GENERAL CONSTRUCTION NOTES

1. EXISTING UTILITIES SHOWN ON THIS 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 PLAN. THE CONTRACTOR SHALL CALL IN A LOCATION REQUEST TO UNDERGROUND SERVICE ALERT (U.S.A.), PHONE # 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 THE APPLICANT HAS BEEN PROVIDED AN INQUIRY IDENTIFICATION NUMBER BY U.S.A.
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, 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 PLAN FOR APPROVAL BY THE CITY.
5. TRIM EDGE OF EXISTING PAVEMENT WHERE NEW PAVEMENT JOINS TO A SMOOTH, STRAIGHT LINE. CONSTRUCT MATCH-UP PAVING AS SHOWN ON PLAN AND OVERLAY PAVING AS DIRECTED IN THE FIELD TO PRODUCE A SMOOTH SECTION.
6. 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 MADE TO MAINTAIN SIGNAL OPERATION.
7. CONTRACTOR IS TO VERIFY EXISTING SEWER ELEVATION PRIOR TO CONSTRUCTION. LOCATION OF LATERALS TO BE DETERMINED IN THE FIELD, AVOID CONFLICT WITH PROPOSED AND/OR EXISTING FACILITIES.
8. IN PAVEMENT OVERLAY AREAS, DISTRESSED EXISTING PAVEMENT SHALL BE REMOVED AND REPLACED AS DIRECTED BY THE INSPECTOR PRIOR TO OVERLAYING WITH A.C. PAVING.
9. SEE TRAFFIC SIGNAL PLAN X-377 FOR SIGNAL INSTALLATION.
10. ALL TRAFFIC SIGNS SHALL BE INSTALLED PRIOR TO OPENING THE STREETS TO TRAFFIC.
11. CONTRACTOR TO PROVIDE ALL MATERIALS AND LABOR NECESSARY TO RELOCATE THE EXISTING STREET LIGHT SYSTEM PER P.W. DWG. 4/0/L 5-4113-2 ALL WORK SHALL CONFORM WITH THE PUBLIC UTILITY DEPARTMENT SPECIFICATIONS AND SHALL BE COORDINATED THROUGH THE DEPARTMENTS INSPECTOR (782-5429).
12. CONTRACTOR TO GIVE CITY WATER DIVISION FIVE (5) WORKING DAYS WRITTEN NOTICE PRIOR TO START OF CONSTRUCTION AND TO ALLOW CITY WATER DIVISION TEN (10) WORKING DAYS FOR COMPLETION OF WORK. (909) 351-6168

GENERAL NOTES FOR STREET TREE PLANTING/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 (909) 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:

a. 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;

b. WHILE DIGGING PLANT PITS AND PLANTING/RELOCATING TREES;

c. AFTER PLANTING AND ALL OTHER INDICATED OR SPECIFIED WORK HAS BEEN COMPLETED, FOR START OF MAINTENANCE;

d. AT END OF THE MAINTENANCE PERIOD, THE CONTRACTOR SHALL CALL THE STREET TREE INSPECTOR AT (909) 351-6126 FOR A FINAL ACCEPTANCE INSPECTION IN ORDER TO BE RELEASED FROM MAINTENANCE. CONTRACTOR'S 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.

STREET TREE PLANTING SHALL BE AS FOLLOWS:

STREET NAME: VAN BUREN BOULEVARD
BOTANICAL/COMMON NAME: BRAHEA EDULIS/GUADALUPE PALM
MIN. SIZE: 4' BROWN TRUNK HEIGHT
APPROXIMATE SPACING: 45'
NUMBER REQUIRED: 15

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 REQUIRD 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.

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.

RIVERSIDE, CALIFORNIA

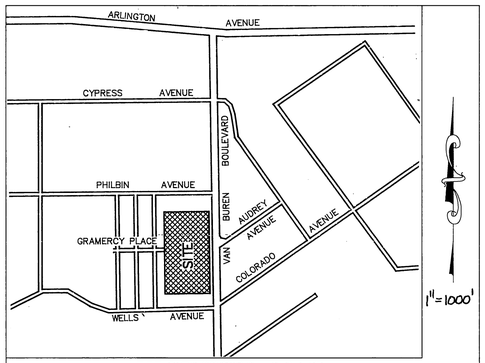
PUBLIC WORKS DEPARTMENT

VAN BUREN BOULEVARD WIDENING

FOR

WAL-MART STORES, INC.

T.I. = 10.5



VICINITY MAP

PRIVATE ENGINEERING NOTE:

CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND CONSTRUCTION CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY, AND HOLD DESIGN PROFESSIONAL HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF DESIGN PROFESSIONAL.

IMPORTANT NOTICE
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CITY OF RIVERSIDE — BUSINESS TAX CERTIFICATE # 052886 (EXP 7/93)

REGISTERED PROFESSIONAL ENGINEER — ROBERT LEE WILLERT — No. C28766 — 6-29-30-94 — CIVIL — STATE OF CALIFORNIA — DATE:

DUNAWAY ASSOCIATES WEST INC
ENGINEERS LANDSCAPE ARCHITECTS PLANNERS
PHOENIX, AZ FORT WORTH, TX ONTARIO, CA
4500 S. LAKESHORE DRIVE
SUITE 250
TEMPE, ARIZONA 85282
(602) 345-0383 FAX (602) 491-2561

MARK	REVISIONS	APPR.	DATE

DESIGNED BY JWC DRAWN BY JWC CHECKED BY FSW

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

APPROVED BY	DATE	BY
PRINCIPLE ENGINEER	3/1/93	FSW
PARK DEPARTMENT	3-3-93	KH
TRAFFIC DIVISION	5/6/93	RS
CHIEF P.W. ENGINEER	5/11/93	WR
	5/10/93	WR

APPROVED BY
PUBLIC WORKS DIRECTOR
DATE 5/13/93

VAN BUREN BLVD.
WIDENING — WEST SIDE
FROM 550' S'LY OF AUDREY AVE TO 445' N'LY
FOR
WAL-MART STORES, INC.
R-2-923 & C-3-923

SCALE: AS NOTED

ACCOUNT NO. R-3319
SHEET 1 OF 3

INDEXED 6-8-93 GH

PC 3545-S

INDEX OF SHEETS

1. COVER SHEET
2. PLAN & PROFILE SHEET
3. SECTIONS

BENCHMARK:

P.K. NAIL IN EAST CURB OF VAN BUREN BOULEVARD 0.5' SOUTH OF THE SOUTHEAST CURB RETURN AT PHILBIN AVENUE.

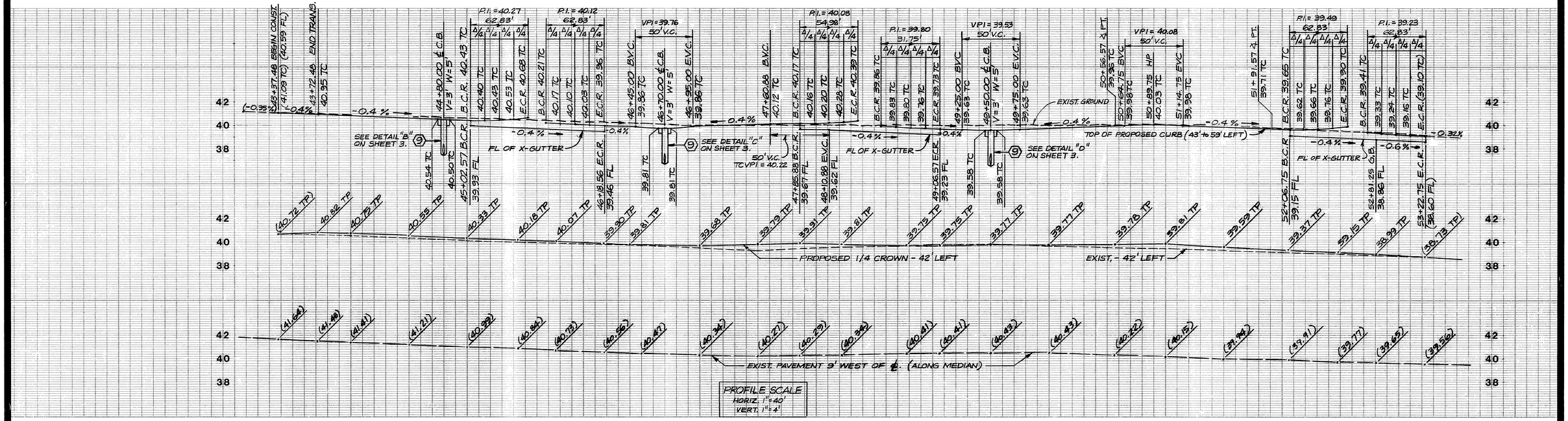
ELEVATION=739.275

CONSTRUCTION LEGEND

CENTER LINE ℄
RIGHT-OF-WAY LINE R/W
SUBDIVISION LOT LINE P℄
TOP OF SLOPE
TOE OF SLOPE
DIRECTION OF FLOW
POWER POLES AND/OR STREET LIGHTS TO BE INSTALLED BY CITY FORCES. P
PROPOSED STREET LIGHTS.
SEWER LINE. S
SEWER MANHOLE. Ⓢ
WATER LINE. W
GAS LINE. G
STORM DRAIN MANHOLE. Ⓓ
STORM DRAIN. S.D.
FLOW LINE FL
TOP OF CURB. TC
GUTTER. G
PAVEMENT. P

SPECIAL CONSTRUCTION NOTES

1. STREET LIGHT TO BE RELOCATED BY CONTRACTOR. SEE NOTE 11
2. TO BE ABANDONED/RELOCATED BY PUBLIC UTILITIES DEPARTMENT, WATER DIVISION.
3. RELOCATE OR INSTALL SIGNS AS SHOWN ON THE PLAN, PER SPECIAL PROVISIONS, AND AS DIRECTED BY THE ENGINEER (SEE PLAN XL-519 FOR PROPOSED LOCATIONS).
4. POWER POLE OR POWER POLE/STREET LIGHT COMBINATION TO BE RELOCATED BY THE CITY OF RIVERSIDE.
5. CONSTRUCT WHEELCHAIR RAMP PER CALTRANS STANDARD PLAN NSP A88 CASE C
6. CONSTRUCT CURB AND GUTTER PER STANDARD DRAWING NO. 200, TYPE I, 6"CF.
7. CONSTRUCT CROSS GUTTER PER STANDARD DRAWING NO. 220, W = 8'
8. CONSTRUCT CURB SIDEWALK PER STANDARD DRAWING NO. 325.
9. CONSTRUCT CATCH BASIN PER STANDARD DRAWING NO. 405, W = 5', V = 3'.
10. REMOVE EXISTING MEDIAN WHERE SHADED. MEET AND MATCH EXISTING CURB AND PAVEMENT. CURB TO BE PER STANDARD DRAWING 200, TYPE II. PAVEMENT TO BE 0.5' THICK OVER 1.60' OF CRUSHED AGGREGATE BASE.
11. A.C. OVERLAY - VARIABLE THICKNESS.
12. CONSTRUCT 0.5' A.C. OVER 1.60' CRUSHED AGGREGATE BASE. R-VALUE = 22 PER R-1835.
13. CONSTRUCT JUNCTION STRUCTURE NO. 4 PER STANDARD DRAWING NO. 423, CASE I.
14. INSTALL 18" R.C.P. STORM DRAIN LATERAL. D2000. CASE I BEDDING PER STANDARD DRAWING NO. 452.
15. CONSTRUCT WHEELCHAIR RAMP PER STD. DWG. NO. 304.
16. INSTALL STREET TREES PER DEPT. OF PARKS & RECREATION SPECIFICATIONS.



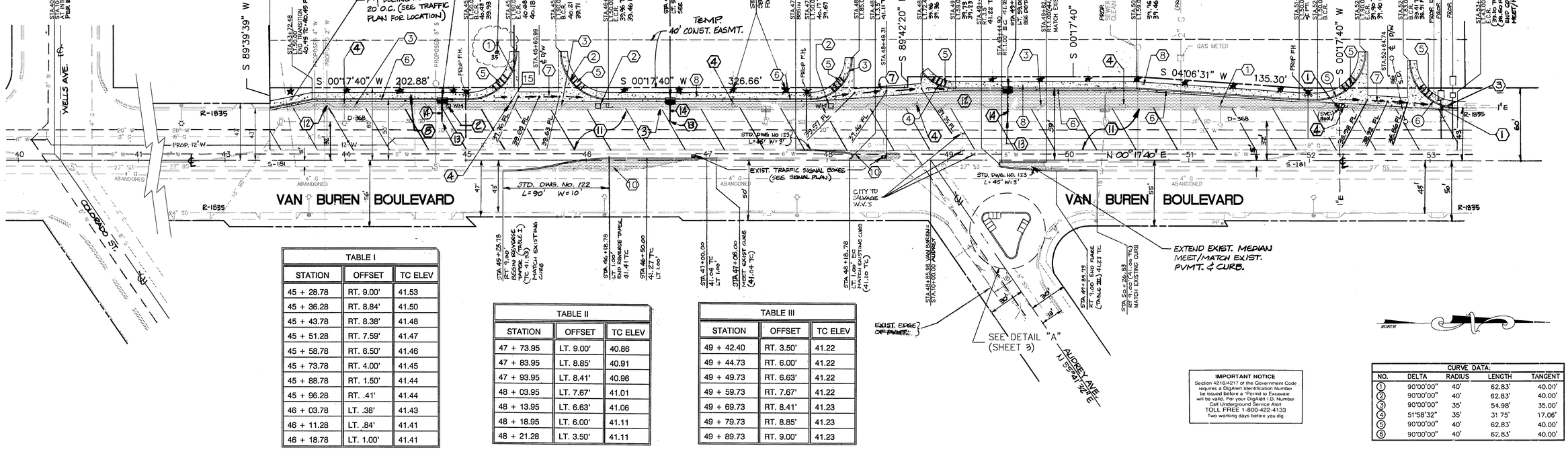


TABLE I		
STATION	OFFSET	TC ELEV
45 + 28.78	RT. 9.00'	41.53
45 + 36.28	RT. 8.84'	41.50
45 + 43.78	RT. 8.38'	41.48
45 + 51.28	RT. 7.59'	41.47
45 + 58.78	RT. 6.50'	41.46
45 + 73.78	RT. 4.00'	41.45
45 + 88.78	RT. 1.50'	41.44
45 + 96.28	RT. .41'	41.44
46 + 03.78	LT. .38'	41.43
46 + 11.28	LT. .84'	41.41
46 + 18.78	LT. 1.00'	41.41

TABLE II		
STATION	OFFSET	TC ELEV
47 + 73.95	LT. 9.00'	40.86
47 + 83.95	LT. 8.85'	40.91
47 + 93.95	LT. 8.41'	40.96
48 + 03.95	LT. 7.67'	41.01
48 + 13.95	LT. 6.63'	41.06
48 + 18.95	LT. 6.00'	41.11
48 + 21.28	LT. 3.50'	41.11

TABLE III		
STATION	OFFSET	TC ELEV
49 + 42.40	RT. 3.50'	41.22
49 + 44.73	RT. 6.00'	41.22
49 + 49.73	RT. 6.63'	41.22
49 + 59.73	RT. 7.67'	41.22
49 + 69.73	RT. 8.41'	41.23
49 + 79.73	RT. 8.85'	41.23
49 + 89.73	RT. 9.00'	41.23

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TOLL FREE 1-800-422-4133
Two working days before you dig

CURVE DATA:				
NO.	DELTA	RADIUS	LENGTH	TANGENT
①	90°00'00"	40'	62.83'	40.00'
②	90°00'00"	40'	62.83'	40.00'
③	90°00'00"	35'	54.98'	35.00'
④	51°58'32"	35'	31.75'	17.06'
⑤	90°00'00"	40'	62.83'	40.00'
⑥	90°00'00"	40'	62.83'	40.00'

BENCHMARK: G3-K
P.K. NAIL IN EAST CURB OF VAN BUREN BOULEVARD 0.5' SOUTH OF THE SOUTH-EAST CURB RETURN AT PHILBIN AVENUE.
ELEVATION: 739.275

PACIFIC BELL TELEPHONE CO. — APPROVED BY — DATE

CITY OF RIVERSIDE WATER DEPT. (VOID 1 YEAR FROM THIS DATE) — Richard L. Dalak — APPROVED BY — 5-4-93 DATE

SOUTHERN CALIFORNIA GAS CO. — K. D. Sanborn — APPROVED BY — 3-18-93 DATE

CITY OF RIVERSIDE ELECTRICAL DEPT. — APPROVED BY — DATE

CENCOM CABLE — Robert L. Stallcheck — APPROVED BY — 3/15/93 DATE

REGISTERED PROFESSIONAL ENGINEER — ROBERT LEE MILLER — No. C28766 — EXP. 9-30-94 — CIVIL — STATE OF CALIFORNIA — DATE

DUNAWAY ASSOCIATES WEST INC
ENGINEERS LANDSCAPE ARCHITECTS PLANNERS
PHOENIX, AZ FORT WORTH, TX ONTARIO, CA
4500 S. LAKESHORE DRIVE
SUITE 250
TEMPE, ARIZONA 85282
(602) 345-0383 FAX (602) 491-2581

MARK | REVISIONS | APPR. | DATE
DESIGNED BY JWC DRAWN BY JWC CHECKED BY FSW

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

APPROVED BY	DATE	BY
PRINCIPLE ENGINEER	5/7/93	[illegible]
PARK DEPARTMENT	5-3-93	[illegible]
TRAFFIC DIVISION	5/6/93	[illegible]
CHIEF P.W. ENGINEER	5/7/93	[illegible]
	5/10/93	[illegible]

APPROVED BY [signature] PUBLIC WORKS DIRECTOR DATE 5/13/93

VAN BUREN BLVD.
WIDENING - WEST SIDE
FROM 550' S'LY OF AUDREY AVE TO 445' N'LY
FOR
WAL★MART STORES, INC.
R-2-923 & C-3-923

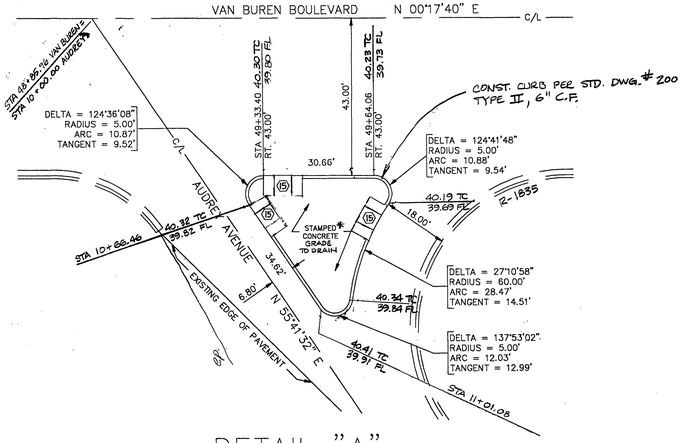
HORIZ. SCALE: 1"= 40' VERT. SCALE: 1"= 4'

ACCOUNT NO. R-3319
SHEET 2 OF 3

KARL4

INDEXED 6-8-93 HH

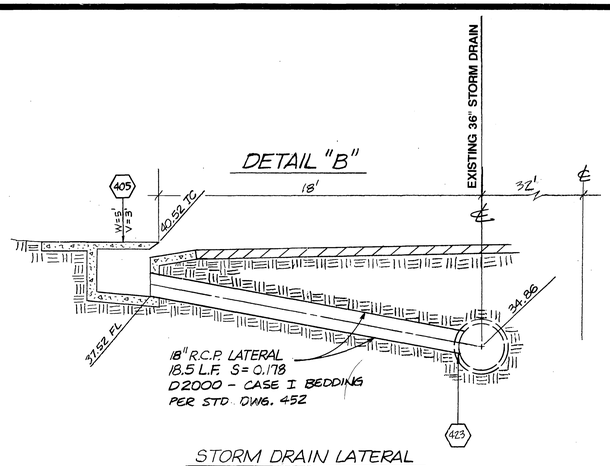
PC 3545-S



DETAIL "A"

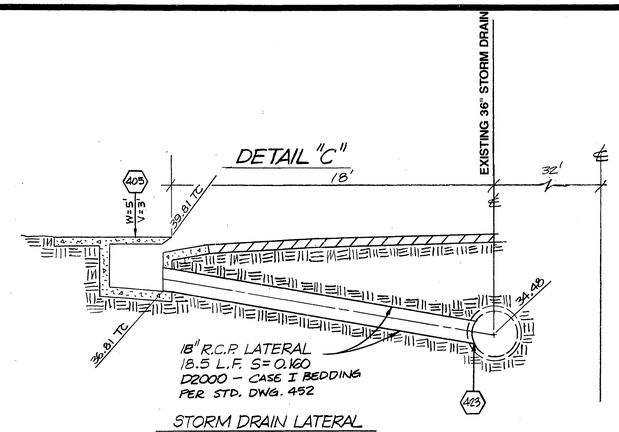
1" = 20'

* COLOR & PATTERN TO MATCH MEDIAN IN VAN BUREN BLVD.



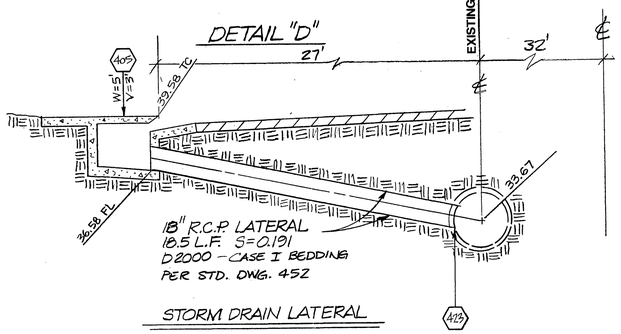
STORM DRAIN LATERAL

STA. 44+80.00
1" = 4'



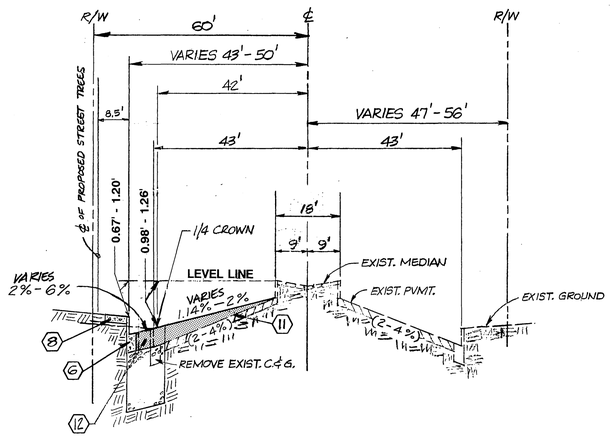
STORM DRAIN LATERAL

STA. 46+70.00
1" = 4'



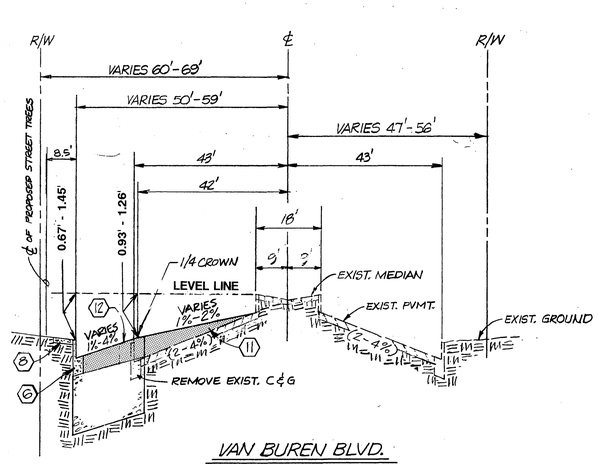
STORM DRAIN LATERAL

STA. 49+50.00
1" = 4'



VAN BUREN BLVD.

STA 43+72.48 to 47+85.88
℄
STA 51+91.57 to 52+80.75
T.I. = 10.5 R VALUE = 22 (PER R-1835)
1" = 20'



VAN BUREN BLVD.

STA 47+85.88 to 51+91.57
T.I. = 10.5 R VALUE = 22 (PER R-1835)
1" = 20'

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BENCHMARK: G3-K
P.K. NAIL IN EAST CURB OF VAN BUREN BOULEVARD 0.5' SOUTH OF THE SOUTH-EAST CURB RETURN AT PHILBIN AVENUE.
ELEVATION: 739.275

PACIFIC BELL TELEPHONE CO.
APPROVED BY _____ DATE 12-15-93

CITY OF RIVERSIDE WATER DEPT.
(VOID ONE YEAR FROM THIS DATE)
APPROVED BY Richard L. Durbak DATE 5-4-93

SOUTHERN CALIFORNIA GAS CO.
APPROVED BY K.D. Gourley DATE 3-18-93

CITY OF RIVERSIDE ELECTRICAL DEPT.
APPROVED BY [illegible] DATE 5/3/93

CENCOM CABLE
APPROVED BY Robert Stubblefield DATE 3/5/93

REGISTERED PROFESSIONAL ENGINEER Richard M. Miller EXP 9-30-94 DATE

DUNAWAY ASSOCIATES WEST INC
ENGINEERS LANDSCAPE ARCHITECTS PLANNERS
PHOENIX, AZ FORT WORTH, TX ONTARIO, CA
4500 S. LAKESHORE DRIVE
SUITE 250
TEMPE, ARIZONA 85282
(602) 345-0383 FAX (602) 491-2581

MARK REVISIONS APPR. DATE
DESIGNED BY JWC DRAWN BY JWC CHECKED BY FSW
RAR4

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

APPROVED BY	DATE	BY
PRINCIPAL ENGINEER	5/13/93	[illegible]
PARK DEPARTMENT	5-3-93	[illegible]
TRAFFIC DIVISION	5/6/93	[illegible]
CHIEF P. W. ENGINEER	5/11/93	ANC
	5/10/93	WJL

APPROVED BY Dan Kopulos
PUBLIC WORKS DIRECTOR
DATE 5/13/93

VAN BUREN BLVD.
WIDENING – WEST SIDE
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SHEET 3 OF 3

INDEXED 6-8-93 GH

PC 3545-S