

MISSING SHEET

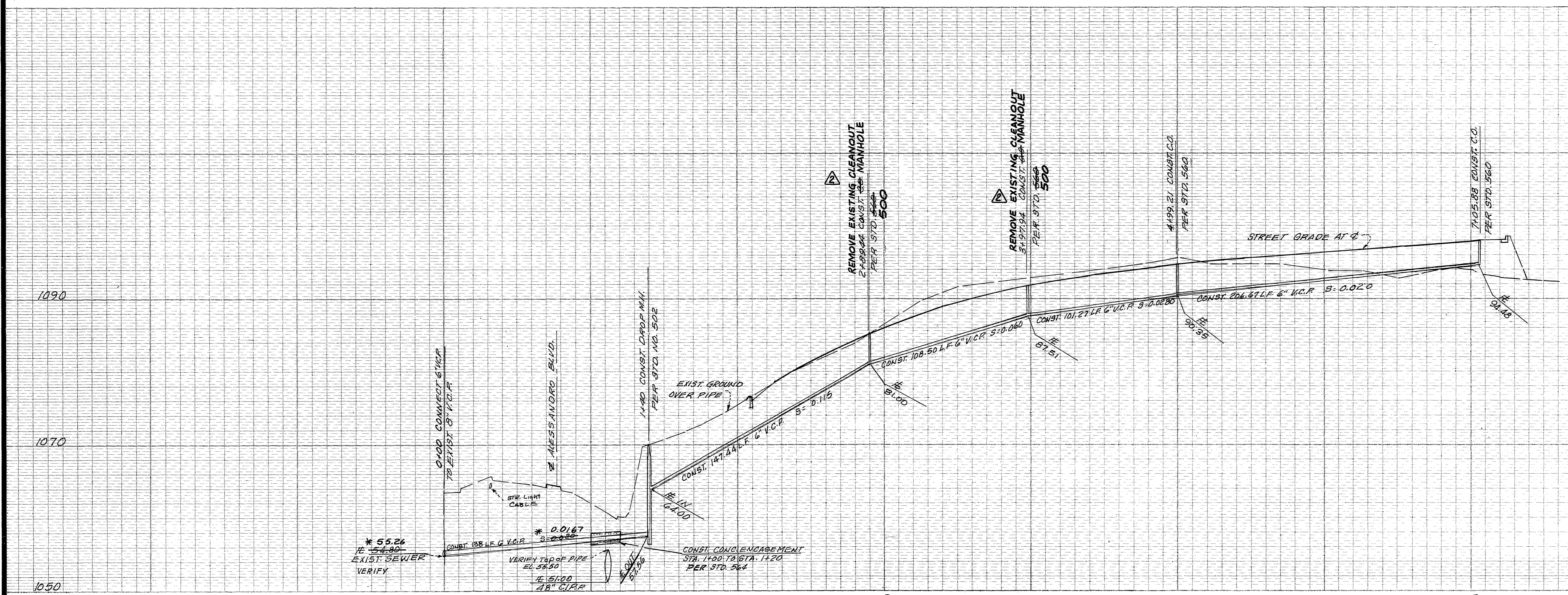
MISSING SHEET

GENERAL NOTES - WATER

- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THESE PLANS AND IN CONFORMANCE WITH THE LATEST REVISIONS OF STD. SPECIFICATIONS NO. 205 FOR WATER DISTRIBUTION SYSTEMS, WATER ENGINEERING DIVISION, CITY OF RIVERSIDE PUBLIC UTILITIES DEPARTMENT, AND APPLICABLE A.W.W.A. STANDARDS AND SPECIFICATIONS, EXCEPT AS NOTED.
- ALL WATER MAINS ARE CL. 150 A.C. PIPE, A.W.W.A. C-400.
- MINIMUM HEIGHT OF COVER OVER WATER MAIN = 3.0 FEET, UNLESS OTHERWISE NOTED.
- THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES, CABLES, OR STRUCTURES SHOWN ON THESE PLANS WERE OBTAINED BY A SEARCH OF AVAILABLE RECORDS. TO THE BEST OF OUR KNOWLEDGE, THERE ARE NO EXISTING UTILITIES EXCEPT AS SHOWN ON THESE PLANS. THE CONSTRUCTION CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES SHOWN, OR ANY OTHER LINES NOT OF RECORD OR NOT SHOWN ON THESE PLANS.
- ALL NECESSARY PERMITS WILL BE TAKEN BY THE CONSTRUCTION CONTRACTOR.
- WATER MAINS SHALL BE SAND BEDDED. NATIVE FREE DRAINING MATERIAL WILL BE ALLOWED ONLY WHEN THE SAND EQUIVALENT IS GREATER THAN 30.
- CONSTRUCTION CONTRACTOR SHALL BULKHEAD MAINS, TEST AND STERILIZE BEFORE TIE-IN IS MADE TO CITY SYSTEMS.

GAS CHLORINATION IS REQUIRED. A MINIMUM OF ONE BACTERIOLOGICAL TEST PER 500 FEET OF MAIN WILL BE REQUIRED FOR TWO CONSECUTIVE DAYS. THE PRESSURE TEST SHALL BE CONDUCTED ONLY AFTER THE BEDDING AND TRENCH BACKFILL HAVE PASSED THE REQUIRED COMPACTION TESTS.

TEST PRESSURE = 200 P.S.I. FOR 2 HOURS. LEAKAGE LIMIT = 30 GAL./IN. DIA./ MILE/24 HOURS.
- CITY FORCES WILL MAKE FINAL TIE-INS FROM EXISTING MAIN AT STATION 0+00 AS NOTED ON THE IMPROVEMENT PLAN.



GENERAL NOTES - SEWER

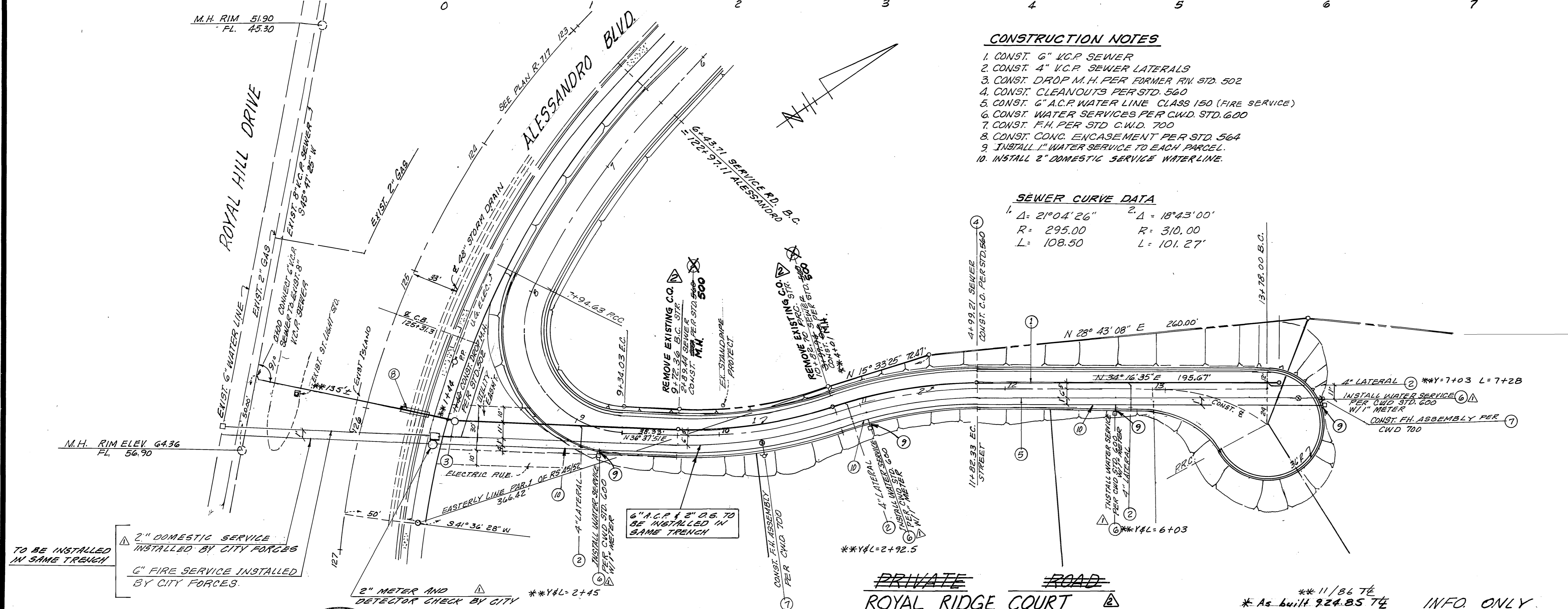
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CLEAR THE RIGHT OF WAY IN ACCORDANCE WITH THE PROVISIONS OF LAW AS IT AFFECTS EACH UTILITY INCLUDING IRRIGATION LINES AND APPURTENANCES AND AT NO COST TO THE CITY.
- CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF RIVERSIDE DEPARTMENT OF PUBLIC WORKS, STANDARD DRAWINGS, AND THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1982 EDITION.
- LOCATION OF LATERALS TO BE DETERMINED IN THE FIELD AT THE DIRECTION OF THE OWNER. AVOID CONFLICT WITH PROPOSED AND/OR EXISTING FACILITIES.
- CONTRACTOR IS TO VERIFY EXISTING SEWER ELEVATION PRIOR TO CONSTRUCTION.
- THE SEWER CONTRACTOR SHALL ADJUST CLEANOUTS TO FINAL GRADE AFTER PAVING IS COMPLETED.
- A PLUG SHALL BE INSTALLED AND WILL REMAIN IN PLACE WHERE THE NEW SEWER CONNECTS WITH THE EXISTING SEWER UNTIL THE NEW SEWER IS ACCEPTED BY THE CITY.
- THE PRIVATE ENGINEER SIGNING THESE PLANS IS RESPONSIBLE FOR ASSURING THE ACCURACY AND ACCEPTABILITY FOR 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.
- THE CONTRACTOR SHALL OBTAIN A SEPARATE CONSTRUCTION PERMIT AND INSPECTION FROM PUBLIC WORKS DEPT.

CONSTRUCTION NOTES

- CONST. 6" V.C.P. SEWER
- CONST. 4" V.C.P. SEWER LATERALS
- CONST. DROP M.H. PER FORMER RIM STD. 502
- CONST. CLEANOUTS PER STD. 560
- CONST. 6" A.C.P. WATER LINE CLASS 150 (FIRE SERVICE)
- CONST. WATER SERVICES PER C.W.D. STD. 600
- CONST. F.H. PER STD. C.W.D. 700
- CONST. CONC. ENCASEMENT PER STD. 564
- INSTALL 1" WATER SERVICE TO EACH PARCEL.
- INSTALL 2" DOMESTIC SERVICE WATERLINE.

SEWER CURVE DATA

| | |
|---------------|---------------|
| Δ = 21°04'26" | Δ = 18°43'00" |
| R = 295.00 | R = 310.00 |
| L = 108.50 | L = 101.27' |



BENCH MARK
FD. PK. NAIL IN SE'LY. CB. RET. AT ALESSANDRO BLVD. AND CHICAGO AVE. FB 846/8
ELEV 1136.542

T.B.M.
T2, BCR 374. 117+75, ALESSANDRO BLVD.
PER P. 717 ELEV 1040.55

As built 924.85 T2 INFO ONLY.

ENGINEER IS RESPONSIBLE FOR REVISION TWO ONLY
REGISTERED PROFESSIONAL ENGINEER
LAWRENCE FRED CALDWELL
No. 39441
City of Riverside
Exp. 12/31/2009

BUILDING DEPARTMENT
By: [Signature] 8-6-82
DATE
FIRE DEPARTMENT
By: [Signature] 7-23-82
DATE

CITY OF RIVERSIDE
DOMESTIC WATER SYSTEM
APPROVED BY:
[Signature] 8/27/82
DATE
WATER SYSTEMS MANAGER
[Signature] 6/16/83

HAWKINS, ROBERTSON & ASSOC.
ENGINEERS & SURVEYORS
[Signature] 6/14/82
DATE
R.C.E. 15016
FOR: ALF JACOBSON

Removed exist. c.o. & const. new
M.H.'s, Added Street Name
Revised WATER METER LOCATION
6/18/83
DATE
DESIGNED BY: GEB. DRAWN BY: GEB. CHECKED BY: GEB.

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT
APPROVED BY: [Signature]
PRINCIPAL ENGINEER
PARK DEPARTMENT
TRAFFIC DIVISION
CHIEF P.W. ENGR.
DATE: 7/25/85

WATER-SEWER IMPROVEMENTS
PRIVATE DEVELOPMENT
ROYAL RIDGE COURT
P.M. 15370
ACCOUNT NO.
DRAWING NUMBER
S-1916
#284
SHEET 3 OF 3
2833-B
SCALE: HORIZ. 1"=40', VERTICAL 1"=8'
RE-INDEXED AS S-1916 7-28-05 LH