

Madison, Wisconsin

CITY OF MADISON

CITY ENGINEERING DIVISION

DEPARTMENT OF PUBLIC WORKS

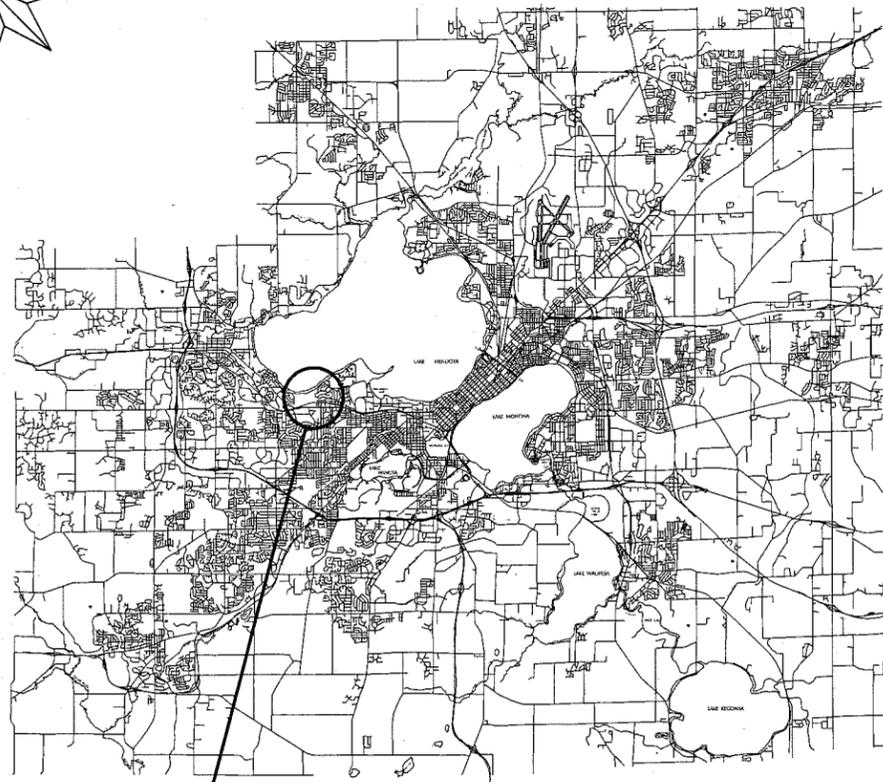
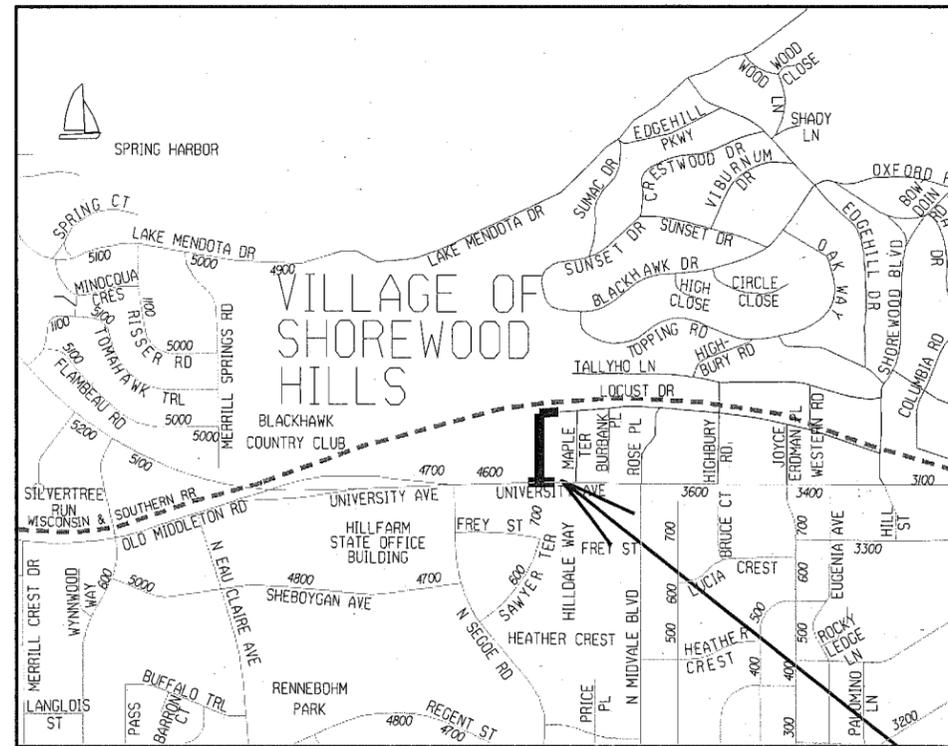
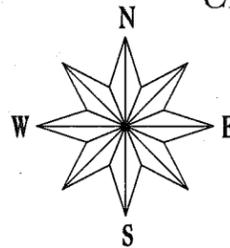
PLAN OF PROPOSED IMPROVEMENT

INDEX OF SHEETS

| SHEET NO. | TITLE |
|-----------|-------------------------------|
| 1 | |
| C3.0 | UTILITY PLAN |
| C4.4 | SITE DETAILS |
| C5.0-C5.1 | WATER MAIN PLAN & PROFILE |
| C5.2 | SANITARY SEWER PLAN & PROFILE |
| C6.0-C6.1 | TRAFFIC CONTROL PLAN |

4610 UNIVERSITY AVENUE – PYARE SQUARE PHASE II

CITY PROJECT NO. 11401
CITY CONTRACT NO. 7732
MUNIS NO. 11401



*PROJECT
LOCATION*

PUBLIC IMPROVEMENT PROJECT
APPROVED

MAY 3, 2016

BY THE COMMON COUNCIL
OF MADISON, WISCONSIN

PUBLIC IMPROVEMENT DESIGN
APPROVED BY:

City Engineer

6/10/16

Date

WATER
DESIGNED BY:

SEE INDIVIDUAL SHEETS

STORM AND SANITARY SEWER
DESIGNED BY:

SEE INDIVIDUAL SHEETS

STREET & TRAFFIC CONTROL
DESIGNED BY:

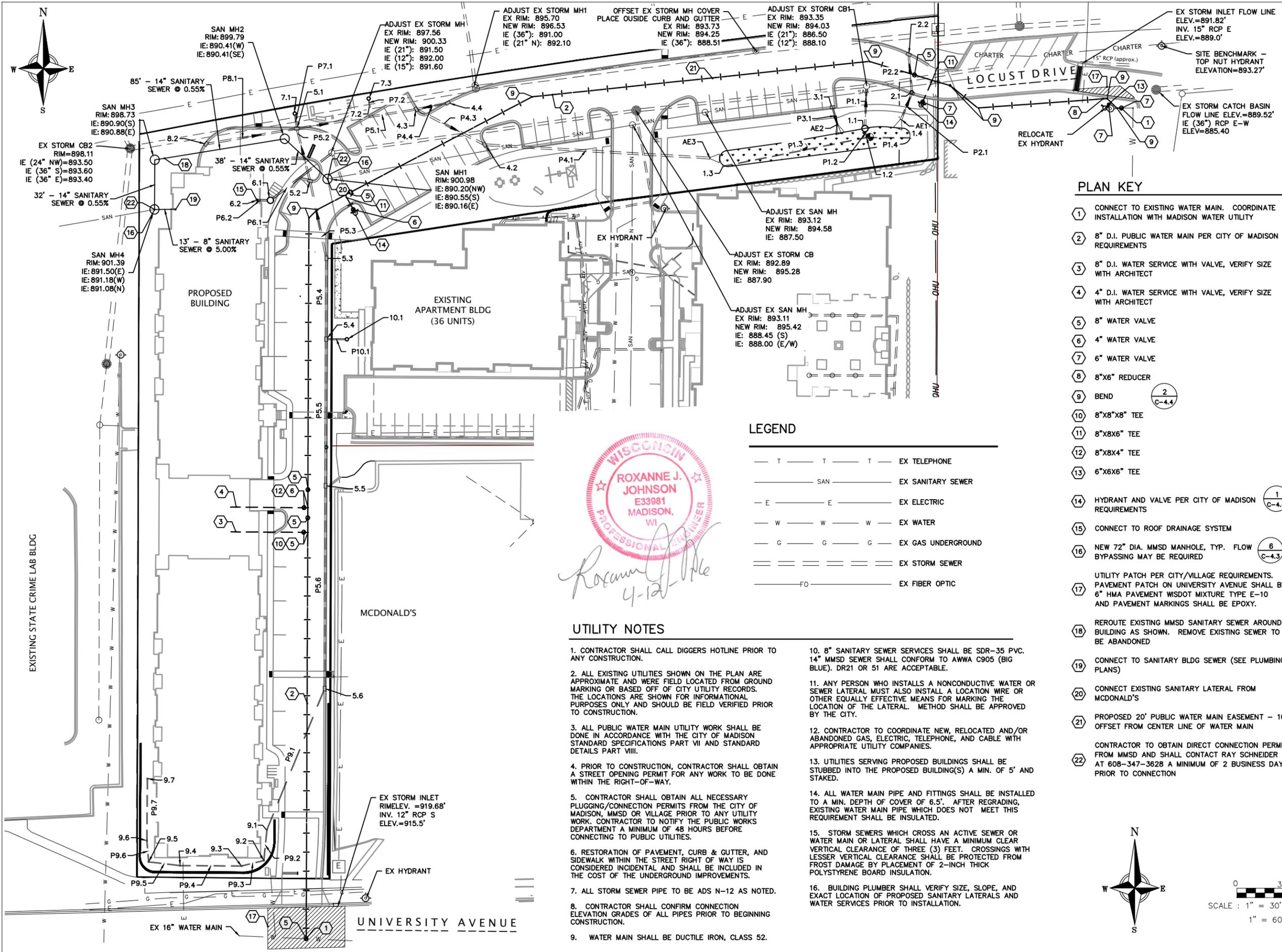
SEE INDIVIDUAL SHEETS

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



ROXANNE J. JOHNSON
 E33981
 MADISON, WI
 PROFESSIONAL ENGINEER

Roxanne J. Johnson
 4-12-16

UTILITY NOTES

1. CONTRACTOR SHALL CALL DIGGERS HOTLINE PRIOR TO ANY CONSTRUCTION.
2. ALL EXISTING UTILITIES SHOWN ON THE PLAN ARE APPROXIMATE AND WERE FIELD LOCATED FROM GROUND MARKING OR BASED OFF OF CITY UTILITY RECORDS. THE LOCATIONS ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY AND SHOULD BE FIELD VERIFIED PRIOR TO CONSTRUCTION.
3. ALL PUBLIC WATER MAIN UTILITY WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF MADISON STANDARD SPECIFICATIONS PART VII AND STANDARD DETAILS PART VIII.
4. PRIOR TO CONSTRUCTION, CONTRACTOR SHALL OBTAIN A STREET OPENING PERMIT FOR ANY WORK TO BE DONE WITHIN THE RIGHT-OF-WAY.
5. CONTRACTOR SHALL OBTAIN ALL NECESSARY PLUGGING/CONNECTION PERMITS FROM THE CITY OF MADISON, MMSD OR VILLAGE PRIOR TO ANY UTILITY WORK. CONTRACTOR TO NOTIFY THE PUBLIC WORKS DEPARTMENT A MINIMUM OF 48 HOURS BEFORE CONNECTING TO PUBLIC UTILITIES.
6. RESTORATION OF PAVEMENT, CURB & GUTTER, AND SIDEWALK WITHIN THE STREET RIGHT OF WAY IS CONSIDERED INCIDENTAL AND SHALL BE INCLUDED IN THE COST OF THE UNDERGROUND IMPROVEMENTS.
7. ALL STORM SEWER PIPE TO BE ADS N-12 AS NOTED.
8. CONTRACTOR SHALL CONFIRM CONNECTION ELEVATION GRADES OF ALL PIPES PRIOR TO BEGINNING CONSTRUCTION.
9. WATER MAIN SHALL BE DUCTILE IRON, CLASS 52.
10. 8" SANITARY SEWER SERVICES SHALL BE SDR-35 PVC. 14" MMSD SEWER SHALL CONFORM TO AWWA C905 (BIG BLUE). DR21 OR 51 ARE ACCEPTABLE.
11. ANY PERSON WHO INSTALLS A NONCONDUCTIVE WATER OR SEWER LATERAL MUST ALSO INSTALL A LOCATION WIRE OR OTHER EQUALLY EFFECTIVE MEANS FOR MARKING THE LOCATION OF THE LATERAL. METHOD SHALL BE APPROVED BY THE CITY.
12. CONTRACTOR TO COORDINATE NEW, RELOCATED AND/OR ABANDONED GAS, ELECTRIC, TELEPHONE, AND CABLE WITH APPROPRIATE UTILITY COMPANIES.
13. UTILITIES SERVING PROPOSED BUILDING(S) SHALL BE STUBBED INTO THE PROPOSED BUILDING(S) A MIN. OF 5' AND STAKED.
14. ALL WATER MAIN PIPE AND FITTINGS SHALL BE INSTALLED TO A MIN. DEPTH OF COVER OF 6.5'. AFTER REGRADING, EXISTING WATER MAIN PIPE WHICH DOES NOT MEET THIS REQUIREMENT SHALL BE INSULATED.
15. STORM SEWERS WHICH CROSS AN ACTIVE SEWER OR WATER MAIN OR LATERAL SHALL HAVE A MINIMUM CLEAR VERTICAL CLEARANCE OF THREE (3) FEET. CROSSINGS WITH LESSER VERTICAL CLEARANCE SHALL BE PROTECTED FROM FROST DAMAGE BY PLACEMENT OF 2-INCH THICK POLYSTYRENE BOARD INSULATION.
16. BUILDING PLUMBER SHALL VERIFY SIZE, SLOPE, AND EXACT LOCATION OF PROPOSED SANITARY LATERALS AND WATER SERVICES PRIOR TO INSTALLATION.

PLAN KEY

- 1 CONNECT TO EXISTING WATER MAIN. COORDINATE INSTALLATION WITH MADISON WATER UTILITY
- 2 8" D.I. PUBLIC WATER MAIN PER CITY OF MADISON REQUIREMENTS
- 3 8" D.I. WATER SERVICE WITH VALVE, VERIFY SIZE WITH ARCHITECT
- 4 4" D.I. WATER SERVICE WITH VALVE, VERIFY SIZE WITH ARCHITECT
- 5 8" WATER VALVE
- 6 4" WATER VALVE
- 7 6" WATER VALVE
- 8 8"x6" REDUCER
- 9 BEND 2
C-4.4
- 10 8"x8"x8" TEE
- 11 8"x8"x6" TEE
- 12 8"x8"x4" TEE
- 13 6"x6"x6" TEE
- 14 HYDRANT AND VALVE PER CITY OF MADISON REQUIREMENTS 1
C-4.4
- 15 CONNECT TO ROOF DRAINAGE SYSTEM
- 16 NEW 72" DIA. MMSD MANHOLE, TYP. FLOW BYPASSING MAY BE REQUIRED 6
C-4.3
- 17 UTILITY PATCH PER CITY/VILLAGE REQUIREMENTS. PAVEMENT PATCH ON UNIVERSITY AVENUE SHALL BE 6" HMA PAVEMENT WSDOT MIXTURE TYPE E-10 AND PAVEMENT MARKINGS SHALL BE EPOXY.
- 18 REROUTE EXISTING MMSD SANITARY SEWER AROUND BUILDING AS SHOWN. REMOVE EXISTING SEWER TO BE ABANDONED
- 19 CONNECT TO SANITARY BLDG SEWER (SEE PLUMBING PLANS)
- 20 CONNECT EXISTING SANITARY LATERAL FROM MCDONALD'S
- 21 PROPOSED 20' PUBLIC WATER MAIN EASEMENT - 10' OFFSET FROM CENTER LINE OF WATER MAIN
- 22 CONTRACTOR TO OBTAIN DIRECT CONNECTION PERMIT FROM MMSD AND SHALL CONTACT RAY SCHNEIDER AT 608-347-3628 A MINIMUM OF 2 BUSINESS DAYS PRIOR TO CONNECTION

LEGEND

| | |
|---------------|--------------------|
| — T — T — T — | EX TELEPHONE |
| — SAN — | EX SANITARY SEWER |
| — E — E — E — | EX ELECTRIC |
| — W — W — W — | EX WATER |
| — G — G — G — | EX GAS UNDERGROUND |
| — — — — — | EX STORM SEWER |
| — FO — | EX FIBER OPTIC |

Knothe Bruce

ARCHITECTS

Phone: 7601 University Ave, Ste 201
608.236.3690 Middleton, WI 53562

PROFESSIONAL ENGINEERING LLC

818 N Meadowbrook Ln
Waunakee, WI 53597
phone (608) 849-9378
fax (608) 237-2129

ISSUED
04-12-16

PROJECT TITLE
**Pyare Square
Lodge Phase II**

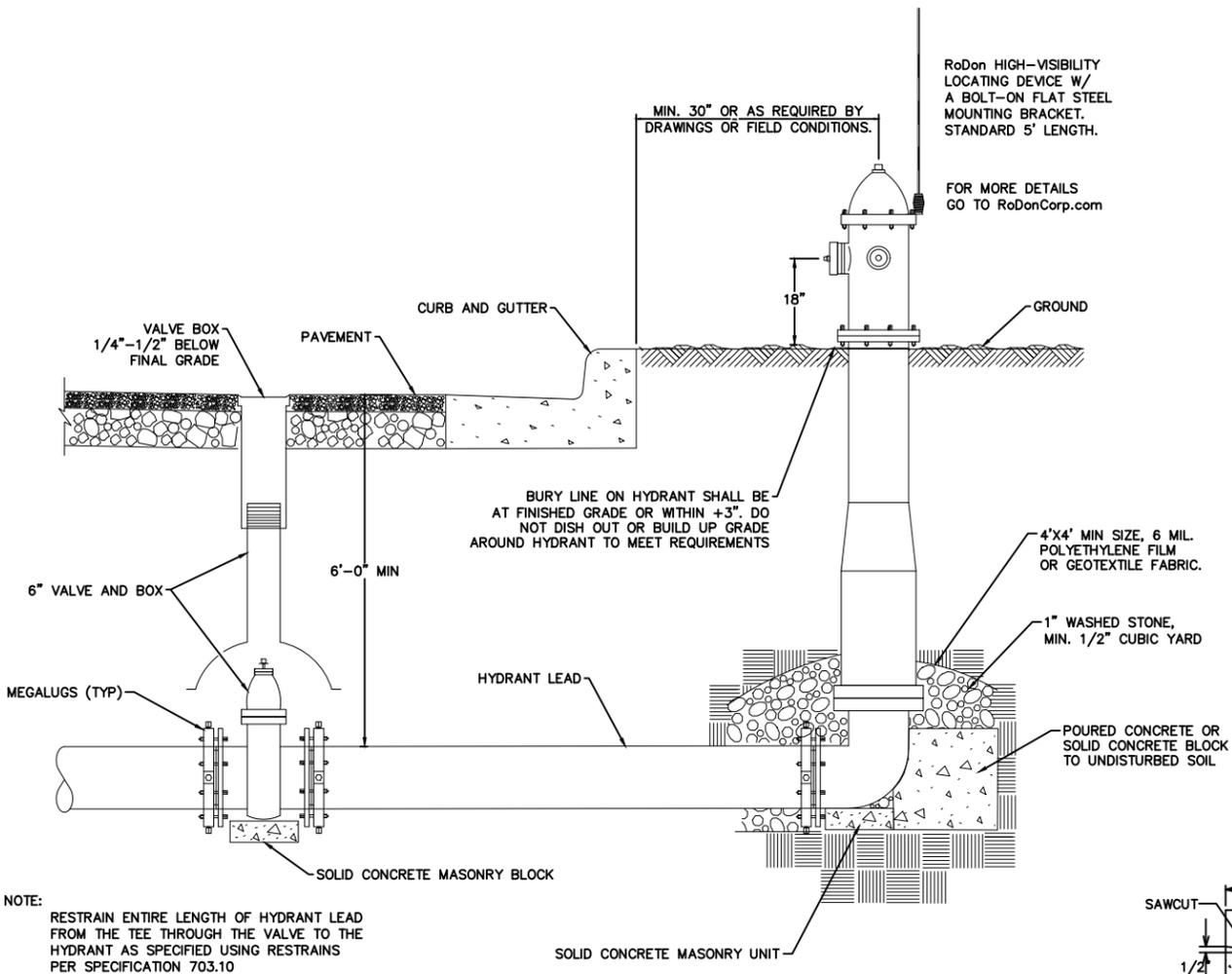
University Avenue
Shorewood,
Wisconsin
SHEET TITLE
Utility Plan

SHEET NUMBER
C-3.0

PROJECT NO. **1403**
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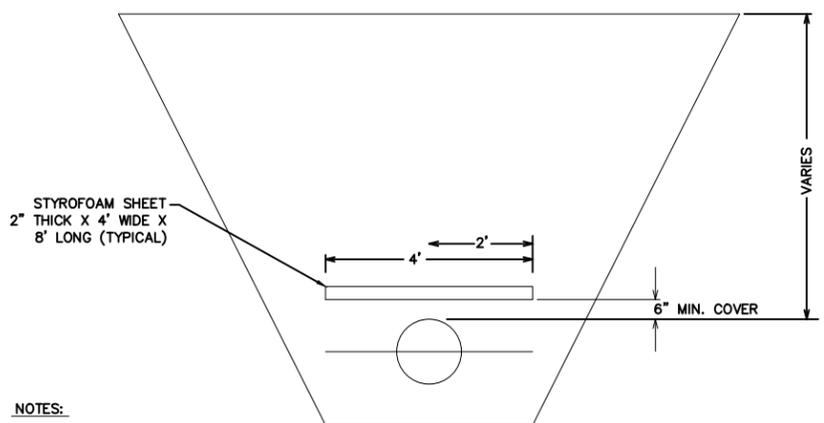


0 30 60
SCALE : 1" = 30' (24 X 36)
1" = 60' (11 X 17)



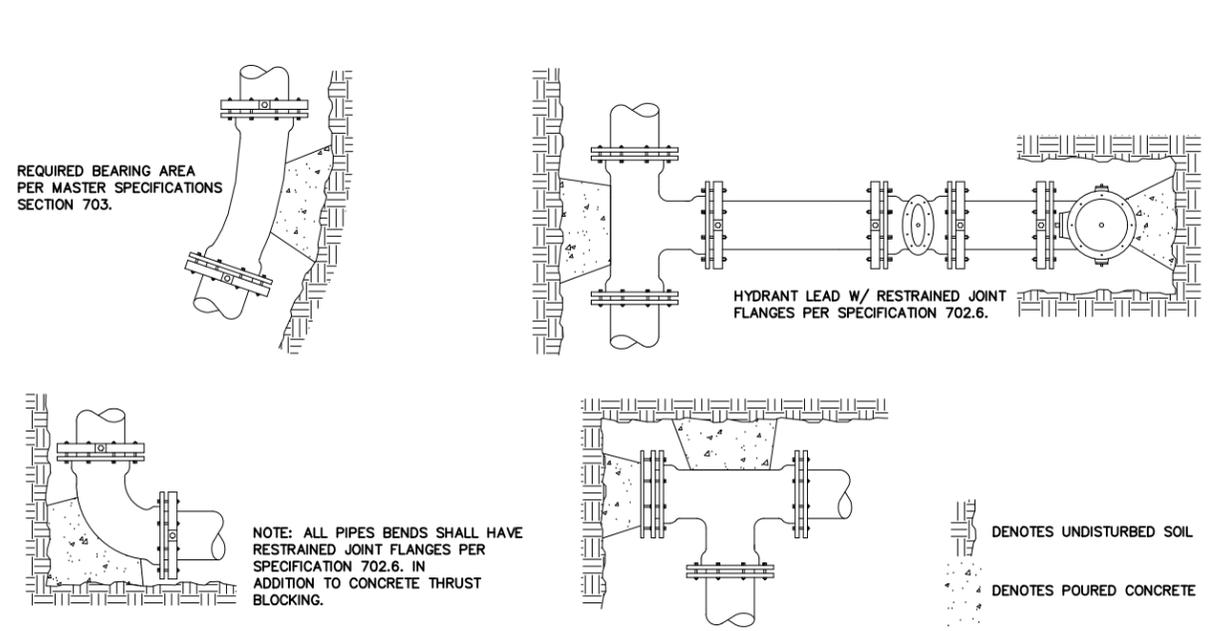
NOTE: RESTRAIN ENTIRE LENGTH OF HYDRANT LEAD FROM THE TEE THROUGH THE VALVE TO THE HYDRANT AS SPECIFIED USING RESTRAINS PER SPECIFICATION 703.10

1 TYPICAL HYDRANT INSTALLATION
C-4.4 NTS

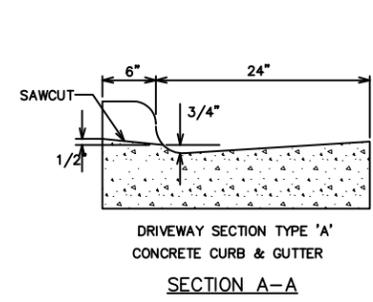


NOTES:
1) ALL STYROFOAM TO BE 2\"/>

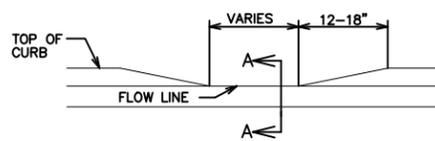
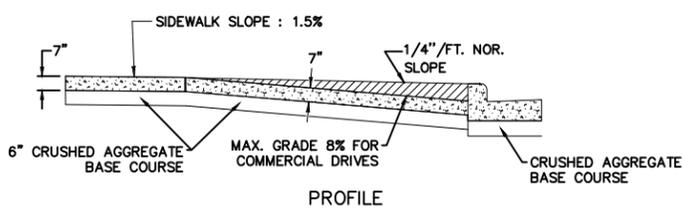
3 TYPICAL STYROFOAM INSTALLATION
C-4.4 NTS



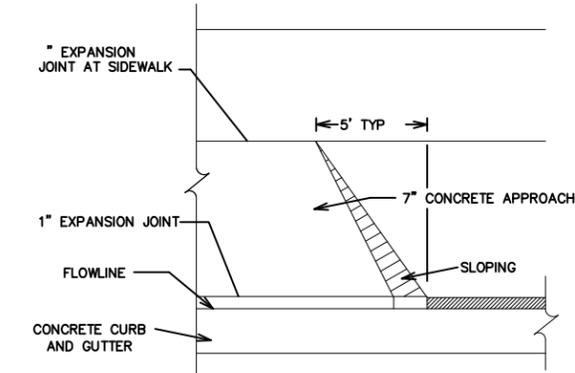
2 STANDARD THRUST BLOCKING
C-4.4 NTS



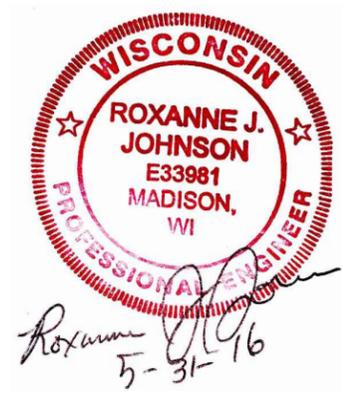
EXPANSION JOINTS IN ACCORDANCE WITH REQUIREMENTS OF 302.2d and 303.2d

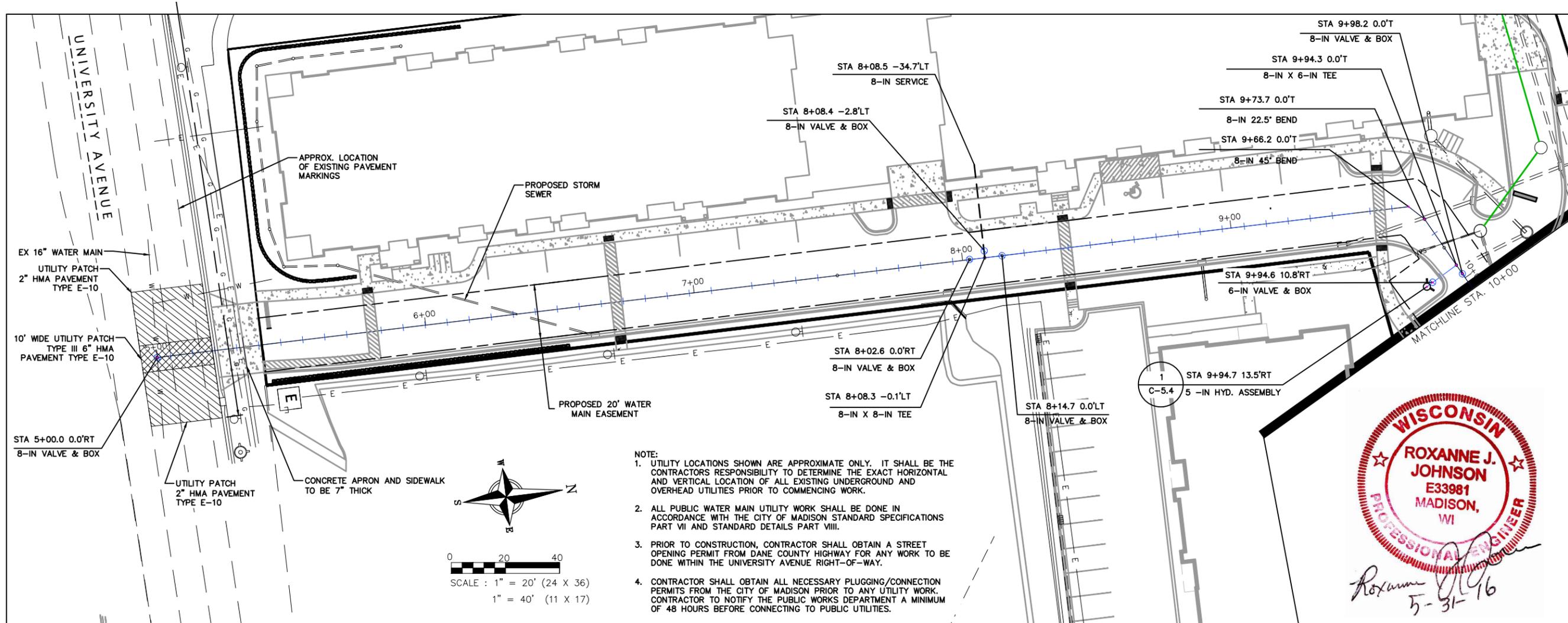


4 COMMERCIAL DRIVEWAY DETAIL
C-4.4 NTS



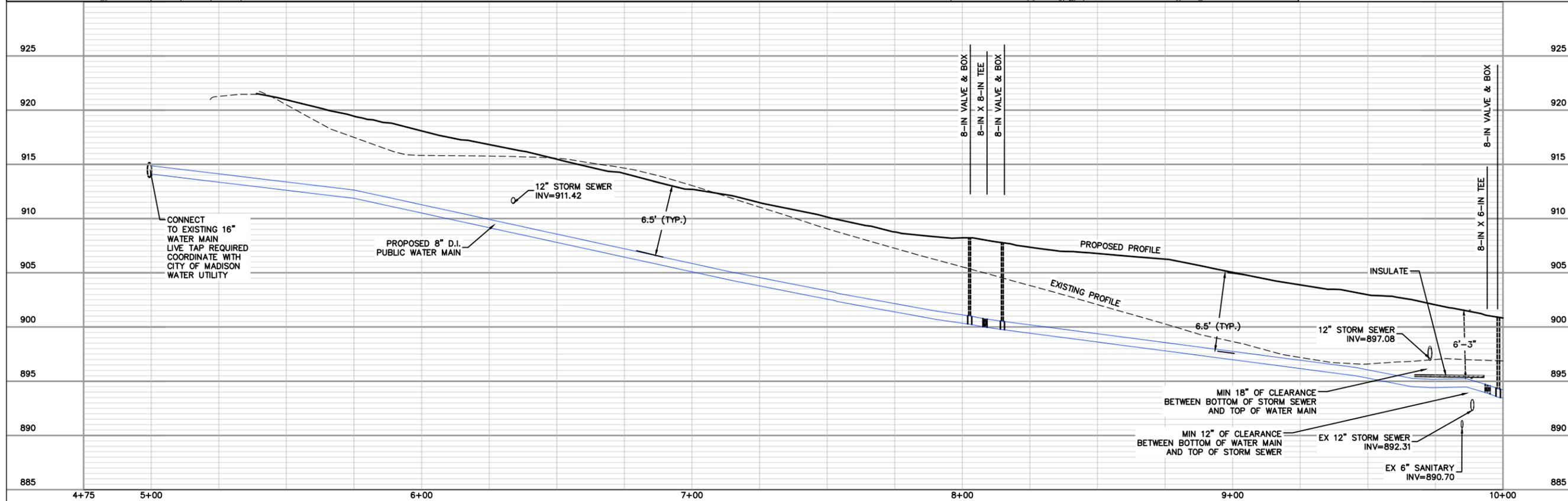
NOTES:
IF THE CURB CUT IS NOT CONSTRUCTED WITH THE INITIAL CURB AND GUTTER CONSTRUCTION, THE CURB CUT CAN BE MADE BY REMOVING AND REPLACING THE ENTIRE CURB AND GUTTER SECTION OR BY SAWCUTTING THE EXISTING CURB HEAD BY MEANS OF A SPECIAL SAW DESIGNED TO MEET THE DETAILS ABOVE FOR MADISON STANDARD CURB CUTS.
ALL EXPANSION JOINTS SHALL EXTEND THROUGH THE ENTIRE THICKNESS OF THE APPROACH OR SIDEWALK, WHICHEVER IS THICKER

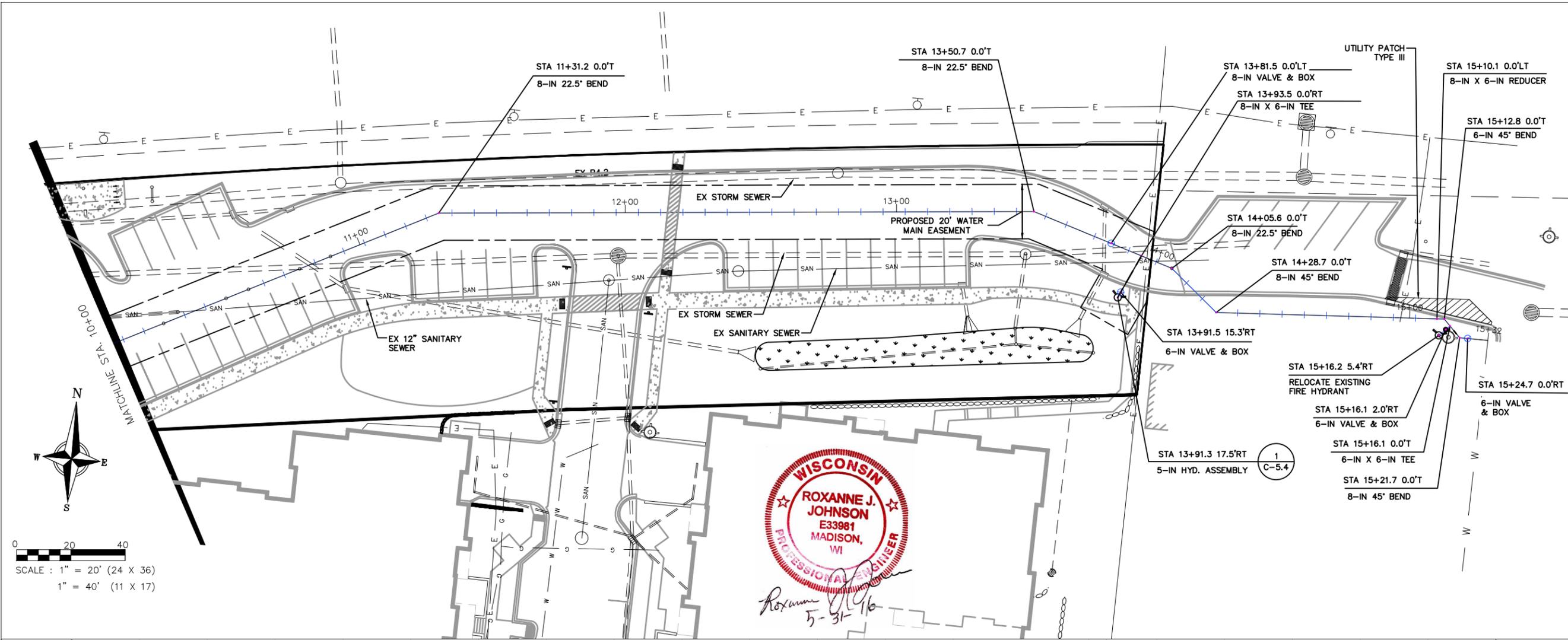




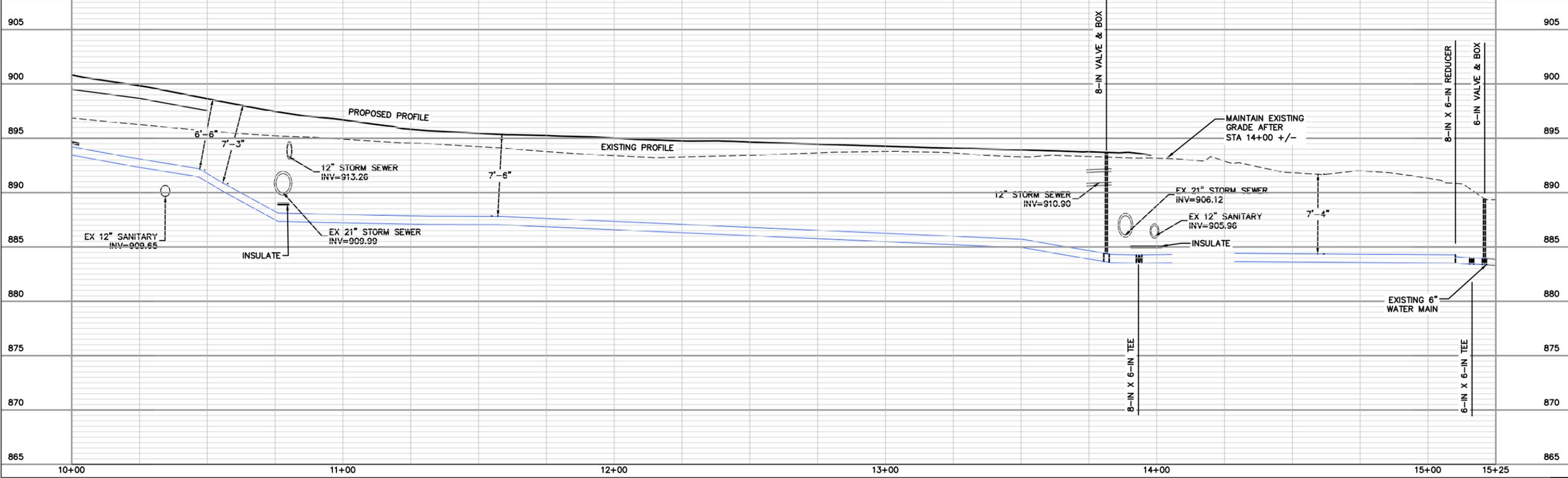
WISCONSIN
ROXANNE J. JOHNSON
 E33981
 MADISON, WI
 PROFESSIONAL ENGINEER

Roxanne Johnson
 5-31-16





0 20 40
 SCALE : 1" = 20' (24 X 36)
 1" = 40' (11 X 17)



knothe bruce
 ARCHITECTS
 Phone: 7601 University Ave, Ste 201
 608.836.3690 Middleton, WI 53542

PROFESSIONAL ENGINEERING LLC
 818 N Meadowbrook Ln
 Wauwatosa, WI 53597
 phone (608) 849-9378
 fax (608) 237-2129

ISSUED
 05-31-16

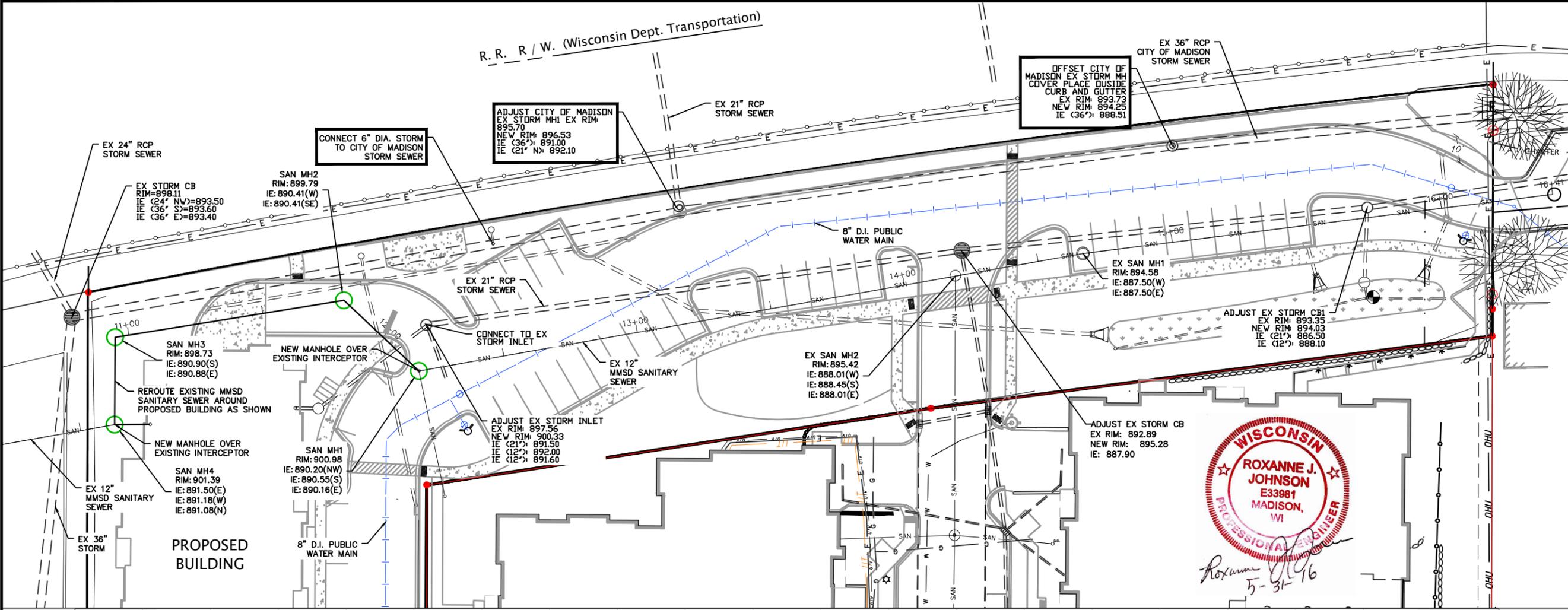
PROJECT TITLE
**Pyare Square
 Lodge Phase II**

University Avenue
 Shorewood,
 Wisconsin
 SHEET TITLE
**Water Main
 Plan & Profile**

SHEET NUMBER
C-5.1

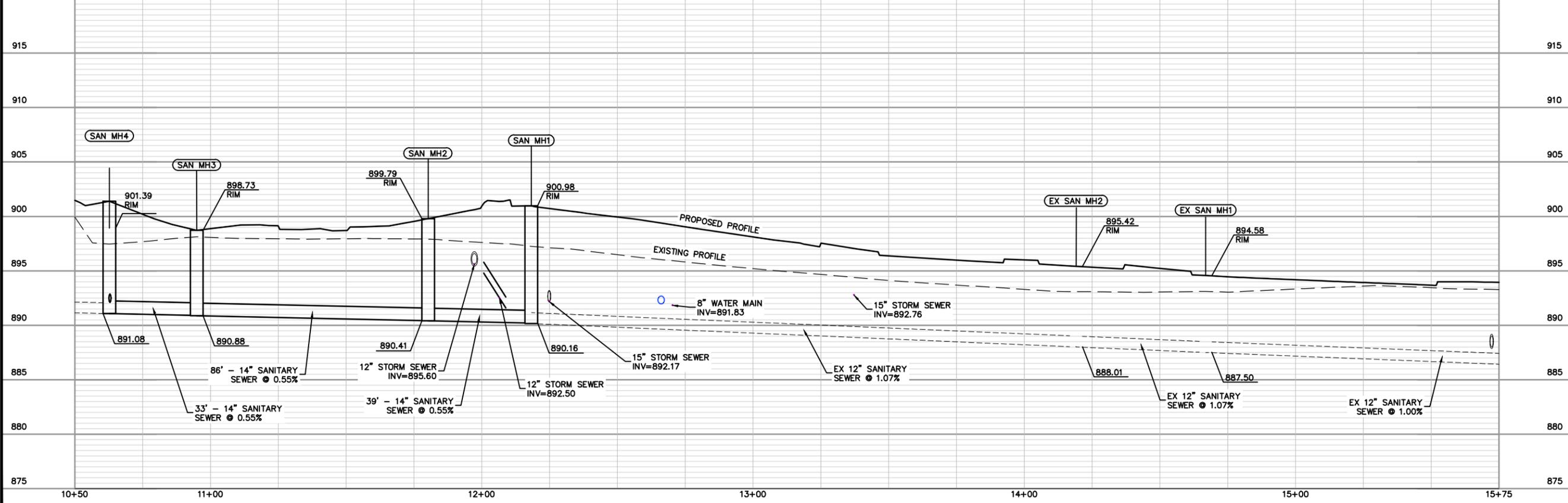
PROJECT NO. **1403**

R. R. R / W. (Wisconsin Dept. Transportation)



WISCONSIN
ROXANNE J. JOHNSON
 E33981
 MADISON, WI
 PROFESSIONAL ENGINEER

Roxanne Johnson
 5-31-16



kb2
knothe bruce
 ARCHITECTS
 Phone: 7601 University Ave, Ste 201
 608.236.3690 Madison, WI 53562

PROFESSIONAL ENGINEERING
 LLC
 818 N Meadowbrook Ln
 Waunakee, WI 53597
 phone (608) 849-9378
 fax (608) 237-2129

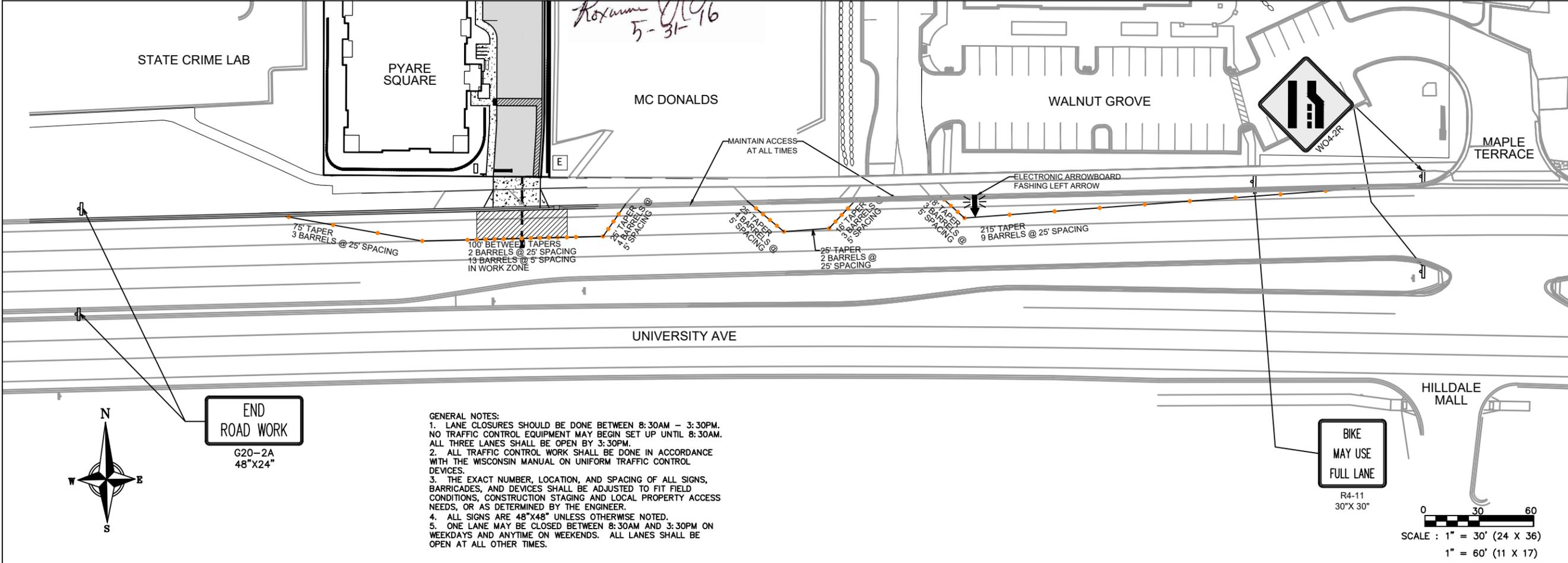
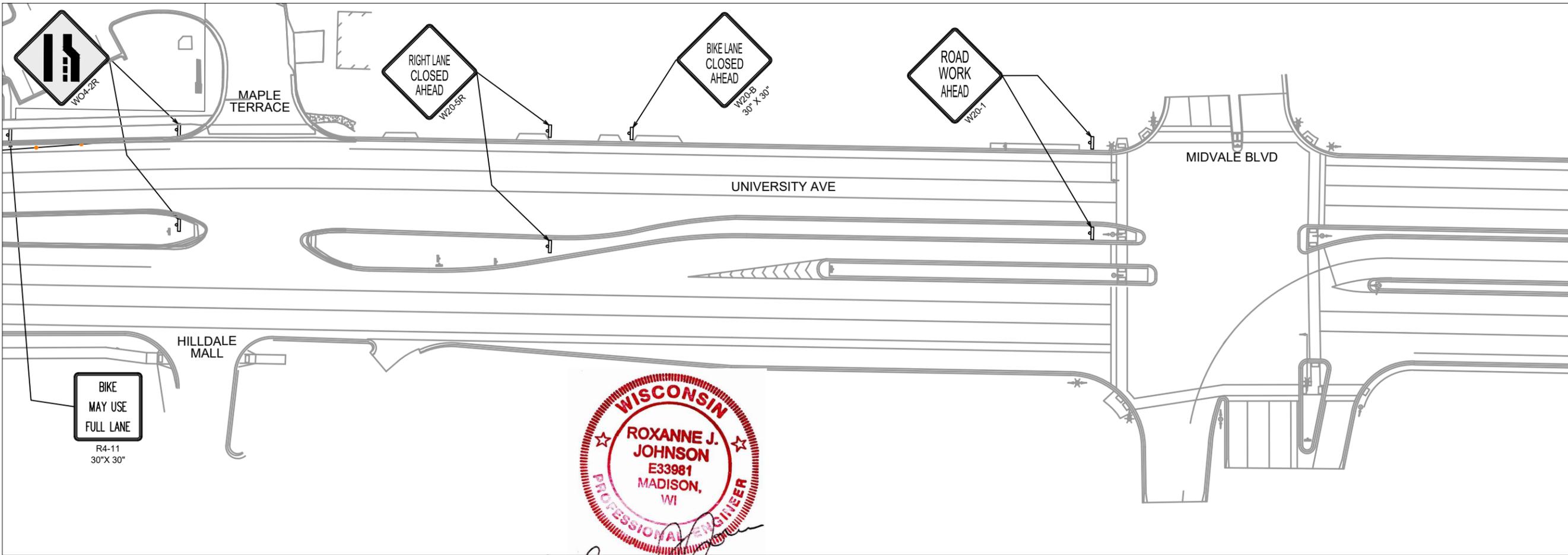
ISSUED
 05-31-16

PROJECT TITLE
**Pyare Square
 Lodge Phase II**

University Avenue
 Shorewood,
 Wisconsin
 SHEET TITLE
**Sanitary Plan &
 Profile**

SHEET NUMBER
C-5.2

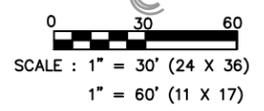
PROJECT NO. **1403**
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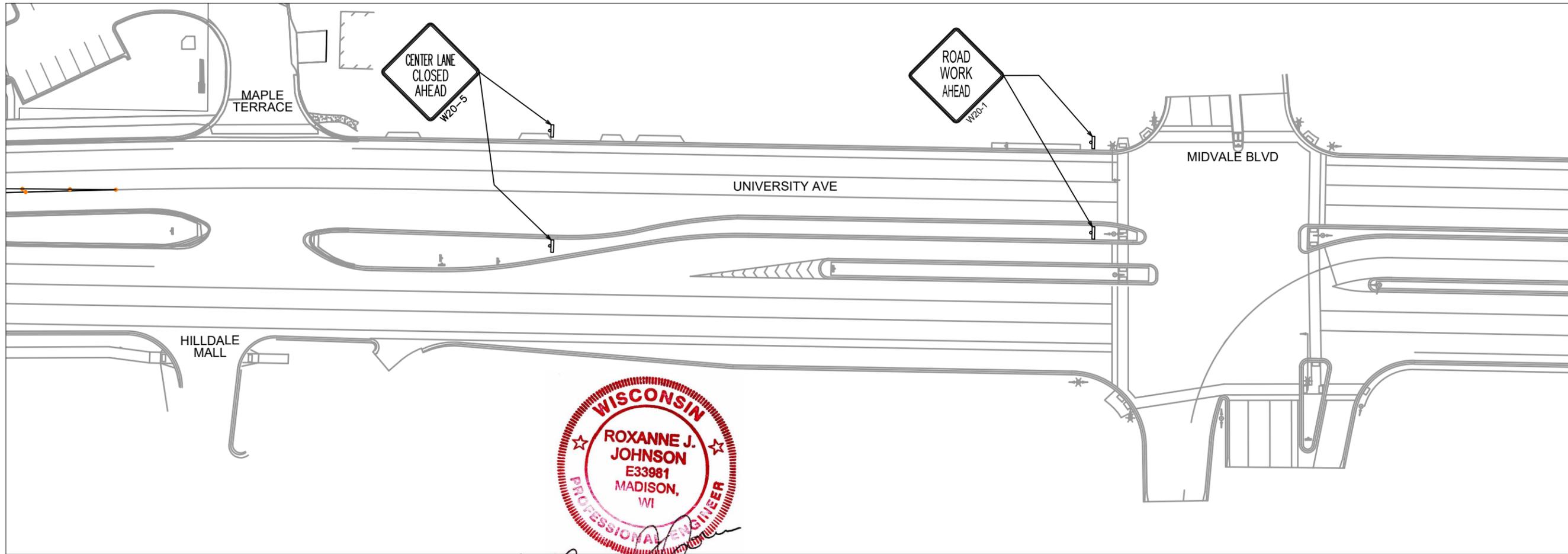


GENERAL NOTES:
 1. LANE CLOSURES SHOULD BE DONE BETWEEN 8:30AM - 3:30PM. NO TRAFFIC CONTROL EQUIPMENT MAY BEGIN SET UP UNTIL 8:30AM. ALL THREE LANES SHALL BE OPEN BY 3:30PM.
 2. ALL TRAFFIC CONTROL WORK SHALL BE DONE IN ACCORDANCE WITH THE WISCONSIN MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
 3. THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS, BARRICADES, AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS, CONSTRUCTION STAGING AND LOCAL PROPERTY ACCESS NEEDS, OR AS DETERMINED BY THE ENGINEER.
 4. ALL SIGNS ARE 48"X48" UNLESS OTHERWISE NOTED.
 5. ONE LANE MAY BE CLOSED BETWEEN 8:30AM AND 3:30PM ON WEEKDAYS AND ANYTIME ON WEEKENDS. ALL LANES SHALL BE OPEN AT ALL OTHER TIMES.



Roxanne J. Johnson
 5-31-16





Roxanne J. Johnson
5-31-16

