



Madison, Wisconsin

# CITY OF MADISON

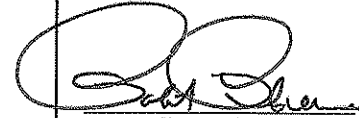
## CITY ENGINEERING DIVISION

### DEPARTMENT OF PUBLIC WORKS

# PLAN OF PROPOSED IMPROVEMENT

PUBLIC IMPROVEMENT PROJECT APPROVED  
APRIL 13TH, 2010  
BY THE COMMON COUNCIL  
OF MADISON, WISCONSIN

PUBLIC IMPROVEMENT DESIGN  
APPROVED BY:

  
City Engineer 6/30/10  
Date

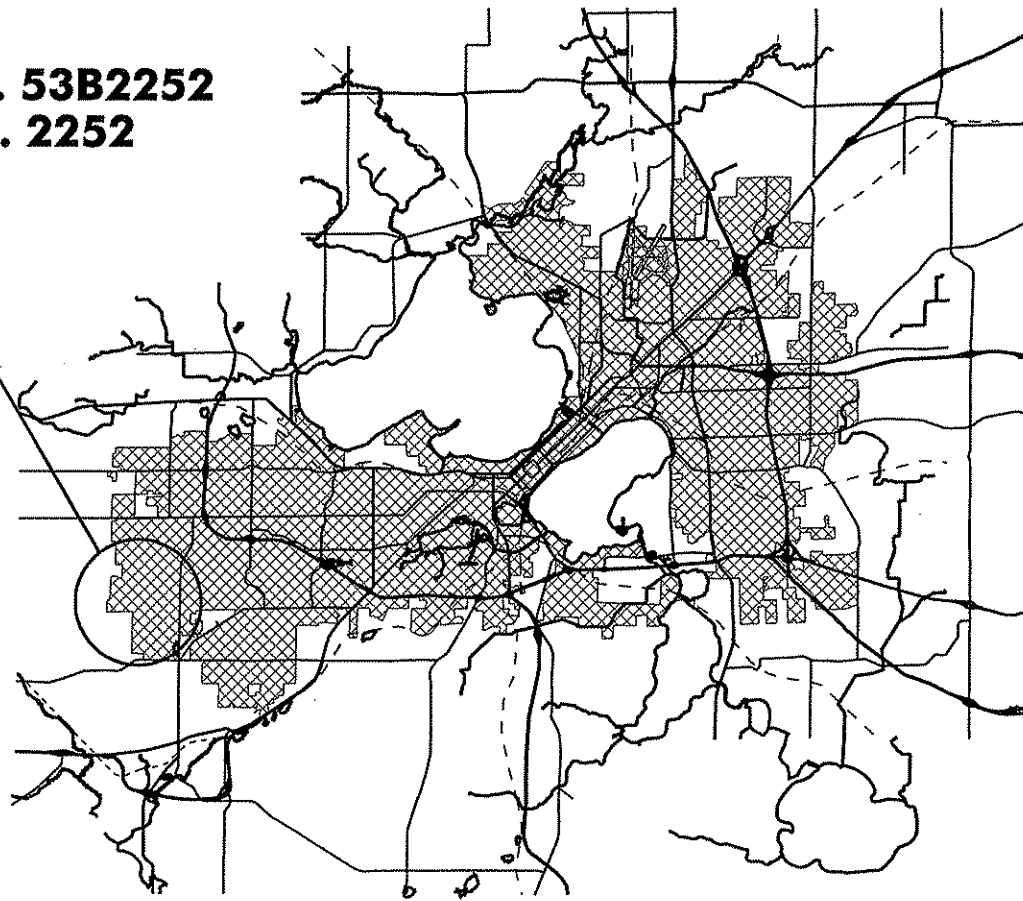
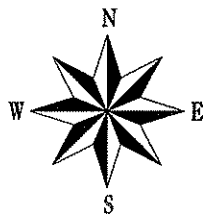
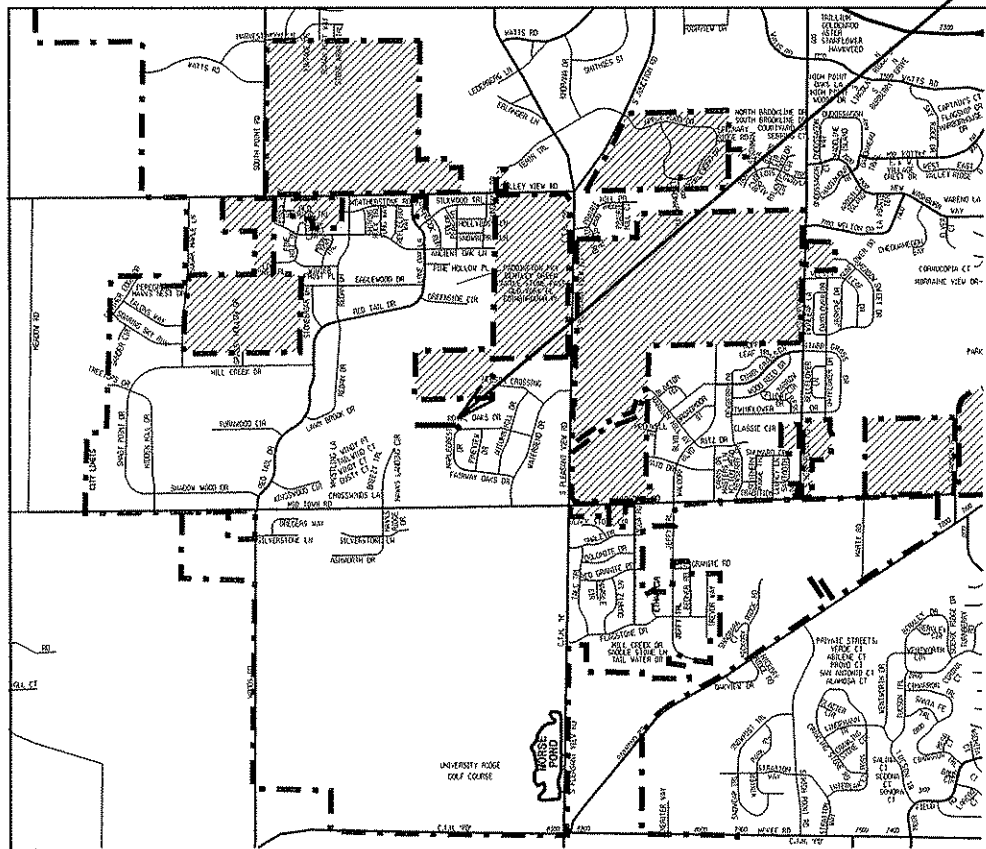
#### INDEX OF SHEETS - UTILITIES

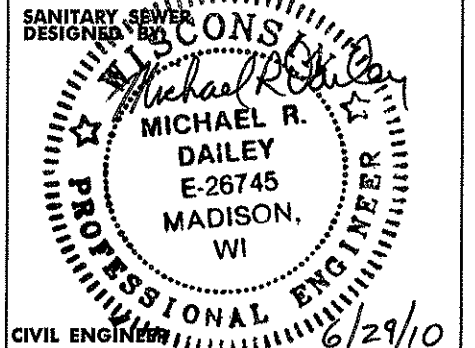
|                 |                      |
|-----------------|----------------------|
| SHEET NO. 1     | TITLE SHEET          |
| SHEET NO. P1-P2 | ROYAL OAK CIRCLE     |
| SHEET NO. P3    | OPUS LN              |
| SHEET NO. P4    | WATER MATERIALS LIST |

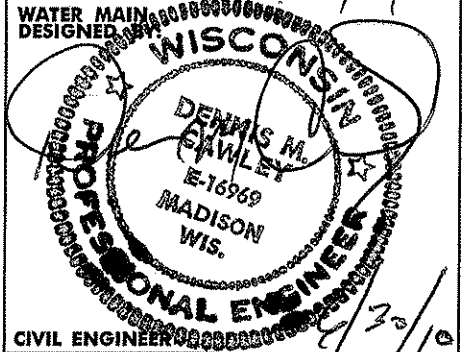
## 1802 MAPLECREST PUD- PHASE 2

CITY PROJECT NO. 53B2252  
CONTRACT NO. 2252

PROJECT  
LOCATION

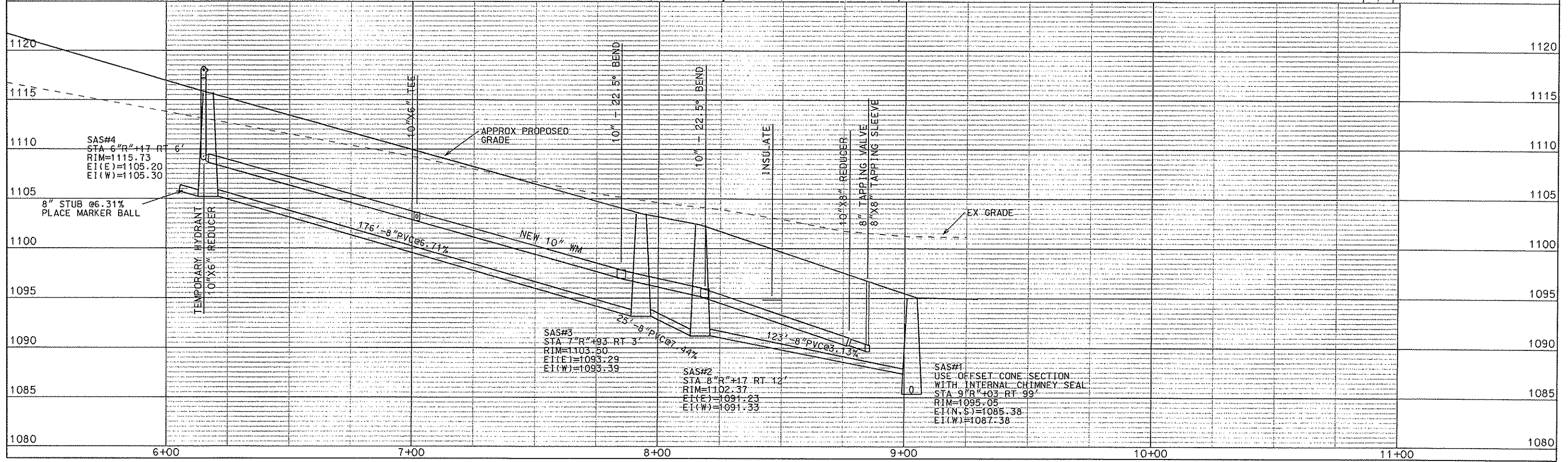
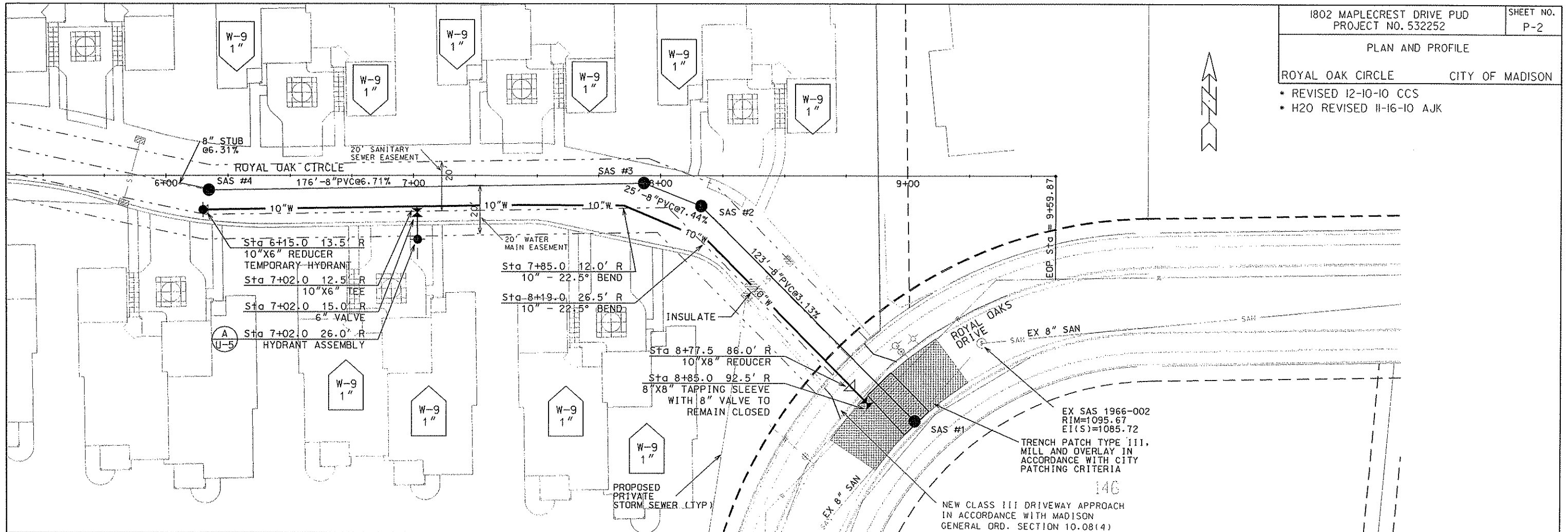


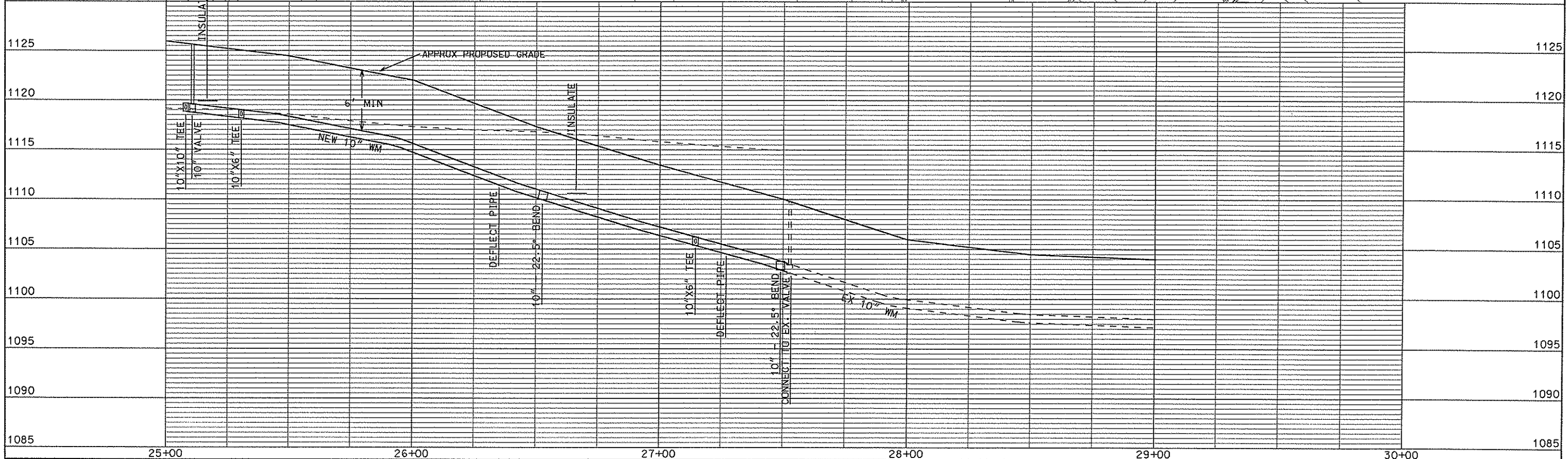
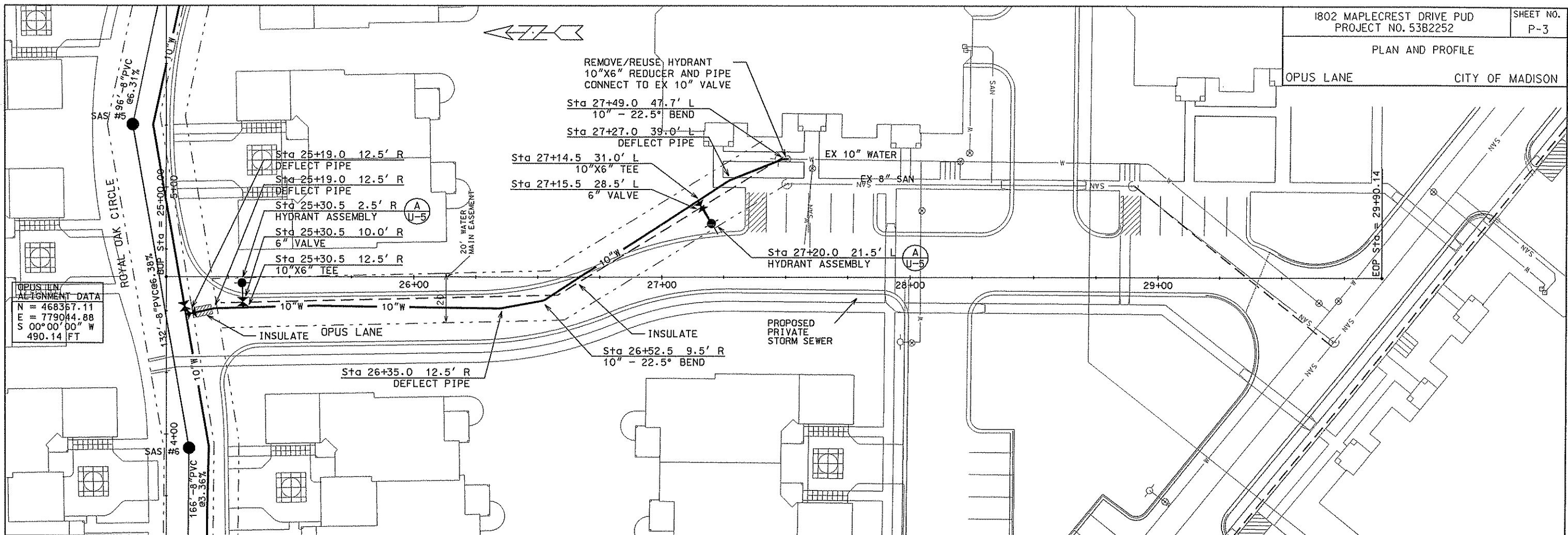
SANITARY SEWER  
DESIGNED BY  
  
MICHAEL R.  
DAILEY  
E-26745  
MADISON,  
WI  
CIVIL ENGINEER 6/29/10

WATER MAIN  
DESIGNED BY  
  
DENNIS M.  
CAWLEY  
E-16969  
MADISON  
WIS.  
CIVIL ENGINEER 6/30/10



PLAN AND PROFILE  
ROYAL OAK CIRCLE CITY OF MADISON  
• REVISED 12-10-10 CCS  
• H2O REVISED 11-16-10 AJK





ORIGINATOR: CIVIL-OF-MADISON-SIREETS-DIVISION

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

**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.
- W-1 REPLACE THE EXISTING LEAD SERVICE WITH A COPPER SERVICE.
  - W-2 EXTEND AND RECONNECT THE EXISTING COPPER SERVICE TO THE NEW WATER MAIN.
  - W-3 EXISTING SERVICE TO BE ABANDONED WHEN THE WATER MAIN IS CUT OFF.
  - W-4 DISCONNECT FROM THE OLD WATER MAIN AND RECONNECT THE EXISTING COPPER WATER SERVICE LATERAL TO THE NEW WATER MAIN.
  - W-5 RELOCATE THE EXISTING FIRE HYDRANT.
  - W-6 ABANDON WATER VALVE ACCESS STRUCTURE.
  - W-7 FURNISH AND INSTALL THE NEW TOP SECTION FOR THE WATER ACCESS STRUCTURE.
  - W-8 ABANDON THE VALVE BOX.
  - W-9 FURNISH THE DITCH, COMPACTION, AND ALL MATERIALS AND LABOR FOR THE INSTALLATION OF NEW SERVICE LATERAL.

**ESTIMATE OF MATERIALS SUPPLIED BY CONTRACTOR:**

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

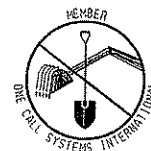
- |                        |                               |
|------------------------|-------------------------------|
| 54' - 6" PIPE          | 5 - 10" - 22.5° BEND          |
| 18' - 8" PIPE          | 1 - 10"X8" REDUCER            |
| 1080' - 10" PIPE       | 40' - 2" STYROFOAM INSULATION |
| 1280' - POLYWRAP       | 1" COPPER TUBING (AS REQ'D)   |
| 4 - 5" HYDRANT         |                               |
| 4 - 6" VALVES AND BOX  |                               |
| 2 - 10" VALVES AND BOX |                               |
| 4 - 10"X6" TEE         |                               |
| 1 - 10"X10" TEE        |                               |

**MATERIALS SUPPLIED BY CITY:**

- 1 - 8"X8" TAPPING SLEEVE
- 1 - 8" TAPPING VALVE AND BOX
- 10 - ELECTRONIC WATER MARKER

**SALVAGED/REUSED MATERIALS:**

- 1 - 5" HYDRANT
- 1 - 10"X6" REDUCER



TO OBTAIN LOCATION OF PARTICIPANTS' UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN

**CALL DIGGERS HOTLINE 811**  
or 1-800-242-8511  
TOLL FREE

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.

