GENERAL NOTES

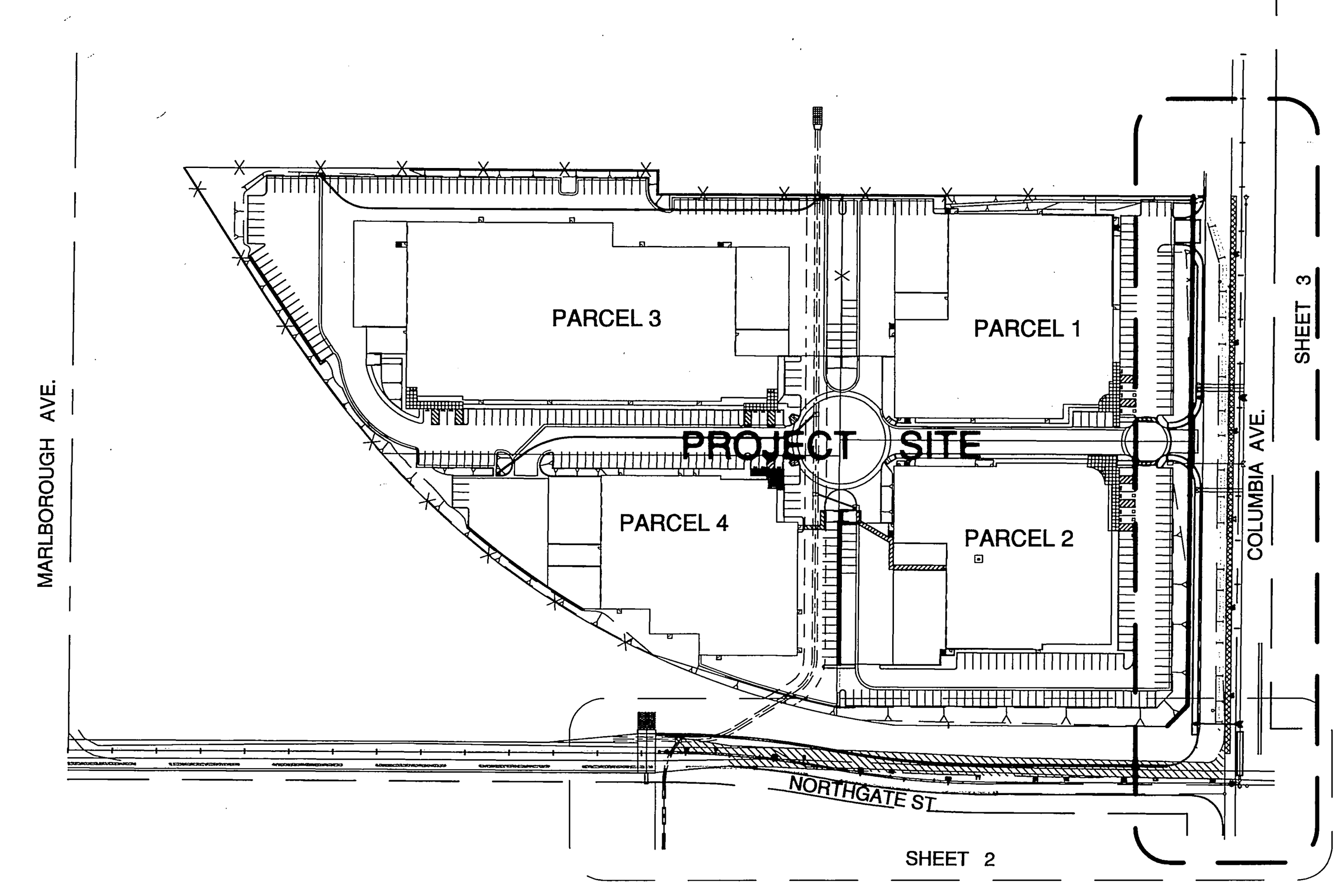
1. NO PERSON SHALL PERFORM ANY CONSTRUCTION ACTIVITY OR INSTALL ANY OBJECTS WITHIN THE PUBLIC RIGHTS–OF–WAY OR EASEMENTS OF THE CITY OF RIVERSIDE WITHOUT A VALID CONSTRUCTION PERMIT OR AN ENCROACHMENT PERMIT, OR A STREET OPENING PERMIT ISSUED BY THE CITY'S PUBLIC WORKS DEPARTMENT.
2. IT SHALL BE THE 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. WHERE NEW PAVEMENT IS TO JOIN 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.
5. ALL FLAGGED ELEVATIONS SHALL BE STAKED IN THE FIELD BY THE PRIVATE ENGINEEER.
6. 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 SIGNING THESE PLANS SHALL BE RESPONSIBLE FOR DETERMINING AN ACCEPTABLE SOLUTION AND REVISING THE PLANS FOR APPROVAL BY THE CITY.
7. THE DEVELOPER SHALL BE RESPONSIBLE FOR PRESERVING OR RE–ESTABLISHING AND REFERENCING THE SURVEY MONUMENTS DESTROYED, DISTURBED OR BURIED AS A RESULT OF CONSTRUCTION SHOWN HEREON.
8. 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.
9. ALL TRAFFIC SIGNS SHALL BE INSTALLED PRIOR TO OPENING THE STREETS TO TRAFFIC.
10. SEE " STREET LIGHTING PLANS" FOR QUANTITY AND LOCATION OF REQUIRED STREET LIGHTS. CONTACT BILL MAINORD @ 909. 826. 5393.
11. THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THESE PLANS WERE OBTAINED BY A SEARCH OF THE AVAILABLE RECORDS. TO THE BEST OF OUR KNOWLEDGE THERE ARE NO EXISTING UTILITES EXCEPT AS SHOWN ON THESE PLANS. THE CONTRACTOR IS REQUIRED TO TAKE PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES SHOWN AND ANY OTHER LINES NOT OF RECORD OR NOT SHOWN ON THESE PLANS.
12. 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 INSPECTOR.
13. THE CONTRACTOR SHALL CALL IN A LOCATION REQUEST TO UNDERGROUND SERVICE ALERT (USA) AT 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 USA.
14. QUANTITIES SHOWN ARE FOR INFORMATION ONLY AND THE CITY OF RIVERSIDE IS NOT RESPONSIBLE FOR THEIR ACCURACY.
15. IN PAVEMENT OVERLAY AREAS, ANY DISTRESSED EXISTING PAVEMENT SHALL BE REMOVED AND REPLACED AS DIRECTED BY THE INSPECTOR PRIOR TO OVERLAYING WITH NEW AC PAVING.
16. FINAL STRIPING FOR TRAFFIC CONTROL AND/OR PAVEMENT MARKING TO BE THE RESPONSIBLITY OF THE DEVELOPER.

GENERAL NOTES STREET TREE PLANTING

1. THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THIS PLAN ARE OBTAINED BY SEARCH OF AVAILABLE RECORDS, TO THE BEST OF OUR KNOWLEDGE, THERE ARE NO EXISTING UTILITIES EXCEPT AS SHOWN ON THESE PLANS. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT THE UTILITIES SHOWN AND ANY OTHER LINES OR STRUCTURES NOT SHOWN ON THESE PLANS.
2. 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 REGULATION" OF THE U.S. DEPARTMENT OF LABOR, AND THE STATE OF CALIFORNIA DEPARTMENT OF INDUSTRIAL RELATIONS "CONSTRUCTION SAFETY ORDERS."
3. THE CIVIL ENGINEER SHALL NOT BE RESPONSIBLE IN ANY WAY FOR THE CONTRACTORS AND SUBCONTRACTORS' COMPLIANCE WITH THE "OCCUPATIONAL SAFETY AND HEALTH REGULATIONS" OF THE U.S. DEPARTMENT OF LABOR OR WITH THE STATE OF CALIFORNIAL DEPARTMENT OF INDUSTRIAL RELATIONS, "CONSTRUCTION SAFETY ORDERS."
4. CONTRACTOR FUTHER AGREES THAT HE SALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR THE JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT. INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL APPLY CONTINOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER AND THE 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 THE ENGINEER.

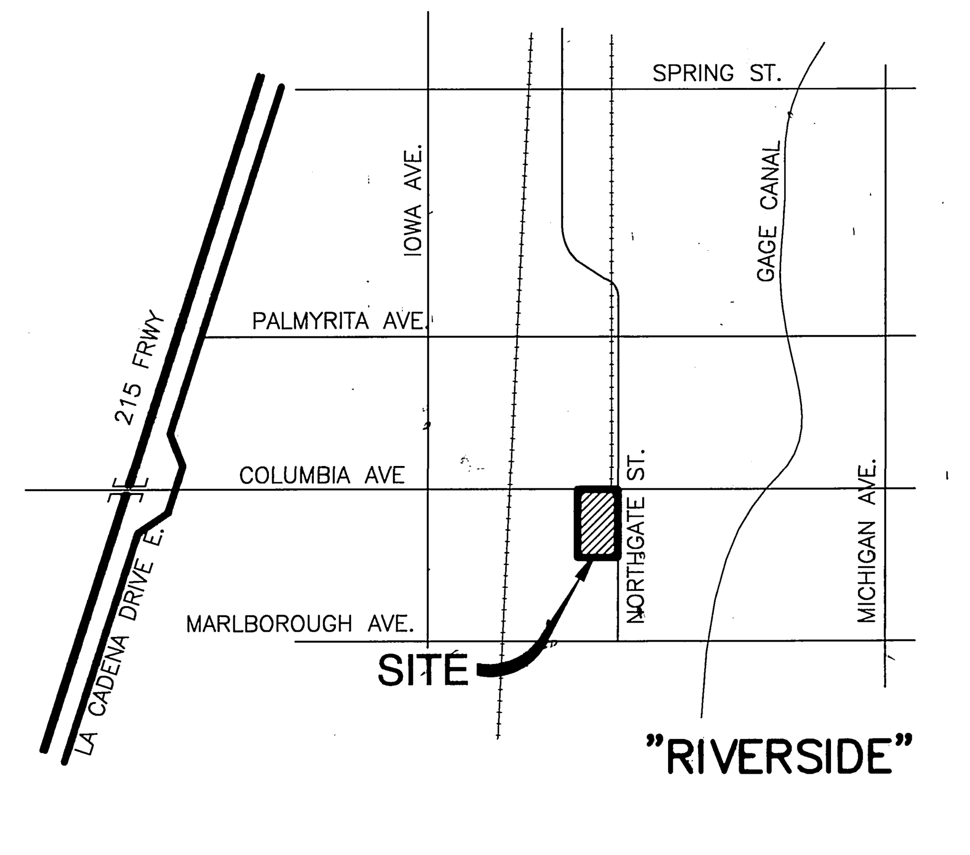
GENERAL NOTES STREET TREE PLANTING

1. ALL RELATED WORK SHALL CONFORM TO THE CITY OF RIVERSIDE, PARK AND RECREATION DEPARTMENT STANDARDS AND CITY OF RIVERSIDE STREET TREE POLICIES.
2. CONTACT THE PARK PROJECTS INSPECTOR A MINIMUM OF 48 HOURS IN ADVANCE AT 715–3466 TO SCHEDULE INSPECTIONS. INSPECTIONS SHALL BE REQUIRED: A) WHEN PLANT LOCATIONS HAVE BEEN SPOTTED IN THE FIELD PRIOR TO DIGGING PLANTS PITS, 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, AND D) AT END OF MAINTENANCE/FINAL ACCEPTANCE DEVELOPER WILL BE RELEASED FROM MAINTENANCE ONLY UPON RECEIPT OF WRITTEN NOTIFICATION FROM THE CITY THAT THE PARK AND RECREATION DEPARTMENT IS ASSUMING MAINTENANCE RESPONSIBILITIES.
3. THE DEVELOPER SHALL MAINTAIN ALL PLANTINGS FOR A MINIMUM PERIOD OF ONE (1) YEAR.
4. ALL STREET TREES ARE TO BE PLANTED PRIOR TO OCCUPANCY.
5. STREET TREE PLANTING SHALL BE AS FOLLOWS:



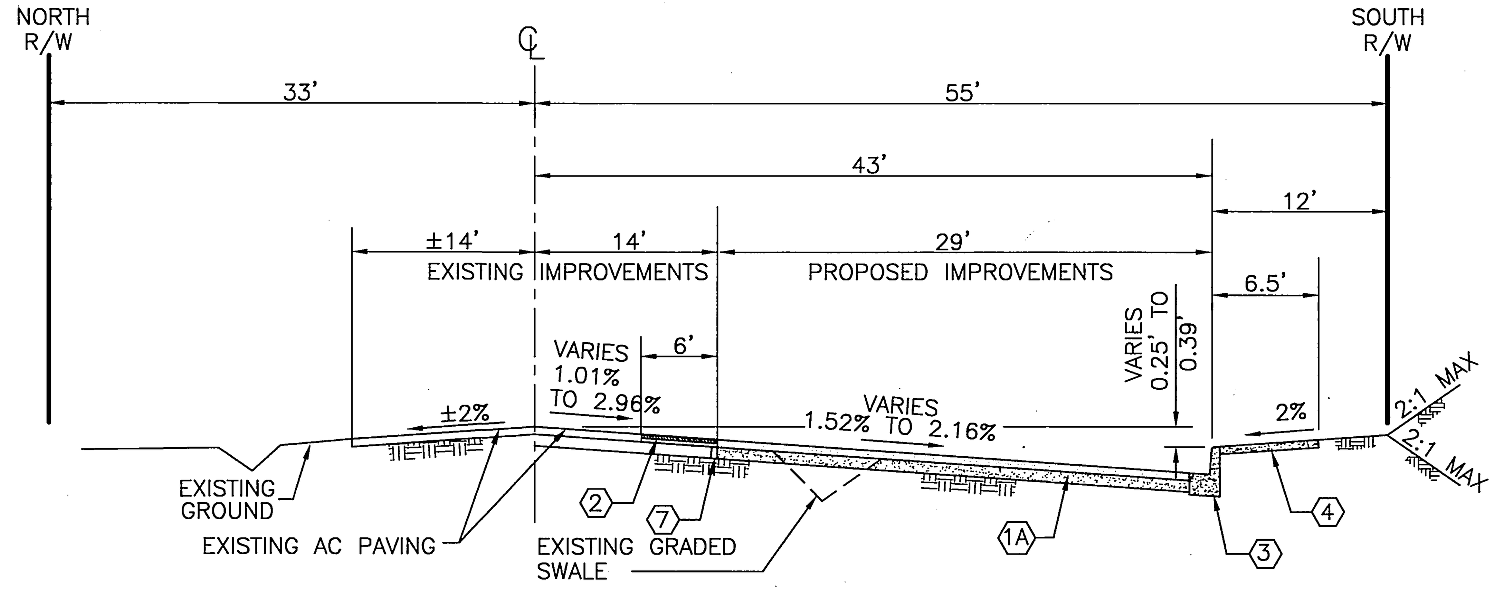
INDEX MAP

NOT TO SCALE



VICINITY MAP

NOT TO SCALE

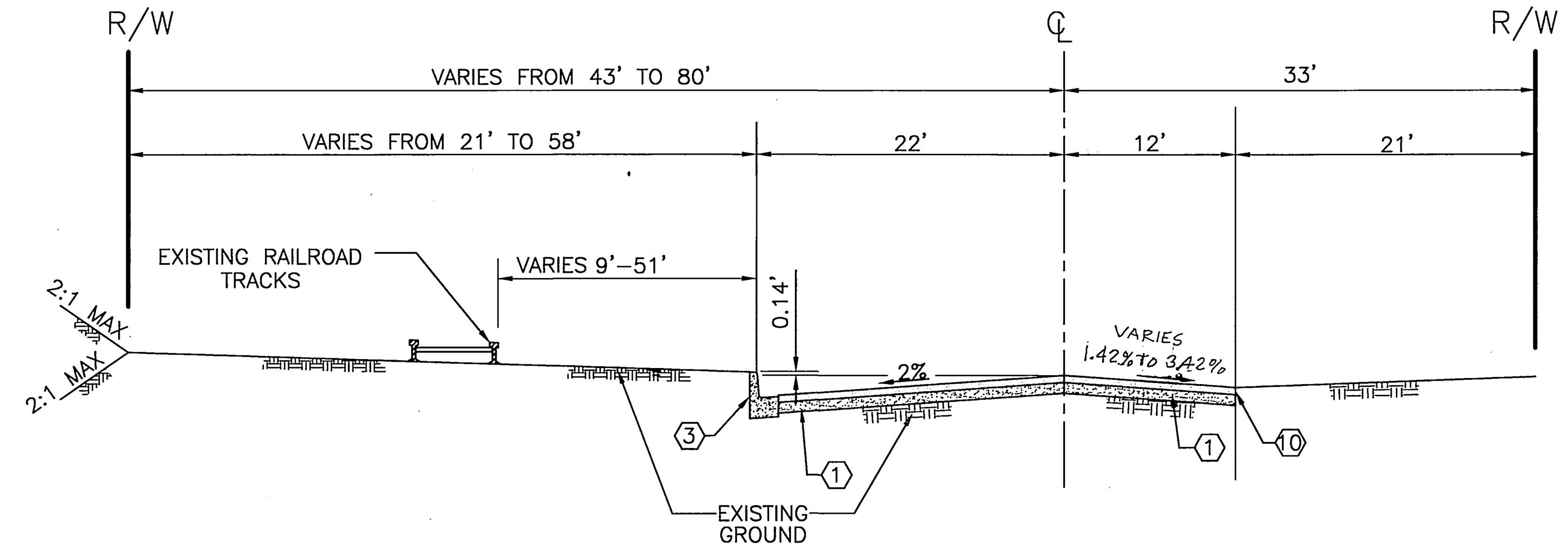


TYPICAL SECTION-COLUMBIA AVENUE

FROM STA. 20+10.90 TO 26+20.57

T.I.=9.0

NOT TO SCALE



TYPICAL SECTION-NORTHGATE STREET

FROM STA. 16+66.00 TO 23+25.71

T.I.=8.0

NOT TO SCALE

QUANTITIES

No.	ESTIMATED	UNIT	DESCRIPTION
1	22850	SF	0.33' AC PAVEMENT OVER 0.63' CRUSHED AGGREGATE BASE
1A	17690	SF	0.33' AC PAVEMENT OVER 0.67' CRUSHED AGGREGATE BASE
2	4,525	SF	GRIND AND OVERLAY EXISTING AC 0.10' THICKNESS PER SHT. 3
3	1,019	LF	TYPE 1 CURB & GUTTER (8"C.F.) PER CITY OF RIVERSIDE STD. 200
4	2,625	SF	SIDEWALK PER CITY OF RIVERSIDE STD 325
5	4	EA	WHEELCHAIR RAMP PER CITY OF RIVERSIDE STD. 304 SEE DETAIL, SHEET 4
6	13,710	SF	REMOVE EXISTING PAVING
7	530	LF	REMOVE EXISTING REDWOOD HEADER
8	2	EA	30' DRIVEWAY APPROACH PER DETAIL, SHEET 4
9	28	LF	REMOVE EXISTING AC DITCH
10	810	LF	2" x 6" REDWOOD HEADER
11	1	EA	4' WIDE PARKWAY DRAIN INLET TYPE 2 PER A.P.W.A. STD. PLAN 151–0
13	665	LF	SAWCUT EXISTING ASPHALT PAVEMENT
14	140	LF	6" ASPHALT CONCRETE BERM PER CITY OF RIVERSIDE STD. 250
15	1	EA	STREET NAME SIGN PER CITY OF RIVERSIDE STD. DWG. NO. 662A
16	1,591	SF	6' CROSS GUTTER PER CITY OF RIVERSIDE STD. DWG. NO. 220
17	6	EA	INSTALL F-I FLEXIBLE DELINEATOR AT 20' O.C.
18	235	LF	PAINT 6" WHITE LANE LINE PER CAL TRANS STD. PLAN A20B DETAIL 27B

CONSTRUCTION NOTES

(1) CONSTRUCT 0.33' AC PAVEMENT OVER 0.63' CRUSHED AGGREGATE BASE PER S.R. 1594, R–VALUE= 47
(1A) CONSTRUCT 0.33' AC PAVEMENT OVER 0.67' CRUSHED AGGREGATE BASE PER S.R. 1594, R–VALUE= 53
(2) GRIND EXIST PAVEMENT 0.10' AND OVERLAY TO MATCH PROPOSED PAVING PER DETAIL THIS SHEET
(3) CONSTRUCT TYPE 1 CURB & GUTTER (8"C.F.) PER CITY OF RIVERSIDE STD. 200
(4) CONSTRUCT SIDEWALK PER CITY OF RIVERSIDE STD 325
(5) CONSTRUCT WHEELCHAIR RAMP PER CITY OF RIVERSIDE STD. 304 TYPE II SEE DETAIL SHEET 4
(6) REMOVE EXISTING PAVING
(7) REMOVE EXISTING REDWOOD HEADER
(8) CONSTRUCT 30' DRIVEWAY PER DETAILS SHEET 4
(9) REMOVE EXISTING AC DITCH
(10) INSTALL 2"x 6" REDWOOD HEADER
(11) 4' WIDE PARKWAY DRAIN (INLET TYPE 2) PER A.P.W.A. STD. PLAN 151–0
(13) SAWCUT EXISTING ASPHALT PAVEMENT
(14) CONSTRUCT 6" ASPHALT CONCRETE BERM PER CITY OF RIVERSIDE STD. NO. 250
(15) INSTALL STREET NAME SIGN PER CITY OF RIVERSIDE STD. 662A
(16) CONSTRUCT CROSS GUTTER PER CITY OF RIVERSIDE STD. DWG. NO. 220
(17) INSTALL F-I FLEXIBLE DELINEATOR AT 20' O.C.
(18) PAINT 6" WHITE LANE LINE PER CAL TRANS STD. PLAN A20B DETAIL 27B

LEGEND

TC — TOP OF CURB
FL — FLOW LINE
FS — FINISHED SURFACE
CL — CENTERLINE
S — SEWER
W — WATER
ECR — END CURB RETURN
BCR — BEGIN CURB RETURN
VC — VERTICAL CURVE
BVC — BEGIN VERTICAL CURVE
EVC — END VERTICAL CURVE
CF — CURB FACE

AC PAVEMENT
OVERLAY
AC REMOVAL
CONCRETE

UTILITY INFORMATION

CONTACT UTILITY COMPANIES BEFORE EXCAVATION

1. PACIFIC BELL (909) 359–2273
2. SOUTHERN CALIF. GAS CO. (909) 335–7716
3. CITY OF RIVERSIDE
   - ELECTRIC (909) 826–5393
   - WATER (909) 826–5442
   - SEWER (909) 826–5341
4. SO. PACIFIC PIPELINE KINDER MORGAN ENERGY (DON QUINN) (714) 560–4940

INDEX SHEET

SHEET 1 — COVER SHEET
SHEET 2 — STREET PLAN NORTHGATE STREET
SHEET 3 — STREET PLAN COLUMBIA AVENUE
SHEET 4 — DETAIL SHEET

KINDER MORGAN ENERGY PARTNERS
* (909) 560-4940
REVIEWED FOR CONFLICTS BY ______ DATE

* SPECIAL NOTE:
PLEASE NOTIFY PRIOR TO START OF EXCAVATION.

OVERHEAD & UNDERGROUND ELECTRIC — [signature] 8·5·02 DATE

PAC BELL TELEPHONE — [signature] 8/5/02 DATE

CITY TAX CERTIFICATE NO. 27049, EXP. 01–25–03

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

BENCH MARK:
CITY OF RIVERSIDE B.M. J8–H3
LEAD AND TACK IN THE TOP OF NORTHWEST CORNER OF A CATCH BASIN ON THE SOUTHWEST CORNER OF PALMYRITA AVENUE AND NORTHGATE STREET – SOUTHERLY.
ELEV. 981.648

CITY OF RIVERSIDE
DOMESTIC WATER SYSTEM
APPROVED BY: [signature] 8/5/02 DATE

AT&T
* (909) 776-3914
DATE

REGISTERED PROFESSIONAL ENGINEER — ALLEN W. MARTIN — No. C 38463 — EXP. 3–31–05 — CIVIL — STATE OF CALIFORNIA

Southland Engineering
2200 BUSINESS WAY, Ste. 100
RIVERSIDE, CA. 92501
(909) 788–8488

PREPARED UNDER THE SUPERVISION OF [signature] 8-5-02 DATE
ALLEN W. MARTIN R.C.E. 38463 EXP. 3–31–05

MARK	REVISIONS	APPR.	DATE

DESIGNED BY JH DRAWN BY JH CHECKED BY RV

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

APPROVED BY	DATE	BY
PRINCIPAL ENGINEER	10/31/2002	[initials]
PARK DEPARTMENT		
TRAFFIC DIVISION	10/17/02	[initials]
DEPUTY P.W. DIRECTOR		

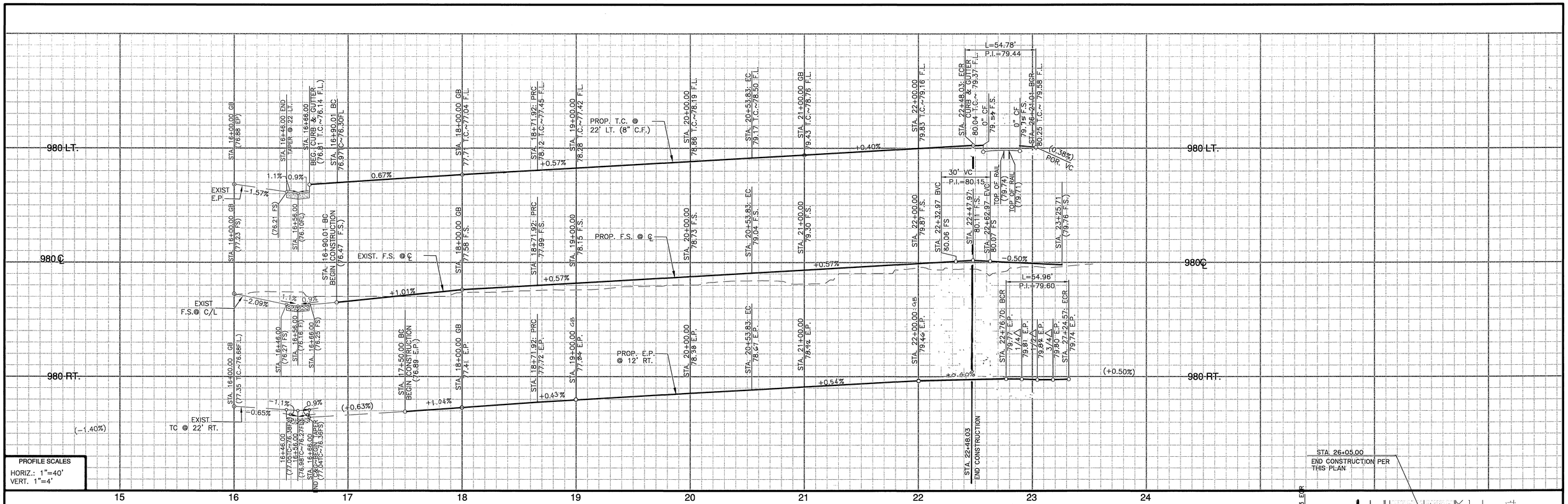
APPROVED BY [signature] PUBLIC WORKS DIRECTOR
DATE 11/5/02

STREET IMPROVEMENTS PLAN & PROFILE
TITLE SHEET
PM 30325
SCALE: AS NOTED

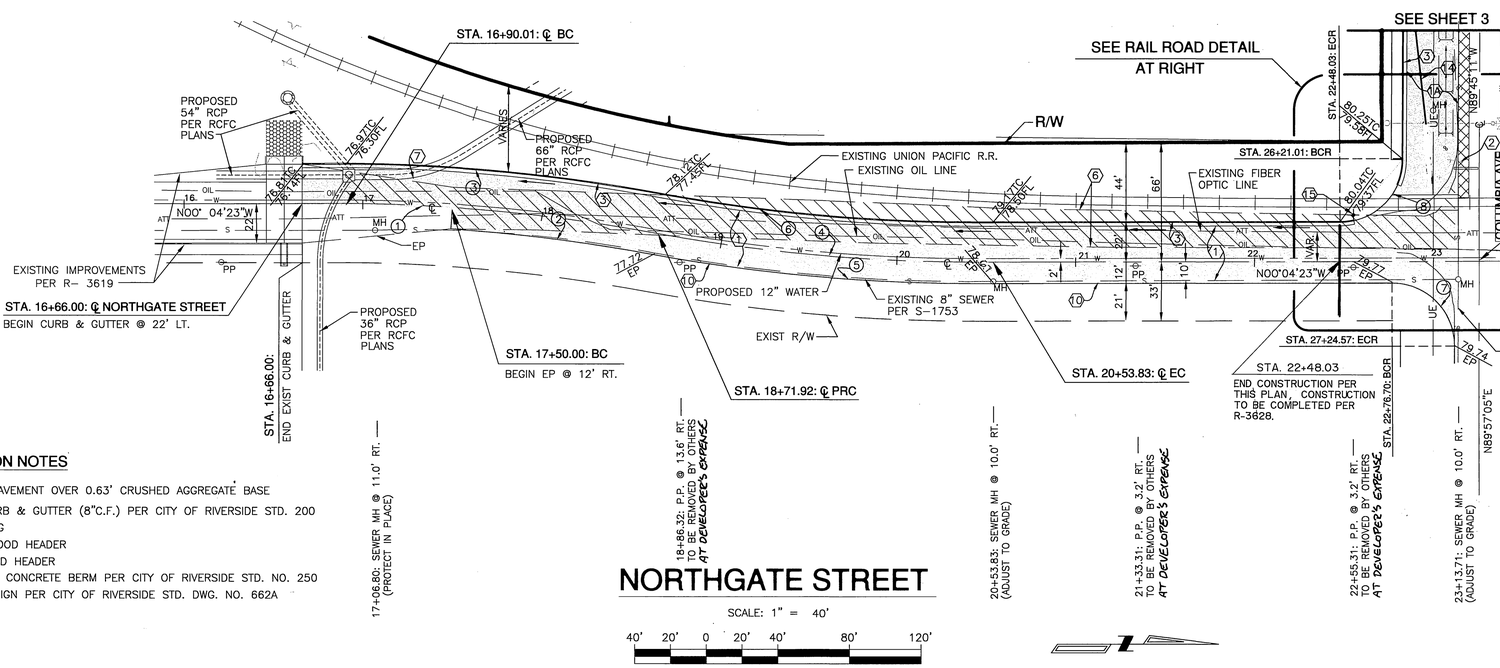
ACCOUNT NO. R-3664
SHEET 1 OF 4
WO 20159

INDEXED 11-18-02 LH

20159 (sipsht–01–cover sheet) 08–05–02 ar



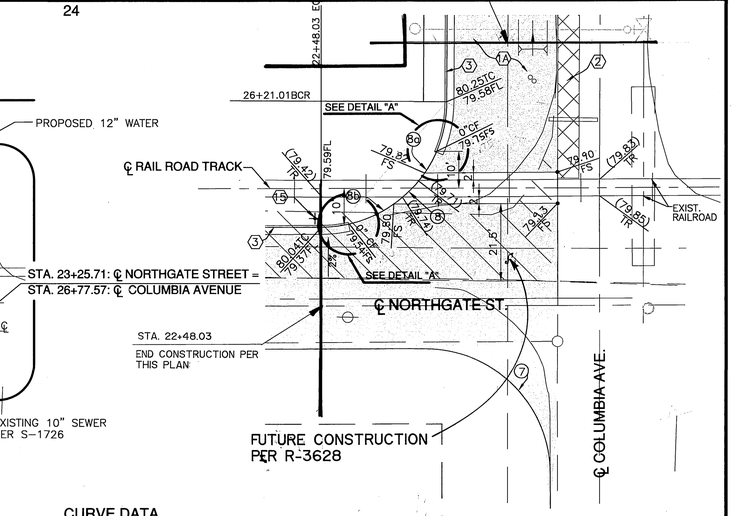
PROFILE SCALES
HORIZ.: 1"=40'
VERT. 1"=4'



NORTHGATE STREET

SCALE: 1" = 40'

40' 20' 0 20' 40' 80' 120'



RAIL ROAD DETAIL

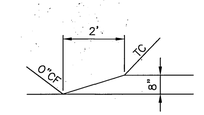
SCALE:1"=20'

CONSTRUCTION NOTES

1. CONSTRUCT 0.33' AC PAVEMENT OVER 0.63' CRUSHED AGGREGATE BASE
3. CONSTRUCT TYPE 1 CURB & GUTTER (8"C.F.) PER CITY OF RIVERSIDE STD. 200
6. REMOVE EXISTING PAVING
7. REMOVE EXISTING REDWOOD HEADER
10. INSTALL 2"x 6" REDWOOD HEADER
14. CONSTRUCT 6" ASPHALT CONCRETE BERM PER CITY OF RIVERSIDE STD. NO. 250
15. INSTALL STREET NAME SIGN PER CITY OF RIVERSIDE STD. DWG. NO. 662A

CURVE DATA

	DELTA	RADIUS	LENGTH	TANGENT
1	10°25'22"	1000.00'	181.91'	91.21'
2	06°59'10"	988.00'	120.47'	60.31'
3	10°25'22"	1022.00'	185.91'	93.21'
4	10°25'22"	1000.00'	181.91'	91.21'
5	10°25'22"	1012.00'	184.09'	92.30'
6	10°25'22"	978.00'	177.91'	89.20'
7	90°02'06"	35.00'	55.00'	35.02'
8	89°40'48"	35.00'	54.78'	34.81'
8a	23°15'34"	35.00'	14.21'	7.20'
8b	13°43'36"	35.00'	8.39'	4.21'



DETAIL "A"
NOT TO SCALE

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

BENCH MARK:
CITY OF RIVERSIDE B.M. J8-H3
LEAD AND TACK IN THE TOP OF NORTHWEST CORNER OF A CATCH BASIN ON THE SOUTHWEST CORNER OF PALMYRITA AVENUE AND NORTHGATE STREET – SOUTHERLY.
ELEV. 981.648

CITY OF RIVERSIDE
DOMESTIC WATER SYSTEM
APPROVED BY: 8/5/02 DATE

REGISTERED PROFESSIONAL ENGINEER ALLEN W. MARTIN No. C 38463 EXP. 3-31-05 CIVIL STATE OF CALIFORNIA

Southland Engineering
2200 BUSINESS WAY, Ste. 100
RIVERSIDE, CA. 92501
(909) 788-8488
PREPARED UNDER THE SUPERVISION OF
ALLEN W. MARTIN R.C.E. 38463 EXP. 3-31-05 DATE 8/5/02

MARK	REVISIONS	APPR.	DATE

DESIGNED BY JH DRAWN BY CV CHECKED BY RV

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

APPROVED BY	DATE	BY
PRINCIPAL ENGINEER	10/8/02	
PARK DEPARTMENT		
TRAFFIC DIVISION	10/17/02	
DEPUTY P.W. DIRECTOR		

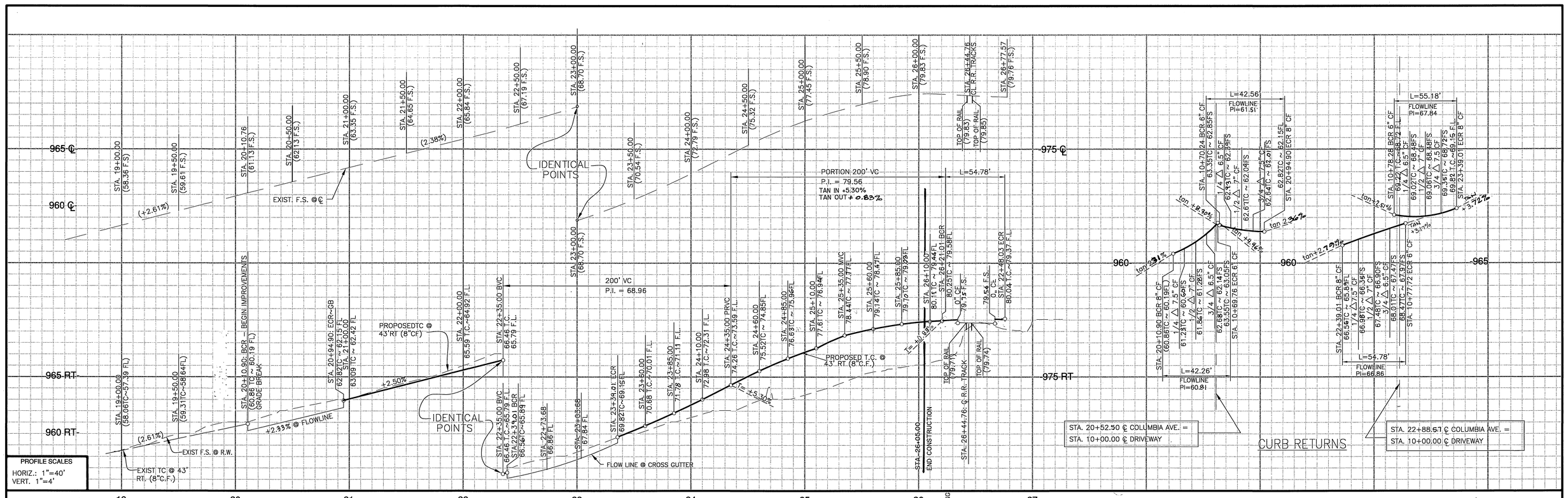
APPROVED BY
PUBLIC WORKS DIRECTOR
DATE 11/5/02

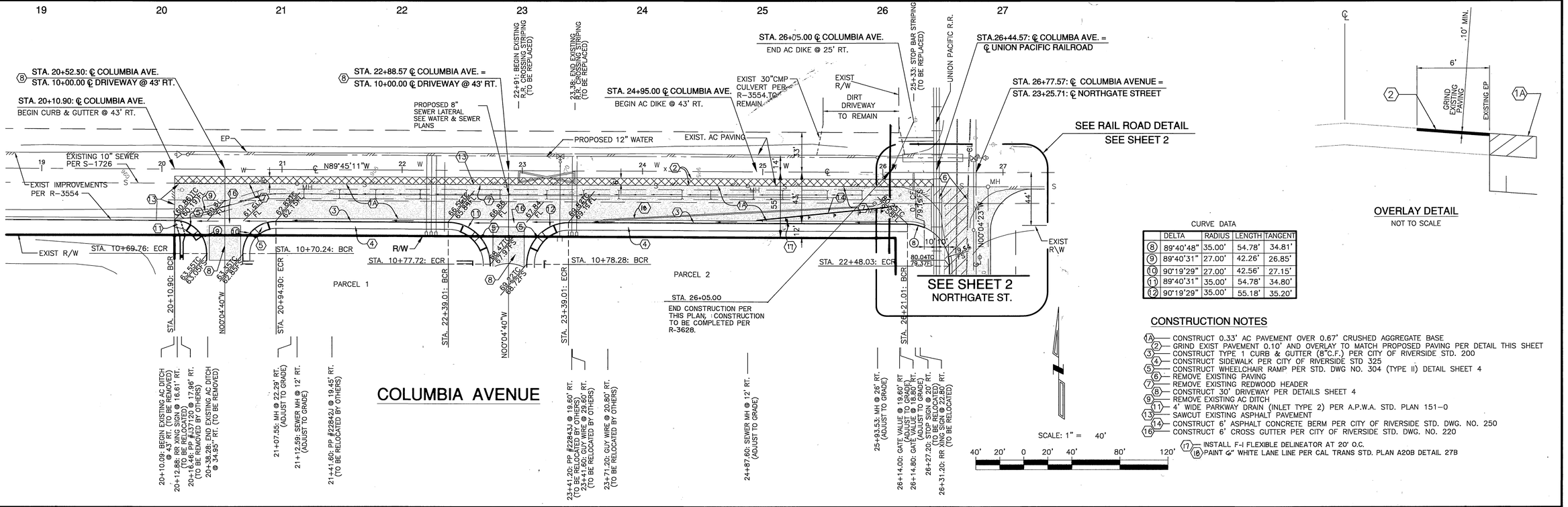
STREET IMPROVEMENTS PLAN & PROFILE
NORTHGATE STREET
STA 16+66.00 TO STA 23+25.71
PM 30325
HORIZ. SCALE: 1' = 40' VERT. SCALE: 1" = 4'

ACCOUNT NO. R-3664
SHEET 2 OF 4
WO 20159

INDEXED 11-18-02 GH

20159 (alt 02 street improvement northgate) 08-05-02 or





OVERLAY DETAIL
NOT TO SCALE

CURVE DATA

	DELTA	RADIUS	LENGTH	TANGENT
8	89°40'48"	35.00'	54.78'	34.81'
9	89°40'31"	27.00'	42.26'	26.85'
10	90°19'29"	27.00'	42.56'	27.15'
11	89°40'31"	35.00'	54.78'	34.80'
12	90°19'29"	35.00'	55.18'	35.20'

CONSTRUCTION NOTES

1A — CONSTRUCT 0.33' AC PAVEMENT OVER 0.67' CRUSHED AGGREGATE BASE
2 — GRIND EXIST PAVEMENT 0.10' AND OVERLAY TO MATCH PROPOSED PAVING PER DETAIL THIS SHEET
3 — CONSTRUCT TYPE 1 CURB & GUTTER (8"C.F.) PER CITY OF RIVERSIDE STD. 200
4 — CONSTRUCT SIDEWALK PER CITY OF RIVERSIDE STD 325
5 — CONSTRUCT WHEELCHAIR RAMP PER STD. DWG NO. 304 (TYPE II) DETAIL SHEET 4
6 — REMOVE EXISTING PAVING
7 — REMOVE EXISTING REDWOOD HEADER
8 — CONSTRUCT 30' DRIVEWAY PER DETAILS SHEET 4
9 — REMOVE EXISTING AC DITCH
11 — 4' WIDE PARKWAY DRAIN (INLET TYPE 2) PER A.P.W.A. STD. PLAN 151-0
13 — SAWCUT EXISTING ASPHALT PAVEMENT
14 — CONSTRUCT 6' ASPHALT CONCRETE BERM PER CITY OF RIVERSIDE STD. DWG. NO. 250
16 — CONSTRUCT 6' CROSS GUTTER PER CITY OF RIVERSIDE STD. DWG. NO. 220
17 — INSTALL F-I FLEXIBLE DELINEATOR AT 20' O.C.
18 — PAINT 4" WHITE LANE LINE PER CAL TRANS STD. PLAN A20B DETAIL 27B

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

BENCH MARK:
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LEAD AND TACK IN THE TOP OF NORTHWEST CORNER OF A CATCH BASIN ON THE SOUTHWEST CORNER OF PALMYRITA AVENUE AND NORTHGATE STREET – SOUTHERLY.
ELEV. 981.648

CITY OF RIVERSIDE
DOMESTIC WATER SYSTEM
APPROVED BY: 8/5/02 DATE

REGISTERED PROFESSIONAL ENGINEER — ALLEN W. MARTIN — No. C 38463 EXP. 3-31-05 — CIVIL — STATE OF CALIFORNIA

Southland Engineering
2200 BUSINESS WAY, Ste. 100
RIVERSIDE, CA. 92501
(909) 788-8488
PREPARED UNDER THE SUPERVISION OF
ALLEN W. MARTIN R.C.E. 38463 EXP. 3-31-05 — 8/5/02 DATE

MARK	REVISIONS	APPR.	DATE

DESIGNED BY JH DRAWN BY JH CHECKED BY RV

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

APPROVED BY	DATE	BY
PRINCIPAL ENGINEER	10/31/2002	
PARK DEPARTMENT		
TRAFFIC DIVISION	10/17/02	
DEPUTY, P.W. DIRECTOR		

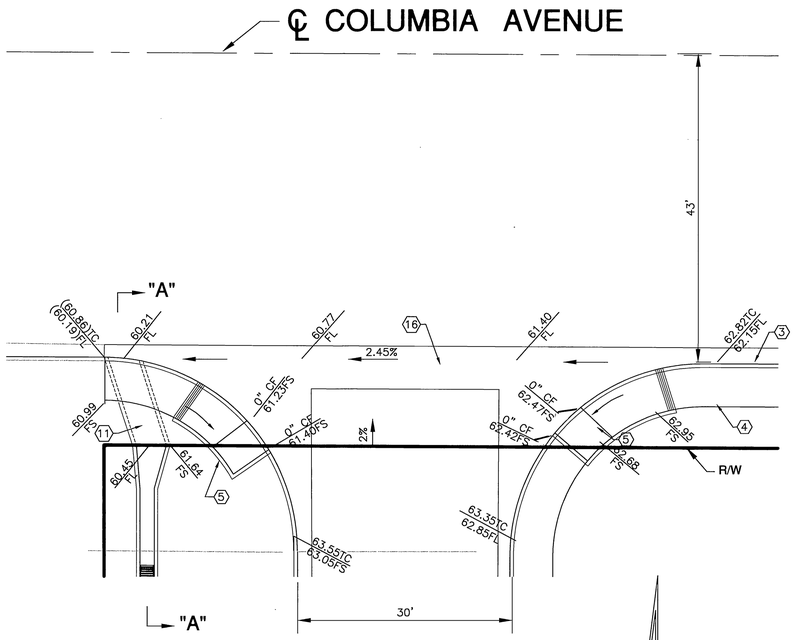
APPROVED BY
PUBLIC WORKS DIRECTOR
DATE 11/5/02

STREET IMPROVEMENTS PLAN & PROFILE
COLUMBIA AVENUE
PM 30325
FROM STA 20+10.90 TO STA 26+77.57
HORIZ. SCALE: 1' = 40' VERT. SCALE: 1" = 4'

ACCOUNT NO. R-3664
SHEET 3 OF 4
WO 20159

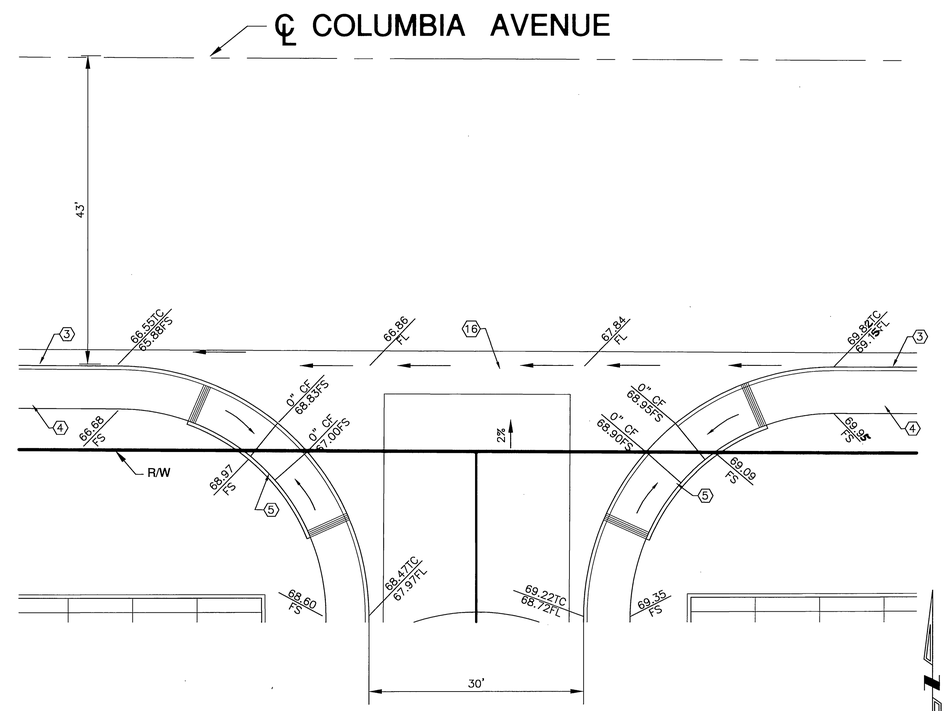
INDEXED 11-18-02 GH

20159 (sht 03 street improvements columbia) 08-05-02 ar



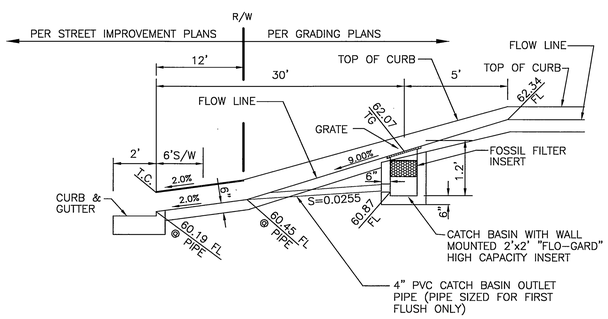
DRIVEWAY @ STA. 20+52.50 (8)

SCALE: 1" = 10'



DRIVEWAY @ STA. 22+88.57 (8)

SCALE: 1" = 10'



SECTION "A-A"

NOT TO SCALE

CONSTRUCTION NOTES

(3) — CONSTRUCT TYPE 1 CURB & GUTTER (8"C.F.) PER CITY OF RIVERSIDE STD. 200
(4) — CONSTRUCT SIDEWALK PER CITY OF RIVERSIDE STD 325
(5) — CONSTRUCT WHEELCHAIR RAMP PER STD. DWG NO. 304 (TYPE II)
(8) — CONSTRUCT 30' DRIVEWAY
(11) — 4' WIDE PARKWAY DRAIN (INLET TYPE 2) PER A.P.W.A. STD. PLAN 151-0
(16) — CONSTRUCT 6' CROSS GUTTER PER CITY OF RIVERSIDE STD. DWG. NO. 220

20159 (sht 4 street improvement plan-detail sheet) 08-05-02 or

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

BENCH MARK:

CITY OF RIVERSIDE B.M. J8-H3

LEAD AND TACK IN THE TOP OF NORTHWEST CORNER OF A CATCH BASIN ON THE SOUTHWEST CORNER OF PALMYRITA AVENUE AND NORTHGATE STREET - SOUTHERLY.

ELEV. 981.648

REGISTERED PROFESSIONAL ENGINEER — ALLEN W. MARTIN — No. C 38463 EXP. 3-31-05 — CIVIL — STATE OF CALIFORNIA

Southland Engineering
2200 BUSINESS WAY, Ste. 100
RIVERSIDE, CA 92501
(909) 788-8488

PREPARED UNDER THE SUPERVISION OF
ALLEN W. MARTIN
R.C.E. 38463 EXP. 3-31-05
DATE 8/5/02

MARK	REVISIONS	APPR.	DATE

DESIGNED BY ____ DRAWN BY ____ CHECKED BY ____

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

APPROVED BY	DATE	BY
PRINCIPAL ENGINEER	10/21/2002	
PARK DEPARTMENT		
TRAFFIC DIVISION	10/17/02	
DEPUTY P.W. DIRECTOR		

APPROVED BY
PUBLIC WORKS DIRECTOR
DATE 11/15/02

STREET IMPROVEMENTS PLAN & PROFILE
PM 30325
COLUMBIA AVENUE
DETAIL SHEET

SCALE: AS NOTED

ACCOUNT NO. R-3664
SHEET 4 OF 4
20159

INDEXED 11-18-02 yH