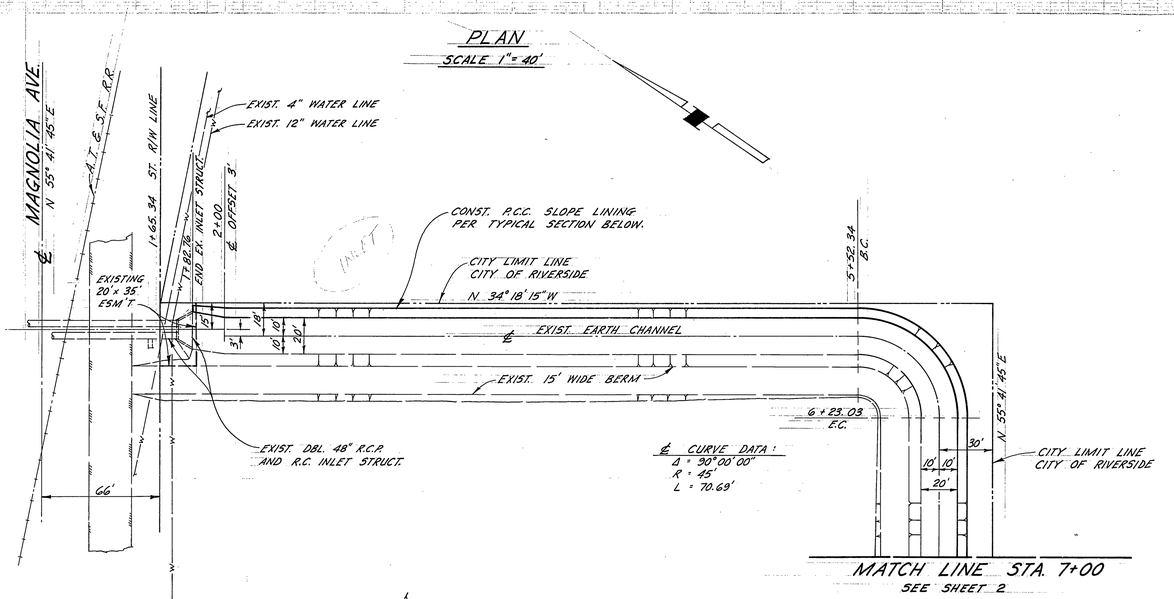
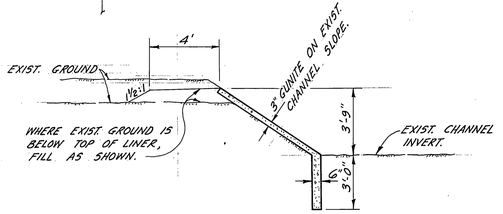
## PLAN
SCALE 1" = 40'




## TYPICAL SECTION - SLOPE LINING (STA. 1+82.76 TO STA. 7+26.77)
SCALE 1/4" = 1'-0"

## QUANTITY ESTIMATE

| | |
|---|---|
| 42" R.C.P., 2000D | 80 L.F. |
| 42" R.C.P., 1350D | 458 L.F. |
| 42" C.M.P., 16 GA. | 16 L.F. |
| 42"ϕ PROTECTION GRATING | 1 EA. |
| CONC. COLLAR | 1 EA. |
| CATCH BASIN TYPE 3, 7' OPENING | 1 EA. |
| P.C.C. SLOPE LINING | 544 L.F. |
| RIP RAP, 12" THK. | 700 S.F. |
| GRADED EARTH DITCH | 120 C.Y. |
| | |
| | |
| | |

## GENERAL NOTES

1. 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.
2. LOCATIONS OF 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.
3. CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF RIVERSIDE, DEPARTMENT OF PUBLIC WORKS, SPECIFICATIONS Nº 461 AND STANDARD DRAWINGS.
4. GRADING WILL REQUIRE A PERMIT UNDER ORDINANCE 3093 FOR A CUT OR FILL EXCEEDING 100 CUBIC YARDS, OR A FILL OVER ONE FOOT IN DEPTH.
5. ~~ALL CONCRETE SHALL BE 3000 P.S.I. PORTLAND CEMENT CONCRETE.~~ ⚠ DELETED. (CONC. STRENGTH COVERED IN CITY SPECIFICATIONS)
6. GALVANIZE ALL METAL PARTS ON DROP INLET AFTER FABRICATION.

CONC. STRENGTH COVERED IN CITY SPECS

REVIEWED AS TO PORTION WITHIN UNINCORPORATED AREA:
B. Douglas Powell
RIVERSIDE COUNTY, CALIF.
FOR ROAD COMMISSIONER
DATE: 6-22-70

BENCH MARK: AT MAY, RIVERSIDE COUNTY, AT THE CROSSING OF THE PACIFIC ELECTRIC RAILWAY, AT THE SIGNAL TOWER IN THE S. FACE OF THE CONC. FD. A STD. DISK STAMPED "H38" 1924 ADJ. ELEV. 688.982

PLANS PREPARED UNDER THE SUPERVISION OF
Jack Mahoney
JACK MAHONEY R.C.E. 14325 DATE 6-7-70

| MARK | REVISIONS | APPR. | DATE |
|---|---|---|---|
| ⚠ | Deleted Gen. Note #5 | MM | 6-13-70 |

DESIGNED BY ____ DRAWN BY ____ CHECKED BY MM

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

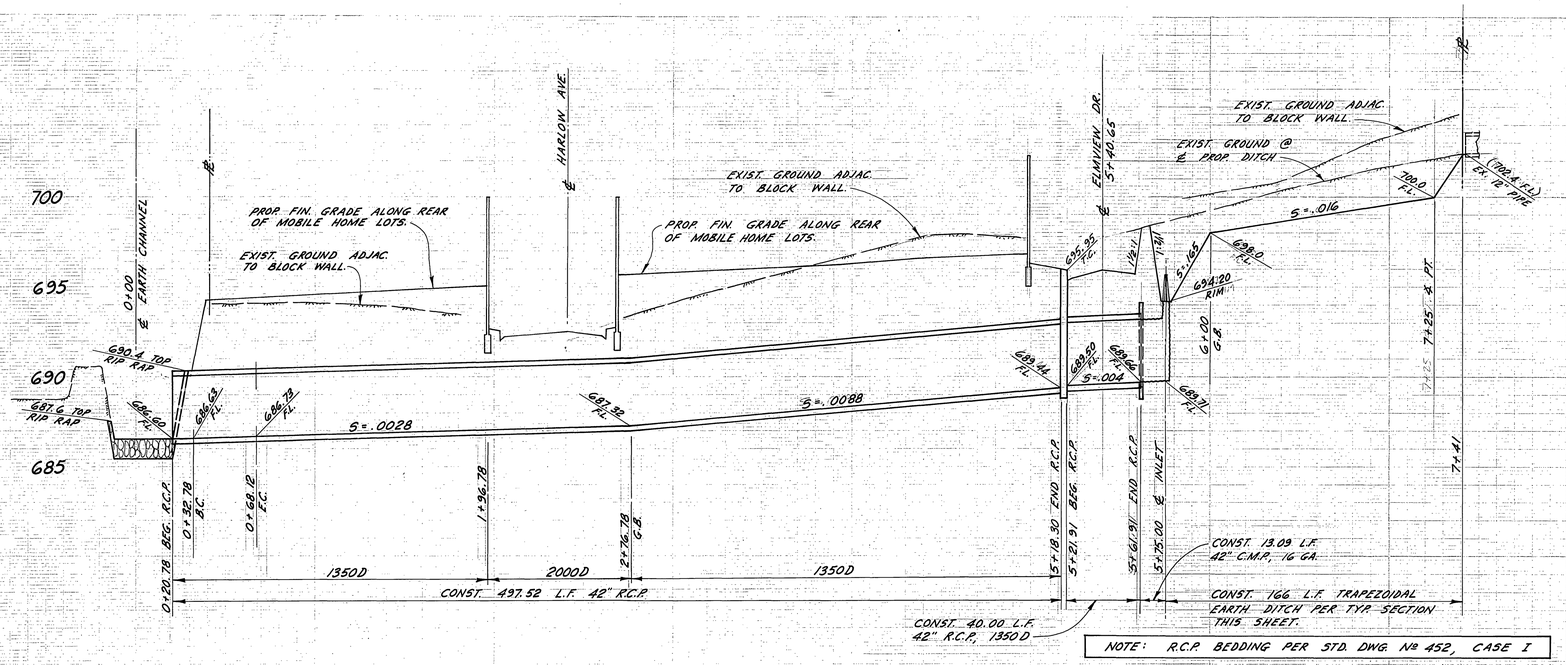
| | BY | DATE |
|---|---|---|
| APPROVED BY OFFICE ENGINEER | [illegible] | 6-29 |
| PARK DEPARTMENT | — | — |
| TRAFFIC DIVISION | — | — |
| ASSISTANT CITY ENG. | [illegible] | 6-29 |

APPROVED BY
DIRECTOR OF PUBLIC WORKS
DATE 6-30-70

# STORM DRAIN
## WEST OF BUCHANAN NORTH OF ELMVIEW
## C - 11 - 690

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

INDEXED m.p.
PROJECT NO. D-207
SHEET 1 OF 2
FILE NO.




NOTE: R.C.P. BEDDING PER STD. DWG. Nº 452, CASE I

## PROFILE

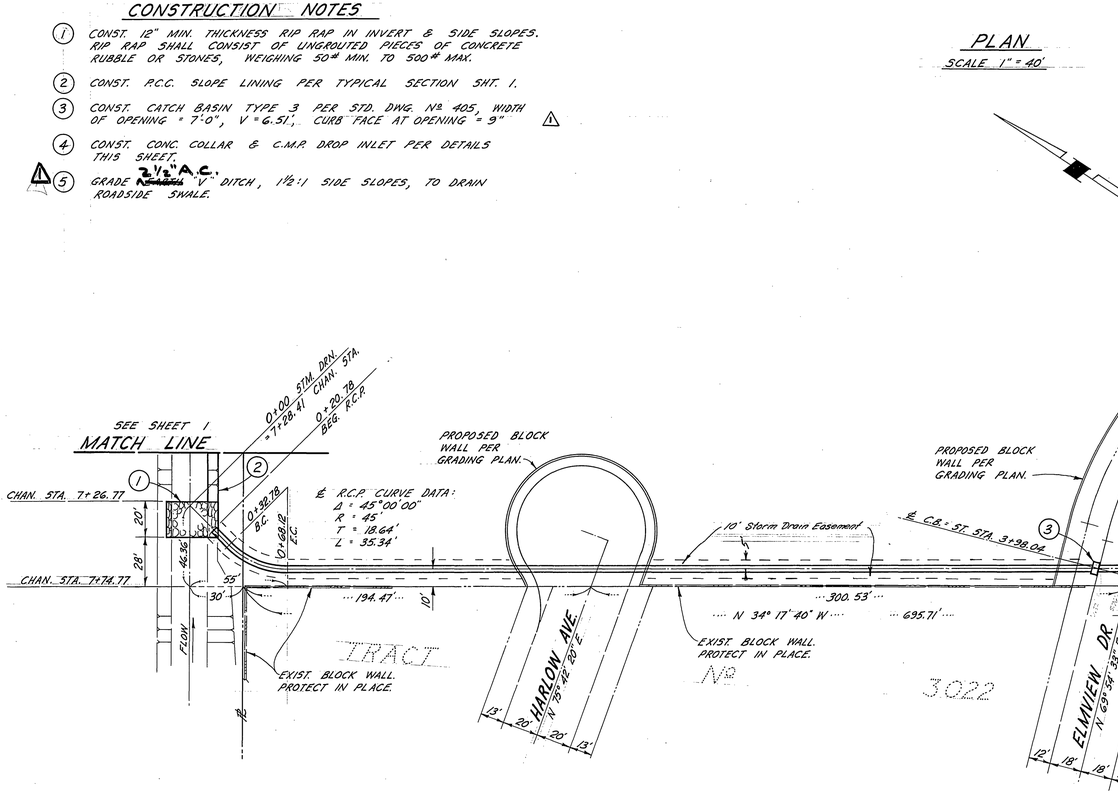
SCALE: 1" = 40' HORIZ.
1" = 4' VERT.

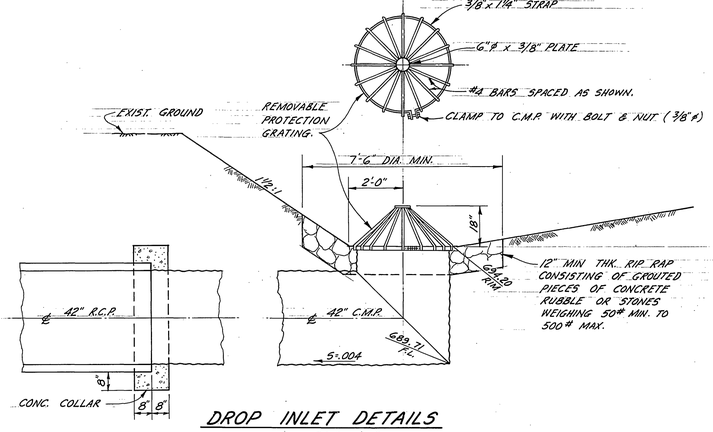
## CONSTRUCTION NOTES

1. CONST. 12" MIN. THICKNESS RIP RAP IN INVERT & SIDE SLOPES. RIP RAP SHALL CONSIST OF UNGROUTED PIECES OF CONCRETE RUBBLE OR STONES, WEIGHING 50# MIN. TO 500# MAX.
2. CONST. P.C.C. SLOPE LINING PER TYPICAL SECTION SHT. 1.
3. CONST. CATCH BASIN TYPE 3 PER STD. DWG. Nº 405, WIDTH OF OPENING = 7'-0", V = 6.51', CURB FACE AT OPENING = 9" ⚠
4. CONST. CONC. COLLAR & C.M.P. DROP INLET PER DETAILS THIS SHEET.
5. ⚠ GRADE 2½" A.C. "V" DITCH, 1½:1 SIDE SLOPES, TO DRAIN ROADSIDE SWALE.

## PLAN

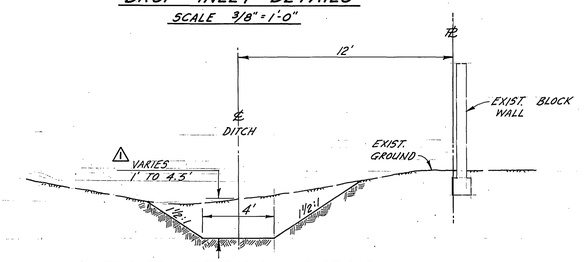
SCALE 1" = 40'




## DROP INLET DETAILS

SCALE 3/8" = 1'-0"




## TYPICAL SECTION - EARTH DITCH

SCALE 1" = 4'

PLANS PREPARED UNDER THE SUPERVISION OF

Jack Mahoney
JACK MAHONEY R.C.E. 14325 — 6-7-70 DATE

| MARK | REVISIONS | APPR. | DATE |
|---|---|---|---|
| ⚠ | Added dim. to typ. sect. earth ditch, added C.F. dim. to const. note #3 | | 6-13-70 |

DESIGNED BY ____ DRAWN BY ____ CHECKED BY JM

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

| | BY | DATE |
|---|---|---|
| APPROVED BY OFFICE ENGINEER | | |
| PARK DEPARTMENT | — | — |
| TRAFFIC DIVISION | — | — |
| ASSISTANT CITY ENG. | | |

APPROVED BY _____ DIRECTOR OF PUBLIC WORKS
DATE 6-30-70

# STORM DRAIN
WEST OF BUCHANAN
NORTH OF ELMVIEW
C - 11 - 690

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

PROJECT NO. D-207
SHEET 2 OF 2
FILE NO.

Nº 3022

S-4537