



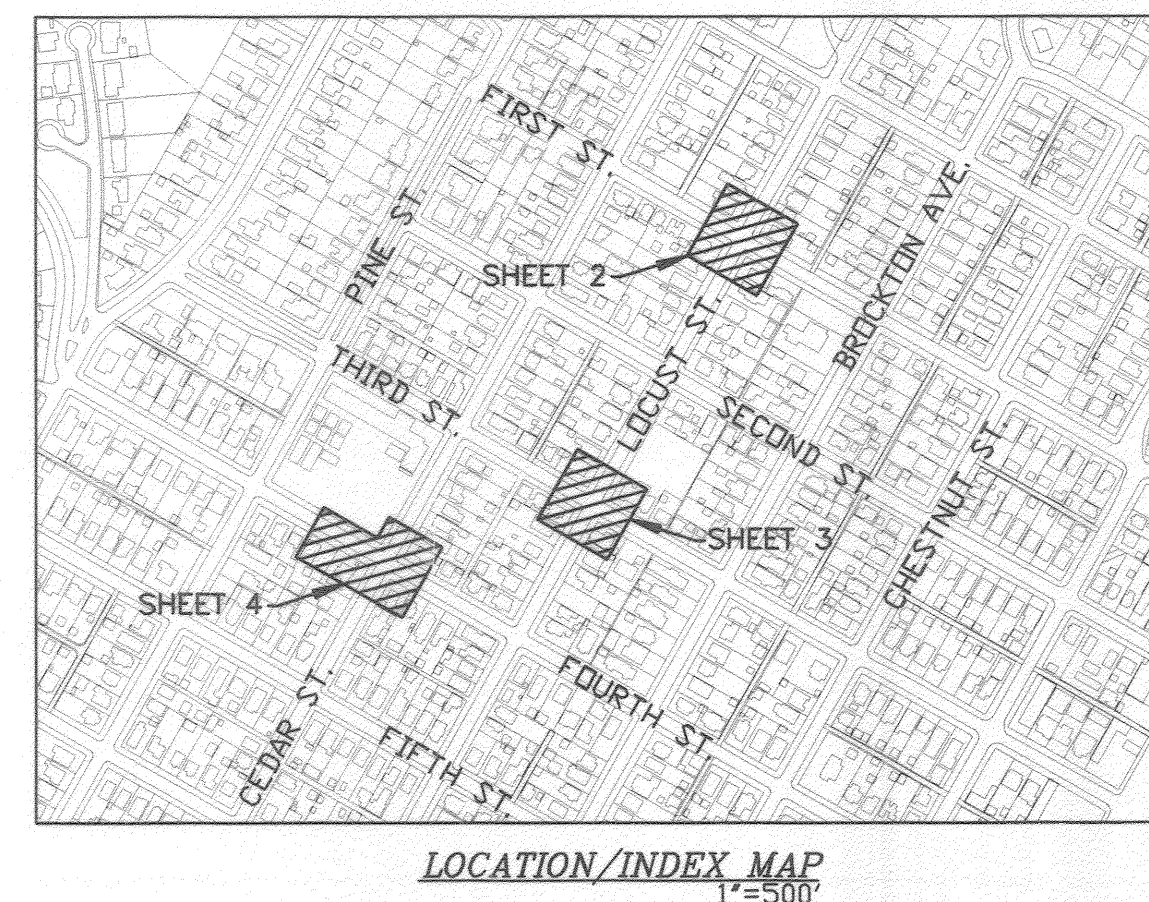
# RIVERSIDE CITY OF RIVERSIDE CALIFORNIA

## PUBLIC WORKS DEPARTMENT


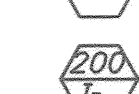
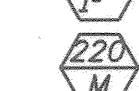
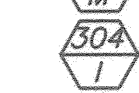

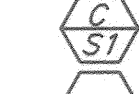
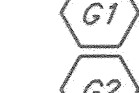
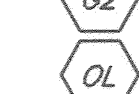







# DOWNTOWN WHEELCHAIR RAMPS

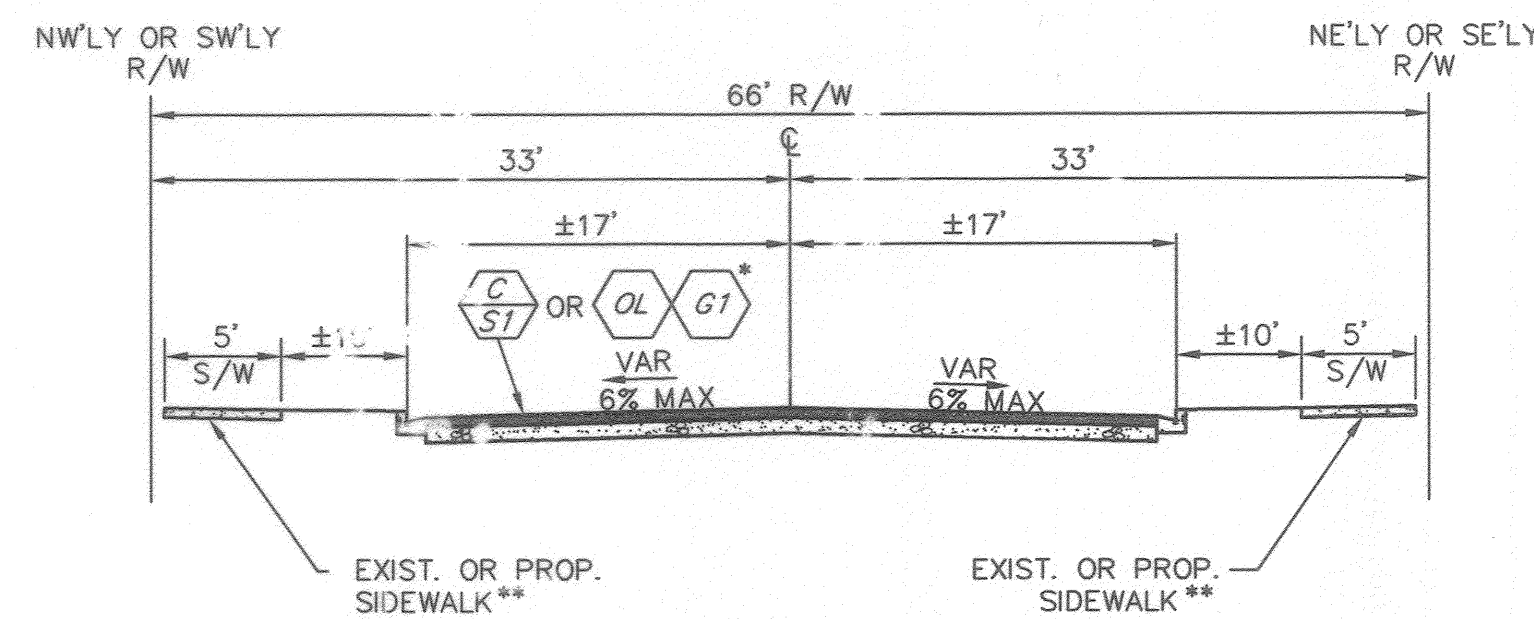
### CONSTRUCTION LEGEND:

-  VARIABLE GRIND (0.1" MINIMUM) AND 0.1" MINIMUM DGAC OVERLAY (DESCRIPTION PER PLAN).
-  CONSTRUCT PCC CONCRETE (DESCRIPTION PER PLAN)



### 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. ANY NUMBER SHOWN BELOW THE STANDARD DRAWING NUMBER INDICATES THE SPECIFIC ALTERNATE TO BE CONSTRUCTED. SEE PLAN FOR LOCATIONS.
-  CONSTRUCT 6" OR 8" CURB AND GUTTER PER CITY OF RIVERSIDE STD. DWG. NO. 200 (TYPE I). SEE PLAN FOR LOCATIONS.
-  CONSTRUCT 6' WIDE CROSS GUTTER PER CITY OF RIVERSIDE STD. DWG. NO. 220. MODIFIED TO TRANSITION AS NECESSARY FROM THE BCR/ECR TO THE CONST. EXPANSION JOINT.
-  CONSTRUCT WHEELCHAIR RAMP PER CITY OF RIVERSIDE STD. DWG. NO. 304 (TYPE I). REMOVE AND REPLACE A MINIMUM OF 10 L.F. OF SIDEWALK CONNECTING TO BACK OF RAMP.
-  CONSTRUCT WHEELCHAIR RAMP PER CITY OF RIVERSIDE STD. DWG. NO. 304 (TYPE VI). REMOVE AND REPLACE A MINIMUM OF 10 L.F. OF SIDEWALK CONNECTING TO BACK OF RAMP.
-  CONSTRUCT STRUCTURAL SECTION OF 3" DGAC OVER 6" CAB.
-  6' WIDE VARIABLE DEPTH GRIND (0.1" MINIMUM) TO OBTAIN THE FINISHED SURFACE ELEVATIONS SHOWN ON THESE PLANS. ELEVATIONS SHOWN IN GRIND LOCATIONS WILL ALSO INCLUDE A 0.1" OVERLAY.
-  12' WIDE VARIABLE DEPTH GRIND (0.1" MINIMUM) TO OBTAIN THE FINISHED SURFACE ELEVATIONS SHOWN ON THESE PLANS. ELEVATIONS SHOWN IN GRIND LOCATIONS WILL ALSO INCLUDE A 0.1" OVERLAY.
-  OVERLAY EXISTING PAVEMENT WITH VARIABLE THICKNESS DGAC (0.1" MINIMUM).
-  ADJUST WATER GATE VALVE COVER TO GRADE
-  ADJUST WATER METER BOX TO GRADE
-  ADJUST PULL BOX TO GRADE
-  PROTECT IN PLACE (DESCRIPTION PER PLAN). SGN=SIGN, TR=TREE, WM=WATER METER, LGT= STREET LIGHT, FH=FIRE HYDRANT, PP=POWER POLE, FNC=WOOD FENCE, WLL=BLOCK WALL, CLF=CHAIN LINK FENCE, BDR=BRICK LANDSCAPE BORDER
-  REMOVE EXISTING PIPE CULVERT AND REPLACE WITH CONCRETE CROSS GUTTER.
-  PROPOSED CURB AND GUTTER DIMENSIONS SHALL MATCH EXISTING CURB AND GUT. AND TRANSITION AS NECESSARY FROM THE BCR/ECR TO THE 6" CROSS GUTTER.



### ALL STREETS TYP

SCALE: NTS

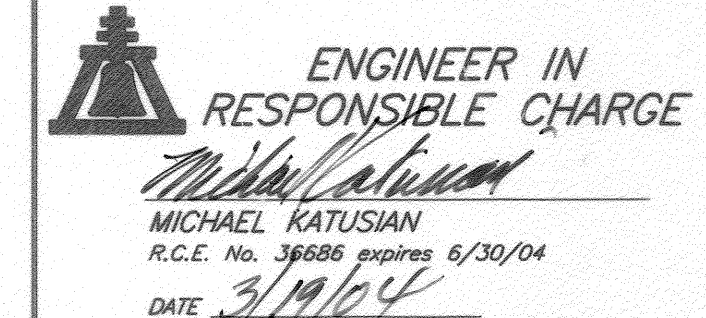

\* EXISTING PAVEMENT WILL EITHER BE REMOVED AND REPLACED OR WILL HAVE A GRIND AND OVERLAY (SEE PLANS FOR LOCATIONS AND DESCRIPTIONS)

\*\* PORTIONS OF THE SIDEWALK WILL BE REMOVED AND REPLACED (SEE PLANS FOR LOCATIONS)

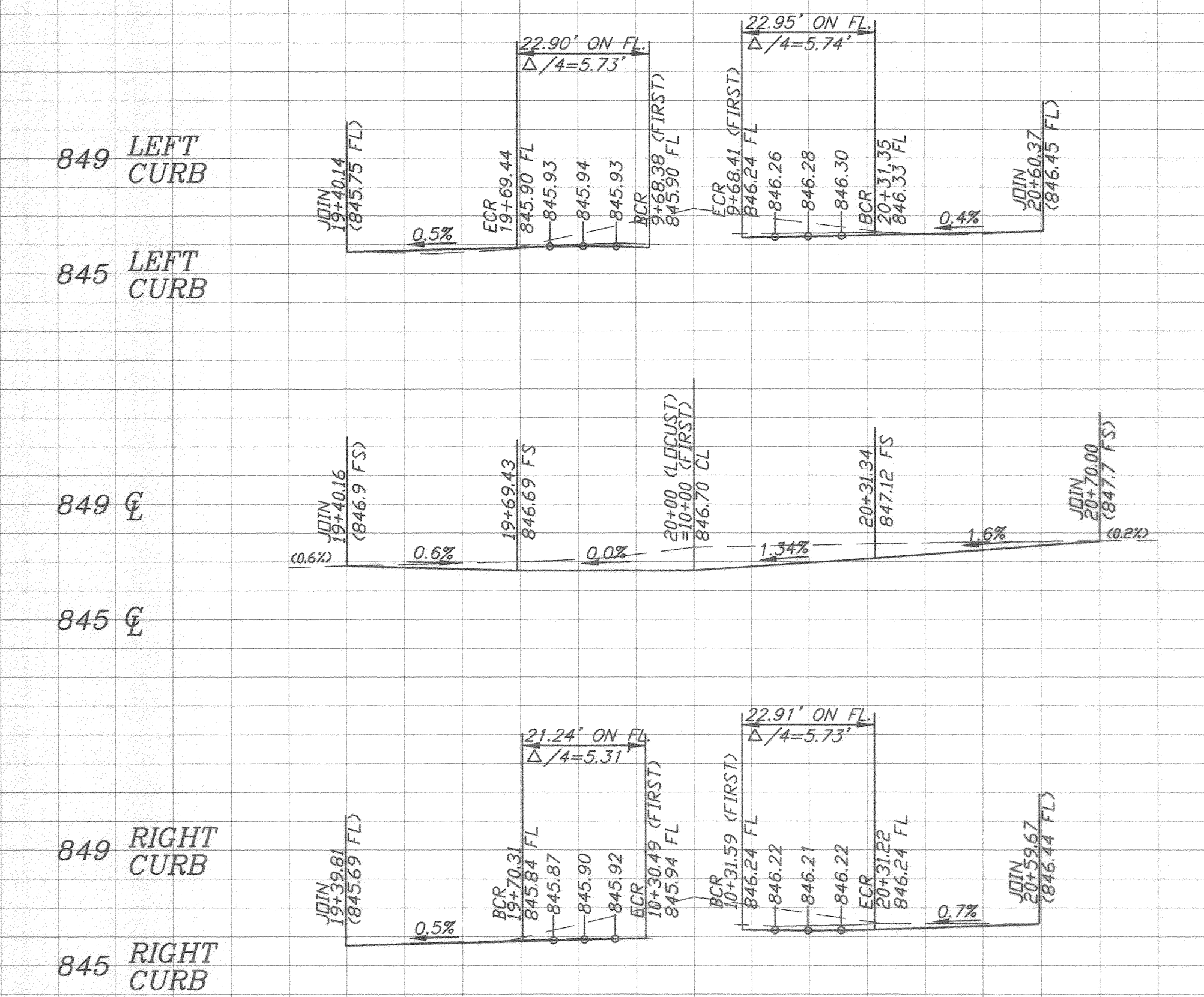
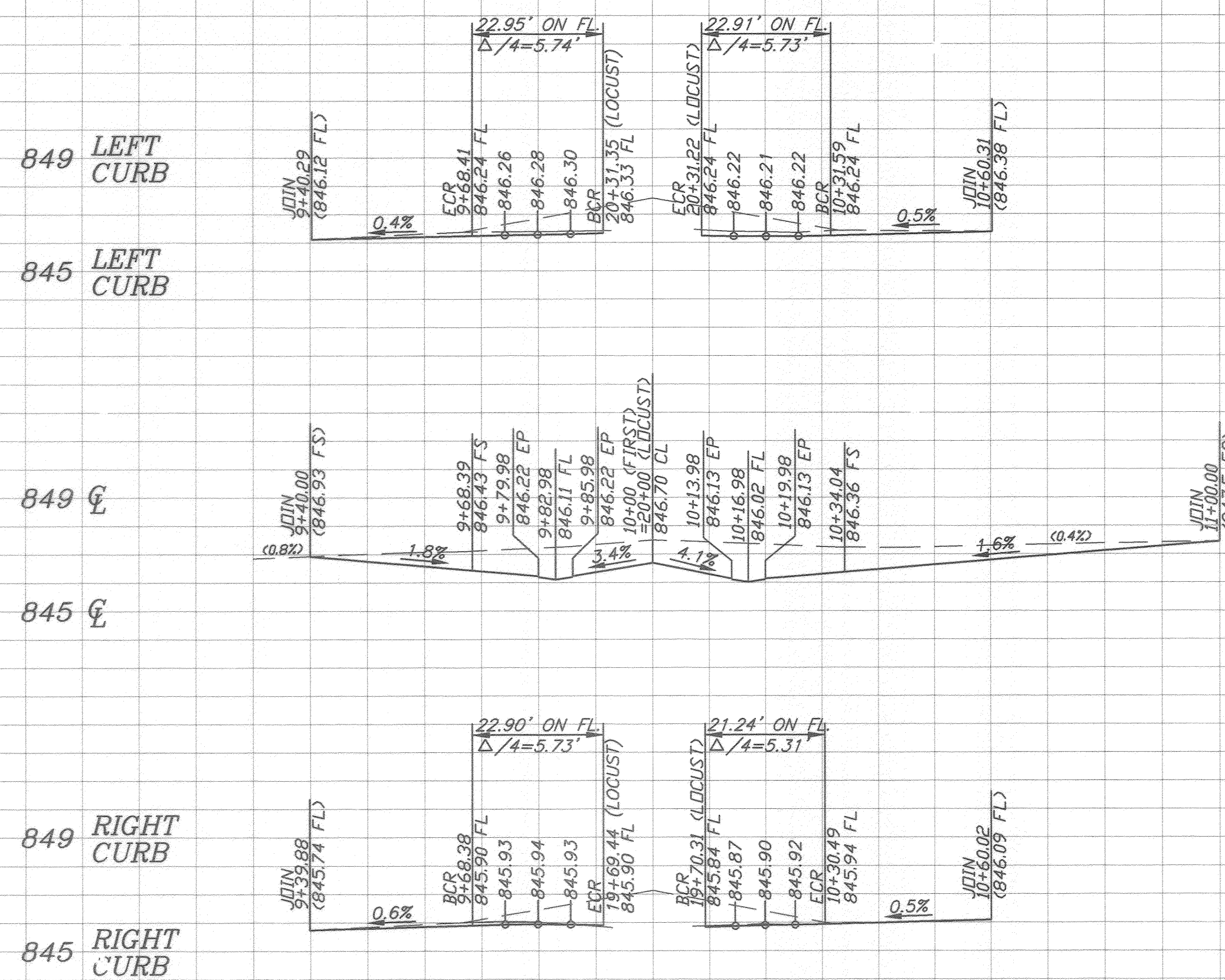
CURVE DATA								
Δ	DELTA	RADIUS	LENGTH	TANGENT	1/4 DELTA	1/2 DELTA	3/4 DELTA	REMARK
1	90°40'52"	14.50'	22.95'	14.67'	846.22 FL	846.26 FL	846.26 FL	CURB RETURN
2	90°30'47"	14.50'	22.91'	14.63'	846.22 FL	846.21 FL	846.22 FL	CURB RETURN
3	90°08'31"	13.50'	21.24'	13.53'	845.07 FL	845.90 FL	845.92 FL	CURB RETURN
4	90°29'57"	14.50'	22.90'	14.63'	845.93 FL	845.94 FL	845.93 FL	CURB RETURN
5	90°28'01"	13.00'	20.53'	13.11'	840.91 FL	840.88 FL	840.87 FL	CURB RETURN
6	90°48'54"	13.00'	20.61'	13.19'	840.92 FL	840.96 FL	840.99 FL	CURB RETURN
7	90°13'31"	13.50'	21.26'	13.55'	840.54 FL	840.58 FL	840.61 FL	CURB RETURN
8	91°32'40"	15.50'	24.77'	15.92'	840.53 FL	840.48 FL	840.42 FL	CURB RETURN
9	90°04'57"	16.00'	25.16'	16.02'	841.74 FL	841.72 FL	841.73 FL	CURB RETURN
10	90°50'20"	13.50'	21.40'	13.70'	841.32 FL	841.37 FL	841.41 FL	CURB RETURN
11	91°10'45"	15.50'	24.67'	15.82'	841.25 FL	841.18 FL	841.12 FL	CURB RETURN
12	90°04'33"	13.50'	21.22'	13.52'	841.65 FL	841.64 FL	841.65 FL	CURB RETURN

### GENERAL NOTES:

- CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF RIVERSIDE STANDARD DRAWINGS AND STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 2003 EDITION.
- ALL ELEVATIONS SHOWN ON THE PLANS SHALL BE STAKED IN THE FIELD, EXCEPT FOR ELEVATIONS SHOWN IN PARENTHESIS WHICH DENOTE EXISTING GRADES.
- CUT AND FILL SLOPES SHALL BE 2:1 OR FLATTER UNLESS OTHERWISE SHOWN ON THE PLAN.
- EXISTING UTILITIES SHOWN ON THE PLANS, 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 THESE PLANS.
- THE CONTRACTOR SHALL POTHOLE AND VERIFY SIZE AND DEPTH OF ALL INTERFERING UTILITIES PRIOR TO THE REMOVAL AND REPLACEMENT OF PAVEMENT STRUCTURAL SECTION. CONSTRUCTION PROBLEMS ARISING FROM UTILITY INTERFERENCE DUE TO FAILURE OF THE CONTRACTOR TO POTHOLE AND VERIFY UTILITY LOCATIONS AND DEPTH WILL RESULT IN THE REMOVAL AND REPLACEMENT OF THE CONTRACTOR'S WORK AS NECESSARY TO CORRECT THE PROBLEM AT THE CONTRACTOR'S OWN EXPENSE AND NO TIME EXTENSION WILL BE GRANTED. NO GRADE SHEETS WILL BE ISSUED BY THE CITY UNTIL ALL POTHOLE VERIFICATION IS COMPLETED BY THE CONTRACTOR.

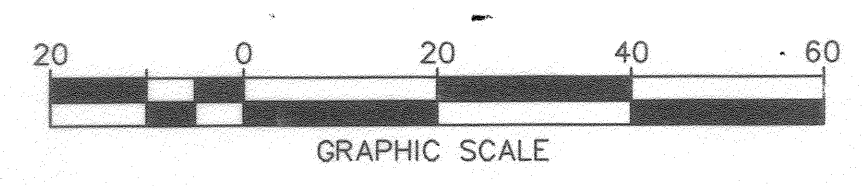
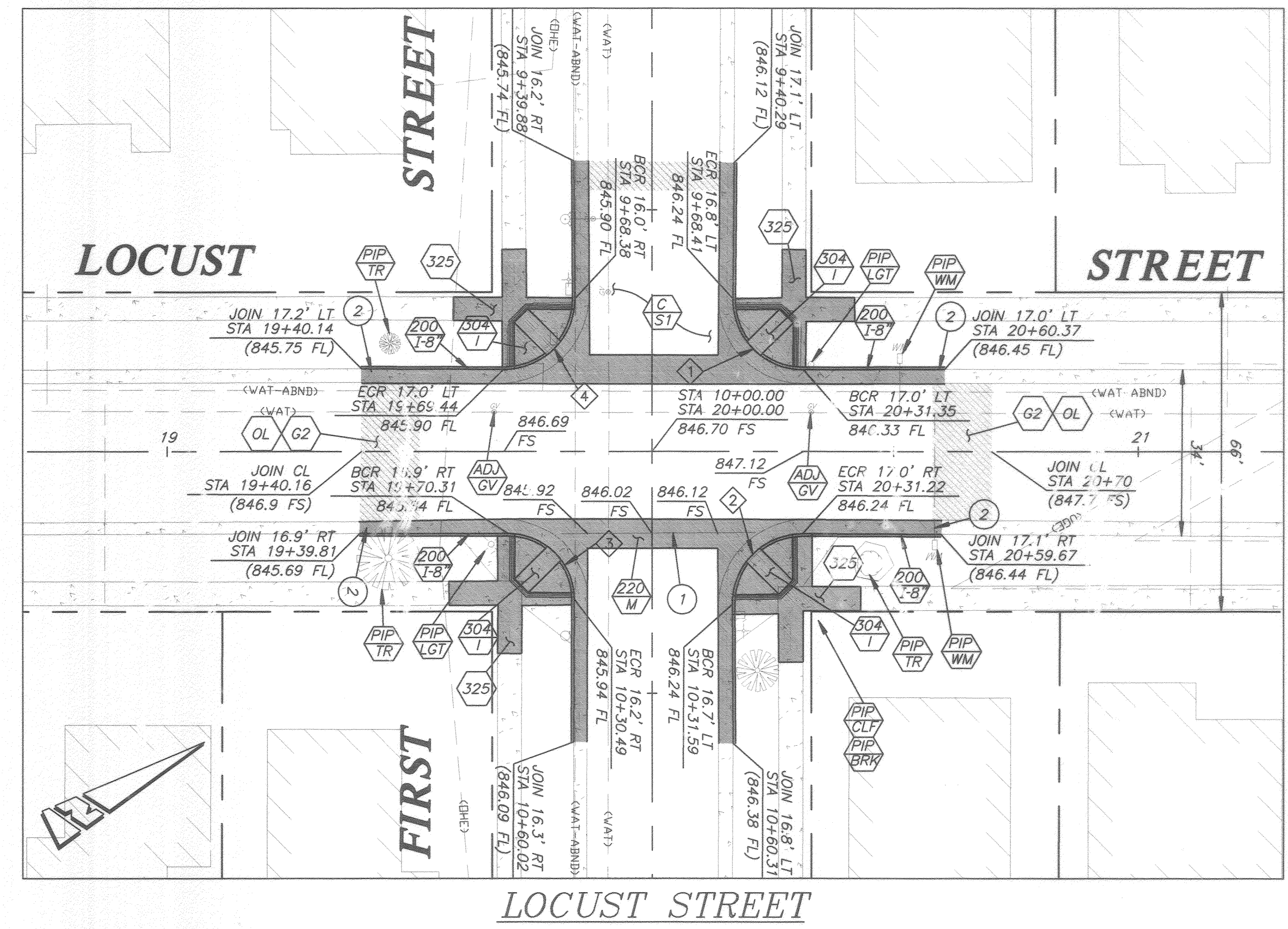
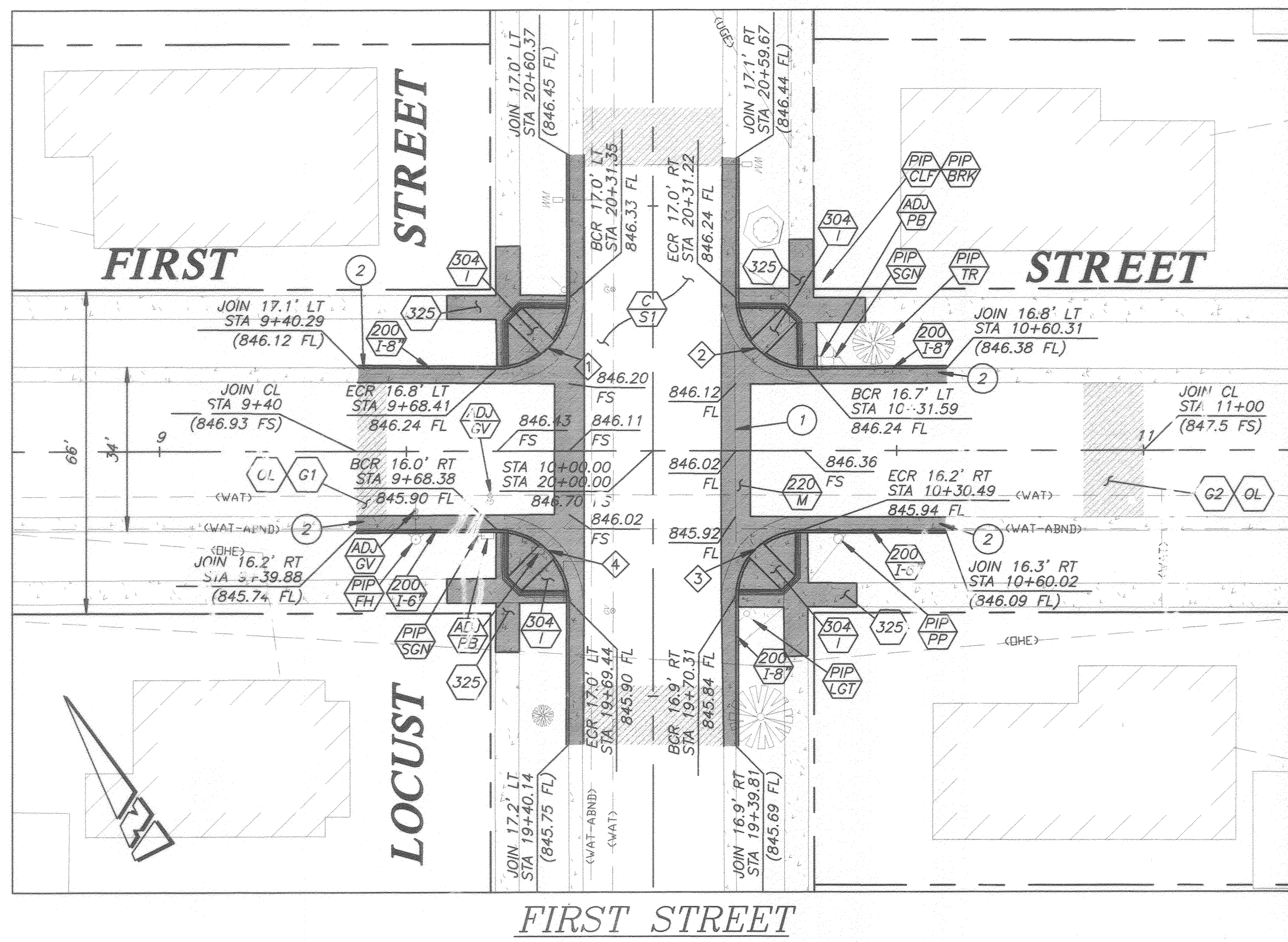
 <p>ENGINEER IN RESPONSIBLE CHARGE MICHAEL KATUSIAN R.C.E. No. 36886 expires 6/30/04 DATE 3/19/04</p>	 <p>REGISTERED PROFESSIONAL ENGINEER MICHAEL KATUSIAN No. 36886 Exp. 6-30-04 CIVIL STATE OF CALIFORNIA</p>	CITY OF RIVERSIDE, CALIFORNIA PUBLIC WORKS DEPARTMENT		DOWNTOWN WHEELCHAIR RAMPS		ACCT. NO. 9549827152-440223
		APPROVED BY: [Signature] PRINCIPAL ENGINEER CONSTRUCTION ADMIN. SURVEYOR STREET SERVICES TRAFFIC ENGINEER PARK & REC. DEP.	BY DATE: [Signature] 3/19/04 CITY ENGINEER	DESIGNED BY: [Signature] DRAWN BY: [Signature] CHECKED BY: [Signature]	DATE: 3/26/04	HORIZ. SCALE: N/A VERT. SCALE: N/A

INDEXED 5-10-04



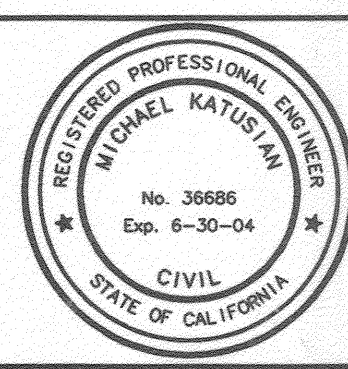
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VERT. SCALE: 1" = 4'

9+00 10+00 11+00 19+00 20+00 21+00



**BENCHMARK 16-J3**  
P.K. NAIL AND CITY ENGINEER TAG IN THE TOP OF CURB OF A CATCH BASIN AT THE E.C.R. OF THE SOUTHEASTERLY CURB RETURN OF FOURTH STREET AND REDWOOD DRIVE.  
ELEVATION: 847.334

**ENGINEER IN RESPONSIBLE CHARGE**  
*Michael Katusian*  
MICHAEL KATUSIAN  
R.C.E. No. 36686 expires 6/30/04  
DATE 3/19/04



MARK	REVISIONS	APPR.	DATE

CITY OF RIVERSIDE, CALIFORNIA  
PUBLIC WORKS DEPARTMENT

APPROVED BY: *Jim Boyd*  
DATE: 3/19/04

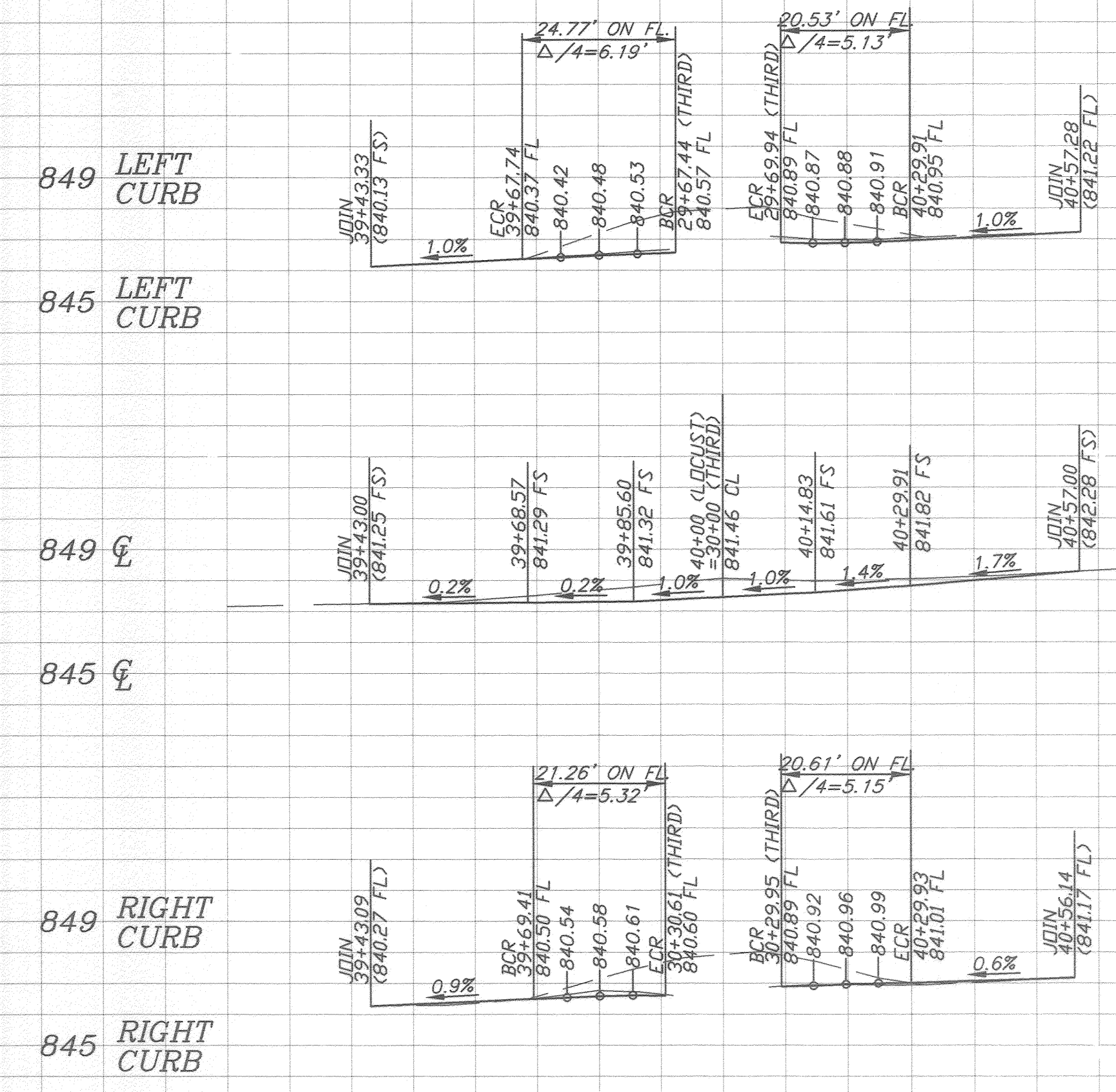
PRINCIPAL ENGINEER: *Jim Boyd*  
CONSTRUCTION ADMIN.: *Jim Boyd*  
SURVEYOR: *Jim Boyd*  
STREET SERVICES: *Jim Boyd*  
TRAFFIC ENGINEER: *Jim Boyd*  
PAVING & REC. DEP.: *Jim Boyd*

**DOWNTOWN WHEELCHAIR RAMPS**  
INTERSECTION OF FIRST STREET AND LOCUST STREET IMPROVEMENTS

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

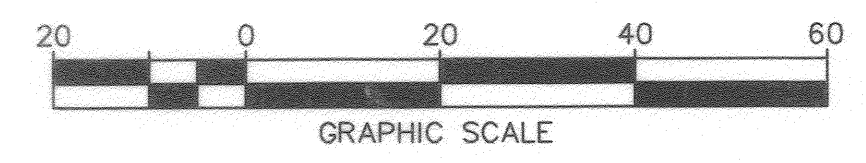
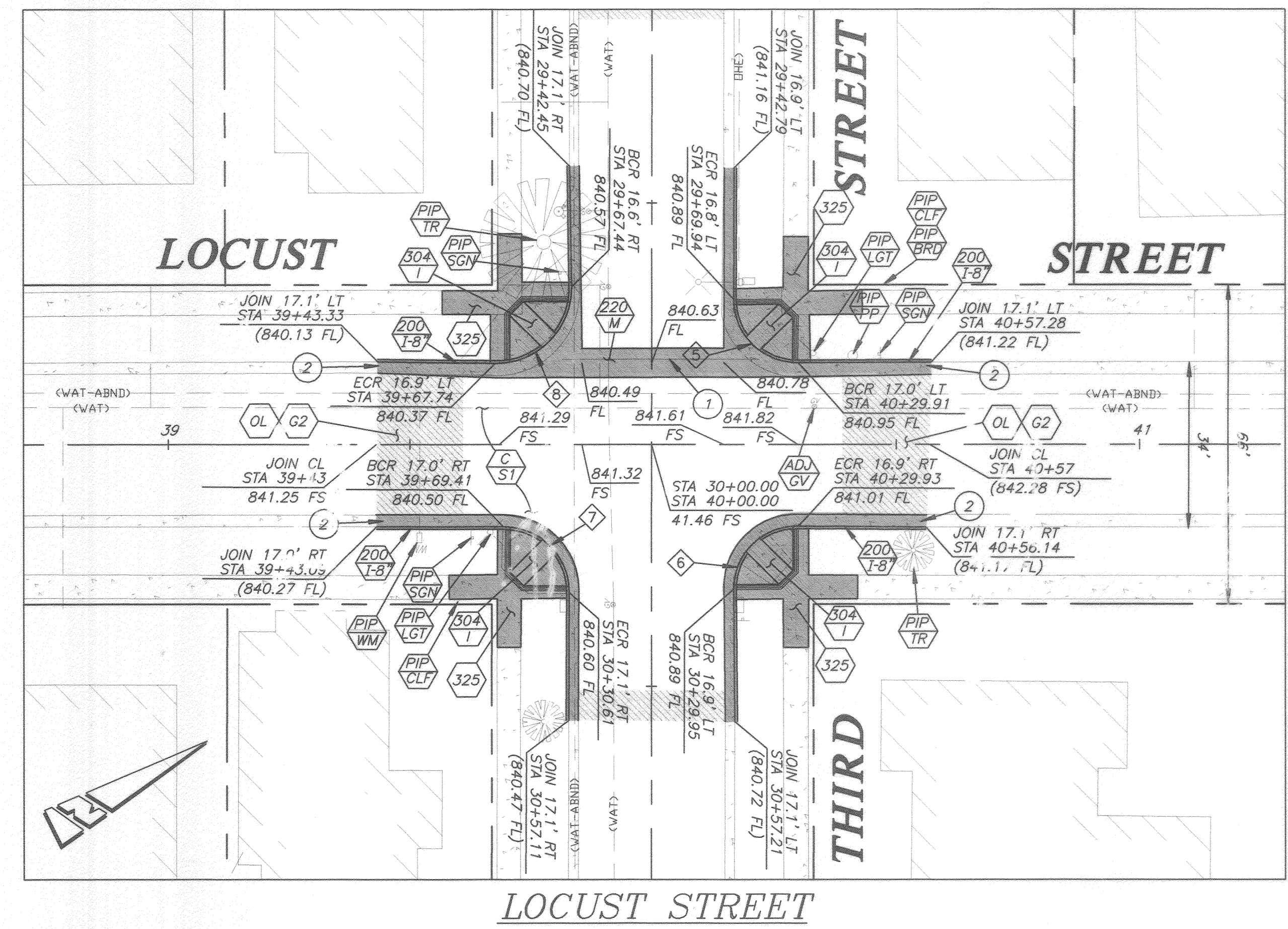
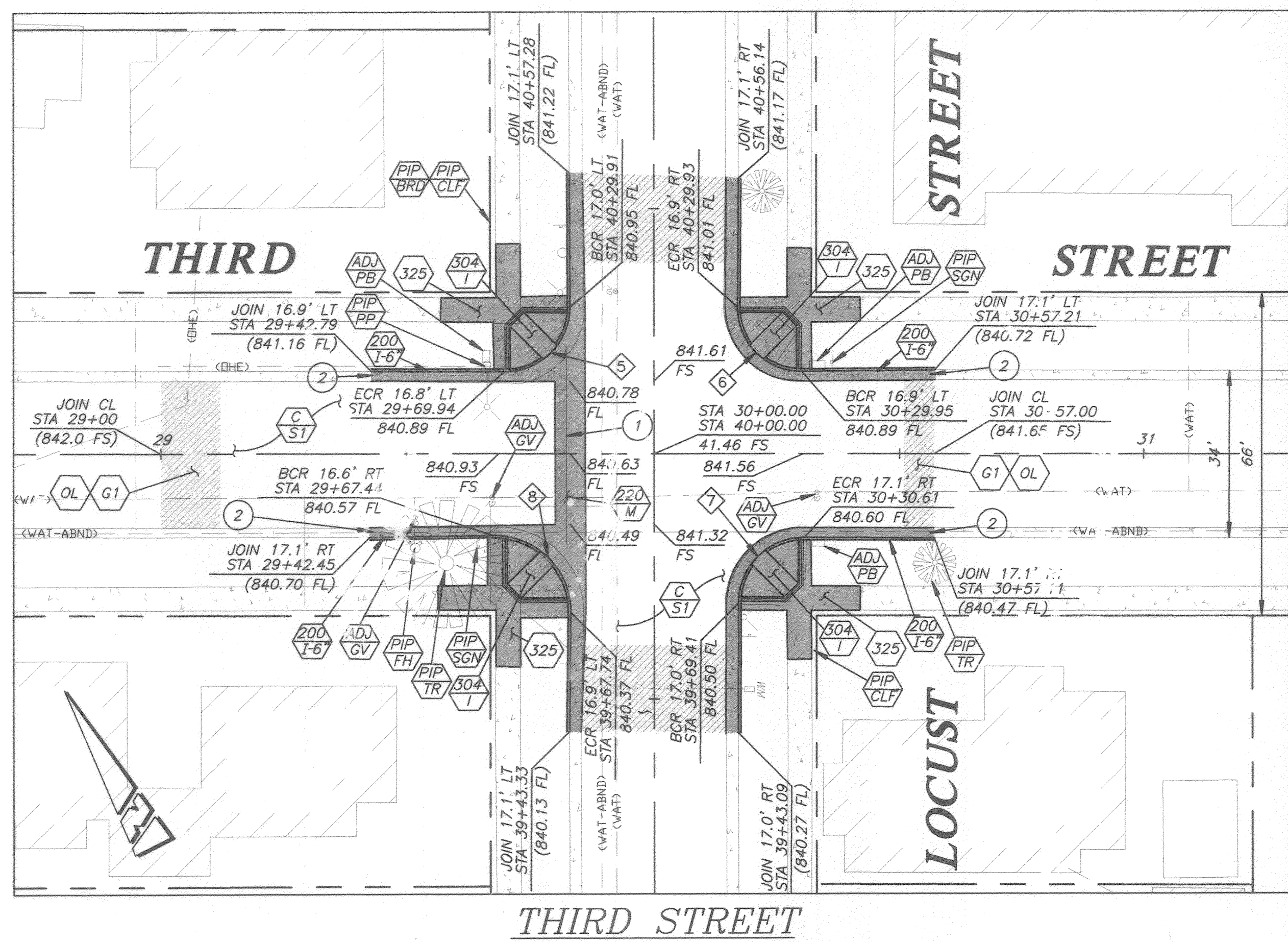
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**M-429**  
SHEET 2 OF 4  
FILE NO.

INDEXED 5-10-04



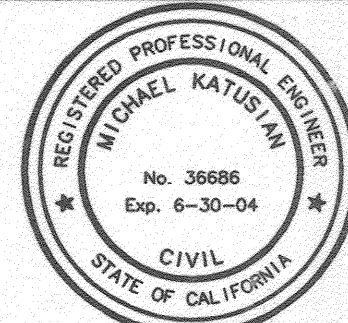
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29+00 30+00 31+00 39+00 40+00 41+00



**BENCHMARK 16-33**  
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ELEVATION: 847.334

**ENGINEER IN RESPONSIBLE CHARGE**  
*Michael Katusian*  
MICHAEL KATUSIAN  
R.C.E. No. 3886 expires 6/30/04  
DATE 3/19/04



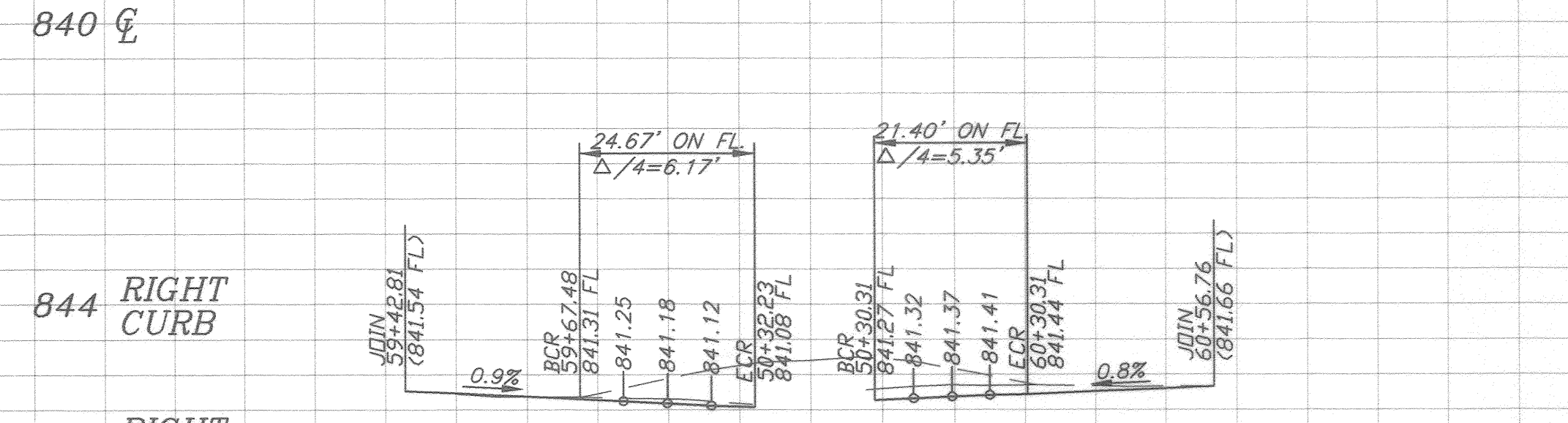
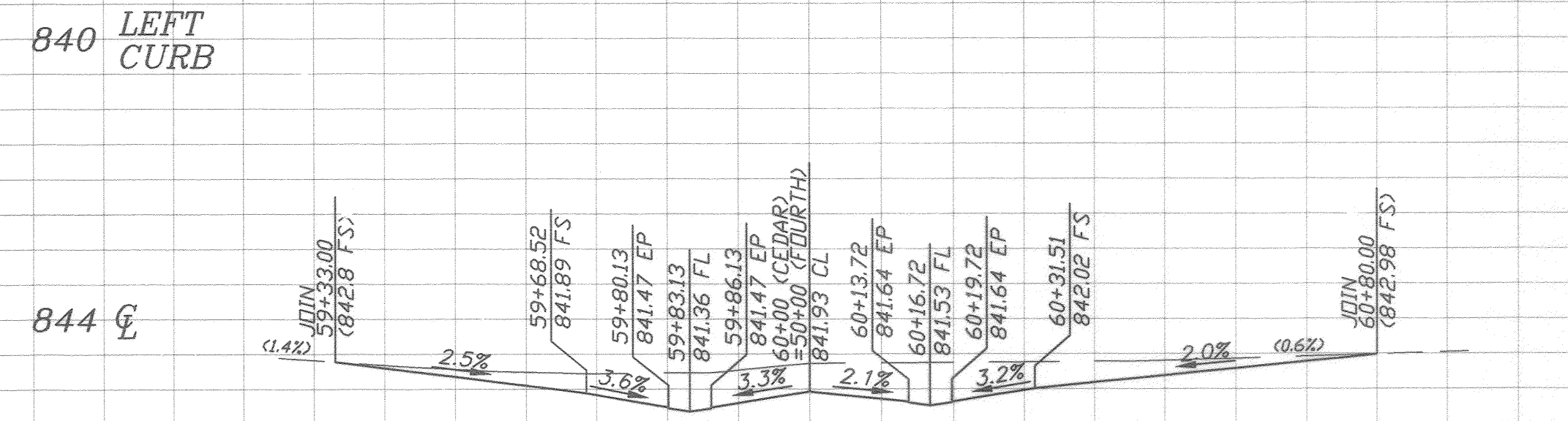
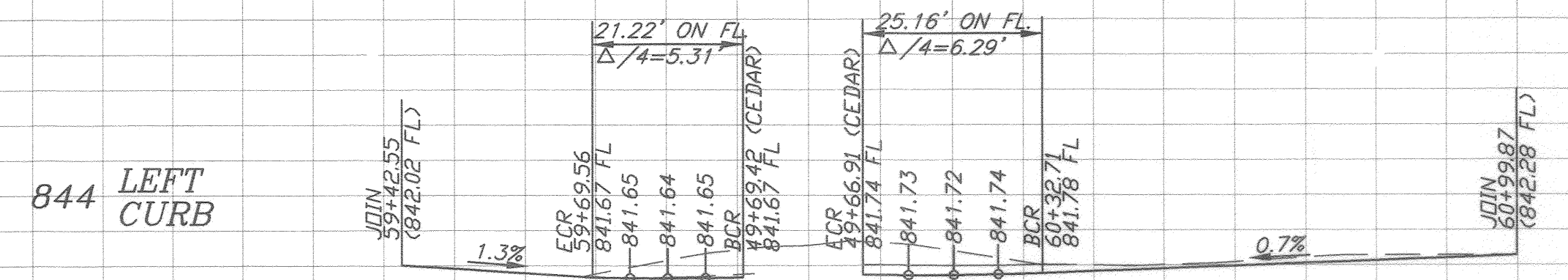
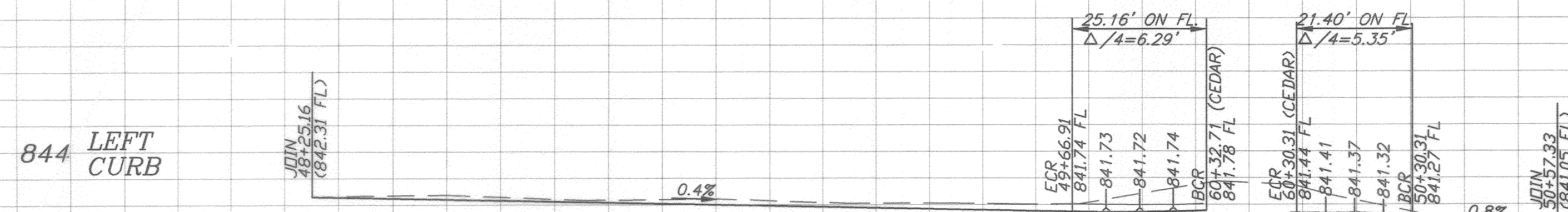
MARK	REVISIONS	APPR.	DATE

CITY OF RIVERSIDE, CALIFORNIA  
PUBLIC WORKS DEPARTMENT  
APPROVED BY: *[Signature]* DATE: 3/19/04  
CONSTRUCTION ADMIN. SUPERVISOR: *[Signature]* DATE: 3/19/04  
STREET SERVICES ENGINEER: *[Signature]* DATE: 3/19/04  
TRAFFIC ENGINEER: *[Signature]* DATE: 3/19/04  
PAVING & REC. DEP.

**DOWNTOWN WHEELCHAIR RAMPS**  
**INTERSECTION OF THIRD STREET AND LOCUST STREET IMPROVEMENTS**  
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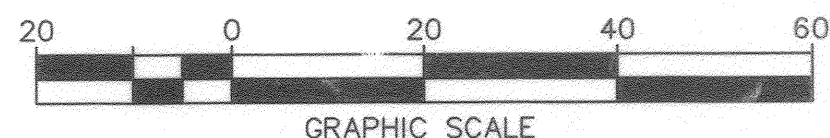
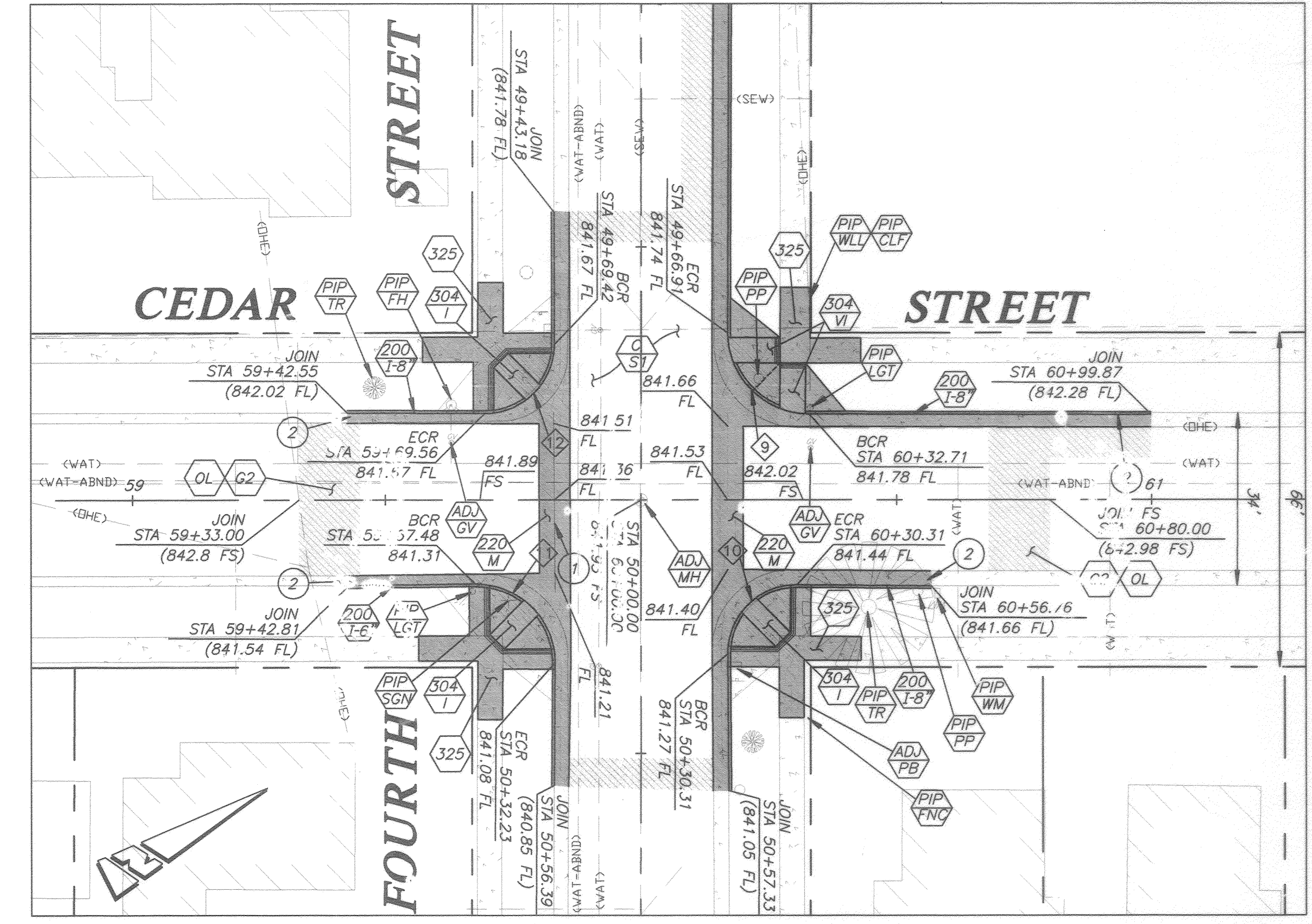
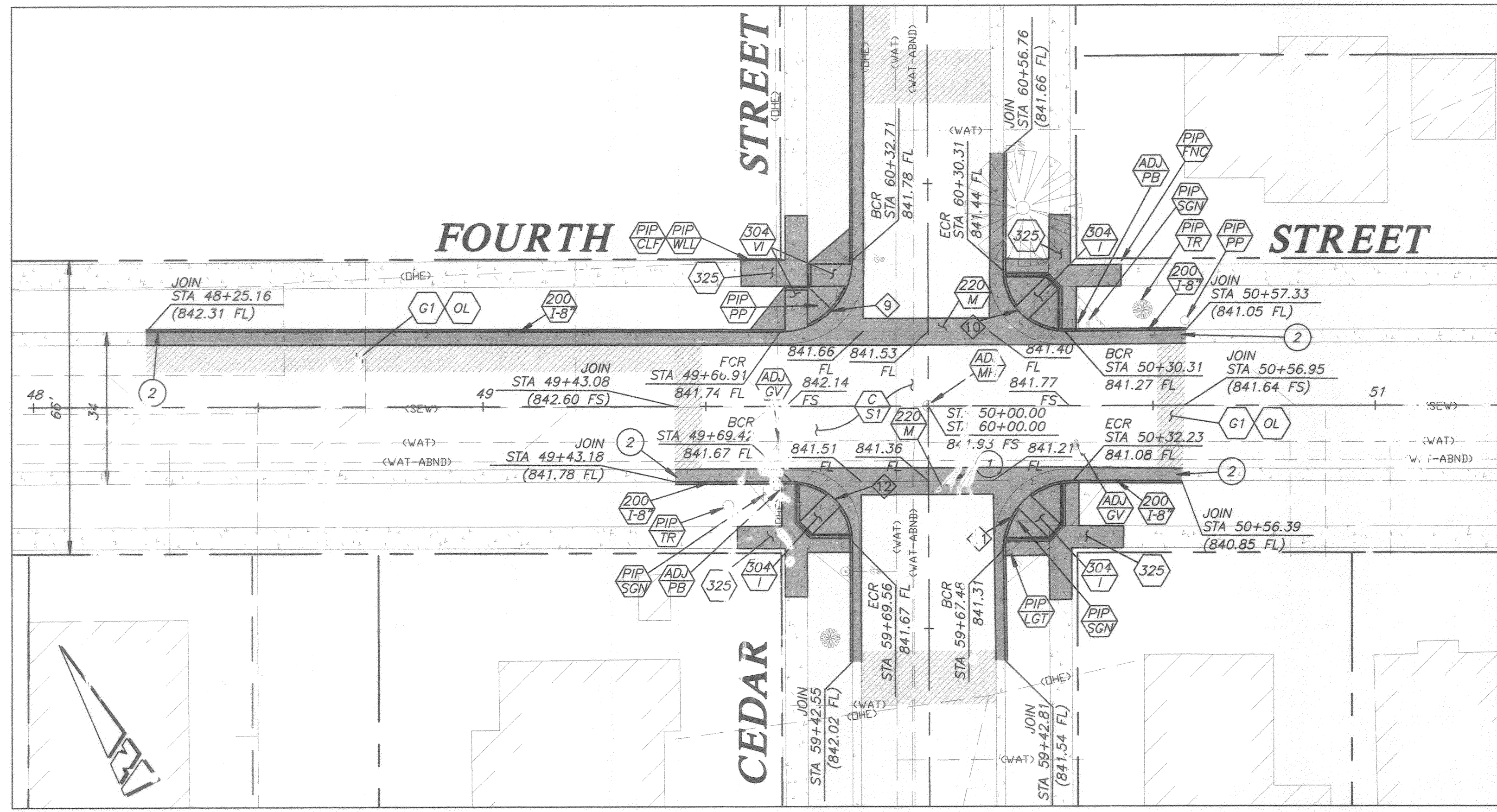
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**M-429**  
SHEET 3 OF 4  
FILE NO.

INDEXED 5-10-04 LKH



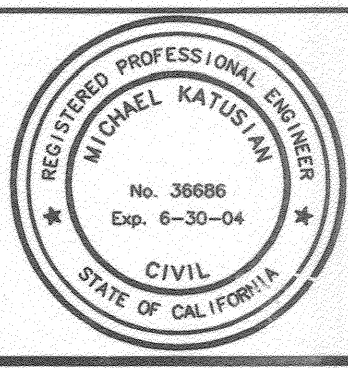
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VERT. SCALE: 1" = 4'

48+00                      49+00                      50+00                      51+00                      59+00                      60+00                      61+00



**BENCHMARK 16-J3**  
P.K. NAIL AND CITY ENGINEER TAG IN THE TOP OF CURB OF A CATCH BASIN AT THE E.C.R. OF THE SOUTHEASTERLY CURB RETURN OF FOURTH STREET AND REDWOOD DRIVE.  
ELEVATION: 847.334

**ENGINEER IN RESPONSIBLE CHARGE**  
*Michael Katusan*  
MICHAEL KATUSIAN  
R.C.E. No. 36866 expires 6/30/04  
DATE: 3/19/04



MARK	REVISIONS	APPR.	DATE

CITY OF RIVERSIDE, CALIFORNIA  
PUBLIC WORKS DEPARTMENT  
APPROVED BY: *[Signature]*  
DATE: 3/24/04  
CITY ENGINEER

**DOWNTOWN WHEELCHAIR RAMPS**  
INTERSECTION OF FOURTH STREET AND CEDAR STREET IMPROVEMENTS  
HORIZ. SCALE: 1"=20'    VERT. SCALE: 1"=4'

ACCT. NO. 9545827152-440223  
**M-429**  
SHEET 4 OF 4  
FILE NO.

INDEXED 5-10-04 LHT