DRAINAGE AREA MAP
MONTICELLO ESTATES
PHASE TWO
Jan, 1993 91-030
Rev. 2-24-93 T.J.D. Tq to orig. discharge pt.

ORIG. AREA TO LOW.
11.8 Ac. @ 1.87 = 22.07 cfs. (15 yr. Storm)
(11.8 Ac. @ 2.31 = 27.26 cfs. (25 yr. Storm)
Allowable Out-Flow = 23.95 cfs. (25 yr. Storm)

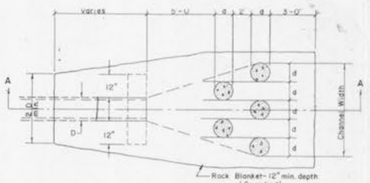
T.Q. to Detention Area:

FE 2-1 =	35.48 cfs.
FE 2-22 =	31.90 cfs.
FE 2-43 =	2.77 cfs.
Sheet Flow =	1.06 cfs.
	71.21 cfs.

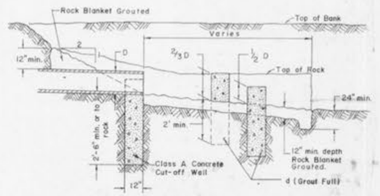
N / F
SOKOLIK
BK 1347 PG 1241

Existing 100 YEAR FLOOD Plain Limits

GRAPHIC SCALE
50 0 50 100
(IN FEET)
1 inch = 50 ft.



PLAN VIEW
D = Diameter
d = Half Dia.



SECTION A–A
D = Diameter d = Half Dia.

End of Pipe with Energy Dissipator
FOR 12" – 24" CULVERTS

BID YARDAGE: 293,400 CU. YDS.
(DOES NOT INCLUDE SUBGRADE)

THIS SHEET FOR DRAINAGE PURPOSES ONLY – NOT FOR CONSTRUCTION