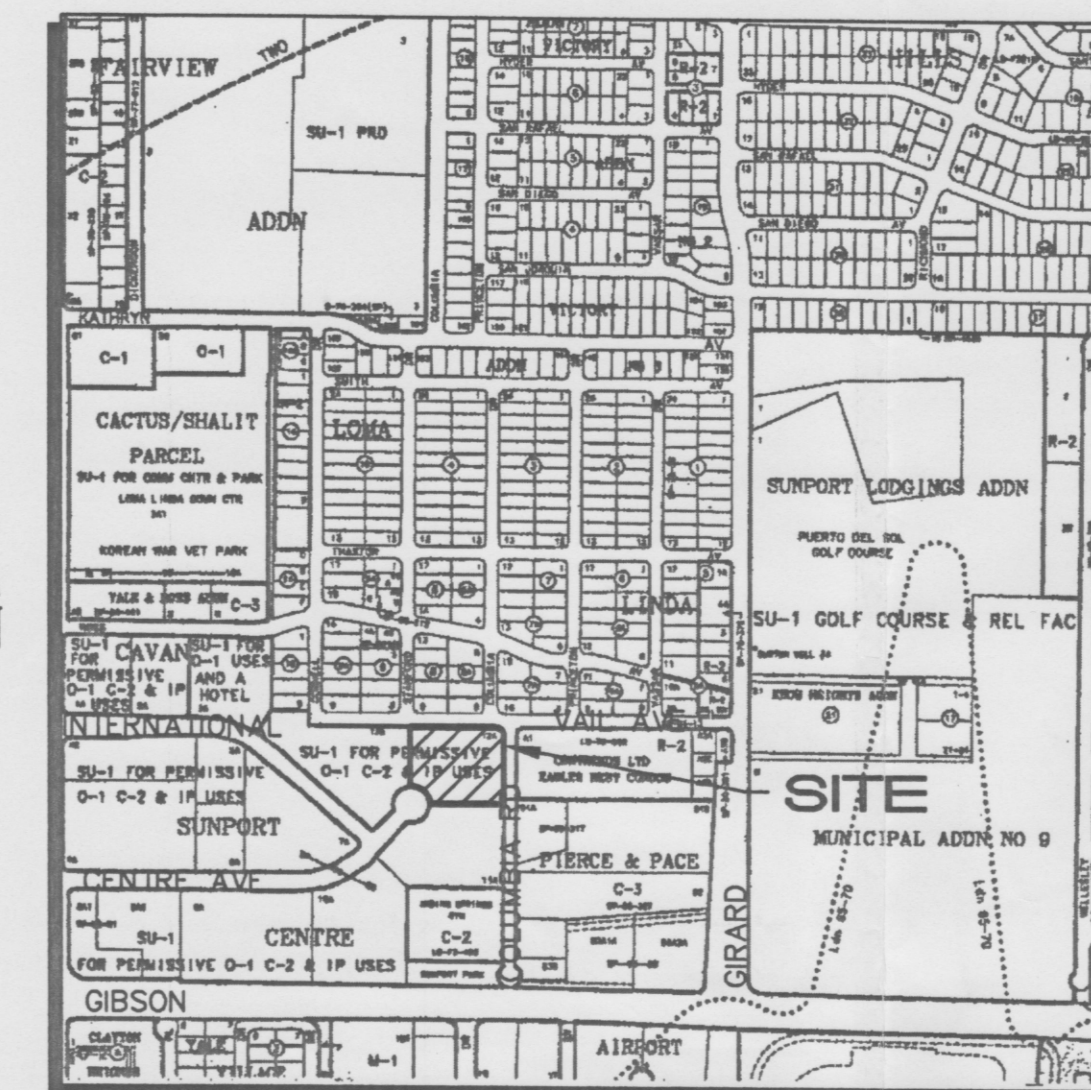
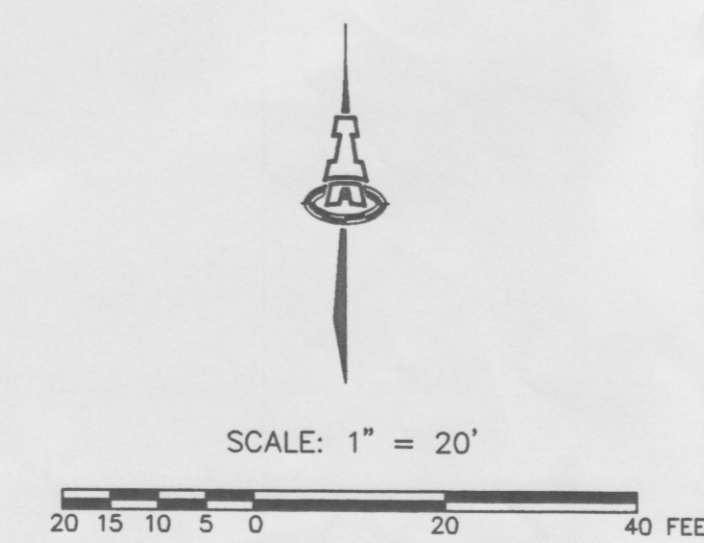



$$1'' = 750' \pm$$


LEGAL DESCRIPTION: Tract 12A, Cavan Sunport Centre filed for record on February 16, 1988 in Volume C35, Folio 173

AREA: 2.3078 ACRES/100,528 SF

BENCHMARK: Albuquerque Control Station monument "7-L15" located near the intersection of Yale Blvd. and Kathryn Ave. and is a 3 1/4" aluminum cap set in a drill hole, flush with the top of curb. Elevation=5161.48

FLOOD ZONE DESIGNATION: No portion of this site lies within a floodplain as designated by Panel #361 of 825 of the Federal Insurance Rate Maps dated September 20, 1996.

EXISTING CONDITIONS: This site was included in the mass grading that was completed for the old Business Park. The approved grading and drainage plan (L16-D23, approved 6-1-86) allows for free discharge from this site at a rate of 7 cfs. Most of the runoff from this site flows from the northeast to Centre Avenue. A portion of the northwest corner drains onto the undeveloped site to the west. An existing concrete rundown is located along the south property boundary. No offsite flows cross this property.

EXISTING HYDROLOGY:
Precipitation Zone: 2
Land Treatment: 100% C
 $Q_{100-6} = 3.14(2.3078) = 7.2 \text{ CFS}$

PROPOSED CONDITIONS: This site is planned to be developed with a single office building, parking and landscaping areas. The site will be graded so that all developed runoff will enter Centre Avenue. Runoff from Basin A will enter the stormwater retention pond and be released at a controlled discharge rate not to exceed 247 cfs. Basin B will have free discharge (4.53 cfs) to Centre Avenue. Total discharge to Centre Avenue will not exceed the allowable flow rate of 7 cfs.

PROPOSED HYDROLOGY:
Precipitation Zone: 2
Land Treatment: 68% D, 32% B
Area: Basin A = 1.02 Ac
Basin B = 1.288 Ac

$$W_{gt} E = (0.78(0.32) + 2.12(0.68)) = 1.69 \text{ inches}$$

$$Q_{100-A} = (2.28(0.32) + 4.10(0.68))1.02 = 3.59 \text{ cfs}$$

$$V_{6HR-A} = 1.69/12(1.02) = 0.14 \text{ AC.FT.} = 6257 \text{ CF}$$

$$Q_{100-B} = (2.28(0.32) + 4.10(0.68))1.288 = 4.53 \text{ CFS}$$

LEGEND

— 5240 — EXISTING CONTOUR
— 40 — PROPOSED CONTOUR

$\frac{TC=}{FL=}$ EXISTING TOP OF CURB ELEVATION
 EXISTING FLOWLINE ELEVATION
 x 00.00 EXISTING SPOT ELEVATION

TC=40.50	PROPOSED TOP OF CURB ELEVATION
FL=40.00	PROPOSED FLOWLINE ELEVATION
◆ 42.50	PROPOSED SPOT ELEVATION
== ==	EXISTING CURB & GUTTER
=====	PROPOSED CURB & GUTTER
== ==	EXISTING WALL OR HEAD WALL

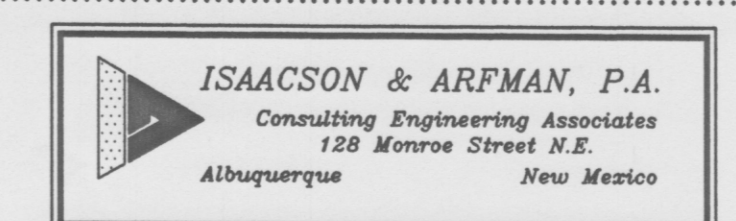
 CHAINLINK FENCE
 PROPOSED RETAINING WALL
 PROPOSED BASIN BOUNDARY
 PROPOSED BASIN NUMBER
 EXISTING CONCRETE RUNDOWN



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