RIVERSIDE CALIFORNIA

CITY OF RIVERSIDE — INCORPORATED 1883

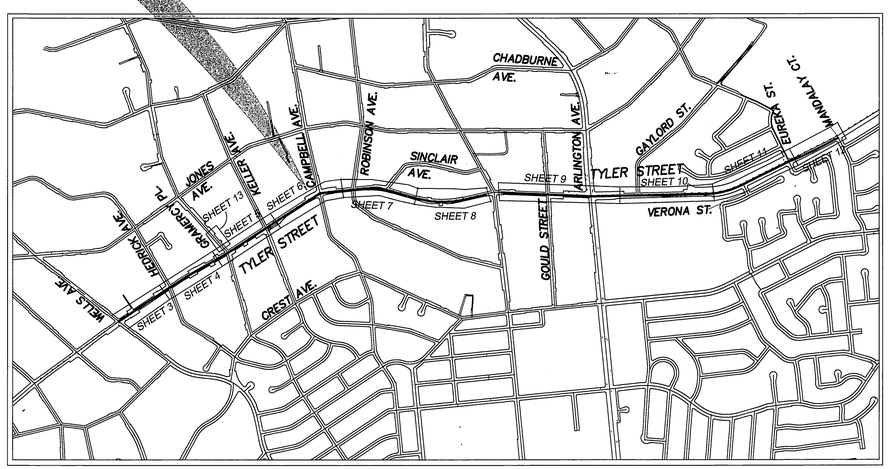
PUBLIC WORKS DEPARTMENT
TYLER STREET WIDENING
FROM WELLS AVENUE
TO MANDALAY COURT

SPECIFIC CONSTRUCTION NOTES

- NUMBERS ABOVE 100 IN A HEXAGON ON THE PLAN REFER TO THE RESPECTIVE STANDARD DRAWING AND SHALL BE CONSTRUCTED ACCORDINGLY. UNLESS MODIFICATIONS ARE NOTED ON THE PLAN OR COVER SHEET. ANY NUMBER SHOWN BELOW THE STANDARD DRAWING NUMBER INDICATES THE SPECIFIC ALTERNATE TO BE CONSTRUCTED.
- ADJ — ADJUST SEWER, STORM DRAIN, ELECTRIC OR WATER MANHOLE OR GATE VALVE TO GRADE. ADJUSTMENT TO GRADE OR RELOCATION OF GAS & TELEPHONE COMPANY'S FACILITIES WILL BE DONE BY OTHERS.
- CC — CONNECT NEW AND EXISTING 2" CONDUIT. REMOVE ALL CONDUCTORS BETWEEN PULL BOX (ADJACENT TO ADVANCED LOOPS) AND CONTROLLER CABINET, AND INSTALL NEW IDLC AND OLD CONDUCTORS.
- C/Sa — CONSTRUCT STRUCTURAL SECTION OF 0.40' OF AC OVER 1.15' C.A.B.
- C/Sb — CONSTRUCT STRUCTURAL SECTION OF 0.40' OF AC OVER 1.55' C.A.B.
- C/Sc — CONSTRUCT STRUCTURAL SECTION OF 0.40' OF AC OVER 1.30' C.A.B.
- C/S1 — CONSTRUCT 1' WIDE BY 1.17' FULL DEPTH AC OVER COMPACTED NATIVE STRUCTURAL SECTION PER TYPICAL SECTION
- E — POWER POLE TO BE RELOCATED BY CITY OF RIVERSIDE
- G1 — COLD MILL PAVEMENT TO A DEPTH OF 0.10' BELOW GUTTER LIP AND DAYLIGHT TO MEET EXISTING PAVEMENT IN 5.0 FT.
- FH — FIRE HYDRANT TO BE RELOCATED BY THE P.U. WATER DIVISION PRIOR TO CONSTRUCTION
- TDL/5 — TRAFFIC DETECTOR LOOP INSTALLATIONS. NUMBER OF DETECTOR LOOPS.
- OL/VAR — CONSTRUCT VARIABLE THICKNESS D.G.A.C. OVERLAY (0.1' MINIMUM THICKNESS)
- W — WATER METER TO BE RELOCATED BY PUBLIC UTILITIES DEPARTMENT, WATER DIVISION.
- A/3 — INDICATES DETAIL / INDICATES SHEET NO.
- 15–17 L=XX' — DISTANCE MEASURED FROM BACK OF SIDEWALK.

1. RELOCATE EXISTING PICKET FENCE TO BEHIND PROPOSED IMPROVEMENTS.
2. RELOCATE EXISTING CHAIN LINK FENCE TO BEHIND PROPOSED IMPROVEMENTS.
3. RELOCATE EXISTING WOOD FENCE TO BEHIND PROPOSED IMPROVEMENTS.
4. REMOVE EXISTING POLE RETAINING WALL.
5. RELOCATE EXISTING TUBE RAILING TO BEHIND PROPOSED IMPROVEMENTS.
6. RELOCATE EXISTING METAL POSTS TO BEHIND PROPOSED IMPROVEMENTS.
7. RELOCATE EXISTING SLIDE GATE TO BEHIND PROPOSED IMPROVEMENTS.
8. RELOCATE EXISTING ROLLER GATE TO BEHIND PROPOSED IMPROVEMENTS.
9. RELOCATE EXISTING WROUGHT IRON GATE TO BEHIND PROPOSED IMPROVEMENTS.
10. REMOVE PICKET FENCE.
11. RELOCATE EXISTING SWING GATE TO BEHIND PROPOSED IMPROVEMENTS.
12. RELOCATE EXISTING MASONRY BLOCK & WROUGHT IRON FENCE TO BEHIND PROPOSED IMPROVEMENTS.
13. RELOCATE EXISTING CHAIN LINK FENCE ON MASONRY BLOCKS TO BEHIND PROPOSED IMPROVEMENTS.
14. RELOCATE EXISTING BARBED WIRE FENCE TO BEHIND PROPOSED IMPROVEMENTS.
15. CONSTRUCT 6" THICK P.C.C. DRIVEWAY PER LIMITS AND LENGTHS SHOWN.
16. REGRADE EXISTING DIRT DRIVEWAY PER LIMITS AND LENGTHS SHOWN.
17. CONSTRUCT 4" THICK A.C. DRIVEWAY PER LIMITS AND LENGHTS SHOWN.
18. CONSTRUCT 4" A.C. PAVEMENT ON 95% COMPACTED NATIVE.
19. SEE SIGNING AND STRIPING PLANS FOR DETAILS.
20. SEE TRAFFIC SIGNAL PLANS FOR DETAILS.
21. REMOVE EXISTING DRIVEWAY APPROACH.
22. REMOVE EXISTING CURB AND GUTTER.
23. RELOCATE PALM TREE AS DIRECTED BY ENGINEER.
24. CONSTRUCT RETAINING CURB WALL PER DETAIL ON SHEET 2.
25. CONSTRUCT BUS PAD PER DETAIL ON SHEET 13.
26. CONSTRUCT 10' LONG A.C. BERM PER CITY STANDARD NO 250 TYPE I AT EDGE PAVEMENT. JOIN TOP OF CURB AND TRANSITION TO 0".
27. REMOVE EXISTING P.C.C. DRIVEWAY LENGTH SHOWN ON PLAN.
28. REMOVE AND RECONSTRUCT EXISTING ROLLER GATE PER DETAIL ON SHEET 2.
29. CONSTRUCT STACKED BLOCK RETAINING WALL PER DETAIL ON SHEET 2.
30. CONSTRUCT FENCE PER FENCE DETAIL ON SHEET 10.
31. CONSTRUCT METAL HAND RAILINGS PER A.P.W.A. STANDARD PLAN NO. 606–1 TYPE A.
32. CONSTRUCT SIDEWALK IN KIND FROM TEMPORARY CONSTRUCTION EASEMENT TO PROPOSED BACK OF WALK.
33. CONSTRUCT WALL PER SECTION C–C ON SHEET 10.
34. CONSTRUCT RETAINING WALL–6" TOE PER CITY OF RIVERSIDE BUILDING DIVISION STANDARD DETAIL.

PROJECT LOCATION



PROJECT LOCATION MAP

SCALE: 1"=1000'

SHEET INDEX

SHEET	DESCRIPTION
1	COVERSHEET
2	TYPICAL SECTIONS AND DETAIL SHEET
3–12	STREET IMPROVEMENTS
13	DETAIL SHEET AND GRAMERCY PLACE
XL–480	STRIPING PLANS
X–429A	TRAFFIC SIGNAL PLAN AT TYLER STREET AND WELLS AVENUE
X–514	TRAFFIC SIGNAL PLAN AT TYLER STREET AND GRAMERCY PLACE
X–483A	TRAFFIC SIGNAL PLAN AT TYLER STREET AND KELLER AVENUE
X–428A	TRAFFIC SIGNAL PLAN AT TYLER STREET AND ARLINGTON AVENUE
X–513	TRAFFIC SIGNAL PLAN AT TYLER STREET AND CAMPBELL AVENUE
D–734	WELLS AVENUE STORM DRAIN PLANS
R–3575 L	LANDSCAPE PLANS

CONSTRUCTION LEGEND

CENTER LINE — RIGHT–OF–WAY — SUBDIVISION LOT LINE — TOP OF SLOPE — TOE OF SLOPE — DIRECTION OF FLOW

EXISTING UNDERGROUND & TOPOGRAPHY LEGEND

EXISTING UNDERGROUND UTILITIES:

SANITARY SEWER 8"S
WATER LINE 6"W
STORM DRAIN 24"SD
GAS LINE 3"G
ABANDONDED UTILITY 6"G(ABAN'D.)
ELECTRIC OVERHEAD O
TELEPHONE CONDUIT T
ELECTRICAL CONDUIT E
ELECTROLIER LIGHTING CONDUIT ELC
TRAFFIC SIGNAL SIG
FIRE ALARM F
TELEVISION OVERHEAD TVOH

EXISTING TOPOGRAPHY:

BLOCK WALL
BOARD FENCE
WIRE FENCE
CHAIN LINK FENCE
TOP OF SLOPE
TOE OF SLOPE
DIRECTION OF FLOW
OVERHEAD UTILITY

SANITARY SEWER M.H.
SANITARY SEWER CLEANOUT
STORM DRAIN M.H.
IRRIGATION WEIR
WATER M.H.
GAS M.H.
ELECTRIC M.H.
TELEPHONE M.H.
WATER METER
FIRE HYDRANT
SPRINKLER HEAD
VALVE
AIR VALVE
AIR VENT
BUS STOP SIGN
BLOW–OFF VALVE
IRRIGATION STAND PIPE
POLE & GUY ANCHOR
POWER POLE
TELEPHONE POLE
TELEPHONE RISER
JOINT USE POLE
PULL BOX
TRAFFIC SIGN
FIRE ALARM BOX
STREET NAME SIGN
GAS METER
MAIL BOX
FAUCET
WALK–DON'T WALK PEDESTRIAN SIGNAL
ELECTROLYSIS TEST STATION
PEDESTRIAN PUSH BUTTON
TRAFFIC SIGNAL
TRAFFIC SIGNAL ON MAST ARM
TRAFFIC SIGNAL CONTROLLER
TRAFFIC SIGNAL LOOP DETECTOR
STREET LIGHT & TRAFFIC SIGNAL ON MAST ARM
STREET LIGHT (UPRIGHT)
STREET LIGHT ON MAST ARM
STEEL POST
WOOD POST
WHEEL STOP
A.C. BERM
CONCRETE
ASPHALT
BUILDING
EDGE OF PAVEMENT

GENERAL CONSTRUCTION NOTES

1. EXISTING UTILITIES SHOWN ON THIS PLAN ARE PLOTTED FROM UTILITY RECORDS. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO LOCATE AND PROTECT ALL UTILITIES WHETHER OR NOT SHOWN ON THIS PLAN. IF THE COVER OF A UTILITY IS KNOWN, IT IS SHOWN IN THE PROFILE. UTILITIES SHOWN IN THE PROFILE AS —f— INDICATES THAT THE COVER IS UNKNOWN, BUT THE UTILITY IS NOT EXPECTED TO CONFLICT WITH THE PROPOSED IMPROVEMENTS.
2. ALL ELEVATIONS SHOWN ON THE PLANS SHALL BE STAKED IN THE FIELD.
3. CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF RIVERSIDE STANDARD DWGS AND STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, CURRENT EDITION.
4. 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.
5. 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.
6. SEE "STREET LIGHTING PLANS" FOR QUANTITY AND LOCATION OF REQUIRED STREET LIGHTS.
7. 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.
8. 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.

LEGEND

- PROPOSED RETAINING CURB WALL
- PROPOSED RETAINING WALL
- COLD MILL PAVEMENT
- REMOVE AND CONSTRUCT STRUCTURAL SECTION PER PLAN
- PROPOSED CURB & GUTTER, SIDEWALK AND BUS PAD

BM: G2–E2 1–1/4" I.P. IN A CAPPED WELL MONUMENT AT THE INTERSECTION OF ARLINGTON AVE. AND TYLER ST. ELEV.: 779.118

PRIVATE ENGINEERING NOTE:
CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS. DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND CONSTRUCTION CONTRACTOR FURTHER AGREES TO DEFEND, IMDEMNIFY AND HOLD DESIGN PROFESSIONAL HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE DESIGN PROFESSIONAL.

REGISTERED PROFESSIONAL ENGINEER — STEVE J. HOSFORD — NO. 42280 — EXP. 03/31/04 — CIVIL — STATE OF CALIFORNIA

DESIGNED BY:	DRAWN BY:	CHECKED BY:
AE/JP	AE/GS	SJH

PLANS PREPARED UNDER THE SUPERVISION OF:

STEVE J. HOSFORD RCE 42280 — 10-31-03 DATE

AEI·CASC ENGINEERING
937 SOUTH VIA LATA
SUITE 500
COLTON, CA 92324
PH. (909) 783–0101 FAX (909) 783–0108

Underground Service Alert — CALL BEFORE YOU DIG — Call: TOLL FREE 1–800 227–2600 — TWO WORKING DAYS BEFORE YOU DIG

MARK	REVISIONS	APPR.	DATE

DESIGNED BY: AE/JP DRAWN BY: AE/GS CHECKED BY: SJH

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

APPROVED BY	BY	DATE
PRINCIPAL ENGINEER		11/13/03
TRAFFIC ENGINEER		11/13/03
PARKS DEPARTMENT		—
INSPECTION		11/13/03
SURVEYOR		11/14/03
STREET SERVICES		11/14/03

APPROVED BY: CITY ENGINEER — DATE: 12/11/03

TYLER STREET WIDENING
FROM WELLS AVENUE TO MANDALAY COURT

ACCT. NO. 9534630214–440302XX

R-3575

SHEET 1 OF 13

FILE NO.

INDEXED 5-24-04 GH

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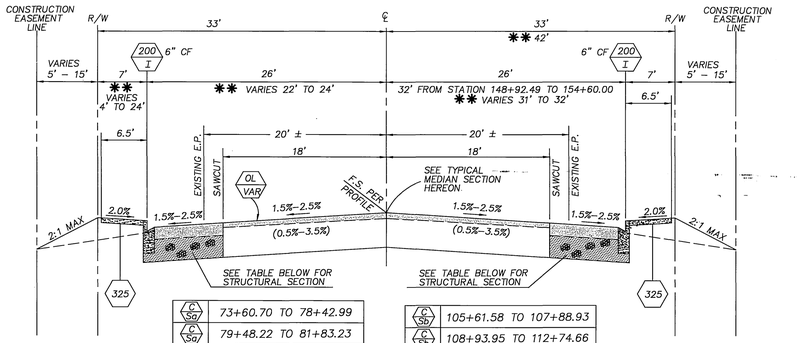


C Sa	73+60.70 TO 78+42.99
C Sa	79+48.22 TO 81+83.23
C Sa	85+00.00 TO 87+80.60
C Sa	88+80.29 TO 92+40.04
C Sa	98+20.00 TO 103+12.94

C Sb	105+61.58 TO 107+88.93
C Sb	108+93.95 TO 112+74.66
C Sb	113+68.52 TO 124+34.35
C Sb	145+76.00 TO 148+02.49 **
C Sb	148+92.49 TO 154+60.00

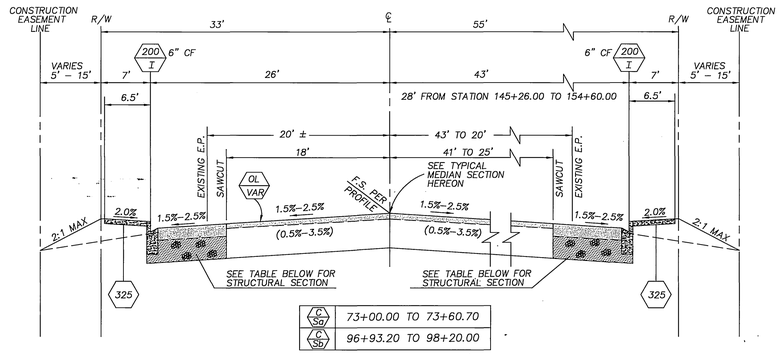
FULL SECTION RECONSTRUCTION FROM 149+00 TO 156+00 (1)

TYPICAL SECTION

N.T.S.
T.I. = 8.5

NOTE

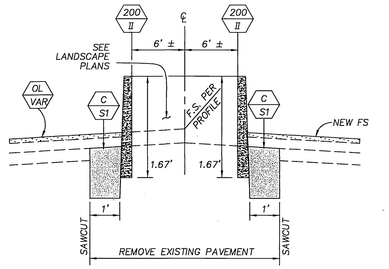
(1) FOR ALL TYPICAL SECTIONS ON THIS SHEET, REFER TO SHEETS 3-12 FOR AC PAVEMENT REMOVAL & REPLACEMENT.



C Sa	73+00.00 TO 73+60.70
C Sb	96+93.20 TO 98+20.00

TYPICAL SECTION

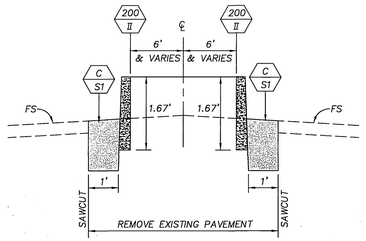
N.T.S.
T.I. = 8.5



73+35.00 TO 74+35.00	110+65.50 TO 110+84.50
84+49.00 TO 85+49.00	113+99.00 TO 114+56.00
91+12.00 TO 91+93.00	137+82.00 TO 138+82.00
99+89.00 TO 100+89.00	144+92.00 TO 146+18.00
106+00.00 TO 106+10.00	172+77.00 TO 173+37.00

TYPICAL MEDIAN SECTION

N.T.S.

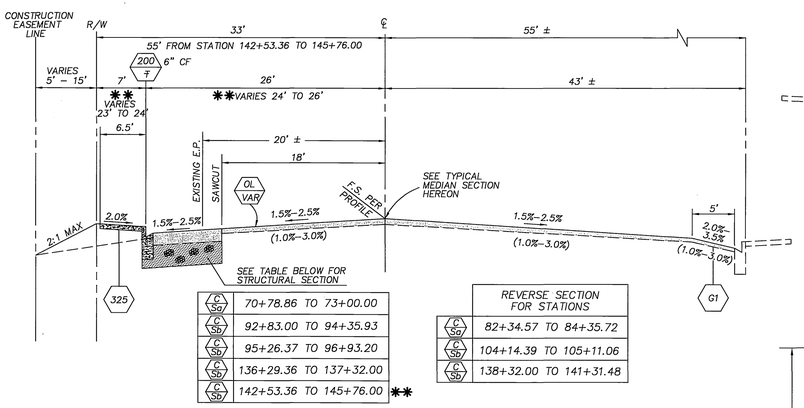


NOTE: MEDIAN TOP OF CURB ELEVATION TO BE DETERMINED BY 0.67' FT. MEASUREMENT FROM FINISHED SURFACE ALONG MEDIAN CURB FACE

66+55.00 TO 69+60.00

TYPICAL MEDIAN SECTION SOUTH OF WELLS AVENUE

N.T.S.

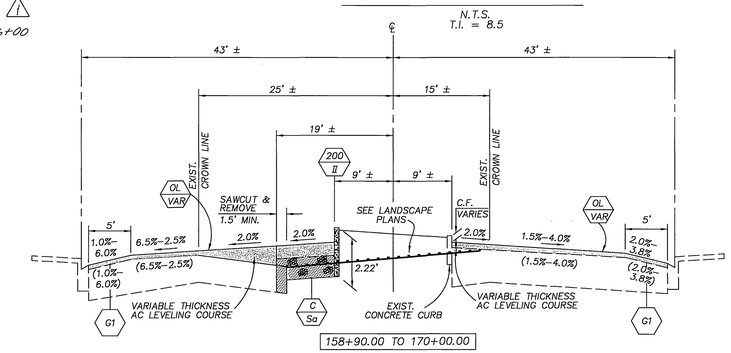


C Sa	70+78.86 TO 73+00.00
C Sb	92+83.00 TO 94+35.93
C Sb	95+26.37 TO 96+93.20
C Sb	136+29.36 TO 137+32.00
C Sb	142+53.36 TO 145+76.00 **

REVERSE SECTION FOR STATIONS
82+34.57 TO 84+35.72
104+14.39 TO 105+11.06
138+32.00 TO 141+31.48

TYPICAL SECTION

N.T.S.
T.I. = 8.5



158+90.00 TO 170+00.00

TYPICAL SECTION

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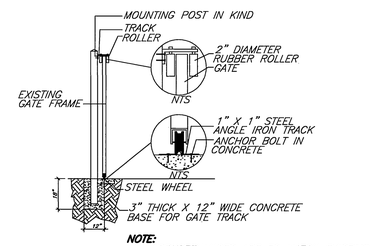
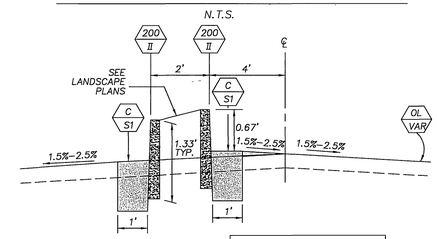
T.I. = 8.5



NOTE:
ALL APPURTENANCES ARE TO MATCH EXISTING.

ROLLER GATE DETAIL

N.T.S.



86+39.00 TO 87+74.00	
92+83.00 TO 94+23.00	
101+79.00 TO 103+29.00	
107+00.00 TO 107+90.50	
111+74.50 TO 112+60.50	
139+72+00 TO 141+27.90	
147+08.00 TO 174+81.50	

REVERSE SECTION FOR STATIONS
70+89.00 TO 72+44.00
89+11.00 TO 90+22.00
95+13.50 TO 96+65.00
104+46.00 TO 105+11.06
108+93.50 TO 109+79.00
142+52.50 TO 144+02.00

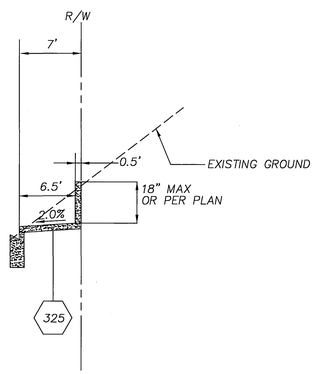
TYPICAL LEFT TURN POCKET MEDIAN SECTION

N.T.S.

170+98.64 TO 174+00.00

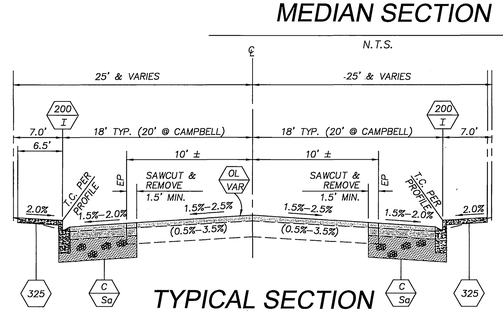
TYPICAL SECTION

N.T.S.
T.I. = 8.5



RETAINING CURB WALL DETAIL

N.T.S.



TYPICAL SECTION INTERSECTING STREETS

N.T.S.
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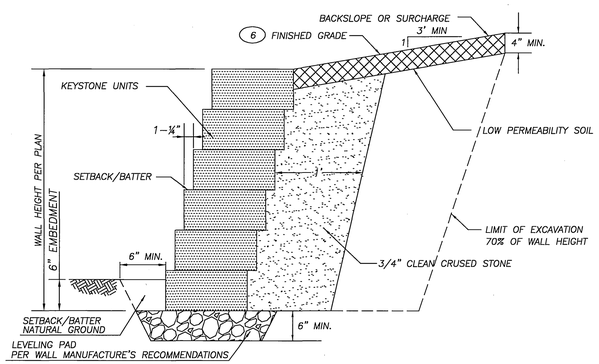

STACKED BLOCK RETAINING WALL DETAIL

N.T.S.

TYLER STREET REMOVAL AND ADJUSTMENT QUANTITIES

SHEET NO.	GAS VALVE	WATER GATE VALVE	SEWER MANHOLES	STORM-DRAIN MANHOLES	ELECTRIC MANHOLES	TELEPHONE MANHOLES	GAS METER	WATER METER	FIRE HYDRANTS	TREES CLASS 1	TREES CLASS 2	TREES CLASS 3
	ADJUSTMENTS							RELOCATIONS		REMOVAL		
3	0	2	1	0	0	1	0	3	0	1	0	0
4	2	4	5	0	0	0	0	15	2	4	2	1
5	0	13	3	1	0	0	0	12	3	12	1	1
6	1	7	4	0	0	0	1	10	1	12	2	0
7	0	9	4	0	0	0	0	11	3	6	4	1
8	0	3	5	0	0	0	0	21	2	5	3	1
9	1	16	7	2	0	0	0	5	0	0	0	0
10	0	4	2	0	0	0	0	2	1	6	3	0
11	0	5	1	0	1	0	0	0	0	0	0	0
12	0	1	1	1	0	0	0	0	0	0	0	0

CONSTRUCTION NOTES

(5) ALL BACKFILL MATERIALS ARE COMPACTED TO 95% MAX. DENSITY.

(6) FINISHED GRADE MUST PROVIDE POSITIVE DRAINAGE.

OL VAR	CONSTRUCT VARIABLE THICKNESS D.G.A.C. OVERLAY (0.1' MINIMUM THICKNESS)
C S1	CONSTRUCT 1' WIDE BY 1.17' FULL DEPTH AC OVER COMPACTED NATIVE STRUCTURAL SECTION PER TYPICAL SECTION
G1	COLD MILL PAVEMENT TO A DEPTH OF 0.10' BELOW GUTTER LIP AND DAYLIGHT TO MEET EXISTING PAVEMENT IN 5.0 FT.
C Sa	CONSTRUCT STRUCTURAL SECTION OF 0.40' OF AC OVER 1.15' C.A.B.
C Sb	CONSTRUCT STRUCTURAL SECTION OF 0.40' OF AC OVER 1.55' C.A.B.
C Sc	CONSTRUCT STRUCTURAL SECTION OF 0.40' OF AC OVER 1.30' C.A.B.

PRIVATE ENGINEERING NOTE:
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REGISTERED PROFESSIONAL ENGINEER STEVE J. HOSFORD NO. 42280 EXP. 03/31/04 CIVIL STATE OF CALIFORNIA

DESIGNED BY:	DRAWN BY:	CHECKED BY:
AE/JP	AE/GS	SJH

PLANS PREPARED UNDER THE SUPERVISION OF:
STEVE J. HOSFORD RCE 42280 — DATE 10-31-03

AEI·CASC ENGINEERING
937 SOUTH VIA LATA
SUITE 500
COLTON, CA 92324
PH. (909) 783-0101 FAX (909) 783-0108

Underground Service Alert
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1-800
227-2600
TWO WORKING DAYS BEFORE YOU DIG

MARK	REVISIONS	APPR.	DATE
1	FULL RECONSTRUCTION, STA 149+00 TO 156+00	SJH	11/4/04
	ADDED NOTE.	DK	

DESIGNED BY: AE/JP DRAWN BY: AE/GS CHECKED BY: SJH

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

APPROVED BY	BY	DATE
PRINCIPAL ENGINEER		11/12/03
TRAFFIC ENGINEER		11/13/03
PARKS DEPARTMENT	—	—
INSPECTION		11/13/03
SURVEYOR		11/18/03
STREET SERVICES		11/11/03

APPROVED BY: CITY ENGINEER
DATE: 12/4/03

TYLER STREET WIDENING
TYPICAL SECTION AND DETAIL SHEET

ACCT. NO. 9534630214-440302XX
R-3575
SHEET 2 OF 13
FILE NO.

INDEXED 5-24-04

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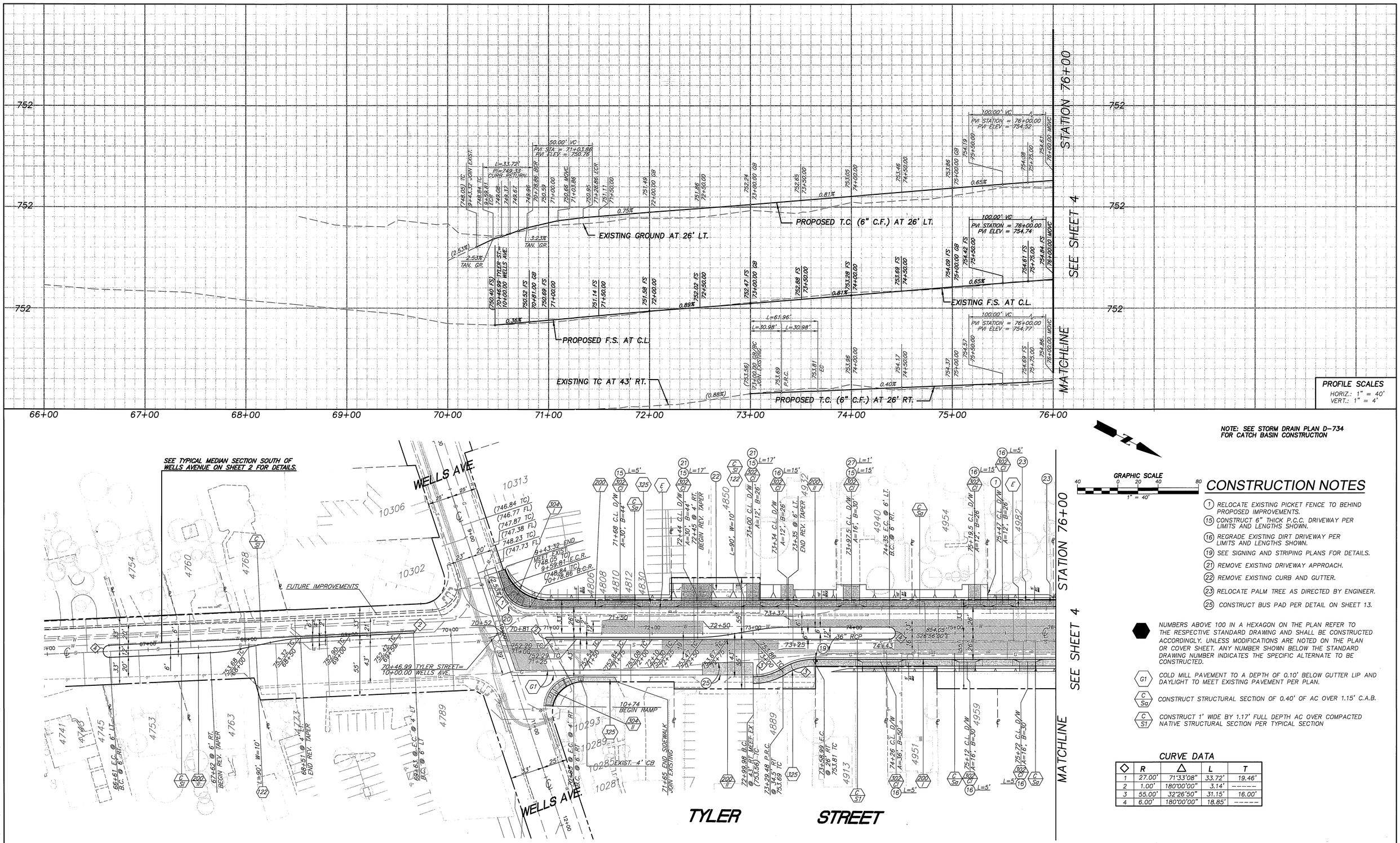

PROFILE SCALES
HORIZ.: 1" = 40'
VERT.: 1" = 4'

NOTE: SEE STORM DRAIN PLAN D-734 FOR CATCH BASIN CONSTRUCTION

SEE TYPICAL MEDIAN SECTION SOUTH OF WELLS AVENUE ON SHEET 2 FOR DETAILS.

GRAPHIC SCALE
40 0 20 40 80
1" = 40'

CONSTRUCTION NOTES

1. RELOCATE EXISTING PICKET FENCE TO BEHIND PROPOSED IMPROVEMENTS.
15. CONSTRUCT 6" THICK P.C.C. DRIVEWAY PER LIMITS AND LENGTHS SHOWN.
16. REGRADE EXISTING DIRT DRIVEWAY PER LIMITS AND LENGTHS SHOWN.
19. SEE SIGNING AND STRIPING PLANS FOR DETAILS.
21. REMOVE EXISTING DRIVEWAY APPROACH.
22. REMOVE EXISTING CURB AND GUTTER.
23. RELOCATE PALM TREE AS DIRECTED BY ENGINEER.
25. CONSTRUCT BUS PAD PER DETAIL ON SHEET 13.

NUMBERS ABOVE 100 IN A HEXAGON ON THE PLAN REFER TO THE RESPECTIVE STANDARD DRAWING AND SHALL BE CONSTRUCTED ACCORDINGLY. UNLESS MODIFICATIONS ARE NOTED ON THE PLAN OR COVER SHEET. ANY NUMBER SHOWN BELOW THE STANDARD DRAWING NUMBER INDICATES THE SPECIFIC ALTERNATE TO BE CONSTRUCTED.

G1 — COLD MILL PAVEMENT TO A DEPTH OF 0.10' BELOW GUTTER LIP AND DAYLIGHT TO MEET EXISTING PAVEMENT PER PLAN.

C Sa — CONSTRUCT STRUCTURAL SECTION OF 0.40' OF AC OVER 1.15' C.A.B.

C S1 — CONSTRUCT 1' WIDE BY 1.17' FULL DEPTH AC OVER COMPACTED NATIVE STRUCTURAL SECTION PER TYPICAL SECTION

CURVE DATA

◇	R	△	L	T
1	27.00'	71°33'08"	33.72'	19.46'
2	1.00'	180°00'00"	3.14'	-----
3	55.00'	32°26'50"	31.15'	16.00'
4	6.00'	180°00'00"	18.85'	-----

REGISTERED PROFESSIONAL ENGINEER STEVE J. HOSFORD NO. 42280 EXP. 03/31/04 CIVIL STATE OF CALIFORNIA

DESIGNED BY:	DRAWN BY:	CHECKED BY:
AE/JP	AE/GS	SJH

PLANS PREPARED UNDER THE SUPERVISION OF:

STEVE J. HOSFORD RCE 42280 — 10-31-03 DATE

AEI·CASC ENGINEERING
937 SOUTH VIA LATA
SUITE 500
COLTON, CA 92324
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MARK	REVISIONS	APPR.	DATE

DESIGNED BY: AE/JP DRAWN BY: AE/GS CHECKED BY: SJH

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

APPROVED BY	BY	DATE
PRINCIPAL ENGINEER		11/26/03
TRAFFIC ENGINEER		11/21/03
PARKS DEPARTMENT		
INSPECTION		11/13/03
SURVEYOR		11/13/03
STREET SERVICES		11/6/03

APPROVED BY: CITY ENGINEER
DATE: 12/4/03

TYLER STREET WIDENING

FROM STATION: 65+00
TO STATION: 76+00

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

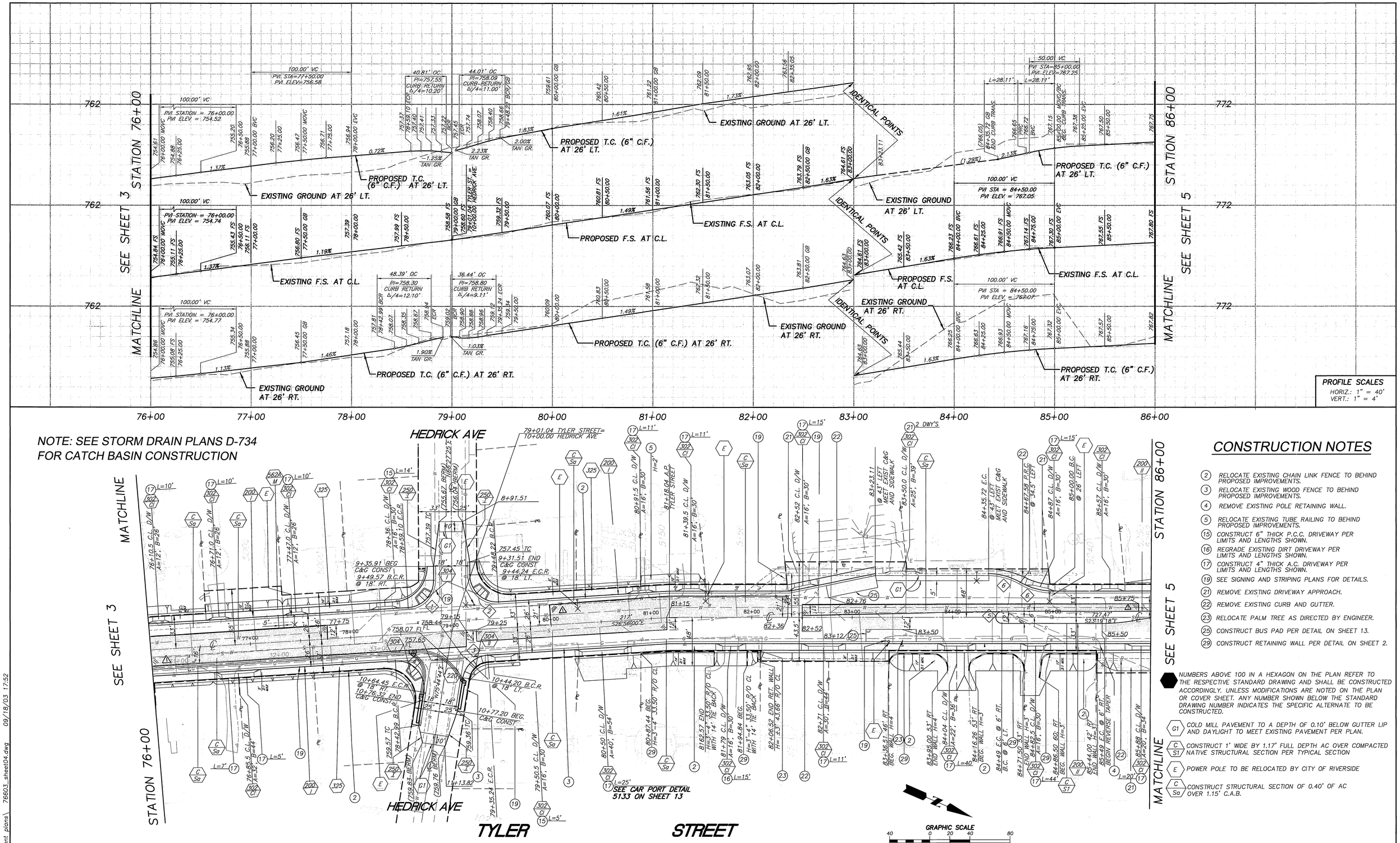
ACCT. NO. 9534630214-4403020XX

R-3575

SHEET 3 OF 13

FILE NO.

INDEXED 5-24-04 4d



CONSTRUCTION NOTES

- (2) RELOCATE EXISTING CHAIN LINK FENCE TO BEHIND PROPOSED IMPROVEMENTS.
- (3) RELOCATE EXISTING WOOD FENCE TO BEHIND PROPOSED IMPROVEMENTS.
- (4) REMOVE EXISTING POLE RETAINING WALL.
- (5) RELOCATE EXISTING TUBE RAILING TO BEHIND PROPOSED IMPROVEMENTS.
- (15) CONSTRUCT 6" THICK P.C.C. DRIVEWAY PER LIMITS AND LENGTHS SHOWN.
- (16) REGRADE EXISTING DIRT DRIVEWAY PER LIMITS AND LENGTHS SHOWN.
- (17) CONSTRUCT 4" THICK A.C. DRIVEWAY PER LIMITS AND LENGTHS SHOWN.
- (19) SEE SIGNING AND STRIPING PLANS FOR DETAILS.
- (21) REMOVE EXISTING DRIVEWAY APPROACH.
- (22) REMOVE EXISTING CURB AND GUTTER.
- (23) RELOCATE PALM TREE AS DIRECTED BY ENGINEER.
- (25) CONSTRUCT BUS PAD PER DETAIL ON SHEET 13.
- (29) CONSTRUCT RETAINING WALL PER DETAIL ON SHEET 2.

NUMBERS ABOVE 100 IN A HEXAGON ON THE PLAN REFER TO THE RESPECTIVE STANDARD DRAWING AND SHALL BE CONSTRUCTED ACCORDINGLY. UNLESS MODIFICATIONS ARE NOTED ON THE PLAN OR COVER SHEET. ANY NUMBER SHOWN BELOW THE STANDARD DRAWING NUMBER INDICATES THE SPECIFIC ALTERNATE TO BE CONSTRUCTED.

- (G1) COLD MILL PAVEMENT TO A DEPTH OF 0.10' BELOW GUTTER LIP AND DAYLIGHT TO MEET EXISTING PAVEMENT PER PLAN.
- (C S1) CONSTRUCT 1' WIDE BY 1.17' FULL DEPTH AC OVER COMPACTED NATIVE STRUCTURAL SECTION PER TYPICAL SECTION
- (E) POWER POLE TO BE RELOCATED BY CITY OF RIVERSIDE
- (C Sa) CONSTRUCT STRUCTURAL SECTION OF 0.40' OF AC OVER 1.15' C.A.B.

CURVE DATA

◇	R	△	L	T
1	27.00'	86°36'35"	40.81'	25.45'
2	27.00'	93°23'25"	44.01'	28.65'
3	27.00'	77°19'15"	36.44'	21.60'
4	27.00'	102°40'45"	48.39'	33.75'
5	6.00'	180°00'00"	18.85'	-----
6	65.00'	29°57'00"	32.45	17.39'

REGISTERED PROFESSIONAL ENGINEER STEVE J. HOSFORD NO. 42280 EXP. 03/31/04 CIVIL STATE OF CALIFORNIA

DESIGNED BY:	DRAWN BY:	CHECKED BY:
AE/JP	AE/GS	SJH

PLANS PREPARED UNDER THE SUPERVISION OF:

STEVE J. HOSFORD RCE 42280 — DATE 10-31-03

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227-2600
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MARK	REVISIONS	APPR.	DATE
1	CLARIFY AC LOCATION LIMITS.	PH	9/16/04

DESIGNED BY: AE/JP DRAWN BY: AE/GS CHECKED BY: SJH

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

APPROVED BY	BY	DATE
PRINCIPAL ENGINEER	PH	11/12/03
TRAFFIC ENGINEER	[illegible]	11/13/03
PARKS DEPARTMENT	[illegible]	
INSPECTION	[illegible]	11/13/03
SURVEYOR	[illegible]	11/13/03
STREET SERVICES	[illegible]	11/13/03

APPROVED BY: Glenn Busd
CITY ENGINEER
DATE: 12/12/03

TYLER STREET WIDENING

FROM STATION: 76+00
TO STATION: 86+00

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

ACCT. NO. 9534630214-440302XX

R-3575

SHEET 4 OF 13

FILE NO.

INDEXED 5-24-04 [illegible]

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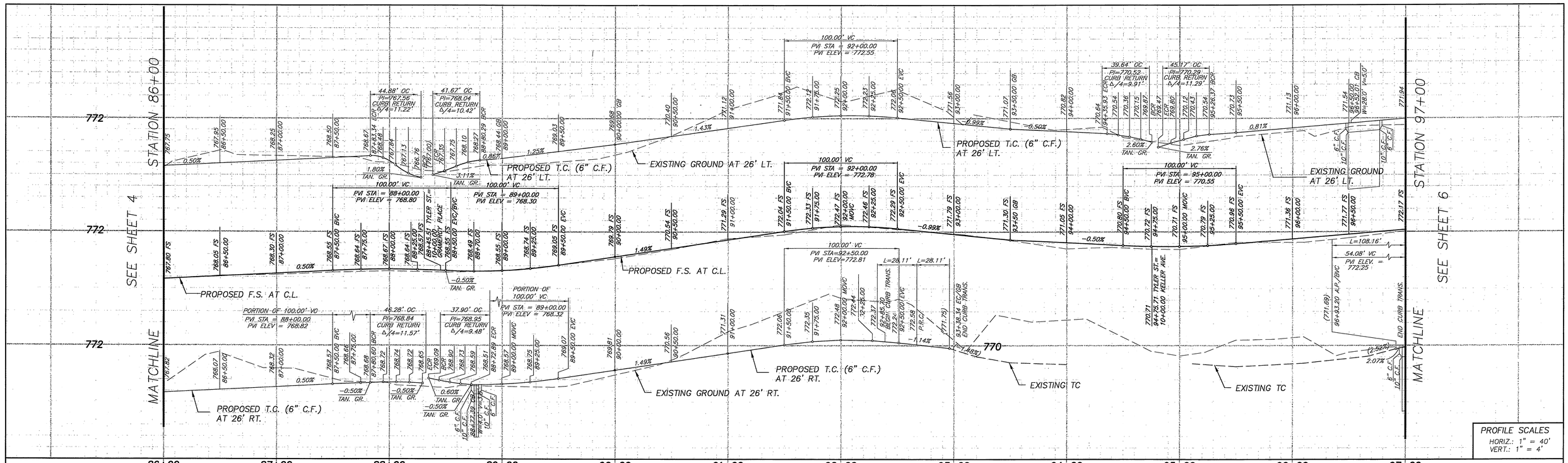


CURVE DATA

◇	R	△	L	T
1	45.00'	35°47'43"	28.11'	14.53'
2	1.00'	180°00'00"	3.14'	------
3	27.00'	84°06'54"	39.64'	24.36'
4	27.00'	95°50'50"	45.17'	29.91'
5	27.00'	95°14'20"	44.88'	29.59'
6	27.00'	88°25'21"	41.67'	26.27'
7	27.00'	80°25'47"	37.90'	22.83'
8	27.00'	98°12'12"	46.28'	31.17'
9	519.68'	07°47'55"	70.73'	35.42'
10	479.68'	06°13'30"	52.12'	27.26'
11	–	N75°23'51"W	27.26'	–
12	–	N64°46'05"W	26.05'	–

CONSTRUCTION NOTES

(2) RELOCATE EXISTING CHAIN LINK FENCE TO BEHIND PROPOSED IMPROVEMENTS.

(3) RELOCATE EXISTING WOOD FENCE TO BEHIND PROPOSED IMPROVEMENTS.

(10) REMOVE PICKET FENCE.

(15) CONSTRUCT 6" THICK P.C.C. DRIVEWAY PER LIMITS AND LENGTHS SHOWN

(16) REGRADE EXISTING DIRT DRIVEWAY PER LIMITS AND LENGTHS SHOWN

(17) CONSTRUCT 4" THICK A.C. DRIVEWAY PER LIMITS AND LENGHTS SHOWN

(19) SEE SIGNING AND STRIPING PLANS FOR DETAILS

(20) SEE TRAFFIC SIGNAL PLANS FOR DETAILS

(21) REMOVE EXISTING DRIVEWAY APPROACH

(22) REMOVE EXISTING CURB AND GUTTER

(23) RELOCATE PALM TREE AS DIRECTED BY ENGINEER

(24) CONSTRUCT RETAINING CURB WALL PER DETAIL ON SHEET 2

(25) CONSTRUCT BUS PAD PER DETAIL ON SHEET 13

(26) CONSTRUCT 10' LONG A.C. BERM PER CITY STANDARD NO 250 TYPE I AT EDGE OF PAVEMENT. JOIN TOP OF CURB AND TRANSITION TO 0"

(32) CONSTRUCT SIDEWALK IN KIND FROM TEMPORARY CONSTRUCTION EASEMENT TO PROPOSED BACK OF WALK

(E) POWER POLE TO BE RELOCATED BY CITY OF RIVERSIDE

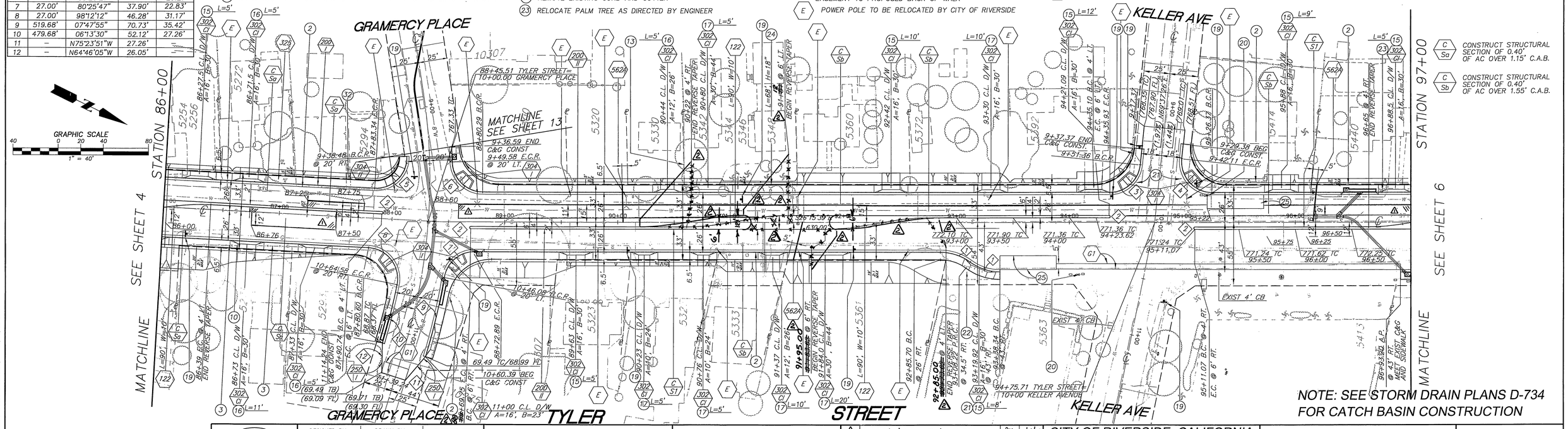
NUMBERS ABOVE 100 IN A HEXAGON ON THE PLAN REFER TO THE RESPECTIVE STANDARD DRAWING AND SHALL BE CONSTRUCTED ACCORDINGLY. UNLESS MODIFICATIONS ARE NOTED ON THE PLAN OR COVER SHEET. ANY NUMBER SHOWN BELOW THE STANDARD DRAWING NUMBER INDICATES THE SPECIFIC ALTERNATE TO BE CONSTRUCTED.

(C / S1) CONSTRUCT 1' WIDE BY 1.17' FULL DEPTH AC OVER COMPACTED NATIVE STRUCTURAL SECTION PER TYPICAL SECTION

(G1) COLD MILL PAVEMENT TO A DEPTH OF 0.10' BELOW GUTTER LIP AND DAYLIGHT TO MEET EXISTING PAVEMENT PER PLAN.

(C / Sa) CONSTRUCT STRUCTURAL SECTION OF 0.40' OF AC OVER 1.15' C.A.B.

(C / Sb) CONSTRUCT STRUCTURAL SECTION OF 0.40' OF AC OVER 1.55' C.A.B.



REGISTERED PROFESSIONAL ENGINEER STEVE J. HOSFORD NO. 42280 EXP. 03/31/04 CIVIL STATE OF CALIFORNIA

DESIGNED BY:	DRAWN BY:	CHECKED BY:
AE/JP	AE/GS	SJH

PLANS PREPARED UNDER THE SUPERVISION OF:

STEVE J. HOSFORD RCE 42280 — DATE 10-31-03

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MARK	REVISIONS	APPR.	DATE
1	CLARIFY AC LOCATION LIMITS.	PH	7/16/04
2	Added median opening	PH	8/20/04

DESIGNED BY: AE/JP DRAWN BY: AE/GS CHECKED BY: SJH

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

APPROVED BY	BY	DATE
PRINCIPAL ENGINEER		11/3/03
TRAFFIC ENGINEER		11/3/03
PARKS DEPARTMENT		
INSPECTION		11/3/03
SURVEYOR		11/3/03
STREET SERVICES		11/4/03

APPROVED BY: CITY ENGINEER
DATE: 11/4/03

TYLER STREET WIDENING

FROM STATION: 86+00
TO STATION: 97+00

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

ACCT. NO. 9534630214-440302XX

R-3575

SHEET 5 OF 13

FILE NO.

INDEXED 5-24-04 GH

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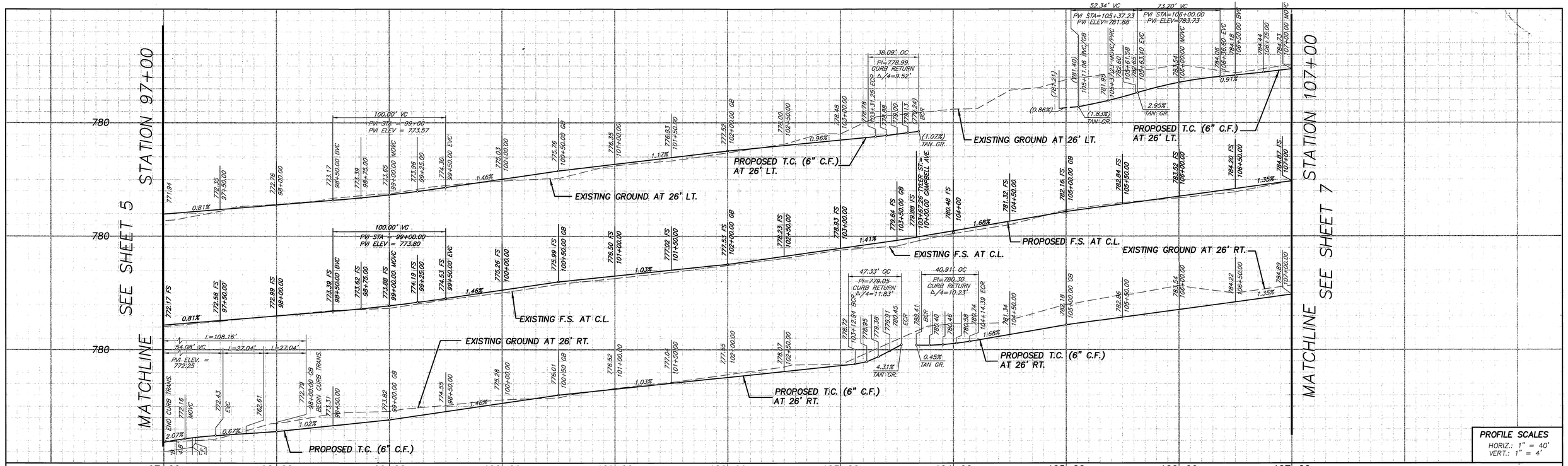
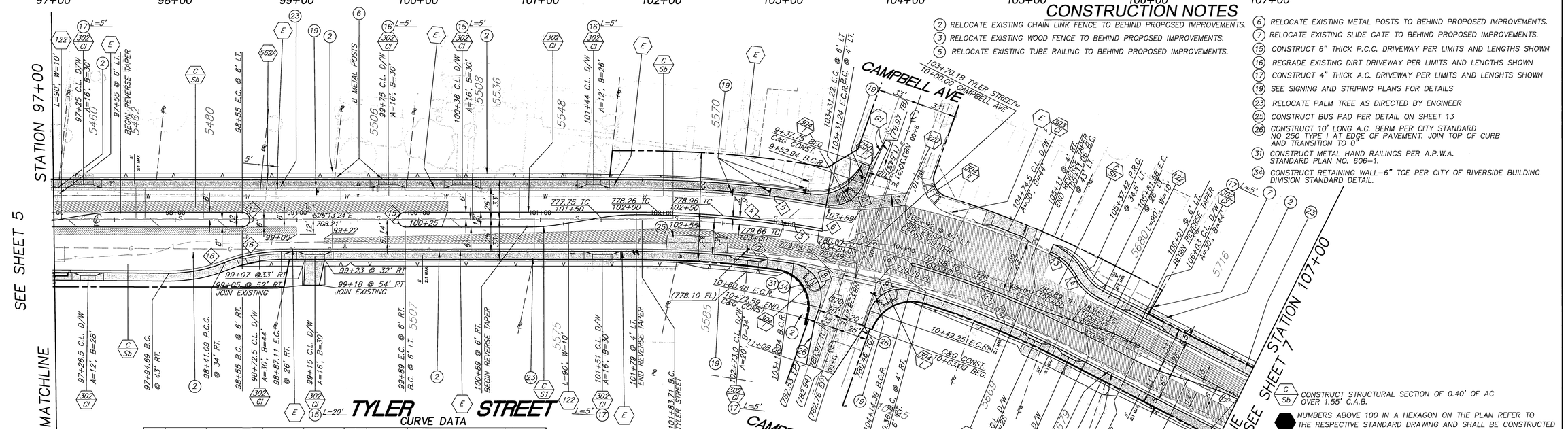


CONSTRUCTION NOTES

(2) RELOCATE EXISTING CHAIN LINK FENCE TO BEHIND PROPOSED IMPROVEMENTS.
(3) RELOCATE EXISTING WOOD FENCE TO BEHIND PROPOSED IMPROVEMENTS.
(5) RELOCATE EXISTING TUBE RAILING TO BEHIND PROPOSED IMPROVEMENTS.
(6) RELOCATE EXISTING METAL POSTS TO BEHIND PROPOSED IMPROVEMENTS.
(7) RELOCATE EXISTING SLIDE GATE TO BEHIND PROPOSED IMPROVEMENTS.
(15) CONSTRUCT 6" THICK P.C.C. DRIVEWAY PER LIMITS AND LENGTHS SHOWN
(16) REGRADE EXISTING DIRT DRIVEWAY PER LIMITS AND LENGTHS SHOWN
(17) CONSTRUCT 4" THICK A.C. DRIVEWAY PER LIMITS AND LENGHTS SHOWN
(19) SEE SIGNING AND STRIPING PLANS FOR DETAILS
(23) RELOCATE PALM TREE AS DIRECTED BY ENGINEER
(25) CONSTRUCT BUS PAD PER DETAIL ON SHEET 13
(26) CONSTRUCT 10' LONG A.C. BERM PER CITY STANDARD NO 250 TYPE I AT EDGE OF PAVEMENT. JOIN TOP OF CURB AND TRANSITION TO 0"
(31) CONSTRUCT METAL HAND RAILINGS PER A.P.W.A. STANDARD PLAN NO. 606-1.
(34) CONSTRUCT RETAINING WALL-6" TOE PER CITY OF RIVERSIDE BUILDING DIVISION STANDARD DETAIL.



(C, Sb) CONSTRUCT STRUCTURAL SECTION OF 0.40' OF AC OVER 1.55' C.A.B.

⬢ NUMBERS ABOVE 100 IN A HEXAGON ON THE PLAN REFER TO THE RESPECTIVE STANDARD DRAWING AND SHALL BE CONSTRUCTED ACCORDINGLY. UNLESS MODIFICATIONS ARE NOTED ON THE PLAN OR COVER SHEET. ANY NUMBER SHOWN BELOW THE STANDARD DRAWING NUMBER INDICATES THE SPECIFIC ALTERNATE TO BE CONSTRUCTED.

(G1) COLD MILL PAVEMENT TO A DEPTH OF 0.10' BELOW GUTTER LIP AND DAYLIGHT TO MEET EXISTING PAVEMENT PER PLAN.

(C, S1) CONSTRUCT 1' WIDE BY 1.17' FULL DEPTH AC OVER COMPACTED NATIVE STRUCTURAL SECTION PER TYPICAL SECTION.

(E) POWER POLE TO BE RELOCATED BY CITY OF RIVERSIDE.

CURVE DATA

◇	R	Δ	L	T	◇	R	Δ	L	T
1	800.00'	27°03'46"	377.87'	192.53'	10	796.00'	7°05'25"	98.50'	49.32'
2	774.00'	9°15'19"	125.03'	62.65'	11	794.00'	10°42'46"	148.46'	74.44'
3	804.00'	10°24'20"	146.02'	73.21'	12	774.00'	10°32'29"	142.40'	71.40'
4	806.00'	10°24'20"	146.38'	73.39'	13	45.00'	37°38'39"	29.57'	15.34'
5	826.00'	10°33'58"	152.33'	76.38'	14	45.00'	34°01'33"	26.72'	13.77'
6	1.00'	180°00'00"	3.14'	------	15	6.00'	180°00'00"	18.85'	---
7	27.00'	80°50'13"	38.09'	22.99'	16	125.00'	21°47'12"	47.53'	24.06'
8	27.00'	100°26'45"	47.33'	32.43'					
9	27.00'	86°49'13"	40.91'	25.54'					

NOTE: SEE STORM DRAIN PLANS D-734 FOR CATCH BASIN CONSTRUCTION

SEE SHEET 13 FOR CAMPBELL WALL DETAIL

GRAPHIC SCALE
40 0 20 40 80
1" = 40'

REGISTERED PROFESSIONAL ENGINEER
STEVE J. HOSFORD
NO. 42280
EXP. 03/31/04
CIVIL
STATE OF CALIFORNIA

DESIGNED BY:	DRAWN BY:	CHECKED BY:
AE/JP	AE/GS	SJH

PLANS PREPARED UNDER THE SUPERVISION OF:

STEVE J. HOSFORD RCE 42280 — DATE 10-31-03

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MARK	REVISIONS	APPR.	DATE

DESIGNED BY: AE/JP DRAWN BY: AE/GS CHECKED BY: SJH

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

APPROVED BY	BY	DATE
PRINCIPAL ENGINEER		11/12/03
TRAFFIC ENGINEER		11/3/03
PARKS DEPARTMENT		
INSPECTION		11/3/03
SURVEYOR		11/12/03
STREET SERVICES		11/11/03

APPROVED BY: CITY ENGINEER
DATE: 11/12/03

TYLER STREET WIDENING

FROM STATION: 97+00
TO STATION: 107+00

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

ACCT. NO. 9534630214-440302XX

R-3575

SHEET 6 OF 13

FILE NO.

INDEXED 5-24-04 JH

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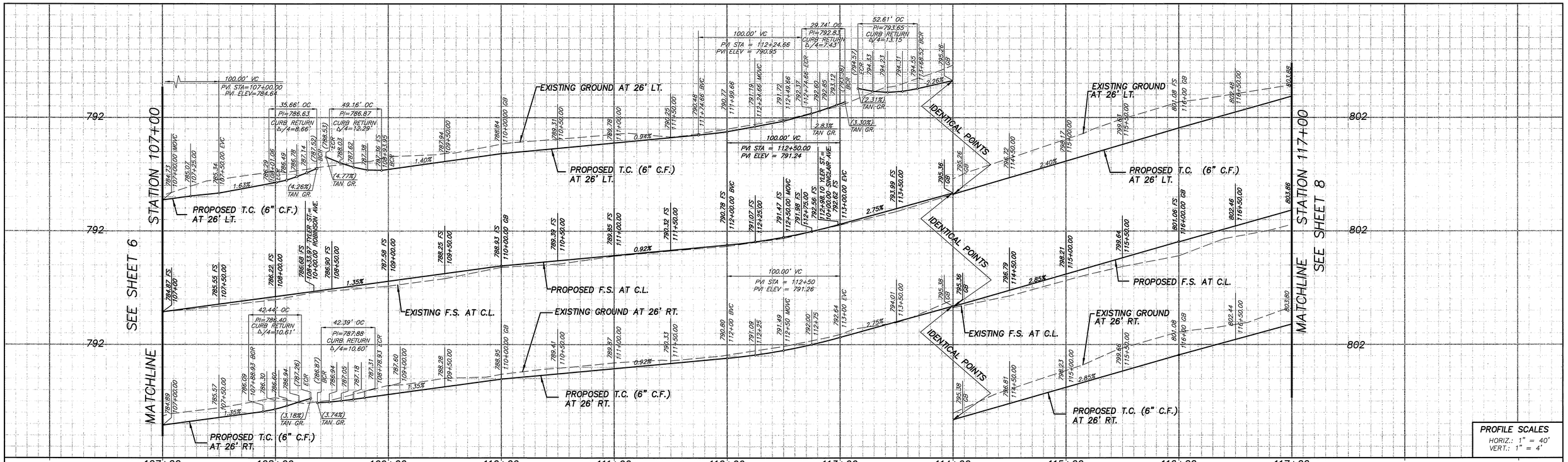

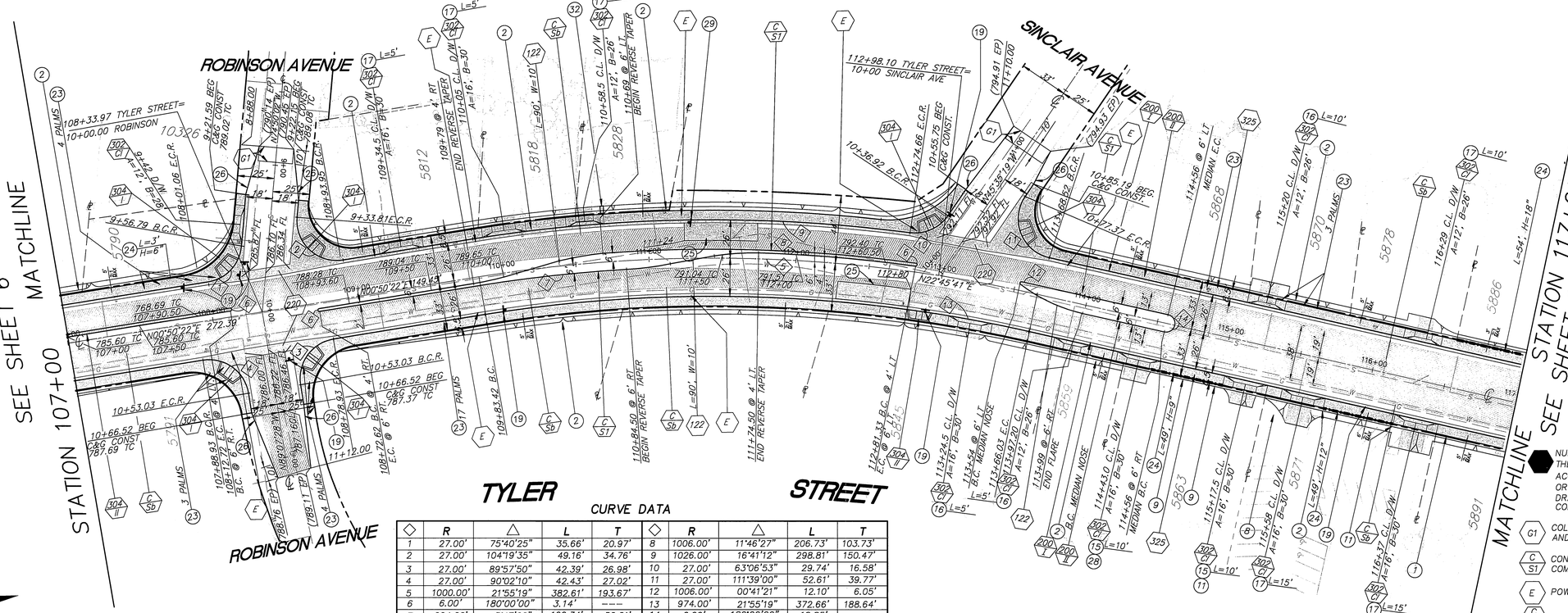

CONSTRUCTION NOTES

1. RELOCATE EXISTING PICKET FENCE TO BEHIND PROPOSED IMPROVEMENTS.
2. RELOCATE EXISTING CHAIN LINK FENCE TO BEHIND PROPOSED IMPROVEMENTS.
8. RELOCATE EXISTING ROLLER GATE TO BEHIND PROPOSED IMPROVEMENTS.
9. RELOCATE EXISTING WROUGHT IRON GATE TO BEHIND PROPOSED IMPROVEMENTS.
11. RELOCATE EXISTING SWING GATE TO BEHIND PROPOSED IMPROVEMENTS.
15. CONSTRUCT 6" THICK P.C.C. DRIVEWAY PER LIMITS AND LENGTHS SHOWN.
16. REGRADE EXISTING DIRT DRIVEWAY PER LIMITS AND LENGTHS SHOWN.
17. CONSTRUCT 4" THICK A.C. DRIVEWAY PER LIMITS AND LENGTHS SHOWN.
19. SEE SIGNING AND STRIPING PLANS FOR DETAILS.
23. RELOCATE PALM TREE AS DIRECTED BY ENGINEER
24. CONSTRUCT RETAINING CURB WALL PER DETAIL ON SHEET 2
25. CONSTRUCT BUS PAD PER DETAIL ON SHEET 13
26. CONSTRUCT 10' LONG A.C. BERM PER CITY STANDARD NO 250 TYPE I AT EDGE OF PAVEMENT. JOIN TOP OF CURB AND TRANSITION TO 0"
28. REMOVE AND RECONSTRUCT EXISTING ROLLER GATE PER DETAIL ON SHEET 2.
32. CONSTRUCT SIDEWALK IN KIND FROM TEMPORARY CONSTRUCTION EASEMENT TO PROPOSED BACK OF WALK.

NUMBERS ABOVE 100 IN A HEXAGON ON THE PLAN REFER TO THE RESPECTIVE STANDARD DRAWING AND SHALL BE CONSTRUCTED ACCORDINGLY. UNLESS MODIFICATIONS ARE NOTED ON THE PLAN OR COVER SHEET. ANY NUMBER SHOWN BELOW THE STANDARD DRAWING NUMBER INDICATES THE SPECIFIC ALTERNATE TO BE CONSTRUCTED.

- G1 — COLD MILL PAVEMENT TO A DEPTH OF 0.10' BELOW GUTTER LIP AND DAYLIGHT TO MEET EXISTING PAVEMENT PER PLAN.
- C S1 — CONSTRUCT 1' WIDE BY 1.17' FULL DEPTH AC OVER COMPACTED NATIVE STRUCTURAL SECTION PER TYPICAL SECTION.
- E — POWER POLE TO BE RELOCATED BY CITY OF RIVERSIDE.
- C Sb — CONSTRUCT STRUCTURAL SECTION OF 0.40' OF AC OVER 1.55' C.A.B.

CURVE DATA

◇	R	△	L	T	◇	R	△	L	T
1	27.00'	75°40'25"	35.66'	20.97'	8	1006.00'	11°46'27"	206.73'	103.73'
2	27.00'	104°19'35"	49.16'	34.76'	9	1026.00'	16°41'12"	298.81'	150.47'
3	27.00'	89°57'50"	42.39'	26.98'	10	27.00'	63°06'53"	29.74'	16.58'
4	27.00'	90°02'10"	42.43'	27.02'	11	27.00'	111°39'00"	52.61'	39.77'
5	1000.00'	21°55'19"	382.61'	193.67'	12	1006.00'	00°41'21"	12.10'	6.05'
6	6.00'	180°00'00"	3.14'	---	13	974.00'	21°55'19"	372.66'	188.64'
7	994.00'	5°47'02"	100.34'	50.21'	14	6.00'	180°00'00"	18.85'	----

GRAPHIC SCALE
40 0 20 40 80
1" = 40'

REGISTERED PROFESSIONAL ENGINEER STEVE J. HOSFORD NO. 42280 EXP. 03/31/04 CIVIL STATE OF CALIFORNIA

DESIGNED BY:	DRAWN BY:	CHECKED BY:
AE/JP	AE/GS	SJH

PLANS PREPARED UNDER THE SUPERVISION OF:

STEVE J. HOSFORD RCE 42280 — DATE 10-31-03

AEI·CASC ENGINEERING
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SUITE 500
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TWO WORKING DAYS BEFORE YOU DIG

MARK	REVISIONS	APPR.	DATE

DESIGNED BY: AE/JP DRAWN BY: AE/GS CHECKED BY: SJH

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

APPROVED BY	BY	DATE
PRINCIPAL ENGINEER	DJK	11/3/03
TRAFFIC ENGINEER		11/3/03
PARKS DEPARTMENT		
INSPECTION		11/3/03
SURVEYOR		11/13/03
STREET SERVICES		11/17/03

APPROVED BY: CITY ENGINEER
DATE: 11/17/03

TYLER STREET WIDENING

FROM STATION: 107+00
TO STATION: 117+00

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

ACCT. NO. 9534630214-44030 2XX

R-3575

SHEET 7 OF 13

FILE NO.

INDEXED 5-29-04 4H

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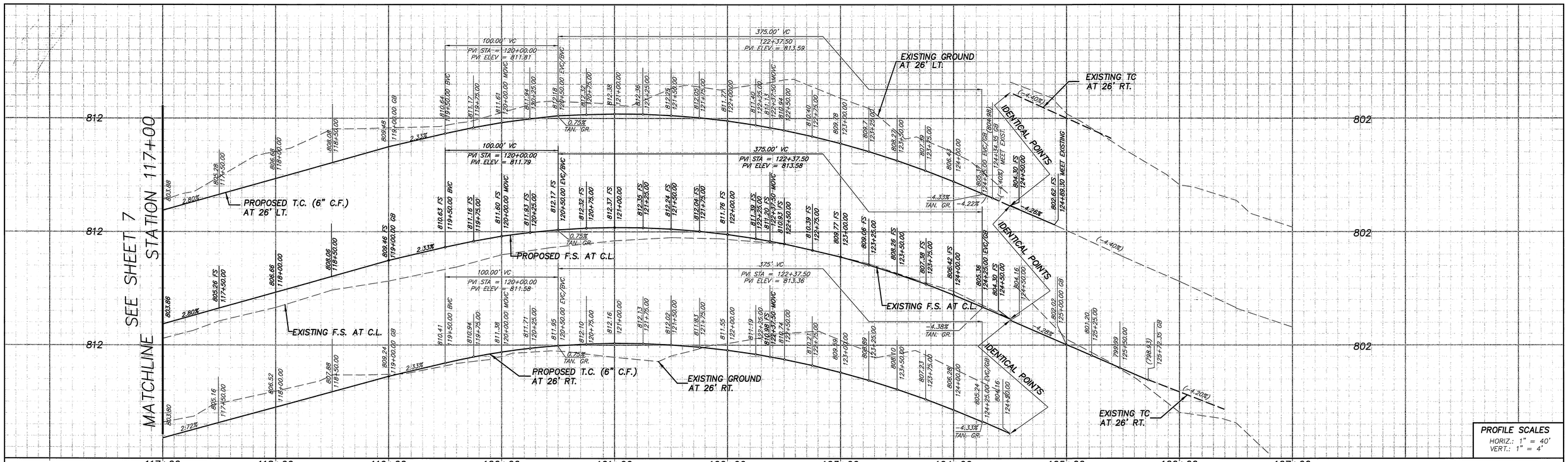

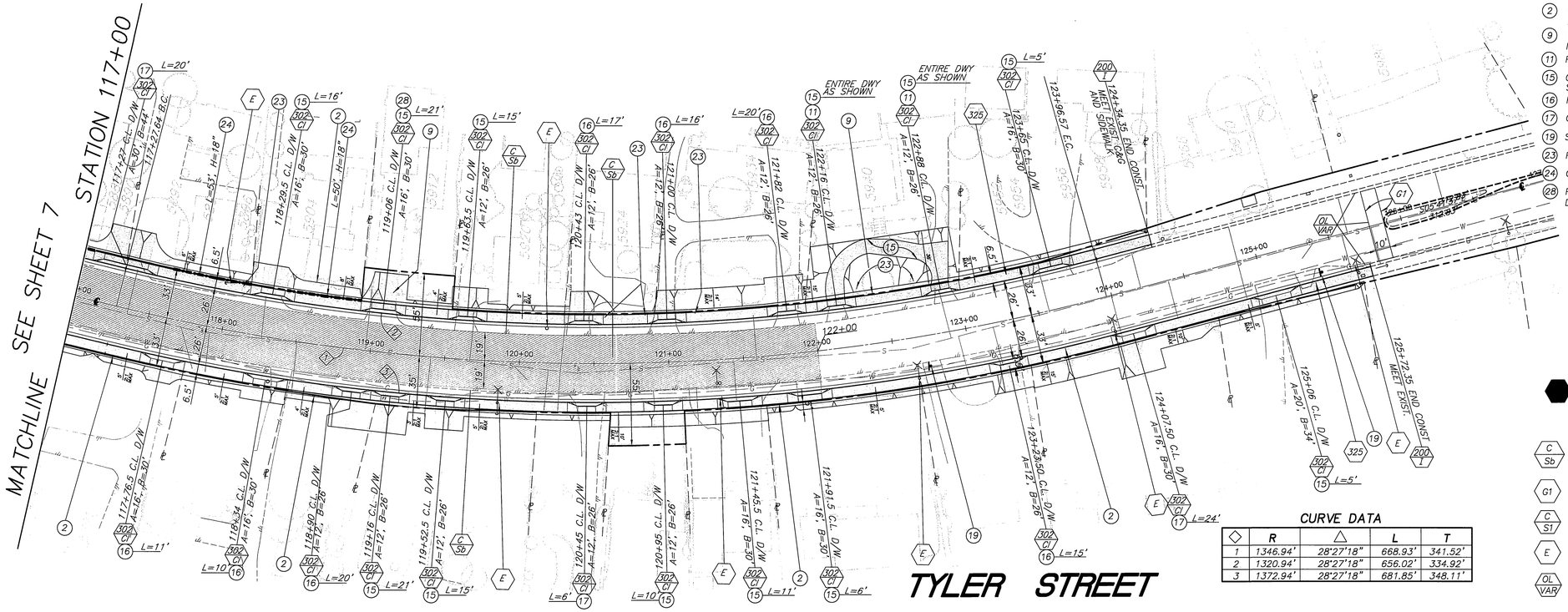

CONSTRUCTION NOTES

(2) RELOCATE EXISTING CHAIN LINK FENCE TO BEHIND PROPOSED IMPROVEMENTS.

(9) RELOCATE EXISTING WROUGHT IRON GATE TO BEHIND PROPOSED IMPROVEMENTS.

(11) RELOCATE EXISTING SWING GATE TO BEHIND PROPOSED IMPROVEMENTS

(15) CONSTRUCT 6" THICK P.C.C. DRIVEWAY PER LIMITS AND LENGTHS SHOWN

(16) REGRADE EXISTING DIRT DRIVEWAY PER LIMITS AND LENGTHS SHOWN

(17) CONSTRUCT 4" THICK A.C. DRIVEWAY PER LIMITS AND LENGHTS SHOWN

(19) SEE SIGNING AND STRIPING PLANS FOR DETAILS

(23) RELOCATE PALM TREE AS DIRECTED BY ENGINEER

(24) CONSTRUCT RETAINING CURB WALL PER DETAIL ON SHEET 2

(28) REMOVE AND RECONSTRUCT EXISTING ROLLER GATE PER DETAIL ON SHEET 2

NUMBERS ABOVE 100 IN A HEXAGON ON THE PLAN REFER TO THE RESPECTIVE STANDARD DRAWING AND SHALL BE CONSTRUCTED ACCORDINGLY. UNLESS MODIFICATIONS ARE NOTED ON THE PLAN OR COVER SHEET. ANY NUMBER SHOWN BELOW THE STANDARD DRAWING NUMBER INDICATES THE SPECIFIC ALTERNATE TO BE CONSTRUCTED.

(C / Sb) CONSTRUCT STRUCTURAL SECTION OF 0.40' OF AC OVER 1.55' C.A.B.

(G1) COLD MILL PAVEMENT TO A DEPTH OF 0.10' BELOW GUTTER LIP AND DAYLIGHT TO MEET EXISTING PAVEMENT PER PLAN.

(C / S1) CONSTRUCT 1' WIDE BY 1.17' FULL DEPTH AC OVER COMPACTED NATIVE STRUCTURAL SECTION PER TYPICAL SECTION.

(E) POWER POLE TO BE RELOCATED BY CITY OF RIVERSIDE.

(OL / VAR) CONSTRUCT VARIABLE THICKNESS D.G.A.C. OVERLAY (0.1' MINIMUM THICKNESS).

CURVE DATA

◇	R	△	L	T
1	1,346.94'	28°27'18"	668.93'	341.52'
2	1,320.94'	28°27'18"	656.02'	334.92'
3	1,372.94'	28°27'18"	681.85'	348.11'

GRAPHIC SCALE
40 0 20 40 80
1" = 40'

REGISTERED PROFESSIONAL ENGINEER STEVE J. HOSFORD NO. 42280 EXP. 03/31/04 CIVIL STATE OF CALIFORNIA

DESIGNED BY:	DRAWN BY:	CHECKED BY:
AE/JP	AE/GS	SJH

PLANS PREPARED UNDER THE SUPERVISION OF:

STEVE J. HOSFORD RCE 42280 — DATE 10-31-03

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SUITE 500
COLTON, CA 92324
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MARK	REVISIONS	APPR.	DATE

DESIGNED BY: AE/JP DRAWN BY: AE/GS CHECKED BY: SJH

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

APPROVED BY	BY	DATE
PRINCIPAL ENGINEER		11/12/03
TRAFFIC ENGINEER		11/3/03
PARKS DEPARTMENT		
INSPECTION		11/3/03
SURVEYOR		11/5/03
STREET SERVICES		11/17/03

APPROVED BY: CITY ENGINEER
DATE: 12/2/03

TYLER STREET WIDENING

FROM STATION: 117+00
TO STATION: 127+00

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

ACCT. NO. 9534630214-440302XX

R-3575

SHEET 8 OF 13

FILE NO.

INDEXED 5-24-04 JH

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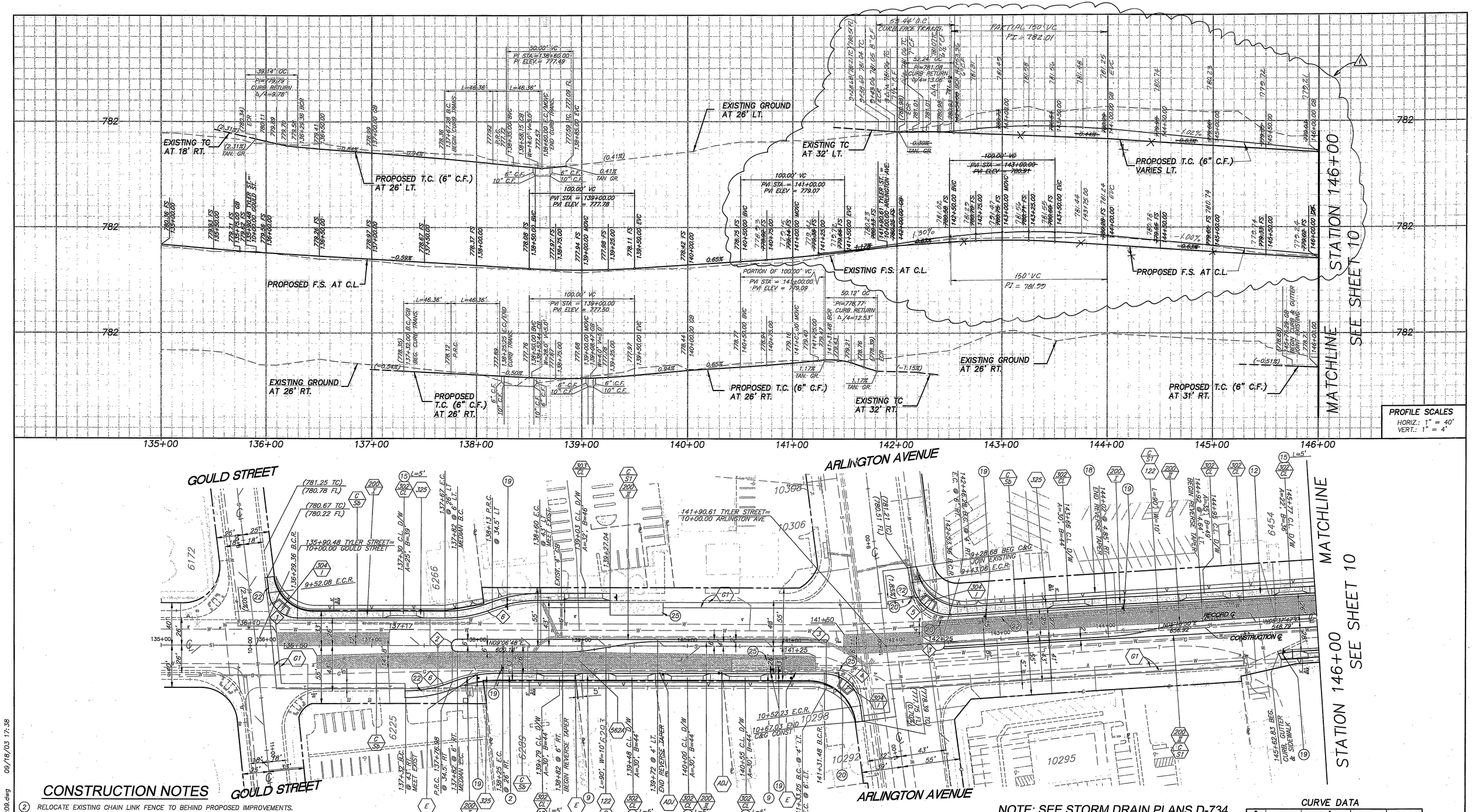

CONSTRUCTION NOTES

(2) RELOCATE EXISTING CHAIN LINK FENCE TO BEHIND PROPOSED IMPROVEMENTS.
(9) RELOCATE EXISTING WROUGHT IRON GATE TO BEHIND PROPOSED IMPROVEMENTS.
(15) CONSTRUCT 6" THICK P.C.C. DRIVEWAY PER LIMITS AND LENGTHS SHOWN
(18) CONSTRUCT 4" A.C. PAVEMENT ON 95% COMPACTED NATIVE
(19) SEE SIGNING AND STRIPING PLANS FOR DETAILS
(20) SEE TRAFFIC SIGNAL PLANS FOR DETAILS
(22) REMOVE EXISTING CURB AND GUTTER
(25) CONSTRUCT BUS PAD PER DETAIL ON SHEET 13

TYLER STREET

NUMBERS ABOVE 100 IN A HEXAGON ON THE PLAN REFER TO THE RESPECTIVE STANDARD DRAWING AND SHALL BE CONSTRUCTED ACCORDINGLY. UNLESS MODIFICATIONS ARE NOTED ON THE PLAN OR COVER SHEET. ANY NUMBER SHOWN BELOW THE STANDARD DRAWING NUMBER INDICATES THE SPECIFIC ALTERNATE TO BE CONSTRUCTED.

(G1) COLD MILL PAVEMENT TO A DEPTH OF 0.10' BELOW GUTTER LIP AND DAYLIGHT TO MEET EXISTING PAVEMENT PER PLAN.

(C S1) CONSTRUCT 1' WIDE BY 1.17' FULL DEPTH AC OVER COMPACTED NATIVE STRUCTURAL SECTION PER TYPICAL SECTION.

(E) POWER POLE TO BE RELOCATED BY CITY OF RIVERSIDE.

(ADJ) ADJUST SEWER, STORM DRAIN, ELECTRIC OR WATER MANHOLE OR GATE VALVE TO GRADE. ADJUSTMENT TO GRADE OR RELOCATION OF GAS & TELEPHONE COMPANY'S FACILITIES WILL BE DONE BY OTHERS.

(C Sb) CONSTRUCT STRUCTURAL SECTION OF 0.40' OF AC OVER 1.55' C.A.B.

NOTE: SEE STORM DRAIN PLANS D-734 FOR CATCH BASIN CONSTRUCTION

CONTRACTOR SHALL CONTACT TODD McFARLAND OF GEO-CAL, INC., AT 909-232-4384 FOR ADJUSTMENT OF METERING WELLS.

CURVE DATA

◇	R	△	L	T
1	27.00'	83°03'50"	39.14'	23.91'
2	6.00'	180°00'00"	18.85'	-----
3	1.00'	180°00'00"	3.14'	-----
4	37.00'	82°03'12"	52.99'	32.19'
5	37.00'	85°51'09"	55.44'	34.41'
6	125.00'	21°15'04"	46.36'	23.45'

GRAPHIC SCALE 1" = 40'

REGISTERED PROFESSIONAL ENGINEER STEVE J. HOSFORD NO. 42280 EXP. 03/31/04 CIVIL STATE OF CALIFORNIA

DESIGNED BY:	DRAWN BY:	CHECKED BY:
AE/JP	AE/GS	SJH

PLANS PREPARED UNDER THE SUPERVISION OF:

STEVE J. HOSFORD RCE 42280 — DATE 10-31-03

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MARK	REVISIONS	APPR.	DATE
1	PROFILE ADJUSTMENT 140+75 TO 148+25	SJH	1/9/04

DESIGNED BY: AE/JP DRAWN BY: AE/GS CHECKED BY: SJH

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

APPROVED BY	BY	DATE
PRINCIPAL ENGINEER		
TRAFFIC ENGINEER		
PARKS DEPARTMENT		
INSPECTION		11/3/03
SURVEYOR		11/7/03
STREET SERVICES		11/4/03

APPROVED BY: CITY ENGINEER
DATE: 12/2/03

TYLER STREET WIDENING
FROM STATION: 135+00 TO STATION: 146+00

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

ACCT. NO. 9534630214-440302XX

R-3575

SHEET 9 OF 13

FILE NO.

INDEXED 5-24-04

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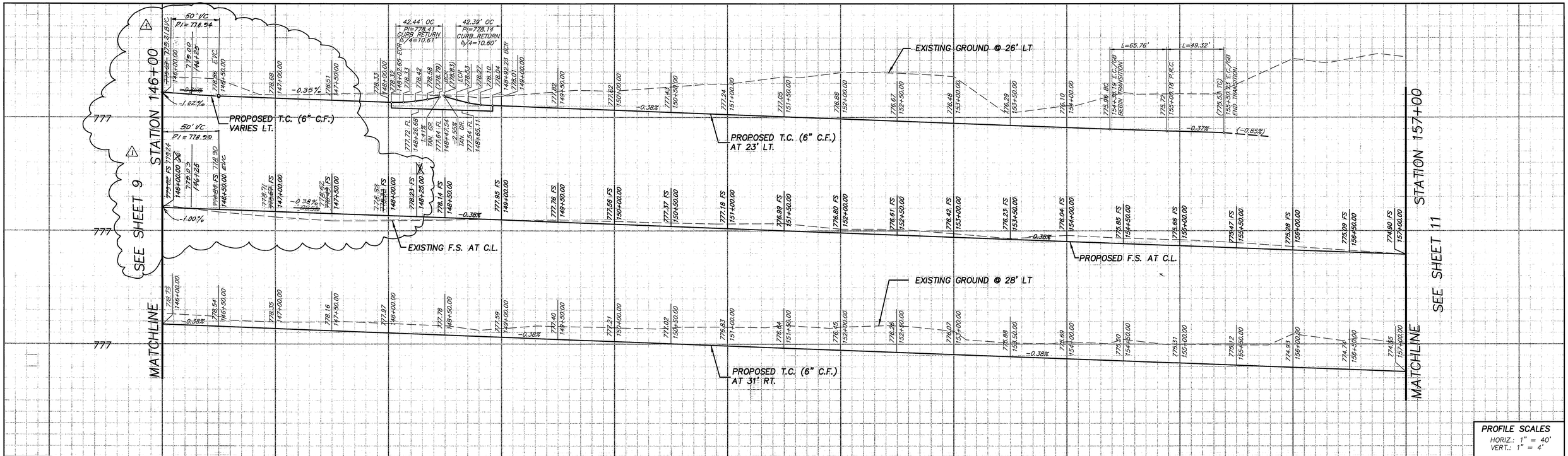
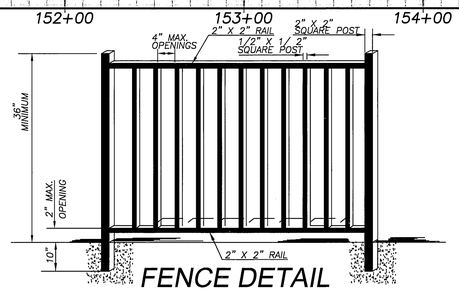


PROFILE SCALES
HORIZ.: 1" = 40'
VERT.: 1" = 4'

CONSTRUCTION NOTES

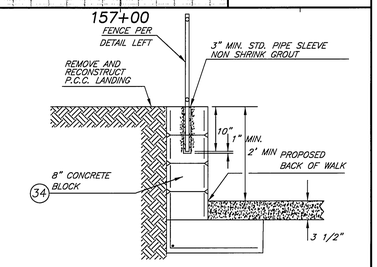
- (G1) COLDMILL PAVEMENT TO A DEPTH OF 0.10' BELOW GUTTER LIP AND DAYLIGHT TO MEET EXISTING PAVEMENT IN 5.0'.
- (ADJ) ADJUST SEWER, STORM DRAIN, ELECTRIC OR WATER MANHOLE OR GATE VALVE TO GRADE. ADJUSTMENT TO GRADE OR RELOCATION OF GAS AND TELEPHONE COMPANY'S FACILITIES WILL BE DONE BY OTHERS.
- (E) POWERE POLE TO BE RELOCATED BY CITY OF RIVERSIDE.
- (FH) FIRE HYDRANT TO BE RELOCATED BY THE P.U. WATER DIVISION PRIOR TO CONSTRUCTION.
- (C Sb) CONSTRUCT STRUCTURAL SECTION OF 0.40' OF AC OVER 1.55' C.A.B.
- (C S1) CONSTRUCT 1' WIDE BY 1.17' FULL DEPTH AC OVER COMPACTED NATIVE STRUCTURAL SECTION PER TYPICAL SECTION.

(2) RELOCATE EXISTING CHAIN LINK FENCE TO BEHIND PROPOSED IMPROVEMENTS
(15) CONSTRUCT 6" THICK P.C.C. DRIVEWAY PER LIMITS AND LENGTHS SHOWN
(16) REGRADE EXISTING DIRT DRIVEWAY PER LIMITS AND LENGTHS SHOWN
(17) CONSTRUCT 4" THICK A.C. DRIVEWAY PER LIMITS AND LENGHTS SHOWN
(19) SEE SIGNING AND STRIPING PLANS FOR DETAILS
(23) RELOCATE PALM TREE AS DIRECTED BY ENGINEER
(24) CONSTRUCT RETAINING CURB WALL PER DETAIL ON SHEET 2
(26) CONSTRUCT 10' LONG A.C. BERM PER CITY STANDARD 250 TYPE I AT EDGE OF PAVEMENT. JOIN TOP OF CURB AND TRANSITION TO 0"
(30) CONSTRUCT FENCE PER FENCE DETAIL ON SHEET 10
(32) CONSTRUCT WALL PER SECTION C–C ON SHEET 10
(36) CONSTRUCT RETAINING WALL–6" TOE PER CITY OF RIVERSIDE BUILDING DIVISION STANDARD DETAIL.



FENCE DETAIL FOR 6530 TYLER ST.

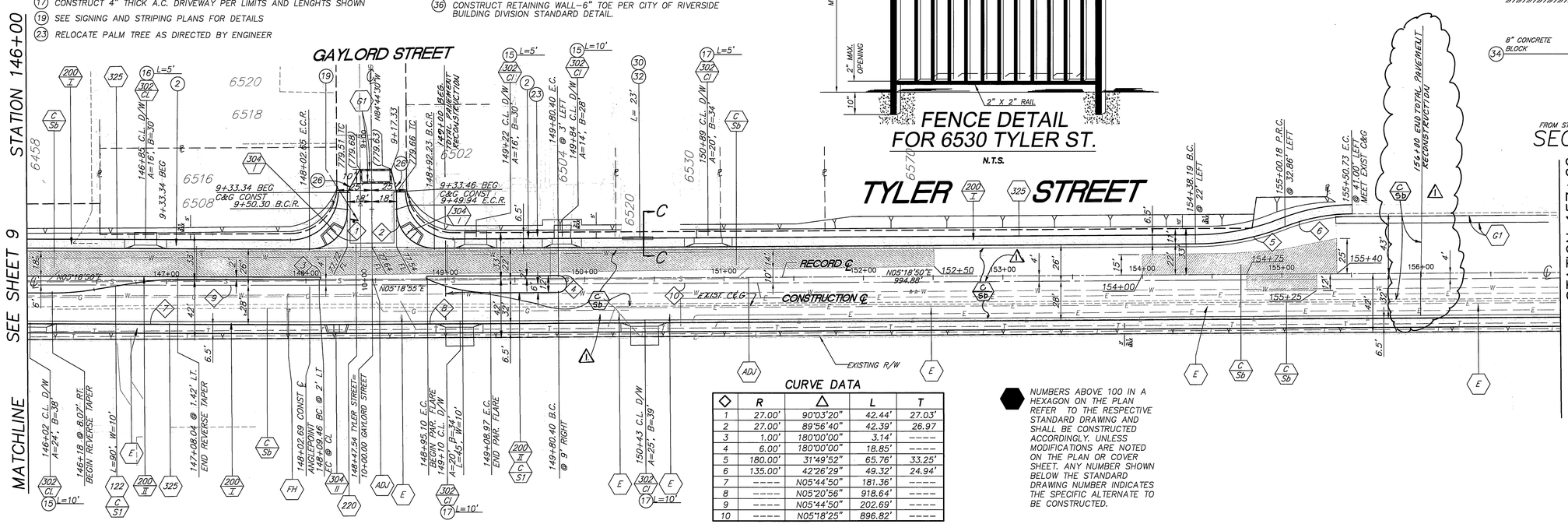
N.T.S.



FROM STATION 150+27.00 TO 150+50.00

SECTION C–C

N.T.S.



CONSTRUCTION NOTES

1. CONCRETE AND CONCRETE BLOCK SHALL BE PER GREEN BOOK.
2. BOTTOM COURSE OF CONCRETE BLOCKS SHALL BE PLACED WHILE THE FOOTING IS STILL FRESH. ALL CELLS TO BE FILLED SOLID WITH GROUT AND RODDED SO GROUT IS MONOLITHIC WITH FRESH FOOTING.

CURVE DATA

◇	R	△	L	T
1	27.00'	90°03'20"	42.44'	27.03'
2	27.00'	89°56'40"	42.39'	26.97
3	1.00'	180°00'00"	3.14'	----
4	6.00'	180°00'00"	18.85'	----
5	180.00'	31°49'52"	65.76'	33.25'
6	135.00'	42°26'29"	49.32'	24.94'
7	----	N05°44'50"	181.36'	----
8	----	N05°20'56"	918.64'	----
9	----	N05°44'50"	202.69'	----
10	----	N05°18'25"	896.82'	----

NUMBERS ABOVE 100 IN A HEXAGON ON THE PLAN REFER TO THE RESPECTIVE STANDARD DRAWING AND SHALL BE CONSTRUCTED ACCORDINGLY. UNLESS MODIFICATIONS ARE NOTED ON THE PLAN OR COVER SHEET. ANY NUMBER SHOWN BELOW THE STANDARD DRAWING NUMBER INDICATES THE SPECIFIC ALTERNATE TO BE CONSTRUCTED.

GRAPHIC SCALE
1" = 40'

REGISTERED PROFESSIONAL ENGINEER STEVE J. HOSFORD NO. 42280 EXP. 03/31/04 CIVIL STATE OF CALIFORNIA

DESIGNED BY:	DRAWN BY:	CHECKED BY:
AE/JP	AE/GS	SJH

PLANS PREPARED UNDER THE SUPERVISION OF:
STEVE J. HOSFORD RCE 42280 — DATE 10-31-03

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MARK	REVISIONS	APPR.	DATE
1	PROFILE ADJUSTMENT 140+75 TO 148+25; PAVEMENT RECONSTRUCTION 149+00 TO 155+00	SJH	11/14/04

DESIGNED BY: AE/JP DRAWN BY: AE/GS CHECKED BY: SJH

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

APPROVED BY	BY	DATE
PRINCIPAL ENGINEER		11/14/03
TRAFFIC ENGINEER		11/14/03
PARKS DEPARTMENT		
INSPECTION		11/14/03
SURVEYOR		11/14/03
STREET SERVICES		11/14/03

APPROVED BY: CITY ENGINEER
DATE: 11/14/03

TYLER STREET WIDENING

FROM STATION: 146+00
TO STATION: 157+00

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

ACCT. NO. 953463021 4-440302XX

R-3575

SHEET 10 OF 13

FILE NO.

INDEXED 5-24-04 4th

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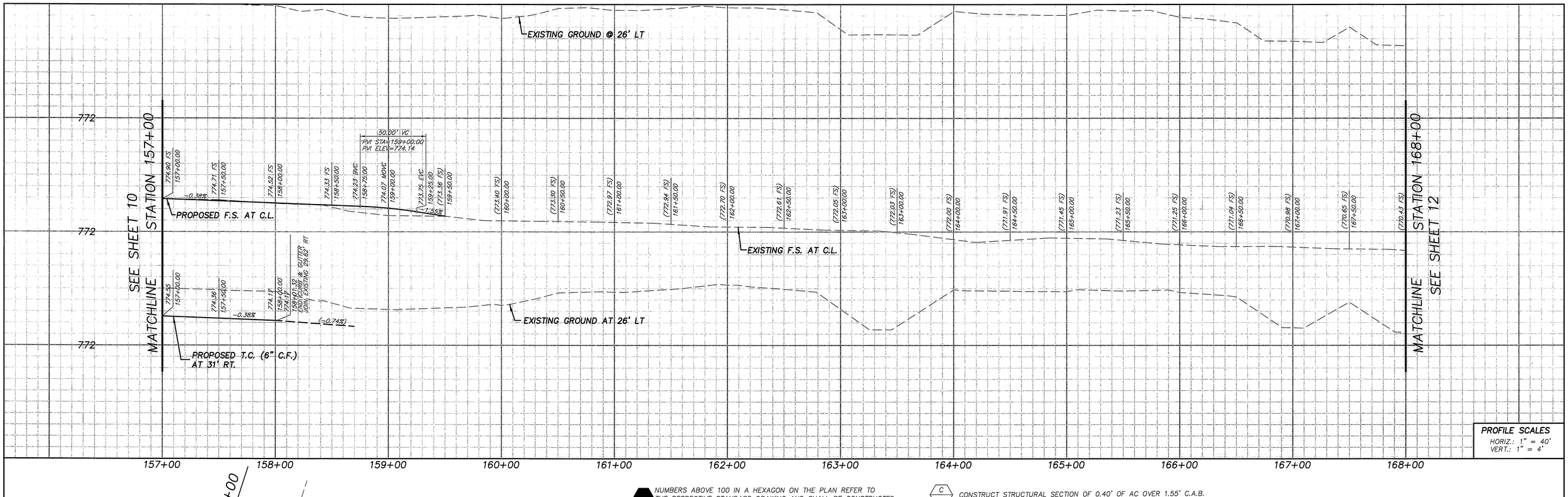


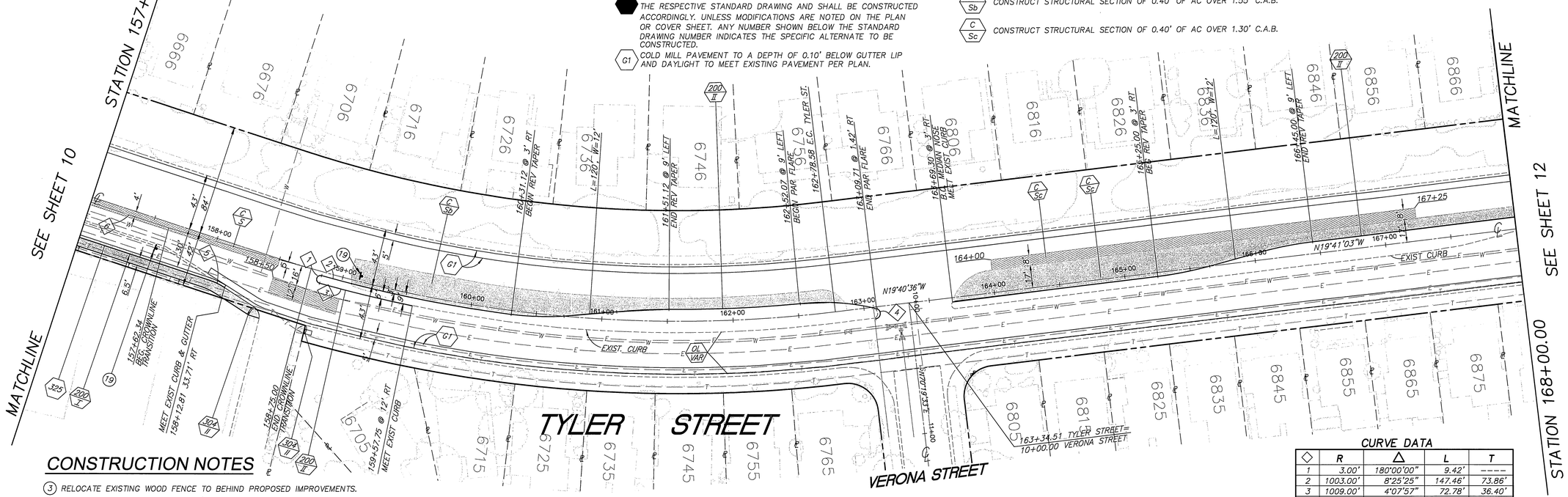
PROFILE SCALES
HORIZ.: 1" = 40'
VERT.: 1" = 4'

NUMBERS ABOVE 100 IN A HEXAGON ON THE PLAN REFER TO THE RESPECTIVE STANDARD DRAWING AND SHALL BE CONSTRUCTED ACCORDINGLY. UNLESS MODIFICATIONS ARE NOTED ON THE PLAN OR COVER SHEET. ANY NUMBER SHOWN BELOW THE STANDARD DRAWING NUMBER INDICATES THE SPECIFIC ALTERNATE TO BE CONSTRUCTED.

G1 COLD MILL PAVEMENT TO A DEPTH OF 0.10' BELOW GUTTER LIP AND DAYLIGHT TO MEET EXISTING PAVEMENT PER PLAN.

C Sb CONSTRUCT STRUCTURAL SECTION OF 0.40' OF AC OVER 1.55' C.A.B.

C Sc CONSTRUCT STRUCTURAL SECTION OF 0.40' OF AC OVER 1.30' C.A.B.



CONSTRUCTION NOTES

(3) RELOCATE EXISTING WOOD FENCE TO BEHIND PROPOSED IMPROVEMENTS.

(19) SEE SIGNING AND STRIPING PLANS FOR DETAILS

CURVE DATA

◇	R	Δ	L	T
1	3.00'	180°00'00"	9.42'	----
2	1003.00'	8°25'25"	147.46'	73.86'
3	1009.00'	4°07'57"	72.78'	36.40'
4	4.00'	157°03'55"	10.97'	19.72'
5	50.00'	14°50'35"	12.95'	6.51'
6	----	N05°18'25"	62.22'	----

GRAPHIC SCALE 1" = 40'

REGISTERED PROFESSIONAL ENGINEER STEVE J. HOSFORD NO. 42280 EXP. 03/31/04 CIVIL STATE OF CALIFORNIA

DESIGNED BY:	DRAWN BY:	CHECKED BY:
AE/JP	AE/GS	SJH

PLANS PREPARED UNDER THE SUPERVISION OF:

STEVE J. HOSFORD RCE 42280 — DATE 10-31-03

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MARK	REVISIONS	APPR.	DATE

DESIGNED BY: AE/JP DRAWN BY: AE/GS CHECKED BY: SJH

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

APPROVED BY	BY	DATE
PRINCIPAL ENGINEER		11/13/03
TRAFFIC ENGINEER		11/13/03
PARKS DEPARTMENT	—	
INSPECTION		11/13/03
SURVEYOR		11/13/03
STREET SERVICES		

APPROVED BY: CITY ENGINEER
DATE: 12/2/03

TYLER STREET WIDENING

FROM STATION: 157+00
TO STATION: 168+00

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

ACCT. NO. 953463021 4-440302XX

R-3575

SHEET 11 OF 13

FILE NO.

INDEXED 5-24-04 JH

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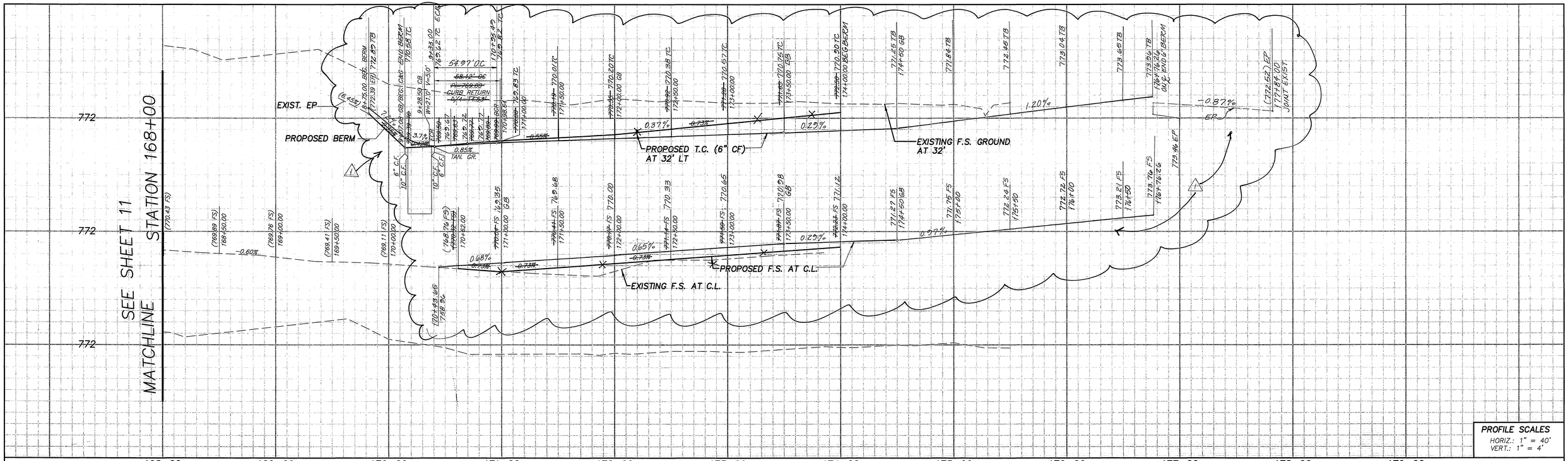

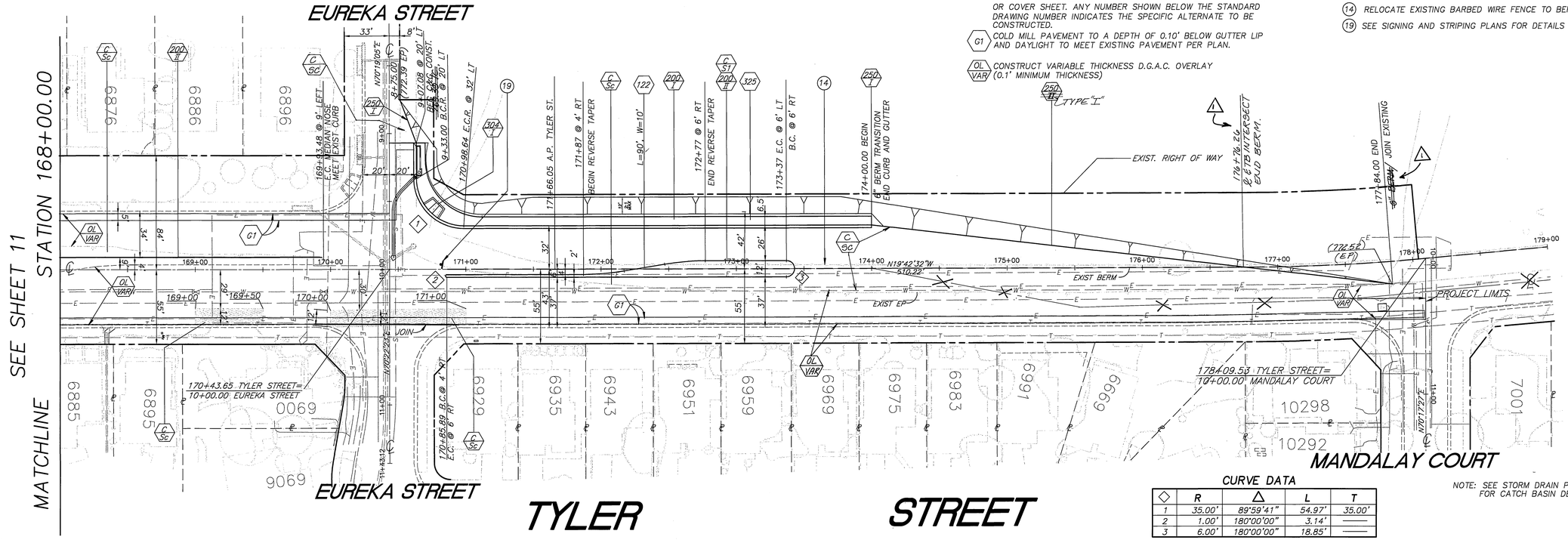

NUMBERS ABOVE 100 IN A HEXAGON ON THE PLAN REFER TO THE RESPECTIVE STANDARD DRAWING AND SHALL BE CONSTRUCTED ACCORDINGLY. UNLESS MODIFICATIONS ARE NOTED ON THE PLAN OR COVER SHEET, ANY NUMBER SHOWN BELOW THE STANDARD DRAWING NUMBER INDICATES THE SPECIFIC ALTERNATE TO BE CONSTRUCTED.

G1 COLD MILL PAVEMENT TO A DEPTH OF 0.10' BELOW GUTTER LIP AND DAYLIGHT TO MEET EXISTING PAVEMENT PER PLAN.

OL VAR CONSTRUCT VARIABLE THICKNESS D.G.A.C. OVERLAY (0.1' MINIMUM THICKNESS)

CONSTRUCTION NOTES

(14) RELOCATE EXISTING BARBED WIRE FENCE TO BEHIND PROPOSED IMPROVEMENTS.

(19) SEE SIGNING AND STRIPING PLANS FOR DETAILS

NOTE: SEE STORM DRAIN PLANS FOR CATCH BASIN DESIGN

CURVE DATA

◇	R	△	L	T
1	35.00'	89°59'41"	54.97'	35.00'
2	1.00'	180°00'00"	3.14'	——
3	6.00'	180°00'00"	18.85'	——

GRAPHIC SCALE
1" = 40'

REGISTERED PROFESSIONAL ENGINEER STEVE J. HOSFORD NO. 42280 EXP. 03/31/04 CIVIL STATE OF CALIFORNIA

DESIGNED BY:	DRAWN BY:	CHECKED BY:
AE/JP	AE/GS	SJH

PLANS PREPARED UNDER THE SUPERVISION OF:

STEVE J. HOSFORD RCE 42280 — DATE 10-31-03

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MARK	REVISIONS	APPR.	DATE
1	PROFILE REVISION	SJH	1/8/04

DESIGNED BY: AE/JP DRAWN BY: AE/GS CHECKED BY: SJH

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

APPROVED BY	BY	DATE
PRINCIPAL ENGINEER		11/12/03
TRAFFIC ENGINEER		11/12/03
PARKS DEPARTMENT		
INSPECTION		11/12/03
SURVEYOR		11/12/03
STREET SERVICES		11/12/03

APPROVED BY: CITY ENGINEER
DATE: 12/12/03

TYLER STREET WIDENING

FROM STATION: 168+00
TO STATION: 179+00

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

ACCT. NO. 9534630214-440302XX

R-3575

SHEET 12 OF 13

FILE NO.

INDEXED 5-24-04 JH

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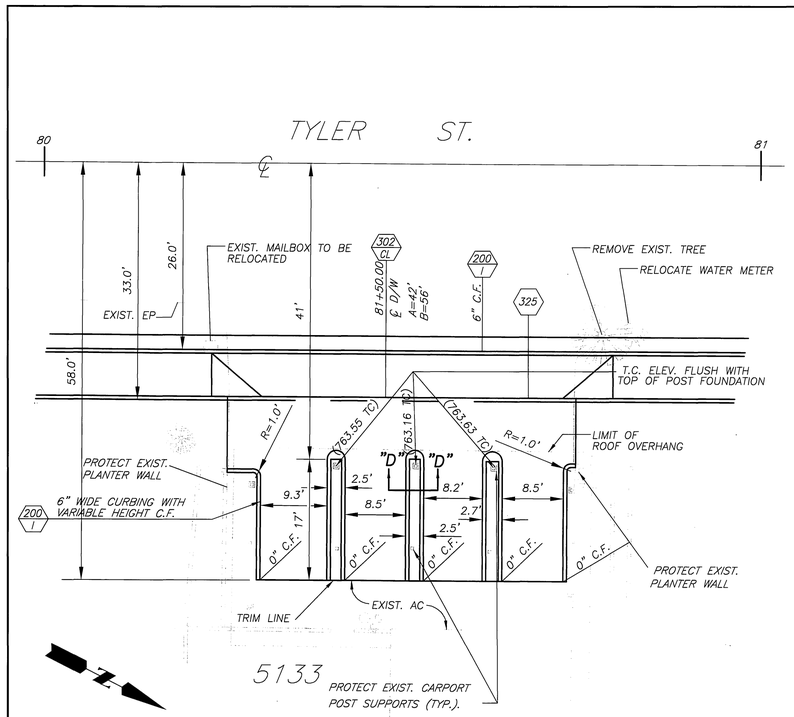


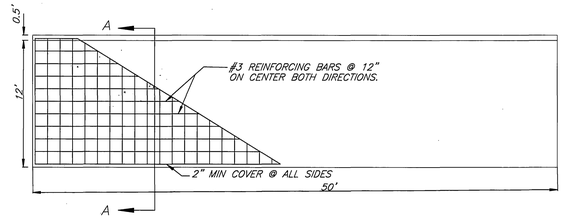
CAR PORT DETAIL 5133

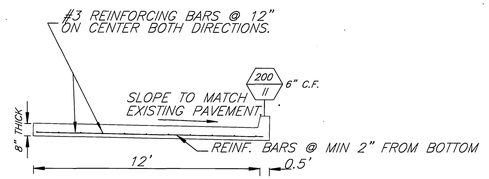
GRAPHIC SCALE
10 0 5 10 20
1" = 10'

(2) RELOCATE EXISTING CHAIN LINK FENCE TO BEHIND PROPOSED IMPROVEMENTS.

(31) CONSTRUCT METAL HAND RAILINGS PER A.P.W.A. STANDARD PLAN NO. 606-1 TYPE A.

(34) CONSTRUCT RETAINING WALL-6" TOE PER CITY OF RIVERSIDE BUILDING DIVISION STANDARD DETAIL.





SECTION A-A

CONSTRUCTION NOTES

(1) SLAB SHALL BE CONSTRUCTED OVER A MIN. 6" CRUSHED AGGREGATE BASE. BASE SHALL BE COMPACTED TO 95%.

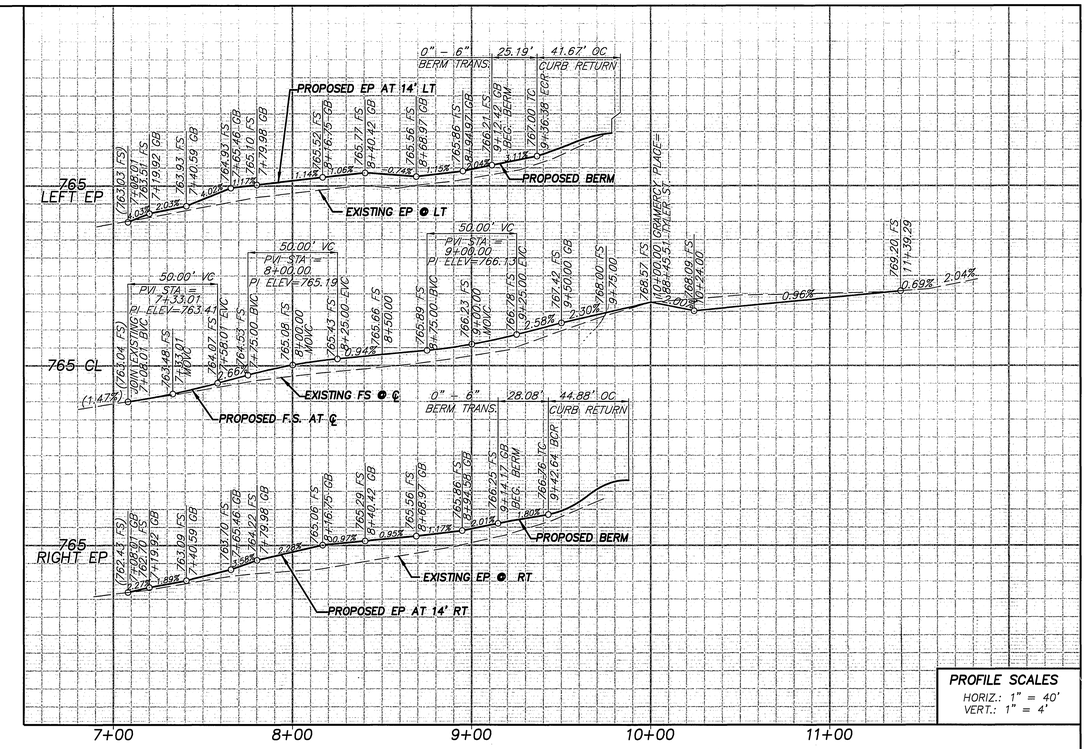
(2) SLAB AND CURB SHALL BE POURED MONOLITHIC.

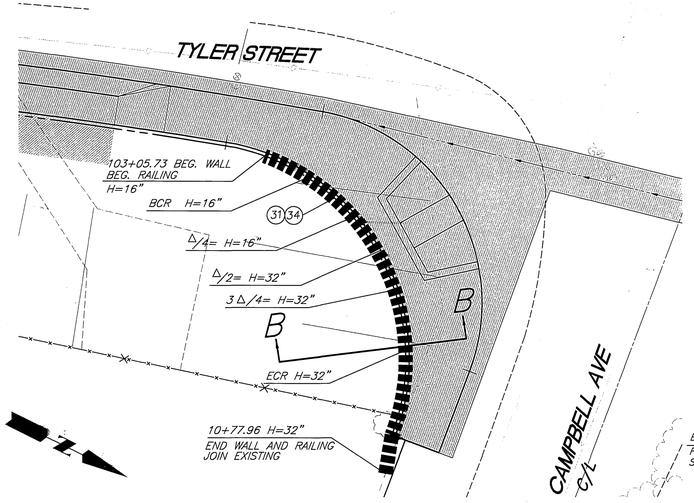
(3) CONCRETE CLASS SHALL BE 560-C-3250

(4) LONGITUDINAL JOINT SPACING SALL BE AT 10'.

REINFORCED CONCRETE BUS STOP DETAIL

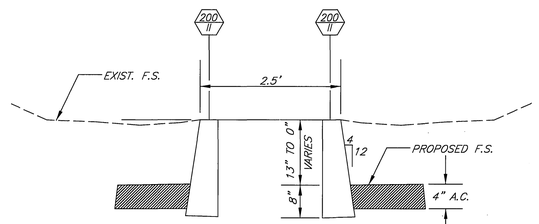
N.T.S.





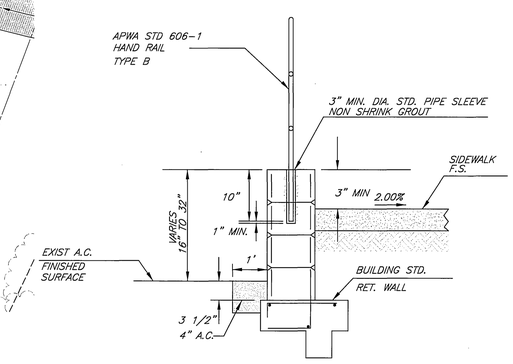
CAMPBELL WALL DETAIL

GRAPHIC SCALE
10 0 5 10 20
1" = 10'



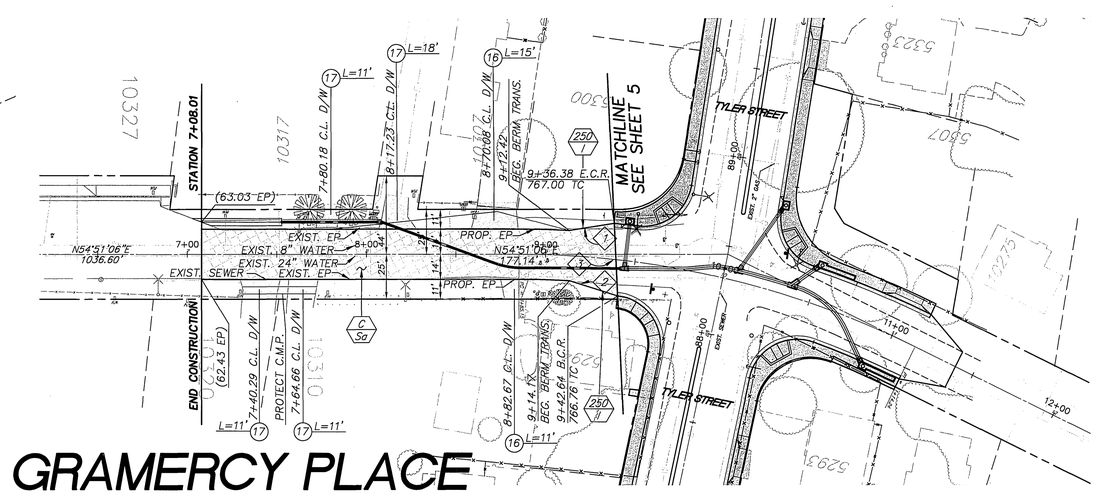
SECTION "D - D"

N.T.S.



SECTION "B - B"

N.T.S.



GRAMERCY PLACE

CONSTRUCTION NOTES

NUMBERS ABVOE 100 IN A HEXAGON ON THE PLAN REFER TO THE RESPECTIVE STANDARD DRAWING AND SHALL BE CONSTRUCTED ACCORDINGLY. UNLESS MODIFICATIONS ARE NOTED ON THE PLAN OR COVER SHEET. ANY NUMBER SHOWN BELOW THE STANDARD DRAWING NUMBER INDICATES THE SPECIFIC ALTERNATE TO BE CONSTRUCTED.

(C / Sa) CONSTRUCT STRUCTURAL SECTION OF 0.40' OF AC OVER 1.15' C.A.B.

(16) REGRADE EXISTING DIRT DRIVEWAY PER LIMITS AND LENGTHS SHOWN

(17) CONSTRUCT 4" THICK A_1C. DRIVEWAY PER LIMITS AND LENGHTS SHOWN

CURVE DATA

◇	R	△	L	T
1	-----	N47°50'52"E	25.19'	-----
2	-----	N71°36'13"E	28.08'	-----
3	500.00'	13°09'37"	114.85'	57.68'

GRAPHIC SCALE
40 0 20 40 80
1" = 40'

REGISTERED PROFESSIONAL ENGINEER STEVE J. HOSFORD NO. 42280 EXP. 03/31/04 CIVIL STATE OF CALIFORNIA

DESIGNED BY:	DRAWN BY:	CHECKED BY:
AE/JP	AE/GS	SJH

PLANS PREPARED UNDER THE SUPERVISION OF:

STEVE J. HOSFORD RCE 42280 — 10-31-03 DATE

AEI•CASC ENGINEERING
937 SOUTH VIA LATA
SUITE 500
COLTON, CA 92324
PH. (909) 783-0101 FAX (909) 783-0108

Underground Service Alert
CALL BEFORE YOU DIG
Call: TOLL FREE
1-800
227-2600
TWO WORKING DAYS BEFORE YOU DIG

MARK	REVISIONS	APPR.	DATE

DESIGNED BY: AE/JP DRAWN BY: AE/GS CHECKED BY: SJH

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

APPROVED BY	BY	DATE
PRINCIPAL ENGINEER	PA	11/13/03
TRAFFIC ENGINEER		11/13/03
PARKS DEPARTMENT		
INSPECTION		11/13/03
SURVEYOR		11/5/03
STREET SERVICES		11/6/03

APPROVED BY: CITY ENGINEER
DATE: 12/14/03

TYLER STREET WIDENING
DETAIL SHEET
GRAMERCY PLACE
HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 4'

ACCT. NO. 9534630214-440302XX
R-3575
SHEET 13 OF 13
FILE NO.

INDEXED 5-29-04 GH

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