

**Skyview Road Pedestrian Bridge
Over French Valley Channel
Community of French Valley
Project No. C9-0015**

**As-Built Plans
RCFC&WCD 7-487
Warm Springs Valley Channel**

Notice regarding these As-Built Plans:

These plans are provided for reference only.

Although this information represents the latest information available, the County of Riverside Transportation Department does not guarantee the accuracy of this data.

SUPPLEMENTAL PROJECT INFORMATION, AS-BUILT PLANS RCFC&WCD 7-0487, Sheet 1 of 6

- I HEREBY DECLARE THAT THE DESIGN OF THE IMPROVEMENTS AS SHOWN ON THESE PLANS COMPLIES WITH THE PROFESSIONAL ENGINEERING STANDARDS AND PRACTICES AS THE ENGINEER IN RESPONSIBLE CHARGE OF THE DESIGN OF THESE IMPROVEMENTS, I ASSUME FULL RESPONSIBLE CHARGE FOR SUCH DESIGN. I UNDERSTAND AND ACKNOWLEDGE THAT THE PLAN CHECK OF THESE PLANS BY RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT IS A REVIEW FOR THE LIMITED PURPOSE OF ENSURING THAT THE PLANS CONFORM WITH CITY PROCEDURES, APPLICABLE POLICIES AND ORDINANCES. THE PLAN CHECK IS NOT A DETERMINATION OF THE TECHNICAL ADEQUACY OF THE DESIGN OF THE IMPROVEMENTS. SUCH PLAN CHECK DOES NOT, THEREFORE, RELIEVE ME OF MY RESPONSIBILITIES FOR THE DESIGN OF THESE IMPROVEMENTS. AS ENGINEER OR RECORD, I AGREE TO INDEMNIFY AND HOLD RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT, ITS OFFICERS, AGENTS, AND EMPLOYEES, HARMLESS FROM ANY AND ALL LIABILITIES, CLAIMS, DAMAGES OR INJURIES, TO ANY PERSON OR PROPERTY WHICH MIGHT ARISE FROM THE NEGLIGENT ACTS, ERRORS OR OMISSIONS OF THE ENGINEER OF RECORD, ANY EMPLOYEES, AGENTS OR CONSULTANTS.

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SEAL

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JOSEPH L. CASTANEDA R.C.E. 59835

$$1'' = 200$$

CONCRETE FLARED END SECTION D94A

THE CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY, AND HOLD THE OWNER AND THE ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR ENGINEER.

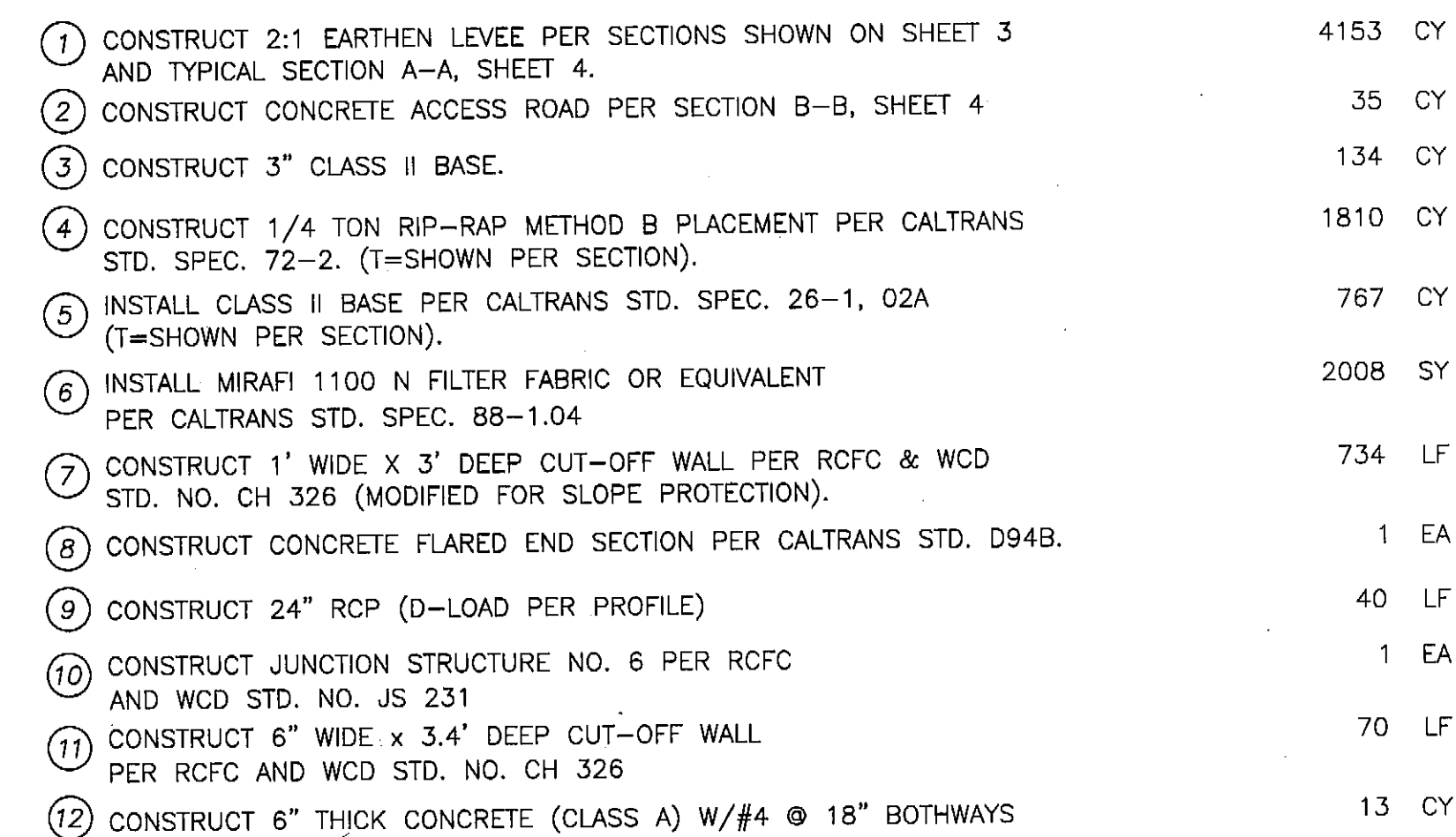
REVISIONS

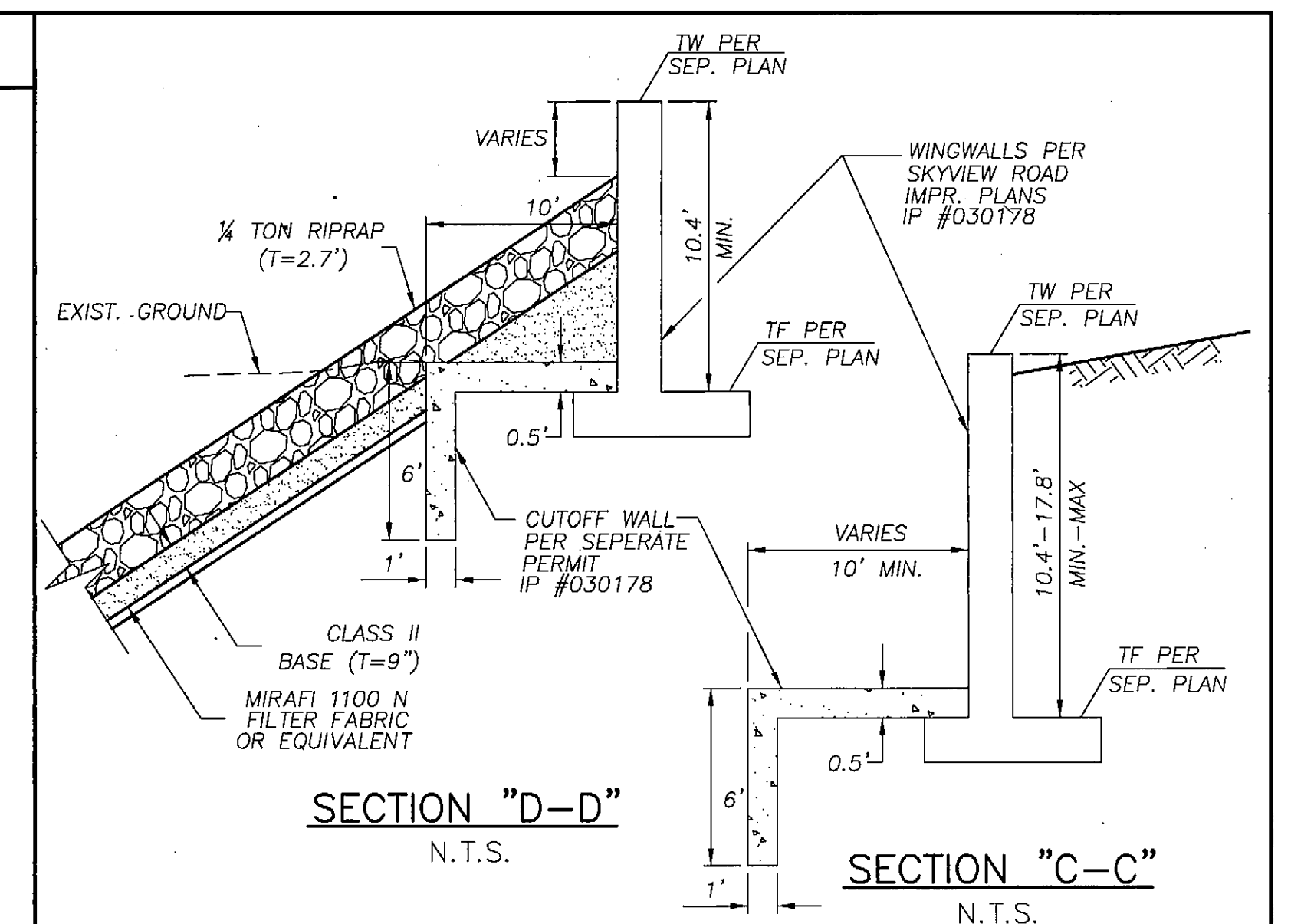
CHIEF ENGINEER

TRANSPORTATION DEPARTMENT
RIVERSIDE COUNTY CALIF

TITLE SHEET

SHEET 1 OF 6





CURVE\LINE DATA				
△	DELTA\BEARING	RADIUS	LENGTH\DIST.	TANGENT
(A)	03°29'15"	1971.95'	120.03'	60.03'
(B)	11°06'14"	516.00'	100.00'	50.16'
(C)	N28°59'50"E	—	45.24'	—
(D)	25°20'05"	350.00'	154.76'	78.67'
(E)	13°09'16"	348.45'	80.00'	40.18'
(F)	N80°44'31"E	—	20.78'	—
(G)	N88°15'54"W	—	6.15'	—
(H)	N02°38'49"W	—	75.22'	—
(I)	N88°15'54"W	—	60.00'	—
(J)	12°32'28"	364.04'	79.68'	40.00'
(K)	12°45'38"	380.54'	84.75'	42.55'
(L)	02°23'09"	1413.75'	58.87'	29.44'
(M)	02°38'08"	2063.00'	94.89'	47.46'
(N)	13°15'27"	563.00'	130.27'	65.43'
(O)	N29°10'22"E	—	33.28'	—
(P)	21°45'20"	303.00'	115.05'	58.23'
(Q)	N88°15'54"W	—	52.96'	—
(R)	N01°44'06"E	—	110.00'	—
(S)	N85°24'23"E	—	33.93'	—
(T)	N69°31'47"E	—	73.95'	—
(U)	N77°58'32"W	—	48.51'	—
(V)	N10°00'28"W	—	136.27'	—
(W)	N06°21'50"E	—	48.07'	—
(X)	N29°08'15"E	—	158.39'	—
(Y)	N22°32'38"E	—	105.05'	—
(Z)	N13°45'29"E	—	109.26'	—
(AA)	N64°22'46"W	—	42.88'	—
(BB)	N45°25'45"W	—	35.20'	—
(CC)	00°59'58"	2033.00'	35.46'	17.73'
(DD)	N50°50'40"E	—	20.00'	—
(EE)	N39°09'20"W	—	57.15'	—
(FF)	N00°27'54"W	—	74.18'	—
(GG)	N12°49'54"E	—	12.51'	—
(HH)	N77°10'49"W	—	63.06'	—

LEGEND

USCOE AND CDFG
- JURISDICTIONAL LIMITS

CDFG JURISDICTIONAL LIMITS

USCOE JURISDICTIONAL LIMITS

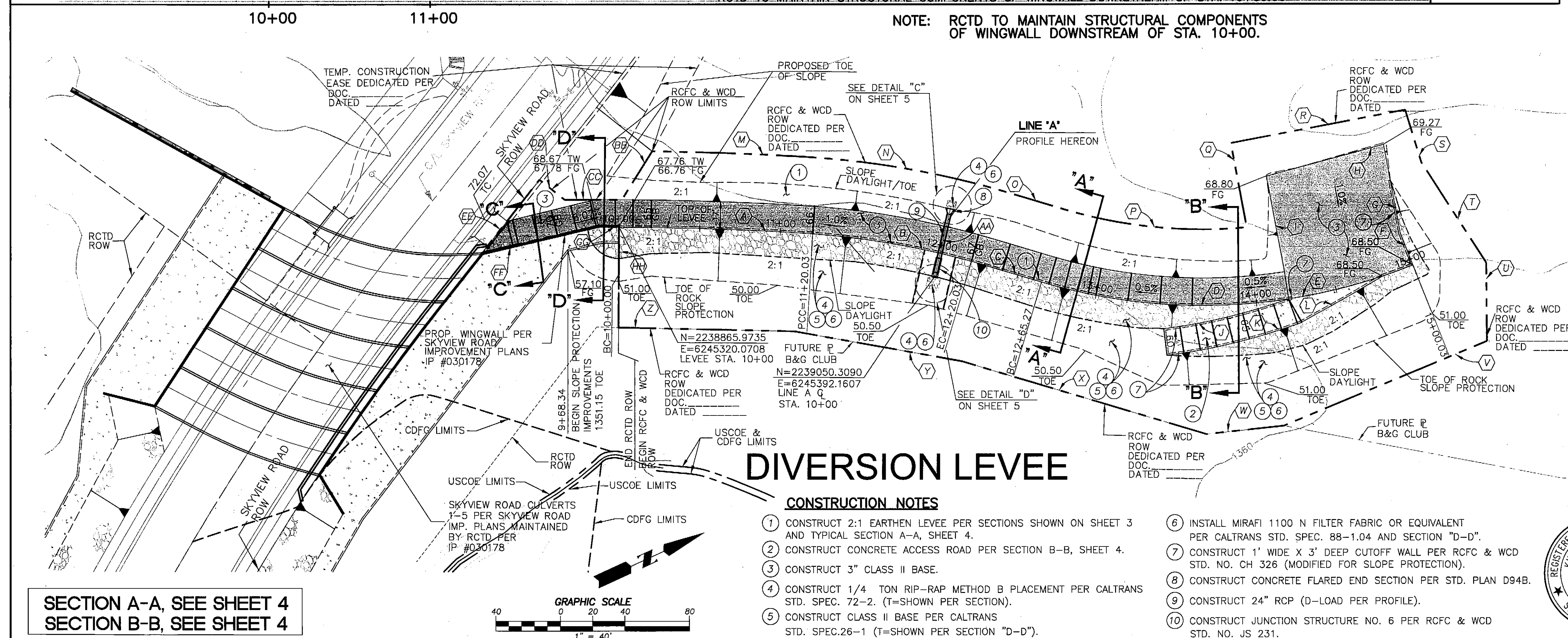
MDC.
P NO. 030178

PROJECT NO.
7-0-00007

DRAWING NO.

-48-

SHEET 2 OF 6



SECTION A-A, SEE SHEET 4
SECTION B-B, SEE SHEET 4

CONSTRUCTION NOTES

- | | | | |
|---|---|---|---|
| ① | CONSTRUCT 2:1 EARTHEN LEVEE PER SECTIONS SHOWN ON SHEET 3 AND TYPICAL SECTION A-A, SHEET 4. | ⑥ | INSTALL MIRAFI 1100 N FILTER FABRIC OR EQUIVALENT PER CALTRANS STD. SPEC. 88-1.04 AND SECTION "D-D". |
| ② | CONSTRUCT CONCRETE ACCESS ROAD PER SECTION B-B, SHEET 4. | ⑦ | CONSTRUCT 1' WIDE X 3' DEEP CUTOFF WALL PER RCFC & WCD STD. NO. CH 326 (MODIFIED FOR SLOPE PROTECTION). |
| ③ | CONSTRUCT 3" CLASS II BASE. | ⑧ | CONSTRUCT CONCRETE FLARED END SECTION PER STD. PLAN D94B. |
| ④ | CONSTRUCT 1/4 TON RIP-RAP METHOD B PLACEMENT PER CALTRANS STD. SPEC. 72-2. (T=SHOWN PER SECTION). | ⑨ | CONSTRUCT 24" RCP (D-LOAD PER PROFILE). |
| ⑤ | CONSTRUCT CLASS II BASE PER CALTRANS STD. SPEC. 26-1 (T=SHOWN PER SECTION "D-D"). | ⑩ | CONSTRUCT JUNCTION STRUCTURE NO. 6 PER RCFC & WCD STD. NO. JS 231. |



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PH. (951) 695-3848 FAX (951) 695-3849

Joseph L. Castaneda
JOSEPH L. CASTANEDA R.C.E. 59835

BENCHMARK LOCATION:

RECOVERY NOTE BY METRO WATER DIST. SO. CALIFORNIA
1992 2.6 MILES (4.2 KM) NORTHWEST OF LAKE SKINNER
RESERVOIR, FROM THE INTERSECTION OF WASHINGTON ST
BRUMFIELD ST./FIELDS DR., 650 FEET (198.1 M) WEST AL
BRUMFIELD ST./FIELDS DR. 13 FEET (4.0 M) NORTH OF THE
CENTERLINE OF BRUMFIELD ST./FIELDS DR., 103 FEET (31.4
NORTHWEST OF POWER POLE NO. 216211 2 FEET (0.6 M)
EAST OF CARSONITE SURVEY MARKER, 2.5 FEET (0.8 M) E
EAST OF 10' X 10' CONCRETE FENCE POST, 10' X 10' CONCRETE
A FOUR INCH BRASS UNITED STATES GEOLOGICAL SURVEY
STANDARD CAP, STAMPED 1419 SEA AND SET ON TOP OF
FOUR INCH INCH PIPE 0.5 FEET (15.2 CM) BELOW SURFACE
ELEVATION=1419.951 FT DATE 3-11

	REVISIONS			
D				
(Y)				
T				
R.				
C				
	REF	DESCRIPTION	APPR	DATE

RIVERSIDE COUNTY FLOOD CONTROL
AND
WATER CONSERVATION DISTRICT

RECOMMENDED FOR APPROVAL BY:		APPROVED BY:	
<i>David Hunt</i>		<i>David ETK</i>	
DATE: 10/24/06		DATE: 11.13.2006	

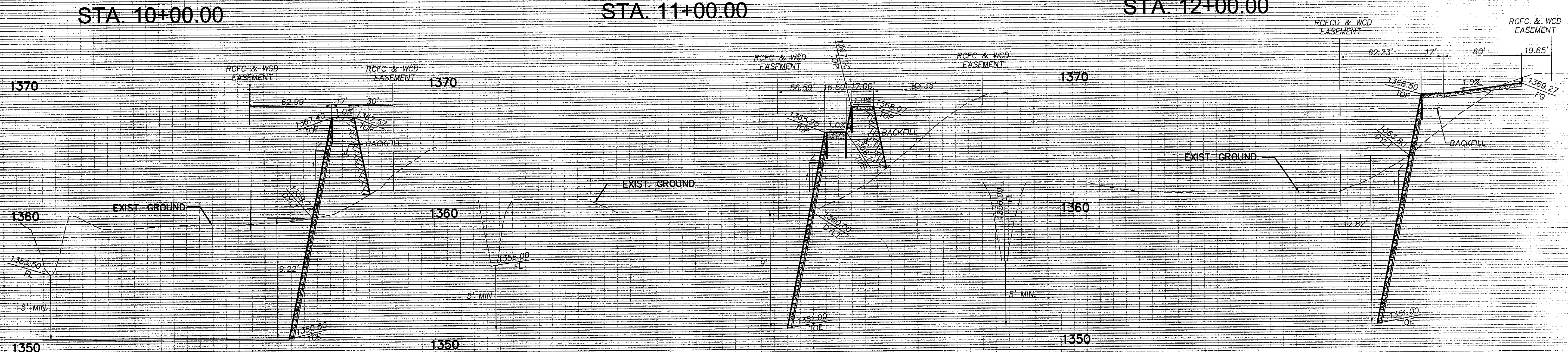
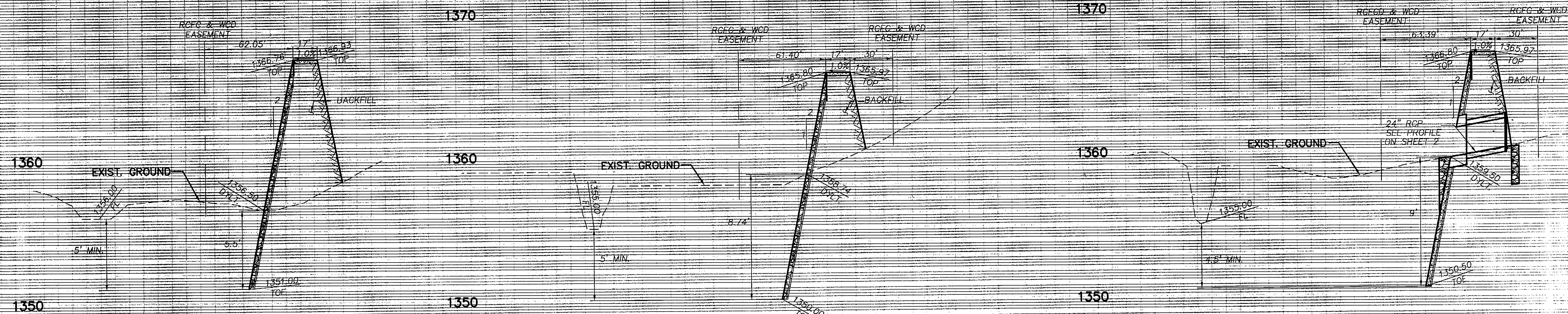
COUNTY OF RIVERSIDE

APPROVED BY: *[Signature]*
KHALED OTHMAN, P.E. 8/21/06
TRANSPORTATION DEPARTMENT
RIVERSIDE COUNTY, CALIF.
RECOMMENDED BY: *[Signature]*
WILLIAM DATE: 8/17/2006

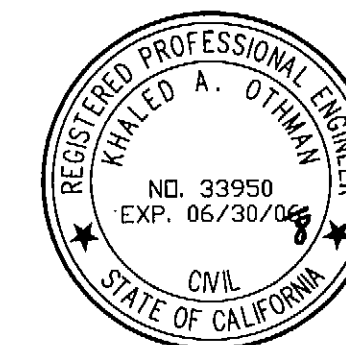
WARM SPRINGS VALLEY
FRENCH VALLEY CHANNEL
LEVEE
PLAN AND PROFILE
STA. 9+48.92 TO STA. 15+00.03

MDC
 IP NO. 030178
 PROJECT NO.
 7-0-00205
 DRAWING NO.
 7-487
 SHEET 2 OF 6

944-X



PROFILE SCALES
HORIZ.: 1" = 40'
VERT.: 1" = 4'



MDC
IP NO. 030178



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TEMECULA, CA 92590
(951) 695-3848 - FAX (951) 695-3849
JOSEPH L. CASTANEDA R.C.E. 59835
DATE 4/7/06

BENCHMARK LOCATION:
RECOVERY NOTE BY METRO WATER DIST. SO. CALIFORNIA
1992 2.6 MILES (4.2 KM) NORTHWEST OF LAKE SKINNER
RESERVOIR, FROM THE INTERSECTION OF WASHINGTON ST. AND
BRUMFIELD ST./FIELDS DR., 650 FEET (198.1 M) WEST ALONG
BRUMFIELD ST./FIELDS DR. 13 FEET (4.0 M) NORTH OF THE
CENTERLINE OF BRUMFIELD ST./FIELDS DR., 103 FEET (31.4 M)
NORTHWEST OF POWER POLE NO. 216211 2 FEET (0.6 M)
EAST OF CARSONITE SURVEY MARKER, 2.5 FEET (0.8 M) EAST
OF THE CORNER OF A WOOD FENCE POST WITH BARBED WIRE.
A FOUR INCH BRASS UNITED STATES GEOLOGICAL SURVEY
STANDARD CAP, STAMPED 1419-SEA AND SET ON TOP OF A
FOUR INCH IRON PIPE 0.5 FEET (15.2 CM) BELOW SURFACE.
ELEVATION=1419.951 FT DATE 3-1-02

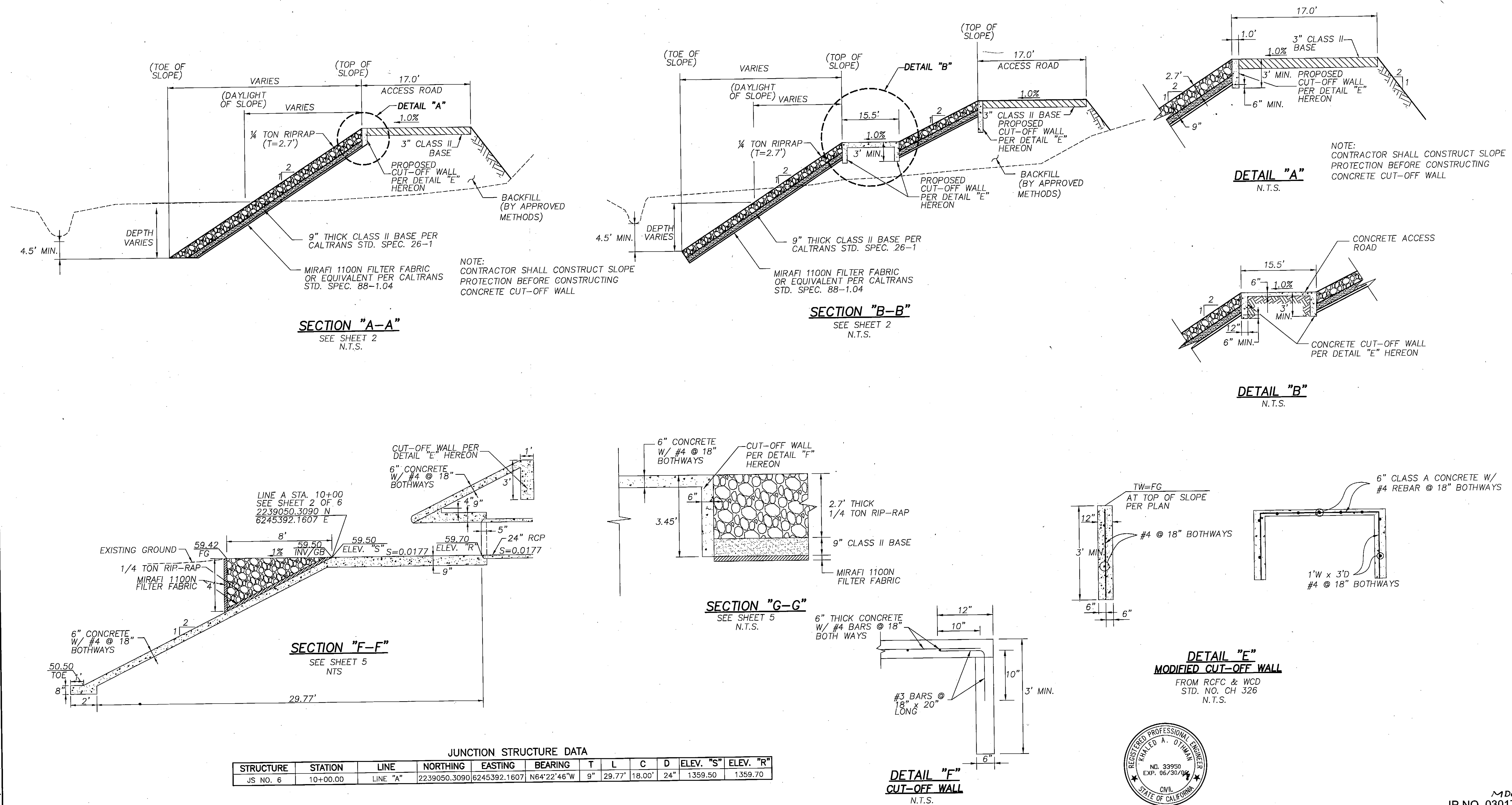
REVISIONS			
NO.	DESCRIPTION	DATE	BY

RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT
RECOMMENDED FOR APPROVAL BY: *[Signature]* DATE: 10/26/06
APPROVED BY: *[Signature]* DATE: 11-13-2006

COUNTY OF RIVERSIDE
APPROVED BY: *[Signature]* DATE: 9/12/06
TRANSPORTATION DEPARTMENT
RIVERSIDE COUNTY, CALIF.
RECOMMENDED BY: *[Signature]* DATE: 8/17/2006

WARM SPRINGS VALLEY TRACT NO. 29114 DIVERSION LEVEE PLAN LEVEE SECTIONS

PROJECT NO. 7-0-00205
DRAWING NO. 7-487
SHEET 3 OF 6
944-X



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JOSEPH L. CASTANEDA

NO. 59835

EXP. 12/31/07

CIVIL

STATE OF CALIFORNIA

AEI-CASC ENGINEERING

43391 BUSINESS PARK DRIVE, SUITE C4

TEMECULA, CA 92590

PH. (951) 695-3846 FAX (951) 695-3849

Joseph L. Castaneda 4/7/06 DATE

JOSEPH L. CASTANEDA R.C.E. 59835

BENCHMARK LOCATION:

RECOVERY NOTE BY METRO WATER DIST. SO. CALIFORNIA

1992 2.6 MILES (4.2 KM) NORTHWEST OF LAKE SKINNER RESERVOIR, FROM THE INTERSECTION OF WASHINGTON ST. AND BRUMFIELD ST./FIELDS DR., 650 FEET (198.1 M) WEST ALONG BRUMFIELD ST./FIELDS DR., 13 FEET (4.0 M) NORTH OF THE CENTERLINE OF BRUMFIELD ST./FIELDS DR., 103 FEET (31.4 M) NORTHWEST OF POWER POLE NO. 216211 2 FEET (0.6 M) EAST OF CARSONITE SURVEY MARKER, 2.5 FEET (0.8 M) EAST OF THE CORNER OF A WOOD FENCE POST WITH BARBED WIRE. A FOUR INCH BRASS UNITED STATES GEOLOGICAL SURVEY STANDARD CAP, STAMPED 1419 SEA AND SET ON TOP OF A FOUR INCH IRON PIPE 0.5 FEET (15.2 CM) BELOW SURFACE. ELEVATION=1419.951 FT

DATE 3-1-02

REVISIONS

REF.	DESCRIPTION	APPR.	DATE

RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

RECOMMENDED FOR APPROVAL BY: *Stuart E. P. K.W.*

APPROVED BY: *Stuart E. P. K.W.*

DATE: 10/24/06 DATE: 11-13-2006

COUNTY OF RIVERSIDE

APPROVED BY: *Khaled A. Othman* 8/21/06

KHALED OTHMAN, P.E.

TRANSPORTATION DEPARTMENT

RIVERSIDE COUNTY, CALIF.

RECOMMENDED BY: *WILDAN* DATE: 8/17/2006

WARM SPRINGS VALLEY FRENCH VALLEY CHANNEL

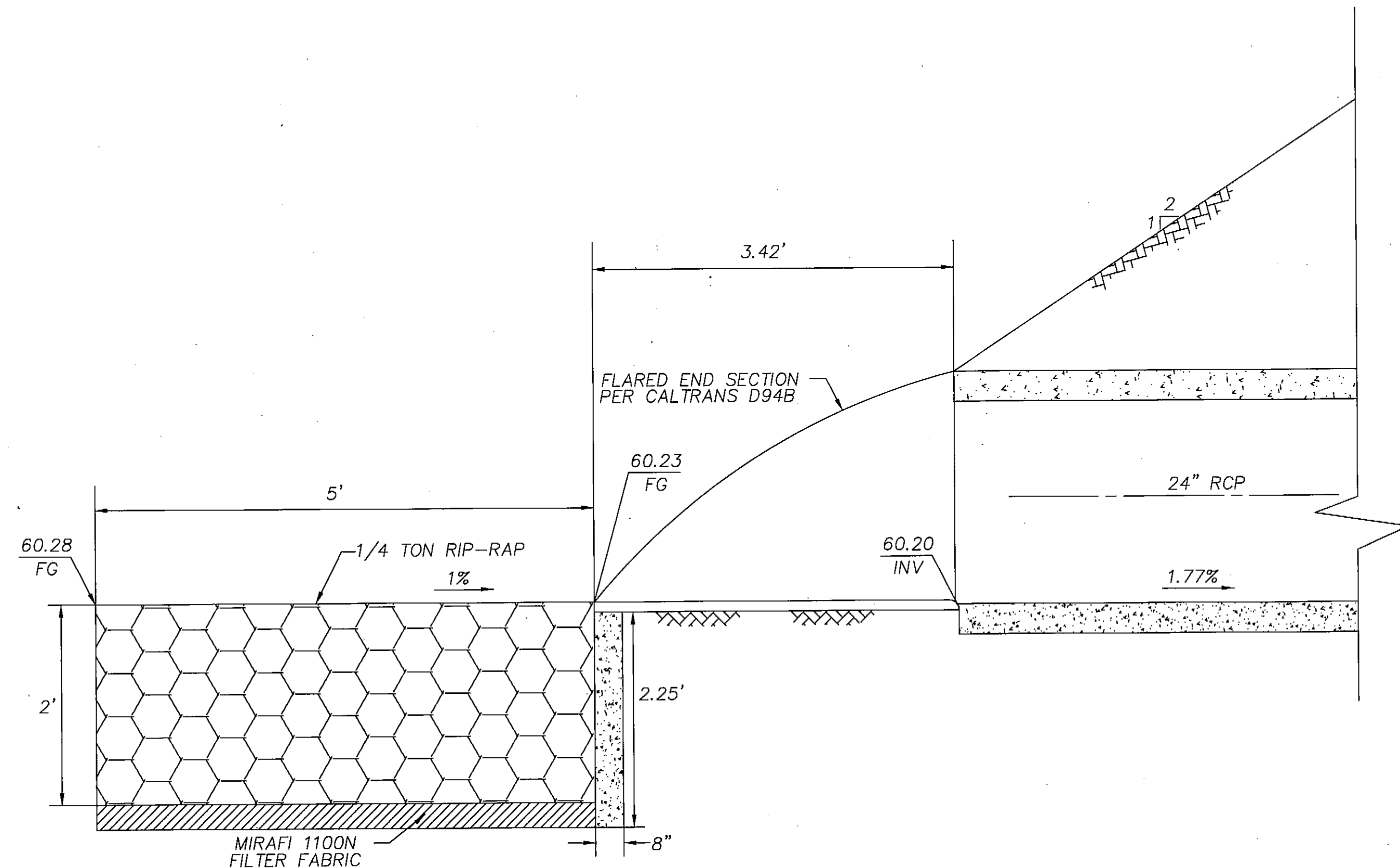
SECTIONS & DETAILS

PROJECT NO. 7-0-00205

DRAWING NO. 7-487

SHEET 4 OF 6

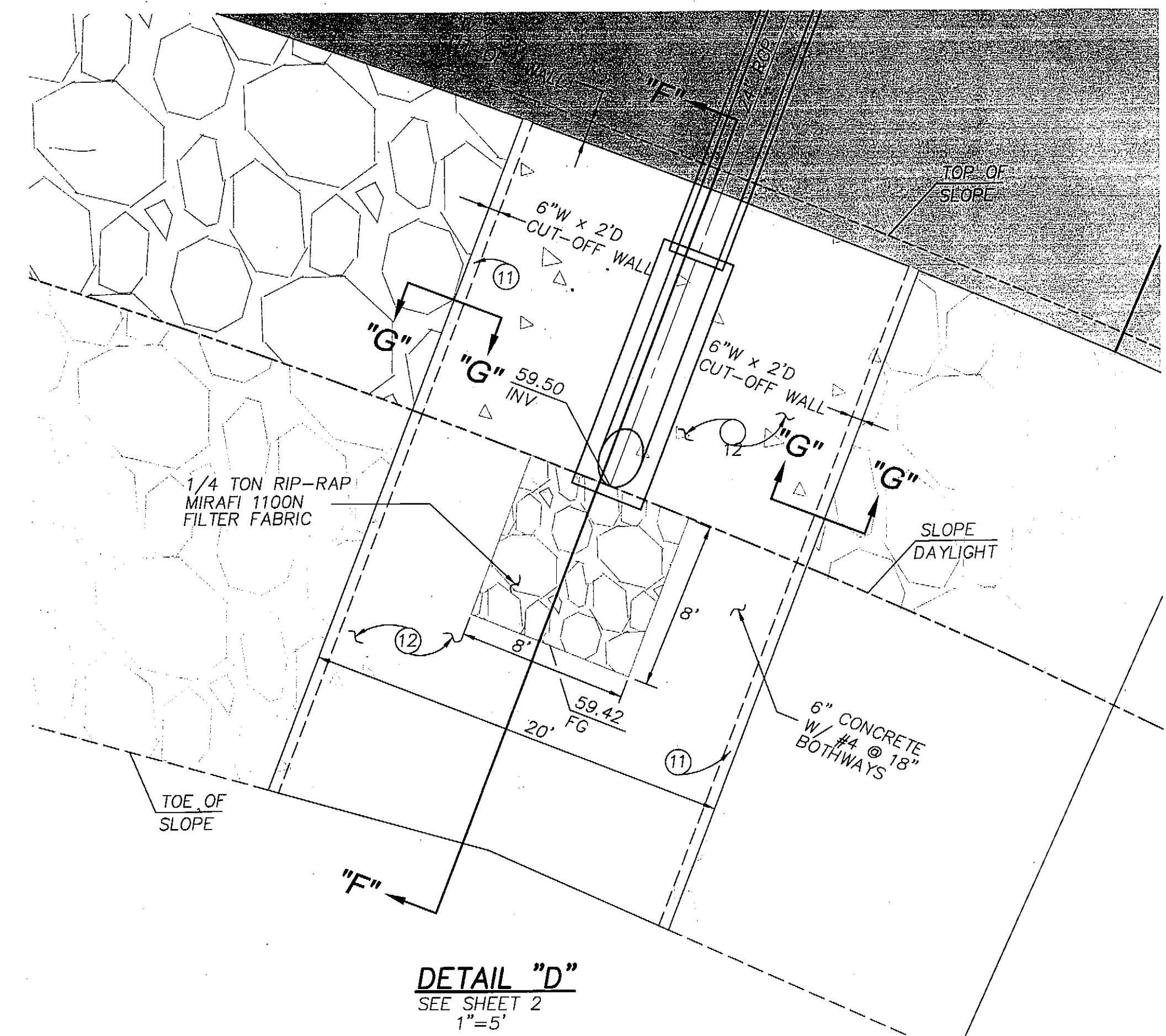
944-X



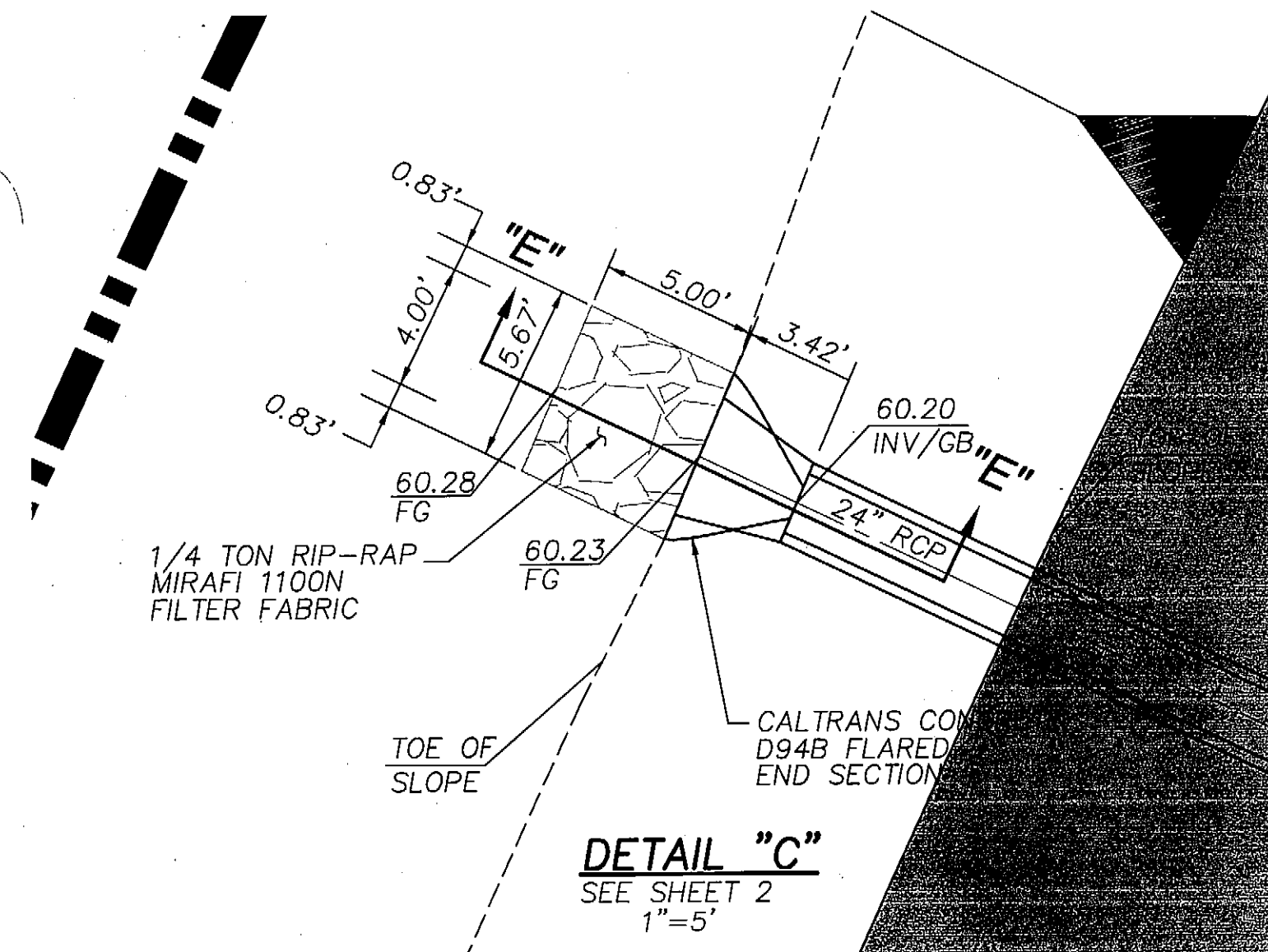
SECTION "E-E"
SEE HEREON
N.T.S.

CONSTRUCTION NOTES

- (1) CONSTRUCT 6" WIDE x 3.4' DEEP CUT-OFF WALL PER RCFC AND WCD STD. NO. CH 326
- (2) CONSTRUCT 6" THICK CLASS A CONCRETE W/#4 @ 18" BOTHWAYS



DETAIL "D"
SEE SHEET 2
1"=5'



DETAIL "C"
SEE SHEET 2
1"=5'



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JOSEPH L. CASTANEDA R.C.E. 59835
DATE 4/7/06

BENCHMARK LOCATION:
RECOVERY NOTE BY METRO WATER DIST. SO. CALIFORNIA
1992 2.6 MILES (4.2 KM) NORTHWEST OF LAKE SKINNER
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ELEVATION=1419.951 FT. DATE 3-1-02

REVISIONS		
REF.	DESCRIPTION	APPR. DATE

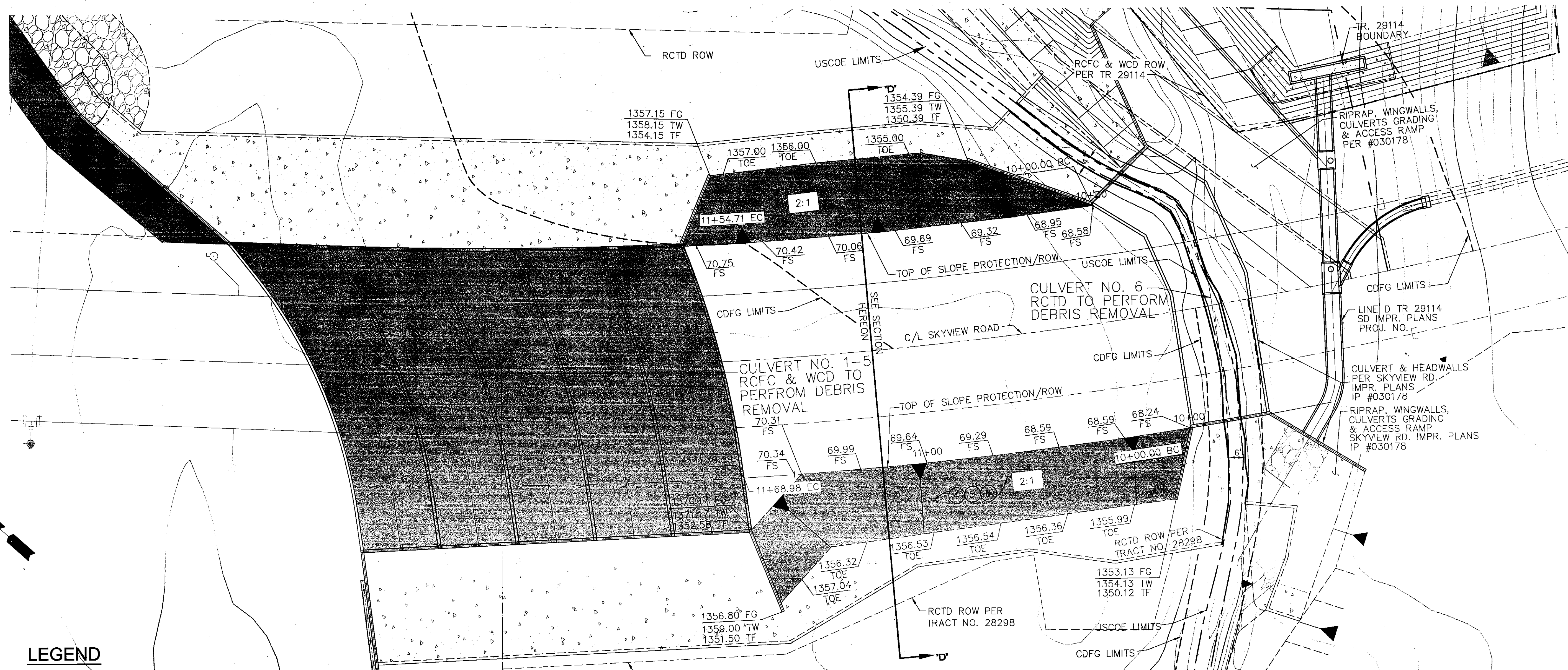
RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT
RECOMMENDED FOR APPROVAL BY: *[Signature]*
APPROVED BY: *[Signature]*
DATE: 10/24/06 DATE: 11-13-2006

COUNTY OF RIVERSIDE
APPROVED BY: *[Signature]*
KHALED OTHMAN, P.E.
TRANSPORTATION DEPARTMENT
RIVERSIDE COUNTY, CALIF.
RECOMMENDED BY: *[Signature]* DATE: 8/17/06

WARM SPRINGS VALLEY FRENCH VALLEY CHANNEL SECTIONS & DETAILS

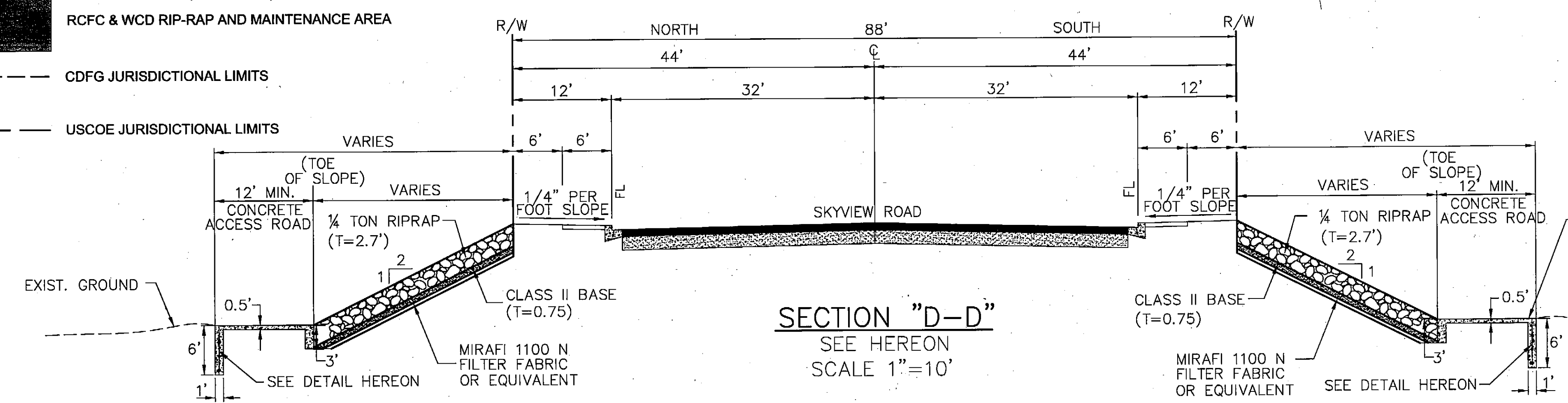
PROJECT NO. 7-0-00205
DRAWING NO. 7-487
SHEET 5 OF 6
MDC IP NO. 030178

944-X



LEGEND

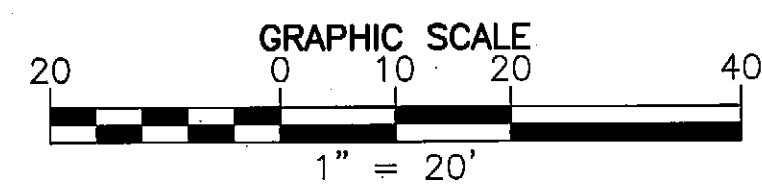
- RCFC & WCD RIP-RAP AND MAINTENANCE AREA
- CDFG JURISDICTIONAL LIMITS
- USCOE JURISDICTIONAL LIMITS



NOTE: RCTD TO STRUCTURALLY MAINTAIN SKYVIEW RD. CULVERT 1 THRU CULVERT 6, WINGWALLS, CONCRETE ACCESS ROADS, AND CONCRETE APRONS. RCFC & WCD TO MAINTAIN RIP-RAP SLOPE PROTECTION ALONG SKYVIEW RD., RCFC & WCD MAINTENANCE AREA SHOWN SHADED HEREON. RCFC & WCD TO PERFORM DEBRIS REMOVAL FOR CULVERTS 1-5 ONLY, SHADED HEREON. RCTD TO PERFORM DEBRIS REMOVAL FOR CULVERT 6.

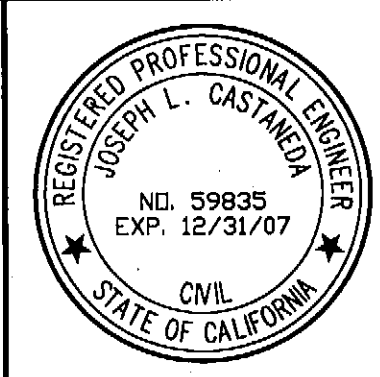
CONSTRUCTION NOTES

- CONSTRUCT 1/4 TON RIP-RAP METHOD B PLACEMENT PER CALTRANS STD. SPEC. 72-2. (T=SHOWN PER SECTION).
- INSTALL CLASS II BASE PER CALTRANS STD. SPEC. 26-1.02A (T=SHOWN PER SECTION).
- INSTALL MIRAFI 1100 N FILTER FABRIC OR EQUIVALENT PER CALTRANS STD SPEC. 88-1.04



IP NO. 030178

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JOSEPH L. CASTANEDA R.C.E. 59835
DATE 4/7/06

BENCHMARK LOCATION:
RECOVERY NOTE BY METRO WATER DIST. SO. CALIFORNIA
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REVISIONS			
NO.	DESCRIPTION	APPR.	DATE

RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT
RECOMMENDED FOR APPROVAL BY:
APPROVED BY:
DATE: 10/24/06 DATE: 11-13-2006

COUNTY OF RIVERSIDE
APPROVED BY:
KHALED OTHMAN, P.E.
TRANSPORTATION DEPARTMENT
RIVERSIDE COUNTY, CALIF.
RECOMMENDED BY:
DATE: 8/17/2006

WARM SPRINGS VALLEY FRENCH VALLEY CHANNEL
LEVEE
SECTIONS & DETAILS

PROJECT NO. 7-0-00205
DRAWING NO. 7-487
SHEET 6 OF 6

944-X

Drawing Name: Q:\32102-BARRATT\T-29114\Engineering\Skyview Storm Drain Culverts\32102-LEVEE_SHT06.dwg
Last Opened: Apr 10, 2006 - 10:24am by b.campbell