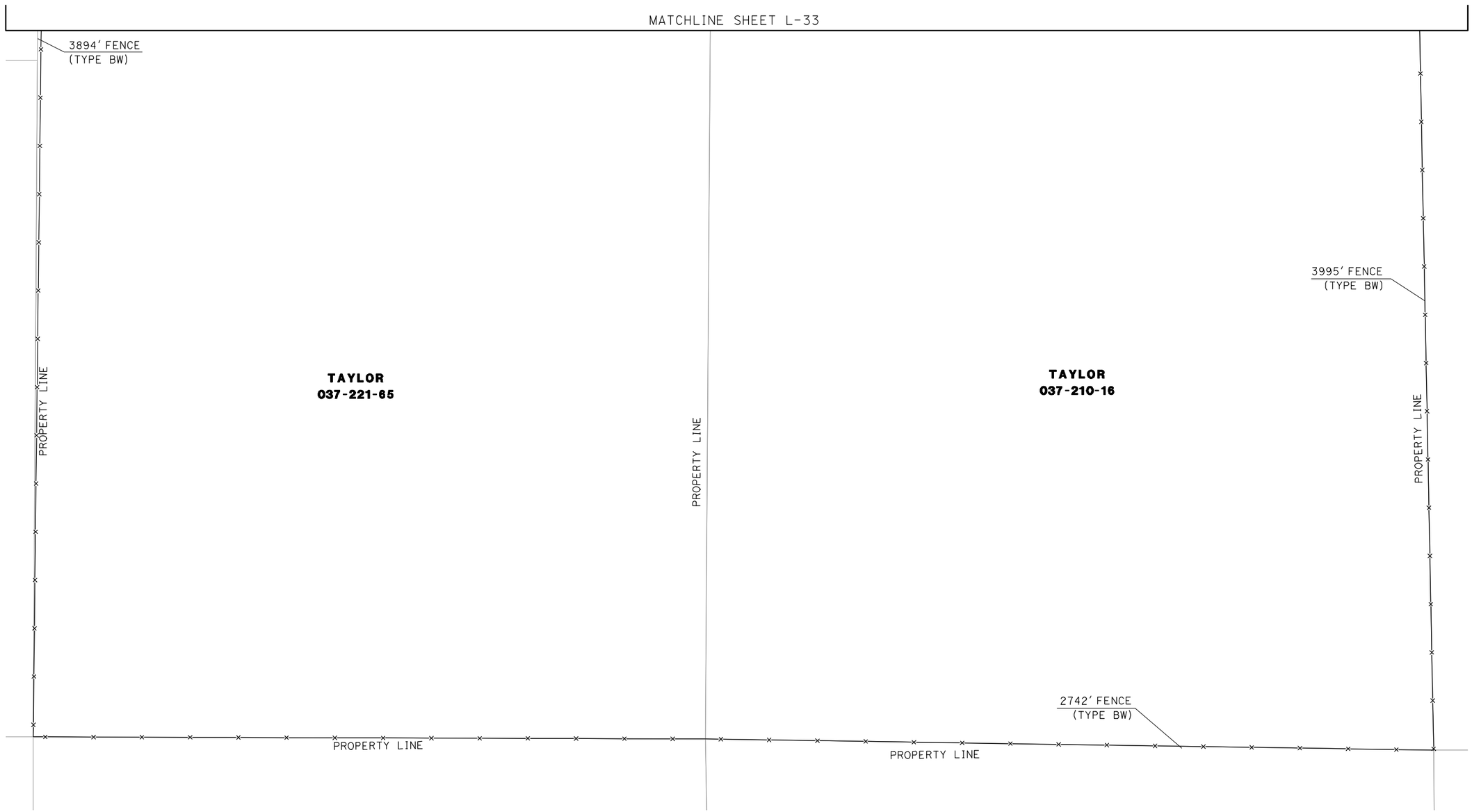

LAYOUT
SCALE: 1"=100'

L-34

REVISED BY	DATE REVISED

VINCENT MITCHELL

CALCULATED-DESIGNED BY
CHECKED BY

FUNCTIONAL SUPERVISOR
DOUGLAS S. JONES

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
03-DESIGN EAST

LAST REVISION 12-29-11
DATE PLOTTED => 02-JAN-2012
TIME PLOTTED => 16:26

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	101	43.7/43.9		

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER No. Exp. CIVIL STATE OF CALIFORNIA

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

KEYMAP
WETLAND ESTABLISHMENT GROUP 1 (1.0 CREDIT) CONTOUR GRADING

NO SCALE

K-2

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans®

03-DESIGN EAST

FUNCTIONAL SUPERVISOR: DOUGLAS S. JONES

CALCULATED-DESIGNED BY: MELISSA HAURY

CHECKED BY: MITCH ANDRUS

REVISED BY

DATE REVISED

LAST REVISION 09-28-11

DATE PLOTTED => 03-JAN-2012
TIME PLOTTED => 12:17

BORDER LAST REVISED 7/1/2010

USERNAME => s114430
DGN FILE => WE1-000keymap2.dgn

RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3

UNIT 0307

PROJECT NUMBER & PHASE 01000000054

NOTES:
1. THIS PLAN ACCURATE FOR GRADING ONLY.
2. SEE LAYOUT SHEETS FOR MITIGATION ACTIONS NOT SHOWN.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	101	43.7/43.9		

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER No. Exp. CIVIL STATE OF CALIFORNIA

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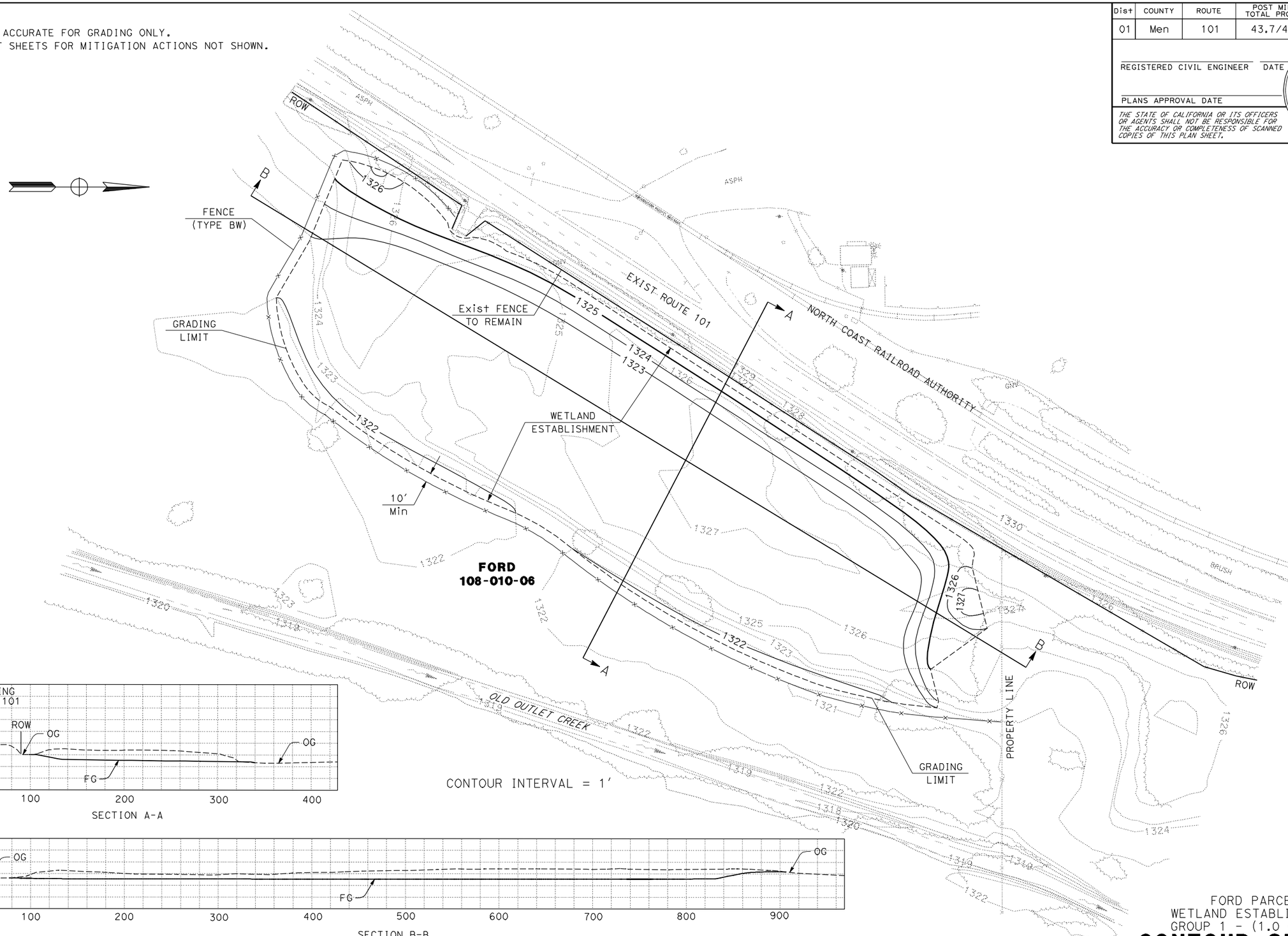


TYPICAL SECTIONS

SCALE: 1"= 50' H
1"= 20' V

FORD PARCEL
WETLAND ESTABLISHMENT
GROUP 1 - (1.0 CREDIT)

CONTOUR GRADING

SCALE: 1"=50'

G-1

FUNCTIONAL SUPERVISOR	DOUGLAS S. JONES
CALCULATED-DESIGNED BY	MITCH ANDRUS
CHECKED BY	SCOTT FOSTER
REVISED BY	
DATE REVISED	

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® 03-DESIGN EAST

LAST REVISION 09-24-11
DATE PLOTTED => 03-JAN-2012
TIME PLOTTED => 12:17

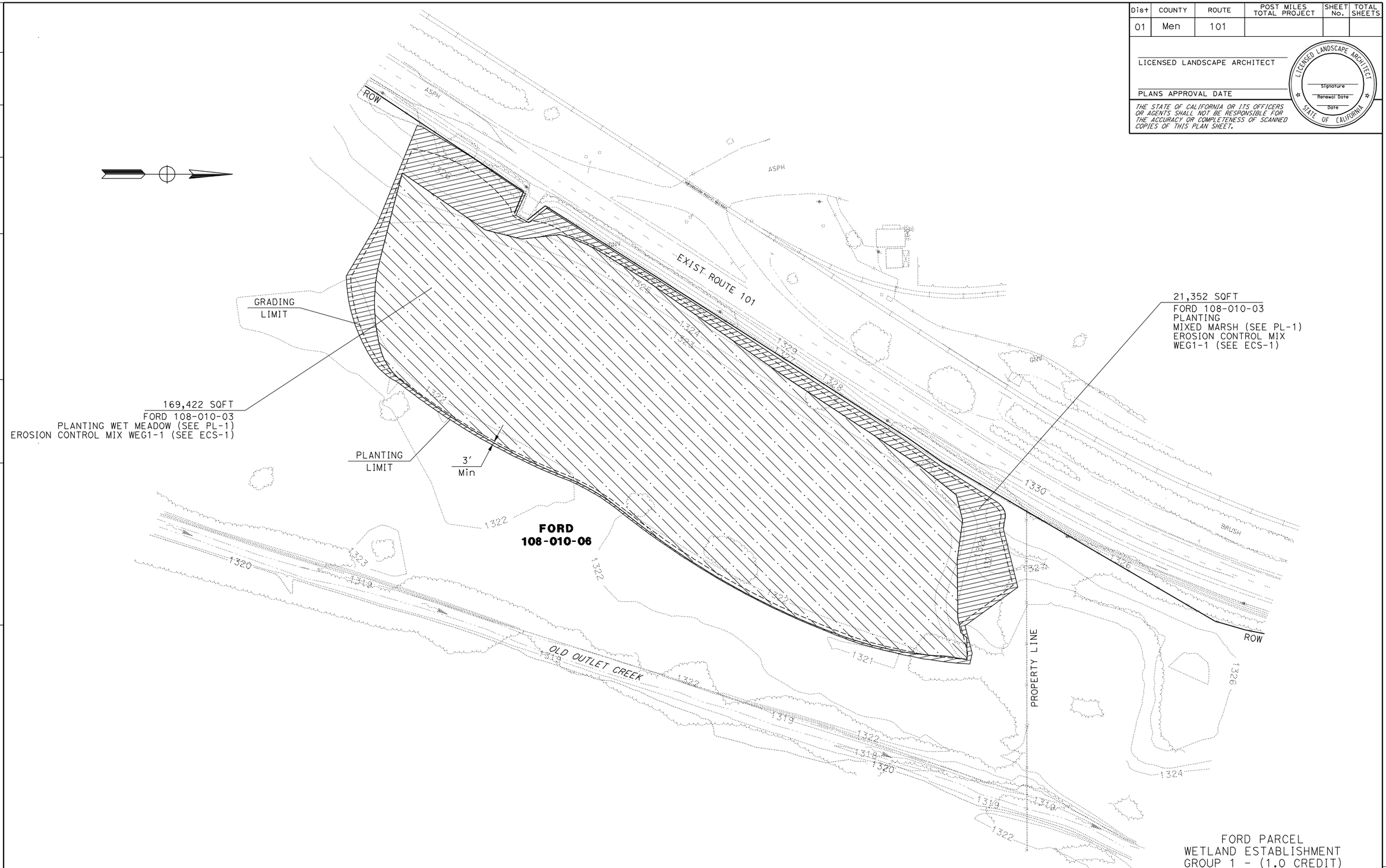
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	101			

LICENSED LANDSCAPE ARCHITECT

PLANS APPROVAL DATE

LICENSED LANDSCAPE ARCHITECT
Signature
Renewal Date
Date
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.



FORD PARCEL
WETLAND ESTABLISHMENT
GROUP 1 - (1.0 CREDIT)

PLANTING PLAN

SCALE: 1"=50'

PP-1

REVISED BY	DATE REVISED

CALCULATED-DESIGNED BY
CHECKED BY
SENIOR LANDSCAPE ARCHITECT

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® 03 - LANDSCAPE ARCHITECTURE

LAST REVISION 00-00-00
DATE PLOTTED => 03-JAN-2012
TIME PLOTTED => 12:32

NOTES:
1. THIS PLAN ACCURATE FOR GRADING ONLY.
2. SEE LAYOUT SHEETS OTHER MITIGATION ACTIONS NOT SHOWN.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	101	43.7/43.9		

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER No. Exp. CIVIL STATE OF CALIFORNIA

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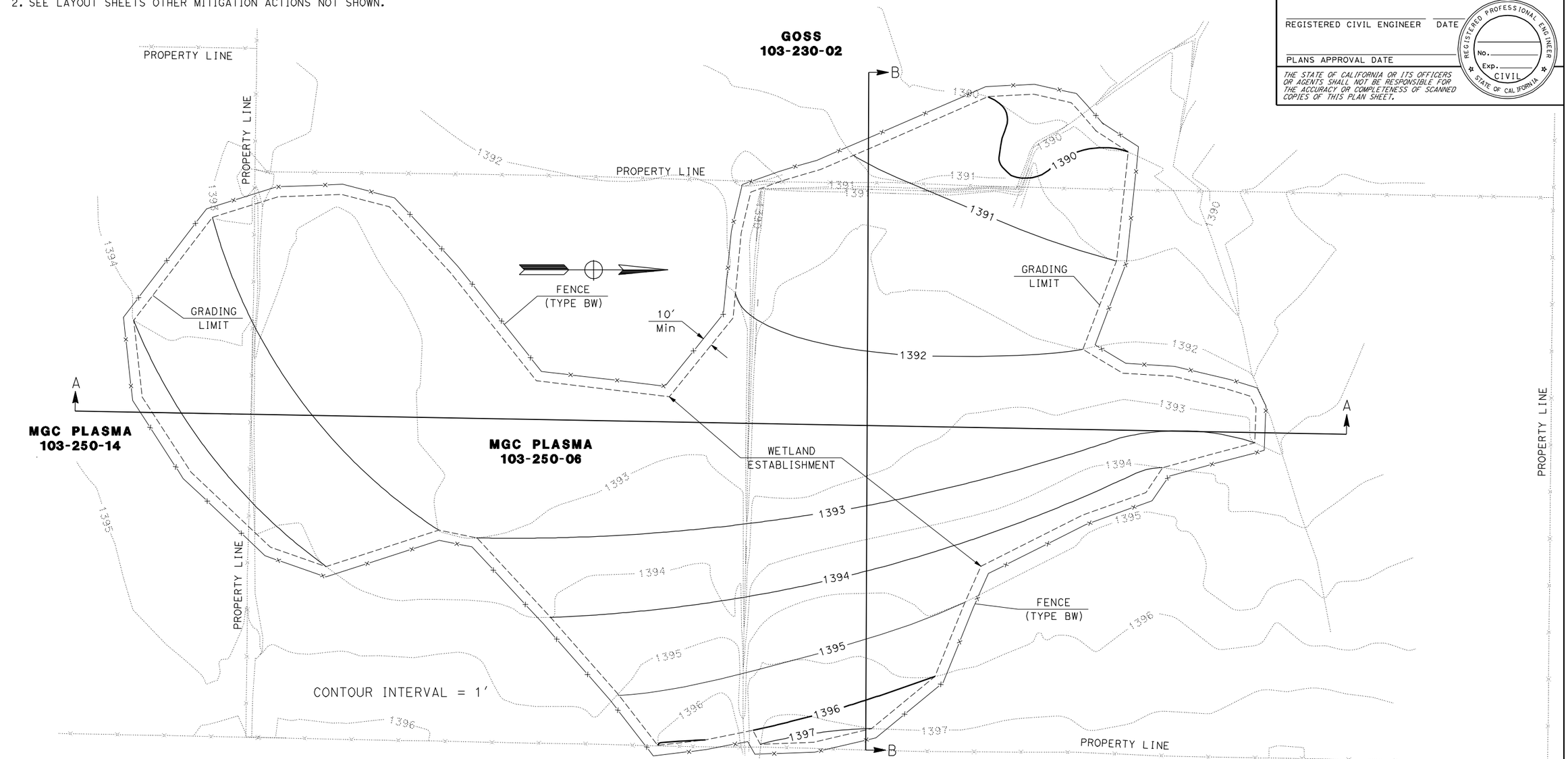
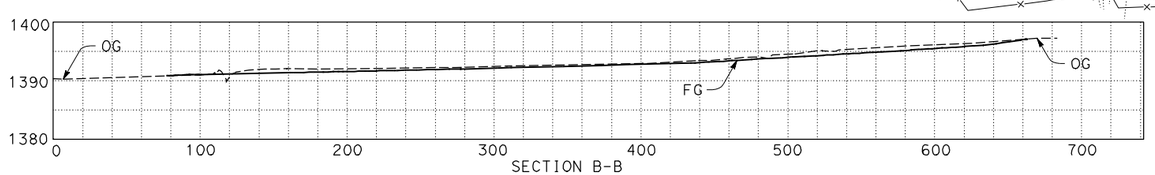
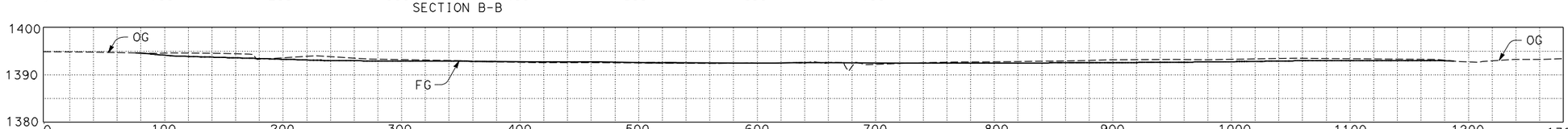




SECTION B-B



SECTION A-A

TYPICAL SECTIONS

SCALE: 1"= 50′ H
1"= 12.5′ V

MGC PLASMA/GOSS
WETLAND ESTABLISHMENT
GROUP 1 - (CREDIT 1.0)

CONTOUR GRADING

SCALE: 1"=50′

G-2

REVISED BY	DATE REVISED
MITCH ANDRUS	SCOTT FOSTER
CALCULATED-DESIGNED BY	CHECKED BY
FUNCTIONAL SUPERVISOR	DOUGLAS S. JONES

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans 03-DESIGN EAST

LAST REVISION 09-24-11
DATE PLOTTED => 03-JAN-2012
TIME PLOTTED => 12:17

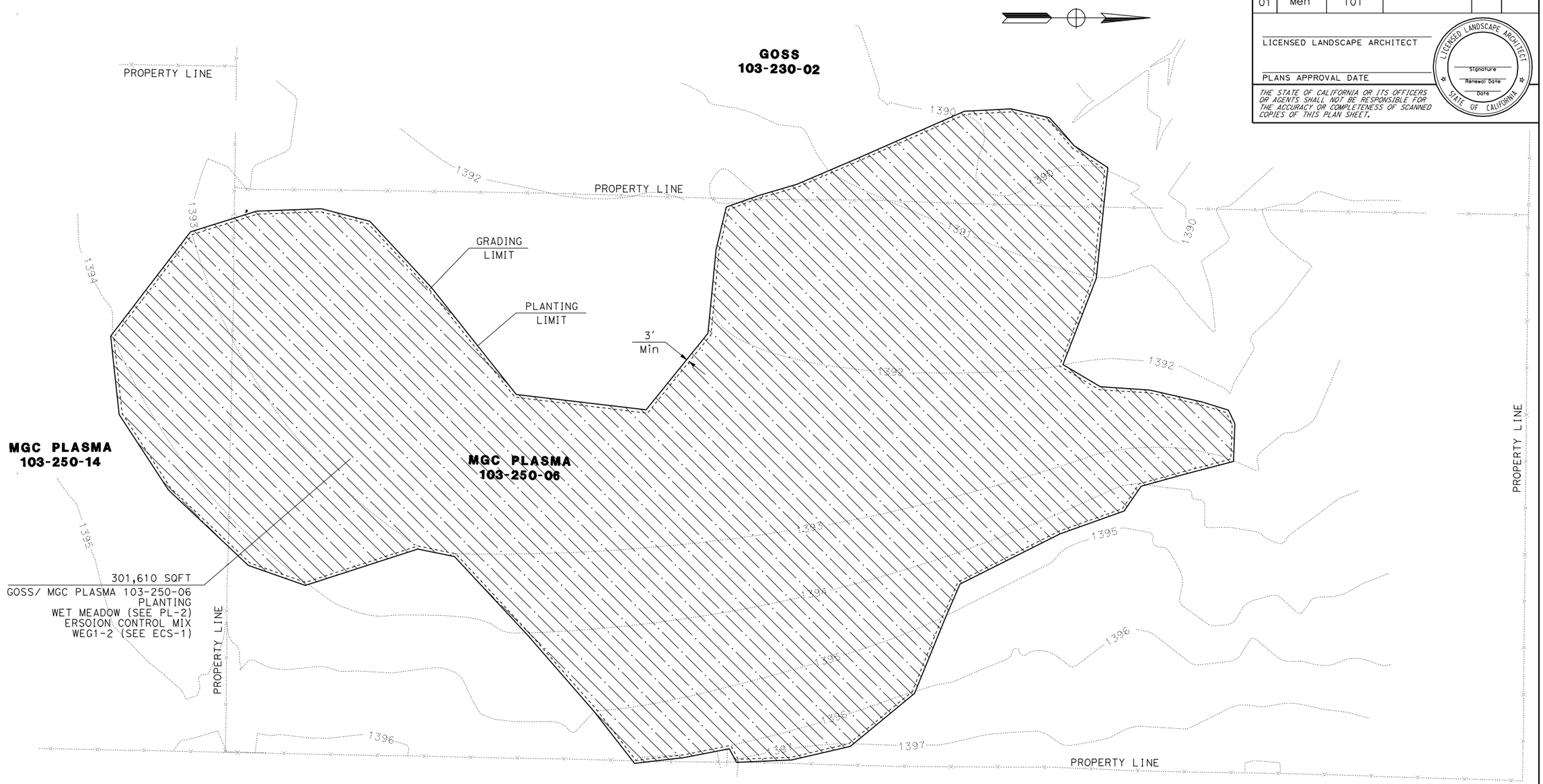
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	101			

LICENSED LANDSCAPE ARCHITECT

PLANS APPROVAL DATE

LICENSED LANDSCAPE ARCHITECT
Signature
Renewal Date
Date
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.



MGC PLASMA/GOSS
WETLAND ESTABLISHMENT
GROUP 1 - (CREDIT 1.0)

PLANTING PLAN

SCALE: 1"=50'

PP-2

REVISED BY | DATE REVISED

CALCULATED-DESIGNED BY | CHECKED BY

SENIOR LANDSCAPE ARCHITECT

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans® 03 - LANDSCAPE ARCHITECTURE

LAST REVISION 00-00-00 | DATE PLOTTED => 03-JAN-2012 | TIME PLOTTED => 12:32

NOTES:
1. THIS PLAN ACCURATE FOR GRADING ONLY.
2. SEE LAYOUT SHEETS FOR OTHER MITIGATION ACTIONS NOT SHOWN.

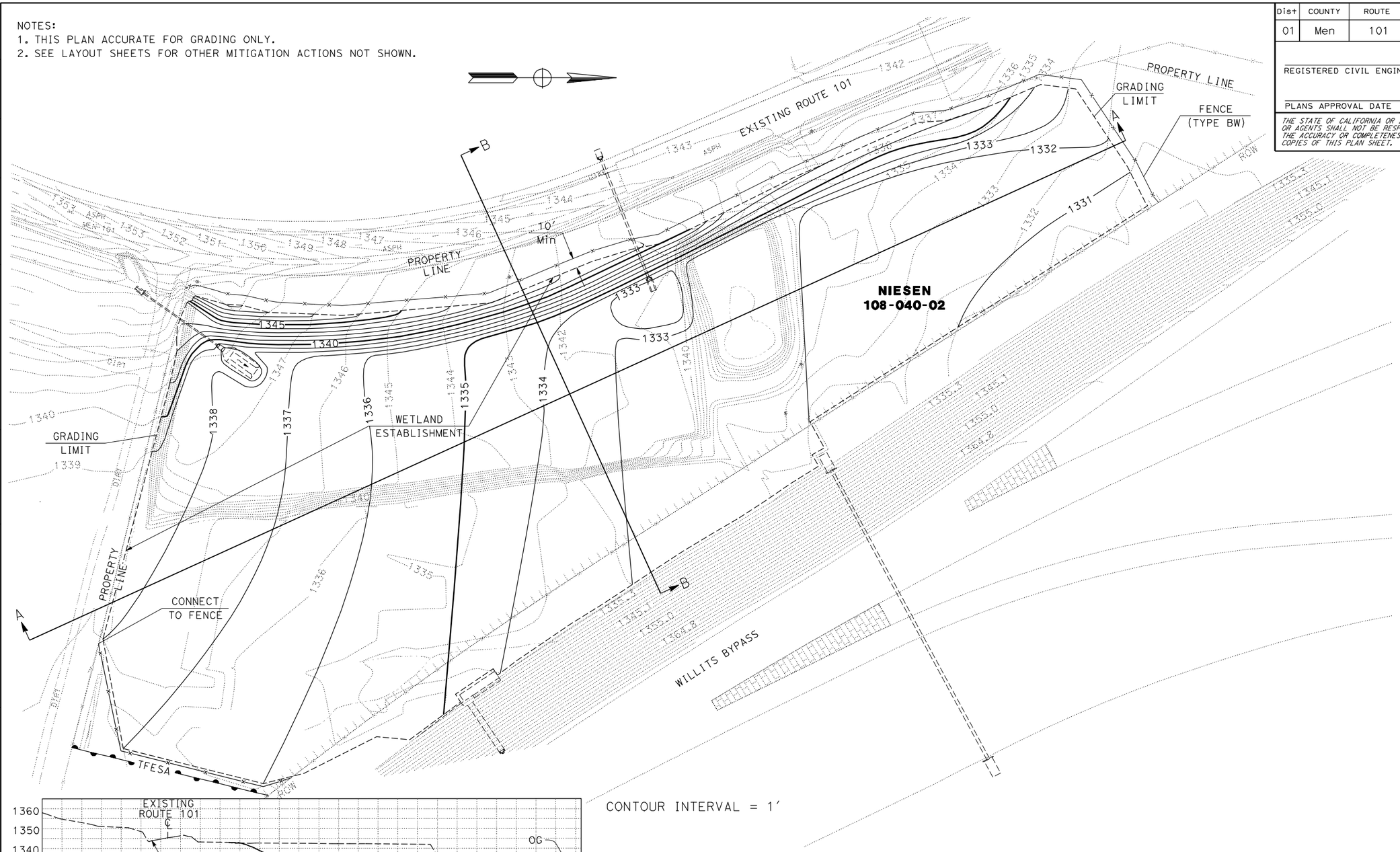
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	101	43.7/43.9		

REGISTERED CIVIL ENGINEER DATE

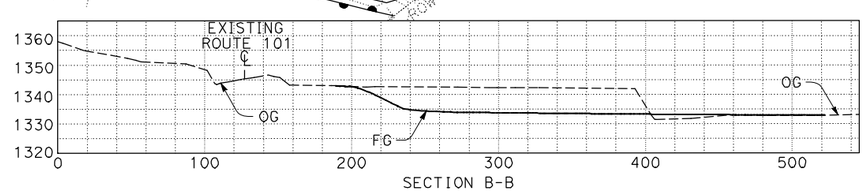
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER No. Exp. CIVIL STATE OF CALIFORNIA

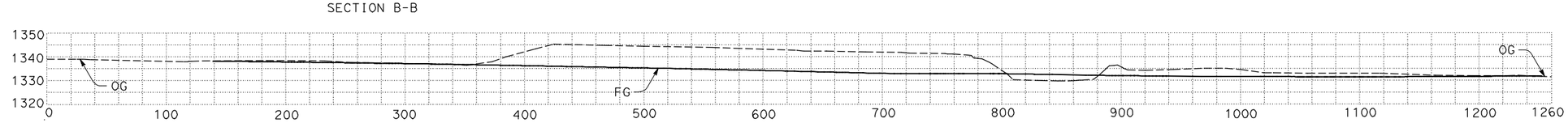
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



CONTOUR INTERVAL = 1'



SECTION B-B



SECTION A-A

SCALE: 1"= 50' H
1"= 25' V

TYPICAL SECTIONS

NIESEN PARCEL
WETLAND ESTABLISHMENT
GROUP 1 - (CREDIT 1.0)

CONTOUR GRADING

SCALE: 1"=50'

G-3

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® 03-DESIGN EAST

FUNCTIONAL SUPERVISOR: DOUGLAS S. JONES
CALCULATED-DESIGNED BY: MITCH ANDRUS
CHECKED BY: SCOTT FOSTER
REVISED BY / DATE REVISED

LAST REVISION 09-24-11
DATE PLOTTED => 03-JAN-2012
TIME PLOTTED => 12:18

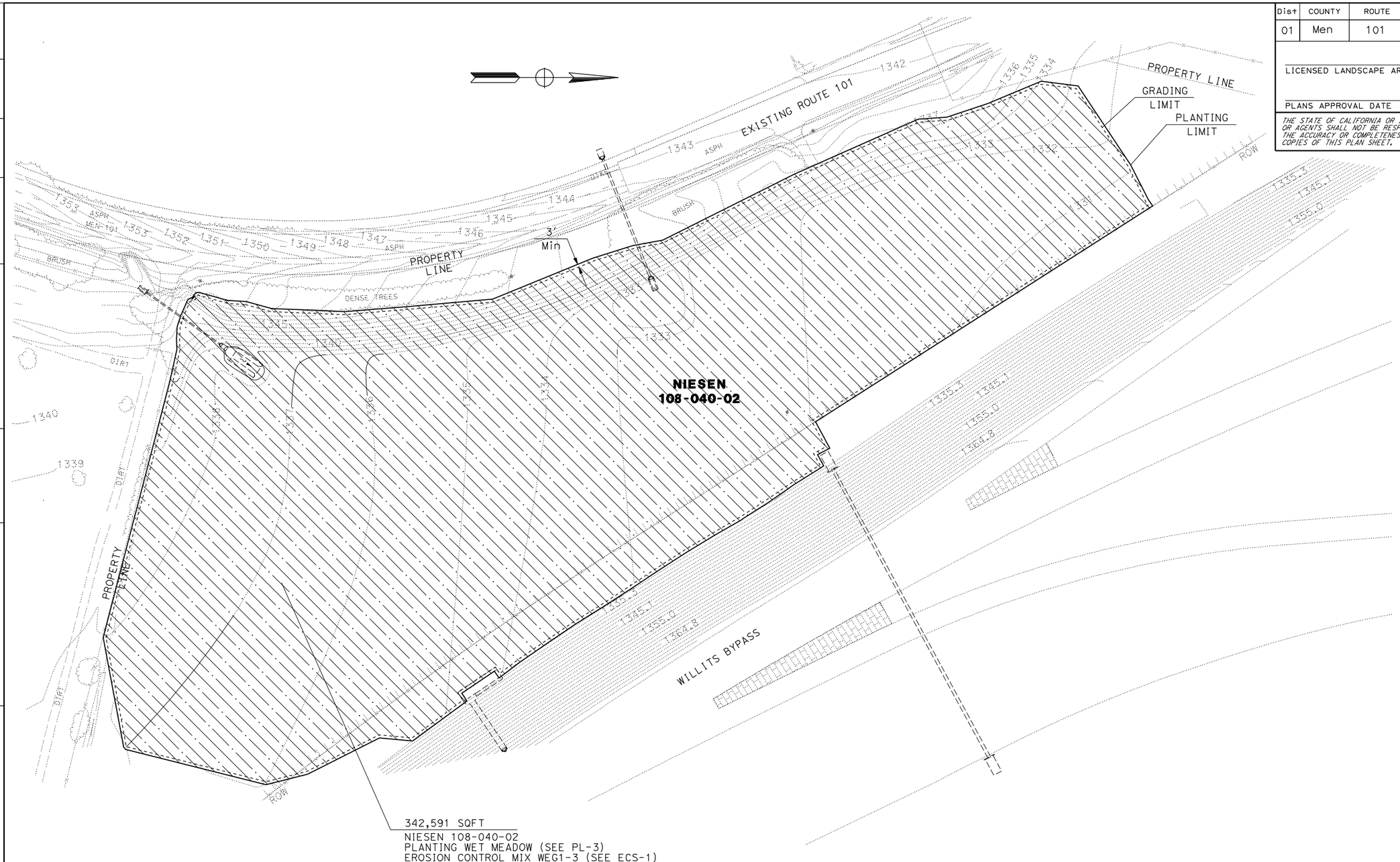
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	101			

LICENSED LANDSCAPE ARCHITECT

PLANS APPROVAL DATE

LICENSED LANDSCAPE ARCHITECT
Signature
Renewal Date
Date
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.



NIESEN PARCEL
WETLAND ESTABLISHMENT
GROUP 1 - (CREDIT 1.0)

PLANTING PLAN

SCALE: 1"=50'

PP-3

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® 03 - LANDSCAPE ARCHITECTURE

SENIOR LANDSCAPE ARCHITECT

CALCULATED-DESIGNED BY

CHECKED BY

REVISED BY | DATE REVISED

LAST REVISION 00-00-00

DATE PLOTTED => 03-JAN-2012
TIME PLOTTED => 12:32

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	101	43.7/43.9		

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER No. Exp. CIVIL STATE OF CALIFORNIA

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NOTES:
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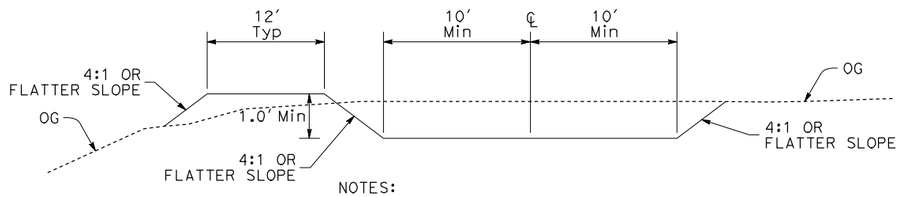
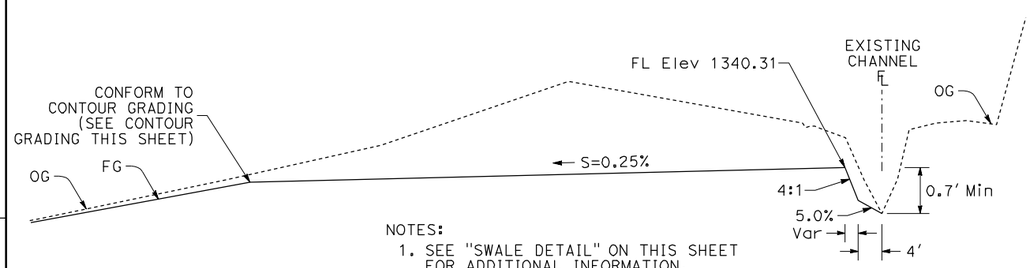


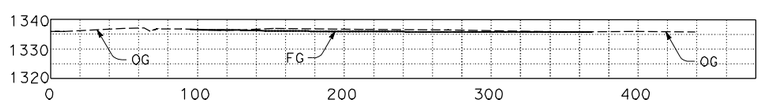
NOTES:
1. SEE "SWALE DETAIL" ON SHEET DD-11 FOR EROSION CONTROL DETAILS.
2. SEE "SECTION C-C" ON THIS SHEET FOR ADDITIONAL INFORMATION.

SECTION D-D

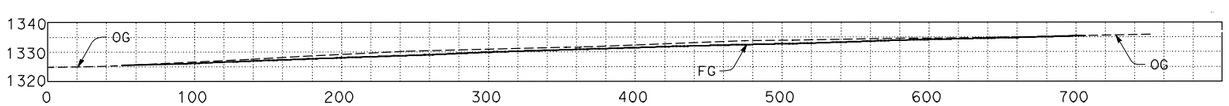


NOTES:
1. SEE "SWALE DETAIL" ON THIS SHEET FOR ADDITIONAL INFORMATION.

SECTION C-C



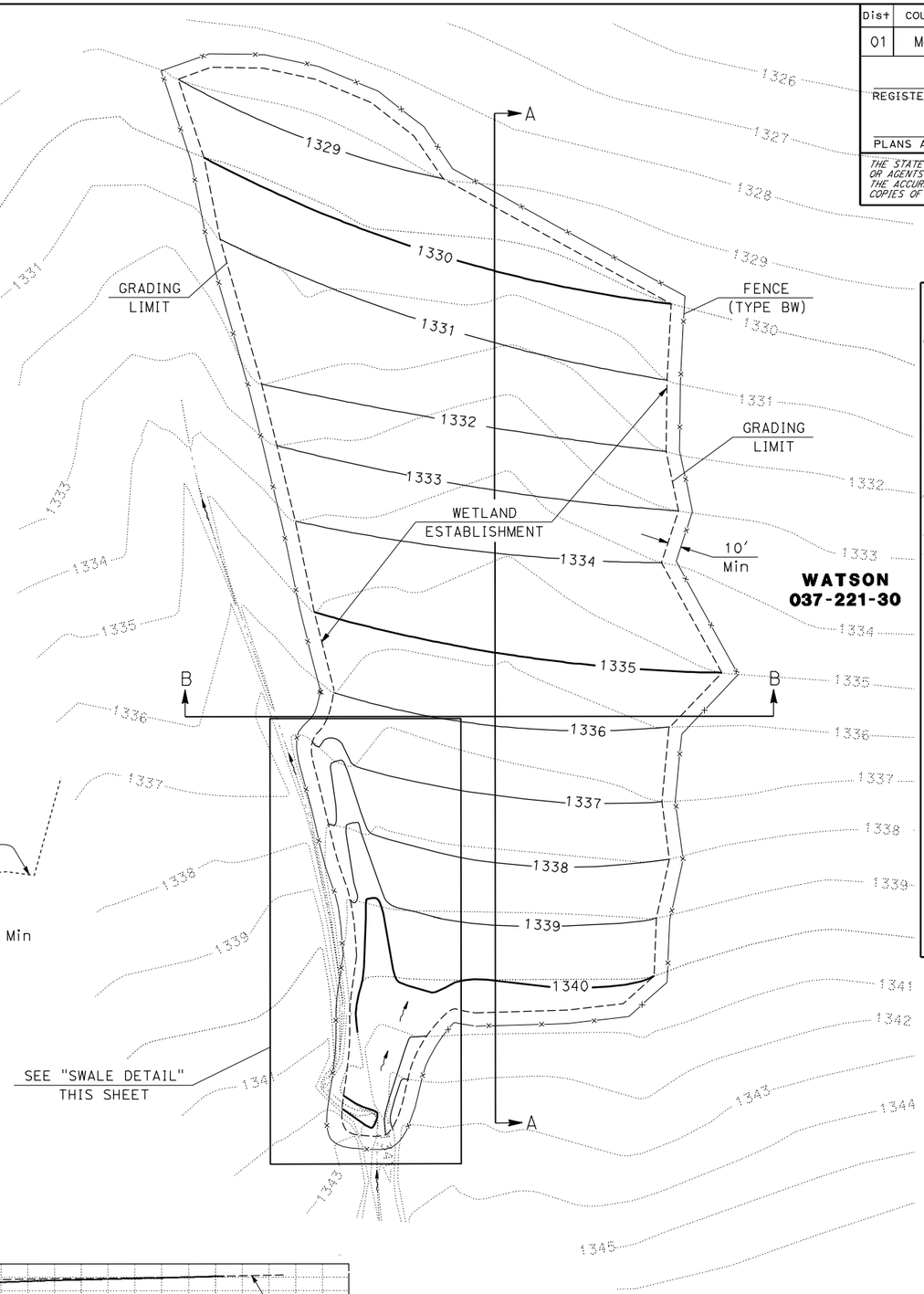
SECTION B-B

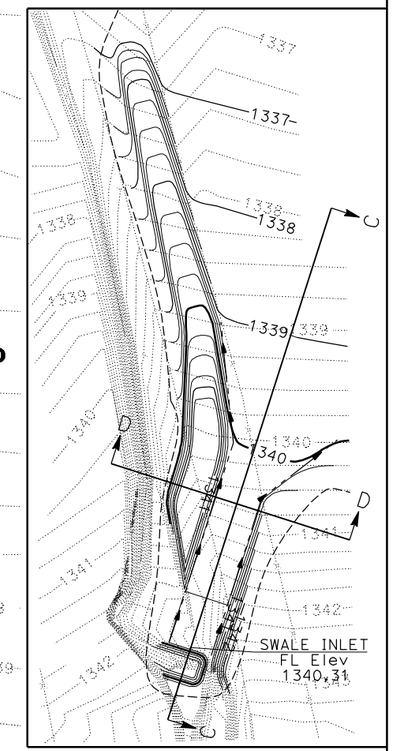


SECTION A-A

SCALE: 1"= 50′ H
1"= 25′ V

TYPICAL SECTIONS





SWALE DETAIL
CONTOUR INTERVAL=1/4′

WATSON
037-221-30

WATSON PARCEL
WETLAND ESTABLISHMENT
GROUP 1 - (1.0 CREDIT)

CONTOUR GRADING
SCALE: 1"=50′

CONTOUR INTERVAL = 1′

G-4

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® 03-DESIGN EAST

FUNCTIONAL SUPERVISOR: DOUGLAS S. JONES
CALCULATED-DESIGNED BY: MITCH ANDRUS
CHECKED BY: SCOTT FOSTER
REVISED BY / DATE REVISED

LAST REVISION 09-24-11
DATE PLOTTED => 03-JAN-2012
TIME PLOTTED => 12:18

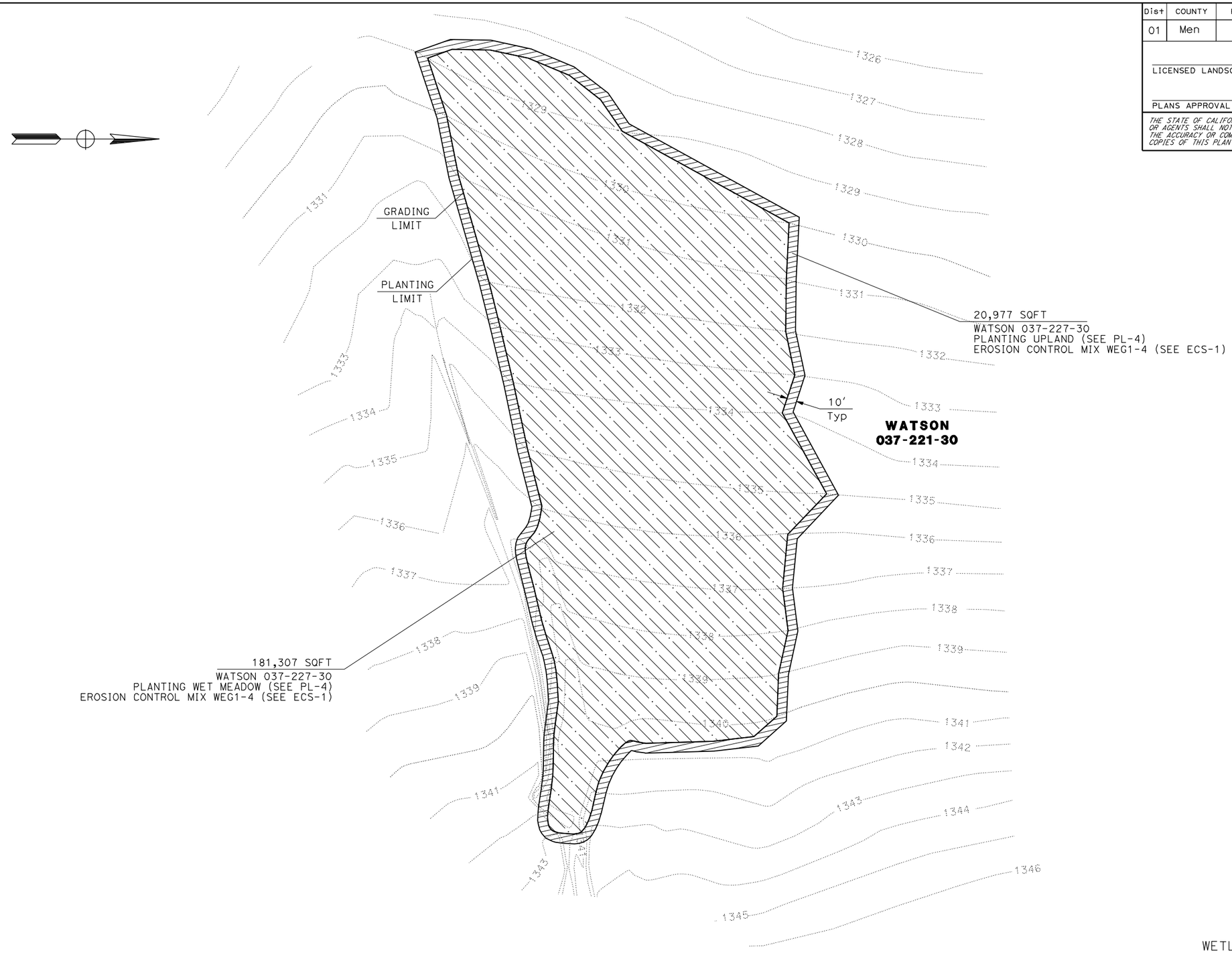
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	101			

LICENSED LANDSCAPE ARCHITECT

PLANS APPROVAL DATE

LICENSED LANDSCAPE ARCHITECT
Signature
Renewal Date
Date
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.



WATSON PARCEL
WETLAND ESTABLISHMENT
GROUP 1 - (1.0 CREDIT)

PLANTING PLAN

SCALE: 1"=50'

PP-4

REVISED BY	DATE REVISED

CALCULATED-DESIGNED BY
CHECKED BY
SENIOR LANDSCAPE ARCHITECT

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® 03 - LANDSCAPE ARCHITECTURE

LAST REVISION 00-00-00
DATE PLOTTED => 03-JAN-2012
TIME PLOTTED => 12:32

NOTES:
1. THIS PLAN ACCURATE FOR GRADING ONLY.
2. SEE LAYOUT SHEETS FOR OTHER MITIGATION ACTIONS NOT SHOWN.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	101	43.7/43.9		

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER No. Exp. CIVIL STATE OF CALIFORNIA

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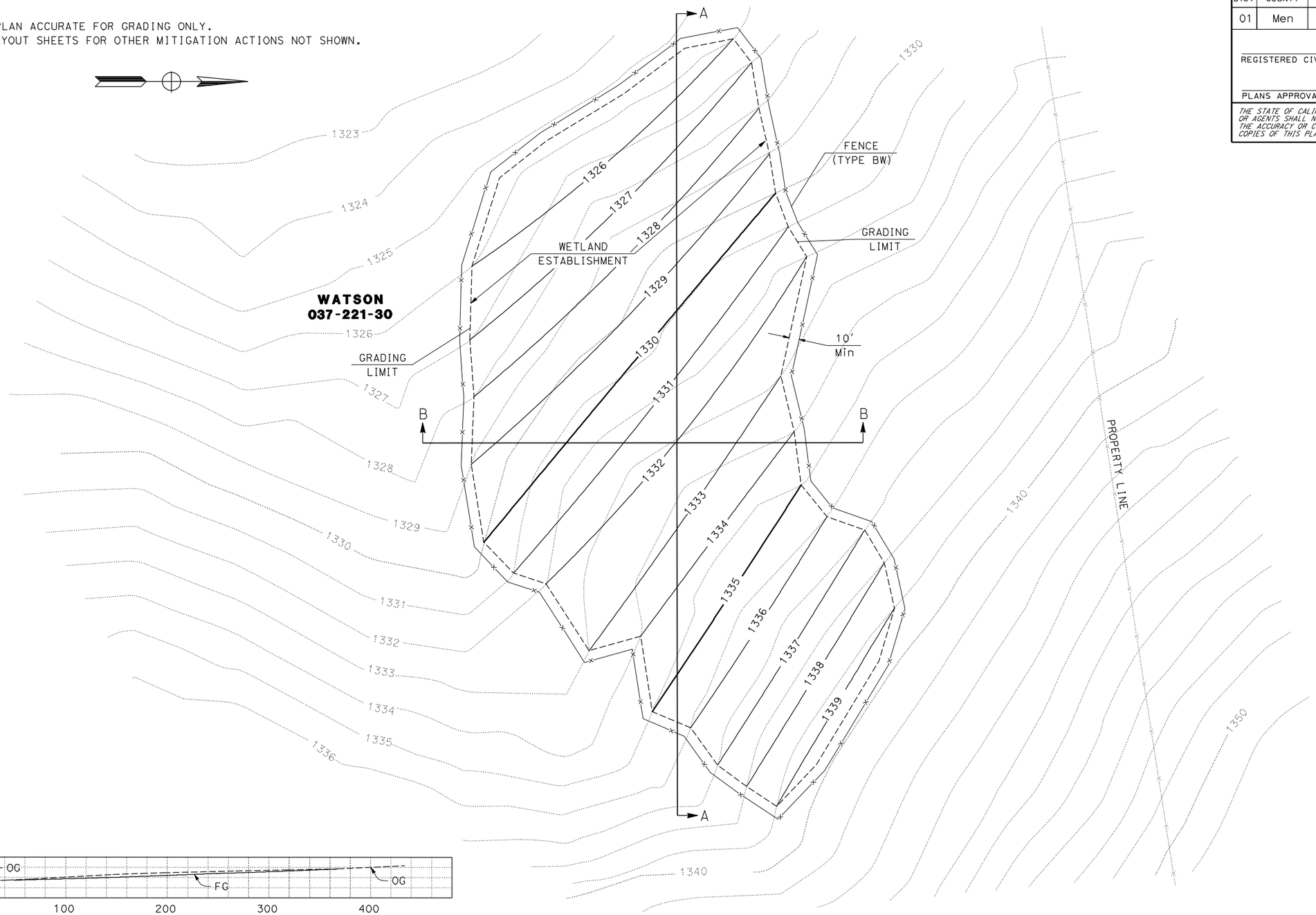
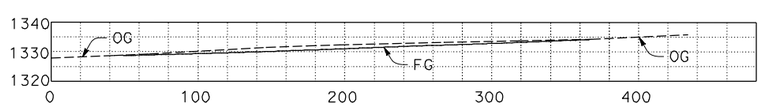
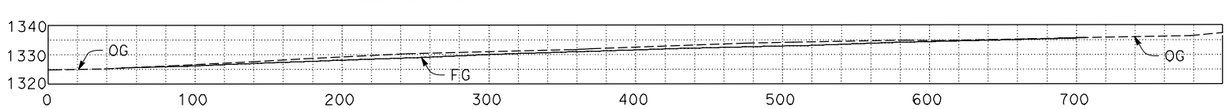


CONTOUR INTERVAL = 1'



SECTION B-B



SECTION A-A

SCALE: 1"= 50' H
1"= 25' V

TYPICAL SECTIONS

WATSON PARCEL
WETLAND ESTABLISHMENT
GROUP 1 - (1.0 CREDIT)

CONTOUR GRADING

SCALE: 1"=50'

G-5

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
03-DESIGN EAST

FUNCTIONAL SUPERVISOR: DOUGLAS S. JONES
CALCULATED-DESIGNED BY: MITCH ANDRUS
CHECKED BY: SCOTT FOSTER
REVISED BY
DATE REVISED

LAST REVISION 09-24-11
DATE PLOTTED => 03-JAN-2012
TIME PLOTTED => 12:18

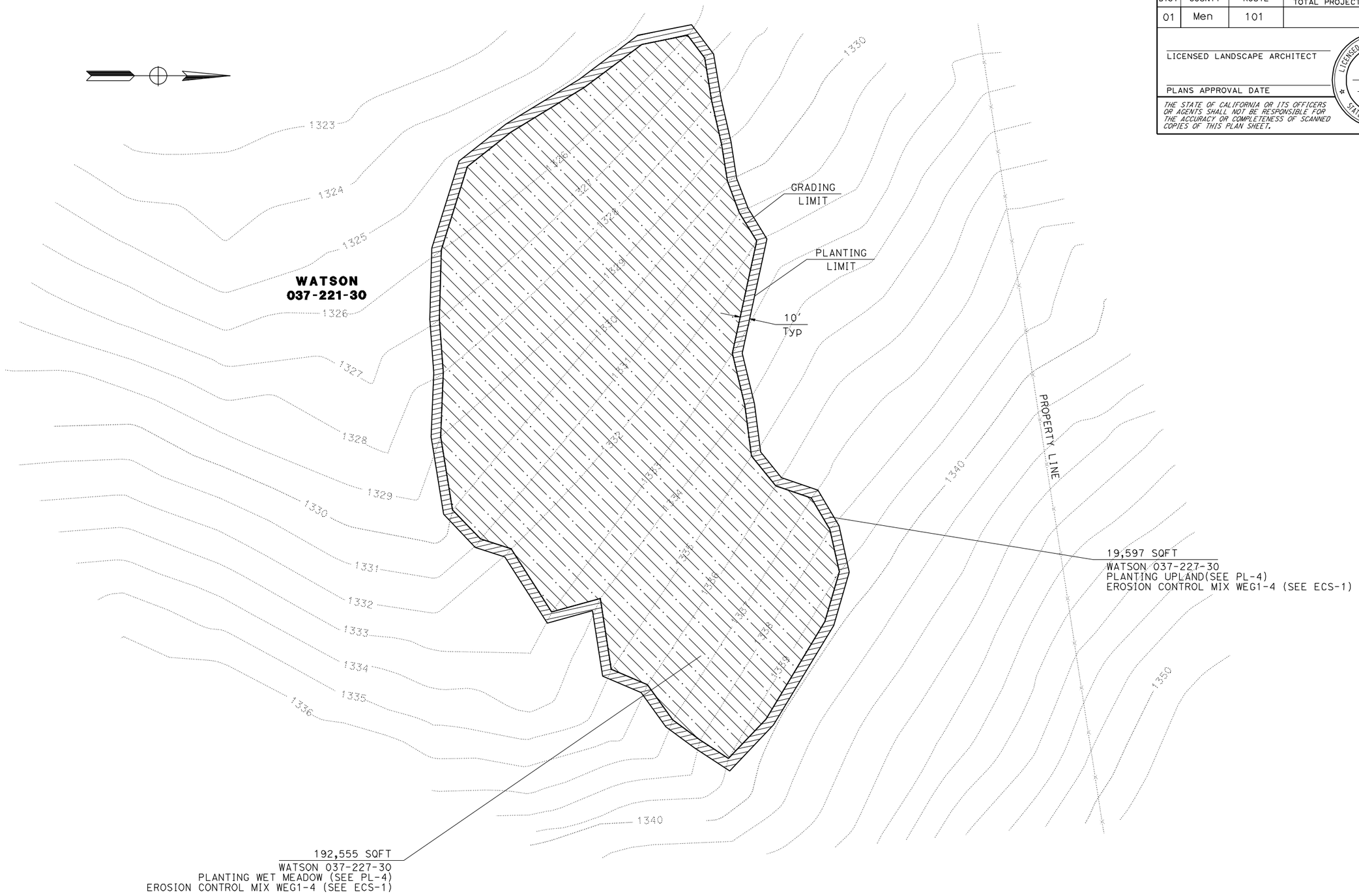
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	101			

LICENSED LANDSCAPE ARCHITECT

PLANS APPROVAL DATE

LICENSED LANDSCAPE ARCHITECT
Signature
Renewal Date
Date
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.



WATSON PARCEL
WETLAND ESTABLISHMENT
GROUP 1 - (1.0 CREDIT)

PLANTING PLAN

SCALE: 1"=50'

PP-5

REVISED BY	DATE REVISED

CALCULATED-DESIGNED BY
CHECKED BY
SENIOR LANDSCAPE ARCHITECT

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® 03 - LANDSCAPE ARCHITECTURE

LAST REVISION 00-00-00
DATE PLOTTED => 03-JAN-2012
TIME PLOTTED => 12:33

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	101	43.7/43.9		

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER No. Exp. CIVIL STATE OF CALIFORNIA

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

KEYMAP
WETLAND ESTABLISHMENT GROUP 2 - (0.3 CREDIT) CONTOUR GRADING

NO SCALE

K-3

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	REVISED BY
Caltrans® 03-DESIGN EAST	DOUGLAS S. JONES	CHECKED BY	DATE REVISED
		MELISSA HAURY	
		MITCH ANDRUS	

LAST REVISION 09-27-11 DATE PLOTTED => 03-JAN-2012 TIME PLOTTED => 12:18

NOTES:
1. THIS PLAN ACCURATE FOR GRADING ONLY.
2. SEE LAYOUT SHEETS FOR OTHER MITIGATION ACTIONS NOT SHOWN.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	101	43.7/43.9		

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER No. Exp. CIVIL STATE OF CALIFORNIA

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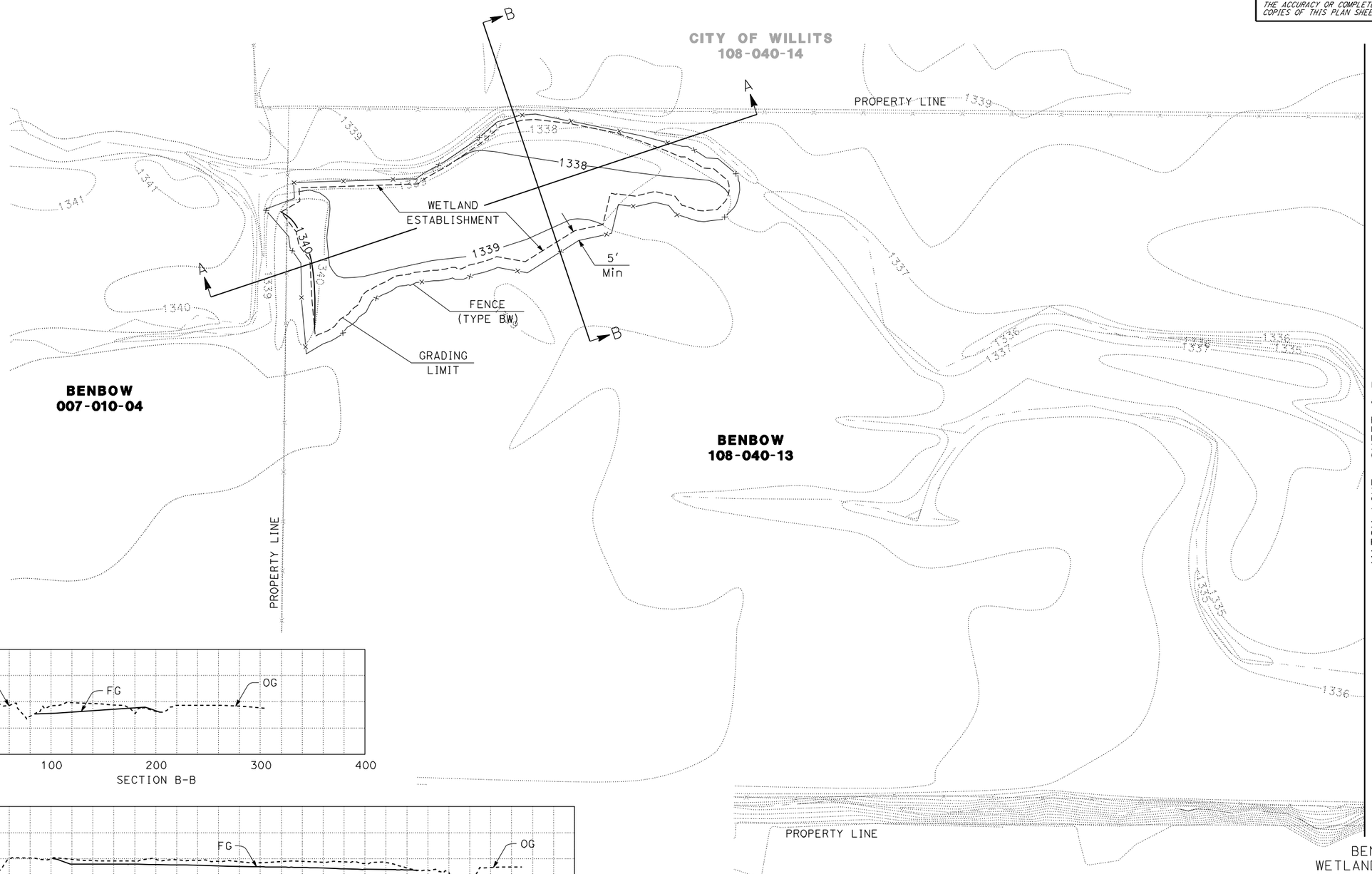

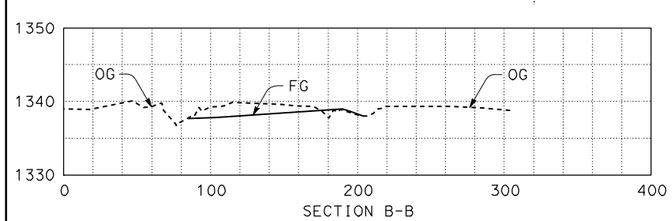

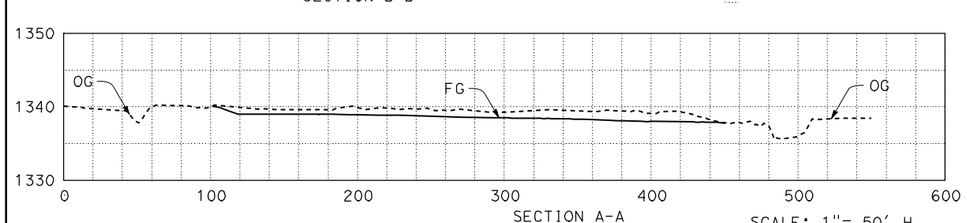

TYPICAL SECTIONS

SCALE: 1"= 50' H
1"= 10' V

CONTOUR INTERVAL = 1'

BENBOW PARCEL
WETLAND ESTABLISHMENT
GROUP 2 - (0.3 CREDIT)

CONTOUR GRADING

SCALE: 1"=50'

G-6

REVISED BY	DATE REVISED

CALCULATED-DESIGNED BY	CHECKED BY
MITCH ANDRUS	VINCENT MITCHELL

FUNCTIONAL SUPERVISOR: DOUGLAS S. JONES

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
03-DESIGN EAST

LAST REVISION 09-24-11
DATE PLOTTED => 03-JAN-2012
TIME PLOTTED => 12:18

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	101			

LICENSED LANDSCAPE ARCHITECT

PLANS APPROVAL DATE

LICENSED LANDSCAPE ARCHITECT — Signature — Renewal Date — Date — STATE OF CALIFORNIA

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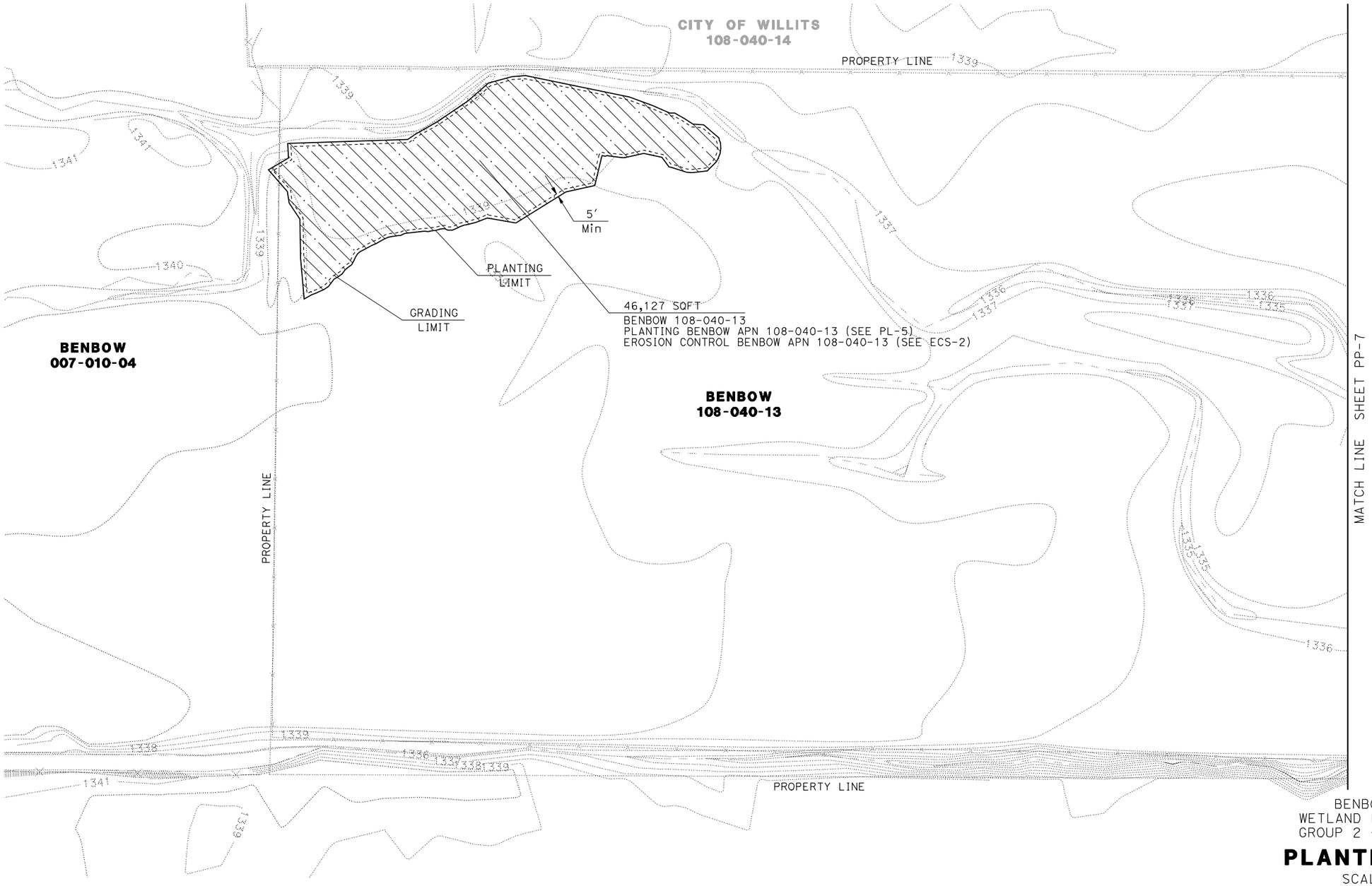

BENBOW PARCEL
WETLAND ESTABLISHMENT
GROUP 2 - (0.3 CREDIT)

PLANTING PLAN

SCALE: 1"=50'

PP-6

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans® 03 - LANDSCAPE ARCHITECTURE

SENIOR LANDSCAPE ARCHITECT

CALCULATED-DESIGNED BY

CHECKED BY

REVISED BY

DATE REVISED

LAST REVISION 00-00-00

DATE PLOTTED => 03-JAN-2012
TIME PLOTTED => 12:33

NOTES:
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2. SEE LAYOUT SHEETS FOR OTHER MITIGATION ACTIONS NOT SHOWN.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	101	43.7/43.9		

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER No. Exp. CIVIL STATE OF CALIFORNIA

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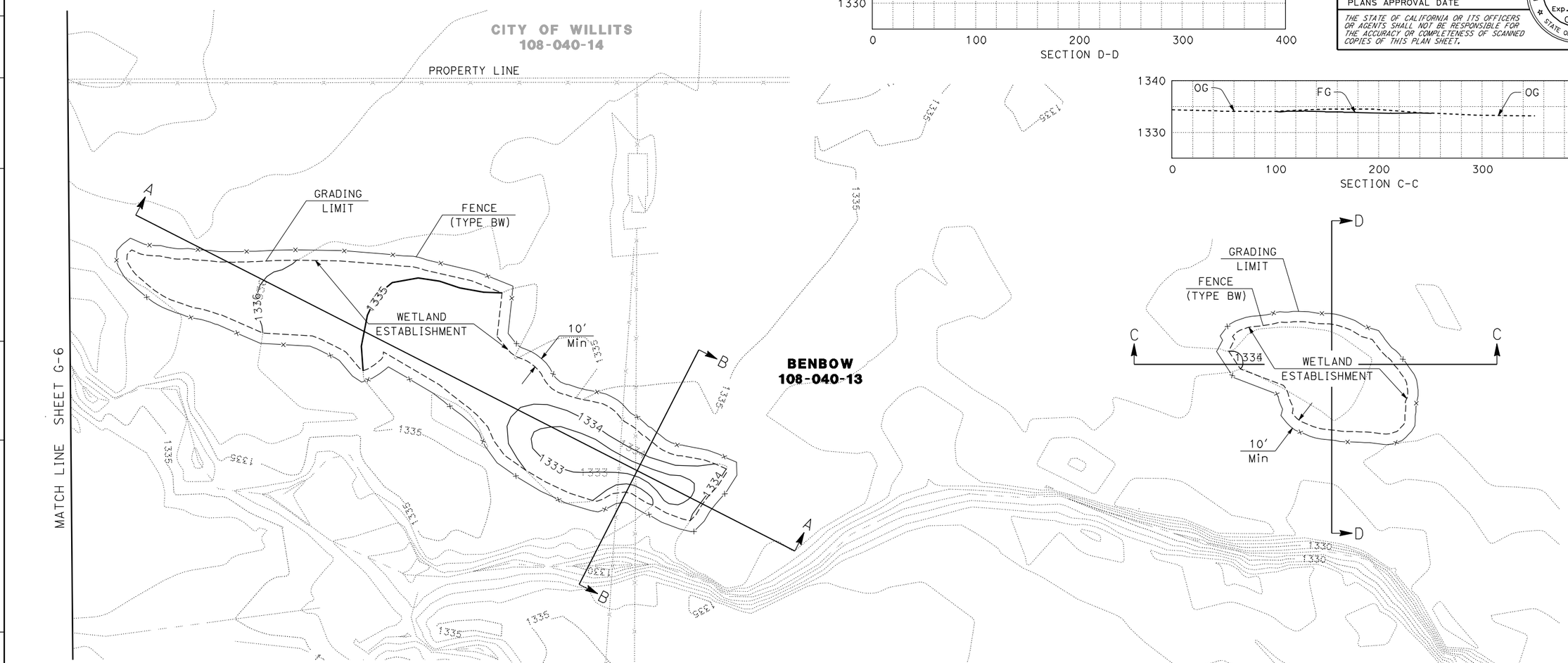
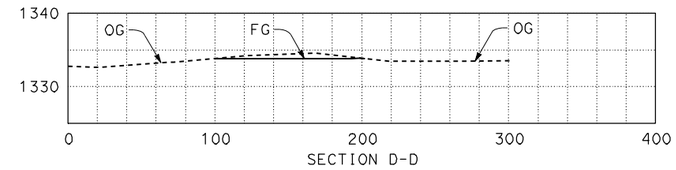
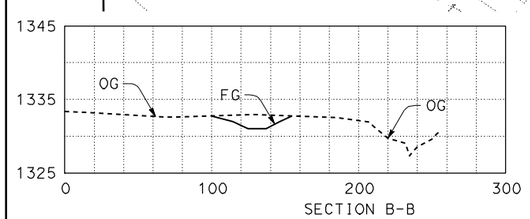


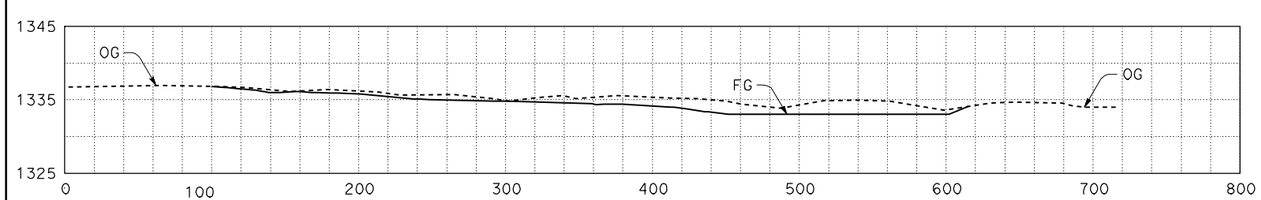


SECTION D-D

SECTION C-C



SECTION B-B



SECTION A-A

TYPICAL SECTIONS

SCALE: 1"= 50' H
1"= 20' V

BENBOW PARCEL
WETLAND ESTABLISHMENT
GROUP 2 - (0.3 CREDIT)

CONTOUR GRADING

SCALE: 1"=50'

G-7

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans 03-DESIGN EAST

FUNCTIONAL SUPERVISOR: DOUGLAS S. JONES
CALCULATED-DESIGNED BY: MITCH ANDRUS
CHECKED BY: VINCENT MITCHELL
REVISED BY / DATE REVISED

LAST REVISION 09-24-11
DATE PLOTTED => 03-JAN-2012
TIME PLOTTED => 12:18

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	101			

LICENSED LANDSCAPE ARCHITECT

PLANS APPROVAL DATE

LICENSED LANDSCAPE ARCHITECT
Signature
Renewal Date
Date
STATE OF CALIFORNIA

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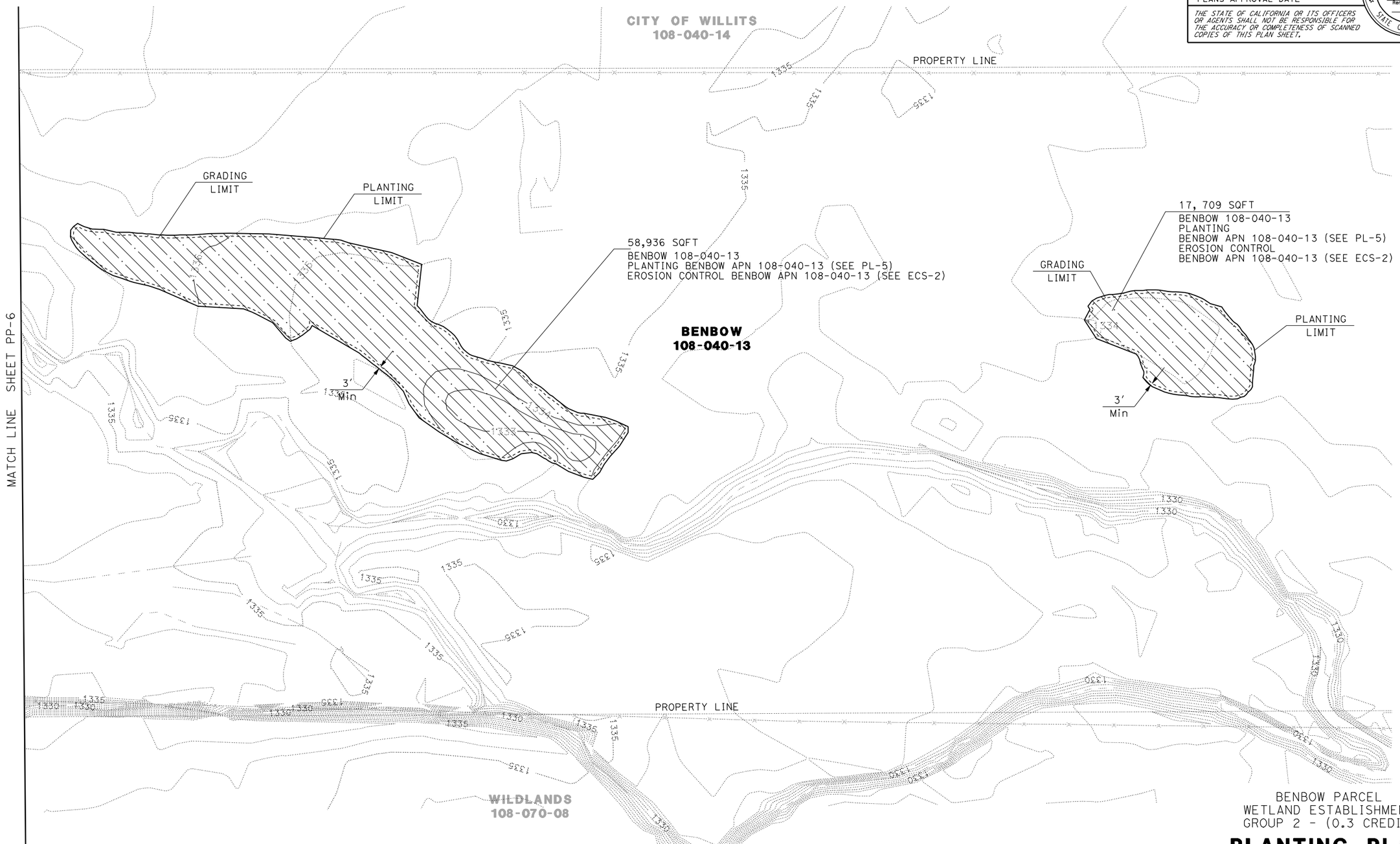

BENBOW PARCEL
WETLAND ESTABLISHMENT
GROUP 2 - (0.3 CREDIT)

PLANTING PLAN

SCALE: 1"=50'

PP-7

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans® 03 - LANDSCAPE ARCHITECTURE

SENIOR LANDSCAPE ARCHITECT

CALCULATED-DESIGNED BY

CHECKED BY

REVISED BY

DATE REVISED

LAST REVISION 00-00-00

DATE PLOTTED => 03-JAN-2012
TIME PLOTTED => 12:33

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	101	43.7/43.9		

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER No. Exp. CIVIL STATE OF CALIFORNIA

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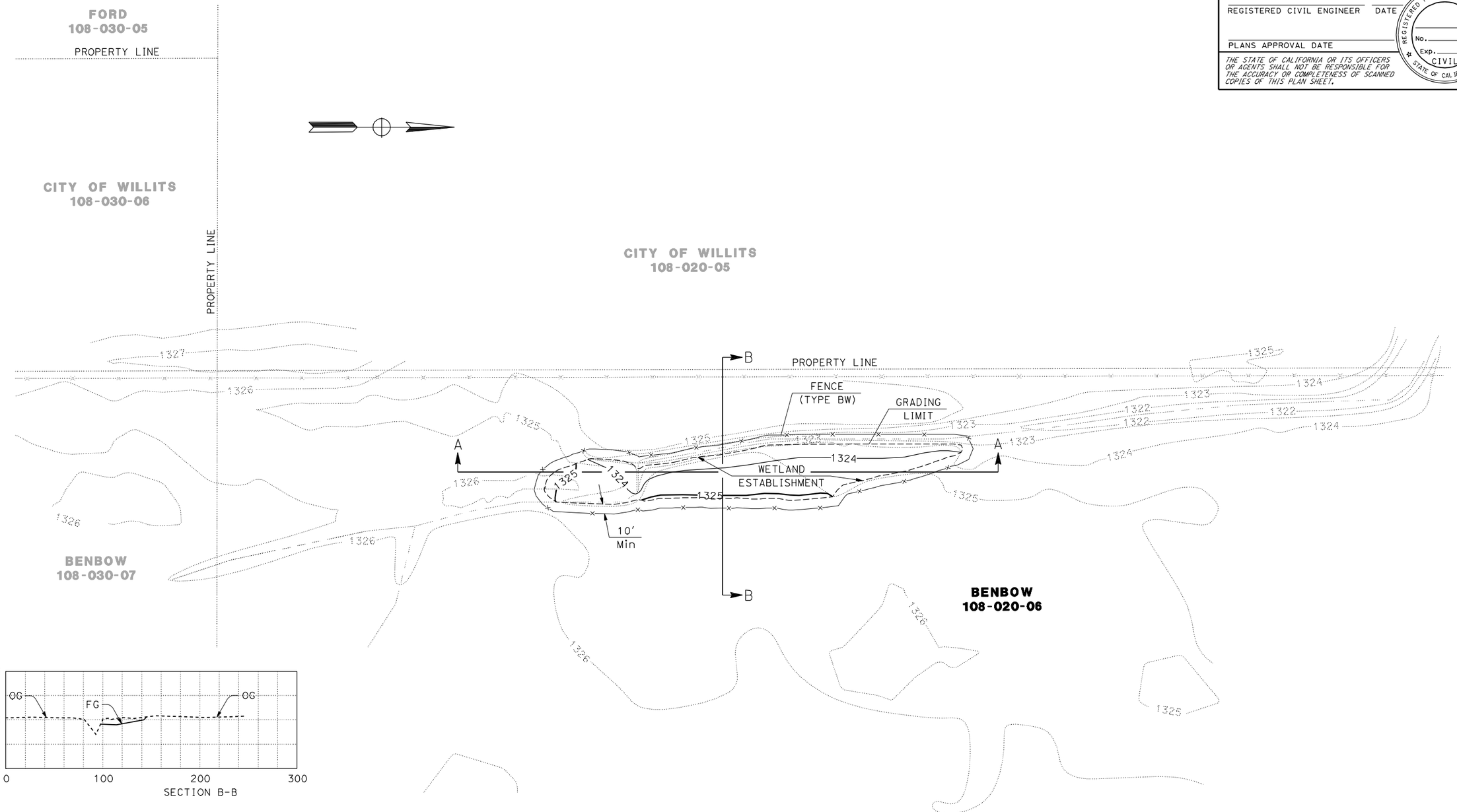

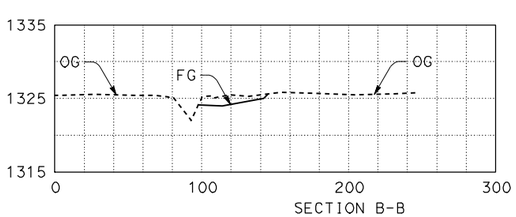

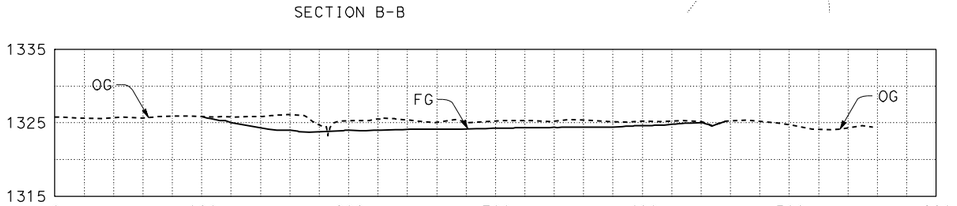

TYPICAL SECTIONS

SCALE: 1"= 50' H
1"= 10' V

CONTOUR INTERVAL = 1'

BENBOW PARCEL
WETLAND ESTABLISHMENT
GROUP 2 - (0.3 CREDIT)

CONTOUR GRADING

SCALE: 1"=50'

G-8

REVISED BY	DATE REVISED
MITCH ANDRUS	VINCENT MITCHELL
CALCULATED-DESIGNED BY	CHECKED BY
FUNCTIONAL SUPERVISOR	DOUGLAS S. JONES

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
03-DESIGN EAST

LAST REVISION 09-24-11
DATE PLOTTED => 03-JAN-2012
TIME PLOTTED => 12:18

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	101			

LICENSED LANDSCAPE ARCHITECT

PLANS APPROVAL DATE

LICENSED LANDSCAPE ARCHITECT — Signature — Renewal Date — Date — STATE OF CALIFORNIA

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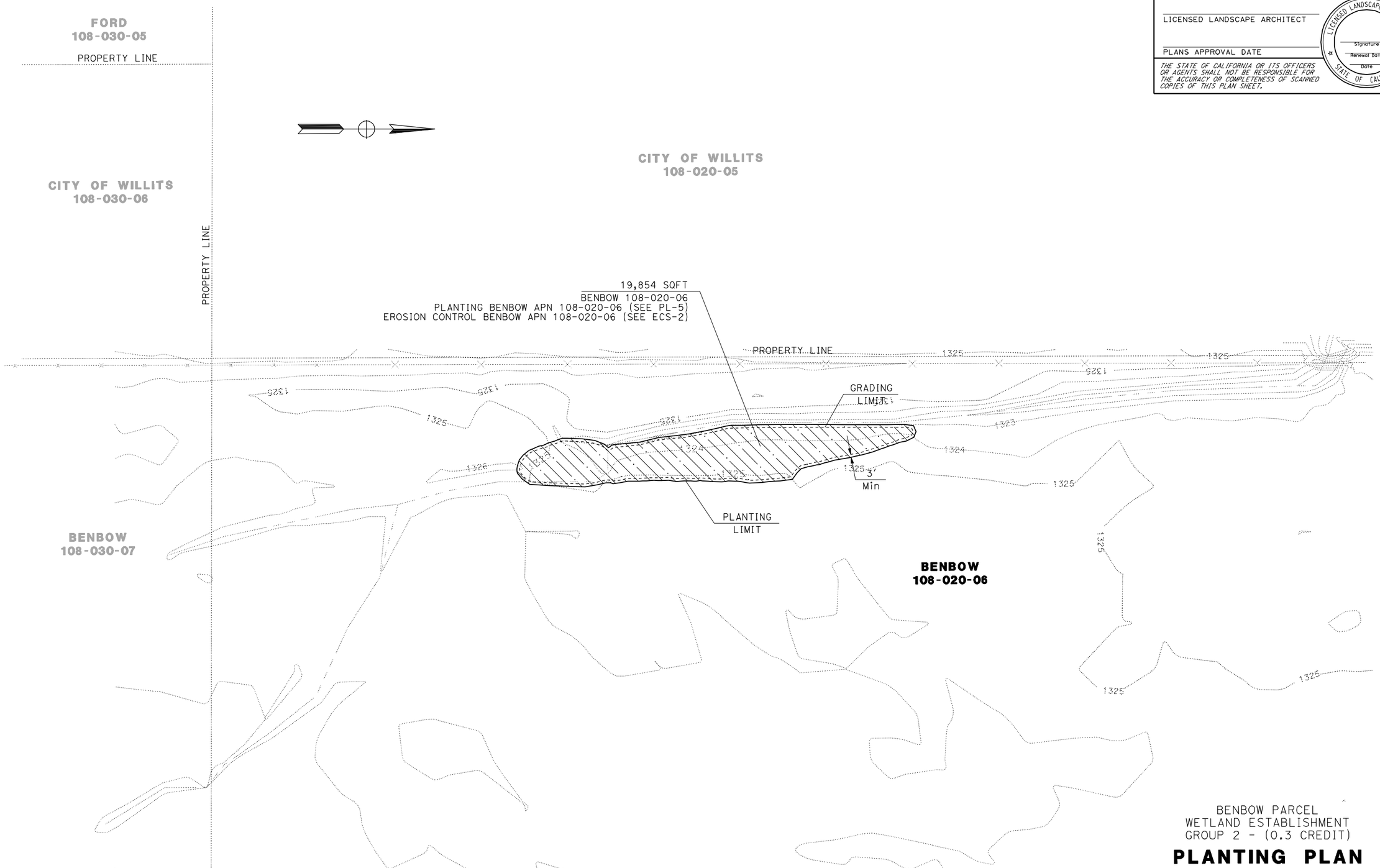

BENBOW PARCEL
WETLAND ESTABLISHMENT
GROUP 2 - (0.3 CREDIT)

PLANTING PLAN

SCALE: 1"=50'

PP-8

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans® 03 - LANDSCAPE ARCHITECTURE

SENIOR LANDSCAPE ARCHITECT

CALCULATED-DESIGNED BY

CHECKED BY

REVISED BY

DATE REVISED

LAST REVISION 00-00-00

DATE PLOTTED => 03-JAN-2012
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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
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REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER No. Exp. CIVIL STATE OF CALIFORNIA

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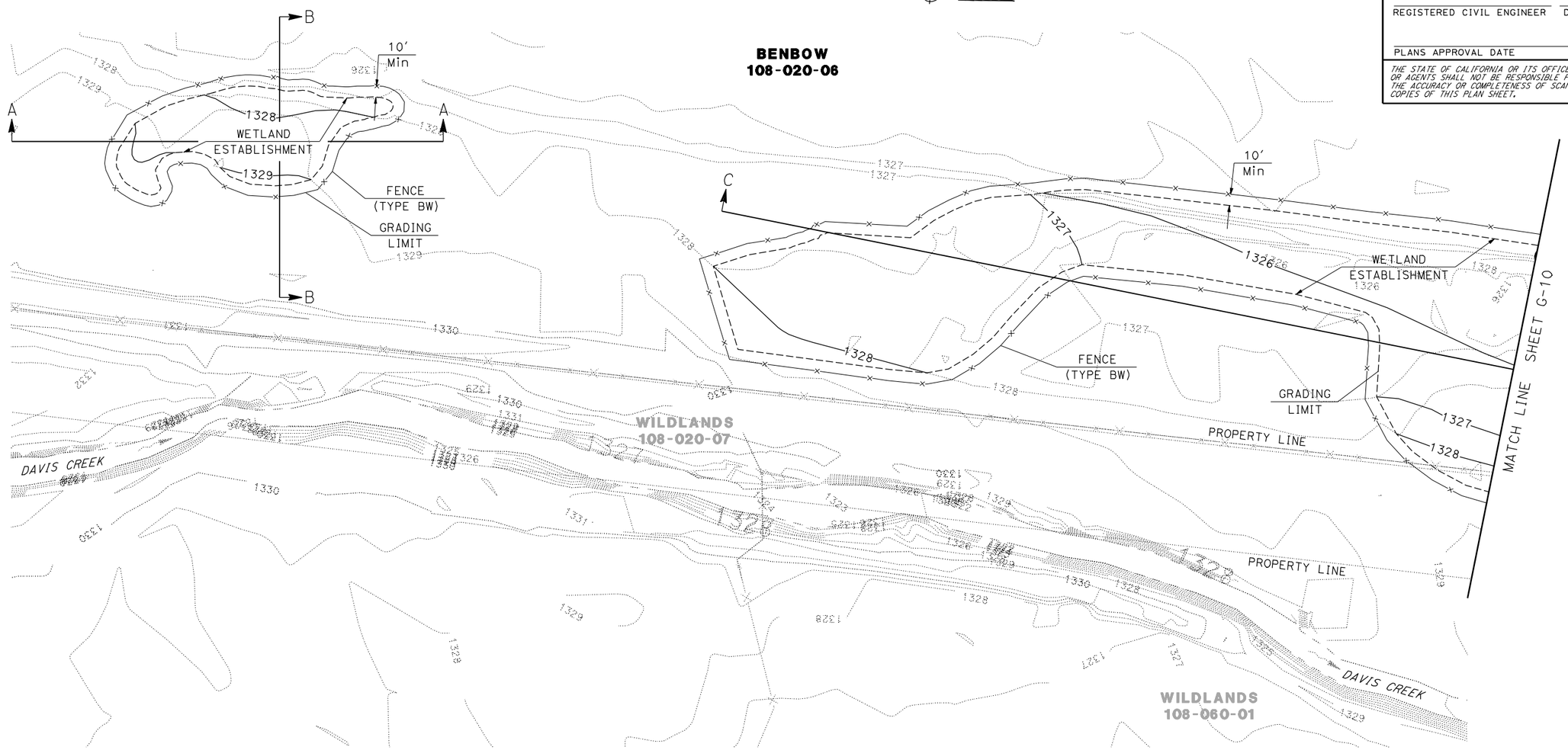

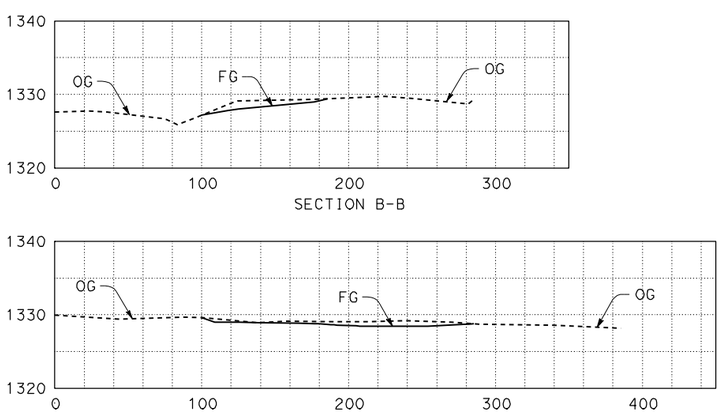

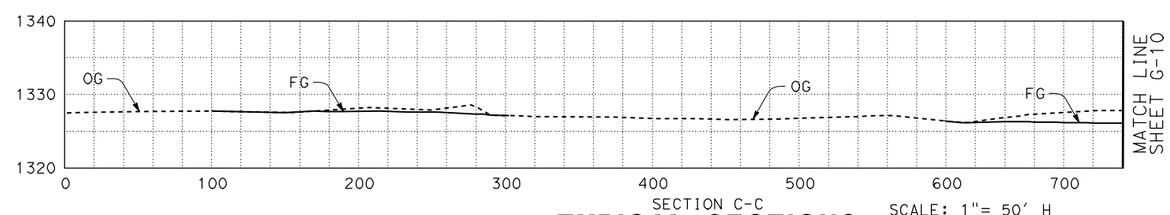

TYPICAL SECTIONS SCALE: 1"= 50′ H 1"= 10′ V

TYPICAL SECTIONS SCALE: 1"= 50′ H 1"= 10′ V

BENBOW/WILDLANDS PARCEL
WETLAND ESTABLISHMENT
GROUP 2 - (0.3 CREDIT)

CONTOUR GRADING

SCALE: 1"=50′

G-9

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® 03-DESIGN EAST

FUNCTIONAL SUPERVISOR: DOUGLAS S. JONES
CALCULATED-DESIGNED BY: MITCH ANDRUS
CHECKED BY: VINCENT MITCHELL
REVISED BY / DATE REVISED

LAST REVISION 09-24-11
DATE PLOTTED => 03-JAN-2012
TIME PLOTTED => 12:18

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	101			

LICENSED LANDSCAPE ARCHITECT

PLANS APPROVAL DATE

LICENSED LANDSCAPE ARCHITECT
Signature
Renewal Date
Date
STATE OF CALIFORNIA

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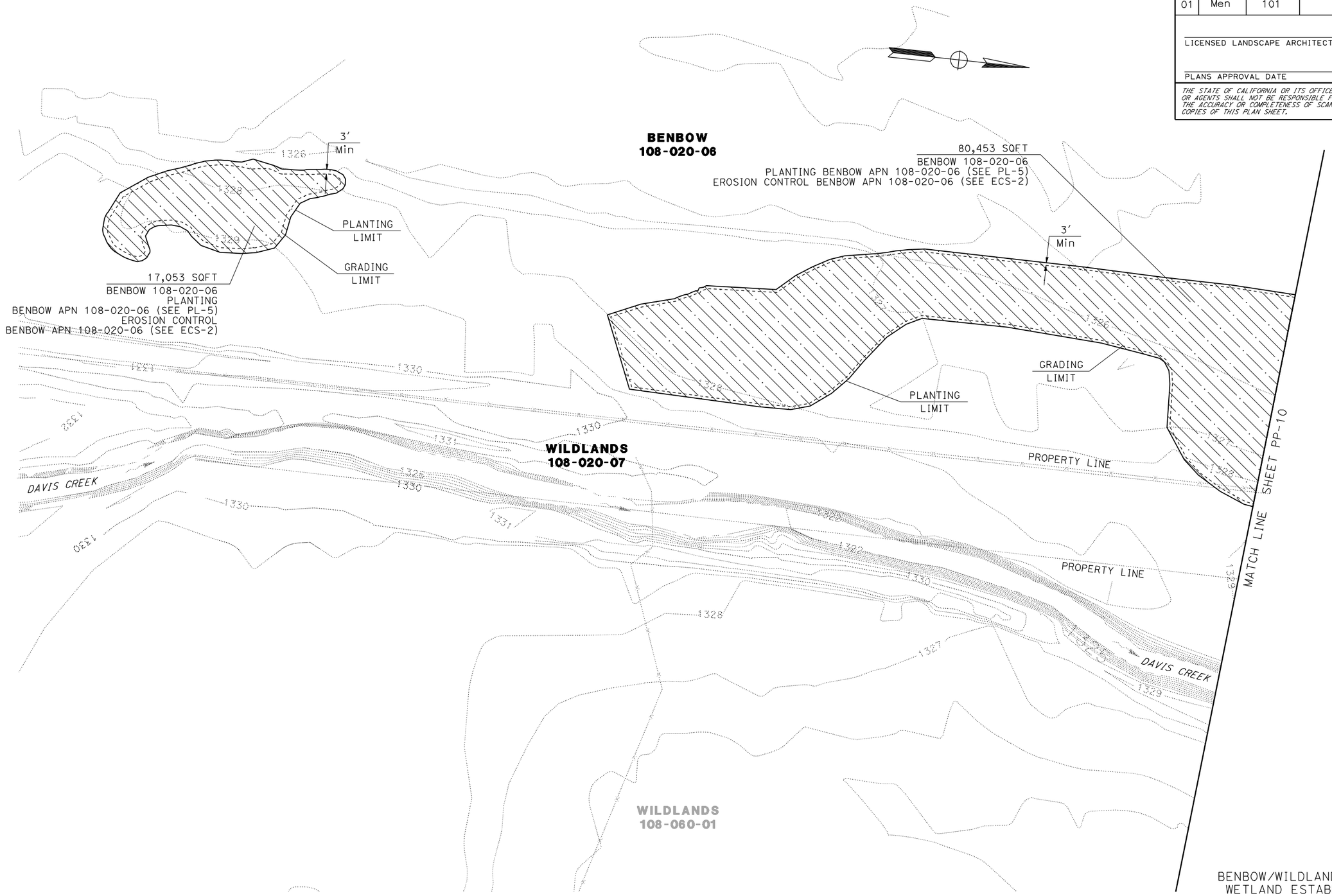

BENBOW/WILDLANDS PARCEL
WETLAND ESTABLISHMENT
GROUP 2 - (0.3 CREDIT)

PLANTING PLAN

SCALE: 1"=50′

PP-9

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® 03 - LANDSCAPE ARCHITECTURE

SENIOR LANDSCAPE ARCHITECT

CALCULATED-DESIGNED BY

CHECKED BY

REVISED BY

DATE REVISED

LAST REVISION 00-00-00

DATE PLOTTED => 03-JAN-2012
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01	Men	101	43.7/43.9		

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

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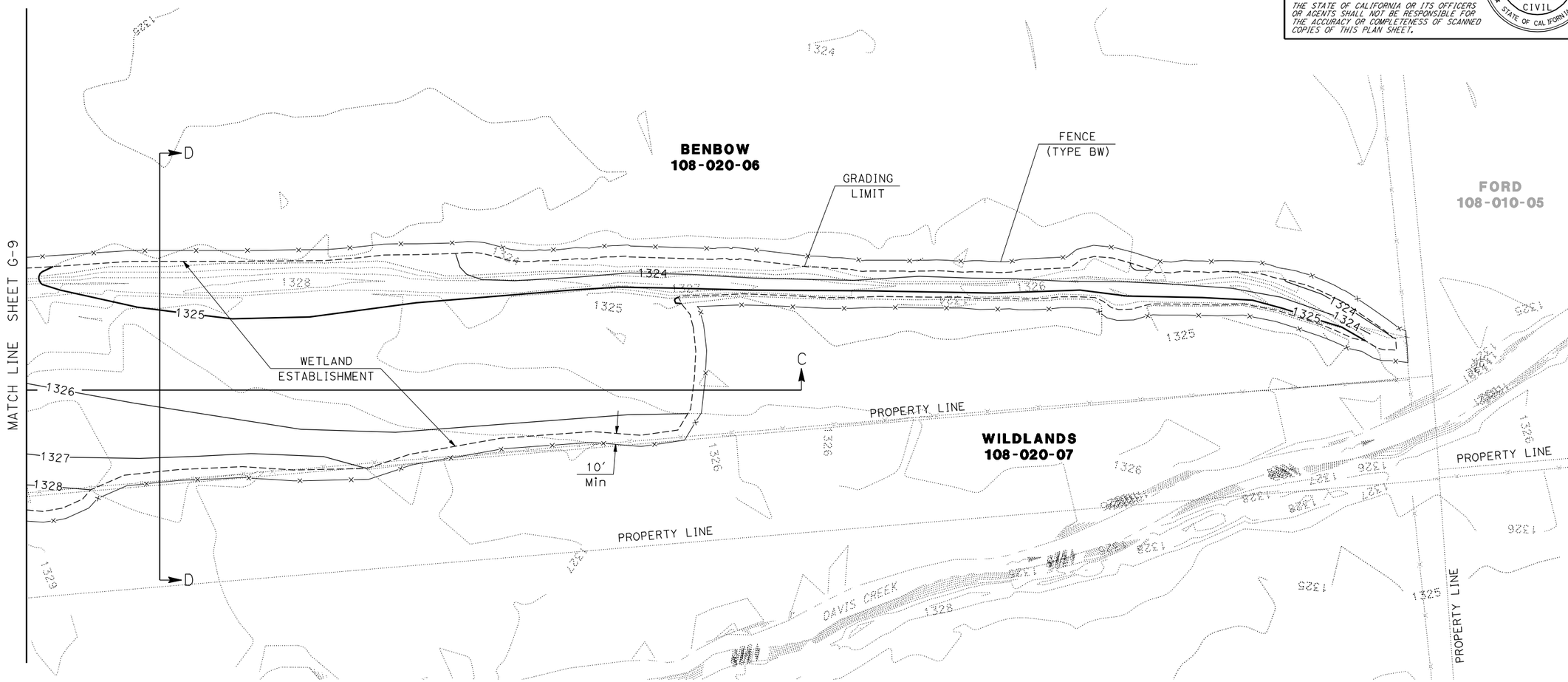

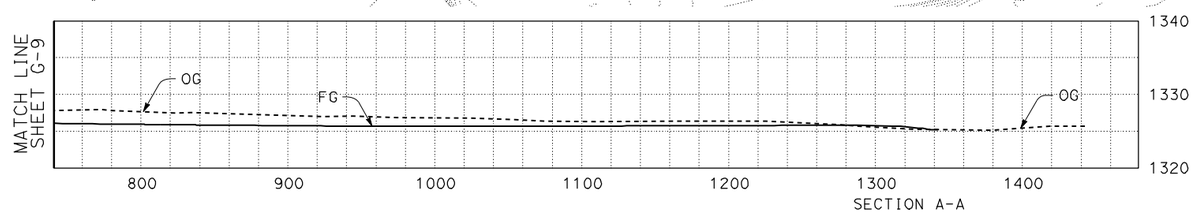

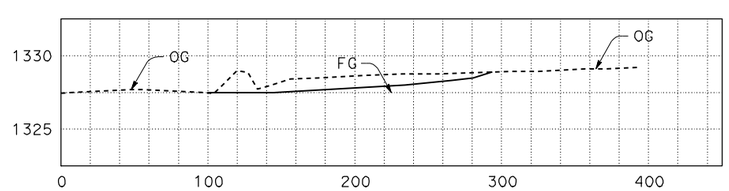

TYPICAL SECTIONS

SCALE: 1"= 50' H
1"= 5' V

BENBOW/WILDLANDS PARCEL
WETLAND ESTABLISHMENT
GROUP 2 - (0.3 CREDIT)

CONTOUR GRADING

SCALE: 1"=50'

G-10

REVISED BY	DATE REVISED
MITCH ANDRUS	VINCENT MITCHELL
CALCULATED-DESIGNED BY	CHECKED BY
FUNCTIONAL SUPERVISOR	DOUGLAS S. JONES

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
03-DESIGN EAST

LAST REVISION 09-24-11
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01	Men	101			

LICENSED LANDSCAPE ARCHITECT

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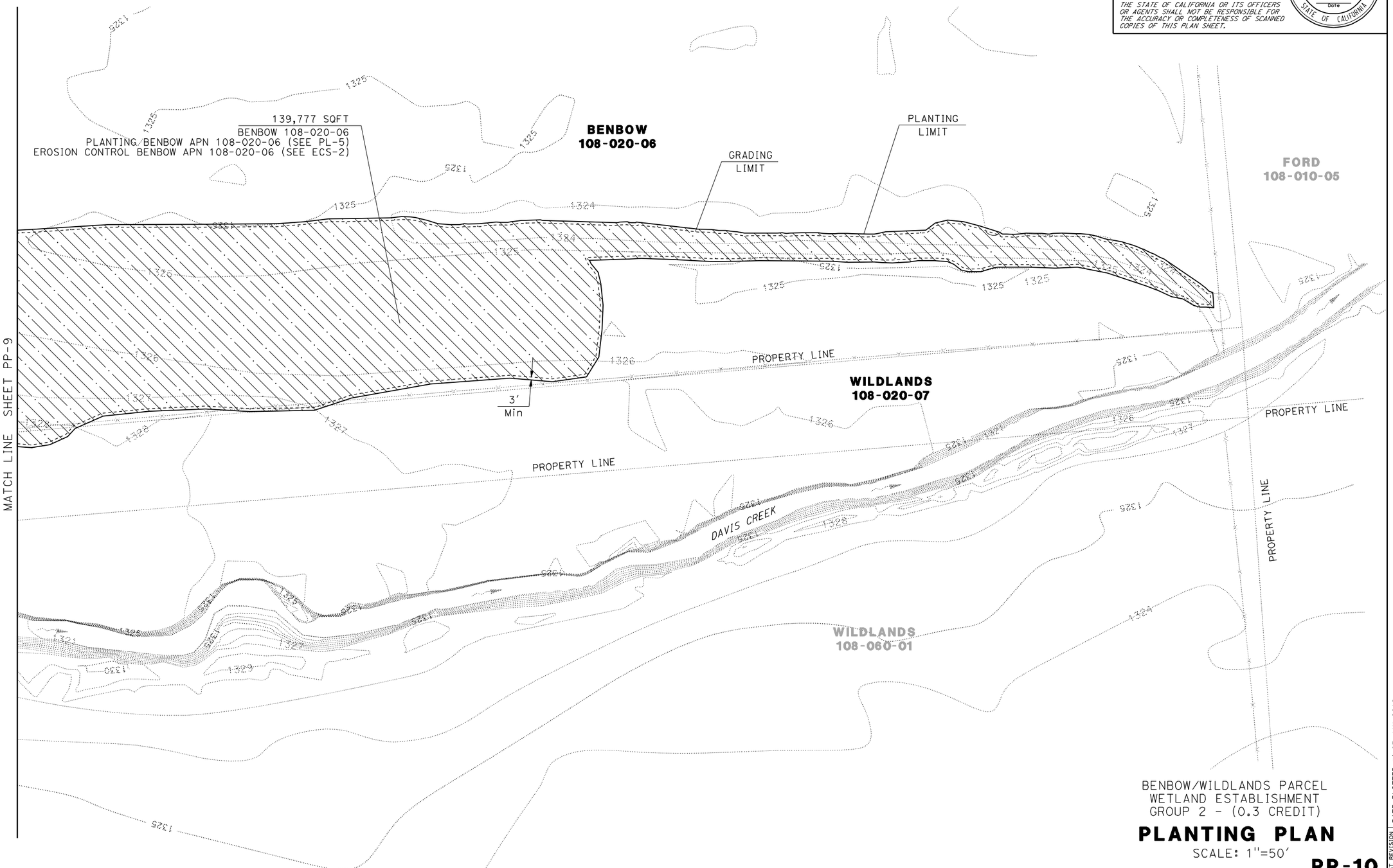

BENBOW/WILDLANDS PARCEL
WETLAND ESTABLISHMENT
GROUP 2 - (0.3 CREDIT)

PLANTING PLAN

SCALE: 1"=50'

PP-10

REVISED BY	DATE REVISED

CALCULATED-DESIGNED BY

CHECKED BY

SENIOR LANDSCAPE ARCHITECT

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans® 03 - LANDSCAPE ARCHITECTURE

LAST REVISION 00-00-00

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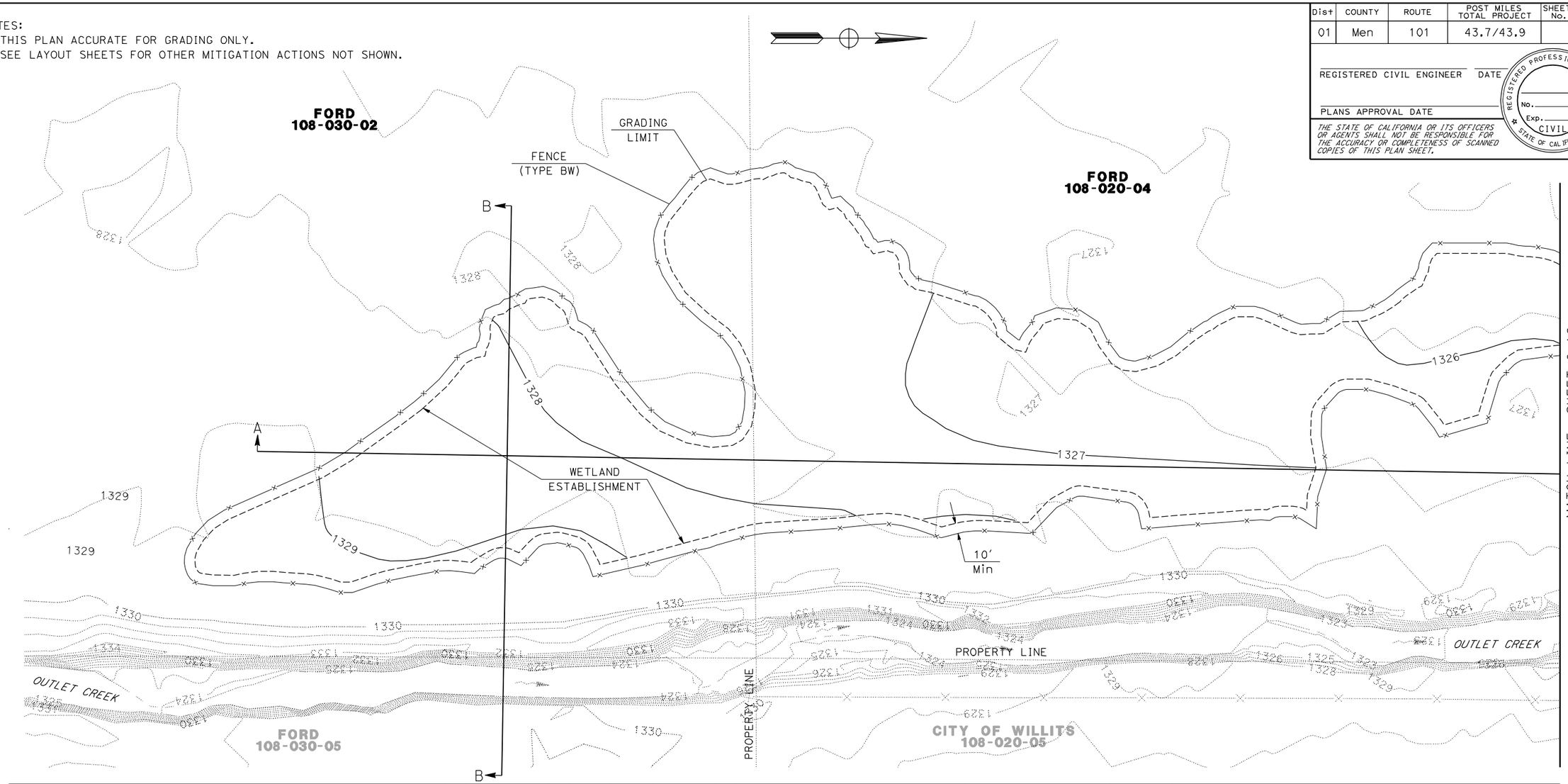

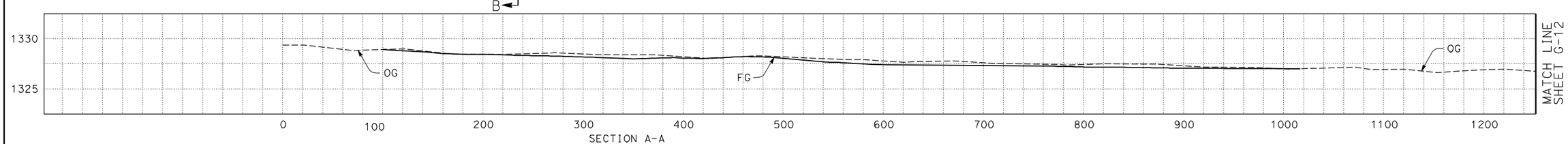

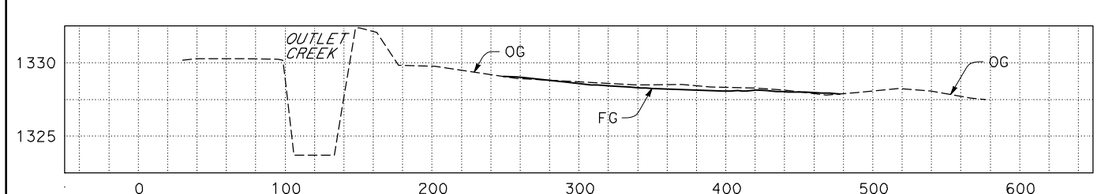

TYPICAL SECTIONS

SCALE: 1"= 50' H
1"= 5' V

FORD PARCEL
WETLAND ESTABLISHMENT
GROUP 2 - (0.3 CREDIT)

CONTOUR GRADING

SCALE: 1"=50'

G-11

REVISED BY	DATE REVISED
MITCH ANDRUS	VINCENT MITCHELL
CALCULATED-DESIGNED BY	CHECKED BY
FUNCTIONAL SUPERVISOR	DOUGLAS S. JONES

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
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LICENSED LANDSCAPE ARCHITECT

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Signature
Renewal Date
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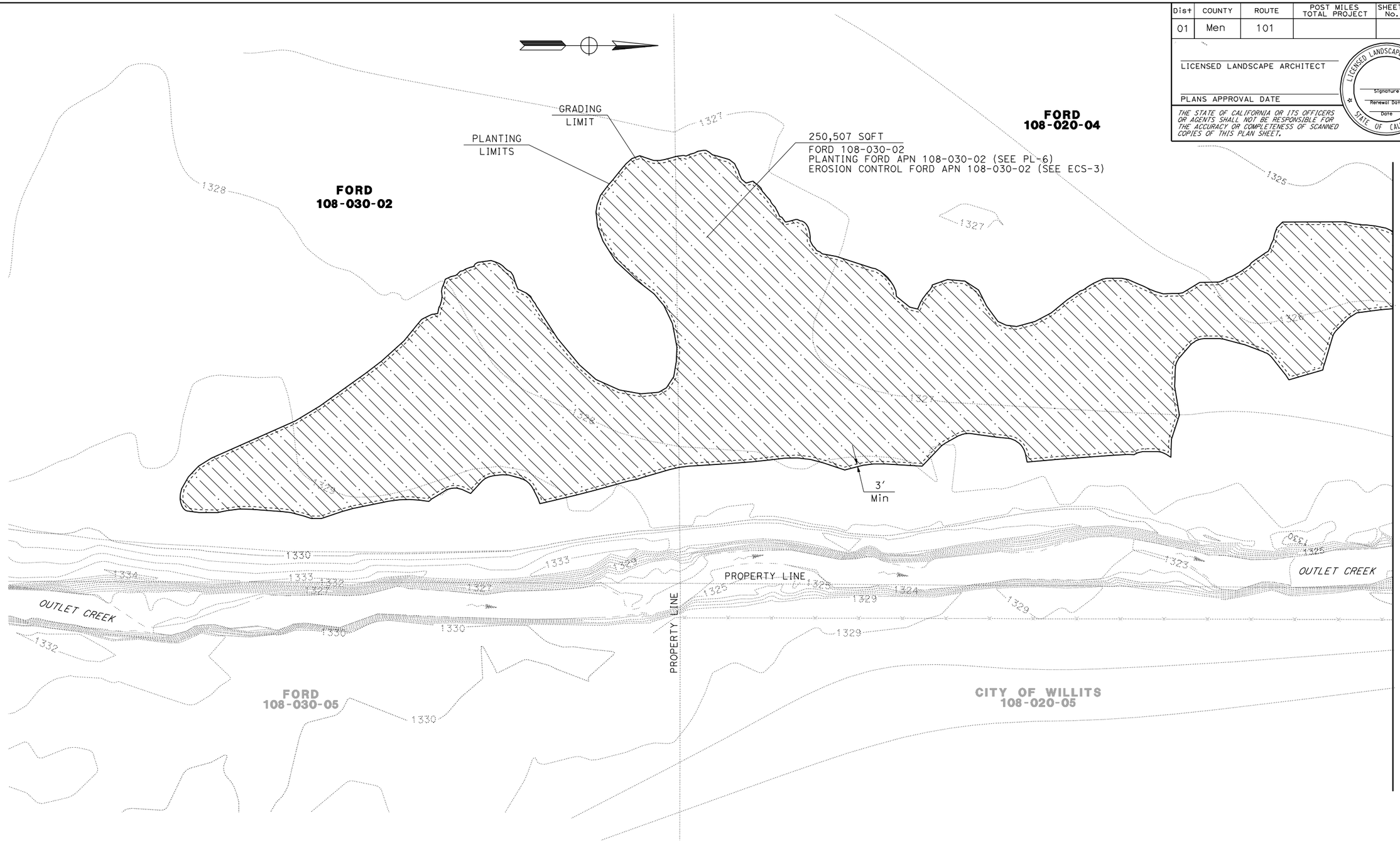

FORD PARCEL
WETLAND ESTABLISHMENT
GROUP 2 - (0.3 CREDIT)

PLANTING PLAN

SCALE: 1"=50'

PP-11

REVISED BY | DATE REVISED

CALCULATED-DESIGNED BY | CHECKED BY

SENIOR LANDSCAPE ARCHITECT

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans® 03 - LANDSCAPE ARCHITECTURE

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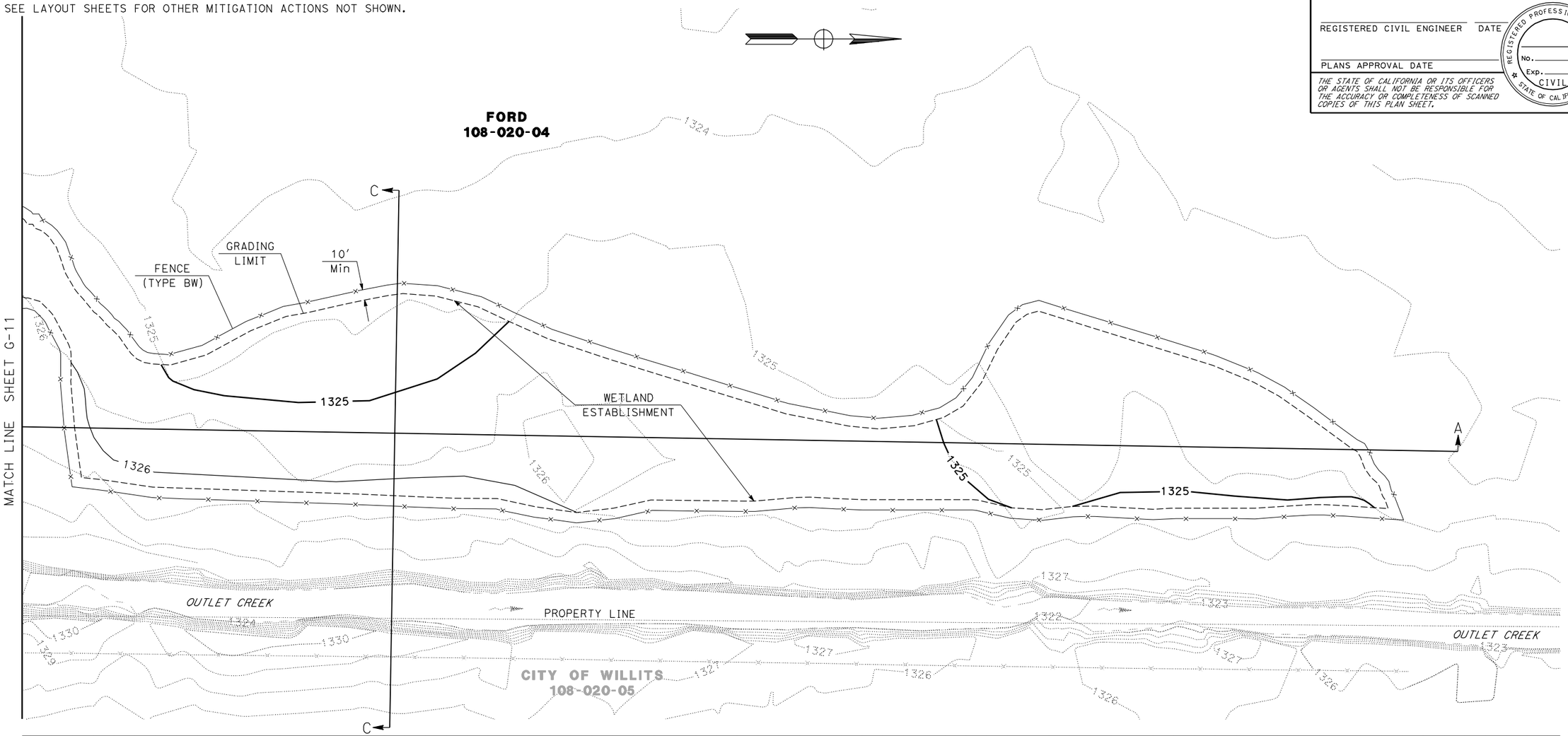
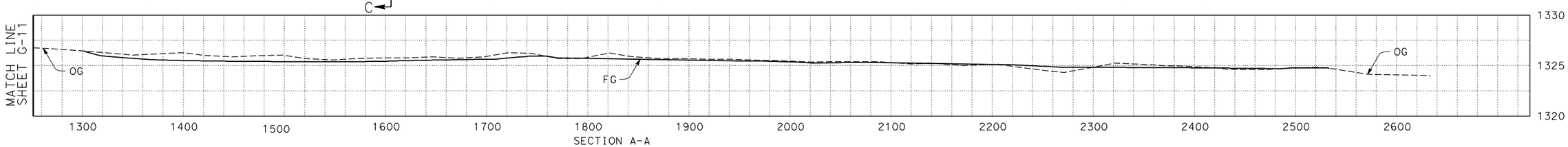
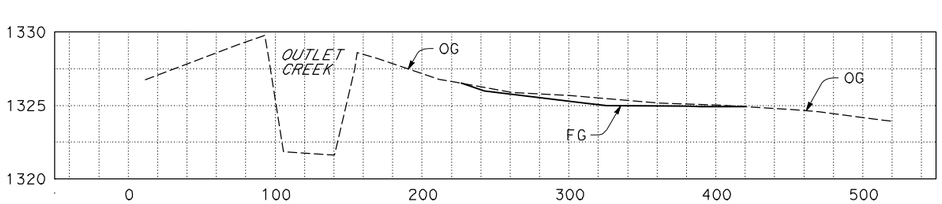




SECTION A-A



SECTION C-C

TYPICAL SECTIONS

SCALE: 1"= 50' H
1"= 5' V

FORD PARCEL
WETLAND ESTABLISHMENT
GROUP 2 - (0.3 CREDIT)

CONTOUR GRADING

SCALE: 1"=50'

G-12

REVISED BY	DATE REVISED
MITCH ANDRUS	VINCENT MITCHELL

CALCULATED-DESIGNED BY	CHECKED BY

FUNCTIONAL SUPERVISOR: DOUGLAS S. JONES

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
03-DESIGN EAST

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01	Men	101			

LICENSED LANDSCAPE ARCHITECT

PLANS APPROVAL DATE

LICENSED LANDSCAPE ARCHITECT
Signature
Renewal Date
Date
STATE OF CALIFORNIA

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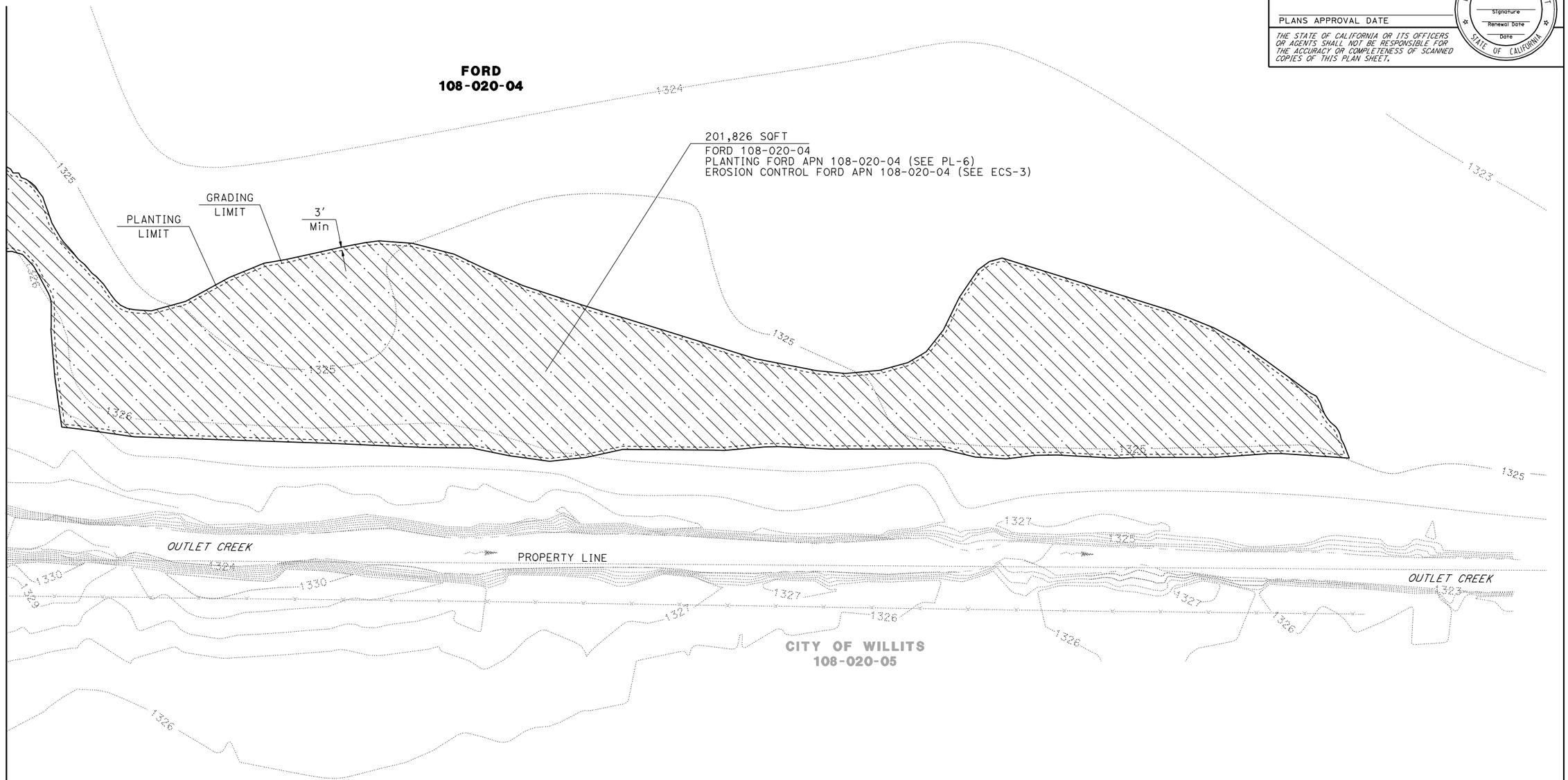

FORD PARCEL
WETLAND ESTABLISHMENT
GROUP 2 - (0.3 CREDIT)

PLANTING PLAN

SCALE: 1"=50'

PP-12

REVISED BY	DATE REVISED

CALCULATED-DESIGNED BY
CHECKED BY
SENIOR LANDSCAPE ARCHITECT

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® 03 - LANDSCAPE ARCHITECTURE

LAST REVISION 00-00-00
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PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER No. Exp. CIVIL STATE OF CALIFORNIA

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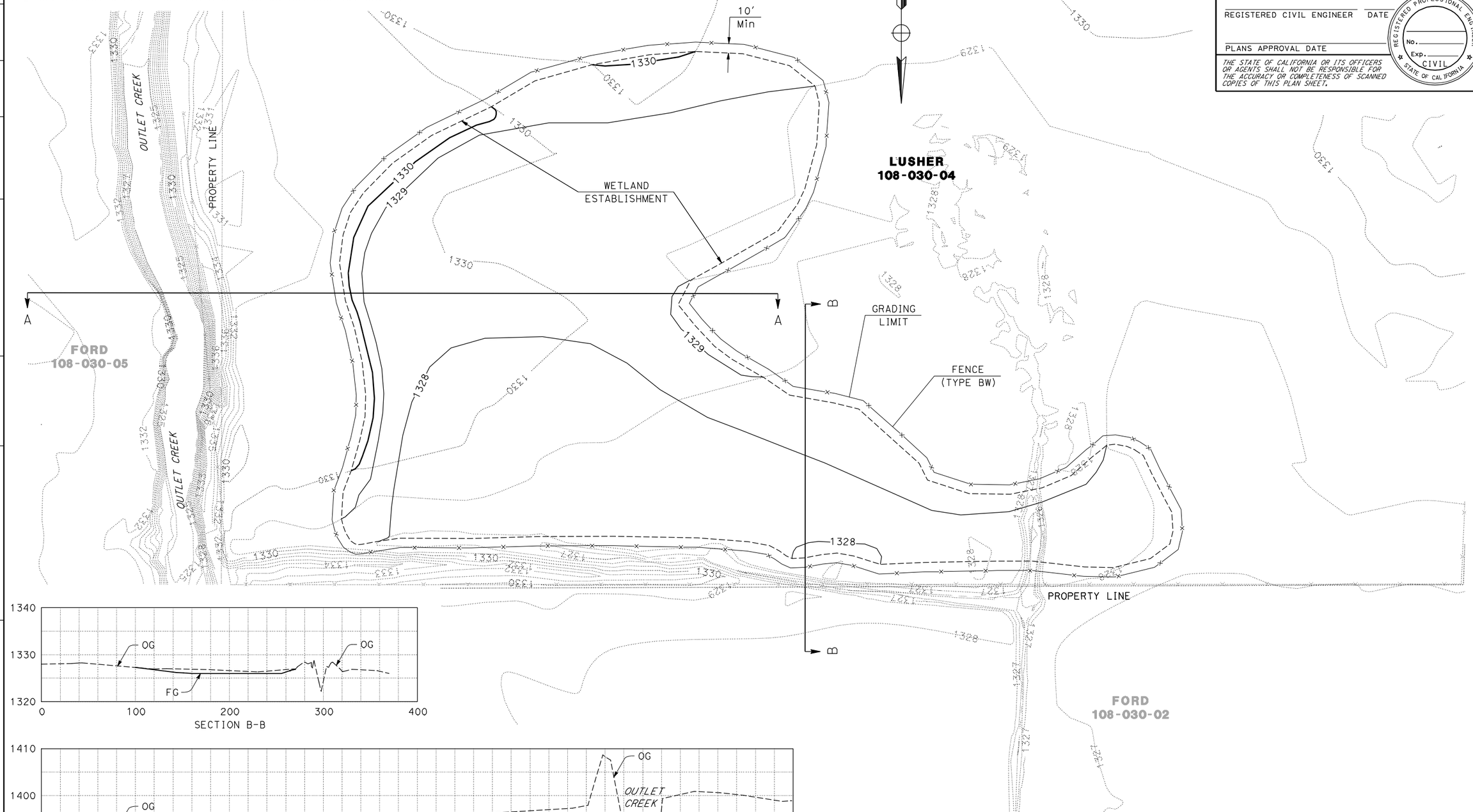


TYPICAL SECTIONS

SCALE: 1"= 50' H
1"= 10' V

LUSHER PARCEL
WETLAND ESTABLISHMENT
GROUP 2 - (0.3 CREDIT)

CONTOUR GRADING

SCALE: 1"=50'

G-13

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans 03-DESIGN EAST

FUNCTIONAL SUPERVISOR: DOUGLAS S. JONES
CALCULATED-DESIGNED BY: MITCH ANDRUS
CHECKED BY: VINCENT MITCHELL
REVISED BY / DATE REVISED

LAST REVISION 09-24-11 | DATE PLOTTED => 03-JAN-2012 | TIME PLOTTED => 12:18

BORDER LAST REVISED 7/2/2010 | USERNAME => s114430 | DGN FILE => WE2-013.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0307 | PROJECT NUMBER & PHASE 01000000054

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	101			

LICENSED LANDSCAPE ARCHITECT

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
Signature
Renewal Date
Date
STATE OF CALIFORNIA

LUSHER PARCEL
WETLAND ESTABLISHMENT
GROUP 2 - (0.3 CREDIT)

PLANTING PLAN

SCALE: 1"=50'

PP-13

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® 03 - LANDSCAPE ARCHITECTURE

SENIOR LANDSCAPE ARCHITECT

CALCULATED-DESIGNED BY

CHECKED BY

REVISED BY

DATE REVISED

LAST REVISION 00-00-00

DATE PLOTTED => 03-JAN-2012
TIME PLOTTED => 12:33

NOTES:
1. THIS PLAN ACCURATE FOR GRADING ONLY.
2. SEE LAYOUT SHEETS FOR OTHER MITIGATION ACTIONS NOT SHOWN.

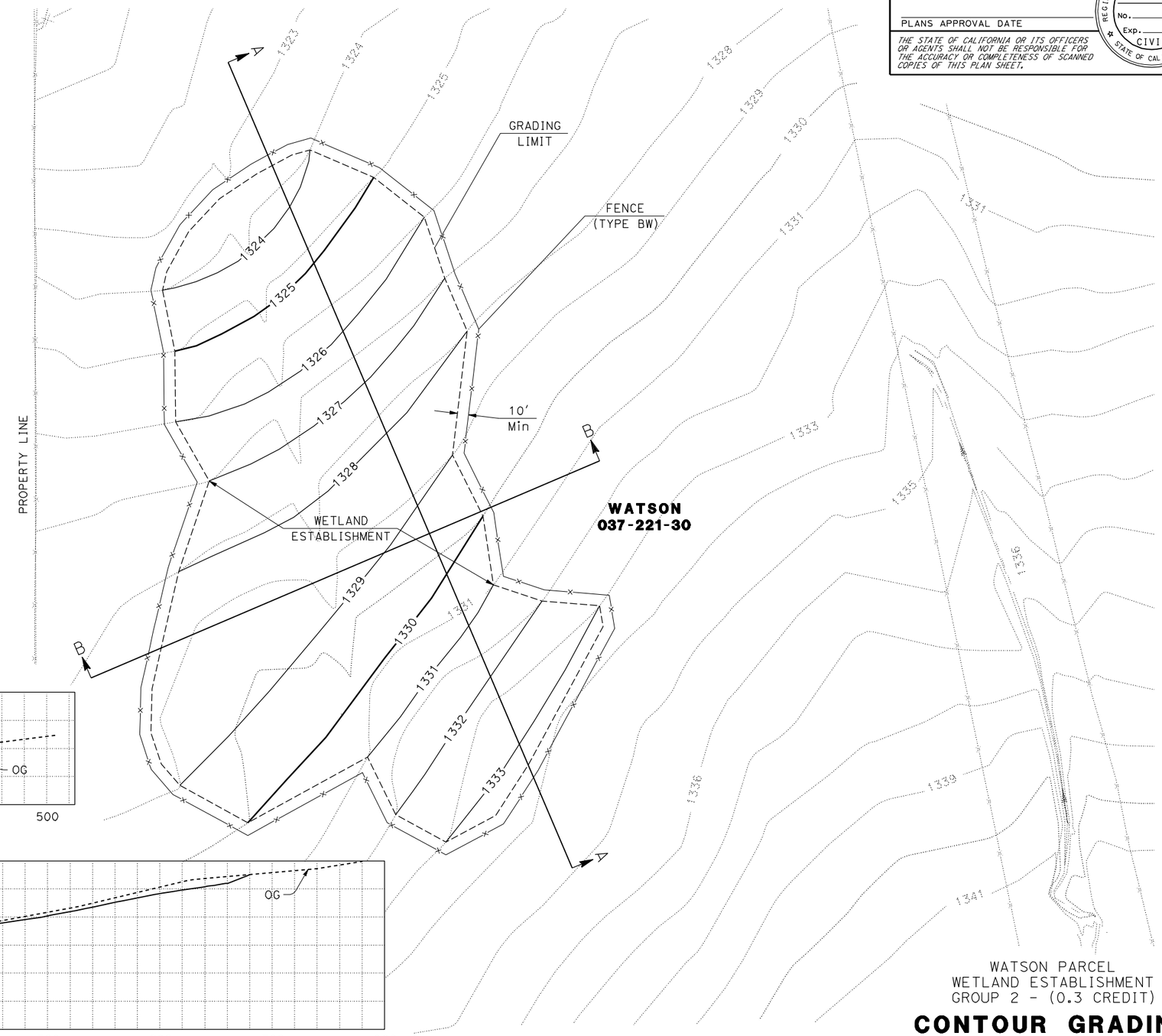
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	101	43.7/43.9		

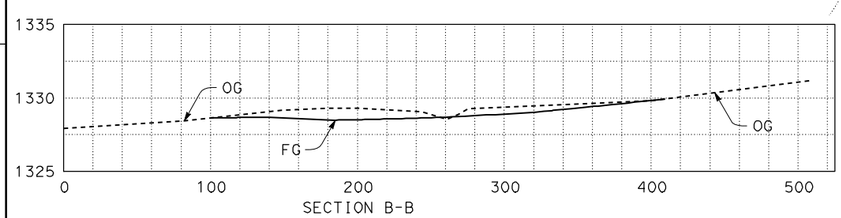
REGISTERED CIVIL ENGINEER DATE

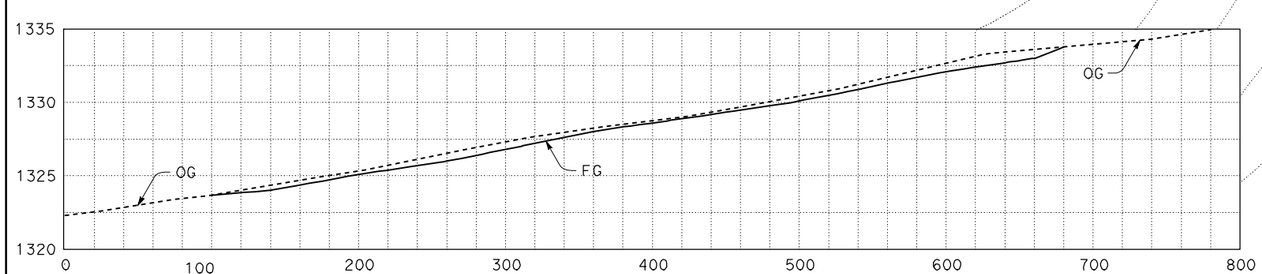
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER No. Exp. CIVIL STATE OF CALIFORNIA

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







TYPICAL SECTIONS

SCALE: 1"= 50' H
1"= 5' V

WATSON PARCEL
WETLAND ESTABLISHMENT
GROUP 2 - (0.3 CREDIT)

CONTOUR GRADING

SCALE: 1"=50'

G-14

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® **03-DESIGN EAST**

FUNCTIONAL SUPERVISOR: DOUGLAS S. JONES

CALCULATED-DESIGNED BY: MITCH ANDRUS
CHECKED BY: VINCENT MITCHELL

REVISED BY
DATE REVISED

LAST REVISION 09-24-11
DATE PLOTTED => 03-JAN-2012
TIME PLOTTED => 12:18

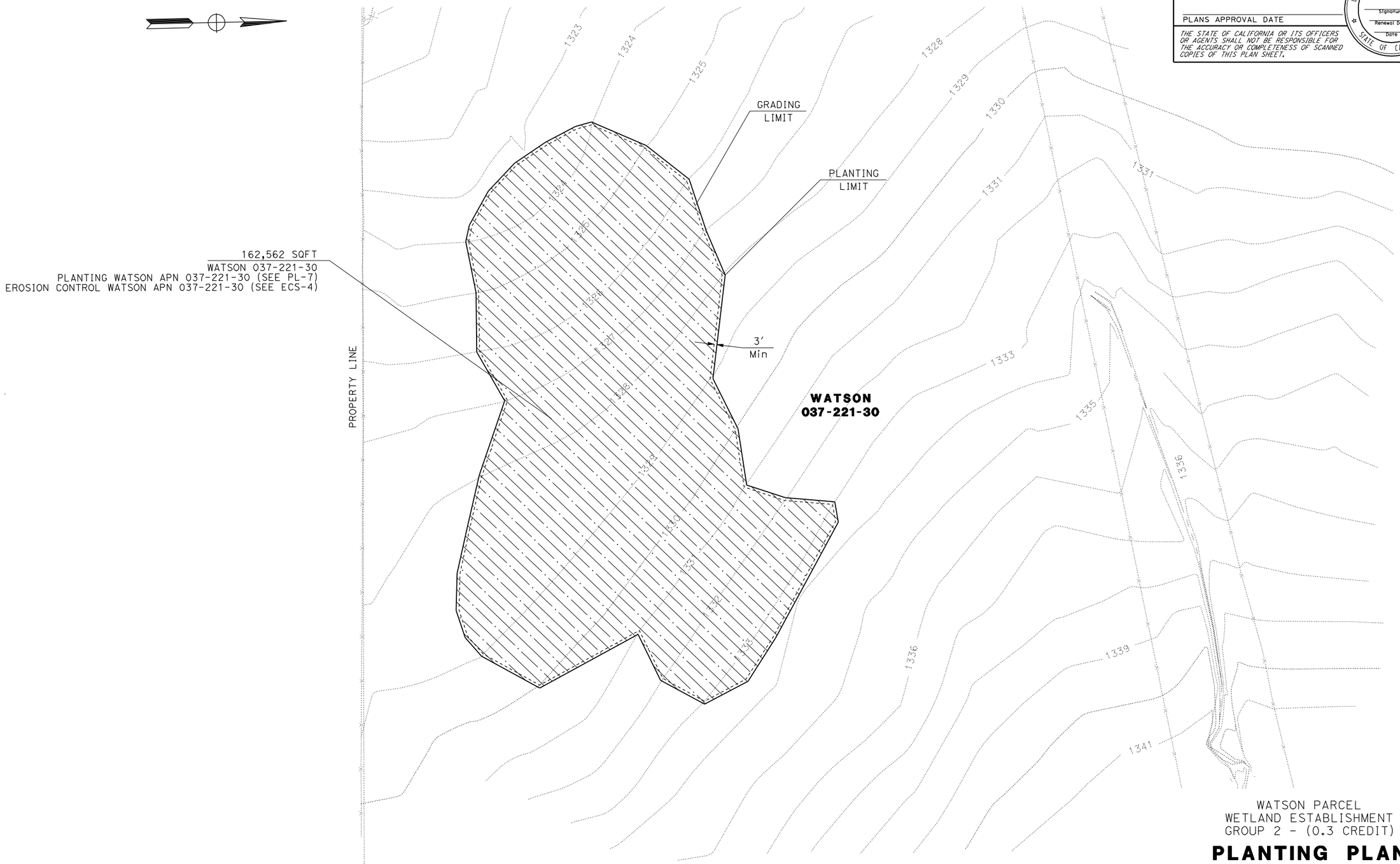
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	101			

LICENSED LANDSCAPE ARCHITECT

PLANS APPROVAL DATE

LICENSED LANDSCAPE ARCHITECT
Signature
Renewal Date
Date
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.



WATSON PARCEL
WETLAND ESTABLISHMENT
GROUP 2 - (0.3 CREDIT)

PLANTING PLAN

SCALE: 1"=50′

PP-14

REVISED BY | DATE REVISED

CALCULATED-DESIGNED BY | CHECKED BY

SENIOR LANDSCAPE ARCHITECT

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans® 03 - LANDSCAPE ARCHITECTURE

LAST REVISION 00-00-00 | DATE PLOTTED => 03-JAN-2012 | TIME PLOTTED => 12:33

NOTES:
1. THIS PLAN ACCURATE FOR GRADING ONLY.
2. SEE LAYOUT SHEETS FOR OTHER MITIGATION ACTIONS NOT SHOWN.

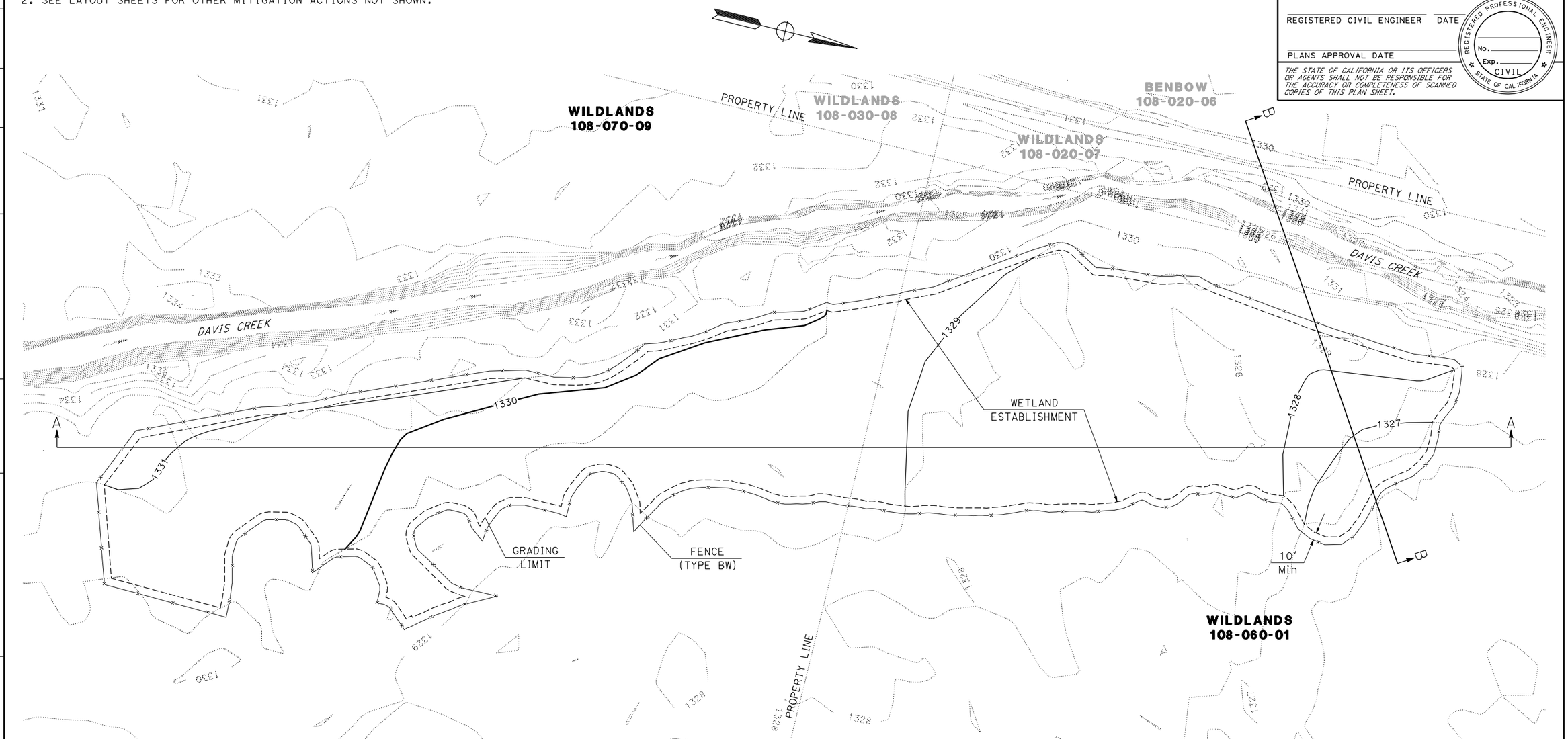
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	101	43.7/43.9		

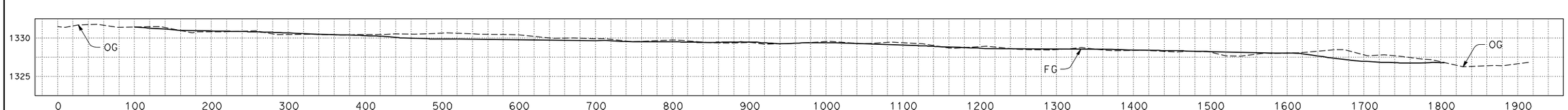
REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER No. Exp. CIVIL STATE OF CALIFORNIA

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

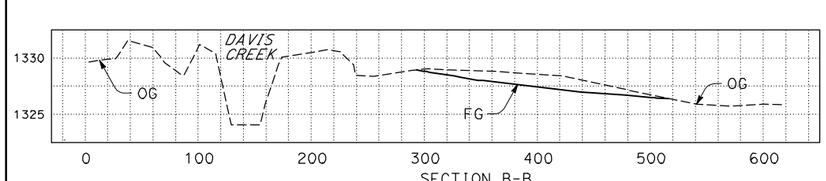




SECTION A-A

TYPICAL SECTIONS

SCALE: 1"= 50' H
1"= 5' V



SECTION B-B

WILDLANDS PARCEL
WETLAND ESTABLISHMENT
GROUP 2 (0.3 CREDIT)

CONTOUR GRADING

SCALE: 1"=65'

G-15

REVISED BY	DATE REVISED

CALCULATED-DESIGNED BY	MITCH ANDRUS
CHECKED BY	VINCENT MITCHELL

FUNCTIONAL SUPERVISOR: DOUGLAS S. JONES

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® **03-DESIGN EAST**

LAST REVISION 09-24-11 | DATE PLOTTED => 03-JAN-2012 | TIME PLOTTED => 12:18

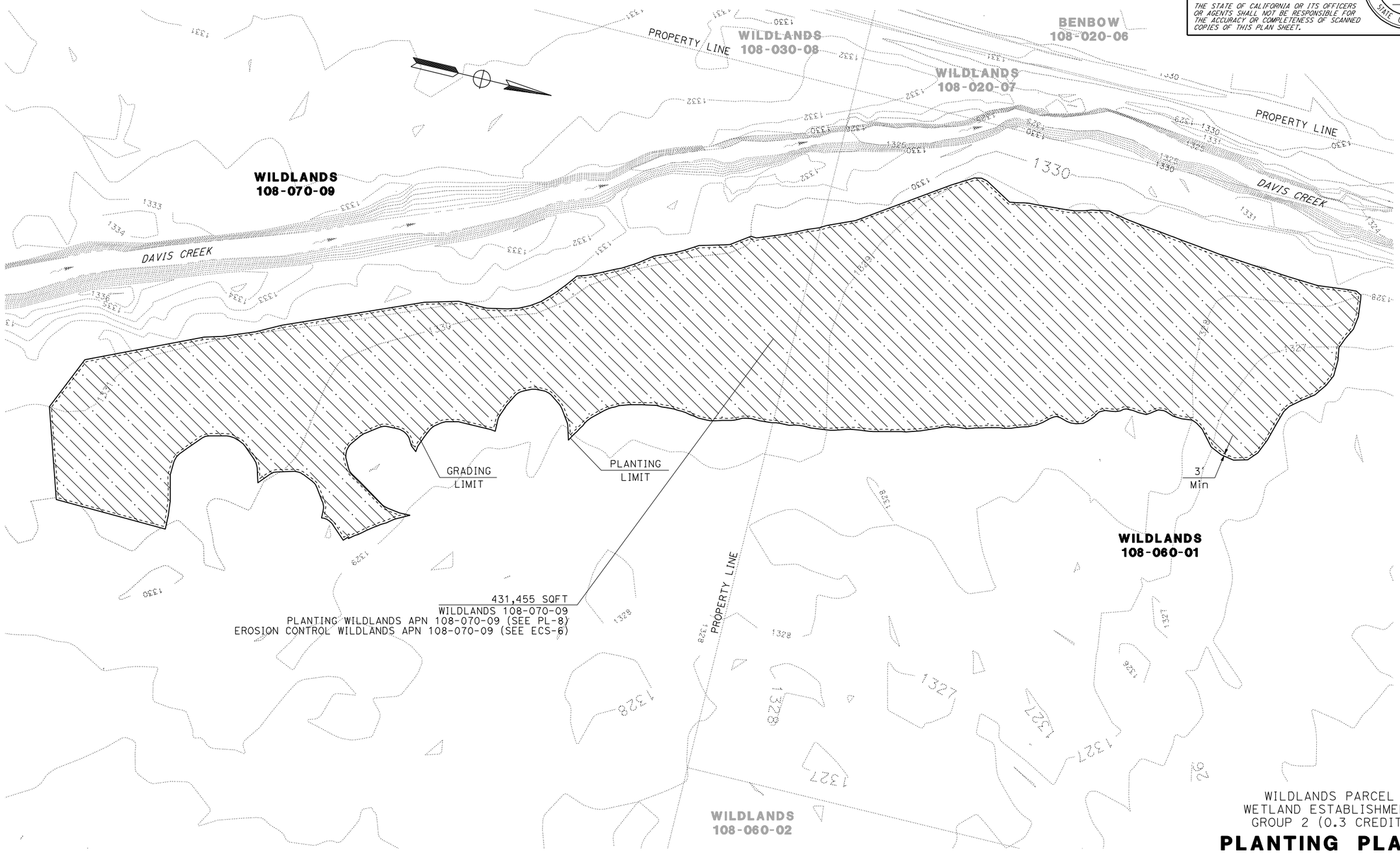
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	101			

LICENSED LANDSCAPE ARCHITECT

PLANS APPROVAL DATE

LICENSED LANDSCAPE ARCHITECT — Signature — Renewal Date — Date — 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.



WILDLANDS PARCEL
WETLAND ESTABLISHMENT
GROUP 2 (0.3 CREDIT)

PLANTING PLAN

SCALE: 1"=65'

PP-15

REVISED BY | DATE REVISED

CALCULATED-DESIGNED BY | CHECKED BY

SENIOR LANDSCAPE ARCHITECT

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans® 03 - LANDSCAPE ARCHITECTURE

LAST REVISION 00-00-00 | DATE PLOTTED => 03-JAN-2012 | TIME PLOTTED => 12:33

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	101	43.7/43.9		

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER No. Exp. CIVIL STATE OF CALIFORNIA

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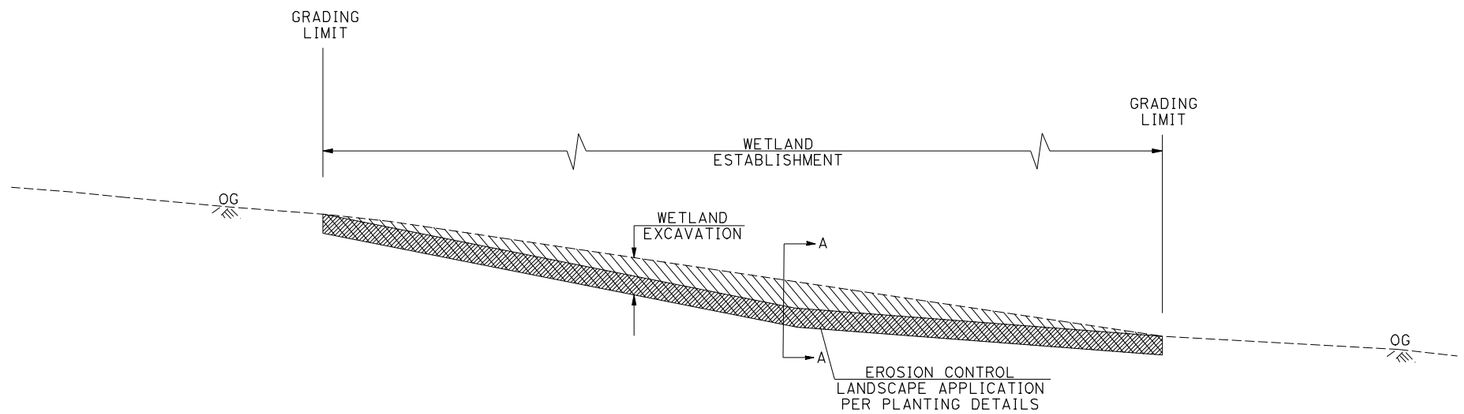
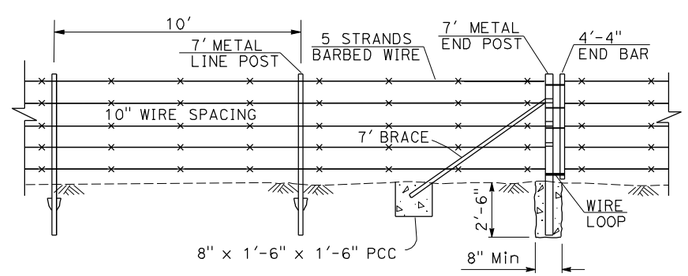
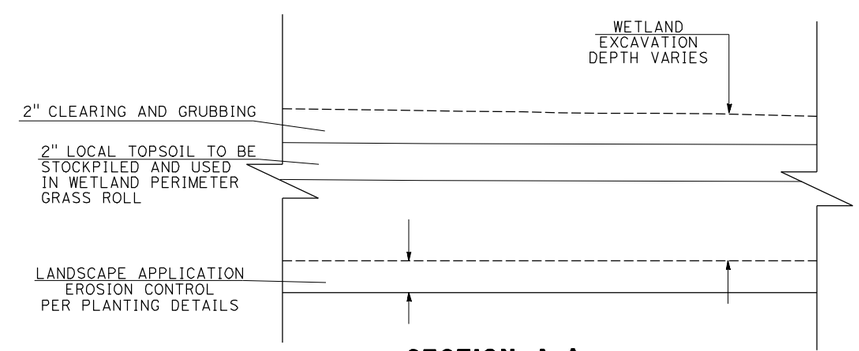


TYPICAL SECTION
WETLAND ESTABLISHMENT



FENCE (TYPE BW)



SECTION A-A

GRADING DETAILS
WETLAND ESTABLISHMENT

CONTOUR GRADING DETAILS

NOT TO SCALE

GD-1

REVISED BY	DATE REVISED
MITCH ANDRUS	VINCENT MITCHELL
CALCULATED-DESIGNED BY	CHECKED BY
FUNCTIONAL SUPERVISOR	DOUGLAS S. JONES

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® 03-DESIGN EAST

LAST REVISION 09-24-11 | DATE PLOTTED => 03-JAN-2012 | TIME PLOTTED => 12:18

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	101	43.7/43.9		

REGISTERED CIVIL ENGINEER DATE

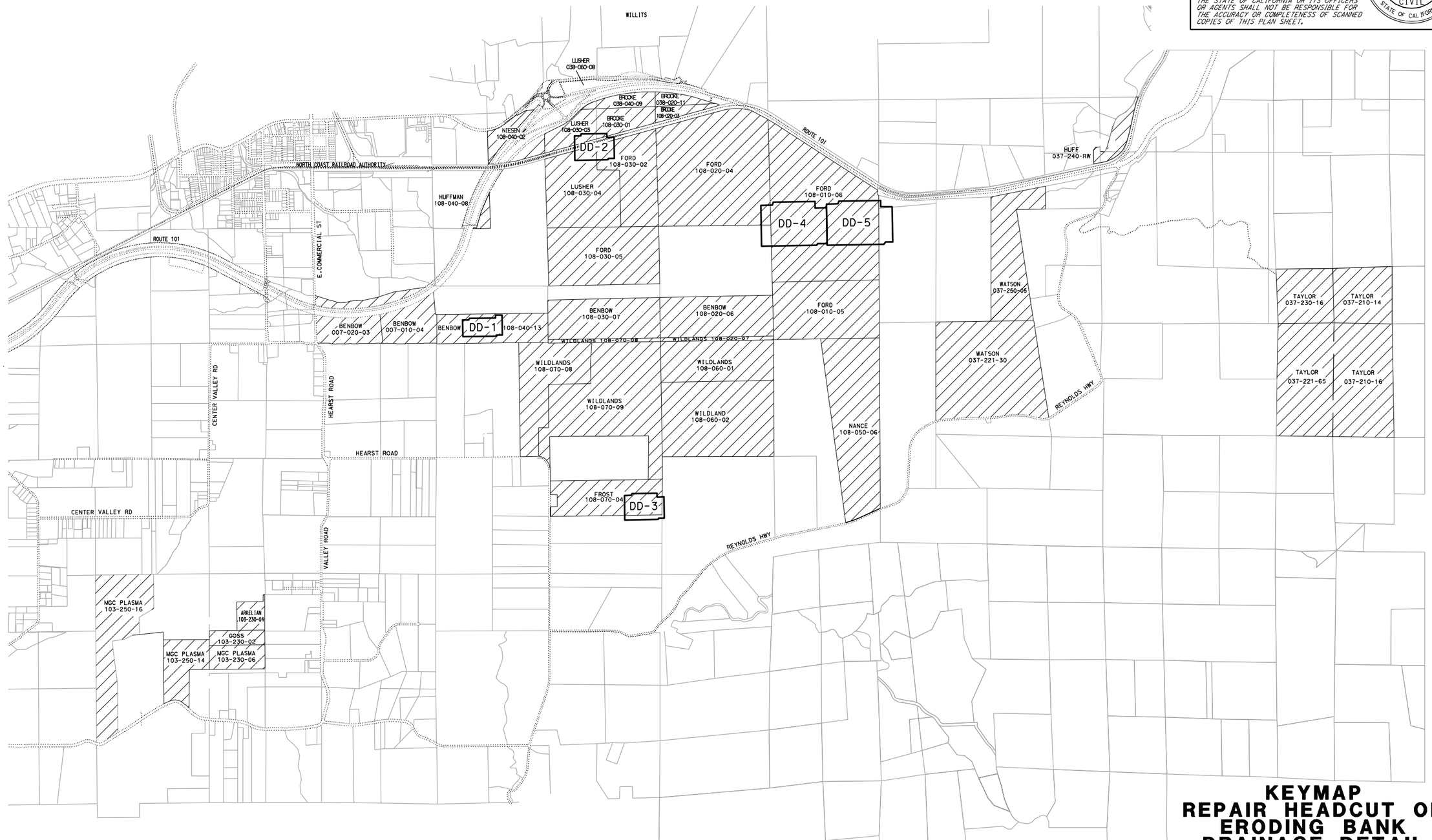
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER No. Exp. CIVIL STATE OF CALIFORNIA

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

NOTES:

1. FOR COMPLETE PROPERTY BOUNDARY DATA, SEE R/W RECORD MAPS AT DISTRICT OFFICE.
2. COORDINATE VALUES SHOWN ARE CCS83 ZONE 2. MULTIPLY BY 0.99995 TO OBTAIN GROUND DISTANCES.
3. LOCATION TO BE DETERMINED BY ENGINEER.



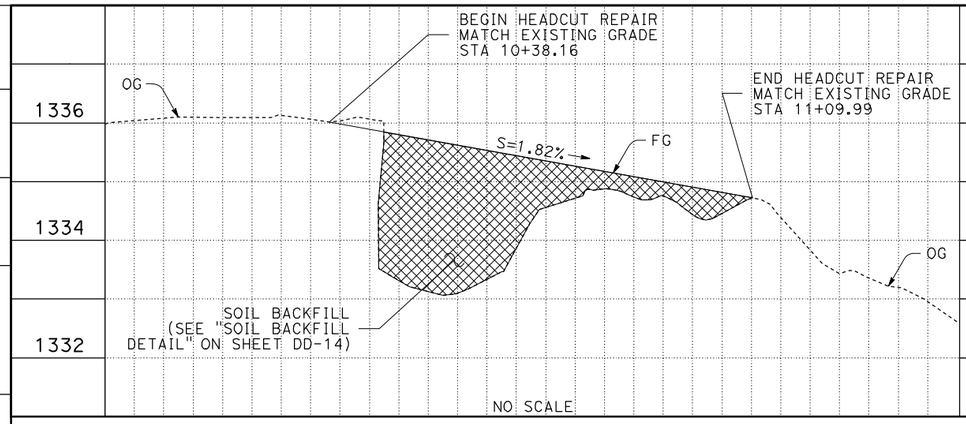
KEYMAP
REPAIR HEADCUT OR ERODING BANK DRAINAGE DETAIL

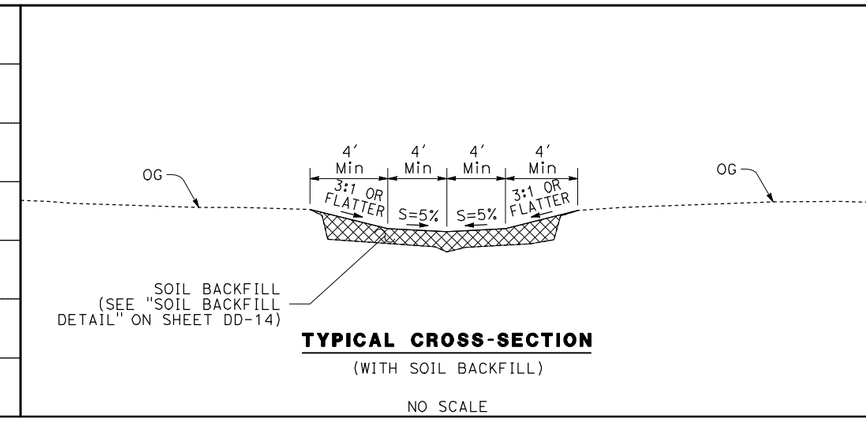
NO SCALE

K-4

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	
Caltrans® 03-DESIGN EAST	
FUNCTIONAL SUPERVISOR	DOUGLAS S. JONES
CALCULATED-DESIGNED BY	KAO THAO
CHECKED BY	SCOTT FOSTER
REVISED BY	
DATE REVISED	

LAST REVISION 09-24-11 DATE PLOTTED => 03-JAN-2012 TIME PLOTTED => 07:25





TYPICAL CROSS-SECTION
(WITH SOIL BACKFILL)

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	101	43.7/43.9		

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER No. Exp. CIVIL STATE OF CALIFORNIA

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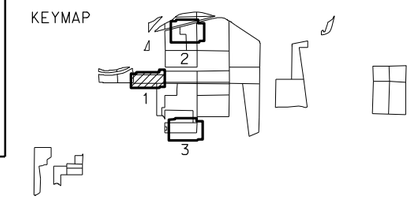
KEYMAP



NOTES:
1. SEE LAYOUT SHEET L-6 FOR DETAILS NOT SHOWN.
2. SEE DRAINAGE DETAIL SHEET DD-14 FOR DETAILS NOT SHOWN.

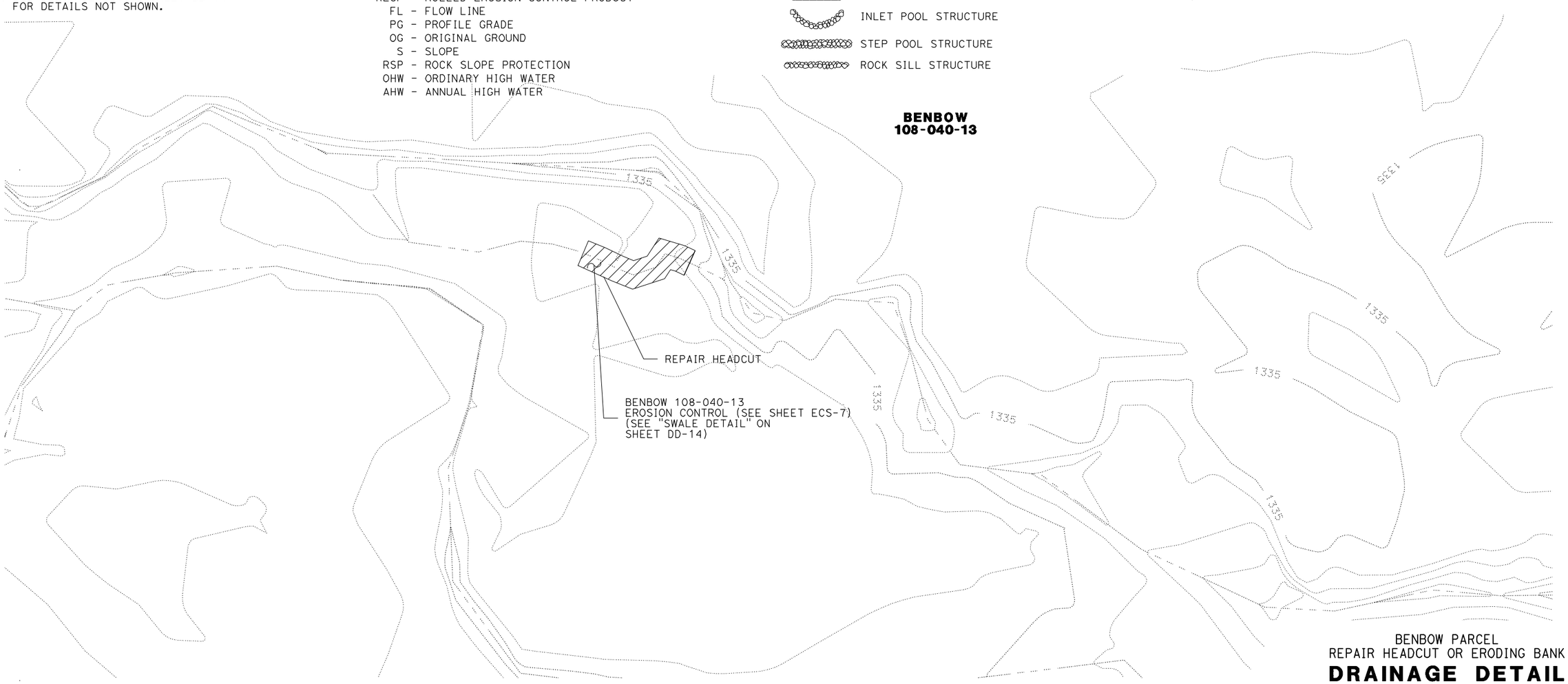
ABBREVIATIONS

EC(BFM) - EROSION CONTROL (BONDED FIBER MATIX)
RECP - ROLLED EROSION CONTROL PRODUCT
FL - FLOW LINE
PG - PROFILE GRADE
OG - ORIGINAL GROUND
S - SLOPE
RSP - ROCK SLOPE PROTECTION
OHW - ORDINARY HIGH WATER
AHW - ANNUAL HIGH WATER

LEGEND

SOIL BACKFILL
INLET POOL STRUCTURE
STEP POOL STRUCTURE
ROCK SILL STRUCTURE

BENBOW
108-040-13



BENBOW PARCEL
REPAIR HEADCUT OR ERODING BANK

DRAINAGE DETAIL

SCALE: 1"=30′

DD-1

THIS PLAN ACCURATE FOR DRAINAGE WORK ONLY.

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
03-DESIGN EAST

FUNCTIONAL SUPERVISOR: DOUGLAS S. JONES
CALCULATED-DESIGNED BY: SCOTT FOSTER
CHECKED BY: KAO THAO
REVISED BY
DATE REVISED

LAST REVISION 10-02-11
DATE PLOTTED => 03-JAN-2012
TIME PLOTTED => 07:25

NOTES:
1. SEE LAYOUT SHEETS L-7, L-8, & L-9 FOR DETAILS NOT SHOWN.
2. SEE DRAINAGE DETAIL SHEETS DD-14, & DD-15 FOR DETAILS NOT SHOWN.

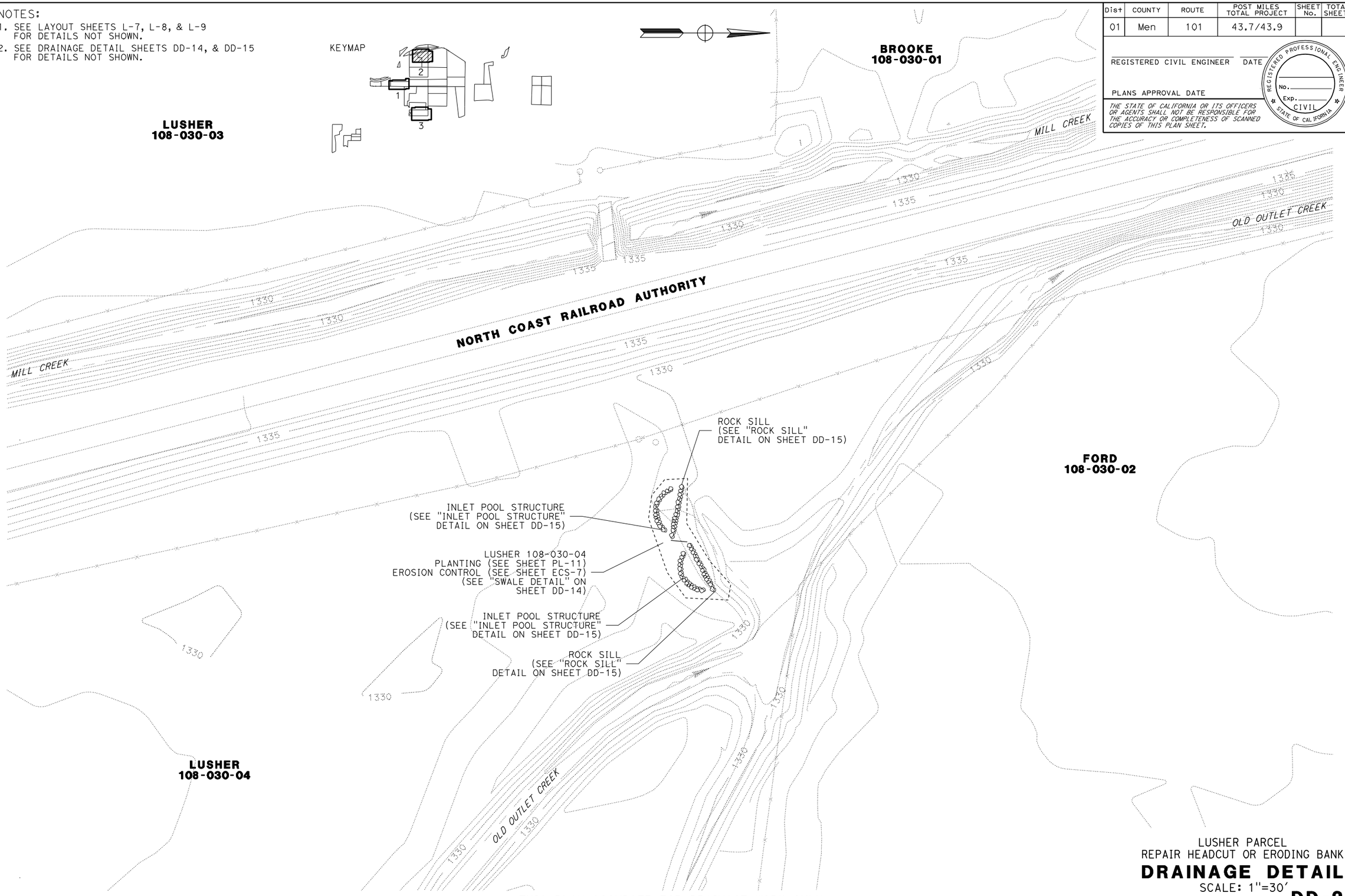
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	101	43.7/43.9		

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER No. Exp. CIVIL STATE OF CALIFORNIA

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



THIS PLAN ACCURATE FOR DRAINAGE WORK ONLY.

LUSHER PARCEL
REPAIR HEADCUT OR ERODING BANK

DRAINAGE DETAIL

SCALE: 1"=30'

DD-2

REVISED BY	DATE REVISED
SCOTT FOSTER	KAO THAO
CALCULATED-DESIGNED BY	CHECKED BY
FUNCTIONAL SUPERVISOR	DOUGLAS S. JONES

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® 03-DESIGN EAST

LAST REVISION 10-02-11 | DATE PLOTTED => 03-JAN-2012 | TIME PLOTTED => 07:25

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	101	43.7/43.9		

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER No. Exp. CIVIL STATE OF CALIFORNIA

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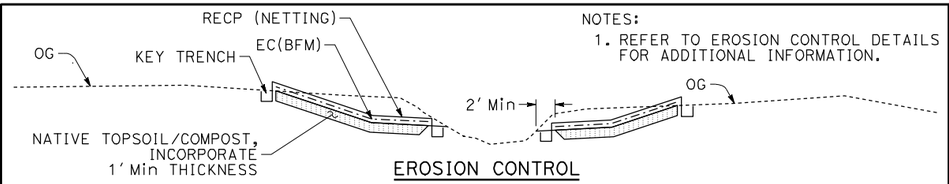
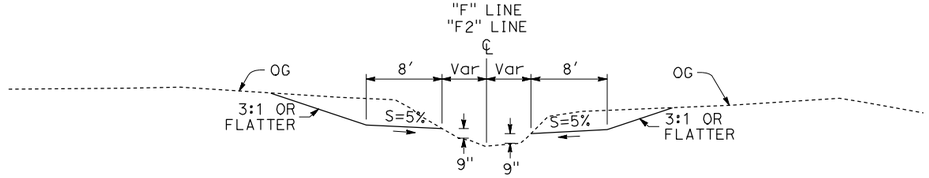


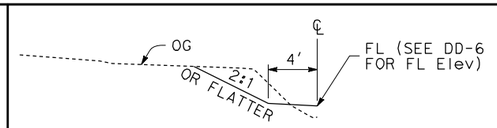
NOTES:
1. REFER TO EROSION CONTROL DETAILS FOR ADDITIONAL INFORMATION.

EROSION CONTROL



"F2"10+60.56 TO "F2"12+44.62 "F2"11+17.20 TO "F2"12+31.27
"F"10+57.03 TO "F"16+48.46

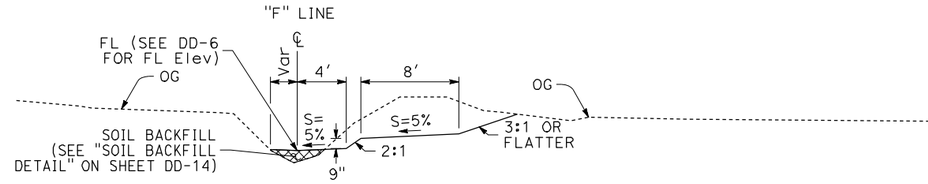
TYPICAL CROSS SECTION
(WITHOUT SOIL BACKFILL)
NO SCALE



"F"18+25.00 TO "F"19+14.95

BANK GRADING DETAIL
NO SCALE

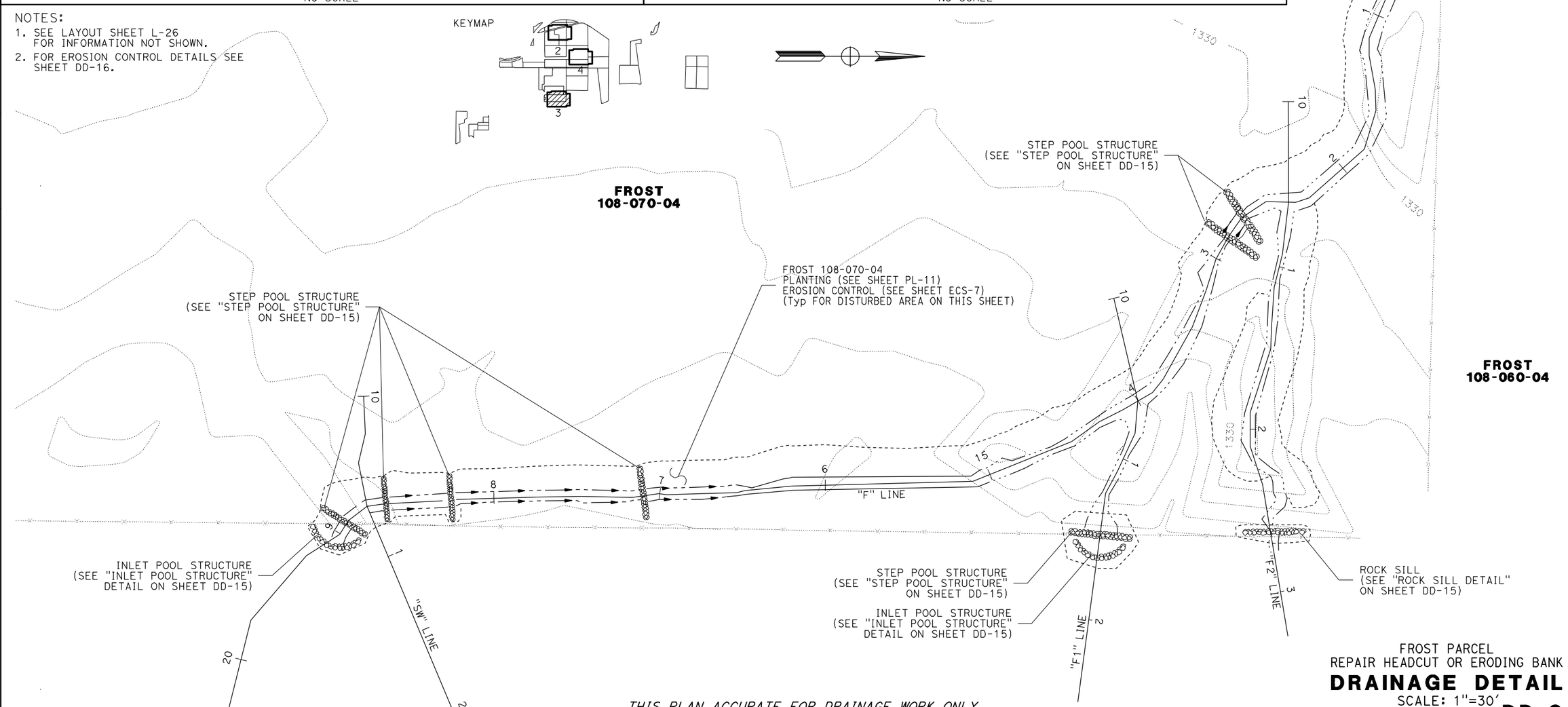
NOTES:
1. REFER TO "SWALE DETAIL" ON SHEET DD-14 FOR ADDITIONAL INFORMATION.



"F"16+48.46 TO "F"18+25.00 "F"16+48.46 TO "F"19+14.95

TYPICAL CROSS SECTION
(WITH SOIL BACKFILL)
NO SCALE

NOTES:
1. SEE LAYOUT SHEET L-26 FOR INFORMATION NOT SHOWN.
2. FOR EROSION CONTROL DETAILS SEE SHEET DD-16.



THIS PLAN ACCURATE FOR DRAINAGE WORK ONLY.

FROST PARCEL
REPAIR HEADCUT OR ERODING BANK

DRAINAGE DETAIL

SCALE: 1"=30'

DD-3

REVISED BY	DATE REVISED
SCOTT FOSTER	KAO THAO
CALCULATED-DESIGNED BY	CHECKED BY
FUNCTIONAL SUPERVISOR	DOUGLAS S. JONES

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® 03-DESIGN EAST

LAST REVISION 10-02-11 | DATE PLOTTED => 03-JAN-2012 TIME PLOTTED => 07:25

NOTES:
1. SEE LAYOUT SHEETS L-13 & L-14 FOR DETAILS NOT SHOWN.
2. SEE DRAINAGE DETAIL SHEETS DD-11, & DD-12 FOR DETAILS NOT SHOWN.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	101	43.7/43.9		

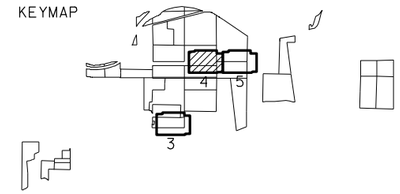
REGISTERED CIVIL ENGINEER DATE

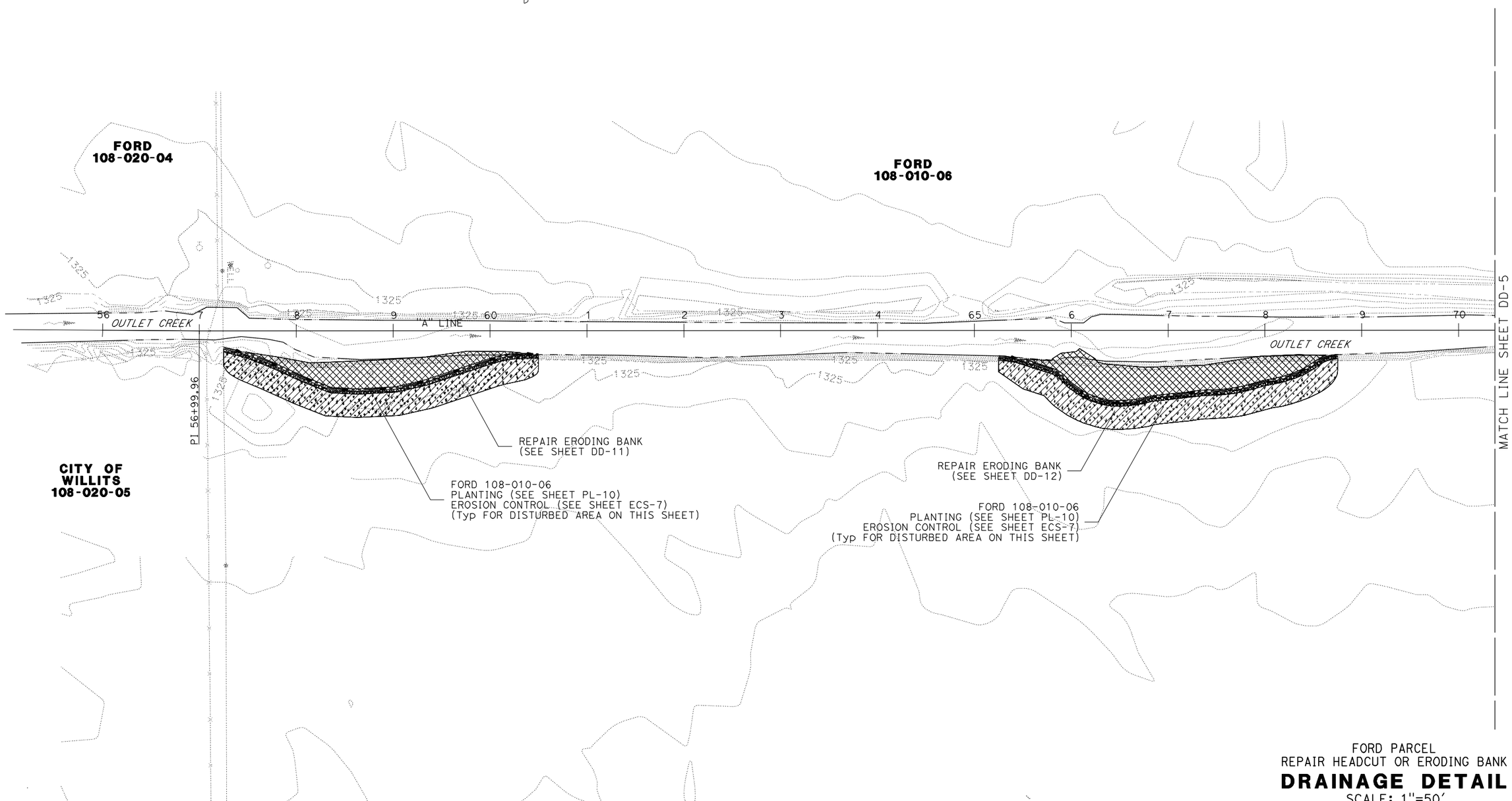
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER No. Exp. CIVIL STATE OF CALIFORNIA

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

KEYMAP





FORD PARCEL
REPAIR HEADCUT OR ERODING BANK

DRAINAGE DETAIL

SCALE: 1"=50'

DD-4

THIS PLAN ACCURATE FOR DRAINAGE WORK ONLY.

REVISED BY	
DATE REVISED	
SCOTT FOSTER	
KAO THAO	
CALCULATED-DESIGNED BY	
CHECKED BY	
FUNCTIONAL SUPERVISOR	
DOUGLAS S. JONES	

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
03-DESIGN EAST

LAST REVISION 10-02-11
DATE PLOTTED => 03-JAN-2012
TIME PLOTTED => 07:25

NOTES:
1. SEE LAYOUT SHEET L-14 FOR DETAILS NOT SHOWN.
2. SEE DRAINAGE DETAIL SHEETS DD-13 FOR DETAILS NOT SHOWN.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	101	43.7/43.9		

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER No. Exp. CIVIL STATE OF CALIFORNIA

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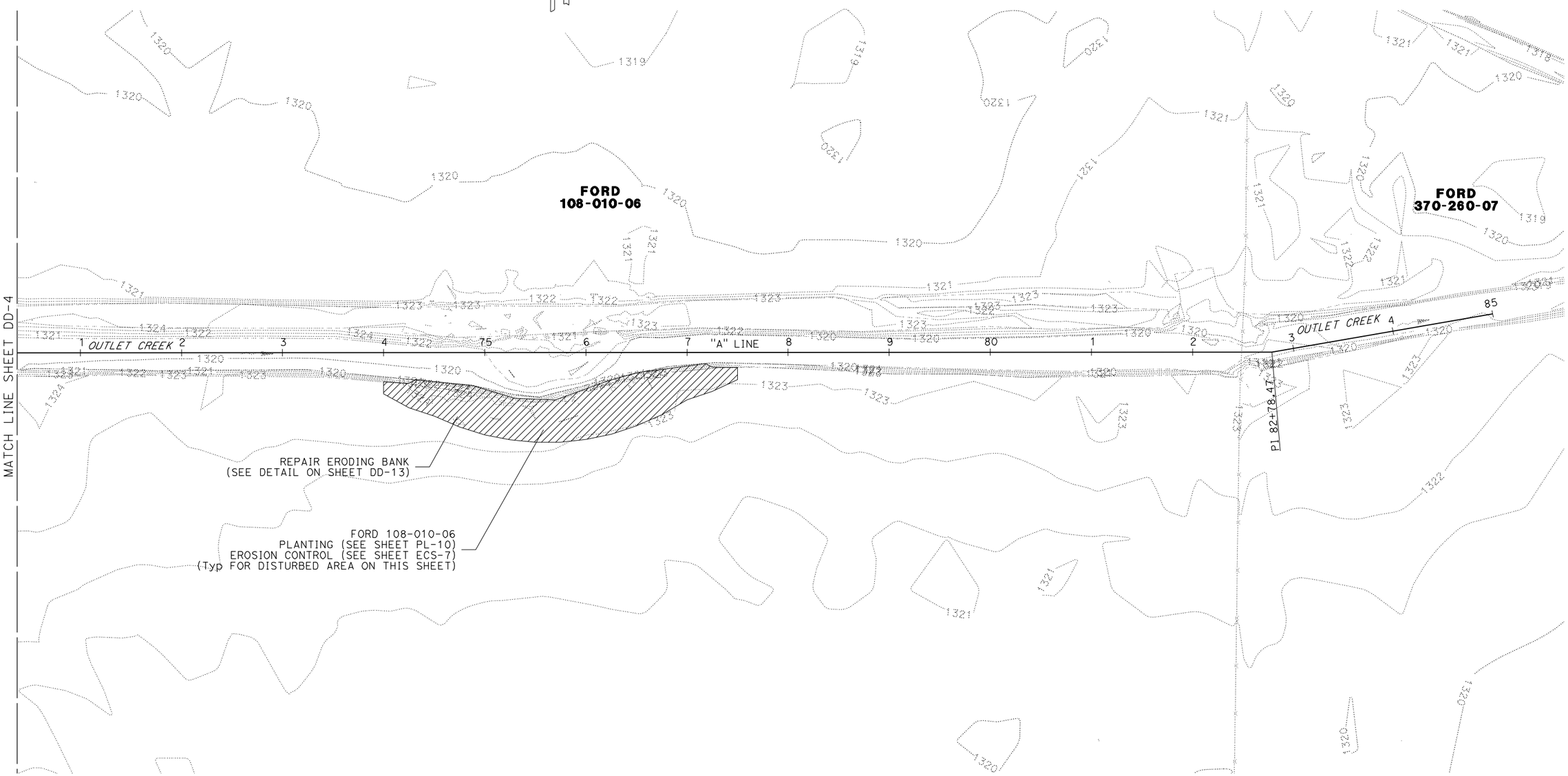
KEYMAP



FORD PARCEL
REPAIR HEADCUT OR ERODING BANK

DRAINAGE DETAIL

SCALE: 1"=50'

DD-5

THIS PLAN ACCURATE FOR DRAINAGE WORK ONLY.

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
03-DESIGN EAST

FUNCTIONAL SUPERVISOR: DOUGLAS S. JONES

CALCULATED-DESIGNED BY: SCOTT FOSTER
CHECKED BY: KAO THAO

REVISED BY / DATE REVISED

LAST REVISION 10-02-11
DATE PLOTTED => 03-JAN-2012
TIME PLOTTED => 07:25

NOTES:
1. FOR DRAINAGE PLAN VIEW SEE DD-3.
2. LOCATIONS TO BE DETERMINED BY ENGINEER.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	101	43.7/43.9		

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER No. Exp. CIVIL STATE OF CALIFORNIA

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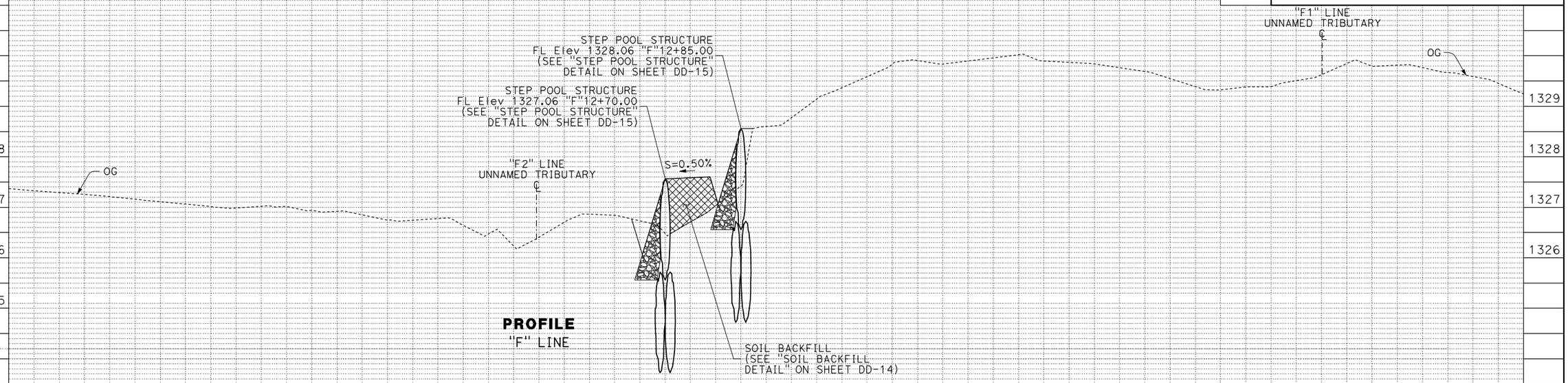
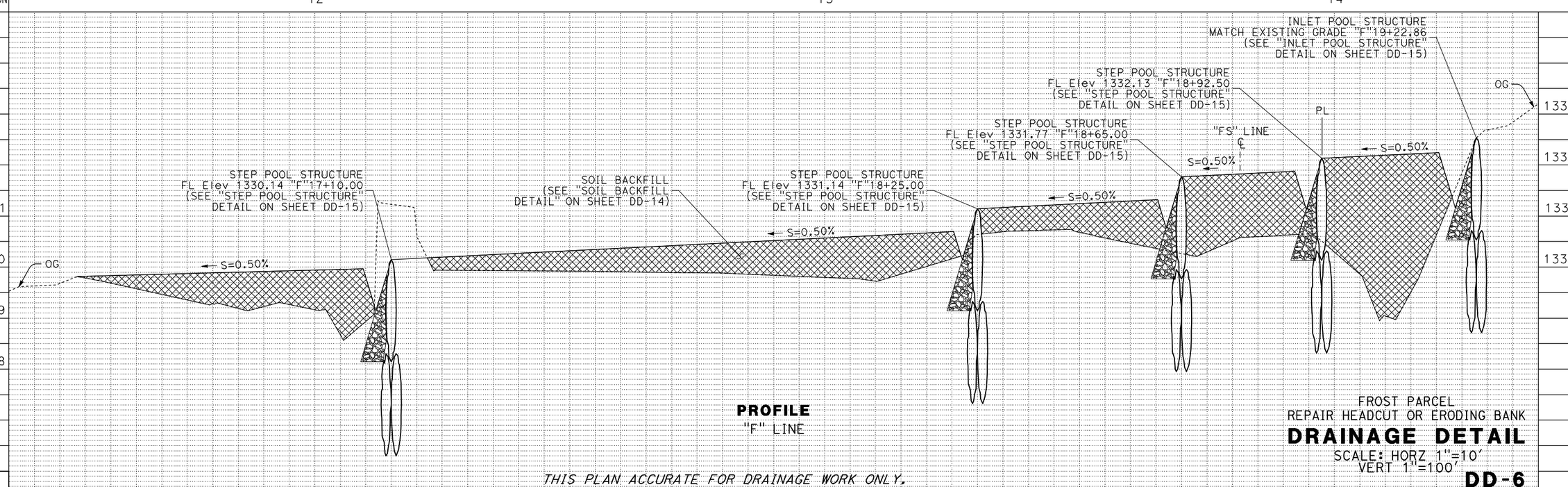


PROFILE
"F" LINE



PROFILE
"F" LINE

FROST PARCEL
REPAIR HEADCUT OR ERODING BANK

DRAINAGE DETAIL

SCALE: HORZ 1"=10'
VERT 1"=100'

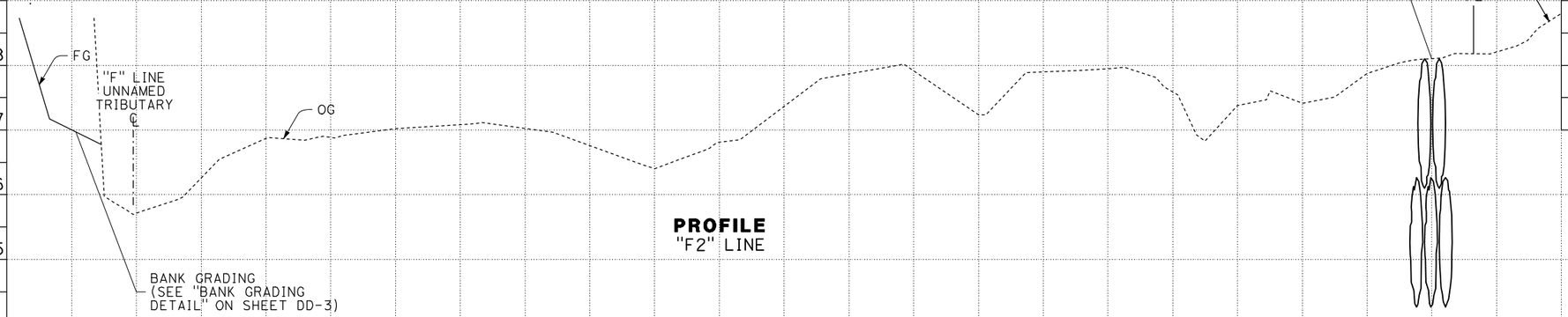
DD-6

THIS PLAN ACCURATE FOR DRAINAGE WORK ONLY.

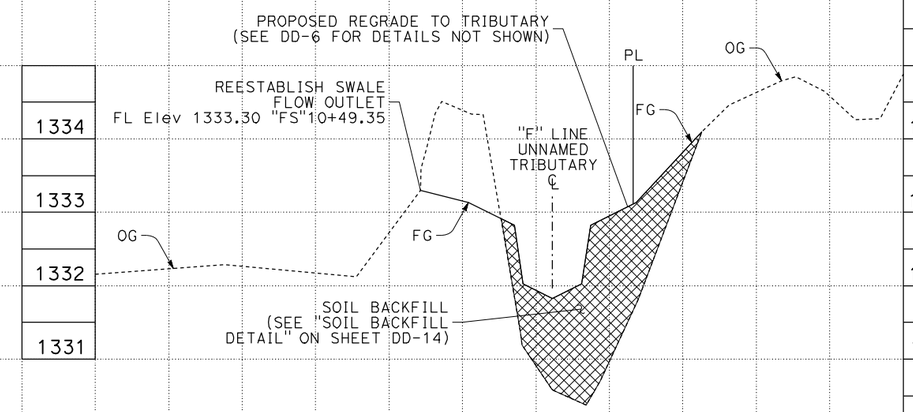
REVISED BY | DATE REVISED
SCOTT FOSTER | KAO THAO
CALCULATED-DESIGNED BY | CHECKED BY
FUNCTIONAL SUPERVISOR | DOUGLAS S. JONES
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
03-DESIGN EAST

LAST REVISION 10-02-11
DATE PLOTTED => 03-JAN-2012
TIME PLOTTED => 07:25

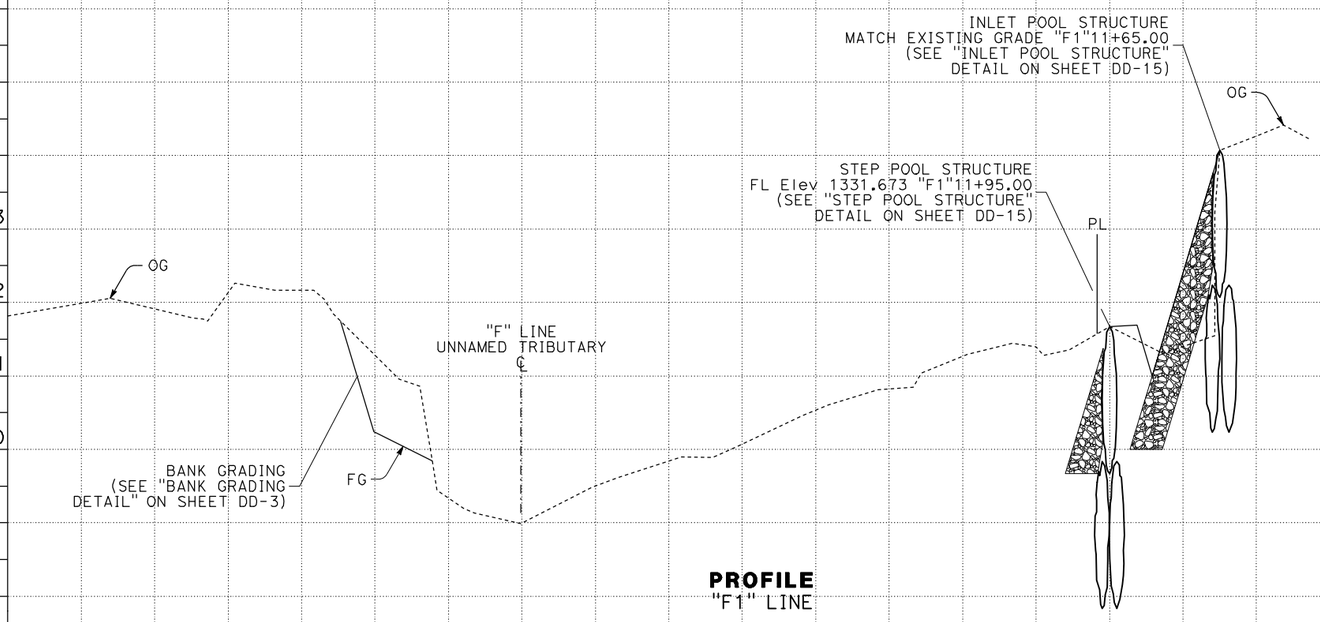
NOTES:
1. FOR DRAINAGE PLAN VIEW SEE DD-3.
2. LOCATION TO BE DETERMINED BY ENGINEER.



PROFILE
"F2" LINE



PROFILE
SWALE LINE



PROFILE
"F1" LINE

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	101	43.7/43.9		

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER No. Exp. CIVIL STATE OF CALIFORNIA

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FROST PARCEL
REPAIR HEADCUT OR ERODING BANK

DRAINAGE DETAIL

SCALE: HORZ 1"=10'
VERT 1"=100'

DD-7

REVISED BY	DATE REVISED
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FUNCTIONAL SUPERVISOR	DOUGLAS S. JONES

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
03-DESIGN EAST

LAST REVISION 10-02-11
DATE PLOTTED => 03-JAN-2012
TIME PLOTTED => 07:26

NOTES:
1. FOR DRAINAGE PLAN VIEW, SEE SHEET DD-4.
2. FOR DRAINAGE DETAIL NOT SHOWN, SEE SHEET DD-11, & DD-14.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	101	43.7/43.9		

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER No. Exp. CIVIL STATE OF CALIFORNIA

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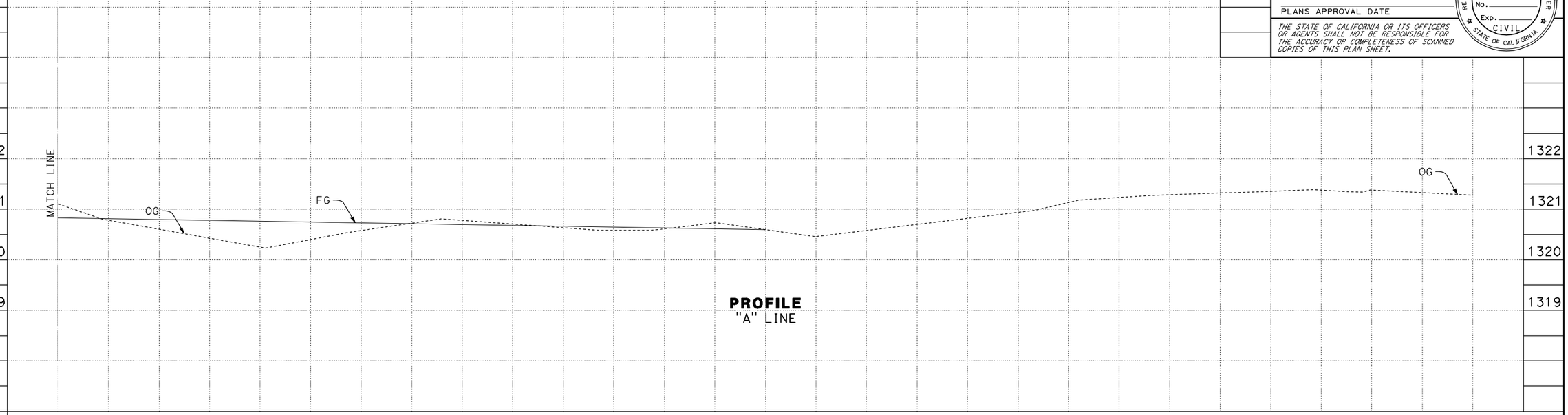

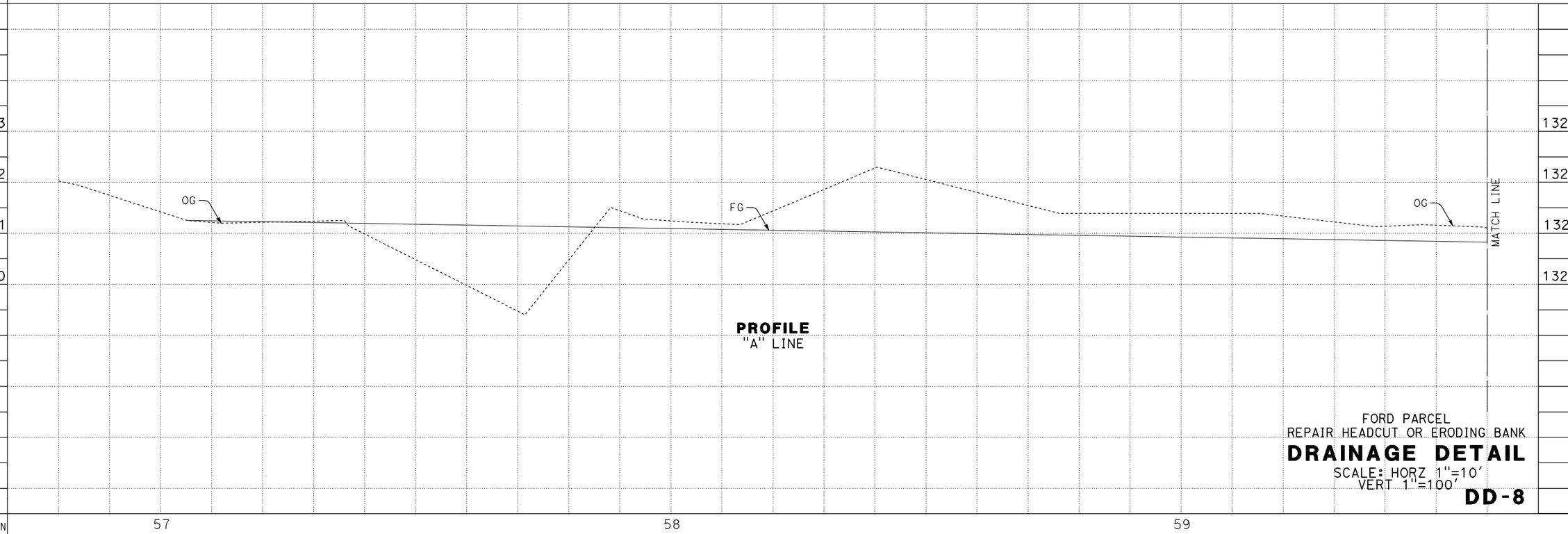

FORD PARCEL
REPAIR HEADCUT OR ERODING BANK

DRAINAGE DETAIL

SCALE: HORZ 1"=10'
VERT 1"=100'

DD-8

REVISED BY | DATE REVISED
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FUNCTIONAL SUPERVISOR
DOUGLAS S. JONES

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
03-DESIGN EAST

LAST REVISION 10-02-11 | DATE PLOTTED => 03-JAN-2012 | TIME PLOTTED => 07:26

NOTES:
1. FOR DRAINAGE PLAN VIEW, SEE SHEET DD-4.
2. FOR DRAINAGE DETAIL NOT SHOWN, SEE SHEET DD-12, & DD-14.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	101	43.7/43.9		

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER No. Exp. CIVIL STATE OF CALIFORNIA

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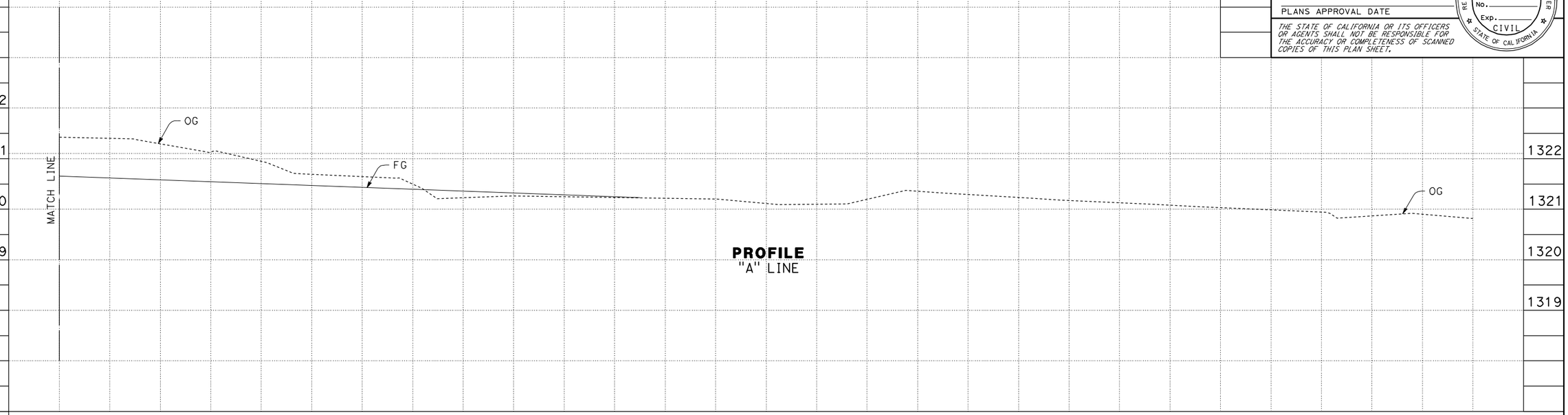

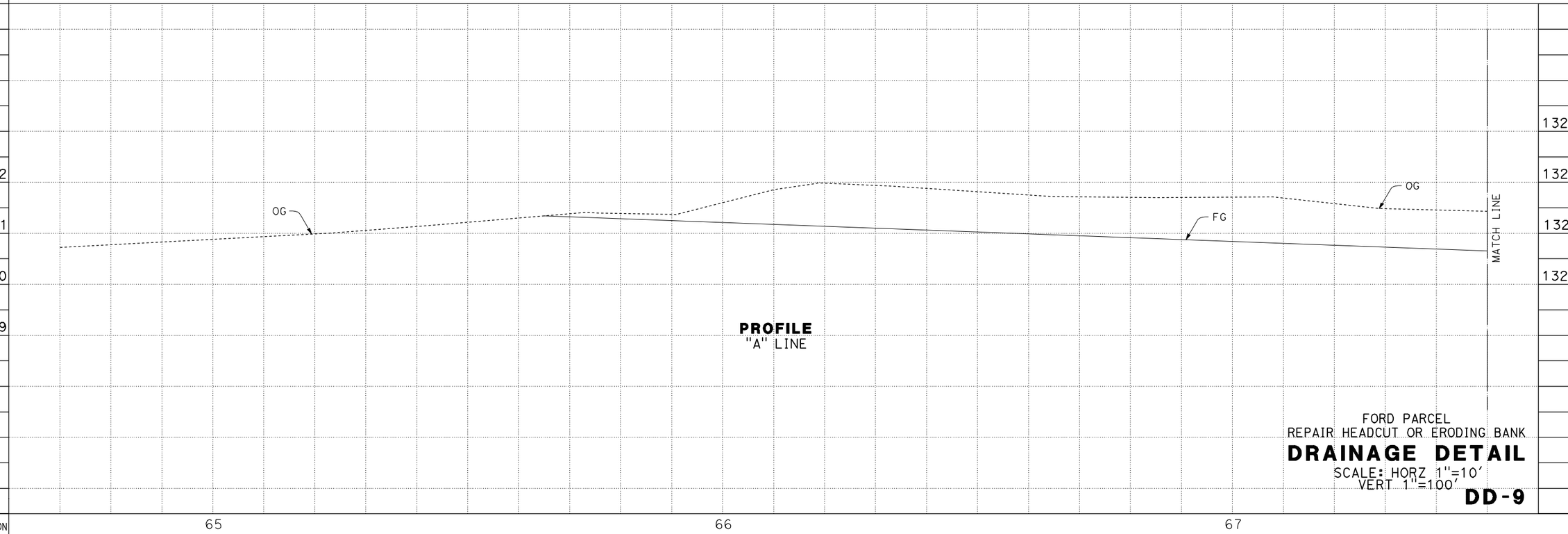

FORD PARCEL
REPAIR HEADCUT OR ERODING BANK

DRAINAGE DETAIL

SCALE: HORZ 1"=10'
VERT 1"=100'

DD-9

REVISED BY | DATE REVISED

SCOTT FOSTER | KAO THAO

CALCULATED-DESIGNED BY | CHECKED BY

FUNCTIONAL SUPERVISOR

DOUGLAS S. JONES

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans®

03-DESIGN EAST

LAST REVISION 10-02-11 | DATE PLOTTED => 03-JAN-2012 | TIME PLOTTED => 07:26

NOTES:
1. FOR DRAINAGE PLAN VIEW, SEE SHEET DD-5.
2. FOR DRAINAGE DETAIL NOT SHOWN, SEE SHEET DD-13, & DD-14.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	101	43.7/43.9		

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER No. Exp. CIVIL STATE OF CALIFORNIA

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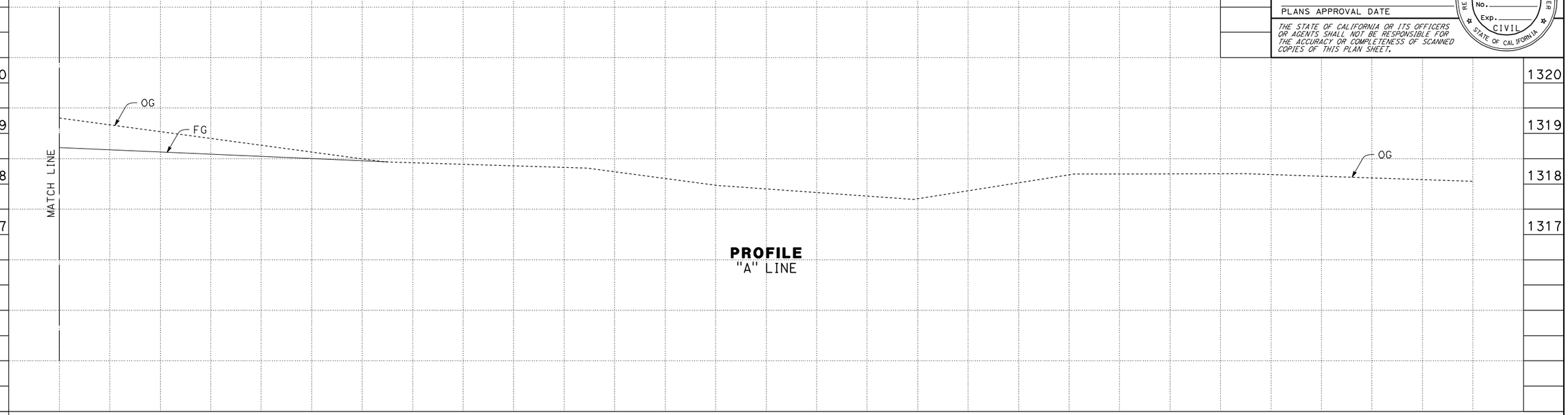
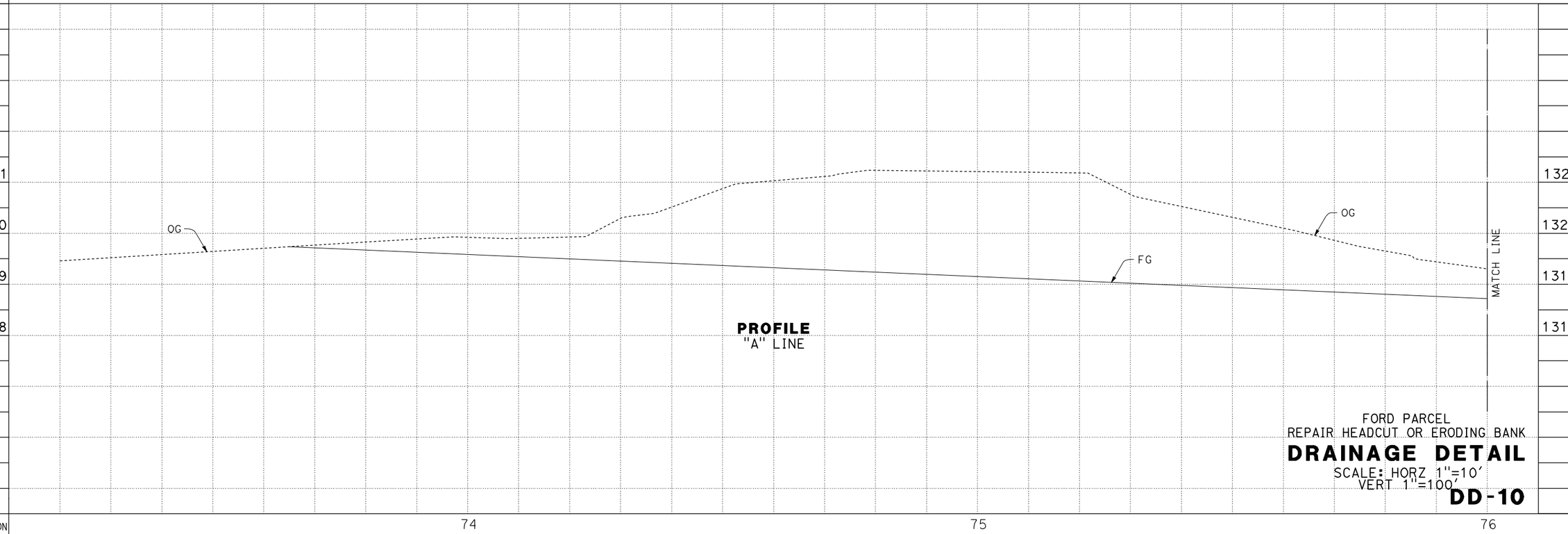


PROFILE
"A" LINE



PROFILE
"A" LINE

FORD PARCEL
REPAIR HEADCUT OR ERODING BANK

DRAINAGE DETAIL

SCALE: HORZ 1"=10'
VERT 1"=100'

DD-10

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans®
03-DESIGN EAST

FUNCTIONAL SUPERVISOR: DOUGLAS S. JONES
CALCULATED-DESIGNED BY: SCOTT FOSTER
CHECKED BY: KAO THAO
REVISED BY / DATE REVISED

LAST REVISION 10-02-11
DATE PLOTTED => 03-JAN-2012
TIME PLOTTED => 07:26

NOTES:

1. SEE LAYOUT SHEETS L-13 & L-14 FOR INFORMATION NOT SHOWN.
2. SEE DRAINAGE DETAIL SHEETS DD-16, DD-17 & DD-18 FOR DETAILS NOT SHOWN.
3. ROOT WADS ARE ORIENTED/ANGLED TO DEFLECT FLOWS IN A DEFINED FLOWLINE OR PATH.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	101	43.7/43.9		

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER No. Exp. CIVIL STATE OF CALIFORNIA

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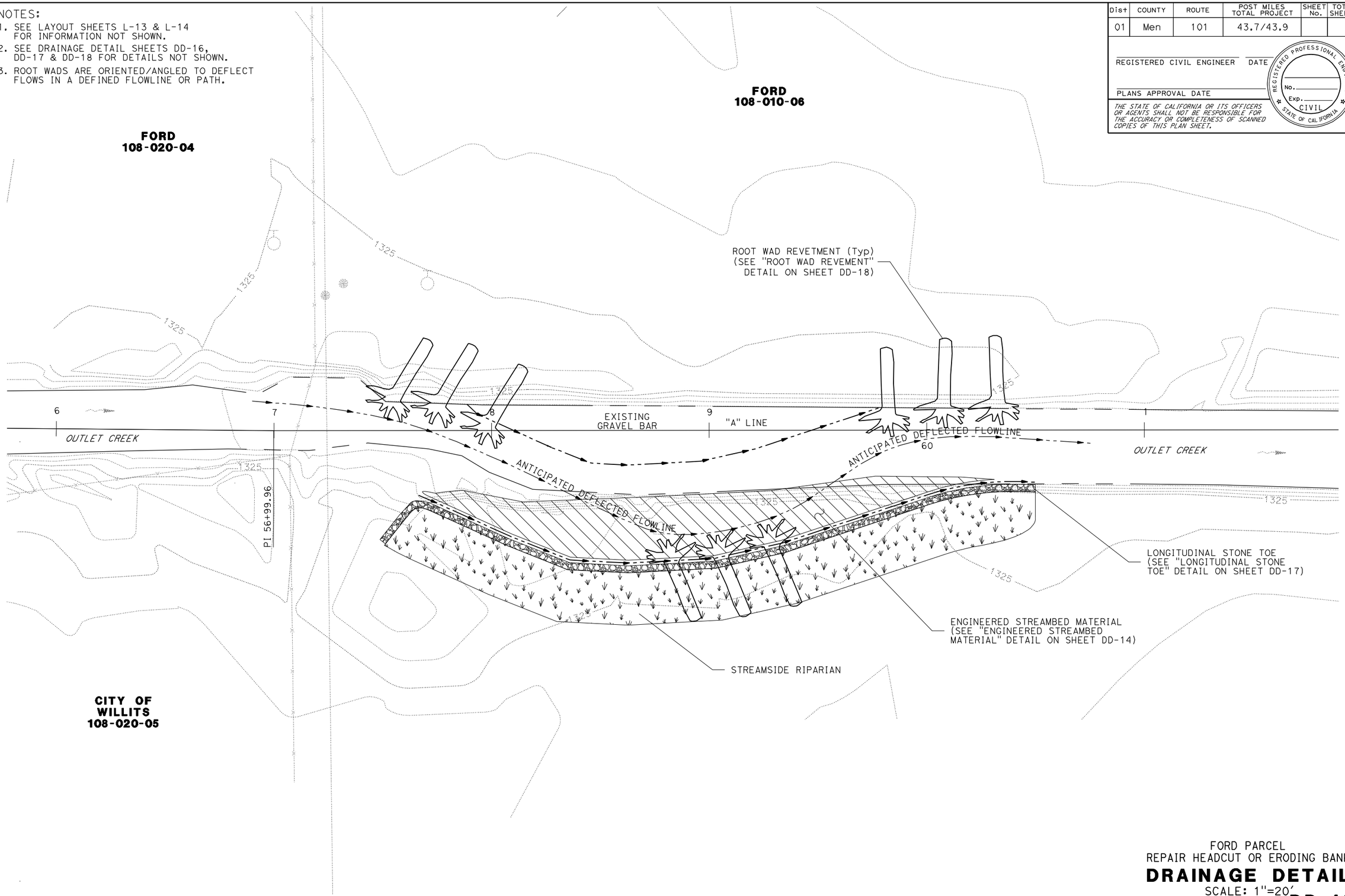

THIS PLAN ACCURATE FOR DRAINAGE WORK ONLY.

FORD PARCEL
REPAIR HEADCUT OR ERODING BANK

DRAINAGE DETAIL

SCALE: 1"=20'

DD-11

REVISED BY	DATE REVISED
SCOTT FOSTER	KAO THAO
CALCULATED-DESIGNED BY	CHECKED BY
FUNCTIONAL SUPERVISOR	DOUGLAS S. JONES

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
03-DESIGN EAST

LAST REVISION 10-02-11
DATE PLOTTED => 03-JAN-2012
TIME PLOTTED => 07:26

NOTES:
1. SEE LAYOUT SHEETS L-13 FOR INFORMATION NOT SHOWN.
2. SEE DRAINAGE DETAIL SHEETS DD-16, DD-17 & DD-18 FOR DETAILS NOT SHOWN.

FORD
108-010-06

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	101	43.7/43.9		

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER No. Exp. CIVIL STATE OF CALIFORNIA

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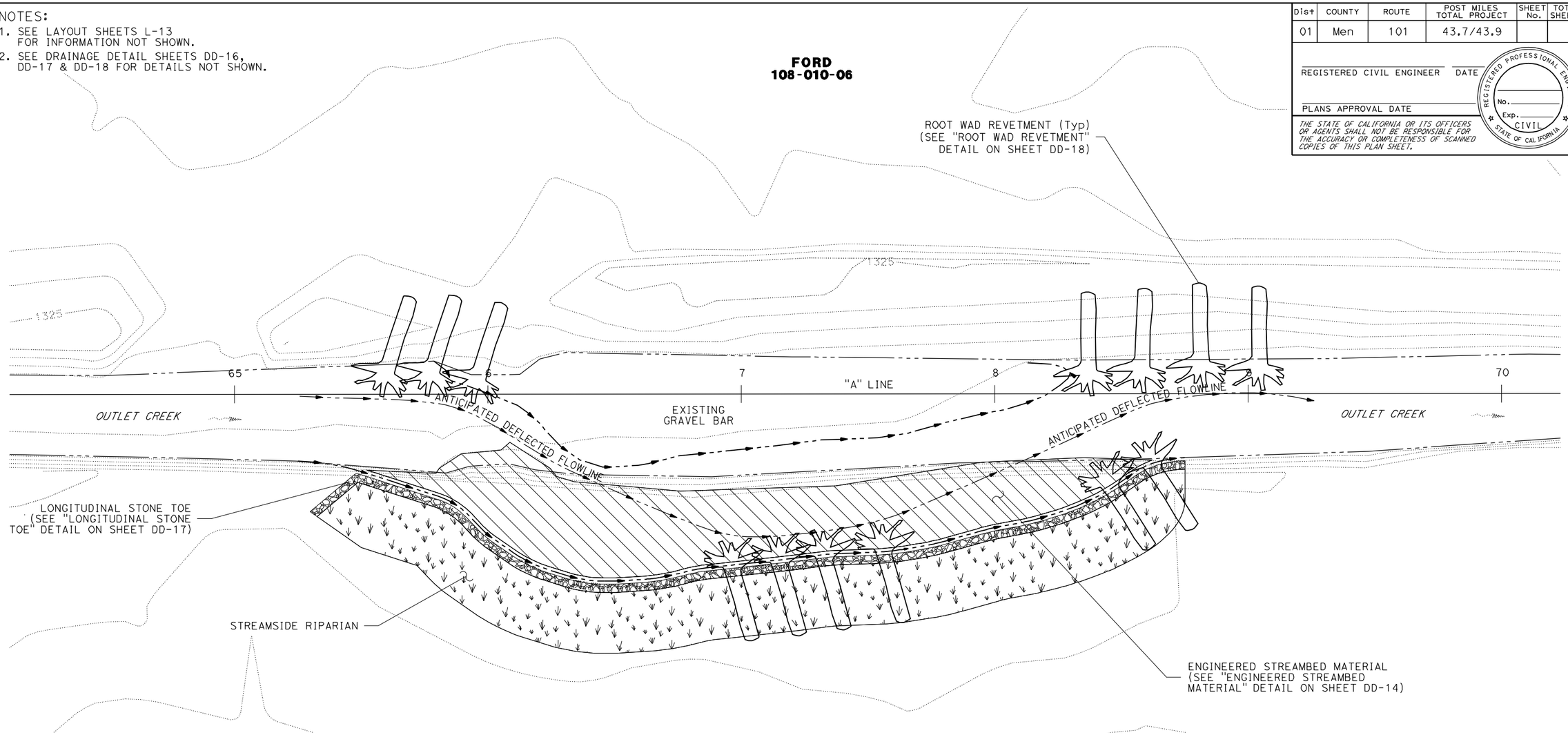

FORD PARCEL
REPAIR HEADCUT OR ERODING BANK

DRAINAGE DETAIL

SCALE: 1"=20'

DD-12

THIS PLAN ACCURATE FOR DRAINAGE WORK ONLY.

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® **03-DESIGN EAST**

FUNCTIONAL SUPERVISOR: DOUGLAS S. JONES

CALCULATED-DESIGNED BY: SCOTT FOSTER
CHECKED BY: KAO THAO

REVISED BY
DATE REVISED

LAST REVISION 10-02-11
DATE PLOTTED => 03-JAN-2012
TIME PLOTTED => 07:26

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	101	43.7/43.9		

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER No. Exp. CIVIL STATE OF CALIFORNIA

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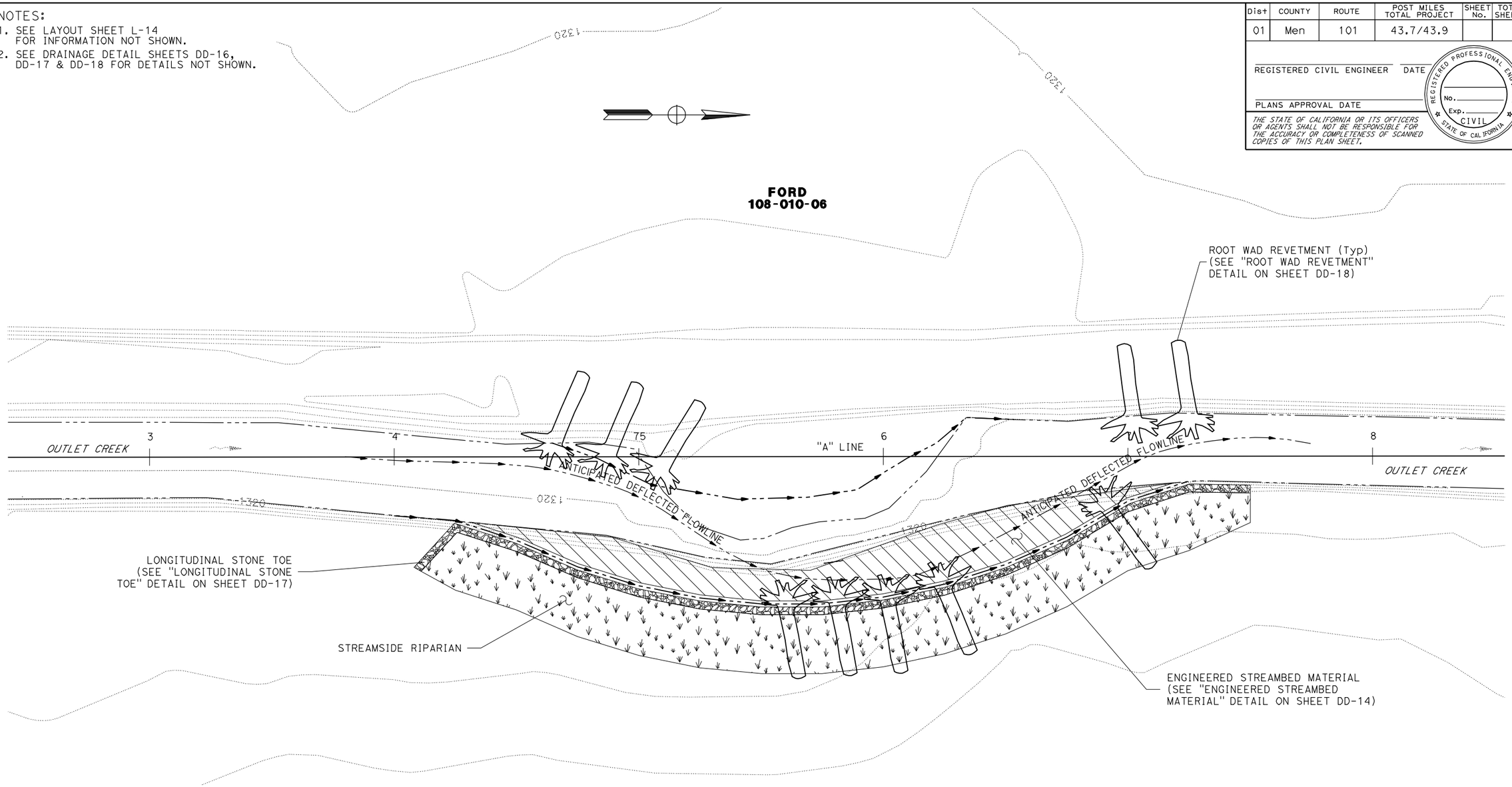
NOTES:

1. SEE LAYOUT SHEET L-14 FOR INFORMATION NOT SHOWN.
2. SEE DRAINAGE DETAIL SHEETS DD-16, DD-17 & DD-18 FOR DETAILS NOT SHOWN.



FORD PARCEL
REPAIR HEADCUT OR ERODING BANK

DRAINAGE DETAIL

SCALE: 1"=20'

DD-13

THIS PLAN ACCURATE FOR DRAINAGE WORK ONLY.

REVISED BY	DATE REVISED

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CHECKED BY: KAO THAO
FUNCTIONAL SUPERVISOR: DOUGLAS S. JONES

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
03-DESIGN EAST

LAST REVISION 10-02-11
DATE PLOTTED => 03-JAN-2012
TIME PLOTTED => 07:26

NOTES:
1. FOR PLAN VIEW SEE DD-1, DD-3 & DD-6.
2. SOIL COMPACTION FOR SOIL BACKFILL NOT TO EXCEED 85%.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	101	43.7/43.9		

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER No. Exp. CIVIL STATE OF CALIFORNIA

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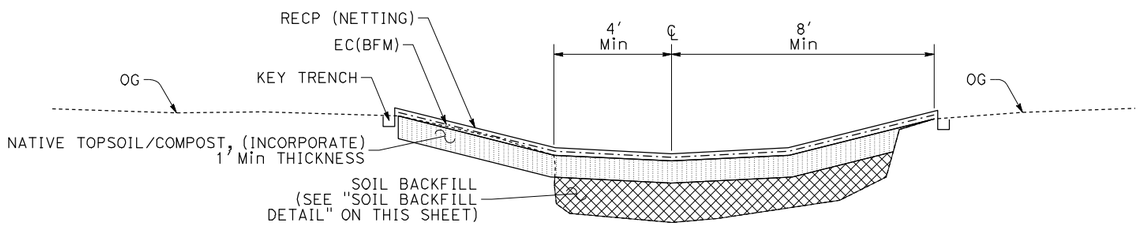
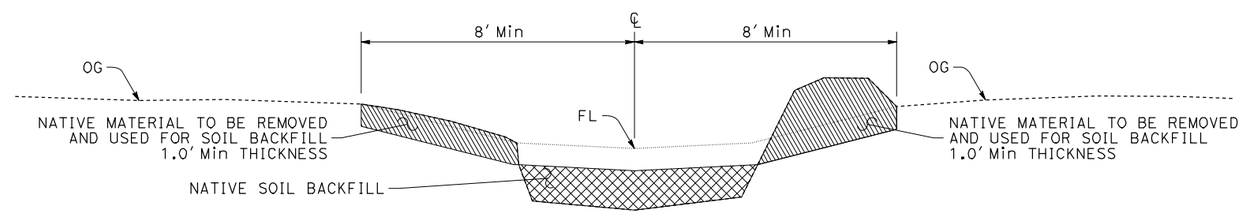


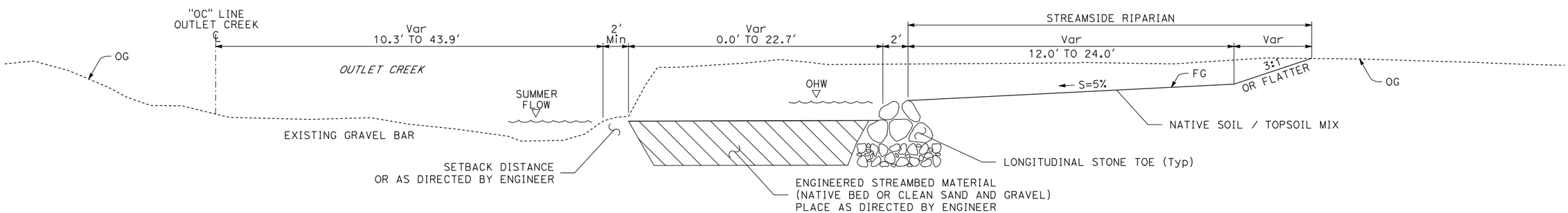
NOTES:
1. REFER TO DRAINAGE DETAILS FOR ADDITIONAL INFORMATION.

SWALE DETAIL



NOTES:
1. REFER TO DRAINAGE DETAILS FOR ADDITIONAL INFORMATION.

SOIL BACKFILL DETAIL



ENGINEERED STREAMBED MATERIAL
NO SCALE

REPAIR HEADCUT OR ERODING BANK

DRAINAGE DETAIL

NO SCALE

DD-14

REVISED BY	DATE REVISED

CALCULATED-DESIGNED BY	SCOTT FOSTER
CHECKED BY	KAO THAO
FUNCTIONAL SUPERVISOR	DOUGLAS S. JONES

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® 03-DESIGN EAST

LAST REVISION 11-30-11
DATE PLOTTED => 03-JAN-2012
TIME PLOTTED => 07:26

NOTES:
1. FOR PLAN VIEW SEE DD-2 & DD-3.
2. LOCATIONS TO BE DETERMINED BY ENGINEER.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	101	43.7/43.9		

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER No. Exp. CIVIL STATE OF CALIFORNIA

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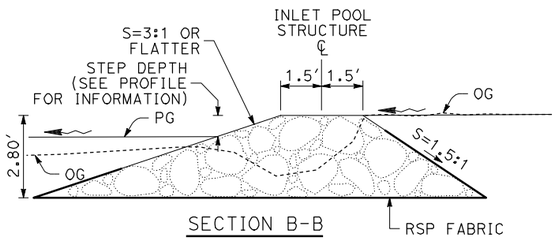
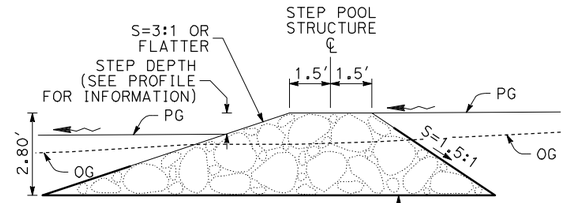
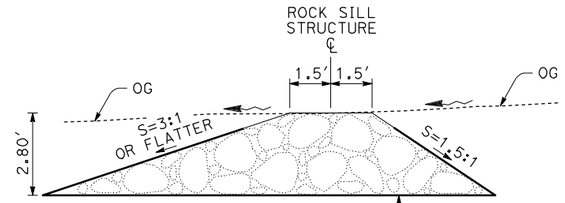


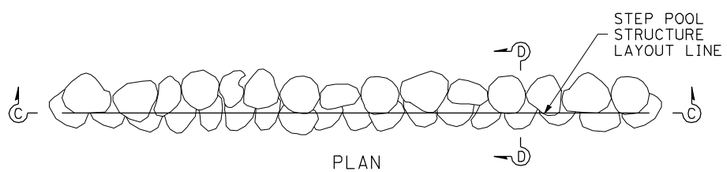
SECTION B-B



SECTION D-D

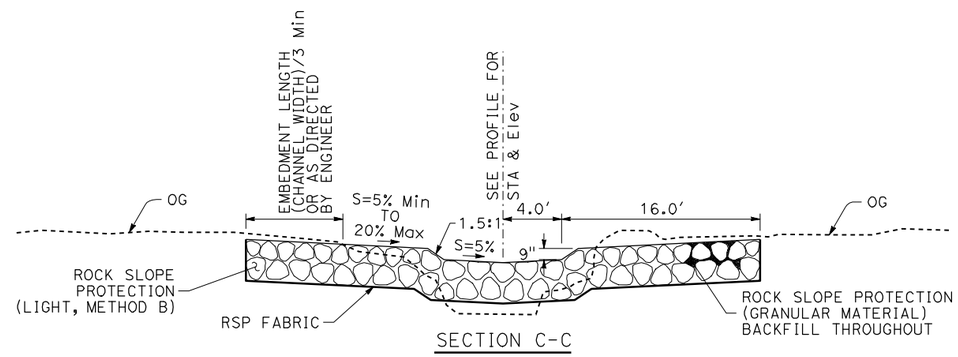


SECTION F-F

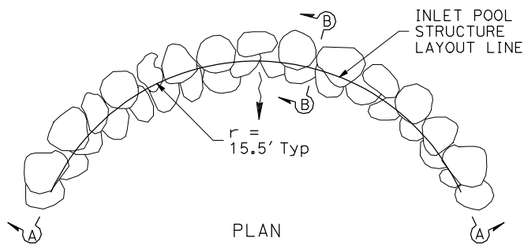


PLAN

STEP POOL STRUCTURE
NO SCALE

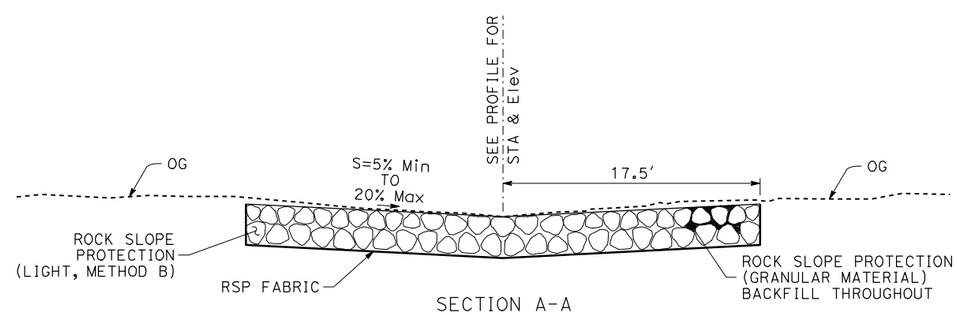


SECTION C-C

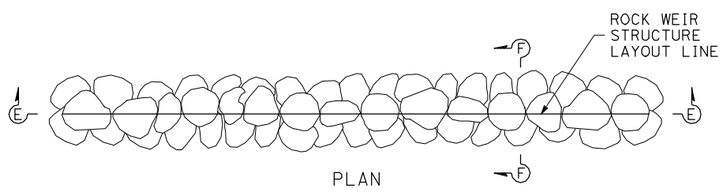


PLAN

INLET POOL STRUCTURE
NO SCALE

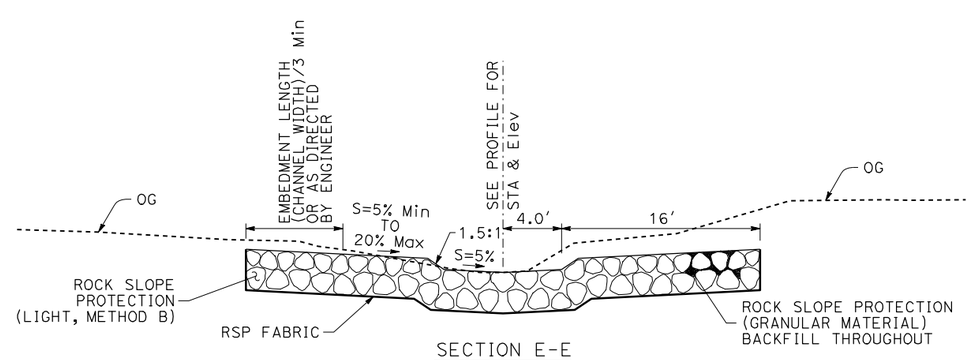


SECTION A-A



PLAN

ROCK SILL STRUCTURE
NO SCALE



SECTION E-E

REPAIR HEADCUT OR ERODING BANK

DRAINAGE DETAIL
NO SCALE
DD-15

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® 03-DESIGN EAST

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CALCULATED-DESIGNED BY: SCOTT FOSTER
CHECKED BY: KAO THAO
REVISED BY / DATE REVISED

LAST REVISION 09-26-11
DATE PLOTTED => 03-JAN-2012
TIME PLOTTED => 07:26

NOTES:
1. FOR PLAN VIEW SEE DD-2 & DD-3.
2. LOCATIONS TO BE DETERMINED BY ENGINEER.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	101	43.7/43.9		

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER No. Exp. CIVIL STATE OF CALIFORNIA

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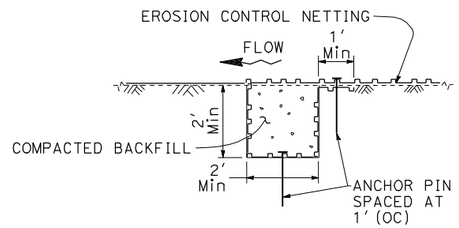
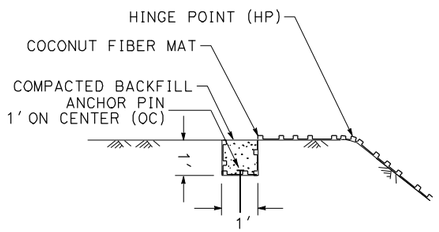
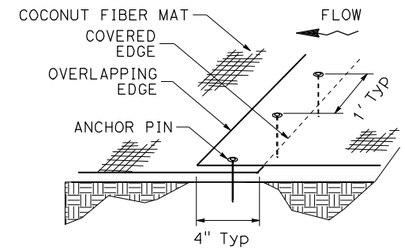


INITIAL ANCHOR TRENCH (DOWNSTREAM) DETAIL

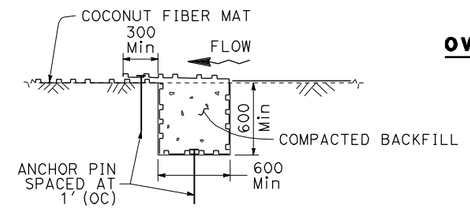


SECTION

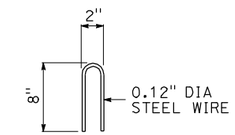
LONGITUDINAL ANCHOR TRENCH



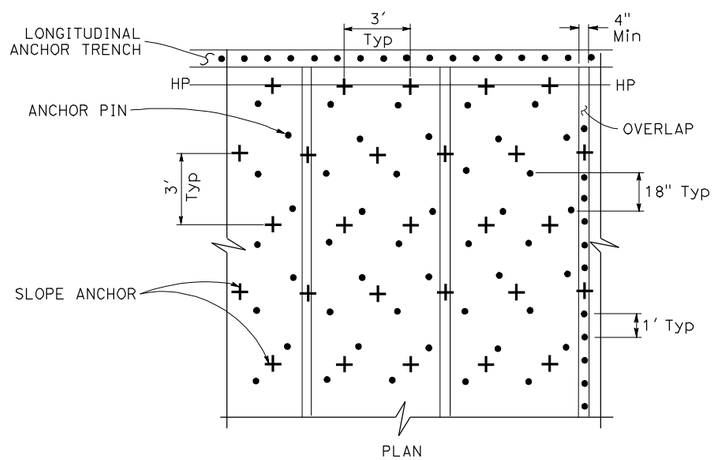
OVERLAP JOINT



TERMINAL ANCHOR TRENCH (UPSTREAM) DETAIL

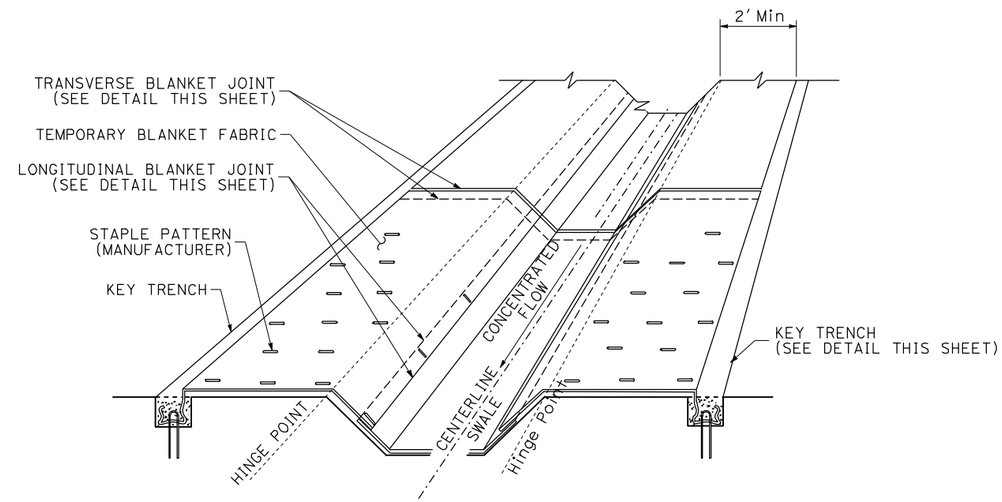


STAPLE DETAIL



PLAN

ANCHOR PLACEMENT



PERSPECTIVE

TEMPORARY EROSION CONTROL BLANKET IN SWALE

COCONUT FIBER MAT (EROSION CONTROL)

THIS PLAN ACCURATE FOR DRAINAG WORK ONLY.

REPAIR HEADCUT OR ERODING BANK

DRAINAGE DETAIL

NO SCALE

DD-16

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans 03-DESIGN EAST

FUNCTIONAL SUPERVISOR: DOUGLAS S. JONES
CALCULATED-DESIGNED BY: SCOTT FOSTER
CHECKED BY: KAO THAO
REVISED BY / DATE REVISED

LAST REVISION 09-27-11
DATE PLOTTED => 03-JAN-2012
TIME PLOTTED => 07:26

NOTES:
1. FOR PLAN VIEW SEE DD-4 & DD-5.
2. LOCATIONS TO BE DETERMINED BY ENGINEER.

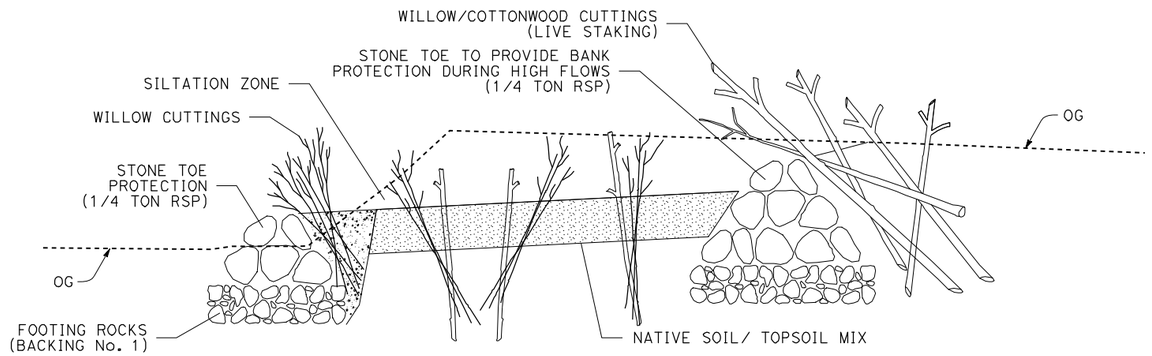
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	101	43.7/43.9		

REGISTERED CIVIL ENGINEER DATE

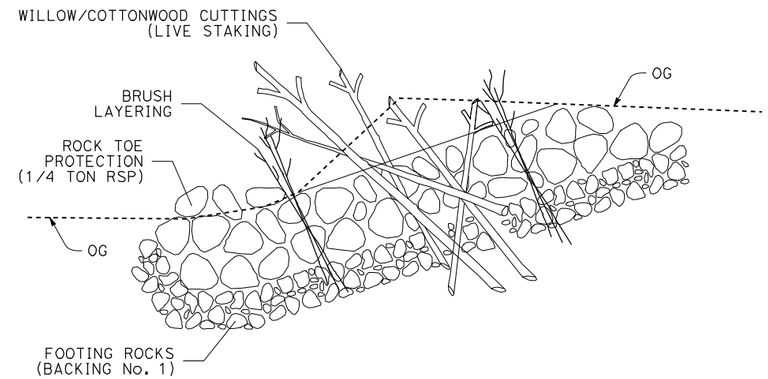
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER No. Exp. CIVIL STATE OF CALIFORNIA

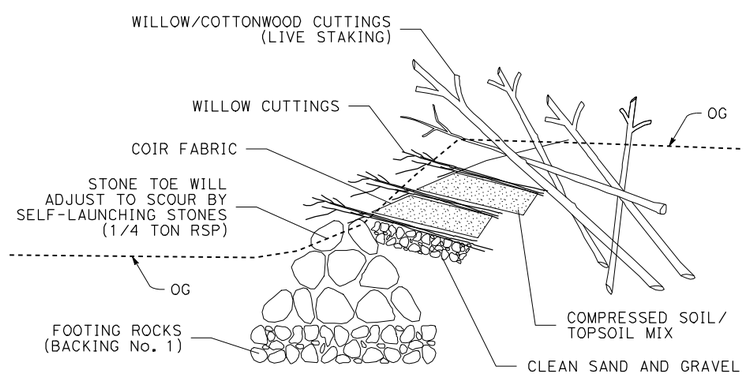
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



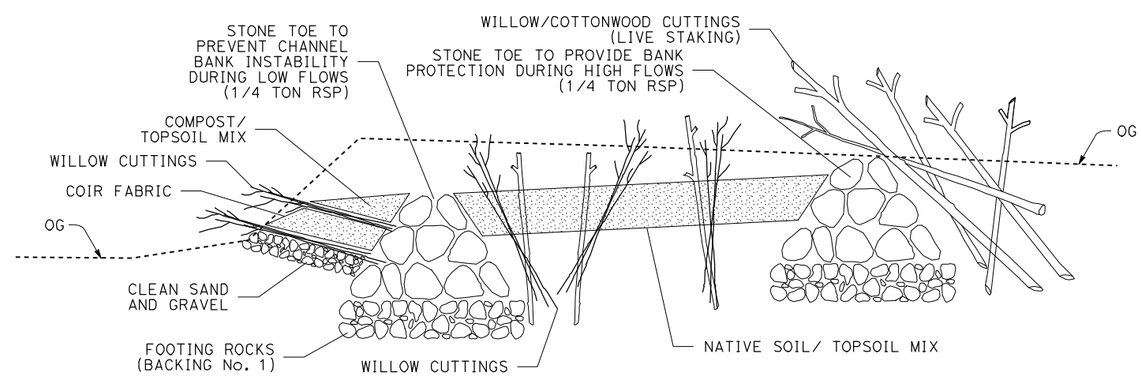
INCREASED CHANNEL CAPACITY TO REDUCE BANK EROSION (OPTION B)
NO SCALE



VEGETATED RSP
NO SCALE



LONGITUDINAL STONE TOE WITH BRUSH LAYER
NO SCALE



INCREASED CHANNEL CAPACITY TO REDUCE BANK EROSION (OPTION A)
NO SCALE

REPAIR HEADCUT OR ERODING BANK
DRAINAGE DETAIL
NO SCALE
DD-17

THIS PLAN ACCURATE FOR DRAINAG WORK ONLY.

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans®
03-DESIGN EAST

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

LAST REVISION 09-27-11
DATE PLOTTED => 03-JAN-2012
TIME PLOTTED => 07:26

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	101	43.7/43.9		

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER No. Exp. CIVIL STATE OF CALIFORNIA

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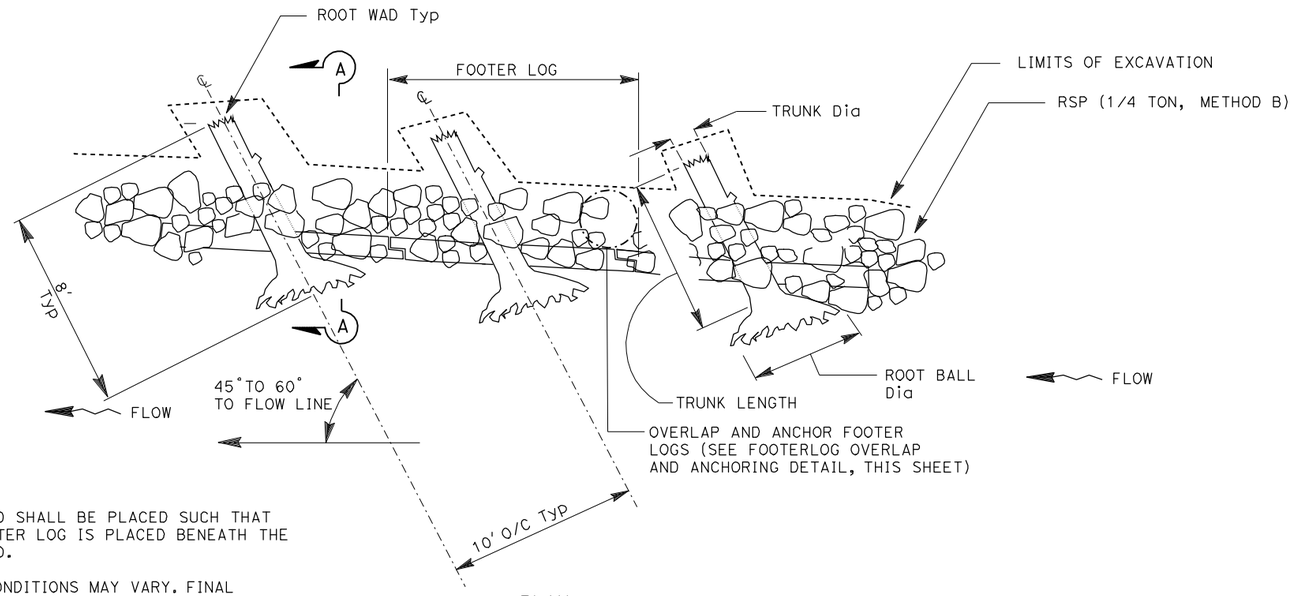
NOTES:
1. FOR PLAN VIEW SEE DD-11, DD-12 & DD-13.
2. LOCATIONS TO BE DETERMINED BY ENGINEER.



NOTES:

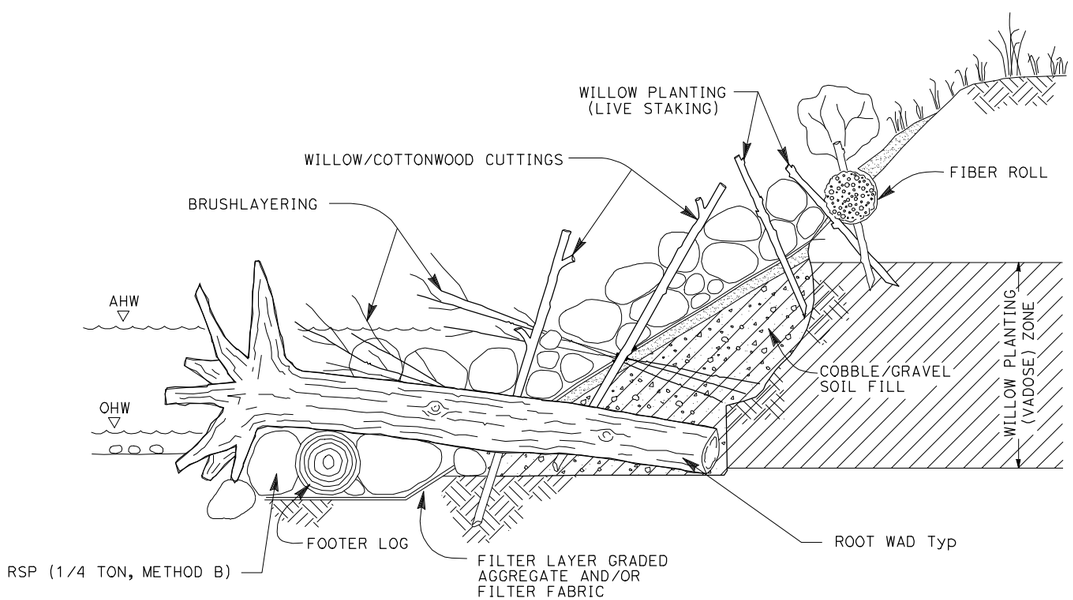
1. ROOT WAD SHALL BE PLACED SUCH THAT THE FOOTER LOG IS PLACED BENEATH THE ROOT WAD.
2. FIELD CONDITIONS MAY VARY. FINAL CONFIGURATION SHALL BE DETERMINED BY ENGINEER.

PLAN

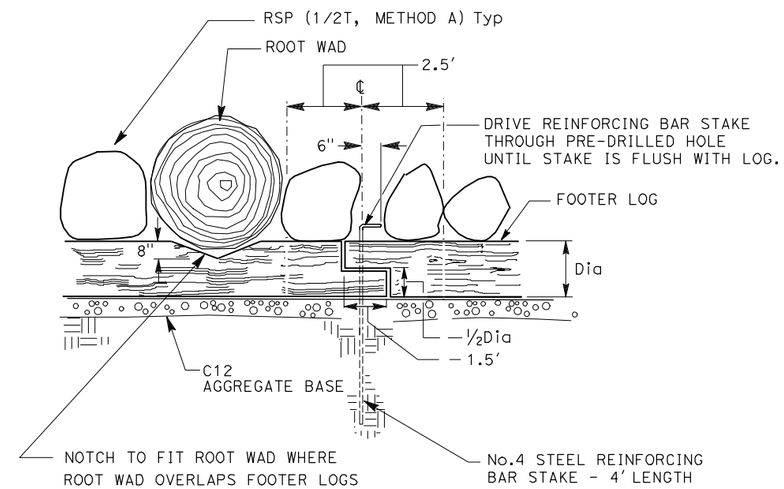
ROOT WAD REVETMENT

NOTES:

1. WILLOW POLE PLANTING SHALL BE INSTALLED DURING BANK GRADING AND ROCK SLOPE PROTECTION PLACEMENT TO ENSURE GOOD CONTACT WITH 'NATIVE GROUND' AND SOIL FILL.
2. CUT SMALL HOLES OR SLITS IN FILTER FABRIC AS NECESSARY.
3. PLACE SOIL FILL (COBBLES, GRAVEL, SOIL) AROUND CUTTING.
4. ROCK SLOPE PRTOECTION SHALL BE PLACED USING METHOD "B". SOME DAMAGE TO WILLOW POLES IS UNAVOIDABLE AND ACCEPTABLE. DEEPLY PLANTED WILLOW MATERIAL WILL REGENERATE.



SECTION A-A



ELEVATION

FOOTER LOG OVERLAP AND ANCHORING DETAIL

THIS PLAN ACCURATE FOR DRAINAG WORK ONLY.

REPAIR HEADCUT OR ERODING BANK

DRAINAGE DETAIL

NO SCALE

DD-18

REVISED BY	DATE REVISED
SCOTT FOSTER	KAO THAO

CALCULATED-DESIGNED BY / CHECKED BY

FUNCTIONAL SUPERVISOR: DOUGLAS S. JONES

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans® 03-DESIGN EAST

LAST REVISION 09-27-11 | DATE PLOTTED => 03-JAN-2012 | TIME PLOTTED => 07:26

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	101			

LICENSED LANDSCAPE ARCHITECT

PLANS APPROVAL DATE

LICENSED LANDSCAPE ARCHITECT — Signature — Renewal Date — Date — 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.

SEED MIX TABLE

PRIMARY SEED SOURCE:
1) LITTLE LAKE VALLEY, 2) OUTLET CREEK BASIN, 3) EEL RIVER WATERSHED.
SECONDARY SEED SOURCE PER THE JEPSON MANUAL:
1) NORTH COAST SUBREGION, 2) OUTER NORTH COAST RANGES

WETLAND INDICATOR STATUS	DEFINITION
OBL	OBLIGATE, ALMOST ALWAYS OCCURS IN WETLANDS (>= 99%)
FACW	FACULATIVE WETLAND, USUALLY OCCURS IN WETLANDS (66-99%)
FAC+	FACULATIVE, CAN OCCUR IN WETLANDS. CAN TOLERATE WETTER CONDITIONS THEN FAC
FAC	FACULATIVE, EQUALLY LIKELY TO OCCUR IN WETLANDS/ NON-WETLANDS (34-66%)
FAC b	NOT ASSIGNED STATUS BUT APPEARS TO BE AT LEAST FAC

SEED	BOTANICAL NAME (COMMON NAME)	WETLAND INDICATOR STATUS		POUNDS PURE LIVE SEED PER ACRE (SLOPE MEASUREMENT)
MIX WEG1-1 (FORD-WET MEADOW)	ALOPECURUS SACCATUS (PACIFIC FOXTAIL)	OBL		6
	DANTHONIA CALIFORNICA (CALIFORNIA OATGRASS)	FACW		12
	DESCHAMPSIA CAESPITOSA (TUFTED HAIRGRASS)	FACW		8
	HORDEUM BRACHYANTHERUM SSP. CALIFORNICUM (CALIFORNICA BARLEY)	FACW		12
	ELYMUS TRITICOIDES (BEARDLESS WILDRYE)	FAC		6
	JUNCUS PATENS (COMMON RUSH)	FACW		2
	JUNCUS ENSIFOLIUS (SWORDLEAF RUSH)	FACW		4
	JUNCUS TENUIS (SLENDER RUSH)	FACW		4
	CAMASSIA QUAMASH (COMMON CAMAS)	FACW		3
	CAREX PREAGRACILIS (FIELD SEDGE)	FACW		3
		TOTAL		54

SEED	BOTANICAL NAME (COMMON NAME)	WETLAND INDICATOR STATUS		POUNDS PURE LIVE SEED PER ACRE (SLOPE MEASUREMENT)
MIX WEG1-3 (NIESEN-WET MEADOW)	ALOPECURUS SACCATUS (PACIFIC FOXTAIL)	OBL		6
	DANTHONIA CALIFORNICA (CALIFORNIA OATGRASS)	FACW		12
	DESCHAMPSIA CAESPITOSA (TUFTED HAIRGRASS)	FACW		8
	HORDEUM BRACHYANTHERUM SSP. CALIFORNICUM (CALIFORNICA BARLEY)	FACW		12
	JUNCUS PATENS (COMMON RUSH)	FACW		2
	JUNCUS ENSIFOLIUS (SWORDLEAF RUSH)	FACW		4
	JUNCUS TENUIS (SLENDER RUSH)	FACW		4
	CAMASSIA QUAMASH (COMMON CAMAS)	FACW		3
	CAREX PREAGRACILIS (FIELD SEDGE)	FACW		3
		TOTAL		54

SEED	BOTANICAL NAME (COMMON NAME)	WETLAND INDICATOR STATUS		POUNDS PURE LIVE SEED PER ACRE (SLOPE MEASUREMENT)
MIX WEG1-2 (GOSS/ MGC PLASMA- WET MEADOW)	ALOPECURUS SACCATUS (PACIFIC FOXTAIL)	OBL		4
	DANTHONIA CALIFORNICA (CALIFORNIA OATGRASS)	FACW		3
	DESCHAMPSIA CAESPITOSA (TUFTED HAIRGRASS)	FACW		3
	HORDEUM BRACHYANTHERUM SSP. CALIFORNICUM (CALIFORNICA BARLEY)	FACW		2
	JUNCUS PATENS (COMMON RUSH)	FACW		2
	JUNCUS ENSIFOLIUS (SWORDLEAF RUSH)	FACW		6
	JUNCUS TENUIS (SLENDER RUSH)	FACW		6
	CAMASSIA QUAMASH (COMMON CAMAS)	FACW		5
	CAREX PREAGRACILIS (FIELD SEDGE)	FACW		5
		TOTAL		36

SEED	BOTANICAL NAME (COMMON NAME)	WETLAND INDICATOR STATUS		POUNDS PURE LIVE SEED PER ACRE (SLOPE MEASUREMENT)
MIX WEG1-4 (WATSON-WET MEADOW)	ALOPECURUS SACCATUS (PACIFIC FOXTAIL)	OBL		4
	DANTHONIA CALIFORNICA (CALIFORNIA OATGRASS)	FACW		8
	DESCHAMPSIA CAESPITOSA (TUFTED HAIRGRASS)	FACW		8
	HORDEUM BRACHYANTHERUM SSP. CALIFORNICUM (CALIFORNICA BARLEY)	FACW		6
	JUNCUS PATENS (COMMON RUSH)	FACW		2
	JUNCUS ENSIFOLIUS (SWORDLEAF RUSH)	FACW		6
	JUNCUS TENUIS (SLENDER RUSH)	FACW		6
	CAMASSIA QUAMASH (COMMON CAMAS)	FACW		5
	CAREX PREAGRACILIS (FIELD SEDGE)	FACW		5
		TOTAL		50

EROSION CONTROL (WEG1-1) SEQUENCE AND APPLICATION (FORD- WET MEADOW)

SEQUENCE	ITEM	MATERIAL DESCRIPTION	MATERIAL TYPE	APPLICATION RATE
STEP 1	HYDROSEED	SEED	WEG1-1	54 LB/ACRE
		FIBER	WOOD	600 LB/ACRE
STEP 2	HYDROMULCH	FIBER	WOOD	600 LB/ACRE
		TACKIFIER	GUAR	200 LB/ACRE
STEP 3	ROLLED EROSION CONTROL PRODUCT (NETTING)	NETTING	TYPE A	

EROSION CONTROL (WEG1-2) SEQUENCE AND APPLICATION (GOSS/ MGC PLASMA- WET MEADOW)

SEQUENCE	ITEM	MATERIAL DESCRIPTION	MATERIAL TYPE	APPLICATION RATE
STEP 1	HYDROSEED	SEED	WEG1-2	36 LB/ACRE
		FIBER	WOOD	600 LB/ACRE
STEP 2	HYDROMULCH	FIBER	WOOD	600 LB/ACRE
		TACKIFIER	GUAR	200 LB/ACRE
STEP 3	ROLLED EROSION CONTROL PRODUCT (NETTING)	NETTING	TYPE A	

EROSION CONTROL (WEG1-3) SEQUENCE AND APPLICATION (NIESEN- WET MEADOW)

SEQUENCE	ITEM	MATERIAL DESCRIPTION	MATERIAL TYPE	APPLICATION RATE
STEP 1	HYDROSEED	SEED	WEG1-3	54 LB/ACRE
		FIBER	WOOD	600 LB/ACRE
STEP 2	HYDROMULCH	FIBER	WOOD	600 LB/ACRE
		TACKIFIER	GUAR	200 LB/ACRE
STEP 3	ROLLED EROSION CONTROL PRODUCT (NETTING)	NETTING	TYPE A	

EROSION CONTROL (WEG1-4) SEQUENCE AND APPLICATION (WATSON- WET MEADOW)

NOTE:
PLACEMENT OF LOCAL TOPSOIL (Type BMF) SHALL INCLUDE COMPACTION MEASURES OF 80-85% FOR SOIL STABILIZATION.

SEQUENCE	ITEM	MATERIAL DESCRIPTION	MATERIAL TYPE	APPLICATION RATE
STEP 1	LOCAL TOPSOIL	TOPSOIL	BMF	CY/ 1000 SQFT
STEP 2	HYDROSEED	SEED	WEG1-4	50 LB/ACRE
		FIBER	WOOD	600 LB/ACRE
STEP 3	HYDROMULCH	FIBER	WOOD	600 LB/ACRE
		TACKIFIER	GUAR	200 LB/ACRE
STEP 4	ROLLED EROSION CONTROL PRODUCT (NETTING)	NETTING	TYPE A	

WETLAND ESTABLISHMENT
GROUP 1

EROSION CONTROL SCHEDULE

NO SCALE

ECS-1

REVISED BY | DATE REVISED
CALCULATED-DESIGNED BY | CHECKED BY
SENIOR LANDSCAPE ARCHITECT

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® 03 - LANDSCAPE ARCHITECTURE

LAST REVISION 00-00-00 | DATE PLOTTED => 09-JAN-2012 | TIME PLOTTED => 17:44

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	101			

LICENSED LANDSCAPE ARCHITECT

PLANS APPROVAL DATE

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FAC+	FACULATIVE, CAN OCCUR IN WETLANDS. CAN TOLERATE WETTER CONDITIONS THEN FAC
FAC	FACULATIVE, EQUALLY LIKELY TO OCCUR IN WETLANDS/ NON-WETLANDS (34-66%)
FAC b	NOT ASSIGNED STATUS BUT APPEARS TO BE AT LEAST FAC

EROSION CONTROL SEQUENCE AND APPLICATION

SEQUENCE	ITEM	MATERIAL DESCRIPTION	MATERIAL TYPE	APPLICATION RATE
STEP 1	HYDROSEED	SEED	--	-- LB/ACRE
		FIBER	WOOD	600 LB/ACRE
STEP 2	HYDROMULCH	FIBER	WOOD	600 LB/ACRE
		TACKIFIER	GUAR	200 LB/ACRE
STEP 3	ROLLED EROSION CONTROL PRODUCT (NETTING)	NETTING	TYPE A	

BENBOW APN 108-020-06

MIX 108-020-06

SEED MIX	BOTANICAL NAME (COMMON NAME)	WETLAND INDICATOR STATUS
	ALOPERCURUS SACCATUS (PACIFIC FOXTAIL)	FACW
	CAMASSIA QUAMASH (COMMON CAMAS)	FACW
	DANTHONIA CALIFORNICA (CALIFORNIA OATGRASS)	FACW
	DESCHAMPSIA CAESPITOSA (TUFTED HAIRGRASS)	FACW
	HORDEUM BRACHYANTHERUM (MEADOW BARLEY)	FACW
	CAREX DENSA (DENSE SEDGE)	OBL
	JUNCUS BACTICUS (BALTIC RUSH)	OBL
	CAREX PREAGRACILIS (FIELD SEDGE)	FACW
	CAREX ATHROSTACHYA (SLENDER BEAK SEDGE)	FACW
	JUNCUS TENUIS (SLENDER RUSH)	FACW

BENBOW APN 108-030-07

MIX 108-030-07

SEED MIX	BOTANICAL NAME (COMMON NAME)	WETLAND INDICATOR STATUS
	ALOPERCURUS SACCATUS (PACIFIC FOXTAIL)	FACW
	CAMASSIA QUAMASH (COMMON CAMAS)	FACW
	DANTHONIA CALIFORNICA (CALIFORNIA OATGRASS)	FACW
	DESCHAMPSIA CAESPITOSA (TUFTED HAIRGRASS)	FACW
	HORDEUM BRACHYANTHERUM (MEADOW BARLEY)	FACW
	CAREX DENSA (DENSE SEDGE)	OBL
	JUNCUS BACTICUS (BALTIC RUSH)	OBL
	CAREX PREAGRACILIS (FIELD SEDGE)	FACW
	CAREX ATHROSTACHYA (SLENDER BEAK SEDGE)	FACW
	JUNCUS TENUIS (SLENDER RUSH)	FACW

BENBOW APN 108-040-13

MIX 108-040-13

SEED MIX	BOTANICAL NAME (COMMON NAME)	WETLAND INDICATOR STATUS
	ALOPERCURUS SACCATUS (PACIFIC FOXTAIL)	FACW
	CAMASSIA QUAMASH (COMMON CAMAS)	FACW
	DANTHONIA CALIFORNICA (CALIFORNIA OATGRASS)	FACW
	DESCHAMPSIA CAESPITOSA (TUFTED HAIRGRASS)	FACW
	HORDEUM BRACHYANTHERUM (MEADOW BARLEY)	FACW
	CAREX DENSA (DENSE SEDGE)	OBL
	JUNCUS BACTICUS (BALTIC RUSH)	OBL
	CAREX PREAGRACILIS (FIELD SEDGE)	FACW
	CAREX ATHROSTACHYA (SLENDER BEAK SEDGE)	FACW
	JUNCUS TENUIS (SLENDER RUSH)	FACW

BENBOW APN 007-010-04

MIX 007-010-04

SEED MIX	BOTANICAL NAME (COMMON NAME)	WETLAND INDICATOR STATUS
	ALOPERCURUS SACCATUS (PACIFIC FOXTAIL)	FACW
	CAMASSIA QUAMASH (COMMON CAMAS)	FACW
	DANTHONIA CALIFORNICA (CALIFORNIA OATGRASS)	FACW
	DESCHAMPSIA CAESPITOSA (TUFTED HAIRGRASS)	FACW
	HORDEUM BRACHYANTHERUM (MEADOW BARLEY)	FACW
	CAREX DENSA (DENSE SEDGE)	OBL
	JUNCUS BACTICUS (BALTIC RUSH)	OBL
	CAREX PREAGRACILIS (FIELD SEDGE)	FACW
	CAREX ATHROSTACHYA (SLENDER BEAK SEDGE)	FACW
	JUNCUS TENUIS (SLENDER RUSH)	FACW

WETLAND ESTABLISHMENT
GROUP 2

WETLAND RESTORATION
TYPE 3
TYPE 4

EROSION CONTROL SCHEDULE

NO SCALE

ECS-2

REVISED BY | DATE REVISED
CALCULATED-DESIGNED BY | CHECKED BY
SENIOR LANDSCAPE ARCHITECT

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® 03 - LANDSCAPE ARCHITECTURE

LAST REVISION 00-00-00 | DATE PLOTTED => 09-JAN-2012 | TIME PLOTTED => 17:44

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	101			

LICENSED LANDSCAPE ARCHITECT

PLANS APPROVAL DATE

LICENSED LANDSCAPE ARCHITECT — Signature — Renewal Date — Date — STATE OF CALIFORNIA

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EROSION CONTROL SEQUENCE AND APPLICATION

SEQUENCE	ITEM	MATERIAL DESCRIPTION	MATERIAL TYPE	APPLICATION RATE
STEP 1	HYDROSEED	SEED	--	-- LB/ACRE
		FIBER	WOOD	600 LB/ACRE
STEP 2	HYDROMULCH	FIBER	WOOD	600 LB/ACRE
		TACKIFIER	GUAR	200 LB/ACRE
STEP 3	ROLLED EROSION CONTROL PRODUCT (NETTING)	NETTING	TYPE A	

BENBOW APN 007-020-03

SEED MIX	BOTANICAL NAME (COMMON NAME)	WETLAND INDICATOR STATUS
MIX 007-020-03	ALOPERCURUS SACCATUS (PACIFIC FOXTAIL)	FACW
	DANTHONIA CALIFORNICA (CALIFORNIA OATGRASS)	FACW
	DESCHAMPSIA CAESPITOSA (TUFTED HAIRGRASS)	FACW
	HORDEUM BRACHYANTHERUM (MEADOW BARLEY)	FACW
	CAREX DENSA (DENSE SEDGE)	OBL
	JUNCUS BACTICUS (BALTIC RUSH)	OBL
	CAREX PREAGRACILIS (FIELD SEDGE)	FACW
	CAREX ATHROSTACHYA (SLENDER BEAK SEDGE)	FACW
	JUNCUS TENUIS (SLENDER RUSH)	FACW

FORD APN 108-020-04

SEED MIX	BOTANICAL NAME (COMMON NAME)	WETLAND INDICATOR STATUS
MIX 108-020-04	ALOPERCURUS SACCATUS (PACIFIC FOXTAIL)	FACW
	CAMASSIA QUAMASH (COMMON CAMAS)	FACW
	DANTHONIA CALIFORNICA (CALIFORNIA OATGRASS)	FACW
	DESCHAMPSIA CAESPITOSA (TUFTED HAIRGRASS)	FACW
	HORDEUM BRACHYANTHERUM (MEADOW BARLEY)	FACW
	CAREX DENSA (DENSE SEDGE)	OBL
	JUNCUS BACTICUS (BALTIC RUSH)	OBL
	CAREX PREAGRACILIS (FIELD SEDGE)	FACW
	CAREX ATHROSTACHYA (SLENDER BEAK SEDGE)	FACW
	JUNCUS TENUIS (SLENDER RUSH)	FACW

FORD APN 108-030-02

SEED MIX	BOTANICAL NAME (COMMON NAME)	WETLAND INDICATOR STATUS
MIX 108-030-02	DANTHONIA CALIFORNICA (CALIFORNIA OATGRASS)	FACW
	DESCHAMPSIA CAESPITOSA (TUFTED HAIRGRASS)	FACW
	HORDEUM BRACHYANTHERUM (MEADOW BARLEY)	FACW
	CAREX DENSA (DENSE SEDGE)	OBL
	JUNCUS BACTICUS (BALTIC RUSH)	OBL
	CAREX PREAGRACILIS (FIELD SEDGE)	FACW
	CAREX ATHROSTACHYA (SLENDER BEAK SEDGE)	FACW
	JUNCUS TENUIS (SLENDER RUSH)	FACW

FORD APN 108-030-05

SEED MIX	BOTANICAL NAME (COMMON NAME)	WETLAND INDICATOR STATUS
MIX 108-030-05	ALOPERCURUS SACCATUS (PACIFIC FOXTAIL)	FACW
	CAMASSIA QUAMASH (COMMON CAMAS)	FACW
	DANTHONIA CALIFORNICA (CALIFORNIA OATGRASS)	FACW
	DESCHAMPSIA CAESPITOSA (TUFTED HAIRGRASS)	FACW
	HORDEUM BRACHYANTHERUM (MEADOW BARLEY)	FACW
	CAREX DENSA (DENSE SEDGE)	OBL
	JUNCUS BACTICUS (BALTIC RUSH)	OBL
	CAREX PREAGRACILIS (FIELD SEDGE)	FACW
	CAREX ATHROSTACHYA (SLENDER BEAK SEDGE)	FACW
	JUNCUS TENUIS (SLENDER RUSH)	FACW

WETLAND ESTABLISHMENT
GROUP 2

WETLAND RESTORATION
TYPE 3
TYPE 4

EROSION CONTROL SCHEDULE

NO SCALE

ECS-3

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SENIOR LANDSCAPE ARCHITECT

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® 03 - LANDSCAPE ARCHITECTURE

LAST REVISION 00-00-00 | DATE PLOTTED => 09-JAN-2012 TIME PLOTTED => 17:44

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	101			

LICENSED LANDSCAPE ARCHITECT

PLANS APPROVAL DATE

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SEED MIX TABLE

PRIMARY SEED SOURCE:
1) LITTLE LAKE VALLEY, 2) OUTLET CREEK BASIN, 3) EEL RIVER WATERSHED.

SECONDARY SEED SOURCE PER THE JEPSON MANUAL:
1) NORTH COAST SUBREGION, 2) OUTER NORTH COAST RANGES

WETLAND INDICATOR STATUS	DEFINITION
OBL	OBLIGATE, ALMOST ALWAYS OCCURS IN WETLANDS (>= 99%)
FACW	FACULATIVE WETLAND, USUALLY OCCURS IN WETLANDS (66-99%)
FAC+	FACULATIVE, CAN OCCUR IN WETLANDS. CAN TOLERATE WETTER CONDITIONS THEN FAC
FAC	FACULATIVE, EQUALLY LIKELY TO OCCUR IN WETLANDS/ NON-WETLANDS (34-66%)
FAC b	NOT ASSIGNED STATUS BUT APPEARS TO BE AT LEAST FAC

EROSION CONTROL SEQUENCE AND APPLICATION

SEQUENCE	ITEM	MATERIAL DESCRIPTION	MATERIAL TYPE	APPLICATION RATE
STEP 1	HYDROSEED	SEED	--	-- LB/ACRE
		FIBER	WOOD	600 LB/ACRE
STEP 2	HYDROMULCH	FIBER	WOOD	600 LB/ACRE
		TACKIFIER	GUAR	200 LB/ACRE
STEP 3	ROLLED EROSION CONTROL PRODUCT (NETTING)	NETTING	TYPE A	

LUSHER APN 108-030-04

MIX 108-030-04

SEED MIX	BOTANICAL NAME (COMMON NAME)	WETLAND INDICATOR STATUS
	ALOPERCURUS SACCATUS (PACIFIC FOXTAIL)	FACW
	CAMASSIA QUAMASH (COMMON CAMAS)	FACW
	DANTHONIA CALIFORNICA (CALIFORNIA OATGRASS)	FACW
	DESCHAMPSIA CAESPITOSA (TUFTED HAIRGRASS)	FACW
	HORDEUM BRACHYANTHERUM (MEADOW BARLEY)	FACW
	CAREX DENSA (DENSE SEDGE)	OBL
	JUNCUS BACTICUS (BALTIC RUSH)	OBL
	CAREX PREAGRACILIS (FIELD SEDGE)	FACW
	CAREX ATHROSTACHYA (SLENDER BEAK SEDGE)	FACW
	JUNCUS TENUIS (SLENDER RUSH)	FACW

MGC PLASMA APN 103-250-14

MIX 103-250-14

SEED MIX	BOTANICAL NAME (COMMON NAME)	WETLAND INDICATOR STATUS
	ALOPERCURUS SACCATUS (PACIFIC FOXTAIL)	FACW
	DANTHONIA CALIFORNICA (CALIFORNIA OATGRASS)	FACW
	DESCHAMPSIA CAESPITOSA (TUFTED HAIRGRASS)	FACW
	HORDEUM BRACHYANTHERUM (MEADOW BARLEY)	FACW
	CAREX DENSA (DENSE SEDGE)	OBL
	JUNCUS BACTICUS (BALTIC RUSH)	OBL
	CAREX PREAGRACILIS (FIELD SEDGE)	FACW
	CAREX ATHROSTACHYA (SLENDER BEAK SEDGE)	FACW
	JUNCUS TENUIS (SLENDER RUSH)	FACW

NIESEN APN 108-040-02

MIX 108-040-02

SEED MIX	BOTANICAL NAME (COMMON NAME)	WETLAND INDICATOR STATUS
	ALOPERCURUS SACCATUS (PACIFIC FOXTAIL)	FACW
	CAMASSIA QUAMASH (COMMON CAMAS)	FACW
	DANTHONIA CALIFORNICA (CALIFORNIA OATGRASS)	FACW
	DESCHAMPSIA CAESPITOSA (TUFTED HAIRGRASS)	FACW
	HORDEUM BRACHYANTHERUM (MEADOW BARLEY)	FACW
	CAREX DENSA (DENSE SEDGE)	OBL
	JUNCUS BACTICUS (BALTIC RUSH)	OBL
	CAREX PREAGRACILIS (FIELD SEDGE)	FACW
	CAREX ATHROSTACHYA (SLENDER BEAK SEDGE)	FACW
	JUNCUS TENUIS (SLENDER RUSH)	FACW

WATSON APN 037-221-30

MIX 037-221-30

SEED MIX	BOTANICAL NAME (COMMON NAME)	WETLAND INDICATOR STATUS
	ALOPERCURUS SACCATUS (PACIFIC FOXTAIL)	FACW
	CAMASSIA QUAMASH (COMMON CAMAS)	FACW
	DESCHAMPSIA CAESPITOSA (TUFTED HAIRGRASS)	FACW
	GLYCERIA OCCIDENTALIS (NORTHWESTERN MANNAGRASS)	OBL
	HORDEUM BRACHYANTHERUM (MEADOW BARLEY)	FACW
	CAREX DENSA (DENSE SEDGE)	OBL
	JUNCUS BACTICUS (BALTIC RUSH)	OBL
	CAREX PREAGRACILIS (FIELD SEDGE)	FACW
	CAREX ATHROSTACHYA (SLENDER BEAK SEDGE)	FACW
	JUNCUS TENUIS (SLENDER RUSH)	FACW

WETLAND ESTABLISHMENT
GROUP 2

WETLAND RESTORATION
TYPE 3
TYPE 4

EROSION CONTROL SCHEDULE

NO SCALE

ECS-4

REVISED BY | DATE REVISED | CALCULATED-DESIGNED BY | CHECKED BY | SENIOR LANDSCAPE ARCHITECT

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OBL	OBLIGATE, ALMOST ALWAYS OCCURS IN WETLANDS (>= 99%)
FACW	FACULATIVE WETLAND, USUALLY OCCURS IN WETLANDS (66-99%)
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FAC	FACULATIVE, EQUALLY LIKELY TO OCCUR IN WETLANDS/ NON-WETLANDS (34-66%)
FAC b	NOT ASSIGNED STATUS BUT APPEARS TO BE AT LEAST FAC

EROSION CONTROL SEQUENCE AND APPLICATION

SEQUENCE	ITEM	MATERIAL DESCRIPTION	MATERIAL TYPE	APPLICATION RATE
STEP 1	HYDROSEED	SEED	--	-- LB/ACRE
		FIBER	WOOD	600 LB/ACRE
STEP 2	HYDROMULCH	FIBER	WOOD	600 LB/ACRE
		TACKIFIER	GUAR	200 LB/ACRE
STEP 3	ROLLED EROSION CONTROL PRODUCT (NETTING)	NETTING	TYPE A	

WILDLANDS APN 108-060-01

SEED MIX	BOTANICAL NAME (COMMON NAME)	WETLAND INDICATOR STATUS
MIX 108-060-01	ALOPERCURUS SACCATUS (PACIFIC FOXTAIL)	FACW
	CAMASSIA QUAMASH (COMMON CAMAS)	FACW
	DANTHONIA CALIFORNICA (CALIFORNIA OATGRASS)	FACW
	DESCHAMPSIA CAESPITOSA (TUFTED HAIRGRASS)	FACW
	HORDEUM BRACHYANTHERUM (MEADOW BARLEY)	FACW
	CAREX DENSA (DENSE SEDGE)	OBL
	JUNCUS BACTICUS (BALTIC RUSH)	OBL
	CAREX PREAGRACILIS (FIELD SEDGE)	FACW
	CAREX ATHROSTACHYA (SLENDER BEAK SEDGE)	FACW
	JUNCUS TENUIS (SLENDER RUSH)	FACW

WILDLANDS APN 108-020-07

SEED MIX	BOTANICAL NAME (COMMON NAME)	WETLAND INDICATOR STATUS
MIX 108-020-07	ALOPERCURUS SACCATUS (PACIFIC FOXTAIL)	FACW
	CAMASSIA QUAMASH (COMMON CAMAS)	FACW
	DANTHONIA CALIFORNICA (CALIFORNIA OATGRASS)	FACW
	DESCHAMPSIA CAESPITOSA (TUFTED HAIRGRASS)	FACW
	HORDEUM BRACHYANTHERUM (MEADOW BARLEY)	FACW
	CAREX DENSA (DENSE SEDGE)	OBL
	JUNCUS BACTICUS (BALTIC RUSH)	OBL
	CAREX PREAGRACILIS (FIELD SEDGE)	FACW
	CAREX ATHROSTACHYA (SLENDER BEAK SEDGE)	FACW
	JUNCUS TENUIS (SLENDER RUSH)	FACW

WILDLANDS APN 108-030-08

SEED MIX	BOTANICAL NAME (COMMON NAME)	WETLAND INDICATOR STATUS
MIX 108-030-08	ALOPERCURUS SACCATUS (PACIFIC FOXTAIL)	FACW
	CAMASSIA QUAMASH (COMMON CAMAS)	FACW
	DANTHONIA CALIFORNICA (CALIFORNIA OATGRASS)	FACW
	DESCHAMPSIA CAESPITOSA (TUFTED HAIRGRASS)	FACW
	HORDEUM BRACHYANTHERUM (MEADOW BARLEY)	FACW
	CAREX DENSA (DENSE SEDGE)	OBL
	JUNCUS BACTICUS (BALTIC RUSH)	OBL
	CAREX PREAGRACILIS (FIELD SEDGE)	FACW
	CAREX ATHROSTACHYA (SLENDER BEAK SEDGE)	FACW
	JUNCUS TENUIS (SLENDER RUSH)	FACW

WETLAND ESTABLISHMENT
GROUP 2

WETLAND RESTORATION
TYPE 3
TYPE 4

EROSION CONTROL SCHEDULE

NO SCALE

ECS-5

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CALCULATED-DESIGNED BY | CHECKED BY

SENIOR LANDSCAPE ARCHITECT

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FAC	FACULATIVE, EQUALLY LIKELY TO OCCUR IN WETLANDS/ NON-WETLANDS (34-66%)
FAC b	NOT ASSIGNED STATUS BUT APPEARS TO BE AT LEAST FAC

EROSION CONTROL SEQUENCE AND APPLICATION

SEQUENCE	ITEM	MATERIAL DESCRIPTION	MATERIAL TYPE	APPLICATION RATE
STEP 1	HYDROSEED	SEED	--	-- LB/ACRE
		FIBER	WOOD	600 LB/ACRE
STEP 2	HYDROMULCH	FIBER	WOOD	600 LB/ACRE
		TACKIFIER	GUAR	200 LB/ACRE
STEP 3	ROLLED EROSION CONTROL PRODUCT (NETTING)	NETTING	TYPE A	

WILDLANDS APN 108-070-08

SEED MIX	BOTANICAL NAME (COMMON NAME)	WETLAND INDICATOR STATUS
MIX 108-070-08	ALOPERCURUS SACCATUS (PACIFIC FOXTAIL)	FACW
	CAMASSIA QUAMASH (COMMON CAMAS)	FACW
	DANTHONIA CALIFORNICA (CALIFORNIA OATGRASS)	FACW
	DESCHAMPSIA CAESPITOSA (TUFTED HAIRGRASS)	FACW
	HORDEUM BRACHYANTHERUM (MEADOW BARLEY)	FACW
	CAREX DENSA (DENSE SEDGE)	OBL
	JUNCUS BACTICUS (BALTIC RUSH)	OBL
	CAREX PREAGRACILIS (FIELD SEDGE)	FACW
	CAREX ATHROSTACHYA (SLENDER BEAK SEDGE)	FACW
	JUNCUS TENUIS (SLENDER RUSH)	FACW

WILDLANDS APN 108-070-09

SEED MIX	BOTANICAL NAME (COMMON NAME)	WETLAND INDICATOR STATUS
MIX 108-070-09	ALOPERCURUS SACCATUS (PACIFIC FOXTAIL)	FACW
	CAMASSIA QUAMASH (COMMON CAMAS)	FACW
	DANTHONIA CALIFORNICA (CALIFORNIA OATGRASS)	FACW
	DESCHAMPSIA CAESPITOSA (TUFTED HAIRGRASS)	FACW
	HORDEUM BRACHYANTHERUM (MEADOW BARLEY)	FACW
	CAREX DENSA (DENSE SEDGE)	OBL
	JUNCUS BACTICUS (BALTIC RUSH)	OBL
	CAREX PREAGRACILIS (FIELD SEDGE)	FACW
	CAREX ATHROSTACHYA (SLENDER BEAK SEDGE)	FACW
	JUNCUS TENUIS (SLENDER RUSH)	FACW

WETLAND ESTABLISHMENT
GROUP 2

WETLAND RESTORATION
TYPE 3
TYPE 4

EROSION CONTROL SCHEDULE

NO SCALE

ECS-6

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SEQUENCE	ITEM	MATERIAL DESCRIPTION	MATERIAL TYPE	APPLICATION RATE
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		FIBER	WOOD	600 LB/ACRE
STEP 2	HYDROMULCH	FIBER	WOOD	600 LB/ACRE
		TACKIFIER	GUAR	200 LB/ACRE
STEP 3	ROLLED EROSION CONTROL PRODUCT (NETTING)	NETTING	TYPE A	

BENBOW APN 108-040-13

SEED MIX	BOTANICAL NAME (COMMON NAME)	WETLAND INDICATOR STATUS
MIX 108-040-13	ALOPERCURUS SACCATUS (PACIFIC FOXTAIL)	FACW
	CAMASSIA QUAMASH (COMMON CAMAS)	FACW
	DANTHONIA CALIFORNICA (CALIFORNIA OATGRASS)	FACW
	DESCHAMPSIA CAESPITOSA (TUFTED HAIRGRASS)	FACW
	HORDEUM BRACHYANTHERUM (MEADOW BARLEY)	FACW
	CAREX DENSA (DENSE SEDGE)	OBL
	JUNCUS BACTICUS (BALTIC RUSH)	OBL
	CAREX PREAGRACILIS (FIELD SEDGE)	FACW
	CAREX ATHROSTACHYA (SLENDER BEAK SEDGE)	FACW
	JUNCUS TENUIS (SLENDER RUSH)	FACW
	JUNCUS EFFUSUS (BOG RUSH)	OBL
	SCIRPUS MICROCARPUS (SMALL FRUIT BULLBUSH)	OBL
	EQUISETUM ARVENSE (FIELD HORSETAIL)	FAC
	DANTHONIA CALIFORNICA (CALIFORNIA OATGRASS)	FACW
	AGROSTIS EXARATA (SPIKE BENTGRASS)	FACW

FORD APN 108-010-06

SEED MIX	BOTANICAL NAME (COMMON NAME)	WETLAND INDICATOR STATUS
MIX 108-010-06	ALOPERCURUS SACCATUS (PACIFIC FOXTAIL)	FACW
	CAMASSIA QUAMASH (COMMON CAMAS)	FACW
	DANTHONIA CALIFORNICA (CALIFORNIA OATGRASS)	FACW
	DESCHAMPSIA CAESPITOSA (TUFTED HAIRGRASS)	FACW
	HORDEUM BRACHYANTHERUM (MEADOW BARLEY)	FACW
	CAREX DENSA (DENSE SEDGE)	OBL
	JUNCUS BACTICUS (BALTIC RUSH)	OBL
	CAREX PREAGRACILIS (FIELD SEDGE)	FACW
	CAREX ATHROSTACHYA (SLENDER BEAK SEDGE)	FACW
	JUNCUS TENUIS (SLENDER RUSH)	FACW
	JUNCUS EFFUSUS (BOG RUSH)	OBL
	SCIRPUS MICROCARPUS (SMALL FRUIT BULLBUSH)	OBL
	EQUISETUM ARVENSE (FIELD HORSETAIL)	FAC
	DANTHONIA CALIFORNICA (CALIFORNIA OATGRASS)	FACW
	AGROSTIS EXARATA (SPIKE BENTGRASS)	FACW

FROST APN 108-070-04

SEED MIX	BOTANICAL NAME (COMMON NAME)	WETLAND INDICATOR STATUS
MIX 108-070-04	ALOPERCURUS SACCATUS (PACIFIC FOXTAIL)	FACW
	CAMASSIA QUAMASH (COMMON CAMAS)	FACW
	DANTHONIA CALIFORNICA (CALIFORNIA OATGRASS)	FACW
	DESCHAMPSIA CAESPITOSA (TUFTED HAIRGRASS)	FACW
	HORDEUM BRACHYANTHERUM (MEADOW BARLEY)	FACW
	CAREX DENSA (DENSE SEDGE)	OBL
	JUNCUS BACTICUS (BALTIC RUSH)	OBL
	CAREX PREAGRACILIS (FIELD SEDGE)	FACW
	CAREX ATHROSTACHYA (SLENDER BEAK SEDGE)	FACW
	JUNCUS TENUIS (SLENDER RUSH)	FACW
	JUNCUS EFFUSUS (BOG RUSH)	OBL
	SCIRPUS MICROCARPUS (SMALL FRUIT BULLBUSH)	OBL
	EQUISETUM ARVENSE (FIELD HORSETAIL)	FAC
	DANTHONIA CALIFORNICA (CALIFORNIA OATGRASS)	FACW
	AGROSTIS EXARATA (SPIKE BENTGRASS)	FACW

LUSHER APN 108-030-04

SEED MIX	BOTANICAL NAME (COMMON NAME)	WETLAND INDICATOR STATUS
MIX 108-030-04	ALOPERCURUS SACCATUS (PACIFIC FOXTAIL)	FACW
	CAMASSIA QUAMASH (COMMON CAMAS)	FACW
	DANTHONIA CALIFORNICA (CALIFORNIA OATGRASS)	FACW
	DESCHAMPSIA CAESPITOSA (TUFTED HAIRGRASS)	FACW
	HORDEUM BRACHYANTHERUM (MEADOW BARLEY)	FACW
	CAREX DENSA (DENSE SEDGE)	OBL
	JUNCUS BACTICUS (BALTIC RUSH)	OBL
	CAREX PREAGRACILIS (FIELD SEDGE)	FACW
	CAREX ATHROSTACHYA (SLENDER BEAK SEDGE)	FACW
	JUNCUS TENUIS (SLENDER RUSH)	FACW
	JUNCUS EFFUSUS (BOG RUSH)	OBL
	SCIRPUS MICROCARPUS (SMALL FRUIT BULLBUSH)	OBL
	EQUISETUM ARVENSE (FIELD HORSETAIL)	FAC
	DANTHONIA CALIFORNICA (CALIFORNIA OATGRASS)	FACW
	AGROSTIS EXARATA (SPIKE BENTGRASS)	FACW

REPAIR HEADCUT OR ERODING BANK PLANTING

EROSION CONTROL SCHEDULE

NO SCALE

ECS-7

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ABBREVIATIONS

AMEND — amendment
B & B — balled and burlapped
Dia — diameter
EA — each
lb — pound
oz. — ounce
Ft — foot/feet
SQFT — square feet
CF — cubic feet
Max — maximum
Min — minimum
NCN — no common name
No. — number
Pkt — packet
PLT ESTB- plant establishment
Pvmt — pavement
R/W — right of way
SF — state furnished
TRVD — traveled

NOTE:

Underlined portions of botanical name indicate abbreviations used on Planting Plans.

1. PLANT SIZE "T4" IS EQUIVALENT TO "TREE POT," 4" x 14."
2. PLANT SIZE No.1 IS EQUIVALENT TO "1 GALLON."
3. PLANT SIZE "LINER" IS EQUIVALENT TO "TREE BAND."

WETLAND INDICATOR STATUS	DEFINITION
OBL	Obligate, almost always occurs in wetlands (>= 99 %)
FACW	Faculative wetland, usually occurs in wetlands (66-99%)
FAC+	Faculative, can occur in wetlands. can tolerate wetter conditions then FAC
FAC	Faculative, equally likely to occur in wetlands / nonwetlands (34 - 66%)
FAC b	Not assigned status but appears to be at least FAC

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PLANT LIST AND PLANTING SPECIFICATIONS - FOR WETLAND ESTABLISHMENT
FORD (MIXED MARSH/ WET MEADOW) WEG1-1

PLANT GROUP	PLANT No.	SYMBOL	BOTANICAL NAME	COMMON NAME	SIZE	QUANTITY EACH	HOLE SIZE (INCH) Dia	HOLE SIZE (INCH) DEPTH	BASIN TYPE	IRON SULFATE	SOIL AMEND ①	COMMERCIAL FERTILIZER ① PLANTING	COMMERCIAL FERTILIZER ① PLT ESTB	BASIN MULCH	STAKING	PLANTING LIMITS MINIMUM DISTANCE (Ft) FROM TRVD WAY	PVMT	FENCE	WALL	PAVED DITCH	EARTH DITCH	ON CENTER (Ft)	REMARKS WETLAND INDICATOR
MIXED MARSH																							
M	1		CAREX DENSA	DENSE SEDGE	LINER ⑦		4.5"	5"	I	-	-	40 g	-	-	-	-	-	-	-	-	-		OBL
	2		CAREX PRAEGRACILIS	FIELD SEDGE	LINER ⑦					-				-	-	-	-	-	-	-	-		FACW
	3		EUTHAMIA OCCIDENTALIS	WESTERN GOLDENROD	LINER ⑦					-				-	-	-	-	-	-	-	-		OBL
	4		JUNCUS BALTICUS	BALTIC RUSH	LINER ⑦					-				-	-	-	-	-	-	-	-		OBL
	5		JUNCUS PATENS	SPREADING RUSH	LINER ⑦					-				-	-	-	-	-	-	-	-		FAC
	6		SCIRPUS ACUTUS	TULE	LINER ⑦					-				-	-	-	-	-	-	-	-		OBL
	7		TYPHA LATIFOLIA	CATTAIL	LINER ⑦					-				-	-	-	-	-	-	-	-		FACW
WET MEADOW																							
M	8		CAMASSIA QUAMASH	COMMON CAMAS	LINER ⑦					-				-	-	-	-	-	-	-	-		FACW
	9		JUNCUS BALTICUS	BALTIC RUSH	LINER ⑦					-				-	-	-	-	-	-	-	-		OBL
	10		JUNCUS EFFUSUS	SOFT RUSH	LINER ⑦					-				-	-	-	-	-	-	-	-		OBL
	11		JUNCUS ENSIFOLIUS	SWORDLEAF RUSH	LINER ⑦					-				-	-	-	-	-	-	-	-		FACW
	12		JUNCUS PATENS	SPREADING RUSH	LINER ⑦					-				-	-	-	-	-	-	-	-		FAC
	13		JUNCUS PHAEOCHEPHALUS	BROWN HEADED RUSH	LINER ⑦					-				-	-	-	-	-	-	-	-		FACW
	14		ELYMUS TRITICOIDES	BEARDLESS WILDRYE	LINER ⑦		4.5"	5"	I	-	-	40 g	-	-	-	-	-	-	-	-	-		FAC

APPLICABLE WHEN CIRCLED:

① - Quantities shown are "per plant" unless shown as SQFT or SQYD application rates
2 - Basin mulch is included with mulch quantities shown on Planting Plan
3 - Sufficient to receive root ball and amendments if required
4 - See Detail
5 - See Special Provisions
6 - See Standard Specifications
⑦ - As shown on plans
8 - Unless otherwise shown on plans
9 - Foliage Protector required
10 - Root Protector required
11 - Root Barrier required
12 - State-Furnished

DESIGN PLANS FOR OFFSITE MITIGATION WETLAND ESTABLISHMENT GROUP 1 PLANT LIST

NO SCALE

PL-1

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STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® 03 - LANDSCAPE ARCHITECTURE

LAST REVISION 00-00-00 | DATE PLOTTED => 09-JAN-2012 | TIME PLOTTED => 17:59

ABBREVIATIONS

AMEND — amendment
B & B — balled and burlapped
Dia — diameter
EA — each
lb — pound
oz. — ounce
Ft — foot/feet
SQFT — square feet
CF — cubic feet
Max — maximum
Min — minimum
NCN — no common name
No. — number
Pkt — packet
PLT ESTB- plant establishment
Pvmt — pavement
R/W — right of way
SF — state furnished
TRVD — traveled

NOTE:

Underlined portions of botanical name indicate abbreviations used on Planting Plans.

1. PLANT SIZE "T4" IS EQUIVALENT TO "TREE POT," 4" x 14."
2. PLANT SIZE No.1 IS EQUIVALENT TO "1 GALLON."
3. PLANT SIZE "LINER" IS EQUIVALENT TO "TREE BAND."

WETLAND INDICATOR STATUS	DEFINITION
OBL	Obligate, almost always occurs in wetlands (>= 99 %)
FACW	Faculative wetland, usually occurs in wetlands (66-99%)
FAC+	Faculative, can occur in wetlands. can tolerate wetter conditions then FAC
FAC	Faculative, equally likely to occur in wetlands / nonwetlands (34 - 66%)
FAC b	Not assigned status but appears to be at least FAC

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	101			

LICENSED LANDSCAPE ARCHITECT

PLANS APPROVAL DATE

LICENSED LANDSCAPE ARCHITECT — Signature — Renewal Date — Date — STATE OF CALIFORNIA

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PLANT LIST AND PLANTING SPECIFICATIONS - FOR WETLAND ESTABLISHMENT GOSS/ MGC PLASMA NORTH (WET MEADOW) WEG1-2

PLANT GROUP	PLANT No.	SYMBOL	BOTANICAL NAME	COMMON NAME	SIZE	QUANTITY EACH	HOLE SIZE (INCH) Dia	HOLE SIZE (INCH) DEPTH	BASIN TYPE	IRON SULFATE	SOIL AMEND ①	COMMERCIAL FERTILIZER ① PLANTING	COMMERCIAL FERTILIZER ① PLT ESTB	BASIN MULCH	STAKING	PLANTING LIMITS MINIMUM DISTANCE (Ft) FROM TRVD WAY	PVMT	FENCE	WALL	PAVED DITCH	EARTH DITCH	ON CENTER (Ft)	REMARKS WETLAND INDICATOR
M	1		CAREX ATHROSTACHYA	SLENDER BEAK SEDGE	LINER ⑦		4.5"	5"	I	-	-	40 g	-	-	-	-	-	-	-	-	-		FACW
	2		CAREX DENSA	DENSE SEDGE	LINER ⑦					-				-	-	-	-	-	-	-	-		OBL
	3		CAREX PRAEGRACILIS	FIELD SAGE	LINER ⑦					-				-	-	-	-	-	-	-	-		FACW
	4		CAREX SUBBRACTEATA	SMALL BRACT SEDGE	LINER ⑦					-				-	-	-	-	-	-	-	-		FACW
	5		CAREX TUMULICOLA	FOOTHILL SAGE	LINER ⑦					-				-	-	-	-	-	-	-	-		FAC
	6		DANTHONIA CALIFORNICA	CALIFORNIA OATGRASS	LINER ⑦					-				-	-	-	-	-	-	-	-		FACW
	7		DESCHAMPSIA DANTHONIODES	ANNUAL HAIRGRASS	LINER ⑦					-				-	-	-	-	-	-	-	-		FACW
	8		HORDEUM BRACHYANTHERUM	MEADOW BARLEY	LINER ⑦					-				-	-	-	-	-	-	-	-		FACW
	9		JUNCUS BALTICUS	BALTIC RUSH	LINER ⑦					-				-	-	-	-	-	-	-	-		OBL
	10		JUNCUS ENSIFOLIUS	SWORDLEAF RUSH	LINER ⑦					-				-	-	-	-	-	-	-	-		FACW
	11		JUNCUS TENUIS	SLENDER RUSH	LINER ⑦					-				-	-	-	-	-	-	-	-		FACW
	12		JUNCUS PATENS	SPREADING RUSH	LINER ⑦					-				-	-	-	-	-	-	-	-		FAC
	13		AGROSTIS EXARATA	SPIKE BENTGRASS	LINER ⑦		4.5"	5"	I	-	-	40 g		-	-	-	-	-	-	-	-		FACW

APPLICABLE WHEN CIRCLED:

① - Quantities shown are "per plant" unless shown as SQFT or SQYD application rates
2 - Basin mulch is included with mulch quantities shown on Planting Plan
3 - Sufficient to receive root ball and amendments if required
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5 - See Special Provisions
6 - See Standard Specifications
⑦ - As shown on plans
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9 - Foliage Protector required
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11 - Root Barrier required
12 - State-Furnished

DESIGN PLANS FOR OFFSITE MITIGATION WETLAND ESTABLISHMENT GROUP 1 PLANT LIST

NO SCALE

PL-2

REVISED BY | DATE REVISED
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SENIOR LANDSCAPE ARCHITECT

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® 03 - LANDSCAPE ARCHITECTURE

LAST REVISION 00-00-00 | DATE PLOTTED => 09-JAN-2012 | TIME PLOTTED => 17:59

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	101			

LICENSED LANDSCAPE ARCHITECT

PLANS APPROVAL DATE

LICENSED LANDSCAPE ARCHITECT — Signature — Renewal Date — Date — STATE OF CALIFORNIA

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ABBREVIATIONS

AMEND — amendment
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Ft — foot/feet
SQFT — square feet
CF — cubic feet
Max — maximum
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NCN — no common name
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NOTE:

Underlined portions of botanical name indicate abbreviations used on Planting Plans.

1. PLANT SIZE "T4" IS EQUIVALENT TO "TREE POT," 4" x 14."
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3. PLANT SIZE "LINER" IS EQUIVALENT TO "TREE BAND."

WETLAND INDICATOR STATUS	DEFINITION
OBL	Obligate, almost always occurs in wetlands (>= 99 %)
FACW	Faculative wetland, usually occurs in wetlands (66-99%)
FAC+	Faculative, can occur in wetlands. can tolerate wetter conditions then FAC
FAC	Faculative, equally likely to occur in wetlands / nonwetlands (34 - 66%)
FAC b	Not assigned status but appears to be at least FAC

PLANT LIST AND PLANTING SPECIFICATIONS - FOR WETLAND ESTABLISHMENT NIESEN (WET MEADOW) WEG1-3

PLANT GROUP	PLANT No.	SYMBOL	BOTANICAL NAME	COMMON NAME	SIZE	QUANTITY EACH	HOLE SIZE (INCH) Dia	HOLE SIZE (INCH) DEPTH	BASIN TYPE	IRON SULFATE	SOIL AMEND ①	COMMERCIAL FERTILIZER ① PLANTING	COMMERCIAL FERTILIZER ① PLT ESTB	BASIN MULCH	STAKING	PLANTING LIMITS MINIMUM DISTANCE (Ft) FROM TRVD WAY	PVMT	FENCE	WALL	PAVED DITCH	EARTH DITCH	ON CENTER (Ft)	REMARKS WETLAND INDICATOR
M	1		CAREX ATHROSTACHYA	SLENDER BEAK SEDGE	LINER ⑦		4.5"	5"	I	-	-	40 g	-	-	-	-	-	-	-	-	-		FACW
	2		CAREX DENSA	DENSE SEDGE	LINER ⑦					-				-	-	-	-	-	-	-	-		OBL
	3		CAREX PRAEGRACILIS	FIELD SAGE	LINER ⑦					-				-	-	-	-	-	-	-	-		FACW
	4		CAREX SUBBRACETETA	SMALL BRACT SEDGE	LINER ⑦					-				-	-	-	-	-	-	-	-		FACW
	5		CAREX TUMULICOLA	FOOTHILL SEDGE	LINER ⑦					-				-	-	-	-	-	-	-	-		FAC
	6		DANTHONIA CALIFORNICA	CALIFORNIA OATGRASS	LINER ⑦					-				-	-	-	-	-	-	-	-		FACW
	7		DESCHAMPSIA DANTHONIODES	ANNUAL HAIRGRASS	LINER ⑦					-				-	-	-	-	-	-	-	-		FACW
	8		EUTHAMIA OCCIDENTALIS	WESTERN GOLDENROD	LINER ⑦					-				-	-	-	-	-	-	-	-		OBL
	9		HORDEUM BRACHYANTHERUM	MEADOW BARLEY	LINER ⑦					-				-	-	-	-	-	-	-	-		FACW
	10		JUNCUS BALTICUS	BALTIC RUSH	LINER ⑦					-				-	-	-	-	-	-	-	-		OBL
	11		JUNCUS ENSIFOLIUS	SWORDLEAF RUSH	LINER ⑦					-				-	-	-	-	-	-	-	-		FACW
	12		JUNCUS PATENS	SPREADING RUSH	LINER ⑦					-				-	-	-	-	-	-	-	-		FAC
	13		JUNCUS TENUIS	SLENDER RUSH	LINER ⑦					-				-	-	-	-	-	-	-	-		FACW
	14		AGROSTIS EXARATA	SPIKE BENTGRASS	LINER ⑦		4.5"	5"	I	-	-	40 g		-	-	-	-	-	-	-	-		FACW

APPLICABLE WHEN CIRCLED:

① - Quantities shown are "per plant" unless shown as SQFT or SQYD application rates
2 - Basin mulch is included with mulch quantities shown on Planting Plan
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6 - See Standard Specifications
7 - As shown on plans
8 - Unless otherwise shown on plans
9 - Foliage Protector required
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11 - Root Barrier required
12 - State-Furnished

DESIGN PLANS FOR OFFSITE MITIGATION WETLAND ESTABLISHMENT GROUP 1 PLANT LIST

NO SCALE

PL-3

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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	101			

LICENSED LANDSCAPE ARCHITECT

PLANS APPROVAL DATE

LICENSED LANDSCAPE ARCHITECT — Signature — Renewal Date — Date — STATE OF CALIFORNIA

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Ft — foot/feet
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NOTE:

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3. PLANT SIZE "LINER" IS EQUIVALENT TO "TREE BAND."

WETLAND INDICATOR STATUS	DEFINITION
OBL	Obligate, almost always occurs in wetlands (>= 99 %)
FACW	Faculative wetland, usually occurs in wetlands (66-99%)
FAC+	Faculative, can occur in wetlands. can tolerate wetter conditions then FAC
FAC	Faculative, equally likely to occur in wetlands / nonwetlands (34 - 66%)
FAC b	Not assigned status but appears to be at least FAC

PLANT LIST AND PLANTING SPECIFICATIONS - FOR WETLAND ESTABLISHMENT WATSON (WET MEADOW) WEG1-4

PLANT GROUP	PLANT No.	SYMBOL	BOTANICAL NAME	COMMON NAME	SIZE	QUANTITY EACH	HOLE SIZE (INCH) Dia	HOLE SIZE (INCH) DEPTH	BASIN TYPE	IRON SULFATE	SOIL AMEND ①	COMMERCIAL FERTILIZER ① PLANTING	COMMERCIAL FERTILIZER ① PLT ESTB	BASIN MULCH	STAKING	PLANTING LIMITS MINIMUM DISTANCE (Ft) FROM TRVD WAY	PVMT	FENCE	WALL	PAVED DITCH	EARTH DITCH	ON CENTER (Ft)	REMARKS WETLAND INDICATOR
M	1		CAMASSIA QUAMASH	CAMAS LILY	LINER ⑦		4.5"	5"	I	-	-	40 g	-	-	-	-	-	-	-	-	-		FACW
	2		CAREX DENSA	DENSE SEDGE	LINER ⑦					-				-	-	-	-	-	-	-	-		OBL
	3		CAREX PRAEGRACILIS	FIELD SEDGE	LINER ⑦					-				-	-	-	-	-	-	-	-		FACW
	4		CAREX TUMULICOLA	FOOTHILL SEDGE	LINER ⑦					-				-	-	-	-	-	-	-	-		FAC
	5		CAREX UNILATERALIS	LATERAL SEDGE	LINER ⑦					-				-	-	-	-	-	-	-	-		FAC
	6		DANTHONIA CALIFORNICA	CALIFORNIA OATGRASS	LINER ⑦					-				-	-	-	-	-	-	-	-		FACW
	7		DESCHAMPSIA DANTHONIODES	ANNUAL HAIRGRASS	LINER ⑦					-				-	-	-	-	-	-	-	-		FACW
	8		HORDEUM BRACHYANTHERUM	MEADOW BARLEY	LINER ⑦					-				-	-	-	-	-	-	-	-		FACW
	9		JUNCUS BALTICUS	BALTIC RUSH	LINER ⑦					-				-	-	-	-	-	-	-	-		OBL
	10		JUNCUS ENSIFOLIUS	SWORDLEAF RUSH	LINER ⑦					-				-	-	-	-	-	-	-	-		FACW
	11		JUNCUS PATENS	SPREADING RUSH	LINER ⑦					-				-	-	-	-	-	-	-	-		FAC
	12		JUNCUS PHAEOCEPHALUS	BROWN HEADED RUSH	LINER ⑦					-				-	-	-	-	-	-	-	-		FACW
	13		JUNCUS TENUIS	SLENDER RUSH	LINER ⑦					-				-	-	-	-	-	-	-	-		FACW
	14		AGROSTIS EXARATA	SPIKE BENTGRASS	LINER ⑦		4.5"	5"	I	-	-	40 g		-	-	-	-	-	-	-	-		FACW

APPLICABLE WHEN CIRCLED:

1 - Quantities shown are "per plant" unless shown as SQFT or SQYD application rates
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4 - See Detail
5 - See Special Provisions
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11 - Root Barrier required
12 - State-Furnished

DESIGN PLANS FOR OFFSITE MITIGATION WETLAND ESTABLISHMENT GROUP 1 PLANT LIST

NO SCALE

PL-4

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SENIOR LANDSCAPE ARCHITECT

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® 03 - LANDSCAPE ARCHITECTURE

LAST REVISION 00-00-00 | DATE PLOTTED => 09-JAN-2012 | TIME PLOTTED => 17:59

PLANT LIST AND PLANTING SPECIFICATIONS

NOTE:

3) THIS SPECIES APPLIES TO WETLAND RESTORATION (TYPE3).
4) THIS SPECIES APPLIES TO WETLAND RESTORATION (TYPE4).

WETLAND INDICATOR STATUS	DEFINITION
OBL	Obligate, almost always occurs in wetlands (>= 99 %)
FACW	Faculative wetland, usually occurs in wetlands (66-99%)
FAC+	Faculative, can occur in wetlands. can tolerate wetter conditions then FAC
FAC	Faculative, equally likely to occur in wetlands / nonwetlands (34 - 66%)
FAC b	Not assigned status but appears to be at least FAC

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	101			

LICENSED LANDSCAPE ARCHITECT

PLANS APPROVAL DATE

LICENSED LANDSCAPE ARCHITECT
Signature
Renewal Date
Date
STATE OF CALIFORNIA

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BENBOW APN 007-010-04

BOTANICAL NAME (COMMON NAME)	WETLAND INDICATOR STATUS
CAREX ATHROSTACHYA (SLENDERBEAK SEDGE)	FACW
CAREX DENSA (DENSE SEDGE)	OBL
CAREX PREAGRACILIS (CLUSTERED FIELD SEDGE)	FACW
JUNCUS OCCIDENTALIS (WESTERN RUSH)	FACW
JUNCUS PATENS (COMMON RUSH)	FACW
JUNCUS TENUIS (SLENDER RUSH)	FACW
PLEUROPOGON CALIFORNICUS (ANNUAL SEMAPHOREGRASS)	OBL
3),4) QUERCUS LOBATA (VALLEY OAK)	FAC
4) ARTEMESA DOUGLASIANA (MUG WORT)	FACW
4) FRAXINUS LATIFOLIA (OREGON ASH)	FACW
4) ROSA CALIFORNIA (CALIFORNIA ROSE)	FAC
4) RUBUS LEUCODERMIS (WHITE BARK RASBERRY)	FAC
4) CALYCANTHUS OCCIDENTALIS (SPICE BUSH)	FAC
4) SAMBUCUS NIGRA SSP. CAERULEA (BLUE ELDERBERRY)	FAC
JUNCUS EFFUSUS (BOG RUSH)	OBL
SCIRPUS MICROCARPUS (SMALL FRUIT BULLBUSH)	OBL

BENBOW APN 007-020-03

BOTANICAL NAME (COMMON NAME)	WETLAND INDICATOR STATUS
CAREX ATHROSTACHYA (SLENDERBEAK SEDGE)	FACW
CAREX DENSA (DENSE SEDGE)	OBL
CAREX PREAGRACILIS (CLUSTERED FIELD SEDGE)	FACW
JUNCUS OCCIDENTALIS (WESTERN RUSH)	FACW
JUNCUS PATENS (COMMON RUSH)	FACW
JUNCUS TENUIS (SLENDER RUSH)	FACW
PLEUROPOGON CALIFORNICUS (ANNUAL SEMAPHOREGRASS)	OBL
3),4) QUERCUS LOBATA (VALLEY OAK)	FAC
4) ARTEMESA DOUGLASIANA (MUG WORT)	FACW
4) FRAXINUS LATIFOLIA (OREGON ASH)	FACW
4) ROSA CALIFORNIA (CALIFORNIA ROSE)	FAC
4) RUBUS LEUCODERMIS (WHITE BARK RASBERRY)	FAC
4) CALYCANTHUS OCCIDENTALIS (SPICE BUSH)	FAC
4) SAMBUCUS NIGRA SSP. CAERULEA (BLUE ELDERBERRY)	FAC
JUNCUS EFFUSUS (BOG RUSH)	OBL
SCIRPUS MICROCARPUS (SMALL FRUIT BULLBUSH)	OBL
EQUISETUM ARVENSE (FIELD HORSETAIL)	FAC

BENBOW APN 108-020-06

BOTANICAL NAME (COMMON NAME)	WETLAND INDICATOR STATUS
CAREX ATHROSTACHYA (SLENDERBEAK SEDGE)	FACW
CAREX DENSA (DENSE SEDGE)	OBL
CAREX PREAGRACILIS (CLUSTERED FIELD SEDGE)	FACW
JUNCUS OCCIDENTALIS (WESTERN RUSH)	FACW
JUNCUS PATENS (COMMON RUSH)	FACW
JUNCUS TENUIS (SLENDER RUSH)	FACW
PLEUROPOGON CALIFORNICUS (ANNUAL SEMAPHOREGRASS)	OBL
3),4) QUERCUS LOBATA (VALLEY OAK)	FAC
4) ARTEMESA DOUGLASIANA (MUG WORT)	FACW
4) FRAXINUS LATIFOLIA (OREGON ASH)	FACW
4) ROSA CALIFORNIA (CALIFORNIA ROSE)	FAC
4) RUBUS LEUCODERMIS (WHITE BARK RASBERRY)	FAC
4) CALYCANTHUS OCCIDENTALIS (SPICE BUSH)	FAC
4) SAMBUCUS NIGRA SSP. CAERULEA (BLUE ELDERBERRY)	FAC
JUNCUS EFFUSUS (BOG RUSH)	OBL
SCIRPUS MICROCARPUS (SMALL FRUIT BULLBUSH)	OBL

BENBOW APN 108-040-13

BOTANICAL NAME (COMMON NAME)	WETLAND INDICATOR STATUS
CAREX ATHROSTACHYA (SLENDERBEAK SEDGE)	FACW
CAREX DENSA (DENSE SEDGE)	OBL
CAREX PREAGRACILIS (CLUSTERED FIELD SEDGE)	FACW
JUNCUS OCCIDENTALIS (WESTERN RUSH)	FACW
JUNCUS PATENS (COMMON RUSH)	FACW
JUNCUS TENUIS (SLENDER RUSH)	FACW
PLEUROPOGON CALIFORNICUS (ANNUAL SEMAPHOREGRASS)	OBL
3),4) QUERCUS LOBATA (VALLEY OAK)	FAC
4) ARTEMESA DOUGLASIANA (MUG WORT)	FACW
4) FRAXINUS LATIFOLIA (OREGON ASH)	FACW
4) ROSA CALIFORNIA (CALIFORNIA ROSE)	FAC
4) RUBUS LEUCODERMIS (WHITE BARK RASBERRY)	FAC
4) CALYCANTHUS OCCIDENTALIS (SPICE BUSH)	FAC
4) SAMBUCUS NIGRA SSP. CAERULEA (BLUE ELDERBERRY)	FAC
JUNCUS EFFUSUS (BOG RUSH)	OBL
SCIRPUS MICROCARPUS (SMALL FRUIT BULLBUSH)	OBL

BENBOW APN 108-030-07

BOTANICAL NAME (COMMON NAME)	WETLAND INDICATOR STATUS
CAREX ATHROSTACHYA (SLENDERBEAK SEDGE)	FACW
CAREX DENSA (DENSE SEDGE)	OBL
CAREX PREAGRACILIS (CLUSTERED FIELD SEDGE)	FACW
JUNCUS OCCIDENTALIS (WESTERN RUSH)	FACW
JUNCUS PATENS (COMMON RUSH)	FACW
JUNCUS TENUIS (SLENDER RUSH)	FACW
3),4) QUERCUS LOBATA (VALLEY OAK)	FAC
4) ARTEMESA DOUGLASIANA (MUG WORT)	FACW
4) FRAXINUS LATIFOLIA (OREGON ASH)	FACW
4) ROSA CALIFORNIA (CALIFORNIA ROSE)	FAC
4) RUBUS LEUCODERMIS (WHITE BARK RASBERRY)	FAC
4) CALYCANTHUS OCCIDENTALIS (SPICE BUSH)	FAC
4) SAMBUCUS NIGRA SSP. CAERULEA (BLUE ELDERBERRY)	FAC
JUNCUS EFFUSUS (BOG RUSH)	OBL
SCIRPUS MICROCARPUS (SMALL FRUIT BULLBUSH)	OBL
EQUISETUM ARVENSE (FIELD HORSETAIL)	FAC

WETLAND ESTABLISHMENT
GROUP 2

WETLAND RESTORATION
TYPE 3
TYPE 4

NO SCALE

PLANT LIST
PL-5

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LAST REVISION 00-00-00 | DATE PLOTTED => 09-JAN-2012 | TIME PLOTTED => 17:59

PLANT LIST AND PLANTING SPECIFICATIONS

NOTE:

3) THIS SPECIES APPLIES TO WETLAND RESTORATION (TYPE3).
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WETLAND INDICATOR STATUS	DEFINITION
OBL	Obligate, almost always occurs in wetlands (>= 99 %)
FACW	Faculative wetland, usually occurs in wetlands (66-99%)
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01	Men	101			

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PLANS APPROVAL DATE

LICENSED LANDSCAPE ARCHITECT
Signature
Renewal Date
Date
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FORD
APN 108-020-04

BOTANICAL NAME (COMMON NAME)	WETLAND INDICATOR STATUS
CAREX ATHROSTACHYA (SLENDERBEAK SEDGE)	FACW
CAREX DENSA (DENSE SEDGE)	OBL
CAREX PREAGRACILIS (CLUSTERED FIELD SEDGE)	FACW
JUNCUS OCCIDENTALIS (WESTERN RUSH)	FACW
JUNCUS PATENS (COMMON RUSH)	FACW
JUNCUS PHAEOCEPHALUS (BROWNHEAD RUSH)	FACW
JUNCUS TENUIS (SLENDER RUSH)	OBL
JUNCUS XIPHIOIDES (IRISLEAF RUSH)	OBL
PLEUROPOGON CALIFORNICUS (ANNUAL SEMAPHOREGRASS)	OBL
3),4) QUERCUS LOBATA (VALLEY OAK)	FAC
4) ARTEMESA DOUGLASIANA (MUG WORT)	FACW
4) FRAXINUS LATIFOLIA (OREGON ASH)	FACW
4) ROSA CALIFORNIA (CALIFORNIA ROSE)	FAC
4) RUBUS LEUCODERMIS (WHITE BARK RASBERRY)	FAC
4) CALYCANTHUS OCCIDENTALIS (SPICE BUSH)	FAC
4) SAMBUCUS NIGRA SSP. CAERULEA (BLUE ELDERBERRY)	FAC

FORD
APN 108-030-02

BOTANICAL NAME (COMMON NAME)	WETLAND INDICATOR STATUS
CAREX ATHROSTACHYA (SLENDERBEAK SEDGE)	FACW
CAREX DENSA (DENSE SEDGE)	OBL
CAREX PREAGRACILIS (CLUSTERED FIELD SEDGE)	FACW
JUNCUS OCCIDENTALIS (WESTERN RUSH)	FACW
JUNCUS PATENS (COMMON RUSH)	FACW
JUNCUS TENUIS (SLENDER RUSH)	FACW
PLEUROPOGON CALIFORNICUS (ANNUAL SEMAPHOREGRASS)	OBL
3),4) QUERCUS LOBATA (VALLEY OAK)	FAC
4) ARTEMESA DOUGLASIANA (MUG WORT)	FACW
4) FRAXINUS LATIFOLIA (OREGON ASH)	FACW
4) ROSA CALIFORNIA (CALIFORNIA ROSE)	FAC
4) RUBUS LEUCODERMIS (WHITE BARK RASBERRY)	FAC
4) CALYCANTHUS OCCIDENTALIS (SPICE BUSH)	FAC
4) SAMBUCUS NIGRA SSP. CAERULEA (BLUE ELDERBERRY)	FAC
JUNCUS EFFUSUS (BOG RUSH)	OBL
SCIRPUS MICROCARPUS (SMALL FRUIT BULLBUSH)	OBL
EQUISETUM ARVENSE (FIELD HORSETAIL)	FAC
DANTHONIA CALIFORNICA (CALIFORNIA OATGRASS)	FACW

FORD
APN 108-030-05

BOTANICAL NAME (COMMON NAME)	WETLAND INDICATOR STATUS
CAREX ATHROSTACHYA (SLENDERBEAK SEDGE)	FACW
CAREX DENSA (DENSE SEDGE)	OBL
CAREX PREAGRACILIS (CLUSTERED FIELD SEDGE)	FACW
JUNCUS OCCIDENTALIS (WESTERN RUSH)	FACW
JUNCUS PATENS (COMMON RUSH)	FACW
JUNCUS PHAEOCEPHALUS (BROWNHEAD RUSH)	FACW
JUNCUS TENUIS (SLENDER RUSH)	OBL
JUNCUS XIPHIOIDES (IRISLEAF RUSH)	OBL
PLEUROPOGON CALIFORNICUS (ANNUAL SEMAPHOREGRASS)	OBL
3),4) QUERCUS LOBATA (VALLEY OAK)	FAC
4) ARTEMESA DOUGLASIANA (MUG WORT)	FACW
4) FRAXINUS LATIFOLIA (OREGON ASH)	FACW
4) ROSA CALIFORNIA (CALIFORNIA ROSE)	FAC
4) RUBUS LEUCODERMIS (WHITE BARK RASBERRY)	FAC
4) CALYCANTHUS OCCIDENTALIS (SPICE BUSH)	FAC
4) SAMBUCUS NIGRA SSP. CAERULEA (BLUE ELDERBERRY)	FAC

WETLAND ESTABLISHMENT
GROUP 2

WETLAND RESTORATION
TYPE 3
TYPE 4

NO SCALE

PLANT LIST
PL-6

REVISED BY | DATE REVISED
CALCULATED-DESIGNED BY | CHECKED BY
SENIOR LANDSCAPE ARCHITECT

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® 03 - LANDSCAPE ARCHITECTURE

LAST REVISION 00-00-00 | DATE PLOTTED => 09-JAN-2012 | TIME PLOTTED => 17:59

PLANT LIST AND PLANTING SPECIFICATIONS

NOTE:

3) THIS SPECIES APPLIES TO WETLAND RESTORATION (TYPE3).
4) THIS SPECIES APPLIES TO WETLAND RESTORATION (TYPE4).

WETLAND INDICATOR STATUS	DEFINITION
OBL	Obligate, almost always occurs in wetlands (>= 99 %)
FACW	Faculative wetland, usually occurs in wetlands (66-99%)
FAC+	Faculative, can occur in wetlands. can tolerate wetter conditions then FAC
FAC	Faculative, equally likely to occur in wetlands / nonwetlands (34 - 66%)
FAC b	Not assigned status but appears to be at least FAC

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	101			

LICENSED LANDSCAPE ARCHITECT

PLANS APPROVAL DATE

LICENSED LANDSCAPE ARCHITECT
Signature
Renewal Date
Date
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.

LUSHER
APN 108-030-04

BOTANICAL NAME (COMMON NAME)	WETLAND INDICATOR STATUS
CAREX ATHROSTACHYA (SLENDERBEAK SEDGE)	FACW
CAREX DENSA (DENSE SEDGE)	OBL
CAREX PREAGRACILIS (CLUSTERED FIELD SEDGE)	FACW
JUNCUS OCCIDENTALIS (WESTERN RUSH)	FACW
JUNCUS PATENS (COMMON RUSH)	FACW
JUNCUS PHAEOCEPHALUS (BROWNHEAD RUSH)	FACW
JUNCUS TENUIS (SLENDER RUSH)	OBL
PLEUROPOGON CALIFORNICUS (ANNUAL SEMAPHOREGRASS)	OBL
3),4) QUERCUS LOBATA (VALLEY OAK)	FAC
4) ARTEMESA DOUGLASIANA (MUG WORT)	FACW
4) FRAXINUS LATIFOLIA (OREGON ASH)	FACW
4) ROSA CALIFORNIA (CALIFORNIA ROSE)	FAC
4) RUBUS LEUCODERMIS (WHITE BARK RASBERRY)	FAC
4) CALYCANTHUS OCCIDENTALIS (SPICE BUSH)	FAC
4) SAMBUCUS NIGRA SSP. CAERULEA (BLUE ELDERBERRY)	FAC
JUNCUS EFFUSUS (BOG RUSH)	OBL

MGC PLASMA - MIDDLE
APN 103-250-14

BOTANICAL NAME (COMMON NAME)	WETLAND INDICATOR STATUS
CAREX ATHROSTACHYA (SLENDERBEAK SEDGE)	FACW
CAREX DENSA (DENSE SEDGE)	OBL
CAREX PREAGRACILIS (CLUSTERED FIELD SEDGE)	FACW
JUNCUS OCCIDENTALIS (WESTERN RUSH)	FACW
JUNCUS PATENS (COMMON RUSH)	FACW
JUNCUS TENUIS (SLENDER RUSH)	FACW
PLEUROPOGON CALIFORNICUS (ANNUAL SEMAPHOREGRASS)	OBL
3),4) QUERCUS LOBATA (VALLEY OAK)	FAC
4) ARTEMESA DOUGLASIANA (MUG WORT)	FACW
4) FRAXINUS LATIFOLIA (OREGON ASH)	FACW
4) ROSA CALIFORNIA (CALIFORNIA ROSE)	FAC
4) RUBUS LEUCODERMIS (WHITE BARK RASBERRY)	FAC
4) CALYCANTHUS OCCIDENTALIS (SPICE BUSH)	FAC
4) SAMBUCUS NIGRA SSP. CAERULEA (BLUE ELDERBERRY)	FAC
JUNCUS EFFUSUS (BOG RUSH)	OBL
SCIRPUS MICROCARPUS (SMALL FRUIT BULLBUSH)	OBL
EQUISETUM ARVENSE (FIELD HORSETAIL)	FAC

NIESEN
APN 108-040-02

BOTANICAL NAME (COMMON NAME)	WETLAND INDICATOR STATUS
CAREX ATHROSTACHYA (SLENDERBEAK SEDGE)	FACW
CAREX DENSA (DENSE SEDGE)	OBL
CAREX PREAGRACILIS (CLUSTERED FIELD SEDGE)	FACW
JUNCUS OCCIDENTALIS (WESTERN RUSH)	FACW
JUNCUS PATENS (COMMON RUSH)	FACW
JUNCUS TENUIS (SLENDER RUSH)	FACW
PLEUROPOGON CALIFORNICUS (ANNUAL SEMAPHOREGRASS)	OBL
3),4) QUERCUS LOBATA (VALLEY OAK)	FAC
4) ARTEMESA DOUGLASIANA (MUG WORT)	FACW
4) FRAXINUS LATIFOLIA (OREGON ASH)	FACW
4) ROSA CALIFORNIA (CALIFORNIA ROSE)	FAC
4) RUBUS LEUCODERMIS (WHITE BARK RASBERRY)	FAC
4) CALYCANTHUS OCCIDENTALIS (SPICE BUSH)	FAC
4) SAMBUCUS NIGRA SSP. CAERULEA (BLUE ELDERBERRY)	FAC
JUNCUS EFFUSUS (BOG RUSH)	OBL
SCIRPUS MICROCARPUS (SMALL FRUIT BULLBUSH)	OBL

WATSON - EAST
APN 037-221-30

BOTANICAL NAME (COMMON NAME)	WETLAND INDICATOR STATUS
CAREX DENSA (DENSE SEDGE)	OBL
CAREX NEBRASCENSIS (NEBRASKA SEDGE)	OBL
CAREX LEPTOPODA (SLENDER FOOTED SAGE)	FACW
CAREX PREAGRACILIS (CLUSTERED FIELD SEDGE)	FACW
JUNCUS EFFUSES (SOFT RUSH)	OBL
JUNCUS OCCIDENTALIS (WESTERN RUSH)	FACW
JUNCUS PATENS (COMMON RUSH)	FAC
JUNCUS PHAEOCEPHALUS (BROWNHEAD RUSH)	FACW
JUNCUS TENUIS (SLENDER RUSH)	FACW
JUNCUS XIPHIOIDES (IRISLEAF RUSH)	OBL
PLEUROPOGON CALIFORNICUS (ANNUAL SEMAPHOREGRASS)	OBL
3),4) QUERCUS LOBATA (VALLEY OAK)	FAC
4) ARTEMESA DOUGLASIANA (MUG WORT)	FACW
4) FRAXINUS LATIFOLIA (OREGON ASH)	FACW
4) ROSA CALIFORNIA (CALIFORNIA ROSE)	FAC
4) RUBUS LEUCODERMIS (WHITE BARK RASBERRY)	FAC
4) CALYCANTHUS OCCIDENTALIS (SPICE BUSH)	FAC
4) SAMBUCUS NIGRA SSP. CAERULEA (BLUE ELDERBERRY)	FAC

WETLAND ESTABLISHMENT
GROUP 2

WETLAND RESTORATION
TYPE 3
TYPE 4

NO SCALE

PLANT LIST
PL-7

REVISED BY | DATE REVISED
CALCULATED-DESIGNED BY | CHECKED BY
SENIOR LANDSCAPE ARCHITECT
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® 03 - LANDSCAPE ARCHITECTURE

LAST REVISION 00-00-00 | DATE PLOTTED => 09-JAN-2012 | TIME PLOTTED => 17:59

PLANT LIST AND PLANTING SPECIFICATIONS

NOTE:

3) THIS SPECIES APPLIES TO WETLAND RESTORATION (TYPE3).
4) THIS SPECIES APPLIES TO WETLAND RESTORATION (TYPE4).

WETLAND INDICATOR STATUS	DEFINITION
OBL	Obligate, almost always occurs in wetlands (>= 99 %)
FACW	Faculative wetland, usually occurs in wetlands (66-99%)
FAC+	Faculative, can occur in wetlands. can tolerate wetter conditions then FAC
FAC	Faculative, equally likely to occur in wetlands / nonwetlands (34 - 66%)
FAC b	Not assigned status but appears to be at least FAC

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	101			

LICENSED LANDSCAPE ARCHITECT

PLANS APPROVAL DATE

LICENSED LANDSCAPE ARCHITECT
Signature
Renewal Date
Date
STATE OF CALIFORNIA

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WILDLANDS APN 108-020-07

BOTANICAL NAME (COMMON NAME)	WETLAND INDICATOR STATUS
CAREX ATHROSTACHYA (SLENDERBEAK SEDGE)	FACW
CAREX DENSA (DENSE SEDGE)	OBL
CAREX PREAGRACILIS (CLUSTERED FIELD SEDGE)	FACW
JUNCUS OCCIDENTALIS (WESTERN RUSH)	FACW
JUNCUS PATENS (COMMON RUSH)	FACW
JUNCUS TENUIS (SLENDER RUSH)	FACW
PLEUROPOGON CALIFORNICUS (ANNUAL SEMAPHOREGRASS)	OBL
3),4) QUERCUS LOBATA (VALLEY OAK)	FAC
4) ARTEMESA DOUGLASIANA (MUG WORT)	FACW
4) FRAXINUS LATIFOLIA (OREGON ASH)	FACW
4) ROSA CALIFORNIA (CALIFORNIA ROSE)	FAC
4) RUBUS LEUCODERMIS (WHITE BARK RASBERRY)	FAC
4) CALYCANTHUS OCCIDENTALIS (SPICE BUSH)	FAC
4) SAMBUCUS NIGRA SSP. CAERULEA (BLUE ELDERBERRY)	FAC
JUNCUS EFFUSUS (BOG RUSH)	OBL
SCIRPUS MICROCARPUS (SMALL FRUIT BULLBUSH)	OBL

WILDLANDS APN 108-030-08

BOTANICAL NAME (COMMON NAME)	WETLAND INDICATOR STATUS
CAREX ATHROSTACHYA (SLENDERBEAK SEDGE)	FACW
CAREX DENSA (DENSE SEDGE)	OBL
CAREX PREAGRACILIS (CLUSTERED FIELD SEDGE)	FACW
JUNCUS OCCIDENTALIS (WESTERN RUSH)	FACW
JUNCUS PATENS (COMMON RUSH)	FACW
JUNCUS TENUIS (SLENDER RUSH)	FACW
PLEUROPOGON CALIFORNICUS (ANNUAL SEMAPHOREGRASS)	OBL
3),4) QUERCUS LOBATA (VALLEY OAK)	FAC
4) ARTEMESA DOUGLASIANA (MUG WORT)	FACW
4) FRAXINUS LATIFOLIA (OREGON ASH)	FACW
4) ROSA CALIFORNIA (CALIFORNIA ROSE)	FAC
4) RUBUS LEUCODERMIS (WHITE BARK RASBERRY)	FAC
4) CALYCANTHUS OCCIDENTALIS (SPICE BUSH)	FAC
4) SAMBUCUS NIGRA SSP. CAERULEA (BLUE ELDERBERRY)	FAC
JUNCUS EFFUSUS (BOG RUSH)	OBL
SCIRPUS MICROCARPUS (SMALL FRUIT BULLBUSH)	OBL

WILDLANDS APN 108-060-01

BOTANICAL NAME (COMMON NAME)	WETLAND INDICATOR STATUS
CAREX ATHROSTACHYA (SLENDERBEAK SEDGE)	FACW
CAREX DENSA (DENSE SEDGE)	OBL
CAREX PREAGRACILIS (CLUSTERED FIELD SEDGE)	FACW
JUNCUS OCCIDENTALIS (WESTERN RUSH)	FACW
JUNCUS PATENS (COMMON RUSH)	FACW
JUNCUS TENUIS (SLENDER RUSH)	FACW
PLEUROPOGON CALIFORNICUS (ANNUAL SEMAPHOREGRASS)	OBL
3),4) QUERCUS LOBATA (VALLEY OAK)	FAC
4) ARTEMESA DOUGLASIANA (MUG WORT)	FACW
4) FRAXINUS LATIFOLIA (OREGON ASH)	FACW
4) ROSA CALIFORNIA (CALIFORNIA ROSE)	FAC
4) RUBUS LEUCODERMIS (WHITE BARK RASBERRY)	FAC
4) CALYCANTHUS OCCIDENTALIS (SPICE BUSH)	FAC
4) SAMBUCUS NIGRA SSP. CAERULEA (BLUE ELDERBERRY)	FAC
JUNCUS EFFUSUS (BOG RUSH)	OBL
SCIRPUS MICROCARPUS (SMALL FRUIT BULLBUSH)	OBL

WILDLANDS APN 108-070-08

BOTANICAL NAME (COMMON NAME)	WETLAND INDICATOR STATUS
CAREX ATHROSTACHYA (SLENDERBEAK SEDGE)	FACW
CAREX DENSA (DENSE SEDGE)	OBL
CAREX PREAGRACILIS (CLUSTERED FIELD SEDGE)	FACW
JUNCUS OCCIDENTALIS (WESTERN RUSH)	FACW
JUNCUS PATENS (COMMON RUSH)	FACW
JUNCUS TENUIS (SLENDER RUSH)	FACW
PLEUROPOGON CALIFORNICUS (ANNUAL SEMAPHOREGRASS)	OBL
3),4) QUERCUS LOBATA (VALLEY OAK)	FAC
4) ARTEMESA DOUGLASIANA (MUG WORT)	FACW
4) FRAXINUS LATIFOLIA (OREGON ASH)	FACW
4) ROSA CALIFORNIA (CALIFORNIA ROSE)	FAC
4) RUBUS LEUCODERMIS (WHITE BARK RASBERRY)	FAC
4) CALYCANTHUS OCCIDENTALIS (SPICE BUSH)	FAC
4) SAMBUCUS NIGRA SSP. CAERULEA (BLUE ELDERBERRY)	FAC
JUNCUS EFFUSUS (BOG RUSH)	OBL
SCIRPUS MICROCARPUS (SMALL FRUIT BULLBUSH)	OBL

WILDLANDS APN 108-070-09

BOTANICAL NAME (COMMON NAME)	WETLAND INDICATOR STATUS
CAREX ATHROSTACHYA (SLENDERBEAK SEDGE)	FACW
CAREX DENSA (DENSE SEDGE)	OBL
CAREX PREAGRACILIS (CLUSTERED FIELD SEDGE)	FACW
JUNCUS OCCIDENTALIS (WESTERN RUSH)	FACW
JUNCUS PATENS (COMMON RUSH)	FACW
JUNCUS TENUIS (SLENDER RUSH)	FACW
PLEUROPOGON CALIFORNICUS (ANNUAL SEMAPHOREGRASS)	OBL
3),4) QUERCUS LOBATA (VALLEY OAK)	FAC
4) ARTEMESA DOUGLASIANA (MUG WORT)	FACW
4) FRAXINUS LATIFOLIA (OREGON ASH)	FACW
4) ROSA CALIFORNIA (CALIFORNIA ROSE)	FAC
4) RUBUS LEUCODERMIS (WHITE BARK RASBERRY)	FAC
4) CALYCANTHUS OCCIDENTALIS (SPICE BUSH)	FAC
4) SAMBUCUS NIGRA SSP. CAERULEA (BLUE ELDERBERRY)	FAC
JUNCUS EFFUSUS (BOG RUSH)	OBL
SCIRPUS MICROCARPUS (SMALL FRUIT BULLBUSH)	OBL

WETLAND ESTABLISHMENT
GROUP 2

WETLAND RESTORATION
TYPE 3
TYPE 4

NO SCALE

PLANT LIST
PL-8

REVISED BY | DATE REVISED
CALCULATED-DESIGNED BY | CHECKED BY
SENIOR LANDSCAPE ARCHITECT

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® 03 - LANDSCAPE ARCHITECTURE

LAST REVISION 00-00-00 | DATE PLOTTED => 09-JAN-2012 | TIME PLOTTED => 17:59

PLANT LIST AND PLANTING SPECIFICATIONS

WETLAND INDICATOR STATUS	DEFINITION
OBL	Obligate, almost always occurs in wetlands (>= 99 %)
FACW	Faculative wetland, usually occurs in wetlands (66-99%)
FAC+	Faculative, can occur in wetlands. can tolerate wetter conditions then FAC
FAC	Faculative, equally likely to occur in wetlands / nonwetlands (34 - 66%)
FAC b	Not assigned status but appears to be at least FAC

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	101			

LICENSED LANDSCAPE ARCHITECT

PLANS APPROVAL DATE

LICENSED LANDSCAPE ARCHITECT
Signature
Renewal Date
Date
STATE OF CALIFORNIA

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BENBOW APN 007-010-04

BOTANICAL NAME (COMMON NAME)	WETLAND INDICATOR STATUS
ACER NEGUNDO (BOXELDER MAPLE)	FAC
ALNUS RHOMBIFOLIA (WHITE ALDER)	FACW
ARTEMESIA DOUGLASIANA (MUGWORT)	FACW
CORNUS GLABRATA (BROWN TWIG DOGWOOD)	FAC
CORNUS SERICIEA (RED OSIER DOGWOOD)	FACW
FRAXINUS LATIFOLIA (OREGON ASH)	FACW
PHYSOCARPUS CAPITATUS (PACIFIC NINEBARK)	FACW
QUERCUS LOBATA (VALLEY OAK)	FAC
ROSA CALIFORNICA (CALIFORNIA WILD ROSE)	FAC+
RUBUS URSINUS (CALIFORNIA BLACKBERRY)	FACW
SALIX EXIGUA (SANDBAR WILLOW)	OBL
SALIX LASIOLEPIS (ARROYO WILLOW)	FACW
SALIX LUCIDA LASIANDRA (PACIFIC WILLOW)	OBL
TOXICODENDRON DIVERSILOBUM (WESTERN POISON OAK)	FAC b
UMBELLULARIA CALIFORNICA (CALIFORNIA BAYNUT)	FAC

BENBOW APN 007-020-03

BOTANICAL NAME (COMMON NAME)	WETLAND INDICATOR STATUS
ACER NEGUNDO (BOXELDER MAPLE)	FAC
ALNUS RHOMBIFOLIA (WHITE ALDER)	FACW
ARTEMESIA DOUGLASIANA (MUGWORT)	FACW
CORNUS GLABRATA (BROWN TWIG DOGWOOD)	FAC
CORNUS SERICIEA (RED OSIER DOGWOOD)	FACW
FRAXINUS LATIFOLIA (OREGON ASH)	FACW
PHYSOCARPUS CAPITATUS (PACIFIC NINEBARK)	FACW
QUERCUS LOBATA (VALLEY OAK)	FAC
ROSA CALIFORNICA (CALIFORNIA WILD ROSE)	FAC+
RUBUS URSINUS (CALIFORNIA BLACKBERRY)	FACW
SALIX EXIGUA (SANDBAR WILLOW)	OBL
SALIX LASIOLEPIS (ARROYO WILLOW)	FACW
SALIX LUCIDA LASIANDRA (PACIFIC WILLOW)	OBL
TOXICODENDRON DIVERSILOBUM (WESTERN POISON OAK)	FAC b
UMBELLULARIA CALIFORNICA (CALIFORNIA BAYNUT)	FAC

BENBOW APN 108-040-13

BOTANICAL NAME (COMMON NAME)	WETLAND INDICATOR STATUS
ACER NEGUNDO (BOXELDER MAPLE)	FAC
ALNUS RHOMBIFOLIA (WHITE ALDER)	FACW
ARTEMESIA DOUGLASIANA (MUGWORT)	FACW
CORNUS GLABRATA (BROWN TWIG DOGWOOD)	FAC
CORNUS SERICIEA (RED OSIER DOGWOOD)	FACW
FRAXINUS LATIFOLIA (OREGON ASH)	FACW
PHYSOCARPUS CAPITATUS (PACIFIC NINEBARK)	FACW
QUERCUS LOBATA (VALLEY OAK)	FAC
ROSA CALIFORNICA (CALIFORNIA WILD ROSE)	FAC+
RUBUS URSINUS (CALIFORNIA BLACKBERRY)	FACW
SALIX EXIGUA (SANDBAR WILLOW)	OBL
SALIX LASIOLEPIS (ARROYO WILLOW)	FACW
SALIX LUCIDA LASIANDRA (PACIFIC WILLOW)	OBL
TOXICODENDRON DIVERSILOBUM (WESTERN POISON OAK)	FAC b
UMBELLULARIA CALIFORNICA (CALIFORNIA BAYNUT)	FAC

WETLAND REHABILITATION
TYPE 5

RIPARIAN CORRIDORS
OTHER WATERS (CREDIT)
OTHER WATERS (NO CREDIT)

NO SCALE

PLANT LIST

PL-9

REVISED BY | DATE REVISED
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SENIOR LANDSCAPE ARCHITECT

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® 03 - LANDSCAPE ARCHITECTURE

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PLANT LIST AND PLANTING SPECIFICATIONS

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OBL	Obligate, almost always occurs in wetlands (>= 99 %)
FACW	Faculative wetland, usually occurs in wetlands (66-99%)
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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	101			

LICENSED LANDSCAPE ARCHITECT

PLANS APPROVAL DATE

LICENSED LANDSCAPE ARCHITECT
Signature
Renewal Date
Date
STATE OF CALIFORNIA

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FORD APN 108-010-05

BOTANICAL NAME (COMMON NAME)	WETLAND INDICATOR STATUS
ACER NEGUNDO (BOXELDER MAPLE)	FAC
ALNUS RHOMBIFOLIA (WHITE ALDER)	FACW
ARTEMESIA DOUGLASIANA (MUGWORT)	FACW
CORNUS GLABRATA (BROWN TWIG DOGWOOD)	FAC
CORNUS SERICIEA (RED OSIER DOGWOOD)	FACW
FRAXINUS LATIFOLIA (OREGON ASH)	FACW
PHYSOCARPUS CAPITATUS (PACIFIC NINEBARK)	FACW
QUERCUS LOBATA (VALLEY OAK)	FAC
ROSA CALIFORNICA (CALIFORNIA WILD ROSE)	FAC+
RUBUS URSINUS (CALIFORNIA BLACKBERRY)	FACW
SALIX EXIGUA (SANDBAR WILLOW)	OBL
SALIX LASIOLEPIS (ARROYO WILLOW)	FACW
SALIX LUCIDA LASIANDRA (PACIFIC WILLOW)	OBL
TOXICODENDRON DIVERSILOBUM (WESTERN POISON OAK)	FAC b
UMBELLULARIA CALIFORNICA (CALIFORNIA BAYNUT)	FAC

FORD APN 108-010-06

BOTANICAL NAME (COMMON NAME)	WETLAND INDICATOR STATUS
ALNUS RHOMBIFOLIA (WHITE ALDER)	FACW
ARTEMESIA DOUGLASIANA (MUGWORT)	FACW
CORNUS GLABRATA (BROWN TWIG DOGWOOD)	FAC
CORNUS SERICIEA (RED OSIER DOGWOOD)	FACW
FRAXINUS LATIFOLIA (OREGON ASH)	FACW
PHYSOCARPUS CAPITATUS (PACIFIC NINEBARK)	FACW
POPULUS FREMONTII (FREMONT COTTONWOOD)	FACW
POPULUS BALSAMIFERA (BLACK COTTONWOOD)	FAC
QUERCUS LOBATA (VALLEY OAK)	FAC
ROSA CALIFORNICA (CALIFORNIA WILD ROSE)	FAC+
RUBUS URSINUS (CALIFORNIA BLACKBERRY)	FACW
SALIX EXIGUA (SANDBAR WILLOW)	OBL
SALIX LASIOLEPIS (ARROYO WILLOW)	FACW
SALIX LUCIDA LASIANDRA (PACIFIC WILLOW)	OBL
TOXICODENDRON DIVERSILOBUM (WESTERN POISON OAK)	FAC b

FORD APN 108-020-04

BOTANICAL NAME (COMMON NAME)	WETLAND INDICATOR STATUS
ALNUS RHOMBIFOLIA (WHITE ALDER)	FACW
ARTEMESIA DOUGLASIANA (MUGWORT)	FACW
CORNUS GLABRATA (BROWN TWIG DOGWOOD)	FAC
CORNUS SERICIEA (RED OSIER DOGWOOD)	FACW
FRAXINUS LATIFOLIA (OREGON ASH)	FACW
PHYSOCARPUS CAPITATUS (PACIFIC NINEBARK)	FACW
POPULUS FREMONTII (FREMONT COTTONWOOD)	FACW
POPULUS BALSAMIFERA (BLACK COTTONWOOD)	FAC
QUERCUS LOBATA (VALLEY OAK)	FAC
ROSA CALIFORNICA (CALIFORNIA WILD ROSE)	FAC+
RUBUS URSINUS (CALIFORNIA BLACKBERRY)	FACW
SALIX EXIGUA (SANDBAR WILLOW)	OBL
SALIX LASIOLEPIS (ARROYO WILLOW)	FACW
SALIX LUCIDA LASIANDRA (PACIFIC WILLOW)	OBL
TOXICODENDRON DIVERSILOBUM (WESTERN POISON OAK)	FAC b

FORD APN 108-030-02

BOTANICAL NAME (COMMON NAME)	WETLAND INDICATOR STATUS
ACER NEGUNDO (BOXELDER MAPLE)	FAC
ALNUS RHOMBIFOLIA (WHITE ALDER)	FACW
ARTEMESIA DOUGLASIANA (MUGWORT)	FACW
CORNUS GLABRATA (BROWN TWIG DOGWOOD)	FAC
CORNUS SERICIEA (RED OSIER DOGWOOD)	FACW
FRAXINUS LATIFOLIA (OREGON ASH)	FACW
PHYSOCARPUS CAPITATUS (PACIFIC NINEBARK)	FACW
QUERCUS LOBATA (VALLEY OAK)	FAC
ROSA CALIFORNICA (CALIFORNIA WILD ROSE)	FAC+
RUBUS URSINUS (CALIFORNIA BLACKBERRY)	FACW
SALIX EXIGUA (SANDBAR WILLOW)	OBL
SALIX LASIOLEPIS (ARROYO WILLOW)	FACW
SALIX LUCIDA LASIANDRA (PACIFIC WILLOW)	OBL
TOXICODENDRON DIVERSILOBUM (WESTERN POISON OAK)	FAC b
UMBELLULARIA CALIFORNICA (CALIFORNIA BAYNUT)	FAC

FORD APN 108-030-05

BOTANICAL NAME (COMMON NAME)	WETLAND INDICATOR STATUS
ACER NEGUNDO (BOXELDER MAPLE)	FAC
ALNUS RHOMBIFOLIA (WHITE ALDER)	FACW
ARTEMESIA DOUGLASIANA (MUGWORT)	FACW
CORNUS GLABRATA (BROWN TWIG DOGWOOD)	FAC
CORNUS SERICIEA (RED OSIER DOGWOOD)	FACW
FRAXINUS LATIFOLIA (OREGON ASH)	FACW
PHYSOCARPUS CAPITATUS (PACIFIC NINEBARK)	FACW
QUERCUS LOBATA (VALLEY OAK)	FAC
ROSA CALIFORNICA (CALIFORNIA WILD ROSE)	FAC+
RUBUS URSINUS (CALIFORNIA BLACKBERRY)	FACW
SALIX EXIGUA (SANDBAR WILLOW)	OBL
SALIX LASIOLEPIS (ARROYO WILLOW)	FACW
SALIX LUCIDA LASIANDRA (PACIFIC WILLOW)	OBL
TOXICODENDRON DIVERSILOBUM (WESTERN POISON OAK)	FAC b
UMBELLULARIA CALIFORNICA (CALIFORNIA BAYNUT)	FAC

WETLAND REHABILITATION
TYPE 5

RIPARIAN CORRIDORS
OTHER WATERS (CREDIT)
OTHER WATERS (NO CREDIT)

NO SCALE

PLANT LIST
PL-10

REVISED BY | DATE REVISED
CALCULATED-DESIGNED BY | CHECKED BY
SENIOR LANDSCAPE ARCHITECT

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® 03 - LANDSCAPE ARCHITECTURE

LAST REVISION 00-00-00 | DATE PLOTTED => 09-JAN-2012 | TIME PLOTTED => 17:59

PLANT LIST AND PLANTING SPECIFICATIONS

WETLAND INDICATOR STATUS	DEFINITION
OBL	Obligate, almost always occurs in wetlands (>= 99 %)
FACW	Faculative wetland, usually occurs in wetlands (66-99%)
FAC+	Faculative, can occur in wetlands. can tolerate wetter conditions then FAC
FAC	Faculative, equally likely to occur in wetlands / nonwetlands (34 - 66%)
FAC b	Not assigned status but appears to be at least FAC

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	101			

LICENSED LANDSCAPE ARCHITECT

PLANS APPROVAL DATE

LICENSED LANDSCAPE ARCHITECT
Signature
Renewal Date
Date
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.

FROST
APN 108-070-04

BOTANICAL NAME (COMMON NAME)	WETLAND INDICATOR STATUS
ACER NEGUNDO (BOXELDER MAPLE)	FAC
ALNUS RHOMBIFOLIA (WHITE ALDER)	FACW
ARTEMESIA DOUGLASIANA (MUGWORT)	FACW
CORNUS GLABRATA (BROWN TWIG DOGWOOD)	FAC
CORNUS SERICIEA (RED OSIER DOGWOOD)	FACW
FRAXINUS LATIFOLIA (OREGON ASH)	FACW
PHYSOCARPUS CAPITATUS (PACIFIC NINEBARK)	FACW
QUERCUS LOBATA (VALLEY OAK)	FAC
ROSA CALIFORNICA (CALIFORNIA WILD ROSE)	FAC+
RUBUS URSINUS (CALIFORNIA BLACKBERRY)	FACW
SALIX EXIGUA (SANDBAR WILLOW)	OBL
SALIX LASIOLEPIS (ARROYO WILLOW)	FACW
SALIX LUCIDA LASIANDRA (PACIFIC WILLOW)	OBL
TOXICODENDRON DIVERSILOBUM (WESTERN POISON OAK)	FAC b
UMBELLULARIA CALIFORNICA (CALIFORNIA BAYNUT)	FAC

LUSHER
APN 108-030-04

BOTANICAL NAME (COMMON NAME)	WETLAND INDICATOR STATUS
ACER NEGUNDO (BOXELDER MAPLE)	FAC
ALNUS RHOMBIFOLIA (WHITE ALDER)	FACW
ARTEMESIA DOUGLASIANA (MUGWORT)	FACW
CORNUS GLABRATA (BROWN TWIG DOGWOOD)	FAC
CORNUS SERICIEA (RED OSIER DOGWOOD)	FACW
FRAXINUS LATIFOLIA (OREGON ASH)	FACW
PHYSOCARPUS CAPITATUS (PACIFIC NINEBARK)	FACW
QUERCUS LOBATA (VALLEY OAK)	FAC
ROSA CALIFORNICA (CALIFORNIA WILD ROSE)	FAC+
RUBUS URSINUS (CALIFORNIA BLACKBERRY)	FACW
SALIX EXIGUA (SANDBAR WILLOW)	OBL
SALIX LASIOLEPIS (ARROYO WILLOW)	FACW
SALIX LUCIDA LASIANDRA (PACIFIC WILLOW)	OBL
TOXICODENDRON DIVERSILOBUM (WESTERN POISON OAK)	FAC b
UMBELLULARIA CALIFORNICA (CALIFORNIA BAYNUT)	FAC

NANCE
APN 108-050-06

BOTANICAL NAME (COMMON NAME)	WETLAND INDICATOR STATUS
ACER NEGUNDO (BOXELDER MAPLE)	FAC
ALNUS RHOMBIFOLIA (WHITE ALDER)	FACW
ARTEMESIA DOUGLASIANA (MUGWORT)	FACW
CORNUS GLABRATA (BROWN TWIG DOGWOOD)	FAC
CORNUS SERICIEA (RED OSIER DOGWOOD)	FACW
FRAXINUS LATIFOLIA (OREGON ASH)	FACW
PHYSOCARPUS CAPITATUS (PACIFIC NINEBARK)	FACW
QUERCUS LOBATA (VALLEY OAK)	FAC
ROSA CALIFORNICA (CALIFORNIA WILD ROSE)	FAC+
RUBUS URSINUS (CALIFORNIA BLACKBERRY)	FACW
SALIX EXIGUA (SANDBAR WILLOW)	OBL
SALIX LASIOLEPIS (ARROYO WILLOW)	FACW
SALIX LUCIDA LASIANDRA (PACIFIC WILLOW)	OBL
TOXICODENDRON DIVERSILOBUM (WESTERN POISON OAK)	FAC b
UMBELLULARIA CALIFORNICA (CALIFORNIA BAYNUT)	FAC

WILDLANDS
APN 108-020-07

BOTANICAL NAME (COMMON NAME)	WETLAND INDICATOR STATUS
ACER NEGUNDO (BOXELDER MAPLE)	FAC
ALNUS RHOMBIFOLIA (WHITE ALDER)	FACW
ARTEMESIA DOUGLASIANA (MUGWORT)	FACW
CORNUS GLABRATA (BROWN TWIG DOGWOOD)	FAC
CORNUS SERICIEA (RED OSIER DOGWOOD)	FACW
FRAXINUS LATIFOLIA (OREGON ASH)	FACW
PHYSOCARPUS CAPITATUS (PACIFIC NINEBARK)	FACW
QUERCUS LOBATA (VALLEY OAK)	FAC
ROSA CALIFORNICA (CALIFORNIA WILD ROSE)	FAC+
RUBUS URSINUS (CALIFORNIA BLACKBERRY)	FACW
SALIX EXIGUA (SANDBAR WILLOW)	OBL
SALIX LASIOLEPIS (ARROYO WILLOW)	FACW
SALIX LUCIDA LASIANDRA (PACIFIC WILLOW)	OBL
TOXICODENDRON DIVERSILOBUM (WESTERN POISON OAK)	FAC b
UMBELLULARIA CALIFORNICA (CALIFORNIA BAYNUT)	FAC

WETLAND REHABILITATION
TYPE 5

RIPARIAN CORRIDORS
OTHER WATERS (CREDIT)
OTHER WATERS (NO CREDIT)

NO SCALE

PLANT LIST
PL-11

REVISED BY | DATE REVISED
CALCULATED-DESIGNED BY | CHECKED BY
SENIOR LANDSCAPE ARCHITECT
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® 03 - LANDSCAPE ARCHITECTURE

LAST REVISION 00-00-00 | DATE PLOTTED => 09-JAN-2012 | TIME PLOTTED => 17:59

PLANT LIST AND PLANTING SPECIFICATIONS

WETLAND INDICATOR STATUS	DEFINITION
OBL	Obligate, almost always occurs in wetlands (>= 99 %)
FACW	Faculative wetland, usually occurs in wetlands (66-99%)
FAC+	Faculative, can occur in wetlands. can tolerate wetter conditions then FAC
FAC	Faculative, equally likely to occur in wetlands / nonwetlands (34 - 66%)
FAC b	Not assigned status but appears to be at least FAC

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	101			

LICENSED LANDSCAPE ARCHITECT

PLANS APPROVAL DATE

LICENSED LANDSCAPE ARCHITECT
Signature
Renewal Date
Date
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.

WILDLANDS APN 108-030-08

BOTANICAL NAME (COMMON NAME)	WETLAND INDICATOR STATUS
ACER NEGUNDO (BOXELDER MAPLE)	FAC
ALNUS RHOMBIFOLIA (WHITE ALDER)	FACW
ARTEMESIA DOUGLASIANA (MUGWORT)	FACW
CORNUS GLABRATA (BROWN TWIG DOGWOOD)	FAC
CORNUS SERICIEA (RED OSIER DOGWOOD)	FACW
FRAXINUS LATIFOLIA (OREGON ASH)	FACW
PHYSOCARPUS CAPITATUS (PACIFIC NINEBARK)	FACW
QUERCUS LOBATA (VALLEY OAK)	FAC
ROSA CALIFORNICA (CALIFORNIA WILD ROSE)	FAC+
RUBUS URSINUS (CALIFORNIA BLACKBERRY)	FACW
SALIX EXIGUA (SANDBAR WILLOW)	OBL
SALIX LASIOLEPIS (ARROYO WILLOW)	FACW
SALIX LUCIDA LASIANDRA (PACIFIC WILLOW)	OBL
TOXICODENDRON DIVERSILOBUM (WESTERN POISON OAK)	FAC b
UMBELLULARIA CALIFORNICA (CALIFORNIA BAYNUT)	FAC

WILDLANDS APN 108-060-01

BOTANICAL NAME (COMMON NAME)	WETLAND INDICATOR STATUS
ACER NEGUNDO (BOXELDER MAPLE)	FAC
ALNUS RHOMBIFOLIA (WHITE ALDER)	FACW
ARTEMESIA DOUGLASIANA (MUGWORT)	FACW
CORNUS GLABRATA (BROWN TWIG DOGWOOD)	FAC
CORNUS SERICIEA (RED OSIER DOGWOOD)	FACW
FRAXINUS LATIFOLIA (OREGON ASH)	FACW
PHYSOCARPUS CAPITATUS (PACIFIC NINEBARK)	FACW
QUERCUS LOBATA (VALLEY OAK)	FAC
ROSA CALIFORNICA (CALIFORNIA WILD ROSE)	FAC+
RUBUS URSINUS (CALIFORNIA BLACKBERRY)	FACW
SALIX EXIGUA (SANDBAR WILLOW)	OBL
SALIX LASIOLEPIS (ARROYO WILLOW)	FACW
SALIX LUCIDA LASIANDRA (PACIFIC WILLOW)	OBL
TOXICODENDRON DIVERSILOBUM (WESTERN POISON OAK)	FAC b
UMBELLULARIA CALIFORNICA (CALIFORNIA BAYNUT)	FAC

WILDLANDS APN 108-060-02

BOTANICAL NAME (COMMON NAME)	WETLAND INDICATOR STATUS
ACER NEGUNDO (BOXELDER MAPLE)	FAC
ALNUS RHOMBIFOLIA (WHITE ALDER)	FACW
ARTEMESIA DOUGLASIANA (MUGWORT)	FACW
CORNUS GLABRATA (BROWN TWIG DOGWOOD)	FAC
CORNUS SERICIEA (RED OSIER DOGWOOD)	FACW
FRAXINUS LATIFOLIA (OREGON ASH)	FACW
PHYSOCARPUS CAPITATUS (PACIFIC NINEBARK)	FACW
QUERCUS LOBATA (VALLEY OAK)	FAC
ROSA CALIFORNICA (CALIFORNIA WILD ROSE)	FAC+
RUBUS URSINUS (CALIFORNIA BLACKBERRY)	FACW
SALIX EXIGUA (SANDBAR WILLOW)	OBL
SALIX LASIOLEPIS (ARROYO WILLOW)	FACW
SALIX LUCIDA LASIANDRA (PACIFIC WILLOW)	OBL
TOXICODENDRON DIVERSILOBUM (WESTERN POISON OAK)	FAC b
UMBELLULARIA CALIFORNICA (CALIFORNIA BAYNUT)	FAC

WILDLANDS APN 108-070-08

BOTANICAL NAME (COMMON NAME)	WETLAND INDICATOR STATUS
ACER NEGUNDO (BOXELDER MAPLE)	FAC
ALNUS RHOMBIFOLIA (WHITE ALDER)	FACW
ARTEMESIA DOUGLASIANA (MUGWORT)	FACW
CORNUS GLABRATA (BROWN TWIG DOGWOOD)	FAC
CORNUS SERICIEA (RED OSIER DOGWOOD)	FACW
FRAXINUS LATIFOLIA (OREGON ASH)	FACW
PHYSOCARPUS CAPITATUS (PACIFIC NINEBARK)	FACW
QUERCUS LOBATA (VALLEY OAK)	FAC
ROSA CALIFORNICA (CALIFORNIA WILD ROSE)	FAC+
RUBUS URSINUS (CALIFORNIA BLACKBERRY)	FACW
SALIX EXIGUA (SANDBAR WILLOW)	OBL
SALIX LASIOLEPIS (ARROYO WILLOW)	FACW
SALIX LUCIDA LASIANDRA (PACIFIC WILLOW)	OBL
TOXICODENDRON DIVERSILOBUM (WESTERN POISON OAK)	FAC b
UMBELLULARIA CALIFORNICA (CALIFORNIA BAYNUT)	FAC

WILDLANDS APN 108-070-09

BOTANICAL NAME (COMMON NAME)	WETLAND INDICATOR STATUS
ACER NEGUNDO (BOXELDER MAPLE)	FAC
ALNUS RHOMBIFOLIA (WHITE ALDER)	FACW
ARTEMESIA DOUGLASIANA (MUGWORT)	FACW
CORNUS GLABRATA (BROWN TWIG DOGWOOD)	FAC
FRAXINUS LATIFOLIA (OREGON ASH)	FACW
PHYSOCARPUS CAPITATUS (PACIFIC NINEBARK)	FACW
POPULUS BALSAMIFERA (BLACK COTTONWOOD)	FAC
QUERCUS LOBATA (VALLEY OAK)	FAC
ROSA CALIFORNICA (CALIFORNIA WILD ROSE)	FAC+
RUBUS URSINUS (CALIFORNIA BLACKBERRY)	FACW
SALIX EXIGUA (SANDBAR WILLOW)	OBL
SALIX LASIOLEPIS (ARROYO WILLOW)	FACW
SALIX LUCIDA LASIANDRA (PACIFIC WILLOW)	OBL
TOXICODENDRON DIVERSILOBUM (WESTERN POISON OAK)	FAC b
UMBELLULARIA CALIFORNICA (CALIFORNIA BAYNUT)	FAC

WETLAND REHABILITATION
TYPE 5

RIPARIAN CORRIDORS
OTHER WATERS (CREDIT)
OTHER WATERS (NO CREDIT)

NO SCALE

PLANT LIST

PL-12

REVISED BY | DATE REVISED
CALCULATED-DESIGNED BY | CHECKED BY
SENIOR LANDSCAPE ARCHITECT

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® 03 - LANDSCAPE ARCHITECTURE

LAST REVISION 00-00-00 | DATE PLOTTED => 09-JAN-2012 | TIME PLOTTED => 17:59

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	101			

LICENSED LANDSCAPE ARCHITECT

PLANS APPROVAL DATE

LICENSED LANDSCAPE ARCHITECT — Signature — Renewal Date — Date — STATE OF CALIFORNIA

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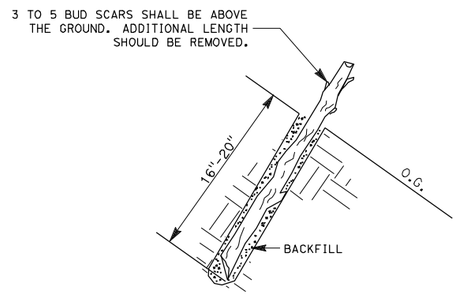
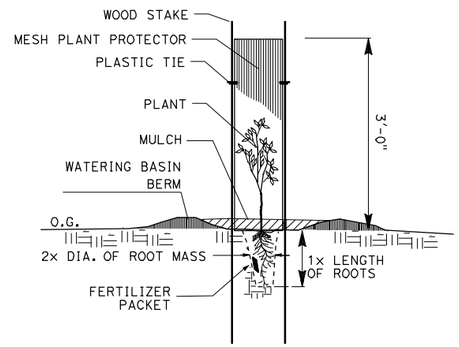


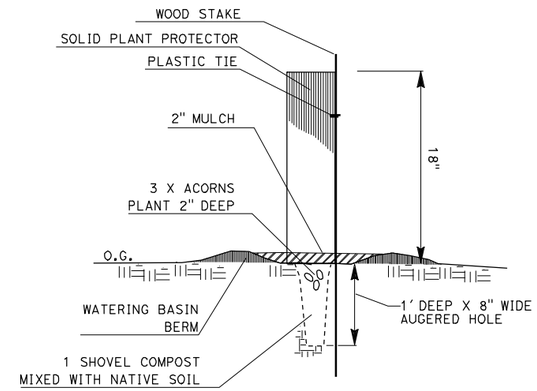
LIVE WILLOW CUTTING PLANTING DETAIL

SECTION



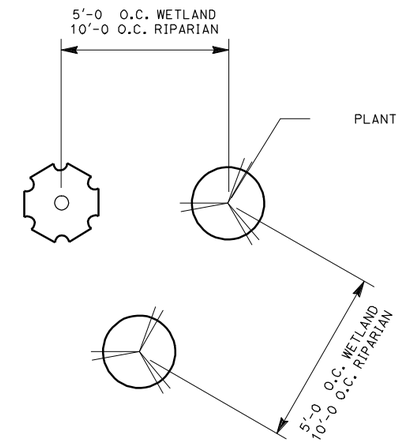
CONTAINERIZED PLANTING DETAIL

SECTION



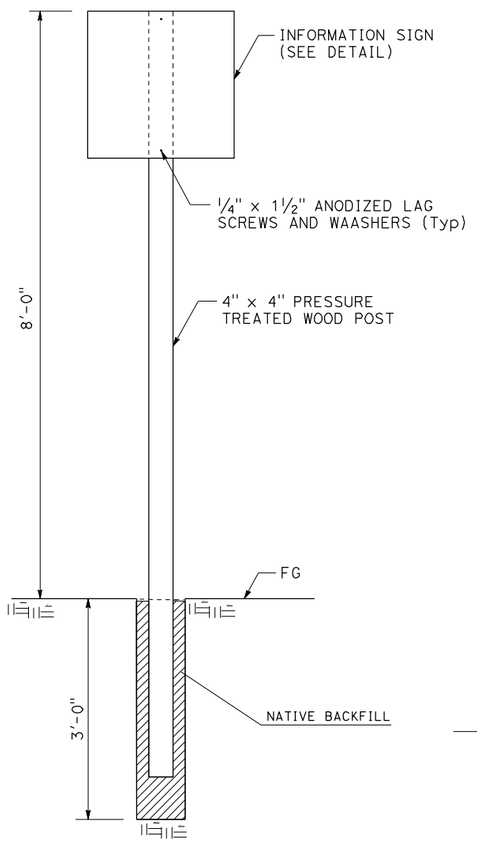
OAK ACORN PLANTING DETAIL

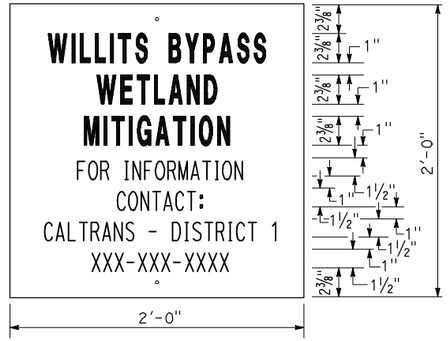
SECTION



CONTAINERIZED PLANT SPACING

PLAN

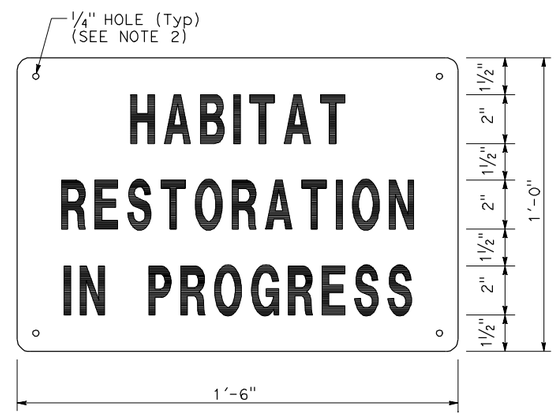




NOTE:

WHITE LETTERS ON BROWN BACKGROUND.

INFORMATION SIGN



NOTES:

1. BLACK LETTERS ON WHITE BACKGROUND.
2. ATTACH SIGN TO BARBED WIRE FENCE USING 11-GAUGE (Min) Galv TIE WIRE OR HIG RING

HABITAT RESTORATION SIGN

PLANTING DETAIL

NO SCALE

PD-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans® 03 - LANDSCAPE ARCHITECTURE

SENIOR LANDSCAPE ARCHITECT

CALCULATED-DESIGNED BY

CHECKED BY

REVISED BY | DATE REVISED

LAST REVISION 00-00-00

DATE PLOTTED => 03-JAN-2012
TIME PLOTTED => 13:08