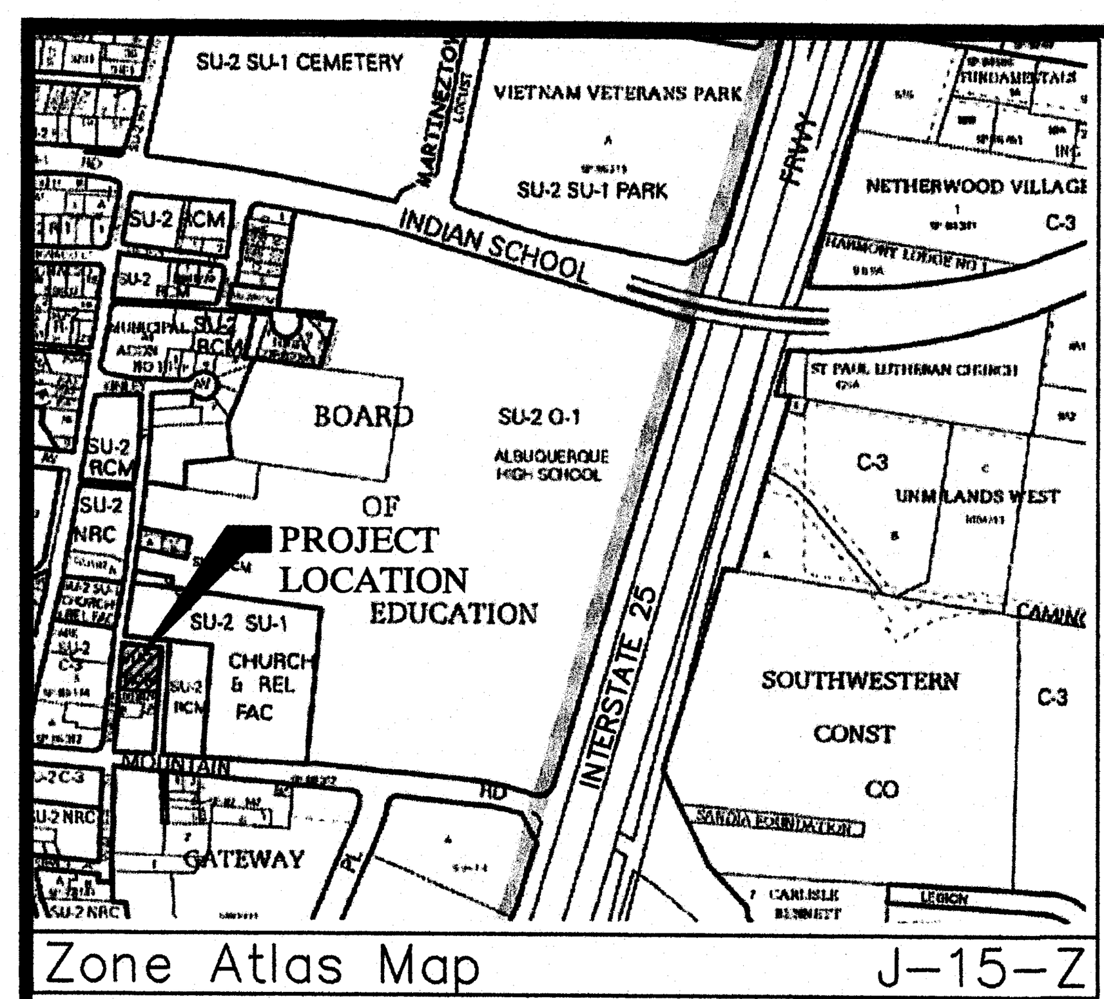


Legal Description

A LOT IN SECTION 16, TOWNSHIP 10 NORTH, RANGE 3 E, BEING 81.50x125 LYING EAST OR WALTER N.E. AND WEST OF STONE N.E.

Drainage Narrative

THE INTENT OF THIS GRADING AND DRAINAGE PLAN IS TO ACCOMMODATE A NEW RESIDENCE ON SITE. THE SITE IS CURRENTLY AN EXISTING PARKING LOT AND BOUNDED TO THE EAST, NORTH AND WEST BY EXISTING ROADWAY AND TO THE SOUTH, AN EXISTING RESIDENCE. THE SITE ALSO CURRENTLY SLOPES FROM THE EAST TO THE WEST AT 7% SLOPE. THE SITE IS NOT WITHIN A 100 YR FLOOD PLAIN.

THIS GRADING PLAN WILL REDUCE THE EXISTING FLOW FROM 1.08 CFS TO 0.70 CFS

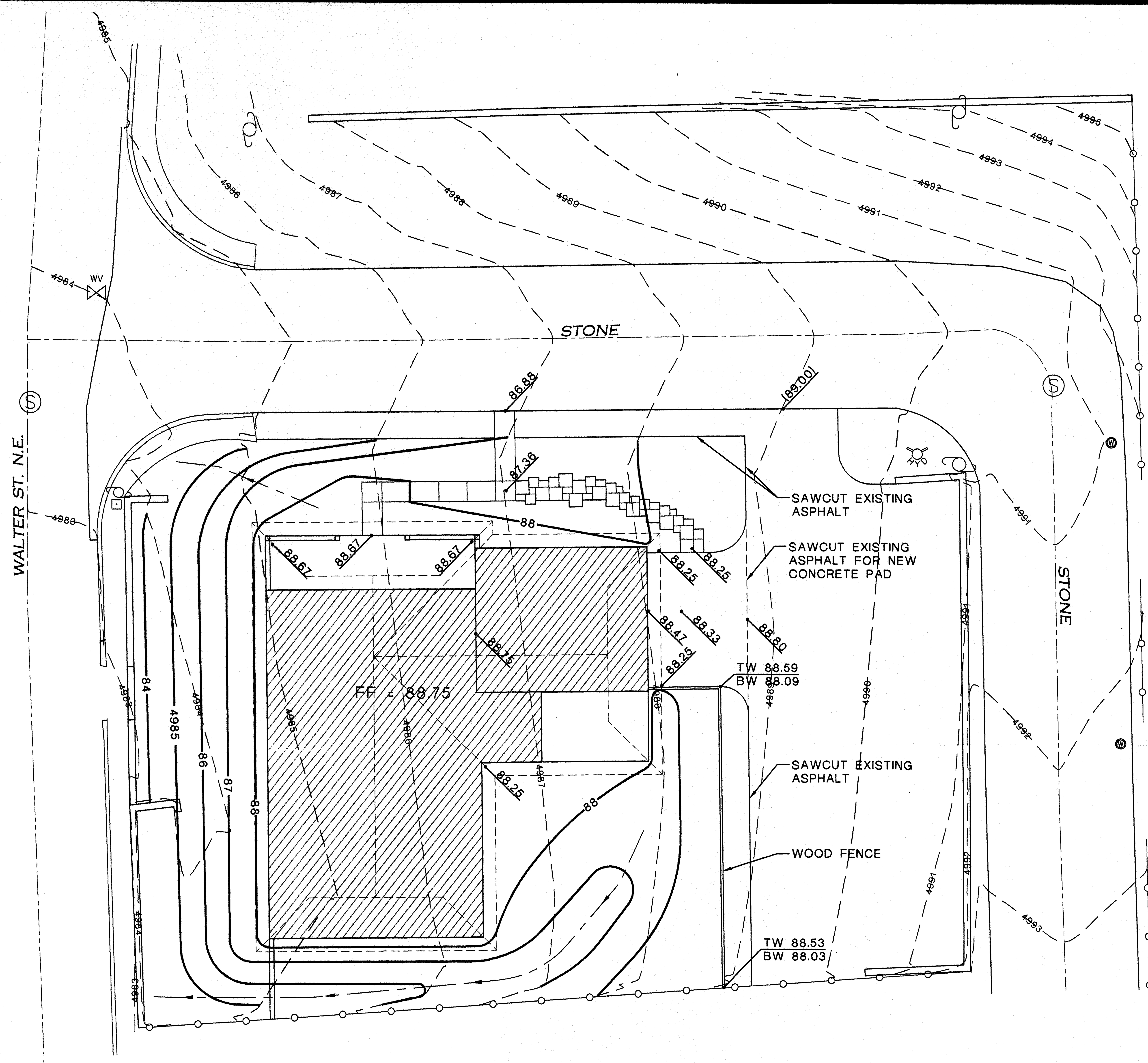
Drainage Calculations

Hydrology Calculations
Date: January 25, 2010
DPM - Section 22.2
Volume 2, January 1993

Precipitation Zone	2
100 Year Storm Depth, P (360)	2.35
100 year Storm Depth, P (10 day)	3.95

Treatment Area	A	B	C	D
Excess Precipitation Factors	0.53	0.78	1.13	2.12
Peak Discharge Factors	1.56	2.28	3.14	4.7

Land Treatment Area	Acres	Existing	Proposed
Type "D" (Roof)		0.23	0.05
Type "C" (Unpaved Roadway)		0.00	0.06
Type "B" (Irrigated Lawns)		0.00	0.12
Type "A" (Undeveloped)		0.00	0.00
Total (Acres)		0.23	0.23
Excess Precipitaion(in)		2.12	1.16
Volume (100), cf		1769.99	970.66
Volume (10),cf		1185.89	650.34
Q (100), cfs		1.08	0.70
Q (10), cfs		0.72	0.47



GRADING AND DRAINAGE PLAN

SCALE: 1" = 10'

5 0 5 10 20
1" = 10'

Engineer's Statement

I, THE ENGINEER OF RECORD CERTIFY THAT I HAVE PERSONALLY VISITED THE SITE AND THE EXISTING GRADES AND CONTOURS DEPICTED ON THIS PLAN MATCH WHAT PRESENTLY EXISTS AT THIS LOCATION

MARTIN J, GARCIA, NMPE #11767

Legend

5030 (dashed)	EXISTING CONTOUR
5030 (solid)	NEW CONTOUR
30.11	NEW SPOT ELEVATION
(30.11)	EXISTING SPOT ELEVATION
TW	TOP OF WALL
BW	BOTTOM OF WALL
FF	FINISH FLOOR ELEVATION
	DIRECTION OF FLOW

RECEIVED FEB 24 2010 HYDROLOGY SECTION

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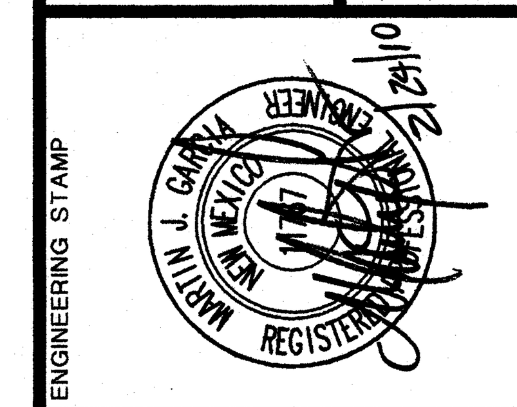
Engineers Planners Construction Services
6739 Academy Rd. NE, Suite 130, Albuquerque, NM 87109
505.255.7802

REV NO	REV DATE	DESCRIPTION

ENGINEERING STAMP



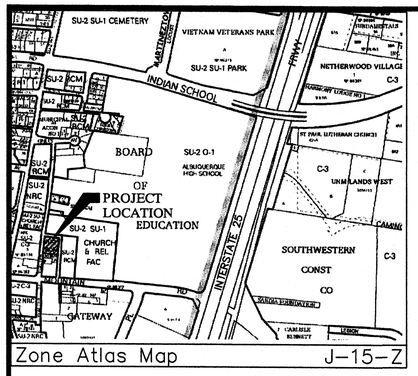
DO NOT SCALE DRAWINGS
CONTRACTOR TO VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS- NOTIFY ENGINEER/ARCHITECT OF ANY DISCREPANCIES PRIOR TO BEGINNING CONSTRUCTION

SAN YGNACIO CATHOLIC CHURCH
RESIDENCE
1226 WALTER STREET NE
ALBUQUERQUE, NEW MEXICO

DESIGNED BY:	M GARCIA	PROJECT NO.	10-004
DRAWN BY:	F PHILLIPS	DATE	FEBRUARY 24, 2010

SHEET TITLE
GRADING AND DRAINAGE PLAN

SHEET NUMBER
C-101



Zone Atlas Map J-15-Z

Legal Description

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Drainage Calculations

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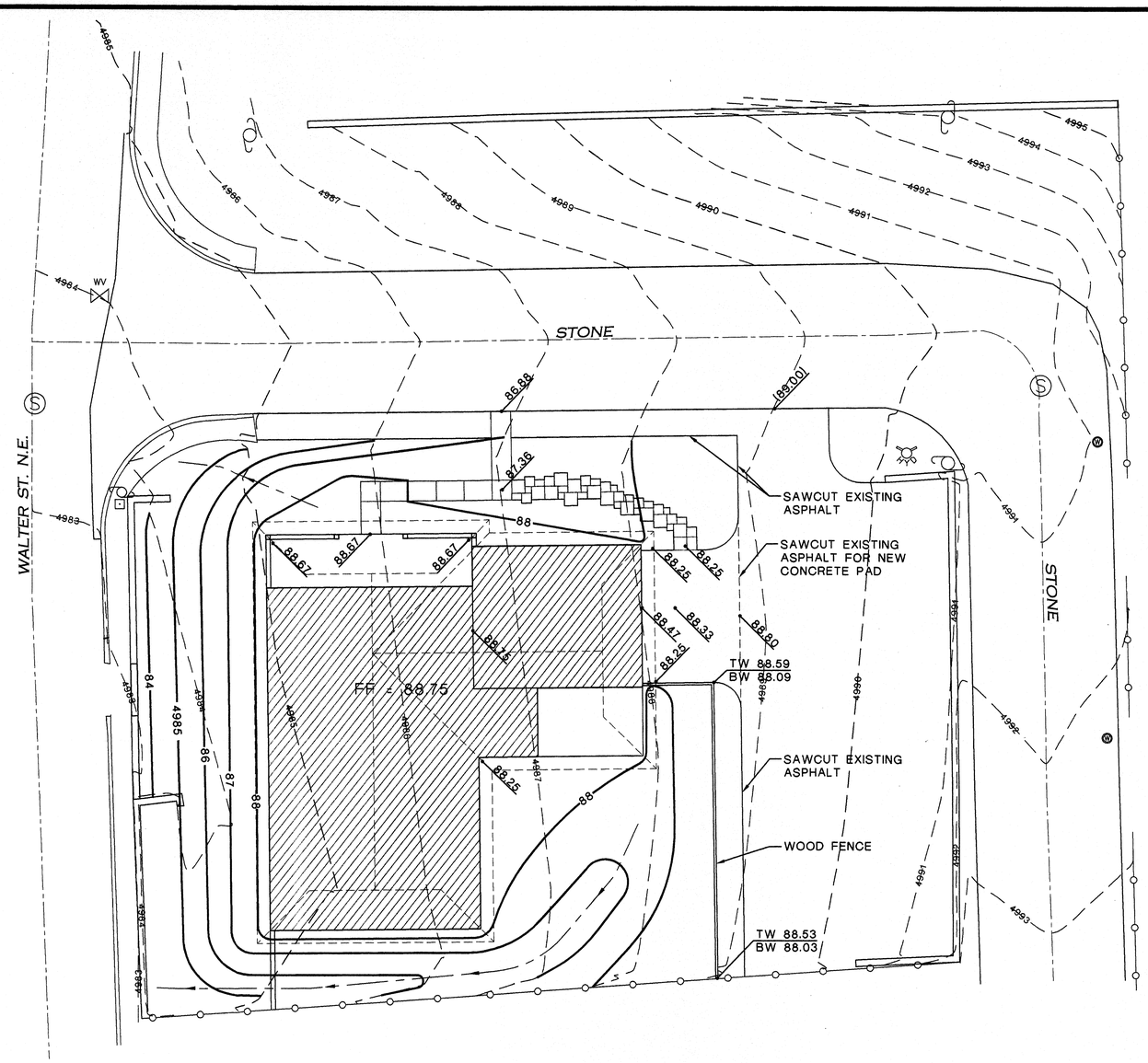

GRADING AND DRAINAGE PLAN

SCALE: 1" = 10'

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MARTIN J, GARCIA, NMPE #11767

Legend

5030	EXISTING CONTOUR
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	DIRECTION OF FLOW

RECEIVED
FEB 24 2010
HYDROLOGY SECTION

LAST MODIFIED: Fri, Feb 19, 2010 - 4:45pm
DWG LOCATION: M:\Projects\2010\10-004\
DWG NAME: GRADINGPLAN_C-101.dwg

ABQ Engineering
Engineers Planners Construction Services
6709 Academy Rd. NE, Suite 130, Albuquerque, NM 87109
505.255.7882

REV NO	REV DATE	DESCRIPTION

ENGINEERING STAMP
MARTIN J GARCIA NEW MEXICO 11767 REGISTERED PROFESSIONAL ENGINEER 2/24/10

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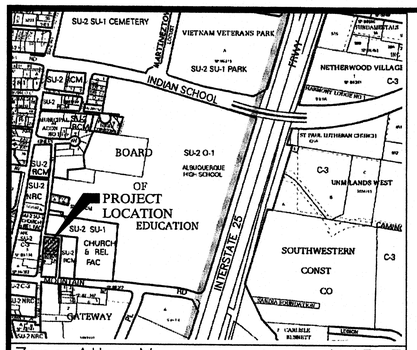
SAN YGNACIO CATHOLIC CHURCH
RESIDENCE
1226 WALTER STREET NE
ALBUQUERQUE, NEW MEXICO

DESIGNED BY:	M GARCIA
DRAWN BY:	F PHILLIPS
PROJECT NO.	10-004
DATE	FEBRUARY 24, 2010

SHEET TITLE
GRADING AND DRAINAGE PLAN

SHEET NUMBER
C-101



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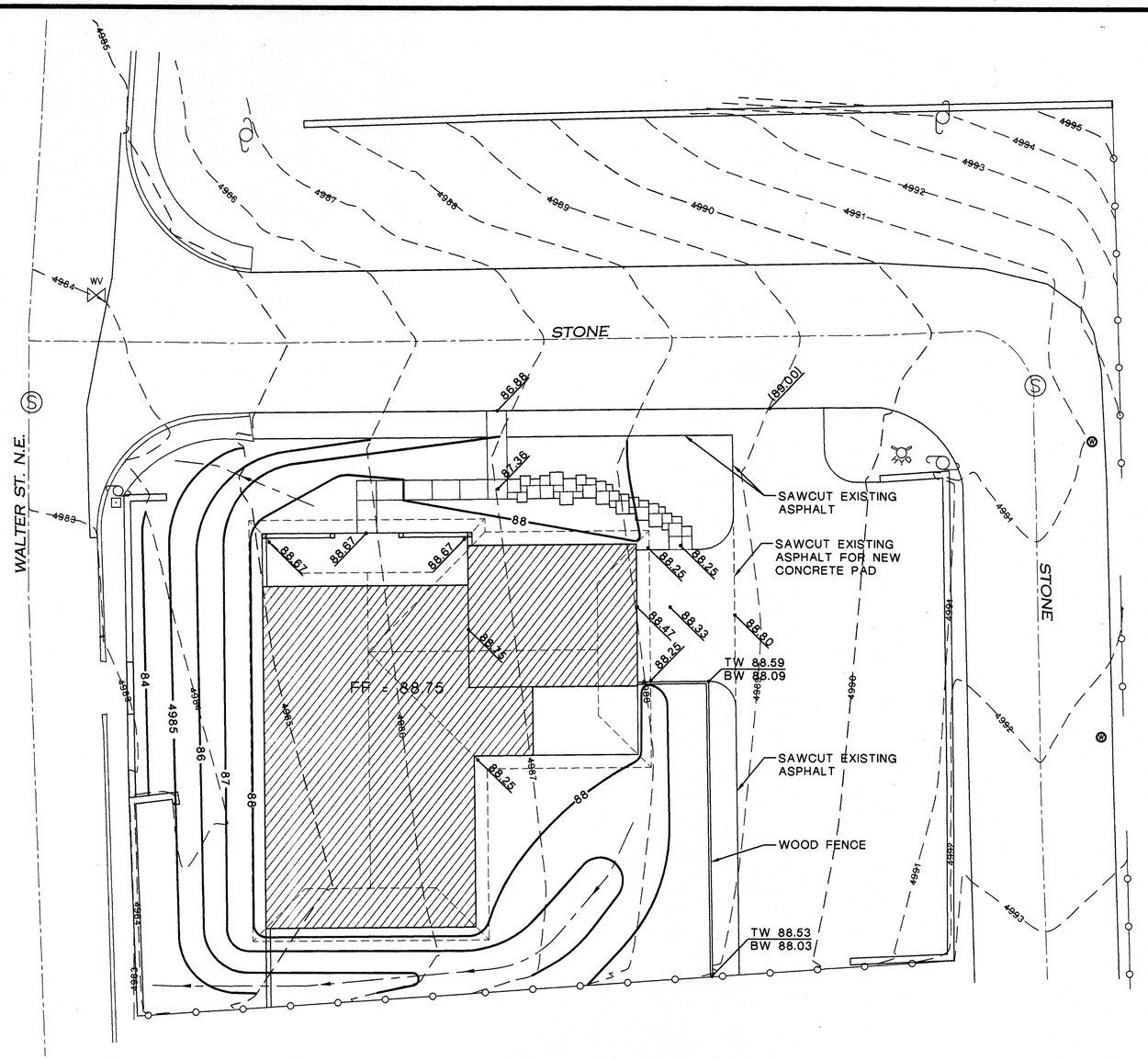

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ENGINEERING STAMP
MARTIN J. GARCIA NEW MEXICO REGISTERED PROFESSIONAL ENGINEER 11767

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SHEET TITLE
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SHEET NUMBER
C-101