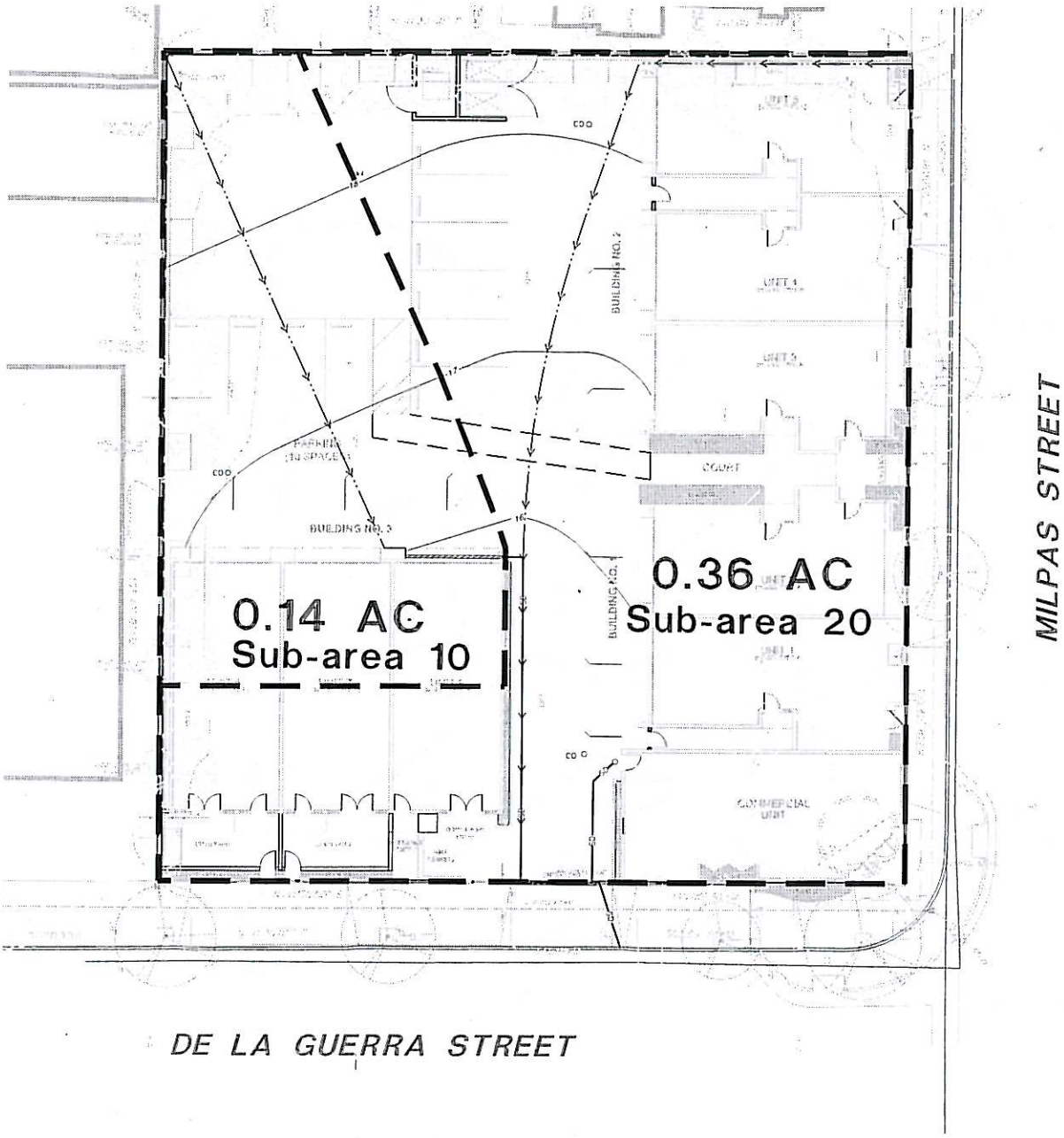


SCALE: 1" = 30'

30' 15' 0 30' 60'

GRAPHIC SCALE

HUITT-ZOLLARS
Huitt-Zollars, Inc. Westlake
2535 Townsgate Road
Suite 101
Westlake Village, California 91361
Phone (805) 418-1802 Fax (805) 418-1819

HYDROLOGY AREA EXHIBIT

EXHIBIT H

Santa Barbara County Flood Control and Water Conservation District

Program Rational - XL

User Data:

Project Name:	Milpas	**Project Number:**	19002001
Date of Run:	6/18/2007	**Run By:**	Randy Chapman
Notes:	Existing Conditions		

Input Data:

Location:	South Coast	Land Use Type:	Commercial
Area (Acres):	.499449035	Time of Concentration (Min.):	12

	Q10:	Q25:	Q50:	Q100:
Calculated Runnoff Coefficient:	0.73	0.76	0.79	0.80
User Selected Runoff Coefficient (Optional):				

Calculate

For Large Lot Subdivisions (>10,000 sq. ft.):

	Low Value:	High Value:	User Selected:
Q10:			
Q25:			
Q50:			
Q100:			

Enter Selection

Results:

	Rainfall Intensity:	Runoff Coef:	Q (cfs):
Q10:	2.61	0.73	1 (0.95)
Q25:	3.18	0.76	1 (1.21)
Q50:	3.68	0.79	1 (1.45)
Q100:	4.03	0.80	2 (1.61)

View RI Curves

View RC Curves

Print

Exit

Santa Barbara County Flood Control and Water Conservation District

Program Rational - XL

User Data:

Project Name:	Milpas	**Project Number:**	19002001
Date of Run:	6/18/2007	**Run By:**	Randy Chapman
Notes:	Proposed Conditions		

Input Data:

Location:	South Coast	Land Use Type:	Condo - Apartments
Area (Acres):	.499449035	Time of Concentration (Min.):	12

	Q10:	Q25:	Q50:	Q100:
Calculated Runnoff Coefficient:	0.70	0.74	0.77	0.79
User Selected Runoff Coefficient (Optional):				

Calculate

For Large Lot Subdivisions (>10,000 sq. ft.):

	Low Value:	High Value:	User Selected:
Q10:			
Q25:			
Q50:			
Q100:			

Enter Selection

Results:

	Rainfall Intensity:	Runoff Coef:	Q (cfs):
Q10:	2.61	0.70	1 (0.92)
Q25:	3.18	0.74	1 (1.18)
Q50:	3.68	0.77	1 (1.42)
Q100:	4.03	0.79	2 (1.59)

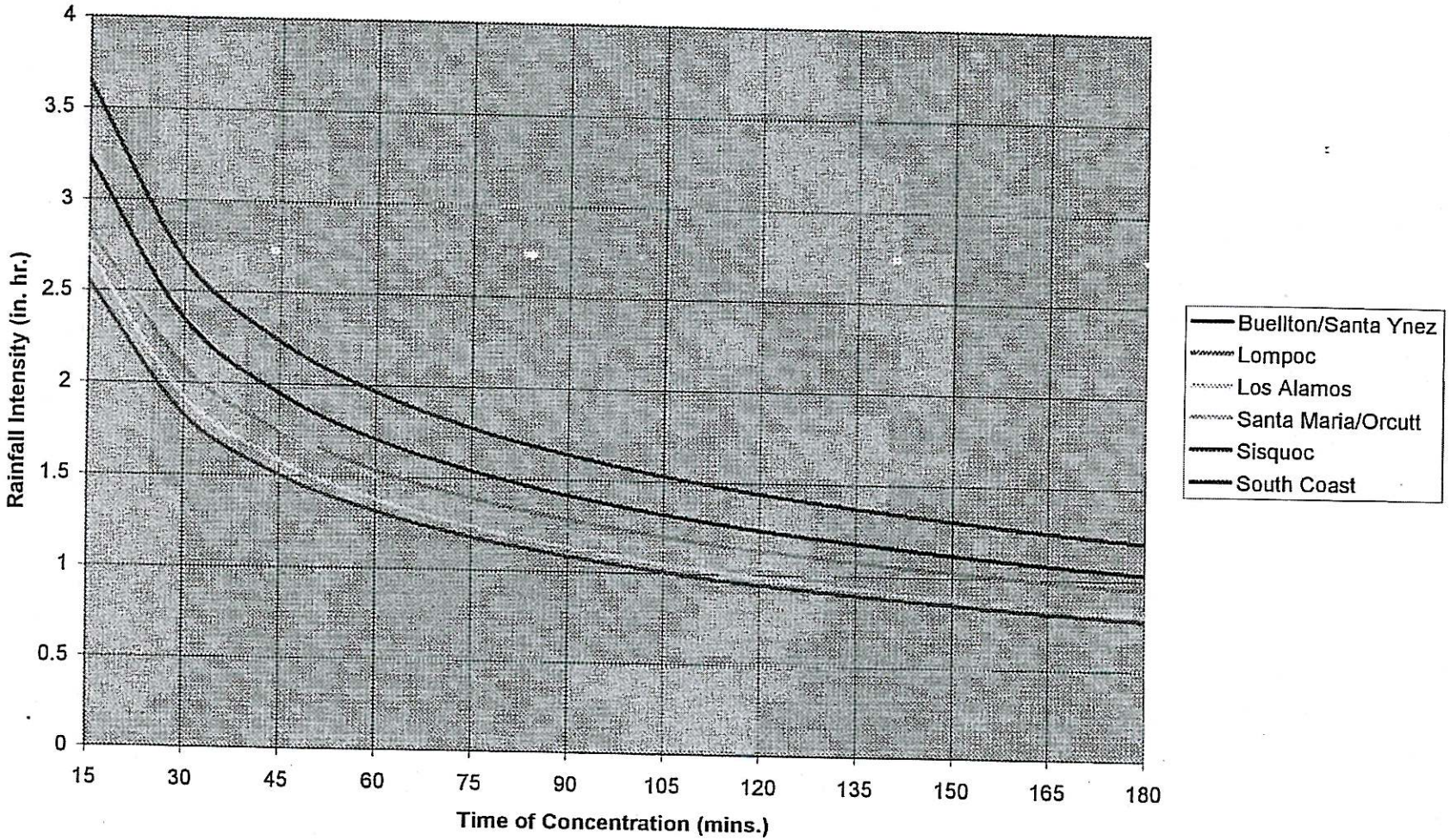
View RI Curves

View RC Curves

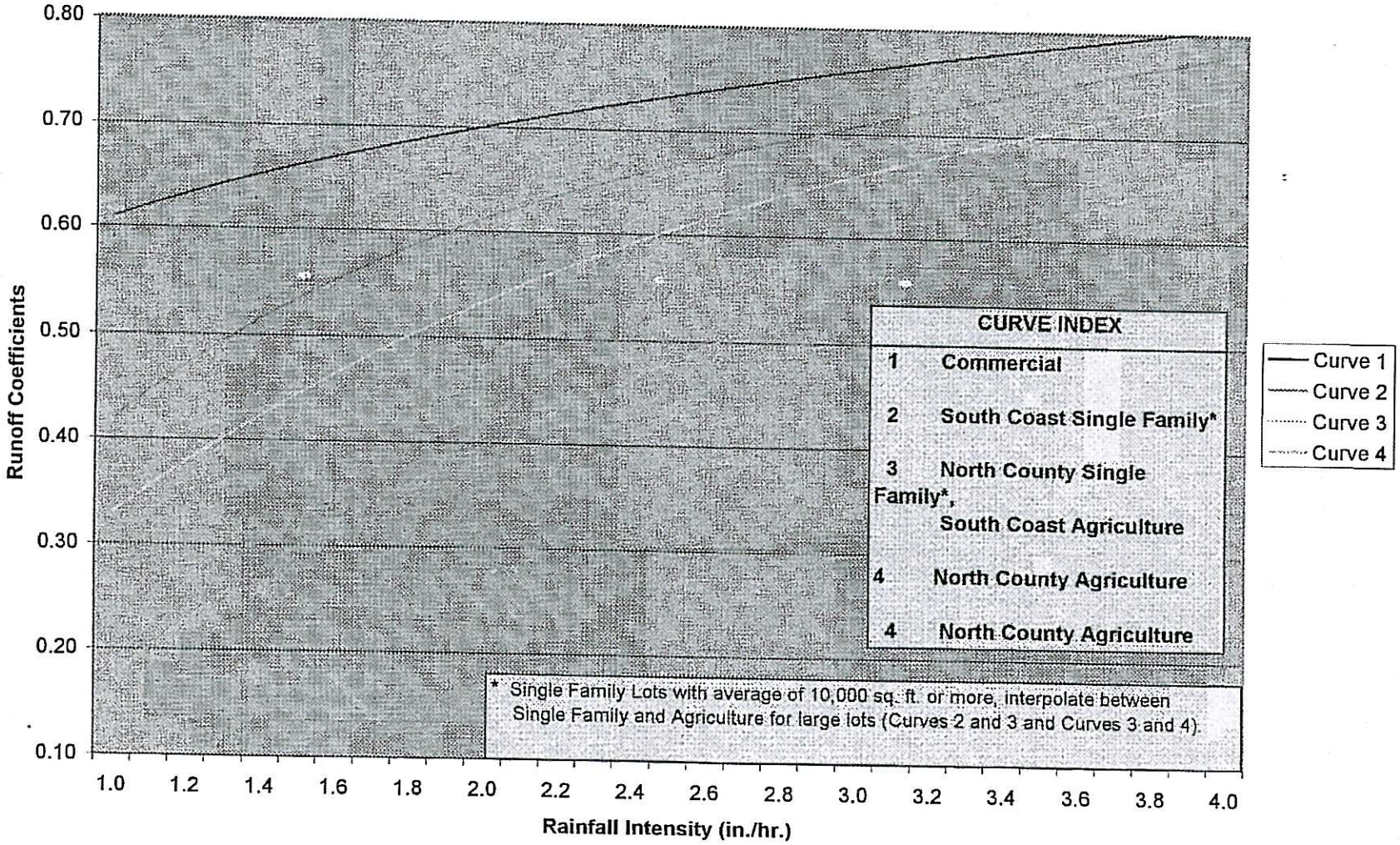
Print

Exit

Rainfall Intensity-Duration Curves
100 Year Frequency



Runoff Coefficients vs. Rainfall Intensity



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