

2010 Design Project Area

ARBORETUM POND 3

W BADGER RD  
DETENTION POND

PRIVATE POND

W BADGER RD

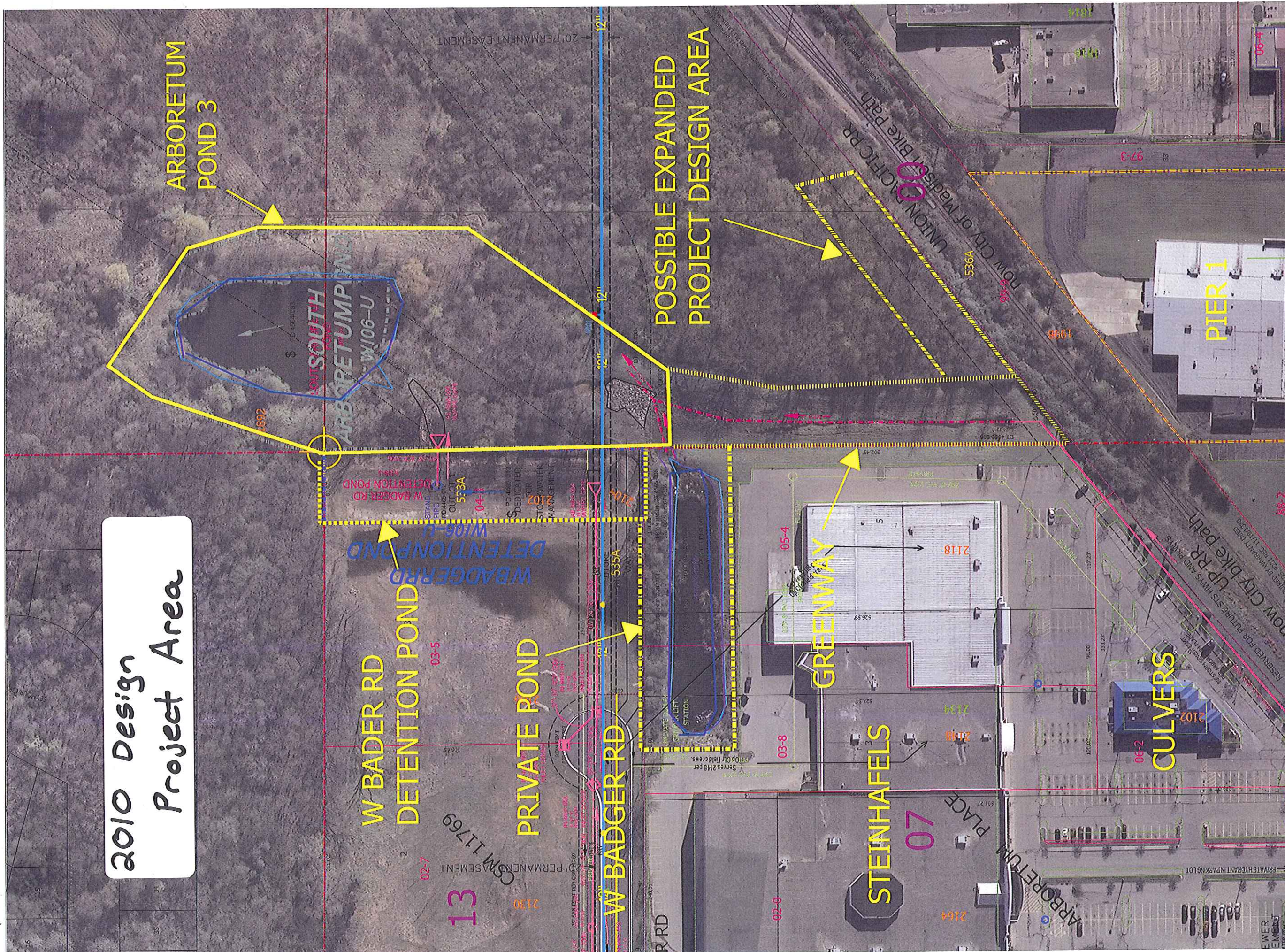
POSSIBLE EXPANDED PROJECT DESIGN AREA

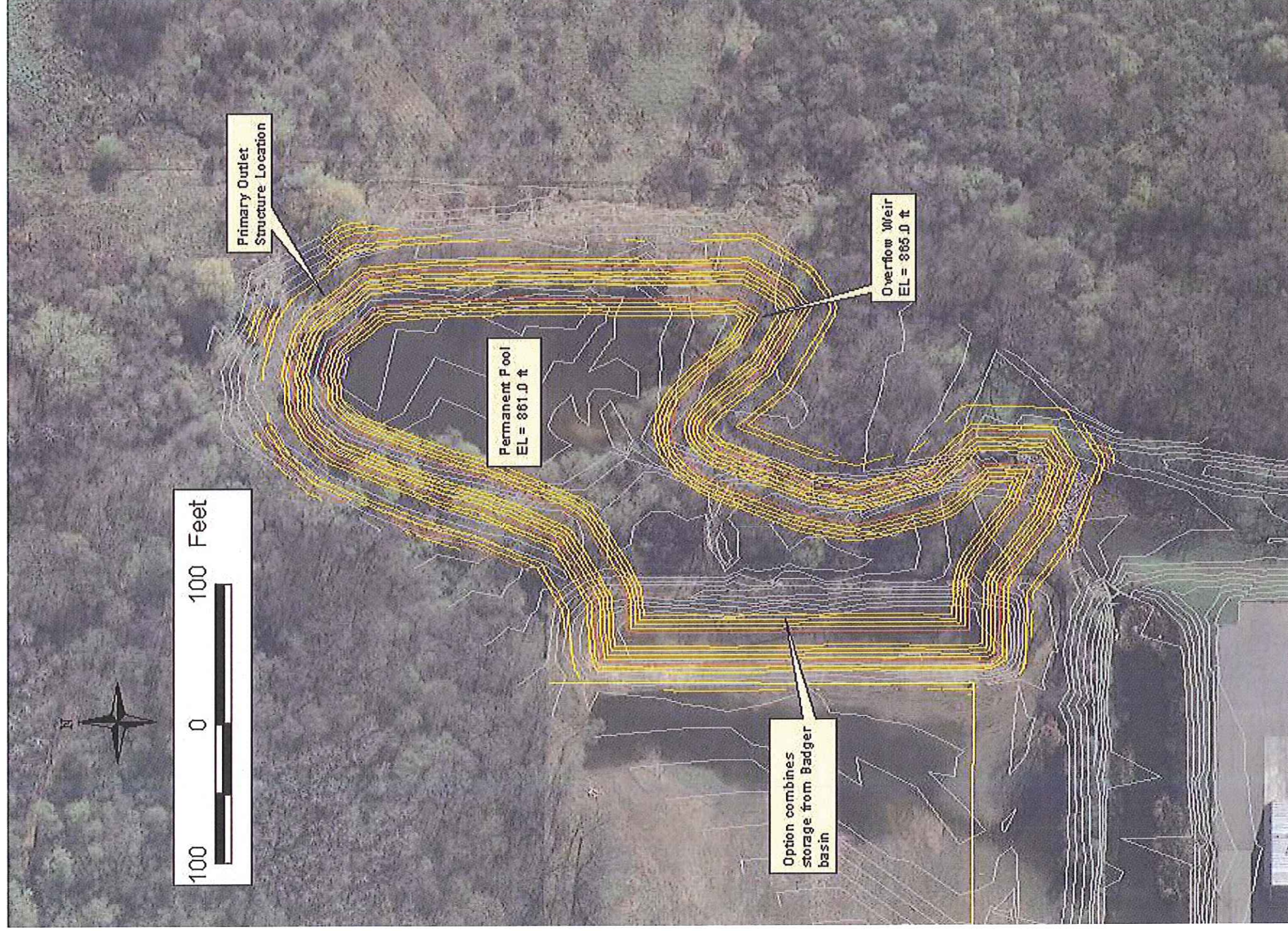
GREENWAY

STEINHAFELS

CULVERS

PIER 1

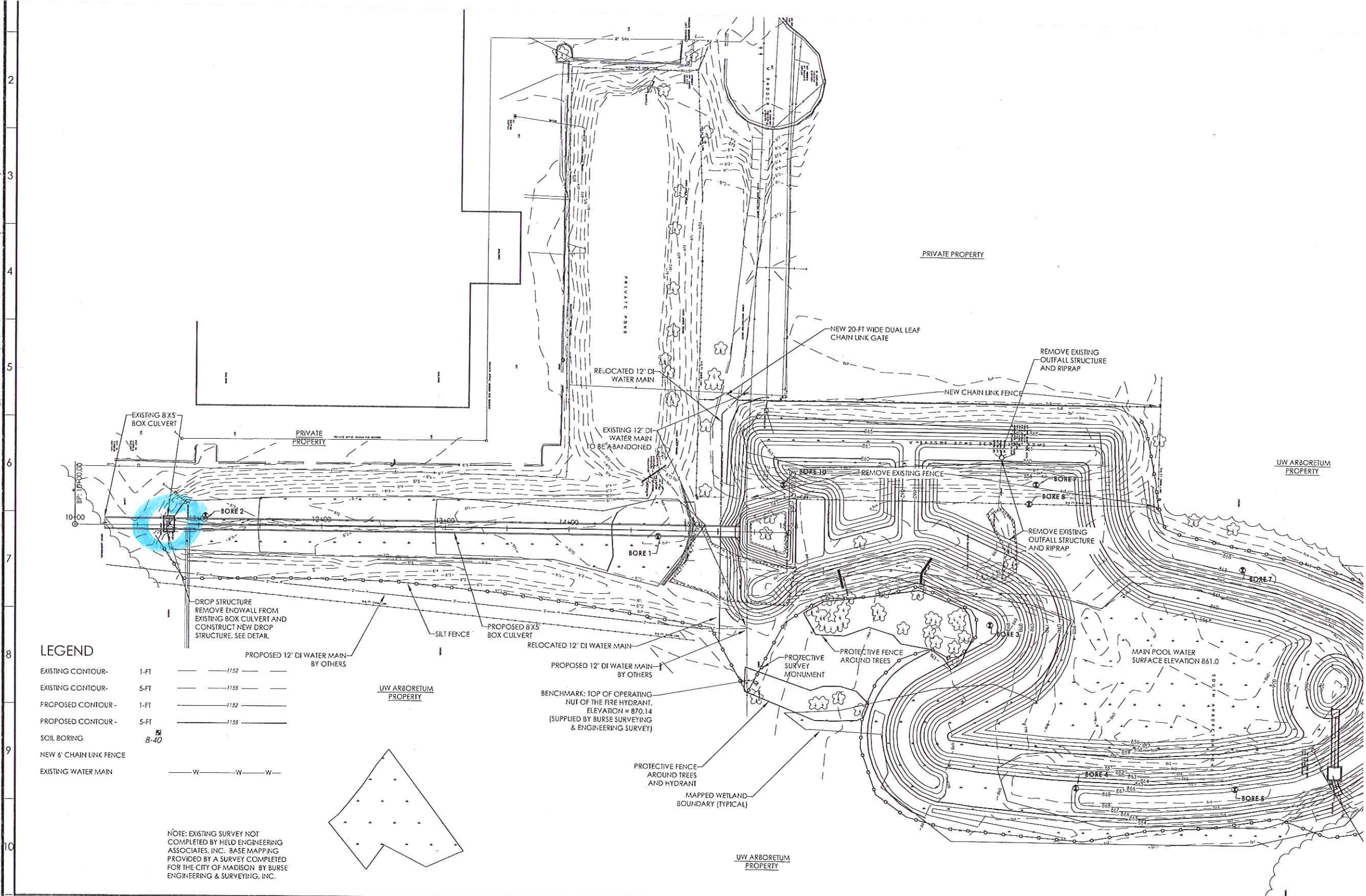




# Pond Option SA3

- Nov 5, 2010 HEA Report

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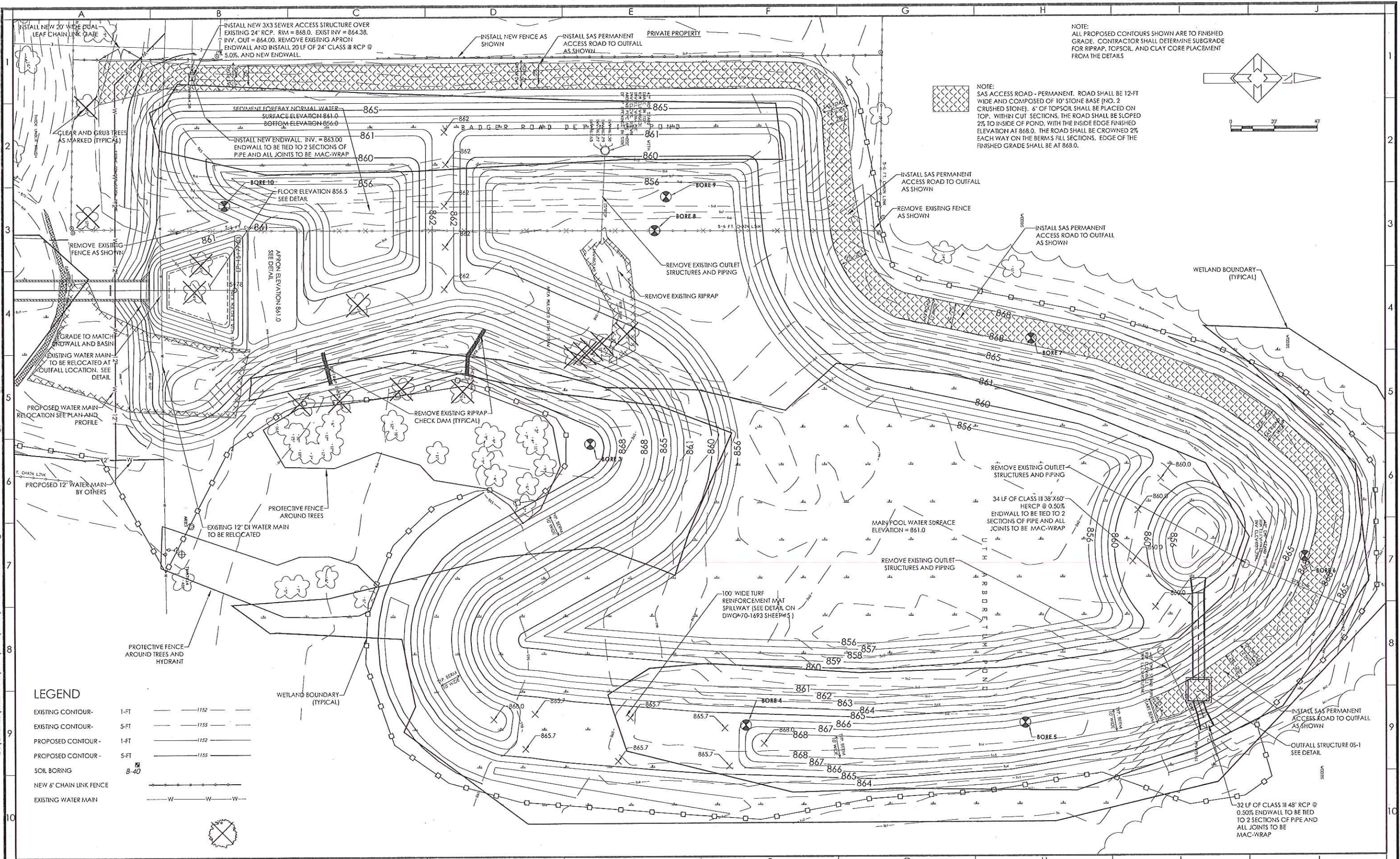
**LEGEND**

EXISTING CONTOUR - 1-FT	---	1152
EXISTING CONTOUR - 5-FT	---	1155
PROPOSED CONTOUR - 1-FT	---	1152
PROPOSED CONTOUR - 5-FT	---	1155
SOIL BORING	B-40	
NEW 6' CHAIN LINK FENCE	---	
EXISTING WATER MAIN	---	

NOTE: EXISTING SURVEY NOT COMPLETED BY HELD ENGINEERING ASSOCIATES, INC. BASE MAPPING PROVIDED BY A SURVEY COMPLETED FOR THE CITY OF MADISON BY BURSE ENGINEERING & SURVEYING, INC.

A		B		C		D		E		F		G		H	
HELD ENGINEERING ASSOCIATES, INC. MADISON, WISCONSIN (608) 833-7373 FAX (608) 833-3527		NO.	DATE:	REVISION:	INIT.	CITY OF MADISON C/O TIM TROESTER 210 MARTIN LUTHER KING JR. BLVD ROOM 210 608-267-1995		POND 3 - UW ARBORETUM CITY OF MADISON, WISCONSIN		SCALE: HOR.: 1" = 80' VER.: DATE: 6-24-11	BENCHMARK: TOP OF OPERATING NUT OF THE FIRE HYDRANT AS SHOWN ELEVATION = 870.14 (SUPPLIED BY BURSE SURVEYING & ENGINEERING SURVEY)		IMPR SITE		
		1	1-6-12	CITY COMMENTS	RSW										
		2	1-22-12	WATER MAIN	RSW										

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NOTE:  
ALL PROPOSED CONTOURS SHOWN ARE TO FINISHED GRADE. CONTRACTOR SHALL DETERMINE SUBGRADE FOR RIPRAP, TOPSOIL, AND CLAY CORE PLACEMENT FROM THE DETAILS

NOTE:  
SAS ACCESS ROAD - PERMANENT. ROAD SHALL BE 12-FT WIDE AND COMPOSED OF 10" STONE BASE (NO. 2 CRUSHED STONE). 6" OF TOPSOIL SHALL BE PLACED ON TOP. WITHIN CUT SECTIONS, THE ROAD SHALL BE SLOPED 2% TO INSIDE OF POND, WITH THE INSIDE EDGE FINISHED ELEVATION AT 868.0. THE ROAD SHALL BE CROWNED 2% EACH WAY ON THE BERM'S FILL SECTIONS. EDGE OF THE FINISHED GRADE SHALL BE AT 868.0.

**LEGEND**

EXISTING CONTOUR - 1-FT	---	1152
EXISTING CONTOUR - 5-FT	---	1155
PROPOSED CONTOUR - 1-FT	---	1152
PROPOSED CONTOUR - 5-FT	---	1155
SOIL BORING	⊗	B-40
NEW 6" CHAIN LINK FENCE	—○—○—○—	
EXISTING WATER MAIN	—W—W—W—	

**HELD ENGINEERING ASSOCIATES, INC.**  
MADISON, WISCONSIN  
(608) 833-7373 FAX (608) 833-3527

NO.	DATE	REVISION	INIT.
1	1-6-12	CITY COMMENTS	RSW
2	1-22-12	WATER MAIN	RSW

**CITY OF MADISON**  
C/O TIM TROESTER  
210 MARTIN LUTHER KING JR. BLVD ROOM 210  
608-267-1995

**POND 3 - UW ARBORETUM**  
CITY OF MADISON, WISCONSIN

SCALE:  
HOR.: 1" = 40'  
VER.: 1" = 4'  
DATE: 6-24-11

BENCHMARK: TOP OF OPERATING NUT OF THE FIRE HYDRANT AS SHOWN ELEVATION = 870.14 (SUPPLIED BY BURSE SURVEYING & ENGINEERING SURVEY)

**POND 3 IMPROVEMENTS GRADING PLAN**

SHEET NO: 3 OF 11  
DRAWING NO: 70-1691

# Screen Treatment Structure

