RIVERSIDE CALIFORNIA

PUBLIC WORKS DEPARTMENT
WELL-ARLANZA SIDEWALK IMPROVEMENTS

Federal Aid Project No. ATPL - 5058 (101)

GENERAL NOTES:

1. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TRAFFIC AS INDICATED IN THE ASSOCIATED PROJECT SPECIAL PROVISIONS.
2. CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF RIVERSIDE STANDARD DRAWINGS AND STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 2012 EDITION.
3. 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.
4. CONFLICTING UTILITIES SHOWN WITHIN CONSTRUCTION AREA WILL BE RELOCATED PRIOR TO CONSTRUCTION.
5. ALL STREET PULL BOXES, GATE VALVES, MANHOLES, ETC, AFFECTED BY CONSTRUCTION, SHALL BE ADJUSTED TO THE PROPOSED GRADE.
6. PRIME CONTRACTOR BIDDING THIS WORK SHALL HAVE A CLASS "A" OR "C-8".
7. CONTRACTOR SHALL REMOVE ALL VEGETATION WITHIN ALL SIDEWALK PANELS WITHIN THE PROJECT LIMITS.
8. ALL EXISTING IMPROVEMENTS INCLUDING, BUT NOT LIMITED TO, CURB, GUTTERS, CROSS GUTTERS, SIDEWALK, DRIVEWAYS, PARKWAY CULVERTS, INLETS, ETC, SHALL BE PROTECTED IN PLACE UNLESS OTHERWISE NOTED.
9. EXISTING IRRIGATION SHALL BE PROTECTED OR MODIFIED, INCLUDING FURNISHING NEW MATERIALS, AS NECESSARY TO CONSTRUCT NEW CONCRETE IMPROVEMENTS.
10. ALL FENCE POSTS SHALL BE PROTECTED OR MODIFIED AS NECESSARY IF POST FOUNDATION IS WITHIN A SIDEWALK PANEL THAT HAS BEEN CALLED OUT FOR REPLACEMENT.
11. ADEQUATE FLOW LINES SHALL BE MAINTAINED AT ALL LOCATIONS.
12. CONTRACTOR SHALL GRIND AND OVERLAY EXISTING PAVEMENT AS REQUIRED ADJACENT TO 5% MAX. WHEELCHAIR RAMP BOTTOM LANDING INDICATED ON STANDARD DRAWING NO 304. CONTRACTOR SHALL GRIND AND OVERLAY AS NECESSARY BEYOND LANDING TO JOIN EXISTING PAVEMENT TO PROVIDE A FINISHED JOIN GRADE OF 16% MAXIMUM.
13. CONTRACTOR SHALL RECONSTRUCT EXISTING SIDEWALK OR ADD NEW SIDEWALK PER CITY STANDARD 325 AS NECESSARY TO ADEQUATELY JOIN NEW RAMP TO BE CONSTRUCTED PER CITY STD 304, WHETHER INDICATED OR NOT.
14. COLD MILLING SHALL BE AS DESCRIBED ON THE PLANS AND SPECIAL PROVISIONS OR AS DIRECTED BY THE ENGINEER.
15. ANY DISTRESSED EXISTING PAVEMENT SHALL BE REMOVED AND REPLACED AS DIRECTED BY THE ENGINEER AFTER COLD-MILLING AND PRIOR TO PLACEMENT OF DGAC.
16. CONTRACTOR TO COORDINATE WITH PROPERTY OWNER ON 5439 BABB AVE BEFORE CONSTRUCTING NEW RETAINING WALL AND FOOTING.

SHEET INDEX

SHEET NO.	SHEET NAME (LIMITS)
1.	VICINITY MAP, LOCATION MAP, GENERAL NOTES, AND CONSTRUCTION NOTES
2.	BABB AVENUE SIDEWALK IMPROVEMENTS (GRAMERCY AVENUE TO PHILBIN AVENUE)
3.	KENT AVENUE SIDEWALK IMPROVEMENTS (WELLS AVENUE TO CAMPBELL AVENUE)
4.	IVANHOE AVENUE SIDEWALK IMPROVEMENTS (WELLS AVENUE TO PHILBIN AVENUE)
5.	CHALLEN AVENUE SIDEWALK IMPROVEMENTS (WELLS AVENUE TO PHILBIN AVENUE)

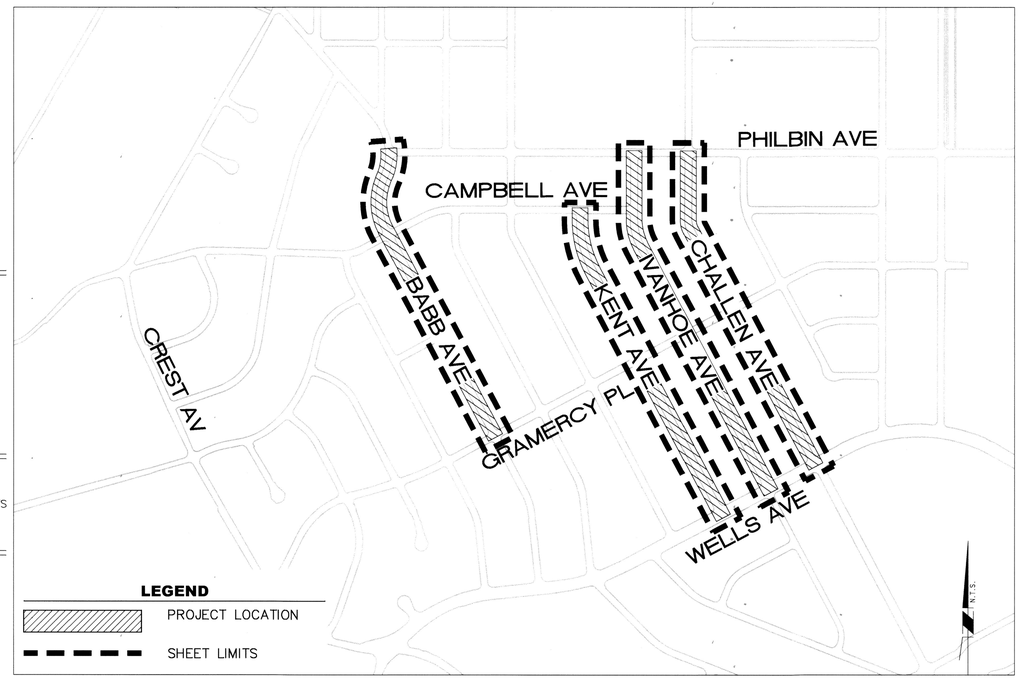
STREET LIGHT IMPROVEMENTS PLANS

RIVERSIDE PUBLIC UTILITIES ELECTRIC ENGINEERING DEPARTMENT

PLAN NO.	TOTAL SHEETS	DESCRIPTION
170019-03	5	STREET LIGHT LAYOUT DESIGN FOR ARLANZA SIDEWALK IMPROVEMENTS

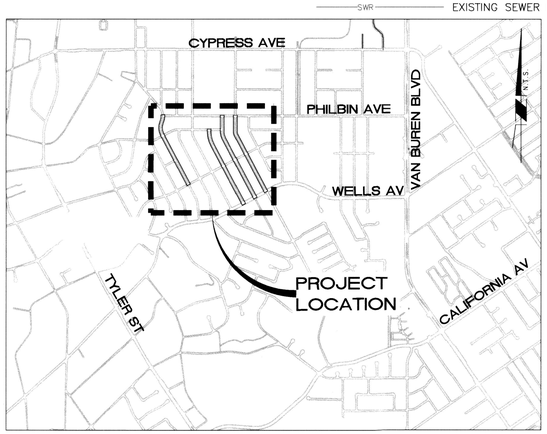
LEGEND:

PROPOSED PCC
EXISTING PCC
AC MILL AND OVERLAY
FIRE HYDRANT
POWER POLE AND LUMINAIRE
STORM DRAIN CATCH BASIN
WATER METER
GATE VALVE
SEWER MANHOLE
WTR — EXISTING WATER MAIN
SWR — EXISTING SEWER MAIN



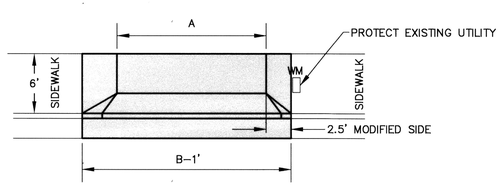
INDEX MAP

NTS

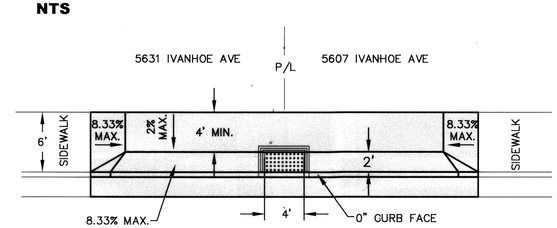


VICINTY MAP

NTS



302 M1 — MODIFIED DRIVEWAY WING
NOT TO SCALE



302 M2 — MODIFIED DRIVEWAY WITH PEDESTRIAN RAMP
NOT TO SCALE

CONSTRUCTION NOTES:

- REMOVE AND REPLACE IN KIND EXISTING FACILITY. NUMBERS ABOVE 100 IN A HEXAGON ON THE PLAN REFER TO THE RESPECTIVE STANDARD DRAWING AND SHALL BE CONSTRUCTED ACCORDINGLY. ANY NOTE SHOWN BELOW THE STANDARD DRAWING NUMBER INDICATES THE SPECIFIC TYPE, ACTION, OR MODIFICATION TO BE CONSTRUCTED. DIMENSIONS OF NEW FACILITY SHALL BE MODIFIED AS NECESSARY, EXCLUDING ADA REQUIREMENTS, TO MATCH EXISTING FACILITY REMOVED.
- ADJ --: ADJUST TO GRADE, DESCRIPTION PER PLAN (--):
  (WM) WATER METER BOX, REPLACE ALL EXISTING PLASTIC WATER METER BOXES WITH CONCRETE BOXES SUPPLIED BY THE CITY PER SPECIAL PROVISIONS. CONTRACTOR IS RESPONSIBLE FOR OBTAINING FURNISHED ITEM FROM CITY YARD. (FH) FIRE HYDRANT. (CLF) CHAIN LINK FENCE, (GV) GATE VALVE, (MH) SEWER MANHOLE.
- PIP --: PROTECT IN PLACE, DESCRIPTION PER PLAN (--):
  (PP) POWER POLE. (CLF) CHAIN LINK FENCE. (GUY) GUY WIRE. (FH) FIRE HYDRANT. (MB) MAILBOX. (SGN) SIGN. (SL) STREET LIGHT. (WLL) MASONRY WALL AND FOOTINGS. (SMH) SEWER MANHOLE. (WIF) WROUGHT IRON FENCE AND FOOTINGS. (GT) GATE. (FNC) WOOD FENCE AND FOOTINGS. (RMP) CURB RAMP (WLK) SIDEWALK.
- REL --: RELOCATE EXISTING TO PROPOSED LOCATION, DESCRIPTION PER PLAN (--):
  (MB) MAILBOX. (PB) STREET LIGHTING CONDUIT PULL BOX. (FNC) REMOVE INTERFERING WOOD FENCE PORTION AND REINSTALL WITH NEW END POST AS NECESSARY.
- REM --: REMOVE EXISTING AND DISPOSE WITHIN RIGHT OF WAY, DESCRIPTION PER PLAN (--):
  (SHR) SHRUB/BUSH OR TREE AND ROOTS LESS THAN 6" IN DIAMETER AS DEFINED IN SPECIAL PROVISIONS. (BDR) LANDSCAPE BORDER. (GRV) GRAVEL. (WLL) REMOVE INTERFERING PORTION OF WALL AND RECONSTRUCT AS NECESSARY AND PROVIDE FINISHING BLOCK AT WALL END AND CAP TO MATCH IN KIND. (RKS) ROCKS. (STP) GRIND STUMP. (CCT) CACTUS. (CLF) REMOVE INTERFERING CHAIN LINK FENCE PORTION AND REINSTALL WITH NEW END POST AS NECESSARY. (PCC) PORTLAND CEMENT CONCRETE AND BASE MATERIAL, SAWCUT AS NECESSARY (AC) ASPHALT CONCRETE AND BASE MATERIAL, SAWCUT AS NECESSARY. (PVR) BRICK PAVERS. (BLK) CMU BLOCKS AND CONCRETE FOOTING.
- REP --: REMOVE EXISTING AND REPLACE WITH NEW AT PROPOSED LOCATION, DESCRIPTION PER PLAN.
  (WLL) REMOVE EXISTING BLOCK WALL AND FOOTING, REPLACE IN KIND PER CITY OF RIVERSIDE BUILDING DEPARTMENT STANDARDS, RELOCATE NEW IMPROVEMENTS TO PROPERTY LINE. (CLF) REMOVE EXISTING AND REPLACE WITH NEW CHAIN LINK FENCE, RELOCATE TO PROPERTY LINE, INCLUDES SWINGING AND SLIDING GATES. (WIF) REMOVE EXISTING AND REPLACE WITH NEW WROUGHT IRON FENCE, RELOCATE TO PROPERTY LINE. (PCC) REMOVE AND REPLACE EXISTING CONCRETE IMPROVEMENTS IN KIND. (MB) REMOVE EXISTING MAILBOX AND REPLACE IN KIND, ONLY IF IT INTERFERES WITH SIDEWALK OR DRIVEWAY CONSTRUCTION OR IF A MINIMUM SIDEWALK TO OBSTRUCTION CLEARANCE OF 36 INCHES CANNOT BE ACHIVED.
- 200: CONSTRUCT CURB AND GUTTER PER CITY STD 200, CURB TYPE 1
- 220: CONSTRUCT CROSS GUTTER PER CITY STD 220.
- 302 --: CONSTRUCT DRIVEWAY PER CITY STD 302, TYPE CURB-I, WITH 2 FOOT APPROACH GRADE AND/OR MODIFICATION PER (--):
  (M1) = MODIFIED, DRIVEWAY WING PER DETAIL 302/M1 HEREON.
  (M2) = MODIFIED, DRIVEWAY WITH PEDESTRIAN RAMP PER DETAIL 302/M2 HEREON.
- 304 --: CONSTRUCT PEDESTRIAN RAMP PER CITY STD 304 OR WITH THE FOLLOWING TYPE (--):
  (I) = TYPE I. (II) = TYPE II. (IIA) = TYPE II-A. (V) = TYPE V.
  (M1) = MODIFIED TO TRANSITION CURB WITHIN WHEELCHAIR RAMP WING(S) BETWEEN THE 0" CURB FACE AND THE EXISTING ADJACENT ROLLED CURB. TRANSITION THE WINGS TO JOIN PROPOSED ADJACENT SIDEWALK WIDTH.
  (M2) = MODIFIED TYPE VI, PER PLAN, CONSTRUCT RETAINING CURBS TO ELIMINATE WINGS AT M.O.C., PROVIDE 2 FT MINIMUM CLEARANCE FROM EXISTING UTILITY POLE.
- 325 --: CONSTRUCT SIDEWALK PER CITY STD 325, PROVIDE 3' BY 3' CONTROL JOINTS AT ALL UTILITY POLE AND STREET LIGHT POLE LOCATIONS, WITH THE FOLLOWING TYPE OR MODIFICATION (--):
  (CRB) = CONSTRUCT CURB SIDEWALK
  (M1) = CONSTRUCT CURB SIDEWALK, WITH 6" DEEP PCC
  (M2) = CONSTRUCT 4' MINIMUM WIDTH SIDEWALK TO JOIN EXISTING WALKWAYS AND SIDEWALKS AT 2% MAX CROSS SLOPE AND 5% MAX LONG SLOPE.
  (M3) = CONSTRUCT CURB SIDEWALK, MODIFIED TO VARIABLE WIDTH (4' MIN), EXTEND OR SHORTEN TO EXISTING HARDSCAPE OBSTRUCTION.
- RET: CONSTRUCT PCC RETAINING CURB. INCLUDES HEIGHTS UP TO 18"
- WLK --: CONSTRUCT NEW WALKWAY TO MATCHUP WITH EXISTING WALKWAY, WITH THE FOLLOWING TYPE OR MODIFICATION (--):
  (STP) = STEPPED - MINIMUM/MAXIMUM RISE ON STEPS SHALL BE 4"/7" AND RUN SHALL BE 11". PER THE STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION (SPPWC) STANDARD PLAN NO. 640-4.
  (RMP) = RAMPED - 8% MAX. RAMP SLOPE WITH 4 FOOT, 2% MAX. LANDING.
- DRN: CONSTRUCT DRAIN PIPE - CORE NEW CURB WITH 4"DIAMETER AND INSTALL 3" PVC SDR-35 DRAIN PIPE, CONNECT NEW PIPE TO EXISTING PIPE
- CHN: CONSTRUCT 6" WIDE CONCRETE CHANNEL FOR WROUGHT IRON ROLLING GATE, LENGTH PER PLAN. BOTTOM OF CHANNEL ELEVATION TO MATCH NEW ADJACENT DRIVEWAY ELEVATION.
- TRM --: TRIM, DESCRIPTION PER PLAN (--): (SHR) SHRUB OR BUSH. (CCT) CACTUS. (TRE) TREE.
- LOW --: LOWER EXISTING FACILITY TO NEW GRADE, DESCRIPTION PER PLAN (--):
  (WIF) WROUGHT IRON FENCE GATE AND TRACK.
- E1: POWER POLE TO BE RELOCATED DURING CONSTRUCTION. CONTRACTOR TO COORDINATE WITH RPU ELECTRIC DIVISION PER SPECIAL PROVISIONS.
- PM --: INSTALL OR REMOVE AND REINSTALL WHITE PAVEMENT MARKING AS NOTED (--).
  (S) THE WORD "STOP". (L) 12" STOP BAR LINE.
  (CL) SOLID DOUBLE YELLOW TRAFFIC CENTERLINES PER CALTRANS STANDARD A20A, DETAIL 22
- SNG --: INSTALL TRAFFIC SIGN AS NOTED (--).
  (A) REMOVE EXISTING STREET NAME SIGN, STOP SIGN AND POSTS. INSTALL NEW STREET NAME SIGN, STOP SIGN AND POSTS PER CITY STD. 662.
  (B) REMOVE AND REPLACE EXISTING STREET NAME SIGN ONLY.
  (C) REMOVE AND REPLACE EXISTING STOP SIGN AND POST.
- CM1 --: 0.12' DEEP MIN. LINEAR COLD MILL OF EXISTING AC PAVEMENT. WITH THE FOLLOWING (--):
  "--" = WIDTH (FEET) OF LINEAR COLD MILL AS INDICATED ON PLANS.
- OL: 0.12' MIN. DEPTH DENSE GRADED ASPHALT CONCRETE (DGAC) PAVEMENT OVERLAY.
- RPU SL: RIVERSIDE PUBLIC UTILITIES ELECTRICAL DIVISIONS, TO REMOVE EXISTING STREET LIGHT REPLACE WITH STANDARD STREETLIGHT PRIOR TO SIDEWALK CONSTRUCTION PER SEPARATE PLAN.

As Built 5/09/23 B.O

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

CITY OF RIVERSIDE
ENGINEER IN RESPONSIBLE CHARGE
Swetaben C. Patel
R.C.E. No. 72032 EXPIRES: 6-30-18
DATE 9/12/17

REGISTERED PROFESSIONAL ENGINEER SWETABEN C. PATEL No. 72032 Exp. 06-30-18 CIVIL STATE OF CALIFORNIA

MARK	REVISIONS	APPR.	DATE

DESIGNED BY AR DRAWN BY AR CHECKED BY SP

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

APPROVED BY	BY	DATE
ENGINEERING MANAGER	E.L	9-18-17
CONSTRUCTION ADMIN.	DG	9-14-17
TRAFFIC DIVISION		9-11-17
STREETS DIVISION		
SURVEY		9/14/17

APPROVED BY CITY ENGINEER
DATE 9/19/17

SIDEWALK IMPROVEMENTS

WELLS-ARLANZA SIDEWALK IMPROVEMENTS

TITLE SHEET AND NOTES

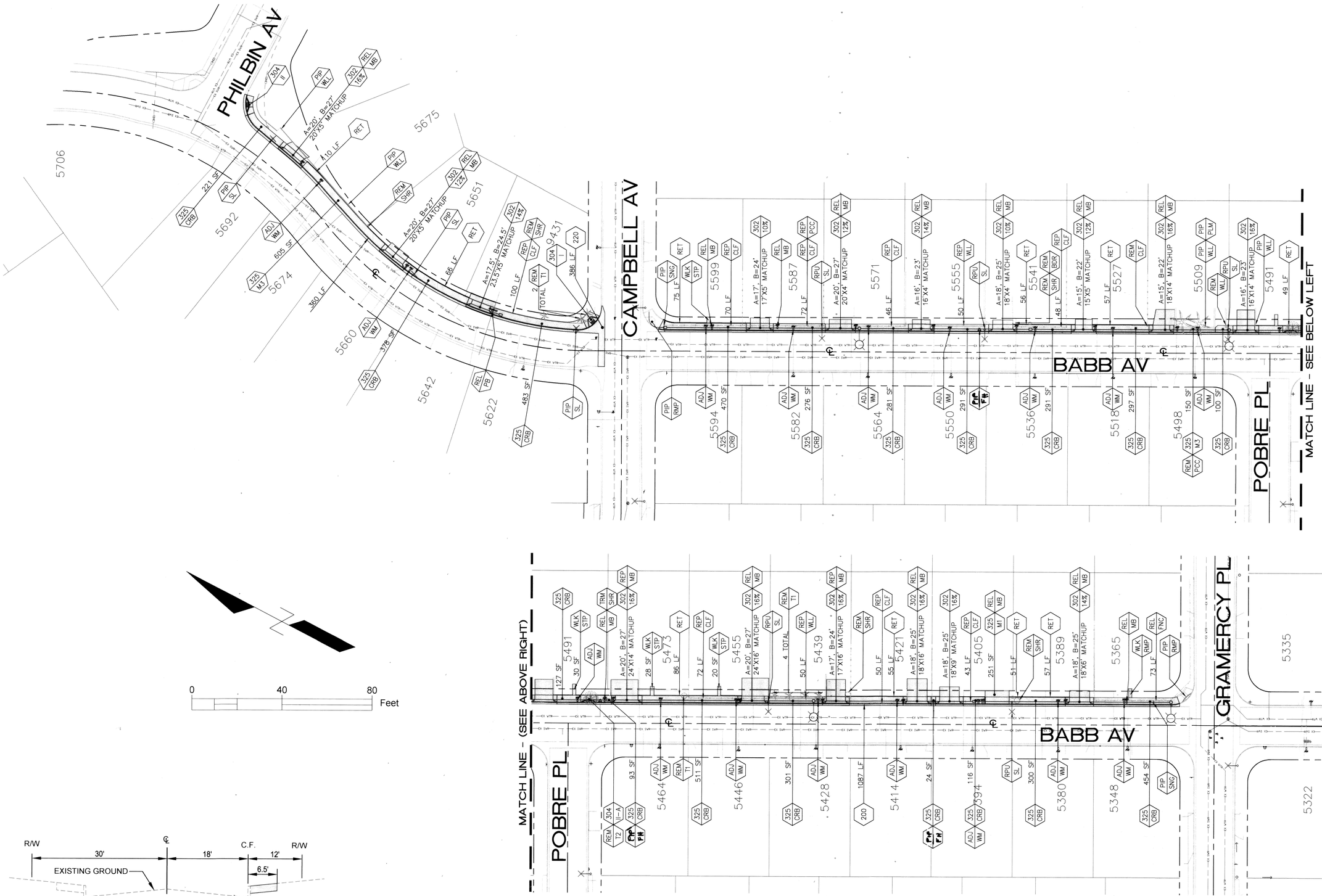
HORIZ. SCALE: N.T.S. VERT. SCALE: NA

DESIGN WORK ORDER. NO.: 1520693
CONSTR. WORK ORDER. NO.: 1723230

R-4384

SHEET 1 OF 5

FILE NAME: R4384-01.DWG



TYPICAL SECTION

N.T.S.

BABB AVE - FROM GRAMERCY PL TO PHILBIN AVE

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

CITY OF RIVERSIDE

ENGINEER IN RESPONSIBLE CHARGE

Swetaben C. Patel
R.C.E. No. 72032 EXPIRES: 6-30-18
DATE 9/12/17

REGISTERED PROFESSIONAL ENGINEER
SWETABEN C. PATEL
No. 72032
Exp. 06-30-18
CIVIL
STATE OF CALIFORNIA

MARK	REVISIONS	APPR.	DATE

DESIGNED BY AR DRAWN BY AR CHECKED BY SP

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

APPROVED BY	BY	DATE
ENGINEERING MANAGER	S.L.	9.12.17
CONSTRUCTION ADMIN.	AC	9.14.17
TRAFFIC DIVISION	J.H.	9.11.17
STREETS DIVISION		
SURVEY		9/14/17

APPROVED BY
CITY ENGINEER
DATE 9/19/17

SIDEWALK IMPROVEMENTS

WELLS-ARLANZA
SIDEWALK IMPROVEMENTS

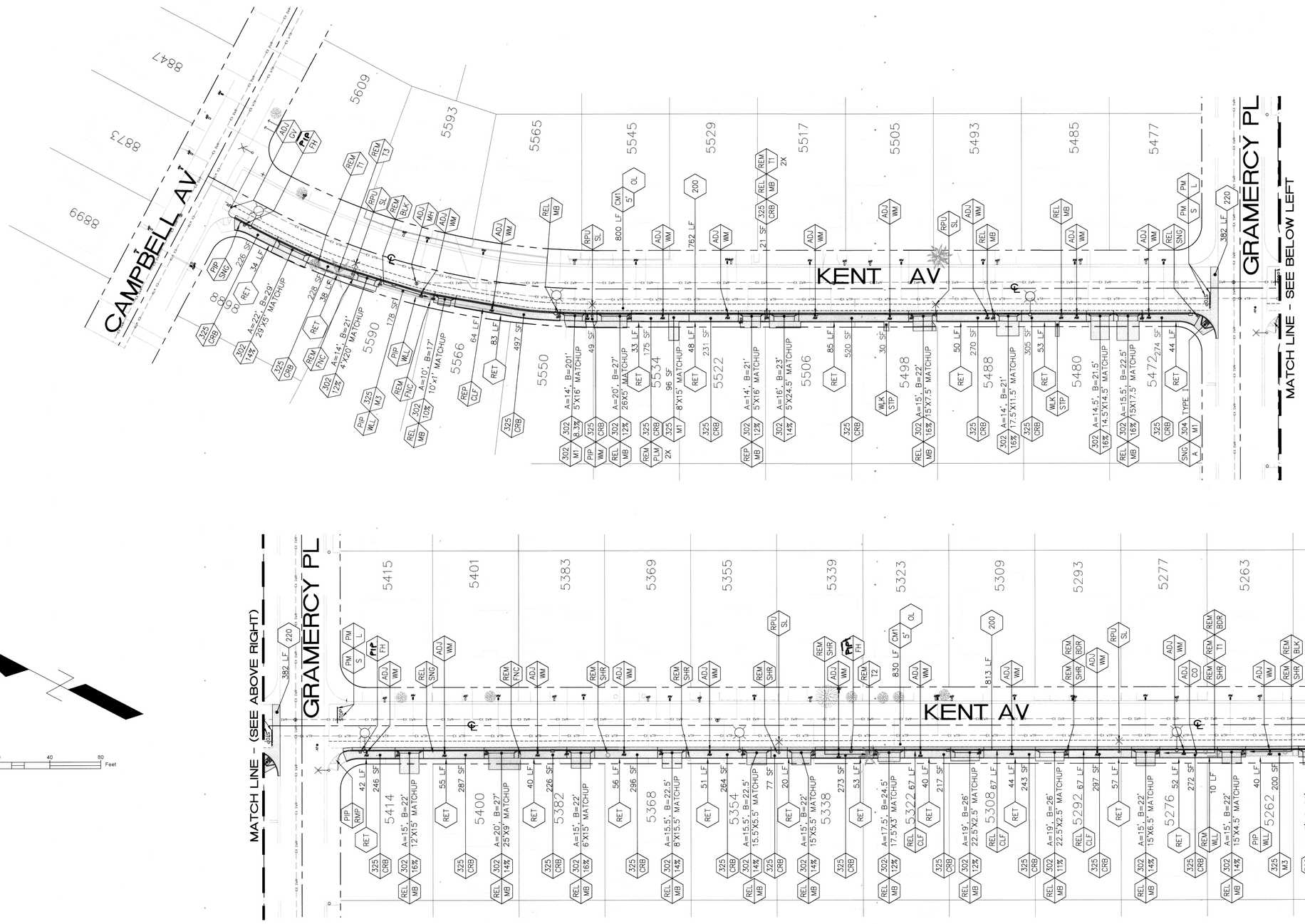
HORIZ. SCALE: 1"=40' VERT. SCALE: NA

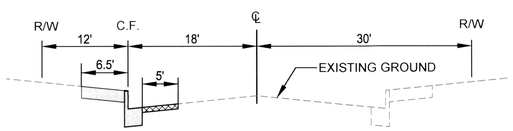
DESIGN WORK ORDER. NO.: 1520693
CONSTR. WORK ORDER. NO.: 1723230

R-4384

SHEET 2 OF 5

FILE NAME: R4384-02.DWG





TYPICAL SECTION

N.T.S.

KENT AVE - FROM WELLS AVE TO CAMPBELL AVE

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

CITY OF RIVERSIDE

ENGINEER IN RESPONSIBLE CHARGE
Swetaben C. Patel
R.C.E. No. 72032 EXPIRES: 6-30-18
DATE 9/12/17

REGISTERED PROFESSIONAL ENGINEER SWETABEN C. PATEL No. 72032 Exp. 06-30-18 CIVIL STATE OF CALIFORNIA

MARK	REVISIONS	APPR.	DATE

DESIGNED BY AR DRAWN BY AR CHECKED BY SP

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

APPROVED BY	BY	DATE
ENGINEERING MANAGER	E.L.	9/12/17
CONSTRUCTION ADMIN.	DG	9/14/17
TRAFFIC DIVISION	K.W.	9/11/17
STREETS DIVISION		
SURVEY		9/14/17

APPROVED BY
CITY ENGINEER
DATE 9/19/17

SIDEWALK IMPROVEMENTS

WELLS-ARLANZA SIDEWALK IMPROVEMENTS

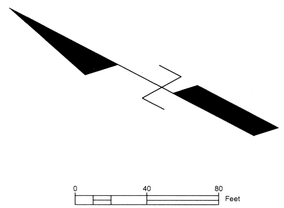
HORIZ. SCALE: 1"=40' VERT. SCALE: NA

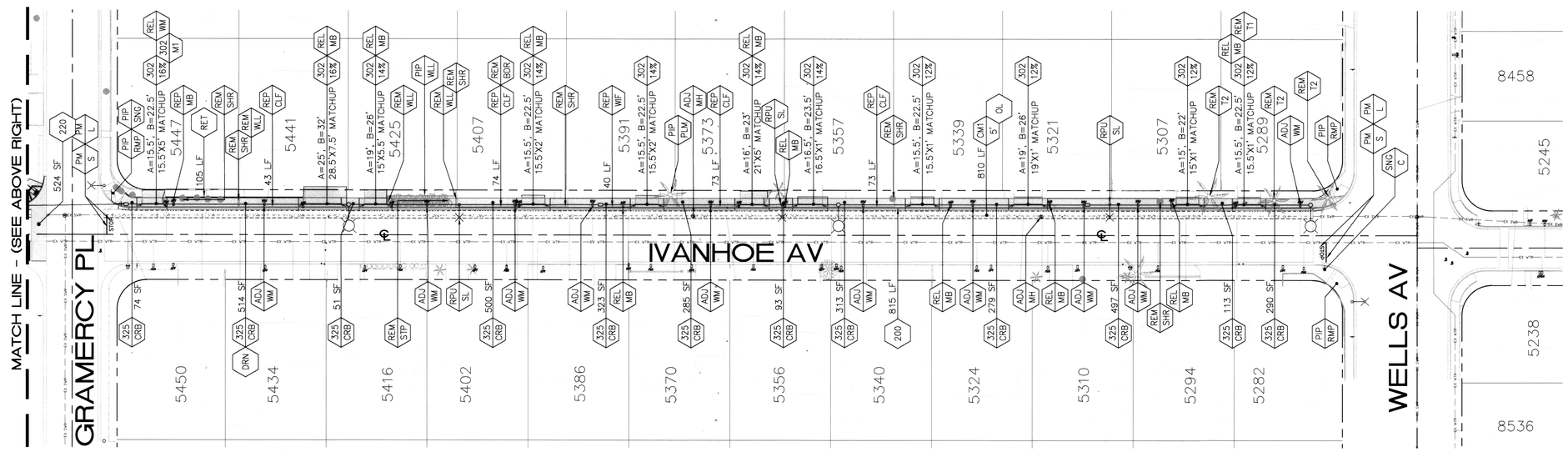
DESIGN WORK ORDER. NO.: 1520693
CONSTR. WORK ORDER. NO.: 1723230

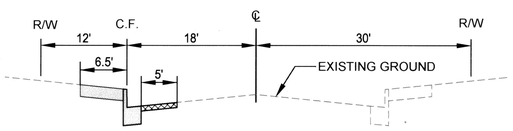
R-4384

SHEET 3 OF 5

FILE NAME: R4384-03.DWG







TYPICAL SECTION

N.T.S.

IVANHOE AVE - FROM WELLS AVE TO PHILBIN AVE

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

CITY OF RIVERSIDE

ENGINEER IN RESPONSIBLE CHARGE

Swetaben C. Patel
R.C.E. No. 72032 EXPIRES: 6-30-18
DATE 9/12/17

REGISTERED PROFESSIONAL ENGINEER — SWETABEN C. PATEL — No. 72032 — Exp. 06-30-18 — CIVIL — STATE OF CALIFORNIA

MARK	REVISIONS	APPR.	DATE

DESIGNED BY AR DRAWN BY AR CHECKED BY SP

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

APPROVED BY	BY	DATE
ENGINEERING MANAGER		9-12-17
CONSTRUCTION ADMIN.		9-12-17
TRAFFIC DIVISION		9-11-17
STREETS DIVISION		
SURVEY		9/14/17

APPROVED BY CITY ENGINEER
DATE 9/19/17

SIDEWALK IMPROVEMENTS

WELLS-ARLANZA SIDEWALK IMPROVEMENTS

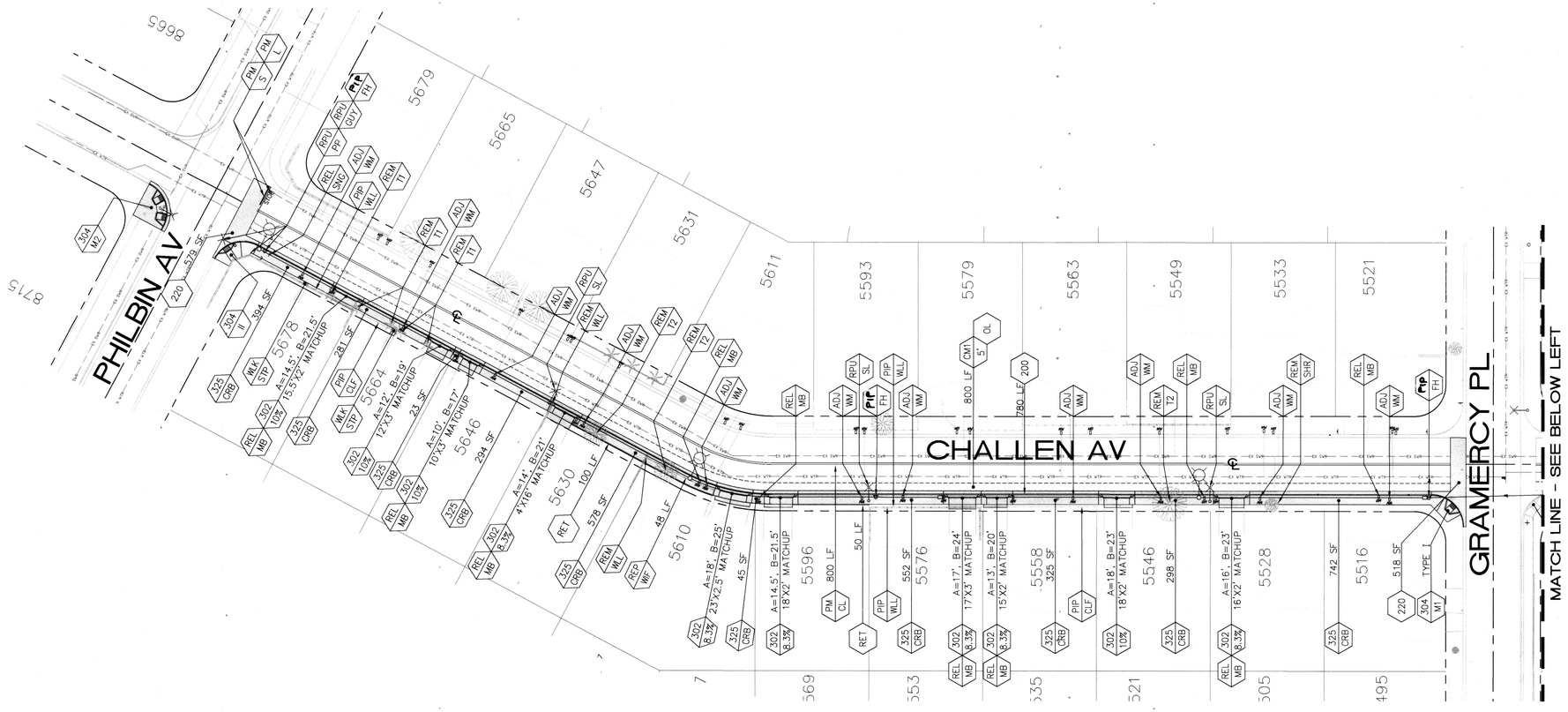
HORIZ. SCALE: 1"=40' VERT. SCALE: NA

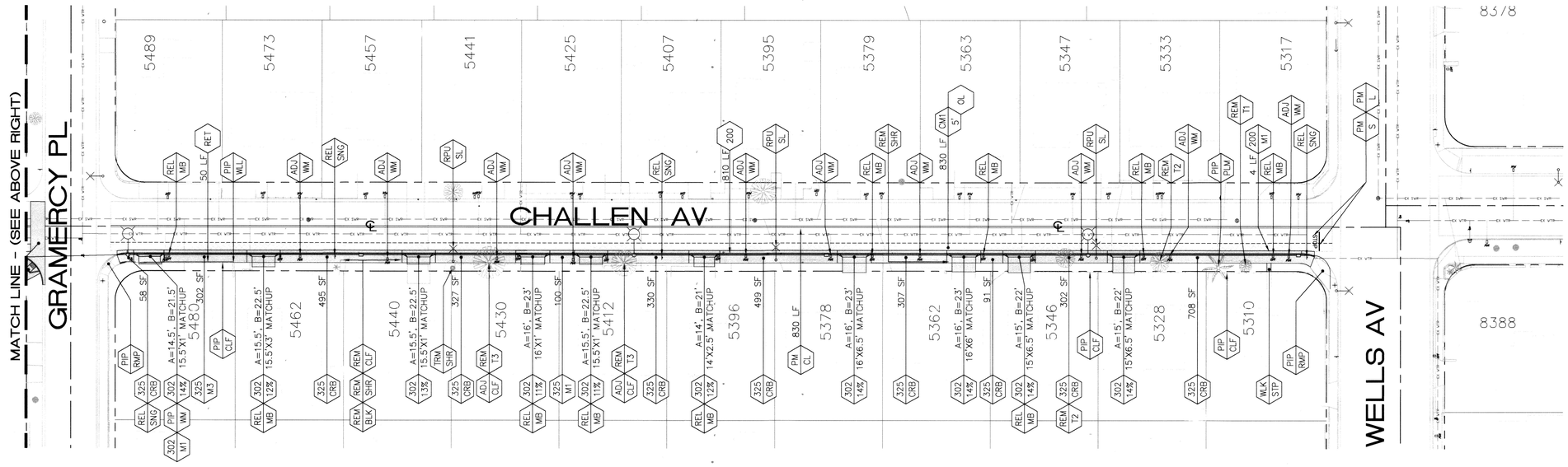
DESIGN WORK ORDER NO.: 1520693
CONSTR. WORK ORDER NO.: 1723230

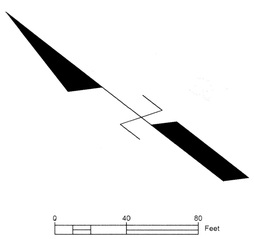
R-4384

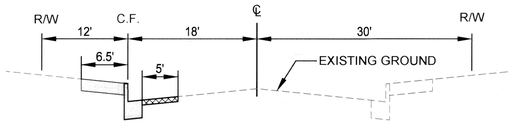
SHEET 4 OF 5

FILE NAME: R4384-04.DWG









TYPICAL SECTION

N.T.S.

CHALLEN AVE - FROM WELLS AVE TO PHILBIN AVE

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

CITY OF RIVERSIDE

ENGINEER IN RESPONSIBLE CHARGE
Sweta Patel
Sweta Patel
R.C.E. No. 72032 EXPIRES: 6-30-18
DATE 9/12/17

REGISTERED PROFESSIONAL ENGINEER SWETABEN C. PATEL No. 72032 Exp. 06-30-18 CIVIL STATE OF CALIFORNIA

MARK	REVISIONS	APPR.	DATE

DESIGNED BY AR DRAWN BY AR CHECKED BY SP

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

APPROVED BY	BY	DATE
ENGINEERING MANAGER	EL	9.12.17
CONSTRUCTION ADMIN.	DG	9.12.17
TRAFFIC DIVISION	[illegible]	9.12.17
STREETS DIVISION		
SURVEY		9/12/17

APPROVED BY
CITY ENGINEER
DATE 9/12/17

SIDEWALK IMPROVEMENTS

WELLS/ARLANZA SIDEWALK IMPROVEMENTS

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

DESIGN WORK ORDER NO.: 1520693
CONSTR. WORK ORDER NO.: 1723230

R-4384

SHEET 5 OF 5

FILE NAME: R4384-05.DWG