

**Madison, Wisconsin**  
INDEX OF SHEETS - STREETS

SHEET NO. 1	TITLE SHEET
SHEET NO. D1	GENERAL NOTES
SHEET NO. D2	DETAILS
SHEET NO. P1-P2	STREET PLAN & PROFILE
SHEET NO. U1-U3	UTILITY PLAN & PROFILE
SHEET NO. U4	SANITARY SEWER SCHEDULE
SHEET NO. U5	STORM SEWER SCHEDULE
SHEET NO. C2.2	POND GRADING PLAN
SHEET NO. W1-W2	WATER PLAN & PROFILE
SHEET NO. W3	WATER ESTIMATE OF MATERIALS

# CITY OF MADISON

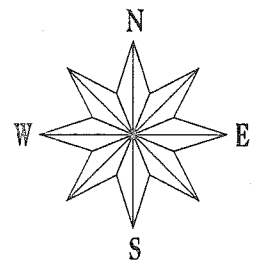
## CITY ENGINEERING DIVISION

### DEPARTMENT OF PUBLIC WORKS

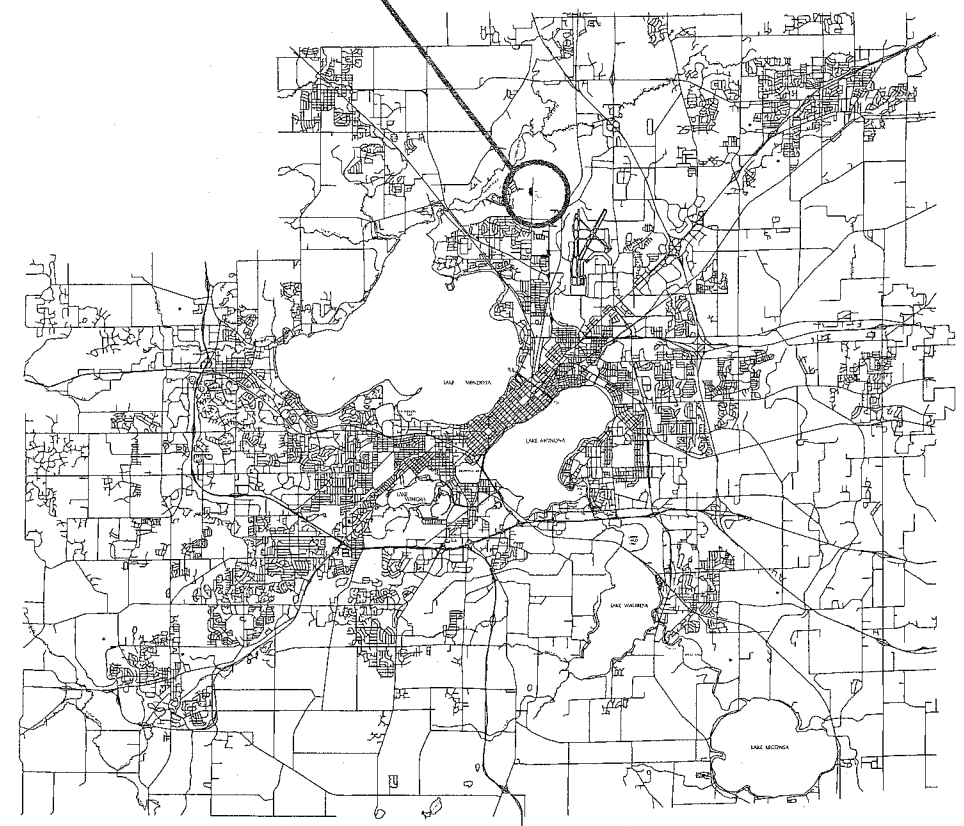
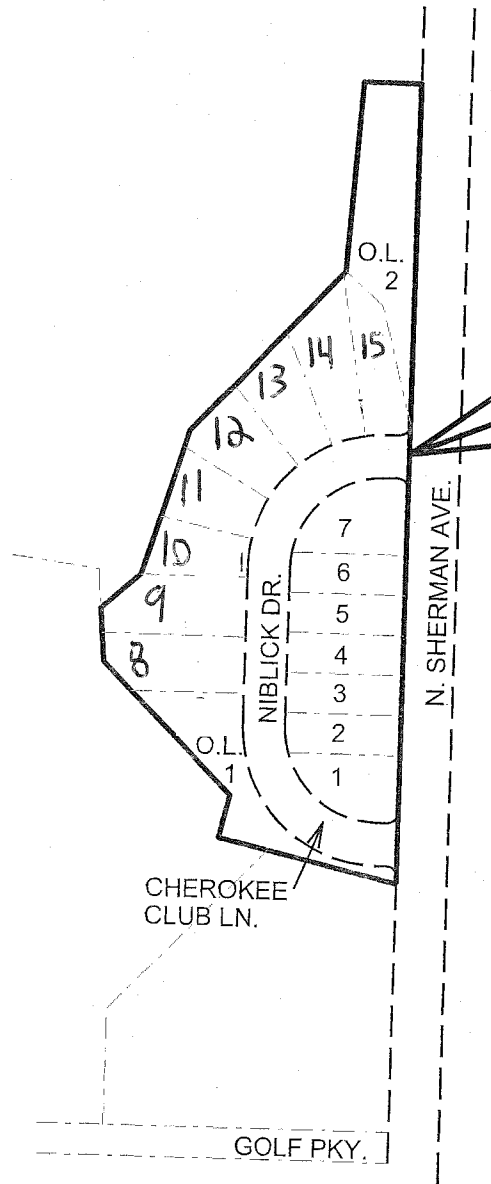
# PLAN OF PROPOSED IMPROVEMENT

## THE TURN AT CHEROKEE - 5204 N. SHERMAN AVE


CITY PROJECT NO. 11347  
CITY CONTRACT NO. 7684  
MUNIS NO. 11347



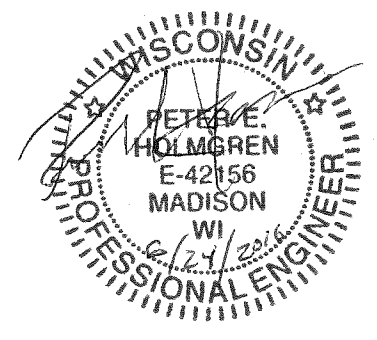
*PROJECT LOCATION*

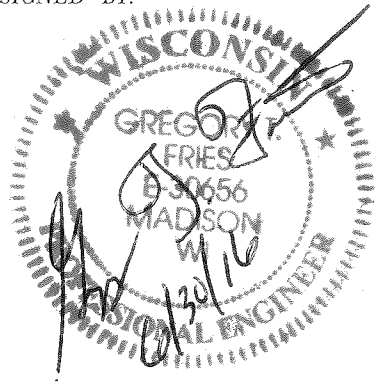


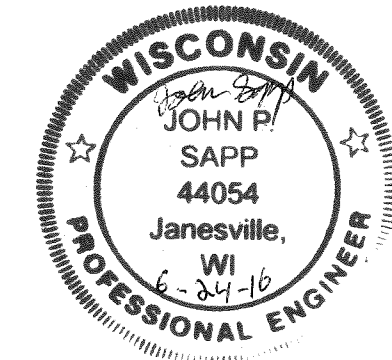
PUBLIC IMPROVEMENT PROJECT APPROVED  
MARCH 29, 2016  
BY THE COMMON COUNCIL OF MADISON, WISCONSIN

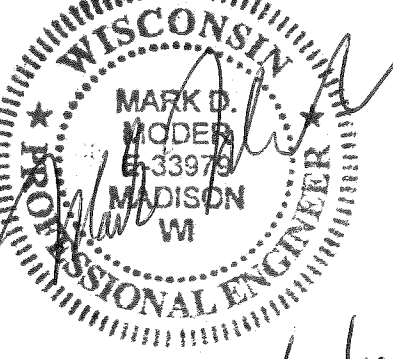
PUBLIC IMPROVEMENT DESIGN APPROVED BY:  
  
City Engineer  
7-1-16  
Date

STORMWATER POND PLAN DESIGNED BY:  
  
**SEE INDIVIDUAL SHEETS**

WATER DESIGNED BY:  


STORM SEWER DESIGNED BY:  


STREET DESIGNED BY:  


SANITARY SEWER DESIGNED BY:  
  
6/30/16

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

THE LOCATION AND INFORMATION FOR PROPOSED NEW TREES, IN THE PUBLIC RIGHT OF WAY OR ON PUBLIC LANDS ARE APPROXIMATE AND ARE SHOWN FOR REFERENCE ONLY. THE LOCATIONS, SPECIFICATIONS AND PLANTING METHODS OF ALL PROPOSED NEW OR REPLACEMENT TREES IN THE PUBLIC RIGHT OF WAY OR ON PUBLIC LANDS SHALL BE APPROVED BY THE CITY FORESTER PRIOR TO INSTALLATION.

NO TREES IN THE RIGHT OF WAY OR ON PUBLIC LANDS SHALL BE TRIMMED, PRUNED, REMOVED OR ADVERSELY AFFECTED IN ANY WAY UNTIL THE DEVELOPER HAS RECEIVED WRITTEN PERMISSION FROM THE CITY ENGINEER OR CITY FORESTER. SAID WRITTEN PERMISSION SHALL INCLUDE LANGUAGE INDICATING THAT SECTION 10.101 OF THE MADISON GENERAL ORDINANCES AND ADMINISTRATIVE PROCEDURE MEMORANDUM NO. 6-2, REFERRING TO NOTIFICATION OF PROPERTY OCCUPANTS AND/OR OWNERS, HAS BEEN COMPLIED WITH.

CONTRACTOR/DEVELOPER SHALL SUBMIT A TRAFFIC CONTROL PLAN TO CITY TRAFFIC ENGINEERING AT LEAST 10 WORKING DAYS PRIOR TO THE START OF WORK. WORK WITHIN THE RIGHT-OF-WAY SHALL NOT BEGIN UNTIL THE TRAFFIC CONTROL PLAN IS APPROVED.

ANY PAVEMENT MARKINGS THAT ARE REMOVED OR DAMAGED SHALL BE REPLACED BY THE DEVELOPER/CONTRACTOR AS DIRECTED BY CITY TRAFFIC ENGINEERING.

ALL PAVEMENT IN THE CHEROKEE CLUB LANE AND NIBLICK DRIVE RIGHTS-OF-WAY SHALL BE TYPE A PAVEMENT PER STANDARD DETAIL DRAWING 4.02.

ALL PAVEMENT IN THE NORTH SHERMAN AVENUE RIGHT-OF-WAY SHALL BE TYPE B PAVEMENT PER STANDARD DETAIL DRAWING 4.02.

UNDERDRAINS SHALL BE INSTALLED, PER STANDARD DETAIL DRAWING 4.05 FOR 75' ON EACH SIDE OF THE LOW POINT, OR TO THE NEAREST CURB HIGH POINT. ALL UNDERDRAIN SHALL BE WRAPPED.

ALL GUTTERS SHALL DRAIN WITH A MINIMUM GRADES OF 0.5% TOWARD STORM SEWER INLETS.

ALL DITCHES SHALL DRAIN WITH A MINIMUM GRADES OF 0.5%

THE CROSS SLOPE OF SIDEWALKS AND BARRIER FREE SIDEWALK CURB RAMPS SHALL BE 1.5%. THE LONGITUDINAL GRADE OF BARRIER FREE SIDEWALK CURB RAMPS SHALL NOT EXCEED 8.33%. ALL SIDEWALK RAMPS SHALL BE CONSTRUCTED ACCORDING TO S.D.D. 3.03. AT ALL OTHER LOCATIONS THE LONGITUDINAL GRADE OF SIDEWALKS SHALL NOT EXCEED 5.0 % OR THE ADJACENT STREET GRADE WHICHEVER IS GREATER NOR BE LESS THAN 0.5% AND SHALL DRAIN TOWARD STORM SEWER INLETS. SIDE SLOPES WITHIN TEN FEET OF A PUBLIC SIDEWALK SHALL NOT EXCEED 4.00:1. ALL SIDEWALK AND SIDEWALK RAMP ELEVATIONS AND GRADES SHALL BE FIELD VERIFIED AND SET TO COMPLY WITH THE CITY OF MADISON STANDARD SPECIFICATIONS AND THE A.D.A. GUIDELINES.

OBTAIN A PRINT OUT OF THE ALIGNMENT FROM THE CITY ENGINEER PRIOR TO STAKING THIS PROJECT.

CURB STATION AND OFFSETS SHALL BE TO THE FACE OF CURB UNLESS OTHERWISE INDICATED. CURB ELEVATIONS SHALL BE TO THE TOP OF CURB (OR EXTENDED TOP OF CURB FOR DRIVEWAYS OR RAMPS) UNLESS OTHERWISE INDICATED.

POWER POLES AND OTHER OBSTRUCTIONS SHALL BE MOVED TO PROVIDE 2 FEET MINIMUM OF CLEAR DISTANCE FROM ANY FACE OF CURB OR EDGE OF SIDEWALK.

ANY INFORMATION SHOWN ON THIS PLAN, WHICH IS NOT PART OF THIS PROJECT, IS PRELIMINARY AND NOT FOR CONSTRUCTION.

THERE MAY BE EXISTING UTILITIES OR OTHER FEATURES WHICH ARE EITHER NOT SHOWN OR SHOWN INCORRECTLY ON THIS PLAN. IT IS THE RESPONSIBILITY OF THE DEVELOPER TO LOCATE AND IDENTIFY ALL UTILITIES AND TOPOGRAPHY WHICH MAY AFFECT THE CONSTRUCTION OF THESE IMPROVEMENTS.

ALL PERMANENT SIGNING AND POSTING WILL BE DETERMINED AND PROVIDED BY THE TRAFFIC ENGINEERING DIVISION, FOLLOWING CONSTRUCTION OF THESE IMPROVEMENTS.



THE DEVELOPER SHALL PROVIDE, INSTALL AND MAINTAIN ALL STREET END BARRICADES, SIGNING AND TRAFFIC CONTROL, AS REQUIRED BY THE CITY TRAFFIC ENGINEER.

PAVEMENT SAWCUTS SHALL BE AS DIRECTED BY THE CITY CONSTRUCTION ENGINEER. SAWCUTS SHOWN ON THE PLAN ARE APPROXIMATE.

CURB ON CUL DE SACS SHALL BE INSTALLED ACCORDING TO SDD 3.05.

**CONVENTIONAL SIGNS**

*FIELD VERIFY ALL UTILITY LOCATIONS*

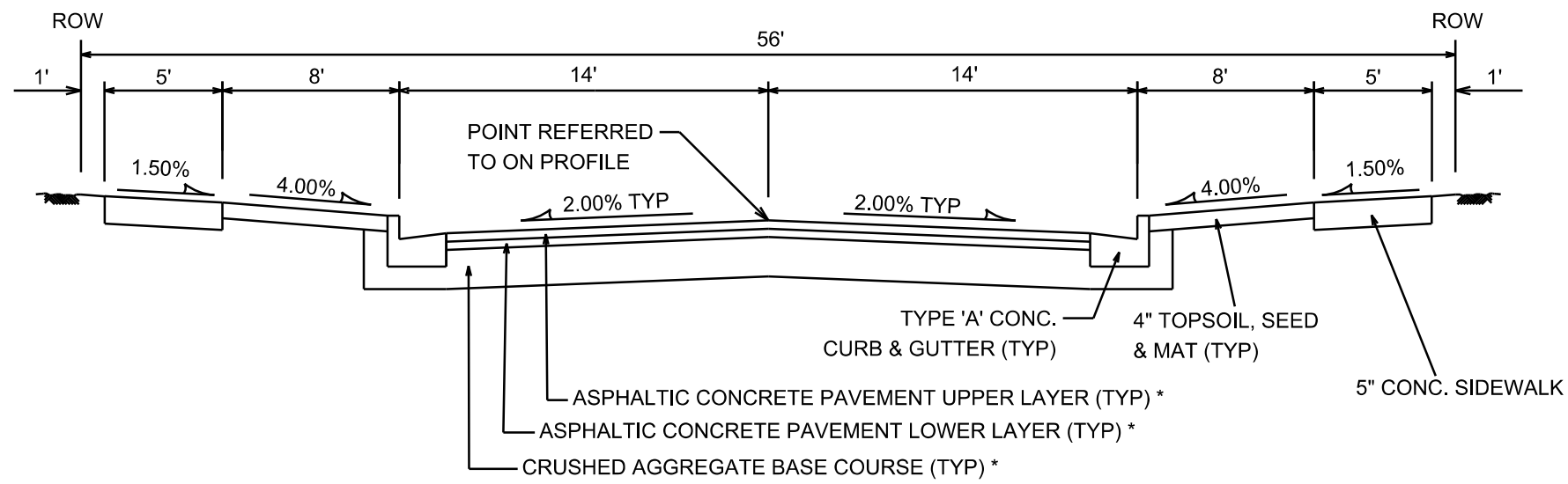
GAS	—— G ——
STORM SEWER	—— ST ——
SANITARY SEWER	—— SAN ——
WATER	—— W ——
OVERHEAD ELECTRIC	—— OH ——
POWER POLE	⊕
ADA COMPLIANT RAMP W/ DETECTABLE WARNING FIELD	
COMBUSTIBLE FLUIDS	

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

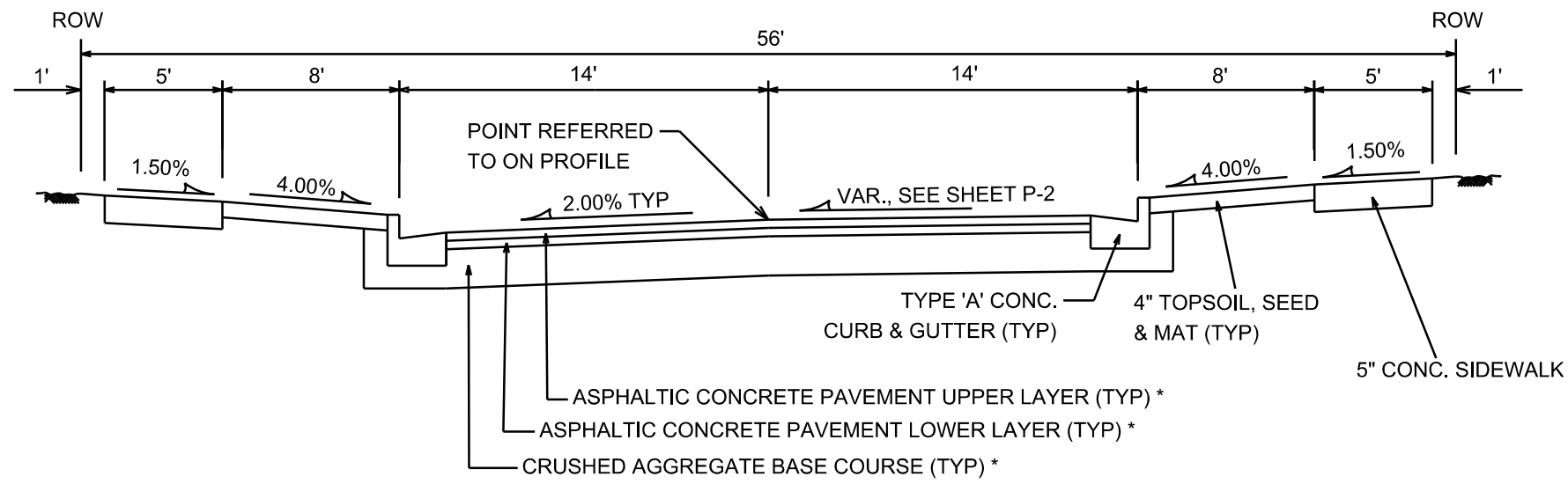
PLOT NAME: \_\_\_\_\_

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

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



**TYPICAL SECTION**  
CHEROKEE CLUB LANE / NIBLICK DRIVE  
STA 1+50 TO STA 7+50  
NOT TO SCALE



**TYPICAL SECTION**  
NIBLICK DRIVE  
STA 7+50 TO STA 8+57  
NOT TO SCALE

\* CITY OF MADISON MINIMUM PAVEMENT DESIGN

TYPE	CRUSHED AGG. BASE COURSE		ASPHALTIC CONCRETE PAVEMENT			
	LOWER LAYER GRADATION 1	UPPER LAYER GRADATION 2	LOWER LAYER TYPE	LOWER LAYER THICKNESS	UPPER LAYER TYPE	UPPER LAYER THICKNESS
A	6"	4"	E-0.3	1.75"	E-0.3	1.75"
B	6"	4"	E-1	2.50"	E-1	1.75"
C	6"	4"	E-3	3.50"	E-3	1.75"

NOTES:

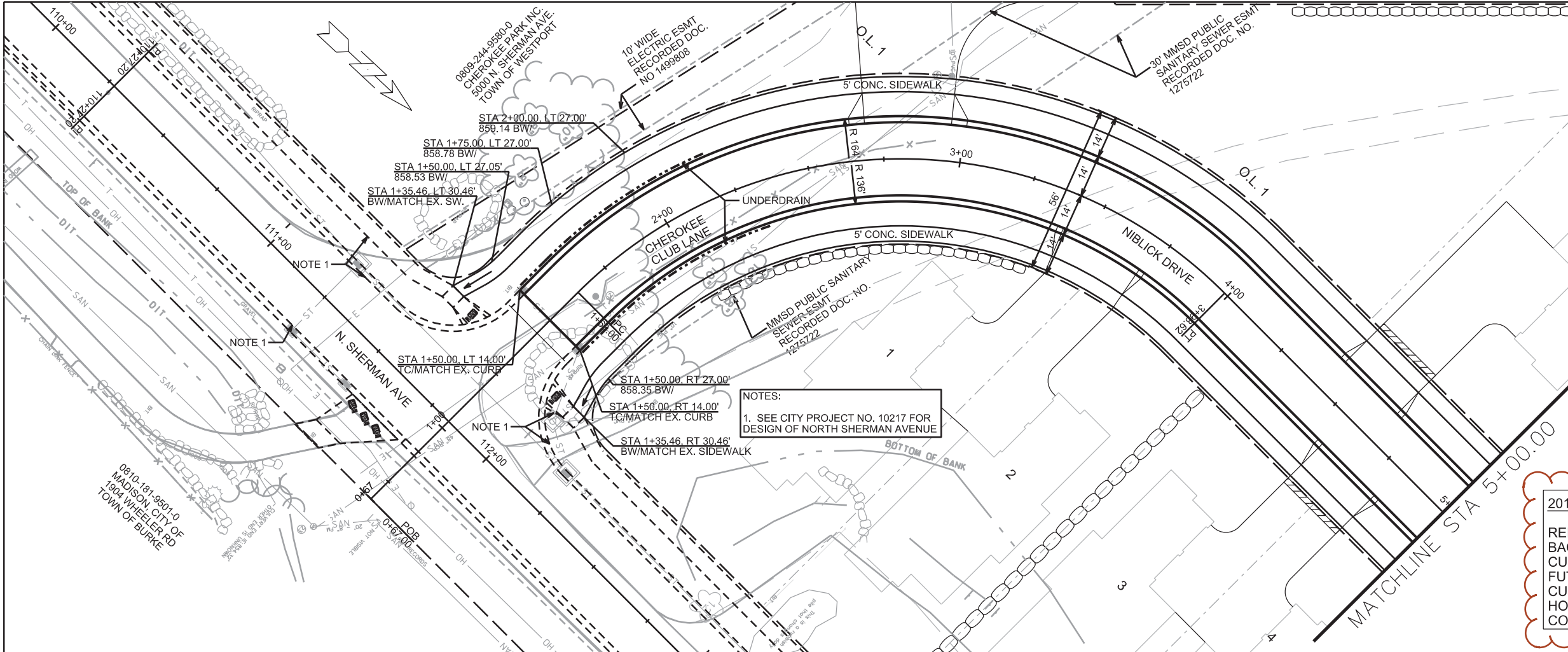
\* TYPE 'A' PAVEMENT SHALL BE USED ON CHEROKEE CLUB LANE AND NIBLICK DRIVE.

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

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

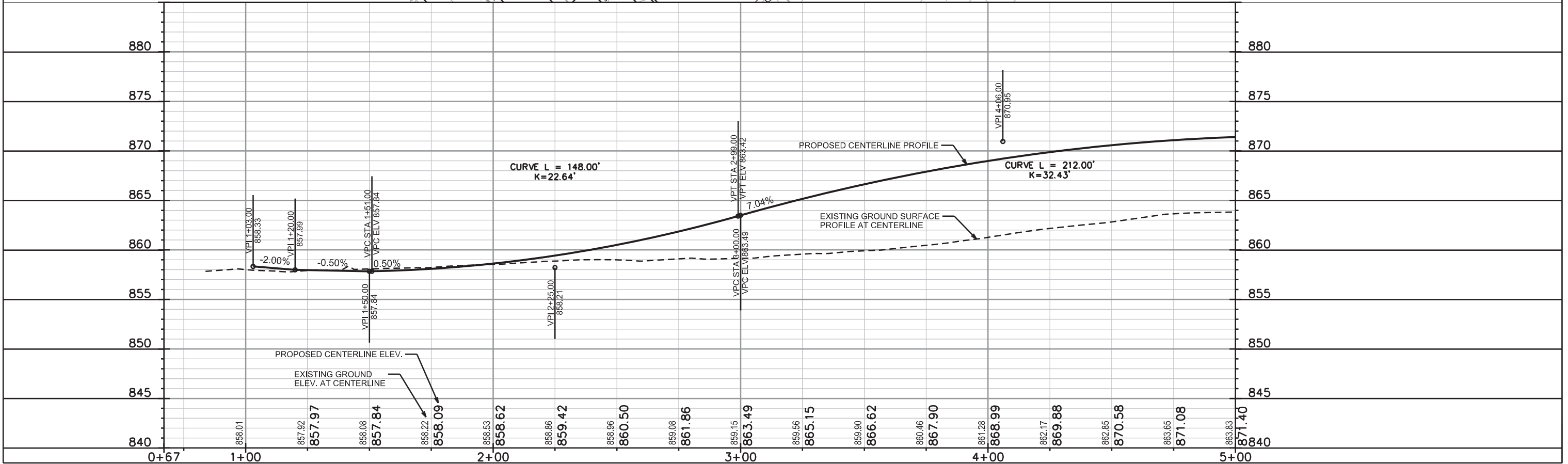
REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



NOTES:  
 1. SEE CITY PROJECT NO. 10217 FOR DESIGN OF NORTH SHERMAN AVENUE

2016 08-16 REVISION NOTES:  
 REMOVED STA. OFF. ELEV. CALLOUTS AT THE BACK OF SIDEWALK ADJACENT TO DRIVEWAYS. CURB OPENINGS WILL NOT BE INSTALLED FOR FUTURE DRIVEWAYS. DRIVEWAYS AND DRIVEWAY CURB OPENINGS WILL BE COMPLETED AS EACH HOME IS BUILT WITH STREET TERRACE PERMITS. CORRECTED LOT NUMBERING

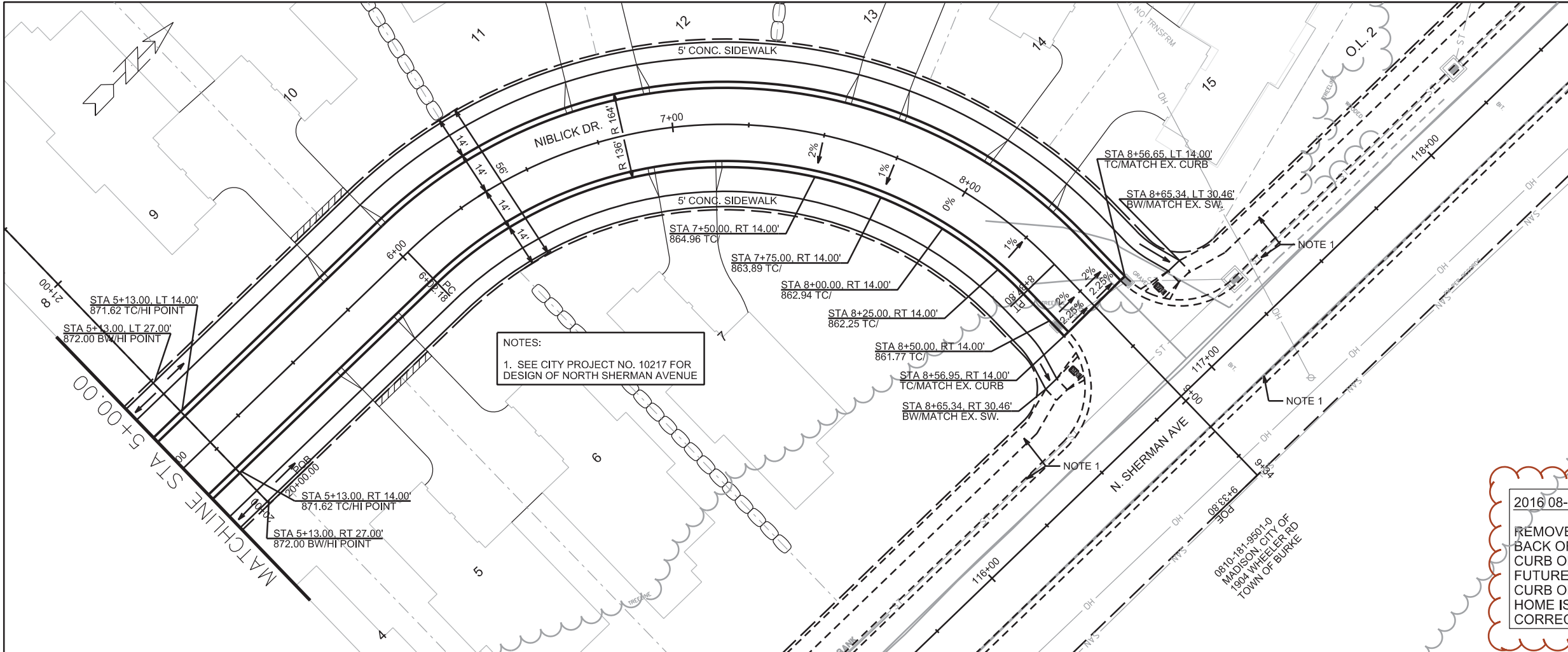


PLOT SCALE: \_\_\_\_\_

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

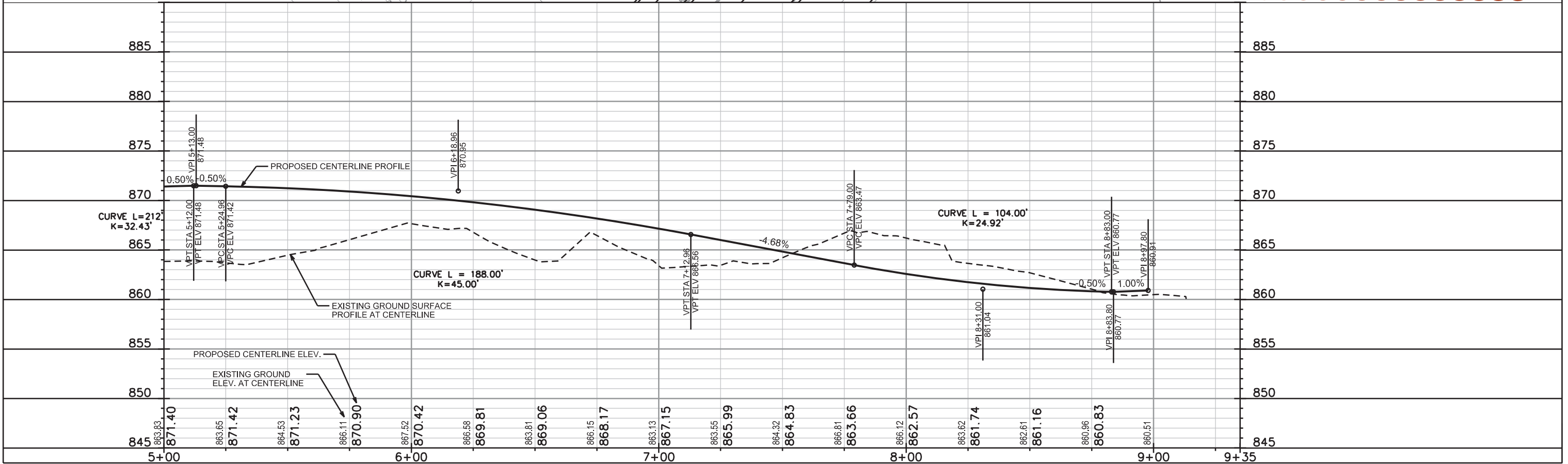
REV. DATE: \_\_\_\_\_

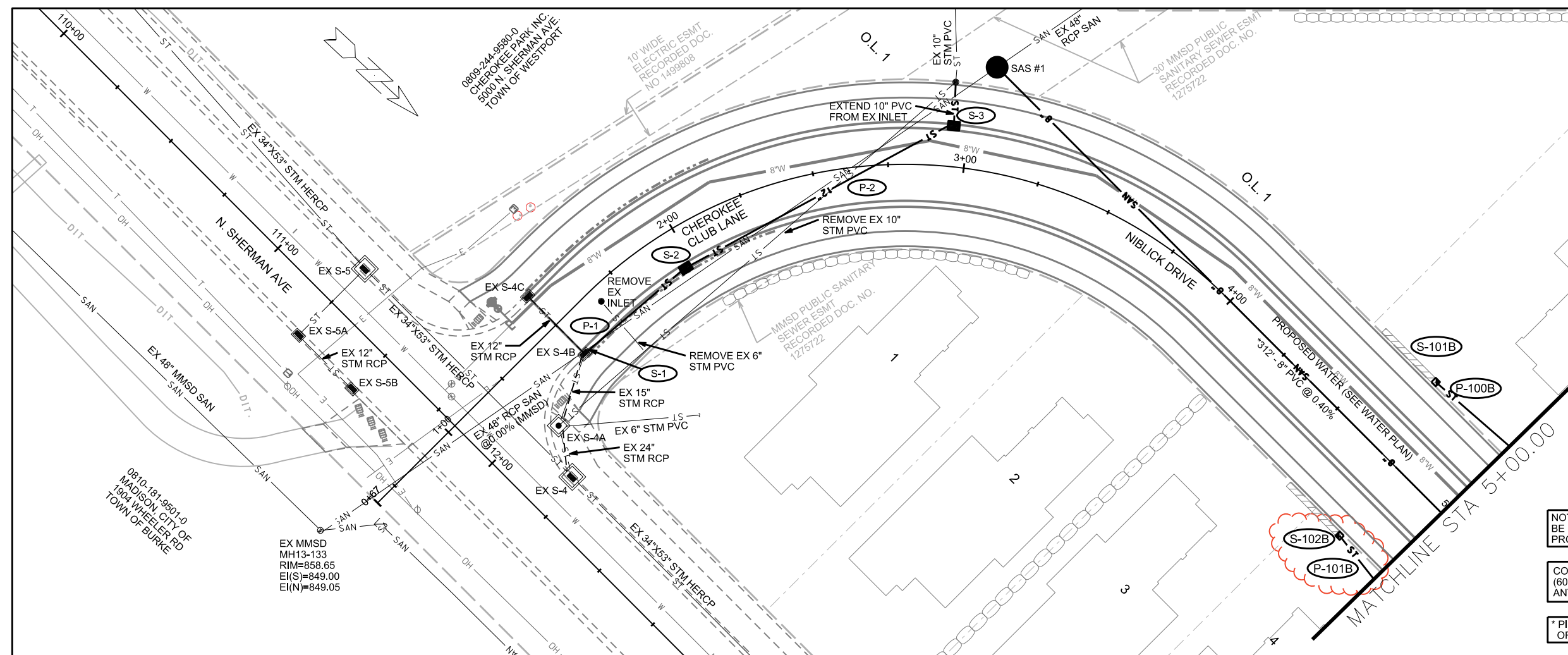
ORIGINATOR: CITY OF MADISON, STREETS DIVISION



**2016 08-16 REVISION NOTES:**

REMOVED STA. OFF. ELEV. CALLOUTS AT THE BACK OF SIDEWALK ADJACENT TO DRIVEWAYS. CURB OPENINGS WILL NOT BE INSTALLED FOR FUTURE DRIVEWAYS. DRIVEWAYS AND DRIVEWAY CURB OPENINGS WILL BE COMPLETED AS EACH HOME IS BUILT WITH STREET TERRACE PERMITS. CORRECTED LOT NUMBERING

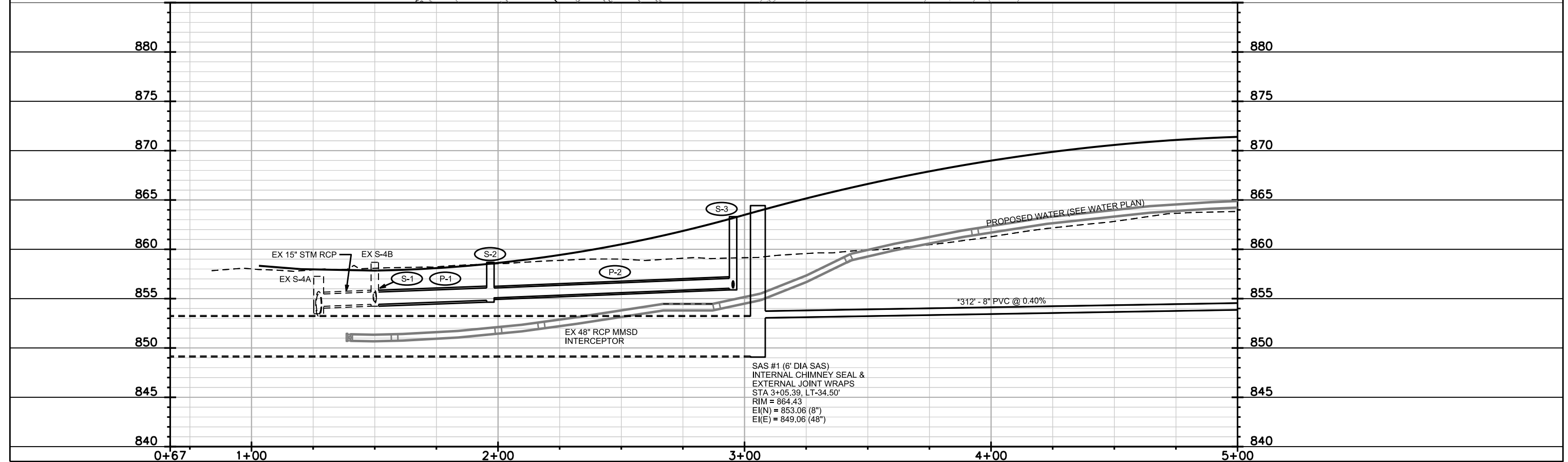


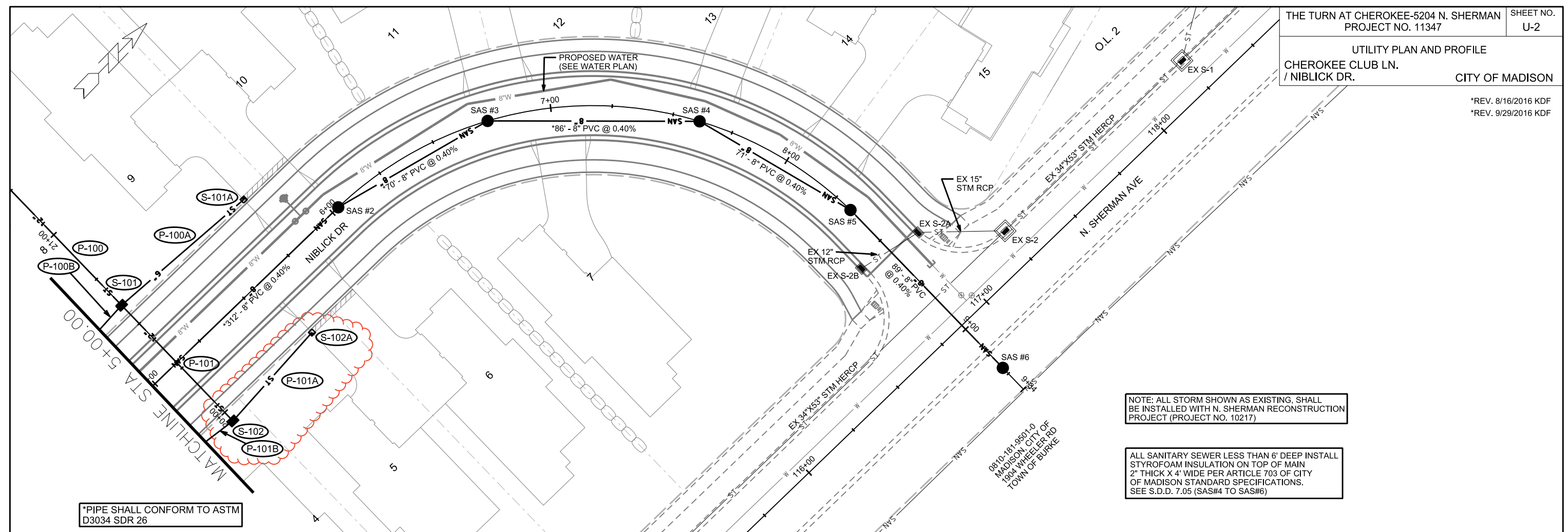


NOTE: ALL STORM SHOWN AS EXISTING, SHALL BE INSTALLED WITH N. SHERMAN RECONSTRUCTION PROJECT (PROJECT NO. 10217)

CONTRACTOR SHALL CONTACT RAY SCHNEIDER AT MMSD (608) 347-3628 OR RAYS@MADSEWER.ORG 5 DAYS PRIOR TO ANY WORK ON MMSD MAIN OR SAS#1.

\* PIPE SHALL CONFORM TO SPECIFICATIONS OF ASTM D3034 SDR-26

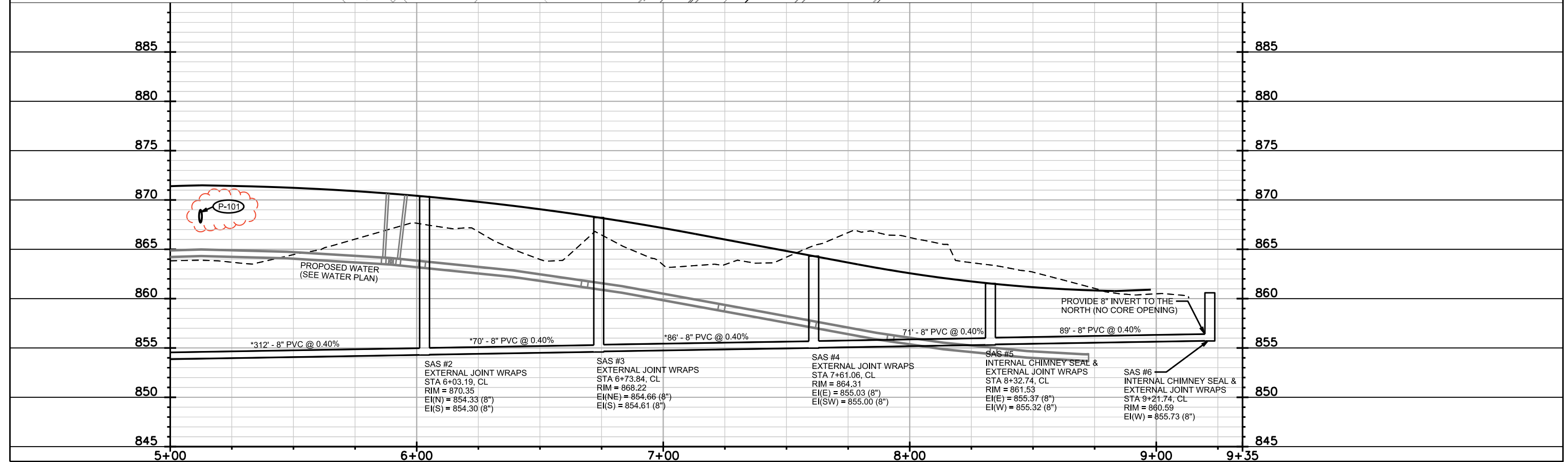




\*PIPE SHALL CONFORM TO ASTM  
D3034 SDR 26

NOTE: ALL STORM SHOWN AS EXISTING, SHALL  
BE INSTALLED WITH N. SHERMAN RECONSTRUCTION  
PROJECT (PROJECT NO. 10217)

ALL SANITARY SEWER LESS THAN 6' DEEP INSTALL  
STYROFOAM INSULATION ON TOP OF MAIN  
2" THICK X 4' WIDE PER ARTICLE 703 OF CITY  
OF MADISON STANDARD SPECIFICATIONS.  
SEE S.D.D. 7.05 (SAS#4 TO SAS#6)



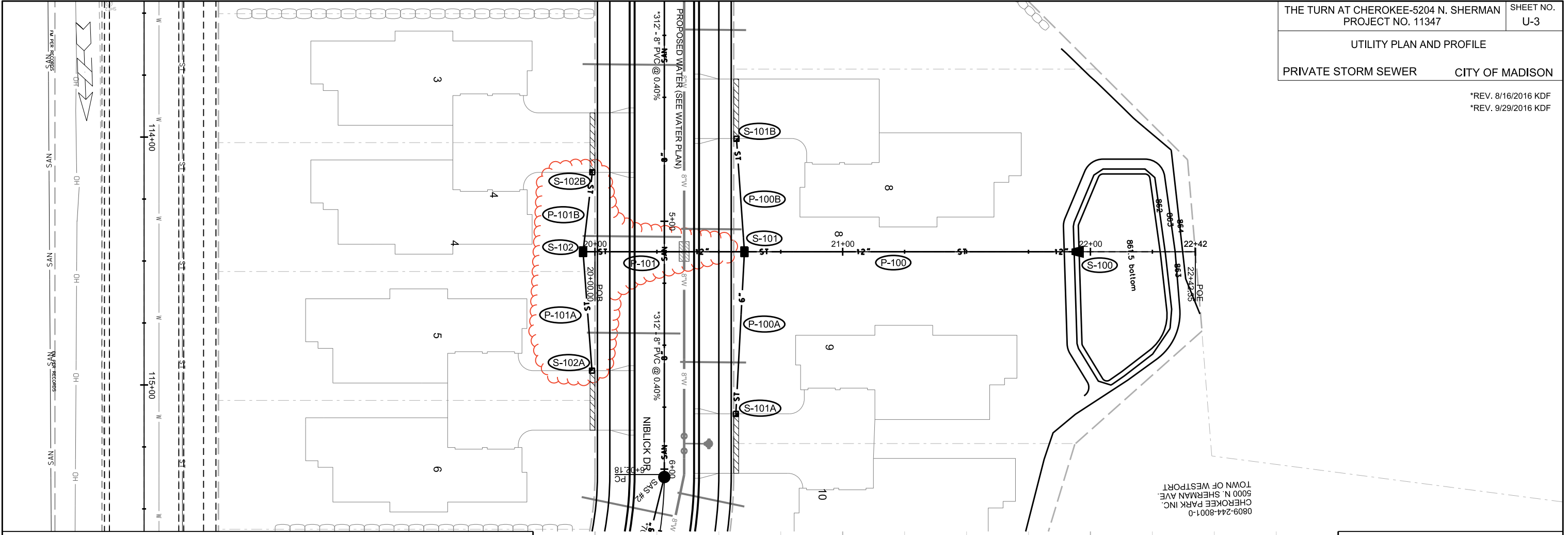
PROVIDE 8" INVERT TO THE  
NORTH (NO CORE OPENING)

PLOT SCALE:

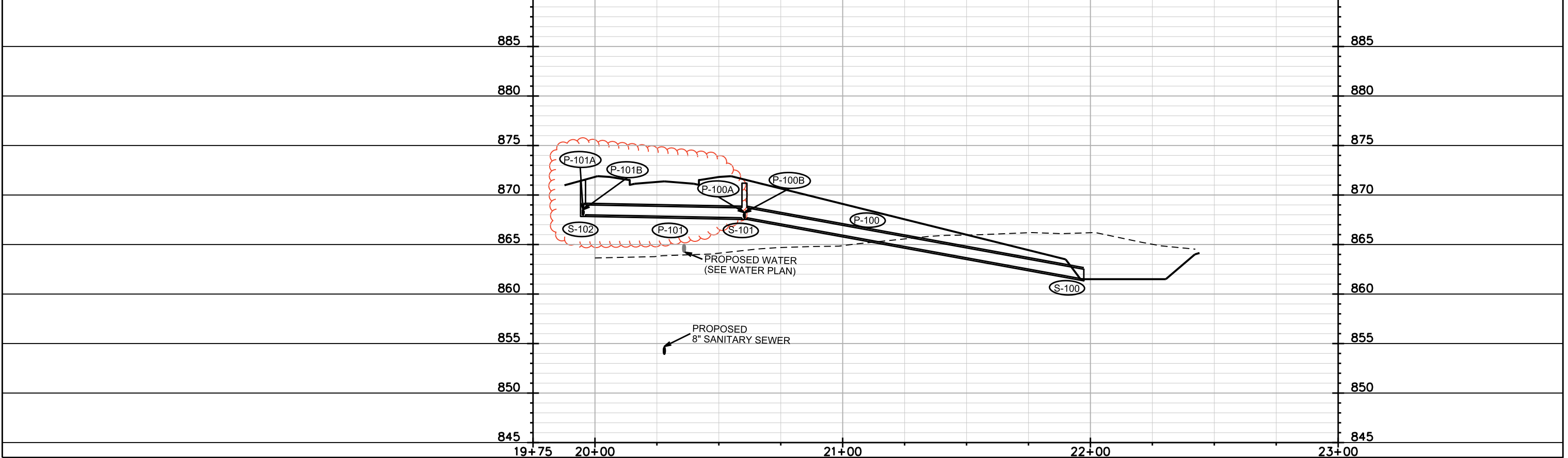
PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



0809-244-8001-0  
CHEROKEE PARK INC.  
5000 N. SHERMAN AVE.  
TOWN OF WESTPORT



PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



# SANITARY SEWER SCHEDULE

THE TURN AT CHEROKEE-5204 N. SHERMAN	SHEET NO.
PROJECT NO. 11347	U-4
SANITARY SEWER SCHEDULE	
CITY OF MADISON	

## PROPOSED SANITARY STRUCTURES

SAS NO.	STATION	LOCATION (OFFSET)	TOP OF CASTING	E.I.	DEPTH	NOTES
<b>NIBLICK DRIVE</b>						
SAS #1	3+05.39	LT-34.50	864.43	849.06	15.37	(1), (2), 6' DIA. SAS
SAS #2	6+03.19	CL	870.35	854.30	16.05	(2)
SAS #3	6+73.84	CL	868.22	854.61	13.61	(2)
SAS #4	7+61.06	CL	864.31	855.00	9.31	(2)
SAS #5	8+32.74	CL	861.53	855.32	6.21	(1), (2)
SAS #6	9+21.74	CL	860.59	855.73	4.86	(1), (2)

## PROPOSED SANITARY PIPES

FROM (DNSTM)	TO (UPSTM)	DWNSTRM E.I.	UPSTRM E.I.	PLAN (PAY) LGTH (FT)	SLOPE (%)	PIPE SIZE	PVC TYPE	NOTES
<b>NIBLICK DRIVE</b>								
SAS #1	SAS #2	853.06	854.30	312	0.40%	8"	SDR-26	-
SAS #2	SAS #3	854.33	854.61	70	0.40%	8"	SDR-26	-
SAS #3	SAS #4	854.66	855.00	86	0.40%	8"	SDR-26	-
SAS #4	SAS #5	855.03	855.32	71	0.40%	8"	SDR-35	-
SAS #5	SAS #6	855.37	855.73	89	0.40%	8"	SDR-35	-

## SPECIFIC NOTES

- (1) INSTALL INTERNAL CHIMNEY SEAL PER S.D.D. 5.7.17
- (2) INSTALL ENTENAL JOINT SEALS PER S.D.D. 5.7.2

# STORM SEWER SCHEDULE

\*REV. 8/16/2016 KDF

\*\*REV. 9/29/2016 KDF

THE TURN AT CHEROKEE-5204 N. SHERMAN PROJECT NO. 11347	SHEET NO. U-5
STORM SEWER SCHEDULE	
CITY OF MADISON	

## PROPOSED STORM STRUCTURES

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	E.I.	DEPTH	NOTES
<b>NIBLICK DR</b>							
S-1	1+50.00	RT-13.50	STM TAP	-	854.42	-	-
S-2	1+96.91	RT-13.50	H INLET	858.68	854.83	3.85	W/R-3067-7004-V
S-3	2+95.34	LT-13.50	H INLET	863.31	856.05	7.26	W/R-3067-7004-V; (1)
** S-101A	6+01.68 (N) 5+77.68 (S)	<b>LT-29.00</b>	TRENCH DRAIN	870.93 (N) 871.39 (S)	868.43	2.50	SEE SDD 5.7.36; (2)
** S-101B	4+66.62 (N) 4+42.62 (S)	<b>LT-29.00</b>	TRENCH DRAIN	871.47 (N) 871.93 (S)	868.97	2.50	SEE SDD 5.7.36; (2)
** S-102A	5+84.28 (N) 5+60.28 (S)	<b>RT-29.00</b>	TRENCH DRAIN	871.26 (N) 871.63 (S)	868.76	2.50	SEE SDD 5.7.36; (2)
** S-102B	4+80.27 (N) 4+56.27 (S)	<b>RT-29.00</b>	TRENCH DRAIN	871.47 (N) 871.93 (S)	868.97	2.50	SEE SDD 5.7.36; (2)
<b>STORM EASEMENT</b>							
* S-100	<b>21+97.34</b>	CL	12" RCP AE	-	861.50	-	END OF APRON STATIONED; (2)
* S-101	<b>20+60.34</b>	CL	H INLET	871.20	867.70	3.50	W/ R-1878-B7G; (2)
** S-102	<b>19+95.19</b>	CL	H INLET	871.50	868.00	3.50	W/ R-1878-B7G; (2)

## PROPOSED STORM PIPES

PIPE NO.	FROM (DNSTM)	TO (UPSTM)	DISCH. E.I.	INLET E.I.	PLAN (PAY) LGTH (FT)	PIPE LGTH (FT)	SLOPE (%)	PIPE SIZE	TYPE	NOTES
<b>NIBLICK DR</b>										
P-1	S-1	S-2	854.42	854.83	44	40.8	1.00%	15"	TYPE II	-
P-2	S-2	S-3	855.08	856.05	100	97.3	1.00%	12"	TYPE I	-
* P-100A	S-101	S-101A	867.70	868.43	<b>65.5</b>	<b>64</b>	<b>1.14%</b>	6"	TYPE II	(2)
* P-100B	S-101	S-101B	867.70	868.97	<b>45.5</b>	<b>44.2</b>	<b>2.87%</b>	6"	TYPE II	(2)
** P-101	S-101	S-102	867.70	868.00	<b>65</b>	<b>63</b>	<b>0.48%</b>	12"	TYPE I	(2)
** P-101A	S-102	S-102A	868.00	868.76	<b>49.5</b>	<b>47.8</b>	<b>1.59%</b>	6"	TYPE II	(2)
** P-101B	S-102	S-102B	868.00	868.76	<b>34</b>	<b>32.4</b>	<b>2.35%</b>	6"	TYPE II	(2)
<b>STORM EASEMENT</b>										
P-100	S-100	S-101	861.50	867.70	<b>137</b>	<b>136</b>	<b>4.56%</b>	12"	TYPE I	(2)

**NOTE:** PLAN LENGTH (PAY LENGTH) IS FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE. PIPE LENGTH IS ACTUAL LENGTH OF PIPE FROM STRUCTURE WALL TO STRUCTURE WALL. SLOPE CALCULATED USING PIPE LENGTH.

## STANDARD NOTES:

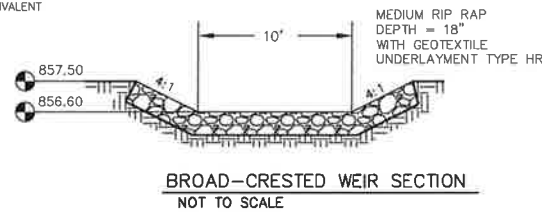
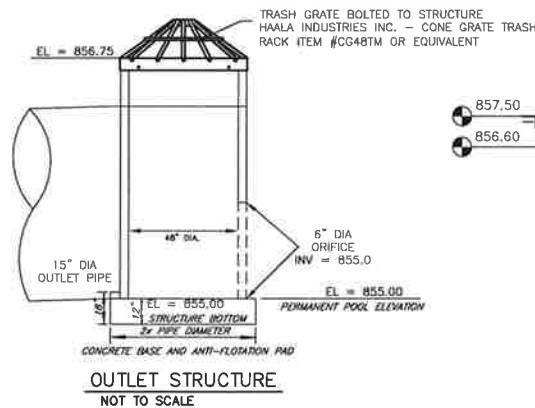
- ABBREVIATIONS: AE = APRON ENDWALL; RCP = REINFORCED CONCRETE PIPE; HERCP = HORIZONTAL ELLIPTICAL REINFORCED CONCRETE PIPE; DNA = DOES NOT APPLY; SAS = SEWER ACCESS STRUCTURE; LP = LOW POINT INLET STRUCTURE; FP = FIELD POURED STRUCTURE; TR = TOP OF CONCRETE ROOF; NCM = NO CROWN MATCH FOR PIPES; UD = UNDERDRAIN
- APPROXIMATE DISCHARGE E.I. GIVEN, ADJUST E.I. AND PIPE SLOPE IN THE FIELD.
- TOP OF CASTING GRADE GIVEN IS THE TOP OF CURB FOR INLET STRUCTURES AND THE FLOWLINE OF THE CLOSED CASTING FOR SAS's.
- TOP OF CONCRETE ROOF (TR) IS 1.25' BELOW TOP OF CASTING UNLESS OTHERWISE NOTED.
- ALL REINFORCED CONCRETE PIPES TO BE CLASS III UNLESS OTHERWISE NOTED.
- SURVEYOR TO CONFIRM THAT ALL INLET STATION / OFFSETS LINE UP WITH PROPOSED CURB AND GUTTER.
- ALL STRUCTURES CALLED OUT AS FIELD POURED SHALL BE FIELD POURED. ALL OTHER STRUCTURES (NOT INDICATED AS FIELD POURED) SHALL BE SUBMITTED TO CITY ENGINEERING FOR APPROVAL IF PRECAST STRUCTURES ARE PREFERRED. CONTACT KYLE FRANK OF CITY ENGINEERING AT (608) 266-4098 FOR PRECAST APPROVALS, FAX SHOP DRAWINGS TO (608)264-9275, OR EMAIL SHOP DRAWINGS TO KFRANK@CITYOFMADISON.COM.

## SPECIFIC NOTES

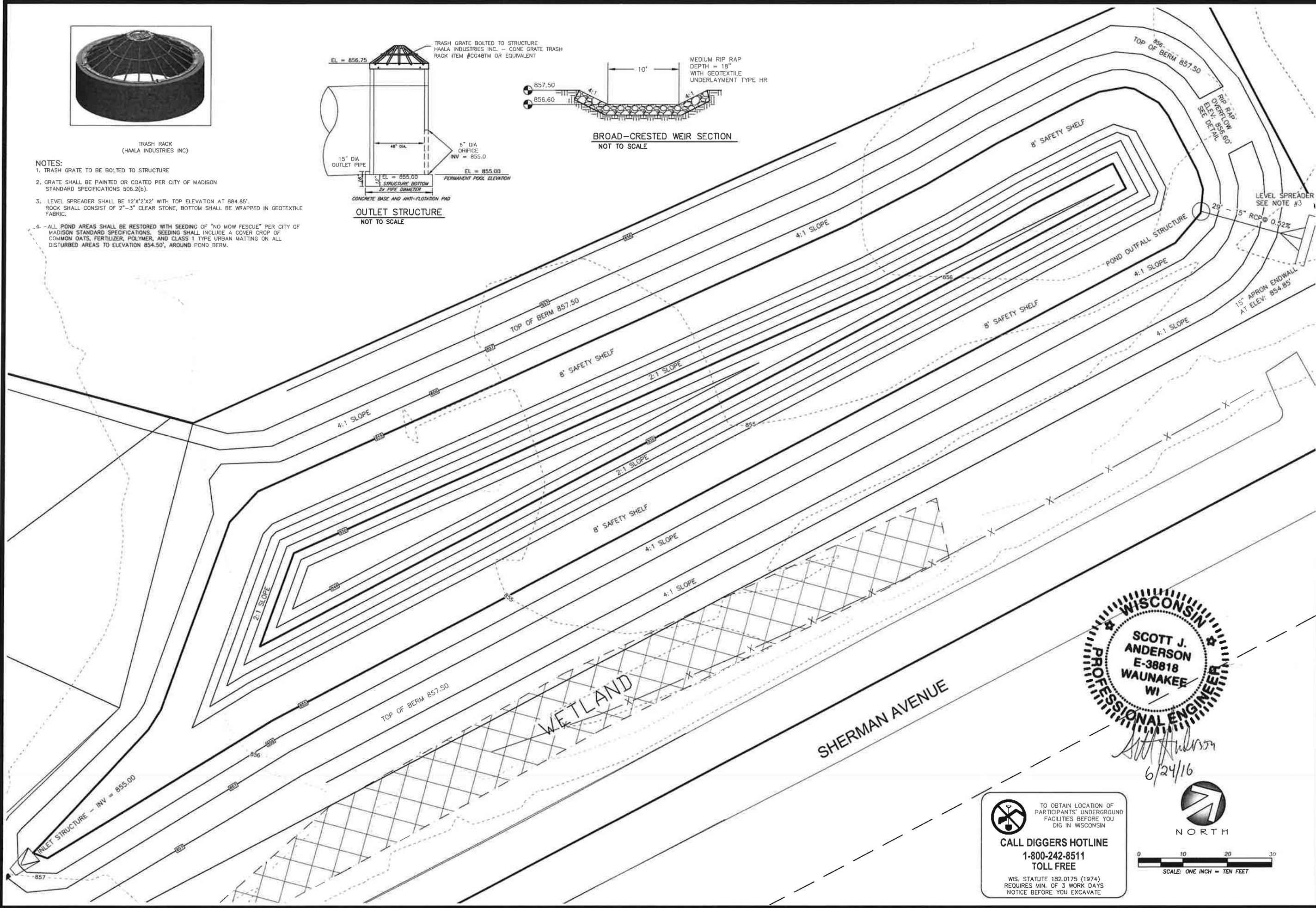
- (1) PRIVATE STORM SEWER RECONNECT TO BACK OF STRUCTURE
- (2) STRUCTURES ARE PRIVATELY OWNED BY CHEROKEE COUNTRY CLUB



TRASH RACK  
(HAALA INDUSTRIES INC)



- NOTES:
- TRASH GRATE TO BE BOLTED TO STRUCTURE
  - GRATE SHALL BE PAINTED OR COATED PER CITY OF MADISON STANDARD SPECIFICATIONS 506.2(b).
  - LEVEL SPREADER SHALL BE 12'X2'X2' WITH TOP ELEVATION AT 884.85'. ROCK SHALL CONSIST OF 2"-3" CLEAR STONE, BOTTOM SHALL BE WRAPPED IN GEOTEXTILE FABRIC.
  - ALL POND AREAS SHALL BE RESTORED WITH SEEDING OF "NO MOW FESCUE" PER CITY OF MADISON STANDARD SPECIFICATIONS. SEEDING SHALL INCLUDE A COVER CROP OF COMMON OATS, FERTILIZER, POLYMER, AND CLASS 1 TYPE URBAN MATTING ON ALL DISTURBED AREAS TO ELEVATION 854.50', AROUND POND BERM.



1	UPDATE: POND OUTFALL STRUCTURE	6/24/16	SJA
	REVISION	DATE	BY
	Engineer: SJA	Checked By: LO	Date: 4-20-16
	Technician: MW	Field Bk:	Pg:

THE TURN  
POND GRADING PLAN

MADISON, WISCONSIN

5010 VOGES ROAD  
MADISON, WISCONSIN 53718  
608-836-0444 | www.snyder-associates.com

**SNYDER & ASSOCIATES, INC.**

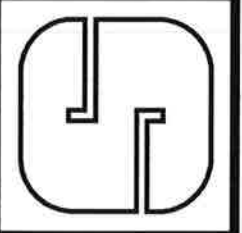


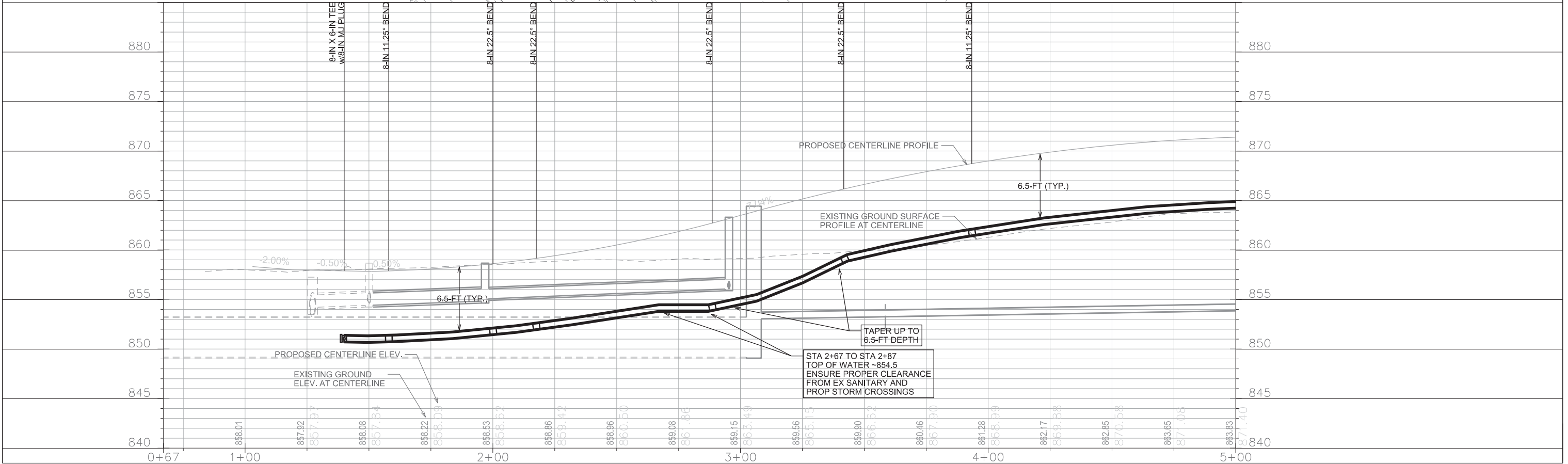
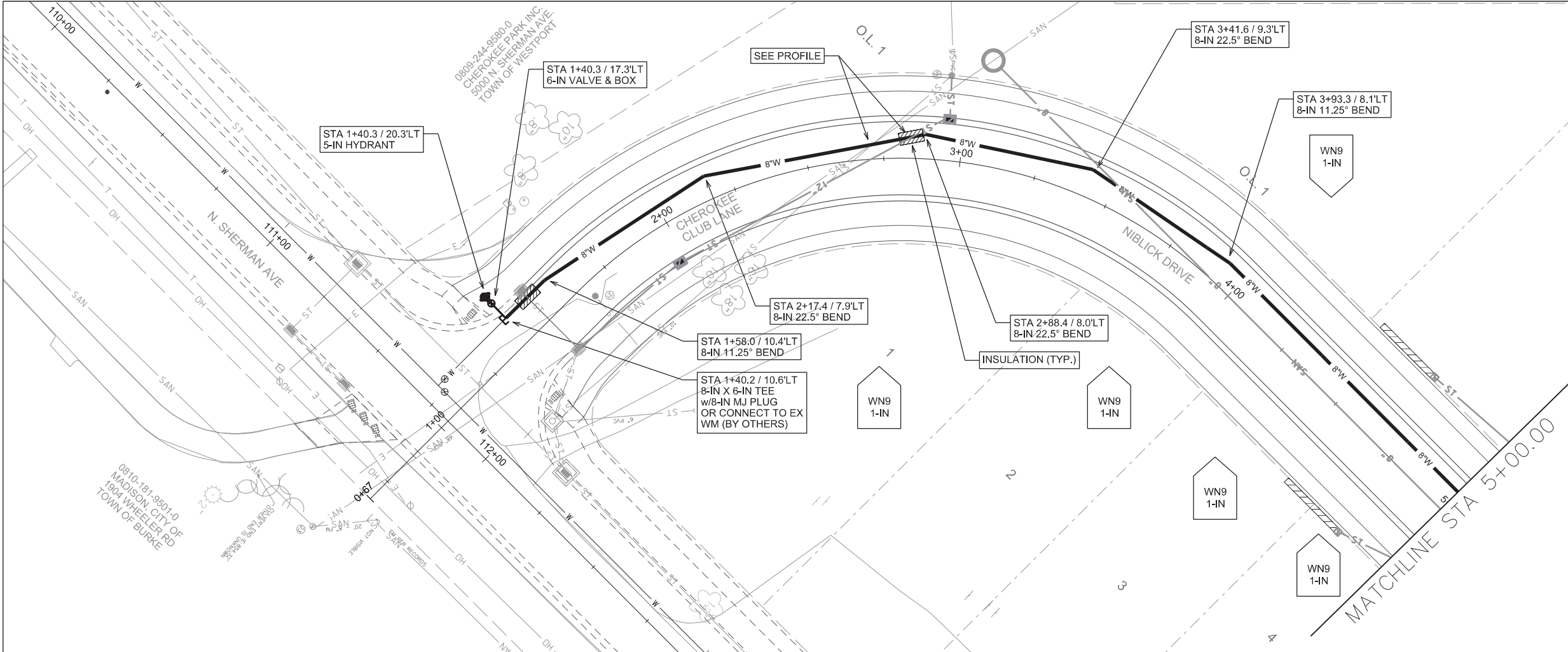
Scott J. Anderson  
6/24/16

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

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

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





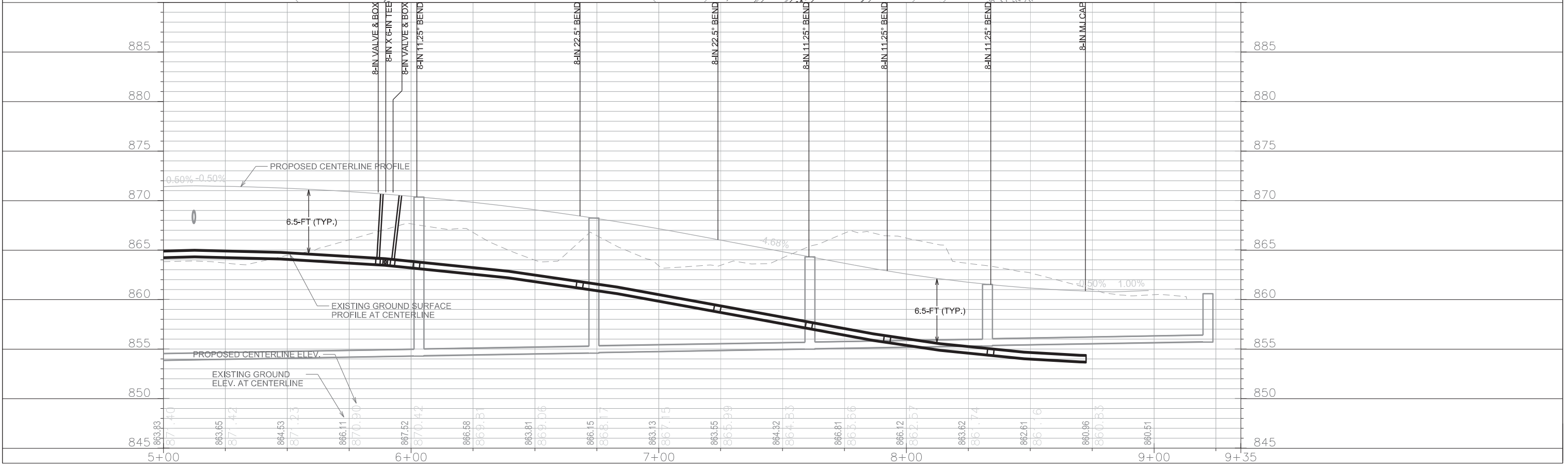
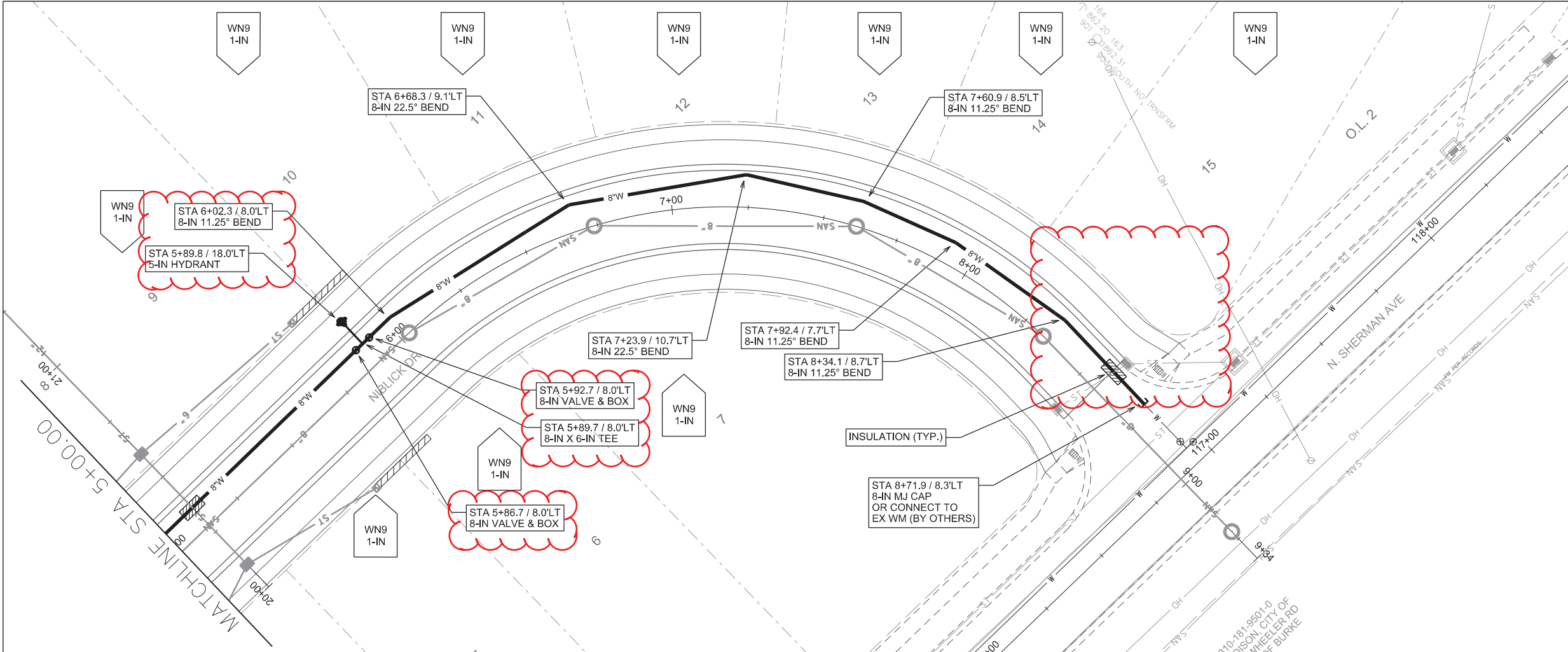
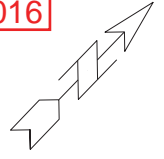
PLOT SCALE: \_\_\_\_\_

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

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

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

REVISION 1 - 08.16.2016



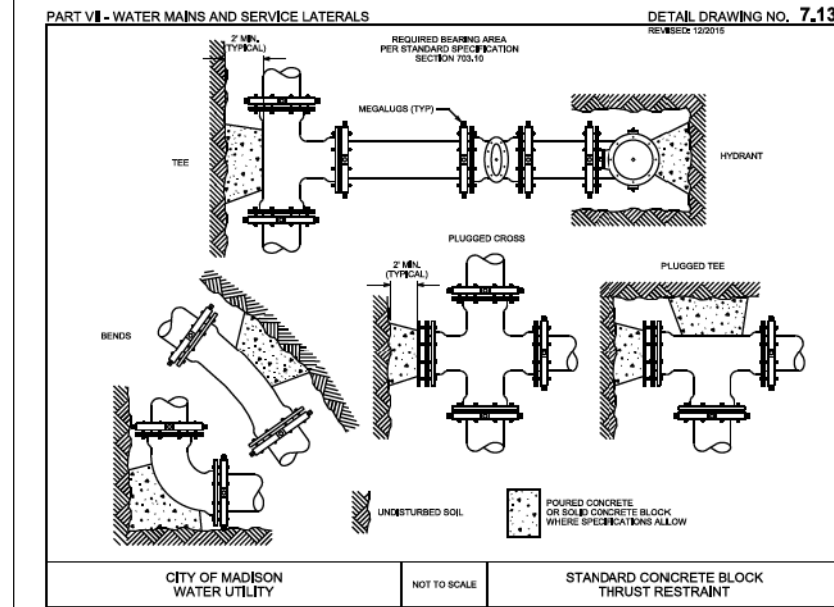
PLOT SCALE: \_\_\_\_\_  
 PLOT NAME: \_\_\_\_\_  
 REV. DATE: \_\_\_\_\_  
 ORIGINATOR: CITY OF MADISON, STREETS DIVISION

**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.

- 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

 INDICATES INSULATION AT STORM SEWER CROSSING



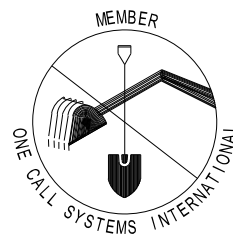
**ESTIMATE OF PROJECT MATERIALS:**

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

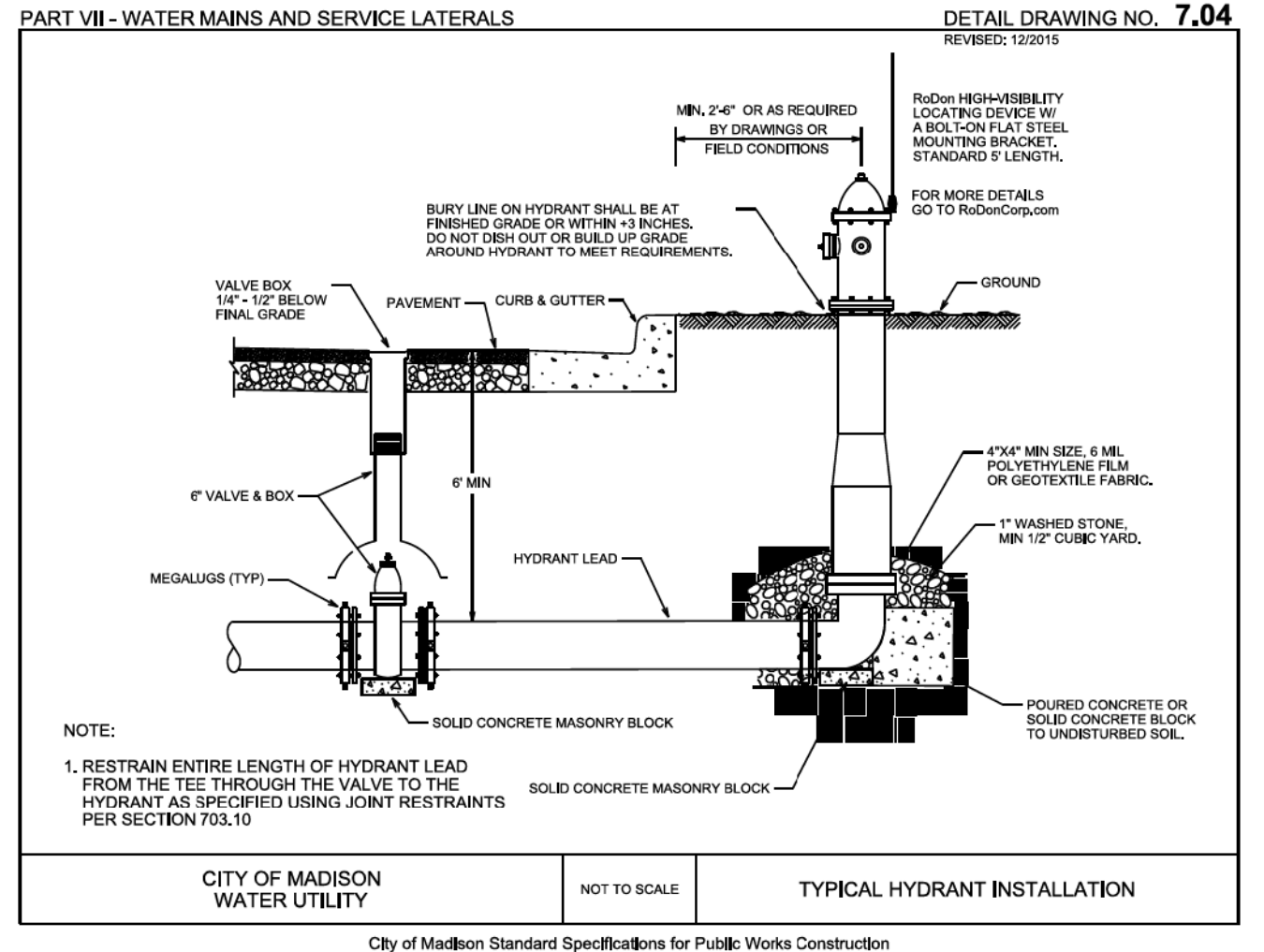
WATER MAIN AND FITTING MATERIALS	
6-IN PIPE (LF)	35
8-IN PIPE (LF)	760
POLY WRAP (LF)	880
6-IN VALVES & BOXES	2
8-IN VALVES & BOXES	2
8-IN X 6-IN TEES	3
8-IN 11.25° BENDS	6
8-IN 22.5° BENDS	5
8-IN MJ CAPS	1
8-IN MJ PLUGS	1
5-IN HYDRANTS	3
<b>MISC. MATERIALS</b>	
INSULATION (LF)	24
COPPER TUBING (1-IN TO 2-IN)	AS REQ

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