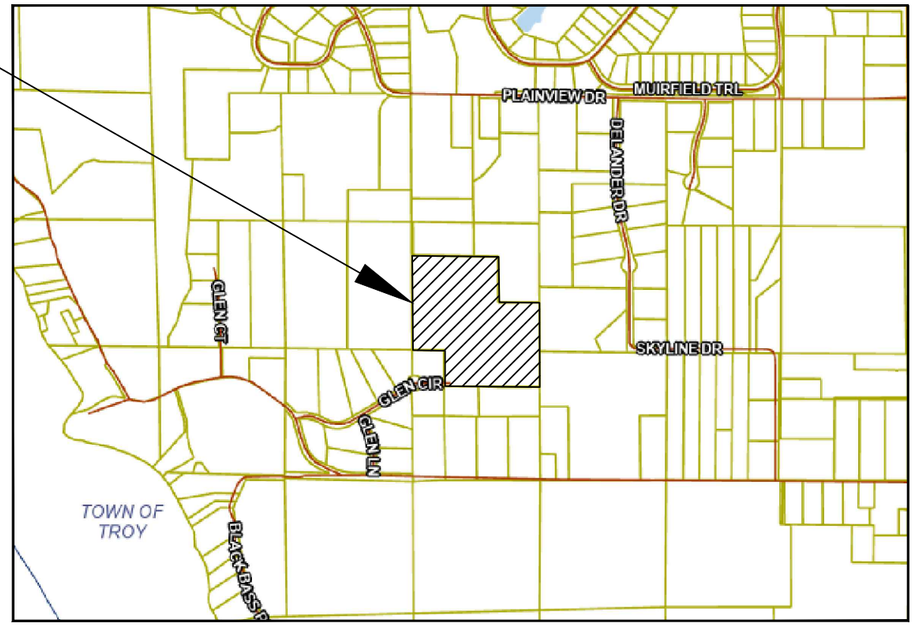
GLEN OAKS SUBDIVSION
TERRAIN INVENTORY, LLC
241A GLEN CIRCLE
TOWN OF TROY, WI 54022

ST. CROIX COUNTY

VICINITY MAP

811 Know what's **below.** **Call** before you dig.

PROJECT LOCATION



LOCATION MAP

CONTACTS

TOWN CLERK	TOWN OF TROY – CLERK ATTN: APRIL FREDRICK (715) 425–2665
TOWN ROAD MAINTENANCE	TOWN SHOP CONTACT ATTN: RICK JENSEN (715) 629–0302
SANITARY	WISE SEPIC SYSTEMS ATTN: RYAN BECHEL (651) 327–0074
POWER/ UTILITY	ST. CROIX ELECTRIC CO–OP ATTN: BRIAN FERG (715) 796–7000
FIRE DEPT.	CITY OF RIVER FALLS FIRE CHEIF ATTN: JUSTIN WILSON (715) 426–3534

ABBREVIATIONS:
BC=BACK OF CURB
BLK=BLOCK NUMBER
BTM=BOTTOM (ELEV)
CL=CENTERLINE
CS=CURB STOP
ELEV=ELEVATION
EOP=EDGE OF PAVEMENT
EX=EXISTING
FES=FLARED END SECTION
FF=FINISHED FLOOR (ELEV)
FL=FLOWLINE
GF=GARAGE FLOOR (ELEV) ⊙ OVERHEAD DOOR
GLG=GROUND LINE GROOVE
HWL=HIGH WATER LEVEL
INV=INVERT
LF=LINEAR FEET
LO=LOOKOUT STYLE HOME
LT=LEFT
MIN=MINIMUM
NWL=NORMAL WATER LEVEL
PC=POINT OF CURVE
PRC=CURVE REVERSAL POINT
PT=POINT OF TANGENCY
RAD=RADIUS
RT=RIGHT
R/W=RIGHT OF WAY
SAN=SANITARY SEWER
SP=SPOT ELEVATION
SS=SAFETY SHELF (ELEV)
STA=STATION
STM=STORM SEWER
TC=TOP OF CURB
T.O.P.=TOP OF PIPE
TP=TOP OF PAVEMENT
TYP=TYPICAL
W=WATER FITTINGS
WTR=WATER
WM=WATERMAIN
WO=WALKOUT STYLE HOME

LEGEND

EXISTING	PROPOSED	
		----BENCHMARK
		----CONTROL POINT
		----SIGN
		----CURB STOP
		----WELL
		----HYDRANT
		----GATE VALVE
		----CURB INLET
		----AREA DRAIN
		----SAN MH
		----STORM MH
		----SAN CLEANOUT
		----GAS MANHOLE
		----LIGHT POLE
		----UTILITY POLE
		----GUY WIRE
		----GUY POLE
		----PULL BOX
E		----ELEC PED
C		----CABLE PED
M		----MAILBOX
T		----TELE PED
		----IRON PIPE
		----ROW POST
		----REBAR
WTR	WTR	----WATER MAIN
SAN	SAN	----SANITARY SEWER
STM	STM	----STORM SEWER
OH		----OVERHEAD UTILITY
T		----TELEPHONE LINE
G		----GAS LINE
E		----ELECTRIC LINE
TV		----CABLE TV LINE
		----TREELINE
		----EXISTING TREES
		----MARSH
		----FENCE LINE
		----WOVEN WIRE FENCE
		----SILT FENCE
		----RETAINING WALL
870	910	----CONTOURS MAJOR
		----CONTOURS MINOR

SHEET SCHEDULE

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	EXISTING CONDITIONS & DEMOLITION PLAN
3	SITE PLAN
4	EROSION CONTROL PLAN
5	GRADING PLAN
6-7	ROAD PLAN & PROFILE
8-9	POND PLAN & PROFILE
10-11	CROSS SECTIONS
12	DETAILS

AEC PROJECT #: 25083 PLANS DATED: JANUARY 2026

CLIENT/DEVELOPER:
TERRAIN INVENTORY, LLC
ATTN: NATHAN WINSTON
13918 E MISSISSIPPI AVE, SUITE 60183
AURORA, CO 80012
PHONE: 720–808–1916
EMAIL: theterrainproject.com

PROJECT ENGINEER:
ADVANCED ENGINEERING CONCEPTS
ATTN: SEAN BOHAN, P.E.
1360 INTERNATIONAL DR,
EAU CLAIRE, WI 54701
PHONE: 715–552–0330
EMAIL: sbohan@aec.engineering

SCHEDULE OF REQUIRED PERMITS

APPROVALS NEEDED	DATE SUBMITTED	APPROVAL
TOWN OF TROY		
ST. CROIX COUNTY – STORMWATER		
WIDNR–NOTICE OF INTENT–WRAPP		

ADVANCED ENGINEERING CONCEPTS
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PH 715–552–0330
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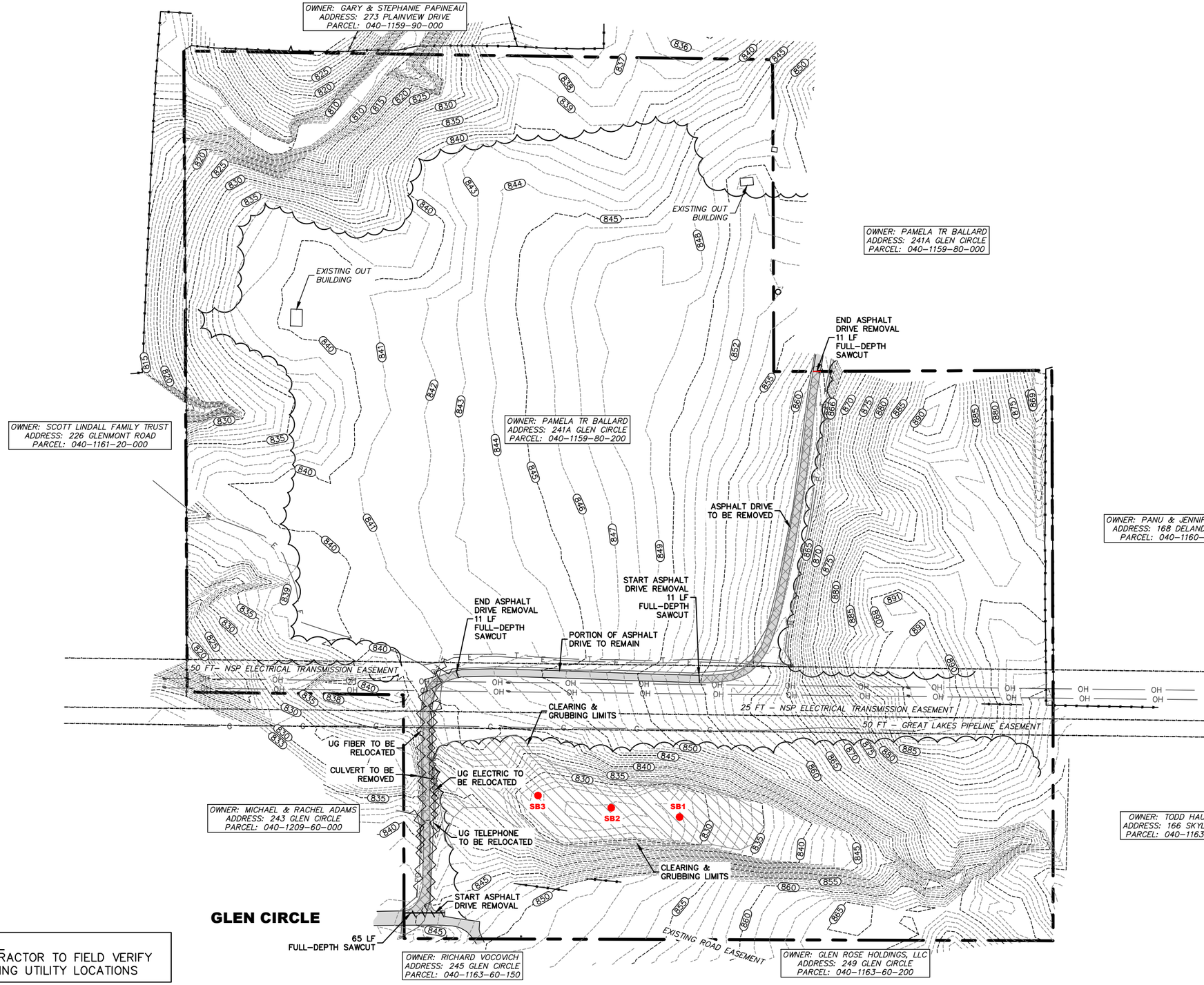

Know what's **below.**
Call before you dig.

NORTH

0 40 80 160

LEGEND

- EXISTING CONTOURS-MNR (1106)
- EXISTING CONTOURS-MJR (1105)
- CLEAR AND GRUB TREES (CLEARING LIMITS)
- REMOVE PAVEMENT
- FULL-DEPTH SAWCUT
- UTILITY REMOVAL

GENERAL NOTES:

1. UNDERGROUND UTILITIES ARE SHOWN IN APPROXIMATE LOCATIONS ONLY AND ARE NOT SHOWN IN THEIR ENTIRETY. CONTRACTOR SHALL NOTIFY UTILITIES A MINIMUM OF 3 DAYS PRIOR TO ANY EXCAVATION FOR FIELD VERIFICATION OF LOCATIONS. THE CLIENT, CITY, AND THE ENGINEER ARE NOT RESPONSIBLE OR LIABLE FOR ANY DAMAGE CAUSED TO EXISTING UTILITIES.
2. CLEARING AND GRUBBING SHALL ONLY BE IN THOSE LOCATIONS DIRECTED BY THE ENGINEER AND/OR OWNER. CONTRACTOR SHALL PROTECT ALL TREES, SHRUBS, AND CORRESPONDING ROOT SYSTEMS FROM DAMAGE. ALL WORK WITH POTENTIAL IMPACT ON UN-CLEARED TREES AND/OR SHRUBS SHALL BE COORDINATED WITH THE ENGINEER AND/OR OWNER.
3. CONTRACTOR SHALL NOT DISTURB ANY R/W IRONS. ANY REMOVAL SHALL BE APPROVED BY THE ENGINEER, OTHERWISE THE CONTRACTOR SHALL BE BILLED FOR REPLACEMENT.
4. CONTRACTOR SHALL VERIFY THE AMOUNT OF PAVEMENT REMOVAL WITH THE PROJECT MANAGER.
5. CONTRACTOR TO COORDINATE LOCATIONS AND LIMITS OF SAWCUTS WITH THE PROJECT MANAGER.
6. NO TREES OR STUMPS ARE TO BE BURIED ON SITE. CONTRACTOR IS RESPONSIBLE FOR ANY PERMITS FOR BURNING OR MATERIAL DISPOSAL.
7. CONTRACTOR TO REPAIR AND RESTORE ANY DAMAGED OR DISTURBED AREAS OF PAVEMENT, CONCRETE, LANDSCAPING, ELECTRICAL, AND AUTOMATIC IRRIGATION, ETC. TO ITS ORIGINAL CONDITION ON ADJACENT PROPERTIES.
8. IF DURING THE COURSE OF CONSTRUCTION THE CONTRACTOR FINDS ANY DISCREPANCIES OR CONFLICTS BETWEEN THE PROPOSED SITE IMPROVEMENTS INDICATED ON THE PLANS AND THE PHYSICAL CONDITIONS OF THE SITE, OR ANY ERRORS OR OMISSIONS WITHIN THE PLANS OR IN THE SITE LAYOUT AS PROVIDED BY THE ENGINEER, IT SHALL BE THE RESPONSIBILITY OR THE CONTRACTOR TO IMMEDIATELY NOTIFY THE ENGINEER. UNTIL AUTHORIZED TO PROCEED, ANY WORK PERFORMED AFTER SUCH DISCOVERY WILL BE AT THE CONTRACTOR'S SOLE RISK AND EXPENSE.
9. TOPOGRAPHIC SURVEY PERFORMED BY REAL LAND SURVEYING OCTOBER 30, 2025.

NOTE:
CONTRACTOR TO FIELD VERIFY EXISTING UTILITY LOCATIONS

NO.	DATE	REVISIONS	DRAFTED BY	DESIGN BY	CHECKED
-	-	-	-	-	-

PROJ. NO. 25083

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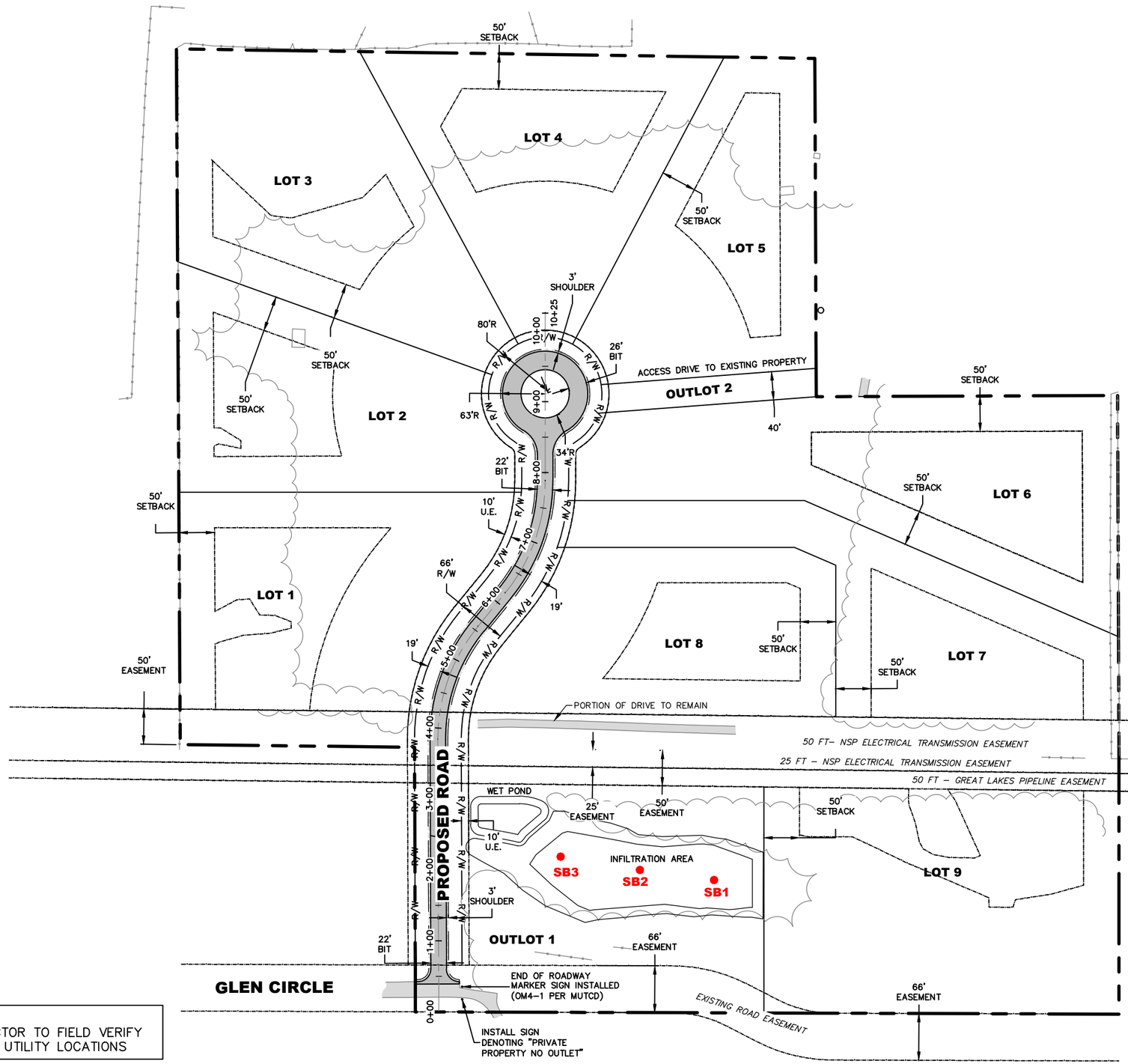
EXISTING CONDITIONS & DEMOLITION PLAN

GLEN OAK SUBDIVISION
TERRAIN INVENTORY, LLC
241A GLEN CIRCLE
TROY, WI 54022

DWG NAME 25083 PG2 EX & DEMO

DATE 01/2026



Know what's **below.** **Call** before you dig.

NORTH

0 40 80 160

GLEN OAK SUBDIVISION
241A GLEN CIRCLE

CURRENT ZONING:	AG–RESIDENTIAL
LOT SIZE:	1,461,668 SF (33.5 AC,)
EXISTING IMPERVIOUS AREA:	17,139–SF (1.2%)
PROPOSED USE:	RESIDENTIAL
PROPOSED PAVEMENT:	26,033–SF (1.8%)
PROPOSED GRAVEL:	5,956–SF (0.4%)
OVERALL IMPERVIOUSNESS:	38,118–SF (2.6%)
GREEN SPACE:	1,423,550–SF (97.4%)
STORM WATER TREATMENT:	GRASSED SWALES 1 WET POND 1 INFILTRATION BASIN

HATCHING LEGEND

- EXISTING CONCRETE PAVEMENT
- EXISTING BUILDING
- PROPOSED BITUMINOUS PAVEMENT
- PROPOSED BUILDING
- PROPOSED GRAVEL SHOULDER

TOWN OF TROY INSPECTION NOTE:

–TOWN OF TROY REQUIRES ALL PUBLIC AND/ OR PRIVATE IMPROVEMENTS TO TOWN SPECIFICATIONS CONSTRUCTED UNDER TOWN INSPECTION.

–PUBLIC OR PRIVATE IMPROVEMENTS MAY INCLUDE EROSION CONTROL, STORMWATER MANAGEMENT OR TREATMENT FACILITIES, CONSTRUCTION, GRADING, AND IMPROVEMENT OF PUBLIC WAYS SUCH AS STREETS, STREET LIGHTING, OR OTHER FACILITIES FOR THE PUBLIC BENEFIT OF THOSE OCCUPYING THE SUBDIVIDED SPACE OR TOWN RESIDENTS.

–TOWN INSPECTIONS SHALL BE PERFORMED DURING THE FOLLOWING PHASES OF CONSTRUCTION. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY THE TOWN AND/ OR ENGINEER PRIOR TO COMMENCEMENT WITH AMPLE SCHEDULING TIME FOR TOWN INSPECTOR.

- AT START OF CONSTRUCTION
- DURING SUBGRADE CONSTRUCTION & INSTALLATION OF STORM SEWER PIPE & CULVERTS
- DURING SUBGRADE CONSTRUCTION AND AFTER FINAL SUBBASE PHASE
- DURING BASE CONSTRUCTION AND AFTER FINAL BASE PHASE
- DURING BLACKTOP AND AFTER SHOULDERING
- DURING SOIL RESTORATION
- AT A FINAL WALK–THROUGH WHEN THE DEVELOPER REQUESTS ACCEPTANCE.

Horizontal Alignment Report

```
*****************************************************************
File: S:\Projects\_2018\AEC 25 Projects\25083\Dwg\25083
PG3 SITE PLAN.dwg
Report Date: 1/27/2026 8:17:15 AM
Alignment Name: ALN1
Station Range: Start:  0+00.00, End: 10+24.99
Description:
*****************************************************************

Begin ALN1
  N 308,769.5081   E 512,837.6005                    0+00.00

Line (1)
  N0° 12' 04"W    384.08'
  N 309,153.5884   E 512,836.2523                    3+84.08
Line (1)

Curve (2)
  BC   N 309,153.5884   E 512,836.2523               3+84.08
  CTR  N 309,154.4659   E 513,086.2508
  PI   N 309,243.2494   E 512,835.9376

    Direction Back   N0° 12' 04"W
      Radius      250.00'
      Delta       39°27'37"(RT)
      Length      172.18'
      Tangent     89.66'
      Chord Direction     N19° 31' 45"E   Distance   168.80'
    Direction Ahead N39° 15' 33"E

  EC   N 309,312.6735   E 512,892.6782               5+56.26
Curve (2)

Line (3)
  N39° 15' 33"E    60.90'
  N 309,359.8249   E 512,931.2152                    6+17.16
Line (3)

Curve (4)
  BC   N 309,359.8249   E 512,931.2152               6+17.16
  CTR  N 309,518.0325   E 512,737.6425
  PI   N 309,428.8658   E 512,987.6425

    Direction Back   N39° 15' 33"E
      Radius      250.00'
      Delta       39°15'33"(LT)
      Length      171.30'
      Tangent     89.17'
      Chord Direction     N19° 37' 47"E   Distance   167.97'
    Direction Ahead N0° 00' 00"W

  EC   N 309,518.0325   E 512,987.6425               7+88.46
Curve (4)

Line (5)
  N0° 00' 00"E    236.54'
  N 309,754.5676   E 512,987.6425                    10+24.99
Line (5)

  N 309,754.5676   E 512,987.6425                    10+24.99
End ALN1

*****************************************************************
Alignment Length: 1,024.99'
*****************************************************************
```

NOTE:
CONTRACTOR TO FIELD VERIFY EXISTING UTILITY LOCATIONS

NO.	DATE	REVISIONS	DRAFTED BY	DESIGN BY	CHECKED
–	–	–	–	–	–

PROJ. NO. 25083

ADVANCED ENGINEERING CONCEPTS
1360 INTERNATIONAL DR
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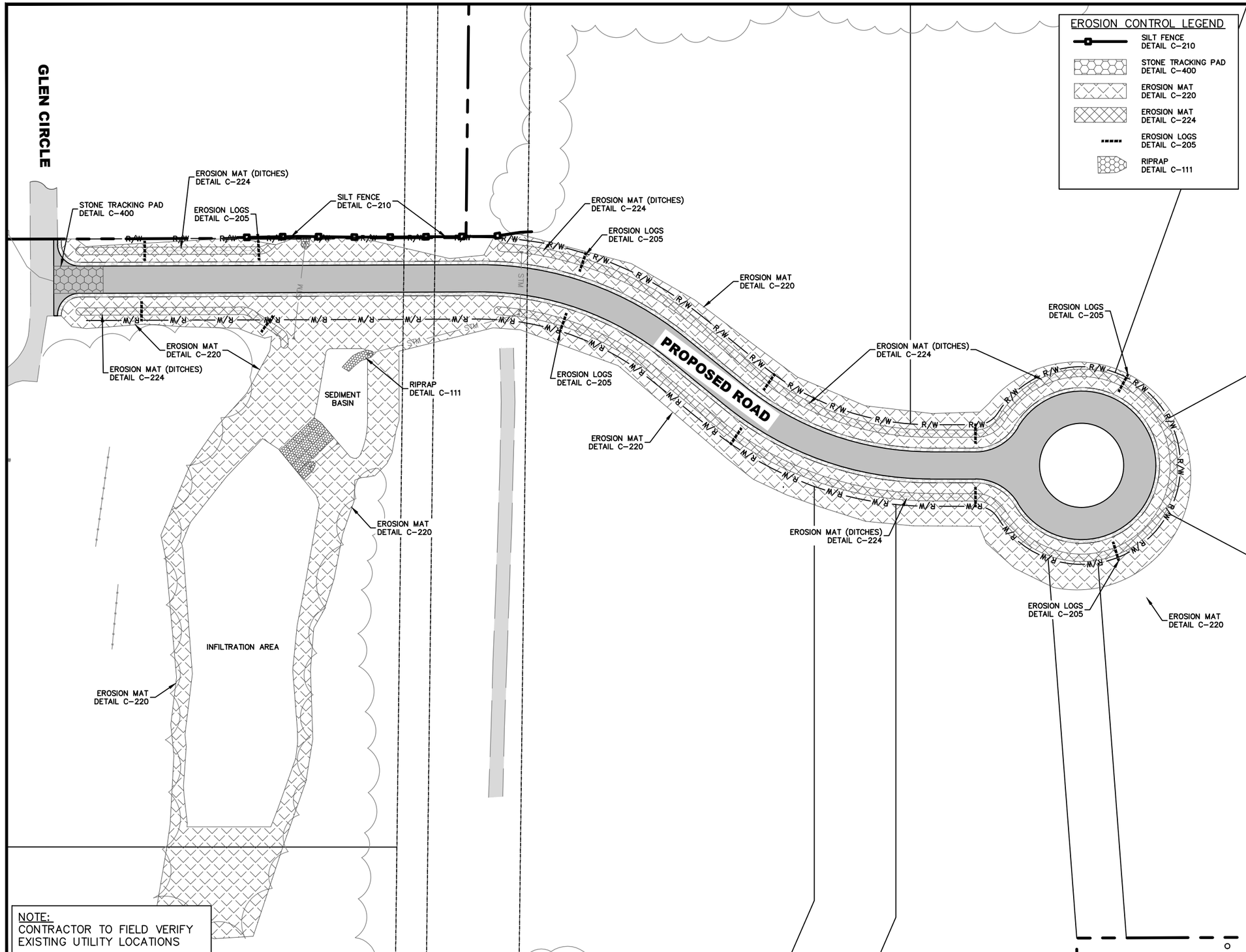
SITE PLAN

GLEN OAK SUBDIVISION
TERRAIN INVENTORY, LLC
241A GLEN CIRCLE
TROY, WI 54022

DWG NAME 25083 PG3 SITE

DATE 01/2026



EROSION CONTROL LEGEND

- SILT FENCE DETAIL C-210
- STONE TRACKING PAD DETAIL C-400
- EROSION MAT DETAIL C-220
- EROSION MAT DETAIL C-224
- EROSION LOGS DETAIL C-205
- RIPRAP DETAIL C-111

811 Know what's **below.** **Call** before you dig.

NORTH

0 20 40 80

THE EROSION CONTROL ON THIS PLAN HAS BEEN PREPARED AS A GUIDE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING, MODIFYING AND IMPLEMENTING AN ALTERNATE EROSION CONTROL PLAN BASED ON THEIR MEANS, METHODS, TECHNIQUES, SEQUENCES, AND PROCEDURES OF CONSTRUCTION.

EROSION CONTROL NOTES:

1. POST WDNR CERTIFICATE OF PERMIT COVERAGE ON SITE AND MAINTAIN UNTIL CONSTRUCTION ACTIVITIES HAVE CEASED, THE SITE IS STABILIZED, AND A NOTICE OF TERMINATION IS FILED WITH WDNR.
2. KEEP A COPY OF THE CURRENT EROSION CONTROL PLAN ON SITE THROUGHOUT THE DURATION OF THE PROJECT.
3. SUBMIT PLAN REVISIONS OR AMENDMENTS TO THE WDNR AT LEAST 5 DAYS PRIOR TO FIELD IMPLEMENTATION.
4. CONTRACTOR IS RESPONSIBLE FOR ROUTINE SITE INSPECTIONS AT LEAST ONCE EVERY 7 DAYS AND WITHIN 24 HOURS AFTER A RAINFALL EVENT OF 0.5 INCHES OR GREATER. KEEP INSPECTION REPORTS ON-SITE AND MAKE THEM AVAILABLE UPON REQUEST.
5. INSPECT AND MAINTAIN ALL INSTALLED EROSION CONTROL PRACTICES UNTIL THE CONTRIBUTING DRAINAGE AREA HAS BEEN STABILIZED.
6. WHEN POSSIBLE: PRESERVE EXISTING VEGETATION (ESPECIALLY ADJACENT TO SURFACE WATERS), MINIMIZE LAND-DISTURBING CONSTRUCTION ACTIVITY ON SLOPES OF 20% OR MORE, MINIMIZE SOIL COMPACTION, AND PRESERVE TOPSOIL.
7. REFER TO THE WDNR STORMWATER CONSTRUCTION TECHNICAL STANDARDS AT http://dnr.wi.gov/topic/stormwater/standards/const_standards.html.
8. INSTALL PERIMETER EROSION CONTROLS AND STONE TRACKING PAD CONSTRUCTION ENTRANCE(S) PRIOR TO ANY LAND-DISTURBING ACTIVITIES, INCLUDING CLEARING AND GRUBBING. USE WDNR TECHNICAL STANDARD STONE TRACKING PAD AND TIRE WASHING #1057 FOR ROCK CONSTRUCTION ENTRANCE(S).
9. INSTALL INLET PROTECTION PRIOR TO LAND-DISTURBING ACTIVITIES IN THE CONTRIBUTING DRAINAGE AREA AND/OR IMMEDIATELY UPON INLET INSTALLATION. COMPLY WITH WDNR TECHNICAL STANDARD STORM DRAIN INLET PROTECTION FOR CONSTRUCTION SITES #1060.
10. STAGE CONSTRUCTION GRADING ACTIVITIES TO MINIMIZE THE CUMULATIVE EXPOSED AREA. CONDUCT TEMPORARY GRADING FOR EROSION CONTROL PER WDNR TECHNICAL STANDARD TEMPORARY GRADING PRACTICES FOR EROSION CONTROL #1067.
11. COMPLETE AND STABILIZE SEDIMENT BASINS/TRAPS OR WET PONDS 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 (REFER TO NR528). CONSTRUCT AND MAINTAIN THE SEDIMENT BASIN PER WDNR TECHNICAL STANDARD SEDIMENT BASIN #1064 AND SEDIMENT TRAP #1063.
12. CONSTRUCT AND PROTECT THE INFILTRATION BASIN AND VEGETATION FROM RUNOFF AND SEDIMENT DURING CONSTRUCTION. REFERENCE THE WDNR TECHNICAL STANDARD BIORETENTION FOR INFILTRATION #1004.
13. INSTALL AND MAINTAIN SILT FENCING PER WDNR TECHNICAL STANDARD SILT FENCE #1056. REMOVE SEDIMENT FROM BEHIND SILT FENCES AND SEDIMENT BARRIERS BEFORE SEDIMENT REACHES A DEPTH THAT IS EQUAL TO ONE-HALF OF THE FENCE AND/OR BARRIER HEIGHT.
14. REPAIR BREAKS AND GAPS IN SILT FENCES AND BARRIERS IMMEDIATELY. REPLACE DECOMPOSING STRAW BALES (TYPICAL BALE LIFE IS 3 MONTHS). LOCATE, INSTALL, AND MAINTAIN STRAW BALES PER WDNR TECHNICAL STANDARD DITCH CHECKS #1062.
15. INSTALL AND MAINTAIN FILTER SOCKS IN ACCORDANCE WITH WDNR TECHNICAL STANDARD INTERIM MANUFACTURED PERIMETER CONTROL AND SLOPE INTERRUPTION PRODUCTS #1071.
16. IMMEDIATELY STABILIZE STOCKPILES AND SURROUND STOCKPILES AS NEEDED WITH SILT FENCE OR OTHER PERIMETER CONTROL IF STOCKPILES WILL REMAIN INACTIVE FOR 7 DAYS OR LONGER.
17. IMMEDIATELY STABILIZE ALL DISTURBED AREAS THAT WILL REMAIN INACTIVE FOR 14 DAYS OR LONGER. BETWEEN SEPTEMBER 15 AND OCTOBER 15: STABILIZE WITH MULCH, TACKIFIER, AND A PERENNIAL SEED MIXED WITH WINTER WHEAT, ANNUAL OATS, OR ANNUAL RYE, AS APPROPRIATE FOR REGION AND SOIL TYPE OCTOBER 15 THROUGH COLD WEATHER: STABILIZE WITH A POLYMER AND DORMANT SEED MIX, AS APPROPRIATE FOR REGION AND SOIL TYPE.
18. STABILIZE AREAS OF FINAL GRADING WITHIN 7 DAYS OF REACHING FINAL GRADE.
19. SWEEP/CLEAN UP ALL SEDIMENT/TRASH THAT MOVES OFF-SITE DUE TO CONSTRUCTION ACTIVITY OR STORM EVENTS BEFORE THE END OF THE SAME WORKDAY OR AS DIRECTED BY CONTRACTOR. SEPARATE SWEPT MATERIALS (SOILS AND TRASH) AND DISPOSE OF APPROPRIATELY.
20. CONTRACTOR IS RESPONSIBLE FOR CONTROLLING DUST PER WDNR TECHNICAL STANDARD DUST CONTROL ON CONSTRUCTION SITES #1068.
21. PROPERLY DISPOSE OF ALL WASTE AND UNUSED BUILDING MATERIALS (INCLUDING GARBAGE, DEBRIS, CLEANING WASTES, OR OTHER CONSTRUCTION MATERIALS) AND DO NOT ALLOW THESE MATERIALS TO BE CARRIED BY RUNOFF INTO THE RECEIVING CHANNEL.
22. COORDINATE WITH ENGINEER TO UPDATE THE LAND DISTURBANCE PERMIT TO INDICATE THE ANTICIPATED OR LIKELY DISPOSAL LOCATIONS FOR ANY EXCAVATED SOILS OR CONSTRUCTION DEBRIS THAT WILL BE HAULED OFF-SITE FOR DISPOSAL. THE DEPOSITED OR STOCKPILED MATERIAL NEEDS TO INCLUDE PERIMETER SEDIMENT CONTROL MEASURES (SUCH AS SILT FENCE, HAY BALES, FILTER SOCKS, OR COMPACTED EARTHEN BERMS).
23. FOR NON-CHANNELIZED FLOW ON DISTURBED OR CONSTRUCTED SLOPES, PROVIDE CLASS I TYPE A EROSION CONTROL MATTING. SELECT EROSION MATTING FROM APPROPRITE MATRIX IN WDOTS WIDOT PRODUCT ACCEPTABILITY LIST (PAL); INSTALL AND MAINTAIN PER WDNR TECHNICAL STANDARD NON-CHANNEL EROSION MAT #1052.
24. FOR CHANNELIZED FLOW ON DISTURBED OR CONSTRUCTED AREAS, PROVIDE CLASS I TYPE B EROSION CONTROL MATTING. SELECT EROSION MATTING FROM APPROPRIATE MATRIX IN WDOTS WIDOT PRODUCT ACCEPTABILITY LIST (PAL); INSTALL AND MAINTAIN PER WDNR TECHNICAL STANDARD CHANNEL EROSION MAT #1053.
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.

NOTE:
CONTRACTOR TO FIELD VERIFY EXISTING UTILITY LOCATIONS

NO.	DATE	REVISIONS	DRAFTED BY	DESIGN BY	CHECKED
-	-	-	-	-	-

PROJ. NO. 25083

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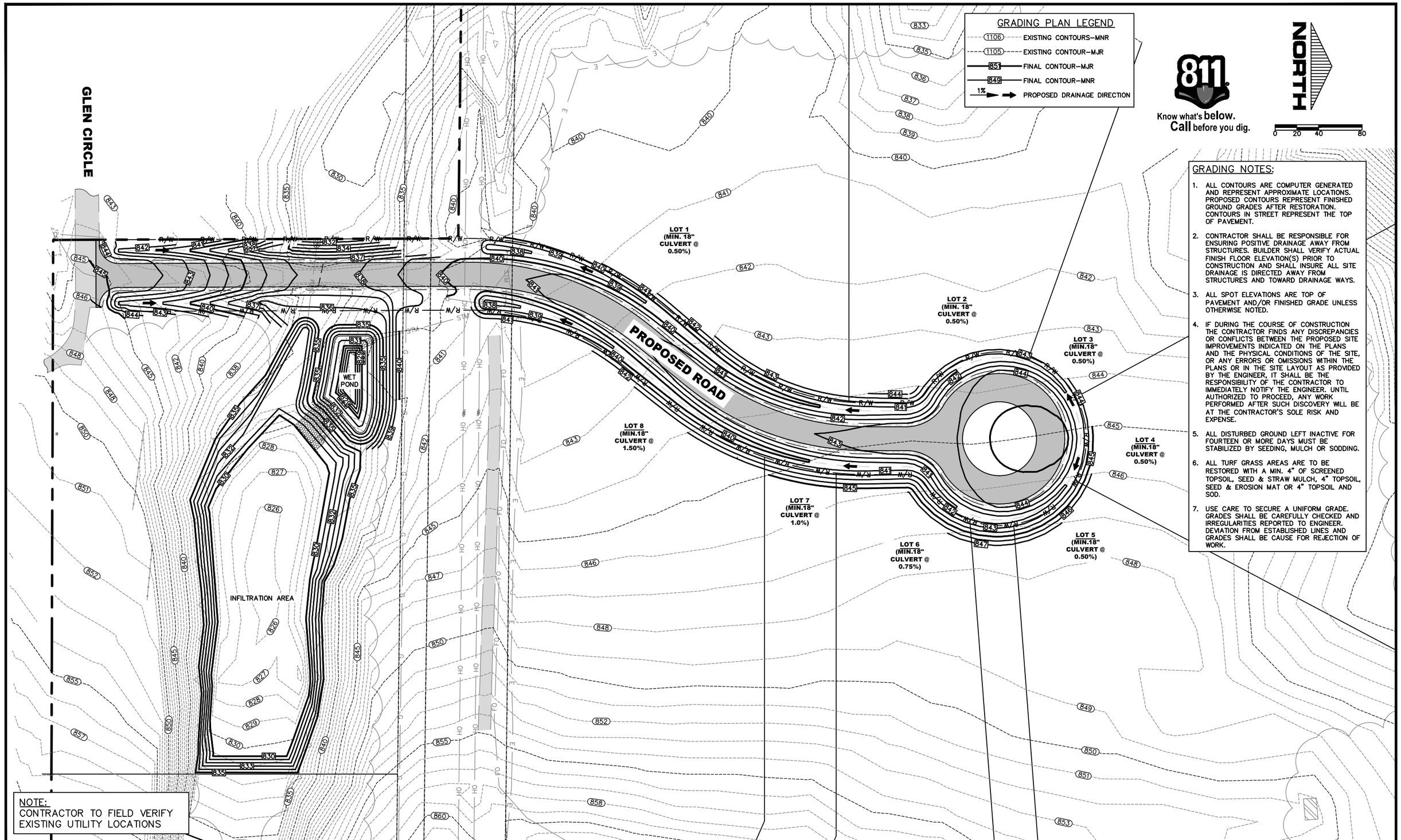
EROSION CONTROL PLAN

GLEN OAK SUBDIVISION
TERRAIN INVENTORY, LLC
241A GLEN CIRCLE
TROY, WI 54022

DWG NAME 25083 PG4 ERO CON

DATE 01/2026



GRADING NOTES:

1. ALL CONTOURS ARE COMPUTER GENERATED AND REPRESENT APPROXIMATE LOCATIONS. PROPOSED CONTOURS REPRESENT FINISHED GROUND GRADES AFTER RESTORATION. CONTOURS IN STREET REPRESENT THE TOP OF PAVEMENT.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING POSITIVE DRAINAGE AWAY FROM STRUCTURES. BUILDER SHALL VERIFY ACTUAL FINISH FLOOR ELEVATION(S) PRIOR TO CONSTRUCTION AND SHALL INSURE ALL SITE DRAINAGE IS DIRECTED AWAY FROM STRUCTURES AND TOWARD DRAINAGE WAYS.
3. ALL SPOT ELEVATIONS ARE TOP OF PAVEMENT AND/OR FINISHED GRADE UNLESS OTHERWISE NOTED.
4. IF DURING THE COURSE OF CONSTRUCTION THE CONTRACTOR FINDS ANY DISCREPANCIES OR CONFLICTS BETWEEN THE PROPOSED SITE IMPROVEMENTS INDICATED ON THE PLANS AND THE PHYSICAL CONDITIONS OF THE SITE, OR ANY ERRORS OR OMISSIONS WITHIN THE PLANS OR IN THE SITE LAYOUT AS PROVIDED BY THE ENGINEER, IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO IMMEDIATELY NOTIFY THE ENGINEER. UNTIL AUTHORIZED TO PROCEED, ANY WORK PERFORMED AFTER SUCH DISCOVERY WILL BE AT THE CONTRACTOR'S SOLE RISK AND EXPENSE.
5. ALL DISTURBED GROUND LEFT INACTIVE FOR FOURTEEN OR MORE DAYS MUST BE STABILIZED BY SEEDING, MULCH OR SODDING.
6. ALL TURF GRASS AREAS ARE TO BE RESTORED WITH A MIN. 4" OF SCREENED TOPSOIL, SEED & STRAW MULCH, 4" TOPSOIL, SEED & EROSION MAT OR 4" TOPSOIL AND SOD.
7. USE CARE TO SECURE A UNIFORM GRADE. GRADES SHALL BE CAREFULLY CHECKED AND IRREGULARITIES REPORTED TO ENGINEER. DEVIATION FROM ESTABLISHED LINES AND GRADES SHALL BE CAUSE FOR REJECTION OF WORK.

NOTE:
CONTRACTOR TO FIELD VERIFY EXISTING UTILITY LOCATIONS

NO.	DATE	REVISIONS	DRAFTED BY	DESIGN BY	CHECKED
–	–	–	–	–	–

PROJ. NO. 25083

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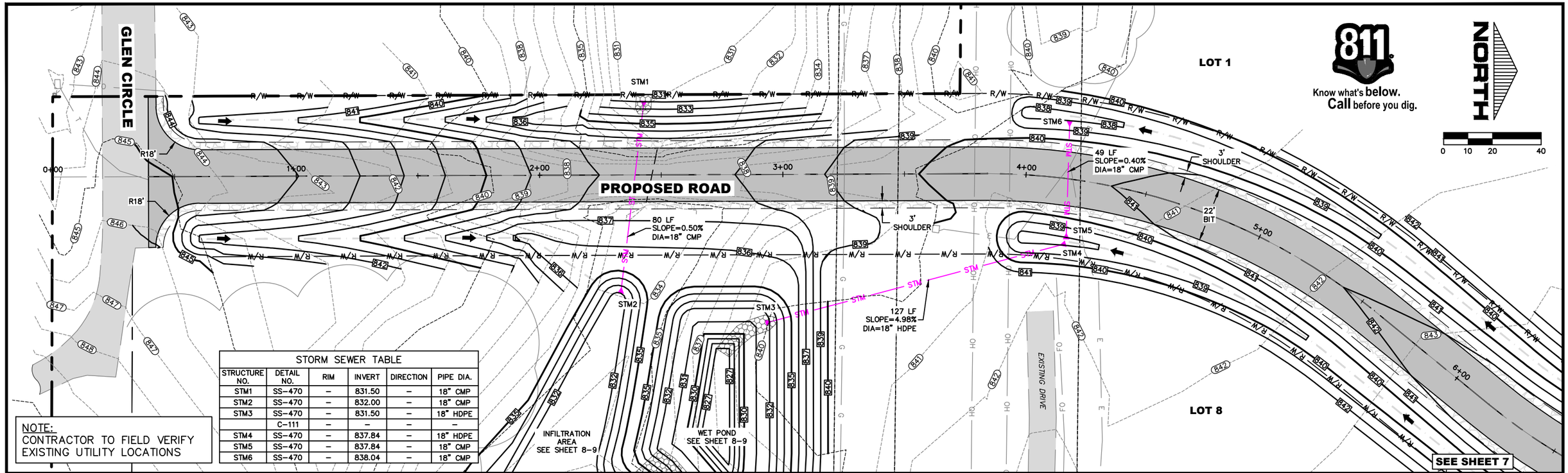
OVERALL GRADING PLAN

GLEN OAK SUBDIVISION
TERRAIN INVENTORY, LLC
241A GLEN CIRCLE
TROY, WI 54022

DWG NAME 25083 PG5 GRADING

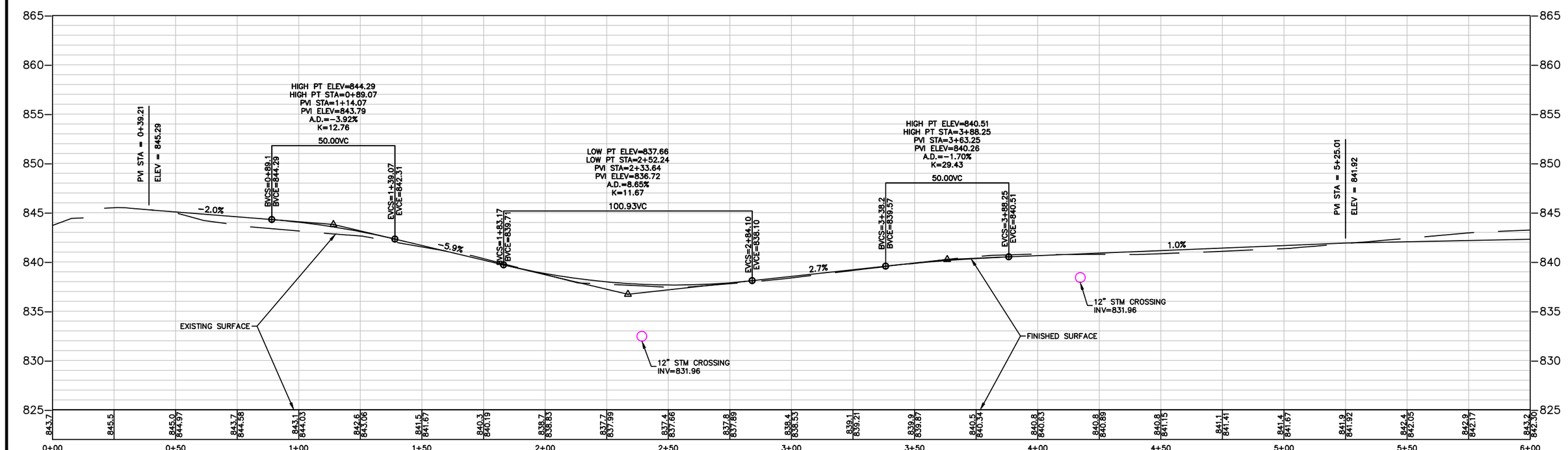
DATE 01/2026



NOTE:
CONTRACTOR TO FIELD VERIFY EXISTING UTILITY LOCATIONS

STORM SEWER TABLE

STRUCTURE NO.	DETAIL NO.	RIM	INVERT	DIRECTION	PIPE DIA.
STM1	SS-470	–	831.50	–	18" CMP
STM2	SS-470	–	832.00	–	18" CMP
STM3	SS-470	–	831.50	–	18" HDPE
	C-111	–	–	–	–
STM4	SS-470	–	837.84	–	18" HDPE
STM5	SS-470	–	837.84	–	18" CMP
STM6	SS-470	–	838.04	–	18" CMP



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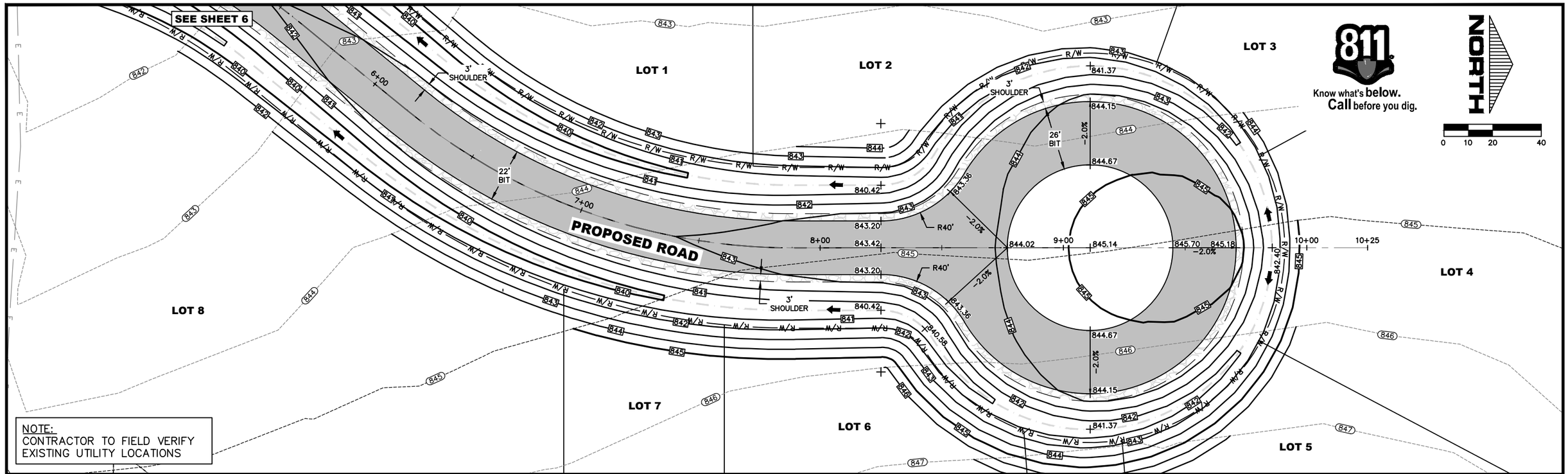
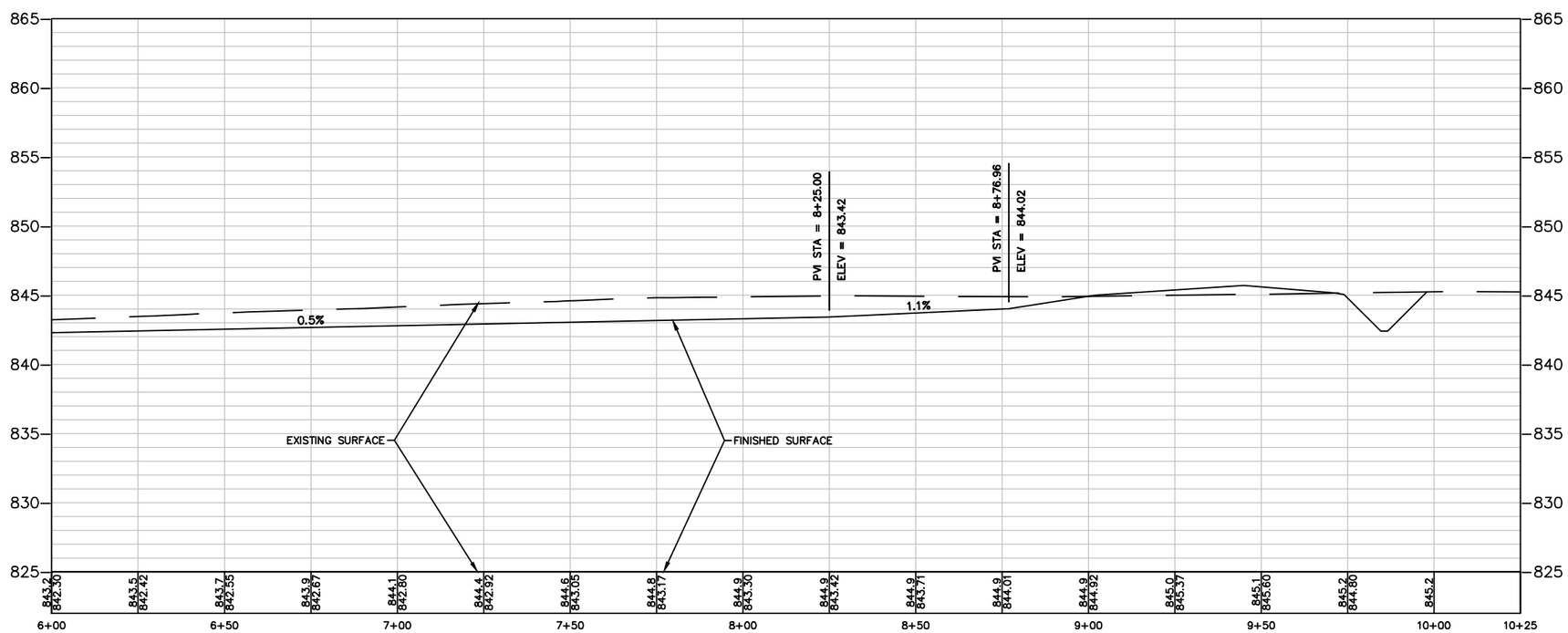
TROY, WI 54022

DWG NAME 25083 PG6 ROAD P&P
DATE 01/2026



NOTE:
CONTRACTOR TO FIELD VERIFY EXISTING UTILITY LOCATIONS



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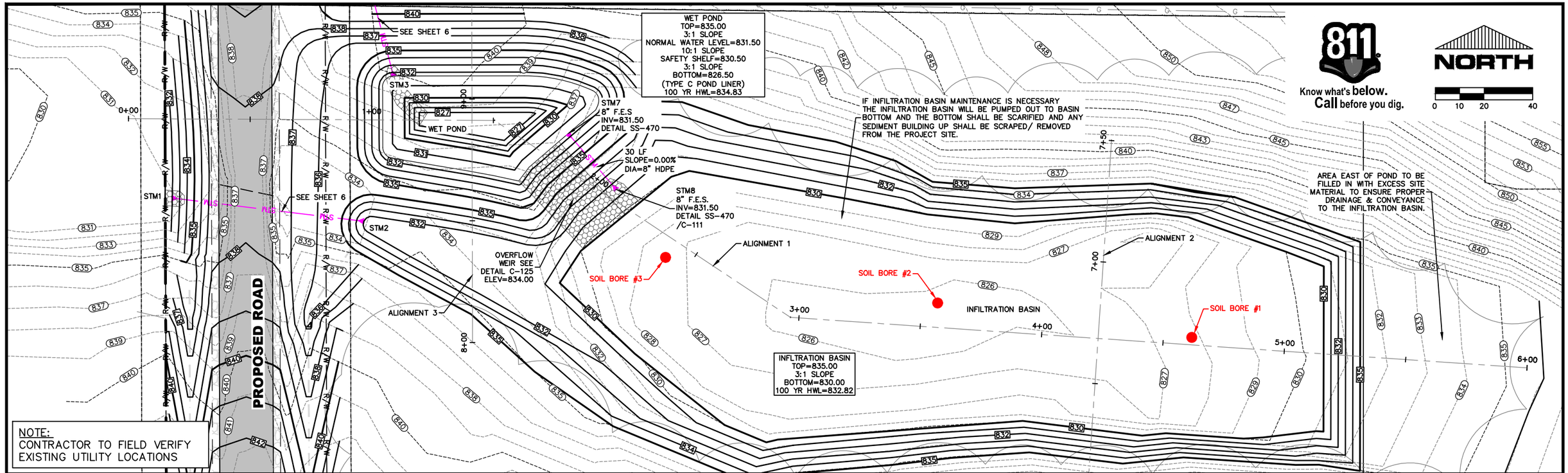

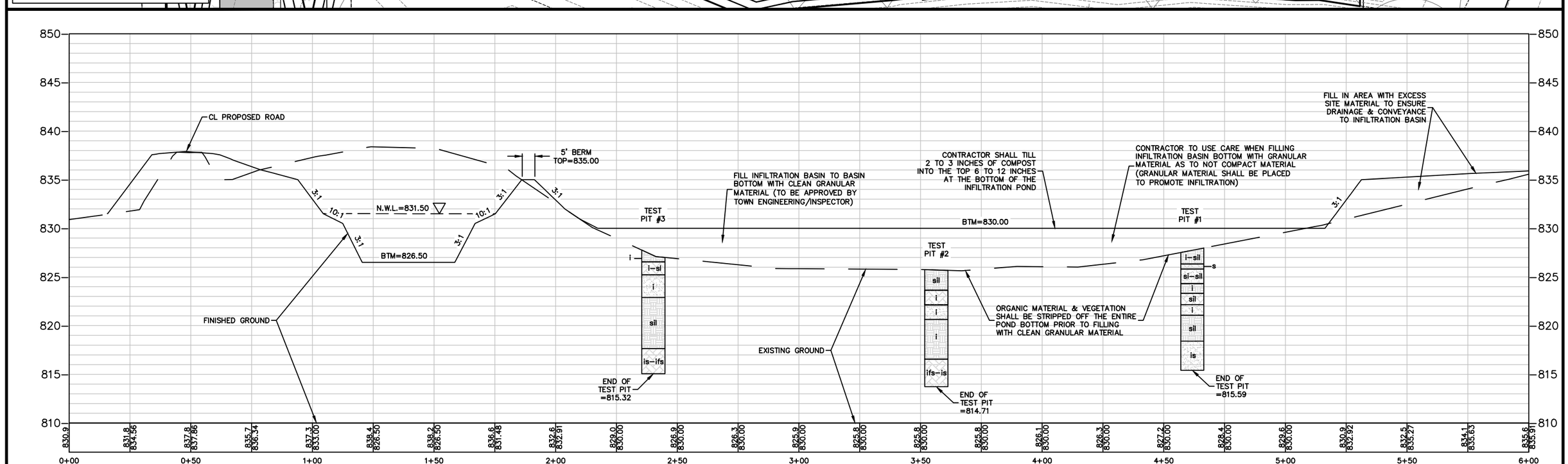

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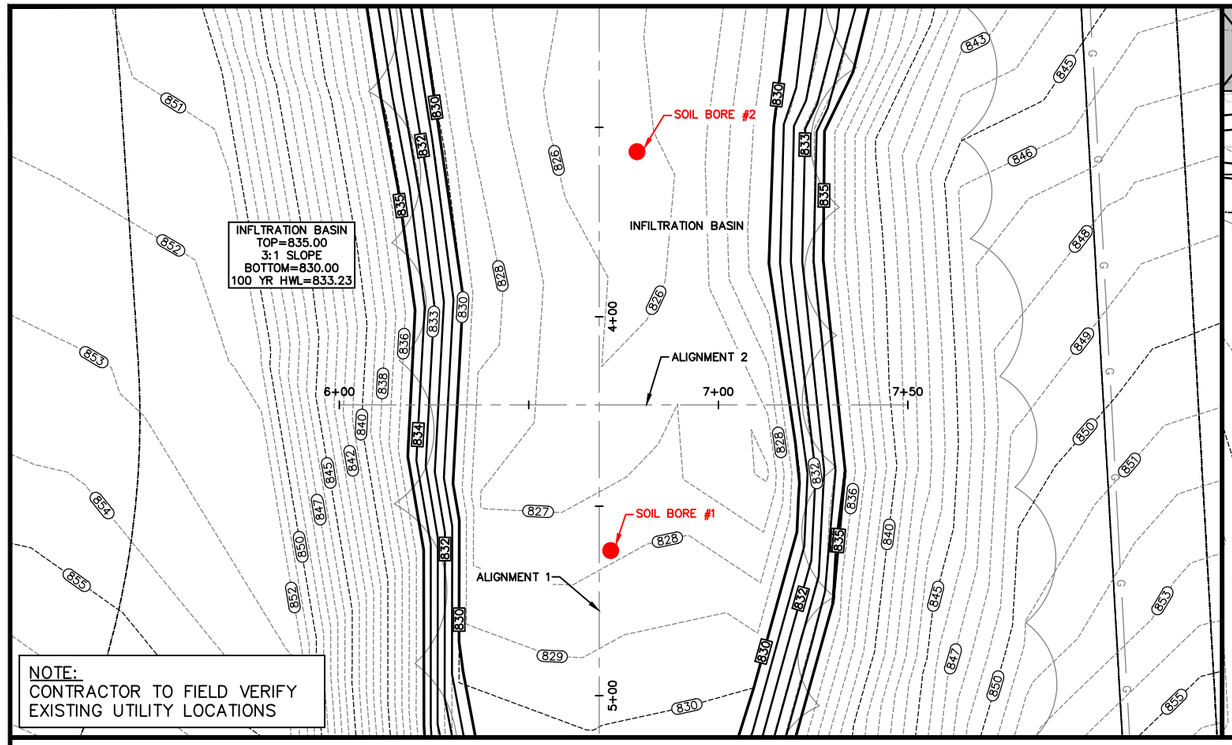
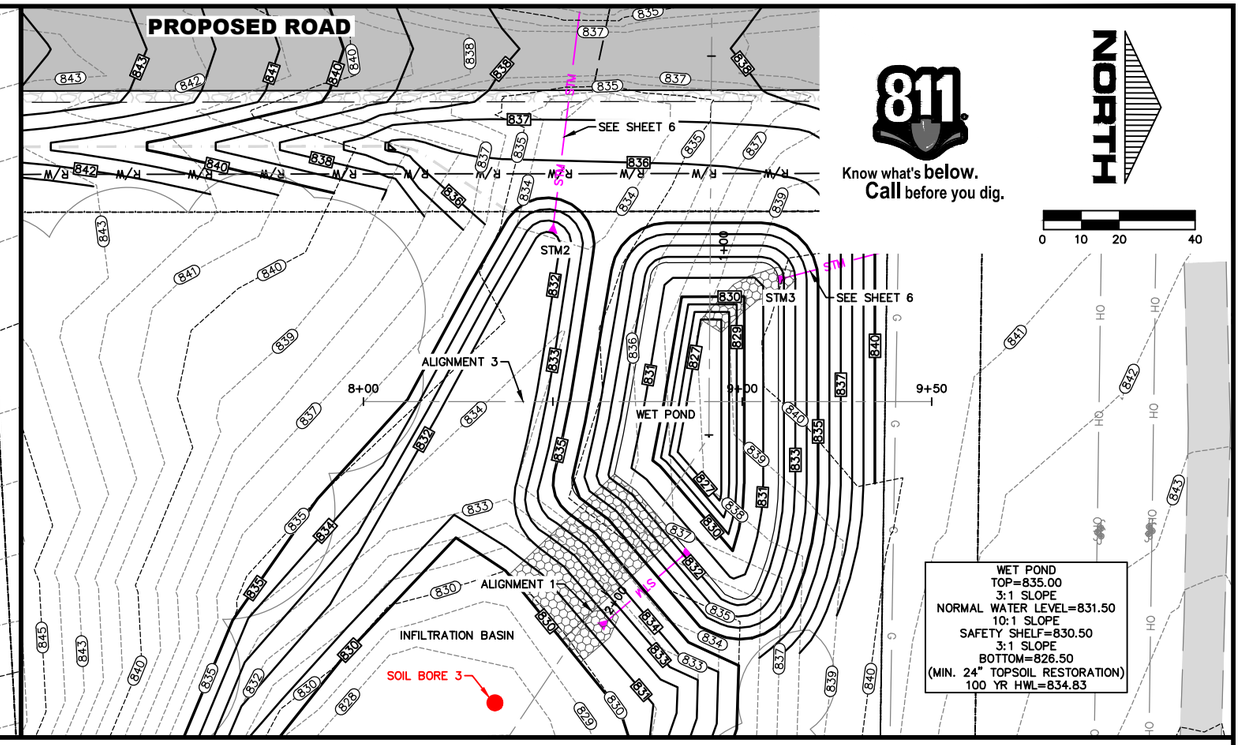
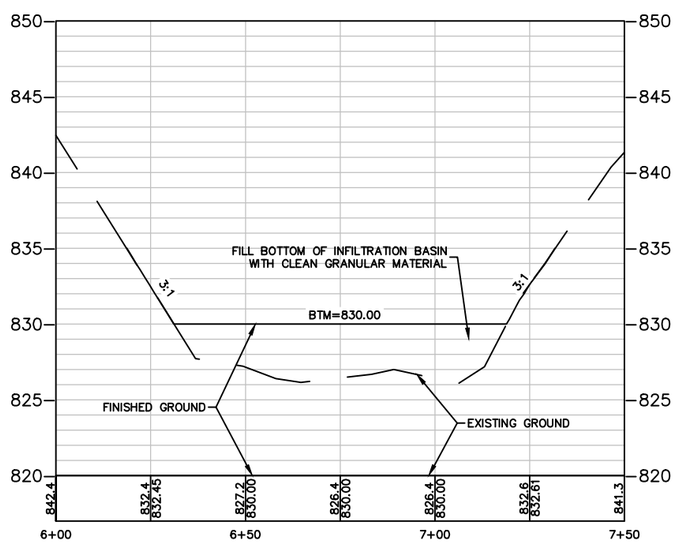
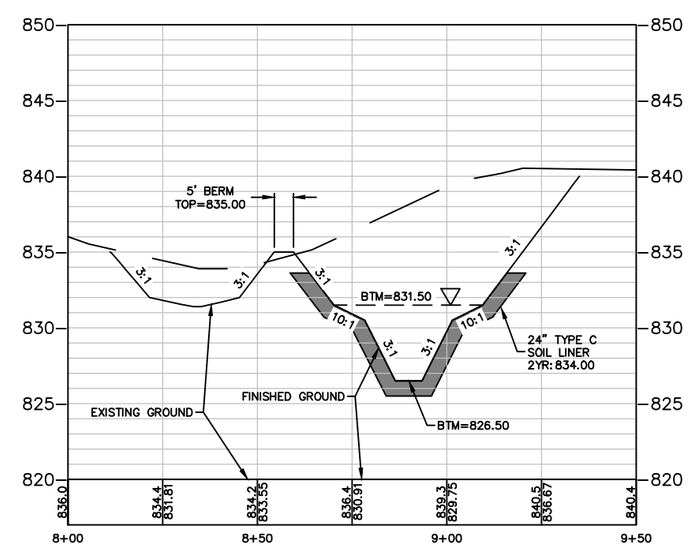


NOTE:
CONTRACTOR TO FIELD VERIFY
EXISTING UTILITY LOCATIONS







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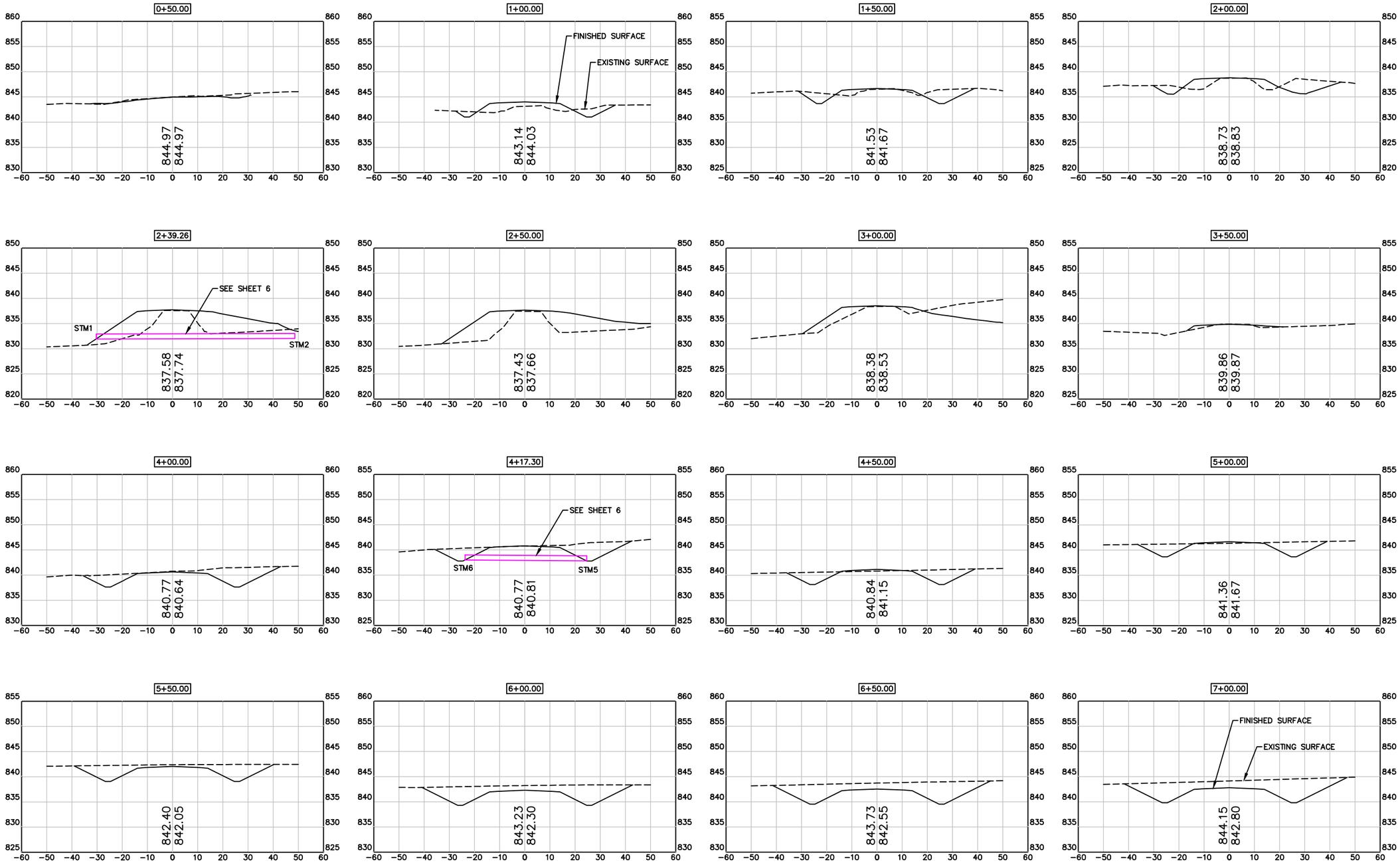

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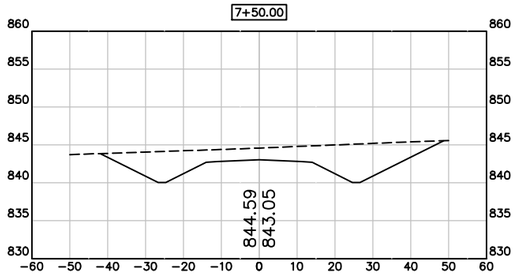
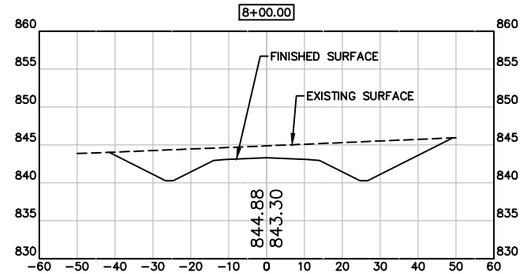
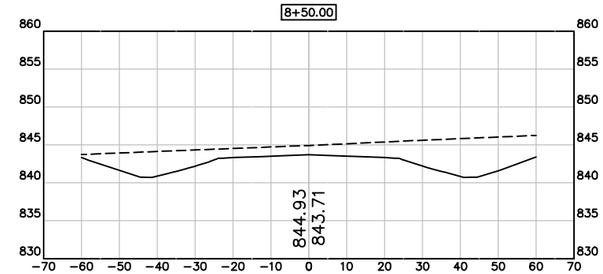
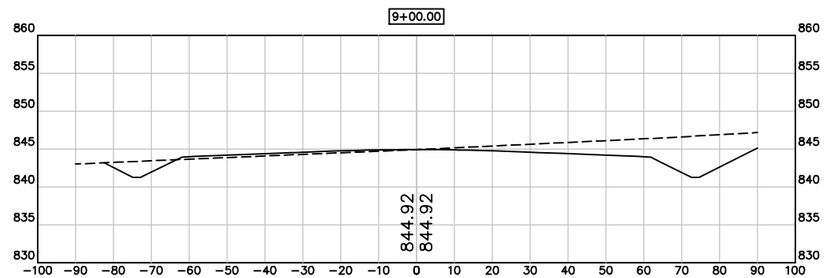
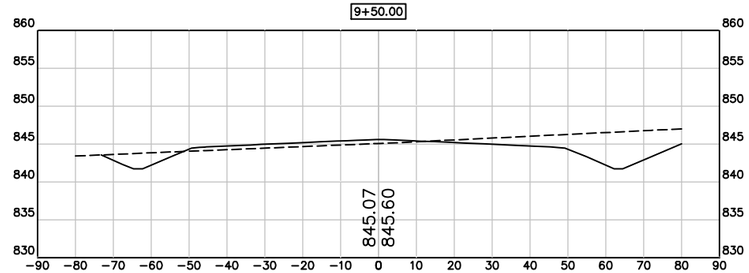
DATE 01/2026

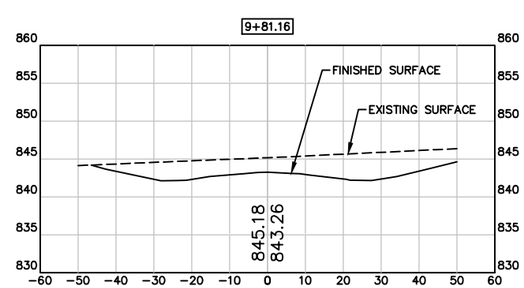












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DWG NAME 25083 PG10 X-SEC

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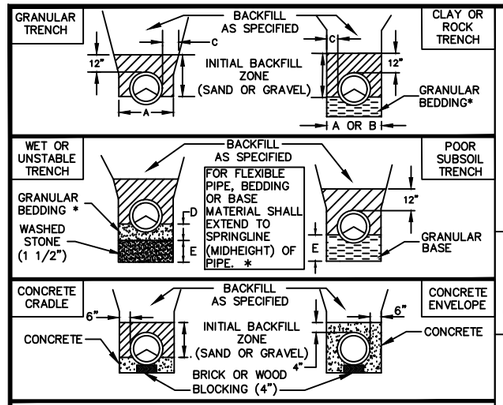
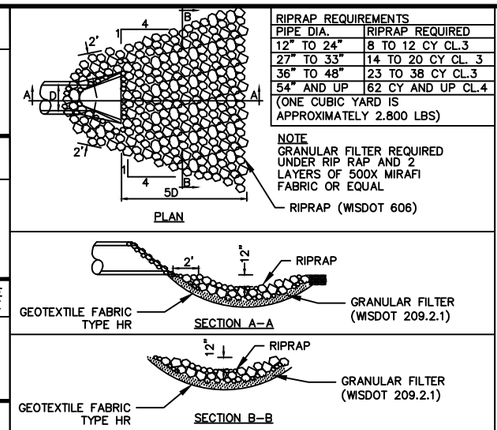


A=O.D. PIPE + 24"(MAX.)
B=O.D. PIPE + 18"(MAX.) FOR ROCK
C=6" MIN.
D=3/4/6" BELOW BARREL FOR CLAY
E=DETERMINED BY A/E

STANDARD TRENCH SECTION

C 100 NOT TO SCALE

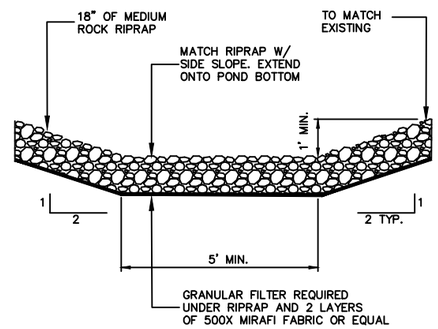


RIPRAP REQUIREMENTS	
PIPE DIA.	RIPRAP REQUIRED
12" TO 24"	8 TO 12 CY CL.3
27" TO 33"	14 TO 20 CY CL. 3
36" TO 48"	23 TO 38 CY CL.3
54" AND UP	62 CY AND UP CL.4
(ONE CUBIC YARD IS APPROXIMATELY 2.800 LBS)	

NOTE
GRANULAR FILTER REQUIRED UNDER RIP RAP AND 2 LAYERS OF 500X MIRAFI FABRIC OR EQUAL

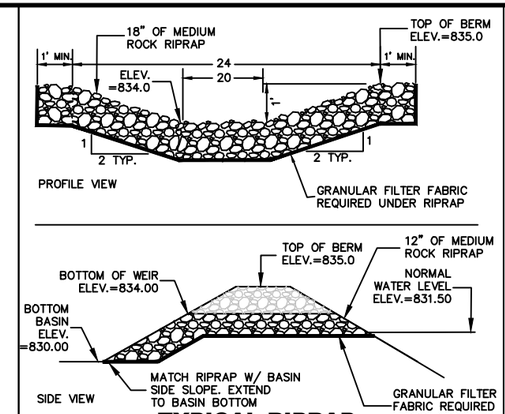
RIPRAP CULVERT DISCHARGE DETAIL

C 111 NOT TO SCALE



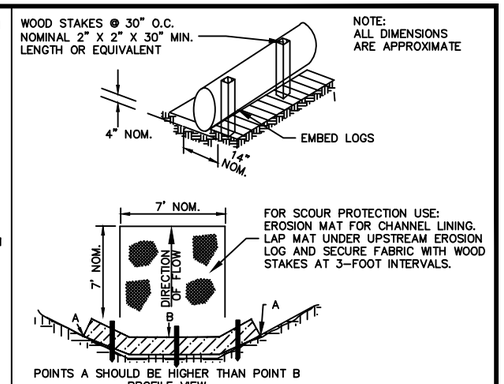
TYPICAL RIPRAP FLOW DISSIPATION SECTION

C 122 NOT TO SCALE



TYPICAL RIPRAP TRAPEZOIDAL WEIR OUTLET

C 125 NOT TO SCALE

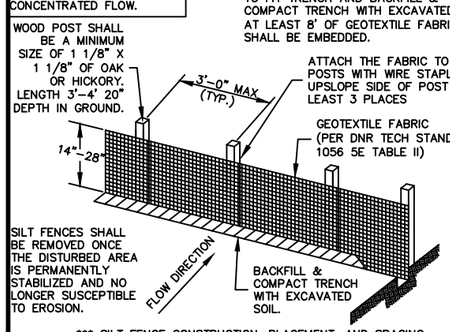


PROPER PLACEMENT OF EROSION LOG BARRIER IN DRAINAGE WAY

C 205 NOT TO SCALE

SILT FENCE IS NOT INTENDED FOR USE IN CONTROLLING RUNOFF IN SWALES, DITCHES OR OTHER PLACES OF CONCENTRATED FLOW.

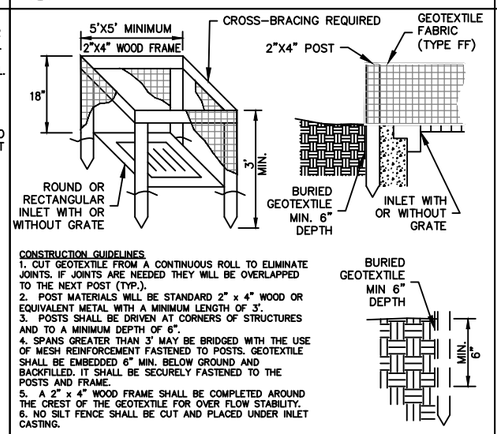
EXCAVATE A TRENCH A MINIMUM OF 4" WIDE & 6" DEEP TO BURY AND ANCHOR THE GEOTEXTILE FABRIC. FOLD MATERIAL TO FIT TRENCH AND BACKFILL & COMPACT TRENCH WITH EXCAVATED SOIL. AT LEAST 8' OF GEOTEXTILE FABRIC SHALL BE EMBEDDED.



*** SILT FENCE CONSTRUCTION, PLACEMENT, AND SPACING SHOULD *** COMPLY WITH WIDNR TECHNICAL STANDARD–1056, LATEST REVISION. WHEN DISCREPANCIES APPEAR, THE TECHNICAL STANDARD–1056 SHALL SUPERSEDE.

SILT FENCE DETAIL

C 210 NOT TO SCALE



CONSTRUCTION GUIDELINES
1. CUT GEOTEXTILE FROM A CONTINUOUS ROLL TO ELIMINATE JOINTS. IF JOINTS ARE NEEDED THEY WILL BE OVERLAPPED TO THE NEXT POST (TYP.).
2. POST MATERIALS WILL BE STANDARD 2" x 4" WOOD OR EQUIVALENT METAL WITH A MINIMUM LENGTH OF 3'.
3. POSTS SHALL BE DRIVEN AT CORNERS OF STRUCTURES AND TO A MINIMUM DEPTH OF 6".
4. SPANS GREATER THAN 3' MAY BE BRIDGED WITH THE USE OF MESH REINFORCEMENT FASTENED TO POSTS. GEOTEXTILE SHALL BE EMBEDDED 6" MIN. BELOW GROUND AND BACKFILLED. IT SHALL BE SECURELY FASTENED TO THE POSTS AND FRAME.
5. A 2" x 4" WOOD FRAME SHALL BE COMPLETED AROUND THE CREST OF THE GEOTEXTILE FOR OVER FLOW STABILITY.
6. NO SILT FENCE SHALL BE CUT AND PLACED UNDER INLET CASTING.

INLET PROTECTION - TYPE A

C 211 NOT TO SCALE

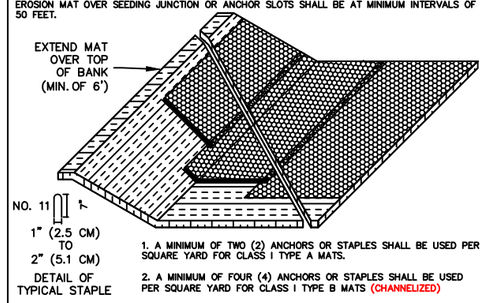
GENERAL NOTES EROSION MAT
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

LAP JOINTS SHALL NOT BE PLACED IN THE BOTTOM OF V–SHAPED DITCHES.

JUNCTION SLOTS ON ADJACENT STRIPS OF MATTING SHALL BE STAGGERED A MINIMUM OF 4 FEET (1.219 M) APART.

EDGES OF THE EROSION MAT SHALL IMPRESSED IN THE SOIL.

EROSION MAT OVER SEEDING JUNCTION OR ANCHOR SLOTS SHALL BE AT MINIMUM INTERVALS OF 50 FEET.

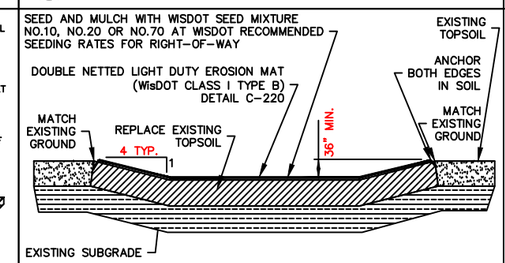


1. A MINIMUM OF TWO (2) ANCHORS OR STAPLES SHALL BE USED PER SQUARE YARD FOR CLASS I TYPE A MATS.

2. A MINIMUM OF FOUR (4) ANCHORS OR STAPLES SHALL BE USED PER SQUARE YARD FOR CLASS I TYPE B MATS (CHANNELIZED)

EROSION CONTROL MAT

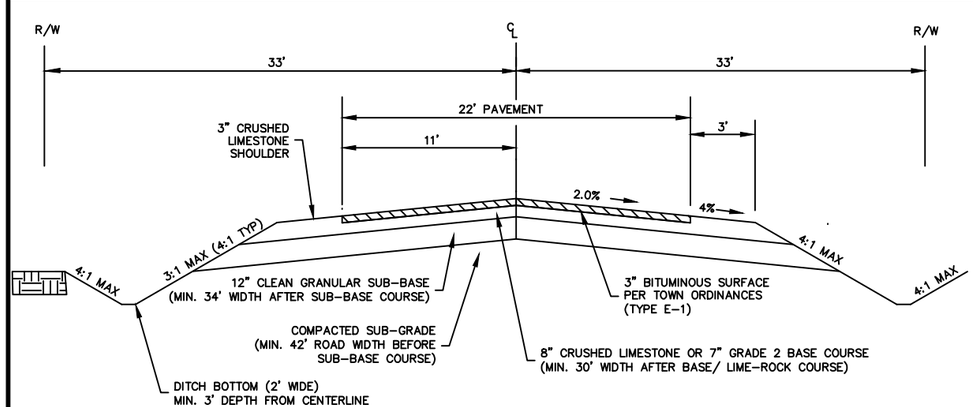
C 220 NOT TO SCALE



NOTES:
1. UPSTREAM END OF EROSION MAT SHALL BE BURIED/ANCHORED IN SOIL
2. THE AREA SHALL BE GRADED SMOOTH BEFORE PLACING EROSION MAT.
3. 24" OVERLAP REQUIRED ON FABRIC
4. MIN. 4 STAPLES/ANCHORS PER SQUARE YARD
5. EROSION MAT TO BE WISDOT CLASS I TYPE B OR APPROVED EQUAL

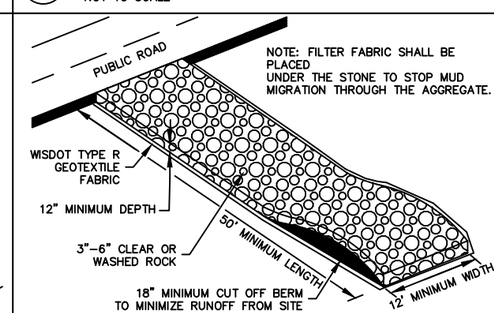
GRASS SWALE WITH EROSION CONTROL MAT

C 224 NOT TO SCALE



TYPICAL SECTION FOR RURAL STREET

C 510 NOT TO SCALE STREET NAME: PROPOSED ROAD STATION 0+60 TO STATION 8+25



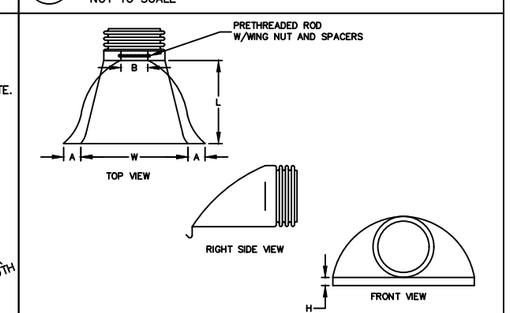
NOTES:
1. IF A 50–FT PAD LENGTH IS NOT POSSIBLE DUE TO SITE GEOMETRY, INSTALL THE MAXIMUM LENGTH PRACTICABLE AND SUPPLEMENT WITH ADDITIONAL PRACTICES AS NEEDED.

2. SLOPE THE TRACKING PAD IN A MANNER TO DIRECT RUNOFF TO AN APPROVED TREATMENT PRACTICE.

3. INSTALL TRACKING PAD ACROSS FULL WIDTH OF THE ACCESS POINT, OR RESTRICT TRAFFIC TO A DEDICATED EGRESS LANE AT LEAST 12–FEET WIDE ACROSS THE TOP OF THE PAD.

STONE TRACKING PAD AND TIRE WASHING DETAIL

C 400 NOT TO SCALE



PIPE SIZE	A	B(MAX)	H	L	W (±2")
8"	SEE SUPPLIER TECHNICAL SHEETS				
10"	SEE SUPPLIER TECHNICAL SHEETS				
12"	6"	6"	6"	21"	24"
15"	7"	8"	6"	26"	30"
18"	8"	10"	6"	31"	36"
24"	10"	13"	6"	41"	48"
30"	12"	16"	8"	51"	60"
36"	14"	19"	9"	60"	72"

APRON ENDWALL FOR CMP & HDPE

SS 470 NOT TO SCALE

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