

DRAINAGE PLAN

PURPOSE:

The purpose of this grading and drainage plan is to develop the site to properly drain the site developed runoff to a retention pond.

EXISTING CONDITIONS:

The site is currently undeveloped and relatively level. The properties to the east and west of the site are currently undeveloped and the property to the south is developed. Fortuna Road is located along the north boundary of the site. An existing paved roadway in an existing access easement is located directly west of the site. The site does not lie in a 100-year flood plain.

PROPOSED CONDITIONS:

As shown by the plan, the development consists of a new building located at the northwest corner of the property with associated parking and landscaping. Access into the site will be taken from the existing paved road and access easement west of the site. A retention pond will be constructed at the northeast corner of the site to control the storm runoff due to the development of the property. The retention pond has been sized in accordance with the Bernalillo County Drainage Ordinance 90—6. The property is located within the City of Albuquerque, but there are currently no downstream drainage improvements in place to accept the developed runoff from this site. The retention pond will be considered in interim solution for the drainage of the site. Once storm drainage infrastructure is provided to the site, the retention pond will be released into the future facilities.

Additional information and calculations have been provided with this plan titled "Attachment No. 1".

CALCULATIONS:

The calculations submitted with this plan define the 100 year—6 hour design storm falling within the project area under existing and developed conditions. The Hydrology is per "Section 22.2, Hydrology of the Development Process Manual, Volume 2, Design Criteria, for the City of Albuquerque, New Mexico in cooperation with Bernalillo County, New Mexico and the Albuquerque Metropolitan Arroyo Flood Control Authority, dated January, 1993.

LEGAL DESCRIPTION:

Lot 1-C-1 of Lot 1, Tract S-2, Atrisco Business Park, situate within Section 15, T 10 N, R 2 E, NMPM, Bernalillo County New Mexico.

ELEVATION DATUM:

Basis of Elevation per ACS Control Station 16-J11. Elev = 5096.674 feet.

TBM: TBM is located on the power pole near the northwest corner of the site. Elev. = 5101.78 feet.

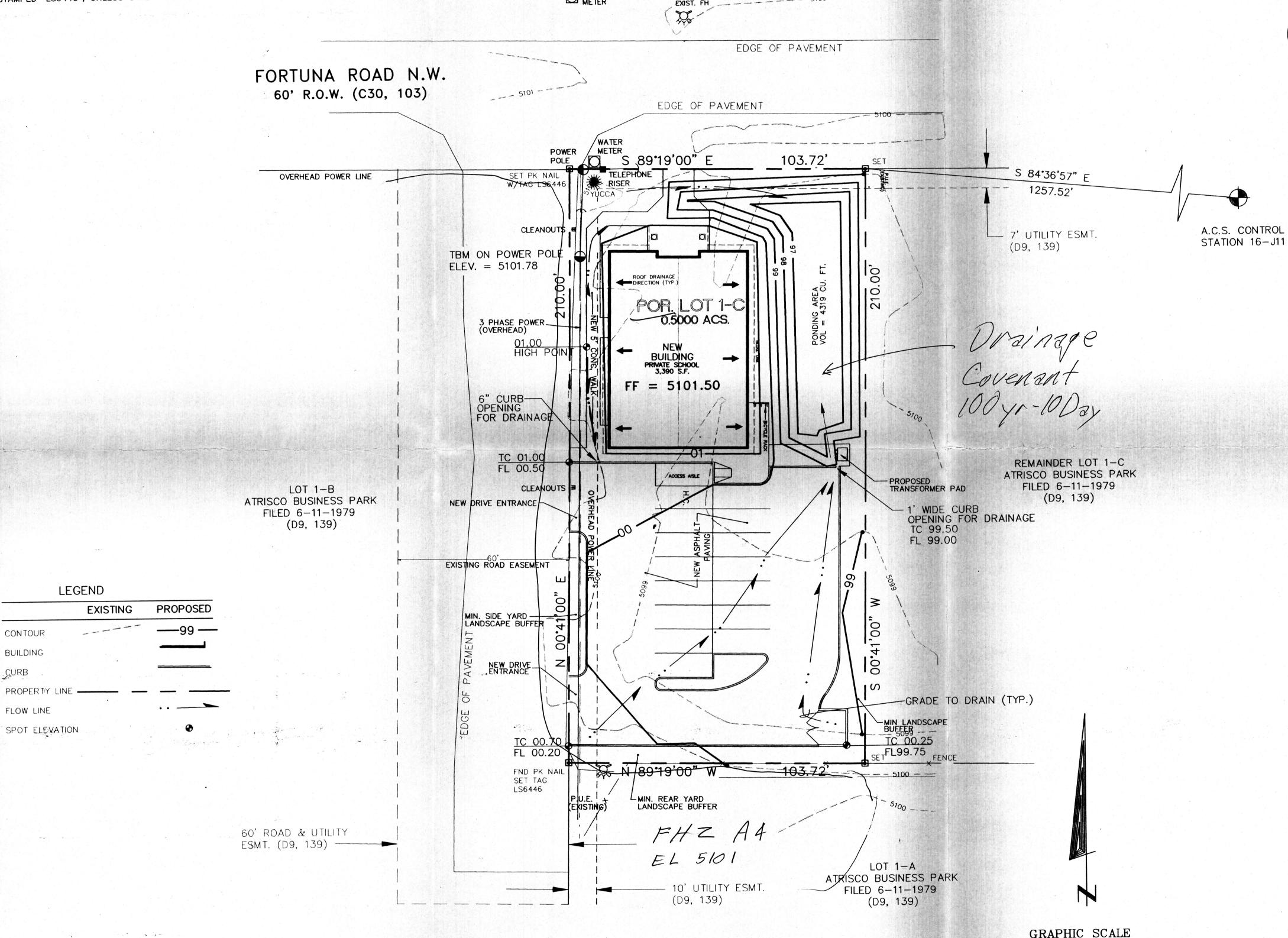
Survey information provided by: Southwest Surveying Company, Inc., 333 Lomas Blvd. NE, Albuquerque, NM 87102, Tele: (505)247-4444, dated April 26, 1995.

CONSTRUCTION NOTES:

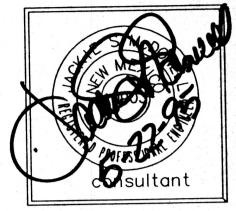
- THE CONTRACTOR SHALL ENSURE THAT NO SOIL ERODES FROM THE SITE INTO PUBLIC RIGHT-OF-WAY OR ONTO PRIVATE PROPERTY. THIS CAN BE ACHIEVED BY CONSTRUCTING TEMPORATY PERVIS AT THE PROPERTY LINES AND WETTING THE SOIL TO KEIP IT FROM BLOKES.
- THE CONTRACTOR SHALL PROMPTLY CLEAN UP ANY MATERIAL EXCAVATED WITHIN THE PUBLIC RIGHT-OF-WAY SO THAT THE EXCAVATED MATERIAL IS NOT SUSCEPTIBLE TO BEING WASHED DOWN THE STREET.
- THE CONTRACTOR SHALL SECURE A "TOPSOIL DISTURBANCE PERMIT" PRIOR TO BEGIN ING CONSTRUCTION.
- THE CONTRACTOR SHALL ASSIST THE ENGINEER/INSPECTOR IN THE RECORDING OF DATA ON ALL UTILITY LINES AND ACCESSORIES AS REQUIRED BY THE OWNERS FOR THE FREPARATION OF "RECORD DRAWINGS". THE CONTRACTOR SHALL NOT COVER UTILITY LINES AND ACCESSORIES UNTIL ALL DATA HAS BEEN RECORDED.

SURVEY NOTES:

- 1. BASIS OF BEARINGS PER THE PLAT OF LOT 1, TRACT S-2, ATRISCO BUSINESS PARK, FILED 6-11-1979 IN VOL. D9, FOLIO 139.
- 2. BASIS OF ELEVATIONS PER A.C.S. CONTROL STATION 16-J11. ELEVATION AT SAID STATION IS 5096.674.
- 3. ALL CORNERS IDENTIFIED AS "SET" ARE SET WITH 1/2" REBAR AND CAP STAMPED "LS6446", UNLESS OTHERWISE NOTED.



GRADING & DRAINAGE PLAN



The CHURCH of JESUS CHRIST
of LATTER-DAY SAINTS
ALBUQUERQUE WEST MESA SEMINA

ernest ulibarri & associates

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505-242-1552

architects

file no. 9523DRB3.FCD plot scale1" = 20'-0" date 5/2/95

project no. 9523

bheet no.

5 5 1882

(IN FEET)

1 inch = 20 ft.

= 20 RADING