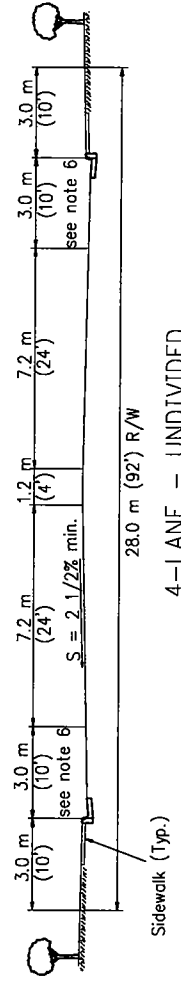
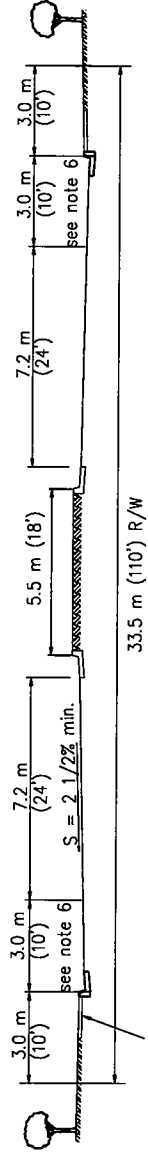




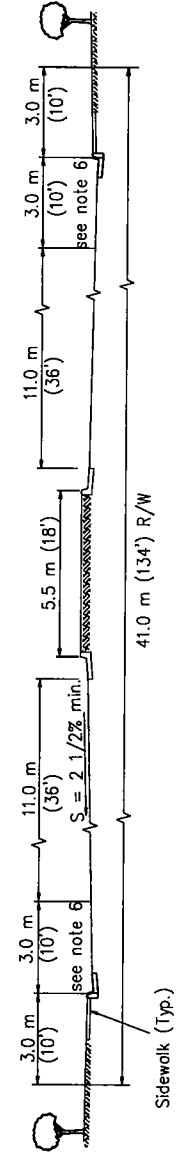
TYPICAL  
ROAD SECTIONS



4-LANE — UNDIVIDED



4-LANE — DIVIDED



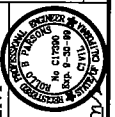
6-LANE — DIVIDED

NOTES

1. Refer to other standard details for border area layout, curb, gutter, sidewalk, street lights, and utility locations.
2. Crown slope (S) as specified or approved by Road Commissioner.
3. Structural Section: Design approved by Road Commissioner based on developer-furnished T.I. & R-value, or structural section shall be supplied by Road Commissioner.
4. All arterials are listed in the County Road Book.
5. Side-walk may be required in border area adjacent to property line.
6. Bike/Traffic lane = 4.8 m (16') when required by Road Commissioner.
7. Border street trees and landscaping to be placed outside of R/W unless approved by the Road Commissioner.
8. See note A.5 in Notes section (page 1).

METRIC (& ENGLISH) UNITS

STANDARD DETAILS  
ARTERIAL ROADS  
TYPICAL SECTIONS



SANTA CLARA COUNTY ROADS AND AIRPORTS DEPARTMENT

REVISIONS  
NO. BY DATE APPD

APPROVED: [Signature]  
DATE: 9/26/97

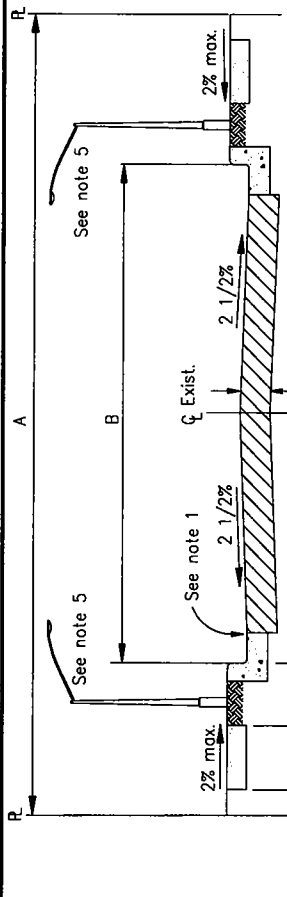
SUBMITTED: [Signature]  
DATE: 9/26/97

WORK ORDER NO. [Blank]  
LEVEL BOOK [Blank]  
THREAT BOOK [Blank]

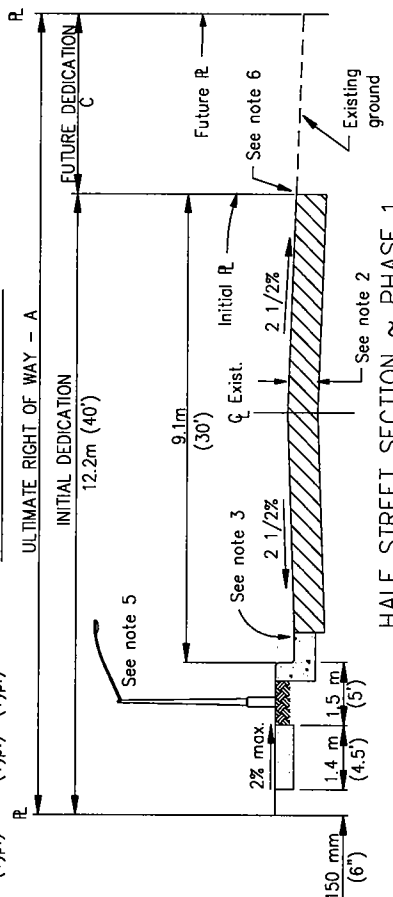
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LRE 09/26/97  
VAP/TH 9/26/97

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SHEET NO. [Blank]

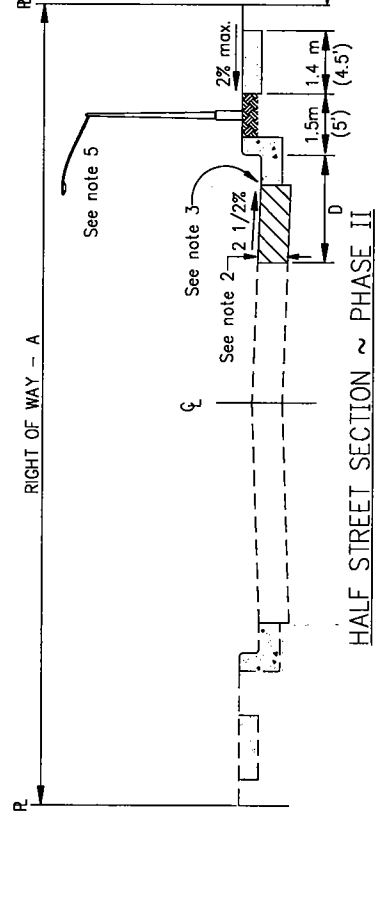




**FULL STREET SECTION**



**HALF STREET SECTION ~ PHASE 1**



**HALF STREET SECTION ~ PHASE II**

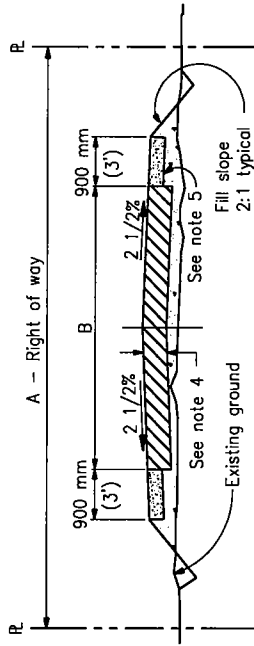
ROAD TYPE	A	B	C	D
MINOR	18.3 m (60')	12.2 m (40')	6.1 m (20')	3 m (10')
CUL-DE-SAC (See note 4)	17.1 m (56')	11 m (36')	4.9 m (16')	1.8 m (6')

**NOTES**

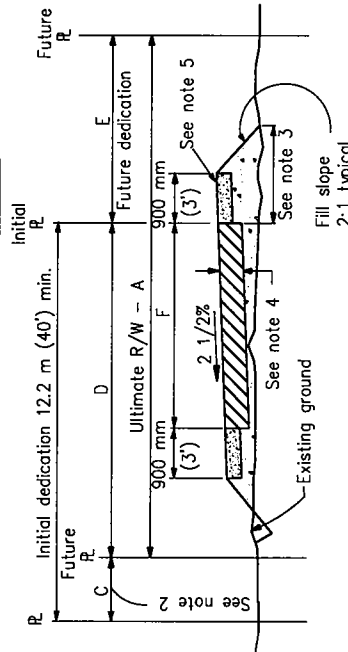
1. Definition: Minor streets are used primarily for direct access to residential, commercial and industrial property. They carry little or no through traffic. All existing minor streets are listed in the Official County Road Book.
2. Structural section: Design approved by Road Commissioner, based on developer-furnished T<sub>n</sub> and R<sub>n</sub>-value, or structural section shall be supplied by Road Commissioner. In no case shall the structural section be less than 100 mm (4") AC on 100 mm (4") Cl. 3 AB or 150 mm (6") deep strength AC. Cl. 1 A.S.B. may be substituted for Cl. 3 AB.
3. Finished pavement 6 mm (1/4") above lip of gutter.
4. 17.1 m (56') foot right-of-way allowed for single family residential cul-de-sac only.
5. Refer to other standard details for border area layout, curb, gutter, sidewalk, street lights, and utility locations and street widening.
6. Header per detail "A", sheet B/17 when specified by Road Commissioner.
7. No structural design required for cul-de-sacs and loop streets of 20 lots or less. Use 100 mm (4") AC on 100 mm (4") Cl. 3 AB, or 100 mm (4") AC on Cl. 1 A.S.B.

METRIC (& ENGLISH) UNITS

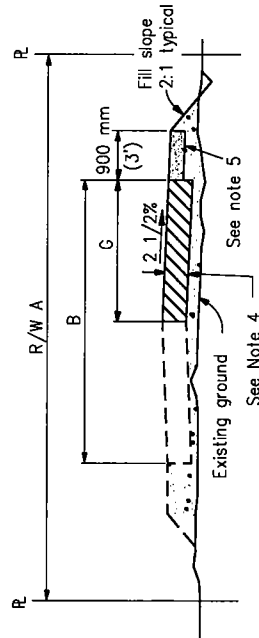
NO.	BY	DATE	APP'D	REVISIONS
<b>SANTA CLARA COUNTY ROADS AND AIRPORTS DEPARTMENT</b>				
VAP 9/8/97 RND 9/8/97 VAP/TH 9/23/97				
APPROVED: <i>Robb Larson</i> CIVIL ENGINEER No. 07000 Exp. 8-30-99				
PROJECT NO. _____ CONTRACT NO. _____				
<b>STANDARD DETAILS</b> <b>MINOR STREETS IN URBAN AREA</b> <b>TYPICAL SECTIONS</b>				
				SHEET NO. <b>A</b> OF <b>3</b>
				FILE NO. _____



FULL STREET SECTION



HALF STREET SECTION - PHASE 1



HALF STREET SECTION - PHASE II

ROAD TYPE	A	B	C	D	E	F	G
ARTERIAL	NOTE 6 18.3 m (60')	NOTE 7 9.7 m (32')	NOTE 8 1.8 m (6')	NOTE 8 10.3 m (34')	NOTE 8 7.9 m (26')	NOTE 7 6.1 m (20')	NOTE 8 3.6 m (12')
MINOR	NOTE 6 17 m (56')	NOTE 7 7.3 m (24')	NOTE 8 1.8 m (6')	NOTE 8 10.3 m (34')	NOTE 8 6.7 m (22')	NOTE 7 5.5 m (18')	NOTE 8 1.8 m (6')
CUL-DE-SAC MORE THAN 6 LOTS	NOTE 6 17 m (56')	NOTE 7 7.3 m (24')	NOTE 8 1.2 m (4')	NOTE 8 11 m (36')	NOTE 8 6.1 m (20')	NOTE 7 5.5 m (18')	NOTE 8 600 mm (2')
CUL-DE-SAC 6 LOTS OR LESS	NOTE 6 17 m (56')	NOTE 7 7.3 m (24')	NOTE 8 1.2 m (4')	NOTE 8 11 m (36')	NOTE 8 6.1 m (20')	NOTE 7 5.5 m (18')	NOTE 8 600 mm (2')

NOTES

- Streets shall be developed as full street sections or half street sections as approved by the Road Commissioner.
- When a half street is developed, the initial dedication shall be 12.2 m (40') min. & include the portion of right-of-way shown as "C" to be abandoned after construction of phase II.
- Provide slope easement as required.
- Structural section: Design approved by Road Commissioner based on developer-furnished T<sub>1</sub> & R-value, or structural section shall be supplied by Road Commissioner. In no case shall the structural section be less than 64 mm (2 1/2") AC on 150 mm (6") Cl. 3 AB or 150 mm (6") deep strength AC.
- Shoulder shall conform to 150 mm (6") Cl. 3 AB, compacted, or 150 mm (6") Cl. 2 A.S.B. compacted.
- See future width lines of arterials for ultimate right-of-way width.
- See future width line study for improvement policy.
- To be determined by Road Commissioner at time of development based on notes 6 & 7.
- No structural design required for Cul-de-sacs and loop streets of 20 lots or less. Use 64 mm (2 1/2") AC on 150 mm (6") Cl. 1 A.S.B.
- See note A.5 in Notes section (page 1).

METRIC (& ENGLISH) UNITS

STANDARD DETAILS  
MINOR STREETS IN RURAL AREA  
TYPICAL SECTIONS



SANTA CLARA COUNTY ROADS AND AIRPORTS DEPARTMENT

APPROVED: 9/4/97  
SUBMITTED: 9/4/97  
VAP  
RECORD LRE  
DATE: 9/22/97



BY: DATE: APPROVED: REVISIONS:

FIG. NO.

PROJECT NO.

DATE

SCALE

PROJECT NO.

DATE

SCALE

PROJECT NO.

DATE

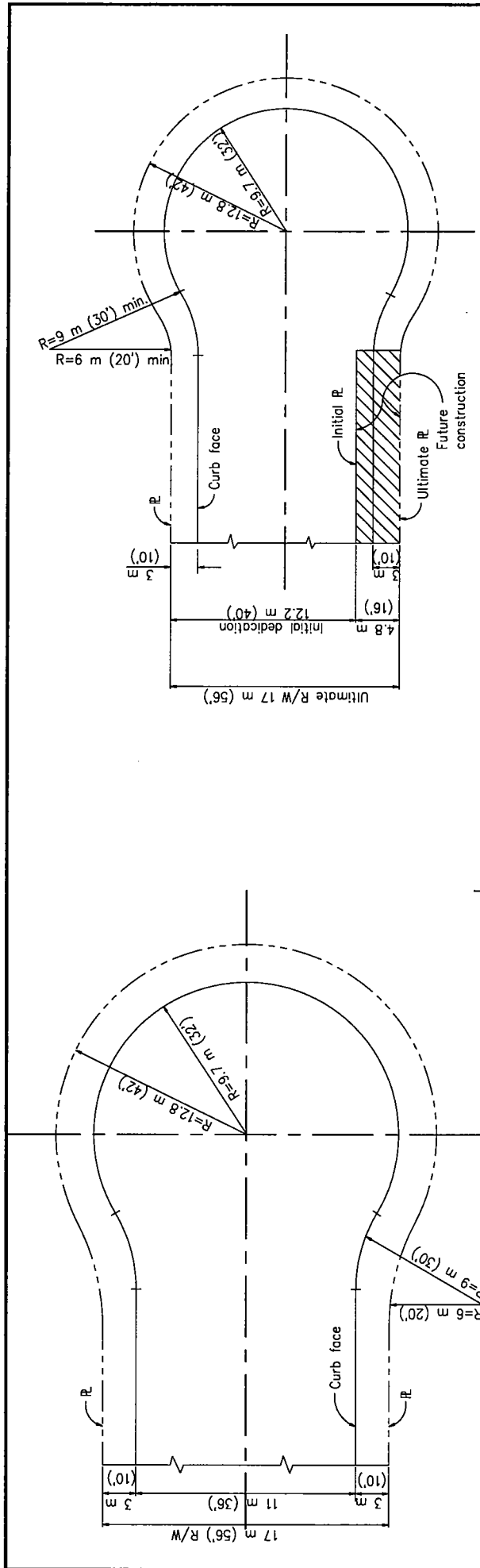
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PROJECT NO.

DATE

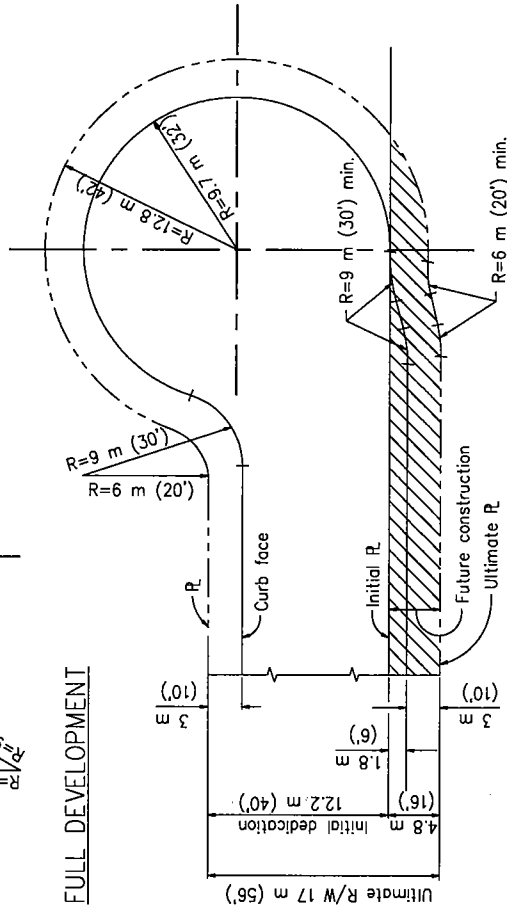
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PHASE DEVELOPMENT CENTERED

FULL DEVELOPMENT



NOTES:

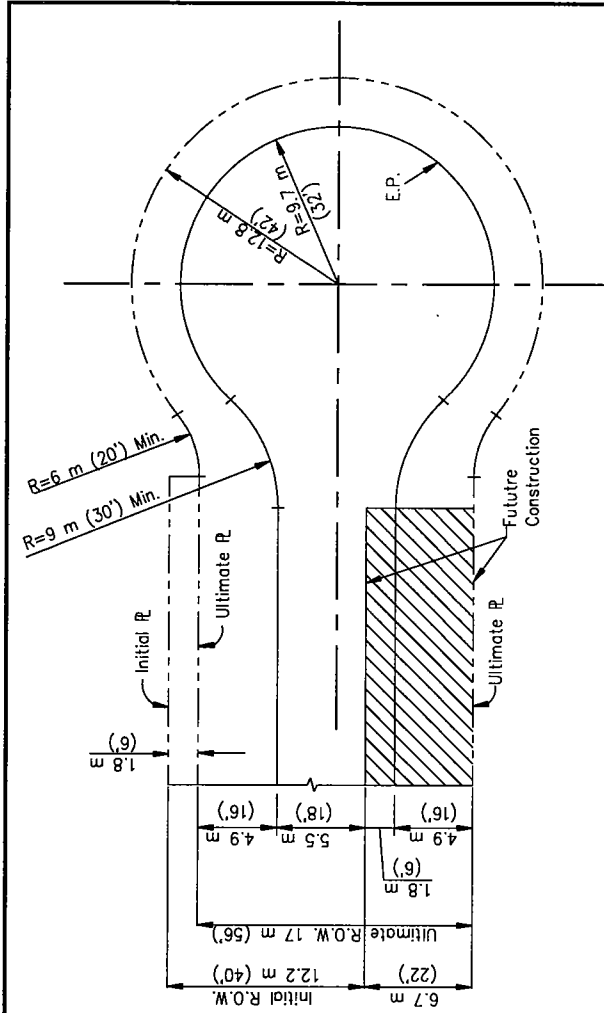
1. See minor streets in urban areas typical sections for other details.
2. Maximum length for cul-de-sacs is 250 m (800 feet).
3. Cross slope within turn around area shall be 5% or less.
4. For right-of-way widths serving multiple dwellings, see detail A/2, Cul-de-sac.

PHASE DEVELOPMENT OFFSET

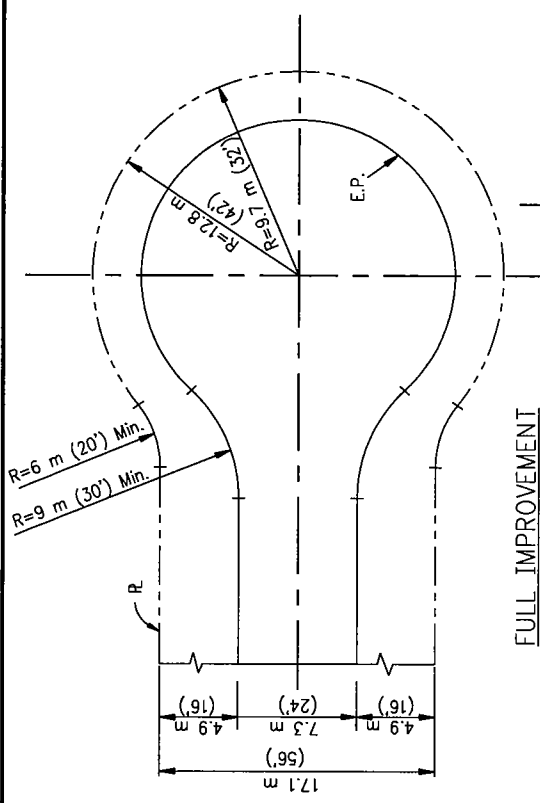
METRIC (& ENGLISH) UNITS

NO.	BY	DATE	APPROVED	REVISIONS		SANTA CLARA COUNTY ROADS AND AIRPORTS DEPARTMENT APPROVAL: <i>[Signature]</i> No. C1700 Exp. 8-30-99 COUNTY ENGINEER	STANDARD DETAILS URBAN CUL-DE-SACS TYPICAL PLAN VIEWS	DRAWING NO. <b>A 5</b>
								SHEET NO. <b>1</b> OF <b>1</b>
				CONTRACT NO.	FILE NO.			

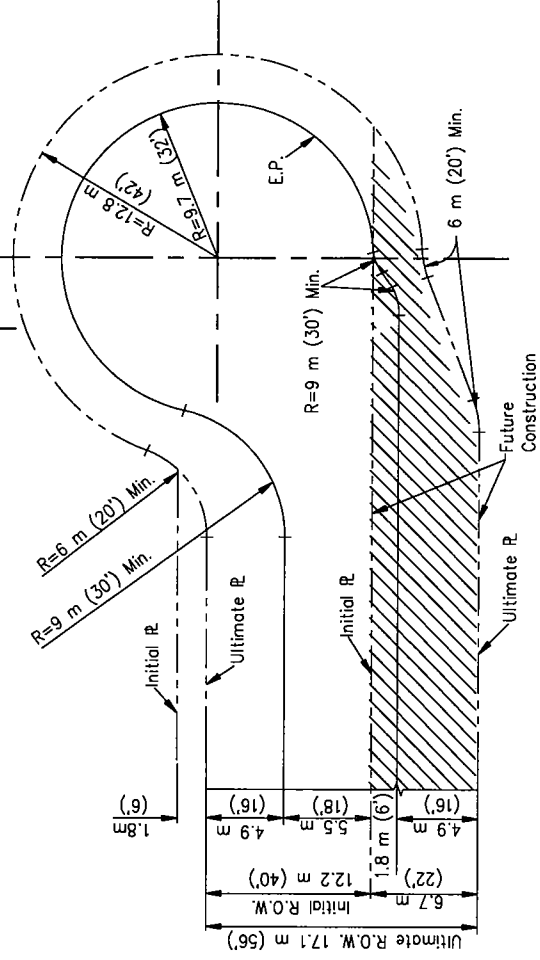




PHASE DEVELOPMENT - CENTERED



FULL IMPROVEMENT



PHASE DEVELOPMENT - OFFSEI

NOTES:

1. See Detail A/4 for other details.
2. Maximum length for cul-de-sacs is 250 m (800').
3. Cross slope within turn around area shall be 5% or less.
4. For right of way widths serving multiple dwellings, see Detail A/2.

METRIC (& ENGLISH) UNITS

STANDARD DETAILS  
RURAL CUL-DE-SAC TYPICAL PLAN VIEWS  
MORE THAN 6 LOTS

PROJECT NO. \_\_\_\_\_ CONTRACT NO. \_\_\_\_\_

DATE: 9/24/97

BY: \_\_\_\_\_ DATE: \_\_\_\_\_

NO. \_\_\_\_\_

SANTA CLARA COUNTY ROADS AND AIRPORTS DEPARTMENT

APPROVED: \_\_\_\_\_

DATE: 9/24/97

BY: \_\_\_\_\_

DATE: 9/24/97

PROJECT NO. \_\_\_\_\_ CONTRACT NO. \_\_\_\_\_

THE COUNTY OF SANTA CLARA

APPROVED: \_\_\_\_\_

DATE: 9/24/97

BY: \_\_\_\_\_

DATE: 9/24/97

REVISIONS

NO.	DATE	APPROVED

VAP 09/24/97  
RECORDED RN 09/24/97  
VAP/TH 9/24/97

DATE: 9/24/97

BY: \_\_\_\_\_

DATE: 9/24/97

THE COUNTY OF SANTA CLARA

APPROVED: \_\_\_\_\_

DATE: 9/24/97

BY: \_\_\_\_\_

DATE: 9/24/97

SANTA CLARA COUNTY ROADS AND AIRPORTS DEPARTMENT

APPROVED: \_\_\_\_\_

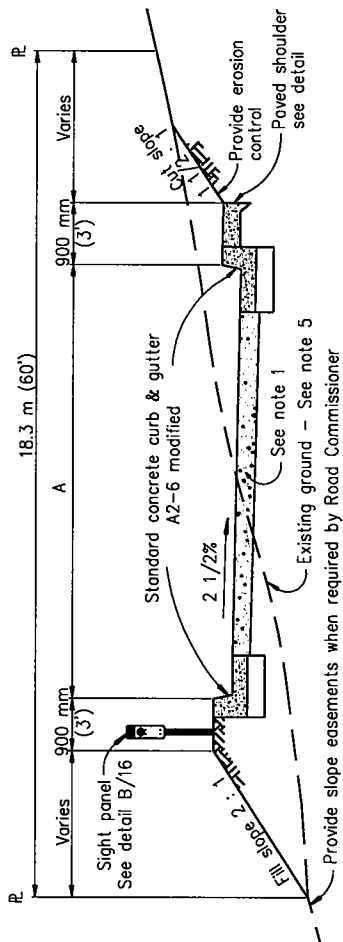
DATE: 9/24/97

BY: \_\_\_\_\_

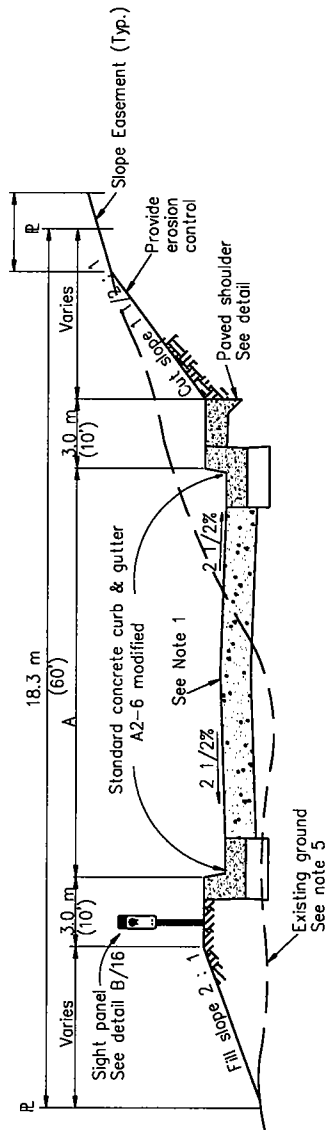
DATE: 9/24/97

REVISIONS

NO.	DATE	APPROVED



DETAIL OF AC PAVED SHOULDER AND SUBDRAIN



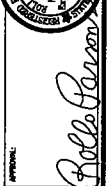
NOTES

1. Refer to other standard details for structural section, sight panel, curb and gutter.
2. Install perforated metal pipe and pervious back fill material except when solid rock exists or as required by Road Commissioner. Installation shall conform to Chapter 840, subsurface drainage, State Highway Design Manual, or its latest revision.
3. On cut slopes in hillside areas install 50 mm (2") A.C. on approved compacted material or undisturbed earth.
4. Existing ground shall be prepared in accord with Chapter III, Articles 5, Design Standards, County Land Development Regulations or its latest revision.

TYPE	A
ONE-WAY STREETS	4.3 m (14')
CUL-DE-SACS - 6 LOTS OR LESS MAX. POTENTIAL	6.1 m (20')
CUL-DE-SACS & MINOR STREETS SERVING MORE THAN 6 LOTS	7.3 m (24')
COLLECTOR STREETS	9.1 m (30')

METRIC (& ENGLISH) UNITS

STANDARD DETAILS  
HILLSIDE ROADS  
TYPICAL SECTIONS



APPROVED: *Robb Farver*

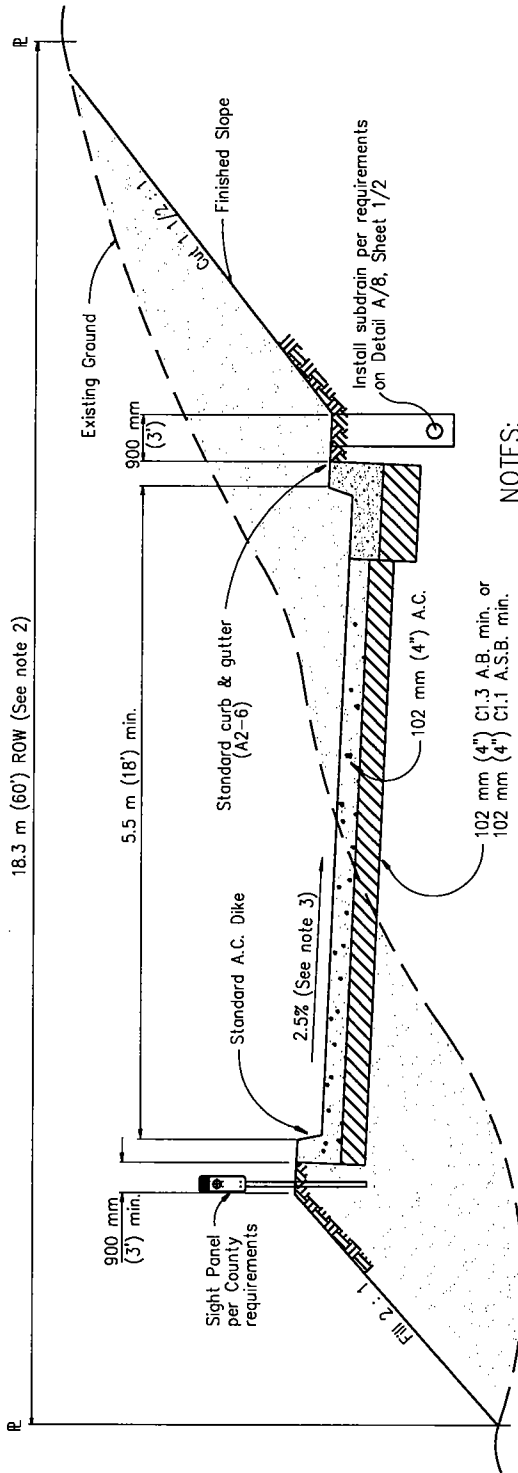
SANTA CLARA COUNTY ROADS AND AIRPORTS DEPARTMENT  
SUBMITTED: *Robb Farver*

VAP 09/24/97  
DATE  
LRE 09/24/97  
DATE  
VAYTH 9/24/97  
DATE



NO.	REVISIONS	BY	DATE	APPROVED

PROJECT NO. \_\_\_\_\_  
SHEET NO. 1 OF 2



**NOTES:**

1. This roadway section to be applied to roadways with the following characteristics:
  - a. At locations where development exists.
  - b. A 10-year future A.D.T. projection is less than 400.
  - c. Required cuts and fills are greater than 2.4 m (8') when a 7.3 m (24') curb to curb width is used.
2. Provide slope easements if required.
3. Roadway may be center crowned if curb and gutter installed in lieu of A.C. dike.
4. Standard does not provide for on street parking.
5. For additional information see "Third Report on Blackberry Hill Road Area Roadways" dated Jan. 6, 1978 as approved by the Board of Supervisors on Jan. 16, 1978.
6. Provide erosion control per County Land Development Regulations.
7. Turnouts will be required every 90 m (300').

**TYPICAL SECTION**

No Scale

METRIC (& ENGLISH) UNITS

VAP RECORDED LRE DATE 09/04/97 09/04/97 VAP/TH 9/12/97	SUBMITTED DATE 09/04/97	REVIEWED DATE 09/04/97	CHECKED DATE 09/04/97	APPROVED DATE 09/12/97	PROJECT NO.	CONTRACT NO.	SHEET NO.
SANTA CLARA COUNTY ROADS AND AIRPORTS DEPARTMENT				STANDARD DETAILS HILLSIDE ROADS TYPICAL SECTION			
COUNTY OF SANTA CLARA				METRIC (& ENGLISH) UNITS			