

### CONSTRUCTION NOTES:

- NUMBERS ABOVE 100 IN A HEXAGON ON THE PLAN REFER TO THE RESPECTIVE STANDARD DRAWING AND SHALL BE CONSTRUCTED ACCORDINGLY. UNLESS MODIFICATIONS ARE NOTED ON THE PLAN OR COVER SHEET, ANY NUMBER SHOWN BELOW THE STANDARD DRAWING NUMBER INDICATES THE SPECIFIC ALTERNATE TO BE CONSTRUCTED.
- ADJ ADJUST EXISTING FACILITY TO GRADE, DESCRIPTION (---) PER PLAN. (MH) SEWER STORM DRAIN OR WATER. (GV) GATE VALVE. (WM) WATER METER. (MW) MONITORING WELL. (PB) PULLBOX. (ETS) ELECTRICAL TESTING STATION. (EV) ELECTRICAL VAULT.
- CIR COLD IN-PLACE RECYCLE THE UPPER 0.25' OF THE EXISTING ASPHALT PAVEMENT.
- OL CONSTRUCT A.R.H.M.-GG AC OVERLAY (0.12" MIN. THICKNESS) FOLLOWING COLD IN-PLACE RECYCLE.
- S CONSTRUCT 0.12" A.R.H.M.-GG AC OVERLAY OVER 0.60' (B-PG-64-10) DGAC OVER 1.0' CRUSHED MISCELLANEOUS BASE.
- CM1 0.12' DEEP MINIMUM LINEAR COLD MILL OF EXISTING AC PAVEMENT. WIDTH OF LINEAR COLD MILL SHALL BE 10' WIDE.
- CM2 VARIABLE AREA COLD MILL OF EXISTING AC PAVEMENT. DEPTH OF VARIABLE AREA COLD MILL SHALL BE A MINIMUM OF 0.12'.
- PIP PROTECT IN PLACE EXISTING FACILITY, DESCRIPTION (---) PER PLAN. SGN= SIGN, WM= WATER METER, LGT= STREET LIGHT, PP= POWER POLE, PB= PULLBOX, CLF= CHAIN LINK FENCE, MC= MEDIAN CURB, C&G= CURB AND GUTTER, GUT= X-GUTTER, SC= STAMPED CONCRETE, WL= WALL, VLT= VAULT
- E ELECTRIC FACILITY TO BE RELOCATED BY RIVERSIDE PUBLIC UTILITIES, ELECTRIC DIVISION. CONTRACTOR RESPONSIBLE TO COORDINATE ALL RELOCATIONS.
- W1 3/4", 1" OR 2" WATER FACILITY TO BE EXTENDED BY RIVERSIDE PUBLIC UTILITIES DEPARTMENT, WATER DIVISION.
- W2 2" LANDSCAPE SERVICE #474C TO BE CUT AND PLUGGED BY RIVERSIDE PUBLIC UTILITIES DEPARTMENT, WATER DIVISION.
- W3 4" FIRE HYDRANT TO BE SHORTENED BY RIVERSIDE PUBLIC UTILITIES DEPARTMENT, WATER DIVISION.
- W4 2" WATER AIR VALVE TO BE EXTENDED BY RIVERSIDE PUBLIC UTILITIES DEPARTMENT, WATER DIVISION.
- R REMOVE TREES AS NEEDED, (CLASS I 6"-18", CLASS II 18"-36", CLASS III OVER 36").
- REL SEE SHEET 11 OF THIS PLAN SET FOR STREET LIGHT AND STREET LIGHT PULLBOX RELOCATIONS AND NEW STREET LIGHT AND NEW STREET LIGHT PULLBOX LOCATIONS.
- CAB CABLE FACILITIES TO BE RELOCATED BY TIME WARNER.
- TR FOR RELOCATION/REMOVAL OF TRAFFIC FACILITY, SEE SIGNAL AND STRIPING PLANS.
- TEL TELEPHONE FACILITIES TO BE RELOCATED BY AT&T.
- REM SAWCUT AND REMOVE ALL EXISTING IMPROVEMENTS AS INDICATED.
- LS CONSTRUCT HARDSCAPE AND INSTALL LANDSCAPE AS SHOWN ON SHEETS 8 THROUGH 10 AND AS DESCRIBED IN SPECIAL PROVISIONS.
- IRR CONTRACTOR TO DESIGN, FURNISH AND INSTALL A NEW DRIP IRRIGATION SYSTEM FOR ALL NEW MEDIANS WITHIN THE PROJECT LIMITS INCLUDING ALL ELECTRICAL AND WATER SERVICE EQUIPMENT AND MATERIALS. EXISTING IRRIGATION TO BE REMOVED, ABANDONED, RELOCATED AND/OR MODIFIED AS NEEDED.
- SC CONSTRUCT STAMPED CONCRETE AS SHOWN ON LANDSCAPE PLANS AND AS DESCRIBED IN SPECIAL PROVISIONS.
- RC CONSTRUCT RETAINING CURB MONOLITHIC WITH SIDEWALK. HEIGHT VARIES FROM 4" TO 18".
- REM WM EXISTING WATER SERVICE IS ABANDONED. CONTRACTOR TO CUT AND REMOVE EXISTING WATER METER AND PULLBOX.
- REC BF CONTRACTOR SHALL RECONSTRUCT 4" THICK PCC SLAB, STEEL CAGE AND EXTEND EXISTING LANDSCAPE BACKFLOW DEVICE AS NEEDED PER DETAIL 2002 IN SPECIAL PROVISIONS TO MATCH GRADE OF PROPOSED SIDEWALK AND PROVIDE A MINIMUM OF 48" CLEARANCE BETWEEN CAGE AND PROPOSED CURB FACE.
- RCP 15 FURNISH AND INSTALL 15" DIAMETER RCP STORM DRAIN.
- RCP 18 FURNISH AND INSTALL 18" DIAMETER RCP STORM DRAIN.
- DWY PCC MATCHUP TO EXISTING DRIVEWAY WITH 6" THICK PCC CONCRETE OVER COMPACTED NATIVE.
- DWY AC MATCHUP TO EXISTING DRIVEWAY WITH 6" THICK AC PAVEMENT OVER 95% COMPACTED NATIVE.
- SD SAWCUT EXISTING RCP STORM DRAIN AND CONSTRUCT CONCRETE COLLAR. CONTINUE GRADE (1% MIN.) OF EXISTING RCP AND CONSTRUCT NEW RCP FROM COLLAR TO PROPOSED CATCH BASIN.
- PLG REMOVE STORM DRAIN INLET, FILL WITH 1 SACK SLURRY AND PLUG.
- INL CONTRACTOR SHALL REMOVE GRATE INLET AND RECONSTRUCT TOP OF BOX TO BE MANHOLE FRAME AND COVER PER ALHAMBRA FOUNDRY: A-1495 OR EQUAL AS APPROVED BY ENGINEER. SEE CITY OF RIVERSIDE STD. DWG NO. 500.
- RL IN AREAS WHERE PARWAYS NEED TO BE RE-GRADED OR CONCRETE HAS BEEN REMOVED AND NOT REPLACED, CONTRACTOR SHALL PLANT NEW SOD AND/OR MATCH EXISTING LANDSCAPE IN-KIND. ALL IRRIGATION SHALL BE REPAIRED AND/OR MODIFIED AS NEEDED TO PROVIDE NECESSARY IRRIGATION TO THESE LANDSCAPED AREAS.
- BS CONSTRUCT PCC BUS PAD PER DETAIL IN SPECIAL PROVISIONS.
- 423 CT CONSTRUCT JUNCTION STRUCTURE PER CITY OF RIVERSIDE STANDARD NO. 423, CASE 1. AT LOCATION OF EXISTING LATERAL CONNECTION, CONTRACTOR SHALL DOWEL INTO EXISTING 45" RCP STORM DRAIN AND RECONSTRUCT CONCRETE AROUND EXISTING HOLE.
- SH RECONSTRUCT PORTION OF MANHOLE SHAFT IF NEEDED TO BRING TO PROPOSED GRADE.

Remove & REPLACE STAMPED CONCRETE "IN-KIND"

MONOLITHIC CURB SHALL TERMINATE AT LOCAL DEPRESSIONS. BUS PAD AROUND LOCAL DEPRESSIONS SHALL BE DOUBLED INTO DEPRESSION AS NEEDED.

**BENCHMARK G3-K3**

P.K. NAIL IN THE EAST CURB OF VAN BUREN BLVD. 0.5 FEET SOUTHERLY OF THE SOUTHEAST CURB RETURN OF A DRIVEWAY TO A SHOPPING CENTER AT THE INTERSECTION OF VAN BUREN BLVD. AND PHILBIN AVE.

ELEVATION: 739.275 (NGVD 29)



**ENGINEER IN RESPONSIBLE CHARGE**

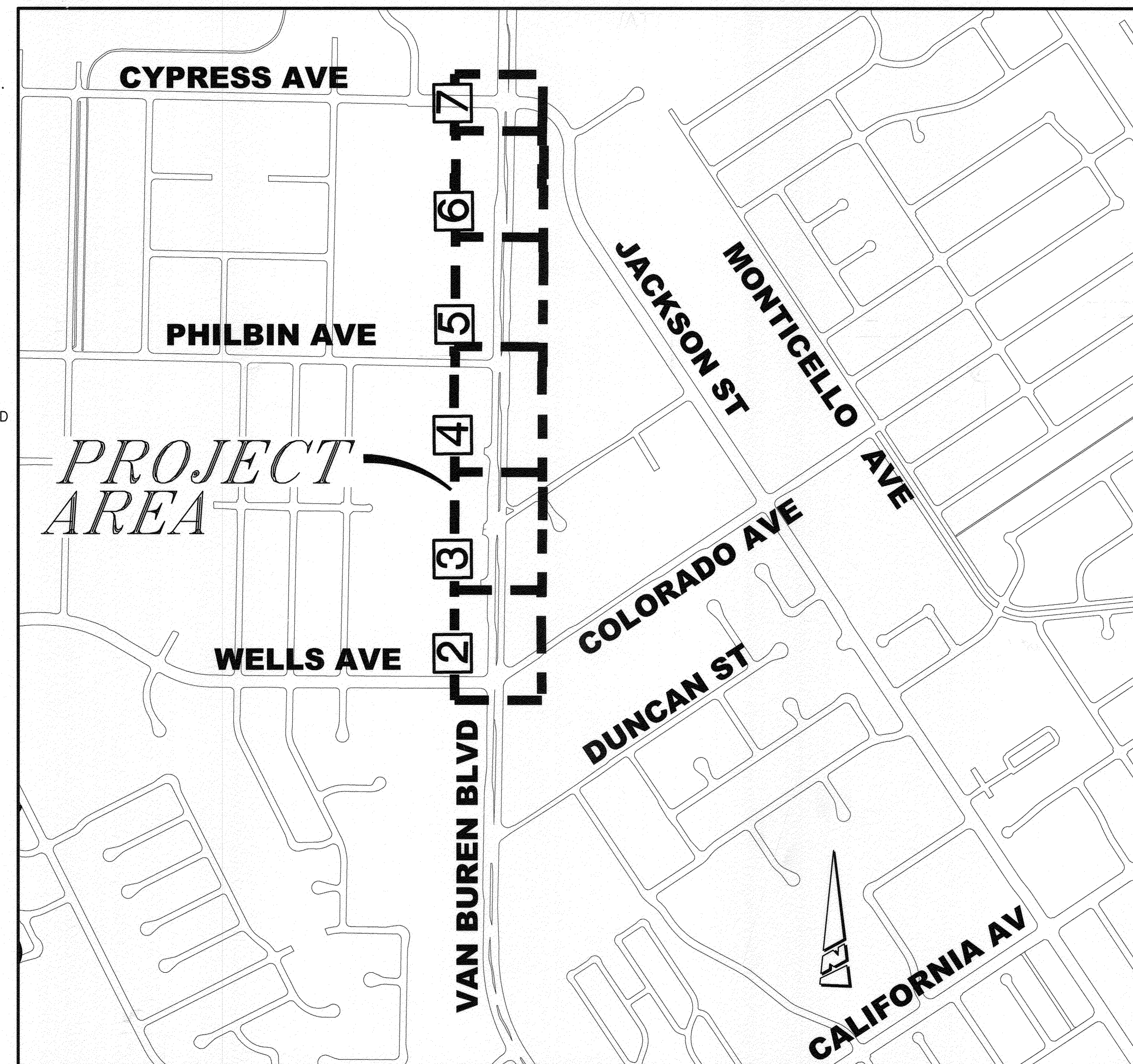
Edward Van...  
Name: Edward Van...  
R.C.E. No. 63753 EXPIRES: 9-30-14  
DATE: March 16, 2013

DESIGNED BY	CS	DRAWN BY	CS	CHECKED BY	EL
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CITY OF RIVERSIDE, CALIFORNIA DEPARTMENT OF PUBLIC WORKS			
APPROVED BY	BY	DATE	APPROVED BY
ENGINEERING MANAGER	F.m.	3/26/13	CITY ENGINEER
CONSTRUCTION ADMIN.	J.C.	4/1/13	
TRAFFIC DIVISION	J.H.	4-1-13	
STREETS SERVICES			
SURVEYOR			

STREET IMPROVEMENTS	
<b>VAN BUREN BOULEVARD FROM WELLS AVENUE TO JACKSON STREET</b>	
TITLE SHEET AND GENERAL NOTES	R-4242
SHEET 1 OF 11	
HORIZ. SCALE: N/A	VERT. SCALE: N/A
FILE NAME: R4242-01	

## PUBLIC WORKS DEPARTMENT VAN BUREN BOULEVARD STREET IMPROVEMENTS FROM WELLS AVENUE TO JACKSON STREET



### LOCATION/ INDEX MAP

N.T.S.

### LEGEND

- RECONSTRUCT AC PAVEMENT OR PCC. DESCRIPTION PER PLAN.
- PAVEMENT REHABILITATION PER PLAN
- STAMPED CONCRETE
- NEW PCC PER PLAN

### GENERAL NOTES:

1. PRIME CONTRACTOR BIDDING THIS PROJECT SHALL HAVE A CLASS "A" OR CLASS "C-12" LICENSE.
2. 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 WITHIN THE CONSTRUCTION WORK AREAS WHETHER OR NOT SHOWN ON THE PLAN. MH'S & WATER VALVES SHALL BE "TIED OUT" PRIOR TO PAVEMENT WORK FOR SUBSEQUENT ADJUSTMENT WORK. FIRE HYDRANTS MUST BE LOCATED DURING CONSTRUCTION FOR BLUE MARKER INSTALLATIONS.
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", 2009 EDITION.
4. ALL COLD MILLING SHALL TAKE PLACE PRIOR TO PAVEMENT REMOVAL AND REPLACEMENT.
5. NEW STRUCTURAL SECTION FOR ALL PAVEMENT REMOVALS SHALL BE 0.12" A.R.H.M.-GG AC OVERLAY OVER 0.60' (B-PG-64-10) DGAC OVER 1.0' CRUSHED MISCELLANEOUS BASE.
6. ANY TEMPORARY TRAFFIC CONTROL STRIPING OBLITERATED AND/OR BADLY WORN DURING CONSTRUCTION SHALL BE RESTORED BY THE CONTRACTOR WITHIN ONE DAY AFTER NOTIFICATION FROM THE CITY INSPECTOR.
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 DIRECTED IN THE FIELD TO PRODUCE A SMOOTH SECTION.
8. SURVEY STAKING REQUESTS AND GRADE SHEETS ARE REQUIRED FOR THE REPLACEMENT OF ALL CURBS AND/OR GUTTER OVER 50' IN LENGTH. SURVEY REQUESTS SHALL BE SUBMITTED AFTER THE EXISTING IMPROVEMENTS HAVE BEEN REMOVED. CONTRACTOR SHALL ALLOW 4 WORKING DAYS AFTER REQUESTING SURVEY TO SCHEDULE SURVEY AND PROCESS GRADE SHEETS. CONTRACTOR SHALL PROVIDE TRAFFIC CONTROL FOR ALL REQUIRED CONSTRUCTION SURVEY WORK BY CITY PERSONNEL.
9. A MINIMUM COVER OF 24" SHALL BE MAINTAINED ABOVE ALL WATER LINES DURING ALL EXCAVATION, BACKFILL AND COMPACTION ACTIVITIES DURING STREET IMPROVEMENTS. CONTACT TONI REDMAN @951-826-2126 IF COVER IS REDUCED BEYOND THIS OR FOR ANY OTHER QUESTIONS REGARDING THIS REQUIREMENT.
10. WHERE GRADE IS EQUAL TO OR GREATER THAN 0.4%, CURB AND GUTTER SHALL BE STAKED WITH 3' OFFSETS AT 25' INTERVALS. WHERE GRADE IS LESS THAN 0.4%, CURB AND GUTTER SHALL BE STAKED WITH 3' OFFSETS AT 12.5' INTERVALS AND 2 ROWS OF #3 RE-BAR SHALL BE PLACED IN GUTTER WITH 3/4" DOWEL PINS AT ALL EXPANSION JOINTS.

### SHEET INDEX

#### STREET PLANS (R-4242)

SHEET NO.	DESCRIPTION
1	TITLE SHEET & GENERAL NOTES
2	WELLS AVENUE TO STA 59+50
3	STA 59+50 TO 65+50
4	STA 65+50 TO 71+50
5	STA 71+50 TO 77+50
6	STA 77+50 TO 83+50
7	STA 83+50 TO JACKSON STREET & STORM DRAIN LINE "A"
8	HARDSCAPE, LANDSCAPE, IRRIGATION DETAILS & NOTES
9	HARDSCAPE AND PLANTING PLAN (AUDREY ST. TO STA. 74+50)
10	HARDSCAPE AND PLANTING PLAN (STA. 74+50 TO JACKSON ST.)
11	STREET LIGHTING PLAN

### EXISTING UNDERGROUND UTILITIES:

SANITARY SEWER	EX SWR
WATER LINE	EX WTR
STORM DRAIN	EX SD
UNDERGROUND	(UG)
GAS	(G)
CABLE TV	(UC)

### TRAFFIC SIGNAL PLANS (X-377A, X-419B, X-474A, X-492A)

PLAN NO.	# OF SHEETS	DESCRIPTION
X-377A	1	VAN BUREN BOULEVARD AND AUDREY AVENUE
X-419B	1	VAN BUREN BOULEVARD AND JACKSON STREET/CYPRESS AVENUE
X-474A	1	VAN BUREN BOULEVARD AND PHILBIN AVENUE
X-492A	1	VAN BUREN BOULEVARD AND VAN BUREN PLAZA

### TRAFFIC PLANS (XL-688)

PLAN NO.	# OF SHEETS	DESCRIPTION
XL-688	2	VAN BUREN BOULEVARD FROM WELLS AVENUE TO JACKSON STREET

### EXISTING TOPOGRAPHY:

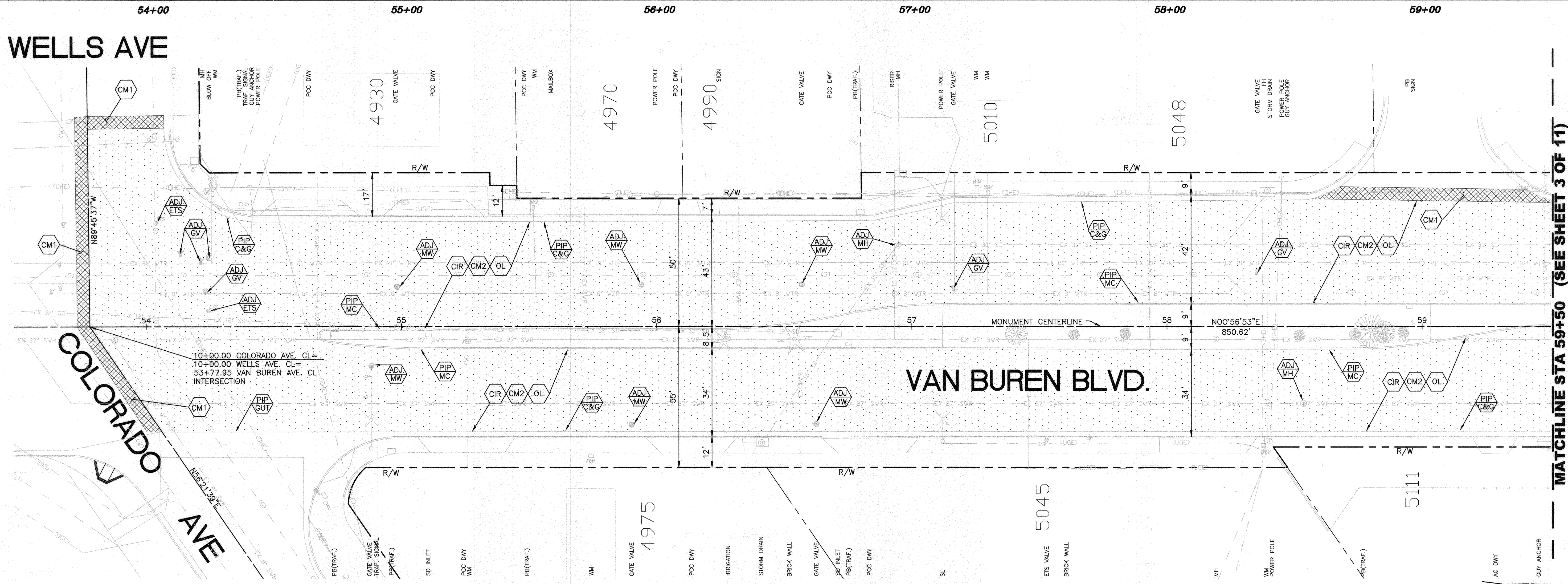
- MONITORING WELL
- SANITARY SEWER M.H.
- STORM DRAIN M.H.
- WATER GATE VALE
- ELECTRIC M.H.
- TELEPHONE M.H.
- WATER METER
- ELECTRICAL TEST STATION (PIPELINE)
- FIRE HYDRANT
- IRRIGATION METER
- BLOW-OFF VALVE
- TRAFFIC SIGN
- POWER POLE
- GUY ANCHOR
- STREET LIGHT ON MAST ARM
- PCC PAVEMENT
- BUILDING
- PALM TREE
- MISC. TREE
- TOP OF SLOPE
- TOE OF SLOPE
- DIRECTION DRAINAGE FLOW
- EDGE OF PAVEMENT

AS-BUILT 10-27-15 DE

INDEXED 10-27-15 DE



HORZ. SCALE: 1" = 20'  
VERT. SCALE: 1" = 4'

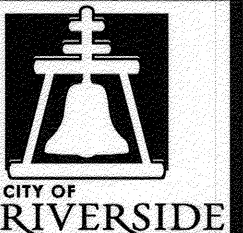
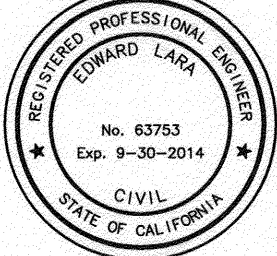


MATCHLINE STA 59+50 (SEE SHEET 3 OF 11)

SCALE: 1"=20'

**BENCHMARK G3-K3**  
P.K. NAIL IN THE EAST CURB OF VAN BUREN BLVD. 0.5 FEET SOUTHERLY OF THE SOUTHEAST CURB RETURN OF A DRIVEWAY TO A SHOPPING CENTER AT THE INTERSECTION OF VAN BUREN BLVD. AND PHILBIN AVE.  
ELEVATION: 739.275 (NGVD 29)

 Under Ground Service Alert of Southern California  
Call: TOLL FREE 1-800-227-2600  
TWO WORKING DAYS BEFORE YOU DIG

 **ENGINEER IN RESPONSIBLE CHARGE**  
*Edward Ladd*  
Name: Edward Ladd  
R.C.E. No. 63753 EXPIRES: 9-30-14  
DATE: March 26, 2013  


MARK	REVISIONS	APPR.	DATE

DESIGNED BY CS DRAWN BY CS CHECKED BY EL

**CITY OF RIVERSIDE, CALIFORNIA**  
**DEPARTMENT OF PUBLIC WORKS**

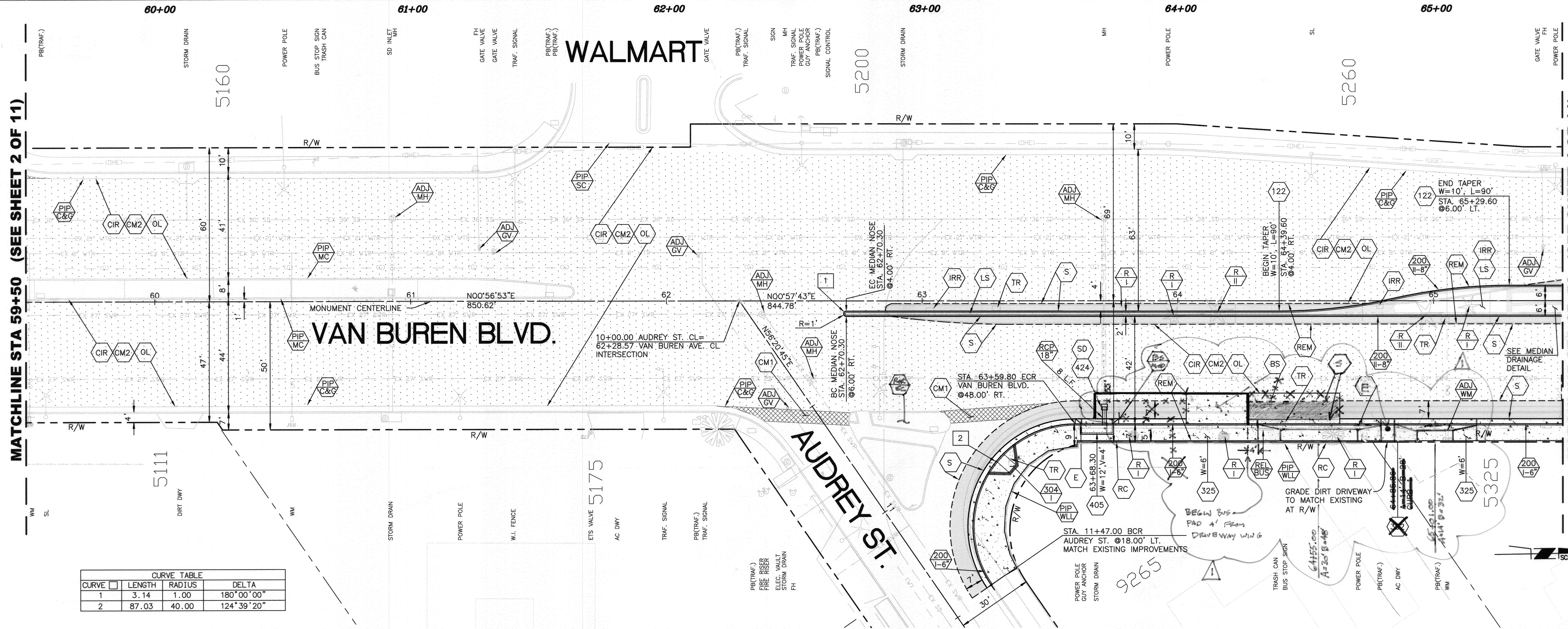
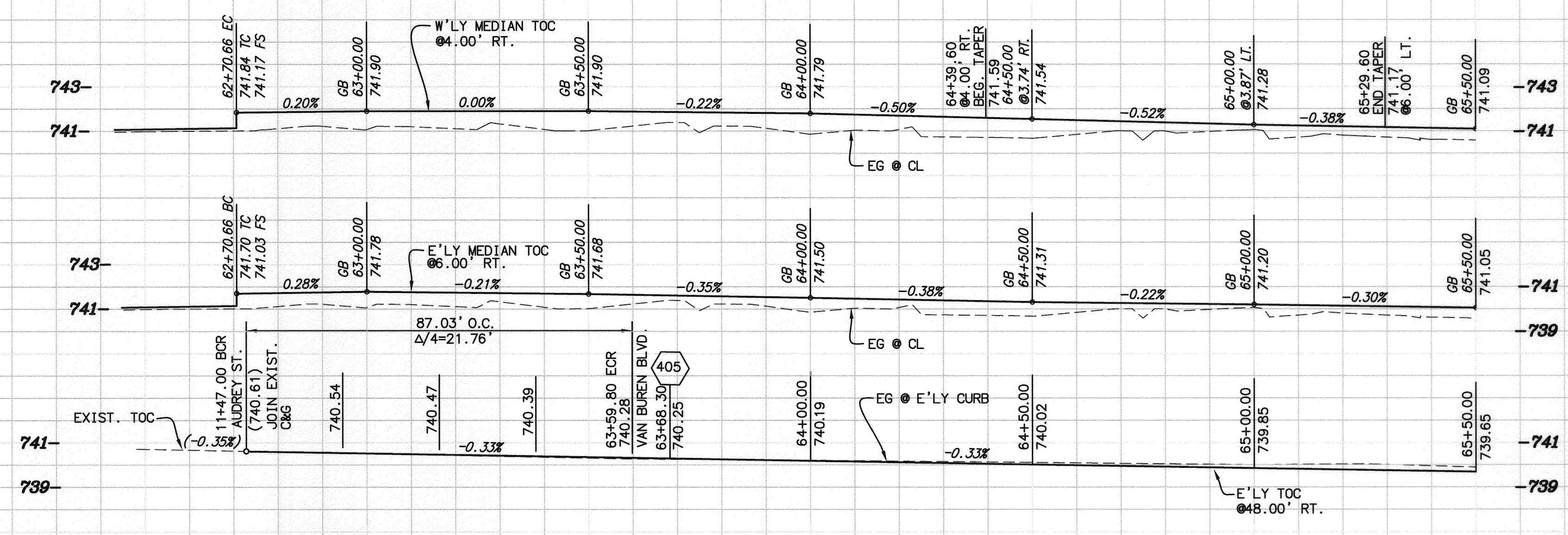
APPROVED BY	BY	DATE	APPROVED BY
ENGINEERING MANAGER	<i>[Signature]</i>	3/26/13	<i>[Signature]</i>
CONSTRUCTION ADMIN.	<i>[Signature]</i>	4/1/13	CITY ENGINEER
TRAFFIC DIVISION	<i>[Signature]</i>	4-1-13	DATE 4/1/2013
STREETS SERVICES	<i>[Signature]</i>	4/1/13	
SURVEYOR			

**STREET IMPROVEMENTS**  
**VAN BUREN BOULEVARD**  
FROM WELLS AVENUE  
TO JACKSON STREET  
WELLS AVENUE TO STA 59+50  
HORIZ. SCALE: 1"=20' VERT. SCALE: N/A

DESIGN WORK ORDER NO: 1201403  
CONSTR. WORK ORDER NO: 1320138  
**R-4242**  
SHEET **2** OF **11**  
FILE NAME: R4242-02



HORZ. SCALE: 1" = 20'  
VERT. SCALE: 1" = 4'



CURVE TABLE			
CURVE	LENGTH	RADIUS	DELTA
1	3.14	1.00	180°00'00"
2	87.03	40.00	124°39'20"

MATCHLINE STA 59+50 (SEE SHEET 2 OF 11)

MATCHLINE STA 65+50 (SEE SHEET 4 OF 11)

**BENCHMARK G3-K3**  
P.K. NAIL IN THE EAST CURB OF VAN BUREN BLVD. 0.5 FEET SOUTHERLY OF THE SOUTHEAST CURB RETURN OF A DRIVEWAY TO A SHOPPING CENTER AT THE INTERSECTION OF VAN BUREN BLVD. AND PHILBIN AVE.  
ELEVATION: 739.275 (NGVD 29)

**Under Ground Service Alert of Southern California**  
Call: TOLL FREE 1-800-227-2600  
**TWO WORKING DAYS BEFORE YOU DIG**

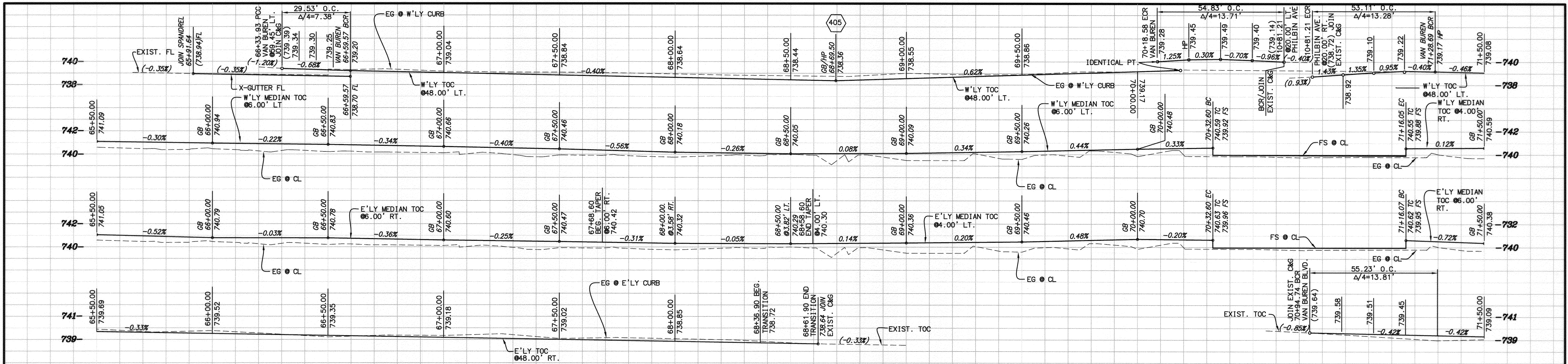
**ENGINEER IN RESPONSIBLE CHARGE**  
Name: *Shawn Lee*  
R.C.E. No. 63753 EXPIRES: 9-30-14  
DATE: *March 26, 2013*

**CITY OF RIVERSIDE, CALIFORNIA**  
DEPARTMENT OF PUBLIC WORKS  
APPROVED BY: *[Signature]* DATE: *3/26/13*  
CONSTRUCTION ADMIN. DATE: *4/1/13*  
TRAFFIC DIVISION DATE: *4-1-13*  
STREETS SERVICES SURVEYOR DATE: *4/1/13*

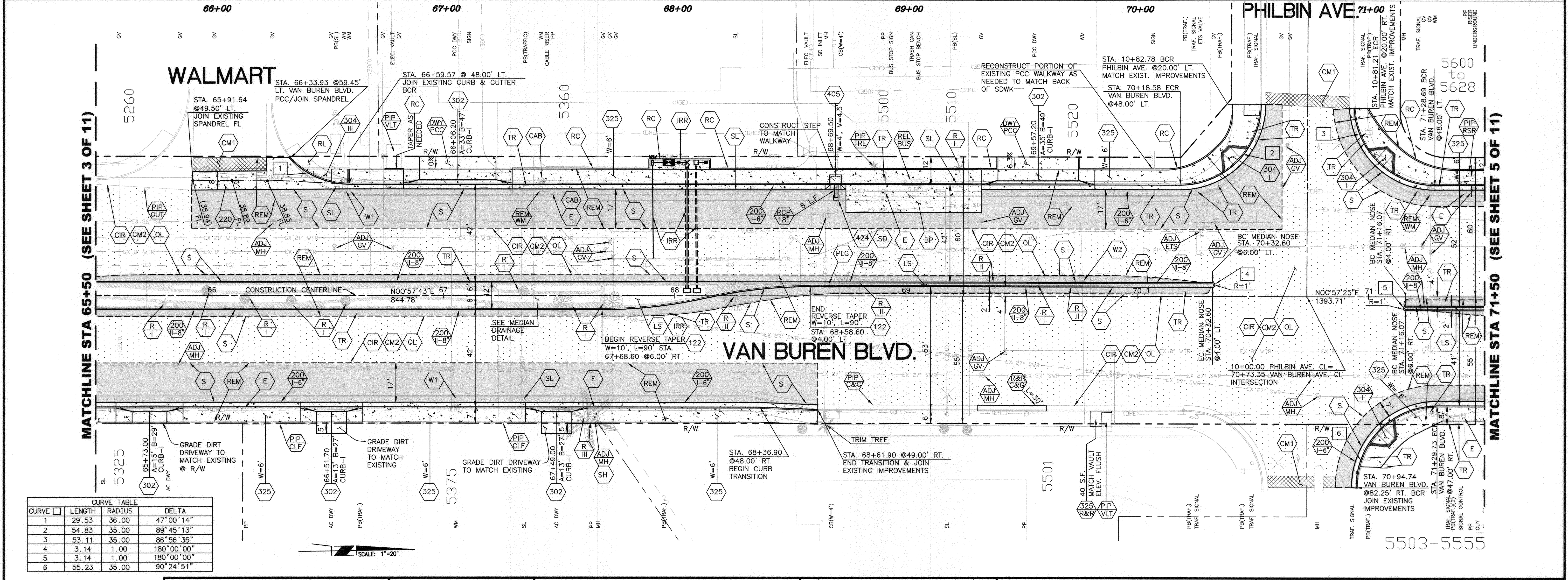
**STREET IMPROVEMENTS**  
**VAN BUREN BOULEVARD**  
FROM WELLS AVENUE TO JACKSON STREET  
STA 59+50 TO STA 65+50  
HORIZ. SCALE: 1"=20' VERT. SCALE: 1"=4'

DESIGN WORK ORDER NO.: 1201403  
CONSTR. WORK ORDER NO.: 1320138  
**R-4242**  
SHEET **3** OF **11**  
FILE NAME: R4242-03





HORIZ. SCALE: 1" = 20'  
 VERT. SCALE: 1" = 4'



CURVE	LENGTH	RADIUS	DELTA
1	29.53	36.00	47°00'14"
2	54.83	35.00	89°45'13"
3	53.11	35.00	86°56'35"
4	3.14	1.00	180°00'00"
5	3.14	1.00	180°00'00"
6	55.23	35.00	90°24'51"

**BENCHMARK G3-K3**  
 P.K. NAIL IN THE EAST CURB OF VAN BUREN BLVD. 0.5 FEET SOUTHERLY OF THE SOUTHEAST CURB RETURN OF A DRIVEWAY TO A SHOPPING CENTER AT THE INTERSECTION OF VAN BUREN BLVD. AND PHILBIN AVE.  
 ELEVATION: 739.275 (NGVD 29)



**ENGINEER IN RESPONSIBLE CHARGE**  
*Edward Lee*  
 Name: Edward Lee  
 R.C.E. No. 63753 EXPIRES: 9-30-14  
 DATE: March 26, 2013

MARK	REVISIONS	APPR.	DATE

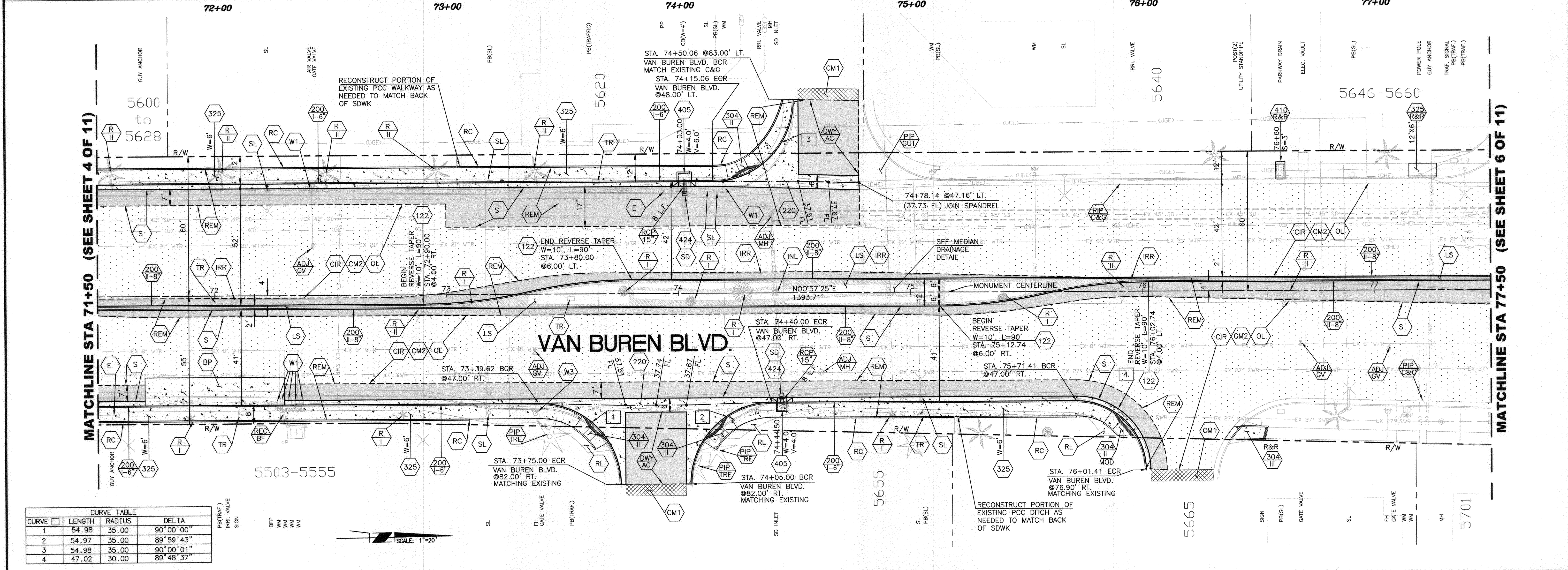
**CITY OF RIVERSIDE, CALIFORNIA**  
**DEPARTMENT OF PUBLIC WORKS**  
 APPROVED BY: [Signature]  
 BY: [Signature]  
 DATE: 3/27/13  
 TRAFFIC DIVISION: [Signature]  
 DATE: 4-1-13

**STREET IMPROVEMENTS**  
**VAN BUREN BOULEVARD**  
**FROM WELLS AVENUE**  
**TO JACKSON STREET**  
 STA 65+50 TO STA 71+50  
 HORIZ. SCALE: 1"=20' VERT. SCALE: 1"=4'

DESIGN WORK ORDER NO.: 1201403  
 CONSTR. WORK ORDER NO.: 1320138  
**R-4242**  
 SHEET **4** OF **11**  
 FILE NAME: R4242-04

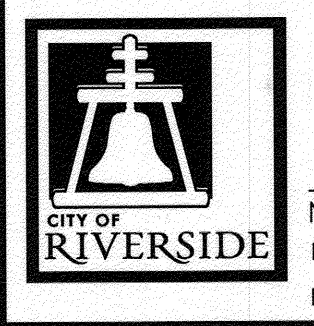


HORIZ. SCALE: 1" = 20'  
VERT. SCALE: 1" = 4'

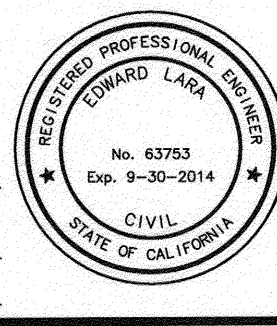


CURVE	LENGTH	RADIUS	DELTA
1	54.98	35.00	90°00'00"
2	54.97	35.00	89°59'43"
3	54.98	35.00	90°00'01"
4	47.02	30.00	89°48'37"

**BENCHMARK G3-K3**  
P.K. NAIL IN THE EAST CURB OF VAN BUREN BLVD. 0.5 FEET SOUTHERLY OF THE SOUTHEAST CURB RETURN OF A DRIVEWAY TO A SHOPPING CENTER AT THE INTERSECTION OF VAN BUREN BLVD. AND PHILBIN AVE.  
ELEVATION: 739.275 (NGVD 29)



**ENGINEER IN RESPONSIBLE CHARGE**  
*Edward L. ...*  
Name: *Edward L. ...*  
R.C.E. No. 63753 EXPIRES: 9-30-14  
DATE: *March 26, 2012*



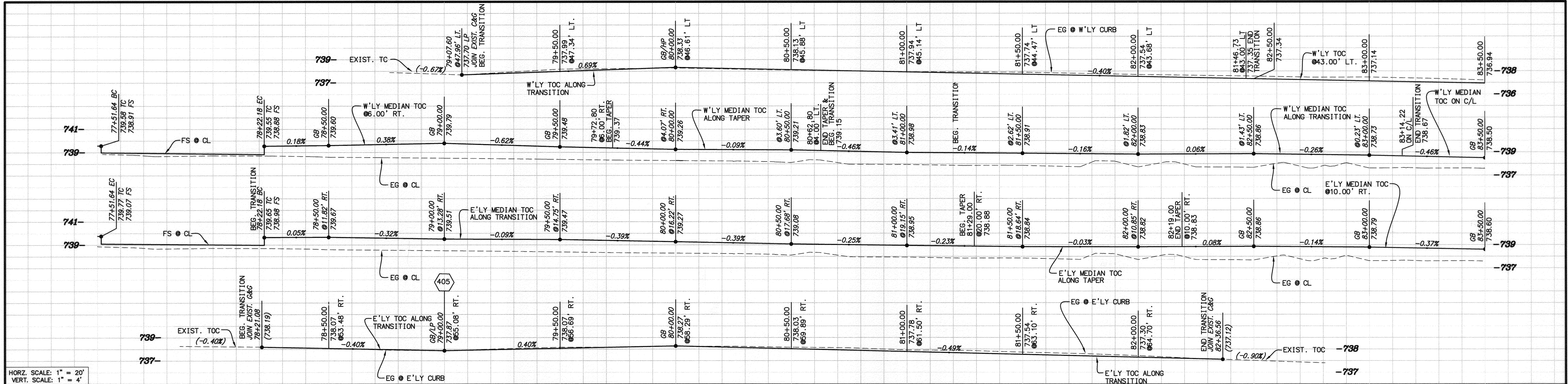
MARK	REVISIONS	APPR.	DATE

**CITY OF RIVERSIDE, CALIFORNIA**  
**DEPARTMENT OF PUBLIC WORKS**  
APPROVED BY: *[Signature]* DATE: *3/26/13*  
CONSTRUCTION ADMIN. DATE: *4/11/13*  
TRAFFIC DIVISION DATE: *4/1/13*  
SURVEYOR DATE: *4/1/13*

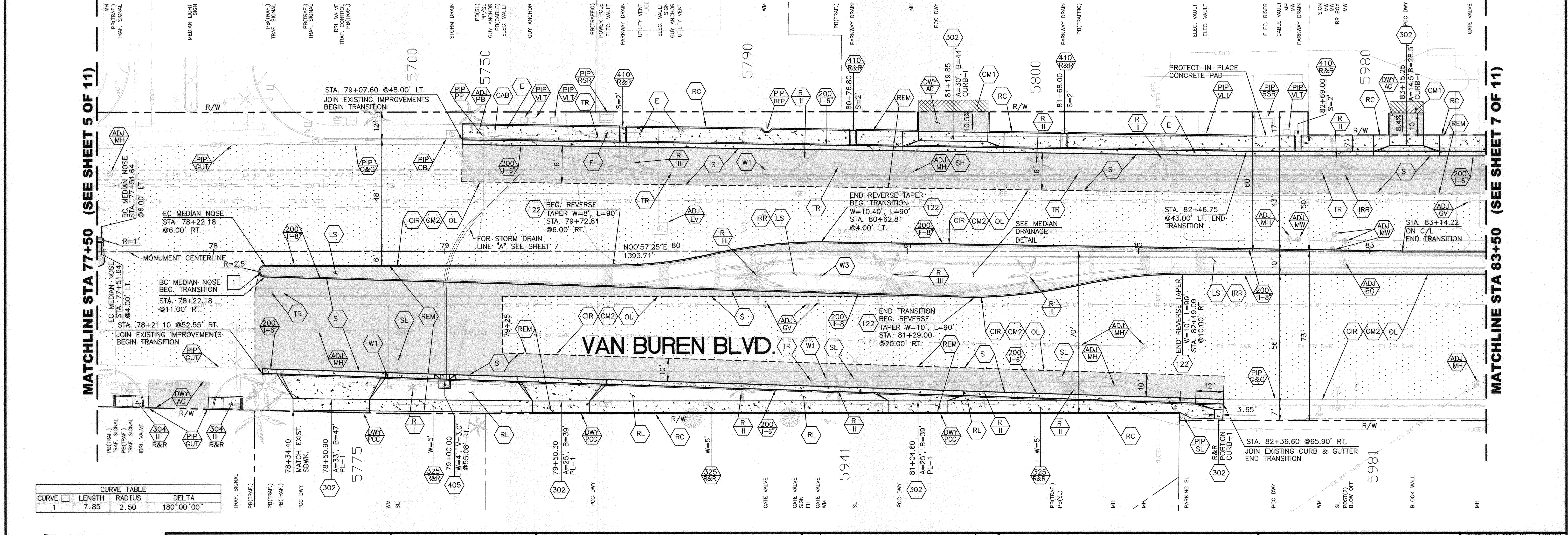
**STREET IMPROVEMENTS**  
**VAN BUREN BOULEVARD**  
FROM WELLS AVENUE TO JACKSON STREET  
STA 71+50 TO STA 77+50  
HORIZ. SCALE: 1"=20' VERT. SCALE: 1"=4'

DESIGN WORK ORDER NO.: 1201403  
CONSTR. WORK ORDER NO.: 1320138  
**R-4242**  
SHEET **5** OF **11**  
FILE NAME: R4242-05





HORZ. SCALE: 1" = 20'  
 VERT. SCALE: 1" = 4'



CURVE	LENGTH	RADIUS	DELTA
1	7.85	2.50	180°00'00"

SCALE: 1" = 20'

**BENCHMARK G3-K3**  
 P.K. NAIL IN THE EAST CURB OF VAN BUREN BLVD. 0.5 FEET SOUTHERLY OF THE SOUTHEAST CURB RETURN OF A DRIVEWAY TO A SHOPPING CENTER AT THE INTERSECTION OF VAN BUREN BLVD. AND PHILBIN AVE.  
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 of Southern California  
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 TWO WORKING DAYS BEFORE YOU DIG

**ENGINEER IN RESPONSIBLE CHARGE**  
 Name: *Charles Lee*  
 R.C.E. No. 63753 EXPIRES: 9-30-14  
 DATE: *March 26, 2013*

MARK	REVISIONS	APPR.	DATE

**CITY OF RIVERSIDE, CALIFORNIA**  
**DEPARTMENT OF PUBLIC WORKS**  
 APPROVED BY: *[Signature]* DATE: *3/26/13*  
 CONSTRUCTION ADMIN. *[Signature]* DATE: *4/1/13*  
 TRAFFIC DIVISION *[Signature]* DATE: *4-1-13*  
 STREETS SERVICES SURVEYOR *[Signature]*

**STREET IMPROVEMENTS**  
**VAN BUREN BOULEVARD**  
 FROM WELLS AVENUE TO JACKSON STREET  
 STA 77+50 TO STA 83+50  
 HORIZ. SCALE: 1" = 20' VERT. SCALE: 1" = 4'

DESIGN WORK ORDER NO: 1201403  
 CONSTR. WORK ORDER NO: 1320138  
**R-4242**  
 SHEET **6** OF **11**  
 FILE NAME: R4242-06







**POINT OF CONNECTION ELECTRIC NOTES**

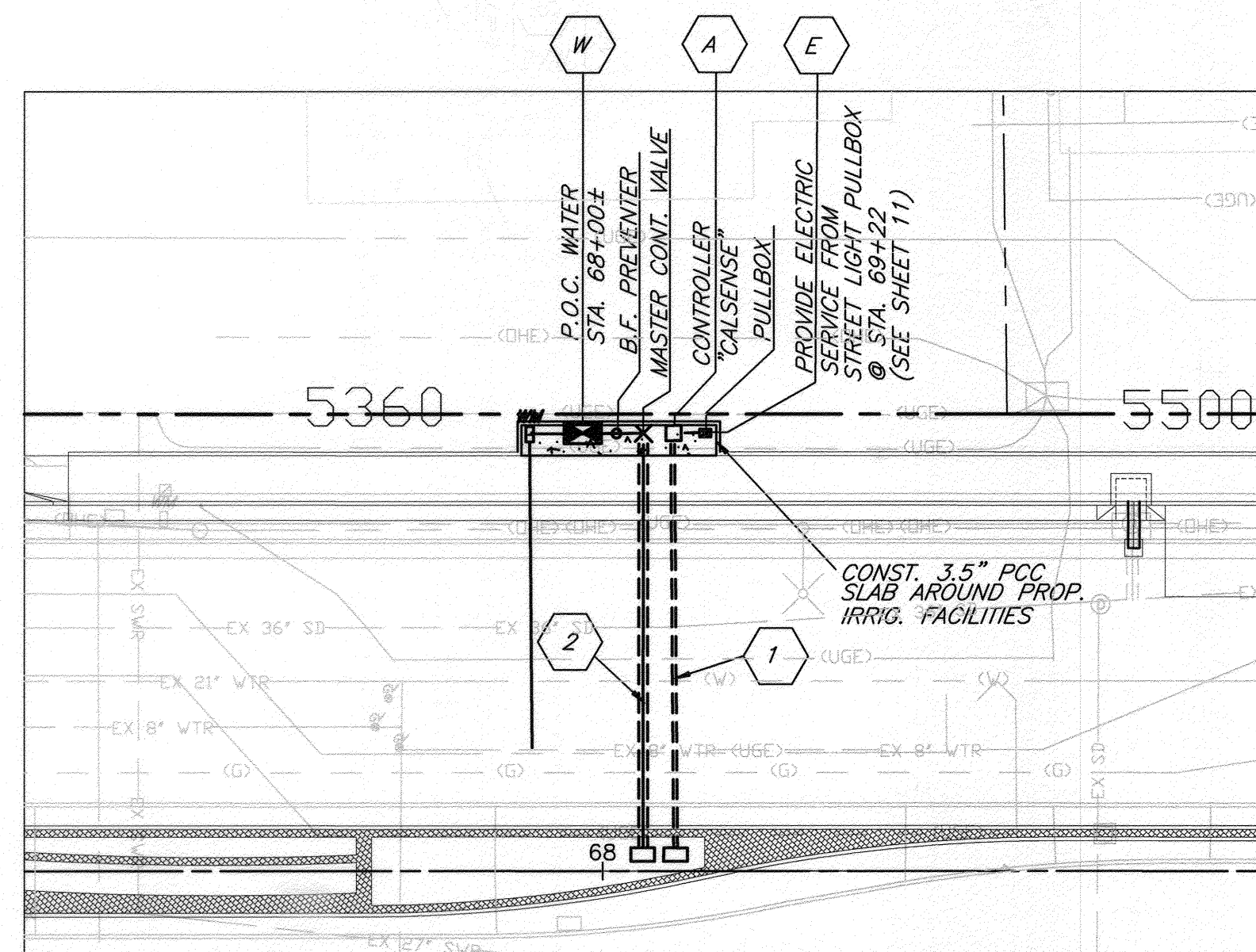
- SIX WEEKS IN ADVANCE OF REQUIRING POWER TO THE IRRIGATION CONTROLLER BOX, THE CONTRACTOR SHALL REQUEST THE RIVERSIDE PUBLIC UTILITIES DEPARTMENT, ELECTRIC DIVISION TO ENERGIZE A HARD WIRED CONNECTION (NO ELECTRIC METER IS REQUIRED AT THIS LOCATION) AT THE CONTROLLER BOX. RPU'S COST FOR THE WORK SHALL BE CHARGED TO THE WORK ORDER NUMBER SHOWN AT THE BOTTOM RIGHT HAND CORNER OF THE LANDSCAPE DETAILS PLAN.
- ALL FACILITIES INSTALLED BY THE CONTRACTOR SHALL BE INSPECTED AND APPROVED BY THE UTILITIES DEPT. CONSTRUCTION INSPECTOR (PH. ANY CHANGES SHALL BE APPROVED BY R.P.U. ELECTRIC PRIOR TO EXECUTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL PHASES OF CONSTRUCTION WITH THE UTILITIES DEPT. CONSTRUCTION INSPECTOR AND CONSTRUCTION SUPERINTENDENT (PH. 826-2415).
- ALL IRRIGATION CONTROLLER FEED POINTS TO BE CONNECTED BY R.P.U. ELECTRIC AND ENERGIZED WHEN CLEARED BY RPU ELECTRIC INSPECTOR.
- ALL WIRE TO BE #8 CU. THW OR AS SHOWN ON THE PLANS.
- CONDUIT AND FITTINGS TO BE IN CONFORMANCE WITH UGS-100. BACKFILL TO BE TYPE AND COMPACTED AS SPECIFIED IN UGS-100.1.
- PROVIDE RELEASE LETTER AUTHORIZING ENERGIZATION, SIGNED BY RESPONSIBLE PERSON IN CHARGE. OBTAIN FORM LETTER FROM RPU ELECTRIC INSPECTOR.
- CONTRACTOR SHALL FURNISH AND INSTALL ALL MATERIALS AS NECESSARY TO THE RIVERSIDE PUBLIC UTILITIES ELECTRIC POINT OF CONNECTION.

**IRRIGATION CONSTRUCTION NOTES:**

- ALL IRRIGATION LINES TO BE INSTALLED UNDER HARDSCAPE AREAS SHALL BE INSTALLED IN SCH. 40 P.V.C. SLEEVES. MINIMUM SLEEVE SIZE SHALL BE TWICE THE DIAMETER OF THE IRRIGATION PIPE SIZE.
- ALL IRRIGATION CONTROL WIRES TO BE INSTALLED UNDER HARDSCAPE AREAS SHALL BE INSTALLED IN A MINIMUM OF 1" SCH. 40 P.V.C. SLEEVE.
- ALL IRRIGATION VALVES, BALL VALVES, QUICK COUPLERS AND BOXES ARE TO BE LOCATED IN PLANTING AREAS.
- BACKFLOW PREVENTER AND PRESSURE REGULATOR ARE REQUIRED.

**IRRIGATION CONSTRUCTION LEGEND:**

- 1) INSTALL 2" DIA. P.V.C. SCH. 40 SLEEVING, EXTENDING 1' INTO PLANTING AREA OF MEDIAN WITH A MINIMUM OF 24" COVER, TERMINATING IN BROOKS #3 PULLBOX OR CITY APPROVED EQUAL W/TRAFFIC COVER, AT EACH END, FOR IRRIGATION CONTROL WIRES.
- 2) INSTALL 4" DIA. P.V.C. SCH. 40 SLEEVING, EXTENDING 1' INTO PLANTING AREA OF MEDIAN, 24" COVER, FOR IRRIGATION SUPPLY LINE.
- A) SEE IRRIGATION SYSTEM DESIGN CRITERIA NOTE FOR AUTOMATIC IRRIGATION CONTROLLER. CONTROLLER SHALL BE "CALSENSE" APPROVED BY THE CITY.
- E) SEE IRRIGATION SYSTEM DESIGN CRITERIA NOTE FOR ELECTRIC SERVICE.
- W) SEE IRRIGATION SYSTEM DESIGN CRITERIA NOTE FOR WATER SERVICE.



NOTES: 1) THE EXISTING WATER METER AT STATION 69+75± VAN BUREN BLVD. SHALL BE ABANDONED AND RECONSTRUCTED, WHICH INCLUDES WATER METER, BACKFLOW PREVENTER, CALSENSE CONTROLLER, ELECTRIC P.O.C., AND ALL SLEEVING AND IRRIGATION NECESSARY TO COVER ALL REQUIRED LANDSCAPED AREAS INCLUDED WITHIN THESE PROJECT LIMITS. ALL THESE ITEMS INCLUDING THE CONCRETE PAVEMENT IS INCLUDED IN THE UNIT PRICE FOR IRRIGATION DESIGN AND INSTALLATION.

**VAN BUREN BLVD. LANDSCAPE SERVICE DETAILS**

SCALE: 1"=20'

**PLANTING LEGEND**

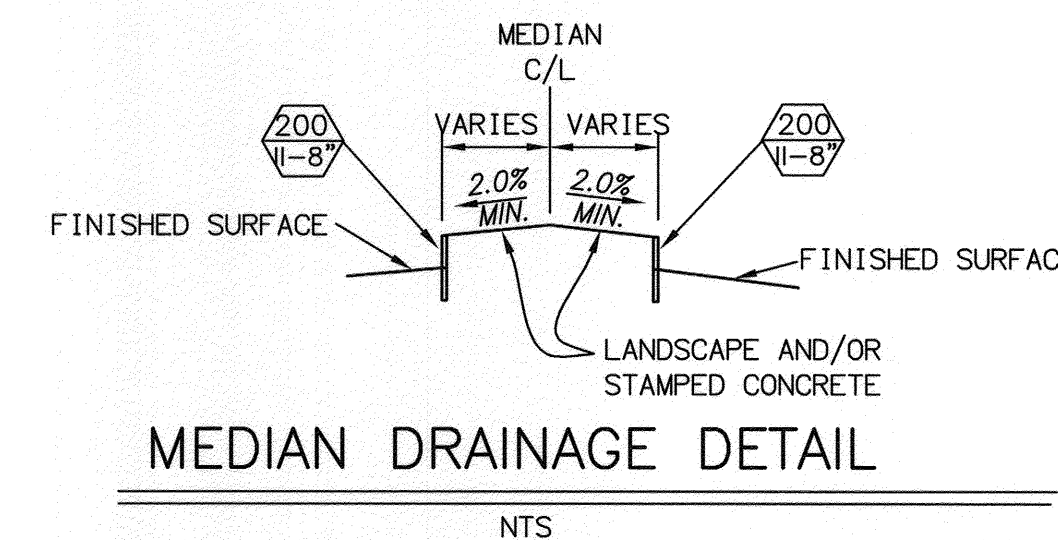
CALLOUT	SYMBOL	BOTANICAL NAME	COMMON NAME	SIZE	REMARKS	QUANTITY
T-1		TABEUIA CHYROTICHA	GOLDEN TRUMPET TREE	24" BOX	PER PLAN	8
T-2		CHIONANTHUS RETUSUS	CHINESE FRINGE TREE	24" BOX	PER PLAN	8
S-1		ROSA 'NOARE'	ROSE	5 GAL.	PER PLAN	450
S-2		STRELITZIA REGINAE	BIRD OF PARADISE	5 GAL.	PER PLAN	370
S-3		NANDINA COMPACTA	GULF STREAM	5 GAL.	24" O.C. TRIANGULARLY SPACED	215
S-4		CALLISTEMON 'LITTLE JOHN'	BOTTLEBRUSH	5 GAL.	24" O.C. TRIANGULARLY SPACED	265
S-5		MYOPORUM PARVIFOLIUM 'PROSTRATUM'	MYOPORUM	1 GAL.	24" O.C. TRIANGULARLY SPACED	1,400
M		MULCH	SHREDDED BARK MULCH	BULK	ALL SHRUBS PLANTING AREAS SHOULD BE TOP DRESS W/ 2" THICK LAYER OF SHREDDED BARK MULCH. (SEE SPECIFICATION)	8400 SF

**PLANTING NOTES:**

- CONTRACTOR SHALL CALL THE ENGINEER'S ATTENTION TO SITE CONDITIONS WHICH PREVENT HIS INSTALLATION PER PLAN IN A REASONABLE MANNER.
- REPLACEMENT OF DAMAGED OR DESTROYED PLANTINGS SHALL TAKE PLACE WITHIN 48 HOURS OF NOTIFICATION BY THE ENGINEER, OR SAID REPLACEMENT ITEMS SHALL BE DEDUCTED FROM THE CONTRACTOR'S FINAL BILLING.
- REPLACEMENT ITEMS SHALL BE EXACT DUPLICATE OF ORIGINAL WORK OR PLANTS, UNLESS OTHERWISE APPROVED BY THE ENGINEER.
- IRRIGATION SYSTEM SHALL BE INSTALLED PRIOR TO PLANT MATERIAL.
- TREES SHALL BE PLANTED AFTER CONCRETE PAVEMENT, BUT NOT BEFORE IRRIGATION COVERAGE HAS BEEN APPROVED.
- PLACE TREES BETWEEN SPRAY HEADS WHEREVER POSSIBLE.
- A SITE SHALL BE PRE-SELECTED BY THE ENGINEER FOR PLANT DELIVERY AND APPROVAL, FOR MIXING OF BACKFILL.
- CLEAN-UP SHALL TAKE PLACE ON A DAILY BASIS UNLESS OTHERWISE APPROVED BY THE CITY'S REPRESENTATIVE.
- MAINTENANCE PERIOD SHALL BE A MINIMUM OF ONE YEAR (365) CONSECUTIVE CALENDAR DAYS FOR STREET TREES AND A MINIMUM OF ONE YEAR (365) CONSECUTIVE CALENDAR DAYS FOR SHRUB AND SOD FROM DATE OF ACCEPTANCE. MAINTENANCE SHALL INCLUDE WEEKLY WEED AND RODENT ABATEMENT PROCEDURES INCLUDING FOLIAR APPLICATION OF CHELATED IRON AND TRACE MINERALS 90 DAYS APART.
- ALL PLANTING AND IRRIGATION WORK SHALL BE GUARANTEED AGAINST ANY AND ALL POOR, INADEQUATE, OR INFERIOR MATERIALS AND/OR WORKMANSHIP FOR A PERIOD OF ONE (1) YEAR FOLLOWING THE DATE OF PROJECT ACCEPTANCE.

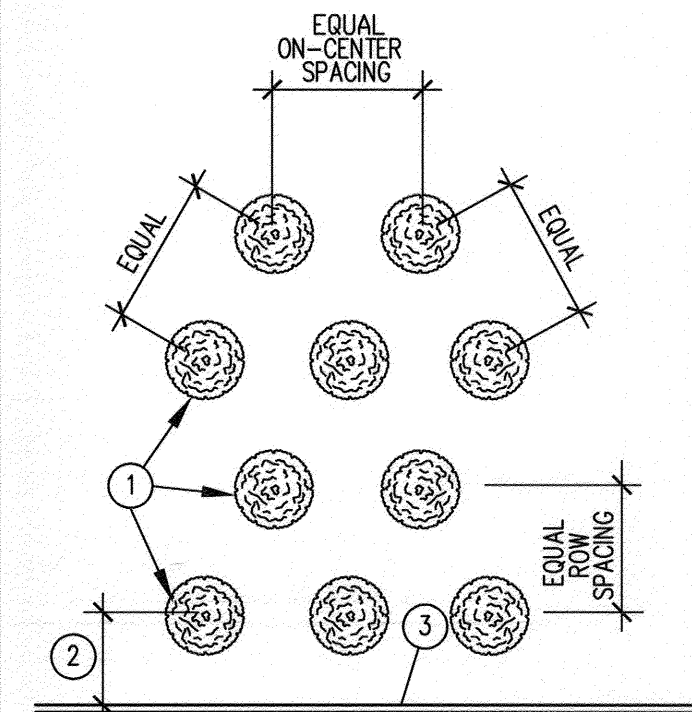
**GENERAL NOTES FOR PUBLIC LANDSCAPES:**

- ALL RELATED WORK SHALL CONFORM TO THE CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT STANDARDS AND SPECIFICATIONS FOR PLANTING AND IRRIGATION WORK. (SECTIONS 02441 AND 02483).
- A "PUBLIC LANDSCAPE" PERMIT, AS ISSUED BY THE PUBLIC WORKS DEPARTMENT IS REQUIRED. CONTACT THE PUBLIC WORKS LANDSCAPE INSPECTOR AT (951) 351-6313 TO SCHEDULE A PRE-CONSTRUCTION MEETING AND TO OBTAIN THE PERMIT.
- WHEN CALLING FOR INSPECTIONS, CONTACT THE PUBLIC WORKS LANDSCAPE INSPECTOR A MINIMUM OF 48 HOURS IN ADVANCE TO SCHEDULE AN INSPECTION. A WRITTEN APPROVAL WILL BE PROVIDED ON THE PUBLIC LANDSCAPE PERMIT CARD FOR EACH STAGE OF INSPECTION. A VERBAL APPROVAL WILL NOT BE ACCEPTABLE. INSPECTIONS ARE REQUIRED PER THE STANDARD SPECIFICATIONS, AND INCLUDE BUT ARE NOT NECESSARILY LIMITED TO THE FOLLOWING:
  - AFTER COMPLETION OF FINAL GRADING AND WHEN ALL UTILITY SERVICES HAVE BEEN MARKED, BUT PRIOR TO INITIATING ANY LANDSCAPE WORK WITHIN THE PUBLIC RIGHT OF WAY.
  - AT TIME OF INSTALLATION OF IRRIGATION SLEEVES AND CONSTANT PRESSURE MAINLINES, BUT PRIOR TO BACKFILL OF TRENCHES FOR SAME (NOTE: MAINLINES MUST BE PRESSURE TESTED IN THE PRESENCE OF THE PUBLIC WORKS LANDSCAPE INSPECTOR).
  - AT TIME OF INSTALLATION OF IRRIGATION VALVES, LATERALS AND HEADS.
  - FOR SPOTTING OF ALL TREES PRIOR TO DIGGING PLANTING PITS.
  - WHILE DIGGING PLANT PITS AND PLANTING/ RELOCATING TREES.
  - AFTER PLANTING AND ALL OTHER INDICATED OR SPECIFIED WORK HAS BEEN COMPLETED, FOR START OF MAINTENANCE.
  - AT SUBSTANTIAL COMPLETION OF THE PROJECT FOR CITY'S ACCEPTANCE TO START THE REQUIRED MAINTENANCE PERIOD.
  - AT THE END OF THE MAINTENANCE PERIOD, THE CONTRACTOR/DEVELOPER SHALL CALL THE PUBLIC WORKS LANDSCAPE INSPECTOR AT THE NUMBER LISTED ABOVE FOR A FINAL ACCEPTANCE INSPECTION IN ORDER TO BE RELEASED FROM MAINTENANCE. CONTRACTOR'S BOND WILL NOT BE RELEASED UNTIL AFTER CITY'S ISSUANCE OF WRITTEN NOTIFICATION THAT THE PROJECT HAS PASSED FINAL INSPECTION AND THE PUBLIC WORKS DEPARTMENT IS ASSUMING MAINTENANCE RESPONSIBILITIES.
- THE CONTRACTOR SHALL BE RESPONSIBLE TO ACCEPTABLY MAINTAIN ALL PLANTINGS FOR A MINIMUM OF 1 YEAR AS SPECIFIED IN THE BID DOCUMENTS.
- CONTRACTOR SHALL KEEP EXISTING IRRIGATION SYSTEMS OPERATIONAL AND SHALL BE RESPONSIBLE FOR REPLACING ANY DEAD PLANTS AND TREES AT THE CONTRACTOR'S EXPENSE.



**MEDIAN DRAINAGE DETAIL**

NTS

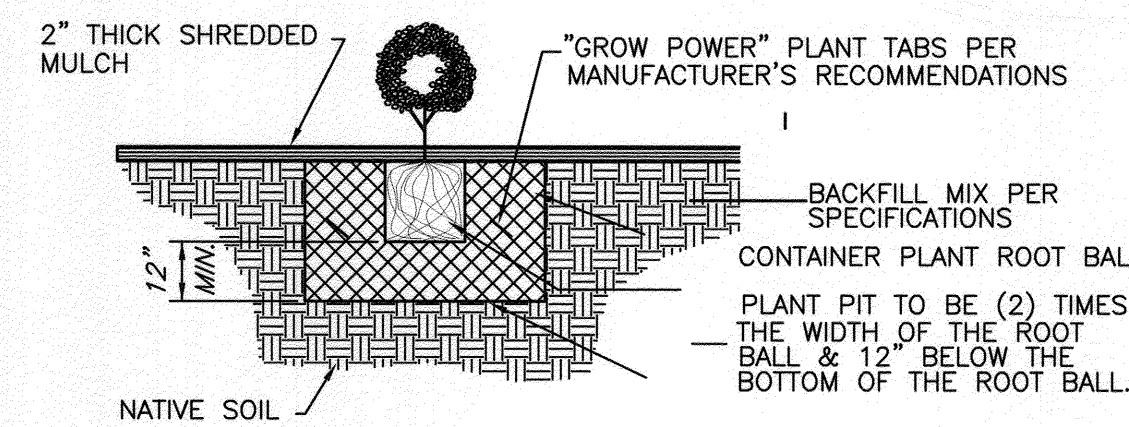


**LEGEND**

- LOCATE PLANTS WITH EQUAL SPACING AS INDICATED IN THE PLANTING LEGEND.
- 1/2 ON-CENTER SPACING.
- PAVING, CURB, BUILDING, OR MOWSTRIP—SHOWING PLANTING AREA LIMIT.

**GROUNDCOVER TRIANGULAR SPACING**

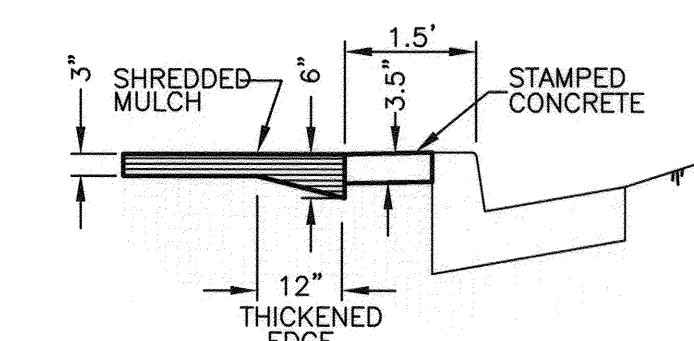
NTS



**CONTAINER PLANTING MEDIAN PLANTER**

NTS

- NOTES:
- UNTANGLE MATTED ROOTS BY LOOSENING ALL ROOTS AT EDGE OF ROOT BALL WITH WATER FROM HOSE. DO NOT CRACK ROOT BALL.
  - PLACE "GROW POWER" TABS IN PLANT CONTAINER PRIOR TO PLANTING FOR OBSERVATION PURPOSES.



NOTE: MULCH TO BE UNIFORMLY APPLIED THROUGHOUT THE SHRUB AREAS EXCEPT WITHIN TREE BASINS.

**SHREDDED MULCH IN PLANT BED**

NTS

**TECHNICAL SPECIFICATIONS:**

CONTRACTOR SHALL REFERENCE CITY OF RIVERSIDE TECHNICAL SPECIFICATIONS SECTION 02441-IRRIGATION & SECTION 02483-PUBLIC LANDSCAPE PLANTING FOR ADDITIONAL GUIDANCE.

**BENCHMARK G3-K3**  
 P.K. NAIL IN THE EAST CURB OF VAN BUREN BLVD. 0.5 FEET SOUTHERLY OF THE SOUTHEAST CURB RETURN OF A DRIVEWAY TO A SHOPPING CENTER AT THE INTERSECTION OF VAN BUREN BLVD. AND PHILBIN AVE.  
 ELEVATION: 739.275 (NGVD 29)

**Under Ground Service Alert of Southern California**  
 Call: TOLL FREE 1-800-227-2600  
**TWO WORKING DAYS BEFORE YOU DIG**

**ENGINEER IN RESPONSIBLE CHARGE**  
  
 Name: Edward Ladd  
 R.C.E. No. 63753 EXPIRES: 9-30-14  
 DATE: March 26, 2013

**CITY OF RIVERSIDE, CALIFORNIA DEPARTMENT OF PUBLIC WORKS**

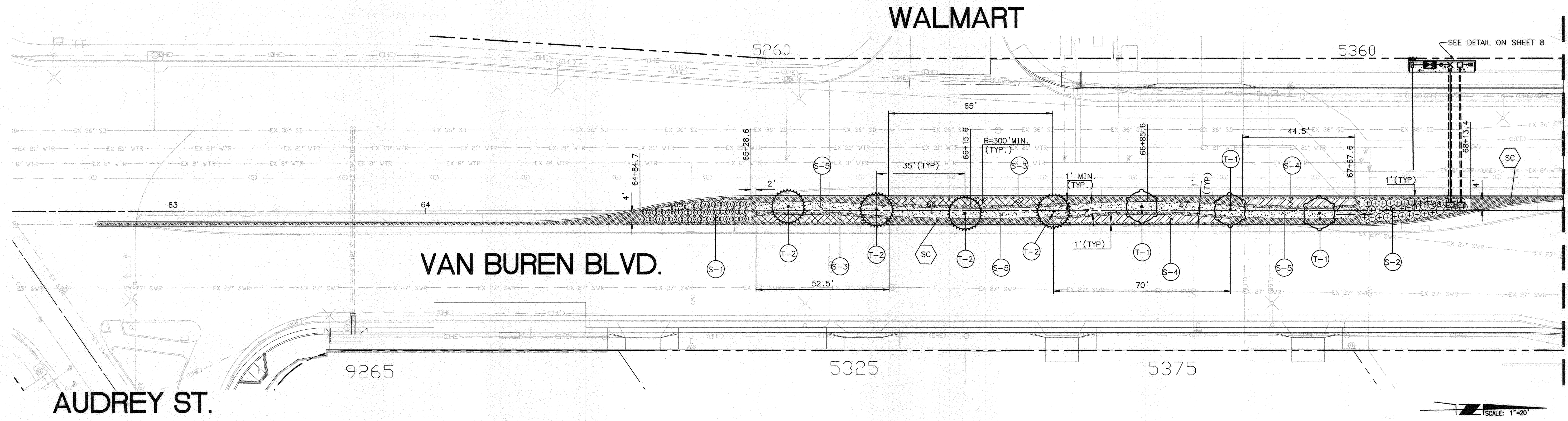
APPROVED BY	By	DATE	APPROVED BY
ENGINEERING MANAGER	F.M.	3/28/13	[Signature]
CONSTRUCTION ADMIN.	D.G.	4/1/13	CITY ENGINEER
TRAFFIC DIVISION	[Signature]	4-1-13	
STREETS SERVICES	[Signature]	4/1/13	
SURVEYOR	[Signature]	4/1/13	

DESIGNED BY CS DRAWN BY CS CHECKED BY EL

**STREET IMPROVEMENTS**  
**VAN BUREN BOULEVARD FROM WELLS AVENUE TO JACKSON STREET**  
 HARDSCAPE, LANDSCAPE AND IRRIGATION NOTES  
 HORIZ. SCALE: VERT. SCALE:

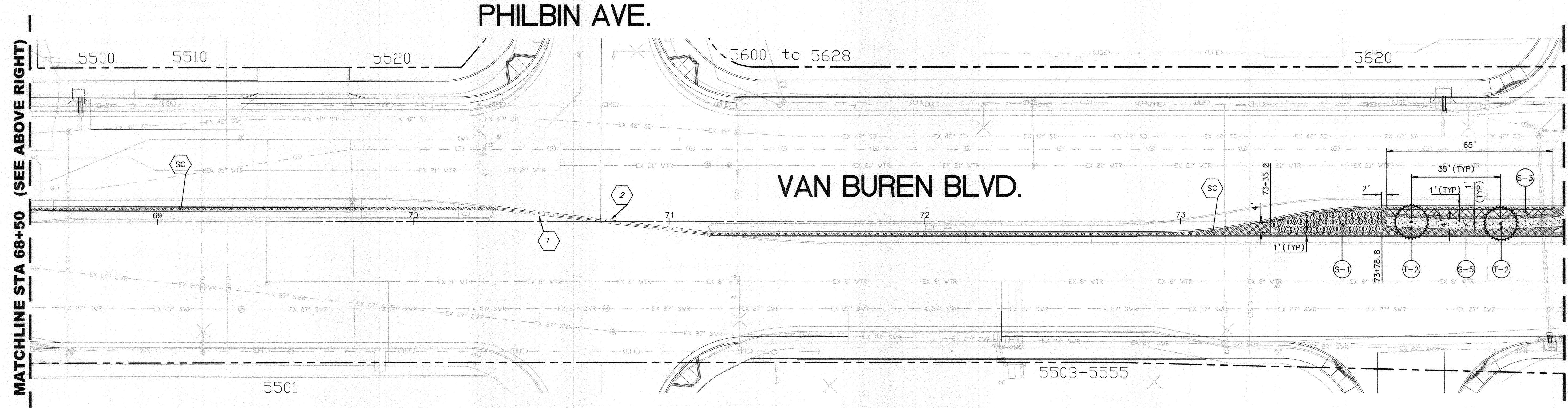
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**R-4242**  
 SHEET 8 OF 11  
 FILE NAME: R4242-08





MATCHLINE STA 68+50 (SEE BELOW LEFT)

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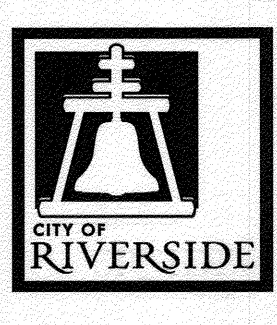
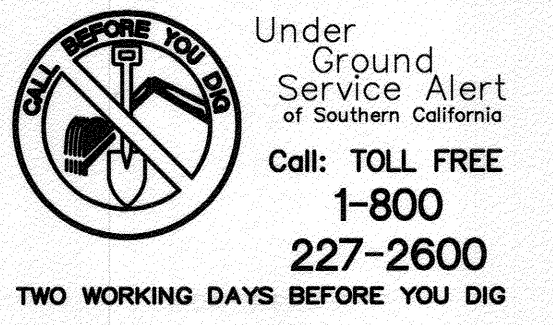


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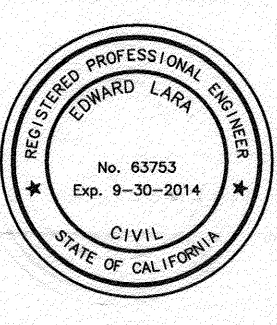
MATCHLINE STA 74+50 (SEE SHEET 10 OF 11)

SCALE: 1"=20'

**BENCHMARK G3-K3**  
 P.K. NAIL IN THE EAST CURB OF VAN BUREN BLVD. 0.5 FEET SOUTHERLY OF THE SOUTHEAST CURB RETURN OF A DRIVEWAY TO A SHOPPING CENTER AT THE INTERSECTION OF VAN BUREN BLVD. AND PHILBIN AVE.  
 ELEVATION: 739.275 (NGVD 29)



**ENGINEER IN RESPONSIBLE CHARGE**  
 Name: *Edward Lee*  
 R.C.E. No. 63753 EXPIRES: 9-30-14  
 DATE: *March 26, 2013*



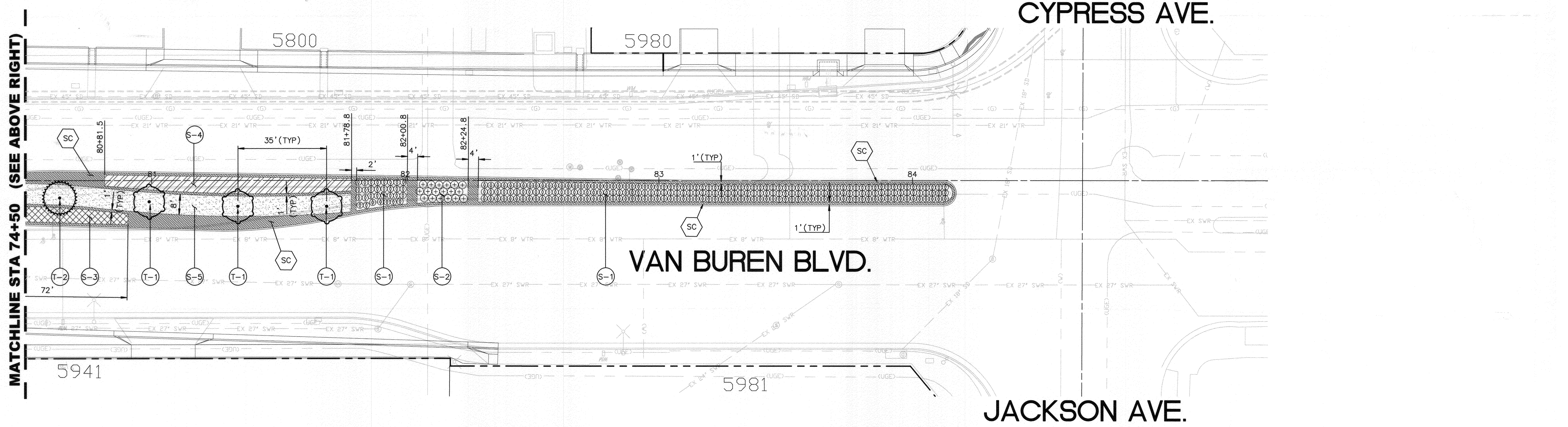
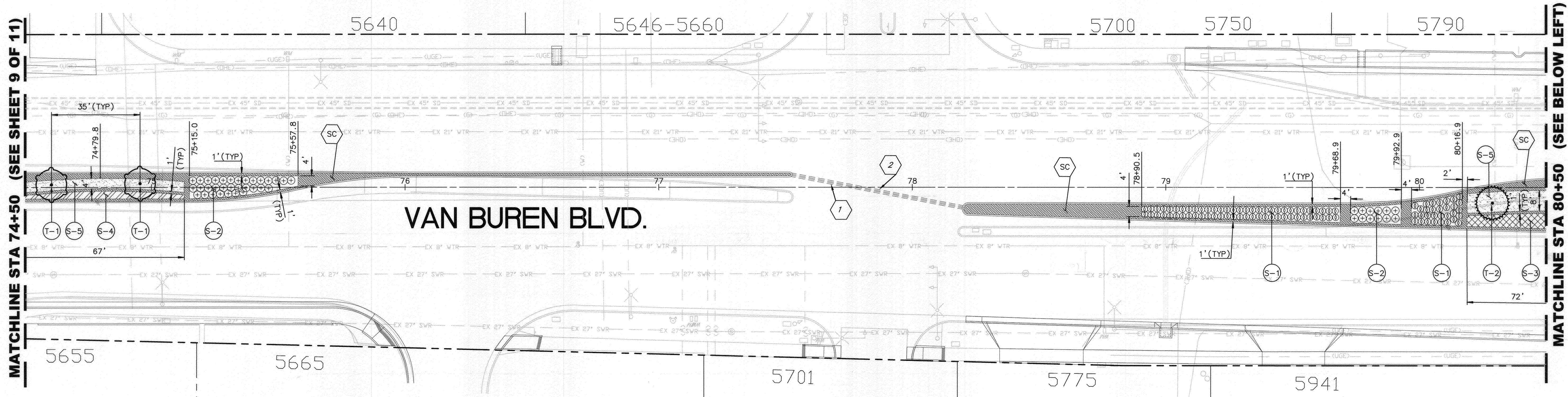
MARK	REVISIONS	APPR.	DATE

CITY OF RIVERSIDE, CALIFORNIA DEPARTMENT OF PUBLIC WORKS			
APPROVED BY	BY	DATE	APPROVED BY
ENGINEERING MANAGER	<i>Fm.</i>	<i>3/26/13</i>	<i>Edward Lee</i>
CONSTRUCTION ADMIN.	<i>DE</i>	<i>4/1/13</i>	CITY ENGINEER
TRAFFIC DIVISION	<i>SH</i>	<i>4-1-13</i>	DATE: <i>4/1/2013</i>
STREETS SERVICES	<i>CS</i>	<i>4/1/13</i>	
SURVEYOR			

**STREET IMPROVEMENTS**  
**VAN BUREN BOULEVARD**  
 FROM WELLS AVENUE  
 TO JACKSON STREET  
 HARDSCAPE & PLANTING PLAN  
 HORIZ. SCALE: 1"=20' VERT. SCALE: N/A

DESIGN WORK ORDER NO: 1201403  
 CONSTR. WORK ORDER NO: 1320138  
**R-4242**  
 SHEET **9** OF **11**  
 FILE NAME: R4242-09

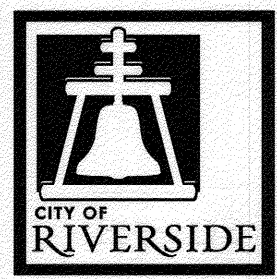
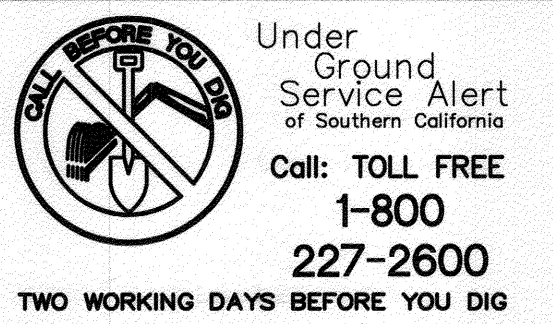




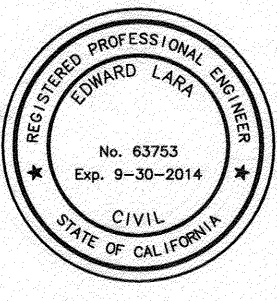
SCALE: 1"=20'

SCALE: 1"=20'

**BENCHMARK G3-K3**  
 P.K. NAIL IN THE EAST CURB OF VAN BUREN BLVD. 0.5 FEET SOUTHERLY OF THE SOUTHEAST CURB RETURN OF A DRIVEWAY TO A SHOPPING CENTER AT THE INTERSECTION OF VAN BUREN BLVD. AND PHILBIN AVE.  
 ELEVATION: 739.275 (NGVD 29)



**ENGINEER IN RESPONSIBLE CHARGE**  
 Name: \_\_\_\_\_  
 R.C.E. No. 63753 EXPIRES: 9-30-14  
 DATE: \_\_\_\_\_



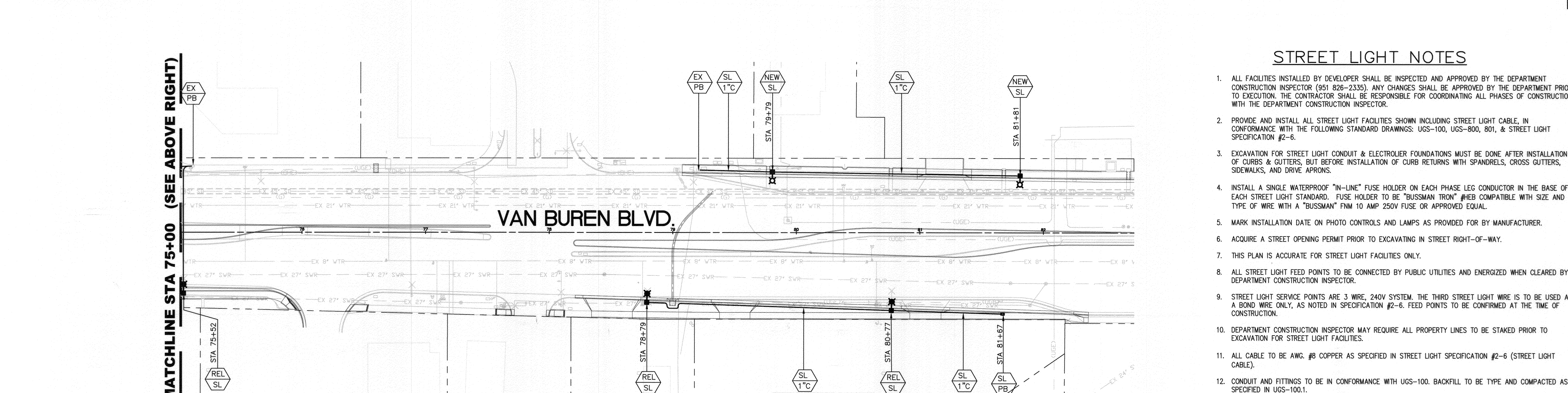
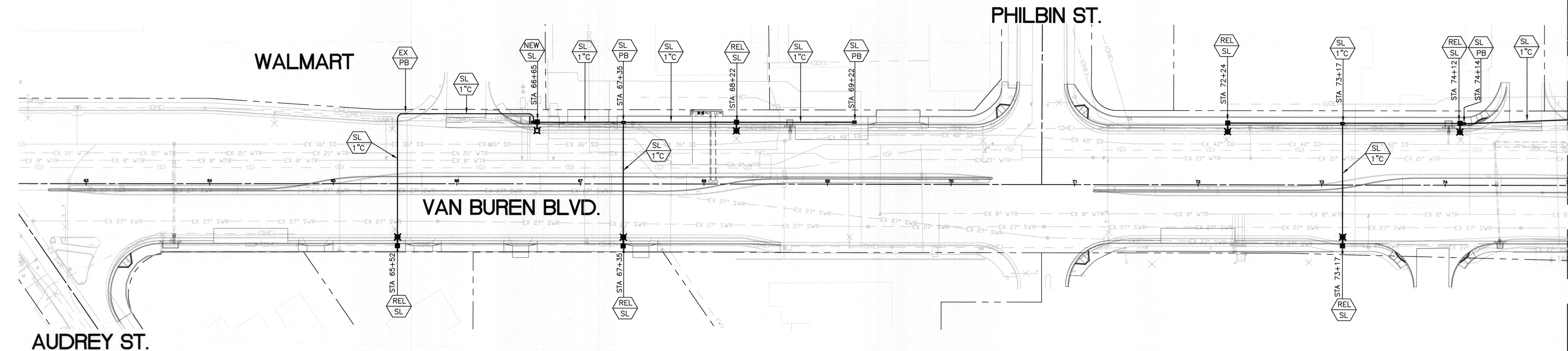
MARK	REVISIONS	APPR.	DATE

CITY OF RIVERSIDE, CALIFORNIA DEPARTMENT OF PUBLIC WORKS			
APPROVED BY	BY	DATE	APPROVED BY
ENGINEERING MANAGER	<i>F.M.</i>	3/13/13	<i>[Signature]</i>
CONSTRUCTION ADMIN.	<i>D.P.</i>	4/11/13	CITY ENGINEER
TRAFFIC DIVISION	<i>[Signature]</i>	4-1-13	DATE: 4/4/2013
STREETS SERVICES SURVEYOR	<i>[Signature]</i>	6/12/13	

**STREET IMPROVEMENTS**  
**VAN BUREN BOULEVARD**  
 FROM WELLS AVENUE  
 TO JACKSON STREET  
 HARDSCAPE & PLANTING PLAN  
 HORIZ. SCALE: 1"=20' VERT. SCALE: N/A

DESIGN WORK ORDER NO: 1201403  
 CONSTR. WORK ORDER NO: 1320138  
**R-4242**  
 SHEET **10** OF **11**  
 FILE NAME: R4242-10





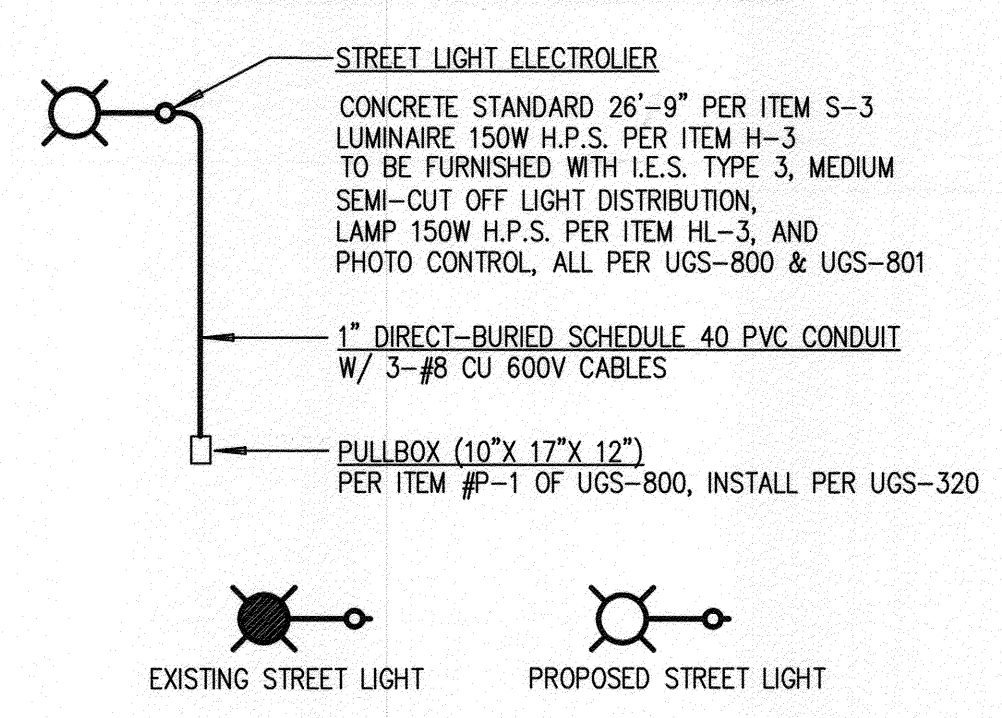
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MATCHLINE STA 75+00 (SEE BELOW LEFT)

**STREET LIGHT NOTES**

- ALL FACILITIES INSTALLED BY DEVELOPER SHALL BE INSPECTED AND APPROVED BY THE DEPARTMENT CONSTRUCTION INSPECTOR (951 826-2335). ANY CHANGES SHALL BE APPROVED BY THE DEPARTMENT PRIOR TO EXECUTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL PHASES OF CONSTRUCTION WITH THE DEPARTMENT CONSTRUCTION INSPECTOR.
- PROVIDE AND INSTALL ALL STREET LIGHT FACILITIES SHOWN INCLUDING STREET LIGHT CABLE, IN CONFORMANCE WITH THE FOLLOWING STANDARD DRAWINGS: UGS-100, UGS-800, 801, & STREET LIGHT SPECIFICATION #2-6.
- EXCAVATION FOR STREET LIGHT CONDUIT & ELECTROLIER FOUNDATIONS MUST BE DONE AFTER INSTALLATION OF CURBS & GUTTERS, BUT BEFORE INSTALLATION OF CURB RETURNS WITH SPANDRELS, CROSS GUTTERS, SIDEWALKS, AND DRIVE APRONS.
- INSTALL A SINGLE WATERPROOF "IN-LINE" FUSE HOLDER ON EACH PHASE LEG CONDUCTOR IN THE BASE OF EACH STREET LIGHT STANDARD. FUSE HOLDER TO BE "BUSSMAN TRON" #HEB COMPATIBLE WITH SIZE AND TYPE OF WIRE WITH A "BUSSMAN" FNM 10 AMP 250V FUSE OR APPROVED EQUAL.
- MARK INSTALLATION DATE ON PHOTO CONTROLS AND LAMPS AS PROVIDED FOR BY MANUFACTURER.
- ACQUIRE A STREET OPENING PERMIT PRIOR TO EXCAVATING IN STREET RIGHT-OF-WAY.
- THIS PLAN IS ACCURATE FOR STREET LIGHT FACILITIES ONLY.
- ALL STREET LIGHT FEED POINTS TO BE CONNECTED BY PUBLIC UTILITIES AND ENERGIZED WHEN CLEARED BY DEPARTMENT CONSTRUCTION INSPECTOR.
- STREET LIGHT SERVICE POINTS ARE 3 WIRE, 240V SYSTEM. THE THIRD STREET LIGHT WIRE IS TO BE USED AS A BOND WIRE ONLY, AS NOTED IN SPECIFICATION #2-6. FEED POINTS TO BE CONFIRMED AT THE TIME OF CONSTRUCTION.
- DEPARTMENT CONSTRUCTION INSPECTOR MAY REQUIRE ALL PROPERTY LINES TO BE STAKED PRIOR TO EXCAVATION FOR STREET LIGHT FACILITIES.
- ALL CABLE TO BE AWG. #8 COPPER AS SPECIFIED IN STREET LIGHT SPECIFICATION #2-6 (STREET LIGHT CABLE).
- CONDUIT AND FITTINGS TO BE IN CONFORMANCE WITH UGS-100. BACKFILL TO BE TYPE AND COMPACTED AS SPECIFIED IN UGS-100.1.
- STREET LIGHT DOOR OPENING TO FACE SIDEWALK.
- ALL CONTRACTORS WORKING ON OR AROUND THE DEPARTMENT'S UNDERGROUND ELECTRICAL FACILITIES MUST HAVE THE PROPERLY QUALIFIED PERSONNEL AND EQUIPMENT TO PERFORM THE SPECIFIED WORK. THE CONTRACTOR WILL BE SOLELY RESPONSIBLE TO ESTABLISH AND MAINTAIN A SAFE WORKING ENVIRONMENT INCLUDING, BUT NOT LIMITED TO WORK AROUND ENERGIZED HIGH VOLTAGE FACILITIES, GAS TESTING OF CONFINED SPACES, TRAFFIC AND PROTECTION. THE DEPARTMENT'S POLICY IS TO PROVIDE ONE (1) QUALIFIED OBSERVER AFTER 24 HOURS NOTICE, TO STAND BY DURING WORK AND PROVIDE RADIO CONTACT WITH CITY OPERATIONS CONTROL. EVERY ENTRY BY ANY PERSONNEL INTO A PUBLIC UTILITIES HIGH VOLTAGE STRUCTURE WILL REQUIRE THE PRESENCE OF A QUALIFIED ELECTRICAL WORKER IN ACCORDANCE WITH Cal/OSHA. ALL DEVELOPERS AND CONTRACTORS ARE REQUIRED TO SUBMIT REQUIRED DOCUMENTATION AND FOLLOW REQUIRED PROCEDURES. COPIES OF THE POLICY AND DOCUMENTS MAY BE OBTAINED AT 3750 UNIVERSITY AVENUE, 3RD FLOOR RIVERSIDE, CA OR AT WWW.RIVERSIDEPUBLICUTILITIES.COM
- THE CITY OBSERVER HAS THE AUTHORITY TO STOP THE CONTRACTOR'S WORK IF HE DETERMINES THAT ADEQUATE SAFETY PRECAUTIONS ARE NOT BEING TAKEN. HOWEVER, THE PRESENCE OF THE CITY OBSERVER DOES NOT RELIEVE THE CONTRACTOR OF HIS RESPONSIBILITY FOR INSURING SAFE AND APPROPRIATE WORK PRACTICES.
- FOR STREET LIGHT ENGINEERING INFORMATION CONTACT **VANESSA SCOTT** AT 826-2123.

**STREET LIGHT LEGEND**



**STREET LIGHT CONSTRUCTION NOTES:**

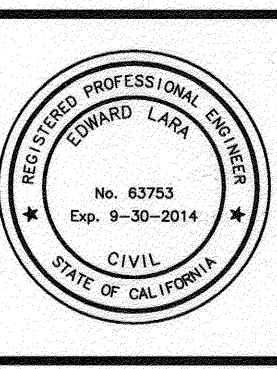
- INSTALL (1) P1 PULLBOX.
- INSTALL 1" SCHEDULE 40 CONDUIT INCLUDING FITTINGS, SWEEPS, CONDUCTORS AND ALL OTHER NECESSARY MATERIALS SPECIFIED BY CITY OF RIVERSIDE PUBLIC UTILITIES SPECIFICATIONS.
- RELOCATE EXISTING STREET LIGHT STANDARD INCLUDING REMOVAL OF EXISTING FOUNDATION AND CONSTRUCTION OF NEW FOUNDATION.
- FURNISH AND INSTALL NEW STREET LIGHT STANDARD INCLUDING CONSTRUCTION OF NEW FOUNDATION.
- CONNECT TO EXISTING PULLBOX.



**BENCHMARK G3-K3**  
P.K. NAIL IN THE EAST CURB OF VAN BUREN BLVD. 0.5 FEET SOUTHERLY OF THE SOUTHEAST CURB RETURN OF A DRIVEWAY TO A SHOPPING CENTER AT THE INTERSECTION OF VAN BUREN BLVD. AND PHILBIN AV.  
ELEVATION: 739.275 (NGVD 29)



**ENGINEER IN RESPONSIBLE CHARGE**  
Name: \_\_\_\_\_  
R.C.E. No. 63753 EXPIRES: 9-30-14  
DATE: \_\_\_\_\_



MARK	REVISIONS	APPR.	DATE

CITY OF RIVERSIDE, CALIFORNIA DEPARTMENT OF PUBLIC WORKS			
APPROVED BY	BY	DATE	APPROVED BY
ENGINEERING MANAGER	F.M.	3/28/13	[Signature]
CONSTRUCTION ADMIN.	D.S.	4/1/13	CITY ENGINEER
TRAFFIC DIVISION	A.H.	4-1-13	
STREETS SERVICES SURVEYOR			DATE 4/1/13

**STREET IMPROVEMENTS**  
**VAN BUREN BOULEVARD**  
FROM WELLS AVENUE TO JACKSON STREET  
STREET LIGHT PLANS  
HORIZ. SCALE: 1"=40' VERT. SCALE: N/A

DESIGN WORK ORDER NO: 1201403  
CONSTR. WORK ORDER NO: 1320138  
**R-4242**  
SHEET 11 OF 11  
FILE NAME: R4242-11