

STREET IMPROVEMENT PLAN

FOR

HEDRICK AVE. AND WELLS AVE.

APN 147-190-003, 023, 024, 147-200-004, 007, 026

STREET IMPROVEMENT 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, STAND 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 CITY.
5. QUANTITIES SHOWN ARE FOR INFORMATION ONLY AND THE CITY OF RIVERSIDE IS NOT RESPONSIBLE FOR THEIR ACCURACY.
6. 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.
7. SEE "STREET LIGHTING PLANS" FOR QUANTITY AND LOCATION OF REQUIRED STREET LIGHTS.
8. ALL FLAGGED ELEVATIONS SHALL BE STAKED IN THE FIELD BY THE PRIVATE ENGINEER.
9. 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 SECTION.
10. 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.
11. THE DEVELOPER AND/OR 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.
12. ALL OVERHANGING TREE LIMS THAT ARE LESS THAN 14' ABOVE THE STREET GRADE SHALL BE TRIMMED BACK.
13. 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.
14. 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.
15. 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.
16. FINAL STRIPING FOR TRAFFIC CONTROL AND/OR PAVEMENT MARKING TO THE RESPONSIBILITY OF THE DEVELOPER.
17. 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.
18. CONTRACTOR IS TO VERIFY EXISTING SEWER ELEVATION PRIOR TO CONSTRUCTION.
19. LOCATION OF LATERALS TO BE DETERMINED IN THE FIELD AT THE DIRECTION OF THE OWNER. AVOID CONFLICT WITH PROPOSED AND/OR EXISTING FACILITIES.
20. NO FINISHED FLOOR ELEVATION SHALL BE LESS THAN 6" ABOVE THE UPPER MANHOLE RIM ELEVATION OF THE SEWER LINE SEGMENT BEING CONNECTED TO WITHOUT HAVING A PROPER BACKWATER VALVE INSTALLED IN THE LATERAL.
21. THE SEWER CONTRACTOR SHALL ADJUST MANHOLES TO FINAL GRADE AFTER PAVING IS COMPLETED.
22. PIPES JOINTS FOR VITRIFIED CLAY PIPE SHALL BE TYPE "G" AS SPECIFIED IN SECTION 208-2.3 OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS PROJECTS. IF PLASTIC PIPE IS ALLOWED AS AN ALTERNATIVE, ALL PIPE JOINTS SHALL BE GASKETED. CEMENTED JOINTS SHALL NOT BE ALLOWED.
23. IN PAVEMENT OVERLAY AREAS, ANY DISTRESSED EXISTING PAVEMENT SHALL BE REMOVED AND REPLACED AS DIRECT BY THE INSPECTOR PRIOR TO OVERLAYING WITH A.C. PAVING

SHEET INDEX

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BASIS OF BEARINGS

CALIFORNIA STATE PLANE, ZONE 5
BEARING: N49°40'26"E

BENCHMARK

CITY OF RIVERSIDE ID: F2-F2
RAILROAD SPIKE IN A POWER POLE #1273917E)
AT THE NORTHWEST CORNER OF WELLS AVENUE
AND HEDRICK AVENUE.

ELEVATION: 720.868' (NAVD88)

SOURCE OF TOPOGRAPHY

AERIAL SURVEY BY:
INLAND AERIAL SURVEYS, INC.
7117 ARLINGTON AVE, SUITE A
RIVERSIDE, CALIFORNIA 92503
(951) 687-4252 FAX (951) 687-4120

PROPERTY ADDRESS:

4824 JONES AVE.
RIVERSIDE, CA 92505

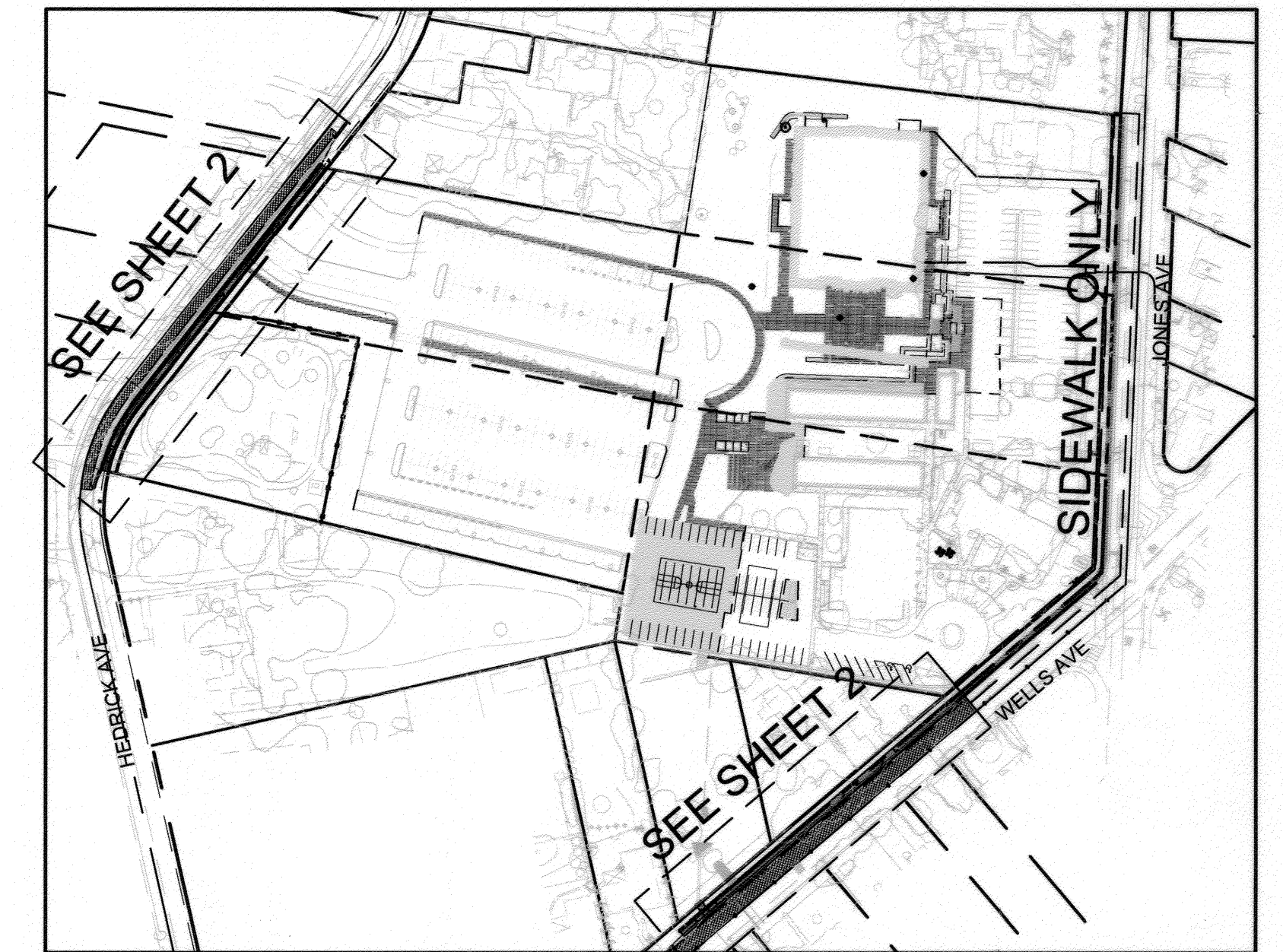
A.P.N. 0620-021-01

PROPERTY OWNER

SAN BERNARDINO DIOCESE
1201 E. HIGHLAND AVE
SAN BERNARDINO, CA 92404
PHONE: (909) 475-5110
C/O VICTOR MENDEZ

NOTE TO CONTRACTOR

PROPOSED SIDEWALK ONLY ALONG EXISTING CURB AND GUTTER ON JONES AVENUE AND WELLS AVENUE TO MEET CITY OF RIVERSIDE STANDARDS.



SITE MAP

LEGEND

	RIGHT OF WAY
	PROPERTY LINE
	CENTERLINE
	FLOWLINE
	(1500) CONTOUR ELEVATION (FEET)
	EXISTING ASPHALT SURFACE EP
	PROPOSED ASPHALT SURFACE
	PROPOSED GRIND AND OVERLAY
	PROPOSED CONCRETE SURFACE

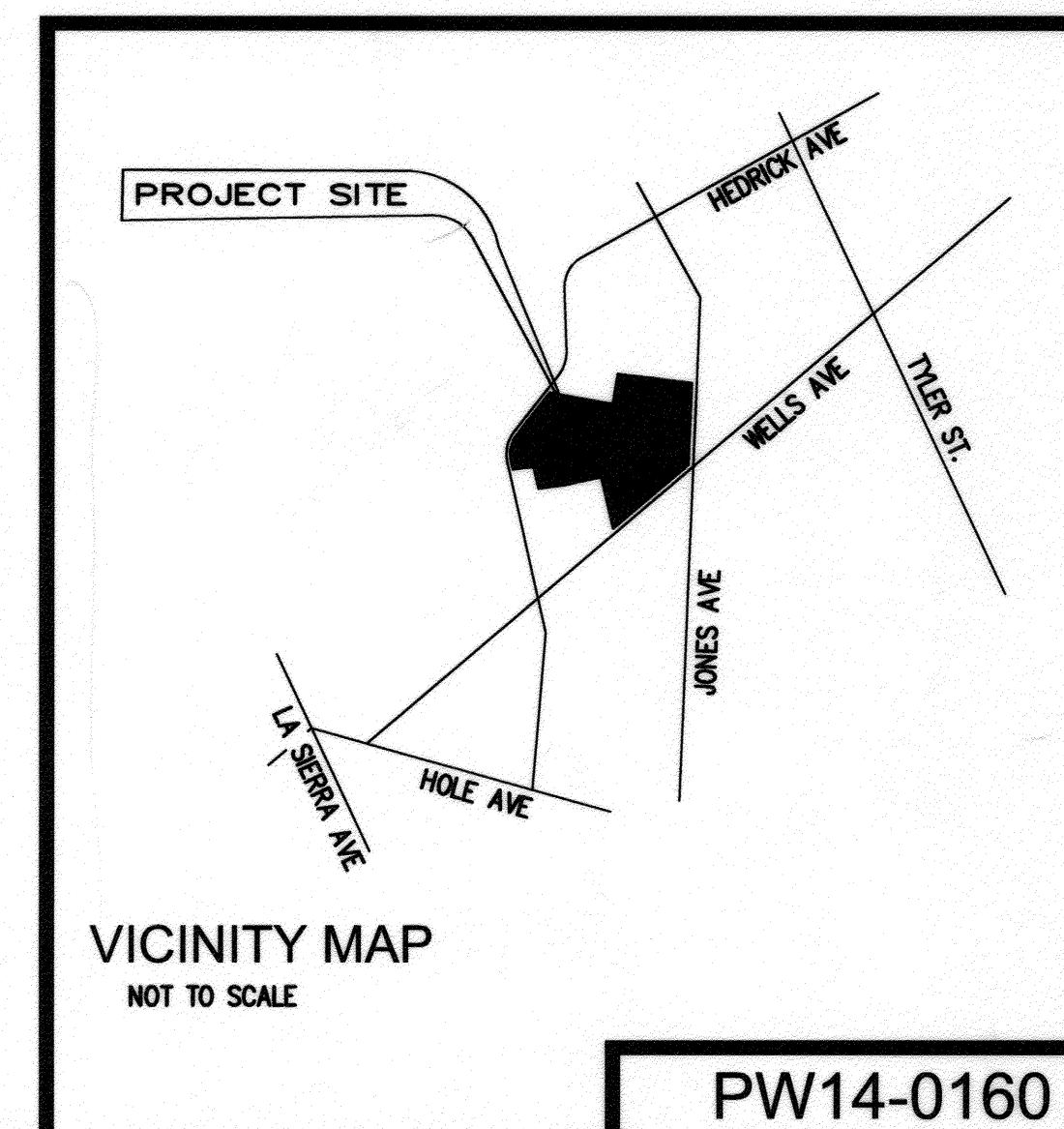
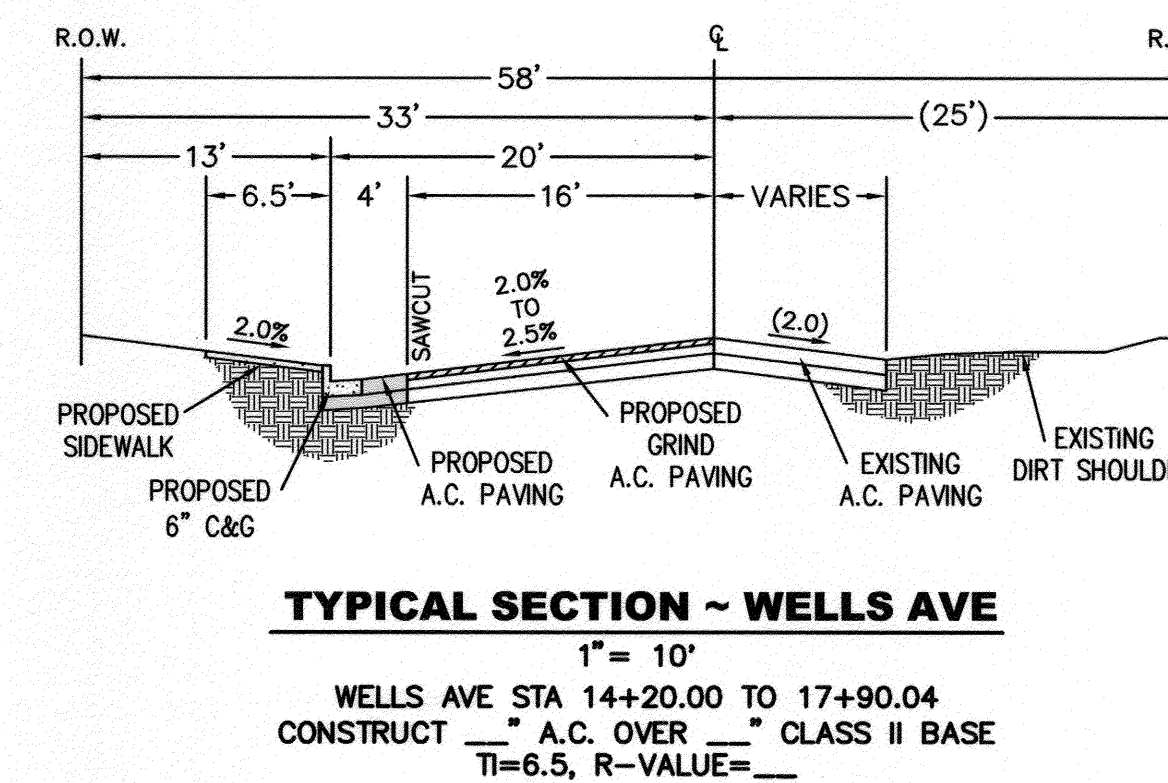
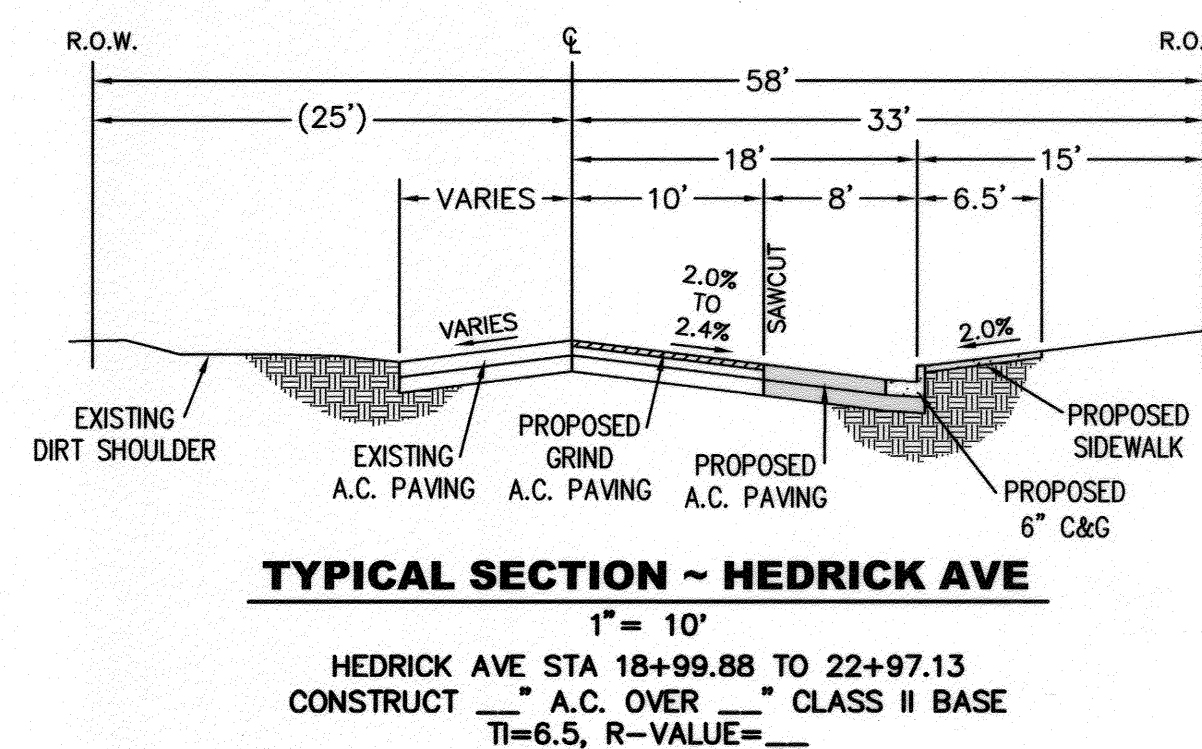
ABBREVIATIONS

AC	ASPHALTIC CONCRETE SURFACE
C&G	CURB AND GUTTER
CL	CENTERLINE
DWY	DRIVEWAY
(E)	EXISTING
FF	FINISH FLOOR
FG	FINISH GRADE
FL	FLOWLINE
FS	FINISHED SURFACE
G	GAS SERVICE
GV	GATE VALVE
PL	PROPERTY LINE
R/W	RIGHT OF WAY
S	SEWER SERVICE
STA	STATION
TC	TOP OF CURB
W	WATER SERVICE

CONSTRUCTION NOTES

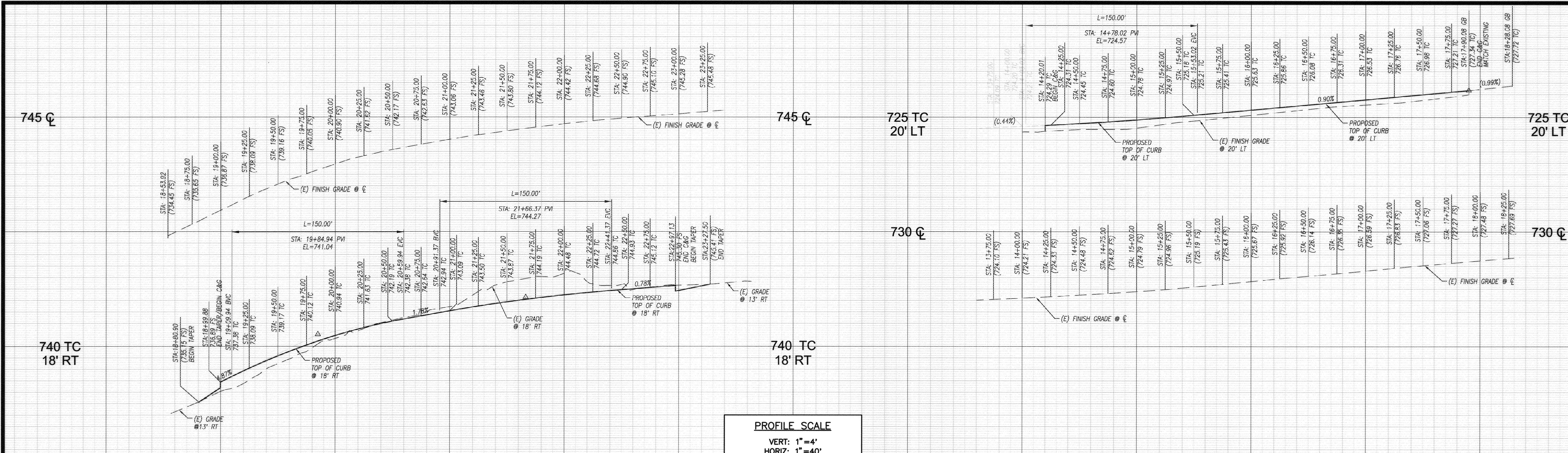
- ① GRIND EXISTING PAVEMENT (0.1' MIN. TO .2' MAX) AND OVERLAY (0.1' MIN. WITH AS NECESSARY TO ENSURE AN INCREASING CHANGE IN GRADE TOWARDS THE PROPOSED CURB AT ALL LOCATIONS WITH LIMITS INDICATED. QTY: 11,002 SF.
- ② CONSTRUCT PAVEMENT STRUCTURAL SECTION OF " " AC OVER " " CLASS II AGGREGATE BASE OVER 90% COMPACTED NATIVE SOIL, PER SOIL REPORT # ____ QTY: 3,419 SF.
- ③ CONSTRUCT 6" CURB AND GUTTER PER CITY OF RIVERSIDE STANDARD 200. QTY: 760 LF.
- ④ CONSTRUCT 6.5' WIDE SIDEWALK PER CITY OF RIVERSIDE STANDARD 325. QTY: 8,618 SF.
- ⑤ CONSTRUCT DRIVEWAY APPROACH PER RIVERSIDE CITY STD. 302 (TYPE CURB-I), WIDTH AS NOTED. QTY: 435 SF/4 EA.
- ⑥ PARKWAY CULVERT PER CITY OF RIVERSIDE STD. 410, S=6'. QTY: 1 EA.
- ⑦ ADJUST EXISTING GATE VALVE TO SURFACE OR PROTECT IN PLACE.
- ⑧ ADJUST METER BOX TO SIDEWALK SURFACE.

QTY

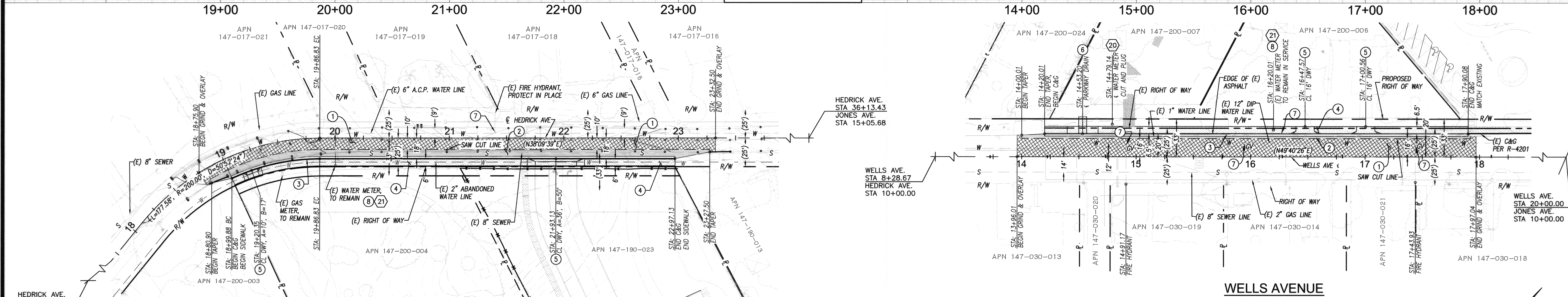


PW14-0160

 Call: TOLL FREE 1-800-227-2600 DIAL BEFORE YOU DIG TWO WORKING DAYS BEFORE YOU DIG A PUBLIC SERVICE BY UNDERGROUND SERVICE ALERT	ENGINEER'S SEAL No. C-70944 Exp. 6-30-15 CIVIL STATE OF CALIFORNIA 1-5-15	BO NADIMAN BO NADIMAN & ASSOCIATES ENGINEERS & SURVEYORS 1400 W. 17TH STREET, SUITE 200 RIVERSIDE, CA 92507 TEL: (909) 985-3806 FAX: (909) 985-1771 www.bnadiman.com	REMARK: APR. DATE: CITY OF RIVERSIDE - WATER APPROVED BY: CITY OF RIVERSIDE - ELECTRIC APPROVED BY: DATE: 1-7-15	CITY OF RIVERSIDE, CALIFORNIA PUBLIC WORKS DEPARTMENT Approved By: ENGINEERING MANAGER CAPRAL PROJECTS: TRAFFIC ENGINEERING: DATE: 1/21/15	CITY ENGINEER/PW DIRECTOR APPROVED BY: DATE: 1/21/15	STREET IMPROVEMENT HEDRICK AVE STA: 18+99.88 TO STA: 22+97.13 WELLS AVE. STA: 14+20.00 TO STA: 17+90.04 SCALE: NONE	ACCT. NO. R-4314 SHEET 1 OF 2



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



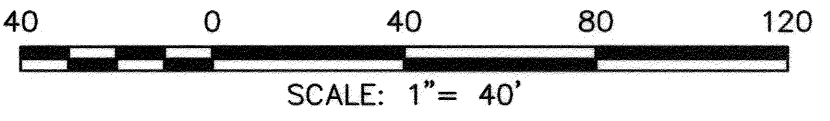
HEDRICK AVE.
 STA 10+00.00
 WELLS AVE.
 STA 8+28.67

HEDRICK AVENUE

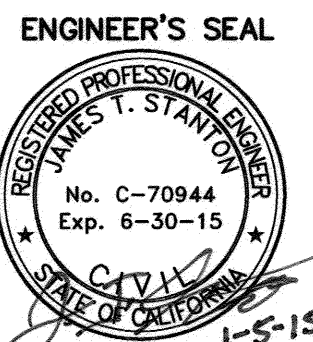
**WELLS AVENUE
 CONSTRUCTION NOTES**

CITY FORCES CONSTRUCTION	QUANTITY
(20) CUT AND PLUG 1" WATER SERVICE	1 EA.
(21) CONTACT RIVERSIDE PUBLIC UTILITIES - WATER DIVISION IF WATER SERVICE ADJUSTMENT IS ALSO REQUIRED	2 EA.

- GRIND EXISTING PAVEMENT (0.1' MIN. TO 2' MAX) AND OVERLAY (0.1' MIN. WITH AS NECESSARY TO ENSURE AN INCREASING CHANGE IN GRADE TOWARDS THE PROPOSED CURB AT ALL LOCATIONS WITH LIMITS INDICATED.
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- CONSTRUCT DRIVEWAY APPROACH PER RIVERSIDE CITY STD. 302 (TYPE CURB-I), WIDTH AS NOTED.
- PARKWAY CULVERT PER CITY OF RIVERSIDE STD. 410, S=6'.
- ADJUST EXISTING GATE VALVE TO SURFACE OR PROTECT IN PLACE.
- ADJUST METER BOX TO SIDEWALK SURFACE.



Underground Service Alert
 Call: TOLL FREE
 1-800-227-2600
 DIAL BEFORE
 YOU DIG
 TWO WORKING DAYS BEFORE YOU DIG
 A PUBLIC SERVICE BY UNDERGROUND SERVICE ALERT



BNADIMAN
 No. C-79944
 Exp. 6-30-15
 Scale: 1"= 40'
 Date: 1-05-15
 Bench Mark:
 CITY OF RIVERSIDE ID: F2-F2
 ELEVATION: 720.868' (NAVD88)

REMARK	APR. DATE
CITY OF RIVERSIDE - WATER	
CITY OF RIVERSIDE - ELECTRIC	

**CITY OF RIVERSIDE, CALIFORNIA
 PUBLIC WORKS DEPARTMENT**
 Approved By: [Signature] Date: 1/22/15
 Approved By: [Signature] Date: 1/16/15
 CITY ENGINEER/PW DIRECTOR
 DATE: 1/22/2015

STREET IMPROVEMENT
 HEDRICK AVE
 STA: 18+99.88 TO STA: 22+97.13
 WELLS AVE.
 STA: 14+20.00 TO STA: 17+90.04
 HORIZONTAL SCALE: 1"=40' VERTICAL SCALE: 1"=4'

ACCT. NO.
R-4314
 SHEET **2** OF **2**