

**VILLAGE OF WINDSOR  
RESOLUTION 2018-72**

**ACCEPTANCE OF DEDICATION OF PUBLIC UTILITIES AND RELEASE OF  
LETTER OF CREDIT FOR  
BEAR TREE FARMS – TIMOTHY COURT**

**WHEREAS**, Bear Tree Farms, Inc. (the “Developer”) is developing property within the Village of Windsor referred to as Bear Tree Farms – Timothy Court (the “Development”) in accordance with a development agreement between it and the Village (the “Development Agreement”).

**WHEREAS**, the Development Agreement requires the Developer to construct certain public utilities (the “Public Utilities”) and dedicate them to the Village subject to the Village’s inspection and approval of same.

**WHEREAS**, the Development Agreement further requires the Developer to post a letter of credit with the Village to ensure the Developer’s obligations with respect to the Public Utilities are satisfied (the “Letter of Credit”), which the Developer has done.

**WHEREAS**, the Developer has constructed the Public Utilities in accordance with the construction plans described below and incorporated by reference herein (the “Construction Plans”) and desires to dedicate them to the Village and for the Village to release the Letter of Credit.

**WHEREAS**, the Village is willing to accept the dedication of the Public Utilities and release the Letter of Credit.

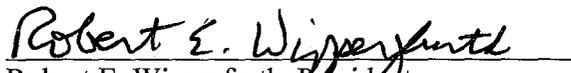
**NOW, THEREFORE, BE IT RESOLVED** by the Village Board of the Village of Windsor as follows:

- A. The following Public Utilities as dedicated to the Village by the Developer are hereby accepted, subject to the Developer’s warranty of same as set forth in the Development Agreement:
  - 1. The water mains serving Lots 1, 2, 3 and 4 of CSM No. 14444 as specifically described in the Construction Plans.
  - 2. The sanitary sewer mains serving Lots 1, 2, 3 and 4 of CSM No. 14444 as specifically described in the Construction Plans.
  
- B. The following Letter of Credit is hereby released:
  - 1. Irrevocable letter of credit No. 46154 dated April 7, 2017 from Wisconsin River Bank in the amount of \$80,400.00.
  
- C. The Developer may provide a copy of this Resolution and the attachments thereto to any third party requesting verification of the Village's release of the Letter of Credit.

- D. Notwithstanding this release of the Letter of Credit, the Developer shall remain obligated to timely satisfy all of the conditions imposed by the Village Board to which the Letter of Credit serves as a surety, and to provide satisfactory verification of compliance to the Village. Any necessary or requested reviews or submissions to the Village for determinations of compliance shall be made at least ten (10) business days prior to the date upon which verification of compliance is required.

The above and foregoing Resolution was duly adopted by the Village Board of the Village of Windsor, Dane County, Wisconsin at a meeting held on September 20, 2018 by a vote of 4 in favor and 0 opposed.

**VILLAGE OF WINDSOR**

  
Robert E. Wipperfurth, President

*Attested by:*

  
Christine Capstran, Clerk

Incorporated by Reference:

Construction Plans for Yahara River Learning Center from Snyder & Associates, Inc. dated 10-27-2016, last updated 3-1-17.

September 4, 2018

Mr. Jamie Rybarczyk  
Deputy Administrator/Village of Windsor  
4084 Mueller Road  
DeForest, WI 53532

***Subject: Bear Tree Farms Timothy Court – Letter of Credit Release***

Dear Mr Rybarczyk:

Windsor Sanitary District No. 1 (District) entered into a Developer's Agreement with Bear Tree Farms Inc., for the construction of various water and sanitary sewer improvements for the development of Bear Tree Farms Timothy Court.

The water and sanitary sewer improvements included water and sanitary sewer infrastructure west of Pederson Crossing and south of Windsor Road that included approximately 260' of sanitary sewer to serve all of the lots along Timothy Court, along with minor water main improvements to allow construction of the DeForest Daycare (Yahara River Learning Center).

The water and sanitary sewer infrastructure improvements have been installed in accordance with approved DNR plans and in accordance with the District's policies and procedures. We are in possession of "record drawings" for the completed work and have confirmed with Utility staff that no "punch list or warranty issues" are outstanding or remain to be completed.

Based on the above we find it acceptable for the Village of Windsor to release the existing letter of credit being held for the District for the Bear Tree Farms – Timothy Court water and sanitary sewer improvements.

Sincerely,

BAXTER & WOODMAN, INC.  
CONSULTING ENGINEERS



Gerald D. Groth, P.E.

# IRREVOCABLE LETTER OF CREDIT

**Borrower:** Bear Tree Farms, Inc.  
370 Campbell Hill Court  
DeForest, WI 53532

**Lender:** Wisconsin River Bank  
Sauk City Location  
608 Phillips Blvd.  
P.O. Box 636  
Sauk City, WI 53583-0636

**Beneficiary:** Villaga of Windsor Utility District No. 1 f/k/a Windsor Sanitary District No. 1  
6716 Park St.  
Windsor, WI 53598

**NO.: 46154**

**EXPIRATION DATE.** This letter of credit shall expire upon the earlier of the close of business on 10-31-2018 and all drafts and accompanying statements or documents must be presented to Lender on or before that time, or the day that Lender honors a draw under which the full amount of this Letter of Credit has been drawn (the "Expiration Date").

**AMOUNT OF CREDIT.** Lender hereby establishes at the request and for the account of Borrower, an Irrevocable Letter of Credit in favor of Beneficiary for a sum of Eighty Thousand Four Hundred & 00/100 Dollars (\$80,400.00) (the "Letter of Credit"). These funds shall be made available to Beneficiary upon Lender's receipt from Beneficiary of sight drafts drawn on Lender at Lender's address indicated above (or other such address that Lender may provide Beneficiary in writing) during regular business hours and accompanied by the signed written statements or documents indicated below.

**WARNING TO BENEFICIARY: PLEASE EXAMINE THIS LETTER OF CREDIT AT ONCE. IF YOU FEEL UNABLE TO MEET ANY OF ITS REQUIREMENTS, EITHER SINGLY OR TOGETHER, YOU SHOULD CONTACT BORROWER IMMEDIATELY TO SEE IF THE LETTER OF CREDIT CAN BE AMENDED. OTHERWISE, YOU WILL RISK LOSING PAYMENT UNDER THIS LETTER OF CREDIT FOR FAILURE TO COMPLY STRICTLY WITH ITS TERMS AS WRITTEN.**

**DRAFT TERMS AND CONDITIONS.** Lender shall honor drafts submitted by Beneficiary under the following terms and conditions: Lender shall honor drafts submitted by Beneficiary under the following terms and conditions: Drafts will be honored within three banking days when official demand has been made by the Town of Windsor or the Village of Windsor Utility District No. 1 f/k/a Windsor Sanitary District No. 1, the borrower has defaulted on agreement to undertake development by and between Village of Windsor Utility District No. 1 f/k/a Windsor Sanitary District No. 1 and Bear Tree Farms, Inc.

Upon Lender's honor of such drafts, Lender shall be fully discharged of Lender's obligations under this Letter of Credit and shall not be obligated to make any further payments under this Letter of Credit once the full amount of credit available under this Letter of Credit has been drawn.

Beneficiary shall have no recourse against Lender for any amount paid under this Letter of Credit once Lender has honored any draft or other document which complies strictly with this Letter of Credit, and which on its face appears otherwise in order but which is signed, issued, or presented by a party or under the name of a party purporting to act for Beneficiary, purporting to claim through Beneficiary, or posing as Beneficiary without Beneficiary's authorization. By paying an amount demanded in accordance with this Letter of Credit, Lender makes no representation as to the correctness of the amount demanded and Lender shall not be liable to Beneficiary, or any other person, for any amount paid or disbursed for any reason whatsoever, including, without limitation, any nonapplication or misapplication by Beneficiary of the proceeds of such payment. By presenting upon Lender or a confirming bank, Beneficiary certifies that Beneficiary has not and will not present upon the other, unless and until Beneficiary meets with dishonor. Beneficiary promises to return to Lender any funds received by Beneficiary in excess of the Letter of Credit's maximum drawing amount.

**USE RESTRICTIONS.** All drafts must be marked "DRAWN UNDER Wisconsin River Bank IRREVOCABLE LETTER OF CREDIT NO. 46154 DATED 04-05-2017," and the amount of each draft shall be marked on the draft. Only Beneficiary may complete a draft and accompanying statements or documents required by this Letter of Credit and make a draw under this Letter of Credit. This original Letter of Credit must accompany any draft drawn hereunder.

Partial draws are permitted under this Letter of Credit. Lender's honor of a partial draw shall correspondingly reduce the amount of credit available under this Letter of Credit. Following a partial draw, Lender shall return this original Letter of Credit to Beneficiary with the partial draw noted hereon; in the alternative, and in its sole discretion, Lender may issue a substitute Letter of Credit to Beneficiary in the amount shown above, less any partial draw(s).

**PERMITTED TRANSFEREES.** The right to draw under this Letter of Credit shall be nontransferable, except for:

- A. A transfer (in its entirety, but not in part) by direct operation of law to the administrator, executor, bankruptcy trustee, receiver, liquidator, successor, or other representative at law of the original Beneficiary; and
- B. The first immediate transfer (in its entirety, but not in part) by such legal representative to a third party after express approval of a governmental body (judicial, administrative, or executive).

**TRANSFEREES REQUIRED DOCUMENTS.** When the presenter is a permitted transferee (i) by operation of law or (ii) a third party receiving transfer from a legal representative, as described above, the documents required for a draw shall include a certified copy of the one or more documents which show the presenter's authority to claim through or to act with authority for the original Beneficiary.

**COMPLIANCE BURDEN.** Lender is not responsible for any impossibility or other difficulty in achieving strict compliance with the requirements of this Letter of Credit precisely as written. Beneficiary understands and acknowledges: (i) that unless and until the present wording of this Letter of Credit is amended with Lender's prior written consent, the burden of complying strictly with such wording remains solely upon Beneficiary, and (ii) that Lender is relying upon the lack of such amendment as constituting Beneficiary's initial and continued approval of such wording.

**NON-SEVERABILITY.** If any aspect of this Letter of Credit is ever declared unenforceable for any reason by any court or governmental body having jurisdiction, Lender's entire engagement under this Letter of Credit shall be deemed null and void ab initio, and both Lender and Beneficiary shall be restored to the position each would have occupied with all rights available as though this Letter of Credit had never occurred. This non-severability provision shall override all other provisions in this Letter of Credit, no matter where such provision appears within this Letter of Credit.

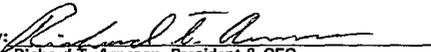
**GOVERNING LAW.** This Agreement will be governed by federal law applicable to Lender and, to the extent not preempted by federal law, the laws of the State of Wisconsin without regard to its conflicts of law provisions, and except to the extent such laws are inconsistent with the 2007 Revision of the Uniform Customs and Practice for Documentary Credits of the International Chamber of Commerce, ICC Publication No. 600. This Agreement has been accepted by Lender in the State of Wisconsin.

**EXPIRATION.** Lender hereby agrees with Beneficiary that drafts drawn under and in compliance with the terms of this Letter of Credit will be duly honored if presented to Lender on or before the Expiration Date unless otherwise provided for above.

Dated: April 7, 2017

**LENDER:**

**WISCONSIN RIVER BANK**

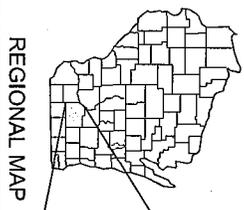
By:   
Richard F. Arneson, President & CEO

**ENDORSEMENT OF DRAFTS DRAWN:**

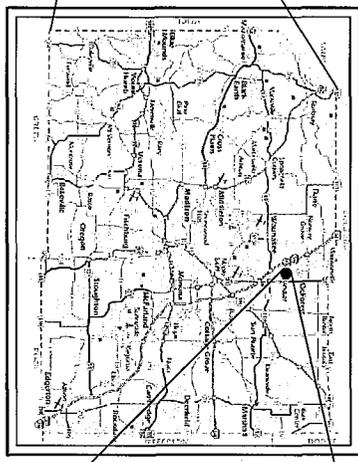
Date	Negotiated By	Amount In Words	Amount In Figures
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# YAHARA RIVER LEARNING CENTER

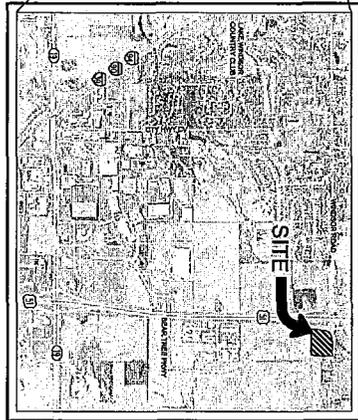
SECTION 28, TOWNSHIP 9E, RANGE 10N



REGIONAL MAP



DANE COUNTY  
DANE COUNTY, WISCONSIN



SITE LOCATION MAP  
VILLAGE OF DEFOREST,  
DANE COUNTY, WISCONSIN

SHEET #	TITLE SHEET	SHEET TITLE
G.10	NOTES	NOTES
G.11	NOTES	NOTES
G.12	NOTES	NOTES
G.13	NOTES	NOTES
C.10	OVERALL SITE PLAN	OVERALL SITE PLAN
C.11	SITE & UTILITY PLAN	SITE & UTILITY PLAN
C.12	SITE & UTILITY PLAN	SITE & UTILITY PLAN
C.13	OVERALL GRADING PLAN	OVERALL GRADING PLAN
C.14	SITE GRADING PLAN	SITE GRADING PLAN
C.15	EROSION CONTROL PLAN	EROSION CONTROL PLAN
C.16	TIMOTHY COURT PLAN / PROFILE	TIMOTHY COURT PLAN / PROFILE
C.17	SANITARY SEWER PLAN / PROFILE	SANITARY SEWER PLAN / PROFILE
C.18	PEDERSON CROSSING BLVD. PLAN	PEDERSON CROSSING BLVD. PLAN
C.19	PEDERSON CROSSING BLVD. PLAN	PEDERSON CROSSING BLVD. PLAN
C.110	PEDERSON CROSSING BLVD. PLAN	PEDERSON CROSSING BLVD. PLAN
C.20	EROSION CONTROL DETAILS	EROSION CONTROL DETAILS
C.21	EROSION CONTROL DETAILS	EROSION CONTROL DETAILS
C.22	MISCELLANEOUS DETAILS	MISCELLANEOUS DETAILS
C.23	WATER DETAILS	WATER DETAILS
C.24	SANITARY SEWER DETAILS	SANITARY SEWER DETAILS
C.25	STORM SEWER DETAILS	STORM SEWER DETAILS
C.26	STORM SEWER DETAILS	STORM SEWER DETAILS
C.27	DETENTION AND INFILTRATION BASIN DETAILS	DETENTION AND INFILTRATION BASIN DETAILS
C.28	MISC. DETAILS	MISC. DETAILS
C.29	MISC. DETAILS	MISC. DETAILS
C.2.10	MISC. DETAILS	MISC. DETAILS

**BENCHMARK "A"**  
TOP NUT OF HYDRANT AT THE SOUTHWEST CORNER OF WINDSOR ROAD AND PEDERSON CROSSING BLVD. ELEVATION = 959.74

**BENCHMARK "B" (TO BE REMOVED)**  
TOP NUT OF HYDRANT ON THE WEST SIDE OF PEDERSON CROSSING BLVD. ELEVATION = 960.03

**CAUTION:**  
CERTAIN UNDERGROUND UTILITIES HAVE BEEN LOCATED ON THE PLANS. THESE LOCATIONS SHALL NOT BE TAKEN AS CONCLUSIVE VERIFICATION TO THE SATISFACTION OF THE CONTRACTOR OF ALL UNDERGROUND UTILITIES, WHETHER SHOWN ON THE DRAWING OR NOT, SHALL BE ASSUMED AS A CONDITION OF THE CONTRACT.

TO OBTAIN LOCATION OF  
PARTICIPATE UNDERGROUND  
UTILITIES IN WISCONSIN  
CALL DIGGERS HOTLINE  
1-800-242-8511  
TOLL FREE  
FOR THE FULL 24 HOURS  
REQUEST CALL OF 2 WEEK ADVANCE  
NOTICE BEFORE YOU DIG!

VILLAGE COMMENTS	12/7/16 BCA	
PLAN UPDATES	12/15/16 BCA	
LOT LAYOUT & VILLAGE STANDARDS	1/8/17 BCA	
CUL-DE-SAC LENGTH	1/16/17 BCA	
VILLAGE COMMENTS	2/16/17 BCA	
VILLAGE COMMENTS	3/7/17 BCA	
REVISION	DATE BY	
Engineer: MLC	Checked By: BCA	Scale: NOTED
Technician: MW	Date: 10-27-2016	Field Bk: Pg.
File Location:	PROJECT NUMBER: 116.0117.30	

**YAHARA RIVER LEARNING CENTER**  
TITLE SHEET  
VILLAGE OF DEFOREST, WI

**SNYDER & ASSOCIATES, INC.**  
6010 VOGES ROAD  
MADISON, WISCONSIN 53718  
608-838-0444 | www.snyder-associates.com

G.10

# CONSTRUCTION SEQUENCE

1. INSTALL AND MAINTAIN THE TEMPORARY GRAVEL CONSTRUCTION ENTRANCE/EXITS AS DESIGNED IN THE DANE COUNTY EROSION CONTROL AND STORMWATER MANAGEMENT MANUAL. ADDITIONALLY INSTALL CONSTRUCTION EQUIPMENT PARKING AREAS. STABILIZE BARE SOIL IN THE LOCATION SHOWN ON THE GRADING AND EROSION CONTROL PLAN. THE ENTRANCE/EXITS SHALL BE INSTALLED AND MAINTAINED WITHIN THE TEMPORARY ACCESS PADS BECOMES COVERED WITH SOIL OR IF SIGNIFICANT QUANTITIES OF SOIL ARE TRACKED ONTO THE EXISTING ROADWAY THEN ADDITIONAL AGGREGATE WILL BE INSTALLED TO ALLOW THE ENTRANCE/EXITS TO FUNCTION PROPERLY.
2. INSTALL EROSION AND SEDIMENT CONTROL BARRIERS (SILT FENCE) IMMEDIATELY UPSTREAM OF AREAS TO BE DISTURBED DURING CONSTRUCTION AS SHOWN ON THE APPROVED GRADING PLAN. THE BARRIERS MUST BE INSTALLED PARALLEL TO THE SITE BOUNDARIES TO THE EXTENT PRACTICABLE WITH THE EXISTING USURFACE ONE TO TWO FEET TO PREVENT FLANKING OF THE RUNOFF. AT NO TIME FROM THE START OF ROAD GRADING UNTIL THE STABILIZATION SHALL AN UNBROKEN SLOPE EXIST BETWEEN DISTURBED AREAS AND THE RECEIVING AREAS. ROAD GRADING SHALL BE COMPLETED IMMEDIATELY AND ALL OTHER EROSION CONTROL MEASURES ON THE SITE.
3. STRIP TOPSOIL FROM THE AREAS OF THE SITE THAT WILL BE GRADED WITHIN 48 HOURS. ANY AREAS THAT WILL NOT BE IMMEDIATELY GRADED SHALL BE PROTECTED WITH A SILT FENCE. THE TOPSOIL SHALL BE STORED IN PILES AND HAVE SILT FENCE PLACED ON AT LEAST 25 FEET AWAY FROM ANY DOWNHILL STREET, DRIVEWAY, OR DITCH. PILES OF TOPSOIL SHALL BE COVERED WITH A SILT FENCE PLACED ON INACTIVE FOR MORE THAN 7 DAYS WILL BE STABILIZED IMMEDIATELY WITH SEED AND MULCH.
4. GRADING WILL BE PHASED TO THE EXTENT PRACTICABLE TO LIMIT THE AMOUNT OF THE EXPOSED SOIL AT ANY ONE TIME AND TO PROVIDE A BUFFER BETWEEN THE GRADED AREAS AND THE RECEIVING WATERS. THE INTENT OF THESE GRADING RESTRICTIONS IS TO PROVIDE AN UNDISTURBED BUFFER AREA ALLOWING ADDITIONAL EROSION AND SEDIMENTATION PROTECTION DURING CONSTRUCTION.
5. TOPSOIL, SEED AND MULCH ALL AREAS WHICH ARE AT FINAL GRADE AND WHICH WILL NOT BE DISTURBED DURING SUBSEQUENT PHASES OF CONSTRUCTION. ANY AREAS LEFT INACTIVE FOR MORE THAN 7 DAYS MUST BE STABILIZED IMMEDIATELY.
6. INSTALL SANITARY SEWER, WATER MAIN & STORM SEWER.
7. COMPLETE FINAL GRADING FOR PARKING LOT & ROADWAY AND STABILIZE WITH GRAVEL.
8. COMPLETE FINAL GRADE OF THE SITE.
9. UTILITY TRENCHES SHALL BE FILLED WITH SUITABLE BACKFILL MATERIAL AND COMPACTED AS NEEDED. TOPSOIL SHALL BE REPLACED, FERTILIZED, SEEDING AND PROTECTED AS CALLED FOR BELOW IN ITEMS 11 AND 12. UTILITY CONSTRUCTION SHALL BE COORDINATED WITH OTHER GRADING ACTIVITIES SO THAT RESTORATION CAN BE COMPLETED AS SOON AS POSSIBLE AFTER CONSTRUCTION.
10. WITHIN 7 DAYS OF THE COMPLETION OF FINAL GRADING, A MINIMUM OF 4 INCHES OF TOPSOIL SHALL BE REPLACED ON ALL DISTURBED SURFACES THAT ARE TO BE REVEGETATED. TOPSOIL SHALL BE UNIFORMLY PLACED, GRADED SMOOTH AND SCARIFIED FOR SEEDING.
11. FERTILIZE ALL AREAS TO BE SEEDING OR SOEDD WITH EQUIPS PER ACRE OF 16-8-8 (MINIMUM). INCORPORATE THE FERTILIZER INTO THE SOIL BY SCARIFYING AS INDICATED ABOVE IN ITEM 11. SEED ALL DISTURBED AREAS WITH THE FOLLOWING SEEDING MIXTURE:  
 30.50 LBS/ACRE OF KENTUCKY BLUEGRASS  
 17.50 LBS/ACRE OF HARD FESCUE  
 22.00 LBS/ACRE OF PERENNIAL RYE GRASS

THE OWNER RESERVES THE RIGHT TO REVISE THE SEEDING MIXTURE SUBJECT TO APPROVAL BY THE VILLAGE OF DEFOREST. SEED MAY BE SUBSTITUTED FOR SEEDS ON ALL AREAS TO BE SEEDING AND IS RECOMMENDED FOR ALL AREAS WITH SLOPES OF 3:1 OR STEEPER.

MULCH ALL SEEDING AREAS WITH 1.5 TONS PER ACRE OF CLEAN STRAW. STRAW SHALL BE ANCHORED IN PLACE WITH SUITABLE EQUIPMENT OR STAKING WITH TWINE.

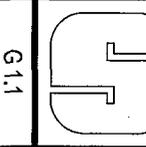
FOR AREAS ON WHICH GRADING IS COMPLETED AFTER SEPTEMBER 30, TEMPORARY SEED SHALL INCLUDE A SOIL STABILIZING POLYMER AND COVER CROP OF WINTER RYE (AT A RATE OF 75#/ACRE) AND MUST BE APPLIED AS SOON AS THESE AREAS REACH THEIR FINAL GRADE. ADDITIONAL EROSION CONTROL BARRIERS MAY BE NEEDED TO PREVENT EROSION OF AREAS THAT ARE NOT YET GRADED. THESE BARRIERS SHALL BE MAINTAINED AND REPAIRED AS NEEDED. AREAS WITH SLOPES GREATER THAN 6:1 MUST BE SEEDING AND MULCHED BUT NOT TOPSOILED. AREAS WITH SLOPES LESS THAN 6:1 MUST BE TOPSOILED, SEEDING AND MULCHED. ALL AREAS MUST BE TOPSOILED, SEEDING AND MULCHED AS DESCRIBED ABOVE IN THE FOLLOWING SPACING.

12. WHEREVER POSSIBLE PRESERVE EXISTING TREES, SHRUBS AND OTHER VEGETATION. TO PREVENT ROOT DAMAGE, DO NOT GRADE, PLACE SOIL PILES, OR PARK VEHICLES NEAR TREES MARKED FOR PRESERVATION.
13. SILT FENCE MAINTENANCE. EROSION CONTROL BARRIERS (SILT FENCE) MUST BE INSPECTED WITHIN 24 HOURS AFTER EACH RAINFALL OF 0.5-INCHES OR MORE, AND DURING PERIODS OF PROLONGED RAINFALL. REPAIRS OR REPLACEMENT SHALL BE MADE IMMEDIATELY. SEEDING SHALL BE COMPLETED ON THE SILT FENCES SHALL BE REMOVED WHEN THE DEPOSITS REACH HALF THE HEIGHT OF THE SILT FENCE.
14. GRAVEL TRACKING AND MAINTENANCE. ADDITIONAL STONE IS REQUIRED IF EXISTING STONE BECOMES BURIED OR IF SEDIMENT IS NOT BEING STABILIZED. GRAVEL TRACKING SHALL BE MAINTAINED TO PREVENT TRACKING OF GRAVEL ONTO ADJACENT AREAS. PADS MAY REQUIRE PERIODIC CLEANING TO MAINTAIN THE EFFECTIVENESS OF THE PRACTICE, WHICH MAY INCLUDE THE REMOVAL AND RE-INSTALLATION OF THE STONE.

# EROSION CONTROL NOTES

1. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING COPIES OF ALL PERMITS, INCLUDING WISOR WORKS DISCHARGE PERMIT (IF APPLICABLE), COUNTY AND LOCAL EROSION CONTROL PERMIT. CONTRACTOR IS RESPONSIBLE FOR ADHIBING BY ALL PERMIT REQUIREMENTS AND RESTRICTIONS.
2. ALL EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO LAND DISTURBING ACTIVITIES.
3. ALL INSTALLATION AND MAINTENANCE OF EROSION CONTROL PRACTICES SHALL BE IN ACCORDANCE WITH THE APPLICABLE WISCONSIN DEPARTMENT OF NATURAL RESOURCES (DNR) TECHNICAL STANDARD, FOUND AT: <http://dnr.wis.gov/bioscience/standards/consr-standards.html>
4. ALL EROSION CONTROL PRACTICES SHALL BE MAINTAINED THROUGHOUT THE DURATION OF THE PROJECT AND WARRANTY PERIOD IN CONFORMANCE WITH ALL APPLICABLE PERMITS ISSUED FOR THE PROJECT.
5. ALL EROSION AND SEDIMENTATION CONTROL PRACTICES SHALL BE INSPECTED WEEKLY AND WITHIN 24 HOURS AFTER EVERY PRECIPITATION EXCEEDING 0.25 INCHES OF RAIN OR MORE DURING A 24 HOUR PERIOD. REPAIRS SHALL BE MADE IMMEDIATELY TO EROSION CONTROL PRACTICES AS NECESSARY.
6. TEMPORARY STOCKPILES SHALL BE STABILIZED IF NOT REMOVED IN 10 DAYS. PERMETER CONTROL ON THE DOWNHILL SIDE SHALL BE IN PLACE AT ALL TIMES (SILT FENCE OR APPROVED EQUIV).
7. TEMPORARY SEED MIXTURE SHALL CONFORM TO 630.2.1.5.1.4 OF THE WISDOT STANDARD SPECIFICATIONS USE WINTER WHEAT OR RYE FOR FALL PLANTINGS STARTED AFTER SEPTEMBER 1.
8. DISTURBED AREAS THAT CANNOT BE STABILIZED WITH A DENSE GROWTH OF VEGETATION BY SEEDING AND MULCHING DUE TO TEMPERATURE OR TIMING OF CONSTRUCTION, SHALL BE STABILIZED BY APPLYING ANIONIC POLYACRYLAMIDE (PAM) IN ACCORDANCE WITH WISOR TECHNICAL STANDARD 1050.
9. SEDIMENT SHALL BE REMOVED FROM THE SEDIMENT BASINS TO MAINTAIN A THREE FOOT DEPTH OF TREATMENT. MEASURED BELOW THE NORMAL WATER ELEVATION. SEDIMENT WILL BE REMOVED FROM THE DIVERSION DITCHES WHEN IT REACHES HALF THE HEIGHT OF THE DITCH. SILT FENCE AND DITCH CHECKS SHALL BE REPAIRED AS NECESSARY TO MAINTAIN A BARRIER.
10. ALL WATER FROM CONSTRUCTION DEMATERING SHALL BE TREATED IN ACCORDANCE WITH WISOR TECHNICAL STANDARD 1061 PRIOR TO DISCHARGE TO WATERS OF THE STATE, WETLANDS, OR OFFSITE.
11. THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ANY ADDITIONAL EROSION CONTROL MEASURES NECESSARY TO PREVENT EROSION AND SEDIMENTATION. ALL DISTURBED AREAS ARE TO BE GRADED TO APPROVED SEDIMENT CONTROL MEASURES. ALL TIMES DURING SITE DEVELOPMENT TEMPORARY EROSION CONTROL AND/OR SEDIMENT TRAPS IN VARIOUS LOCATIONS THROUGHOUT THE PROJECT. TEMPORARY SEDIMENT TRAPS SHALL BE DESIGNED, INSTALLED, AND MAINTAINED IN ACCORDANCE WITH WISOR TECHNICAL STANDARD 1063.
12. TRACKED MATERIAL TO ADJACENT STREETS SHALL BE COLLECTED AT THE END OF EACH WORKING DAY OR AS REQUIRED BY THE LOCAL MUNICIPALITY.
13. DUST CONTROL SHALL BE PROVIDED AS NECESSARY IN ACCORDANCE WITH WISOR TECHNICAL STANDARD 1068.
14. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL EROSION CONTROL FACILITIES AND MEASURES NECESSARY TO CONTROL EROSION AND SEDIMENTATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN, INSTALLATION, MAINTENANCE AND REPAIR OF ALL EROSION CONTROL FACILITIES. THE CONTRACTOR DOES NOT ALLEVATE THE CONTRACTOR FROM PROVIDING THEM. ANY MEASURES AND FACILITIES SHOWN ON THE DRAWINGS ARE THE MINIMUM ACTIONS REQUIRED.
15. ERODED MATERIAL THAT HAS LEFT THE CONSTRUCTION SITE SHALL BE COLLECTED AND RETURNED TO THE SITE BY THE CONTRACTOR.
16. AFTER FINAL VEGETATION IS ESTABLISHED, REMOVE ALL EROSION CONTROL FACILITIES. RESTORE AREAS DISTURBED BY THE REMOVALS.
17. KEEP A COPY OF THE CURRENT EROSION CONTROL PLAN ON SITE THROUGHOUT THE DURATION OF THE PROJECT.
18. COMPLETE AND STABILIZE SEDIMENT BASINS/TRAPS PRIOR TO MASS LAND DISTURBANCE TO CONTROL RUNOFF DURING CONSTRUCTION. REMOVE SEDIMENT AS NEEDED TO MAINTAIN 3 FEET OF DEPTH TO THE OUTLET AND PROPERLY DISPOSE OF SEDIMENT REMOVED DURING MAINTENANCE. CONSTRUCT AND MAINTAIN THE SEDIMENT BASIN PER WISOR TECHNICAL STANDARDS.
19. PROPERLY DISPOSE OF ALL WASTE AND UNUSED BUILDING MATERIALS (INCLUDING CARGAGE, DEBRIS, CLEANING WASTES, OR OTHER CONSTRUCTION MATERIALS) AND DO NOT ALLOW THESE MATERIALS TO BE CARRIED BY RUNOFF INTO THE RECEIVING CHANNEL.
20. FOR NON-CHANNELIZED FLOW ON DISTURBED OR CONSTRUCTED SLOPES 4:1, USE CLASS I URBAN, TYPE A EROSION CONTROL MATTING. B. FOR SLOPES GREATER THAN 4:1 BUT LESS THAN 2.5:1, USE CLASS I URBAN, TYPE B. FOR SLOPES GREATER THAN 2.5:1 USE CLASS I, TYPE B. SELECT EROSION MATTING FLOW APPROPRIATE MATRIX IN WOOD'S FACILITIES DEVELOPMENT MANUAL AND INSTALL AND MAINTAIN PER WISOR TECHNICAL STANDARDS.
21. FOR CHANNELIZED FLOW ON DISTURBED OR CONSTRUCTED AREAS PROVIDE CLASS TYPE B EROSION CONTROL MATTING. SELECT EROSION MATTING FLOW APPROPRIATE MATRIX IN WOOD'S FACILITIES DEVELOPMENT MANUAL. INSTALL AND MAINTAIN PER WISOR TECHNICAL STANDARDS.
22. ALL DISTURBED AREAS WITHIN THE RIGHT-OF-WAY SHALL BE COVERED WITH A BIO-DEGRADABLE EROSION MAT INCLUDING BIO-DEGRADABLE STRATES.
23. ALL BIO-DEGRADABLE EROSION MAT SHALL BE CUREX NET FREE OR APPROVED EQUIV.
24. WATERING OF NEW SEEDING SHALL BE OF A DURATION AND FREQUENCY ADEQUATE TO ENSURE PROPER ESTABLISHMENT OF NEW SEEDING.
25. MAKE PROVISIONS FOR WATERING DURING THE FIRST 8 WEEKS FOLLOWING SEEDING OR PLANTING OF DISTURBED AREAS WHENEVER MORE THAN 7 CONSECUTIVE DAYS OF DRY WEATHER OCCUR.

TO OBTAIN LOCATION OF PARTICIPATE IN UNDERGROUND BID IN WISCONSIN  
 CALL DIGGER'S HOTLINE  
 1-800-242-8311  
 TOLL FREE  
 WE STOP THE WORK THAT REQUIRES USE OF 2 YEAR MATS  
 NOTICE BEFORE YOU DOWNVOTE



YAHARA RIVER LEARNING CENTER

NOTES

VILLAGE OF DEFOREST, WI

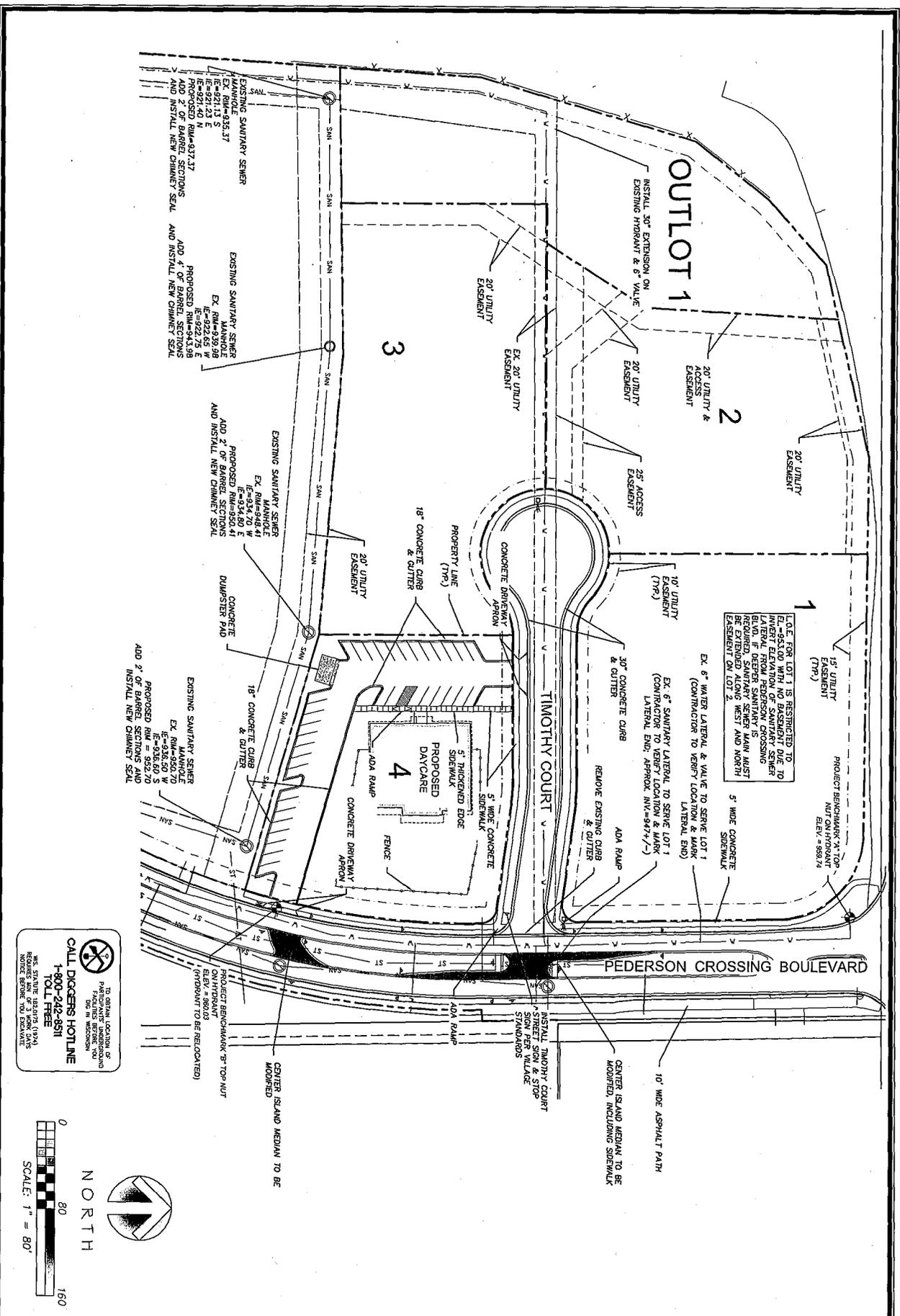
6010 VOGES ROAD  
 MADISON, WISCONSIN 53716  
 608-838-0444 | www.snyder-associates.com

MARK	REVISION	DATE	BY
Engineer: MLC	Checked By: BCA	Scale: NOTED	
Technician: MW	Date: 10-27-2016	Plot: Bc	Pg.
File Location:			
Project Number: 1161177-30			

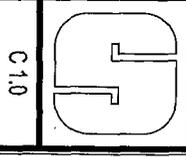
VILLAGE COMMENTS	12/7/16BCA
UPDATE NOTES	12/15/16 BCA
PER VILLAGE STANDARDS	1/8/17 BCA







**CALL DIGGERS HOTLINE**  
 TO OBTAIN LOCATION OF  
 PARTICIPATING UNDERGROUND  
 UTILITIES IN WISCONSIN  
 1-800-242-9511  
 TOLL FREE



**YAHARA RIVER LEARNING CENTER**  
 OVERALL SITE PLAN  
 VILLAGE OF DEFOREST, WI

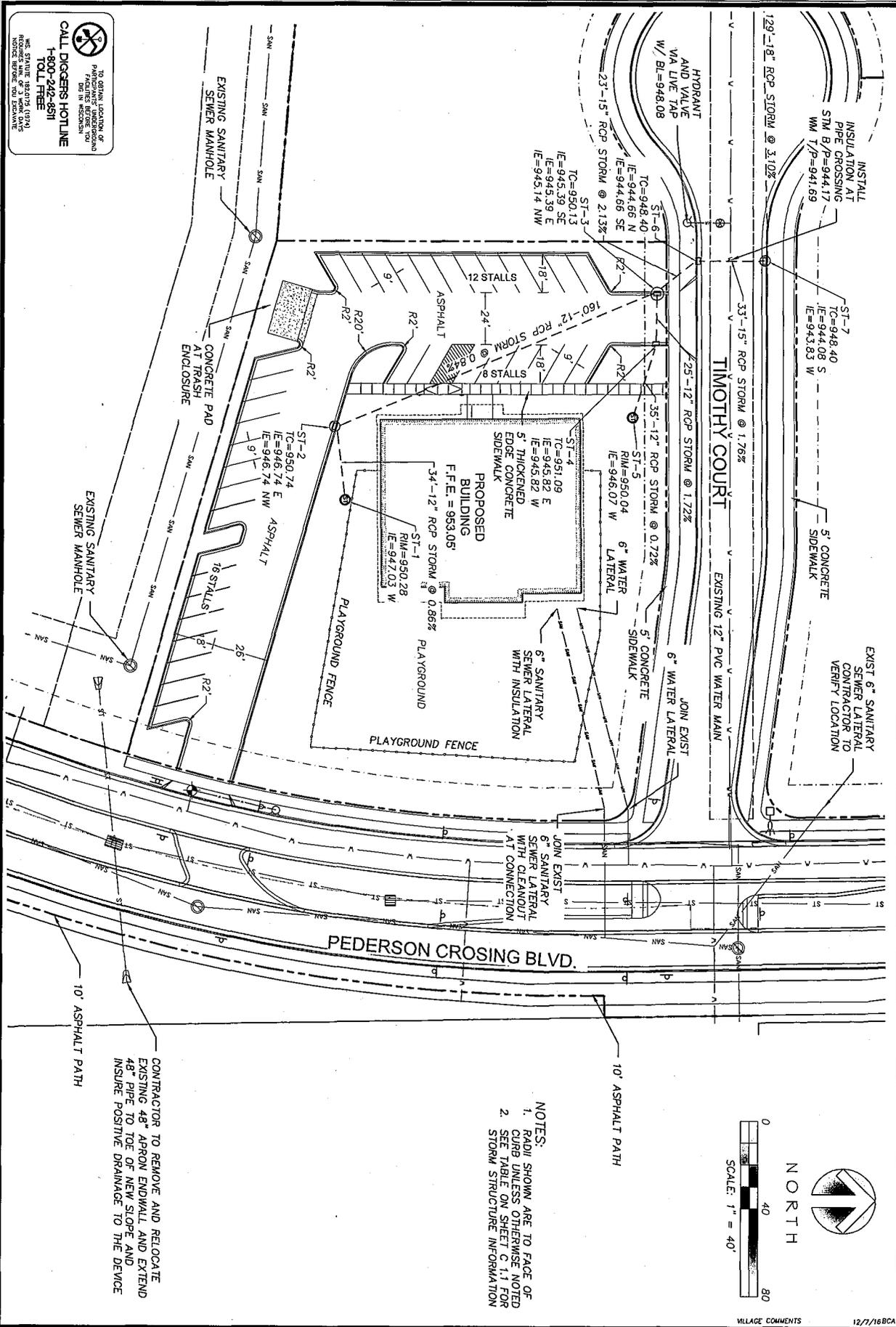
**SNYDER & ASSOCIATES, INC.**  
 5010 VOGES ROAD  
 MADISON, WISCONSIN 53718  
 608-836-0444 | www.snyder-associates.com

MARK	REVISION	DATE	BY
	VILLAGE COMMENTS	2/7/16	BCA
	LOT LAYOUT	1/8/17	BCA
	CUL-DE-SAC LENGTH	1/16/17	BCA
	VILLAGE COMMENTS	2/16/17	BCA

Engineer: MLC    Checked By: BCA    Scale: NOTED  
 Technician: MW    Date: 1-04-2017    Plot Size: Pp  
 File Location:  
 Project Number: 118.017.30

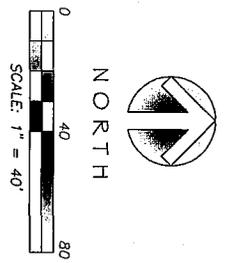


TO OBTAIN LOCATION OF FACILITIES BEFORE DIG IN WISCONSIN  
 CALL DIGGERS HOTLINE  
 1-800-242-8511  
 TOLL FREE  
 WIS. STATUTE REQUIRES (1974)  
 RECOVERER SIGN, OR 3" WORK DAYS  
 NOTICE BEFORE YOU EXCAVATE



CONTRACTOR TO REMOVE AND RELOCATE EXISTING 48\"/>

- NOTES:
1. RADI SHOWN ARE TO FACE OF CURB UNLESS OTHERWISE NOTED
  2. SEE TABLE ON SHEET C 1.1 FOR STORM STRUCTURE INFORMATION



**YAHARA RIVER LEARNING CENTER**

SITE & UTILITY PLAN

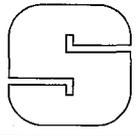
VILLAGE OF DEFOREST, WI

**SNYDER & ASSOCIATES, INC.**

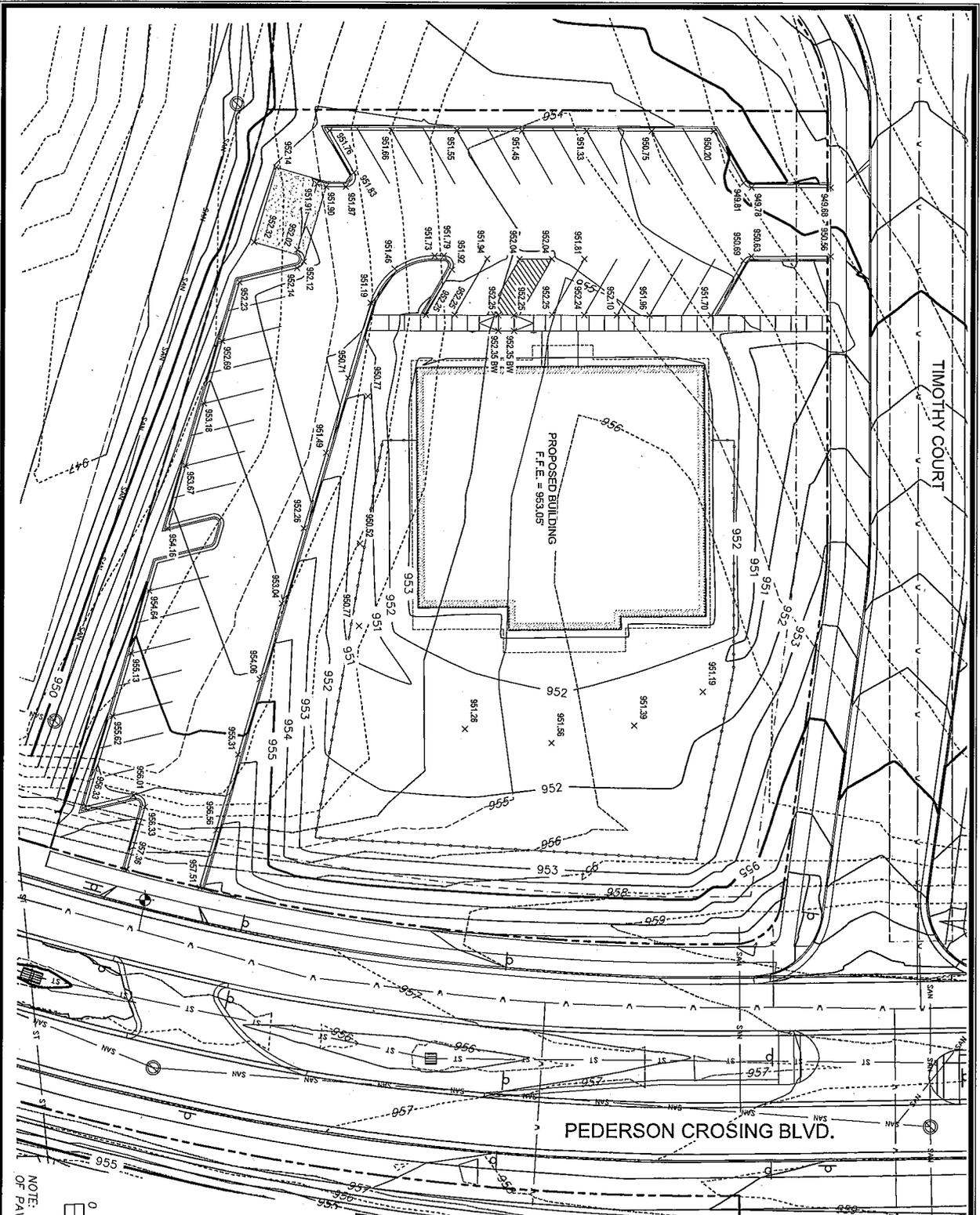
5010 VOGES ROAD  
 MADISON, WISCONSIN 53718  
 608-838-0444 | www.snyder-associates.com

VILLAGE COMMENTS		12/7/16BCA
CARP COMMENTS		12/23/16 BCA
LOT LAYOUT		1/6/17 BCA
CUL-DE-SAC LENGTH		1/20/17BCA
VILLAGE COMMENTS		2/16/17 BCA
DATE	REV.	
Engineer: MLC	Checked By: BCA	Scale: NOTED
Technician: MW	Date: 1-04-2017	Plotter: etc. Pgr
Project Number: 118.0177.30		

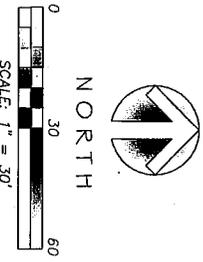
C12



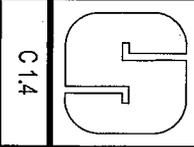




NOTE: ALL SPOT ELEVATIONS ARE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.

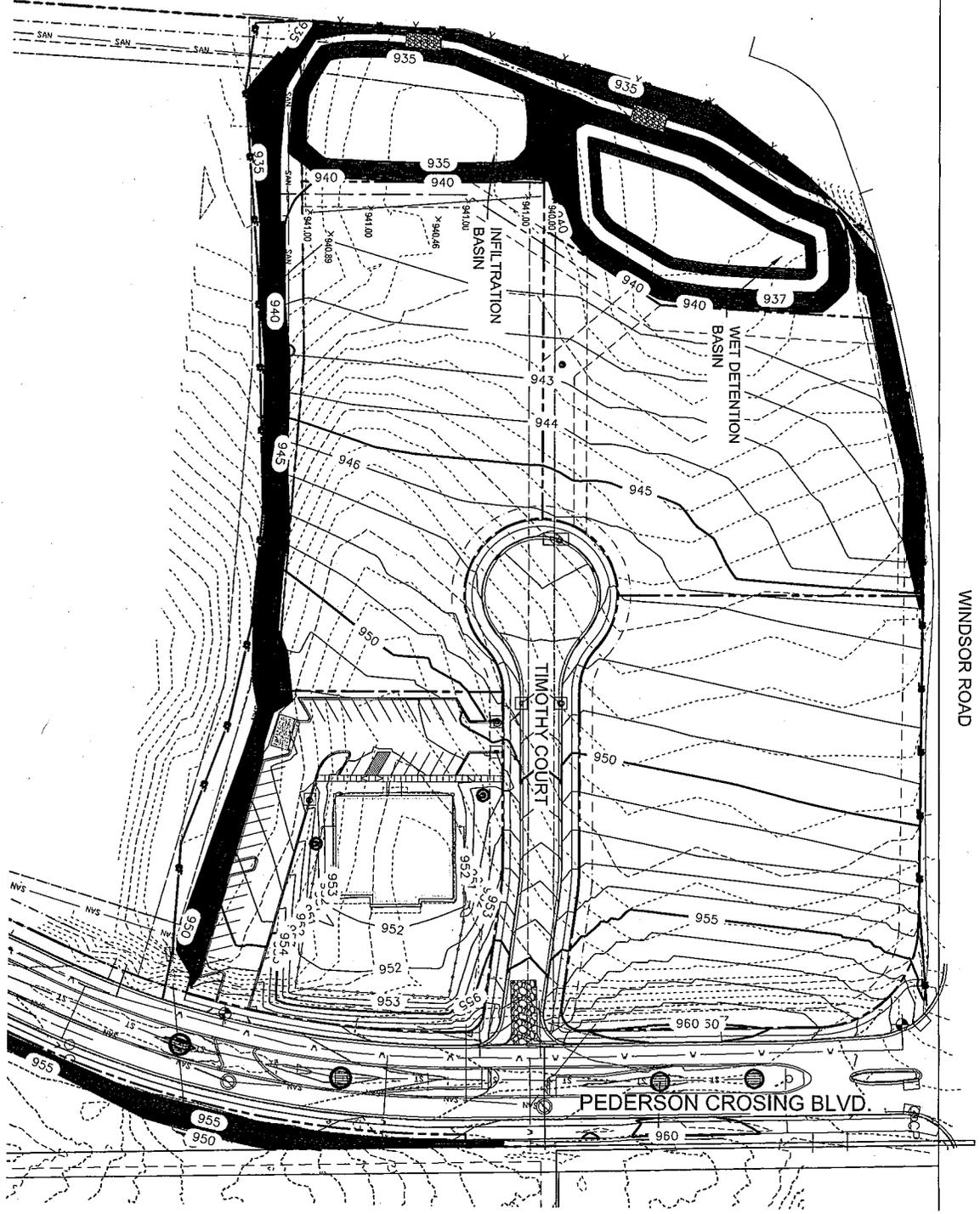


**CALL DIGGERS HOTLINE**  
 1-800-242-8811  
 TOLL FREE  
 WE STAKE OUT A YEAR IN ADVANCE  
 NOTICE BEFORE YOU EXCAVATE



**YAHARA RIVER LEARNING CENTER**  
 SITE GRADING  
 VILLAGE OF DEFOREST, WI  
**SNYDER & ASSOCIATES, INC.**  
 5010 VOGES ROAD  
 MADISON, WISCONSIN 53718  
 608-838-0444 | www.snyder-associates.com

VILLAGE COMMENTS		12/7/16 BCA	
CARPC COMMENTS		12/23/16 BCA	
LOT LAYOUT		1/6/17 BCA	
CUL-DE-SAC LENGTH		1/20/17 BCA	
VILLAGE COMMENTS		2/16/17 BCA	
DATE	REVISION	DATE BY	
MARK	ENGINEER: MLC	CHECKED BY: BCA	SCALE: NOTED
	TECHNICIAN: MW	DATE: 10-27-2016	FIELD BY: Pjt
File Location:			
Project Number: 118.0177.30			



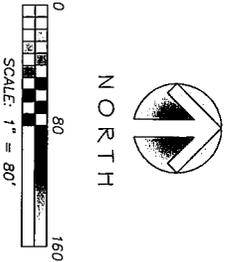
WINDSOR ROAD

PEDERSON CROSSING BLVD.

TIMOTHY COURT

**EROSION CONTROL KEY**

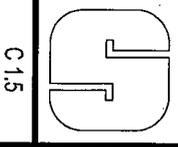
- INLET PROTECTION TYPE A
- INLET PROTECTION TYPE D
- EROSION MATTING OR SLOPES GREATER THAN 1:4 (CLASS 1 TYPE A) NOT SHOWN - ALL DISTURBED AREAS WITHIN RIGHT-OF-WAY SHALL BE COVERED IN EROSION MATTING
- ▬ CONSTRUCTION ENTRANCE
- ▬ SILT FENCE



TO OBTAIN LOCATION OF PROJECT'S BOUNDARIES OR TO LOCATE THE PROJECT'S BOUNDARIES CALL DIGGERS HOTLINE 1-800-242-8811 TOLL FREE MS. STATUTE 184.012 (1979) REQUIRES MARKING OF ALL WORK AREAS AND THE BOUNDARIES OF ALL CONVEYANCES.

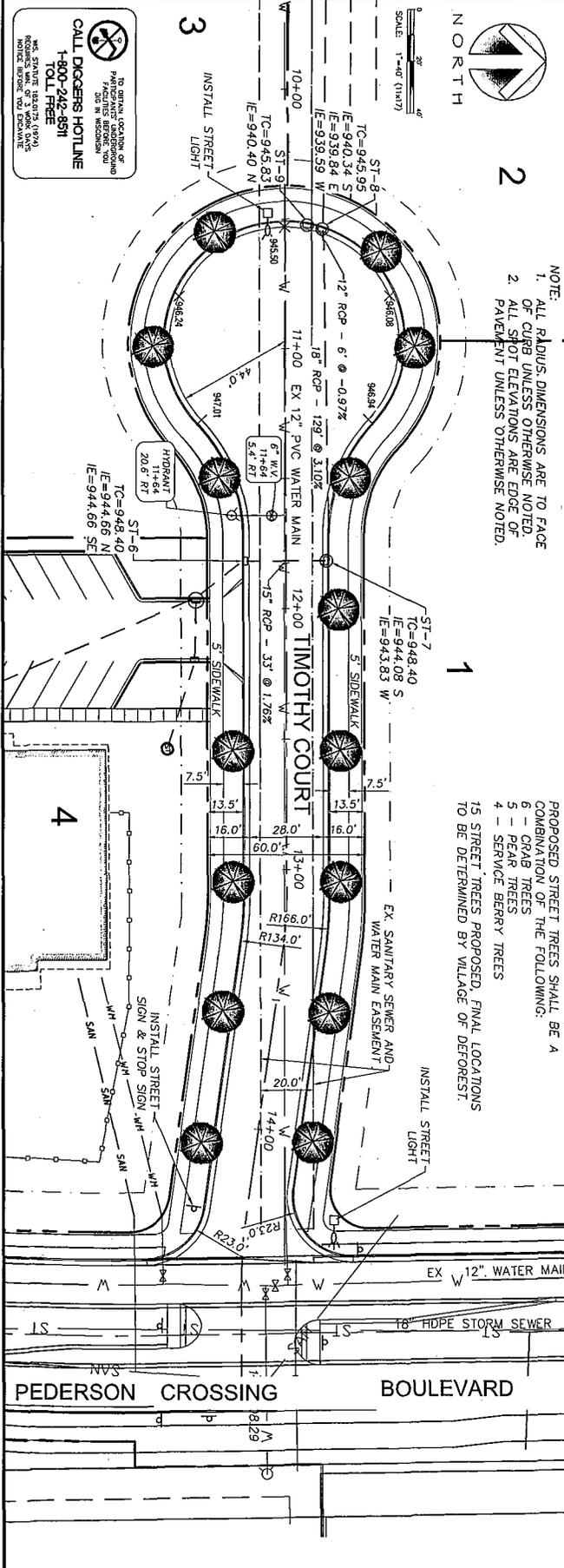
VILLAGE COMMENTS 12/7/16BCA

CARP COMMENTS	12/23/16 BCA	
LOT LAYOUT	1/6/17 BCA	
OUT-OF-SITE LENGTH	1/20/17 BCA	
VILLAGE COMMENTS	3/7/17 BCA	
MARK	REVISION	
Engineer: MLC	Checked By: BCA	Scale: NOTED
Technician: MW	Date: 10-27-2016	File No: Pj
File Location:		
Project Number: 116.0177.30		



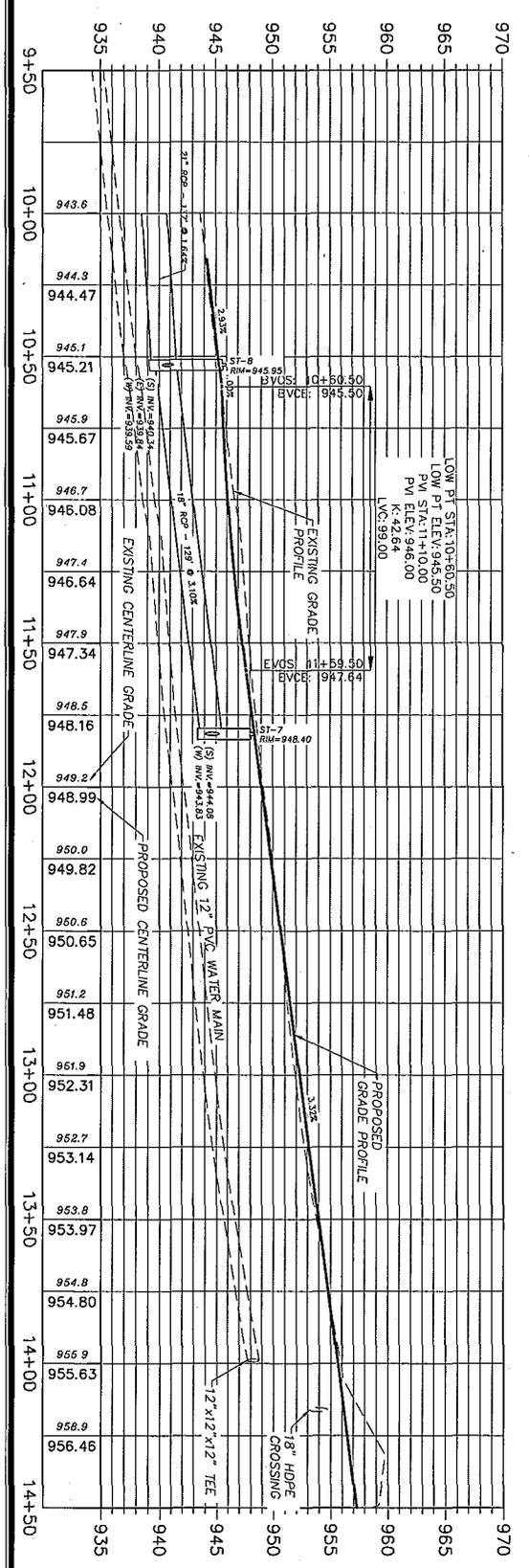
**YAHARA RIVER LEARNING CENTER**  
**EROSION CONTROL PLAN**  
 VILLAGE OF DEFOREST, WI  
**SNYDER & ASSOCIATES, INC.**  
 5010 VOGES ROAD  
 MADISON, WISCONSIN 53718  
 608-838-0444 | www.snyder-associates.com

C 1.5

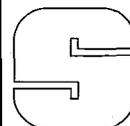


NOTE:  
 1. ALL DIMENSIONS ARE TO FACE OF CURB UNLESS OTHERWISE NOTED.  
 2. ALL SPOT ELEVATIONS ARE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.

PROPOSED STREET TREES SHALL BE A COMBINATION OF THE FOLLOWING:  
 6 - PLUM TREES  
 5 - PLAR TREES  
 4 - SERVICE BERRY TREES  
 15 STREET TREES PROPOSED, FINAL LOCATIONS TO BE DETERMINED BY VILLAGE OF DEFOREST.



TO ORIGINAL LOCATION OF FACILITIES BEFORE THIS JOB IN REVISION  
 CALL DIGGERS HOTLINE  
 1-800-242-8511  
 TOLL FREE  
 MS. SERVICE REPORTS (SRR) MUST BE SUBMITTED TO SNIYDER & ASSOCIATES, INC. BEFORE THE START OF CONSTRUCTION.



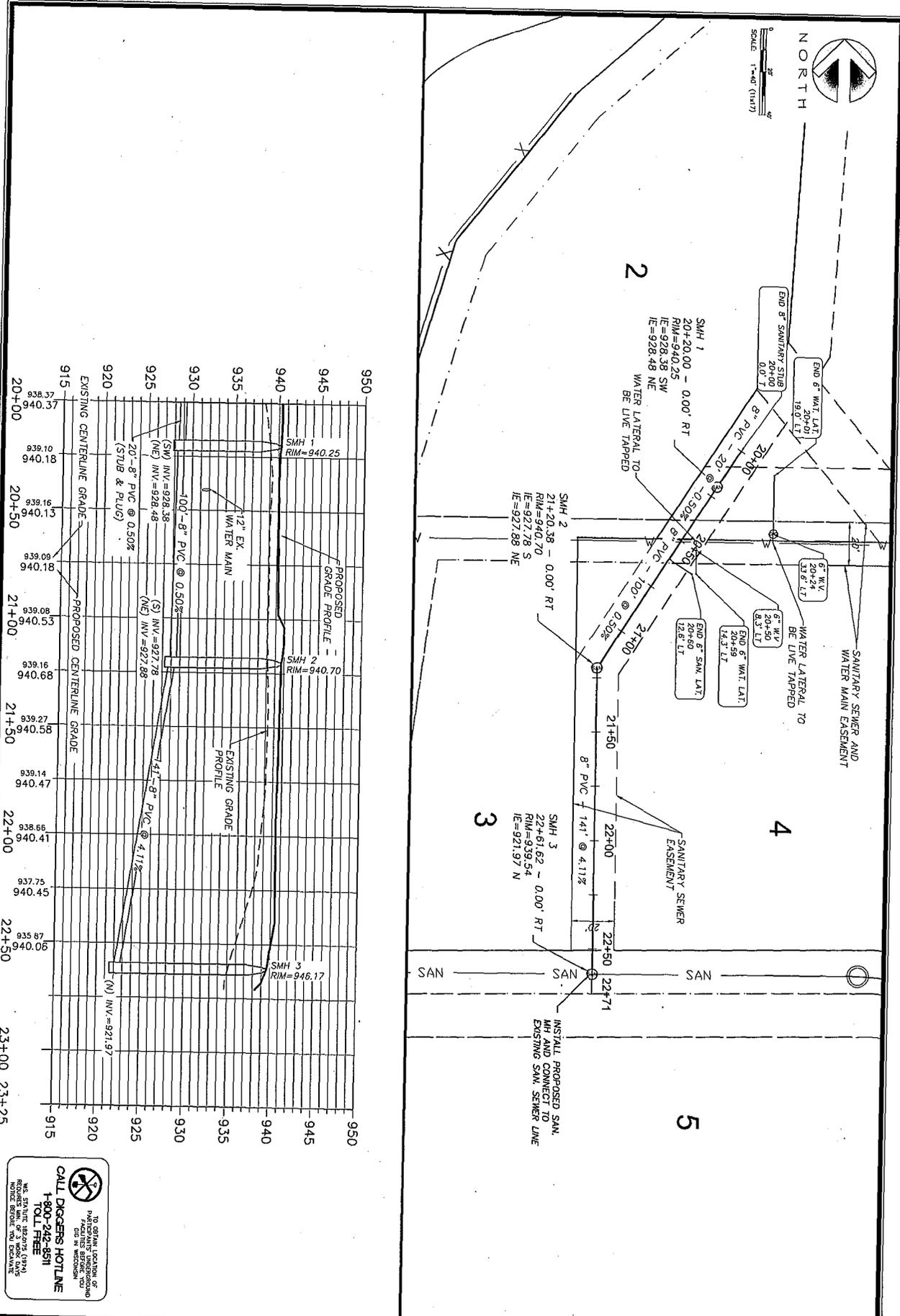
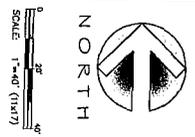
C 16

**YAHARA RIVER LEARNING CENTER**  
 TIMOTHY COURT PLAN / PROFILE  
**SNYDER & ASSOCIATES, INC.**

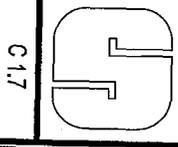
VILLAGE OF DEFOREST, WI  
 5010 VOGES ROAD  
 MADISON, WISCONSIN 53718  
 608-838-0444 | www.snyder-associates.com

VILLAGE COMMENTS	12/7/18/BCA
LOT LAYOUT	1/6/17/BCA
CUL-DE-SAC LENGTH	1/20/17/BCA
VILLAGE COMMENTS	2/26/17/BCA
DATE	1/17

MARK:  
 Engineer: MLC Checked By: BCA Scale: NOTED  
 Title: MLC Date: 10-27-2016 Plot Bk. Pp:  
 File Location:  
 Project Number: 118 0117.30




  
 TO OBTAIN LOCATION OF  
 12" WATER MAINS SERVICE, YOU  
 MUST CALL THE  
**CALL DIGGERS HOTLINE**  
**1-800-242-8911**  
**TOLL FREE**  
 8:00 AM - 5:00 PM (EST)  
 MONDAY THROUGH FRIDAY



**YAHARA RIVER LEARNING CENTER**  
**SANITARY SEWER PLAN / PROFILE**  
 VILLAGE OF DEFOREST, WI  
**SNYDER & ASSOCIATES, INC.**  
 6010 VOGES ROAD  
 MADISON, WISCONSIN 53718  
 608-838-0444 | www.snyder-associates.com

VILLAGE COMMENTS		12/7/16	BCA
LOT LAYOUT		1/9/17	BCA
MARK	REVISION	DATE	BY
Engineer: MLC	Checked By: BCA	Scale: NOTED	
Technician: MW	Date: 10-27-2016	Field Etc: Pjr	
<small>File Location: \\snyder-associates.com\projects\2016\1160177\1160177.dwg          Project Number: 1160177-00</small>			

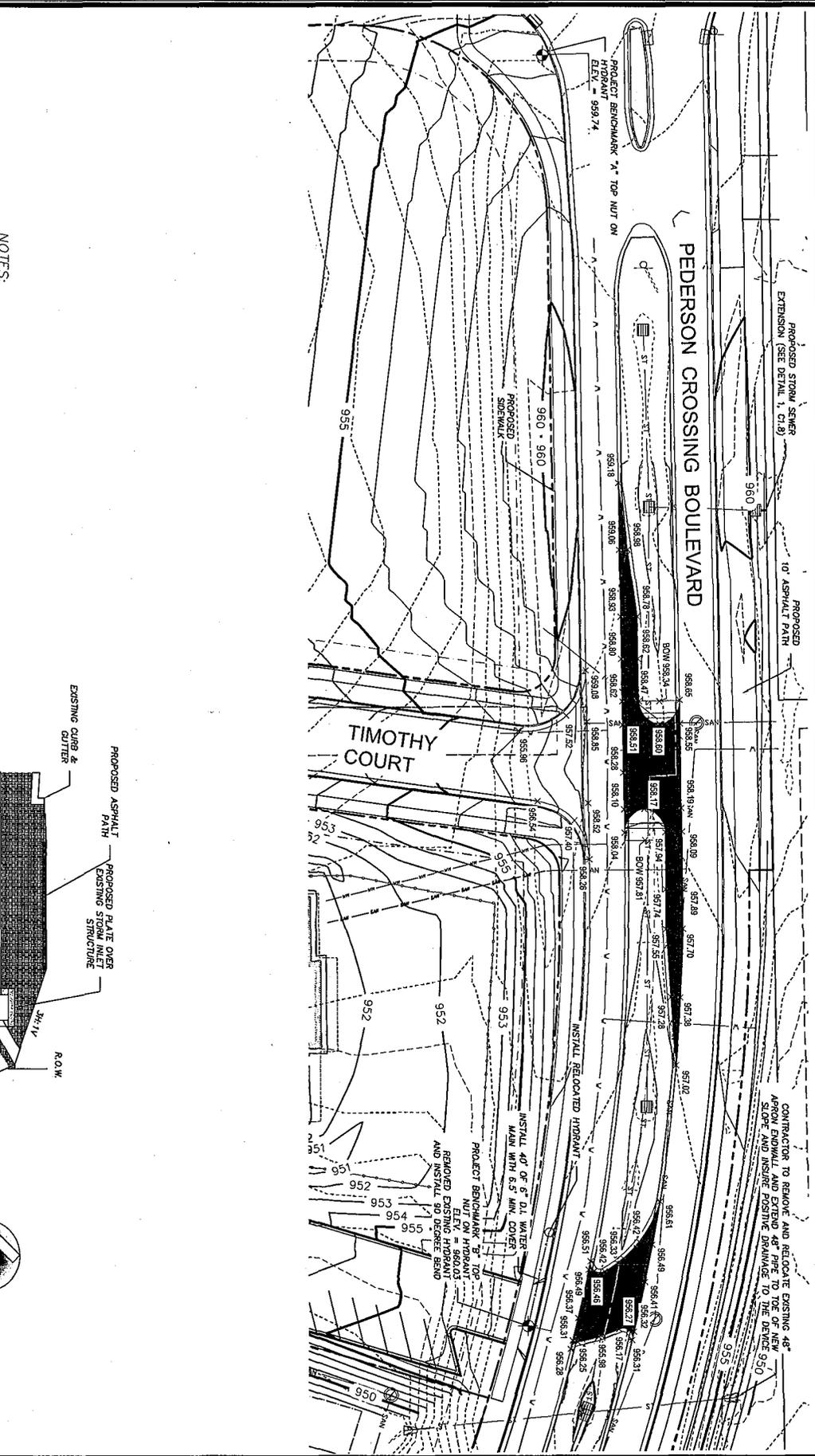
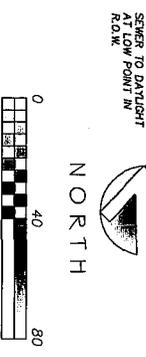
C-17


 TO OBTAIN LOCATION OF UTILITIES BEFORE YOU DIG, CALL THE MISSOURI STATE UTILITY SERVICE (MUS) AT 1-800-242-8511.

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

MS. STATUTE 80.075 (1979)  
 REVISION 10/11/01  
 REGISTERED PROFESSIONAL ENGINEER  
 STATE OF MISSOURI  
 LICENSE NO. 10000

**NOTES:**  
 ALL DISTURBED AREAS IN PEDERSON CROSSING SHALL BE RESEEDED WITH NATIVE SEED MIXTURE PER THE VILLAGE REQUIREMENTS. SEE SHEET C 2.10 FOR SEED MIXTURE.  
 ALL SPOT ELEVATIONS ARE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.  
 MULT-USE PATH & TREE PLANTINGS ON EAST SIDE OF PEDERSON CROSSING TO BE COMPLETED BY OTHERS.

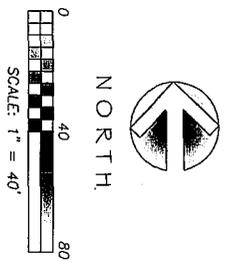
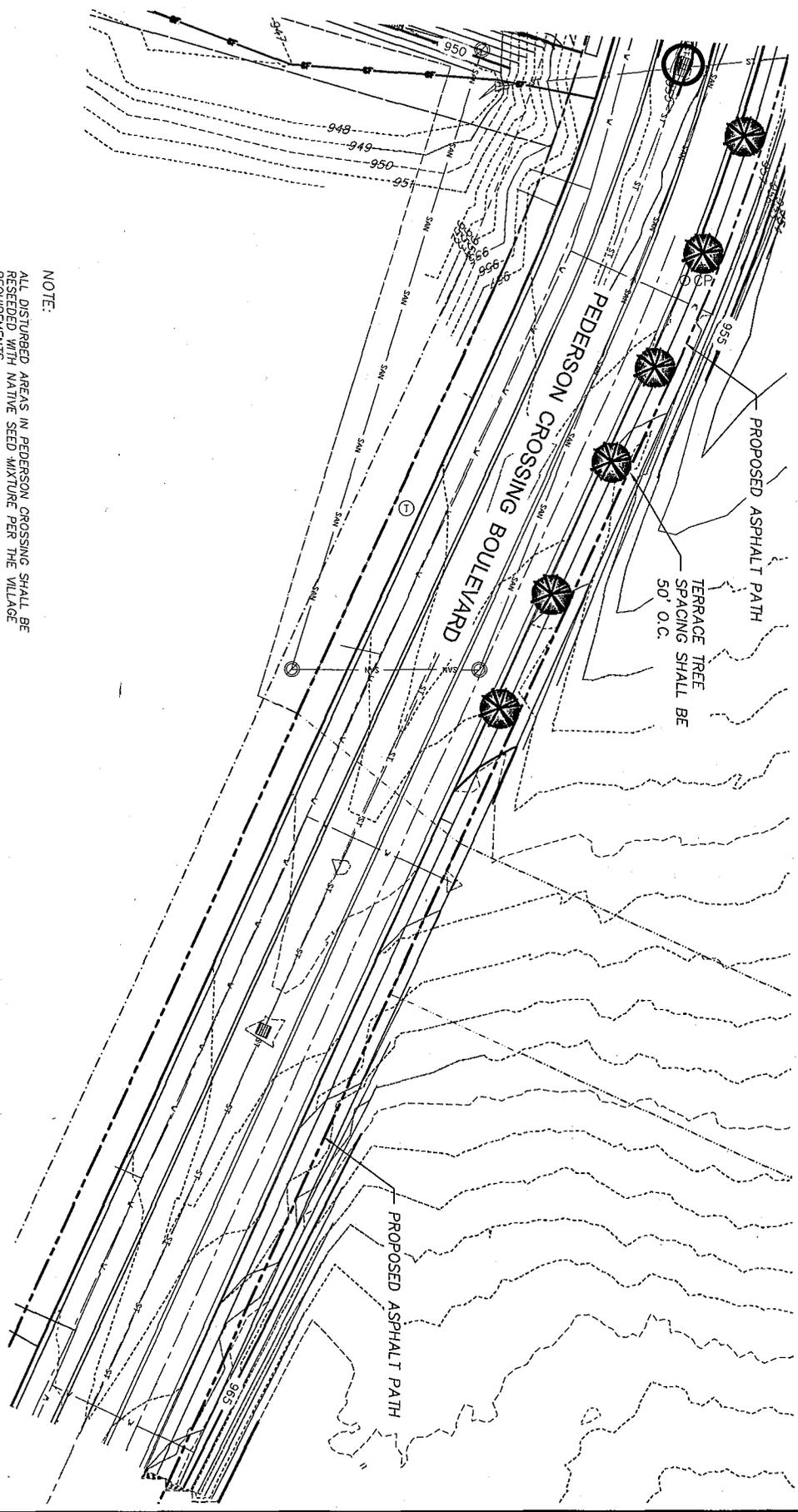




NO OTHER LOCATION OF  
 TREE FACILITIES BEFORE YOU  
 CALL DIGGER'S HOTLINE  
 1-800-242-8591  
 TOLL FREE  
 MS. STANLEY BEAVER'S (BPA)  
 NOTICE BEFORE YOU EXCAVATE

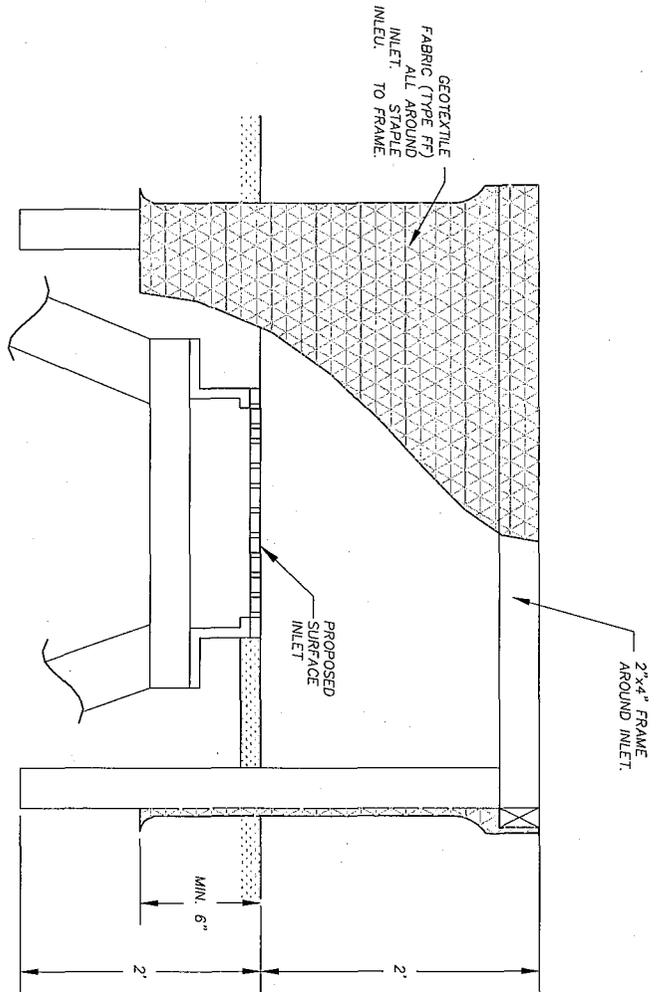
- PROPOSED STREET TREES SHOWN SHALL BE A  
 COMBINATION OF THE FOLLOWING:
- 3 - CRAB TREES
  - 2 - PEAR TREES
  - 1 - SERVICE BERRY TREES
  - 6 STREET TREES PROPOSED AS SHOWN, FINAL  
 LOCATIONS TO BE DETERMINED BY VILLAGE OF  
 DEFOREST.

NOTE:  
 ALL DISTURBED AREAS IN PEDERSON CROSSING SHALL BE  
 RESEED WITH NATIVE SEED MIXTURE PER THE VILLAGE  
 REQUIREMENTS.



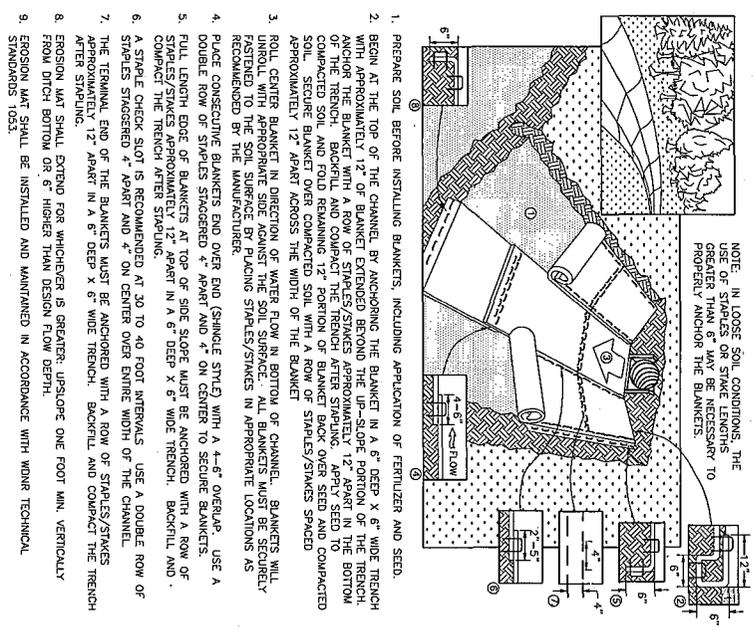
	<b>YAHARA RIVER LEARNING CENTER</b>		VILLAGE COMMENTS		12/7/16	BCA
	PEDERSON CROSSING BLVD. PLAN		LOT LAYOUT		1/8/17	BCA
C 1.10	<b>SNYDER &amp; ASSOCIATES, INC.</b>		VILLAGE OF DEFOREST, WI			
	5010 VOGES ROAD MADISON, WISCONSIN 53718 608-838-0444   www.snyder-associates.com		MARK REVISION DATE BY Engineer: MLC Checked By: BCA Scale: NOTED Technician: MW Date: 1-04-2017 Field By: Pp File Location: P:\NO.4013\A\1111721.dwg Project Number: 116.017.30			





- GENERAL NOTES:**
- MANUFACTURED ALTERNATIVES APPROVED AND LISTED ON MNS DOT PRODUCT ACCEPTABILITY LIST MAY BE SUBSTITUTED.
- WHEN REMOVING OR MAINTAINING INLET PROTECTION, ARE SHALL BE TAKEN SO THAT THE SEDIMENT TRAPPED ON THE GEOTEXTILE FABRIC DOES NOT FALL INTO THE INLET. ANY MATERIAL FALLING INTO THE INLET SHALL BE REMOVED IMMEDIATELY.
- 1 FINISHED SIZE, INCLUDING FLAP POCKETS WHERE REQUIRED SHALL EXTEND A MINIMUM OF 10" AROUND THE PERIMETER TO FACILITATE MAINTENANCE OR REMOVAL.
  - 2 FLAP POCKET SHALL BE LARGE ENOUGH TO ACCEPT A WOOD 2" x 4".

1 INLET PROTECTION TYP "A" DETAIL  
C2.1 SCALE: NTS

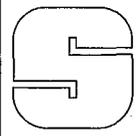


1. PREPARE SOIL BEFORE INSTALLING BLANKETS, INCLUDING APPLICATION OF FERTILIZER AND SEED.
2. BEGIN AT THE TOP OF THE CHANNEL BY ANCHORING THE BLANKET IN A 6" DEEP X 6" WIDE TRENCH WITH APPROXIMATELY 12" OF BLANKET EXTENDED BEYOND THE UP-SLOPE PORTION OF THE TRENCH. ANCHOR THE BLANKET WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" APART IN THE BOTTOM OF THE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING. APPLY SEED TO UNPROTECTED SOIL AND FERTILIZER TO PORTION OF CHANNEL BEYOND TRENCH. COMPACTED SOIL SHOULD BE CONNECTED TO UNPROTECTED SOIL WITH A ROW OF STAPLES/STAKES SPACED APPROXIMATELY 12" APART ACROSS THE WIDTH OF THE BLANKET.
3. ROLL CENTER BLANKET IN DIRECTION OF WATER FLOW IN BOTTOM OF CHANNEL. BLANKETS WILL UNROLL WITH APPROPRIATE SIDE AGAINST THE SOIL SURFACE. ALL BLANKETS MUST BE SECURELY FASTENED TO THE SOIL SURFACE BY PLACING STAPLES/STAKES IN APPROPRIATE LOCATIONS AS RECOMMENDED BY THE MANUFACTURER.
4. PLACE CONSECUTIVE BLANKETS END OVER END (SHINGLE STYLE) WITH A 4-6" OVERLAP. USE A DOUBLE ROW OF STAPLES STAGGERED 4" APART AND 4" ON CENTER TO SECURE BLANKETS.
5. FULL LENGTH EDGE OF BLANKETS AT TOP OF SIDE SLOPE MUST BE ANCHORED WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" APART IN A 6" DEEP X 6" WIDE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING.
6. A STAPLE CHECK SLOT IS RECOMMENDED AT 20 TO 40 FOOT INTERVALS. USE A DOUBLE ROW OF STAPLES STAGGERED 4" APART AND 4" ON CENTER OVER ENTIRE WIDTH OF THE CHANNEL.
7. THE TERMINAL END OF THE BLANKETS MUST BE ANCHORED WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" APART IN A 6" DEEP X 6" WIDE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING.
8. EROSION MAT SHALL EXTEND FOR WHICHEVER IS GREATER: UPSLOPE ONE FOOT MIN. VERTICALLY FROM DITCH BOTTOM OR 6" HIGHER THAN DESIGN FLOW DEPTH.
9. EROSION MAT SHALL BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH WMDR TECHNICAL STANDARDS 1053.

2 EROSION CONTROL MAT - CHANNEL INSTALLATION  
C2.1 SCALE: NTS

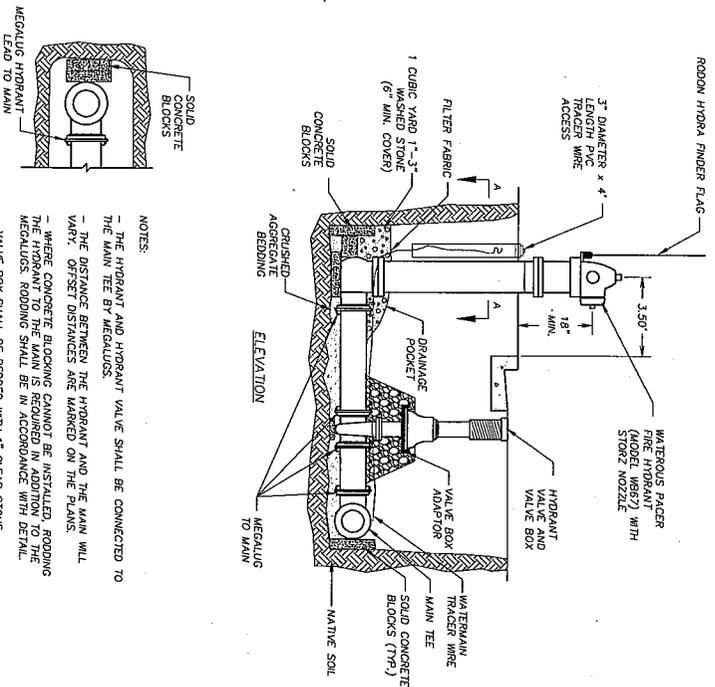
UPDATE DETAILS		12/13/16	BCA
PER VILLAGE STANDARDS			1/6/17
MARK	REVISION	DATE	BY
Engineer: MLC	Checked By: BCA		NOTED
Technician: MW	Date: 10-27-2016	Plat: Bc	Pg:
File Location: P:\PROJECTS\1616\161611\161611.dwg Project Number: 16161177.30			

YAHARA RIVER LEARNING CENTER  
EROSION CONTROL DETAILS  
VILLAGE OF DEFOREST, WI  
6010 VOGES ROAD  
MADISON, WISCONSIN 53718  
808-838-0444 | www.snyder-associates.com



C2.1

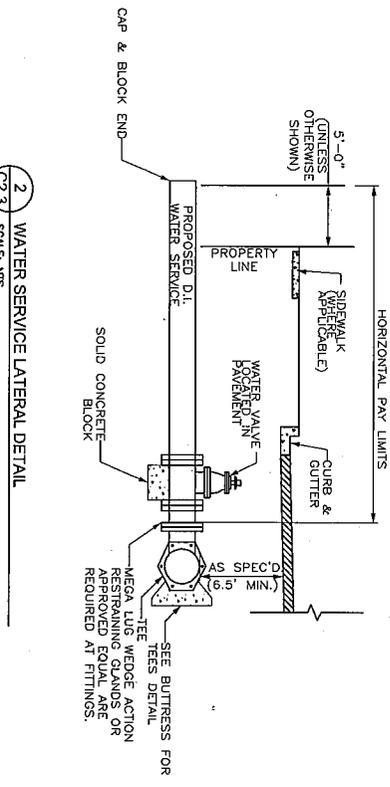




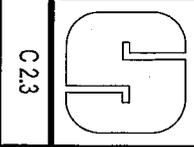
SECTION A-A

1 STANDARD HYDRANT DETAIL  
C2.3 SCALE: NTS

- NOTES:
- THE HYDRANT AND HYDRANT VALVE SHALL BE CONNECTED TO THE MAIN TEE BY MEGALUGS.
  - THE DISTANCE BETWEEN THE HYDRANT AND THE MAIN WILL VARY. OFFSET DISTANCES ARE MARKED ON THE PLANS.
  - WHERE CONCRETE BLOCKING CANNOT BE INSTALLED, RODDING THE HYDRANT TO THE MAIN IS REQUIRED IN ADDITION TO THE MEGALUGS. RODDING SHALL BE IN ACCORDANCE WITH DETAIL.
  - VALVE BOX SHALL BE BEDDED WITH 1" CLEAR STONE.



2 WATER SERVICE LATERAL DETAIL  
C2.3 SCALE: NTS



YAHARA RIVER LEARNING CENTER  
WATER DETAILS  
VILLAGE OF DEFOREST, WI  
**SNYDER & ASSOCIATES, INC.**  
8010 VOGES ROAD  
MADISON, WISCONSIN 53718  
608-838-0444 | www.snyder-associates.com

VILLAGE COMMENTS		12/7/16/BCA
PER VILLAGE STANDARDS		1/6/17 BCA
MARK	REVISION	DATE BY
Engineer: MLC	Checked By: BCA	Scale: NOTED
Technician: MW	Date: 10-27-2016	Field Bl. Pg
File Location:		
Project Number: 116.0177.30		



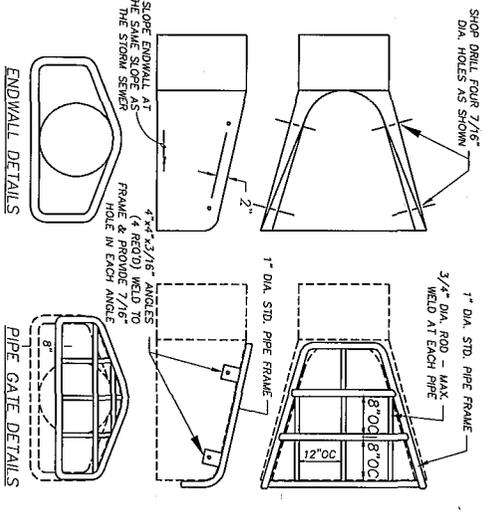


1 STANDARD ENDWALL DETAILS  
SCALE: NTS

2 TRENCH WIDTH & BEDDING DETAILS  
SCALE: NTS

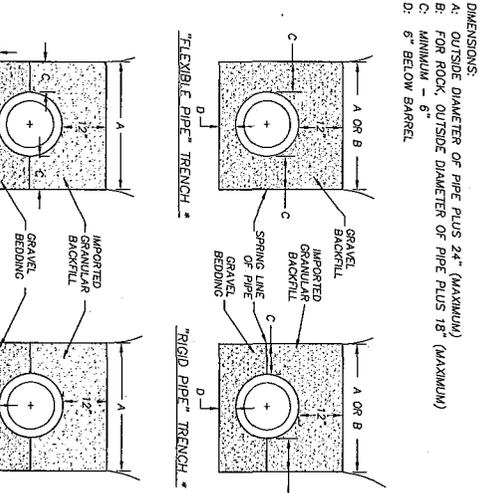
3 ENDWALL RIP-RAP DETAIL  
SCALE: NTS

NOTES:  
1. THE CONTRACTOR SHALL BOLT THE PIPE GATE TO THE CONCRETE ENDWALL WITH FOUR 3/8" DIA. MACHINE BOLTS WITH NUTS ON INSIDE WALL.  
2. PAINTING SPECIFICATIONS:  
THE PIPE GATE SHALL RECEIVE THE FOLLOWING PREPARATION & PAINTING: THE FIRST COAT SHALL BE RUST-OLEUM 980 ZINC CHROMATE PRIMER OR APPROVED EQUAL. THE SECOND COAT SHALL BE RUST-OLEUM 1282 HIGH GLOSS METAL FINISH OR APPROVED EQUAL.  
3. PREPARATION STEPS - TREAT WITH THE THREE-COAT PAINTING SYSTEM LISTED AFTER A THOROUGH SCRAPING, WIRE BRUSHING & CLEANING OF THE GATE SURFACE.  
4. ALLOW 24-48 HOURS DRYING TIME AT 60° OR ABOVE BETWEEN COATS.



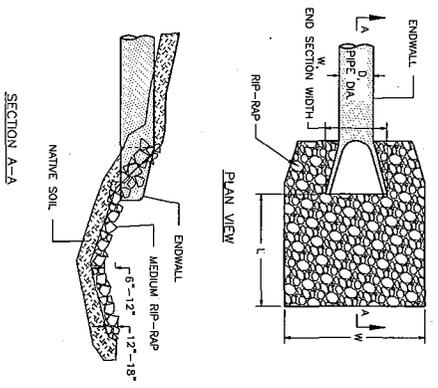
TRIGID PIPE TRENCH \*  
FLEXIBLE PIPE TRENCH \*  
WET TRENCH \*  
UNSTABLE TRENCH \*

TRIGID PIPE TRENCH \* INCLUDES REINFORCED CONCRETE PIPE AND DUCTILE IRON PIPE ONLY. ALL OTHER PIPE MATERIALS SHALL BE CONSIDERED "FLEXIBLE PIPE".  
THE WET TRENCH AND UNSTABLE TRENCH DETAILS ARE DRAWN SHOWING A TRIGID PIPE TRENCH INSTALLATION.  
FLEXIBLE PIPE TRENCH SHALL COMPLY TO MANUFACTURER'S SPECIFICATION



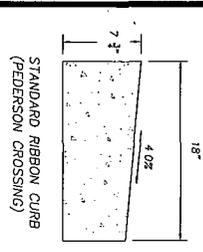
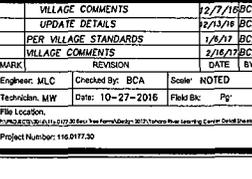
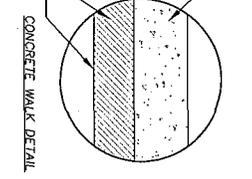
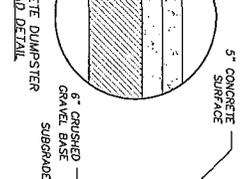
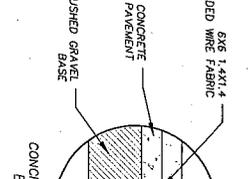
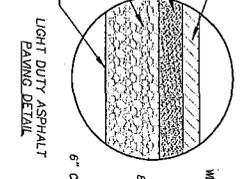
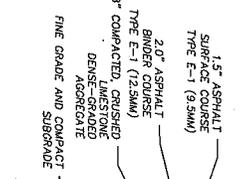
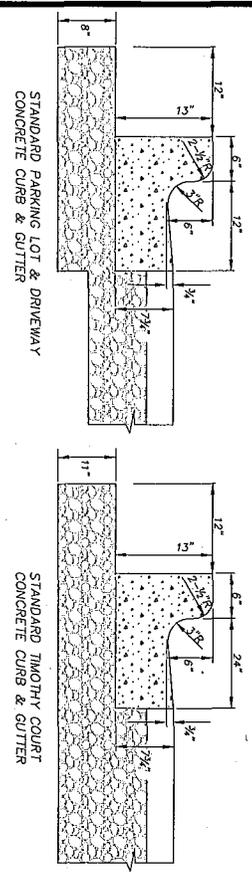
RIP-RAP OUTLET PROTECTION DIMENSIONS

STRUCTURE NUMBER	PIPE DIAMETER INCHES	RIP-RAP SIZE	LENGTH (L) FEET (MIN.)	WIDTH (W) FEET (MIN.)
ST-11	21" Ø RCP	MEDIUM	13'	10'
ST-13	21" Ø RCP	MEDIUM	13'	10'



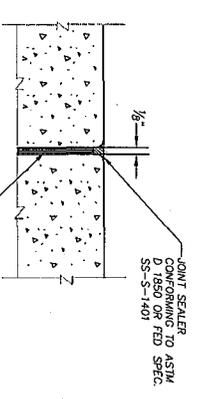
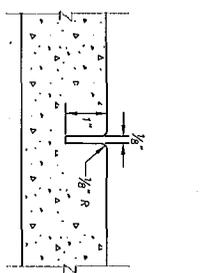
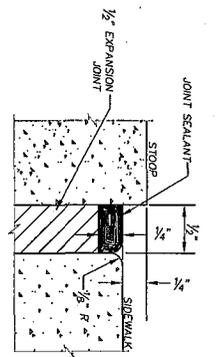
	<b>YAHARA RIVER LEARNING CENTER</b> STORM SEWER DETAILS	VILLAGE OF DEFOREST, WI	PER VILLAGE STANDARDS 1/8/07 BCA
	<b>SNYDER &amp; ASSOCIATES, INC.</b> 6010 VOGES ROAD MADISON, WISCONSIN 53718 608-638-0444   www.snyder-associates.com	REVISION Engineer: MLC Technician: MW	CHECKED BY: BCA DATE: 10-27-2016 FILED BY: PW



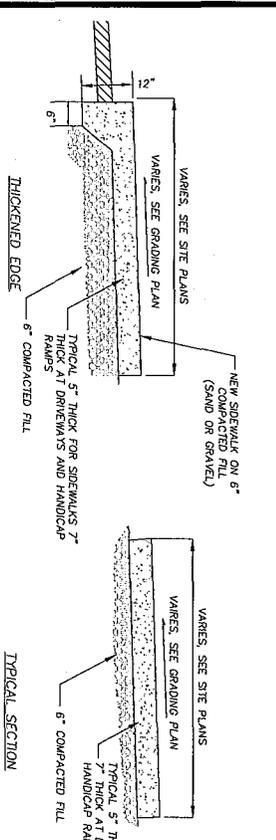


**NOTES:**  
 LATERAL CONTRACTION JOINTS SHALL BE PLACED AT INTERVALS OF NOT MORE THAN 15' NOR LESS THAN 6' IN LENGTH. THE JOINTS SHALL BE A MINIMUM OF 3" IN DEPTH. EXPANSION JOINTS SHALL BE PLACED TRANSVERSELY AT RADIUS POINTS ON CURVES OR RADIUS 200' OR LESS, AND AT ANGLE POINTS, OR AS DIRECTED BY THE ENGINEER.  
 THE EXPANSION JOINT SHALL BE A ONE PIECE ASPHALTIC MATERIAL HAVING THE SAME DIMENSIONS AS CURB & GUTTER AT CURB & GUTTER SHALL BE PLACED ON THOROUGHLY COMPACTED CRUSHED STONE.

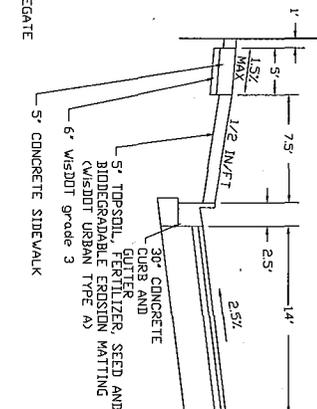
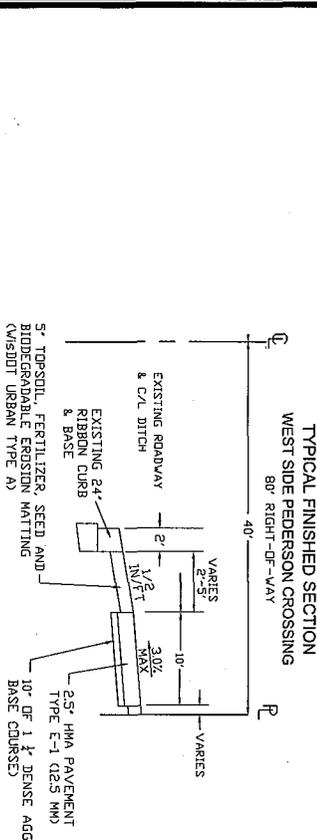
**1 VARIOUS CURB SECTION DETAILS**  
 SCALE: NIS



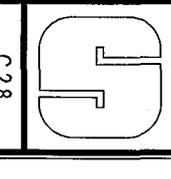
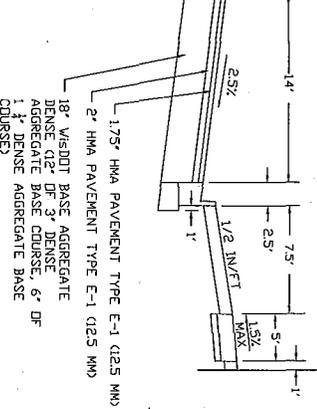
**3 PAVEMENT DETAILS**  
 SCALE: NIS



**2 THICKENED EDGE SIDEWALK DETAIL**  
 SCALE: NIS



**4 CONCRETE SIDEWALK DETAILS**  
 SCALE: NIS



**YAHARA RIVER LEARNING CENTER**  
 MISC. DETAILS  
**SNYDER & ASSOCIATES, INC.**  
 6010 VOGES ROAD  
 MADISON, WISCONSIN 53718  
 608-838-0444 | www.snyder-associates.com

VILLAGE COMMENTS	12/7/16/BCA
UPDATE DETAILS	12/13/16/BCA
PER VILLAGE STANDARDS	1/6/17/BCA
VILLAGE COMMENTS	3/28/17/BCA
REVISION	DATE: BY
Engineer: MLC	Checked By: BCA
Scale: NOTED	
Tech/Drawn: MHW	Date: 10-27-2016
Field Bk: Pg:	
File Location:	
Project Number: 116.0117.30	



