CANYON CREST DRIVE
STORM DRAIN IMPROVEMENT PLANS

ABBREVIATIONS:

THW = TOP OF HEADWALL
TF = TOP OF FOOTING

CONSTRUCTION NOTES

(1) CONSTRUCT 18" RCP (D-2000)

(3) CONSTRUCT 24" RCP (D-1500)

(4) CONSTRUCT CONCRETE COLLAR PER CITY OF RIVERSIDE STD. DWG. NO. 424

(7) CONSTRUCT 30" R.C.P. (D-1500)

(8) CONSTRUCT C.S.P. INLET PER CITY OF RIVERSIDE STD. DWG. NO. 412

(9) CONSTRUCT JUNCTION STRUCTURE "C" PER CITY RIVERSIDE STD. DWG. NO. 422

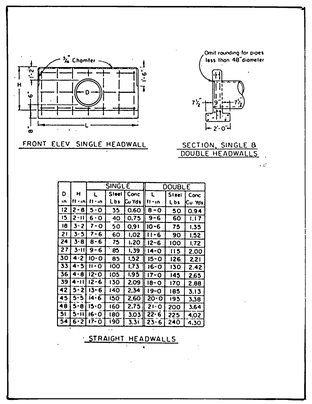
(10) CONSTRUCT MANHOLE "EZ" PER CITY OF RIVERSIDE STD. DWG. NO. 431

(11) CONSTRUCT "JM" PER CITY OF RIVERSIDE STD. DWG. NO. 432

(14) CONSTRUCT CALTRANS HEADWALL D-89 PER DETAIL ON THIS SHEET

(15) CONSTRUCT CALTRANS WINGWALL D-90 PER DETAL ON THIS SHEET. L=10'

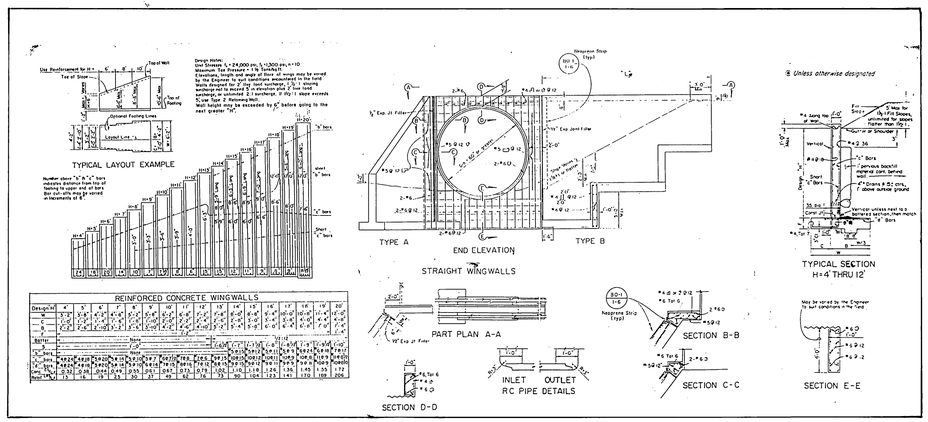
(16) CONSTRUCT 1/4 TON GROUTED RIP-RAP COBBLES.



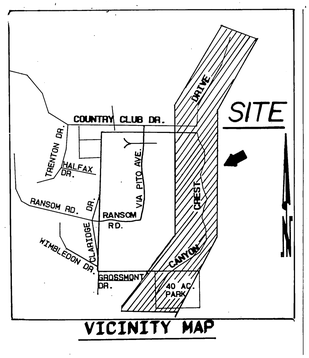
D	H	SINGLE L	Steel	Conc	DOUBLE L	Steel	Conc
12	2-8	5-0	35	0.60	8-0	50	0.94
15	2-11	6-0	40	0.75	9-6	60	1.17
18	3-2	7-0	50	0.91	10-6	75	1.35
21	3-5	7-6	60	1.02	11-6	90	1.52
24	3-8	8-6	75	1.20	12-6	100	1.72
27	3-11	9-6	85	1.39	14-0	115	2.00
30	4-2	10-0	85	1.52	15-0	126	2.21
33	4-5	11-0	100	1.73	16-0	130	2.42
36	4-8	12-0	105	1.93	17-0	145	2.63
39	4-11	12-6	130	2.09	18-0	170	2.88
42	5-2	13-6	140	2.34	19-0	185	3.13
45	5-5	14-6	150	2.60	20-0	195	3.38
48	5-8	15-0	160	2.75	21-0	200	3.64
51	5-11	16-0	180	3.03	22-6	225	4.02
54	6-2	17-0	190	3.31	23-6	240	4.30

STRAIGHT HEADWALLS

HEADWALL DETAILS (14)



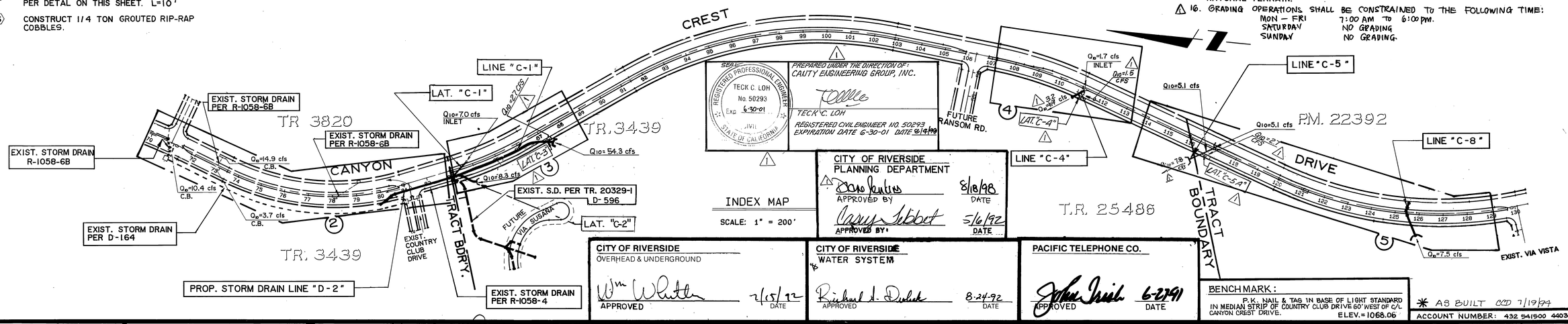
WING WALLS DETAILS (15)



VICINITY MAP

STORM DRAIN NOTES

1. Quantities shown are for information only and the City of Riverside is not responsible for their accuracy.
2. Construction shall be in accordance with the City of Riverside Dept. of Public Works, Standard Drawings, Standard drawing no. 10 and the standard specifications for Public Works construction, current edition.
3. It shall be the responsibility of the contractor to clear the right of way in accordance with the provisions of law as it affects each utility including irrigation lines and appurtenances and at no cost to the City.
4. Notice to contractor. The existence and location of any underground utility pipes or structures shown on these plans were obtained by a search of the available records. To the best of our knowledge there are no existing utilities exept as shown on these plans. The contractor is required to take precautionary measures to protect the utility lines shown and any other lines not of record or not shown on these plans.
5. The private engineer signing these plans is responsible for assuring the accuracy and acceptability of the work hereon. In the event of discrepancies arising during construction, the private engineer shall be responsible for determining an acceptable solution and revising the plans for approval by the City.
6. The contractor shall call in a locations request to UNDERGROUND SERVICE ALERT (USA), Phone No. 1-800-227-2600 two working days before digging. No construction permit will be issued by the Public Works Department involving excavation for underground facilities unless the applicant has been provided an Inquiry Identification Number by U.S.A.
7. The developer shall be responsible for preserving or re-establishing and referencing survey monuments destroyed, disturbed or buried as a result of construction shown hereon.
8. All embankment fill shall be compacted to minimum of 90% maximum dry density and shall be of an approved quality.
9. Before the Rip-Rap is accepted, as placed, at the outlet of any drainage structure, it shall be tested under flows as close as possible to design conditions with water obtained from fire hydrants in the immediate area.
10. All flagged elevations shall be staked in the field by the private engineer.
11. 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 performance of work on this project, excepting for liability arising from the sole negligence of the owner or the engineer.
12. The concrete cover on the inside of all concrete pipe must be increased to provide a min. of 1.5" over the reinforcing when the design velocities exceed 20 fps. The concrete design strength in these reaches shall be:
    fc = 5000 psi. for velocities exceeding 20 fps. and
    fc = 6000 psi. for velocities exceeding 30 fps.
13. ALL RIP-RAP WILL BE NATURAL RIVER-ROCK (COBBLES), NOT BLASTED ROCK.
14. GROUT WILL BE COLOR TREATED "EARTH BROWN" TO BLEND INTO NATURAL SURROUNDING TERRAIN.
15. ALL DRAINAGE FEATURES INCLUDING DITCHES, HEADWALLS, ETC. WILL BE COLOR TREATED "EARTH BROWN" TO BLEND IN WITH SURROUNDING NATURAL TERRAIN.
16. GRADING OPERATIONS SHALL BE CONSTRAINED TO THE FOLLOWING TIME:
    MON – FRI 7:00 AM TO 6:00 PM.
    SATURDAY NO GRADING
    SUNDAY NO GRADING.
17. THE DEVELOPER SHALL BE RESPONSIBLE TO PROVIDE EROSION CONTROL MEASURES DURING GRADING OPERATIONS FOR PROTECTION OF SLOPES & OFFSITE FACILITIES. SLOPES TO BE PROTECTED PER THE EROSION CONTROL DETAILS IN THIS PLAN. ADDITIONAL SAND BAGS TO BE PLACED AS NECESSARY. THE FOLLOWING MEASURES SHOULD BE CONSIDERED AS NECESSARY DURING THE RAINY SEASON:
    (1) EQUIPMENT AND WORKERS NEEDED FOR EMERGENCY WORK SHALL BE AVAILABLE AT ALL TIMES.
    (2) ANY NECESSARY MATERIALS SHALL BE STOCKPILED AT CONVENIENT LOCATIONS ON OR NEAR THE SITE.
    (3) ANY REMOVABLE PROTECTIVE DEVICES SHALL BE IN PLACE AT THE END OF EACH WORKING DAY WHEN 5-DAY RAIN PROBABILITY FORECAST EXCEEDS 40 PERCENT.
    (4) AFTER A RAINSTORM, ALL SILT AND DEBRIS SHALL BE REMOVED FROM CHECK DAMS. SILT & DEBRIS SHALL BE REMOVED FROM CITY OF RIVERSIDE STREETS. THIS REQUIREMENT SHALL REMAIN IN EFFECT UNTIL CITY ACCEPTANCE OF THE SUB-DIVISION THAT DRAINS ONTO CITY STREETS
    (5) THE CONTRACTOR SHALL BE RESPONSIBLE AND TAKE NECESSARY CAUTIONS TO PREVENT PUBLIC TRESPASS ONTO AREAS WHERE IMPOUNDED WATER CREATES A HAZARDOUS CONDITION.
    (6) ALL EROSION CONTROL MEASURES SHALL BE INSPECTED AND, IF NECESSARY REPAIRED FOLLOWING RAINSTORM.



INDEX MAP
SCALE: 1" = 200'

PREPARED UNDER THE DIRECTION OF:
CAUTY ENGINEERING GROUP, INC.
TECK C. LOH
REGISTERED CIVIL ENGINEER NO. 50293
EXPIRATION DATE 6-30-01 DATE 8/14/98

CITY OF RIVERSIDE
PLANNING DEPARTMENT
APPROVED BY — DATE 8/18/98
APPROVED BY — DATE 5/16/92

CITY OF RIVERSIDE
OVERHEAD & UNDERGROUND
APPROVED — DATE 7/15/92

CITY OF RIVERSIDE
WATER SYSTEM
APPROVED — DATE 8-24-92

PACIFIC TELEPHONE CO.
APPROVED — DATE 6-27-91

BENCH MARK:
P.K. NAIL & TAG IN BASE OF LIGHT STANDARD IN MEDIAN STRIP OF COUNTRY CLUB DRIVE 60' WEST OF C/L CANYON CREST DRIVE.
ELEV. = 1068.06

AS BUILT CCD 7/19/94

ACCOUNT NUMBER: 432 541500 440302 30525

Underground Service Alert
CALL BEFORE YOU DIG
Call: TOLL FREE
1-800
422-4133
TWO WORKING DAYS BEFORE YOU DIG.

PRIVATE ENGINEERING NOTE
CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICE, CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; AND CONSTRUCTION CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY AND HOLD DESIGN PROFESSIONAL HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF DESIGN PROFESSIONAL.

REGISTERED PROFESSIONAL ENGINEER — JEFFREY D. SMITH — No. 46212 — CIVIL — STATE OF CALIFORNIA

PREPARED UNDER THE DIRECTION OF:
REGISTERED CIVIL ENGINEER NO. 46212
EXPIRATION DATE 12/31/94 DATE: 4/15/92
APPROVED BY:

REGISTERED PROFESSIONAL ENGINEER — LAUREN FRED CALDWELL — No. 39441 — CIVIL — STATE OF CALIFORNIA

ENGINEER IN RESPONSIBLE CHARGE
LAUREN F. CALDWELL
R.C.E. No. 39441 expires 12/31/93
DATE 6/9/93

MARK	REVISIONS	APPR.	DATE
1	ADDED IMPROVEMENTS PER TR 25486	RDD	8-28-98

DESIGNED BY (T.C.L.) LARRY DRAWN BY (C.M.F.) CHECKED BY (J.D.S.)

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

	BY	DATE
APPROVED BY — PRINCIPAL ENGINEER		8/19/98
DEPUTY P.W. DIRECTOR		8/19/98
SURVEYOR		8/19/98
CHIEF P.W. INSPECTOR		8/19/98
STREET SERVICES		8/19/98

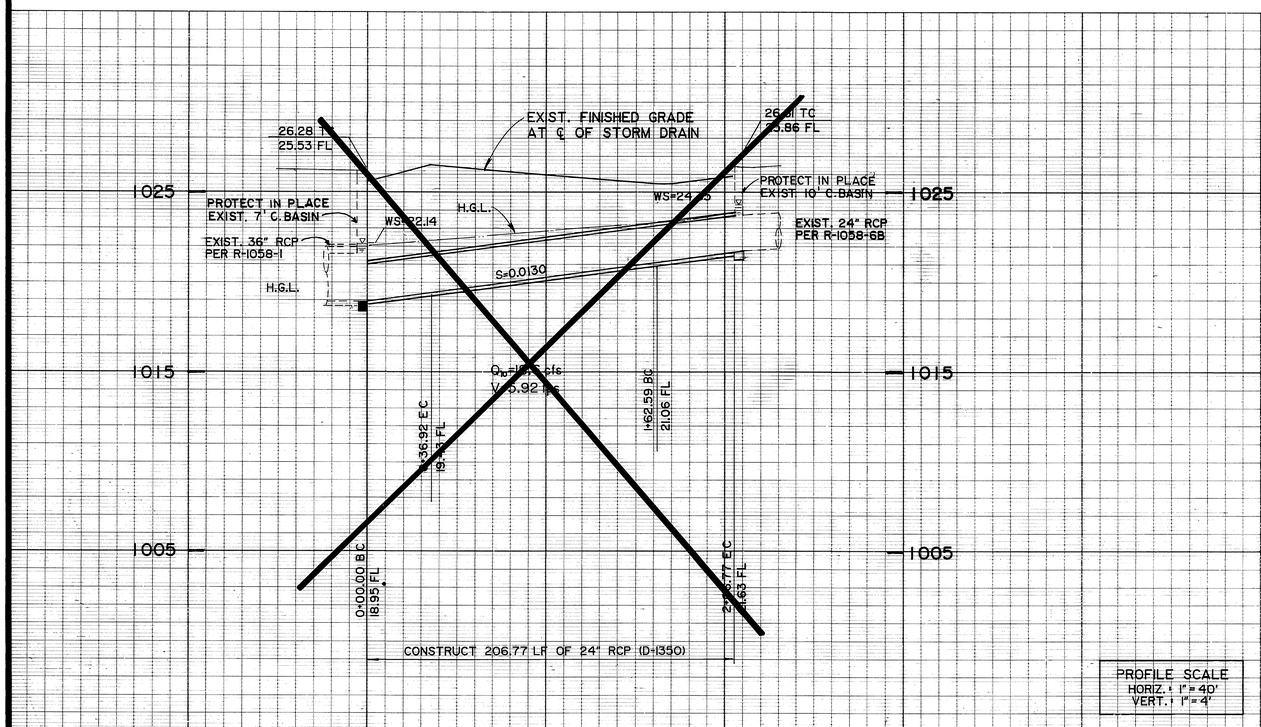
APPROVED BY — DIRECTOR OF PUBLIC WORKS — DATE

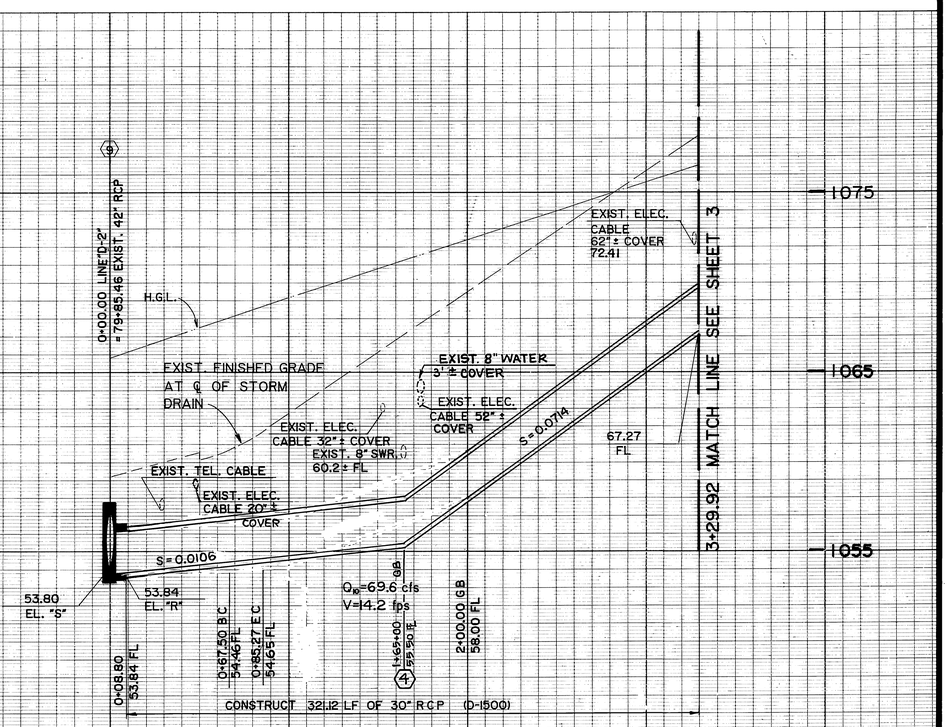
CANYON CREST DRIVE
STORM DRAIN IMPROVEMENT PLANS
TITLE SHEET

SCALE: HORIZ. VERT.

D-609
SHEET 1 OF 5

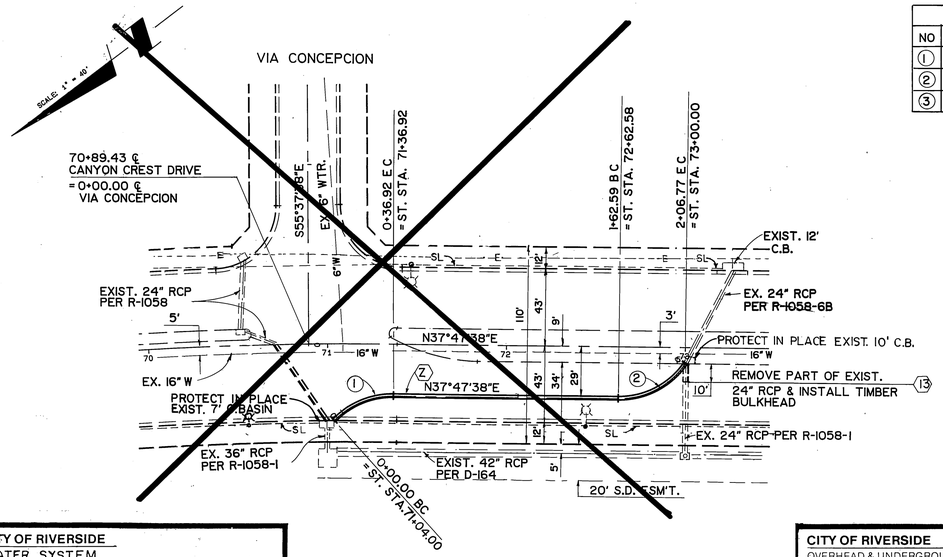
INDEXED 7-29-93 LH





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

STORM DRAIN CURVE DATA				
NO	Δ	R	L	T
①	47°00'10"	45.00'	36.92'	19.57'
②	56°15'04"	45.00'	44.18'	24.05'
③	22°37'24"	45.00'	17.77'	9.00'



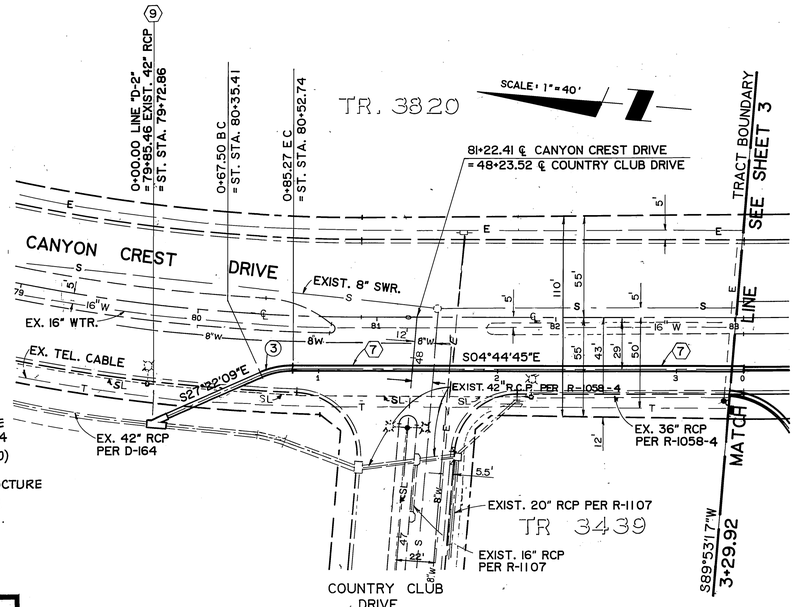
79+85.46 ℄ J.S. "C"	
A	30°00'00"
B	30°
C'	8.80'
D_1	42"
D_2	42"
E'	8.60'
L'	9.60'
EL. "S"	53.80'
EL. "R"	53.84

CONSTRUCTION NOTES

④ CONSTRUCT CONCRETE COLLAR PER CITY OF RIVERSIDE STANDARD DRAWING NO. 424

⑦ CONSTRUCT 30" RCP (D-1500)

⑨ CONSTRUCT JUNCTION STRUCTURE "C" PER CITY OF RIVERSIDE STANDARD DRAWING NO. 422.



CITY OF RIVERSIDE
WATER SYSTEM
Richard L. Drobish
APPROVED
8-24-92
DATE

CITY OF RIVERSIDE
OVERHEAD & UNDERGROUND
Wm (W) Cotter
APPROVED
7/15/92
DATE

PACIFIC TELEPHONE CO.
John Grist
APPROVED
DATE

LINE "D-1"

LINE "D-2"

* AS BUILT CCD 7/19/94

BENCHMARK:
P.K. NAIL & TAG IN BASE OF LIGHT STANDARD IN MEDIAN STRIP OF COUNTRY CLUB DRIVE 60' WEST OF ℄/L CANYON CREST DRIVE.
ELEV.= 1068.06

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PRIVATE ENGINEERING NOTE

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REGISTERED PROFESSIONAL ENGINEER JEFFREY Q. SMIS No. 46212 CIVIL STATE OF CALIFORNIA

PREPARED UNDER THE DIRECTION OF:
REGISTERED CIVIL ENGINEER NO. 46212
EXPIRATION DATE: 12/31/94 DATE: 4/15/92
APPROVED BY:

REGISTERED PROFESSIONAL ENGINEER LAUREN FRED CALDWELL No. 39441 CIVIL STATE OF CALIFORNIA

ENGINEER IN RESPONSIBLE CHARGE
Lauren F. Caldwell
LAUREN F. CALDWELL
R.C.E. No. 39441 expires 12/31/93
DATE 6/9/93

MARK	REVISIONS	APPR	DATE

DESIGNED BY T.C.L. LARRY DRAWN BY C.M.F. CHECKED BY J.D.S.

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

APPROVED BY	BY	DATE
PRINCIPAL ENGINEER	[illegible]	6/9/93
DEPUTY PW. DIRECTOR	[illegible]	7/1/93
SURVEYOR	[illegible]	6/15/93
CHIEF P.W. INSPECTOR	[illegible]	6/11/93
STREET SERVICES	[illegible]	6/11/93

APPROVED BY
DIRECTOR OF PUBLIC WORKS
DATE 7-1-93

CANYON CREST DRIVE STORM DRAIN IMPROVEMENT PLANS

LINE "D-1", LINE "D-2"

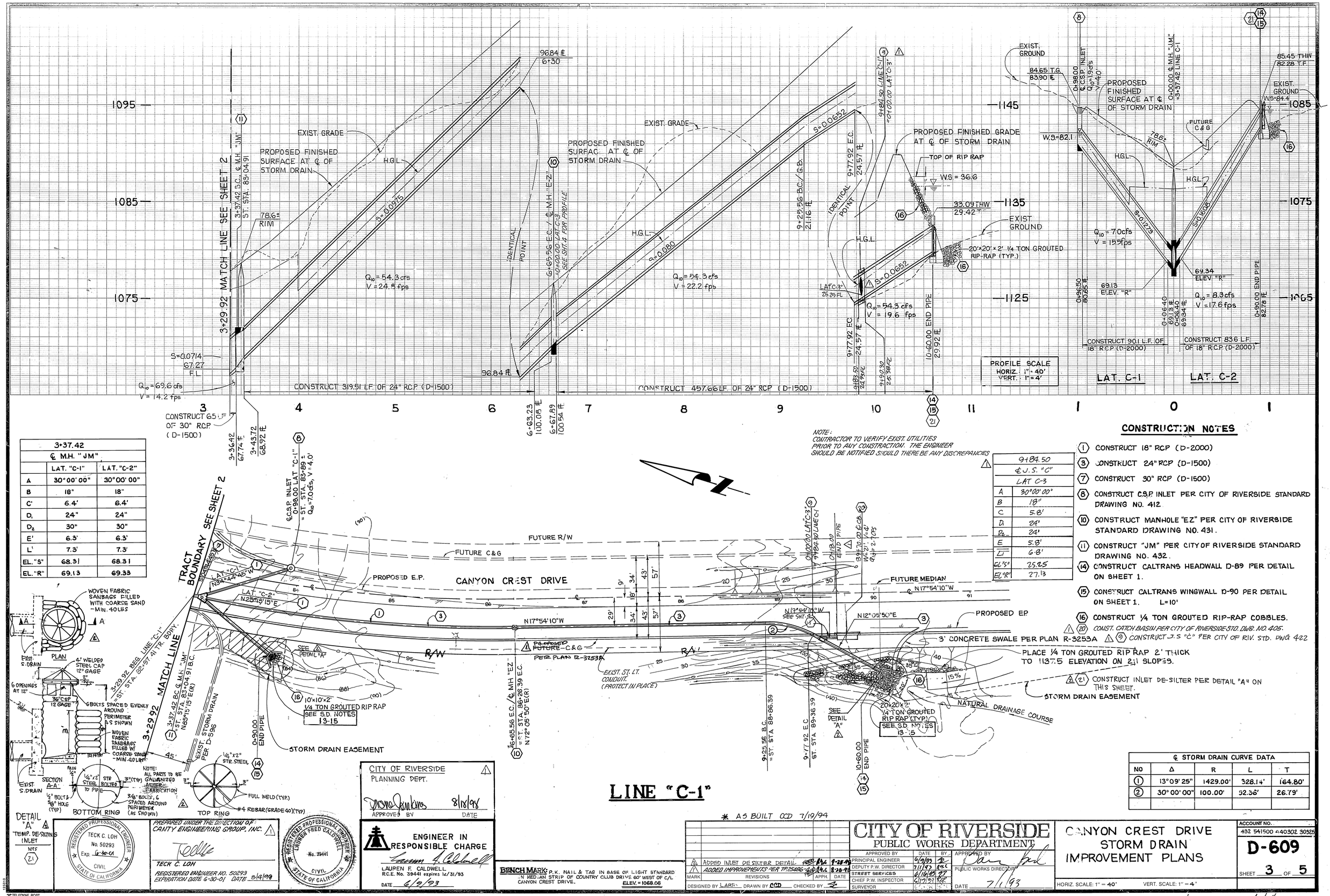
SCALE: HORIZ. 1"=40' VERT. 1"=4'

ACCOUNT NUMBER: 432.541500.440302.30325

D-609

SHEET 2 OF 5

INDEXED 7-27-93 GH



3+37.42 ℄ M.H. "JM"		
	LAT. "C-1"	LAT. "C-2"
A	30°00'00"	30°00'00"
B	18"	18"
C'	6.4'	6.4'
D_1	24"	24"
D_2	30"	30"
E'	6.3'	6.3'
L'	7.3'	7.3'
EL. "S"	68.31	68.31
EL. "R"	69.13	69.33

9+84.50 ℄ U.S. "C" LAT C-3	
A	30°00'00"
B	18"
C	5.8'
D	24"
D_2	24"
E	5.8'
L'	6.8'
EL "S"	25.25
EL "R"	27.13

℄ STORM DRAIN CURVE DATA				
NO	Δ	R	L	T
1	13°09'25"	1429.00'	328.14'	164.80'
2	30°00'00"	100.00'	52.36'	26.79'

CITY OF RIVERSIDE
PLANNING DEPT.
APPROVED BY: Donna Jenkins 8/18/94 DATE

ENGINEER IN RESPONSIBLE CHARGE
LAUREN F. CALDWELL
R.C.E. No. 39441 expires 12/31/93
DATE 6/2/93

REGISTERED PROFESSIONAL ENGINEER TECK C. LOH No. 50293 Exp. 6-30-01 CIVIL STATE OF CALIFORNIA

PREPARED UNDER THE DIRECTION OF: CANTY ENGINEERING GROUP, INC.
TECK C. LOH
REGISTERED ENGINEER NO. 50293 EXPIRATION DATE 6-30-01 DATE 6/4/93

REGISTERED PROFESSIONAL ENGINEER LAUREN FRED CALDWELL No. 39441 CIVIL STATE OF CALIFORNIA

BENCH MARK: P.K. NAIL & TAG IN BASE OF LIGHT STANDARD N MED AN STRIP OF COUNTRY CLUB DRIVE 60' WEST OF C/L CANYON CREST DRIVE. ELEV. = 1068.06

* AS BUILT CCD 7/19/94

MARK	REVISIONS	APPR.	DATE
⚠	ADDED INLET DE SILTER DETAIL	CCD	7-28-94
⚠	ADDED IMPROVEMENTS PER TR 25486-3	CCD	8-18-94

DESIGNED BY LAREN DRAWN BY CCD CHECKED BY TL

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

	APPROVED BY	DATE	BY
	PRINCIPAL ENGINEER	6/9/93	TL
	DEPUTY P.W. DIRECTOR	7/1/93	RMC
	STREET SERVICES	6/16/93	TT
	CHIEF P.W. INSPECTOR	6/17/93	KRC
	SURVEYOR		

APPROVED BY: PUBLIC WORKS DIRECTOR
DATE 7/1/93

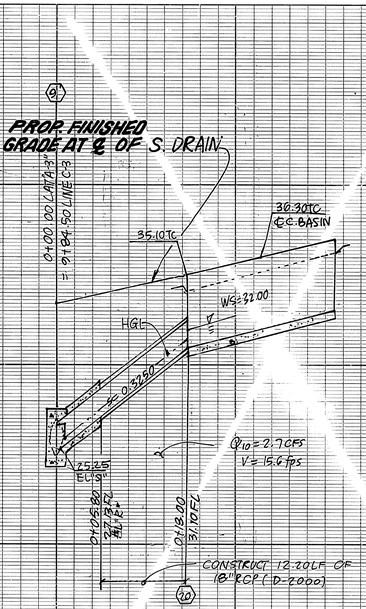
CANYON CREST DRIVE
STORM DRAIN
IMPROVEMENT PLANS

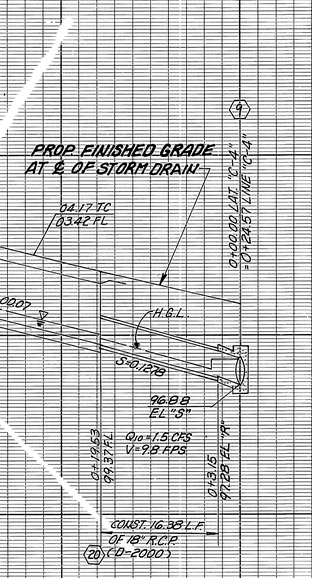
ACCOUNT NO. 432 541500 440302 30325
D-609
SHEET 3 OF 5

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

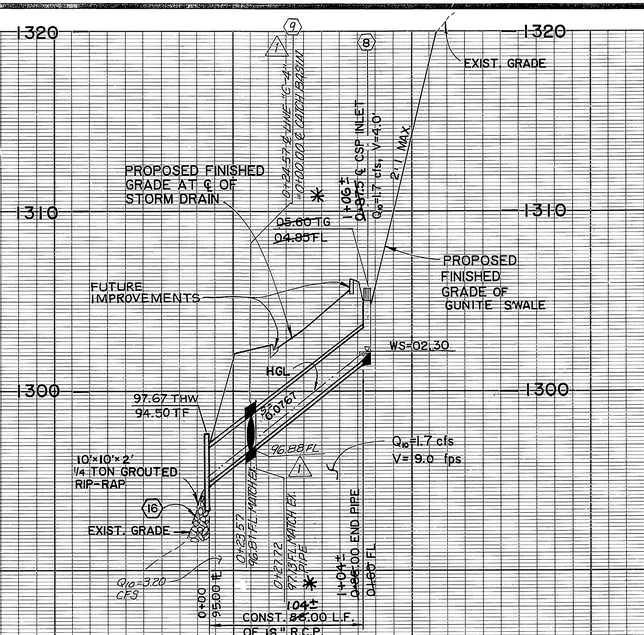
INDEXED 7-29-94 GH

TELEDYNE POST.





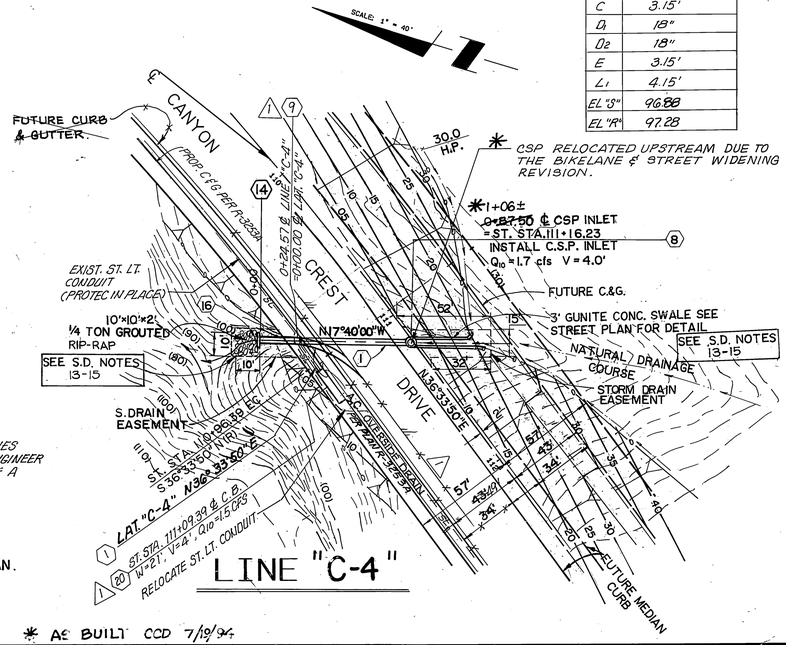
PROFILE SCALES
HORIZ: 1"=40'
VERT: 1"=4'



CONSTRUCTION NOTES:

1. CONSTRUCT 18" RCP (D-2000).
8. CONSTRUCT C.S.P. INLET PER CITY OF RIVERSIDE STANDARD DRAWING NO. 412.
14. CONSTRUCT CALTRANS HEADWALL D-89 PER DETAIL ON SHEET 1.
16. CONSTRUCT 1/4 TON GROUTED RIP-RAP COBBLES.
1/20. CONST. CATCH BASIN PER CITY OF RIVERSIDE STD. DWG. NO. 405
1/9. CONST. JUNCTION STRUCTURE "C" PER CITY OF RIVERSIDE STD. DWG. NO. JS422

1	0+24.57
	℄ J.S. "C"
	LINE "C-4"
A	54°13'50"
B	18"
C	3.15'
D1	18"
D2	18"
E	3.15'
L1	4.15'
EL "S"	96.88
EL "R"	97.28



NOTE:
CONTRUCTOR TO VERIFY EXIST. UTILITIES PRIOR TO ANY CONSTRUCTION. THE ENGINEER SHOULD BE NOTIFIED, SHOULD THERE BE A DISCREPANCIES

NOTE:
REFER TO STREET PLAN. FOR TERRACE DRAIN AND DOWN DRAIN

CITY OF RIVERSIDE
PLANNING DEPT.
APPROVED BY — DATE 8/18/94

CITY OF RIVERSIDE
PUBLIC UTILITIES DEPT- ELECTRIC DEPT., OVERHEAD & UNDERGROUND.
APPROVED — DATE 8-6-98

ENGINEER IN RESPONSIBLE CHARGE
LAUREN F. CALDWELL
R.C.E. No. 39441 expires 12/31/93
DATE 6/9/93

SEAL — REGISTERED PROFESSIONAL ENGINEER — TECK C. LOH — No. 50293 — Exp. 6-30-01 — CIVIL — STATE OF CALIFORNIA

PREPARED UNDER THE DIRECTION OF:
CANTY ENGINEERING GROUP, INC.
TECK C. LOH
REGISTERED ENGINEER NO. 50293
EXPIRATION DATE 6-30-01 DATE 8-4-98

REGISTERED PROFESSIONAL ENGINEER — LAUREN FRED CALDWELL — No. 39441 — CIVIL — STATE OF CALIFORNIA

PREPARED UNDER THE DIRECTION OF:
REGISTERED CIVIL ENGINEER NO. 46712
EXPIRATION DATE 12/31/94 DATE: 4/15/92
APPROVED BY:

REGISTERED PROFESSIONAL ENGINEER — SYDNEY D. SMITH — No. 46712 — CIVIL — STATE OF CALIFORNIA

PRIVATE ENGINEERING NOTE
CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICE, CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; AND CONSTRUCTION CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY AND HOLD DESIGN PROFESSIONAL HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF DESIGN PROFESSIONAL

Underground Service Alert
Call: TOLL FREE 1-800 422-4133
TWO WORKING DAYS BEFORE YOU DIG

SCALE: 1" = 40'
DATE: MAY 1991

BENCH MARK: P.K. NAIL & TAG IN BASE OF LIGHT STANDARD IN MEDIAN STRIP OF COUNTRY CLUB DRIVE 60' WEST OF ℄ CANYON CREST DRIVE.
ELEV.= 1068.06

MARK	REVISIONS	APPR.	DATE
1	ADDED IMPROVEMENTS PER I'P 25486-4	TCL	8-20-98

DESIGNED BY TCL LARRY — DRAWN BY CMF (Pool) — CHECKED BY JDS

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

	BY	DATE
APPROVED BY PRINCIPAL ENGINEER		4/2/93
DEPUTY P.W. DIRECTOR		7/1/93
SURVEYOR		4/14/93
CHIEF P.W. INSPECTOR		4/7/93
STREET SERVICES		4/14/93

APPROVED BY DIRECTOR OF PUBLIC WORKS
DATE 7/1/93

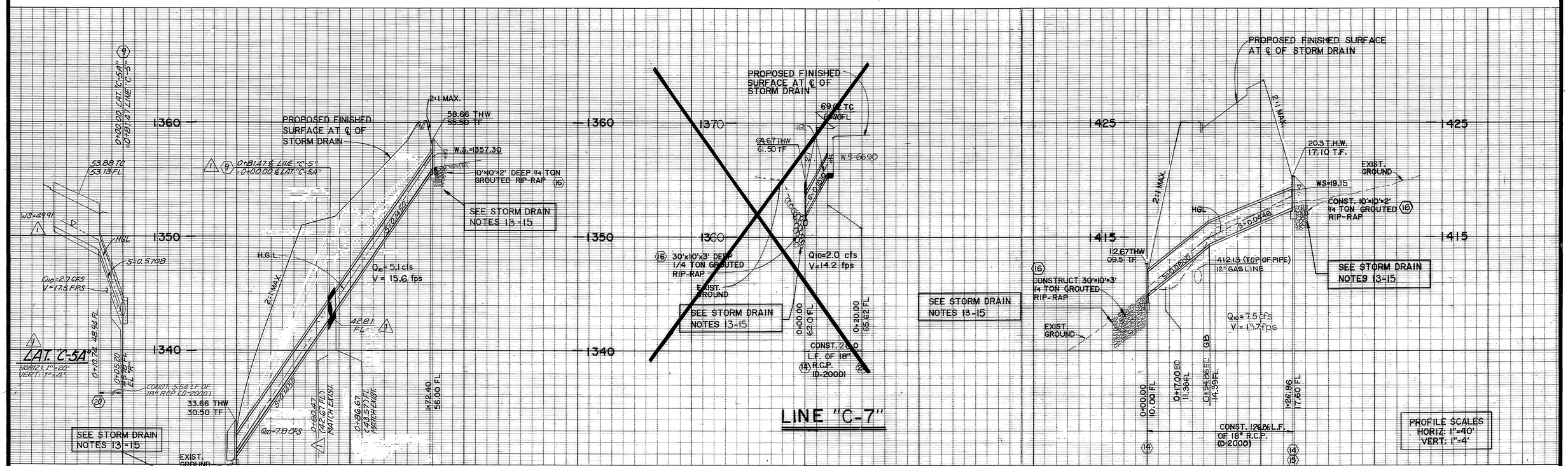
CANYON CREST DRIVE STORM DRAIN IMPROVEMENT PLANS

LINE "C-4"
1 LATERALS "C-3" & "C-4"

ACCOUNT NUMBER: 432 541900 440502 30325
D-609
SHEET 4 OF 5
FILE NO.:

AS BUILT CCD 7/9/94

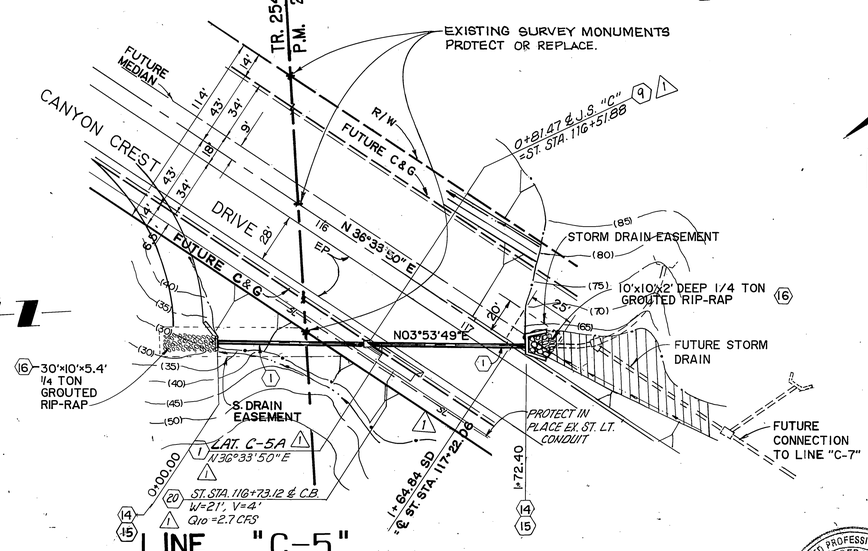
INDEXED 7-29-94 GH

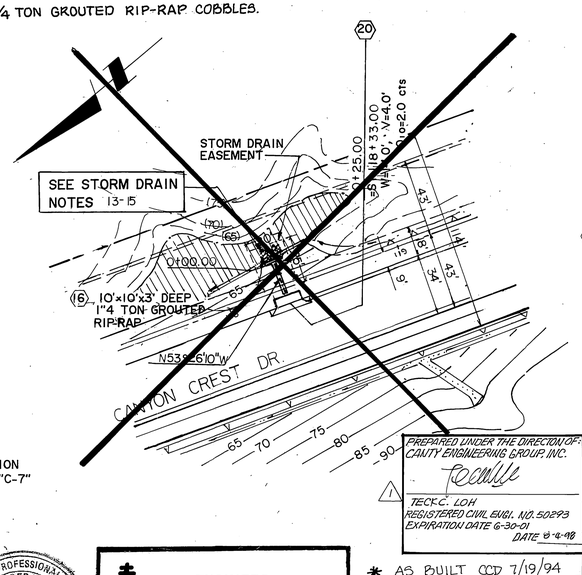


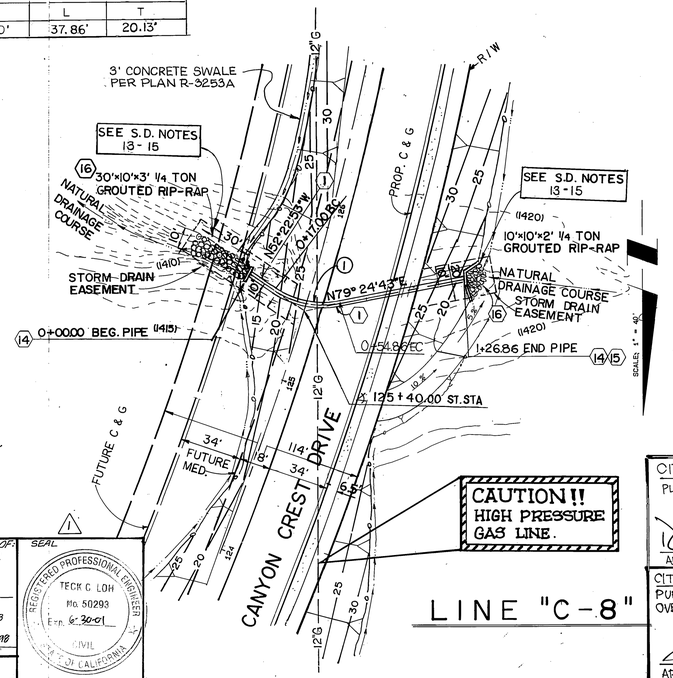
℄ J.S. "C"	
0+81.47	
A	37°40'01"
B	18"
C1	5.2'
D1	18"
D2	18"
E1	5.2'
L1	6.2'
E.C.R'	45.78'
E.L.'S	42.81'

1. CONSTRUCT 18" RCP (D-2000)
14. CONSTRUCT CALTRANS HEADWALL D-89 PER DETAIL ON SHEET 1.
15. CONSTRUCT CALTRANS WINGWALL D-90 PER DETAIL ON SHEET 1. L=10"
16. CONSTRUCT 1/4 TON GROUTED RIP-RAP COBBLES.

CURVE DATA				
NO.	△	R	L	T
1	48°12'24"	45.00'	37.86'	20.13'







PREPARED UNDER THE DIRECTION OF CAUITY ENGINEERING GROUP, INC.
TECK C. LOH
REGISTERED CIVIL ENGR. NO. 50293
EXPIRATION DATE 6-30-01
DATE 6-4-98

SEAL: REGISTERED PROFESSIONAL ENGINEER TECK C LOH No. 50293 Exp. 6-30-01 CIVIL STATE OF CALIFORNIA

CITY OF RIVERSIDE
PLANNING DEPT.
APPROVED BY — DATE 8/6/98

CITY OF RIVERSIDE
PUBLIC UTILITIES DEPT- ELECTRIC DEPT.
OVERHEAD & UNDERGROUND
APPROVED BY — DATE 8-6-98

Underground Service Alert
DIG ALERT
Call: TOLL FREE 1-800 422-4133
TWO WORKING DAYS BEFORE YOU DIG

PRIVATE ENGINEERING NOTE

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

REGISTERED PROFESSIONAL ENGINEER JEFFREY D. BAKER No. 46212 CIVIL STATE OF CALIFORNIA

PREPARED UNDER THE DIRECTION OF:
REGISTERED CIVIL ENGINEER NO. 46212
EXPIRATION DATE: 12/31/94 DATE: 4/15/92
APPROVED BY:

REGISTERED PROFESSIONAL ENGINEER LAUREN FRED CALDWELL No. 39441 CIVIL STATE OF CALIFORNIA

ENGINEER IN RESPONSIBLE CHARGE
LAUREN F. CALDWELL
R.C.E. No. 39441 expires 12/31/93
DATE 6/9/93

SCALE: SCALE: 1"=40' DATE: AUG. 1991

BENCH MARK: P.K. NAIL @ TAG IN BASE OF LIGHT STANDARD IN MEDIAN STRIP OF COUNTRY CLUB DRIVE WEST OF C.L. CANYON CREST DRIVE. EL=1068.06

* AS BUILT OCD 7/19/94

MARK	REVISIONS	APPR.	DATE
1	ADDED IMPROVEMENTS PER TR 25486 (REV)		

DESIGNED BY T.C.L. DRAWN BY C.M.F (POOL) CHECKED BY JDS

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

APPROVED BY	BY	DATE
PRINCIPAL ENGINEER		4/9/93
DEPUTY P.W. DIRECTOR		7/1/93
SURVEYOR		6/16/93
CHIEF P.W. INSPECTOR		6/17/93
STREET SERVICES DIR.		7/1/93

APPROVED BY
DIRECTOR OF PUBLIC WORKS
DATE: 7/1/93

CANYON CREST DRIVE STORM DRAIN IMPROVEMENT PLANS

LINE "C-5", LINE"C-8"
⚠ LATERAL "C-5A"

ACCOUNT NUMBER: 432 541900 440302 30325
D-609
SHEET 5 OF 5
FILE NO.: 8911565

Indexed 7-29-94 GH