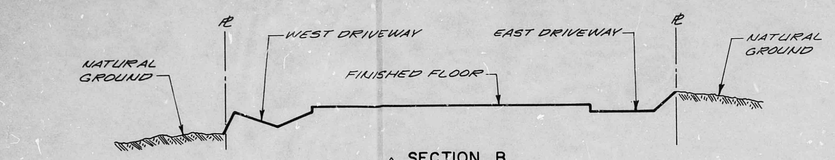
HYDROLOGY C17/D1j GRANT & ASSOC. OFFICE/WAREHOUSI

C17/D15

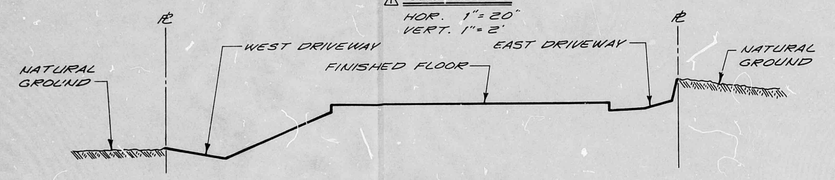
GRANT + ASSOC.

OFFICE / WAREHOUSE

1 PLAN



SECTION B
HOR. 1" = 20'
VERT. 1" = 2'

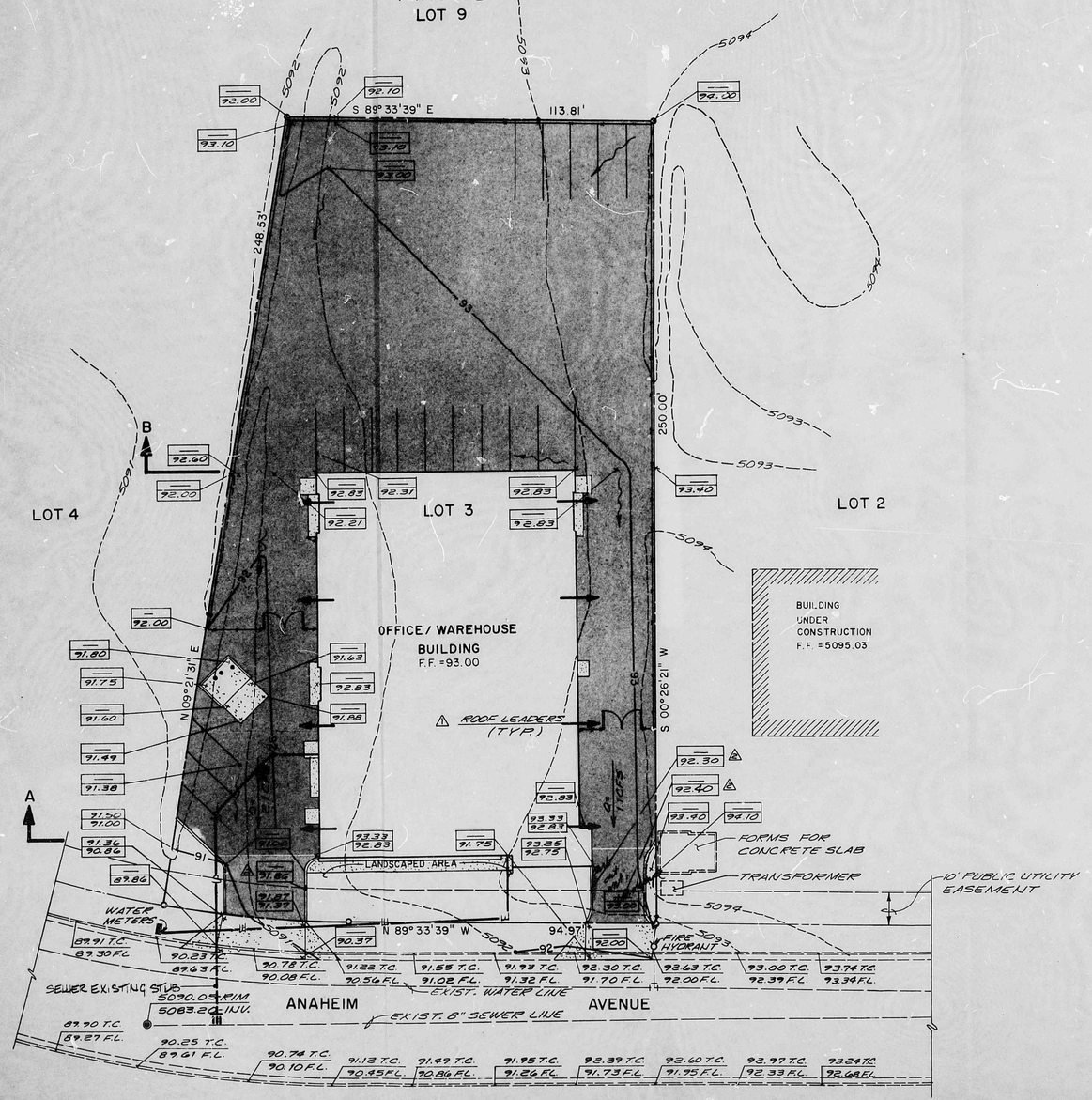


SECTION A
HOR. 1" = 20'
VERT. 1" = 2'

N

SCALE: 1" = 20'

LOT 9



DRAINAGE CHARACTERISTICS

DRAINAGE AREA = 0.767 AC

% IMPERVIOUS = 94%

SOIL TYPE = GROUP "B"

RUNOFF COEFFICIENT = 0.90 FROM DPM, PLATE 22.2, C-1

T_C = 3.6 MIN. USE 10 MIN. MINIMUM

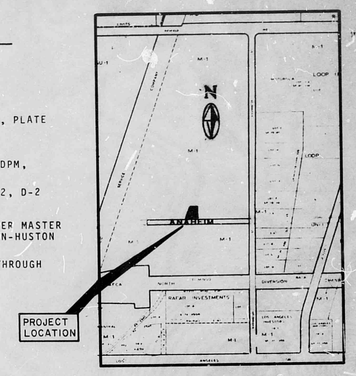
P(100 YR. - 6 HR.) - 2.2 IN. FROM DPM, PLATE 22.2, D-1

I = 4.65 IN/HR FROM DPM, PLATE 22.2, D-2

Q(100) = 3.2 CFS - DEVELOPED

DISCHARGE RATE = UNCONTROLLED AS PER MASTER DRAINAGE PLAN SUBMITTED BY BOHANNON-HUSTON AUGUST 1982 - CITY FILE C-17, DIA

METHOD OF DISCHARGE = SHEET FLOW THROUGH DRIVEWAYS INTO ANAHEIM N.E.



VICINTY MAP

ACS BENCH MARK:
ACS BRASS TABLET, STAMPED "8-C17, 1975", CEMENTED IN A DRILL HOLE IN TOP OF CONCRETE CURB.

LEGAL DESCRIPTION:
LOT 3 - CLIFFORD INDUSTRIAL PARK ZONE ATLAS C-17.

LEGEND

5093	EXISTING CONTOUR
T.C. 92.68 F.C. 92.00	EXISTING SPOT ELEVATION
	PROPOSED CONTOUR
T.C. 92.50 F.C. 92.00	PROPOSED SPOT ELEVATION
	CONCRETE
	ASPHALT PAVING
	CONCRETE CURB
	EXISTING CONCRETE CURB
	FLOW ARROW

NOTES:

1. ADD 5000 TO ALL SPOT ELEVATIONS.
2. ALL ELEVATIONS ARE FROM MEAN SEA LEVEL (M.S.L.).
3. TOPOGRAPHIC SURVEY AS PER A&E ENGINEERING, 11/15/84, JOHN ESQUIBEL L.S. #5949.
4. ALL DRIVEPADS ARE TO BE CITY STD. P-11-3.
5. NO OFF-SITE FLOWS ENTER SITE.
6. SITE DOES NOT LIE WITHIN A FLOOD HAZARD AREA.

RECEIVED MAR 01 1985 HYDROLOGY SECTION

△ REVISED 2-25-85
△ REVISED 1-2-85

DRAINAGE AND GRADING PLAN

MOLZEN-CORBIN & Associates
ENGINEERS/PLANNERS/CONSULTANTS Albuquerque • New Mexico • Carlsbad

REVISIONS

GRANT & ASSOCIATES
4431 ANAHEIM N.E.
ALBUQUERQUE, NEW MEXICO

DRAINAGE/GRADING PLAN

C-2