

INDEX OF DRAWINGS							
SHEET NUMBER	TITLE	SHEET NUMBER	TITLE	SHEET NUMBER	TITLE	SHEET NUMBER	TITLE
T100	TITLE SHEET	C300	SITE LAYOUT PLAN - GENERAL NOTES	C406	GRADING AND EROSION CONTROL PLAN	C702	SITE PHASING PLAN - PHASE 2
T101	SHEET INDEX	C301	SITE LAYOUT PLAN	C407	GRADING AND EROSION CONTROL PLAN	C703	SITE PHASING PLAN - PHASE 3 SOUTH SITE
C100	SHEET LAYOUT OVERVIEW	C302	SITE LAYOUT PLAN	C408	GRADING AND EROSION CONTROL PLAN	C704	SITE PHASING PLAN - PHASE 3 NORTH SITE
C101	EXISTING SITE PLAN	C303	SITE LAYOUT PLAN	C409	GRADING AND EROSION CONTROL PLAN	C800	CROSS SECTIONS
C102	EXISTING SITE PLAN	C304	SITE LAYOUT PLAN	C410	GRADING AND EROSION CONTROL PLAN	C801	CROSS SECTIONS
C103	EXISTING SITE PLAN	C305	SITE LAYOUT PLAN	C411	GRADING AND EROSION CONTROL PLAN	C802	CROSS SECTIONS
C104	EXISTING SITE PLAN	C306	SITE LAYOUT PLAN	C412	GRADING AND EROSION CONTROL PLAN	C803	CROSS SECTIONS
C105	EXISTING SITE PLAN	C307	SITE LAYOUT PLAN	C413	GRADING AND EROSION CONTROL PLAN	C804	CROSS SECTIONS
C106	EXISTING SITE PLAN	C308	SITE LAYOUT PLAN	C414	GRADING AND EROSION CONTROL PLAN	C805	CROSS SECTIONS
C107	EXISTING SITE PLAN	C309	SITE LAYOUT PLAN	C450	PLAN AND PROFILE - ALIGNMENT 'C'	C806	CROSS SECTIONS
C108	EXISTING SITE PLAN	C310	SITE LAYOUT PLAN	C451	PLAN AND PROFILE - ALIGNMENT 'C'	C807	CROSS SECTIONS
C109	EXISTING SITE PLAN	C350	SITE SIGNAGE AND PAVEMENT MARKING PLAN - GENERAL NOTES	C452	PLAN AND PROFILE - ALIGNMENT 'C'	C808	CROSS SECTIONS
C110	EXISTING SITE PLAN	C351	SITE SIGNAGE AND PAVEMENT MARKING PLAN	C453	PLAN AND PROFILE - ALIGNMENT 'C'	E000	SYMBOLS AND ABBREVIATIONS - ELECTRICAL
C150	ALIGNMENT DIAGRAM - SOUTH RECREATION PARKING 'A' AND 'B'	C352	SITE SIGNAGE AND PAVEMENT MARKING PLAN	C454	PLAN AND PROFILE - ALIGNMENT 'C'	E101	VAULT TOILET #3504 - ELECTRICAL DEMOLITION
C151	ALIGNMENT DIAGRAM - 20TH, 33RD, AND 22ND	C353	SITE SIGNAGE AND PAVEMENT MARKING PLAN	C500	CIVIL DETAILS	E102	VAULT TOILET #3505 - ELECTRICAL DEMOLITION
C152	ALIGNMENT DIAGRAM - NE CAMP LOOP 'D'	C354	SITE SIGNAGE AND PAVEMENT MARKING PLAN	C501	CIVIL DETAILS	E103	VAULT TOILET #3503 - ELECTRICAL DEMOLITION
C153	ALIGNMENT DIAGRAM - NE CAMP LOOP 'D'	C355	SITE SIGNAGE AND PAVEMENT MARKING PLAN	C502	CIVIL DETAILS	E104	VAULT TOILET #6345 - ELECTRICAL DEMOLITION
C200	SITE DEMOLITION PLAN - GENERAL NOTES	C356	SITE SIGNAGE AND PAVEMENT MARKING PLAN	C503	CIVIL DETAILS	E201	VAULT TOILET #P3504 - ELECTRICAL NEW WORK
C201	SITE DEMOLITION PLAN	C357	SITE SIGNAGE AND PAVEMENT MARKING PLAN	C504	CIVIL DETAILS	E202	VAULT TOILET #P3505 - ELECTRICAL NEW WORK
C202	SITE DEMOLITION PLAN	C358	SITE SIGNAGE AND PAVEMENT MARKING PLAN	C505	CIVIL DETAILS	E203	VAULT TOILET #P3503 - ELECTRICAL NEW WORK
C203	SITE DEMOLITION PLAN	C359	SITE SIGNAGE AND PAVEMENT MARKING PLAN	C506	CIVIL DETAILS	E204	VAULT TOILET #P6345A & #P6345B - ELECTRICAL NEW WORK
C204	SITE DEMOLITION PLAN	C360	SITE SIGNAGE AND PAVEMENT MARKING PLAN	C507	CIVIL DETAILS	E601	ONE-LINE DIAGRAM - DEMOLITION
C205	SITE DEMOLITION PLAN	C400	GRADING AND EROSION CONTROL PLAN - GENERAL NOTES	C508	CIVIL DETAILS	E602	ONE-LINE DIAGRAM - NEW WORK
C206	SITE DEMOLITION PLAN	C401	GRADING AND EROSION CONTROL PLAN	C509	CIVIL DETAILS	E801	ELECTRICAL PANEL SCHEDULES
C207	SITE DEMOLITION PLAN	C402	GRADING AND EROSION CONTROL PLAN	C510	CIVIL DETAILS	E802	ELECTRICAL PANEL SCHEDULES
C208	SITE DEMOLITION PLAN	C403	GRADING AND EROSION CONTROL PLAN	C511	CIVIL DETAILS	E901	ELECTRICAL DETAIL
C209	SITE DEMOLITION PLAN	C404	GRADING AND EROSION CONTROL PLAN	C700	SITE PHASING PLAN - LAYOUT OVERVIEW	E902	ELECTRICAL DETAIL
C210	SITE DEMOLITION PLAN	C405	GRADING AND EROSION CONTROL PLAN	C701	SITE PHASING PLAN - PHASE 1	E903	ELECTRICAL DETAIL



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PROJECT NUMBER: 25.0133

State of Wisconsin
Department of Administration
Division of Facilities Development



ROADWAY AND PARKING LOT PAVING
BUCKHORN STATE PARK
DEPARTMENT OF NATURAL RESOURCES
TOWN OF GERMANTOWN, WISCONSIN

Sheet Title:
SHEET INDEX

Revisions:

No.	Date:	Description:

Graphic Scale

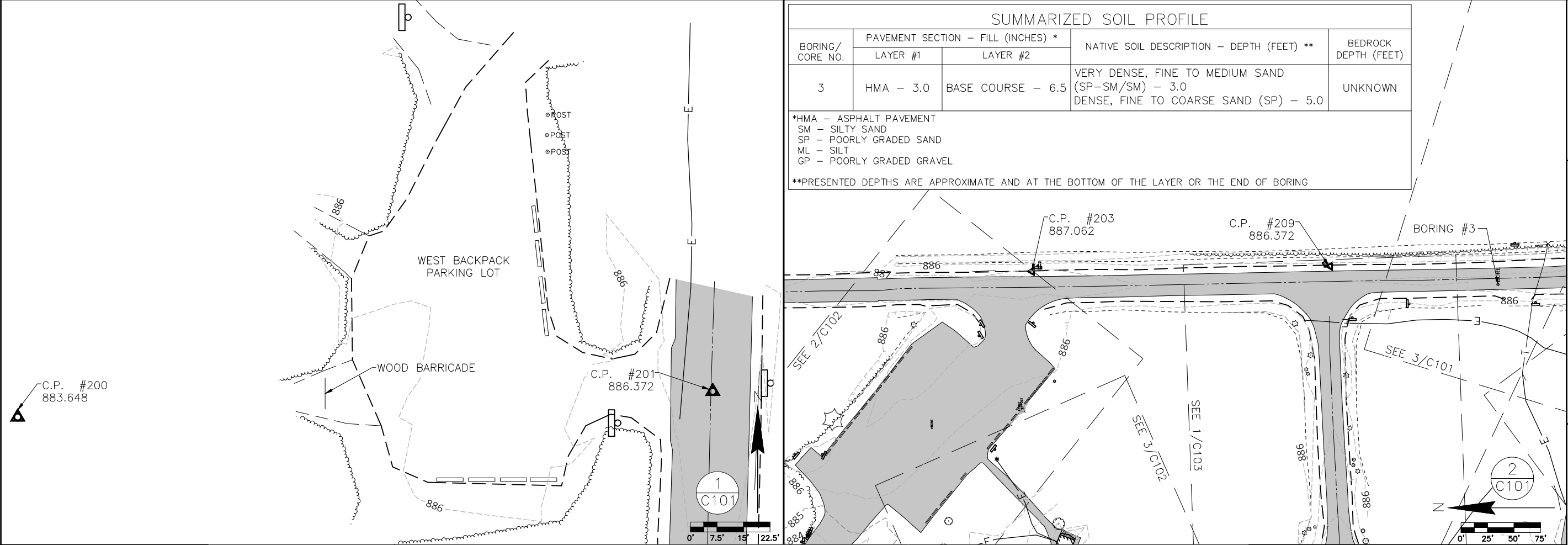
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DFD Number24G1G

Set TypeBD

Date Issued11/14/2025

Sheet NumberT101

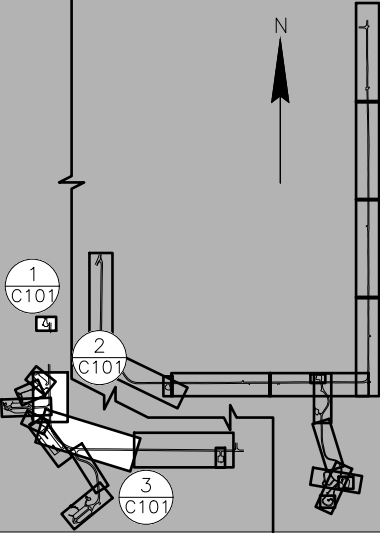


SUMMARIZED SOIL PROFILE			
BORING/ CORE NO.	PAVEMENT SECTION - FILL (INCHES) *		BEDROCK DEPTH (FEET)
	LAYER #1	LAYER #2	
3	HMA - 3.0	BASE COURSE - 6.5	VERY DENSE, FINE TO MEDIUM SAND (SP-SM/SM) - 3.0 DENSE, FINE TO COARSE SAND (SP) - 5.0
*HMA - ASPHALT PAVEMENT SM - SILTY SAND SP - POORLY GRADED SAND ML - SILT GP - POORLY GRADED GRAVEL			
**PRESENTED DEPTHS ARE APPROXIMATE AND AT THE BOTTOM OF THE LAYER OR THE END OF BORING			

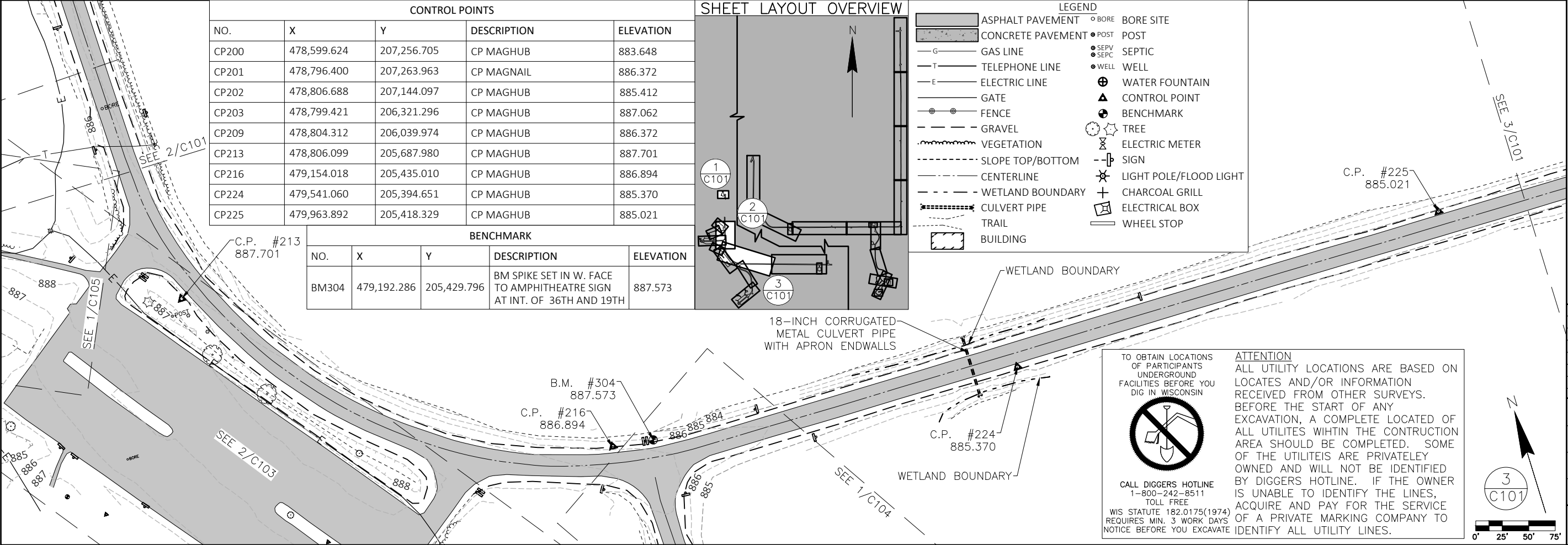
CONTROL POINTS				
NO.	X	Y	DESCRIPTION	ELEVATION
CP200	478,599.624	207,256.705	CP MAGHUB	883.648
CP201	478,796.400	207,263.963	CP MAGNAIL	886.372
CP202	478,806.688	207,144.097	CP MAGHUB	885.412
CP203	478,799.421	206,321.296	CP MAGHUB	887.062
CP209	478,804.312	206,039.974	CP MAGHUB	886.372
CP213	478,806.099	205,687.980	CP MAGHUB	887.701
CP216	479,154.018	205,435.010	CP MAGHUB	886.894
CP224	479,541.060	205,394.651	CP MAGHUB	885.370
CP225	479,963.892	205,418.329	CP MAGHUB	885.021

BENCHMARK				
NO.	X	Y	DESCRIPTION	ELEVATION
BM304	479,192.286	205,429.796	BM SPIKE SET IN W. FACE TO AMPHITHEATRE SIGN AT INT. OF 36TH AND 19TH	887.573

SHEET LAYOUT OVERVIEW



LEGEND	
	ASPHALT PAVEMENT
	CONCRETE PAVEMENT
	GAS LINE
	TELEPHONE LINE
	ELECTRIC LINE
	GATE
	FENCE
	GRAVEL
	VEGETATION
	SLOPE TOP/BOTTOM
	CENTERLINE
	WETLAND BOUNDARY
	CULVERT PIPE
	TRAIL
	BUILDING
	BORE SITE
	POST
	SEPTIC
	WELL
	WATER FOUNTAIN
	CONTROL POINT
	BENCHMARK
	ELECTRIC METER
	SIGN
	LIGHT POLE/FLOOD LIGHT
	CHARCOAL GRILL
	ELECTRICAL BOX
	WHEEL STOP



TO OBTAIN LOCATIONS OF PARTICIPANTS UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN

CALL DIGGERS HOTLINE
1-800-242-8511
TOLL FREE
WIS STATUTE 182.0175(1974)
REQUIRES MIN. 3 WORK DAYS
NOTICE BEFORE YOU EXCAVATE

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4654 S. BALTIMORE LN.
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State of Wisconsin
Department of Administration
Division of Facilities Development

ROADWAY AND PARKING LOT PAVING
BUCKHORN STATE PARK
DEPARTMENT OF NATURAL RESOURCES
TOWN OF GERMANTOWN, WISCONSIN

Sheet Title:
EXISTING SITE PLAN

Revisions:

No.	Date:	Description:

Graphic Scale	
DFD Number	24C1G
Set Type	BD
Date Issued	11/14/2025
Sheet Number	C101

NO.	X	Y	DESCRIPTION	ELEVATION
CP217	479,177.815	205,286.423	CP MAGHUB	885.872
CP218	479,441.010	205,154.550	CP MAGHUB	886.721
CP219	479,503.405	205,022.161	CP MAGHUB	887.135
CP220	479,526.240	204,642.997	CP MAGHUB	886.621
CP221	479,334.554	204,596.410	CP MAGHUB	885.927
CP222	479,312.839	204,473.132	CP MAGHUB	886.073
CP223	479,207.157	204,493.608	CP MAGHUB	884.432

BENCHMARK				
NO.	X	Y	DESCRIPTION	ELEVATION
BM304	479,192.286	205,429.796	BM SPIKE SET IN W. FACE TO AMPHITHEATER SIGN AT INT. OF 36TH AND 19TH.	887.573
BM305	479,124.874	204,547.893	BM CHIS SQ CENTER OF S. END CONC SLAB FOR PICNIC SHELTER	885.983
BM306	479,360.304	204,647.687	BM CHIS SQ SW COR CONC SLAB FOR SHOWERS 4FT SW OF WATER FOUNTAIN	890.237

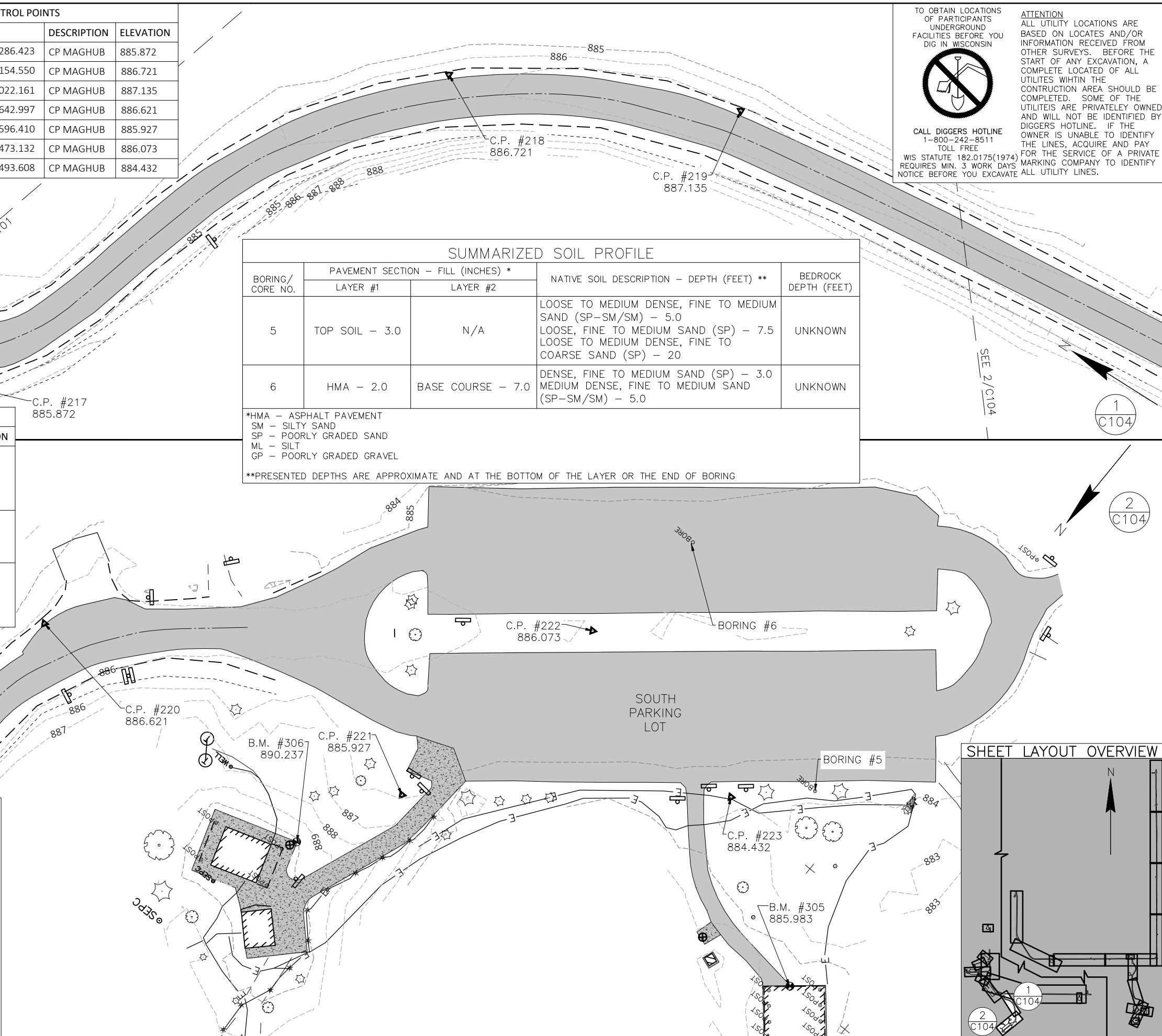
SUMMARIZED SOIL PROFILE				
BORING/ CORE NO.	PAVEMENT SECTION – FILL (INCHES) *		NATIVE SOIL DESCRIPTION – DEPTH (FEET) **	BEDROCK DEPTH (FEET)
	LAYER #1	LAYER #2		
5	TOP SOIL – 3.0	N/A	LOOSE TO MEDIUM DENSE, FINE TO MEDIUM SAND (SP–SM/SM) – 5.0 LOOSE, FINE TO MEDIUM SAND (SP) – 7.5 LOOSE TO MEDIUM DENSE, FINE TO COARSE SAND (SP) – 20	UNKNOWN
6	HMA – 2.0	BASE COURSE – 7.0	DENSE, FINE TO MEDIUM SAND (SP) – 3.0 MEDIUM DENSE, FINE TO MEDIUM SAND (SP–SM/SM) – 5.0	UNKNOWN

*HMA – ASPHALT PAVEMENT
SM – SILTY SAND
SP – POORLY GRADED SAND
ML – SILT
GP – POORLY GRADED GRAVEL

**PRESENTED DEPTHS ARE APPROXIMATE AND AT THE BOTTOM OF THE LAYER OR THE END OF BORING

LEGEND

	ASPHALT PAVEMENT		BORE SITE
	CONCRETE PAVEMENT		POST
	GAS LINE		SEPV SEPC
	TELEPHONE LINE		WELL
	ELECTRIC LINE		WATER FOUNTAIN
	GATE		CONTROL POINT
	FENCE		BENCHMARK
	GRAVEL		TREE
	VEGETATION		ELECTRIC METER
	SLOPE TOP/BOTTOM		SIGN
	CENTERLINE		LIGHT POLE/FLOOD LIGHT
	WETLAND BOUNDARY		CHARCOAL GRILL
	CULVERT PIPE		ELECTRICAL BOX
	TRAIL		WHEEL STOP
	BUILDING		



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WIS STATUTE 182.0175(1974) FOR THE SERVICE OF A PRIVATE
REQUIRES MIN. 3 WORK DAYS MARKING COMPANY TO IDENTIFY
NOTICE BEFORE YOU EXCAVATE ALL UTILITY LINES.

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Kapur

4854 S. BILTMORE LN.
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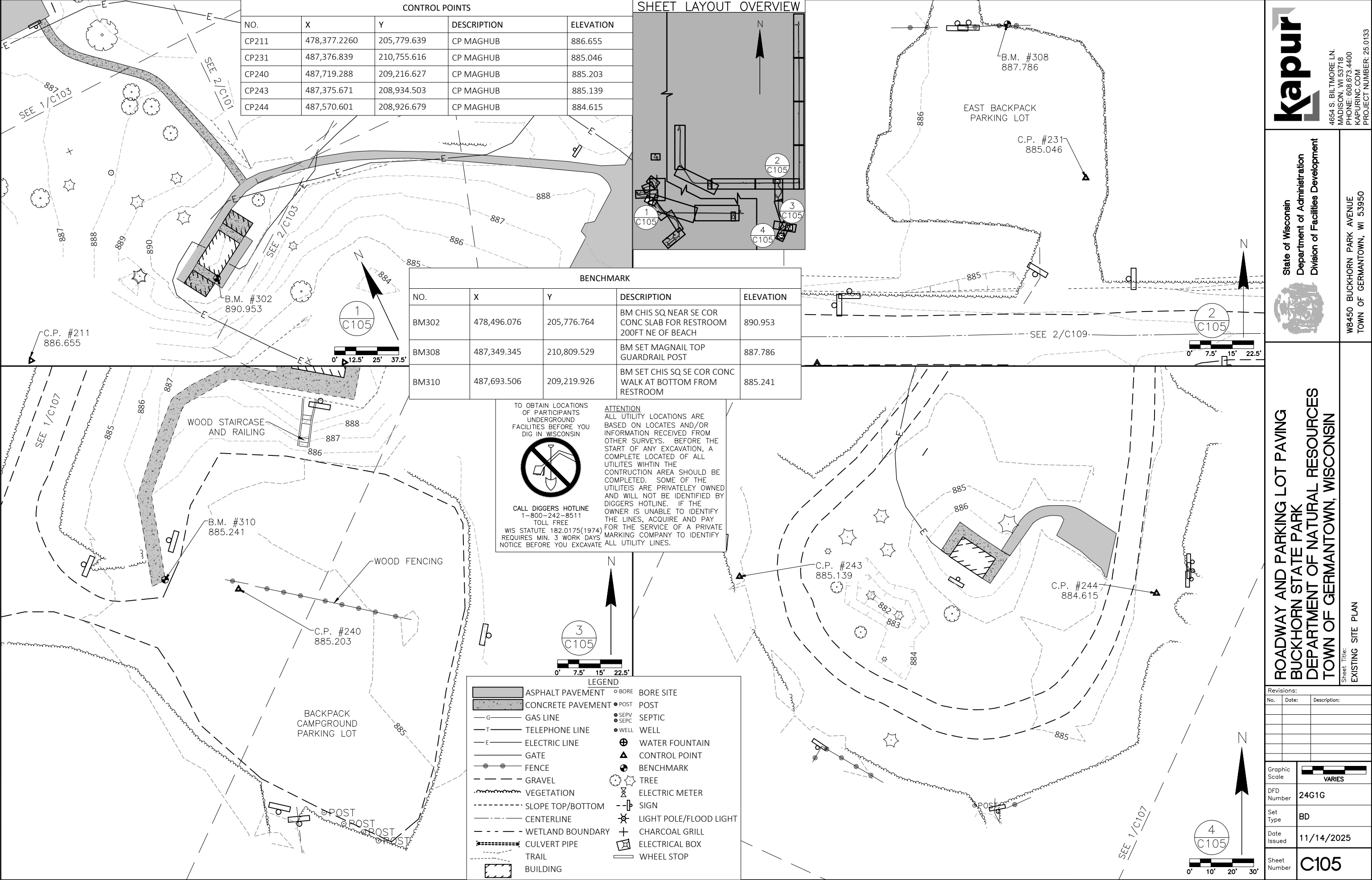

State of Wisconsin
Department of Administration
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WB450 BUCKHORN PARK AVENUE
TOWN OF GERMAINTOWN, WI 53950

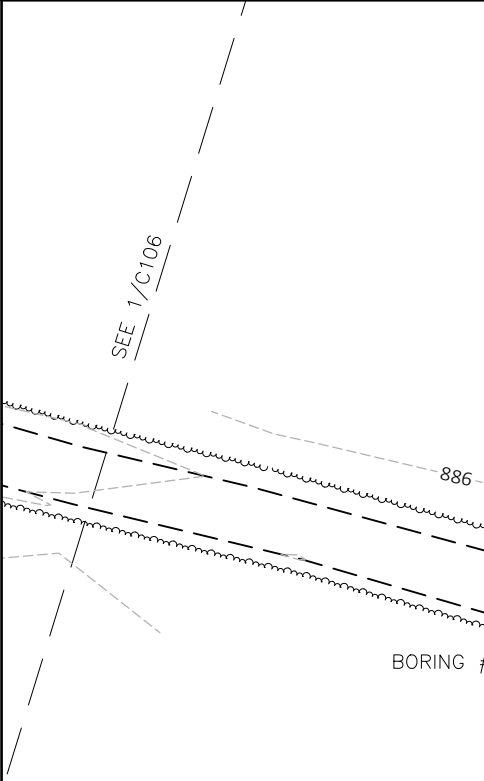
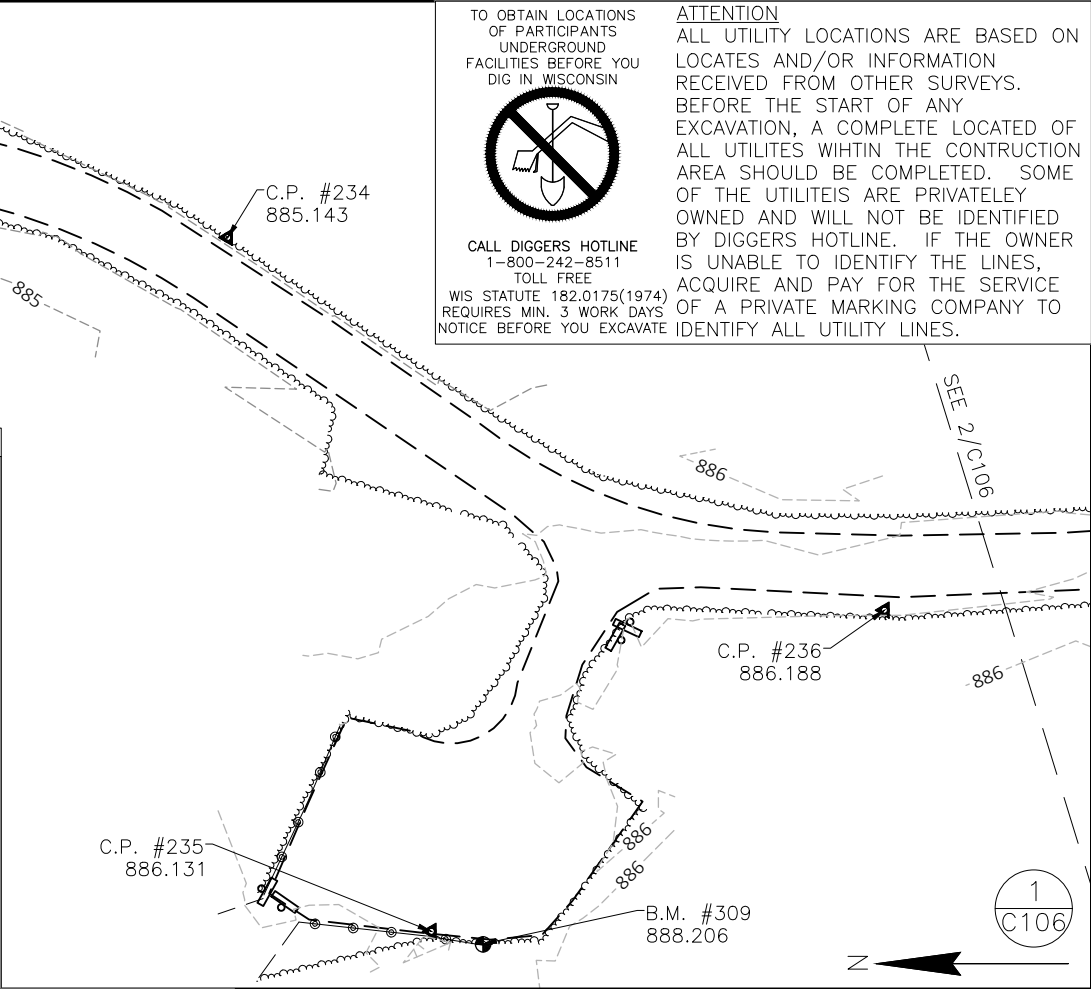
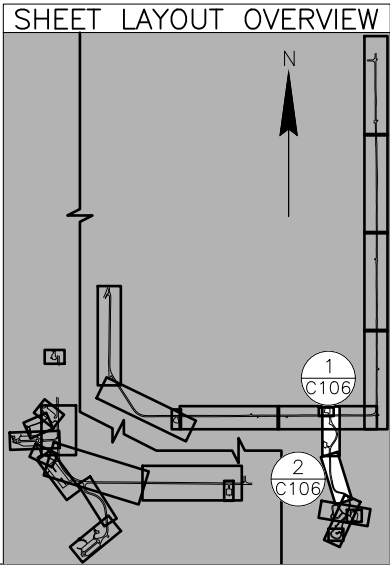
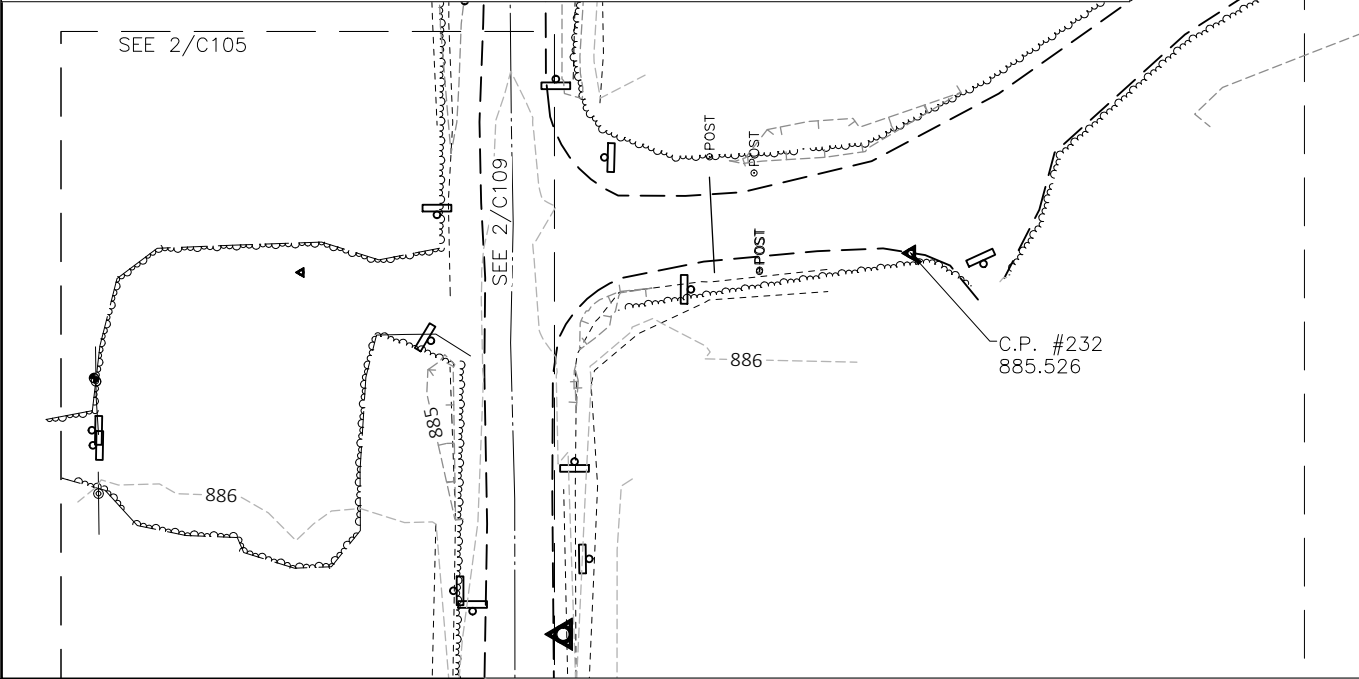
ROADWAY AND PARKING LOT PAVING
BUCKHORN STATE PARK
DEPARTMENT OF NATURAL RESOURCES
TOWN OF GERMANTOWN, WISCONSIN

Sheet Title:
EXISTING SITE PLAN

Revisions:		
No.	Date:	Description:
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Date Issued	11/14/2025	
Sheet Number	C104	

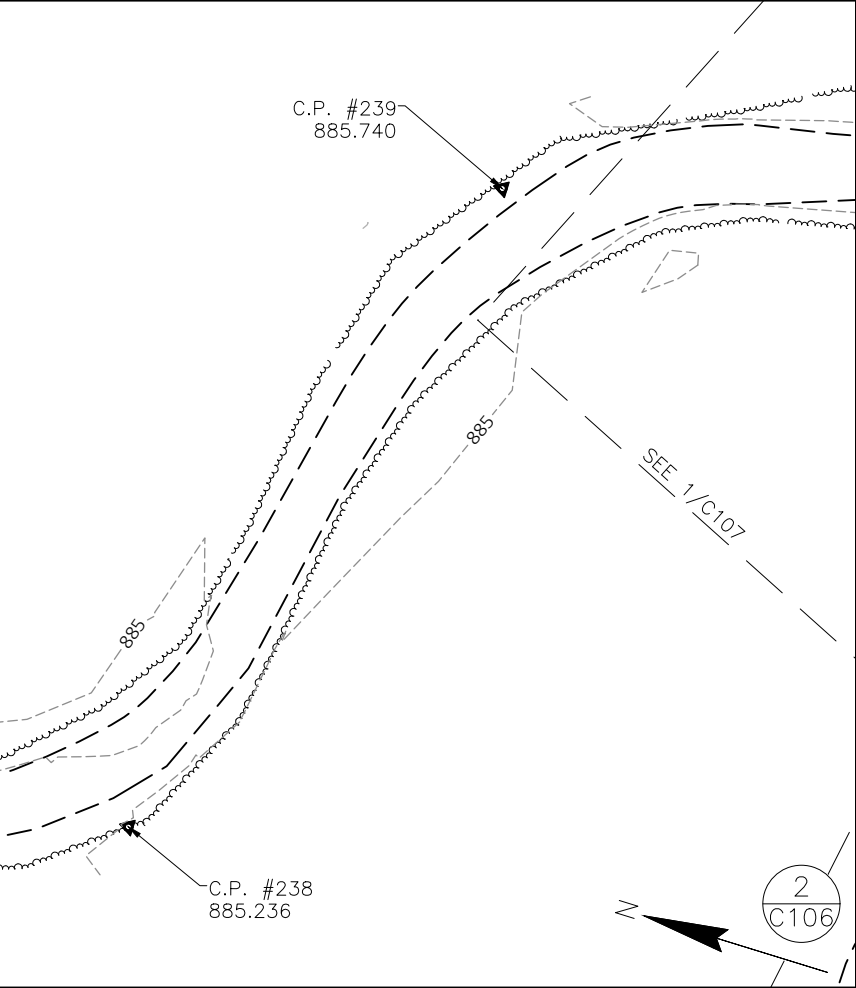


SUMMARIZED SOIL PROFILE				
BORING/ CORE NO.	PAVEMENT SECTION – FILL (INCHES) *		NATIVE SOIL DESCRIPTION – DEPTH (FEET) **	BEDROCK DEPTH (FEET)
	LAYER #1	LAYER #2		
11	"GRAVEL" IN FILL – 6.0	N/A	MEDIUM DENSE TO VERY DENSE, FINE TO MEDIUM SAND (SP) – 5.0	UNKNOWN
*HMA – ASPHALT PAVEMENT SM – SILTY SAND SP – POORLY GRADED SAND ML – SILT GP – POORLY GRADED GRAVEL				
**PRESENTED DEPTHS ARE APPROXIMATE AND AT THE BOTTOM OF THE LAYER OR THE END OF BORING				



CONTROL POINTS				
NO.	X	Y	DESCRIPTION	ELEVATION
CP232	487,381.858	210,596.819	CP MAGHUB	885.526
CP233	487,491.445	210,469.643	CP MAGHUB	885.759
CP234	487,466.666	210,319.782	CP MAGHUB	885.143
CP235	487,285.983	210,266.733	CP MAGHUB	886.131
CP236	487,369.621	210,148.761	CP MAGHUB	886.188
CP237	487,401.935	209,816.422	CP MAGHUB	885.820
CP238	487,451.027	209,567.459	CP MAGHUB	885.236
CP239	487,638.545	209,523.396	CP MAGHUB	885.740

LEGEND	
	ASPHALT PAVEMENT
	CONCRETE PAVEMENT
	GAS LINE
	TELEPHONE LINE
	ELECTRIC LINE
	GATE
	FENCE
	GRAVEL
	VEGETATION
	SLOPE TOP/BOTTOM
	CENTERLINE
	WETLAND BOUNDARY
	CULVERT PIPE
	TRAIL
	BUILDING
	BORE SITE
	POST
	SEPTIC
	WELL
	WATER FOUNTAIN
	CONTROL POINT
	BENCHMARK
	TREE
	ELECTRIC METER
	SIGN
	LIGHT POLE/FLOOD LIGHT
	CHARCOAL GRILL
	ELECTRICAL BOX
	WHEEL STOP



BENCHMARK				
NO.	X	Y	DESCRIPTION	ELEVATION
BM309	487,282.590	210,253.279	BM SET MAGNAIL SOUTHERNMOST POST WOOD GUARD RAIL 1ST PARKING AREA SOUTH OF 33RD ST	888.206

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MADISON, WI 53718
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KAPURINC.COM
PROJECT NUMBER: 25.0133

State of Wisconsin
Department of Administration
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ROADWAY AND PARKING LOT PAVING
BUCKHORN STATE PARK
DEPARTMENT OF NATURAL RESOURCES
TOWN OF GERMANTOWN, WISCONSIN

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Graphic Scale

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DFD Number

24C1G

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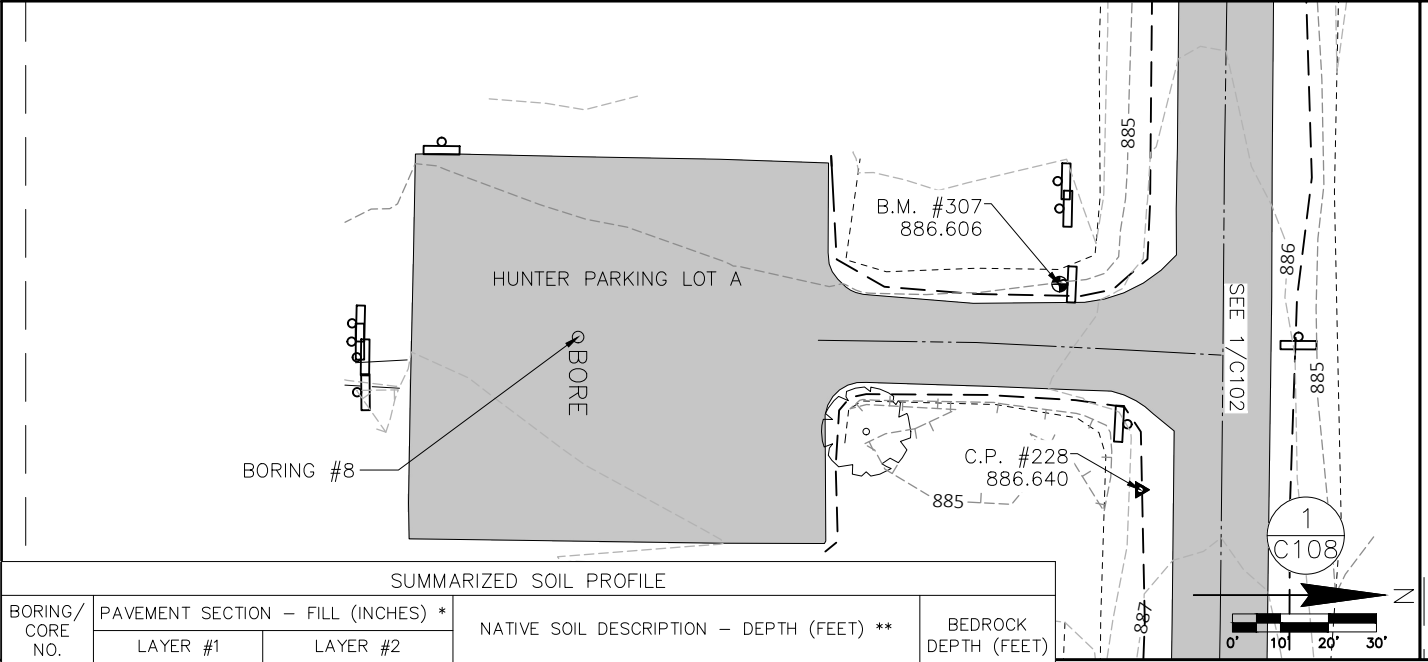
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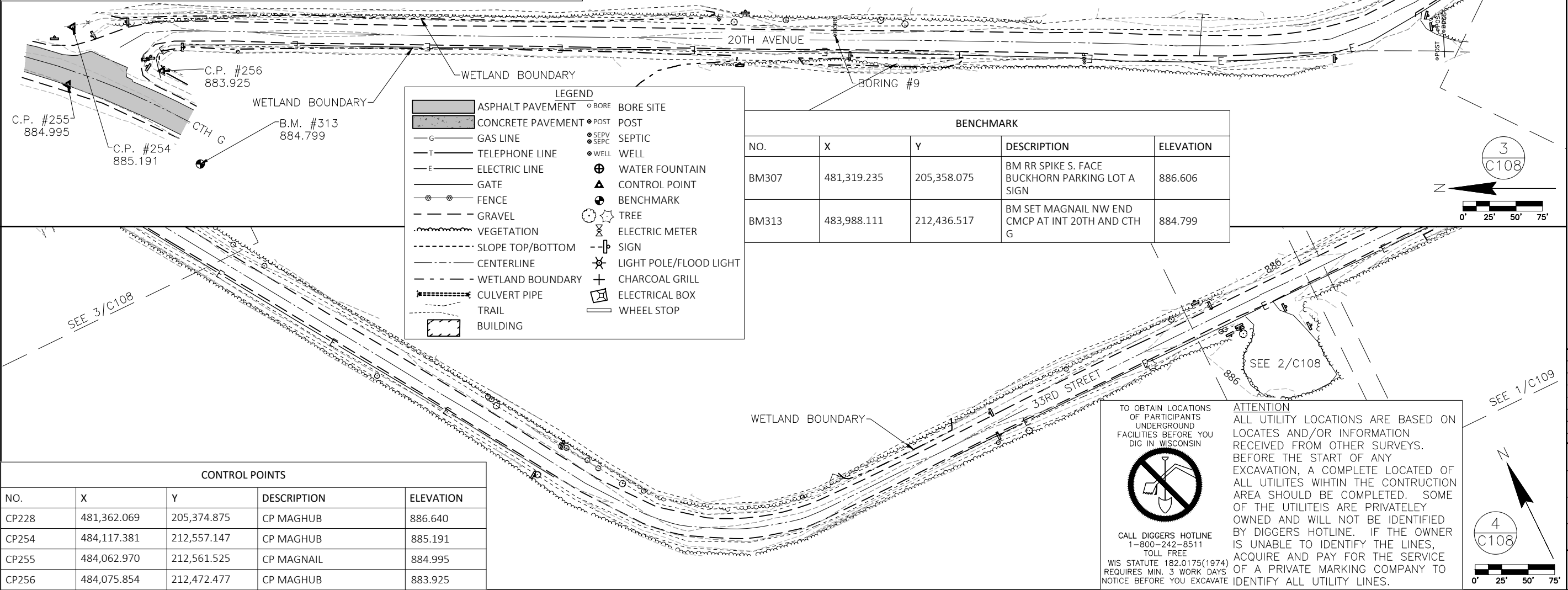
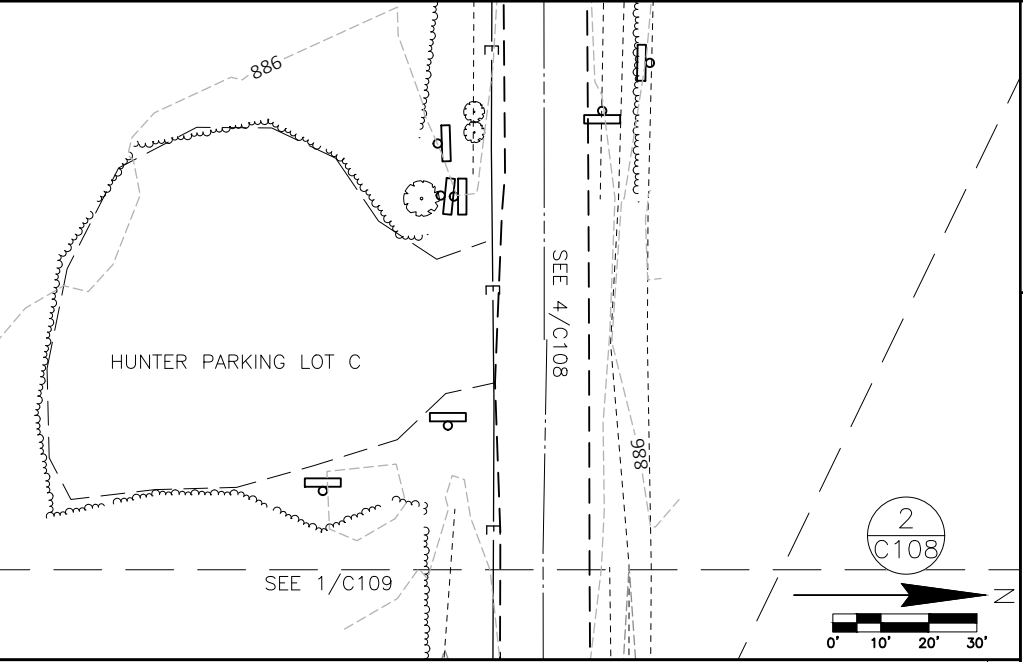
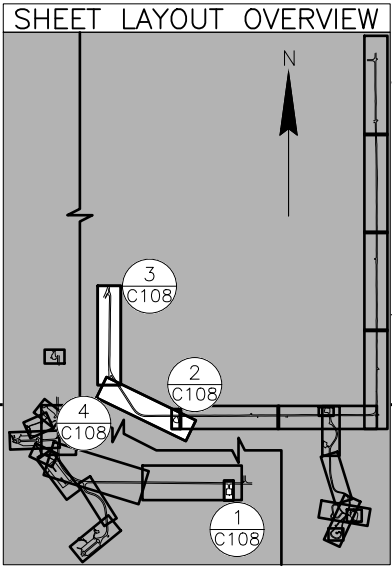
Sheet Number

C106



SUMMARIZED SOIL PROFILE				
BORING/ CORE NO.	PAVEMENT SECTION – FILL (INCHES) *		NATIVE SOIL DESCRIPTION – DEPTH (FEET) **	BEDROCK DEPTH (FEET)
	LAYER #1	LAYER #2		
8	HMA – 4.0	BASE COURSE – 6.5	MEDIUM DENSE TO DENSE, FINE TO MEDIUM SAND (SP) – 3.0 LOOSE, FINE TO COARSE SAND (SP) – 5.0	UNKNOWN
9	"GRAVEL" IN FILL – 6.0	N/A	MEDIUM DENSE TO DENSE, FINE TO MEDIUM SAND (SP–SM/SP) – 5.0	UNKNOWN

*HMA – ASPHALT PAVEMENT
SM – SILTY SAND
SP – POORLY GRADED SAND
ML – SILT
GP – POORLY GRADED GRAVEL



CONTROL POINTS				
NO.	X	Y	DESCRIPTION	ELEVATION
CP228	481,362.069	205,374.875	CP MAGHUB	886.640
CP254	484,117.381	212,557.147	CP MAGHUB	885.191
CP255	484,062.970	212,561.525	CP MAGNAIL	884.995
CP256	484,075.854	212,472.477	CP MAGHUB	883.925

BENCHMARK				
NO.	X	Y	DESCRIPTION	ELEVATION
BM307	481,319.235	205,358.075	BM RR SPIKE S. FACE BUCKHORN PARKING LOT A SIGN	886.606
BM313	483,988.111	212,436.517	BM SET MAGNAIL NW END CMCP AT INT 20TH AND CTH G	884.799

LEGEND	
ASPHALT PAVEMENT	BORE SITE
CONCRETE PAVEMENT	POST
G	GAS LINE
T	TELEPHONE LINE
E	ELECTRIC LINE
GATE	
FENCE	
GRAVEL	
VEGETATION	
SLOPE TOP/BOTTOM	
CENTERLINE	
WETLAND BOUNDARY	
CULVERT PIPE	
TRAIL	
BUILDING	
BORE	
POST	
SEPTIC	
WELL	
WATER FOUNTAIN	
CONTROL POINT	
BENCHMARK	
TREE	
ELECTRIC METER	
SIGN	
LIGHT POLE/FLOOD LIGHT	
CHARCOAL GRILL	
ELECTRICAL BOX	
WHEEL STOP	

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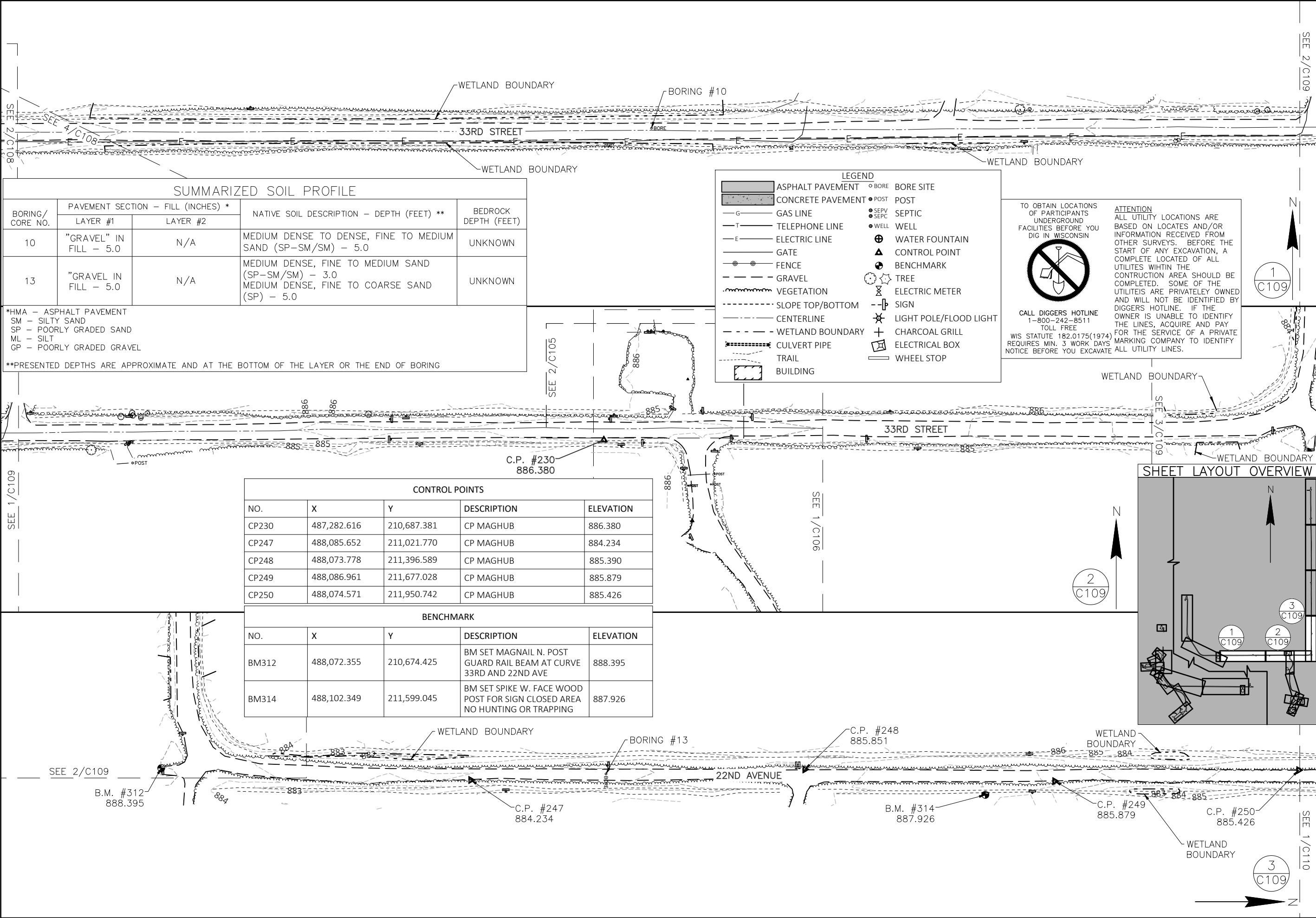
VARIES

24C1G

BD

11/14/2025

C108



SUMMARIZED SOIL PROFILE			
BORING/ CORE NO.	PAVEMENT SECTION – FILL (INCHES) *		BEDROCK DEPTH (FEET)
	LAYER #1	LAYER #2	
10	"GRAVEL" IN FILL – 5.0	N/A	MEDIUM DENSE TO DENSE, FINE TO MEDIUM SAND (SP–SM/SM) – 5.0
13	"GRAVEL IN FILL – 5.0	N/A	MEDIUM DENSE, FINE TO MEDIUM SAND (SP–SM/SM) – 3.0 MEDIUM DENSE, FINE TO COARSE SAND (SP) – 5.0

*HMA – ASPHALT PAVEMENT
SM – SILTY SAND
SP – POORLY GRADED SAND
ML – SILT
GP – POORLY GRADED GRAVEL

**PRESENTED DEPTHS ARE APPROXIMATE AND AT THE BOTTOM OF THE LAYER OR THE END OF BORING

LEGEND

ASPHALT PAVEMENT

CONCRETE PAVEMENT

GAS LINE

TELEPHONE LINE

ELECTRIC LINE

GATE

FENCE

GRAVEL

VEGETATION

SLOPE TOP/BOTTOM

CENTERLINE

WETLAND BOUNDARY

CULVERT PIPE

TRAIL

BUILDING

BORE SITE

POST

SEPTIC

WELL

WATER FOUNTAIN

CONTROL POINT

BENCHMARK

ELECTRIC METER

SIGN

LIGHT POLE/FLOOD LIGHT

CHARCOAL GRILL

ELECTRICAL BOX

WHEEL STOP

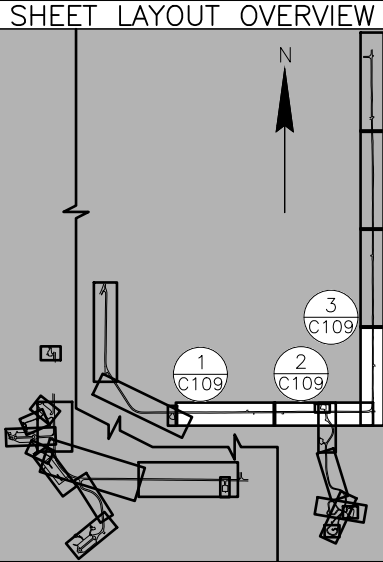
TO OBTAIN LOCATIONS
OF PARTICIPANTS
UNDERGROUND
FACILITIES BEFORE YOU
DIG IN WISCONSIN

CALL DIGGERS HOTLINE
1-800-242-8511
TOLL FREE
WIS STATUTE 182.0175(1974)
REQUIRES MIN. 3 WORK DAYS
NOTICE BEFORE YOU EXCAVATE

ATTENTION
ALL UTILITY LOCATIONS ARE
BASED ON LOCATES AND/OR
INFORMATION RECEIVED FROM
OTHER SURVEYS. BEFORE THE
START OF ANY EXCAVATION, A
COMPLETE LOCATED OF ALL
UTILITES WIHTIN THE
CONTRUCTION AREA SHOULD BE
COMPLETED. SOME OF THE
UTILITEIS ARE PRIVATELEY OWNED
AND WILL NOT BE IDENTIFIED BY
DIGGER'S HOTLINE. IF THE
OWNER IS UNABLE TO IDENTIFY
THE LINES, ACQUIRE AND PAY
FOR THE SERVICE OF A PRIVATE
MARKING COMPANY TO IDENTIFY
ALL UTILITY LINES.

CONTROL POINTS				
NO.	X	Y	DESCRIPTION	ELEVATION
CP230	487,282.616	210,687.381	CP MAGHUB	886.380
CP247	488,085.652	211,021.770	CP MAGHUB	884.234
CP248	488,073.778	211,396.589	CP MAGHUB	885.390
CP249	488,086.961	211,677.028	CP MAGHUB	885.879
CP250	488,074.571	211,950.742	CP MAGHUB	885.426

BENCHMARK				
NO.	X	Y	DESCRIPTION	ELEVATION
BM312	488,072.355	210,674.425	BM SET MAGNAIL N. POST GUARD RAIL BEAM AT CURVE 33RD AND 22ND AVE	888.395
BM314	488,102.349	211,599.045	BM SET SPIKE W. FACE WOOD POST FOR SIGN CLOSED AREA NO HUNTING OR TRAPPING	887.926



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State of Wisconsin
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W8450 BUCKHORN PARK AVENUE
TOWN OF GERMANTOWN, WI 53950

ROADWAY AND PARKING LOT PAVING
BUCKHORN STATE PARK
DEPARTMENT OF NATURAL RESOURCES
TOWN OF GERMANTOWN, WISCONSIN

Sheet Title:
EXISTING SITE PLAN

Revisions:

No.	Date:	Description:

Graphic
Scale

0' 25' 50' 75'

DFD
Number

24C1G

Set
Type

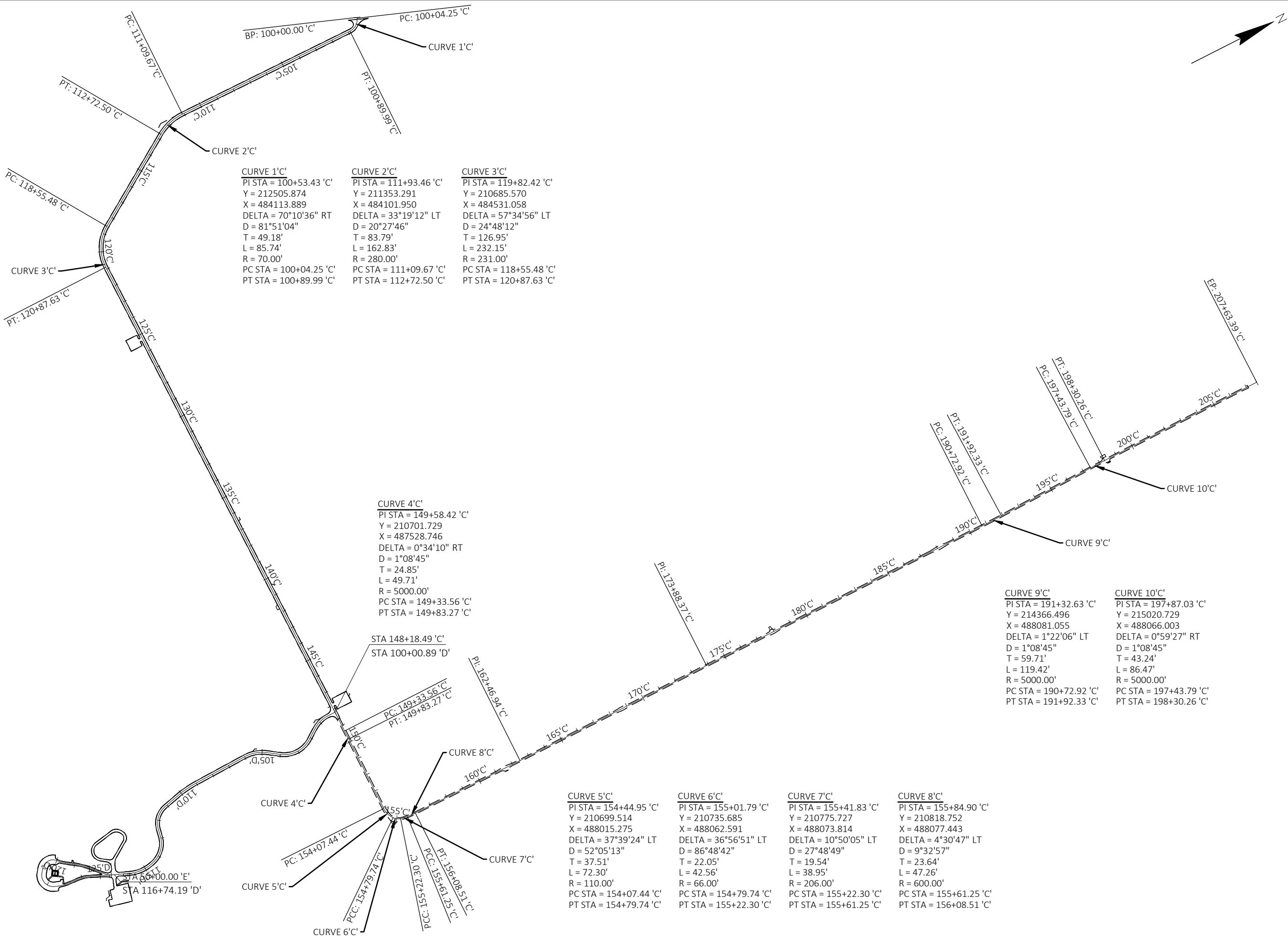
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Date
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11/14/2025

Sheet
Number

C109



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ROADWAY AND PARKING LOT PAVING
BUCKHORN STATE PARK
DEPARTMENT OF NATURAL RESOURCES
TOWN OF GERMANTOWN, WISCONSIN

Sheet Title:
ALIGNMENT DIAGRAM - 20TH, 33RD, AND 22ND

Revisions:		
No.	Date:	Description:

Graphic Scale	
DFD Number	24C1G
Set Type	BD
Date Issued	11/14/2025
Sheet Number	C151

GENERAL NOTES

- NOTES:
1. SEE EXISTING SITE PLAN (C101–C110) FOR LEGEND OF EXISTING FEATURES.
 2. SEE ALIGNMENT DIAGRAM (C150–C153) FOR ALIGNMENT GEOMETRY.
 3. CONTRACTOR TO PROTECT SITE FEATURES UNLESS OTHERWISE SHOWN TO BE REMOVED OR ABANDONED.
 4. REMOVAL AND DEMOLITION CANNOT START UNTIL ALL EROSION CONTROL ITEMS ARE IN PLACE.
 5. REMOVE DELINEATORS AT EACH EXISTING AND PROPOSED CULVERT CROSSING WITHIN PROJECT LIMITS. NEW DELINEATORS ARE TO BE INSTALLED.
 6. EXCAVATION EQUIPMENT SHALL BE SELECTED AS TO MINIMIZE THE AMOUNT OF DISTURBANCE OUTSIDE OF THE ROADWAY.
 7. GENERAL CONTRACTOR, OR THEIR SUB CONTRACTORS, SHALL CONTACT DIGGER’S HOTLINE TO ALLOW THEM SUFFICIENT TIME TO LOCATE EXISTING UTILITIES PRIOR TO THE COMMENCEMENT OF WORK. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE PUBLIC UTILITY LOCATE SERVICE (DIGGER’S HOTLINE) AND PRIVATE UTILITY LOCATE SERVICE, AS NEEDED, TO LOCATE ALL UTILITIES IN AREAS OF WORK PRIOR TO, AND DURING WORK ACTIVITIES. ANY LOCATES PROVIDED FOR PRIVATE UTILITIES SHALL BE AT THE COST OF THE GENERAL CONTRACTOR. CONTRACTOR IS RESPONSIBLE FOR TEMPORARY UTILITY PROVISIONS TO KEEP SERVICE IN OPERATION DURING CONSTRUCTION. IF TEMPORARY SHUTDOWNS ARE NECESSARY, CONTRACTOR IS RESPONSIBLE FOR COORDINATION WITH DFD PROJECT REPRESENTATIVE, BUCKHORN STATE PARK AND RESPONSIBLE UTILITY COMPANIES.
 8. ALL SIGNS NOT SPECIFIED FOR REMOVAL IN THE PLAN ARE TO REMAIN. ALL CAMPSITE NUMBERING SIGNS ARE TO REMAIN.
 9. ALL PIPES WITHIN THE PROJECT LIMITS THAT ARE TO REMAIN SHALL BE FLUSHED AND CLEARED OF ALL SEDIMENT MATERIAL PRIOR TO PROJECT SUBSTANTIAL COMPLETION.
 10. ALL SIGNS THAT ARE CALLED OUT TO BE REMOVED AND SALVAGED MUST BE RETURNED TO OWNER FOR REUSE AT A LATER DATE.
 11. SNOWMOBILE SIGNS AND POSTS ALONG 20TH AVE, 33RD ST, AND 22ND AVE ARE OWNED BY WINTER WANDERERS SNOWMOBILE CLUB. SIGNS AND POSTS ARE TO BE REMOVED BY OWNER PRIOR TO CONSTRUCTION.
 12. ON 20TH AVE/33RD ST/22ND ST FROM STA 100+00 TO 186+00, AND ON 19TH AVE/36TH ST STARTING 800 FT NORTH OF THE WEST BACKPACK PARKING LOT TO 1400 FT EAST OF BUCKHORN PARK AVE, PLACE TEMPORARY NO PARKING SIGNS APPROXIMATELY EVERY 100’ WITHIN THE SLOPE INTERCEPTS TO ENSURE THAT CONSTRUCTION VEHICLES AND EQUIPMENT DO NOT USE AREAS OF SUITABLE RARE SPECIES HABITAT FOR PARKING, STAGING OR TURN–AROUNDS. TEMPORARY SIGNS CAN BE 8 1/2” X 11” LAMINATED NO PARKING SIGNS MOUNTED ON LATH.



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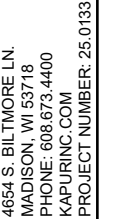
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W8450 BUCKHORN PARK AVENUE
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ROADWAY AND PARKING LOT PAVING
BUCKHORN STATE PARK
DEPARTMENT OF NATURAL RESOURCES
TOWN OF GERMANTOWN, WISCONSIN

Sheet Title:
SITE DEMOLITION PLAN – GENERAL NOTES

Revisions:		
No.	Date:	Description:
Graphic Scale		 VARIES
DFD Number	24G1G	
Set Type	BD	
Date Issued	11/14/2025	
Sheet Number	C200	

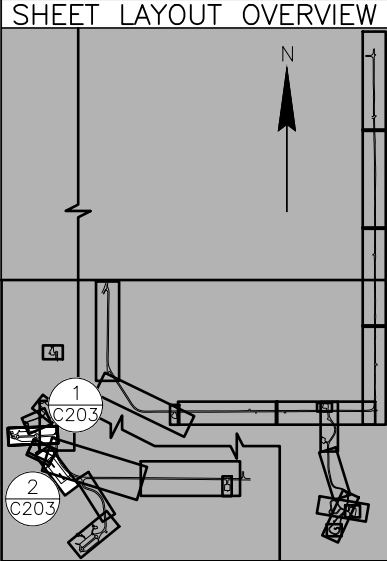
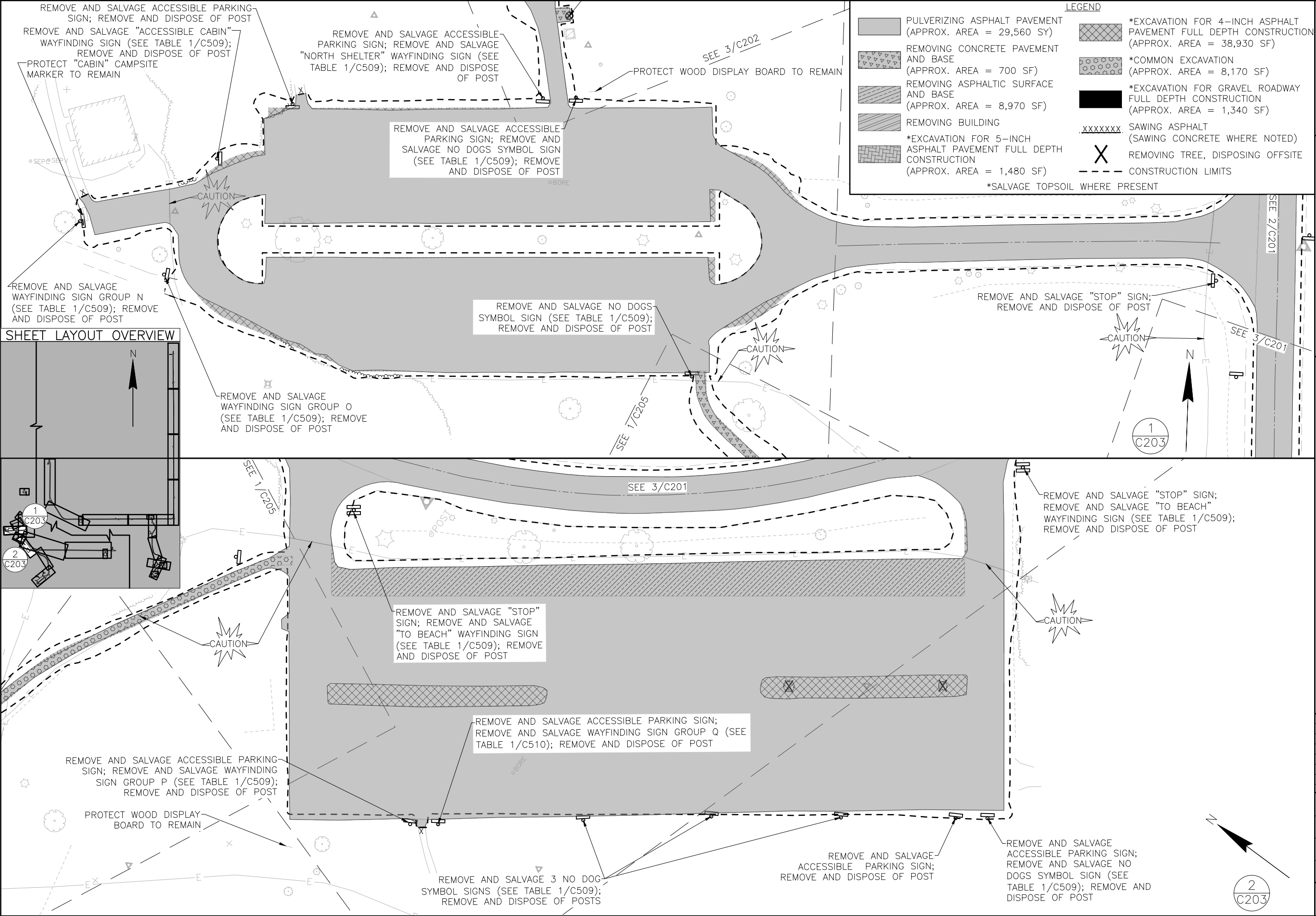


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ROADWAY AND PARKING LOT PAVING
BUCKHORN STATE PARK
DEPARTMENT OF NATURAL RESOURCES
TOWN OF GERMANTOWN, WISCONSIN

SITE DEMOLITION PLAN

[illegible]



LEGEND

	PULVERIZING ASPHALT PAVEMENT (APPROX. AREA = 29,560 SY)		*EXCAVATION FOR 4-INCH ASPHALT PAVEMENT FULL DEPTH CONSTRUCTION (APPROX. AREA = 38,930 SF)
	REMOVING CONCRETE PAVEMENT AND BASE (APPROX. AREA = 700 SF)		*COMMON EXCAVATION (APPROX. AREA = 8,170 SF)
	REMOVING ASPHALTIC SURFACE AND BASE (APPROX. AREA = 8,970 SF)		*EXCAVATION FOR GRAVEL ROADWAY FULL DEPTH CONSTRUCTION (APPROX. AREA = 1,340 SF)
	REMOVING BUILDING		SAWING ASPHALT (SAWING CONCRETE WHERE NOTED)
	*EXCAVATION FOR 5-INCH ASPHALT PAVEMENT FULL DEPTH CONSTRUCTION (APPROX. AREA = 1,480 SF)		REMOVING TREE, DISPOSING OFFSITE
	*SALVAGE TOPSOIL WHERE PRESENT		CONSTRUCTION LIMITS

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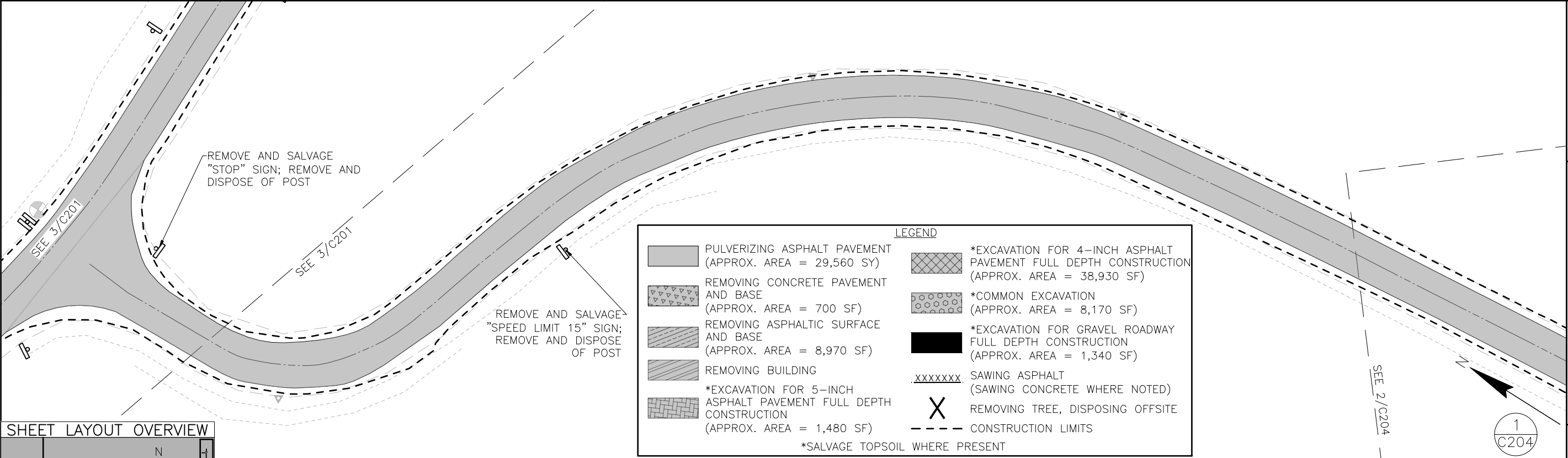
ROADWAY AND PARKING LOT PAVING
BUCKHORN STATE PARK
DEPARTMENT OF NATURAL RESOURCES
TOWN OF GERMANTOWN, WISCONSIN

WB450 BUCKHORN PARK AVENUE
TOWN OF GERMANTOWN, WI 53950

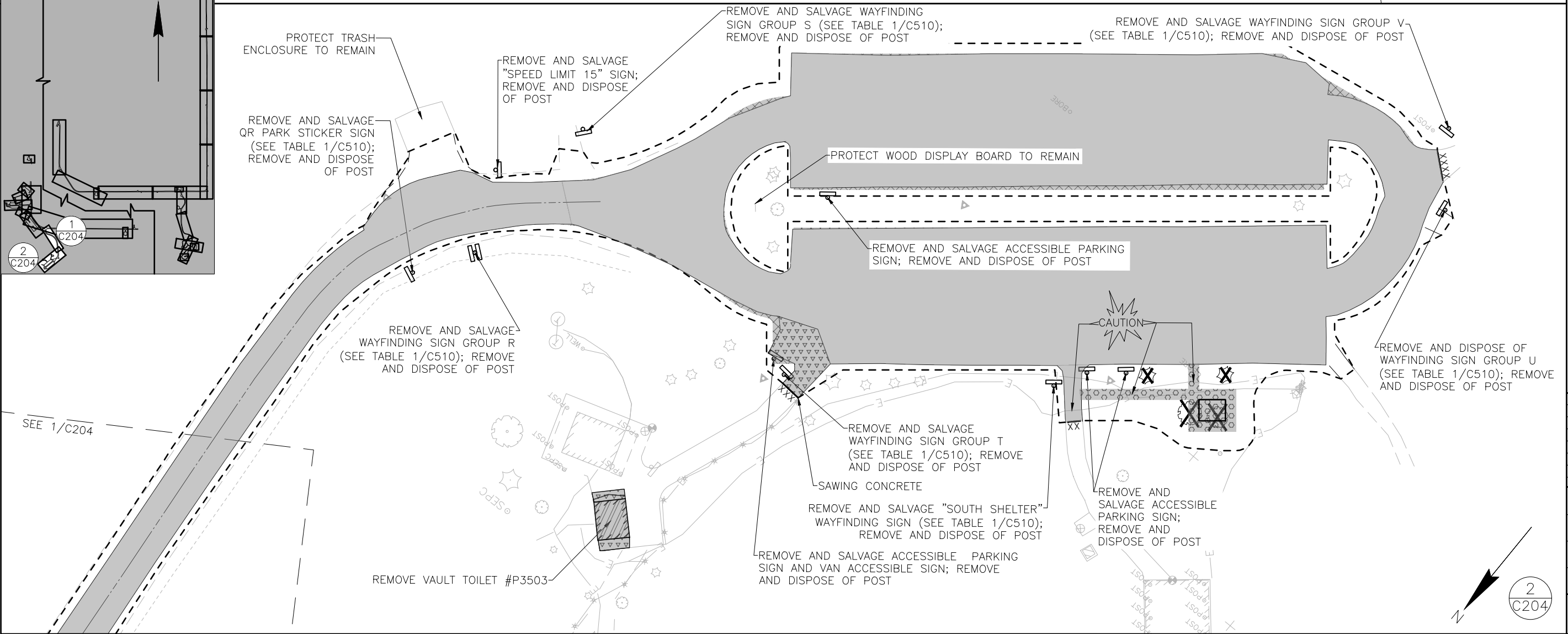
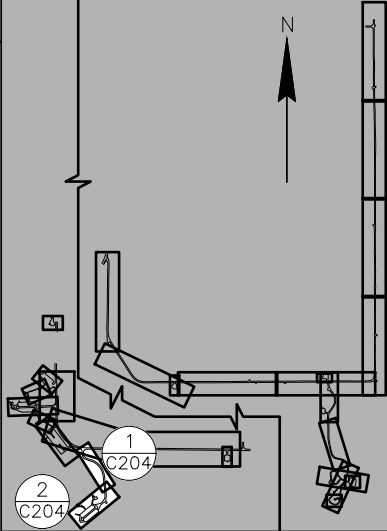
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SITE DEMOLITION PLAN

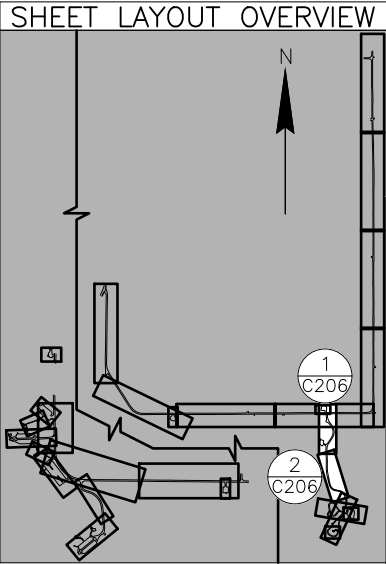
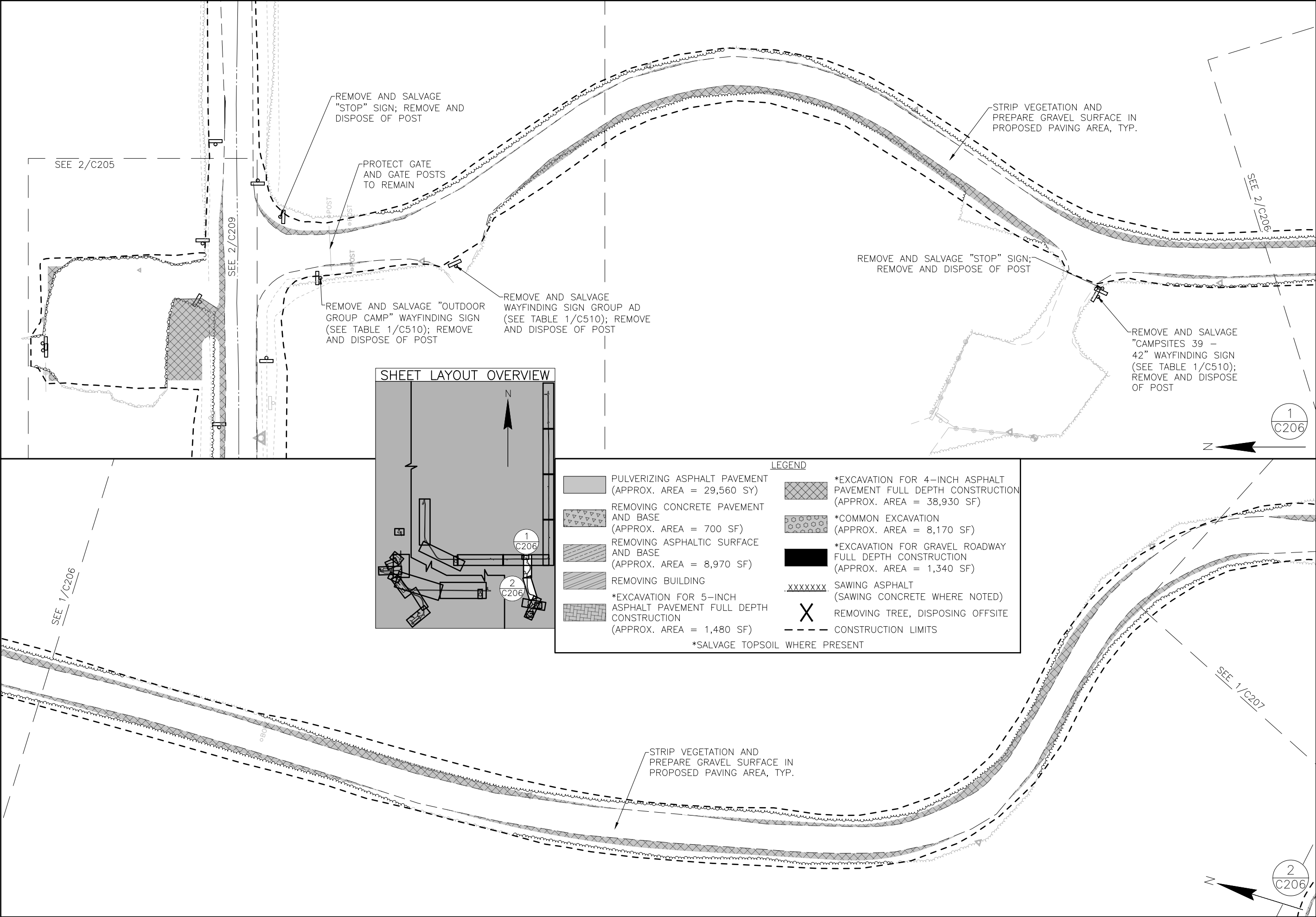
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No.	Date:	Description:

Graphic Scale	
DFD Number	24C1G
Set Type	BD
Date Issued	11/14/2025
Sheet Number	C203



SHEET LAYOUT OVERVIEW





LEGEND

PULVERIZING ASPHALT PAVEMENT (APPROX. AREA = 29,560 SY)	*EXCAVATION FOR 4-INCH ASPHALT PAVEMENT FULL DEPTH CONSTRUCTION (APPROX. AREA = 38,930 SF)
REMOVING CONCRETE PAVEMENT AND BASE (APPROX. AREA = 700 SF)	*COMMON EXCAVATION (APPROX. AREA = 8,170 SF)
REMOVING ASPHALTIC SURFACE AND BASE (APPROX. AREA = 8,970 SF)	*EXCAVATION FOR GRAVEL ROADWAY FULL DEPTH CONSTRUCTION (APPROX. AREA = 1,340 SF)
REMOVING BUILDING	SAWING ASPHALT (SAWING CONCRETE WHERE NOTED)
*EXCAVATION FOR 5-INCH ASPHALT PAVEMENT FULL DEPTH CONSTRUCTION (APPROX. AREA = 1,480 SF)	REMOVING TREE, DISPOSING OFFSITE
CONSTRUCTION LIMITS	
*SALVAGE TOPSOIL WHERE PRESENT	

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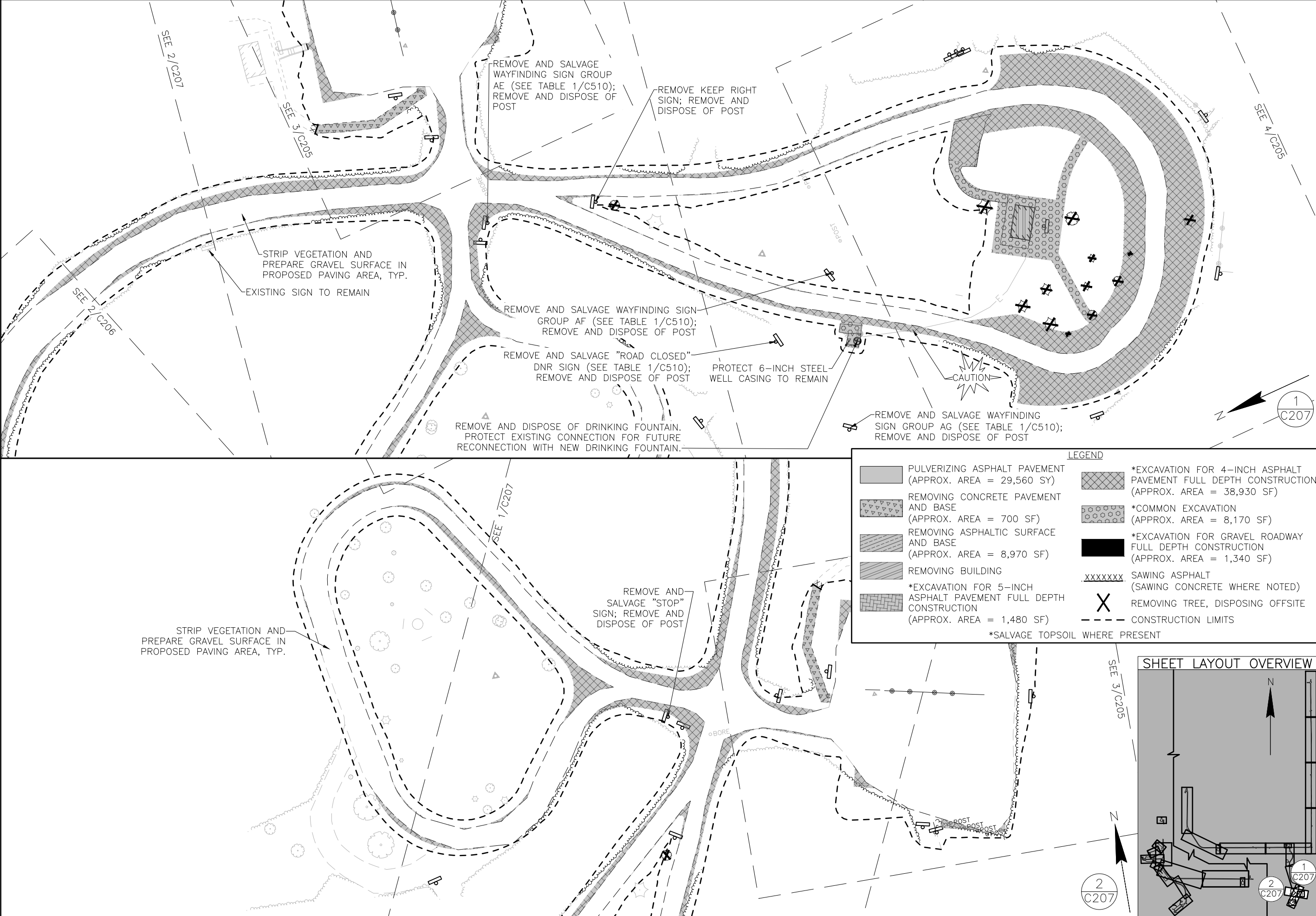
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**ROADWAY AND PARKING LOT PAVING
BUCKHORN STATE PARK
DEPARTMENT OF NATURAL RESOURCES
TOWN OF GERMANTOWN, WISCONSIN**

Sheet Title:
SITE DEMOLITION PLAN

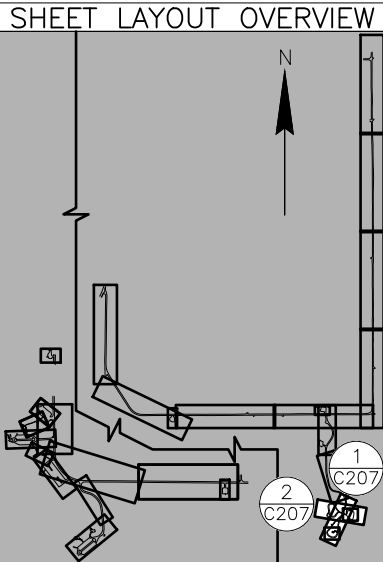
Revisions:		
No.	Date:	Description:

Graphic Scale	
DFD Number	24G1G
Set Type	BD
Date Issued	11/14/2025
Sheet Number	C206



LEGEND

	PULVERIZING ASPHALT PAVEMENT (APPROX. AREA = 29,560 SY)		*EXCAVATION FOR 4-INCH ASPHALT PAVEMENT FULL DEPTH CONSTRUCTION (APPROX. AREA = 38,930 SF)
	REMOVING CONCRETE PAVEMENT AND BASE (APPROX. AREA = 700 SF)		*COMMON EXCAVATION (APPROX. AREA = 8,170 SF)
	REMOVING ASPHALTIC SURFACE AND BASE (APPROX. AREA = 8,970 SF)		*EXCAVATION FOR GRAVEL ROADWAY FULL DEPTH CONSTRUCTION (APPROX. AREA = 1,340 SF)
	REMOVING BUILDING		SAWING ASPHALT (SAWING CONCRETE WHERE NOTED)
	*EXCAVATION FOR 5-INCH ASPHALT PAVEMENT FULL DEPTH CONSTRUCTION (APPROX. AREA = 1,480 SF)		REMOVING TREE, DISPOSING OFFSITE
*SALVAGE TOPSOIL WHERE PRESENT			CONSTRUCTION LIMITS



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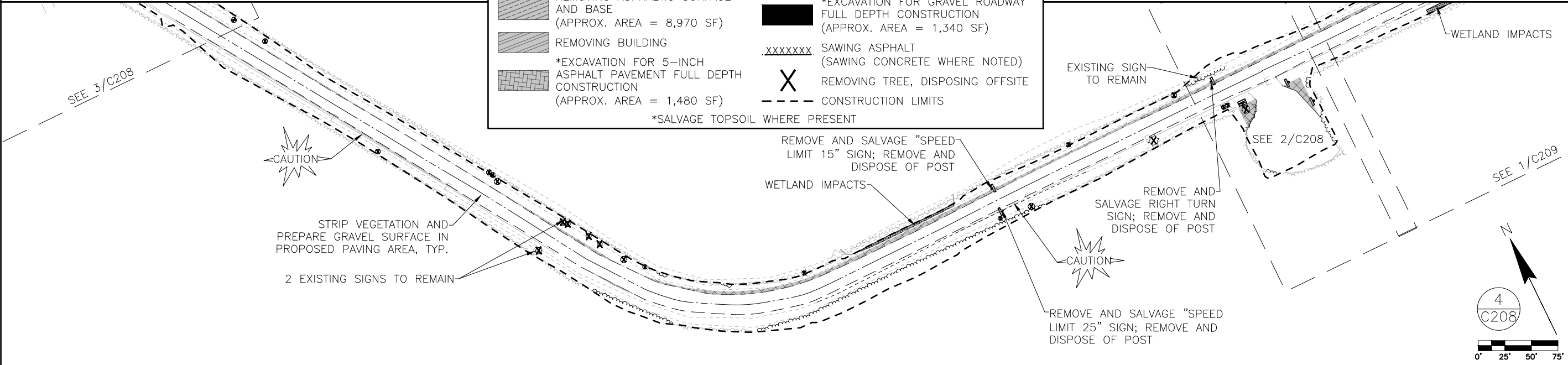
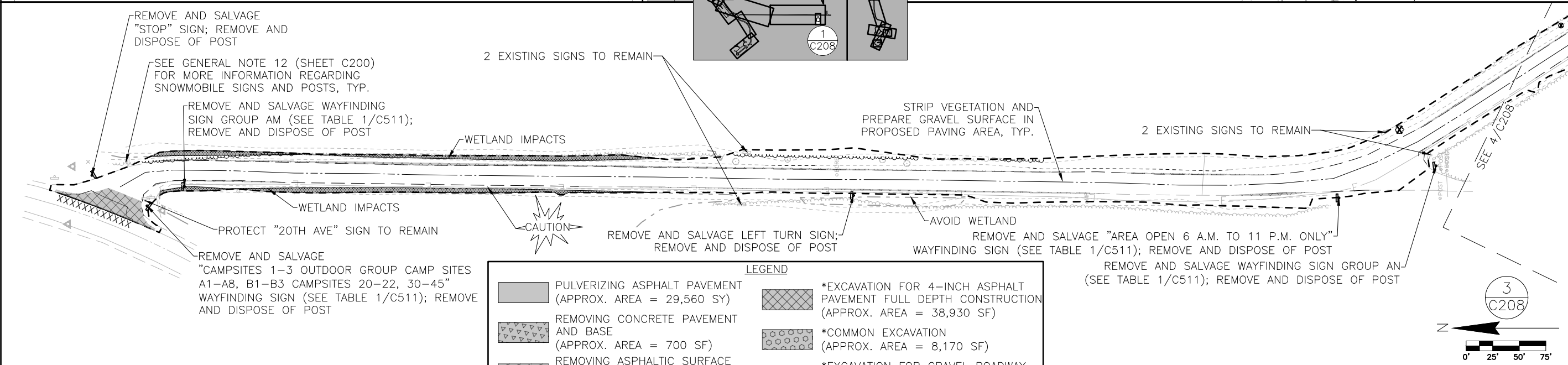
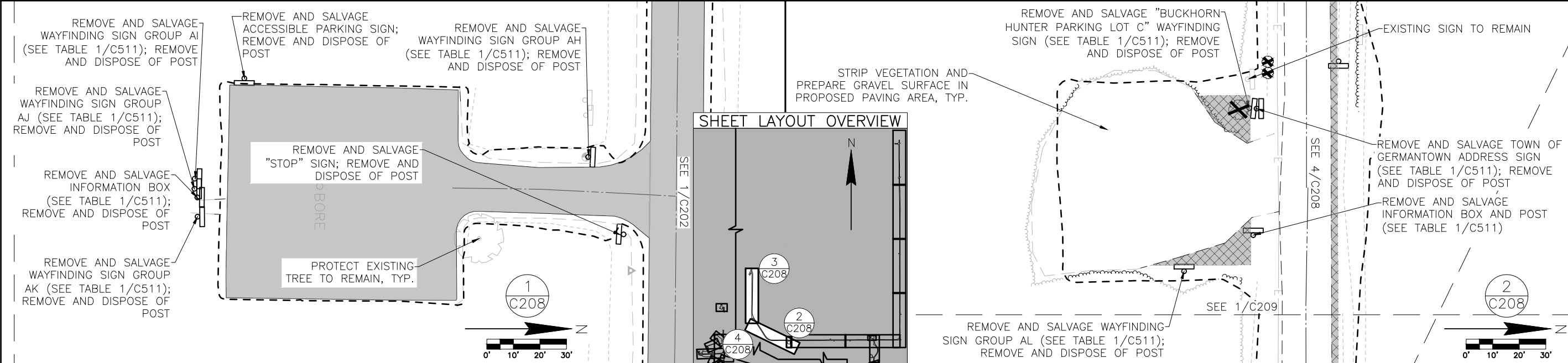
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ROADWAY AND PARKING LOT PAVING
BUCKHORN STATE PARK
DEPARTMENT OF NATURAL RESOURCES
TOWN OF GERMANTOWN, WISCONSIN

Sheet Title:
SITE DEMOLITION PLAN

Revisions:		
No.	Date:	Description:

Graphic Scale	
DFD Number	24C1G
Set Type	BD
Date Issued	11/14/2025
Sheet Number	C207



LEGEND

PULVERIZING ASPHALT PAVEMENT (APPROX. AREA = 29,560 SY)	*EXCAVATION FOR 4-INCH ASPHALT PAVEMENT FULL DEPTH CONSTRUCTION (APPROX. AREA = 38,930 SF)
REMOVING CONCRETE PAVEMENT AND BASE (APPROX. AREA = 700 SF)	*COMMON EXCAVATION (APPROX. AREA = 8,170 SF)
REMOVING ASPHALTIC SURFACE AND BASE (APPROX. AREA = 8,970 SF)	*EXCAVATION FOR GRAVEL ROADWAY FULL DEPTH CONSTRUCTION (APPROX. AREA = 1,340 SF)
REMOVING BUILDING	.XXXXXXX. SAWING ASPHALT (SAWING CONCRETE WHERE NOTED)
*EXCAVATION FOR 5-INCH ASPHALT PAVEMENT FULL DEPTH CONSTRUCTION (APPROX. AREA = 1,480 SF)	X REMOVING TREE, DISPOSING OFFSITE
	--- CONSTRUCTION LIMITS
*SALVAGE TOPSOIL WHERE PRESENT	

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ROADWAY AND PARKING LOT PAVING
BUCKHORN STATE PARK
DEPARTMENT OF NATURAL RESOURCES
TOWN OF GERMANTOWN, WISCONSIN

Sheet Title:
SITE DEMOLITION PLAN

Revisions:		
No.	Date:	Description:

Graphic Scale	VARIES
DFD Number	24C1G
Set Type	BD
Date Issued	11/14/2025
Sheet Number	C208

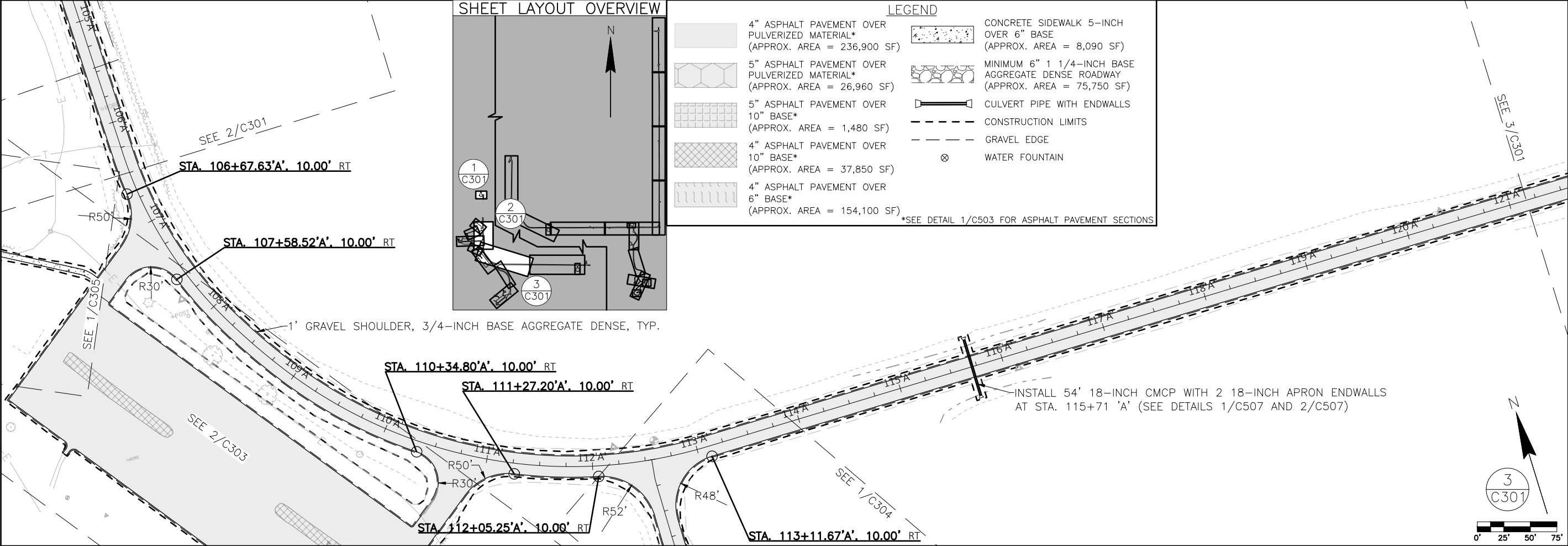
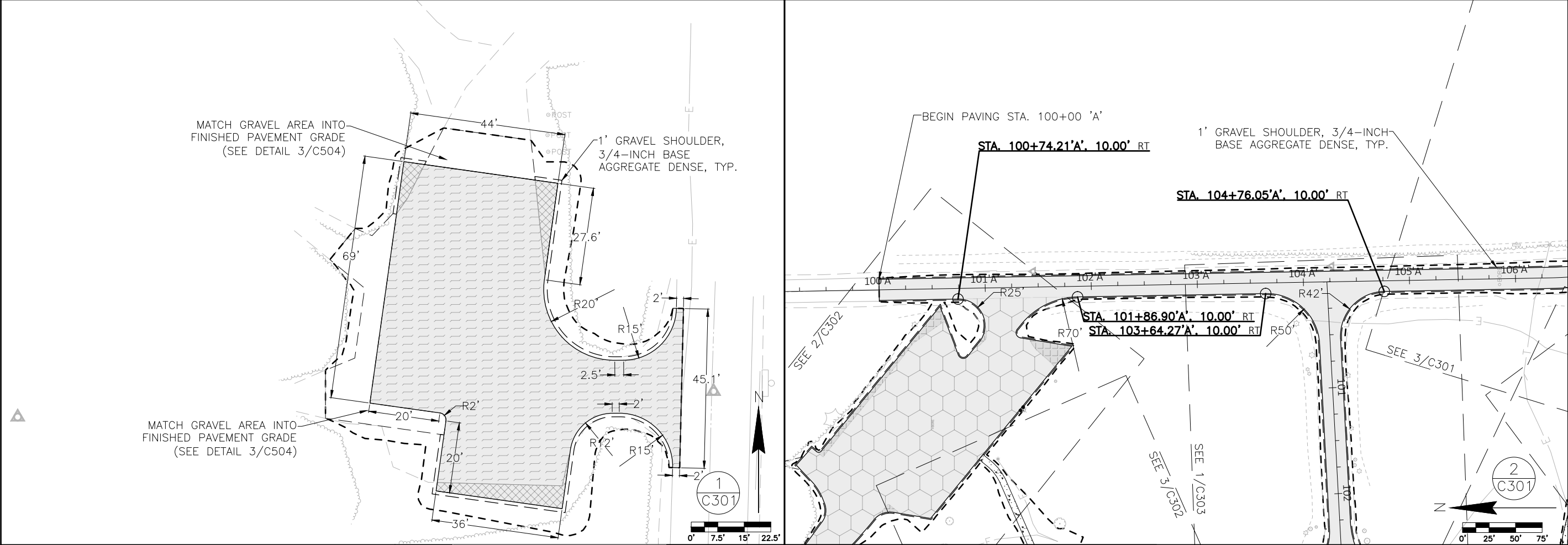
GENERAL NOTES

NOTES:

1. ALL PIPES (EXISTING AND PROPOSED) WITHIN THE PROJECT LIMITS THAT ARE TO REMAIN SHALL BE FLUSHED AND CLEARED OF ALL SEDIMENT MATERIAL PRIOR TO PROJECT SUBSTANTIAL COMPLETION.
2. SEE EXISTING SITE PLAN (C101-C110) FOR LEGEND OF EXISTING FEATURES.
3. SEE ALIGNMENT DIAGRAM (C150-C153) FOR ALIGNMENT GEOMETRY.
4. SEE SHEETS C500-C502 FOR ROADWAY TYPICAL SECTIONS.
5. CONTRACTOR EQUIPMENT AND VEHICLES MUST BE STORED WITHIN THE CONSTRUCTION LIMITS AT ALL TIMES. CONTAIN ALL ACTIVITIES WITHIN THE CONSTRUCTION LIMITS.
6. PROTECT EXISTING SITE FEATURES UNLESS OTHERWISE SHOWN BY PLAN TO BE REMOVED OR ABANDONED.
7. WIDTHS, DIMENSIONS, AND LOCATIONS OF OBJECTS ARE APPROXIMATIONS OF EXISTING FIELD CONDITIONS BASED ON SURVEY. FIT EXISTING FIELD CONDITIONS WHERE APPLICABLE.
8. PRIOR TO THE PLACEMENT OF GEOTEXTILE FABRIC AND RIPRAP AROUND EXISTING ENDWALLS, CONTRACTOR SHALL PLACE ADDITIONAL TOPSOIL AS NECESSARY TO PROVIDE PROPER STABILIZATION OF ENDWALL AND END SECTION OF PIPE.
9. CONTRACTOR SHALL INSTALL NEW FLEXIBLE MARKER POSTS AT ALL NEW AND EXISTING CULVERT ENDS WITHIN PROJECT AREA.
10. TEST PITS OF BASE AGGREGATE ARE EXPECTED TO BE COMPLETED BY THE CONTRACTOR (PER SPECS) WHICH WILL BE VERIFIED DURING PROOF ROLLING.
11. MATCH ALL GRAVEL CAMPSITES, ROADS, AND PARKING LOTS INTO ASPHALT ROADWAYS WITH 3/4-INCH BASE AGGREGATE DENSE AND MATCH ALL GRAVEL TRAILS INTO ASPHALT ROADWAYS WITH LIMESTONE SCREENING. FOR ALL GRAVEL CAMPSITE AND TRAIL MATCHES, THE FINISHED SURFACE MUST PROVIDE A SMOOTH, COMPACTED TRANSITION BETWEEN GRADES AT A SLOPE NOT EXCEEDING 12':1'. SEE DETAIL 2/C505 FOR MORE INFORMATION.
12. RESTORE ALL DISTURBED VEGETATED AREAS.
13. SALVAGE DESIGNED CONCRETE WHEEL STOPS FOR REINSTALLATION. COORDINATE WITH DFD CONSTRUCTION REPRESENTATIVE OR A/E TO DETERMINE REUSABLE UNITS. REMOVE AND DISPOSE OF DETERIORATED OR DAMAGED WHEEL STOPS OFFSITE.

Revisions:		
No.	Date:	Description:

Graphic Scale	 NTS
DFD Number	24G1G
Set Type	BD
Date Issued	11/14/2025
Sheet Number	C300



LEGEND

4" ASPHALT PAVEMENT OVER PULVERIZED MATERIAL* (APPROX. AREA = 236,900 SF)	CONCRETE SIDEWALK 5-INCH OVER 6" BASE (APPROX. AREA = 8,090 SF)
5" ASPHALT PAVEMENT OVER PULVERIZED MATERIAL* (APPROX. AREA = 26,960 SF)	MINIMUM 6" 1 1/4-INCH BASE AGGREGATE DENSE ROADWAY (APPROX. AREA = 75,750 SF)
5" ASPHALT PAVEMENT OVER 10" BASE* (APPROX. AREA = 1,480 SF)	CULVERT PIPE WITH ENDWALLS
4" ASPHALT PAVEMENT OVER 10" BASE* (APPROX. AREA = 37,850 SF)	CONSTRUCTION LIMITS
4" ASPHALT PAVEMENT OVER 6" BASE* (APPROX. AREA = 154,100 SF)	GRAVEL EDGE
	WATER FOUNTAIN

*SEE DETAIL 1/C503 FOR ASPHALT PAVEMENT SECTIONS

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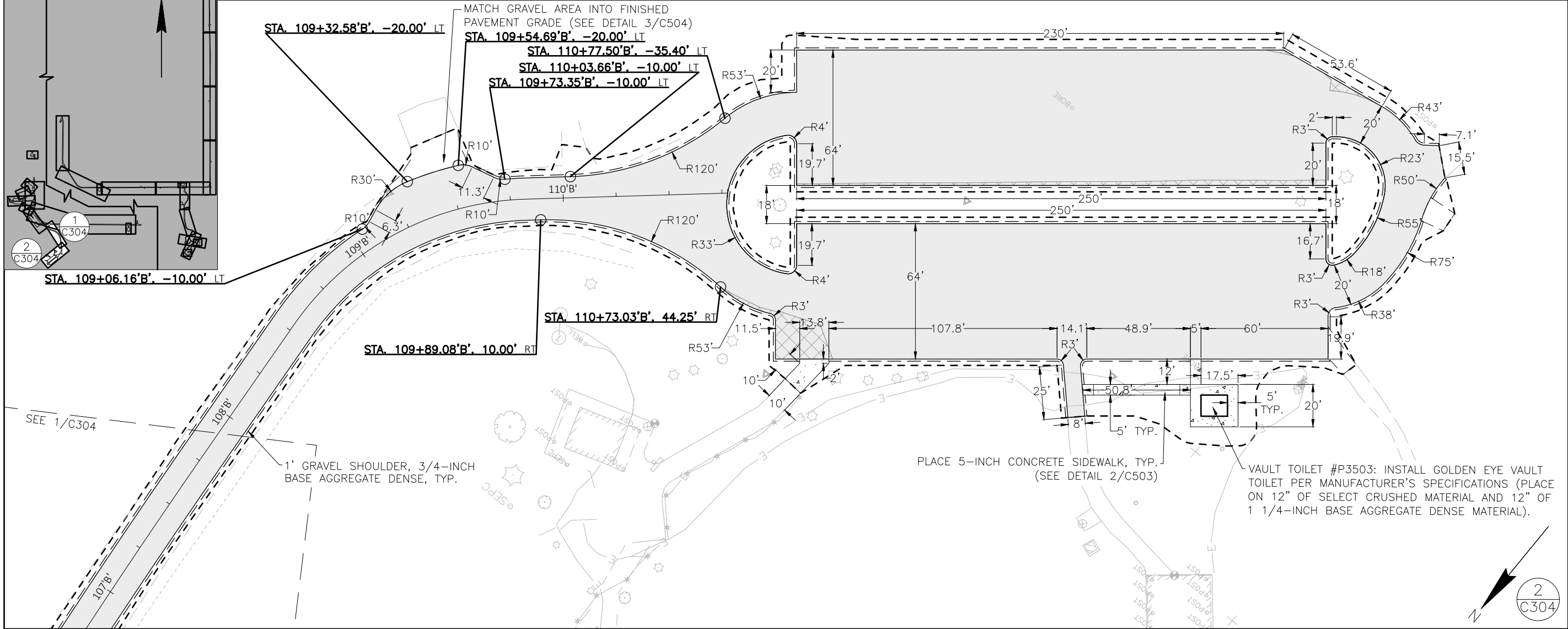
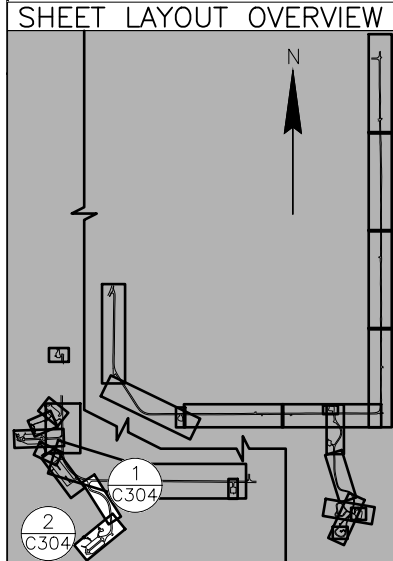
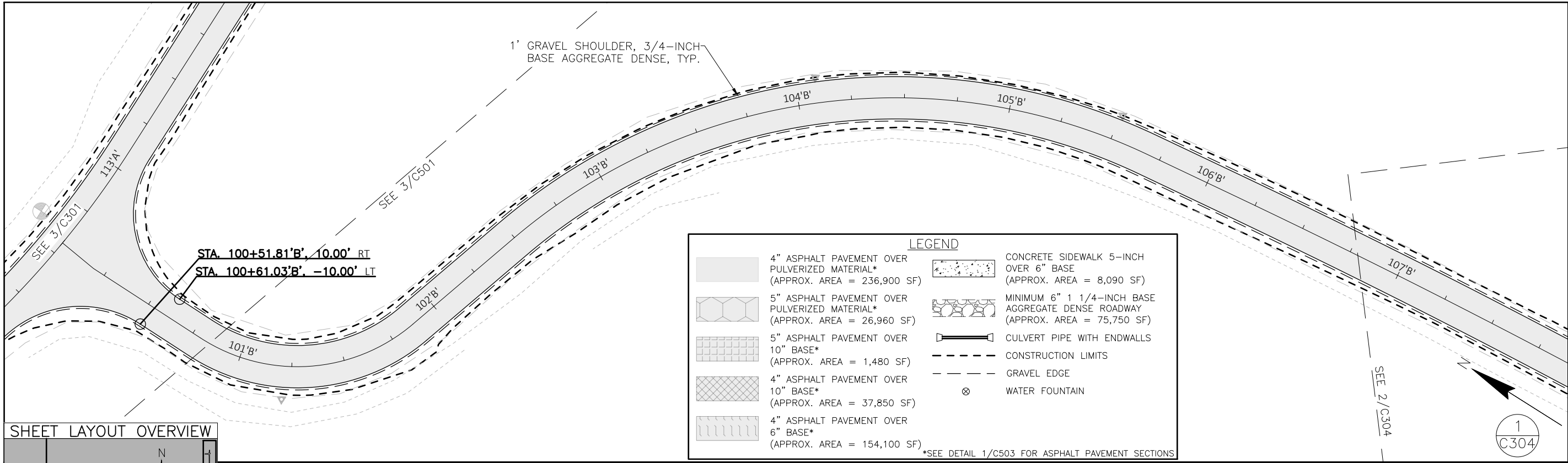
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ROADWAY AND PARKING LOT PAVING
BUCKHORN STATE PARK
DEPARTMENT OF NATURAL RESOURCES
TOWN OF GERMANTOWN, WISCONSIN

Sheet Title:
SITE LAYOUT PLAN

Revisions:		
No.	Date:	Description:

Graphic Scale	VARIES
DFD Number	24C1G
Set Type	BD
Date Issued	11/14/2025
Sheet Number	C301





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ROADWAY AND PARKING LOT PAVING
BUCKHORN STATE PARK
DEPARTMENT OF NATURAL RESOURCES
TOWN OF GERMANTOWN, WISCONSIN

Sheet Title:
SITE LAYOUT PLAN

Revisions:
No. Date: Description:

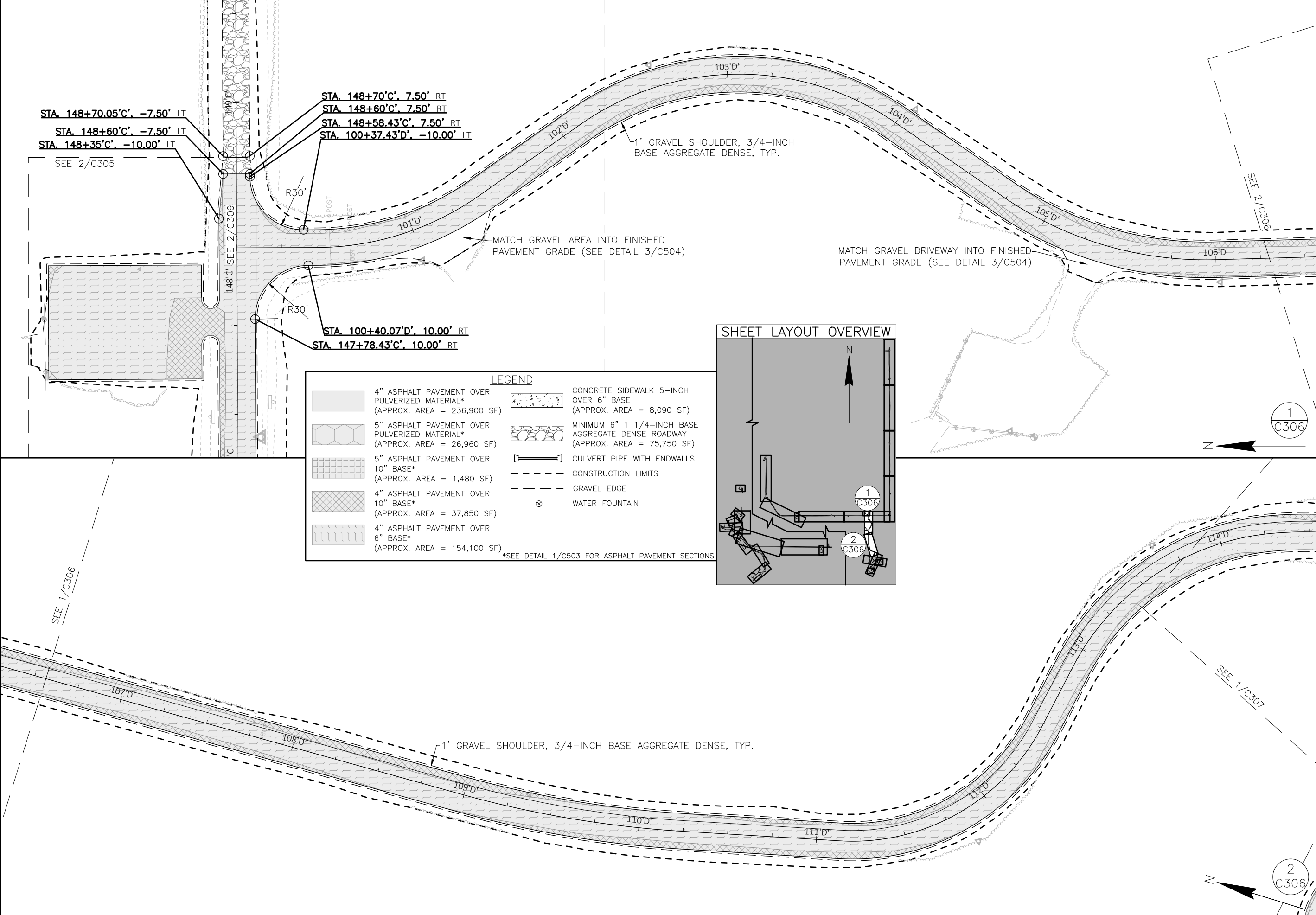
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Set Type: BD

Date Issued: 11/14/2025

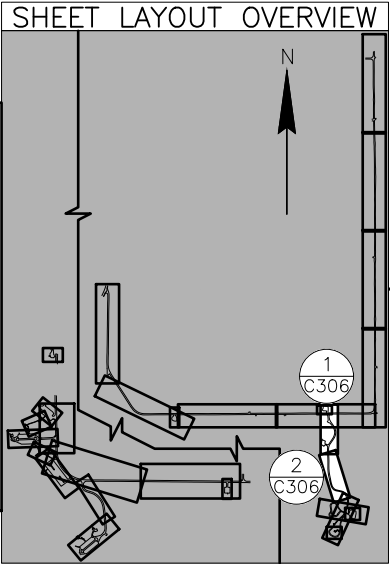
Sheet Number: C304



LEGEND

	4" ASPHALT PAVEMENT OVER PULVERIZED MATERIAL* (APPROX. AREA = 236,900 SF)		CONCRETE SIDEWALK 5-INCH OVER 6" BASE (APPROX. AREA = 8,090 SF)
	5" ASPHALT PAVEMENT OVER PULVERIZED MATERIAL* (APPROX. AREA = 26,960 SF)		MINIMUM 6" 1 1/4-INCH BASE AGGREGATE DENSE ROADWAY (APPROX. AREA = 75,750 SF)
	5" ASPHALT PAVEMENT OVER 10" BASE* (APPROX. AREA = 1,480 SF)		CULVERT PIPE WITH ENDWALLS
	4" ASPHALT PAVEMENT OVER 10" BASE* (APPROX. AREA = 37,850 SF)		CONSTRUCTION LIMITS
	4" ASPHALT PAVEMENT OVER 6" BASE* (APPROX. AREA = 154,100 SF)		GRAVEL EDGE
			WATER FOUNTAIN

*SEE DETAIL 1/C503 FOR ASPHALT PAVEMENT SECTIONS



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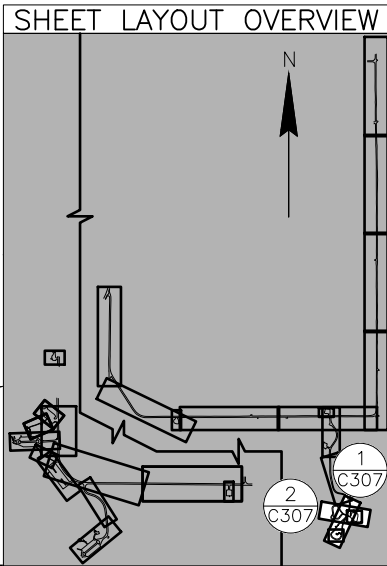
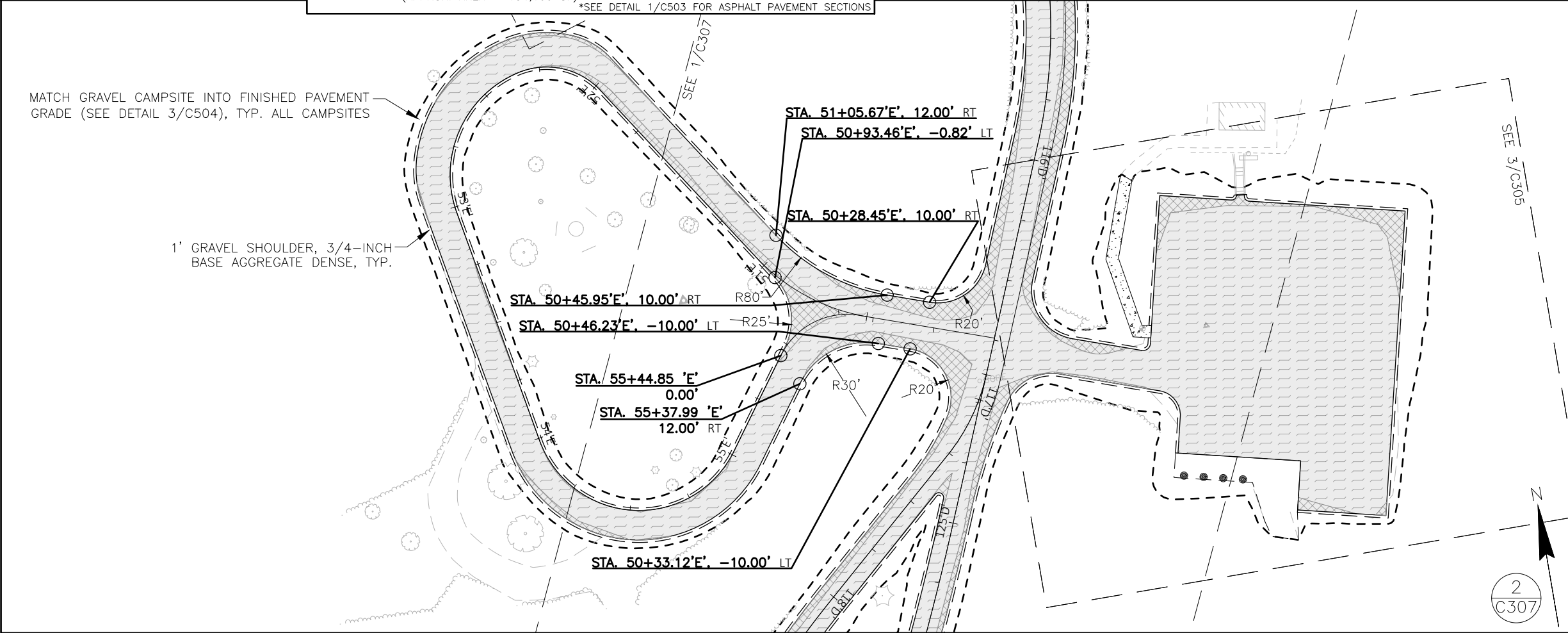
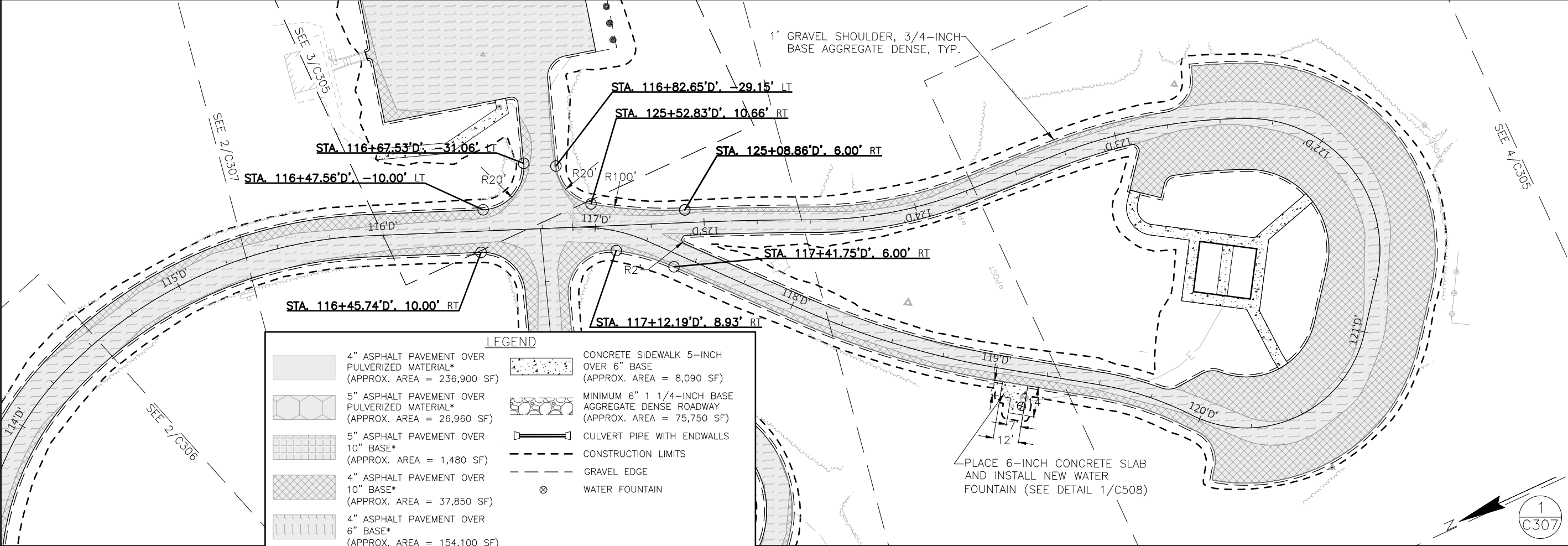
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ROADWAY AND PARKING LOT PAVING
BUCKHORN STATE PARK
DEPARTMENT OF NATURAL RESOURCES
TOWN OF GERMANTOWN, WISCONSIN

Sheet Title:
SITE LAYOUT PLAN

Revisions:		
No.	Date:	Description:

Graphic Scale	
DFD Number	24C1G
Set Type	BD
Date Issued	11/14/2025
Sheet Number	C306



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KAPURINC.COM
PROJECT NUMBER: 25.0133

State of Wisconsin
Department of Administration
Division of Facilities Development

ROADWAY AND PARKING LOT PAVING
BUCKHORN STATE PARK
DEPARTMENT OF NATURAL RESOURCES
TOWN OF GERMANTOWN, WISCONSIN

Sheet Title:
SITE LAYOUT PLAN

Revisions:		
No.	Date:	Description:

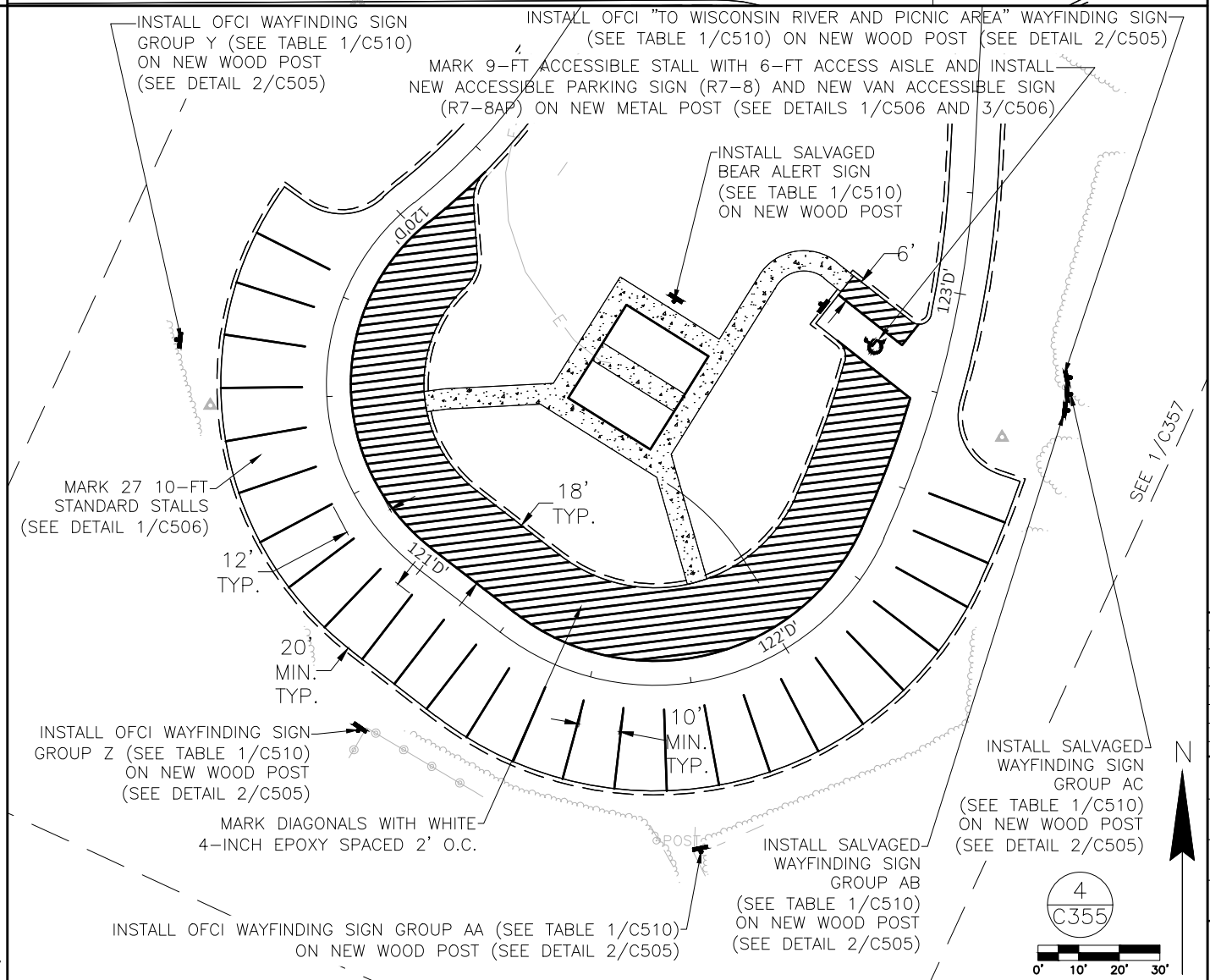
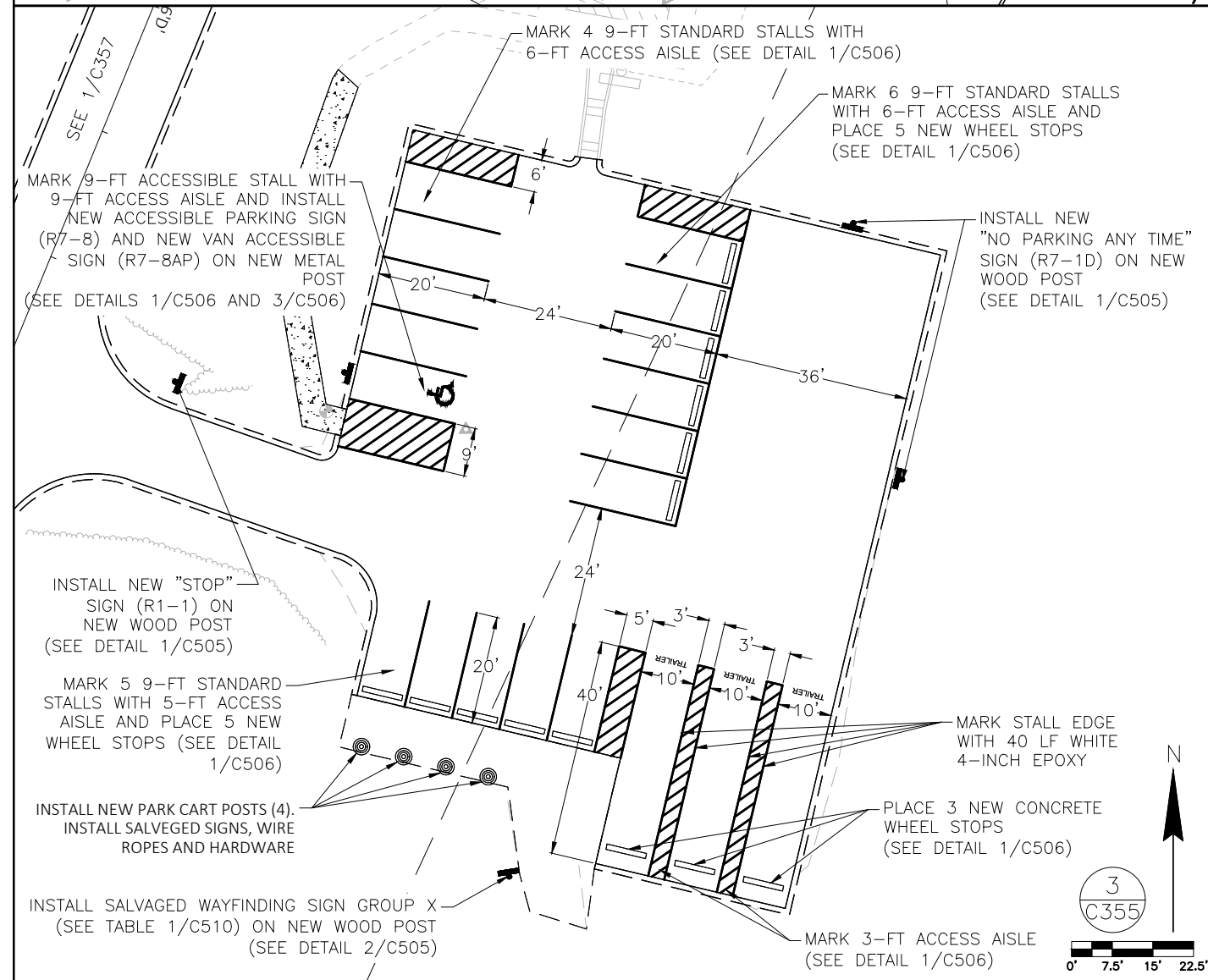
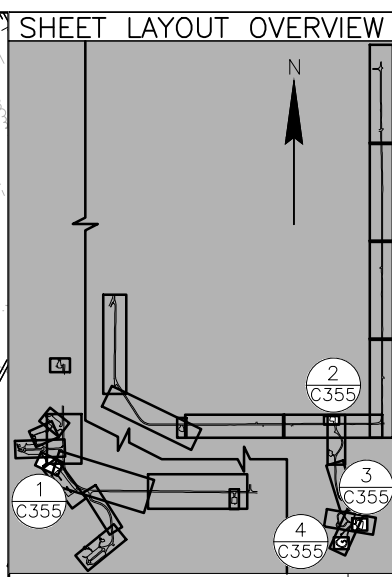
Graphic Scale	0' 12.5' 25' 37.5'
DFD Number	24C1G
Set Type	BD
Date Issued	11/14/2025
Sheet Number	C307

GENERAL NOTES

NOTES:

1. SEE EXISTING SITE PLAN (C101-C110) FOR LEGEND OF EXISTING FEATURES.
2. SEE ALIGNMENT DIAGRAM (C150-C153) FOR ALIGNMENT GEOMETRY.
3. SEE SHEETS C500-C502 FOR ROADWAY TYPICAL SECTIONS.
4. CONTRACTOR EQUIPMENT AND VEHICLES MUST BE STORED WITHIN THE CONSTRUCTION LIMITS AT ALL TIMES. CONTAIN ALL ACTIVITIES WITHIN THE CONSTRUCTION LIMITS.
5. PROTECT EXISTING SITE FEATURES UNLESS OTHERWISE SHOWN BY PLAN TO BE REMOVED OR ABANDONED.
6. WIDTHS, DIMENSIONS, AND LOCATIONS OF OBJECTS ARE APPROXIMATIONS OF EXISTING FIELD CONDITIONS BASED ON SURVEY. FIT EXISTING FIELD CONDITIONS WHERE APPLICABLE.
7. UNLESS OTHERWISE NOTED IN THE PLAN, ALL POSTS SHALL BE 4X4 WOOD PREMIUM PRESSURE-TREATED CEDAR-TONE MATERIAL OR 2" X 2" SQUARE GALVANIZED STEEL POSTS.
8. UNIQUE PARK SIGNS WHERE NOTED IN PLANS WILL BE OWNER FURNISHED, CONTRACTOR INSTALLED (OFCI). ALL OTHER SIGNS MUST BE SUPPLIED BY THE CONTRACTOR.
9. CONCRETE WHEEL STOPS IN WEST BACKPACK PARKING LOT DEEMED FOR REUSE MUST BE REINSTALLED IN BOAT LAUNCH PARKING LOT. CONTRACTOR MUST SUPPLY REMAINING REQUIRED CONCRETE WHEEL STOPS AT BOAT LAUNCH PARKING LOT.

Revisions:		
No.	Date:	Description:
Graphic Scale		 NTS
DFD Number	24G1G	
Set Type	BD	
Date Issued	11/14/2025	
Sheet Number	C350	



GENERAL NOTES

1. SEE EXISTING SITE PLAN (C100-C110) FOR LEGEND OF EXISTING FEATURES.
2. CONTRACTOR SHALL ADJUST GRADES AS NEEDED TO PROVIDE ADEQUATE DRAINAGE AND CROSS SLOPE, OR AS DIRECTED BY THE DFD PROJECT REPRESENTATIVE OR A/E.
3. CONTRACTOR MUST PROTECT SITE FEATURES UNLESS OTHERWISE SHOWN TO BE REMOVED OR ABANDONED.
4. INSTALL ALL EROSION MAT PER MANUFACTURER'S SPECIFICATIONS.
5. INSTALL EROSION CONTROL MEASURES PRIOR TO ANY GRADING OR LAND-DISTURBING ACTIVITIES AND MAINTAIN MEASURES THROUGHOUT CONSTRUCTION. MEASURES SHOWN ARE MINIMUM REQUIREMENTS ONLY. LOCATION OF EROSION CONTROL MEASURES AS SHOWN ON PLAN ARE AT SUGGESTED LOCATIONS. THE EXACT LOCATIONS TO BE DETERMINED BY A/E OR DFD PROJECT REPRESENTATIVE IN THE FIELD. CONTRACTOR IS RESPONSIBLE FOR PROVIDING ADDITIONAL APPLICABLE EROSION CONTROL MEASURES WITHIN 24 HOURS AT THE REQUEST OF THE STATE, DFD PROJECT REPRESENTATIVE, OR A/E.
6. INSTALL AND MAINTAIN ALL EROSION AND SEDIMENT CONTROL MEASURES IN ACCORDANCE WITH APPLICABLE WISCONSIN DNR TECHNICAL STANDARDS.
7. TOPSOIL, SEED, AND FERTILIZE ALL AREAS DISTURBED DURING CONSTRUCTION AT COMPLETION OF EACH PHASE.
8. MULCH ALL AREAS NOT COVERED BY EROSION MAT.
9. SWEEP MATERIAL TRACKED ONTO ADJACENT ROADWAYS/PATHS AT THE END OF EACH WORK DAY, PRIOR TO ANTICIPATED PRECIPITATION, OR AS DIRECTED BY THE DFD PROJECT REPRESENTATIVE OR A/E.
10. COLLECT AND REMOVE ALL CONSTRUCTION DEBRIS, EXCESS MATERIALS, TRASH AND OTHER MATERIALS AT THE END OF EACH WORK DAY TO PREVENT MIGRATION OF MATERIALS TO THE WATERS OF THE STATE OR NEIGHBORING PROPERTIES. DO NOT BURY DEBRIS OR MATERIALS ON-SITE.
11. CONTRACTOR IS RESPONSIBLE FOR ALL FINAL RESTORATION ASSOCIATED WITH THIS PROJECT. CONTRACTOR SHALL RESTORE ANY AREAS WHERE WORK ASSOCIATED WITH THIS PROJECT IS COMPLETED TO MINIMIZE THE AMOUNT OF OVERALL SITE DISTURBANCE THROUGHOUT PROJECT. ANY DISTURBED AREAS OUTSIDE OF THE EXPECTED AREA OF DISTURBANCE BUT WITHIN THE CONSTRUCTION LIMITS SHALL BE RESTORED WITH THE SAME MATERIAL FOR THE CORRESPONDING AREA SHOWN ON THE EROSION CONTROL PLAN IF IMPACTED BY STAGING OPERATIONS AND EQUIPMENT ACTIVITY.
12. REMOVE ALL EROSION CONTROL MEASURES AFTER PROJECT ACCEPTANCE.
13. INSTALL CONTRACTOR PROVIDED SIGNS AT 100' SPACING ALONG ROADWAYS THROUGH IDENTIFIED AREAS TO PROTECT SPECIAL NATURAL RESOURCE AREAS FOR THE SLENDER GLASS LIZARD. CONTRACTOR TO REMAIN WITHIN ROADWAY AND PARKING LOTS TO COMPLETE WORK
14. INSTALL EROSION MAT ON ALL SLOPES GREATER THAN 4:1 AND ALL DRAINAGE SWALES. USE CLASS 1, TYPE B FROM WISDOT PRODUCT APPROVED LIST FOR ALL SIDE SLOPES. USE CLASS II, TYPE B FOR SLOPES GRATER THAN 2.5:1. INSTALL EROSION MAT ON THE BOTTOM OF AND A MINIMUM OF 2 FEET VERTICALLY UP THE SIDE SLOPES OF ALL DRAINAGE SWALES. CLASS I, TYPE B MAY BE USED FOR THE REMAINDER OF THE SIDE SLOPES IN DRAINAGE SWALES EXCEEDING 2 FEET VERTICALLY.
15. EROSION CONTROL MEASURES SHALL BE INSPECTED WEEKLY & WITHIN 24 HOURS AFTER RAINFALL OF .5" OR MORE.



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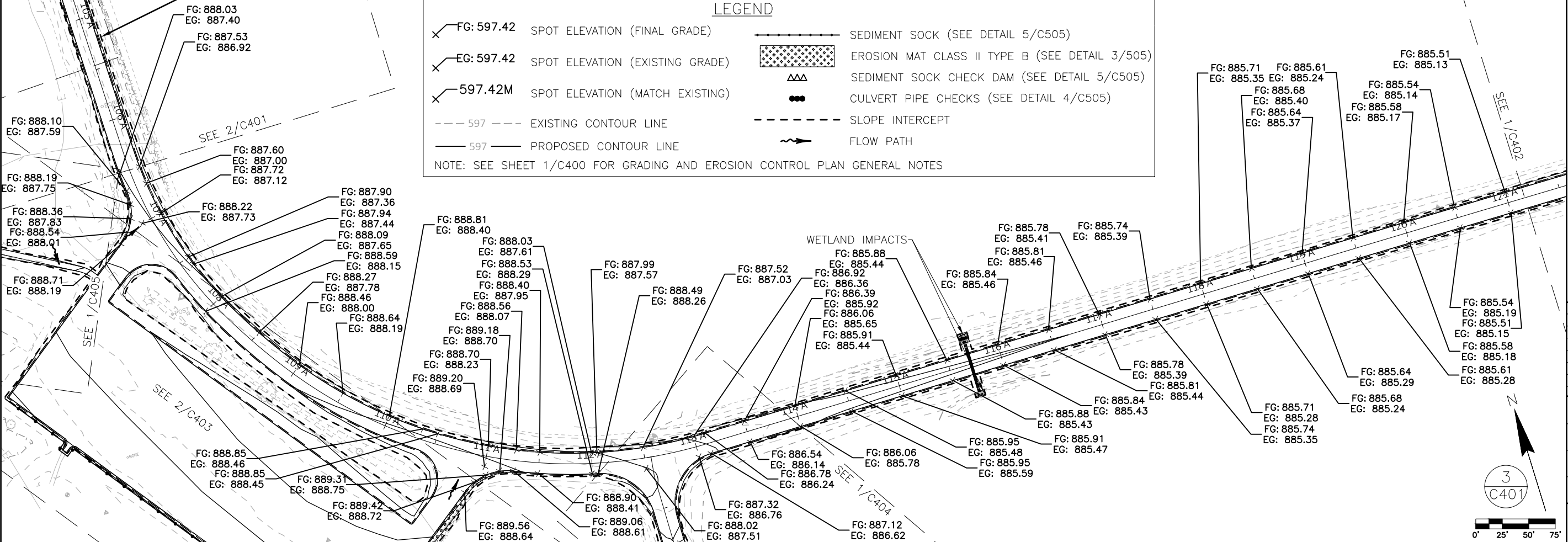
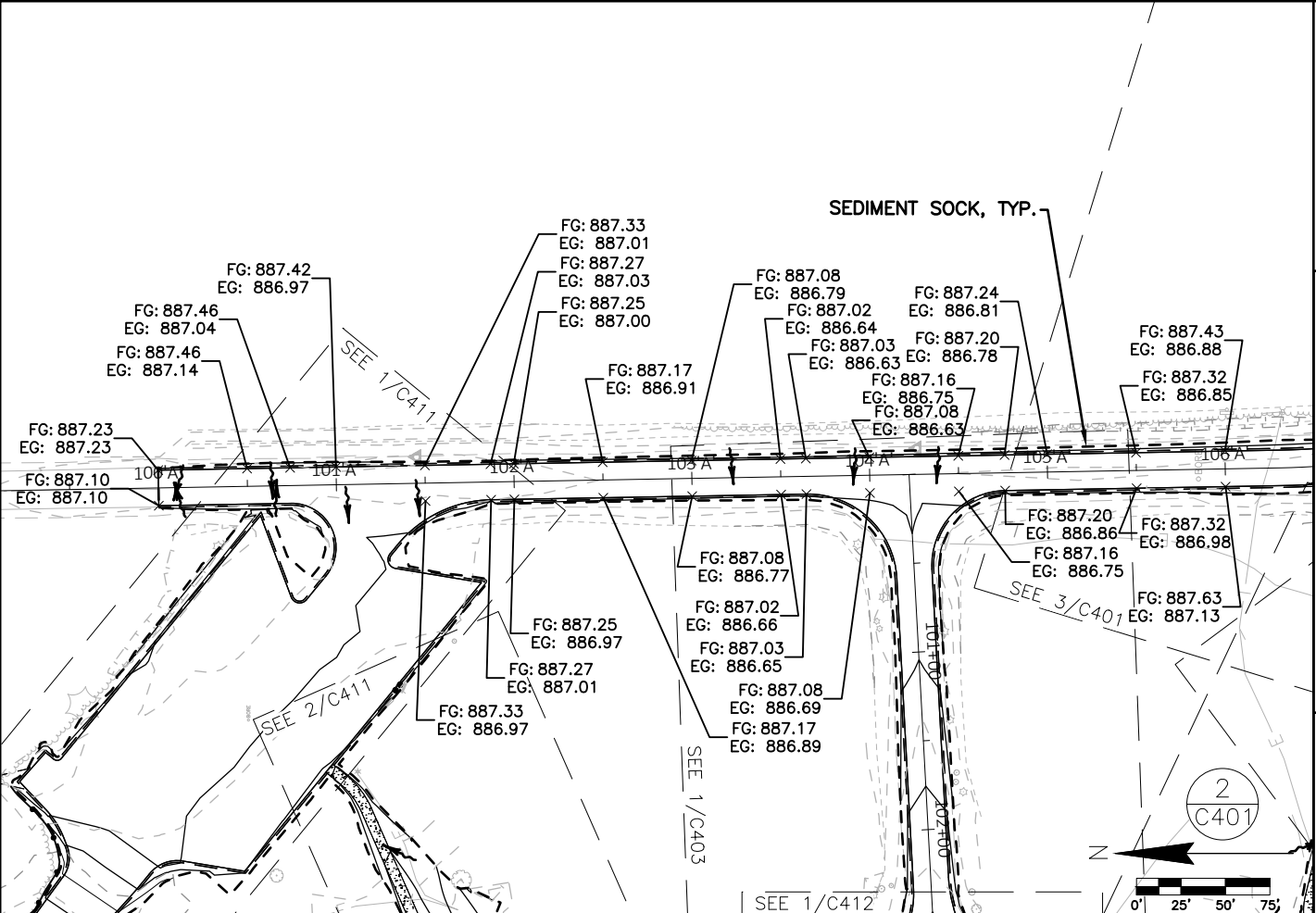
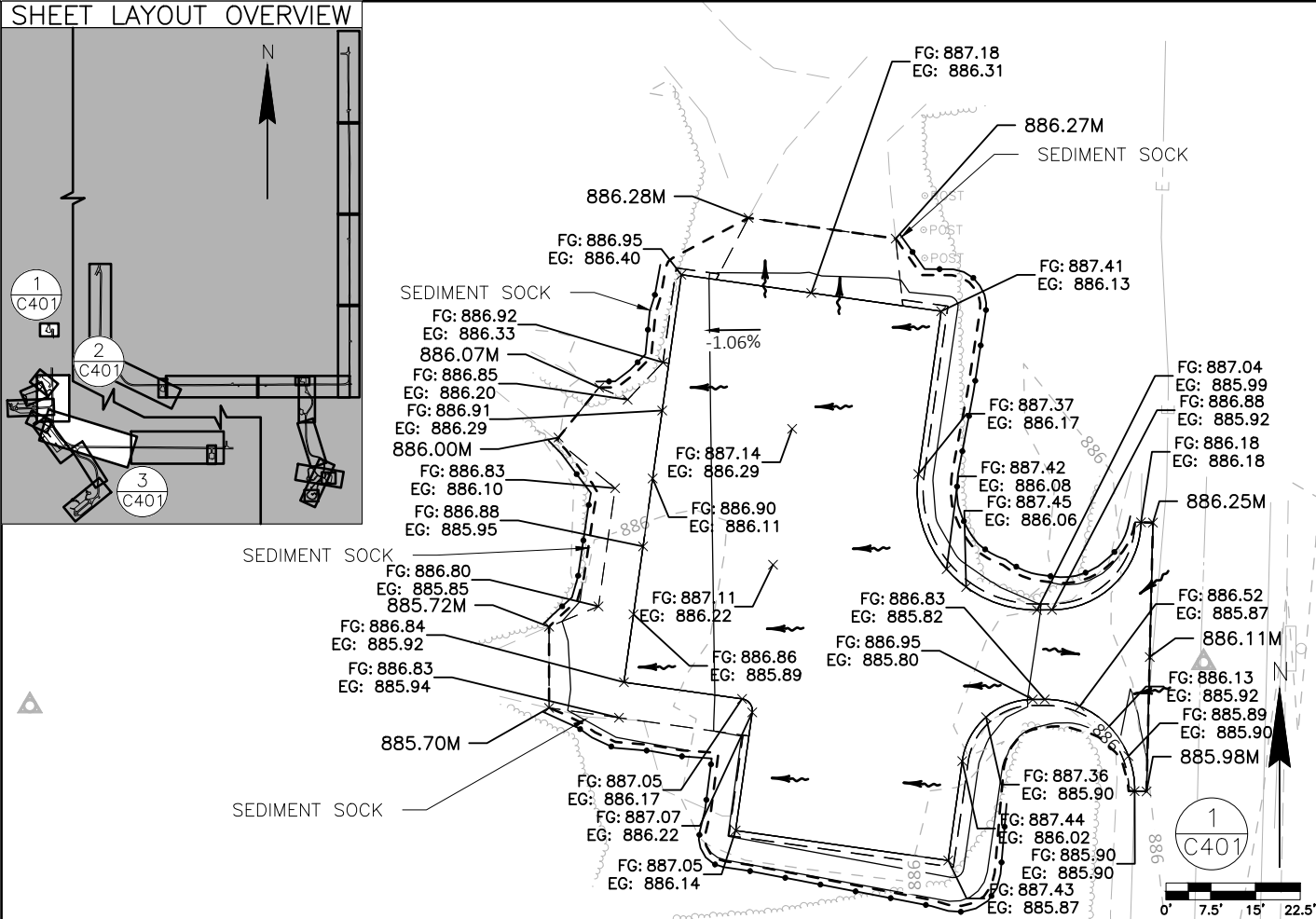
ROADWAY AND PARKING LOT PAVING
BUCKHORN STATE PARK
DEPARTMENT OF NATURAL RESOURCES
TOWN OF GERMANTOWN, WISCONSIN

Sheet Title: **GRADING**

Revisions:		
No.	Date:	Description:

Graphic Scale DFD Number Set Type Date Issued Sheet Number	 NTS
	24G1G
	BD
	11/14/2025
	C400

The diagram, titled "SHEET LAYOUT OVERVIEW", shows the relative positions of three sheets. Sheet 1 (C401) is at the top left, Sheet 2 (C401) is in the center, and Sheet 3 (C401) is at the bottom right. A north arrow points towards the top right. The sheets are connected by lines indicating their layout sequence.



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HORN PARK AVENUE
SMANTOWN, WI 53950

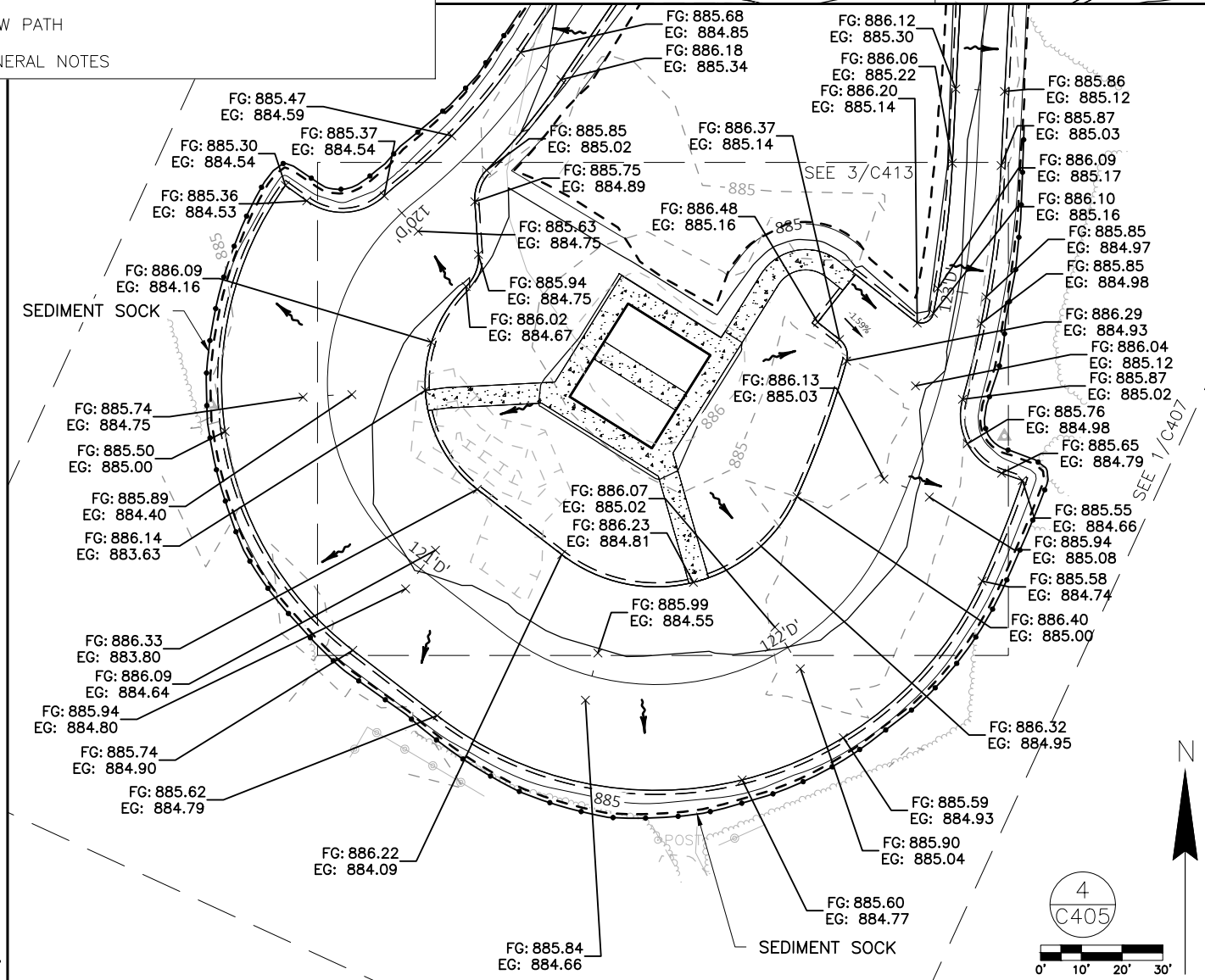
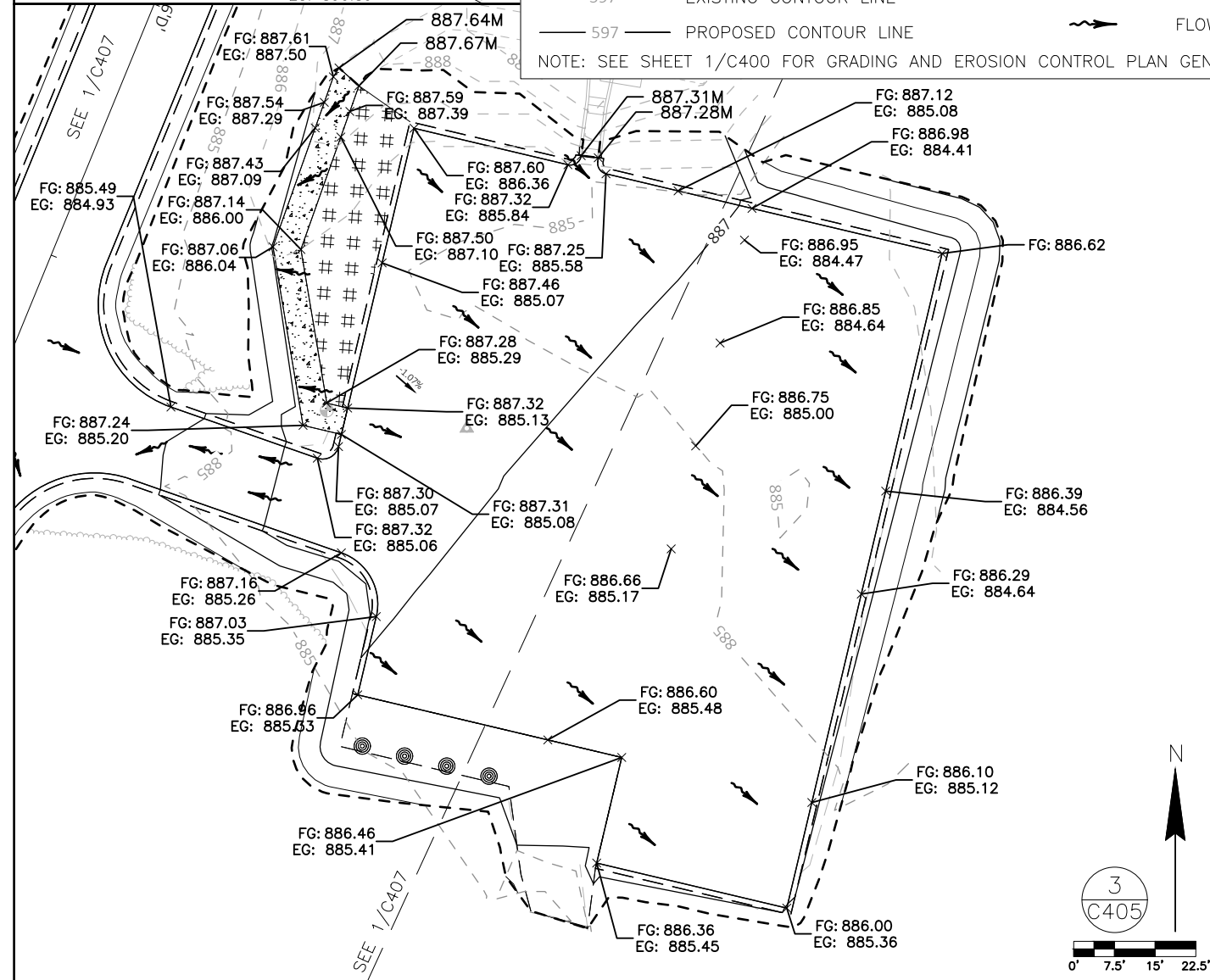
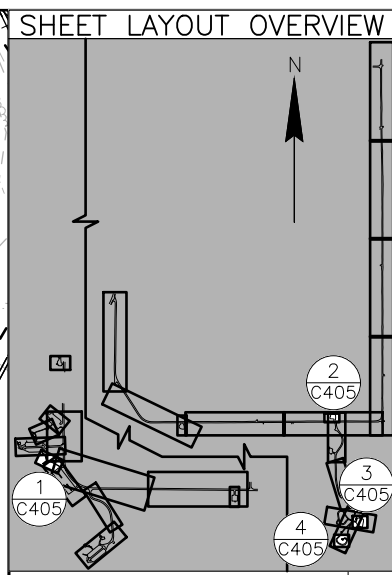


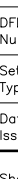
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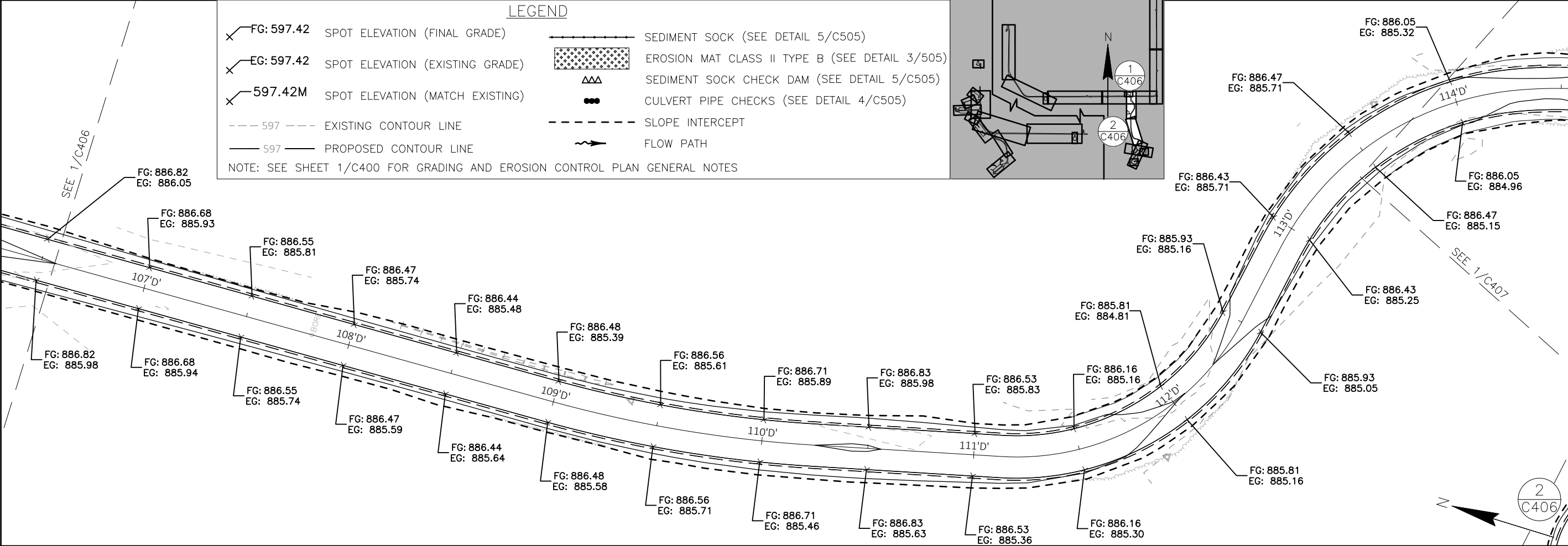
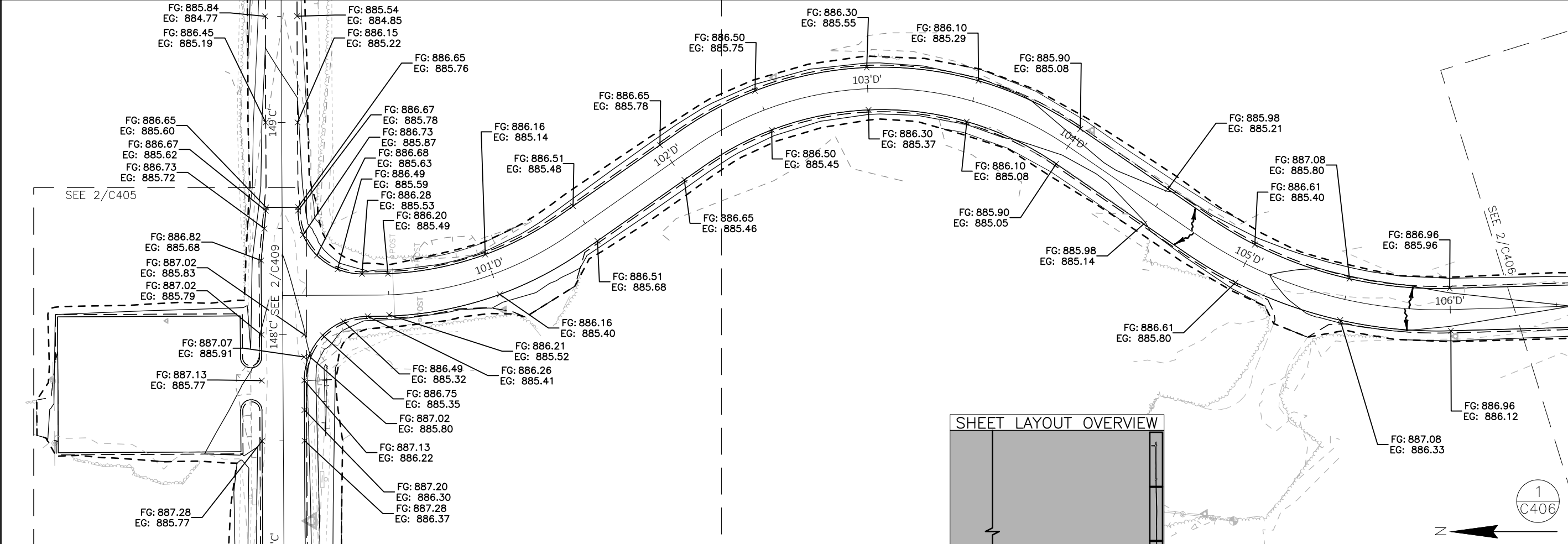
ROADWAY AND PARKING LOT PAVING
BUCKHORN STATE PARK
DEPARTMENT OF NATURAL RESOURCES
TOWN OF GERMANTOWN, WISCONSIN

Sheet Title:
GRADING AND EROSION CONTROL PLAN

Revisions:		
No.	Date:	Description:
Graphic Scale	 VARIES	
DFD Number	24G1G	
Set Type	BD	
Date Issued	11/14/2025	
Sheet Number	C401	



 4854 S. BILTMORE LN. MADISON, WI 53718 PHONE: 608.673.4400 KAPURINC.COM PROJECT NUMBER: 25.0133						 State of Wisconsin Department of Administration Division of Facilities Development						ROADWAY AND PARKING LOT PAVING BUCKHORN STATE PARK DEPARTMENT OF NATURAL RESOURCES TOWN OF GERMANTOWN, WISCONSIN Sheet Title: GRADING AND EROSION CONTROL PLAN					
Revisions:																	
No.	Date:	Description:															
Graphic Scale																	
DFD Number		24G1G															
Set Type		BD															
Date Issued		11/14/2025															
Sheet Number		C405															



LEGEND

FG: 597.42	SPOT ELEVATION (FINAL GRADE)	SEDIMENT SOCK (SEE DETAIL 5/C505)
EG: 597.42	SPOT ELEVATION (EXISTING GRADE)	EROSION MAT CLASS II TYPE B (SEE DETAIL 3/505)
597.42M	SPOT ELEVATION (MATCH EXISTING)	SEDIMENT SOCK CHECK DAM (SEE DETAIL 5/C505)
---	EXISTING CONTOUR LINE	CULVERT PIPE CHECKS (SEE DETAIL 4/C505)
---	PROPOSED CONTOUR LINE	SLOPE INTERCEPT
NOTE: SEE SHEET 1/C400 FOR GRADING AND EROSION CONTROL PLAN GENERAL NOTES		FLOW PATH



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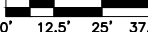
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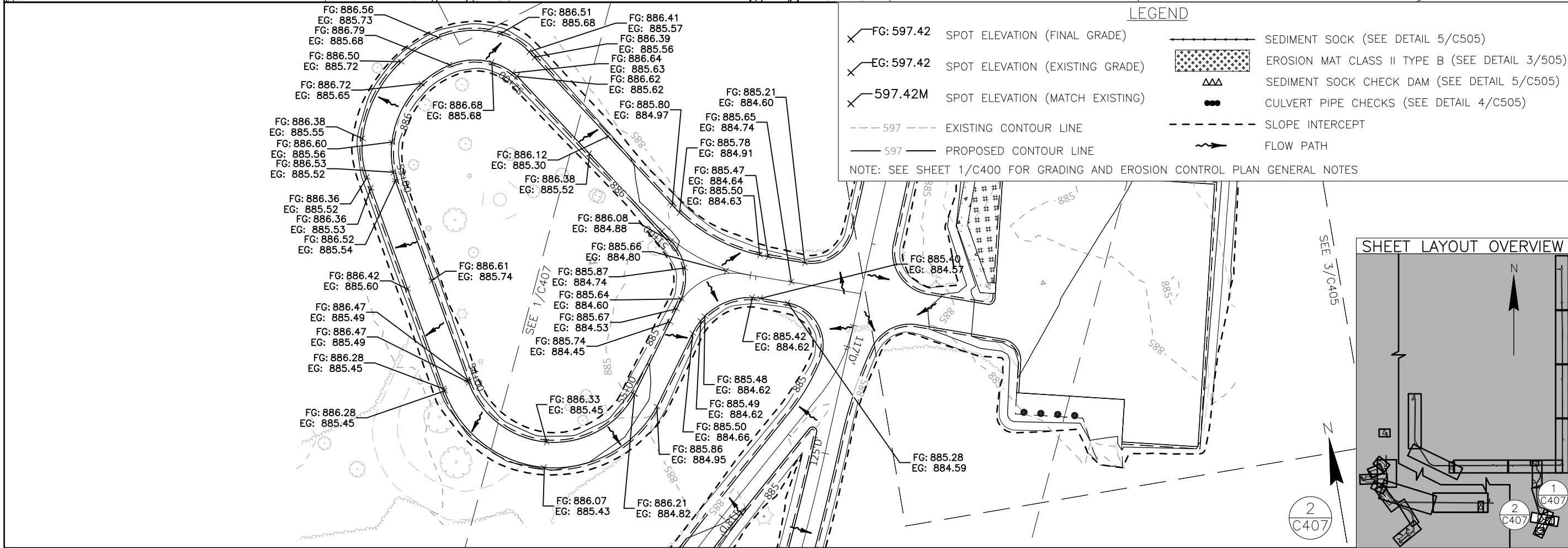
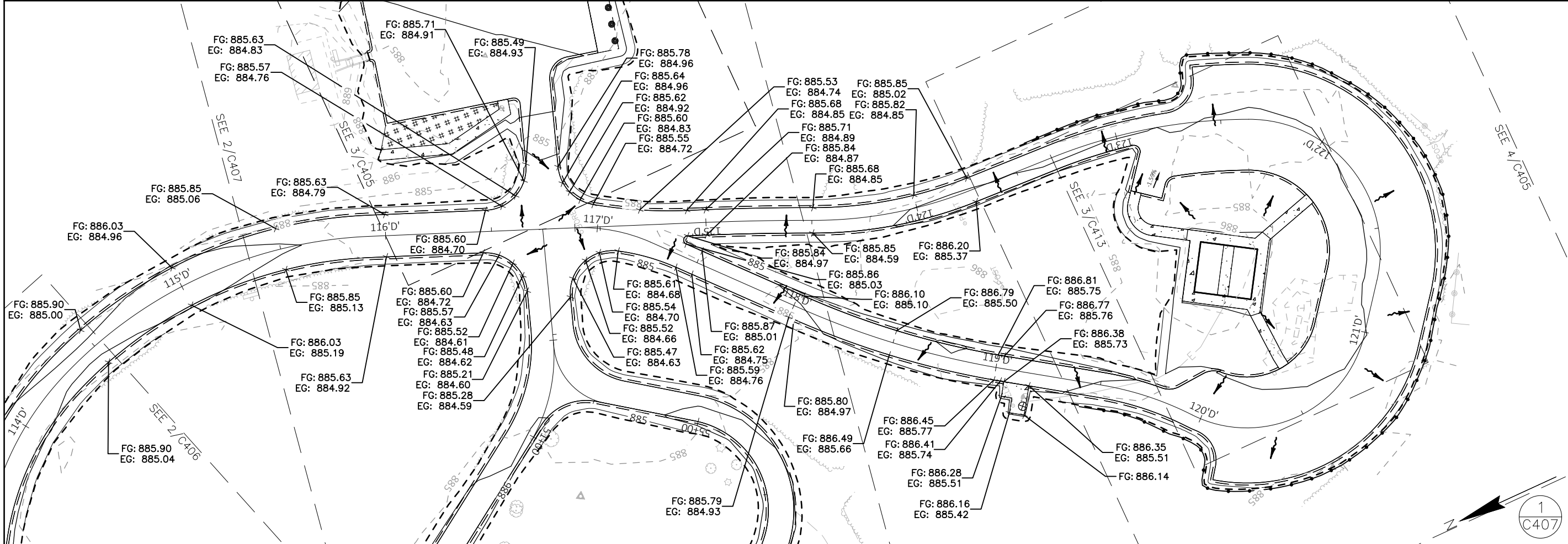


ROADWAY AND PARKING LOT PAVING
BUCKHORN STATE PARK
DEPARTMENT OF NATURAL RESOURCES
TOWN OF GERMANTOWN, WISCONSIN

Sheet Title:
GRADING AND EROSION CONTROL PLAN

Revisions:		
No.	Date:	Description:

Graphic Scale	
DFD Number	24C1G
Set Type	BD
Date Issued	11/14/2025
Sheet Number	C406





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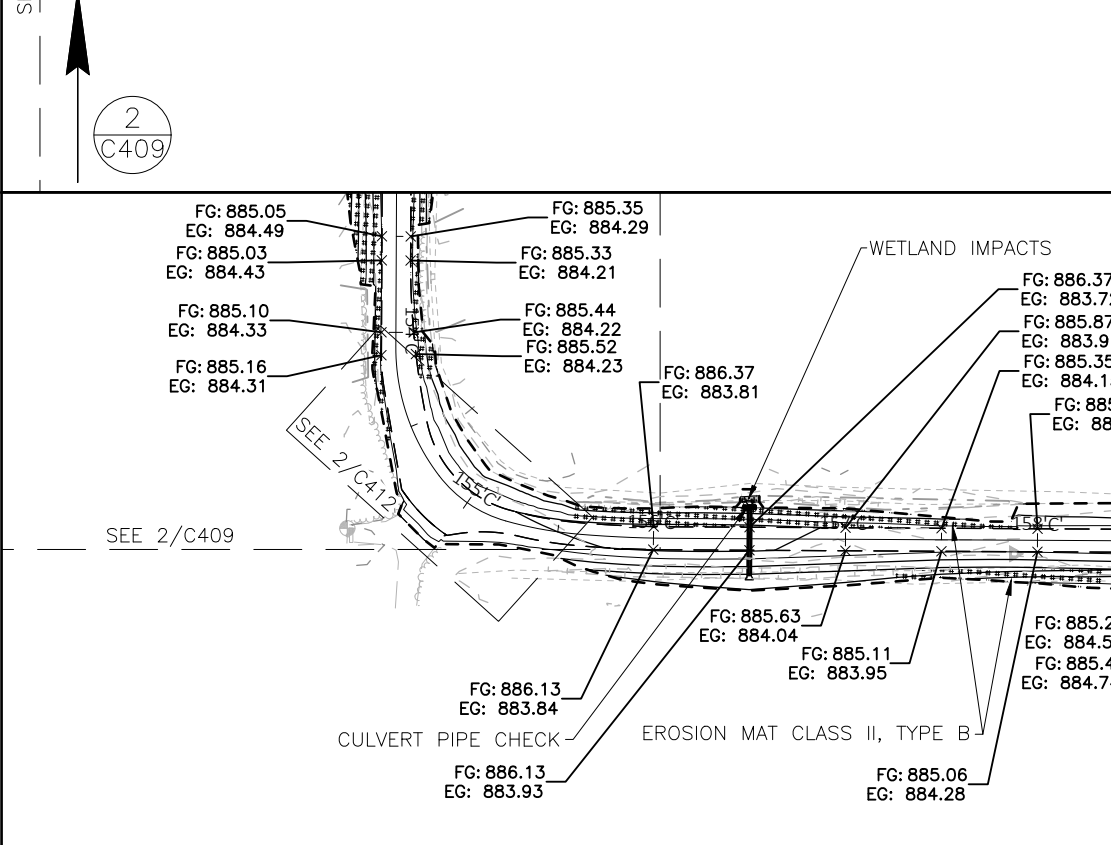
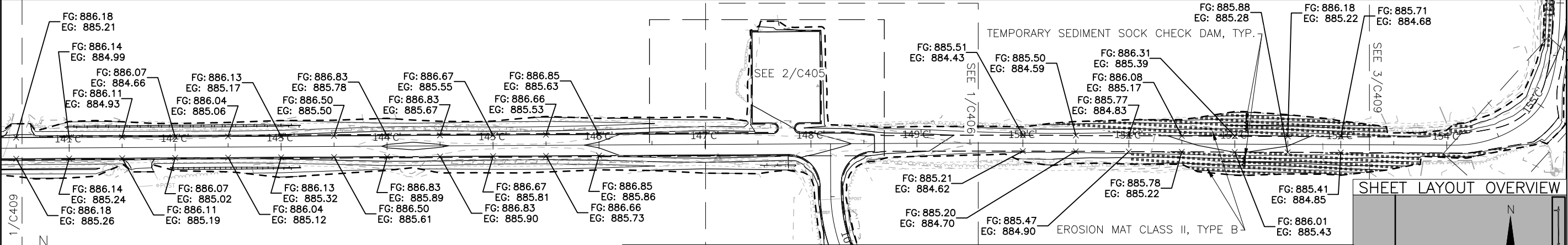
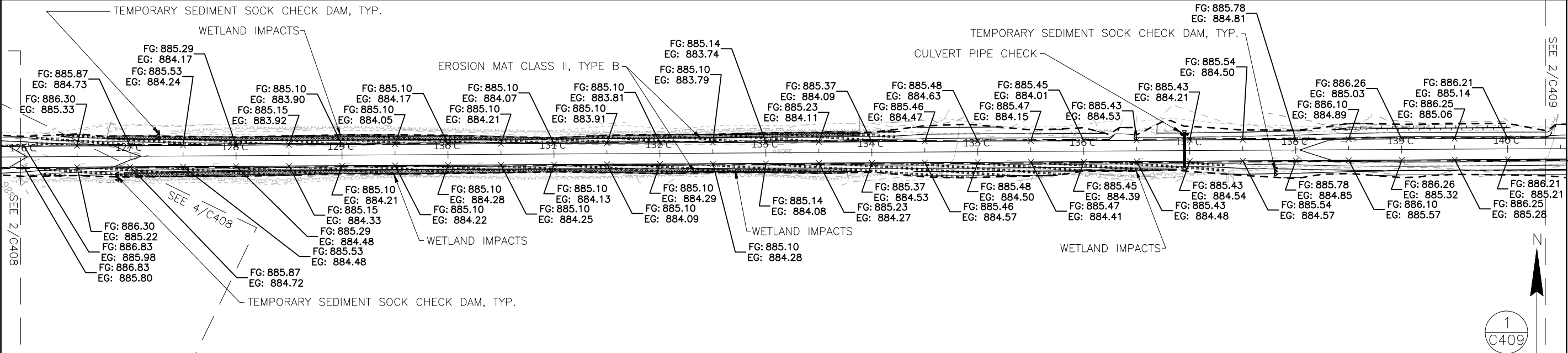


ROADWAY AND PARKING LOT PAVING
BUCKHORN STATE PARK
DEPARTMENT OF NATURAL RESOURCES
TOWN OF GERMANTOWN, WISCONSIN

Sheet Title:
GRADING AND EROSION CONTROL PLAN

Revisions:		
No.	Date:	Description:

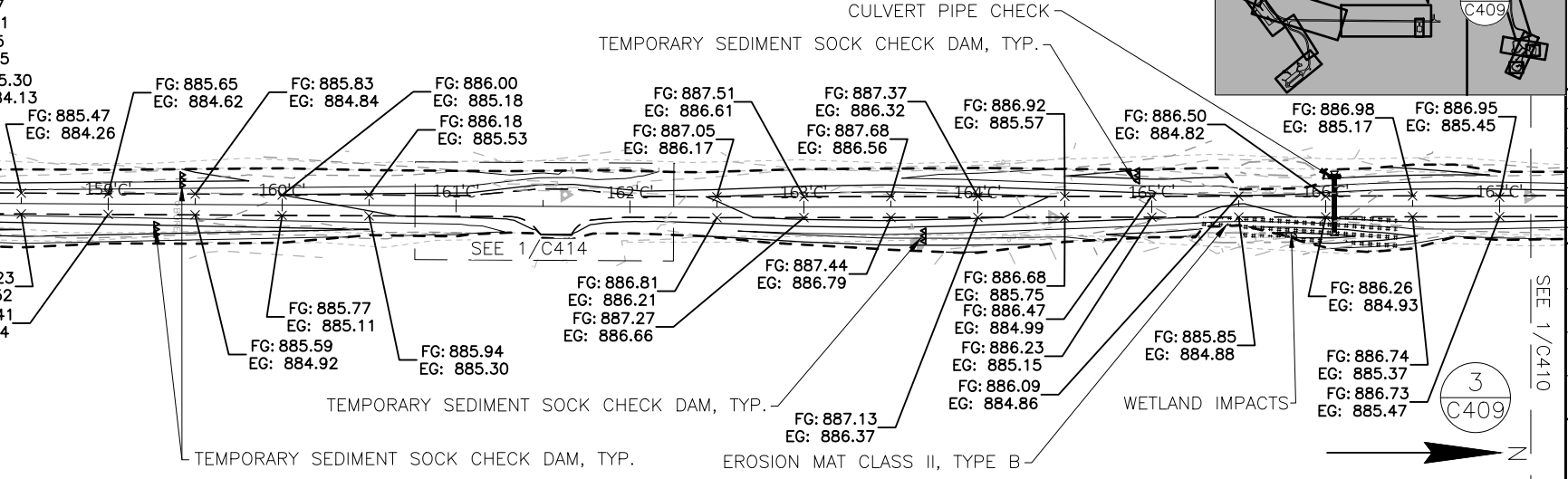
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Set Type	BD
Date Issued	11/14/2025
Sheet Number	C407



LEGEND

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✕ EG: 597.42	SPOT ELEVATION (EXISTING GRADE)		EROSION MAT CLASS II TYPE B (SEE DETAIL 3/505)
✕ 597.42M	SPOT ELEVATION (MATCH EXISTING)		SEDIMENT SOCK CHECK DAM (SEE DETAIL 5/C505)
---	EXISTING CONTOUR LINE		CULVERT PIPE CHECKS (SEE DETAIL 4/C505)
---	PROPOSED CONTOUR LINE	---	SLOPE INTERCEPT
			FLOW PATH

NOTE: SEE SHEET 1/C400 FOR GRADING AND EROSION CONTROL PLAN GENERAL NOTES



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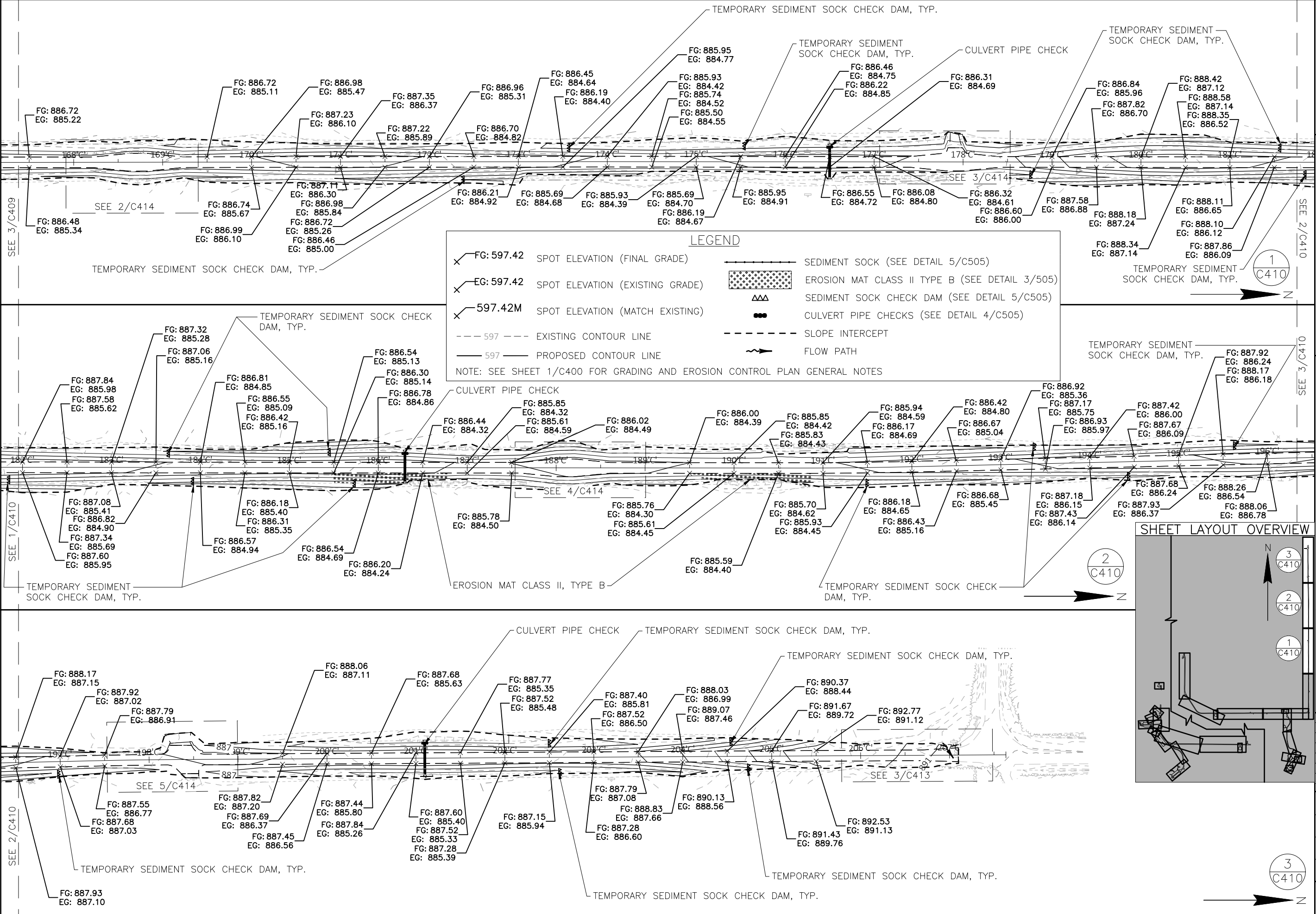
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ROADWAY AND PARKING LOT PAVING
BUCKHORN STATE PARK
DEPARTMENT OF NATURAL RESOURCES
TOWN OF GERMANTOWN, WISCONSIN

Sheet Title:
GRADING AND EROSION CONTROL PLAN

Revisions:	
No.	Description:

Graphic Scale	
DFD Number	24C1G
Set Type	BD
Date Issued	11/14/2025
Sheet Number	C409



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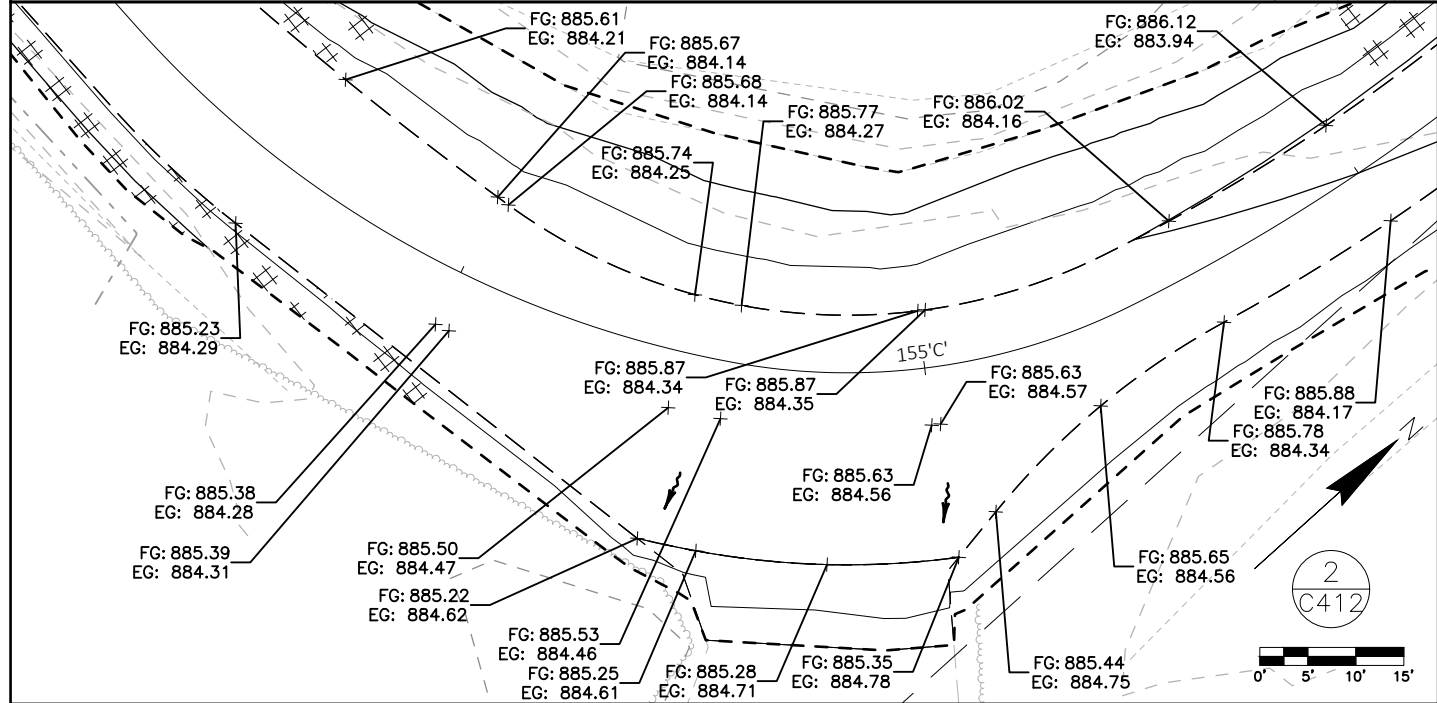
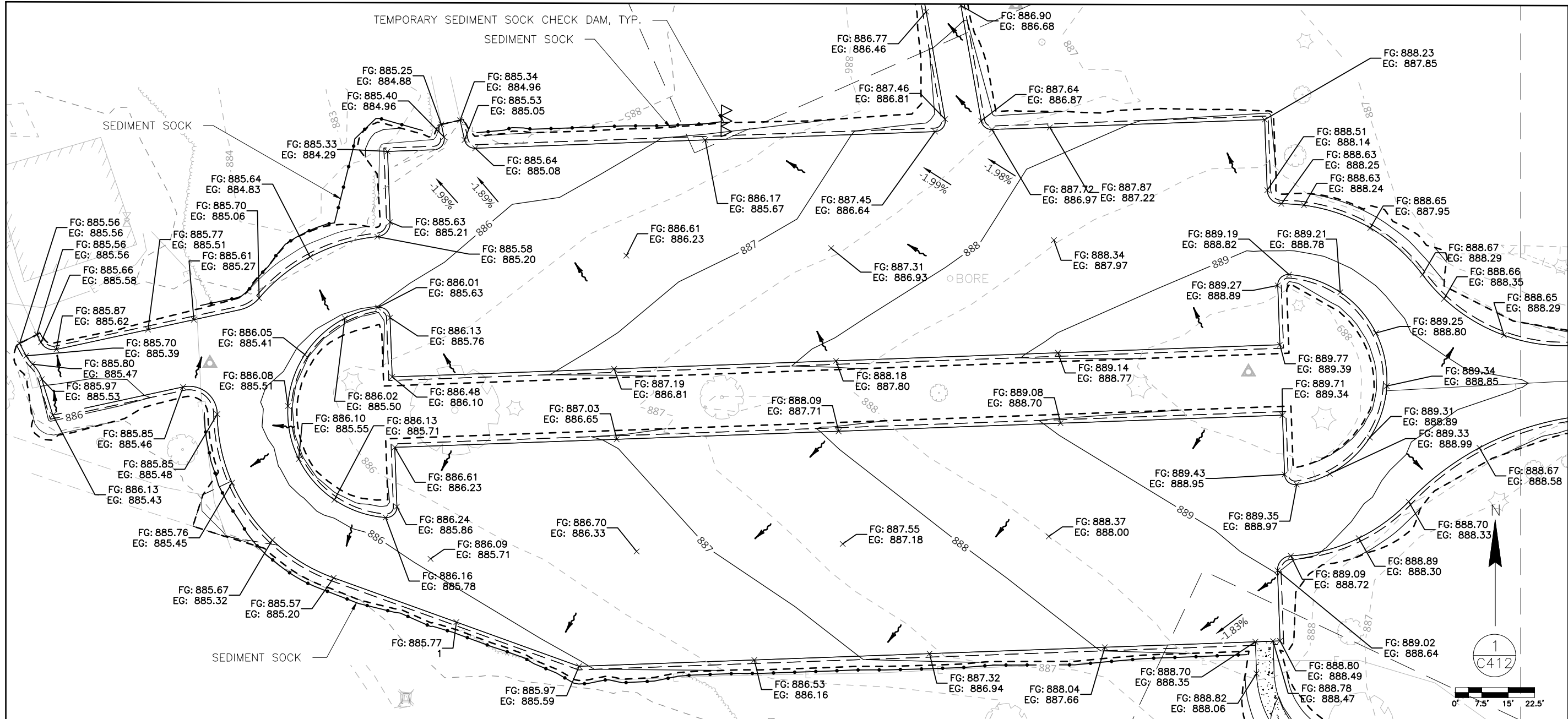
State of Wisconsin
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Division of Facilities Development

ROADWAY AND PARKING LOT PAVING
BUCKHORN STATE PARK
DEPARTMENT OF NATURAL RESOURCES
TOWN OF GERMANTOWN, WISCONSIN

Sheet Title:
GRADING AND EROSION CONTROL PLAN

Revisions:	
No.	Date: Description:

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DFD Number	24C1G
Set Type	BD
Date Issued	11/14/2025
Sheet Number	C410



LEGEND

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	597.42M	SPOT ELEVATION (MATCH EXISTING)		SEDIMENT SOCK CHECK DAM (SEE DETAIL 5/C505)
	--- 597 ---	EXISTING CONTOUR LINE		CULVERT PIPE CHECKS (SEE DETAIL 4/C505)
	— 597 —	PROPOSED CONTOUR LINE		SLOPE INTERCEPT
NOTE: SEE SHEET 1/C400 FOR GRADING AND EROSION CONTROL PLAN GENERAL NOTES				FLOW PATH

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ROADWAY AND PARKING LOT PAVING
BUCKHORN STATE PARK
DEPARTMENT OF NATURAL RESOURCES
TOWN OF GERMANTOWN, WISCONSIN

Sheet Title:
GRADING AND EROSION CONTROL PLAN

Revisions:	
No.	Date: Description:
Graphic Scale	
DFD Number	24C1G
Set Type	BD
Date Issued	11/14/2025
Sheet Number	C412

FG: 597.42
EG: 597.42
597.42M

SPOT ELEVATION (FINAL GRADE)
SPOT ELEVATION (EXISTING GRADE)
SPOT ELEVATION (MATCH EXISTING)

EXISTING CONTOUR LINE
PROPOSED CONTOUR LINE

NOTE: SEE SHEET 1/C400 FOR GRADING AND EROSION CONTROL PLAN GENERAL NOTES

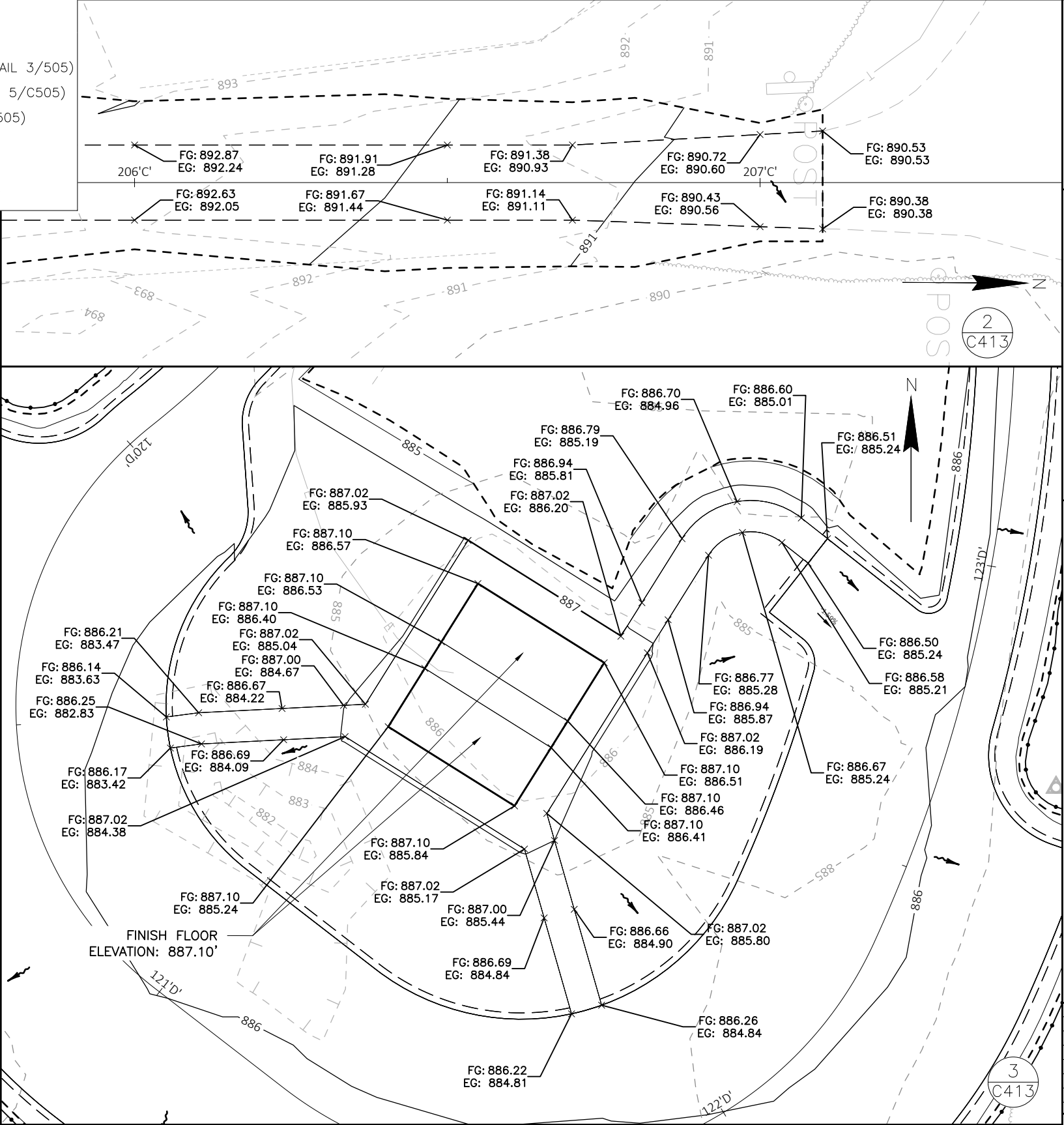
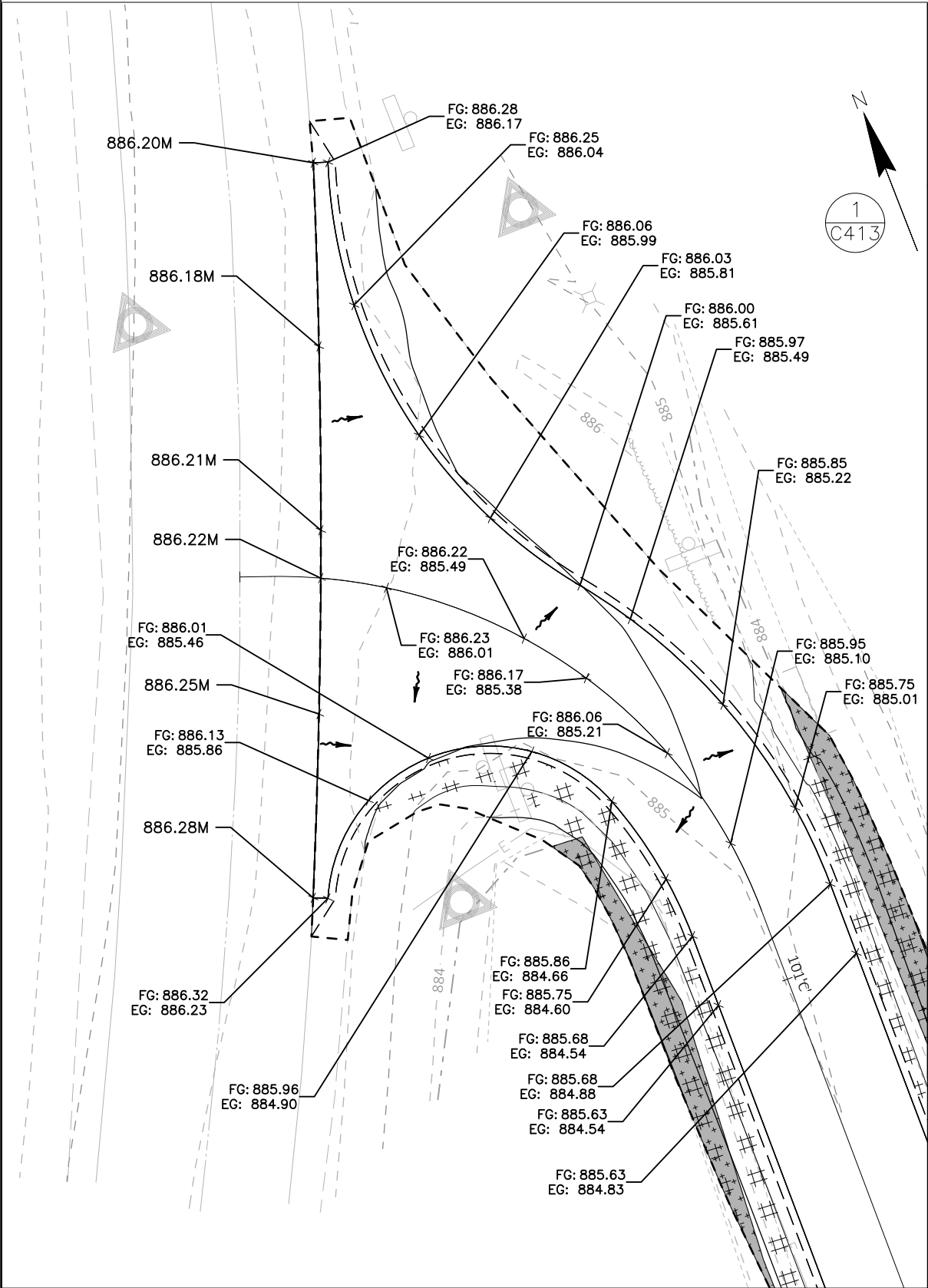
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EROSION MAT CLASS II TYPE B (SEE DETAIL 3/505)

SEDIMENT SOCK CHECK DAM (SEE DETAIL 5/C505)

CULVERT PIPE CHECKS (SEE DETAIL 4/C505)

SLOPE INTERCEPT
FLOW PATH



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ROADWAY AND PARKING LOT PAVING
BUCKHORN STATE PARK
DEPARTMENT OF NATURAL RESOURCES
TOWN OF GERMANTOWN, WISCONSIN

Sheet Title:
GRADING AND EROSION CONTROL PLAN

Revisions:

No.	Date:	Description:

Graphic Scale

0' 5' 10' 15'

DFD Number

24C1G

Set Type

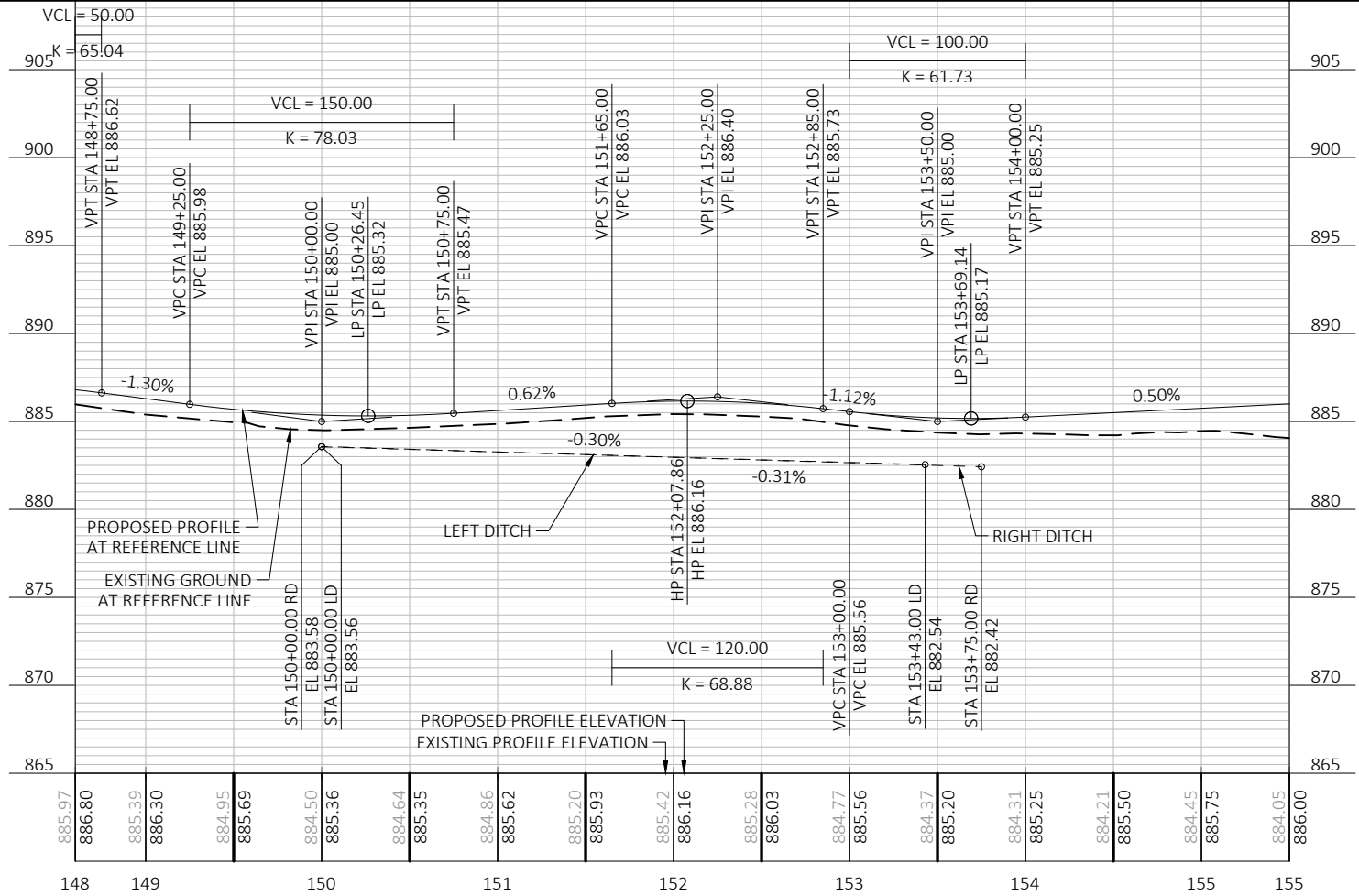
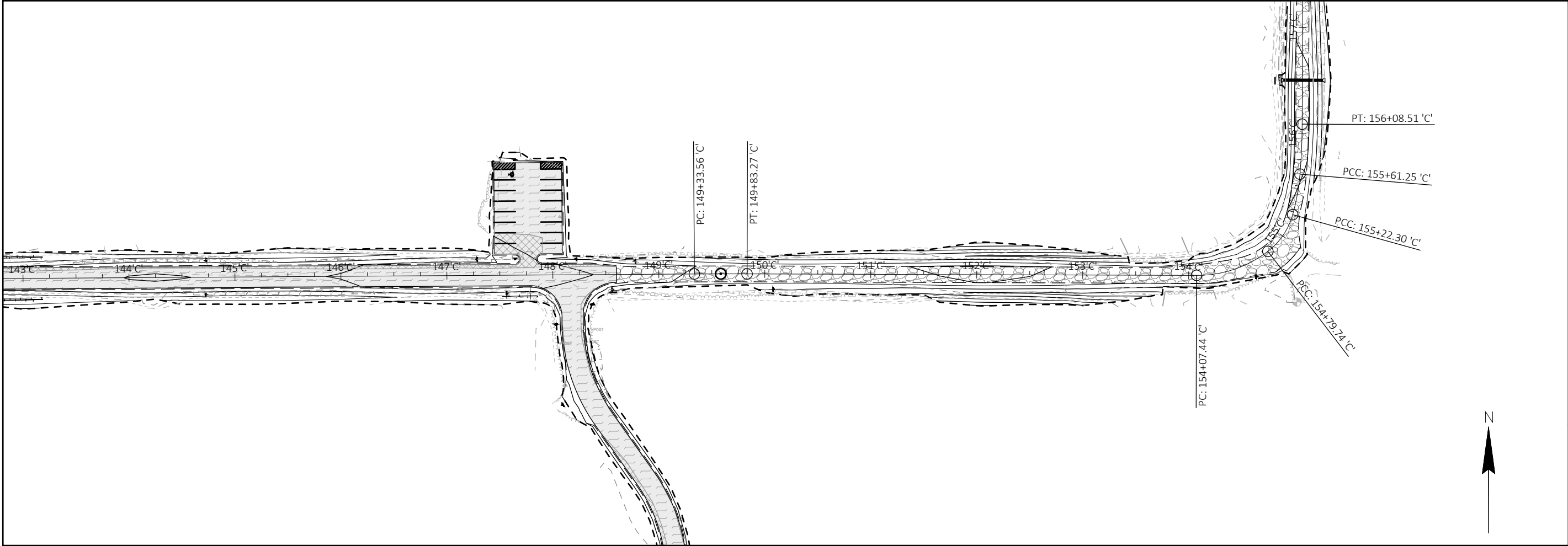
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Date Issued

11/14/2025

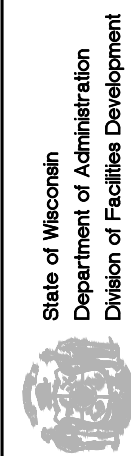
Sheet Number

C413





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PROJECT NUMBER: 25.0133



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ROADWAY AND PARKING LOT PAVING
BUCKHORN STATE PARK
DEPARTMENT OF NATURAL RESOURCES
TOWN OF GERMANTOWN, WISCONSIN

Revisions:

No.	Date:	Description:

Graphic Scale



DFD Number

24G1G

Set Type

BD

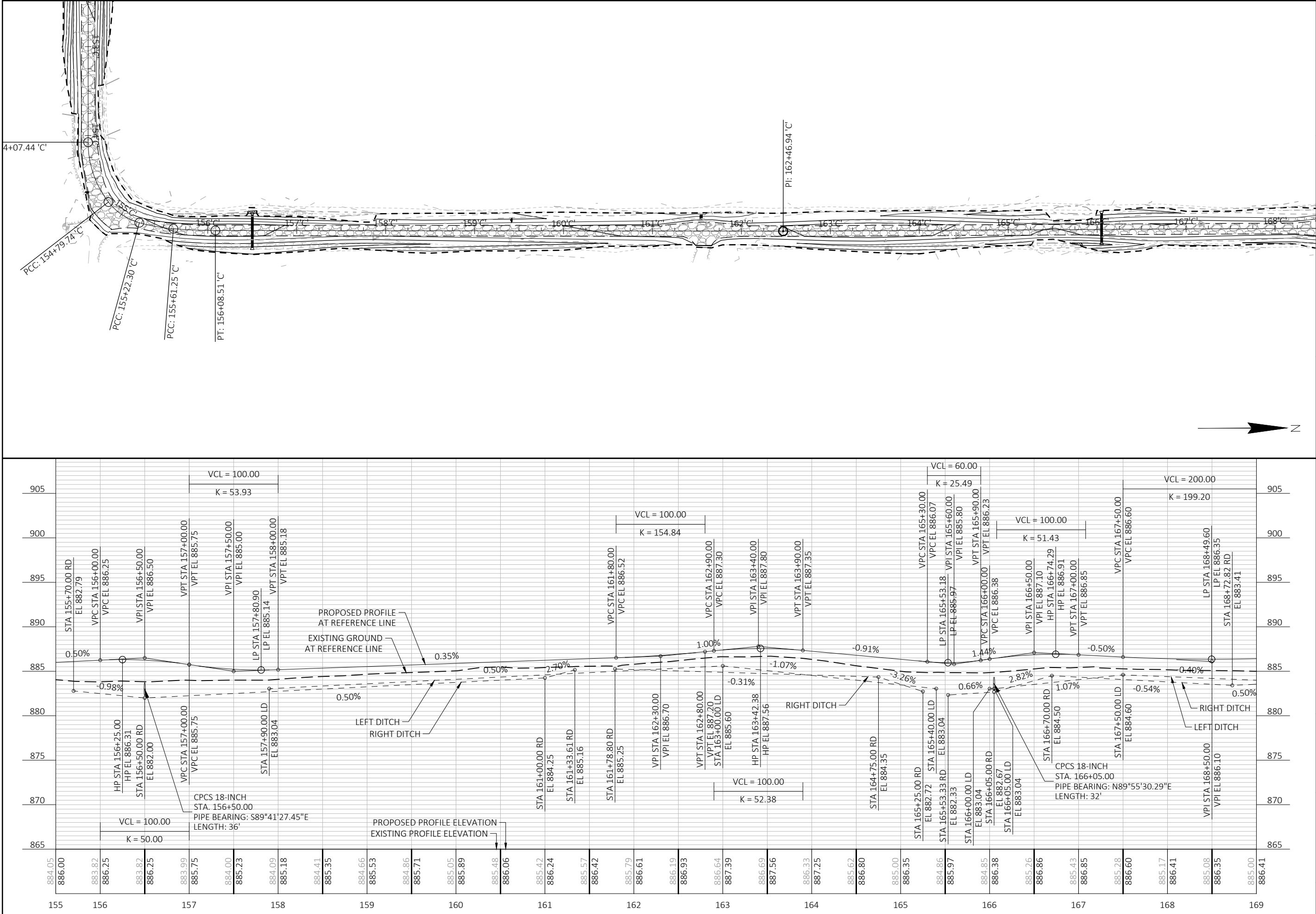
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11/14/2025

Sheet Number

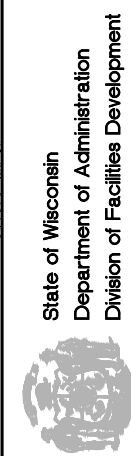
C450

PLAN AND PROFILE - ALIGNMENT 'C'





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MADISON, WI 53718
PHONE: 608.873.4400
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PROJECT NUMBER: 25.0133



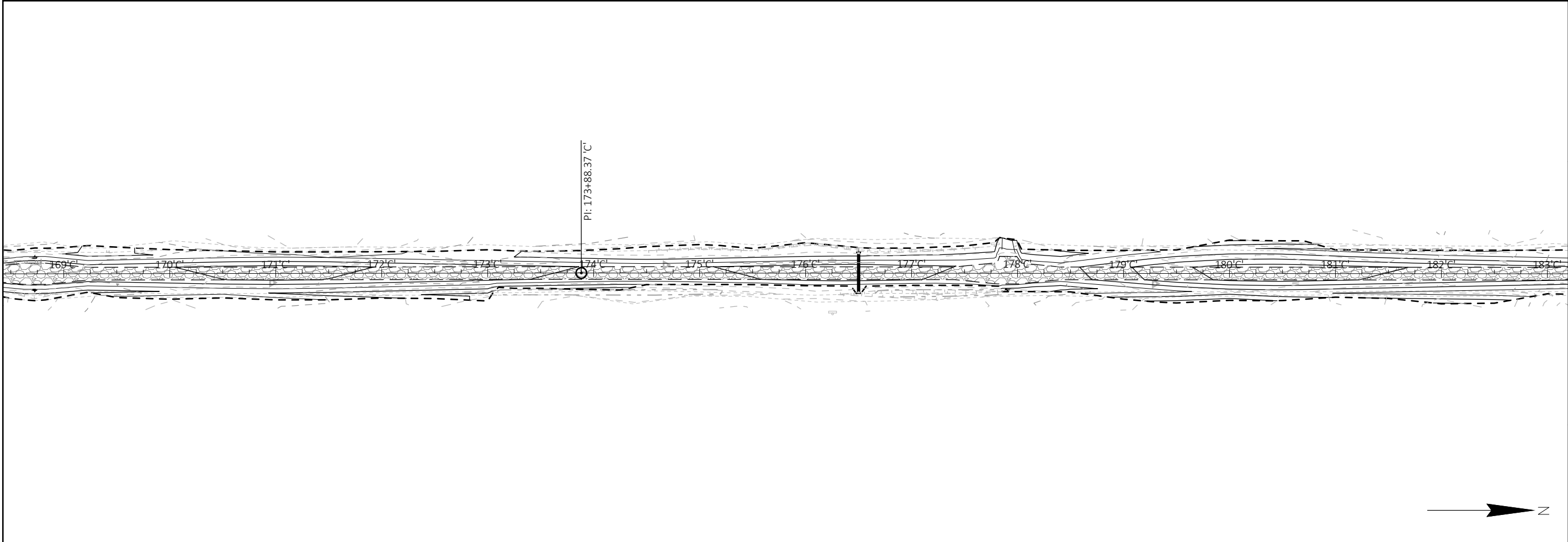
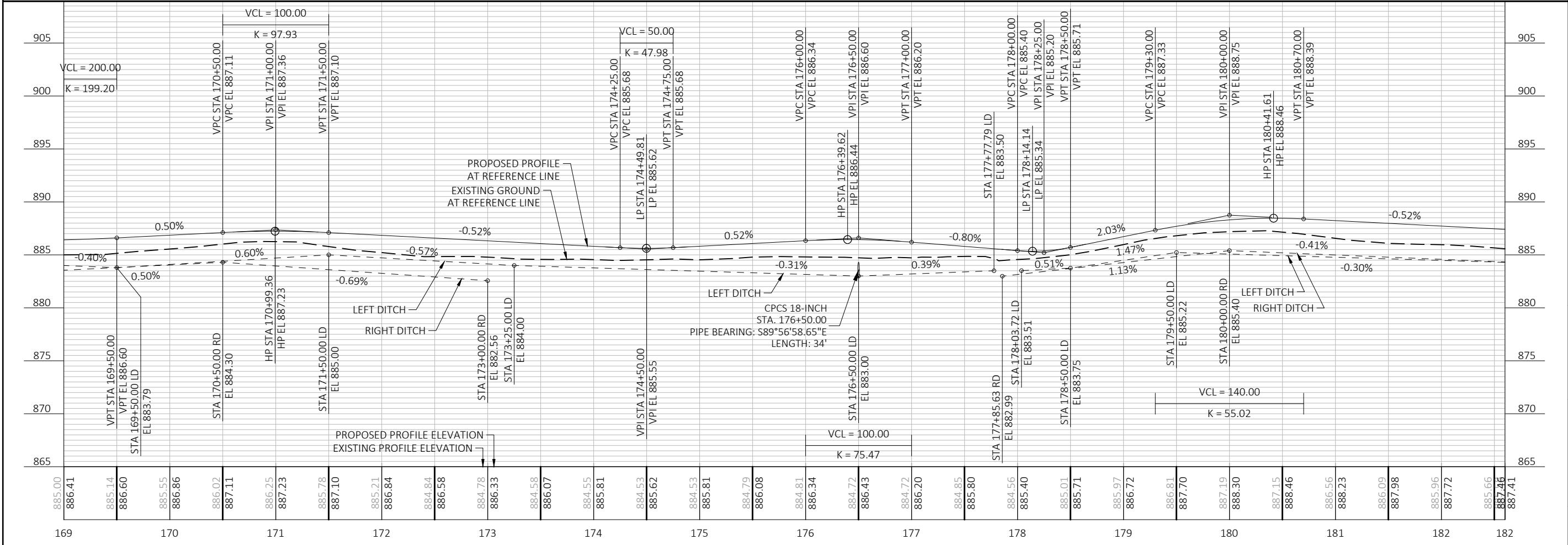
State of Wisconsin
Department of Administration
Division of Facilities Development

ROADWAY AND PARKING LOT PAVING
BUCKHORN STATE PARK
DEPARTMENT OF NATURAL RESOURCES
TOWN OF GERMANTOWN, WISCONSIN

Sheet Title:
PLAN AND PROFILE - ALIGNMENT 'C'

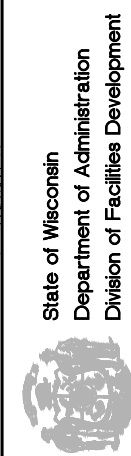
Revisions:		
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Set Type	BD
Date Issued	11/14/2025
Sheet Number	C451





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PROJECT NUMBER: 25.0133



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W8450 BUCKHORN PARK AVENUE
TOWN OF GERMANTOWN, WI 53950

ROADWAY AND PARKING LOT PAVING
BUCKHORN STATE PARK
DEPARTMENT OF NATURAL RESOURCES
TOWN OF GERMANTOWN, WISCONSIN

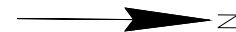
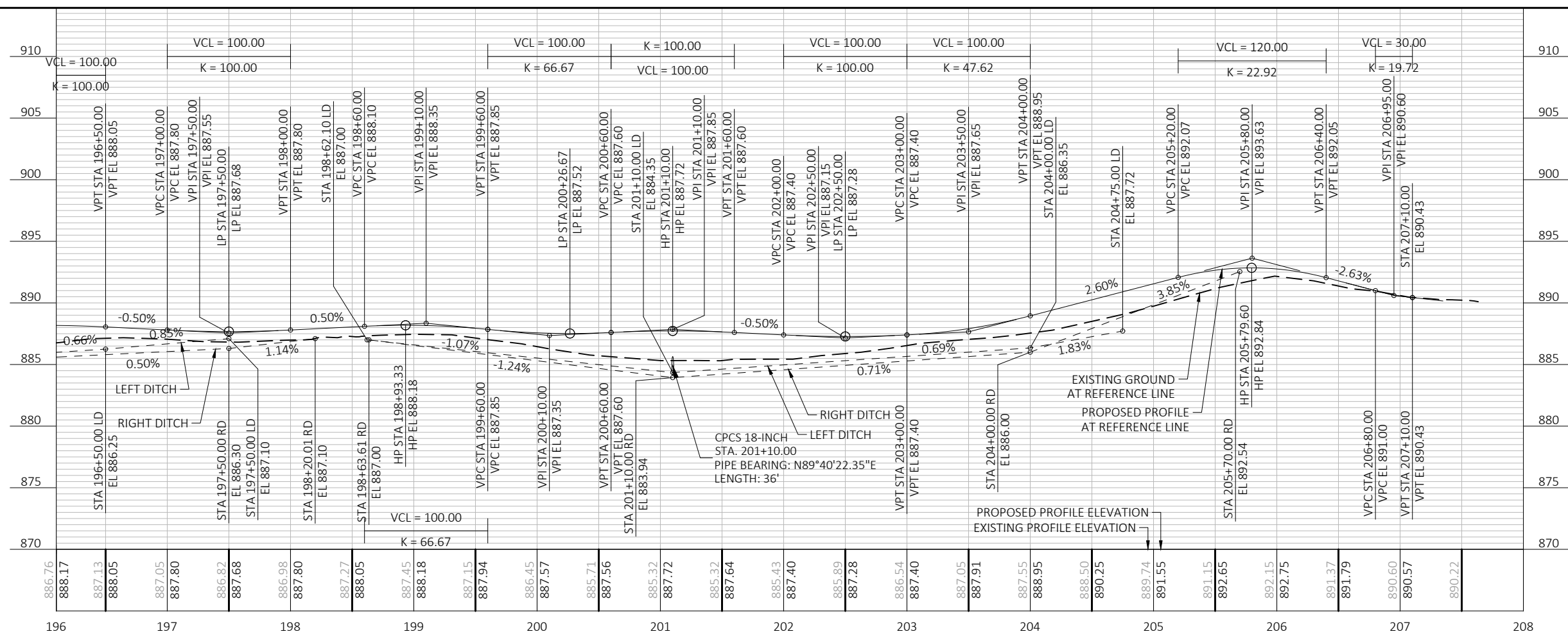
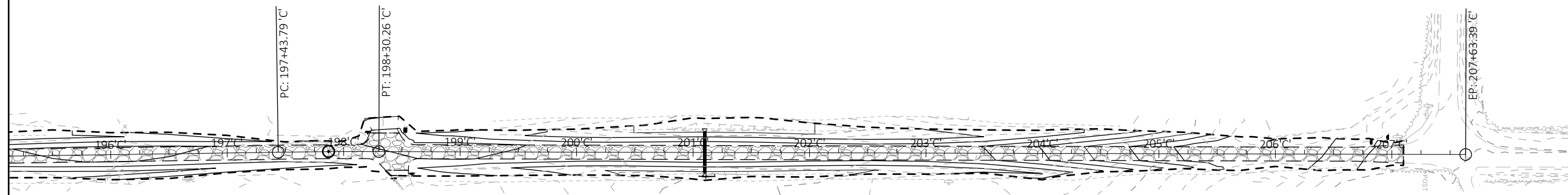
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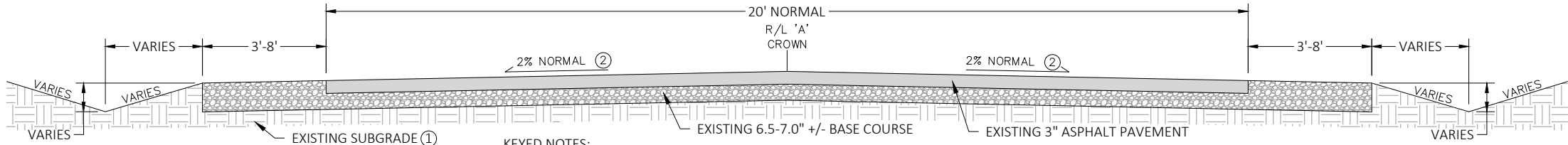
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Date Issued

24G1G
BD
11/14/2025

Sheet Number
C452

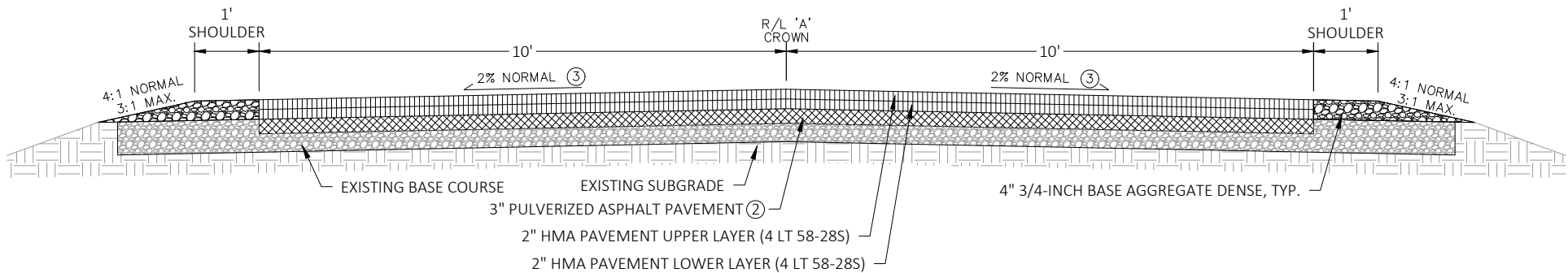


EXISTING TYPICAL SECTION
19TH AVENUE AND 36TH STREET
STA. 100+00 'A' - STA. 135+80 'A'



- KEYED NOTES:
① SEE GEOTECHNICAL REPORTS FOR SUBGRADE INFORMATION.
② 2% - 3% SUPERELEVATION STA. 106+00 'A' - STA. 114+00 'A'

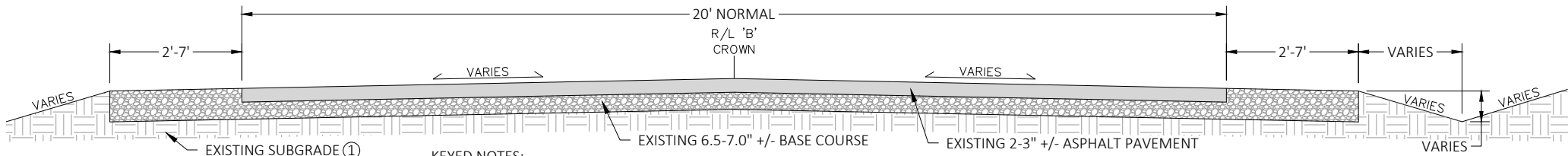
PROPOSED TYPICAL SECTION
19TH AVENUE AND 36TH STREET
STA. 100+00 'A' - STA. 135+80 'A'



- KEYED NOTES:
① SEE GEOTECHNICAL REPORTS FOR PAVEMENT, BASE, AND SUBGRADE INFORMATION.
② VARY THE PULVERIZATION DEPTH SUCH THAT THE EXISTING ASPHALT IS FULLY PULVERIZED AND THE NATIVE SOIL AND THE PULVERIZED MATERIAL DO NOT MIX.
③ SEE ALIGNMENT DIAGRAM FOR SUPERELEVATION INFORMATION.

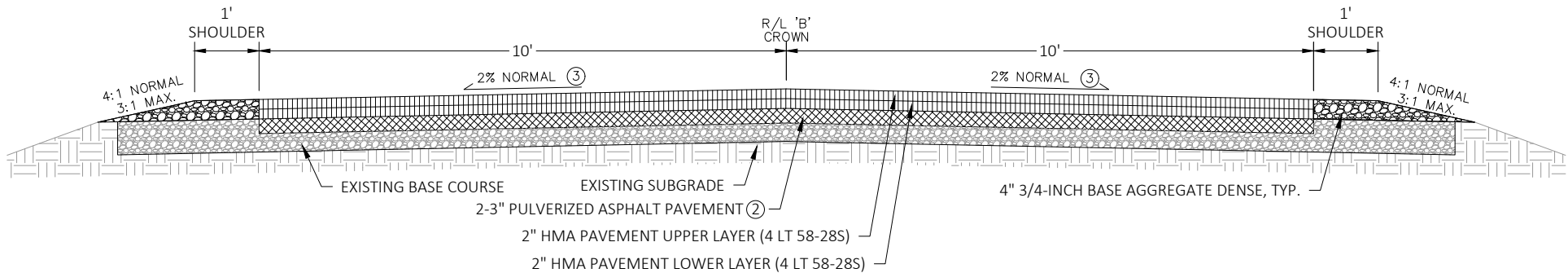
1 TYPICAL SECTIONS - 19TH AVENUE AND 36TH STREET
C500

EXISTING TYPICAL SECTION
SOUTH PARKING LOT ACCESS ROAD
STA. 100+00 'B' - STA. 109+98 'B'



- KEYED NOTES:
① SEE GEOTECHNICAL REPORTS FOR SUBGRADE INFORMATION.

PROPOSED TYPICAL SECTION
SOUTH PARKING LOT ACCESS ROAD
STA. 100+00 'B' - STA. 109+98 'B'



- KEYED NOTES:
① SEE GEOTECHNICAL REPORTS FOR PAVEMENT, BASE, AND SUBGRADE INFORMATION.
② VARY THE PULVERIZATION DEPTH SUCH THAT THE EXISTING ASPHALT IS FULLY PULVERIZED AND THE NATIVE SOIL AND THE PULVERIZED MATERIAL DO NOT MIX.
③ SEE ALIGNMENT DIAGRAM FOR SUPERELEVATION INFORMATION.

2 TYPICAL SECTIONS - SOUTH PARKING LOT ACCESS ROAD
C500



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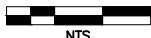
ROADWAY AND PARKING LOT PAVING
BUCKHORN STATE PARK
DEPARTMENT OF NATURAL RESOURCES
TOWN OF GERMANTOWN, WISCONSIN

Sheet Title:
CIVIL DETAILS

Revisions:

No.	Date:	Description:

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Type

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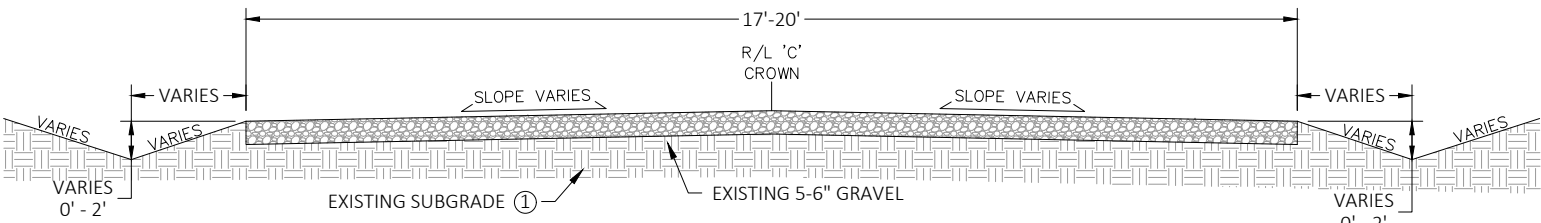
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Issued

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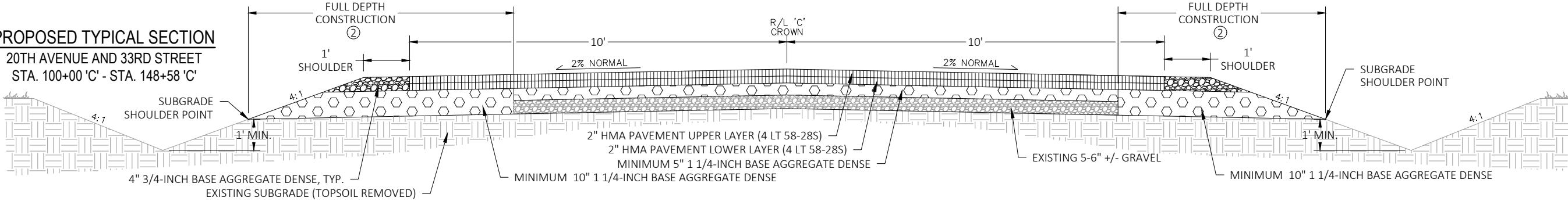
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Number

C500

EXISTING TYPICAL SECTION
20TH AVENUE AND 33RD STREET
STA. 100+00 'C' - STA. 148+58 'C'



PROPOSED TYPICAL SECTION
20TH AVENUE AND 33RD STREET
STA. 100+00 'C' - STA. 148+58 'C'

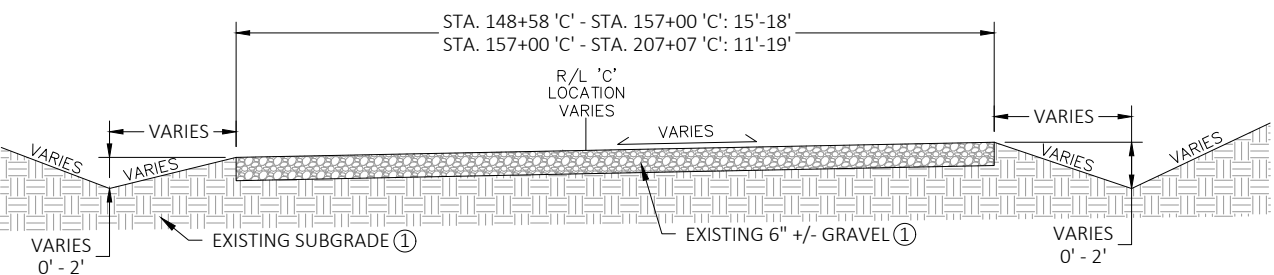


- KEYED NOTES:
① SEE GEOTECHNICAL REPORTS FOR SUBGRADE INFORMATION.
② USE FULL DEPTH CONSTRUCTION SECTION FOR THE WIDTH OF ROADWAY OUTSIDE EXISTING GRAVEL ROADWAY LIMITS.

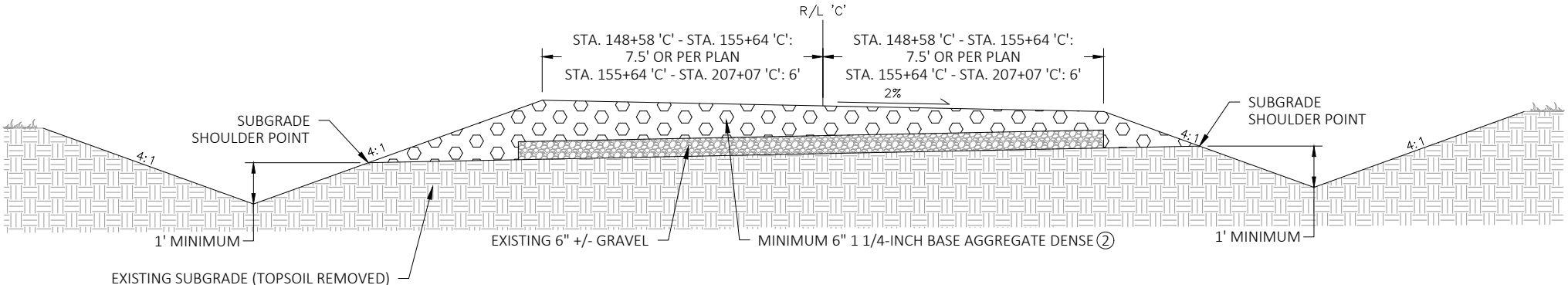
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1 TYPICAL SECTIONS - 20TH AVENUE AND 33RD STREET
C501

EXISTING TYPICAL SECTION
33RD STREET AND 22ND AVENUE
STA. 148+58 'C' - STA. 207+07 'C'



PROPOSED TYPICAL SECTION
33RD STREET AND 22ND AVENUE
STA. 148+60 'C' - STA. 207+07 'C'



- KEYED NOTES:
① SEE GEOTECHNICAL REPORTS FOR SUBGRADE INFORMATION.
② EXCAVATE AS NEEDED TO PROVIDE A 12-INCH GRAVEL SECTION THROUGH ALL GRAVEL ROADWAY AREAS.

NTS

2 TYPICAL SECTIONS - 33RD STREET AND 22ND AVENUE
C501

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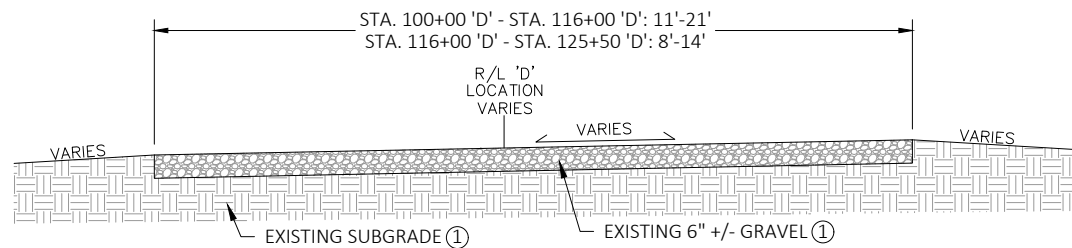


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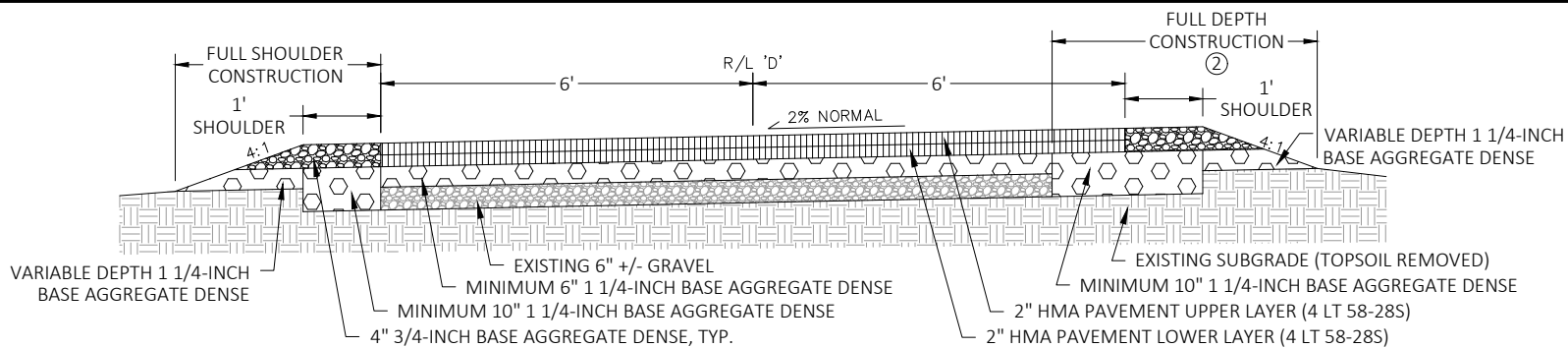
ROADWAY AND PARKING LOT PAVING
BUCKHORN STATE PARK
DEPARTMENT OF NATURAL RESOURCES
TOWN OF GERMANTOWN, WISCONSIN

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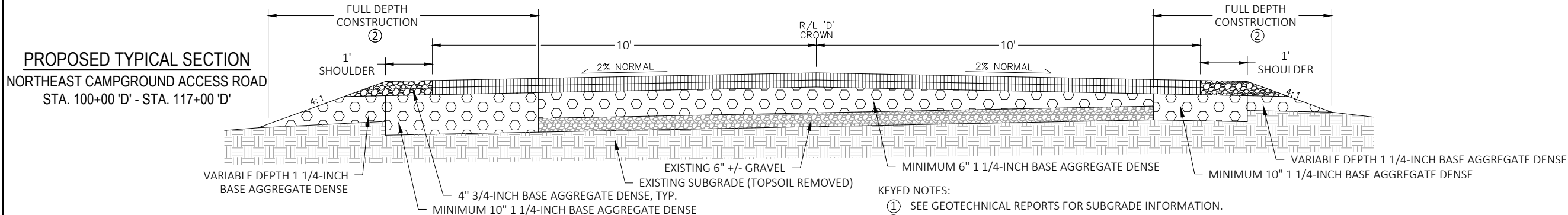
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DFD Number	24G1G	
Set Type	BD	
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Sheet Number	C501	



EXISTING TYPICAL SECTION
NORTHEAST CAMPGROUND ACCESS ROAD
STA. 100+00 'D' - STA. 125+50 'D'



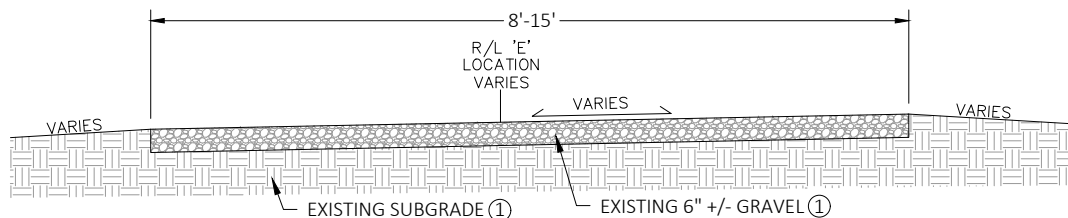
PROPOSED TYPICAL SECTION
NORTHEAST CAMPGROUND ACCESS ROAD
STA. 117+00 'D' - STA. 125+50 'D'



- KEYED NOTES:
- ① SEE GEOTECHNICAL REPORTS FOR SUBGRADE INFORMATION.
 - ② USE FULL DEPTH CONSTRUCTION SECTION FOR THE WIDTH OF ROADWAY OUTSIDE EXISTING GRAVEL ROADWAY LIMITS.

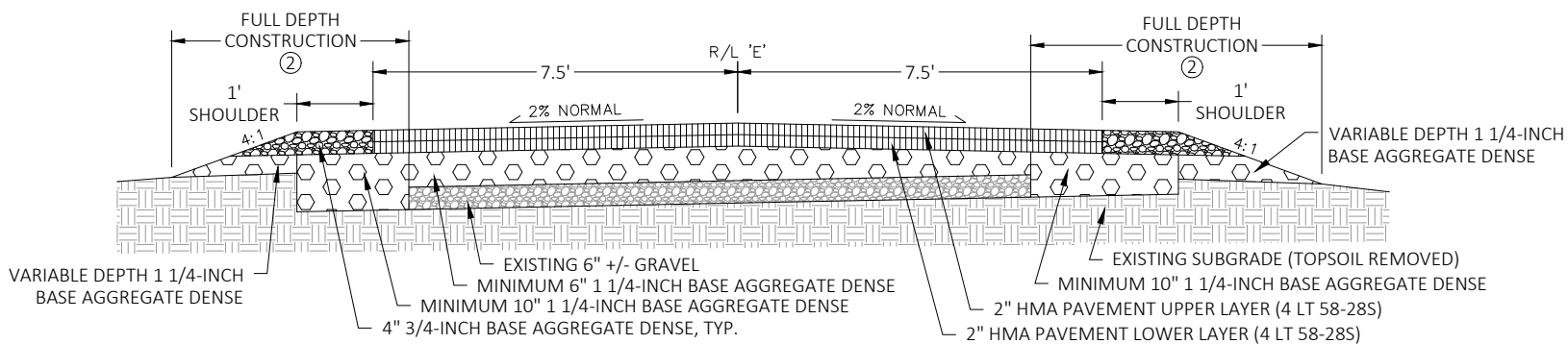
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C502

TYPICAL SECTIONS - NORTHEAST CAMPGROUND ACCESS ROAD

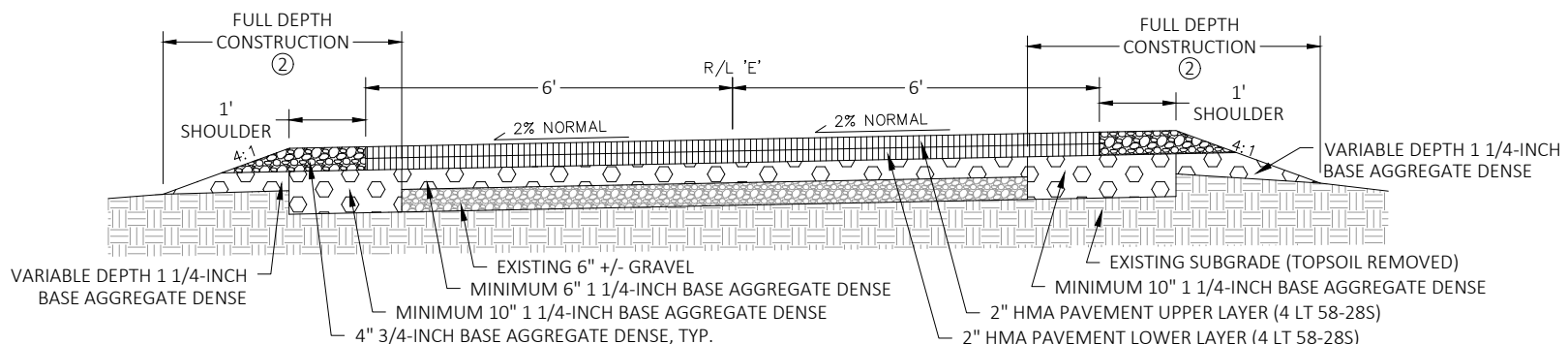


EXISTING TYPICAL SECTION
NORTHEAST CAMPGROUND WEST LOOP ROAD
STA. 50+00 'E' - STA. 56+00 'E'

- KEYED NOTES:
- ① SEE GEOTECHNICAL REPORTS FOR SUBGRADE INFORMATION.
 - ② USE FULL DEPTH CONSTRUCTION SECTION FOR THE WIDTH OF ROADWAY OUTSIDE EXISTING GRAVEL ROADWAY LIMITS.



PROPOSED TYPICAL SECTION
NORTHEAST CAMPGROUND WEST LOOP ROAD
STA. 50+00 'E' - STA. 50+50 'E'

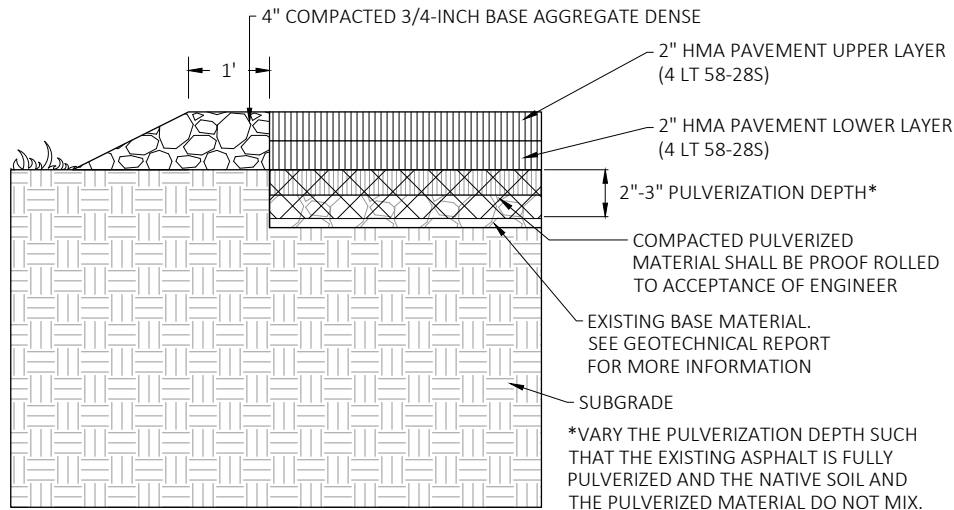


PROPOSED TYPICAL SECTION
NORTHEAST CAMPGROUND WEST LOOP ROAD
STA. 50+50 'E' - STA. 56+00 'E'

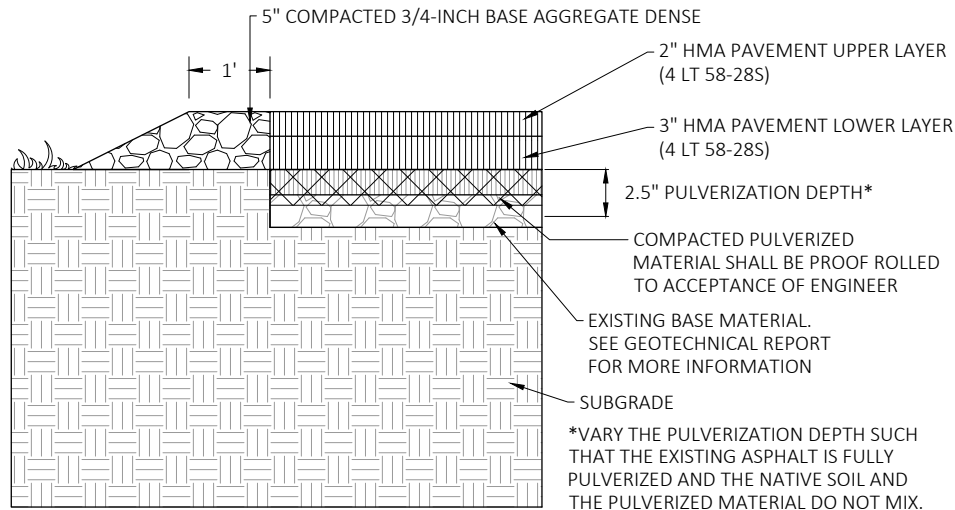
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TYPICAL SECTIONS - NORTHEAST CAMPGROUND WEST LOOP ROAD

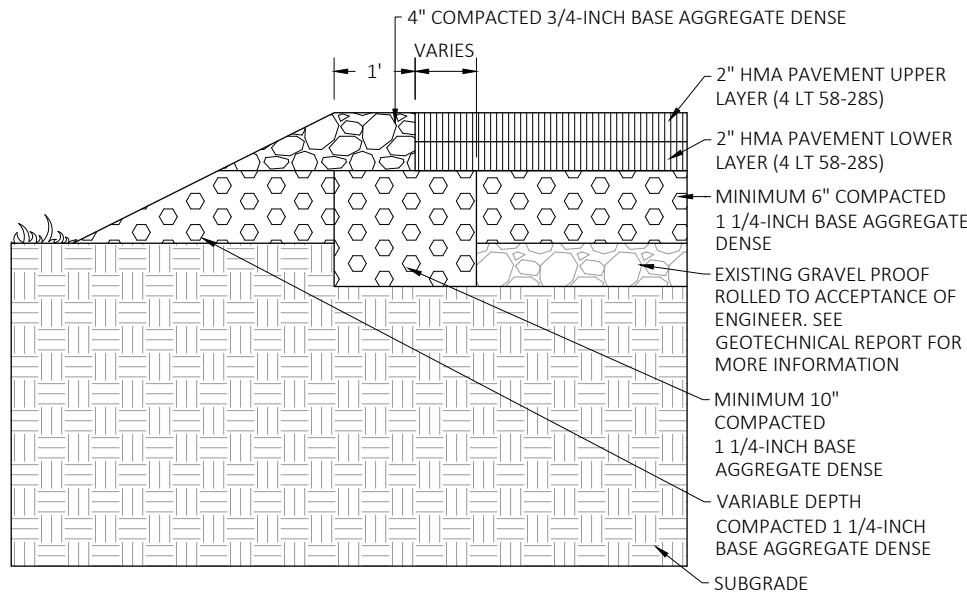
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Sheet Number	C502	



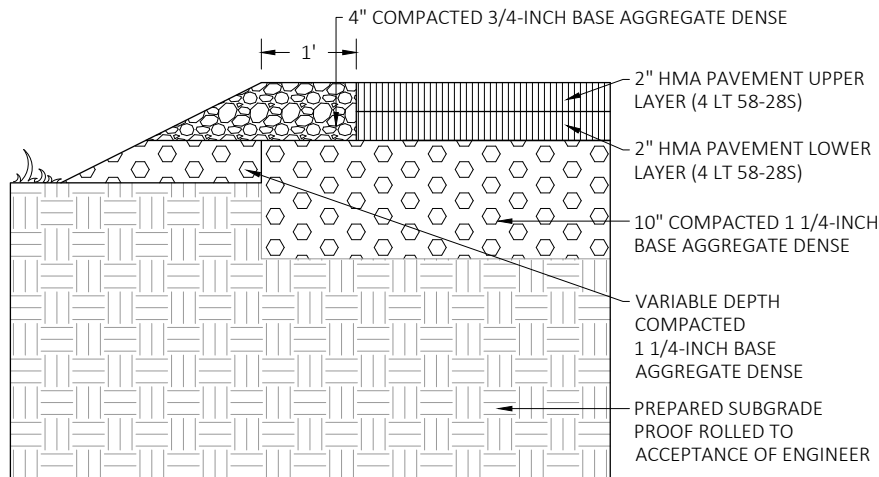
4" ASPHALT OVER PULVERIZED MATERIAL



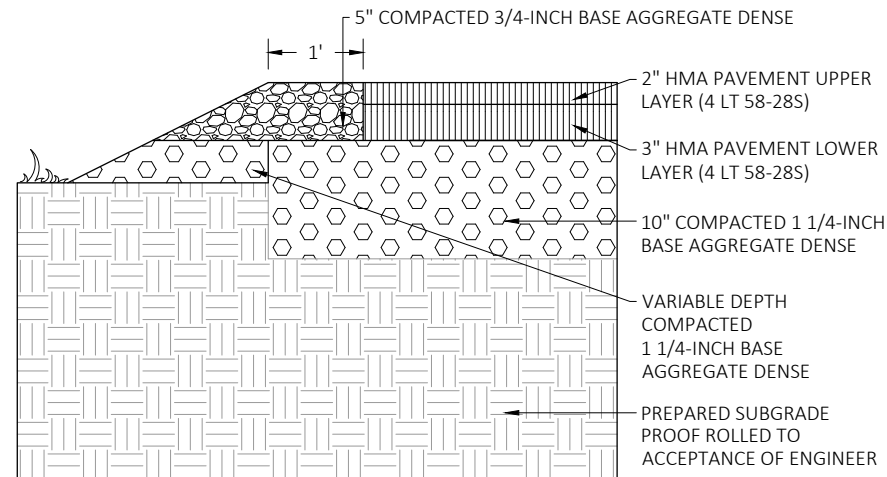
5" ASPHALT OVER PULVERIZED MATERIAL



4" ASPHALT OVER GRAVEL SURFACE



4" ASPHALT FULL DEPTH CONSTRUCTION
(SEE NOTE 2)

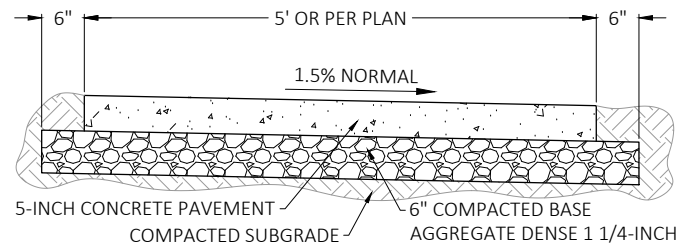


5" ASPHALT FULL DEPTH CONSTRUCTION
(SEE NOTE 2)

NOTES:

1. SEE TECHNICAL SPECIFICATIONS FOR ADDITIONAL INFORMATION.
2. PAVEMENT AREAS OUTSIDE THE FOOTPRINT OF EXISTING PAVEMENT AND GRAVEL MUST BE PAVED WITH THE FULL DEPTH CONSTRUCTION SECTION.
3. PROVIDE ADDITIONAL 1 1/4-INCH BASE AGGREGATE DENSE AS NEEDED TO MEET REQUIRED GRADES.

1 ASPHALT PAVEMENT
C503



GENERAL NOTES:

1. CONSTRUCTION JOINTS IN CONCRETE SHALL BE HAND TOOLED OR SAWED 1/3 INCH PER 1 INCH OF DEPTH OF THE CONCRETE SIDEWALK.
2. CONTROL JOINTS SHALL HAVE A MAXIMUM SPACING OF 5' MEASURED LONGITUDINALLY ALONG THE SIDEWALK UNLESS OTHERWISE NOTED ON PLANS.
3. EXPANSION JOINT MATERIAL SHALL BE USED WHEN PLACING NEW CONCRETE ADJACENT TO EXISTING CONCRETE, BUILDING, OR WALL (SEE DETAIL 2/C504)

2 CONCRETE SIDEWALK
C503

20TH 33RD 22ND 'C' ALIGNMENT				
SUPERELEVATION POINT	STATION	CROSS SLOPE		
		LEFT	RIGHT	
BEGIN PROJECT, BEGIN PAVING, MATCH EXISTING	100+00	-2.00%	-2.00%	
END NORMAL CROWN	110+50	-2.00%	-2.00%	
BEGIN REVERSE CROWN	111+22	-2.00%	2.00%	
END NORMAL CROWN	112+62	-2.00%	2.00%	
BEGIN REVERSE CROWN	113+34	-2.00%	-2.00%	
END NORMAL CROWN	117+74	-2.00%	-2.00%	
BEGIN REVERSE CROWN	118+46	-2.00%	2.00%	
END NORMAL CROWN	118+82	-4.00%	4.00%	
BEGIN FULL SUPERELEVATION	120+67	-4.00%	4.00%	
END FULL SUPERELEVATION	121+03	-2.00%	2.00%	
BEGIN REVERSE CROWN	121+75	-2.00%	-2.00%	
END NORMAL CROWN	148+60	-2.00%	-2.00%	
BEGIN REVERSE CROWN	149+00	2.00%	-2.00%	
END REVERSE CROWN	207+00	2.00%	-2.00%	
SUPERELEVATION TRANSITION	207+10	1.18%	-0.77%	
END PROJECT, END PAVING, MATCH EXISTING	207+63	-1.86%	-1.95%	

3 SUPERELEVATION TABLES
C503

SOUTH PARKING LOT 'B' ALIGNMENT				
SUPERELEVATION POINT	STATION	CROSS SLOPE		
		LEFT	RIGHT	
BEGIN PROJECT, BEGIN PAVING	100+00	-2.00%	-2.00%	
END NORMAL CROWN	100+70	-2.00%	-2.00%	
BEGIN REVERSE CROWN	101+10	-2.00%	2.00%	
END REVERSE CROWN	101+80	-2.00%	2.00%	
BEGIN NORMAL CROWN	102+20	-2.00%	-2.00%	
NORMAL CROWN	102+25	-2.00%	-2.00%	
NORMAL CROWN	102+55	-2.00%	-2.00%	
NORMAL CROWN	102+65	-2.00%	-2.00%	
NORMAL CROWN	105+60	-2.00%	-2.00%	
NORMAL CROWN	105+95	-2.00%	-2.00%	
NORMAL CROWN	106+00	-2.00%	-2.00%	
NORMAL CROWN	106+05	-2.00%	-2.00%	
END PROJECT, END PAVING	110+78	-2.00%	-2.00%	

19TH & 36TH 'A' ALIGNMENT				
SUPERELEVATION POINT	STATION	CROSS SLOPE		
		LEFT	RIGHT	
BEGIN PROJECT, BEGIN PAVING, MATCH EXISTING	100+00	-1.88%	-3.15%	
BEGIN NORMAL CROWN	100+30	-2.00%	-2.00%	
END NORMAL CROWN	105+60	-2.00%	-2.00%	
REVERSE CROWN	106+40	-2.00%	2.00%	
BEGIN FULL SUPERELEVATION	106+50	-2.50%	2.50%	
END FULL SUPERELEVATION	112+90	-2.50%	2.50%	
REVERSE CROWN	113+00	-2.00%	2.00%	
BEGIN NORMAL CROWN	113+80	-2.00%	-2.00%	
END NORMAL CROWN	135+50	-2.00%	-2.00%	
END PROJECT, END PAVING, MATCH EXISTING	135+80	-1.75%	-1.01%	



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W8450 BUCKHORN PARK AVENUE
TOWN OF GERMANTOWN, WI 53950

ROADWAY AND PARKING LOT PAVING
BUCKHORN STATE PARK
DEPARTMENT OF NATURAL RESOURCES
TOWN OF GERMANTOWN, WISCONSIN

Sheet Title:
CIVIL DETAILS

Revisions:

No. Date Description

Graphic Scale



DFD Number

24G1G

Set Type

BD

Date Issued

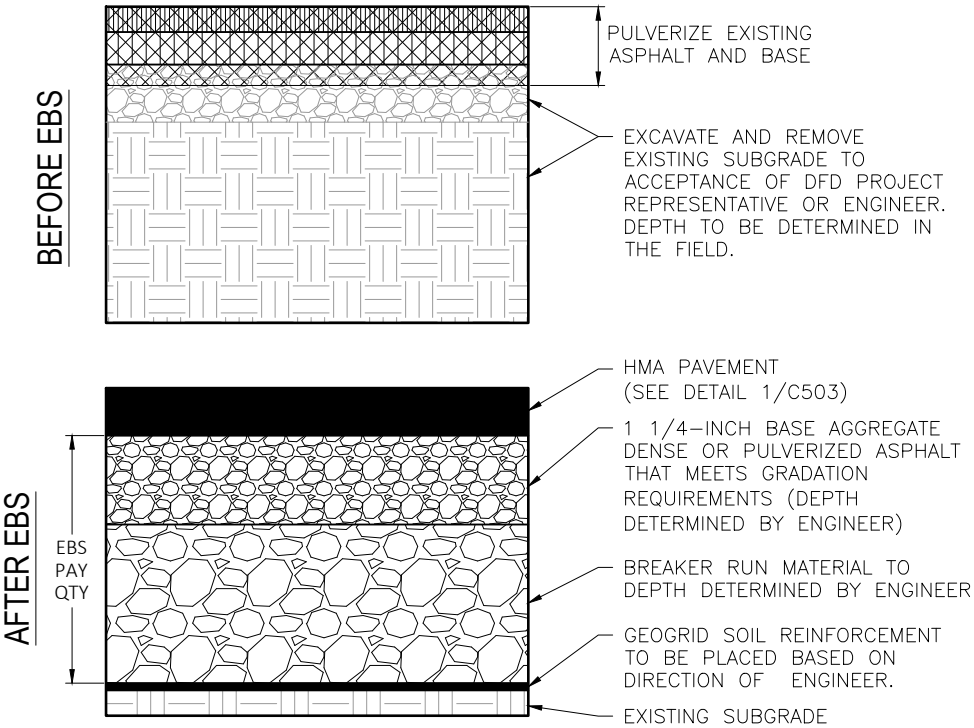
11/14/2025

Sheet Number

C503

- GENERAL NOTES:
1. PRIOR TO UNDERCUTTING ANY PULVERIZED MATERIAL OR SUBGRADE, CONTACT DFD PROJECT REPRESENTATIVE OR ENGINEER TO SCHEDULE INSPECTION OF PULVERIZED MATERIAL AND PROOF ROLLING OF PULVERIZED MATERIAL.
 2. FINAL DEPTH OF UNDERCUTTING OR EBS TO BE DETERMINED BY DFD PROJECT REPRESENTATIVE OR ENGINEER.
 3. SEE SHEET C400, NOTES 13 & 14 FOR ADDITIONAL EXCAVATION REQUIREMENT INFORMATION.

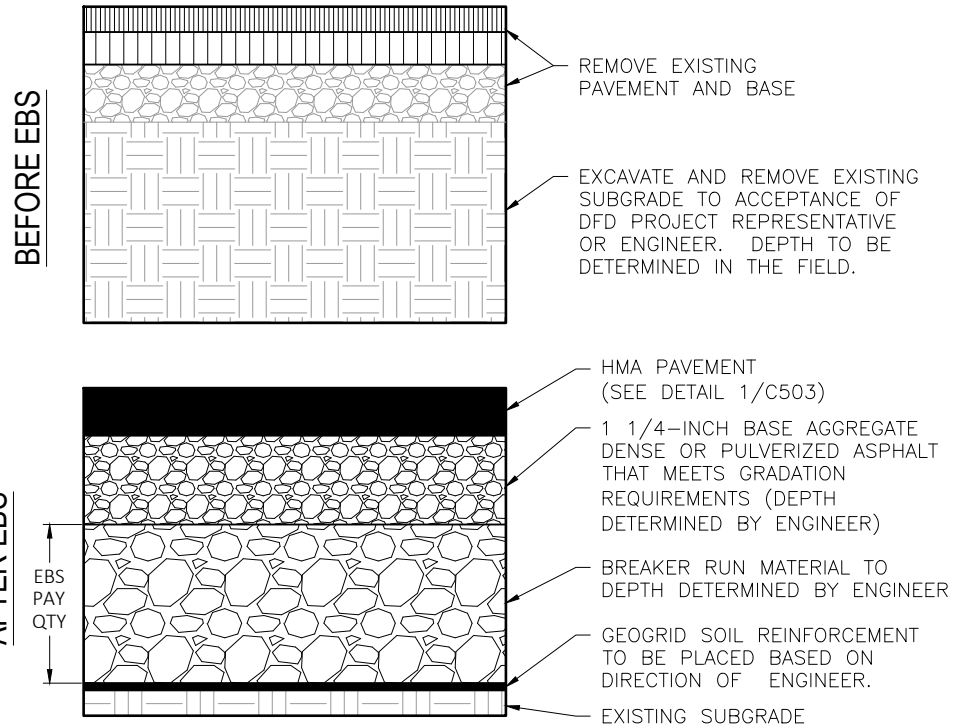
- GENERAL NOTES:
1. UNDERCUT AREAS TO BE BACKFILLED WITH BREAKER RUN MATERIAL OR WITH COMBINATION OF BREAKER RUN MATERIAL AND GEOGRID SOIL REINFORCEMENT IN MAXIMUM OF 9 INCH THICK LIFTS (COMPACTED).



PULVERIZED PAVEMENT AREAS

- GENERAL NOTES:
1. PRIOR TO UNDERCUTTING OR PLACING ANY DENSE GRADED BASE, CONTACT ENGINEER TO SCHEDULE INSPECTION OF SUBGRADE AND PROOF ROLLING OF SUBGRADE.
 2. FINAL DEPTH OF UNDERCUTTING OR EBS TO BE DETERMINED BY ENGINEER.

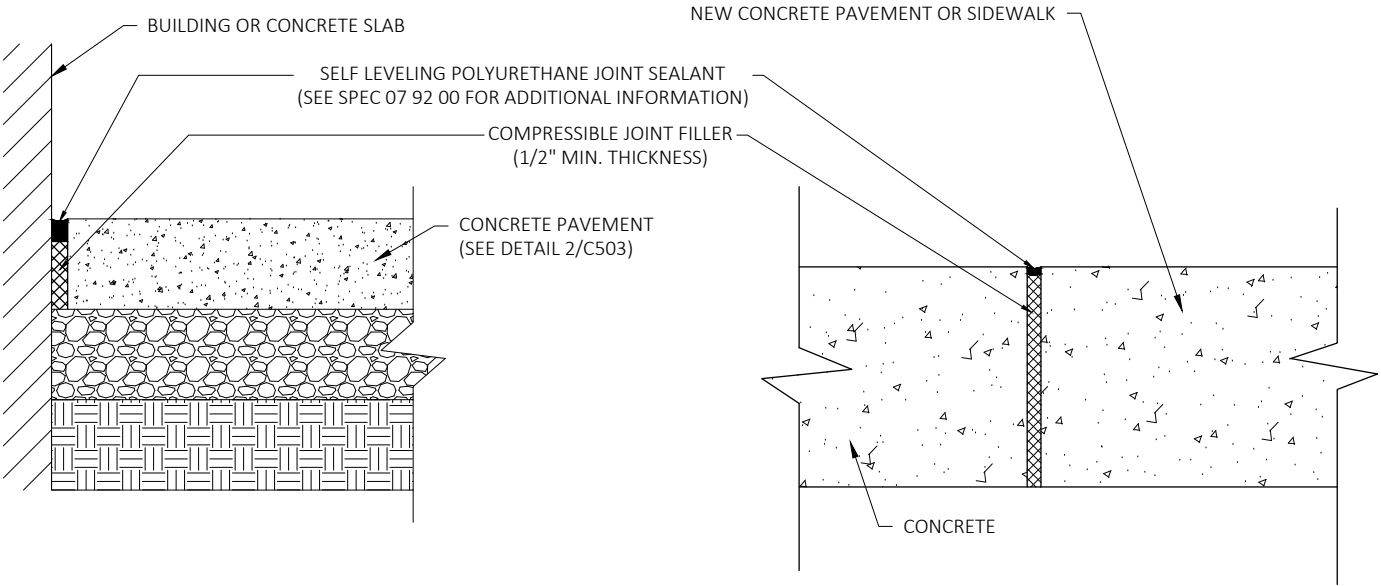
- GENERAL NOTES:
1. UNDERCUT AREAS TO BE BACKFILLED WITH BREAKER RUN MATERIAL OR WITH COMBINATION OF BREAKER RUN MATERIAL AND GEOGRID SOIL REINFORCEMENT IN MAXIMUM OF 9 INCH THICK LIFTS (COMPACTED).



RECONSTRUCTED PAVEMENT AREAS

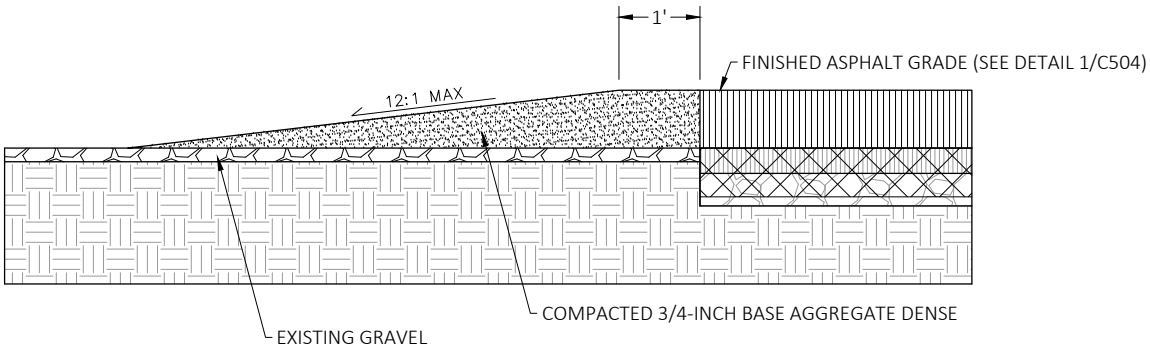
1 UNDERCUTTING/EXCAVATION BELOW SUBGRADE (EBS)
C504

NTS



2 EXPANSION JOINT
C504

NTS



3 GRAVEL TRANSITION TO PAVED SURFACE
C504

NTS



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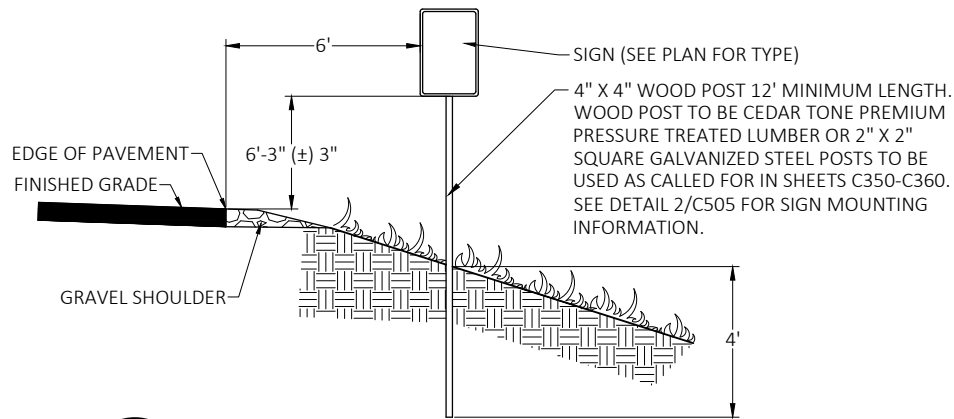


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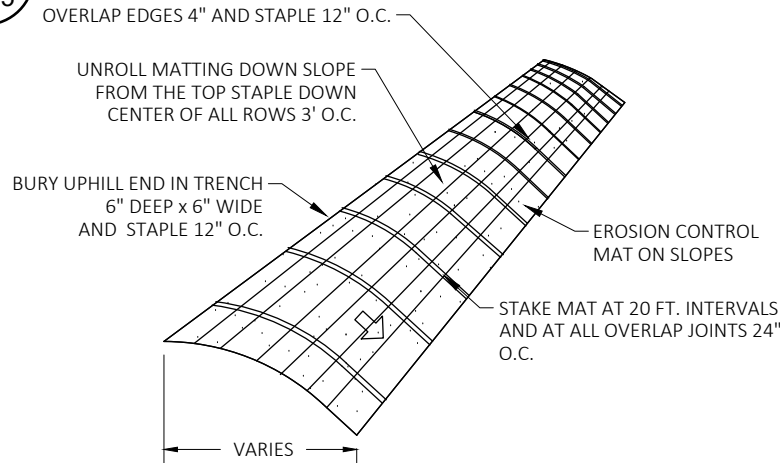
ROADWAY AND PARKING LOT PAVING
BUCKHORN STATE PARK
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Revisions:		
No.	Date:	Description:
Graphic Scale	 NTS	
DFD Number	24G1G	
Set Type	BD	
Date Issued	11/14/2025	
Sheet Number	C504	



1 SIGN INSTALLATION DETAIL
C505 NTS



2 ATTACHMENT OF SIGNS TO POSTS
C505 NTS

GENERAL NOTES
NUTS, BOLTS AND LAGS USED FOR MOUNTING SIGNS SHALL HAVE HEXAGONAL HEADS AND SHALL BE EITHER:

A. HOT DIP GALVANIZED IN ACCORDANCE WITH ASTM DESIGNATION: A 153, CLASS D, OR SC 3

B. ELECTRO-GALVANIZED IN ACCORDANCE WITH ASTM DESIGNATION: B 633, TYPE III, SC 3

THREADS ON BOLTS AND NUTS SHALL BE MANUFACTURED WITH SUFFICIENT ALLOWANCE FOR THE CADMIUM PLATE OR GALVANIZED COATING TO PERMIT THE NUTS TO RUN FREELY ON THE BOLTS.

2" X 2" SQUARE STEEL POSTS
MACHINE BOLTS - $\frac{3}{8}$ " X 1-1/2" LENGTH W/NUTS

WOOD POSTS (4" X 4" OR 4" X 6")
LAG SCREWS - $\frac{3}{8}$ " X 3"
MACHINE BOLTS - $\frac{5}{8}$ " X 6-1/2" OR 7" LENGTH W/NUTS

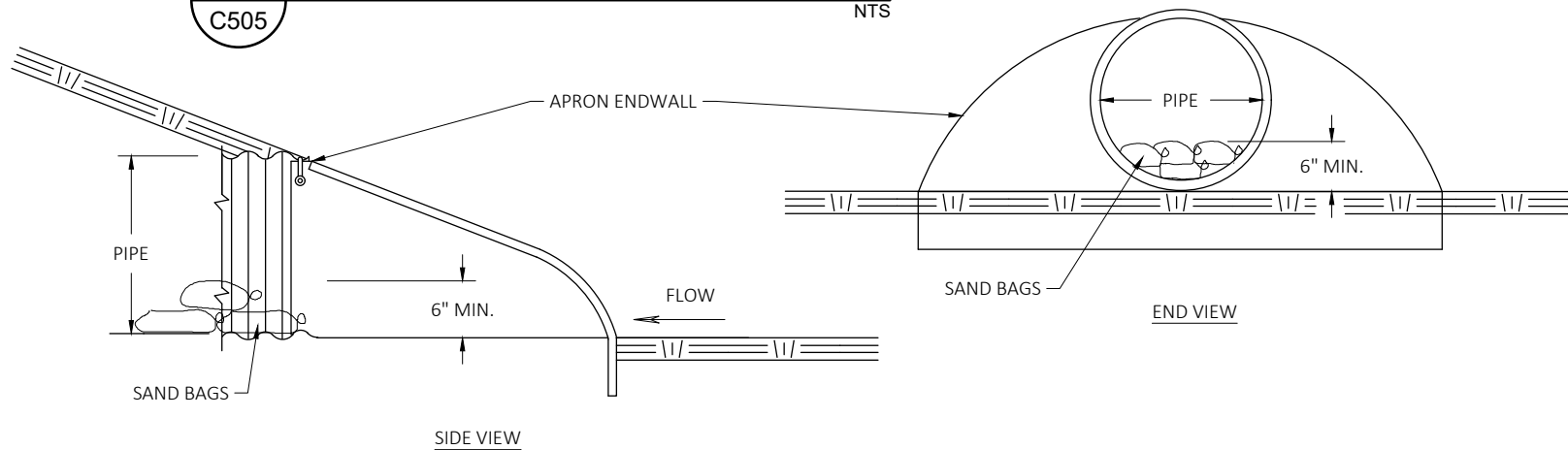
GRIP RANGE .042-.375 INCH

WASHER (ALL POSTS)
1-1/4" O.D. X $\frac{3}{8}$ " I.D. X $\frac{1}{16}$ " STEEL
1-1/4" O.D. X $\frac{3}{8}$ " I.D. X .080 NYLON FOR ALL TYPE H SIGNS

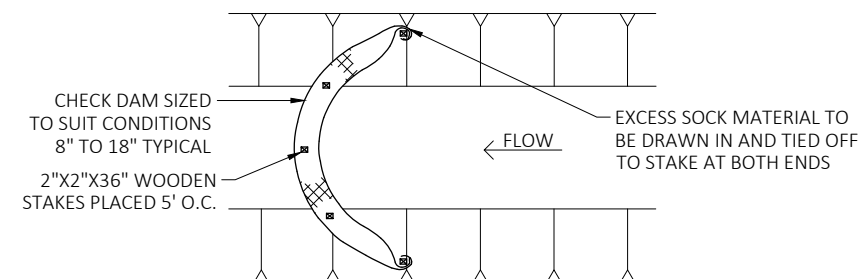
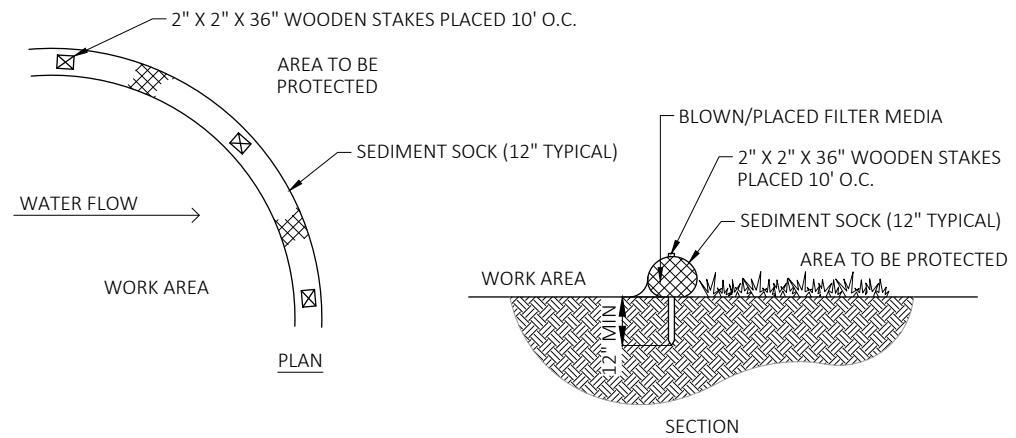
NOTES

1. PREPARE SOIL BEFORE INSTALLING EROSION MAT INCLUDING ALL SOIL PREPARATION AND SEEDING ACCORDING TO SPECIFICATIONS.
2. BEGIN AT TOP OF SLOPE BY ANCHORING MAT IN 6" WIDE BY 6" DEEP TRENCH. BACKFILL AND COMPACT TRENCH AFTER STAPLING.
3. ROLL THE EROSION MAT DOWN THE SLOPE.
4. THE EDGES OF PARALLEL EROSION MATS SHALL BE STAPLED WITH A 4" OVERLAP. USE ONLY BIODEGRADABLE STAPLES UNLESS SPECIFIED OTHERWISE.
5. WHEN EROSION MAT MUST BE SPLICED DOWN THE SLOPE, PLACE EROSION MAT END OVER END (SHINGLE STYLE) WITH 6" OVERLAY, STAPLE APPROX. 12" APART.
6. ALL EROSION MATS MUST BE SECURELY FASTENED TO THE SLOPE BY PLACING BIODEGRADABLE STAKES IN APPROPRIATE LOCATIONS AS RECOMMENDED BY THE MANUFACTURER.
7. SEE EROSION CONTROL PLANS FOR CLASS AND TYPES OF EROSION MAT.

3 EROSION MAT INSTALLATION
C505 NTS



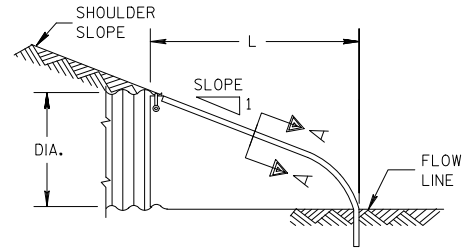
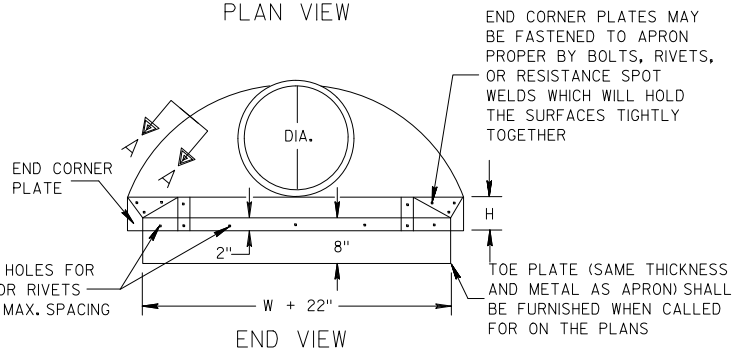
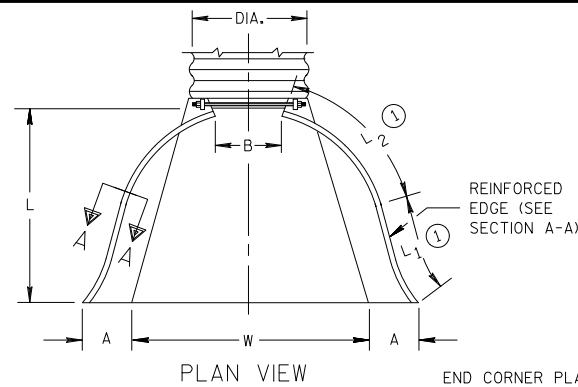
4 CULVERT PIPE CHECK
C505 NTS



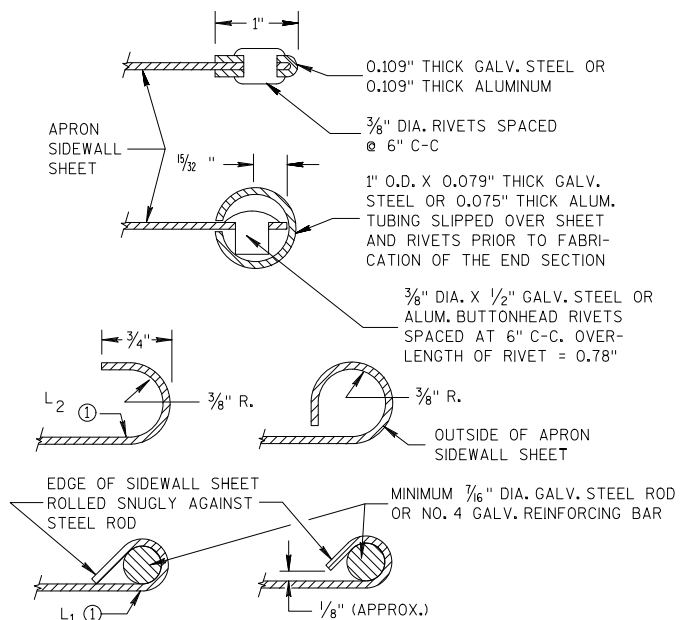
- NOTES:
1. ALL MATERIAL TO MEET SPECIFICATIONS.
 2. SEDIMENT SHOULD BE REMOVED FROM BEHIND CHECK DAM ONCE THE ACCUMULATED HEIGHT HAS REACHED 1/2 THE HEIGHT OF THE CHECK DAM.
 3. CHECK DAM CAN BE DIRECT SEEDING AT THE TIME OF INSTALLATION.
 4. FILTER MEDIA FILL TO MEET APPLICATION REQUIREMENTS.
 5. COMPOST MATERIAL TO BE DISPERSED ON SITE. AS DETERMINED BY ENGINEER.

5 SEDIMENT SOCK/WATTLE
C505 NTS

Revisions:		
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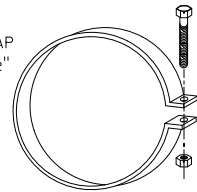


SIDE ELEVATION
METAL ENDWALLS

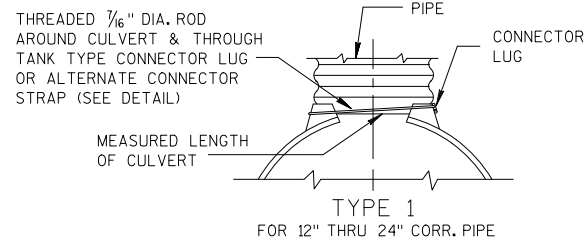


SECTION A-A

1" WIDE, 12 GA. (0.109" THICK) GALVANIZED STRAP WITH STANDARD 6" X 1/2" BAND BOLT AND NUT



ALTERNATE FOR TYPE 1 CONNECTION
END SECTION CONNECTOR STRAP



NOTE: DIMPLED BAND FITS OVER OUTSIDE OF ENDWALL, AND CORRUGATED BAND FITS INSIDE ENDWALL. DIMPLED BAND MAY BE USED WITH HELICALLY CORRUGATED PIPE.

FOR CIRCUMFERENTIALLY CORRUGATED PIPE USE ENDWALL CONNECTION DETAILS 1, 2, 3 OR 5 AS APPLICABLE.

FOR HELICALLY CORRUGATED PIPE USE ENDWALL CONNECTION DETAILS 1, 2 OR 5.

FOR HELICALLY CORRUGATED PIPES WITH TWO CIRCUMFERENTIAL CORRUGATIONS AT EACH END USE ENDWALL CONNECTION DETAILS 1, 2 OR 3.

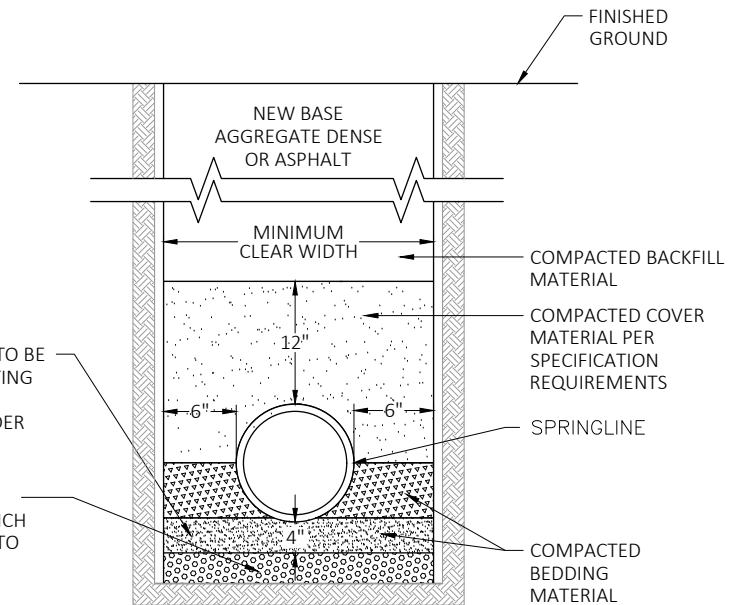
CONNECTION DETAILS

METAL APRON ENDWALLS

PIPE DIA. (IN.)	MIN. THICK. (Inches)		DIMENSIONS (Inches)							APPROX. SLOPE	BODY
	STEEL	ALUM.	A (±1")	B (MAX.)	H (±1")	L (±1 1/2")	L1 ①	L2 ①	W (±2")		
15	.064	.060	7	8	6	26	14	21 3/4	30	2 1/2 ± 0.1	1 Pc.
18	.064	.060	8	10	6	31	15	28 1/4	36	2 1/2 ± 0.1	1 Pc.

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS



2 PIPE BEDDING DETAIL
C507

NTS

1 METAL APRON ENDWALLS
C507

NTS

Kapur

4654 S. BILTMORE LN.
MADISON, WI 53718
PHONE: 608.873.4400
KAPURINC.COM
PROJECT NUMBER: 25.0133

State of Wisconsin
Department of Administration
Division of Facilities Development



W8450 BUCKHORN PARK AVENUE
TOWN OF GERMANTOWN, WI 53950

ROADWAY AND PARKING LOT PAVING
BUCKHORN STATE PARK
DEPARTMENT OF NATURAL RESOURCES
TOWN OF GERMANTOWN, WISCONSIN

Sheet Title:
CIVIL DETAILS

Revisions:

No.	Date:	Description:

Graphic Scale



DFD Number

24G1G

Set Type

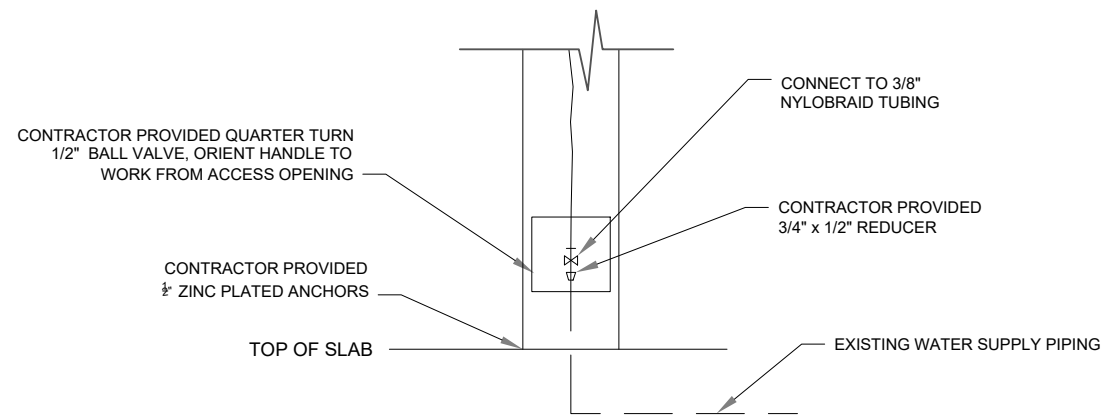
BD

Date Issued

11/14/2025

Sheet Number

C507



2 INTERNAL CONNECTION - MD 440, MD 125, MD 24-8
C508 NTS



* DRINKING FOUNTAIN TO BE 440 SMSS - 304
SCHEDULE 10 STAINLESS STEEL WITH JUG FILLER
BY MOST DEPENDABLE FOUNTAINS, OR APPROVED
EQUAL. OTHER MANUFACTURERS COULD INCLUDE
ELKAY OR HAWS. VERIFY COLOR WITH OWNER.

4654 S. BILTMORE LN.
MADISON, WI 53718
PHONE: 608.673.4400
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TOWN OF GERMANTOWN, WISCONSIN

Sheet Title:
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Revisions:

[illegible]

Graphic
Scale



DFD Number	DFD Title	DFD Description
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2	2.1	2.1.1
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Set
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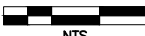
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Date
Issued

11/14/2025

Sheet
Number

C508

PROPOSED SHEET AND NUMBER	ROAD, PARKING LOT, OR PATH	STATION ON ROAD	PARKING LOT NAME	LOCATION IN PARKING LOT/PATH	SIGNAGE/BOX CALLED OUT IN PLANS	ACTUAL SIGNAGE NAMES	REPLACE/SALVAGE	WOOD/METAL POST	Kapur 4654 S. BILTMORE LN. MADISON, WI 53718 PHONE: 608.673.4400 KAPURINC.COM PROJECT NUMBER: 25.0133 State of Wisconsin Department of Administration Division of Facilities Development 	
2/C201 & 2/C351	ROAD	101+50'A'	-	-	WAYFINDING SIGN GROUP A	RANGER STATION (RS-015) X1 RIGHT ARROW X1 LEFT ARROW X1 BOAT RAMP (RS-054) X1	REPLACE ALL	WOOD		
2/C201 & 2/C351	ROAD	104+25'A'	-	-	WAYFINDING SIGN GROUP B	"CAMPSITES 23-24 AND ACCESSIBLE CABIN [LEFT ARROW] CAMPSITES 26-29 [STRAIGHT ARROW]" X1 FISHING AREA (RS-063) X1 LEFT ARROW X1	REPLACE ALL	WOOD	ROADWAY AND PARKING LOT PAVING BUCKHORN STATE PARK DEPARTMENT OF NATURAL RESOURCES TOWN OF GERMANTOWN, WISCONSIN Sheet Title: CIVIL DETAILS	
3/C201 & 3/C351	ROAD	112+00'A'	-	-	WAYFINDING SIGN GROUP C	RANGER STATION (RS-015) X1 STRAIGHT ARROW X1 PICNIC SITE (RS-044) X1 RIGHT ARROW X1	REPLACE SALVAGE REPLACE SALVAGE	WOOD		
3/C201 & 3/C351	ROAD	106+27'A'	-	-	PARK HOST SIGN	"PARK HOST" X1 INFORMATION PLACARD X1	SALVAGE	WOOD		
3/C201 & 3/C351	ROAD	112+50'A'	-	-	WAYFINDING SIGN GROUP D	EASTBOUND: "TO AMPHITHEATER [RIGHT ARROW]" X1 WESTBOUND: "CAMPSITES 4-16, 25, 199, SOUTH SHELTER, SHOWERS, AMPHITHEATER, HIKING TRAILS [LEFT ARROW] CAMPSITES 23-24, 26-29, 46-105, ACCESSIBLE CABIN, SHOWERS, FISHING PIER, BOAT LAUNCH, NORTH SHELTER [STRAIGHT ARROW]" X1 "TO AMPHITHEATER [LEFT ARROW]" X1	SALVAGE ALL	WOOD		
3/C201 & 3/C351	ROAD	113+70'A'	-	-	WAYFINDING SIGN GROUP E	PICNIC SITE (RS-044) X1 STRAIGHT AND LEFT ARROWS X1	SALVAGE ALL	WOOD	ROADWAY AND PARKING LOT PAVING BUCKHORN STATE PARK DEPARTMENT OF NATURAL RESOURCES TOWN OF GERMANTOWN, WISCONSIN Sheet Title: CIVIL DETAILS	
1/C202 & 1/C352	ROAD	134+00'A'	-	-	WAYFINDING SIGN GROUP F	WESTBOUND: "CAMPSITES 17-19 [LEFT ARROW]" X1 EASTBOUND: "CAMPSITES 17-19 [RIGHT ARROW]" X1	SALVAGE ALL	WOOD		
2/C202 & 2/C352	PARKING LOT	-	BOAT LAUNCH	SOUTH OF LAUNCH	WAYFINDING SIGN GROUP G	"ATTENTION ANGLERS WISCONSIN RIVER" X1 "ATTENTION ANGLERS WALLEYE/SAUGER REGULATIONS" X1	SALVAGE ALL	WOOD		
2/C202 & 2/C352	PARKING LOT	-	BOAT LAUNCH	NORTH OF LAUNCH	WAYFINDING SIGN GROUP H	"ATTENTION BOAT SPEED LIMIT" X1 "NOTICE" X1 "DANGER" X1	SALVAGE REMOVE SALVAGE	WOOD		
2/C202 & 2/C352	PARKING LOT	-	BOAT LAUNCH	NORTH OF LAUNCH	WAYFINDING SIGN GROUP I	PVC PIPE "FILAMENT RECYCLING BIN" X1 "ATTENTION ANGLERS WALLEYE/SAUGER REGULATIONS" X1	SALVAGE ALL	WOOD		
2/C202 & 2/C352	PARKING LOT	-	BOAT LAUNCH	NORTH OF LAUNCH	WAYFINDING SIGN GROUP J	"PREVENT THE SPREAD OF INVASIVE SPECIES IT'S THE LAW" X1 "DO YOU LOVE PETENWELL & CASLE ROCK LAKES?" X1	SALVAGE ALL	WOOD		
2/C202 & 2/C352	PARKING LOT	-	BOAT LAUNCH	NORTH OF LAUNCH	WAYFINDING SIGN GROUP K	"IS IT BLUE-GREEN ALGAE OR SOMETHING ELSE?" X1	SALVAGE	WOOD		
2/C202 & 2/C352	PARKING LOT	-	BOAT LAUNCH	ENTRANCE	WAYFINDING SIGN GROUP L	"VEHICLES WITH" X1 "A TRAILER ONLY" X1	REPLACE	WOOD		
2/C202 & 2/C352	PARKING LOT	-	BOAT LAUNCH	ENTRANCE	WAYFINDING SIGN GROUP M	"BUCKHORN BOAT LAUNCH A"	SALVAGE	WOOD		
1/C203 & 1/C353	PARKING LOT	-	WEST	WEST DEAD END	WAYFINDING SIGN GROUP N	"PARKING FOR CABIN OCCUPANTS ONLY" (WOOD) X1 WISCONSIN STATE PARKS ADA INFO PAPER SIGN X1	REPLACE ALL	WOOD		
1/C203 & 1/C353	PARKING LOT	-	WEST	WEST TURN	WAYFINDING SIGN GROUP O	"CAMPSITES 23-24 [STRAIGHT ARROW]" X1 "TRASH AND RECYCLING CENTER LOCATED IN SOUTH PARKING LOT" X1 "ROAD CLOSED TO MOTORIZED VEHICLES" X1 "CAUTION" X1 "SCAN YOUR SWIM" X1	REPLACE REPLACE SALVAGE SALVAGE SALVAGE	WOOD		
1/C203 & 1/C353	PARKING LOT	-	WEST	WEST TURN	ACCESSIBLE CABIN	ACCESSIBLE CABIN	REPLACE	WOOD	Graphic Scale  NTS DFD Number 24G1G Set Type BD Date Issued 11/14/2025 Sheet Number C509	
1/C203 & 1/C353	PARKING LOT	-	WEST	NORTH LOT NEXT TO PATH	NORTH SHELTER WAYFINDING SIGN	NORTH SHELTER	REPLACE	METAL		
1/C203 & 1/C353	PARKING LOT	-	WEST	NORTH LOT NEXT TO PATH	NO DOGS SYMBOL SIGN	NO DOG SYMBOL	REPLACE	METAL		
1/C203 & 1/C353	PARKING LOT	-	WEST	SOUTH LOT NEXT TO PATH	NO DOGS SYMBOL SIGN	NO DOG SYMBOL	REPLACE	METAL		
2/C203 & 2/C353	PARKING LOT	-	BEACH	SOUTHWEST LOT NEXT TO PATH	WAYFINDING SIGN GROUP P	NO DOGS SYMBOL X1 "COLD WATER RINSE SHOWER [STRAIGHT ARROW]" X1	SALVAGE ALL	WOOD		
2/C203 & 2/C353	PARKING LOT	-	BEACH	NORTH ENTRANCE	TO BEACH WAYFINDING SIGN	TO BEACH	SALVAGE	WOOD		
2/C203 & 2/C353	PARKING LOT	-	BEACH	SOUTH ENTRANCE	TO BEACH WAYFINDING SIGN	TO BEACH	SALVAGE	WOOD		
2/C203 & 2/C353	PARKING LOT	-	BEACH	ALONG SOUTHWEST LOT EDGE	NO DOG SYMBOL SIGN	NO DOG SYMBOL SIGN	SALVAGE	METAL		
2/C203 & 2/C353	PARKING LOT	-	BEACH	ALONG SOUTHWEST LOT EDGE	NO DOG SYMBOL SIGN	NO DOG SYMBOL SIGN	SALVAGE	METAL		
2/C203 & 2/C353	PARKING LOT	-	BEACH	ALONG SOUTHWEST LOT EDGE	NO DOG SYMBOL SIGN	NO DOG SYMBOL SIGN	SALVAGE	METAL		
2/C203 & 2/C353	PARKING LOT	-	BEACH	ALONG SOUTHWEST LOT EDGE	NO DOG SYMBOL SIGN	NO DOG SYMBOL SIGN	SALVAGE	METAL		
1 C509 SCHEDULE OF WAYFINDING SIGNS (CONTINUED ON 1/C510) NTS										

PROPOSED SHEET AND NUMBER	ROAD, PARKING LOT, OR PATH	STATION ON ROAD	PARKING LOT NAME	LOCATION IN PARKING LOT/PATH	SIGNAGE/BOX CALLED OUT IN PLANS	ACTUAL SIGNAGE NAMES	REPLACE/SALVAGE	WOOD/METAL POST	 4654 S. BILTMORE LN. MADISON, WI 53718 PHONE: 608.673.4400 KAPURINC.COM PROJECT NUMBER: 25.0133																
2/C203 & 2/C353	PARKING LOT	-	BEACH	SOUTHWEST LOT NEXT TO PATH	WAYFINDING SIGN GROUP Q	NO DOGS SYMBOL X1 WISCONSIN STATE PARKS ADA INFO PAPER SIGN X1	SALVAGE REPLACE	WOOD																	
2/C204 & 2/C354	PARKING LOT	109+25'B'	SOUTH	ROAD	QR PARK STICKER SIGN	QR PARK STICKER SIGN	SALVAGE	WOOD																	
2/C204 & 2/C354	PARKING LOT	109+50'B'	SOUTH	ROAD	WAYFINDING SIGN GROUP R	SOUTHBOUND: "TRASH & RECYCLE CENTER [LEFT ARROW] FOR CAMPERS' USE ONLY" X1 NORTHBOUND: "TRASH & RECYCLE CENTER [RIGHT ARROW]" X1	SALVAGE ALL	WOOD	 State of Wisconsin Department of Administration Division of Facilities Development																
2/C204 & 2/C354	PARKING LOT	110+25'B'	SOUTH	ROAD	WAYFINDING SIGN GROUP S	"CAMPSITES 4-7 AND 13-15 [STRAIGHT ARROW]" X1 "ROAD CLOSED TO MOTORIZED VEHICLES" X1 "CAUTION" X1 "SCAN YOUR SWIM" X1	SALVAGE ALL	WOOD																	
2/C204 & 2/C354	PARKING LOT	111+20'B'	SOUTH	NORTHWEST LOT NEXT TO TSB PATH	WAYFINDING SIGN GROUP T	"AMPHITHEATER [STRAIGHT ARROW]" X1 "LOST AND FOUND ARTICLES MAY BE TURNED IN OR CLAIMED AT PARK OFFICE" X1	REPLACE ALL	WOOD																	
2/C204 & 2/C354	PARKING LOT	112+40'B'	SOUTH	NORTHWEST LOT NEXT TO VAULT PATH	SOUTH SHELTER WAYFINDING SIGN	"SOUTH SHELTER"	REPLACE	WOOD																	
2/C204	PARKING LOT	114+25'B'	SOUTH	SOUTH TURN	WAYFINDING SIGN GROUP U	"STATE PARK WILDLIFE REFUGE NO HUNTING OR TRAPPING"	REMOVE																		
2/C204 & 2/C354	PARKING LOT	114+50'B'	SOUTH	SOUTH TURN	WAYFINDING SIGN GROUP V	"CAMPSITES 10-12, 25, 199 [STRAIGHT ARROW]" X1 "CLOSED AREA NO HUNTING OR TRAPPING" X1 "SCAN YOUR SWIM" X1	SALVAGE ALL	WOOD																	
1/C205 & 1/C355	PATH	-	-	BETWEEN VAULT AND BEACH LOT	WAYFINDING SIGN GROUP W	"SERVICE ROAD DO NOT ENTER" X1 NO DOGS SYMBOL X1	REPLACE ALL	WOOD	ROADWAY AND PARKING LOT PAVING BUCKHORN STATE PARK DEPARTMENT OF NATURAL RESOURCES TOWN OF GERMANTOWN, WISCONSIN Sheet Title: CIVIL DETAILS																
2/C205 & 2/C355	PARKING LOT	-	EAST BACKPACKING	NORTH EDGE	BEAR ALERT SIGN AND NO CAR SYMBOL SIGN	BEAR ALERT SIGN X1 NO CAR SYMBOL SIGN X1	SALVAGE	WOOD																	
3/C205 & 3/C355	PARKING LOT	-	EAST GROUP CAMP	SOUTH EDGE	WAYFINDING SIGN GROUP X	"TO WISCONSIN RIVER, PICNIC AREA AND CAMPSITES 34-38, 43-45" X1 "ROAD CLOSED TO MOTORIZED VEHICLES" X1 "CAUTION" X1 "SCAN YOUR SWIM" X1	SALVAGE ALL	WOOD																	
4/C205 & 4/C355	PARKING LOT	-	SOUTH GROUP CAMP	WEST EDGE	WAYFINDING SIGN GROUP Y	NO CAR SYMBOL X1 "NO MOTORIZED VEHICLES OR TRAILERS BEYOND THIS POINT" X1	REPLACE ALL	WOOD																	
4/C205 & 4/C355	PARKING LOT	-	SOUTH GROUP CAMP	SOUTH EDGE	WAYFINDING SIGN GROUP Z	"NO MOTORIZED VEHICLES OR TRAILERS BEYOND THIS POINT" X1 NO CAR SYMBOL X1	REPLACE ALL	WOOD																	
4/C205 & 4/C355	PARKING LOT	-	SOUTH GROUP CAMP	SOUTHEAST EDGE	WAYFINDING SIGN GROUP AA	"NO MOTORIZED VEHICLES OR TRAILERS BEYOND THIS POINT" X1 NO CAR SYMBOL X1	REPLACE ALL	WOOD																	
4/C205 & 4/C355	PARKING LOT	-	SOUTH GROUP CAMP	EAST EDGE	WAYFINDING SIGN GROUP AB	NO CAR SYMBOL X1 "CLOSED AREA NO HUNTING OR TRAPPING" X1 "CAUTION" X1 "SCAN YOUR SWIM" X1	SALVAGE ALL	WOOD																	
4/C205 & 4/C355	PARKING LOT	-	SOUTH GROUP CAMP	EAST EDGE	WAYFINDING SIGN GROUP AC	HIKING TRAIL SYMBOL X1 NO BIKE SYMBOL X1	SALVAGE ALL	WOOD																	
4/C205 & 4/C355	PARKING LOT	-	SOUTH GROUP CAMP	EAST EDGE	TO WISCONSIN RIVER AND PICNIC AREA WAYFINDING SIGN	TO WISCONSIN RIVER AND PICNIC AREA WAYFINDING SIGN	REPLACE	WOOD																	
4/C205 & 4/C355	PARKING LOT	-	SOUTH GROUP CAMP	NEXT TO VAULTS	BEAR ALERT SIGN	BEAR ALERT SIGN	SALVAGE	WOOD																	
1/C206 & 1/C356	ROAD	100+50'D'	-	-	OUTDOOR GROUP CAMP WAYFINDING SIGN	"OUTDOOR GROUP CAMPGROUND" WAYFINDING SIGN	SALVAGE	WOOD	Revisions: <table><tr><th>No.</th><th>Date:</th><th>Description:</th></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr></table> Graphic Scale NTS DFD Number 24G1G Set Type BD Date Issued 11/14/2025 Sheet Number C510		No.	Date:	Description:												
No.	Date:	Description:																							
1/C206 & 1/C356	ROAD	101+10'D'	-	-	WAYFINDING GROUP SIGN GROUP AD	"FOR CAMPERS USE ONLY NO HOUSE GENERATED TRASH ALLOWED" X1 "HELP US RECYCLE" X1	SALVAGE ALL	WOOD																	
1/C206 & 1/C356	ROAD	105+35'D'	-	-	CAMPSITES 39 - 42 WAYFINDING SIGN	"CAMPSITES 39 - 42" WAYFINDING SIGN	SALVAGE	WOOD																	
1/C207 & 1/C357	ROAD	116+90'D'	-	-	WAYFINDING SIGN GROUP AE	"A1-A4 [RIGHT ARROW] A5-A8, B1-B3 [STRAIGHT ARROW] 34-38,43-45 [LEFT ARROW]" X1 "LOST AND FOUND ARTICLES MAY BE TURNED IN OR CLAIMED AT PARK OFFICE" X1	SALVAGE ALL	WOOD																	
1/C207 & 1/C357	ROAD	118+75'D'	-	-	ROAD CLOSED DNR SIGN	"ROAD CLOSED" DNR SIGN	SALVAGE	WOOD																	
1/C207 & 1/C357	ROAD	118+90'D'	-	-	WAYFINDING SIGN GROUP AF	"VOLLEYBALL AVAILABLE" X1 "AT PARK OFFICE" X1	REPLACE ALL	WOOD																	
1/C207 & 1/C357	ROAD	119+25'D'	-	-	WAYFINDING SIGN GROUP AG	"HORSESHOES AVAILABLE" X1 "AT PARK OFFICE" X1	REPLACE ALL	WOOD																	
1 SCHEDULE OF WAYFINDING SIGNS (CONTINUED ON 1/C511) NTS																									

PROPOSED SHEET AND NUMBER	ROAD, PARKING LOT, OR PATH	STATION ON ROAD	PARKING LOT NAME	LOCATION IN PARKING LOT/PATH	SIGNAGE/BOX CALLED OUT IN PLANS	ACTUAL SIGNAGE NAMES	REPLACE/SALVAGE	WOOD/METAL POST	Kapur	4654 S. BILTMORE LN. MADISON, WI 53718 PHONE: 608.673.4400 KAPURINC.COM PROJECT NUMBER: 25.0133	State of Wisconsin Department of Administration Division of Facilities Development	W8450 BUCKHORN PARK AVENUE TOWN OF GERMANTOWN, WI 53950
1/C208 & 1/C358	PARKING LOT	-	HUNTER PARKING LOT A	ENTRANCE	WAYFINDING SIGN GROUP AH	"BUCKHORN HUNTER PARKING LOT A" X1 "NO HIKING OR PETS ON TRAILS WHEN THEY ARE SNOW COVERED AND SKIABLE" X1	SALVAGE REMOVE	WOOD				
1/C208 & 1/C358	PARKING LOT	-	HUNTER PARKING LOT A	SOUTH EDGE	WAYFINDING SIGN GROUP AI	EMPTY WOOD BOARD FOR YOU ARE HERE MAP/FRAME X1 "ROAD CLOSED TO MOTORIZED VEHICLES" X1	REPLACE ALL	WOOD				
1/C208 & 1/C358	PARKING LOT	-	HUNTER PARKING LOT A	SOUTH EDGE	WAYFINDING SIGN GROUP AJ	"TRASH AND RECYCLING CENTER LOCATED IN SOUTH PARKING LOT" X1 BLANK METAL SIGN X1	SALVAGE ALL	WOOD	State of Wisconsin Department of Administration Division of Facilities Development		State of Wisconsin Department of Administration Division of Facilities Development	W8450 BUCKHORN PARK AVENUE TOWN OF GERMANTOWN, WI 53950
1/C208 & 1/C358	PARKING LOT	-	HUNTER PARKING LOT A	SOUTH EDGE	WAYFINDING SIGN GROUP AK	"CAMPSITES 17-19 [STRAIGHT ARROW]" X1 NO CAR SYMBOL X1 "CAUTION" X1 "SCAN YOUR SWIM" X1	SALVAGE ALL	WOOD				
1/C208 & 1/C358	PARKING LOT	-	HUNTER PARKING LOT A	SOUTH EDGE	INFORMATION BOX	INFO KIOSK	SALVAGE	WOOD				
2/C208 & 2/C358	PARKING LOT	-	HUNTER PARKING LOT C	SOUTH EDGE	WAYFINDING SIGN GROUP AL	"BUCKHORN WILDLIFE AREA" INFORMATION BOARD X1 "PARKING AREA ONLY NO OVERNIGHT CAMPING" X1 "NO DUMPING" X1	SALVAGE ALL	WOOD	State of Wisconsin Department of Administration Division of Facilities Development		State of Wisconsin Department of Administration Division of Facilities Development	W8450 BUCKHORN PARK AVENUE TOWN OF GERMANTOWN, WI 53950
2/C208 & 2/C358	PARKING LOT	-	HUNTER PARKING LOT C	SOUTH EDGE	INFORMATION BOX	INFO KIOSK	SALVAGE	SALVAGED WOOD				
2/C208 & 2/C358	PARKING LOT	-	HUNTER PARKING LOT C	ENTRANCE	TOWN OF GERMANTOWN ADDRESS SIGN	TOWN OF GERMANTOWN ADDRESS SIGN	SALVAGE	WOOD				
2/C208 & 2/C358	PARKING LOT	-	HUNTER PARKING LOT C	ENTRANCE	BUCKHORN HUNTER PARKING LOT C WAYFINDING SIGN	"BUCKHORN HUNTER PARKING LOT C" WAYFINDING SIGN	SALVAGE	WOOD	State of Wisconsin Department of Administration Division of Facilities Development		State of Wisconsin Department of Administration Division of Facilities Development	W8450 BUCKHORN PARK AVENUE TOWN OF GERMANTOWN, WI 53950
3/C208 & 3/C358	ROAD	100+25'C'	-	-	CAMPSITE DIRECTIONAL WAYFINDING SIGN	"CAMPSITES 1-3" "OUTDOOR GROUP CAMP SITES A1-A8, B1-B3" "CAMPSITES 20-22, 30-45"	SALVAGE	WOOD				
3/C208 & 3/C358	ROAD	101+00'C'	-	-	WAYFINDING SIGN GROUP AM	"ENTERING FEE AREA" X1 FIRE NOTICE X1	SALVAGE ALL	WOOD				
3/C208 & 3/C358	ROAD	111+75'C'	-	-	AREA OPEN 6 AM TO 11PM ONLY WAYFINDING SIGN	"AREA OPEN 6 AM TO 11PM ONLY" WAYFINDING SIGN	SALVAGE	WOOD	State of Wisconsin Department of Administration Division of Facilities Development		State of Wisconsin Department of Administration Division of Facilities Development	W8450 BUCKHORN PARK AVENUE TOWN OF GERMANTOWN, WI 53950
3/C208 & 3/C358	ROAD	112+50'C'	-	-	WAYFINDING SIGN GROUP AN	"ROAD CLOSED TO MOTORIZED VEHICLES" X1 HIKING TRAIL SYMBOL X1	REPLACE ALL	WOOD				
1/C209 & 1/C359	ROAD	137+25'C'	-	-	ROAD CLOSED DNR SIGN	"ROAD CLOSED" DNR SIGN	REPLACE	WOOD				
2/C209 & 2/C359	ROAD	141+25'C'	-	-	BLANK WOOD WAYFINDING SIGN	BLANK SIGN FOR YOU ARE HERE MAP	SALVAGE	WOOD	State of Wisconsin Department of Administration Division of Facilities Development		State of Wisconsin Department of Administration Division of Facilities Development	W8450 BUCKHORN PARK AVENUE TOWN OF GERMANTOWN, WI 53950
2/C209 & 2/C359	ROAD	147+50'C'	-	-	WAYFINDING SIGN GROUP AO	"CAMPSITES 20-22 [STRAIGHT ARROW], CAMPSITES 30-33 [LEFT ARROW], CAMPSITES 39-42 [RIGHT ARROW]" X1 "CAMPSITES 34-37, . . . [RIGHT ARROW], CAMPSITES 43-45 [RIGHT ARROW]" X1	SALVAGE REPLACE	WOOD				
2/C209 & 2/C359	ROAD	148+25'C'	-	-	RANGER STATION AND LEFT ARROW WAYFINDING SIGNS	RANGER STATION X1 LEFT ARROW X1	REPLACE ALL	WOOD				
2/C209 & 2/C359	ROAD	148+50'C'	-	-	CAMPSITES 20 - 22 WAYFINDING SIGN	"CAMPSITES 20 - 22" WAYFINDING SIGN	SALVAGE	WOOD	State of Wisconsin Department of Administration Division of Facilities Development		State of Wisconsin Department of Administration Division of Facilities Development	W8450 BUCKHORN PARK AVENUE TOWN OF GERMANTOWN, WI 53950
2/C209 & 2/C359	ROAD	148+75'C'	-	-	OUTDOOR GROUP CAMP WAYFINDING SIGN	"OUTDOOR GROUP CAMPGROUND" WAYFINDING SIGN	REPLACE	WOOD				
3/C209 & 3/C359	ROAD	161+50'C'	-	-	WAYFINDING SIGN GROUP AP	NORTHBOUND: "CAMPSITES 20-22 [RIGHT ARROW]" X1 SOUTHBOUND: "CAMPSITES 20-22 [LEFT ARROW]" X1	SALVAGE ALL	WOOD				
3/C210 & 3/C360	ROAD	198+50'C'	-	-	WAYFINDING SIGN GROUP AQ	NORTHBOUND: "CAMPSITES 1-3 (RIGHT TURN ARROW)" X1 SOUTHBOUND: "CAMPSITES 1-3 (LEFT TURN ARROW)" X1	SALVAGE ALL	WOOD	State of Wisconsin Department of Administration Division of Facilities Development		State of Wisconsin Department of Administration Division of Facilities Development	W8450 BUCKHORN PARK AVENUE TOWN OF GERMANTOWN, WI 53950
3/C210 & 3/C360	ROAD	198+60'C'	-	-	WAYFINDING SIGN GROUP AR	"RESTRICTED AREA" X1 "NOTICE" X1 "CLOSED/NO HUNTING SIGN" X1	SALVAGE SALVAGE REPLACE	WOOD				
3/C210 & 3/C360	ROAD	198+40'C'	-	-	WAYFINDING SIGN GROUP AS	GROUP CAMP SIGN X1 "CAUTION" X1 "SCAN YOUR SWIM" X1	SALVAGE ALL	WOOD				
3/C210 & 3/C360	ROAD	206+80'C'	-	-	ENTERING FEE AREA WAYFINDING SIGN	"ENTERING FEE AREA" WAYFINDING SIGN	SALVAGE	WOOD	State of Wisconsin Department of Administration Division of Facilities Development		State of Wisconsin Department of Administration Division of Facilities Development	W8450 BUCKHORN PARK AVENUE TOWN OF GERMANTOWN, WI 53950
3/C210 & 3/C360	ROAD	207+00'C'	-	-	WAYFINDING SIGN GROUP AT	EMPTY WOOD BOARD FOR YOU ARE HERE MAP/FRAME X1 "AREA OPEN 6 A.M. TO 11 P.M. ONLY" X1	SALVAGE ALL	WOOD				
									ROADWAY AND PARKING LOT PAVING BUCKHORN STATE PARK DEPARTMENT OF NATURAL RESOURCES TOWN OF GERMANTOWN, WISCONSIN		State of Wisconsin Department of Administration Division of Facilities Development	W8450 BUCKHORN PARK AVENUE TOWN OF GERMANTOWN, WI 53950
									Graphic Scale	NTS	Sheet Title: CIVIL DETAILS	
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									Set Type	BD		
									Date Issued	11/14/2025		
									Sheet Number	C511		

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C511

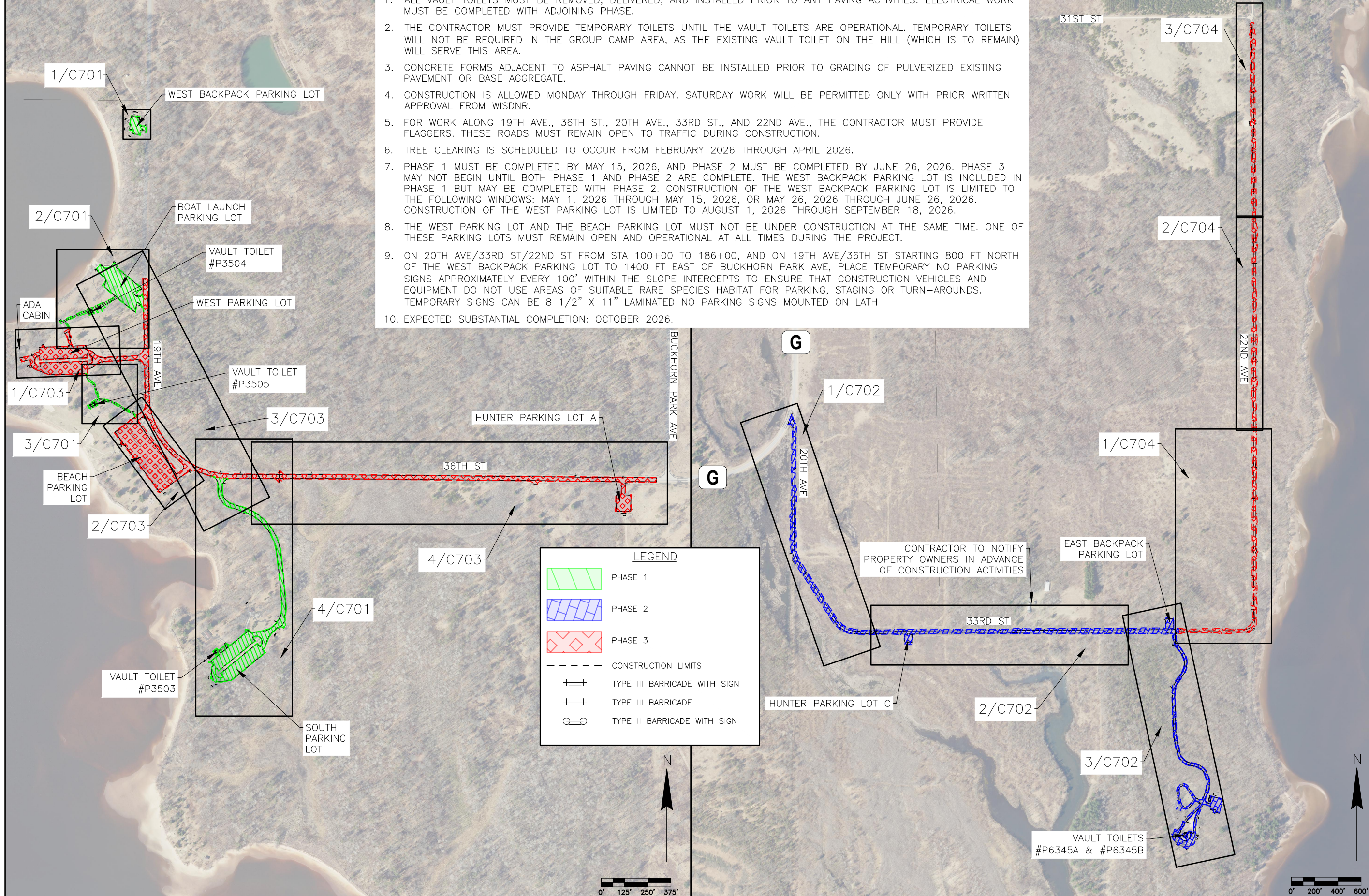
SCHEDULE OF WAYFINDING SIGNS (CONTINUED FROM 1/C510)

NTS

GENERAL NOTES

NOTES:

1. ALL VAULT TOILETS MUST BE REMOVED, DELIVERED, AND INSTALLED PRIOR TO ANY PAVING ACTIVITIES. ELECTRICAL WORK MUST BE COMPLETED WITH ADJOINING PHASE.
2. THE CONTRACTOR MUST PROVIDE TEMPORARY TOILETS UNTIL THE VAULT TOILETS ARE OPERATIONAL. TEMPORARY TOILETS WILL NOT BE REQUIRED IN THE GROUP CAMP AREA, AS THE EXISTING VAULT TOILET ON THE HILL (WHICH IS TO REMAIN) WILL SERVE THIS AREA.
3. CONCRETE FORMS ADJACENT TO ASPHALT PAVING CANNOT BE INSTALLED PRIOR TO GRADING OF PULVERIZED EXISTING PAVEMENT OR BASE AGGREGATE.
4. CONSTRUCTION IS ALLOWED MONDAY THROUGH FRIDAY. SATURDAY WORK WILL BE PERMITTED ONLY WITH PRIOR WRITTEN APPROVAL FROM WISDNR.
5. FOR WORK ALONG 19TH AVE., 36TH ST., 20TH AVE., 33RD ST., AND 22ND AVE., THE CONTRACTOR MUST PROVIDE FLAGGERS. THESE ROADS MUST REMAIN OPEN TO TRAFFIC DURING CONSTRUCTION.
6. TREE CLEARING IS SCHEDULED TO OCCUR FROM FEBRUARY 2026 THROUGH APRIL 2026.
7. PHASE 1 MUST BE COMPLETED BY MAY 15, 2026, AND PHASE 2 MUST BE COMPLETED BY JUNE 26, 2026. PHASE 3 MAY NOT BEGIN UNTIL BOTH PHASE 1 AND PHASE 2 ARE COMPLETE. THE WEST BACKPACK PARKING LOT IS INCLUDED IN PHASE 1 BUT MAY BE COMPLETED WITH PHASE 2. CONSTRUCTION OF THE WEST BACKPACK PARKING LOT IS LIMITED TO THE FOLLOWING WINDOWS: MAY 1, 2026 THROUGH MAY 15, 2026, OR MAY 26, 2026 THROUGH JUNE 26, 2026. CONSTRUCTION OF THE WEST PARKING LOT IS LIMITED TO AUGUST 1, 2026 THROUGH SEPTEMBER 18, 2026.
8. THE WEST PARKING LOT AND THE BEACH PARKING LOT MUST NOT BE UNDER CONSTRUCTION AT THE SAME TIME. ONE OF THESE PARKING LOTS MUST REMAIN OPEN AND OPERATIONAL AT ALL TIMES DURING THE PROJECT.
9. ON 20TH AVE/33RD ST/22ND ST FROM STA 100+00 TO 186+00, AND ON 19TH AVE/36TH ST STARTING 800 FT NORTH OF THE WEST BACKPACK PARKING LOT TO 1400 FT EAST OF BUCKHORN PARK AVE, PLACE TEMPORARY NO PARKING SIGNS APPROXIMATELY EVERY 100' WITHIN THE SLOPE INTERCEPTS TO ENSURE THAT CONSTRUCTION VEHICLES AND EQUIPMENT DO NOT USE AREAS OF SUITABLE RARE SPECIES HABITAT FOR PARKING, STAGING OR TURN-AROUNDS. TEMPORARY SIGNS CAN BE 8 1/2" X 11" LAMINATED NO PARKING SIGNS MOUNTED ON LATH
10. EXPECTED SUBSTANTIAL COMPLETION: OCTOBER 2026.



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W8430 BUCKHORN PARK AVENUE
TOWN OF GERMANTOWN, WI 53950

ROADWAY AND PARKING LOT PAVING
BUCKHORN STATE PARK
DEPARTMENT OF NATURAL RESOURCES
TOWN OF GERMANTOWN, WISCONSIN

Sheet Title:

SITE PHA

SITE PHASING PLAN – LAYOUT OVERVIEW

Revisions:

No.	Date:	Description:

Graphic
Scale

VARIES

DFD
Number

4G1G

Set
Type

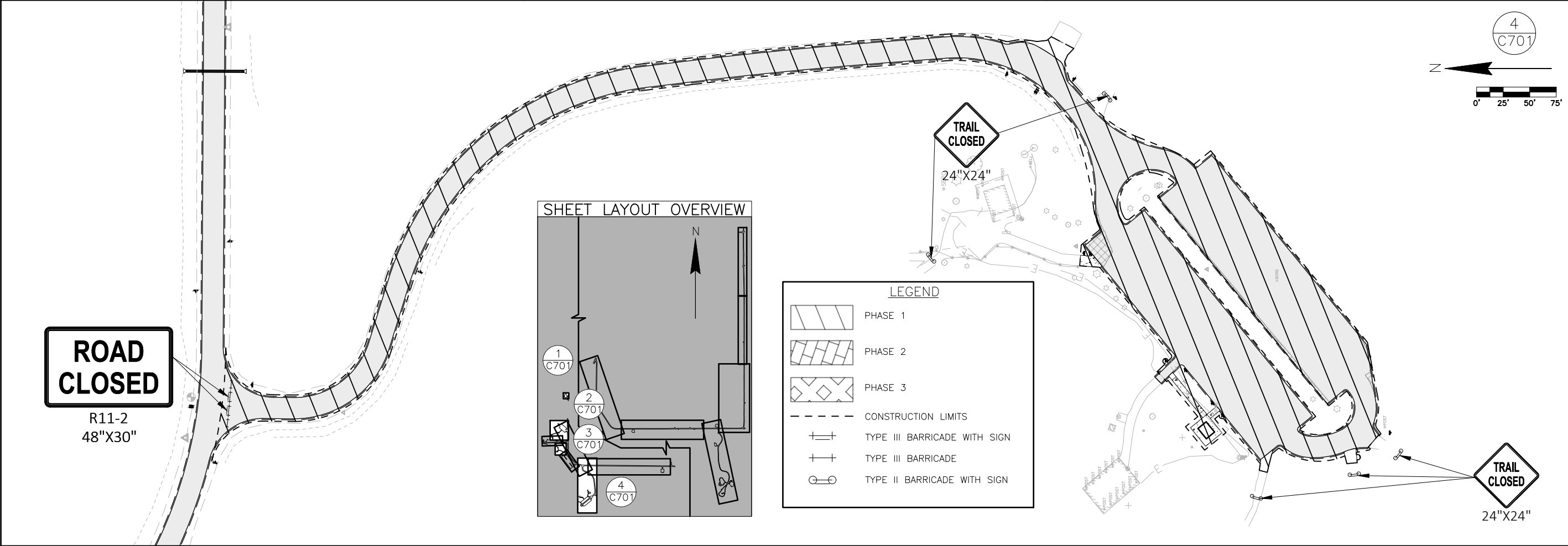
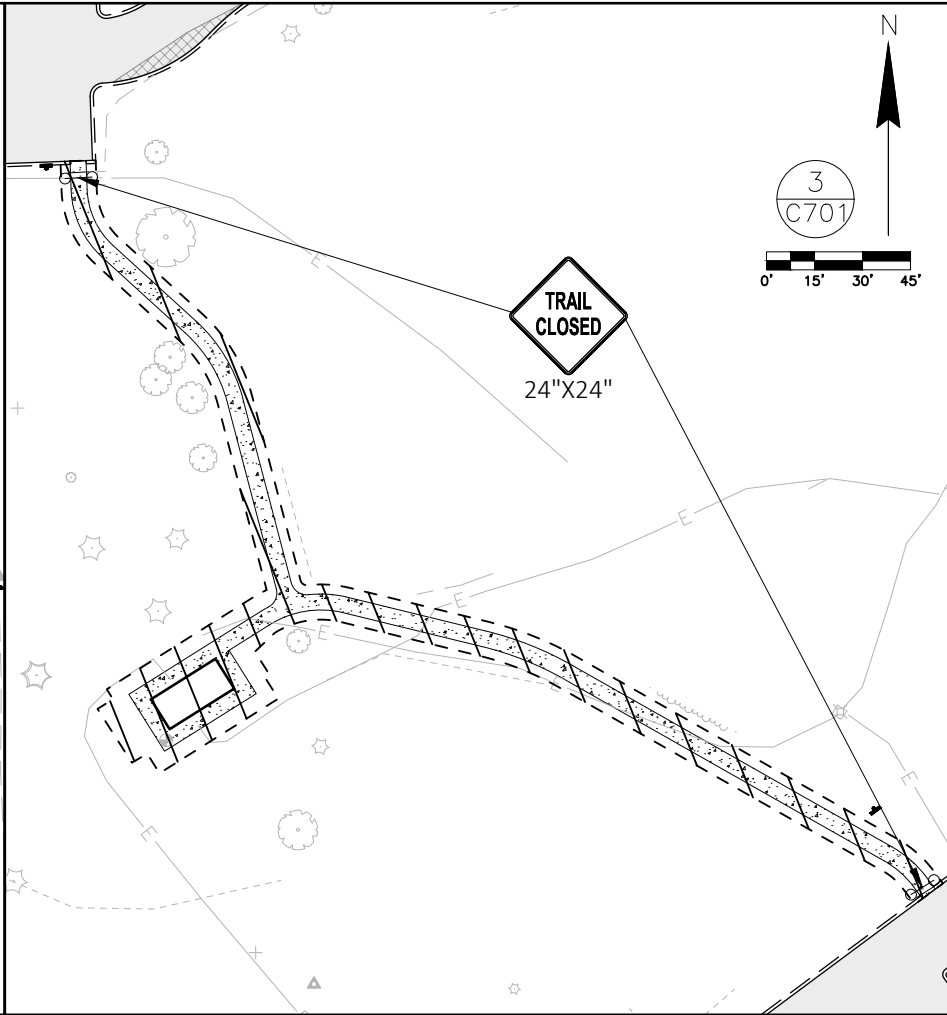
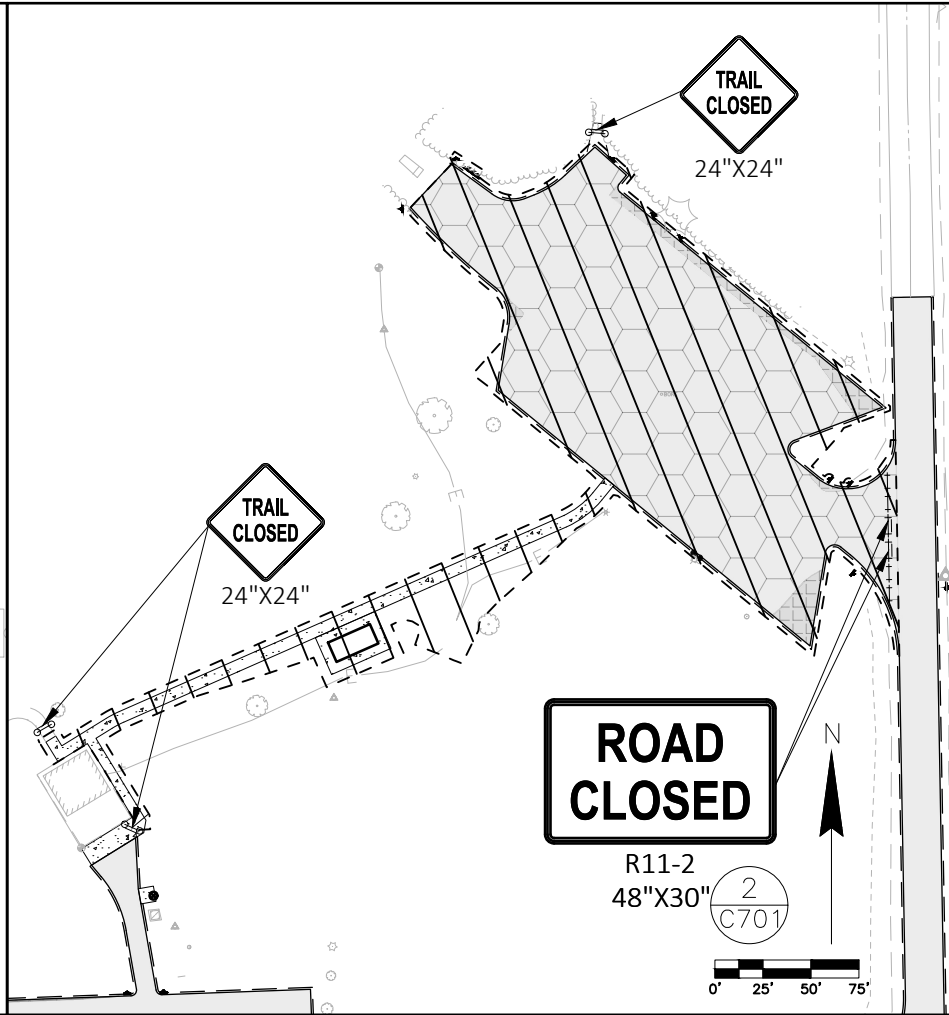
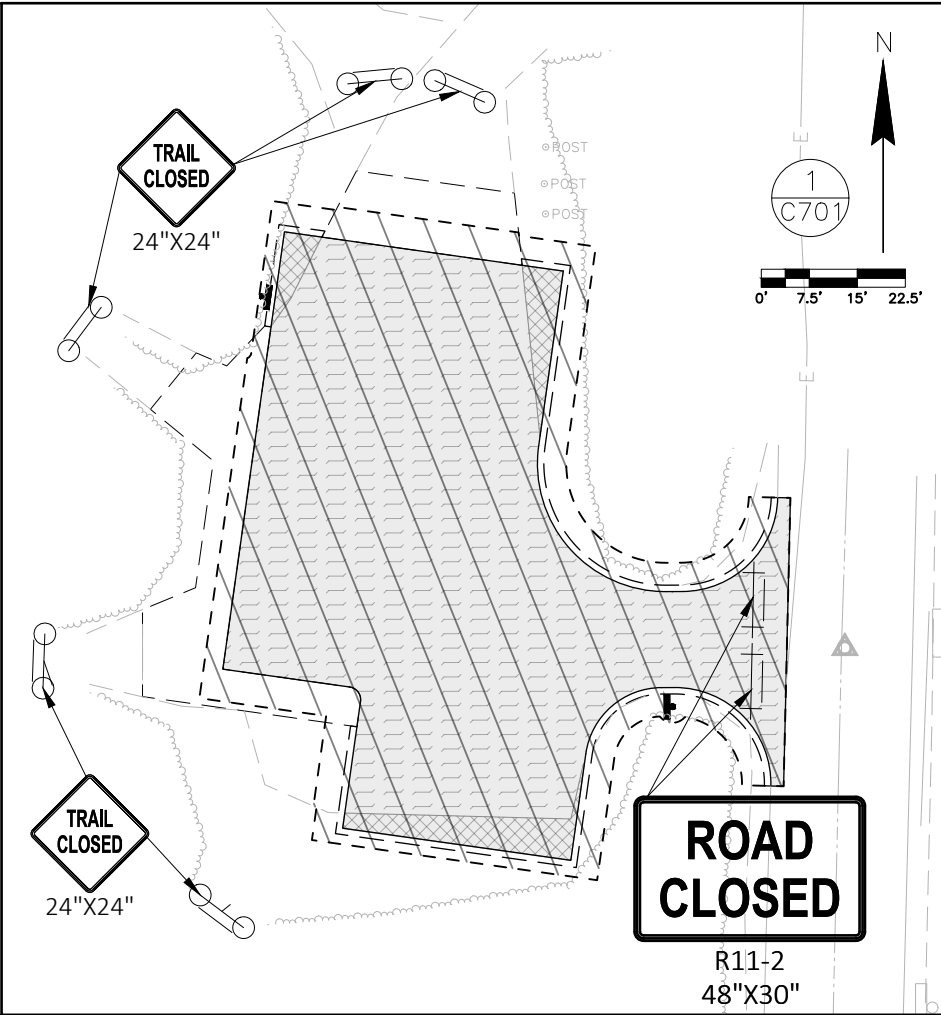
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ROADWAY AND PARKING LOT PAVING
BUCKHORN STATE PARK
DEPARTMENT OF NATURAL RESOURCES
TOWN OF GERMANTOWN, WISCONSIN

Sheet Title:
SITE PHASING PLAN - PHASE 1

Revisions:

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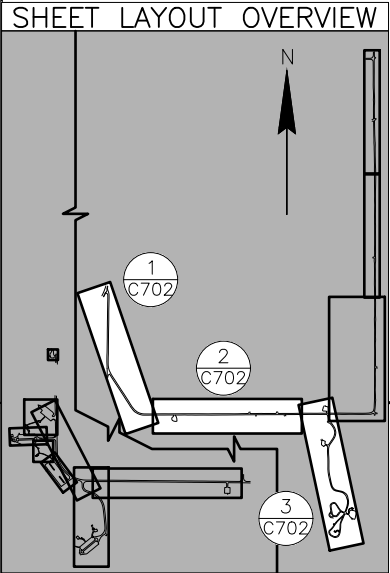
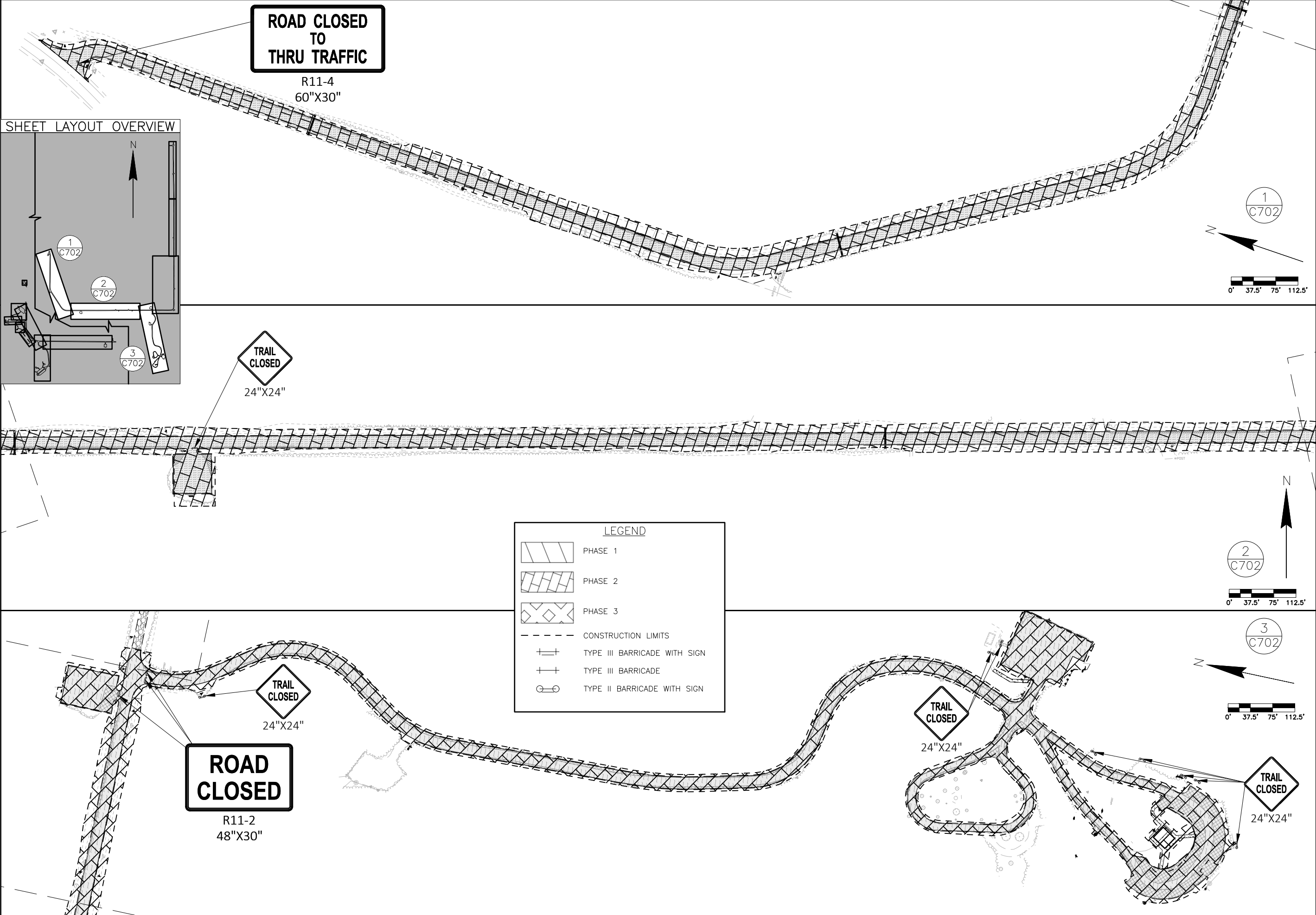
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Set Type: BD

Date Issued: 11/14/2025

Sheet Number: C701



LEGEND

- PHASE 1
- PHASE 2
- PHASE 3
- CONSTRUCTION LIMITS
- TYPE III BARRICADE WITH SIGN
- TYPE III BARRICADE
- TYPE II BARRICADE WITH SIGN

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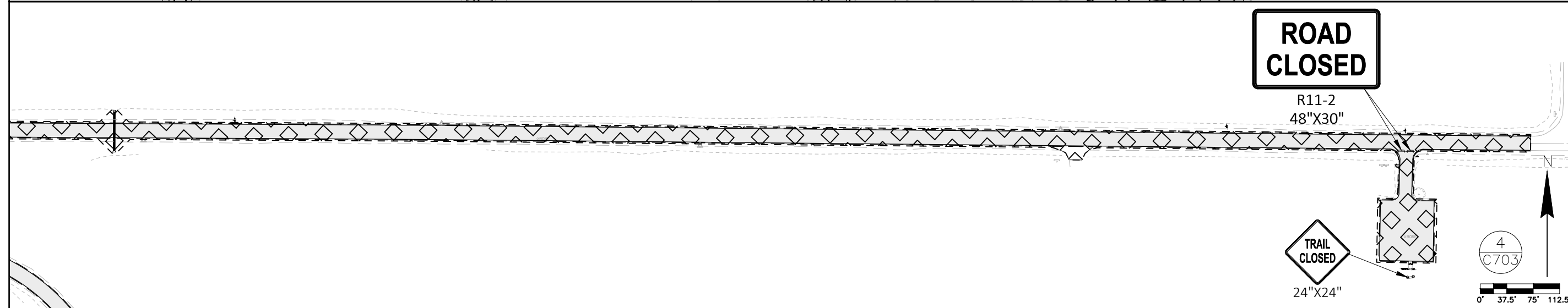
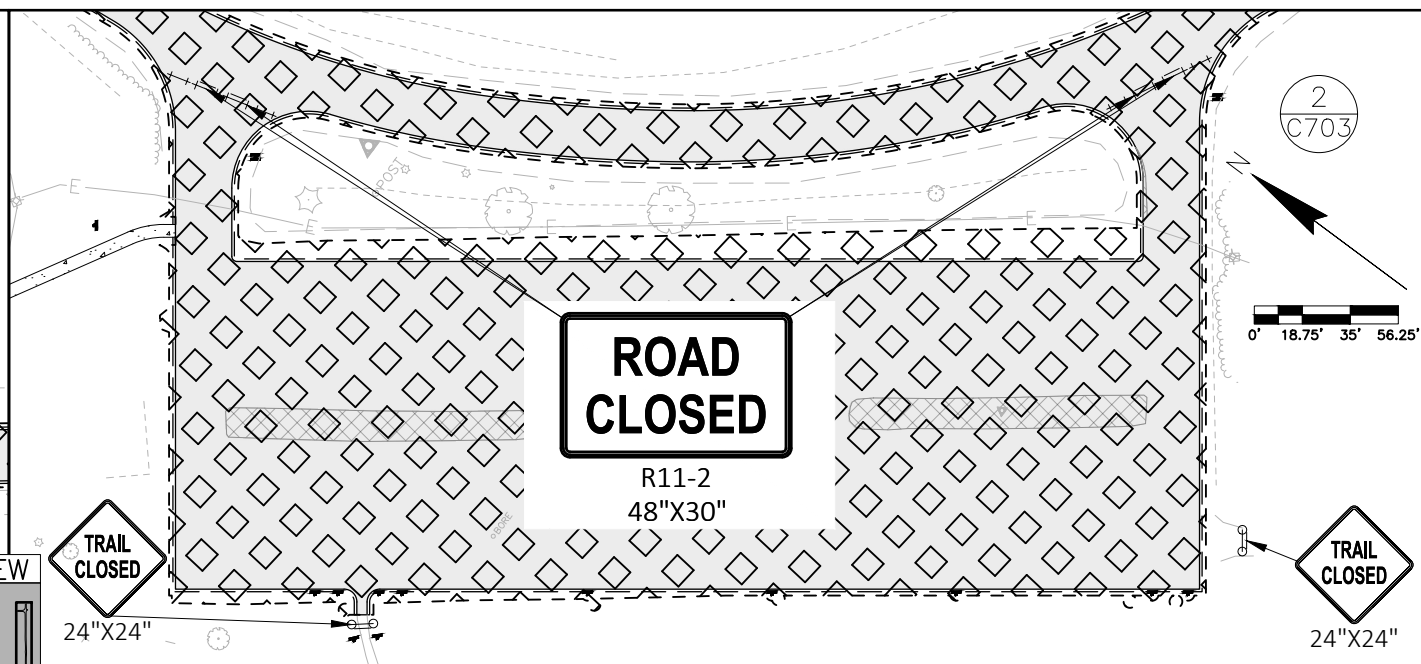
W8450 BUCKHORN PARK AVENUE
TOWN OF GERMANTOWN, WI 53950

**ROADWAY AND PARKING LOT PAVING
BUCKHORN STATE PARK
DEPARTMENT OF NATURAL RESOURCES
TOWN OF GERMANTOWN, WISCONSIN**

Sheet Title:
SITE PHASING PLAN - PHASE 2

Revisions:		
No.	Date:	Description:

Graphic Scale	VARIES
DFD Number	24C1G
Set Type	BD
Date Issued	11/14/2025
Sheet Number	C702



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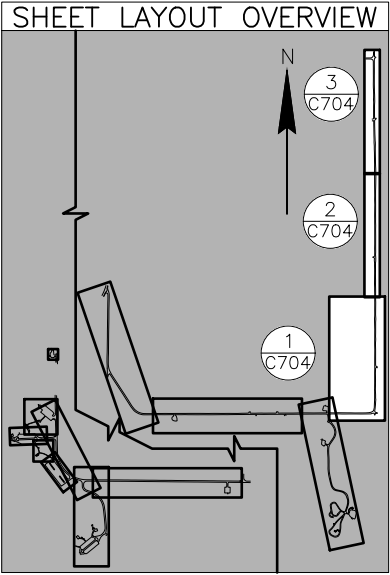
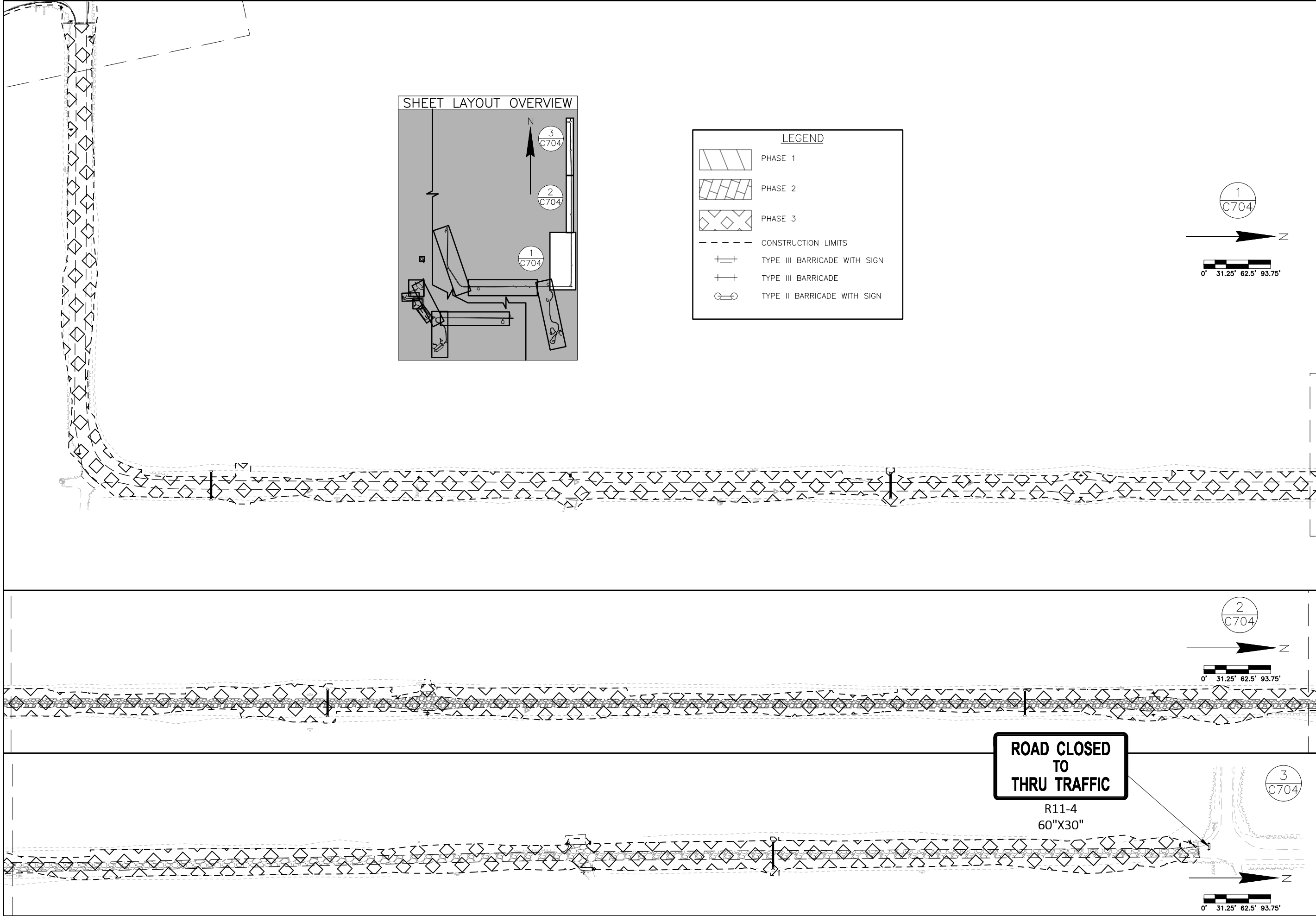
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WB450 BUCKHORN PARK AVENUE
TOWN OF GERMANTOWN, WI 53950

ROADWAY AND PARKING LOT PAVING
BUCKHORN STATE PARK
DEPARTMENT OF NATURAL RESOURCES
TOWN OF GERMANTOWN, WISCONSIN

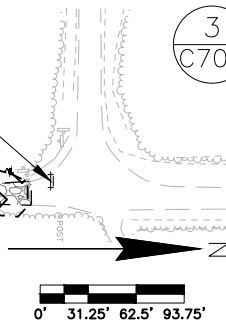
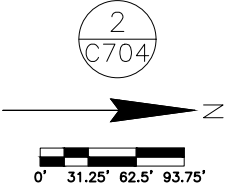
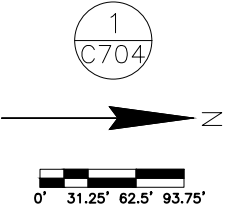
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SITE PHASING PLAN - PHASE 3
SOUTH SITE

Revisions:		
No.	Date:	Description:
Graphic Scale	 VARIES	
DFD Number	24G1G	
Set Type	BD	
Date Issued	11/14/2025	
Sheet Number	C703	



LEGEND

- PHASE 1
- PHASE 2
- PHASE 3
- CONSTRUCTION LIMITS
- TYPE III BARRICADE WITH SIGN
- TYPE III BARRICADE
- TYPE II BARRICADE WITH SIGN



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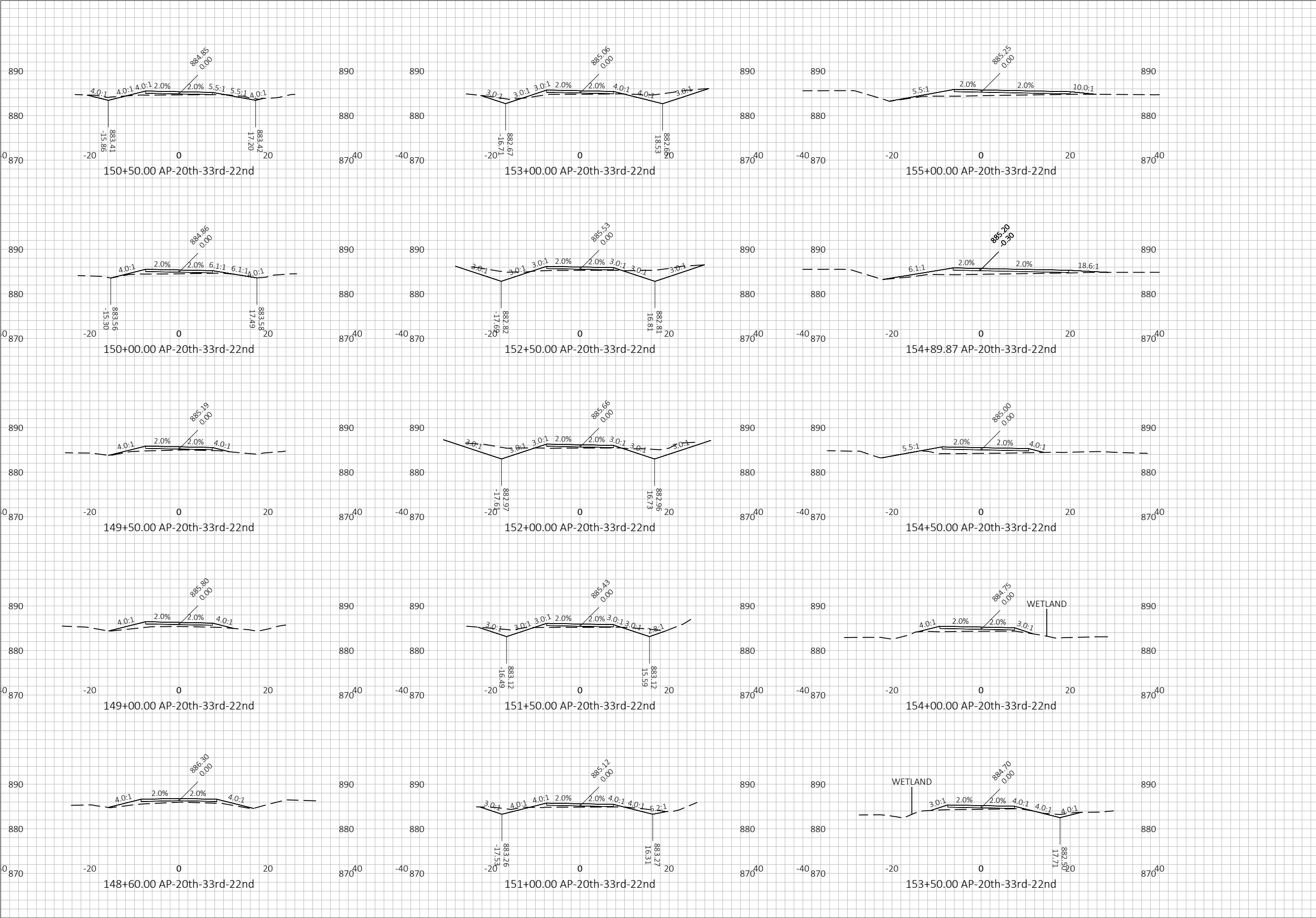
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ROADWAY AND PARKING LOT PAVING
BUCKHORN STATE PARK
DEPARTMENT OF NATURAL RESOURCES
TOWN OF GERMANTOWN, WISCONSIN

Sheet Title:
SITE PHASING PLAN - PHASE 3
NORTH SITE

Revisions:	
No.	Description:

Graphic Scale	
DFD Number	24C1G
Set Type	BD
Date Issued	11/14/2025
Sheet Number	C704





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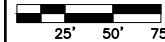
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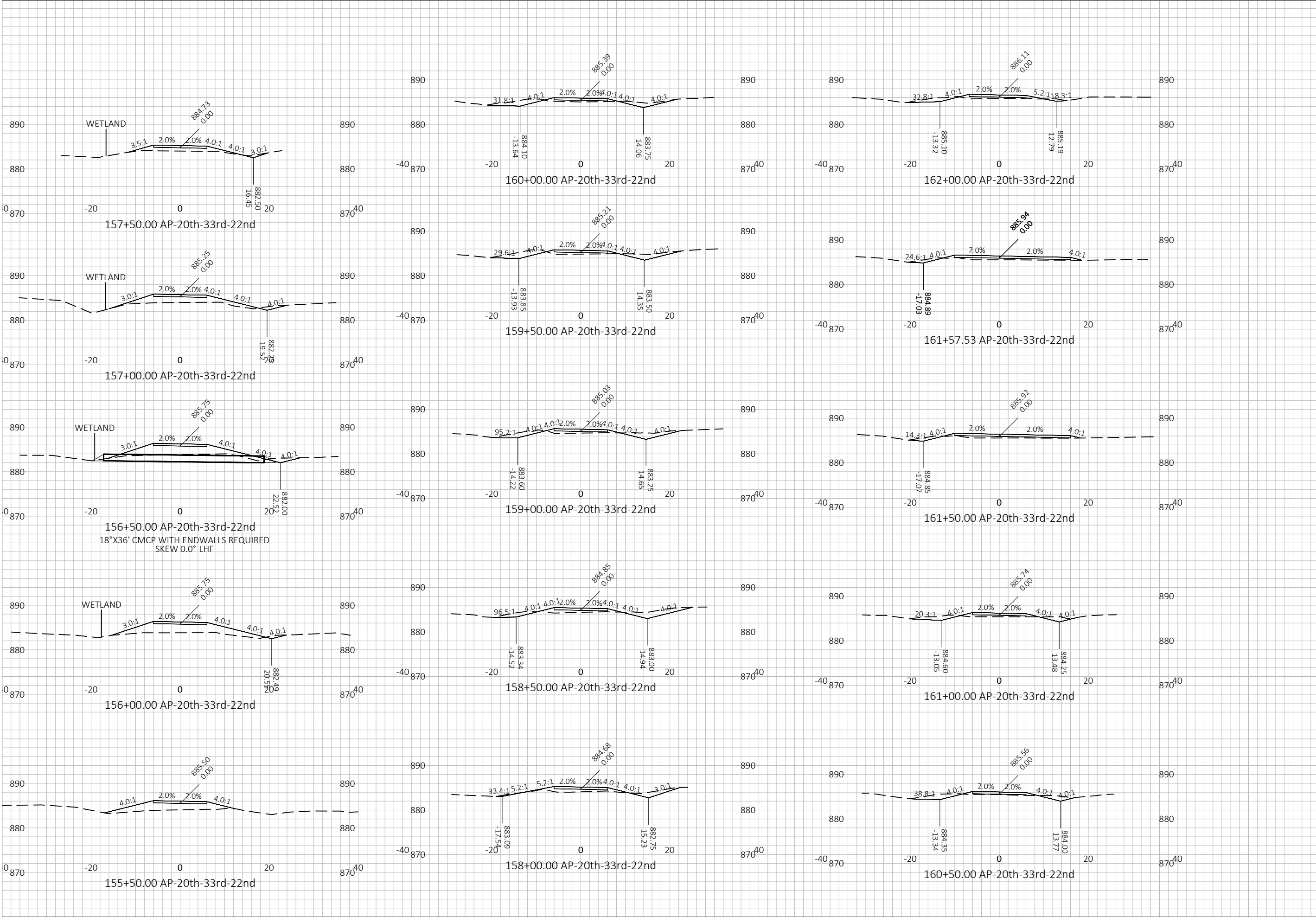


ROADWAY AND PARKING LOT PAVING
BUCKHORN STATE PARK
DEPARTMENT OF NATURAL RESOURCES
TOWN OF GERMANTOWN, WISCONSIN

Sheet Title:
CROSS SECTIONS

Revisions:		
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Graphic Scale	
DFD Number	24C1G
Set Type	BD
Date Issued	11/14/2025
Sheet Number	C800





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DEPARTMENT OF NATURAL RESOURCES
TOWN OF GERMANTOWN, WISCONSIN

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Revisions:
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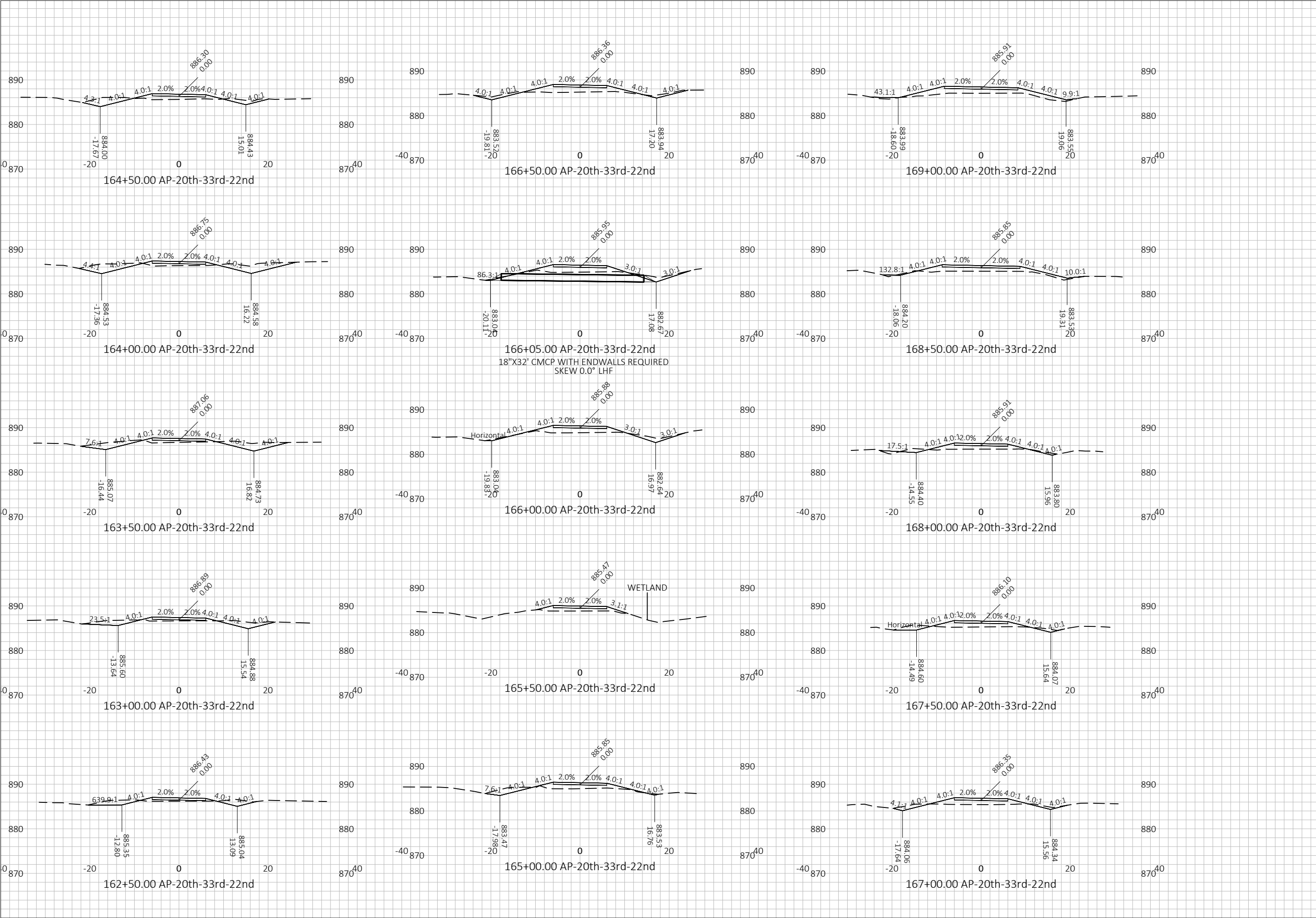
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DFD Number
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Set Type
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Date Issued
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Sheet Number
C801





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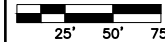
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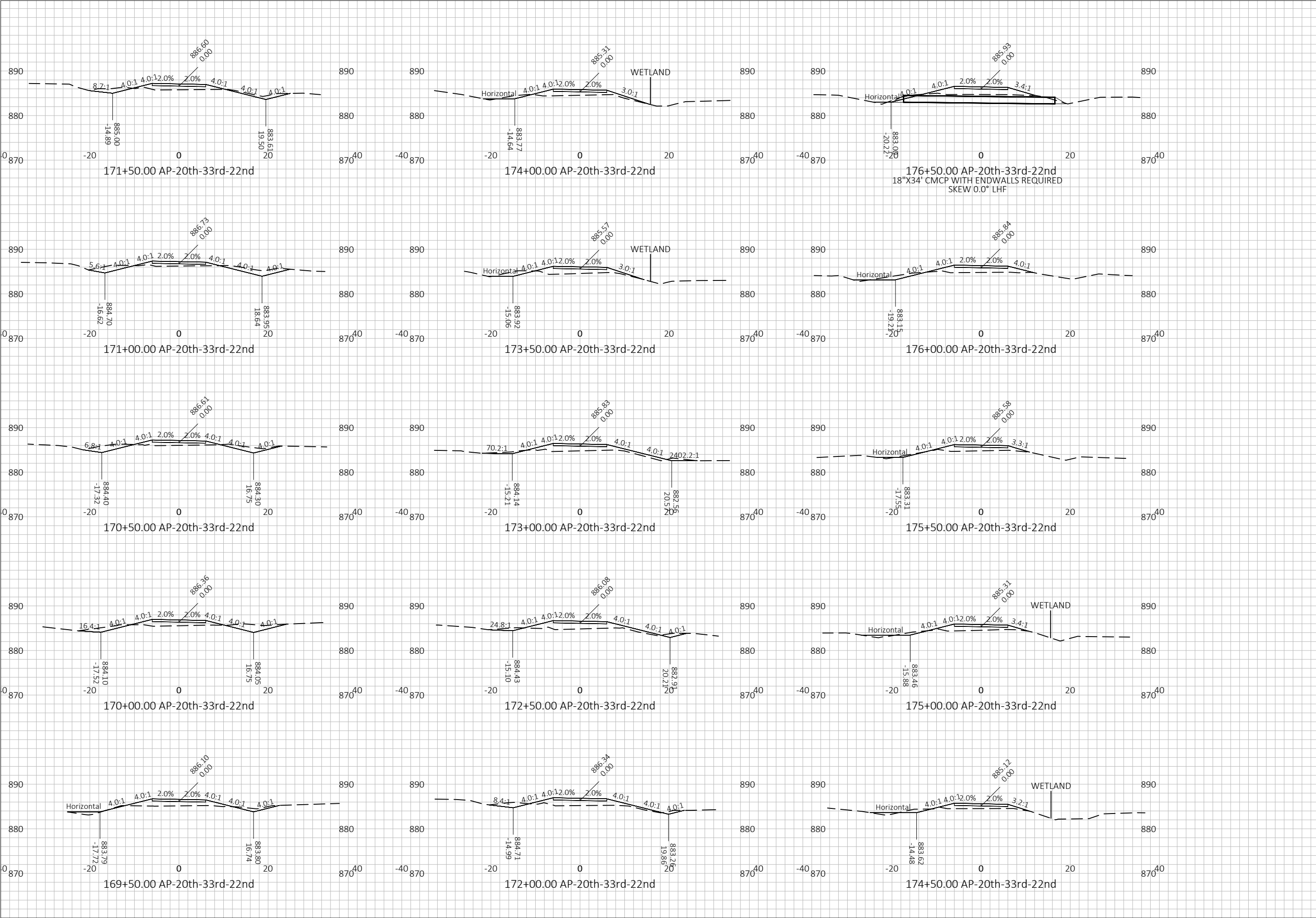


ROADWAY AND PARKING LOT PAVING
BUCKHORN STATE PARK
DEPARTMENT OF NATURAL RESOURCES
TOWN OF GERMANTOWN, WISCONSIN

Sheet Title:
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Revisions:		
No.	Date:	Description:

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DFD Number	24C1G
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Date Issued	11/14/2025
Sheet Number	C802





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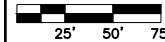
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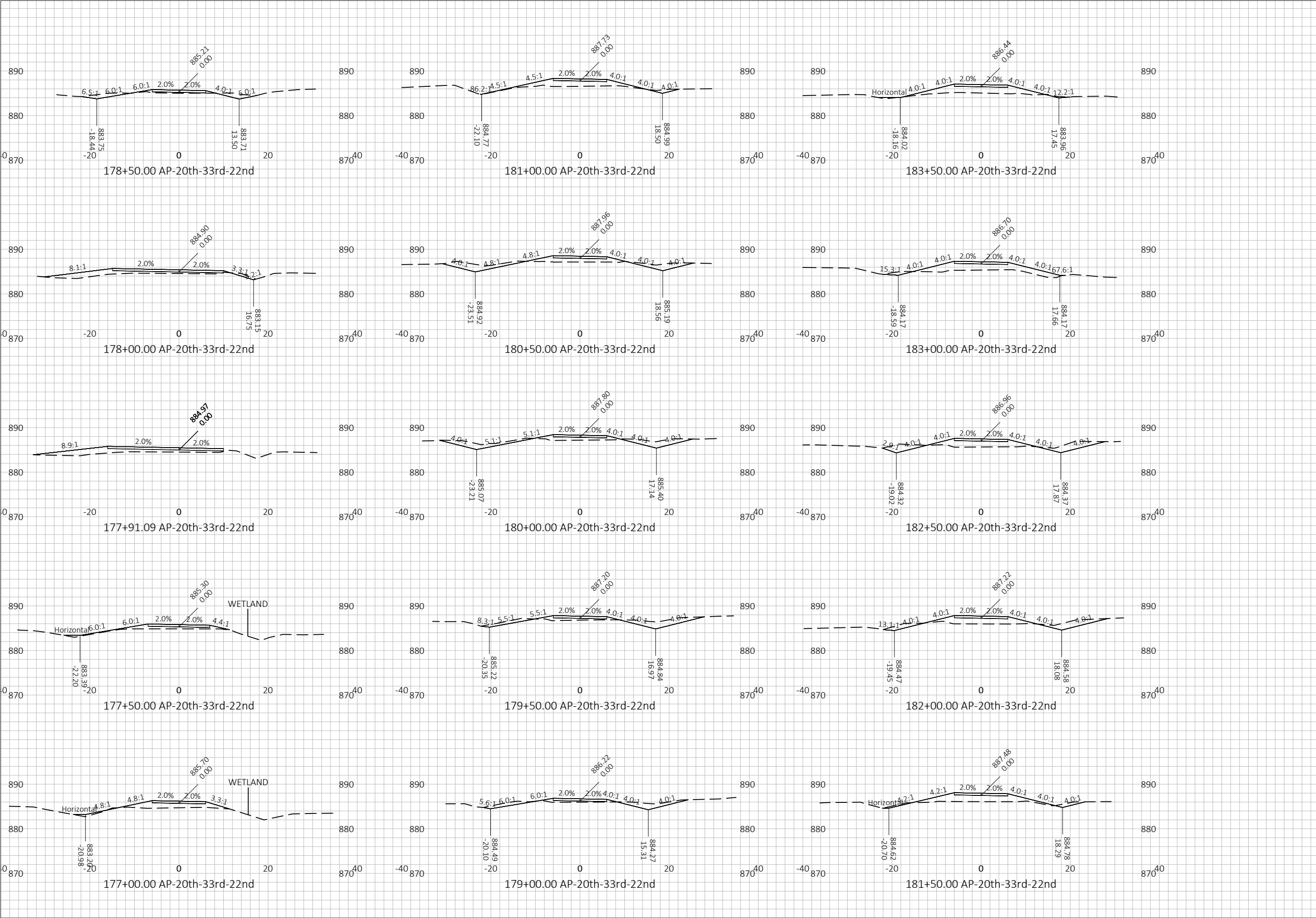


ROADWAY AND PARKING LOT PAVING
BUCKHORN STATE PARK
DEPARTMENT OF NATURAL RESOURCES
TOWN OF GERMANTOWN, WISCONSIN

Sheet Title:
CROSS SECTIONS

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DFD Number	24C1G
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Date Issued	11/14/2025
Sheet Number	C803





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ROADWAY AND PARKING LOT PAVING
BUCKHORN STATE PARK
DEPARTMENT OF NATURAL RESOURCES
TOWN OF GERMANTOWN, WISCONSIN

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Revisions:
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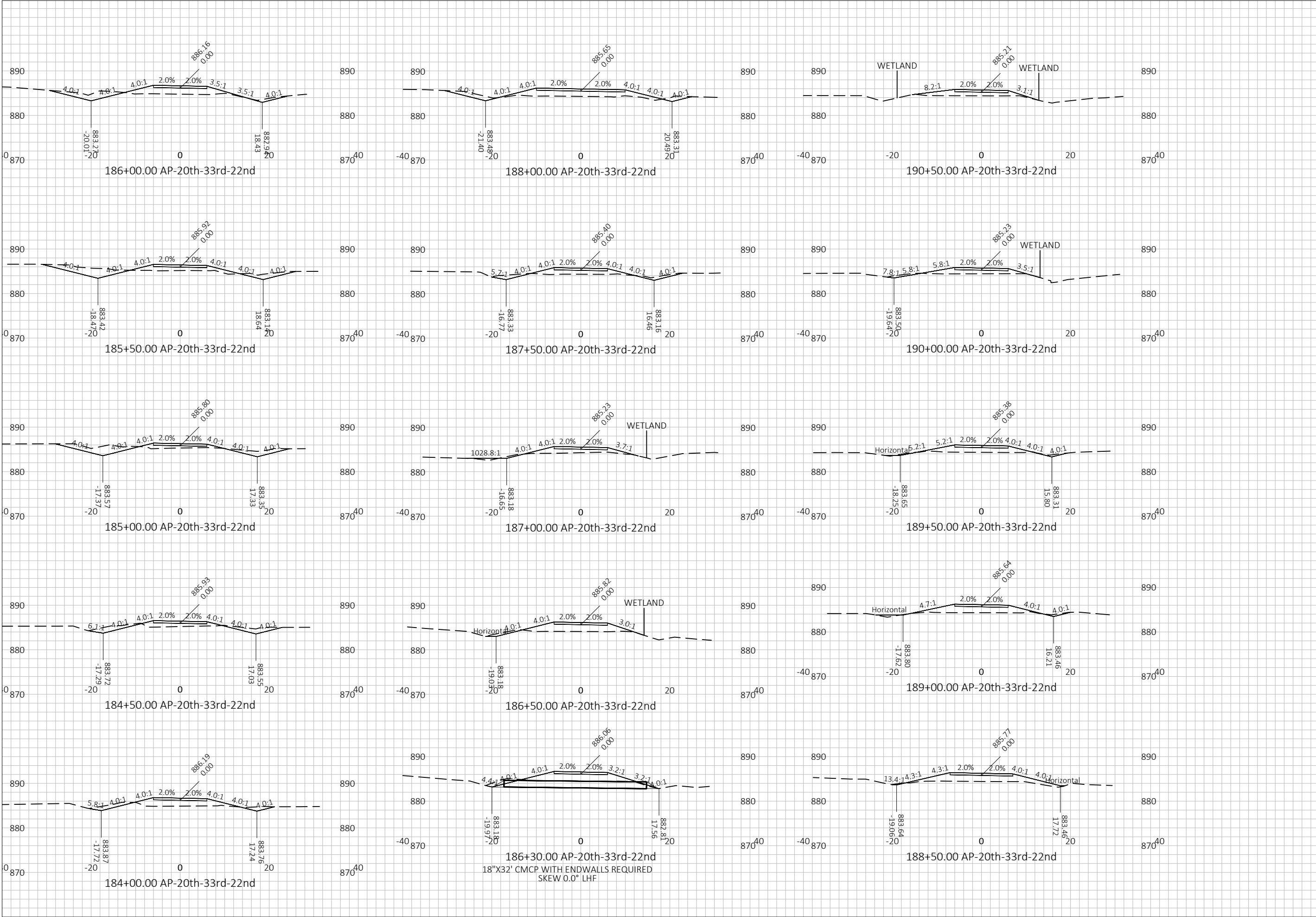
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Set Type
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Date Issued
11/14/2025

Sheet Number
C804





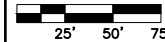
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PHONE: 608.673.4400
KAPURINC.COM
PROJECT NUMBER: 25.0133

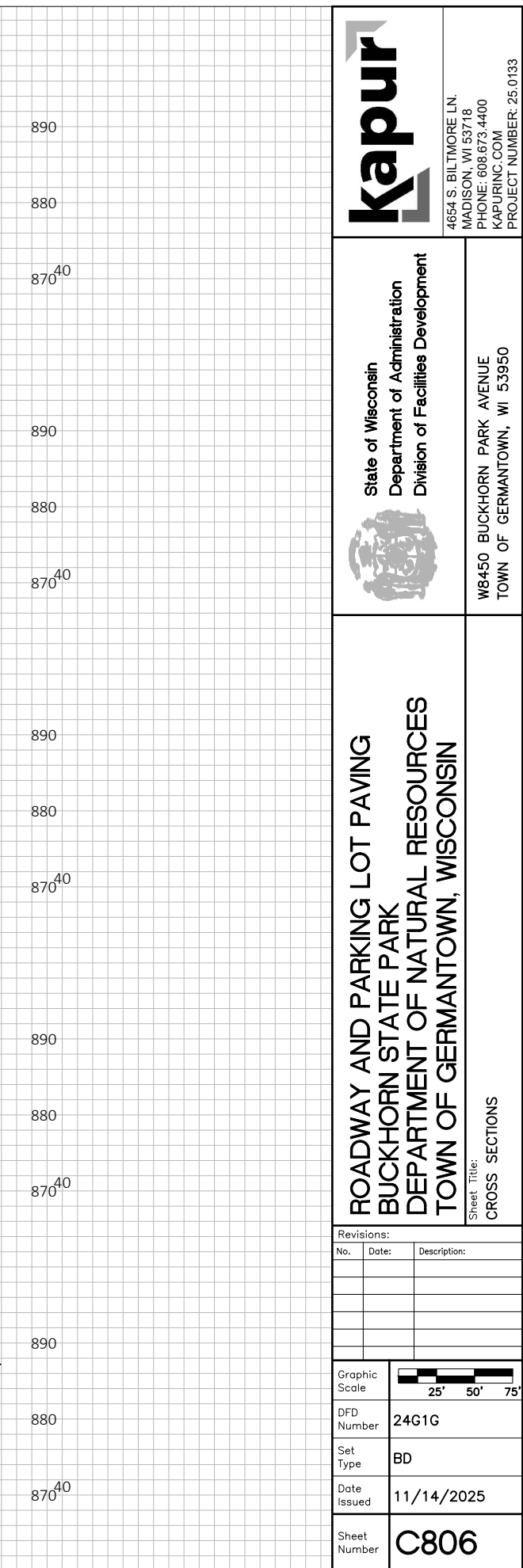
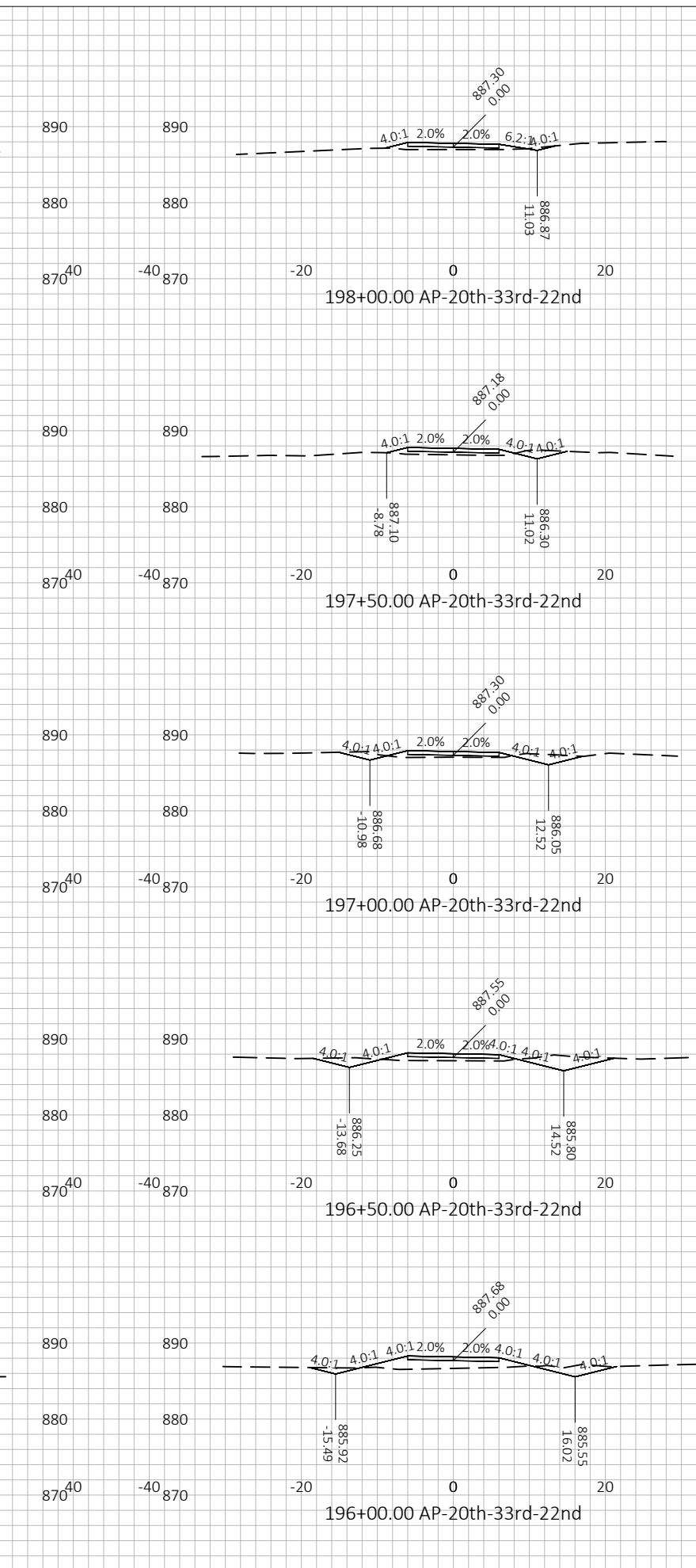
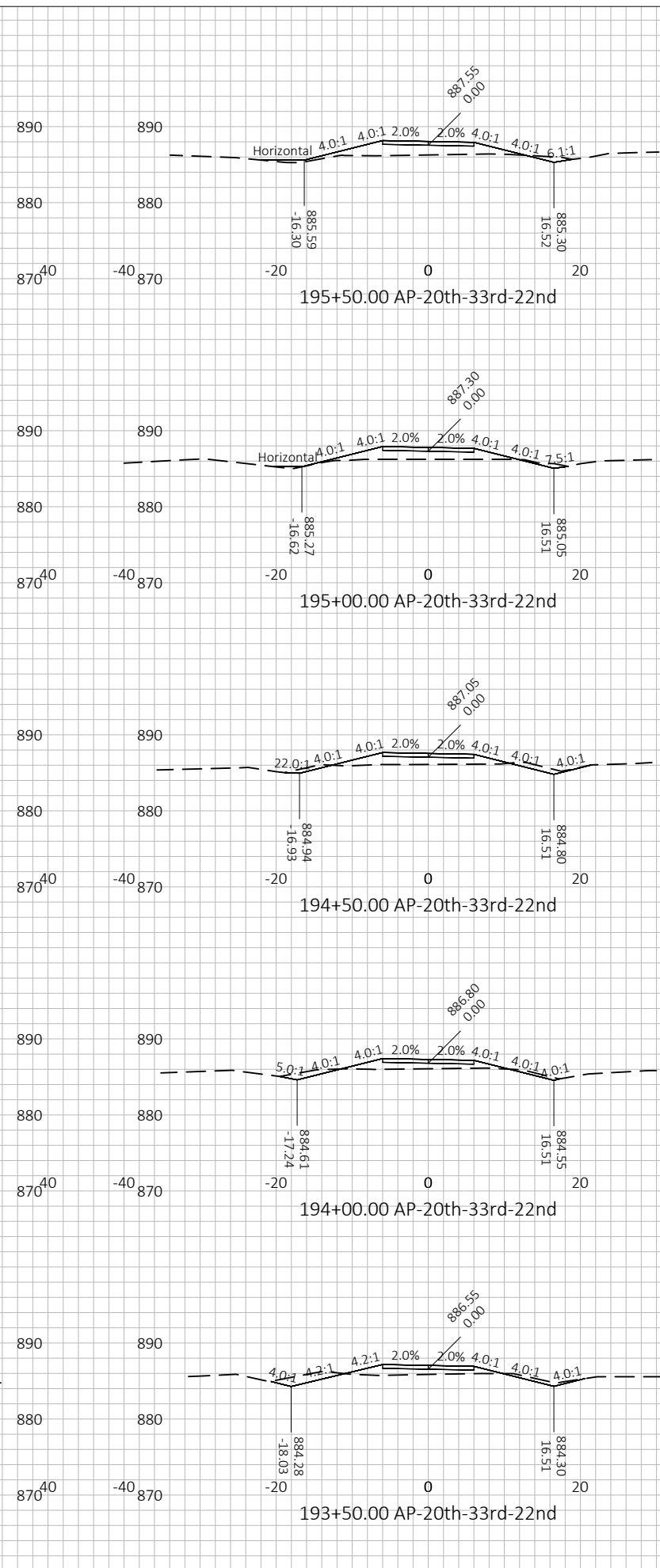
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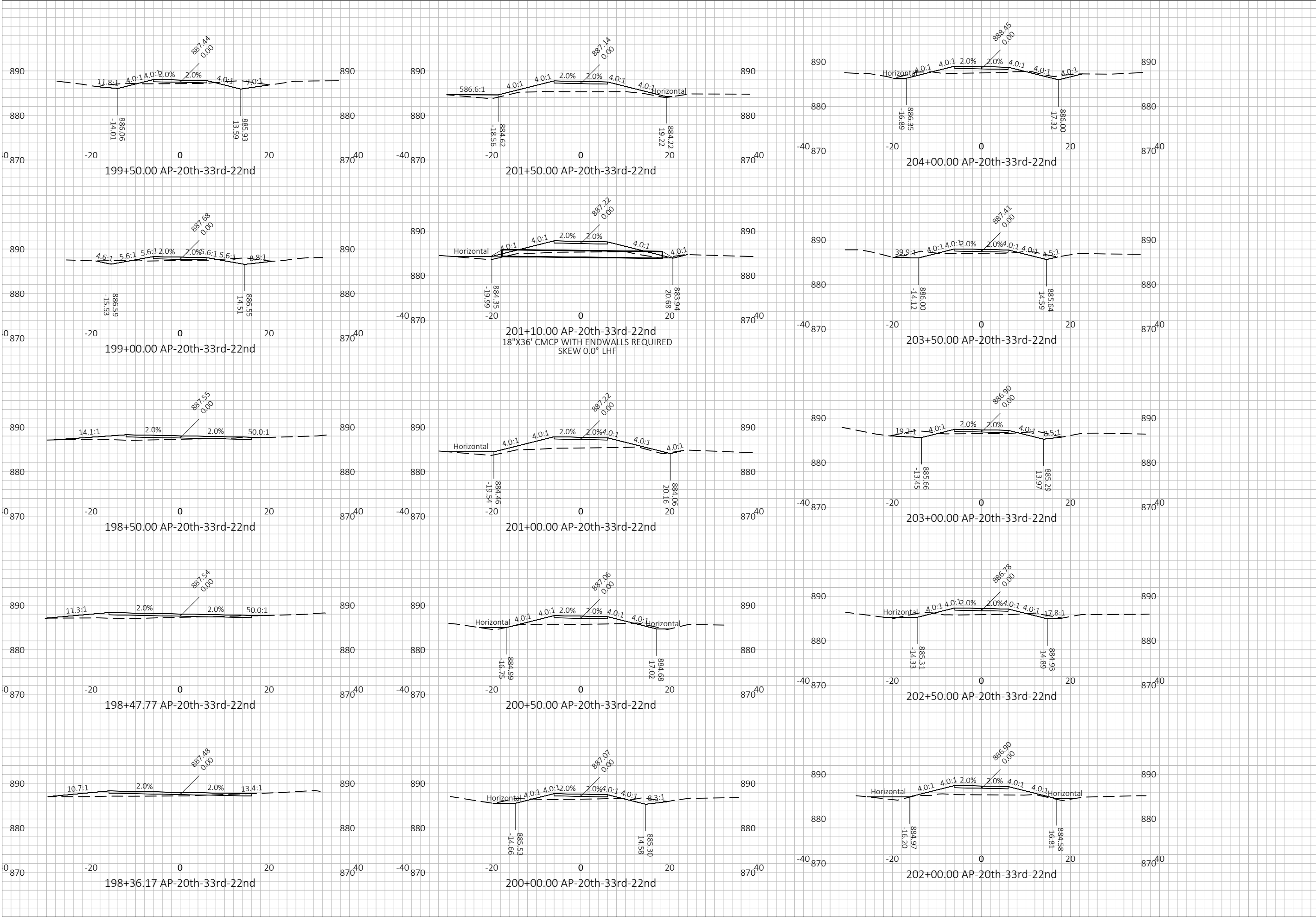


ROADWAY AND PARKING LOT PAVING
BUCKHORN STATE PARK
DEPARTMENT OF NATURAL RESOURCES
TOWN OF GERMANTOWN, WISCONSIN

Sheet Title:
CROSS SECTIONS

Revisions:		
No.	Date:	Description:
Graphic Scale		
DFD Number	24C1G	
Set Type	BD	
Date Issued	11/14/2025	
Sheet Number	C805	







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ROADWAY AND PARKING LOT PAVING
BUCKHORN STATE PARK
DEPARTMENT OF NATURAL RESOURCES
TOWN OF GERMANTOWN, WISCONSIN

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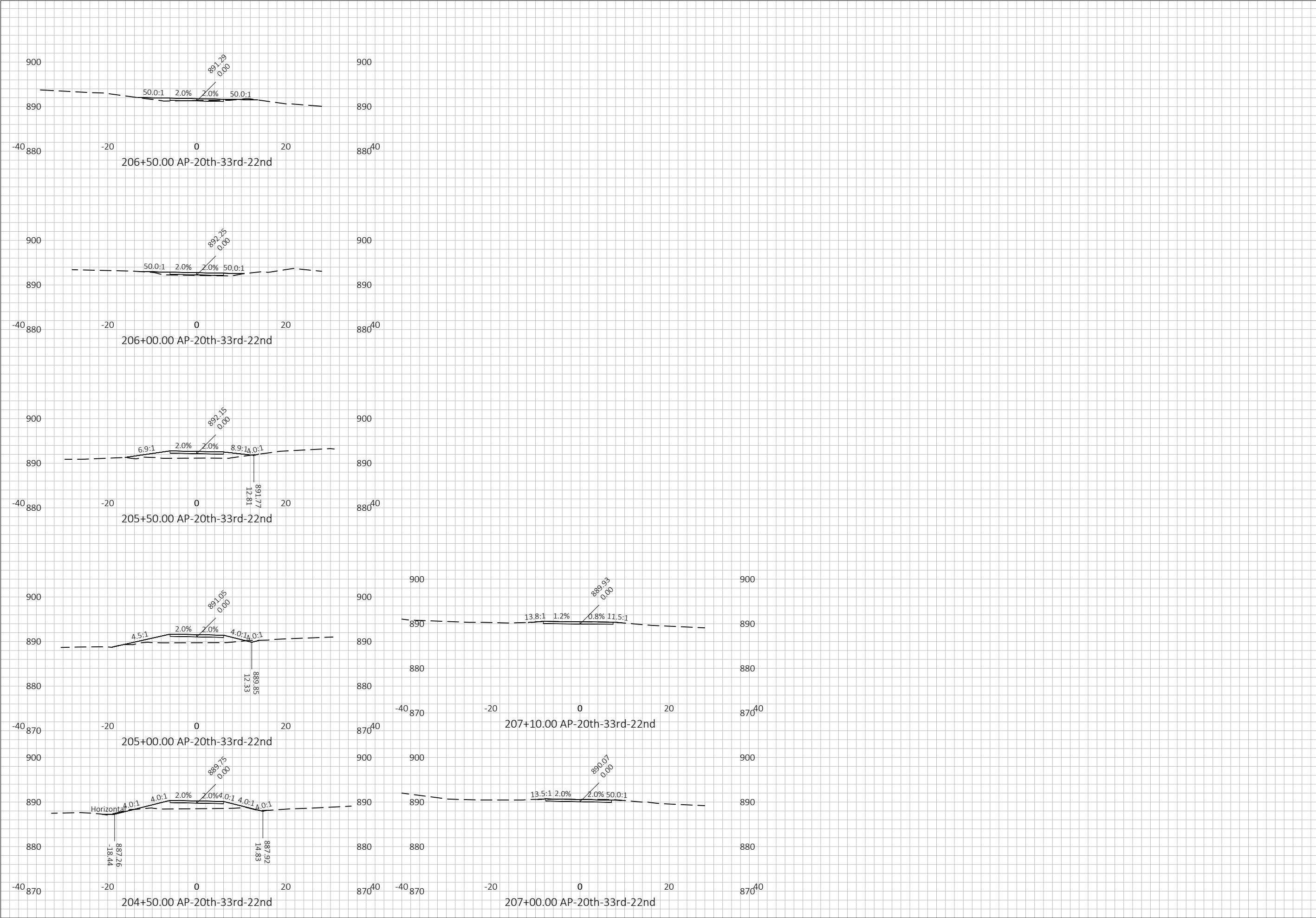
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Set Type
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Date Issued
11/14/2025

Sheet Number
C807





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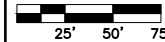


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W8450 BUCKHORN PARK AVENUE
TOWN OF GERMANTOWN, WI 53950

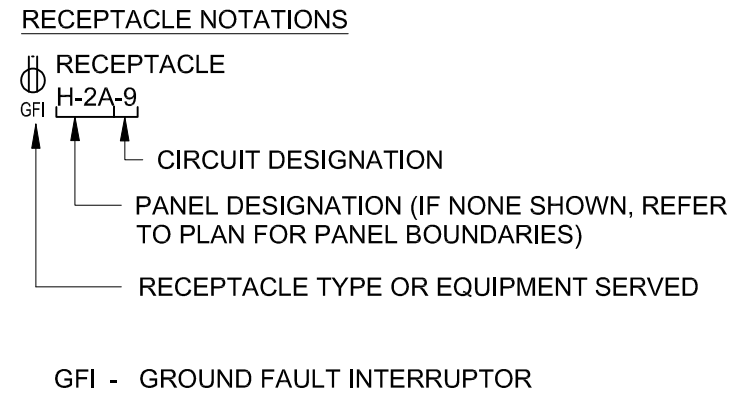
ROADWAY AND PARKING LOT PAVING
BUCKHORN STATE PARK
DEPARTMENT OF NATURAL RESOURCES
TOWN OF GERMANTOWN, WISCONSIN

Sheet Title:
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Set Type	BD	
Date Issued	11/14/2025	
Sheet Number	C808	

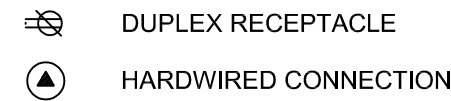
ELECTRICAL SYMBOLS AND ANNOTATIONS:

POWER

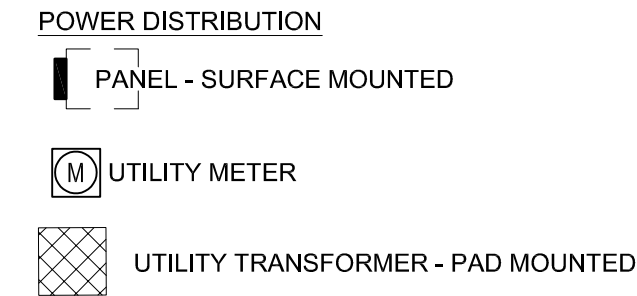


POWER CONNECTION TYPES

ALL RECEPTACLES WALL MOUNTED AT 18" AFF TO CENTER OF DEVICE UNLESS NOTED OTHERWISE

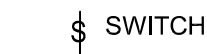


EQUIPMENT



LIGHTING CONTROLS

CONTROLS NOTATIONS



ABBREVIATIONS

EC ELECTRICAL CONTRACTOR
ETR EXISTING TO REMAIN

LINE TYPES

— — — DEMOLITION WORK
——— EXISTING WORK
———— NEW WORK

ELECTRICAL SHEET INDEX

E000 - SYMBOLS AND ABBREVIATIONS - ELECTRICAL
E101 - VAULT TOILET #3504 - ELECTRICAL DEMOLITION
E102 - VAULT TOILET #3505 - ELECTRICAL DEMOLITION
E103 - VAULT TOILET #3503 - ELECTRICAL DEMOLITION
E104 - VAULT TOILET #6345 - ELECTRICAL DEMOLITION
E201 - VAULT TOILET #P3504 - ELECTRICAL NEW WORK
E202 - VAULT TOILET #P3505 - ELECTRICAL NEW WORK
E203 - VAULT TOILET #P3503 - ELECTRICAL NEW WORK
E204 - VAULT TOILET #P6345A & #P6345B - ELECTRICAL NEW WORK
E601 - ONE-LINE DIAGRAM - DEMOLITION
E602 - ONE-LINE DIAGRAM - NEW WORK
E801 - ELECTRICAL PANEL SCHEDULES
E802 - ELECTRICAL PANEL SCHEDULES
E901 - ELECTRICAL DETAILS
E902 - ELECTRICAL DETAILS
E903 - ELECTRICAL DETAILS

GENERAL NOTES:

- REFER TO SHEET E000 FOR ALL SYMBOLS AND ABBREVIATIONS.
- REFER TO TEMPORARY ELECTRICAL WORK SECTION IN DIVISION 1 GENERAL REQUIREMENTS OF PROJECT MANUAL FOR ALL TEMPORARY ELECTRICAL REQUIREMENTS.
- EQUIPMENT LOCATIONS SHOWN ARE APPROXIMATE AND SHALL BE FIELD VERIFIED.
- CONTRACTOR SHALL THOROUGHLY FAMILIARIZE THEMSELVES WITH EXISTING ELECTRICAL SYSTEMS WHICH WILL BE AFFECTED BY THE DEMOLITION WORK. CONTRACTOR SHALL OBTAIN PERMISSION FROM DNR OFFICER TO SHUT-OFF SERVICES OR SYSTEMS WHICH MAY AFFECT OTHER AREAS BEYOND THE LIMITS OF THE IMMEDIATE DEMOLITION AREA. SUCH PERMISSION WILL BE GRANTED ONLY AFTER DNR OFFICER IS INFORMED AS TO THE REASON FOR AND DURATION OF THE SHUTDOWN AND IS SATISFIED THAT THE SHUTDOWN CAN BE MADE WITH AS LITTLE INCONVENIENCE TO THE OTHER AREAS AS POSSIBLE.
- ELECTRICAL CONTRACTOR TO DE-ENERGIZE ANY/ALL EQUIPMENT DESIGNATED FOR DEMOLITION PRIOR TO REMOVAL.
- WHERE EXISTING PANELS ARE BEING REUSED, PROVIDE NEW BREAKER(S) IN EXISTING PANEL(S) TO FEED ANY/ALL NEW LOADS SHOWN ON PLANS.
- ALL EXISTING ELECTRICAL EQUIPMENT NOTED WITH A SUBSCRIPT "ETR" SHALL BE PROPERLY PROTECTED AGAINST DAMAGE DURING THE PERIOD OF THIS RENOVATION.

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PROJECT NUMBER: 25.0133

State of Wisconsin
Department of Administration
Division of Facilities Development

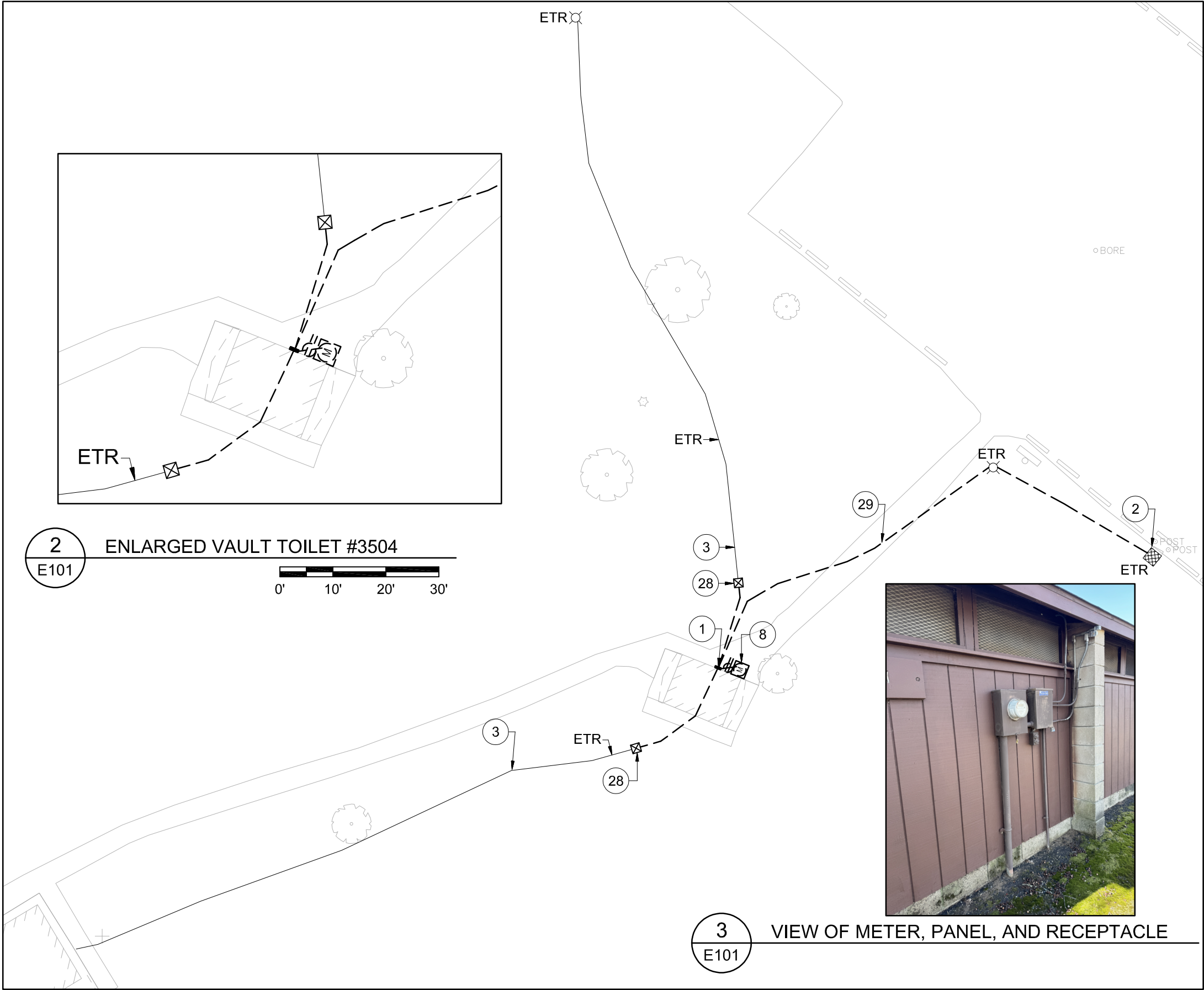


W8450 BUCKHORN PARK AVENUE
TOWN OF GERMANTOWN, WI 53950

ROADWAY AND PARKING LOT PAVING
BUCKHORN STATE PARK
DEPARTMENT OF NATURAL RESOURCES
TOWN OF GERMANTOWN, WISCONSIN

Sheet Title:
SYMBOLS AND ABBREVIATIONS – ELECTRICAL

Revisions:		
No.	Date:	Description:
Graphic Scale	 NTS	
DFD Number	24G1G	
Set Type	BD	
Date Issued	11/14/2025	
Sheet Number	E000	



1
E101

VAULT TOILET #3504 - ELECTRICAL DEMOLITION

3
E101

VIEW OF METER, PANEL, AND RECEPTACLE

NOTES:

1. REFER TO SHEET E000 FOR ALL GENERAL NOTES.

KEYED NOTES:

1. EXISTING PIT TOILET TO BE REMOVED BY G.C. E.C. TO DISCONNECT ALL ELECTRICAL CONNECTIONS, CONDUIT, AND CONDUCTORS FEEDING EXISTING PIT TOILETS AND PULL BACK ALL CONDUIT AND CONDUCTORS ASSOCIATED WITH VAULT TOILET #3504 BACK TO EXISTING 240/120V 1P, 3W 100A QO PANELBOARD 3504. EXISTING PANELBOARD 3504 TO THEN BE DISCONNECTED AND REMOVED.
2. EXISTING ALLIANT ENERGY TRANSFORMER TO REMAIN. CONTACT ALLIANT ENERGY AT 1-800-255-4268 FOR COORDINATION.
3. EXISTING UNDERGROUND CONDUITS / CONDUCTORS FEEDING LIGHT POLES AND SHELTER TO BE INTERCEPTED AND MAINTAINED FOR CONNECTION AS SHOWN ON NEW WORK PLAN.
8. E.C. TO REMOVE EXISTING METER SOCKET. E.C. TO COORDINATE WITH UTILITY ON REMOVAL OF UTILITY METER AND NEW SERVICE LOCATION.
28. E.C. TO PROVIDE A IN-GRADE JUNCTION BOX (10"x10" MINIMUM) TO INTERCEPT EXISTING CONDUIT AND CONDUCTORS. REFER TO NEW WORK SHEET FOR NEW CONDUIT AND CONDUCTOR ROUTING.
29. ALLIANT ENERGY TO REWORK EXISTING ELECTRICAL SERVICE AS REQUIRED TO FEED NEW SERVICE PANEL. E.C. TO COORDINATE ANY AND ALL RACEWAY REQUIREMENTS WITH ALLIANT ENERGY.

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TOWN OF GERMANTOWN, WISCONSIN

Sheet Title:
VAULT TOILET #3504 - ELECTRICAL DEMOLITION

Revisions:

No.	Date:	Description:

Graphic Scale



DFD Number

VARIES

Set Type

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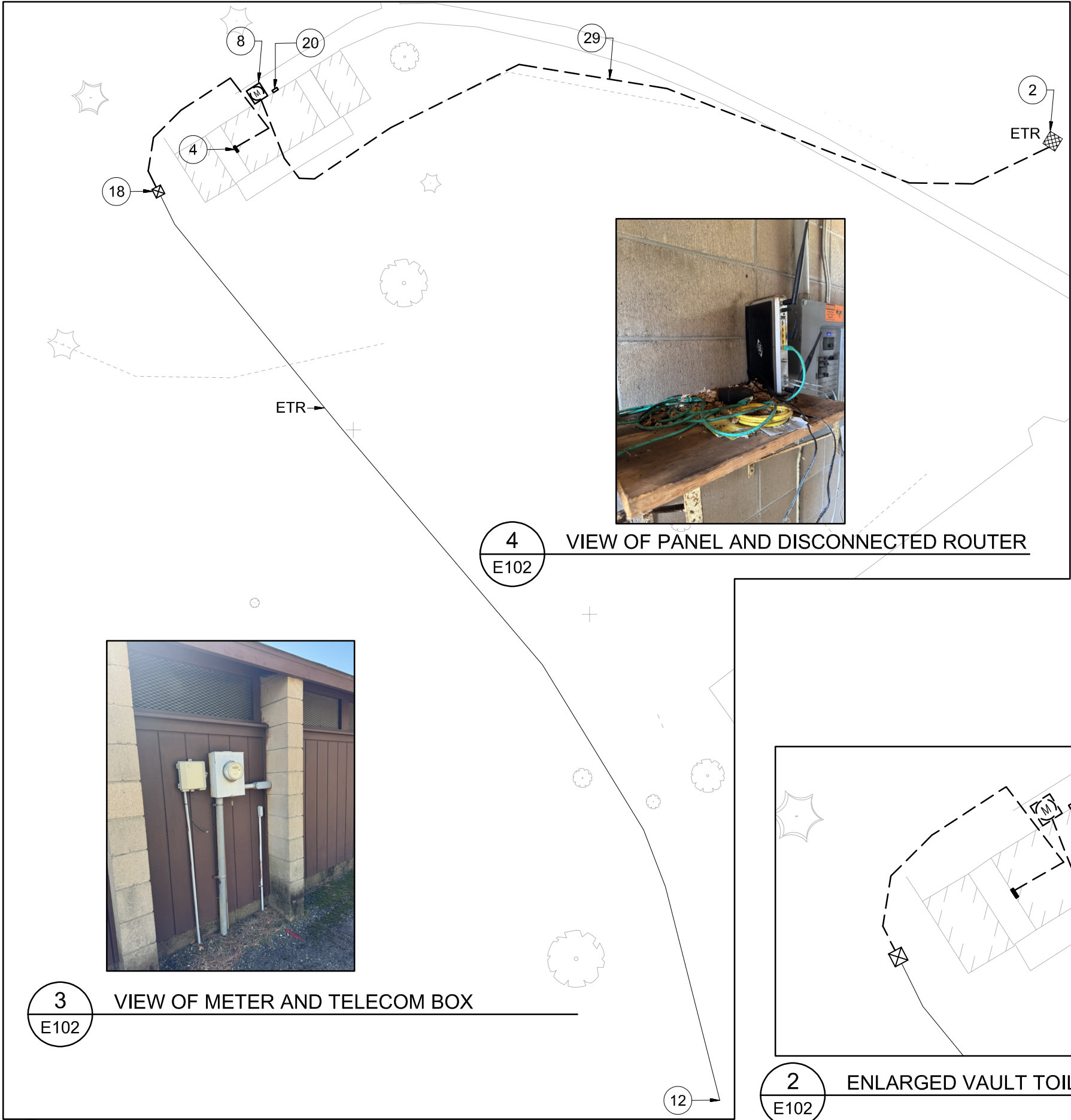
Date Issued

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Sheet Number

11/14/2025

E101



NOTES:

1. REFER TO SHEET E000 FOR ALL GENERAL NOTES.

KEYED NOTES:

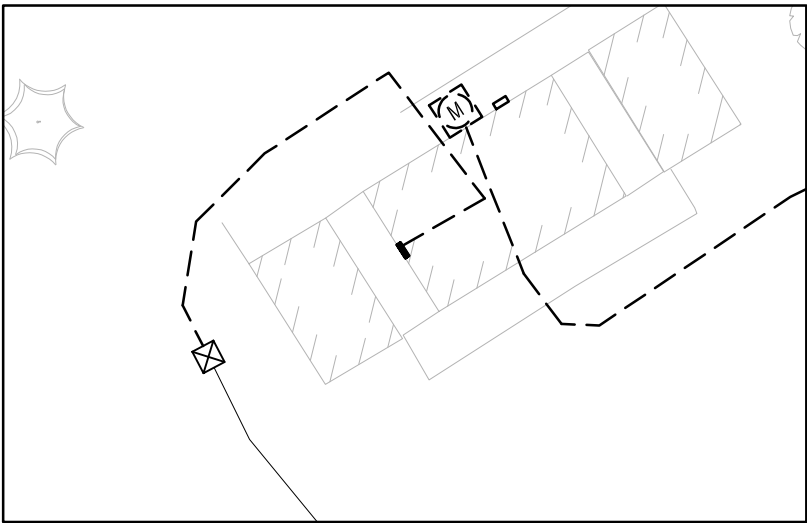
- 2 EXISTING ALLIANT ENERGY TRANSFORMER TO REMAIN. CONTACT ALLIANT ENERGY AT 1-800-255-4268 FOR COORDINATION.
- 4 EXISTING PIT TOILET TO BE REMOVED BY G.C. E.C. TO DISCONNECT ALL ELECTRICAL CONNECTIONS, CONDUIT, AND CONDUCTORS FEEDING EXISTING PIT TOILETS AND PULL BACK ALL CONDUIT AND CONDUCTORS ASSOCIATED WITH VAULT TOILET #3505 BACK TO EXISTING 240/120V 1P, 3W 100A PANELBOARD 3505. EXISTING PANEL 3505 TO THEN BE DISCONNECTED AND REMOVED. E.C. TO TURN OVER EXISTING ROUTER TO AGENCY.
- 8 E.C. TO REMOVE EXISTING METER SOCKET. E.C. TO COORDINATE WITH UTILITY ON REMOVAL OF UTILITY METER AND NEW SERVICE LOCATION.
- 12 CONDUCTORS TO EXISTING WELL PUMP ARE EXISTING TO REMAIN.
- 18 E.C. TO PROVIDE A IN-GRADE JUNCTION BOX (10"x10" MINIMUM) TO INTERCEPT EXISTING UNDERGROUND CONDUITS / CONDUCTORS FEEDING EXISTING WELL PUMP AND MAINTAIN CONNECTION AS SHOWN ON NEW WORK PLANS.
- 20 E.C. TO REMOVE TELECOM BOX. PULL ALL WIRES OUT AND ABANDON CONDUIT IN PLACE.
- 29 ALLIANT ENERGY TO REWORK EXISTING ELECTRICAL SERVICE AS REQUIRED TO FEED NEW SERVICE PANEL. E.C. TO COORDINATE ANY AND ALL RACEWAY REQUIREMENTS WITH ALLIANT ENERGY.



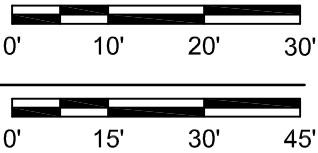
3 VIEW OF METER AND TELECOM BOX
E102



4 VIEW OF PANEL AND DISCONNECTED ROUTER
E102



2 ENLARGED VAULT TOILET #3505
E102



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DEPARTMENT OF NATURAL RESOURCES
TOWN OF GERMANTOWN, WISCONSIN

Sheet Title:
VAULT TOILET #3505 - ELECTRICAL DEMOLITION

Revisions:		
No.	Date:	Description:

Graphic Scale	VARIES
DFD Number	24G1G
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Date Issued	11/14/2025
Sheet Number	E102



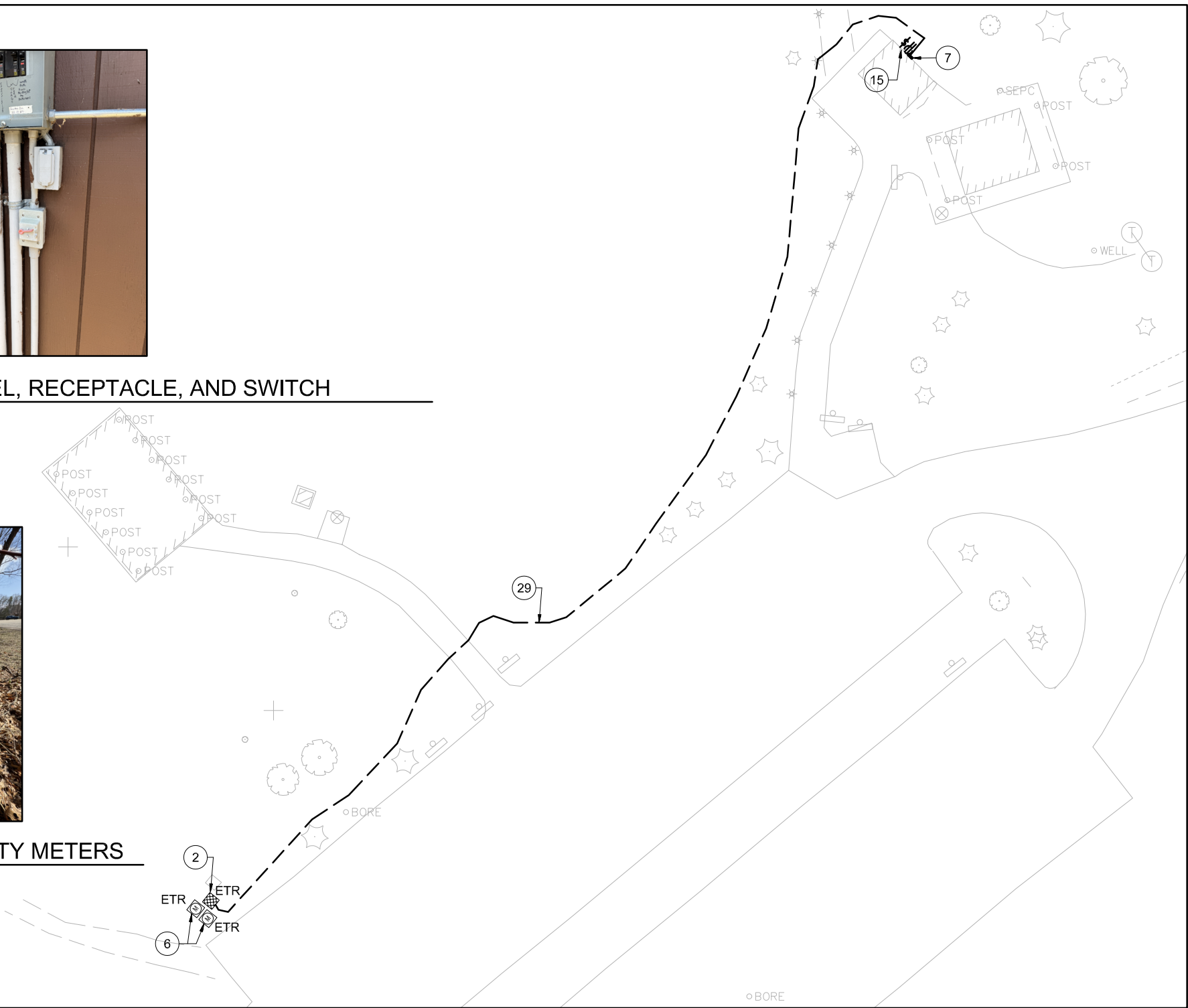
2
E103

VIEW OF PANEL, RECEPTACLE, AND SWITCH



3
E103

VIEW OF UTILITY METERS



1
E103

VAULT TOILET #3503 - ELECTRICAL DEMOLITION

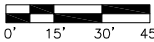
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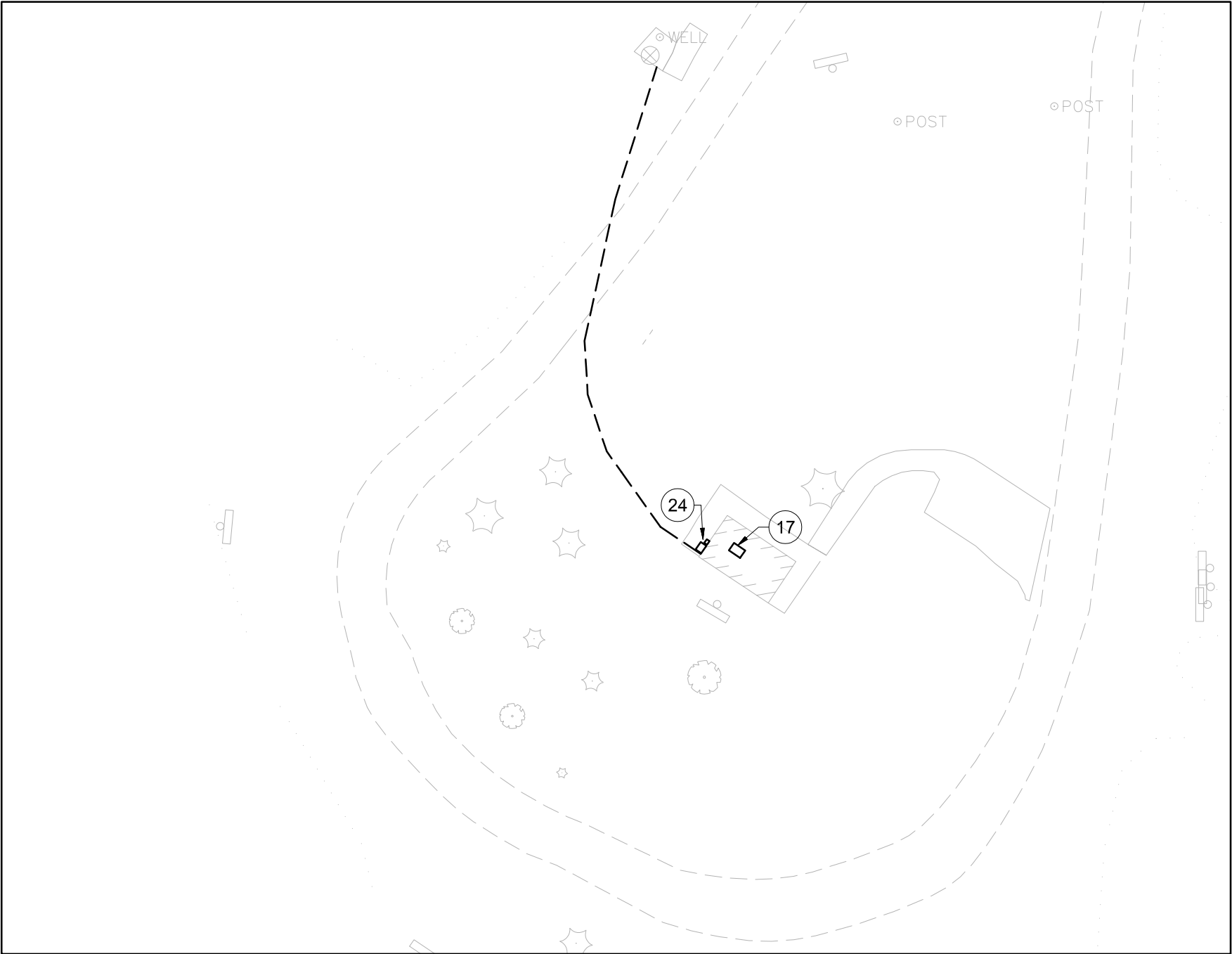
1. REFER TO SHEET E000 FOR ALL GENERAL NOTES.

KEYED NOTES:

2. EXISTING ALLIANT ENERGY TRANSFORMER TO REMAIN. CONTACT ALLIANT ENERGY AT 1-800-255-4268 FOR COORDINATION.
6. EXISTING ALLIANT ENERGY METERS #924354204 AND #928944448 TO REMAIN.
7. EXISTING PIT TOILET TO BE REMOVED BY G.C. E.C. TO DISCONNECT ALL ELECTRICAL CONNECTIONS, CONDUIT, AND CONDUCTORS FEEDING EXISTING PIT TOILETS AND PULL BACK ALL CONDUIT AND CONDUCTORS ASSOCIATED WITH VAULT TOILET #3503 BACK TO EXISTING 240/120V 1P, 3W 100A PANELBOARD 3503. MAINTAIN EXISTING UNDERGROUND CONDUIT AND CONDUCTORS FOR RE-USE AS SHOWN ON NEW WORK PLAN.
15. EXISTING WEATHERPROOF SWITCH THAT CONTROLS EXISTING TO REMAIN WALKWAY LIGHTS AND WEATHERPROOF RECEPTACLE TO BE REMOVED AND REPLACED. REFER TO NEW WORK PLAN FOR MORE INFORMATION.
29. ALLIANT ENERGY TO REWORK EXISTING ELECTRICAL SERVICE AS REQUIRED TO FEED NEW SERVICE PANEL. E.C. TO COORDINATE ANY AND ALL RACEWAY REQUIREMENTS WITH ALLIANT ENERGY.

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		4654 S. BILTMORE LN. MADISON, WI 53718 PHONE: 608.673.4400 KAPURINC.COM PROJECT NUMBER: 25.0133	
State of Wisconsin Department of Administration Division of Facilities Development		W8450 BUCKHORN PARK AVENUE TOWN OF GERMANTOWN, WI 53950	
ROADWAY AND PARKING LOT PAVING BUCKHORN STATE PARK DEPARTMENT OF NATURAL RESOURCES TOWN OF GERMANTOWN, WISCONSIN		Sheet Title: VAULT TOILET #3503 - ELECTRICAL DEMOLITION	
Revisions:			
No.	Date:	Description:	
Graphic Scale			
DFD Number	24G1G		
Set Type	BD		
Date Issued	11/14/2025		
Sheet Number	E103		



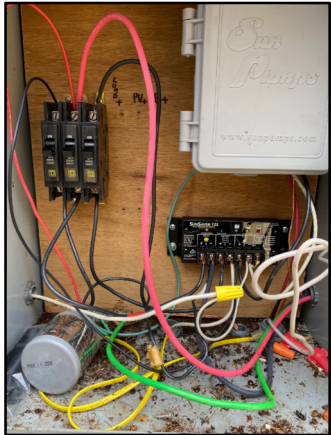
1
E104

VAULT TOILET #6345 - ELECTRICAL DEMOLITION



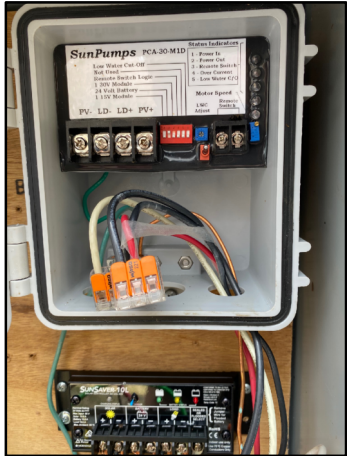
6
E104

VIEW OF ROOF MOUNTED SOLAR PANEL



5
E104

VIEW OF BREAKERS AND INVERTER



4
E104

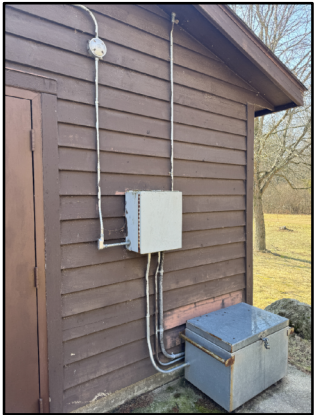
VIEW OF PUMP CONTROLLER

KEYED NOTES:

- 17 EXISTING PIT TOILET TO BE REMOVED BY G.C. E.C TO DISCONNECT EXISTING SOLAR PANEL AND ASSOCIATED EQUIPMENT TO BE REMOVED AND DISPOSED OF PROPERLY BY E.C.
- 24 EXISTING INVERTER, BATTERIES, AND BREAKERS TO BE DISCONNECTED, REMOVED AND DISPOSED OF PROPERLY BY E.C.

NOTES:

1. REFER TO SHEET E000 FOR ALL GENERAL NOTES.



2
E104

VIEW OF EXTERIOR ENCLOSURES



3
E104

VIEW OF BATTERIES FOR SOLAR

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Department of Administration
Division of Facilities Development



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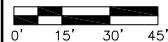
ROADWAY AND PARKING LOT PAVING
BUCKHORN STATE PARK
DEPARTMENT OF NATURAL RESOURCES
TOWN OF GERMANTOWN, WISCONSIN

Sheet Title:
VAULT TOILET #6345 - ELECTRICAL DEMOLITION

Revisions:

No.	Date:	Description:

Graphic Scale



DFD Number

24C1G

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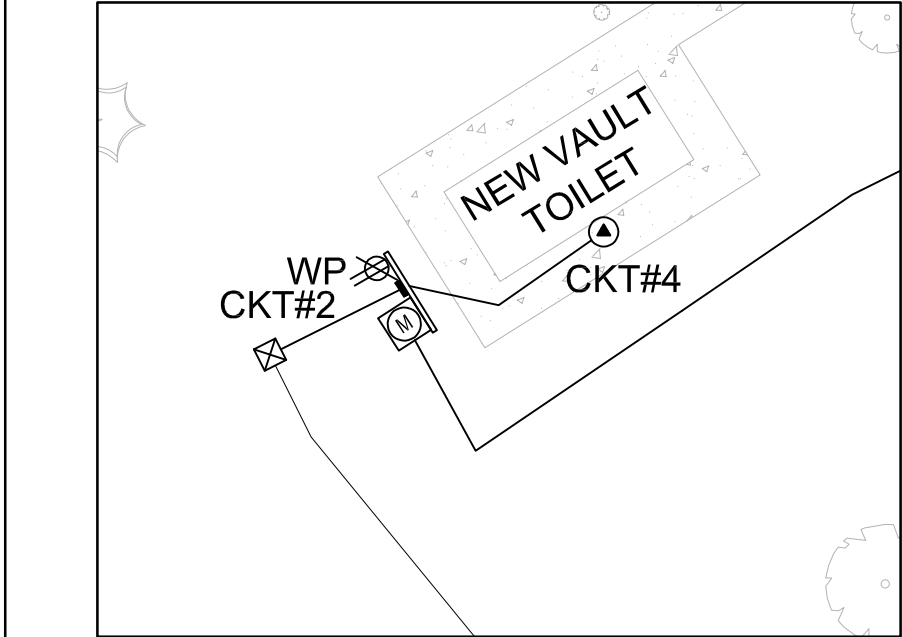
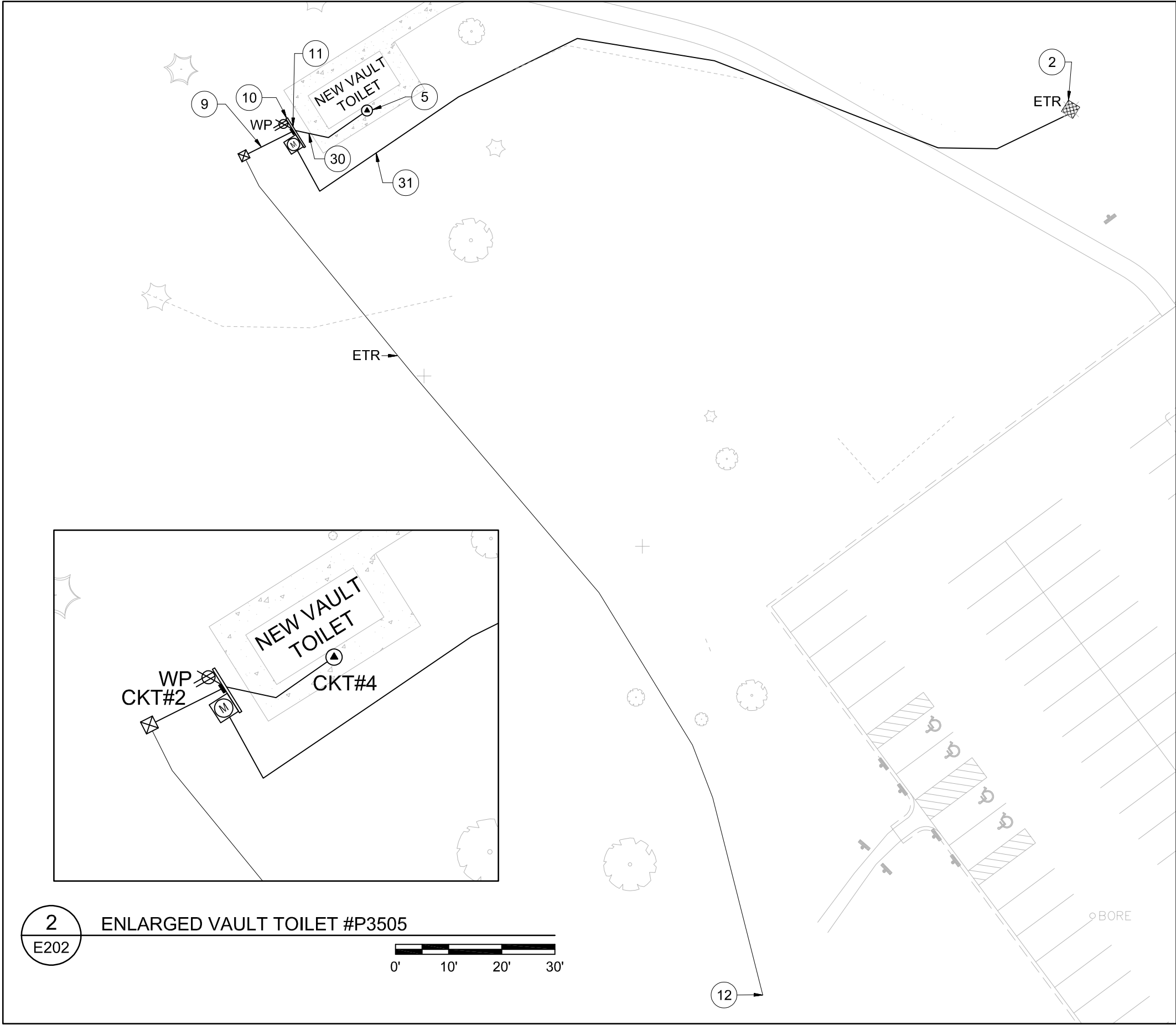
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11/14/2025

Sheet Number

E104



2 ENLARGED VAULT TOILET #P3505
E202

1 VAULT TOILET #P3505 - ELECTRICAL NEW WORK
E202

0' 15' 30' 45'

NOTES:

1. REFER TO SHEET E000 FOR ALL GENERAL NOTES.

KEYED NOTES:

- 2 EXISTING ALLIANT ENERGY TRANSFORMER TO REMAIN. CONTACT ALLIANT ENERGY AT 1-800-255-4268 FOR COORDINATION.
- 5 NEW VAULT TOILET TO BE A PREFAB TYPE BUILDING WITH LIGHTING, OCCUPANCY SENSORS, RECEPTACLES ALREADY INSTALLED ONCE IT ARRIVES ON SITE. REFER TO DETAIL 1/902 FOR MORE INFORMATION.
- 9 COORDINATE EXACT ROUTING OF NEW UNDERGROUND CONDUIT WITH OTHER TRADES AND AGENCY PRIOR TO ROUGH-IN.
- 10 PROVIDE FREE STANDING STRUCTURE AND MOUNT PANEL, METER, SWITCH AND RECEPTACLE TO STRUCTURE. REFER TO DETAIL 1/E901 AND 1/E903 FOR MORE INFORMATION.
- 11 PROVIDE A NEW NEMA 3R 240/120V 1P, 3W PANELBOARD.
- 12 CONDUCTORS TO EXISTING WELL PUMP ARE EXISTING TO REMAIN.
- 30 PROVIDE A 20A/1P BREAKER IN NEW PANEL WITH #10 CONDUCTORS AND 1" CONDUIT TO FEED CONNECTION ON NEW VAULT TOILET. COORDINATE LOCATION OF CONNECTION WITH VAULT TOILET CONTRACTOR PRIOR TO ROUGH-IN. REFEED ALL EXISTING CIRCUITS FROM NEW PANEL/BREAKERS AS SHOWN ON PANEL SCHEDULES.
- 31 E.C.TO COORDINATE WITH ALLIANT ENERGY ROUTING OF NEW CONDUIT/CONDUCTORS FROM EXISTING TRANSFORMER TO NEW NEW METER, PANEL LOCATION.

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BUCKHORN STATE PARK
DEPARTMENT OF NATURAL RESOURCES
TOWN OF GERMANTOWN, WISCONSIN

Sheet Title:
VAULT TOILET #P3505 - ELECTRICAL NEW WORK

Revisions:

No.	Date:	Description:

Graphic Scale



DFD Number

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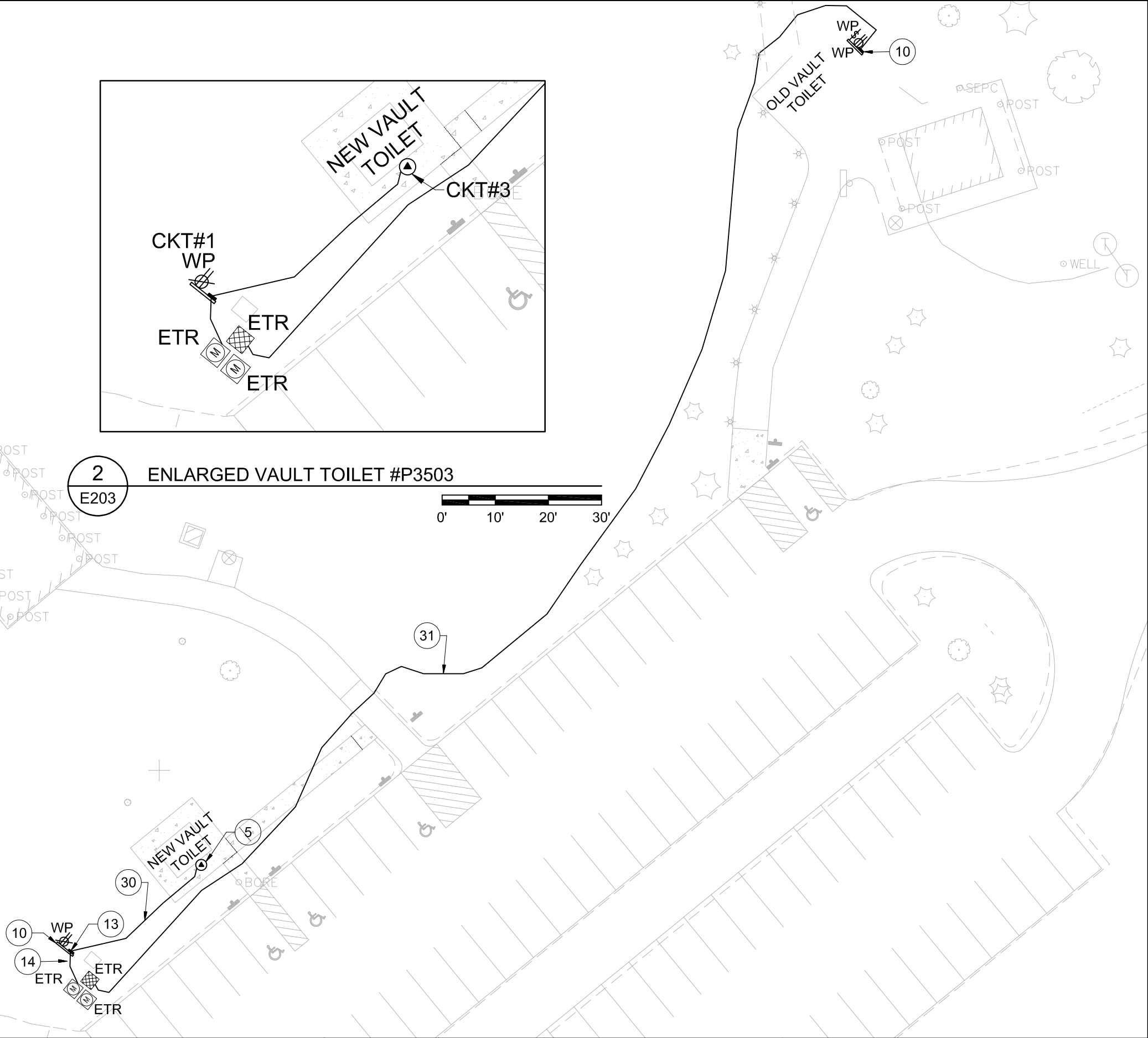
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Date Issued

11/14/2025

Sheet Number

E202



1 VAULT TOILET #P3503 - ELECTRICAL NEW WORK
E203



NOTES:

1. REFER TO SHEET E000 FOR ALL GENERAL NOTES AND.

KEYED NOTES:

- 5 NEW VAULT TOILET TO BE A PREFAB TYPE BUILDING WITH LIGHTING, OCCUPANCY SENSORS, RECEPTACLES ALREADY INSTALLED ONCE IT ARRIVES ON SITE. REFER TO DETAIL 1/902 FOR MORE INFORMATION.
- 10 PROVIDE FREE STANDING STRUCTURE AND MOUNT PANEL, METER, SWITCH AND RECEPTACLE TO STRUCTURE. REFER TO DETAIL 1/E901 AND 1/E903 FOR MORE INFORMATION.
- 13 PROVIDE A NEW NEMA 3R 240/120V 1P, 3W 60A 12 POLE PANELBOARD TO COMPLY WITH NEC 230.71(A).
- 14 PROVIDE PANEL WITHIN 25'-0" OF EXISTING METER TO COMPLY WITH NEC 240.21(B)(2).
- 30 PROVIDE A 20A/1P BREAKER IN NEW PANEL WITH #10 CONDUCTORS AND 1" CONDUIT TO FEED CONNECTION ON NEW VAULT TOILET. COORDINATE LOCATION OF CONNECTION WITH VAULT TOILET CONTRACTOR PRIOR TO ROUGH-IN. REFEED ALL EXISTING CIRCUITS FROM NEW PANEL/BREAKERS AS SHOWN ON PANEL SCHEDULES.
- 31 E.C.TO COORDINATE WITH ALLIANT ENERGY ROUTING OF NEW CONDUIT/CONDUCTORS FROM EXISTING TRANSFORMER TO NEW NEW METER, PANEL LOCATION.



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DEPARTMENT OF NATURAL RESOURCES
TOWN OF GERMANTOWN, WISCONSIN

Sheet Title:
VAULT TOILET #P3503 - ELECTRICAL NEW WORK

Revisions:

No.	Date:	Description:

Graphic Scale



DFD Number

24G1G

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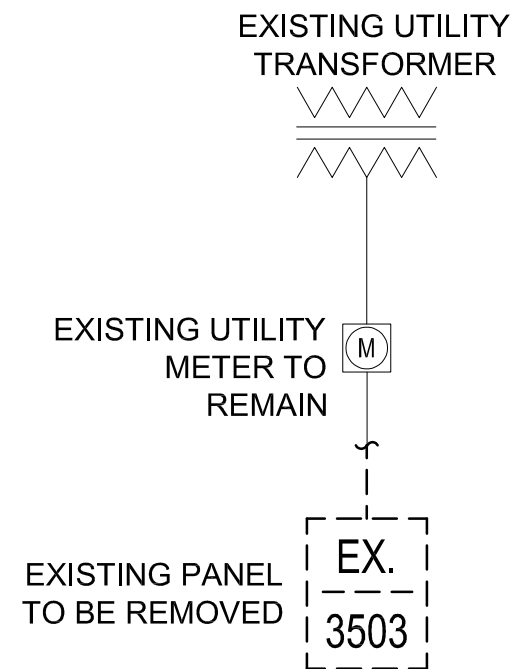
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Date Issued

11/14/2025

Sheet Number

E203



3
E601

EXISTING VAULT TOILET #3503 - DEMO ONE-LINE

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Division of Facilities Development

ROADWAY AND PARKING LOT PAVING
BUCKHORN STATE PARK
DEPARTMENT OF NATURAL RESOURCES
TOWN OF GERMANTOWN, WISCONSIN

Sheet Title:
ONE-LINE DIAGRAM – DEMOLITION

Revisions:		
No.	Date:	Description:

Graphic Scale



NTS

DFD Number	24G1G
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Set Type	BD
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Date Issued	11/14/2025

Sheet
Number

E601

Revisions:

No.	Date:	Description:
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Graphic Scale

Scale	NTS
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DFD	24G1G
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Number	21375
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Set BD

type	BB
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Date 11/14/2025

Issued	11/14/2023
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5001

Sheet
Number **E601**

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ROADWAY AND PARKING LOT PAVING BUCKHORN STATE PARK DEPARTMENT OF NATURAL RESOURCES TOWN OF GERMANTOWN, WISCONSIN																	
Sheet Title: ONE-LINE DIAGRAM — NEW WORK																	
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No.	Date:	Description:															
Graphic Scale	 NTS																
DFD Number	24G1G																
Set Type	BD																
Date Issued	11/14/2025																
Sheet Number	E602																

PANEL #3504													DEMO		
VOLTS 240/120		V	PHASE 1 Ø			# WIRE 3 W						100A MAIN			
	LOAD (VA)	TY	BREAKER		CKT NO	PHASE		CKT NO	BREAKER			LOAD (VA)	DESCRIPTION		
DESCRIPTION			AMP	P		A	B		AMP	P	TY				
EXISTING YARD LIGHTS			20	1	1	0		2	20	1			EXISTING RCPT BELOW PNL		
BATHROOM LIGHTS			15	1	3		0	4	20	1			EXISTING SHELTER		
EXISTING SHELTER			20	1	5			6					BLOCKED OUT		
EXISTING MAIN			100	2	7	0		8					SPACE		
					9		0	10					SPACE		
SPACE					11			12					SPACE		
SPACE					13	0		14					SPACE		
					15		0	16							
BUS RATING		100	A	SHORT CIRCUIT CURRENT RATING										-	A
MAIN BREAKER		100	A	A.I.C.										-	A

PANEL #P3504														NEW					
VOLTS 240/120		V	PHASE 1 Ø			# WIRE 3 W								MLO					
DESCRIPTION		LOAD (VA)	TY	BREAKER		CKT NO	PHASE		CKT NO	BREAKER		TY	LOAD (VA)	DESCRIPTION					
EXISTING YARD LIGHTS				20	1	1	180		2	20	1		180	NEW RCPT BELOW PNL					
SPARE				20	1	3		0	4	20	1			EXISTING SHELTER					
EXISTING SHELTER				20	1	5			6	20	1		1,800	NEW PIT TOILET					
SPARE				20	1	7	0		8	20	1			SPARE					
SPARE				20	1	9		0	10	20	1			SPARE					
SPARE				20	1	11			12	20	1			SPARE					
BUS RATING		100	A													SHORT CIRCUIT CURRENT RATING		-	A
MLO			A													A.I.C.	10	kA	

PANEL #3505														DEMO			
VOLTS 240/120		V	PHASE 1 Ø			# WIRE 3 W								100A MAIN			
DESCRIPTION	LOAD (VA)	TY	BREAKER		CKT NO	PHASE		CKT NO	BREAKER		TY	LOAD (VA)	DESCRIPTION				
			AMP	P		A	B		AMP	P							
EXISTING MECH RM LIGHTS			20	1	1	0		2	20	1			EXISTING BATH/OUTSIDE LTS				
EXISTING MECH RM RCPT			20	1	3		0	4	20	1			SPACE				
EXISTING HOST PEDISTAL			60	2	5			6					SPACE				
-					7	0		8					SPACE				
SPACE					9		0	10					SPACE				
SPACE					11			12					SPACE				
SPACE					13	0		14					SPACE				
SPACE					15			16					SPACE				
SPACE					17			18	30	2			EXISTING WELL				
EXISTING POP MACHINE			20	1	19		0	20									
BUS RATING		100	A											SHORT CIRCUIT CURRENT RATING		-	A
MAIN BREAKER		100	A											A.I.C.			A

PANEL #P3505												NEW					
VOLTS 240/120		V	PHASE 1 Ø			# WIRE 3 W							MLO				
DESCRIPTION		LOAD (VA)	TY	BREAKER		CKT NO	PHASE		CKT NO	BREAKER		TY	LOAD (VA)	DESCRIPTION			
SPARE				60	2	1	180		2	20	1		180	NEW RCPT BELOW PNL			
SPARE						3		1,800	4	20	1		1,800	NEW PIT TOILET			
EXISTING HOST PEDISTAL				60	2	5			6					SPARE			
-						7	0		8					SPARE			
SPARE				20	1	9		0	10	30	2			EXISTING WELL			
EXISTING POP MACHINE				20	1	11			12					-			
BUS RATING		100	A											SHORT CIRCUIT CURRENT RATING		-	A
MLO			A											A.I.C.		10	kA

- NOTES:
- ELECTRICAL CONTRACTOR TO RELABEL EXISTING EQUIPMENT THAT IS NOW BEING FED FROM A NEW PANEL.

JDRENGINEERING, INC.

5525 NOBEL DRIVE
SUITE 110
MADISON, WI 53711
PH: 608.277.1728 FAX: 608.271.7046
JDR PROJECT NO. 24.0238

Kapur

4654 S. BLTMORE LN.
MADISON, WI 53718
PHONE: 608.673.4400
KAPJRC.COM
PROJECT NUMBER: 25.0133

State of Wisconsin
Department of Administration
Division of Facilities Development



ROADWAY AND PARKING LOT PAVING
BUCKHORN STATE PARK
DEPARTMENT OF NATURAL RESOURCES
TOWN OF GERMANTOWN, WISCONSIN

Sheet Title:
ELECTRICAL PANEL SCHEDULES

Revisions:
No. Date: Description:

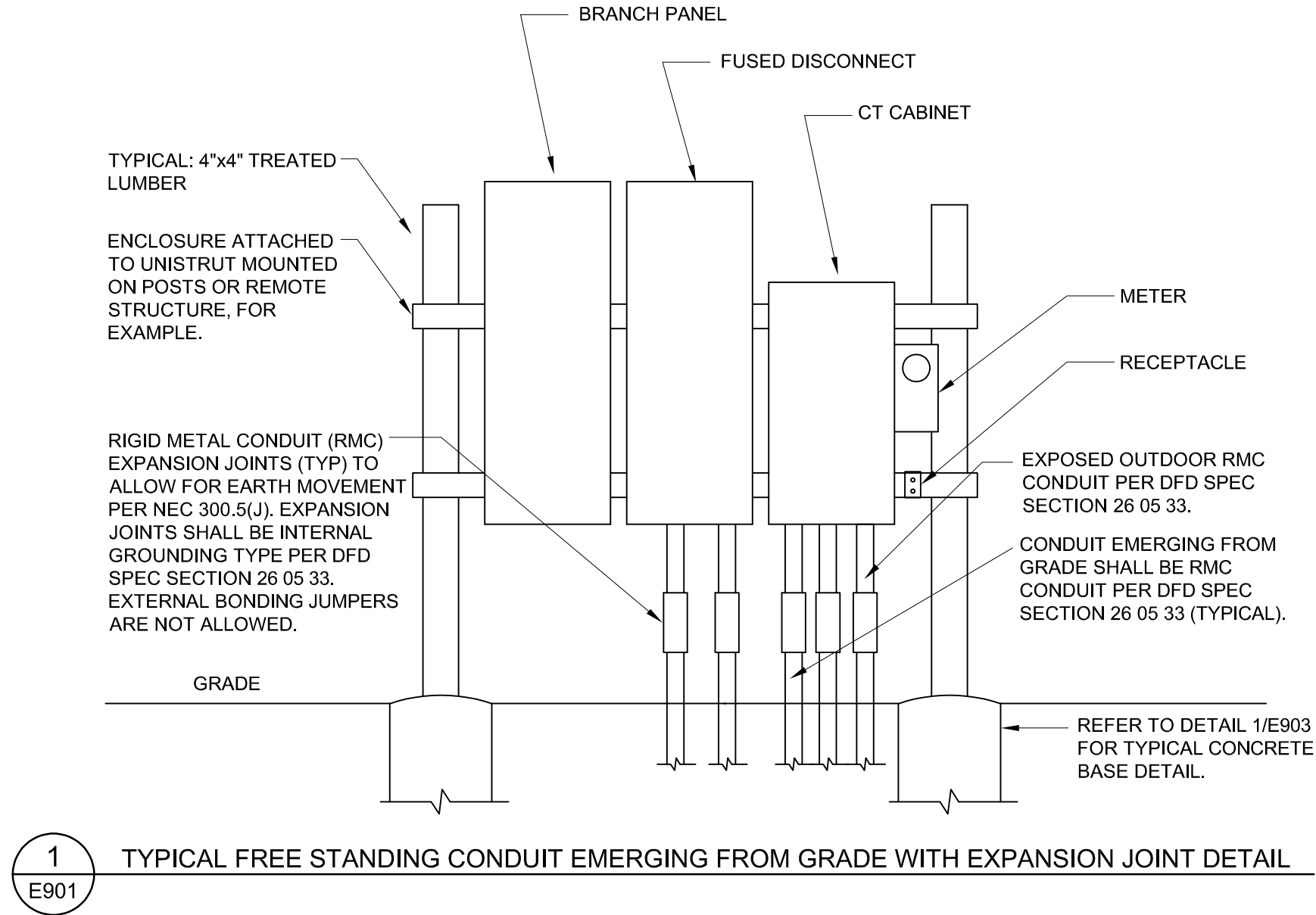
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DFD Number
24G1G

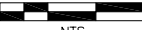
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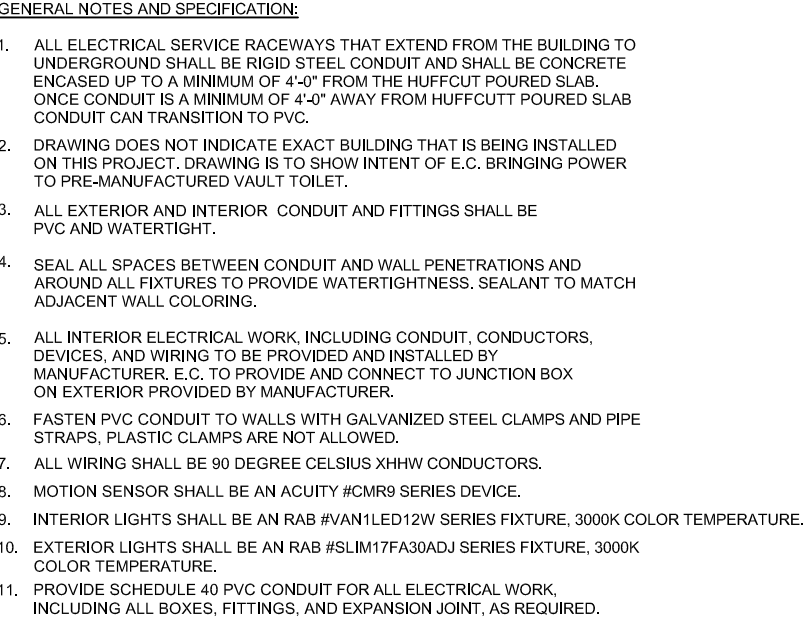
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11/14/2025

Sheet Number
E801



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			4654 S. BILTMORE LN. MADISON, WI 53718 PHONE: 608.673.4400 KAPURINC.COM PROJECT NUMBER: 25.0133		
 State of Wisconsin Department of Administration Division of Facilities Development			W8450 BUCKHORN PARK AVENUE TOWN OF GERMANTOWN, WI 53950		
ROADWAY AND PARKING LOT PAVING BUCKHORN STATE PARK DEPARTMENT OF NATURAL RESOURCES TOWN OF GERMANTOWN, WISCONSIN			Sheet Title: ELECTRICAL DETAIL		
Revisions:					
No.	Date:	Description:			
Graphic Scale		 NTS			
DFD Number	24G1G				
Set Type	BD				
Date Issued	11/14/2025				
Sheet Number	E901				

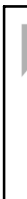


TIGHT RADIUS ELBOW, CONDUIT BODY TO KEEP CONDUIT TIGHT TO BAE SLAB AND WALL WITH MINIMAL GAP AT BOTTOM CORNER.

E902

TYPICAL VAULT TOILET DETAIL

JDR 
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5525 NOBEL DRIVE
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JDR PROJECT NO. 24.0238

 State of Wisconsin Department of Administration Division of Facilities Development Roadway and Parking Lot Paving Buckhorn State Park Department of Natural Resources Town of Germantown, Wisconsin Sheet Title: ELECTRICAL DETAIL					4654 S. BILTMORE LN. MADISON, WI 53718 PHONE: 608.673.4400 KAPURINC.COM PROJECT NUMBER: 25.0133	
Revisions:						
No.		Date:		Description:		
Graphic Scale		 NTS				
DFD Number		24G1G				
Set Type		BD				
Date Issued		11/14/2025				
Sheet Number		E902				



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PROJECT NUMBER: 25.0133

State of Wisconsin
Department of Administration
Division of Facilities Development



W8450 BUCKHORN PARK AVENUE
TOWN OF GERMANTOWN, WI 53950

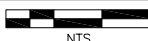
ROADWAY AND PARKING LOT PAVING
BUCKHORN STATE PARK
DEPARTMENT OF NATURAL RESOURCES
TOWN OF GERMANTOWN, WISCONSIN

Sheet Title:
ELECTRICAL DETAIL

Revisions:

No.	Date:	Description:

Graphic
Scale



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Number

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Type

BD

Date
Issued

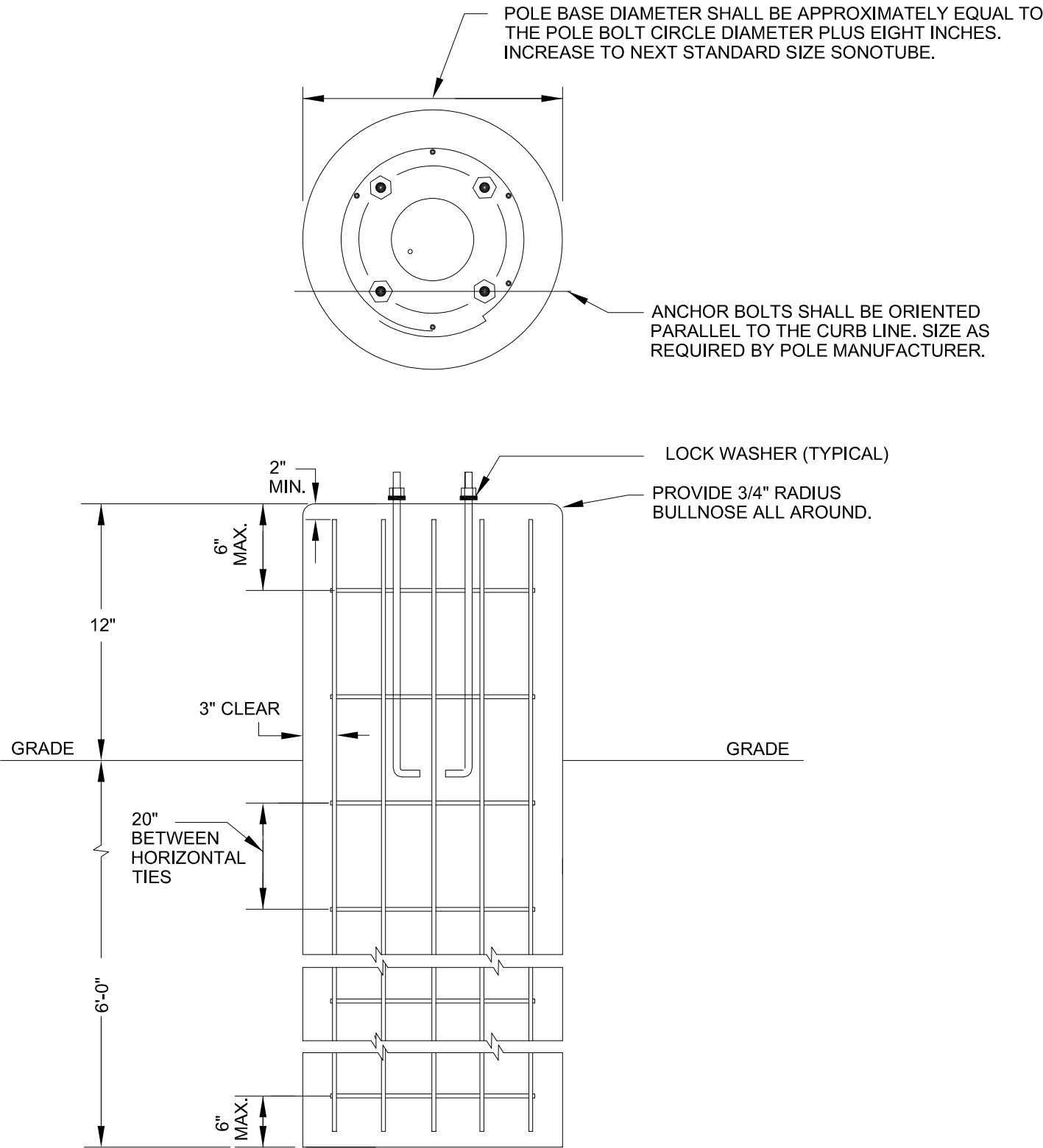
11/14/2025

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Number

E903

CONCRETE AND HARDWARE NOTES:

1. USE ANCHOR BOLTS FURNISHED BY POLE MANUFACTURER. VERIFY BOLT CIRCLE DIAMETER WITH MANUFACTURER.
2. APPLY "ANTI-SEIZE" LUBRICANT TO ALL ANCHOR BOLT THREADS.
3. USE #4 REBAR (TYPICAL).
4. THE EXPOSED SIDES OF THE CONCRETE BASE SHALL HAVE THE FORMS REMOVED AND THE CONCRETE RUBBED OUT TO A SMOOTH FINISH.
5. THE TOP OF THE CONCRETE BASE SHALL HAVE A BRUSH FINISH.
6. PROVIDE 3/4" RADIUS BULLNOSE ON TOP EDGE OF CONCRETE.



1

E903

TYPICAL CONCRETE BASE DETAIL

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