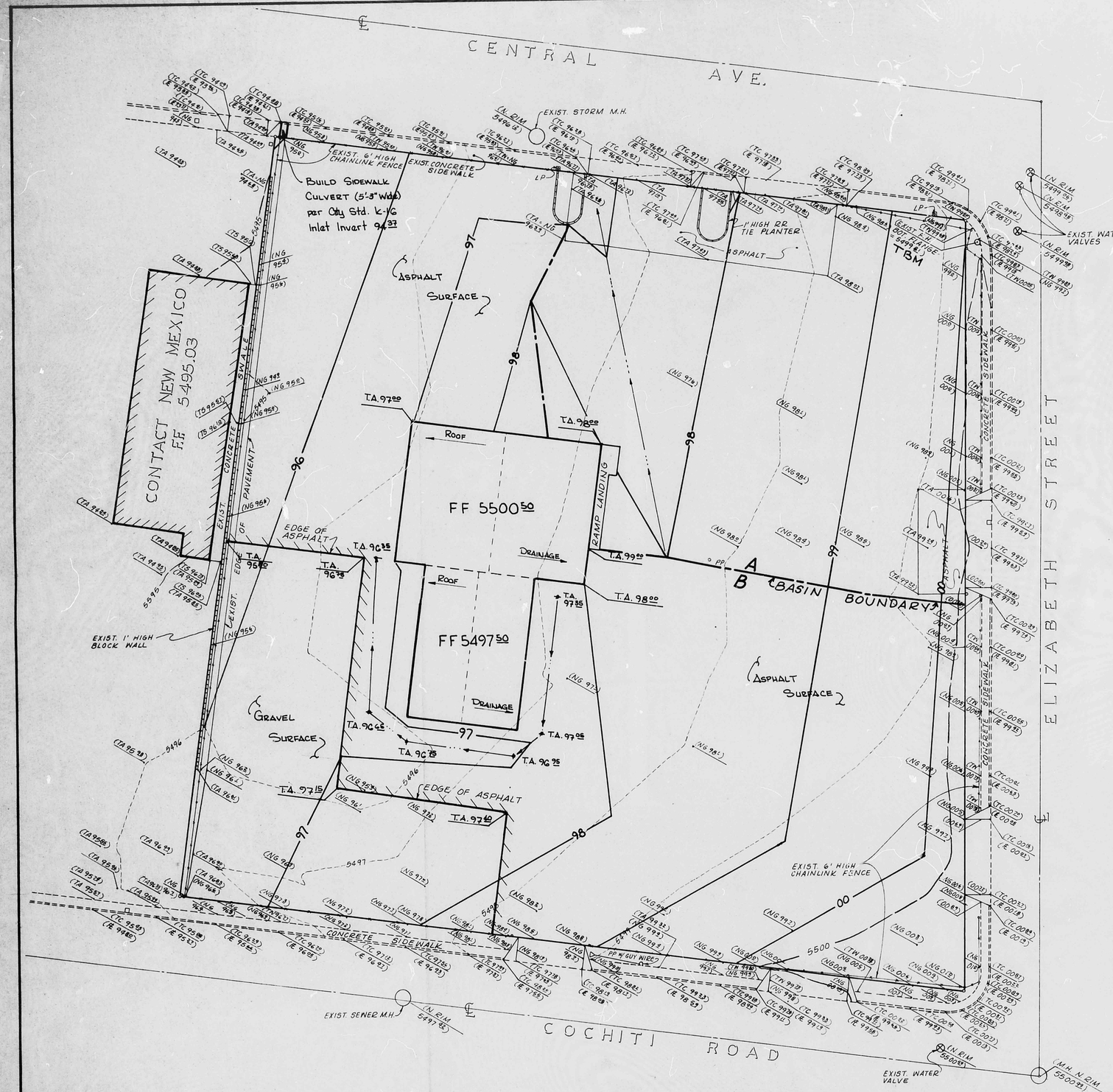
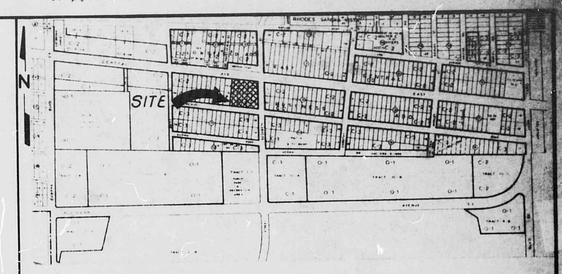
Hydrology L21/D23 Camptown

L21/D23

CAMPTOWN

1 PLAN





VICINITY MAP L-21

ADDRESS: 10950 CENTRAL AVE., S.E.

LEGAL: TRACT B, EAST CENTRAL BUSINESS ADDITION

OFFSITE DRAINAGE: OFFSITE FLOWS FOR STORMS OF LESS MAGNITUDE THAN THE 100 YEAR EVENT ARE CONFINED TO THE STREETS. (SEE FLOOD HAZARD BOUNDARY MAP PANEL 37, DATED OCTOBER 1983)

ONSITE DRAINAGE: ALL ONSITE FLOWS ARE ROUTED TO CENTRAL AVENUE THROUGH DRIVEPADS OR SIDEWALK CULVERTS. (SEE PRE-DESIGN CONFERENCE RECAP DATED 2/12/85)

BASIN A = 23,285 S.F.
Q = (0.95) (4.83) (23,285/43,560)
= 2.45 CFS

BASIN B = 64,690 S.F.
Q = (0.95) (4.83) (64,690/43,560)
= 6.8 CFS

SIDEWALK CULVERT:
Q = CLH 3/2
C = 2.6
H = 0.63 FT.
L = 5.2 FT. MIN. REQUIRED
USE 3 @ 1'9" = 5.25'

CITY BENCH MARK - ACS 5-L21; ELEV.: 5,466.535

SITE BENCH MARK - BOTTOM FLANGE OF FIRE HYDRANT AT NORTHEAST CORNER OF SITE 5499.81

LEGEND

(99.91)	EXISTING ELEVATION
98.22	PROPOSED ELEVATION
T.C.	TOP OF CURB
T.A	TOP OF ASPHALT
T.W.	TOP OF WALK
T.S.	TOP OF CONCRETE SLAB
℄	FLOW LINE
N.G.	NATURAL GROUND
F.F.	FINISH FLOOR
-----	EXISTING CONTOUR
———	PROPOSED CONTOUR
PP	POWER POLE
LP	LIGHT POLE

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292-5500
JOE GORLEY

EAST CENTRAL BUSINESS ADDITION

GRADING PLAN

REGISTERED PROFESSIONAL ENGINEER AND LAND SURVEYOR NO. 5110 STATE OF NEW MEXICO JEAN J. BOISSEVAIN 3/7/85

DMJM / Adam, Hamlyn, Anderson
5700 Harper Drive NE, Suite 280
Albuquerque, New Mexico 87109
(505) 822-7955

DATE:
SHEET 1 OF 1

L21/D23