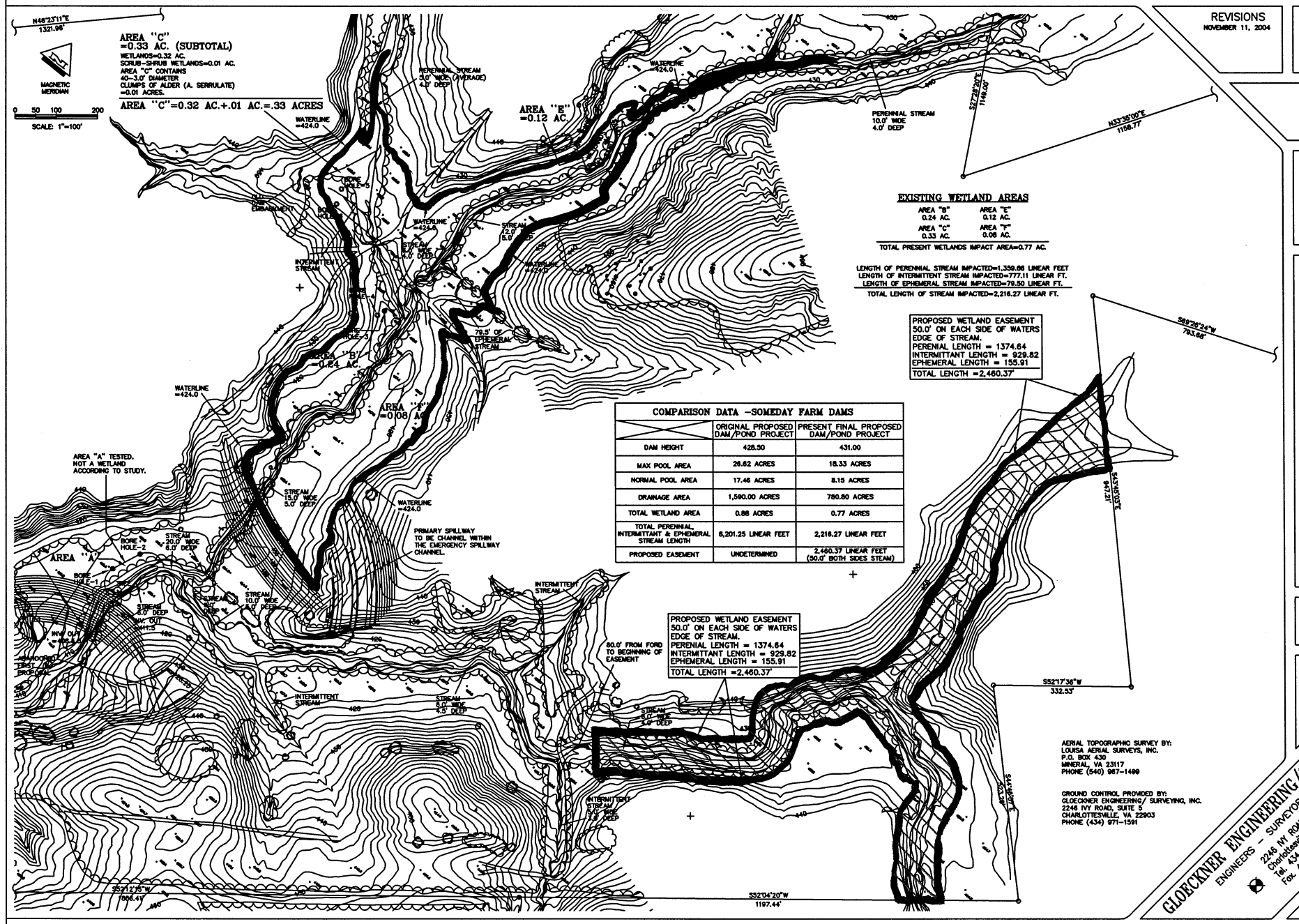

EXISTING WETLAND AREAS

AREA "B" 0.24 AC.	AREA "E" 0.12 AC.
AREA "C" 0.33 AC.	AREA "F" 0.08 AC.

TOTAL PRESENT WETLANDS IMPACT AREA=0.77 AC.

LENGTH OF PERENNIAL STREAM IMPACTED=1,359.66 LINEAR FEET
LENGTH OF INTERMITTENT STREAM IMPACTED=777.11 LINEAR FT.
LENGTH OF EPHEMERAL STREAM IMPACTED=79.50 LINEAR FT.
TOTAL LENGTH OF STREAM IMPACTED=2,216.27 LINEAR FT.

COMPARISON DATA -SOMEDAY FARM DAMS

	ORIGINAL PROPOSED DAM/POND PROJECT	PRESENT FINAL PROPOSED DAM/POND PROJECT
DAM HEIGHT	428.50	431.00
MAX POOL AREA	26.62 ACRES	18.33 ACRES
NORMAL POOL AREA	17.46 ACRES	8.15 ACRES
DRAINAGE AREA	1,590.00 ACRES	780.80 ACRES
TOTAL WETLAND AREA	0.88 ACRES	0.77 ACRES
TOTAL PERENNIAL, INTERMITTANT & EPHEMERAL STREAM LENGTH	6,201.25 LINEAR FEET	2,216.27 LINEAR FEET
PROPOSED EASEMENT	UNDETERMINED	2,460.37 LINEAR FEET (50.0' BOTH SIDES STEAM)

AERIAL TOPOGRAPHIC SURVEY BY:
LOUISA AERIAL SURVEYS, INC.
P.O. BOX 430
MINERAL, VA 23117
PHONE (540) 967-1499

GROUND CONTROL PROVIDED BY:
GLOECKNER ENGINEERING/ SURVEYING, INC.
2246 IVY ROAD, SUITE 5
CHARLOTTESVILLE, VA 22903
PHONE (434) 971-1591

Farm/Stock Pond

Vegetated Buffers

REVISIONS	DATE
NOVEMBER 11, 2004	AUGUST 13, 2004

SCALE
1"=100'

SOMEDAY FARM
ORANGE COUNTY, VIRGINIA

FINAL ALTERNATE DAM SITE

JOB NUMBER
03-035-00

DWG. NAME
ALTDAMSITE.DWG

GLOECKNER ENGINEERING/SURVEYING INC.
ENGINEERS - SURVEYORS - PLANNERS
2246 IVY ROAD, SUITE 5
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SHEET
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