

Madison, Wisconsin

CITY OF MADISON

MADISON WATER UTILITY

DEPARTMENT OF PUBLIC WORKS

PLAN OF PROPOSED IMPROVEMENT

NORTH AVE WATER MAIN EXTENSION

S PARK STREET TO WEST END

CITY PROJECT NO. 10435 MUNIS NO. 10435-86-130
CITY CONTRACT NO. 7537

PUBLIC IMPROVEMENT PROJECT APPROVED

JUNE 16, 2015

BY THE COMMON COUNCIL OF MADISON, WISCONSIN

PUBLIC IMPROVEMENT DESIGN APPROVED BY:

Alan Larsen 6/24/15
Principal Engineer-Water Date

WATER DESIGNED BY:

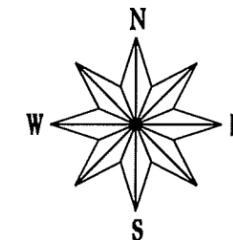
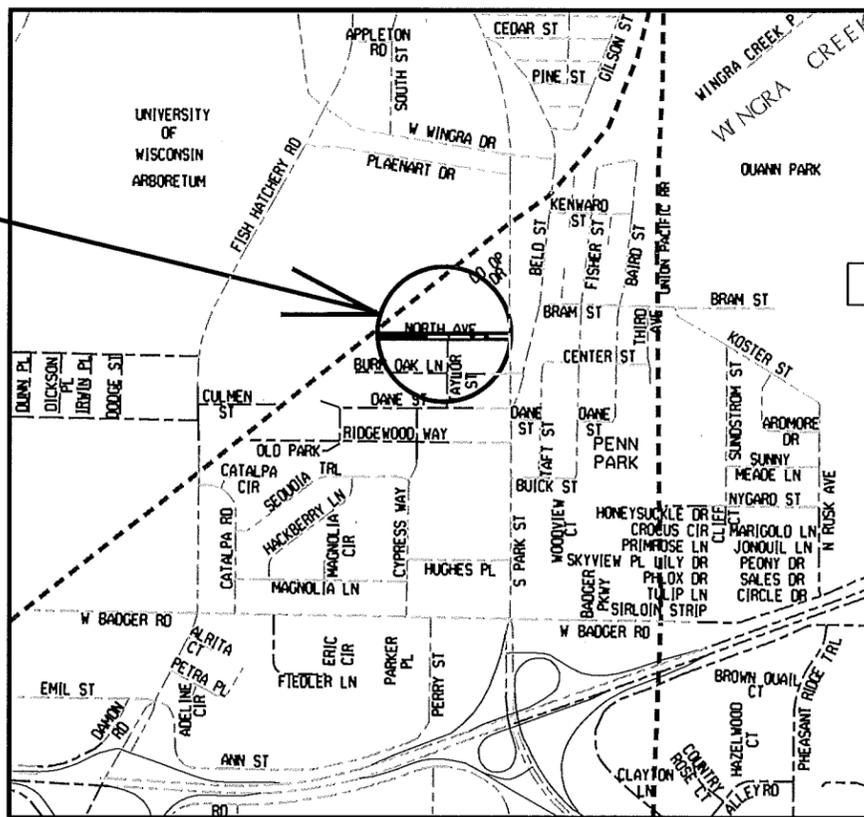
WISCONSIN PROFESSIONAL ENGINEER
ADAM R. WIEDERHOEFT
E-41559
MADISON WI
Adam Wiederhoeft
6-26-2015

INDEX OF SHEETS

SHEET NO.	TITLE
1	OVERALL SITE PLAN
W1	WATER PLAN & PROFILES
W2-W3	WATER SYSTEM IMPACT PLAN
W4	WATER ESTIMATE OF MATERIALS & DETAILS
W5	



Madison Water Utility
CONSTRUCTION PROJECT LOCATION



CONVENTIONAL SIGNS

FIELD VERIFY ALL UTILITY LOCATIONS

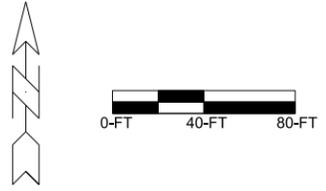
GAS	— G —
STORM SEWER	— ST —
SANITARY SEWER	— SAN —
WATER	— W —
OVERHEAD ELECTRIC	— OH —
POWER POLE	⊕
ADA COMPLIANT RAMP W/ DETECTABLE WARNING FIELD	[Grid Symbol]
COMBUSTIBLE FLUIDS	[Starburst Symbol]

PLOT SCALE:

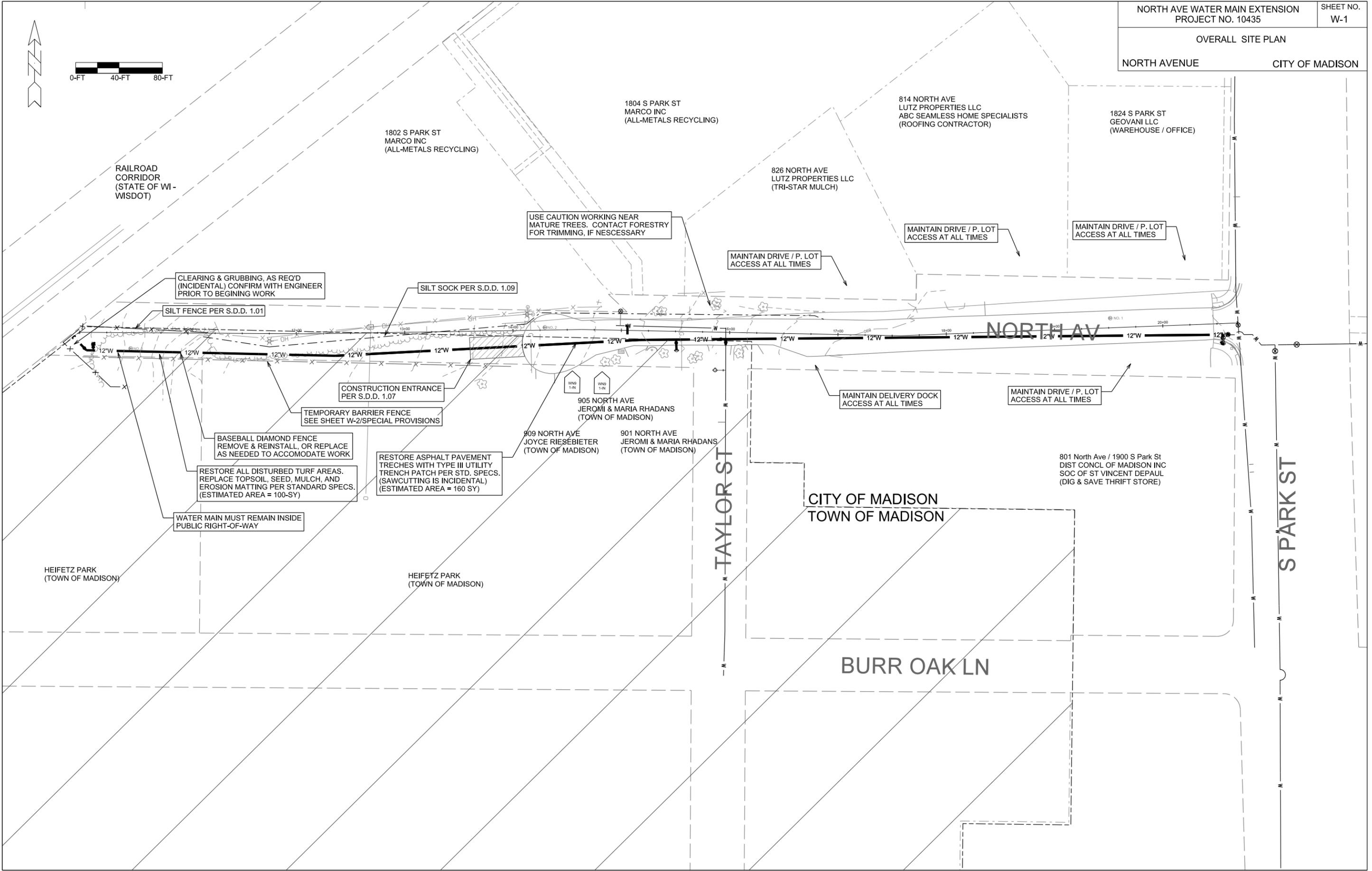
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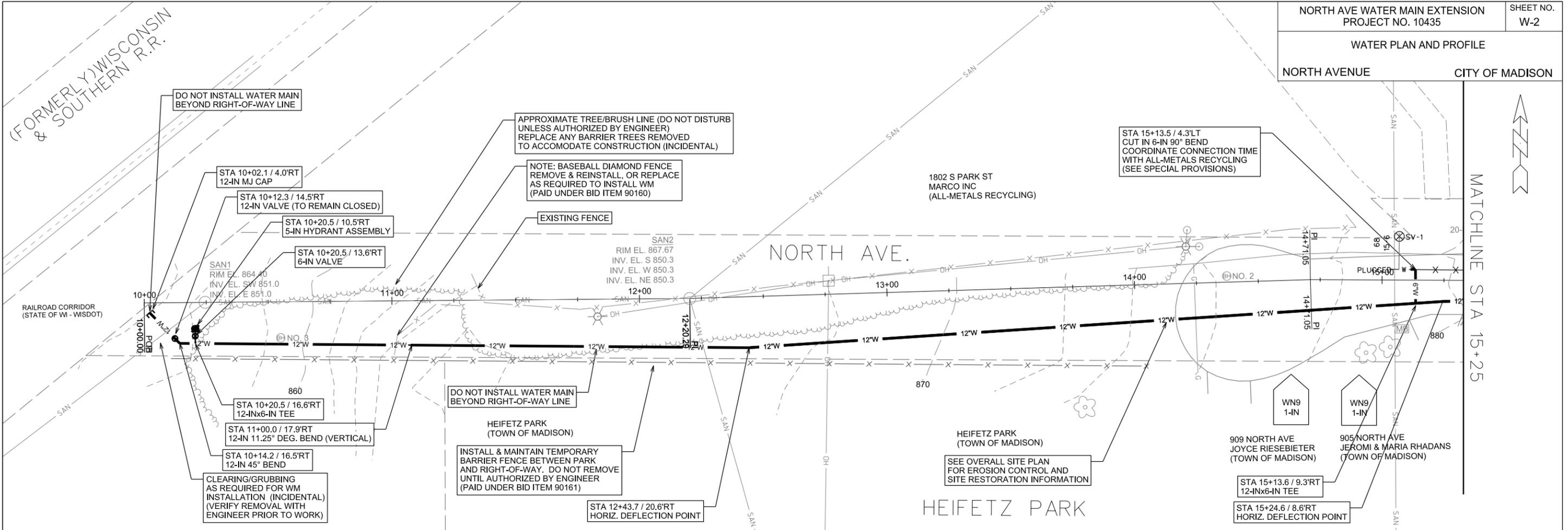
REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



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







RAILROAD
CORRIDOR
(STATE OF WI -
WISDOT)

WISCONSIN & SOUTHERN R.R.

1802
1802 S PARK ST
MARCO INC
(ALL-METALS RECYCLING)

1804
1804 S PARK ST
MARCO INC
(ALL-METALS RECYCLING)

826
826 NORTH AVE
LUTZ PROPERTIES LLC
(TRI-STAR MULCH)

814
814 NORTH AVE
LUTZ PROPERTIES LLC
ABC SEAMLESS HOME SPECIALISTS
(ROOFING CONTRACTOR)

1824
1824 S PARK ST
GEOVANI LLC
(WAREHOUSE / OFFICE)

ISOLATION VALVES FOR
S PARK ST CONNECTION

*** DO NOT PROCEED WITH CONNECTION
UNLESS AUTHORIZED BY ENGINEER.
NOTIFY AT LEAST 2 WORKING DAYS AHEAD
CONNECTION WILL IMPACT OPERATION OF
UNIT WELL FACILITY AT 1925 S PARK ST.

NORTH AVE CONTACT INFORMATION:

All Metals Recycling
1802 S. Park St.
Phone: (608) 255-0960
Monday - Friday: 7 am - 4 pm
Saturday: 8 am - 11:30 am

St. Vincent de Paul Dig & Save Thrift Store
1900 S. Park St.
608.250.6370
Open 7 days a week, 10:00 to 5:00
bbusiness offices:
2033 Fish Hatchery Rd
Madison, WI 53725
(608) 442-7200 X 403
For Executive Director call: 442-7200 x404
For Stores General Manager call: 278-2920 x305

Tri-Star Mulch
826 N. Avenue
Madison, WI 53713
Phone: (608)251-1659

ABC Seamless Home Specialists
814 North Avenue
608.250.4950

TOBY's Tax & Services
1824 S Park St
(608) 234-4141
9:00 am 7:00 pm

Town of Madison
2120 Fish Hatchery Rd.
Business Office 608-210-7260
Public Works 608-210-7264
Monday-Friday, 8:00 a.m. to 4:30 p.m.

HEIFETZ PARK

ISOLATION VALVES FOR
TAYLOR ST CONNECTION
AND ALL-METALS SERVICE
CONNECTION.

COORDINATE CONNECTION SCHEDULE
WITH ALL-METALS RECYCLING AT LEAST
1-WEEK AHEAD OF ANTICIPATED WORK.
NOTIFY:
ALL-METALS RECYCLING AND 901/905 NORTH AVE.
(909 NORTH AVE IS SERVED FROM BURR OAK LN)

905 NORTH AVE
JEROMI & MARIA RHADANS
(TOWN OF MADISON)
909 NORTH AVE 901 NORTH AVE
JOYCE RIESEBIETER JEROMI & MARIA RHADANS
(TOWN OF MADISON) (TOWN OF MADISON)

801
801 North Ave / 1900 S Park St
DIST CONCL OF MADISON INC
SOC OF ST VINCENT DEPAUL
(DIG & SAVE THRIFT STORE)

MADISON WATER UTILITY
UNIT WELL NO. 18
24/7 PUMP OPERATOR: 266-4667

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

CONSTRUCTION NOTES:

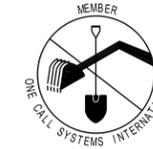
1. CONSTRUCT NEW WATER MAIN 6.0' BELOW FINISHED GRADE, UNLESS OTHERWISE NOTED. INSULATE MAIN WITH POLYSTYRENE BOARD AT UTILITY CROSSINGS OR OTHER AREAS IDENTIFIED BY ENGINEER AS HAVING INADEQUATE COVER.
2. VERIFY SIZE OF EXISTING WATER SERVICES AND RECONNECT SERVICES AS INDICATED.
3. MINIMIZE DISRUPTION 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.

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.

- 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

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.



ESTIMATE OF MATERIALS SUPPLIED BY CONTRACTOR:

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

- 45-FT - 6-IN PIPE
- 1,080-FT - 12-IN PIPE
- 1,250-FT - POLYWRAP
- 4 - 6-IN VALVE & BOX
- 3 - 12-IN VALVE & BOX
- 1 - 6-IN 90° BEND
- 1 - 12-IN 11.25° BEND
- 1 - 12-IN 45° BEND
- 1 - 6-IN MJ CAP
- 1 - 12-IN MJ CAP
- 5 - 12-INx6-IN TEE
- 3 - 5-IN HYDRANT
- 2-IN STYROFOAM INSULATION (AS REQUIRED)
- COPPER SERVICE TUBING/COUPLINGS (AS REQUIRED)
- HYDRANT OR VALVE BOX RISERS/EXTENSIONS (AS REQUIRED)

ESTIMATE OF MATERIALS SUPPLIED BY CITY:

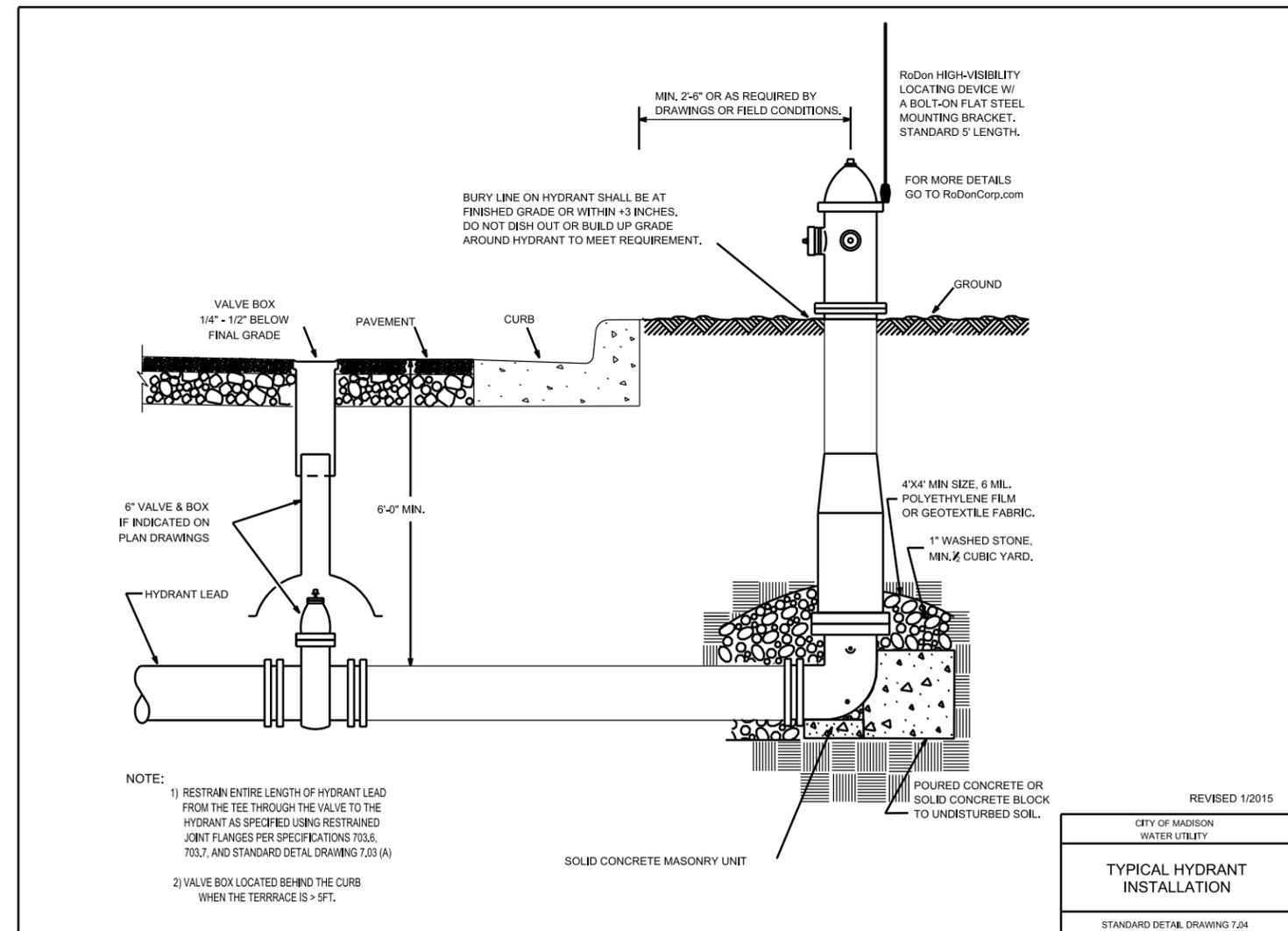
* ESTIMATE OF MATERIALS IS FOR INFORMATION ONLY. ENGINEER DOES NOT GUARANTEE ACCURACY OF MATERIAL TAKE-OFF.

NONE

ESTIMATE OF MATERIALS SALVAGED:

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

- 1 - 12-IN VALVE
- 2 - HYDRANTS



REVISED 1/2015

CITY OF MADISON
WATER UTILITY

TYPICAL HYDRANT
INSTALLATION

STANDARD DETAIL DRAWING 7.04

PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

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