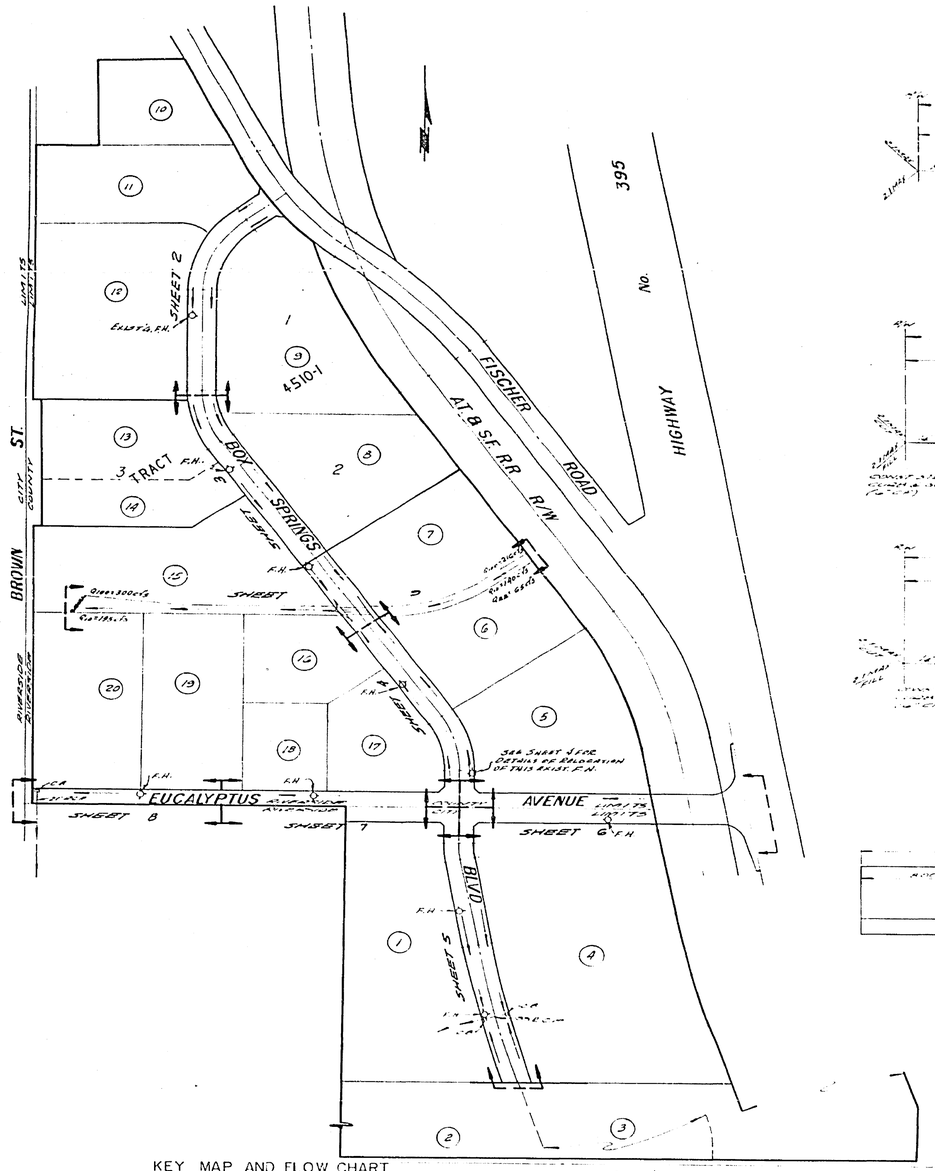
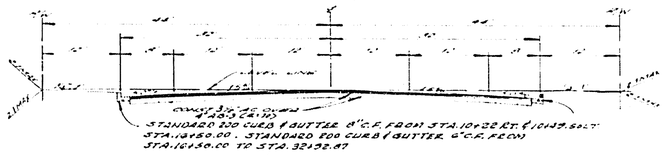
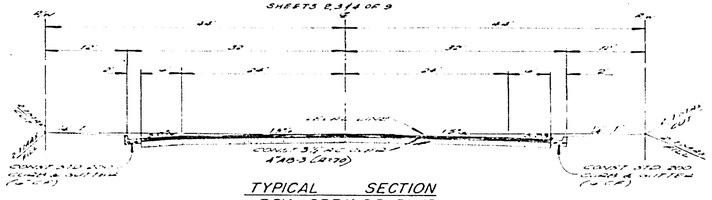
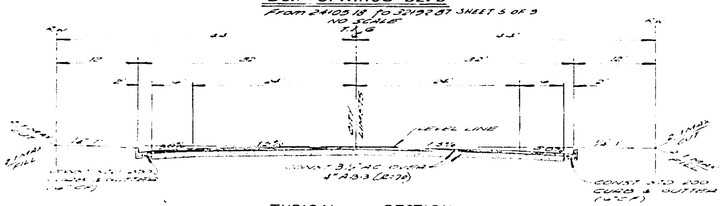




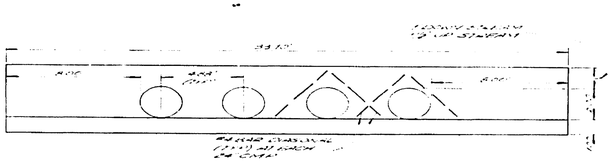
TYPICAL SECTION
BOX SPRINGS BLVD
From 8+05.22 to 24+05.18
NO SCALE
SHEETS 2, 3 & 4 OF 9



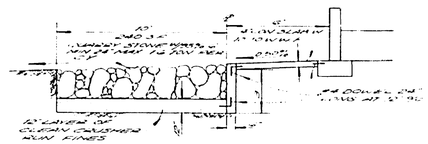
TYPICAL SECTION
BOX SPRINGS BLVD
From 24+05.18 to 32+92.97 SHEET 5 OF 9
NO SCALE



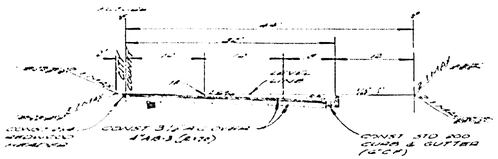
TYPICAL SECTION
EUCALYPTUS AVENUE
From 11+01.92 to 10+04.49
NO SCALE



EAST AND WEST HEADWALLS



DOWN STREAM APRON



TYPICAL SECTION
EUCALYPTUS AVENUE
From 10+10.49 to 11+91.01
NO SCALE

GENERAL NOTES

1. THERE MAY BE SOME AREAS IN THE STRUCTURE WHERE THE SOILS ENGINEER DETERMINES HIS RECOMMENDED SOIL STRUCTURAL VALUE CANNOT BE OBTAINED UNLESS REMOVAL AND RECOMPACTION IN ACCORDANCE WITH COUNTY STD. NO. 401.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONSTRUCTION OF ALL IMPROVEMENTS AND APPURTENANCES AS SHOWN ON THE APPROVED WORK AREAS AND ALLOCATIONS AND COST OF ALL UTILITY AND DRAINAGE FACILITIES INSTALLED WITHIN EXISTING COUNTY RIGHT OF WAY OR INSTALLED BY COUNTY FRANCHISED UTILITY COMPANIES SHALL BE PAID FOR BY THE CONTRACTOR AS PART OF THE CONSTRUCTION. NO SEPARATE OR ADDITIONAL COMPENSATION SHALL BE ALLOWED OR PAID FOR SUCH WORK OR MATERIALS.
3. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE ELEVATIONS, DETAILS, AND PLACE COURSE FOR THE STORM DRAIN SHOWN HEREON, TO INSTALL ALL PIPE AND CONSTRUCT ALL MONUMENTS REQUIRED BY THE IMPROVING ENGINEER. NO PIPE SHALL BE LAID AND NO CONCRETE OR PAVING IN THE STREET SHALL BE INSTALLED UNTIL SUCH TIME AS MONUMENTS HAVE BEEN PLACED.
4. CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE COUNTY STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1973 EDITION, AND PER CITY OF RIVERSIDE STANDARDS (WHERE APPLICABLE).
5. ALL ELEVATIONS SHOWN ARE IN FEET AND DECIMALS THEREOF AND REFERRED TO MEAN SEA LEVEL DATUM.
6. ALL ELEVATIONS SHALL BE STAKED BY THE ENGINEER.
7. THE CONTRACTOR SHALL ARRANGE FOR A PRE-CONSTRUCTION CONFERENCE WITH REPRESENTATIVES OF THE COUNTY'S ROAD DEPARTMENT PRIOR TO BEGINNING WORK IN THE RIGHT-OF-WAY. ALL WORK SHALL BE CONFORMED TO THE CURRENT RIVERSIDE COUNTY STANDARDS AND SPECIFICATIONS.
8. TRAFFIC CONTROL DEVICES SHALL BE IN PLACE AS NEEDED TO INDICATE HAZARDS TO TRAFFIC.
9. GRADE AND LINE STAKES SHALL BE PROVIDED AS NEEDED BY THE CONTRACTOR.
10. THE CONTRACTOR SHALL NOTIFY GENERAL TELEPHONE COMPANY AT LEAST 72 HOURS BEFORE COMMENCING ANY WORK IN THE VICINITY OF EXISTING UNDERGROUND TELEPHONE CABLES. CALL 1-213-357-2257 COLLECT.
11. ALL UNDERGROUND FACILITIES WITH LATERALS, SHALL BE IN PLACE PRIOR TO PAVING THE STREETS, INCLUDING BUT NOT LIMITED TO THE FOLLOWING: SEWER, WATER, GAS, ELECTRIC, TELEPHONE AND CABLE.
12. ATTENTION IS DIRECTED TO THE FACT THAT THE RESPONSIBILITY FOR THE CONSTRUCTION OF THE PUBLIC IMPROVEMENTS AS SHOWN ON THESE PLANS (EXCEPT THOSE PUBLIC IMPROVEMENTS WHICH ARE TO BE ACCEPTED FOR PERPETUAL MAINTENANCE BY THE CITY OF RIVERSIDE OR RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT) AND THE OBTAINING OF ALL REGULATORY PERMITS REQUIRED FOR THE CONSTRUCTION OF THE PUBLIC IMPROVEMENTS AS SHOWN ON THESE PLANS (EXCEPT THOSE PERMITS WHICH ARE TO BE OBTAINED BY THE CITY OF RIVERSIDE OR RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT) IS VESTED IN THE SUBDIVIDER AND/OR HIS AGENTS. NO GRADING PERMIT OR ENCROACHMENT PERMIT FOR WORK WITHIN THE CITY OF RIVERSIDE OR RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT RIGHT-OF-WAY SHALL BE ISSUED UNTIL ALL REQUIRED PUBLIC IMPROVEMENT PLANS HAVE BEEN APPROVED BY THE CITY ENGINEER OR THE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT, AS APPROPRIATE. IT IS UNDERSTOOD THAT THE ISSUANCE OF A GRADING PERMIT OR AN ENCROACHMENT PERMIT DOES NOT IMPLY THAT THE IMPROVEMENT PLANS WILL BE APPROVED UNTIL THE CITY ENGINEER OR THE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT, AS APPROPRIATE, IS SATISFIED THAT THE PLANS CONFORM TO THE CITY'S OR THE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT'S REQUIREMENTS.
13. CONTRACTOR WILL INSTALL STREET NAME SIGNS, CONFORMING TO COUNTY STANDARD NO. 816 OR 1616, AS DIRECTED.

(1) DENOTES ASSESSMENT PARCEL NUMBER

APPROVAL
COUNTY OF RIVERSIDE
DEPARTMENT OF FIRE PROTECTION
BY Wm Trowbridge
TITLE FIRE CAPT.
DATE 10/25/73

C 3
APPROVED BY
EASTERN MUNICIPAL WATER DISTRICT
DATE 8-13-73

APPROVED BY
DIRECTOR OF TRANSPORTATION DEPARTMENT
CHIEF ENGINEER
DATE 2-11-74

APPROVED BY
WESTERN MUNICIPAL WATER DISTRICT
CHIEF ENGINEER
DATE July 18, 1973

REVISIONS:

APPROVED BY:
REGISTERED CIVIL ENGINEER NO. 9276
DATE: 10-2-73

APPROVED BY:
RIVERSIDE COUNTY, CALIF.
FOR ROAD COMMISSIONER
DATE:

ALBERT A. WEBB ASSOCIATES
CIVIL ENGINEERS
RIVERSIDE, CALIFORNIA

SCALE: As Noted
DATE Jan. 1973

BENCH MARK: ITEM 1 (53810)
USC&GS 1929 NVD
CITY OF RIVERSIDE BRASS CAP IN CURB AT SW CORNER OF BIRCH ST. & MAGNOLIA AVE.
ELEV. 859.65 (1929 DATUM)
County - 600-44-68

COUNTY OF RIVERSIDE
INDEX
BOX SPRINGS ASSESSMENT DISTRICT NO. 137
W.O. 17383 | FOR: | F.B. 1020, 1026

D-3582
SHEET 1 OF 9 SHEETS
FILE NO. 72-383-A

R-1737

NOTE:
TRANS. CURB RAILS TO MEET EXIST. TOP OF RAIL (SIMILAR TO EXIST) SEE DETAIL ON SHEET WITH GRADE SHEETS

NOTE:
B.C.R. GRADES ARE FROM CO. DIV. PLAN 612-1

SEE NOTE ABOVE

(Existing) Top Curb Grade 32' Lt.

(Existing) Top Curb Grade 32' Rt.

(Existing) ℄ Grade

Existing Ground @ ℄

Gutter Flowline

Gutter Flowline

FISCHER ROAD

Const. Cross Gutter Std. Nos 209 & 210

Light Std. by S.C.E.

EXISTING TYPICAL SECTION BOX SPRINGS BLVD.
NO SCALE

Curb Type 'A' Std No 200

Curb Type 'H' Std No 200

Const. Driveway Approaches (3) per Riv. Co. Std No 207 Typ. Section to be type plane. Const. by S.C.E.

Existing Curb Type "A" Std No 200

42" ϕ Transformer Box by S.C.E. Excavation & 6" gravel base by Contractor

4 ϕ 6" Elect. trench 5' Deep by Contractor

2" PVC Sched. 80 w/pullrope by Contractor (Const.) ±180

Splice Box by S.C.E.

BOX SPRINGS BLVD.

Ex. U.G. Elect.

Ex. Water

Ex. Tele. U.G.

12" CMLC water line (prop.) (CF&HXD)

Ex. So. Calif. Edison Buried Conduit 1-3" Primary Line

Pull Box by S.C.E.

Buried Switch End.

Light Std. by S.C.E.

4 ϕ 6" Elect. trench 5' Deep by Contractor

FIRST DRIVEWAY APPROACH LEFT (TYP.) PER RIV. CO. STD NO. 207 - TYP (WIDTH INDICATED)

9"x55'-16" C.M.L.C. MATCH LINE SHEET 3

Ex. So. Calif. Edison Buried Conduit 1-3" Primary Line

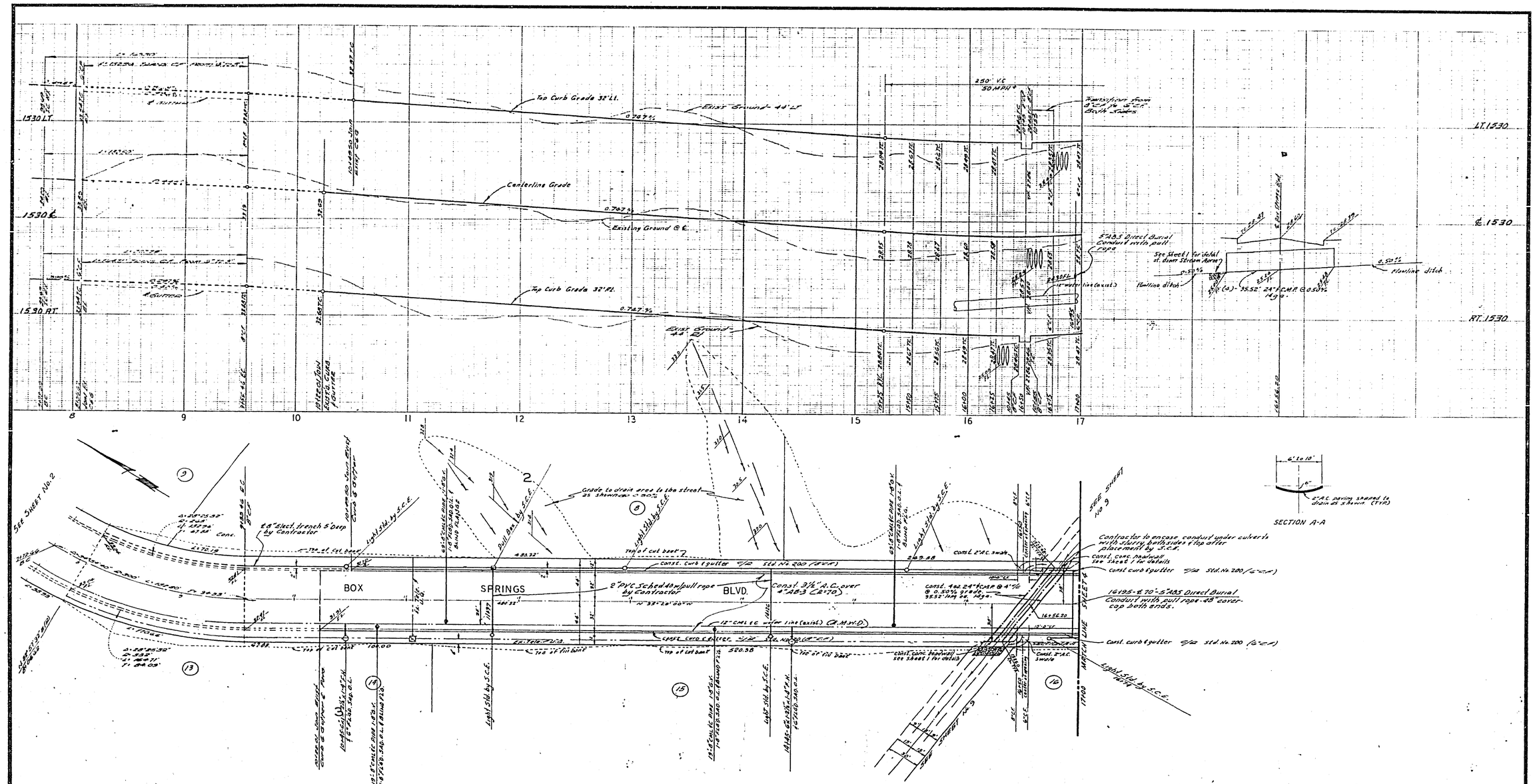
NOTE
Existing Underground Tele. & Elect. 44" Ditch along West Side of Box Springs from Fischer Rd. to Eucalyptus Ave.

THIS SHEET FOR STREET LIGHT TRENCHING ONLY

D-3583

REVISIONS:	APPROVED BY: Samuel N. Webb, REGISTERED CIVIL ENGINEER NO. 3876 DATE: 10-3-73	ALBERT A. WEBB ASSOCIATES CIVIL ENGINEERS RIVERSIDE CALIFORNIA	COUNTY OF RIVERSIDE BOX SPRINGS BLVD.	2 OF 9 SHEETS
	APPROVED BY: RIVERSIDE COUNTY, CALIF. FOR ROAD COMMISSIONER DATE:	SCALE: 1"=40' Horiz. 1"=4' Vert. DATE Jan. 1973 BENCH MARK: Elev. 1538.160 42.61 Lt. & 5.65 Ahd. from C&G Int. Alum. cap in C&G stamped "RS 6" Fischer Road, brass disk on 6"x6" conc. mon.	BOX SPRINGS ASSESSMENT DISTRICT NO. 137 W.O. 72-303 FOR: Eagle Properties Corp. F.B. 1020-1026	FILE NO. 72-303-A

R-1737



APPROVALS

DESIGN | CONSTRUCTION | OPERATIONS

SUBMITTED

APPROVED BY

EASTERN MUNICIPAL WATER DISTRICT

DATE 5-13-73

REVISIONS:

APPROVED BY: S. L. N. Wells

REGISTERED CIVIL ENGINEER NO. 9826

DATE: 10-3-73

APPROVED BY:

RIVERSIDE COUNTY, CALIF. FOR ROAD COMMISSIONER

DATE:

ALBERT A. WEBB ASSOCIATES
CIVIL ENGINEERS
RIVERSIDE CALIFORNIA

SCALE: 1"=40' Horiz. 1"=4' Vert.

DATE Jan. 1973

BENCH MARK: Elev. 1538.60 U.S.G.S. B.S. #8395 P.C.M. Cap Ind. Alt. 1538 Top NO.2 E.F. RSE 6 Fletcher Mesa, bronze disk on 6"x6" Conc. mon. County "200-18-68"

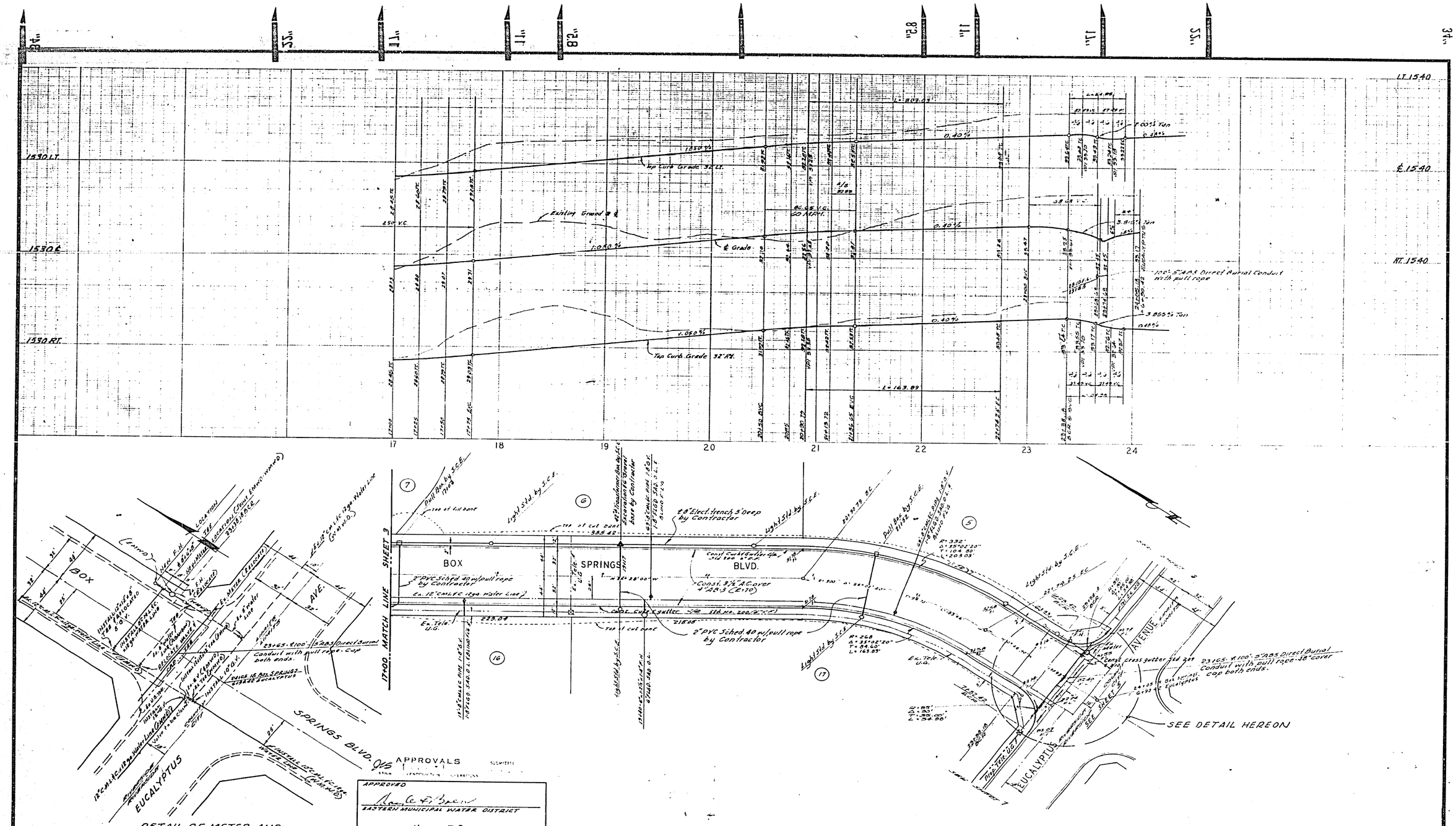
COUNTY OF RIVERSIDE
BOX SPRINGS BLVD.
BOX SPRINGS ASSESSMENT DISTRICT NO. 137

W.O. 72399 | FOR: | F.B. 1020 & Trans

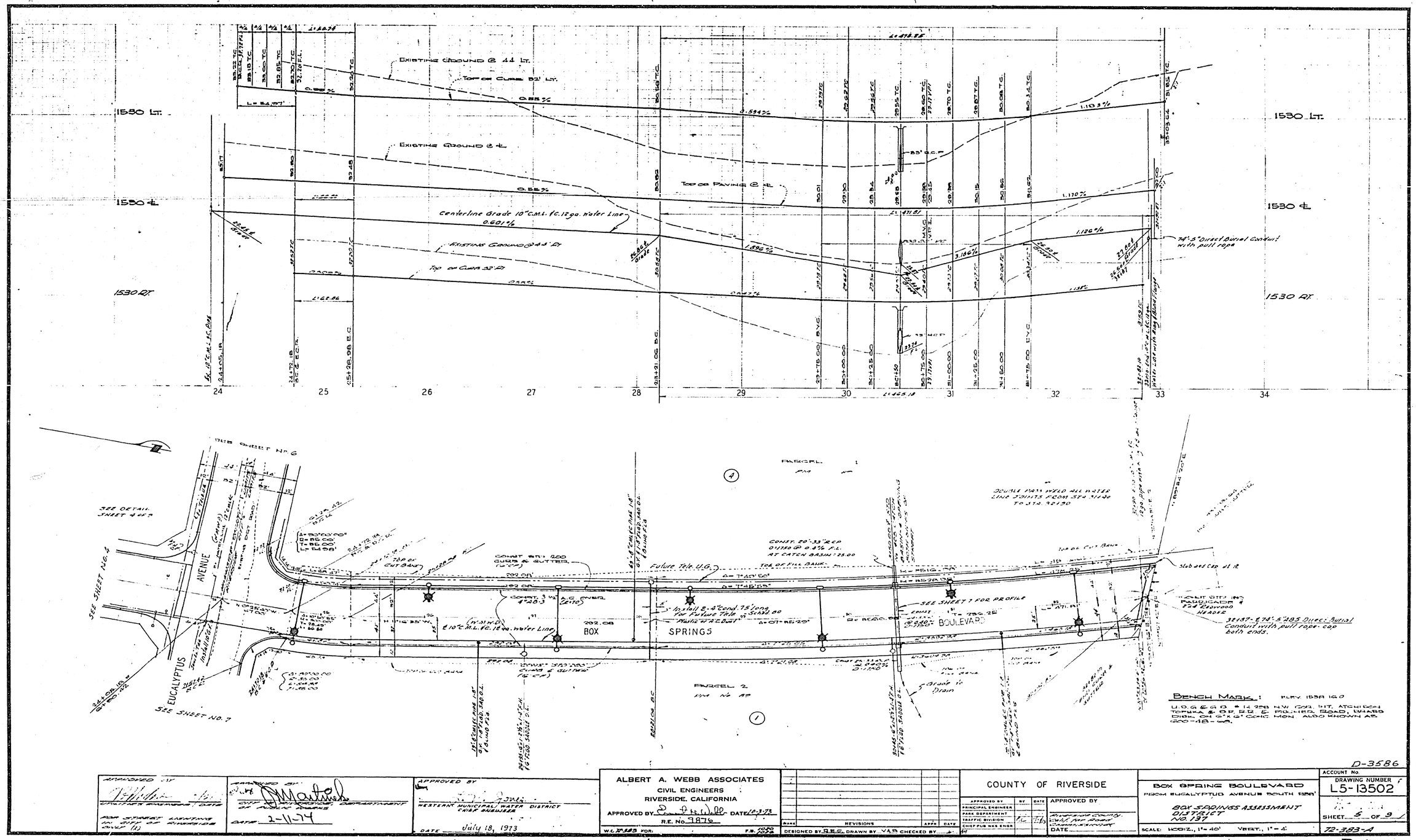
3 OF [illegible] SHEETS

D-35584

R-1737



LT 1540
℄ 1540
RT. 1540
1530 LT.
1530 ℄
1530 RT.
Top Curb Grade 32' Lt.
Existing Ground @ ℄
℄ Grade
Top Curb Grade 32' Rt.
100' 5" ABS Direct Burial Conduit with pull rope
17
18
19
20
21
22
23
24
BOX
SPRINGS
BLVD.
SHEET 3
17+00 MATCH LINE
2" PVC Sched 40 w/pull rope by Contractor
Const. 3½" A.C. over 4" AB-3 (R=70)
Light Std. by S.C.E.
Pull Box by S.C.E.
Ex. Tele. U.G.
AVENUE
EUCALYPTUS
SEE DETAIL HEREON
SPRINGS BLVD.
EUCALYPTUS
DETAIL OF METER AND FIRE HYDRANT RELOCATION
APPROVALS
APPROVED
EASTERN MUNICIPAL WATER DISTRICT
DATE 8-12-73
APPROVED BY
WESTERN MUNICIPAL WATER DISTRICT
DATE July 18, 1973
REVISIONS:
APPROVED BY:
DATE: 10-3-73
REGISTERED CIVIL ENGINEER NO. 9876
APPROVED BY:
DATE:
RIVERSIDE COUNTY, CALIF. FOR ROAD COMMISSIONER
ALBERT A. WEBB ASSOCIATES
CIVIL ENGINEERS
RIVERSIDE, CALIFORNIA
SCALE: 1" = 40' Horiz. 1" = 4' Vert.
DATE Jan. 1973
BENCH MARK: Elev. 1538.160
COUNTY OF RIVERSIDE
BOX SPRINGS BLVD.
BOX SPRINGS ASSESSMENT DISTRICT NO. 137
W.O. 72-383
FOR:
F.B. 1020 E. max.
D-3585
4
OF 9 SHEETS
FILE NO.- 72-383-A



APPROVED BY
DIRECTOR OF PUBLIC WORKS / DATE
FOR STREET LIGHTING IN CITY OF RIVERSIDE ONLY (1)

APPROVED BY
CITY ENGINEER, DEPARTMENT OF PUBLIC WORKS
DATE 2-11-74

APPROVED BY
WESTERN MUNICIPAL WATER DISTRICT
CHIEF ENGINEER
DATE July 18, 1973

ALBERT A. WEBB ASSOCIATES
CIVIL ENGINEERS
RIVERSIDE, CALIFORNIA
APPROVED BY [illegible] DATE 10-3-73
R.E. No 9876
W.O. 7585 FOR: 1020 F.B. 1054

REVISIONS | BY | APPR | DATE
DESIGNED BY R.E.C. DRAWN BY V.A.B. CHECKED BY

COUNTY OF RIVERSIDE

APPROVED BY	BY	DATE
PRINCIPAL ENGINEER		
PARK DEPARTMENT		
TRAFFIC DIVISION		
CHIEF PUB WKS ENGR		

APPROVED BY
[illegible]
COUNTY SURVEYOR
DATE

BOX SPRINGS BOULEVARD
FROM EUCALYPTUS AVENUE SOUTH 526'

BOX SPRINGS ASSESSMENT DISTRICT NO. 137

SCALE: HOR'Z., 1" = 40' VERT., 1" = 4'

ACCOUNT NO.
DRAWING NUMBER L5-13502
SHEET 5 OF 9
72-383-A

D-3586

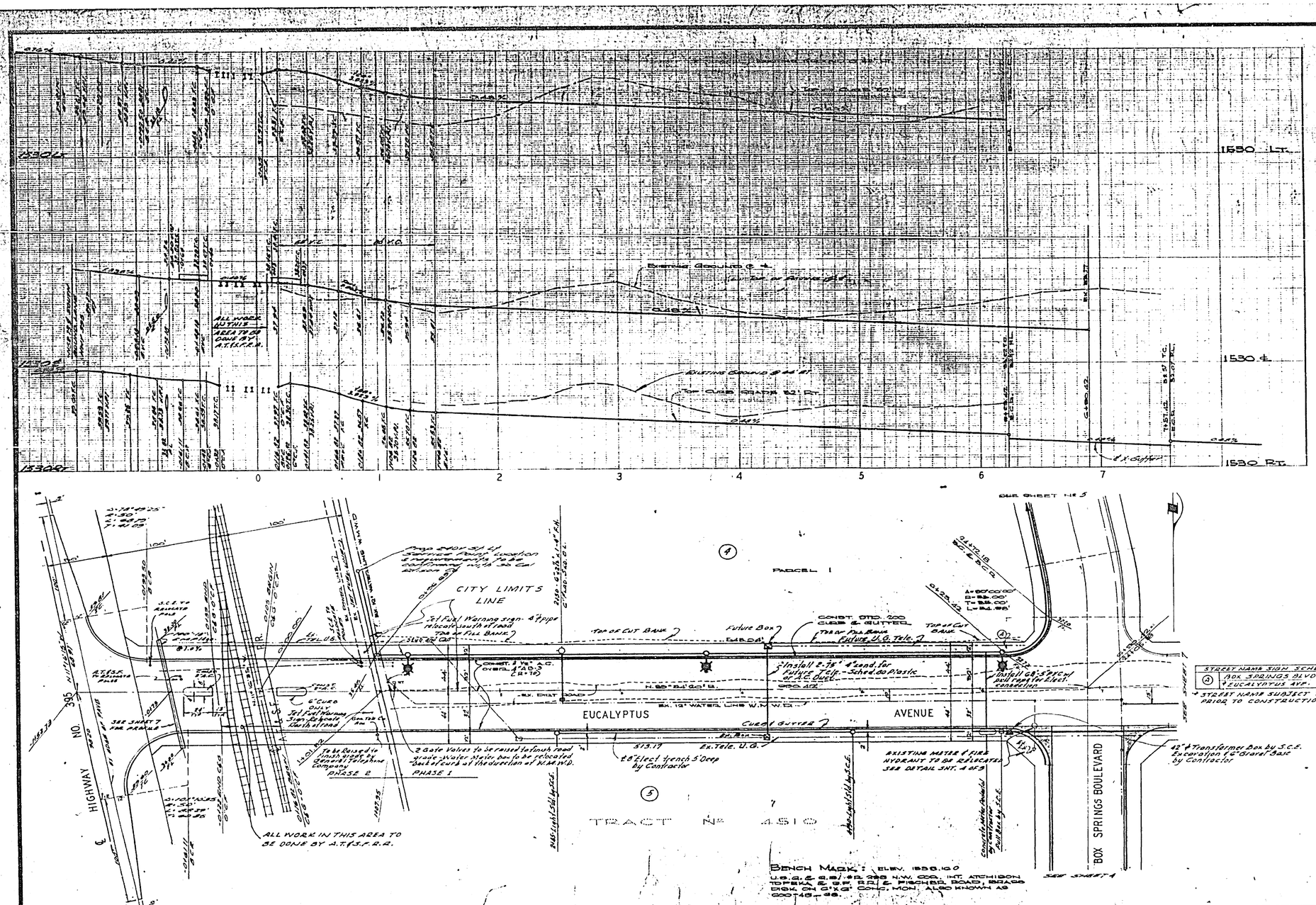
R-1737

CITY OF RIVERSIDE
STREET LIGHT GENERAL CONSTRUCTION NOTES

1. Install all street light facilities as shown in accordance with the plans, standard plans and the latest revisions of the City of Riverside Public Utilities Department Street Light Specification No. 118.
2. Contact Public Utilities Street Light Inspector, Phone No. 787-7429, for required inspections.
3. Excavation for electrolier foundations, pullboxes and conduits must be done after installation of curbs, sidewalks, but before construction of pavements. Trench location shall be approved by the engineer prior to excavation.
4. All conduit runs shall be capped to the entire satisfaction of the Inspector.
5. Install a watertight "in line" type splice in both branch conductors in the base of each street light standard. Splice shall be "Scotchcast" No. 82-B3 for copper wire with a "Scotchcast" Splice Kit No. 82-B1 for 600 volt wire or approved equal.
6. All service points to be connected by Southern Cal. Edison Co.
7. 240V service point to be determined.

CITY OF RIVERSIDE
STREET LIGHT STRUCTURE SCHEDULE

General Information Symbol	Description	Size	No. Req'd	Standard Plans Plan No.	Item No.
	Concrete Electrolier Standard	26'9"	11	UGS 800	S3
	Horizontal Luminaire	400 W	11	"	L3
	Color Corrected Lamp	400 W	11	"	LA5
	Photo Control	1000W/240V	11	"	PC2
	Concrete Pullbox	10"X17"	5	UGS 800	P1
	1" Rigid Steel Conduit With 2-#8 Cu. 600V Cables unless Noted Otherwise	1"	As Required		



Approved as to form:	Approved by	Approved by	Approved by	Approved by
City Attorney	Western Municipal Water District	Utilities Engineer / Date	Albert A. Webb Associates, Civil Engineers, Riverside, California	County of Riverside
Date 2-11-74	Date July 26, 1973	For Street Lighting in City of Riverside only	R.E. No. 9876	Principal Engineer / Park Department / Traffic Division / Chief Pub. Wks. Engr.
			W.D. 7 of 9 for ...	Designed by R.E.C. Drawn by M.D. Checked by L.L.

Eucalyptus Avenue from A.T.&S.F.R.R. to Box Springs Boulevard
Box Springs Assessment District No. 137

Scale: Horiz., 1"=40' Vert., 1"=2'

Account No.	Drawing Number	Sheet	
	L5-13502	6	of 9
	72-383-A		

D-3587

R-1737

APPROVED BY: C.B. Wilson 10/2/73 — UTILITIES ENGINEER, DATE	FOR STREET LIGHTING IN CITY OF RIVERSIDE ONLY
APPROVED BY: [signature] — CITY OF RIVERSIDE, DEPT. OF PUBLIC WORKS	DATE 2-11-74
APPROVED BY: [signature] — EASTERN MUNICIPAL WATER DISTRICT	DATE 8-13-73

REVISIONS:

APPROVED BY: [signature] — REGISTERED CIVIL ENGINEER NO. 8970 — DATE: 10-3-73

APPROVED BY: — RIVERSIDE COUNTY, CALIF. FOR ROAD COMMISSIONER — DATE:

ALBERT A. WEBB ASSOCIATES
CIVIL ENGINEERS
RIVERSIDE, CALIFORNIA

SCALE: HORIZ. 1"=40' VERT. 1"=4'

DATE Jan. 1973

BENCH MARK: Elev. 1538.12 USG & GS #R298 NW cor. of Atchison, Topeka & S.F. RR & Fischer Rd., Brass disk on 6"x6" conc. mon. Also known as 600-48-68

COUNTY OF RIVERSIDE

EUCALYPTUS AVENUE

BOX SPRINGS ASSESSMENT DISTRICT NO. 137

W.O. 72-383 FOR: F.B. 1020 & 1026

D-3588

LS-13502

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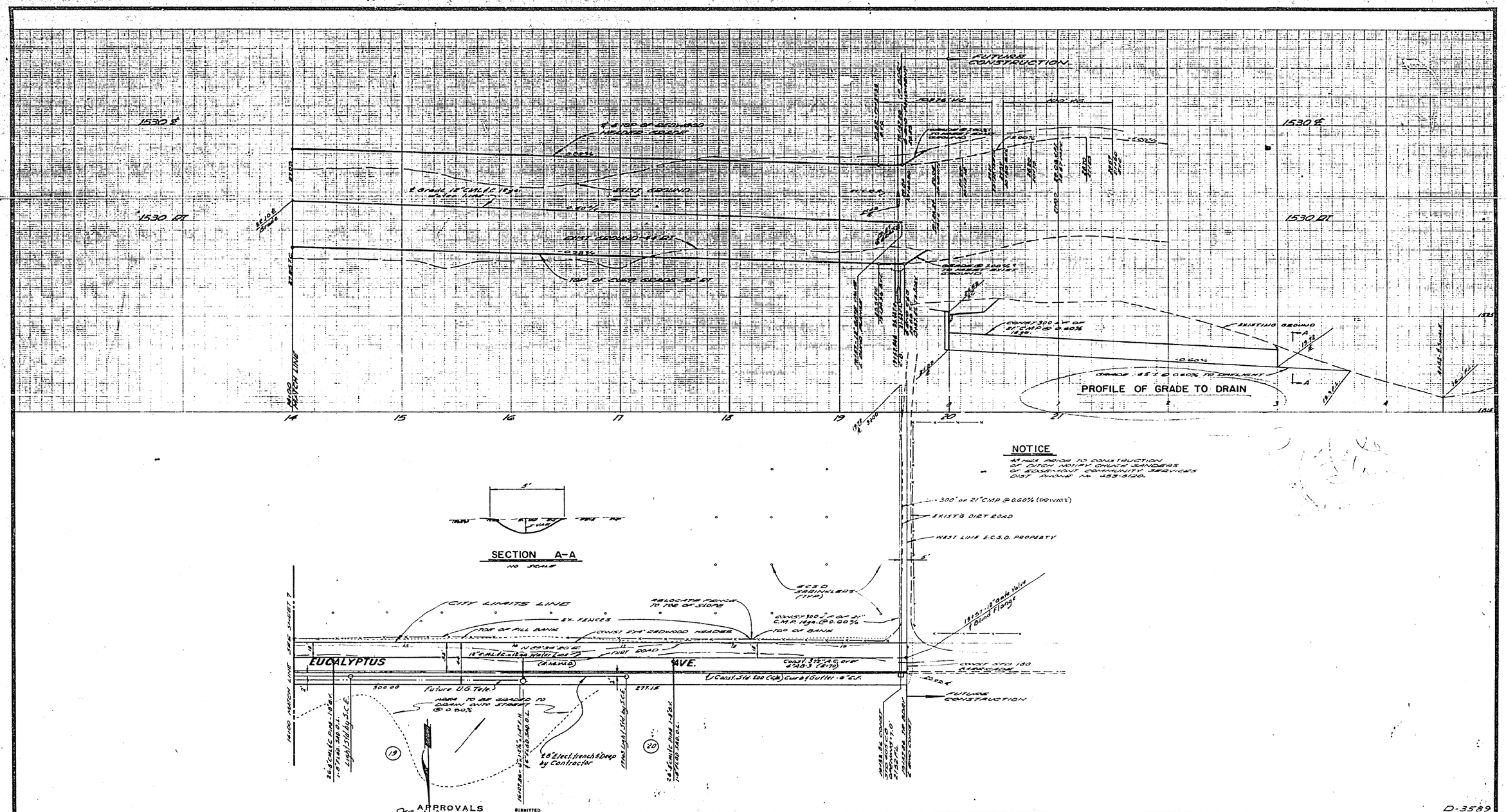
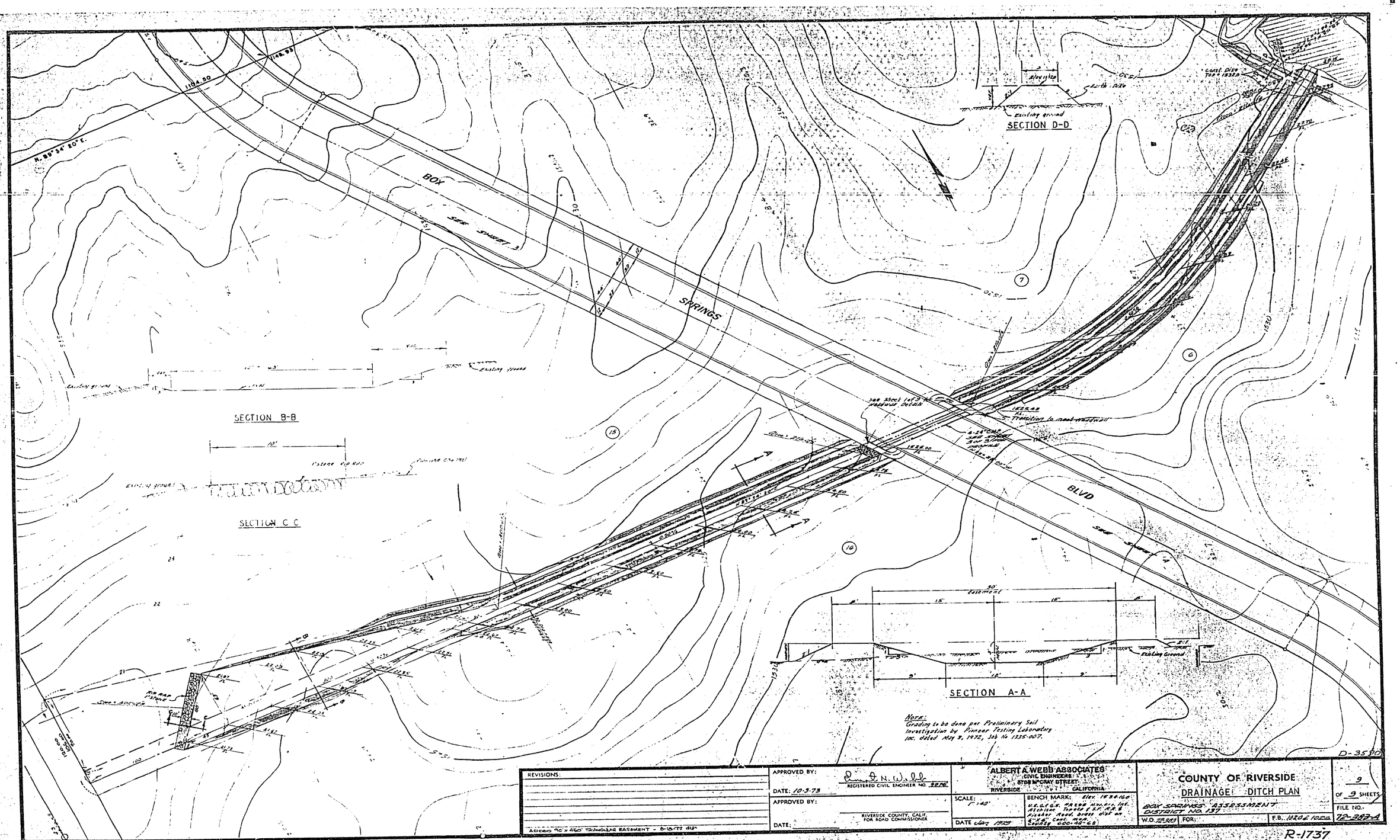
FILE NO. 72-383-A

R-1737



FUTURE CONSTRUCTION
1530 ℄
1530 RT
EXIST GROUND
TOP OF CURB GRADE
EXISTING GROUND
PROFILE OF GRADE TO DRAIN
14
15
16
17
18
19
20
21
NOTICE
SECTION A-A
NO SCALE
300' OF 21" CMP @ 0.60% (PRIVATE)
EXIST'G DIRT ROAD
WEST LINE E.C.S.D. PROPERTY
CITY LIMITS LINE
EX. FENCES
TOP OF FILL BANK
TOP OF BANK
EUCALYPTUS AVE.
Future U.G. Tele.
FUTURE CONSTRUCTION
APPROVALS
DESIGN
CONSTRUCTION
OPERATIONS
SUBMITTED
APPROVED BY
EASTERN MUNICIPAL WATER DISTRICT
DATE 8-13-73
REVISIONS:
APPROVED BY:
DATE: 10-3-73
REGISTERED CIVIL ENGINEER NO. 9818
APPROVED BY:
RIVERSIDE COUNTY, CALIF. FOR ROAD COMMISSIONER
DATE:
ALBERT A. WEBB ASSOCIATES
CIVIL ENGINEERS
RIVERSIDE, CALIFORNIA
SCALE:
DATE Jan 1973
BENCH MARK:
COUNTY OF RIVERSIDE
EUCALYPTUS AVENUE
BOX SPRINGS ASSESSMENT DISTRICT NO. 137
W.O. 72383
FOR:
F.B.
8
OF 9 SHEETS
FILE NO.- 72-383-A
D-3589
R-1737



REVISIONS:	APPROVED BY: [signature] REGISTERED CIVIL ENGINEER NO. 9876 DATE: 10-3-73	ALBERT A. WEBB ASSOCIATES CIVIL ENGINEERS 3788 McCRAY STREET RIVERSIDE CALIFORNIA	COUNTY OF RIVERSIDE DRAINAGE DITCH PLAN
	APPROVED BY: RIVERSIDE COUNTY, CALIF. FOR ROAD COMMISSIONER DATE:	SCALE: 1" = 40' DATE Jan 1973	BOX SPRINGS ASSESSMENT DISTRICT NO. 137
ADDED 90' x 450' TRIANGULAR EASEMENT - 8-18-72		BENCH MARK: Elev. 1538.160 U.S.G.&G.S. PR 298 N.W. Cor. Int. Atchison Topeka & S.F. R.R. & Fischer Road, brass disk on 4"x4" Conc. mon. County 600-48-68	W.O. 72-383 FOR: F.B. 1020 & 1026

9 OF 9 SHEETS

FILE NO. 72-383-A

R-1737