10' WIDE
EMERGENCY
SPILLWAY
ELEV. 482.83

MAINTENANCE EASEMENT

S 64° 14' 52" W
53.84'

485

S 33° 47' 04" W
114.45'

S 23° 05' 00" W
96.92'

S 4° 55' 37" W
138.34'

N 44° 46' 40" W
69.12'

60°-24" RCP
@ 1.39%

INLET 5
TC 494.65
FL 493.54
INV 488.68

INLET 5A
TC 493.65
FL 493.16
INV 490.16

80°-15" RCP
@ 1.85%

50'

40'

R

PT

AREA 8 = 4.73 AC

5' PUBLIC UTILITY EASEMENT

5+0

N

1" = 30'

N 59° 41' 29" E
222.86'

N 20° 59' 10" W
121.44'

20' DRAINAGE EASEMENT

END PIPE 5A
END SECTION REQD
IN 487.82

N 17° 56' 51" E
220.47'

MAINTENANCE EASEMENT

BASIN NO. 2
LAKE ELEV. 479.53

5+50

LOT

5

60°-24" ADS
@ 26%

S 02° 51' 11" E
60.80'

N 35° 53' 42" E
444.13'

DROP STRUCTURE
TOP CAST 479.94
INV. 476.36

TOP BERM
ELEV. 484.05
10' WIDE

END PIPE B
INV 476.20
24" ADS

15' DRAINAGE EASEMENT

S 55° 13' 42" E
142.03'

N 00° 00' 00" E
148.15'

81.80'

N 88° 57' 05" E

30' DRAINAGE EASEMENT

40' DRAINAGE EASEMENT

S 64° 33' 44" W 498.32'

SEE SHEET 5OF 5 FOR END SECTION DETAIL

TOP BERM ELEV. 484.05

DROP STRUCTURE
TOP CASTING 479.94
INV. 475.36

60°-24" ADS
@ .26%

END PIPE B
INV. 476.20

WATER ELEV. 479.53

TOP BERM ELEV. 484.05

BOTTOM ELEV. 467.00.

3:1 SLOPE

3:1 SLOPE

RIP RAP REQD.

PROPOSED OUTFALL STRUCTURE
FOR PROPOSED LAKE
SCALE: NONE

10'

BERM 484.05

EMERGENCEY EL. 482.83

BERM 484.05

RIP-RAP

3:1 SLOPE

WATER EL.
479.53

3:1 SLOPE

EMERGENCY OVERFLOW
X- SECTION
SCALE: NONE

NOTE: ALL CONTOURS
ARE EXISTING.

ELMO DOUGLAS DOCKERY
REGISTER
0920
LAND SURVEYOR, STATE OF INDIANA

Elmo D Dockery

UTILITIES CONSULTING INC.
104 STATE STREET
NEWBURGH, IN. 47630

PROPOSED LAKE
EQUESTRIAN HILLS
AS BUILT

DATE 12-7-98	SCALE 1"= 30'
JOB# 97-3-2	SHEET 3 OF 3