

**STREET CONSTRUCTION GENERAL NOTES**

- NO PERSON SHALL PERFORM ANY CONSTRUCTION ACTIVITY OR INSTALL ANY OBJECTS WITHIN THE PUBLIC RIGHT-OF-WAY OR EASEMENTS OF THE CITY OF RIVERSIDE WITHOUT A VALID CONSTRUCTION PERMIT OR A STREET OPENING PERMIT OR AN ENCROACHMENT PERMIT ISSUED BY THE CITY'S PUBLIC WORKS DEPARTMENT.
- 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, ITS SUPPLEMENTAL NOTES AND THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, CURRENT EDITION.
- THE PRIVATE ENGINEER SIGNING THESE PLANS IS RESPONSIBLE 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.
- QUANTITIES SHOWN ARE FOR INFORMATION ONLY AND THE CITY OF RIVERSIDE IS NOT RESPONSIBLE FOR THEIR ACCURACY.
- THE DEVELOPER SHALL BE RESPONSIBLE FOR PRESERVING OR REESTABLISHING AND REFERENCING SURVEY MONUMENTS DESTROYED, DISTURBED OR BURIED AS A RESULT OF CONSTRUCTION SHOWN HEREON.
- THE CONTRACTOR SHALL COORDINATE TRENCHING FOR CABLE TELEVISION WITH OTHER TRENCHING WITHIN THE PROJECT.
- ALL FLAGGED ELEVATIONS SHALL BE STAKED IN THE FIELD BY THE PRIVATE ENGINEER.
- WHERE NEW PAVEMENT IS TO JOIN THE EXISTING PAVEMENT, 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.
- CONSTRUCT DRIVEWAY APPROACHES PER STANDARD DRAWING 302. EXACT SIZE AND LOCATION TO BE STAKED BY THE PRIVATE ENGINEER PRIOR TO CONSTRUCTION OF THE CURB AND GUTTER.
- ON ALL AREAS WITHIN PUBLIC RIGHT OF WAY WHERE THE FILL IS ONE (1) FOOT OR GREATER, A LETTER WILL BE REQUIRED FROM THE SOILS ENGINEER, CERTIFYING THE COMPACTION OF THE FILL BELOW SUBGRADE, PRIOR TO ISSUANCE OF THE CONSTRUCTION PERMIT/CUT SHEETS.
- THE CONTRACTOR SHALL CALL IN A LOCATION REQUEST TO UNDERGROUND SERVICE ALERT (USA), PHONE # 1-800-227-2600, 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.
- IN PAVEMENT OVERLAY AREAS, ANY DISTRESSED EXISTING PAVEMENT SHALL BE REMOVED AND REPLACED AS DIRECTED BY THE INSPECTOR PRIOR TO OVERLAYING WITH A.C. PAVING.
- THE SUBDIVIDER SHALL ARRANGE FOR A SOIL TEST TO BE MADE BY A SOILS ENGINEER AFTER THE STREETS HAVE BEEN PREPARED TO ROUGH GRADE AND PRIOR TO CURB AND GUTTER CONSTRUCTION. DEPTH OF BASE MATERIAL AND A.C. PAVING SHALL BE DETERMINED BY THE CITY OF RIVERSIDE DESIGN STANDARDS.
- ALL TRAFFIC SIGNS SHALL BE INSTALLED PRIOR TO OPENING STREETS TO TRAFFIC.
- SEE STREET LIGHT PLAN FOR QUANTITY AND LOCATION OF REQUIRED STREET LIGHTS.\*

\*THE CONTRACTOR IS RESPONSIBLE FOR THE INSTALLATION OF STREET LIGHTS AND UNDERGROUND ELECTRIC UTILITY FACILITIES. THE RELOCATION OF ANY UNDERGROUND POWER FACILITIES SHALL BE RELOCATED BY THE DEVELOPER AND THE CITY OF RIVERSIDE AT THE DEVELOPERS EXPENSE. THE RELOCATION OF ANY OVERHEAD POWER FACILITIES SHALL BE RELOCATED BY THE CITY OF RIVERSIDE AT THE DEVELOPERS EXPENSE. CONTACT RIVERSIDE PUBLIC UTILITIES APPROX. 90 DAYS PRIOR TO CONSTRUCTION FOR APPROVED STREET LIGHT PLANS AND/OR RELOCATION PLANS.  
CONTACT: JOSE LOPEZ PHONE: 951-334-2106

# STREET IMPROVEMENT PLAN FOR: 10206 MULL AVENUE - RIVERSIDE, CA

**OWNER**

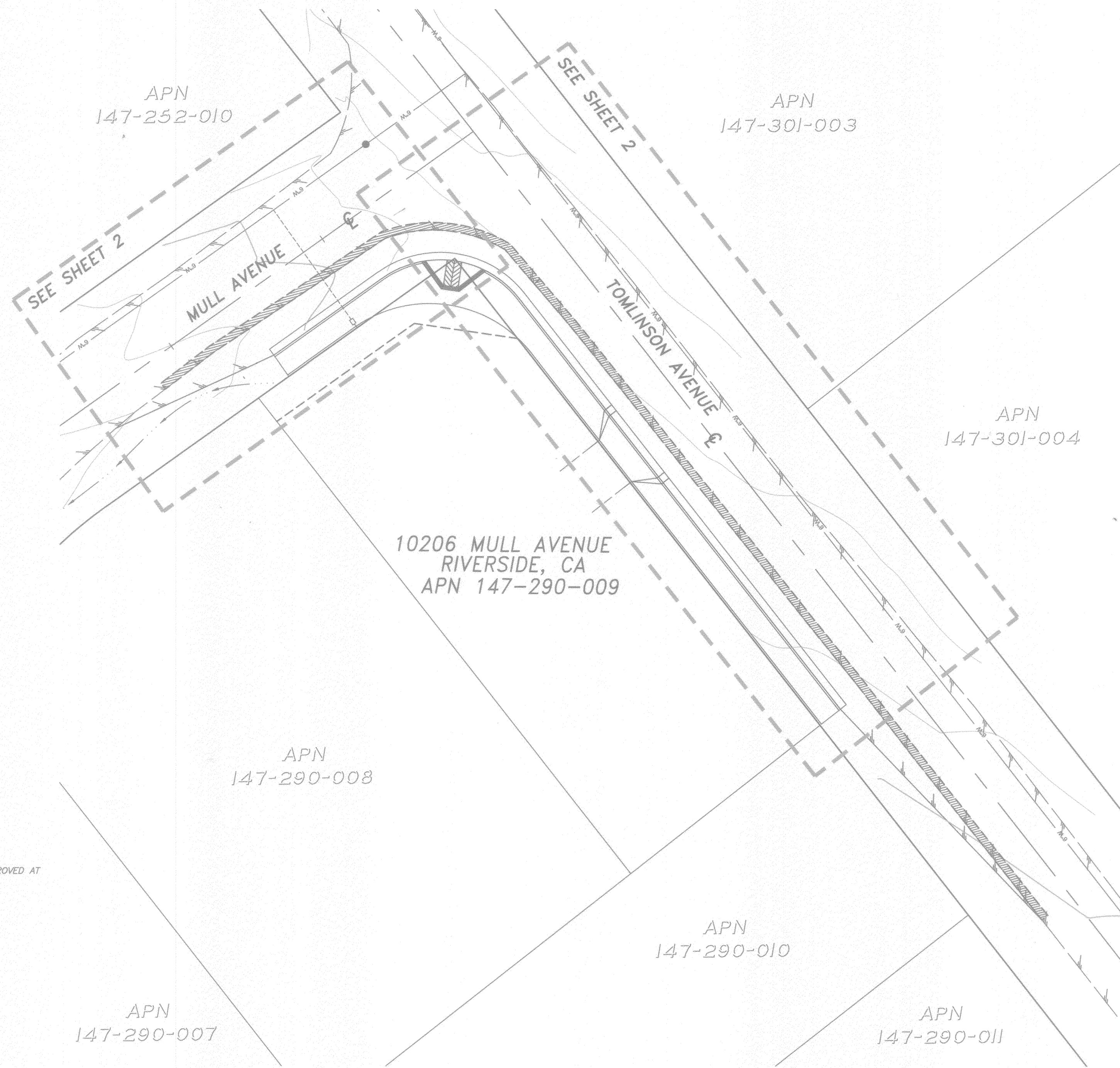
LUIS MELGOZA  
10206 MULL AVENUE  
RIVERSIDE, CA  
PHONE: 951-359-7618

**ASSESSORS PARCEL NUMBER**

147-290-009

**LEGEND**

EX.	EXISTING	GUTTER(X.X%)	EXISTING GRADE
PROP.	PROPOSED	X.X%	PROPOSED GRADE
PL	PROPERTY LINE	(XX.X)	EXISTING ELEVATION
R/W	RIGHT OF WAY	XX.X	PROPOSED ELEVATION
CL	CENTERLINE		
PIP	PROTECT IN PLACE		
TC	TOP OF CURB		
FL	FLOW LINE		
FS	FINISHED SURFACE		
FG	FINISHED GROUND		
GB	GRADE BREAK		
SF	SQUARE FOOT		
C&G	CURB AND GUTTER		
	CENTERLINE		
	PROPERTY LINE		
	FLOWLINE		
	PROPOSED CURB		
	CONCRETE		



**CONSTRUCTION NOTES AND QUANTITY ESTIMATE**

THE QUANTITIES SHOWN BELOW ARE FOR BONDING INFORMATION ONLY. THE CONTRACTOR IS TO CONSTRUCT PROJECT PER THESE PLANS AND SUBMIT CONSTRUCTION BID BASED ON THEIR OWN QUANTITY "TAKE-OFF".

- PLACE " A.C. OVER " C.A.B. PER S.R. R= 1,676 SF
- SAWCUT EXISTING PAVEMENT AND JOIN PER DETAIL ON SHEET 1 340 LF
- CONSTRUCT DRIVEWAY APPROACH PER CITY OF RIVERSIDE STD. DWG. NO. 302 (TYPE II) (A&B PER PLAN) 1 EA
- CONSTRUCT 6.5' WIDE SIDEWALK PER CITY STD. NO 325 2,064 SF
- CONSTRUCT 6" CURB AND GUTTER PER CITY OF RIVERSIDE STD. DWG. NO. 200 (TYPE I) 228 LF
- CONSTRUCT HANDICAP RAMP CITY STD. NO 304 (TYPE I) 1 EA
- 3'X3' RIP-RAP PAD (NO. 2 BACKING) 2 EA
- INSTALL 2"X4" REDWOOD HEADER 100 LF
- INSTALL TYPE 'F' DELINEATOR PER CALTRANS STD. DWG. A73C 5 EA
- INSTALL STREET/TRAFFIC SIGNS PER CITY OF RIVERSIDE STANDARD DRAWINGS #662, #662A 2 EA
- EXIST. WATER METER. PROTECT IN PLACE AND ADJUST BOX TO GRADE. 1 EA

**GRIND & OVERLAY AS NEEDED**

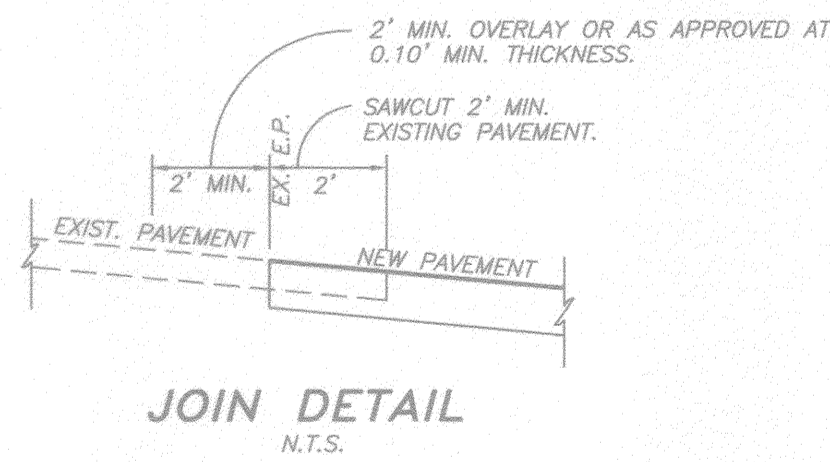
**WATER CONSTRUCTION NOTES: BY CITY FORCES**

- REDUCE LENGTH OF EXIST. 3/4" SERVICE PER CWD-600

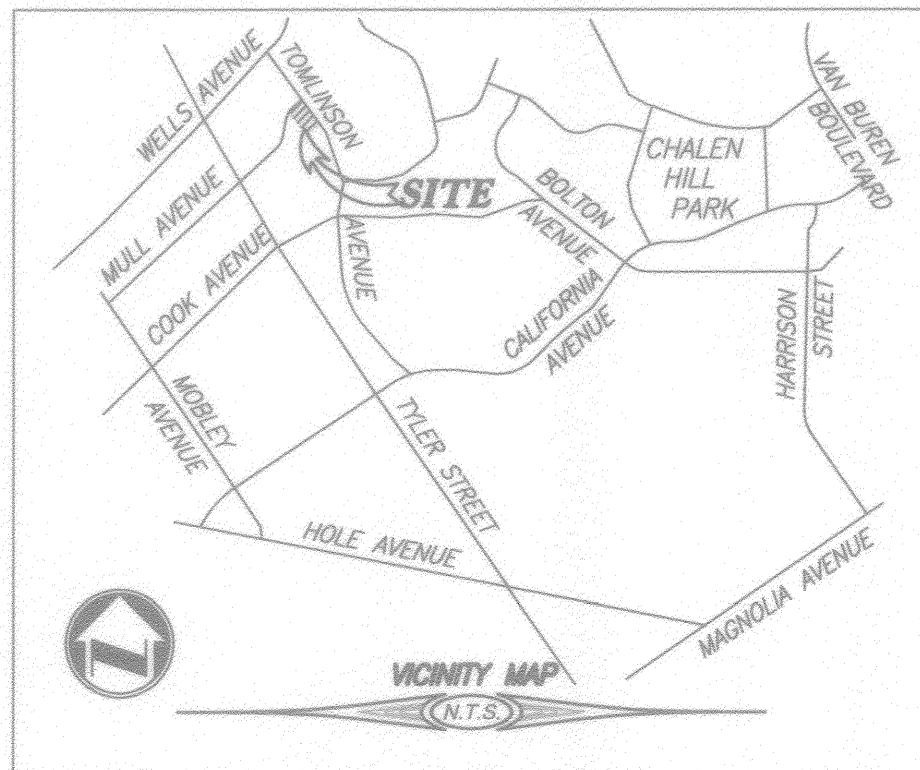
**STREET SIGN SCHEDULE**

A	TOMLINSON AVENUE	4700
B	MULL AVENUE	10200
C	STOP SIGN	

INSTALL SIGNS PER CITY OF RIVERSIDE STANDARD DRAWINGS #662, #662A & #666



THOMAS BROS. GUIDE PAGE 715, GRID: E5, F5



**PUBLIC UTILITIES - ELECTRIC**  
 APPROVED BY: *SNL* DATE: 11/10/10

**PUBLIC UTILITIES - WATER**  
 APPROVED BY: *MW MULL* DATE: 11/10/10

CITY OF RIVERSIDE BUSINESS TAX ACCT.#068833 EXP.1/1/11

**adkan ENGINEERS**  
 Civil Engineering - Surveying - Planning  
 6820 Airport Drive, Riverside, CA 92504  
 Tel:(951) 688-0744 Fax:(951) 688-0599  
 Under the Supervision of: *MW MULL* 11-10-10  
 NGVD 1929

**REVISOR'S LIST**

NO.	DESCRIPTION	DATE
1	REVISED LIMITS OF GRIND & OVERLAY	2/7/11
2	AS-BUILT	11/29/10

DESIGNED BY: BRYAN DRAWN BY: CECILIA CHECKED BY: MITCH

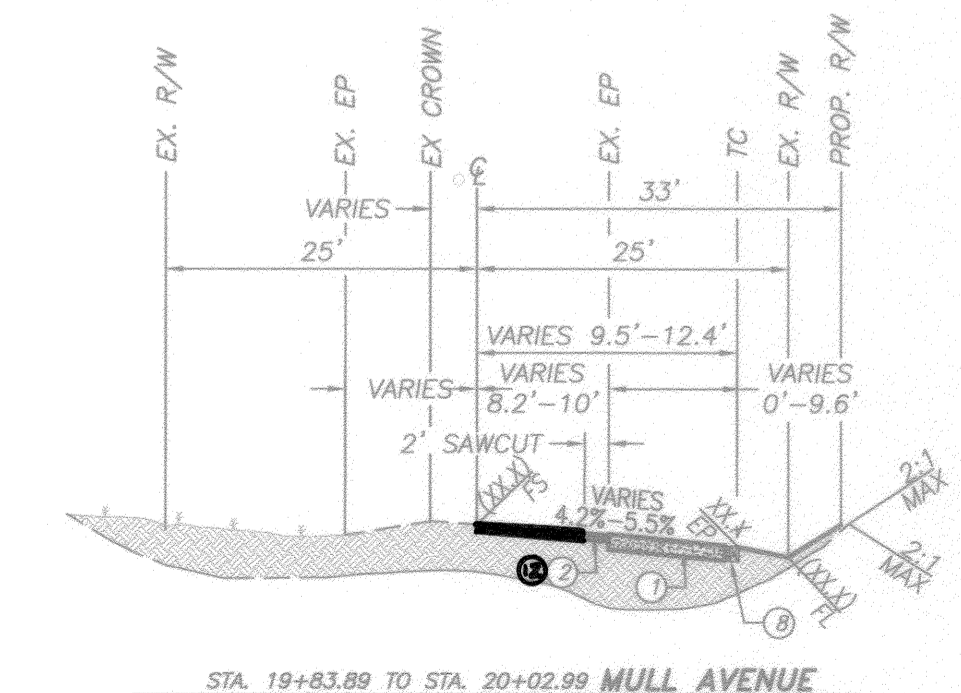
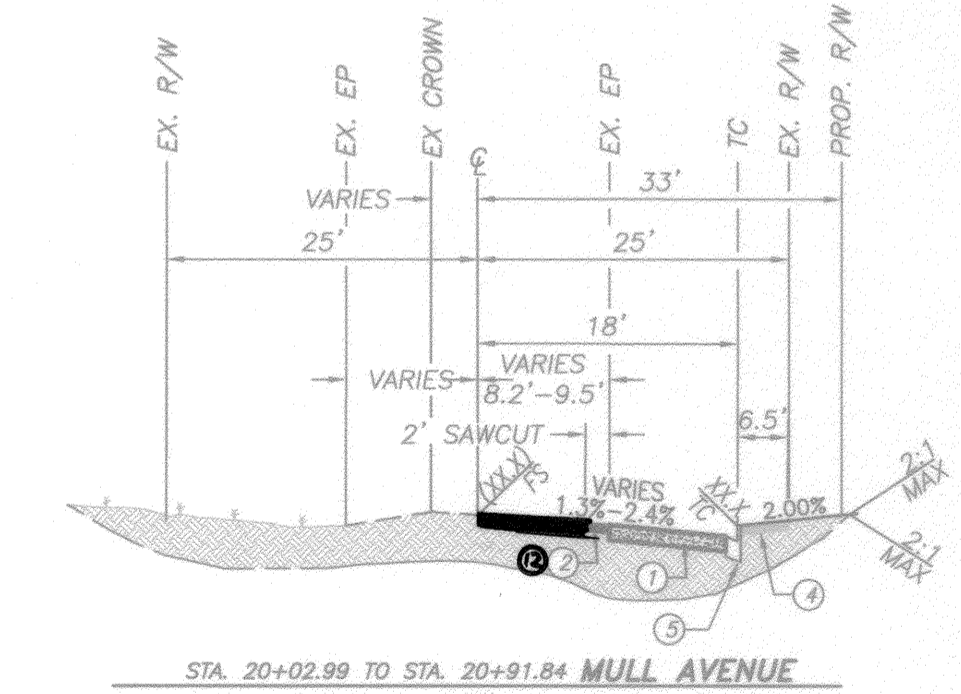
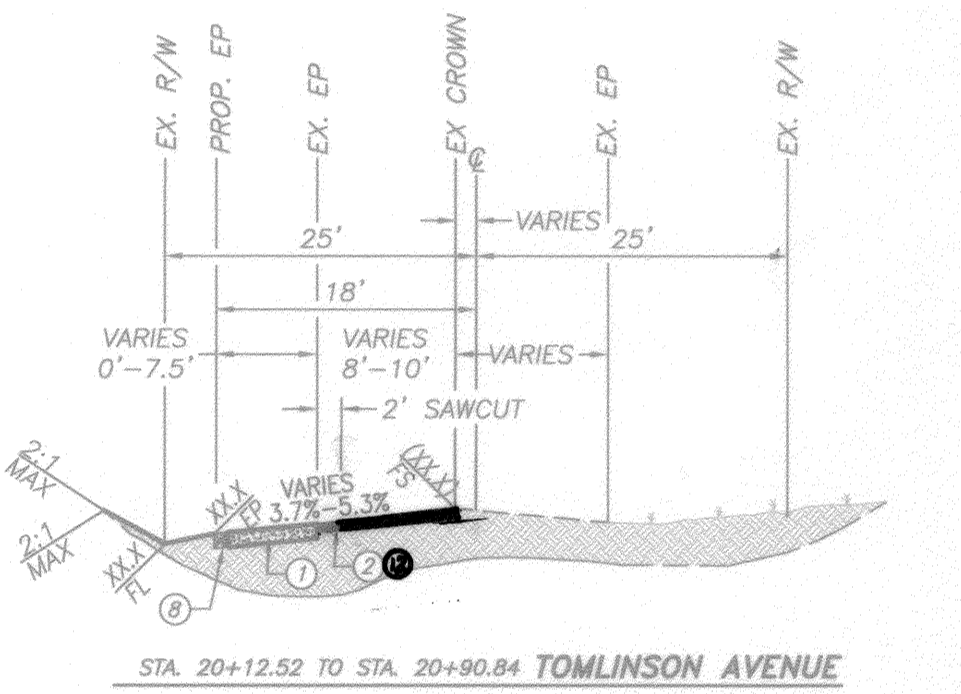
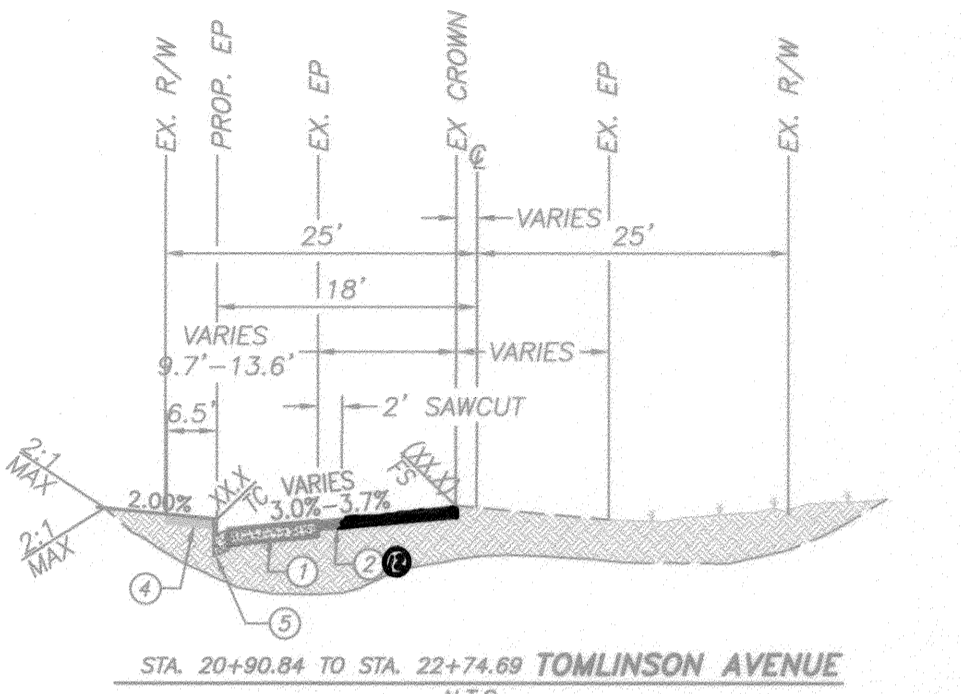
**CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT**

APPROVED BY: *[Signature]* DATE: 11-20-10  
 PRINCIPAL ENGINEER

APPROVED BY: *[Signature]* DATE: 11-20-10  
 CITY ENGINEER

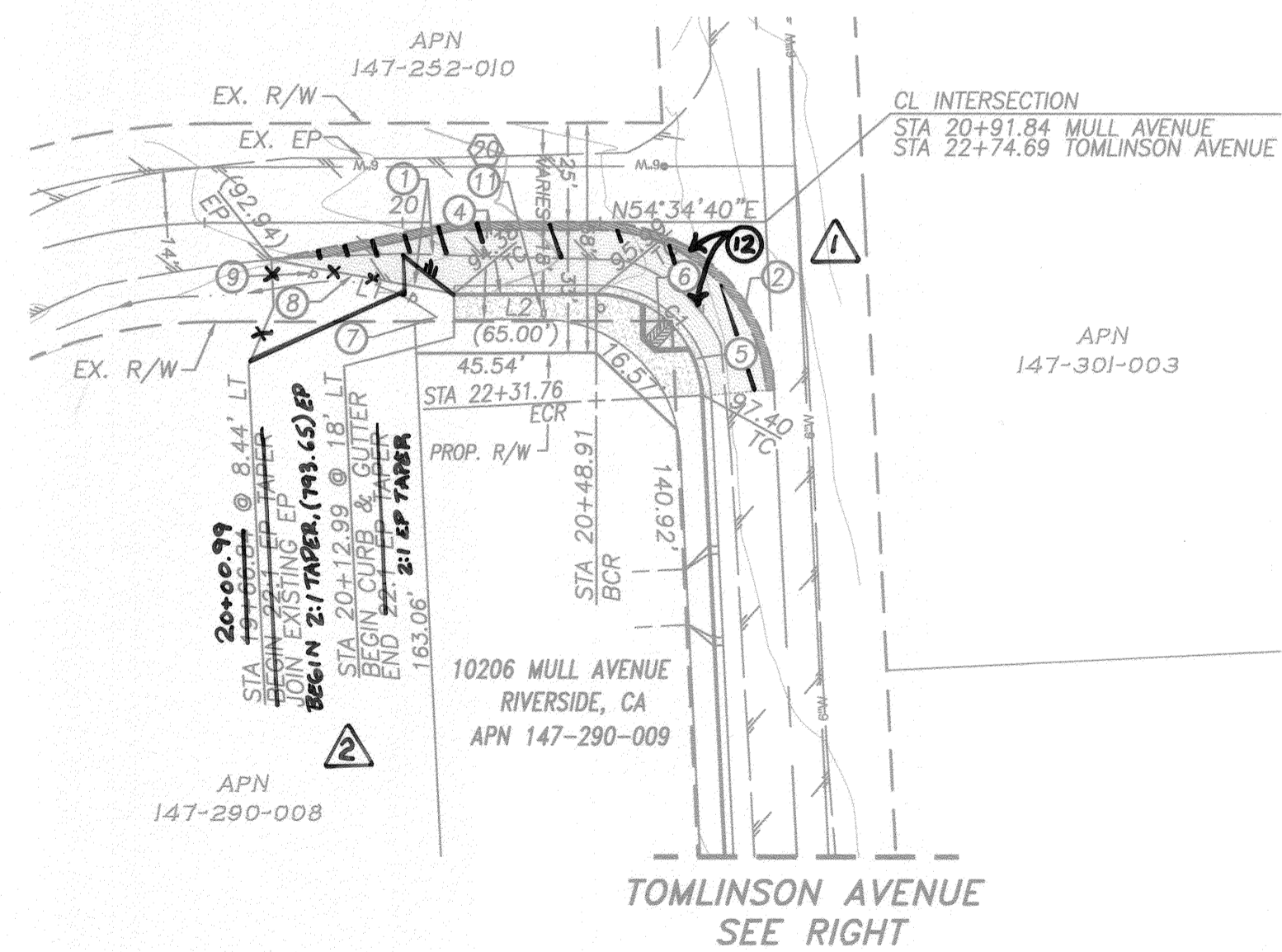
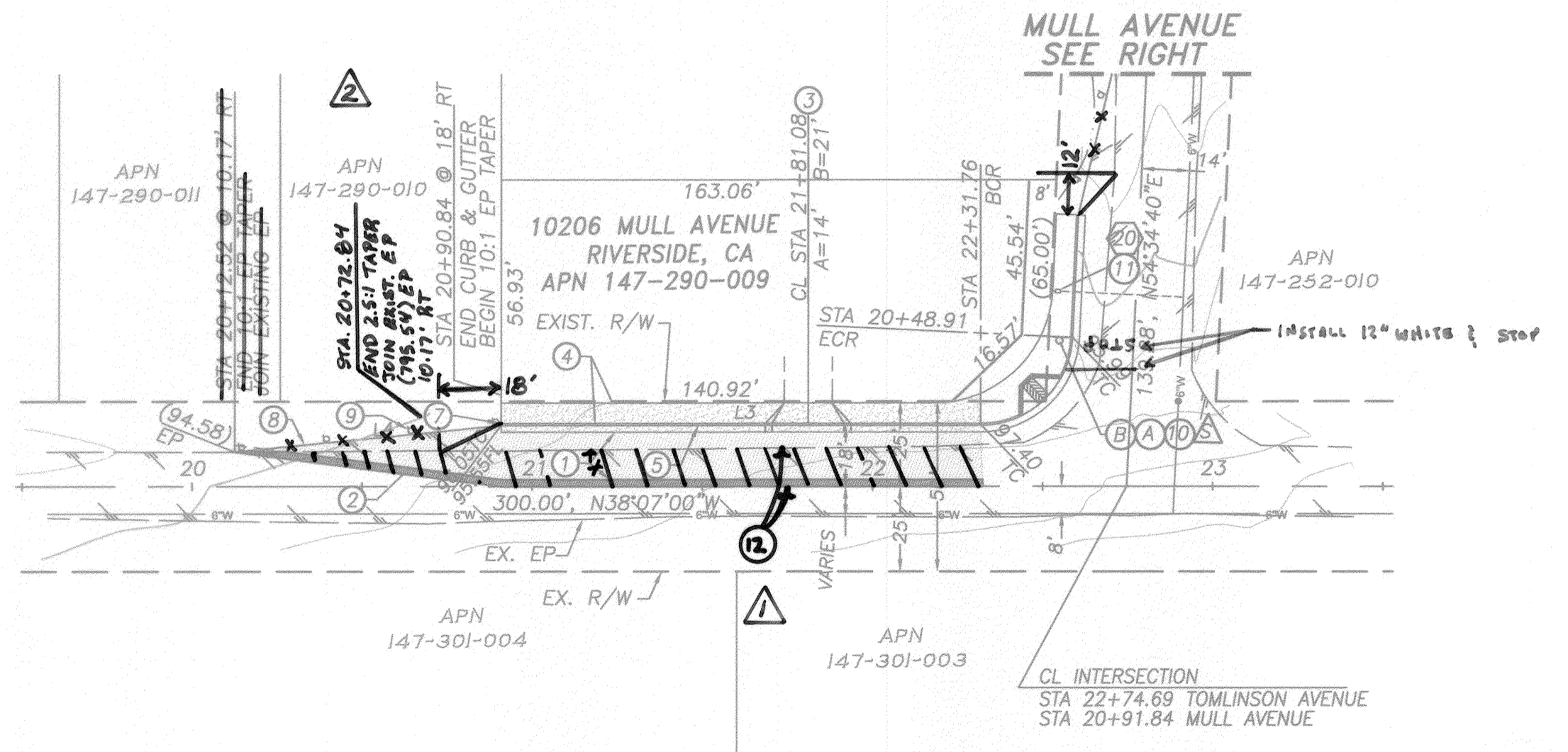
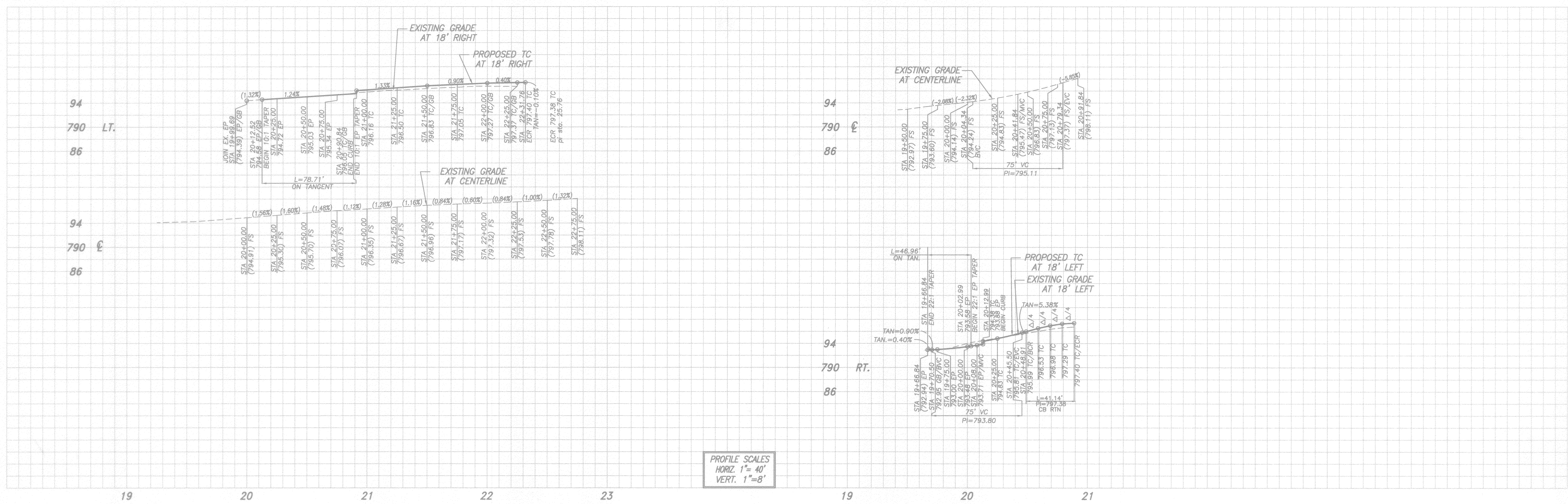
DATE: 12/1/10

**STREET IMPROVEMENT PLAN PW10-0340**  
**10206 MULL AVE.**  
**TITLE SHEET**  
 147-290-009  
 HORIZ. SCALE: 20 SCALE VERT. SCALE: N/A  
**R-4186**  
 SHEET 1 OF 2  
 J.N. 7896



**\*PUBLIC UTILITIES DEPARTMENT NOTE:**  
 CONTRACTOR TO GIVE THE CITY WATER DIVISION FIVE (5) WORKING DAYS WRITTEN NOTICE PRIOR TO THE START OF CONSTRUCTION AND ALLOW THE CITY FIFTEEN (15) WORKING DAYS FOR COMPLETION OF WORK.  
 PHONE: 951-351-6368

Indexed - 1/6/11



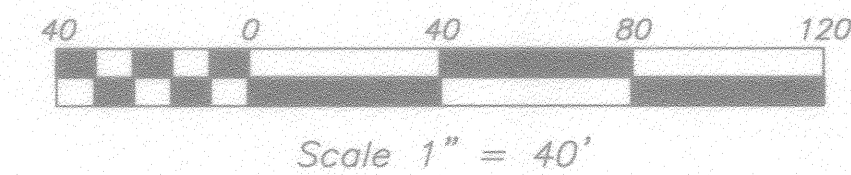
- CONSTRUCTION NOTES**
- PLACE \_\_\_\_\_ " A.C.P.E.R SOILS REPORT NO. \_\_\_\_\_ R= \_\_\_\_\_ OVER \_\_\_\_\_ " COARSE AGGREGATE BASE (CLASS II )
  - SAWCUT EXISTING PAVEMENT AND JOIN PER DETAIL ON SHEET 1
  - CONSTRUCT DRIVEWAY APPROACH PER CITY OF RIVERSIDE STD. DWG. NO. 302 (TYPE II) (A&B PER PLAN)
  - CONSTRUCT 6.5' WIDE SIDEWALK PER CITY STD. NO. 325
  - CONSTRUCT 6" CURB AND GUTTER PER CITY OF RIVERSIDE STD. DWG. NO. 200 (TYPE I)
  - CONSTRUCT HANDICAP RAMP CITY STD. NO. 304 (TYPE I)
  - 3' X 3' RIP-RAP PAD (NO. 2 BACKING)
  - INSTALL 2X4 REDWOOD HEADER
  - INSTALL TYPE 'F' DELINEATOR PER CALTRANS STD. DWG. A73C
  - INSTALL STREET/TRAFFIC SIGNS PER CITY OF RIVERSIDE STANDARD DRAWINGS #662, #662A
  - EXIST. WATER METER. PROTECT IN PLACE AND ADJUST BOX TO GRADE.
  - GRIND & OVERLAY AS NEEDED**
- WATER CONSTRUCTION NOTES: BY CITY FORCES**
- REDUCE LENGTH OF EXIST. 3/4" SERVICE PER CWD-600

LINE TABLE

LINE	LENGTH	BEARING
L1	46.96	N65°12'18"E
L2	45.92	N54°34'40"E
L3	140.92	N38°07'00"W
L4	78.71	N43°49'38"W

CURVE TABLE

CURVE	DELTA	LENGTH	RADIUS	TAN
C1	87°18'20"	41.14	27.00	25.76



**PUBLIC UTILITIES - ELECTRIC**

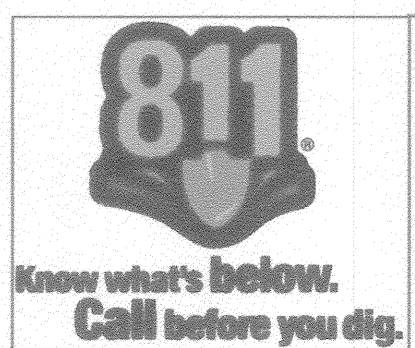
APPROVED BY \_\_\_\_\_ DATE: \_\_\_\_\_

**PUBLIC UTILITIES - WATER**

APPROVED BY *MW Muel* DATE: *11/10/10*

**TOMLINSON AVENUE**

**MULL AVENUE**



CITY OF RIVERSIDE BUSINESS TAX ACCT. #058833 EXP. 1/1/11

PLANS PREPARED BY: **adkan ENGINEERS**  
Civil Engineering - Surveying - Planning  
6820 Airport Drive, Riverside, CA 92504  
Tel: (951) 688-0241 Fax: (951) 688-0599

BENCHMARK: F3-K3  
P.K. NAIL AND CITY ENGINEER TAG  
IN THE WESTERLY CURB OF TYLER  
STREET 64.5 FEET SOUTHERLY OF  
THE CENTERLINE INTERSECTION OF  
TYLER STREET AND OCAMPO STREET  
ELEVATION: 754.979

NGVD 1929

**REVISED LIMITS OF GRIND & OVERLAY AS-BUILT**

DATE: 11/27/10

DESIGNED BY: BRYAN DRAWN BY: CECILIA CHECKED BY: MITCH

**CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT**

APPROVED BY \_\_\_\_\_ DATE: 11-30-10  
PRINCIPAL ENGINEER

APPROVED BY *New Byd* DATE: 12/1/10  
CITY ENGINEER

TRAFFIC DIVISION: 11-30-10

**STREET IMPROVEMENT PLAN** PW10-0340  
**10206 MULL AVE.**  
**TOMLINSON AVENUE**  
**MULL AVENUE**  
147-290-009

**R-4186**

SHEET **2** OF **2**

HORIZ. SCALE: 1"=40' VERT. SCALE: 1"=8' J.N. 7896