

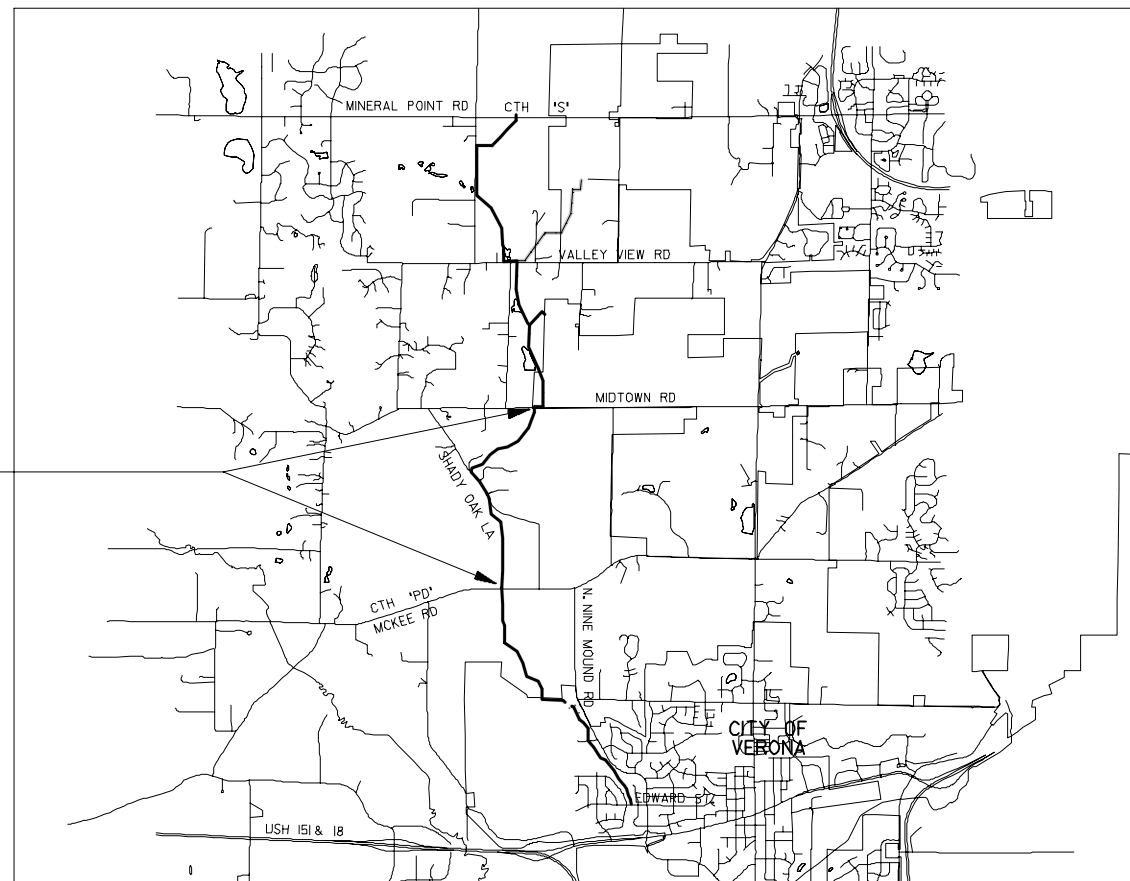
# LOWER BADGER MILL CREEK INTERCEPTOR-PHASE 3

## MADISON METROPOLITAN SEWERAGE DISTRICT DANE COUNTY, WISCONSIN OCTOBER, 2006

### LEGEND

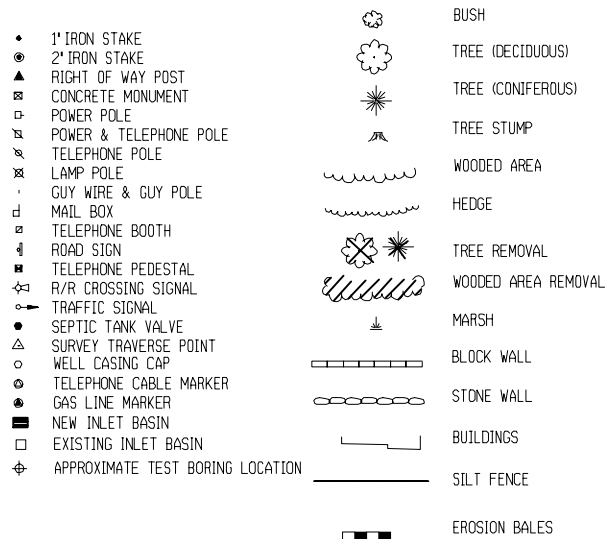


### PROJECT LOCATION:



LOCATION MAP  
NO SCALE

### PHASE 3



### BENCH MARK TABLE

NO.	STATION	DESCRIPTION	ELEV.
12	201+52, 667' RT	SE WING WALL ON BRIDGE WEST OF SHADY OAK LANE	1003.41
13	228+07, 257' RT	NAIL IN PP#6-8-5 38/14 ON SOUTH SIDE OF SHADY OAK LANE, 70' EAST OF HSE#3040	1019.52
14	234+37, 47' RT	BM #358, DRILL HOLE IN CULVERT ON SOUTH SIDE OF SHADY OAK LANE, 400' WEST OF HSE#3040	1015.93
15	248+58, 60' LT	BM 360, 14' NW OF CP 361	1022.91
16	258+99, 168' RT	600 SPIKE IN TREE #456, ACROSS FROM CP 14607	1032.03
17	267+58, 38' RT	600 SPIKE IN TREE #57, 30" BURR OAK BY FENCE	1037.54
18	273+43, 167' LT	600 SPIKE IN PP# 6-8-5 47/45, SOUTH OF CORN FIELD ALONG ATV TRAIL	1029.59
19	283+64, 41' LT	CHISELED "C" NE CORNER OF WING WALL OF BRIDGE, ON MID TOWN ROAD.	1034.12

### NOTE:

HORIZONTAL DATUM IS BASED ON NAD 83 (1997) WISCONSIN COUNTY COORDINATE SYSTEM, DANE COUNTY. VERTICAL DATUM IS BASED ON NGVD29 NGVD29-845.60 = CITY OF MADISON DATUM.

### INDEX TO SHEETS

TITLE 1  
 SHEET ORIENTATION 2-3  
 DETAILS AND EROSION CONTROL 4  
 TRAFFIC CONTROL 5  
 PLAN & PROFILE 6-22

PREPARED FOR



## MADISON METROPOLITAN SEWERAGE DISTRICT

1610 MOORLAND ROAD  
MADISON, WISCONSIN 53713

608-222-1201

PREPARED BY



1210 FOURIER DRIVE, SUITE 100  
MADISON, WISCONSIN 53717

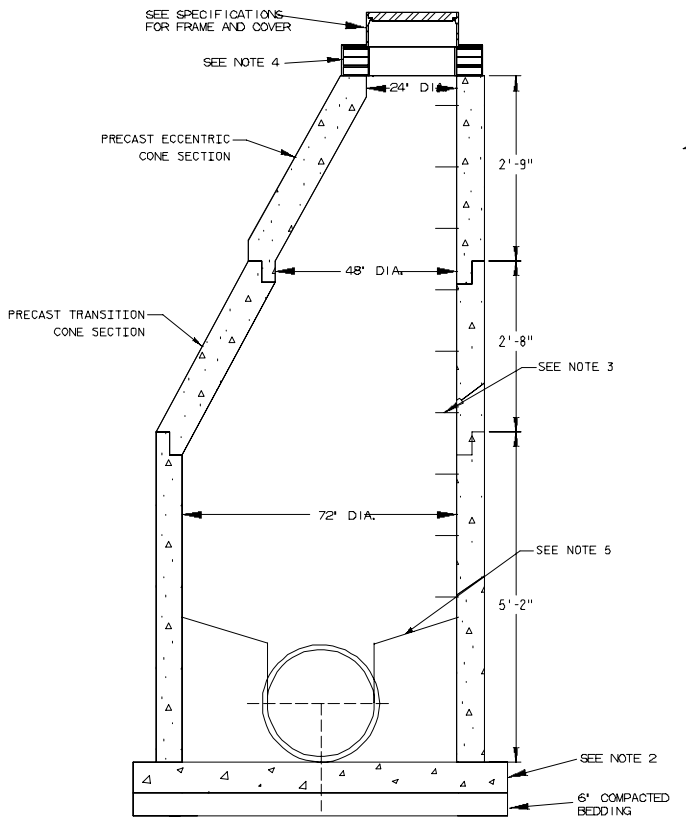
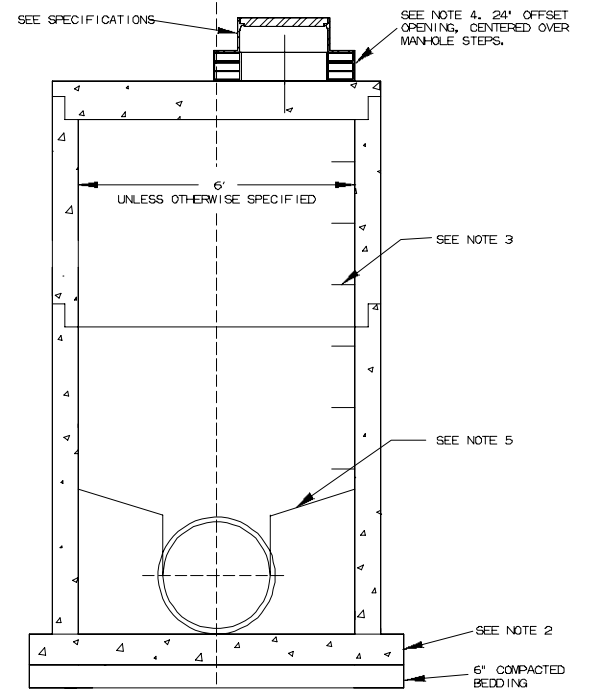
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 PLOT : 17-167.dwg  
 PLOT : 17-168.dwg



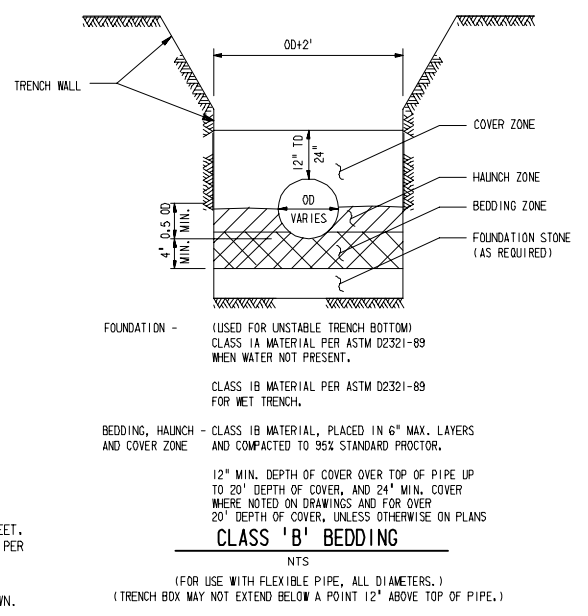
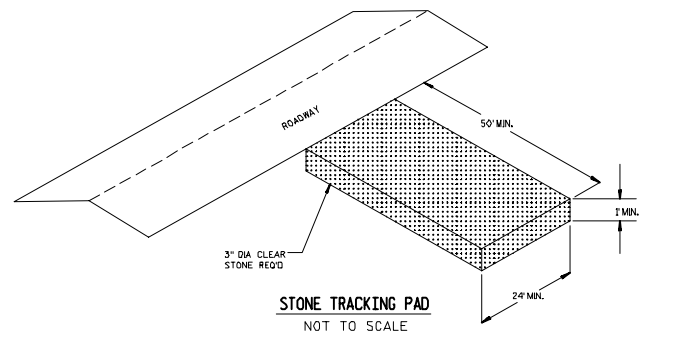
NOTES  
 1. MANHOLE SECTIONS SHALL BE PRECAST REINFORCED CONCRETE, CONSTRUCTED IN ACCORDANCE WITH ASTM C-478.  
 2. THE BASE THICKNESS SHALL BE 8 INCHES FOR DEPTHS 10 FEET OR LESS AND 12 INCHES FOR DEPTHS OVER 10 FEET.  
 3. STEPS, M.A. INDUSTRIES OR EQUAL, SHALL BE PLACED 16 INCHES ON CENTER IN ALL MANHOLES AND INSTALLED PER MANUFACTURER'S RECOMMENDATIONS  
 4. MANHOLE CHIMNEYS SHALL HAVE FROM 6 TO 16 INCHES OF CONCRETE ADJUSTING RINGS.  
 5. THE BENCH SHALL BE 24" HIGH FOR PIPE 24" DIA. OR LARGER, OR TO THE PIPE CROWN AND BE SLOPED AS SHOWN.  
 6. THE INVERT CHANNEL SHALL BE TROWELED TO SMOOTH, DENSE SURFACE AND A SEMICIRCULAR SHAPE CONFORMING TO THE INSIDE OF THE ADJACENT SEWER SECTIONS.

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STANDARD MMSD MANHOLE DETAIL

SPECIAL MMSD MANHOLE DETAIL

TO BE USED FOR MANHOLES 17-162, 17-163, 17-167, 17-168

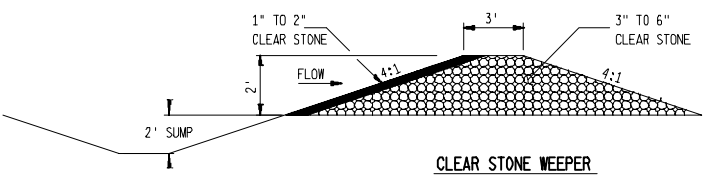
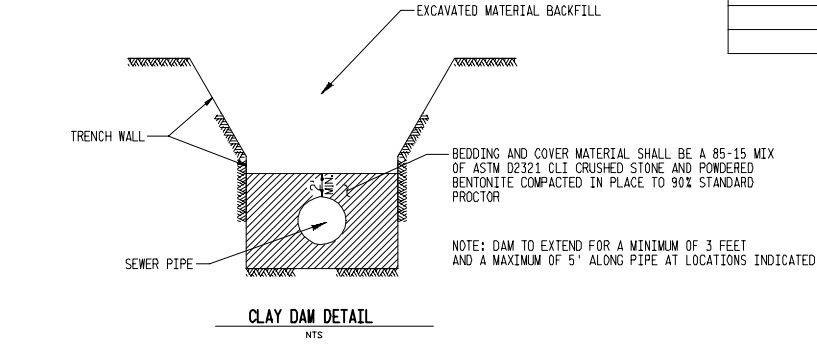
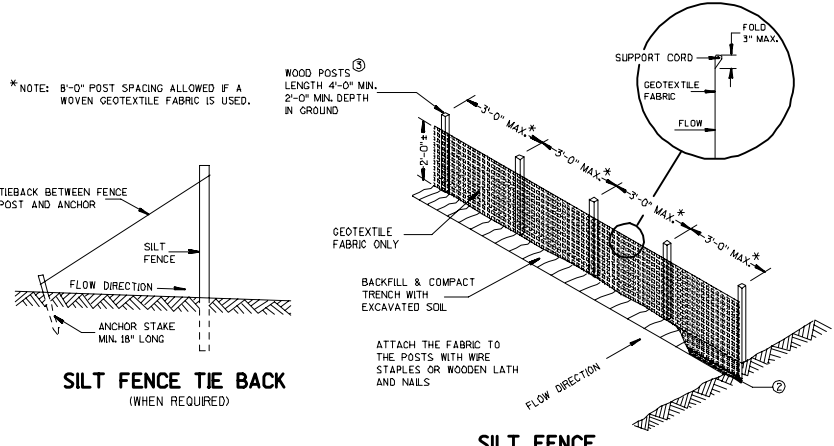
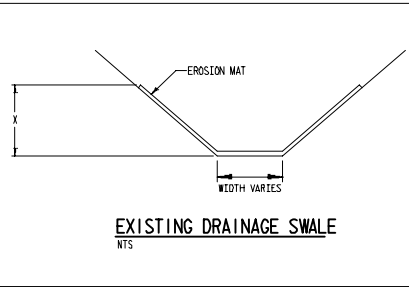


**CLASS 'B' BEDDING**

(FOR USE WITH FLEXIBLE PIPE, ALL DIAMETERS.)  
 (TRENCH BOX MAY NOT EXTEND BELOW A POINT 12' ABOVE TOP OF PIPE.)

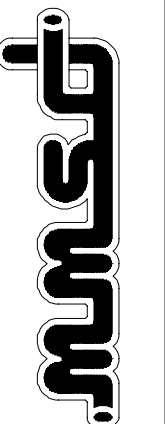
SWALE STABILIZATION TABLE

INTERCEPTOR STATIONING		STABILIZATION METHOD	STABILIZATION HEIGHT
START STATION	END STATION	EROSION MAT	X
202+00	283+90	WISDOT CLASS IIB	2.75 FEET



EROSION CONTROL NOTES:  
 1. DISTURBANCE FOR CONSTRUCTION WITHIN DRAINAGE WAYS OR ON THE BANKS OF DRAINAGE WAYS SHALL BE MINIMIZED TO THE GREATEST EXTENT POSSIBLE. CONTRACTOR SHALL NOT STORE EXCAVATE MATERIAL WITHIN THE DRAINAGE WAY FOR ANY DURATION. IN NO CIRCUMSTANCE SHALL THE DRAINAGE WAY BE BLOCKED IN A MANNER THAT WOULD SIGNIFICANTLY IMPEDE FLOW THROUGH THE DRAINAGE WAY. THE EXCAVATE MATERIAL SHALL BE USED AS BACKFILL WITHIN THESE AREAS.  
 2. CONTRACTOR WILL CONDUCT A MINIMUM OF ONE EROSION CONTROL INSPECTION PER WEEK AND ONE INSPECTION AFTER ANY RAINFALL EVENT EXCEEDING 0.5 INCHES WITHIN A 24-HOUR PERIOD. ANY CORRECTIONS, ADDITIONS OR MAINTENANCE NEEDS NOTED IN THE INSPECTION SHALL BE COMPLETED WITHIN 24-HOURS OF INSPECTION. A COPY OF THE WEEKLY INSPECTION REPORTS WILL BE MAINTAINED FOR THE DURATION OF THE PROJECT AND SHALL BE PROVIDED TO OWNER WITH AS-BUILT PLANS.  
 3. TRENCHES SHALL BE BACKFILLED AT THE END OF EACH WORK DAY TO PRE-CONSTRUCTION GRADE. ALL EXCESS MATERIALS SHALL BE REMOVED FROM THE SITE BY THE CONTRACTOR AND SHALL NOT BE DISPOSED OF OR STORED WITHIN WETLANDS, WATERWAYS, OR FLOODPLAIN AREAS. THE CONTRACTOR MAY LEAVE THE TRENCH OPEN WHERE THEY LEAVE OFF AT THE END OF THE DAY BUT SHALL MINIMIZE THE PORTION OF THE TRENCH LEFT OPEN.  
 4. ALL SILT FENCING AND STONE CHECKS LISTED ON THE PLANS MUST BE INSTALLED PRIOR TO CONSTRUCTION ON LANDS DRAINING TO THE INSTALLATION.  
 5. STONE CHECKS WILL BE ADDED TO SILT FENCE IN AREAS WHERE WATER MAY CONGREGATE AS DIRECTED BY THE ENGINEER IN THE FIELD.  
 6. STONE TRACKING PADS SHALL BE MAINTAINED THROUGHOUT THE PROJECT AND ACCUMULATED SEDIMENTS TRACKED ONTO PUBLIC ROADWAYS SHALL BE REMOVED AT THE END OF EACH WORK DAY AND AS DIRECTED BY THE ENGINEER.  
 7. STABILIZATION SCHEDULES AND REQUIREMENTS OF THE APPROVED EROSION CONTROL PLAN, AND PERMIT REQUIREMENTS SHALL BE FOLLOWED BY THE CONTRACTOR DURING CONSTRUCTION. CONTRACTOR SHALL HAVE COPIES OF THESE PERMITS AND THE EROSION CONTROL PLAN (PREPARED BY OTHERS) WITH THEM IN THE FIELD DURING CONSTRUCTION.  
 8. ANY SEEDING CONDUCTED AFTER OCTOBER 15TH SHALL BE STABILIZED WITH SOIL STABILIZER IN ADDITION TO THE MEASURES PRESCRIBED IN THE EROSION CONTROL PLAN.  
 9. FLOW WITHIN DRAINAGE WAYS MUST BE MAINTAINED AT ALL TIMES.  
 10. DRAINAGE WAY SLOPES DISTURBED DURING CONSTRUCTION SHALL BE BACKFILLED BY THE END OF THE WORK DAY AND THE CONTRACTOR SHALL TRACK THIS SLOPE WITH A BULLDOZER OR OTHER TRACK EQUIPMENT BY OPERATING THE VEHICLE UP AND DOWN THE SLOPE LEAVING BEHIND HORIZONTAL DEPRESSIONS IN THE SOIL.  
 11. THE DRAINAGE WAY SHALL BE STABILIZED BY EROSION MATTING, TURF REINFORCING MATTING, OR OTHER METHODS AS PRESCRIBED IN THE EROSION CONTROL PLAN WITHIN THE STABILIZATION WINDOW PROVIDED. SOIL STABILIZER SHALL BE APPLIED TO ALL DISTURBED AREAS THAT ARE NOT STABILIZED IF RAIN IS FORECAST AND STABILIZATION BY THE DIRECTED METHOD CANNOT BE ACHIEVED PRIOR TO THE ANTICIPATED RAINFALL.  
 12. LAND DISTURBANCE WITHIN AGRICULTURAL AREAS SHALL BE RESTORED BY TEMPORARY SEEDING UNLESS THE LAND OWNER INTENDS TO SEED THE DISTURBED AREA WITHIN 2 WEEKS OF DISTURBANCE.  
 13. SEED MIXTURE AND APPLICATION RATES SHALL COMPLY WITH THE APPLICABLE SECTIONS OF THE SPECIFICATIONS.  
 14. FERTILIZER SHALL BE PLACED PER SECTION 629 OF THE WIS-DOT STANDARD SPECIFICATIONS.  
 15. MULCHING SHALL BE PAVED PER SECTION 627 OF THE WIS-DOT STANDARD SPECIFICATIONS.  
 16. SILT FENCING AND EROSION MATS SHALL BE INSTALLED PER SECTION 628 OF THE WIS-DOT STANDARD SPECIFICATIONS.  
 17. EROSION MATTING AND TURF REINFORCING MATTING USED SHALL BE IN ACCORDANCE WITH THE MATTING SPECIFIED IN THE APPROVED EROSION CONTROL PLAN.  
 18. ALL EXCESS MATERIAL BEYOND THAT REQUIRED TO RESTORE ORIGINAL GRADE SHALL BE REMOVED FROM THE SITE AND DISPOSED OF OFF-SITE BY THE CONTRACTOR. THE CONTRACTOR IS RESPONSIBLE TO LOCATE A SUITABLE DISPOSAL AREA THAT COMPLIES WITH ALL FEDERAL, STATE AND LOCAL REQUIREMENTS.  
 19. CONTRACTOR SHALL MONITOR AND REPAIR ALL DAMAGED OR DESTROYED EROSION CONTROL DEVICES. AREAS WHERE SEEDING HAS NOT ESTABLISHED WITHIN 30 DAYS OF SEEDING SHALL BE RESEED AND STABILIZED AT CONTRACTOR'S EXPENSE.  
 20. CONTRACTOR SHALL RETAIN ALL EMPTY CONTAINERS OR IDENTIFICATION TAGS OF POLYMER AND SEED AS EVIDENCE OF APPLICATION OF THESE EROSION CONTROL MEASURES UNTIL SUCH TIME AS THE PROJECT HAS OBTAINED FINAL ACCEPTANCE.  
 21. THE CONTRACTOR MUST ADHERE TO THE EROSION CONTROL PLAN FOR THE PROJECT, INCLUDING STABILIZATION WINDOWS TO BE IN COMPLIANCE WITH PERMITS OBTAINED FOR THIS PROJECT.  
 22. ANY CHANGES, INCLUDING STABILIZATION WINDOWS, TO THE APPROVED EROSION CONTROL PLAN MUST BE APPROVED BY THE OWNER AND LOCAL GOVERNMENT AGENCIES WITH REVIEW AUTHORITY.

NO.	REVISIONS	DRN	CHK	DATE



LOWER BADGER MILL CREEK INTERCEPTOR PHASE 3  
 DANE COUNTY, WISCONSIN  
**DETAILS & EROSION CONTROL**

DATE	OCTOBER 2006
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DRAWING NO.	
FILE NAME	
SHEET NO.	4

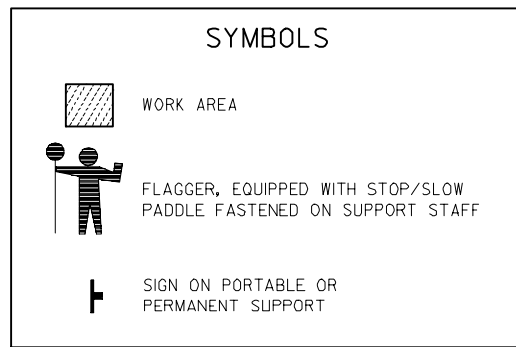
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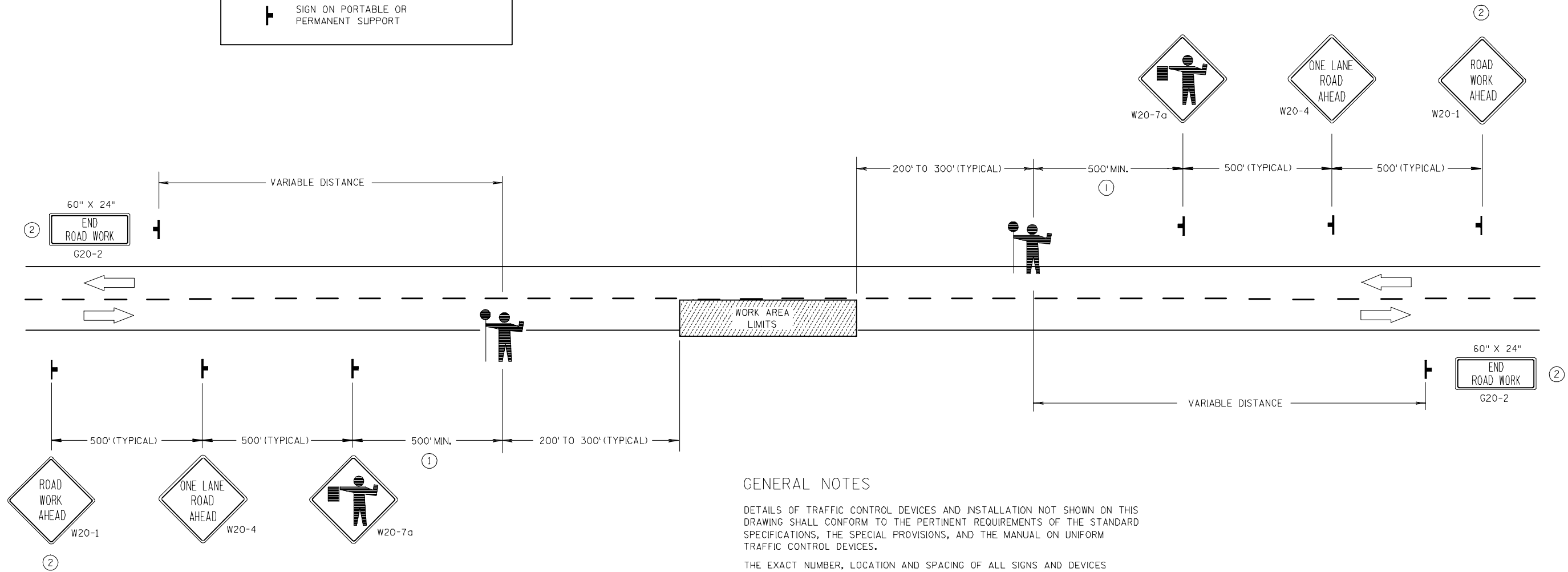
FILED IN: 10/17/06

PRINTED ON: 10/17/06

TWO-LANE ROADWAY



USE OF THE "BE PREPARED TO STOP" SIGN IS OPTIONAL. WHEN USED, THIS SIGN SHALL BE LOCATED BETWEEN THE W20-7a AND W20-4 SIGNS. A 500' TYPICAL SPACING SHALL BE PROVIDED BETWEEN THE SIGNS.



- ① FOR A MOVING WORK OPERATION, SIGNING FOR BOTH DIRECTIONS SHALL BE REESTABLISHED (AS SIMULTANEOUSLY AS PRACTICAL) AT APPROXIMATELY 3500 FOOT INTERVALS IN THE MOVING WORK OPERATION OR AS DIRECTED BY THE ENGINEER.
- ② SIGN NOT REQUIRED IF FLAGGING OPERATION OCCURS WITHIN A SIGNED ROAD WORK ZONE AREA.

**GENERAL NOTES**

DETAILS OF TRAFFIC CONTROL DEVICES AND INSTALLATION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS, THE SPECIAL PROVISIONS, AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS AND DEVICES (AND THE LOCATION OF ALL FLAGGERS) SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.

THE FIRST ADVANCE WARNING SIGN SHOULD TYPICALLY BE LOCATED IN ADVANCE OF THE ANTICIPATED TRAFFIC BACKUP OR QUEUE.

WHEN A SIDE ROAD OR RAMP INTERSECTS THE FACILITY ON WHICH THE WORK IS BEING PERFORMED, ADDITIONAL TRAFFIC CONTROLS SHALL BE PROVIDED AS SPECIFIED IN THE PLANS AND/OR THE SPECIAL PROVISIONS OR AS DIRECTED BY THE ENGINEER.

FLAGGERS SHALL BE IN SIGHT OF EACH OTHER OR IN DIRECT COMMUNICATION AT ALL TIMES. THEY SHALL BE EQUIPPED WITH STOP/SLOW PADDLES FASTENED ON SUPPORT STAFFS. WHEN THE FLAGGING OPERATION IS NOT IN EFFECT, THE "FLAGGER AHEAD", THE "ROAD WORK AHEAD" AND THE ONE LANE ROAD AHEAD" SIGNS SHALL BE COVERED OR REMOVED AND THE HIGHWAY RESTORED TO NORMAL OPERATION.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

WHERE SANITARY SEWER IS TO BE INSTALLED ACROSS ROADWAY BY OPEN CUT METHODS, CONTRACTOR SHALL MAINTAIN AT LEAST ONE LANE OF TRAFFIC EITHER ON EXISTING PAVEMENT OR ON TEMPORARY BYPASS LANE CONSTRUCTED BY CONTRACTOR. PROVIDE TRAFFIC CONTROL AND FLAG PERSONS AS INDICATED ABOVE.

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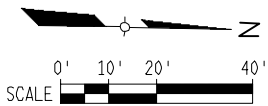
NO.	REVISIONS	DRN	CHK	DATE

MADISON

DRN	DES	CHK	APP

LOWER BADGER MILL CREEK  
 INTERCEPTOR  
 PHASE 3  
 DANE COUNTY, WISCONSIN  
**TRAFFIC CONTROL**

DATE	OCTOBER 2006
PROJECT NO.	84025
DRAWING NO.	
FILE NAME	
SHEET NO.	5



RAYMOND L & SHIRLEY J MAURER  
LOT ID# 06080819007

LOT 1 CSM 9782 CS566/271&272-8/9/2000  
DESCR AS SEC 8-6-8 PRT  
RAYMOND L & SHIRLEY J MAURER  
LOT ID# 060808195020

SEE SWALE STABILIZATION TABLE ON DETAIL SHEET #4  
FOR EROSION CONTROL ALONG AND WITHIN DRAINAGE WAY.  
FROM STA 150+00 TO STA 201+40 APPLY POLYMER SOIL  
STABILIZER WITHIN 1 WEEK OF TRENCH BEING BACKFILLED.

**DIGGERS HOTLINE**  
Toll Free (800) 343-8511  
Milwaukee Area (414) 259-1151  
Hearing Impaired TDD (800) 542-2288  
www.DiggersHotline.com

NOTES:  
EXISTING UTILITIES SHOWN IN PLAN AND PROFILE ARE INDICATED  
IN ACCORDANCE WITH AVAILABLE RECORDS. OTHER UTILITIES MAY  
ALSO BE PRESENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR  
OBTAINING EXACT LOCATIONS AND ELEVATIONS OF ALL UTILITIES,  
INCLUDING SEWER AND WATER FROM THE OWNERS OF THE  
RESPECTIVE UTILITIES. ALL UTILITY OWNERS SHALL BE NOTIFIED  
BY THE CONTRACTOR 72 HOURS PRIOR TO EXCAVATION.

SEC 8-6-8 SE1/4NE1/4 EXC D811/460 &  
R13677/91  
RUSSELL C & MARJORIE MARTY  
LOT ID # 060808185004

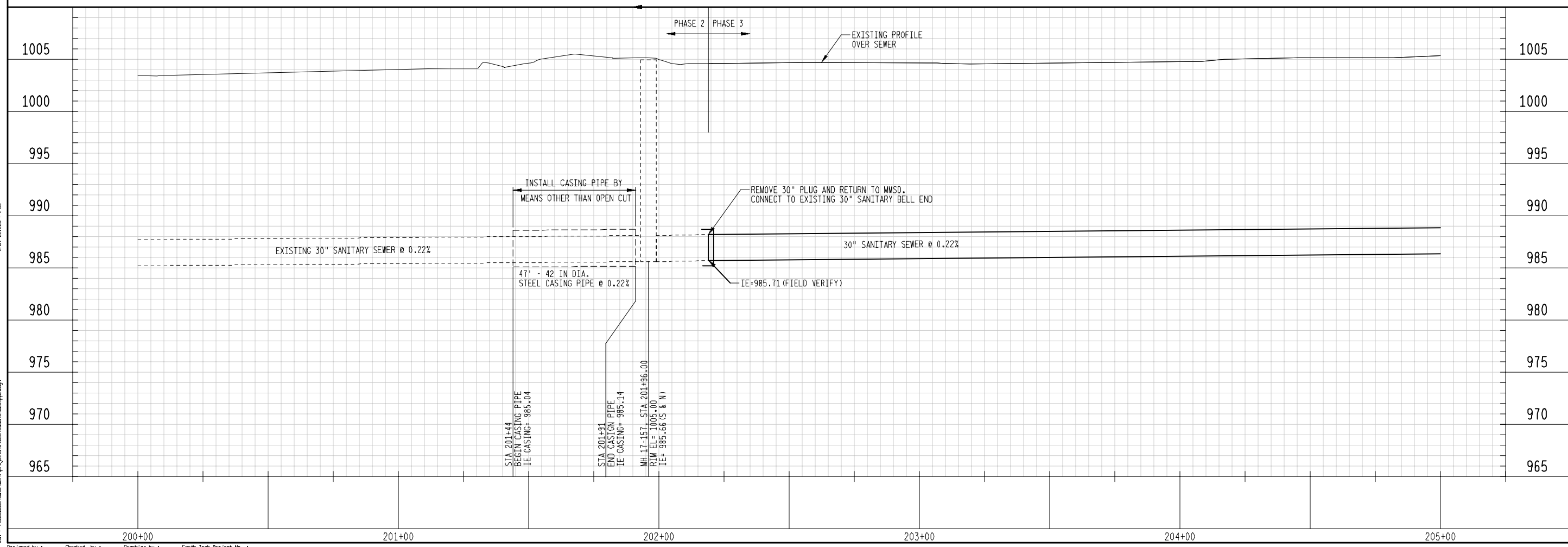
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RAYMOND L & SHIRLEY J MAURER  
LOT ID# 060808181000

NOTE: CONTRACTOR SHALL STRIP, STOCKPILE AND SEGREGATE TOPSOIL FROM  
OVER TOP OF TRENCH PRIOR TO START OF CONSTRUCTION. TRENCH RESTORATION  
SHALL INCLUDE REPLACEMENT OF TOPSOIL TO ORIGINAL DEPTH ENCOUNTERED.  
ALL AREAS ACROSS PERMANENT AND TEMPORARY EASEMENTS IN  
AGRICULTURE FIELDS SHALL BE DEEP TILLED FOLLOWING CONSTRUCTION.

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DATE	OCTOBER 2006
PROJECT NO.	84025
DRAWING NO.	
FILE NAME	
SHEET NO.	6

DRN	DES	CHK	APP	DATE

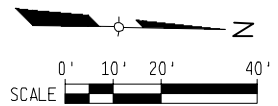
  

NO.	REVISIONS	DRN	CHK	DATE

MADISON METROPOLITAN SEWERAGE DISTRICT

LOWER BADGER MILL CREEK INTERCEPTOR SEWER - PHASE 3

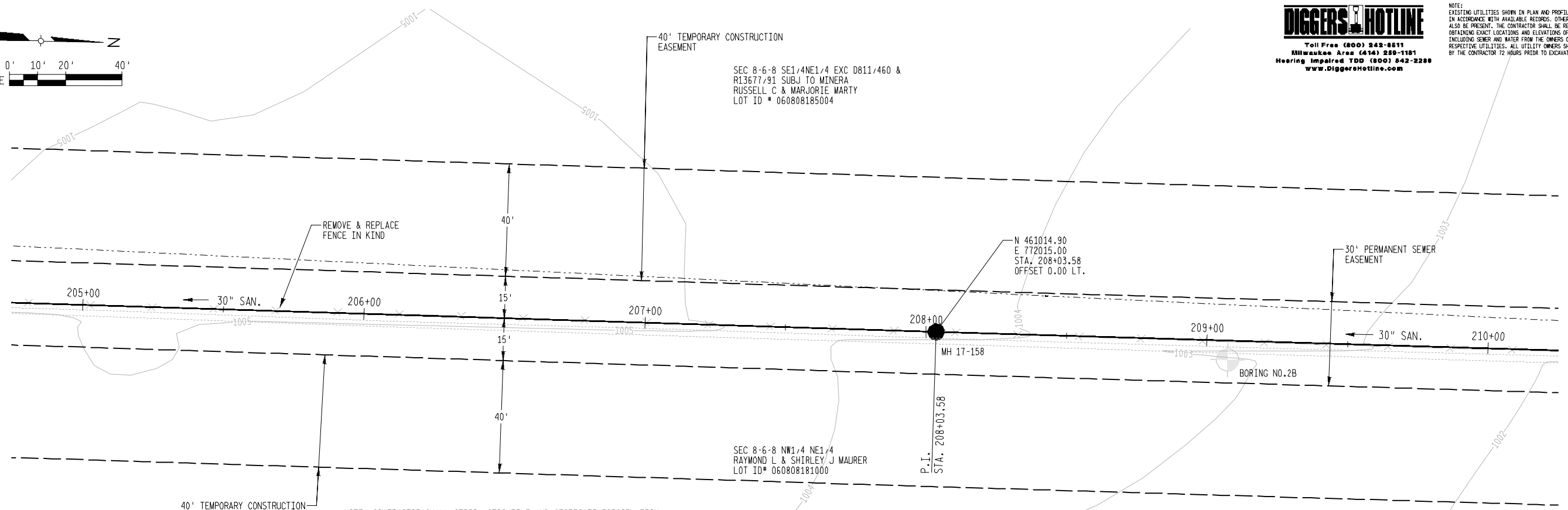


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SEC 8-6-8 SE1/4NE1/4 EXC D811/460 &  
 R13677/91 SUBJ TO MINERA  
 RUSSELL C & MARJORIE MARTY  
 LOT ID # 060808185004

SEC 8-6-8 NW1/4 NE1/4  
 RAYMOND L & SHIRLEY J MAURER  
 LOT ID # 060808181000

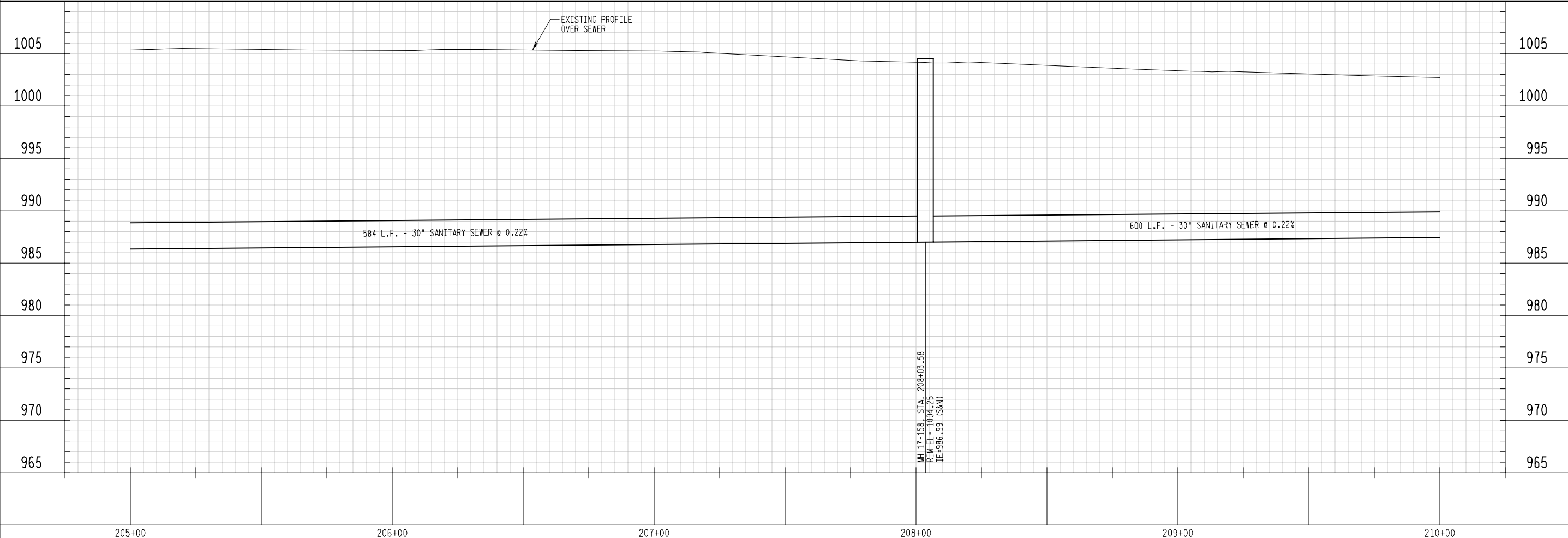


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 FILE: \\nasdall\labo\work\projects\84025\Cadd\shdw\p5.dwg  
 PLOT: LEVELS = 1:50

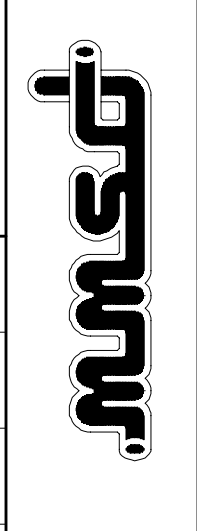
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 PLOT: LEVELS = 1:4.45:23  
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 PLOT: LEVELS = 1:4.45:23  
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 PLOT: LEVELS = 1:4.45:23  
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 PLOT: LEVELS = 1:50

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 DATE: Nov 06 09:10:11 2006  
 PLOT: LEVELS = 1:50  
 FILE: \\nasdall\labo\work\projects\84025\Cadd\border\_pp\shdw\p2.dwg  
 PLOT: LEVELS = 1:50



NO.	REVISIONS	DRN	CHK	DATE

MADISON	DRN	DES	CHK	APP	DATE



LOWER BADGER MILL CREEK INTERCEPTOR SEWER - PHASE 3
MADISON METROPOLITAN SEWERAGE DISTRICT
DATE: OCTOBER 2006
PROJECT NO.: 84025
DRAWING NO.:
FILE NAME:
SHEET NO.: 7



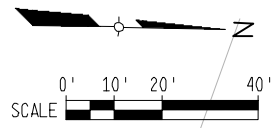
Toll Free (800) 348-8811  
 Milwaukee Area (414) 889-1181  
 Hearing Impaired TDD (800) 842-2288  
 www.DiggerHotline.com

NOTES:  
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NOTE: CONTRACTOR SHALL STRIP, STOCKPILE AND SEGREGATE TOPSOIL FROM OVER TOP OF TRENCH PRIOR TO START OF CONSTRUCTION. TRENCH RESTORATION SHALL INCLUDE REPLACEMENT OF TOPSOIL TO ORIGINAL DEPTH ENCOUNTERED. ALL AREAS ACROSS PERMANENT AND TEMPORARY EASEMENTS IN AGRICULTURE FIELDS SHALL BE DEEP TILLED FOLLOWING CONSTRUCTION.

SEC 8-6-8 SE1/4NE1/4 EXC D811/460 & R13677/91 SUBJ TO MINERA RUSSELL C & MARJORIE MARTY LOT ID # 060808185004

SEC 8-6-8 NW1/4 NE1/4 RAYMOND L & SHIRLEY J MAURER LOT ID # 060808181000



SEE SWALE STABILIZATION TABLE ON DETAIL SHEET #4 FOR EROSION CONTROL ALONG AND WITHIN DRAINAGE WAY.

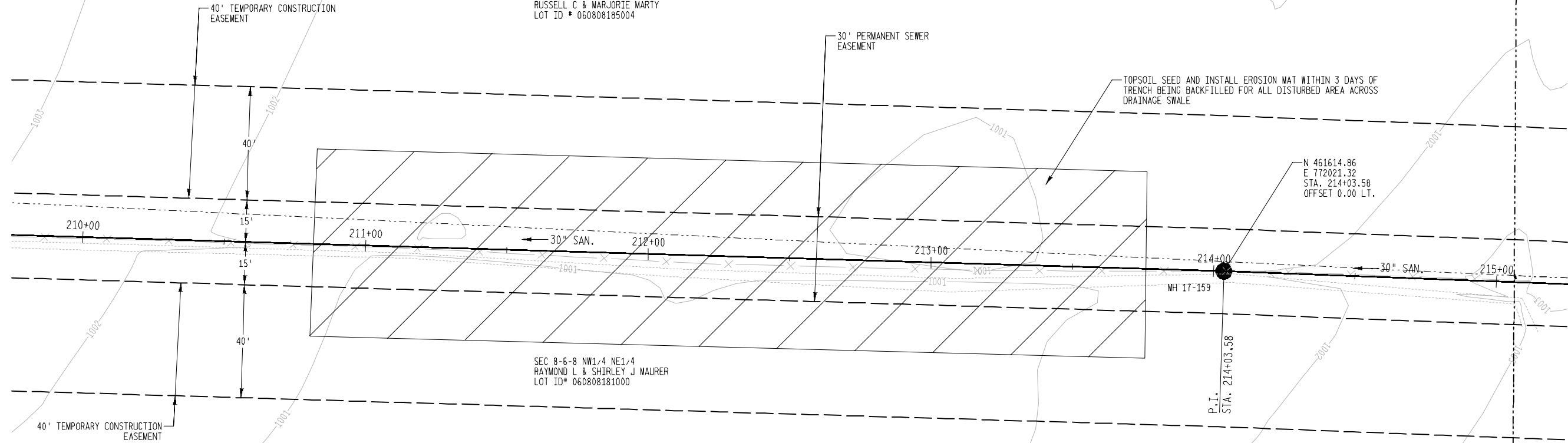


FIG 1: \\namesdl\data\work\projects\84025\Cadd\hr\_schematic.dwg (R1)  
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 FIG 3: \\namesdl\data\work\projects\84025\Cadd\hr\_schematic.dwg (R1)  
 FIG 4: \\namesdl\data\work\projects\84025\Cadd\hr\_schematic.dwg (R1)  
 FIG 5: \\namesdl\data\work\projects\84025\Cadd\hr\_schematic.dwg (R1)  
 FIG 6: \\namesdl\data\work\projects\84025\Cadd\hr\_schematic.dwg (R1)  
 FIG 7: \\namesdl\data\work\projects\84025\Cadd\hr\_schematic.dwg (R1)  
 FIG 8: \\namesdl\data\work\projects\84025\Cadd\hr\_schematic.dwg (R1)  
 FIG 9: \\namesdl\data\work\projects\84025\Cadd\hr\_schematic.dwg (R1)  
 FIG 10: \\namesdl\data\work\projects\84025\Cadd\hr\_schematic.dwg (R1)

FIG 1: \\namesdl\data\work\projects\84025\Cadd\hr\_schematic.dwg (R1)  
 FIG 2: \\namesdl\data\work\projects\84025\Cadd\hr\_schematic.dwg (R1)  
 FIG 3: \\namesdl\data\work\projects\84025\Cadd\hr\_schematic.dwg (R1)  
 FIG 4: \\namesdl\data\work\projects\84025\Cadd\hr\_schematic.dwg (R1)  
 FIG 5: \\namesdl\data\work\projects\84025\Cadd\hr\_schematic.dwg (R1)  
 FIG 6: \\namesdl\data\work\projects\84025\Cadd\hr\_schematic.dwg (R1)  
 FIG 7: \\namesdl\data\work\projects\84025\Cadd\hr\_schematic.dwg (R1)  
 FIG 8: \\namesdl\data\work\projects\84025\Cadd\hr\_schematic.dwg (R1)  
 FIG 9: \\namesdl\data\work\projects\84025\Cadd\hr\_schematic.dwg (R1)  
 FIG 10: \\namesdl\data\work\projects\84025\Cadd\hr\_schematic.dwg (R1)

FIG 1: \\namesdl\data\work\projects\84025\Cadd\hr\_schematic.dwg (R1)  
 FIG 2: \\namesdl\data\work\projects\84025\Cadd\hr\_schematic.dwg (R1)  
 FIG 3: \\namesdl\data\work\projects\84025\Cadd\hr\_schematic.dwg (R1)  
 FIG 4: \\namesdl\data\work\projects\84025\Cadd\hr\_schematic.dwg (R1)  
 FIG 5: \\namesdl\data\work\projects\84025\Cadd\hr\_schematic.dwg (R1)  
 FIG 6: \\namesdl\data\work\projects\84025\Cadd\hr\_schematic.dwg (R1)  
 FIG 7: \\namesdl\data\work\projects\84025\Cadd\hr\_schematic.dwg (R1)  
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NO.	REVISIONS	DRN	CHK	DATE

MADISON	DRN	DES	CHK	APP	DATE



LOWER BADGER MILL CREEK  
 INTERCEPTOR SEWER - PHASE 3  
 MADISON METROPOLITAN  
 SEWERAGE DISTRICT

DATE	OCTOBER 2006
PROJECT NO.	84025
DRAWING NO.	
FILE NAME	
SHEET NO.	8

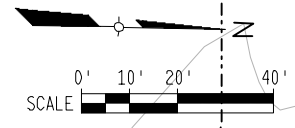


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DATE = 09/15/06  
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CHECKED BY: [unreadable]  
DESIGNED BY: [unreadable]

FIG 2 - 4/20/06  
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DATE = 09/15/06  
DRAWN BY: [unreadable]  
CHECKED BY: [unreadable]  
DESIGNED BY: [unreadable]

FIG 3 - 4/20/06  
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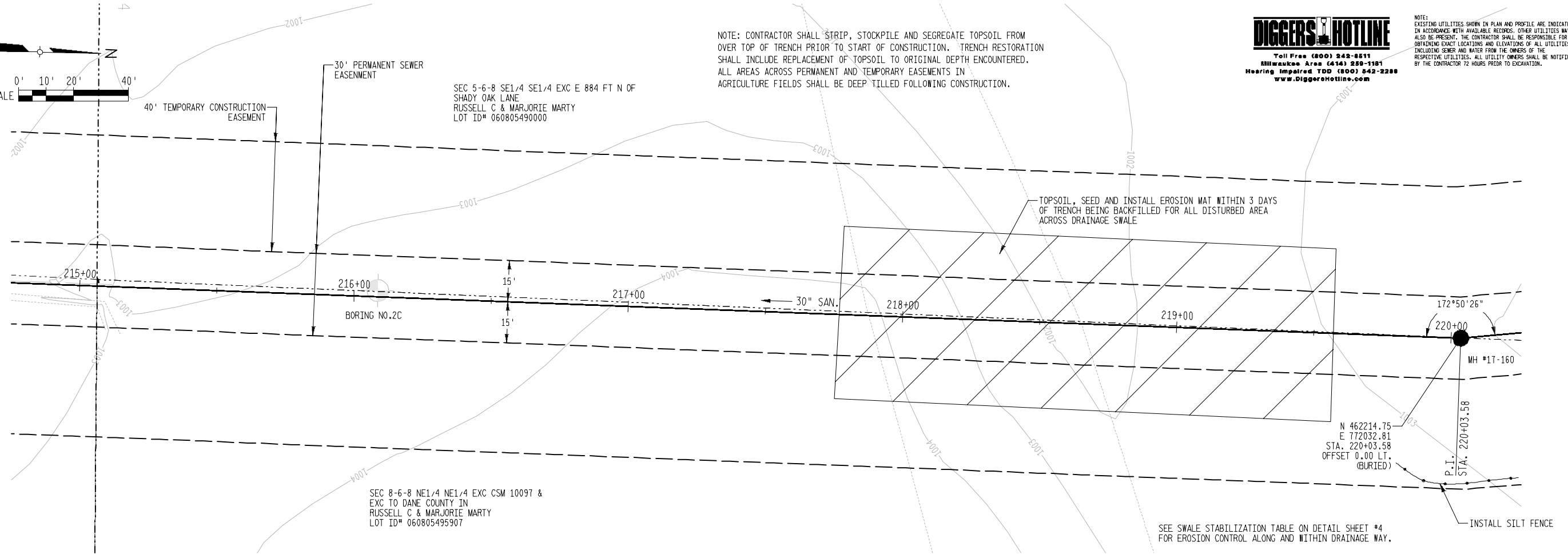
EARTH TECH COMPUTER AIDED DESIGN & DRAFTING



NOTE: CONTRACTOR SHALL STRIP, STOCKPILE AND SEGREGATE TOPSOIL FROM OVER TOP OF TRENCH PRIOR TO START OF CONSTRUCTION. TRENCH RESTORATION SHALL INCLUDE REPLACEMENT OF TOPSOIL TO ORIGINAL DEPTH ENCOUNTERED. ALL AREAS ACROSS PERMANENT AND TEMPORARY EASEMENTS IN AGRICULTURE FIELDS SHALL BE DEEP TILLED FOLLOWING CONSTRUCTION.

**DIGGERS HOTLINE**  
Toll Free (800) 343-8311  
Milwaukee Area (414) 529-1181  
Hearing Impaired TDD (800) 842-2288  
www.DiggersHotline.com

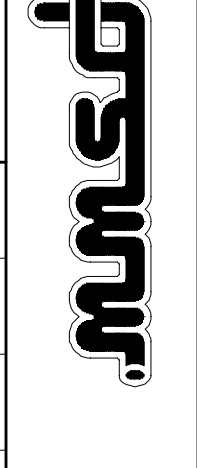
NOTES:  
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NO.	REVISIONS	DRN	CHK	DATE

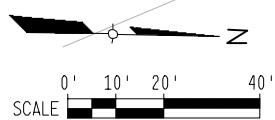
MADISON  
DRN DES CHK APP

DATE



LOWER BADGER MILL CREEK  
INTERCEPTOR SEWER - PHASE 3  
MADISON METROPOLITAN  
SEWERAGE DISTRICT

DATE: OCTOBER 2006  
PROJECT NO.: 84025  
DRAWING NO.:  
FILE NAME:  
SHEET NO.: 9

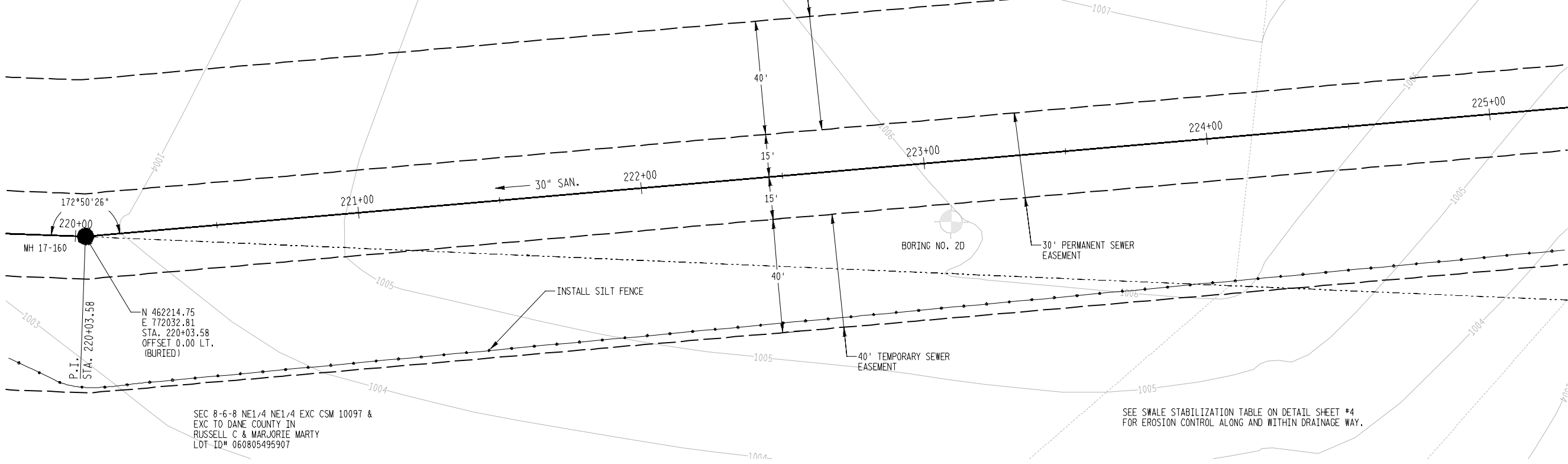


SEC 5-6-8 SE1/4 SE1/4 EXC E 884 FT N OF SHADY OAK LANE  
 RUSSELL C & MARJORIE MARTY  
 LOT ID# 060805490000

NOTE: CONTRACTOR SHALL STRIP, STOCKPILE AND SEGREGATE TOPSOIL FROM OVER TOP OF TRENCH PRIOR TO START OF CONSTRUCTION. TRENCH RESTORATION SHALL INCLUDE REPLACEMENT OF TOPSOIL TO ORIGINAL DEPTH ENCOUNTERED. ALL AREAS ACROSS PERMANENT AND TEMPORARY EASEMENTS IN AGRICULTURE FIELDS SHALL BE DEEP TILLED FOLLOWING CONSTRUCTION.

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 PLOT: LEVELS = 14,45-23  
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 PLOT: LEVELS = 14,45-23  
 PLOT: \\nasd01\laba\work\projects\84025\Cadd\border.sp  
 PLOT: LEVELS = 14,45-23

FILE: \\nasd01\laba\work\projects\84025\Cadd\border.sp  
 PLOT: LEVELS = 14,45-23  
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 PLOT: LEVELS = 14,45-23  
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NO.	REVISIONS	DRN	CHK	DATE

DRN	DES	CHK	APP	DATE

LOWER BADGER MILL CREEK  
 INTERCEPTOR SEWER - PHASE 3  
 MADISON METROPOLITAN  
 SEWERAGE DISTRICT

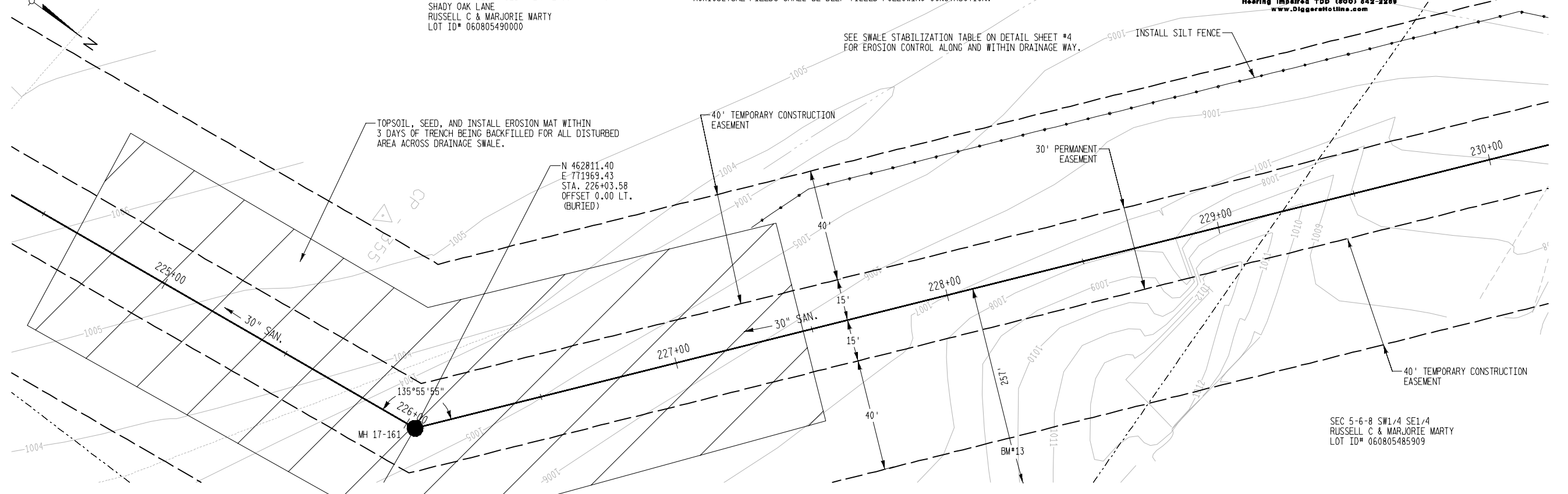
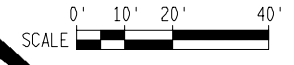
DATE	OCTOBER 2006
PROJECT NO.	84025
DRAWING NO.	
FILE NAME	
SHEET NO.	10



NOTE: EXISTING UTILITIES SHOWN IN PLAN AND PROFILE ARE INDICATED IN ACCORDANCE WITH AVAILABLE RECORDS. OTHER UTILITIES MAY ALSO BE PRESENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING EXACT LOCATIONS AND ELEVATIONS OF ALL UTILITIES, INCLUDING SEWER AND WATER FROM THE OWNERS OF THE RESPECTIVE UTILITIES. ALL UTILITY OWNERS SHALL BE NOTIFIED BY THE CONTRACTOR 12 HOURS PRIOR TO EXCAVATION.

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SEC 5-6-8 SE1/4 SE1/4 EXC E 884 FT N OF SHADY OAK LANE RUSSELL C & MARJORIE MARTY LOT ID# 060805490000



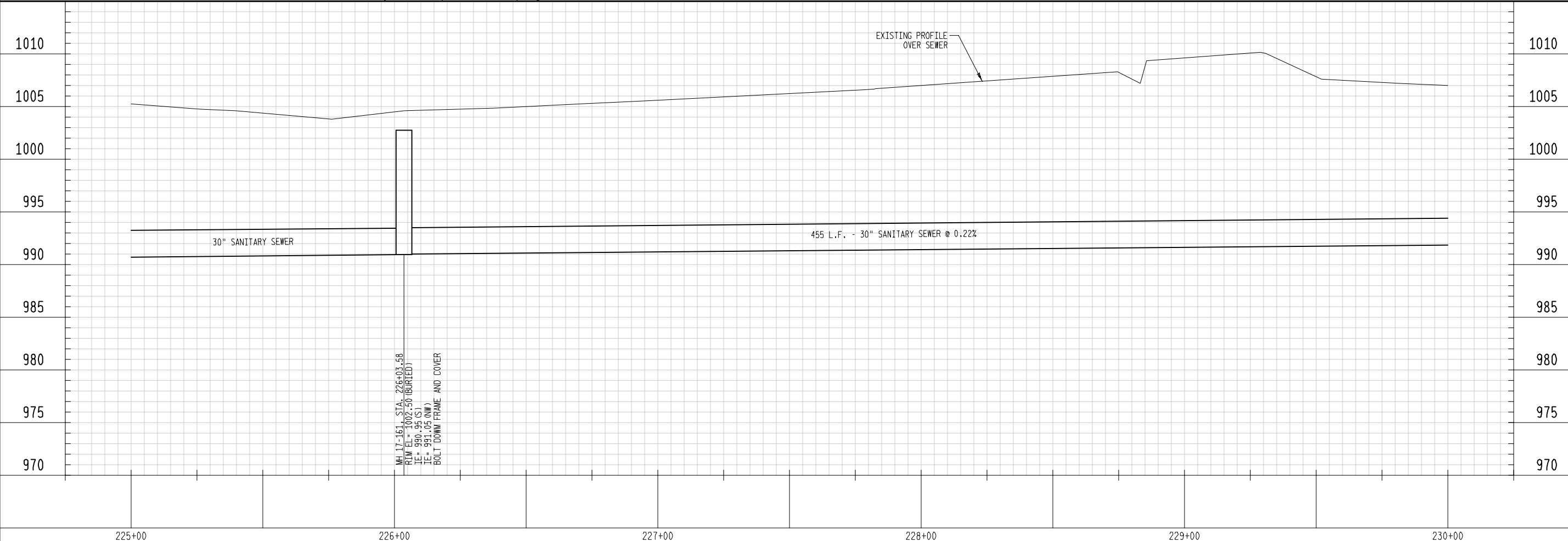
TOPSOIL, SEED, AND INSTALL EROSION MAT WITHIN 3 DAYS OF TRENCH BEING BACK-FILLED FOR ALL DISTURBED AREA ACROSS DRAINAGE SWALE.

N 462811.40  
E 771969.43  
STA. 226+03.58  
OFFSET 0.00 LT.  
(BURIED)

SEC 5-6-8 SW1/4 SE1/4  
RUSSELL C & MARJORIE MARTY  
LOT ID# 060805485909

FIG 1: \\nasdall\labo\work\proj\sec5\84025\Cadd\dwg\fig1.dwg  
FIG 2: \\nasdall\labo\work\proj\sec5\84025\Cadd\dwg\fig2.dwg  
FIG 3: \\nasdall\labo\work\proj\sec5\84025\Cadd\dwg\fig3.dwg  
FIG 4: \\nasdall\labo\work\proj\sec5\84025\Cadd\dwg\fig4.dwg  
FIG 5: \\nasdall\labo\work\proj\sec5\84025\Cadd\dwg\fig5.dwg  
FIG 6: \\nasdall\labo\work\proj\sec5\84025\Cadd\dwg\fig6.dwg  
FIG 7: \\nasdall\labo\work\proj\sec5\84025\Cadd\dwg\fig7.dwg  
FIG 8: \\nasdall\labo\work\proj\sec5\84025\Cadd\dwg\fig8.dwg  
FIG 9: \\nasdall\labo\work\proj\sec5\84025\Cadd\dwg\fig9.dwg  
FIG 10: \\nasdall\labo\work\proj\sec5\84025\Cadd\dwg\fig10.dwg  
FIG 11: \\nasdall\labo\work\proj\sec5\84025\Cadd\dwg\fig11.dwg  
FIG 12: \\nasdall\labo\work\proj\sec5\84025\Cadd\dwg\fig12.dwg  
FIG 13: \\nasdall\labo\work\proj\sec5\84025\Cadd\dwg\fig13.dwg  
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FIG 15: \\nasdall\labo\work\proj\sec5\84025\Cadd\dwg\fig15.dwg

FIG 1: \\nasdall\labo\work\proj\sec5\84025\Cadd\dwg\fig1.dwg  
FIG 2: \\nasdall\labo\work\proj\sec5\84025\Cadd\dwg\fig2.dwg  
FIG 3: \\nasdall\labo\work\proj\sec5\84025\Cadd\dwg\fig3.dwg  
FIG 4: \\nasdall\labo\work\proj\sec5\84025\Cadd\dwg\fig4.dwg  
FIG 5: \\nasdall\labo\work\proj\sec5\84025\Cadd\dwg\fig5.dwg  
FIG 6: \\nasdall\labo\work\proj\sec5\84025\Cadd\dwg\fig6.dwg  
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FIG 8: \\nasdall\labo\work\proj\sec5\84025\Cadd\dwg\fig8.dwg  
FIG 9: \\nasdall\labo\work\proj\sec5\84025\Cadd\dwg\fig9.dwg  
FIG 10: \\nasdall\labo\work\proj\sec5\84025\Cadd\dwg\fig10.dwg  
FIG 11: \\nasdall\labo\work\proj\sec5\84025\Cadd\dwg\fig11.dwg  
FIG 12: \\nasdall\labo\work\proj\sec5\84025\Cadd\dwg\fig12.dwg  
FIG 13: \\nasdall\labo\work\proj\sec5\84025\Cadd\dwg\fig13.dwg  
FIG 14: \\nasdall\labo\work\proj\sec5\84025\Cadd\dwg\fig14.dwg  
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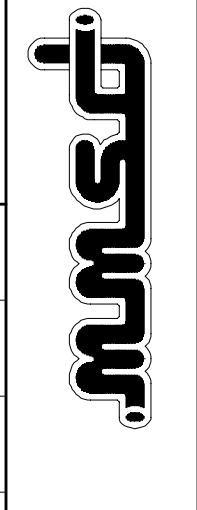


MH 17-161 STA. 226+03.58  
RIM EL = 1002.50 (BURIED)  
TE = 990.92 (S)  
TC = 991.06 (NW)  
BOLT DOWN FRAME AND COVER

FIG 1: \\nasdall\labo\work\proj\sec5\84025\Cadd\dwg\fig1.dwg  
FIG 2: \\nasdall\labo\work\proj\sec5\84025\Cadd\dwg\fig2.dwg  
FIG 3: \\nasdall\labo\work\proj\sec5\84025\Cadd\dwg\fig3.dwg  
FIG 4: \\nasdall\labo\work\proj\sec5\84025\Cadd\dwg\fig4.dwg  
FIG 5: \\nasdall\labo\work\proj\sec5\84025\Cadd\dwg\fig5.dwg  
FIG 6: \\nasdall\labo\work\proj\sec5\84025\Cadd\dwg\fig6.dwg  
FIG 7: \\nasdall\labo\work\proj\sec5\84025\Cadd\dwg\fig7.dwg  
FIG 8: \\nasdall\labo\work\proj\sec5\84025\Cadd\dwg\fig8.dwg  
FIG 9: \\nasdall\labo\work\proj\sec5\84025\Cadd\dwg\fig9.dwg  
FIG 10: \\nasdall\labo\work\proj\sec5\84025\Cadd\dwg\fig10.dwg  
FIG 11: \\nasdall\labo\work\proj\sec5\84025\Cadd\dwg\fig11.dwg  
FIG 12: \\nasdall\labo\work\proj\sec5\84025\Cadd\dwg\fig12.dwg  
FIG 13: \\nasdall\labo\work\proj\sec5\84025\Cadd\dwg\fig13.dwg  
FIG 14: \\nasdall\labo\work\proj\sec5\84025\Cadd\dwg\fig14.dwg  
FIG 15: \\nasdall\labo\work\proj\sec5\84025\Cadd\dwg\fig15.dwg

NO.	REVISIONS	DRN	CHK	DATE

DRN	DES	CHK	APP	DATE

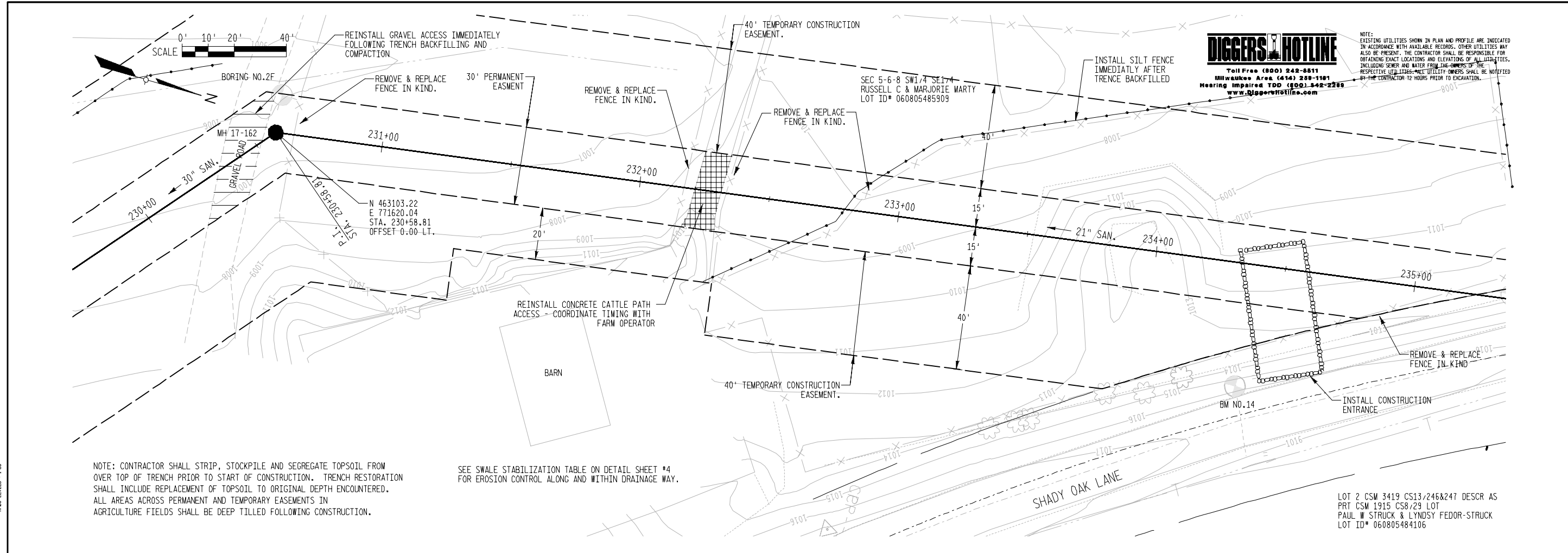


LOWER BADGER MILL CREEK INTERCEPTOR SEWER - PHASE 3
MADISON METROPOLITAN SEWERAGE DISTRICT
DATE: OCTOBER 2006
PROJECT NO. 84025
DRAWING NO.
FILE NAME
SHEET NO. 11

FIG 1 : \\nasd\dl\labo\work\proj\proj\84025\Cadd\border.sp;sho\sho.dwg(RFD)  
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 FIG 3 : \\nasd\dl\labo\work\proj\proj\84025\Cadd\border.sp;sho\sho.dwg(RFD)  
 FIG 4 : \\nasd\dl\labo\work\proj\proj\84025\Cadd\border.sp;sho\sho.dwg(RFD)  
 FIG 5 : \\nasd\dl\labo\work\proj\proj\84025\Cadd\border.sp;sho\sho.dwg(RFD)  
 FIG 6 : \\nasd\dl\labo\work\proj\proj\84025\Cadd\border.sp;sho\sho.dwg(RFD)  
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 FIG 8 : \\nasd\dl\labo\work\proj\proj\84025\Cadd\border.sp;sho\sho.dwg(RFD)

FIG 1 : \\nasd\dl\labo\work\proj\proj\84025\Cadd\border.sp;sho\sho.dwg(RFD)  
 FIG 2 : \\nasd\dl\labo\work\proj\proj\84025\Cadd\border.sp;sho\sho.dwg(RFD)  
 FIG 3 : \\nasd\dl\labo\work\proj\proj\84025\Cadd\border.sp;sho\sho.dwg(RFD)  
 FIG 4 : \\nasd\dl\labo\work\proj\proj\84025\Cadd\border.sp;sho\sho.dwg(RFD)  
 FIG 5 : \\nasd\dl\labo\work\proj\proj\84025\Cadd\border.sp;sho\sho.dwg(RFD)  
 FIG 6 : \\nasd\dl\labo\work\proj\proj\84025\Cadd\border.sp;sho\sho.dwg(RFD)  
 FIG 7 : \\nasd\dl\labo\work\proj\proj\84025\Cadd\border.sp;sho\sho.dwg(RFD)  
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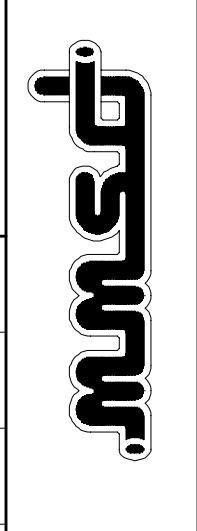


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NO.	REVISIONS	CHK	DRN	DATE

DRN	DES	CHK	APP	DATE

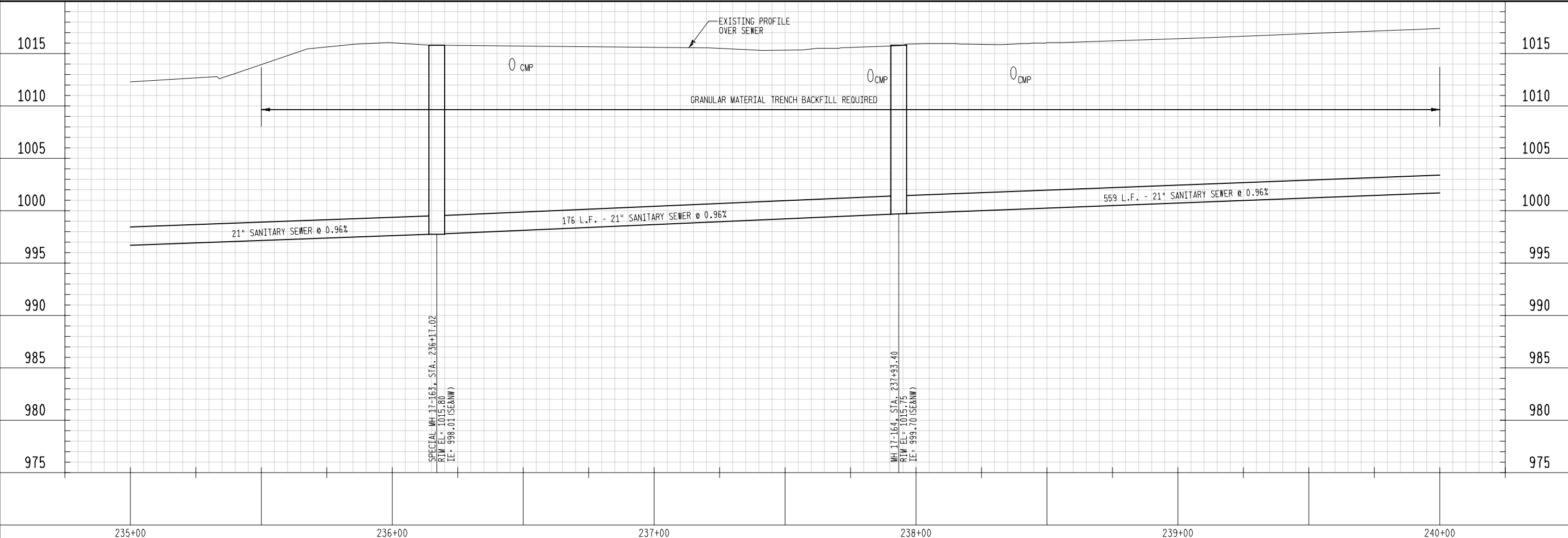
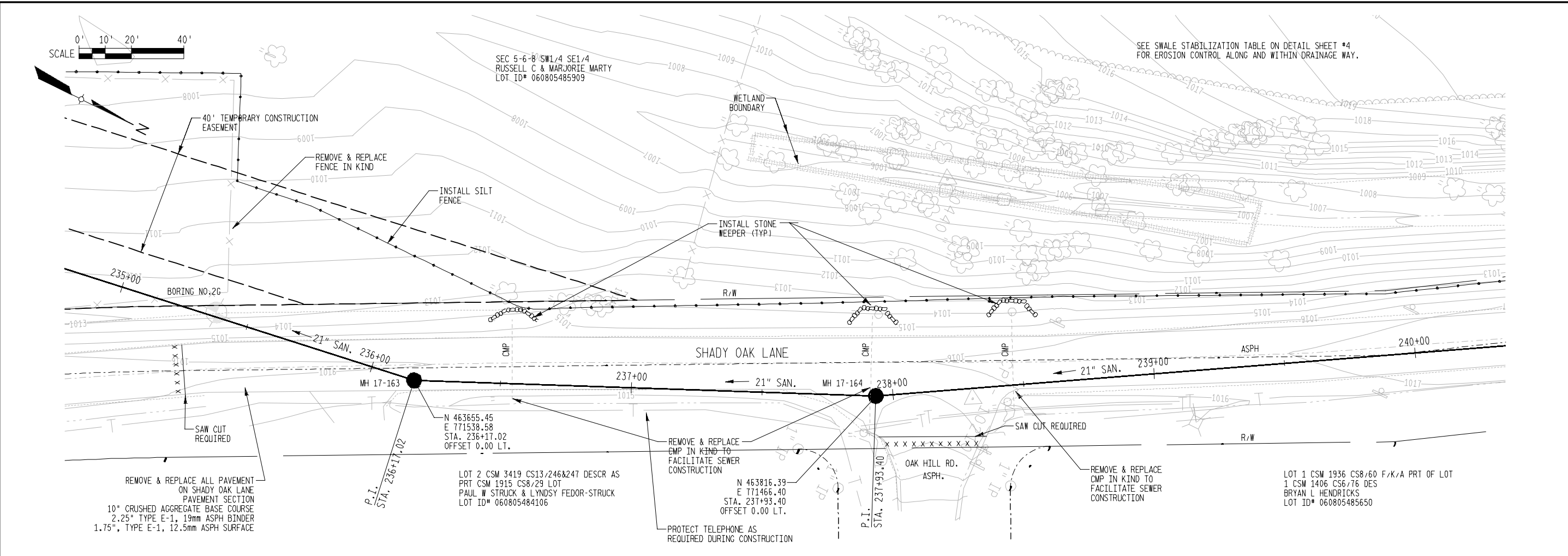


LOWER BADGER MILL CREEK INTERCEPTOR SEWER - PHASE 3
MADISON METROPOLITAN SEWERAGE DISTRICT
DATE: OCTOBER 2006
PROJECT NO.: 84025
DRAWING NO.:
FILE NAME:
SHEET NO.: 12

FILE: \\msd\proj\1317223\1317223.dwg  
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 PLOT LEVELS: 14, 15  
 PLOT SCALE: 1/4" = 10'


FILE: \\msd\proj\1317223\1317223.dwg  
 PLOT: 1317223.dwg  
 DATE: 10/26/06  
 DWG LEVELS: 14, 15  
 PLOT LEVELS: 14, 15  
 PLOT SCALE: 1/4" = 10'

FILE: \\msd\proj\1317223\1317223.dwg  
 PLOT: 1317223.dwg  
 DATE: 10/26/06  
 DWG LEVELS: 14, 15  
 PLOT LEVELS: 14, 15  
 PLOT SCALE: 1/4" = 10'



Designed by: \_\_\_\_\_ Checked by: \_\_\_\_\_ Graphics by: \_\_\_\_\_ Earth Tech Project No.: \_\_\_\_\_

SEE SWALE STABILIZATION TABLE ON DETAIL SHEET #4 FOR EROSION CONTROL ALONG AND WITHIN DRAINAGE WAY.

NO.	REVISIONS	DRN	CHK	DATE
				
LOWER BADGER MILL CREEK INTERCEPTOR SEWER - PHASE 3 MADISON METROPOLITAN SEWERAGE DISTRICT				
DATE: OCTOBER 2006				
PROJECT NO.: 84025				
DRAWING NO.:				
FILE NAME:				
SHEET NO. 13				

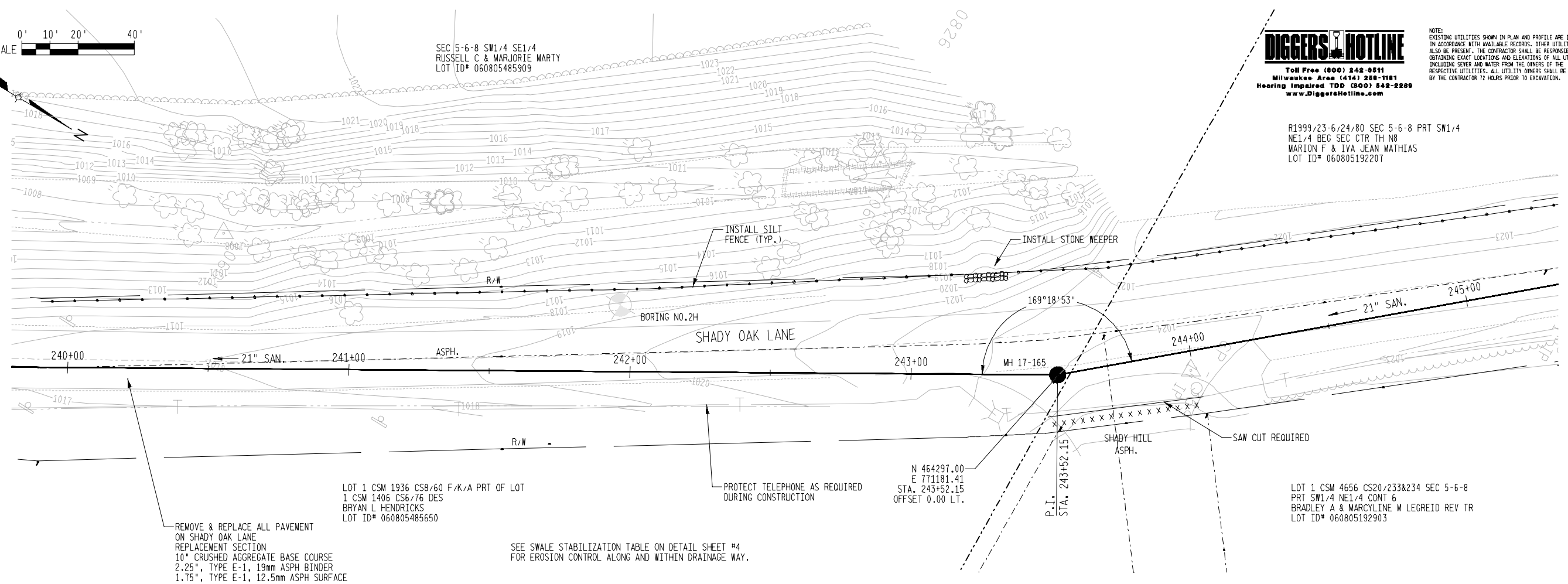
SCALE 0' 10' 20' 40'

SEC 5-6-8 SW1/4 SE1/4  
RUSSELL C & MARJORIE MARTY  
LOT ID# 060805485909

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Milwaukee Area (414) 268-1181  
Hearing Impaired TDD (800) 842-2289  
www.DiggersHotline.com

NOTE:  
EXISTING UTILITIES SHOWN IN PLAN AND PROFILE ARE INDICATED  
IN ACCORDANCE WITH AVAILABLE RECORDS. OTHER UTILITIES MAY  
ALSO BE PRESENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR  
OBTAINING EXACT LOCATIONS AND ELEVATIONS OF ALL UTILITIES,  
INCLUDING SEWER AND WATER FROM THE OWNERS OF THE  
RESPECTIVE UTILITIES. ALL UTILITY OWNERS SHALL BE NOTIFIED  
BY THE CONTRACTOR 72 HOURS PRIOR TO EXCAVATION.

R1999/23-6/24/80 SEC 5-6-8 PRT SW1/4  
NE1/4 BEC SEC CTR TH N8  
MARION F & IVA JEAN MATHIAS  
LOT ID# 060805192207



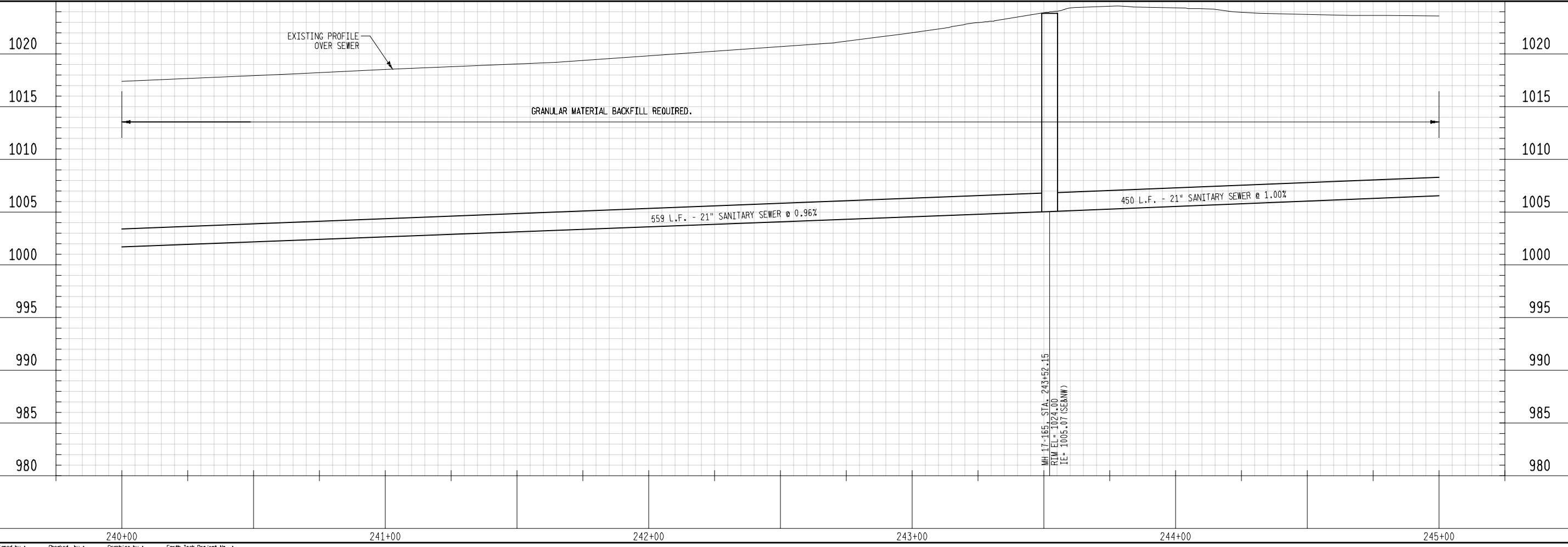
REMOVE & REPLACE ALL PAVEMENT  
ON SHADY OAK LANE  
REPLACEMENT SECTION  
10" CRUSHED AGGREGATE BASE COURSE  
2.25", TYPE E-1, 19mm ASPH BINDER  
1.75", TYPE E-1, 12.5mm ASPH SURFACE

SEE SWALE STABILIZATION TABLE ON DETAIL SHEET #4  
FOR EROSION CONTROL ALONG AND WITHIN DRAINAGE WAY.

LOT 1 CSM 4656 CS20/233&234 SEC 5-6-8  
PRT SW1/4 NE1/4 CONT 6  
BRADLEY A & MARCYLINE M LEGREID REV TR  
LOT ID# 060805192903

N 464297.00  
E 771181.41  
STA. 243+52.15  
OFFSET 0.00 LT.

PLOT 1: \\msd\pl1\work\proj\101325\101325.dwg  
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 PLOT 8: \\msd\pl8\work\proj\101325\101325.dwg  
 PLOT 9: \\msd\pl9\work\proj\101325\101325.dwg  
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PLOT 1: \\msd\pl1\work\proj\101325\101325.dwg  
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EARTH TECH COMPUTER AIDED DESIGN & DRAFTING  
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 Plot Size = 11x17  
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 DGN LEVELS = 1-5  
 DWT LEVELS = 1-5  
 DWT LEVELS = 1-5

NO.	REVISONS	DRN	CHK	DATE

MADISON

DRN	DES	CHK	APP

MADISON METROPOLITAN SEWERAGE DISTRICT

LOWER BADGER MILL CREEK INTERCEPTOR SEWER - PHASE 3

**MSD**

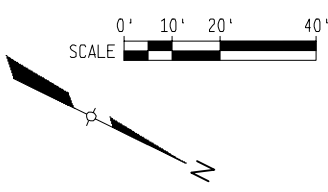
DATE: OCTOBER 2006  
PROJECT NO.: 84025  
DRAWING NO.:  
FILE NAME:  
SHEET NO.: 14

R1999/23-6/24/80 SEC 5-6-8 PRT SW1/4 NE1/4 BEG SEC CTR TH NB MARION F & IVA JEAN MATHIAS LOT ID# 060805192207

LOT 1 CSM 4656 CS20/233&234 SEC 5-6-8 PRT SW1/4 NE1/4 CONT 6 BRADLEY A & MARCYLINE M LEGREID REV TR LOT ID# 060805192903

LOT 1 CSM 1574 CS6/313 DESCR AS SEC 5-6-8 PRT SW1/4 NE1/4 COM CHARLES A & LORRAINE E GEDYE LOT ID# 060805191904

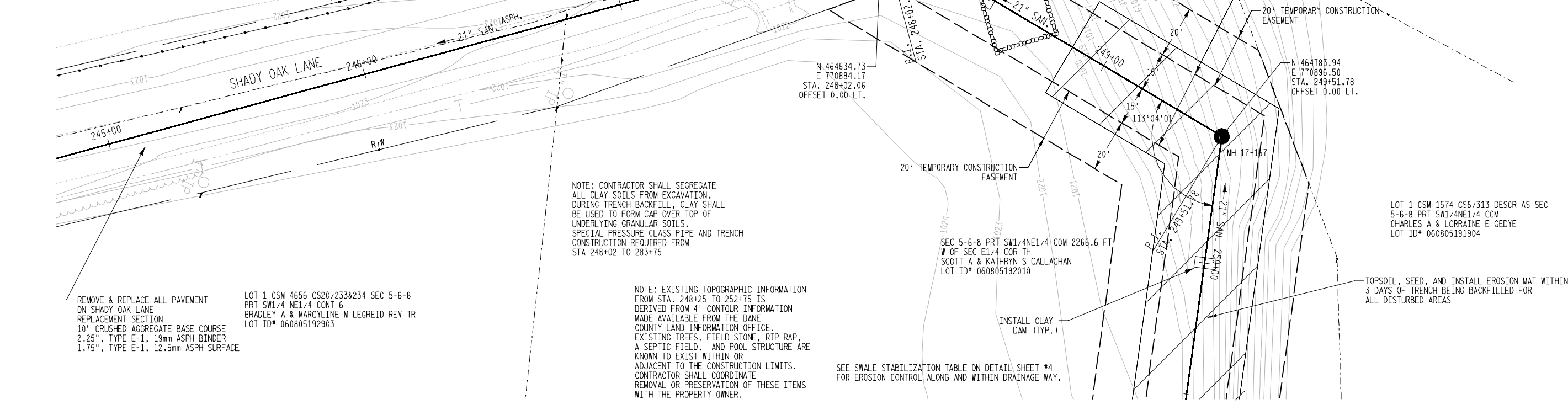
SEC 5-6-8 PRT SW1/4 NE1/4 COM 2266.6 FT W OF SEC E1/4 COR TH SCOTT A & KATHRYN S CALLAGHAN LOT ID# 060805192010



R1999/23-6/24/80 SEC 5-6-8 PRT SW1/4 NE1/4 BEG SEC CTR TH NB MARION F & IVA JEAN MATHIAS LOT ID# 060805192207

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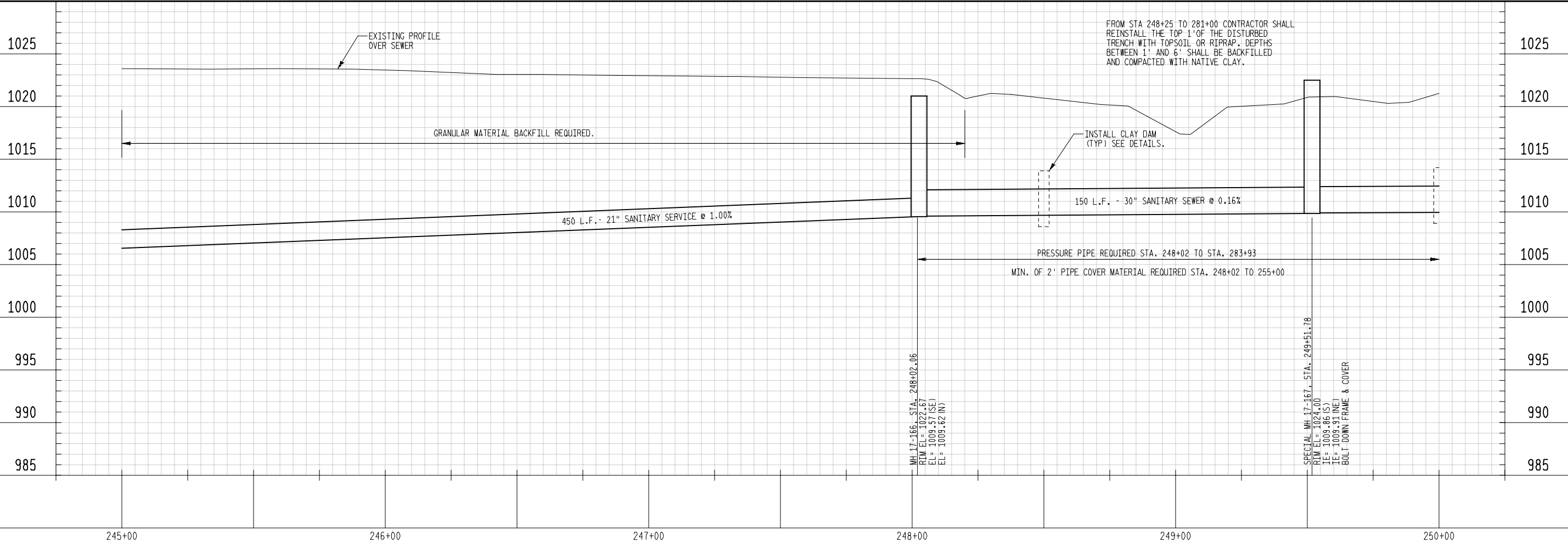


NOTE: CONTRACTOR SHALL SEGREGATE ALL CLAY SOILS FROM EXCAVATION. DURING TRENCH BACKFILL, CLAY SHALL BE USED TO FORM CAP OVER TOP OF UNDERLYING GRANULAR SOILS. SPECIAL PRESSURE CLASS PIPE AND TRENCH CONSTRUCTION REQUIRED FROM STA 248+02 TO 283+75

NOTE: EXISTING TOPOGRAPHIC INFORMATION FROM STA. 248+25 TO 252+75 IS DERIVED FROM 4' CONTOUR INFORMATION MADE AVAILABLE FROM THE DANE COUNTY LAND INFORMATION OFFICE. EXISTING TREES, FIELD STONE, RIP RAP, A SEPTIC FIELD, AND POOL STRUCTURE ARE KNOWN TO EXIST WITHIN OR ADJACENT TO THE CONSTRUCTION LIMITS. CONTRACTOR SHALL COORDINATE REMOVAL OR PRESERVATION OF THESE ITEMS WITH THE PROPERTY OWNER.

SEE SWALE STABILIZATION TABLE ON DETAIL SHEET #4 FOR EROSION CONTROL ALONG AND WITHIN DRAINAGE WAY.

TOPSOIL, SEED, AND INSTALL EROSION MAT WITHIN 3 DAYS OF TRENCH BEING BACKFILLED FOR ALL DISTURBED AREAS



FROM STA 248+25 TO 281+00 CONTRACTOR SHALL REINSTALL THE TOP 1' OF THE DISTURBED TRENCH WITH TOPSOIL OR RIPRAP. DEPTHS BETWEEN 1' AND 6' SHALL BE BACKFILLED AND COMPACTED WITH NATIVE CLAY.

NO.	REVISIONS	DRN	CHK	DATE

MADISON	DRN	DES	CHK	APP	DATE

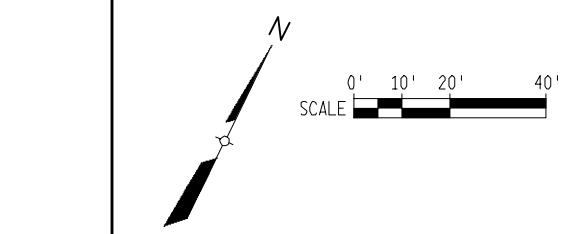
  

LOWER BADGER MILL CREEK INTERCEPTOR SEWER - PHASE 3  
 MADISON METROPOLITAN SEWERAGE DISTRICT

DATE	OCTOBER 2006
PROJECT NO.	84025
DRAWING NO.	
FILE NAME	
SHEET NO.	15

EARTH TECH COMPUTER AIDED DESIGN & DRAFTING  
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 DATE = 10/20/06  
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Designed by : Graphics by : Earth Tech Project No. :



LOT 1 CSM 1574 CS6/313 DESCR AS SEC 5-6-8 PRT SW1/4NE1/4 COM CHARLES A & LORRAINE E. GEDYE LOT ID# 060805191904

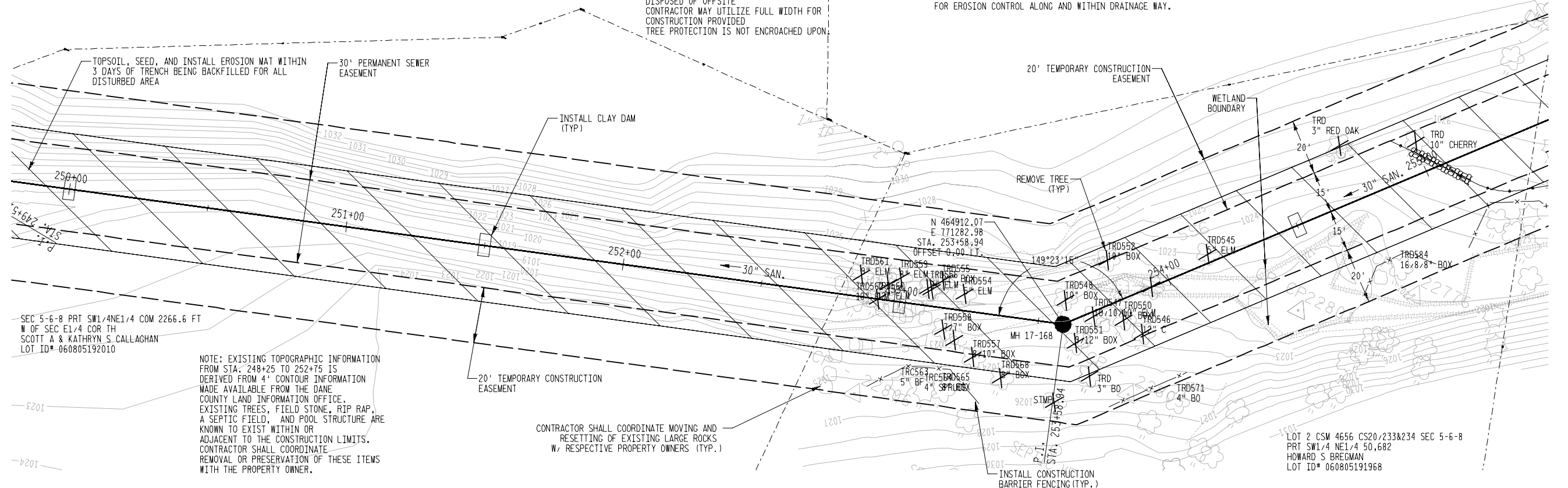
NOTE: WITHIN PERMANENT AND TEMPORARY EASEMENTS ON PRIVATE PROPERTY REMOVE ONLY TREES MARKED FOR REMOVAL. ALL OTHER TREES 4-IN DIA. AND LARGER SHALL BE SAVED. BRUSH WITHIN EASEMENTS MAY BE REMOVED. ALL REMOVED TREES AND BRUSH SHALL BE DISPOSED OFFSITE. CONTRACTOR MAY UTILIZE FULL WIDTH FOR CONSTRUCTION PROVIDED TREE PROTECTION IS NOT ENCROACHED UPON.

LOT 2 CSM 1574 CS6/313 DESCR AS SEC 5-6-8 PRT SW1/4NE1/4 WILLIAM F. SUICK & PATRICIA BENZ-SUICK LOT ID# 060805190450

SEE SWALE STABILIZATION TABLE ON DETAIL SHEET #4 FOR EROSION CONTROL ALONG AND WITHIN DRAINAGE WAY.

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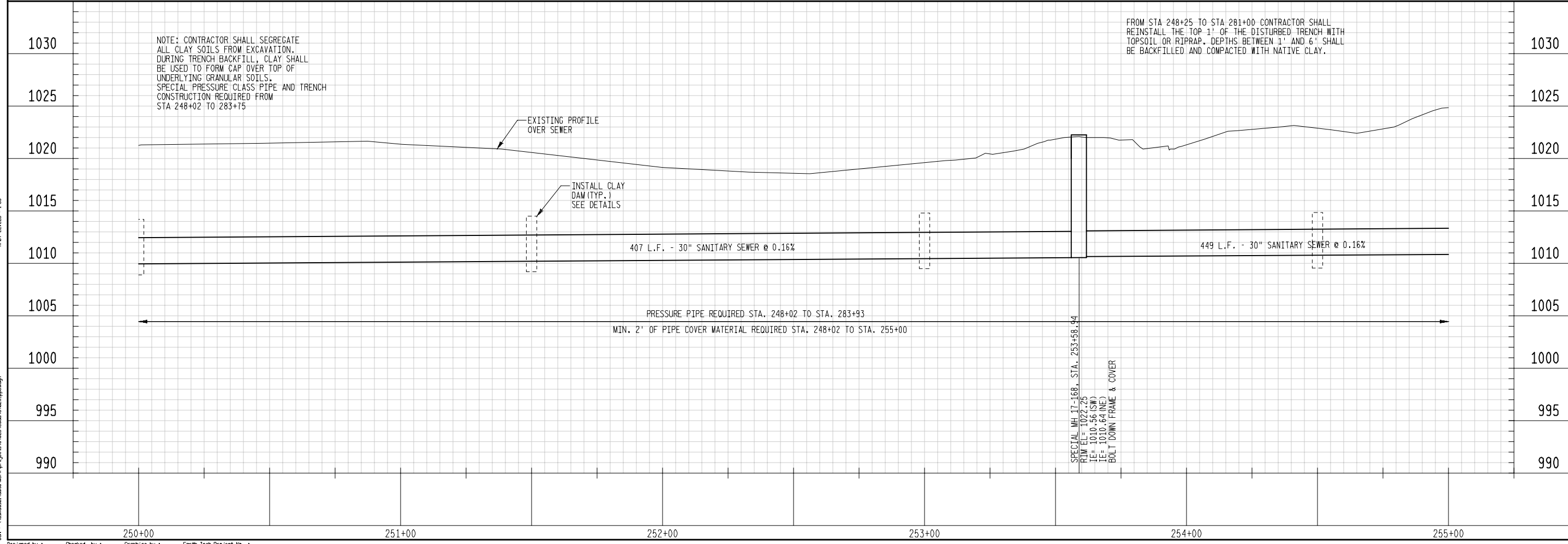
NOTE: EXISTING UTILITIES SHOWN IN PLAN AND PROFILE ARE INDICATED IN ACCORDANCE WITH AVAILABLE RECORDS. OTHER UTILITIES MAY ALSO BE PRESENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING EXACT LOCATIONS AND ELEVATIONS OF ALL UTILITIES, INCLUDING SEWER AND WATER FROM THE OWNERS OF THE RESPECTIVE UTILITIES. ALL UTILITY OWNERS SHALL BE NOTIFIED BY THE CONTRACTOR 12 HOURS PRIOR TO EXCAVATION.



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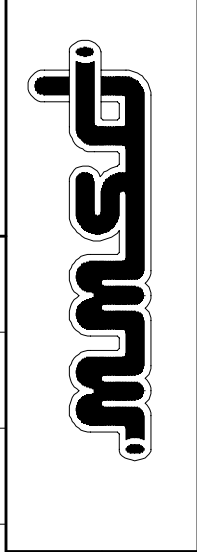
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NO.	REVISIONS	DRN	CHK	DATE

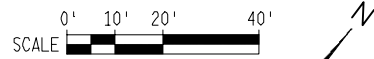
MADISON	DRN	DES	CHK	APP	DATE



LOWER BADGER MILL CREEK  
 INTERCEPTOR SEWER - PHASE 3  
 MADISON METROPOLITAN  
 SEWERAGE DISTRICT

DATE	OCTOBER 2006
PROJECT NO.	84025
DRAWING NO.	
FILE NAME	
SHEET NO.	16





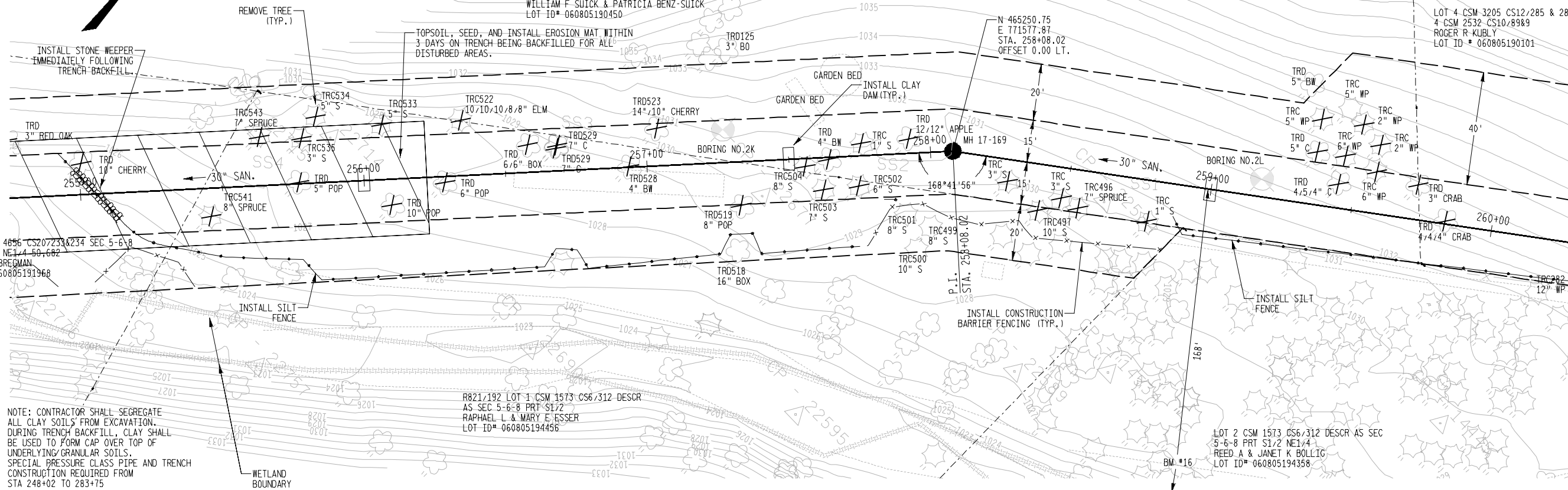
SEE SWALE STABILIZATION TABLE ON DETAIL SHEET #4 FOR EROSION CONTROL ALONG AND WITHIN DRAINAGE WAY.

NOTE: WITHIN PERMANENT AND TEMPORARY EASEMENTS ON PRIVATE PROPERTY REMOVE ONLY TREES MARKED FOR REMOVAL. ALL OTHER TREES 4" IN DIA. AND LARGER SHALL BE SAVED. BRUSH WITHIN EASEMENTS MAY BE REMOVED. ALL REMOVED TREES AND BRUSH SHALL BE DISPOSED OF OFFSITE. CONTRACTOR MAY UTILIZE FULL WIDTH FOR CONSTRUCTION PROVIDED TREE PROTECTION IS NOT ENCROACHED UPON.



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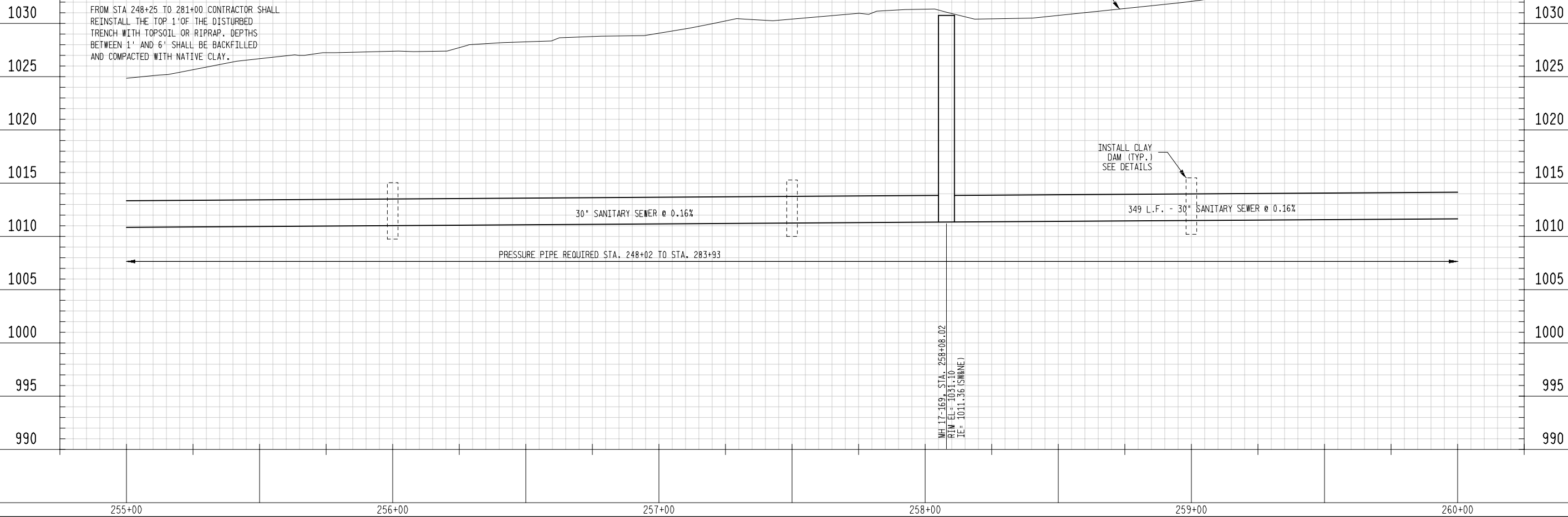


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WETLAND BOUNDARY

R821/192 LOT 1 CSM 1573 CS6/312 DESCR AS SEC 5-6-8 PRT S1/2 RAPHAEL L & MARY E. ESSER LOT ID# 060805194456

LOT 2 CSM 1573 CS6/312 DESCR AS SEC 5-6-8 PRT S1/2 NE1/4 REED A & JANET K BOLLIG LOT ID# 060805194358



FROM STA 248+25 TO 281+00 CONTRACTOR SHALL REINSTALL THE TOP 1' OF THE DISTURBED TRENCH WITH TOPSOIL OR RIPRAP. DEPTHS BETWEEN 1' AND 6' SHALL BE BACKFILLED AND COMPACTED WITH NATIVE CLAY.

INSTALL CLAY DAM (TYP.) SEE DETAILS

PRESSURE PIPE REQUIRED STA. 248+02 TO STA. 283+93

M.H. 17-169 STA. 258+08.02  
 R.I.W. EL. = 1031.10  
 I.E. = 1011.36 (SWME)



LOWER BADGER MILL CREEK  
 INTERCEPTOR SEWER - PHASE 3  
 MADISON METROPOLITAN  
 SEWERAGE DISTRICT

DATE	OCTOBER 2006
PROJECT NO.	84025
DRAWING NO.	
FILE NAME	
SHEET NO.	17

MADISON					
DRN					
DES					
CHK					
APP					

NO.					
REVISIONS					
DRN	CHK				DATE

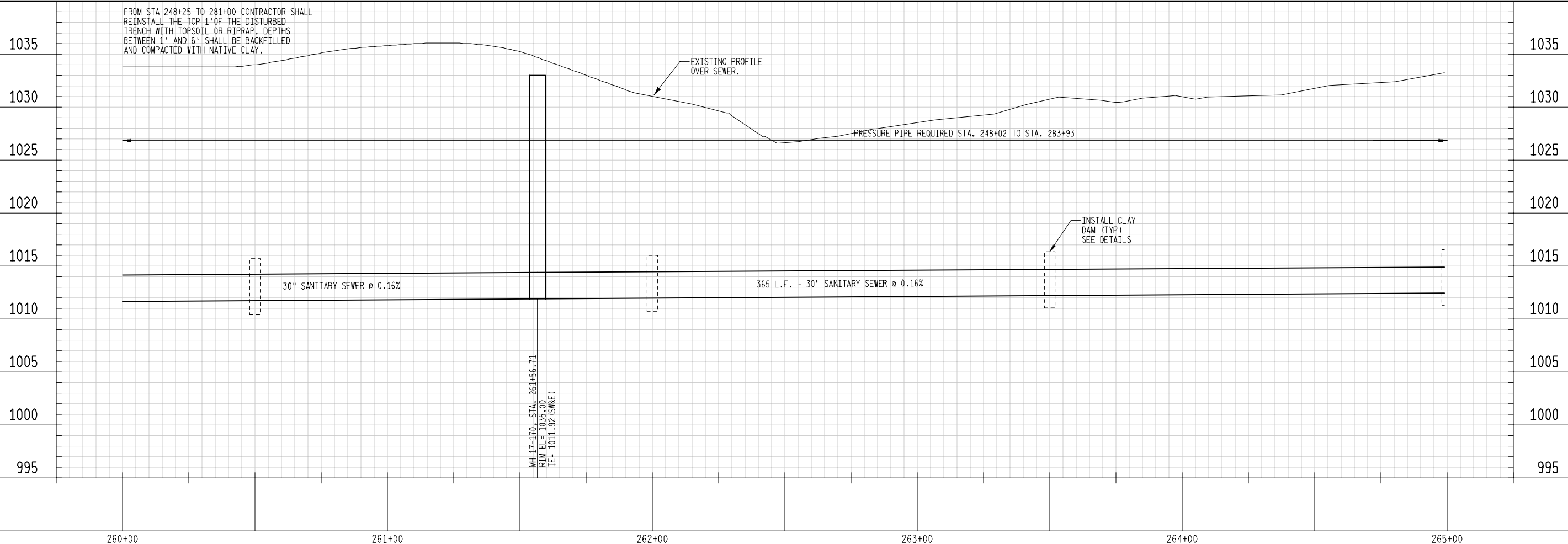
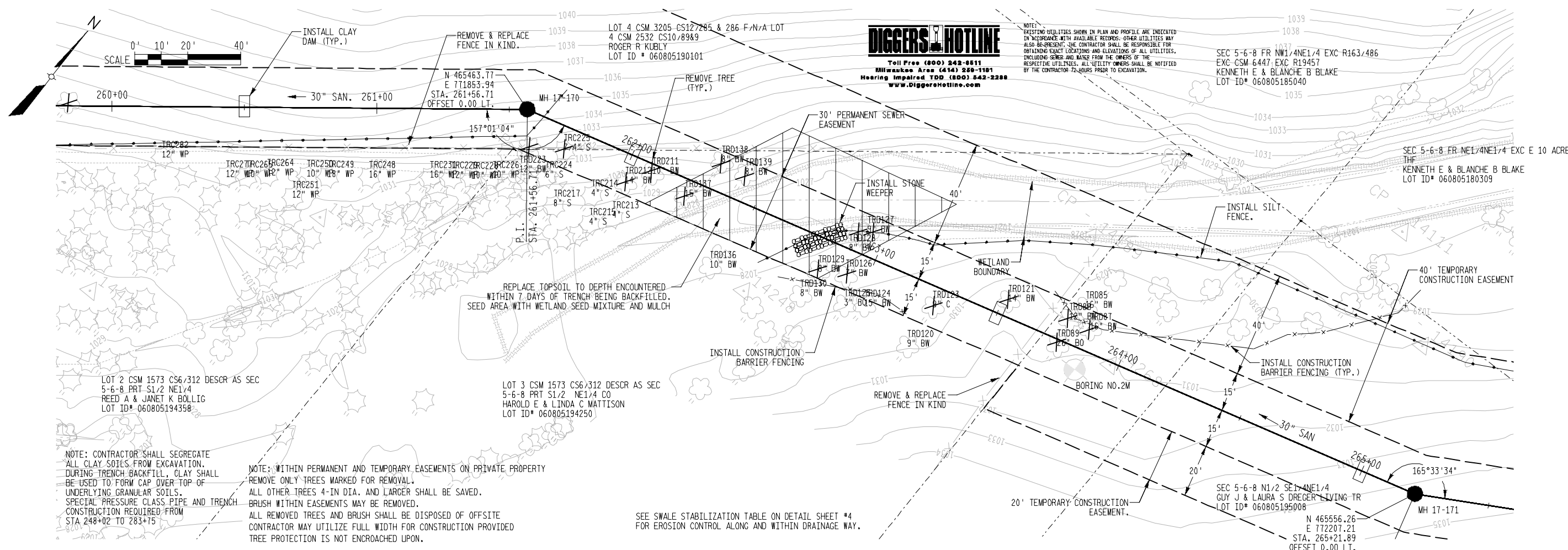
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 FIG 72: \\nasd01\labo\work\projects\84025\Cadd\border.sp; 08/08/06  
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 FIG 75: \\nasd01\labo\work\projects\84025\Cadd\border.sp; 08/08/06  
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 FIG 77: \\nasd01\labo\work\projects\84025\Cadd\border.sp; 08/08/06  
 FIG 78: \\nasd01\labo\work\projects\84025\Cadd\border.sp; 08/08/06  
 FIG 79: \\nasd01\labo\work\projects\84025\Cadd\border.sp; 08/08/06  
 FIG 80: \\nasd01\labo\work\projects\84025\Cadd\border.sp; 08/08/06  
 FIG 81: \\nasd01\labo\work\projects\84025\Cadd\border.sp; 08/08/06  
 FIG 82: \\nasd01\labo\work\projects\84025\Cadd\border.sp; 08/08/06  
 FIG 83: \\nasd01\labo\work\projects\84025\Cadd\border.sp; 08/08/06  
 FIG 84: \\nasd01\labo\work\projects\84025\Cadd\border.sp; 08/08/06  
 FIG 85: \\nasd01\labo\work\projects\84025\Cadd\border.sp; 08/08/06  
 FIG 86: \\nasd01\labo\work\projects\84025\Cadd\border.sp; 08/08/06  
 FIG 87: \\nasd01\labo\work\projects\84025\Cadd\border.sp; 08/08/06  
 FIG 88: \\nasd01\labo\work\projects\84025\Cadd\border.sp; 08/08/06  
 FIG 89: \\nasd01\labo\work\projects\84025\Cadd\border.sp; 08/08/06  
 FIG 90: \\nasd01\labo\work\projects\84025\Cadd\border.sp; 08/08/06  
 FIG 91: \\nasd01\labo\work\projects\84025\Cadd\border.sp; 08/08/06  
 FIG 92: \\nasd01\labo\work\projects\84025\Cadd\border.sp; 08/08/06  
 FIG 93: \\nasd01\labo\work\projects\84025\Cadd\border.sp; 08/08/06  
 FIG 94: \\nasd01\labo\work\projects\84025\Cadd\border.sp; 08/08/06  
 FIG 95: \\nasd01\labo\work\projects\84025\Cadd\border.sp; 08/08/06  
 FIG 96: \\nasd01\labo\work\projects\84025\Cadd\border.sp; 08/08/06  
 FIG 97: \\nasd01\labo\work\projects\84025\Cadd\border.sp; 08/08/06  
 FIG 98: \\nasd01\labo\work\projects\84025\Cadd\border.sp; 08/08/06  
 FIG 99: \\nasd01\labo\work\projects\84025\Cadd\border.sp; 08/08/06  
 FIG 100: \\nasd01\labo\work\projects\84025\Cadd\border.sp; 08/08/06

FIG 1 - \\nasd\dl\work\projects\84025\Cadd\dwg\fig1.dwg  
 PLOT DATE = 10/11/06  
 PLOT SCALE = 1"=40'  
 PLOT BY = J. B. B. (jbb)  
 PLOT CHECKED BY = J. B. B. (jbb)  
 PLOT DATE = 10/11/06  
 PLOT SCALE = 1"=40'  
 PLOT BY = J. B. B. (jbb)  
 PLOT CHECKED BY = J. B. B. (jbb)

FIG 2 - \\nasd\dl\work\projects\84025\Cadd\dwg\fig2.dwg  
 PLOT DATE = 10/11/06  
 PLOT SCALE = 1"=40'  
 PLOT BY = J. B. B. (jbb)  
 PLOT CHECKED BY = J. B. B. (jbb)  
 PLOT DATE = 10/11/06  
 PLOT SCALE = 1"=40'  
 PLOT BY = J. B. B. (jbb)  
 PLOT CHECKED BY = J. B. B. (jbb)

FIG 3 - \\nasd\dl\work\projects\84025\Cadd\dwg\fig3.dwg  
 PLOT DATE = 10/11/06  
 PLOT SCALE = 1"=40'  
 PLOT BY = J. B. B. (jbb)  
 PLOT CHECKED BY = J. B. B. (jbb)  
 PLOT DATE = 10/11/06  
 PLOT SCALE = 1"=40'  
 PLOT BY = J. B. B. (jbb)  
 PLOT CHECKED BY = J. B. B. (jbb)

DESIGNED BY: \_\_\_\_\_ CHECKED BY: \_\_\_\_\_ GRAPHICS BY: \_\_\_\_\_ EARTH TECH PROJECT NO.: \_\_\_\_\_



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NOTE: CONTRACTOR SHALL SEGREGATE ALL CLAY SOILS FROM EXCAVATION. DURING TRENCH BACKFILL, CLAY SHALL BE USED TO FORM CAP OVER TOP OF UNDERLYING GRANULAR SOILS. SPECIAL PRESSURE CLASS PIPE AND TRENCH CONSTRUCTION REQUIRED FROM STA 248+02 TO 283+75.

NOTE: WITHIN PERMANENT AND TEMPORARY EASEMENTS ON PRIVATE PROPERTY REMOVE ONLY TREES MARKED FOR REMOVAL. ALL OTHER TREES 4-IN DIA. AND LARGER SHALL BE SAVED. BRUSH WITHIN EASEMENTS MAY BE REMOVED. ALL REMOVED TREES AND BRUSH SHALL BE DISPOSED OFFSITE. CONTRACTOR MAY UTILIZE FULL WIDTH FOR CONSTRUCTION PROVIDED TREE PROTECTION IS NOT ENCRoACHED UPON.

SEE SWALE STABILIZATION TABLE ON DETAIL SHEET #4 FOR EROSION CONTROL ALONG AND WITHIN DRAINAGE WAY.

NO.	REVISIONS	DRN	CHK	DATE

**MMSB**

DATE	OCTOBER 2006
PROJECT NO.	84025
DRAWING NO.	
FILE NAME	
SHEET NO.	18

LOWER BADGER MILL CREEK  
 INTERCEPTOR SEWER - PHASE 3  
 MADISON METROPOLITAN  
 SEWERAGE DISTRICT

P:\Projects\104225\104225.dwg  
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 PLOT SCALE: 1/8"=1'-0"  
 PLOT SHEET: 19 OF 20  
 PLOT USER: J. J. J.

P:\Projects\104225\104225.dwg  
 PLOT DATE: 10/26/2006 10:45:23  
 PLOT SCALE: 1/8"=1'-0"  
 PLOT SHEET: 19 OF 20  
 PLOT USER: J. J. J.

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 PLOT DATE: 10/26/2006 10:45:23  
 PLOT SCALE: 1/8"=1'-0"  
 PLOT SHEET: 19 OF 20  
 PLOT USER: J. J. J.



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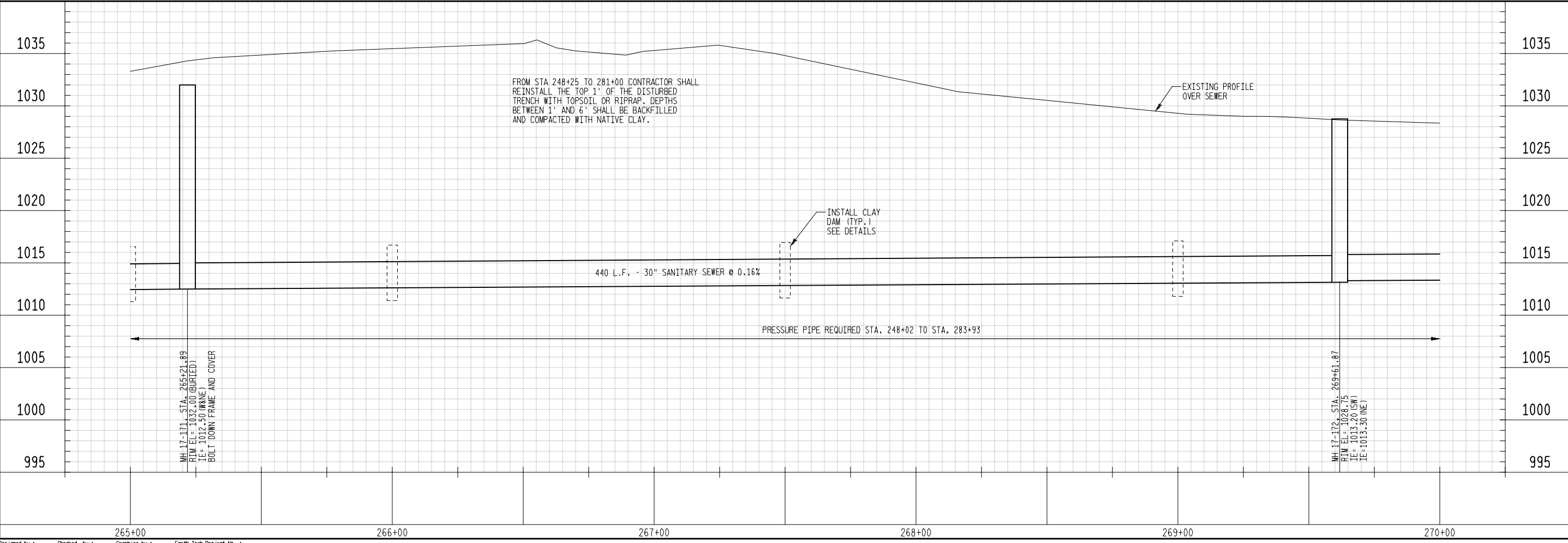
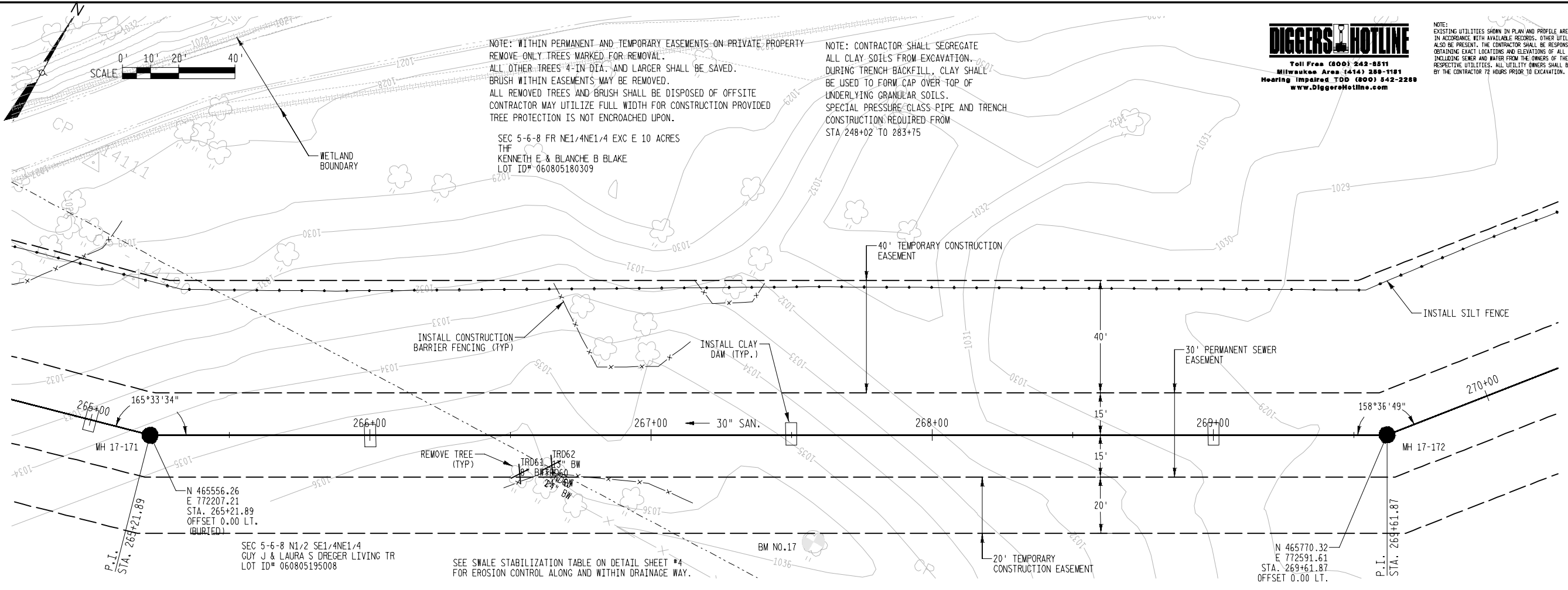
NOTE: WITHIN PERMANENT AND TEMPORARY EASEMENTS ON PRIVATE PROPERTY REMOVE ONLY TREES MARKED FOR REMOVAL. ALL OTHER TREES 4-IN-DIA. AND LARGER SHALL BE SAVED. BRUSH WITHIN EASEMENTS MAY BE REMOVED. ALL REMOVED TREES AND BRUSH SHALL BE DISPOSED OFFSITE. CONTRACTOR MAY UTILIZE FULL WIDTH FOR CONSTRUCTION PROVIDED TREE PROTECTION IS NOT ENCRASED UPON.

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SEC 5-6-8 FR NE1/4NE1/4 EXC E 10 ACRES  
 THE  
 KENNETH E. & BLANCHE B BLAKE  
 LOT ID# 060805180309

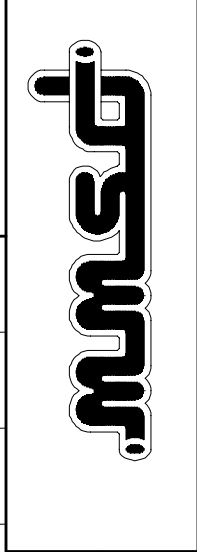
SEC 5-6-8 N1/2 SE1/4NE1/4  
 GUY J & LAURA S DREGER LIVING TR  
 LOT ID# 060805195008

SEE SWALE STABILIZATION TABLE ON DETAIL SHEET #4 FOR EROSION CONTROL ALONG AND WITHIN DRAINAGE WAY.



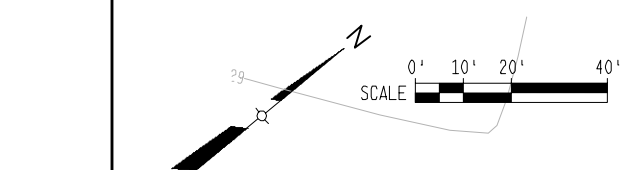
NO.	REVISIONS	DRN	CHK	DATE

DRN	DES	CHK	APP	DATE



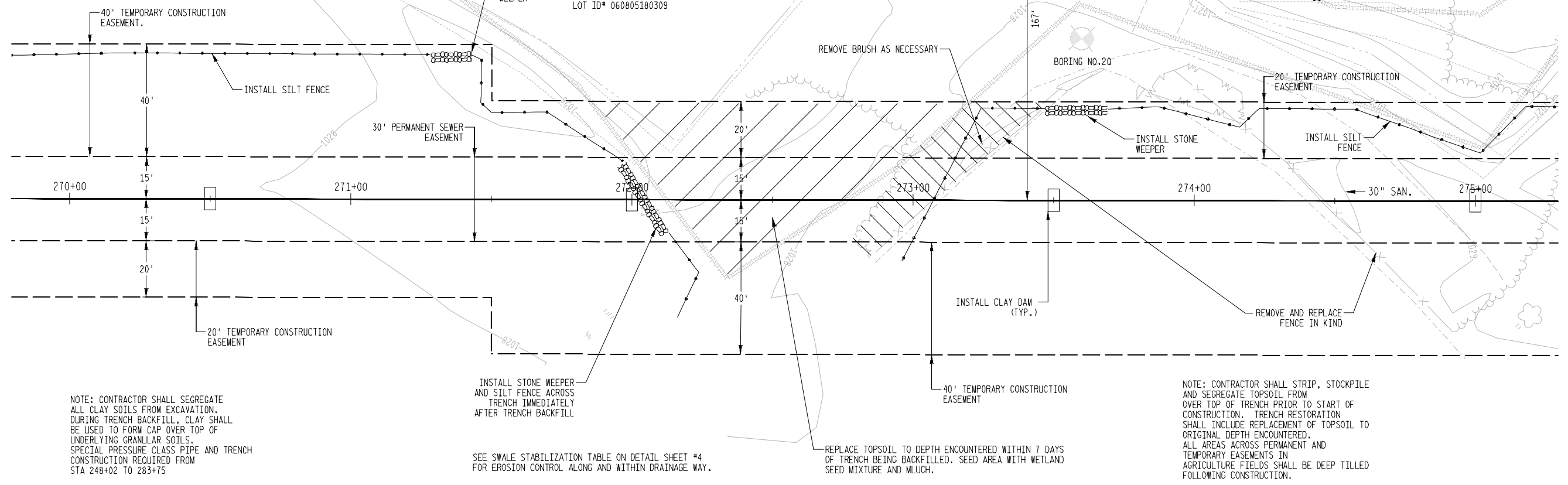
LOWER BADGER MILL CREEK  
 INTERCEPTOR SEWER - PHASE 3  
 MADISON METROPOLITAN  
 SEWERAGE DISTRICT

DATE	OCTOBER 2006
PROJECT NO.	84025
DRAWING NO.	
FILE NAME	
SHEET NO.	19



NOTE: EXISTING UTILITIES SHOWN IN PLAN AND PROFILE ARE INDICATED IN ACCORDANCE WITH AVAILABLE RECORDS. OTHER UTILITIES MAY ALSO BE PRESENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING EXACT LOCATIONS AND ELEVATIONS OF ALL UTILITIES, INCLUDING SEWER AND WATER FROM THE OWNERS OF THE RESPECTIVE UTILITIES. ALL UTILITY OWNERS SHALL BE NOTIFIED BY THE CONTRACTOR 72 HOURS PRIOR TO EXCAVATION.

SEC 5-6-8 FR NE1/4NE1/4 EXC E 10 ACRES  
 THF  
 KENNETH E & BLANCHE B BLAKE  
 LOT ID# 060805180309



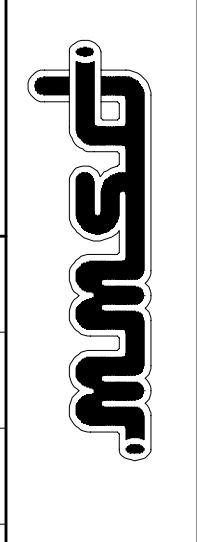
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 PLOT: LEVELS = 14, 45, 53  
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 PLOT: LEVELS = 14, 45, 53  
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 PLOT: LEVELS = 14, 45, 53

FILE: \\nas001\lab\work\projects\84025\Cadd\border.sp; plotno: 84025  
 PLOT: LEVELS = 14, 45, 53  
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 PLOT: LEVELS = 14, 45, 53  
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 PLOT: LEVELS = 14, 45, 53  
 PLOT: \\nas001\lab\work\projects\84025\Cadd\border.sp; plotno: 84025  
 PLOT: LEVELS = 14, 45, 53

SCALE = 40/00000  
 Plotter: in mkgp11717223.dwg  
 DATE: 08/13/2006  
 PLOT: LEVELS = 14, 45, 53  
 PLOT: \\nas001\lab\work\projects\84025\Cadd\border.sp; plotno: 84025  
 PLOT: LEVELS = 14, 45, 53

Designed by: Checked by: Graphics by: Earth Tech Project No.:

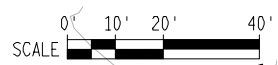
NO.	REVISIONS	DRN	CHK	DATE



LOWER BADGER MILL CREEK  
 INTERCEPTOR SEWER - PHASE 3  
 MADISON METROPOLITAN  
 SEWERAGE DISTRICT

DATE	OCTOBER 2006
PROJECT NO.	84025
DRAWING NO.	
FILE NAME	
SHEET NO.	20



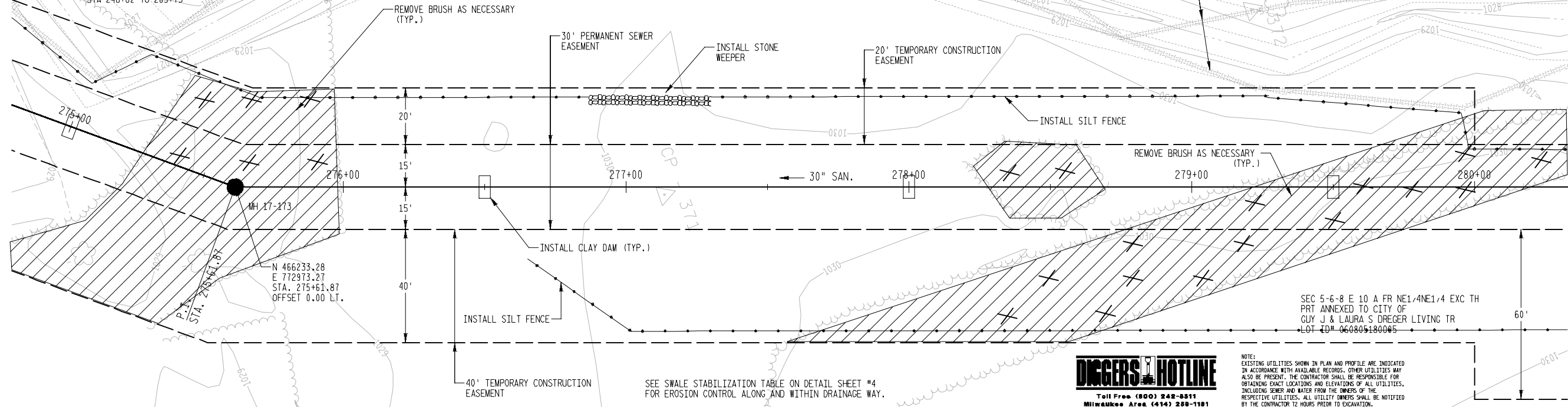


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SEC 5-6-8 FR NE1/4NE1/4 EXC E 10 ACRES THF KENNETH E & BLANCHE B BLAKE LOT ID# 060805180309

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BORING NO. 2P



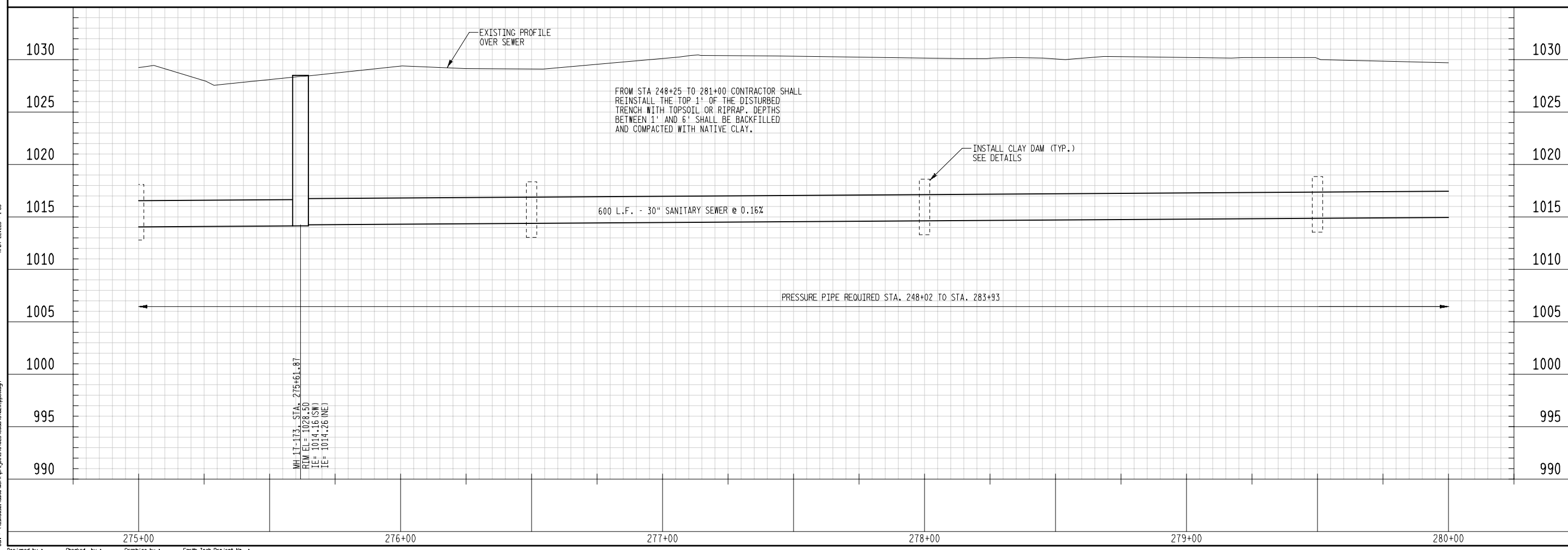
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FIG 1: \\\nasd\proj\1006\work\proj\1006\1006.dwg  
DATE: 10/27/06  
BY: [redacted]  
SCALE: 1/8"=1'-0"

FIG 2: \\\nasd\proj\1006\work\proj\1006\1006.dwg  
DATE: 10/27/06  
BY: [redacted]  
SCALE: 1/8"=1'-0"

FIG 3: \\\nasd\proj\1006\work\proj\1006\1006.dwg  
DATE: 10/27/06  
BY: [redacted]  
SCALE: 1/8"=1'-0"



NO.	REVISIONS	DRN	CHK	DATE

MADISON	DRN	DES	CHK	APP	DATE



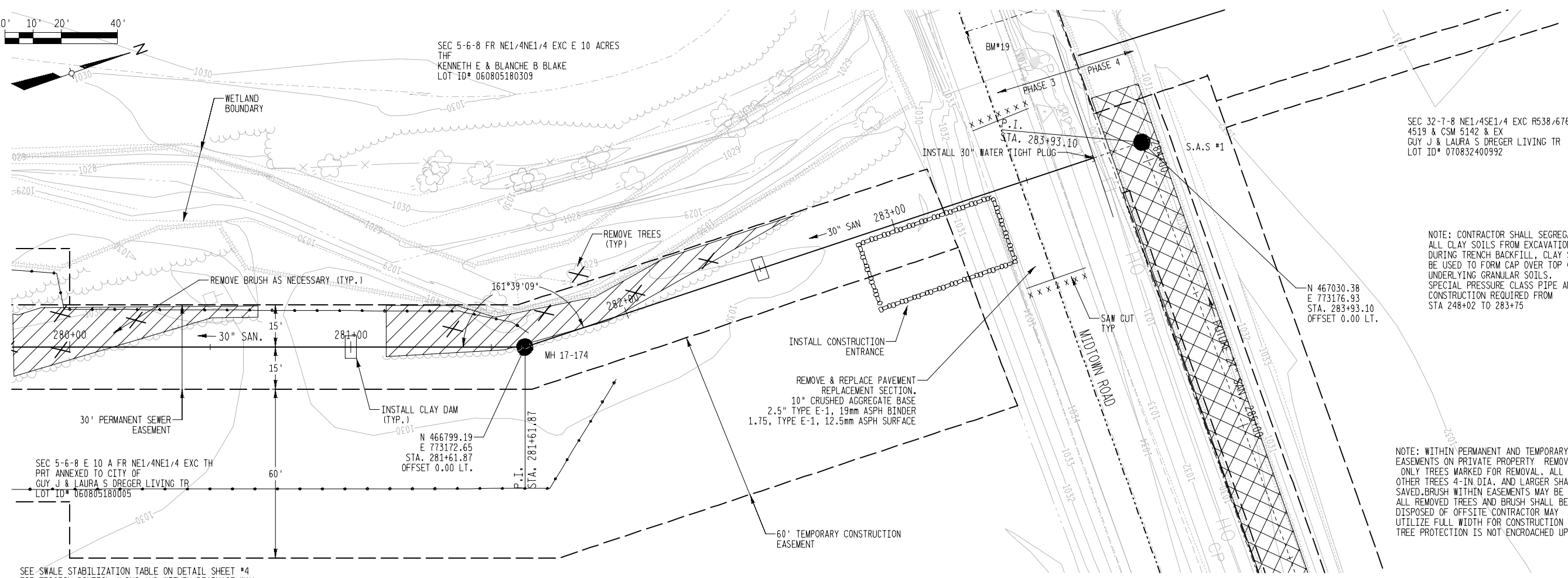
LOWER BADGER MILL CREEK INTERCEPTOR SEWER - PHASE 3  
MADISON METROPOLITAN SEWERAGE DISTRICT

DATE	OCTOBER 2006
PROJECT NO.	84025
DRAWING NO.	
FILE NAME	
SHEET NO.	21

DATE  
DRN  
CHK  
REVISIONS  
NO.

SCALE 0' 10' 20' 40'

SEC 5-6-8 FR NE1/4NE1/4 EXC E 10 ACRES  
THF  
KENNETH E & BLANCHE B BLAKE  
LOT ID# 060805180309



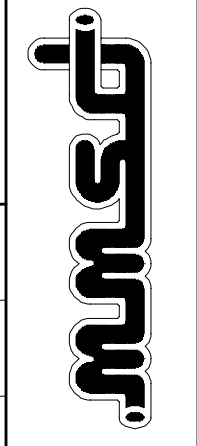
SEC 32-7-8 NE1/4SE1/4 EXC R538/676, CSM  
4519 & CSM 5142 & EX  
GUY J & LAURA S DREGER LIVING TR  
LOT ID# 010832400992

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SEE SWALE STABILIZATION TABLE ON DETAIL SHEET #4 FOR EROSION CONTROL ALONG AND WITHIN DRAINAGE WAY.

DRN	DES	CHK	APP



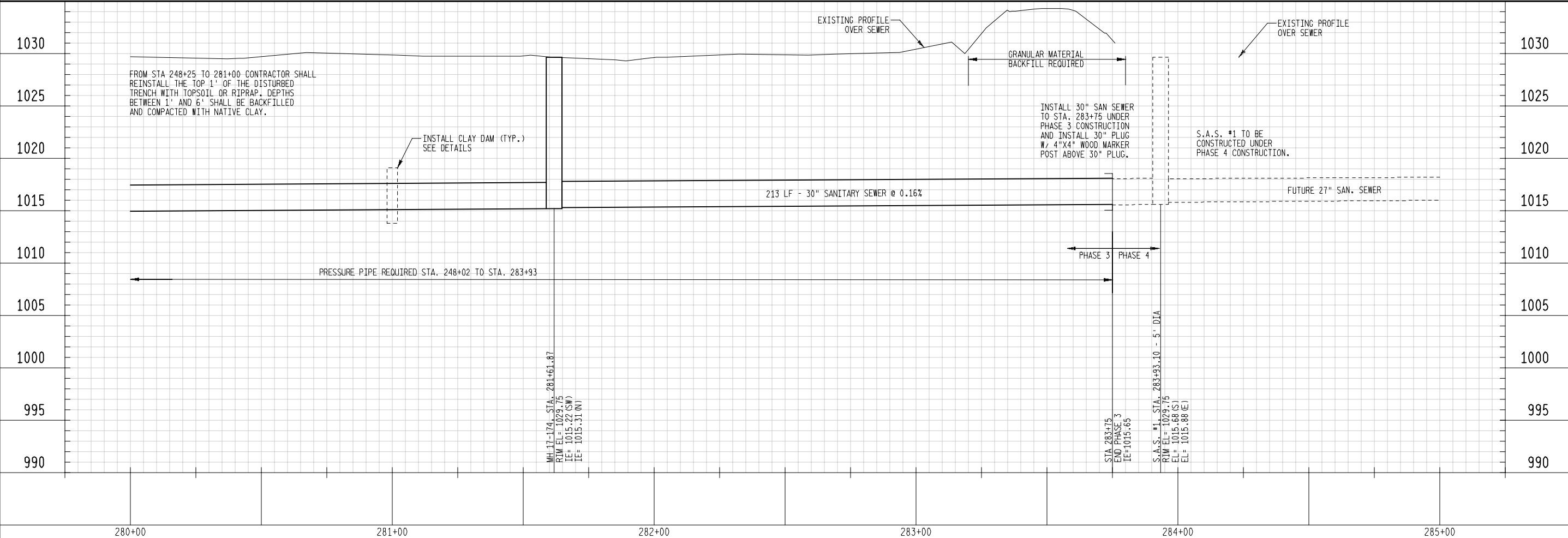
LOWER BADGER MILL CREEK  
INTERCEPTOR SEWER - PHASE 3  
MADISON METROPOLITAN  
SEWERAGE DISTRICT

DATE	OCTOBER 2006
PROJECT NO.	84025
DRAWING NO.	
FILE NAME	
SHEET NO.	22

FIG 1 : \\\nasdsk\l\work\proj\sec5\84025\Cadd\dwg\fig01.rvt  
FIG 2 : \\\nasdsk\l\work\proj\sec5\84025\Cadd\dwg\fig02.rvt  
FIG 3 : \\\nasdsk\l\work\proj\sec5\84025\Cadd\dwg\fig03.rvt  
FIG 4 : \\\nasdsk\l\work\proj\sec5\84025\Cadd\dwg\fig04.rvt  
FIG 5 : \\\nasdsk\l\work\proj\sec5\84025\Cadd\dwg\fig05.rvt  
FIG 6 : \\\nasdsk\l\work\proj\sec5\84025\Cadd\dwg\fig06.rvt  
FIG 7 : \\\nasdsk\l\work\proj\sec5\84025\Cadd\dwg\fig07.rvt  
FIG 8 : \\\nasdsk\l\work\proj\sec5\84025\Cadd\dwg\fig08.rvt  
FIG 9 : \\\nasdsk\l\work\proj\sec5\84025\Cadd\dwg\fig09.rvt  
FIG 10 : \\\nasdsk\l\work\proj\sec5\84025\Cadd\dwg\fig10.rvt

FIG 1 : \\\nasdsk\l\work\proj\sec5\84025\Cadd\dwg\fig01.rvt  
FIG 2 : \\\nasdsk\l\work\proj\sec5\84025\Cadd\dwg\fig02.rvt  
FIG 3 : \\\nasdsk\l\work\proj\sec5\84025\Cadd\dwg\fig03.rvt  
FIG 4 : \\\nasdsk\l\work\proj\sec5\84025\Cadd\dwg\fig04.rvt  
FIG 5 : \\\nasdsk\l\work\proj\sec5\84025\Cadd\dwg\fig05.rvt  
FIG 6 : \\\nasdsk\l\work\proj\sec5\84025\Cadd\dwg\fig06.rvt  
FIG 7 : \\\nasdsk\l\work\proj\sec5\84025\Cadd\dwg\fig07.rvt  
FIG 8 : \\\nasdsk\l\work\proj\sec5\84025\Cadd\dwg\fig08.rvt  
FIG 9 : \\\nasdsk\l\work\proj\sec5\84025\Cadd\dwg\fig09.rvt  
FIG 10 : \\\nasdsk\l\work\proj\sec5\84025\Cadd\dwg\fig10.rvt

SCALE = 40/1000  
FIG 1 : \\\nasdsk\l\work\proj\sec5\84025\Cadd\dwg\fig01.rvt  
FIG 2 : \\\nasdsk\l\work\proj\sec5\84025\Cadd\dwg\fig02.rvt  
FIG 3 : \\\nasdsk\l\work\proj\sec5\84025\Cadd\dwg\fig03.rvt  
FIG 4 : \\\nasdsk\l\work\proj\sec5\84025\Cadd\dwg\fig04.rvt  
FIG 5 : \\\nasdsk\l\work\proj\sec5\84025\Cadd\dwg\fig05.rvt  
FIG 6 : \\\nasdsk\l\work\proj\sec5\84025\Cadd\dwg\fig06.rvt  
FIG 7 : \\\nasdsk\l\work\proj\sec5\84025\Cadd\dwg\fig07.rvt  
FIG 8 : \\\nasdsk\l\work\proj\sec5\84025\Cadd\dwg\fig08.rvt  
FIG 9 : \\\nasdsk\l\work\proj\sec5\84025\Cadd\dwg\fig09.rvt  
FIG 10 : \\\nasdsk\l\work\proj\sec5\84025\Cadd\dwg\fig10.rvt



Designed by : \_\_\_\_\_ Checked by : \_\_\_\_\_ Graphics by : \_\_\_\_\_ Earth Tech Project No. : \_\_\_\_\_