

Madison, Wisconsin

CITY OF MADISON

MADISON WATER UTILITY

DEPARTMENT OF PUBLIC WORKS

PLAN OF PROPOSED IMPROVEMENT

PUBLIC IMPROVEMENT PROJECT APPROVED

FEBRUARY 5, 2013

BY THE COMMON COUNCIL OF MADISON, WISCONSIN

WATER SYSTEM IMPROVEMENTS APPROVED BY:

[Signature] 2/8/13
Principal Engineer Date

WATER DESIGNED BY:

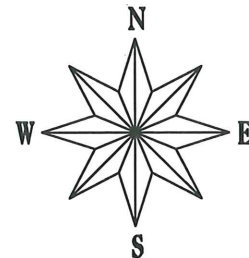
WISCONSIN PROFESSIONAL ENGINEER
KELLY B. MIESS
E-41821
MADISON WI
[Signature] 2/8/2013

INDEX OF SHEETS

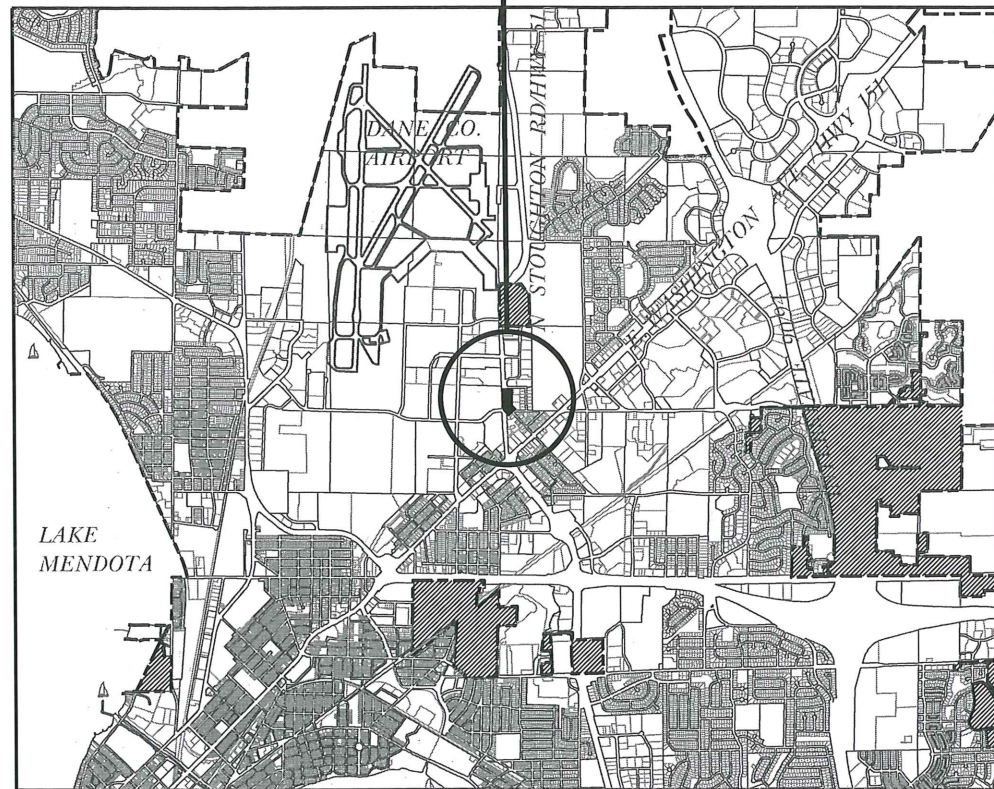
SHEET NO.	TITLE
1	
EC1-EC3	EROSION CONTROL PLAN
W1-W3	WATER PLAN & PROFILES
W4	WATER MATERIALS ESTIMATE
RI-R3	RESTORATION PLAN

WATER REPLACEMENT AHEAD OF RESURFACING - 2013

CITY PROJECT NO. 53W1580
CITY CONTRACT NO. 7048

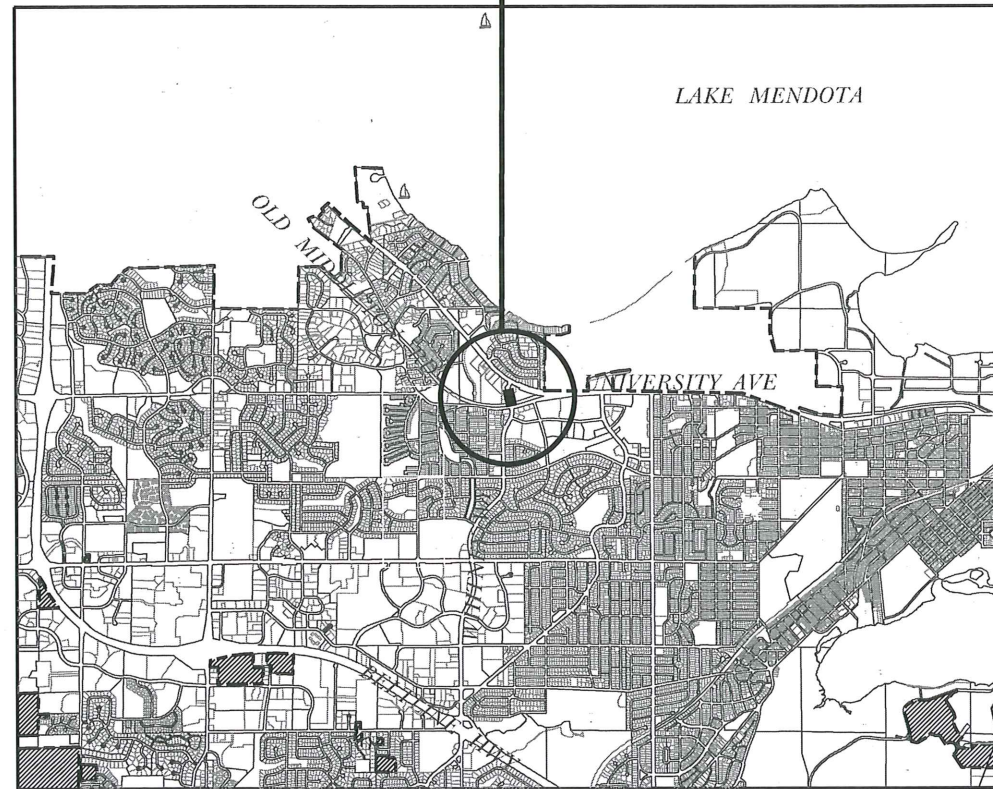


CONSTRUCTION PROJECT LOCATION



N STOUGHTON SERVICE RD

CONSTRUCTION PROJECT LOCATION



N WHITNEY WY

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

EROSION CONTROL PLAN

N STOUGHTON SERVICE RD CITY OF MADISON

PM: DENNIS CAWLEY

DESIGNER: KBM

TYPE D MODIFIED INLET PROTECTION
PROVIDE, INSTALL & MAINTAIN

TYPE D MODIFIED INLET PROTECTION
PROVIDE, INSTALL & MAINTAIN

081033203069
PDQ OF APPLETON INC
1625 & 1623 N STOUGHTON RD

081028302090
ZIMBRICK INC
1707 N STOUGHTON RD

081028302090
ZIMBRICK INC
1707 N STOUGHTON RD

081028302107
LUNDQUIST TR, RICHARD T
1717 N STOUGHTON RD

EROSION CONTROL NOTES:

EROSION CONTROL MEASURES SHALL BE IN PLACE PRIOR TO ANY OTHER CONSTRUCTION ACTIVITY.

THE CONTRACTOR IS RESPONSIBLE FOR THE CONSTRUCTION AND MAINTENANCE OF ALL EROSION CONTROL MEASURES UNTIL FINAL ACCEPTANCE BY THE CITY OF MADISON.

THE CONTRACTOR SHALL INSTALL AND MAINTAIN EROSION CONTROL MEASURES IN ACCORDANCE WITH THE WDNR SOC STANDARDS AND CITY OF MADISON STANDARD SPECIFICATIONS.

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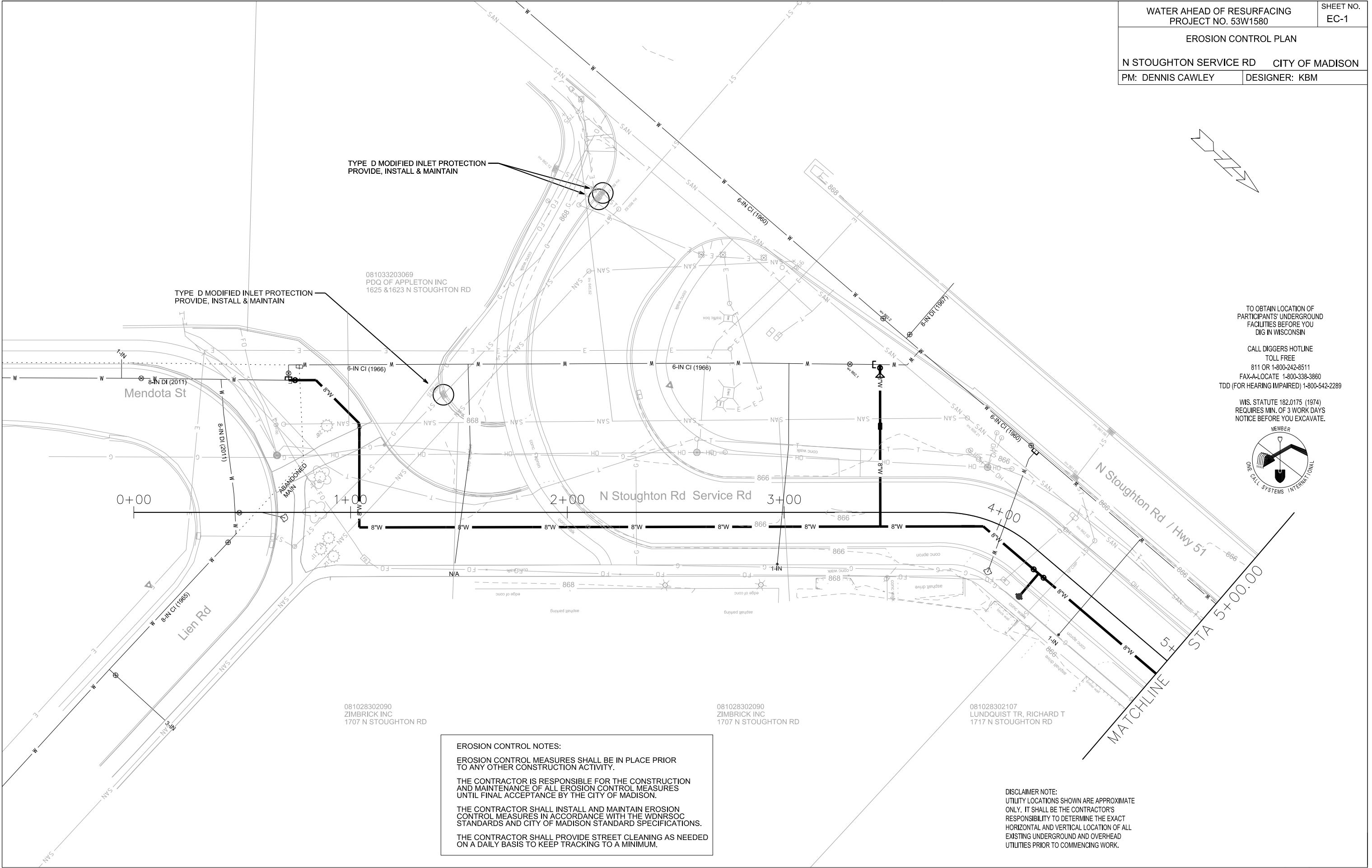
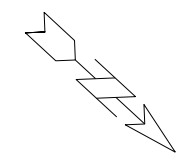
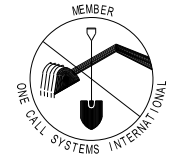
DISCLAIMER NOTE:

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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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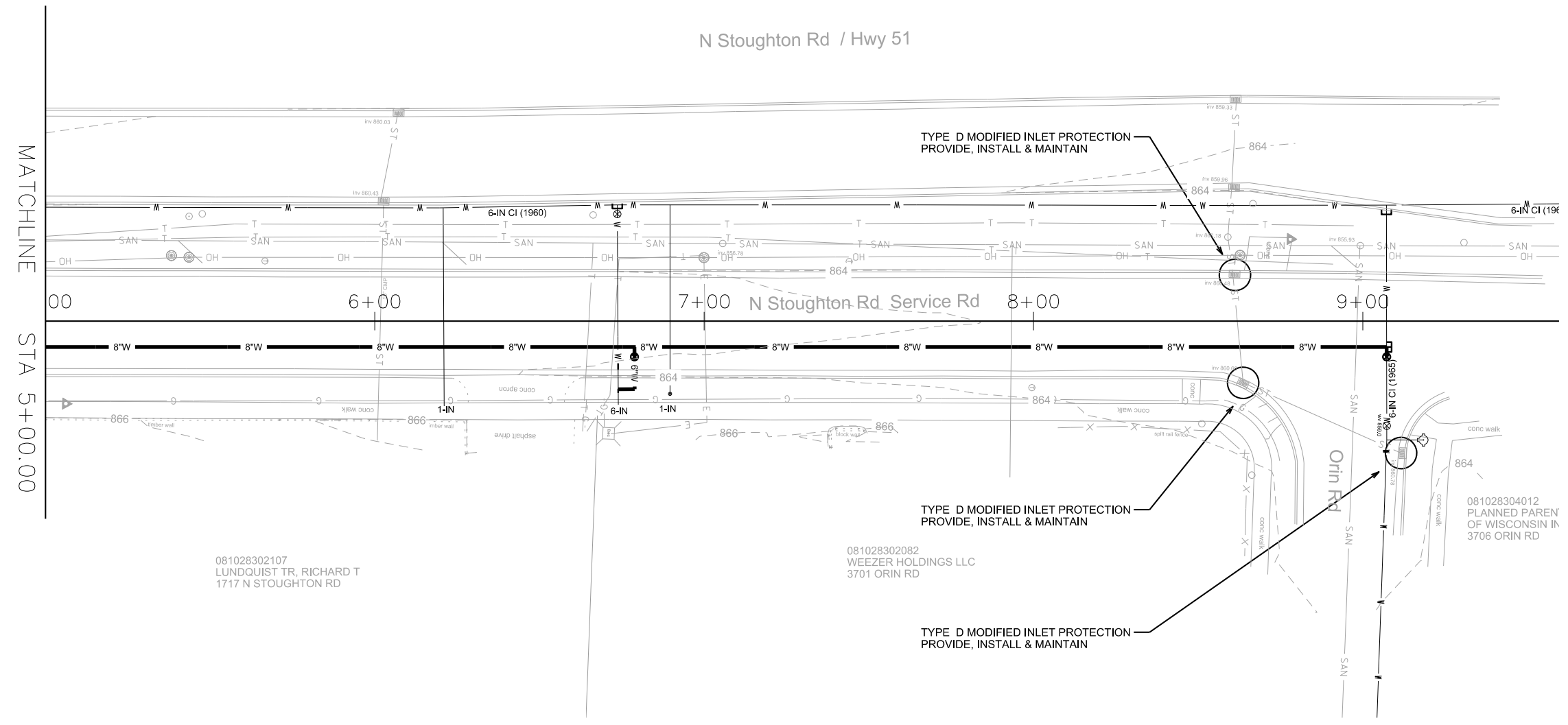
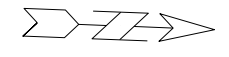
REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

EROSION CONTROL PLAN

N STOUGHTON SERVICE RD CITY OF MADISON

PM: DENNIS CAWLEY DESIGNER: KBM



TYPE D MODIFIED INLET PROTECTION
PROVIDE, INSTALL & MAINTAIN

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PROVIDE, INSTALL & MAINTAIN

TYPE D MODIFIED INLET PROTECTION
PROVIDE, INSTALL & MAINTAIN

081028302107
LUNDQUIST TR, RICHARD T
1717 N STOUGHTON RD

081028302082
WEEZER HOLDINGS LLC
3701 ORIN RD

081028304012
PLANNED PAREN
OF WISCONSIN IN
3706 ORIN RD

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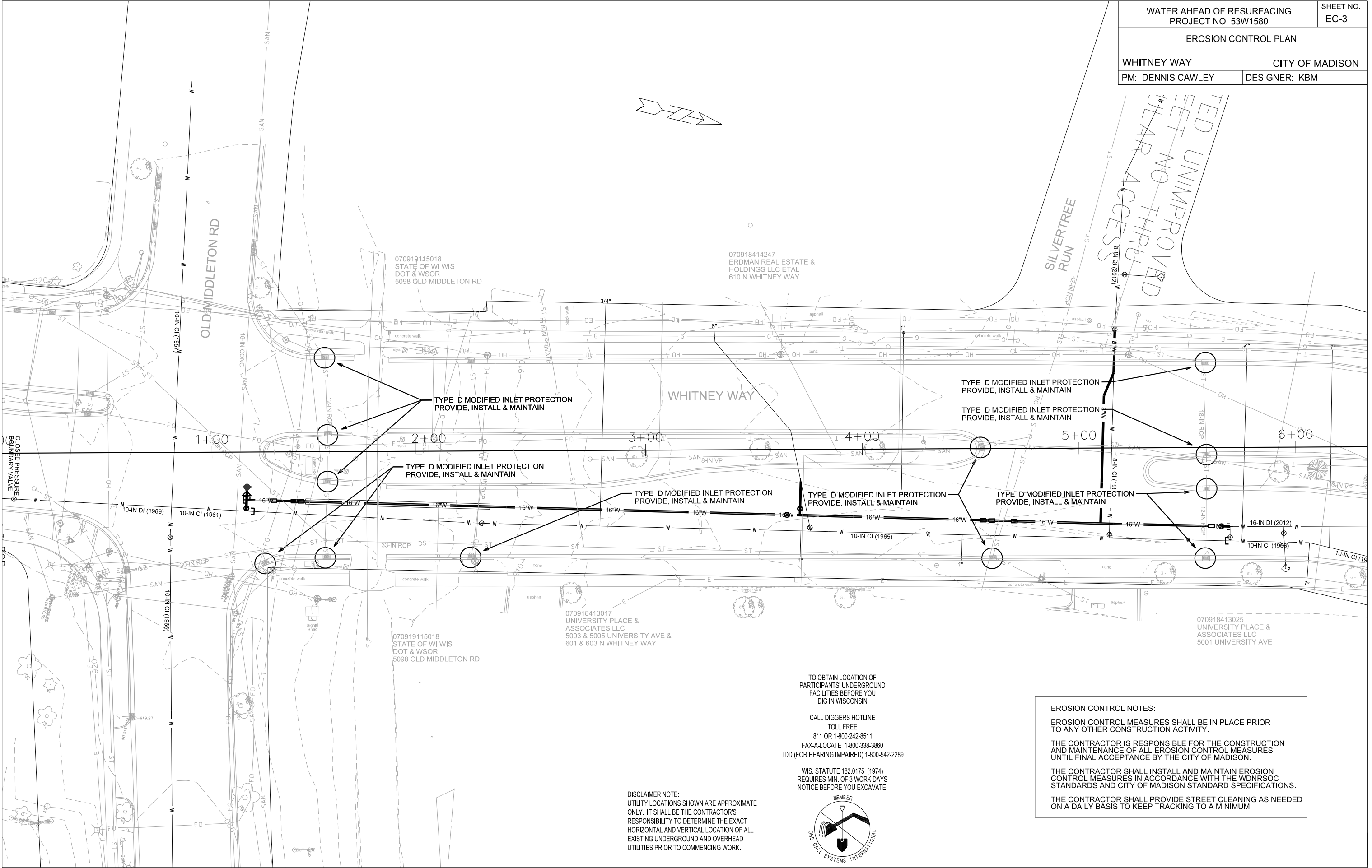
PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

EROSION CONTROL PLAN

WHITNEY WAY CITY OF MADISON
PM: DENNIS CAWLEY DESIGNER: KBM



PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

070919145018
STATE OF WI WIS
DOT & WSOR
5098 OLD MIDDLETON RD

070918414247
ERDMAN REAL ESTATE &
HOLDINGS LLC ETAL
610 N WHITNEY WAY

070919115018
STATE OF WI WIS
DOT & WSOR
5098 OLD MIDDLETON RD

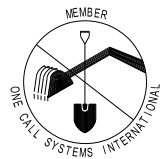
070918413017
UNIVERSITY PLACE &
ASSOCIATES LLC
5003 & 5005 UNIVERSITY AVE &
601 & 603 N WHITNEY WAY

070918413025
UNIVERSITY PLACE &
ASSOCIATES LLC
5001 UNIVERSITY AVE

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PARTICIPANTS' UNDERGROUND
FACILITIES BEFORE YOU
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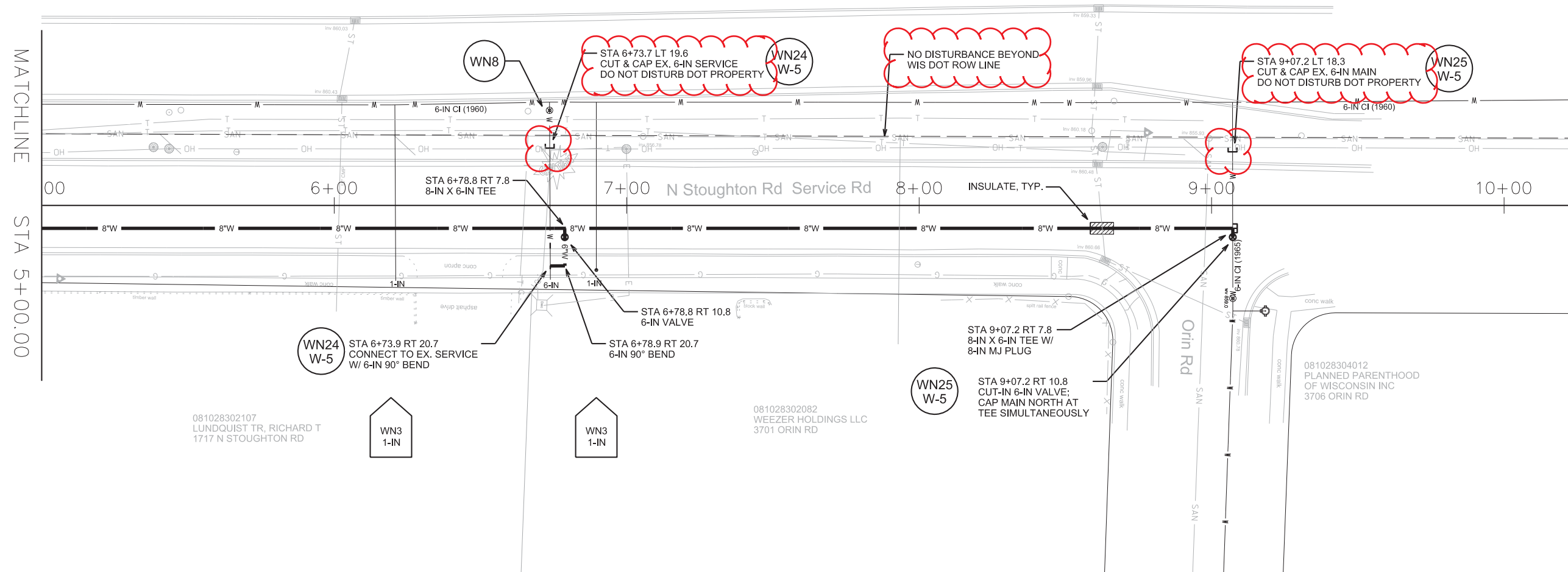
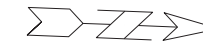
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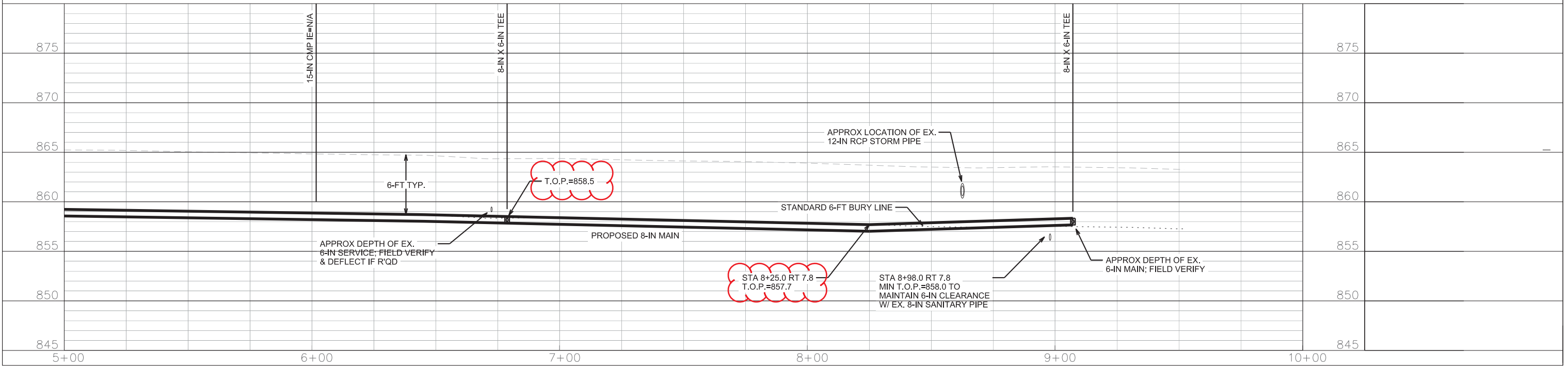
N Stoughton Rd / Hwy 51



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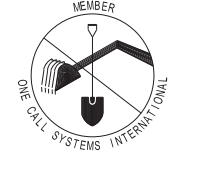
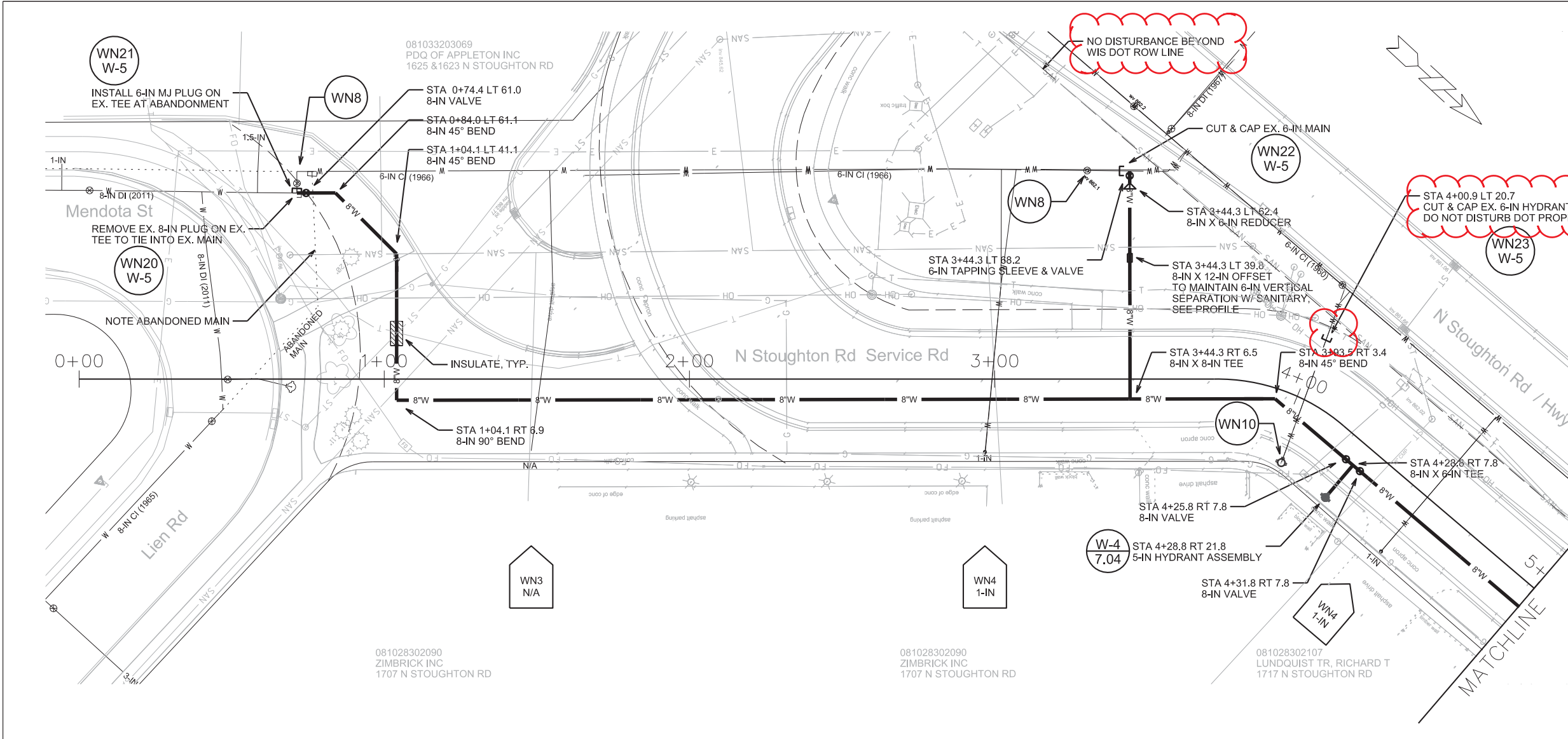


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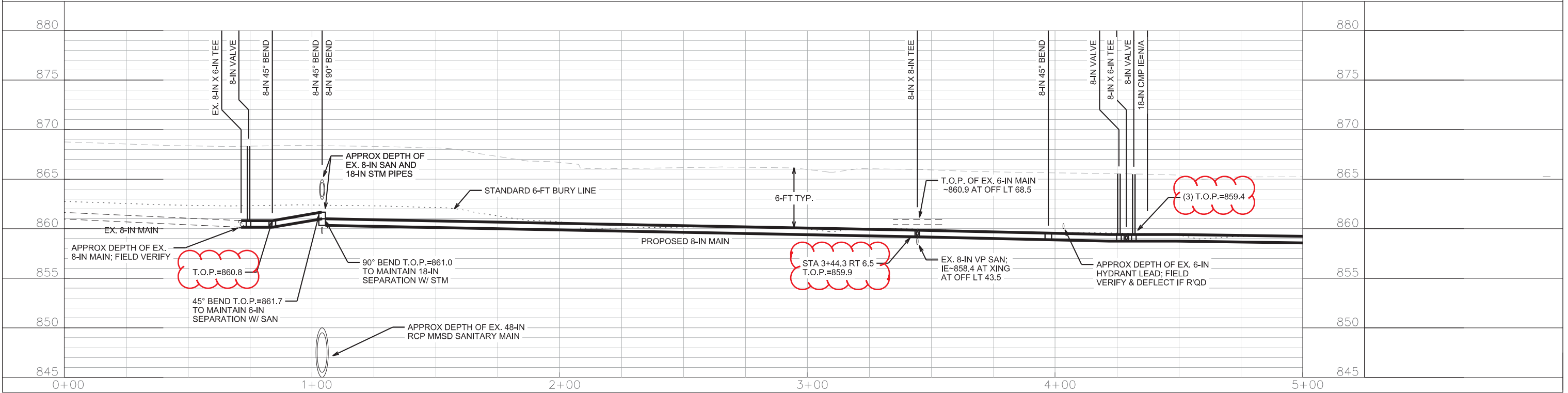
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ORIGINATOR: CITY OF MADISON, STREETS DIVISION



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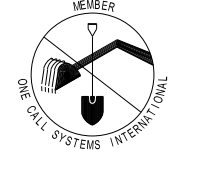
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REVISED 05/15/2013 KBM

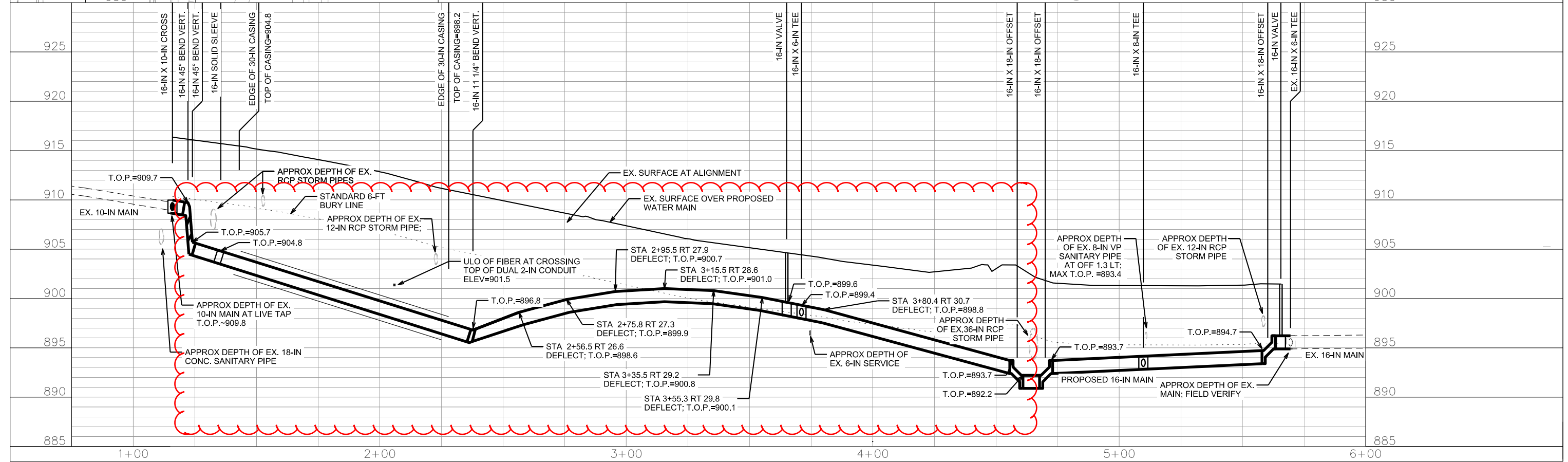
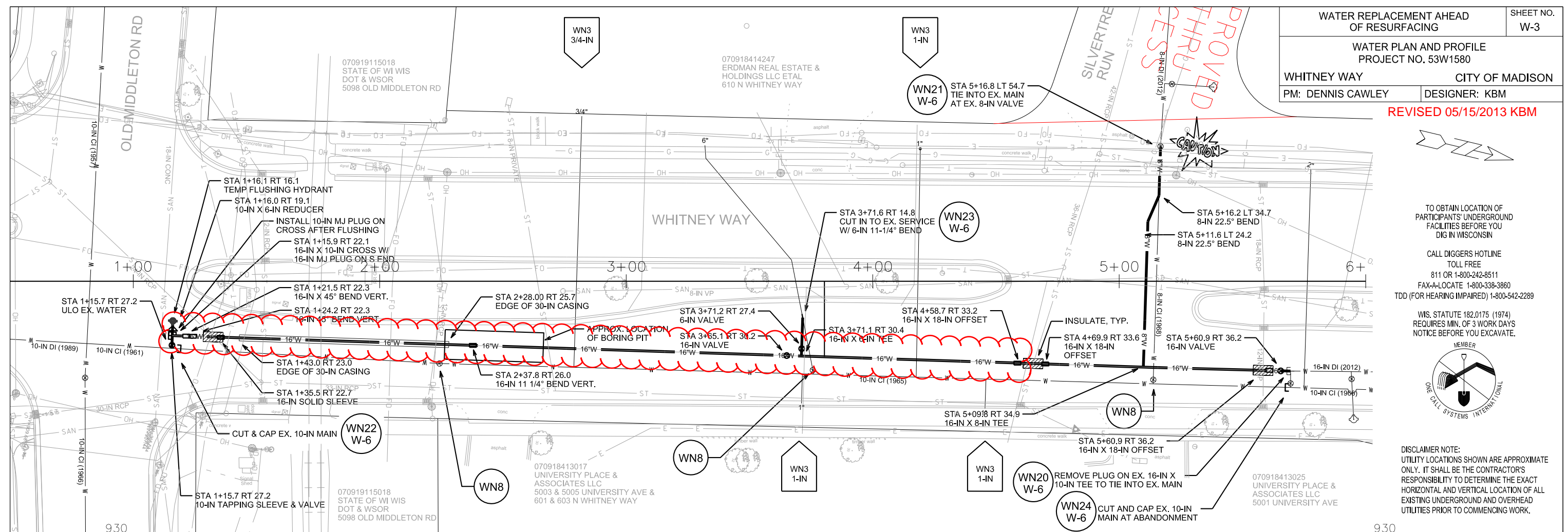
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PLOT SCALE: _____
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CONSTRUCTION NOTES:

1. CONSTRUCT NEW WATER MAIN 6.0' BELOW FINISHED GRADE, UNLESS OTHERWISE NOTED. INSULATE MAIN WITH POLYSTYRENE BOARD AT UTILITY CROSSINGS OR OTHER AREAS IDENTIFIED BY ENGINEER AS HAVING INADEQUATE COVER.
2. VERIFY SIZE OF EXISTING WATER SERVICES AND RECONNECT SERVICES AS INDICATED.
3. MINIMIZE DISRUPTION OF SERVICE TO EXISTING CUSTOMERS. NOTIFY PER CONTRACT REQUIREMENTS OF ANY PLANNED WATER OUTAGE.
4. EXISTING WATER MAIN SHALL REMAIN IN SERVICE UNTIL NEW WATER MAIN IS TESTED AND ACCEPTED BY MADISON WATER UTILITY AND ALL SERVICES ARE RECONNECTED.
5. THE EXISTING UTILITIES SHOWN ON THIS PLAN REPRESENT THE BEST INFORMATION AVAILABLE TO THE WATER UTILITY AT THE TIME OF PLAN PREPARATION. CONTRACTOR IS RESPONSIBLE FOR HAVING EACH UTILITY LOCATED PRIOR TO COMMENCING WORK.

- WN1 REPLACE THE EXISTING LEAD SERVICE WITH A NEW COPPER SERVICE.
- WN2 EXTEND AND RECONNECT THE EXISTING COPPER SERVICE TO THE NEW WATER MAIN.
- WN3 EXISTING SERVICE TO BE ABANDONED WHEN THE WATER MAIN IS CUT OFF.
- WN4 DISCONNECT FROM THE OLD WATER MAIN AND RECONNECT THE EXISTING COPPER WATER SERVICE LATERAL TO THE NEW WATER MAIN.
- WN5 RELOCATE THE EXISTING FIRE HYDRANT.
- WN6 ABANDON WATER VALVE ACCESS STRUCTURE.
- WN7 FURNISH AND INSTALL THE NEW TOP SECTION FOR THE WATER ACCESS STRUCTURE.
- WN8 ABANDON THE VALVE BOX.
- WN9 FURNISH THE DITCH, COMPACTION, AND ALL MATERIALS AND LABOR FOR THE INSTALLATION OF NEW SERVICE LATERAL.
- WN10 REMOVE AND SALVAGE EXISTING HYDRANT
- WN11 REPLACE THE EXISTING COPPER SERVICE WITH A COPPER SERVICE
- WN20+ SEE WATER IMPACT PLAN FOR CONNECTION POINT ISOLATION AND WATER SHUT- OFF NOTIFICATION INFORMATION.

ESTIMATE OF MATERIALS SUPPLIED BY CONTRACTOR:

** ESTIMATE OF MATERIALS IS FOR INFORMATION ONLY. ENGINEER DOES NOT GUARANTEE ACCURACY OF MATERIAL TAKE- OFF.*

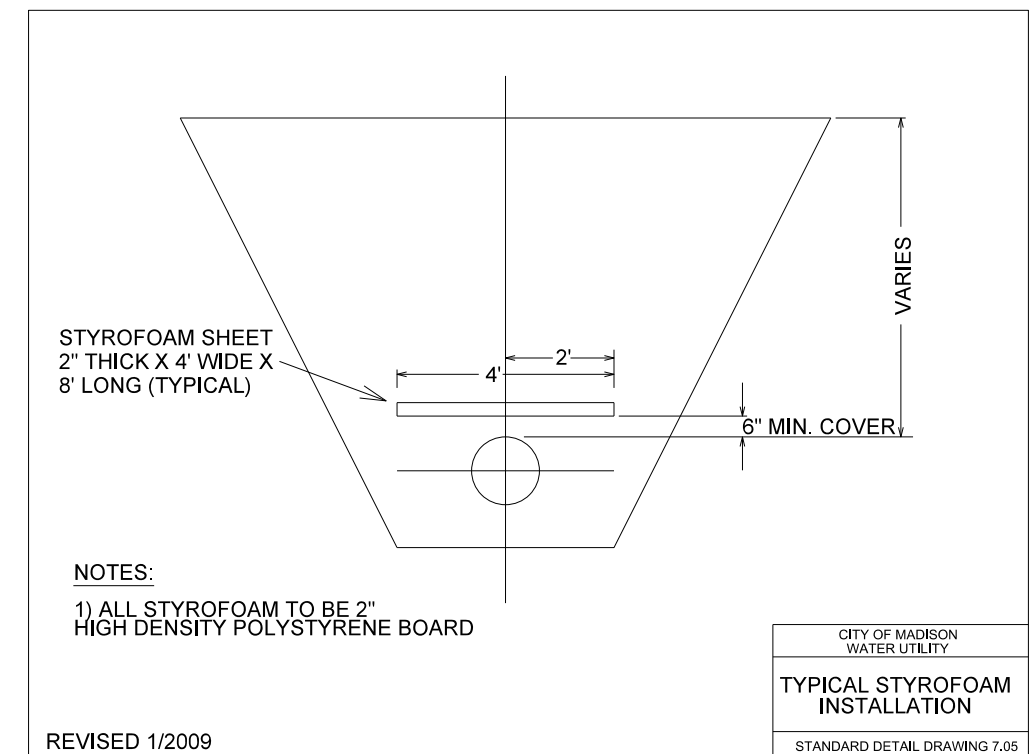
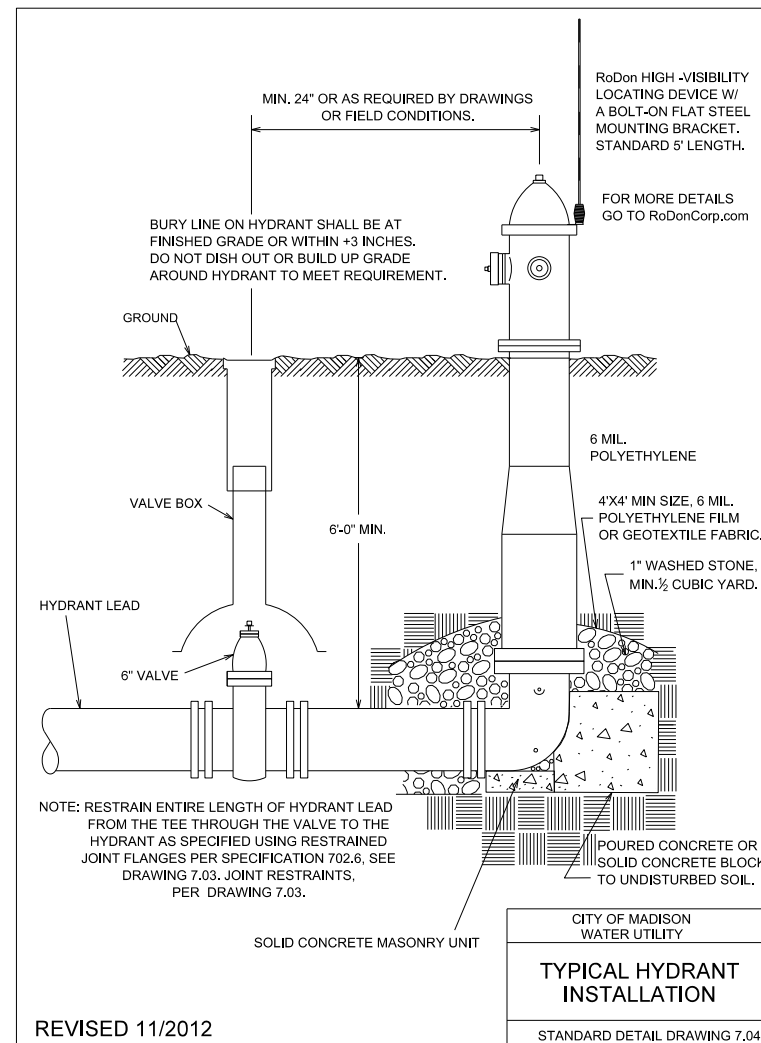
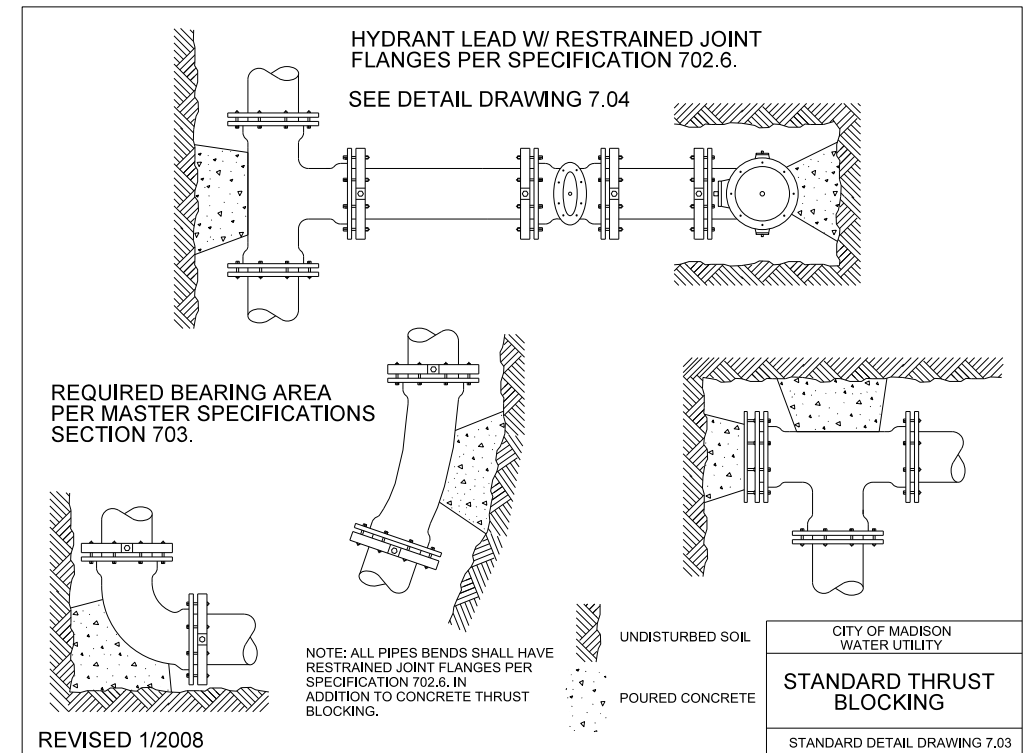
65' - 6" PIPE	2 - 6" 90° BEND
1070' - 8" PIPE	1 - 8" 90° BEND
5' - 10" PIPE	
460' - 16" PIPE	3 - 8" 45° BEND
	4 - 16" 45° BEND
85' - 30" CASING	
	2 - 8" 22.5° BEND
1900' - POLYWRAP	
	1 - 6" 11.25° BEND
3 - 6" VALVE & BOX	
3 - 8" VALVE & BOX	3 - 6" MJ CAP
2 - 16" VALVE & BOX	2 - 10" MJ CAP
3 - 8"X6" TEE	1 - 6" MJ PLUG
1 - 8"X8" TEE	1 - 8" MJ PLUG
1 - 16"X6" TEE	1 - 10" MJ PLUG
1 - 16"X8" TEE	1 - 16" MJ PLUG
1 - 16"X10" CROSS	1 - 5" HYDRANT ASSEMBLY (TEMPORARY FLUSHING)
1 - 16"X12" OFFSET	
2 - 16"X18" OFFSET	40' - 2" STYROFOAM INSULATION
1 - 8"X6" REDUCER	1" COPPER (AS R'QD)
1 - 10"X6" REDUCER	

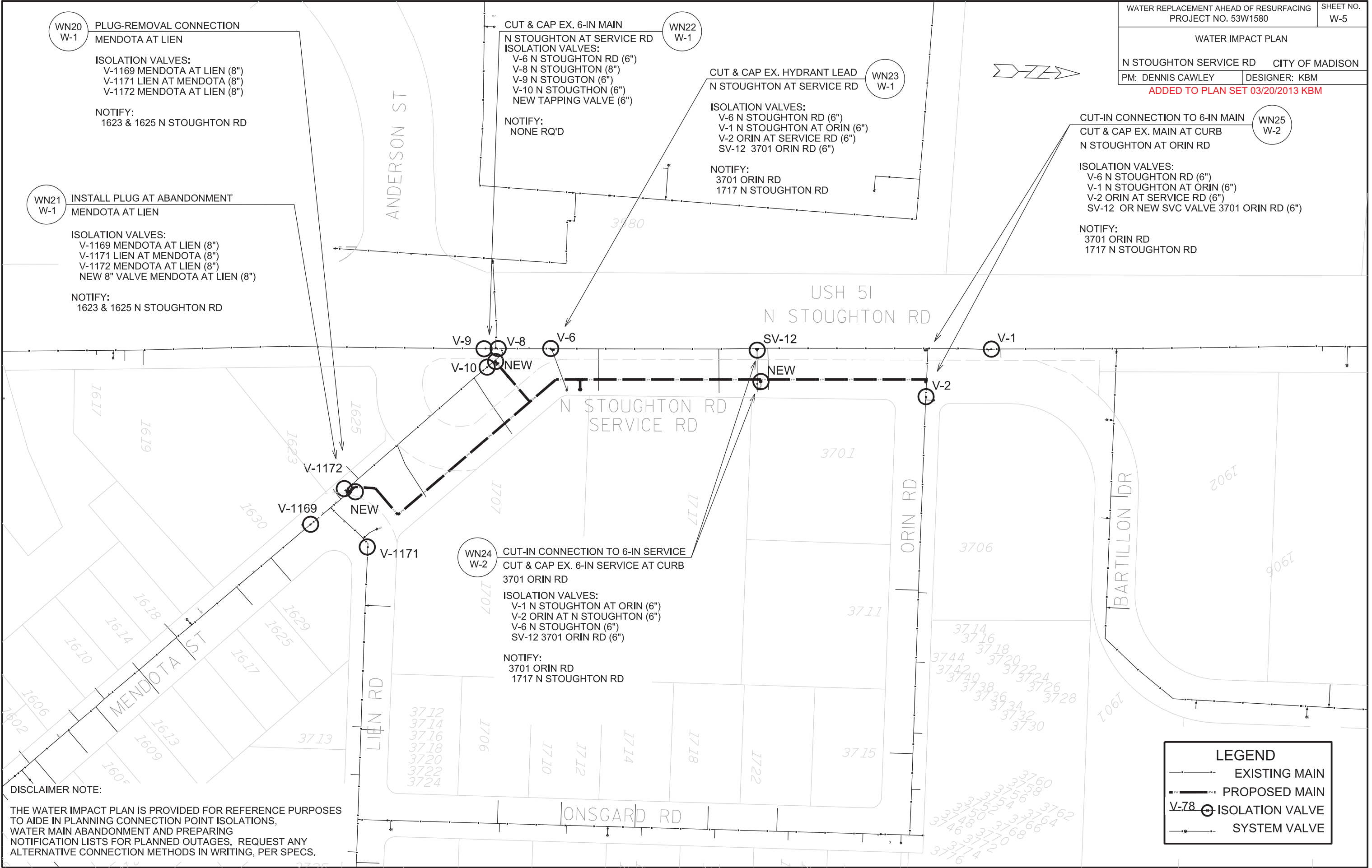
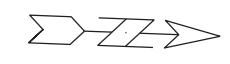
MATERIALS SUPPLIED BY CITY:

- 1 - 6"X6" TAPPING SLEEVE & VALVE
- 1 - 10"X10" TAPPING SLEEVE & VALVE

REUSED MATERIALS:

NONE





PLOT SCALE: _____
 PLOT NAME: _____
 REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

DISCLAIMER NOTE:
 THE WATER IMPACT PLAN IS PROVIDED FOR REFERENCE PURPOSES TO AIDE IN PLANNING CONNECTION POINT ISOLATIONS, WATER MAIN ABANDONMENT AND PREPARING NOTIFICATION LISTS FOR PLANNED OUTAGES. REQUEST ANY ALTERNATIVE CONNECTION METHODS IN WRITING, PER SPECS.

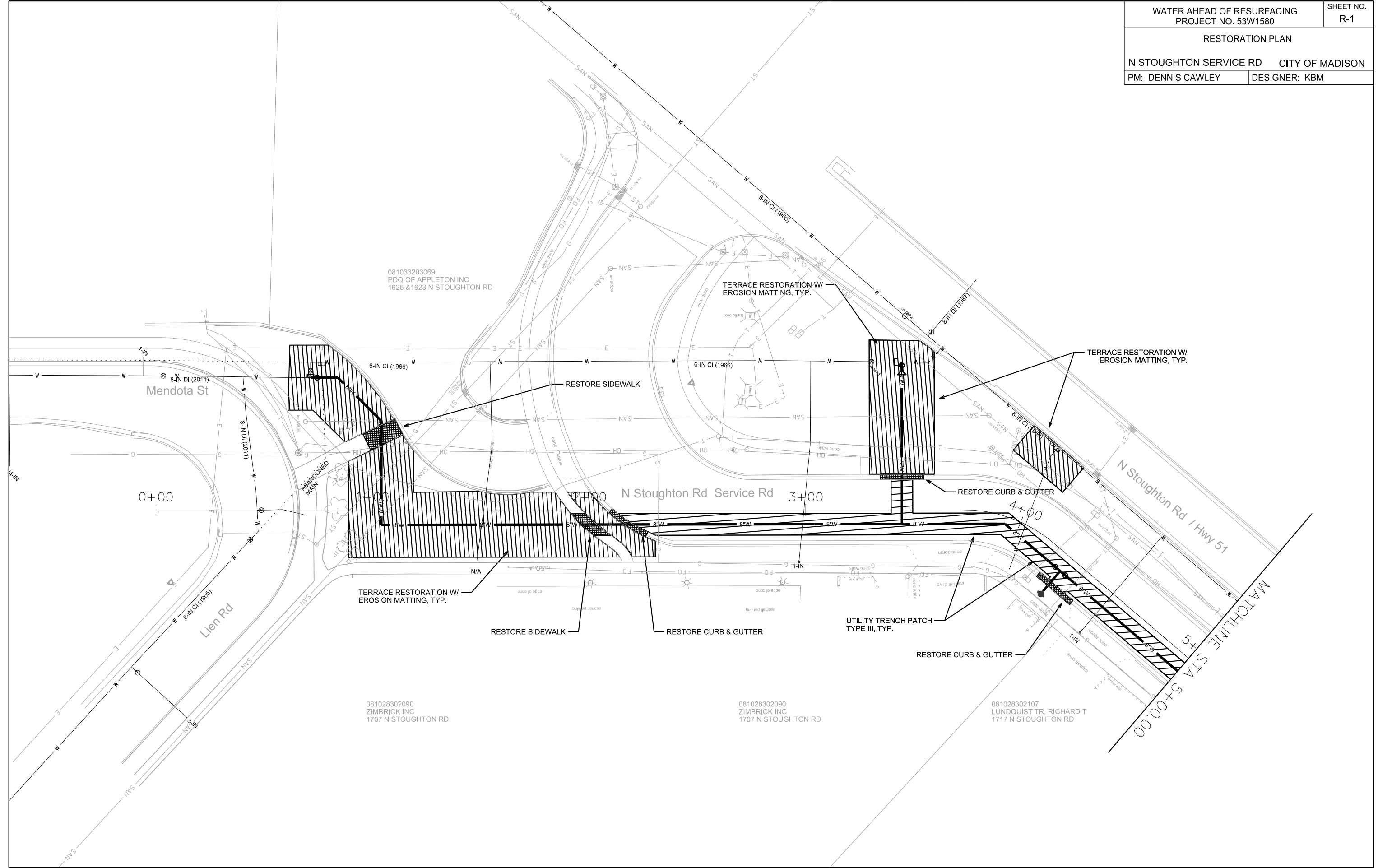
LEGEND

- EXISTING MAIN
- PROPOSED MAIN
- ISOLATION VALVE
- SYSTEM VALVE

RESTORATION PLAN

N STOUGHTON SERVICE RD CITY OF MADISON

PM: DENNIS CAWLEY DESIGNER: KBM



PLOT SCALE: _____

PLOT NAME: _____

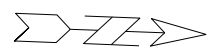
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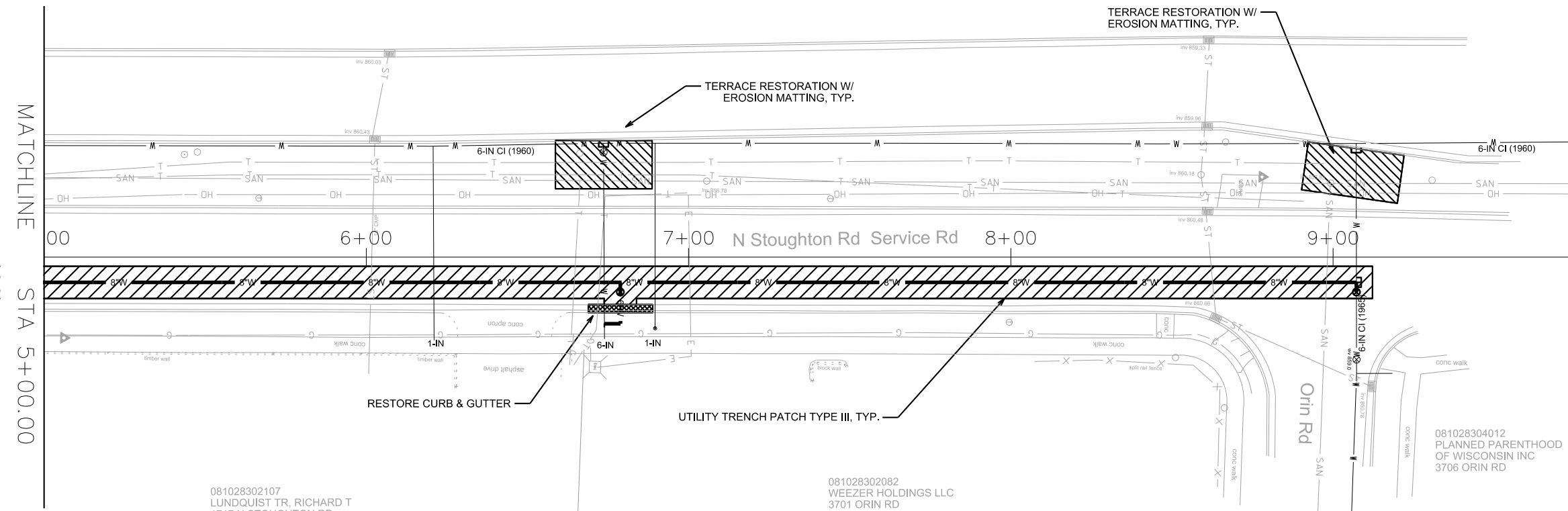
RESTORATION PLAN

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N Stoughton Rd / Hwy 51



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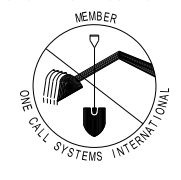
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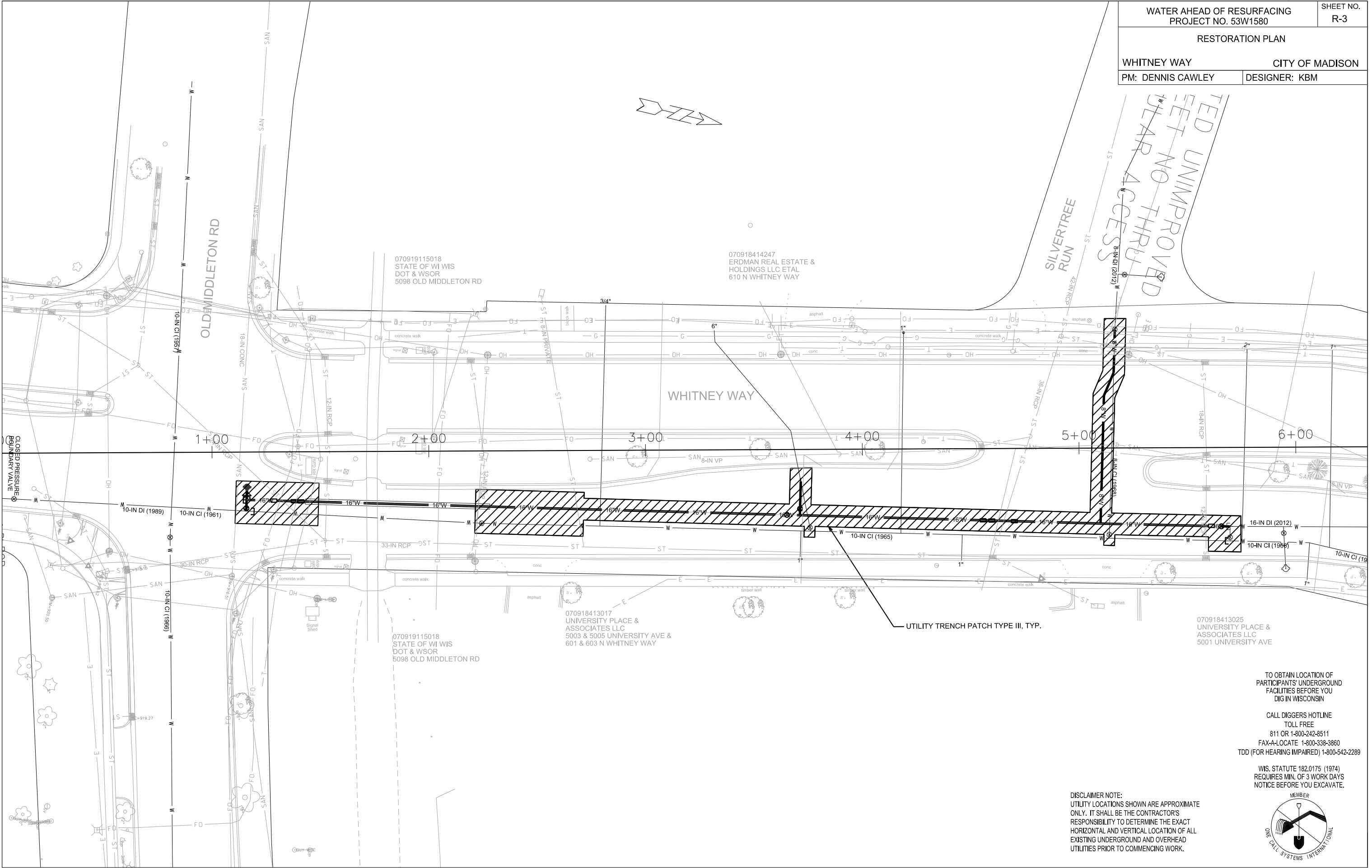
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RESTORATION PLAN

WHITNEY WAY CITY OF MADISON
PM: DENNIS CAWLEY DESIGNER: KBM



PLOT SCALE: _____

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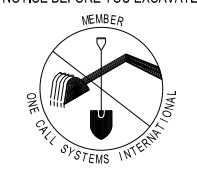
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PI 4+18.16 0.00 LT N=499983.68 E=837047.54
 PI 4+12.47 0.00 LT N=499978.01 E=837047.99
 PI 4+06.71 0.00 LT N=499972.33 E=837048.96
 PI 4+00.90 0.00 LT N=499966.71 E=837050.45
 PI 3+95.06 0.00 LT N=499961.23 E=837052.46
 PI 3+89.23 0.00 LT N=499955.96 E=837054.96
 PI 3+83.41 0.00 LT N=499950.91 E=837057.31
 PI 3+77.65 0.00 LT N=499946.30 E=837061.05
 PI 3+71.95 0.00 LT N=499942.01 E=837065.05

CP - CUT X ON SW
 STA 2+47.33
 OFF 58.68 LT
 N 499810.60
 E 837106.37

POE
 STA 11+24.46
 OFF 0.00 LT
 N 500689.45
 E 837020.34

POB
 STA 0+00.00
 OFF 0.00 LT
 N 499668.52
 E 837317.16

CP - CUT X ON SW
 STA 5+06.17
 OFF 25.04 RT
 N 500072.59
 E 837069.18

CP - CUT X ON PAD
 STA 8+78.03
 OFF 24.95 LT
 N 500442.25
 E 837004.90

CP - CUT X ON SW
 STA 0+06.86
 OFF 33.53 RT
 N 499696.29
 E 837337.16
 EL 868.25



PLOT SCALE:

PLOT NAME:

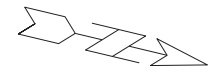
REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

ALIGNMENT AND CONTROL POINTS

WHITNEY WAY CITY OF MADISON
PM: DENNIS CAWLEY DESIGNER: KBM

SCALE: 1" = 60'
ADDED TO PLAN SET 03/20/2013 KBM



POB
STA 0+00.00
OFF 0.00 LT
N 482523.19
E 798944.43

POE
STA 7+00.00
OFF 0.00 LT
N 483203.34
E 798778.91

0+00 1+00 2+00 3+00 4+00 5+00 6+00 7+00

WHITNEY WAY

CP - CUT X ON SW
STA 4+82.32
60.09 RT
N 483006.05
E 798888.77
EL 90.47

CP - CUT X ON SW
STA 0+34.46
40.50 RT
N 482566.26
E 798975.63
EL 918.86

CP - CUT X ON SW
STA 0+42.69
52.24 RT
N 482577.03
E 798985.09
EL 918.88

CP - CUT X ON SW
STA 4+82.32
60.09 RT
N 483006.05
E 798888.77
EL 901.47

CP - CUT X ON SW
STA N/A
N 483289.33
E 798779.31
EL 902.67

CP - CUT X ON SW
STA 0+72.71
358.97 RT
N 482678.72
E 799276.02
EL 917.48

CP - CUT X ON TC
STA 1+20.53
346.31 RT
N 482722.19
E 799252.41
EL 916.08

CP - CUT X ON TC
STA 2+38.47
336.47 RT
N 482834.46
E 799214.97
EL 910.05

OLD MIDDLETON RD

SILVERTREE RUN

UNIVERSITY AVE

PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION