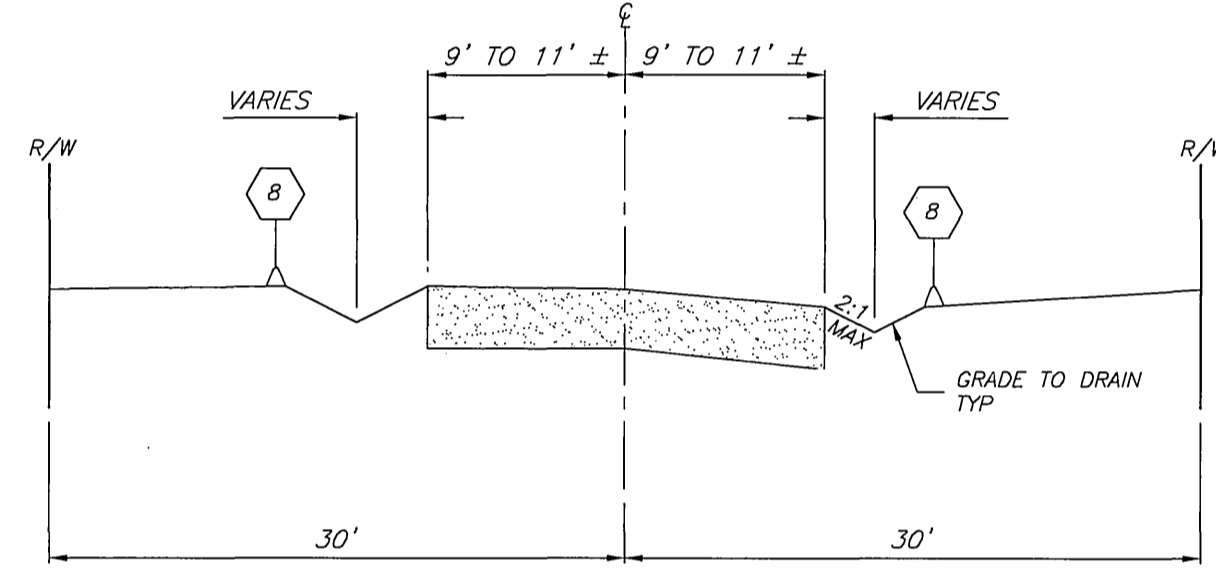


**GENERAL NOTES**

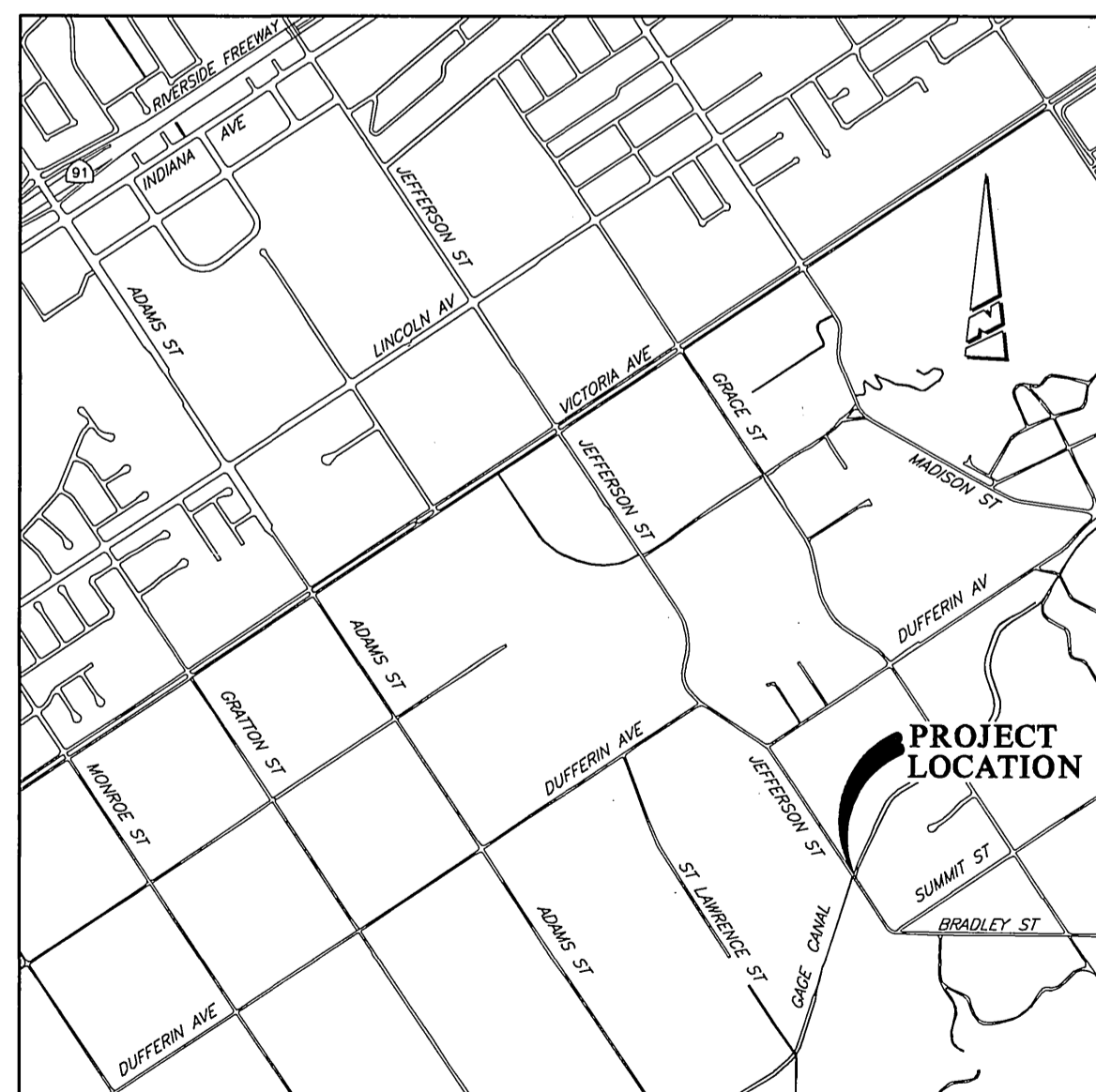
- CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF RIVERSIDE STANDARD DRAWINGS AND STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, CURRENT EDITION.
- STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, CURRENT EDITION. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO LOCATE AND PROTECT ALL UTILITIES WHETHER OR NOT THEY ARE SHOWN ON THIS PLAN. IF THE COVER OF A UTILITY IS KNOWN, IT IS SHOWN IN THE PROFILE. UTILITIES SHOWN IN THE PROFILE AS  $\text{---} \times \text{---}$  INDICATES THAT THE COVER IS UNKNOWN, BUT THE UTILITY IS NOT EXPECTED TO CONFLICT WITH THE PROPOSED IMPROVEMENTS.
- ALL ELEVATIONS SHOWN ON THE PLAN SHALL BE STAKED IN THE FIELD, EXCEPT FOR ELEVATIONS SHOWN IN PARENTHESIS WHICH DENOTE EXISTING GRADES.
- CONFLICTING UTILITIES SHOWN WITHIN CONSTRUCTION AREA WILL BE RELOCATED PRIOR TO CONSTRUCTION.
- TEMPORARY CONSTRUCTION EASEMENTS HAVE BEEN OBTAINED FOR WORK SHOWN OUTSIDE OF CITY RIGHT OF WAY.
- ALL PERMANENT PAVEMENT DELINEATION WILL BE PERFORMED BY CITY FORCES.
- CUT AND FILL SLOPES SHALL BE 2:1 OR FLATTER UNLESS OTHERWISE SHOWN ON THE PLAN.
- WHERE NEW PAVEMENT IS TO JOIN THE EXISTING PAVEMENT, THE EDGE OF THE EXISTING PAVEMENT SHALL BE TRIMMED IN A SMOOTH AND STRAIGHT LINE. CONSTRUCT MATCH-UP PAVING AS SHOWN ON THE PLANS AND OVERLAY PAVING AS DIRECTED IN THE FIELD TO PRODUCE A SMOOTH SECTION.
- THE CONTRACTOR SHALL CALL IN A LOCATION REQUEST TO UNDERGROUND SERVICE ALERT (USA), PHONE # 800-227-2600, TWO WORKING DAYS BEFORE STARTING CONSTRUCTION. NO CONSTRUCTION PERMIT WILL BE ISSUED BY THE PUBLIC WORKS DEPARTMENT UNLESS THE CONTRACTOR HAS BEEN PROVIDED AN INQUIRY IDENTIFICATION NUMBER BY USA.
- IN PAVEMENT OVERLAY AREAS, ANY DISTRESSED EXISTING PAVEMENT SHALL BE REMOVED AND REPLACED, AS DIRECTED BY THE ENGINEER, PRIOR TO OVERLAYING WITH A.C. PAVING.

**CONSTRUCTION NOTES**

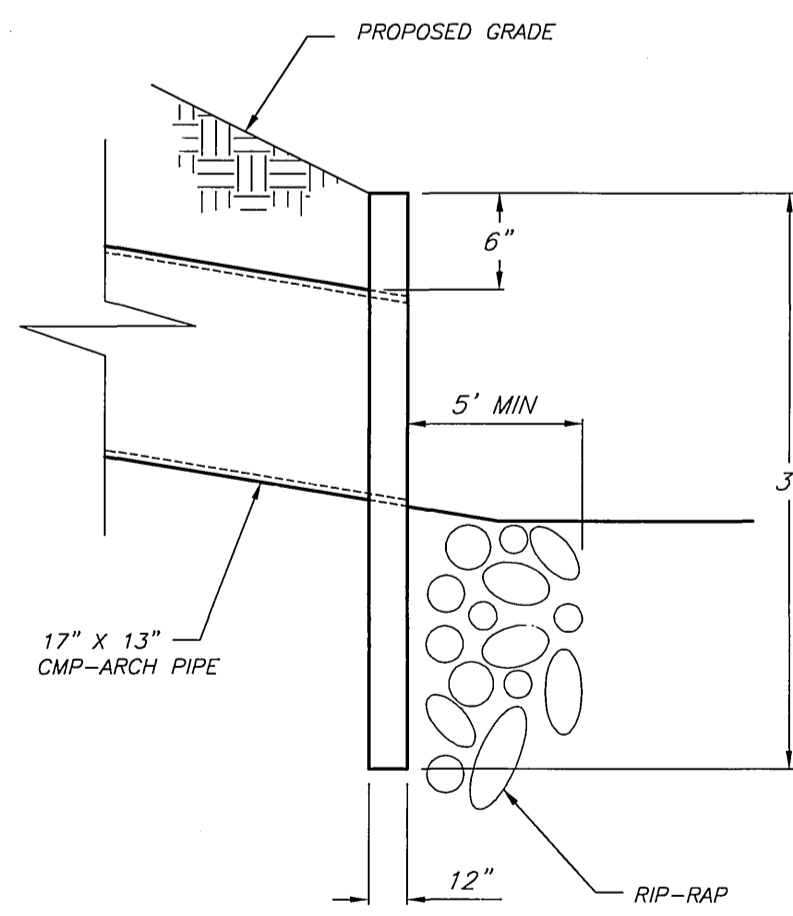
- PLACE 17" X 13" CMP-ARCH (8 GA.).
- INSTALL FLARED CMP END SECTION PER STATE STD DWG D94A. INSTALL A #6 BEBAR ACROSS THE OPENING.
- CONSTRUCT CUT-OFF WALL PER DETAIL SHOWN.
- CONSTRUCT RIP-RAP - PLACE 12" NOMINAL SIZE ROCK FOR OUTLET PROTECTION.
- GRADE V-DITCH AS SHOWN ON PLAN AND AS DIRECTED BY THE ENGINEER.
- SAWCUT AND REMOVE EXISTING AC. CONSTRUCT 8" AC OVER NATIVE.
- PLACE 12" # PLASTIC PIPE SCHEDULE 80.
- CONSTRUCT 1' HIGH EARTHEN BERM.



**TYPICAL SECTION V-DITCH**  
N.T.S.



**PROJECT LOCATION MAP**  
N.T.S.

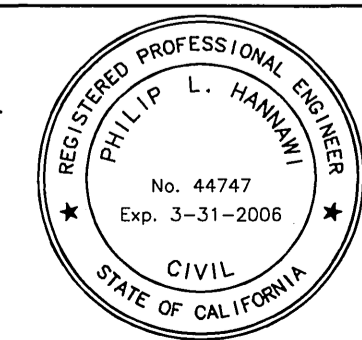


**CUT-OFF WALL DETAIL**  
N.T.S.

**BENCHMARK**  
POINT ID: F6-D2  
P.K. NAIL IN THE SOUTHERLY HEADWALL OF THE DRAIN FLUME ON THE SOUTHERLY SIDE OF THE GAGE CANAL, ON THE WESTERLY SIDE OF JEFFERSON STREET.  
ELEV. - 1007.999

**IMPORTANT NOTICE**  
Section 4216/4217 of the Government Code requires a Dig Alert Identification Number to be assigned before a Permit to Excavate will be valid. For your Dig Alert I.D. Number call CALL TOLL FREE 48 HOURS BEFORE YOU DIG UNDERGROUND SERVICE ALERT 1-800-227-2600

**ENGINEER IN RESPONSIBLE CHARGE**  
Philip L. Haninawi  
R.C.E. No. 44747 expires 3/31/06  
DATE 8/11/04

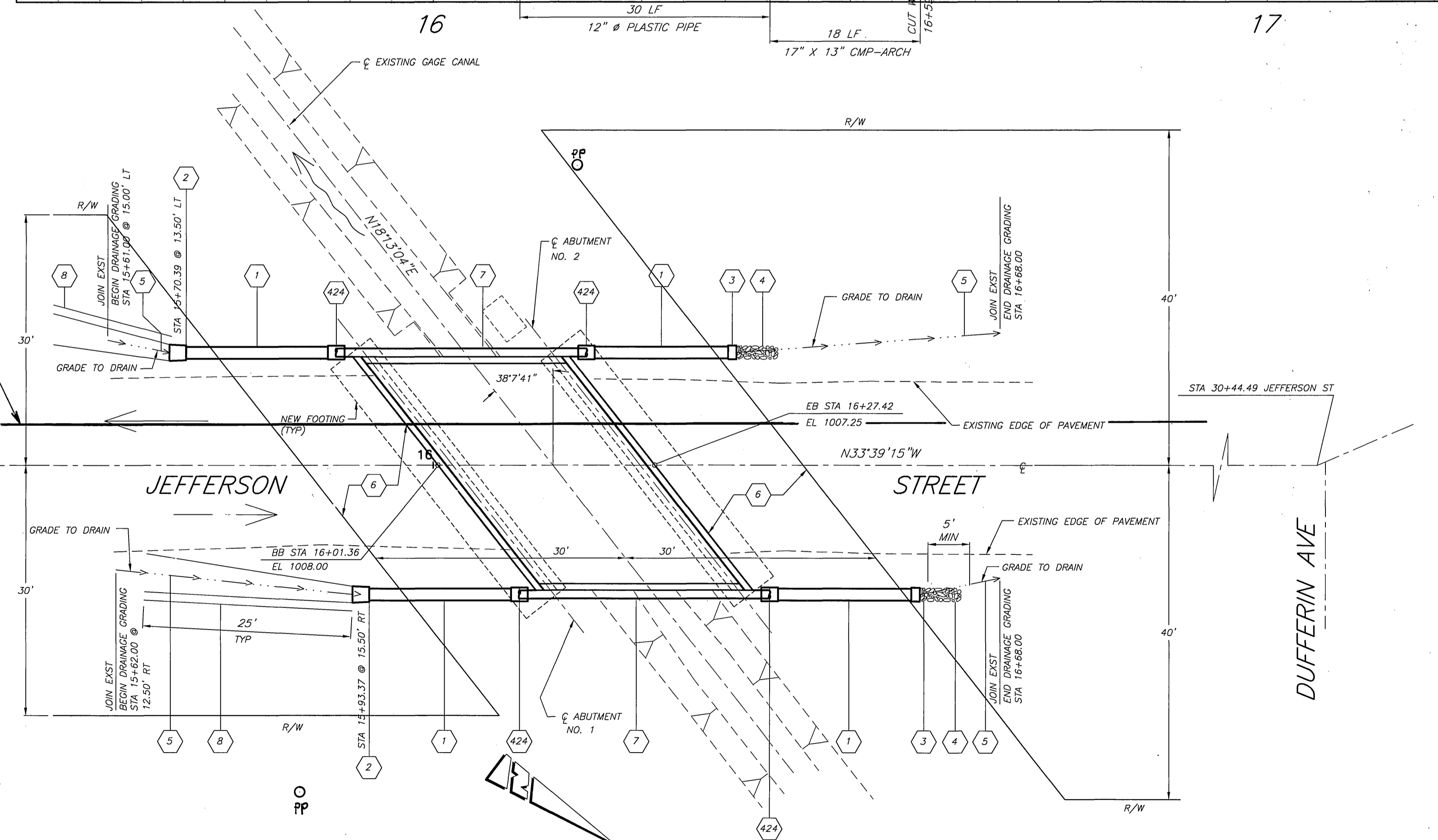
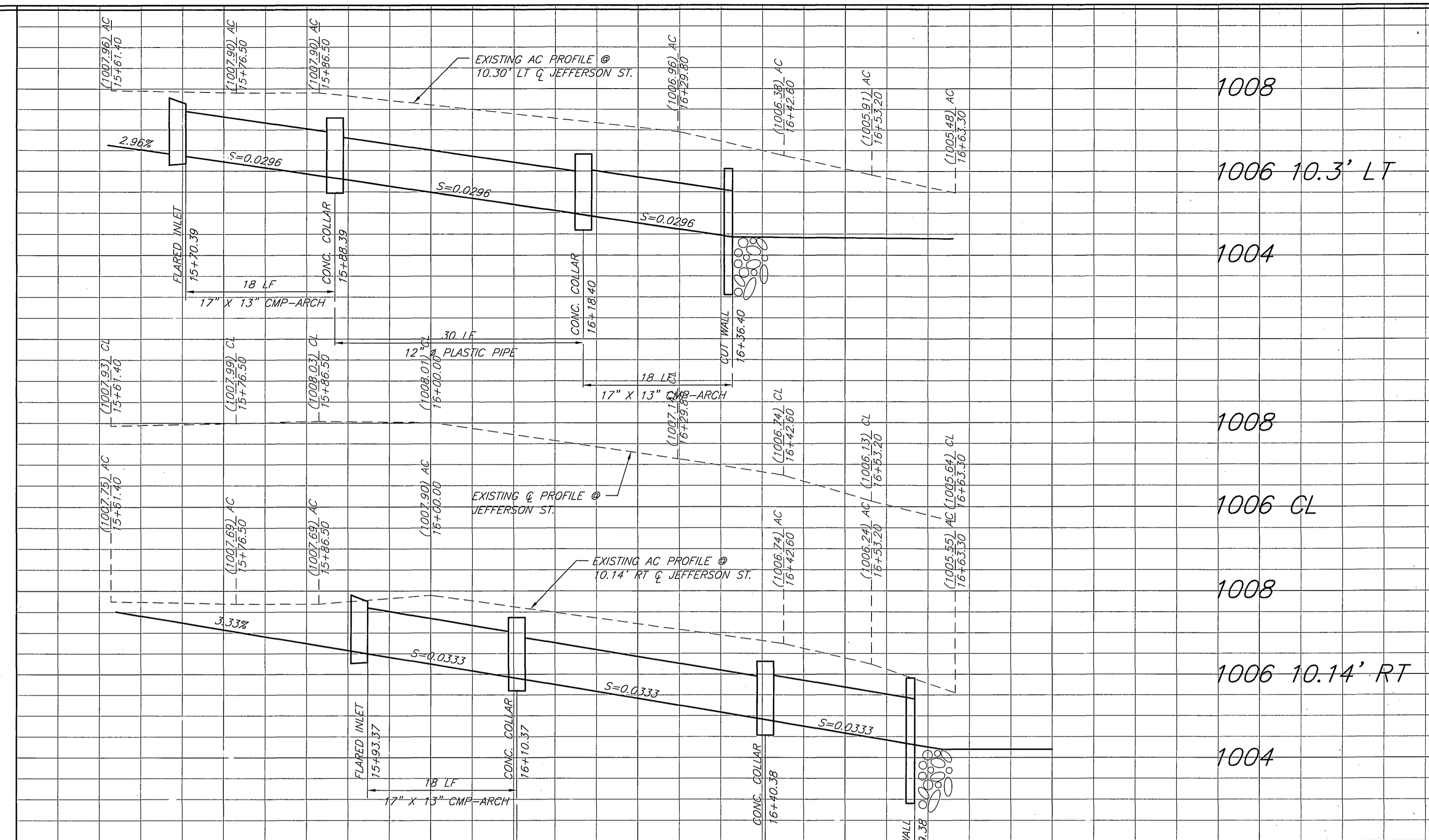


MARK	REVISIONS	APPR.	DATE

CITY OF RIVERSIDE, CALIFORNIA  
PUBLIC WORKS DEPARTMENT  
APPROVED BY: [Signature]  
DATE: 8/11/04  
PRINCIPAL ENGINEER: [Signature]  
STREET SERVICES: [Signature]  
SURVEYOR: [Signature]  
TRAFFIC DIVISION: [Signature]  
INSPECTION: [Signature]

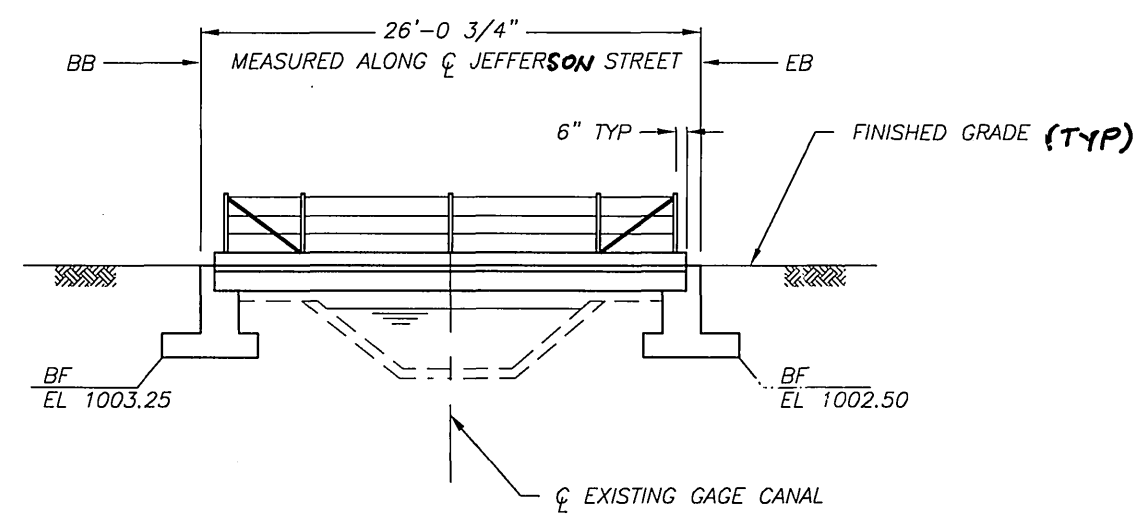
REPLACEMENT OF  
JEFFERSON STREET  
BRIDGE OVER GAGE CANAL  
HORIZ. SCALE: 1" = 10'  
VERT. SCALE: 1" = 2'

ACCT. NO.: 9575327152-440223xx  
R-3789  
SHEET 1 OF 3



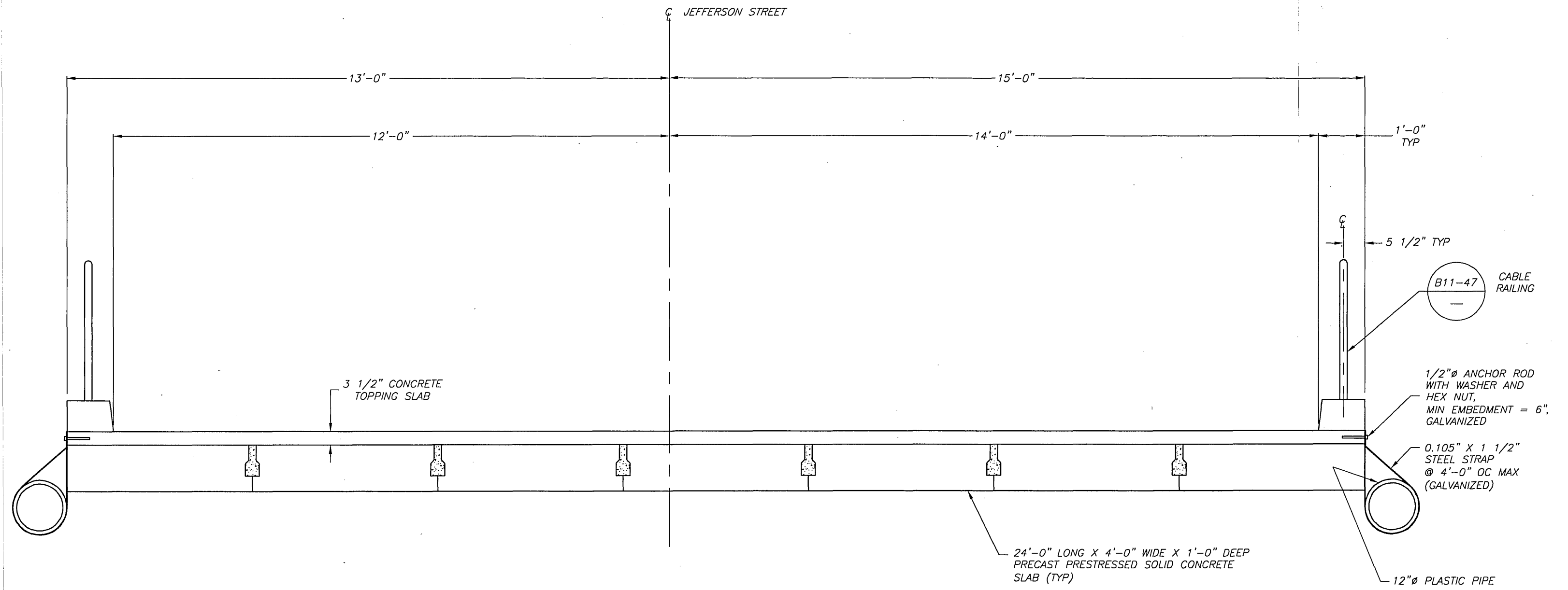
**PLAN**  
1" = 10'

INDEXED B-17-04 gll



**ELEVATION**

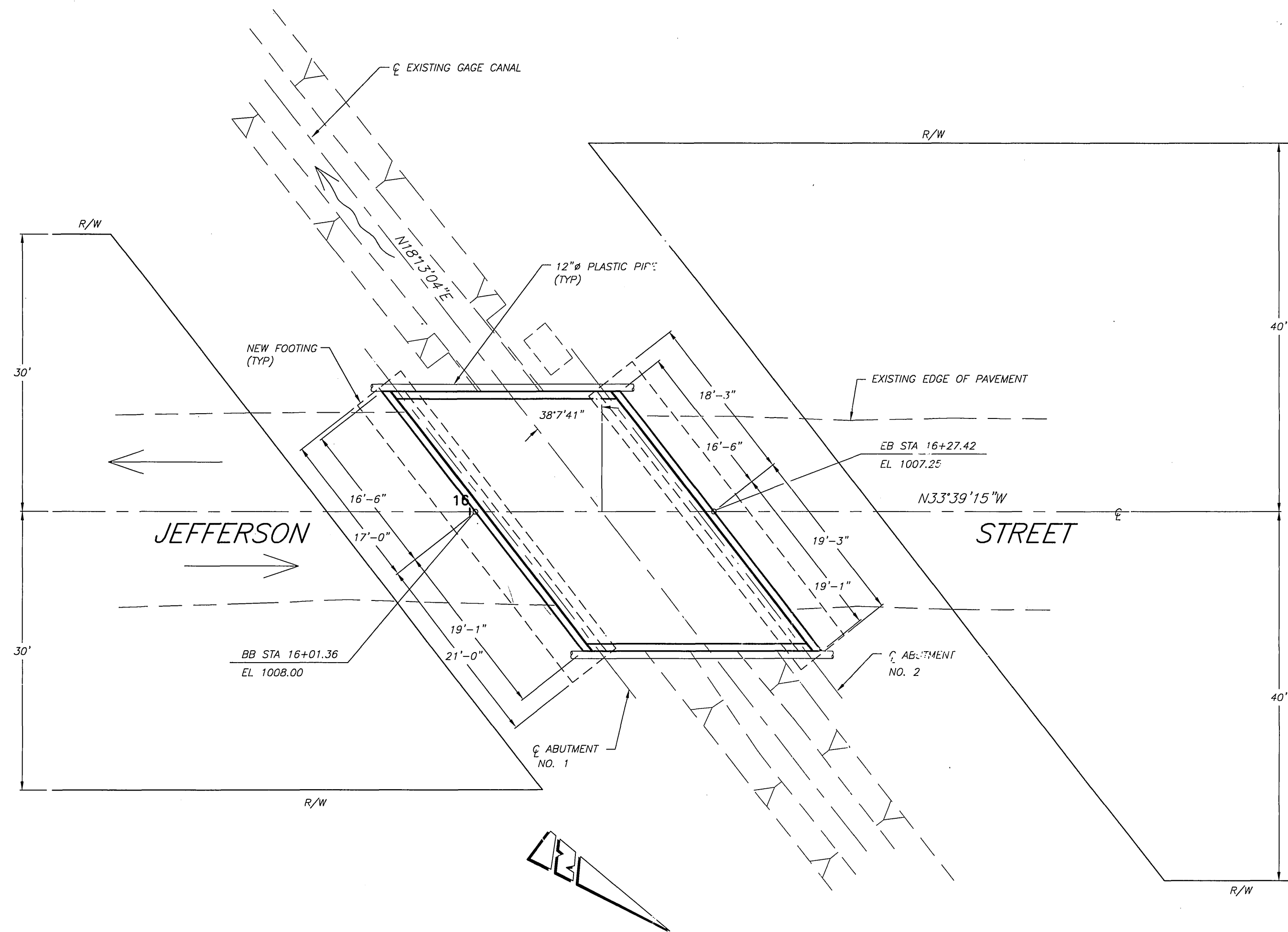
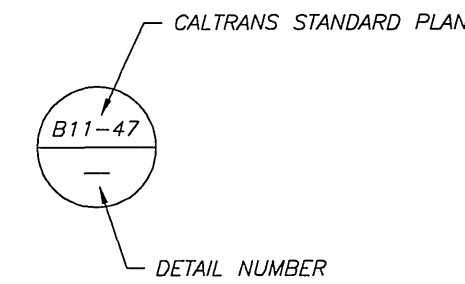
1" = 10'



**TYPICAL SECTION**

1" = 2'

**LEGEND:**



**PLAN**

1" = 10'

**GENERAL NOTES**

- A. PRESTRESSED PRECAST CONCRETE PANELS NOTES:**
- PANELS SHALL BE DESIGNED AND MANUFACTURED IN ACCORDANCE WITH THE LATEST EDITION OF CALTRANS BRIDGE DESIGN SPECIFICATIONS, INCLUDING A FUTURE OVERLAY ALLOWANCE OF 35 LB PER FT<sup>2</sup>. SEE SECTION C, NOTE 2.
  - LIVE LOADING = HS 20-44 WITH 30% IMPACT.
  - SEE SECTION B FOR MATERIALS.
- B. MATERIALS:**
- REINFORCED CONCRETE - MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS SHALL BE:
  - PRECAST CONCRETE PANELS, CAST-IN-PLACE REINFORCED CONCRETE DECKING INCLUDING CONCRETE CURB, ABUTMENTS, AND ABUTMENT FOOTING f<sub>c</sub>=4,000 PSI.
  - REINFORCING STEEL - ALL REINFORCING STEEL SHALL CONFORM TO ASTM A706, GRADE 60. ALL BAR BENDS AND LAP SPLICES SHALL BE IN ACCORDANCE WITH CALTRANS SPECIFICATIONS.
  - PRE-TENSIONING STEEL - ALL PRE-TENSIONING STEEL STRANDS SHALL BE ASTM A416, GRADE 270 LOW RELAXATION STRANDS.
- C. MISCELLANEOUS:**
- THE CONTRACTOR SHALL VERIFY IN ADVANCE ALL PERTINENT DIMENSIONS AND ELEVATIONS THAT MIGHT DIRECTLY AFFECT FABRICATION FOR CONSTRUCTION OF THE WORK. NO PREPARATIONS OF SHOP DRAWINGS NOR FABRICATION OF PRECAST MEMBERS SHALL BEGIN PRIOR TO THE VERIFICATION OF THE FIELD MEASUREMENTS AND CONDITIONS BY THE CONTRACTOR.
  - CONTRACTOR SHALL BE RESPONSIBLE FOR DESIGN AND ERECTION OF ALL PRECAST PRESTRESSED CONCRETE SLABS, FALSEWORK, AND SHORING. CONCRETE SLAB, FALSEWORK AND SHORING SHALL BE DESIGNED BY A PROFESSIONAL ENGINEER, EMPLOYED BY CONTRACTOR, REGISTERED IN THE STATE OF CALIFORNIA, WHO SHALL SIGN AND SEAL HIS PLANS AND SPECIFICATIONS. DESIGN SHALL BE SUBJECT TO REVIEW AND APPROVAL OF THE ENGINEER.

**ENGINEER IN RESPONSIBLE CHARGE**  
**Farshid A. Mohammadi**  
 FARSHID A. MOHAMMADI  
 R.C.E. NO. 51304 EXPIRES 6/30/2006  
 DATE 6/3/04



MARK	REVISIONS	APPR.	DATE

DESIGNED BY **FAM** DRAWN BY **GMA** CHECKED BY \_\_\_\_\_

CITY OF RIVERSIDE, CALIFORNIA PUBLIC WORKS DEPARTMENT			
APPROVED BY	BY	DATE	APPROVED BY
PRINCIPAL ENGINEER	<b>PH</b>	8/16/04	<b>Shaw Reed</b>
STREET SERVICES			CITY ENGINEER
SURVEYOR	<b>CS</b>	8/16/04	
TRAFFIC DIVISION	<b>CS</b>	8/16/04	
PARKS DEPARTMENT			

**JEFFERSON STREET  
BRIDGE OVER GAGE CANAL  
(REPLACEMENT)**

HORIZ. SCALE: 1" = 20' VERT. SCALE: 1" = 2'

ACCT. NO: 9575327152-440223xx  
**R-3789**  
 SHEET 2 OF 3

