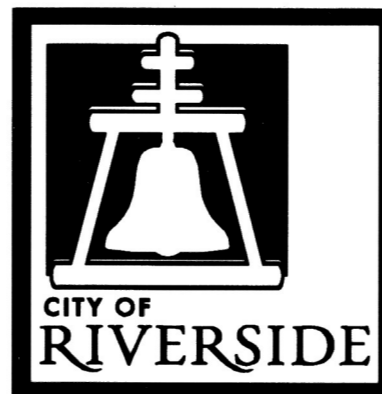


GENERAL CONSTRUCTION NOTES

- 1 THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TWO TWELVE-FOOT-WIDE LANES FOR TWO-WAY TRAFFIC AT ALL TIMES. NO REDUCTION OF THE TRAVELED WAY WIDTH SHALL BE PERMITTED BEFORE 8:30 A.M. NOR AFTER 3:30 P.M. ON ANY STREET UNLESS PRIOR APPROVAL IN WRITING IS OBTAINED FROM THE DIRECTOR OF PUBLIC WORKS.
- 2 CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF RIVERSIDE STANDARD DRAWINGS AND STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 2009 EDITION.
- 3 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.
- 4 CONFLICTING UTILITIES SHOWN WITHIN CONSTRUCTION AREA WILL BE RELOCATED PRIOR TO CONSTRUCTION.
- 5 ALL STREET PULL BOXES, AFFECTED BY CONSTRUCTION, SHALL BE ADJUSTED TO THE PROPOSED GRADE.
- 6 ALL ELEVATIONS SHOWN ON THE PLANS SHALL BE STAKED IN THE FIELD, EXCEPT FOR ELEVATIONS SHOWN IN PARENTHESIS WHICH DENOTE EXISTING GRADES.
- 7 PRIME CONTRACTOR BIDDING THIS WORK SHALL HAVE A CLASS "A"
- 8 THE SEAM BETWEEN PASSES OF THE AC OVERLAY SHALL COINCIDE, AS CLOSE AS POSSIBLE, TO THE LANE LINES.
- 9 COLD MILLING TYPE 1 SHALL BE AS DIRECTED BY THE ENGINEER AND AS DESCRIBED IN SPECIAL PROVISIONS.
- 10 IN PAVEMENT OVERLAY AREAS, ANY DISTRESSED EXISTING PAVEMENT SHALL BE REMOVED AND REPLACED AS DIRECTED BY THE INSPECTOR AFTER COLD-MILLING AND PRIOR TO OVERLAYING WITH ARHM-GG PAVING.



RIVERSIDE CALIFORNIA PUBLIC WORKS DEPARTMENT

FIVE POINTS STREET IMPROVEMENT PROJECT

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 EXISTING FACILITY TO GRADE. THE FOLLOWING IS THE LEGEND:
GV = GATE VALVE; MH = MAN HOLE COVER
M = MONITORING WELL VLT = VALVE

G ETS VALVE BOX WILL BE RELOCATED BY GAS COMPANY.

G1 5' WIDE AND 0.1' MINIMUM DEPTH GRIND WITH 0.1' VARIABLE DEPTH OVERLAY

G2 VARIABLE WIDTH AND 0.1' MINIMUM DEPTH (0.2' MAX) WITH A 0.1' VARIABLE DEPTH ARHM OVERLAY

OL CONSTRUCT VARIABLE THICKNESS ARHM-GG AC OVERLAY. 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.

R REMOVE STREET TREE. THE FOLLOWING IS THE LEGEND:
1 = CLASS 1, TREE DIAMETER SIZE SHALL BE OVER 6" TO 18"
2 = CLASS 2, TREE DIAMETER SIZE SHALL BE OVER 18" TO 36"

S1 CONSTRUCT STRUCTURAL SECTION WITH 4" AC OVER 6" AGGREGATE BASE (INCLUDES OVERLAY)

S2 CONSTRUCT STRUCTURAL SECTION WITH 3" AC OVER 6" AGGREGATE BASE (INCLUDES OVERLAY)

S3 CONSTRUCT STRUCTURAL SECTION WITH 4" AC OVER 8" AGGREGATE BASE (INCLUDES OVERLAY)

S4 CONSTRUCT STRUCTURAL SECTION WITH 6" AC OVER 8" AGGREGATE BASE (INCLUDES OVERLAY)

COB COBBLE MEDIAN BAND/SURFACE, FOR DETAIL SEE SPECIAL PROVISIONS.

LS CONSTRUCT LANDSCAPE AND IRRIGATION PER DRAWING R-4019L

W1 EXISTING WATER METER TO BE ABANDONED

W2 EXISTING WATER METER TO BE RELOCATED

REB REMOVE AND REPLACE EXISTING FACILITY (XX = TYPE PER PLAN). THE FOLLOWING IS THE LEGEND:
SWK = SIDEWALK; RMP = PED RAMP WING; DWY = DRIVEWAY
S1 = STRUCTURAL SECTION; C&G = CURB AND GUTTER.

REL RELOCATE EXISTING FACILITY (XX = TYPE PER PLAN). THE FOLLOWING IS THE LEGEND:
ACC = ACCESSORIES (TRASH CONTAINER, MAILBOX AND PAPER STAND)
SWR = SEWER MAN HOLE; MH = MAN HOLE; SL = STREET LIGHT; TR = TREE
FH = FIRE HYDRANT; BUS = BUS PAD SHELTER & ACCESSORIES

325M MODIFIED SIDEWALK: SIDEWALK 2X FROM BLDG TO 3' BEHIND CURB, STRAIGHT GRADE TO BACK OF CURB. LIMITS TO BE IDENTIFIED IN THE FIELD PRIOR TO REMOVAL.

APW APWA STANDARD 308-1, MONOLITHIC CATCH BASIN CONNECTION

PIP PROTECT IN PLACE (XX = TYPE PER PLAN). THE FOLLOWING IS THE LEGEND:
CB = CATCH BASIN; SL = STREET LIGHT; PP = POWER POLE
WM = WATER METER; FH = FIRE HYDRANT; TR = TREE
RMP = PROTECT IN PLACE EXISTING HANDICAP ACCESSIBLE RAMP. CONTRACTOR TO STRAIGHTEN GRADE FROM BACK OF DRIVEWAY WALK TO FRONT CORNER OF EXISTING RAMP. CONTRACTOR TO VERIFY GRADE DIFFERENTIAL BETWEEN THESE POINTS DOES NOT EXCEED 3 INCHES.

REX REMOVE EXISTING FACILITY (XX = TYPE PER PLAN). THE FOLLOWING IS THE LEGEND:
MB = MAIL BOX; PP = EXISTING POLE TO BE REMOVED BY CITY CONTRACTOR
TR = TREE; CB = CATCH BASIN; DWY = DRIVEWAY

RCR REINFORCED CONCRETE PIPE (XX = TYPE PER PLAN). THE FOLLOWING IS THE LEGEND:
15" = 15" DIAMETER REINFORCED CONCRETE PIPE
18" = 18" DIAMETER REINFORCED CONCRETE PIPE

C1 CHARTER TO RELOCATE OVERHEAD FACILITIES

C2 CHARTER TO ABANDON OVERHEAD SERVICES

T CONTRACTOR SHALL COORDINATE WITH AT&T

T1 AT&T TO RELOCATE OVERHEAD FACILITIES

T2 AT&T TO ABANDON OVERHEAD SERVICES

T3 AT&T TO INSTALL GUY WIRE FACILITY

T4 AT&T TO MODIFY/RECONSTRUCT UNDERGROUND VAULT

T5 AT&T TO RELOCATE POLE

MW ABANDONED MONITORING WELL (CONCRETE FILLED). CONTRACTOR TO CUT 3' BELOW FINISHED GRADE

RDA RESTRIPE PARKING LOT TO PROVIDE SINGLE ADA ACCESS STALL PER BUILDING AND SAFETY STANDARD RDA-1.0. CONTRACTOR TO ELIMINATE FIRST STALL ADJACENT TO PIERCE STREET.

M 816 RCFC & WCD STANDARD DRAWING M816 - CONCRETE BULKHEAD

BUS CONSTRUCT BUS PAD PER RTA STANDARDS

CURB CURB DATA INFORMATION, SEE SHT 2 FOR TABLE.

CONSTRUCT CURB AND GUTTER. THE FOLLOWING IS THE LEGEND:
1-6" = 6" CURB AND GUTTER; 11" = 8" MEDIAN CURB

E CONTRACTOR SHALL COORDINATE WITH PUD ELECTRIC

E1 PUD ELECTRIC TO RELOCATE OVERHEAD FACILITIES

E2 PUD ELECTRIC TO ABANDON OVERHEAD SERVICES

E3 PUD ELECTRIC TO UNDERGROUND OVERHEAD FACILITIES

E4 PUD ELECTRIC TO CONSTRUCT UNDERGROUND RISER TO OVERHEAD

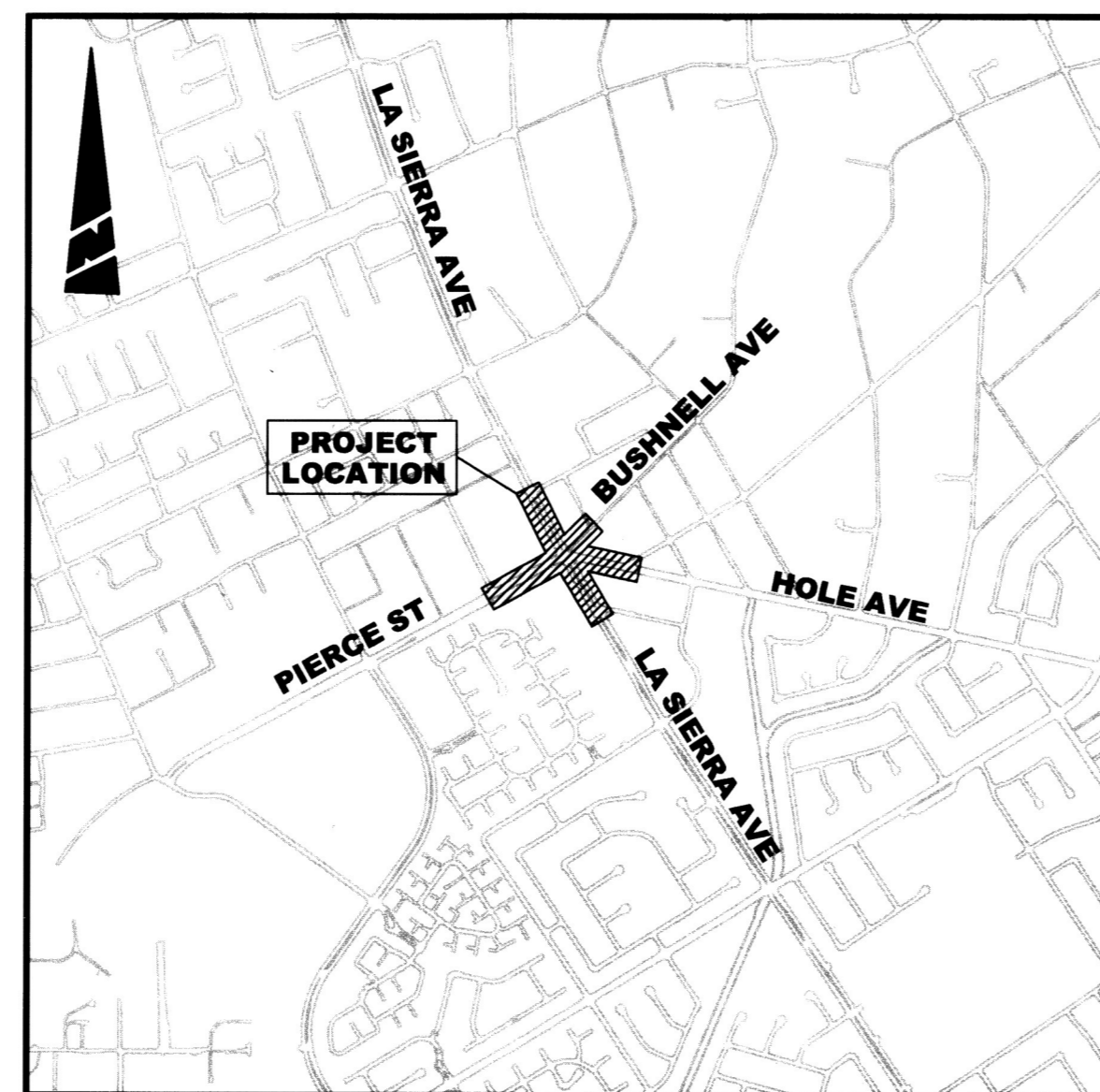
E5 PUD ELECTRIC TO RELOCATE POLE

E6 INSTALL NEW STREET LIGHT

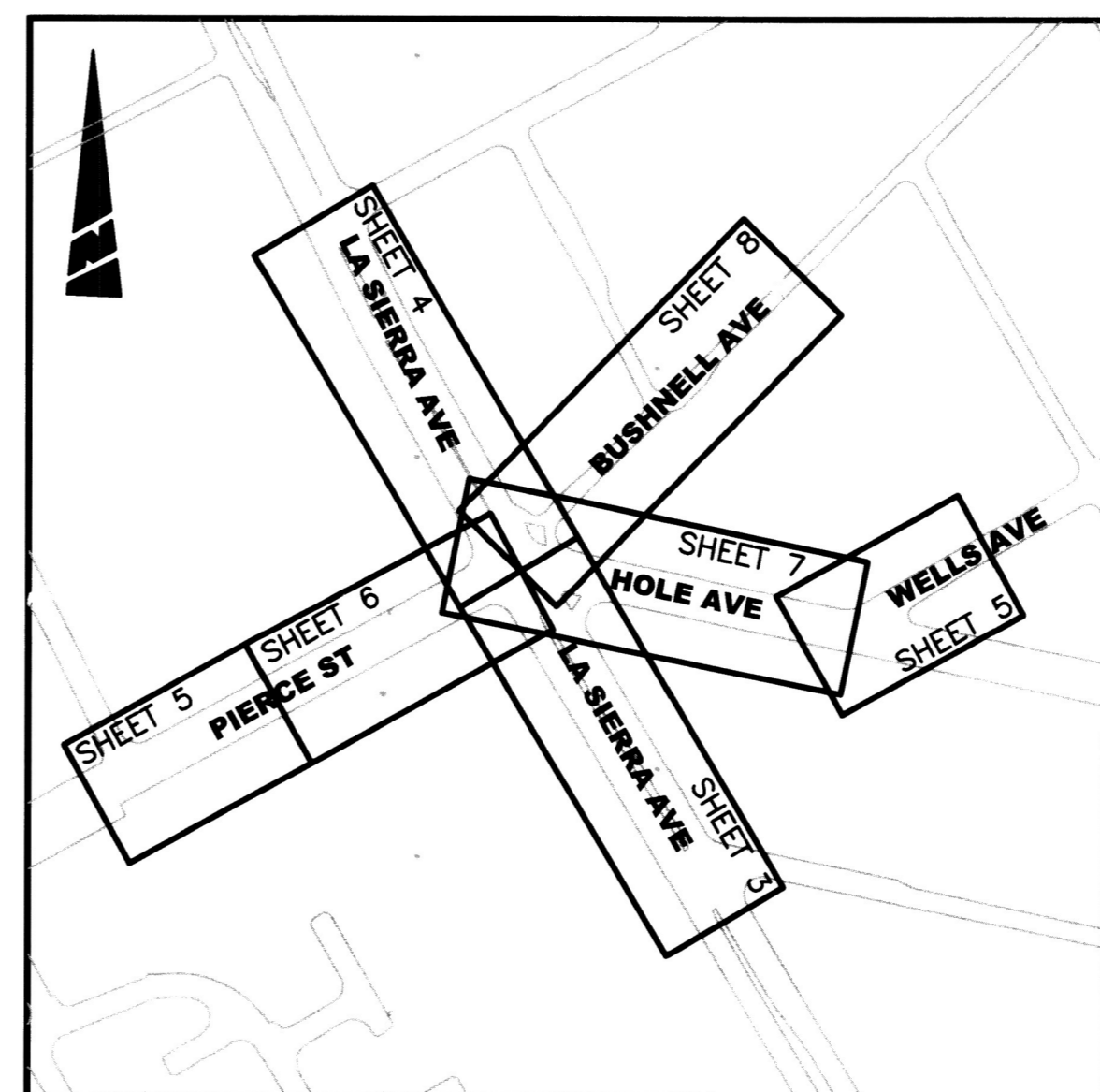
CONSTRUCT WROUGHT IRON GATES AS INDICATED ON STATION 70+32.10. CLARIFY SIGNIFICANCE AND "WROUGHT" MEANS "WROUGHT" NOT "WROUGHT" WITH "WROUGHT" MEANS "WROUGHT".

CONSTRUCT MODIFIED DRIVEWAY: MODIFICATION INCLUDES TRANSITION FROM CURB SIDE DRIVEWAY TO PROPERTY LINE DRIVEWAY

CONSTRUCT MODIFIED DRIVEWAY: MODIFICATION INCLUDES CONSTRUCTING AN OFFSET 'B' WIDTH. THE WESTERLY PORTION OF THE 'B' WIDTH SHALL BE 4" AND THE WESTERLY DRIVEWAY WING SHALL TRANSITION TO THE JOIN THE EXISTING DRIVEWAY AT 3' BACK FROM TOP OF CURB.

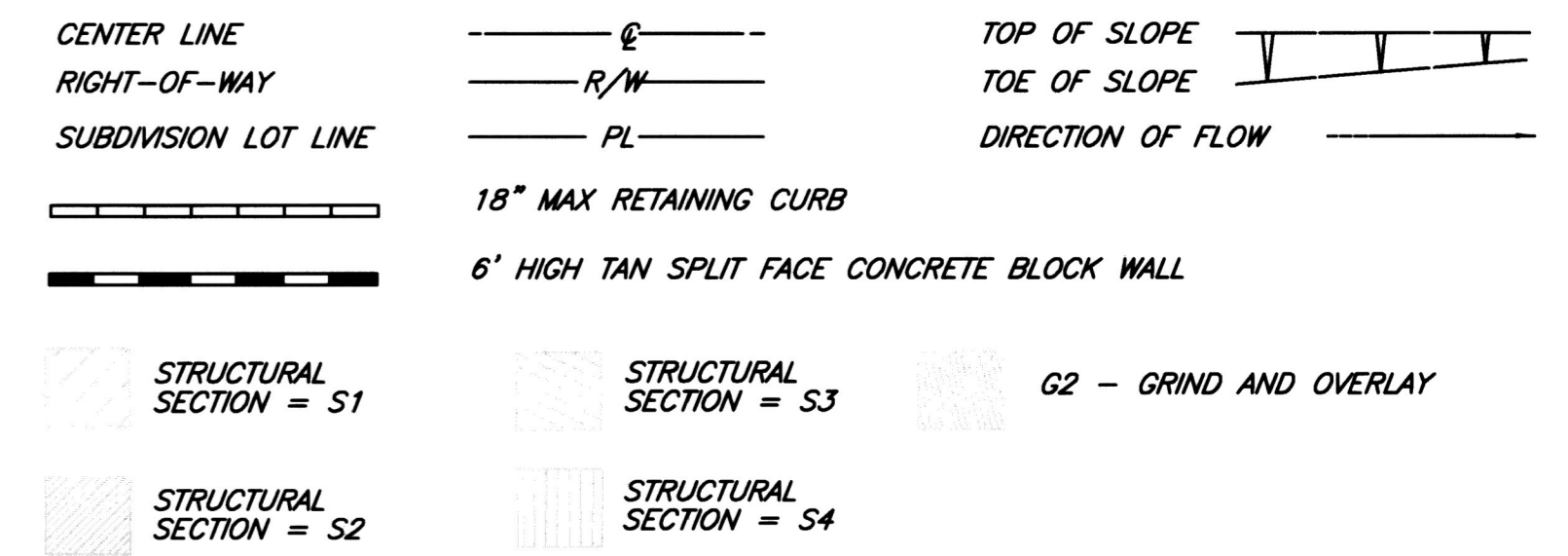


PROJECT LOCATION MAP
NTS

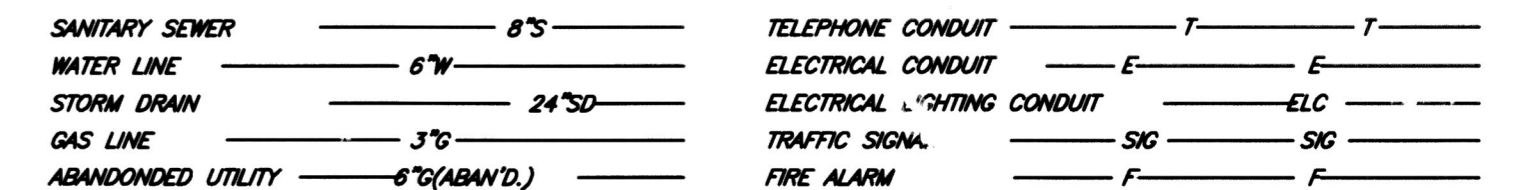


SHEET INDEX MAP
NTS

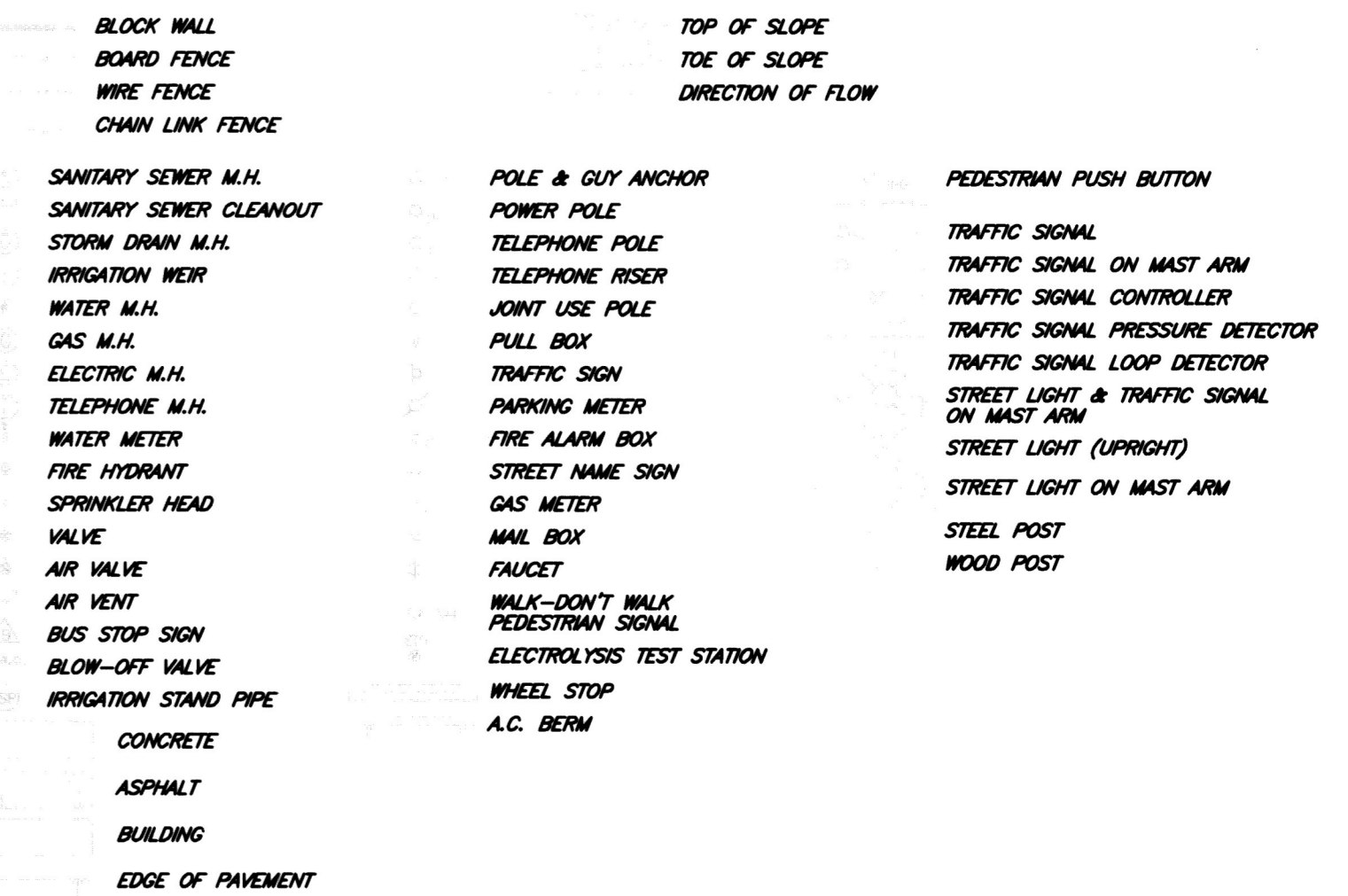
CONSTRUCTION LEGEND



EXISTING UNDERGROUND UTILITIES:



EXISTING TOPOGRAPHY:



SHEET INDEX: STREET IMPROVEMENT

SHEET NO.	DESCRIPTION
1	TITLE SHEET & NOTES
2	SECTIONS
3	LA SIERRA AVENUE(SOUTH) STREET IMPROVEMENTS
4	LA SIERRA AVENUE(NORTH) STREET IMPROVEMENTS
5	PIERCE STREET AND WELLS AVENUE STREET IMPROVEMENTS
6	PIERCE STREET IMPROVEMENTS
7	HOLE AVENUE STREET IMPROVEMENTS
8	BUSHNELL AVENUE STREET IMPROVEMENTS
9	STORM DRAIN LINES A-1, A-2, A-3, B-1, C-1 IMPROVEMENTS
10	STORM DRAIN LINES D-1, D-2, E-1, E-2 IMPROVEMENTS

SHEET INDEX: STREET LIGHT PLAN

DWG NO.	DESCRIPTION
100024-03	STREET LIGHT PLAN (SHEETS 1-3)

SHEET INDEX: ELECTRIC UNDERGROUND

DWG NO.	DESCRIPTION
070015	ELECTRIC PLANS (SHEETS 1-5)

SHEET INDEX: LANDSCAPE IMPROVEMENTS

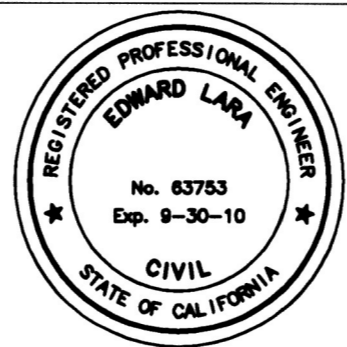
DWG NO.	DESCRIPTION
R-4019L	LANDSCAPE AND IRRIGATION PLANS (SHEETS 1-10)

SHEET INDEX: TRAFFIC IMPROVEMENTS

SHEET NO.	DESCRIPTION
XL-557	SIGNING AND STRIPING PLAN - LA SIERRA, HOLE AVE AND PIERCE STREET
X-383A	HOLE AVENUE @ WELLS AVENUE
X-413A	LA SIERRA AVE AT HOLE AVENUE/PIERCE STREET

BENCHMARK F2-N3
P.K NAIL AND CITY ENGINEER TAG IN THE NORTHERLY CURB OF PIERCE STREET MIDWAY BETWEEN ROSE AVENUE AND HOLLYHOCK LANE.
ELEVATION: 723.297

ENGINEER IN RESPONSIBLE CHARGE
Edward Lara
R.C.E. No. 63753 expires 9/30/10
DATE July 26, 2010

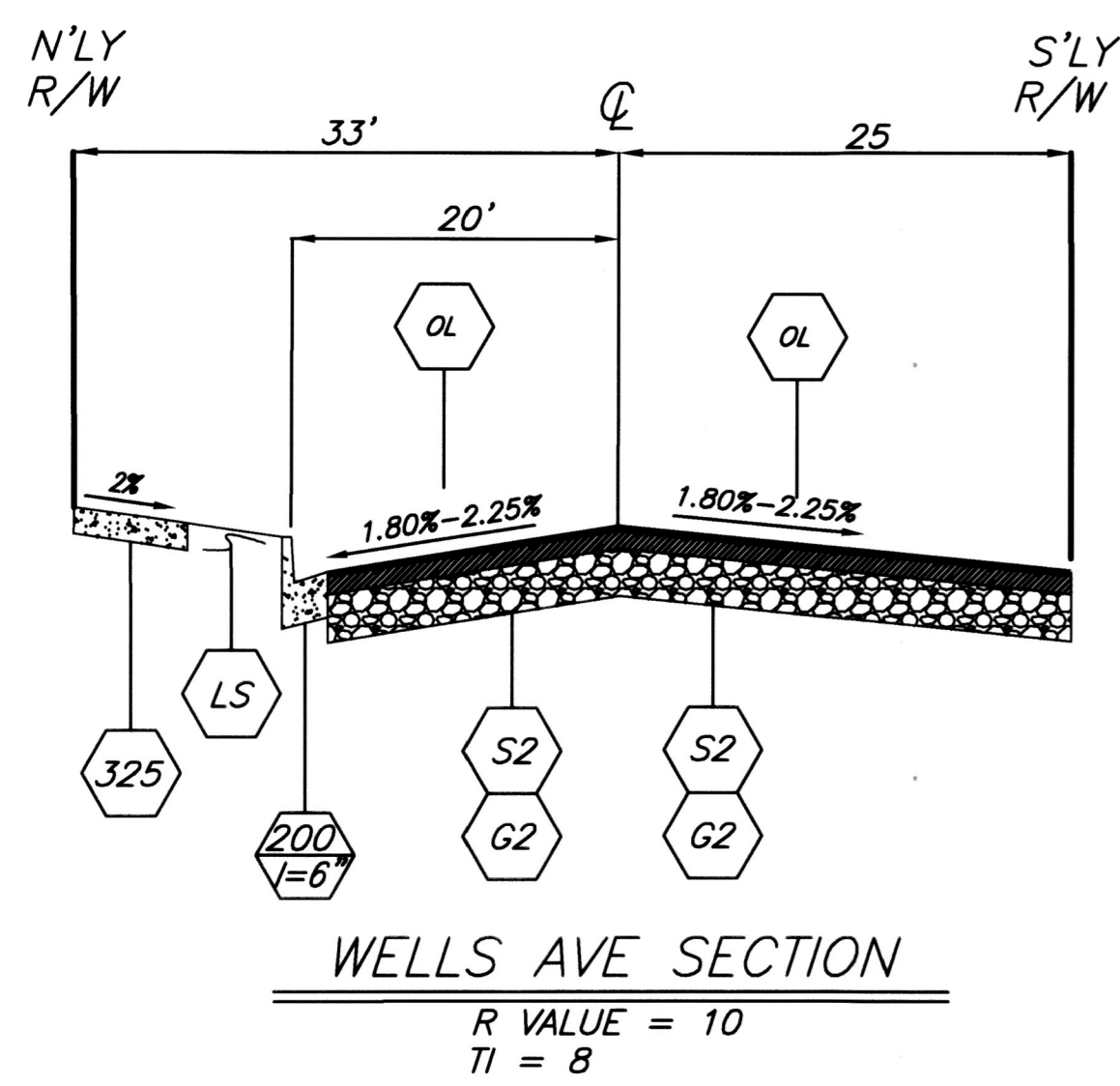
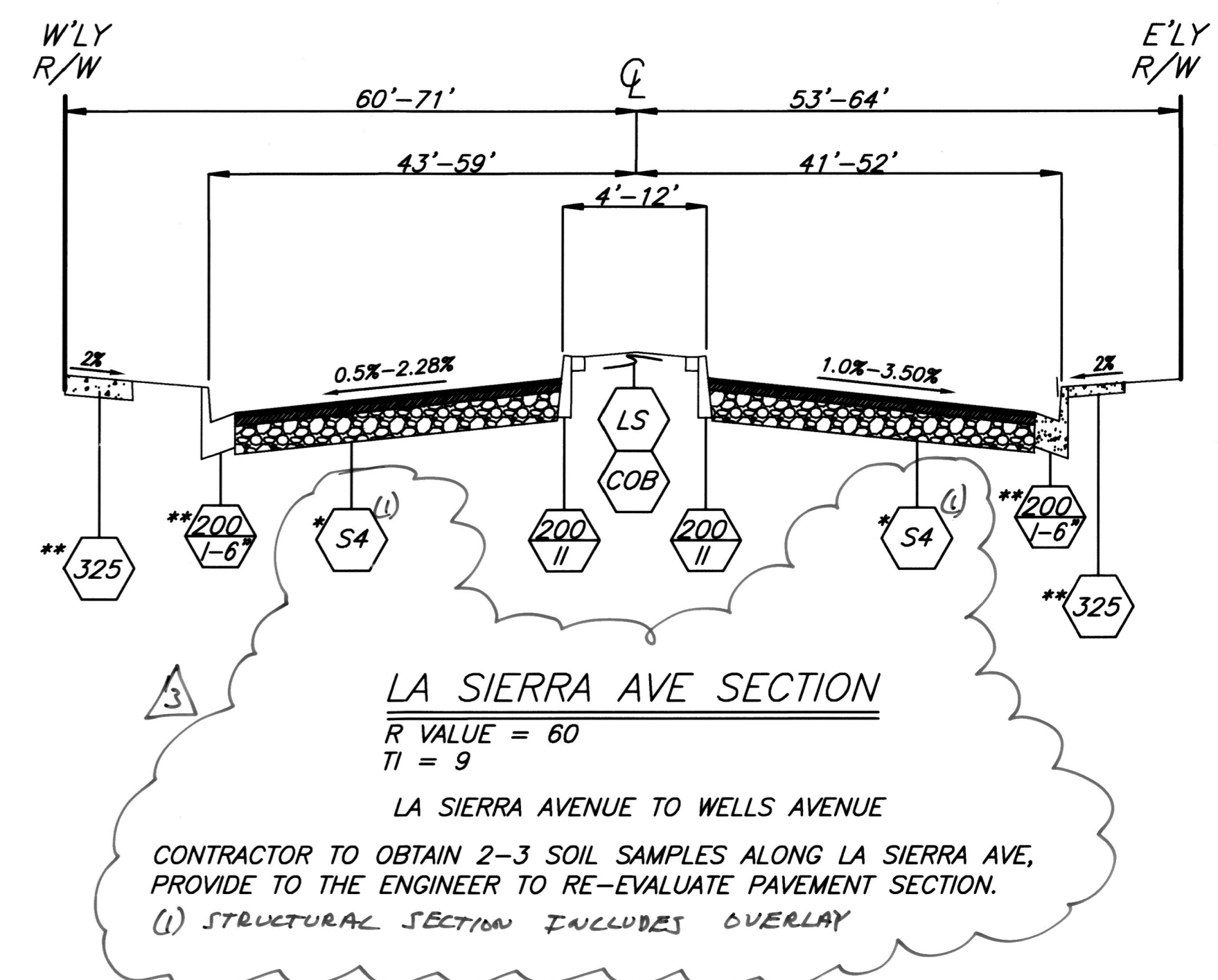
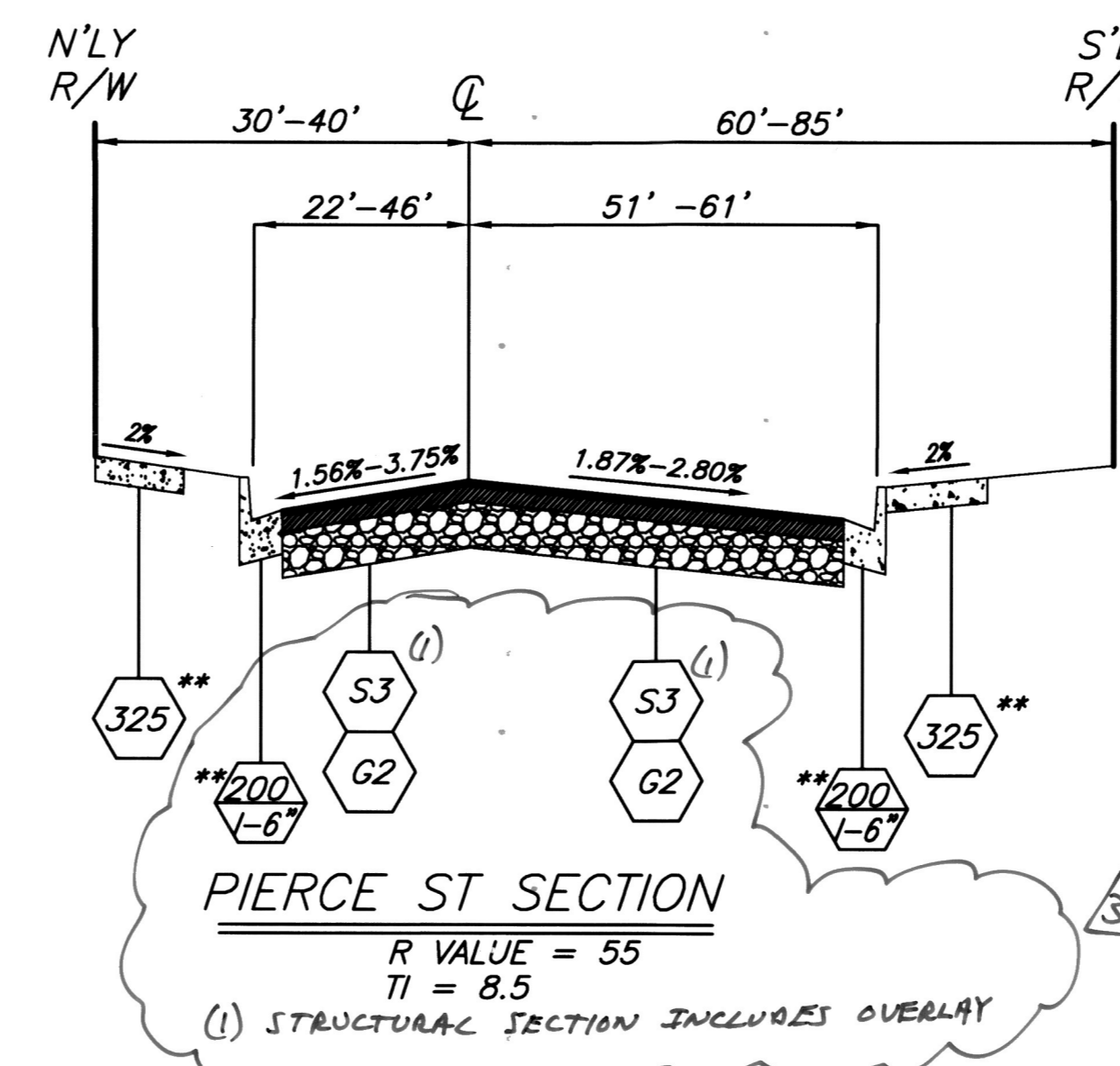
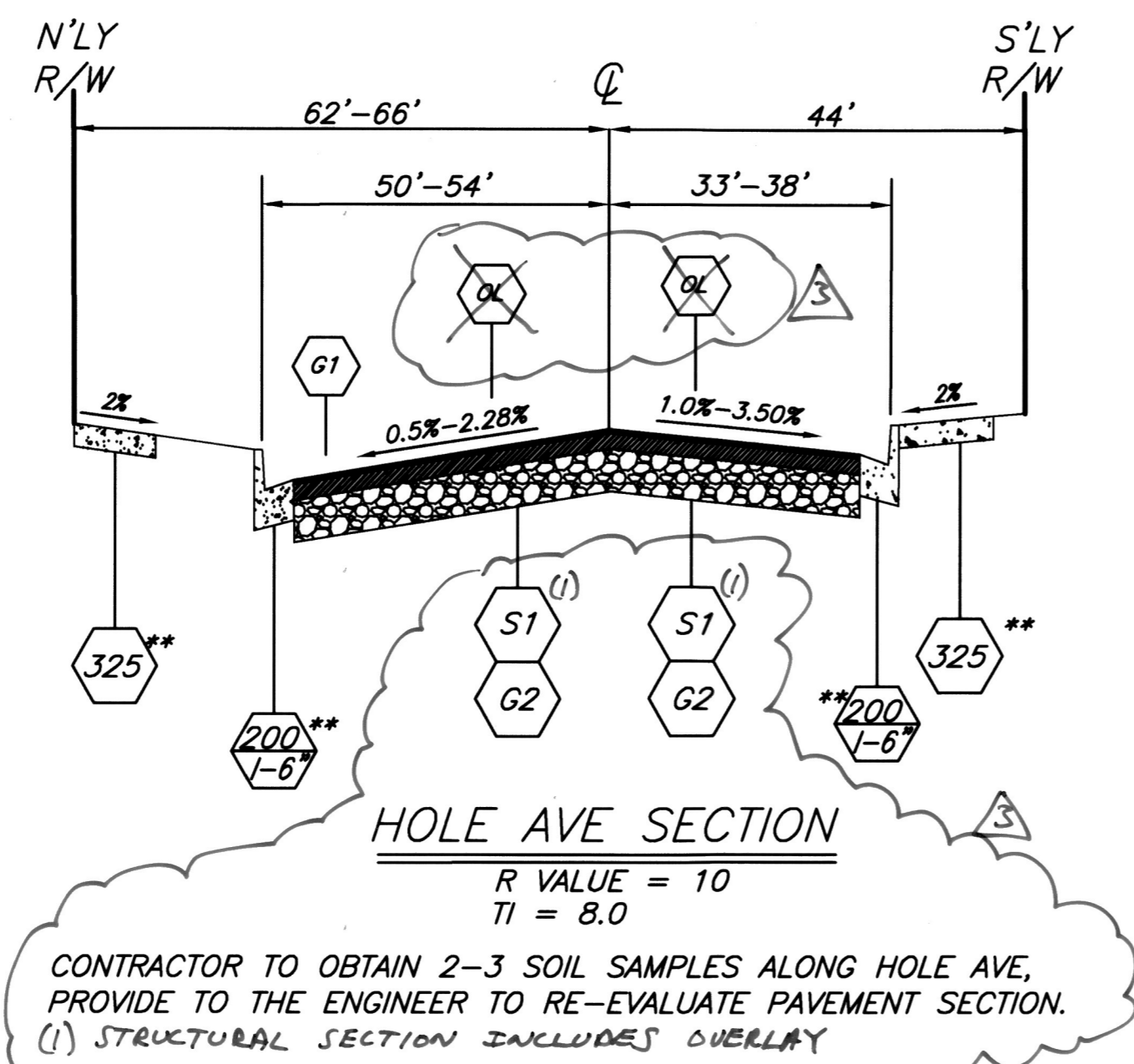
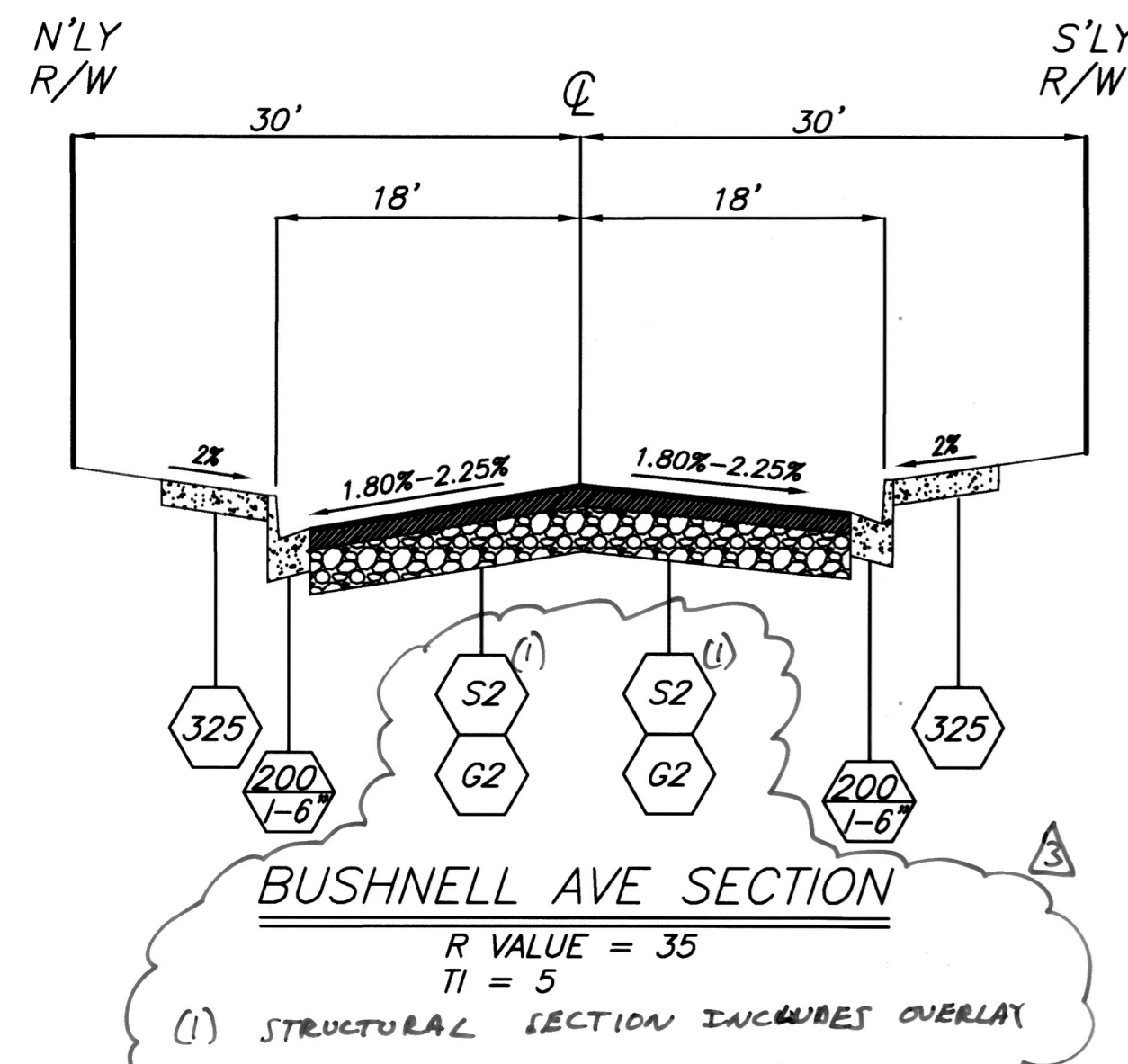


APPROVED BY	BY	DATE
PRINCIPAL ENGINEER	EL	7/28/10
CONSTRUCTION ADMIN.		
SURVEYOR	CC	7/28/10
STREET SERVICES	EL	7/29/10
TRAFFIC ENGINEER	EL	7/29/10
LANDSCAPE	EL	7/29/10

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT
APPROVED BY
CITY ENGINEER
DATE 7/28/10

STREET IMPROVEMENTS
AT FIVE-POINT
COVER SHEET
HORIZ. SCALE: N/A
VERT. SCALE: N/A

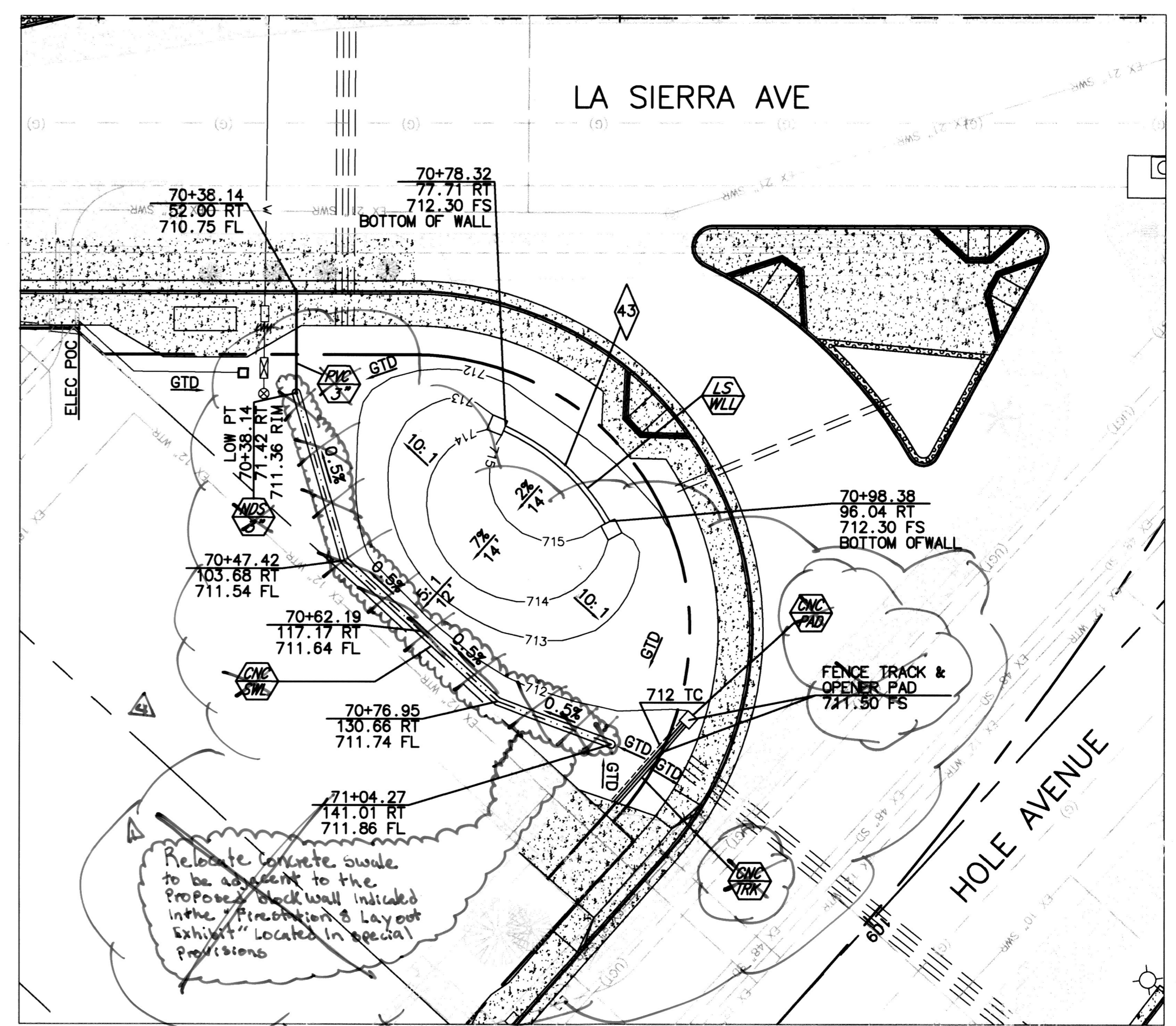
DESIGN WORK ORDER NO. 0704839
CONSTR. WORK ORDER NO. 1101889
R-4019
SHEET 1 OF 10
FILE NO.



* STRUCTURAL SECTION (S4) TYPICAL FOR MOST OF LA SIERRA. GRINDING AND OVERLAY ALONG LA SIERRA AT VARIOUS LOCATIONS. SEE PLANS FOR EXACT LOCATIONS.
 ** SIDEWALK, CURB AND GUTTER ALREADY EXISTS AT SOME AREAS WITHIN PROJECT LIMITS, PROTECT IN PLACE. CONSTRUCT NEW SIDEWALK, CURB & GUTTER AS NOTED ON THE PLANS.

CURVE DATA TABLE					
DELTA	RADIUS	LENGTH	TANGENT	REMARK	
1	2°17'38"	1500.00'	60.05'	30.03'	S'LY CURB
2	11°56'35"	700.00'	145.91'	73.22'	S'LY CURB
3	74°51'34"	50.00'	65.33'	38.27'	LA SIERRA AVE & PIERCE AVE CURB RETURN
4	90°00'00"	35.00'	54.98'	35.00'	PIERCE AVE & LA SIERRA AVE CURB RETURN
5	9°13'48"	250.00'	40.27'	20.18'	W'LY CURB
6	9°13'48"	250.00'	40.27'	20.18'	W'LY CURB
7	3°06'18"	800.00'	43.35'	21.68'	W'LY CURB
8	3°10'47"	800.00'	44.40'	22.21'	W'LY CURB
9	12°39'25"	90.00'	19.88'	9.98'	E'LY CURB
10	12°40'49"	90.00'	19.92'	10.00'	E'LY CURB
11	131°22'13"	65.00'	149.03'	143.86'	LA SIERRA AVE & HOLE AVE CURB RETURN
12	63°26'43"	80.00'	88.59'	49.45'	PIERCE AVE & HOLE AVE CURB RETURN
13	15°41'26"	712.00'	194.98'	98.11'	N'LY CURB
14	42°56'26"	35.00'	26.23'	13.77'	HOLE AVE & WELLS AVE CURB RETURN
15	177°53'24"	2.80'	8.69'	152.05'	MEDIAN NOSE
16	03°06'12"	1610.00'	87.20'	43.61'	RIGHT MEDIAN CURB
17	05°12'48"	250.00'	22.75'	11.38'	LEFT MEDIAN CURB
18	12°40'34"	185.00'	40.93'	20.55'	LEFT MEDIAN CURB
19	05°05'27"	320.00'	28.43'	14.23'	RIGHT MEDIAN CURB
20	09°27'42"	185.00'	30.55'	15.31'	LEFT MEDIAN CURB
21	07°07'30"	320.00'	39.79'	19.92'	RIGHT MEDIAN CURB
22	180°00'00"	2.00'	6.28'	0.00'	MEDIAN NOSE

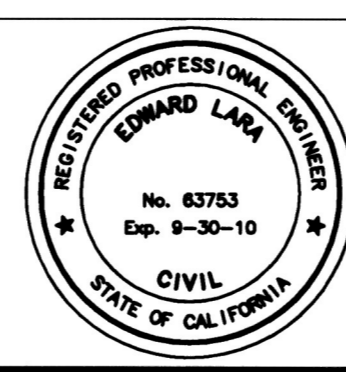
CURVE DATA TABLE					
DELTA	RADIUS	LENGTH	TANGENT	REMARK	
23	180°00'00"	2.00'	6.28'	0.00'	MEDIAN NOSE
24	12°40'49"	189.00'	41.83'	21.00'	LEFT MEDIAN CURB
25	12°40'49"	185.00'	40.94'	20.56'	RIGHT MEDIAN CURB
26	12°40'49"	185.00'	40.94'	20.56'	RIGHT MEDIAN CURB
27	12°40'49"	181.00'	40.06'	20.11'	LEFT MEDIAN CURB
28	180°00'00"	2.00'	6.28'	0.00'	MEDIAN NOSE
29	154°36'46"	4.00'	10.79'	17.76'	MEDIAN NOSE
30	118°24'40"	4.00'	8.27'	6.71'	MEDIAN NOSE
31	121°49'40"	3.00'	6.38'	5.39'	MEDIAN NOSE
32	34°51'06"	90.00'	54.74'	28.25'	RIGHT MEDIAN CURB
33	40°28'37"	700.00'	494.52'	258.08'	HOLE/PIERCE CONSTRUCTION CENTERLINE
34	41°45'41"	30.00'	21.87'	11.44'	STORM DRAIN LINE A-2
35	71°18'42"	25.00'	31.12'	17.94'	BUSHNELL AVE & BOGART AVE CURB RETURN
36	14°59'58"	115.00'	30.11'	15.14'	N'LY CURB
37	209°59'56"	36.00'	131.95'	0.00'	BUSHNELL CUL DE SAC
38	14°59'59"	115.00'	30.11'	15.14'	S'LY CURB
39	150°00'00"	1.00'	2.62'	3.73'	MEDIAN NOSE
40	22°24'06"	30.00'	11.73'	5.94'	RIGHT MEDIAN CURB
41	165°00'00"	1.00'	2.88'	7.60'	MEDIAN NOSE
42	17°20'12"	30.00'	9.08'	4.57'	LEFT MEDIAN CURB
43	36°50'03"	43.00'	27.64'	14.32'	FACE OF LANDSCAPE WALL
44	51°49'04"	30.00'	27.21'	14.62'	STORM DRAIN LINE A-3



As B.O. 5/09/23 B.O.

BENCHMARK F2-N3
 P.K NAIL AND CITY ENGINEER TAG IN THE NORTHERLY CURB OF PIERCE STREET, MIDWAY BETWEEN ROSE AVENUE AND HOLLYHOCK LANE.
 ELEVATION: 723.297

ENGINEER IN RESPONSIBLE CHARGE
 EDWARD LARA
 R.C.E. No. 63753 expires 9/30/10
 DATE July 26, 2010

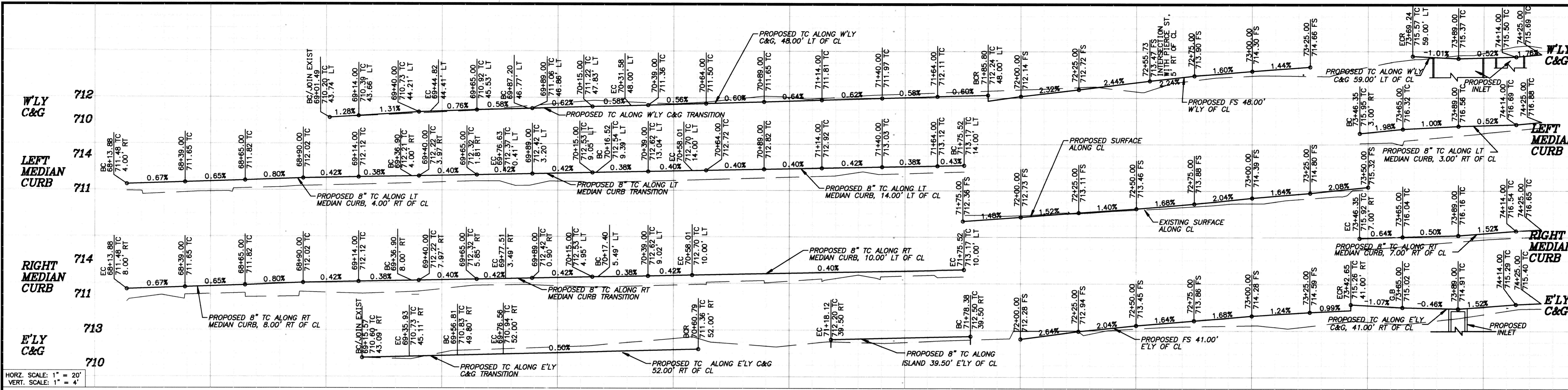


APPROVED BY	BY	DATE
PRINCIPAL ENGINEER	EL	7-28-10
CONSTRUCTION ADMIN.	P	
SURVEYOR	CS	7/28/10
STREET SERVICES	CS	7-28-10
TRAFFIC ENGINEER	CH	7-27-10
LANDSCAPE	JS	7-28-10

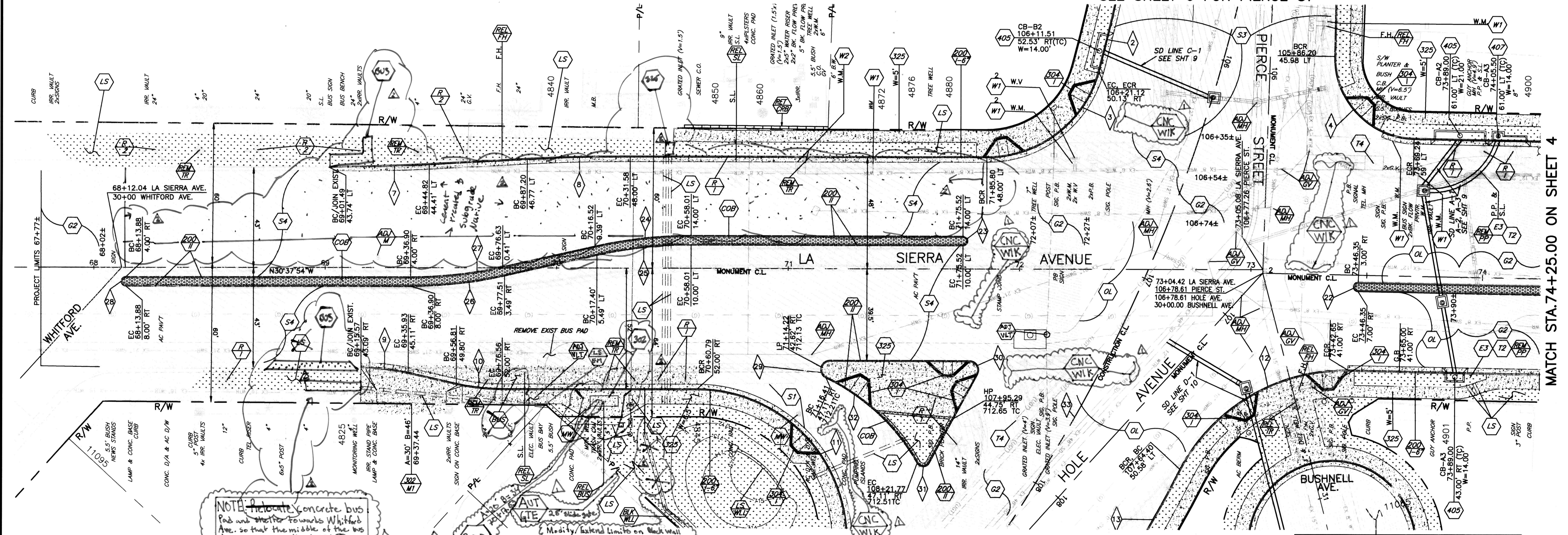
CITY OF RIVERSIDE, CALIFORNIA
 PUBLIC WORKS DEPARTMENT
 APPROVED BY: [Signature]
 CITY ENGINEER
 DATE: 7/28/10

STREET IMPROVEMENTS
 AT FIVE-POINT
 TYPICAL SECTIONS
 HORIZ. SCALE: N/A VERT. SCALE: N/A

DESIGN WORK ORDER NO. 0704839
 CONSTR. WORK ORDER NO. 1101889
R-4019
 SHEET 2 OF 10
 FILE NO.



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



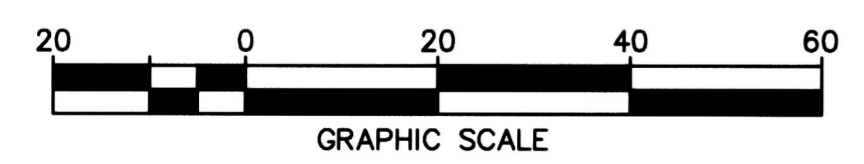
NOTE: Relocate concrete bus pad and shelter towards Whitford Ave. so that the middle of the bus pad is approximately at 69+60

Modify/extend limits on Black Wall as shown on Fire Station 8 Layout which is located in special provisions

SEE SHEET 7 FOR HOLE AVE

SEE SHEET 6 FOR PIERCE ST

MATCH STA. 74+25.00 ON SHEET 4



BENCHMARK F2-N3
 P.K NAIL AND CITY ENGINEER TAG IN THE NORTHERLY CURB OF PIERCE STREET MIDWAY BETWEEN ROSE AVENUE AND HOLLYHOCK LANE.
 ELEVATION: 723.297

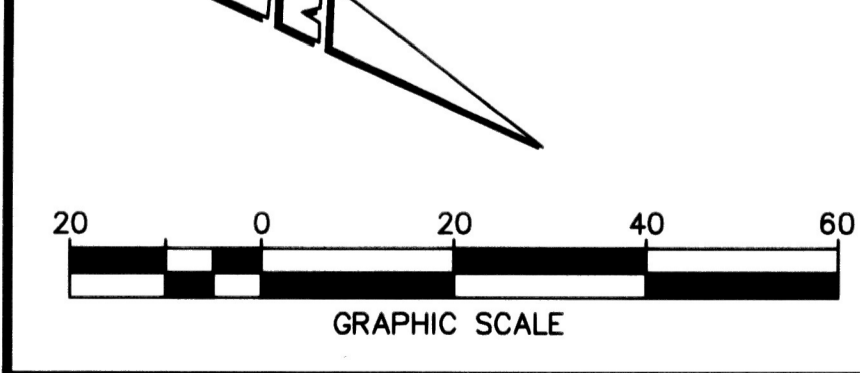
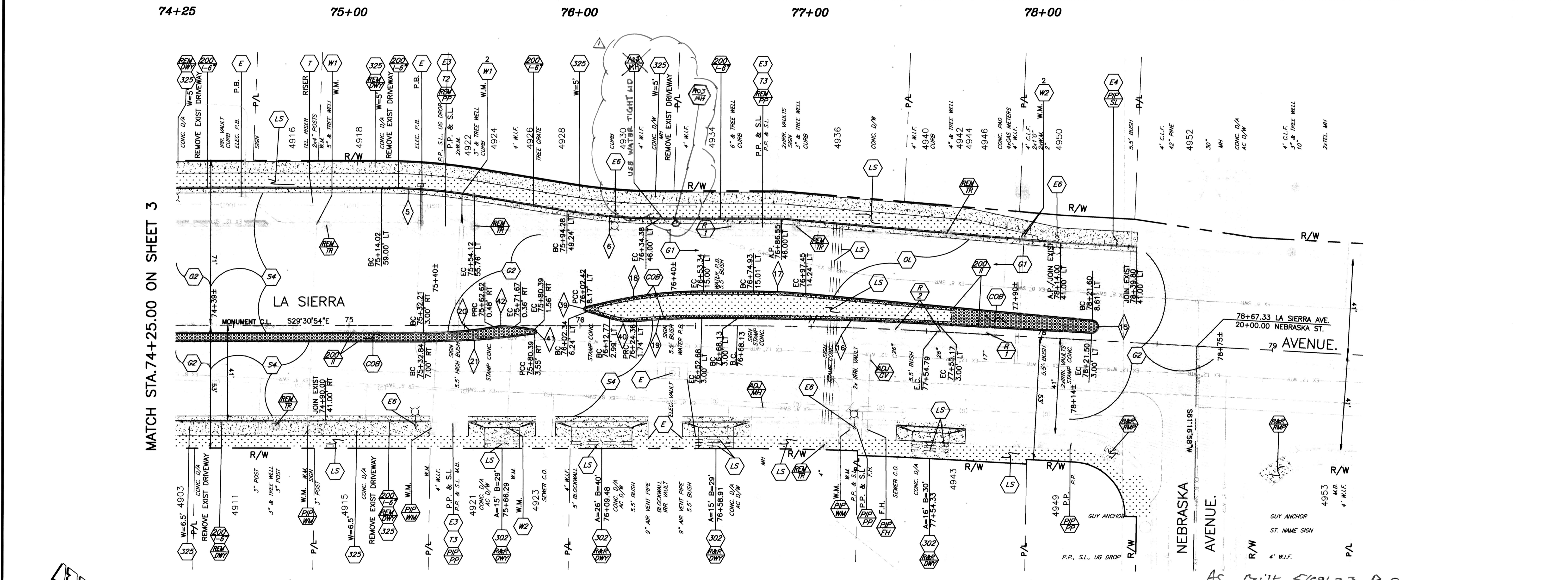
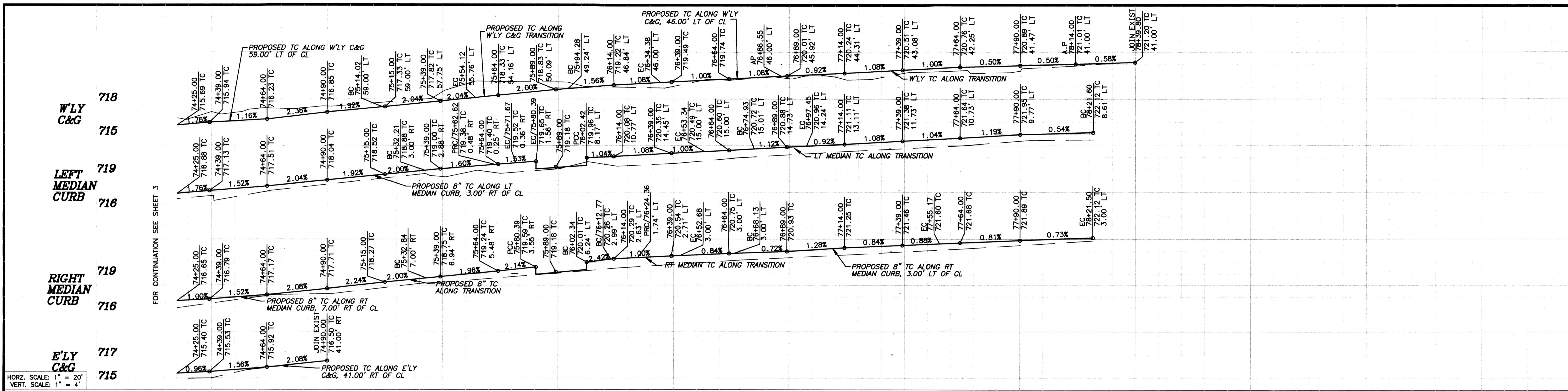
ENGINEER IN RESPONSIBLE CHARGE
 EDWARD LARA
 R.C.E. No. 63753 expires 9/30/10
 DATE July 26, 2010



DESIGNED BY	LA	DRAWN BY	LA	CHECKED BY	EL
APPROVED BY	PH	DATE	7/26/10		
PRINCIPAL ENGINEER					
CONSTRUCTION ADMIN.					
SURVEYOR					
STREET SERVICES					
TRAFFIC ENGINEER					

As Built 5/6/12 B.O
 CITY OF RIVERSIDE, CALIFORNIA
 PUBLIC WORKS DEPARTMENT

BUSHNELL AVE IMPROVEMENTS
 SEE SHEET 8
STREET IMPROVEMENTS AT FIVE-POINT
LA SIERRA AVENUE
 HORIZ. SCALE: 1"=20' VERT. SCALE: 1"=4'
 R-4019
 SHEET 3 OF 10
 FILE NO.



BENCHMARK T2-N3
 P.K. NAIL AND CITY ENGINEER TAG IN THE NORTHERLY CURB OF PIERCE STREET MIDWAY BETWEEN ROSE AVENUE AND HOLLYHOCK LANE.
 ELEVATION: 723.297

ENGINEER IN RESPONSIBLE CHARGE
 Edward Lara
 R.C.E. No. 63753 expires 9/30/10
 DATE July 26, 2010

APPROVED BY: [Signature]
 BY: [Signature]
 DATE: 7/28/10

CITY OF RIVERSIDE, CALIFORNIA
 PUBLIC WORKS DEPARTMENT

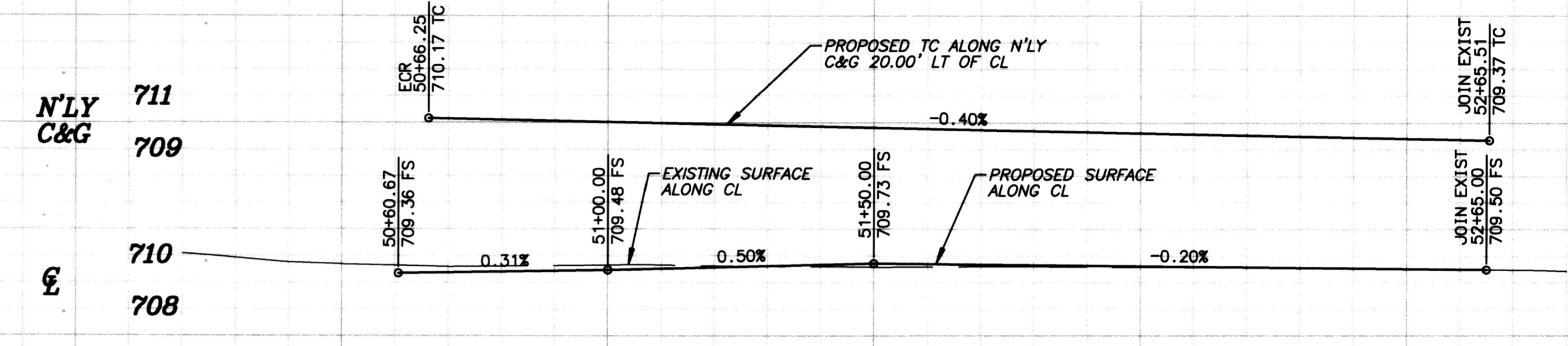
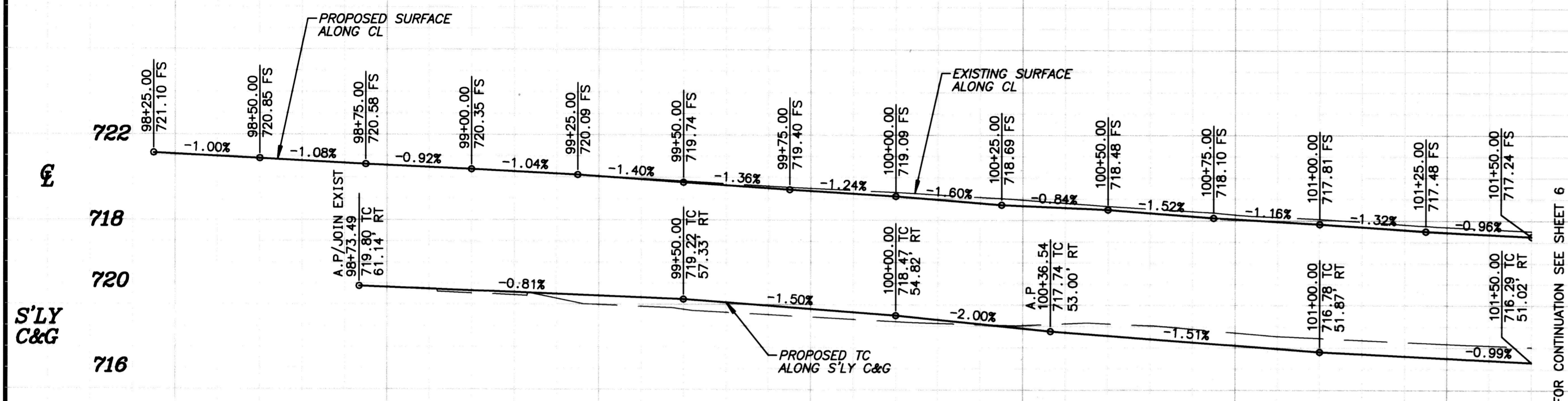
MARK	REVISIONS	APPR.	DATE
1	Move man hole	EL	7-21-10
2		EL	7-23-10
3		EL	7-28-10

DESIGNED BY: LA DRAWN BY: LA CHECKED BY: EL

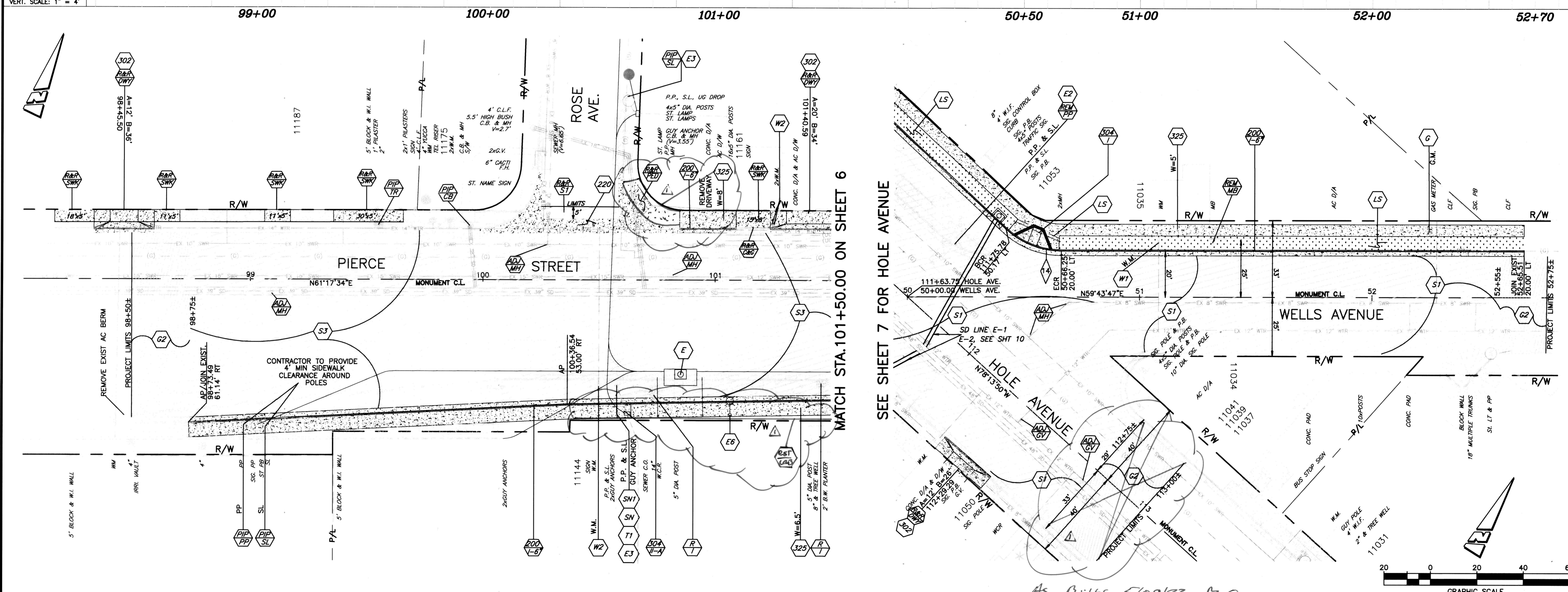
STREET IMPROVEMENTS AT FIVE-POINT
 LA SIERRA AVENUE
 HORIZ. SCALE: 1"=20' VERT. SCALE: 1"=4'

DESIGN WORK ORDER NO. 0704839
 CONSTR. WORK ORDER NO. 1101889

R-4019
 SHEET 4 OF 10
 FILE NO.

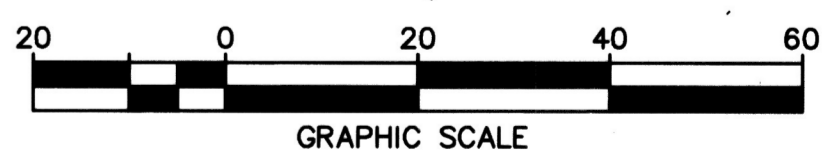
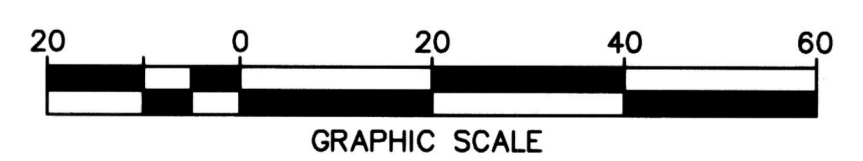


HORIZ. SCALE: 1" = 20'
VERT. SCALE: 1" = 4'



MATCH STA. 101+50.00 ON SHEET 6

SEE SHEET 7 FOR HOLE AVENUE



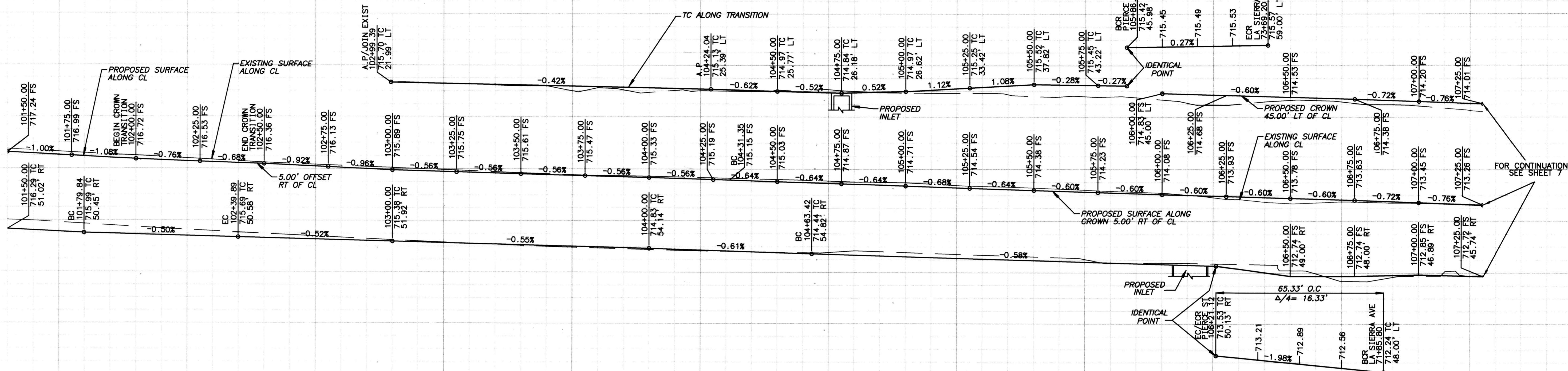
<p>BENCHMARK F2-N3</p> <p>P.K NAIL AND CITY ENGINEER TAG IN THE NORTHERLY CURB OF PIERCE STREET MIDWAY BETWEEN ROSE AVENUE AND HOLLYHOCK LANE.</p> <p>ELEVATION: 723.297</p>	<p>ENGINEER IN RESPONSIBLE CHARGE</p> <p><i>Edward Lara</i></p> <p>EDWARD LARA R.C.E. No. 63753 expires 9/30/10 DATE: <i>July 26, 2010</i></p>	<p style="text-align: center;">REGISTERED PROFESSIONAL ENGINEER</p> <p style="text-align: center;">EDWARD LARA</p> <p style="text-align: center;">No. 63753 Exp. 9-30-10 CIVIL STATE OF CALIFORNIA</p>	<p>APPROVED BY: <i>[Signature]</i> DATE: <i>7/28/10</i></p> <p>PRINCIPAL ENGINEER</p> <p>CONSTRUCTION ADMIN. <i>[Signature]</i></p> <p>SURVEYOR <i>[Signature]</i></p> <p>STREET SERVICES <i>[Signature]</i></p> <p>TRAFFIC ENGINEER <i>[Signature]</i></p> <p>DATE: <i>7-28-10</i></p>	<p style="text-align: center;">CITY OF RIVERSIDE, CALIFORNIA PUBLIC WORKS DEPARTMENT</p> <p>APPROVED BY: <i>[Signature]</i></p> <p>CITY ENGINEER</p> <p>DATE: <i>7/28/10</i></p>	<p style="text-align: center;">STREET IMPROVEMENTS AT FIVE-POINT PIERCE STREET WELLS AVENUE</p> <p>HORIZ. SCALE: 1"=20' VERT. SCALE: 1"=4'</p>	<p>DESIGN WORK ORDER NO. 0704839 CONSTR. WORK ORDER NO. 1101889</p> <p style="font-size: 24pt; font-weight: bold; text-align: center;">R-4019</p> <p style="text-align: center;">SHEET 5 OF 10</p> <p>FILE NO.</p>
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N'LY
C&G

E

S'LY
C&G

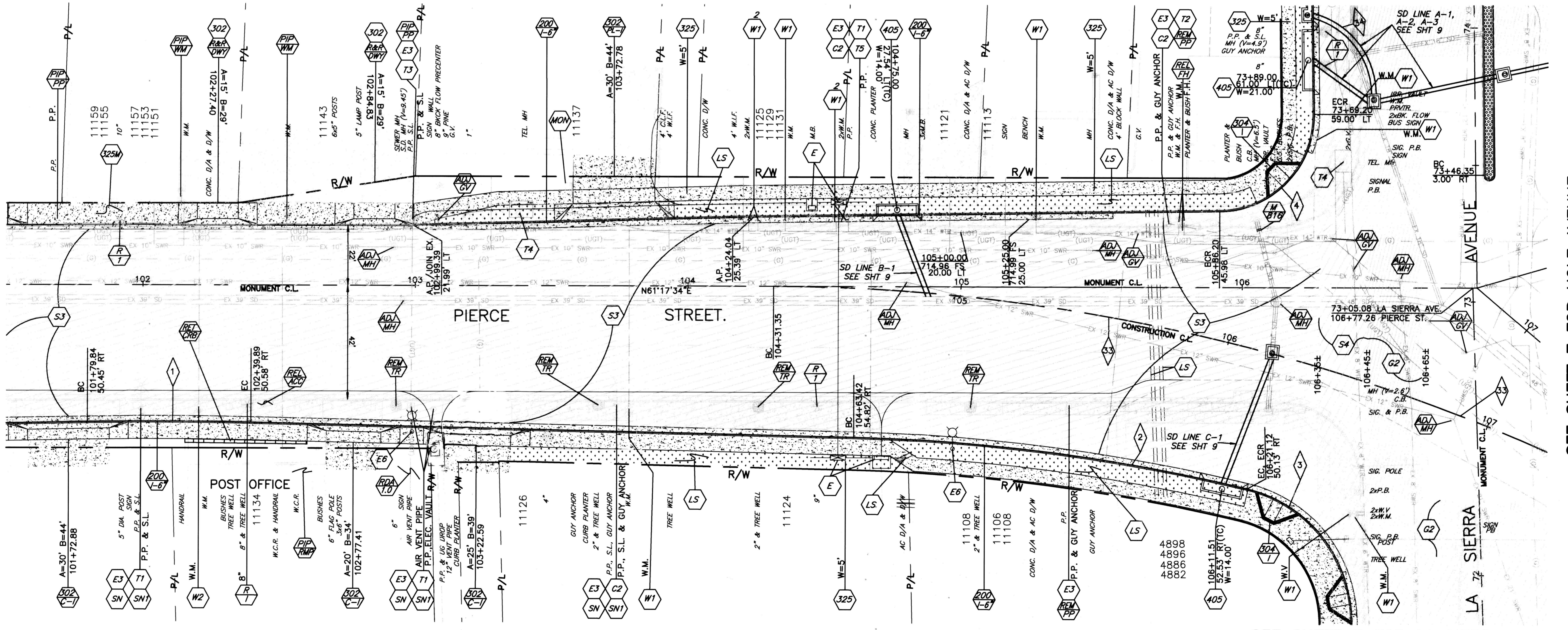
716
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712



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

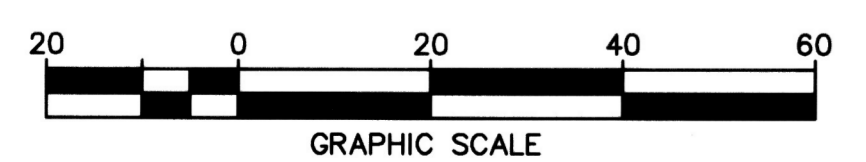
101+50 102+00 103+00 104+00 105+00 106+00 107+00
SEE SHEET 4 FOR LA SIERRA AVENUE

MATCH STA. 101+50.00 ON SHEET 5



SEE SHEET 7 FOR HOLE AVENUE

SEE SHEET 3 FOR LA SIERRA AVENUE



BENCHMARK F2-N3
P.K NAIL AND CITY ENGINEER TAG IN THE NORTHERLY CURB OF PIERCE STREET MIDWAY BETWEEN ROSE AVENUE AND HOLLYHOCK LANE.
ELEVATION: 723.297

ENGINEER IN RESPONSIBLE CHARGE
Edward Lara
EDWARD LARA
R.C.E. No. 63753 expires 9/30/10
DATE July 26, 2010



APPROVED BY	BY	DATE
PRINCIPAL ENGINEER	EL	7/28/10
CONSTRUCTION ADMIN.		
SURVEYOR	B	7/29/10
STREET SERVICES	SPB	7-29-10
TRAFFIC ENGINEER	A.H.	8-23-10
	Landscaper	7-29-10

As 30.14 5109/123 B.O
CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

STREET IMPROVEMENTS
AT FIVE-POINT
PIERCE STREET

DESIGN WORK ORDER NO. 070439
CONSTR. WORK ORDER NO. 1101889
R-4019
SHEET 6 OF 10
FILE NO.

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

N'LY C&G
715
713
E
714
712
S'LY C&G
712
709

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

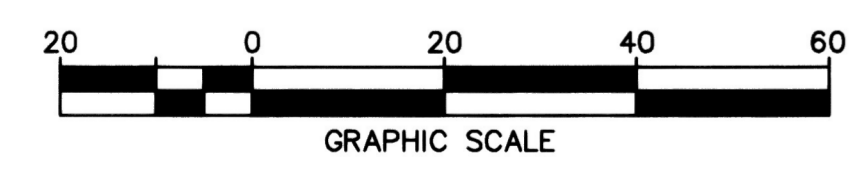
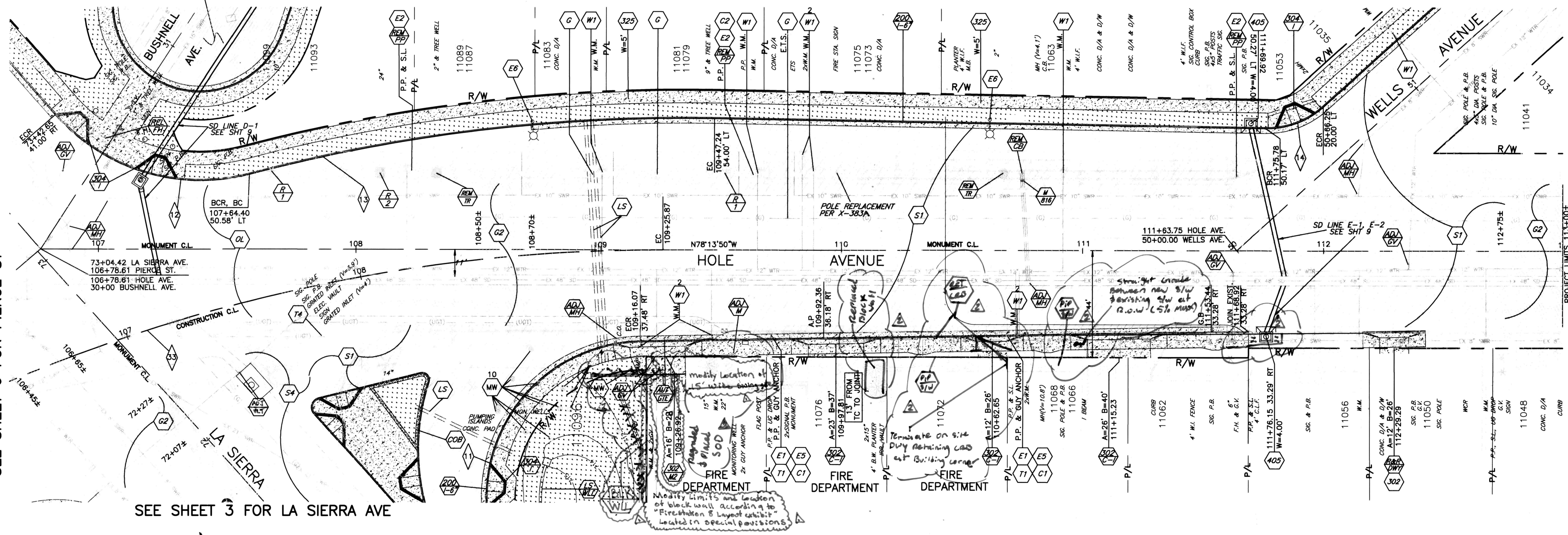
107+50 108+00 109+00 110+00 111+00 112+00 112+50

BUSHNELL AVE IMPROVEMENTS
SEE SHEET 8

SEE SHEET 5 FOR WELLS AVE

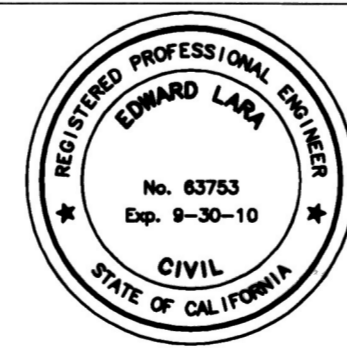
SEE SHEET 4 FOR LA SIERRA AVE
SEE SHEET 6 FOR PIERCE ST

SEE SHEET 3 FOR LA SIERRA AVE



BENCHMARK F2-N3
P.K NAIL AND CITY ENGINEER TAG IN THE
NORTHERLY CURB OF PIERCE STREET
MIDWAY BETWEEN ROSE AVENUE AND
HOLLYHOCK LANE.
ELEVATION: 723.297

ENGINEER IN RESPONSIBLE CHARGE
Edward Lara
EDWARD LARA
R.C.E. No. 63753 expires 9/30/10
DATE July 26, 2010



APPROVED BY	BY	DATE
PRINCIPAL ENGINEER	PL	7/28/10
CONSTRUCTION ADMIN.		
SURVEYOR	CS	7/28/10
STREET SERVICES	99	7/27/10
TRAFFIC ENGINEER	PL	7/27/10
DESIGNED BY	LA	
DRAWN BY	LA	
CHECKED BY	PL	

AS BUILT 5/09/123 13.0
CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT
APPROVED BY
[Signature]
CITY ENGINEER
DATE 7/28/10

STREET IMPROVEMENTS
AT FIVE-POINT
HOLE AVENUE
HORIZ. SCALE: VERT. SCALE:

DESIGN WORK ORDER NO. 0704839
CONSTR. WORK ORDER NO. 1101889
R-4019
SHEET 7 OF 10
FILE NO.

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

N'LY
C&G

E

S'LY
C&G

715

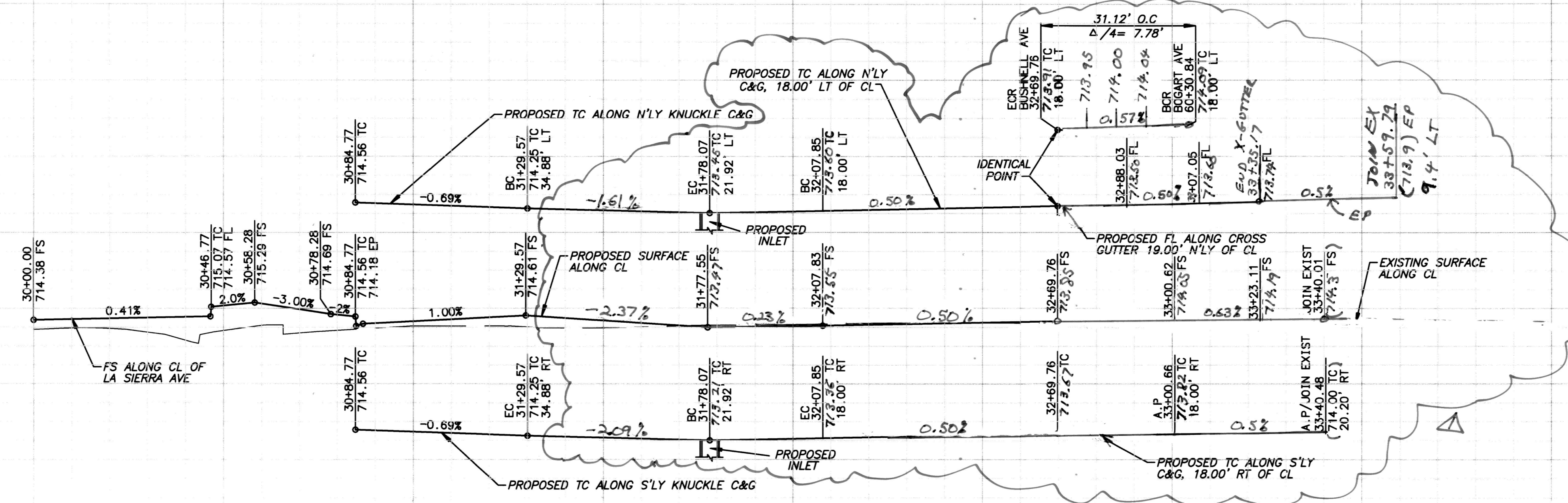
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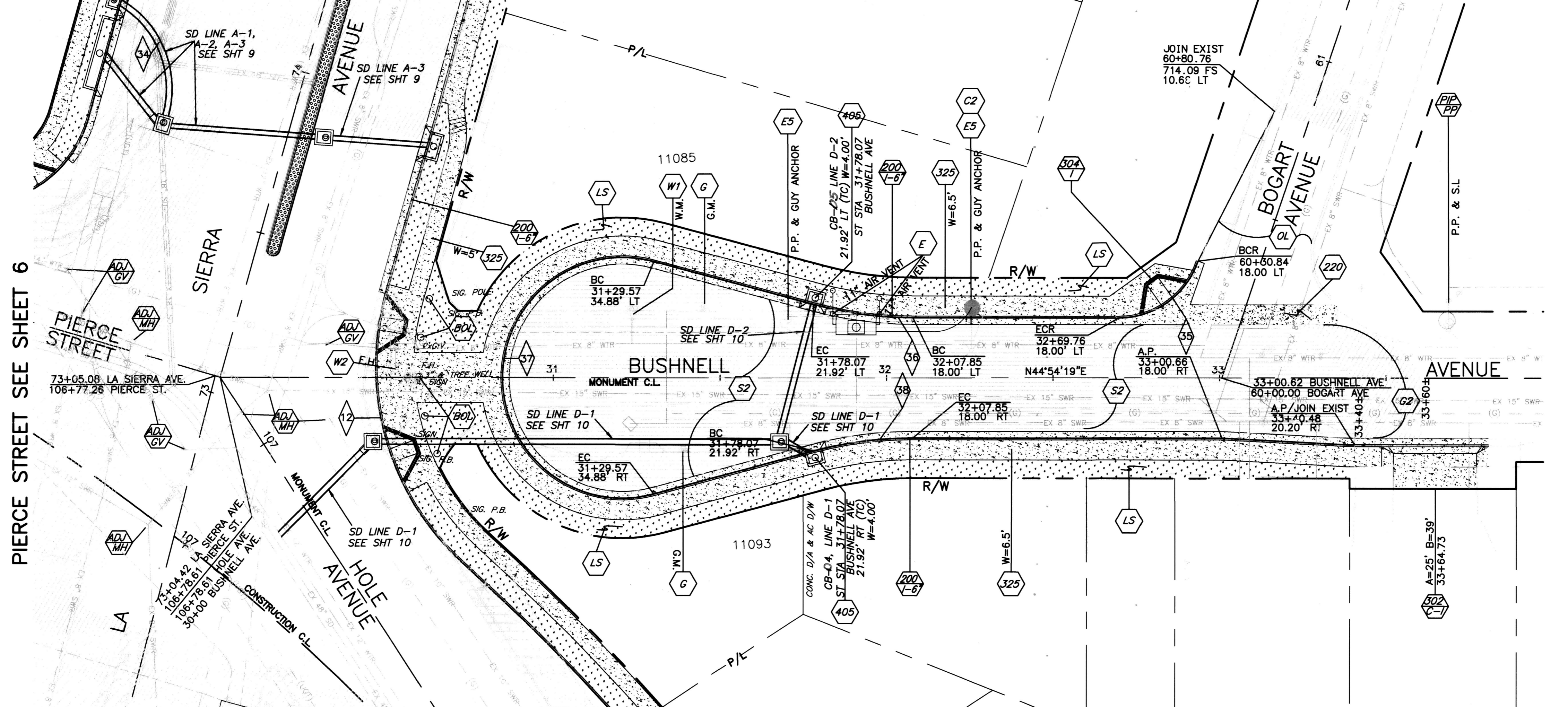
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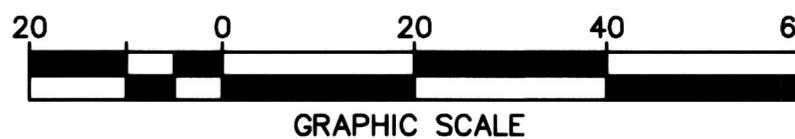
30+00 31+00 32+00 33+00 34+00

LA SIERRA AVENUE SEE SHEET 4



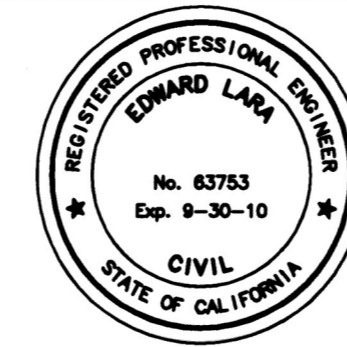
LA SIERRA AVENUE SEE SHEET 3

HOLE AVENUE SEE SHEET 7



BENCHMARK T2-N3
P.K. NAIL AND CITY ENGINEER TAG IN THE NORTHERLY CURB OF PIERCE STREET MIDWAY BETWEEN ROSE AVENUE AND HOLLYHOCK LANE.
ELEVATION: 723.297

ENGINEER IN RESPONSIBLE CHARGE
Edward Lara
EDWARD LARA
R.C.E. No. 63753 expires 9/30/10
DATE: July 26, 2010



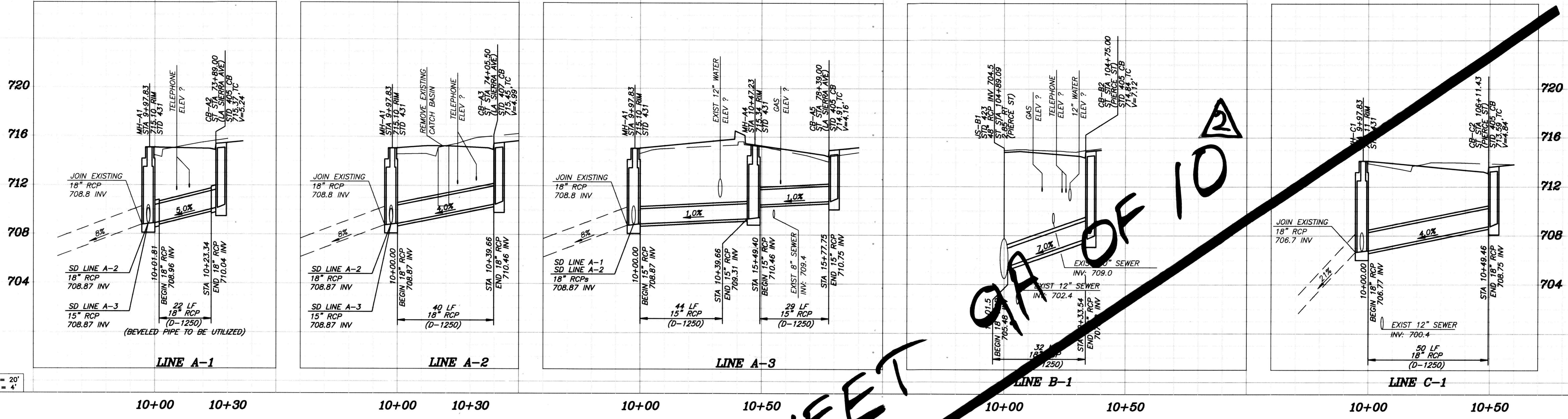
DESIGNED BY	LA	DRAWN BY	LA	CHECKED BY	EL
MARK	REVISIONS	APPR.	DATE	DATE	

APPROVED BY	BY	DATE
PRINCIPAL ENGINEER	PK 7/23/10	
CONSTRUCTION ADMIN.		
SURVEYOR	CD 7/16/10	
STREET SERVICES	ZAP 7-22-10	
TRAFFIC ENGINEER	RLH 7-23-10	
Landscaper	SS 7-20-10	

As B.O.I.T 5109123 13.0
**CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT**
APPROVED BY: *[Signature]*
CITY ENGINEER
DATE: 7/25/10

**STREET IMPROVEMENTS
AT FIVE-POINT
BUSHNELL AVENUE**
HORIZ. SCALE: 1"=20'
VERT. SCALE: 1"=4'

DESIGN WORK ORDER NO. 0704839
CONSTR. WORK ORDER NO. 1101889
R-4019
SHEET 8 OF 10
FILE NO.



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

10+00 10+30 10+00 10+30 10+00 10+50 10+00 10+50 10+00 10+50



NOTE: ALL UTILITIES SHALL BE LOCATED PRIOR TO CONSTRUCTION OF ANY STORM DRAIN FACILITIES. POTHOLED ELEVATIONS SHALL BE PROVIDED TO THE ENGINEER AND THE ENGINEER MAY PROVIDE A MODIFIED PLAN, IF NECESSARY.

Note: Minimum of 1' clearance shall be provided between any existing waterline and proposed storm drain line.



BENCHMARK F2-N3
P.K. NAIL AND CITY ENGINEER TAG IN THE NORTHERLY CURB OF PIERCE STREET MIDWAY BETWEEN ROSE AVENUE AND HOLLYHOCK LANE.
ELEVATION: 723.297

ENGINEER IN RESPONSIBLE CHARGE
Edward Lara
EDWARD LARA
R.C.E. No. 83753 expires 9/30/10
DATE July 26, 2010



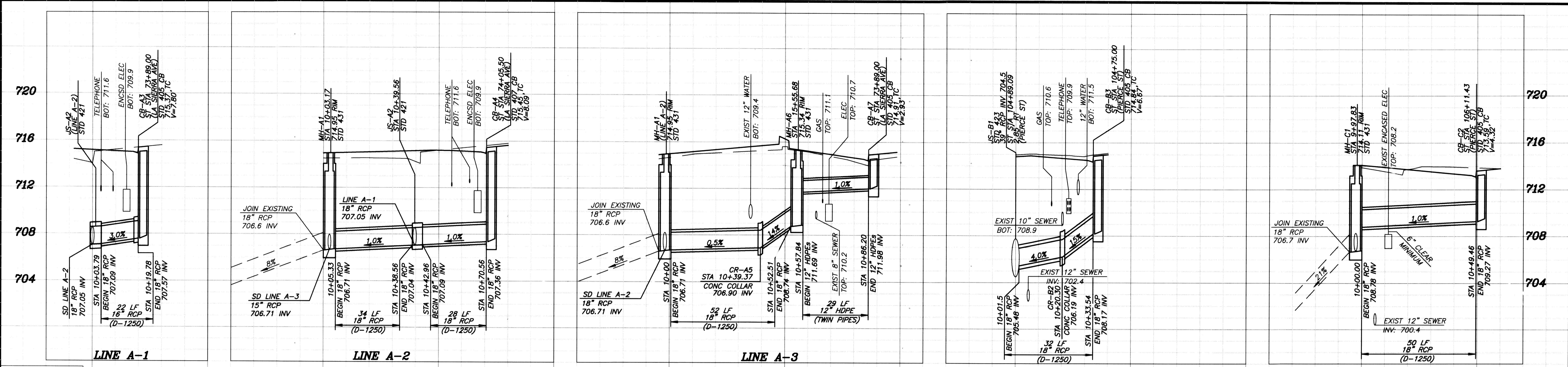
APPROVED BY	BY	DATE
PRINCIPAL ENGINEER	EL	7/28/10
CONSTRUCTION ADMIN.		
SURVEYOR	CS	7/28/10
STREET SERVICES	JP	7/21/10
TRAFFIC ENGINEER	EL	7-23-10
Landscapes	DS	7-28-10

DESIGNED BY LA DRAWN BY LA CHECKED BY EL

As Built 5/09/23 130
CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT
APPROVED BY
[Signature]
CITY ENGINEER
DATE 7/25/10

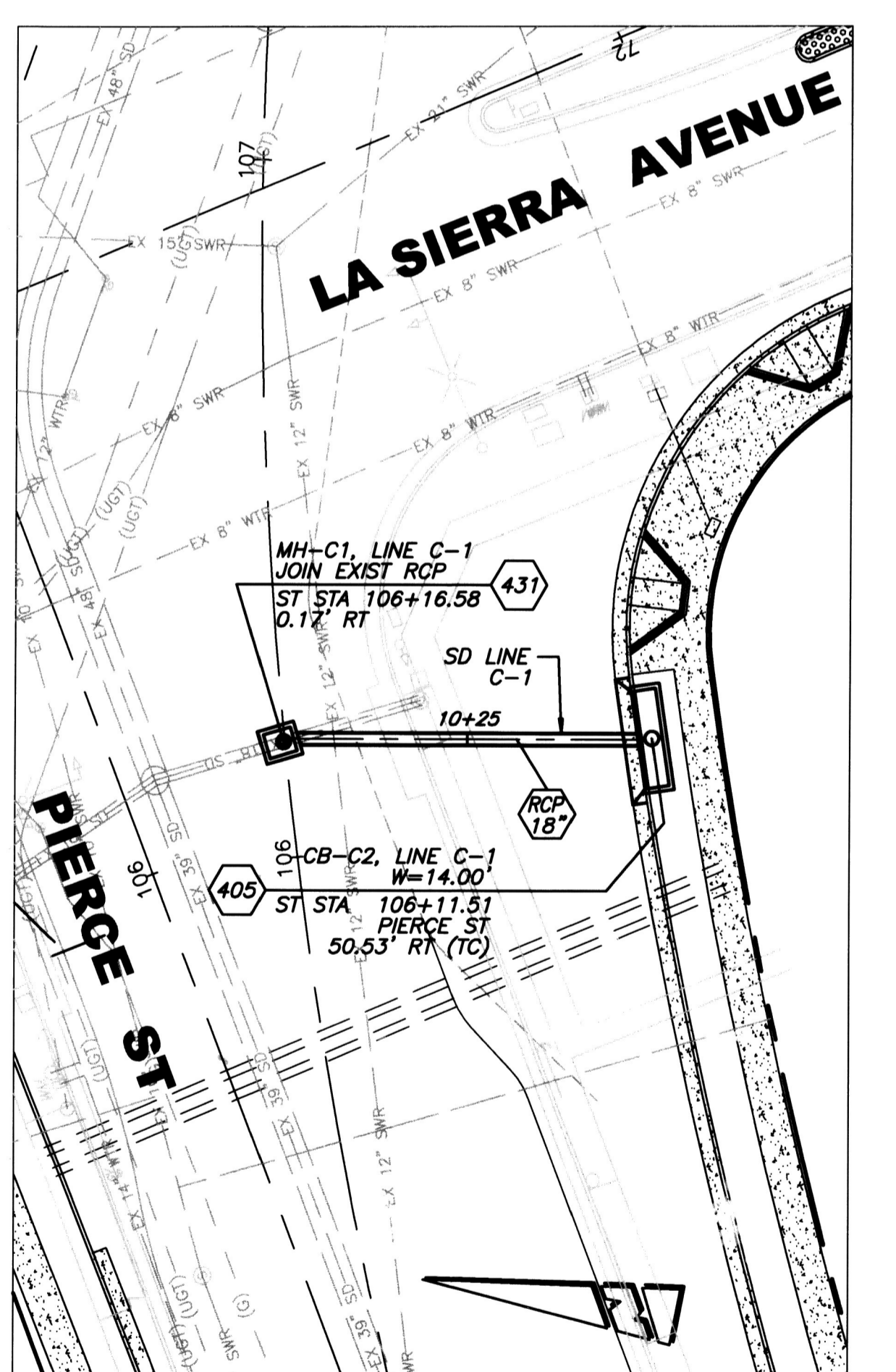
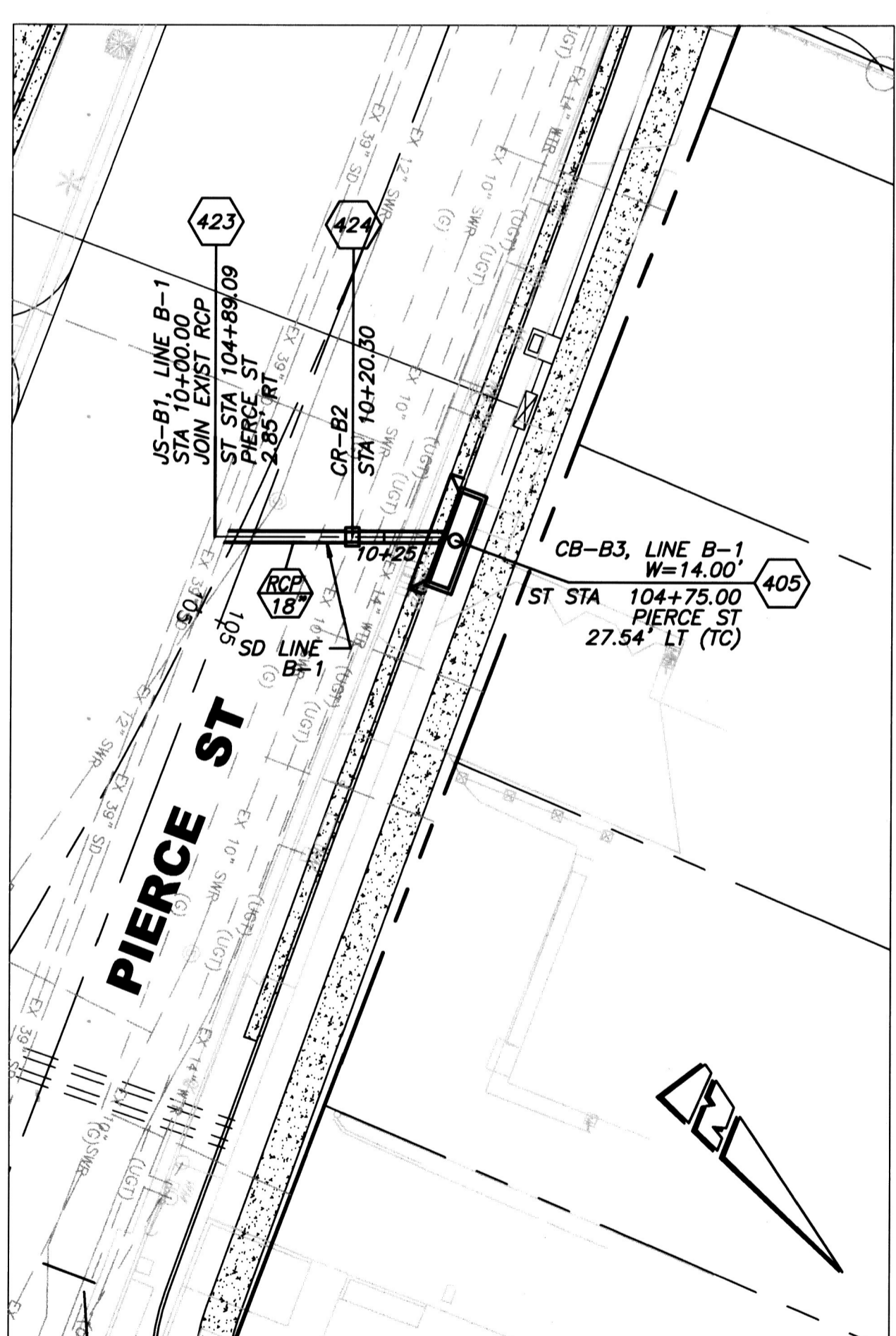
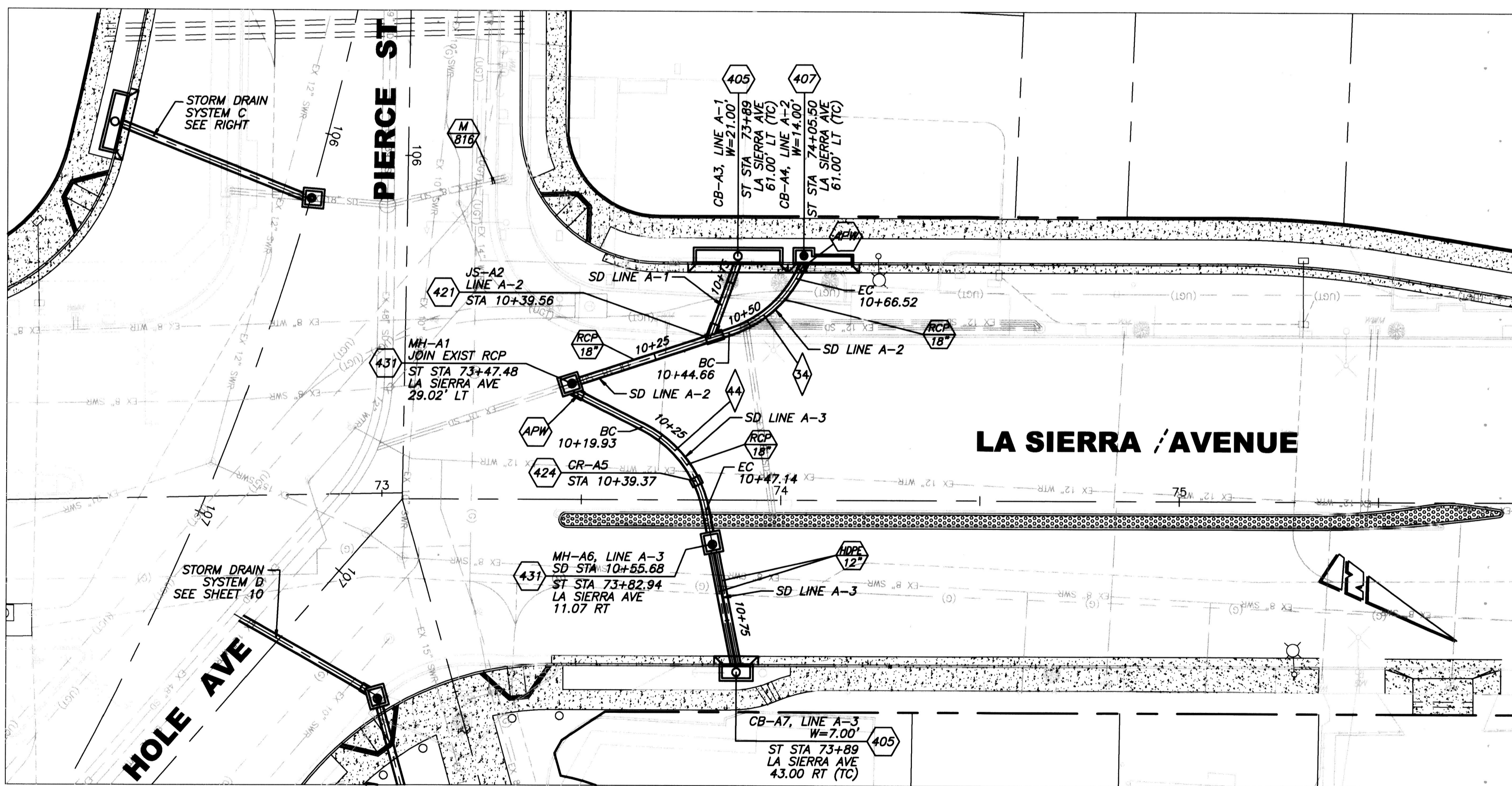
STREET IMPROVEMENTS AT FIVE-POINT
STORM DRAIN SYSTEM A
STORM DRAIN SYSTEM B
STORM DRAIN SYSTEM C

DESIGN WORK ORDER NO. 0704839
CONSTR. WORK ORDER NO. 1101889
R-4019
SHEET 9 OF 10
FILE NO.



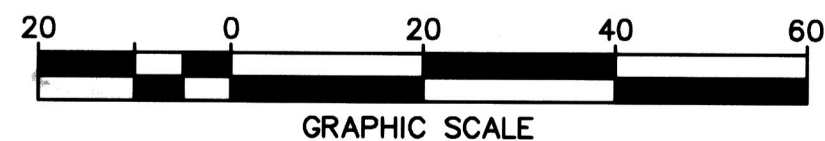
HORZ. SCALE: 1" = 20'
 VERT. SCALE: 1" = 4'

10+00 10+30 10+00 10+30 10+00 10+50 10+00 10+50 10+00 10+50



NOTE: ALL UTILITIES SHALL BE LOCATED PRIOR TO CONSTRUCTION OF ANY STORM FACILITIES. POTHOLED ELEVATIONS SHALL BE PROVIDED TO THE ENGINEER AND THE ENGINEER MAY PROVIDE A MODIFIED PLAN, IF NECESSARY.

NOTE: MINIMUM OF 1' CLEARANCE SHALL BE PROVIDED BETWEEN ANY EXISTING WATER LINE AND PROPOSED STORM DRAIN LINE



BENCHMARK F2-N3
 P.K NAIL AND CITY ENGINEER TAG IN THE NORTHERLY CURB OF PIERCE STREET MIDWAY BETWEEN ROSE AVENUE AND HOLLYHOCK LANE.
 ELEVATION: 723.297

ENGINEER IN RESPONSIBLE CHARGE
 EDWARD LARA
 R.C.E. No. 63753 expires 9/30/12
 DATE NOVEMBER 10, 2010



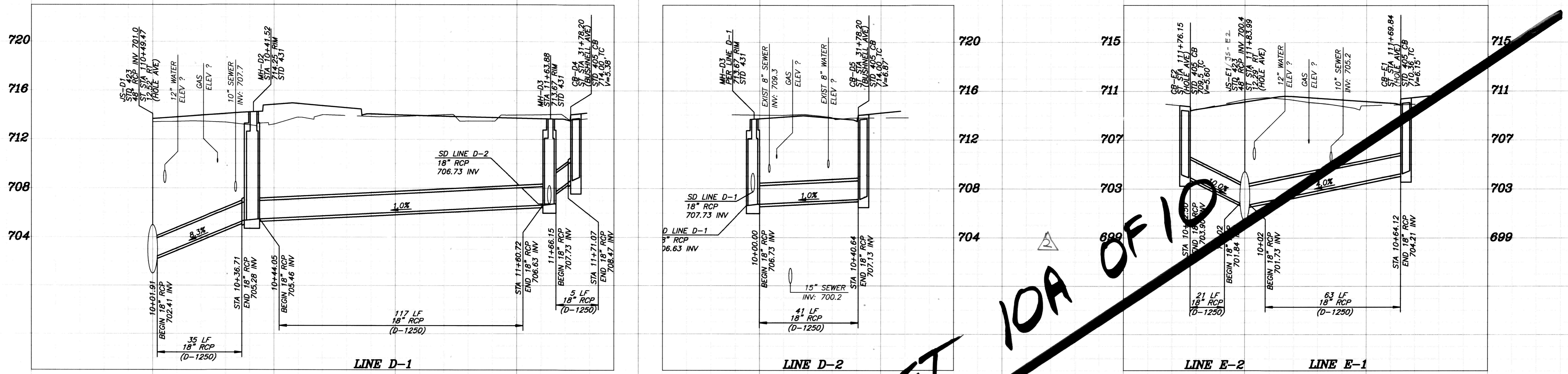
APPROVED BY	BY	DATE
PRINCIPAL ENGINEER		
CONSTRUCTION ADMIN.		
SURVEYOR		
STREET SERVICES		
TRAFFIC ENGINEER		

DESIGNED BY: LA DRAWN BY: LA CHECKED BY: EL

As Bu. 12 5/09/23 13.0
 CITY OF RIVERSIDE, CALIFORNIA
 PUBLIC WORKS DEPARTMENT

STREET IMPROVEMENTS AT FIVE-POINT
 STORM DRAIN SYSTEM A
 STORM DRAIN SYSTEM B
 STORM DRAIN SYSTEM C

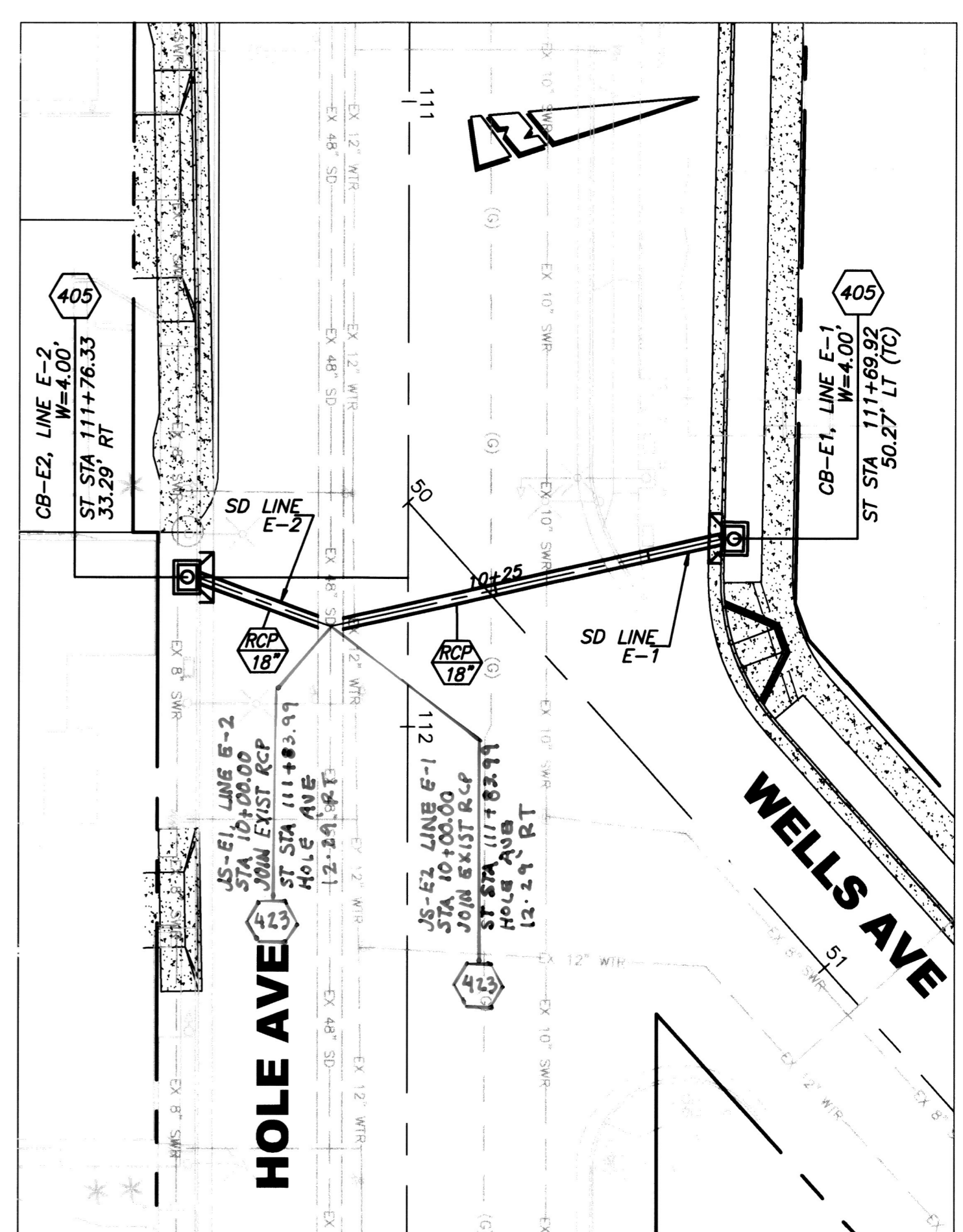
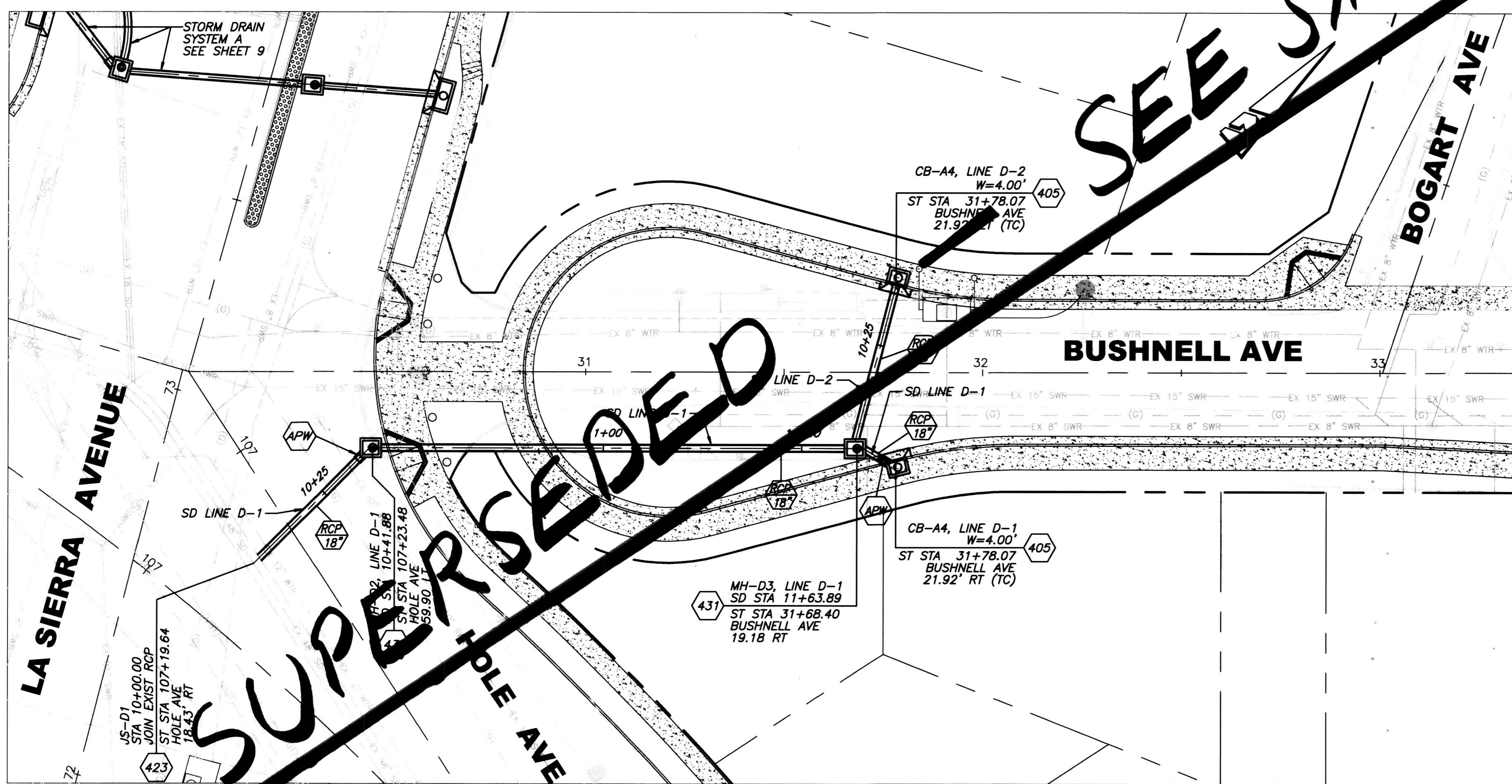
DESIGN WORK ORDER NO. 0704839
 CONSTR. WORK ORDER NO. 1101089
R-4019A
 SHEET 9A OF 10
 FILE NO.



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

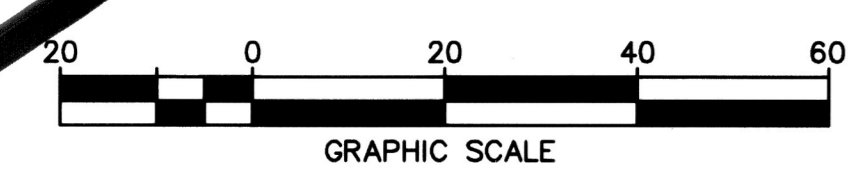
10+00 10+50 11+00 11+50 10+00 10+50 10+00 10+50

SEE SHEET 10A OF 10

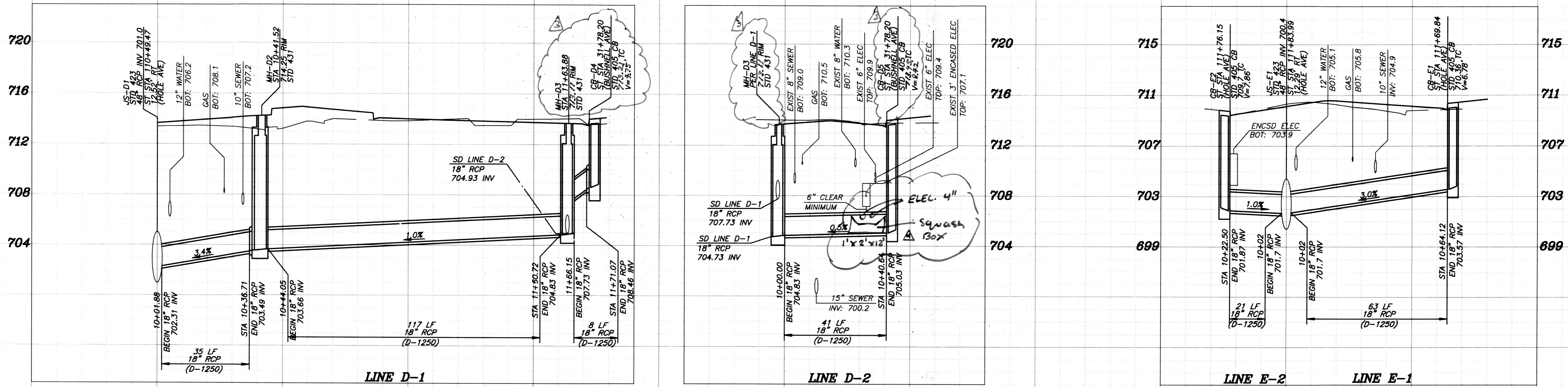


NOTE: ALL UTILITIES SHALL BE LOCATED PRIOR TO CONSTRUCTION OF ANY STORM FACILITIES. POTHOLED ELEVATIONS SHALL BE PROVIDED TO THE ENGINEER AND THE ENGINEER MAY PROVIDE A MODIFIED PLAN IF NECESSARY.

Note: Minimum of 1' clearance shall be provided between any existing waterline and proposed storm drain line

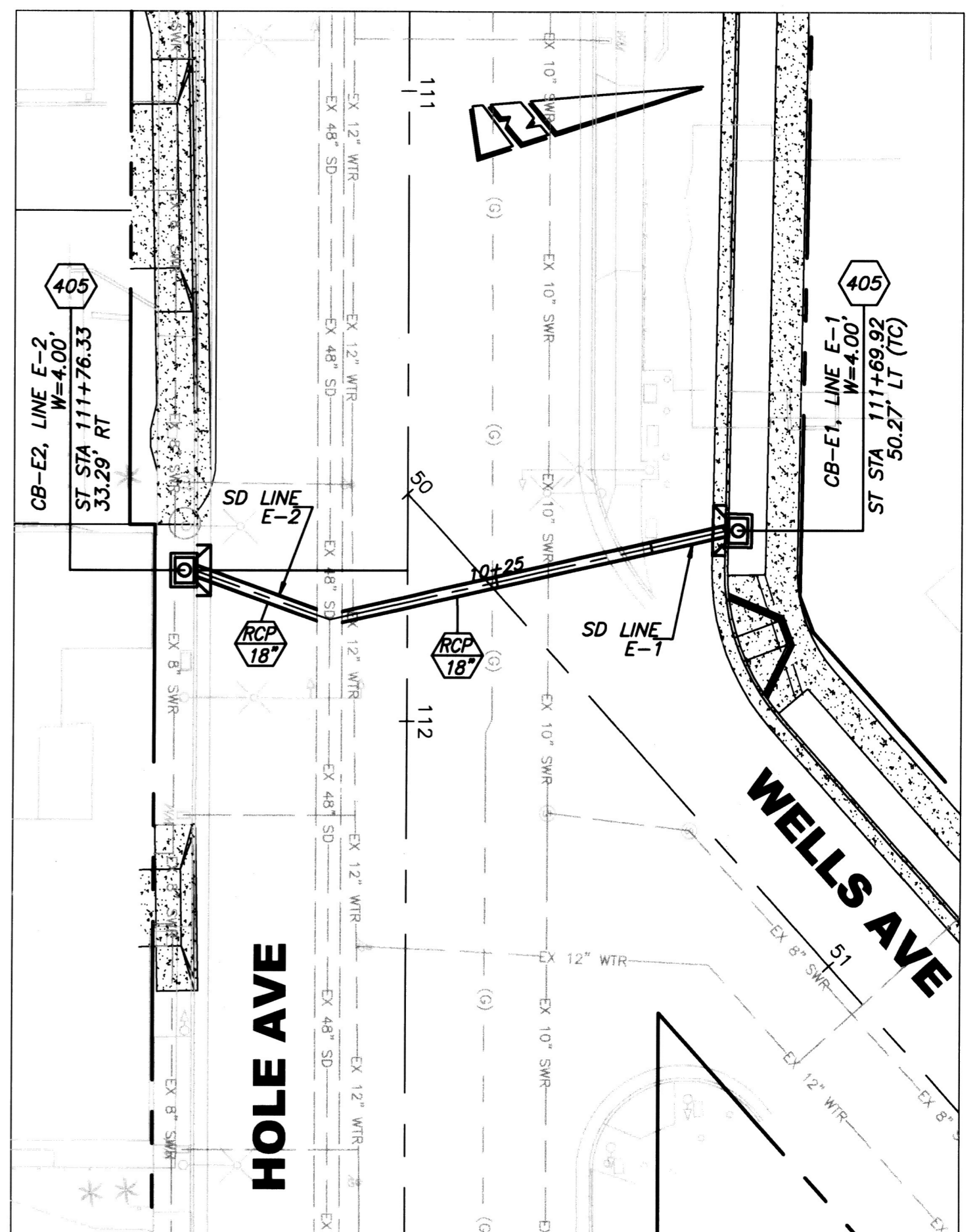
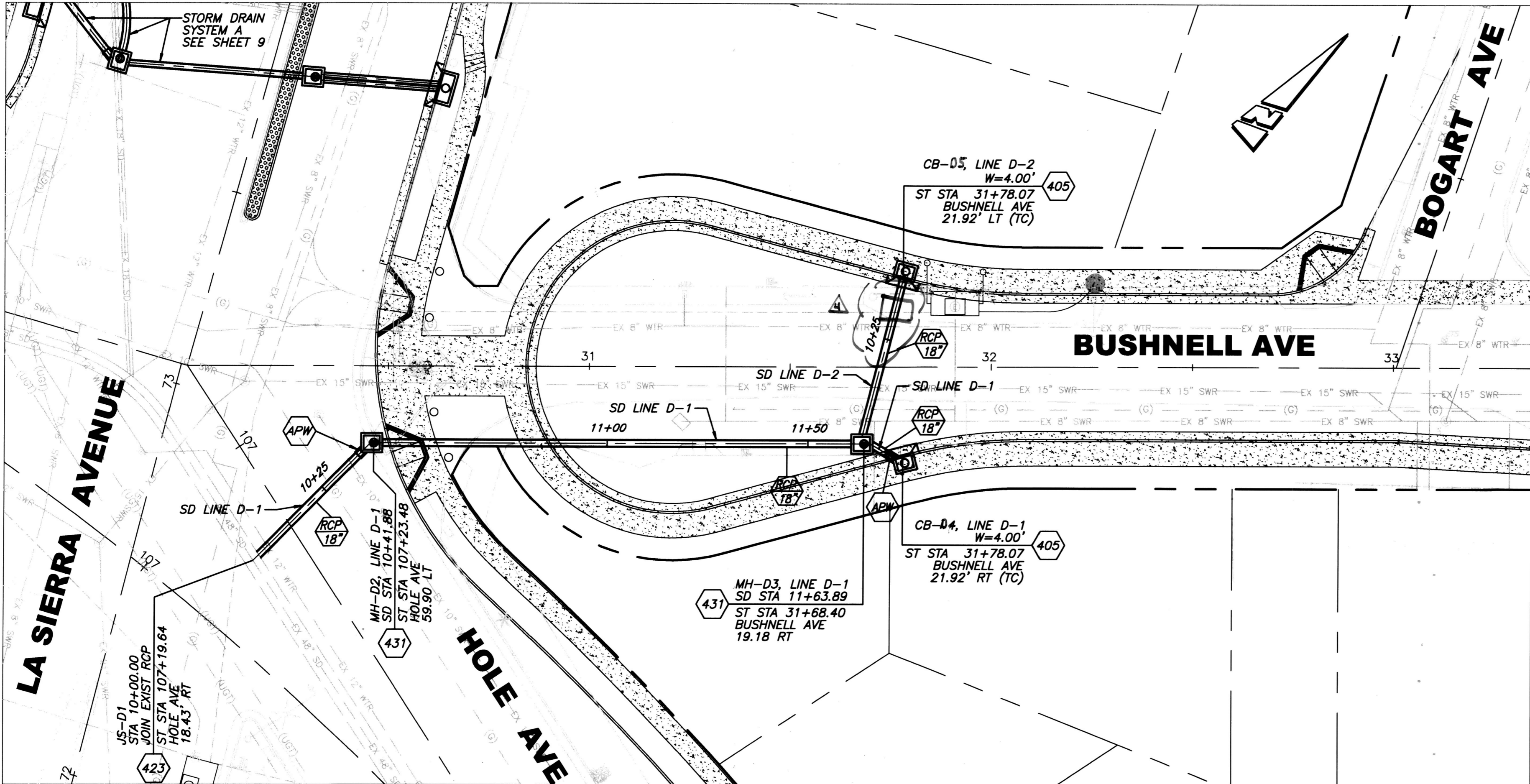


<p>BENCHMARK F2-N3</p> <p>P.K NAIL AND CITY ENGINEER TAG IN THE NORTHERLY CURB OF PIERCE STREET MIDWAY BETWEEN ROSE AVENUE AND HOLLYHOCK LANE.</p> <p>ELEVATION: 723.297</p>	<p>ENGINEER IN RESPONSIBLE CHARGE</p> <p><i>Edward Lara</i></p> <p>EDWARD LARA R.C.E. No. 63753 expires 9/30/10 DATE July 26, 2010</p>	<p>APPROVED BY: <i>PL</i> DATE: 7/24/10</p> <p>CONSTRUCTION ADMN.</p> <p>SURVEYOR: <i>CS</i> DATE: 7/21/10</p> <p>STREET SERVICES: <i>PL</i> DATE: 7-21-10</p> <p>TRAFFIC ENGINEER: <i>PL</i> DATE: 7-23-10</p> <p>LANDSCAPE: <i>PL</i> DATE: 7-28-10</p>	<p>CITY OF RIVERSIDE, CALIFORNIA PUBLIC WORKS DEPARTMENT</p> <p>APPROVED BY: <i>[Signature]</i></p> <p>CITY ENGINEER</p> <p>DATE: 7/24/10</p>	<p>STREET IMPROVEMENTS AT FIVE-POINT</p> <p>STORM DRAIN SYSTEM D STORM DRAIN SYSTEM E</p> <p>HORIZ. SCALE: VERT. SCALE:</p>	<p>DESIGN WORK ORDER NO. 0704839 CONSTR. WORK ORDER NO. 1101889</p> <p style="font-size: 1.5em; font-weight: bold;">R-4019</p> <p>SHEET 10 OF 10</p> <p>FILE NO.</p>
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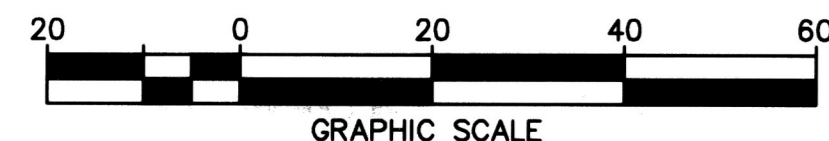
HORZ. SCALE: 1" = 20'
VERT. SCALE: 1" = 4'

10+00 10+50 11+00 11+50 10+00 10+50 10+50 10+00 10+50



NOTE: ALL UTILITIES SHALL BE LOCATED PRIOR TO CONSTRUCTION OF ANY STORM FACILITIES. POTHOLED ELEVATIONS SHALL BE PROVIDED TO THE ENGINEER AND THE ENGINEER MAY PROVIDE A MODIFIED PLAN, IF NECESSARY.

NOTE: MINIMUM OF 1' CLEARANCE SHALL BE PROVIDED BETWEEN ANY EXISTING WATER LINE AND PROPOSED STORM DRAIN LINE



BENCHMARK F2-N3
P.K NAIL AND CITY ENGINEER TAG IN THE NORTHERLY CURB OF PIERCE STREET MIDWAY BETWEEN ROSE AVENUE AND HOLLYHOCK LANE.
ELEVATION: 723.297

ENGINEER IN RESPONSIBLE CHARGE
Edward Lara
EDWARD LARA
R.C.E. No. 63753 expires 8/30/12
DATE November 9, 2010



MARK	REVISIONS	APPR.	DATE
A	ADDED Squash Rev	EL	11/10/10
B	REMOVED SURFACE & TC ELEVATION	EL	11/10/10
C	REVISED SD & CATCHED SHIRT RAISED	E.L.	11/10/10
D	ADDED NOTE PER ADDENDUM 40.2	E.L.	11/10/10

APPROVED BY	BY	DATE
PRINCIPAL ENGINEER		
CONSTRUCTION ADMIN.		
SURVEYOR		
STREET SERVICES		
TRAFFIC ENGINEER		

As Built 5/10/13
CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT
APPROVED BY
APPROVED PER ORIGINAL SHEET 10.A10
CITY ENGINEER
DATE

STREET IMPROVEMENTS AT FIVE-POINT
STORM DRAIN SYSTEM D
STORM DRAIN SYSTEM E
HORIZ. SCALE: VERT. SCALE:

DESIGN WORK ORDER NO. 0704839
CONSTR. WORK ORDER NO. 1101889
R-4019
SHEET 10A OF 10
FILE NO.