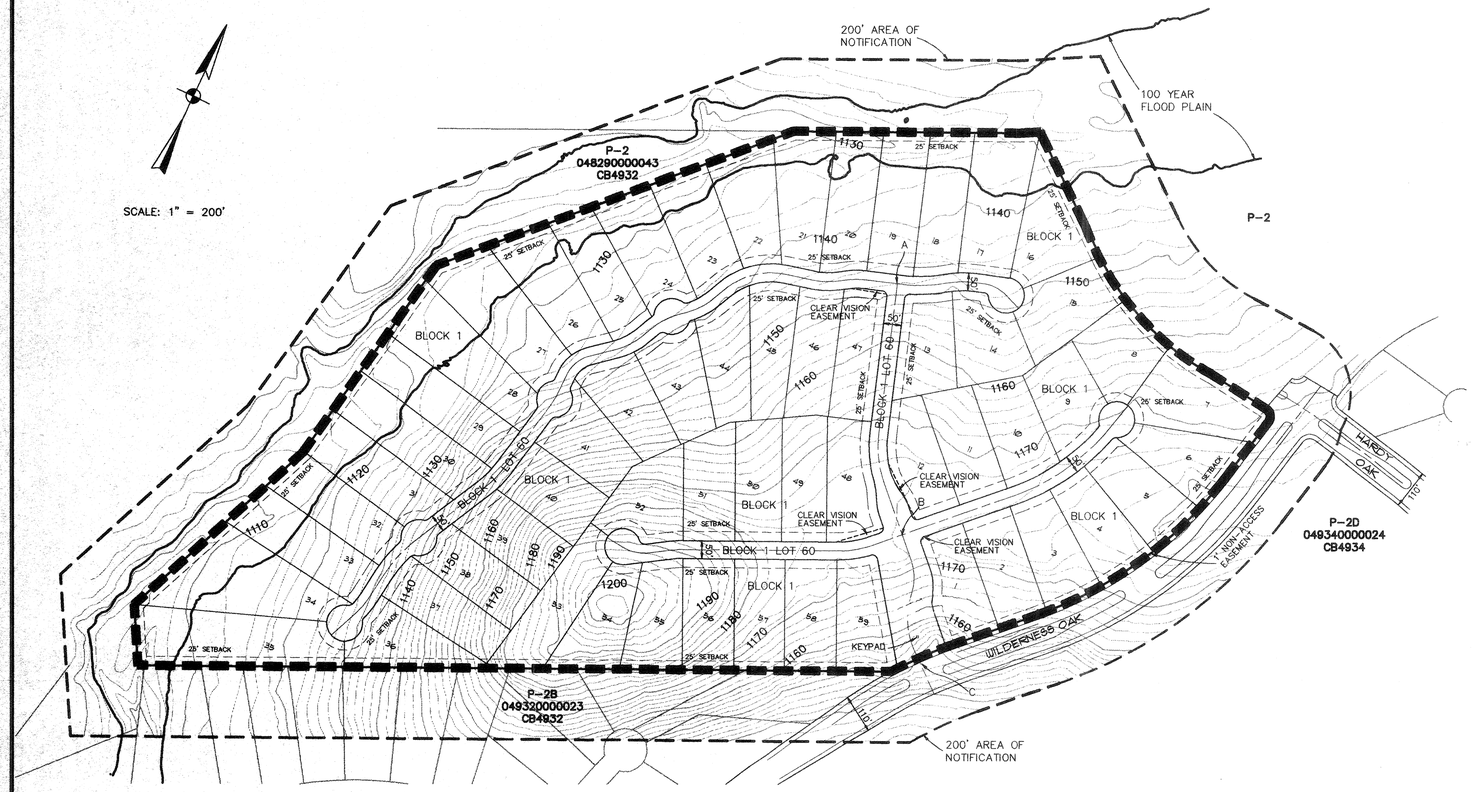
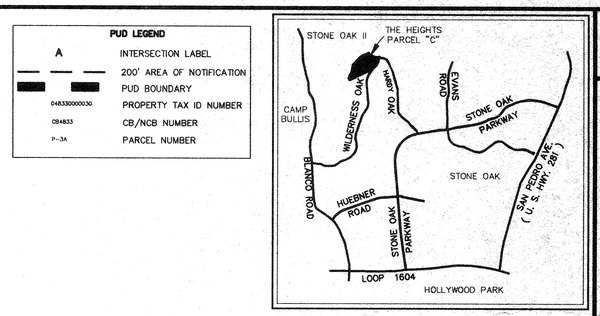
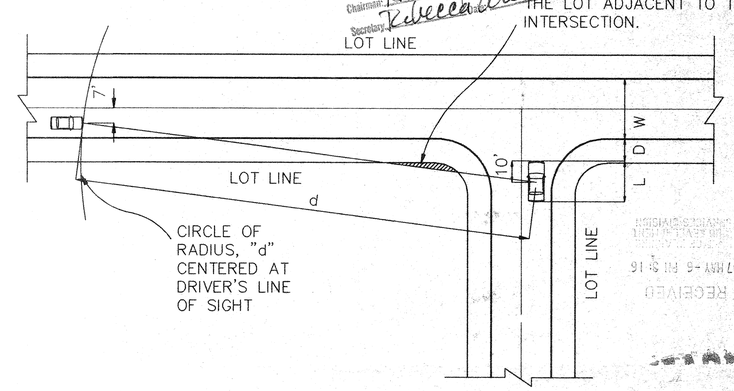




LOCATION MAP

APPROVED
PLANNED UNIT DEVELOPMENT
Planning Commission
City of San Antonio
Chairman: 5-28-97
Secretary: Rebecca Waldman



TYPICAL INTERSECTION

CLEAR VISION CALCULATIONS

From page 746 of **AASHTO**,

$$d = 1.47 * V * (J + t_a)$$

Where:

- d = Sight distance (ft)
- V = Design speed of roadway (mph)
- J = Sum of perception time and vehicle actuation time (sec)
- t_a = Time required to accelerate and traverse distance "S" determined below (sec)

$$S = D + W + L$$

Where:

- D = Distance from edge of pavement to front of stopped vehicle (ft)
- W = Pavement width along path of crossing vehicle (ft)
- L = Overall length of vehicle (ft)

With the distance "S" calculated, t_a may be determined from Figure IX-33 located on page 748 of **AASHTO**. It is determined with graphical methods from the "P" curve of this graph. This curve represents a typical passenger vehicle.

Assumptions:

- The controlling case will be the traffic crossing maneuver.
- V = 30 m.p.h.
- J = 2.0 sec
- L = 19 ft

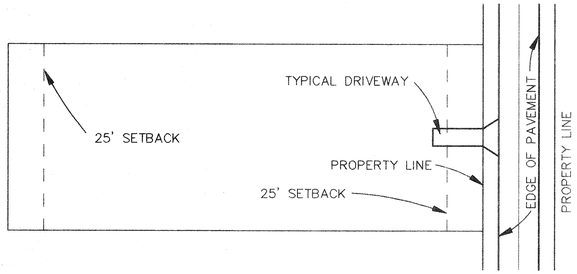
INTERSECTION	D (ft)	W (ft)	L (ft)	S (ft)	ta (sec)	d (ft)
A	10	14	19	43	4.1	269.01
B, CASE 1	10	16	19	45	4.2	273.42
B, CASE 2	10	14	19	43	4.1	269.01
C, CASE 1	10	12	19	41	4.0	264.60
C, CASE 2	10	64	19	93	6.1	357.21

TABLE A		
YARD REQUIREMENTS		DISTANCE
1.	FRONT YARD SETBACK	25'
2.	SIDEYARD SETBACK ALL LOTS	10'
3.	REAR YARD SETBACK ALL LOTS	25'

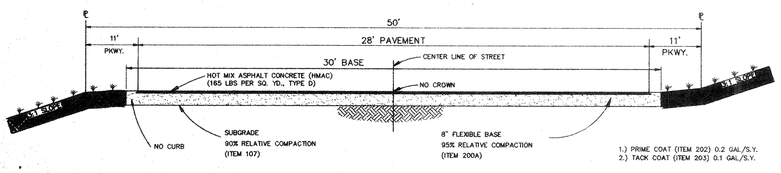
TABLE B		TOTAL AREA (AC)
AREA COMPUTATIONS AND RATIOS		
1.	GROSS SITE AREA	73.693
	LESS	
	A. TOTAL STREET RIGHT OF WAY	6.854
	B. TOTAL DRIVEWAYS (DRIVEWAYS @ 500 SF EACH LOT)	0.677
	C. TOTAL STRUCTURE COVERAGE (HOMES @ 2500 SF EACH LOT)	3.386
2.	TOTAL OPEN SPACE	62.775
3.	OPEN SPACE RATIO	85.2%

TABLE C	
DENSITY TABLE	
AREA OF PUD (AC)	73.693
DWELLING UNITS (EA)	59
DENSITY (UNITS/ACRE)	0.8

GATE DETAIL	
# OF GATES	2
TYPE OF GATE	SWINGING
MAX. CAPACITY CARS/HR.	60
MANNED/MECHANICAL	MECHANICAL
TURN AROUND RADIUS	21'
# OF LANES INTO UNIT	2
LANE WIDTH	14'
# CARS/LANE	9



TYPICAL LOT DETAIL



TYPICAL SECTION 50' ROADWAY

NOT TO SCALE

JOB No. 96726

HALLENBERGER ENGINEERING
ENGINEERS
PLANNERS
SURVEYORS
11322 SIR WINSTON (210) 349-6571
SAN ANTONIO, TEXAS 78216

DATE: JAN 23, 1997
DESIGNED BY: F.J.M.
DRAWN BY: J.E.M.
CHECKED BY: F.J.M.
SCALE: 1" = 50'
FILE NAME: 6726PUD.DWG
SUPPORT: P\96726

97-011

REVISIONS

NO.	DATE	DESCRIPTION	BY

THE OVERLOOK P.U.D.
(a.k.a. THE HEIGHTS AT STONE OAK II PARCEL "E" P.U.D.)
97-011
PUD PLAN

PLAN SHEET

SHEET 01 OF ___

DATE APPROVED: _____

#97-011