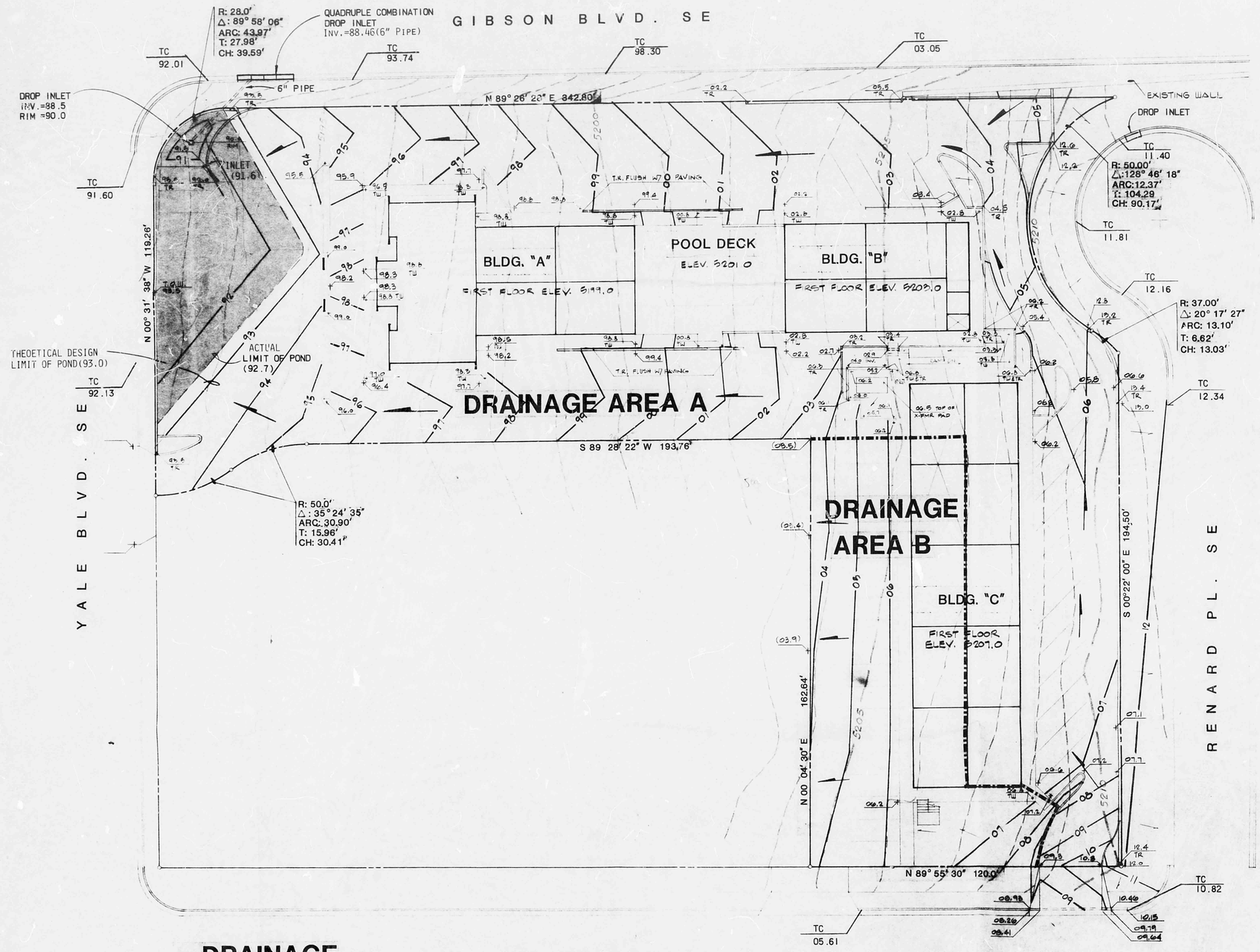
HYDROLOGY

M16/D2
ONE PLAN

M 16/D2

1 PLAN



DRAINAGE AND GRADING PLAN

DRAINAGE INFORMATION

PREDEVELOPMENT:

Q = 2.47 cfs
V = 5,003 cu.ft.

DEVELOPED:

Q = 6.6 cfs
V = 10,630 cu.ft.

POND:

Capacity = 5,005 cu.ft.
Max. = 3,678 cu.ft.(W/ DISCHARGE)
Q_o = 2.2 cfs
Spillway Elev. = 5192.7

DETERMINE POND VOLUME ASSUMING NO

CREDIT FOR PIPE DISCHARGE:

DEVELOPED VOLUME : (0.85)(0.2)(52334) = 8897 C.F.

UNDEVELOPED VOLUME:(0.4)(0.2)(52334) = 4187 C.F.

POND CAPACITY = 4710 C.F.

LEGEND

DRAINAGE AREA BOUNDARY
FLOW DIRECTION
LIMITS OF POND
TC — TOP OF CURB

REVISIONS

1. 6/3/81 REVISED POND CAPACITY AND LIMITS.

Revised

EXHIBIT I

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REVISION	DATE	DESCRIPTION
6		
5		
4		
3		
2		
1		

CCIC
Chambers, Campbell, Isbacson/Chapin, Inc.

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(512) 349-1221

La Quinta MOTOR INN
ALBUQUERQUE, NEW MEXICO
YALE BLVD. AND GIBSON BLVD.
PROPERTY NO.

DATE
SCALE
SHEET C-2