CITY OF RIVERSIDE
STREET IMPROVEMENT PLANS
FOR
INDIANA AVENUE, PIERCE STREET, BUCHANAN STREET
SAYWARD CIRCLE & RAINFOREST DRIVE
AT
ALVORD UNIFIED SCHOOL DISTRICT
HIGH SCHOOL No. 4

STREET GENERAL NOTES - CITY

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 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. THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF STREET LIGHTS AND UNDERGROUND ELECTRIC UTILITY FACILITIES. CONTACT RIVERSIDE PUBLIC UTILIIES 90 DAYS IN ADVANCE OF CONSTRUCTION TO OBTAIN APPROVED STREET LIGHT AND ELECTRIC PLANS.
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 AND SHALL RECEIVE HEADER CUTS. 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 SUBDIVIDER 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 LIMBS THAT ARE LESS THAN 14' ABOVE THE STREET GRADE SHALL BE TRIMMED BACK.
13. THE DEVELOPER AND/OR CONTRACTOR SHALL CONTACT THE STREET DIVISION (351-6127) TO PICK UP ANY EXISTING STD. 180 BARRICADES THAT ARE BEING REMOVED. THE CITY'S INSPECTOR WILL MAKE THE FINAL DETERMINATION ON WHETHER A BARRICADE CAN BE RELOCATED.
14. 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 VALUE OF THE FILL BELOW SUBGRADE, PRIOR TO ISSUANCE OF THE CONSTRUCTION PERMIT/CUT SHEETS.
15. ALL TRAFFIC SIGNS SHALL BE INSTALLED PRIOR TO OPENING THE STREETS TO TRAFFIC.
16. 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.
17. FINAL STRIPING FOR TRAFFIC CONTROL AND/OR PAVEMENT MARKING TO BE THE RESPONSIBILITY OF THE DEVELOPER.
18. 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.
19. THE SEWER CONTRACTOR SHALL ADJUST MANHOLES TO FINAL GRADE AFTER PAVING IS COMPLETED.
20. BEFORE THE RIP-RAP AT THE OUTLET OF ANY DRAINAGE STRUCTURE IS ACCEPTED BY THE CITY, IT SHALL BE TESTED UNDER FLOWS AS CLOSE AS POSSIBLE TO DESIGN CONDITIONS WITH WATER OBTAINED FROM FIRE HYDRANTS IN THE IMMEDIATE AREA.
21. 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.
22. THE CONTRACTOR SHALL COORDINATE TRENCHING FOR CABLE TELEVISION WITH OTHER TRENCHING WITHIN THE PROJECT LIMITS.
23. CITY FORCES WILL NOT ADJUST WATER VALVES. ALL WATER VALVE CANS TO BE ADJUSTED TO GRADE BY CONTRACTOR.

STREET GENERAL NOTES - COUNTY

1. IT SHALL BE THE RESPONSIBILITY OF THE DEVELOPER/OWNER OR CONTRACTOR TO APPLY TO THE RIVERSIDE COUNTY TRANSPORTATION DEPARTMENT AT (951) 955-6790, PERMIT SECTION, FOR AN ENCROACHMENT PERMIT FOR ALL WORK PERFORMED WITHIN PUBLIC RIGHT OF WAY, DEDICATED AND ACCEPTED FOR PUBLIC USE; AND TO BE RESPONSIBLE FOR SATISFACTORY COMPLIANCE FOR ALL CURRENT ENVIRONMENTAL REGULATIONS DURING THE LIFE OF CONSTRUCTION ACTIVITIES FOR THIS PROJECT. ADDITIONAL STUDIES AND/OR PERMITS MAY BE REQUIRED.
2. IT SHALL BE THE RESPONSIBILITY OF THE DEVELOPER TO NOTIFY THE ENGINEER TO INSTALL STREET CENTERLINE MONUMENTS AS REQUIRED BY RIVERSIDE COUNTY ORDINANCE No. 461.
3. ASPHALTIC EMULSION (FOG SEAL) SHALL BE APPLIED NOT LESS THAN FOURTEEN DAYS FOLLOWING PLACEMENT OF THE ASPHALT SURFACING. FOG SEAL AND PAINT BINDER SHALL BE APPLIED AT A RATE OF 0.05 AND 0.03 GALLONS PER SQUARE YARD RESPECTIVELY. ASPHALTIC EMULSION SHALL CONFORM TO SECTION 37, 39 AND 94 OF THE STATE STANDARD SPECIFICATIONS.
4. THE DEVELOPER SHALL BE RESPONSIBLE FOR THE INSTALLATION OF ADDITIONAL SIGNS AND MARKINGS NOT INCLUDED IN THE SIGNING AND STRIPING PLAN WITHIN THE PROJECT AREAS, OR ON ROADWAYS ADJACENT TO THE PROJECT BOUNDARIES, UPON THE REQUEST OF THE DIRECTOR OF TRANPORTATION OR HIS DESIGNEE TO IMPROVE TRAFFIC SAFETY ON THE ROADS UNDER THE JURISDICTION OF THE DEVELOPER.
5. THE DEVELOPER WILL INSTALL STREET NAME SIGNS CONFORMING TO COUNTY STANDARD NO. 816

PUBLIC UTILITIES DEPARTMENT NOTE:

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

ENCROACHMENT NOTE:

WORK CONTAINED WITHIN THESE PLANS SHALL NOT COMMENCE UNTIL AN ENCROACHMENT PERMIT AND/OR A GRADING PERMIT HAS BEEN ISSUED

COUNTY PORTION
PERMIT = COUNTY
INSPECTION = CITY

INSPECTIONS WITHIN COUNTY OF RIVERSIDE SHALL BE MADE BY CITY OF RIVERSIDE INSPECTORS.

GENERAL NOTES FOR STREET TREE PLANTING

1. ALL RELATED WORK SHALL CONFORM TO THE CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT STANDARDS AND CITY OF RIVERSIDE STREET TREE POLICIES.
2. WHEN CALLING FOR INSPECTIONS CONTACT THE STREET TREE INSPECTOR A MINIMUM OF 48 HOURS IN ADVANCE AT (951) 826-5311 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 & WHEN ALL UTILITY SERVICES AND SEWER LATERALS HAVE BEEN MARKED, BUT PRIOR TO DIGGING PLANT PITS. ALL STREET TREE LOCATIONS ARE TO BE SPOTTED IN THE FIELD AFTER HARDSCAPE HAS BEEN INSTALLED 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 THE END OF THE MAINTENANCE PERIOD. THE CONTRACTOR/DEVELOPER COMPLETED, FOR START OF MAINTENANCE.
   SHALL CALL THE STREET TREE INSPECTOR AT (951) 826-5311 FOR A FINAL ACCEPTANCE INSPECTION IN ORDER TO BE RELEASED FROM MAINTENANCE. DEVELOPERS BONDS WILL NOT BE RELEASED UNTIL AFTER RECEIPT OR WRITTEN NOTIFICATION FROM THE CITY THAT THE TREES PASS FINAL INSPECTION AND THE PUBLIC WORKS DEPARTMENT IS ASSUMING MAINTENANCE RESPONSIBILITIES.
3. ALL TREES ARE TO BE PLANTED PRIOR TO OCCUPANCE.
4. THE DEVELOPER SHALL BE RESPONSIBLE TO MAINTAIN ALL PLANTINGS FOR A MINIMUM PERIOD OF ONE (1) YEAR.
5. STREET TREE PLANTING SHALL BE AS FOLLOWS:

STREET NAME	BOTANICA NAME/COMMON NAME	SIZE	SPACING	REQUIRED
INDIANA AV.	QUERCUS AGRIFOLIA / "COAST LIVE OAK"	24"	45' O.C.	84 EA
PIERCE ST.	QUERCUS AGRIFOLIA / "COAST LIVE OAK"	24"	45' O.C.	15 EA
SAYWARD CIR.	QUERCUS AGRIFOLIA / "COAST LIVE OAK"	24"	45' O.C.	0 EA
RAINFOREST DR.	QUERCUS AGRIFOLIA / "COAST LIVE OAK"	24"	45' O.C.	5 EA

6. BOTH A STREET RELOCATION/REMOVAL PERMIT AS ISSUED BY THE PUBLIC WORKS DEPARTMENT AND STREET OPENING PERMIT AS ISSUED BY THE PUBLIC WORK DEPARTMENT, ARE REQUIRED 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 WORK INSPECTOR FOR PROPER COMPACTION.
7. ALL STREETS MUST BE AUTOMATICALLY IRRIGATED, EXCEPT WHERE ADJACENT TO SINGLE FAMILY OR DUPLEX RESIDENTIAL USES.

*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.

CONTACT INFO

RIVERSIDE PUBLIC UTILITIES
ELECTRICAL DIVISION
FOR STREET LIGHTS, OVERHEAD & UNDERGROUND FACILITIES

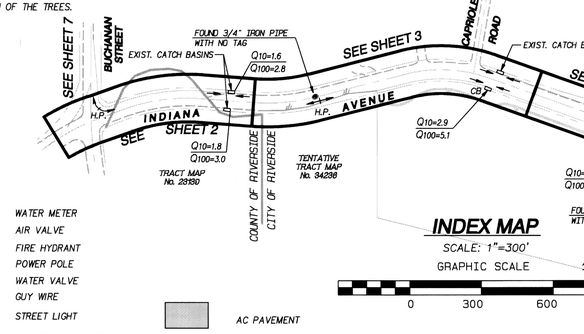
FABIO SAENZ
PH. NO. (951)826-2138
3901 ORANGE STREET
RIVERSIDE, CA 92501

STREET LIGHTS PER APPROVED STREET LIGHT PLAN PREPARED BY CITY OF RIVERSIDE ELECTRICAL DEPARTMENT

FOR SEWER PLANS SEE S-2024
FOR STORM DRAIN PLANS SEE D-834

LEGEND

AB	CRUSHED AGGREGATE BASE	⊠	WATER METER
AC	ASPHALTIC CONCRETE		AIR VALVE
CONC	CONCRETE		FIRE HYDRANT
BO	BLOW OFF		POWER POLE
BC	BEGIN CURVE		WATER VALVE
BCR	BEGIN CURB RETURN		GUY WIRE
BVC	BEGIN VERTICAL CURVE		STREET LIGHT
BEG	BEGIN		CONSTRUCTION NOTE
CB	CATCH BASIN		TREE
C/L	CENTERLINE		PALM TREE
CY	CUBIC YARDS		EXISTING EDGE OF PAVEMENT
D/W	DRIVEWAY		PROPOSED EDGE OF PAVEMENT
EA	EACH	99	EXISTING CONTOUR
EC	END CURVE		MANHOLE
ECR	END CURB RETURN		
EP	EDGE OF PAVEMENT		
EVC	END VERTICAL CURVE		
EX	EXISTING		
FG	FINISHED GROUND		
FL	FLOW LINE		
FS	FINISHED SURFACE		
GB	GRADE BREAK		
LF	LINEAR FEET		
MH	MANHOLE		
MOC	MIDDLE OF CURVE		
MVC	MIDDLE OF VERTICAL CURVE		
PCC	PORTLAND CEMENT CONCRETE		
PP	POWER POLE		
P/L	PROPERTY LINE		
R/W	RIGHT OF WAY		
RPU	RIVERSIDE PUBLIC UTILITIES		
SD	STORM DRAIN		
SF	SQUARE FEET		
TB	TOP OF BERM		
TC	TOP OF CURB		
TNS	TONS		
W	WIDTH		
●	BOLLARD		
▭	MAILBOX		



INDEX MAP

SCALE: 1"=300'

GRAPHIC SCALE 1"=300'

0 300 600 900

AC PAVEMENT
PCC SURFACING
PCC (CROSS SECTION)
AREA OF AC COLD PLANE GRIND AND OVERLAY
CRUSHED AGGREGATE BASE
AREA OF REMOVAL

BENCHMARK

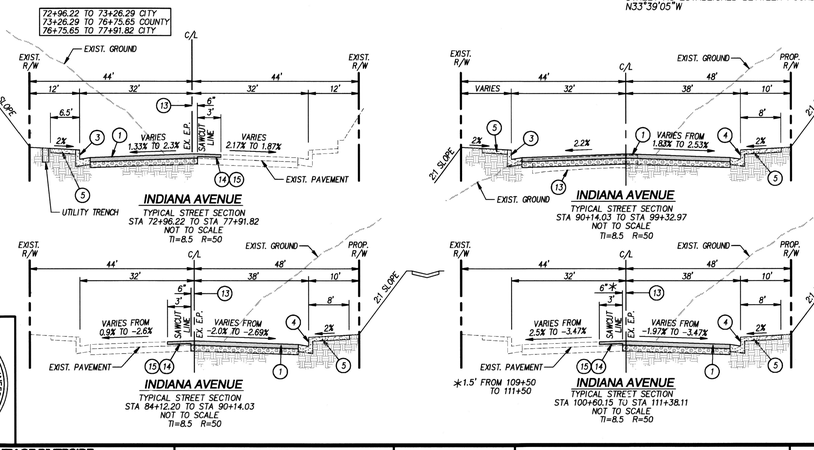
VERTICAL CONTROL: BENCHMARK ELEV=738.410
DATUM: 1929 ADJUSTMENT YEAR: 1971

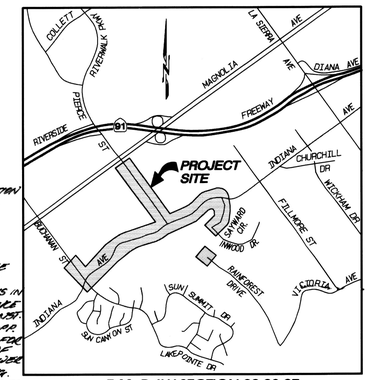
CHISELED SQUARE ON THE TOP OF CURB AT THE WESTERLY END OF CATCH BASIN FRONTING THE SOUTHERLY CURB OF INDIANA AVENUE AT THE SOUTHEAST CORNER OF INDIANA AVENUE AND FILLMORE STREET.

POINT ID: E2-P2

BASIS OF BEARING

THE BASIS OF BEARINGS SHOWN HEREON IS THE CENTERLINE OF PIERCE STREET AS ESTABLISHED BETWEEN FOUND MONUMENTS TAKING AS BEING N33°39'05"W





T.3S, R.6W SECTION 22,23,27
VICINITY MAP
NOT TO SCALE

RIVERSIDE PUBLIC UTILITIES NOTE:

THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF STREET LIGHTS AND UNDERGROUND ELECTRIC UTILITY FACILITIES. CONTACT RIVERSIDE PUBLIC UTILITIES 90 DAYS IN ADVANCE OF CONSTRUCTION TO OBTAIN APPROVED STREET LIGHT AND ELECTRIC PLANS.
OVERHEAD/UNDERGROUND POWER FACILITIES SHALL BE RELOCATED BY DEVELOPER & CITY OF RIVERSIDE AS DEVELOPERS EXPENSE. CONTACT R.P.U. @ 909 351-6368 5 DAYS IN ADVANCE OF CONST. FOR R.P.U. PLANS FOR R.P.U. OVERHEAD & U.G. POWER & ST. LTG. FACILITIES.

CITY SHEET INDEX

No.	SHEET TITLE
1	TITLE SHEET
2	STREET PLAN AND PROFILE - INDIANA AVENUE
3	STREET PLAN AND PROFILE - INDIANA AVENUE
4	STREET PLAN AND PROFILE - INDIANA AVENUE
5	STREET PLAN AND PROFILE - INDIANA AVENUE
6	STREET PLAN AND PROFILE - INDIANA AVENUE
7	STREET PLAN AND PROFILE - PIERCE STREET AND BUCHANAN STREET
8	STREET PLAN AND PROFILE - PIERCE STREET
9	STREET PLAN AND PROFILE - SAYWARD CIRCLE AND RAINFOREST DRIVE
10	STREET PLAN DETAILS
11	STREET PLAN DETAILS
12	STREET PLAN DETAILS

COUNTY SHEET INDEX

No.	SHEET TITLE
1	TITLE SHEET
2	STREET PLAN AND PROFILE - INDIANA AVENUE

CONSTRUCTION NOTES AND QUANTITIES ESTIMATES

		COUNTY (11700 SF)	CITY (197820 SF)
1	CONSTRUCT 5.5" AC PAVING OVER 6" AGGREGATE BASE PER CITY OF RIVERSIDE REQUIREMENTS R-VALUE= 50	355 TNS AC 235 CY AB	5982 TNS AC 3960 CY AB
2	CONSTRUCT 3" AC PAVING OVER 4" AGGREGATE BASE PER SOILS REPORT No.06-81-246-02, R-VALUE= 50 (10800 SF)		195 TNS AC 100 CY AB
3	CONSTRUCT 6" PCC CURB & GUTTER (TYPE I) PER RIV. CITY STD. DWG. 200		3200 LF
4	CONSTRUCT 8" PCC CURB & GUTTER (TYPE I) PER RIV. CITY STD. DWG. 200		1320 LF
5	CONSTRUCT PCC SIDEWALK PER RIV. CITY STD. DWG. 325 (WIDTH PER PLAN)	2200 SF	44360 SF
6	CONSTRUCT WHEELCHAIR RAMP (TYPE I, II, OR II-A) PER RIV. CITY STD. DWG. 304		9 EA
7	CONSTRUCT PCC DRIVEWAY APPROACH (TYPE CURB-I) PER RIV. CITY STD. DWG. 302		5630 SF
8	CONSTRUCT CATCH BASIN PER RIV. CITY STD. DWG. 405 (W & V AS NOTED PER PLAN)		6 EA
9	CONSTRUCT 1'-6" AC BERM (TYPE I) PER RIV. CITY STD. DWG. 250		250 LF
10	CONSTRUCT PCC CROSS GUTTER PER RIV. CITY STD. DWG. 220 (W=6')		2290 SF
11	FURNISH AND INSTALL PROTECTIVE BOLLARD PER DETAIL "B" ON SHEET 12		2 EA
12	CONSTRUCT PCC RETAINING CURB PER DETAIL "C" ON SHEET 12		47 LF
13	SAWCUT, REMOVE & DISPOSE OF EXIST. AC/AB PAVEMENT	360 SF	60440 SF
14	COLD PLANE GRIND EXISTING AC PAVEMENT 0.12" MIN. (3" WIDE MIN.) PER DETAIL "D" ON SHEET 2	1300 SF	23360 SF
15	OVERLAY EXIST. PREPARED PAVEMENT WITH 0.12" AC MIN. (3" WIDE MIN.) PER DETAIL "D" ON SHEET 2	1300 SF	23360 SF
16	OVERHEAD POWER FACILITIES SHALL BE RELOCATED BY CITY OF RIVERSIDE AT DEVELOPER'S EXPENSE. CONTACT RIVERSIDE PUBLIC UTILITIES 90 DAYS IN ADVANCE OF CONSTRUCTION FOR RELOCATION OF OVERHEAD POWER FACILITIES.		10 EA
17	REMOVE & DISPOSE OF EXIST. CHAIN LINK FENCE		1600 LF
18	ADJUST EXIST. TO PROPOSED FINISH GRADE		25 EA
19	REMOVE & DISPOSE OF EXIST. GUARD RAIL/BARRICADE OR SALVAGE TO CITY YARD AT THE DIRECTION OF CITY INSPECTOR		500 LF
20	PROTECT IN PLACE		
21	SAWCUT, REMOVE & DISPOSE OF EXIST. CONCRETE		1300 SF
22	RELOCATE EXIST. MAILBOX TO POSTMASTER APPROVED LOCATION		17 EA
23	NOTES 23 TO 25 NOT USED		
24	RELOCATE EXIST. STREET SIGN PER APPROVED SIGNING & STRIPING PLANS		11 EA
25	NOTE NOT USED		
26	REMOVE & DISPOSE OF EXISTING CSP INLET		2 EA
27	INSTALL STREET TREE PER SHEET 1 OF 12. MAINTAIN 4' CLEAR ACCESS ON SIDEWALK.		104 EA
28	RE-SET CENTERLINE MONUMENTATION		14 EA
29	SAWCUT, REMOVE & DISPOSE OF EXISTING AC BERM		2900 LF
30	REMOVE & DISPOSE OF EXISTING TREE OR SALVAGE TO OWNER		8 EA
31	RELOCATE EXISTING FENCE 6" BEHIND PROPOSED RIGHT OF WAY		100 LF
32	RELOCATE EXISTING TELEPHONE MANHOLE BEHIND PROPOSED SIDEWALK BY OWNING UTILITY PURVEYOR		1 EA
33	REMOVE & SALVAGE EXIST. WHEEL STOPS TO AUSD IF REQUESTED, OTHERWISE DISPOSE		15 EA
34	JOIN & MATCH EXIST. CONCRETE DRIVEWAY FINISH SURFACE		
35	RE-GRADE EXIST. FRONT YARD, REPLACE SOD AS NECESSARY & LEAVE IRRIGATION SPRINKLERS IN PROPER WORKING ORDER WITH FULL COVERAGE IF APPLICABLE		
36	FURNISH AND INSTALL 2" X 4" REDWOOD HEADER PER DETAIL "A" ON SHEET 12		400 LF
37	DEVELOPER SHALL ADJUST EXISTING ELECTRICAL STRUCTURE TO FINISHED GRADE AT DEVELOPER'S EXPENSE, PER RPU UNDERGROUND STANDARDS. CAUTION QUALIFIED ELECTRICAL WORKER (QEW) REQUIRED TO PERFORM WORK. COORDINATE WITH RIVERSIDE PUBLIC UTILITIES INSPECTOR AT LEAST 2 WORK DAYS IN ADVANCE OF CONSTUCTION.		
38	RE-SET CENTERLINE MONUMENTATION PER COUNTY OF RIVERSIDE STD. No. 901		2 EA

WATER CONSTRUCTION NOTES, BY CITY FORCES

1	INSTALL 4" SERVICE - 4" METER PER CWD-620-1, DOMESTIC	1 EA
2	INSTALL 4" SERVICE - 4" METER PER CWD-620-1, LANDSCAPE	2 EA
3	INSTALL (SUPER) PUBLIC FIRE HYDRANT PER CWD-700	2 EA
4	INSTALL 8" FIRE SERVICE CONNECTION PER CWD-615	2 EA
5	ABANDON EXISTING FIRE HYDRANT AND GATE VALVE CAN	2 EA
6	INSTALL FIRE HYDRANT #3560 TO OPPOSITE SIDE OF STREET	1 EA
7	RELOCATE EXISTING FIRE HYDRANT BEHIND NEW CURB PER CWD-700	3 EA
8	RELOCATE EXISTING WATER METER (3/4" AND 1") BEHIND NEW CURB PER CWD-600	16 EA
9	RELOCATE EXISTING WATER METER (2") BEHIND NEW CURB PER CWD-601	2 EA
10	RELOCATE AIR VALVE BEHIND NEW CURB	2 EA
11	ABANDON EXISTING WATER GATE VALVE	2 EA
12	RELOCATE EXISTING 12" GATE VALVE OUTSIDE NEW CURB & GUTTER	1 EA
13	ABANDON 8" AC WATER MAIN ST TEE, REMOVE END CAP WITH BLOW-OFF FOR NEW CURB & GUTTER	

PROFESSIONAL ENGINEER'S NOTICE 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 CONTRACTORS AND SUBCONTRACTORS 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 THE CIVIL ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING 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 FOR ANY DAMAGE OR PROTECTION TO THESE LINES.

ALAN D. FRENCH — No. 45702 — Exp. 12-31-08 — CIVIL — STATE OF CALIFORNIA — REGISTERED PROFESSIONAL ENGINEER

DIGALERT — DIAL BEFORE YOU DIG TOLL FREE — TWO WORKING DAYS BEFORE YOU DIG — A PUBLIC SERVICE BY UNDERGROUND SERVICE ALERT — 1-800-227-2600

COUNTY OF RIVERSIDE
TRANSPORTATION DEPARTMENT
APPROVED BY: Alan French 11-20-08
ALLAN D. FRENCH DATE
NOTE: APPROVED BY THE COUNTY TRANSPORTATION DEPARTMENT IS FOR THE AREA WITHIN COUNTY ROAD RIGHT OF WAY ONLY
RECOMMENDED 11/20/08 DATE

CITY OF RIVERSIDE
PUBLIC UTILITIES DEPARTMENT- ELECTRIC OVERHEAD & UNDERGROUND
APPROVED BY 11/21/08 DATE

CITY OF RIVERSIDE
PUBLIC UTILITIES - WATER DIVISION
APPROVED BY 11/20/08 DATE

REGISTERED PROFESSIONAL ENGINEER — ERICK D. POTTER — No. 65547 — Exp. 6-30-09 — CIVIL — STATE OF CALIFORNIA

EPIC ENGINEERS
CIVIL ENGINEERING LAND SURVEYING
PLANNING CONSTRUCTION MANAGEMENT
101 E. REDLANDS BOULEVARD
SUITE 146 TELE 909 - 792 - 5969
REDLANDS, CA 92373 FAX 909 - 792 - 5999
CITY OF RIVERSIDE BUSINESS LICENSE NO. 0074601 EXP. 9/19/2009

MARK	REVISIONS	APPROVED	DATE	APPROVED	DATE

DESIGNED BY: RAR DRAWN BY: RM CHECKED BY: RAR DESIGN ENG'R CITY ENG'R.

As Built 5/10/23 B.C

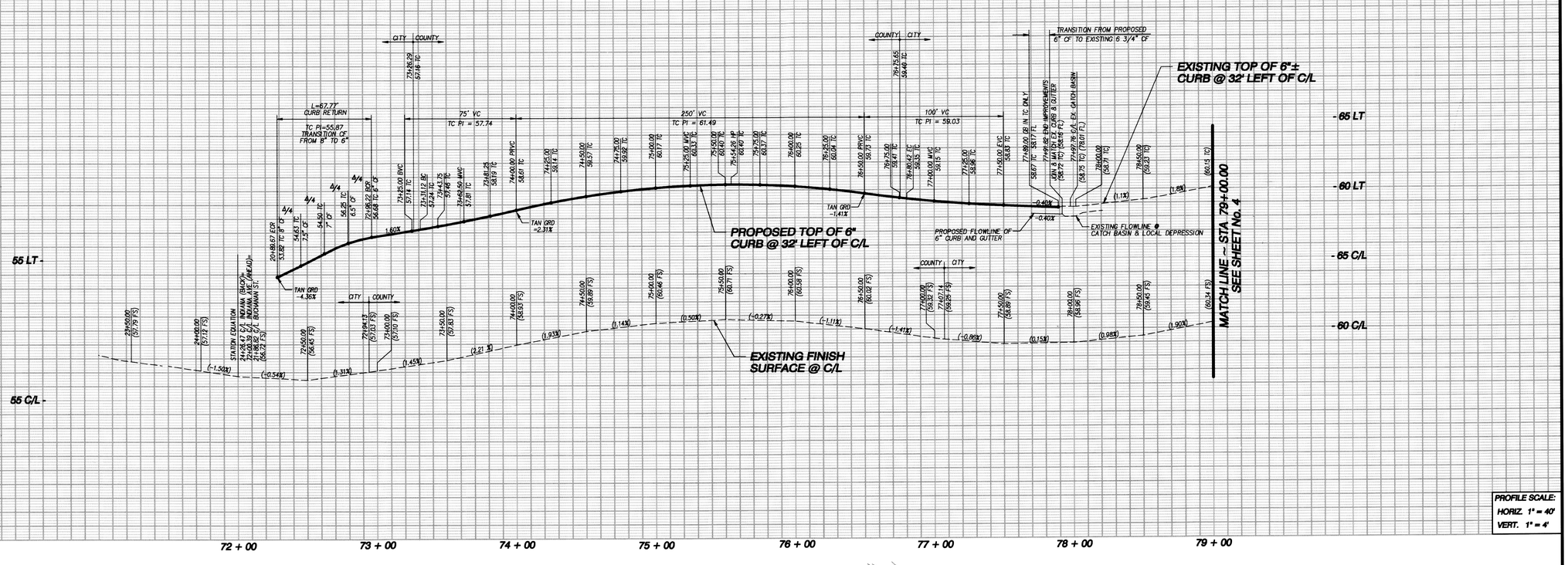
CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

	DATE	BY
APPROVED BY		
PRINCIPAL ENGINEER	12-8-08	
TRAFFIC DIVISION	12-11-08	

APPROVED BY
CITY ENGINEER
DATE 12/16/08

STREET IMPROVEMENT PL

CONTRACTOR IS TO FIELD VERIFY EXISTING ELEVATIONS PRIOR TO CONSTRUCTION



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

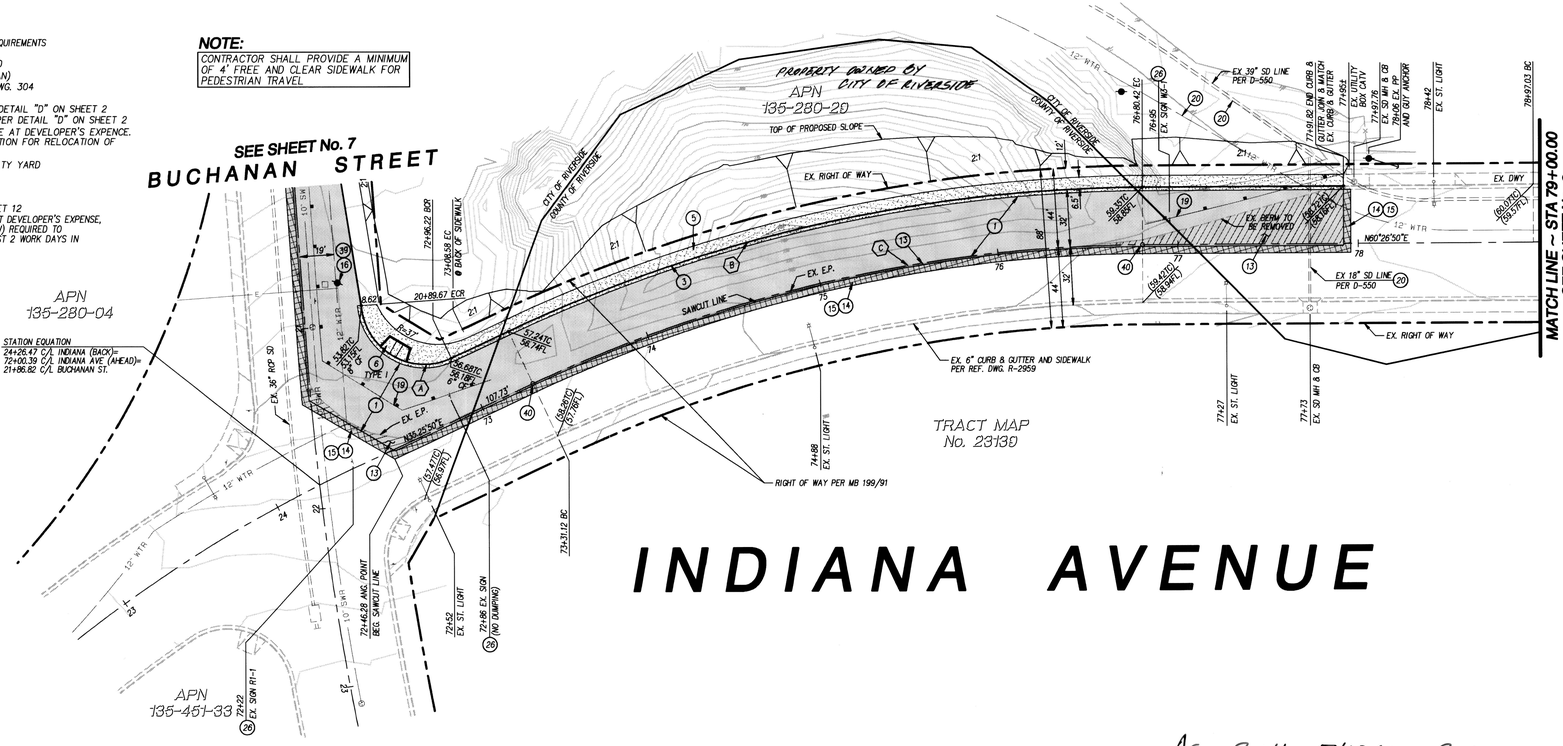
CONSTRUCTION NOTES

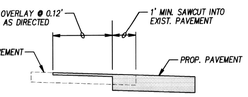
1. CONSTRUCT 5.5" AC PAVING OVER 6" AGGREGATE BASE PER CITY OF RIVERSIDE REQUIREMENTS R-VALUE= 50
3. CONSTRUCT 6" PCC CURB & GUTTER (TYPE I) PER RIV. CITY STD. DWG. 200
5. CONSTRUCT PCC SIDEWALK PER RIV. CITY STD. DWG. 325 (WIDTH PER PLAN)
6. CONSTRUCT WHEELCHAIR RAMP (TYPE I, II, OR II-A) PER RIV. CITY STD. DWG. 304
13. SAWCUT, REMOVE & DISPOSE OF EXIST. AC/AB PAVEMENT
14. COLD PLANE GRIND EXISTING AC PAVEMENT 0.12' MIN. (3' WIDE MIN.) PER DETAIL "D" ON SHEET 2
15. OVERLAY EXIST. PREPARED PAVEMENT WITH 0.12' AC MIN. (3' WIDE MIN.) PER DETAIL "D" ON SHEET 2
16. OVERHEAD POWER FACILITIES SHALL BE RELOCATED BY CITY OF RIVERSIDE AT DEVELOPER'S EXPENCE. CONTACT RIVERSIDE PUBLIC UTILITIES 90 DAYS IN ADVANCE OF CONSTRUCTION FOR RELOCATION OF OVERHEAD POWER FACILITIES.
19. REMOVE & DISPOSE OF EXIST. GUARD RAIL/BARRICADE OR SALVAGE TO CITY YARD AT THE DIRECTION OF CITY INSPECTOR
20. PROTECT IN PLACE
26. RELOCATE EXIST. STREET SIGN PER APPROVED SIGNING & STRIPING PLANS
39. FURNISH AND INSTALL 2" X 4" REDWOOD HEADER PER DETAIL "A" ON SHEET 12
39. DEVELOPER SHALL ADJUST EXISTING ELECTRICAL STRUCTURE TO FINISHED GRADE AT DEVELOPER'S EXPENSE, PER RPU UNDERGROUND STANDARDS. CAUTION: QUALIFIED ELECTRICAL WORKER (QEW) REQUIRED TO PERFORM WORK. COORDINATE WITH RIVERSIDE PUBLIC UTILITIES INSPECTOR AT LEAST 2 WORK DAYS IN ADVANCE OF CONSTUCTION.
40. RE-SET CENTERLINE MONUMENTATION PER COUNTY OF RIVERSIDE STD. No. 901

CURVE DATA

(#)	DELTA	RADIUS	LENGTH	TANGENT
A	110°56'05"	35.00'	67.77'	50.86'
B	25°01'00"	832.00'	363.27'	184.58'
C	25°01'00"	800.00'	349.30'	177.48'

NOTE:
CONTRACTOR SHALL PROVIDE A MINIMUM OF 4' FREE AND CLEAR SIDEWALK FOR PEDESTRIAN TRAVEL





14 15 **DETAIL "D"**
JOINT COLD PLANE GRIND
NOT TO SCALE

LEGEND

- INDICATES AC PAVEMENT
- INDICATES PCC SURFACING
- INDICATES AREA OF REMOVAL
- AREA OF AC COLD PLANE GRIND AND OVERLAY

GRAPHIC SCALE 1"=40'
0 40 80 120

REGISTERED PROFESSIONAL ENGINEER ALAN D FRENCH No. 45702 Exp. 12-31-08 CIVIL STATE OF CALIFORNIA

As Built 5/10/23 13.0

DIGALERT — DIAL BEFORE YOU DIG TOLL FREE — TWO WORKING DAYS BEFORE YOU DIG — A PUBLIC DEVICE BY UNDERGROUND SERVICE ALERT 1-800-227-2600

COUNTY OF RIVERSIDE TRANSPORTATION DEPARTMENT
APPROVED BY: Alan French 11-20-08
ALLAN D. FRENCH — DATE
RECOMMENDED — DATE 11/20/08

CITY OF RIVERSIDE
PUBLIC UTILITIES DEPARTMENT- ELECTRIC OVERHEAD & UNDERGROUND
APPROVED BY — DATE 11/21/08

CITY OF RIVERSIDE
PUBLIC UTILITIES - WATER DIVISION
APPROVED BY — DATE 11/20/08

REGISTERED PROFESSIONAL ENGINEER PATRICK D POTTER No. 53654 Exp. 6-30-09 CIVIL STATE OF CALIFORNIA

EPIC ENGINEERS
CIVIL ENGINEERING PLANNING — LAND SURVEYING CONSTRUCTION MANAGEMENT
101 E. REDLANDS BOULEVARD SUITE 146 REDLANDS, CA 92373
TELE 909 - 792 - 5999 FAX 909 - 792 - 5999
CITY OF RIVERSIDE BUSINESS LICENSE NO. 0074601 EXP. 9/19/2009

MARK	REVISIONS	APPROVED	DATE	APPROVED	DATE
DESIGNED BY: RAR	DRAWN BY: RM	CHECKED BY: RAR		DESIGN ENG'R.	CITY ENG'R.

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

APPROVED BY	DATE	BY
PRINCIPAL ENGINEER	12-16-08	
TRAFFIC DIVISION	12-15-08	

APPROVED BY
CITY ENGINEER
DATE 1/15/16

STREET IMPROVEMENT PLAN
INDIANA AVENUE
STATION 72+00.39 TO STATION 79+00.00

MS 4197	IP 080096
WDID #8 33C342125	PW 07 - 0288

ACCOUNT NO.
CITY DEED # R-4088
SHEET 2 OF 12
EPIC WORK ORDER: 29.32

J:\29.32 AUSD New High School No. 4\AUSD High No. 4.pro/11/17/2008

CONTRACTOR IS TO FIELD VERIFY EXISTING ELEVATIONS PRIOR TO CONSTRUCTION

SEE SHEET No. 2 MATCH LINE ~ STA 79+00.00

MATCH LINE ~ STA 91+00.00 SEE SHEET No. 4

65 C/L

65 RT

55 LT

55 C/L

55 RT

EXISTING FINISH SURFACE @ C/L

PROPOSED FINISH SURFACE OF EP VARIES FROM 8' TO 32' RIGHT OF C/L

PROPOSED FINISH SURFACE OF EP @ 8' RIGHT OF C/L

EXISTING EP TAPER VARIES FROM 32' TO 8' RT OF C/L

PROPOSED TOP OF 8" CURB @ 38' RIGHT OF C/L

PROPOSED TOP OF 8" CURB @ 32' RIGHT OF C/L

EXISTING TOP OF 6" CURB @ 32' LEFT OF C/L

PROPOSED TOP OF 6" CURB @ 32' LEFT OF C/L

PROPOSED FLOWLINE OF CURB & GUTTER

PROPOSED FINISH SURFACE @ C/L

PROPOSED 18" STORM DRAIN LINE

150' VC FS PI = 63.90

100' VC TC PI = 54.60

200' VC TC PI = 52.22

188.73' TRUE LENGTH

79 + 00 | 80 + 00 | 81 + 00 | 82 + 00 | 83 + 00 | 84 + 00 | 85 + 00 | 86 + 00 | 87 + 00 | 88 + 00 | 89 + 00 | 90 + 00 | 91 + 00

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

APN 135-230-05

APN 135-230-08

APN 135-402-00

APN 135-401-18

APN 135-241-18

PALM TERRACE MOBILE VILLAGE DRIVEWAY

SIERRA HILLS MOBILE ESTATES DRIVEWAY

CAPRIOLE ROAD

EX. RIGHT OF WAY

EX. CURB & GUTTER AND SIDEWALK PER REF. DWG. R-3279

EX. 39" SD LINE PER D-550

EX. 6" CURB & GUTTER AND SIDEWALK

EX. WATER LINE

EX. E.P.

EX. RAMP

EX. ST. LIGHT

EX. POWER POLE AND GUY ANCHOR

EX. 48" CMP

EX. FIRE HYDRANT

EX. WATER VALVE

EX. 18" STORM DRAIN PIPE

EX. CURB INLET

EX. CMP INLET

PROPOSED EP TAPER

PROPOSED STORM DRAIN PER DWG. S-2024

PROP. SEWER LINE PER S-2024

PROP. RIGHT OF WAY

EXIST. RIGHT OF WAY

SAWCUT EXISTING CONCRETE CHANNEL

JOIN AND MATCH CHANNEL

EXISTING CONCRETE CHANNEL

CONSTRUCT GUNITE "V" DITCH PER DETAIL "E" ON SHEET 12

PROPOSED HEADWALL PER AUSD HIGH SCHOOL #4 ONSITE PLANS

PROPERTY LINE

TOP OF PROPOSED SLOPE

SAWCUT, REMOVE & DISPOSE OF EXIST. PCC DRIVEWAY

SAWCUT, REMOVE & DISPOSE OF EXIST. AC PAVEMENT RE-GRADE FOR SMOOTH TRANSITION AT TOP & BOTTOM, PLACE 4" AC OVER COMPACTED SUBGRADE

SAWCUT LINE

SAWCUT, REMOVE & DISPOSE OF EXIST. AC PAVEMENT, CURB & GUTTER AND SIDEWALK

42" STORM DRAIN PIPE

TYPE I

TYPE II-A

TYP.

TENTATIVE TRACT MAP No. 34236

LEGEND

- INDICATES AC PAVEMENT
- INDICATES PCC SURFACING
- INDICATES AREA OF REMOVAL
- AREA OF AC COLD PLANE GRIND AND OVERLAY

NOTE: FOR COMPLETE FRONT YARD GRADING DETAIL SEE SHEET No. 10

CURVE DATA

Ⓓ	DELTA	RADIUS	LENGTH	TANGENT
A	33°47'18"	562.00'	331.42'	170.69'
B	33°47'18"	600.00'	353.83'	182.23'
C	19°56'54"	50.00'	17.41'	8.79'

CONSTRUCTION NOTES

1. CONSTRUCT 5.5" AC PAVING OVER 6" AGGREGATE BASE PER CITY OF RIVERSIDE REQUIREMENTS R-VALUE= 50
3. CONSTRUCT 6" PCC CURB & GUTTER (TYPE I) PER RIV. CITY STD. DWG. 200
4. CONSTRUCT 8" PCC CURB & GUTTER (TYPE I) PER RIV. CITY STD. DWG. 200
5. CONSTRUCT PCC SIDEWALK PER RIV. CITY STD. DWG. 325 (WIDTH PER PLAN)
6. CONSTRUCT WHEELCHAIR RAMP (TYPE I, II, OR II-A) PER RIV. CITY STD. DWG. 304
7. CONSTRUCT PCC DRIVEWAY APPROACH (TYPE CURB-) PER RIV. CITY STD. 302
8. CONSTRUCT CATCH BASIN PER RIV. CITY STD. DWG. 405 (W & V AS NOTED PER PLAN)
13. SAWCUT, REMOVE & DISPOSE OF EXISTING AC/AB PAVEMENT
14. COLD PLANE GRIND EXISTING AC PAVEMENT 0.12' MIN. (3' WIDE MIN.) PER DETAIL "D" ON SHEET 2
15. OVERLAY EXISTING PREPARED PAVEMENT WITH 0.12' AC MIN. (3' WIDE MIN.) PER DETAIL "D" ON SHEET 2
17. REMOVE & DISPOSE OF EXISTING CHAIN LINK FENCE
20. PROTECT IN PLACE
21. SAWCUT, REMOVE & DISPOSE OF EXISTING CONCRETE
28. REMOVE & DISPOSE OF EXISTING CMP INLET
29. INSTALL STREET TREE PER SHEET 1 OF 12. MAINTAIN 4' CLEAR ACCESS ON SIDEWALK.
30. RE-SET CENTERLINE MONUMENTATION
31. SAWCUT, REMOVE & DISPOSE OF EXISTING AC BERM
38. FURNISH AND INSTALL 2" X 4" REDWOOD HEADER PER DETAIL "A" ON SHEET 12

NOTE: CONTRACTOR SHALL PROVIDE A MINIMUM OF 4' FREE AND CLEAR SIDEWALK FOR PEDESTRIAN TRAVEL

GRAPHIC SCALE 1"=40'
0 40 80 120

INDIANA AVENUE

PROPOSED AUSD POOL AND TENNIS FACILITY

As Built 5/10/23 B.O

J:\29_32 AUSD New High School No. 4\AUSD High No. 4.pro\11/17/2008

DIGALERT — DIAL BEFORE YOU DIG TOLL FREE — TWO WORKING DAYS BEFORE YOU DIG 1-800-227-2600 — A PUBLIC SERVICE BY UNDERGROUND SERVICE ALERT

CITY OF RIVERSIDE
PUBLIC UTILITIES DEPARTMENT- ELECTRIC OVERHEAD & UNDERGROUND
APPROVED BY — DATE 11/21/08

CITY OF RIVERSIDE
PUBLIC UTILITIES - WATER DIVISION
APPROVED BY — DATE 11/20/08

REGISTERED PROFESSIONAL ENGINEER — PATRICK D POTTER — No. 53562 — Exp. 6-30-09 — CIVIL — STATE OF CALIFORNIA

EPIC ENGINEERS
CIVIL ENGINEERING PLANNING — LAND SURVEYING CONSTRUCTION MANAGEMENT
101 E. REDLANDS BOULEVARD SUITE 146 REDLANDS, CA 92373
TELE 909 - 792 - 5969 FAX 909 - 792 - 8869

CITY OF RIVERSIDE BUSINESS LICENSE NO. 0074601 EXP. 9/19/2009

MARK	REVISIONS	APPROVED	DATE	APPROVED	DATE

DESIGNED BY: RAR DRAWN BY: RM CHECKED BY: RAR — DESIGN ENG'R. — CITY ENG'R.

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

APPROVED BY	DATE	BY
PRINCIPAL ENGINEER	12-16-08	
TRAFFIC DIVISION	12-15-08	

APPROVED BY
CITY ENGINEER
DATE 12/17/08

STREET IMPROVEMENT PLAN

INDIANA AVENUE
STATION 79+00.00 TO STATION 91+00.00

WDID #8 33C342125 | PW 07 - 0288

ACCOUNT NO.
CITY DEED # R-4088

SHEET 3 OF 12

EPIC WORK ORDER: 29.32

CONTRACTOR IS TO FIELD VERIFY EXISTING ELEVATIONS PRIOR TO CONSTRUCTION

PROPOSED TOP OF 6" CURB @ 32' LEFT OF C/L

EXISTING GROUND @ C/L

PROPOSED FINISH SURFACE @ C/L

PROPOSED TOP OF 8" CURB @ 38' RIGHT OF C/L

PROPOSED 24" STORM DRAIN LINE

60 LT -

60 C/L -

60 RT -

- 60 LT

- 60 C/L

- 60 RT

SEE SHEET No. 3 MATCH LINE ~ STA 91+00.00

MATCH LINE ~ STA 101+00.00 SEE SHEET No. 5

91 + 00 | 92 + 00 | 93 + 00 | 94 + 00 | 95 + 00 | 96 + 00 | 97 + 00 | 98 + 00 | 99 + 00 | 100 + 00 | 101 + 00

FOR PROFILES OF DRIVEWAY RETURNS SEE SHEET NO. 9

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

CONSTRUCTION NOTES

1. CONSTRUCT 5.5" AC PAVING OVER 6" AGGREGATE BASE PER CITY OF RIVERSIDE REQUIREMENTS R-VALUE= 50
3. CONSTRUCT 6" PCC CURB & GUTTER (TYPE I) PER RIV. CITY STD. DWG. 200
4. CONSTRUCT 8" PCC CURB & GUTTER (TYPE I) PER RIV. CITY STD. DWG. 200
5. CONSTRUCT PCC SIDEWALK PER RIV. CITY STD. DWG. 325 (WIDTH PER PLAN)
6. CONSTRUCT WHEELCHAIR RAMP (TYPE I, II, OR II-A) PER RIV. CITY STD. DWG. 304
7. CONSTRUCT PCC DRIVEWAY APPROACH (TYPE CURB-I) PER RIV. CITY STD. 302
8. CONSTRUCT CATCH BASIN PER RIV. CITY STD. DWG. 405 (W & V AS NOTED PER PLAN)
10. CONSTRUCT PCC CROSS GUTTER PER RIV. CITY STD. DWG. 220 (W=6')
13. SAWCUT, REMOVE & DISPOSE OF EXISTING AC/AB PAVEMENT
14. COLD PLANE GRIND EXISTING AC PAVEMENT 0.12" MIN. (3' WIDE MIN.) PER DETAIL "D" ON SHEET 2
15. OVERLAY EXISTING PREPARED PAVEMENT WITH 0.12" AC MIN. (3' WIDE MIN.) PER DETAIL "D" ON SHEET 2
16. OVERHEAD POWER FACILITIES SHALL BE RELOCATED BY CITY OF RIVERSIDE AT DEVELOPER'S EXPENSE. CONTACT RIVERSIDE PUBLIC UTILITIES 90 DAYS IN ADVANCE OF CONSTRUCTION FOR RELOCATION OF OVERHEAD POWER FACILITIES.
17. REMOVE & DISPOSE OF EXISTING CHAIN LINK FENCE
18. ADJUST EXISTING TO PROPOSED FINISH GRADE
20. PROTECT IN PLACE
28. RELOCATE EXISTING STREET SIGN PER APPROVED SIGNING & STRIPING PLANS
29. INSTALL STREET TREE PER SHEET 1 OF 12. MAINTAIN 4' CLEAR ACCESS ON SIDEWALK.
30. RE-SET CENTERLINE MONUMENTATION
31. SAWCUT, REMOVE & DISPOSE OF EXISTING AC BERM
33. RELOCATE EXISTING FENCE 6" BEHIND PROPOSED RIGHT OF WAY
39. DEVELOPER SHALL ADJUST EXISTING ELECTRICAL STRUCTURE TO FINISHED GRADE AT DEVELOPER'S EXPENSE. PER RPU UNDERGROUND STANDARDS. CAUTION: QUALIFIED ELECTRICAL WORKER (QEW) REQUIRED TO PERFORM WORK. COORDINATE WITH RIVERSIDE PUBLIC UTILITIES INSPECTOR AT LEAST 2 WORK DAYS IN ADVANCE OF CONSTRUCTION.

WATER CONSTRUCTION NOTES, BY CITY FORCES

1. INSTALL 4" DUCTILE IRON WATER SERVICE PER CWD-620-1 (DOMESTIC)
2. INSTALL 4" DUCTILE IRON WATER SERVICE PER CWD-620-1
3. INSTALL (SUPER) PUBLIC FIRE HYDRANT PER CWD-700
4. INSTALL 8" FIRE SERVICE PER CWD-615
5. ABANDON EXISTING FIRE HYDRANT AND GATE VALVE CAN
7. RELOCATE EXISTING FIRE HYDRANT BEHIND NEW CURB PER CWD-700
8. RELOCATE EXISTING WATER METER (3/4" AND 1") BEHIND NEW CURB PER CWD-600
9. RELOCATE EXISTING WATER METER (2") BEHIND NEW CURB PER CWD-601
10. RELOCATE AIR VALVE BEHIND NEW CURB
11. ABANDON EXISTING WATER GATE VALVE

NOTE:
FOR COMPLETE FRONT YARD GRADING DETAILS SEE SHEET No. 10

NOTE:
CONTRACTOR SHALL PROVIDE A MINIMUM OF 4' FREE AND CLEAR SIDEWALK FOR PEDESTRIAN TRAVEL

SEE SHEET No. 8 PIERCE STREET

PROPOSED AUSD POOL AND TENNIS FACILITY

PROPOSED AUSD HIGH SCHOOL No. 4

INDIANA AVENUE

LEGEND

- INDICATES AC PAVEMENT
- INDICATES PCC SURFACING
- INDICATES AREA OF REMOVAL
- AREA OF AC COLD PLANE GRIND AND OVERLAY

CURVE DATA

(#)	DELTA	RADIUS	LENGTH	TANGENT
A	11°00'11"	1238.00'	237.74'	119.24'
B	90°00'00"	35.00'	54.98'	35.00'
C	95°59'26"	35.00'	58.64'	38.86'
D	10°16'39"	562.00'	100.81'	50.54'
E	19°24'58"	1200.00'	406.65'	205.29'
F	16°16'05"	600.00'	170.36'	85.76'
G	19°24'58"	1168.00'	395.81'	199.82'
H	90°01'51"	35.00'	55.00'	35.02'
I	56°22'46"	49.50'	48.71'	26.53'

GRAPHIC SCALE 1"=40'
0 40 80 120

AS Built 5/10/23 B.O

WDID #8 33C342125 | PW 07 - 0288

DIGALERT — DIAL BEFORE YOU DIG TOLL FREE 1-800-227-2600 — TWO WORKING DAYS BEFORE YOU DIG — A PUBLIC SERVICE BY UNDERGROUND SERVICE ALERT

CITY OF RIVERSIDE
PUBLIC UTILITIES DEPARTMENT- ELECTRIC OVERHEAD & UNDERGROUND
APPROVED BY — DATE 11/21/08

CITY OF RIVERSIDE
PUBLIC UTILITIES - WATER DIVISION
APPROVED BY — DATE 11/20/08

REGISTERED PROFESSIONAL ENGINEER — PATRICK D POTTER — No. 53884 EXP. 6-30-09 — CIVIL — STATE OF CALIFORNIA

EPIC ENGINEERS
CIVIL ENGINEERING — LAND SURVEYING
PLANNING — CONSTRUCTION MANAGEMENT
101 E. REDLANDS BOULEVARD, SUITE 146, REDLANDS, CA 92373
TELE 909 - 792 - 5969
FAX 909 - 792 - 5999

CITY OF RIVERSIDE BUSINESS LICENSE NO. 0074601 EXP. 9/19/2009

MARK	REVISIONS	APPROVED	DATE	APPROVED	DATE
1	Revised Driveway Lengths	EK	5/11/23		

DESIGNED BY: RAR DRAWN BY: RM CHECKED BY: RAR — DESIGN ENG'R. — CITY ENG'R.

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

APPROVED BY	DATE	BY	APPROVED BY
PRINCIPAL ENGINEER	12-16-08	RAR	
TRAFFIC DIVISION	12-15-08	CH	CITY ENGINEER
			DATE 12/19/08

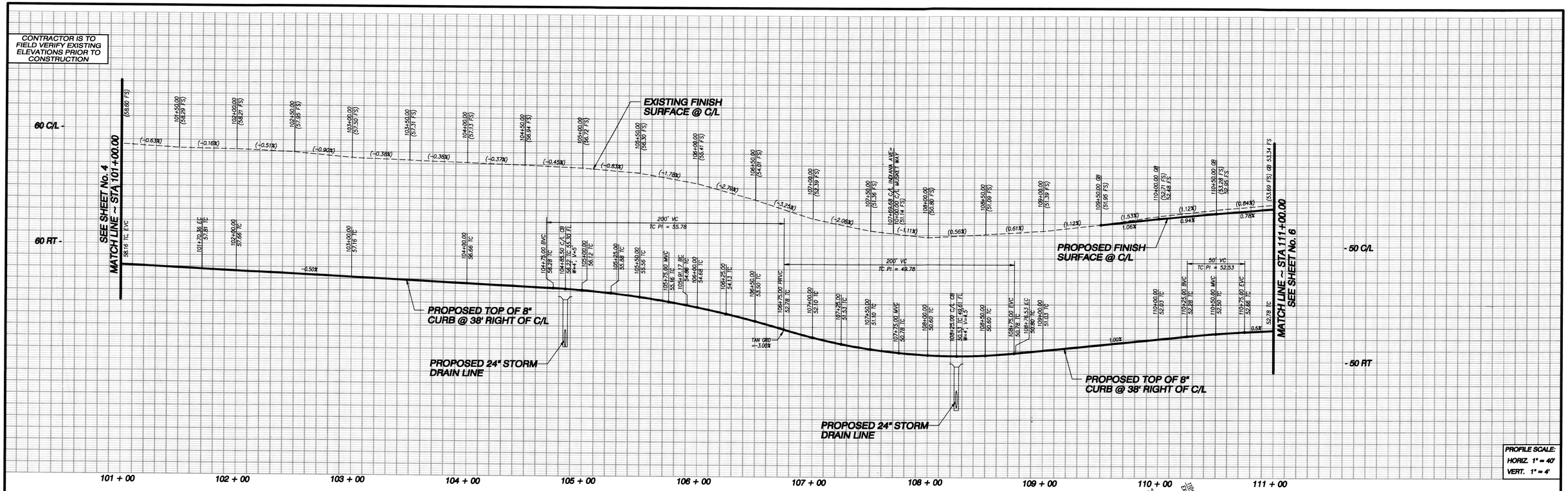
STREET IMPROVEMENT PLAN

INDIANA AVENUE
STATION 91+00.00 TO STATION 101+00.00

ACCOUNT NO.
CITY DEED #
R-4088
SHEET 4 OF 12
EPIC WORK ORDER: 29.32

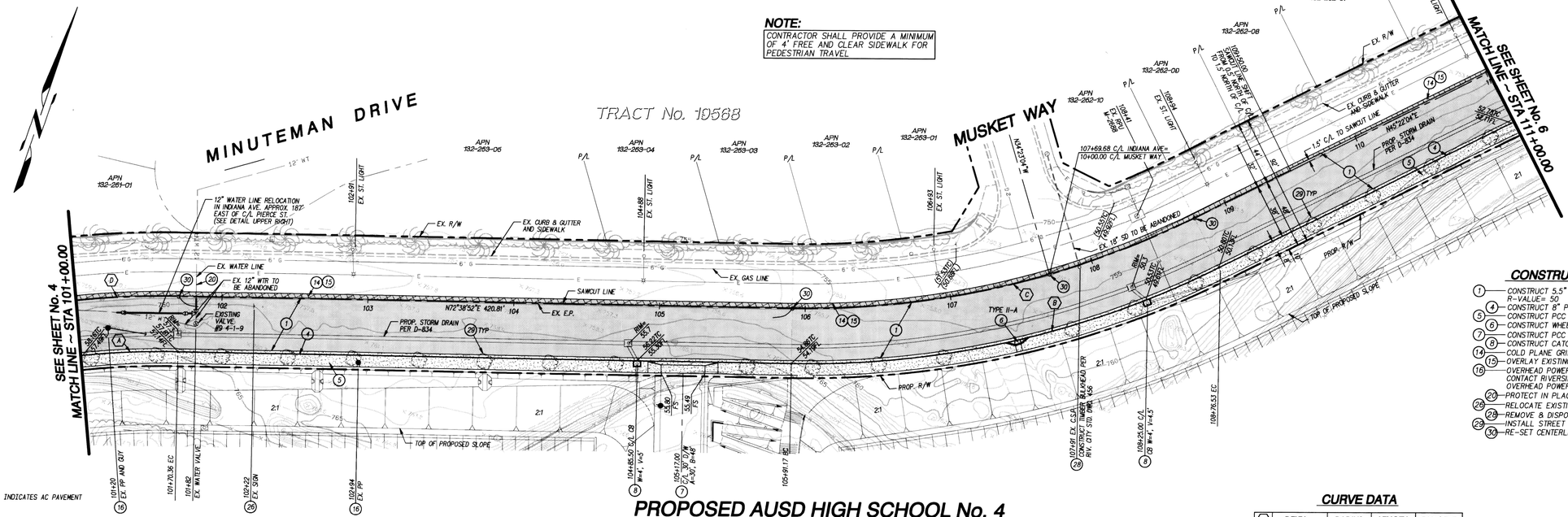
J:\29.32 AUSD New High School No. 4\AUSD High No. 4.pro/11/17/2008

CONTRACTOR IS TO FIELD VERIFY EXISTING ELEVATIONS PRIOR TO CONSTRUCTION



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

NOTE:
CONTRACTOR SHALL PROVIDE A MINIMUM OF 4' FREE AND CLEAR SIDEWALK FOR PEDESTRIAN TRAVEL



WATER LINE RELOCATION DETAIL

NOT TO SCALE

CONSTRUCTION NOTES

1. CONSTRUCT 5.5" AC PAVING OVER 6" AGGREGATE BASE PER CITY OF RIVERSIDE REQUIREMENTS R-VALUE= 50
4. CONSTRUCT 8" PCC CURB & GUTTER (TYPE I) PER RIV. CITY STD. DWG. 200
5. CONSTRUCT PCC SIDEWALK PER RIV. CITY STD. DWG. 325 (WIDTH PER PLAN)
6. CONSTRUCT WHEELCHAIR RAMP (TYPE I, II, OR II-A) PER RIV. CITY STD. DWG. 304
7. CONSTRUCT PCC DRIVEWAY APPROACH (TYPE CURB-I) PER RIV. CITY STD. 302
8. CONSTRUCT CATCH BASIN PER RIV. CITY STD. DWG. 405 (W & V AS NOTED PER PLAN)
14. COLD PLANE GRIND EXISTING AC PAVEMENT 0.12' MIN. (3' WIDE MIN.) PER DETAIL "D" ON SHEET 2
15. OVERLAY EXISTING PREPARED PAVEMENT WITH 0.12' AC MIN. (3' WIDE MIN.) PER DETAIL "D" ON SHEET 2
16. OVERHEAD POWER FACILITIES SHALL BE RELOCATED BY CITY OF RIVERSIDE AT DEVELOPER'S EXPENCE. CONTACT RIVERSIDE PUBLIC UTILITIES 90 DAYS IN ADVANCE OF CONSTRUCTION FOR RELOCATION OF OVERHEAD POWER FACILITIES.
20. PROTECT IN PLACE
26. RELOCATE EXISTING STREET SIGN PER APPROVED SIGNING & STRIPING PLANS
28. REMOVE & DISPOSE OF EXISTING CMP INLET
29. INSTALL STREET TREE PER SHEET 1 OF 12. MAINTAIN 4' CLEAR ACCESS ON SIDEWALK.
30. RE-SET CENTERLINE MONUMENTATION

CURVE DATA

(#)	DELTA	RADIUS	LENGTH	TANGENT
A	10°16'39"	562.00'	100.81'	50.54'
B	27°16'48"	637.33'	303.45'	154.66'
C	27°16'48"	599.33'	285.36'	145.44'
D	16°16'05"	600.00'	170.36'	85.76'

LEGEND

- INDICATES AC PAVEMENT
- INDICATES PCC SURFACING
- INDICATES AREA OF REMOVAL
- AREA OF AC COLD PLANE GRIND AND OVERLAY

GRAPHIC SCALE 1"=40'
0 40 80 120

PROPOSED AUSD HIGH SCHOOL No. 4

INDIANA AVENUE

DIGALERT — DIAL BEFORE YOU DIG — TWO WORKING DAYS BEFORE YOU DIG — TOLL FREE 1-800-227-2600 — A PUBLIC SERVICE BY UNDERGROUND SERVICE ALERT

CITY OF RIVERSIDE
PUBLIC UTILITIES DEPARTMENT- ELECTRIC OVERHEAD & UNDERGROUND
APPROVED BY — DATE 11/21/08

CITY OF RIVERSIDE
PUBLIC UTILITIES - WATER DIVISION
APPROVED BY — DATE 11/20/08

REGISTERED PROFESSIONAL ENGINEER — PATRICK D POTTER — No. 53564 Exp. 6-30-09 — CIVIL — STATE OF CALIFORNIA

EPIC ENGINEERS
CIVIL ENGINEERING PLANNING LAND SURVEYING CONSTRUCTION MANAGEMENT
101 E. REDLANDS BOULEVARD SUITE 146 REDLANDS, CA 92373
TELE 909 - 792 - 5969 FAX 909 - 792 - 9869

CITY OF RIVERSIDE BUSINESS LICENSE NO. 0074601 EXP. 9/19/2009

MARK	REVISIONS	APPROVED	DATE	APPROVED	DATE
DESIGNED BY: RAR	DRAWN BY: RM	CHECKED BY: RAR	DESIGN ENG'R.		CITY ENG'R.

AS 13:14 5/10/23 B-0

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

APPROVED BY	DATE	BY
PRINCIPAL ENGINEER	12/16/08	
TRAFFIC DIVISION	12-15-08	

APPROVED BY
CITY ENGINEER
DATE 12/17/08

STREET IMPROVEMENT PLAN

INDIANA AVENUE
STATION 101+00.00 TO STATION 111+00.00

WDID #8 33C342125 | PW 07 - 0288

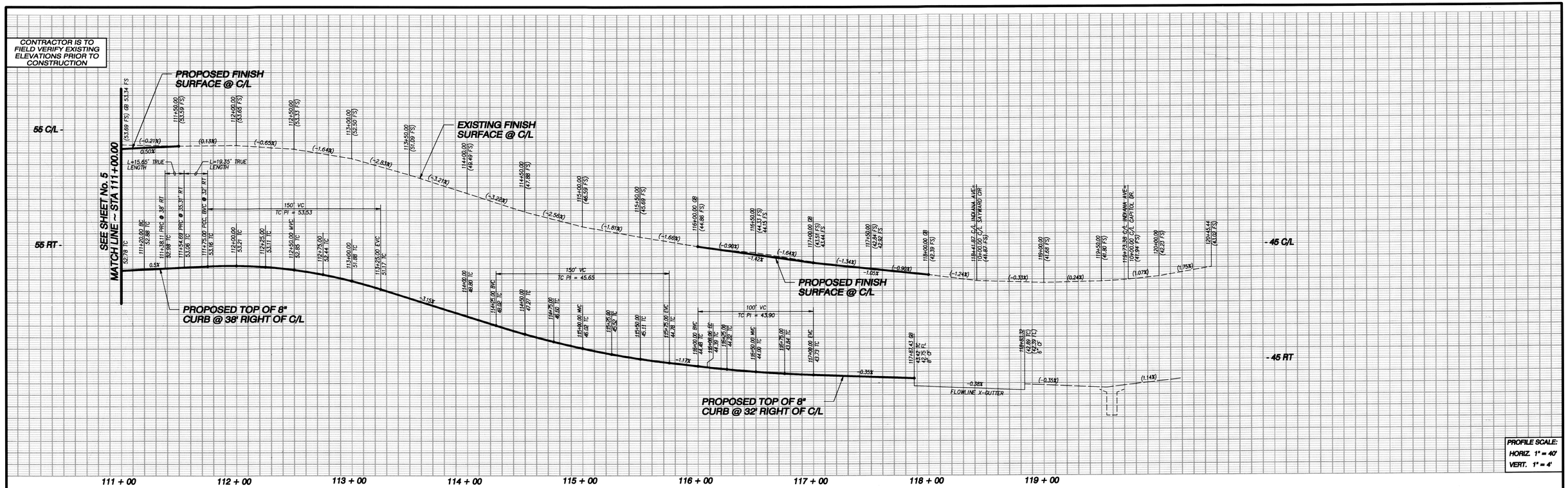
ACCOUNT NO.
CITY DEED # R-4088

SHEET 5 OF 12

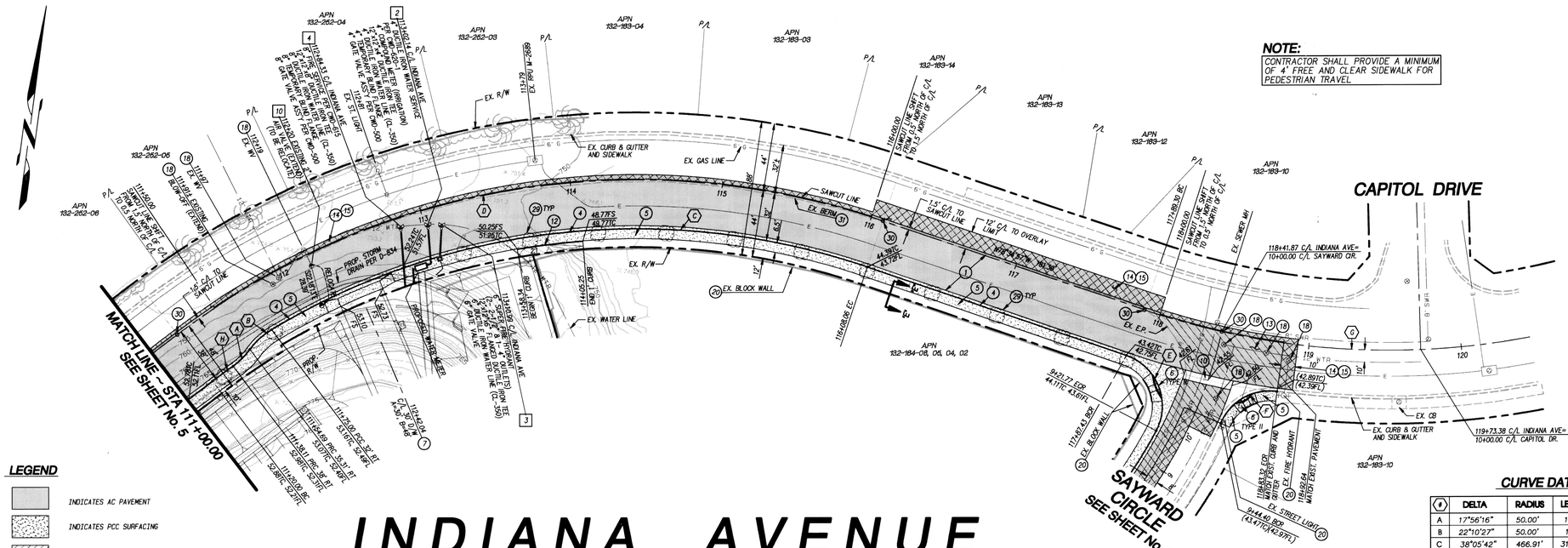
EPIC WORK ORDER: 29.32

J:\29.32 AUSD New High School No. 4\AUSD High No. 4.pro/11/17/2008

CONTRACTOR IS TO FIELD VERIFY EXISTING ELEVATIONS PRIOR TO CONSTRUCTION



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



NOTE:
CONTRACTOR SHALL PROVIDE A MINIMUM OF 4' FREE AND CLEAR SIDEWALK FOR PEDESTRIAN TRAVEL.

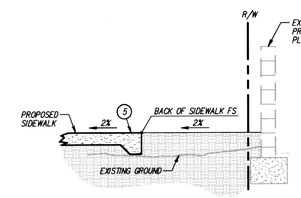
CONSTRUCTION NOTES

1. CONSTRUCT 5.5" AC PAVING OVER 6" AGGREGATE BASE PER CITY OF RIVERSIDE REQUIREMENTS R-VALUE= 50
4. CONSTRUCT 8" PCC CURB & GUTTER (TYPE I) PER RIV. CITY STD. DWG. 200
5. CONSTRUCT PCC SIDEWALK PER RIV. CITY STD. DWG. 325 (WIDTH PER PLAN)
6. CONSTRUCT WHEELCHAIR RAMP (TYPE I, II, OR II-A) PER RIV. CITY STD. DWG. 304
7. CONSTRUCT PCC DRIVEWAY APPROACH (TYPE CURB-I) PER RIV. CITY. STD. 302
10. CONSTRUCT PCC CROSS GUTTER PER RIV. CITY STD. DWG. 220 (W= 10)
12. CONSTRUCT PCC RETAINING CURB PER DETAIL "C" ON SHEET 12
13. SAWCUT, REMOVE & DISPOSE OF EXIST. AC/AB PAVEMENT.
14. COLD PLANE GRIND EXISTING AC PAVEMENT 0.12' MIN. (3' WIDE MIN.) PER DETAIL "D" ON SHEET 2
15. OVERLAY EXISTING PREPARED PAVEMENT WITH 0.12' AC MIN. (3' WIDE MIN.) PER DETAIL "D" ON SHEET 2
18. ADJUST EXISTING TO PROPOSED FINISH GRADE
20. PROTECT IN PLACE
29. INSTALL STREET TREE PER SHEET 1 OF 12. MAINTAIN 4' CLEAR ACCESS ON SIDEWALK.
30. RE-SET CENTERLINE MONUMENTATION
31. SAWCUT, REMOVE & DISPOSE OF EXISTING AC BERM

WATER CONSTRUCTION NOTES, BY CITY FORCES

2. INSTALL 4" SERVICE – 4" METER PER CWD-620-1, LANDSCAPE
3. INSTALL (SUPER) PUBLIC FIRE HYDRANT PER CWD-700
4. INSTALL 8" FIRE SERVICE CONNECTION PER CWD-615
10. RELOCATE AIR VALVE BEHIND NEW CURB

SECTION "E-E"



CURVE DATA

#	DELTA	RADIUS	LENGTH	TANGENT
A	17°56'16"	50.00'	15.65'	7.89'
B	22°10'27"	50.00'	19.35'	9.80'
C	38°05'42"	466.91'	310.44'	161.20'
D	56°03'00"	498.91'	488.06'	265.55'
E	98°56'00"	35.00'	60.43'	40.93'
F	74°37'24"	35.00'	45.58'	26.67'
G	21°05'11"	500.00'	184.01'	93.06'
H	2°04'46"	460.91'	16.73'	8.36'

GRAPHIC SCALE 1"=40'
0 40 80 120

LEGEND

- INDICATES AC PAVEMENT
- INDICATES PCC SURFACING
- INDICATES AREA OF REMOVAL
- INDICATES AREA OF A/C COLD PLANE & OVERLAY

As Built 5/10/23 13.0

DIGALERT — DIAL BEFORE YOU DIG TOLL FREE 1-800-227-2600 — TWO WORKING DAYS BEFORE YOU DIG — A PUBLIC SERVICE BY UNDERGROUND SERVICE ALERT

CITY OF RIVERSIDE
PUBLIC UTILITIES DEPARTMENT- ELECTRIC OVERHEAD/UNDERGROUND
APPROVED BY _____ DATE 11/21/08

CITY OF RIVERSIDE
PUBLIC UTILITIES - WATER DIVISION
APPROVED BY MW McNeil DATE 11/20/08

REGISTERED PROFESSIONAL ENGINEER — RICK D. POTTER — No. 53554 EXP. 6-30-09 — CIVIL — STATE OF CALIFORNIA

EPIC ENGINEERS
CIVIL ENGINEERING PLANNING LAND SURVEYING CONSTRUCTION MANAGEMENT
101 E. REDLANDS BOULEVARD SUITE 146 REDLANDS, CA 92373
TELE 909 - 792 - 5969 FAX 909 - 792 - 8869
CITY OF RIVERSIDE BUSINESS LICENSE NO. 0074601 EXP. 9/19/2009

MARK	REVISIONS	APPROVED	DATE	APPROVED	DATE

DESIGNED BY: RAR DRAWN BY: RM CHECKED BY: RAR — DESIGN ENG'R. — CITY ENG'R.

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

APPROVED BY	DATE	BY
PRINCIPAL ENGINEER	12-16-08	
TRAFFIC DIVISION	12-15-08	

APPROVED BY _____ CITY ENGINEER
DATE 12/18/08

STREET IMPROVEMENT PLAN

INDIANA AVENUE
STATION 111+00.00 TO STATION 117+95.85

WDID #8 33C342125 PW 07 - 0288

ACCOUNT NO.
CITY DEED # R-4088

SHEET 6 OF 12

EPIC WORK ORDER: 29.32

J:\29_32 AUSD New High School No. 4\AUSD High No. 4.pro/11/17/2008

CONTRACTOR IS TO FIELD VERIFY EXISTING ELEVATIONS PRIOR TO CONSTRUCTION

250.27' TRUE LENGTH (ON BERM)
100' VC TRUE LENGTH
TB PI= 43.05
50.27' TRUE LENGTH
100' VC TRUE LENGTH
TB PI= 51.75
5' TRANSITION FROM 6" TO 8" BERM

PROPOSED TOP OF 6" BERM VARIES FROM 10'± TO 32' LT OF C/L

EXISTING TOP OF 3" BERM 10'± LT OF C/L

EXISTING FINISH SURFACE @ C/L

TAN GRD =3.14%
TAN GRD =3.80%

18+40.36 BVC, JOIN AND MATCH EXIST. BERM @ 10'± LT OF C/L (41.20TB / 40.98 TP)
EVC 43.34 TB
MVC 43.38 TB
44.58 TB
43.35 TB
BVC 48.86 TB
50.24 TB
51.50 TB
52.64 TB
53.46 TB
20+86.67 EVC @ 32' LT
53.32 TC/TB 53.15 FL

NOTE:
FOR CURB RETURN PROFILE SEE SHEET NO. 2

21+86.82 C/L BUCHANAN= 24+26.47 C/L INDIANA AVE (BACK) 72+00.39 C/L INDIANA AVE (AHEAD)

18+00.00 (39.68 FS)
18+50.00 (41.44 FS)
19+00.00 (43.87 FS)
19+50.00 (46.68 FS)
20+00.00 (49.69 FS)
20+50.00 (52.15 FS)
21+00.00 (54.19 FS)
21+50.00 (56.70 FS)

(3.54%) (6.46%) (6.02%) (6.02%) (4.92%) (3.96%) (3.14%) (2.7%)

45 LT - 45 C/L - -55 LT -55 C/L

18 + 00 19 + 00 20 + 00 21 + 00 22 + 00

11+98.80 C/L PIERCE ST= 10+00.00 C/L TAYLOR ST

EXISTING FINISH SURFACE @ C/L

EXISTING FINISH SURFACE @ SAWCUT LINE 6' RT OF C/L

MATCH LINE ~ STA 16+00.00 SEE SHEET No. 8

12+00.00 (8.68 FS)
13+00.00 (11.87 FS)
13+50.00 (13.08 FS)
14+00.00 (14.44 FS)
14+50.00 (15.79 FS)
15+00.00 (17.27 FS)
15+50.00 (19.07 FS)
16+00.00 (20.84 FS)

(1.64%) (2.2%) (2.19%) (2.41%) (2.74%) (2.94%) (3.57%) (3.68%)
(2.74%) (2.68%) (2.74%) (2.42%) (2.96%) (3.05%) (3.60%) (3.62%)

15 C/L - 15 SC - 15 RT - -20 C/L -20 SC -20 RT

250' VC PI = 14.23
TC PI = 15.58'L
16.31' TC, 15.58'L
MVC, 14.45

PROPOSED 24" STORM DRAIN LINE

PROPOSED TOP OF 6" CURB @ 32' RIGHT OF C/L

EXISTING TOP OF 6" CURB @ 32' RIGHT OF C/L

12+86.74 REC. INF. CURB, GUTTER AND 6' PITCH @ 8%
11.33 TC
13+00.00 BVC 11.69 TC
13+25.00 12.15 TC
13+50.00 12.79 TC
13+75.00 13.43 TC
14+00.00 14.00 TC
14+25.00 MVC 14.68 TC
14+50.00 15.41 TC
14+79.77 C/L PG 16.31 TC, 15.58'L MVC, 14.45
15+00.00 15.86 TC
15+25.00 17.79 TC
15+50.00 EVC 18.66 TC
2%
(2.13%)

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

12 + 00 13 + 00 14 + 00 15 + 00 16 + 00

NOTE:
CONTRACTOR SHALL PROVIDE A MINIMUM OF 4' FREE AND CLEAR SIDEWALK FOR PEDESTRIAN TRAVEL

SEE SHEET No. 2
INDIANA AVENUE

18+40.36 BEG. AC BERM TAPER JOIN & MATCH EXIST BERM 10'± LT OF C/L

EX. 3" BERM

EX. 39" SD LINE
EX. WATER LINE
EX. SEWER LINE
EX. 36" SD LINE
EX. CURB & GUTTER AND SIDEWALK
EX. EP
EX. 33" SD LINE
EX. 15" SD LINE
EX. 30" GAS LINE
EX. GAS LINE
SAWCUT LINE
R/W
N38°39'21"W 250.27
N33°39'05"W
41.48TB (41.20TB / 40.98TP)
53.82TC/TB 53.15FL
20+76 EX. UTIL. BOX TO BE RELOCATED BEHIND SIDEWALK BY OWNING UTILITY PURVEYOR
20+76 EX. PP & GUY ANCHOR
20+85 EX. SIGN
20+89 EX. TOP OF 6" @ 32'
72+96.22 BCR
R=35'
21+00 EX. MH
21+86.82 C/L BUCHANAN ST= STATION EQUATION 24+26.47 C/L INDIANA AVE (BACK) 72+00.39 C/L INDIANA AVE (AHEAD)
24+38.73 SAWCUT ANGLE POINT
TYPE II
TYP

19+42 EX. SD MANHOLE
19+61 EX. WATER VALVE
19+74 EX. WATER VALVE
19+79 EXISTING FIRE HYDRANT #1214 AND WATER VALVE

BUCHANAN STREET

APN 132-173-01
APN 132-173-48
APN 132-173-46
APN 132-173-44
APN 132-173-43
APN 132-173-42
APN 136-230-08

11+98.80 C/L PIERCE ST= 10+00.00 C/L TAYLOR ST

EX. R/W
EX. CURB & GUTTER
EX. WATER LINE
EX. SEWER LINE
EX. GAS LINE
SAWCUT LINE
EX. EP
EX. 33" SD LINE
EX. 15" SD LINE
EX. 39" SD LINE
EX. 30" GAS LINE
N33°39'05"W
TYP
EX. WOOD FENCE REMOVE AND DISPOSE
EX. PALMS & TREES
EX. PALMS, MISC TREES & BRUSH
EXISTING ALVORD CONTINUATION HIGH SCHOOL

10+25 EX. SD MANHOLE
11+17 EX. SD MANHOLE
12+46 EX. TEL. PED.
12+49 EX. PP/ST. LIGHT
12+55 EX. WATER METER
12+75 EX. ASSEMBLY C 54-3, RE-1, 54-2
12+86.74 REC. INF. CURB, GUTTER AND 6' PITCH @ 8%
12+96 EX. TEL MANHOLE
14+09.10 CURB DATA A=25°, R=43
14+27 EX. WATER METER (3/4")
14+52 EX. MAILBOX
14+55 EX. PP/ST. LIGHT
14+77.77 C/L PG
MVC, 14.45
15+00 EX. MAILBOX
15+25 EX. MAILBOX
15+50 EX. MAILBOX
MVC, 14.45

MATCH LINE ~ STA 16+00.00 SEE SHEET No. 8

TAYLOR STREET

NOTE:
FOR COMPLETE FRONT YARD GRADING DETAILS SEE SHEET No. 11

PIERCE STREET

LEGEND

- INDICATES AC PAVEMENT
- INDICATES PCC SURFACING
- INDICATES AREA OF REMOVAL
- INDICATES AREA OF A/C COLD PLANE & OVERLAY

CURVE DATA

(#)	DELTA	RADIUS	LENGTH	TANGENT
A	110°56'05"	35.00'	67.77'	50.86'

CONSTRUCTION NOTES

1. CONSTRUCT 5.5" AC PAVING OVER 6" AGGREGATE BASE PER CITY OF RIVERSIDE REQUIREMENTS R-VALUE= 50
3. CONSTRUCT 6" PCC CURB & GUTTER (TYPE I) PER RIV. CITY STD. DWG. 200
5. CONSTRUCT PCC SIDEWALK PER RIV. CITY STD. DWG. 325 (WIDTH PER PLAN)
6. CONSTRUCT WHEELCHAIR RAMP (TYPE I, II, OR II-A) PER RIV. CITY STD. DWG. 304
7. CONSTRUCT PCC DRIVEWAY APPROACH (TYPE CURB-I) PER RIV. CITY STD. 302
8. CONSTRUCT CATCH BASIN PER RIV. CITY STD. DWG. 405 (W & V AS NOTED PER PLAN)
9. CONSTRUCT 6" AC BERM (TYPE I) PER RIV. CITY STD. DWG. 250
13. SAWCUT, REMOVE & DISPOSE OF EXISTING AC/AB PAVEMENT
14. COLD PLANE GRIND EXISTING AC PAVEMENT 0.12" MIN. (3" WIDE MIN.) PER DETAIL "D" ON SHEET 2
15. OVERLAY EXISTING PREPARED PAVEMENT WITH 0.12" AC MIN. (3" WIDE MIN.) PER DETAIL "D" ON SHEET 2
16. OVERHEAD POWER FACILITIES SHALL BE RELOCATED BY CITY OF RIVERSIDE AT DEVELOPER'S EXPENCE. CONTACT RIVERSIDE PUBLIC UTILITIES 90 DAYS IN ADVANCE OF CONSTRUCTION FOR RELOCATION OF OVERHEAD POWER FACILITIES.
18. ADJUST EXISTING TO PROPOSED FINISH GRADE
19. REMOVE & DISPOSE OF EXISTING GUARD RAIL/BARRICADE OR SALVAGE TO CITY YARD AT THE DIRECTION OF CITY INSPECTOR
20. PROTECT IN PLACE
23. RELOCATE EXISTING MAILBOX TO POSTMASTER APPROVED LOCATION
26. RELOCATE EXIST. STREET SIGN PER APPROVED SIGNING & STRIPING PLANS
29. INSTALL STREET TREE PER SHEET 1 OF 12. MAINTAIN 4' CLEAR ACCESS ON SIDEWALK.
32. REMOVE & DISPOSE OF EXISTING TREE OR SALVAGE TO OWNER
33. RELOCATE EXISTING TELEPHONE MANHOLE BEHIND PROPOSED SIDEWALK BY OWNING UTILITY PURVEYOR
35. REMOVE & SALVAGE EXIST. WHEEL STOPS TO AUSD IF REQUESTED, OTHERWISE DISPOSE

WATER CONSTRUCTION NOTES, BY CITY FORCES

8. RELOCATE EXISTING WATER METER (3/4" AND 1") BEHIND NEW CURB PER CWD-600

GRAPHIC SCALE 1"=40'
0 40 80 120

As Built 5/10/23 B.O

DIGALERT — DIAL BEFORE YOU DIG — TWO WORKING DAYS BEFORE YOU DIG — TOLL FREE 1-800-227-2600 — A PUBLIC SERVICE BY UNDERGROUND SERVICE ALERT

CITY OF RIVERSIDE
PUBLIC UTILITIES DEPARTMENT- ELECTRIC OVERHEAD & UNDERGROUND
APPROVED BY — DATE 11/21/08

CITY OF RIVERSIDE
PUBLIC UTILITIES - WATER DIVISION
APPROVED BY — DATE 11/20/08

REGISTERED PROFESSIONAL ENGINEER — DERRICK D POTTER — No. 58664 — EXP. 6-30-09 — CIVIL — STATE OF CALIFORNIA

EPIC ENGINEERS
CIVIL ENGINEERING PLANNING — LAND SURVEYING CONSTRUCTION MANAGEMENT
101 E. REDLANDS BOULEVARD SUITE 146 REDLANDS, CA 92373
TELE 909 - 792 - 5959 FAX 909 - 792 - 5959
CITY OF RIVERSIDE BUSINESS LICENSE NO. 0074601 EXP. 9/19/2009

MARK	REVISIONS	APPROVED	DATE	APPROVED	DATE
DESIGNED BY: RAR	DRAWN BY: RM	CHECKED BY: RAR		DESIGN ENG'R.	CITY ENG'R.

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

APPROVED BY	DATE	BY
PRINCIPAL ENGINEER	12-16-08	
TRAFFIC DIVISION	12-15-08	

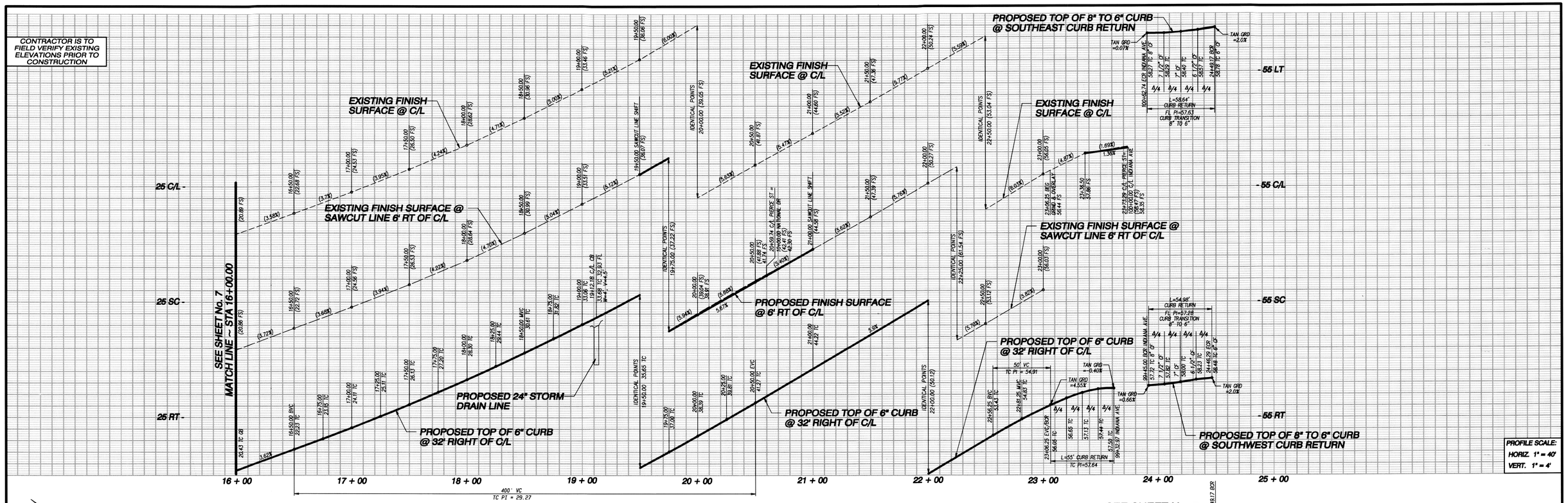
APPROVED BY
CITY ENGINEER
DATE 12/18/08

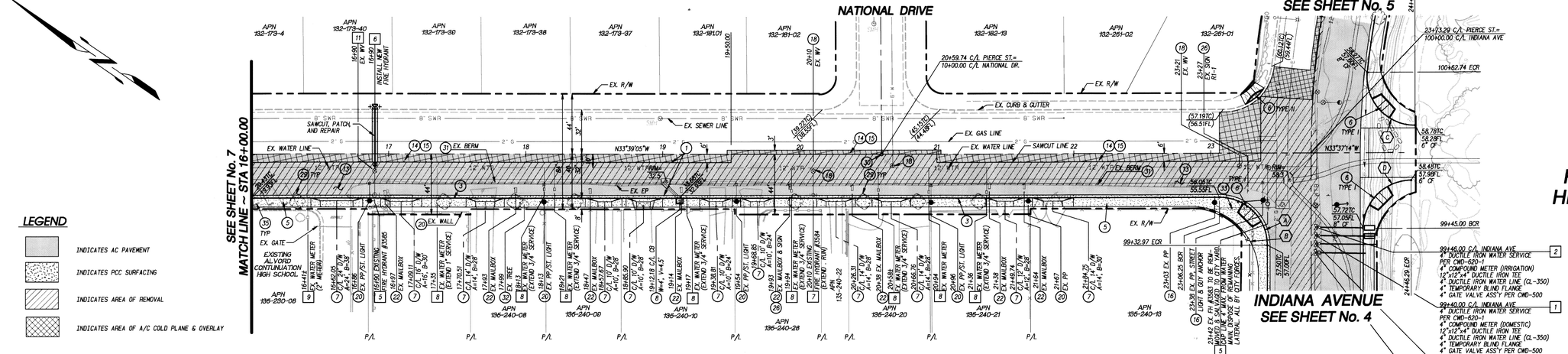
STREET IMPROVEMENT PLAN
BUCHANAN STREET
STATION 18+40.36 TO STATION 20+86.82
PIERCE STREET
STATION 12+86.74 TO STATION 16+00.00

WDID #8 33C342125 | PW 07 - 0288
ACCOUNT NO.
CITY DEED # R-4088
SHEET 7 OF 12
EPIC WORK ORDER: 29.32

J:\29.32 AUSD New High School No. 4\AUSD High No. 4.pro\11/17/2008

CONTRACTOR IS TO FIELD VERIFY EXISTING ELEVATIONS PRIOR TO CONSTRUCTION





NOTE:
CONTRACTOR SHALL PROVIDE A MINIMUM OF 4' FREE AND CLEAR SIDEWALK FOR PEDESTRIAN TRAVEL.

LEGEND

- INDICATES AC PAVEMENT
- INDICATES PCC SURFACING
- INDICATES AREA OF REMOVAL
- INDICATES AREA OF A/C COLD PLANE & OVERLAY

CONSTRUCTION NOTES

1. CONSTRUCT 5.5" AC PAVING OVER 6" AGGREGATE BASE PER CITY OF RIVERSIDE REQUIREMENTS R-VALUE= 50
3. CONSTRUCT 6" PCC CURB & GUTTER (TYPE I) PER RIV. CITY STD. DWG. 200
5. CONSTRUCT PCC SIDEWALK PER RIV. CITY STD. DWG. 325 (WIDTH PER PLAN)
6. CONSTRUCT WHEELCHAIR RAMP (TYPE I, II, OR II-A) PER RIV. CITY STD. DWG. 304
7. CONSTRUCT PCC DRIVEWAY APPROACH (TYPE CURB-I) PER RIV. CITY STD. 302
8. CONSTRUCT CATCH BASIN PER RIV. CITY STD. DWG. 405 (W & V AS NOTED PER PLAN)
13. SAWCUT, REMOVE & DISPOSE OF EXISTING AC/AB PAVEMENT
14. COLD PLANE GRIND EXISTING AC PAVEMENT 0.12' MIN. (3' WIDE MIN.) PER DETAIL "D" ON SHEET 2
15. OVERLAY EXISTING PREPARED PAVEMENT WITH 0.12' AC MIN. (3' WIDE MIN.) PER DETAIL "D" ON SHEET 2
16. OVERHEAD POWER FACILITIES SHALL BE RELOCATED BY CITY OF RIVERSIDE AT DEVELOPER'S EXPENCE. CONTACT RIVERSIDE PUBLIC UTILITIES 90 DAYS IN ADVANCE OF CONSTRUCTION FOR RELOCATION OF OVERHEAD POWER FACILITIES.
18. ADJUST EXISTING TO PROPOSED FINISH GRADE
20. PROTECT IN PLACE
22. RELOCATE EXISTING MAILBOX TO POSTMASTER APPROVED LOCATION
26. RELOCATE EXISTING STREET SIGN PER APPROVED SIGNING & STRIPING PLANS
29. INSTALL STREET TREE PER SHEET 1 OF 12. MAINTAIN 4' CLEAR ACCESS ON SIDEWALK.
30. RE-SET CENTERLINE MONUMENTATION
31. SAWCUT, REMOVE & DISPOSE OF EXISTING AC BERM
32. REMOVE & DISPOSE OF EXISTING TREE OR SALVAGE TO OWNER
33. RELOCATE EXISTING FENCE 6" BEHIND PROPOSED RIGHT OF WAY
35. REMOVE & SALVAGE EXIST. WHEEL STOPS TO AUSD IF REQUESTED, OTHERWISE DISPOSE

NOTE:
FOR COMPLETE FRONT YARD GRADING DETAILS SEE SHEET No. 11

CURVE DATA

(#)	DELTA	RADIUS	LENGTH	TANGENT
A	90°01'51"	35.00'	55.00'	35.02'
B	56°22'46"	49.50'	48.71'	26.53'
C	95°59'26"	35.00'	58.64'	38.86'
D	90°00'00"	35.00'	54.98'	35.00'

WATER CONSTRUCTION NOTES, BY CITY FORCES

1. INSTALL 4" SERVICE – 4" METER PER CWD-620-1, DOMESTIC
2. INSTALL 4" SERVICE – 4" METER PER CWD-620-1, LANDSCAPE
3. INSTALL (SUPER) PUBLIC FIRE HYDRANT PER CWD-700
4. INSTALL 8" FIRE SERVICE CONNECTION PER CWD-615
5. ABANDON EXISTING FIRE HYDRANT AND GATE VALVE CAN
6. INSTALL FIRE HYDRANT #3585 TO OPPOSITE SIDE OF STREET
7. RELOCATE EXISTING FIRE HYDRANT BEHIND NEW CURB PER CWD-700
8. RELOCATE EXISTING WATER METER (3/4" AND 1") BEHIND NEW CURB PER CWD-600
9. RELOCATE EXISTING WATER METER (2") BEHIND NEW CURB PER CWD-601
11. ABANDON EXISTING WATER VALVE

As Built 5/10/23

PIERCE STREET

GRAPHIC SCALE 1"=40'
0 40 80 120

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

WDID #8 33C342125 | PW 07 - 0288

DIGALERT — DIAL BEFORE YOU DIG TOLL FREE — TWO WORKING DAYS BEFORE YOU DIG — A PUBLIC SERVICE BY UNDERGROUND SERVICE ALERT 1-800-227-2600

CITY OF RIVERSIDE
PUBLIC UTILITIES DEPARTMENT- ELECTRIC OVERHEAD & UNDERGROUND
APPROVED BY — DATE 11/21/08

CITY OF RIVERSIDE
PUBLIC UTILITIES - WATER DIVISION
APPROVED BY — DATE 11/26/08

REGISTERED PROFESSIONAL ENGINEER — PATRICK D POTTER — No. 63554 Exp. 6-30-09 — CIVIL — STATE OF CALIFORNIA

EPIC ENGINEERS
CIVIL ENGINEERING PLANNING LAND SURVEYING CONSTRUCTION MANAGEMENT
101 E. REDLANDS BOULEVARD SUITE 148 REDLANDS, CA 92373
TELE 909 - 792 - 5969 FAX 909 - 792 - 8869

CITY OF RIVERSIDE BUSINESS LICENSE NO. 0074601 EXP. 9/19/2009

MARK	REVISIONS	APPROVED	DATE	APPROVED	DATE

DESIGNED BY: RAR DRAWN BY: RM CHECKED BY: RAR — DESIGN ENG'R. — CITY ENG'R.

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

APPROVED BY	DATE	BY
PRINCIPAL ENGINEER	12-6-08	
TRAFFIC DIVISION	12-12-08	

APPROVED BY
CITY ENGINEER
DATE 12/18/08

STREET IMPROVEMENT PLAN

PIERCE STREET
STATION 16+00.00 TO STATION 23+73.29

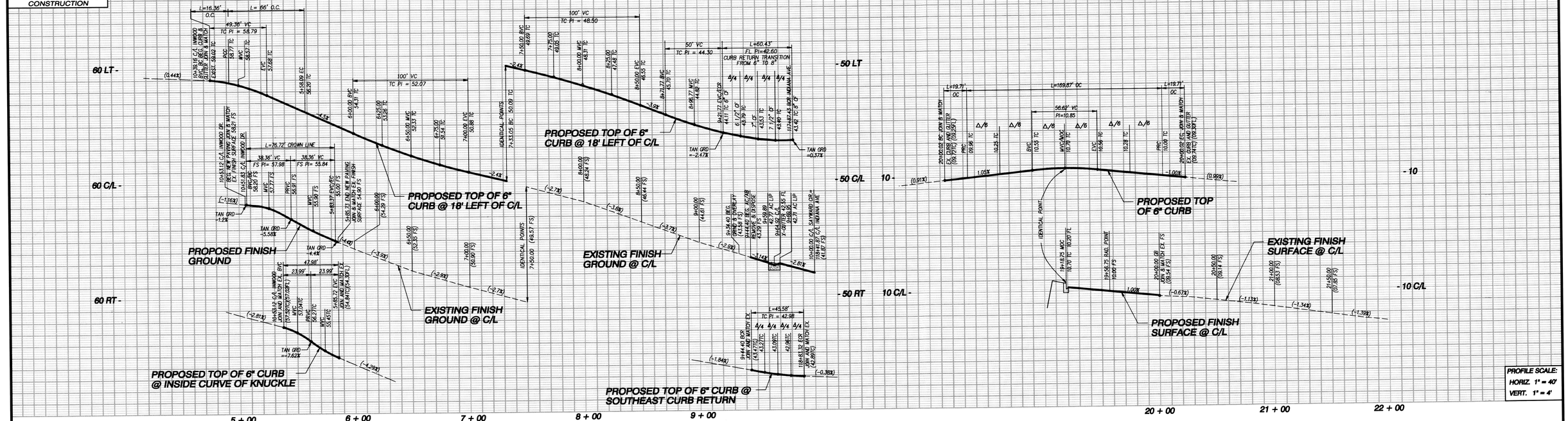
ACCOUNT NO.
CITY DEED # R-4088

SHEET 8 OF 12

EPIC WORK ORDER: 29.32

J:\29.32 AUSD New High School No. 4\AUSD High No. 4.pro/11/17/2008

CONTRACTOR IS TO FIELD VERIFY EXISTING ELEVATIONS PRIOR TO CONSTRUCTION



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

CURVE DATA

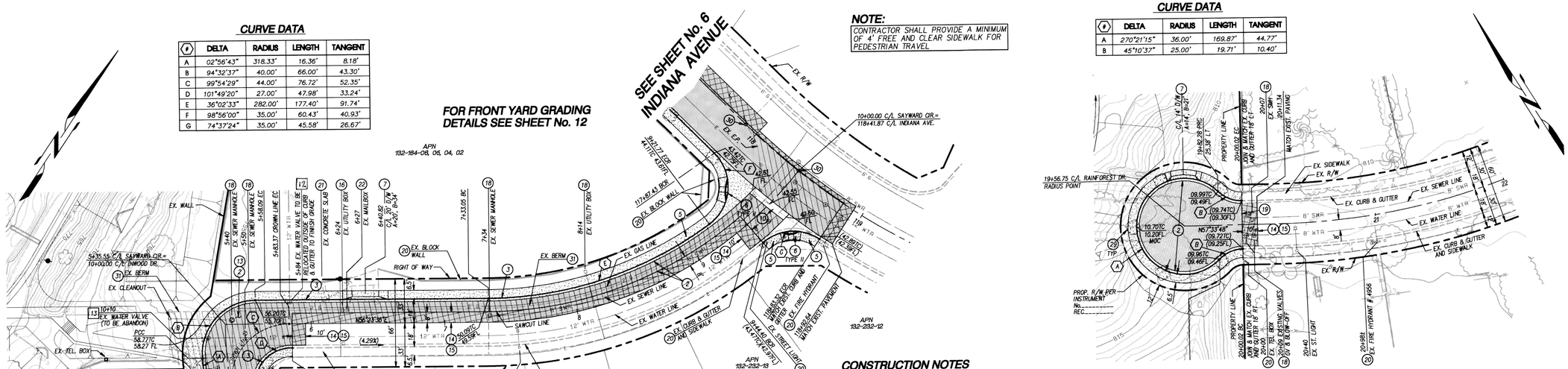
#	DELTA	RADIUS	LENGTH	TANGENT
A	02°56'43"	318.33'	16.36'	8.18'
B	94°32'37"	40.00'	66.00'	43.30'
C	99°54'29"	44.00'	76.72'	52.35'
D	101°49'20"	27.00'	47.98'	33.24'
E	36°02'33"	282.00'	177.40'	91.74'
F	98°56'00"	35.00'	60.43'	40.93'
G	74°37'24"	35.00'	45.58'	26.67'

CURVE DATA

#	DELTA	RADIUS	LENGTH	TANGENT
A	270°21'15"	36.00'	169.87'	44.77'
B	45°10'37"	25.00'	19.71'	10.40'

NOTE:
CONTRACTOR SHALL PROVIDE A MINIMUM OF 4' FREE AND CLEAR SIDEWALK FOR PEDESTRIAN TRAVEL

FOR FRONT YARD GRADING DETAILS SEE SHEET No. 12



NOTE:
CONTRACTOR SHALL PROVIDE A MINIMUM OF 4' FREE AND CLEAR SIDEWALK FOR PEDESTRIAN TRAVEL

CONSTRUCTION NOTES

2. CONSTRUCT 3" AC PAVING OVER 3" AGGREGATE BASE PER SOILS REPORT No.06-81-246-02, R-VALUE= 50
3. CONSTRUCT 6" PCC CURB & GUTTER (TYPE I) PER RIV. CITY STD. DWG. 200
5. CONSTRUCT PCC SIDEWALK PER RIV. CITY STD. DWG. 325 (WIDTH PER PLAN)
6. CONSTRUCT WHEELCHAIR RAMP (TYPE I, II, OR II-A) PER RIV. CITY STD. DWG. 304
7. CONSTRUCT PCC DRIVEWAY APPROACH (TYPE CURB-I) PER RIV. CITY STD. 302
10. CONSTRUCT PCC CROSS GUTTER PER RIV. CITY STD. DWG. 220 (W= 10)
13. SAWCUT, REMOVE & DISPOSE OF EXISTING AC/AB PAVEMENT
14. COLD PLANE GRIND EXISTING AC PAVEMENT 0.12' MIN. (3' WIDE MIN.) PER DETAIL "D" ON SHEET 2
15. OVERLAY EXISTING PREPARED PAVEMENT WITH 0.12' AC MIN. (3' WIDE MIN.) PER DETAIL "D" ON SHEET 2
16. OVERHEAD POWER FACILITIES SHALL BE RELOCATED BY CITY OF RIVERSIDE AT DEVELOPER'S EXPENCE. CONTACT RIVERSIDE PUBLIC UTILITIES 90 DAYS IN ADVANCE OF CONSTRUCTION FOR RELOCATION OF OVERHEAD POWER FACILITIES.
18. ADJUST EXISTING TO PROPOSED FINISH GRADE
19. REMOVE & DISPOSE OF EXISTING GUARD RAIL/BARRICADE OR SALVAGE TO CITY YARD AT THE DIRECTION OF CITY INSPECTOR
20. PROTECT IN PLACE
21. SAWCUT, REMOVE & DISPOSE OF EXISTING CONCRETE
22. RELOCATE EXISTING MAILBOX TO POSTMASTER APPROVED LOCATION
29. INSTALL STREET TREE PER SHEET 1 OF 12. MAINTAIN 4' CLEAR ACCESS ON SIDEWALK.
30. RE-SET CENTERLINE MONUMENTATION
31. SAWCUT, REMOVE & DISPOSE OF EXISTING AC BERM

WATER CONSTRUCTION NOTES, BY CITY FORCES

12. RELOCATE EXISTING 12" GATE VALVE OUTSIDE NEW CURB & GUTTER
13. ABANDON 8" AC WATER MAIN ST TEE, REMOVE END CAP WITH BLOW-OFF FOR NEW CURB & GUTTER

As Built 5/10/23 B.G.

LEGEND

- INDICATES AC PAVEMENT
- INDICATES PCC SURFACING
- INDICATES AREA OF REMOVAL
- INDICATES AREA OF A/C COLD PLANE & OVERLAY

SAYWARD CIRCLE

RAINFOREST DRIVE

GRAPHIC SCALE 1"=40'
0 40 80 120

WDID #8 33C342125 | PW 07 - 0288

DIGALERT — TOLL FREE 1-800-227-2600 — A PUBLIC SERVICE BY UNDERGROUND SERVICE ALERT — DIAL BEFORE YOU DIG — TWO WORKING DAYS BEFORE YOU DIG

CITY OF RIVERSIDE
PUBLIC UTILITIES DEPARTMENT- ELECTRIC OVERHEAD OR UNDERGROUND
APPROVED BY _____ DATE 11/21/08

CITY OF RIVERSIDE
PUBLIC UTILITIES - WATER DIVISION
APPROVED BY _____ DATE 11/20/08

REGISTERED PROFESSIONAL ENGINEER — PATRICK D POTTER — No. 53554 — EXP. 6-30-09 — CIVIL — STATE OF CALIFORNIA

EPIC ENGINEERS
CIVIL ENGINEERING, PLANNING, LAND SURVEYING, CONSTRUCTION MANAGEMENT
101 E. REDLANDS BOULEVARD, SUITE 146, REDLANDS, CA 92373
TELE 909 - 792 - 5969
FAX 909 - 792 - 5869
CITY OF RIVERSIDE BUSINESS LICENSE NO. 0074601 EXP. 9/19/2009

MARK	REVISIONS	APPROVED	DATE	APPROVED	DATE

DESIGNED BY: RAR DRAWN BY: RM CHECKED BY: RAR
DESIGN ENG'R. CITY ENG'R.

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

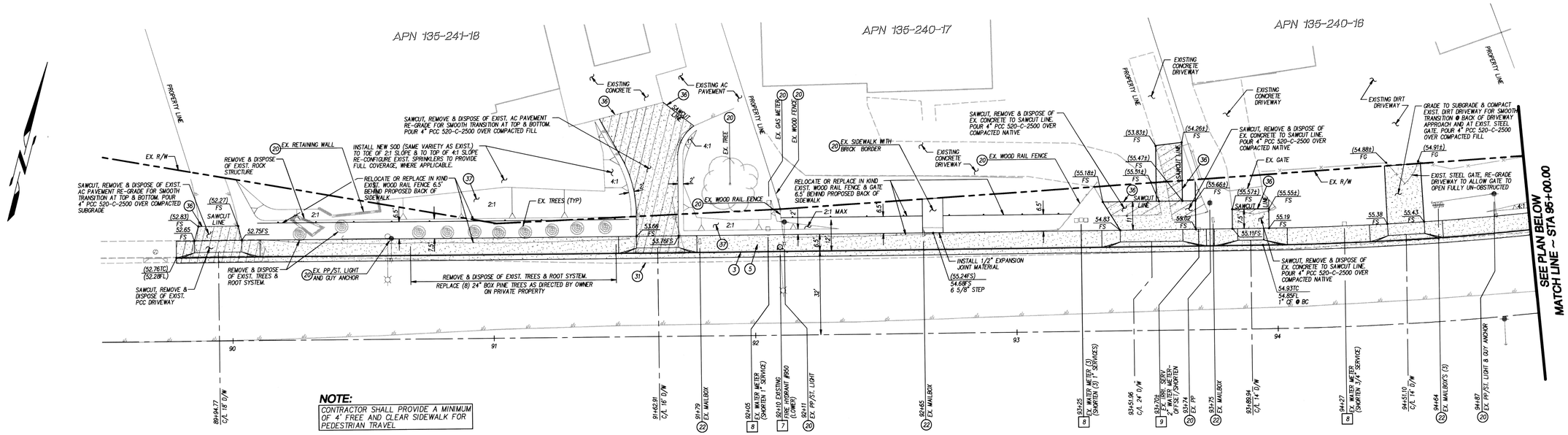
APPROVED BY	DATE	BY
PRINCIPAL ENGINEER	12-16-08	
TRAFFIC DIVISION	12-15-08	

APPROVED BY _____ CITY ENGINEER
DATE 12/18/08

STREET IMPROVEMENT PLAN
SAYWARD CIRCLE
STATION 5+35.55 TO STATION 10+00.00
RAINFOREST DRIVE
STATION 19+18.75 TO STATION 20+00.02

ACCOUNT NO.
CITY DEED #
R-4088
SHEET 9 OF 12
EPIC WORK ORDER: 29.32

J:\29.32 AUSD New High School No. 4\AUSD High No. 4.pro/11/17/2008



LEGEND

- INDICATES AC PAVEMENT
- INDICATES PCC SURFACING
- INDICATES AREA OF REMOVAL
- INDICATES AREA OF A/C COLD PLANE & OVERLAY

CONSTRUCTION NOTES

(3) CONSTRUCT 6" PCC CURB & GUTTER (TYPE I) PER RIV. CITY STD. DWG. 200
(5) (16) CONSTRUCT PCC SIDEWALK PER RIV. CITY STD. DWG. 325 (WIDTH PER PLAN)
OVERHEAD POWER FACILITIES SHALL BE RELOCATED BY CITY OF RIVERSIDE AT DEVELOPER'S EXPENCE. CONTACT RIVERSIDE PUBLIC UTILITIES 90 DAYS IN ADVANCE OF CONSTRUCTION FOR RELOCATION OF OVERHEAD POWER FACILITIES.
(20) PROTECT IN PLACE
(20) (22) RELOCATE EXIST. MAILBOX TO POSTMASTER APPROVED LOCATION
(26) (31) RELOCATE EXIST. STREET SIGN PER APPROVED SIGNING & STRIPING PLANS
SAWCUT, REMOVE & DISPOSE OF EXISTING AC BERM
(36) JOIN & MATCH EXIST. CONCRETE DRIVEWAY FINISH SURFACE
(37) RE-GRADE EXIST. FRONT YARD, REPLACE SOD AS NECESSARY & LEAVE IRRIGATION SPRINKLERS IN PROPER WORKING ORDER WITH FULL COVERAGE IF APPLICABLE

WATER CONSTRUCTION NOTES, BY CITY FORCES

(5) ABANDON EXISTING FIRE HYDRANT AND GATE VALVE CAN
(7) RELOCATE EXISTING FIRE HYDRANT BEHIND NEW CURB PER CWD-700
(8) RELOCATE EXISTING WATER METER (3/4" AND 1") BEHIND NEW CURB PER CWD-600
(9) RELOCATE EXISTING WATER METER (2") BEHIND NEW CURB PER CWD-601
(11) ABANDON EXISTING WATER GATE VALVE

GRAPHIC SCALE 1"=20'
0 20 40 60

As 13:14 5/10/23 B-0

DIGALERT — DIAL BEFORE YOU DIG TOLL FREE 1-800-227-2600 — TWO WORKING DAYS BEFORE YOU DIG — A PUBLIC SERVICE BY UNDERGROUND SERVICE ALERT

CITY OF RIVERSIDE
PUBLIC UTILITIES DEPARTMENT- ELECTRIC OVERHEAD & UNDERGROUND
APPROVED BY — DATE 11/21/08

CITY OF RIVERSIDE
PUBLIC UTILITIES - WATER DIVISION
APPROVED BY — DATE 11/20/08

REGISTERED PROFESSIONAL ENGINEER — PATRICK D POTTER — No. 53054 — EXP. 6-30-06 — CIVIL — STATE OF CALIFORNIA

EPIC ENGINEERS
CIVIL ENGINEERING PLANNING — LAND SURVEYING CONSTRUCTION MANAGEMENT
101 E. REDLANDS BOULEVARD SUITE 140 REDLANDS, CA 92373
TELE 909 - 792 - 5969 FAX 909 - 792 - 8869
CITY OF RIVERSIDE BUSINESS LICENSE NO. 0074601 EXP. 9/19/2009

MARK	REVISIONS	APPROVED	DATE	APPROVED	DATE
A	Revised Driveway	SC	5/11/23		

DESIGNED BY: RAR DRAWN BY: RM CHECKED BY: RAR — DESIGN ENG'R. — CITY ENG'R.

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

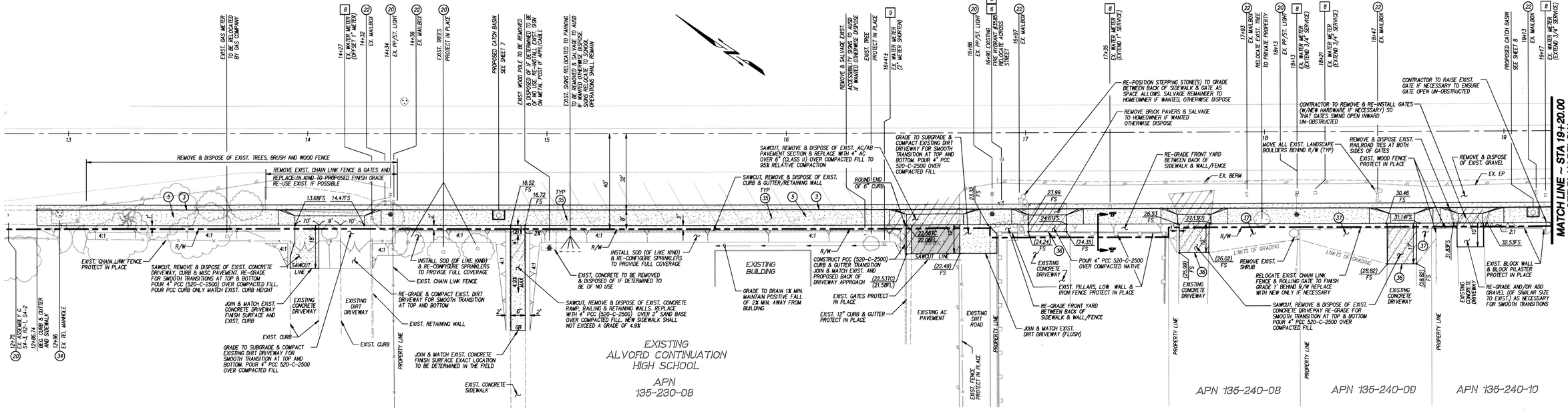
APPROVED BY	DATE	BY	APPROVED BY
PRINCIPAL ENGINEER	12-12-08		
TRAFFIC DIVISION	12-17-08		CITY ENGINEER
			DATE 12/18/08

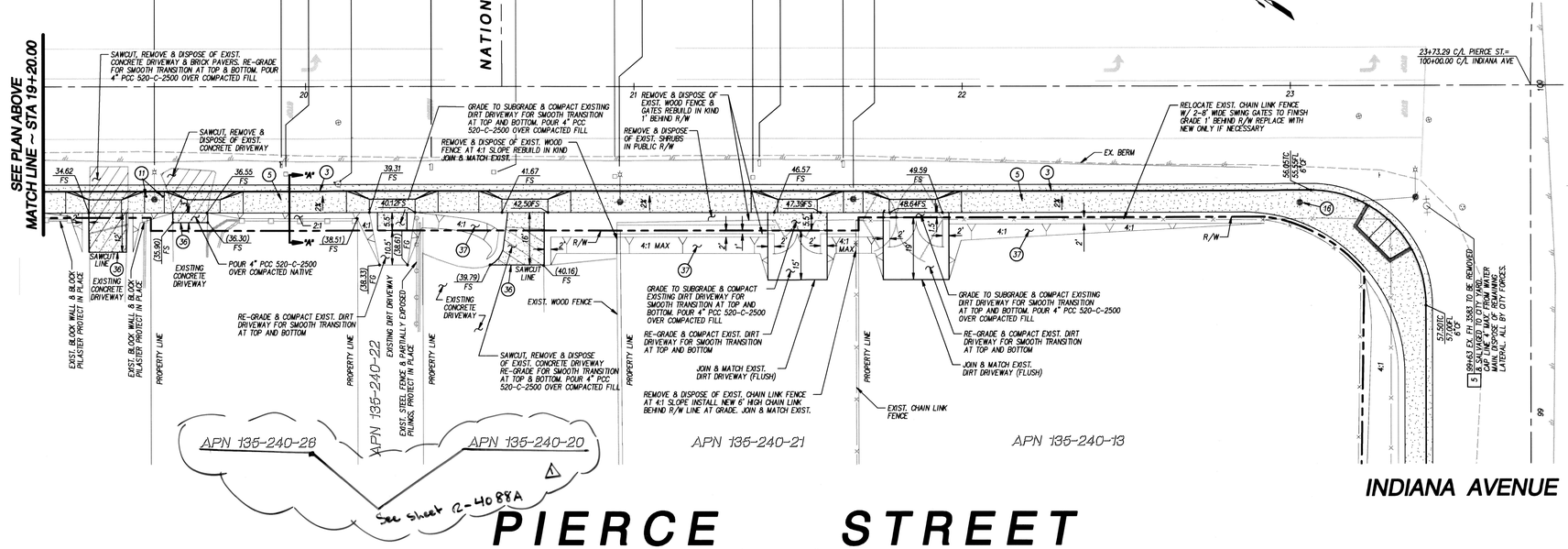
STREET IMPROVEMENT PLAN

STREET PLAN DETAILS

WDID #8 33C342125 — PW 07 - 0288
ACCOUNT NO.
CITY DEED # R-4088
SHEET 10 OF 12
EPIC WORK ORDER: 29.32

J:\29.32 AUSD New High School No. 4\AUSD High No. 4.pro/11/17/2008





NOTE:
CONTRACTOR SHALL PROVIDE A MINIMUM OF 4' FREE AND CLEAR SIDEWALK FOR PEDESTRIAN TRAVEL

CONSTRUCTION NOTES

(3) CONSTRUCT 6" PCC CURB & GUTTER (TYPE I) PER RIV. CITY STD. DWG. 200
(5) CONSTRUCT PCC SIDEWALK PER RIV. CITY STD. DWG. 325 (WIDTH PER PLAN)
(11) FURNISH AND INSTALL PROTECTIVE BOLLARD PER DETAIL "B" ON SHEET 12
(16) OVERHEAD POWER FACILITIES SHALL BE RELOCATED BY CITY OF RIVERSIDE AT DEVELOPER'S EXPENCE. CONTACT RIVERSIDE PUBLIC UTILITIES 90 DAYS IN ADVANCE OF CONSTRUCTION FOR RELOCATION OF OVERHEAD POWER FACILITIES.
(20) PROTECT IN PLACE
(22) RELOCATE EXIST. MAILBOX TO POSTMASTER APPROVED LOCATION
(34) RELOCATE EXISTING TELEPHONE MANHOLE BEHIND PROPOSED SIDEWALK BY OWNING UTILITY PURVEYOR
(35) REMOVE & SALVAGE EXIST. WHEEL STOPS TO AUSD IF WANTED & OTHERWISE DISPOSE
(36) JOIN & MATCH EXIST. CONCRETE DRIVEWAY FINISH SURFACE
(37) RE-GRADE EXIST. FRONT YARD, REPLACE SOD AS NECESSARY & LEAVE IRRIGATION SPRINKLERS IN PROPER WORKING ORDER WITH FULL COVERAGE IF APPLICABLE

WATER CONSTRUCTION NOTES, BY CITY FORCES

5 ABANDON EXISTING FIRE HYDRANT AND GATE VALVE CAN
6 INSTALL FIRE HYDRANT #3585 TO OPPOSITE SIDE OF STREET
7 RELOCATE EXISTING FIRE HYDRANT BEHIND NEW CURB PER CWD-700
8 RELOCATE EXISTING WATER METER (3/4" AND 1") BEHIND NEW CURB PER CWD-600
9 RELOCATE EXISTING WATER METER (2") BEHIND NEW CURB PER CWD-601

NOTE:
FOR SECTION "A"-"A" AND "B"-"B" SEE SHEET 12.

NOTE:
ALL LANDSCAPING REMOVED DURING CONSTRUCTION WILL BE REPLACED IN KIND.

LEGEND

- INDICATES AC PAVEMENT
- INDICATES PCC SURFACING
- INDICATES AREA OF REMOVAL
- INDICATES AREA OF A/C COLD PLANE & OVERLAY

GRAPHIC SCALE 1"=20'
0 20 40 60

As Built 5/10/23

WDID #8 33C342125 | PW 07 - 0288

DIGALERT — DIAL BEFORE YOU DIG TOLL FREE — TWO WORKING DAYS BEFORE YOU DIG — A PUBLIC SERVICE BY UNDERGROUND SERVICE ALERT — 1-800-227-2600

CITY OF RIVERSIDE
PUBLIC UTILITIES DEPARTMENT- ELECTRIC OVERHEAD & UNDERGROUND
APPROVED BY — DATE 11/21/08

CITY OF RIVERSIDE
PUBLIC UTILITIES - WATER DIVISION
APPROVED BY MW — DATE 11/20/08

REGISTERED PROFESSIONAL ENGINEER — PATRICK D POTTER — No. 53554 Exp. 6-30-09 — CIVIL — STATE OF CALIFORNIA

EPIC ENGINEERS
CIVIL ENGINEERING PLANNING — LAND SURVEYING CONSTRUCTION MANAGEMENT
101 E. REDLANDS BOULEVARD SUITE 146 REDLANDS, CA 92373
TELE 909 - 792 - 5969 FAX 909 - 792 - 5959
CITY OF RIVERSIDE BUSINESS LICENSE NO. 0074601 EXP. 9/19/2009

MARK	REVISIONS	APPROVED	DATE	APPROVED	DATE
1	ADDED NOTE				

DESIGNED BY: RAR DRAWN BY: RM CHECKED BY: RAR — DESIGN ENG'R — CITY ENG'R.

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

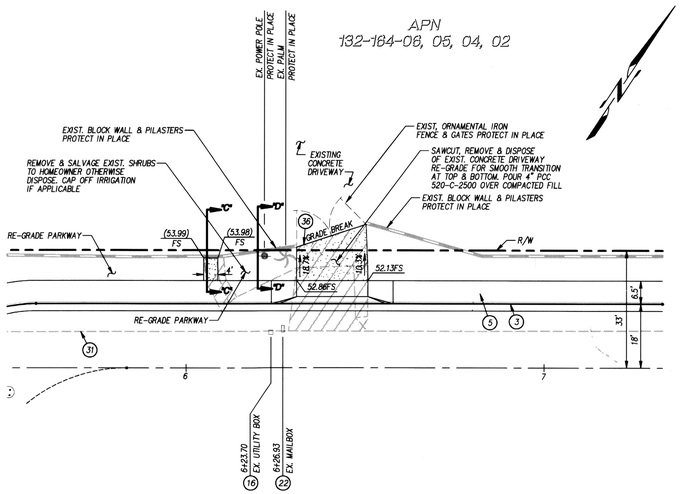
APPROVED BY	DATE	BY
PRINCIPAL ENGINEER	12-15-08	
TRAFFIC DIVISION	12-15-08	

APPROVED BY — CITY ENGINEER
DATE 12/16/08

STREET IMPROVEMENT PLAN
STREET PLAN DETAILS

ACCOUNT NO.
CITY DEED # R-4088
SHEET 11 OF 12
EPIC WORK ORDER: 29.32

J:\29.32 AUSD New High School No. 4\AUSD High No. 4.pro/11/17/2008

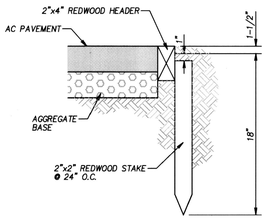


SAYWARD CIRCLE

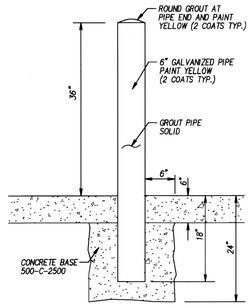
CONSTRUCTION NOTES

(3) CONSTRUCT 6" PCC CURB & GUTTER (TYPE I) PER RIV. CITY STD. DWG. 200
(5) CONSTRUCT PCC SIDEWALK PER RIV. CITY STD. DWG. 325 (WIDTH PER PLAN)
(11) FURNISH AND INSTALL PROTECTIVE BOLLARD PER DETAIL "B" ON SHEET 12
(16) EXIST. POWER POLE TO SALVAGED TO CITY YARD. ELECTRICAL LINES TO BE RELOCATED BY APPROVED CITY ELECTRICAL DEPARTMENT PLANS
(22) RELOCATE EXIST. MAILBOX TO POSTMASTER APPROVED LOCATION
(31) SAWCUT, REMOVE & DISPOSE OF EXISTING AC BERM
(36) JOIN & MATCH EXIST. CONCRETE DRIVEWAY FINISH SURFACE
(38) FURNISH AND INSTALL 2" X 4" REDWOOD HEADER PER DETAIL "A" ON SHEET 12

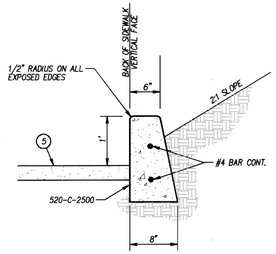
NOTE:
ALL LANDSCAPING REMOVED DURING CONSTRUCTION SHALL BE REPLACED IN KIND.



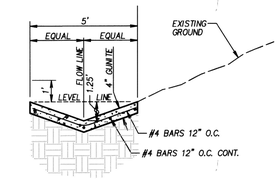
(38) DETAIL "A"
REDWOOD HEADER
NOT TO SCALE



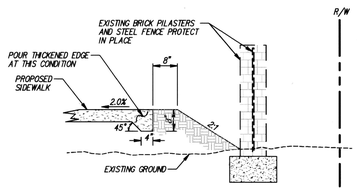
(11) DETAIL "B"
PROTECTIVE BOLLARD DETAIL
NOT TO SCALE



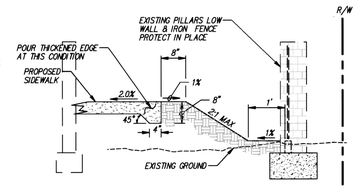
(12) DETAIL "C"
PCC RETAINING CURB
NOT TO SCALE



DETAIL "E"
GUNITE "V" DITCH
NOT TO SCALE

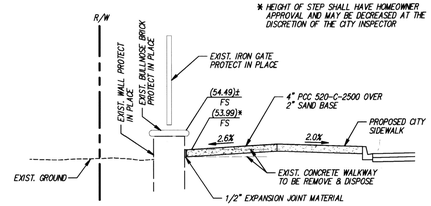


SECTION "A-A"

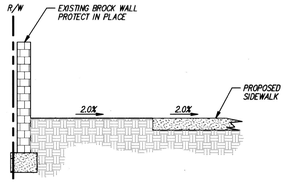


SECTION "B-B"

* HEIGHT OF STEP SHALL HAVE HOMEOWNER APPROVAL AND MAY BE DECREASED AT THE DISCRETION OF THE CITY INSPECTOR



SECTION "C-C"



SECTION "D-D"

LEGEND

INDICATES AC PAVEMENT
INDICATES PCC SURFACING
INDICATES AREA OF REMOVAL
INDICATES AREA OF A/C COLD PLANE & OVERLAY

GRAPHIC SCALE 1"=20'
0 20 40 60

As Built 5/10/23 B.O

WDID #8 33C342125 | PW 07 - 0288

DIGALERT — DIAL BEFORE YOU DIG TOLL FREE — TWO WORKING DAYS BEFORE YOU DIG — A PUBLIC SERVICE BY UNDERGROUND SERVICE ALERT 1-800-227-2600

CITY OF RIVERSIDE
PUBLIC UTILITIES DEPARTMENT- ELECTRIC OVERHEAD & UNDERGROUND
APPROVED BY _____ DATE 11/21/08

CITY OF RIVERSIDE
PUBLIC UTILITIES - WATER DIVISION
APPROVED BY _____ DATE 11/20/08

REGISTERED PROFESSIONAL ENGINEER — RICK D. POTTER — No. 53654 Exp. 6-30-09 — CIVIL — STATE OF CALIFORNIA

EPIC ENGINEERS
CIVIL ENGINEERING PLANNING LAND SURVEYING CONSTRUCTION MANAGEMENT
101 E. REDLANDS BOULEVARD
SUITE 146
REDLANDS, CA 92373
TELE 909 - 792 - 5999
FAX 909 - 792 - 5999

CITY OF RIVERSIDE BUSINESS LICENSE NO. 0074601 EXP. 9/19/2009

MARK	REVISIONS	APPROVED	DATE	APPROVED	DATE

DESIGNED BY: RAR DRAWN BY: RM CHECKED BY: RAR DESIGN ENG'R. CITY ENG'R.

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

	DATE	BY
APPROVED BY		
PRINCIPAL ENGINEER	12-15-08	
TRAFFIC DIVISION	12-15-08	

APPROVED BY _____ CITY ENGINEER
DATE 12/15/08

STREET IMPROVEMENT PLAN

STREET PLAN DETAILS

ACCOUNT NO.
CITY DEED # R-4088

SHEET 12 OF 12

EPIC WORK ORDER: 29.32

J:\29.32 AUSD New High School No. 4\AUSD High No. 4.pro\11/17/2008