



Madison, Wisconsin

CITY OF MADISON

CITY PARKS DIVISION
DEPARTMENT OF PUBLIC WORKS
PLAN OF PROPOSED IMPROVEMENT
TENNEY LAGOON OUTLET GATE

City of Madison
Department of Public Works
PARKS DIVISION

City-County Building, Suite 104
210 Martin Luther King, Jr. Blvd.
PO Box 2987
Madison, WI 53701-2987

play
**MADISON
PARKS**



PROJECT:

*TENNEY LAGOON
OUTLET GATE*

*TENNEY PARK
1414 EAST JOHNSON ST.
MADISON, WI 53703*

Although every effort has been made in preparing these plans and checking them for accuracy, the contractor and subcontractors must check all details and dimensions of their trade and be responsible for the same.

ITEM	DATE
Drawn by: MRS	03-29-13
Approved by:	xx-xx-xxxx

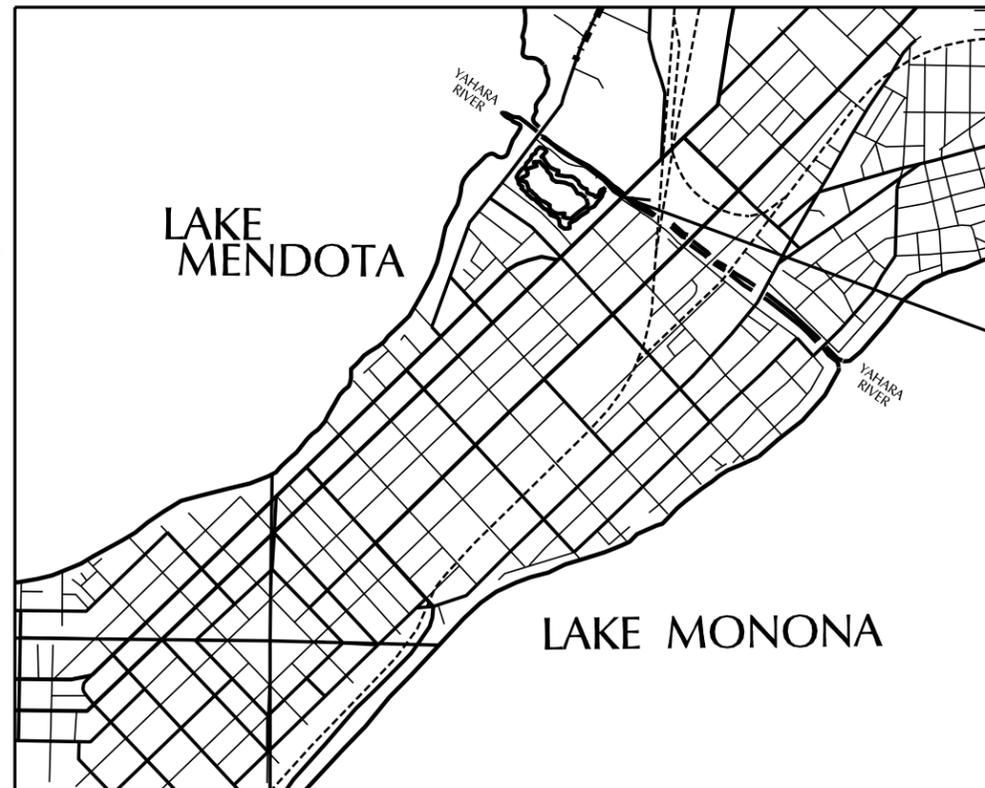
PUBLIC WORKS PROJECT #:
53W1608

SHEET TITLE:
TITLE SHEET

SHEET NUMBER:
L-1

INDEX OF SHEETS

- SHEET NO. L-2 PROJECT LOCATION AND CONSTRUCTION STAGING AREA
- SHEET NO. L-3 OUTLET GATE BASIS OF DESIGN
- SHEET NO. L-4 OUTFALL STRUCTURE AS-BUILTS (FOR REFERENCE ONLY)



PROJECT LOCATION

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Graphical Scale



PROJECT:

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MADISON, WI 53703*

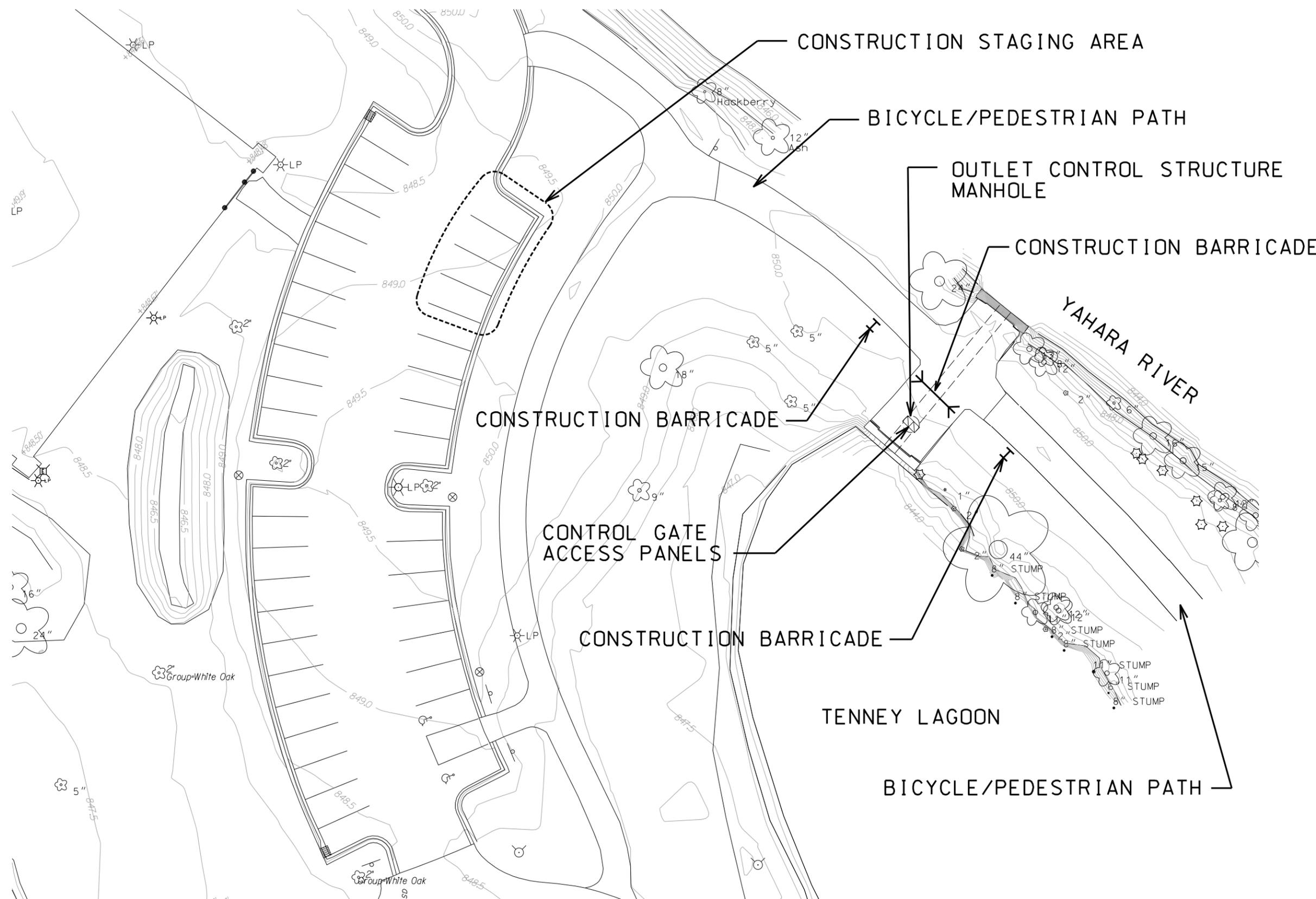
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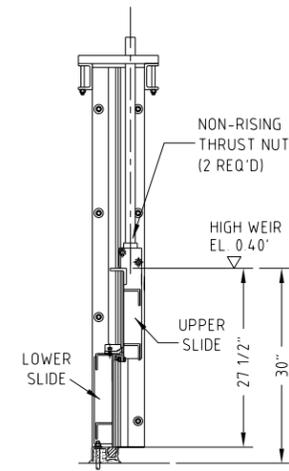
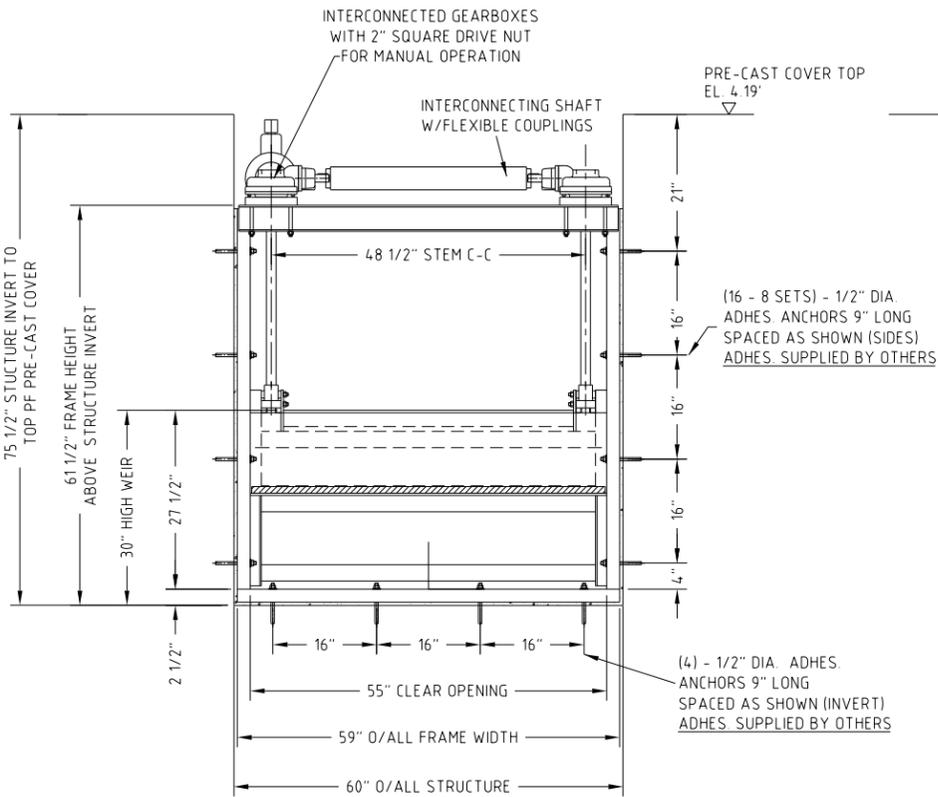
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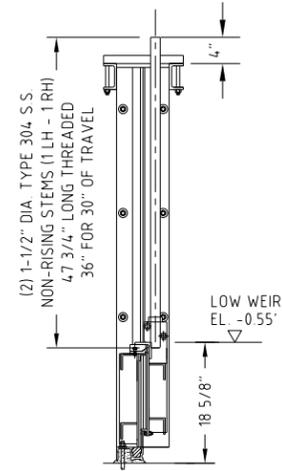
SHEET TITLE:
*PROJECT LOCATION AND
CONSTRUCTION STAGING AREA*

SHEET NUMBER:
L-2

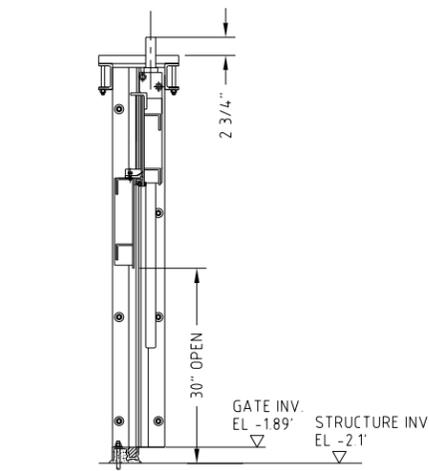




FULLY CLOSED POSITION



FULL DOWN POSITION



FULL UP (OPEN) POSITION

Title	SERIES 823 SLIDE GATE		Quantity: 1	Scale: FD	Seating	Unseating	Tag No's:	DO NOT SCALE THIS DRAWING Work to Dimensions Linear Dimensions are in inches Requested Concrete Opening Tolerances Height & Width ±1/4" Squareness ±3/8 Diagonal	A	Original Issue	5/5/11	MJ	Date	Eng	Chk.
	INSTALL. 60" x 30"														
Project	TENNEY PARK LAGOON OUTLET - MADISON, WI		Design Head	2.5'	2.5'										
Location	WATER CONTROL STRUCTURE		Leakage Rate	0.1	0.1										
Dwg. No.	SP-823-012		GPM/ft of seal												

Whipps, inc.
370 SOUTH ATHOL RD.
ATHOL, MA 01331

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play MADISON PARKS

PROJECT:
**TENNEY LAGOON
OUTLET GATE**

**TENNEY PARK
1414 EAST JOHNSON ST.
MADISON, WI 53703**

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Approved by:	xx-xx-xxxx

PUBLIC WORKS PROJECT #:
53W1608

SHEET TITLE:
**OUTLET GATE
BASIS OF DESIGN**

SHEET NUMBER:
L-3

PROJECT:

**TENNEY LAGOON
OUTLET GATE**

**TENNEY PARK
1414 EAST JOHNSON ST.
MADISON, WI 53703**

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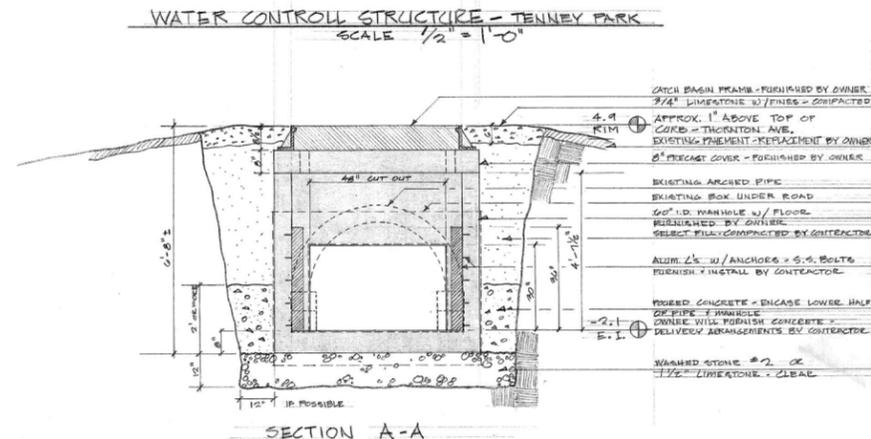
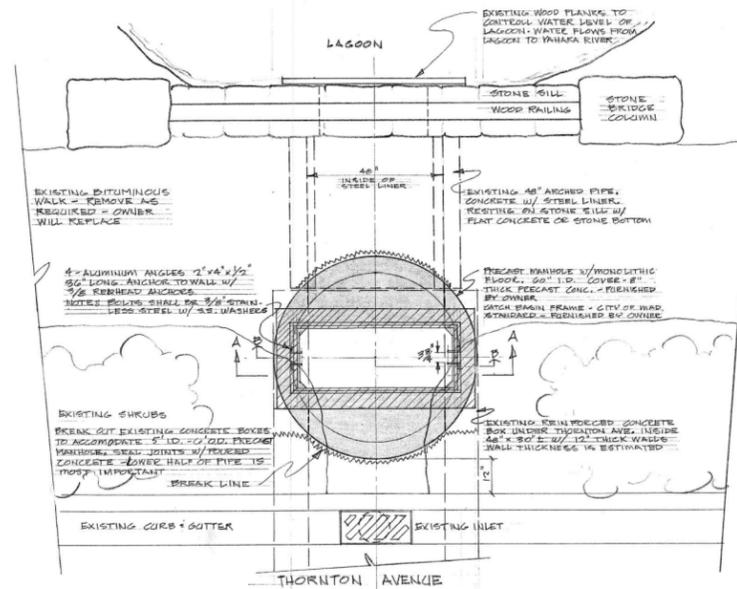
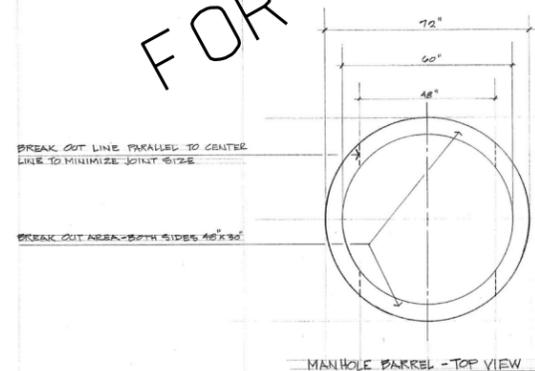
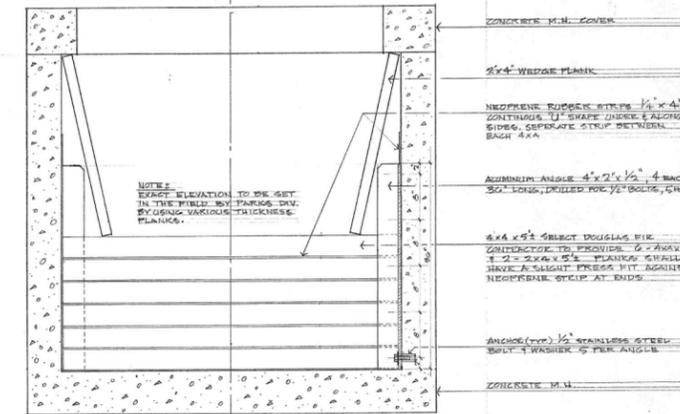
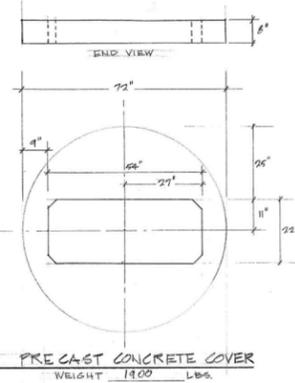
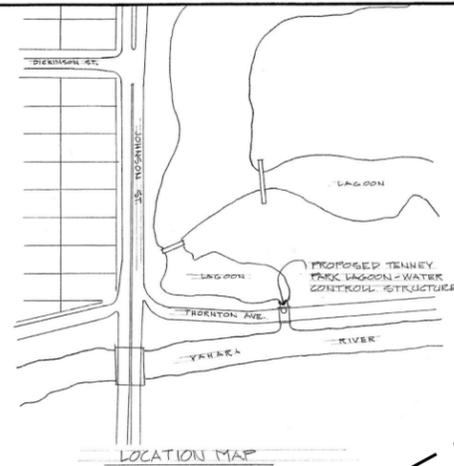
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PUBLIC WORKS PROJECT #:
53W1608

SHEET TITLE:
**EXISTING LOG DAM
AS-BUILTS (FOR REFERENCE
ONLY)**

SHEET NUMBER:
L-4

FOR REFERENCE ONLY



SPECIFICATIONS:
SCOPE OF WORK: CONTRACTOR TO INSTALL A PRECAST WATER CONTROL STRUCTURE.
GOVERNING SPECS.: CITY OF MADISON STD. STREET & SEWER SPECS. AND LISTED SPECIAL PROVISIONS.
LOCATION: PROJECT IS LOCATED IN MADISON, WIS. AT TENNEY PARK LAGOON. THORNTON AVE. SEE LOCATION MAP.
PERMITS & FEES: CONTRACTOR SHALL BE RESPONSIBLE FOR ALL PERMITS & FEES. STREET OPENING PERMIT REQUIRED.
ORDER OF WORK: WORK SHALL BEGIN AS SOON AS POSSIBLE AFTER AWARDED OF BID. WORK SHALL BE COMPLETE IN 15 WORK DAYS.
MEASUREMENT & PAYMENT: PAYMENT WILL BE ON A LUMP SUM BASIS - CITY PAYS ON THE 15TH & 30TH OF EACH MONTH.
SPECIAL PROVISIONS:
PROTECTION: CARE MUST BE TAKEN TO PREVENT DAMAGE TO EXISTING STONE & WOOD BRIDGE STRUCTURES. CONTRACTOR SHALL FENCE OPEN EXCAVATION. RESPONSIBLE CONTRACTOR TO FILL EXCAVATION PER SECTION A-A. OWNER WILL DO ALL REMAINING RESTORATION.
WATER SHUT OFF: PARKS DIVISION WILL CLOSE OFF WATER INTO LAGOON & DRAIN DOWN TO MINIMIZE POTENTIAL PROBLEMS. PAGES WILL THEN BLOCK OFF ALL WATER FLOWING THROUGH PIPES. PAGES WILL OPEN BLOCKAGE & REFILL LAGOON WHEN JOB IS COMPLETE. THE DRAIN DOWN TAKES ABOUT 3 DAYS.
EXCAVATION & BREAKING IN: CONTRACTOR SHALL DIG & BREAK OUT PIPES TO FIT THE PRECAST CONCRETE MANHOLE AS TIGHTLY AS POSSIBLE. DISPOSAL OF MATERIAL: CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL & DISPOSAL OF ALL EXCAVATED MATERIAL.
STONE MANHOLE RINGS: CONTRACTOR SHALL FINISH & INSTALL A MINIMUM OF 1/2" OR 3/4" WASHED OR 1/2" CLEAR LIMESTONE IN THE BOTTOM OF THE EXCAVATION TO SET THE PRECAST M.H. ON.
SETTING PRECAST STRUCTURE: SET M.H. SO THAT THE FLOW LINE ON THE OUTLET SIDE IS FLUSH. SET M.H. LEVEL W/ BREAKOUTS IN LINE WITH THE OPENINGS IN THE PIPES.
FOUR-CONCRETE ENGAGEMENT: CONTRACTOR SHALL POUR CONCRETE (FURNISHED BY OWNER) TO ENCASE M.H. & PIPES, AND FILL ALL JOINTS & VOIDS. CONTRACTOR SHALL FINISH ALL JOINTS INSIDE PIPES & M.H.
SETTING CATCH BASIN FRAME: SET FRAME LEVEL & TRUE OVER OPENING. ADJUST GRADE OF RIM TO 1" ABOVE TOP OF CURB.
SELECT FILL & LIMESTONE: CONTRACTOR SHALL FINISH & INSTALL BACKFILL MATERIAL AS SHOWN IN SECTION A-A. MATERIAL SHALL BE COMPACTED TO 95% FLOW CONTROL BANKS: CONTRACTOR SHALL FINISH & INSTALL ASIDE DROPS & WOOD MATERIAL AS SHOWN IN PLANK RETAINING DETAIL. THIS ITEM IS BID AS ALT-1. SEE PROPOSAL PAGE.
MATERIALS PROVIDED BY OWNER: M.H. COVER, M.H. BARREL W/ FLOOR, CATCH BASIN FRAME & COVERS, CONCRETE FOR ENGAGEMENT.

TENNEY PARK
SCALE: 1/2" = 1'-0" DATE: 7-1-81
NORTH REVISED:
DESIGNED BY: J.S.
DRAWN: J.S.
CHECKED: APPY'D
FILE NO. CITY OF MADISON PARKS COMMISSION