

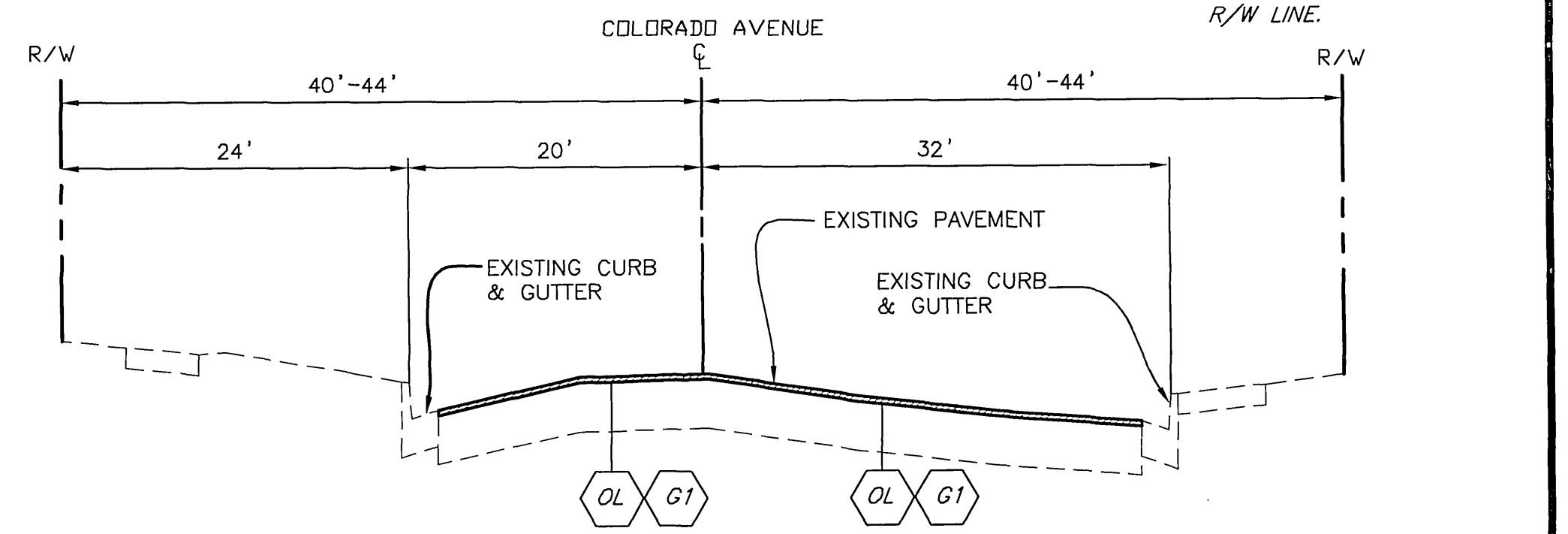
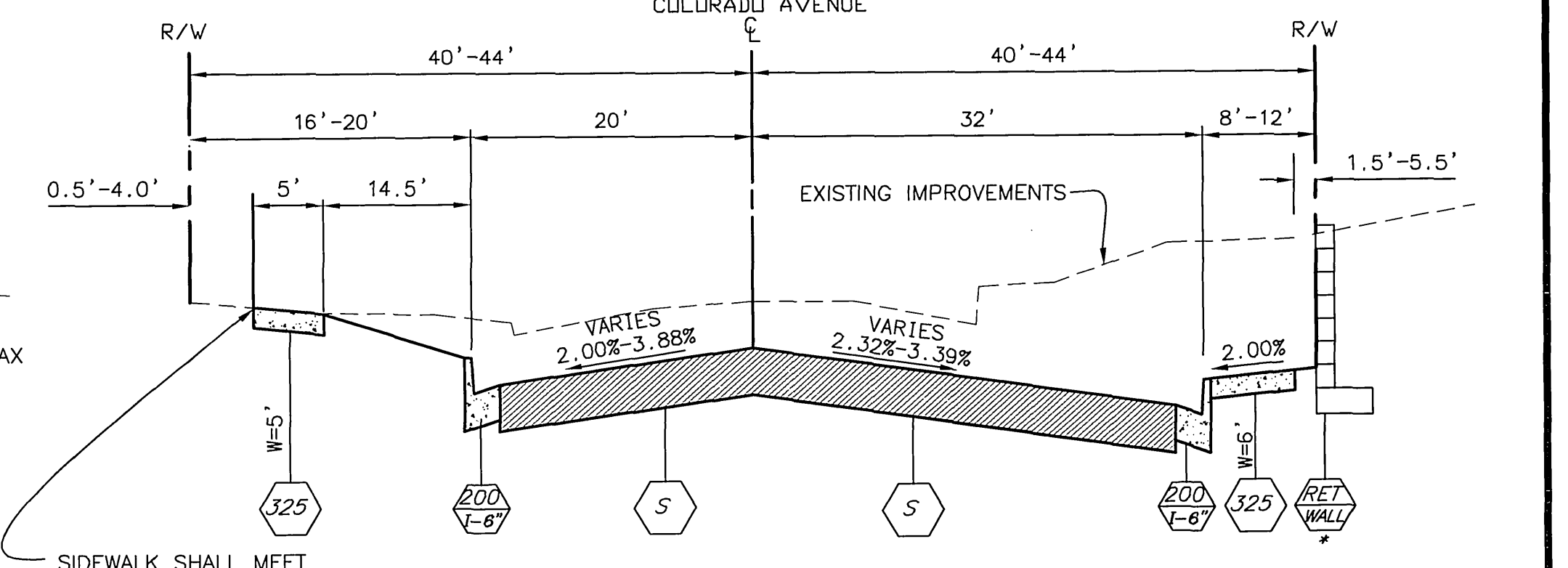
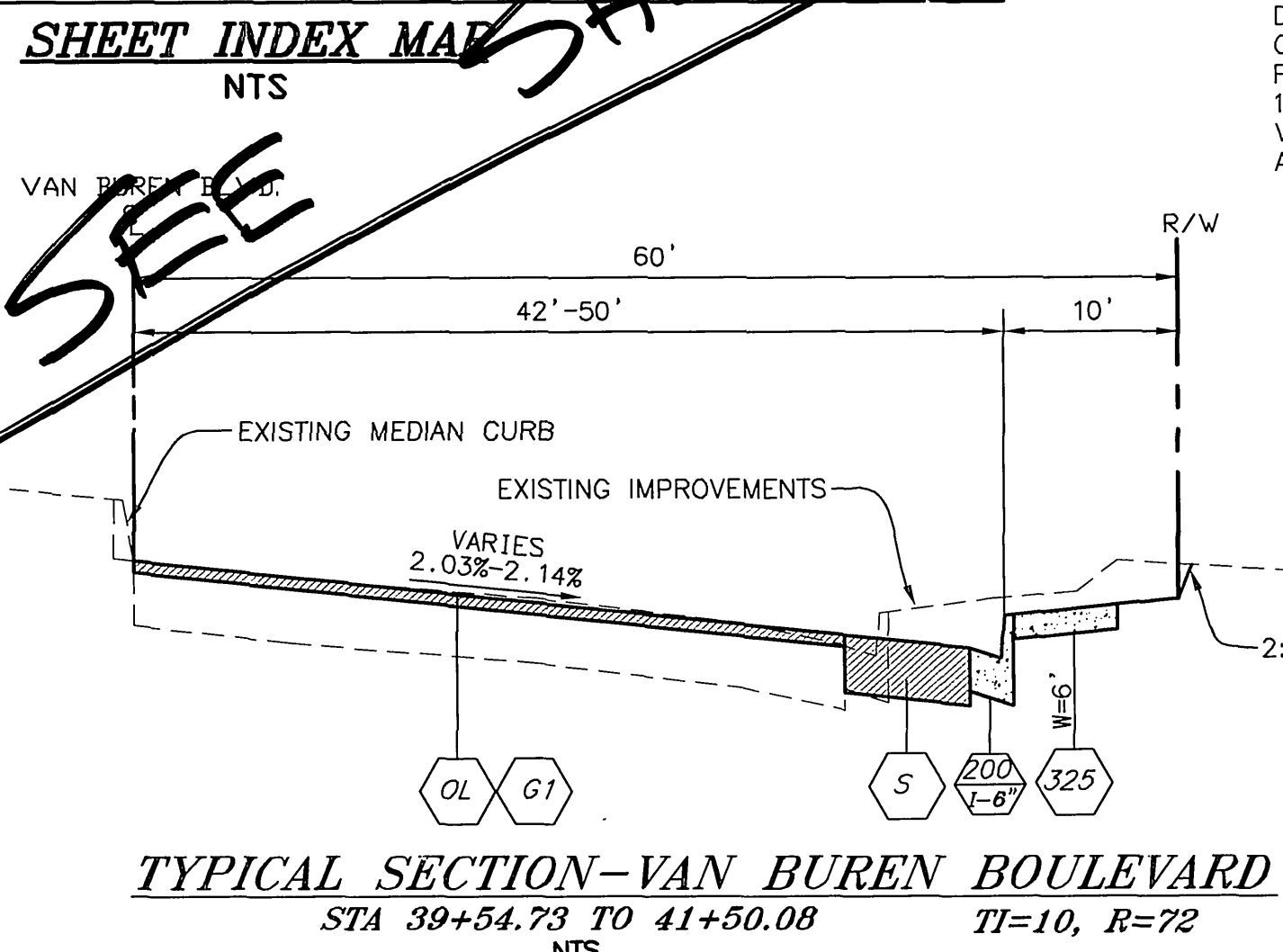
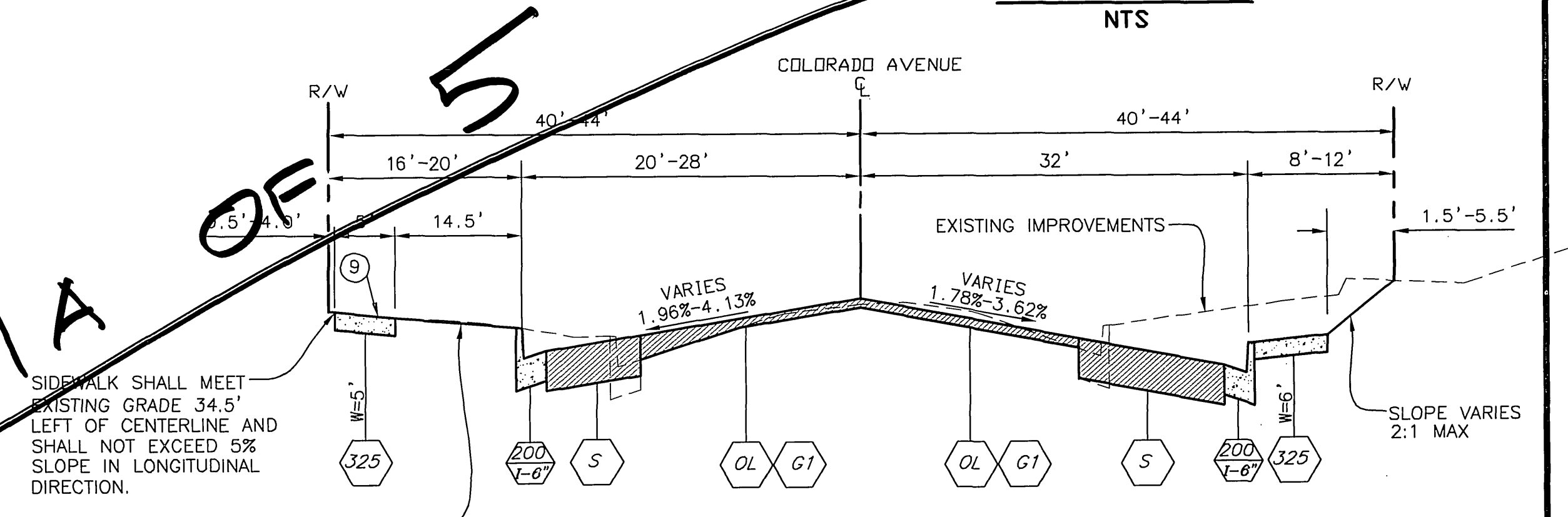
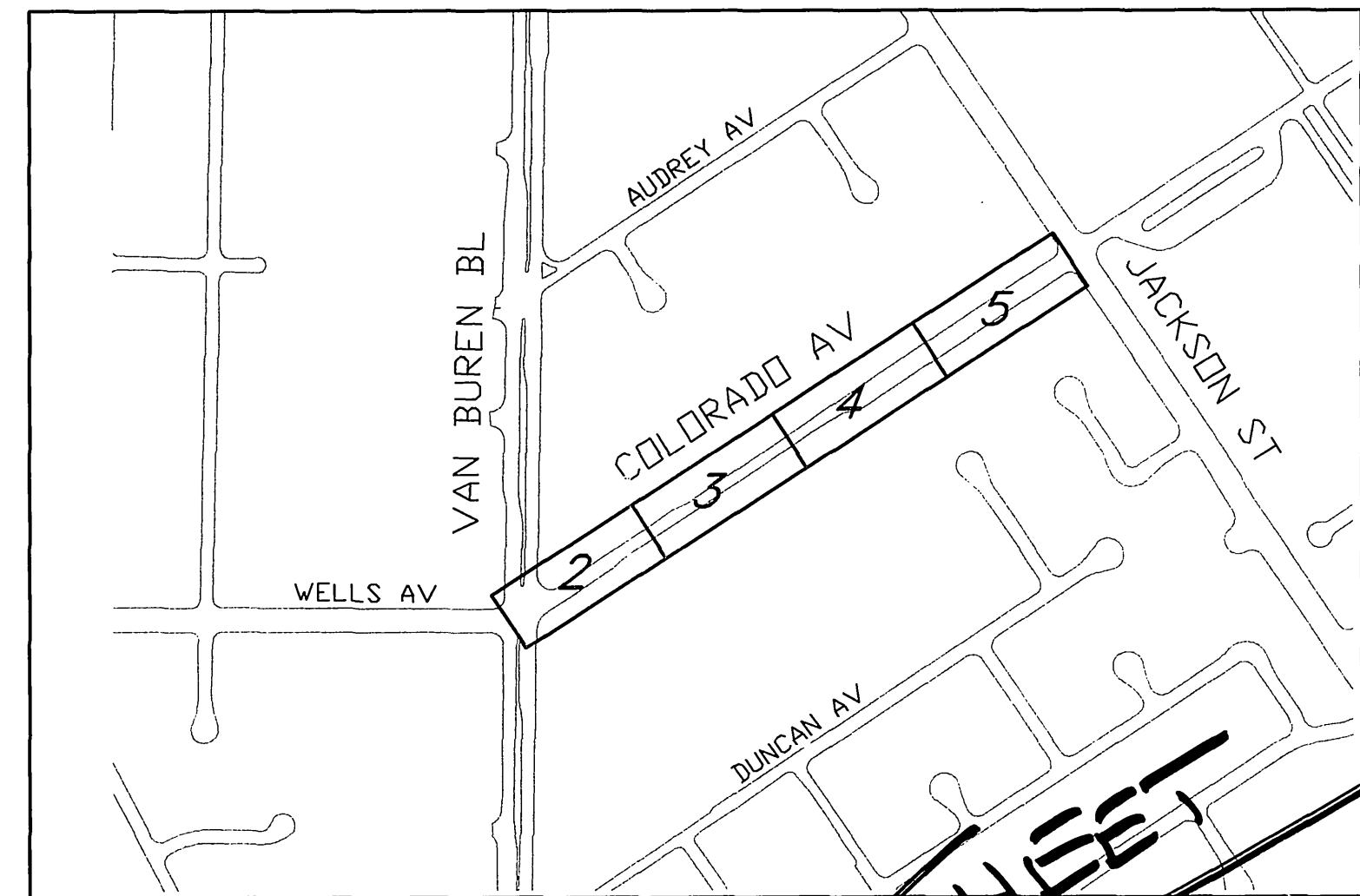
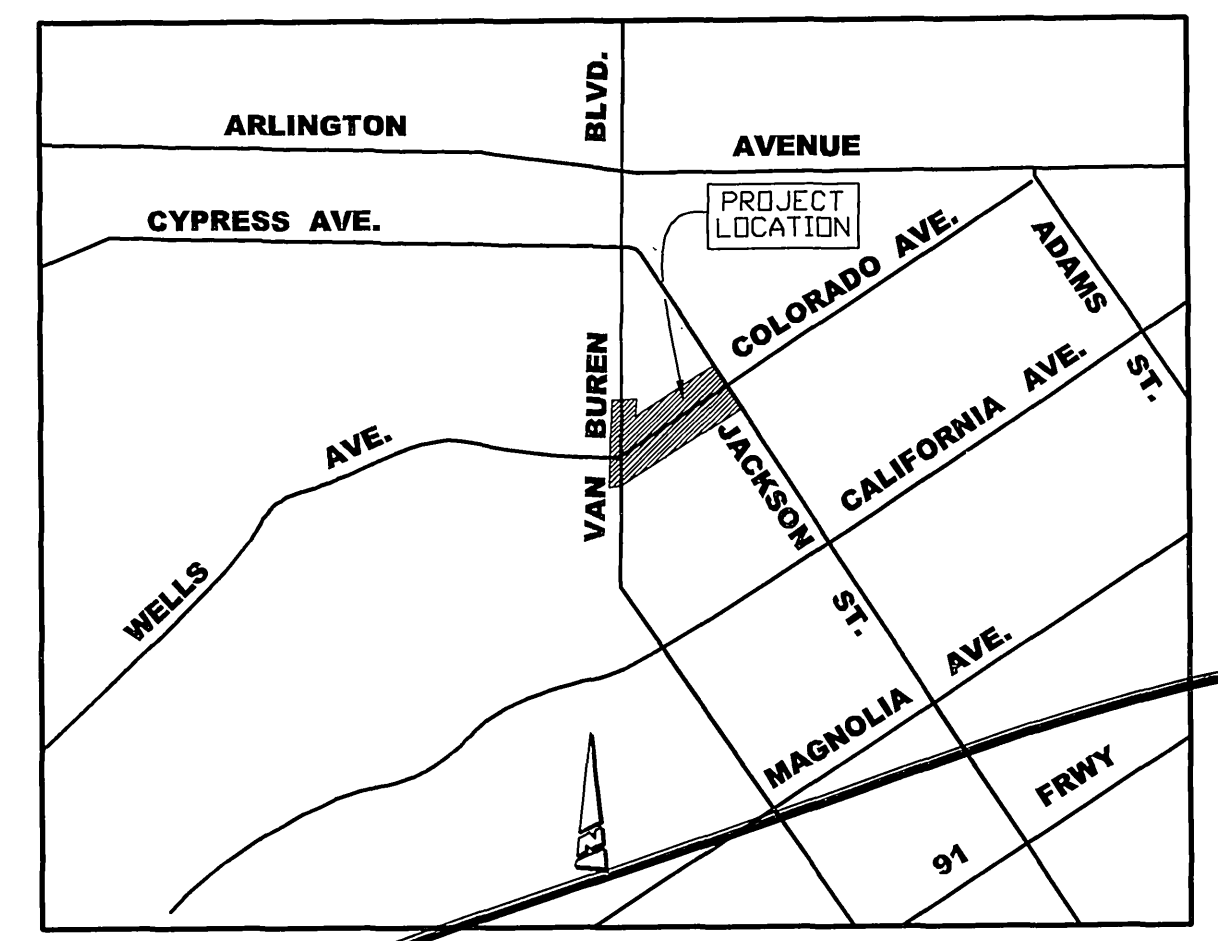
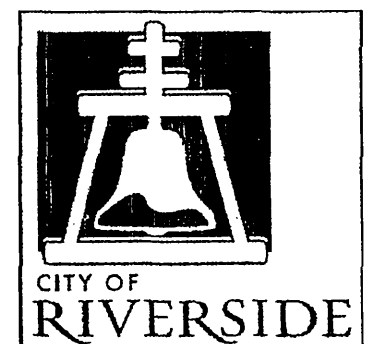
CONSTRUCTION NOTES:

- 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 TO GRADE, DESCRIPTION PER PLAN. (MH) SEWER, STORM DRAIN, ELECTRIC OR WATER MANHOLE. (WM) WATER METER OR VAULT. (IRR) IRRIGATION FACILITIES. (GV) GATE VALVE. (PB) PULL BOX.
- G1 COLD MILL EXISTING A.C. PAVEMENT UNIFORMLY 0.15' DEEP. EXISTING GRADES SHALL BE MAINTAINED UNLESS OTHERWISE NOTED.
- G2 COLD MILL EXISTING A.C. PAVEMENT TO A MIN. DEPTH OF 0.1' OVER 10'.
- OL CONSTRUCT VARIABLE THICKNESS A.R.H.M.-GG AC OVERLAY (0.10' MIN. THICKNESS). THICKNESS OF VARIABLE OVERLAY SHALL BE 0.1' MIN. AND 0.2' MAX. WHERE VARIABLE OVERLAY EXCEEDS 0.2' A 0.1' MIN D.G.A.C. LEVELING COURSE SHALL BE PROVIDED.
- PIP PROTECT IN PLACE, ITEMS AS INDICATED.
- RELOC SIGN REMOVE &/OR RELOCATE EXIST. SIGN(SEE TRAFFIC PLANS)
- R REMOVE BUSHES/TREES AS NEEDED, (CLASS I 6"-18", CLASS II 18"-36", CLASS III OVER 36"). ALL TREES TO BE REMOVED BY CITY FORCES PRIOR TO CONSTRUCTION.
- W WATER FACILITIES TO BE RELOCATED BY PUBLIC UTILITIES DEPARTMENT, WATER DIVISION.
- E ELECTRIC FACILITIES TO BE RELOCATED BY PUBLIC UTILITIES DEPARTMENT, ELECTRIC DIVISION.
- TR FOR RELOCATION/REMOVAL OF TRAFFIC FACILITY, SEE SIGNAL AND STRIPING PLANS.
- TEL TELEPHONE FACILITIES TO BE RELOCATED BY PACIFIC BELL.
- SL EXISTING STREET LIGHT TO BE RELOCATED BY CONTRACTOR BY APPROVED METHODS AS DESCRIBED IN THE SPECIAL PROVISIONS.
- S CONSTRUCT MIN. 0.1' ARRH-GG-C GAP OVER 0.60' AC PAVEMENT B-PG-64-10 OVER COMPACTED NATIVE.
- RET WALL CONSTRUCT 8" TO 48" TALL DECORATIVE SPLIT FACE (6"X8"X16" GREY CONCRETE BLOCK) RETAINING WALL PER CITY STD. DWG. NO. 707 BEHIND RIGHT OF WAY LINE AND ADJACENT TO DRIVEWAYS WHERE SHOWN ON PLAN. TOP OF FOOTING SHALL BE AT LEAST 6" BELOW FINISHED SURFACE AND SHOULD BE PLACED AT SAME GRADE AS STREET OR DRIVEWAY. WALL SHALL HAVE MATCHING SPLIT FACE DECORATIVE CAP. SEE DRAINAGE DETAIL ON SHEET 5.
- DOORS CONTRACTOR TO RECONSTRUCT TRAFFIC LOOPS AS NEEDED.
- 1 MATCHUP TO EXISTING DRIVEWAY WITH 4" THICK AC PAVEMENT OVER 95% COMPACTED NATIVE.
- 2 MATCHUP TO EXISTING DRIVEWAY WITH 6" THICK PCC CONCRETE OVER COMPACTED NATIVE.
- 3 RELOCATE EXISTING SWINGING CHAIN LINK GATE TO NEW LOCATION SHOWN ON PLAN AND MATCH FINISHED DRIVEWAY GRADE AT 9258, 9222 AND 9210 COLORADO AVENUE. REMOVE EXISTING SLIDING CHAIN LINK GATE AND REPLACE WITH SWINGING GATE AT NEW LOCATION SHOWN ON PLAN AND MATCH FINISHED DRIVEWAY GRADE AT 9244(2), 9230 AND 9216 COLORADO AVENUE. RELOCATE SLIDING CHAIN LINK GATE AND TRACK BEHIND NEW IMPROVEMENTS AT 9211 COLORADO AVENUE. RECONSTRUCT EXISTING SLIDING CHAIN LINK FENCE AND GATE AND MOTOR AS NECESSARY TO MATCH NEW GRADE OF PROPOSED IMPROVEMENTS AT 9272 COLORADO AVENUE. ADJUST EXISTING SWINGING CHAIN LINK FENCE AND GATE VERTICALLY TO MATCH GRADE OF NEW IMPROVEMENTS AT SECOND DRIVEWAY AT 9258 COLORADO AVENUE.
- 4 CONSTRUCT VARIABLE 6" TO 18" RETAINING CURB OR GRADE SLOPE AS DIRECTED BY FIELD ENGINEER.
- 5 RELOCATE CHAIN LINK FENCE BEHIND NEW IMPROVEMENTS.
- 6 REMOVE EXISTING WALL AND WROUGHT IRON FENCE WITH PILASTERS. CONSTRUCT NEW RETAINING WALL (H=4' MAX) PER CITY STD. DWG. NO. 707. PILASTERS WROUGHT IRON FENCE AND GATE AS SHOWN ON PLAN TO MATCH EXISTING ARCHITECTURAL APPEARANCE. RECONSTRUCT EASTERLY GATE WITH SWINGING GATE AND REMOVE WESTERLY GATE. TOP OF FOOTING SHALL BE AT LEAST 6" BELOW FINISHED SURFACE AND SHOULD BE PLACED AT SAME GRADE AS STREET OR DRIVEWAY. SEE DRAINAGE DETAIL ON SHEET 5.
- 7 SAWCUT AND REMOVE ALL EXISTING IMPROVEMENTS AS INDICATED.
- 8 CONSTRUCT 42" TALL CHAIN LINK FENCE WHERE SHOWN ON PLAN.
- 9 FROM STA. 14+73± TO STA. 15+50± SIDEWALK SHALL SLOPE AT 2% TOWARD PROPERTY. CONTRACTOR SHALL PROVIDE STRAIGHT GRADE TRANSITION BACK TO 2% TOWARD STREET OVER LENGTH OF 10' OUTSIDE OF STATION RANGE.
- 10 CONSTRUCT WALL DRAINAGE PER DETAILS ON SHEET 5. **DEPTH (D) OF CROSS GUTTER SHALL BE MODIFIED FROM STANDARD DRAWING & SHALL BE 0.1' DEEP AT FLOWLINE.**

RIVERSIDE CALIFORNIA

PUBLIC WORKS DEPARTMENT

COLORADO AVENUE STREET IMPROVEMENTS



GENERAL NOTES:

1. CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF RIVERSIDE STANDARD DRAWINGS AND STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 2006 EDITION.
2. ALL ELEVATIONS SHOWN IN THE PLAN VIEW SHALL BE STAKED IN THE FIELD, EXCEPT FOR ELEVATIONS SHOWN IN PARENTHESIS WHICH DENOTE EXISTING GRADES.
3. CUT AND FILL SLOPES SHALL BE 2:1 OR FLATTER UNLESS OTHERWISE SHOWN ON THE PLAN.
4. EXISTING UTILITIES SHOWN ON THE PLANS, ARE PLOTTED FROM UTILITY RECORDS THE CONTRACTOR IS REQUIRED TO TAKE THE PRECAUTIONARY MEASURES TO LOCATE AND PROTECT ALL UTILITIES WHETHER OR NOT SHOWN ON THESE PLANS.
5. EXISTING UTILITIES TO BE RELOCATED PRIOR TO AND DURING CONSTRUCTION AS INDICATED IN THE SPECIAL PROVISIONS.
6. UNLESS OTHERWISE NOTED ON PLANS, CONTRACTOR SHALL PROTECT IN PLACE ALL EXISTING LANDSCAPING AND IMPROVEMENTS ON PRIVATE PROPERTY WHICH ARE NOT IN CONFLICT WITH PROPOSED IMPROVEMENTS.

R-4123 SHEET INDEX:

SHEET NO.	DESCRIPTION
1	TITLE SHEET & NOTES
2	COLORADO AVENUE IMPROVEMENTS (STA. 10+00 TO 14+50)
3	COLORADO AVENUE IMPROVEMENTS (STA. 14+50 TO 19+50)
4	COLORADO AVENUE IMPROVEMENTS (STA. 19+50 TO 24+50)
5	COLORADO AVENUE IMPROVEMENTS (STA. 24+50 TO 29+50)

SHEET INDEX: D-840 STORM DRAIN IMPROVEMENTS

SHEET NO.	DESCRIPTION
1	STORM DRAIN IMPROVEMENTS VAN BUREN BOULEVARD AND COLORADO AVENUE

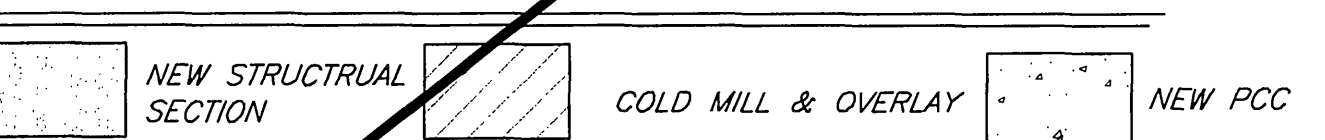
SHEET INDEX: X-430A TRAFFIC SIGNAL PLAN

SHEET NO.	DESCRIPTION
1	TRAFFIC SIGNAL PLAN FOR VAN BUREN BOULEVARD AND COLORADO STREET

SHEET INDEX: XL-367 SIGNING AND STRIPING PLAN

SHEET NO.	DESCRIPTION
1	SIGNING AND STRIPING

HATCHING LEGEND



EXISTING UNDERGROUND UTILITIES:

SANITARY SEWER	(SS)
WATER LINE	(W)
GAS	(G)
UNDERGROUND ELECTRIC	(UE)
UNDERGROUND CABLE	(UC)
UNDERGROUND TELEPHONE	(UT)
OVERHEAD ELECTRIC	(OE)
OVERHEAD CABLE	(OC)
OVERHEAD TELEPHONE	(OT)



BENCHMARK G3-A2
ELEVATION: 742.228
BRASS DISK STAMPED "G3-A" IN A WELL MONUMENT AT THE INTERSECTION OF VAN BUREN BLVD. AND COLORADO AVE.

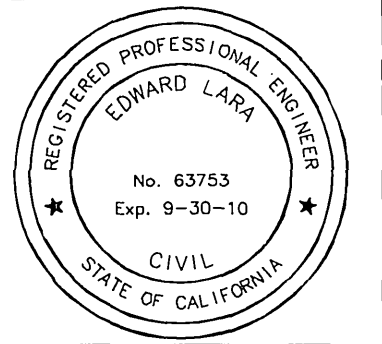
EXISTING TOPOGRAPHY:

BO	BLOW-OFF VALVE	SS	SANITARY SEWER M.H.
T	TRAFFIC SIGN	SD	STORM DRAIN M.H.
PP	POWER POLE	WG	WATER GATE VALE
GA	GUY ANCHOR	EM	ELECTRIC M.H.
SL	STREET LIGHT ON MAST ARM	TM	TELEPHONE M.H.
ETS	ELECTRICAL TEST STATION (PIPELINE)	WM	WATER METER
IM	IRRIGATION METER	FS	FIRE HYDRANT
		TS	TREE STUMP

LEGEND

STREET CENTERLINE	PP	POWER POLE
STREET R/W	SL	STREET LIGHT
WATER LINE	WIF	WROUGHT IRON FENCE
DRAINAGE SWALE	CLF	CHAIN LINK FENCE
RETAINING WALL	S/LY	SOUTHERLY CURB AND GUTTER
(754.76) EXISTING ELEVATION	R/W	RIGHT OF WAY
754.76 PROPOSED ELEVATION	V.C.	VERTICAL CURVE
TC TOP OF CURB	BVC	BEGIN VERTICAL CURVE
EP EDGE OF PAVEMENT	EVC	END VERTICAL CURVE
FL FLOWLINE	PRC	POINT OF REVERSE CURVATURE
FS FINISHED SURFACE	RCP	REINFORCED CONCRETE PIPE
MB MAILBOX	N'LY	NORTHERLY
CL CENTERLINE		
GE GRADE BREAK		
AC ASPHALTIC CONCRETE		
PCC PORTLAND CEMENT CONCRETE		
STA STREET STATION		
PI POINT OF INTERSECTION		

ENGINEER IN RESPONSIBLE CHARGE
Edward Lara
EDWARD LARA
R.C.E. No. 63753 expires 9/30/10
DATE September 22, 2009



MARK	REVISIONS	APPR.	DATE

APPROVED BY	BY	DATE
SURVEYOR	CS	9/22/09
STREET SERVICES	AS	9/22/09
CONSTRUCTION ADMIN.	AS	9/22/09
ENGINEERING MANAGER	AS	9/22/09
	TR	9/22/09

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

APPROVED BY
Tom G. ...
CITY ENGINEER

DATE 10/7/09

COLORADO AVENUE STREET IMPROVEMENTS
VAN BUREN BLVD. TO JACKSON ST.

TITLE SHEET AND NOTES

HORIZ. SCALE: N/A VERT. SCALE: N/A

DESIGN W.D. NO.: 0906815
CONSTRUCTION W.D. NO.: 1013048

R-4123

SHEET 1 OF 5

FILE NO.

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.
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- G1 COLD MILL EXISTING A.C. PAVEMENT UNIFORMLY 0.15' DEEP. EXISTING GRADES SHALL BE MAINTAINED UNLESS OTHERWISE NOTED.
- G2 COLD MILL EXISTING A.C. PAVEMENT TO A MIN. DEPTH OF 0.1' OVER 10'.
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- PIP PROTECT IN PLACE, ITEMS AS INDICATED.
- REMO REMOVE &/OR RELOCATE EXIST. SIGN(SEE TRAFFIC PLANS)
- R II REMOVE BUSHES/TREES AS NEEDED. (CLASS I 6"-18", CLASS II 18"-36", CLASS III OVER 36"). ALL TREES TO BE REMOVED BY CITY FORCES PRIOR TO CONSTRUCTION.
- W WATER FACILITIES TO BE RELOCATED BY PUBLIC UTILITIES DEPARTMENT, WATER DIVISION.
- E ELECTRIC FACILITIES TO BE RELOCATED BY PUBLIC UTILITIES DEPARTMENT, ELECTRIC DIVISION.
- TR FOR RELOCATION/REMOVAL OF TRAFFIC FACILITY, SEE SIGNAL AND STRIPING PLANS.
- TEL TELEPHONE FACILITIES TO BE RELOCATED BY PACIFIC BELL.
- R&R PCC REMOVE FAILED OR DECAYED PCC SIDEWALK AND CONSTRUCT NEW SIDEWALK PER PLANS AND CITY STD 325.
- S CONSTRUCT MIN. 0.1' ARHH-GG-C CAP OVER 0.40' AC PAVEMENT B-PG-64-10 OVER 0.80' CRUSHED MISCELLANEOUS BASE.
- RET WALL CONSTRUCT 8" TO 48" TALL DECORATIVE SPLIT FACE (6"X8"X16" GREY CONCRETE BLOCK) RETAINING WALL PER CITY STD. DWG. NO. 707 BEHIND RIGHT OF WAY LINE AND ADJACENT TO DRIVEWAYS WHERE SHOWN ON PLAN. TOP OF FOOTING SHALL BE AT LEAST 6" BELOW FINISHED SURFACE AND SHOULD BE PLACED AT SAME GRADE AS STREET OR DRIVEWAY. WALL SHALL HAVE MATCHING SPLIT FACE DECORATIVE CAP. SEE DRAINAGE DETAIL ON SHEET 5.
- LOOPS CONTRACTOR TO RECONSTRUCT TRAFFIC LOOPS AS NEEDED.
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- 7 SAWCUT AND REMOVE ALL EXISTING IMPROVEMENTS AS INDICATED.
- 8 CONSTRUCT 42" TALL CHAIN LINK FENCE WHERE SHOWN ON PLAN.
- 9 FROM STA. 14+73± TO STA. 15+50± SIDEWALK SHALL SLOPE AT 2% TOWARD PROPERTY. CONTRACTOR SHALL PROVIDE STRAIGHT GRADE TRANSITION BACK TO 2% TOWARD STREET OVER LENGTH OF 10' OUTSIDE OF STATION RANGE.
- 10 CONSTRUCT WALL DRAINAGE PER DETAILS ON SHEET 5.

GENERAL NOTES:

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R-4123 SHEET INDEX:

SHEET NO.	DESCRIPTION
1	TITLE SHEET & NOTES
2	COLORADO AVENUE IMPROVEMENTS (STA. 10+00 TO 14+50)
3	COLORADO AVENUE IMPROVEMENTS (STA. 14+50 TO 19+50)
4	COLORADO AVENUE IMPROVEMENTS (STA. 19+50 TO 24+50)
5	COLORADO AVENUE IMPROVEMENTS (STA. 24+50 TO 29+50)

SHEET INDEX: XL-367 SIGNING AND STRIPING PLAN

SHEET NO.	DESCRIPTION
1	SIGNING AND STRIPING

HATCHING LEGEND

	NEW STRUCTURAL SECTION		COLD MILL & OVERLAY		NEW PCC
--	------------------------	--	---------------------	--	---------

EXISTING UNDERGROUND UTILITIES:

SANITARY SEWER	(S)
WATER LINE	(W)
GAS	(G)
UNDERGROUND ELECTRIC	(E)
UNDERGROUND CABLE	(C)
UNDERGROUND TELEPHONE	(T)
OVERHEAD ELECTRIC	(OE)
OVERHEAD CABLE	(OC)
OVERHEAD TELEPHONE	(OT)

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

BENCHMARK G3-A2

ELEVATION: 742.228
BRASS DISK STAMPED "G3-A" IN A WELL MONUMENT AT THE INTERSECTION OF VAN BUREN BLVD. AND COLORADO AVE.

ENGINEER IN RESPONSIBLE CHARGE
Edward Lara
EDWARD LARA
R.C.E. No. 63753 expires 9/30/10
DATE November 3, 2009

REGISTERED PROFESSIONAL ENGINEER
EDWARD LARA
No. 63753
Exp. 9-30-10
CIVIL
STATE OF CALIFORNIA

REVISIONS	DATE
REVISOR	DATE
REVISOR	DATE
REVISOR	DATE

DESIGNED BY: CS DRAWN BY: CS CHECKED BY: EL

APPROVED BY	BY	DATE
SURVEYOR		
STREET SERVICES		
CONSTRUCTION ADMIN.		
ENGINEERING MANAGER		

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

APPROVED BY: _____
CITY ENGINEER

DATE: _____

COLORADO AVENUE STREET IMPROVEMENTS
VAN BUREN BLVD. TO JACKSON ST.

TITLE SHEET AND NOTES

HORIZ. SCALE: N/A VERT. SCALE: N/A

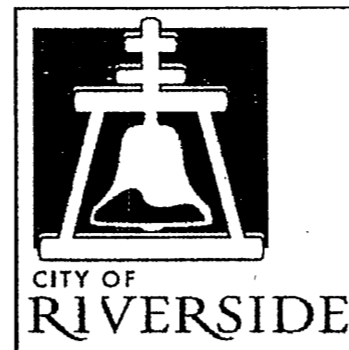
DESIGN NO. 0906815
CONSTRUCTION NO. 1013048

R-4123

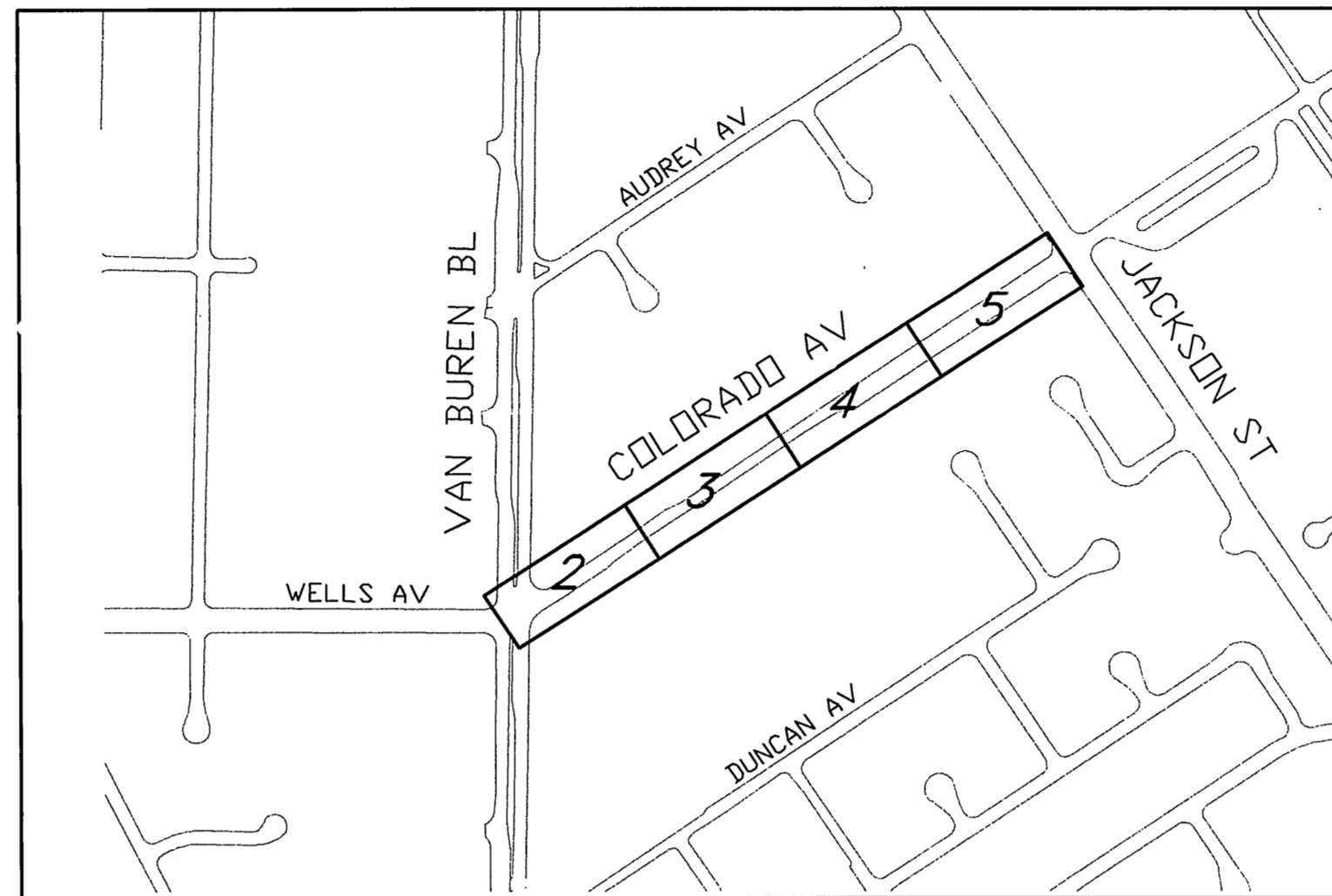
SHEET 1A OF 5

FILE NO.

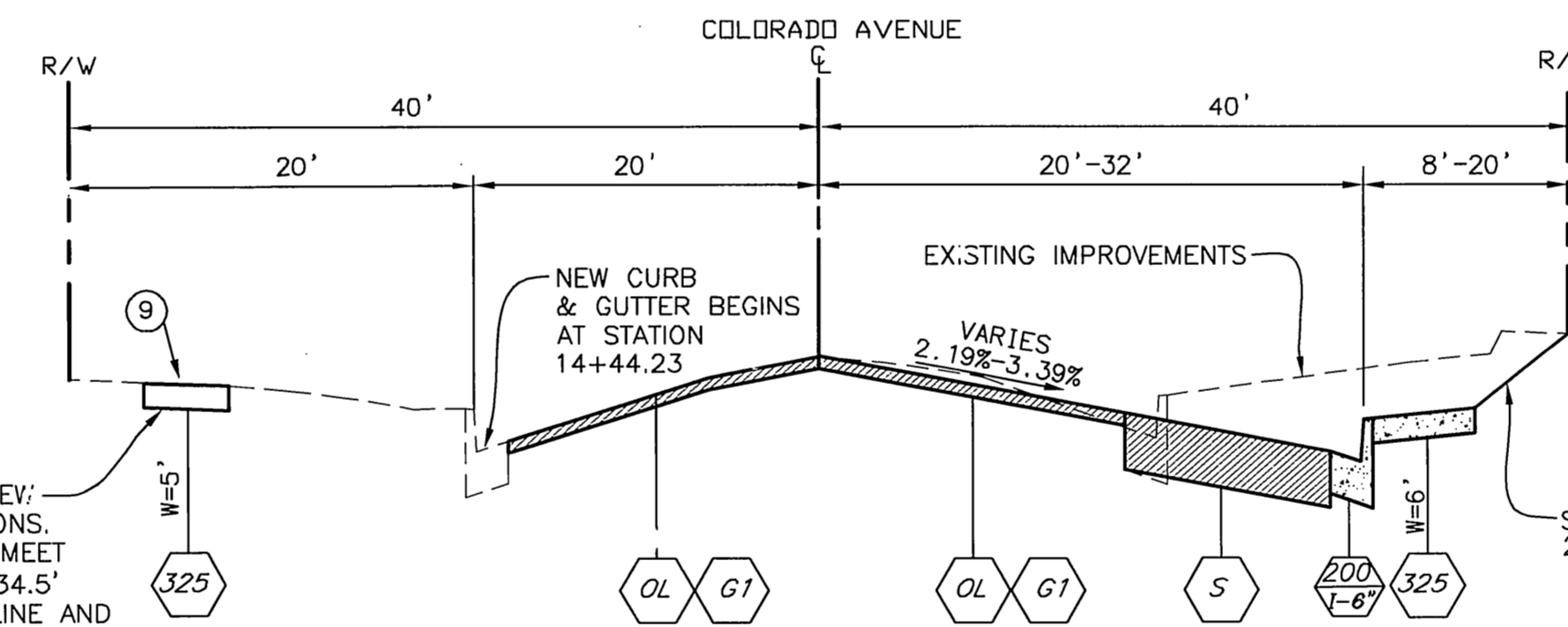
RIVERSIDE CALIFORNIA



**PUBLIC WORKS DEPARTMENT
COLORADO AVENUE STREET IMPROVEMENTS**



SHEET INDEX MAP
NTS



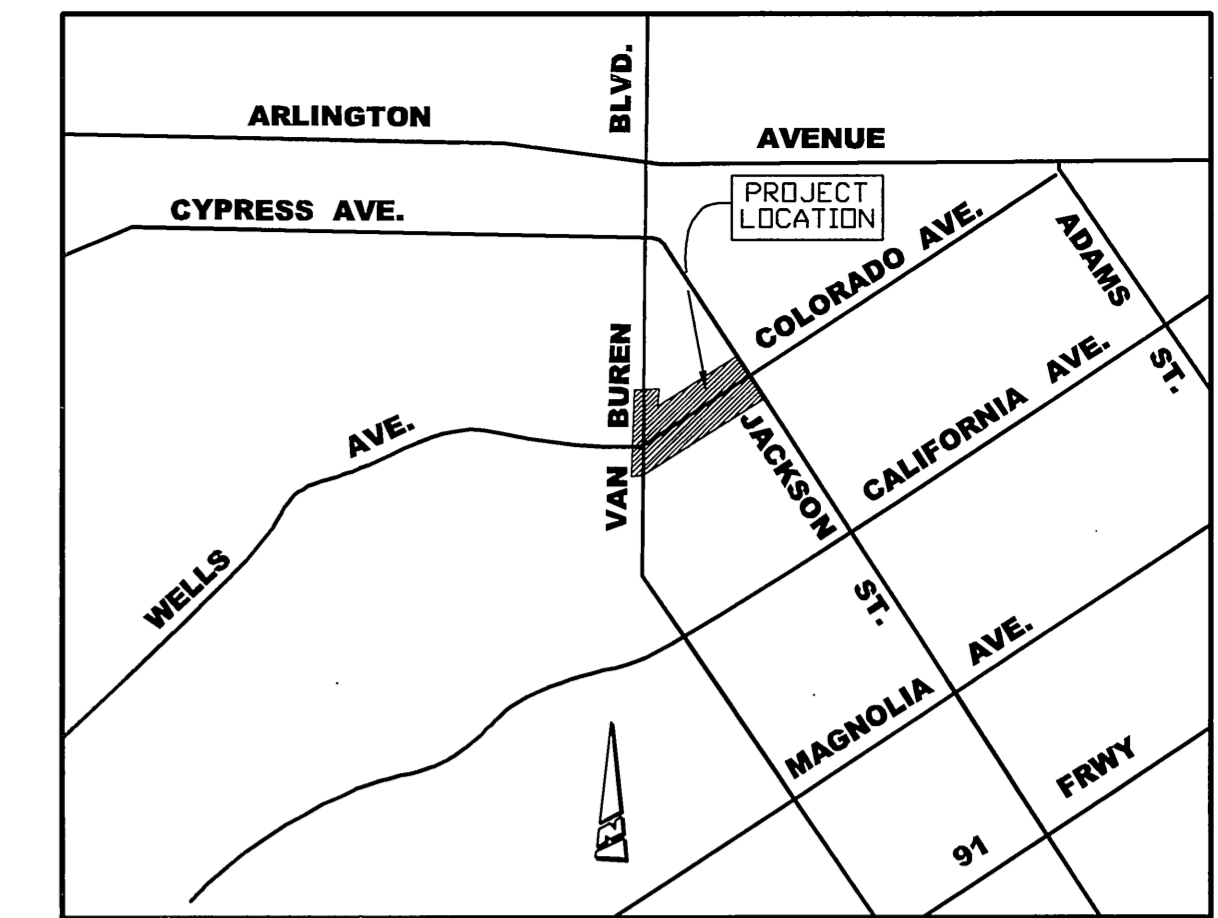
TYPICAL SECTION-COLORADO AVENUE
STA 12+79.50 TO 15+00.00
NTS

EXISTING TOPOGRAPHY:

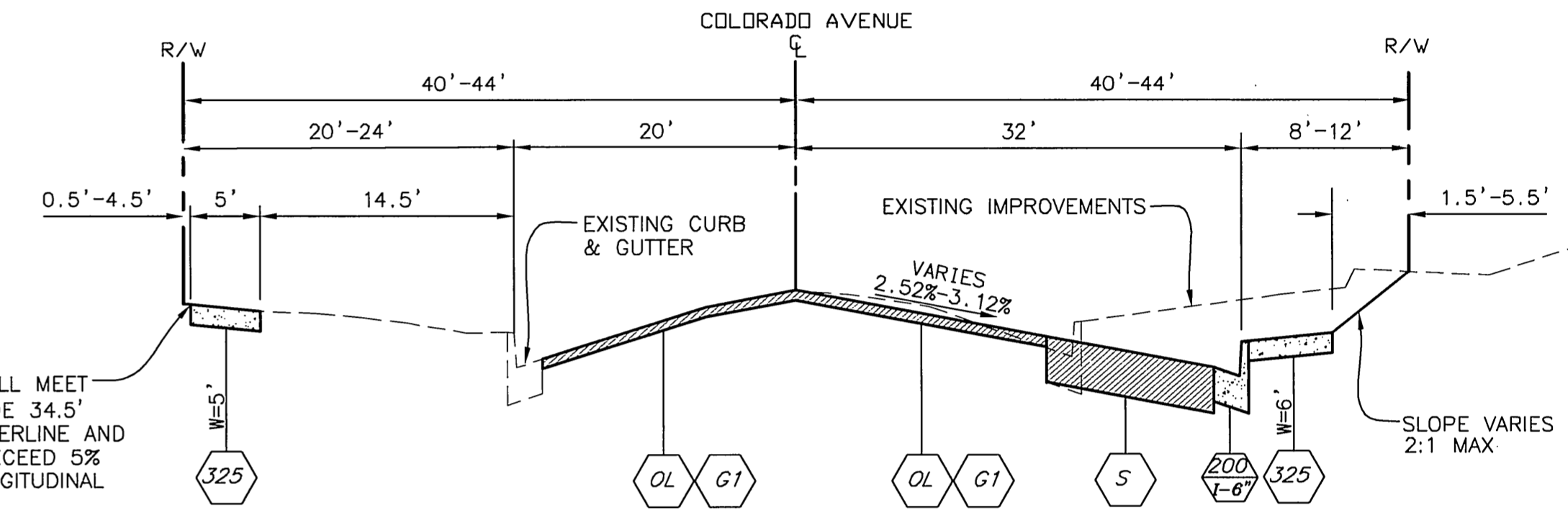
BO BLOW-OFF VALVE	SS SANITARY SEWER M.H.
T TRAFFIC SIGN	SD STORM DRAIN M.H.
PP POWER POLE	WG WATER GATE VALE
GA GUY ANCHOR	EL ELECTRIC M.H.
SL STREET LIGHT ON MAST ARM	TM TELEPHONE M.H.
ETS ELECTRICAL TEST STATION (PIPELINE)	WM WATER METER
IM IRRIGATION METER	FH FIRE HYDRANT
	TS TREE STUMP

LEGEND

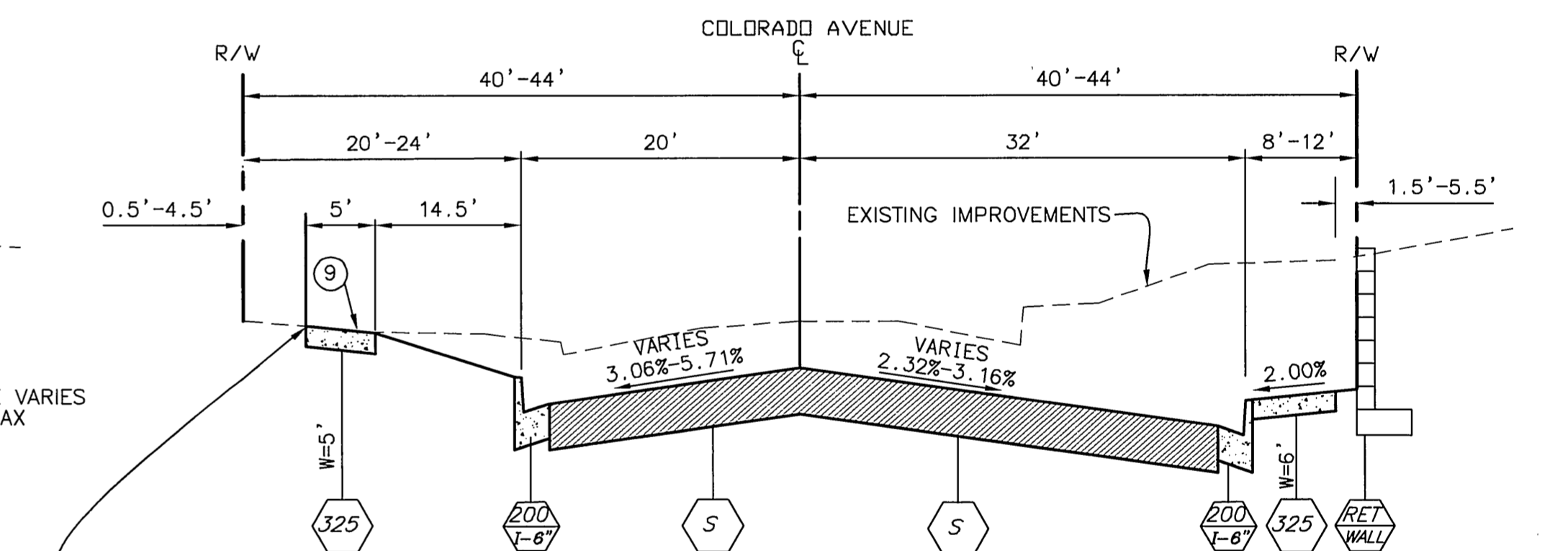
STREET CENTERLINE	PP POWER POLE
STREET R/W	SL STREET LIGHT
WATER LINE	W'I WROUGHT IRON FENCE
DRAINAGE SWALE	CLF CHAIN LINK FENCE
RETAINING WALL	S'LY SOUTHERLY
(754.76) EXISTING ELEVATION	C&G CURB AND GUTTER
754.76 PROPOSED ELEVATION	R/W RIGHT OF WAY
TC TOP OF CURB	V.C. VERTICAL CURVE
EP EDGE OF PAVEMENT	BVC BEGIN VERTICAL CURVE
FL FLOWLINE	EVC END VERTICAL CURVE
FS FINISHED SURFACE	PRC POINT OF REVERSE CURVATURE
MB MAILBOX	RCP REINFORCED CONCRETE PIPE
CL CENTERLINE	N'LY NORTHERLY
GB GRADE BREAK	
AC ASPHALTIC CONCRETE	
PCC PORTLAND CEMENT CONCRETE	
STA STREET STATION	
PI POINT OF INTERSECTION	



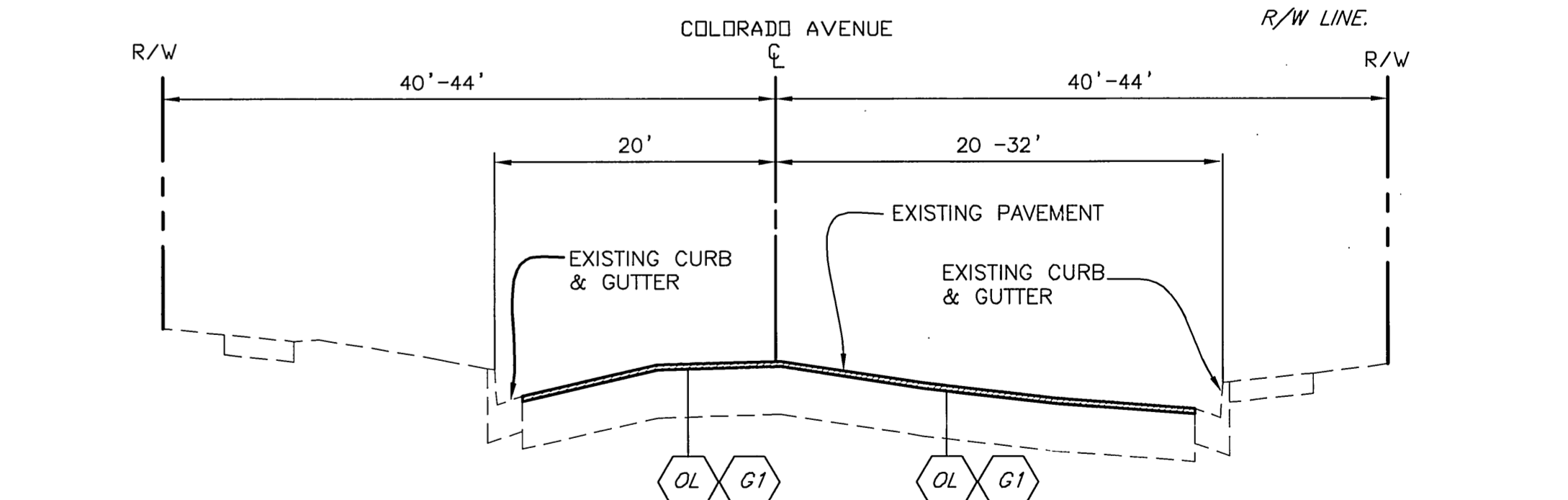
LOCATION MAP
NTS



TYPICAL SECTION-COLORADO AVENUE
STA 20+00.00 TO 20+33.80
NTS

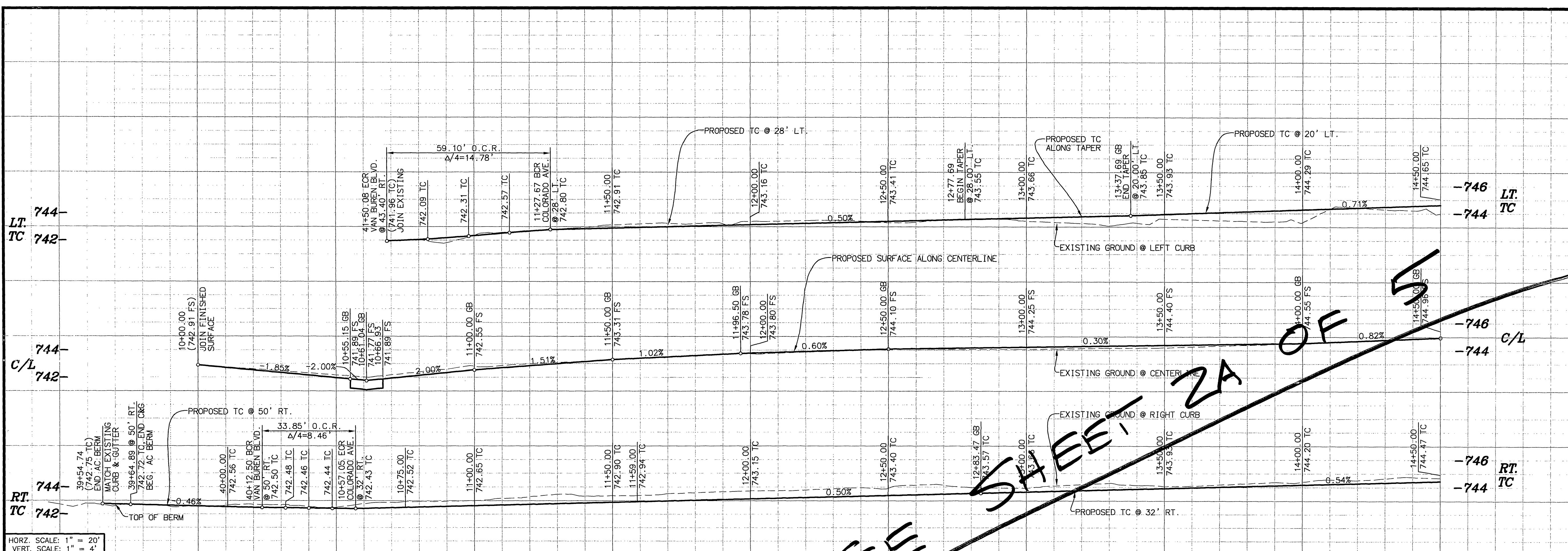


TYPICAL SECTION-COLORADO AVENUE
STA 15+00.00 TO 20+00.00
NTS



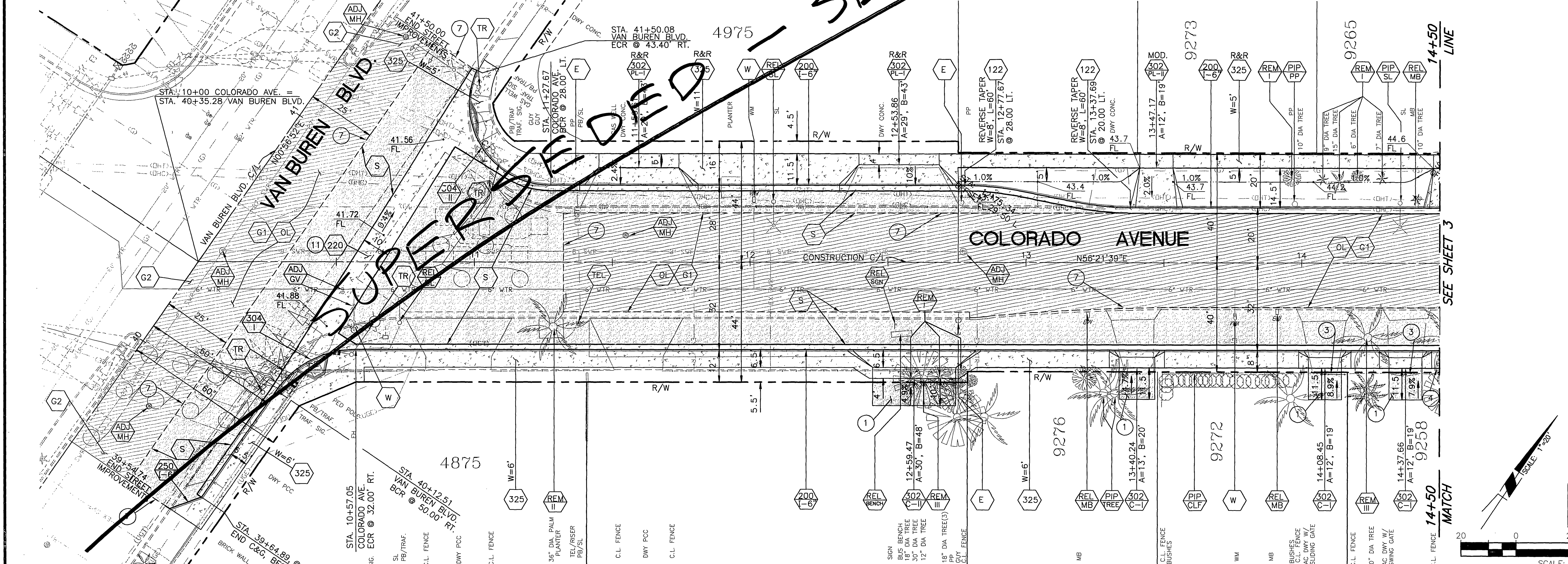
TYPICAL SECTION-COLORADO AVENUE
STA 10+50.00 TO 12+79.50
STA 20+33.80 TO 27+04.30
NTS

*RETAINING WALL OR RETAINING CURB WHERE SHOWN ON PLAN. OTHERWISE GRADE AT 2:1 SLOPE MAX. TO MATCH EXISTING GROUND AT R/W LINE.



HORIZ. SCALE: 1" = 20'
 VERT. SCALE: 1" = 4'

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 - RET CONSTRUCT 8" TO 48" TALL DECORATIVE SPLIT FACE (6"X8"X16" GREY CONCRETE BLOCK) RETAINING WALL PER CITY STD. DWG. NO. 707 BEHIND RIGHT OF WAY LINE AND ADJACENT TO DRIVEWAYS WHERE SHOWN ON PLAN. TOP OF FOOTING SHALL BE AT LEAST 6" BELOW FINISHED SURFACE AND SHOULD BE PLACED AT SAME GRADE AS STREET OR DRIVEWAY. WALL SHALL HAVE MATCHING SPLIT FACE DECORATIVE CAP. SEE DRAINAGE DETAIL ON SHEET 5.
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 - 10 CONSTRUCT WALL DRAINAGE PER DETAILS ON SHEET 5.
 - 11 DEPTH (D) OF CROSS GUTTER SHALL BE MODIFIED FROM STANDARD DRAWING AND SHALL BE 0.1' DEEP AT FLOWLINE.



SEE SHEET 3

14+50 MATCH

CURVE TABLE				
CURVE	LENGTH	RADIUS	DELTA	DESCRIPTION
C1	59.10	29.50	114°47'32"	N'LY CURB RETURN
C2	33.85	35.00	55°24'46"	S'LY CURB RETURN

SCALE: 1"=20'

BENCHMARK G3-A2
 ELEVATION: 742.228
 BRASS DISK STAMPED "G3-A" IN A WELL MONUMENT AT THE INTERSECTION OF VAN BUREN BLVD. AND COLORADO AVE.

ENGINEER IN RESPONSIBLE CHARGE
 Edward Lara
 EDWARD LARA
 R.C.E. No. 63753 expires 9/30/10
 DATE September 22, 2009

APPROVED BY: _____ BY: _____ DATE: _____
 SURVEYOR
 STREET SERVICES
 CONSTRUCTION ADMIN.
 ENGINEERING MANAGER

CITY OF RIVERSIDE, CALIFORNIA
 PUBLIC WORKS DEPARTMENT

APPROVED BY: _____
 CITY ENGINEER

DATE: 10/1/09

COLORADO AVENUE
 STREET IMPROVEMENTS
 VAN BUREN BLVD. TO JACKSON ST.

STA 10+00 TO 14+50

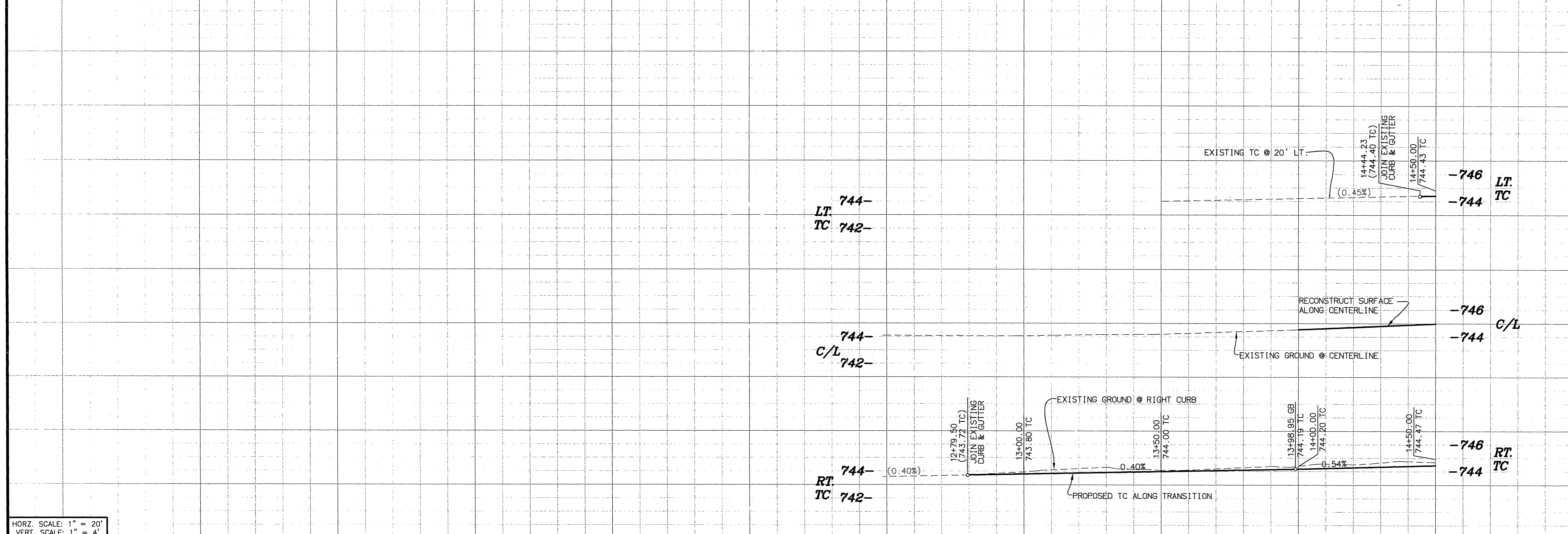
HORIZ. SCALE: 1"=20' VERT. SCALE: 1"=4'

DESIGN W.D. NO.: 0908815
 CONSTRUCTION W.D. NO. 1013048

R-4123

SHEET 2 OF 5

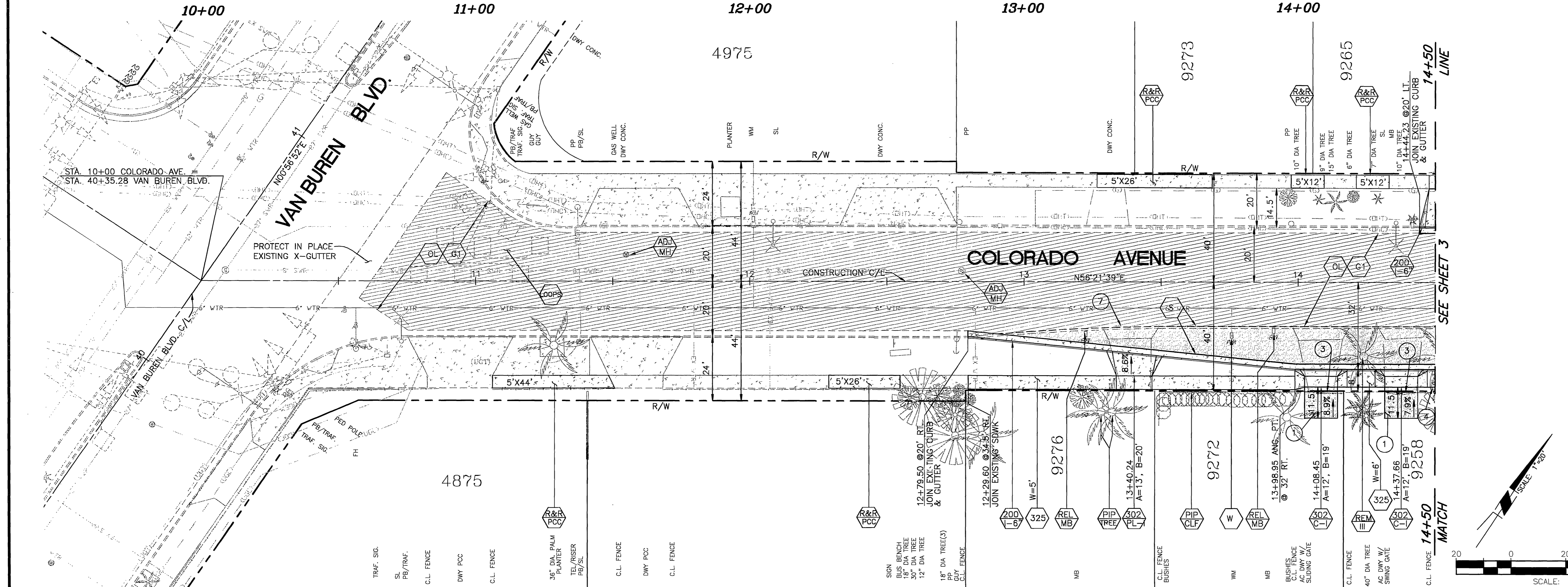
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BENCHMARK G3-A2
ELEVATION: 742.228
BRASS DISK STAMPED "G3-A" IN A WELL MONUMENT AT THE INTERSECTION OF VAN BUREN BLVD. AND COLORADO AVE.

ENGINEER IN RESPONSIBLE CHARGE
Edward Lara
EDWARD LARA
R.C.E. No. 63753 expires 9/30/10
DATE November 3, 2009

DESIGNED BY	CS	DRAWN BY	CS	CHECKED BY	EL
REVISIONS	REVISED PER ADDENDUM NO. 1				
MARK		APPR.	DATE		

APPROVED BY	BY	DATE
SURVEYOR		
STREET SERVICES		
CONSTRUCTION ADMN.		
ENGINEERING MANAGER		

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

APPROVED BY

CITY ENGINEER

DATE

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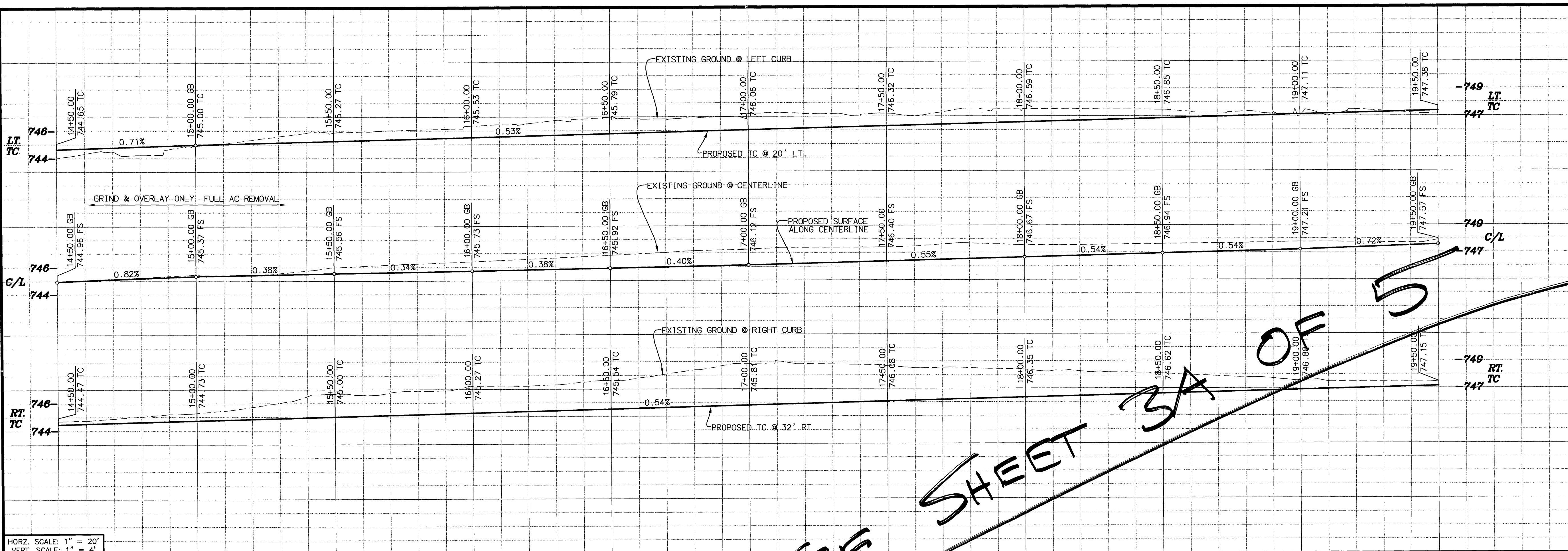
HORIZ. SCALE: 1"=20' VERT. SCALE: 1"=4'

DESIGN NO.: 0908815
CONSTRUCTION NO.: 1013048

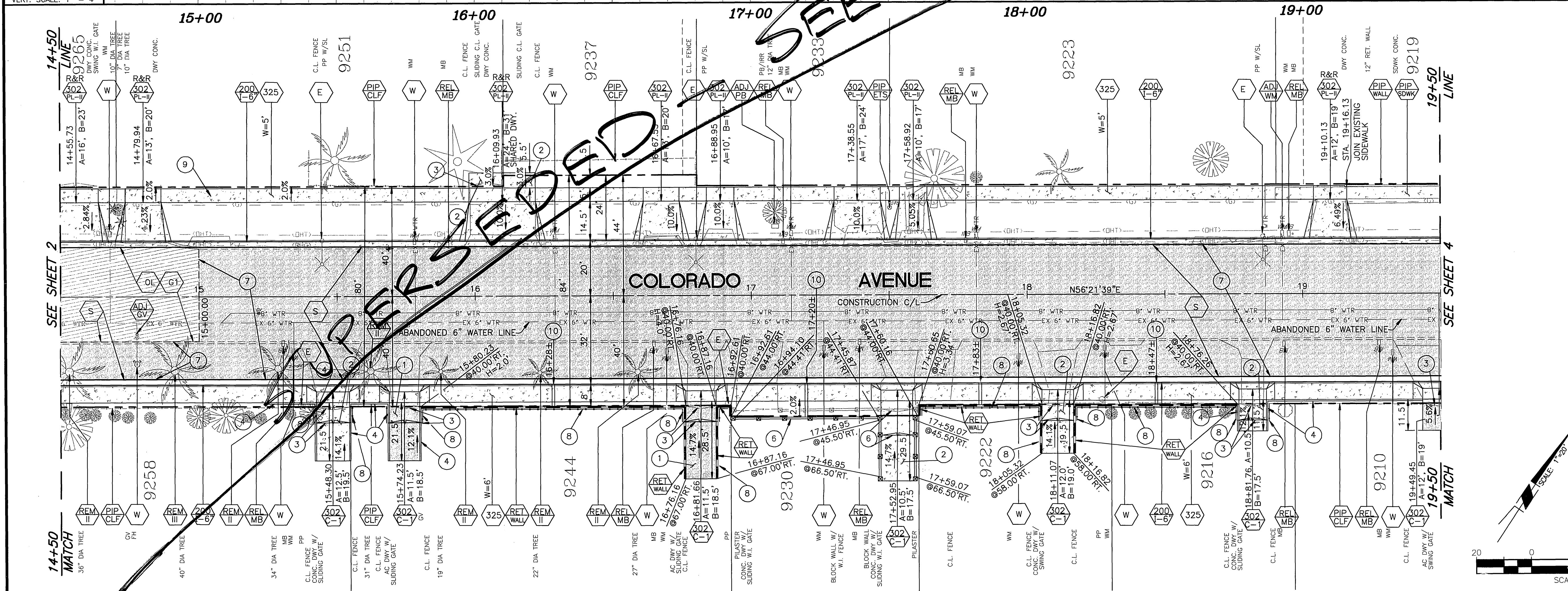
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SHEET 2A OF 5

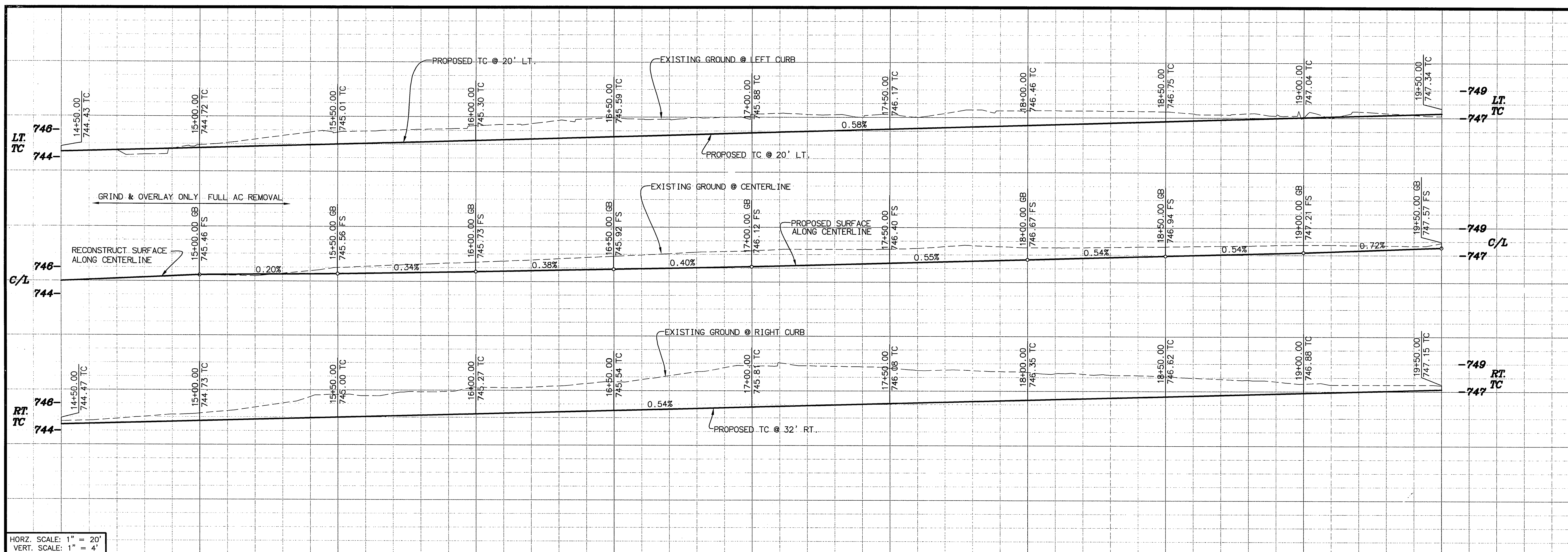
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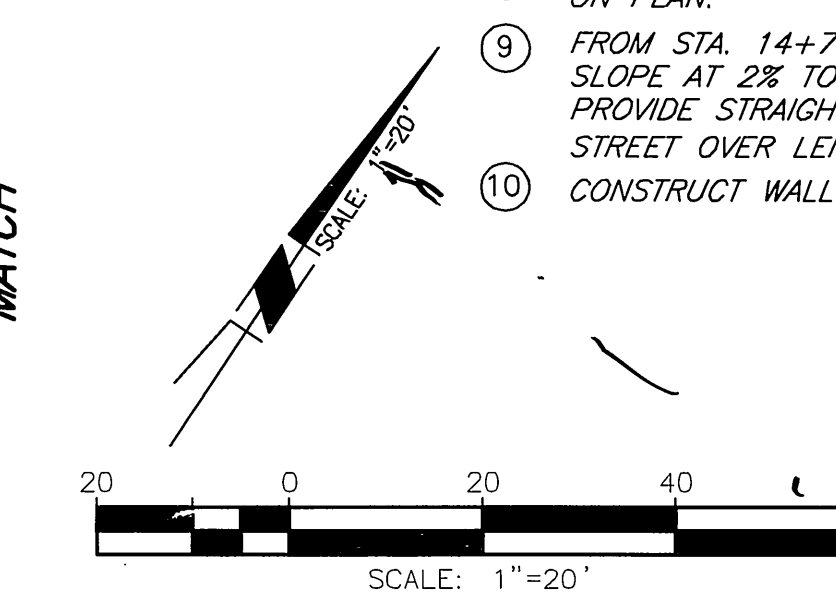
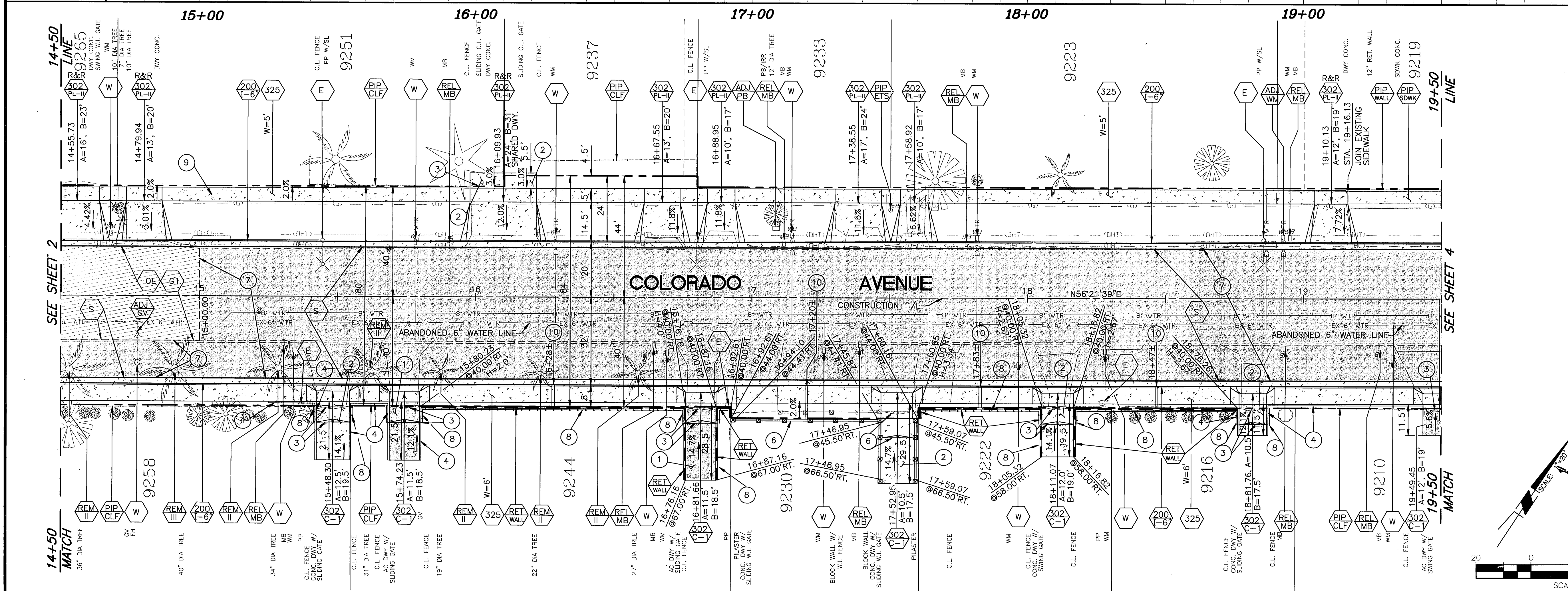
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<p>BENCHMARK G3-A2 ELEVATION: 742.228 BRASS DISK STAMPED "G3-A" IN A WELL MONUMENT AT THE INTERSECTION OF VAN BUREN BLVD. AND COLORADO AVE.</p>	<p>ENGINEER IN RESPONSIBLE CHARGE <i>Edward Lara</i> EDWARD LARA R.C.E. No. 63753 expires 9/30/10 DATE <u>September 22, 2009</u></p>	<p>APPROVED BY: <i>[Signature]</i> DATE: <u>9/22/09</u></p> <p>CITY OF RIVERSIDE, CALIFORNIA PUBLIC WORKS DEPARTMENT</p> <p>APPROVED BY: <i>[Signature]</i> CITY ENGINEER DATE: <u>10/10/09</u></p>	<p>DESIGN NO. 0908815 CONSTRUCTION NO. 1013048</p> <p style="text-align: center;">R-4123</p> <p style="text-align: center;">STA 14+50 TO 19+50</p> <p style="text-align: center;">SHEET <u>3</u> OF <u>5</u></p> <p style="text-align: center;">FILE NO.</p>
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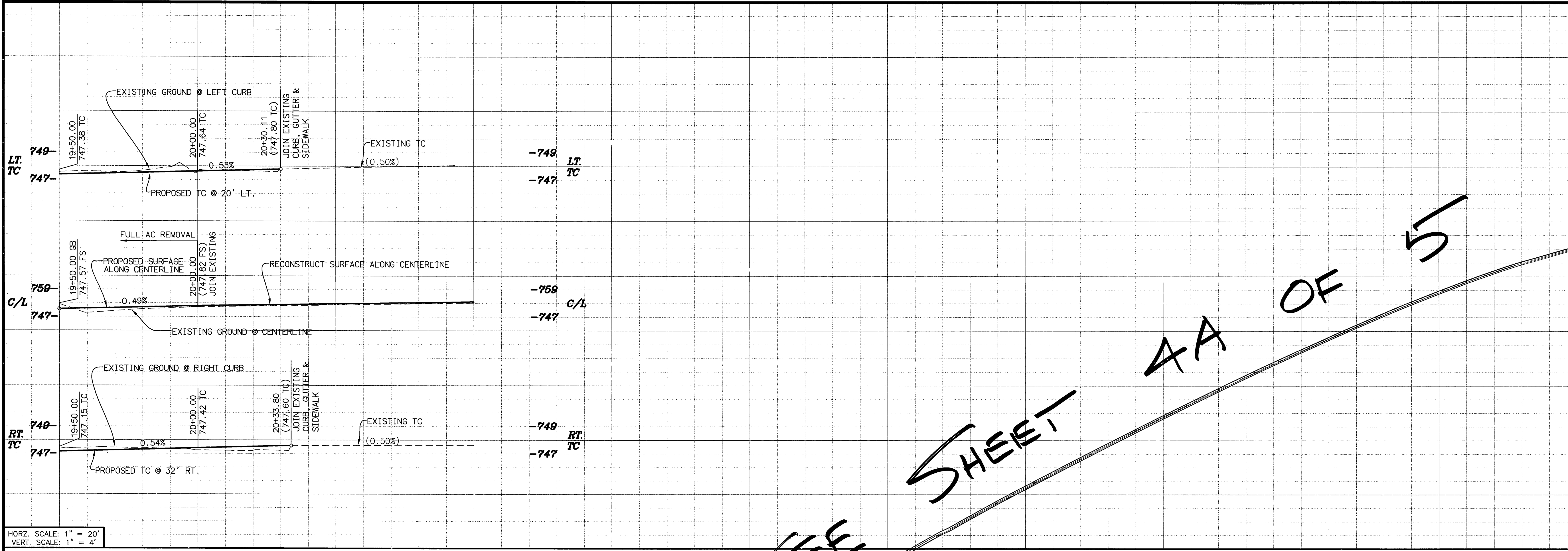
ENGINEER IN RESPONSIBLE CHARGE
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 DATE November 3, 2009

DESIGNED BY	CS	DR	WY	CS	CHECKED BY	EL
APPROVED BY	BY	DATE				
SURVEYOR						
STREET SERVICES						
CONSTRUCTION ADMIN.						
ENGINEERING MANAGER						
REVISIONS	REVISED PER ADDENDUM NO. 1					
MARK	EL 11/3/09					
APPR	DATE					

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT
 APPROVED BY
 CITY ENGINEER
 DATE

COLORADO AVENUE
STREET IMPROVEMENTS
 VAN BUREN BLVD. TO JACKSON ST.
 STA 14+50 TO 19+50
 HORIZ. SCALE: 1"=20' VERT. SCALE: 1"=4'

DESIGN NO. : 0908815
 CONSTRUCTION NO. : 1013048
R-4123
 SHEET 3A OF 5
 FILE NO.

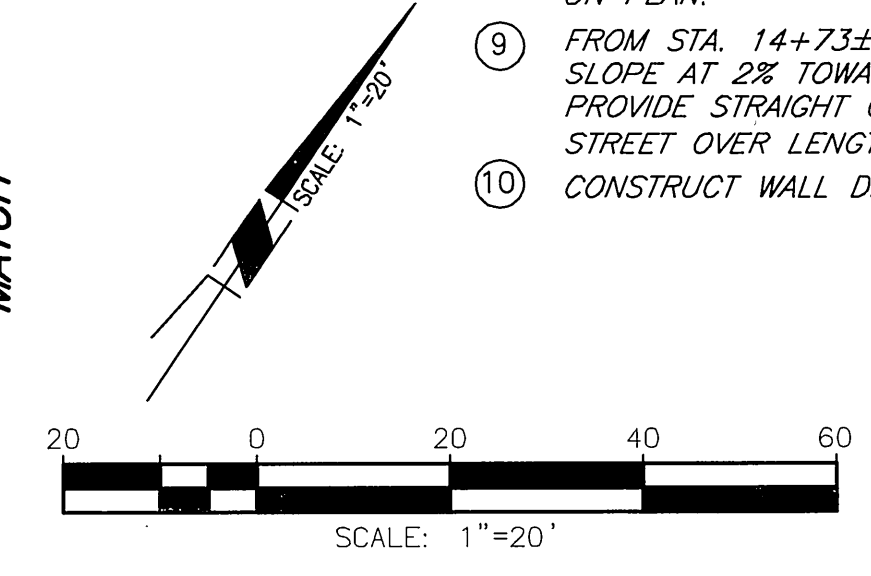
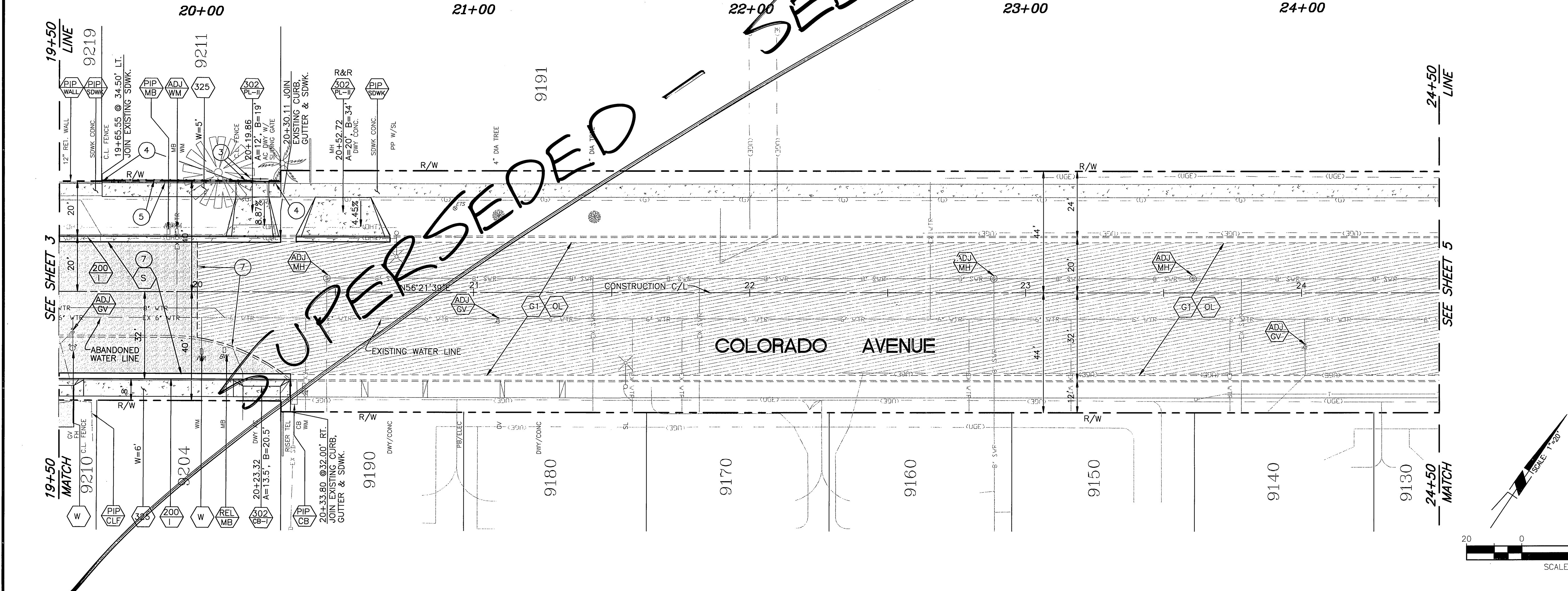


HORZ. SCALE: 1" = 20'
VERT. SCALE: 1" = 4'

CONSTRUCTION NOTES:

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- ADJ ADJUST TO GRADE, DESCRIPTION PER PLAN. (MH) SEWER, STORM DRAIN, ELECTRIC OR WATER MANHOLE. (WM) WATER METER OR VAULT. (IRR) IRRIGATION FACILITIES. (GV) GATE VALVE. (PB) PULL BOX.
- G1 COLD MILL EXISTING A.C. PAVEMENT UNIFORMLY 0.15' DEEP. EXISTING GRADES SHALL BE MAINTAINED UNLESS OTHERWISE NOTED.
- G2 COLD MILL EXISTING A.C. PAVEMENT TO A MIN. DEPTH OF 0.1' OVER 10'.
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- PIP PROTECT IN PLACE, ITEMS AS INDICATED.
- REMSGN REMOVE &/OR RELOCATE EXIST. SIGN(SEE TRAFFIC PLANS)
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- E ELECTRIC FACILITIES TO BE RELOCATED BY PUBLIC UTILITIES DEPARTMENT, ELECTRIC DIVISION.
- TR FOR RELOCATION/REMOVAL OF TRAFFIC FACILITY, SEE SIGNAL AND STRIPING PLANS.
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- RET WALL CONSTRUCT 8" TO 48" TALL DECORATIVE SPLIT FACE (6"X8"X16" GREY CONCRETE BLOCK) RETAINING WALL PER CITY STD. DWG. NO. 707 BEHIND RIGHT OF WAY LINE AND ADJACENT TO DRIVEWAYS WHERE SHOWN ON PLAN. TOP OF FOOTING SHALL BE AT LEAST 6" BELOW FINISHED SURFACE AND SHOULD BE PLACED AT SAME GRADE AS STREET OR DRIVEWAY. WALL SHALL HAVE MATCHING SPLIT FACE DECORATIVE CAP. SEE DRAINAGE DETAIL ON SHEET 5.
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- 5 RECONSTRUCT CHAIN LINK FENCE IN KIND BEHIND NEW IMPROVEMENTS.
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- 9 FROM STA. 14+73± TO STA. 15+50± SIDEWALK SHALL SLOPE AT 2% TOWARD PROPERTY. CONTRACTOR SHALL PROVIDE STRAIGHT GRADE TRANSITION BACK TO 2% TOWARD STREET OVER LENGTH OF 10' OUTSIDE OF STATION RANGE.
- 10 CONSTRUCT WALL DRAINAGE PER DETAILS ON SHEET 5.

SEE SHEET 4A OF 51



BENCHMARK G3-A2
ELEVATION: 742.228
BRASS DISK STAMPED "G3-A" IN A WELL MONUMENT AT THE INTERSECTION OF VAN BUREN BLVD. AND COLORADO AVE.

ENGINEER IN RESPONSIBLE CHARGE
Edward Lara
EDWARD LARA
R.C.E. No. 63753 expires 9/30/10
DATE September 22, 2009

DESIGNED BY	CS	DRAWN BY	CS	CHECKED BY	EL
APPROVED BY	BY	DATE			
SURVEYOR	CS	9/22/09			
STREET SERVICES	SUP	9/22/09			
CONSTRUCTION ADMIN.	RTS	9/22/09			
ENGINEERING MANAGER	ML	9/22/09			
TRAFFIC DIVISION	DL	9/22/09			

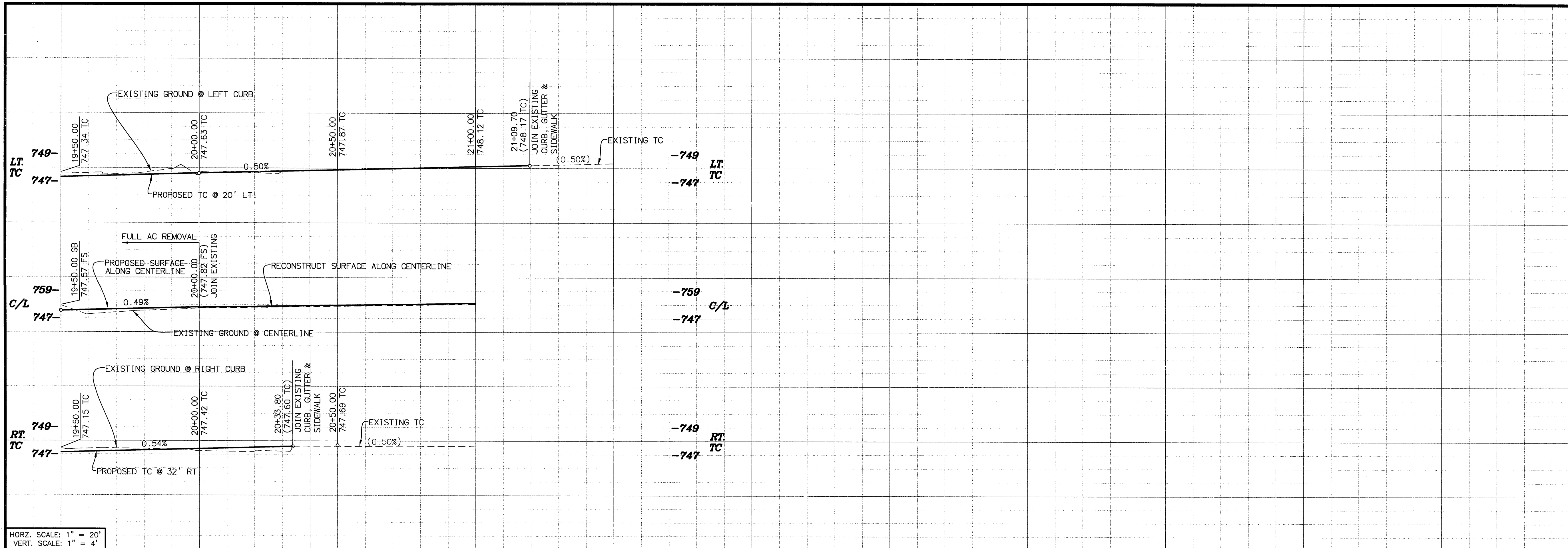
CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT
APPROVED BY
Edward Lara
CITY ENGINEER
DATE 10/2/09

COLORADO AVENUE
STREET IMPROVEMENTS
VAN BUREN BLVD. TO JACKSON ST.
STA 19+50 TO 24+50
HORIZ. SCALE: 1"=20' VERT. SCALE: 1"=4'

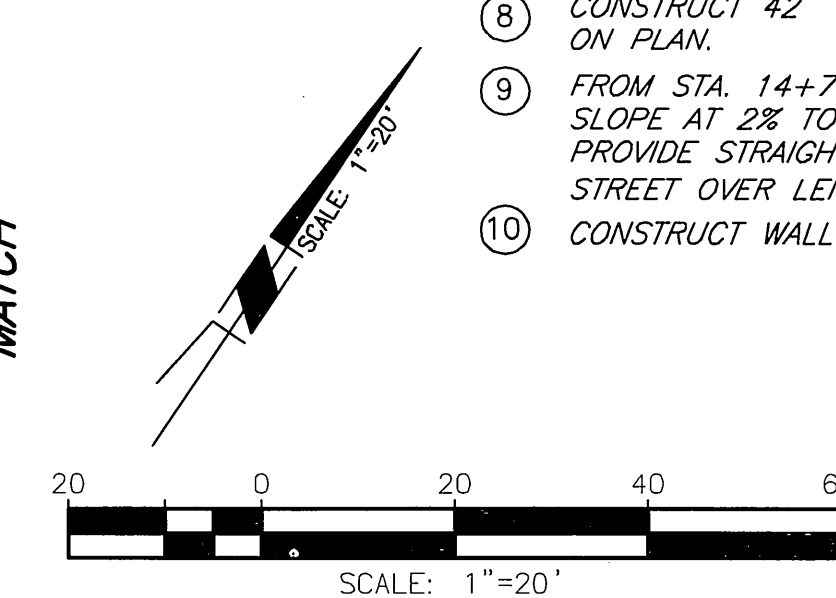
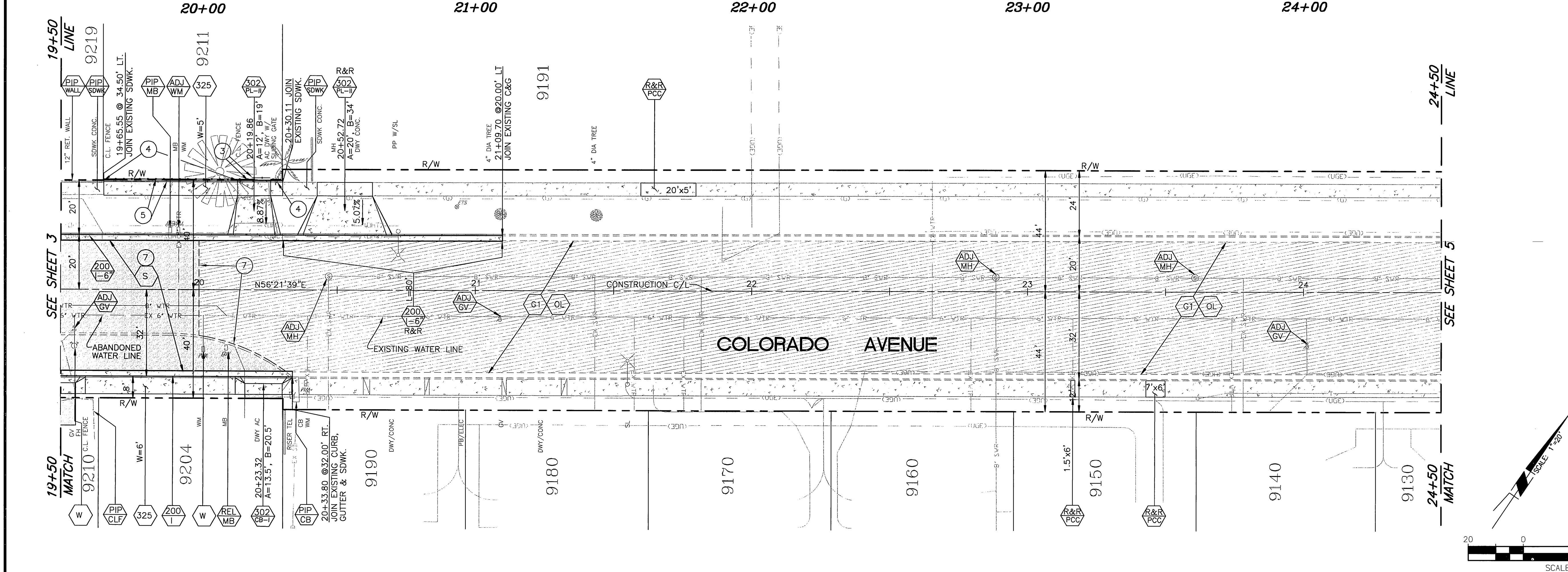
DESIGN W.O. NO.: 0908815
CONSTRUCTION W.O. NO. 1013048
R-4123
SHEET 4 OF 5
FILE NO.

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- TELEPHONE FACILITIES TO BE RELOCATED BY PACIFIC BELL.
- REMOVE FAILED OR DECAYED PCC SIDEWALK AND CONSTRUCT NEW SIDEWALK PER PLANS AND CITY STD 325.
- CONSTRUCT MIN. 0.1" ARHH-GG-C CAP OVER 0.40' AC PAVEMENT B-PG-6A-10 OVER 0.80' CRUSHED MISCELLANEOUS BASE.
- CONSTRUCT 8" TO 48" TALL DECORATIVE SPLIT FACE (6"X8"X16" GREY CONCRETE BLOCK) RETAINING WALL PER CITY STD. DWG. NO. 707 BEHIND RIGHT OF WAY LINE AND ADJACENT TO DRIVEWAYS WHERE SHOWN ON PLAN. TOP OF FOOTING SHALL BE AT LEAST 6" BELOW FINISHED SURFACE AND SHOULD BE PLACED AT SAME GRADE AS STREET OR DRIVEWAY. WALL SHALL HAVE MATCHING SPLIT FACE DECORATIVE CAP. SEE DRAINAGE DETAIL ON SHEET 5.
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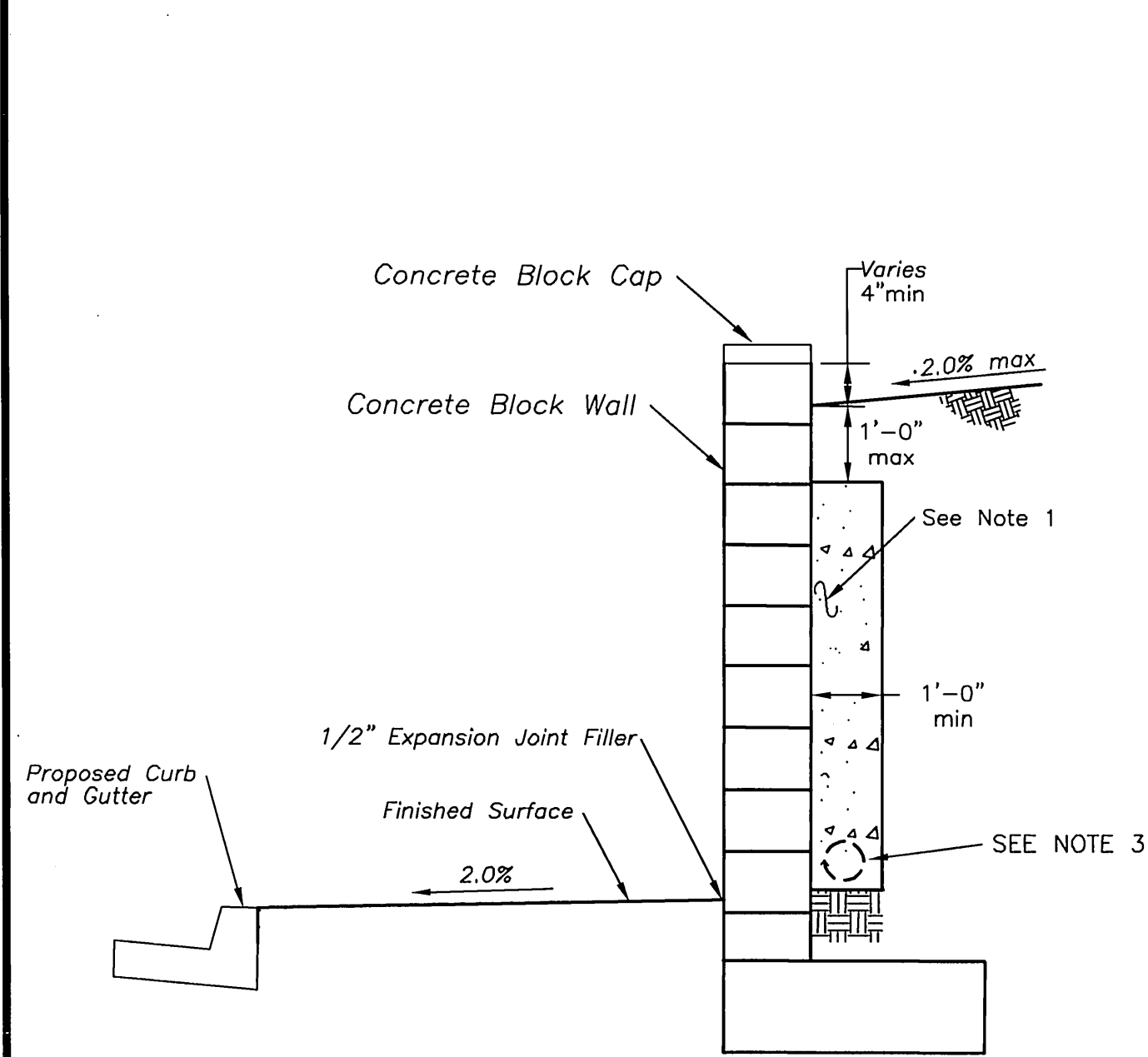
HORIZ. SCALE: 1" = 20'
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<p>BENCHMARK G3-A2 ELEVATION: 742.228 BRASS DISK STAMPED "G3-A" IN A WELL MONUMENT AT THE INTERSECTION OF VAN BUREN BLVD. AND COLORADO AVE.</p>	<p>ENGINEER IN RESPONSIBLE CHARGE <i>Edward Lara</i> EDWARD LARA R.C.E. No. 63753 expires 9/30/10 DATE <i>November 3, 2009</i></p>		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>APPROVED BY</td><td>BY</td><td>DATE</td></tr> <tr><td>SURVEYOR</td><td></td><td></td></tr> <tr><td>STREET SERVICES</td><td></td><td></td></tr> <tr><td>CONSTRUCTION ADMIN.</td><td></td><td></td></tr> <tr><td>ENGINEERING MANAGER</td><td></td><td></td></tr> </table>	APPROVED BY	BY	DATE	SURVEYOR			STREET SERVICES			CONSTRUCTION ADMIN.			ENGINEERING MANAGER			<p>CITY OF RIVERSIDE, CALIFORNIA PUBLIC WORKS DEPARTMENT</p> <p>APPROVED BY _____ CITY ENGINEER</p> <p>DATE _____</p>	<p>COLORADO AVENUE STREET IMPROVEMENTS VAN BUREN BLVD. TO JACKSON ST.</p> <p>STA 19+50 TO 24+50</p> <p>HORIZ. SCALE: 1"=20' VERT. SCALE: 1"=4'</p>	<p>DESIGN NO. 0608815 CONSTRUCTION NO. 1013048</p> <p>R-4123</p> <p>SHEET 4A OF 5</p> <p>FILE NO.</p>
APPROVED BY	BY	DATE																			
SURVEYOR																					
STREET SERVICES																					
CONSTRUCTION ADMIN.																					
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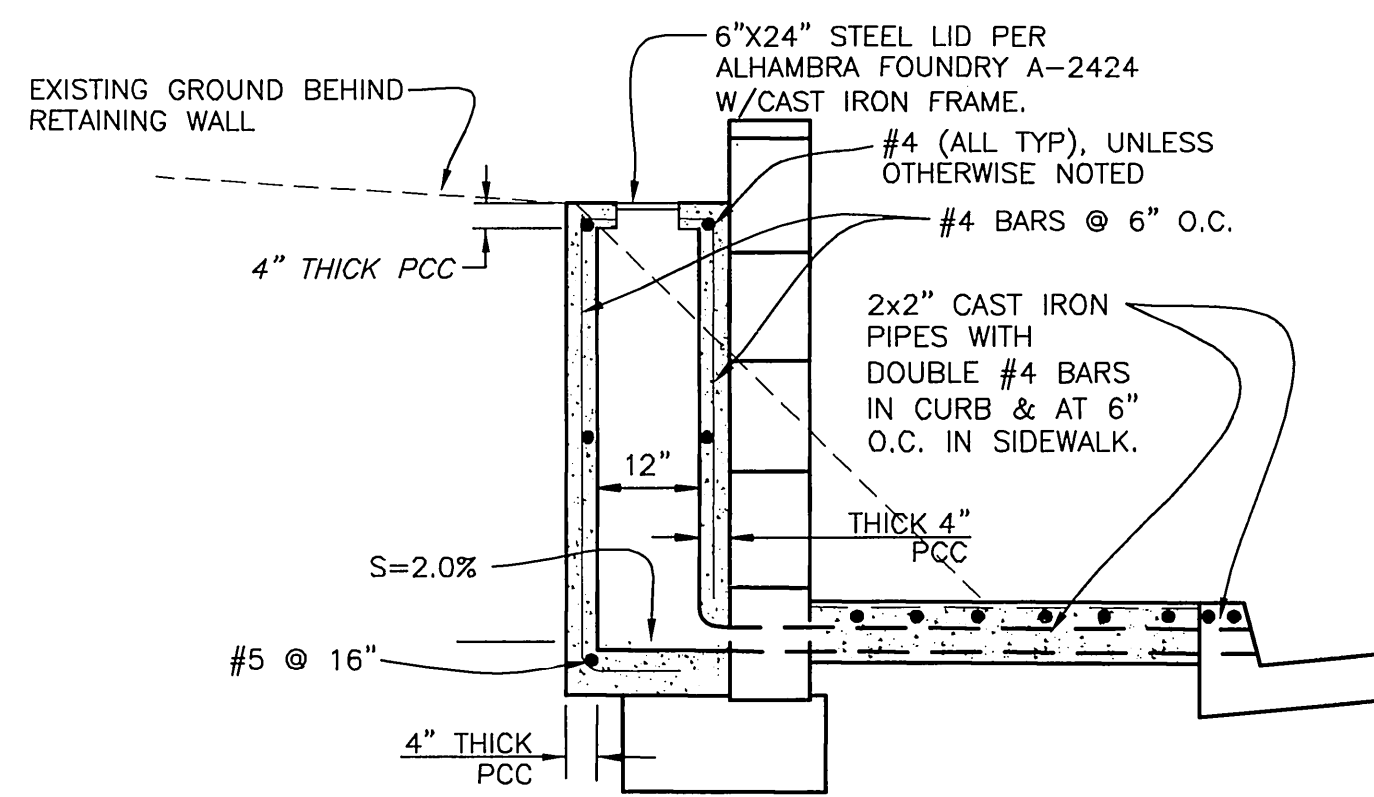
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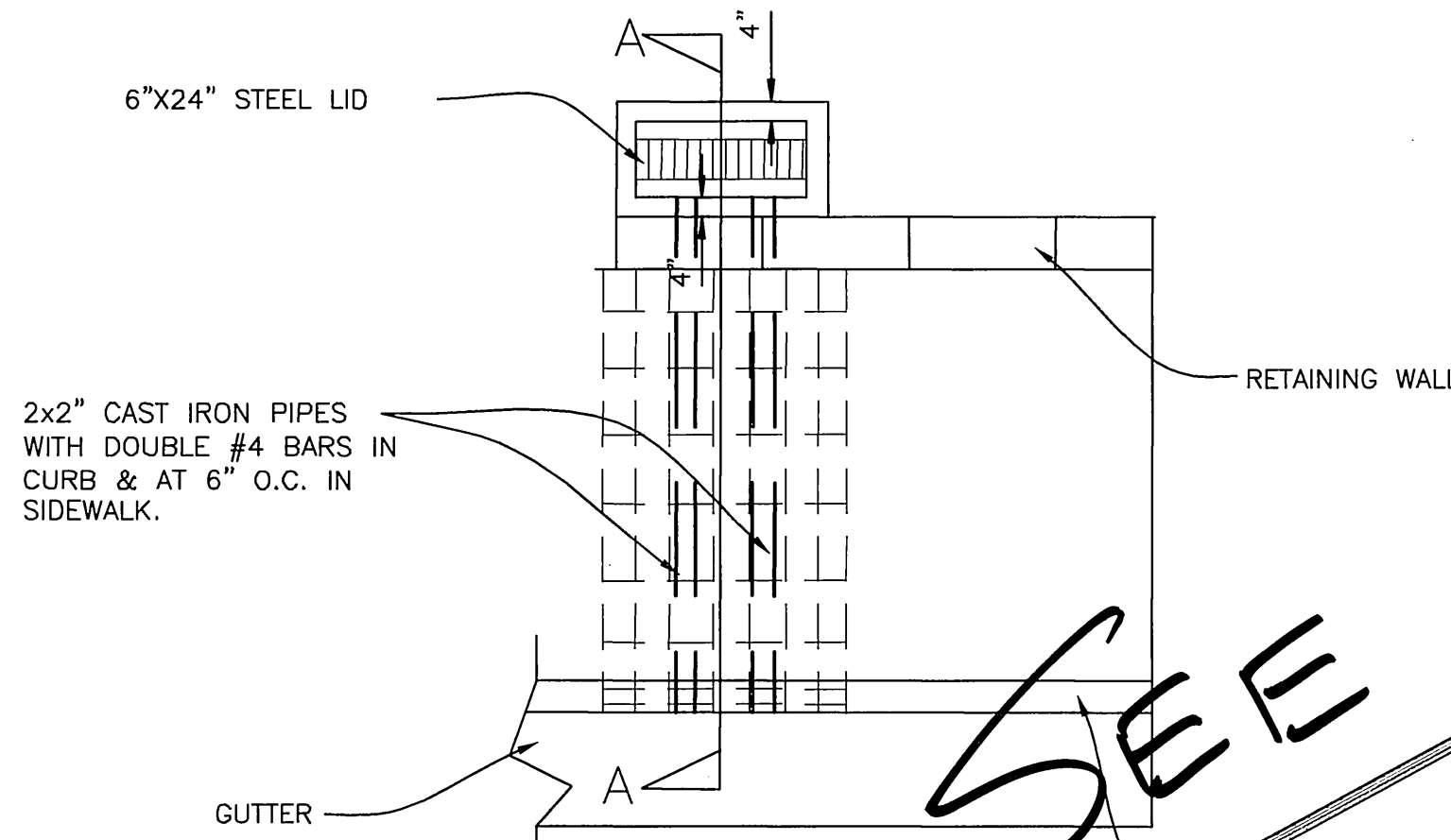
TYPICAL WALL DRAINAGE DETAIL (H=2'-0" TO 4'-0")

Not to Scale



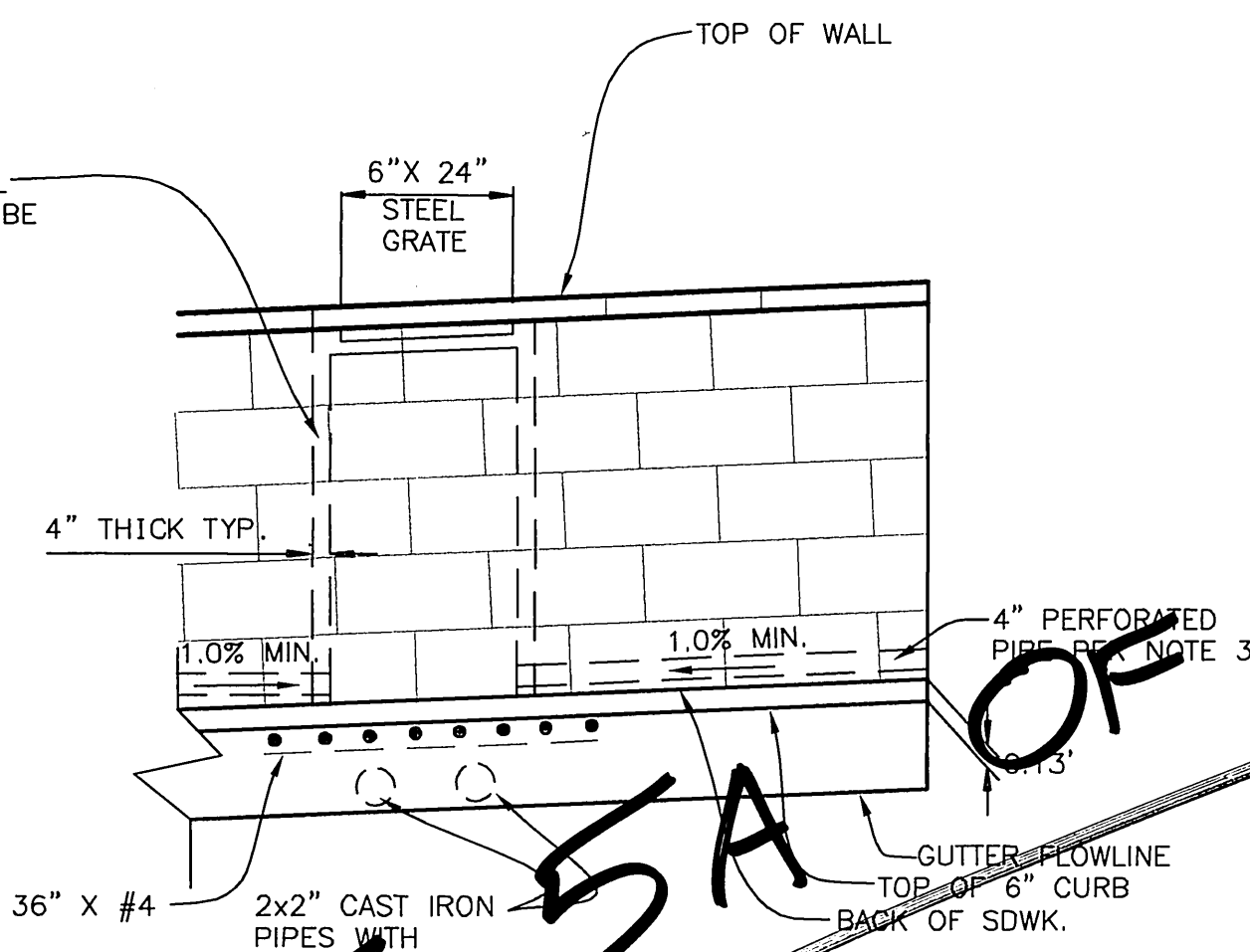
WALL DRAIN- SECTION A-A

Not to Scale



WALL DRAIN DETAIL-PLAN

Not to Scale

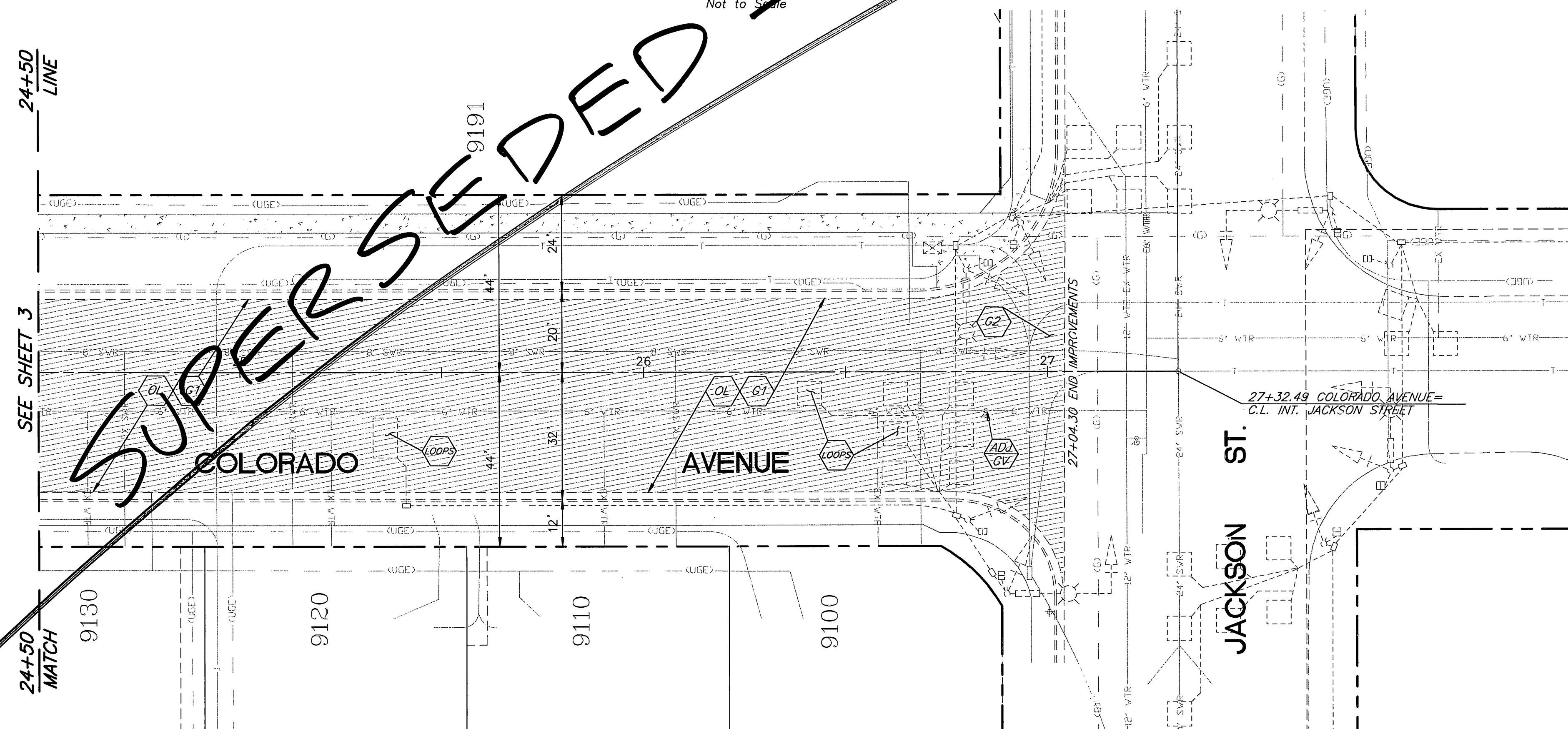


WALL DRAIN DETAIL-PROFILE

Not to Scale

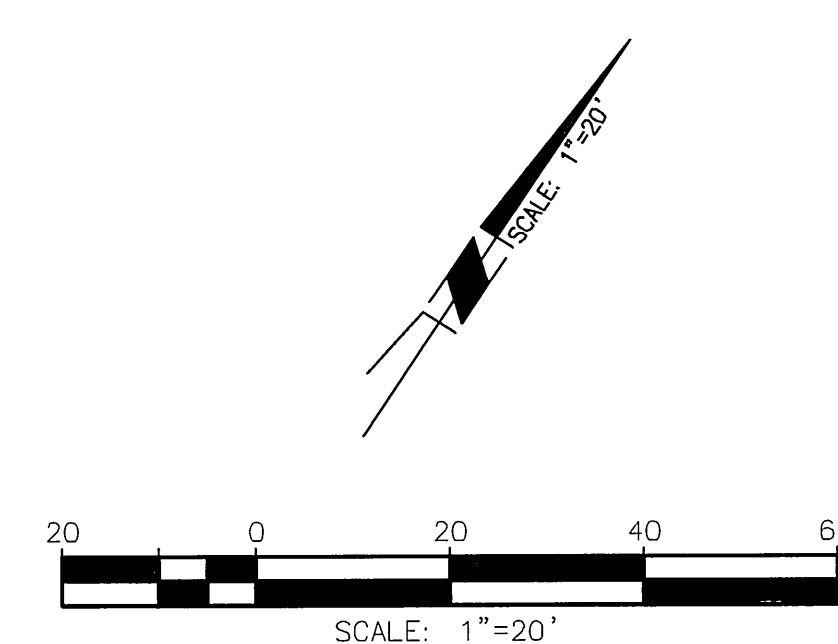
NOTES:

1. 3/4" aggregate continuous behind retaining wall.
2. Omit head joint at first course @32" O.C. for weep hole.
3. 4" perforated pvc drain pipe continuous behind wall to drain at 1% min. along back of wall and drain out to street through parkway drain where shown on plan and on detail hereon.
4. No splices are allowed on A, B and C bars.

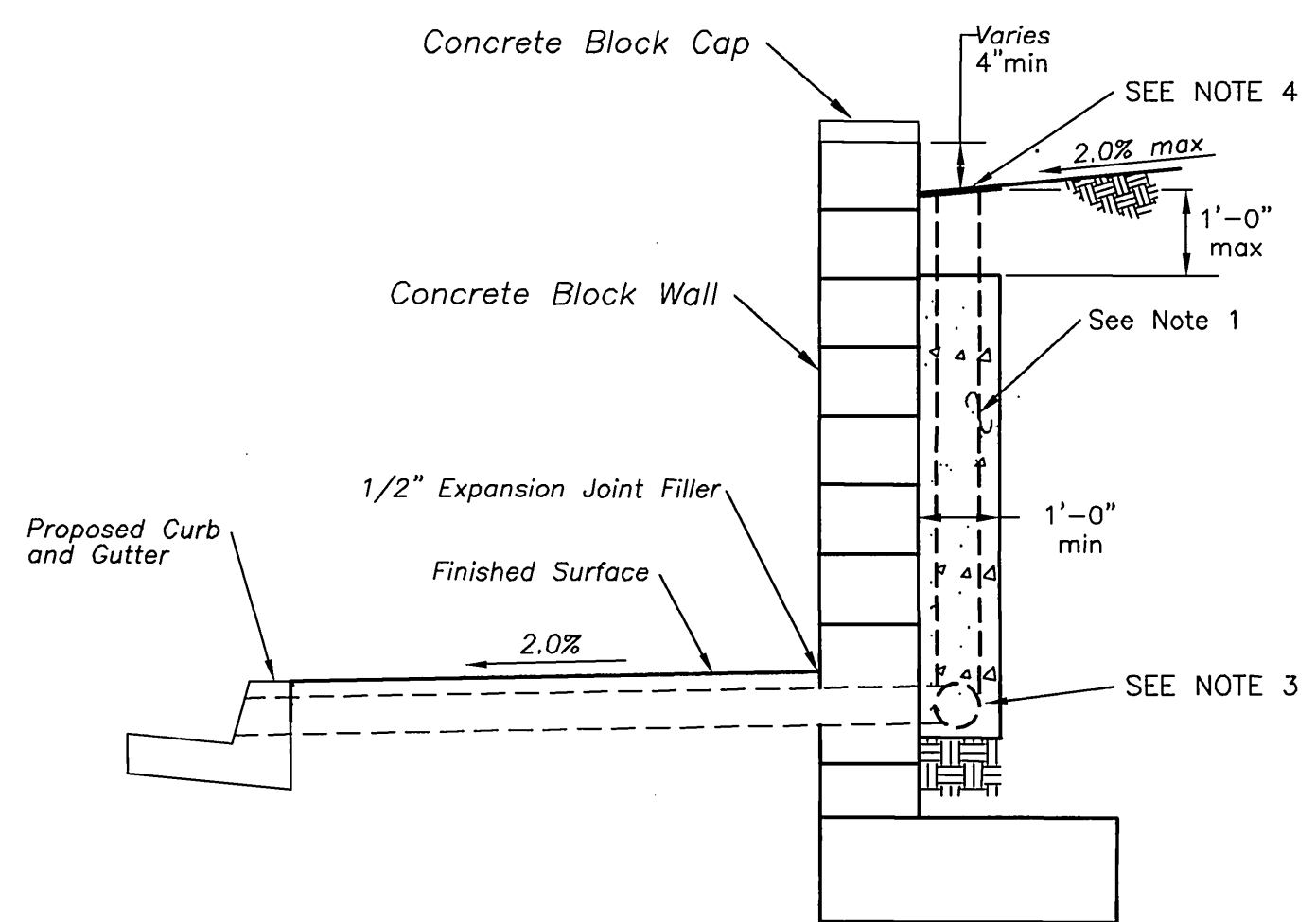


SUPERSEDED

SEE SHEET 5 OF 5



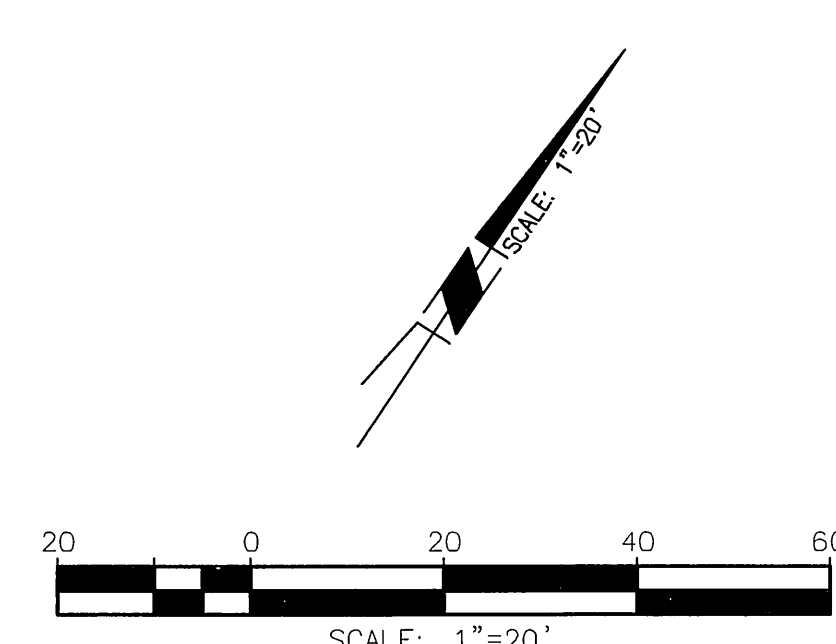
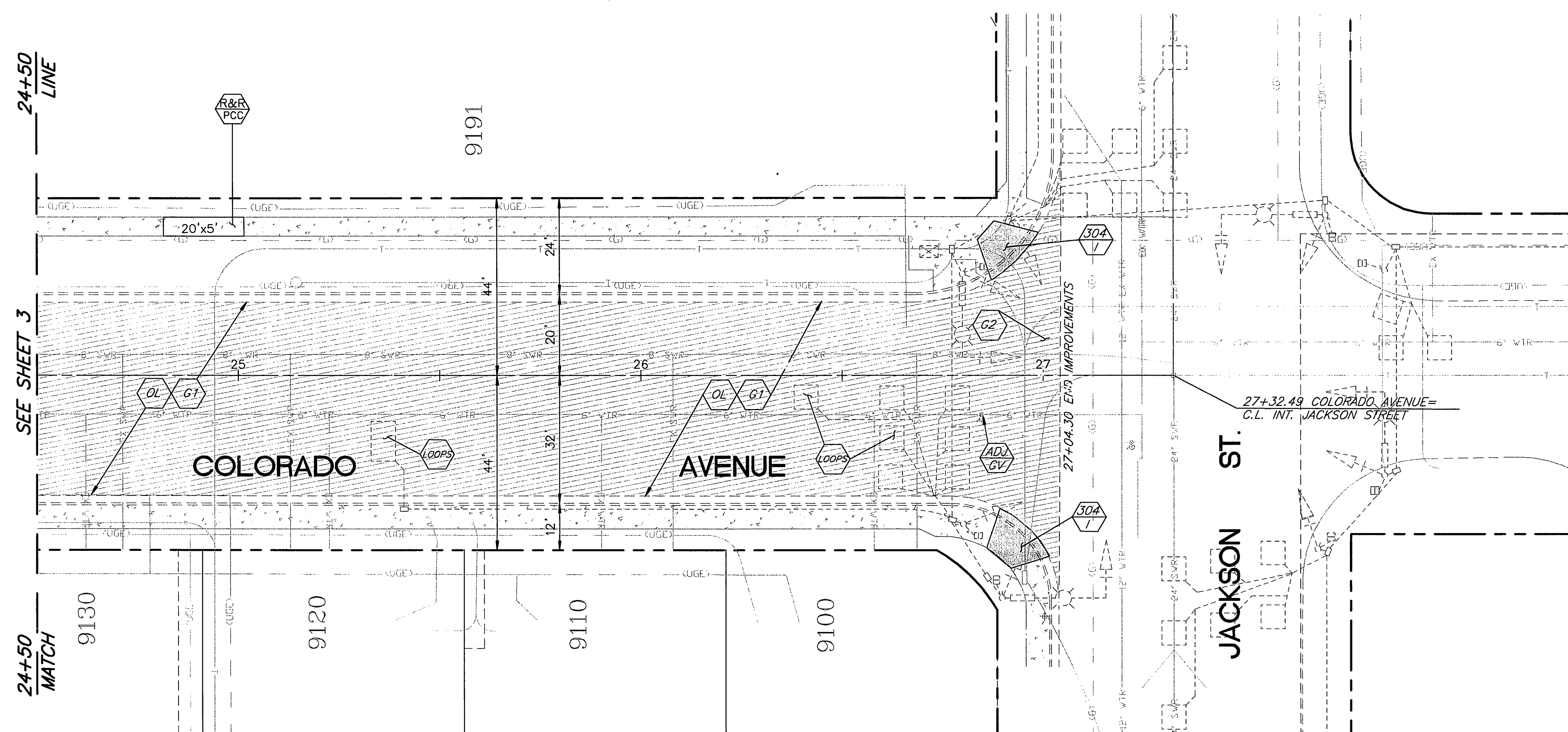
<p>BENCHMARK G3-A2 ELEVATION: 742.228 BRASS DISK STAMPED "G3-A" IN A WELL MONUMENT AT THE INTERSECTION OF VAN BUREN BLVD. AND COLORADO AVE.</p>	<p>ENGINEER IN RESPONSIBLE CHARGE <i>Edward Lara</i> EDWARD LARA R.C.E. No. 63753 expires 9/30/10 DATE <u>September 22, 2009</u></p>	<p>APPROVED BY: _____ BY: <u>CS</u> DATE: <u>9/22/09</u> SURVEYOR: <u>SEP</u> DATE: <u>9-22-09</u> STREET SERVICES: _____ CONSTRUCTION ADMIN.: <u>AR</u> DATE: <u>9/22/09</u> ENGINEERING MANAGER: <u>TR</u> DATE: <u>9/22/09</u> TRAFFIC DIVISION: _____</p>	<p>CITY OF RIVERSIDE, CALIFORNIA PUBLIC WORKS DEPARTMENT</p> <p>APPROVED BY: <i>Nudya</i> CITY ENGINEER DATE: <u>10/2/09</u></p>	<p>COLORADO AVENUE STREET IMPROVEMENTS VAN BUREN BLVD. TO JACKSON ST.</p> <p>STA 24+50 TO 27+04.30</p> <p>HORIZ. SCALE: 1"=20' VERT. SCALE: 1"=4'</p>	<p>DESIGN NO. NO.: 0908815 CONSTRUCTION NO. NO.: 1013048</p> <p style="font-size: 1.5em;">R-4123</p> <p>SHEET 5 OF 5</p> <p>FILE NO.</p>
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TYPICAL WALL DRAINAGE DETAIL (H=2'-0" TO 4'-0")
Not to Scale

NOTES:

- 3/4" aggregate continuous behind retaining wall.
- Omit head joint at first course @32" O.C. for weep hole.
- 4" perforated pvc drain pipe continuous behind wall to drain at 1% min. along back of wall and drain out to street through parkway drain per APWA Std. dwg. 151-1. Contractor shall connect 4" pvc drain pipe to parkway drain with 4" tee.
- Contractor shall construct plastic 12"x12" square grated cleanout at location of parkway drains.
- No splices are allowed on A, B and C bars.



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- G1 COLD MILL EXISTING A.C. PAVEMENT UNIFORMLY 0.15' DEEP. EXISTING GRADES SHALL BE MAINTAINED UNLESS OTHERWISE NOTED.
- G2 COLD MILL EXISTING A.C. PAVEMENT TO A MIN. DEPTH OF 0.1' OVER 10'.
- OL CONSTRUCT VARIABLE THICKNESS A.R.H.M.-GG AC OVERLAY (0.10' MIN. THICKNESS). THICKNESS OF VARIABLE OVERLAY SHALL BE 0.1' MIN. AND 0.2' MAX. WHERE VARIABLE OVERLAY EXCEEDS 0.2' A 0.1' MIN D.G.A.C. LEVELING COURSE SHALL BE PROVIDED.
- PIP PROTECT IN PLACE, ITEMS AS INDICATED.
- REMSGN REMOVE &/OR RELOCATE EXIST. SIGN(SEE TRAFFIC PLANS)
- R II REMOVE BUSHES/TREES AS NEEDED, (CLASS I 6"-18", CLASS II 18"-36", CLASS III OVER 36"). ALL TREES TO BE REMOVED BY CITY FORCES PRIOR TO CONSTRUCTION.
- W WATER FACILITIES TO BE RELOCATED BY PUBLIC UTILITIES DEPARTMENT, WATER DIVISION.
- E ELECTRIC FACILITIES TO BE RELOCATED BY PUBLIC UTILITIES DEPARTMENT, ELECTRIC DIVISION.
- TR FOR RELOCATION/REMOVAL OF TRAFFIC FACILITY, SEE SIGNAL AND STRIPING PLANS.
- TEL TELEPHONE FACILITIES TO BE RELOCATED BY PACIFIC BELL.
- R&R FCC REMOVE FAILED OR DECAYED PCC SIDEWALK AND CONSTRUCT NEW SIDEWALK PER PLANS AND CITY STD 325
- S CONSTRUCT MIN. 0.1' ARHH-GG-C CAP OVER 0.40' AC PAVEMENT B-PC-64-10 OVER 0.80' CRUSHED MISCELLANEOUS BASE.
- RET WALL CONSTRUCT 8" TO 48" TALL DECORATIVE SPLIT FACE (6"X8"X16" GREY CONCRETE BLOCK) RETAINING WALL PER CITY STD. DWG. NO. 707 BEHIND RIGHT OF WAY LINE AND ADJACENT TO DRIVEWAYS WHERE SHOWN ON PLAN. TOP OF FOOTING SHALL BE AT LEAST 6" BELOW FINISHED SURFACE AND SHOULD BE PLACED AT SAME GRADE AS STREET OR DRIVEWAY. WALL SHALL HAVE MATCHING SPLIT FACE DECORATIVE CAP. SEE DRAINAGE DETAIL ON SHEET 5.
- LOOPS CONTRACTOR TO RECONSTRUCT TRAFFIC LOOPS AS NEEDED.
- 1 MATCHUP TO EXISTING DRIVEWAY WITH 4" THICK AC PAVEMENT OVER 95% COMPACTED NATIVE.
- 2 MATCHUP TO EXISTING DRIVEWAY WITH 6" THICK PCC CONCRETE OVER COMPACTED NATIVE.
- 3 RELOCATE EXISTING SWINGING CHAIN LINK GATE TO NEW LOCATION SHOWN ON PLAN AND MATCH FINISHED DRIVEWAY GRADE AT 925B, 9222 AND 9210 COLORADO AVENUE. REMOVE EXISTING SLIDING CHAIN LINK GATE AND REPLACE WITH SWINGING GATE AT NEW LOCATION SHOWN ON PLAN AND MATCH FINISHED DRIVEWAY GRADE AT 9244(2), 9230 AND 9216 COLORADO AVENUE. RELOCATE SLIDING CHAIN LINK GATE AND TRACK BEHIND NEW IMPROVEMENTS AT 9211 COLORADO AVENUE. RECONSTRUCT EXISTING SLIDING CHAIN LINK FENCE, GATE AND MOTOR AS NECESSARY TO MATCH NEW GRADE OF PROPOSED IMPROVEMENTS AT 9272 COLORADO AVENUE. ADJUST EXISTING SWINGING CHAIN LINK FENCE AND GATE VERTICALLY TO MATCH GRADE OF NEW IMPROVEMENTS AT SECOND DRIVEWAY AT 925B COLORADO AVENUE.
- 4 CONSTRUCT VARIABLE 6" TO 18" RETAINING CURB OR GRADE SLOPE AS DIRECTED BY FIELD ENGINEER.
- 5 RECONSTRUCT CHAIN LINK FENCE IN KIND BEHIND NEW IMPROVEMENTS.
- 6 REMOVE EXISTING WALL AND WROUGHT IRON FENCE WITH PILASTERS. CONSTRUCT NEW RETAINING WALL (H=4' MAX) PER CITY STD. DWG. NO. 707. PILASTERS WROUGHT IRON FENCE AND GATE AS SHOWN ON PLAN TO MATCH EXISTING ARCHITECTURAL APPEARANCE. RECONSTRUCT EASTERLY GATE WITH SWINGING GATE AND REMOVE WESTERLY GATE. TOP OF FOOTING SHALL BE AT LEAST 6" BELOW FINISHED SURFACE AND SHOULD BE PLACED AT SAME GRADE AS STREET OR DRIVEWAY. SEE DRAINAGE DETAIL ON SHEET 5.
- 7 SAWCUT AND REMOVE ALL EXISTING IMPROVEMENTS AS INDICATED.
- 8 CONSTRUCT 42" TALL CHAIN LINK FENCE WHERE SHOWN ON PLAN.
- 9 FROM STA. 14+73± TO STA. 15+50± SIDEWALK SHALL SLOPE AT 2% TOWARD PROPERTY. CONTRACTOR SHALL PROVIDE STRAIGHT GRADE TRANSITION BACK TO 2% TOWARD STREET OVER LENGTH OF 10' OUTSIDE OF STATION RANGE.
- 10 CONSTRUCT WALL DRAINAGE PER DETAILS ON SHEET 5.

<p>BENCHMARK G3-A2 ELEVATION: 742.228 BRASS DISK STAMPED "G3-A" IN A WELL MONUMENT AT THE INTERSECTION OF VAN BUREN BLVD. AND COLORADO AVE.</p>	<p>ENGINEER IN RESPONSIBLE CHARGE <i>Edward Lara</i> EDWARD LARA R.C.E. No. 63753 expires 9/30/10 DATE November 3, 2009</p>	<p>APPROVED BY _____ BY _____ DATE _____</p> <p>SURVEYOR _____</p> <p>STREET SERVICES _____</p> <p>CONSTRUCTION ADMIN. _____</p> <p>ENGINEERING MANAGER _____</p>	<p>CITY OF RIVERSIDE, CALIFORNIA PUBLIC WORKS DEPARTMENT</p> <p>APPROVED BY _____</p> <p>CITY ENGINEER _____</p> <p>DATE _____</p>	<p>COLORADO AVENUE STREET IMPROVEMENTS VAN BUREN BLVD. TO JACKSON ST.</p> <p>STA 24+50 TO 27+04.30</p> <p>HORIZ. SCALE: 1"=20' VERT. SCALE: 1"=4'</p>	<p>DESIGN W.D. NO.: 0508015 CONSTRUCTION W.D. NO.: 1013048</p> <p style="font-size: 2em; font-weight: bold;">R-4123</p> <p>SHEET 5A OF 5</p> <p>FILE NO. _____</p>
<p>DESIGNED BY CS DRAWN BY CS CHECKED BY EL</p>		<p>REVISD PER ADDENDUM NO. 1 EL 11/6/09</p>		<p>MARK _____ REVISIONS _____ APPR. _____ DATE _____</p>	