

Madison, Wisconsin

Quality and Reliability since 1882

**Madison  
Water  
Utility**



# CITY OF MADISON

## MADISON WATER UTILITY DEPARTMENT OF PUBLIC WORKS PLAN OF PROPOSED IMPROVEMENT

### CIPP REHABILITATION OF WATER MAINS – 2013

### CONTRACT NO. 7124

CITY PROJECT NO. 53W1639

#### SUBPROJECTS:

- (1) LAKE MENDOTA DR
- (2) W BADGER RD
- (3) W MIFFLIN ST

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SHEET NO.	5-7	W BADGER RD WM REHAB PLAN
SHEET NO.	8	W MIFFLIN ST WM REHAB PLAN

PUBLIC IMPROVEMENT PROJECT  
APPROVED

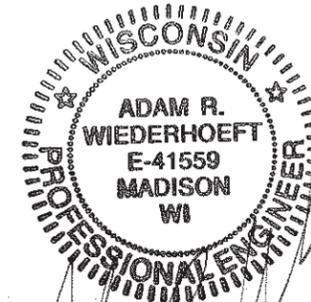
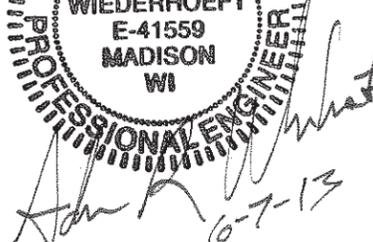
MAY 21, 2013

BY THE COMMON COUNCIL  
OF MADISON, WISCONSIN

WATER SYSTEM IMPROVEMENTS  
APPROVED BY:

 6/7/13  
Principal Engineer Date

WATER IMPROVEMENTS  
DESIGNED BY:

  
ADAM R. WIEDERHOEFT  
E-41559  
MADISON  
WI  
 6-7-13

TO OBTAIN LOCATION OF PARTICIPANTS' UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN  
 CALL DIGGERS HOTLINE  
 TOLL FREE  
 811 OR 1-800-242-8511  
 FAX-A-LOCATE 1-800-338-3860  
 TDD (FOR HEARING IMPAIRED) 1-800-542-2289

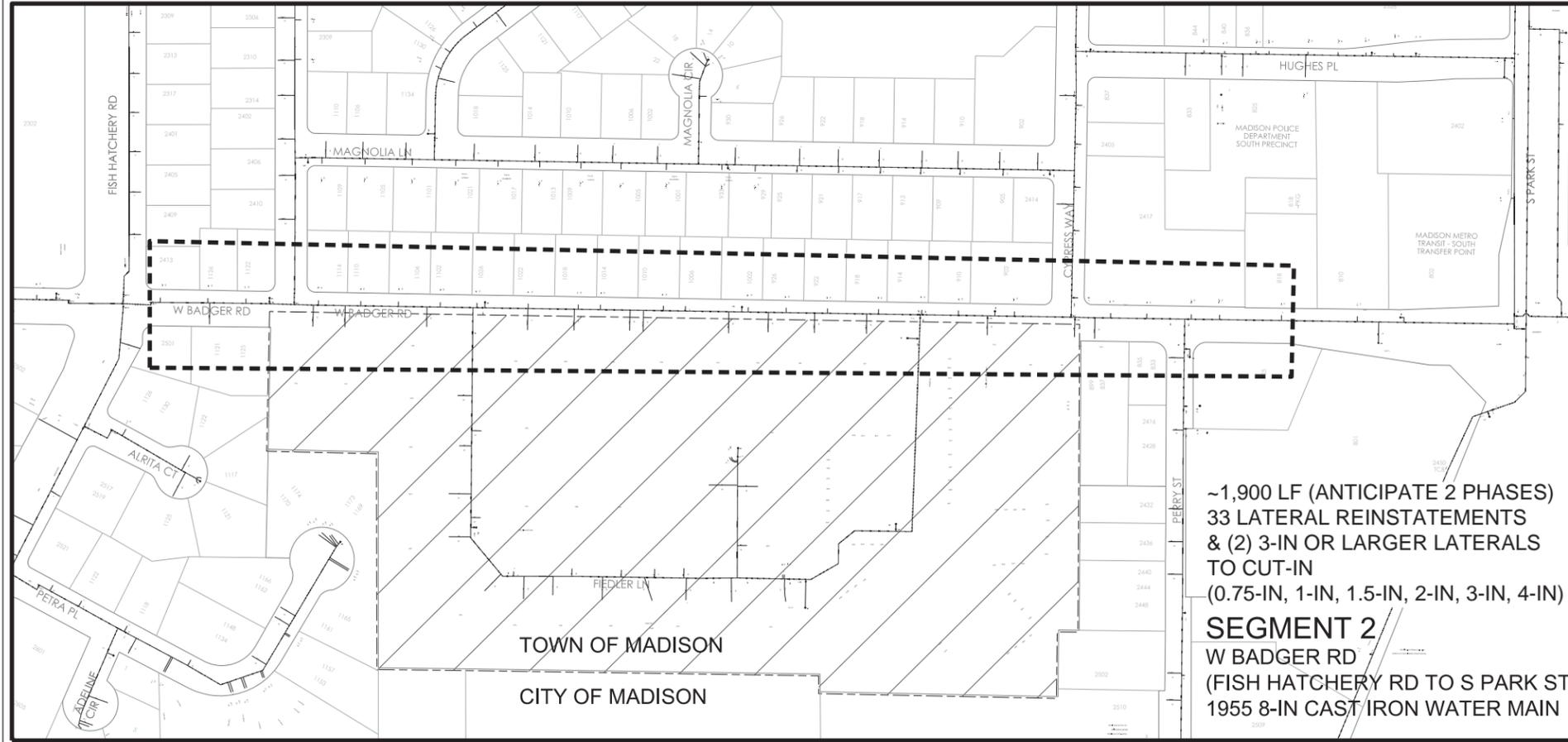
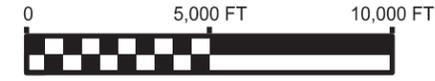
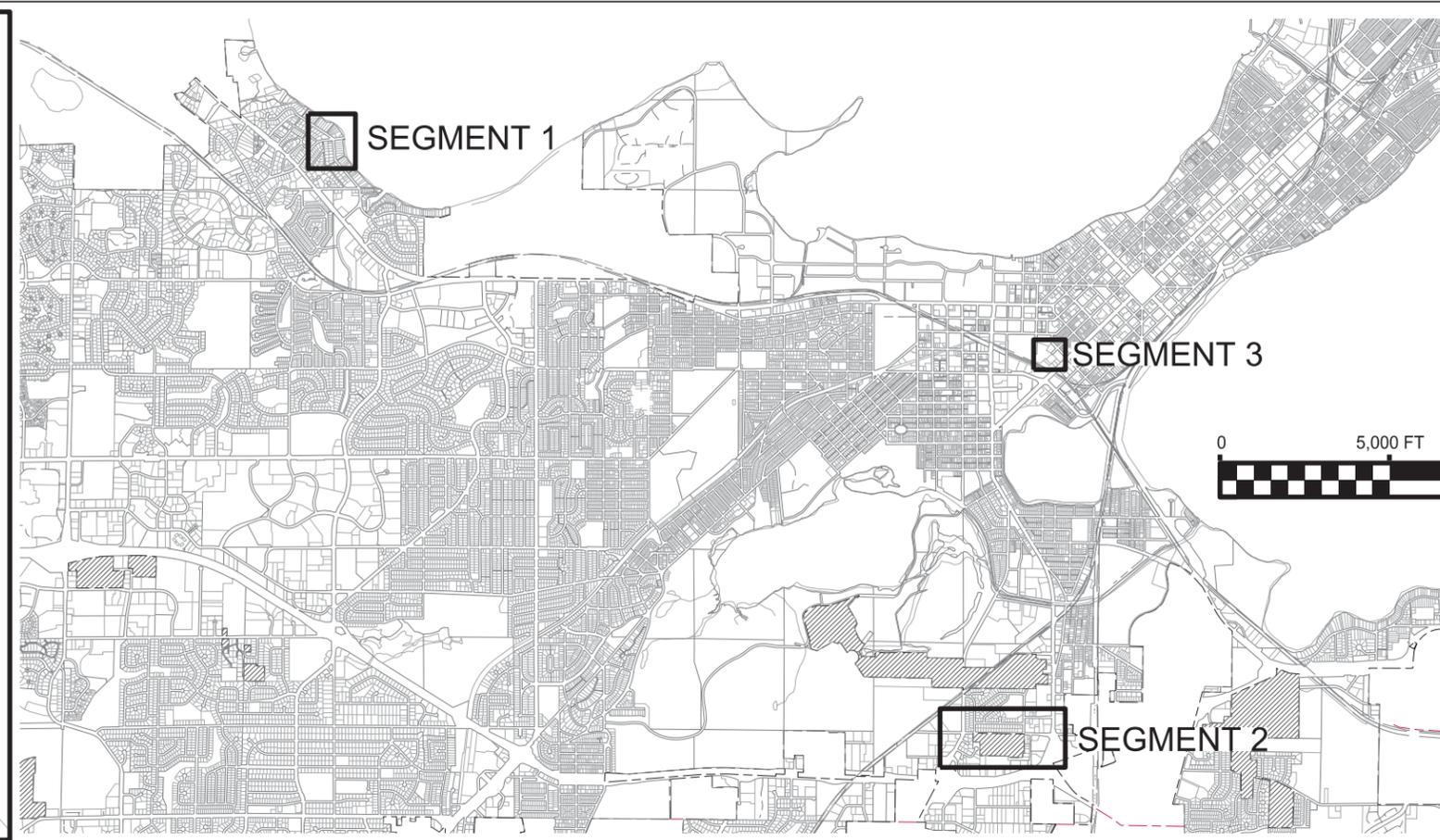
WIS. STATUTE 182.0175 (1974)  
 REQUIRES MIN. OF 3 WORK DAYS  
 NOTICE BEFORE YOU EXCAVATE.



DISCLAIMER NOTE:  
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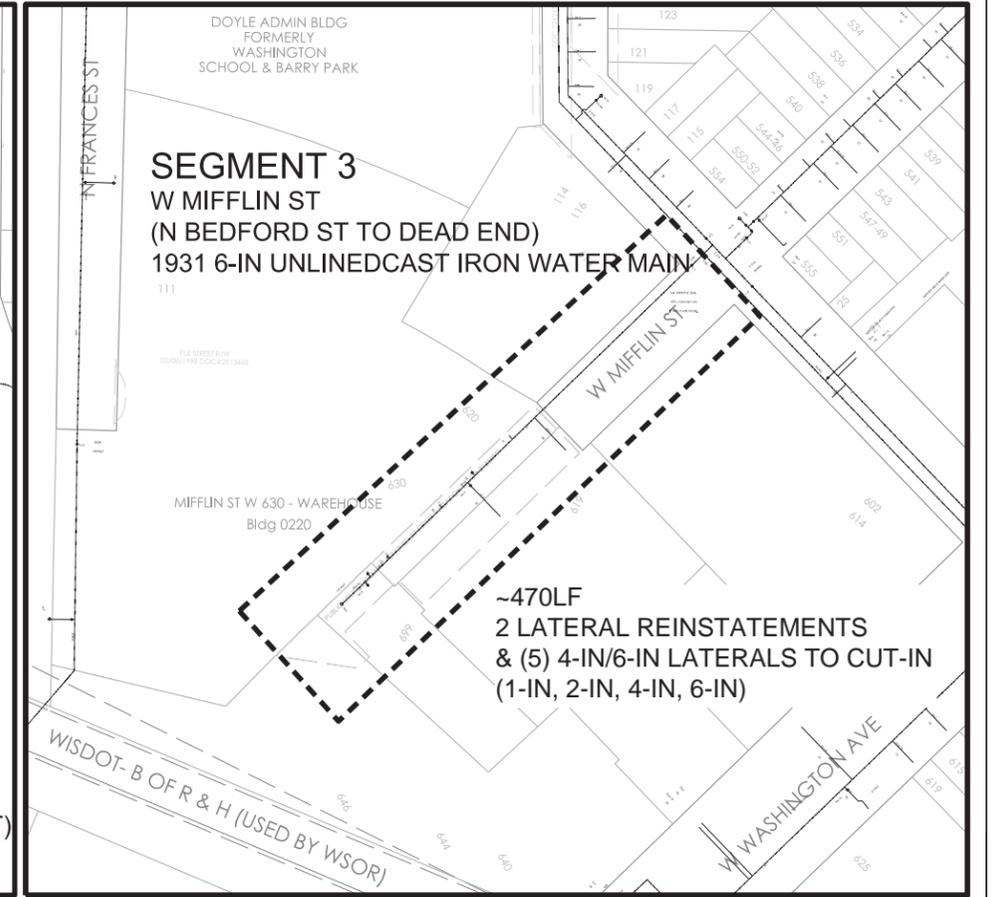


**SEGMENT 1**  
 LAKE MENDOTA DR  
 (LAUREL CREST TO EPWORTH CT)  
 1958 8-IN CAST IRON WATER MAIN  
 ~1,350 LF  
 33 LATERALS  
 (0.75-IN & 1-IN)



~1,900 LF (ANTICIPATE 2 PHASES)  
 33 LATERAL REINSTATEMENTS  
 & (2) 3-IN OR LARGER LATERALS  
 TO CUT-IN  
 (0.75-IN, 1-IN, 1.5-IN, 2-IN, 3-IN, 4-IN)  
**SEGMENT 2**  
 W BADGER RD  
 (FISH HATCHERY RD TO S PARK ST)  
 1955 8-IN CAST IRON WATER MAIN

TOWN OF MADISON  
 CITY OF MADISON



**SEGMENT 3**  
 W MIFFLIN ST  
 (N BEDFORD ST TO DEAD END)  
 1931 6-IN UNLINEDCAST IRON WATER MAIN  
 ~470LF  
 2 LATERAL REINSTATEMENTS  
 & (5) 4-IN/6-IN LATERALS TO CUT-IN  
 (1-IN, 2-IN, 4-IN, 6-IN)

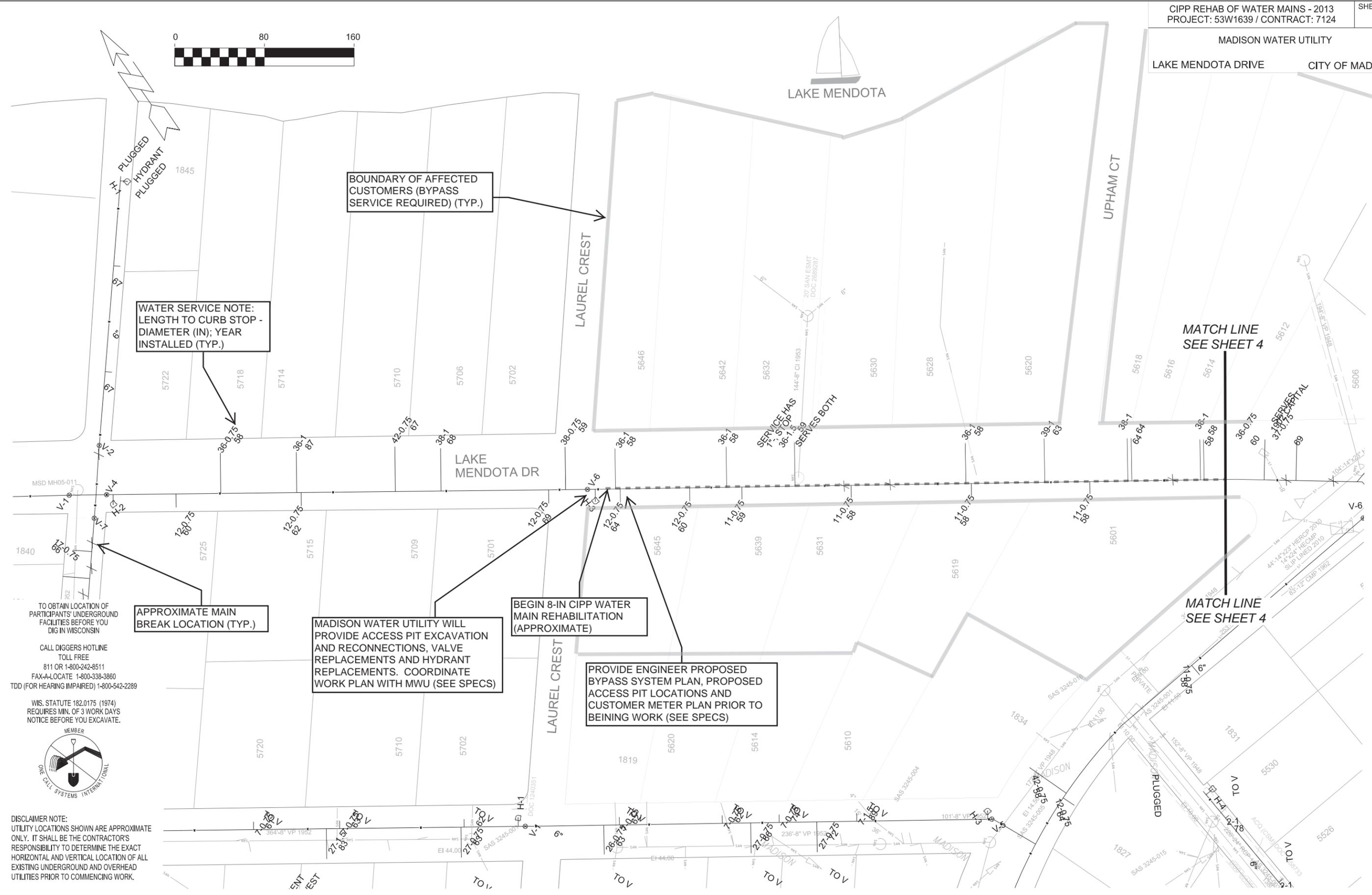
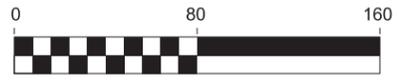
PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

MADISON WATER UTILITY  
LAKE MENDOTA DRIVE CITY OF MADISON



BOUNDARY OF AFFECTED CUSTOMERS (BYPASS SERVICE REQUIRED) (TYP.)

WATER SERVICE NOTE:  
LENGTH TO CURB STOP -  
DIAMETER (IN); YEAR  
INSTALLED (TYP.)

APPROXIMATE MAIN  
BREAK LOCATION (TYP.)

MADISON WATER UTILITY WILL  
PROVIDE ACCESS PIT EXCAVATION  
AND RECONNECTIONS, VALVE  
REPLACEMENTS AND HYDRANT  
REPLACEMENTS. COORDINATE  
WORK PLAN WITH MWU (SEE SPECS)

BEGIN 8-IN CIPP WATER  
MAIN REHABILITATION  
(APPROXIMATE)

PROVIDE ENGINEER PROPOSED  
BYPASS SYSTEM PLAN, PROPOSED  
ACCESS PIT LOCATIONS AND  
CUSTOMER METER PLAN PRIOR TO  
BEING WORK (SEE SPECS)

MATCH LINE  
SEE SHEET 4

MATCH LINE  
SEE SHEET 4

TO OBTAIN LOCATION OF  
PARTICIPANTS' UNDERGROUND  
FACILITIES BEFORE YOU  
DIG IN WISCONSIN  
  
CALL DIGGERS HOTLINE  
TOLL FREE  
811 OR 1-800-242-8511  
FAX-A-LOCATE 1-800-338-3860  
TDD (FOR HEARING IMPAIRED) 1-800-542-2289

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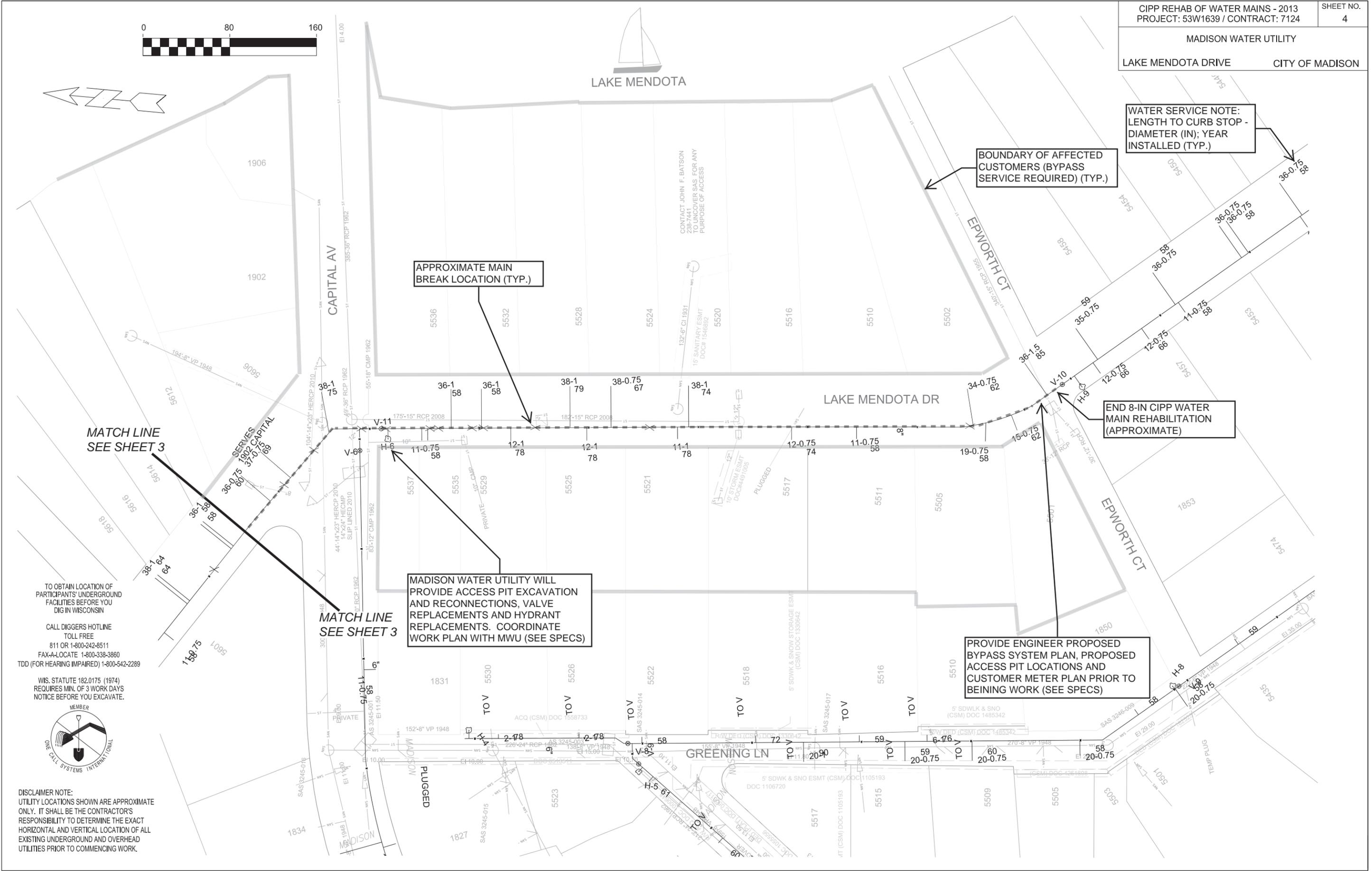
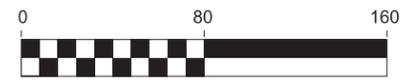
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ORIGINATOR: CITY OF MADISON, STREETS DIVISION



BOUNDARY OF AFFECTED CUSTOMERS (BYPASS SERVICE REQUIRED) (TYP.)

WATER SERVICE NOTE:  
 LENGTH TO CURB STOP -  
 DIAMETER (IN); YEAR  
 INSTALLED (TYP.)

APPROXIMATE MAIN  
 BREAK LOCATION (TYP.)

END 8-IN CIPP WATER  
 MAIN REHABILITATION  
 (APPROXIMATE)

MADISON WATER UTILITY WILL  
 PROVIDE ACCESS PIT EXCAVATION  
 AND RECONNECTIONS, VALVE  
 REPLACEMENTS AND HYDRANT  
 REPLACEMENTS. COORDINATE  
 WORK PLAN WITH MWU (SEE SPECS)

PROVIDE ENGINEER PROPOSED  
 BYPASS SYSTEM PLAN, PROPOSED  
 ACCESS PIT LOCATIONS AND  
 CUSTOMER METER PLAN PRIOR TO  
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MATCH LINE  
 SEE SHEET 3

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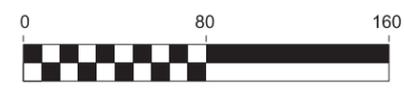
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PROVIDE ENGINEER PROPOSED BYPASS SYSTEM PLAN, PROPOSED ACCESS PIT LOCATIONS AND CUSTOMER METER PLAN PRIOR TO BEING WORK (SEE SPECS)

WATER SERVICE NOTE:  
 LENGTH TO CURB STOP - DIAMETER (IN); YEAR INSTALLED (TYP.)

APPROXIMATE MAIN BREAK LOCATION (TYP.)

BOUNDARY OF AFFECTED CUSTOMERS (BYPASS SERVICE REQUIRED) (TYP.)

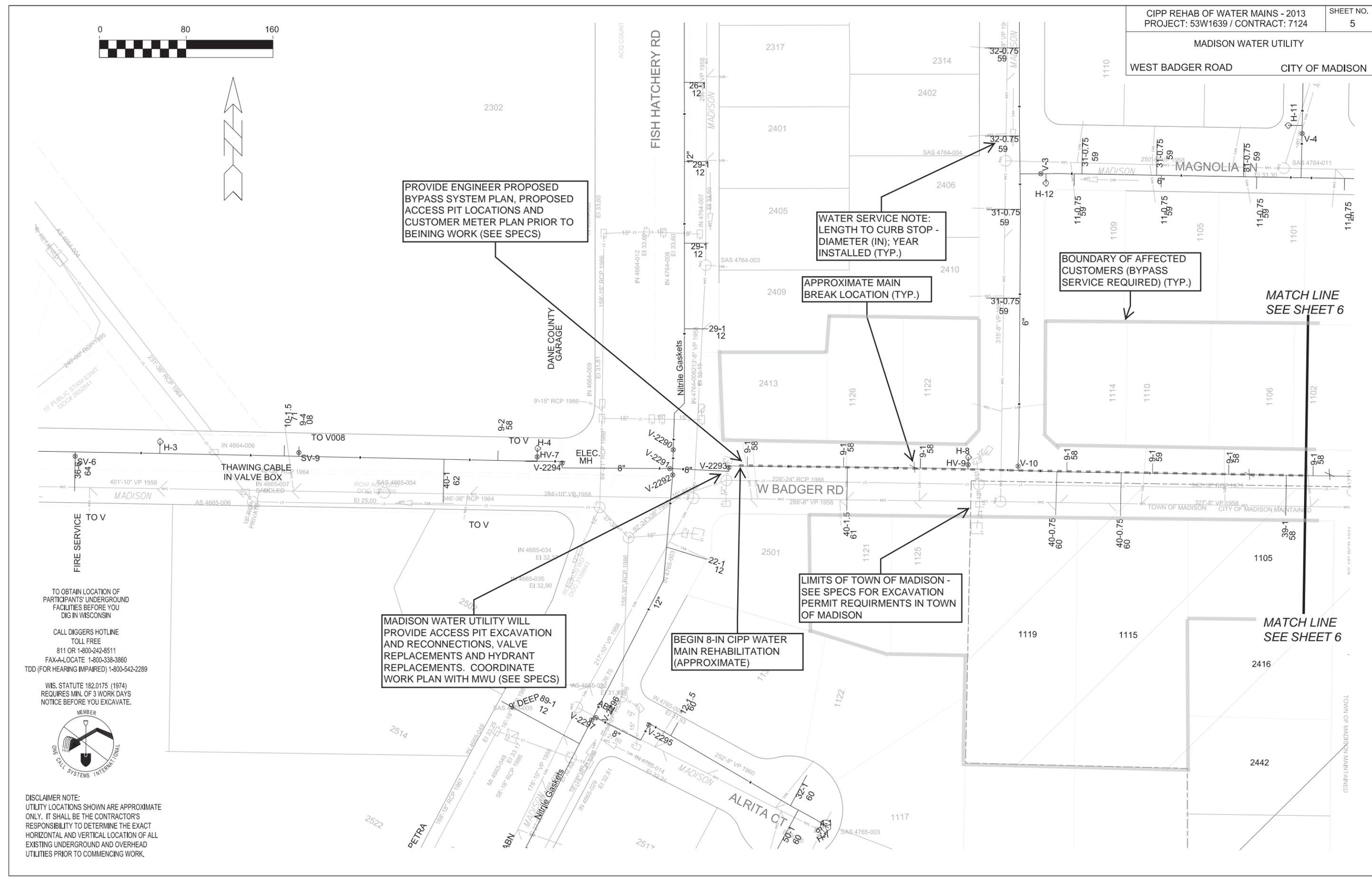
MATCH LINE  
SEE SHEET 6

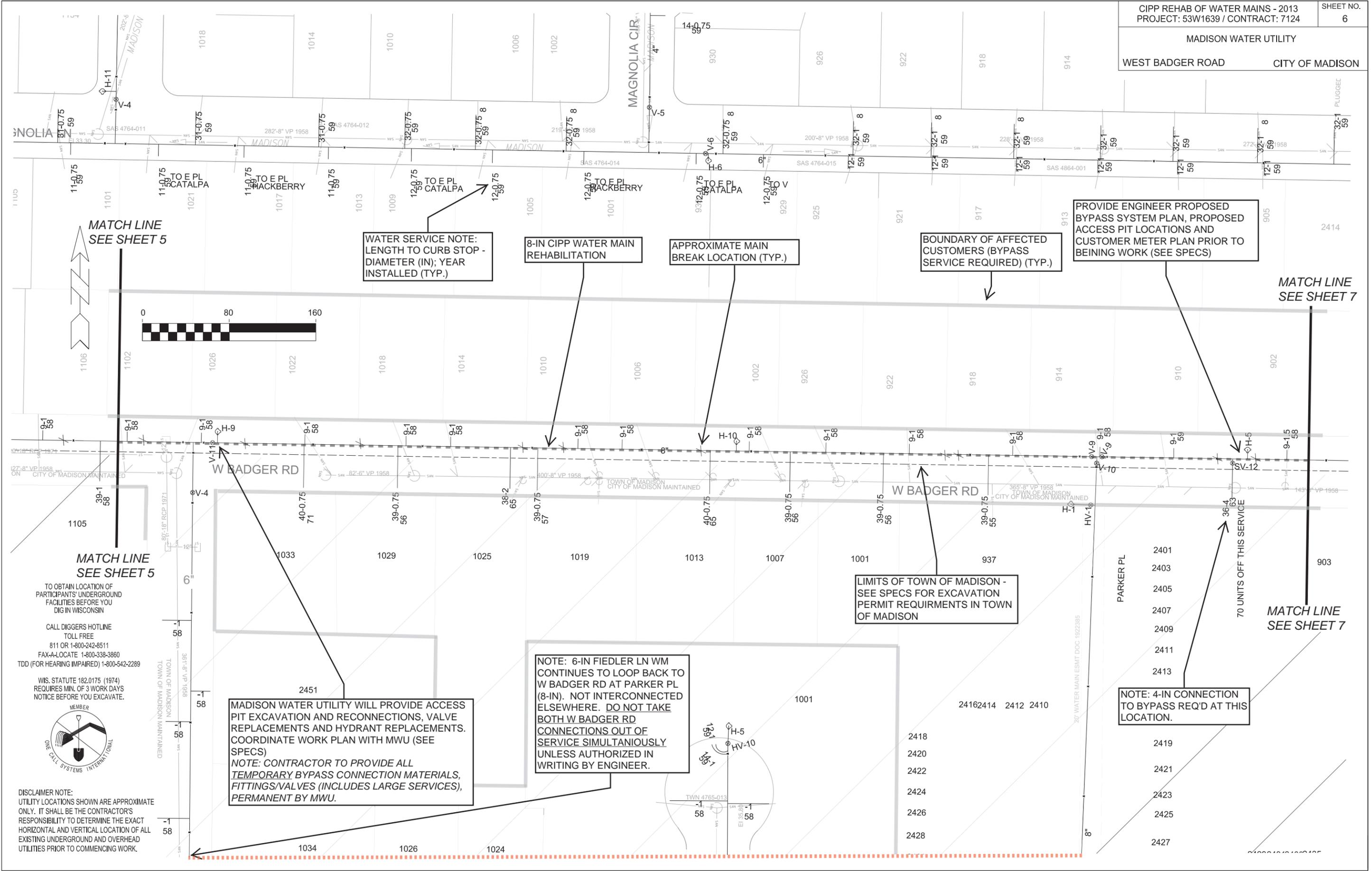
MADISON WATER UTILITY WILL PROVIDE ACCESS PIT EXCAVATION AND RECONNECTIONS, VALVE REPLACEMENTS AND HYDRANT REPLACEMENTS. COORDINATE WORK PLAN WITH MWU (SEE SPECS)

BEGIN 8-IN CIPP WATER MAIN REHABILITATION (APPROXIMATE)

LIMITS OF TOWN OF MADISON - SEE SPECS FOR EXCAVATION PERMIT REQUIREMENTS IN TOWN OF MADISON

MATCH LINE  
SEE SHEET 6





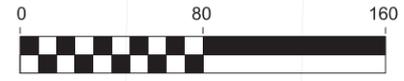
WATER SERVICE NOTE:  
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8-IN CIPP WATER MAIN  
 REHABILITATION

APPROXIMATE MAIN  
 BREAK LOCATION (TYP.)

BOUNDARY OF AFFECTED  
 CUSTOMERS (BYPASS  
 SERVICE REQUIRED) (TYP.)

PROVIDE ENGINEER PROPOSED  
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TO OBTAIN LOCATION OF  
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 REPLACEMENTS AND HYDRANT REPLACEMENTS.  
 COORDINATE WORK PLAN WITH MWU (SEE  
 SPECS)  
 NOTE: CONTRACTOR TO PROVIDE ALL  
 TEMPORARY BYPASS CONNECTION MATERIALS,  
 FITTINGS/VALVES (INCLUDES LARGE SERVICES),  
 PERMANENT BY MWU.

NOTE: 6-IN FIEDLER LN WM  
 CONTINUES TO LOOP BACK TO  
 W BADGER RD AT PARKER PL  
 (8-IN). NOT INTERCONNECTED  
 ELSEWHERE. DO NOT TAKE  
 BOTH W BADGER RD  
 CONNECTIONS OUT OF  
 SERVICE SIMULTANEOUSLY  
 UNLESS AUTHORIZED IN  
 WRITING BY ENGINEER.

LIMITS OF TOWN OF MADISON -  
 SEE SPECS FOR EXCAVATION  
 PERMIT REQUIREMENTS IN TOWN  
 OF MADISON

NOTE: 4-IN CONNECTION  
 TO BYPASS REQ'D AT THIS  
 LOCATION.

70 UNITS OFF THIS SERVICE

PLOT SCALE:

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ORIGINATOR: CITY OF MADISON, STREETS DIVISION

BOUNDARY OF AFFECTED CUSTOMERS (BYPASS SERVICE REQUIRED) (TYP.)

WATER SERVICE NOTE:  
 LENGTH TO CURB STOP -  
 DIAMETER (IN); YEAR  
 INSTALLED (TYP.)

8-IN CIPP WATER MAIN  
 REHABILITATION

END 8-IN CIPP WATER  
 MAIN REHABILITATION  
 (APPROXIMATE)

APPROXIMATE MAIN  
 BREAK LOCATION (TYP.)

MATCH LINE  
 SEE SHEET 6

MATCH LINE  
 SEE SHEET 6

ABANDONED  
 LATERAL

ABANDONED  
 LATERAL

ABANDONED  
 LATERAL

ABANDONED  
 LATERAL

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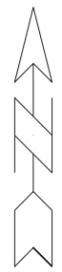
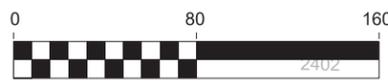
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FIRE STATION #6  
 825 West Badger Rd.  
 Madison, WI 53713  
 \*\*\*PROVIDE ACCESS AT ALL TIMES\*\*\*

STATE OF WI PUBLIC  
 EMPLOYEE  
 RETIREMENT  
 801 W Badger Rd,  
 Madison, WI 53713

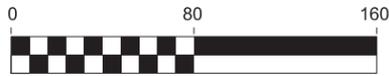


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PROVIDE ENGINEER PROPOSED BYPASS SYSTEM PLAN, PROPOSED ACCESS PIT LOCATIONS AND CUSTOMER METER PLAN PRIOR TO BEING WORK (SEE SPECS)

NOTE: SEVERAL 4-IN, 6-IN SERVICE LATERALS REQUIRE BYPASS SERVICE ALONG THIS SEGMENT

APPROXIMATE MAIN BREAK LOCATION (TYP.)

6-IN TO WAREHOUSE ADJACENT TO UW GLASS LAB FACILITY

6-IN CIPP WATER MAIN REHABILITATION

NOTE: VERY LIMITED ACCESS IN THIS CORRIDOR

DO NOT BLOCK HANDICAP ACCESS RAMP

1931 3/4" SERVICE IS ANTICIPATED TO BE ABANDONED - VERIFY WITH ENGINEER PRIOR

NEGUS CONTAINER CO. CORROGATED BOXES \*\*\* PROVIDE ACCESS AT ALL TIMES \*\*\*

UNIVERSITY GLASS LAB & METAL FOUNDRY

699 W Mifflin St  
 Madison, WI 53703  
 PROVIDE ACCESS TO PARKING GARAGE (ACCESS OFF W MIFFLIN ST DRIVE CUL-DE-SAC)

WATER SERVICE NOTE: LENGTH TO CURB STOP - DIAMETER (IN); YEAR INSTALLED (TYP.)

Wiedenbeck Apartments  
 619 W Mifflin St  
 Madison, WI 53703  
 PROVIDE ACCESS TO PARKING GARAGE (ACCESS OFF W MIFFLIN ST DRIVE)

V-1 LOCATED IN VALVE MANHOLE (STRUCTURE TO BE ABANDONED BY MWU)

U-Haul Moving & Storage  
 602 W Washington Ave  
 Madison, WI 53703

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