## GENERAL NOTES

- 1. 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.
- 2. 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.
- 3. 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.
- 4. 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
- 5. 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.
- 6. ALL FLAGGED ELEVATIONS SHALL BE STAKED IN THE FIELD BY THE PRIVATE
- 7. 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
- 8. THE CONTRACTOR 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.
- 9. 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.
- 10. ALL TRAFFIC SIGNS SHALL BE INSTALLED PRIOR TO OPENING THE STREETS TO TRAFFIC.
- 11. 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.
- 12. FINAL STRIPING FOR TRAFFIC CONTROL AND/OR PAVEMENT MARKING TO BE THE RESPONSIBILITY OF THE CONTRACTOR.
- 13. 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.
- 14. QUANTITIES SHOWN ARE FOR INFORMATION ONLY AND THE CITY OF RIVERSIDE IS NOT RESPONSIBLE FOR THEIR ACCURACY.
- 15. 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.
- 16. EXISTING UTILITIES SHOWN ON THE PLAN ARE PLOTTED FROM UTILITY RECORDS. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO LOCATE AND PROTECT ALL UTILITIES WHETHER OR NOT SHOWN ON THIS PLANS.
- 17. STREET IMPROVEMENT WORK THAT WILL CAUSE DAMAGE TO THE DETECTOR LOOP(S) SHALL NOT BE PERFORMED UNTIL TRAFFIC SIGNAL MAINTENANCE PERSONNEL HAVE BEEN NOTIFIED AND THE NECESSARY TIMING ADJUSTMENTS ARE MADE TO MAINTAIN SIGNAL OPERATION.

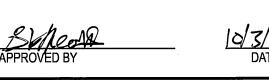
## PUBLIC UTILITIES DEPARTMENT NOTES

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

### UTILITIES

POWER:	CITY OF RIVERSIDE	951-826-5393
WATER:	CITY OF RIVERSIDE	951-826-5285
TELEPHONE:	PACIFIC TELEPHONE CO.	909-666-5454
SEWER:	CITY OF RIVERSIDE	951-826-5341
GAS:	SOUTHERN CALIFORNIA GAS COMPANY	909-335-3919

# CITY OF RIVERSIDE **ELECTRIC** DEPT.



## CAUTION

EXACT LOCATION OF EXISTING UNDERGROUND FACILITIES IS UNKNOWN. CONTRACTOR TO VERIFY IN FIELD.

DIG ALERT

BEFORE YOU DIG! 1-800-227-2600 UNDERGROUND SERVICE ALERT Call at least 2 working days prior to excavatin

CITY OF RIVERSIDE

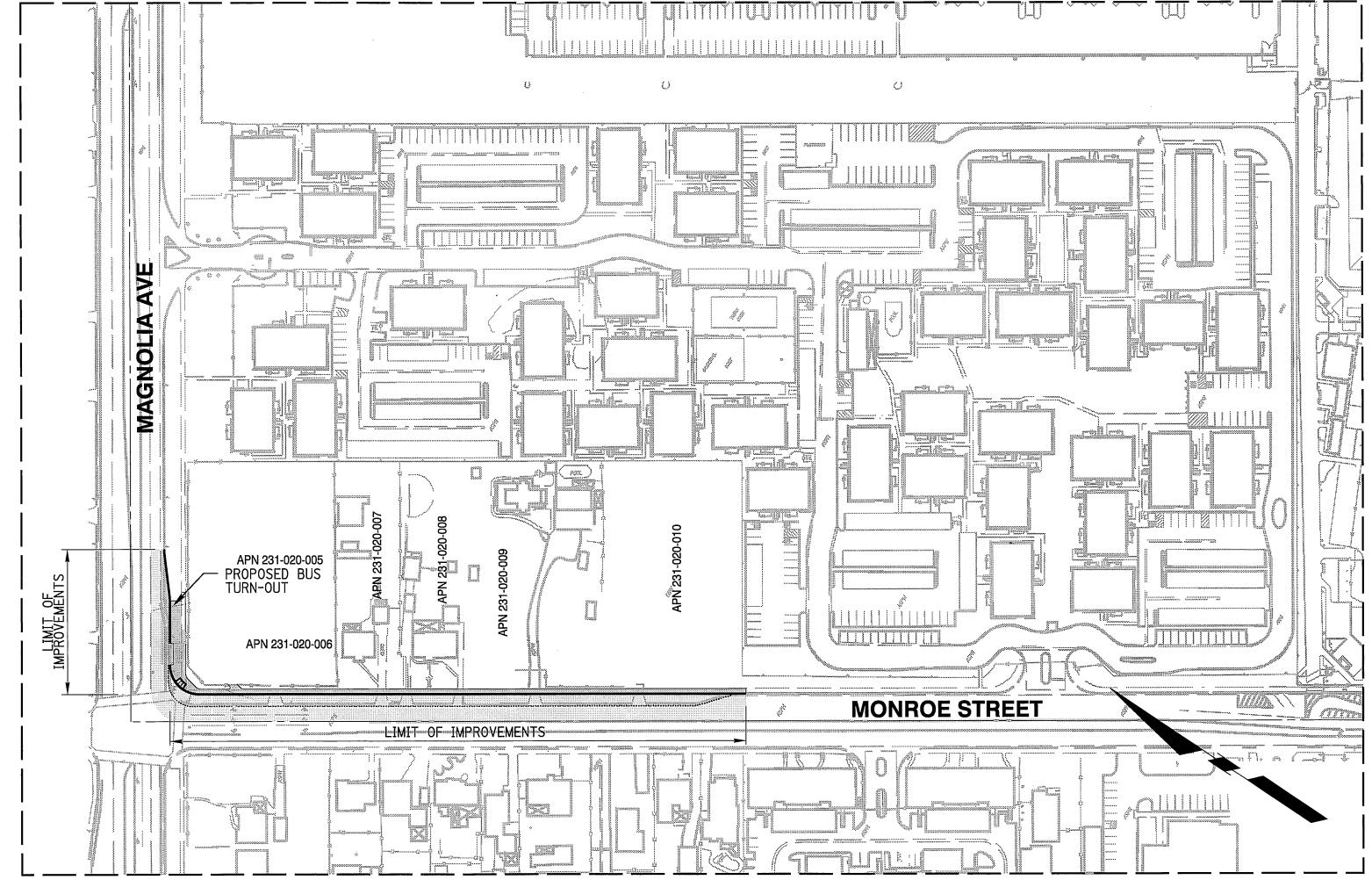
WATER DEPT.

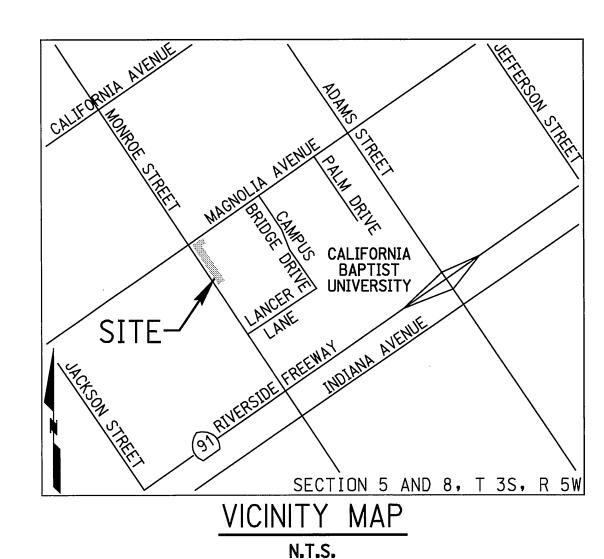


IN THE CITY OF RIVERSIDE, CALIFORNIA

STREET IMPROVEMENT PLANS

CALIFORNIA BAPTIST UNIVERSITY





/BARRY J. COWAN

Exp. 6-30-13

CIVIL

No. 46568

CERTIFICATION NO. 35225 EXP. DATE 7/20/2012

REPARED UNDER THE DIRECTION OF

EXPIRATION DATE 06/30/13

BARRY J. GOWAN

REGISTERED CIVIL ENGINEER NO.

LAKE FOREST, CA 92630

CITY OF RIVERSIDE BENCHMARK G5-A2. ELEVATION=797.89' BRASS DISK STAMPED "G5-A" IN A MONUMENT WELL AT THE INTERSECTION OF ADAMS STREET AND MAGNOLIA AVENUE.

949.588.0707

IGINEERING COMPANY

(FAX)949.588.0709

## WORK TO BE DONE

THESE IMPROVEMENTS CONSIST OF THE FOLLOWING WORK TO BE DONE ACCORDING TO THESE PLANS, THE CURRENT CITY OF RIVERSIDE STANDARDS AND SPECIFICATIONS, AND THE LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORK CONSTRUCTION ("GREEN

## PRIVATE ENGINEER'S NOTE 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 CONTRACTOR'S AND SUBCONTRACTOR'S 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 CIVIL ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTION FOR LIABILITY RISING 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 PRIOR TO WORK OR EXCAVATION TO DETERMINE THE EXACT LOCATIONS OF ALL LINES AFFECTING THIS WORK, WHETHER OR NOT SHOWN HERE ON, AND FOR ANY DAMAGE OR PROTECTION TO THESE LINES.

## OWNER/DEVELOPER

CALIFORNIA BAPTIST UNIVERSITY 8432 MAGNOLIA AVENUE RIVERSIDE, CA. 92504 PHONE: (951) 343-4393 FAX: (951) 354-8502 ATTN: STEVE SMITH

## CIVIL ENGINEER

RICK ENGINEERING COMPANY 2 SOUTH POINTE DRIVE, SUITE 275 LAKE FOREST, CA 92630 ATTN: BARRY COWAN, PE (949) 588-0707

### GEOTECHNICAL ENGINEER

2257 SOUTH LILAC AVENUE BLOOMINGTON, CA 92316 ATTN: JOHN R. BYERLY, GE (909) 877-1324

## ASSESSOR PARCEL NUMBERS

231-020-005, 231-020-006, 231-020-007, 231-020-008, 231-020-009, 231-020-010, 231-020-026

#### SOURCE OF TOPOGRAPHY

RICK ENGINEERING COMPANY FIELD SURVEY MARCH 15, 2010 AND NOVEMBER 29, 2010

#### BASIS OF BEARINGS

THE BASIS OF BEARING FOR THIS SURVEY IS THE CALIFORNIA STATE PLANE COORDINATE SYSTEM, ZONE 6, NORTH AMERICAN DATUM 1983.

### **BENCHMARK**

CITY OF RIVERSIDE BENCHMARK G5-A2, ELEVATION=797.89'. BRASS DISK STAMPED "G5-A" IN A MONUMENT WELL AT THE INTERSECTION OF ADAMS STREET AND MAGNOLIA AVENUE.

HEET INDEX
HEEL INDEX

ETAILS
& PROFILE
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CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT PRINCIPAL ENGINEER M. OGI

Inw / you

DATE 10/14/2011

TRAFFIC DIVISION S. H. 10-5-11

STREET TREES

DESIGNED BY DMB DRAWN BY DMB CHECKED BY BJC

**IMPROVEMENT** PW11-0295 PLANS CALIFORNIA BAPTIST UNIVERSITY R-**4233** TITLE SHEET SHEET 1 OF 5

HORIZ.SCALE 1"=100' VERT.SCALE N/A

PROPOSED AC PAVEMENT	
PROPOSED PCC PAVEMENT	
PROPOSED CURB AND GUTTER	
REMOVALS	
GRIND AND OVERLAY	
EXISTING TOPO LEGEND	
EXISTING FENCE	X
DIRECTION OF FLOW	—
EXISTING SANITARY SEWER MANHOLE	S
EXISTING STORM DRAIN MANHOLE	
EXISTING TELEPHONE VAULT	
EXISTING WATER METER	
EXISTING FIRE HYDRANT	<b>&gt;64</b>
EXISTING POLE AND GUY ANCHOR	
EXISTING POWER POLE	Орр
EXISTING TELEPHONE POLE	, ,
EXISTING JOINT USE POLE	•
EXISTING TRAFFIC SIGNAL PULL BOX	····· <i>T.</i> S
EXISTING TRAFFIC SIGN	·····
EXISTING STREET NAME SIGN	
EXISTING GAS METER	
EXISTING WALK-DON'T WALK PED SIGNAL	0—□
PED PUSH BUTTON	•PPB
EXISTING TRAFFIC SIGNAL	
EXISTING TRAFFIC SIGNAL ON MAST ARM	•
EXISTING TRAFFIC SIGNAL CONTROLLER	······
EXISTING TRAFFIC SIGNAL PRESSURE DETECTOR	
EXISTING TRAFFIC SIGNAL LOOP DETECTOR	·····
EXISTING STREET LIGHT	·····
EXISTING ASPHALT	
EXISTING CONCRETE	CONC
EXISTING BUILDING	
EXISTING PCC CURB	
EXISTING PCC CURB AND GUTTER	
EXISTING WALL	
ABBREVIATIONS	
GRADE BREAK	
TOP OF CURB ELEVATION	
FINISHED SURFACE ELEVATION	
FINISHED GRADE ELEVATION	
EDGE OF PAVEMENT ELEVATIONBEGIN CURB RETURN	

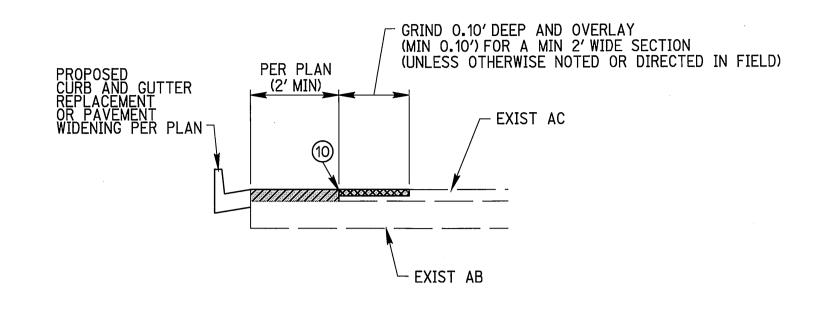
## CONSTRUCTION NOTES AND QUANTITY ESTIMATES 1) PLACE \_\_\_\_ AC PAVEMENT OVER \_\_\_ CLASS II AGGREGATE BASE, PER SOILS REPORT# \_\_\_\_\_, R-VALUE \_\_\_ ..... 2 PLACE 8"PCC PAVEMENT OVER 12"CLASS II AGGREGATE BASE, PER RIVERSIDE TRANSIT AGENCY STANDARDS (3) CONSTRUCT 6"CURB AND GUTTER TYPE I PER CITY OF RIVERSIDE STD 200. .... 4) CONSTRUCT SIDEWALK PER CITY OF RIVERSIDE STD 325 .... 6 CONSTRUCT WHEELCHAIR RAMP PER CITY OF RIVERSIDE STD DWG NO 304, TYPE I ... (7) PROTECT IN PLACE

17 CUT & PLUG EXISTING WATER SERVICES BY CITY FORCES. SEE COMPOSITE UTILITY PLAN......

(15) ADJUST EXISTING MANHOLE TO GRADE ......

(16) ADJUST EXISTING VALVE TO GRADE .....

... 5,910 SF ...4,050 SF (8) REMOVE EXISTING SIDEWALK ..... (9) REMOVE EXISTING CURB AND GUTTER.... 810 LF ....2,150 SF 10) SAWCUT AND REMOVE EXISTING AC PAVEMENT... (11) GRIND AND OVERLAY PER DETAIL ON SHEET 2 ........ ...14,000 SF (12) REMOVE EXISTING DRIVEWAY APPROACH. (13) REMOVE EXISTING TREE ...... ....20 EA 14) REMOVE EXISTING CURB OPENING CATCH BASIN, PLUG EXISTING OUTLET PIPE ......



GRIND AND OVERLAY DETAIL

NOT TO SCALE

VAR 40' TO 46.50' , VAR 5.5' TO 12' LEX AC OVER AGG BASE AGG BASE ▼ - FLOW LINE ELEVATION PER PLAN

... 7,980 SF

1,380 SF

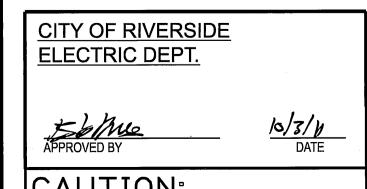
705 LF

PROP R/W EX R/W 40' ▼ - TOP OF CURB ELEVATION PER PLAN EX AC OVER-AGG BASE TYPICAL SECTION: MONROE STREET

TYPICAL SECTION: MAGNOLIA AVE

NTS STA 38+14.50 TO STA 39+24.60

NTS STA 28+30.86 TO STA 34+81.00



CAUTION

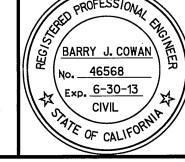
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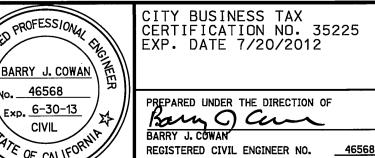
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DIG ALERT

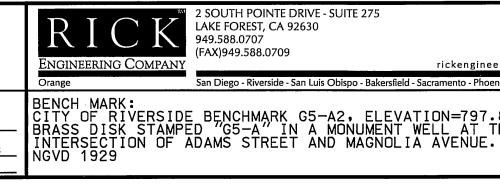
WATER DEPT.

**CITY OF RIVERSIDE** 





EXPIRATION DATE \_\_\_\_\_\_06/30/13



ing.com				
c - Tucson				
19'• IE				
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	DESIGN	ed by <u>DMB</u> drawn by <u>DMB</u> checked	BY	BJC

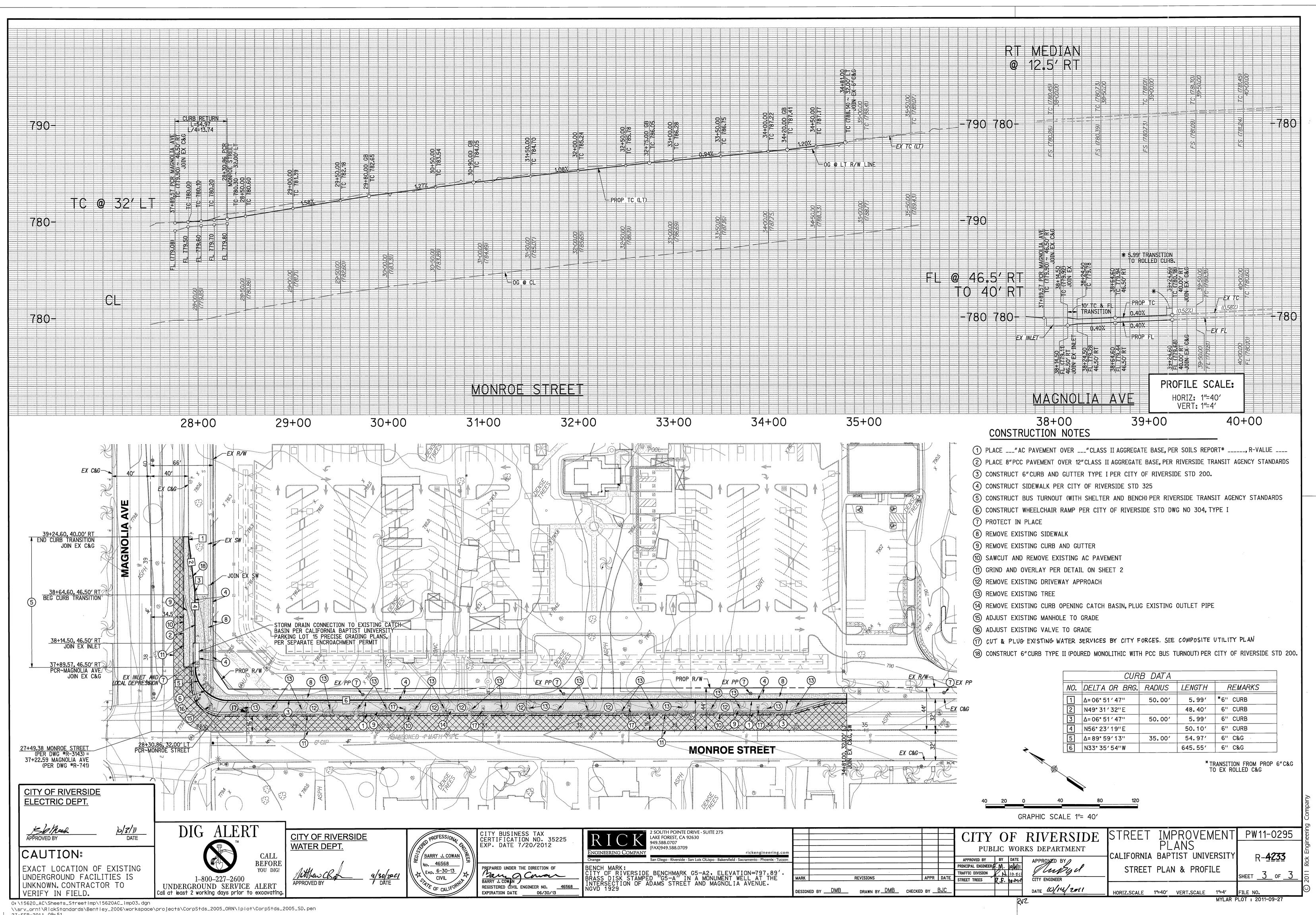
CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT APPROVED BY BY DATE PRINCIPAL ENGINEER F.M. 9611 TRAFFIC DIVISION J. H 10-5-11 STREET TREES R.F. 10-14-1

IMPROVEMENT PW11-0295 PLANS CALIFORNIA BAPTIST UNIVERSIT R-**4233** NOTES AND DETAILS HORIZ.SCALE N/A VERT.SCALE N/A

DATE 10/14/2011

SHEET 2\_ OF \_ MYLAR PLOT : 2011-09-27

VERIFY IN FIELD. Call at least 2 working days prior to excavating O:\15620\_AC\Sheets\_StreetImp\15620AC\_imp02.dgn  $\verb|\color| Standards \verb|\Bentley_2006| workspace| projects \verb|\corpStds_2005_SD | iplot \verb|\corpStds_2005_SD.| pendent | iplot |$ 



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