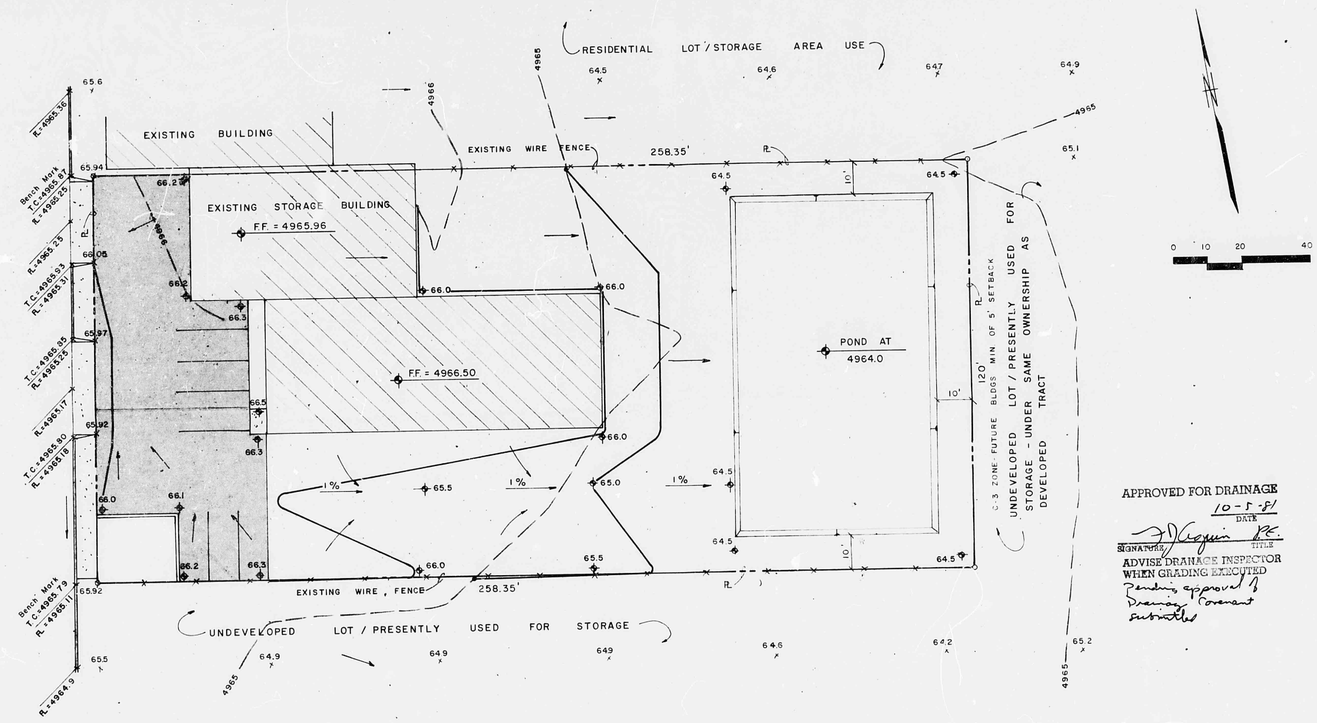
HYDROLOGY

H14/D18
1 PLAN

H14/D18

1 Plan



APPROVED FOR DRAINAGE
10-5-81
DATE
SIGNATURE TITLE
ADVISE DRAINAGE INSPECTOR WHEN GRADING EXECUTED
Pending approval of Drainage Covenant submitted

ALBUQUERQUE
NEW MEXICO

GRADING/DRAINAGE
3306 4th St. N.W.

Consultants terra-tal inc.

NOTES

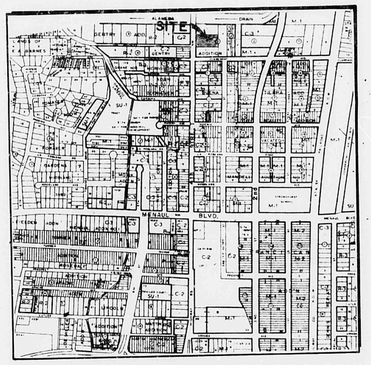
- Lot 2, Bk 2 of the Gentry Addition (Area of Lot = 0.72 Acres)
- Survey by NM Reg. Surveyor, Ron Forstbauer, 8/81.
- B.M. South property line extension at I.C. = 4965.79
  North property line extension at I.C. = 4965.87
- Drainage Criteria:
  a) Site not located within a flood hazard area, per City Drainage Management Vol. for Valley.
  b) Elevations at top of drivepads are existing and are 0.12' higher than I.C. due to cross slope of walk of 2%. Existing walk and drivepads to remain.
  c) Offsite flows - lot to north and lot to south of site presently slope to the east. Site is not affected by drainage from these adjacent areas.
  d) Site slopes to east. Pond requirements will require a 100 yr. storm capacity due to lack of drainage outflow. Parking area of site to continue to drain to street. Remainder of lot to drain to rear pond for 100% retention storage.

  Vol. to pond = $(2.2/12)(26036\ ft.^2)(0.55) = 2625\ ft.^3$

  Pond size (top dimensions w/5:1 S.S.) = 100' x 60' x 0.5' deep
  $= 2806\ ft.^3$ cap. > $2625\ ft.^3$ req'd.

LEGEND

51.5 x	Existing Spot Elevation
— — 5154 — —	Existing Contour
—— 5154 ——	Proposed Finished Contour
55.0	Proposed Finished Spot Elevation
——→	Surface Flow Direction



VICINITY MAP-H-14