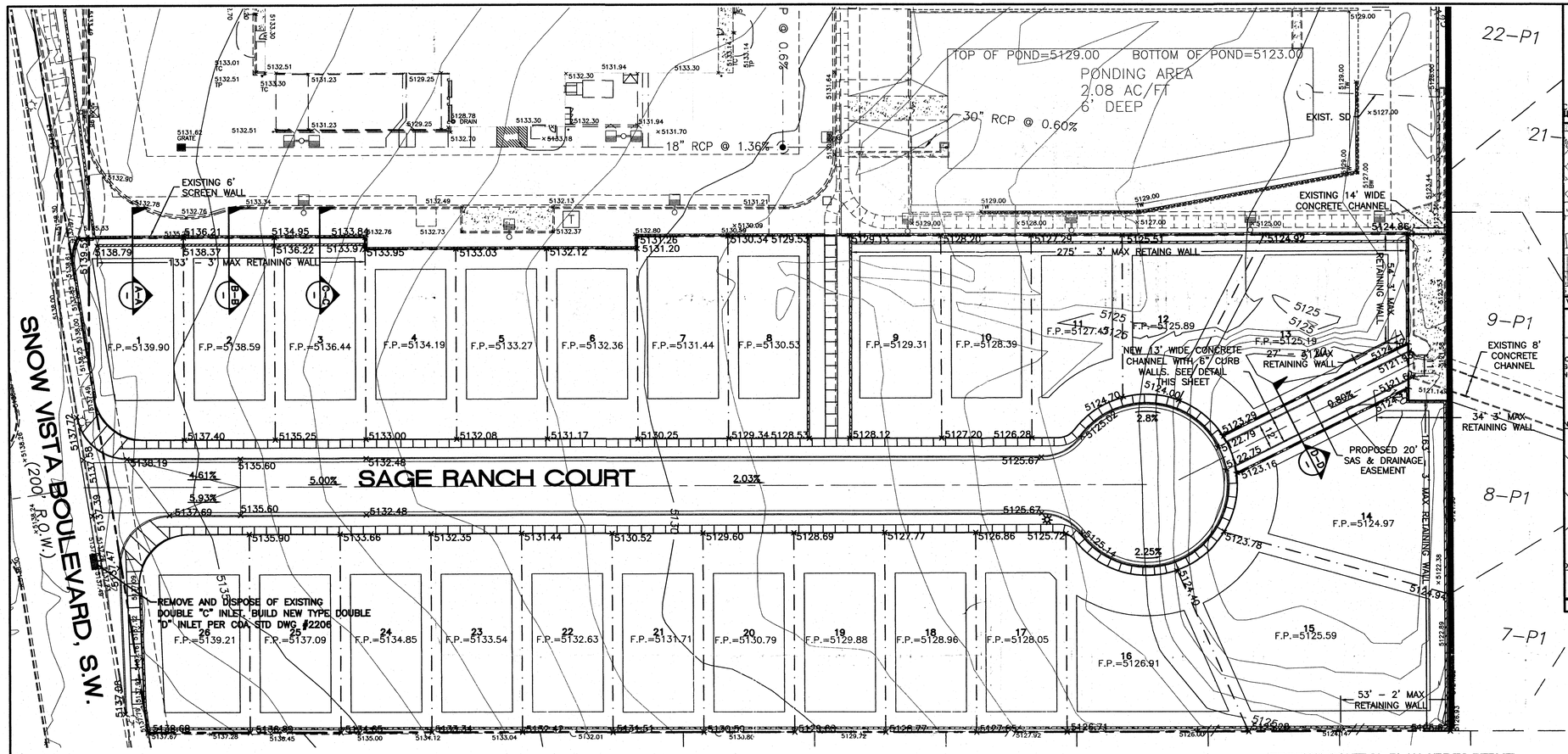

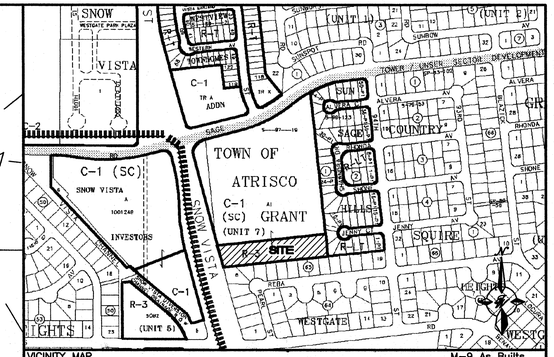

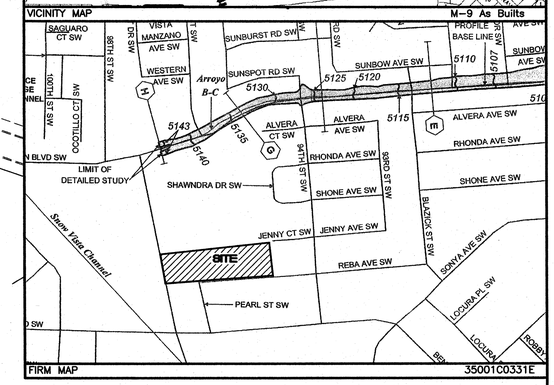

LEGEND

- EXISTING CURB & GUTTER
- PROPOSED CURB & GUTTER
- BOUNDARY LINE
- EXISTING BOUNDARY LINE
- PROPOSED SIDEWALK
- EXISTING SIDEWALK
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- FLOW ARROW
- EXISTING STORM SEWER MANHOLE
- EXISTING STORM SEWER INLET
- EX. 24" RCP — EXISTING STORM SEWER LINE

Manning of 8' channel

$Q = \frac{1.486}{.013} A r^{2/3} S^{1/2}$

$Q = \frac{1.486}{.013} \cdot 4 \cdot .444 \cdot .005$

$Q = 1.49 \cdot 4 \cdot .444 \cdot .005$

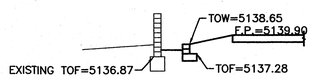
$Q = 1.49$ cfs

> 1.82 cfs (dem)

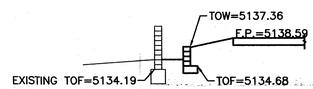
Assume .5

$P = 8 + 2(.5)$

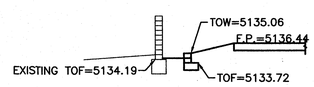
$r = \frac{8 \cdot .5}{8 + 2(.5)} = .444$



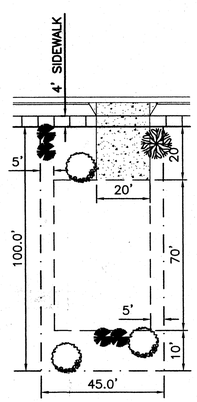
SECTION A-A
SCALE: 1"=10'



SECTION B-B
SCALE: 1"=10'



SECTION C-C
SCALE: 1"=10'



TYPICAL LOT LAYOUT
NTS

NOTICE TO CONTRACTORS

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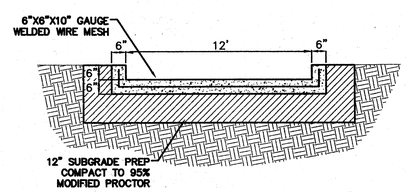
5. BACKFILL COMPACTION SHALL BE ACCORDING TO TRAFFIC/STREET USE.
6. MAINTENANCE OF THESE FACILITIES SHALL BE THE RESPONSIBILITY OF THE OWNER OF THE PROPERTY SERVED.
7. WORK ON ARTERIAL STREETS SHALL BE PERFORMED ON A 24-HOUR BASIS.

APPROVAL	NAME	DATE
INSPECTOR		



CONCRETE CHANNEL SECTION D-D
NTS

EROSION CONTROL PLAN, NPDES PERMIT AND POLLUTION PREVENTION NOTES

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3. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL STORM RUN OFF ON SITE.
4. REPAIR OF DAMAGED FACILITIES AND CLEAN-UP OF SEDIMENT ACCUMULATION ON ADJACENT PROPERTIES AND IN PUBLIC FACILITIES IS THE RESPONSIBILITY OF THE CONTRACTOR.
5. ALL EXPOSED EARTH SURFACES MUST BE PROTECTED FROM WIND AND WATER EROSION PRIOR TO FINAL ACCEPTANCE OF ANY PROJECT.
6. ALL SITES OVER 1 ACRE DISTURBANCE REQUIRE FEDERAL NPDES PERMIT.

N

GRAPHIC SCALE

30 15 0 15 30

SCALE: 1"=30'

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SITE DATA

PROPOSED USAGE:	SINGLE FAMILY HOUSING
CURRENT ZONING:	RLT
PROPOSED RESIDENTIAL ZONING:	RLT
TOTAL AREA:	3.7442 AC±
NUMBER OF LOTS:	26 UNITS
DENSITY UNITS:	6.94 DU'S

RECEIVED SEP 12 2006 HYDROLOGY SECTION

ENGINEER'S SEAL	RESIDENTIAL AT 98TH AND SAGE	DRAWN BY EMT
	GRADING DRAINAGE PLAN	DATE 06-23-06
		2615-GRB.DWG
RONALD R. BOHANNAN P.E. #7868	TIERRA WEST, LLC 8509 JEFFERSON NE ALBUQUERQUE, NEW MEXICO 87113 (505)858-3100	SHEET # 1
		JOB # 26015

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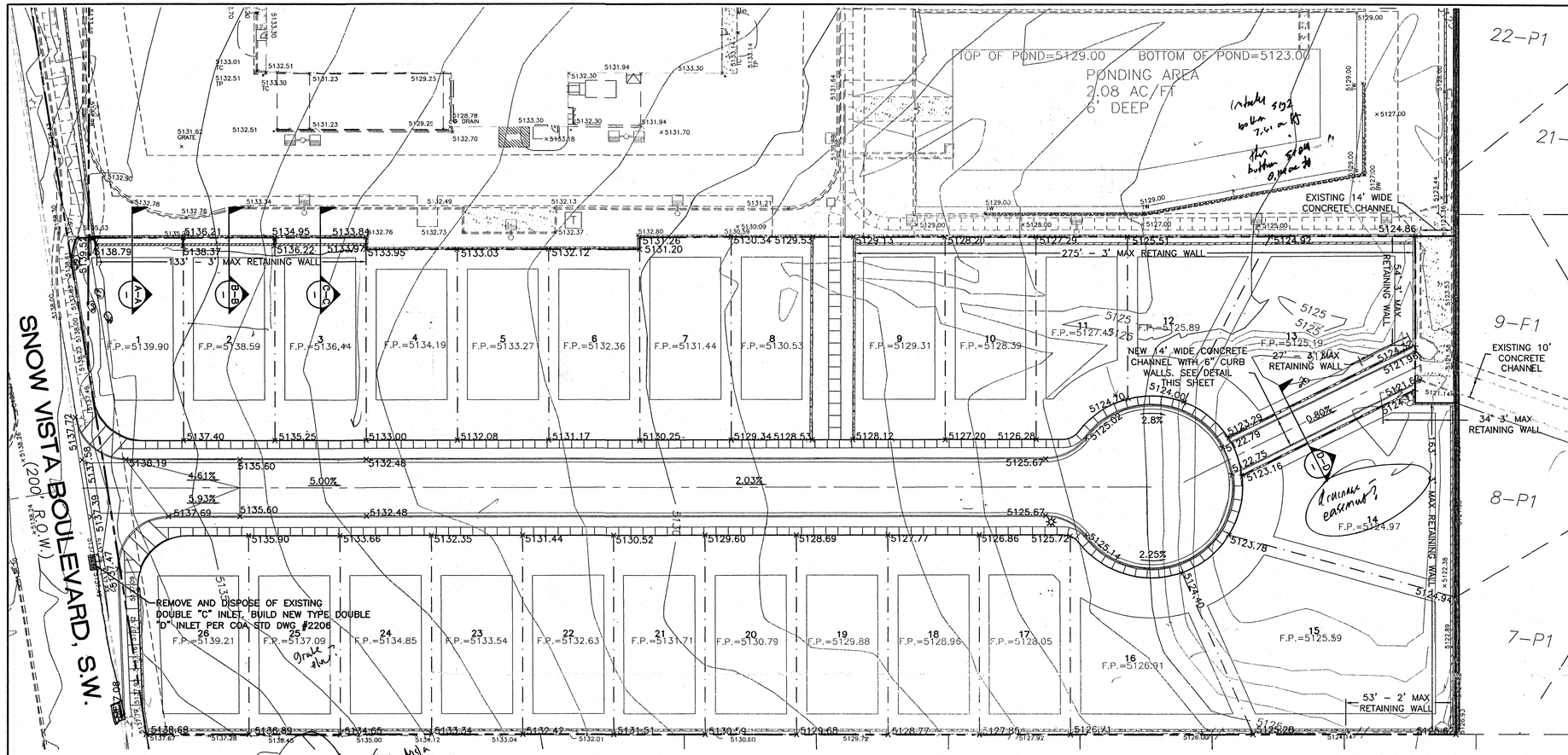
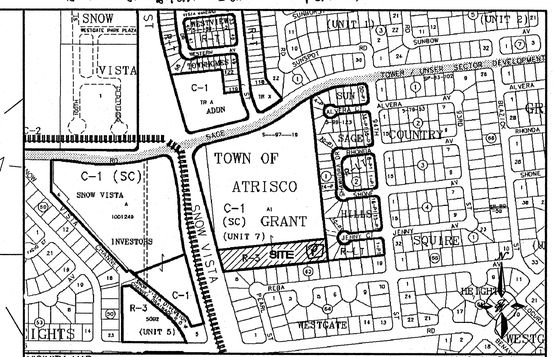
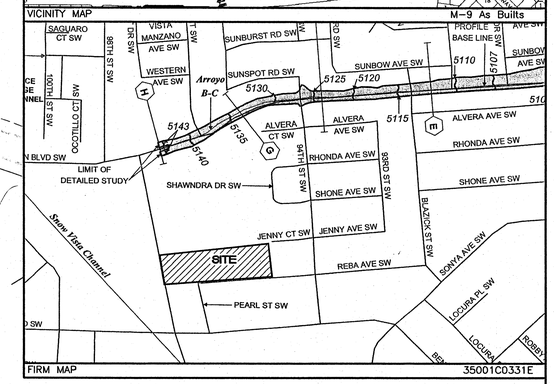
Bond of allund sent in rentbooks





VICINITY MAP M-9 As Builts



FIRM MAP 35001C0331E

LEGEND

- EXISTING CURB & GUTTER
- PROPOSED CURB & GUTTER
- BOUNDARY LINE
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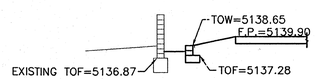

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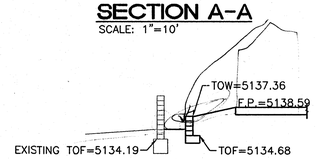
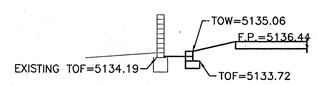
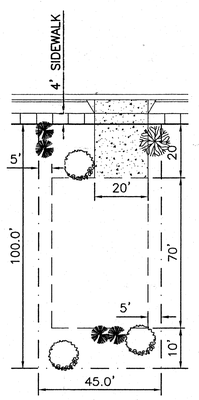


SECTION B-B
SCALE: 1"=10'



SECTION C-C
SCALE: 1"=10'



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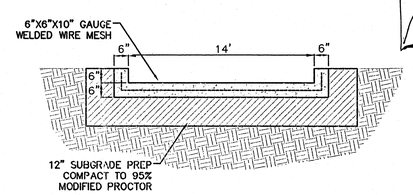

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		JOB # 2615

RECEIVED JUL 11 2006 HYDROLOGY SECTION