



Madison, Wisconsin

# CITY OF MADISON

## MADISON WATER UTILITY

### DEPARTMENT OF PUBLIC WORKS

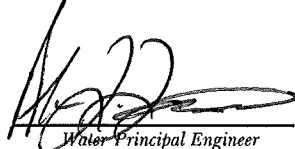
#### PLAN OF PROPOSED IMPROVEMENT

PUBLIC IMPROVEMENT PROJECT APPROVED

MAY 17, 2016

BY THE COMMON COUNCIL  
OF MADISON, WISCONSIN

PUBLIC IMPROVEMENT DESIGN  
APPROVED BY:

 5/27/16  
Water Principal Engineer Date

WATER MAIN &  
EROSION CONTROL  
DESIGNED BY:

#### INDEX OF SHEETS

SHEET NO.	TITLE
1	
W1-W4	WATER PLAN & PROFILE
W5	WATER IMPACT PLAN
W6	WATER MATERIALS & DETAILS
EC1-EC3	EROSION CONTROL PLANS
T1-T4	TRAFFIC CONTROL PLANS

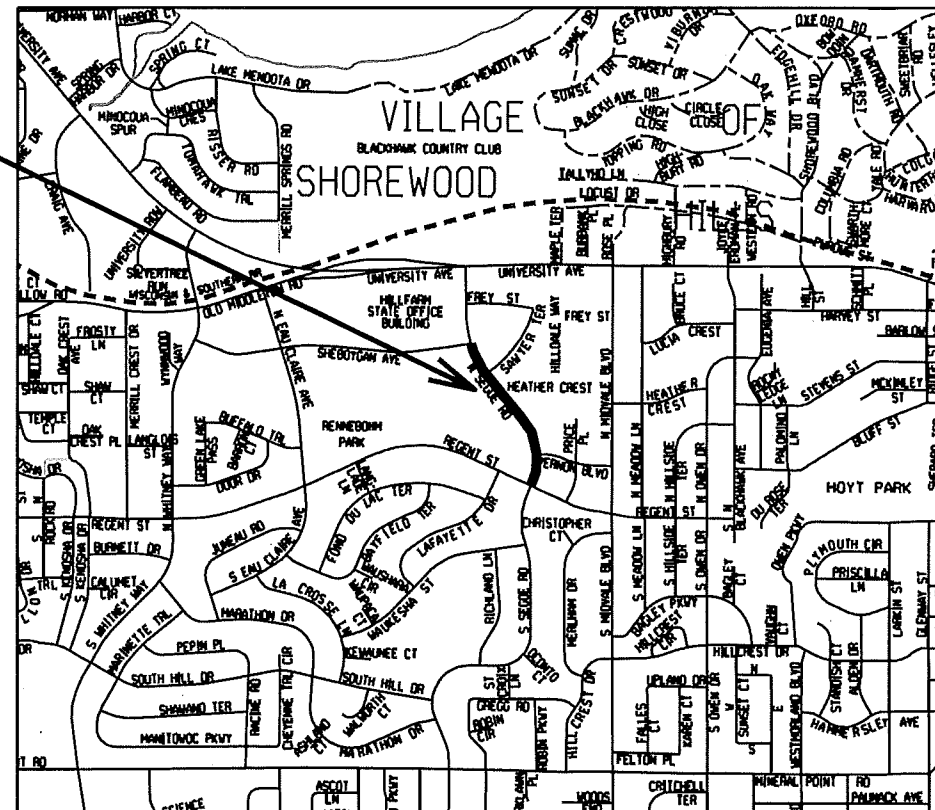
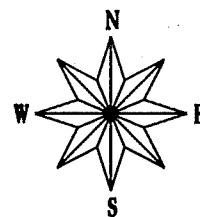
## N. SEGOE ROAD WATER MAIN 2016

CITY PROJECT NO. 11306

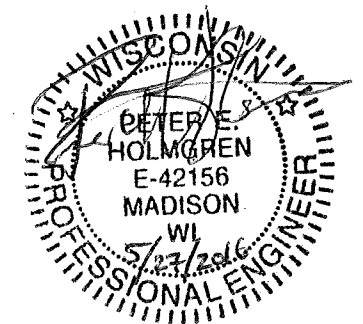
CITY MUNIS NO. 11306

CONTRACT NO. 7666

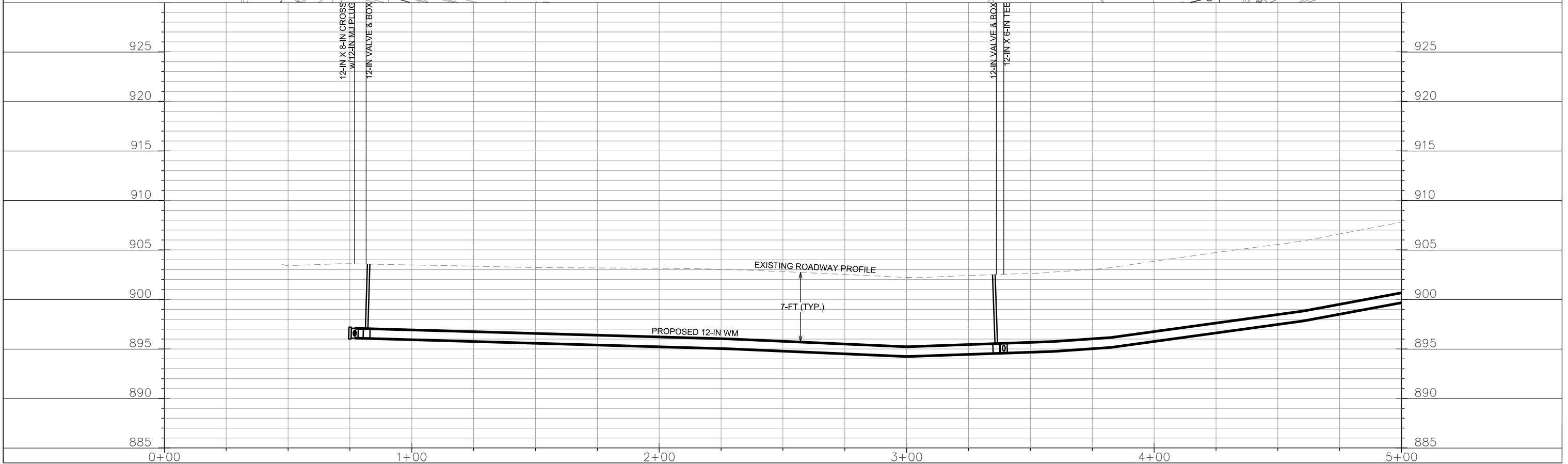
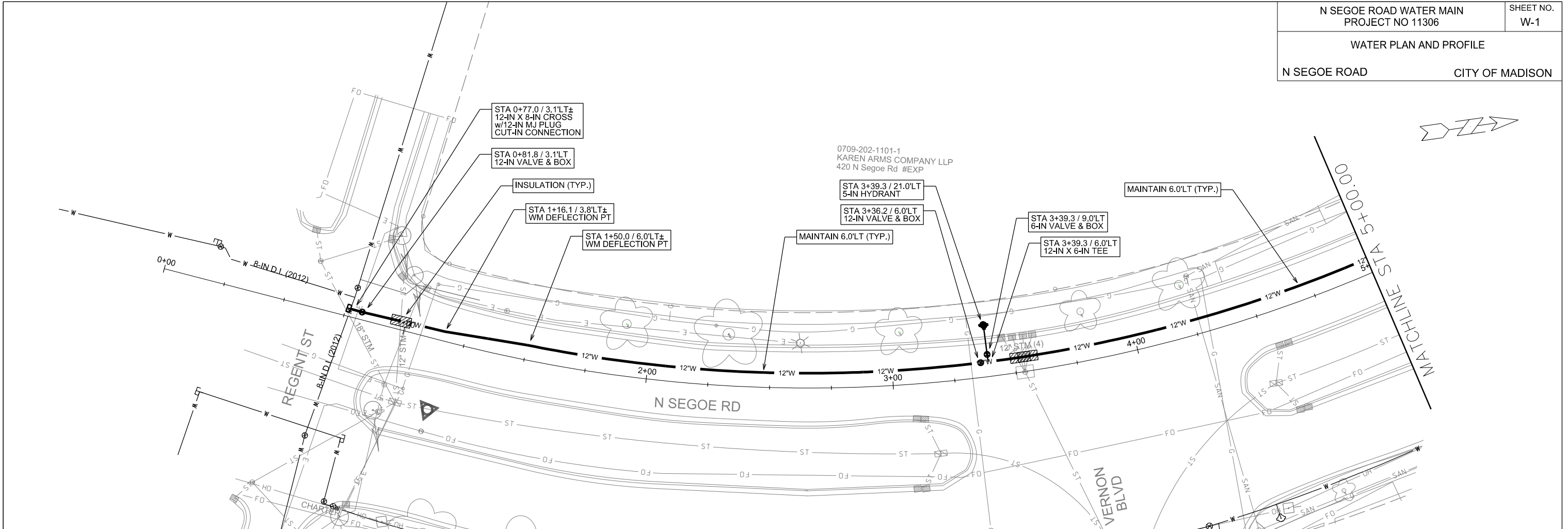
PROJECT  
LOCATION



CONVENTIONAL SIGNS	
FIELD VERIFY ALL UTILITY LOCATIONS	
GAS	— G —
STORM SEWER	— ST —
SANITARY SEWER	— SAN —
WATER	— W —
OVERHEAD ELECTRIC	— OH —
POWER POLE	□



PLOT SCALE: \_\_\_\_\_  
PLOT NAME: \_\_\_\_\_  
REV. DATE: \_\_\_\_\_  
ORIGINATOR: CITY OF MADISON, STREETS DIVISION



PLOT SCALE: \_\_\_\_\_

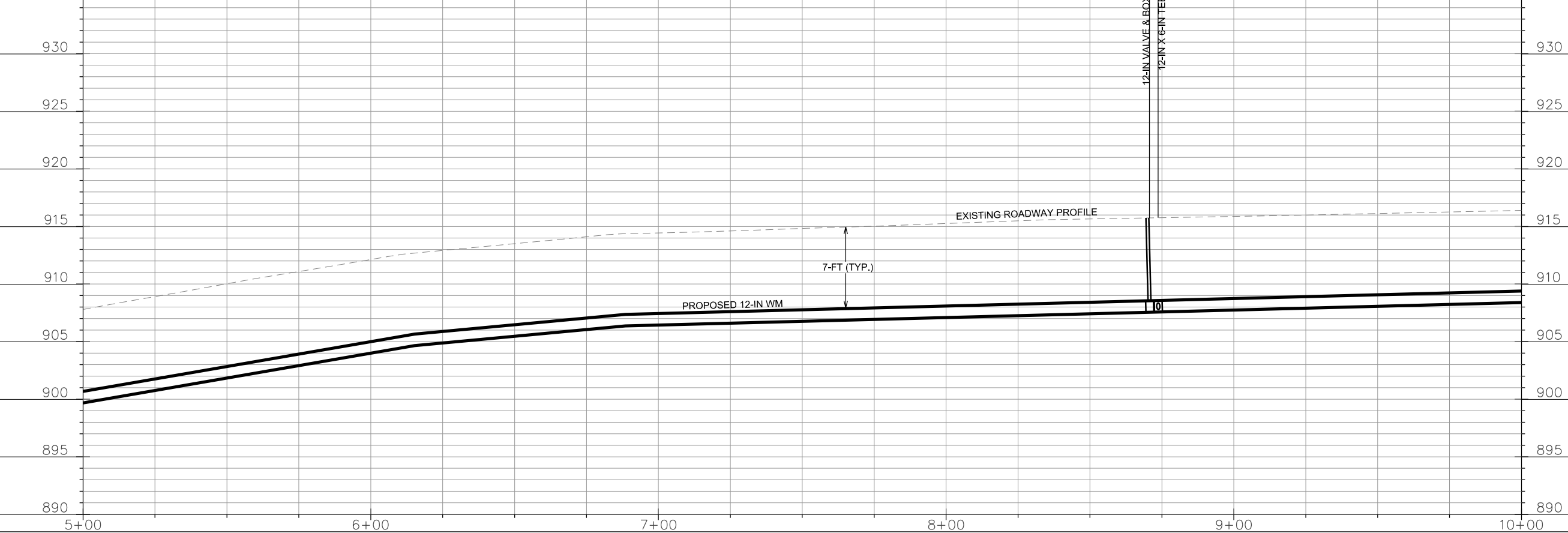
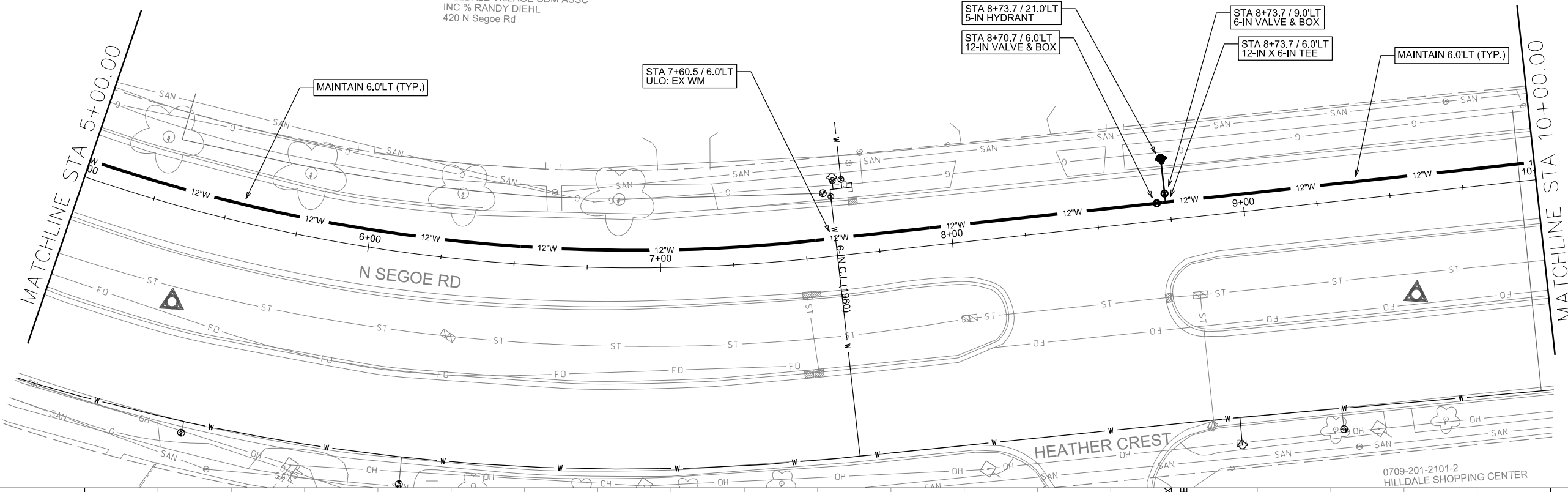
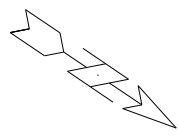
PLOT NAME: \_\_\_\_\_

REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

0709-202-1112-8  
HILDALE VILLAGE CDM ASSC  
INC % RANDY DIEHL  
420 N Segoe Rd

0709-202-1101-1  
KAREN ARMS COMPANY LLP  
420 N Segoe Rd #EXP



PLOT SCALE: \_\_\_\_\_

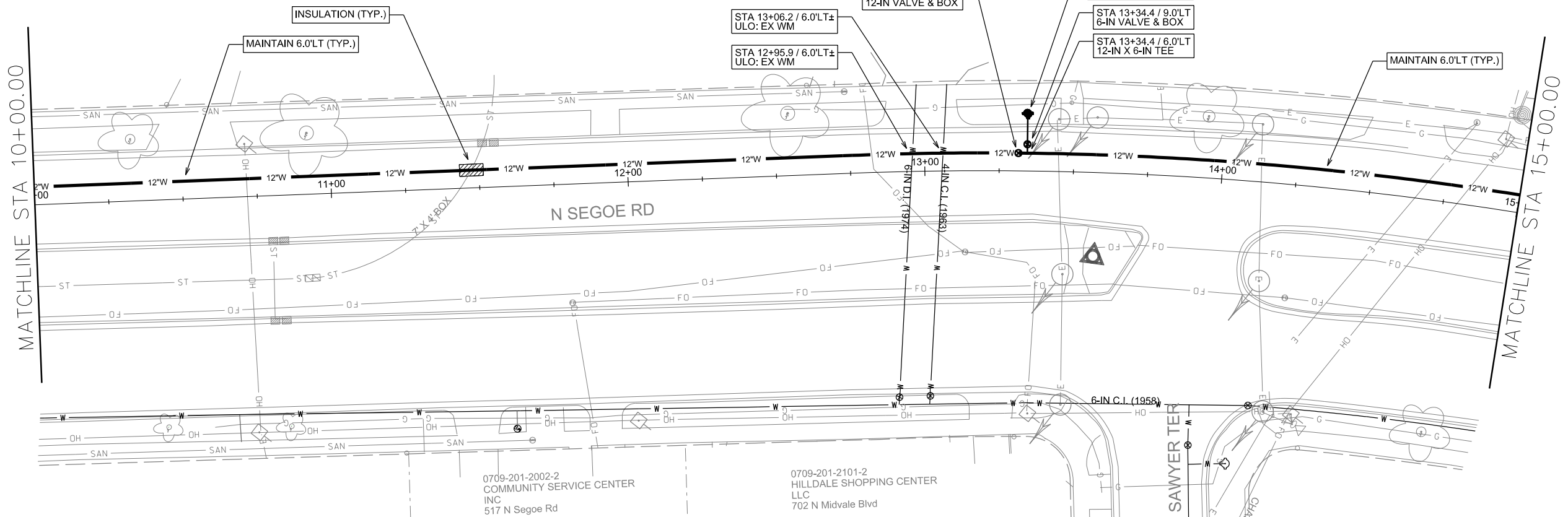
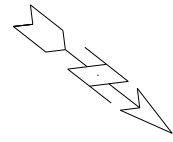
PLOT NAME: \_\_\_\_\_

REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

WATER PLAN AND PROFILE

N SEGOE ROAD CITY OF MADISON



PLOT NAME: \_\_\_\_\_

REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

0709-202-0301-8  
STATE OF WISCONSIN  
BLDNG COMMISSION PAYABLES  
4802 Sheboygan Ave

0709-202-0803-4  
NORMANDY APARTMENTS OF  
MADISON LLC  
4701 Sheboygan Ave

STA 17+22.0 / 57.5'LT±  
SALVAGE PRV

STA 17+17.3 / 6.0'LT±  
12-IN VALVE & BOX

STA 17+20.3 / 6.0'LT±  
12-IN X 6-IN CROSS  
w/12 MJ PLUG  
CUT-IN CONNECTION  
ULO: EX WM

STA 17+20.1 / 3.0'LT±  
6-IN VALVE & BOX  
CUT-IN CONNECTION  
NOTE: NEW BOUNDARY  
VALVE - KEEP CLOSED

12-IN VALVE & BOX  
12-IN X 6-IN CROSS  
w/12-IN MJ PLUG  
CUT-IN CONNECTION

0709-202-0205-2  
VENTURE II PROPERTIES LLC  
619 N Segoe Rd

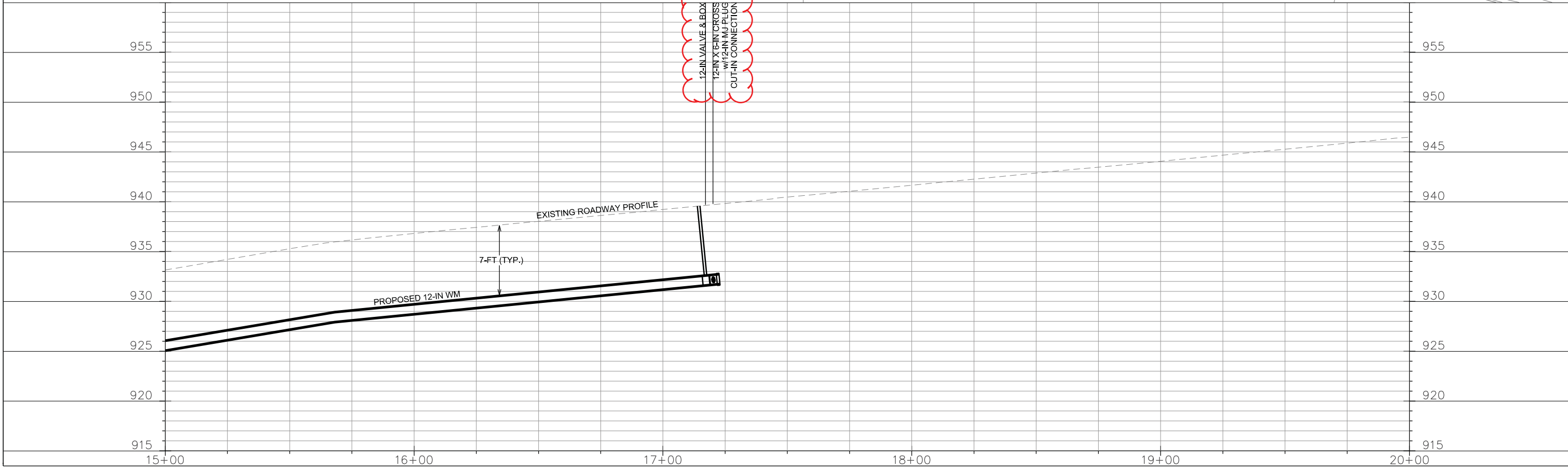
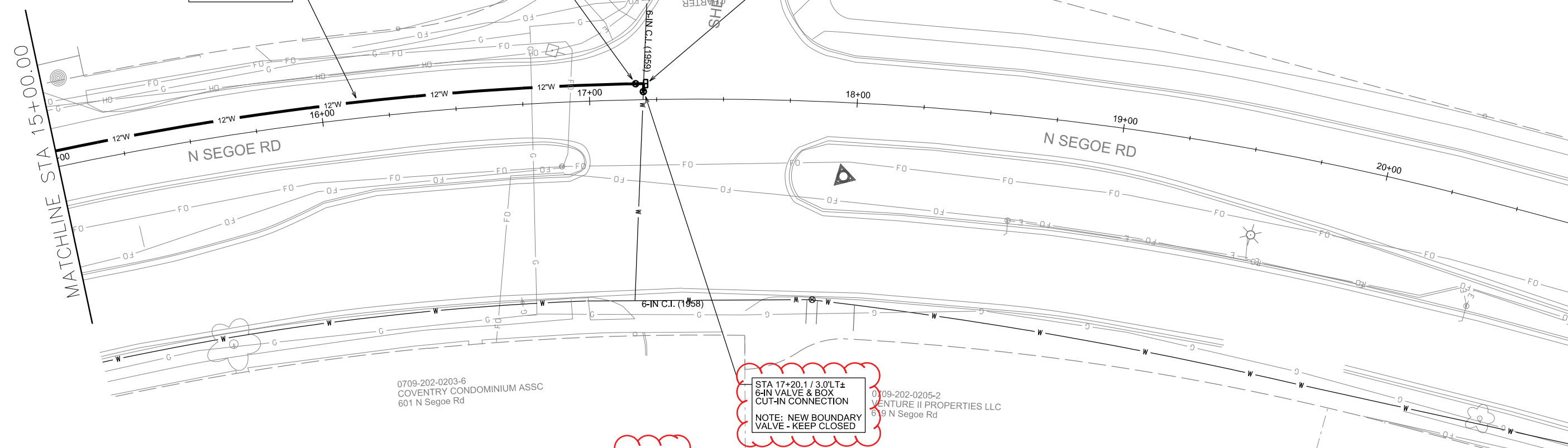
0709-202-0203-6  
COVENTRY CONDOMINIUM ASSC  
601 N Segoe Rd

MAINTAIN 6.0'LT (TYP.)

EXISTING ROADWAY PROFILE

7-FT. (TYP.)

PROPOSED 12-IN WM



PLOT SCALE: \_\_\_\_\_

PLOT NAME: \_\_\_\_\_

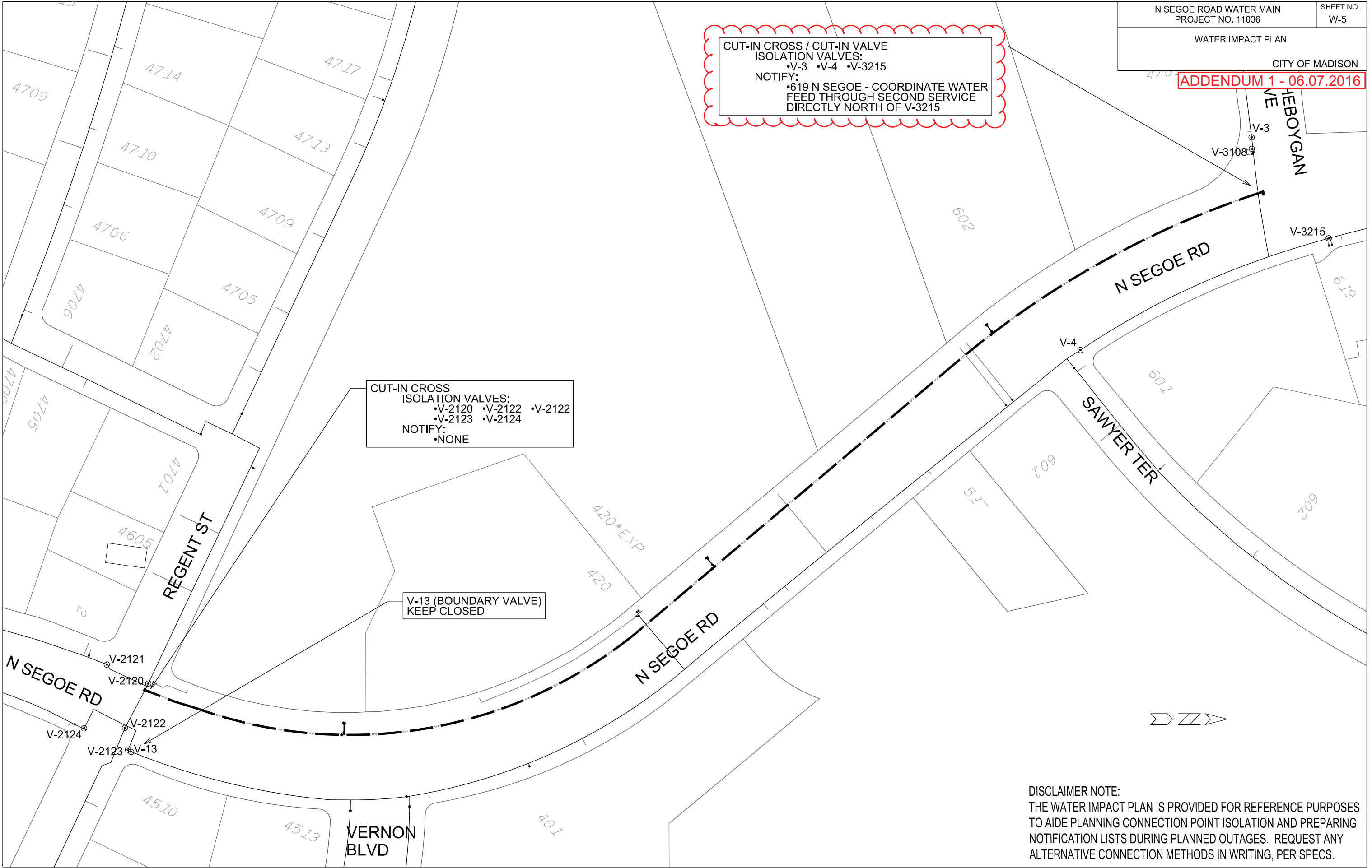
REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

CUT-IN CROSS / CUT-IN VALVE  
ISOLATION VALVES:  
•V-3 •V-4 •V-3215  
NOTIFY:  
•619 N SEGOE - COORDINATE WATER  
FEED THROUGH SECOND SERVICE  
DIRECTLY NORTH OF V-3215

CUT-IN CROSS  
ISOLATION VALVES:  
•V-2120 •V-2122 •V-2122  
•V-2123 •V-2124  
NOTIFY:  
•NONE

V-13 (BOUNDARY VALVE)  
KEEP CLOSED



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

PLOT SCALE: \_\_\_\_\_

PLOT NAME: \_\_\_\_\_

REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

**ADDENDUM 1 - 06.07.2016**

**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. 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.

 INDICATES INSULATION AT STORM SEWER CROSSING

- 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

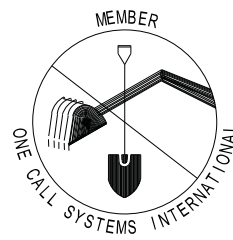
**ESTIMATE OF PROJECT MATERIALS:**

*\* ESTIMATE OF MATERIALS IS FOR INFORMATION ONLY. ENGINEER DOES NOT GUARANTEE ACCURACY OF MATERIAL TAKE-OFF. ALWAYS REFER TO PLANS.*

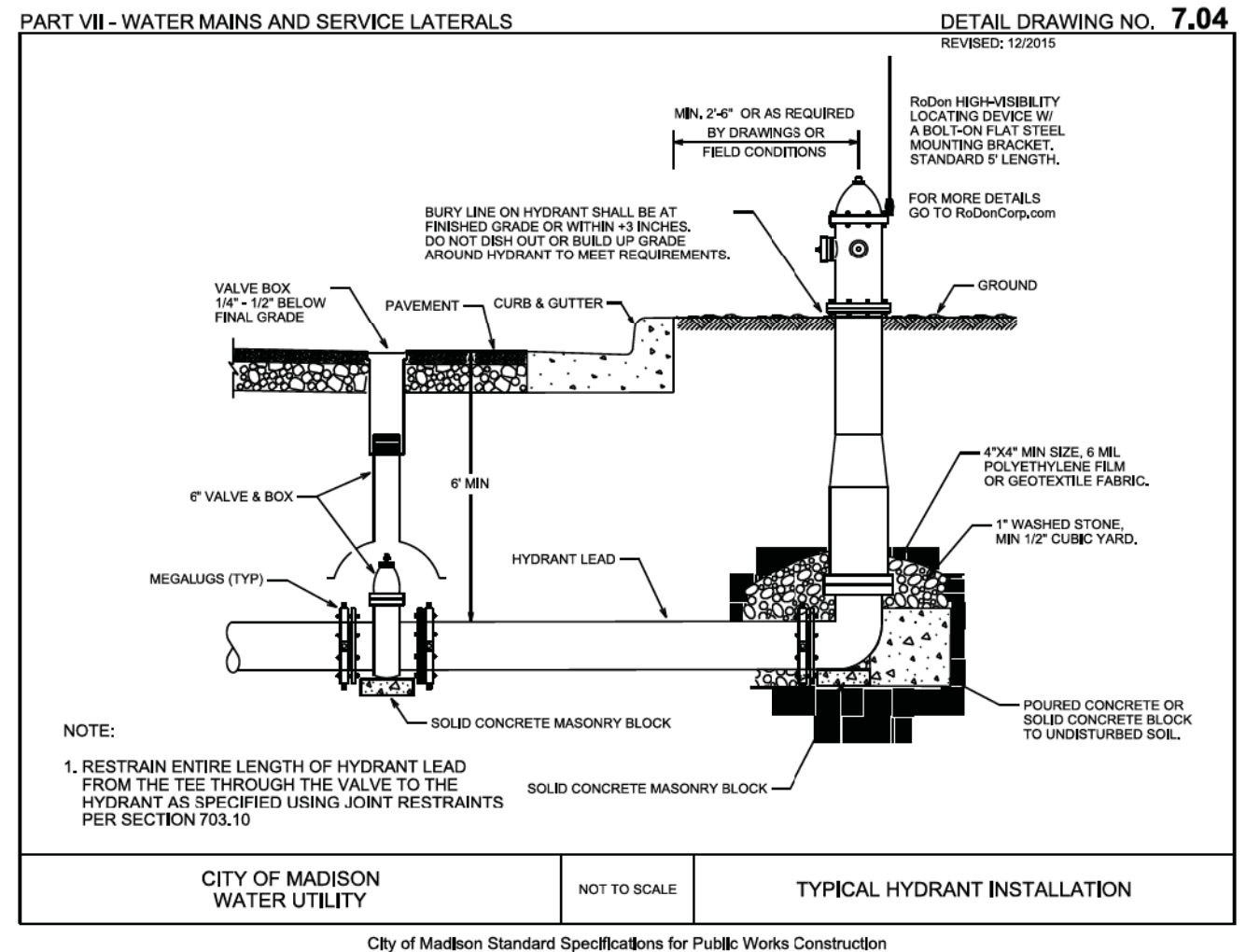
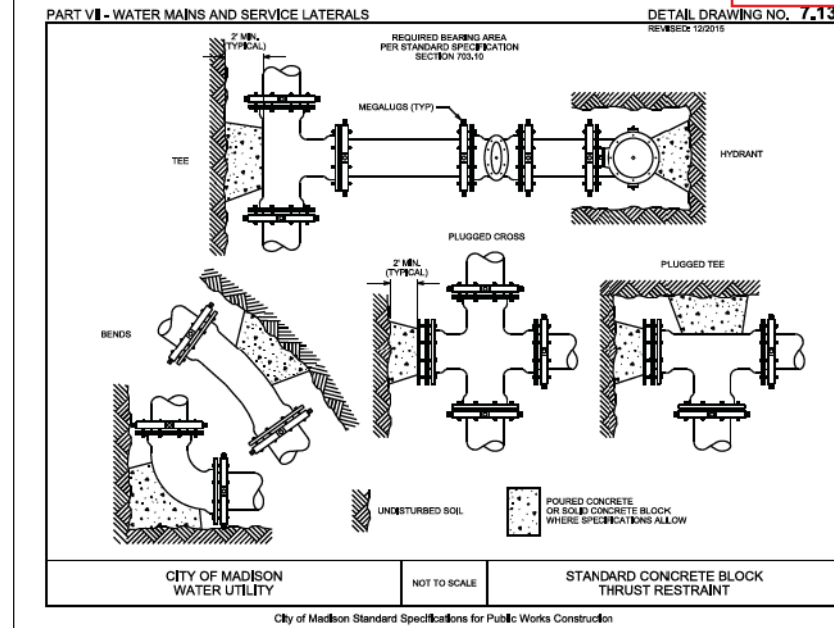
<b>WATER MAIN AND FITTING MATERIALS</b>	
6-IN PIPE (LF)	60
12-IN PIPE (LF)	1640
POLY WRAP (LF)	1900
6-IN VALVES & BOXES	4
12-IN VALVES & BOXES	5
12-IN X 6-IN TEES	3
12-IN X 6-IN CROSSES	1
12-IN X 8-IN CROSSES	1
12-IN MJ PLUGS	2
5-IN HYDRANTS	3
<b>MISC. MATERIALS</b>	
INSULATION (LF)	40

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

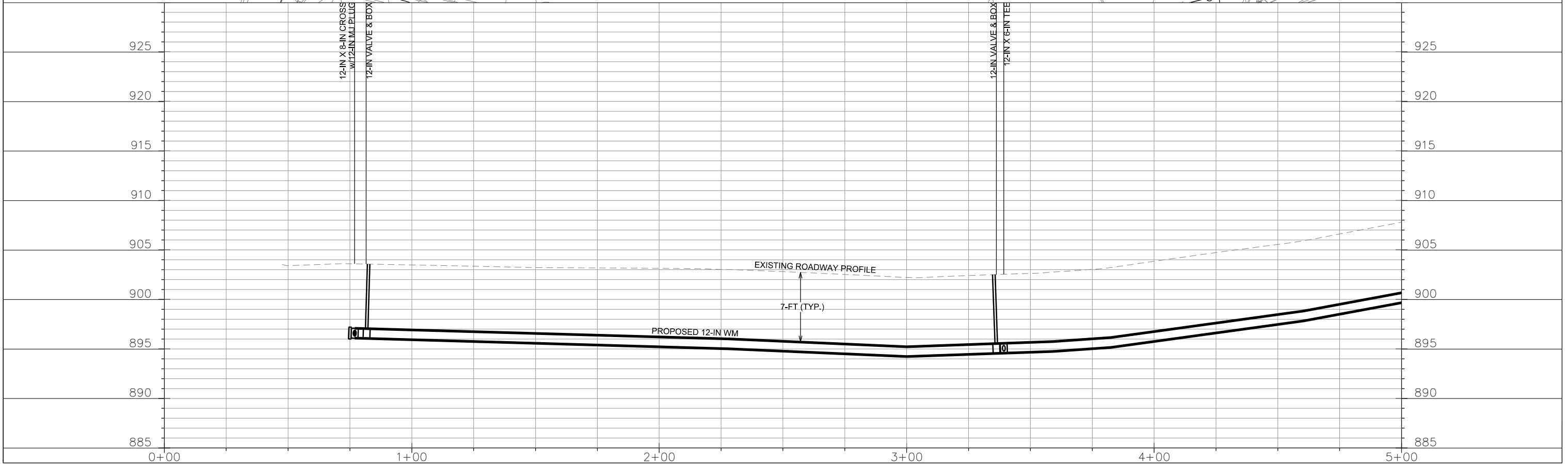
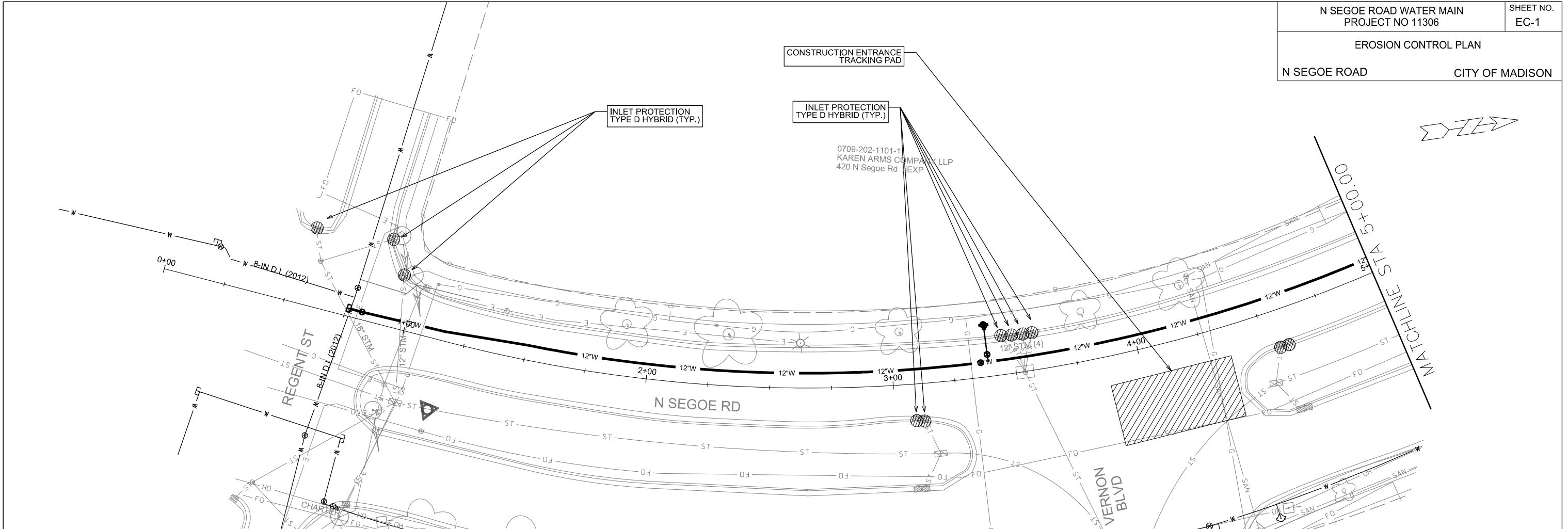
WIS. STATUTE 182.0175 (1974)  
REQUIRES MIN. OF 3 WORK DAYS  
NOTICE BEFORE YOU EXCAVATE.



**DISCLAIMER NOTE:**  
UTILITY LOCATIONS SHOWN ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND AND OVERHEAD UTILITIES PRIOR TO COMMENCING WORK.



PLOT SCALE: \_\_\_\_\_ PLOT NAME: \_\_\_\_\_ REV. DATE: \_\_\_\_\_ ORIGINATOR: CITY OF MADISON, STREETS DIVISION



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EROSION CONTROL PLAN

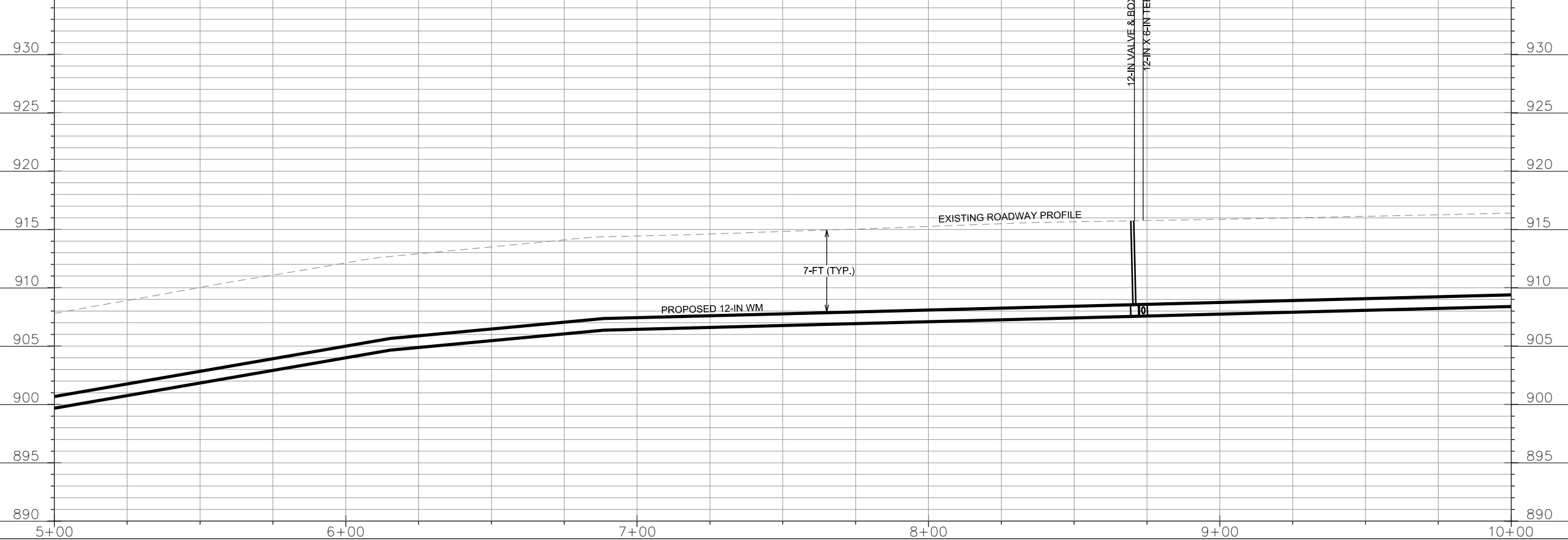
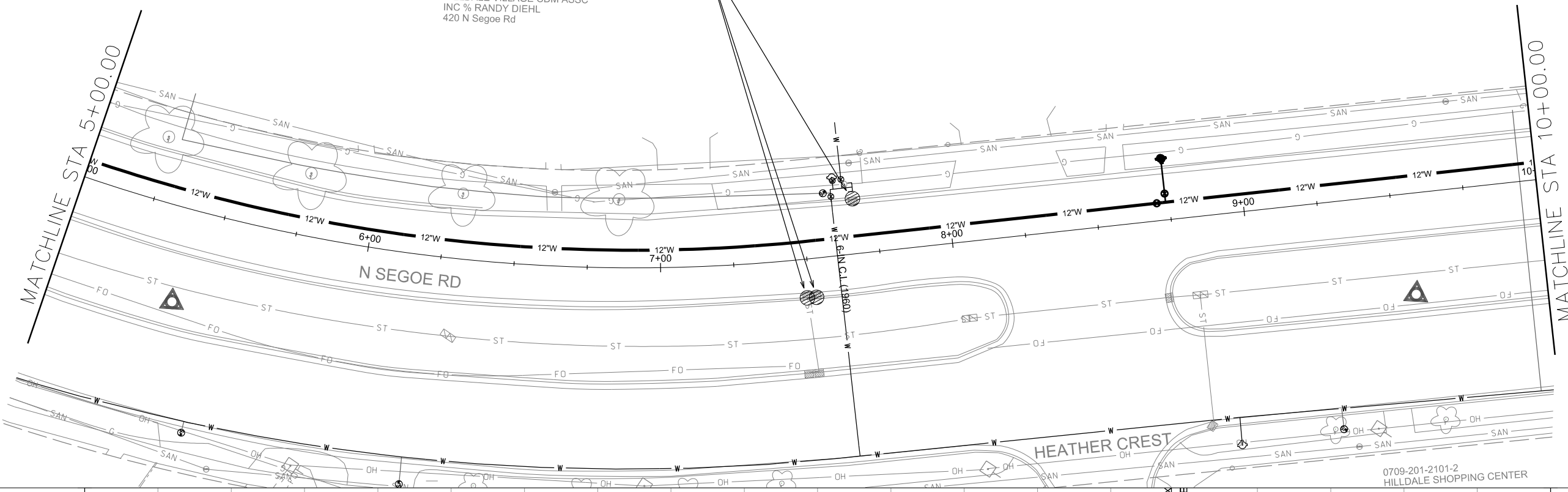
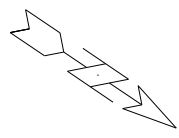
N SEGOE ROAD

CITY OF MADISON

0709-202-1101-1  
KAREN ARMS COMPANY LLP  
420 N Segoe Rd #EXP

0709-202-1112-8  
HILDALE VILLAGE CDM ASSC  
INC % RANDY DIEHL  
420 N Segoe Rd

INLET PROTECTION  
TYPE D HYBRID (TYP.)



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EROSION CONTROL PLAN

N SEGOE ROAD

CITY OF MADISON

