

GENERAL NOTES:

It is the applicants responsibility to obtain all other appropriate Federal, State, and Local permits.

Any changes to this drainage plan would have to be approved by the design engineer and the City of Albuquerque.

PROCEDURE AND HYDRAULIC CALCULATIONS FOR 40 ACRE AND SMALLER CONTRIBUTORY WATERSHEDS.

REFERENCE:

Volume 2, City of Albuquerque Development Process Manual, Section 22.2, Hydrology.

CRITERIA:

Precipitation Zone: 2

Design Storm: 10 year - 6-hour event; Storm depth = 1.57 inches Design Storm: 100 year - 6-hour event; Storm depth = 2.35 inches

EXISTING CONDITIONS:

The site is located on the west side of Adams St. NE, west of San Mateo and north of Lomas Blvd. Presently, the site is developed with a single multi—family structure, gravel parking, sidewalks, and landscaped areas. The majority of onsite runoff drains off the property onto a paved alley and onto a paved city street. A small portion of the onsite runoff is carried to a small gravel filled french drain.

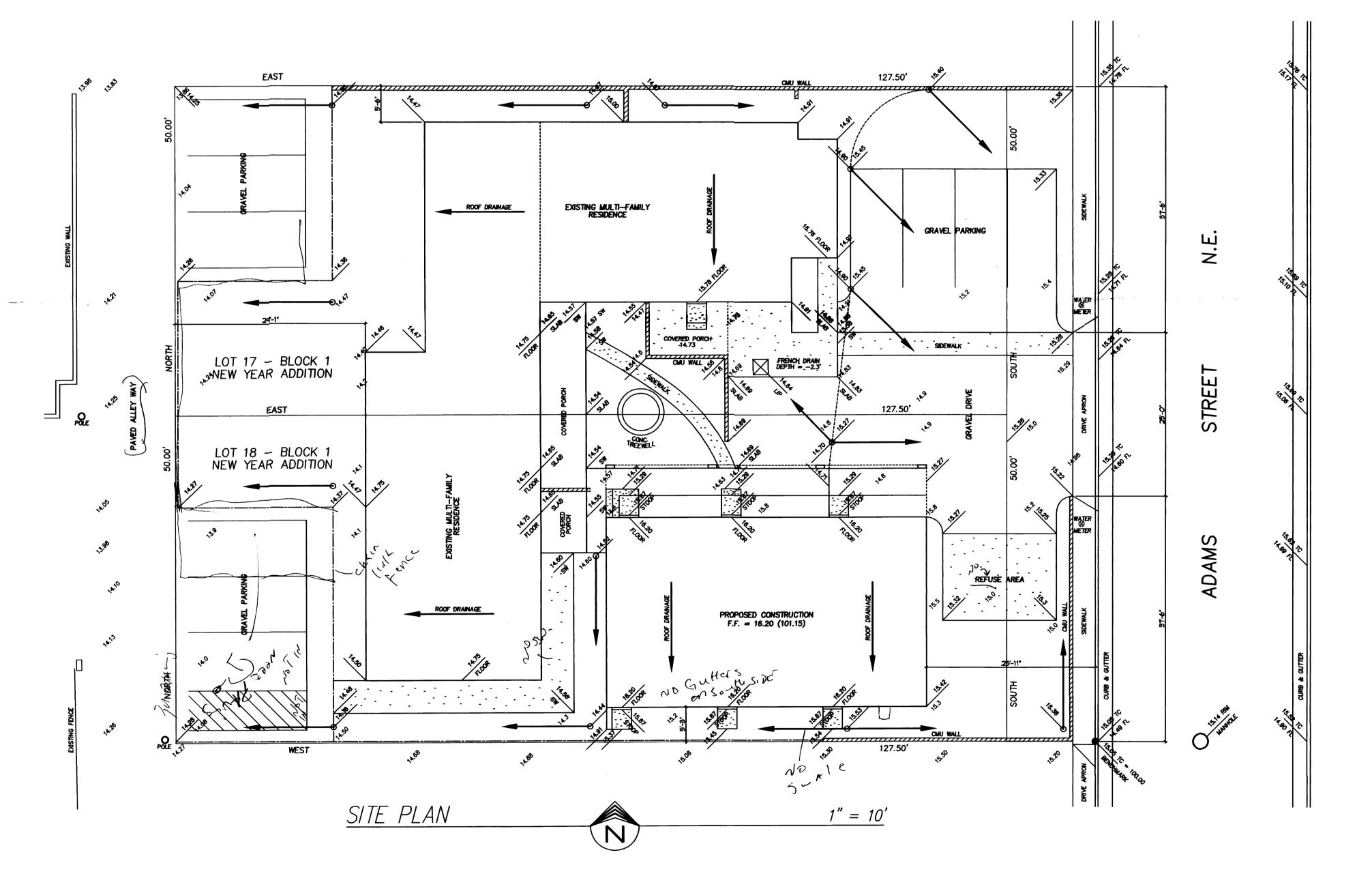
The majority of onsite runoff drains off the property onto a paved alley

PROPOSED CONDITIONS:

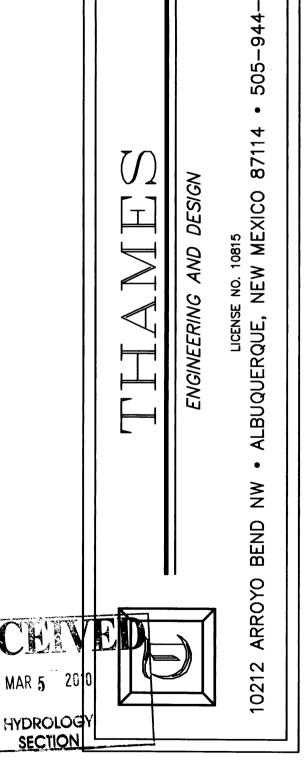
A 3-unit multi-family structure and associated improvements are proposed for this site. The additional runoff from this structure will be carried off the site and onto the paved street and alley by positive grading and swales. The finished floor elevation of the proposed structure will be set 1 foot above the top of curb at the out-fall location.

				DRAINA	GE CALCULATIO	DNS				
	LAND TREATMENTS							OFFSITE	ONSITE	TOTAL
EXISTING CONDITIONS	А	В	С	D	TOTAL	E*	RUNOFF			
	0 SF	6375 SF	3325 SF	4050 SF	13,750 SF	0.65	10 yr.	0	746 CF	746 CF
						1.26	100 yr.	0	1444 CF	1444 CF
PROPOSED CONDITIONS	А	В	С	D	TOTAL	E*	RUNOFF			
	0 SF	4285 SF	3665 SF	5800 SF	13,750 SF	0.79	10 yr.	0	907 CF	907 CF
						1.42	100 yr.	0	1620 CF	1620 CF
							ADDITIONAL RUNOFF: 176 CF			

ACSA VEREE	-SITE
	LOMAS BLVD.
VICINITY MAP	ZONE ATLAS MAP: J-17







<u>LEGAL DESCRIPTION</u>

LOT 17 and 18, BLOCK 1, NEW YEAR ADDITION, ALBUQUERQUE, NM

PROPERTY ADDRESS

633 ADAMS STREET NE - ALBUQUERQUE, NM 87106

UPC NO: 101 705 828 904 240 106

LEGEND

EXISTING ELEVATION

NEW CONTOUR

SPOT ELEVATION

FLOWLINE

DRAINAGE SWALE

PROPERTY LINE

BENCH MARK:
C.O.A. MONUMENT

TEMPORARY BENCH MARK:

TOP OF CURB, SE PROPERTY CORNER

ELEVATION: 15.05 = 100.00

I, TIM HIGHTOWER, A REGISTERED PROFESSIONAL ENGINEER
IN THE STATE OF NEW MEXICO, HAVE PERSONALLY INSPECTED
THE LOT REFERED TO IN THIS DRAINAGE PLAN. THIS LOT
WAS FOUND TO BE IN AN IMPROVED STATE. IT APPEARED THAT
RE-GRADING WOULD BE NECESSARY TO DIRECT ALL ONSITE
RUNOFF TO THE PAVED CITY STREET AND ALLEY WAY.

