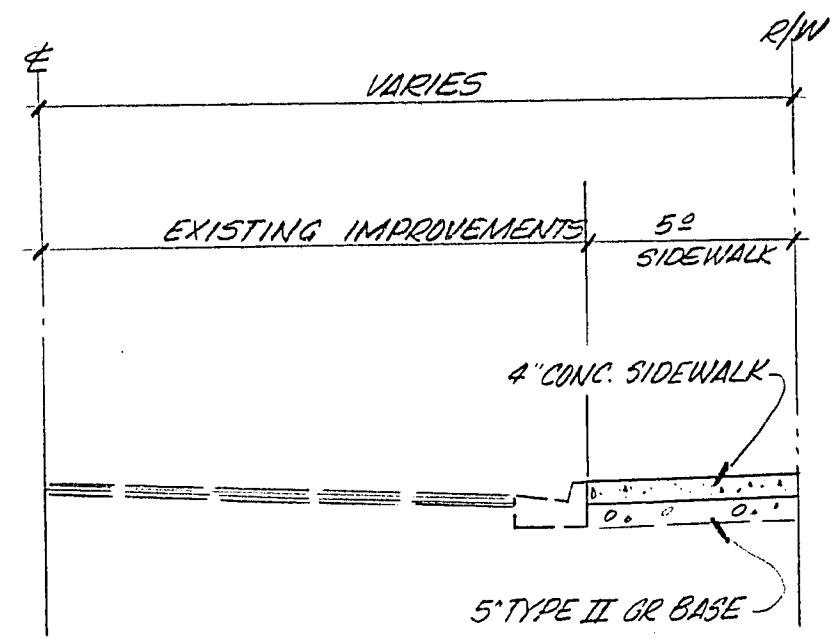
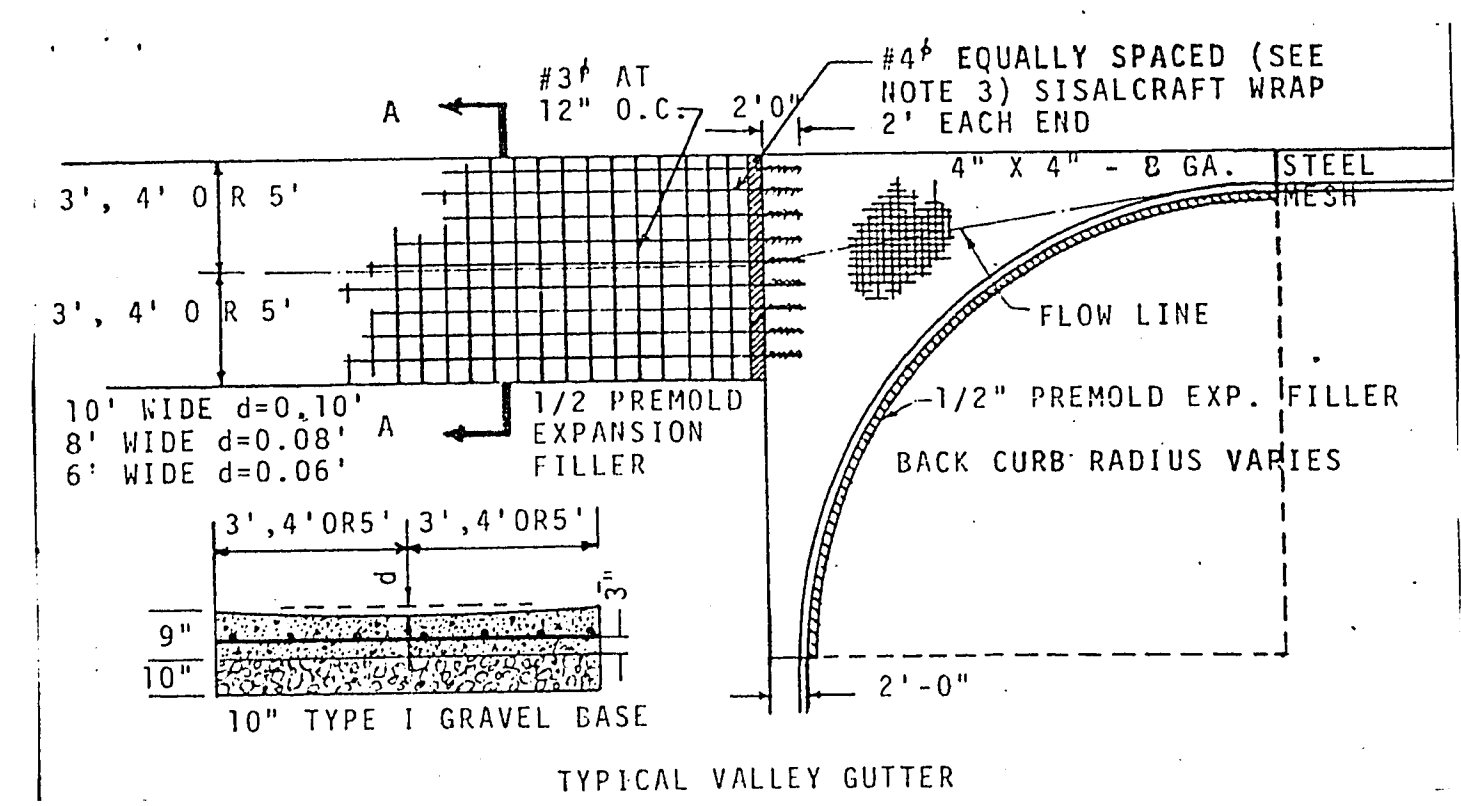


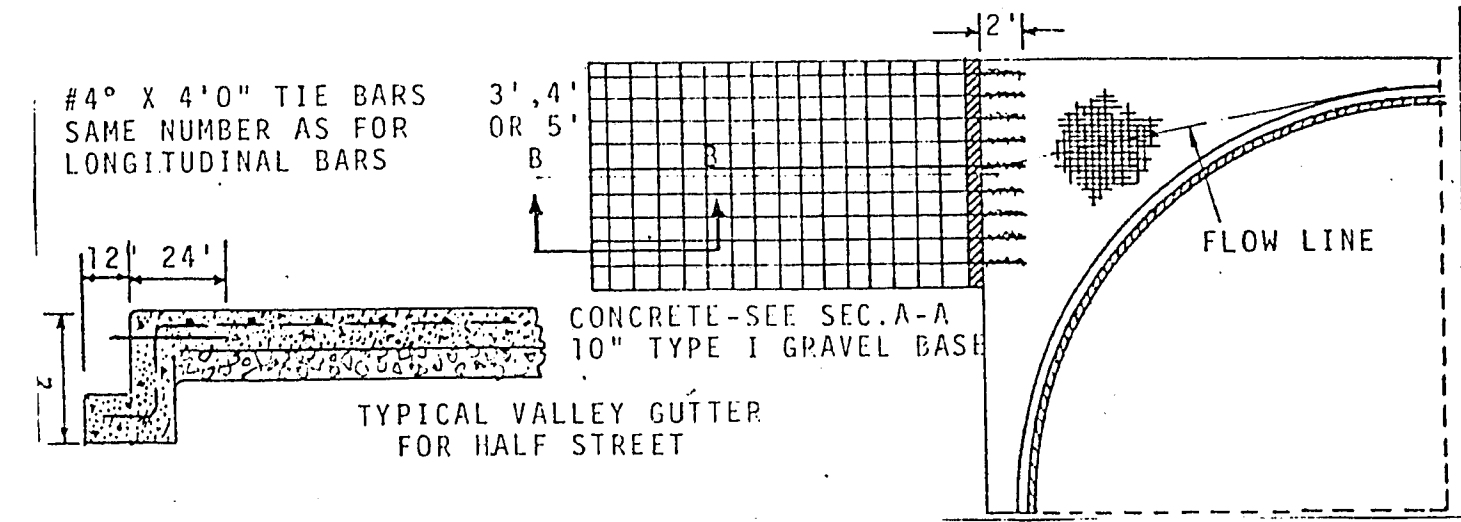
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RANCHO RD.-PINTO LN.



TYPICAL VALLEY GUTTER

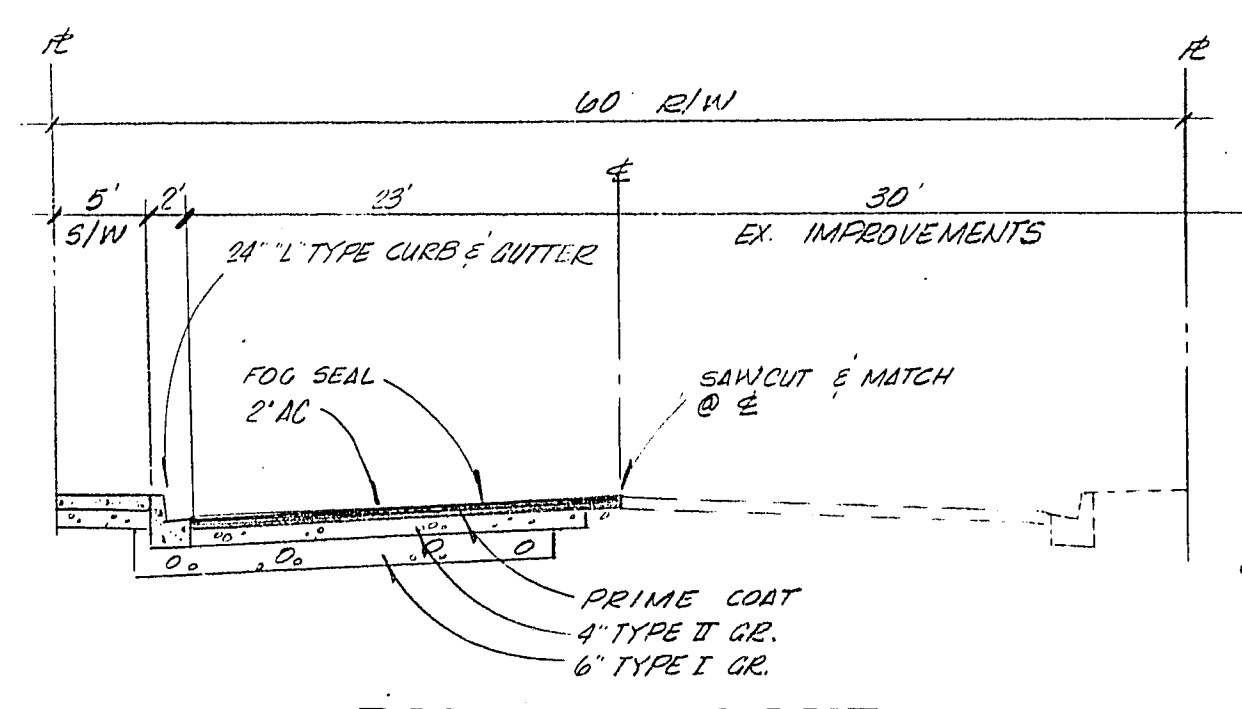


TYPICAL VALLEY GUTTER FOR HALF STREET

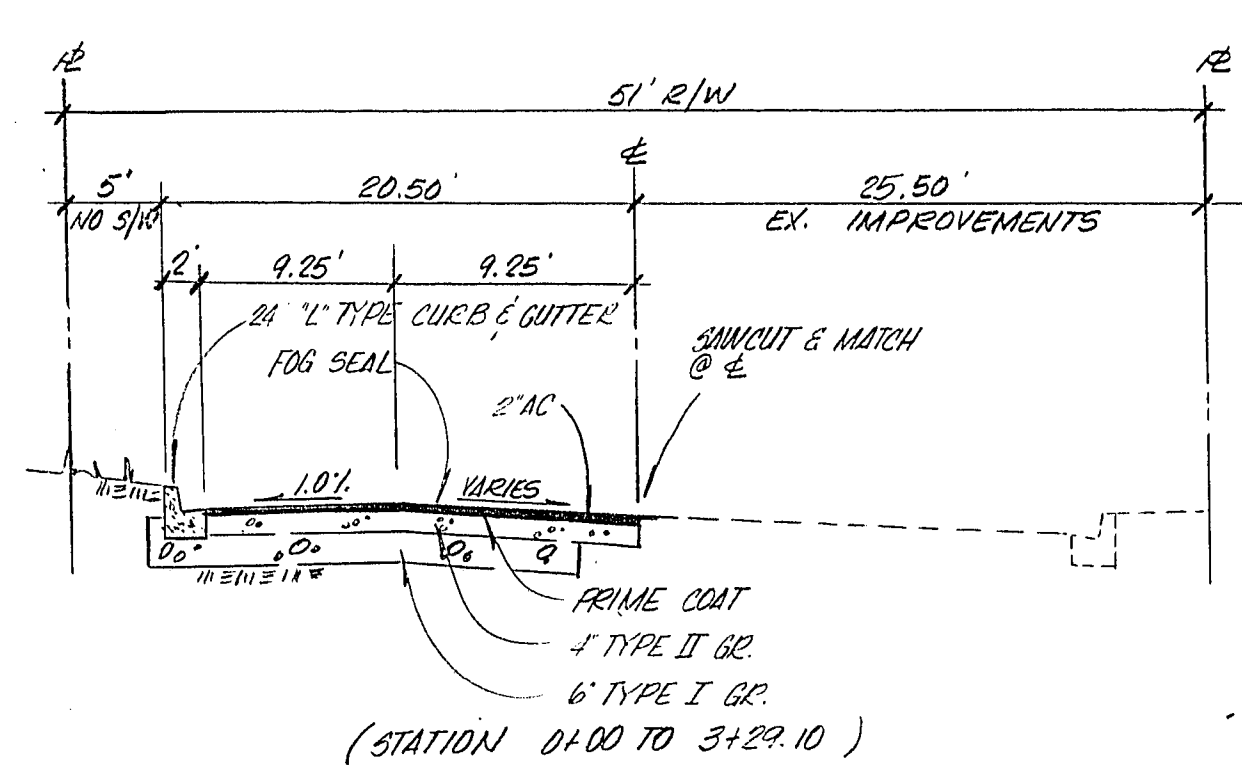
NOTES:

1. CONCRETE TO BE 5.5 B 3000 CONCRETE (SEE NOTE 7) RIGHT
2. 8' & 10' GUTTERS TO BE USED ON ALL MAJOR STREETS
3. 6' VALLEY GUTTERS MAY BE USED ON MINOR, LIGHT TRAVELED STREETS
4. LONGITUDINAL REINFORCING BARS:
 - PLACE 7 - #4 BARS IN 10' VALLEY GUTTER
 - PLACE 5 - #4 BARS IN 8' VALLEY GUTTER
 - PLACE 3 - #4 BARS IN 6' VALLEY GUTTER
5. TRANSVERSE REINFORCING BARS:
 - PLACE #3 BARS AT 12" O.C.
6. STEEL MESH DISCONTINUES AT EXPANSION JOINT
7. SLOT TO BE CONSTRUCTED WHEN DIRECTED BY THE ENGINEER
8. SEE DRAWING NUMBER 340.44.

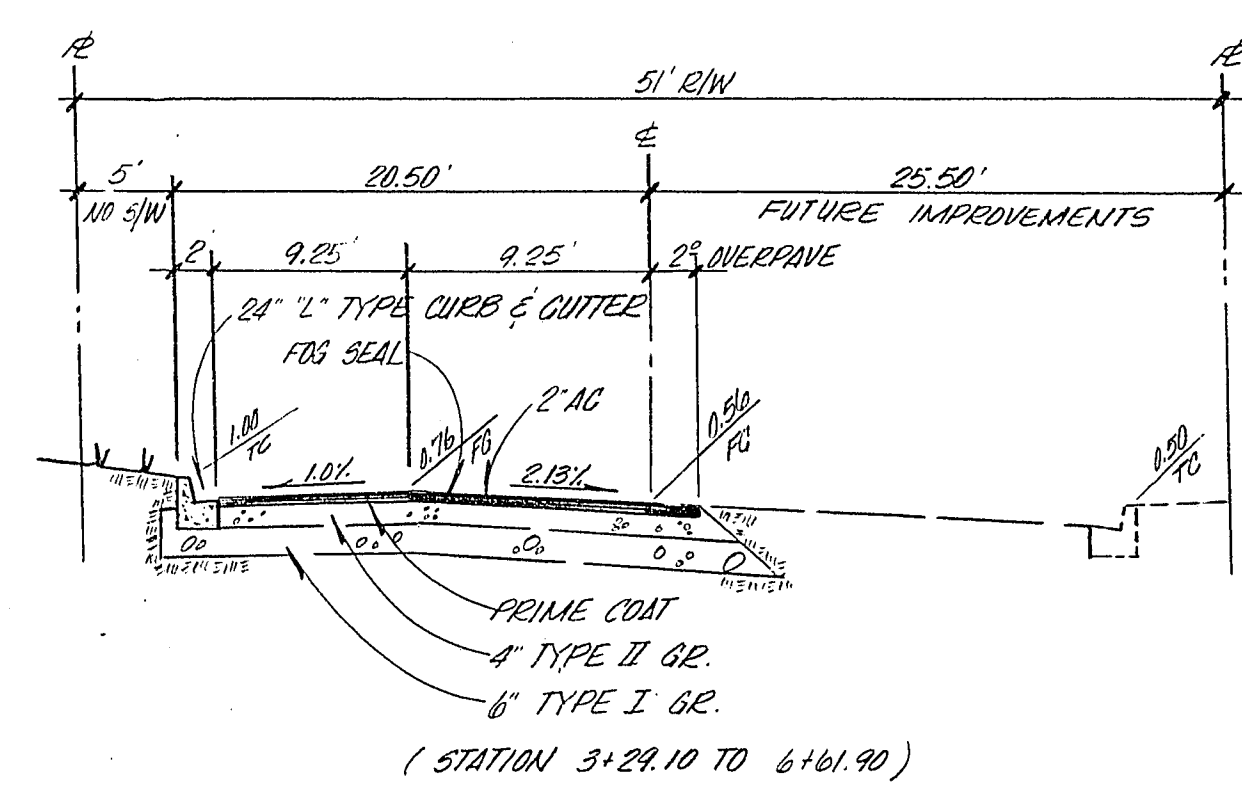
TYPICAL VALLEY GUTTER DETAIL



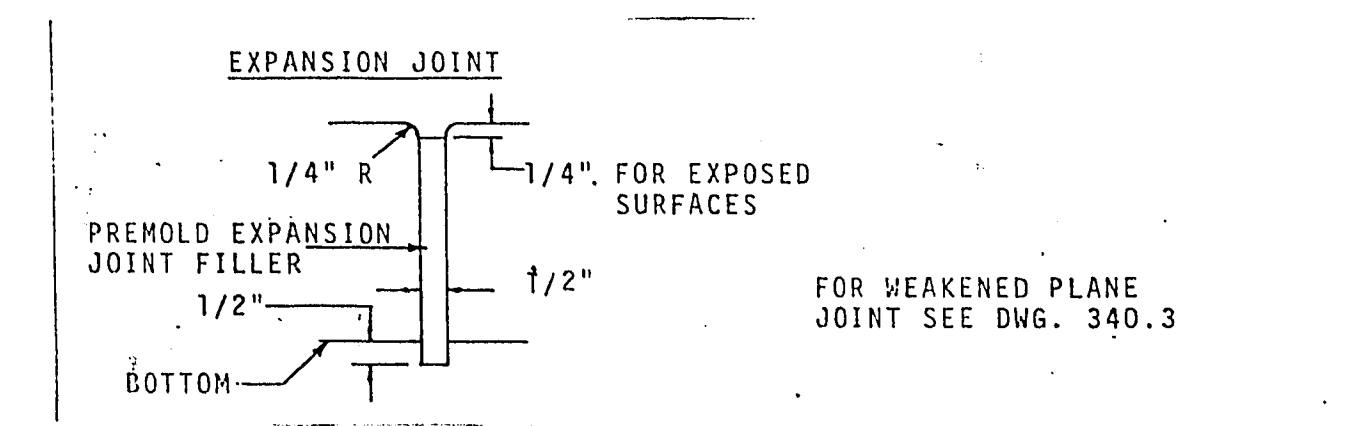
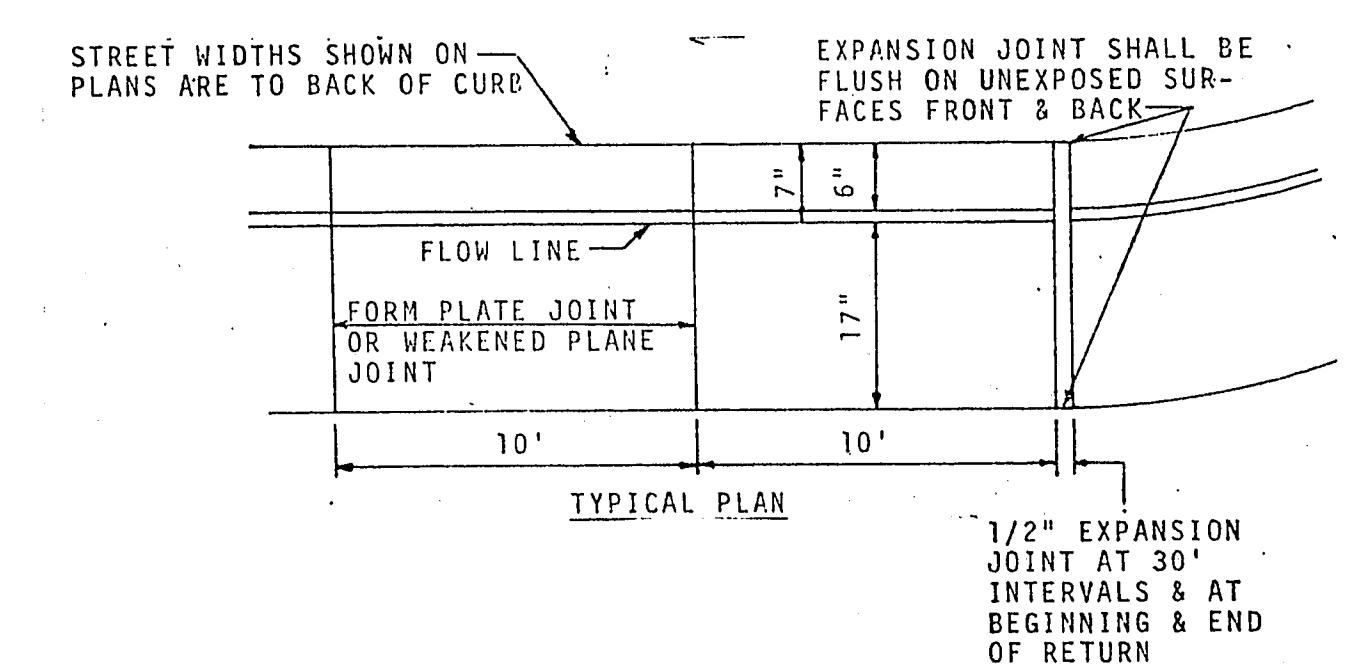
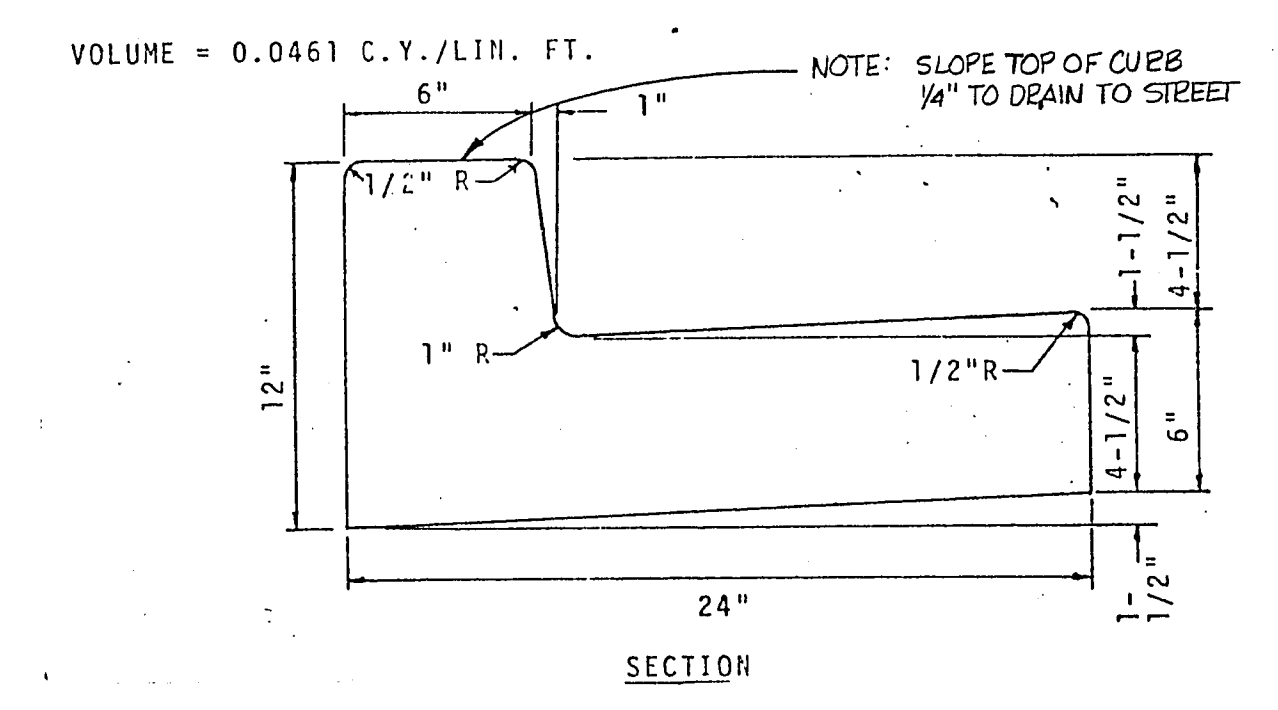
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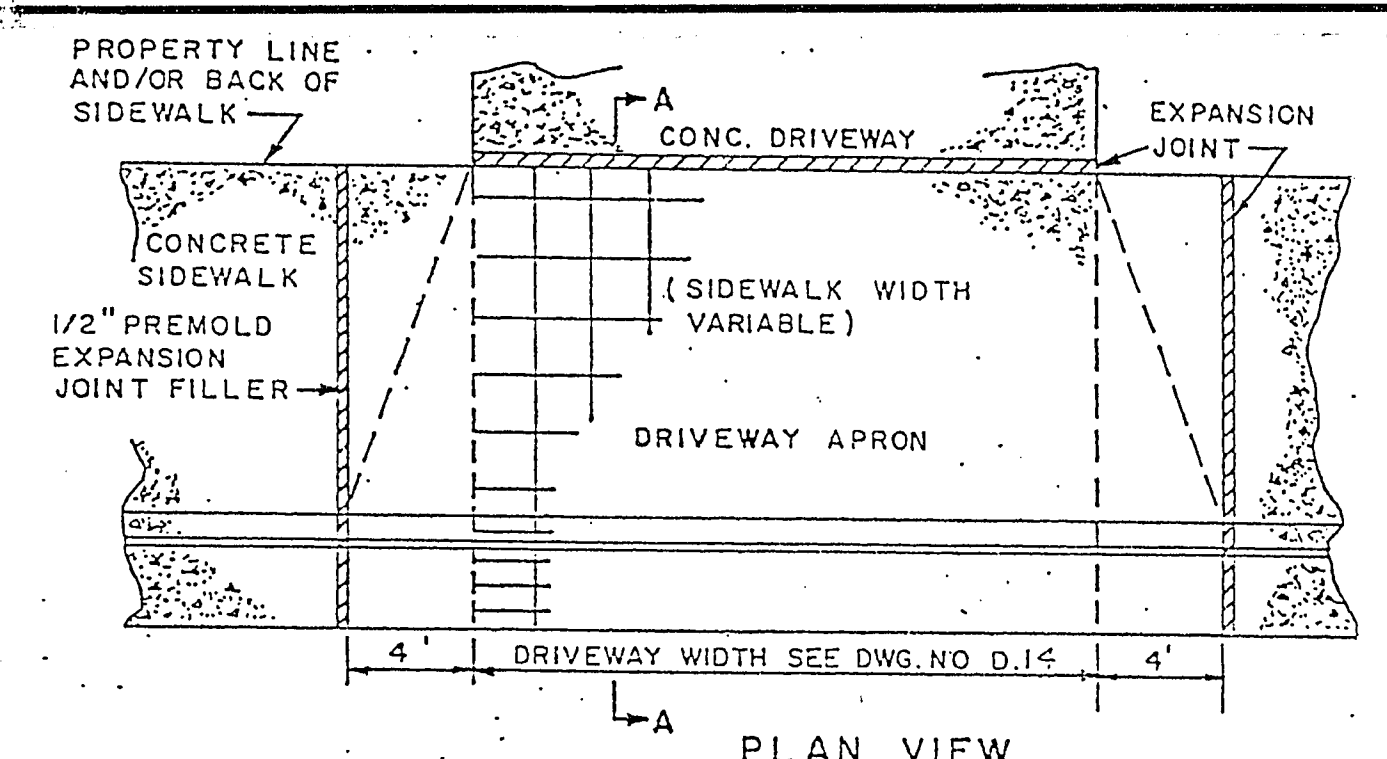
(STATION 0+00 TO 3+29.10)



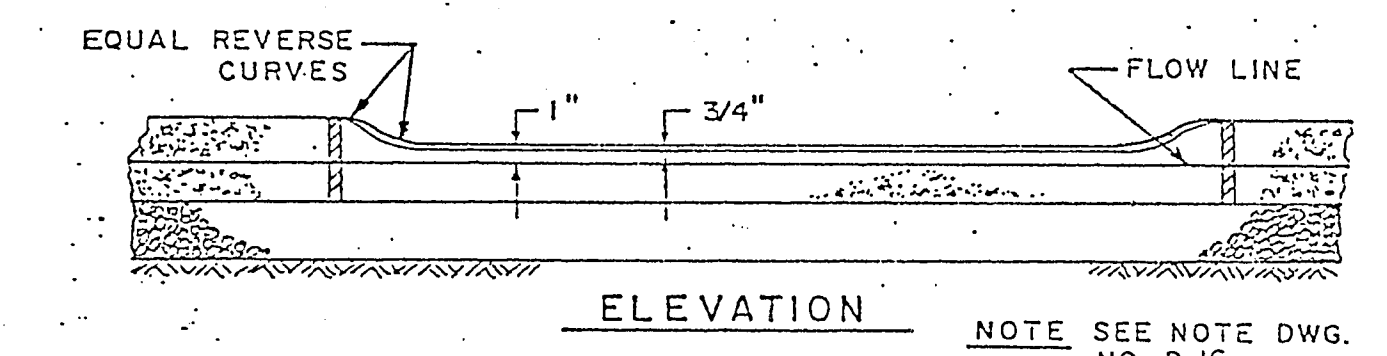
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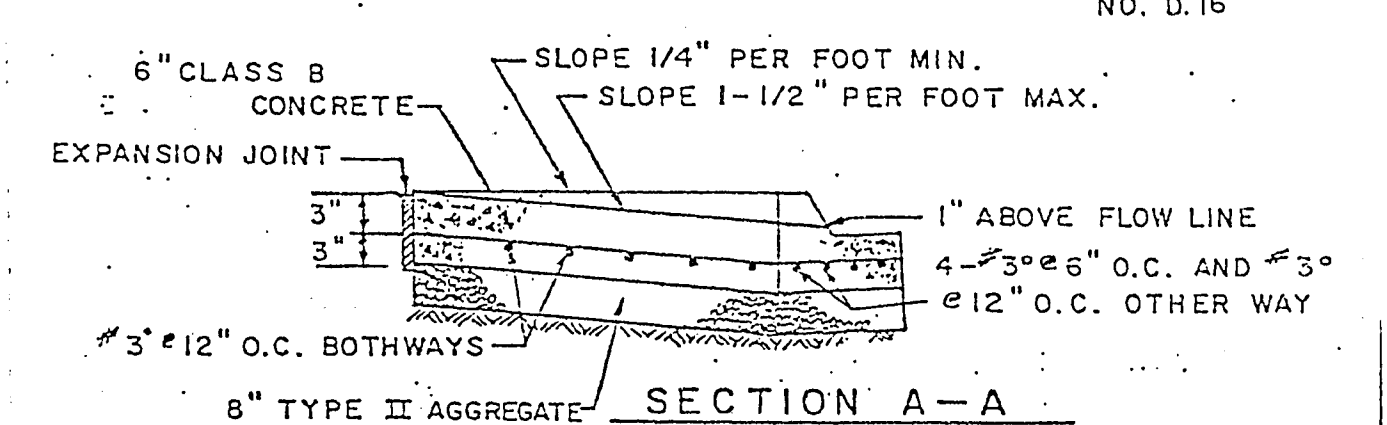
TYPICAL "L" TYPE CURB & GUTTER DETAIL



PLAN VIEW



ELEVATION

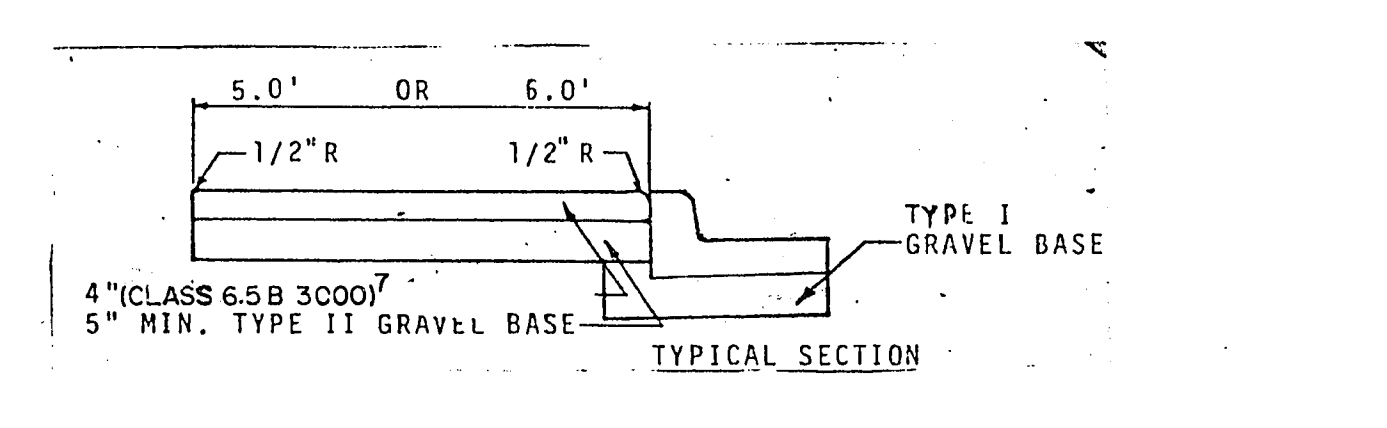
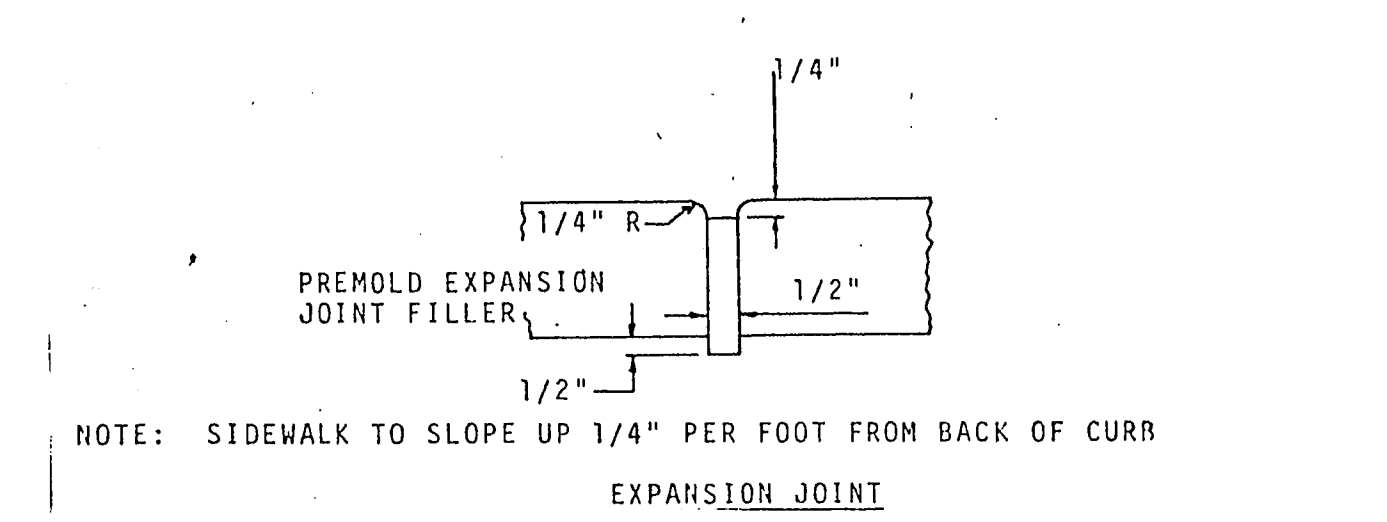
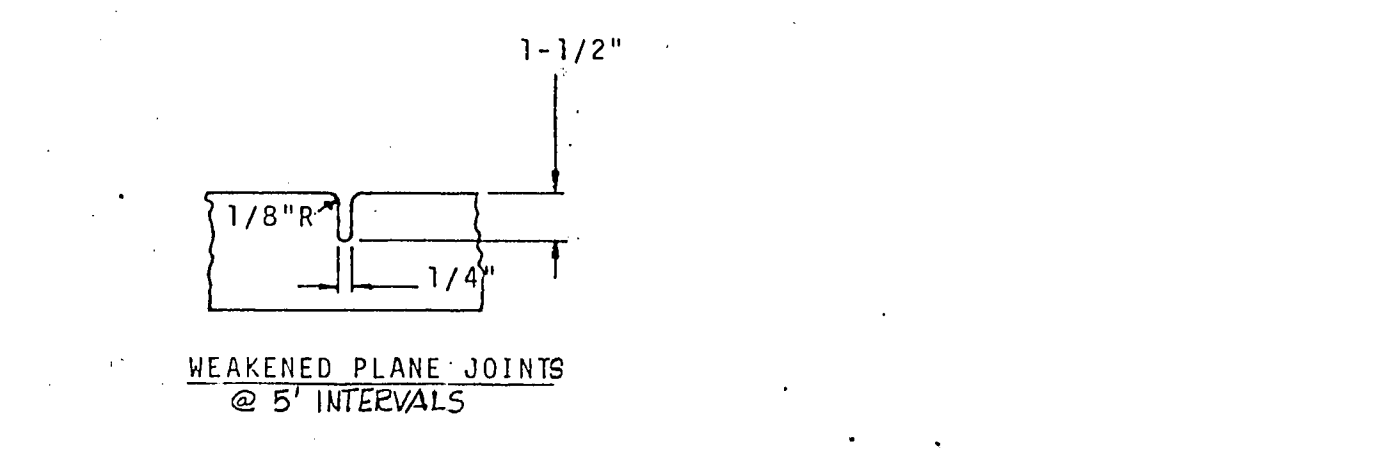
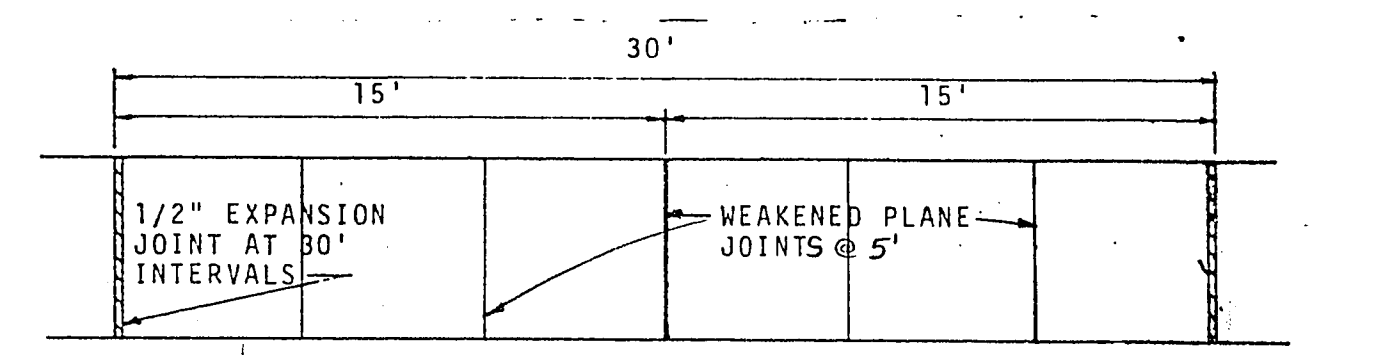


SECTION A-A

VOLUME OF DEPRESSED CURB (C.Y.) = (0.0385) DRIVEWAY WIDTH + (0.3379)

SPECIFICATION REFERENCE	BASE	CONCRETE	JOINT FILL	STEEL
	704	- 501	- 707	- 713

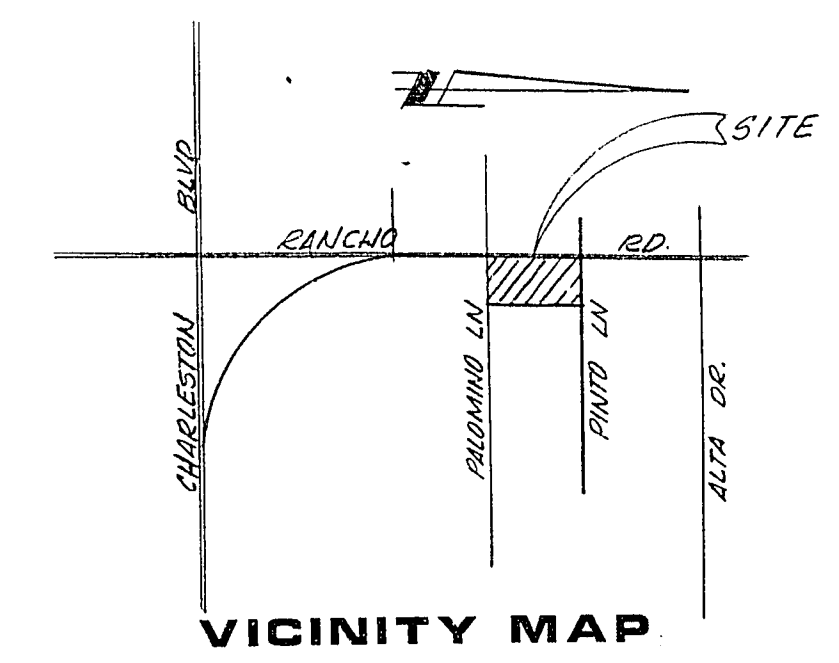
TYPICAL DRIVEWAY DETAIL (COMMERCIAL)



TYPICAL SIDEWALK DETAIL

BENCHMARK

CLV BM # 1615A4 - ELEV. = 2067.72
SE COR - RANCHO & CHARLESTON



GENERAL NOTES:

1. CURB AND GUTTER WITH A GRADE OF LESS THAN FOUR-TENTHS OF ONE PERCENT SHALL BE CONSTRUCTED BY FORMING. EACH JOINT SHALL BE CHECKED FOR GRADE PRIOR TO CONSTRUCTION AND WATER TESTED AS SOON AS POSSIBLE AFTER CONSTRUCTION.
2. WHEELCHAIR RAMPS SHALL BE CONSTRUCTED IN EACH QUADRANT OF AN INTERSECTION PER STANDARD DRAWING D22A. EXACT LOCATION OF RAMPS SHALL BE DETERMINED IN THE FIELD BY A CITY INSPECTOR.
3. CONTRACTOR SHALL PROVIDE ALL NECESSARY HORIZONTAL AND VERTICAL TRANSITION BETWEEN NEW CONSTRUCTION AND EXISTING SURFACES TO PROVIDE FOR PROPER DRAINAGE AND OF INGRESS AND EGRESS TO SAID CONSTRUCTION. EXTENT OF TRANSITIONS TO BE DETERMINED BY THE CITY ENGINEER.
4. EXISTING UTILITIES ARE LOCATED ON PLANS FOR THE CONVENIENCE OF THE CONTRACTOR ONLY. THE CONTRACTOR SHALL BEAR FULL RESPONSIBILITY FOR THE PROTECTION OF UTILITIES AND THE ENGINEER BEARS NO RESPONSIBILITY FOR UTILITIES NOT SHOWN ON PLANS OR NOT IN THE LOCATION SHOWN ON THE PLANS.
5. CONSTRUCTION TO BE PER UNIFORM STANDARD SPECIFICATIONS AND DRAWINGS, CLARK COUNTY AREA, NEVADA.
6. TYPE V CEMENT TO BE USED IN ALL CONCRETE.
7. CONCRETE TO BE DESIGNED FOR 6.5 SACK MIX WITH A MAXIMUM WATER/CEMENT RATIO 0.45 (OR AS DESIGNED BY THE SOILS ENGINEER). MIX DESIGN TO BE APPROVED BY THE QUALITY CONTROL DIVISION PRIOR TO USE ON THIS PROJECT.

QUANTITY ESTIMATE

NO.	ITEM	AMOUNT
1	3" A.C. PAVING	— S.Y.
2	2" A.C. PAVING	2289 S.Y.
3	CONCRETE VALLEY GUTTER	227 S.F.
4	CURB AND GUTTER	409 L.F.
5	5' SIDEWALK	5600 S.F.
6	6' SIDEWALK	— S.F.
7	5' X 6" DRIVEWAY APPROACHES (COMMERCIAL)	130 S.F.
8	6' X 6" DRIVEWAY APPROACHES	— S.F.
9	ALLEY GUTTER	560 S.F.
10	REMOVE EX. CURB & GUTTER	146 L.F.

ENGINEER'S CERTIFICATE

I HEREBY CERTIFY THAT THESE PLANS AND/OR SPECIFICATIONS COMPLY WITH THE OBJECTIVES, MINIMUM PROPERTY STANDARDS AND NEIGHBORHOOD REQUIREMENTS AND REPRESENT THE BEST OF MY JUDGMENT.

CHARLEY R. JOHNSON RPE
NEVADA CERTIFICATE NO 3005
DATE 1/8/81

APPROVED

CLV CITY ENGINEER
DATE 2/17/81

CLV QUALITY CONTROL ENGINEER
DATE 2/13/81

51-4-36

REVISION BY DATE

CLV CHECK PRINT

DATE

CONSULTING ENGINEERS • PLANNERS
2209 Paradise Road • Las Vegas, Nevada 89104
(702) 735-0227

neveda

STREET IMPROVEMENT DETAILS

QUAIL PARK 2

PROJECT

WO NO. 2852

BY A. Volante

DATE 1-7-81

SCALE VARIES

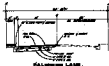
SHEET 1

OF 9 SHEETS

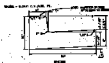
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TYPICAL VALLEY BUTTER DETAIL



TYPICAL 7.5" TYPE CURB & GUTTER DETAIL



TYPICAL DRIVEWAY DETAIL
(SEE SECTION 05110)



TYPICAL SIDEWALK DETAIL



BENCHMARK



GENERAL NOTES

1. ~~THESE ARE THE NAMES OF THE INDIVIDUALS WHOSE NAMES ARE ON THE~~
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QUANTITY ESTIMATE

NO	NAME	ADDRESS
1	P. A. L. BROWN	100 N. 1st St.
2	P. A. L. BROWN	100 N. 1st St.
3	WILLIAM L. BROWN	100 N. 1st St.
4	WILLIAM L. BROWN	100 N. 1st St.
5	P. A. L. BROWN	100 N. 1st St.
6	P. A. L. BROWN	100 N. 1st St.
7	P. A. L. BROWN	100 N. 1st St.
8	P. A. L. BROWN	100 N. 1st St.
9	P. A. L. BROWN	100 N. 1st St.
10	P. A. L. BROWN	100 N. 1st St.

EXERCISES: CONTINUED

DATA SOURCES AND DATA ANALYSIS



APPROVED