

UNDERGROUND UTILITY NOTES

- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL ~~VERIFY ALL UTILITIES~~ **PROBES AND CONNECTIONS** AND VERIFY THE LOCATION AND ELEVATION OF ALL UTILITIES AFFECTED. THE ENGINEER SHALL BE NOTIFIED OF ANY DISCREPANCIES BEFORE CONSTRUCTION BEGINS.
- LOCATIONS OF SUBSTRUCTURES AS SHOWN ON PLANS ARE SHOWN FROM THE BEST AVAILABLE INFORMATION. HOWEVER, SUCH LOCATIONS AS SHOWN OR FAILURE TO SHOW EXISTING SUBSTRUCTURES SHALL NOT RELIEVE THE CONTRACTORS FROM THE RESPONSIBILITY OF VERIFYING THE LOCATION AND PROTECTING ALL SUBSTRUCTURES.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT AND MAKE NECESSARY ARRANGEMENTS WITH THE APPROPRIATE UTILITY COMPANIES PRIOR TO THE BEGINNING OF CONSTRUCTION.
- 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 APPLICANT HAS BEEN PROVIDED AN INQUIRY IDENTIFICATION NUMBER BY U.S.A.

GENERAL NOTES FOR STREET TREE PLANTING AND RELOCATION

- All related work shall conform to the City of Riverside Park and Recreation Department Standards and City of Riverside Street Tree Policies.
- When calling for inspections contact the Street Tree Inspector a minimum of 48 hours in advance at (714) 351-6126 to schedule an inspection. A field Notice will be issued as written approval for each stage of inspection. A verbal approval will not be acceptable. Inspections are required:
 - After completion of final grading of the lots and when all utility services and sewer lateral have been marked, but prior to digging plant pits, all final street tree locations are to be spotted in the field by the street tree inspector;
 - While digging plant pits and planting/relocating trees;
 - After planting and all other indicated or specified work has been completed, for start of maintenance;
 - At end of the maintenance period, the contractor/developer shall call the Street Tree Inspector at (714) 351-6126 for a final acceptance inspection in order to be released from maintenance. Developers bonds will not be released until after receipt of written notification from the City that the trees pass final inspection and the Park and Recreation department is assuming maintenance responsibilities;
- ALL STREET TREES ARE TO BE PLANTED PRIOR TO OCCUPANCY.
- The Developer shall be responsible to acceptably maintain all plantings for a minimum period of one (1) year.
- Street tree planting shall be as follows:

Street Name	Botanical Name/Common Name	Min. Size	Approx. Spacing	No. Required
a. Brooks	Lagerstroemia Indica /Crape Myrtle	15 GAL	25'	2
b. Olivewood	Washingtonia/MEXICAN Robusta /Fan Palm (60')	15 GAL	25'	2

- Both a street tree Relocation/Removal permit as issued by the Park and Recreation Department and a Street Opening permit as issued by the Public Works Department are required prior to commencement of tree relocation and/or removal work. For all existing trees within what will ultimately be the Public Right-of-Way pavement area, backfill of all holes must be inspected by the Public Works Inspector for proper compaction.
- All Street Trees must be automatically irrigated, except where adjacent to single family or duplex residential uses.

NOTE: In the interest of public safety and maintenance the Street Tree Inspector shall have the authority to revise the street tree quantities and locations shown on approved plans based upon field conditions found at the time of installation of the trees.

CONSTRUCTION NOTES AND ESTIMATE OF QUANTITIES

- 1/2 L.F. (1) CONSTRUCT CURB & GUTTER PER STD. DWG. NO. 200 (TYPE I, 6" CURB FACE).
- 400 S.F. (2) CONSTRUCT DRIVEWAY APPROACH PER STD. DWG. NO. 302 (TYPE II, A = 30', B = 44').
- 600 S.F. (3) CONSTRUCT DRIVEWAY APPROACH PER STD. DWG. NO. 302 (TYPE II, MODIFIED TO FIT CURVE, A = 30', B = 37').
- 935 S.F. (4) CONSTRUCT PROPERTY LINE SIDEWALK PER STD. DWG. NO. 325.
- 980 S.F. (5) CONSTRUCT 0.21" A.C. OVER 0.35" CRUSHED AGGREGATE BASE OR 0.40" FULL DEPTH A.C. OVER COMPACTED NATIVE. (R-24 PER S.R. #560)
- 2030 S.F. (6) SAWCUT AND REMOVE EXISTING A.C. PAVEMENT.
- 875 S.F. (7) CONSTRUCT VARIABLE THICKNESS A.C. OVERLAY.
- 2 EA. (8) 50' ROBLERIA PALM TO BE RELOCATED AS SHOWN, TO THE SPECIFICATIONS OF THE PARKS AND RECREATION DEPT.
- 3 EA. (9) REMOVE EXISTING TREE.
- 1 EA. (10) REMOVE EXISTING MAILBOX.
- 3 EA. (11) EXISTING WATER METER, WATER SERVICE LINE TO BE CUT & PLUGGED AT MAIN. WATER METER & BOX TO BE SALVAGED BY CITY FORCES.
- 1 EA. (12) CONSTRUCT HANDICAP WHEELCHAIR RAMP PER CITY OF RIVERSIDE STD DWG. NO. 304.
- 3 EA. (13) ADJUST SEWER MANHOLE TO GRADE.
- 1 EA. (14) ADJUST GAS VALVE TO GRADE.
- 2 EA. (15) REMOVE EXISTING CABLE TV RISER.
- 1 EA. (16) EXISTING UNDERGROUND ELECTRICAL CONDUIT TO BE RELOCATED BY CITY ELECTRICAL DEPT. CALL (714) 792-5421 PRIOR TO CONSTRUCTION.
- 2 EA. (17) PROTECT TRAFFIC SIGNAL IN PLACE.
- 2 EA. (18) ADJUST TRAFFIC SIGNAL PULL BOX AND CONDUIT TO GRADE.
- 1 EA. (19) PROTECT EXISTING GAS LINE NOTIFICATION SIGN IN PLACE.
- 95 L.F. (20) EXISTING WHITE CROSS WALK STRIPING TO BE REPLACED IN KIND.
- 55 L.F. (21) EXISTING DOUBLE SOLID YELLOW STRIPING TO BE REPLACED IN KIND.
- (22) EXISTING WATER METER TO BE PROTECTED

LEGEND

- W --- EXISTING WATERLINE (SIZE AS NOTED ON PLAN)
- G --- EXISTING GAS LINE (SIZE AS NOTED ON PLAN)
- D --- EXISTING STORM DRAIN (SIZE AS NOTED ON PLAN)
- S --- EXISTING SEWER (SIZE AS NOTED ON PLAN)
- E --- EXISTING ELECTRIC LINE
- T.C. TOP OF CURB
- FL FLOWLINE
- P --- EXISTING EDGE OF PAVEMENT
- S&R --- SAWCUT & REMOVE EXISTING A.C.
- O --- A.C. OVERLAY

GENERAL NOTES (CONT'D)

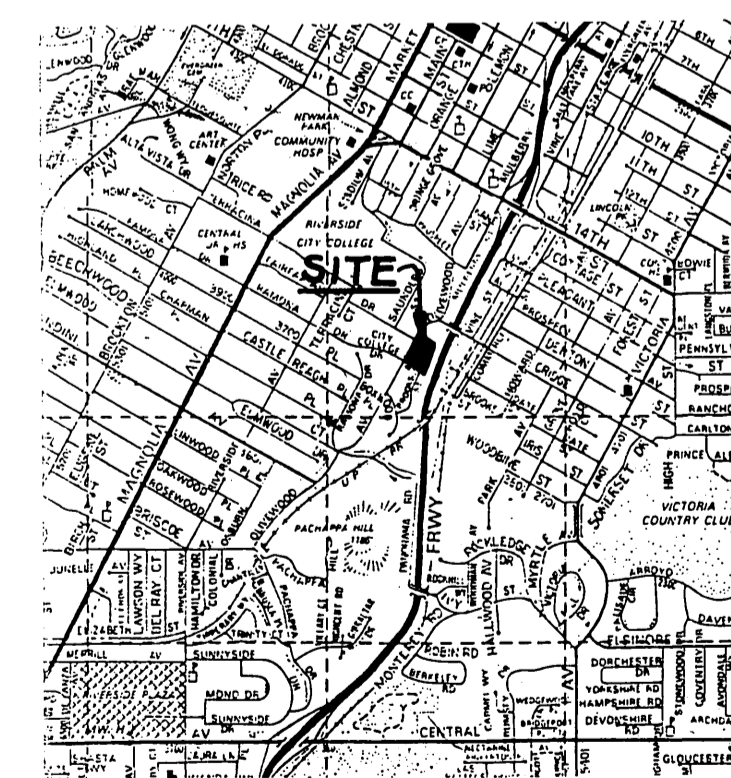
- INSPECTION FEE FOR TRAFFIC SIGNAL MODIFICATIONS WILL BE AT THE RATE OF \$29.35 PER HOUR.
- IN PAVEMENT OVERLAY AREAS, DISTRESSED EXISTING PAVEMENT SHALL BE REMOVED & REPLACED AS DIRECTED BY THE INSPECTOR PRIOR TO OVERLAYING WITH A.C. PAVING.
- QUANTITIES SHOWN ARE FOR INFORMATION ONLY AND THE CITY OF RIVERSIDE IS NOT RESPONSIBLE FOR THEIR ACCURACY.
- DEVELOPER TO GIVE CITY WATER DIVISION FIVE (5) WORKING DAYS WRITTEN NOTICE PRIOR TO START OF CONSTRUCTION AND TO ALLOW CITY TEN (10) WORKING DAYS FOR COMPLETION OF WORK. (714) 351-6150
- SPlicing OF TRAFFIC SIGNAL CONDUCTORS IS NOT ALLOWED.
- CONST. WORK THAT WILL CAUSE DAMAGE TO THE DETECTOR LOOPS SHALL NOT BE PERFORMED UNTIL TRAFFIC SIGNAL MAINTENANCE PERSONNEL HAVE BEEN NOTIFIED AT (714) 792-5789 AND THE NECESSARY TIMING ADJUSTMENTS MADE TO MAINTAIN SIGNAL OPERATION.
- THIS WORK REQUIRES A "STREET OPENING" PERMIT OBTAINED AT THE PUBLIC WORKS COUNTER.

CONSTRUCTION NOTES AND ESTIMATE OF QUANTITIES CONT'D

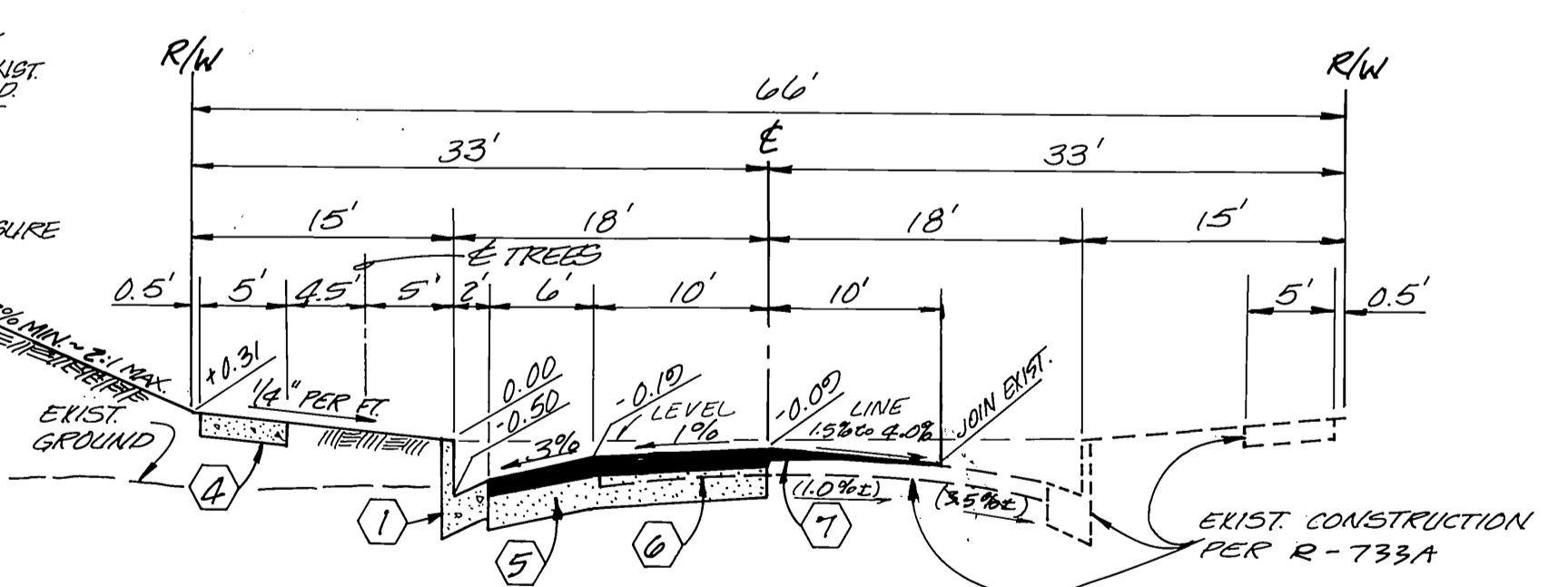
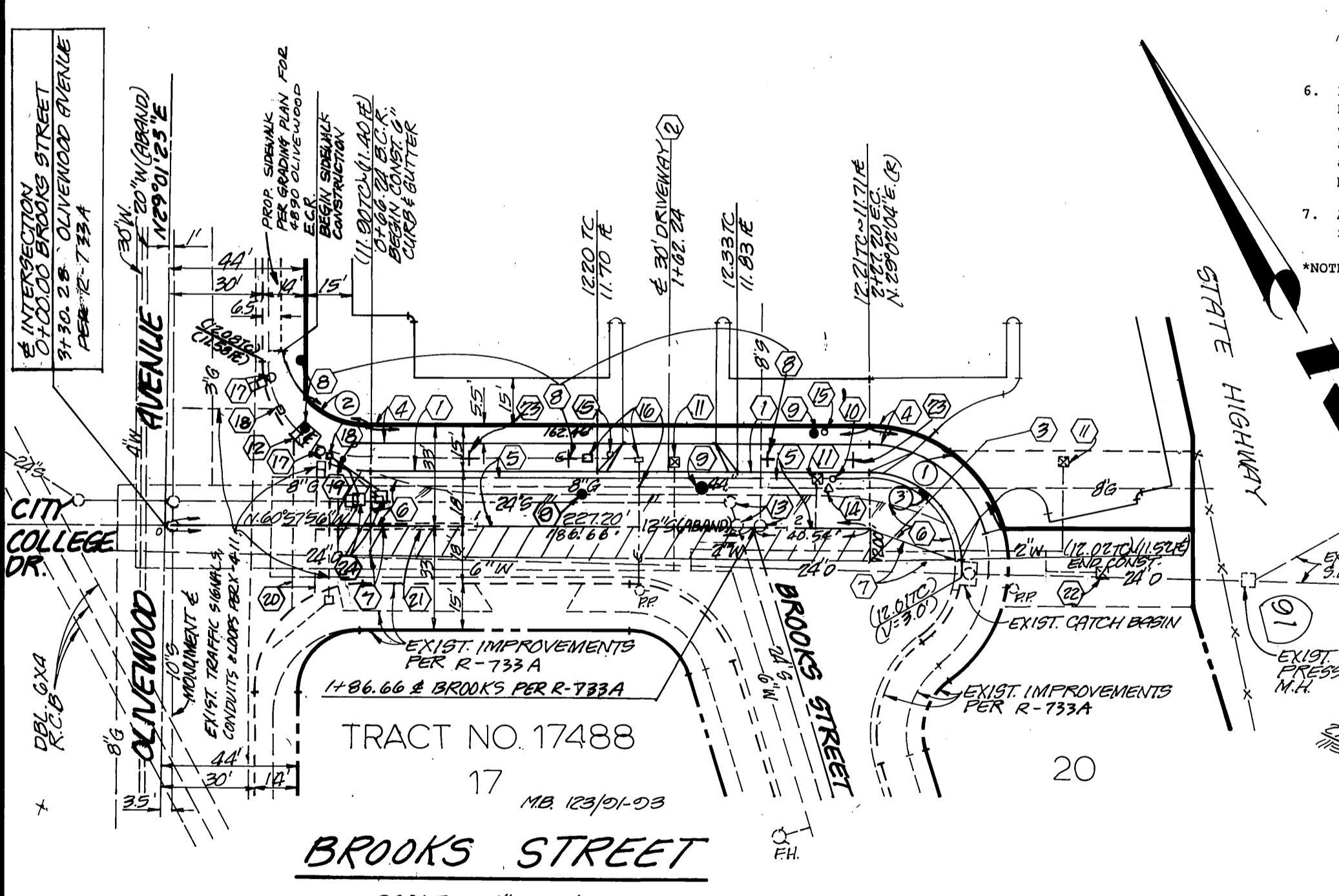
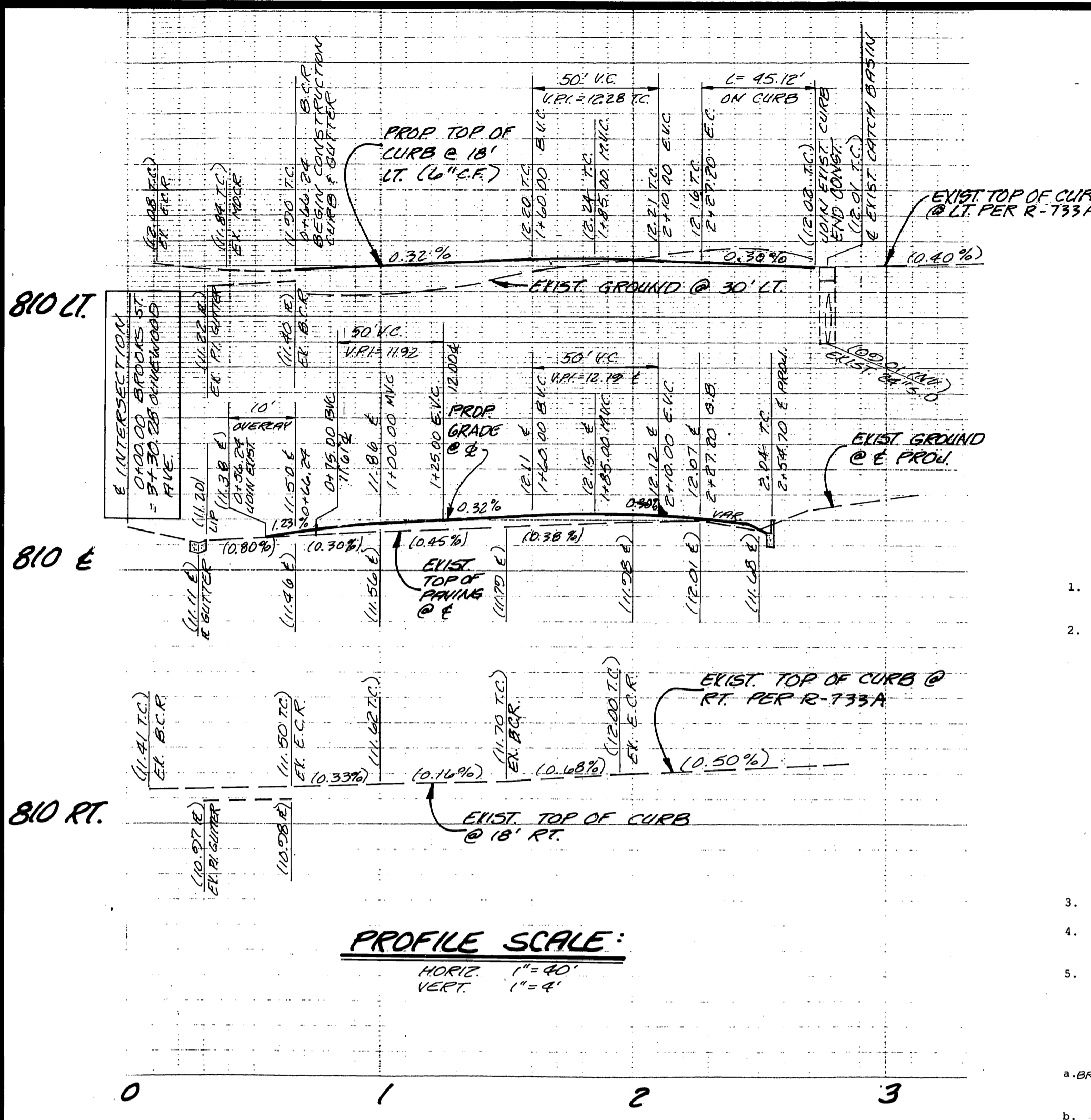
- 2 EA. (23) PLANT STREET TREES AS SHOWN, TO THE SPECIFICATIONS OF THE PARKS AND RECREATION DEPT.
- (24) REPLACE TRAFFIC SIGNAL DETECTION LOOPS.

BENCHMARK EQUATION

SITE BENCHMARK.
PK NAIL & LEAD IN CONC. SLAB AT REAR DOOR OF R.C. COSMETOLOGY BLDG. CITY OF RIVERSIDE P.B. 731/62. ELEVATION: 850.30
THIS PLAN = (ELEVATION 849.83) - CITY PRECISE DATUM



VICINITY MAP
NOT TO SCALE



TYPICAL SECTION

NOT TO SCALE

BROOKS STREET

T.I. = 5
STA. 0+66.24 TO STA. 2+27.20

SO. CALIF GAS CO. BY: 308 GUENGERICH DATE:	CENCOM CABLE TV BY: M. M. I. DATE: 6-14-90	PACIFIC BELL BY: J. J. J. DATE: 6-14-90	Underground Service Alert Call: TOLL FREE 1-800-422-4133 DATE: 7-23-90	PRIVATE ENGINEERING NOTE CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES... DATE: 3-31-94	PREPARED UNDER THE DIRECTION OF: WILLIAM H. ADDINGTON RCE 26008 EXP. DATE 3-31-94 DATE: 5-1-90	J.F. Davidson Associates, Inc. ENGINEERING, PLANNING, SURVEYING, ARCHITECTURE, LANDSCAPE ARCHITECTURE 1091-D, S. Mt. Vernon Avenue, Colton, CA 92324 (714) 825-1082 FAX 714-825-9583 SCALE: AS NOTED BENCH MARK: PK NAIL & LEAD IN CONC. SLAB AT REAR DOOR, R.C. COSMETOLOGY BUILDING, CITY OF RIVERSIDE P.B. 731/62 ELEV.: 850.30	CITY OF RIVERSIDE, CALIFORNIA DEPARTMENT OF PUBLIC WORKS APPROVED BY: Barry Bell DIRECTOR OF PUBLIC WORKS DATE: 10-10-1990	STREET IMPROVEMENT PLAN AND PROFILE FOR 4890 OLIVEWOOD AVENUE, R.C.C. BROOKS STREET PARKING LOT FROM OLIVEWOOD AVENUE TO STA. 2+27.20 ELY. HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 4'	PROJECT NO. R-3165 SHEET 1 OF 1 FILE NO. 89-11782
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