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. CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF RIVERSIDE DEPARTMENT OF PUBLIC WORKS, STANDARD DRAWINGS, STANDARD DRAWINGS NO. 10, AND THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, CURRENT EDITION.
3. TRIM EDGE OF EXISTING PAVEMENT WHERE NEW PAVEMENT JOINS TO A SMOOTH, STRAIGHT LINE. CONSTRUCT MATCH-UP PAVING AS SHOWN ON PLAN AND OVERLAY PAVING AS DIRECTED IN THE FIELD TO PRODUCE A SMOOTH SECTION. PRIVATE ENGINEER ESTIMATES OVERLAY TO BE 8 TONS.
4. CURB AND GUTTER SHALL BE STAKED WITH 3' OFFSETS AT 25' INTERVALS.
5. CURB AND GUTTER SHALL BE STAKED WITH 3' OFFSETS AT 12.5' INTERVALS AND TWO ROWS OF NUMBER 3 RE-BAR SHALL BE PLACED IN GUTTER WHERE GRADE IS LESS THAN 0.40%. PLACE 3/4" DOWELL PINS AT ALL EXPANSION JOINTS.
6. LOCATION OF LATERALS TO BE DETERMINED IN THE FIELD AT THE DIRECTION OF THE OWNER, AVOID CONFLICT WITH PROPOSED AND/OR EXISTING FACILITIES.
7. QUANTITIES SHOWN ARE FOR INFORMATION ONLY AND THE CITY OF RIVERSIDE IS NOT RESPONSIBLE FOR THEIR ACCURACY.
8. ANY TRAFFIC CONTROL STRIPING OBLITERATED AND/OR BADLY WORN DURING CONSTRUCTION SHALL BE RESTORED BY THE CONTRACTOR WITHIN FIVE DAYS AFTER NOTIFICATION FROM THE CITY INSPECTORS.
9. FINAL STRIPING FOR TRAFFIC CONTROL AND/OR PAVEMENT MARKING IS TO BE THE RESPONSIBILITY OF THE DEVELOPER.
10. ALL FLAGGED ELEVATIONS SHALL BE STAKED IN THE FIELD BY THE PRIVATE ENGINEER.
11. THE SEWER CONTRACTOR SHALL ADJUST MANHOLES TO FINAL GRADE AFTER PAVING IS COMPLETED.
12. THE DEVELOPER AND/OR CONTRACTOR SHALL CONTACT THE PUBLIC WORKS DEPARTMENT 30 DAYS PRIOR TO BEGINNING CONSTRUCTION TO NEGOTIATE THE COST OF THE CITY'S PORTION OF THE WORK.
13. THE PRIVATE ENGINEER SIGNING THESE PLANS IS RESPONSIBILE 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.

GENERAL NOTES (CONTINUED)

14. THE CONTRACTOR SHALL CALL IN A LOCATION REQUEST TO UNDERGROUND SERVICE ALERT (U.S.A.), 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 INDENTIFICATION NUMBER BY U.S.A.
15. 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.
16. ALL TRAFFIC SIGNS SHALL BE INSTALLED PRIOR TO OPENING THE STREETS TO TRAFFIC.
17. ALL RELATED WORK SHALL CONFORM TO THE CITY OF RIVERSIDE, PARK AND RECREATION DEPARTMENT STANDARDS.
18. CONTACT THE PARK PROJECTS INSPECTOR A MINIMUM OF 48 HOURS IN ADVANCE AT 787-7223 TO SCHEDULE INSPECTIONS. INSPECTIONS SHALL BE REQUIRED A) WHEN PLANT LOCATIONS HAVE BEEN SPOTTED IN THE FIELD PRIOR TO DIGGING PLANT PITS, B) WHILE DIGGING PLANT PITS AND PLANTING/RELOCATING TREES, C) AFTER PLANTING AND ALL OTHER INDICATED OR SPECIFIED WORK HAS BEEN COMPLETED FOR START OF MAINTENANCE, AND D) AT END OF MAINTENANCE/FINAL ACCEPTANCE. (CONTRACTOR/DEVELOPER WILL BE RELEASED FROM MAINTENANCE ONLY UPON RECEIPT OF WRITTEN NOTIFICATION FROM THE CITY THAT THE PARK AND RECREATION DEPARTMENT IS ASSUMING MAINTENANCE RESPONSIBILITIES).
19. THE CONTRACTOR/DEVELOPER SHALL MAINTAIN ALL PLANTINGS FOR A MINIMUM PERIOD OF ONE (1) YEAR.
20. STREET TREE PLANTING SHALL BE AS FOLLOWS:

STREET NAME	BOTANICAL NAME/COMMON NAME	MIN SIZE	APPROX. SPACING	NO. REQ.
A. MAGNOLIA AVE.	MAGNOLIA GRANDIFLORA / SOUTHERN MAGNOLIA	15 GAL	45'	4
B.	WASHINGTONIA FILIFERA / CALIFORNIA FAN PALM	RELOCATE TO PIERCE ST. TO SPECIFICATIONS OF THE PARK AND RECREATION DEPT.		3

21. PARK AND RECREATION AND PUBLIC WORKS DEPARTMENT PERMITS ARE REQUIRED PRIOR TO COMMENCEMENT TREE RELOCATION AND/OR REMOVAL WORK. FOR ALL TREES WITHIN THE ULTIMATE PAVEMENT AREA, BACKFILL OF ALL HOLES IS TO BE INSPECTED BY THE CITY FOR PROPER COMPACTION.
22. ALL STREET TREES TO BE AUTOMATICALLY IRRIGATED.
23. INSTALL AND RELOCATE ALL STREET LIGHT FACILITIES AS SHOWN AND IN COMFORMANCE WITH STREET LIGHT SPECIFICATION 119 AND STANDARD DRAWINGS. CONTACT (714) 787-7429 FOR REQUIRED INSPECTIONS.

CONSTRUCTION NOTES AND QUANTITY ESTIMATE

NO.	DESCRIPTION	QUANTITY	UNIT
1	CONST. 4 1/2" A.C. / 15" CRUSHED AGGREGATE BASE PER TYPICAL SECTION & PLAN R-2203	2080 ⚠ ~~1510~~	SF
2	REMOVE & RECONSTRUCT PAVEMENT PER CITY REQUIREMENTS	1	LS
3	PLACE A.C. OVERLAY PER TYPICAL SECTION	1100 ⚠ ~~1135~~	SF
4	CONST. CURB & GUTTER PER CITY STD. NO. 200 (TYPE I - 6" C.F.)	126	LF
5	CONST. CROSS GUTTER INCL. SPANDRELS & CURB ONLY PER CITY STD. NO. 220	1030	SF
6	REMOVE EXIST. CURB & GUTTER	240	LF
7	CONST. P.C.C. SIDEWALK PER CITY STD. 325	3030	SF
8	ADJUST EXISTING SEWER MANHOLE TO GRADE	1	EA
9	CONST. CATCH BASIN PER CITY STD. NO. 405, W = 6.00', V = 4.00' (INCLUDING LOCAL DEPRESSION	1	EA
10	CONST. 18" R.C.P. - 2000 D PER DETAIL ON SHEET 2	50	LF
11	CONST. JUNCTION STRUCTURE "B" PER STD. PLAN NO. 421 (SEE DETAIL ON SHEET 2)	1	EA
12	REMOVE EXIST. CATCH BASIN, ABANDON & PLUG R.C.P.	2	EA
13	RELOCATE EXIST. GUY PER CITY REQUIREMENTS	1	EA
14	RELOCATE EXIST. TRAFFIC SIGN	2	EA
15	RELOCATE EXIST. PALM TREE PER CITY REQUIREMENTS TO PIERCE ST.	3	EA
16	RELOCATE EXIST. STREET LIGHT, STREET LIGHT BOX & CONDUIT PER CITY REQUIREMENTS	1	LS
17	CONST. WHEELCHAIR RAMP (MODIFIED) PER CITY STD. 304 & DETAIL THIS SHEET		EA
18	INSTALL STREET TREES PER CITY OF RIVERSIDE REQUIREMENTS (SEE NOTE 20)	5	EA
19	REMOVE EXIST. MONUMENT SIGN INCL. LIGHTING	1	LS
20	RELOCATE EXIST. ST. LT. TO NEW FOUNDATION PER ITEM #S-8 OF UGS 800 & 801, INSTALL NEW ST. LT. PULLBOX PER ITEM # P1 OF UGS 800, INSTALL NEW 1" HDG CONDUIT W/2 #8 CU 600V CABLES	1	LS

Ⓐ INSTALL R-10A (RT) SIGN (ONE WAY) 1 EA

Ⓑ INSTALL R-1 (STOP SIGN) 36" OCTAGON 1 EA

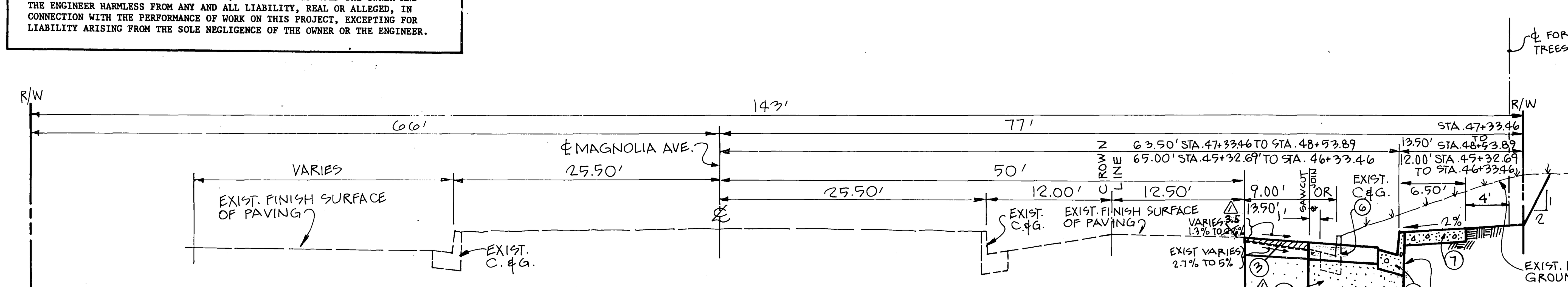
PRIVATE ENGINEER'S NOTICE TO CONTRACTORS

THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THIS PLAN ARE 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 CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT THE UTILITIES SHOWN AND ANY OTHER LINES OR STRUCTURES NOT SHOWN ON THESE PLANS.

ALL CONTRACTORS AND SUBCONTRACTORS PERFORMING WORK SHOWN ON OR RELATED TO THESE PLANS SHALL CONDUCT THEIR OPERATIONS SO THAT ALL EMPLOYEES ARE PROVIDED A SAFE PLACE TO WORK AND THE PUBLIC IS PROTECTED. ALL CONTRACTORS AND SUBCONTRACTORS SHALL COMPLY WITH THE "OCCUPATIONAL SAFETY AND HEALTH REGULATIONS" OF THE U.S. DEPARTMENT OF LABOR, AND THE STATE OF CALIFORNIA DEPARTMENT OF INDUSTRIAL RELATIONS' "CONSTRUCTION SAFETY ORDERS."

THE CIVIL ENGINEER SHALL NOT BE RESPONSIBLE IN ANY WAY FOR THE CONTRACTORS' AND SUBCONTRACTORS' COMPLIANCE WITH THE "OCCUPATIONAL SAFETY AND HEALTH REGULATIONS" OF THE U.S. DEPARTMENT OF LABOR OR WITH THE STATE OF CALIFORNIA DEPARTMENT OF INDUSTRIAL RELATIONS' "CONSTRUCTION SAFETY ORDERS."

CONTRACTOR FURTHER 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 THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR THE ENGINEER.

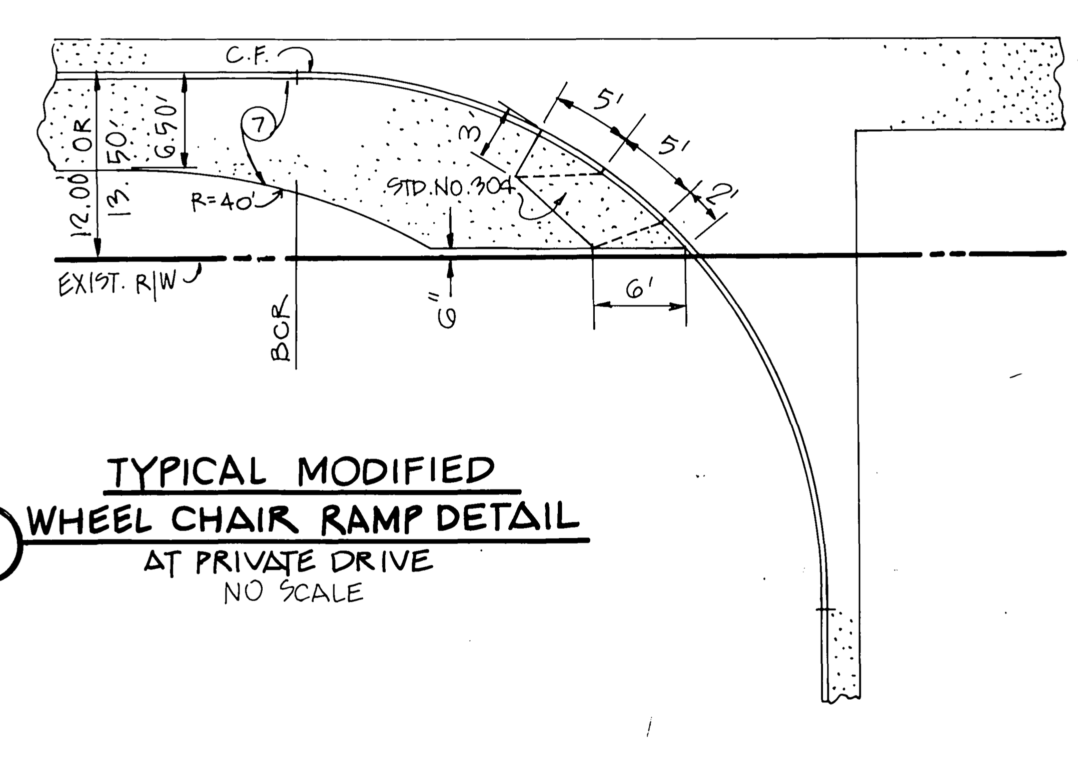


TYPICAL SECTION - MAGNOLIA AVENUE

T.I. = 8

NO SCALE

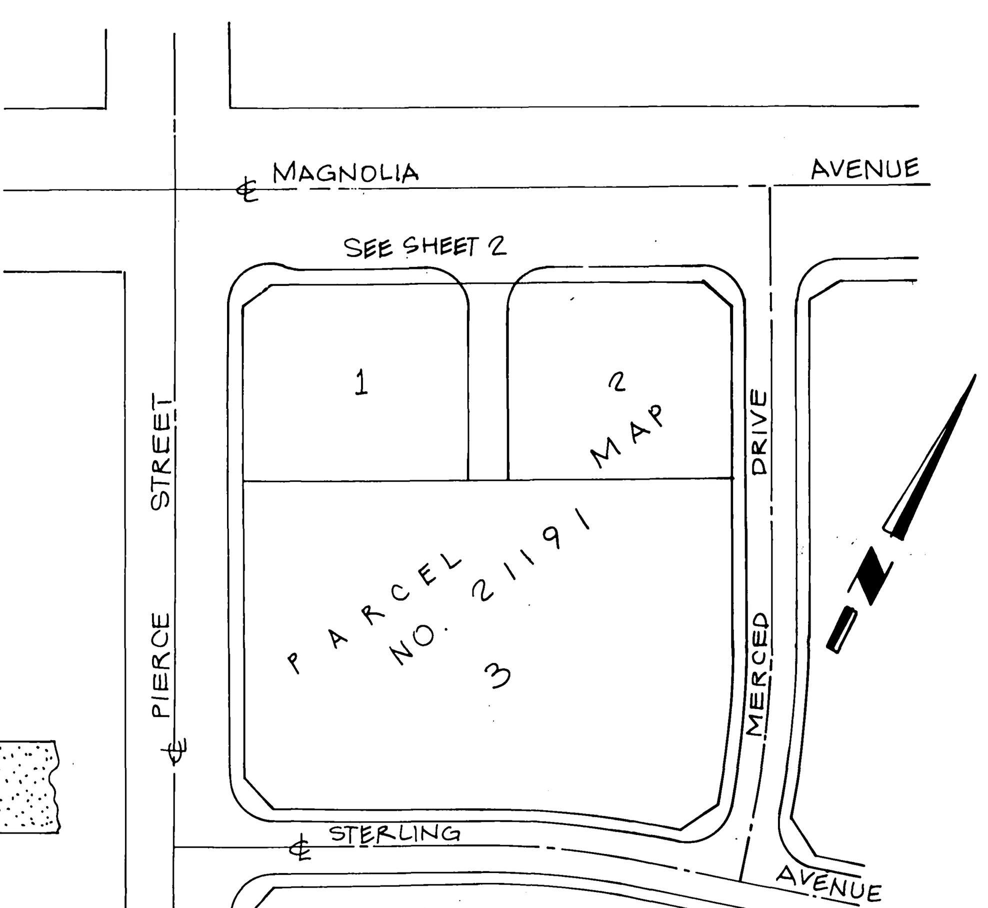
⚠ FULL SECTION REMOVAL & REPLACEMENT FROM STATION 47+00 TO 47+50.



TYPICAL MODIFIED
(17) WHEEL CHAIR RAMP DETAIL

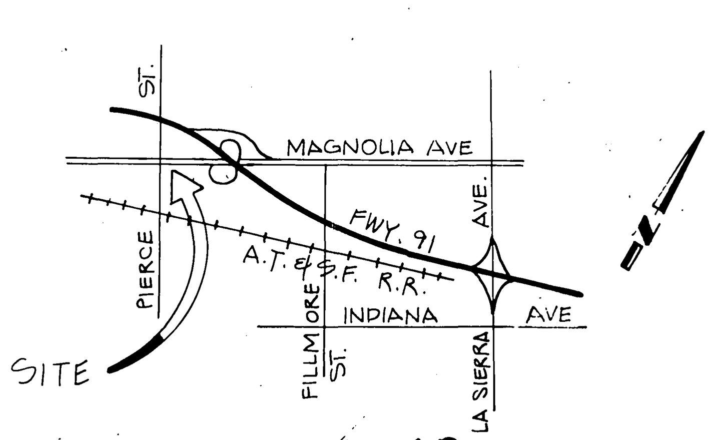
AT PRIVATE DRIVE

NO SCALE



INDEX MAP

SCALE: 1" = 120'



VICINITY MAP

NO SCALE

* As built 6-7-88 TE

INDEXED C.S.

BENCH MARK	CITY OF RIVERSIDE WATER DEPARTMENT	PACIFIC BELL TELEPHONE CO.	CITY OF RIVERSIDE PUBLIC UTILITIES	PLANS PREPARED BY
BENCH MARK: B.M. E-2-J P.K. NAIL & TAG IN N'WLY CB. RETURN OF MAGNOLIA AVE. @ PIERCE ST. CITY OF RIVERSIDE F.B. 739/56 ELEVATION = 694.500	APPROVAL: David V. Garcia 9-12-86 DATE	APPROVAL: BY: J. Panama 2-10-86 DATE	APPROVAL: John Johnson 9/5/86 FOR CHIEF UTILITIES ENGINEER DATE ELECTRIC	RB ENGINEERING 1661 N. RAYMOND AVE., SUITE 200 A ANAHEIM, CALIFORNIA 92801 PHONE (714) 870-1500 EXP 3/89 Robert J. Bell ROBERT J. BELL, R.C.E. 37688 DATE

MARK	REVISIONS	APPR.	DATE
⚠	EXTEND AREA OF PVMT. REMOVAL & REPLACEMENT TO FIT EDGE OF GUTTER REVISE QUANTITIES JSC 8/19/87		8/20/87

DESIGNED BY RB DRAWN BY CM CHECKED BY RB

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

APPROVED BY	DATE	BY
PRINCIPAL ENGINEER	10/30/86	
PARK DEPARTMENT	9-5-86	
TRAFFIC DIVISION	10/29/86	
CHIEF P. W. ENGINEER	10/31/86	

APPROVED BY William D. Gardner
PUBLIC WORKS DIRECTOR
DATE Oct. 31, 1986

STREET AND STORM DRAIN IMPROVEMENT PLAN

TITLE SHEET

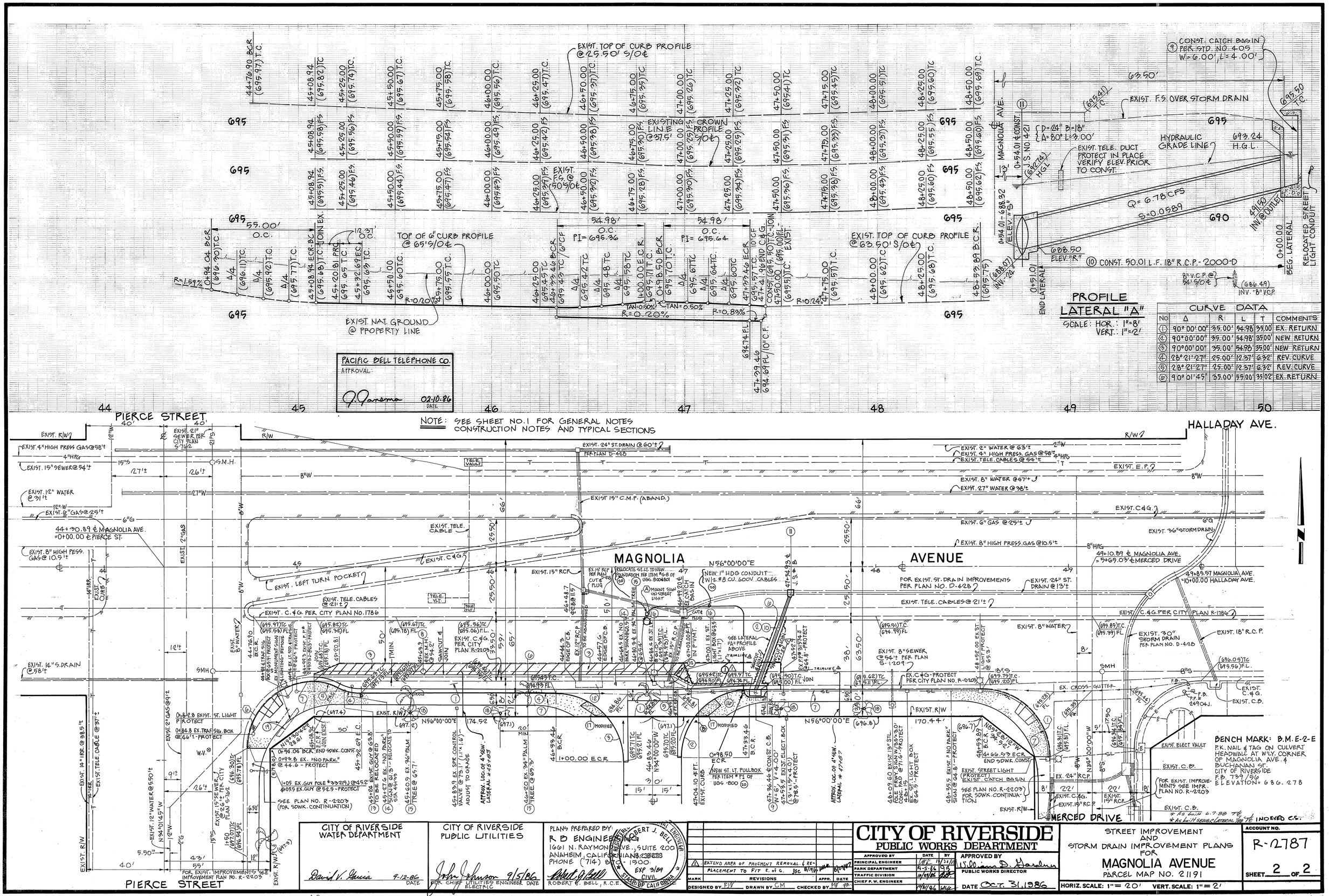
PARCEL MAP NO. 21191

HORIZ. SCALE: 1" = VERT. SCALE: 1" =

ACCOUNT NO. R-2787

SHEET 1 OF 2

W.O. 85-106



CURVE DATA					
NO	Δ	R	L	T	COMMENTS
1	90°00'00"	35.00'	54.98'	35.00'	EX. RETURN
2	90°00'00"	35.00'	54.98'	35.00'	NEW RETURN
3	90°00'00"	35.00'	54.98'	35.00'	NEW RETURN
4	28°21'27"	25.00'	12.37'	6.32'	REV. CURVE
5	28°21'27"	25.00'	12.37'	6.32'	REV. CURVE
6	90°01'45"	35.00'	55.00'	35.02'	EX. RETURN