TO IMPACT ON STATE FACILITIES AND CONFORMANCE WITH PROS AND PRACTICES AND THAT TECHNICAL OVERSIGHT WAS

IN SANTA CRUZ COUNTY **NEAR DAVENPORT AT VARIOUS LOCATIONS** 0.3 MILE NORTH OF SCOTT CREEK TO 0.4 MILE NORTH OF SWANTON ROAD

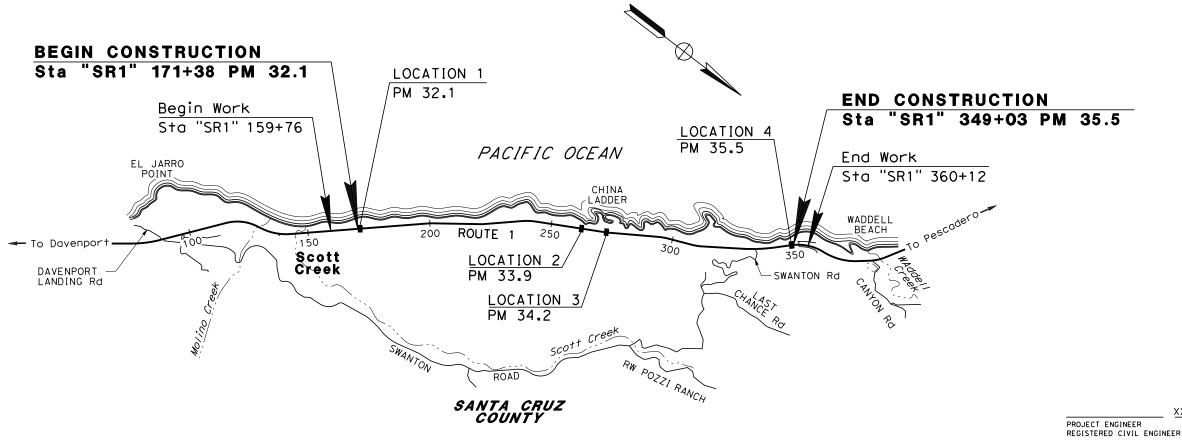
TO BE SUPPLEMENTED BY STANDARD PLANS DATED 2018

THE STANDARD PLANS LIST APPLICABLE TO THIS CONTRACT IS INCLUDED IN THE NOTICE TO BIDDERS AND SPECIAL PROVISIONS BOOK.



POST MILES TOTAL PROJECT

Dist COUNTY



NO SCALE

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

UNIT 1450 PROJECT NUMBER & PHASE 05120000691

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.

XX-XX-XX

BORDER LAST REVISED 8/1/2016 | CALTRANS WEB SITE IS: HTTP//WWW.DOT.CA.GOV/

RELATIVE BORDER SCALE
IS IN INCHES

USERNAME => fdemarco DGN FILE => ...\0512000069ab001.dgn

XX-XX-XX PLANS APPROVAL DATE

CONTRACT No.

PROJECT ID

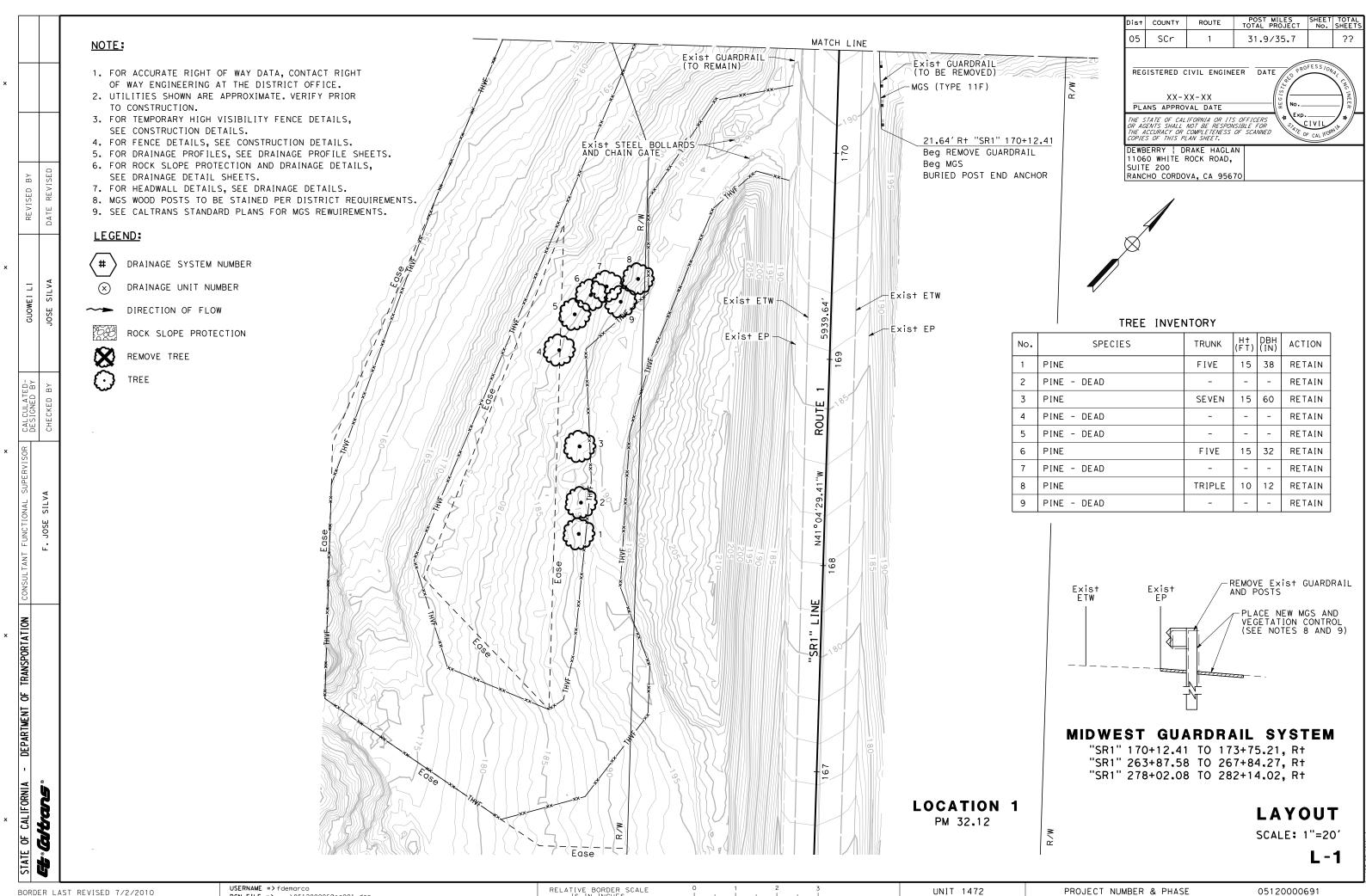
DEWBERRY DRAKE HAGLAN 11060 WHITE ROCK ROAD, SUITE 200 RANCHO CORDOVA, CALIFORNIA 95670

05-0J2004

0512000069

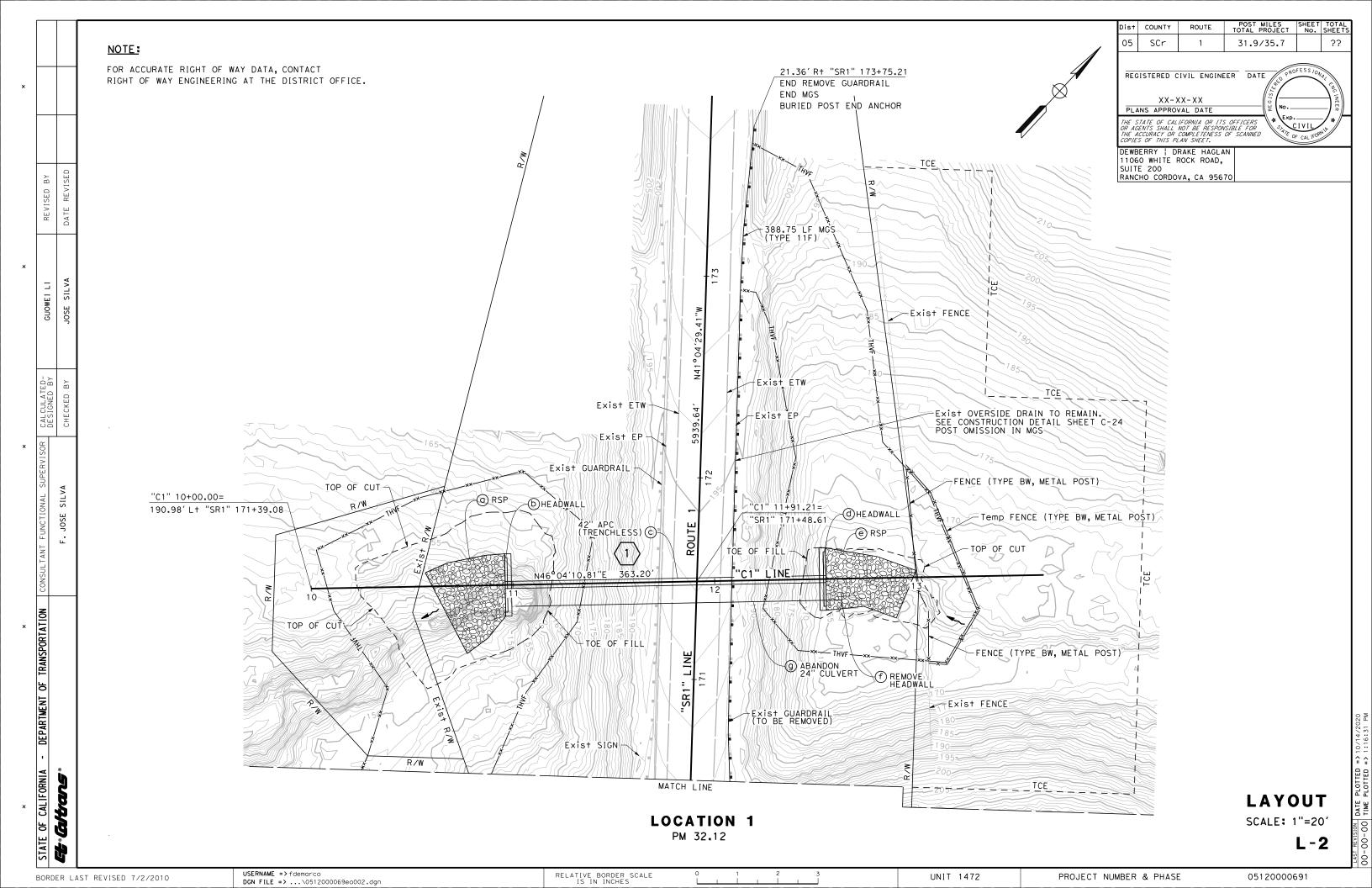
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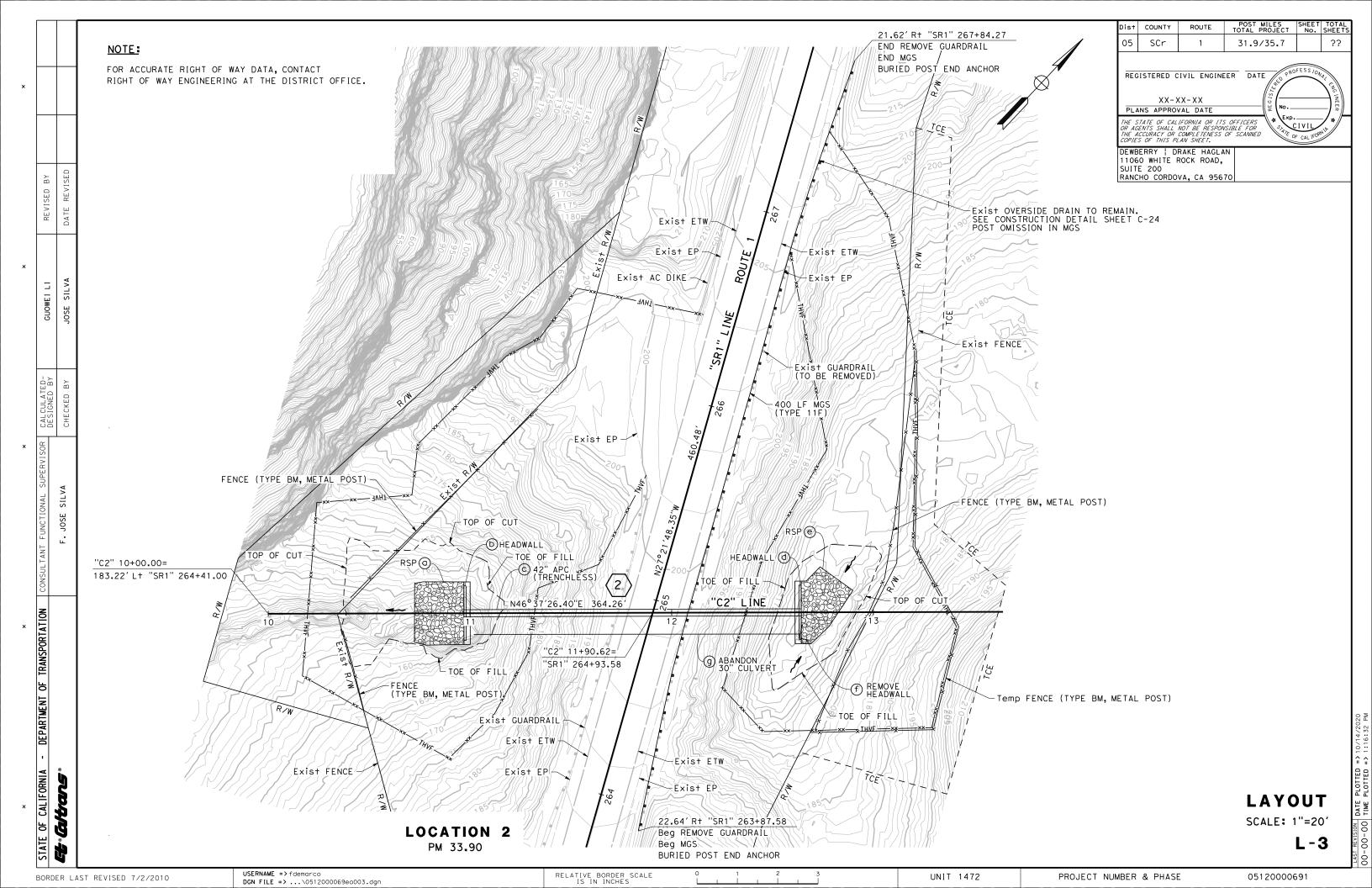
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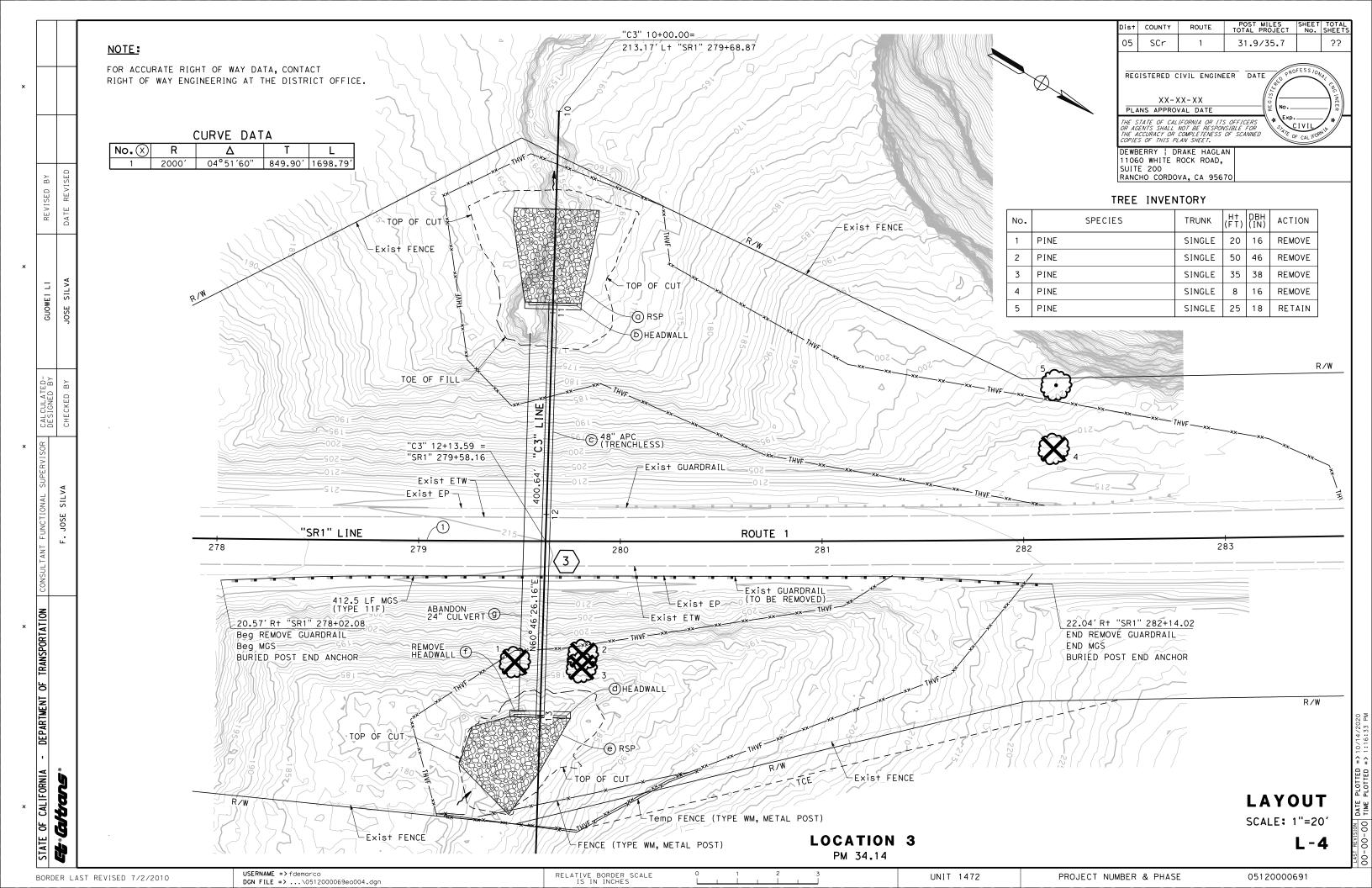


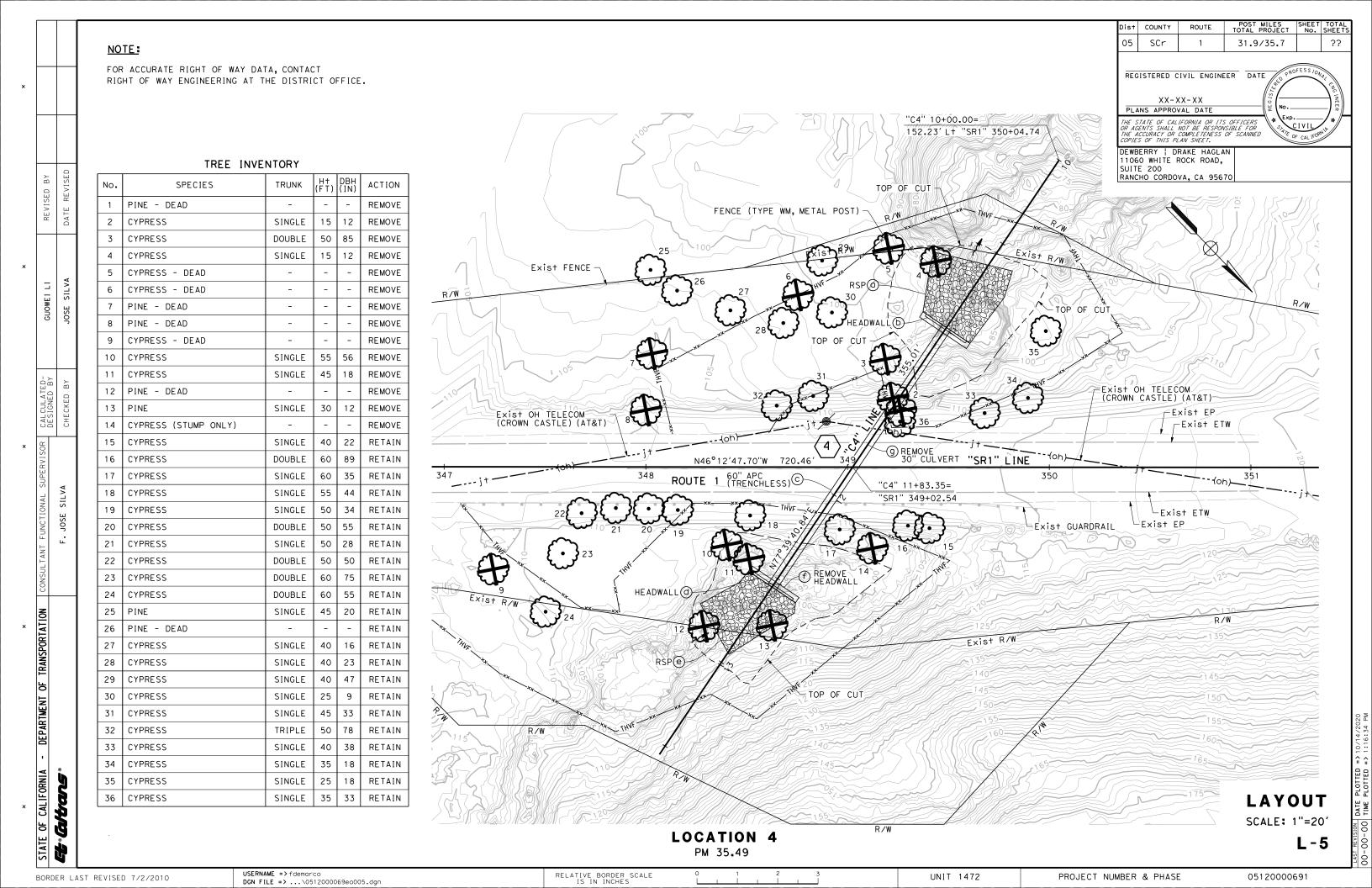
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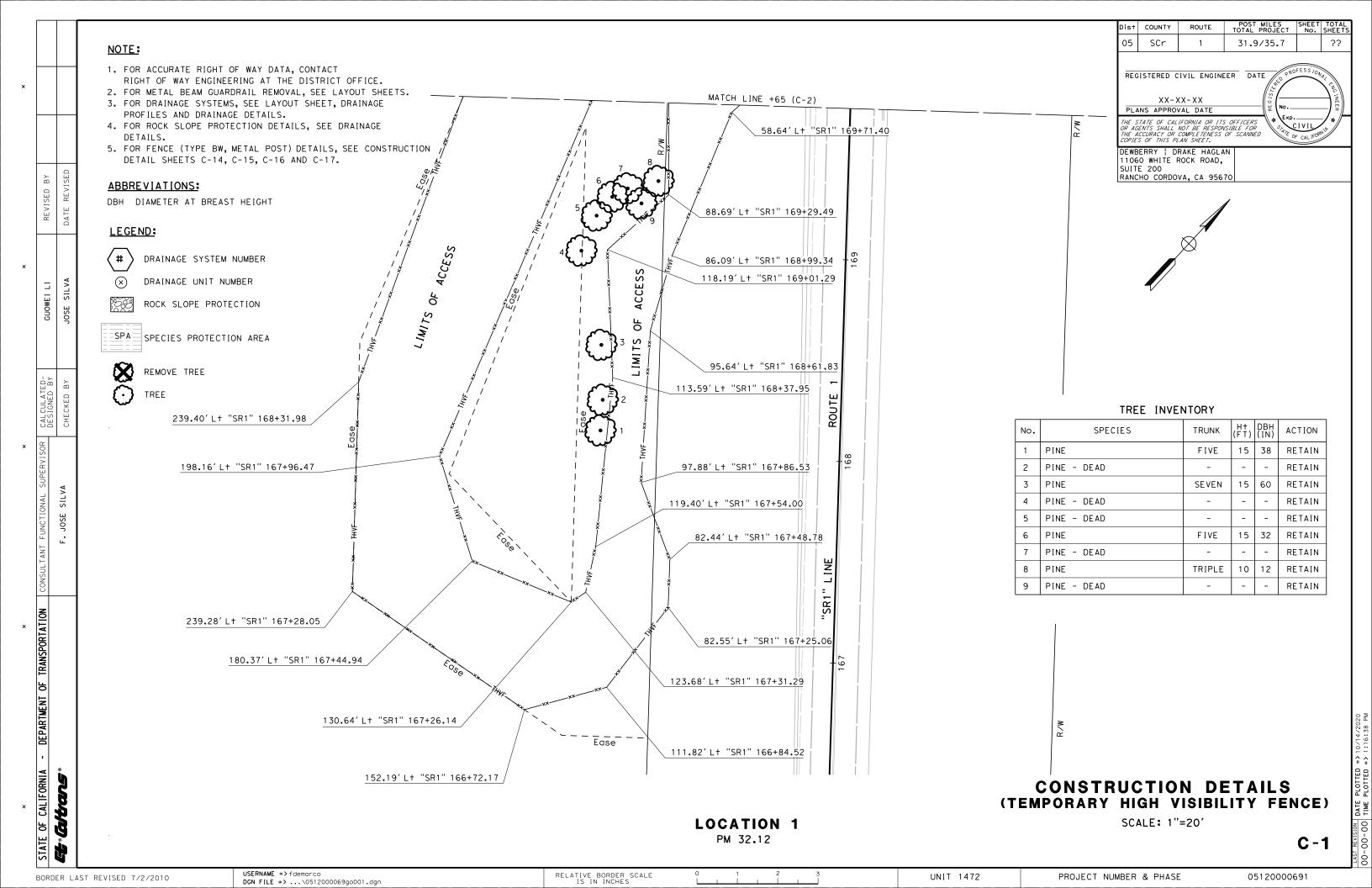
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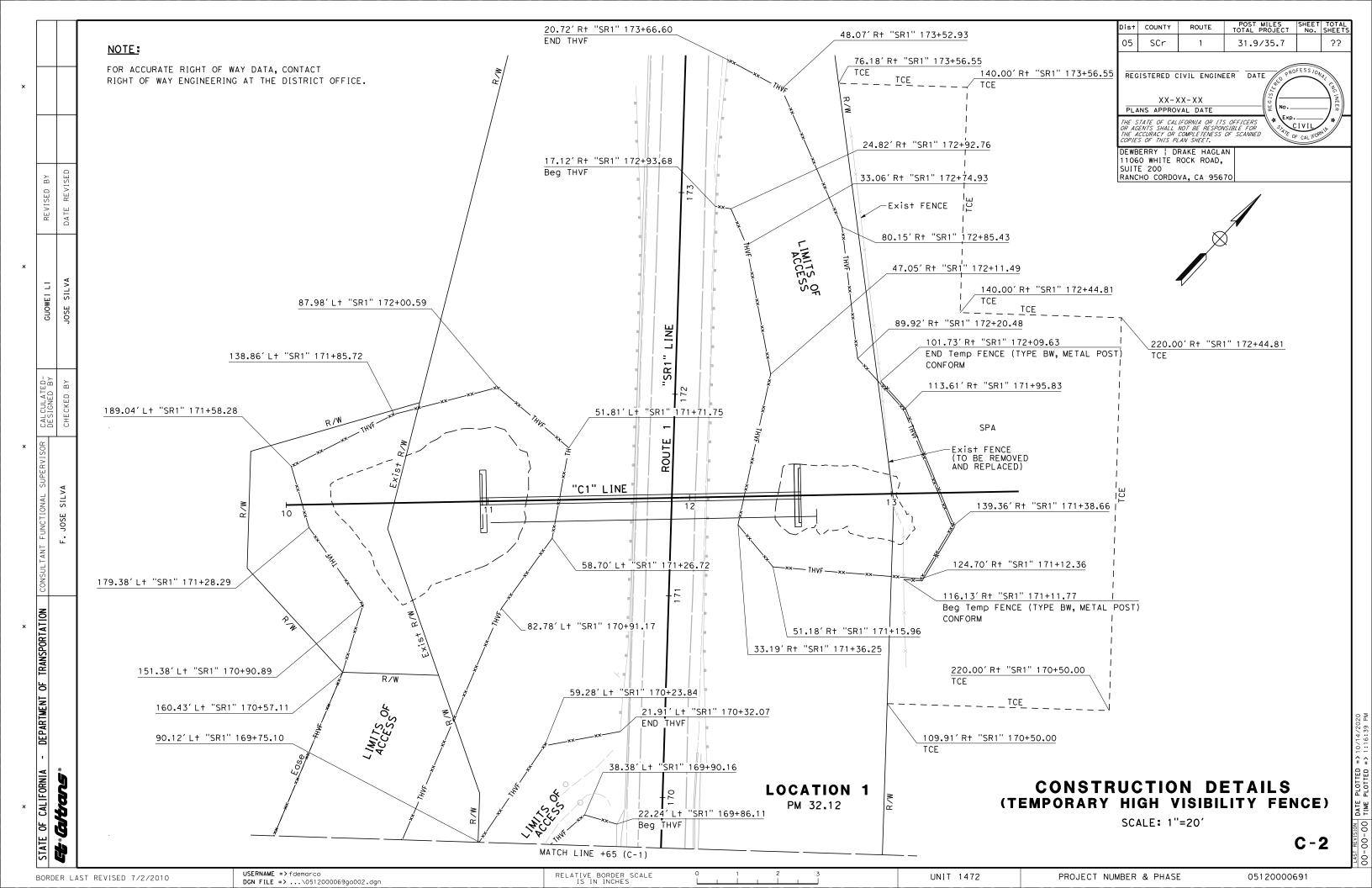


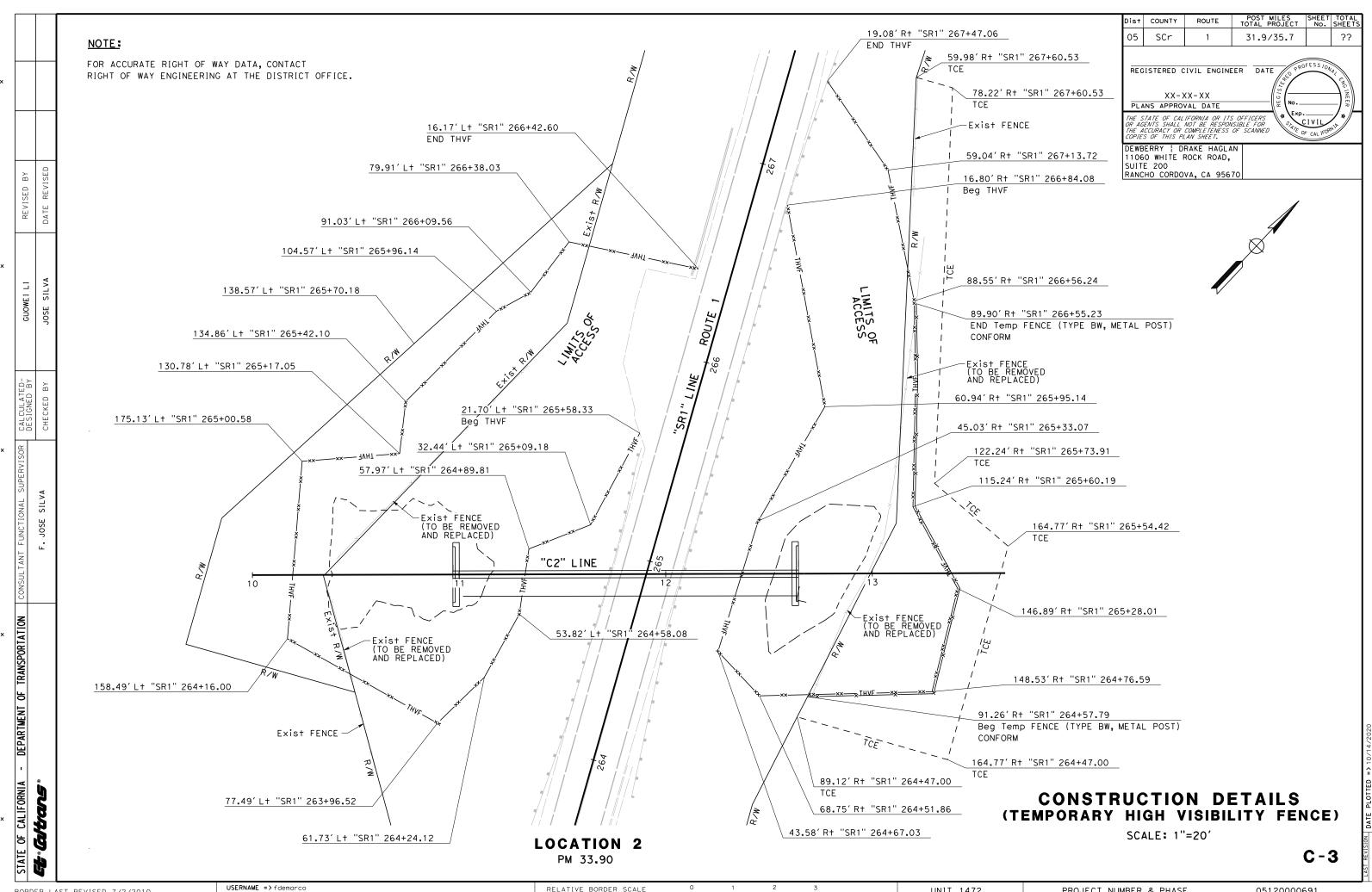






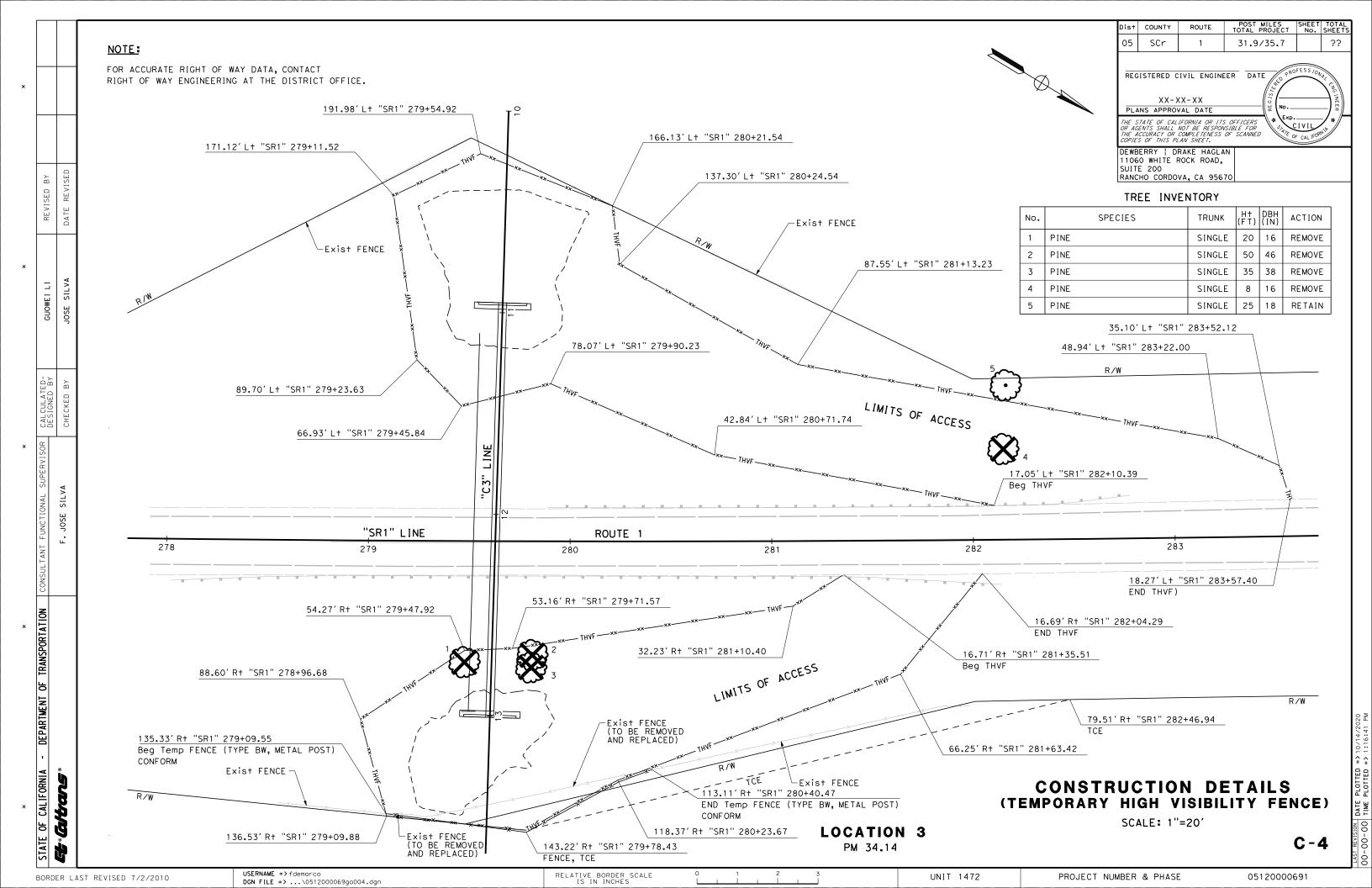




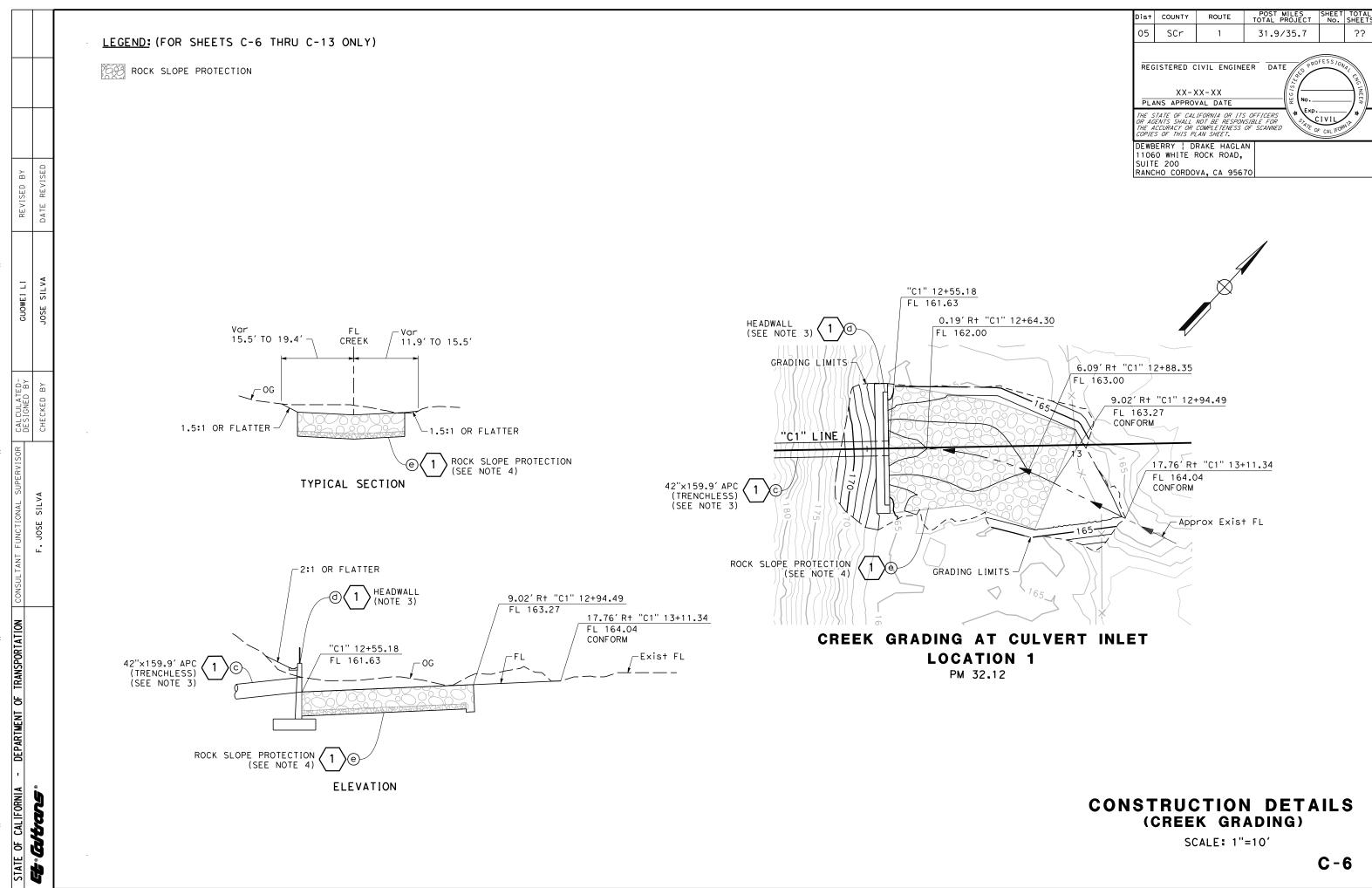


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UNIT 1472



				Dist COUNTY ROUTE POST MILES SHEET TOTAL PROJECT No. SHEETS
	NOTE:			05 SCr 1 31.9/35.7 ??
	FOR ACCURATE RIGHT OF WAY DAT	· ·		REGISTERED CIVIL ENGINEER DATE OF ROFESS 10N4
×	RIGHT OF WAY ENGINEERING AT T			NEOISTENED CIVIL ENGINEER DATE
	TREE IN		128.04′ L+ "SR1"	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
	No. SPECIES	TRUNK H† DBH ACTION		THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED ** CIVIL SATE OF CALIFORNIA THE ACCURACY OR COMPLETENESS OF SCANNED
	1 PINE - DEAD	REMOVE		THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.
	2 CYPRESS	SINGLE 15 12 REMOVE	115.76′L+ "SR1" 349+21.18	DEWBERRY DRAKE HAGLAN A1060 WHITE ROCK ROAD.
BY SED	3 CYPRESS	DOUBLE 50 85 REMOVE	94.73′ L+ "SR1" 348+94.76	\ \SUITE 200 RANCHO CORDOVA, CA 95670
SED E	4 CYPRESS	SINGLE 15 12 REMOVE		
REVIS ATE R	5 CYPRESS - DEAD	REMOVE	48.75′ L+ "SR1" 349+16.20	115.02' L+ "SR1" 350+07.06
DA DA	6 CYPRESS - DEAD	REMOVE		R/W XX XX RW
	7 PINE - DEAD	REMOVE	19.62' L+ "SR1" 349+21.78	
x	8 PINE - DEAD	REMOVE	COS STATE OF THE PARTY OF THE P	Exist R/W
	9 CYPRESS - DEAD	REMOVE	Exist FENCE 26	5/ 4 Frict FENCE
OWE! L!	10 CYPRESS	SINGLE 55 56 REMOVE	R/W 27 30	Exist FENCE (TO BE REMOVED AND REPLACED) R/W
GUOW	11 CYPRESS	SINGLE 45 18 REMOVE	31.37 LT SRT 348+12.30	
]	12 PINE - DEAD	REMOVE	16.10' L+ "SR1" 348+60.47	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
	13 PINE	SINGLE 30 12 REMOVE	48.46' L+ "SR1" 348+05.07	66.66′ L+ "SR1" 350+36.19
	14 CYPRESS (STUMP ONLY)	REMOVE	17.68' R+ "SR1" 346+74.51	
ED- BY BY	15 CYPRESS	SINGLE 40 22 RETAIN	16.33' L+ "SR1" 348+13.24	34 NAT - 1 OA / 1 - 1 OF A 1 O
UL AT SNED KED	16 CYPRESS	DOUBLE 60 89 RETAIN	32	44.04′ L† "SR1" 350+01.03
CALCULAT DESIGNED CHECKED	17 CYPRESS	SINGLE 60 35 RETAIN	18.12' R+ "SR1" 347+08.04 8	
~	18 CYPRESS	SINGLE 55 44 RETAIN		20.03' L+ "SR1" 349+43.88
x \ \ \ \ \ \ \ \ \ \ \ \ \	19 CYPRESS 20 CYPRESS	SINGLE 50 34 RETAIN DOUBLE 50 55 RETAIN	17.96' R+ "SR1" 348+22.98 "SR1" LINE 349	N46°12′47.70"W 720.46′
PER	21 CYPRESS	SINGLE 50 28 RETAIN	747	23.81' R+ "SR1" 348+94.91 350 351
L SU	22 CYPRESS	DOUBLE 50 50 RETAIN	22 21 20 19 ROUTE 1	
IONA S 11	23 CYPRESS	DOUBLE 60 75 RETAIN	62.32' Rt "SR1" 346+76.87	
JNCTI	24 CYPRESS	DOUBLE 60 55 RETAIN	40.72′ Rt "SR1" 347+27.22± 18	46.29' Rt "SR1" 349+50.70
H	25 PINE	SINGLE 45 20 RETAIN		15
LTAN	26 PINE - DEAD	RETAIN		No.
nsnc	27 CYPRESS	SINGLE 40 16 RETAIN		
ŏ	28 CYPRESS	SINGLE 40 23 RETAIN	9 24 14	
<u>80</u>	29 CYPRESS	SINGLE 40 47 RETAIN		R/W
× SPORTATION	30 CYPRESS	SINGLE 25 9 RETAIN	the the Exist R/W Exist R/W 12 13	
SPOF	31 CYPRESS	SINGLE 45 33 RETAIN	13/ 13/	Exist R/W
TRAN	32 CYPRESS	TRIPLE 50 78 RETAIN		
씽	33 CYPRESS	SINGLE 40 38 RETAIN		
ENT	34 CYPRESS	SINGLE 35 18 RETAIN	TOP OF CUT	/
NR TM	35 CYPRESS	SINGLE 25 18 RETAIN	THUF XX	1000
DEP/	36 CYPRESS	SINGLE 35 33 RETAIN	/ R/W / \	\\ \sigma_1 \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\
		102.33′	Rt "SR1" 347+27.51 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	18+55.06
		69.7	8' R+ "SR1" 347+67.83	
CAL IFORNIA			56.23' R+ "SR1" 347+84.23 \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\	
× Z			71.93′ R+ "SR1" 347+87.13	(TEMPORARY HIGH VISIBILITY FENCE)
5 B			LOCATION 4 131.18' R+ "SR1" 347+85.09	SCALE: 1"=20'
TATE			LOCATION 4 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	C - 5
S		AME =>fdemarco		N C
BORDER LA		ILE =>\0512000069ga005.dgn	RELATIVE BORDER SCALE 0 1 2 3 IS IN INCHES	UNIT 1472 PROJECT NUMBER & PHASE 05120000691

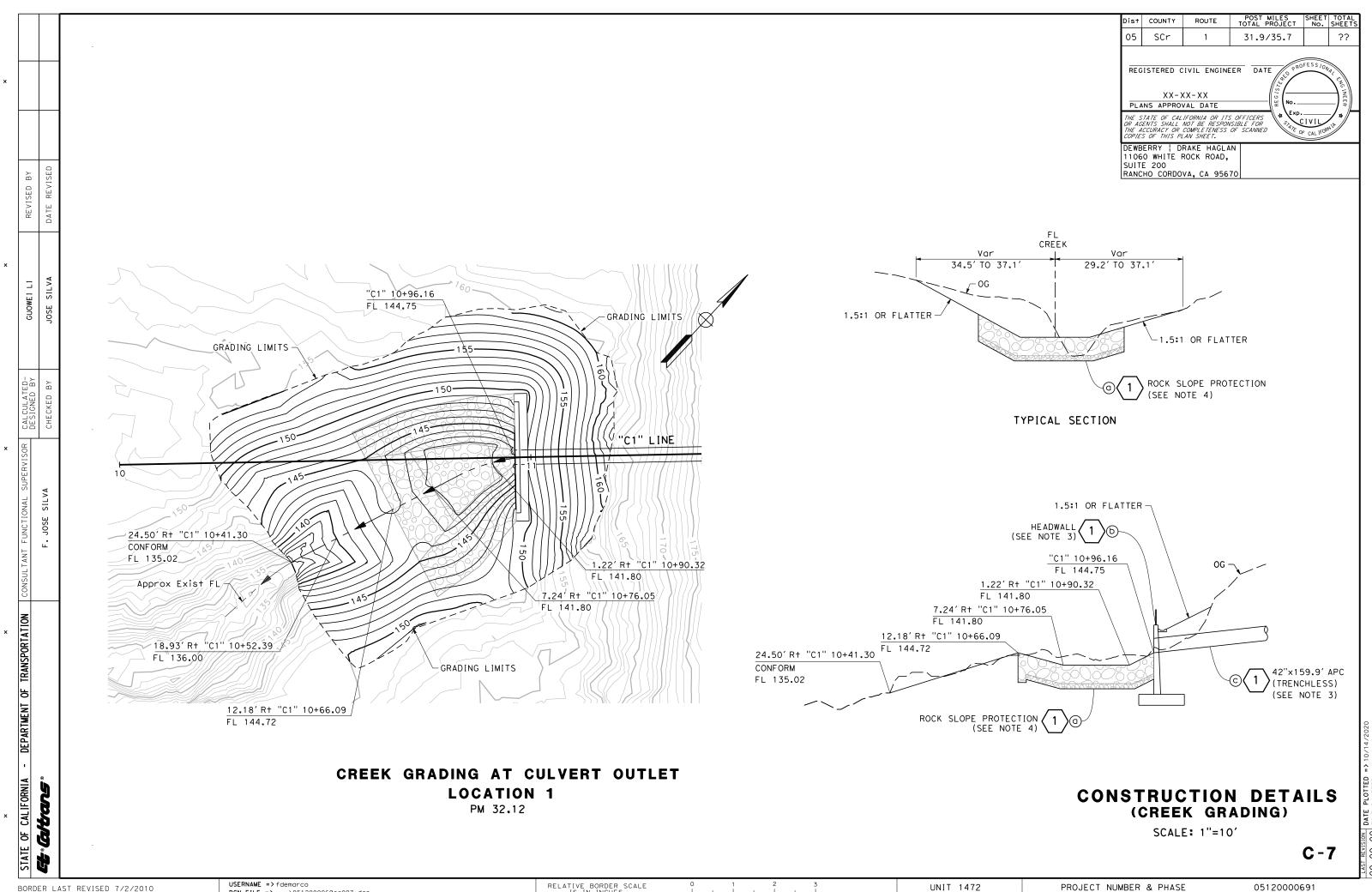


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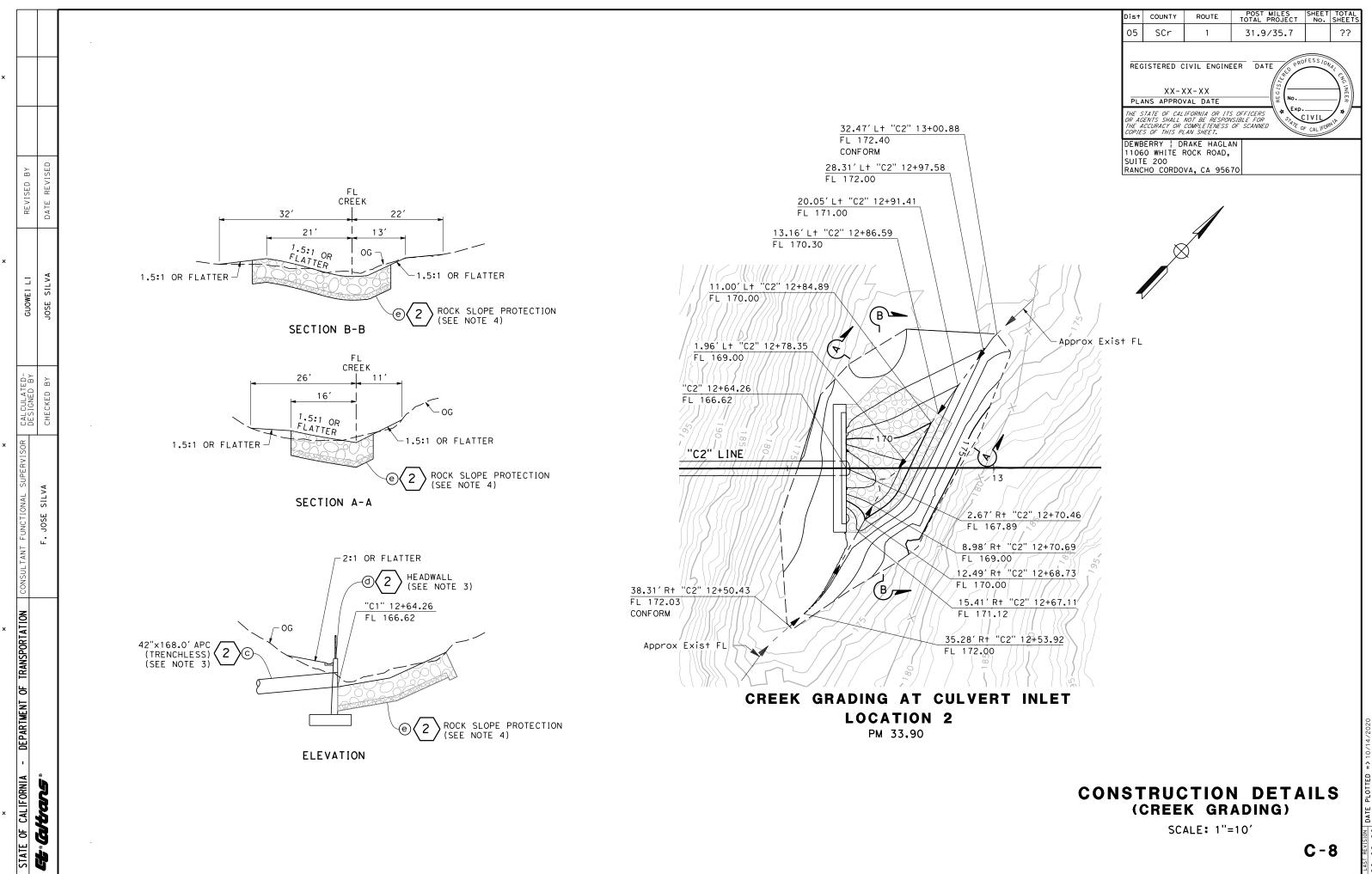
PROJECT NUMBER & PHASE

05120000691

UNIT 1472



RELATIVE BORDER SCALE IS IN INCHES UNIT 1472 PROJECT NUMBER & PHASE DGN FILE => ...\0512000069ga007.dgn

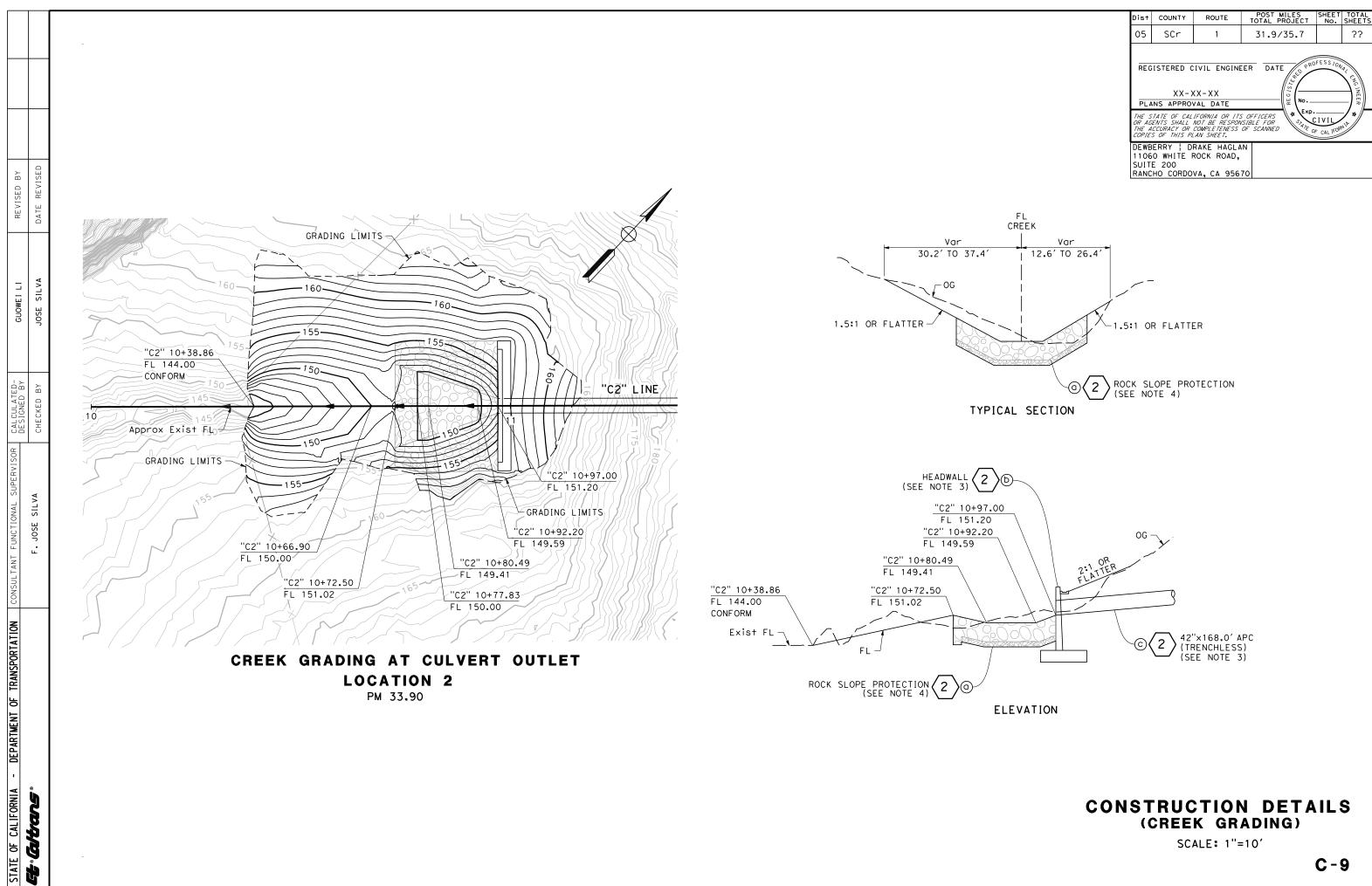


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UNIT 1472

05120000691

RELATIVE BORDER SCALE IS IN INCHES



USERNAME => fdemarco

RELATIVE BORDER SCALE IS IN INCHES

UNIT 1472

05120000691

BORDER LAST REVISED 7/2/2010

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PINE

PINE

2

CONSTRUCTION DETAILS

(CREEK GRADING) SCALE: 1"=10'

05120000691

BORDER LAST REVISED 7/2/2010

altars

USERNAME => fdemarco DGN FILE => ...\0512000069ga010.dgn RELATIVE BORDER SCALE IS IN INCHES

SINGLE

SINGLE 35

50 46

38

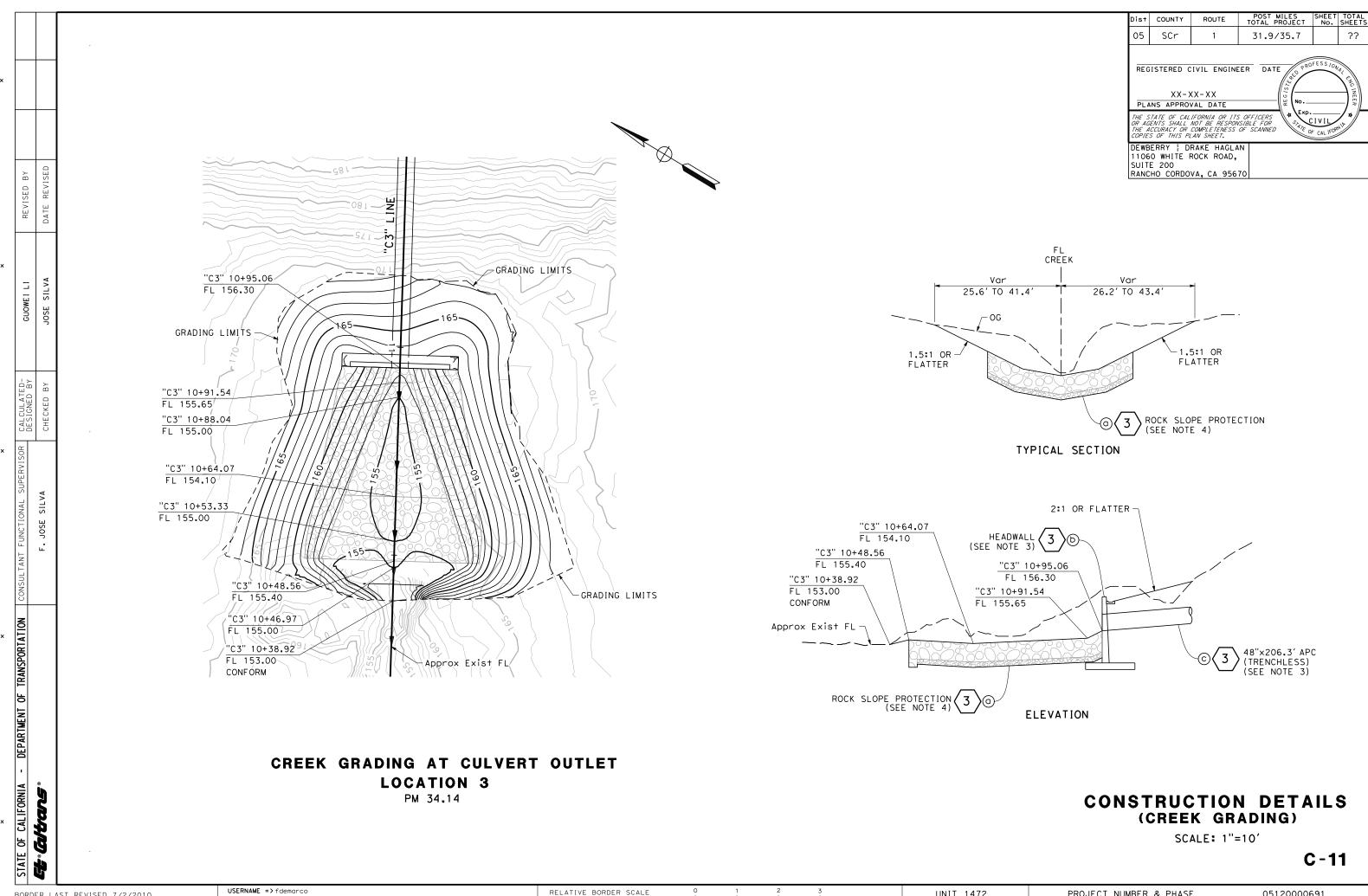
REMOVE

REMOVE

UNIT 1472

PROJECT NUMBER & PHASE

C-10



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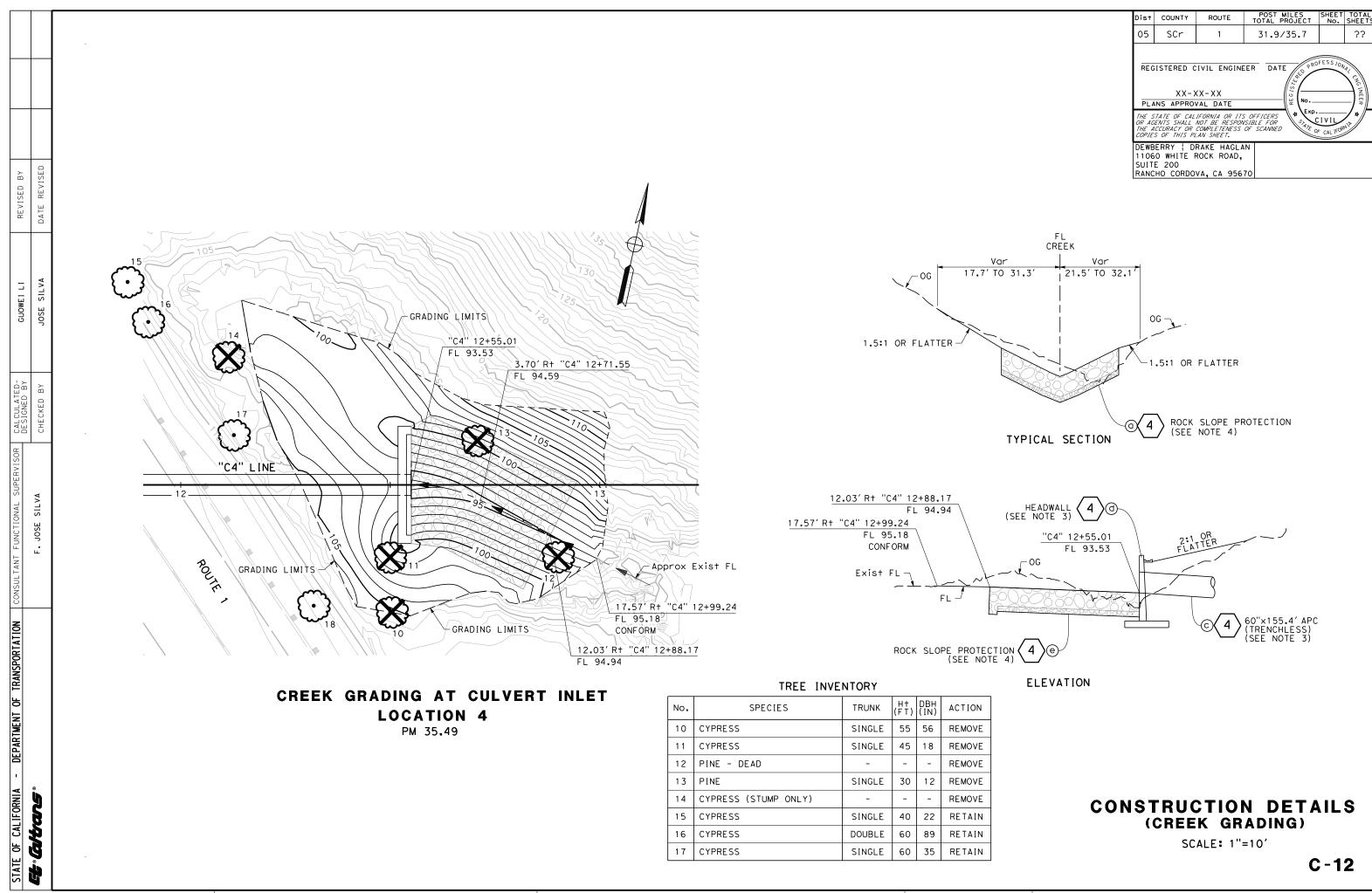
PROJECT NUMBER & PHASE

05120000691

BORDER LAST REVISED 7/2/2010

RELATIVE BORDER SCALE IS IN INCHES

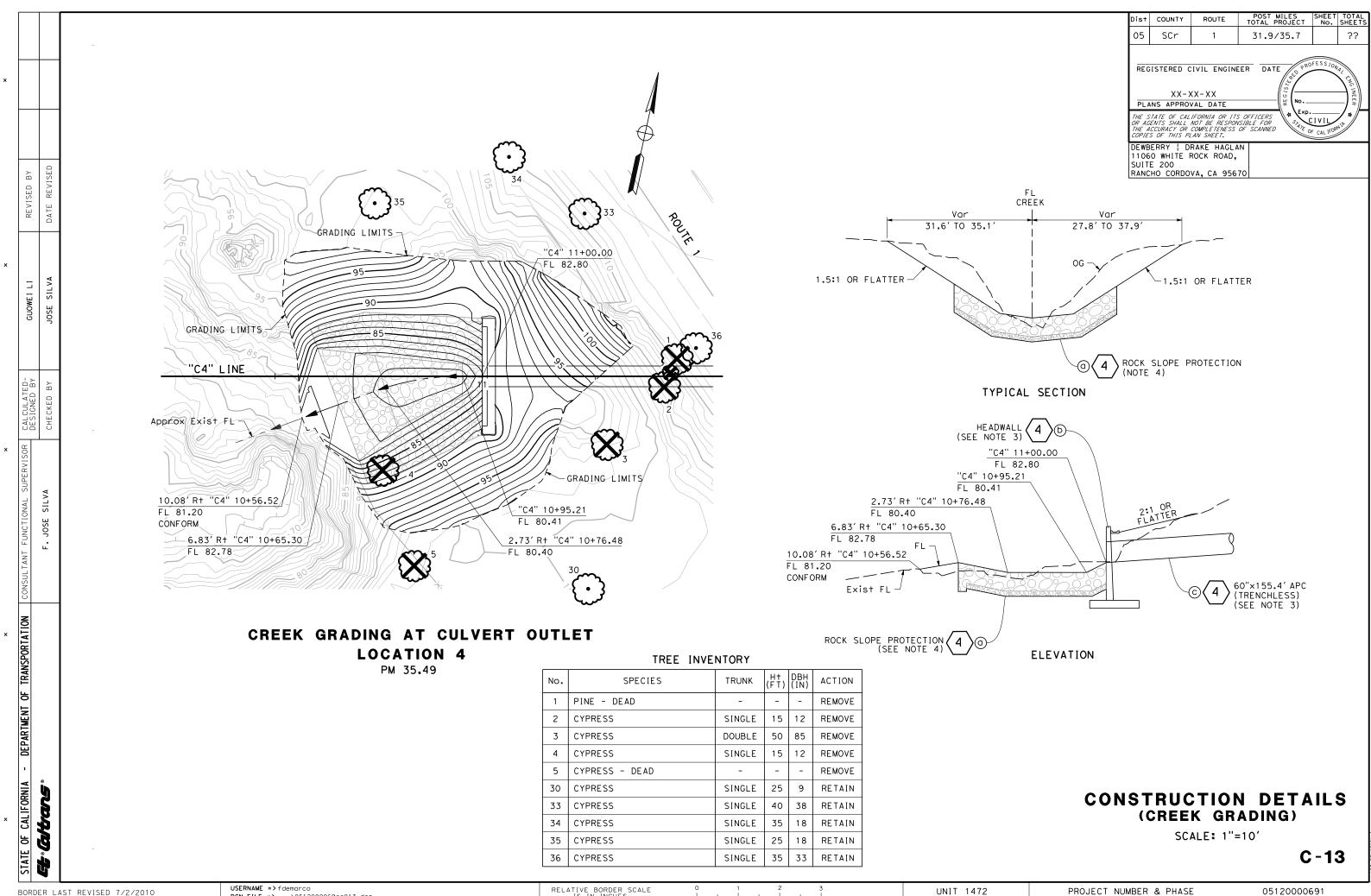
UNIT 1472



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UNIT 1472

05120000691

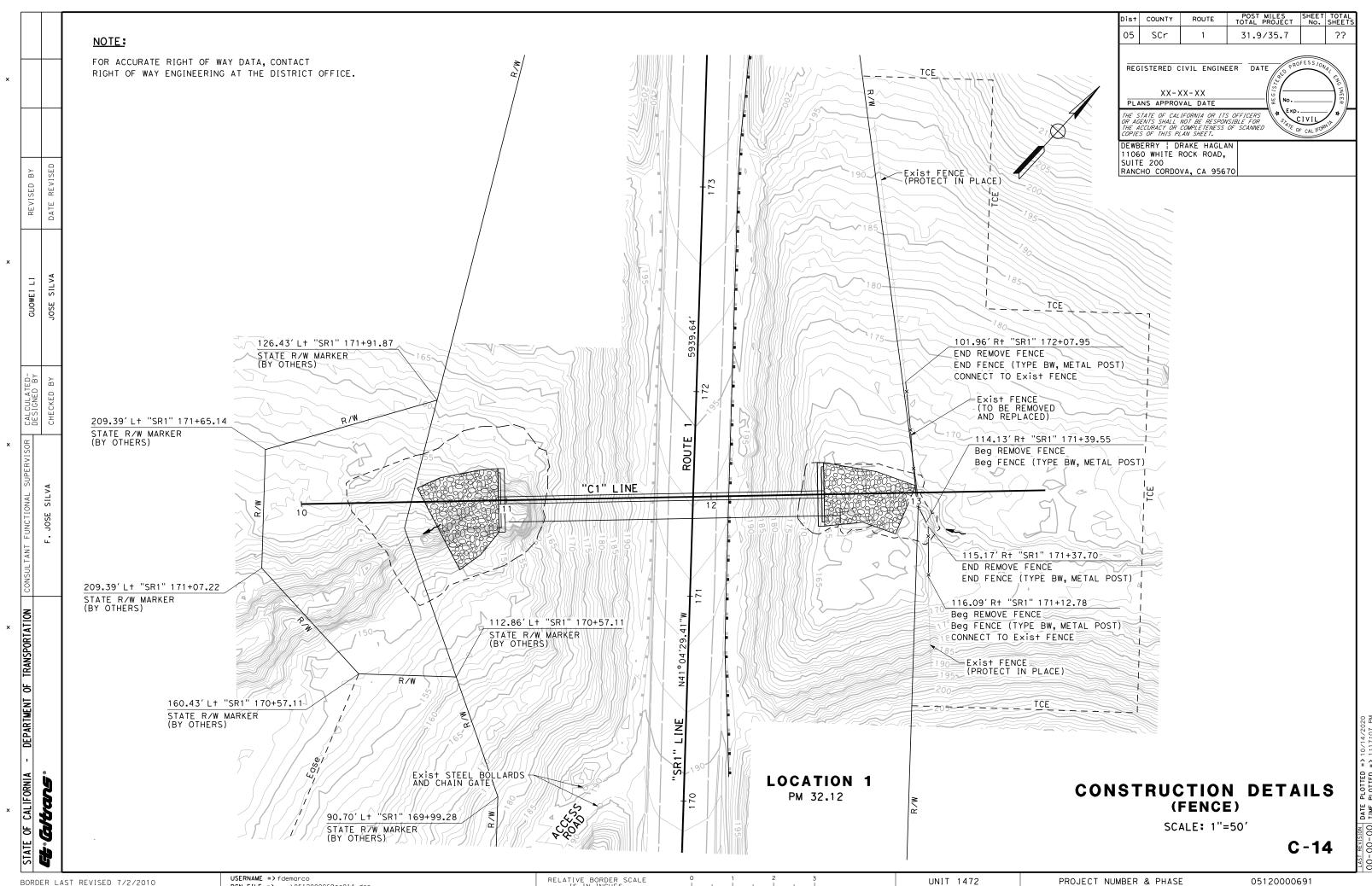


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UNIT 1472

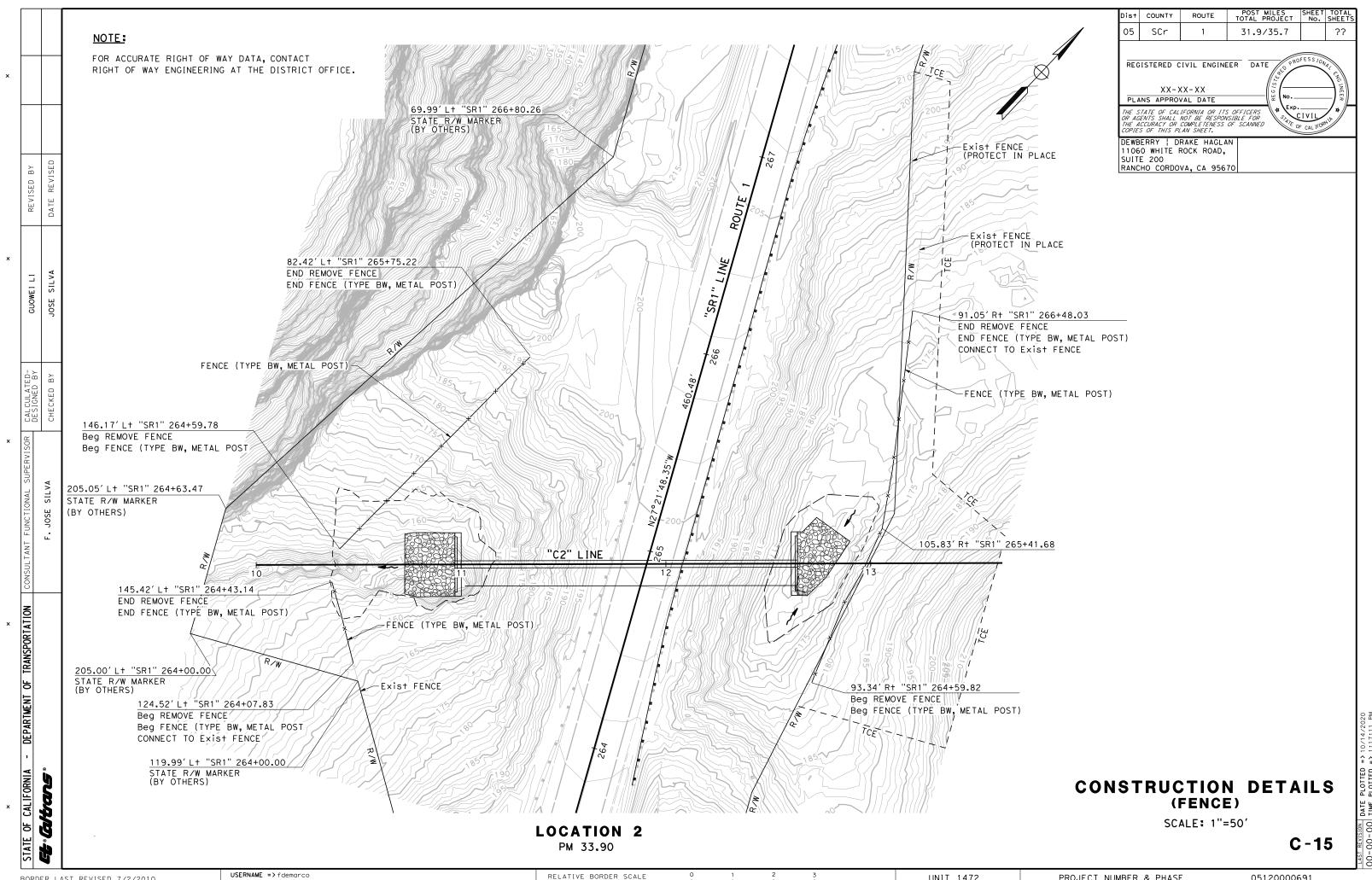
PROJECT NUMBER & PHASE

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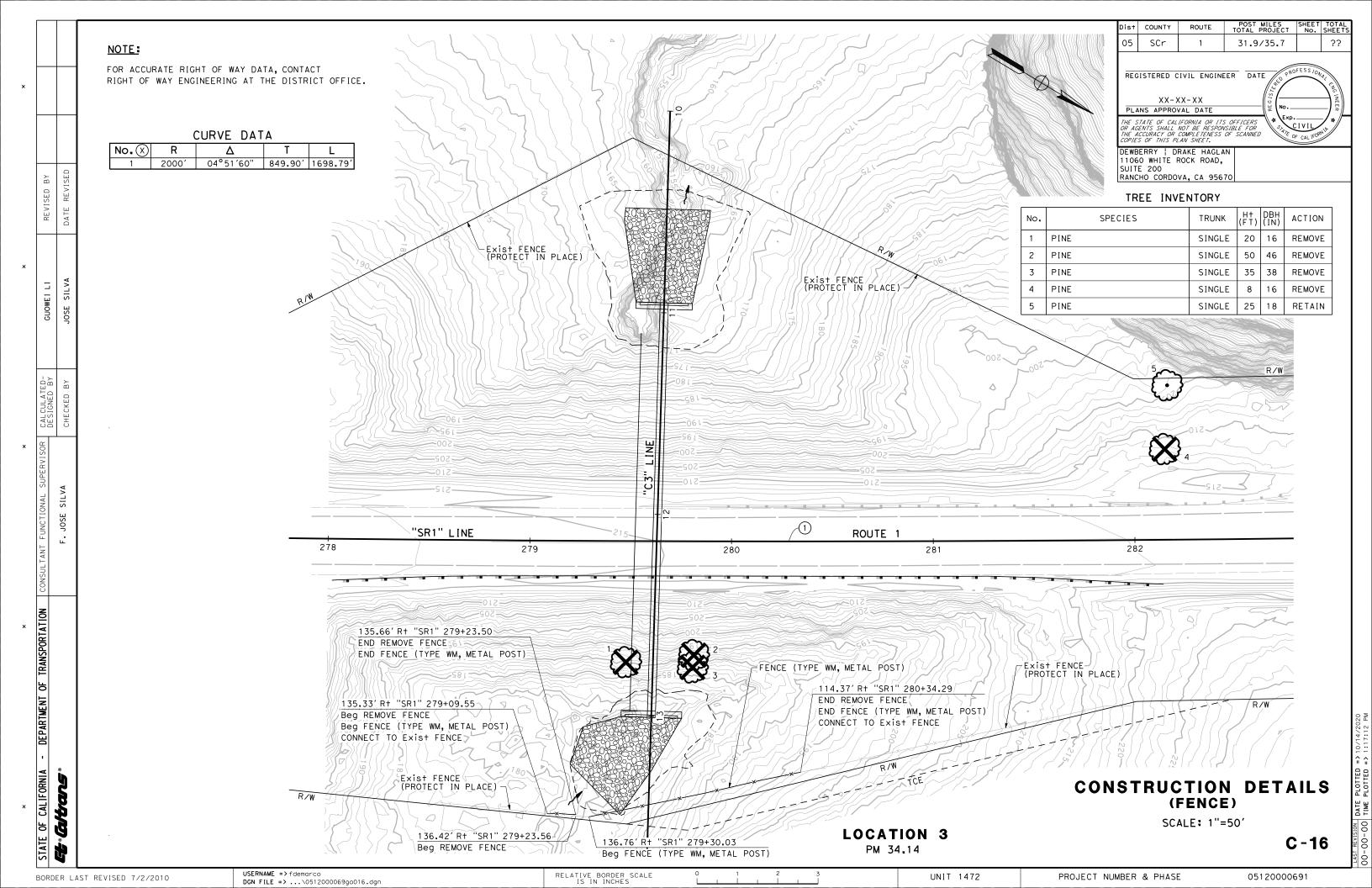
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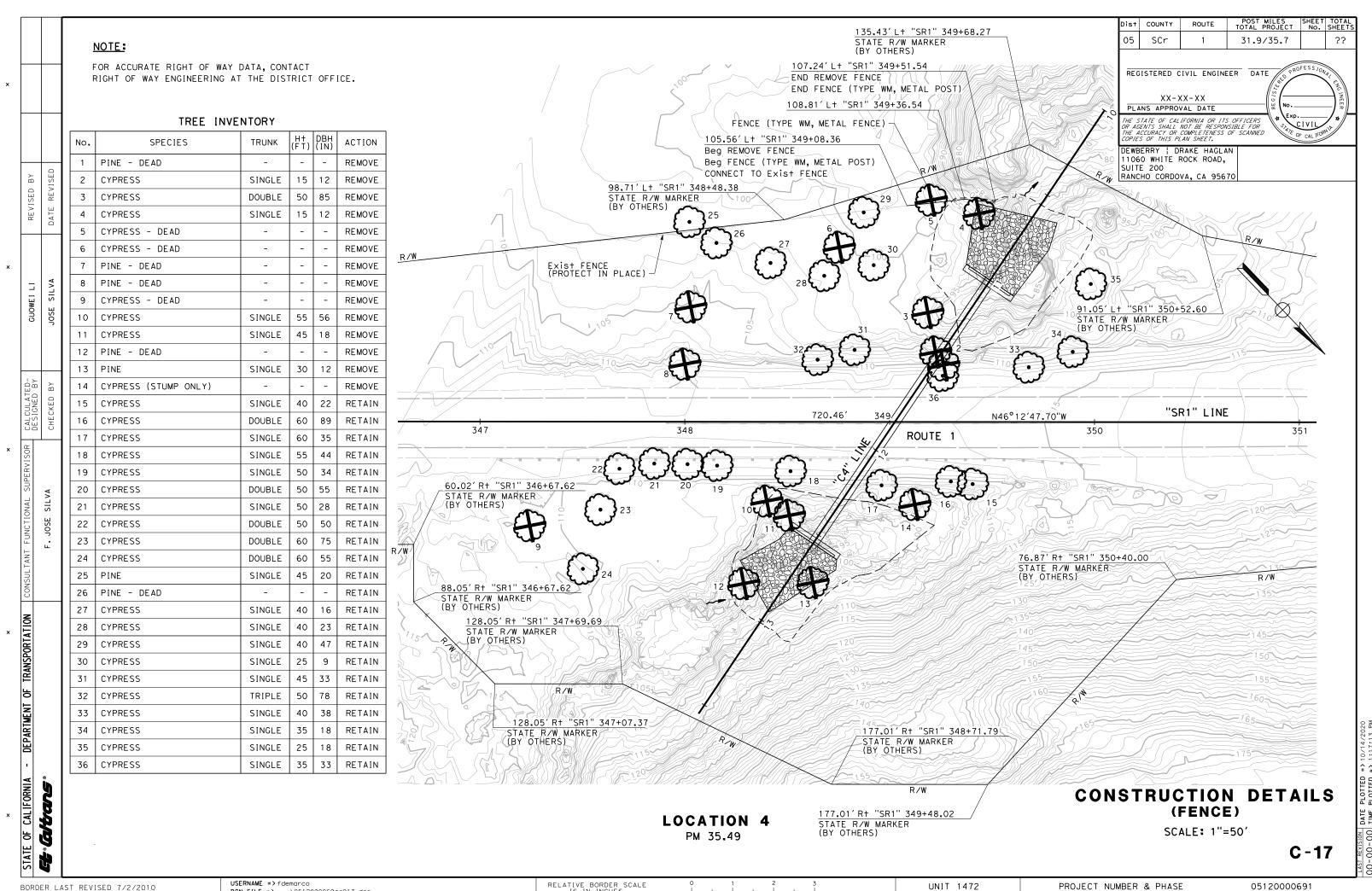
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PROJECT NUMBER & PHASE

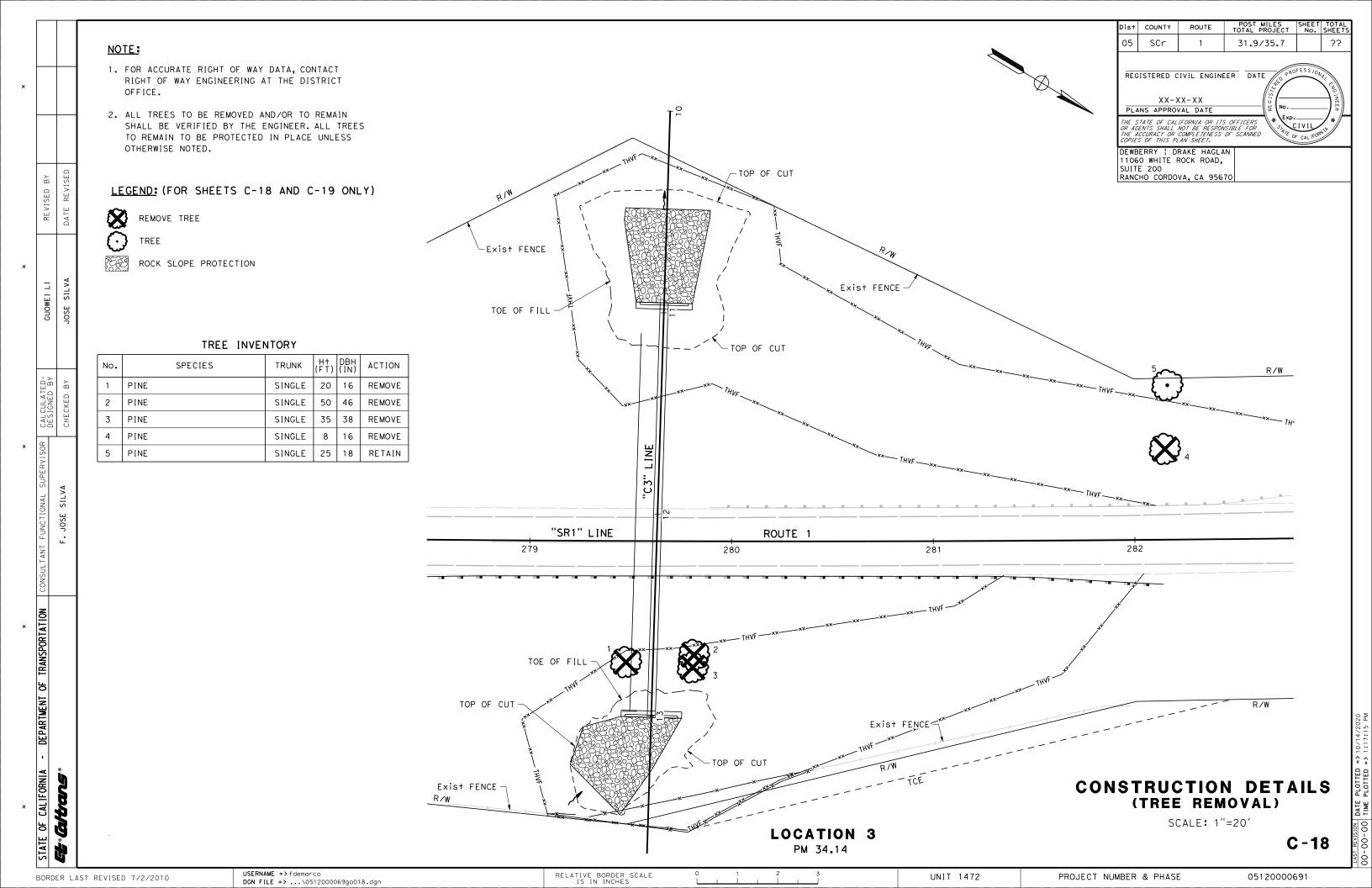
UNIT 1472





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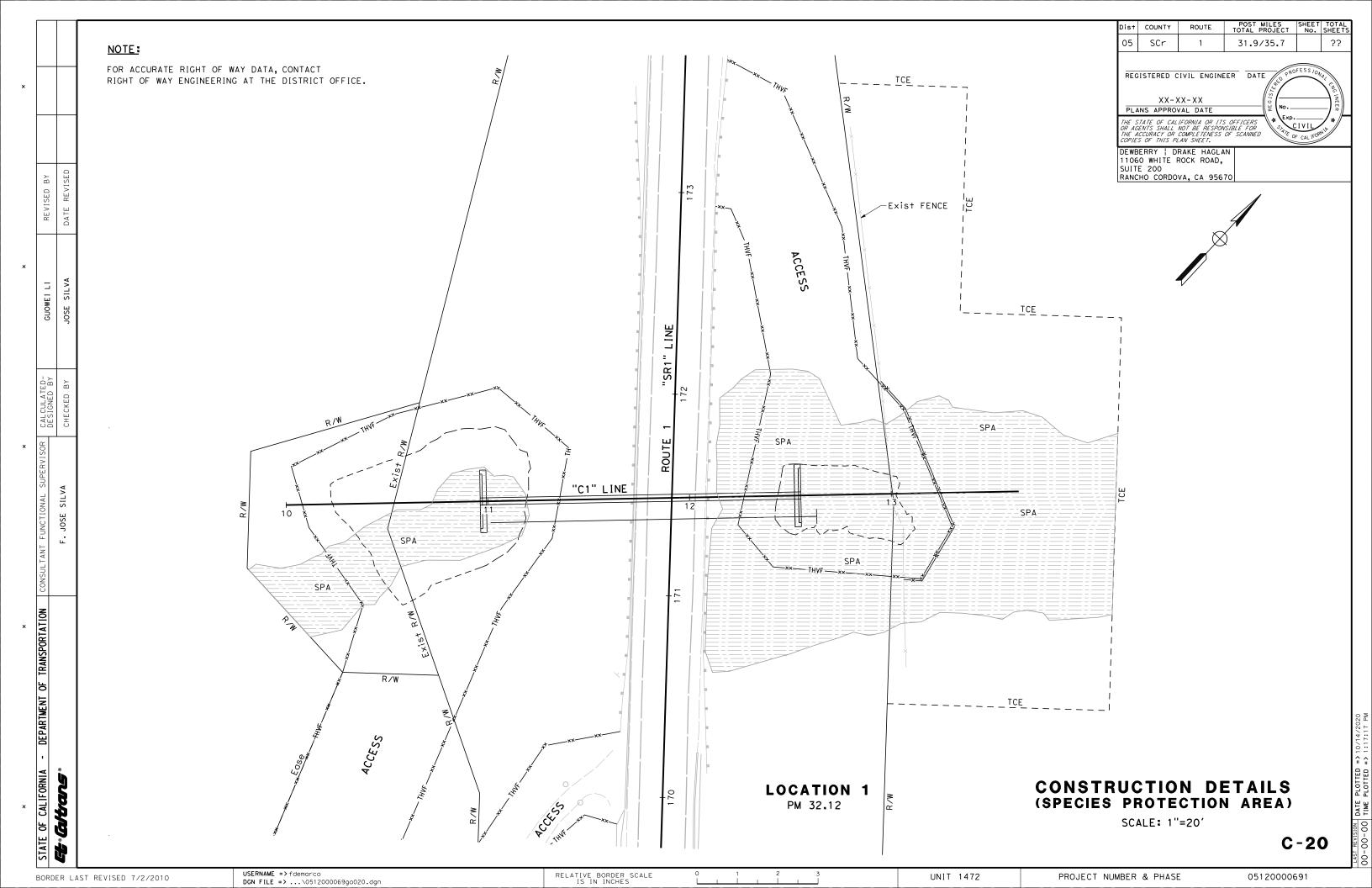
Dist COUNTY 05 SCr 31.9/35.7 NOTE: FOR ACCURATE RIGHT OF WAY DATA, CONTACT REGISTERED CIVIL ENGINEER DATE RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE. XX-XX-XXPLANS APPROVAL DATE THE STATE OF CALIFORNIA OR ITS OFFICERS
OF AGENTS SHALL NOT BE RESPONSIBLE FOR
HE ACCURACY OR COMPLETENESS OF SCANNED
OPIES OF THIS PLAN SHEET. TREE INVENTORY DBH (IN) SPECIES ACTION TRUNK DEWBERRY | DRAKE HAGLAN 1060 WHITE ROCK ROAD, PINE - DEAD REMOVE RANCHO CORDOVA, CA 9567 **CYPRESS** SINGLE 15 12 REMOVE DOUBLE 50 85 CYPRESS REMOVE **CYPRESS** SINGLE 15 | 12 REMOVE R/W CYPRESS - DEAD REMOVE CYPRESS - DEAD REMOVE PINE - DEAD REMOVE SILVA PROTECT IN PLACE PINE - DEAD REMOVE PROTECT IN PLACE CYPRESS - DEAD REMOVE JOSE 55 | 56 10 **CYPRESS** SINGLE REMOVE 45 18 CYPRESS SINGLE REMOVE 11 12 PINE - DEAD REMOVE PROTECT IN PLACE 13 SINGLE 30 12 REMOVE PROTECT IN PLACE CYPRESS (STUMP ONLY) REMOVE "SR1" LINE -PROTECT IN PLACE: 15 CYPRESS 40 RETAIN SINGLE 22 348 ROUTE 1 16 CYPRESS DOUBLE 60 89 RETAIN PROTECT IN PLACE **CYPRESS** SINGLE 60 35 RETAIN 18 CYPRESS SINGLE 55 44 RETAIN 19 CYPRESS SINGLE 50 34 RETAIN 20 CYPRESS DOUBLE 50 | 55 RETAIN TOE OF FILL **CYPRESS** SINGLE 50 28 RETAIN 22 CYPRESS DOUBLE 50 50 RETAIN 23 **CYPRESS** DOUBLE 60 75 RETAIN TOE OF FILL 24 **CYPRESS** DOUBLE 60 55 RETAIN PROTECT IN PLACE 25 SINGLE 45 20 RETAIN PINE RETAIN PINE - DEAD 26 **CYPRESS** 40 RETAIN 27 SINGLE 16 DEPARTMENT OF TRANSPORTATION TOP OF CUT 28 **CYPRESS** SINGLE 40 23 RETAIN 47 29 **CYPRESS** SINGLE 40 RETAIN 30 CYPRESS SINGLE 25 RETAIN R/W 31 **CYPRESS** SINGLE 45 | 33 RETAIN 32 **CYPRESS** TRIPLE 50 78 RETAIN 33 CYPRESS SINGLE 40 | 38 RETAIN 35 34 CYPRESS SINGLE 18 RETAIN 35 **CYPRESS** SINGLE 25 18 RETAIN 35 33 36 **CYPRESS** SINGLE RETAIN CAL IFORNIA **Gitrans CONSTRUCTION DETAILS LOCATION 4** (TREE REMOVAL) PM 35.49 SCALE: 1"=20' 능

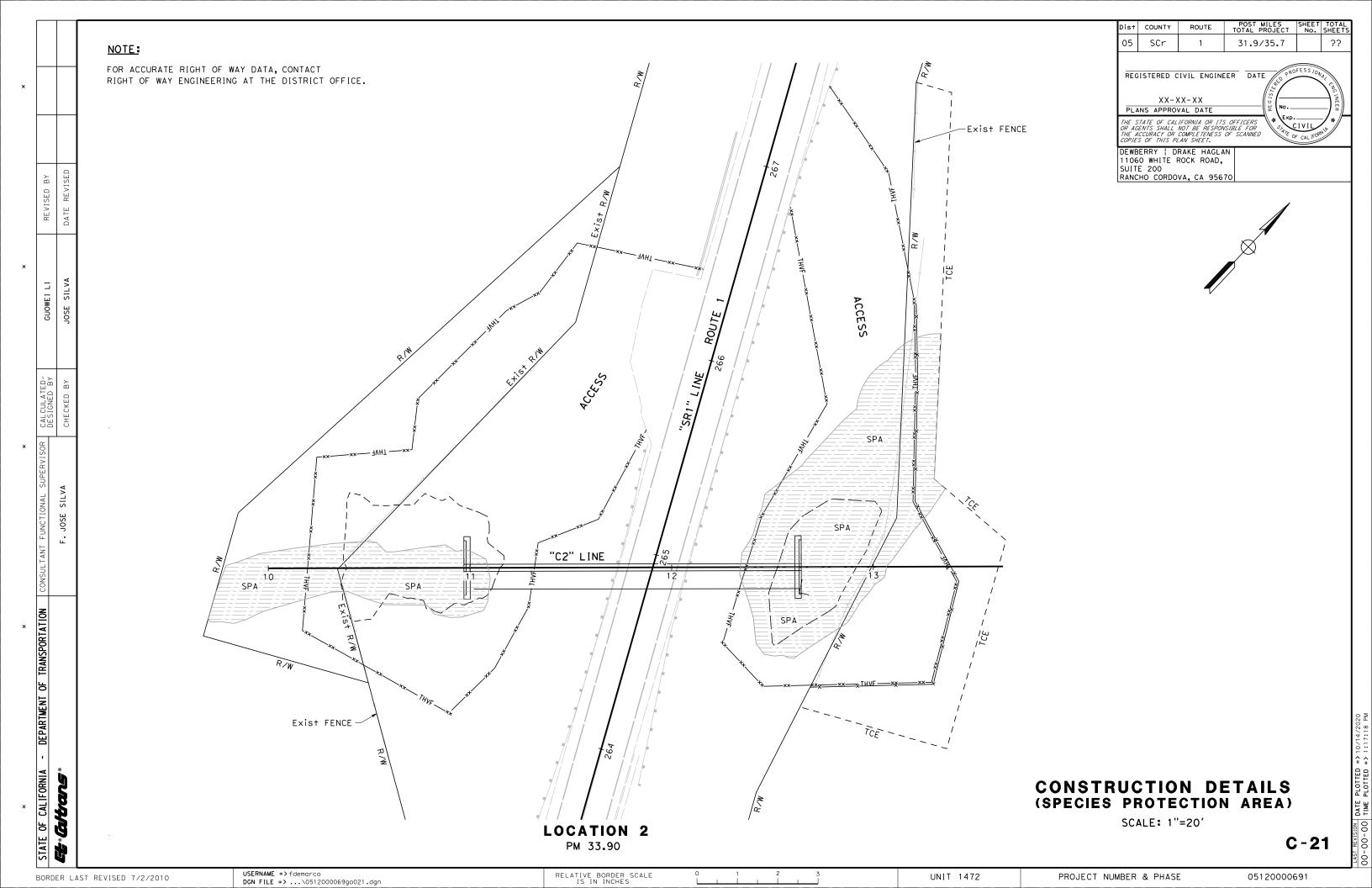
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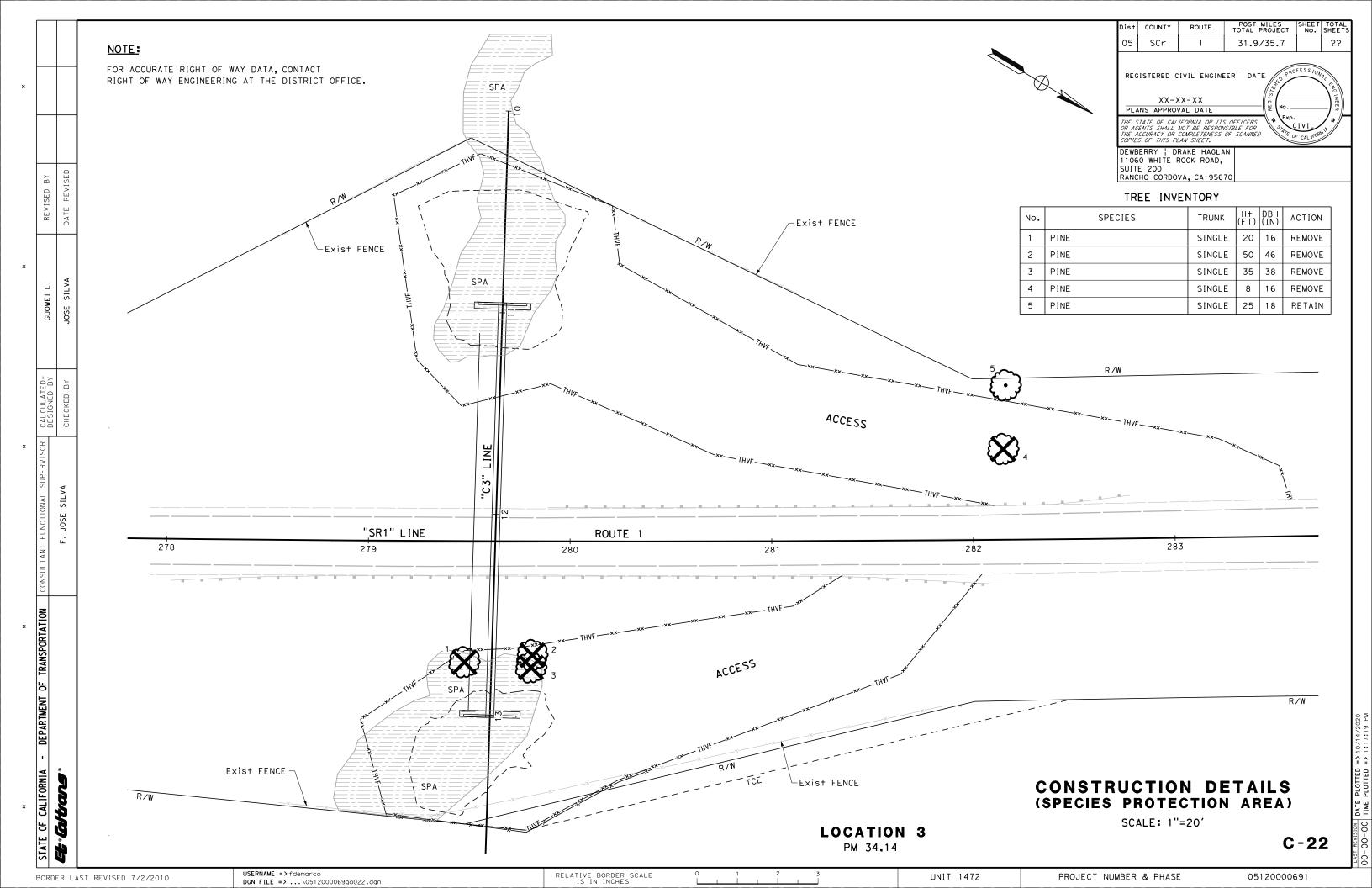
PROJECT NUMBER & PHASE

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C-19







POST MILES SHEET TOTAL TOTAL PROJECT No. SHEETS Dist COUNTY 05 SCr 31.9/35.7 ?? NOTE: FOR ACCURATE RIGHT OF WAY DATA, CONTACT REGISTERED CIVIL ENGINEER DATE RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE. XX-XX-XXPLANS APPROVAL DATE THE STATE OF CALIFORNIA OR ITS OFFICERS
OR AGENTS SHALL NOT BE RESPONSIBLE FOR
THE ACCURACY OR COMPLETENESS OF SCANNED
TOPIES OF THIS PLAN SHEET. CIVIL TREE INVENTORY H+ DBH (FT) (IN) SPECIES ACTION TRUNK No. DEWBERRY | DRAKE HAGLAN SPA 1060 WHITE ROCK ROAD, PINE - DEAD REMOVE RANCHO CORDOVA, CA 95670 Exist R/W **CYPRESS** SINGLE 15 12 REMOVE 50 85 CYPRESS DOUBLE REMOVE CYPRESS SINGLE 15 | 12 REMOVE R/WCYPRESS - DEAD REMOVE Exist FENCE CYPRESS - DEAD REMOVE REMOVE PINE - DEAD SILVA PINE - DEAD REMOVE CYPRESS - DEAD REMOVE JOSE 55 | 56 10 CYPRESS SINGLE REMOVE CYPRESS SINGLE 45 | 18 REMOVE 11 12 PINE - DEAD REMOVE 13 SINGLE 30 12 REMOVE "SR1" LINE CYPRESS (STUMP ONLY) REMOVE N46°12′47.70"W 720.46′ 15 CYPRESS 40 SINGLE 22 RETAIN 348 350 351 ROUTE 1 16 **CYPRESS** DOUBLE 60 89 RETAIN **CYPRESS** SINGLE 60 35 RETAIN 18 CYPRESS SINGLE 55 44 RETAIN 19 CYPRESS SINGLE 50 34 RETAIN 20 CYPRESS DOUBLE 50 | 55 RETAIN **CYPRESS** SINGLE 50 28 RETAIN SPA 22 CYPRESS DOUBLE 50 50 RETAIN 23 CYPRESS DOUBLE 60 75 RETAIN xis+ R/W 24 **CYPRESS** DOUBLE 60 55 RETAIN Exist R/W 25 SINGLE 45 20 RETAIN PINE RETAIN PINE - DEAD 26 SPA 27 CYPRESS 40 | 16 RETAIN SINGLE DEPARTMENT OF TRANSPORTATION -TOP OF CUT 28 **CYPRESS** SINGLE 40 23 RETAIN 47 29 CYPRESS SINGLE 40 RETAIN 30 **CYPRESS** SINGLE 25 9 RETAIN R/W 31 **CYPRESS** SINGLE 45 | 33 RETAIN 32 **CYPRESS** TRIPLE 50 78 RETAIN 33 CYPRESS SINGLE 40 | 38 RETAIN 35 34 CYPRESS SINGLE 18 RETAIN 35 **CYPRESS** SINGLE 25 18 RETAIN R/W 35 33 36 **CYPRESS** SINGLE RETAIN CAL IFORNIA altars **CONSTRUCTION DETAILS LOCATION 4** (SPECIES PROTECTION AREA) PM 35.49 SCALE: 1"=20' C-23 USERNAME => fdemarco

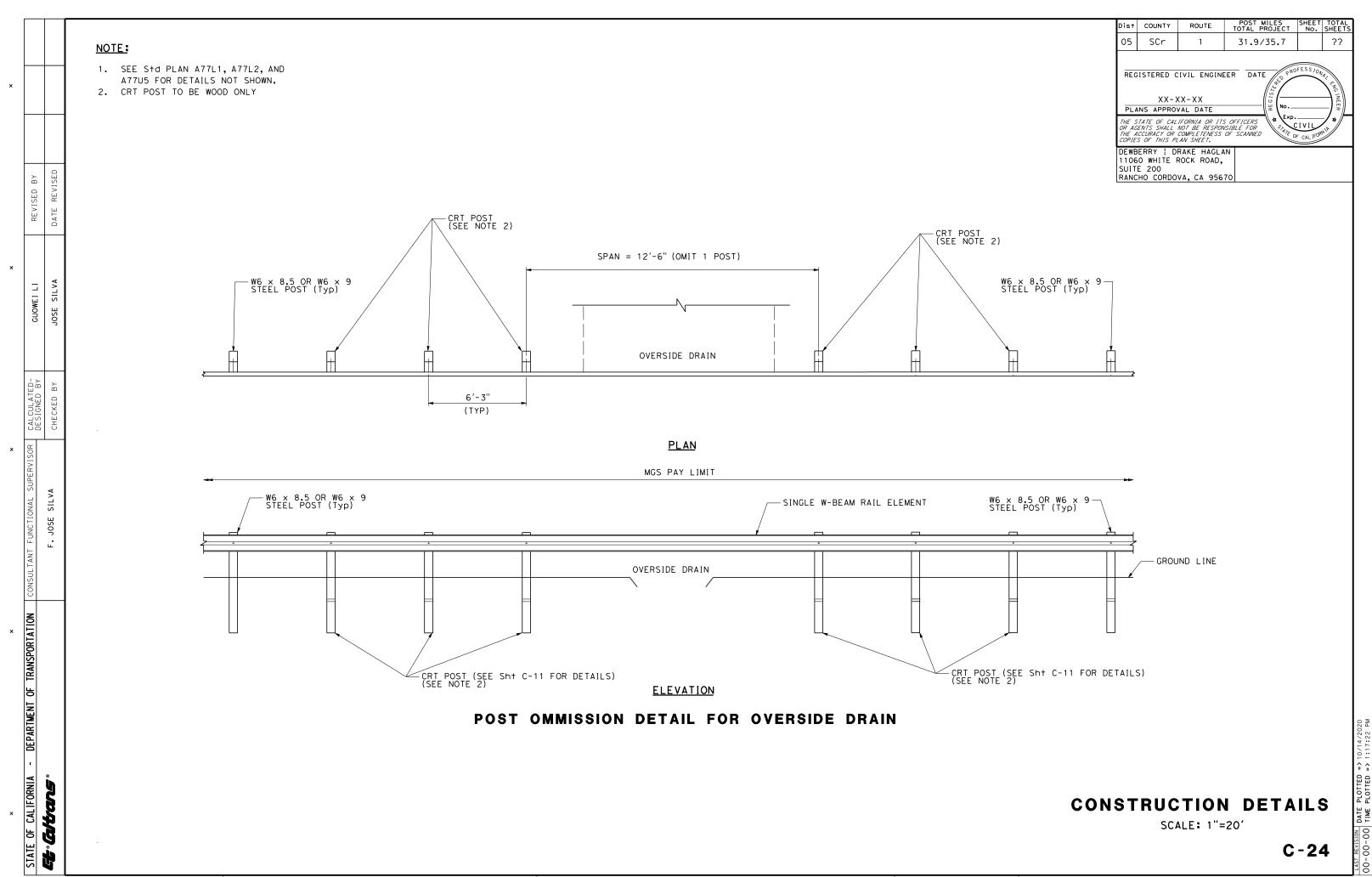
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RELATIVE BORDER SCALE
IS IN INCHES

UNIT 1472

05120000691



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LIS IN INCHES

UNIT 1472

PROJECT NUMBER & PHASE 05120000691

BORDER LAST REVISED 7/2/2010

CONTOUR GRADING

SCALE: 1"=20'

G-1

APPROVED FOR CONTOUR GRADING WORK ONLY

LOCATION 1

PM 32.12

USERNAME => fdemarco BORDER LAST REVISED 7/2/2010 DGN FILE => ...\0512000069ha001.dgn

STATE OF CALIFORNIA

Ge altrans

PROJECT NUMBER & PHASE

RELATIVE BORDER SCALE IS IN INCHES

UNIT 1472

05120000691

POST MILES SHEET TOTAL TOTAL PROJECT No. SHEETS Dist COUNTY 05 SCr 31.9/35.7

REGISTERED CIVIL ENGINEER DATE XX-XX-XXPLANS APPROVAL DATE THE STATE OF CALIFORNIA OR ITS OFFICERS
OR AGENTS SHALL NOT BE RESPONSIBLE FOR
HIE ACCURACY OR COMPLETENESS OF SCANNED
COPIES OF THIS PLAN SHEET.

DEWBERRY | DRAKE HAGLAN 11060 WHITE ROCK ROAD, SUITE 200 RANCHO CORDOVA, CA 95670

CONTOUR GRADING

SCALE: 1"=20'

G-2

APPROVED FOR CONTOUR GRADING WORK ONLY

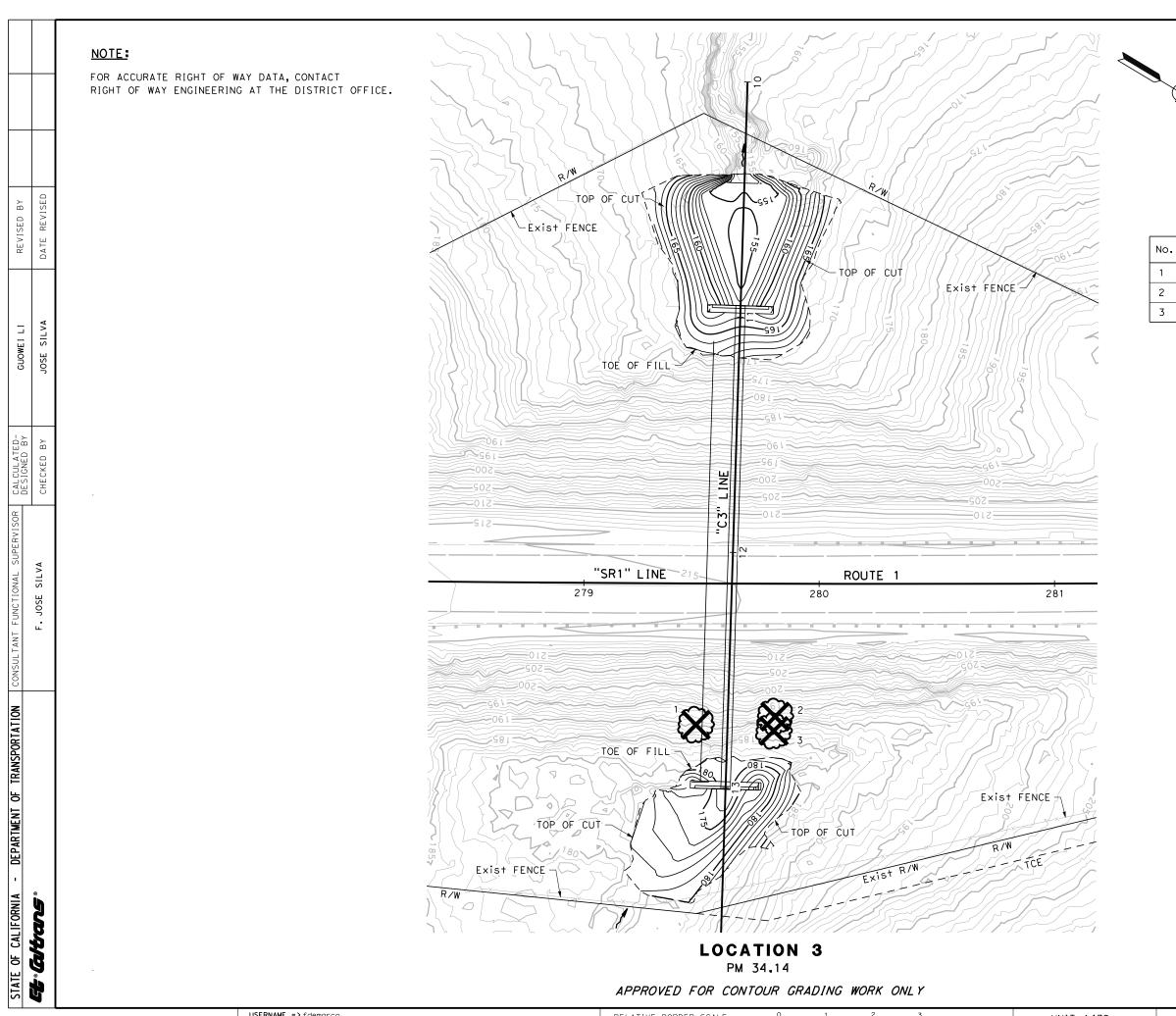
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PROJECT NUMBER & PHASE

05120000691

UNIT 1472



Dist COUNTY ROUTE POST MILES SHEET TOTAL SHEETS

O5 SCr 1 31.9/35.7 ??

REGISTERED CIVIL ENGINEER DATE

XX-XX-XX
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.

DEWBERRY | DRAKE HAGLAN 11060 WHITE ROCK ROAD, SUITE 200

No.	SPECIES	TRUNK	H† (FT)	DBH (IN)	ACTION
1	PINE	SINGLE	20	16	REMOVE
2	PINE	SINGLE	50	46	REMOVE
3	PINE	SINGLE	35	38	REMOVE

CONTOUR GRADING

SCALE: 1"=20'

G-3

BORDER LAST REVISED 7/2/2010 USERNAME => fdemarco
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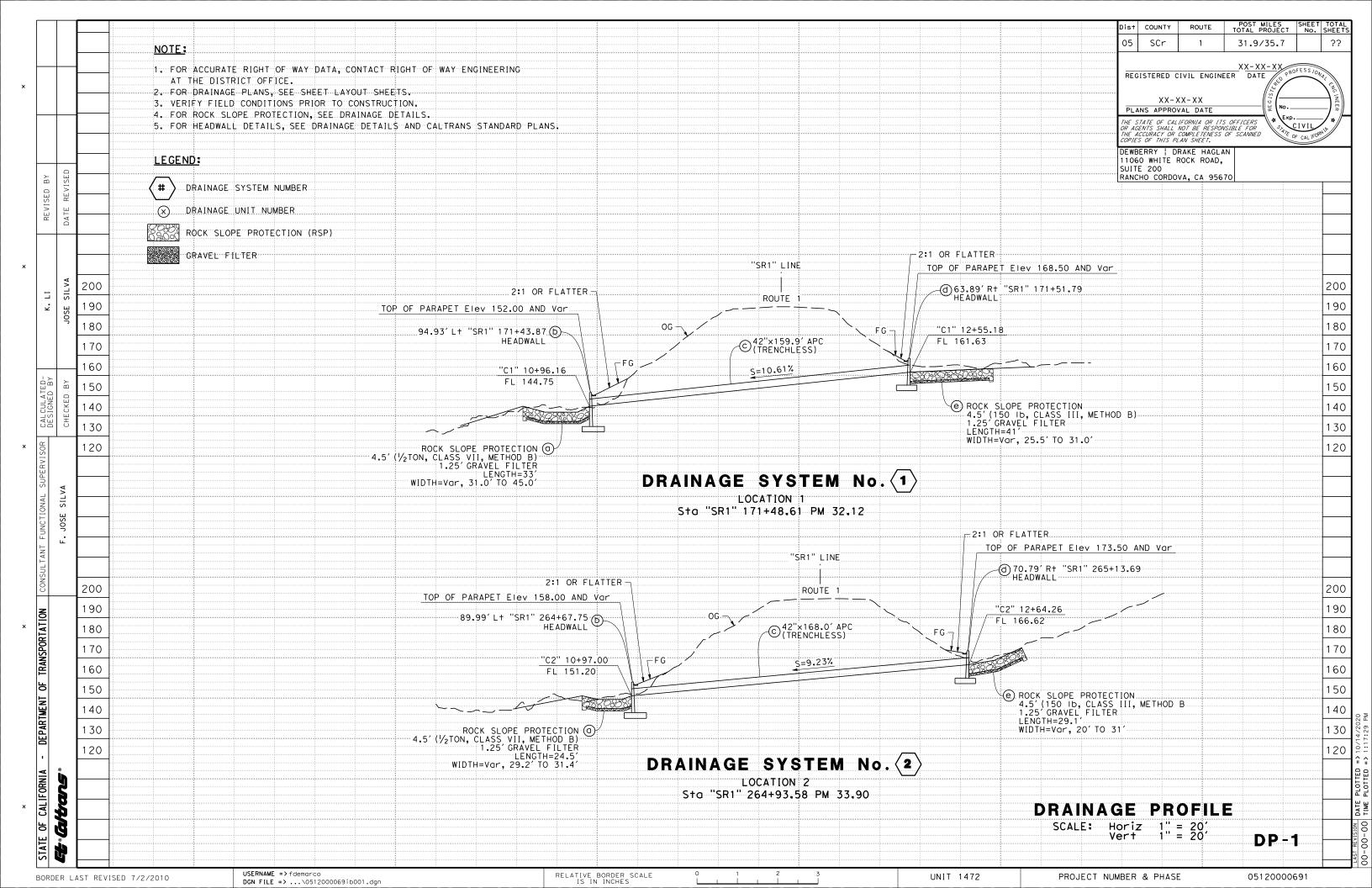
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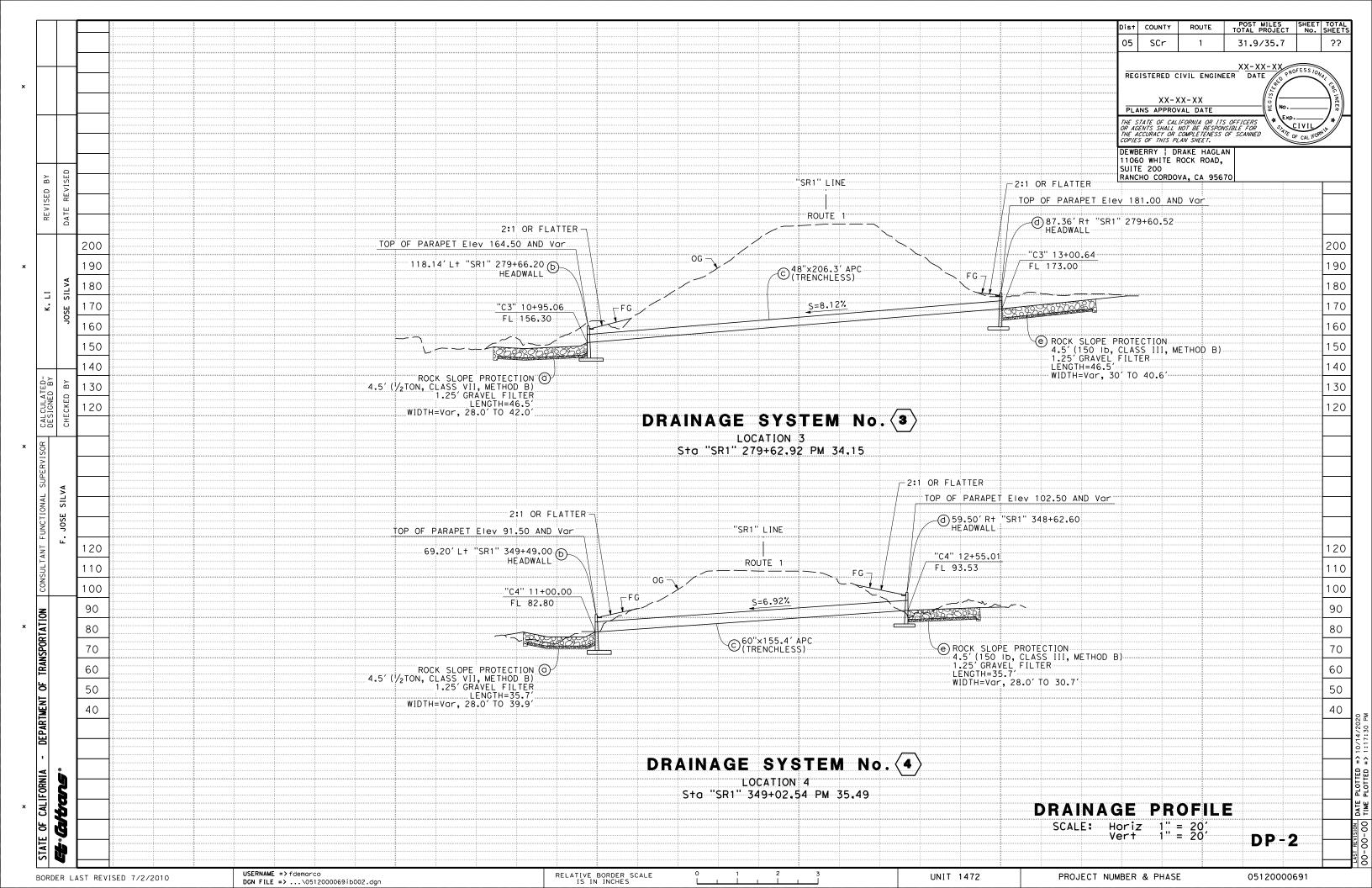
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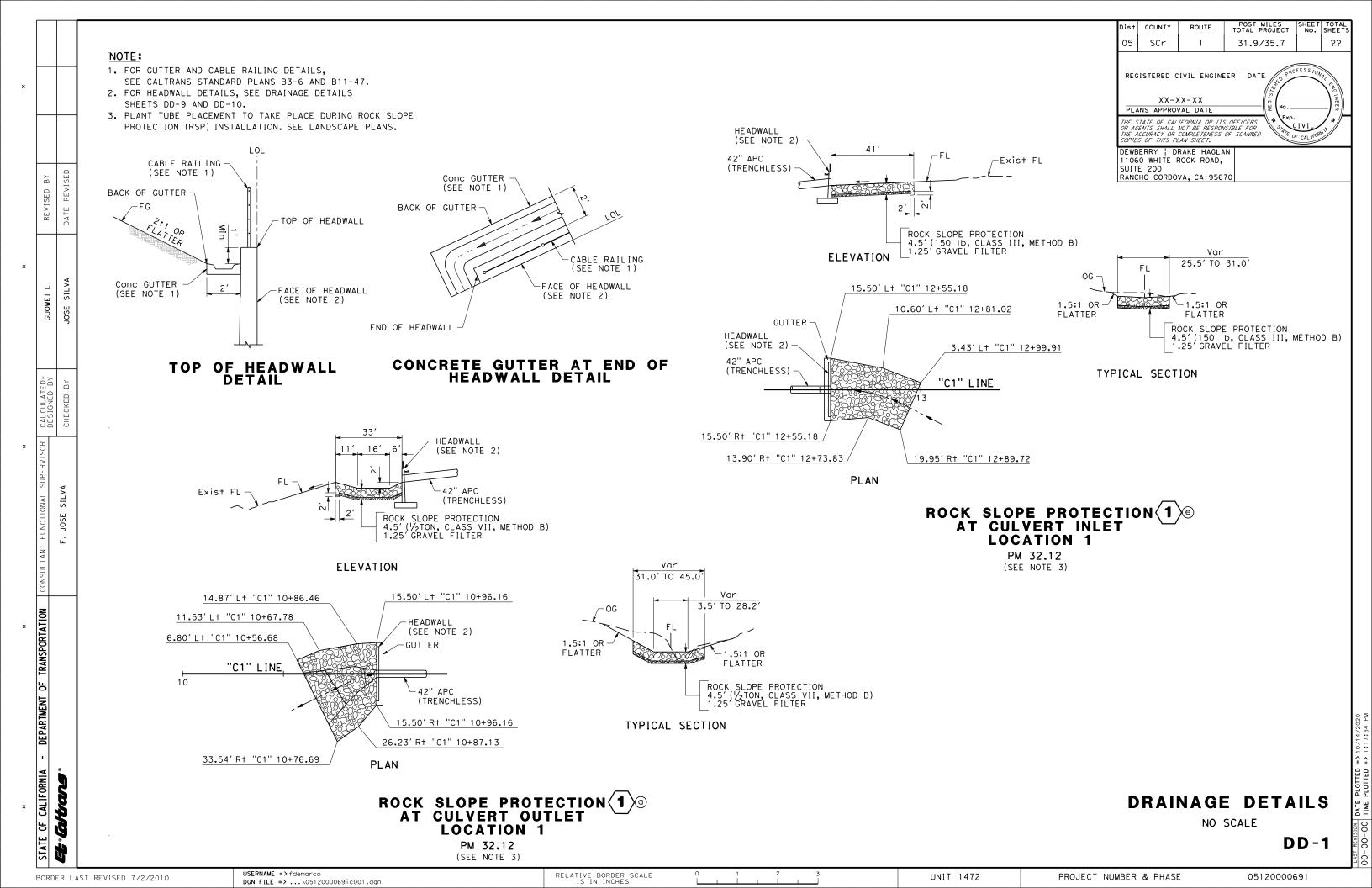
UNIT 1472

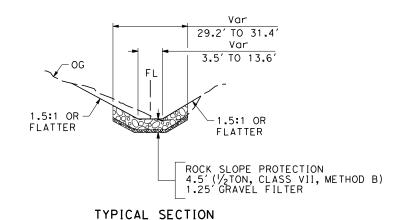
POST MILES TOTAL PROJECT Dist COUNTY 05 SCr 31.9/35.7 NOTE: FOR ACCURATE RIGHT OF WAY DATA, CONTACT REGISTERED CIVIL ENGINEER DATE RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE. XX-XX-XXPLANS APPROVAL DATE THE STATE OF CALIFORNIA OR ITS OFFICERS
OF AGENTS SHALL NOT BE RESPONSIBLE FOR
HE ACCURACY OR COMPLETENESS OF SCANNED
OPIES OF THIS PLAN SHEET. TREE INVENTORY DBH (IN) SPECIES TRUNK ACTION DEWBERRY | DRAKE HAGLAN TOP OF CUT 11060 WHITE ROCK ROAD, PINE - DEAD REMOVE RANCHO CORDOVA, CA 95670 **CYPRESS** SINGLE 15 12 REMOVE 50 | 85 CYPRESS DOUBLE REMOVE **CYPRESS** SINGLE 15 | 12 REMOVE R/W CYPRESS - DEAD REMOVE Exist FENCE TOP OF CUT CYPRESS - DEAD REMOVE PINE - DEAD REMOVE SILVA PINE - DEAD REMOVE REMOVE JOSE CYPRESS - DEAD 55 | 56 10 CYPRESS SINGLE REMOVE CYPRESS 45 | 18 11 SINGLE REMOVE 12 PINE - DEAD REMOVE 13 PINE SINGLE 30 12 REMOVE └_TOE OF FÍLL CYPRESS (STUMP ONLY) REMOVE "SR1" LINE N46°12′47.70"W 720.46′ 15 40 CYPRESS SINGLE 22 RETAIN 348 350 351 ROUTE 1 16 **CYPRESS** DOUBLE 60 89 RETAIN **CYPRESS** SINGLE 60 35 RETAIN 18 CYPRESS SINGLE 55 44 RETAIN 19 CYPRESS SINGLE 50 34 RETAIN 20 CYPRESS DOUBLE 50 | 55 RETAIN CYPRESS SINGLE 50 28 RETAIN TOE OF FILL DOUBLE 50 22 CYPRESS 50 RETAIN 23 CYPRESS DOUBLE 60 75 RETAIN 24 **CYPRESS** DOUBLE 60 55 RETAIN SINGLE 45 20 RETAIN 25 PINE PINE - DEAD RETAIN 26 40 RETAIN 27 **CYPRESS** SINGLE 16 DEPARTMENT OF TRANSPORTATION 28 **CYPRESS** SINGLE 40 23 RETAIN 47 29 **CYPRESS** SINGLE 40 RETAIN SINGLE 25 RETAIN 30 CYPRESS R/W SINGLE 45 | 33 RETAIN 31 **CYPRESS** 32 **CYPRESS** TRIPLE 50 78 RETAIN CYPRESS SINGLE 40 | 38 RETAIN 33 35 34 CYPRESS SINGLE 18 RETAIN 35 **CYPRESS** SINGLE 25 18 RETAIN 35 33 36 **CYPRESS** SINGLE RETAIN CALIFORNIA **Gitrans LOCATION 4 CONTOUR GRADING** PM 35.49 능 SCALE: 1"=20' G-4 USERNAME => fdemarco RELATIVE BORDER SCALE
IS IN INCHES UNIT 1472 PROJECT NUMBER & PHASE 05120000691 BORDER LAST REVISED 7/2/2010

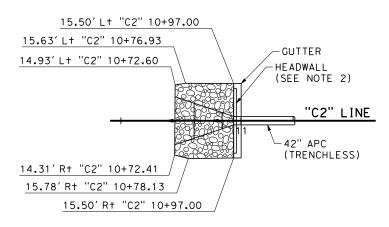
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REVISED

SILVA

SILVA

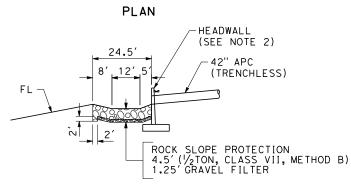
DEPARTMENT OF TRANSPORTATION

CAL IFORNIA

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Gltans

BORDER LAST REVISED 7/2/2010



ROCK SLOPE PROTECTION 2 OO AT CULVERT OUTLET **LOCATION 2** PM 33.90

ELEVATION

(SEE NOTE 3)

ROCK SLOPE PROTECTION 2 ®
AT CULVERT INLET **LOCATION 2** PM 33.90

(SEE NOTE 3)

15.68' R+ "C2" 12+68.99

ROCK SLOPE PROTECTION
4.5'(150 lb, CLASS III, METHOD B)
1.25'GRAVEL FILTER

15.50' R+ "C2" 12+64.26

HEADWALL

42" APC (TRENCHLESS)

(SEE NOTE 2)

PLAN

FL

ELEVATION

DRAINAGE DETAILS

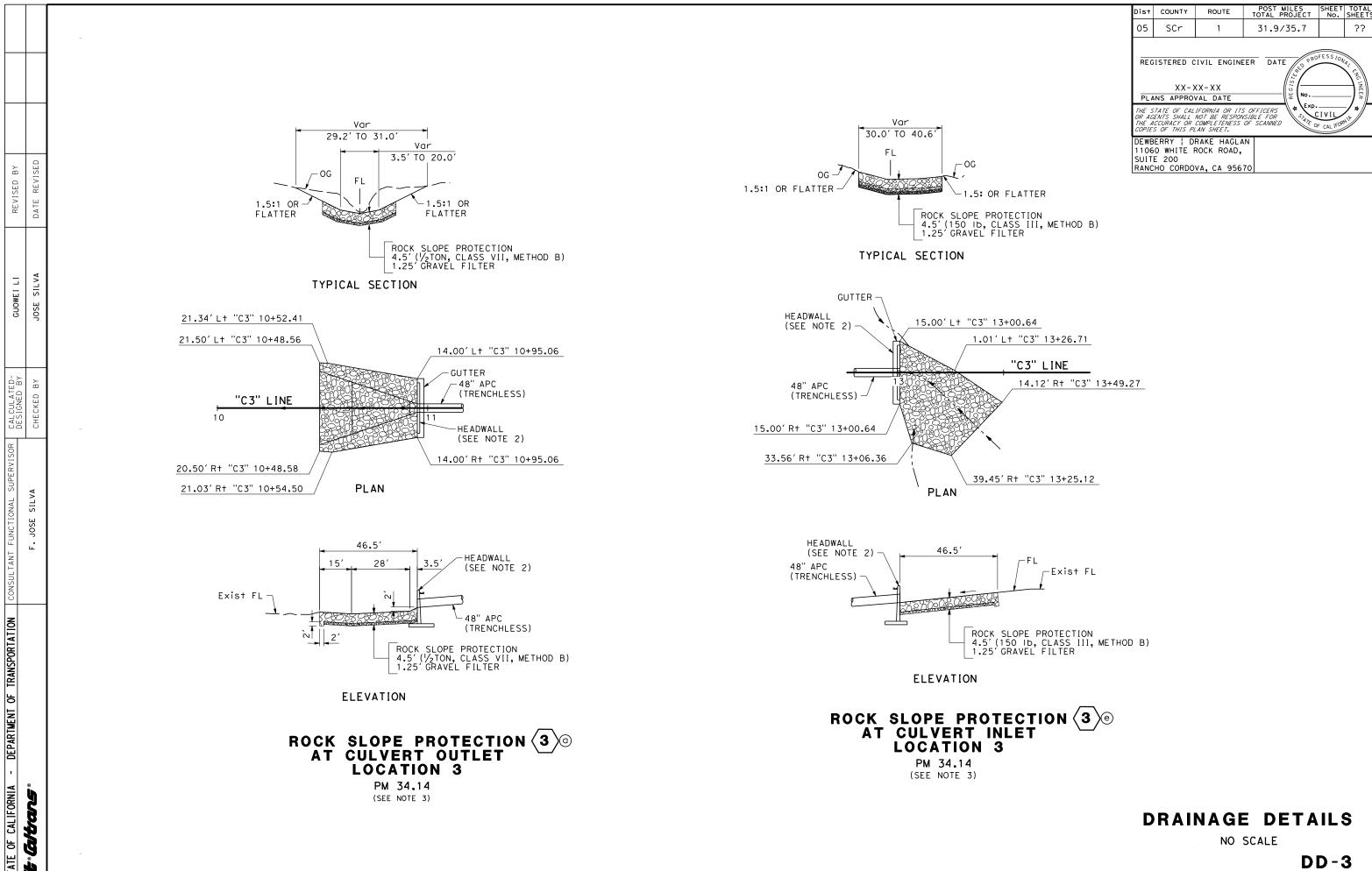
NO SCALE

DD-2

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UNIT 1472

PROJECT NUMBER & PHASE



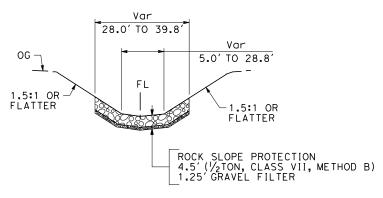
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BORDER LAST REVISED 7/2/2010

UNIT 1472

PROJECT NUMBER & PHASE



TYPICAL SECTION

REVISED

SILVA

JOSE

SILVA

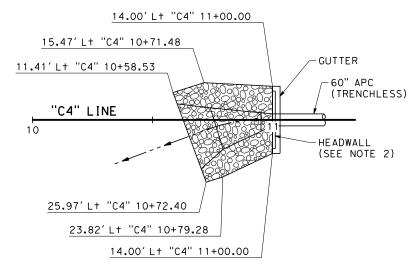
DEPARTMENT OF TRANSPORTATION

CAL IFORNIA

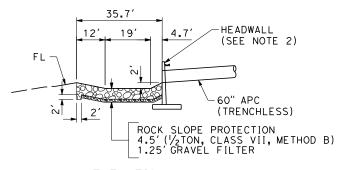
뇽

Gittans

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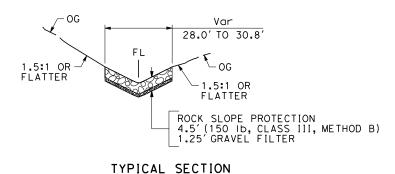
PLAN

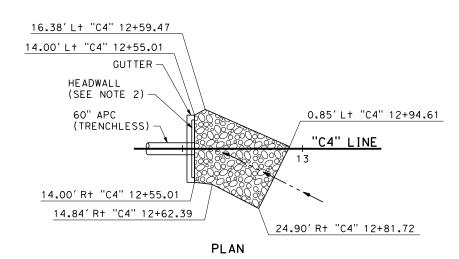


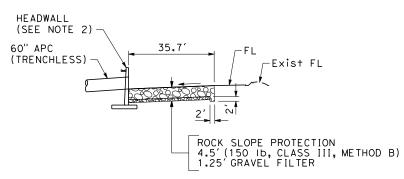
ELEVATION

ROCK SLOPE PROTECTION 4 ® AT CULVERT OUTLET **LOCATION 4**

PM 35.49 (SEE NOTE 3)







ELEVATION

ROCK SLOPE PROTECTION 4 ® AT CULVERT INLET **LOCATION 4**

PM 35.49 (SEE NOTE 3)

DRAINAGE DETAILS

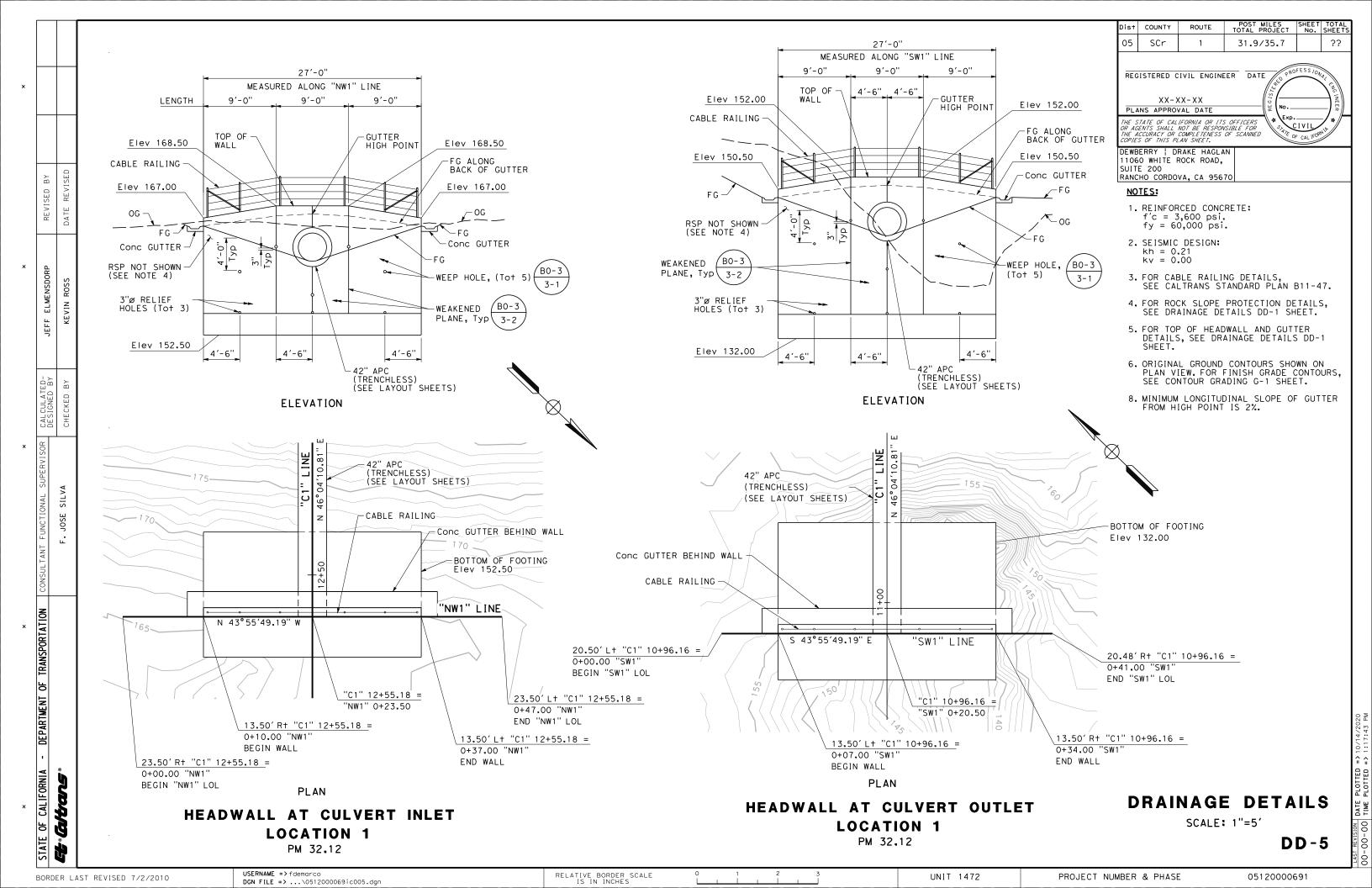
NO SCALE

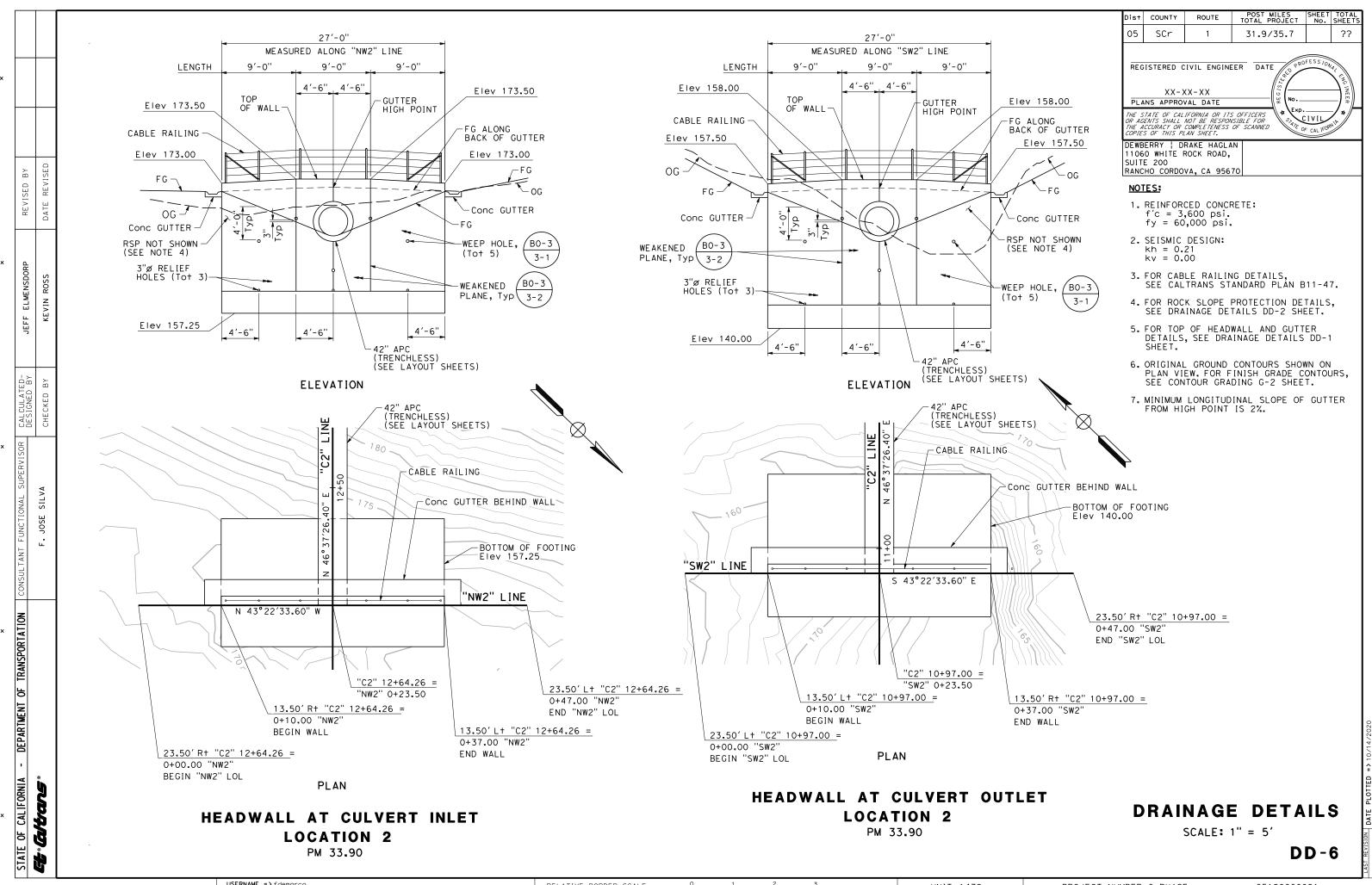
DD-4

USERNAME => fdemarco DGN FILE => ...\0512000069ic004.dgn RELATIVE BORDER SCALE IS IN INCHES

UNIT 1472

PROJECT NUMBER & PHASE





USERNAME => fdemarco BORDER LAST REVISED 7/2/2010

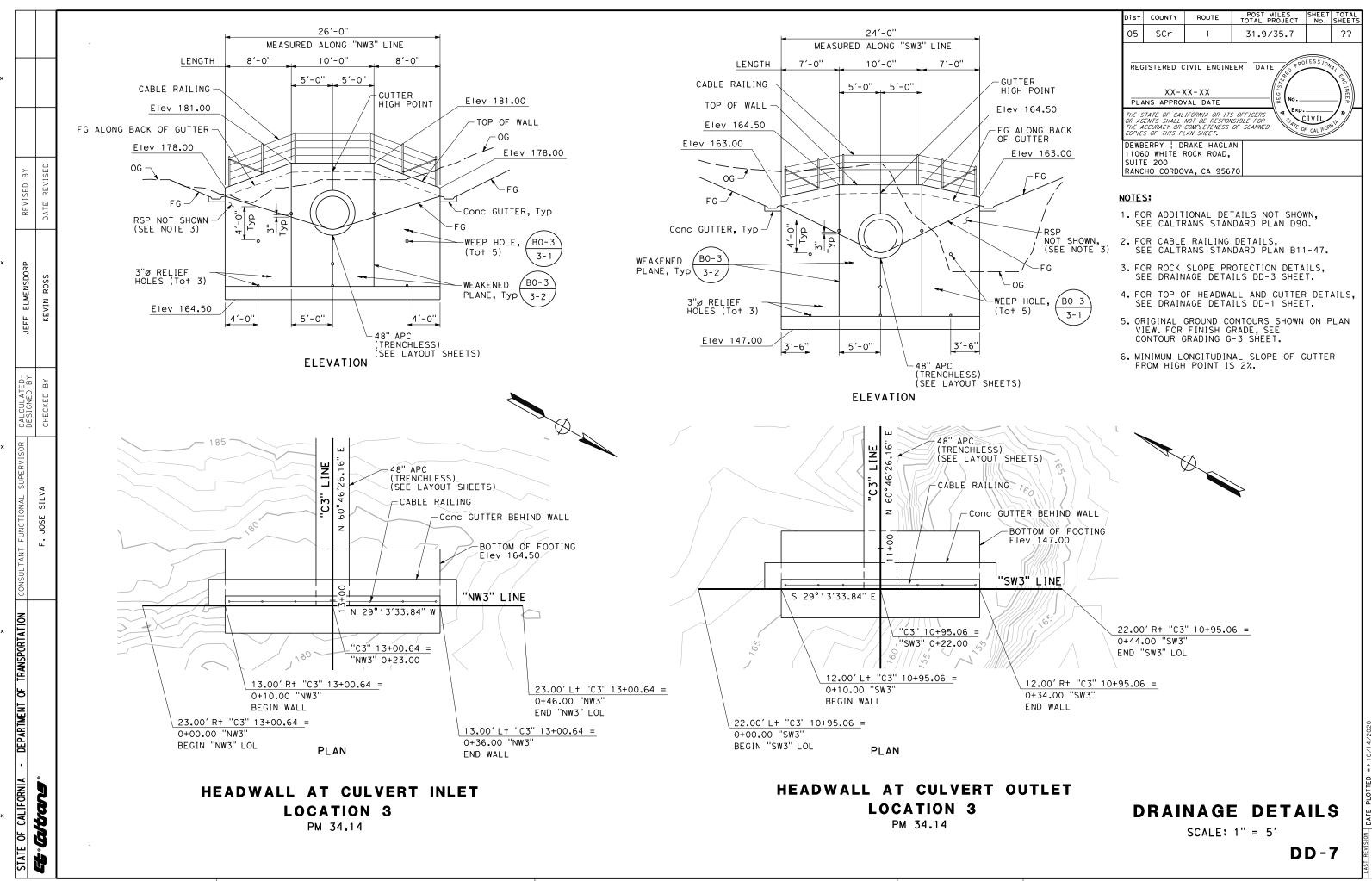
RELATIVE BORDER SCALE
IS IN INCHES

UNIT 1472

05120000691

DGN FILE => ...\0512000069ic006.dgr

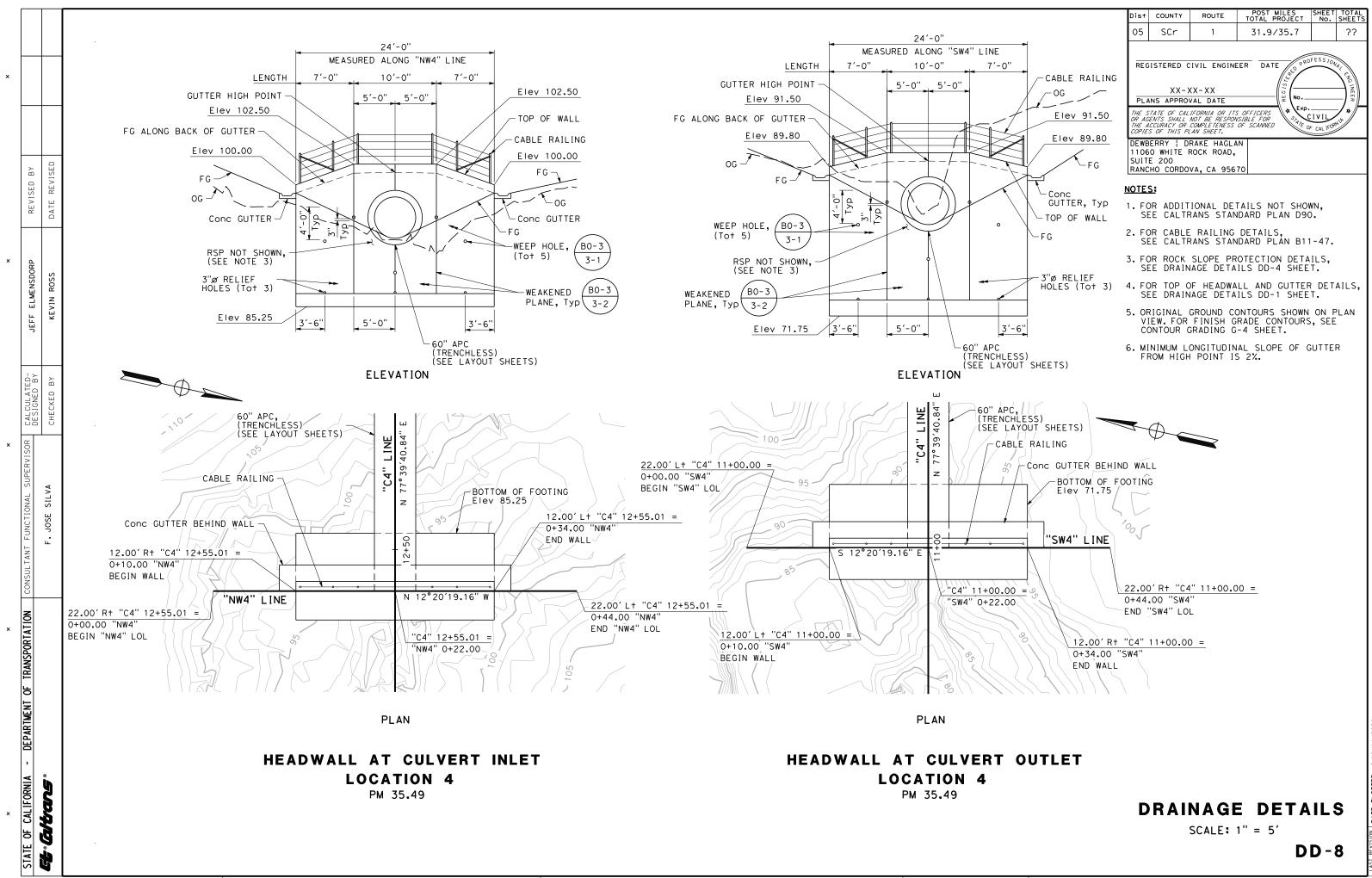
PROJECT NUMBER & PHASE



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IS IN INCHES

UNIT 1472

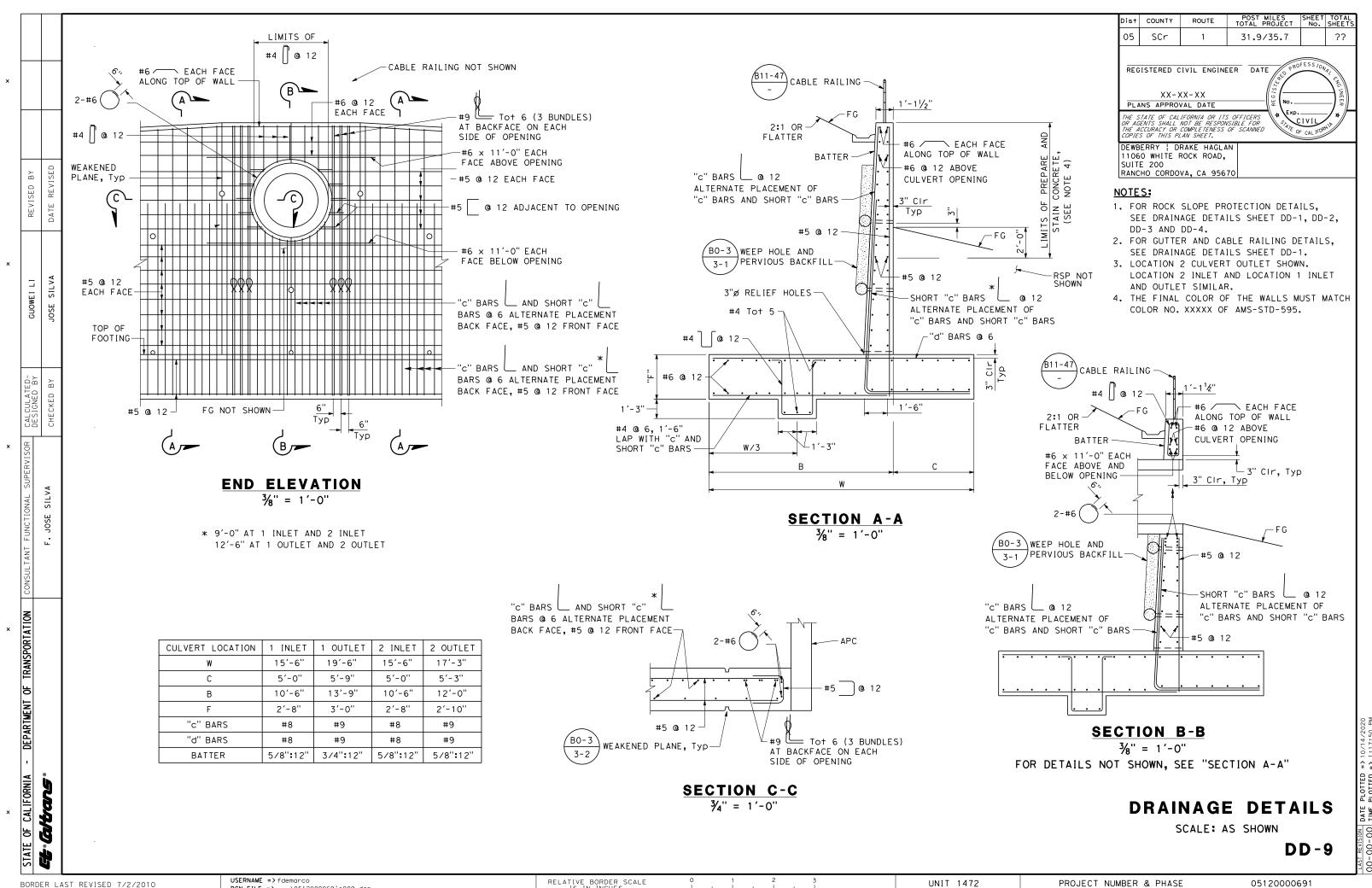
PROJECT NUMBER & PHASE



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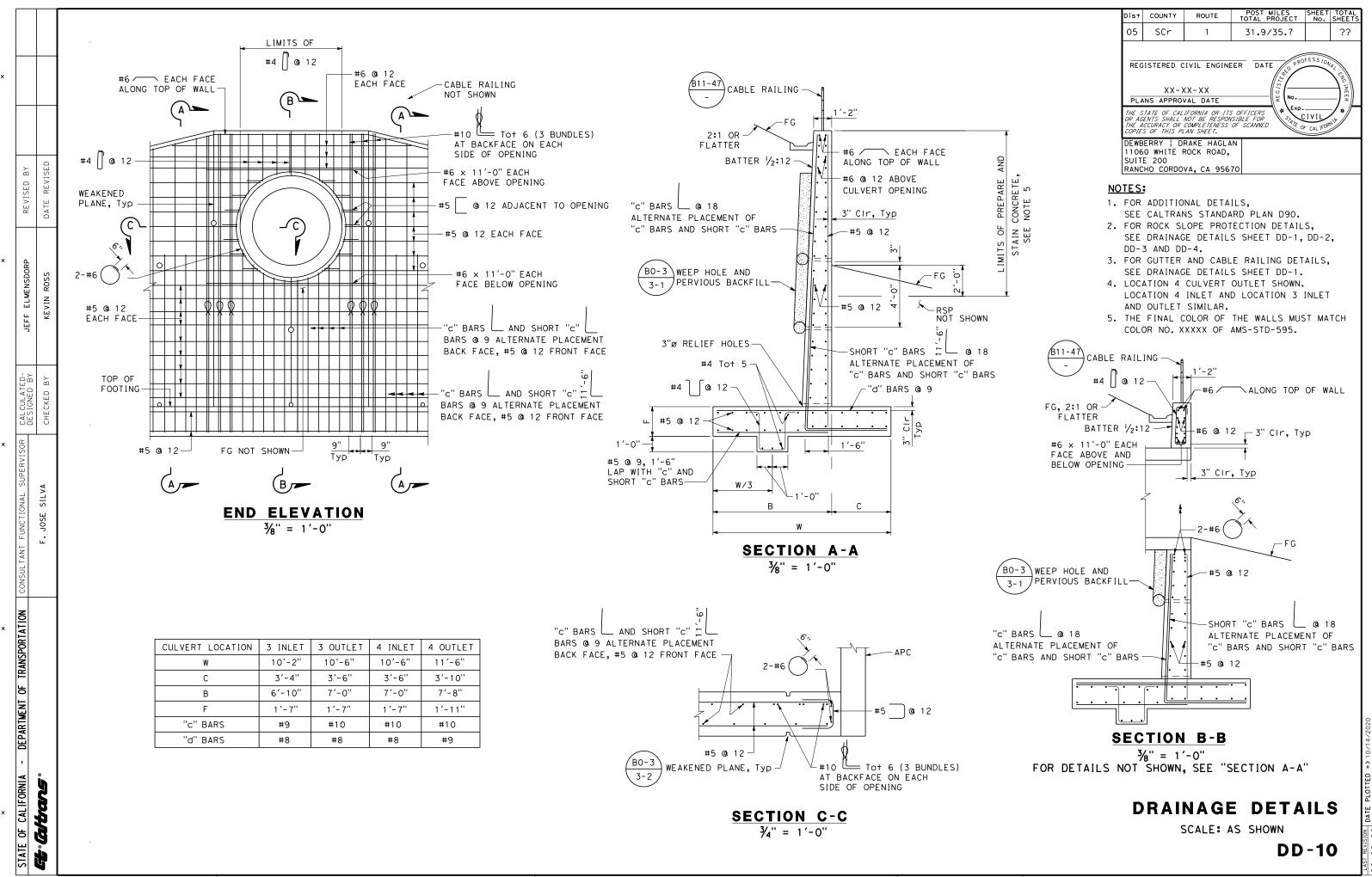
RELATIVE BORDER SCALE
0 1 2 3
UNIT 1472
PROJECT NUMBER & PHASE 05120000691

BORDER LAST REVISED 7/2/2010



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PROJECT NUMBER & PHASE



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DGN FILE => ...\0512000069ic010.dgn

RELATIVE BORDER SC.

UNIT 1472

PROJECT NUMBER & PHASE

05120000691

SE 051

ALTERNATIVE PIPE CULVERTS

			_								
REINFORCED	REINFORCED CONCRETE PIPE (RCP)										
	60" APC	48" APC	42" APC								
STEEL COVER (INCHES)	1.5	1.5	1.5								
WATER-TO-CEMENT RATIO	0.4	0.4	0.4								
CLASS	II OR V	V	V								
MINIMUM THICKNESS (INCHES)	4 TO 13	4 TO 13	4 TO 13								

D	ist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS						
	05	SCr	1	31.9/35.7		??						
	REGISTERED CIVIL ENGINEER											
7	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.											
1	1106 SUITI	0 WHITE F E 200	RAKE HAGLA ROCK ROAD, VA, CA 956									

DRAINAGE QUANTITIES

															QUA							
SHEET NO.	DRAINAGE SYSTEM NO.	DRAINAGE UNIT 🔾	REMOVE HEADWALL	ABANDON CULVERT	CULVERT SLURRY-CEMENT BACKFILL				STRU	MINOR CONCRETE (GUTTER)		ROCK SLOPE (1/2T, CLAS		CABLE RAILING	ROCK STAIN	OXIDIZING STAIN	MAXIMUM COVER	DESCRIPTION	STATION	SHEET NO.	DRAINAGE SYSTEM NO.	DRAINAGE UNIT
			EA	LF	CY	LF	LF	LF	CY	CY	CY	CY	CY	LF	SQFT	SQF T	LF					
L-1	1	a							ļ			210	58		1261			RSP	"C1" LINE 10+96.16	L-1	1	a
		Ь							88	1.2				27		163		OUTLET HEADWALL & WINGWALLS	"C1" LINE 10+96.16			Ь
		С				160											27	42" CULVERT	"C1" LINE 13+72.23			С
		d							63	1.2				27		158		INLET HEADWALL & WINGWALLS	"C1" LINE 12+55.18			d
		е									183		51		1097			RSP	"C1" LINE 12+55.18			е
		f	1															REMOVE HEADWALL	"C1" LINE 12+62.86 10.50' R+			f
		g		162	19													ABANDON 24" CULVERT	"C1" LINE 11+81.99 10.58' R+			g
																					_	
L-3	2	a										127	35		760			RSP	"C2" LINE 10+97.00	L-3	2	a
		b							75	1.2				27		152		OUTLET HEADWALL & WINGWALLS	"C2" LINE 10+97.00			b
		С				168			ļ								37	42" CULVERT	"C2" LINE 13+72.23			С
		d							64	1.2				27		154		INLET HEADWALL & WINGWALLS	"C2" LINE 12+64.26			d
		e				-			-		99		28		593			RSP	"C2" LINE 12+64.26			е
		f	1	1.55		1												REMOVE HEADWALL	"C2" LINE 12+63.74 10.74' R+			f
		g		160	29	-												ABANDON 30" CULVERT	"C2" LINE 11+82.82 10.63' R+			9
		h		708	9	-	-	-	-						-			ABANDON 8" SUBCULVERT				h
	7			-		-			-			274	76		1011			Den	"CZ" LINE 10.05 OC	+		+_
L-4	3	a b		+		+		+	37	1.1		274	76	24	1644	154		RSP OUTLET HEADWALL & WINGWALLS	"C3" LINE 10+95.06 "C3" LINE 10+95.06	L-4	3	a b
		С	-	+		+	207	+	131	1.1	-			24	-	1 24	45	48" CULVERT	"C3" LINE 13+72.23			C
		d		+		1	1201		37	1.2				27		172	7.5	INLET HEADWALL & WINGWALLS	"C3" LINE 13+72.23			d
		e		+		+		+	"	1.4	255		71	۷.	1531	112		RSP	"C3" LINE 13+00.64			e
		f	1	+							233		' '		1 331			REMOVE HEADWALL	"C3" LINE 12+97.96 10.78'R+			f
		g	- ' -	86	22	1												ABANDON 24" CULVERT	"C3" LINE 12+04.21 10.84' R+			g
		9	-	1 00	~~	+			-									ADAINDON 24 COLVERT	C3 LINL 12:04.21 10.84 KT			+ 9 -
			3	1116	79	328	207	+	364	7 1	537	611	31 Q	150	6886	953		TOTAL (THIS SHEET)		1	l	1

(N) - NOT A SEPARATE BID ITEM

DRAINAGE QUANTITIES

DQ-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION CONSULTANT FUNCTIONAL

GEOGRAPHION - F. JOSE SILV BORDER LAST REVISED 7/2/2010

REVISED BY

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DGN FiLE => ...\0512000069id001.dgn

UNIT 1472

PROJECT NUMBER & PHASE

SHEET NO.	DRAINAGE SYSTEM NO.	DRAINAGE UNIT 🔾	REMOVE HEADWALL	ABANDON CULVERT	REMOVE PIPE	CULVERT SLURRY-CEMENT BACKFILL	42" ALTERNATIVE PIPE CULVERT (TRENCHLESS)	48" ALTERNATIVE PIPE CULVERT (TRENCHLESS)	60" ALTERNATIVE PIPE CULVERT (TRENCHLESS)	STRUCTURAL CONCRETE, HEADWALL	MINOR CONCRETE (GUTTER)	ROCK SLOPE PROTECTION (150LB CLASS III, METHOD B)	PROTE S VII,	ROCK SLOPE PROTECTION (GRAVEL FILTER) 15" THICK	CABLE RAILING	ROCK STAIN	OXIDIZING STAIN	MAXIMUM COVER Z	DESCRIPTION	STATION	SHEET NO.	DRAINAGE SYSTEM NO.	DRAINAGE UNIT ()
			EΑ	LF	LF	CY	LF	LF	LF	CY	CY	CY	CY	CY	LF	SQF T	SQF T	LF					
L-5	4	а											210	58		1258			RSP	"C4" LINE 11+00.00	L-5	4	а
		Ь								44	1.1				24		154		OUTLET HEADWALL & WINGWALLS	"C4" LINE 11+00.00			b
		С							156									21	60" CULVERT	"C4" LINE 12+13.25			С
		d								36	1.1				25		161		INLET HEADWALL & WINGWALLS	"C4" LINE 12+55.01			d
		е										169		47		1016			RSP	"C4" LINE 12+55.01			е
<u> </u>		f	1																REMOVE HEADWALL	"C4" LINE 12+53.26			f
		9			150	<u> </u>													REMOVE 30" CULVERT	"C4" LINE 11+77.51			9
		h		228		3								-		-			ABANDON 8" SUBCULVERT			-	h
				000	450				4.5.0	-		1.66	016	105	40	0074	74.5		TOTAL (TUIC CUEET)				
			1	228					156	80	2.2			105		2274	315		TOTAL (THIS SHEET)				
			3	1116		79	328	207		364	7.1	537	611	319	159	6886	953		TOTAL (SHEET DQ-1)				
			4	1344	150	82	328	207	156	444	10	706	821	424	208	9160	1268		TOTAL				

(N) - NOT A SEPARATE BID ITEM

DRAINAGE QUANTITIES

DQ-2

BORDER LAST REVISED 7/2/2010

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION CONSULTANT

GEOGRAPHICALS

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UNIT 1472

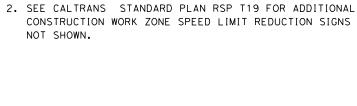
PROJECT NUMBER & PHASE

NOTE:

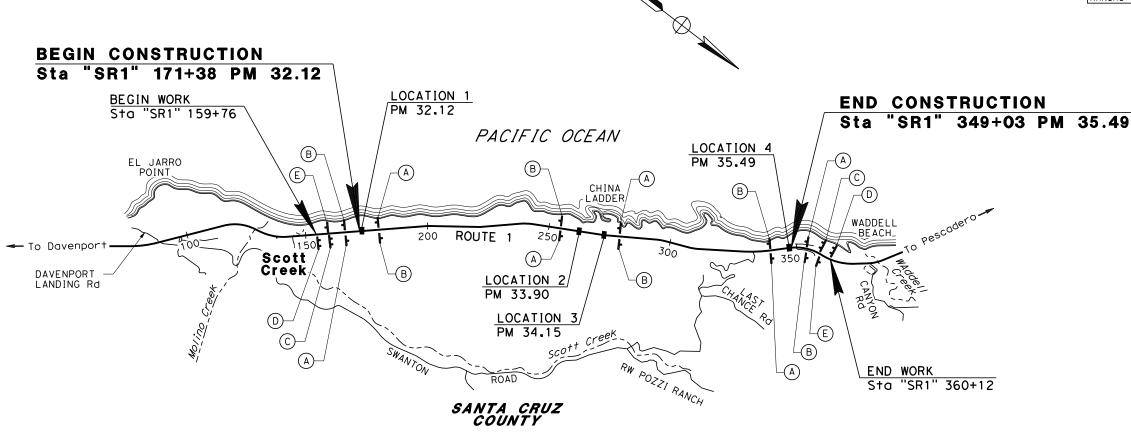
- POST MILES SHEET TOTAL TOTAL PROJECT No. SHEETS Dist COUNTY 05 SCr 31.9/35.7 ??
- REGISTERED CIVIL ENGINEER DATE XX-XX-XXPLANS APPROVAL DATE

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DEWBERRY | DRAKE HAGLAN 11060 WHITE ROCK ROAD, RANCHO CORDOVA, CA 95670



1. SIGN LOCATIONS ARE APPROXIMATE, EXACT LOCATIONS WILL BE DETERMINED BY THE ENGINEER IN THE FIELD.



STATIONARY MOUNTED CONSTRUCTION AREA SIGNS

SIGN ()	SIGN DES	IGNATION	PANEL SIZE	SIGN MESSAGE	No. OF POSTS	No. OF
3101	FEDERAL	CALIFORNIA	FANEL SIZE	31014 ME33A0E	AND SIZE	SIGNS
Α	W20-1		60" × 60"	ROAD WORK AHEAD	2 - 6" × 6"	6
В		G20-2	36" × 18"	END ROAD WORK	1 - 4" × 6"	6
С		C40	108" x 42"	FINES DOUBLED IN CONSTRUCTION ZONES	2 - 6" × 6"	2
D		C48(CA)	96" × 60"	SB1 PROJECT FUNDING IDENTIFICATION	2 - 6" × 8"	2
E		R2-11	48" × 60"	END DOUBLE FINE ZONE	1 - 4" x 8"	2

CONSTRUCTION AREA SIGNS

NO SCALE

CS-1

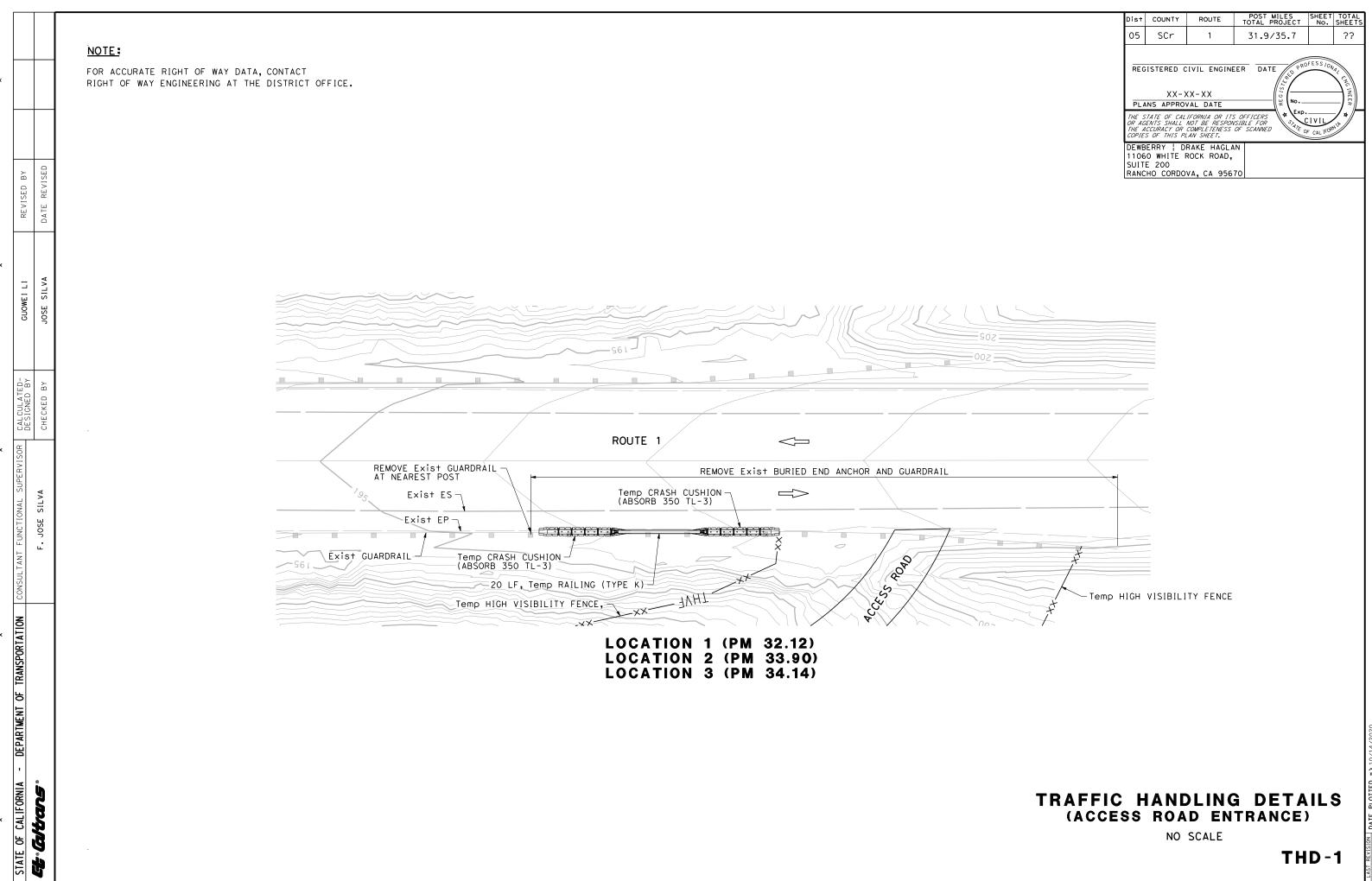
APPROVED FOR CONSTRUCTION AREA SIGN WORK ONLY

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UNIT 1472

PROJECT NUMBER & PHASE

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UNIT 1472

PROJECT NUMBER & PHASE

EARTHWORK QUANTITIES

		(N)		(N)
LOCATION	ROADWAY EXCAVATION	EMBANKMENT	IMPORTED BORROW	SPOIL MATERIAL (TRENCHLESS)
	CY	CY	CY	CY
"C1" LINE INLET GRADING	310	15		57
"C1" LINE OUTLET GRADING	615	217		51
"C2" LINE INLET GRADING	142	60		61
"C2" LINE OUTLET GRADING	307	102		01
"C3" LINE INLET GRADING	535	13		00
"C3" LINE OUTLET GRADING	893	124		98
"C4" LINE INLET GRADING	264	260		1.1.4
"C4" LINE OUTLET GRADING	624	98		114
TOTAL	3636	889		

(N) - NOT A SEPARATE BID ITEM

MIDWEST GUARDRAIL SYSTEM

SHEET No.	LOCATION	DIRECTION	MGS (STEEL) POST	BURIED POST END ANCHOR	REMOVE GUARDRAIL	VEGETATION CONTROL MAT (MINOR CONCRETE)
			LF	EA	LF	SQYD
L-1 TO L-2	"SR1" 170+12.41 TO 173+75.21	NB	368.75	2	368.75	176
L-3	"SR1" 263+87.58 TO 267+84.27	NB	400	2	400	187
L-4	"SR1" 278+02.08 TO 282+14.02	NB	412.5	2	412.5	193
	TOTAL		1181.25	6	1181.25	555

TRAFFIC HANDLING SUMMARY

LOCATION	DIRECTION	TEMPORARY RAILING (TYPE K)	TEMPORARY CRASH CUSHION
		LF	EA
"SR1" 173+00 (LOCATION 1)	NB	20	2
"SR1" 267+00 (LOCATION 2)	NB	20	2
"SR1" 281+30 (LOCATION 3)	NB	20	2
TOTAL		60	6

TEMPORARY WATER POLLUTION CONTROL QUANTITIES

	TEMPORARY HIGH-VISIBILITY FENCE	TEMPORARY FIBER ROLL	TEMPORARY CHECK DAM	TEMPORARY HYDRAULIC MULCH (BONDED FIBER MATRIX)	TEMPORARY CONSTRUCTION ENTRANCE	TEMPORARY GRAVEL BAG BERM
	LF	LF	LF	SQYD	EA	LF
TOTAL	6560	6200	200	21900	8	160

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS							
05	SCr	1	31.9/35.7	23	??							
REGISTERED CIVIL ENGINEER DATE XX-XX-XX PLANS APPROVAL DATE EXP.												
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1106 SUIT	60 WHITE F E 200	RAKE HAGLA ROCK ROAD, VA, CA 956										

FENCE AND GATE SUMMARY

SHEET No.	LOCATION	FENCE (TYPE WM, METAL POST)	FENCE (TYPE BW, METAL POST)	REMOVE FENCE	16' WIRE MESH GATE	Temp FENCE (TYPE BW, METAL POST)	STATE R/W MARKER Z
		LF	LF	LF	EΑ	LF	EΑ
	LOCATION 1 INLET		96	96	1	123	
	LOCATION 1 OUTLET						6
	LOCATION 2 INLET		191	191	1	258	
	LOCATION 2 OUTLET		173	173	1		4
	LOCATION 3 INLET	125		128	1	140	
	LOCATION 3 OUTLET						
	LOCATION 4 INLET						7
	LOCATION 4 OUTLET	44		44	1		3
	TOTAL	169	460	632	5	521	20

(N) - NOT A SEPARATE BID ITEM

SUMMARY OF QUANTITIES

Q-1

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UNIT 1472

PROJECT NUMBER & PHASE

<u>NOTES</u>

1. COMBINE AND PERFORM MANAGEMENT METHODS AS NEEDED

NOXIOUS AND INVASIVE PLANTS

			SPOSE AND	M	ANAGEME	INT MI	ETHODS		
	BOTANICAL NAME	COMMON NAME	AND DI	HERBI APPLIC			MOW	REMOVAL	REMARKS
	BOTTHER THE THE		REMOVE OF SEED HEADS	SPRAY (EFFICACY TIMING)	CUT AND BRUSH	MOW HT	MAX ALLOWABLE HT	HAND REN	
	GENISTA SPP	BROOM	Х	APRIL TO JUNE	Х			Х	ALL GREEN PARTS OF PLANT CAN BE SPRAYED
	CARPOBROTUS EDULIS	ICE PLANT / SEA FIG	Х	APRIL TO JUNE	Х			Х	CUT, BRUSH OR SPRAY STEMS AND RESPROUTS
	BRASSICA SPP.	MUSTARD		FEBRUARY TO				Х	
	CARDUS SPP	THISTLE	Х	FEBRUARY TO				Х	
	CENTAUREA SPP	STAR THISTLE/ TOCOLOTE	Х	MAY TO JULY				X	
SHRUBS/ FORBS	CIRSIUM ARVENSE	CANADA THISTLE	Х	FEBRUARY TO				X	
	CARDUUS PYCNOCEPHALUS	ITALIAN THISTLE	X	FEBRUARY TO				Х	
	CIRSIUM VULGARE	BULL THISTLE	Х	FEBRUARY TO MAY				Х	
	CONIUM MACULATUM	POISON HEMLOCK	Х	JUNE TO SEPTEMBER				Х	
	DELAIREA ODORATA	CAPE IVY		JUNE TO AUGUST	Х	N		Х	BAG ALL MATERIAL IMMEDIATELY AND DISPOSE. DO NOT STOCKPILE
	FOENICULUM VULGARE	FENNEL	X	JUNE TO SEPTEMBER				Х	
	OXALIS PES-CAPRAE	BERMUDA BUTTERCUP		FEBRUARY TO				Х	SPAY BEFORE FLOWERING
	VINCA SPP.	VINCA, PERIWINKLE				N		Х	BAG ALL MATERIAL IMMEDIATELY AND DISPOSE. DO NOT STOCKPILE
GRASSES	CORTADERIA SPP.	JUBATA/ PAMPAS GRASS	X	SEPTEMBER TO NOVEMBER	×			X	FOR LARGE PLANTS -CUT INTO CROWN AND ROOT BALL, SPRAY RESPROUTS
	PHALARIS AQUATICA	HARDING GRASS	X	SEPTEMBER TO NOVEMBER	Х	3''	12"	Х	FOR LARGE PLANTS -CUT INTO CROWN AND ROOT BALL, SPRAY RESPROUTS

NOTES: APPLICABLE WHERE CIRCLED

N - NOT ALLOWED

Dist COUNTY 05 SCr 31.9/35.7 xxx ???

LICENSED LANDSCAPE ARCHITECT

XX - XX - XXPLANS APPROVAL DATE

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ROADSIDE CLEARING PLAN RC-1

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UNIT 1453

PRJOECT NUMBER & PHASE

×	×	×		×		×	
F CALIFORNIA -	DEPARTMENT OF TRANSPORTATION	CONSULTANT SENIOR LANDSCAPE ARCHITECT CALCULATED-	CALCULATED-	S HNCI: INNCX	REVISED BY		
			DESIGNED BY				
التصح		PATRICK BOYD	CHECKED BY	PATRICK BOYD	DATE REVISED		

NOTE:					
JNDERLINED	PORTION OF	BOTANICAL	NAME	INDICATE	
ABBREVIATIO	N USED ON	PLANTING PL	_AN.		

LEGEND:			
	ROADSIDE	CLEARING	LIMITS

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT		TOTAL SHEETS
05	SCr	1	31.9/35.7	XXX	???

LICENSED LANDSCAPE ARCHITECT

XX-XX-XX
PLANS APPROVAL DATE

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PLANT LEGEND

					LOI E	SIZE			AIII	APPLIC		DATEC			ŭ	MINITA	MUM PL	ANITING	nict	ANCE I	DOM:	
					HOLE	SIZE			1)	APPLIC.	ATION	1	<u> </u>		510	MININ	NOW PL	ANTIN	ו כוח כ	ANCE I	ROM	-
PLANT GROUP (SIZE)	PLANT No.	SYMBOL	BOTANICAL NAME	COMMON NAME	DIAMETER	тн	BASIN TYPE	COOM	MULCH	DMENT	PACKET FERTILIZER		ANIC LIZER	CENTER	SE PROTECTOR	_		ICE	<u> </u>	(ED CH	CH CH	REMARKS
					INCH	н ОЕРТН	BA	BASIN CF	BASIN PLT ESTB CF	CF SOI	PAC FER	PLT	PLT ESTB	SPA A	FOLIAGE	≱ Ш f†	Д ft	t†	t+ WALL	PAVED + DITCH	+ EARTH DITCH	
	1		<u>ART</u> EMISIA <u>DOU</u> GLASIANA	MUGWORT	18	18	ΙΙ	2	2	1	LA	OZ	OZ	5	ഥ	Т	10	<u> </u>	10	5	5	SHRUB (5) (8)
	2		FRANGULA <u>CAL</u> IFORNICA	COFFEE BERRY	18	18	ΙΙ	2	2	1		3	3	5			10	5	10	5	5	SHRUB (5) (8)
	3		HERACLEUM MAXIMUM	COWPARSNIP	18	18	ΙΙ	2	2	1		3	3	5			10	5	10	5	5	SHRUB (5) (7)
A (No. 1)	4	, , , , , ,	JUNCUS PATENS	COMMON RUSH	18	18	ΙΙ	2	2	1		3	3	5			10	5	10	5	5	SHRUB (5) (7)
(5		MIMULUS GUTTATUS	SEEP MONKEY FLOWER	18	18	ΙΙ	2	2	1		3	3	5			10	5	10	5	5	SHRUB (5) (6)
	6		RUBUS URSINUS	CALIFORNIA BLACKBERRY	18	18	ΙΙ	2	2	1		3	3	5			10	5	10	5	5	SHRUB (5) (8)
	7		SAMBUCUS RACEMOSA	RED ELDERBERRY	18	18	ΙΙ	2	2	1		3	3	5	13		10	5	10	5	5	SHRUB (5) (8)
	8		SCROPHULARIA CALIFORNICA	BEE PLANT	18	18	ΙΙ	2	2	1		3	3	5			10	5	10	5	5	SHRUB (5) (8)
Н	9	****	SALIX LASIOLEPIS	ARROYO WILLOW																		230
(CUTTING)	10	**** ****	SALIX LASIOLEPIS	ARROYO WILLOW										6					8			2390
	11		<u>ALN</u> US <u>RUB</u> RA	RED ALDER	8	24	ΙΙ	2	2	0.25		0.75	0.75	4	13	30		20	20	10	12	10" DEEP POT
I (POT)	12		<u>HET</u> EROMELES <u>ARB</u> UTIFOLIA	TOYON	8	24	ΙΙ	2	2	0.25		0.75	0.75	4	13		15	15	10	10	12	10" DEEP POT
	13	+	MORELLA CALIFORNICA	WAX MYRTLE	8	24	ΙΙ	2	2	0.25		0.75	0.75	4			15	15	10	10	12	10" DEEP POT
	14		<u>PIN</u> US <u>RAD</u> IATA	MONTEREY PINE	8	24	ΙΙ	2	2	0.25		0.75	0.75	4		30		20	20	10	12	10" DEEP POT
TRANSPLANT	15		POLYSTICHUM CALIFORNICUM	SWORD FERN	10	0	I				2											576
PLANTS	16		WOODWARDIA FIMBRIATA	GIANT CHAIN FERN	10	0	I				2											573

APPLICABLE WHERE CIRCLED

- 1 QUANTITIES SHOWN ARE "PER PLANT"
- 2- SEE DETAIL
- 3-SEE SPECIAL PROVISIONS
- 4 AS SHOWN ON PLANS
- (5) MIXED SHRUB PLANTING TO BE ARRANGED IN A RANDOM PATTERN, SPACED PER PLANT LEGEND.
- 6 PLANT WITHIN 5'-0" TO 8'-0" OF CENTERLINE OF WATERWAY
- 7 PLANT WITHIN 8'-0" TO 15'-0" OF CENTERLINE OF WATERWAY
- 8 PLANT WITHIN 15'-0" OF CENTERLINE OF WATERWAY AND EDGE OF DISTURBED SOIL.
- 9 IN PLANT TUBES.
- O TAKE CUTTINGS FROM NEARBY AREAS APPROVED BY THE ENGINEER

- 1 SUFFICIENT TO RECEIVE ROOT BALL
- ()- ROOTBALLS ARE APPROXIMATELY EQUIVALENT TO 5 GALLON
- 3 SPECIES TO TRANSPLANT AS DETERMINED BY ENGINEER
- 1 REQUIRED. SEE PROJECT PLANS

PLANT LIST

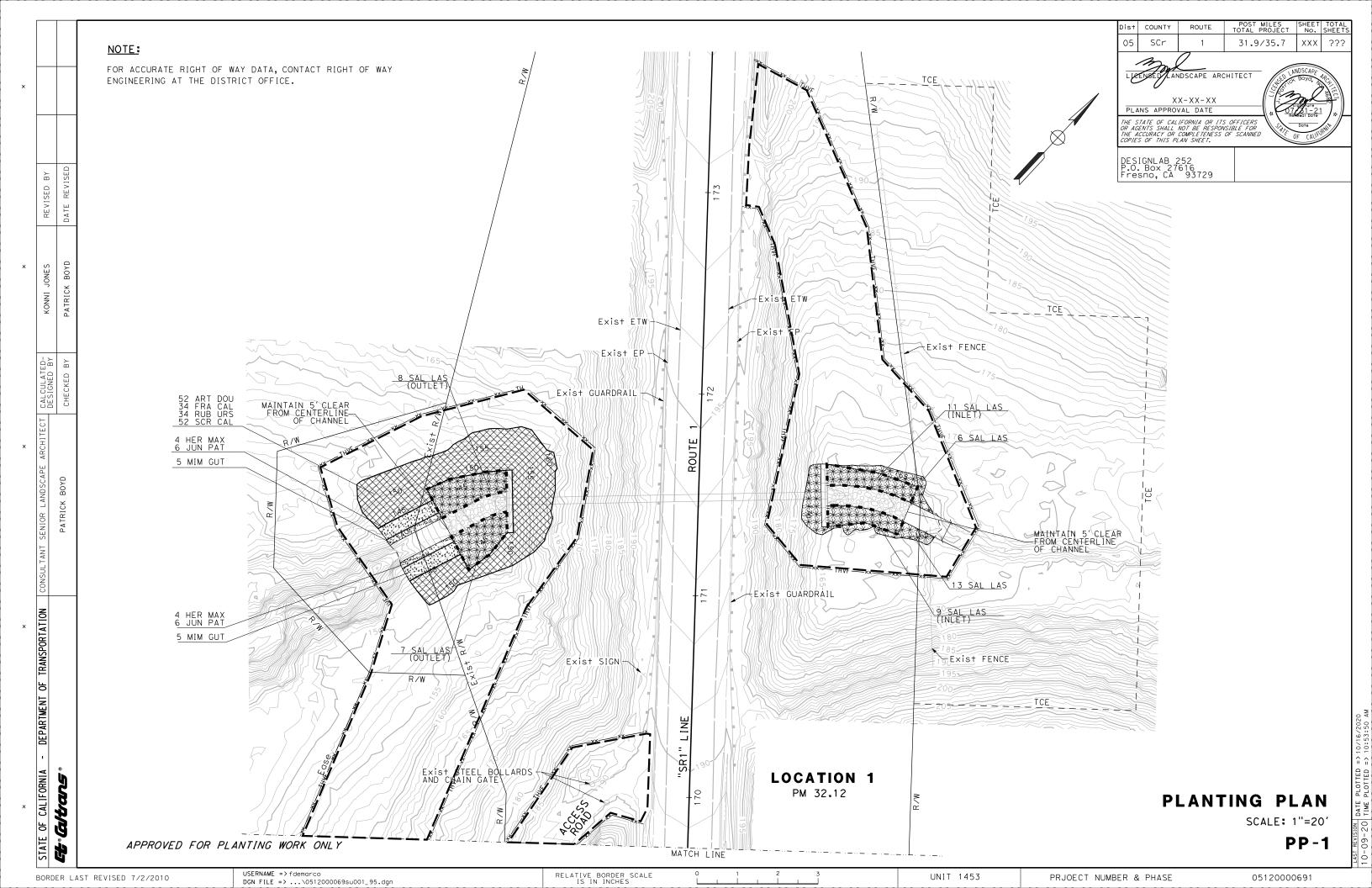
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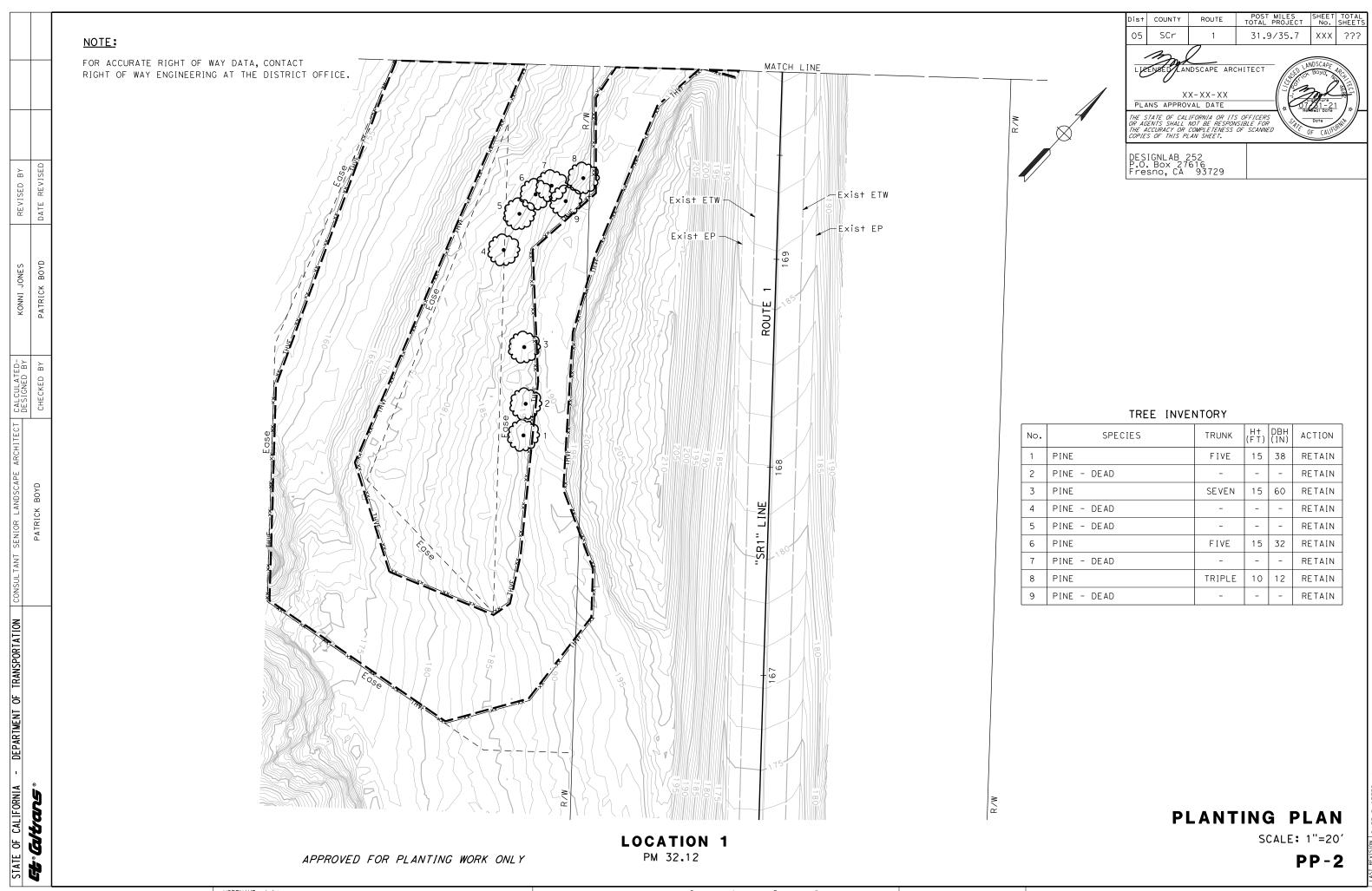
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UNIT 1453

PRJOECT NUMBER & PHASE

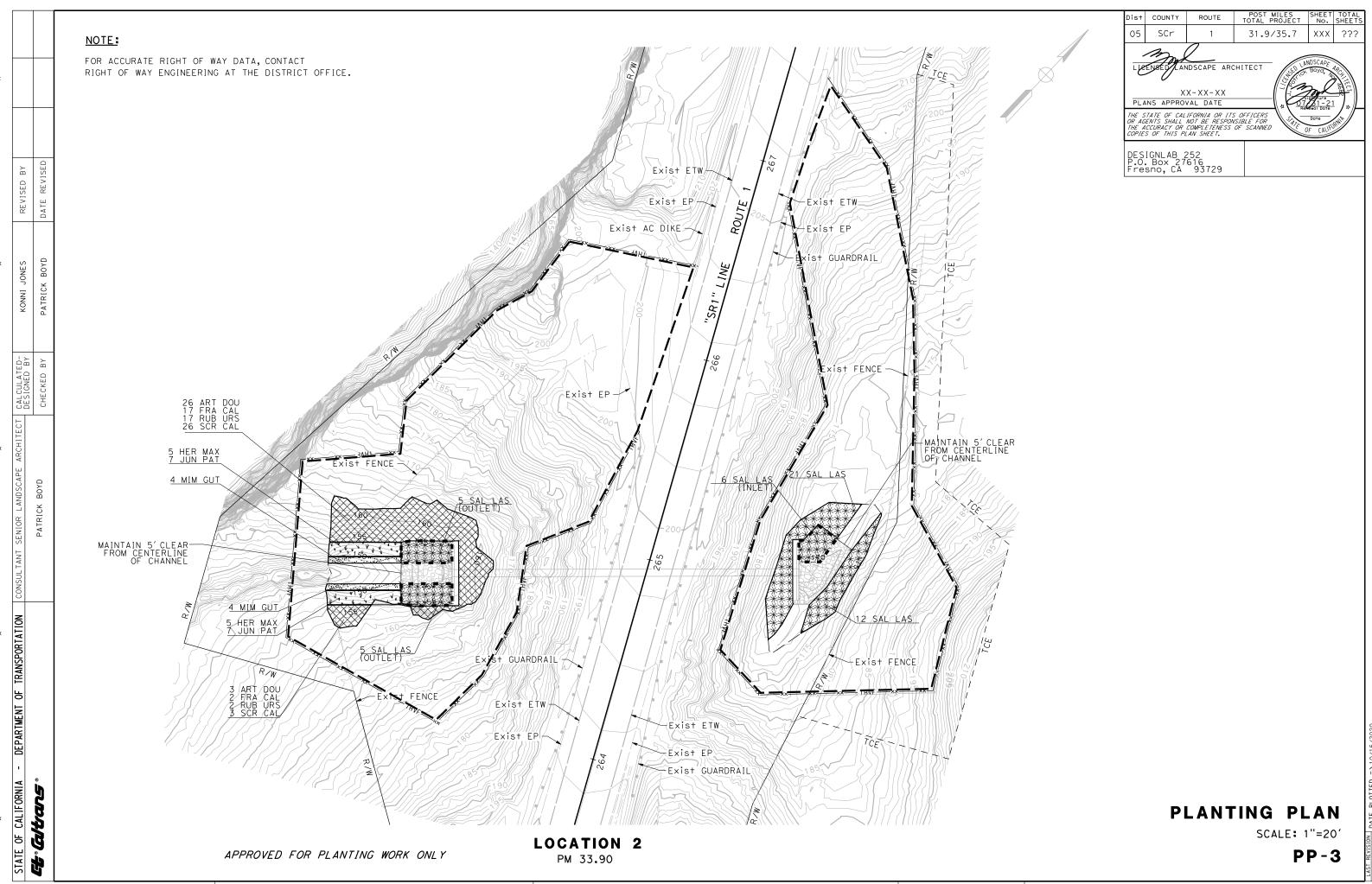




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UNIT 1453

PRJOECT NUMBER & PHASE



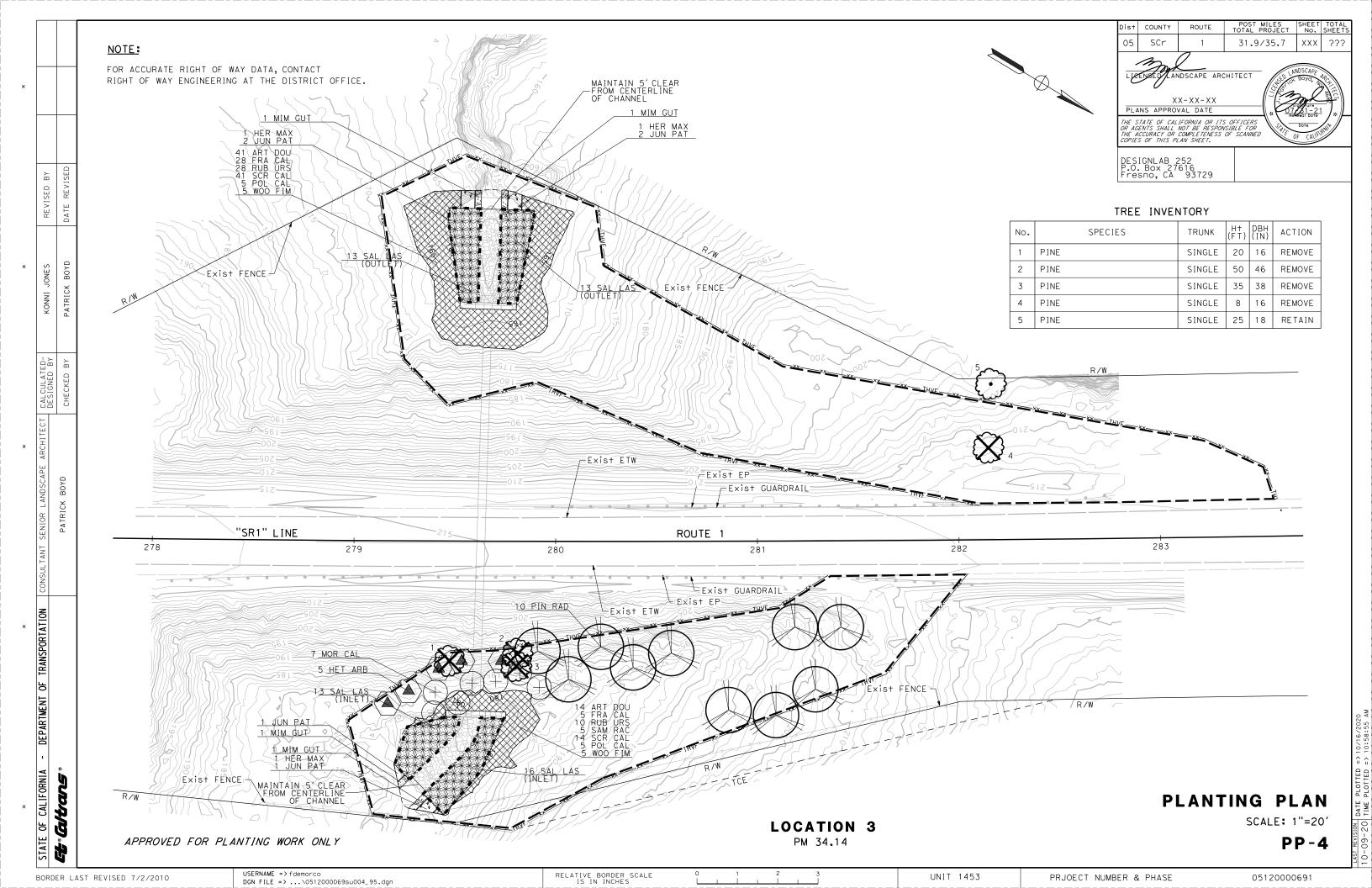
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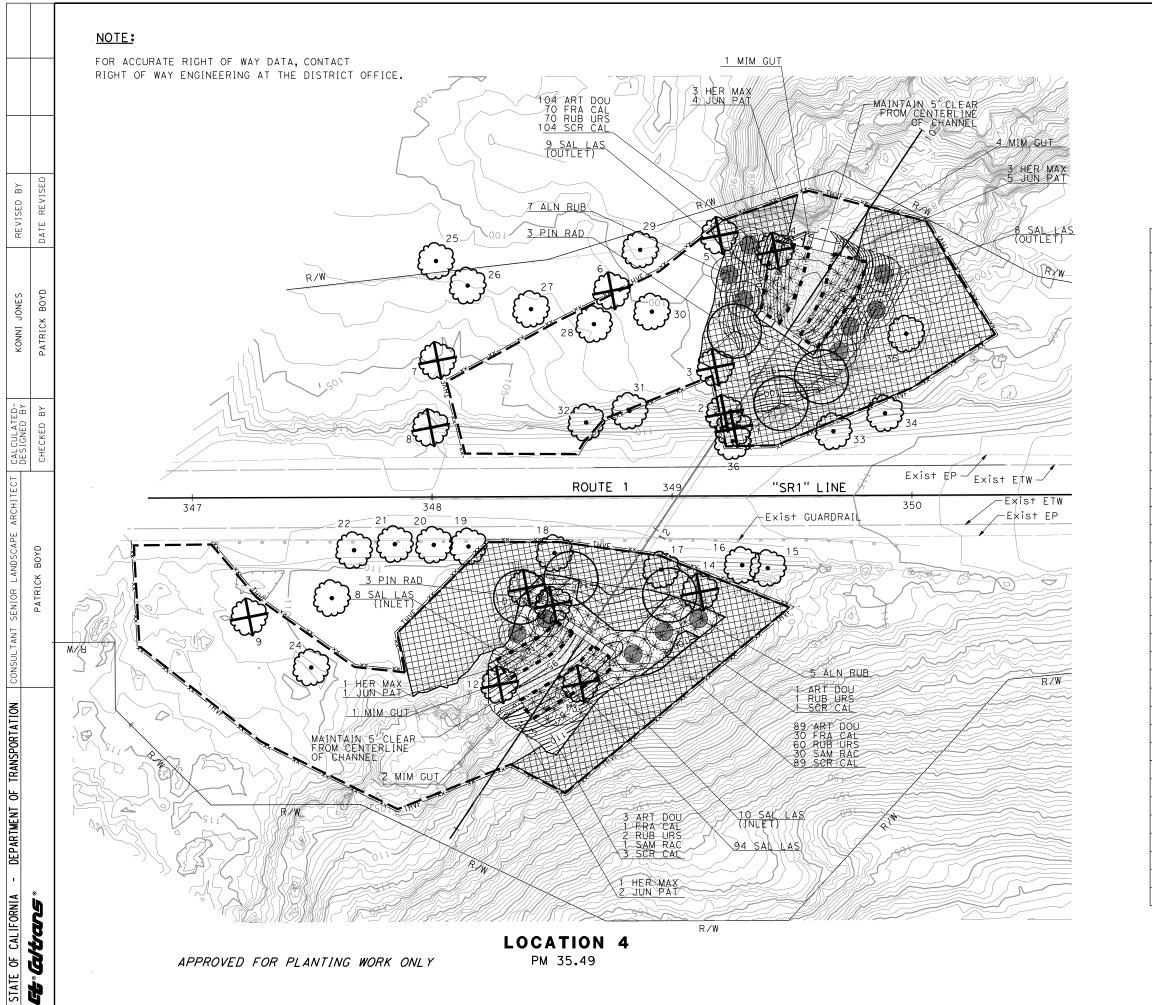
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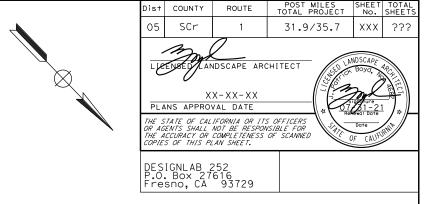
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RELATIVE BORDER SCALE IS IN INCHES

PRJOECT NUMBER & PHASE







TREE INVENTORY

No.	SPECIES	TRUNK	H† (FT)	DBH (IN)	ACTION
1	PINE - DEAD	-	-	-	REMOVE
2	CYPRESS	SINGLE	15	12	REMOVE
3	CYPRESS	DOUBLE	50	85	REMOVE
4	CYPRESS	SINGLE	15	12	REMOVE
5	CYPRESS - DEAD	-	-	-	REMOVE
6	CYPRESS - DEAD	-	-	-	REMOVE
7	PINE - DEAD	-	-	-	REMOVE
8	PINE - DEAD	-	-	-	REMOVE
9	CYPRESS - DEAD	-	-	-	REMOVE
10	CYPRESS	SINGLE	55	56	REMOVE
11	CYPRESS	SINGLE	45	18	REMOVE
12	PINE - DEAD	-	-	-	REMOVE
13	PINE	SINGLE	30	12	REMOVE
14	CYPRESS (STUMP ONLY)	-	-	-	REMOVE
15	CYPRESS	SINGLE	40	22	RETAIN
16	CYPRESS	DOUBLE	60	89	RETAIN
17	CYPRESS	SINGLE	60	35	RETAIN
18	CYPRESS	SINGLE	55	44	RETAIN
19	CYPRESS	SINGLE	50	34	RETAIN
20	CYPRESS	DOUBLE	50	55	RETAIN
21	CYPRESS	SINGLE	50	28	RETAIN
22	CYPRESS	DOUBLE	50	50	RETAIN
23	CYPRESS	DOUBLE	60	75	RETAIN
24	CYPRESS	DOUBLE	60	55	RETAIN
25	PINE	SINGLE	45	20	RETAIN
26	PINE - DEAD		-	-	RETAIN
27	CYPRESS	SINGLE	40	16	RETAIN
28	CYPRESS	SINGLE	40	23	RETAIN
29	CYPRESS	SINGLE	40	47	RETAIN
30	CYPRESS	SINGLE	25	9	RETAIN
31	CYPRESS	SINGLE	45	33	RETAIN
32	CYPRESS	TRIPLE	50	78	RETAIN
33	CYPRESS	SINGLE	40	38	RETAIN
34	CYPRESS	SINGLE	35	18	RETAIN
35	CYPRESS	SINGLE	25	18	RETAIN
36	CYPRESS	SINGLE	35	33	RETAIN

PLANTING PLAN

SCALE: 1"=20'

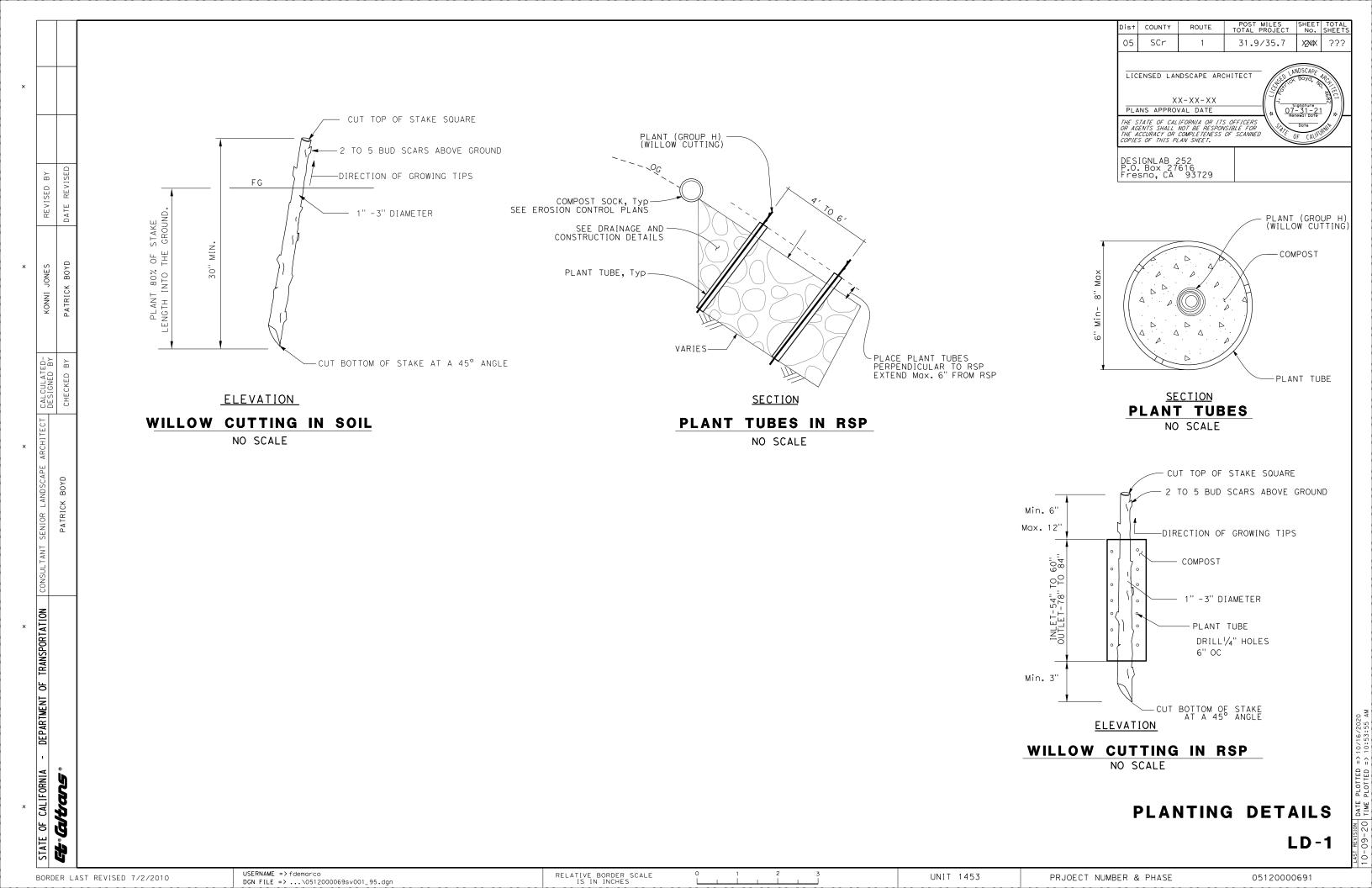
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RELATIVE BORDER SCALE IS IN INCHES

3 _______ PRJOECT NUMBER & PHASE



×	×		×		×
TRANSPORTATION	CONSULTANT SENIOR LANDSCAPE ARCHITECT CALCULATED-	CALCULATED-	& BNCI. INNCA	REVISED BY	
		DESIGNED BY			
	PATRICK BOYD	CHECKED BY	PATRICK BOYD	DATE REVISED	

STATE OF CALIFORNIA - DEPARTMENT OF

PLANTING QUANTITIES

PLANT GROUP Н

EΑ ЕΑ 498

252 65

COFFEE BERRY FRANGULA CALIFORNICA COWPARSNIP HERACLEUM MAXIMUM 98 COMMON RUSH

COMMON NAME

JUNCUS PATENS SEEP MONKEY FLOWER

MUGWORT

MIMULUS GUTTATUS RUBUS URSINUS CALIFORNIA BLACKBERRY 335

BOTANICAL NAME

ARTEMISIA DOUGLASIANA

WOODWARDIA FIMBRIATA

SAMBUCUS RACEMOSA RED ELDERBERRY 498 SCROPHULARIA CALIFORNICA BEE PLANT

ARROYO WILLOW SALIX LASIOLEPIS

RED ALDER ALNUS RUBRA HETEROMELES ARBUTIFOLIA

WAX MYRTLE 7 MORELLA CALIFORNICA MONTEREY PINE <u>PIN</u>US <u>RAD</u>IATA 16 POLYSTICHUM CALIFORNICUM SWORD FERN 10

> GIANT CHAIN FERN 10 TOTAL 1894 287 40 | 362.6 | 143.3 | 99 20

POST MILES SHEET TOTAL TOTAL PROJECT No. SHEETS ist COUNTY 05 SCr 31.9/35.7 X2X4X ???

LICENSED LANDSCAPE ARCHITECT

PLANS APPROVAL DATE

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PLANTING QUANTITIES

LQ-1

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PLANT BASIN

EA LB

ORGANIC FERTILIZER

93.4 36.9

47.3 18.7

18.4 7.3

62.8 24.8

93.4 36.9

4.8

4.9

6.1

0.9

0.4

0.5

1.2

12

5

12.2

12.4

15.4

2.3

0.9

1.3

3.0

20

FOL IAGE PROTECTOR

CY EA EA

PLANT

PACKET FERTILIZER

SOIL AMENDMENT

CY

18.4

9.3

2.4

3.6

2.4

12.4

3.0

18.4

0.4

0.2

0.3

TRANSPLANT

PLANTS

EΑ

12

5

UNIT 1453

PRJOECT NUMBER & PHASE

SEED MIX 1

BOTANICAL NAME (COMMON NAME)	PERCENT GERMINATION (MINIMUM)	POUNDS PURE LIVE SEED PER ACRE (SLOPE MEASUREMENT)
ACHILLEA MILLEFOLIUM (COMMON YARROW)	60	0.5
DESCHAMPSIA CESPITOSA (TUFTED HAIRGRASS)	55	4.0
ELYMUS TRITICOIDES (WILD RYE)	60	6.0
FESTUCA RUBRA (RED FESCUE)	60	8.0
FESTUCA MICROSTACHYS (SMALL FESCUE)	60	4.0
HORDEUM BRACHYANTHERUM (MEADOW BARLEY)	55	12.0

ALL SEED TYPES TO BE PRODUCED IN THE STATE OF CALIFORNIA

SEED MIX 2

BOTANICAL NAME (COMMON NAME)	PERCENT GERMINATION (MINIMUM)	POUNDS PURE LIVE SEED PER ACRE (SLOPE MEASUREMENT)
ACMISPON GLABRA (DEERWEED)	50	4.0
ARTEMISIA CALIFORNICA (CALIFORNIA SAGEBRUSH)	45	0.5
BACCHARIS PILULARIS (COYOTE BRUSH)	30	0.5
ELYMUS GLAUCUS (WILD BLUE RYE)	65	4.0
ERIOGONUM LATIFOLIUM (COAST BUCKWHEAT)	25	2.0
FESTUCA MICROSTACHYS (SMALL FESCUE)	60	4.0
HORDEUM BRACHANTHERUM (MEADOW BARLEY)	60	12.0
LUPINUS NANUS (SKY LUPINE)	50	6.0
MELICA IMPERFECTA (COAST RANGE MELIC)	50	2.5
MIMULUS AURANTIACUS (MONKEYFLOWER)	40	0.25
STIPA PULCHRA (PURPLE NEEDLE GRASS)	60	8.0

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
05	SCr	1	31.9/35.7	X2X7X	???

LICENSED LANDSCAPE ARCHITECT

PLANS APPROVAL DATE

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EROSION CONTROL TYPE 1

SEQUENCE	ITEM	MATERIA	L		APPLICATION	DEPTH
SEQUENCE	I I ⊏ IVI	DESCRIPTION	TYPE	FASTENER	RATE	DEFIR
STEP 1	COMPOST	COMPOST	FINE		270 CY/ACRE	2"
STEP 2	HYDROSEED	SEED	MIX #1		34.5 LB/ACRE	
SIEF Z	IIIDNOSEED	FIBER	WOOD		2,500 LB/ACRE	
		TACKIFIER	PSYLLIUM		150 LB/ACRE	
STEP 3	RECP (NETTING)	NETTING	TYPE B	8-GAUGE, 8 INCH STEEL STAPLE		

EROSION CONTROL TYPE 2

SEQUENCE	ITEM	MATERIA	L	APPLICATION	DEPTH
SEQUENCE	I I ⊏ IVI	DESCRIPTION	TYPE	RATE	DEI III
STEP 1	COMPOST	COMPOST	FINE	270 CY/ACRE	2"
		SEED	MIX #1	34.5 LB/ACRE	
STEP 2	HYDROSEED	FIBER	WOOD	2,500 LB/ACRE	
		TACKIFIER	PSYLLIUM	150 LB/ACRE	

EROSION CONTROL TYPE 3

SEQUENCE	ITEM	MATERIA	L	APPLICATION	DEPTH
SEQUENCE		DESCRIPTION	TYPE	RATE	
STEP 1	COMPOST	COMPOST	FINE	270 CY/ACRE	2"
STEP 2	HYDROSEED	SEED	MIX #2	43.75 LB/ACRE	
		FIBER	WOOD	2,500 LB/ACRE	
		TACKIFIER	PSYLLIUM	150 LB/ACRE	

COMPOST SOCK

SEQUENCE	ITEM	MATERIAL	MATERIAL TYPE
INSTALL BEFORE EC TYPE 1	COMPOST SOCK	COMPOST FILLED BIODEGRADEABLE TUBE	8" Dia

EROSION CONTROL LEGEND

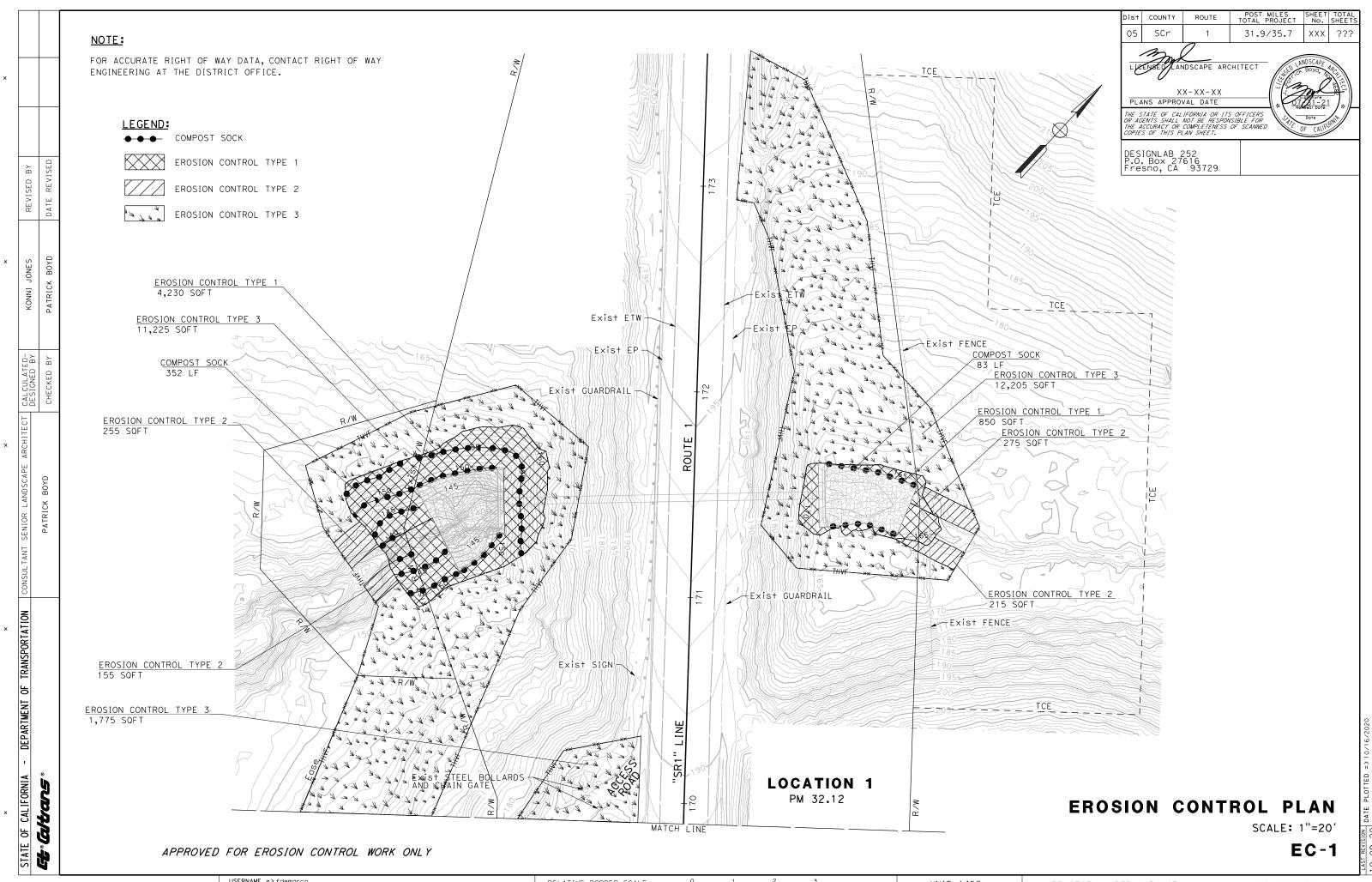
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ALL SEED TYPES TO BE PRODUCED IN THE STATE OF CALIFORNIA

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UNIT 1453

PRJOECT NUMBER & PHASE



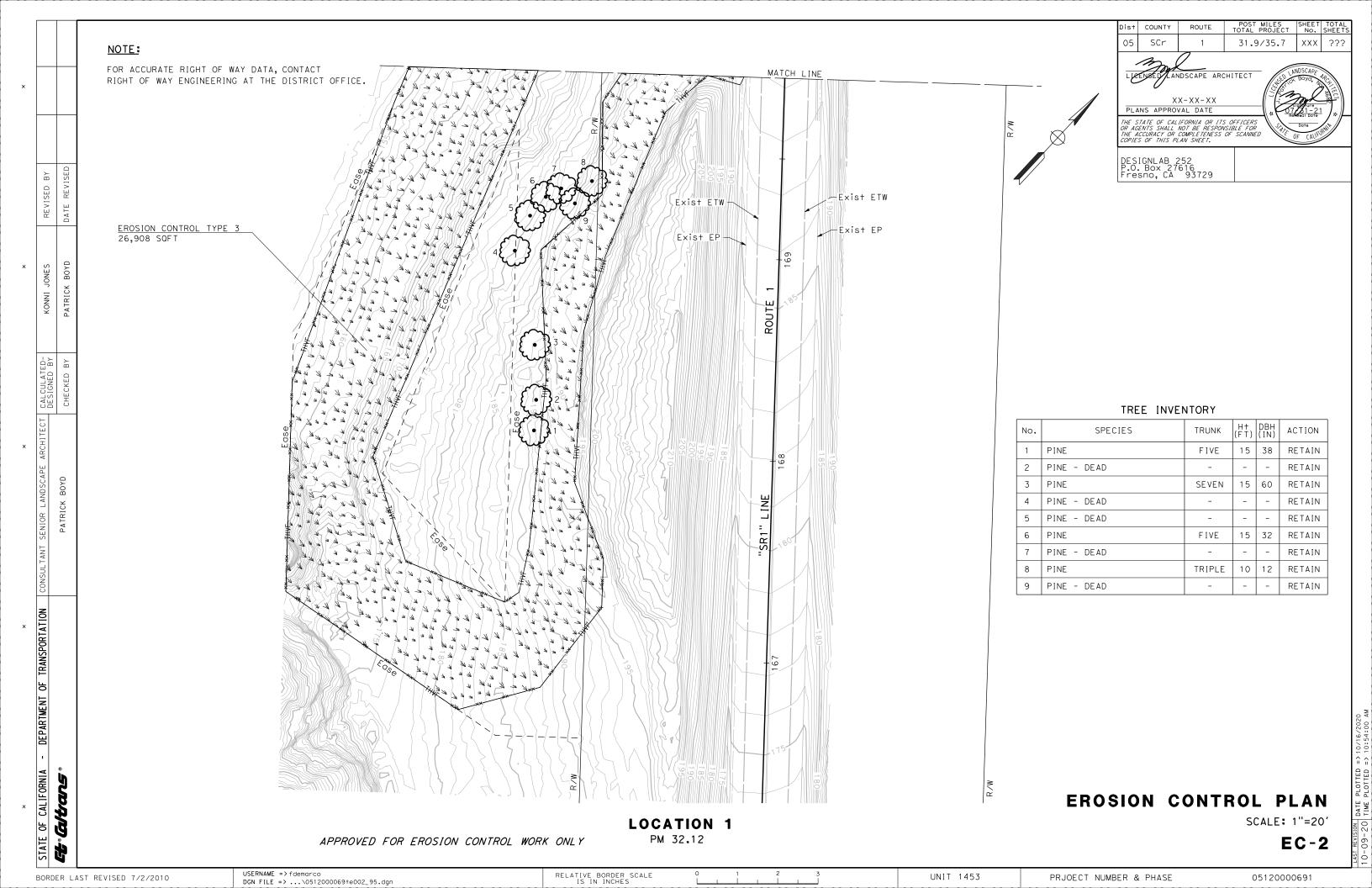
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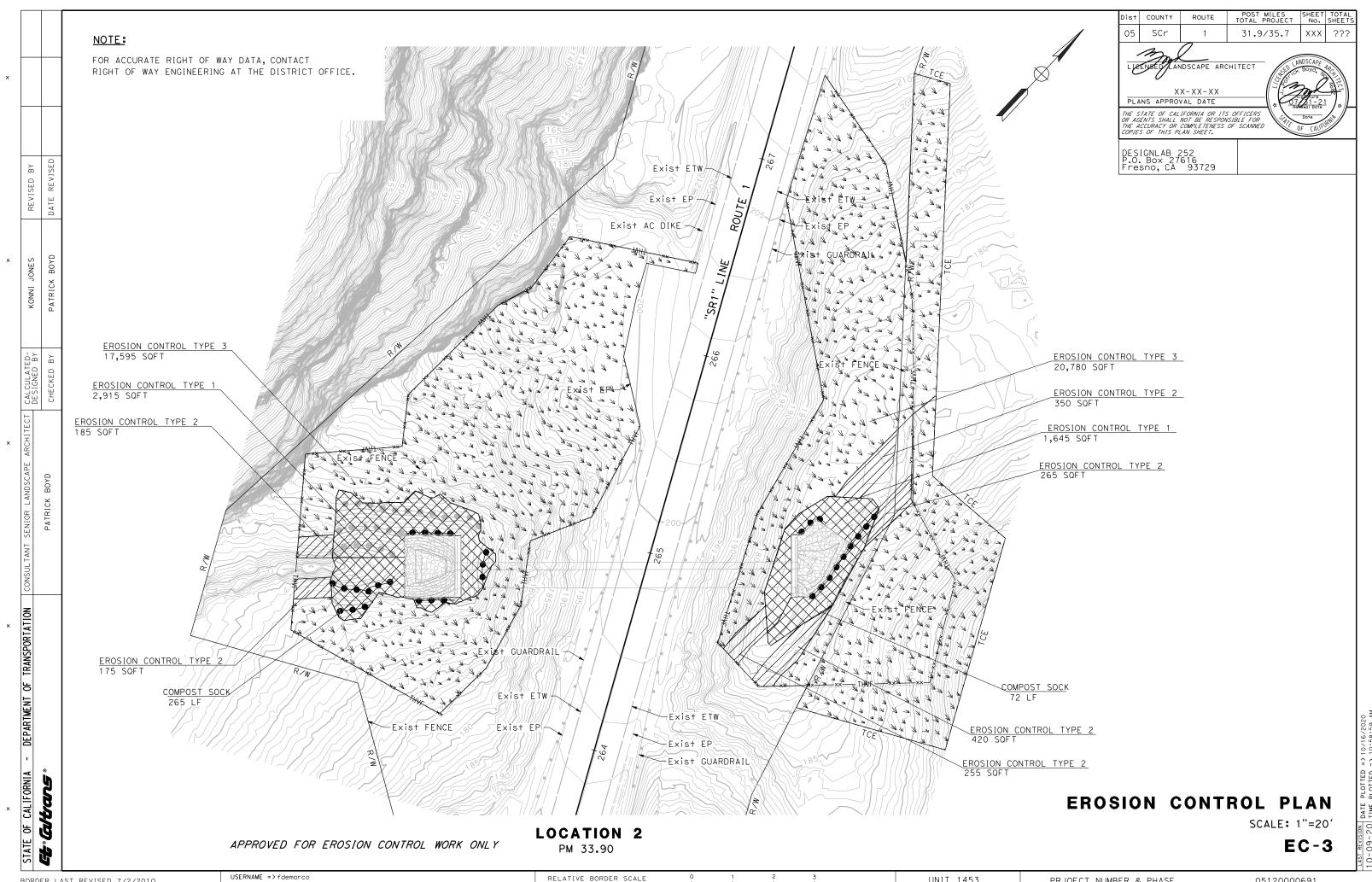
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RELATIVE BORDER SCALE
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UNIT 1453

PRIOECT NUMBER & PHASE
05120000691

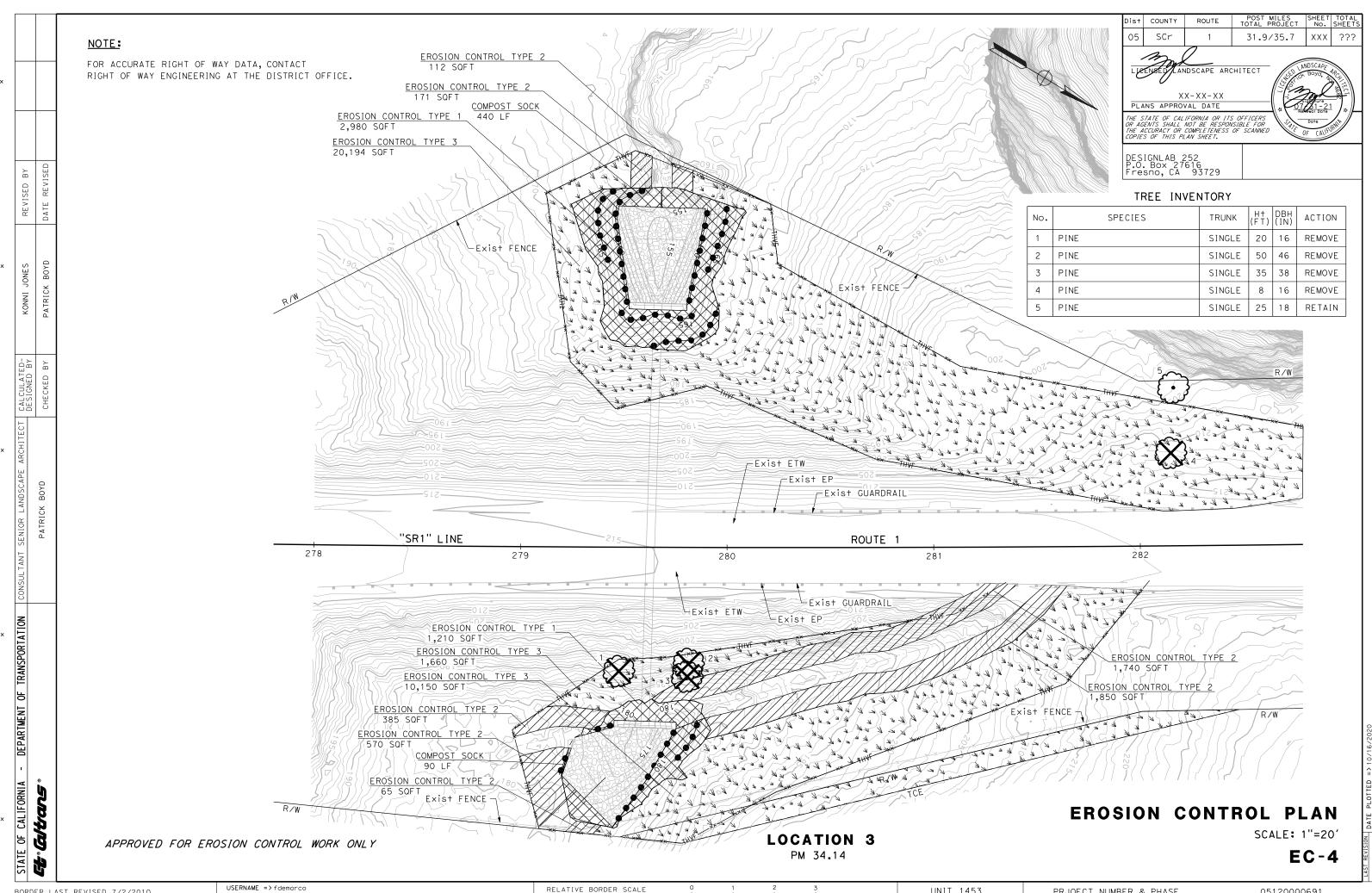




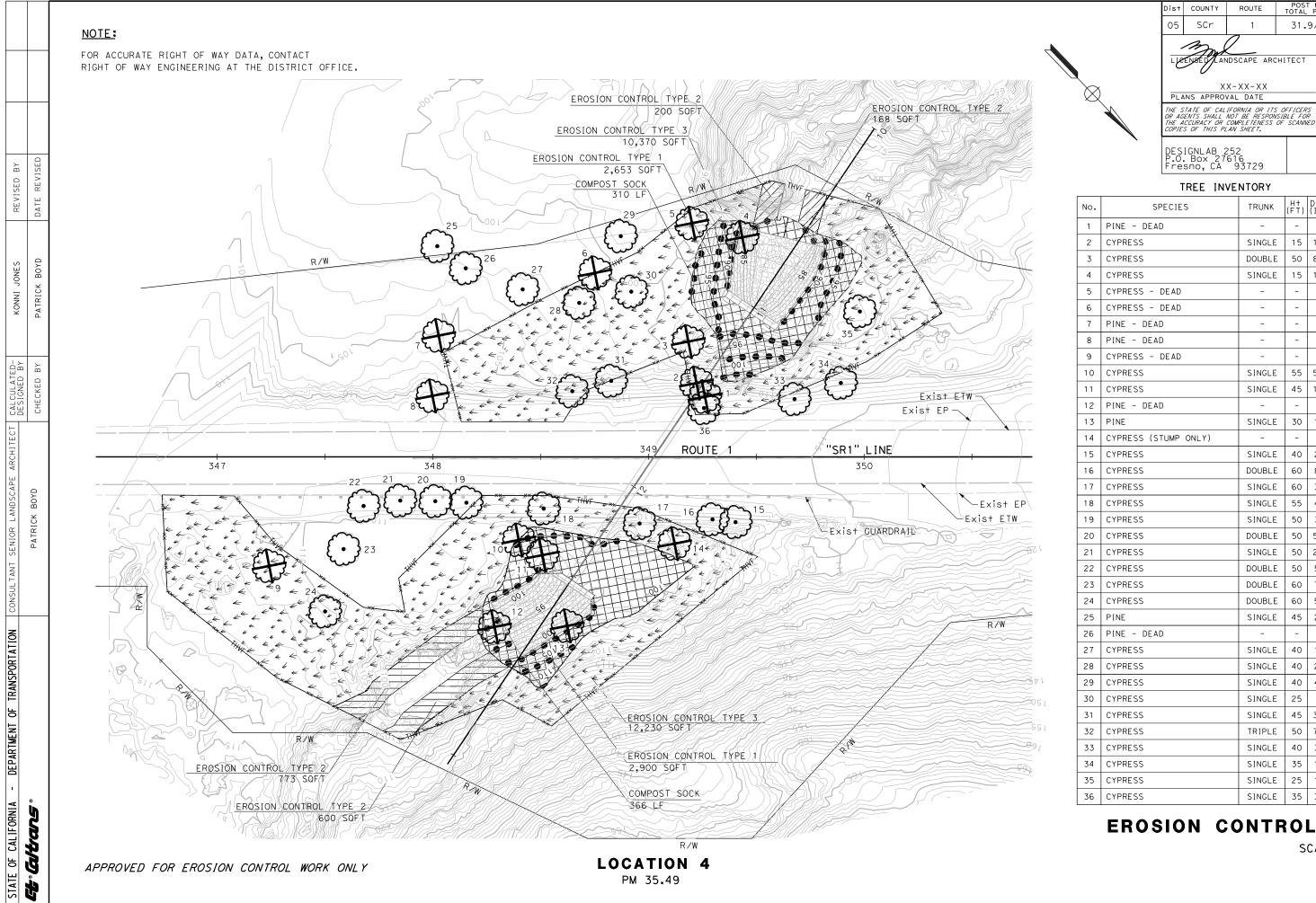
BORDER LAST REVISED 7/2/2010 DGN FILE => ...\0512000069+e003_95.dgn RELATIVE BORDER SCALE IS IN INCHES

UNIT 1453

PRJOECT NUMBER & PHASE



RELATIVE BORDER SCALE IS IN INCHES 05120000691 UNIT 1453 PRJOECT NUMBER & PHASE BORDER LAST REVISED 7/2/2010 DGN FILE => ...\0512000069+e004_95.dgn



05120000691

UNIT 1453

PRJOECT NUMBER & PHASE

31.9/35.7 XXX

ANDSCAPE ARCHITECT

No.	SPECIES	TRUNK	H+ (FT)	DBH (IN)	ACTION
1	PINE - DEAD	-	-	-	REMOVE
2	CYPRESS	SINGLE	15	12	REMOVE
3	CYPRESS	DOUBLE	50	85	REMOVE
4	CYPRESS	SINGLE	15	12	REMOVE
5	CYPRESS - DEAD	-	-	-	REMOVE
6	CYPRESS - DEAD	-	-	-	REMOVE
7	PINE - DEAD	-	-	-	REMOVE
8	PINE - DEAD	-	-	-	REMOVE
9	CYPRESS - DEAD	-	-	-	REMOVE
10	CYPRESS	SINGLE	55	56	REMOVE
11	CYPRESS	SINGLE	45	18	REMOVE
12	PINE - DEAD	-	-	-	REMOVE
13	PINE	SINGLE	30	12	REMOVE
14	CYPRESS (STUMP ONLY)	-	-	-	REMOVE
15	CYPRESS	SINGLE	40	22	RETAIN
16	CYPRESS	DOUBLE	60	89	RETAIN
17	CYPRESS	SINGLE	60	35	RETAIN
18	CYPRESS	SINGLE	55	44	RETAIN
19	CYPRESS	SINGLE	50	34	RETAIN
20	CYPRESS	DOUBLE	50	55	RETAIN
21	CYPRESS	SINGLE	50	28	RETAIN
22	CYPRESS	DOUBLE	50	50	RETAIN
23	CYPRESS	DOUBLE	60	75	RETAIN
24	CYPRESS	DOUBLE	60	55	RETAIN
25	PINE	SINGLE	45	20	RETAIN
26	PINE - DEAD	-	-	-	RETAIN
27	CYPRESS	SINGLE	40	16	RETAIN
28	CYPRESS	SINGLE	40	23	RETAIN
29	CYPRESS	SINGLE	40	47	RETAIN
30	CYPRESS	SINGLE	25	9	RETAIN
31	CYPRESS	SINGLE	45	33	RETAIN
32	CYPRESS	TRIPLE	50	78	RETAIN
33	CYPRESS	SINGLE	40	38	RETAIN
34	CYPRESS	SINGLE	35	18	RETAIN
35	CYPRESS	SINGLE	25	18	RETAIN
36	CYPRESS	SINGLE	35	33	RETAIN

EROSION CONTROL PLAN

SCALE: 1"=20'

EC-5

BORDER LAST REVISED 7/2/2010

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EROSION CONTROL QUANTITIES

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PRJOECT NUMBER & PHASE

POST MILES SHEET TOTAL TOTAL PROJECT No. SHEETS 31.9/35.7 xxx

???

LICENSED LANDSCAPE ARCHITECT

PLANS APPROVAL DATE

Dist COUNTY

SCr

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