District	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	HUM	101	1.1 - 2.2	1	20

FOR DESIGN STUDY ONLY

REGISTERED CIVIL ENGINEER DATE

FOR DESIGN STUDY ONLY

PLANS APPROVAL DATE

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Printed: 14-OCT-2008

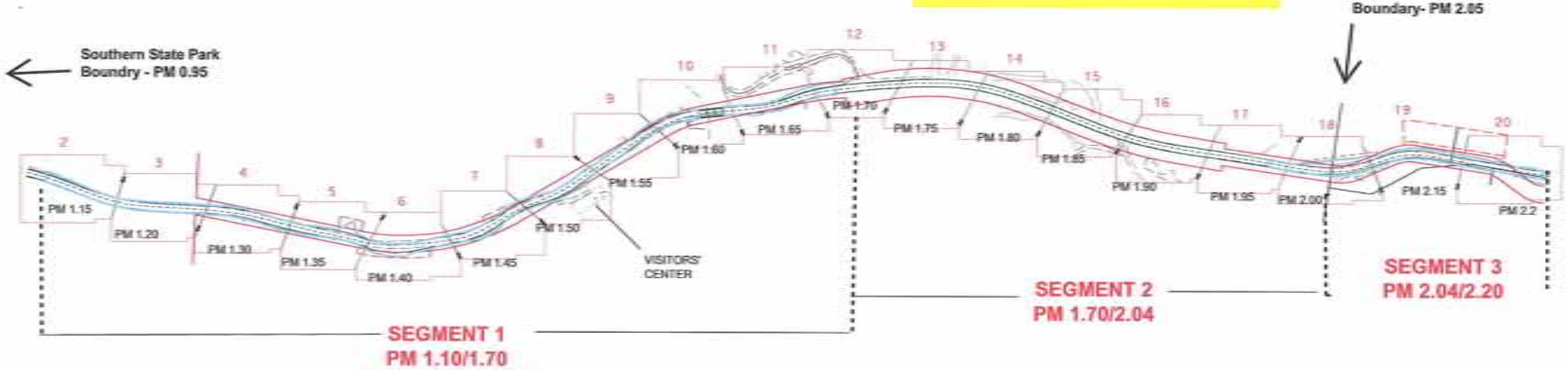
LEGEND:

LINES	DESCRIPTION
	Proposed Edge of Pavement (EP)
	Proposed Edge of Traveled Way (ETW)
	Proposed Centerline (CL)
	Existing EP
	Existing ETW
	Existing CL
	Bridge
	Proposed Right of Way
	Existing R/W
	APN Map Lines
	Existing Hydraulics
	Contours
	CUT and FILL Line
○	Tree

ROOT IMPACTS	(41 total)		
17" DF	78" RW	18" RW	96" RW
12" OTHER	24" DF	94" RW	60" RW
18" RW	18" DF	43" RW	36" RW
48" RW	115" RW	84" RW	60" RW
84" RW	13" ALDER	84" RW	182" RW
48" RW	86" RW	78" RW	120" RW
12" DF	90" RW	156" RW	108" RW
16" DF	19" ALDER	82" RW	30" RW
24" DF	42" RW	144" RW	34" RW
6" OAK	19" RW	84" RW	46" RW
			36" RW

TREES REMOVED	(89 total)			
18" ALD	10" TO	8" DF	5" DF	6" TO
6" TO	10" TO	10" TO	12" TO	7" TO
12" DF	7" TO	16" RW	8" TO	10" DF
6" TO	12" DF	16" DF	20" TO	6" DF
6" TO	12"TO	6" RW	18" DF	6" DF
14" DF	5" TO	4" RW	12" TO	12" TO
17" BLM	12" DF	18" DF	8" TO	8" DF
22" DF	24" TO	12" DF	12" TO	8" TO
22" BLM	18" DF	18" DF	12" TO	8" TO
6" RW	7" TO	23" DF	12" TO	8" TO
11" DF	10" TO	3" DF	18" DF	14" TO
15" DF	12" TO	9" DF	7" TO	8" TO
4" TO	8" TO	6" TO	12" DF	24" DF
12" DF	4" TO	18" TO	10" TO	
14" DF	10" TO	8" RW	10" TO	
7" RW	10" TO	10" RW	10" TO	
6" OAK	8" TO	24" TO	10" TO	
16" TO	14" DF	12" TO	7" TO	
10" TO	4" DF	12" TO	7" TO	

TREES
DOUGLAS FIR (DF)
BIG LEAF MAPLE (BLM)
LIVE OAK (OAK)
REDWOOD (RW)
TANOAK (TO)
RED ALDER (AL)
(OTHER)



FOR DESIGN STUDY ONLY

1" = 375'

EA 46480x

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

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District	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	HUM	101	1.1 - 2.2	2	20

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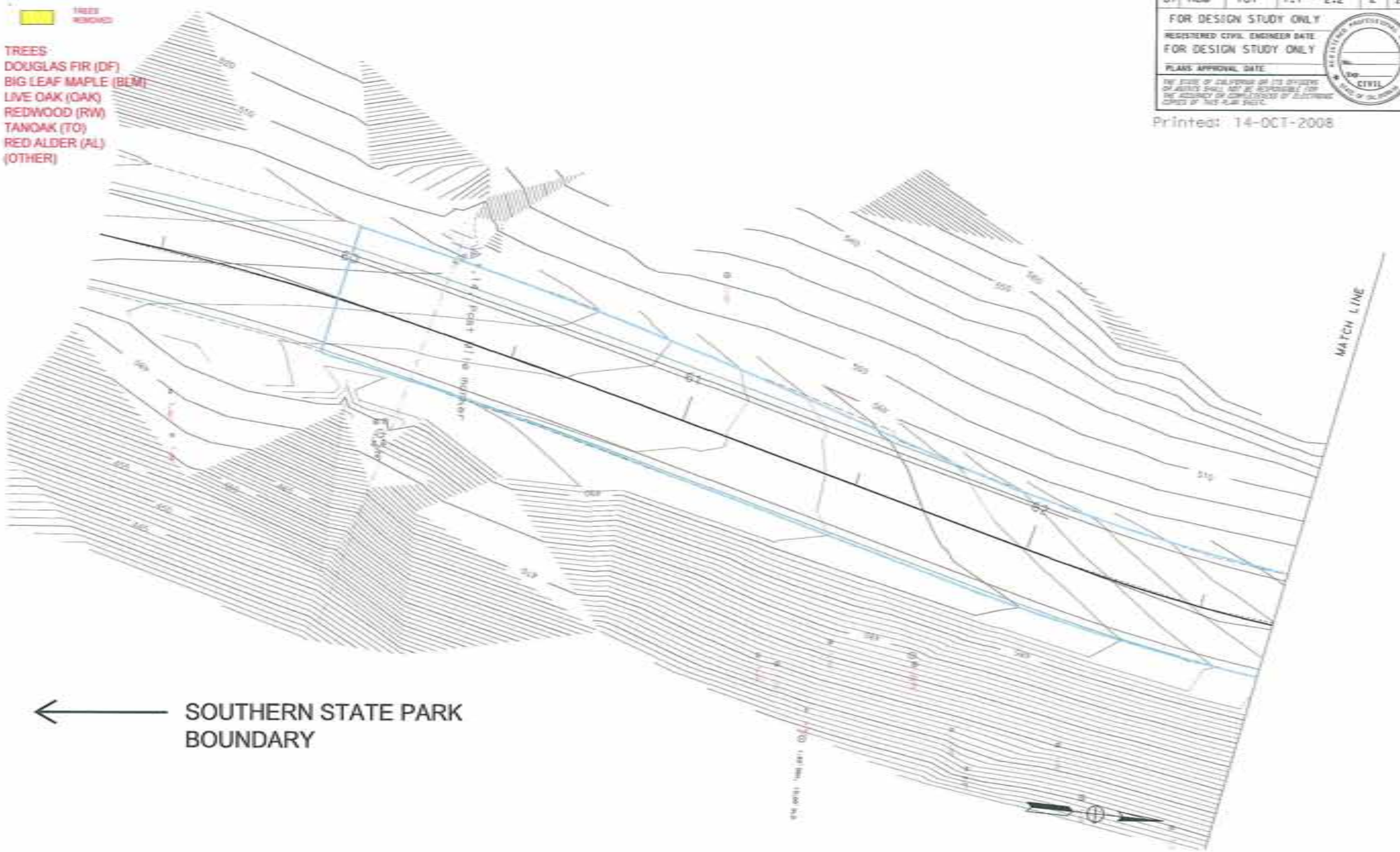
ROOT IMPACTS

TREES REMOVED

TREES
DOUGLAS FIR (DF)
BIG LEAF MAPLE (BLM)
LIVE OAK (OAK)
REDWOOD (RW)
TANOAK (TO)
RED ALDER (AL)
(OTHER)



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1" = 25'

EA 46480x

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District	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	HUM	101	1.1 - 2.2	3	20

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REGISTERED CIVIL ENGINEER DATE

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Printed: 14-OCT-2008

ROOT IMPACTS

TREES REMOVED

TREES
DOUGLAS FIR (DF)
BIG LEAF MAPLE (BLM)
LIVE OAK (OAK)
REDWOOD (RW)
TANOAK (TO)
RED ALDER (AL)
(OTHER)

ROOT IMPACTS

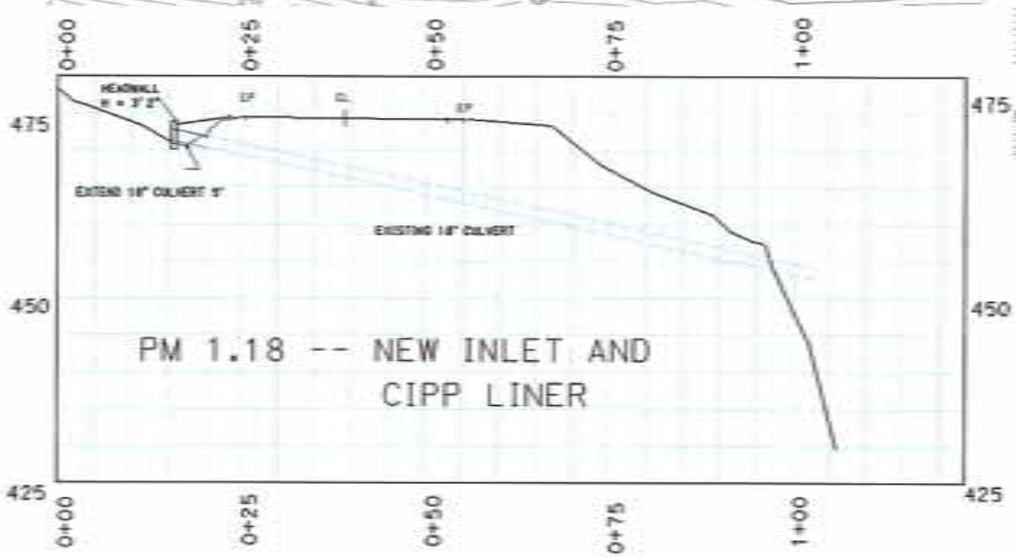
17" DF
12" OTHER

MATCH LINE

Line Culvert
PM 1.18

ESA FENCE

Lathyrus glandulosus



PM 1.18

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DATE REVISED 14-OCT-2008

District	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	HUM	101	1.1 - 2.2	4	20

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Printed: 14-OCT-2008

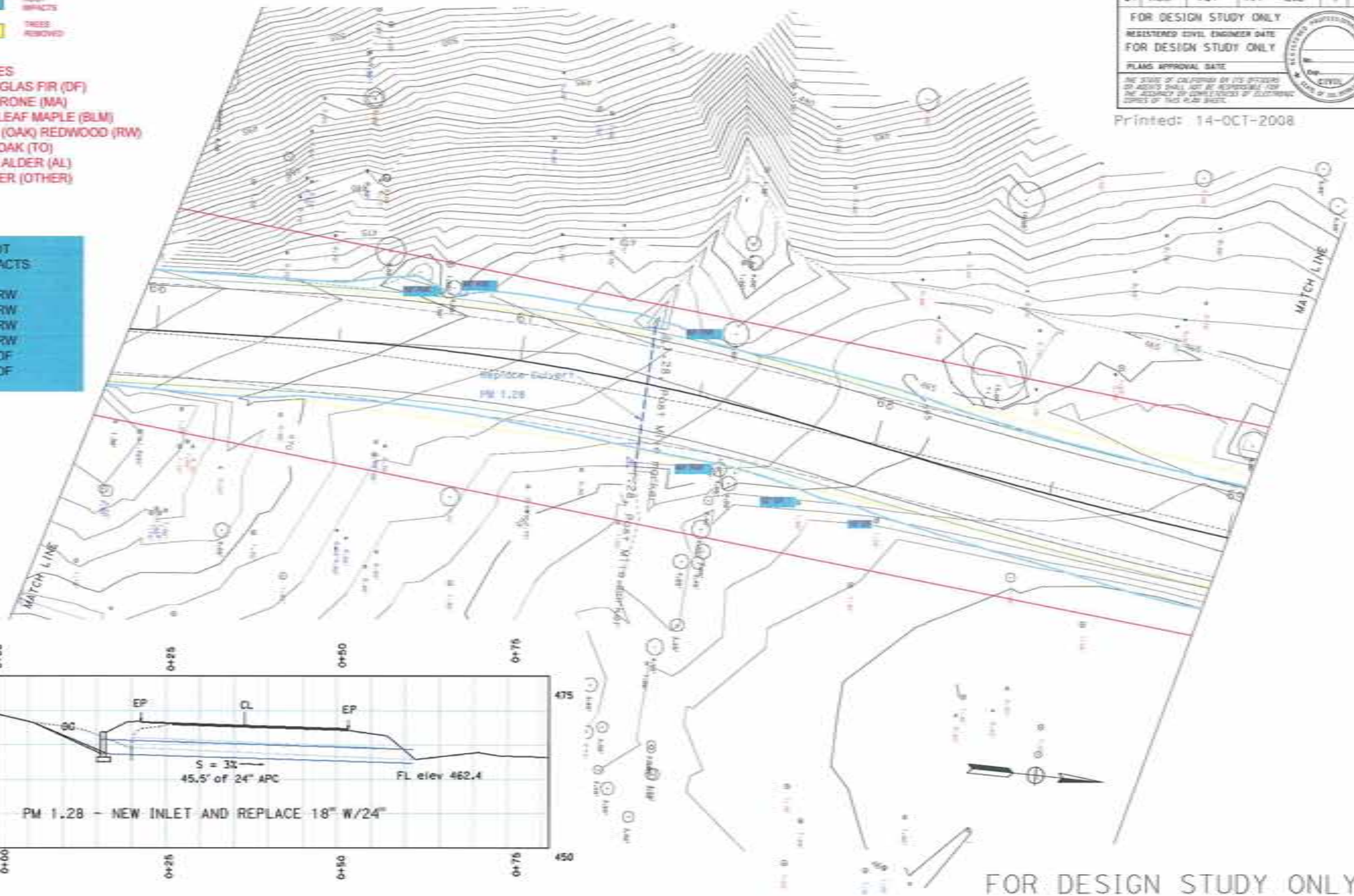
ROOT IMPACTS

TREES REMOVED

TREES
DOUGLAS FIR (DF)
MADRONE (MA)
BIG LEAF MAPLE (BLM)
OAK (OAK) REDWOOD (RW)
TANOAK (TO)
RED ALDER (AL)
OTHER (OTHER)

ROOT IMPACTS

18" RW
48" RW
84" RW
48" RW
12" DF
16" DF



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1" = 25'

EA 46480x

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DATE REVISED 14-OCT-2008

District	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	HUM	101	1.1 - 2.2	5	20

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CIVIL
STATE OF CALIFORNIA

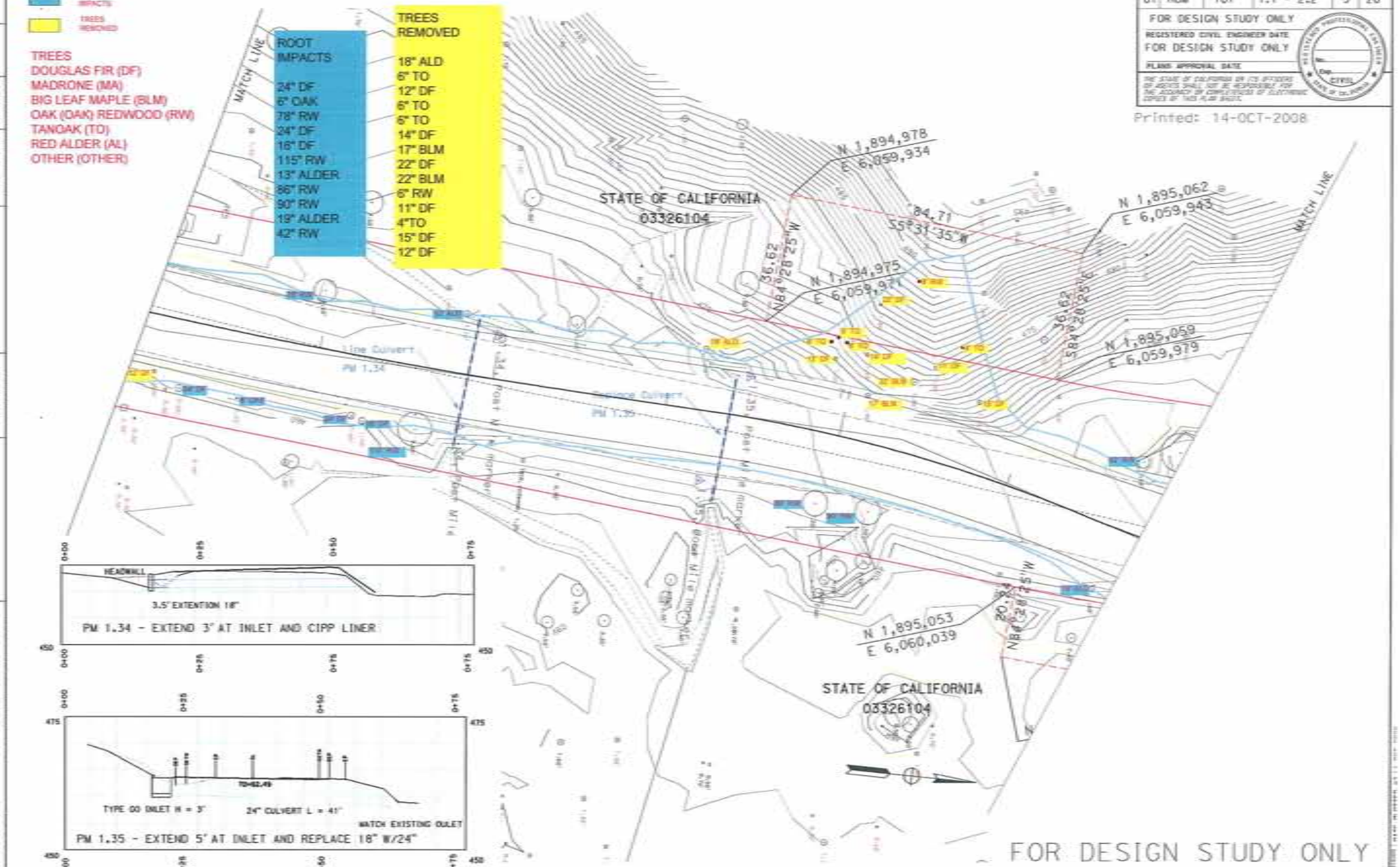
Printed: 14-OCT-2008

ROOT IMPACTS

TREES REMOVED

TREES
DOUGLAS FIR (DF)
MADRONE (MA)
BIG LEAF MAPLE (BLM)
OAK (OAK) REDWOOD (RW)
TANOAK (TO)
RED ALDER (AL)
OTHER (OTHER)

ROOT IMPACTS	TREES REMOVED
24" DF	18" ALD
6" OAK	6" TO
78" RW	12" DF
24" DF	6" TO
16" DF	6" TO
115" RW	14" DF
13" ALDER	17" BLM
86" RW	22" DF
90" RW	22" BLM
19" ALDER	6" RW
42" RW	11" DF
	4"TO
	15" DF
	12" DF



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DATE REVISED 14-OCT-2008

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
01	HUM	101	1.1 - 2.2	6	20

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REGISTERED PROFESSIONAL ENGINEER No. Exp. CIVIL STATE OF CALIFORNIA

Printed: 14-OCT-2008

ROOT IMPACTS

TREES REMOVED

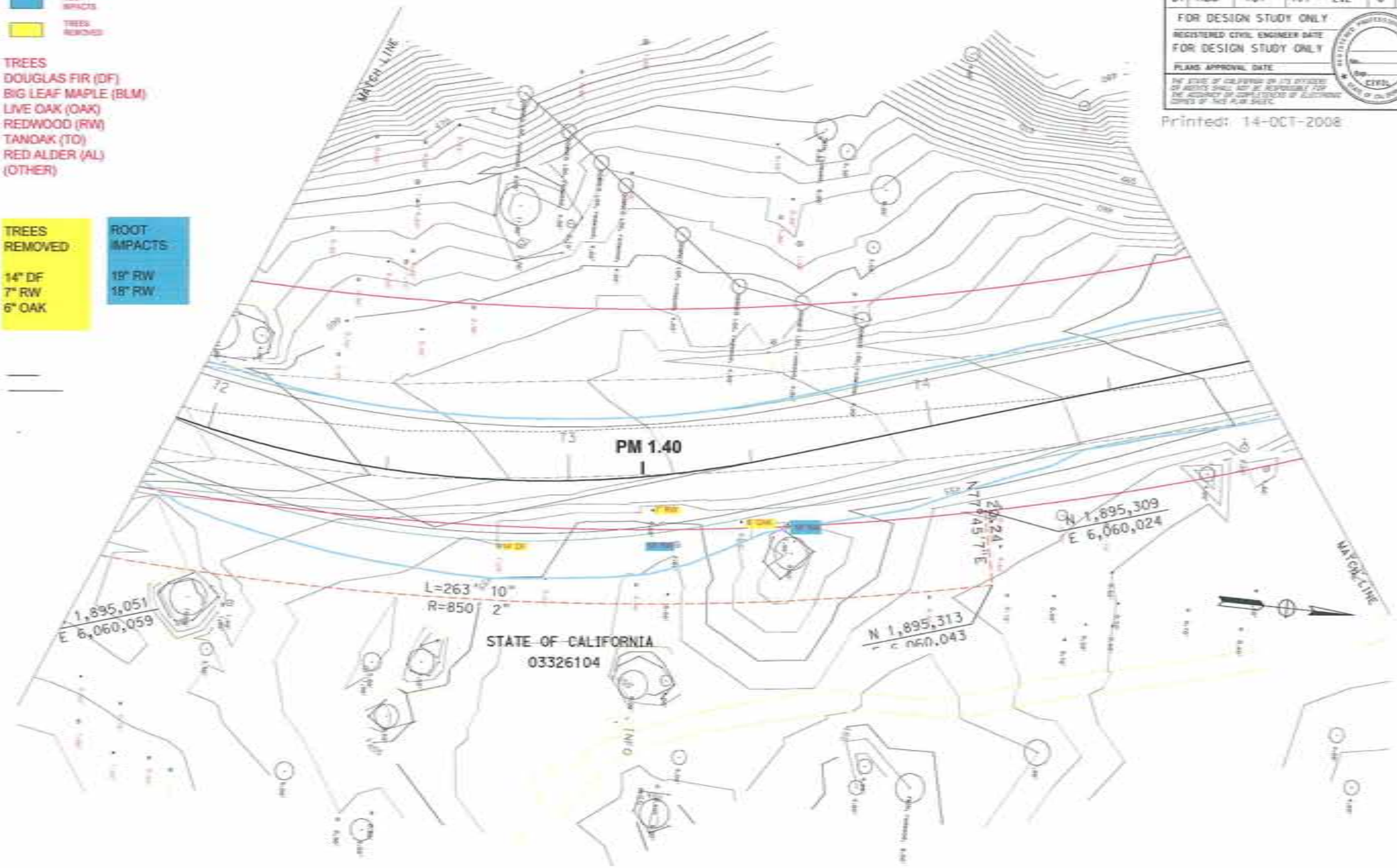
TREES
DOUGLAS FIR (DF)
BIG LEAF MAPLE (BLM)
LIVE OAK (OAK)
REDWOOD (RW)
TANOAK (TO)
RED ALDER (AL)
(OTHER)

TREES REMOVED

14" DF
7" RW
6" OAK

ROOT IMPACTS

19" RW
18" RW



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1" = 25'

EA 46480x

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Sheet	County	Route	Post Miles Total Project	Sheet No.	Total Sheets
01	HUM	101	1.1 - 2.2	7	20

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REGISTERED CIVIL ENGINEER DATE

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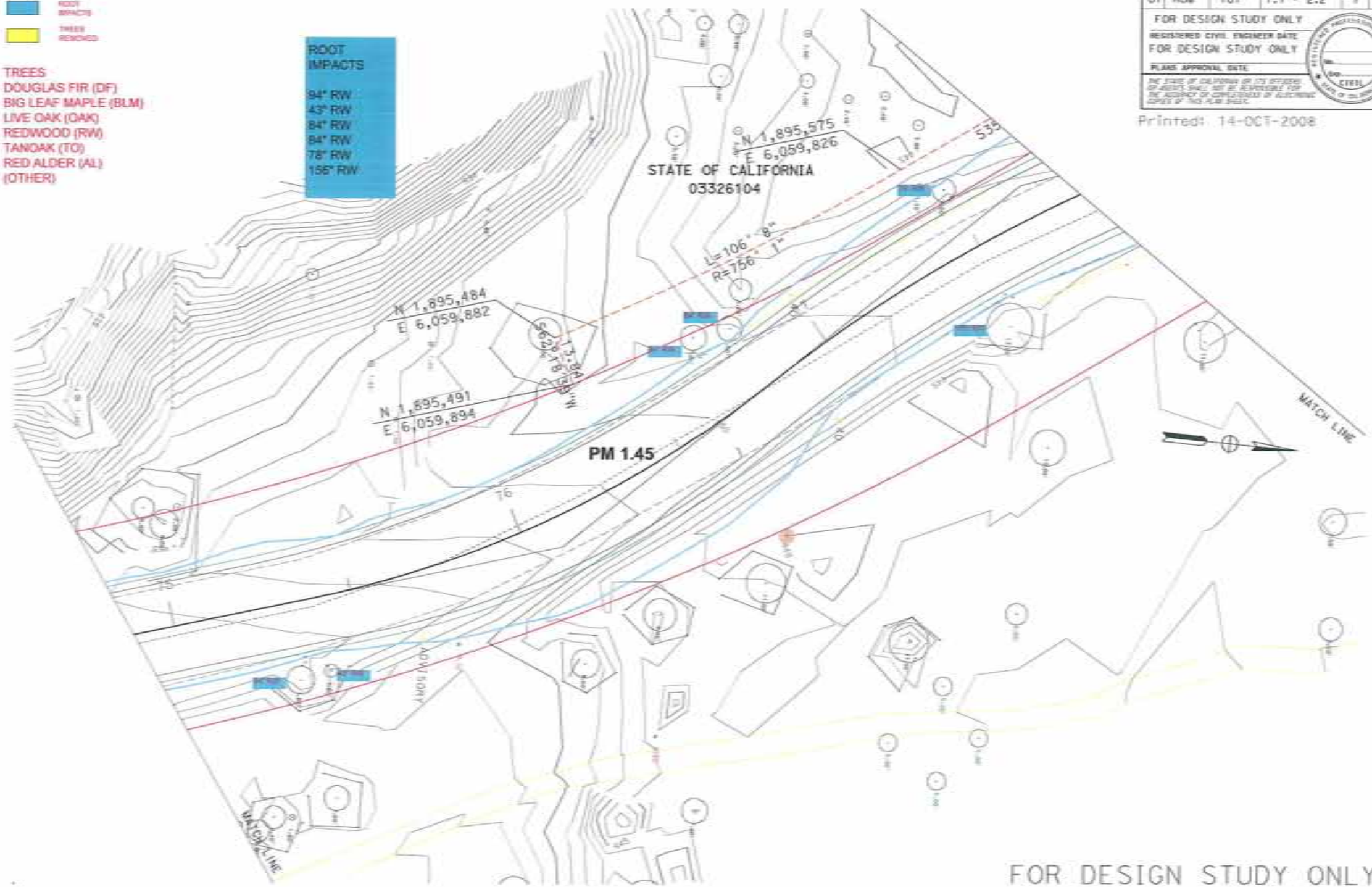
ROOT IMPACTS

TREES REMOVED

TREES
DOUGLAS FIR (DF)
BIG LEAF MAPLE (BLM)
LIVE OAK (OAK)
REDWOOD (RW)
TANOAK (TO)
RED ALDER (AL)
(OTHER)

ROOT IMPACTS

94" RW
43" RW
84" RW
84" RW
78" RW
156" RW



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EA 46480x

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District	County	Route	Post Miles Total Project	Sheet No.	Total Sheets
01	HUM	101	1.1 - 2.2	8	20

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REGISTERED CIVIL ENGINEER DATE

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REGISTERED PROFESSIONAL ENGINEER CIVIL STATE OF CALIFORNIA

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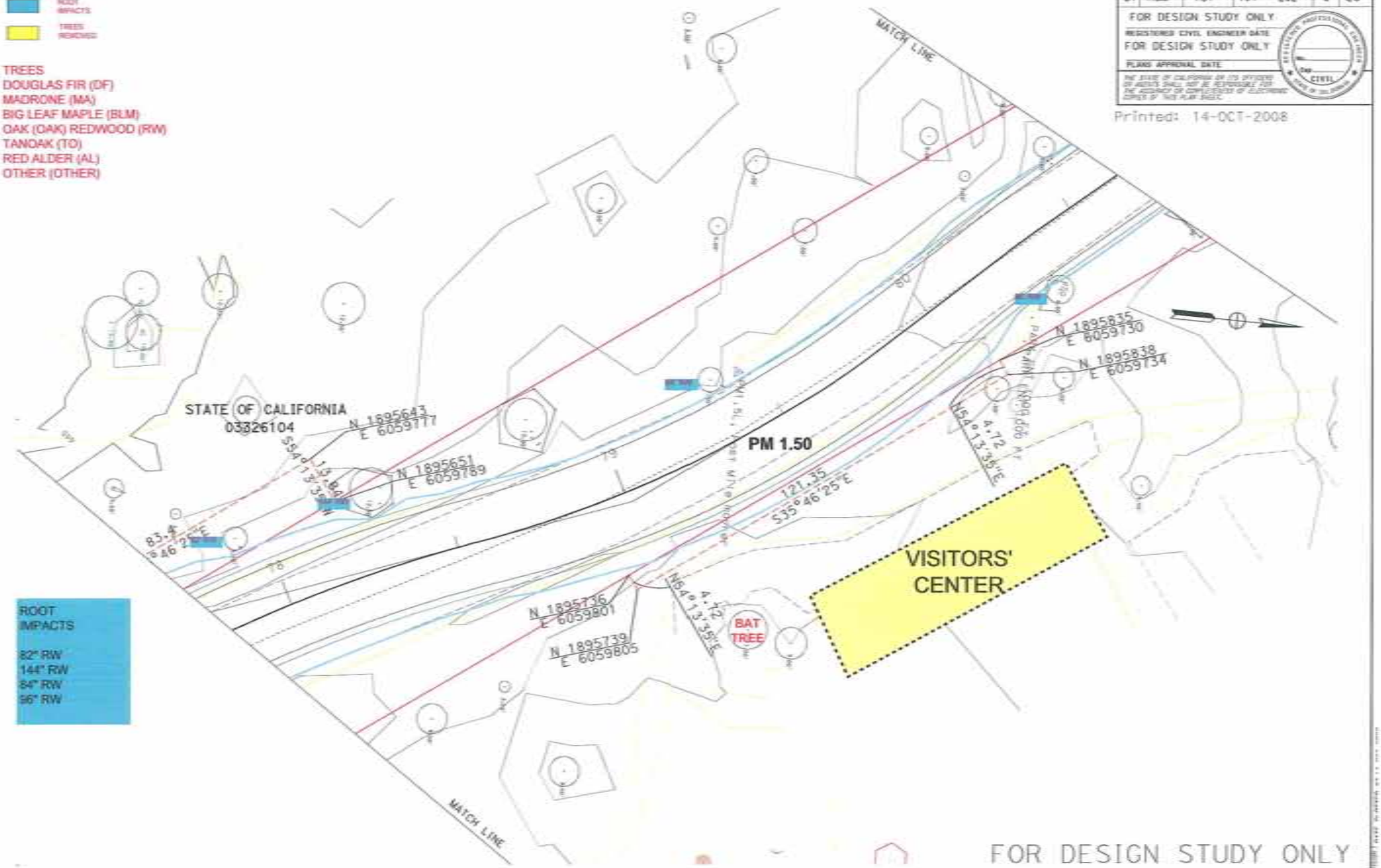
ROOT IMPACTS

TREES REMOVED

TREES
DOUGLAS FIR (DF)
MADRONE (MA)
BIG LEAF MAPLE (BLM)
OAK (OAK) REDWOOD (RW)
TANOAK (TO)
RED ALDER (AL)
OTHER (OTHER)



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1" = 25'

EA 46480x

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District	County	Route	Post Miles Total Project	Sheet No.	Total Sheets
01	HUM	101	1.1 - 2.2	9	20

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PLANS APPROVAL DATE

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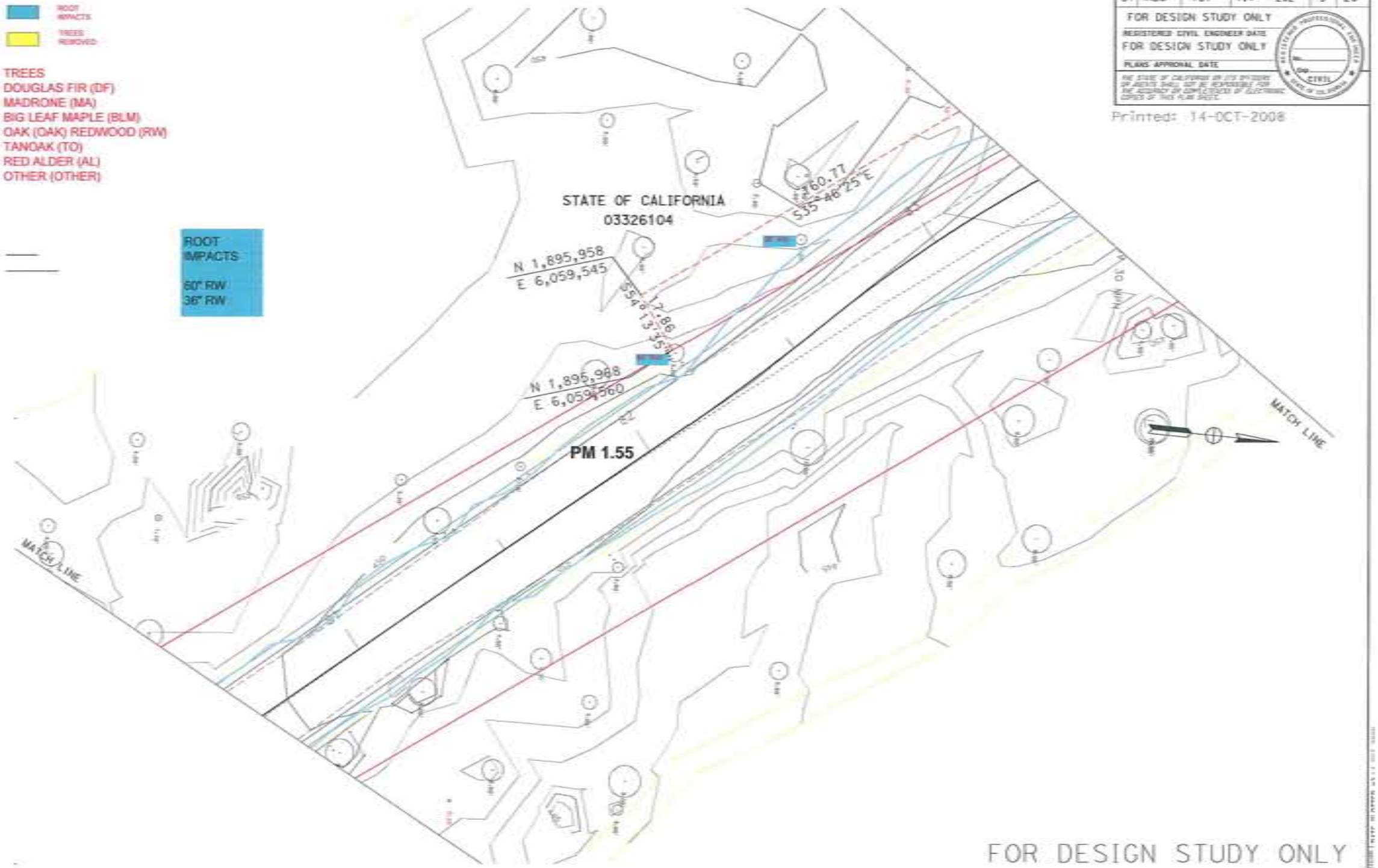
ROOT IMPACTS

TREES REMOVED

TREES
DOUGLAS FIR (DF)
MADRONE (MA)
BIG LEAF MAPLE (BLM)
OAK (OAK) REDWOOD (RW)
TANOAK (TO)
RED ALDER (AL)
OTHER (OTHER)

ROOT IMPACTS

60" RW
36" RW



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District	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	HUM	101	1.1 - 2.2	10	20

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REGISTERED PROFESSIONAL ENGINEER CIVIL STATE OF CALIFORNIA

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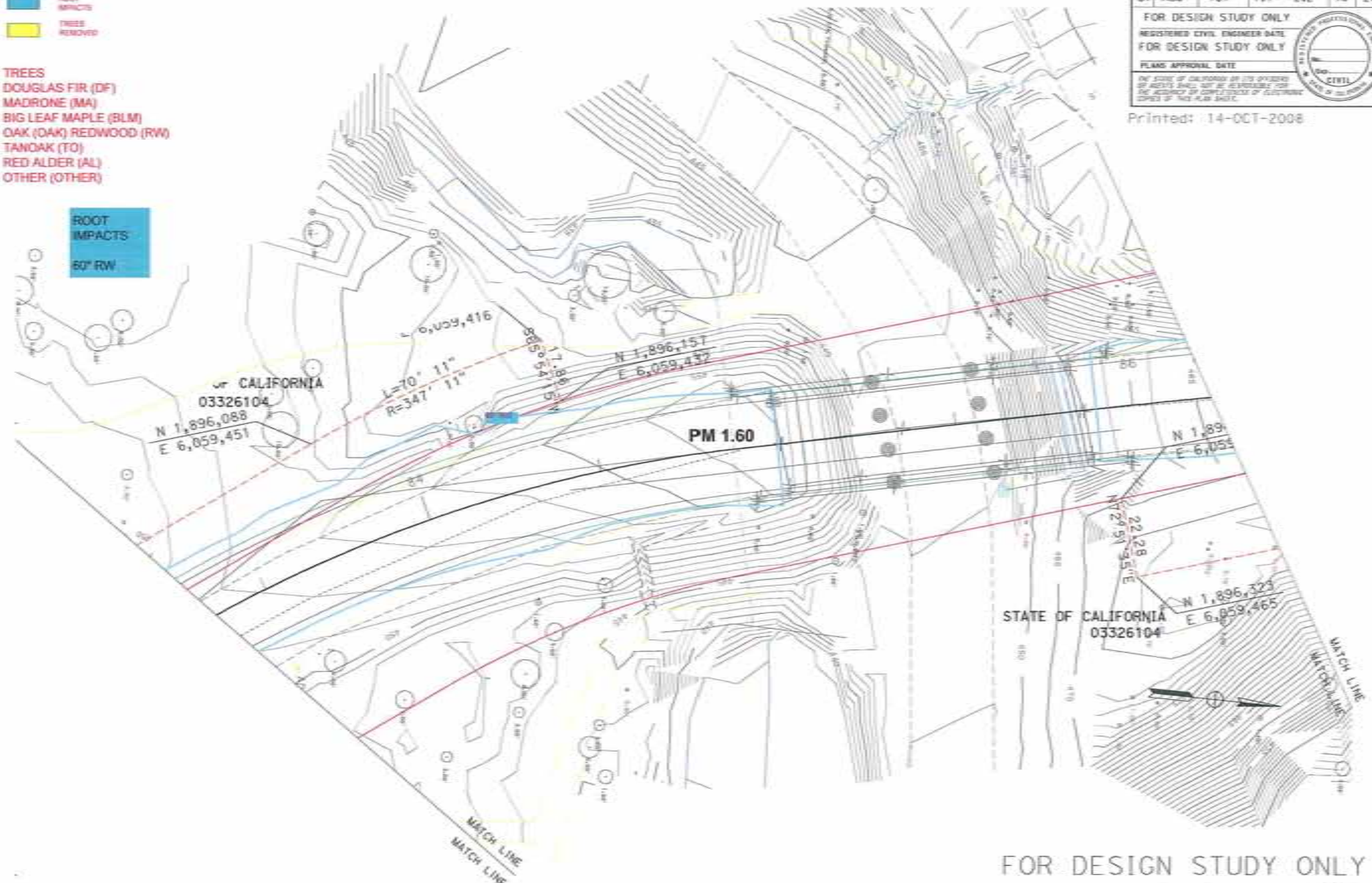
ROOT IMPACTS

TREES REMOVED

TREES
DOUGLAS FIR (DF)
MADRONE (MA)
BIG LEAF MAPLE (BLM)
OAK (OAK) REDWOOD (RW)
TANOAK (TO)
RED ALDER (AL)
OTHER (OTHER)

ROOT IMPACTS

50' RW



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1" = 25'

EA 46480x

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District	County	Route	Post Miles Total Project	Sheet No.	Total Sheets
01	HUM	101	1.1 - 2.2	11	20

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REGISTERED CIVIL ENGINEER DATE

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PLANS APPROVAL DATE

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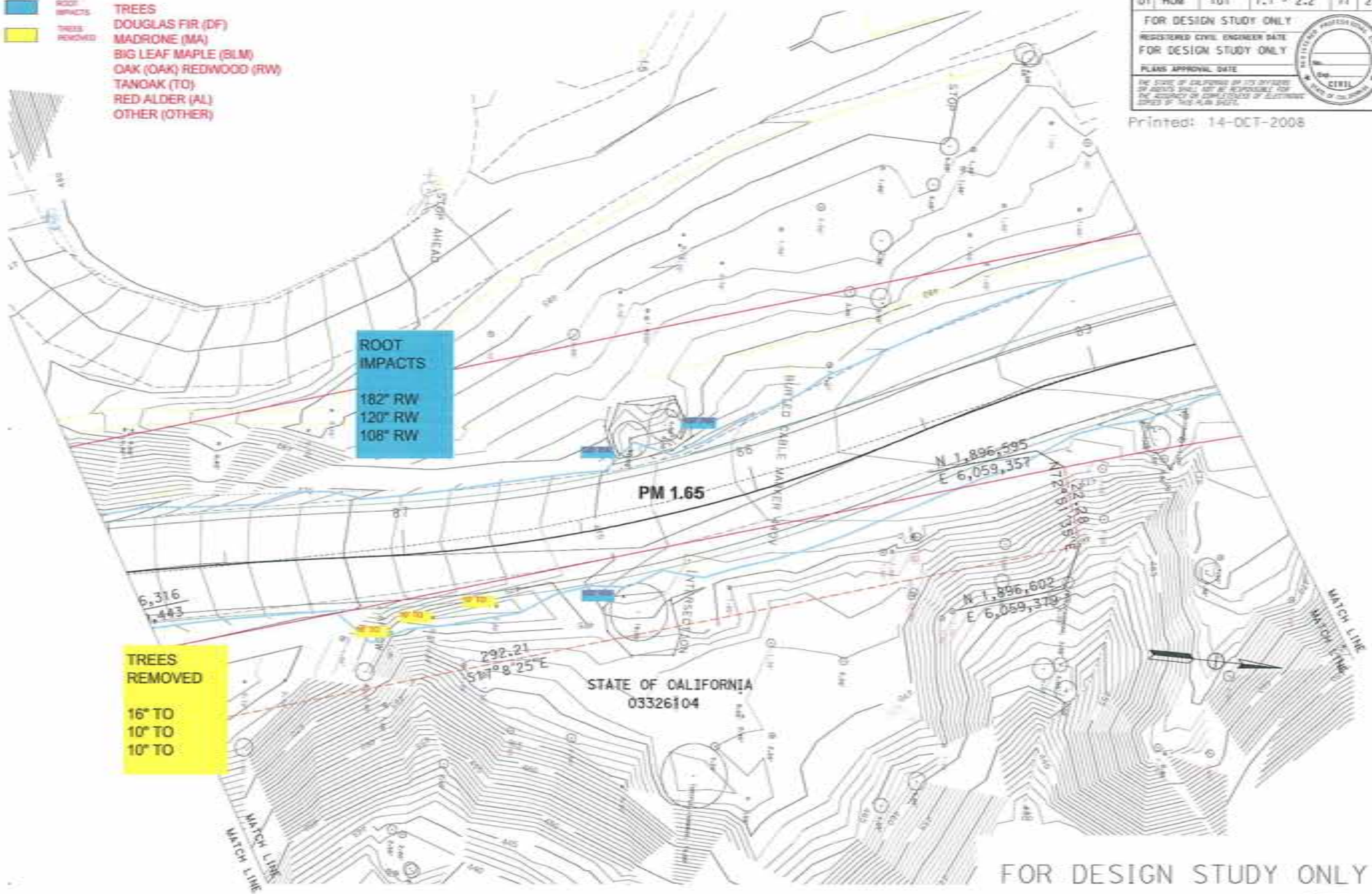
Printed: 14-OCT-2008

ROOT IMPACTS — TREES

TREES REMOVED — DOUGLAS FIR (DF)
MADRONE (MA)
BIG LEAF MAPLE (BLM)
OAK (OAK) REDWOOD (RW)
TANOAK (TO)
RED ALDER (AL)
OTHER (OTHER)



FOR DESIGN STUDY ONLY

1" = 25'

EA 46480x

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

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District	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	HUM	101	1.1 - 2.2	12	20

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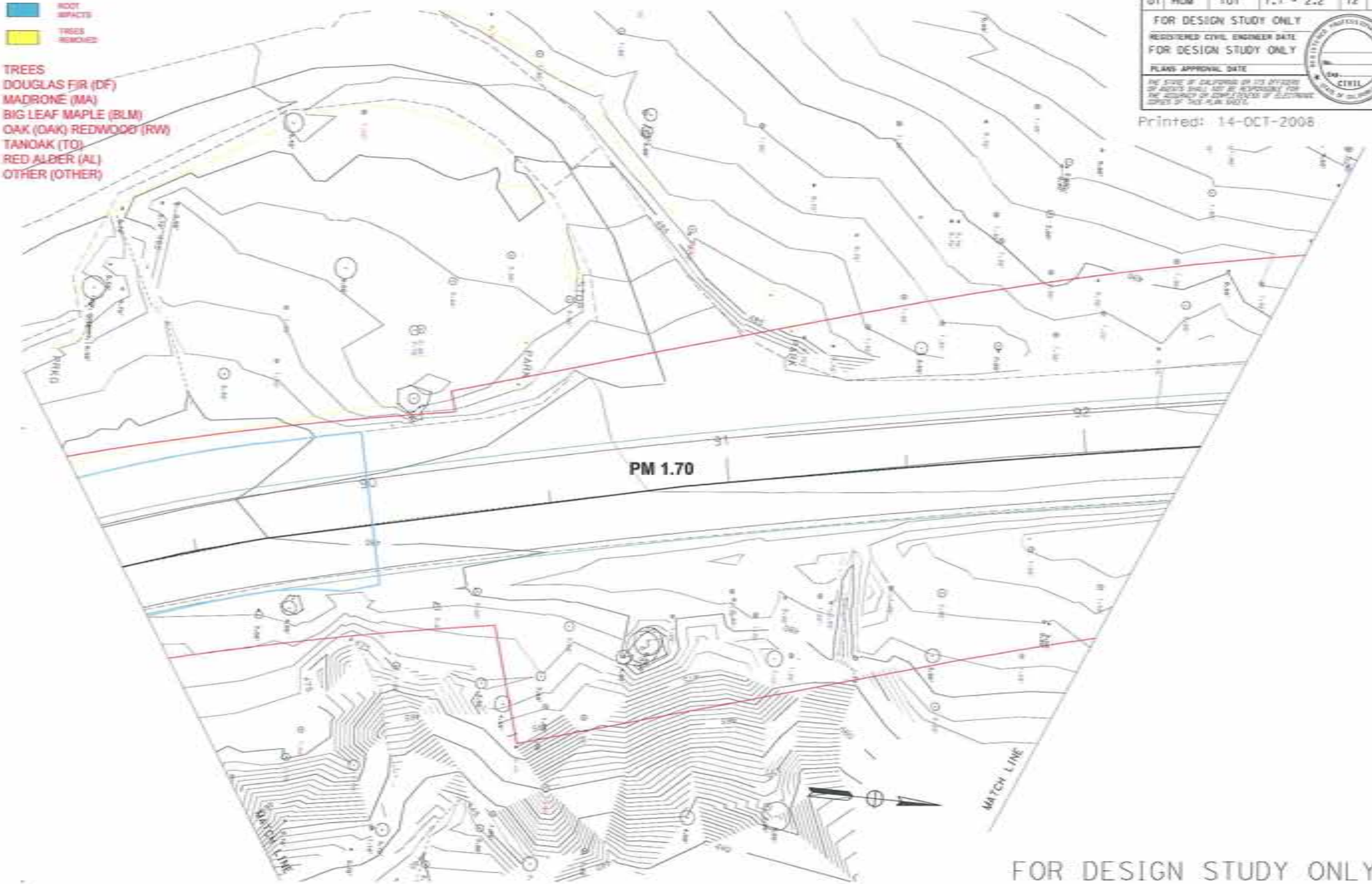
REGISTERED PROFESSIONAL ENGINEER CIVIL STATE OF CALIFORNIA

Printed: 14-OCT-2008

ROOT IMPACTS

TREES REMOVED

TREES
DOUGLAS FIR (DF)
MADRONE (MA)
BIG LEAF MAPLE (BLM)
OAK (OAK) REDWOOD (RW)
TANOAK (TO)
RED ALDER (AL)
OTHER (OTHER)



FOR DESIGN STUDY ONLY

1" = 25'

EA 46480x

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DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
01	HUM	101	1.1 - 2.2	13	20

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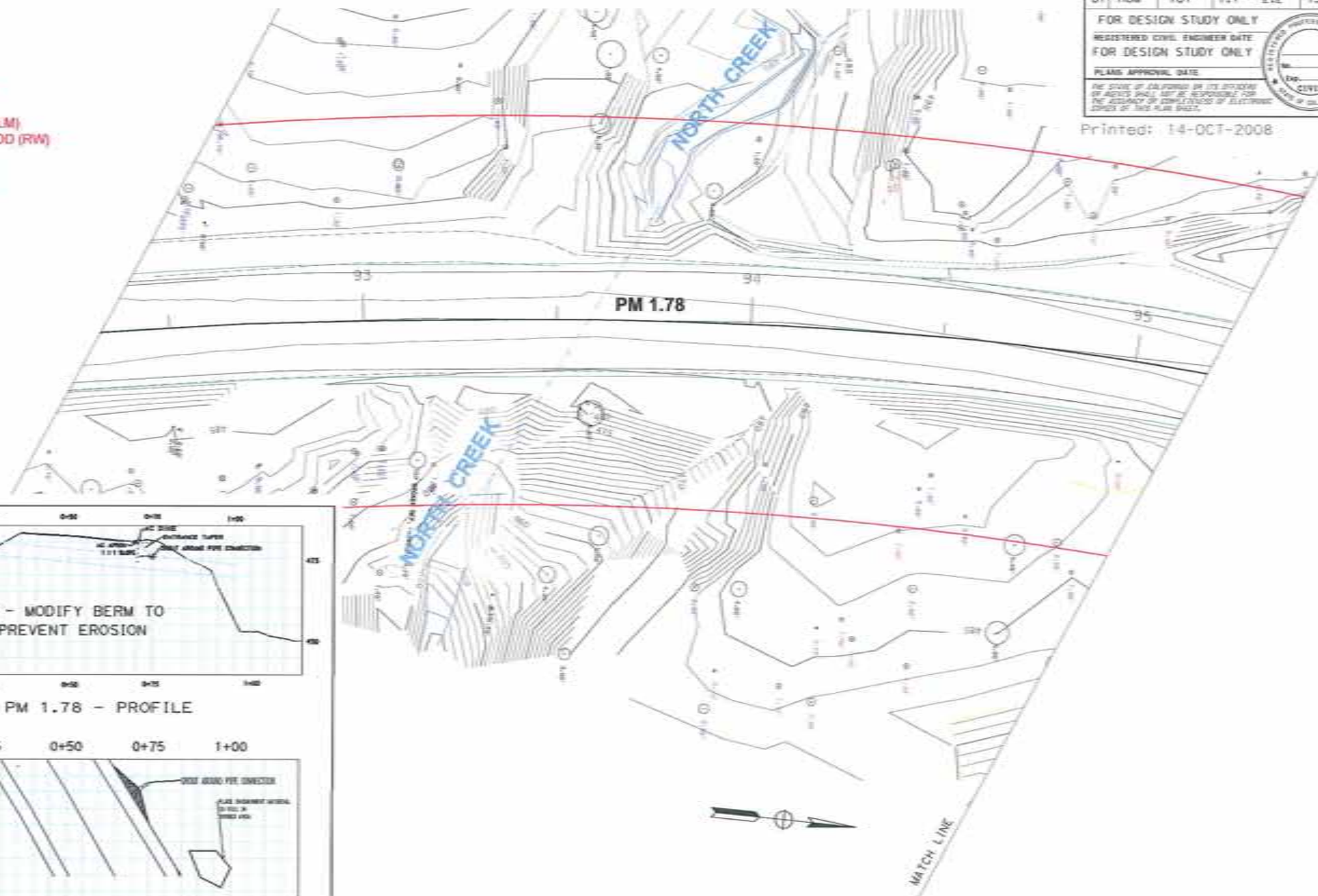
REGISTERED PROFESSIONAL ENGINEER NO. EXP. CIVIL STATE OF CALIFORNIA

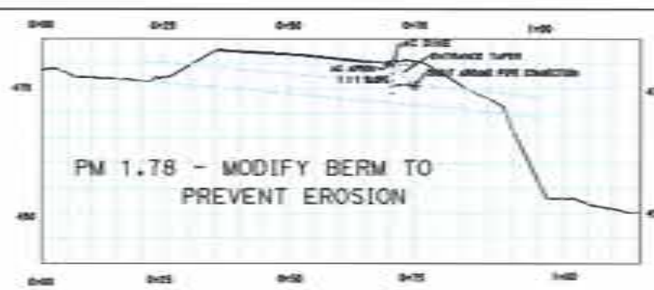
Printed: 14-OCT-2008

ROOT IMPACTS

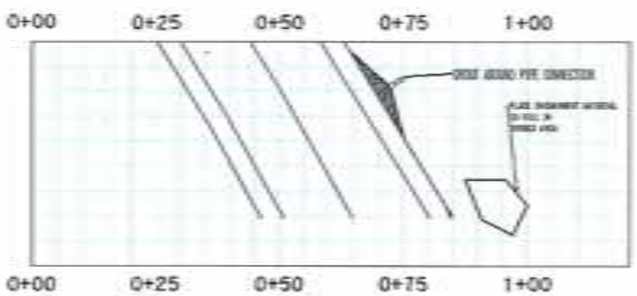
TREES REMOVED

TREES
DOUGLAS FIR (DF)
MADRONE (MA)
BIG LEAF MAPLE (BLM)
OAK (OAK) REDWOOD (RW)
TANOAK (TO)
RED ALDER (AL)
OTHER (OTHER)





PM 1.78 - PROFILE



PM 1.78 - PLAN VIEW

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1" = 25'

EA 464880

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DATE REVISED 14-OCT-2008

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	HUM	101	1.1 - 2.2	14	20

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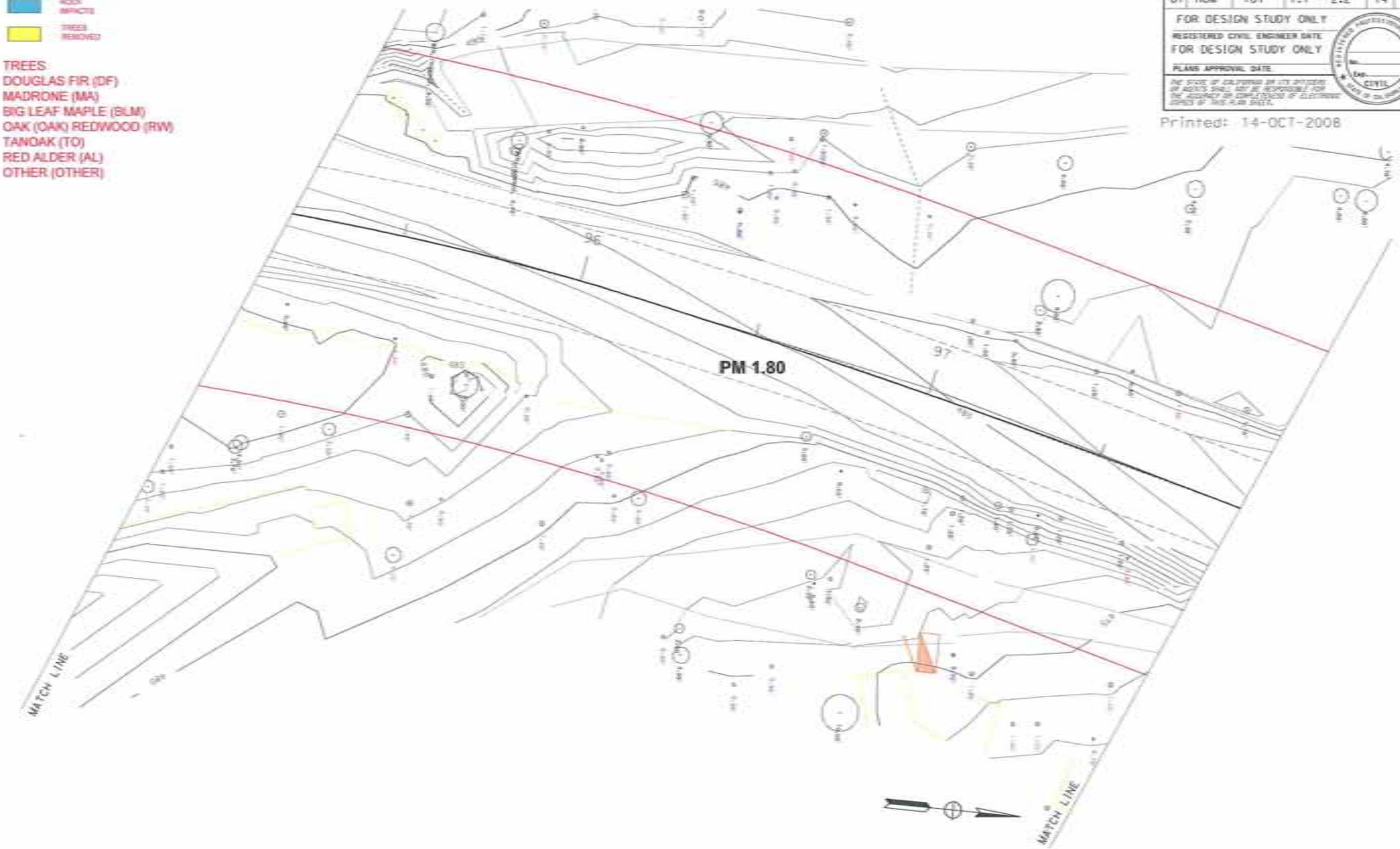
REGISTERED PROFESSIONAL ENGINEER No. Exp. CIVIL STATE OF CALIFORNIA

Printed: 14-OCT-2008

ROOT IMPACTS

TREES REMOVED

TREES
DOUGLAS FIR (DF)
MADRONE (MA)
BIG LEAF MAPLE (BLM)
OAK (OAK) REDWOOD (RW)
TANOAK (TO)
RED ALDER (AL)
OTHER (OTHER)



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EA 46480x

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DATE REVISED 14-OCT-2008

District	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	HUM	101	1.1 - 2.2	15	20

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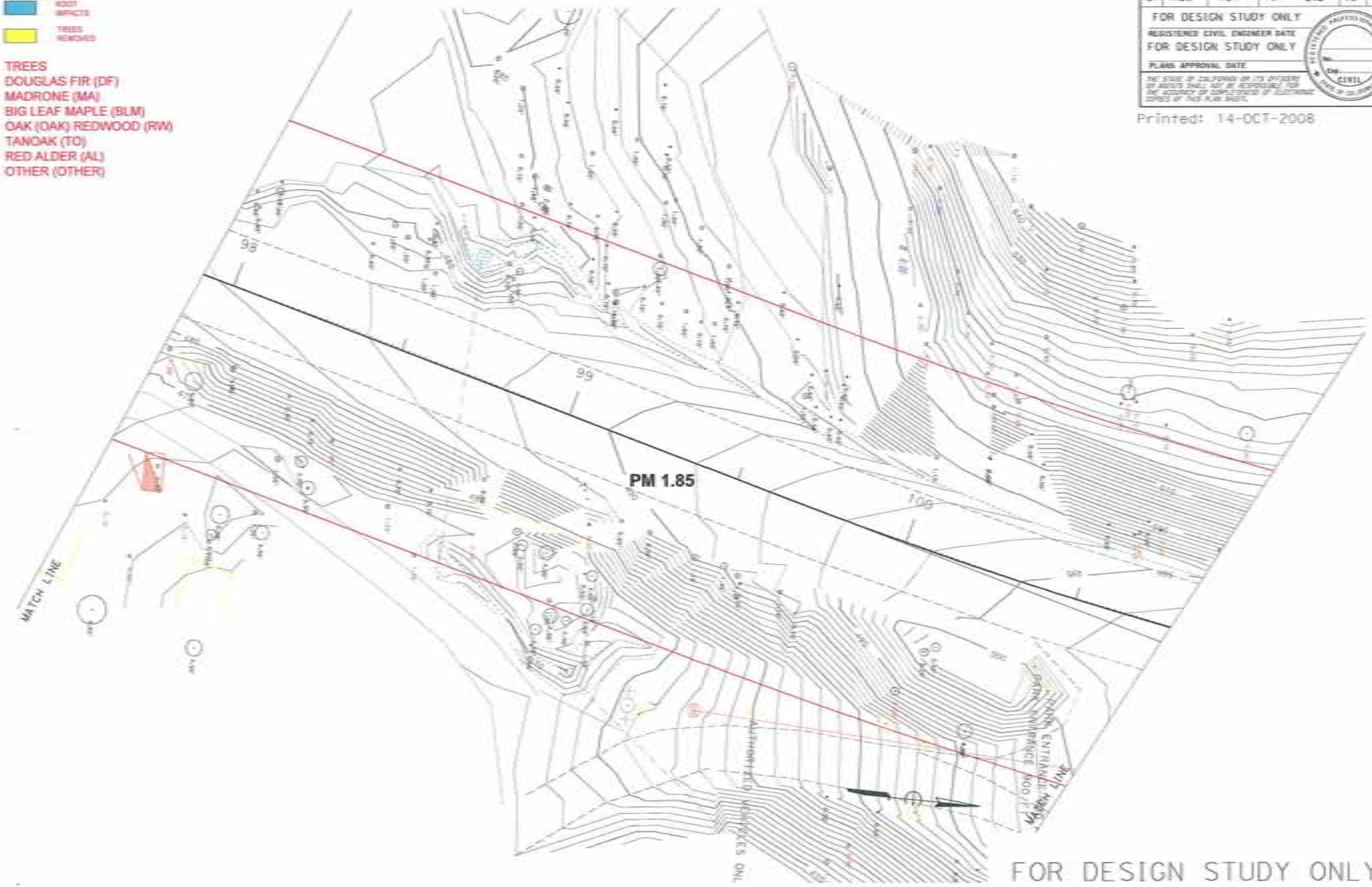
ROOT IMPACTS

TREES REMOVED

TREES
DOUGLAS FIR (DF)
MADRONE (MA)
BIG LEAF MAPLE (BLM)
OAK (OAK) REDWOOD (RW)
TANOAK (TO)
RED ALDER (AL)
OTHER (OTHER)



FOR DESIGN STUDY ONLY

1" = 25'

EA 464804

DATE REVISED	REVISED BY
14-OCT-2008	

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DESIGNED BY
CHECKED BY

FUNCTIONAL SUPERVISOR

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District	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	HUM	101	1.1 - 2.2	16	20

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REGISTERED CIVIL ENGINEER DATE

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PLANS APPROVAL DATE

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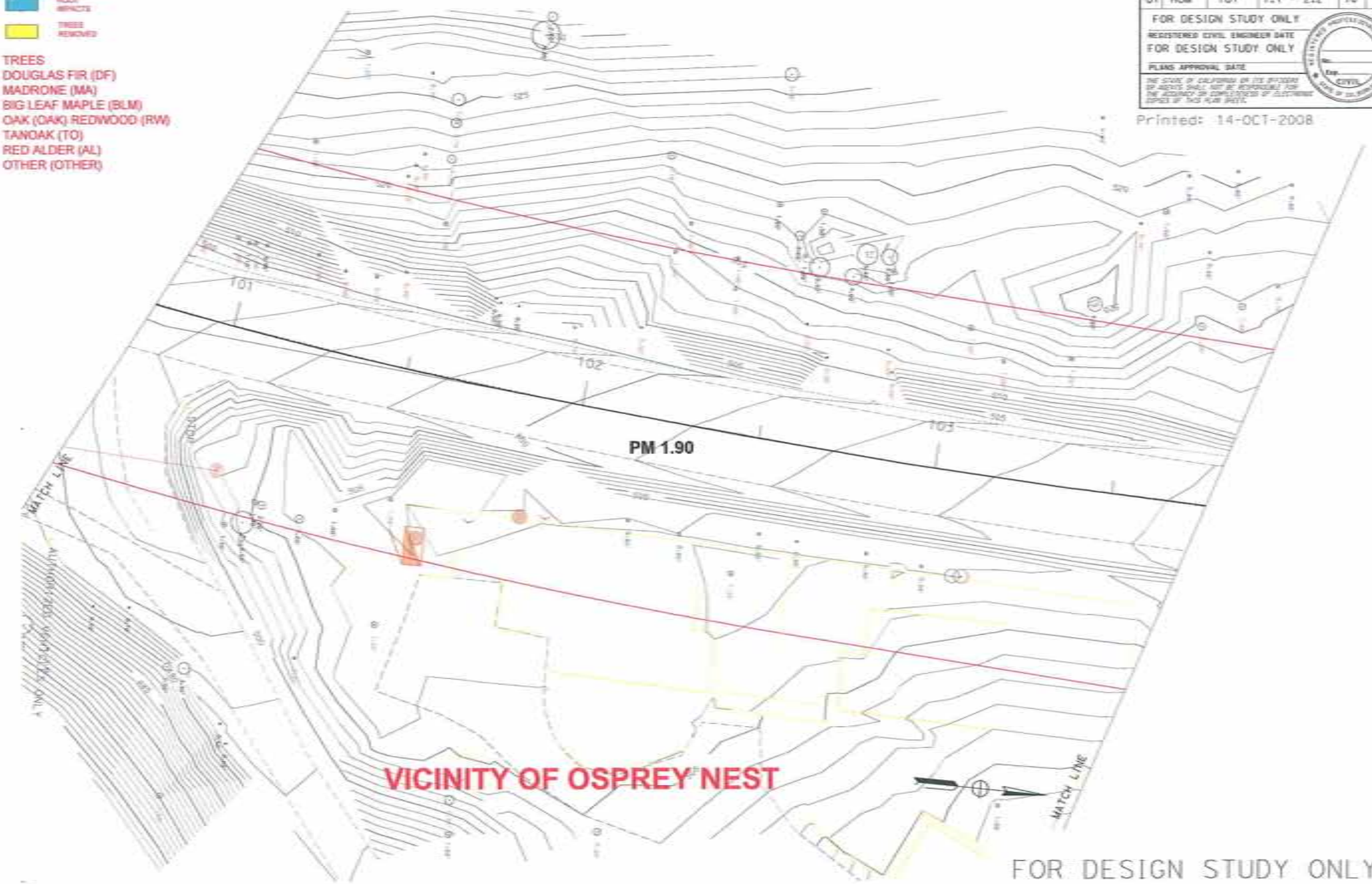
REGISTERED PROFESSIONAL ENGINEER — CIVIL — STATE OF CALIFORNIA

Printed: 14-OCT-2008

ROOT IMPACTS

TREES REMOVED

TREES
DOUGLAS FIR (DF)
MADRONE (MA)
BIG LEAF MAPLE (BLM)
OAK (OAK) REDWOOD (RW)
TANOAK (TO)
RED ALDER (AL)
OTHER (OTHER)



FOR DESIGN STUDY ONLY

1" = 25'

EA 46480x

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01	HUM	101	1.1 - 2.2	17	20

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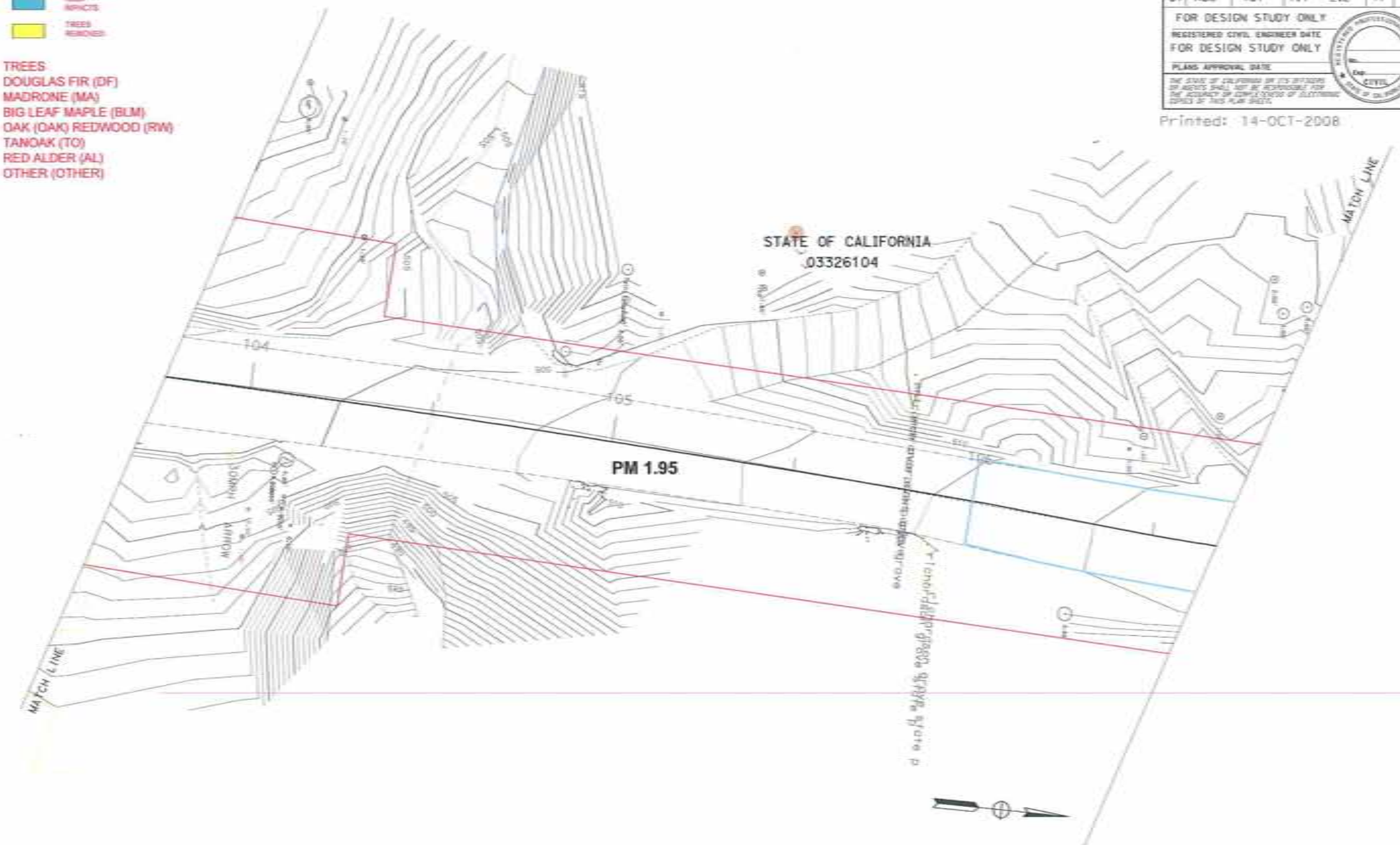
ROOT IMPACTS

TREES REMOVED

TREES
DOUGLAS FIR (DF)
MADRONE (MA)
BIG LEAF MAPLE (BLM)
OAK (OAK) REDWOOD (RW)
TANOAK (TO)
RED ALDER (AL)
OTHER (OTHER)



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District	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	HUM	101	1.1 - 2.2	18	20

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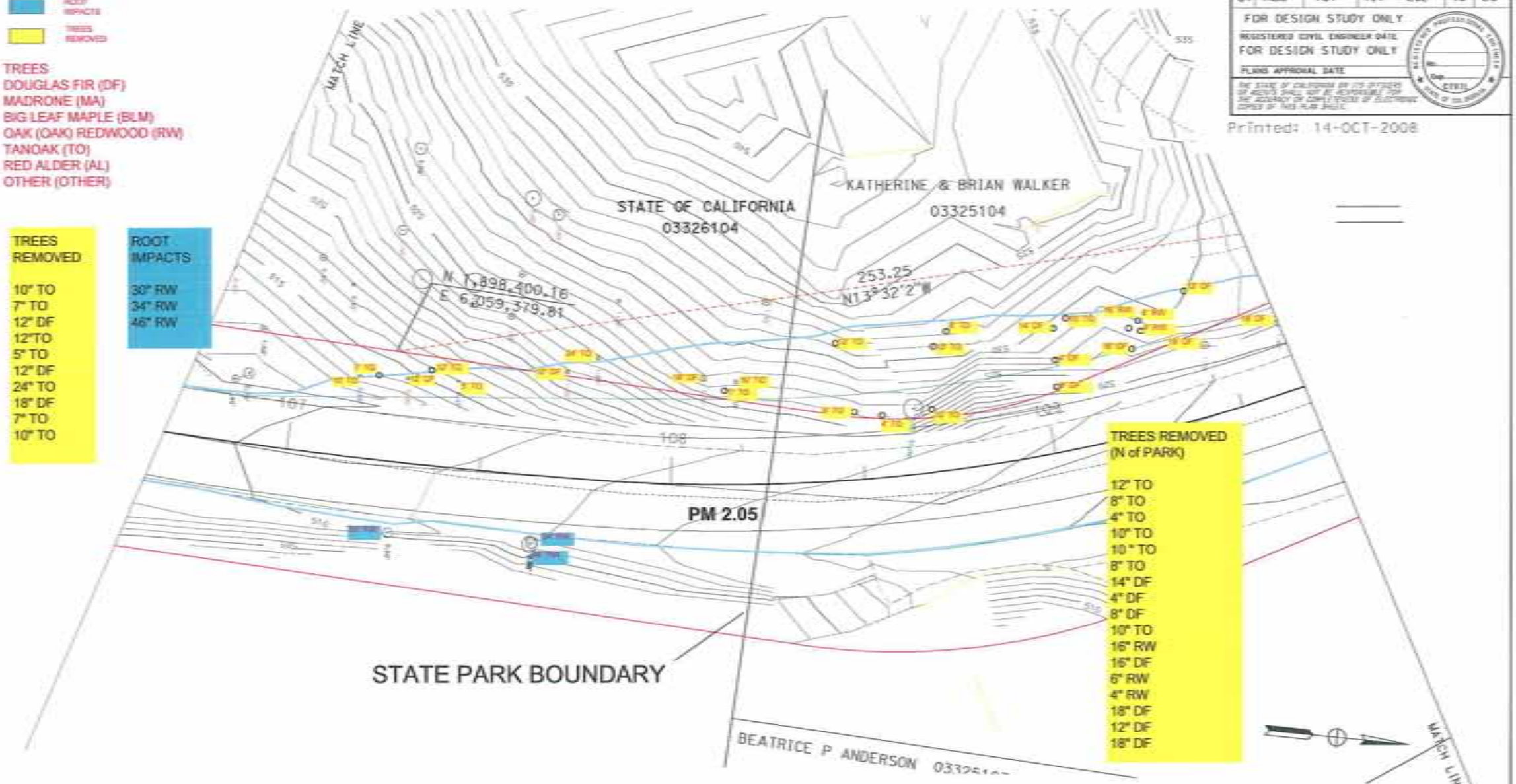
REGISTERED PROFESSIONAL ENGINEER CIVIL STATE OF CALIFORNIA

Printed: 14-OCT-2008

ROOT IMPACTS

TREES REMOVED

TREES
DOUGLAS FIR (DF)
MADRONE (MA)
BIG LEAF MAPLE (BLM)
OAK (OAK) REDWOOD (RW)
TANOAK (TO)
RED ALDER (AL)
OTHER (OTHER)



TREES REMOVED

10" TO
7" TO
12" DF
12"TO
5" TO
12" DF
24" TO
18" DF
7" TO
10" TO

ROOT IMPACTS

30" RW
34" RW
46" RW

TREES REMOVED (N of PARK)

12" TO
8" TO
4" TO
10" TO
10" TO
8" TO
14" DF
4" DF
8" DF
10" TO
16" RW
16" DF
6" RW
4" RW
18" DF
12" DF
18" DF

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EA 46480x

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DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
01	HUM	101	1.1 - 2.2	19	20

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ROOT IMPACTS

TREES REMOVED

TREES
DOUGLAS FIR (DF)
BIG LEAF MAPLE (BLM)
LIVE OAK (OAK)
REDWOOD (RW)
TANOAK (TO)
RED ALDER (AL)
(OTHER)

N 78°39'12"E

N 1,898,747.31
E 6,059,275.61

N 1,898,749.48
E 6,059,286.40

L=47' 4"
R=191' 0"

N 1,898,794.37
E 6,059,272.11

N 1,898,646.37
E 6,059,320.54

N 1,898,660.60
E 6,059,325.29

N18°26'8"E

KATHERINE & BRIAN WALKER
03325104

SUB-SURFACE EASEMENT

KATHERINE & BRIAN WALKER
03325104

JOHN T DIMMICK
03325106

JOHN T DIMMICK
03325106

PM 2.15

Replace Culvert
PM 2.10

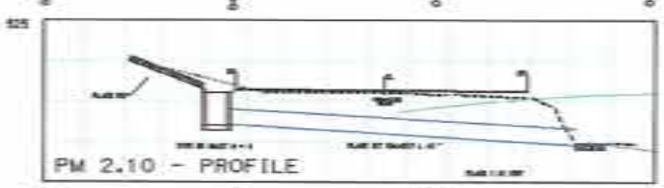
Overs

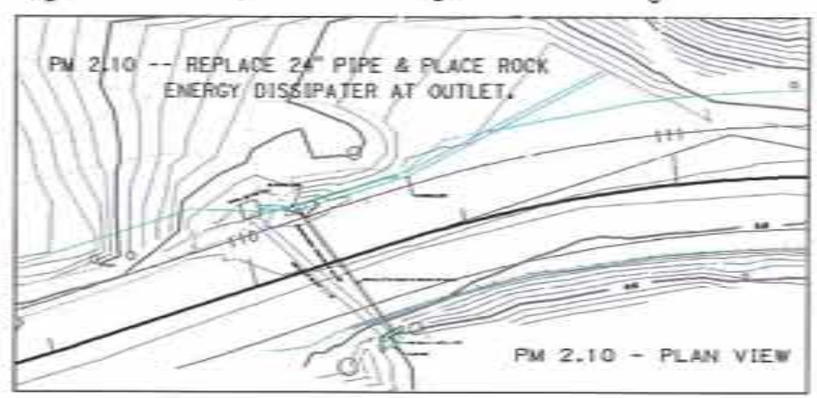
ROOT IMPACTS

36" RW

TREE REMOVAL for RETAINING WALL

23" DF	12" TO
3" DF	8" TO
9" DF	12" TO
6" TO	12" TO
18" TO	12" TO
8" RW	18" DF
10" RW	7" TO
24" TO	12" DF
12" TO	10" TO
12" TO	10" TO
5" DF	10" TO
12" TO	10" TO
8" TO	7" TO
20" TO	7" TO
18" DF	6" TO





MATCH LINE

MATCH LINE

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1" = 25'

EA 4648Dx

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FUNCTIONAL SUPERVISOR

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DATE REVISED 14-OCT-2008

District	County	Route	Post Miles Total Project	Sheet No.	Total Sheets
01	HUM	101	1.1 - 2.2	20	20

FOR DESIGN STUDY ONLY

REGISTERED CIVIL ENGINEER DATE

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ROOT IMPACTS

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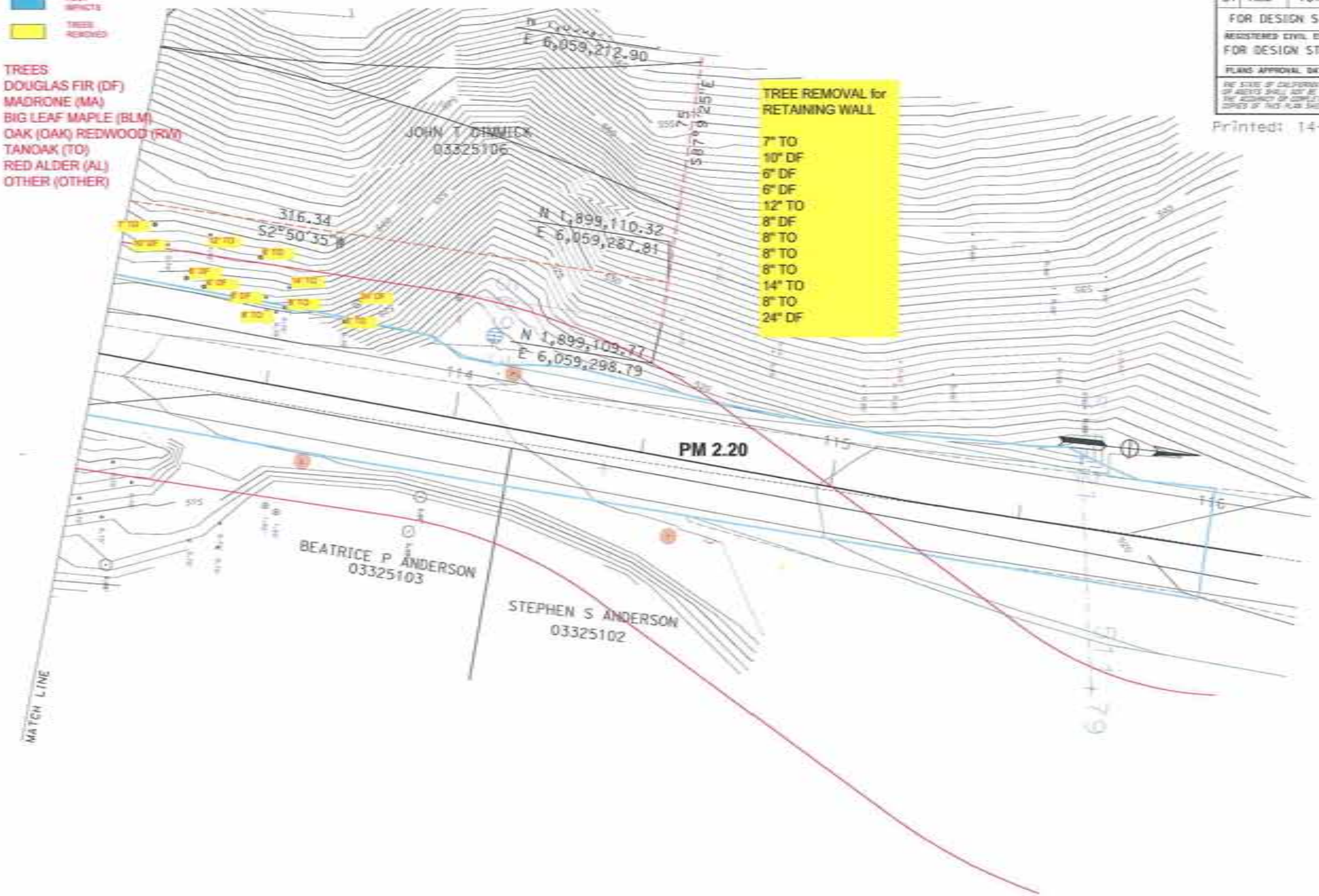

TREE REMOVAL for RETAINING WALL

7" TO
10" DF
6" DF
6" DF
12" TO
8" DF
8" TO
8" TO
8" TO
14" TO
8" TO
24" DF

FOR DESIGN STUDY ONLY

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EA 464800

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