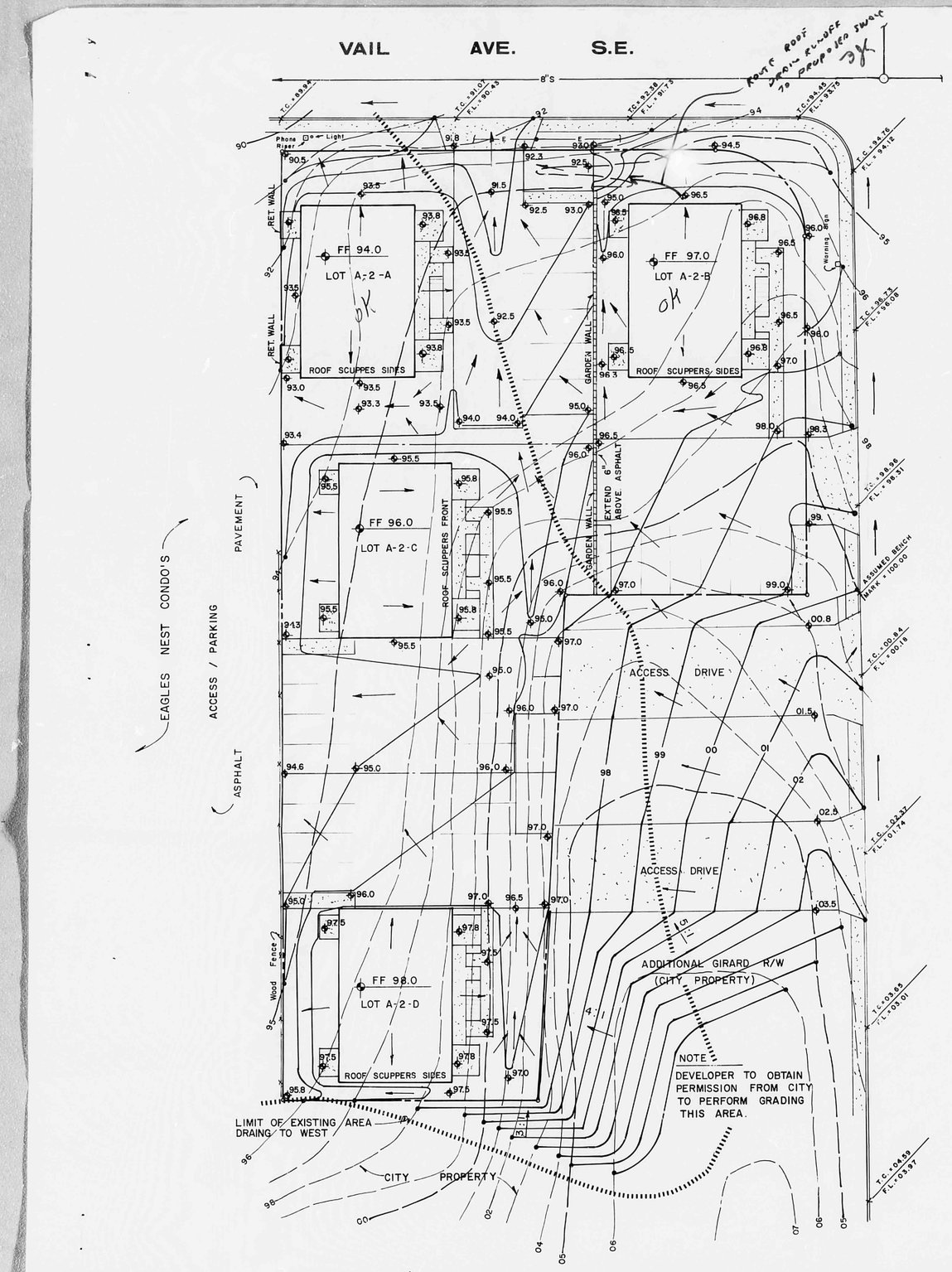
HYDROLOGY

L16/D8

L-16 D-8

LAND OF CONTRENDS,
LTD.

1 PLAN



0 10 20 40

APPROVED FOR DRAINAGE
1-19-8
DATE
SIGNATURE TITLE
ADVISE DRAINAGE INSPECTOR WHEN GRADING EXECUTED

CITY HYDROLOGY SECTION
Any deletions or ... plan must receive ... Section prior to ... this drain ge ... by Hydrology

NOTES

Legal: Lots A-2-A, A-2-B, A-2-C and A-2-D, Lands of Contrends, L.T.D., Albuquerque, New Mexico. Zone Map L-16.

Area: A-2-A (0.1721 Ac.); A-2-B (0.1706 Ac.)
A-2-C (0.1779 Ac.); A-2-D (0.1596 Ac.)
Total Area = 0.6801 Ac.

Flood Hazard: Site is not located within Flood Hazard Area (FHBM Page 8 of 9, December 4, 1979)

Land Use: Four-plex units/flat roofs.

Topo: Walker Survey Company, 7-21-80 (Assumed B.M. 100.00)

Offsite Drainage: Offsite flows intercepted and routed around site by Girard and Vail St. Area to south of site parallels flow patterns; no cross drainage.

Drainage Criteria: No ponding required for areas less than 1 Ac. (November, 1979, Drainage Guidelines) All lots have direct discharge to surrounding areas.

Lot A-2-A - Half of roof and southside yard drains to west to existing asphalt parking; remaining lot area drains to Vail.

Lot A-2-B - Lot drains to Girard and Vail, with rear yard swale outlet through NE corner of Lot A-2-A for discharge over drivepad.

Lot A-2-C - Rear yard and side parking drains to west to existing asphalt parking; roof and remainder of lot drains to north for discharge routing across Lot A-2-A parking to Vail.

Lot A-2-D - Entire lot drains to west to existing asphalt parking.

Existing Area/Volume draining to west
$= (24{,}800\ ft.^2)\left(\frac{2.3}{12}\right)(0.40) = 1901\ ft.^3$

Proposed Developed Area Volume draining to west
$= (15{,}400\ ft.^2)\left(\frac{2.3}{12}\right)(0.71) = 2095\ ft.^3$

Therefore, developed runoff volume for a 100 yr.-6 hr. storm has increased by 195 $ft.^3$, which will be released on a hard surfaced outlet.

ZONE MAP L-16

LEGEND

---94	EXISTING CONTOUR
——94	PROPOSED FINAL CONTOUR
⊕94	PROPOSED FINAL SPOT ELEVATIONS
——→	SURFACE FLOW DIRECTION

12/16/80
The grading plan shown on these Plans are in compliance with D.P. 2 & 4 of the permit approved on the 8th of Oct. 1980
Lowell Shaw
Property Mgr. for Lot 8

L16/D8

ALBUQUERQUE NEW MEXICO

GRADING EXHIBIT

Consultant terraSol inc.

11.11.80

CITY OF ALBUQUERQUE
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