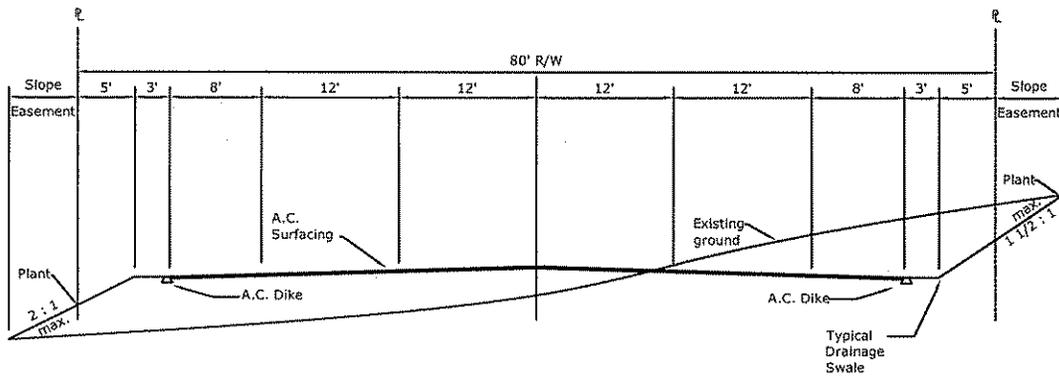


3 Where average single family residential lot frontage of any unit of a subdivision exceeds 100', concrete sidewalk may be eliminated from one side, but concrete driveways shall be retained; where average residential lot frontage exceeds 125', asphalt concrete dike may be used on one side in lieu of concrete curbs and gutters, but concrete driveways shall be retained.

SECTION AT RESIDENTIAL LOTS



SECTION AT NON-RESIDENTIAL FRONTAGE
(Minimum Length = 300')

Scale: 1" = 200'

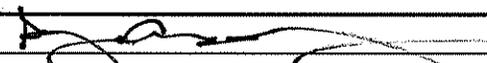
CITY OF MILPITAS, ENGINEERING DIVISION

STANDARD DRAWING
NO. 403

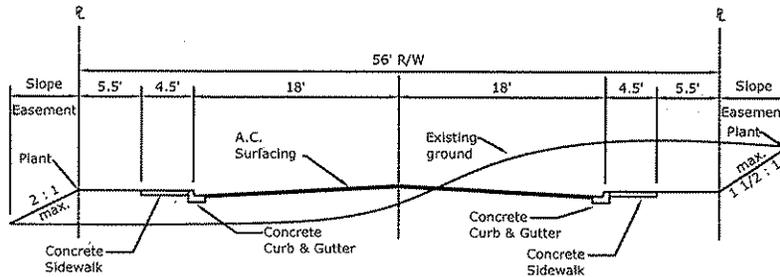
REVISION	DATE
1	1978
2	2001
3	2010

TYPICAL HILLSIDE STREET
(MAJOR)

DATE : 6/15/10

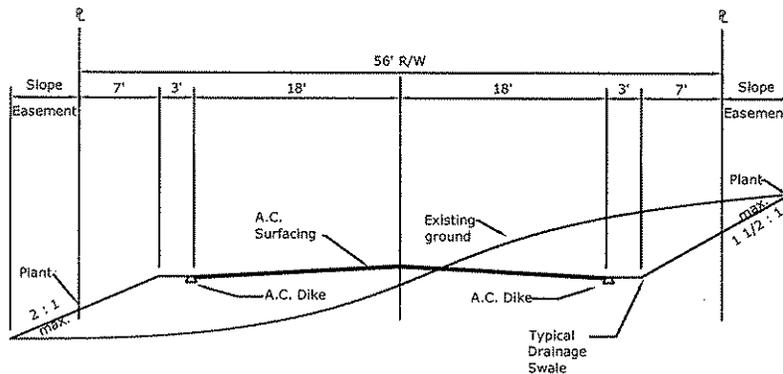
APPROVED BY: 
PUBLIC WORKS DIRECTOR / CITY ENGINEER RCE No. 40283

SHEET 1 OF 4



Where average residential lot frontage of any unit of a subdivision exceeds 100' but is less than 125', concrete sidewalk may be eliminated from one side, but concrete driveways shall be retained; where average residential lot frontage exceeds 125' but is less than 150', asphalt concrete dike may be used in lieu of concrete driveways; where average residential lot frontage exceeds 150', all curbs, gutters and sidewalks and asphalt paving on parking lanes may be eliminated but parking lanes shall be constructed of rock base with oil and screenings surfacing, and asphalt concrete dikes and driveways shall be retained.

SECTION AT RESIDENTIAL LOTS



SECTION AT NON-RESIDENTIAL FRONTAGE
(Minimum Length = 200')

Scale: 1" = 200'

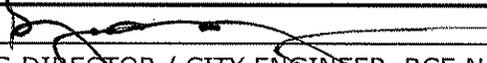
CITY OF MILPITAS, ENGINEERING DIVISION

STANDARD DRAWING
NO. 403

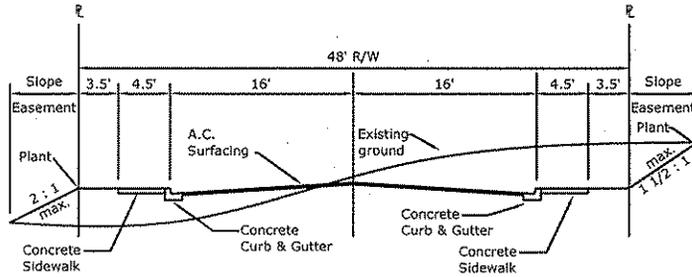
TYPICAL HILLSIDE STREET
(COLLECTOR)

DATE : 6/15/10

REVISION	DATE
①	1978
②	2001
③	2010

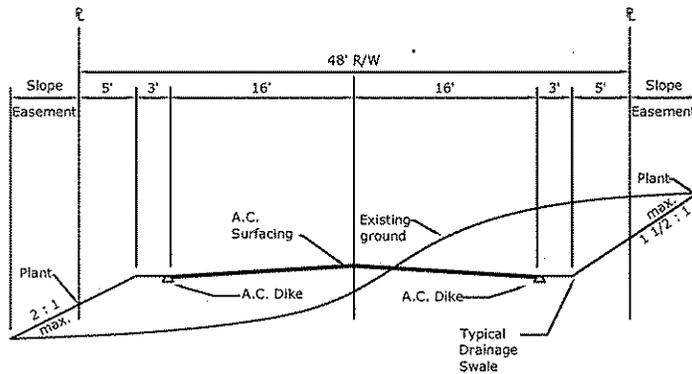
APPROVED BY: 
PUBLIC WORKS DIRECTOR / CITY ENGINEER RCE No. 40283

SHEET 2 OF 4



Where average residential lot frontage of any unit of a subdivision exceeds 100' but is less than 125', concrete sidewalk may be eliminated from one side, but concrete driveways shall be retained; where average residential lot frontage exceeds 125' but is less than 150', asphalt concrete dike may be used in lieu of concrete driveways; where average residential lot frontage exceeds 150', all curbs, gutters and sidewalks and asphalt paving on parking lanes may be eliminated but parking lanes shall be constructed of rock base with oil and screenings surfacing, and asphalt concrete dikes and driveways shall be retained.

SECTION AT RESIDENTIAL LOTS



SECTION AT NON-RESIDENTIAL FRONTAGE
(Minimum Length = 100')

Scale: 1" = 200'

CITY OF MILPITAS, ENGINEERING DIVISION

STANDARD DRAWING

TYPICAL HILLSIDE STREETS
(LOCAL)

NO. 403

REVISION

DATE

1

1978

2

2001

3

2010

3

APPROVED BY:

PUBLIC WORKS DIRECTOR / CITY ENGINEER RGE No. 40283

DATE : 6/15/10

SHEET 3 OF 4

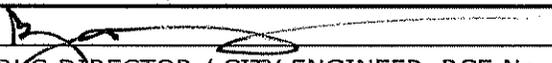
GRADIENT DESIGN

CLASSIFICATION	MAJOR			COLLECTOR			LOCAL			CUL-DE-SAC		
	SUSTAINED	SHORT	REVERSE	SUSTAINED	SHORT	REVERSE	SUSTAINED	SHORT	REVERSE	SUSTAINED	SHORT	REVERSE
MAXIMUM GRADIENT(%)	7	8	9	15	16	17	15	16	17	16	17	18

1. Sustained Gradient: The gradient of a street continued for an indefinite length.
2. Short Gradient: The gradient of a street continued for a maximum length of 500'.
3. Reverse Gradient: The maximum gradient of a street at the point at which a sag vertical curve becomes tangent with a crest vertical curve.
4. The minimum gradient on any street shall be 0.3%.
5. Changes in gradients, which exceed 0.5%, shall be accomplished by the use of a vertical curve.

GENERAL NOTES

1. Street trees shall be planted at approximately 50' intervals at residential lots.
2. Street lighting shall be the same as flatland standards where average frontage in any unit of a subdivision is 150' or less; where average frontage exceeds 150', street lighting shall include only street intersections and safety lighting as determined by the City Engineer.
3. All drainage facilities including typical drainage swales shown, shall be subject to approval of design and be as shown on plans approved by the City Engineer.
4. AC dike per CalTrans Standard.

CITY OF MILPITAS, ENGINEERING DIVISION			STANDARD DRAWING NO. 403
REVISION	DATE	TYPICAL HILLSIDE STREETS (GRADIENT & FACILITIES DESIGN)	
1	1978		APPROVED BY:  PUBLIC WORKS DIRECTOR / CITY ENGINEER RCE No. 40283
2	2001		
3	2010		
			DATE : 6/15/10
			SHEET 4 OF 4