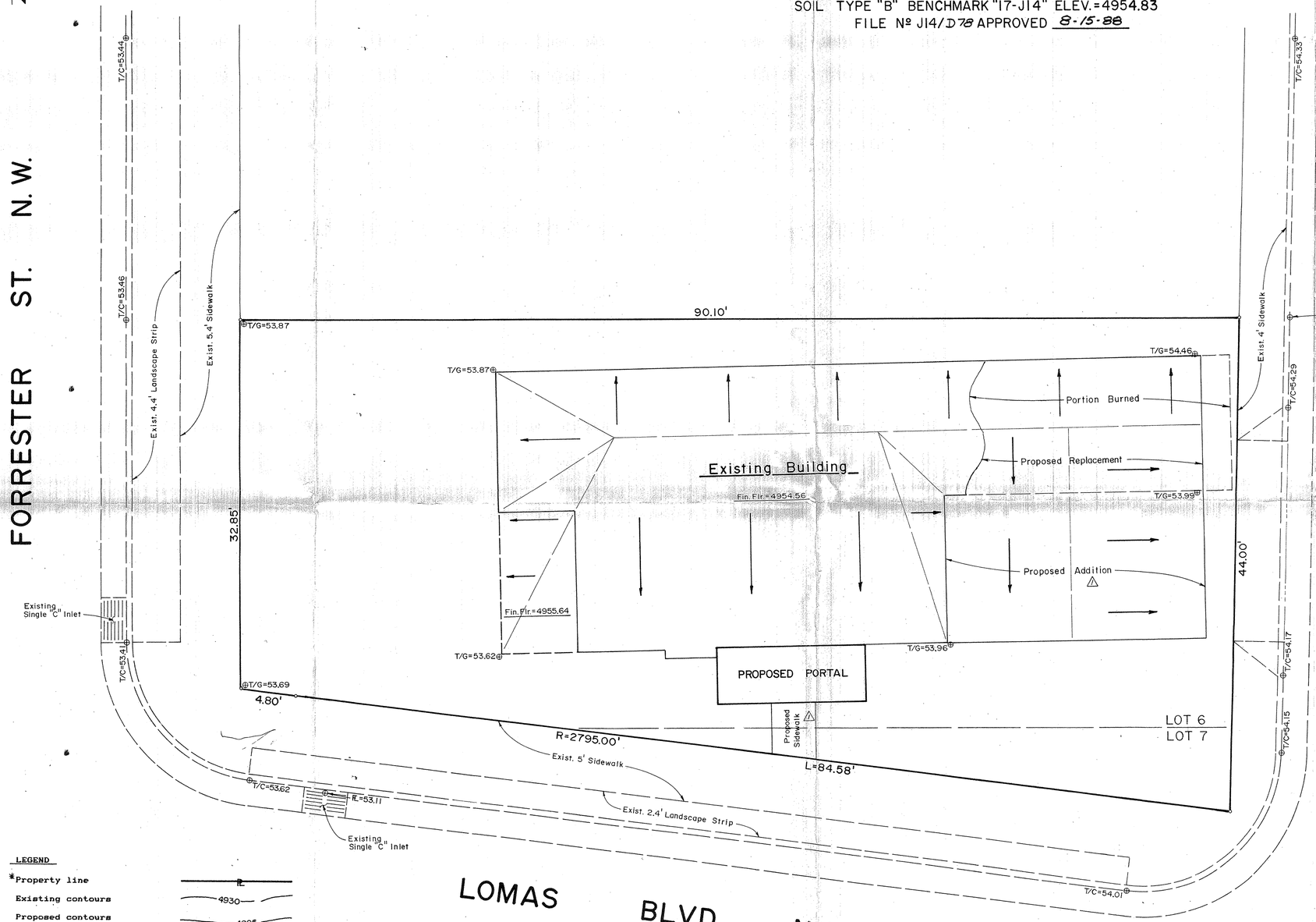
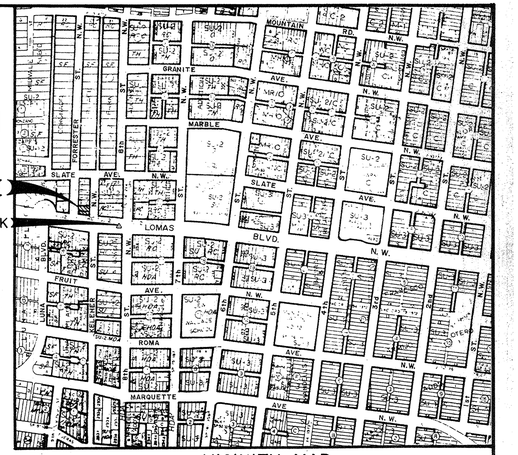
REVISED DRAINAGE PLAN

PORTIONS OF LOTS 6 & 7
FORRESTER PLACE ADDITION
ALBUQUERQUE, NEW MEXICO

ZONE MAP J-14 FLOOD PANEL 28
SOIL TYPE "B" BENCHMARK "17-J14" ELEV.=4954.83
FILE Nº J14/D78 APPROVED 8-15-88

Scale: 1"=5'





VICINITY MAP
Zone Map J-14-Z Scale: 1"=500'

KELEHER ST. N.W.

HYDROLOGY

100 Yr.-6Hr. = 2.2 $I = 2.2 \times 6.84/10^{0.51} = 4.65$ In/Hr
Area = 3462 S.F. = 0.079 Ac.

Existing (Prior to Fire)

Roof = 1334 x 0.90 = 1200
Landscape = 2128/3462 x 0.25 = 532/1732

C = 1732/3462 = 0.50
Q = 0.079 x 5.06 x 0.50 = 0.2 CFS
Curve Nº = 80 Direct Run-off = 0.70
V = 0.70/12 x 3462 = 202 CF

Proposed ⚠

Sidewalk = 20 x 0.95 = 19
Roof = 1664 x 0.90 = 1498
Landscape = 1778/3462 x 0.25 = 445/1962

C = 1962/3462 = 0.57
Q = 0.079 x 4.65 x 0.57 = 0.2 CFS
Curve Nº = 80 Direct Run-off = 0.70
V = 0.70/12 x 3462 = 202 CF

833 Lomas

Conclusion

The Proposed Construction on the Dwelling and the Sidewalk will Not Affect the Drainage Conditions on this Lot.

LEGEND

*Property line	P.L.
Existing contours	4930
Proposed contours	4925
Flow direction	
Existing spot elevations	⊕
Proposed spot elevations	⊕
Top of ground	T/G
Top of pavement	T/P
Top of concrete	T/Conc.
Top of curb	T/C
Flowline Gutter or swale	F.L.

*A property boundary survey was not performed in the preparation of this plan.

EROSION CONTROL NOTES

The contractor shall be responsible for compliance of the following:

1. No sediment bearing water shall be allowed to discharge from the site during construction.
2. During grading operations and until the project has been completed all adjacent property, rights of way and easements shall be protected from flooding.
3. Any and all sedimentation originating from the site which is deposited within public right of way shall be promptly removed by the contractor.
4. Control of sediment laden waters will be accomplished by use of a compacted earth berm of adequate height. The berm shall be located along the downstream perimeters of the property.

JAMES W. GROSS NEW MEXICO 6857 REGISTERED PROFESSIONAL ENGINEER LAND SURVEYOR
8/3/88

RECEIVED
MAR 2 1 1989
HYDROLOGY SECTION

⚠ Revised per Owner 3/21/89

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Drawn L C G
Sheet 1 of 1