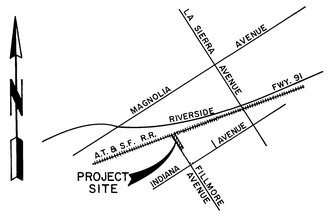
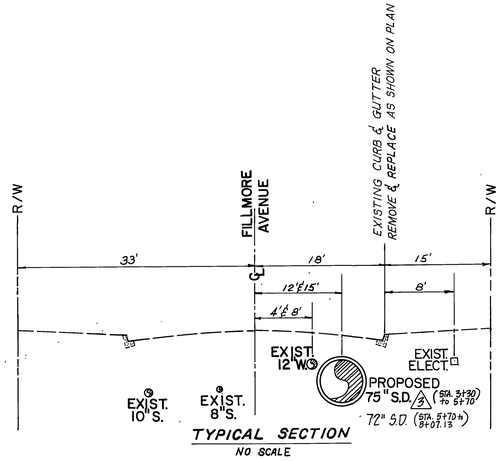


CITY OF RIVERSIDE

VICINITY MAP

NO SCALE

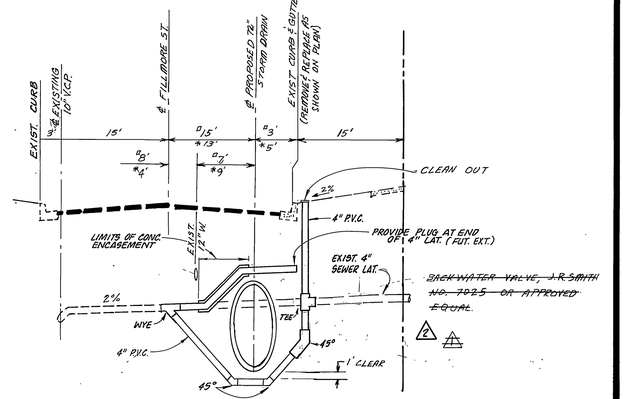


TYPICAL SECTION

NO SCALE

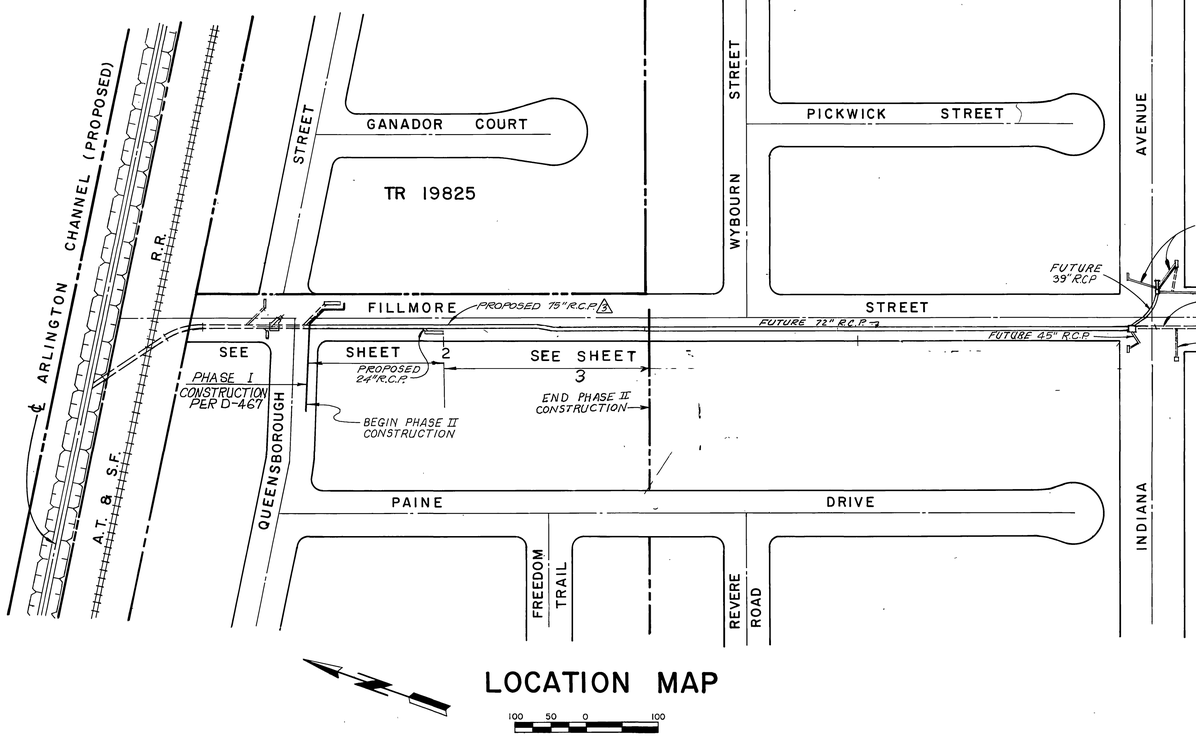
GENERAL NOTES

1. THE PRIVATE ENGINEER SIGNING THESE PLANS IS RESPONSIBLE FOR 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.
2. IT SHALL BE THE RESPONSIBLITY 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.
3. CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF RIVERSIDE DEPARTMENT OF PUBLIC WORKS STANDARD DRAWINGS AND THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1985 EDITION.
4. PIPE BEDDING SHALL BE PER CITY OF RIVERSIDE STANDARD DRAWING NO. 452, CASE 1.
5. ~~ANY RELOCATION OF EXISTING STREET LIGHT OR ELECTRICAL UNDERGROUND FACILITIES IS AT THE EXPENSE OF THE DEVELOPER.~~
5. ALL FLAGGED ELEVATIONS SHALL BE STAKED IN THE FIELD BY PRIVATE ENGINEER.
6. CONTRACTOR IS TO VERIFY EXISTING SEWER ELEVATION PRIOR TO CONSTRUCTION.
7. QUANTITIES SHOWN ARE FOR INFORMATION ONLY AND THE CITY OF RIVERSIDE IS NOT RESPONSIBLE FOR THEIR ACCURACY.
8. THE CONTRACTOR SHALL CALL IN A LOCATION REQUEST TO UNDERGROUND SERVICE ALERT (USA), PHONE NO. 1-800-422-4133, 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.
9. THE PRIVATE ENGINEER PREPARING THIS PLAN SHALL BE RESPONSIBLE FOR PRESERVING OR RE-ESTABLISHING AND REFERENCING SURVEY MONUMENTS DESTROYED, DISTURBED OR BURIED AS A RESULT OF CONSTRUCTION SHOWN HEREON.
10. LOCATIONS OF PUBLIC UTILITIES SHOWN HAVE BEEN DETERMINED FROM AVAILABLE INFORMATION. HOWEVER, IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THE TRUE LOCATION OF ANY EXISTING UTILITIES AND TO EXERCISE PROPER PRECAUTIONS TO AVOID INJURY OR DAMAGE THERETO.
11. HOUSE CONNECTIONS SHALL BE REMODELED PER CITY OF RIVERSIDE STANDARD DRAWING NO. 554 AND DETAIL SHOWN BELOW.
12. CURB AND GUTTER SHALL BE REPLACED PER CITY OF RIVERSIDE STANDARD DRAWING NO. 200.
13. TRENCH RESURFACING STRUCTURAL SECTION SHALL BE 3 1/2" AC OVER 4" CRUSHED AGGREGATE BASE IN FILLMORE STREET
15. ~~DEVELOPER TO GIVE CITY WATER DIVISION TEN (10) WORKING DAYS WRITTEN NOTICE PRIOR TO START OF CONSTRUCTION AND TO ALLOW CITY FIFTEEN (15) WORKING DAYS FOR COMPLETION OF WORK. (787-7611)~~



REMODELING DETAIL FOR SEWER LATERALS STA. 6+69 & STA. 7+34

* STA. 6+69 = 3526 FILLMORE (LOT 11 of TR 18502)
□ STA 7+34 = 3536 FILLMORE (LOT 10 of TR 18502)

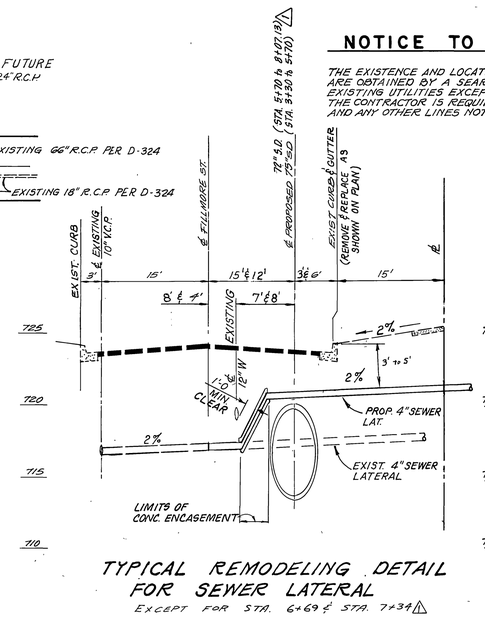


LOCATION MAP

100 50 0 100

NOTICE TO CONTRACTOR

THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THESE PLANS ARE OBTAINED BY A SEARCH OF THE AVAILABLE RECORDS. TO THE BEST OF OUR KNOWLEDGE, THERE ARE NO EXISTING UTILITIES EXCEPT AS SHOWN ON THESE PLANS. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES SHOWN AND ANY OTHER LINES NOT OF RECORD OR NOT SHOWN ON THESE PLANS.



TYPICAL REMODELING DETAIL FOR SEWER LATERAL EXCEPT FOR STA. 6+69 & STA. 7+34 ⚠1

ESTIMATE OF QUANTITIES

NO.	ITEM		QTY.
1	72" R.C.P. (D-800)		237 L.F.
2	72" R.C.P. (D-1000)		— L.F.
3	45" R.C.P.		— L.F.
4	39" R.C.P.		— L.F.
5	24" R.C.P. (D-1350)		9 L.F.
6	18" R.C.P.		— L.F.
7	CONCRETE COLLAR	CITY OF RIVERSIDE STANDARD 424	1 EA.
8	4' WIDE CATCH BASIN	CITY OF RIVERSIDE STANDARD 405	— EA.
9	12' WIDE CATCH BASIN	CITY OF RIVERSIDE STANDARD 405	— EA.
10	18' WIDE CATCH BASIN	CITY OF RIVERSIDE STANDARD 405	— EA.
11	21' WIDE CATCH BASIN	CITY OF RIVERSIDE STANDARD405	1 EA.
12	M.H. JM	CITY OF RIVERSIDE STANDARD 432	— EA.
13	A.C. PAVEMENT		90 TONS
14	CURB AND GUTTER REMOVAL AND REPLACEMENT	PER STANDARD 200	142 L.F.
15	SEWER LATERALS TO BE MODIFIED		6 EA.
16	SEWER LATERAL CONCRETE ENCASEMENT		50 L.F.
17	J.S. NO. 4	CITY OF RIVERSIDE STANDARD 423	1 EA.
18	M.H. E.Z.	CITY OF RIVERSIDE STANDARD 431	— EA.
19	M.H. AX	CITY OF RIVERSIDE STANDARD 430	— EA.
20	45" CONCRETE BULKHEAD		— EA.
21	39" CONCRETE BULKHEAD		— EA.
22	J.S. B	CITY OF RIVERSIDE STANDARD 421	— EA.
23	12" RCP		— L.F.
24	AGGREGATE BASE MATERIAL		55 C.Y.
25	BACK WATER VALVE		2 EA.
⚠2 26	75" R.C.P. (D-900)		240 L.F.

TWO DAYS BEFORE YOU DIG
CALL U.S.A. UNDERGROUND ALERT
TOLL FREE 1-800-422-4133

McCUTCHAN CO., INC.
265 N. SAN GABRIEL BLVD. (818) 795-5162
PASADENA, CALIFORNIA 91107

Approved: Gerald E. Tuft 2/12/85
GERALD E. TUFT R.C.E. 14378 Date

MARK	REVISIONS	APP'D	DATE
⚠3	CHANGED 72" to 75" R.C.P.	WK	8-29-85
⚠2	REVISION #1 REVISED	WK	8-11-85
⚠1	LATERAL REMODELING REVISED	WK	7-18-85

DESIGNED BY WK DRAWN BY DB CHECKED BY GLT

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

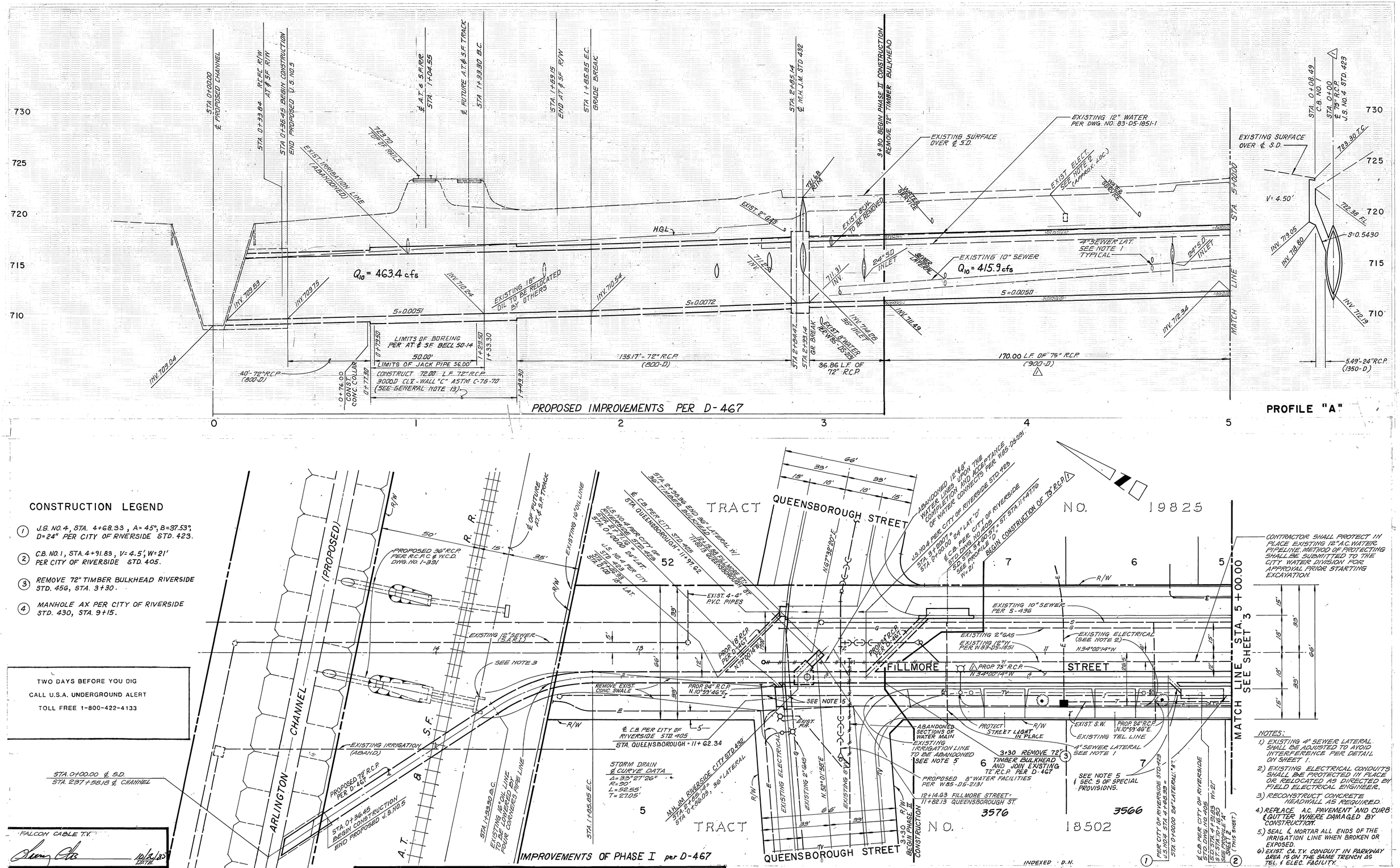
	APPROVED BY	DATE	BY
PRINCIPAL ENGINEER		12/11/85	
PARK DEPARTMENT		—	—
TRAFFIC DIVISION		—	—
CHIEF P.W. ENGINEER		—	—
INSPECTION		8-8-84	

APPROVED BY William D. Gardner
PUBLIC WORKS DIRECTOR
DATE 12-10-85

FILLMORE STREET
STORM DRAIN
PHASE II
TITLE SHEET
STA. 3+30 TO 8+07.13

SCALE: AS SHOWN

INDEXED P.N.
ACCOUNT NO.
D-478
SHEET 1 OF 3
M 305-1101



FALCON CABLE T.V. — 10/2/85 DATE

PUBLIC UTILITIES DEPT.-ELECT. UNDERGROUND AND OVERHEAD — CHIEF UTILITIES ENG'R. — 10/3/85 DATE

PACIFIC BELL CO. — 9-30-85 DATE

SOUTHERN CALIFORNIA GAS CO. — 9-13-85 DATE

CITY OF RIVERSIDE DOMESTIC WATER — by — APPROVED — 9-23-85 DATE

McCUTCHAN CO., INC.
265 N. SAN GABRIEL BLVD. (818) 795-5162
PASADENA, CALIFORNIA 91107

Approved: GERALD E. TUTT R.C.E. 14375 — 9-12-85 Date

△ CHANGE 72" to 75" R.C.P. — 8-29-85 — WK — DB — 12/2/85 William D. Gardner — INSPECTION — 12-10-85

FILLMORE STREET STORM DRAIN
PHASE II
STA. 3+30 TO STA. 5+00

D-478

SHEET 2 OF 3

20' — 4'

M 305-1101

730
725
720
715
710

STA. 5+00.00

MATCH LINE

5+20.00 CONST. CONC. COLLAR PER STD. 224 END 75" R.C.P. DEG. 72" R.C.P.

EXISTING ELEC. (SEE NOTE 2) Approx. L.O.C.

WATER SERVICE

EXISTING 10" SEWER

PROPOSED 75" STORM DRAIN

Q_{10} = 405.5 cfs

SEWER LATERAL

7+08.33 ℄ 724.15 *
12"W 4" SWR
6+95.68 ℄

7+32.88 FL. 6+75.64 P.R.C.

7+52.30 FL. 6+92.30 E.C.

7+58.33 ℄ 724.51 *

EXISTING SURFACE OVER ℄ S.D.

H.G.L.

8+07.13 T.C. 725.46 *

EXISTING TOP OF S.W.'LY CURB (8" CURB FACE)

EXIST. 8" W.C.P. SEE NOTE 3

8+58.33 ℄ 725.20 *

EXISTING 8" SEWER

PROPOSED 72" STORM DRAIN

S=0.0050

7.0' 24" R.C.P.

8+07.13 END PHASE II CONSTRUCTION. REMOVE P.C.C. BULKHEAD @ END OF EXIST. 72" R.C.P.

70.00 L.F. OF 75" R.C.P. (900-D)

737.13 L.F. OF 72" R.C.P. (800-D)

9+08.33 P.C. 726.35 * STA. 9+10.00 ℄ M.H. AX, STD. 430 USE LOCKING M.H. COVER.

EXISTING 12"W. WATER PER DWG. NO. 83-05-1851-1

9+58.33 ℄ 726.49 *

9+68.33 T.C. 727.79 *

10+08.33 T.C. 728.34 *

10+58.33 T.C. 729.67 *

EXISTING 10" SEWER

Q_{10} = 405.5 cfs

FUTURE 72" STORM DRAIN INV. 714.38 INV. 714.40

242.87 L.F. OF 72" R.C.P. (FUTURE) (800-D)

STA. 11+00.00

MATCH LINE

7.5' 24" R.C.P.

5000 L.F. of 72" R.C.P. (D-1000)

5 6 7 8 9 10 11

CONSTRUCTION LEGEND

(5) TIMBER BULKHEAD PER STD. 456 D=72"

CONTRACTOR SHALL PROTECT IN PLACE EXISTING 12"A.C. WATER PIPELINE METHOD OF PROTECTING SHALL BE SUBMITTED TO THE CITY WATER DIVISION FOR APPROVAL PRIOR STARTING EXCAVATION.

WYBOURN AVENUE

66'
33' 33'
15' 18' 18' 15'

EXISTING 8" SEWER

TRACT NO. 19825

TRACT NO. 3669

TRACT NO. 18502

TRACT NO. 8909

TRACT BOUNDARY

SEE SHEET 2 MATCH LINE STA. 5+00.00

66' 33' 18' 15'

R/W

U/LS 6796

F.H.

EXISTING 2"GAS

EXISTING 10" SEWER PER S-496

EXISTING 8" SEWER PER S-702

FILLMORE STREET

EXISTING 12"W PER W 83-05-1851

EXISTING ELECT (SEE NOTE 2)

PROP. 72" R.C.P.

PROP. 75" R.C.P.

EXIST. CURB AND GUTTER per C/R PLAN R-2513

EXIST. CURB AND GUTTER per C/R PLAN R-1882

EXIST. C & G PER CITY OF RIVERSIDE PLAN R-1882

FUTURE 72" STORM DRAIN

EXISTING 12"W. PER 67-762

EXISTING IRRIGATION LINE TO BE ABANDONED SEE NOTE 4

PROTECT STREET LIGHT IN PLACE

4" SEWER LATERAL SEE NOTE 1

STORM DRAIN CURVE DATA
Δ=10°28'31"
R=92'
L=16.46'
T=8.25'

EXISTING TEL. LINE

℄ EXIST. D/W STA. 7+56.03

℄ EXIST. D/W STA. 7+97.83

4" SEWER LAT. SEE NOTE 1

4" SEWER LATERAL SEE NOTE 1

℄ EXIST. D/W STA. 8+53.03

℄ EXIST. D/W STA. 9+52.33

EXISTING ELECTRICAL

℄ EXIST. D/W STA. 9+89.33

EXIST. IRRIGATION LINE TO BE ABANDONED SEE NOTE 3

℄ EXIST. D/W STA. 10+20.93

STA. 6+59.99 BEGIN REMOVAL OF EXISTING 8" C&G & REPLACE PER CITY OF RIVERSIDE STD. NO. 200

STA. 6+75.84 P.R.C.

STA. 6+92.90 E.C.

PROTECT IN PLACE EXIST. D/W APPROACH

END PHASE II CONSTRUCTION

EXIST. 8" SEWER PER S-1043

8+07.13 END PHASE II CONSTRUCTION

TRACT BOUNDARY

8 3556 9 3546 10 3536 11 3526 10 9 8 7 6

NOTES:
1. EXISTING 4" SEWER LATERAL SHALL BE ADJUSTED TO AVOID INTERFERENCE PER DETAIL ON SHEET 1.
2. EXISTING ELECTRICAL CONDUITS SHALL BE PROTECTED IN PLACE OR RELOCATED AS DIRECTED BY FIELD ELECTRICAL ENGINEER.
3. SEAL & MORTAR ALL ENDS OF THE IRRIGATION LINE WHEN BROKEN OR EXPOSED.
4. EXIST. CA. TV CONDUIT IN PARKWAY AREA, IS ON SAME TRENCH AS TELE. & ELEC. FACILITIES.

SEE GENERAL NOTE 13
* INDICATES ELEVATIONS FOR W'LY CURB OF FILLMORE STREET (8" CURB FACE)

TWO DAYS BEFORE YOU DIG
CALL U.S.A. UNDERGROUND ALERT
TOLL FREE 1-800-422-4133

PUBLIC UTILITIES DEPT.-ELECT UNDERGROUND AND OVERHEAD
CHIEF UTILITIES ENGR. — DATE 10/3/85

SOUTHERN CALIFORNIA GAS CO. — DATE 9-13-85

PACIFIC BELL CO. — DATE 9-30-85

CITY OF RIVERSIDE DOMESTIC WATER — APPROVED — DATE 9-23-85

FALCON, CABLE TV — APPROVED — DATE 10/2/85

McCUTCHAN CO., INC.
265 N. SAN GABRIEL BLVD. (818) 798-5162
PASADENA, CALIFORNIA 91107

Approved: GERALD E. TUTT R.C.E. 14376 — Date 9-12-85

MARK	REVISIONS	APPR.	DATE
1	CHANGE 72" TO 75" R.C.P. - ADD CONC. COLLAR	RSE	8-28-85

DESIGNED BY WK DRAWN BY DB CHECKED BY DS

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

	APPROVED BY	DATE	BY
PRINCIPAL ENGINEER			
PARK DEPARTMENT			
TRAFFIC DIVISION			
CHIEF P. W. ENGINEER			
INSPECTION			

APPROVED BY William B. Gardner PUBLIC WORKS DIRECTOR

DATE 12-10-85

FILLMORE STREET STORM DRAIN
PHASE II
STA 5 +00 TO STA. 8+07.13

HORIZ. SCALE: 1" = 20' VERT. SCALE: 1" = 4'

INDEXED D.N.
ACCOUNT NO. D-478
SHEET 3 OF 3
M 305-1101