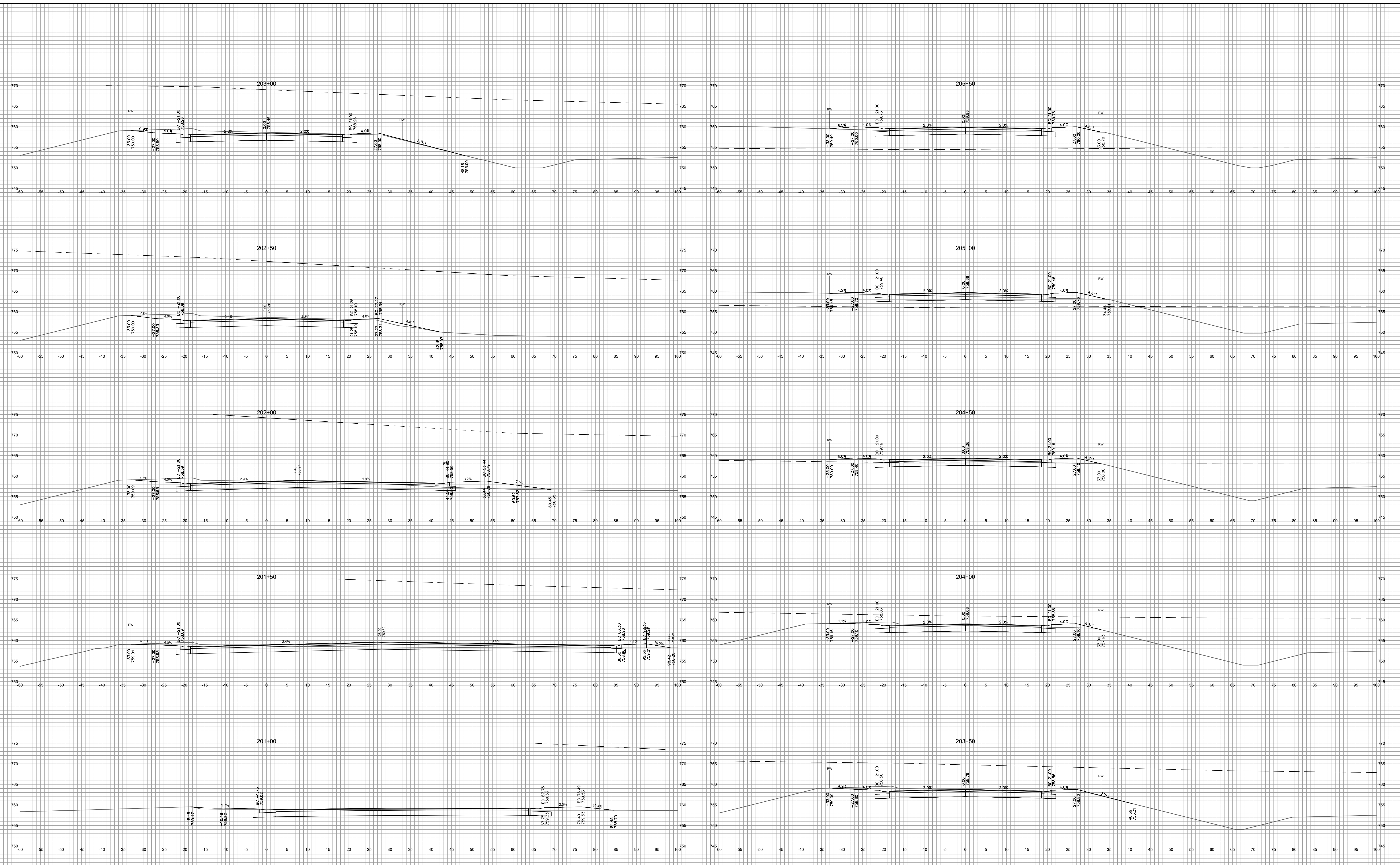
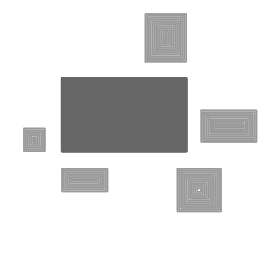


DESIGNED: AJS  
REVIEWED: AJS  
DRAFTED: ED




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**CALEDONIA CORPORATE PARK**  
**INFRASTRUCTURE PLANS**  
 CALEDONIA, WI

**INTERIOR ACCESS ROAD**  
**CROSS SECTIONS**

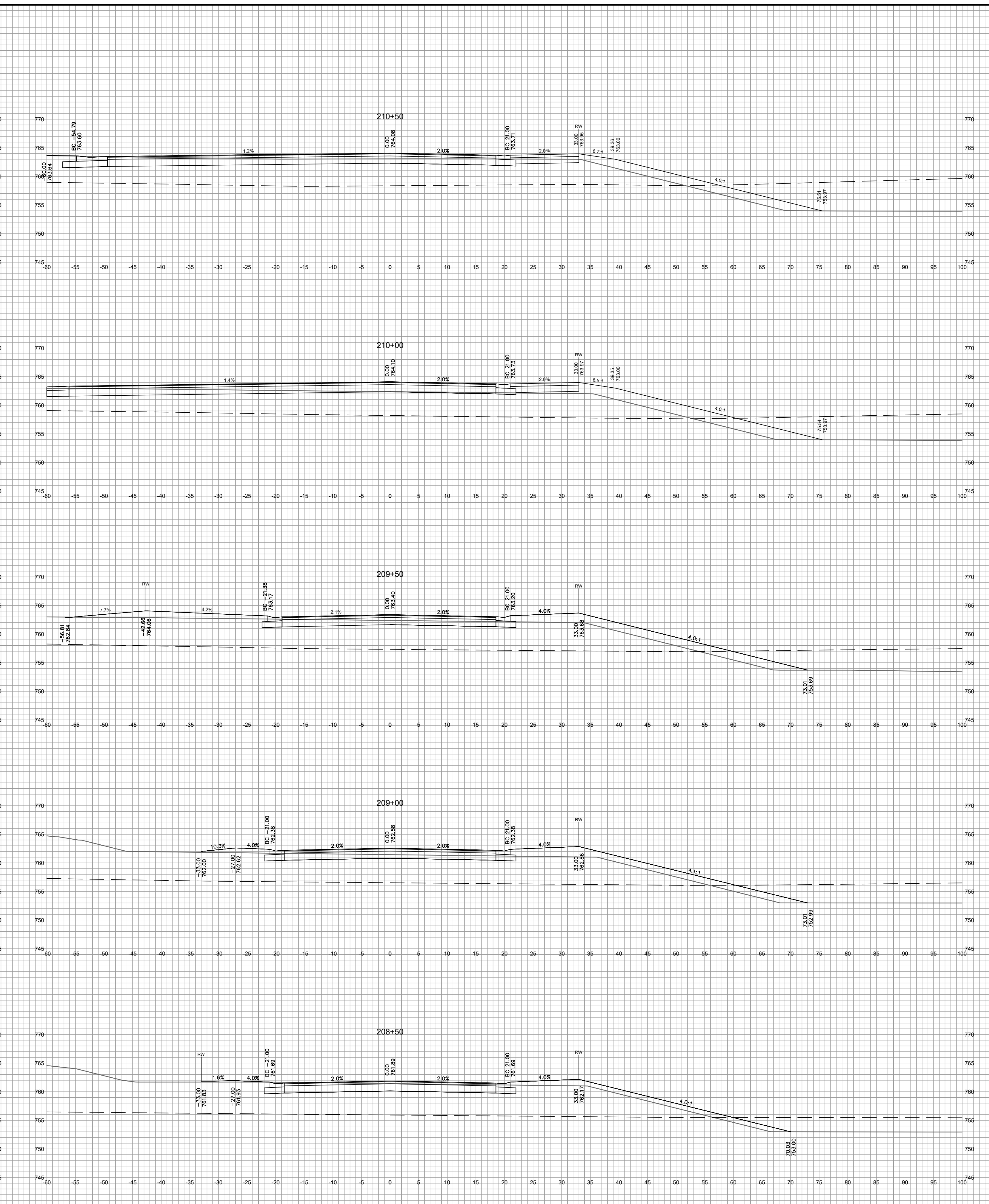
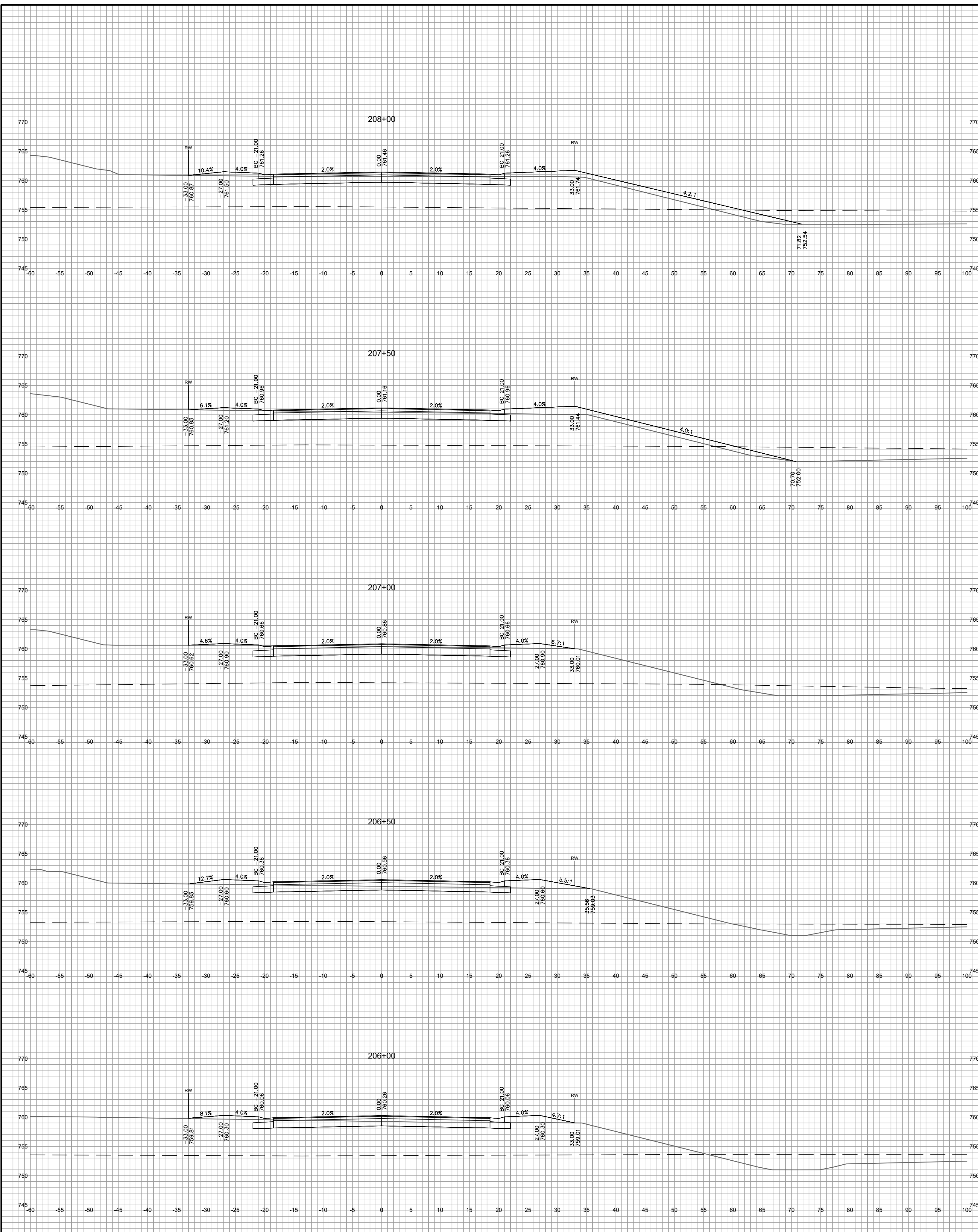
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2	MUNICIPAL SUBMITTAL	7/25/22
3	MUNICIPAL SUBMITTAL	11/04/22
4	VILLAGE COMMENTS	12/12/22
5	FIRE HYDRANT REVISIONS	04/26/23
6	FOH UPDATES	05/01/23
7	CONSTRUCTION SET	05/05/23

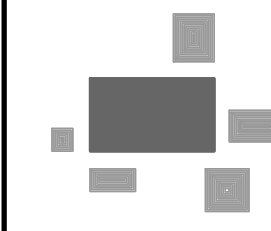
REG JOB No. 1912.00 WI  
 AJS  
 REG PM  
 START DATE 04/20/22  
 SCALE N.T.S.  
**SHEET XS-1**  
**C-59**

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**INTERIOR ACCESS ROAD CROSS SECTIONS**  
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# CALEDONIA CORPORATE PARK INFRASTRUCTURE PLANS CALEDONIA, WI

## INTERIOR ACCESS ROAD CROSS SECTIONS

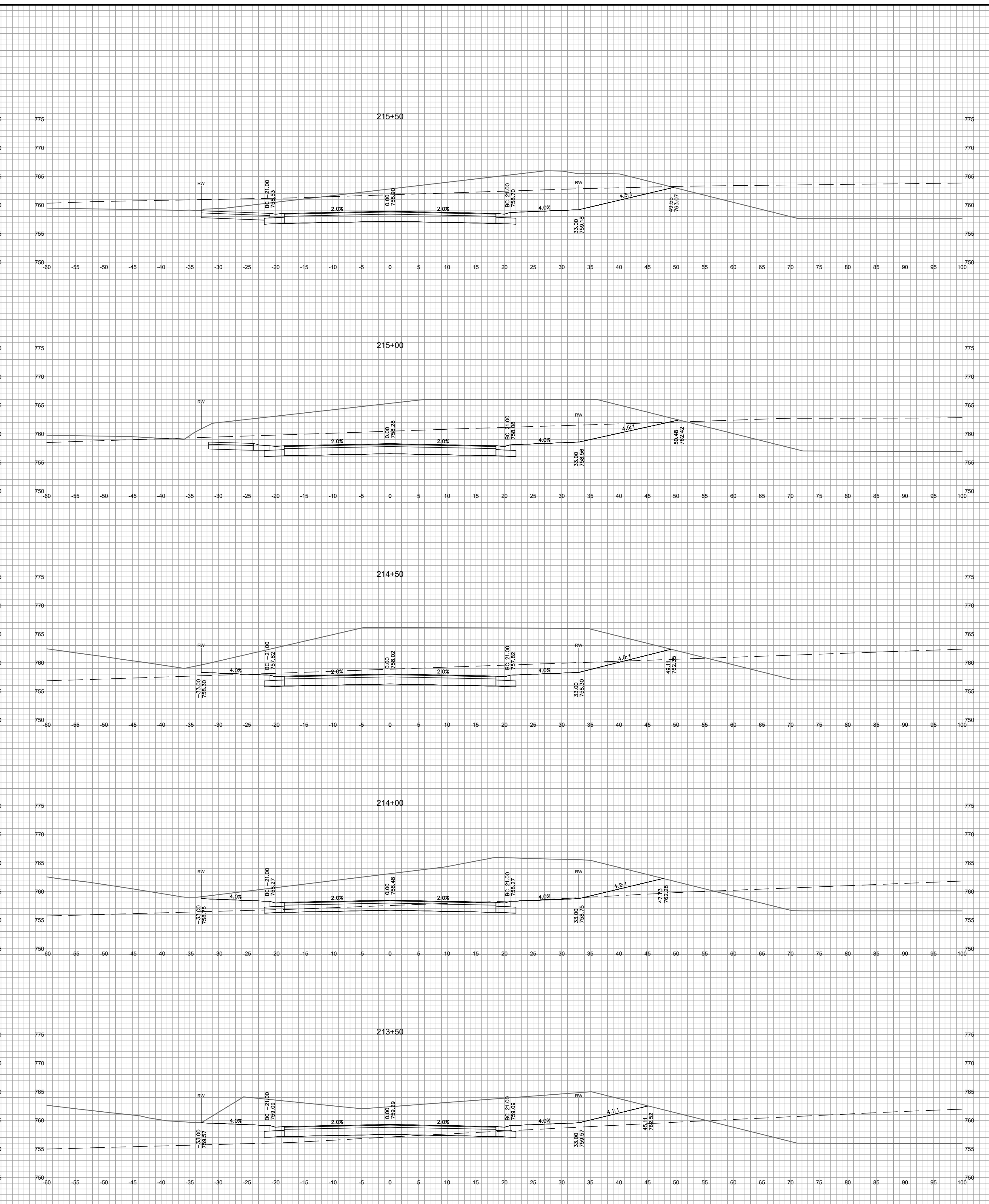
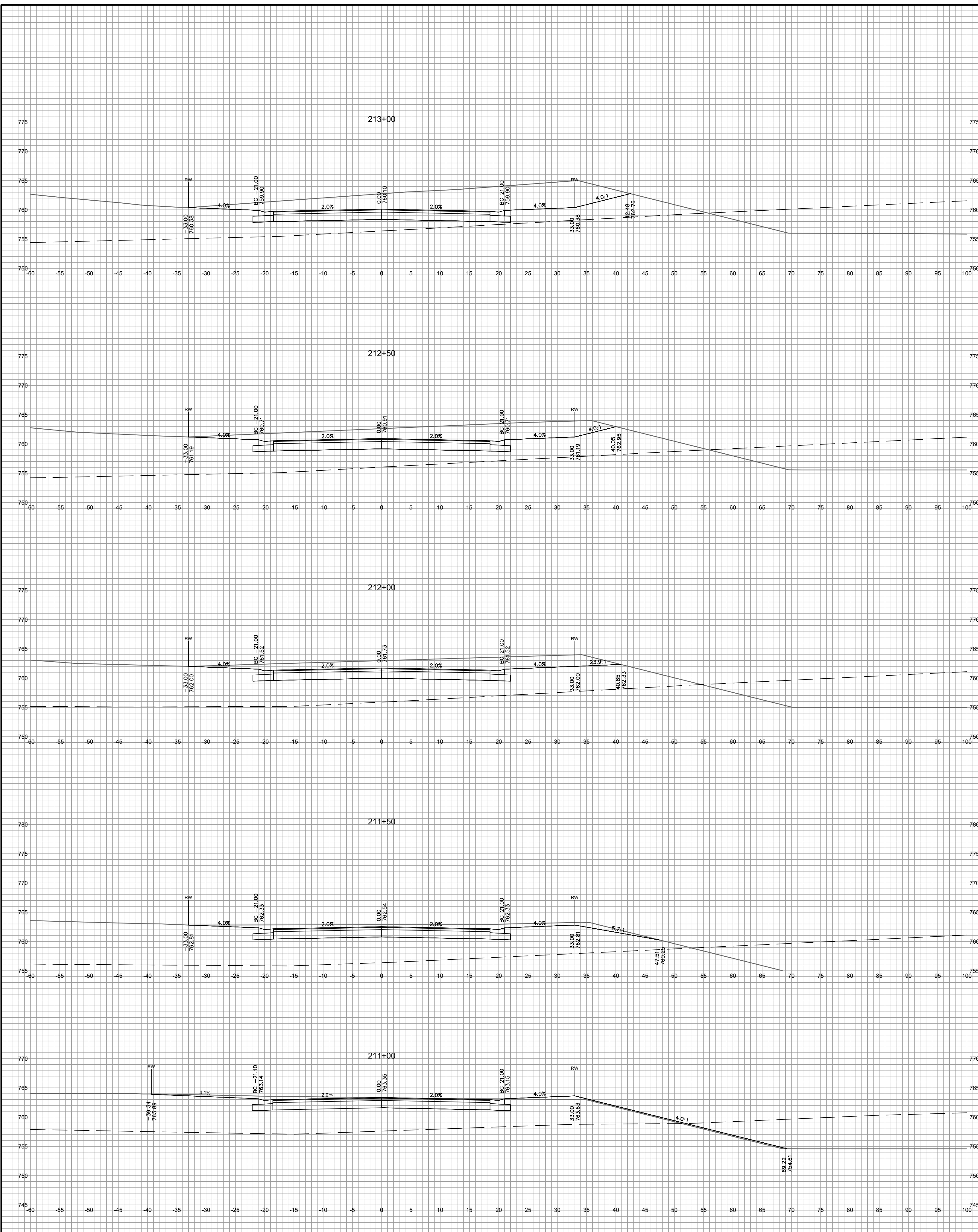
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5	FIRE HYDRANT REVISIONS	04/26/23
6	FOTH UPDATES	05/01/23
7	CONSTRUCTION SET	05/05/23

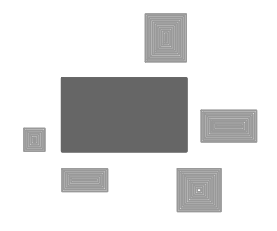
REG JOB No.	1912.00	WI
REG PM	AJS	
START DATE	04/20/22	
SCALE	N.T.S.	

SHEET  
**XS-2**  
 C-59

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**INFRASTRUCTURE PLANS**  
**CALEDONIA, WI**

**INTERIOR ACCESS ROAD**  
**CROSS SECTIONS**

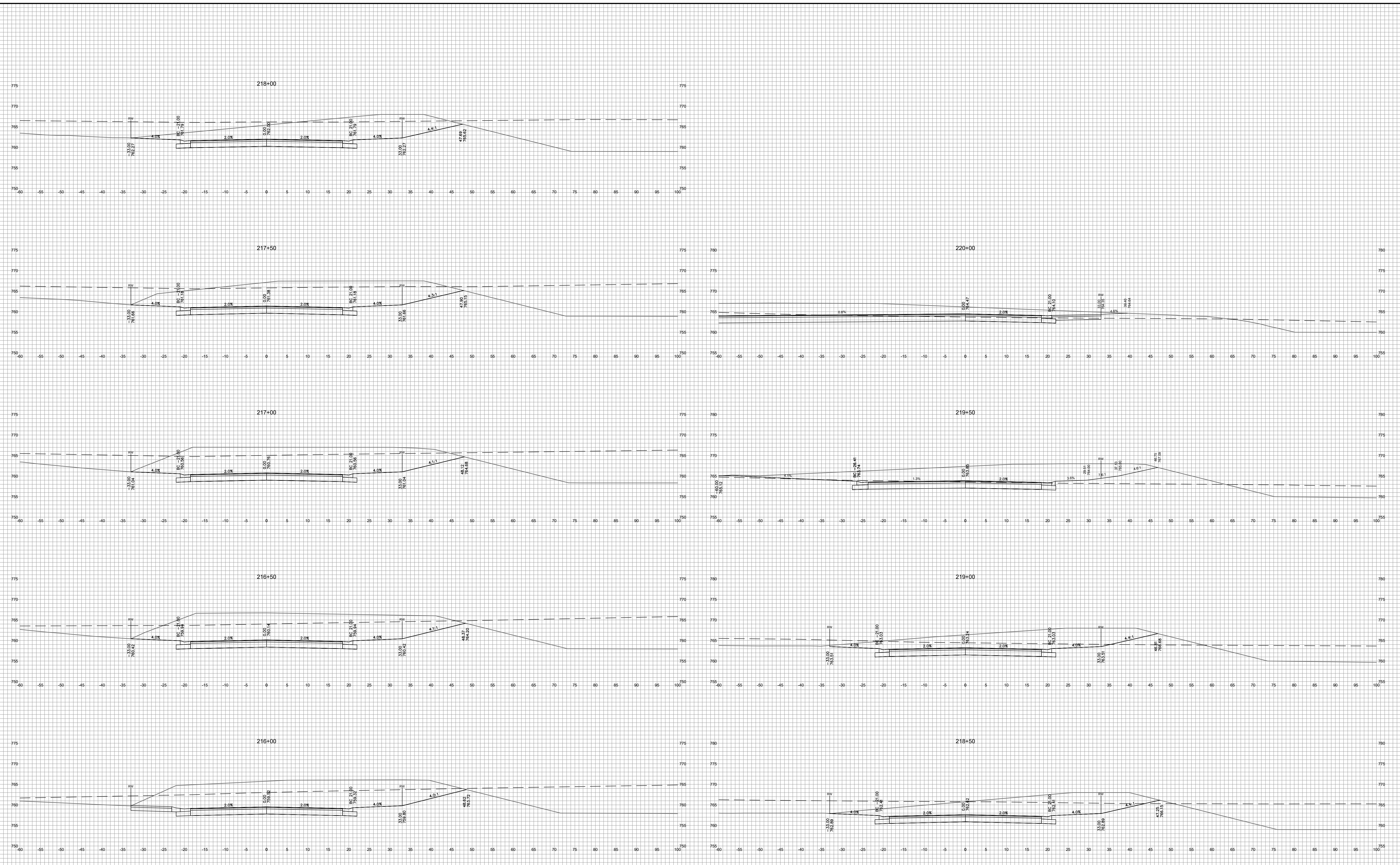
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5	FIRE HYDRANT REVISIONS 04/26/23
6	FOTH UPDATES 05/01/23
7	CONSTRUCTION SET 05/05/23

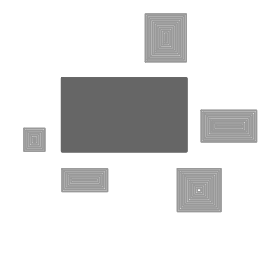
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 REG PM: AUS  
 START DATE: 04/20/22  
 SCALE: N.T.S.  
**SHEET XS-3 C-59**

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REVIEWED: AJS  
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**INFRASTRUCTURE PLANS**  
 CALEDONIA, WI

**INTERIOR ACCESS ROAD**  
**CROSS SECTIONS**

**REVISIONS**

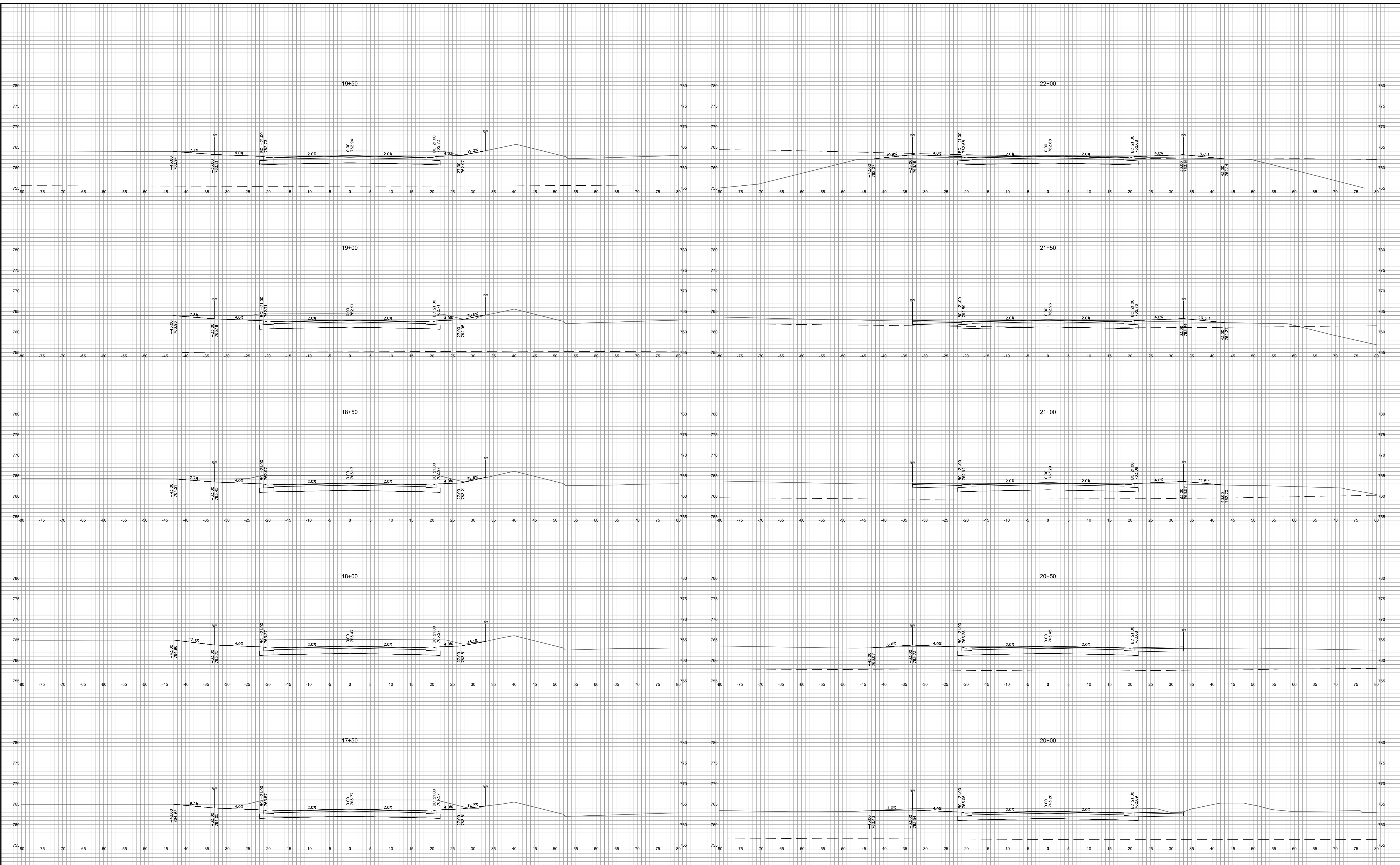
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4	VILLAGE COMMENTS	12/12/22			

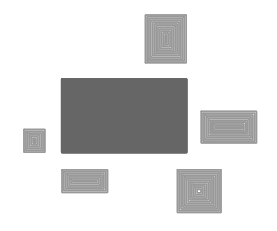
SHEET  
**XS-4**  
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# CALEDONIA CORPORATE PARK INFRASTRUCTURE PLANS CALEDONIA, WI

## WEST ACCESS ROAD CROSS SECTIONS

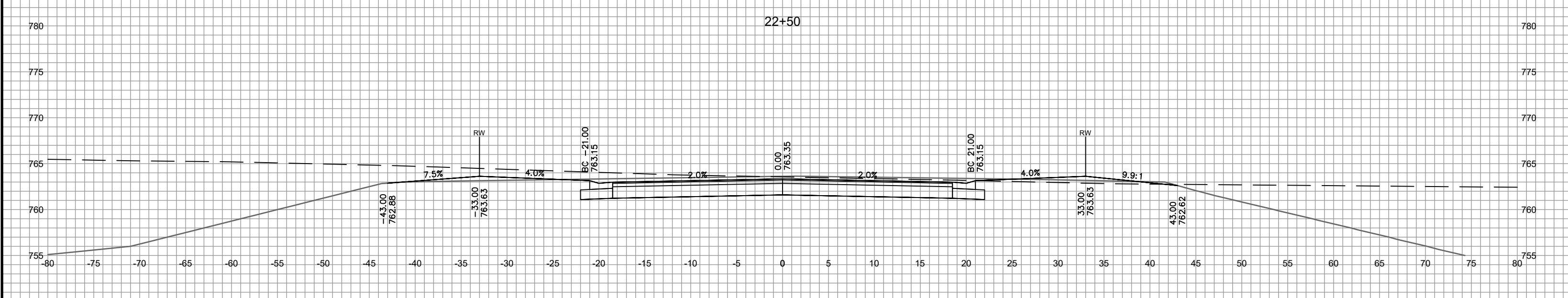
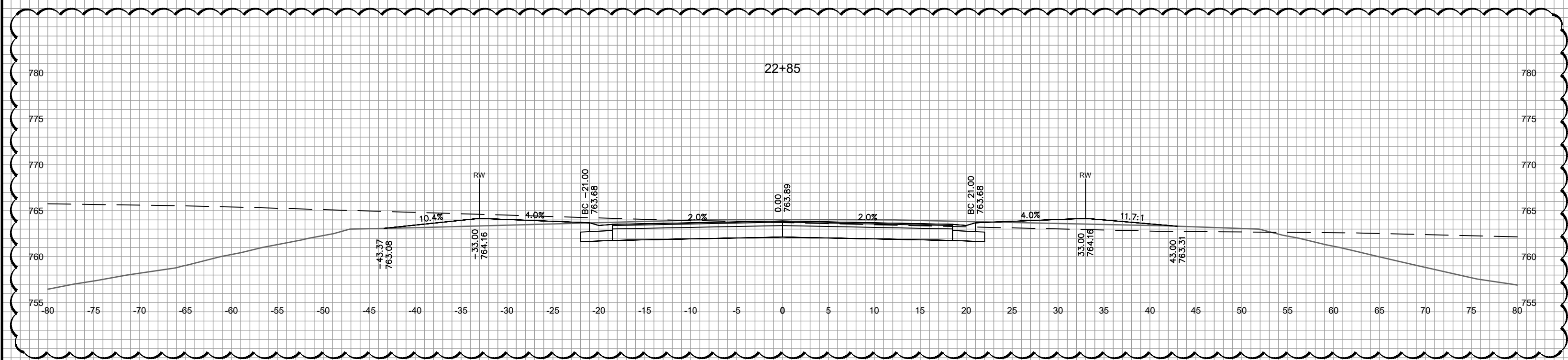
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4	VILLAGE COMMENTS 12/12/22
5	FIRE HYDRANT REVISIONS 04/26/23
6	FOTH UPDATES 05/01/23
7	CONSTRUCTION SET 05/05/23

REG JOB No. 1912.00.WI	AJS	SHEET
REG PM	AJS	XS-6
START DATE 04/20/22	N.T.S.	C-59
SCALE		

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# CALEDONIA CORPORATE PARK INFRASTRUCTURE PLANS CALEDONIA, WI

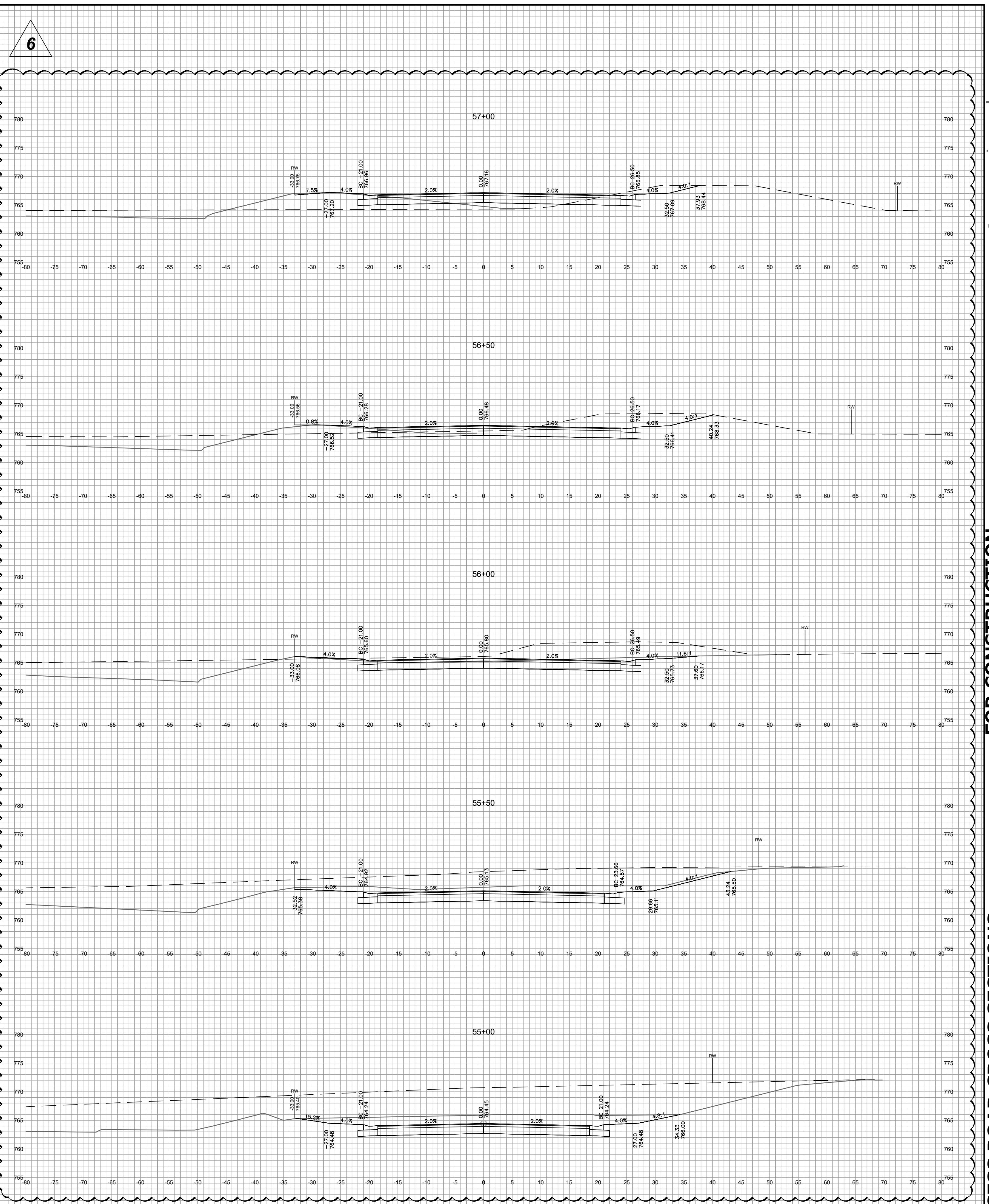
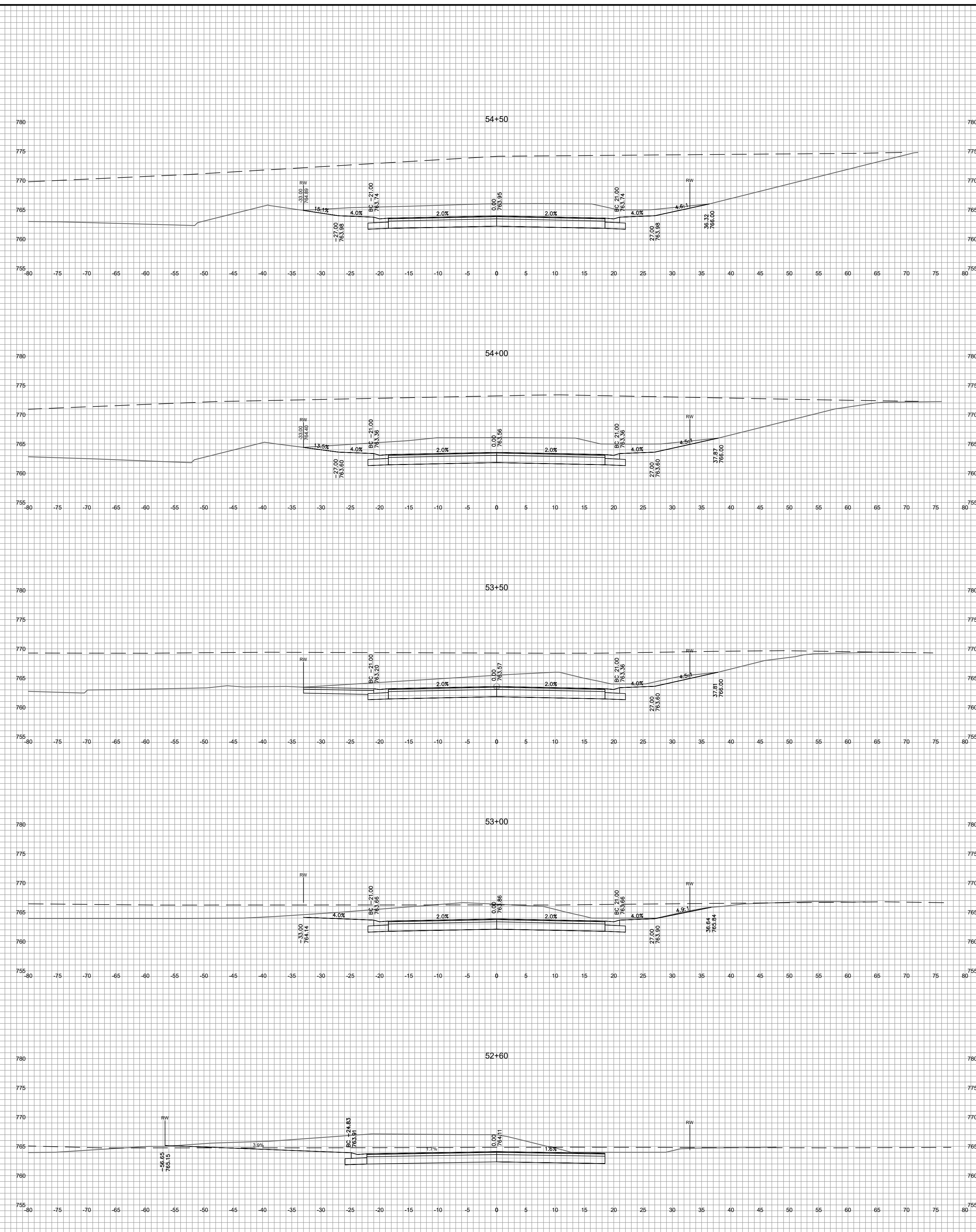
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REVISIONS	
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2 - MUNICIPAL SUBMITTAL	7/25/22
3 - MUNICIPAL SUBMITTAL	11/04/22
4 - VILLAGE COMMENTS	12/12/22
5 - FIRE HYDRANT REVISIONS	04/26/23
6 - FOTH UPDATES	05/01/23
7 - CONSTRUCTION SET	05/05/23

REG JOB No. 1912.00 WI  
REG PM AUS  
START DATE 04/20/22  
SCALE N.T.S.

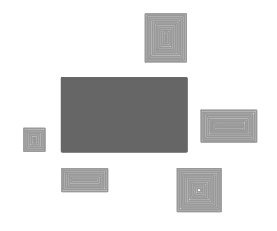
SHEET  
**XS-7**  
**C-59**

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REVIEWED: AUS


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**CALEDONIA CORPORATE PARK**  
**INFRASTRUCTURE PLANS**  
**CALEDONIA, WI**

**EAST ACCESS ROAD**  
**CROSS SECTIONS**

REVISIONS	
1 DRT CHECKSET	7/8/22
2 MUNICIPAL SUBMITTAL	7/25/22
3 MUNICIPAL SUBMITTAL	11/04/22
4 VILLAGE COMMENTS	12/12/22
5 FIRE HYDRANT REVISIONS	04/26/23
6 FOTH UPDATES	05/01/23
7 CONSTRUCTION SET	05/05/23

REG JOB No. 1912.00 WI  
 REG PM AUS  
 START DATE 04/20/22  
 SCALE N.T.S.  
**SHEET XS-8 C-59**

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 DESIGNED: JSJ  
 CHECKED: JSJ  
 REVIEWED: DJR  
 DATE: 05/15/22

# NORTHWESTERN AVENUE COUNTY TRUNK HIGHWAY "K"

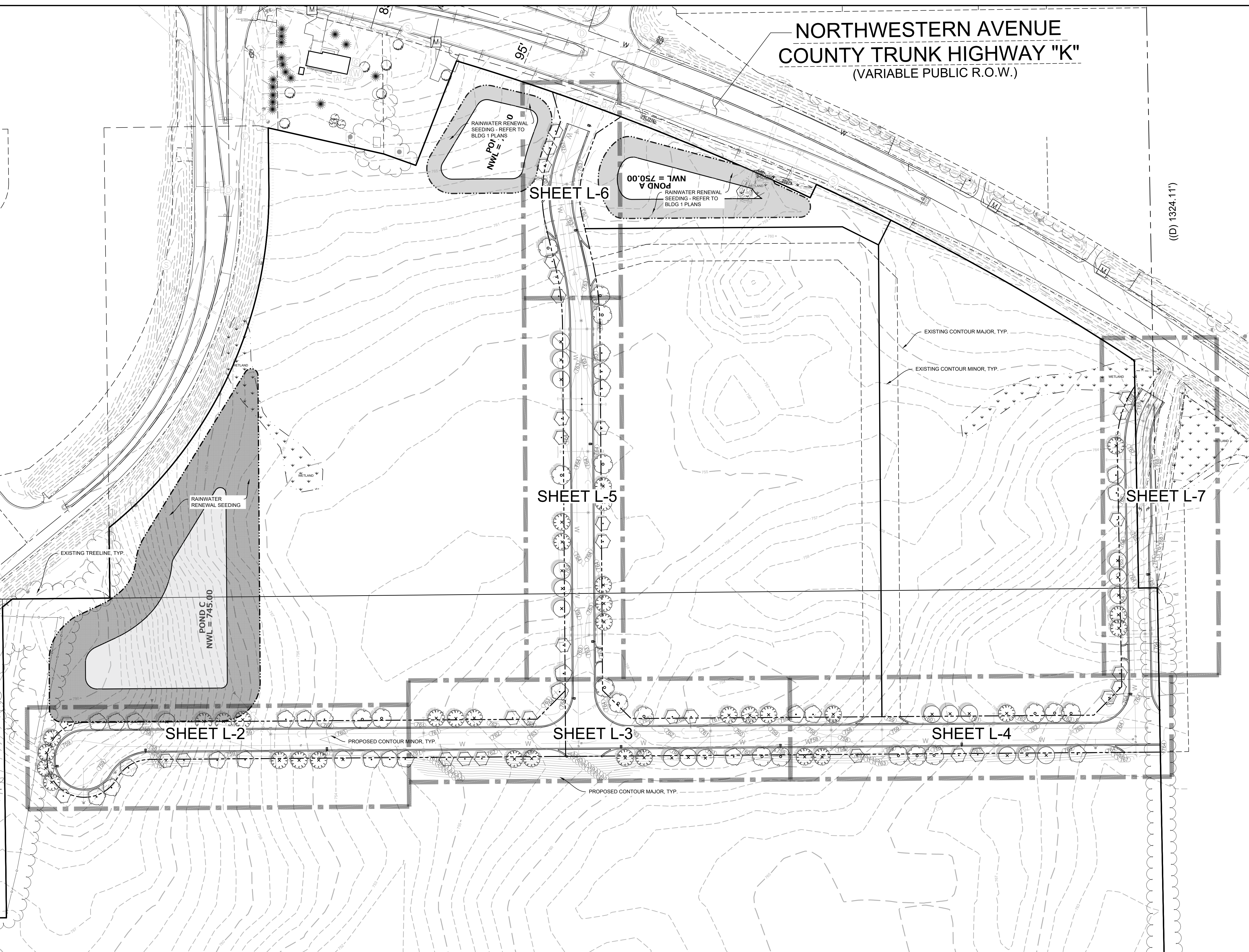
(VARIABLE PUBLIC R.O.W.)

### PLANT SCHEDULE

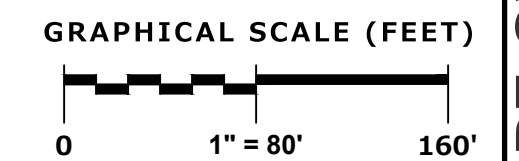
STREET TREES	QTY	BOTANICAL / COMMON NAME	SIZE
	34	Acer freemanii 'Autumn Fantasy' Autumn Fantasy Maple 50' T x 40' W	2' Cal.
	20	Celtis occidentalis 'Chicagoland' Chicagoland Hackberry 50' T x 40' W	2' Cal.
	19	Gymnocladus dioica Kentucky Coffee Tree 70' T x 45' W	2' Cal.
	25	Tilia tomentosa 'Sterling' Sterling Silver Linden 45' T x 35' W	2' Cal.
	32	Ulmus x 'Frontier' Frontier Elm 45' T x 30' W	2' Cal.

GROUND COVERS	QTY	BOTANICAL NAME	COMMON NAME
	87,255 sf	Rain Garden	AGRECOL RAINWATER RENEWAL MIX



(D) 1324.11'



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## CALEDONIA CORPORATE PARK INFRASTRUCTURE PLANS CALEDONIA, WI

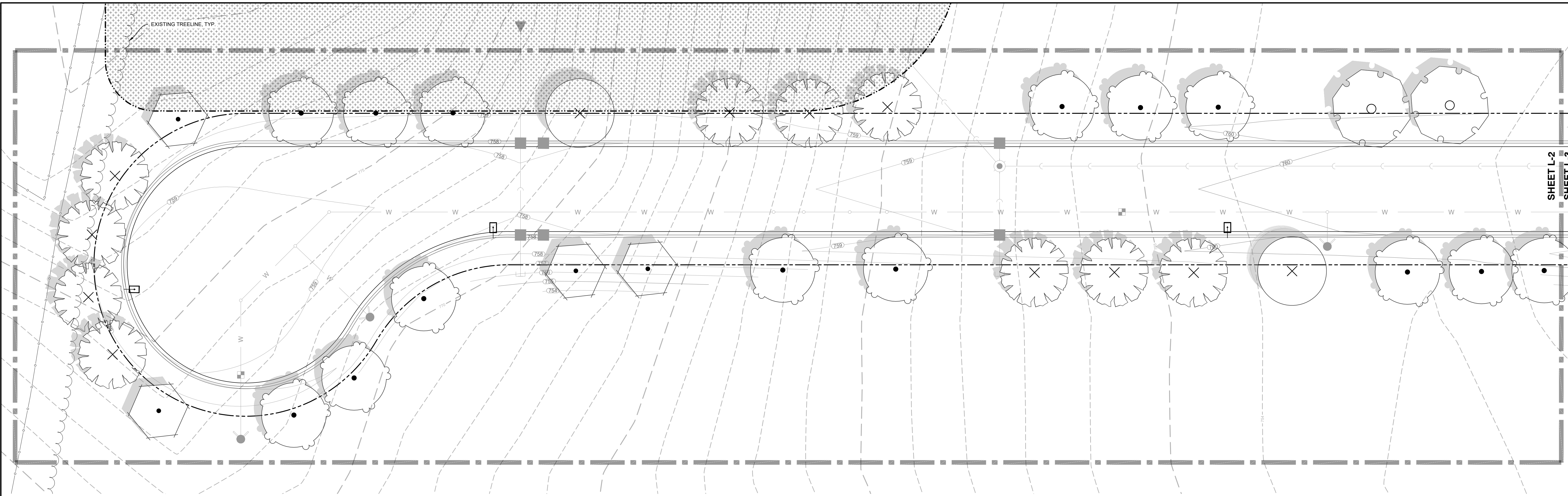
### LANDSCAPE OVERVIEW

REVISIONS	
1. DRT CHECKSET	7/8/22
2. MUNICIPAL SUBMITTAL	7/25/22
3. MUNICIPAL SUBMITTAL	11/04/22
4. VILLAGE COMMENTS	12/12/22
5. FIRE HYDRANT REVISIONS	04/26/23
6. FOTH UPDATES	05/01/23
7. CONSTRUCTION SET	05/05/23

REG JOB No: 1912.00.WI	AJS	SHEET
REG PM: AUS	04/20/22	L-1
START DATE: 04/20/22	SCALE: 1" = 80'	L-8

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 LANDSCAPE OVERVIEW  
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 DESIGNED: JSJ  
 CHECKED: JSJ  
 REVIEWED: DUB  
 DATED: JSJ

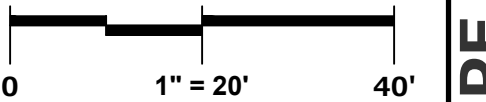


**PLANT KEY**

STREET TREES	BOTANICAL NAME	COMMON NAME
	<i>Acer freemanii</i> 'Autumn Fantasy'	Autumn Fantasy Maple
	<i>Celtis occidentalis</i> 'Chicagoland'	Chicagoland Hackberry
	<i>Gymnocladus dioica</i>	Kentucky Coffee Tree
	<i>Tilia tomentosa</i> 'Sterling'	Sterling Silver Linden
	<i>Ulmus</i> x 'Frontier'	Frontier Elm



GRAPHICAL SCALE (FEET)



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**INFRASTRUCTURE PLANS**  
**CALEDONIA, WI**

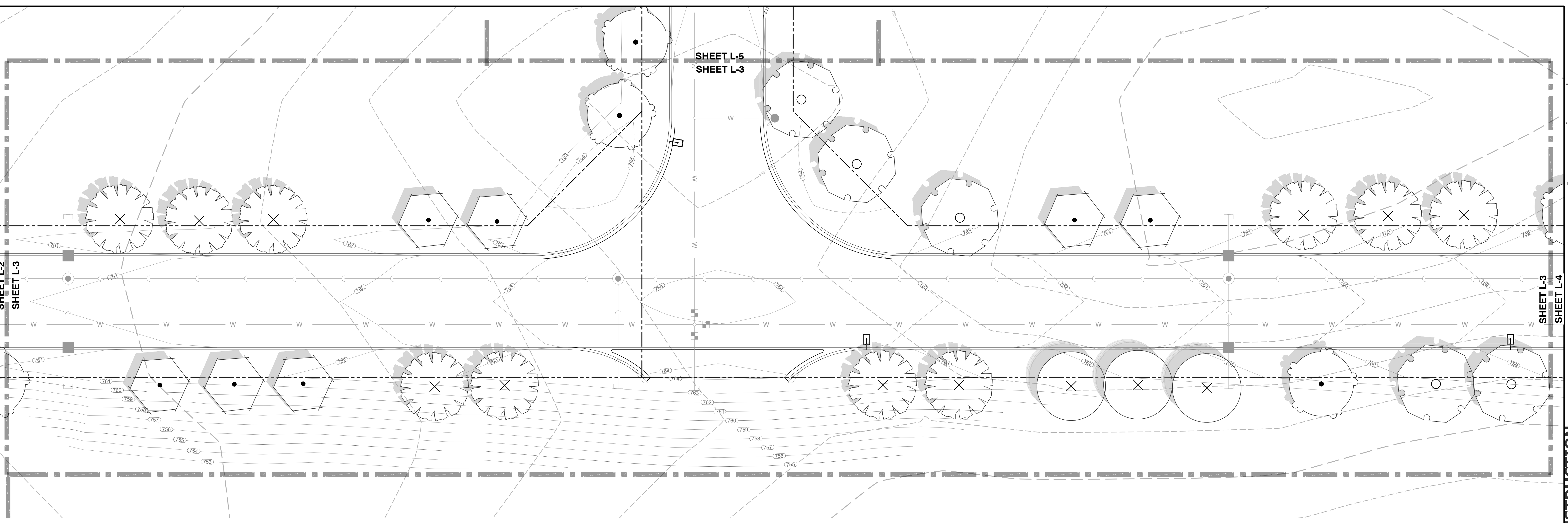
**LANDSCAPE ENLARGEMENT**

REVISIONS	
1. DRT CHECKSET	7/8/22
2. MUNICIPAL SUBMITTAL	7/25/22
3. MUNICIPAL SUBMITTAL	11/04/22
4. VILLAGE COMMENTS	12/12/22
5. FIRE HYDRANT REVISIONS	04/26/23
6. FOTH UPDATES	05/01/23
7. CONSTRUCTION SET	05/05/23

SHEET  
**L-2**  
 L-8  
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DESIGNED: JSJ  
DRAWN: JSJ  
CHECKED: JSJ  
REVIEWED: DUB  
DATE: 04/20/22



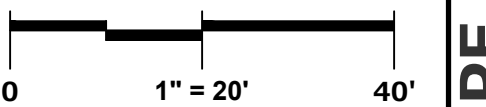
**PLANT KEY**

STREET TREES	BOTANICAL NAME	COMMON NAME
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	<i>Acer freemanii</i> 'Autumn Fantasy'	Autumn Fantasy Maple
	<i>Celtis occidentalis</i> 'Chicagoland'	Chicagoland Hackberry
	<i>Gymnocladus dioica</i>	Kentucky Coffee Tree
	<i>Tilia tomentosa</i> 'Sterling'	Sterling Silver Linden
	<i>Ulmus</i> x 'Frontier'	Frontier Elm



GRAPHICAL SCALE (FEET)



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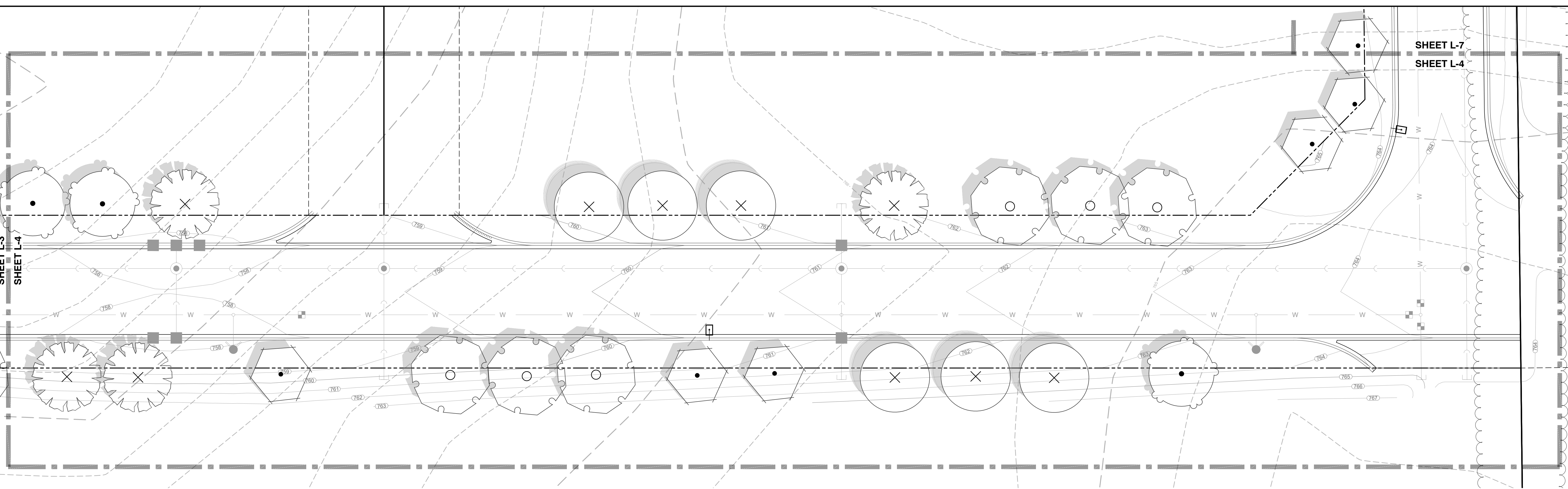
**CALEDONIA CORPORATE PARK  
INFRASTRUCTURE PLANS  
CALEDONIA, WI**

**LANDSCAPE ENLARGEMENT**

REVISIONS	
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2. MUNICIPAL SUBMITTAL	7/25/22
3. MUNICIPAL SUBMITTAL	11/04/22
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7. CONSTRUCTION SET	05/05/23

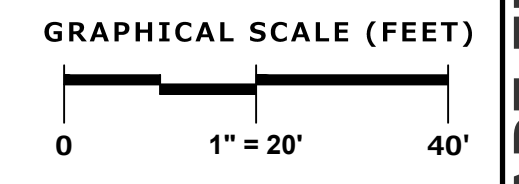
REG. JOB NO. 1912.00.WI	REG. P.M. AJS	START DATE 04/20/22	SCALE 1" = 20'
SHEET			L-3
SHEET			L-8

DESIGNED: JSJ  
DRAWN: JSJ  
CHECKED: JSJ  
REVIEWED: DUB  
DATE: 04/20/22  
PROJECT: 2020\1912.00-WI\CAD\SHEETS\ROADWAY\1912.00 STREET TREE PLAN.DWG



**PLANT KEY**

STREET TREES	BOTANICAL NAME	COMMON NAME
	<i>Acer freemanii</i> 'Autumn Fantasy'	Autumn Fantasy Maple
	<i>Celtis occidentalis</i> 'Chicagoland'	Chicagoland Hackberry
	<i>Gymnocladus dioica</i>	Kentucky Coffee Tree
	<i>Tilia tomentosa</i> 'Sterling'	Sterling Silver Linden
	<i>Ulmus</i> x 'Frontier'	Frontier Elm



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**LANDSCAPE ENLARGEMENT**

**REVISIONS**

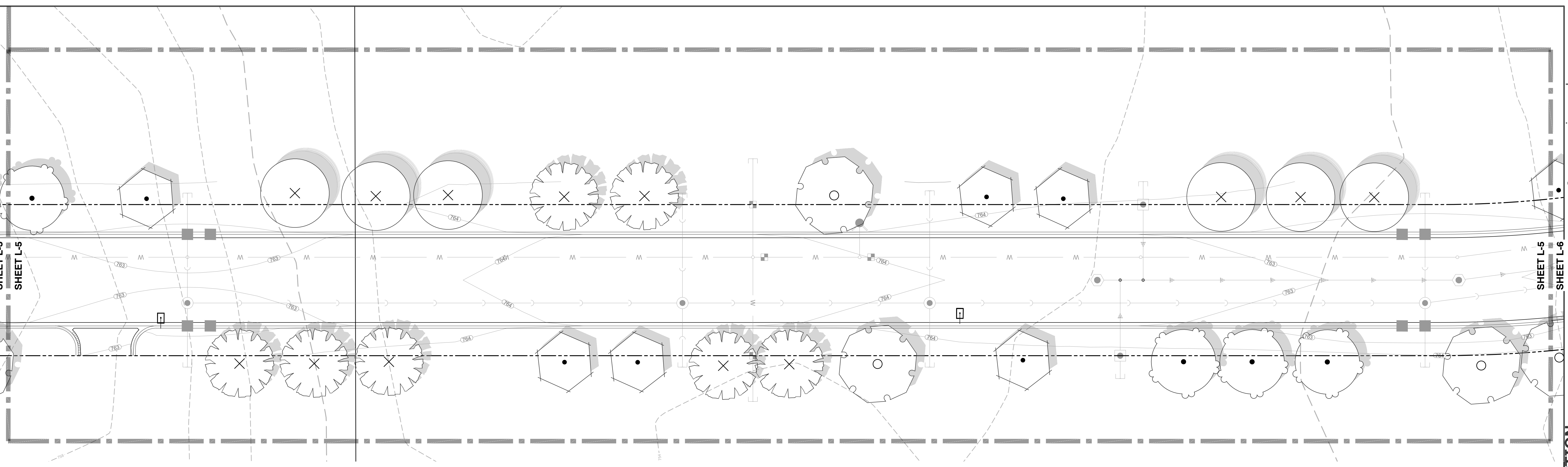
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3. MUNICIPAL SUBMITTAL	11/04/22	7. CONSTRUCTION SET	05/05/23
4. VILLAGE COMMENTS	12/12/22		

REG. JOB NO. 1912.00 WI  
 REG. P.N. AJS  
 START DATE 04/20/22  
 SCALE 1" = 20'

**SHEET**  
 L-4  
 L-8

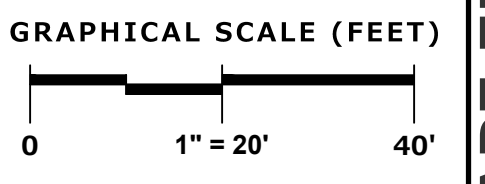
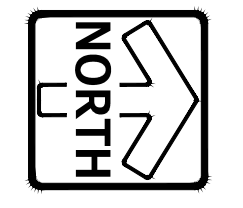
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 CHECKED: JSJ  
 DRAWN: JSJ  
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STREET TREES	BOTANICAL NAME	COMMON NAME
	<i>Acer freemanii</i> 'Autumn Fantasy'	Autumn Fantasy Maple
	<i>Celtis occidentalis</i> 'Chicagoland'	Chicagoland Hackberry
	<i>Gymnocladus dioicus</i>	Kentucky Coffee Tree
	<i>Tilia tomentosa</i> 'Sterling'	Sterling Silver Linden
	<i>Ulmus</i> x 'Frontier'	Frontier Elm



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**INFRASTRUCTURE PLANS**  
**CALEDONIA, WI**

**LANDSCAPE ENLARGEMENT**

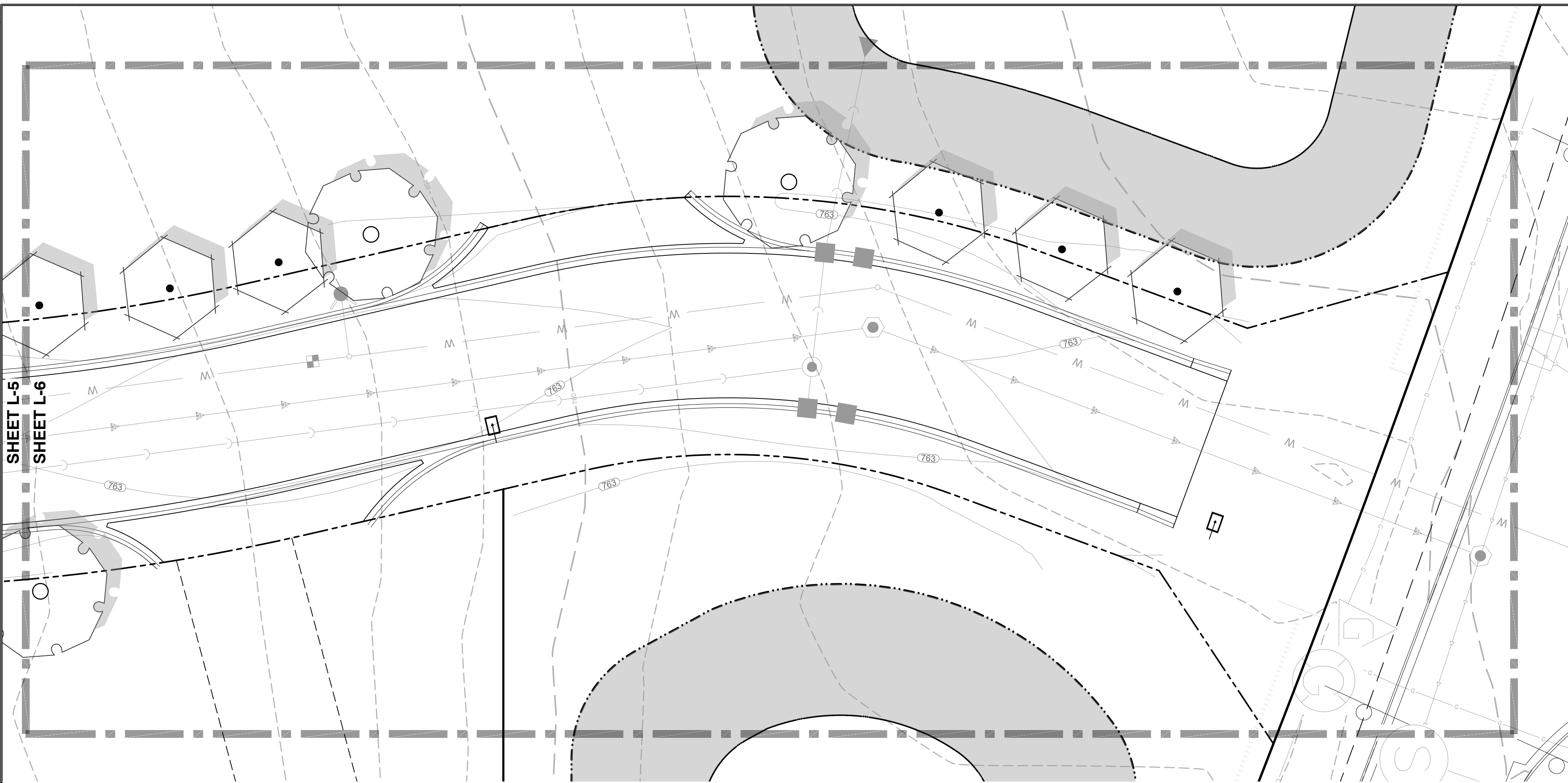
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2. MUNICIPAL SUBMITTAL	7/25/22
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4. VILLAGE COMMENTS	12/12/22
5. FIRE HYDRANT REVISIONS	04/26/23
6. FOTH UPDATES	05/01/23
7. CONSTRUCTION SET	05/05/23

SHEET  
**L-5**  
 L-8

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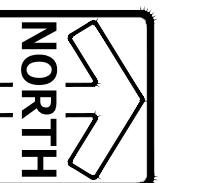
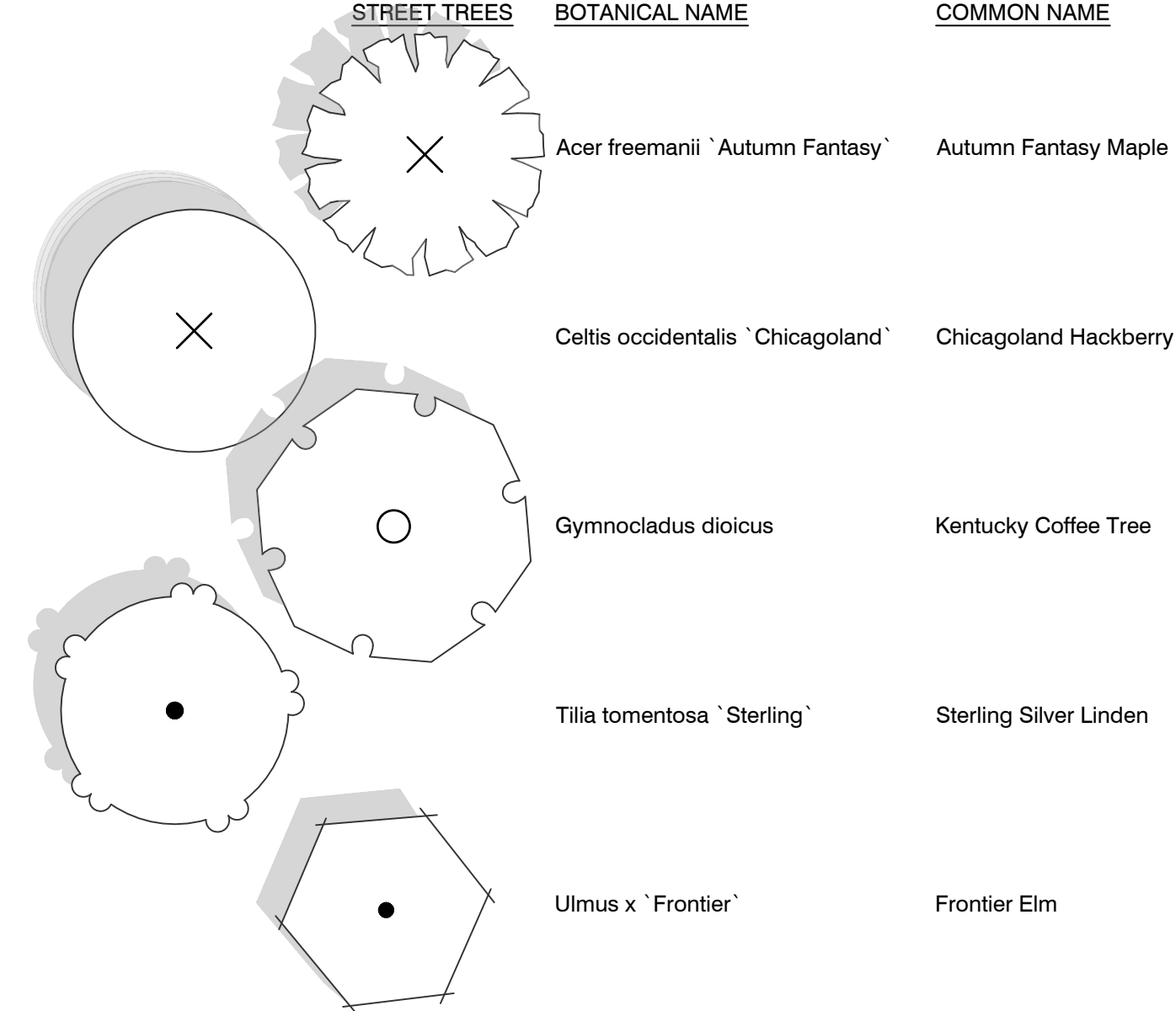
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REVIEWED: DUB

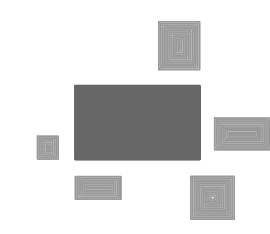
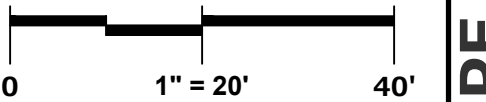


**PLANT KEY**

STREET TREES	BOTANICAL NAME	COMMON NAME
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GRAPHICAL SCALE (FEET)



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BROOKFIELD, WI 53186  
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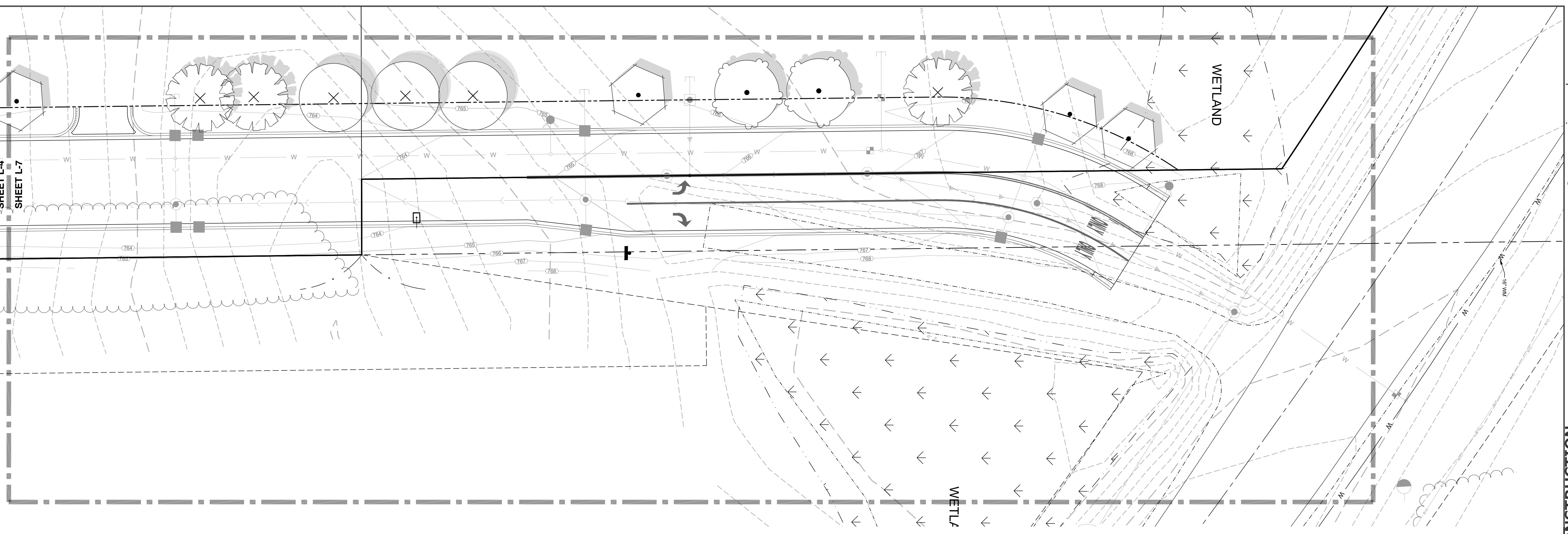
**LANDSCAPE ENLARGEMENT**

REVISIONS					
1	DRT CHECKSET	7/8/22	5	FIRE HYDRANT REVISIONS	04/26/23
2	MUNICIPAL SUBMITTAL	7/25/22	6	FOTH UPDATES	05/01/23
3	MUNICIPAL SUBMITTAL	11/04/22	7	CONSTRUCTION SET	05/05/23
4	VILLAGE COMMENTS	12/12/22			

REG JOB No. 1912.00 WI  
REG PM: AJS  
START DATE: 04/20/22  
SCALE: 1" = 20'

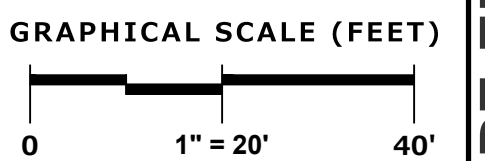
SHEET  
L-6  
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DESIGNED: JSJ  
DRAWN: JSJ  
CHECKED: JSJ  
REVIEWED: DUB  
DATE: 04/20/22  
PROJECT: 2020\1912.00-WI\CAD\SHEETS\ROADWAY\1912.00 STREET TREE PLAN.DWG



**PLANT KEY**

STREET TREES	BOTANICAL NAME	COMMON NAME
	<i>Acer freemanii</i> 'Autumn Fantasy'	Autumn Fantasy Maple
	<i>Celtis occidentalis</i> 'Chicagoland'	Chicagoland Hackberry
	<i>Gymnocladus dioicus</i>	Kentucky Coffee Tree
	<i>Tilia tomentosa</i> 'Sterling'	Sterling Silver Linden
	<i>Ulmus</i> x 'Frontier'	Frontier Elm



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REG. JOB NO. 1912.00 WI  
REG. P.N. AJS  
START DATE 04/20/22  
SCALE 1" = 20'

SHEET  
L-7  
L-8

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**GENERAL PLANTING NOTES**

- THE LAYOUT OF ALL PLANTING BEDS AND INDIVIDUAL TREES AND SHRUBS SHALL BE STAKED BY THE CONTRACTOR IN ADVANCE OF INSTALLATION. FLAGGING, STAKES, OR PAINT MAY BE USED TO DELINEATE LOCATIONS AS SCALED FROM THE PLANS. AN APPROVED REPRESENTATIVE WILL REVIEW THESE LOCATIONS WITH THE CONTRACTOR AND MAKE MINOR ADJUSTMENTS AS NECESSARY. BED LAYOUT SHALL ALSO INCLUDE PERENNIAL GROUPINGS BY SPECIES.
- THE CONTRACTOR IS RESPONSIBLE FOR INDEPENDENTLY DETERMINING THE PLANT MATERIAL QUANTITIES REQUIRED BY THE LANDSCAPE PLANS. REPORT ANY DISCREPANCIES TO THE LANDSCAPE ARCHITECT.
- NO PLANT MATERIAL OR PLANT SIZE SUBSTITUTIONS WILL BE ACCEPTED WITHOUT APPROVAL BY THE LANDSCAPE ARCHITECT. ANY CHANGES SHALL BE SUBMITTED TO THE LANDSCAPE ARCHITECT IN WRITING PRIOR TO INSTALLATION.
- ALL BNB STOCK SHALL BE NURSERY GROWN IN A CLAY LOAM SOIL FOR A MINIMUM OF THREE GROWING SEASONS WITHIN 200 MILES OF PROJECT LOCATION, IN A ZONE COMPATIBLE WITH USDA HARDINESS ZONE 5A. SEED SHALL BE PROVIDED FROM A NURSERY (WITHIN 200 MILES) WITH A SIMILAR PLANT HARDINESS ZONE AS PROJECT LOCATION. EXISTING SOIL SHALL BE AMENDED PER SOIL ANALYSIS REPORT TO ENSURE A PROPER GROWING MEDIUM IS ACHIEVED.
- ALL PLANT MATERIAL SHALL COMPLY WITH STANDARDS DESCRIBED IN AMERICAN STANDARD OF NURSERY STOCK - Z60.1 ANSI. LANDSCAPE ARCHITECT OR OWNERS AUTHORIZED REPRESENTATIVE RESERVES THE RIGHT TO INSPECT AND POTENTIALLY REJECT ANY PLANT MATERIAL DEEMED TO NOT MEET THE REQUIRED STANDARDS.
- ALL STOCK SHALL BE FREE OF DISEASES AND HARMFUL INSECTS, DAMAGE, DISORDERS AND DEFORMITIES.
- TREES SHALL HAVE SINGLE, STRAIGHT TRUNKS AND WELL BALANCED BRANCH SYSTEMS. MUTLI-STEM TREES SHALL HAVE 3-4 STRAIGHT TRUNKS AND WELL BALANCED BRANCH SYSTEMS. HEIGHT-TO-CALIPER RATIOS SHALL BE CONSISTENT WITH THE LATEST EDITION OF ANSI Z60.1.
- ROOT SYSTEMS SHALL BE LARGE ENOUGH TO ALLOW FOR FULL RECOVERY OF THE TREE, AND SHALL CONFORM TO STANDARDS AS THEY APPEAR IN THE MOST CURRENT REVISION OF THE AMERICAN ASSOCIATION OF NURSERYMEN'S AMERICAN STANDARD OF NURSERY STOCK ANSI Z60.1.
- BNB TREES SHALL BE DUG WITH A BALL OF SOIL, NOT SOFT BALLED OR POTTED AND SHALL BE FIRM IN THEIR ROOTBALL. ROOT BALL SHALL BE WRAPPED (WITH BIODEGRADABLE MATERIAL). THE TREE ROOT FLARE, OR COLLAR, SHALL BE AT OR WITHIN THE TOP THREE INCHES OF GRADE.
- ALL SPRING TREES MUST BE FRESHLY DUG IN THE MOST RECENT SPRING.
- ALL AUTUMN TREES MUST BE FRESHLY DUG IN THE MOST RECENT AUTUMN.
- TREES SHALL BE ALIVE, HEALTHY AND APPROPRIATELY MOIST, AT TIME OF DELIVERY. TREES SHALL BE SUBJECT TO INSPECTION FOR CONFORMITY TO SPECIFICATION REQUIREMENTS AND APPROVAL BY THE LANDSCAPE ARCHITECT OR OWNERS REPRESENTATIVE. THE LANDSCAPE ARCHITECT OR OWNERS REPRESENTATIVE RESERVES THE RIGHT TO REJECT ANY TREES THAT DO NOT MEET THE SPECIFICATIONS OR THAT HAVE BEEN DAMAGED DURING SHIPMENT. THE LANDSCAPE INSTALLER MUST RECEIVE APPROVAL FROM LANDSCAPE ARCHITECT FOR ANY SUBSTITUTIONS OR ALTERATIONS.
- ALL PLANT MATERIAL SHALL BE INSTALLED IN ACCORDANCE WITH PLANTING DETAILS.
- WHILE PLANTING TREES BACKFILL 3/4 OF PLANTING HOLE AND WATER TREE THOROUGHLY BEFORE INSTALLING THE REMAINDER OF SOIL MIXTURE. AFTER ALL SOIL HAS BEEN PLACED INTO THE PLANTING HOLE WATER THOROUGHLY AGAIN.
- THE CONTRACTOR MUST LABEL ALL TREES WITH THE COMMON AND BOTANICAL NAMES PRIOR TO FINAL INSPECTION.
- ALL PLANTING BEDS SHALL BE MULCHED WITH 3" DEEP SHREDDED HARDWOOD MULCH, AND ALL TREES PLANTED IN TURF AREAS SHALL RECEIVE A 3" DEEP SHREDDED HARDWOOD MULCHED RING AS SHOWN IN PLANTING DETAILS.
- ALL PLANTING BEDS AND TREE RINGS SHALL HAVE A 4" DEEP TRENCHED BED EDGE CREATED BY EITHER A FLAT LANDSCAPE SPADE OR MECHANICAL EDGER. BED EDGES ARE TO BE CUT CLEAN AND SMOOTH AS SHOWN ON LANDSCAPE PLANS WITH A CLEAR DEFINITION BETWEEN TURF AND PLANTING AREAS.
- ALL TURF SEED AREAS SHALL RECEIVE A MINIMUM OF 6" DEPTH OF TOPSOIL. WITH APPROVAL, EXISTING SOIL MAY BE UTILIZED PROVIDED THE PROPER SOIL AMENDMENTS ARE TILLED THOROUGHLY INTO THE TOP 6" OF SOIL AS INDICATED IN THE SOIL PLACEMENT NOTES. REQUIRED AMENDMENTS SHALL BE DETERMINED BASED ON A SOIL ANALYSIS TO BE PERFORMED. ALL TOPSOIL AMENDMENT SHALL BE AGED WEED FREE MANURE OR CLASS 1 ORGANIC MATTER.
- FOR LAWN SEEDING, APPLY A STARTER FERTILIZER AND SEED UNIFORMLY AT THE RATE RECOMMENDED BY MANUFACTURER, AND PROVIDE A MULCH COVERING THAT IS SUITABLE TO PROMOTE SEED GERMINATION AND TURF ESTABLISHMENT. CONTRACTOR TO PROVIDE FERTILIZER, SEED, AND MULCH SPECIFICATIONS TO THE LANDSCAPE ARCHITECT FOR APPROVAL PRIOR TO INSTALLATION. EROSION CONTROL MEASURES ARE TO BE INSTALLED IN THOSE AREAS REQUIRING STABILIZATION ( SWALES, SLOPES EXCEEDING 1:3, AND THOSE LOCATIONS INDICATED IN CIVIL DRAWINGS).
- THE CONTRACTOR TO ENSURE A SMOOTH, UNIFORM QUALITY TURF IS ACHIEVED WITH NO BARE SPOTS LARGER THAN 6" X 6". ANY BARE SPOTS LARGER THAN 6" X6" AT THE END OF ESTABLISHMENT PERIOD SHALL BE RESEED AT THE CONTRACTORS EXPENSE TO OBTAIN A DENSE, UNIFORM LAWN.
- ALL FINISH GRADING AND LAWN AREAS TO BE INSTALLED BY LANDSCAPE CONTRACTOR.
- ALL DISTURBED AREAS WITHIN THE PROJECT SHALL BE RESTORED TO ORIGINAL OR BETTER CONDITION.
- ALL DISTURBED AREAS OUTSIDE THE LIMITS OF WORK SHALL BE RESTORED TO ORIGINAL

OR BETTER CONDITION AT NO ADDITIONAL COST TO THE OWNER.

- THE CONTRACTOR SHALL VERIFY ALL EXISTING UTILITIES, INCLUDING ANY IRRIGATION LINES, PRIOR TO DIGGING. CONSULT DIGGERS HOTLINE.
- TREES SHALL BE INSTALLED NO CLOSER THAN:
  - 10 FEET FROM ANY FIRE HYDRANT
  - 7 FEET FROM STORM SEWER, SANITARY SEWER LATERALS, DRIVEWAYS, AND WATER SERVICE
- THE CONTRACTOR SHALL ENSURE THAT SOIL CONDITIONS AND COMPACTION ARE ADEQUATE TO ALLOW FOR PROPER DRAINAGE AROUND THE CONSTRUCTION SITE. UNDESIRABLE CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT PRIOR TO BEGINNING OF WORK. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ENSURE PROPER SURFACE AND SUBSURFACE DRAINAGE IN ALL AREAS
- THE CONTRACTOR IS RESPONSIBLE FOR ALL PERMITS, FEES, AND LICENSES NECESSARY FOR THE INSTALLATION OF THIS PLAN.
- THE CONTRACTOR IS TO REVIEW ALL SITE ENGINEERING DOCUMENTS PRIOR TO INSTALLATION. ANY CONFLICTS MUST BE REPORTED TO THE LANDSCAPE ARCHITECT. THESE LANDSCAPE DRAWINGS ARE FOR THE INSTALLATION OF PLANT MATERIALS ONLY UNLESS OTHERWISE STATED.
- THE CONTRACTOR SHALL PROVIDE WATERING AND MAINTENANCE SERVICES FOR A PERIOD OF 60 DAYS TO ENSURE VEGETATIVE ESTABLISHMENT. UPON COMPLETION OF THE PROJECT, CONTRACTOR SHALL SUPPLY THE OWNER IN WRITING WITH ONGOING WATERING AND MAINTENANCE INSTRUCTIONS.
- PLANT MATERIALS SHALL BE GUARANTEED FOR A PERIOD OF ONE (1) YEAR FROM TIME OF OWNER ACCEPTANCE. ONLY ONE REPLACEMENT PER PLANT WILL BE REQUIRED DURING THE WARRANTY PERIOD EXCEPT IN THE EVENT OF FAILURE TO COMPLY WITH THE SPECIFIED REQUIREMENTS.
- THE CONTRACTOR IS RESPONSIBLE TO CONDUCT A FINAL WALK THROUGH WITH THE LANDSCAPE ARCHITECT AND OR OWNERS REPRESENTATIVE TO ANSWER QUESTIONS, PROVIDE INSTRUCTIONS, AND ENSURE THAT PROJECT REQUIREMENTS HAVE BEEN MET.

**SOIL PLACEMENT NOTES**

- LOOSEN SUBGRADE TO A MINIMUM DEPTH INDICATED IN PLANTING NOTES USING A CULTI-MULCHER OR SIMILAR EQUIPMENT, AND REMOVE STONES MEASURING OVER 1-1/2 INCHES IN ANY DIMENSION, STICKS, RUBBISH AND OTHER EXTRANEIOUS MATTER. AREAS ADJACENT TO WALKS AND PAVEMENT SHALL BE FREE OF EXCESS STONE AND PAVING MATERIALS SO AS TO PROVIDE AN UNINTERRUPTED CROSS SECTION OF SOIL. INTERNAL PARKING ISLANDS SHALL BE LOOSENED TO A DEPTH OF 30".
- THOROUGHLY BLEND PLANTING SOIL MIX FOR PLANTING BED AREAS. (1 PART EXISTING SOIL, 1 PART TOPSOIL, 1 PART ORGANIC SOIL AMENDMENT, 2.9 POUNDS PER CUBIC YARD OF 4-4-4 ANALYSIS SLOW-RELEASE FERTILIZER)
- TREE AND SHRUB HOLES SHALL BE FILLED WITH A PREPARED PLANTING MIXTURE OF 1 PART TOPSOIL, 2 PARTS PLANTING SOIL MIX.
- SPREAD SOIL AND SOIL AMENDMENTS TO DEPTH INDICATED ON DRAWINGS, BUT NOT LESS THAN REQUIRED TO MEET FINISH GRADES AFTER NATURAL SETTLEMENT. (FINISH GRADE OF PLANTING BEDS SHALL BE 3" BELOW ALL ADJACENT SURFACES. FINISH GRADE OF TURF SEEDING AREAS SHALL BE 1" BELOW ALL ADJACENT HARD SURFACES, WALKS, AND CURBS.)
- PLACE APPROXIMATELY 1/2 OF TOTAL AMOUNT OF SOIL REQUIRED. WORK INTO TOP OF LOOSENED SUBGRADE TO CREATE A TRANSITION LAYER, THEN PLACE REMAINDER OF THE SOIL. SOIL TRANSITION LAYER SHALL BE TILLED TO A MINIMUM DEPTH OF 6" BELOW THE DEPTH OF NEWLY PLACED SOIL. PARKING LOT ISLANDS SHALL BE CROWNED TO A HEIGHT OF 6" TO PROVIDE PROPER DRAINAGE UNLESS OTHERWISE NOTED.
- DO NOT SPREAD IF PLANTING SOIL OR SUBGRADE IS FROZEN, MUDDY, OR EXCESSIVELY WET.
- FINISH GRADING: GRADE SOIL TO A SMOOTH, UNIFORM SURFACE PLANE WITH A LOOSE, UNIFORMLY FINE TEXTURE.
- ROLL AND RAKE, REMOVE RIDGES, AND FILL DEPRESSIONS TO MEET FINISH GRADES.
- RESTORE PLANTING BEDS IF ERODED OR OTHERWISE DISTURBED AFTER FINISH GRADING AND BEFORE PLANTING.

**NATIVE SEEDING & PLUG PLANTINGS**

ESTABLISHMENT OF A VIABLE VEGETATION COMMUNITY WITHIN THE BIO INFILTRATION BASINS WILL BE COMPLETED BY HAND-BROADCASTING OF PRE-DESIGNED SEED MIXES AND PLANTING OF PERENNIALS TO CREATE A DYNAMIC PLANTING.

**PRIOR TO SEEDING/PLUG PLANTING:**

- ALL WEEDS AND EXISTING VEGETATION SHALL BE REMOVED. EXISTING VEGETATION SHALL BE TREATED WITH GLYPHOSATE OR SIMILAR HERBICIDE BY A LICENSED PROFESSIONAL. TREATMENT SHALL OCCUR A MINIMUM OF 10 DAYS PRIOR TO SEEDING/PLANTING. VEGETATION STILL ALIVE AFTER INITIAL HERBICIDE TREATMENT SHALL BE TREATED A SECOND TIME PRIOR TO TILLING INTO THE SOIL. TREATED VEGETATION SHALL BE TILLED INTO THE SOIL NO EARLIER THAN 1 DAY PRIOR TO SEEDING.
- PREPARATION OF SOIL PRIOR TO SEEDING
  - REFER TO CIVIL PLANS FOR SOIL MIXTURE.
  - ALL FOREIGN MATERIALS LARGER THAN 1-INCH SHALL BE REMOVED FROM THE SOIL PRIOR TO SEEDING OR PLANTING.
  - AREA SHOULD BE FREE FROM UNSIGHTLY VARIATIONS, RIDGES, AND DEPRESSIONS.
  - AVOID DRIVING OVER THE SPECIFIED AREA WITH MACHINERY.

**SPECIFICATIONS FOR HAND BROADCASTING:**

SEEDING SHALL BE CONDUCTED IN LATE FALL (SEPTEMBER 1- SOIL FREEZE) SO THAT SEEDS MAY LIE DORMANT DURING THE WINTER, ALLOWING FOR STRATIFICATION, OR SPRING (MARCH 1-JUNE 1) TO ALLOW A COMPLETE GROWING SEASON TO BECOME ESTABLISHED.

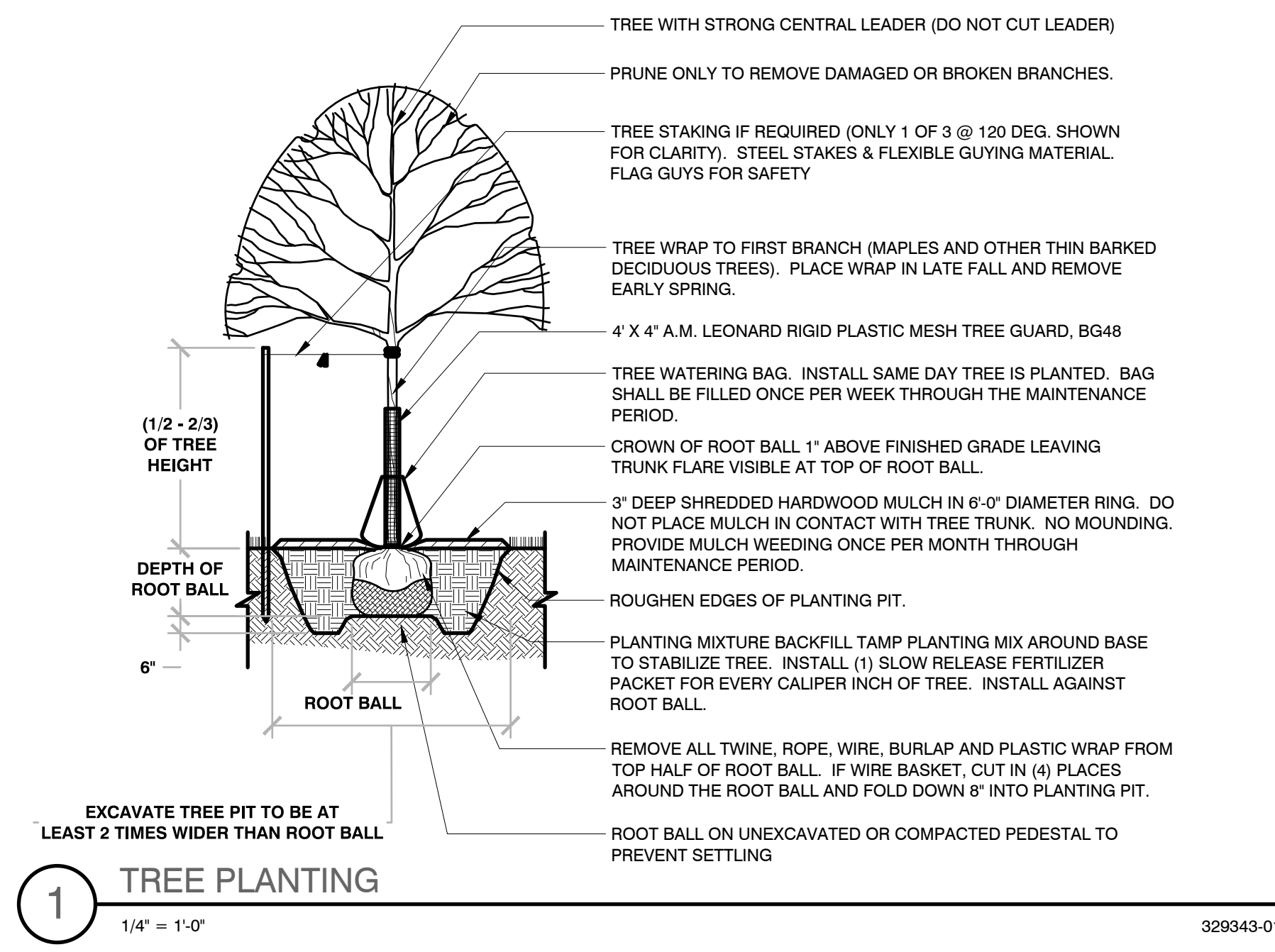
**A. COVER CROP**

- ANNUAL RYE SHALL BE SPREAD AT A DENSITY OF 20 POUNDS PER ACRE DURING THE PLANTING OR SEEDING OF THE NATIVE PLANT SPECIES TO STABILIZE THE SOIL AND REDUCE THE GROWTH OF UNWANTED VEGETATION. THIS ANNUAL GRASS GROWS RAPIDLY WITHOUT COMPETING WITH THE WILDFLOWERS AND GRASSES THAT ARE PLANTED IN THE TARGET AREAS.
- WINTER WHEAT OR PERENNIAL RYE SHALL NOT BE USED AS A COVER CROP. THESE GRASSES MAY OUT COMPETE PRAIRIE SEEDLINGS, LEADING TO A REDUCTION IN THE SUCCESS OF THE PLANTINGS.

**B. SEED MIX:**

- MIX ALL NATIVE SEED WITH VERMICULITE ACCORDING TO AGRECOL RECOMMENDATIONS AND INSTALLATION GUIDELINES.
- BROADCAST HALF THE SEED OVER THE ENTIRE SITE OR TARGET AREA.
- BROADCAST THE OTHER HALF OF SEED PERPENDICULAR TO THE DIRECTION THAT THE FIRST HALF OF THE SEED WAS BROADCAST.
- COVER SEED WITH 1/4 -INCH TO 1/2 -INCH OF SOIL (USE ANY EXCESS SOIL FROM THE SITE) WITH RAKE OR DRAG.
- ROLL SITE TO ENSURE FIRM SEED-TO-GROUND CONTACT.
- KEEP SEED CONSTANTLY WET THROUGH GERMINATION PERIOD. GENERALLY 3 WEEKS.

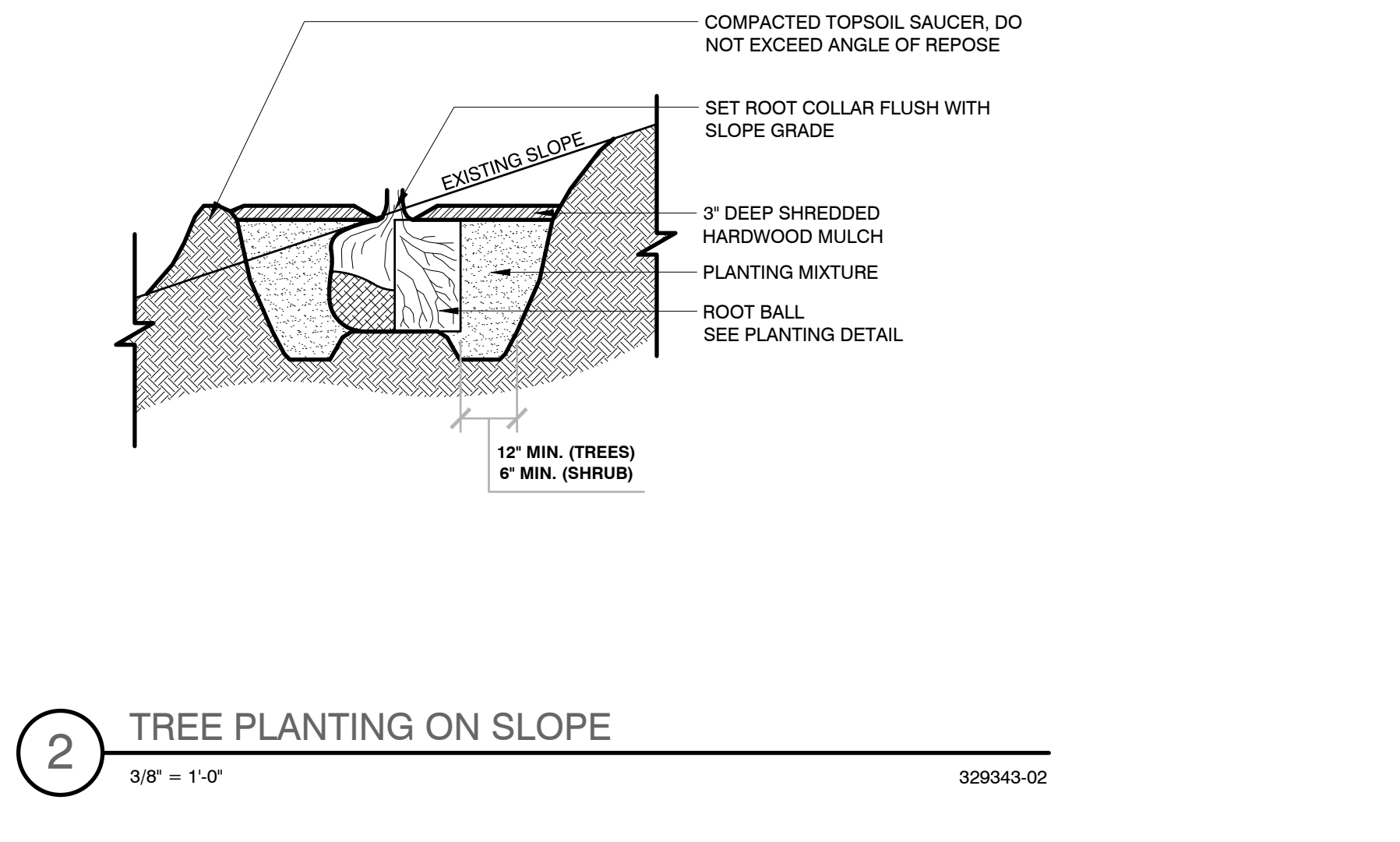
ALL SEEDING SHALL BE COVERED WITH 1-INCH OF CLEAN, NON-INVASIVE STRAW (NO MARSH HAY, OR REED CANARY GRASS) WITHOUT SEEDS, WITHIN SEVEN DAYS. WHEAT, RYE, OATS, OR BARLEY ARE ACCEPTABLE FORMS OF STRAW. THOSE AREAS OF SLOPES STEEPER THAN 8:1 (EIGHT FEET HORIZONTAL TO ONE FOOT VERTICAL) SHALL BE PLANTED NO LATER THAN OCTOBER 1 AND STAKED WITH AN EROSION CONTROL BLANKET TO PREVENT EROSION.



**1 TREE PLANTING**

1/4" = 1'-0"

329343-01



**2 TREE PLANTING ON SLOPE**

3/8" = 1'-0"

329343-02

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DESIGNED: JSU DRAFTED: JSU REVIEWED: DUB

FOR CONSTRUCTION LANDSCAPE GENERAL NOTES & DETAILS