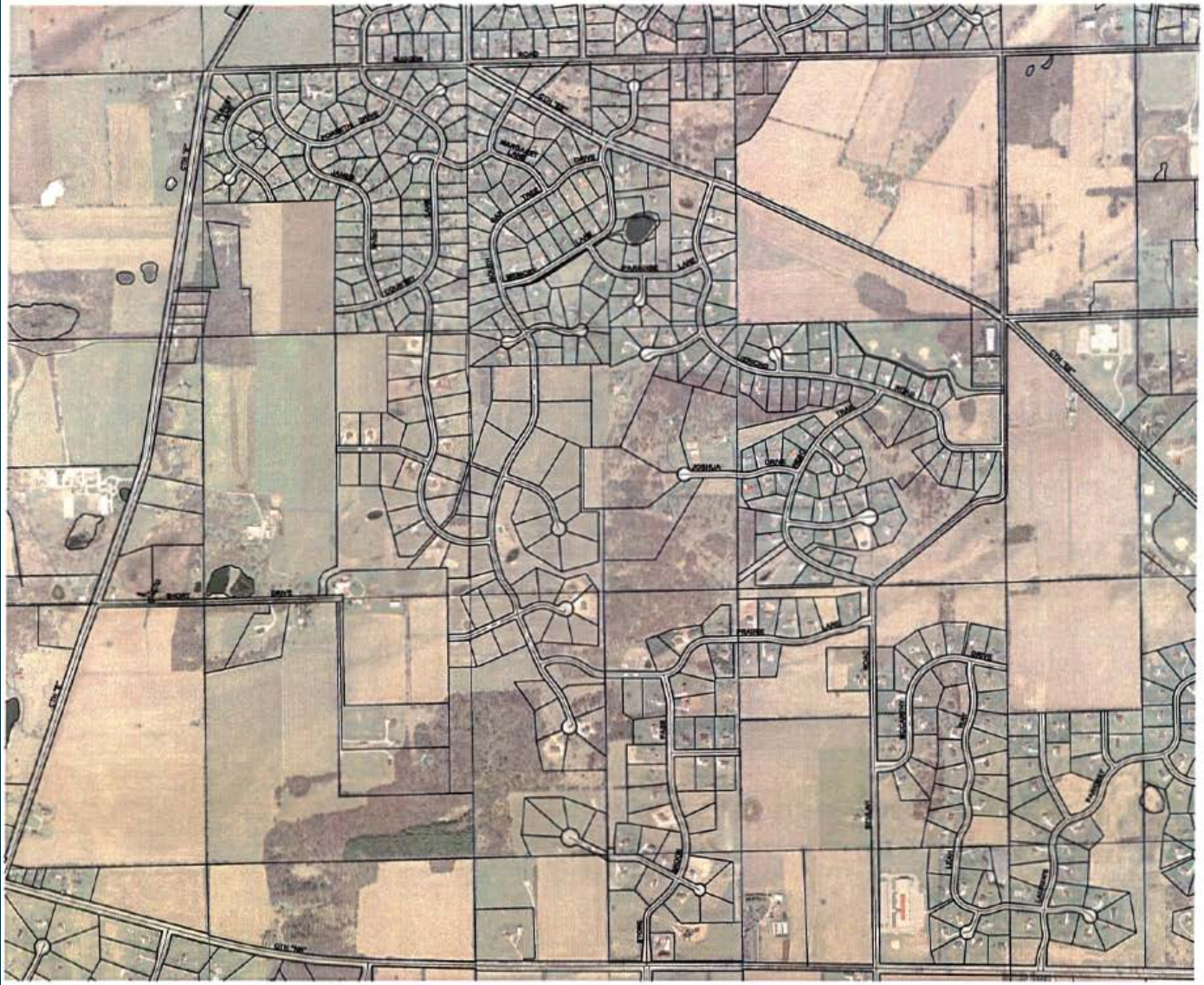

Country Bliss

Flood of 2008

N
W E
S

DATE: JULY 2008

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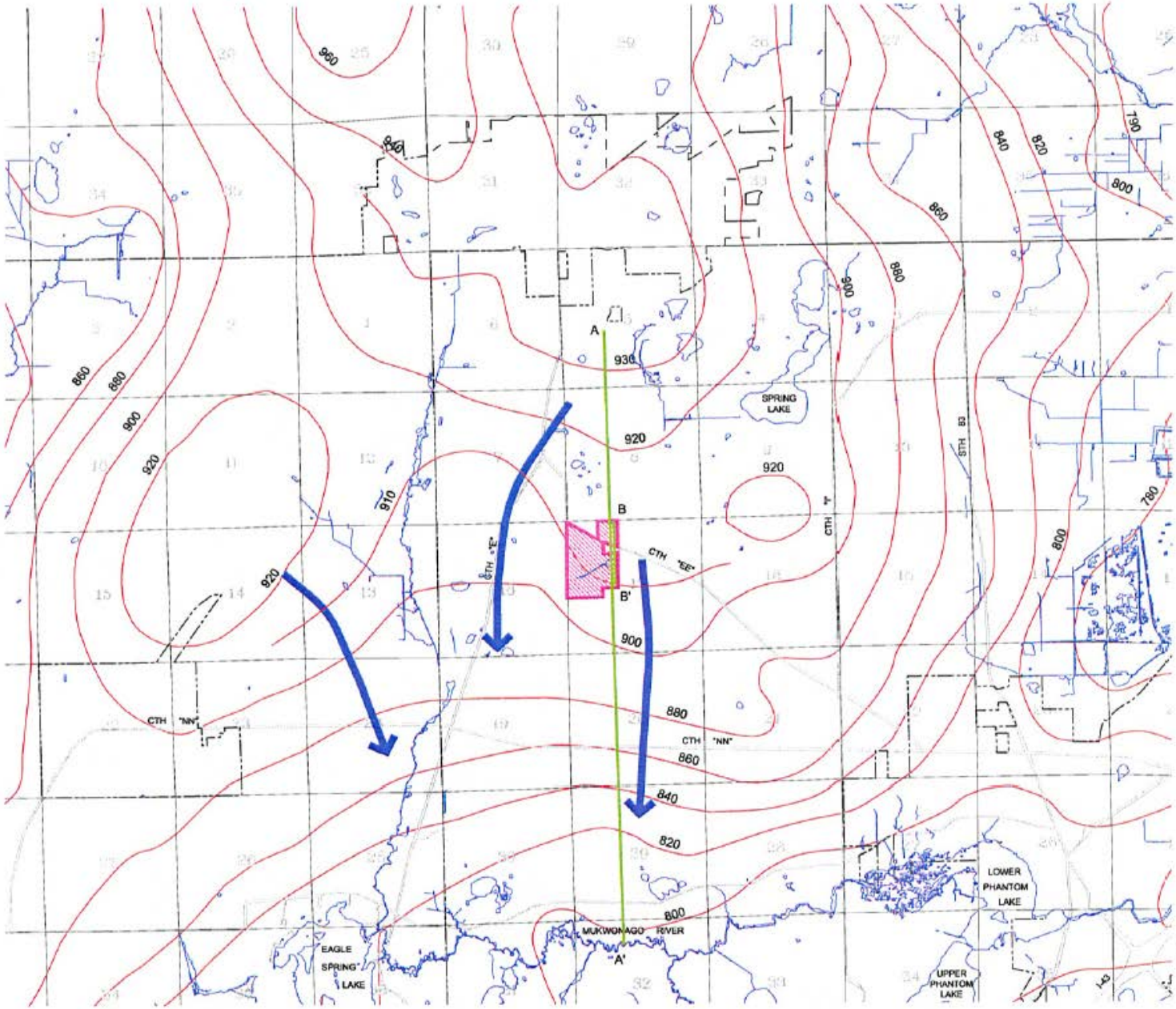


FIGURE 1

CROSS SECTION LOCATIONS
SHALLOW GROUND WATER MAP

COUNTRY BLISS SUBDIVISION

MUKWONAGO, WISCONSIN

LEGEND

COUNTRY BLISS SUBDIVISION

900 LINE OF EQUAL GROUND WATER ELEVATION (CI=10ft)

GROUND WATER FLOW DIRECTION

A A' CROSS SECTION

N W E S

0 3000 6000 12000

SCALE IN FEET

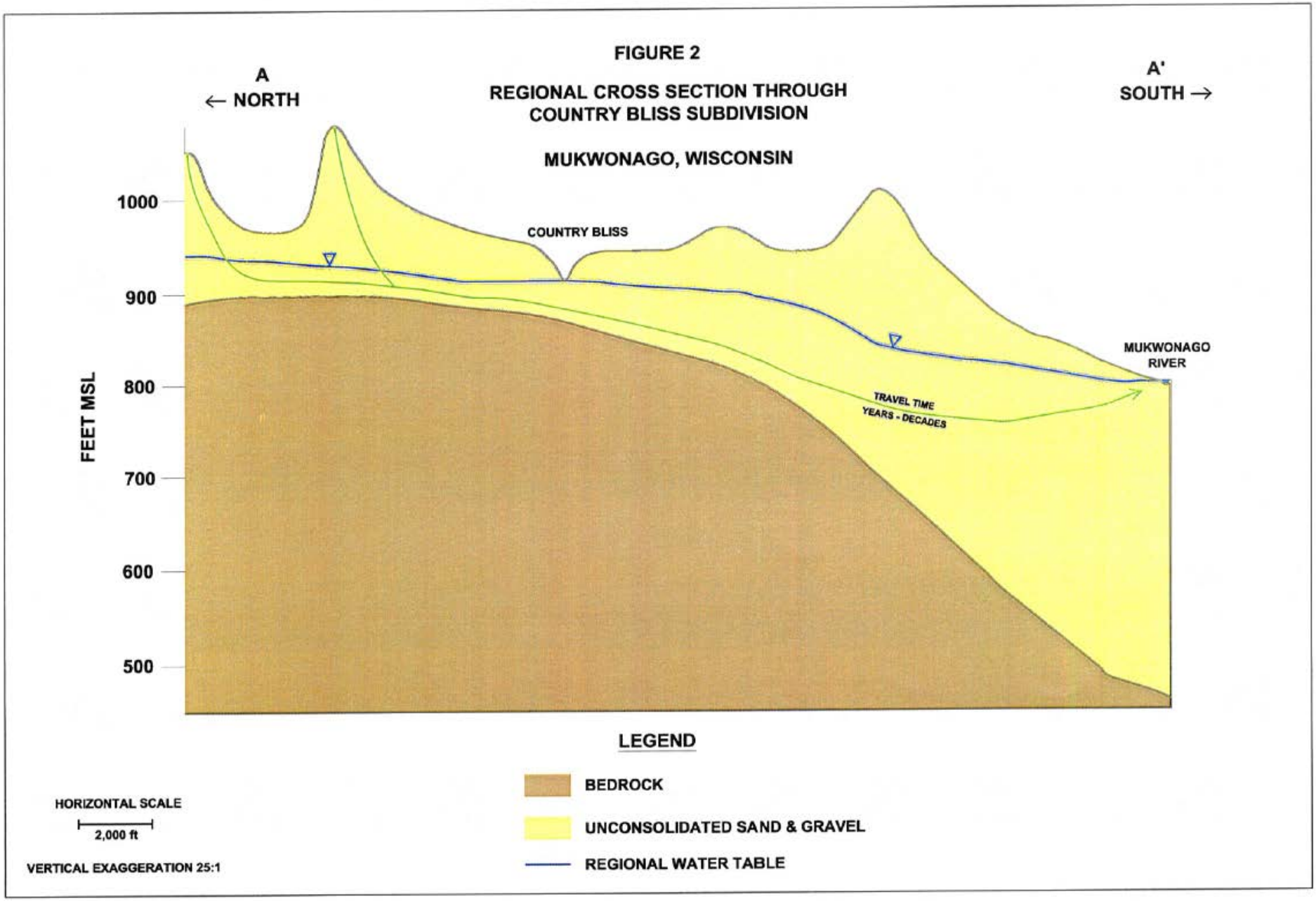


FIGURE 2
REGIONAL CROSS SECTION THROUGH
COUNTRY BLISS SUBDIVISION
MUKWONAGO, WISCONSIN
A
← NORTH
A'
SOUTH →
1000
900
800
700
600
500
FEET MSL
COUNTRY BLISS
MUKWONAGO
RIVER
TRAVEL TIME
YEARS - DECADES
LEGEND
BEDROCK
UNCONSOLIDATED SAND & GRAVEL
REGIONAL WATER TABLE
HORIZONTAL SCALE
2,000 ft
VERTICAL EXAGGERATION 25:1

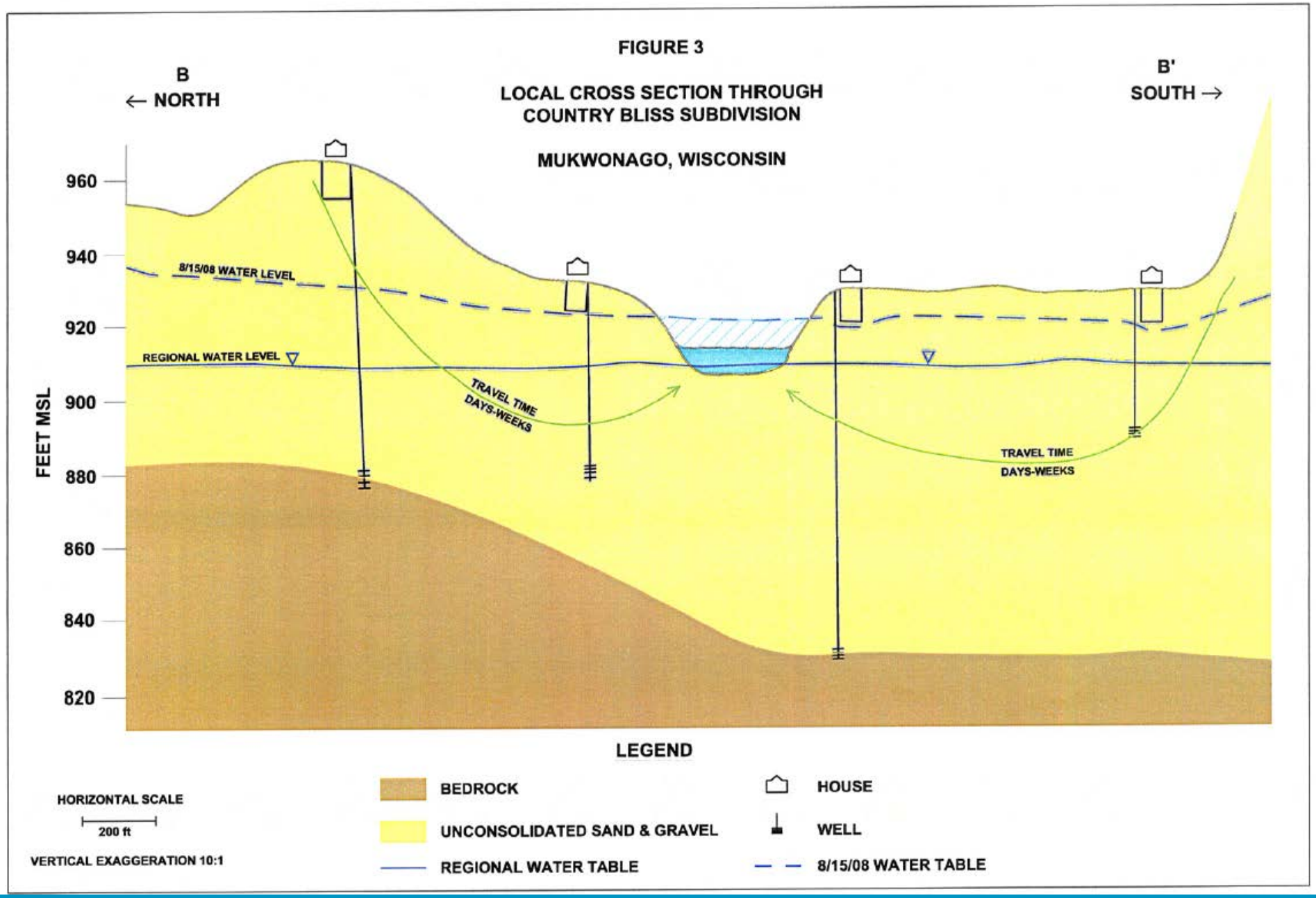
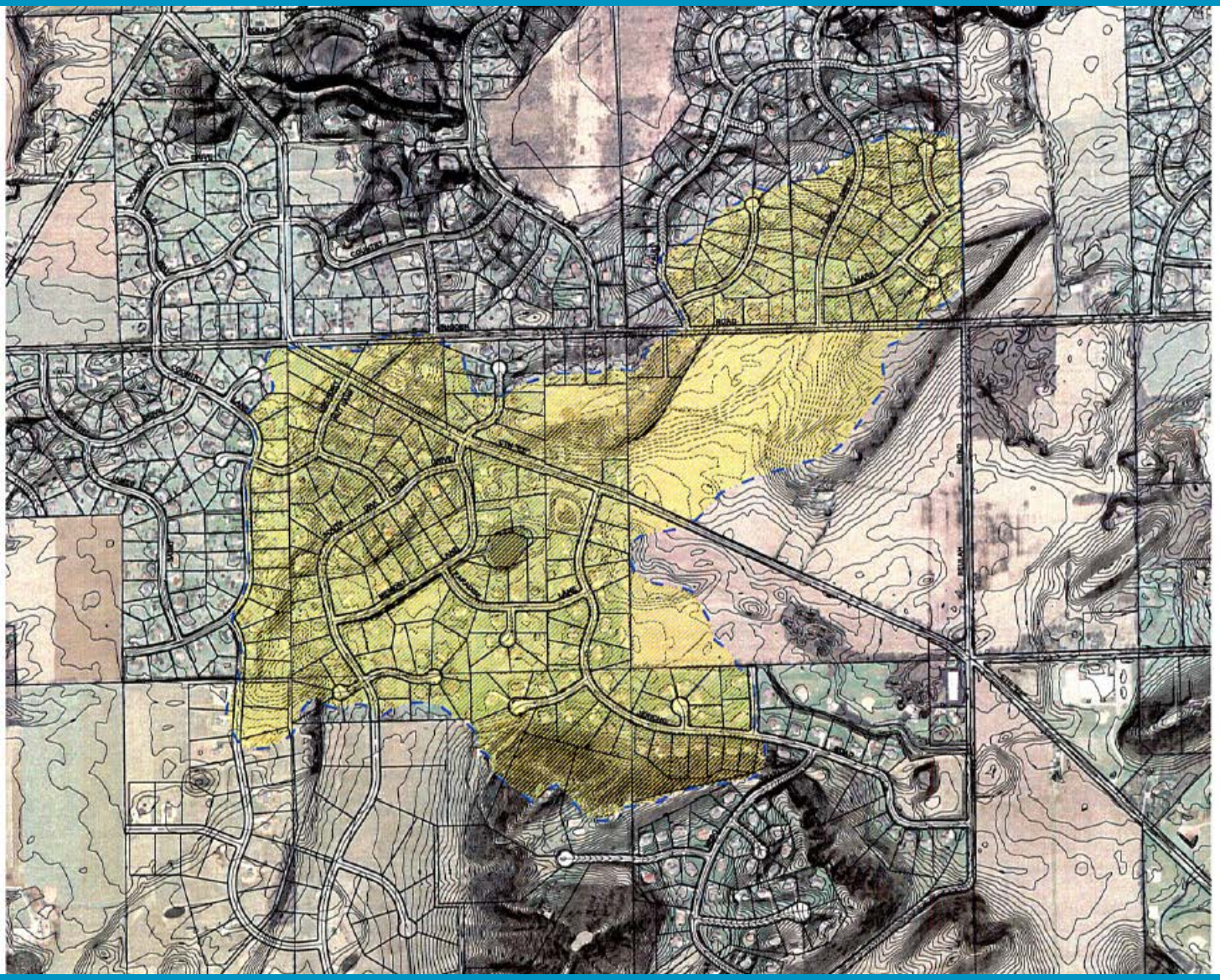


FIGURE 3
LOCAL CROSS SECTION THROUGH
COUNTRY BLISS SUBDIVISION
MUKWONAGO, WISCONSIN
B
← NORTH
B'
SOUTH →
FEET MSL
960
940
920
900
880
860
840
820
8/15/08 WATER LEVEL
REGIONAL WATER LEVEL
TRAVEL TIME
DAYS-WEEKS
TRAVEL TIME
DAYS-WEEKS
LEGEND
BEDROCK
UNCONSOLIDATED SAND & GRAVEL
REGIONAL WATER TABLE
HOUSE
WELL
8/15/08 WATER TABLE
HORIZONTAL SCALE
200 ft
VERTICAL EXAGGERATION 10:1



MAP 1

COUNTRY BLISS STORM WATER DRAINAGE BASIN

TOWN OF MUKWONAGO
WAUKESHA COUNTY, WISCONSIN

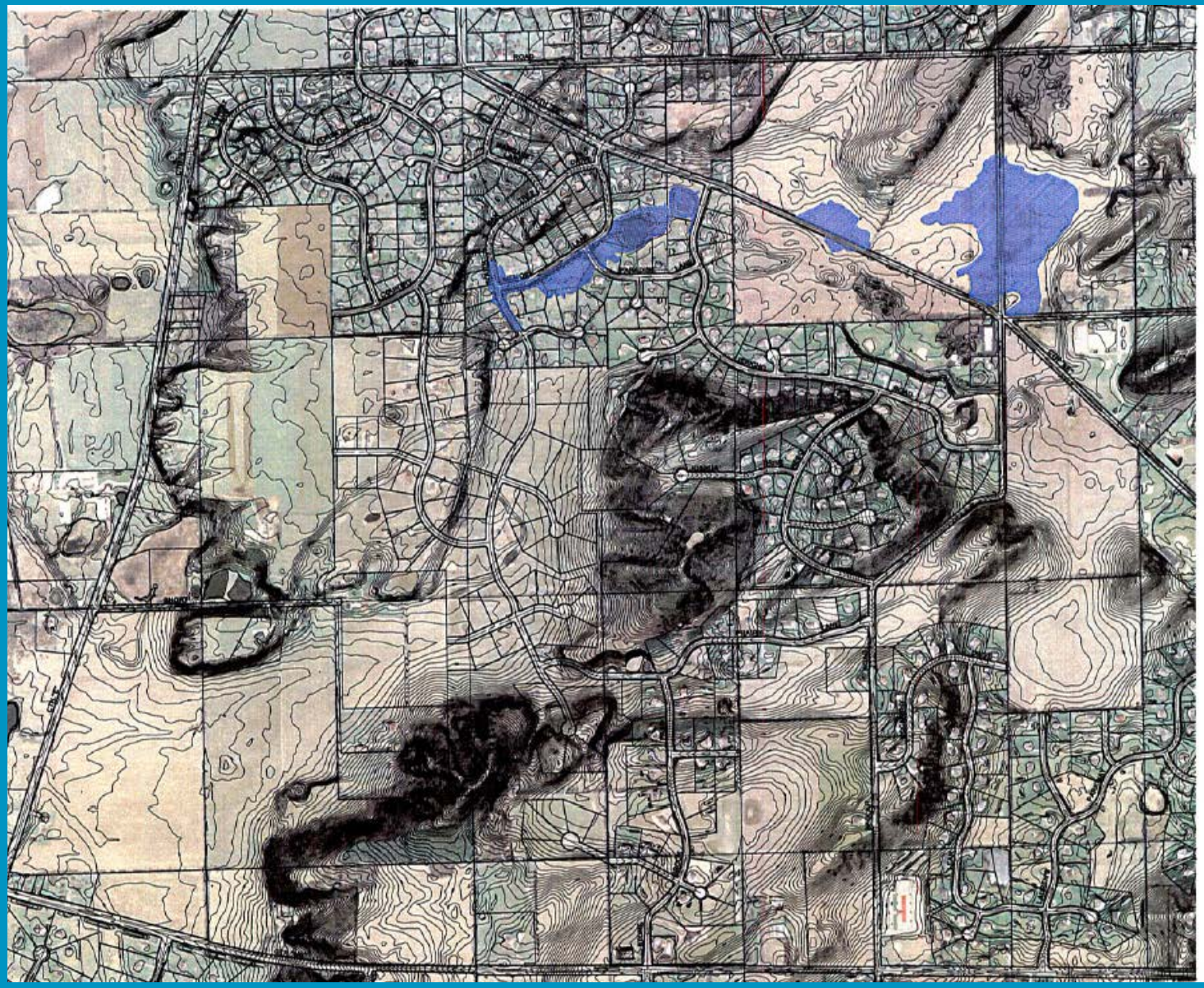
LEGEND

DRAINAGE BASIN

N
W E
S

SCALE IN FEET

DATE: SEPTEMBER 2008



MAP 4

COUNTRY BLISS ALTERNATIVES

TOWN OF MUKWONAGO
WAUKESHA COUNTY, WISCONSIN

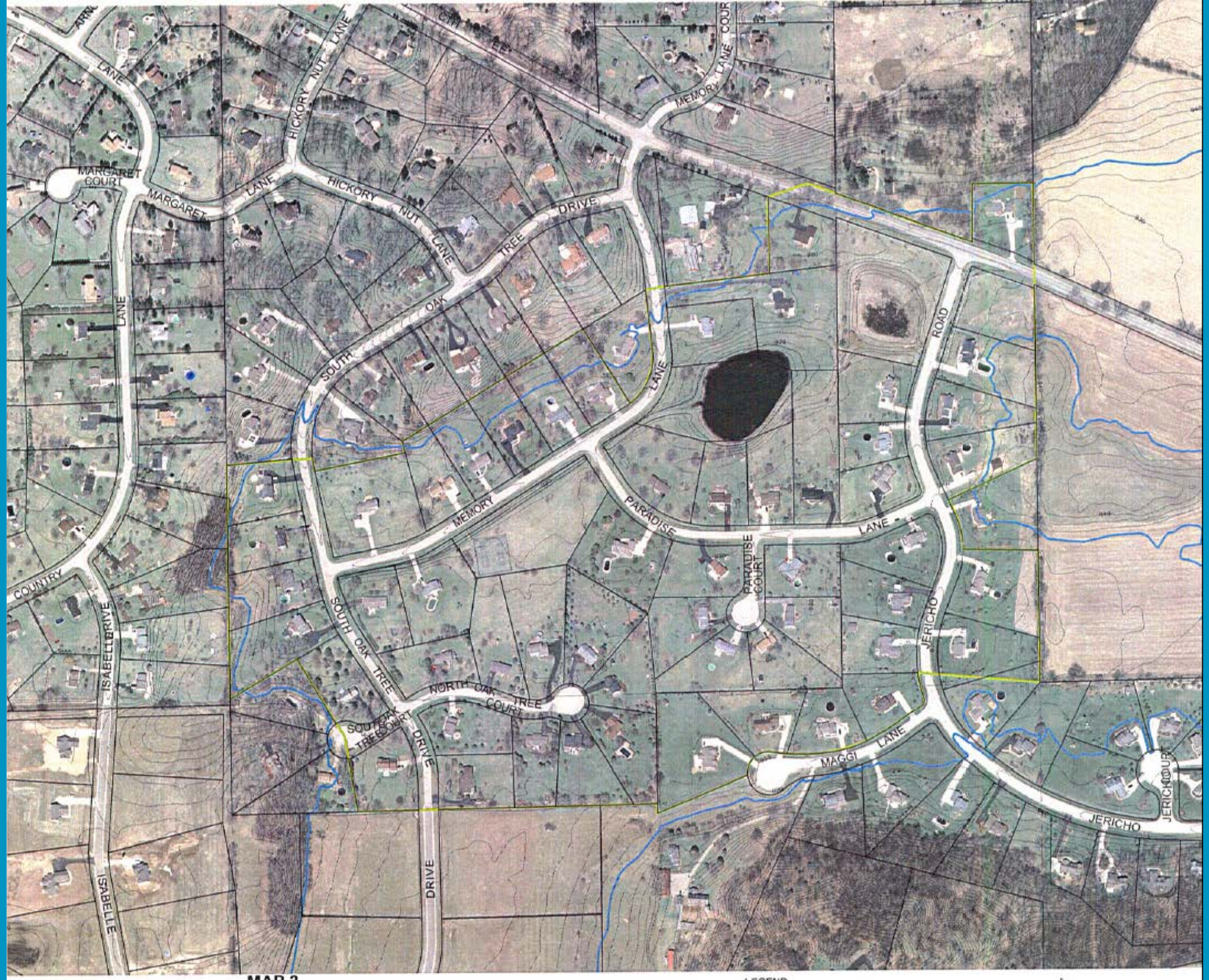
LEGEND

APPROXIMATE EXTENT OF FLOOD

N
W E
S

SCALE IN FEET

DATE: JULY 200



MAP 2

COUNTRY BLISS MONITORING WELL & HYDROLOGY RESULTS

TOWN OF MUKWONAGO
WAUKESHA COUNTY, WISCONSIN

LEGEND

BOUNDARY LINE

CONTOUR 934

Ruekert-Mielk

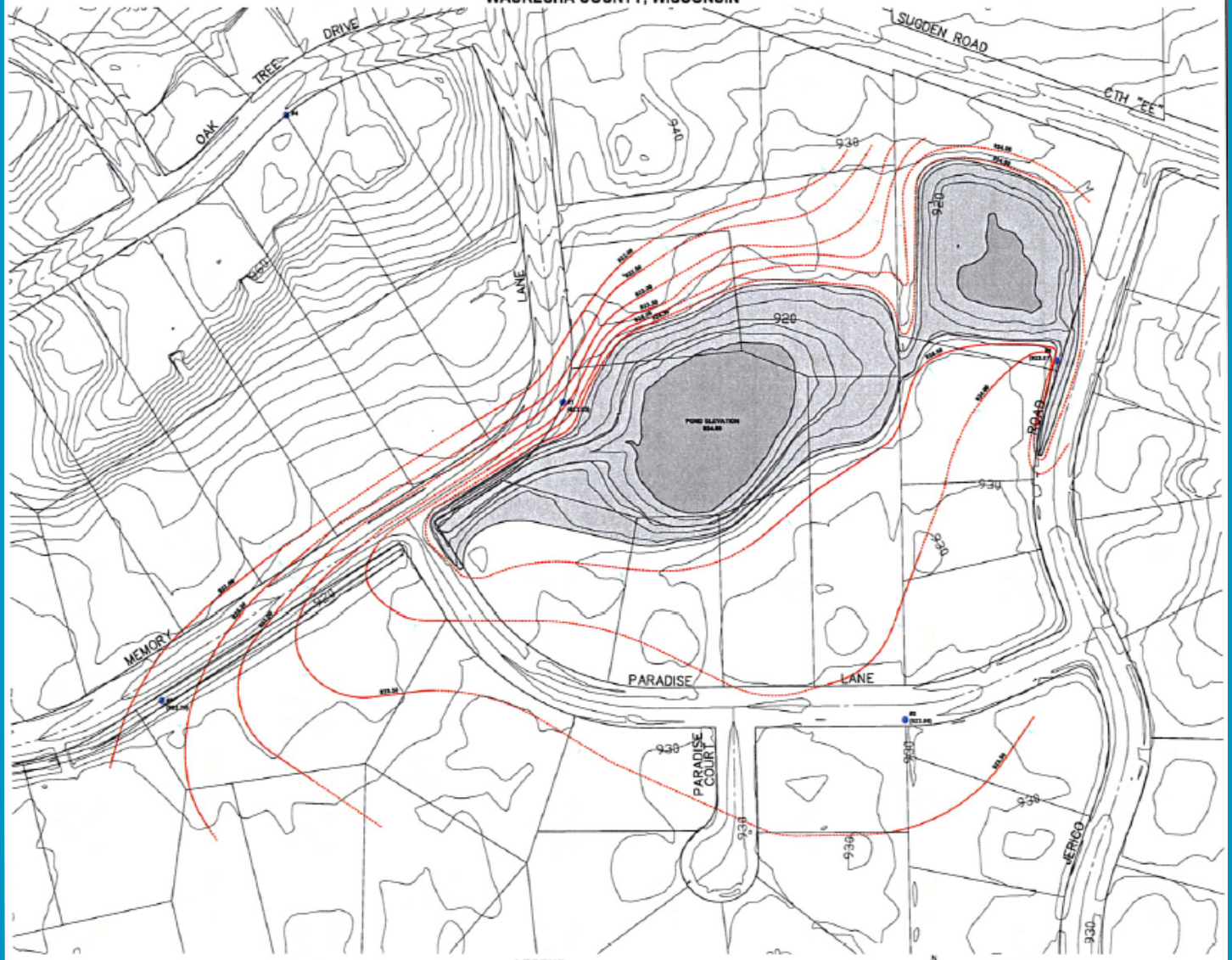
MAP 3

COUNTRY BLISS QUESTIONNAIRE RESPONSE MAP

TOWN OF MUKWONAGO
WAUKESHA COUNTY, WISCONSIN

FIGURE 1
EFFECTS OF PUMPING ON GROUNDWATER TABLE AND CONE OF DEPRESSION
DATE: 7-22-08

TOWN OF MUKWONAGO
WAUKESHA COUNTY, WISCONSIN



LEGEND

LINE OF EQUAL GROUNDWATER ELEVATION (FT MSL) DASHED WHERE INFERRED

MONITORING WELL LOCATION (GROUNDWATER ELEVATION FT MSL)

DIRECTION OF GROUNDWATER FLOW

DATE: AUGUST 20, 2008

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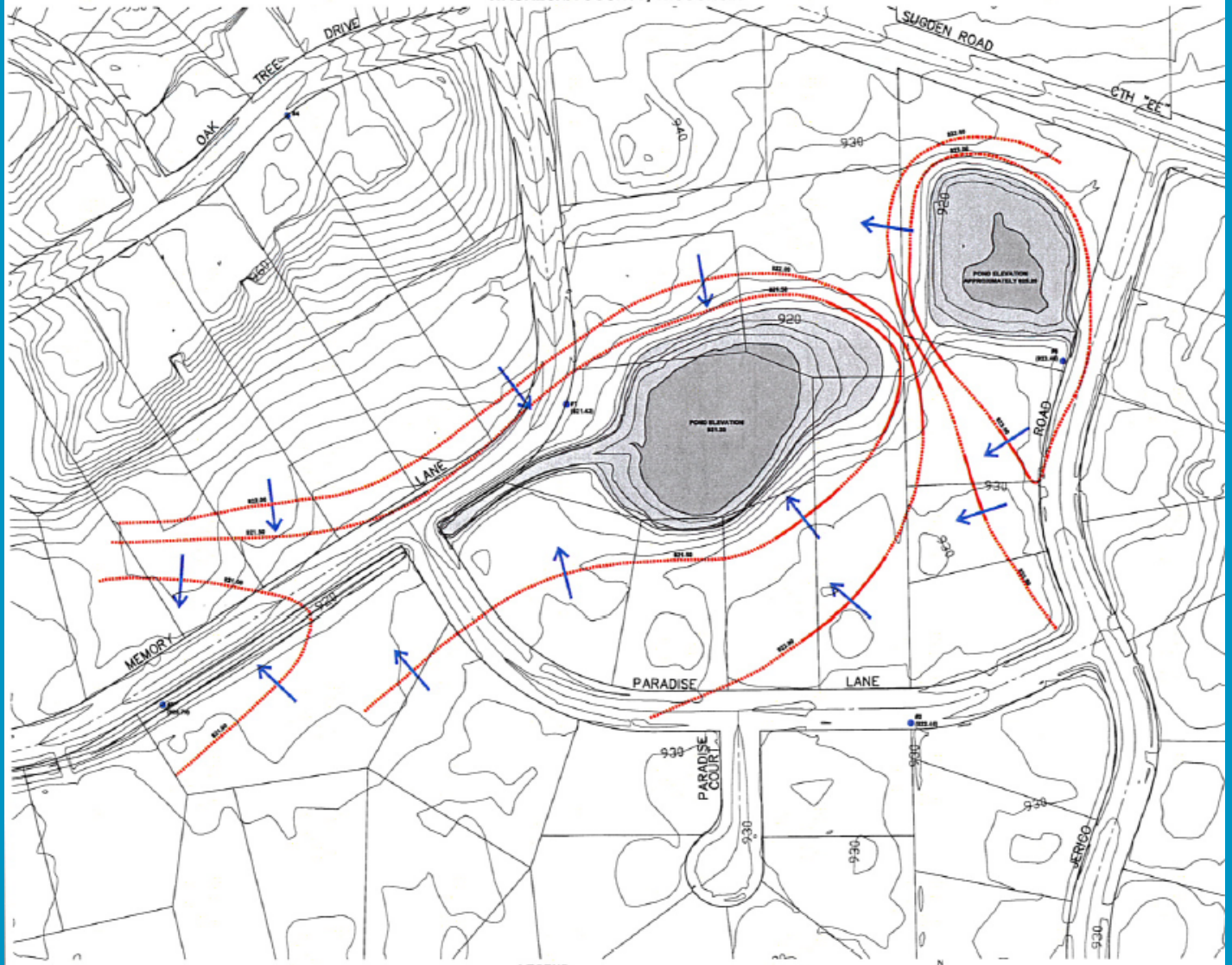
WATER TABLE ELEVATION
DATE: 8-15-08

COUNTRY BLISS SUBDIVISION

TOWN OF MUKWONAGO
WAUKESHA COUNTY, WISCONSIN



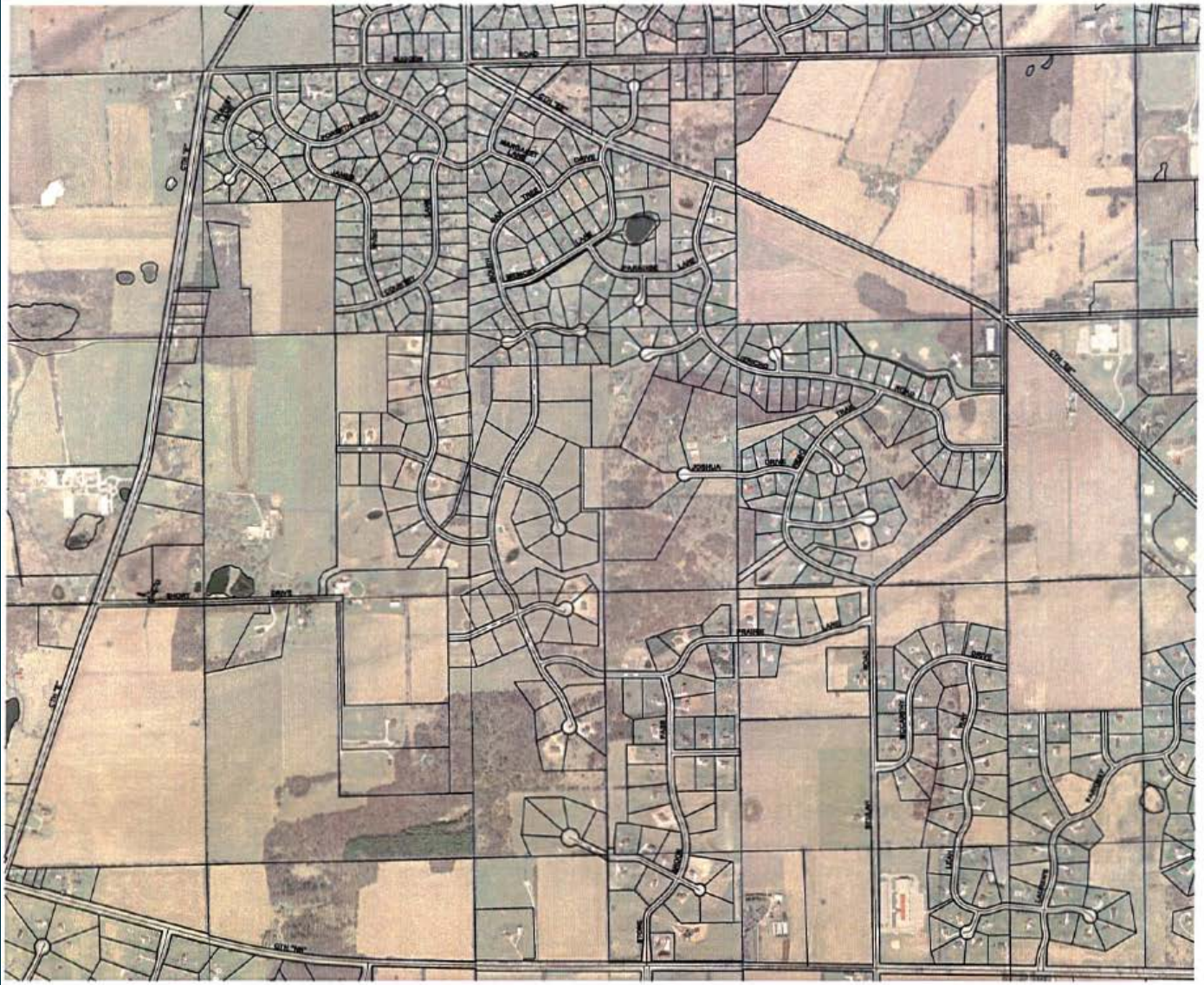
LEGEND

- LINE OF EQUAL GROUNDWATER ELEVATION (FT MSL) DASHED WHERE INFERRED (CI = 0.5 ft)
- MONITORING WELL LOCATION (GROUNDWATER ELEVATION FT MSL)
- DIRECTION OF GROUNDWATER FLOW
- TOPOGRAPHIC CONTOUR (CI = 2 ft)

TOWN OF MUKWONAGO

Ruekert·Mielke

DATE: AUGUST 20, 2008



Thank You!

Questions?

DATE: JULY 2008

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