

STREET GENERAL NOTES ~ CITY

- NO PERSON SHALL PERFORM ANY CONSTRUCTION ACTIVITY OR INSTALL ANY OBJECTS WITHIN THE PUBLIC RIGHTS-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 REVISIONS TO 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 RE-ESTABLISHING AND REFERENCING SURVEY MONUMENTS DESTROYED, DISTURBED OR BURIED AS A RESULT OF CONSTRUCTION SHOWN HEREON.
- THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF STREET LIGHTS AND UNDERGROUND ELECTRIC UTILITY FACILITIES. CONTACT RIVERSIDE PUBLIC UTILITIES 90 DAYS IN ADVANCE OF CONSTRUCTION TO OBTAIN APPROVED STREET LIGHT AND ELECTRIC PLANS.
- ALL FLAGGED ELEVATIONS SHALL BE STAKED IN THE FIELD BY THE PRIVATE ENGINEER.
- WHERE NEW PAVEMENT IS TO JOIN THE EXISTING PAVEMENT, THE EDGE OF THE EXISTING PAVEMENT SHALL BE TRIMMED IN A SMOOTH AND STRAIGHT LINE AND SHALL RECEIVE HEADER CUTS. 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.
- 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 AND TEST PROCEDURES.
- ALL OVERHANGING TREE LIMBS THAT ARE LESS THAN 14' ABOVE THE STREET GRADE SHALL BE TRIMMED BACK.
- THE DEVELOPER AND/OR CONTRACTOR SHALL CONTACT THE STREET DIVISION (351-6127) TO PICK UP ANY EXISTING STD. 180 BARRICADES THAT ARE BEING REMOVED. THE CITY'S INSPECTOR WILL MAKE THE FINAL DETERMINATION ON WHETHER A BARRICADE CAN BE RELOCATED.
- 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.
- ALL TRAFFIC SIGNS SHALL BE INSTALLED PRIOR TO OPENING THE STREETS TO TRAFFIC.
- 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.
- FINAL STRIPING FOR TRAFFIC CONTROL AND/OR PAVEMENT MARKING TO BE THE RESPONSIBILITY OF THE DEVELOPER.
- 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 IDENTIFICATION NUMBER BY U.S.A.
- THE SEWER CONTRACTOR SHALL ADJUST MANHOLES TO FINAL GRADE AFTER PAVING IS COMPLETED.
- BEFORE THE RIP-RAP AT THE OUTLET OF ANY DRAINAGE STRUCTURE IS ACCEPTED BY THE CITY, IT SHALL BE TESTED UNDER FLOWS AS CLOSE AS POSSIBLE TO DESIGN CONDITIONS WITH WATER OBTAINED FROM FIRE HYDRANTS IN THE IMMEDIATE AREA.
- 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 CONTRACTOR SHALL COORDINATE TRENCHING FOR CABLE TELEVISION WITH OTHER TRENCHING WITHIN THE PROJECT LIMITS.
- CITY FORCES WILL NOT ADJUST WATER VALVES. ALL WATER VALVE CANS TO BE ADJUSTED TO GRADE BY CONTRACTOR.

PUBLIC UTILITIES DEPARTMENT NOTE

DEVELOPER, IS TO GIVE CITY WATER DIVISION FIVE (5) WORKING DAYS WRITTEN NOTICE PRIOR TO START OF CONSTRUCTION AND ALLOW CITY FIFTEEN (15) WORKING DAYS FOR COMPLETION OF WORK (951) 351-6368

ENCROACHMENT NOTE

WORK CONTAINED WITHIN THESE PLANS SHALL NOT COMMENCE UNTIL A CONSTRUCTION PERMIT HAS BEEN OBTAINED FROM THE CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT.

CONTACT INFO:

RIVERSIDE PUBLIC UTILITIES ELECTRICAL DIVISION
FOR STREET LIGHTS, OVERHEAD & UNDERGROUND FACILITIES
STEVE JOHAL

PH. NO. (951)826-5830
3901 ORANGE STREET
RIVERSIDE, CA 92501

IMPORTANT NOTICE
Section 4216/4217 of the Government Code
regarding "Dig Alerts" will be valid
Number to be issued before a
"Horn 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

PROFESSIONAL ENGINEER'S NOTICE TO CONTRACTOR

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 SAID REGULATIONS AND 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 CIVIL 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 ENGINEER.

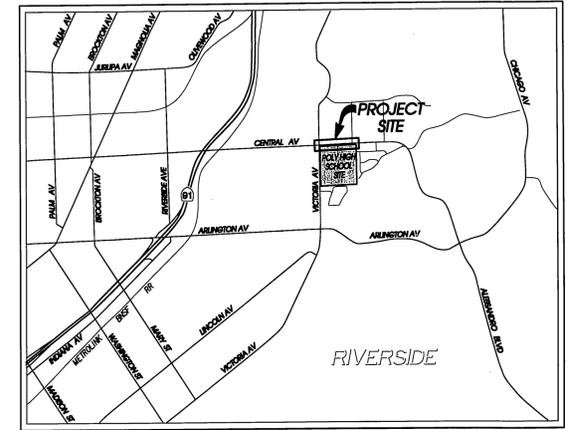
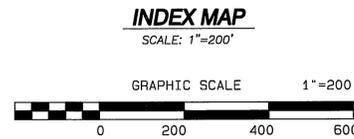
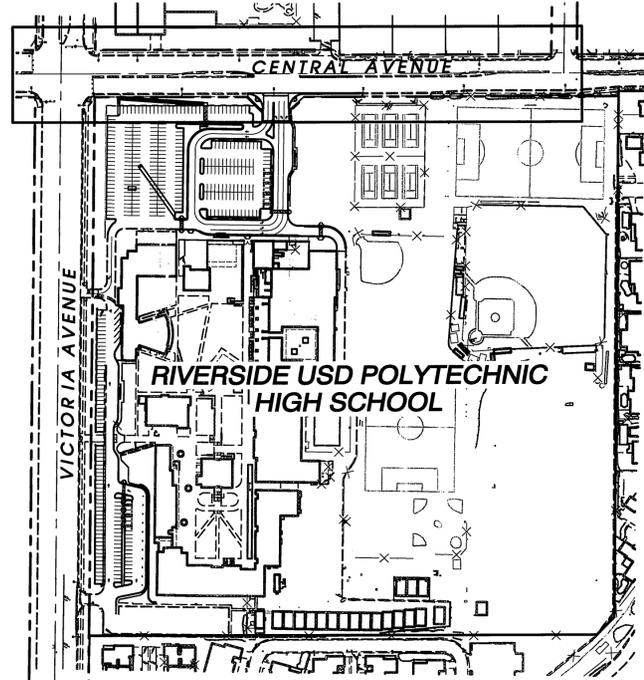
THE EXISTENCE AND APPROXIMATE LOCATIONS OF ANY UNDERGROUND UTILITIES OR STRUCTURES SHOWN ON THESE PLANS ARE OBTAINED BY A SEARCH OF THE AVAILABLE RECORDS. THE CIVIL ENGINEER ASSUMES NO LIABILITY AS TO THE EXACT LOCATION OF SAID LINES NOR FOR UTILITY OR IRRIGATION LINES WHOSE LOCATIONS ARE NOT SHOWN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING ALL UTILITY AND IRRIGATION COMPANIES FOR ANY DAMAGE OR PROTECTION TO THESE LINES.

LEGEND

AB	CRUSHED AGGREGATE BASE	●	BOLLARD
AC	ASPHALTIC CONCRETE	□	MAILBOX
CONC	CONCRETE	○	MANHOLE
BO	BLOW OFF	⊗	WATER METER
BC	BEGIN CURVE	⊙	AIR VALVE
BCR	BEGIN CURB RETURN	⊕	FIRE HYDRANT
BVC	BEGIN VERTICAL CURVE	⊖	POWER POLE
BEG	BEGIN	⊗	WATER VALVE
CB	CATCH BASIN	⊙	GUY WIRE
C/L	CENTERLINE	⊕	STREET LIGHT
CY	CUBIC YARDS	⊖	CONSTRUCTION NOTE
D/W	DRIVEWAY	○	TREE
EA	EACH	○	
EC	END CURVE	○	
ECR	END CURB RETURN	○	
EP	EDGE OF PAVEMENT	○	PALM TREE
EVC	END VERTICAL CURVE	○	
EX	EXISTING	○	
FG	FINISHED GROUND	○	EXISTING EDGE OF PAVEMENT
FL	FLOW LINE	○	PROPOSED EDGE OF PAVEMENT
FS	FINISHED SURFACE	○	EXISTING CONTOUR
GB	GRADE BREAK	○	
LF	LINEAR FEET	○	AC PAVEMENT OR AC COLD PLANE GRIND AND OVERLAY
MH	MANHOLE	○	PCC SURFACING
MOC	MIDDLE OF CURVE	○	
MVC	MIDDLE OF VERTICAL CURVE	○	
PCC	PORTLAND CEMENT CONCRETE	○	
PP	POWER POLE	○	
P/L	PROPERTY LINE	○	STAMPED COLORED CONCRETE
R/W	RIGHT OF WAY	○	
RPU	RIVERSIDE PUBLIC UTILITIES	○	AREA OF REMOVAL
SD	STORM DRAIN	○	
SF	SQUARE FEET	○	
TB	TOP OF BERM	○	
TC	TOP OF CURB	○	
TNS	TONS	○	
W	WIDTH	○	

**CITY OF RIVERSIDE
STREET IMPROVEMENT PLANS
FOR
CENTRAL AVENUE**

SEE SHEET NO. 2



**T. 2S., R. 5W. SECTION 35.
VICINITY MAP
NOT TO SCALE**

BENCHMARK

BENCHMARK NO.: H7-C2 ELEVATION: 949.029 (1988 ELEV.)
DESCRIPTION: BRASS DISC STAMPED "H7-C" IN A MONUMENT WELL AT THE INTERSECTION OF CENTRAL AVENUE AND VICTORIA AVENUE.

BASIS OF BEARING

N 89°17'14" E, BEING THE CENTERLINE OF CENTRAL AVENUE AS SHOWN BY MAP ON FILE BOOK 32, PAGES 3 THROUGH 4, INCLUSIVE, RECORDS OF RIVERSIDE COUNTY, STATE OF CALIFORNIA.

CONSTRUCTION NOTES AND QUANTITIES ESTIMATES

- CONSTRUCT MIN. 0.1" APM-GG-C CAP OVER 0.42" FULL DEPTH OF AC PAVEMENT. B-PG-64-10 OVER 0.75" CRUSHED AGGREGATE BASE. IN AREAS OF THE EXISTING MEDIAN REMOVAL, FOLLOWING REMOVAL OF MEDIAN CURB PLACE COLD MILLED AC (COMPACTED TO 90% RELATIVE COMPACTION) TO BUILD UP THE SUBGRADE TO THE BOTTOM OF THE NEW PAVEMENT SECTION. 3360 S.F.
- CONSTRUCT 6" PCC CURB & GUTTER (TYPE I) PER RIV. CITY STD. DWG. NO. 200. 270 L.F.
- CONSTRUCT 6" PCC CURB ONLY (TYPE II) PER RIV. CITY STD. DWG. NO. 200. 325 L.F.
- CONSTRUCT PCC CROSS GUTTER PER RIV. CITY STD. DWG. NO. 220 (WIDTH PER PLAN). 1165 S.F.
- CONSTRUCT PCC SIDEWALK PER RIV. CITY STD. DWG. NO. 225. 1970 S.F.
- CONSTRUCT ACCESS RAMPS PER RIV. CITY STD. DWG. NO. 304 TYPE I. 3 E.A.
- CONSTRUCT 3.5" THICK COLORED STAMPED COLORED CONCRETE: 1' - WIDE BAND AT THE PERIMETER MEDIAN CURB AND ADDITIONALLY AT MEDIAN NOSES AND IN INTERMITTENT TRANSVERSE BANDS (5' WIDE) AS GENERALLY SHOWN ON THE LANDSCAPE DETAIL PLAN. COLOR SHALL BE L.M. SCOTFIELD COMPANY, COLOR CHART A-312, 1/8" QUARRY RED. PATTERN SHALL BE A LOW PROFILE, LOW WAFFLE MOMANITE 12" x 12" TILE. 265 S.F.
- CONSTRUCT MEDIAN OPENINGS PER RIV. CITY STD. DWG. NO. 121, TYPE III. 1 E.A.
- SAWCUT, REMOVE & DISPOSE OF EXISTING HARDSCAPE SURFACE. 3360 L.F.
- EXISTING STREET LIGHT TO BE SALVAGED TO CITY CORPORATE YARD. ELECTRICAL LINES TO BE RELOCATED BY CITY OF RIVERSIDE ELECTRICAL DEPARTMENT. 1 E.A.
- CONSTRUCT MEDIAN OPENINGS PER RIV. CITY STD. DWG. NO. 121, TYPE I. 1 E.A.
- RELOCATE EXISTING STREET SIGN PER SIGNING & STRIPING PLANS. 1 E.A.
- SAWCUT, REMOVE & DISPOSE OF EXISTING CONCRETE. 2880 S.F.
- REMOVE & DISPOSE OF EXISTING TREES & ROOT SYSTEM. 2 E.A.
- GRIND AND OVERLAY 0.12" MINIMUM WITH APM-GG-C CAP. 17,850 S.F.
- ADJUST EXISTING VALVE TO GRADE. 5 E.A.
- JOIN PROPOSED FINISHED SURFACE TO EXISTING AND MATCH GRADE.
- PROTECT IN PLACE.

CITY SHEET INDEX	
No.	SHEET TITLE
1	TITLE SHEET
2	STREET PLAN AND PROFILE - CENTRAL AVENUE

CITY OF RIVERSIDE
PUBLIC UTILITIES DEPARTMENT- ELECTRIC OVERHEAD & UNDERGROUND
APPROVED BY: [Signature] DATE: 3/21/11

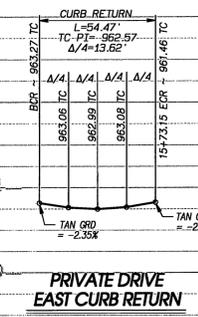
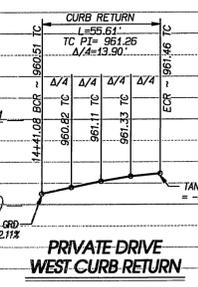
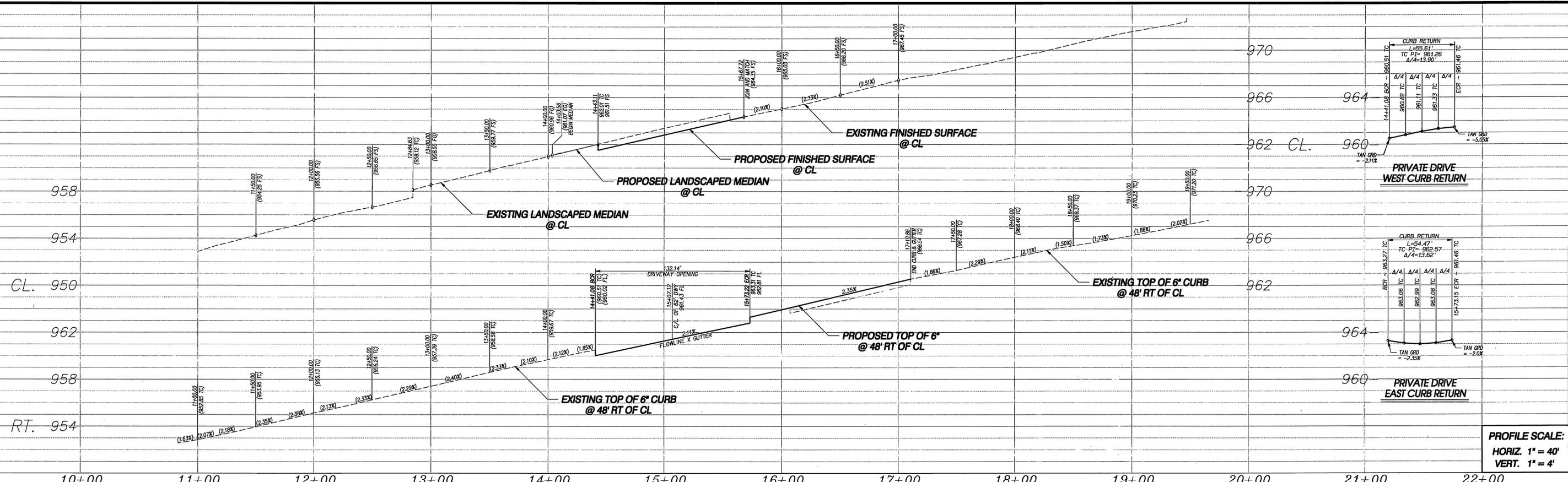
EPIC ENGINEERS
CIVIL ENGINEERING PLANNING LAND SURVEYING CONSTRUCTION MANAGEMENT
101 E. REDLANDS BOULEVARD SUITE 146 REDLANDS, CA 92373
TELE 908-792-5989 FAX 908-792-5989
APPROVED BY: [Signature] DATE: 3/21/2011
ERICK D. POTTER, PE
E. No. 53554, EXP. 6-30-11
CITY OF RIVERSIDE BUSINESS LICENSE NO. 0074601 EXP. 9-19-2011



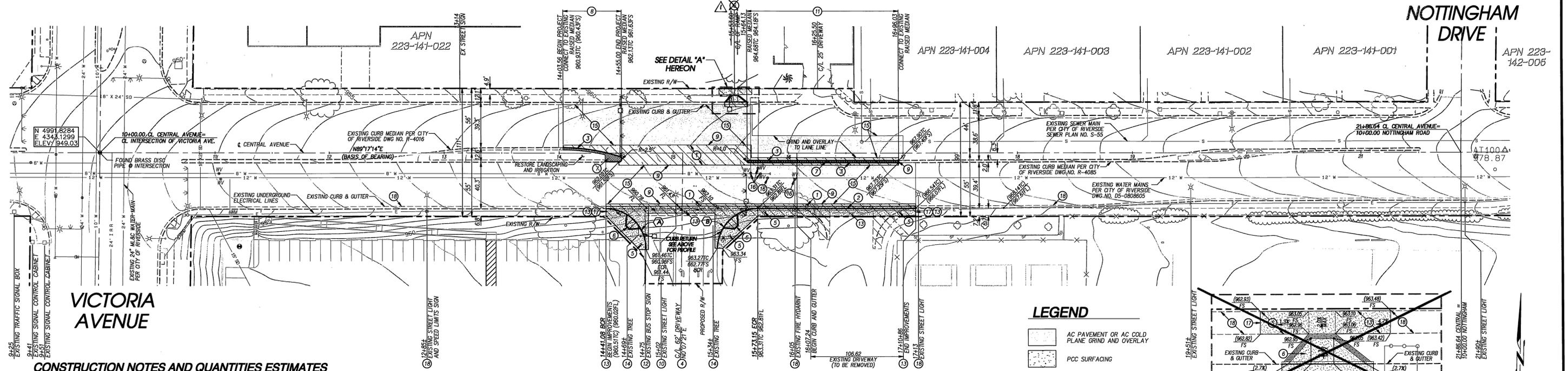
CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT
APPROVED BY: [Signature] DATE: 3/25/11
PRINCIPAL ENGINEER
CONST. CONTRACT ADMIN.
TRAFFIC DIVISION
APPROVED BY: [Signature] DATE: 3/28/11
CITY ENGINEER

TITLE SHEET
CENTRAL AVENUE
STREET IMPROVEMENT PLAN
WDID # PW 11-0008
ACCT. NO. R-4200
SHEET 1 OF 2

Indexed 5/9/11-SE.



PROFILE SCALE:
HORIZ. 1" = 40'
VERT. 1" = 4'



CONSTRUCTION NOTES AND QUANTITIES ESTIMATES

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15. GRIND AND OVERLAY 0.12" MINIMUM WITH APHM-GG-C CAP
16. ADJUST EXISTING VALVE TO GRADE
17. JOIN PROPOSED FINISHED SURFACE TO EXISTING AND MATCH GRADE
18. PROTECT IN PLACE

IMPORTANT NOTICE
Section 4216/4217 of the Government Code requires that any Alert Identification Number to be issued 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

RIVERSIDE UNIFIED SCHOOL DISTRICT POLYTECHNIC HIGH SCHOOL
APN 223-200-001

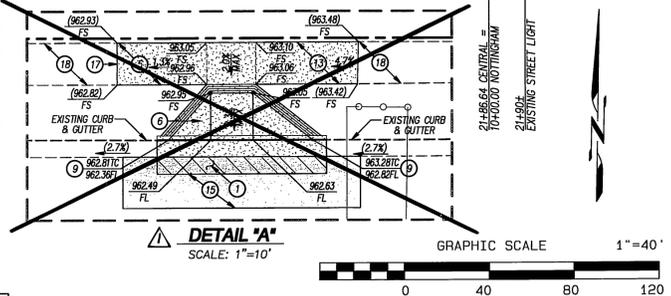
CENTRAL AVENUE

LEGEND

- AC PAVEMENT OR AC COLD PLANE GRIND AND OVERLAY
- PCC SURFACING
- STAMPED COLORED CONCRETE
- AREA OF REMOVAL

CURVE DATA

Δ	DELTA	RADIUS	LENGTH	TANGENT
A	91°02'12"	35.00'	55.61'	35.64'
B	89°09'53"	35.00'	54.47'	34.49'



CITY OF RIVERSIDE
PUBLIC UTILITIES DEPARTMENT-ELECTRIC OVERHEAD & UNDERGROUND
APPROVED BY: [Signature] DATE: 3/21/11

EPIC ENGINEERS
CIVIL ENGINEERING PLANNING LAND SURVEYING CONSTRUCTION MANAGEMENT
101 E. REDLANDS BOULEVARD SUITE 148 REDLANDS, CA 92373
TEL: 909-792-9969 FAX: 909-792-9969
APPROVED BY: [Signature] DATE: 3/21/2011
ERICK D. POTTER, PE R.C.E. No. 53554, EXP. 6-30-11 CITY OF RIVERSIDE BUSINESS LICENSE NO. 0074601 EXP. 9-19-2011

REGISTERED PROFESSIONAL ENGINEER
ERICK D. POTTER
No. 53554 Exp. 6-30-11
STATE OF CALIFORNIA

DESIGNED BY: TMW DRAWN BY: TMW CHECKED BY: [Signature]

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT
APPROVED BY: [Signature] DATE: 3/25/11
PRINCIPAL ENGINEER
CONST. CONTRACT ADMIN.
TRAFFIC DIVISION

CENTRAL AVENUE PLAN AND PROFILE
STA 10+00.00 TO STATION 22+00.00
HORIZONTAL SCALE: 1" = 40' VERTICAL SCALE: 1" = 4'
WDID # PW 11-0006
ACCT. NO. R-4200
SHEET 2 OF 2