



Madison, Wisconsin

CITY OF MADISON

MADISON WATER UTILITY

DEPARTMENT OF PUBLIC WORKS

PLAN OF PROPOSED IMPROVEMENT

STRUCTURAL REHABILITATION OF WATER MAINS - 2014 WEST

PUBLIC IMPROVEMENT PROJECT
APPROVED

JUNE 3, 2014

BY THE COMMON COUNCIL
OF MADISON, WISCONSIN

PUBLIC IMPROVEMENT DESIGN
APPROVED BY:

[Signature] 6/17/14
Principal Engineer Date
Madison Water Utility

WATER
DESIGNED BY:



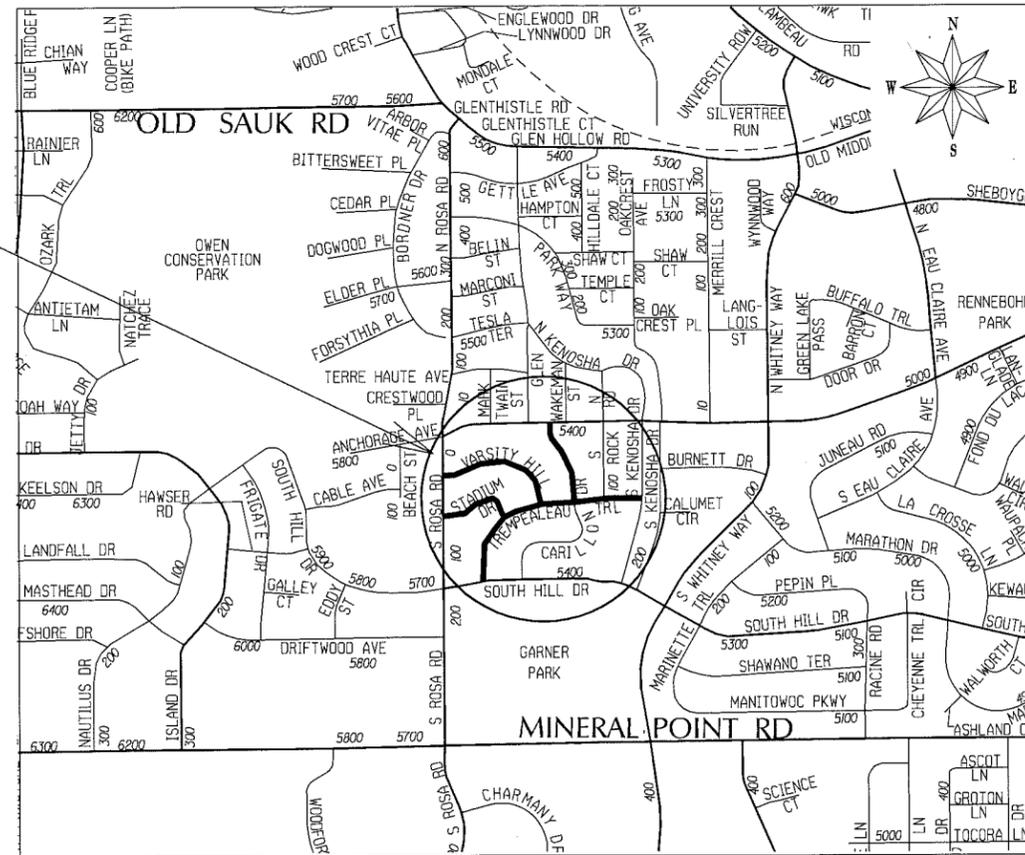
INDEX OF SHEETS

SHEET NO.	1	TITLE SHEET
SHEET NO.	W1	PROJECT OVERVIEW
SHEET NO.	W2-W5	WATER MAIN REHABILITATION PLAN

CITY PROJECT NO. 53W1797
CONTRACT NO. 7321

CONSTRUCTION
PROJECT LOCATION

CONVENTIONAL SIGNS	
FIELD VERIFY ALL UTILITY LOCATIONS	
GAS	— G —
STORM SEWER	— ST —
SANITARY SEWER	— SAN —
WATER	— W —
BURIED ELECTRIC	— E —
OVERHEAD ELECTRIC	— OH —
POWER POLE	□
ADA COMPLIANT RAMP W/ DETECTABLE WARNING FIELD	▣
COMBUSTIBLE FLUIDS	☀

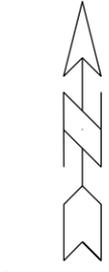
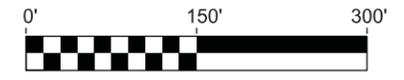


PLOT SCALE:

PLOT NAME:

REV. DATE:

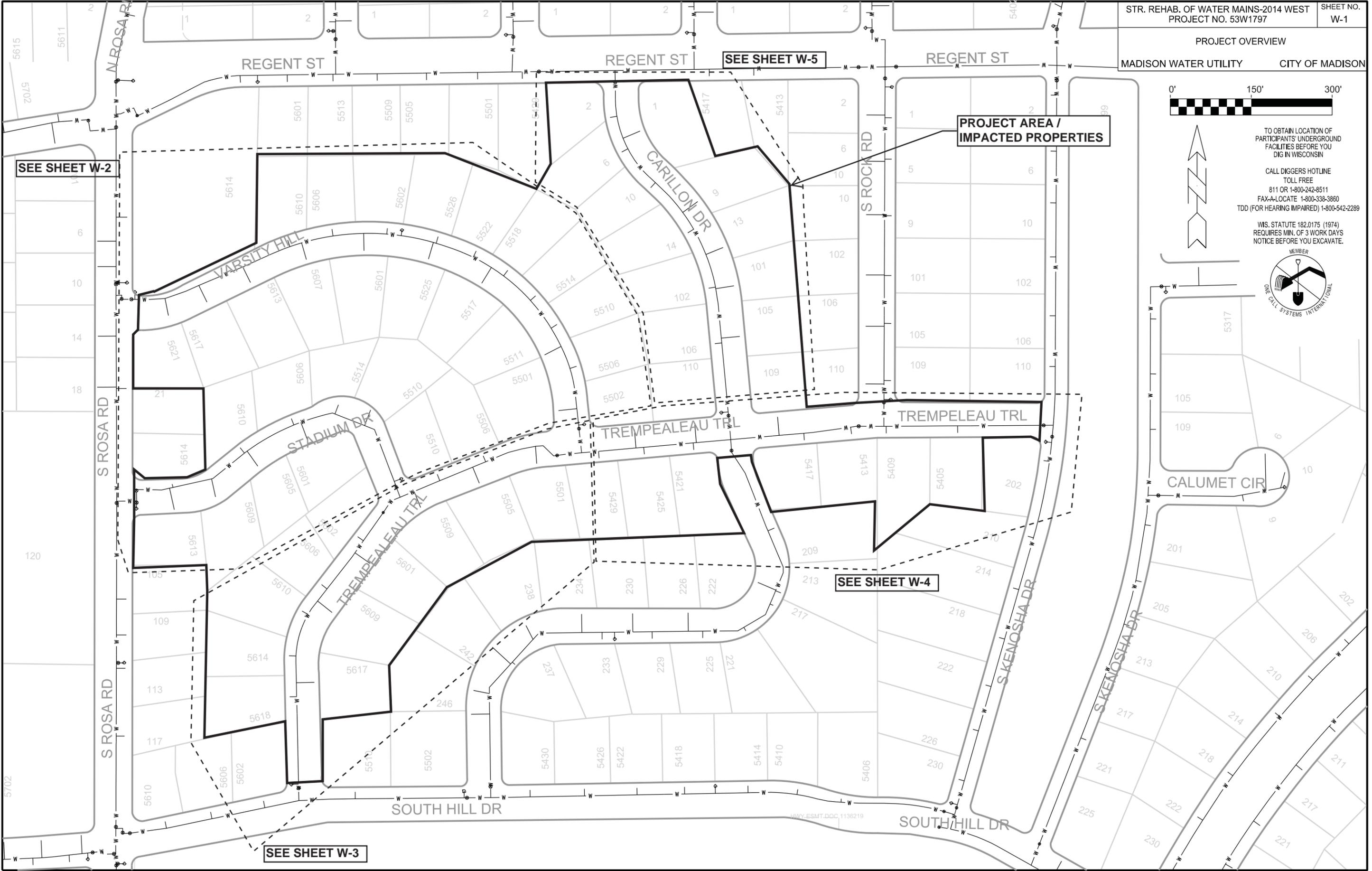
ORIGINATOR: CITY OF MADISON, STREETS DIVISION



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.

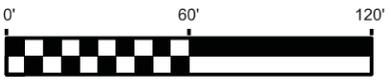
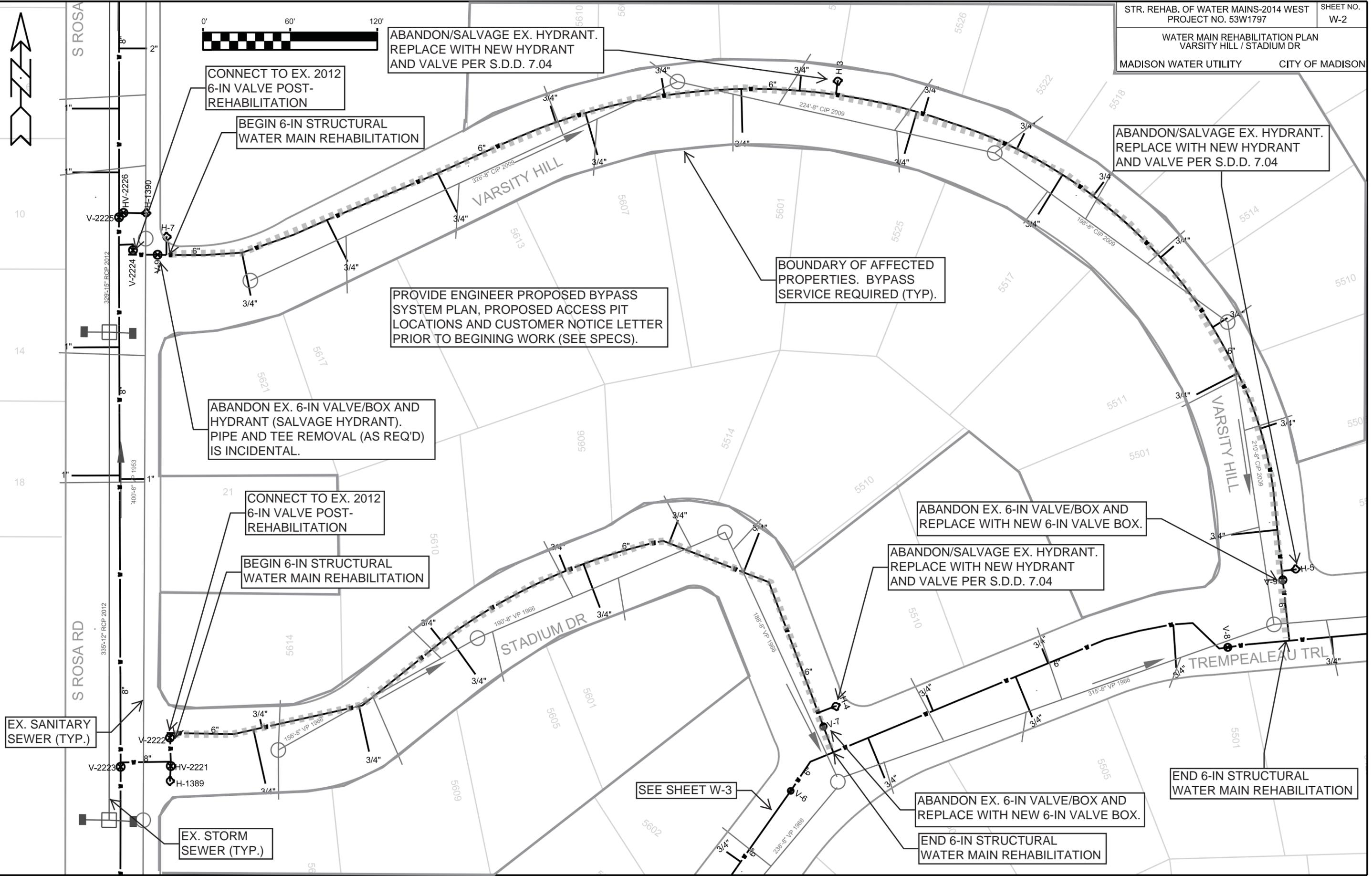


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ORIGINATOR: CITY OF MADISON, STREETS DIVISION



PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

CONNECT TO EX. 2012
6-IN VALVE POST-
REHABILITATION

BEGIN 6-IN STRUCTURAL
WATER MAIN REHABILITATION

ABANDON/SALVAGE EX. HYDRANT.
REPLACE WITH NEW HYDRANT
AND VALVE PER S.D.D. 7.04

ABANDON/SALVAGE EX. HYDRANT.
REPLACE WITH NEW HYDRANT
AND VALVE PER S.D.D. 7.04

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

PROVIDE ENGINEER PROPOSED BYPASS
SYSTEM PLAN, PROPOSED ACCESS PIT
LOCATIONS AND CUSTOMER NOTICE LETTER
PRIOR TO BEGINING WORK (SEE SPECS).

ABANDON EX. 6-IN VALVE/BOX AND
HYDRANT (SALVAGE HYDRANT).
PIPE AND TEE REMOVAL (AS REQ'D)
IS INCIDENTAL.

CONNECT TO EX. 2012
6-IN VALVE POST-
REHABILITATION

BEGIN 6-IN STRUCTURAL
WATER MAIN REHABILITATION

ABANDON EX. 6-IN VALVE/BOX AND
REPLACE WITH NEW 6-IN VALVE BOX.

ABANDON/SALVAGE EX. HYDRANT.
REPLACE WITH NEW HYDRANT
AND VALVE PER S.D.D. 7.04

EX. SANITARY
SEWER (TYP.)

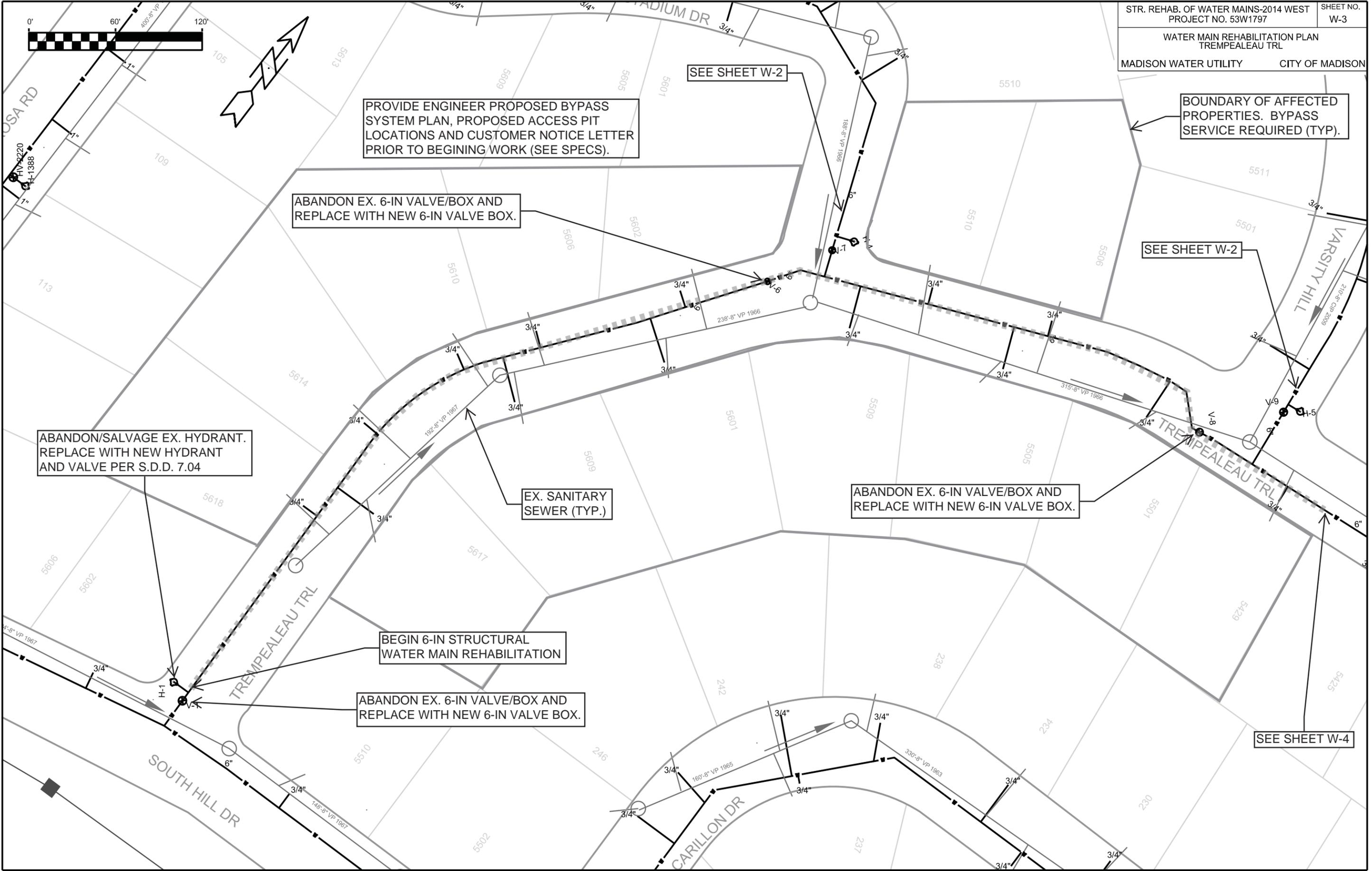
EX. STORM
SEWER (TYP.)

SEE SHEET W-3

ABANDON EX. 6-IN VALVE/BOX AND
REPLACE WITH NEW 6-IN VALVE BOX.

END 6-IN STRUCTURAL
WATER MAIN REHABILITATION

END 6-IN STRUCTURAL
WATER MAIN REHABILITATION



PLOT SCALE: _____
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 ORIGINATOR: CITY OF MADISON, STREETS DIVISION



PROVIDE ENGINEER PROPOSED BYPASS SYSTEM PLAN, PROPOSED ACCESS PIT LOCATIONS AND CUSTOMER NOTICE LETTER PRIOR TO BEGINING WORK (SEE SPECS).

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

SEE SHEET W-2

SEE SHEET W-5

ABANDON EX. 6-IN VALVE/BOX AND REPLACE WITH NEW 6-IN VALVE BOX.

CONNECT TO EX. 6-IN WATER MAIN.

EX. STORM SEWER (TYP.)

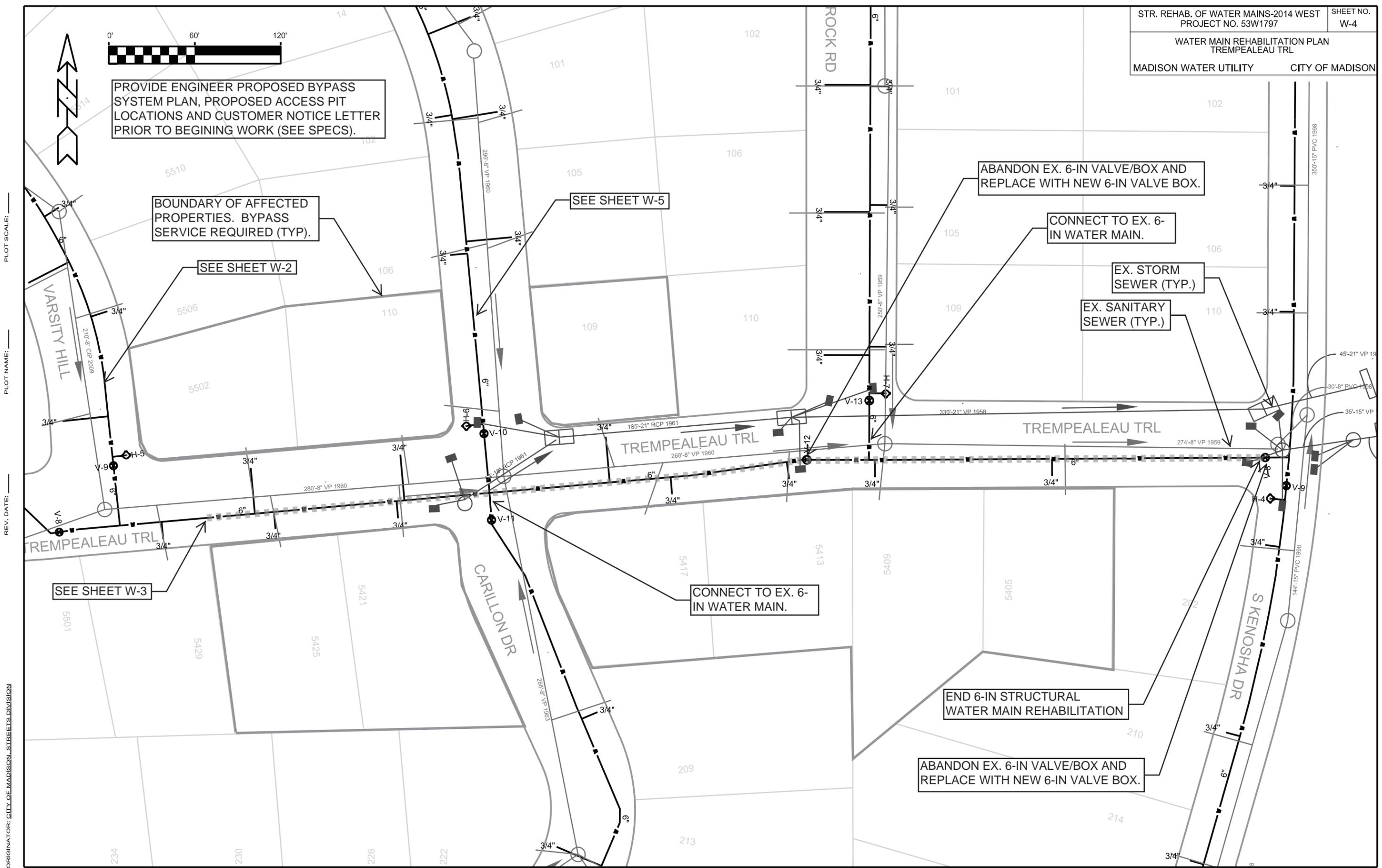
EX. SANITARY SEWER (TYP.)

TREMPEALEAU TRL

CONNECT TO EX. 6-IN WATER MAIN.

END 6-IN STRUCTURAL WATER MAIN REHABILITATION

ABANDON EX. 6-IN VALVE/BOX AND REPLACE WITH NEW 6-IN VALVE BOX.

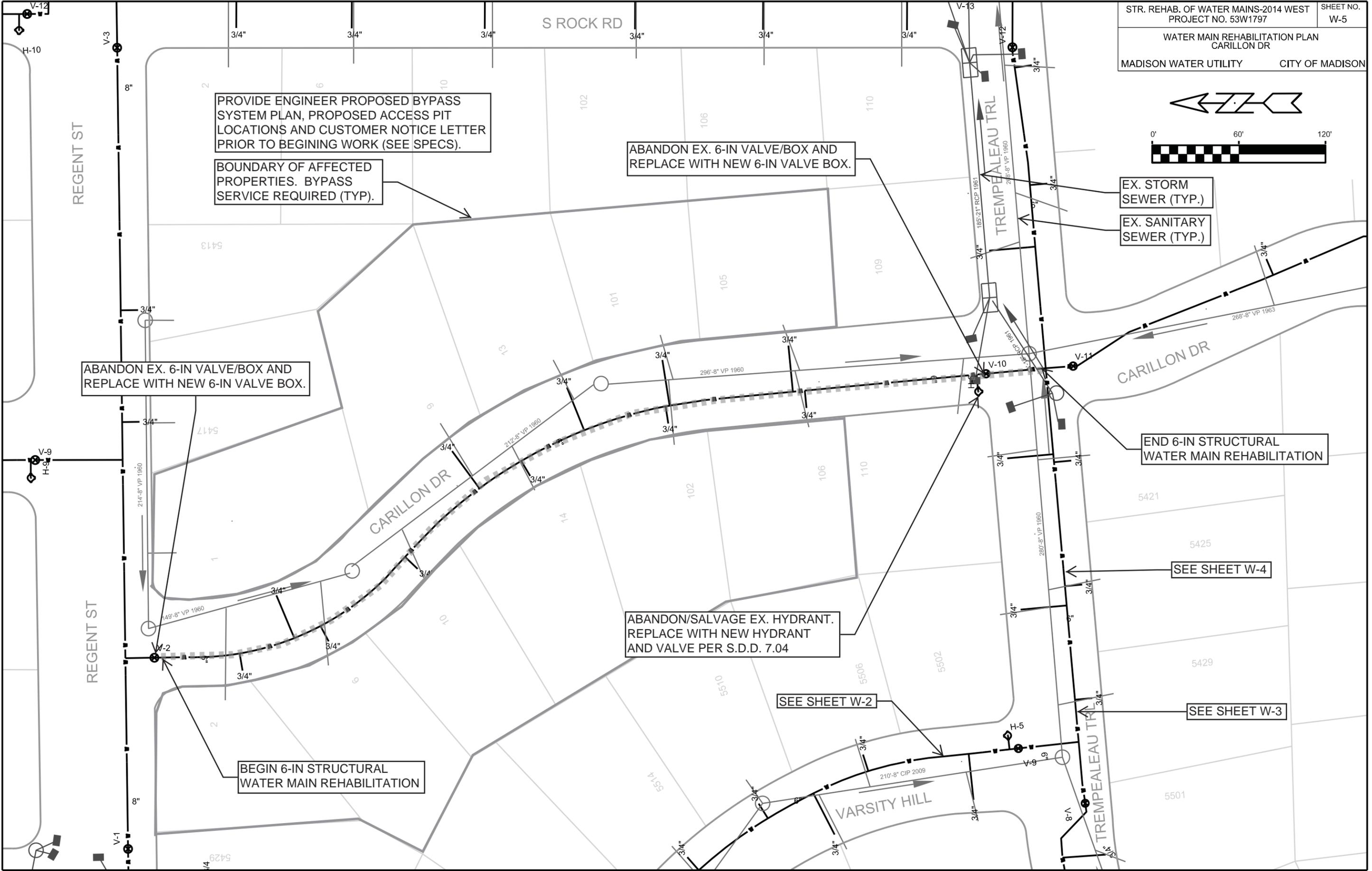
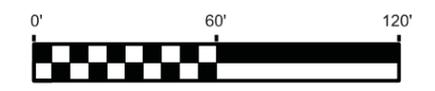
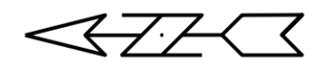


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EX. STORM
SEWER (TYP.)

EX. SANITARY
SEWER (TYP.)

END 6-IN STRUCTURAL
WATER MAIN REHABILITATION

SEE SHEET W-4

SEE SHEET W-3

SEE SHEET W-2

PROVIDE ENGINEER PROPOSED BYPASS
SYSTEM PLAN, PROPOSED ACCESS PIT
LOCATIONS AND CUSTOMER NOTICE LETTER
PRIOR TO BEGINING WORK (SEE SPECS).

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

ABANDON EX. 6-IN VALVE/BOX AND
REPLACE WITH NEW 6-IN VALVE BOX.

ABANDON EX. 6-IN VALVE/BOX AND
REPLACE WITH NEW 6-IN VALVE BOX.

ABANDON/SALVAGE EX. HYDRANT.
REPLACE WITH NEW HYDRANT
AND VALVE PER S.D.D. 7.04

BEGIN 6-IN STRUCTURAL
WATER MAIN REHABILITATION

PLOT SCALE: _____

PLOT NAME: _____

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