

Madison, Wisconsin

CITY OF MADISON

CITY ENGINEERING DIVISION

DEPARTMENT OF PUBLIC WORKS

PLAN OF PROPOSED IMPROVEMENT

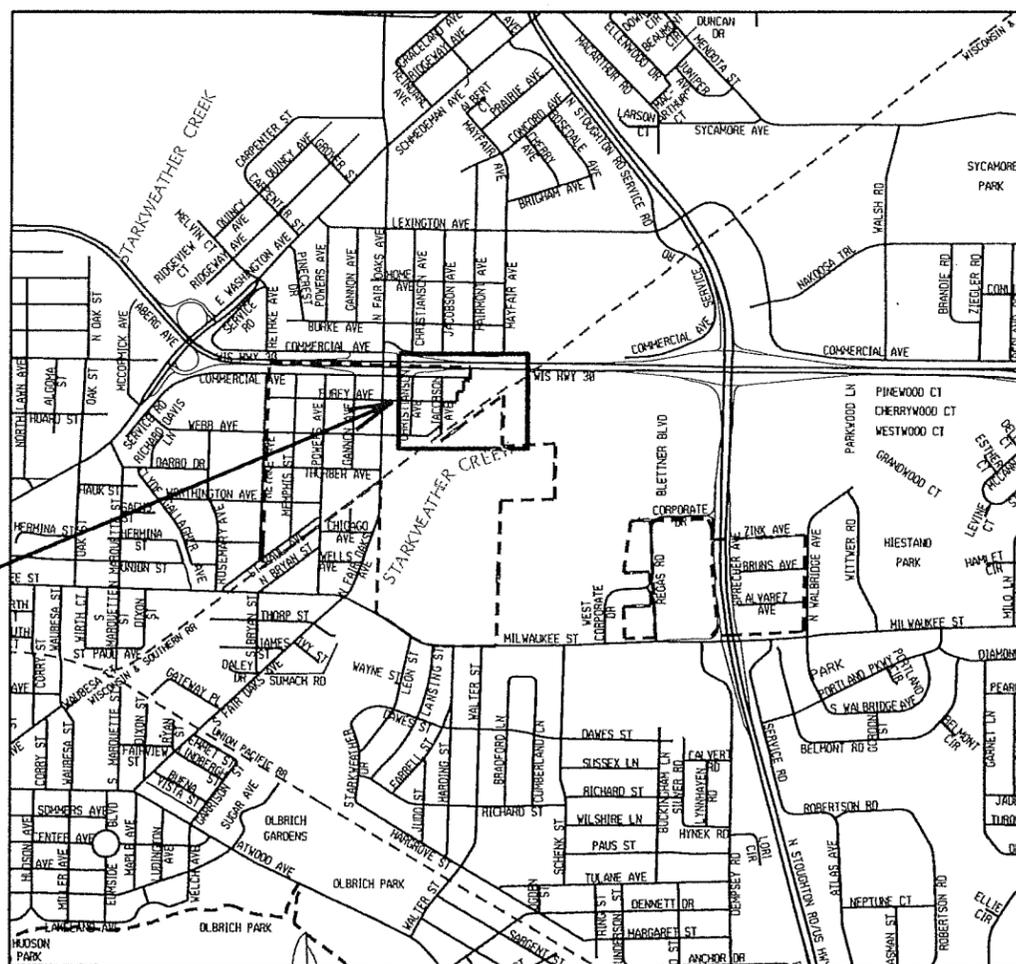
JACOBSON - FUREY POND

CITY PROJECT NO. 10314
CONTRACT NO. 8268

INDEX OF SHEETS

SHEET NO.	TITLE SHEET
SHEET NO. E1	EXISTING CONDITIONS
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SHEET NO. X22-26	BIKE PATH BASE CROSS-SECTIONS

PROJECT LOCATION



CONVENTIONAL SIGNS	
FIELD VERIFY ALL UTILITY LOCATIONS	
GAS	— G —
STORM SEWER	— ST —
SANITARY SEWER	— SAN —
WATER	— W —
OVERHEAD ELECTRIC	— OH —
POWER POLE	⊠

EARTH WORK SUMMARY:

TOTAL CUT.....	7,932 C.Y.
TOTAL FILL (EXCLUDING TOPSOIL).....	2,035 C.Y.
TOTAL HAUL.....	4,959 C.Y.

PUBLIC IMPROVEMENT PROJECT APPROVED

AUGUST 7, 2018

BY THE COMMON COUNCIL
OF MADISON, WISCONSIN

PUBLIC IMPROVEMENT DESIGN
APPROVED BY:

[Signature] 9/6/18
City Engineer Date

STORM SEWER DESIGNED BY:

[Signature]
SALLY C. SWENSON
45128-6
MADISON, WI
PROFESSIONAL ENGINEER
9/6/2018

WATER MAIN DESIGNED BY:

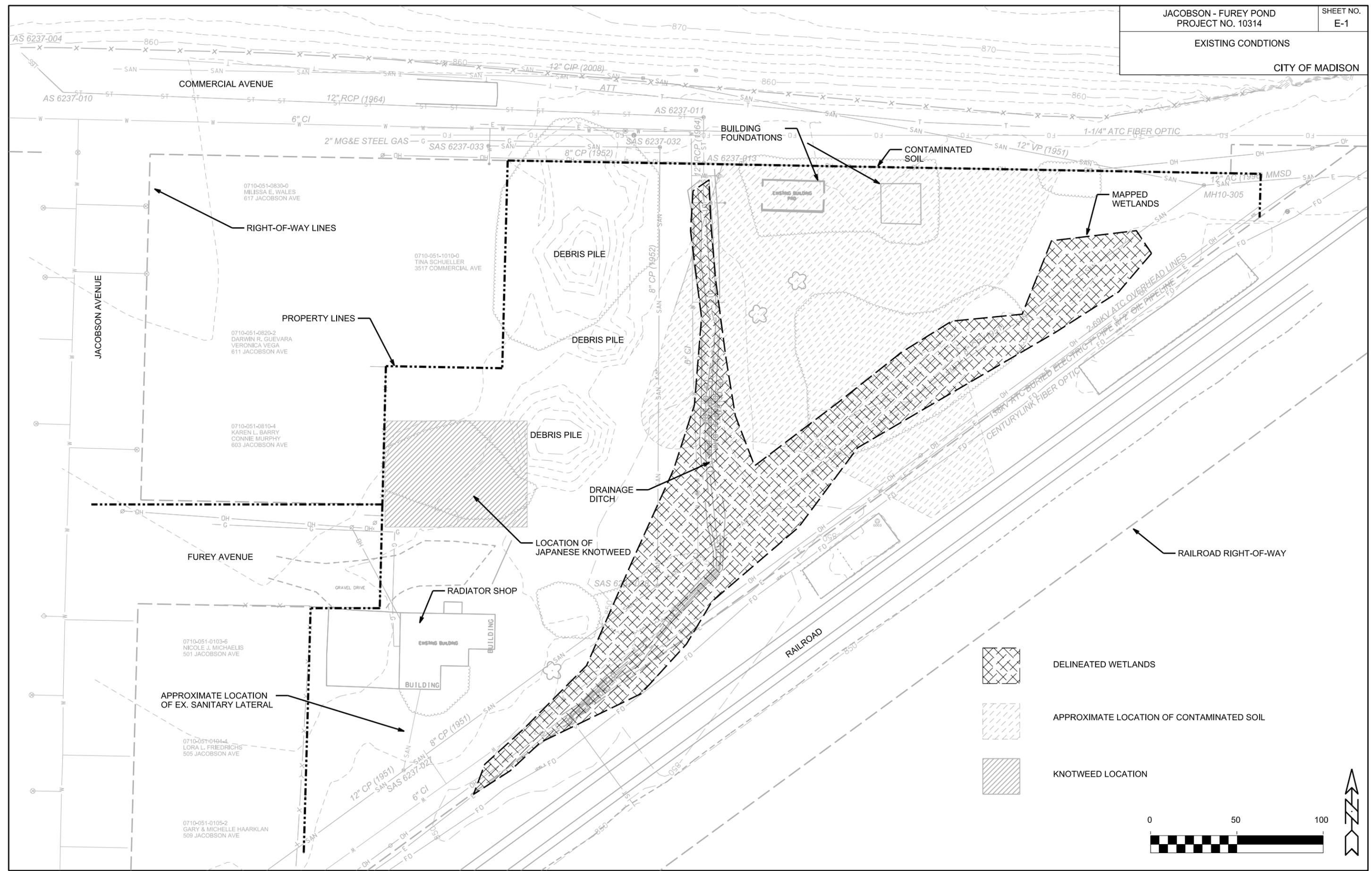
[Signature]
PETER E. HOLMGREN
E-42156
MADISON, WI
PROFESSIONAL ENGINEER
9/6/2018

PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

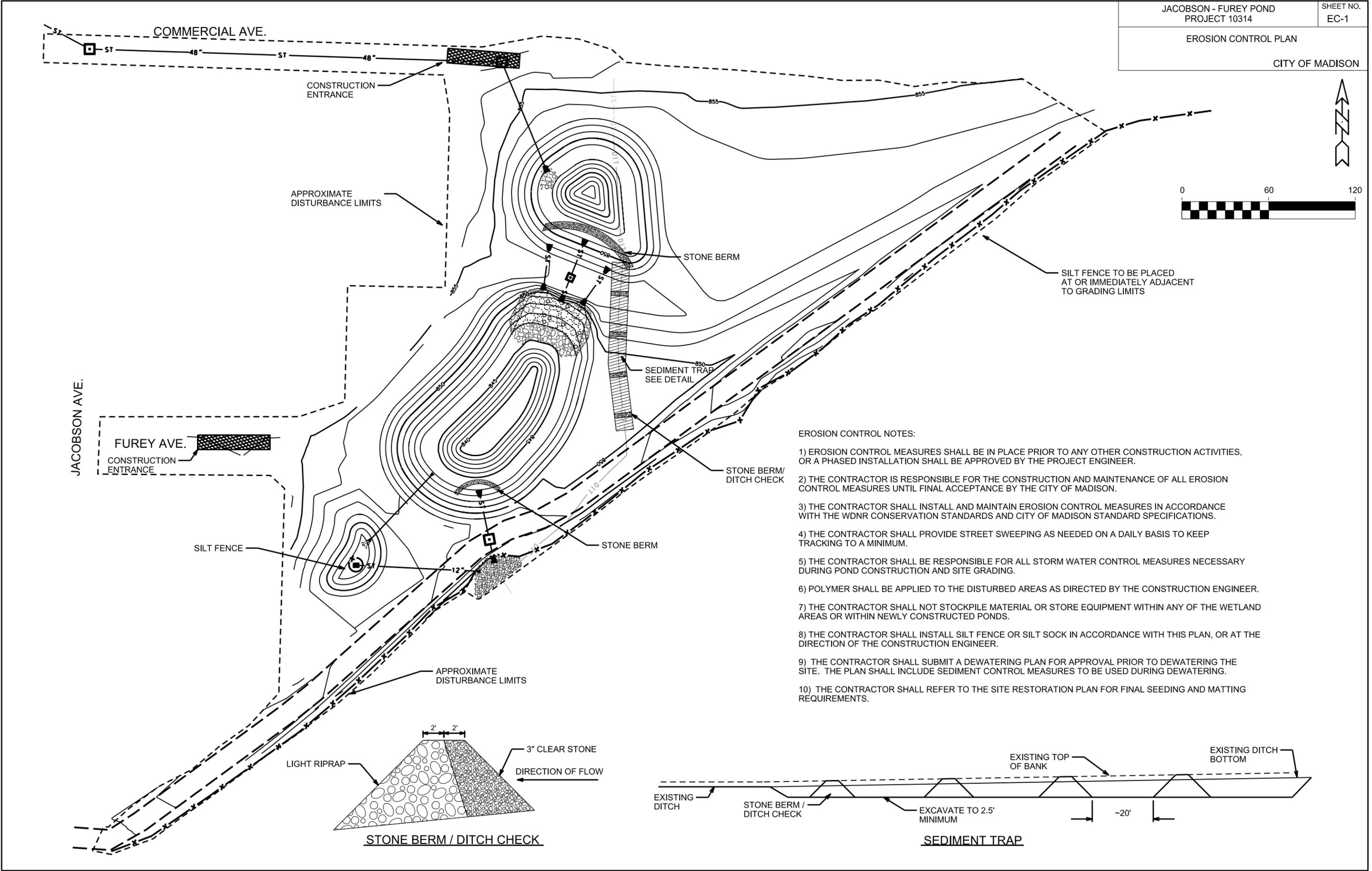
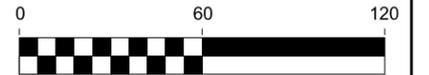


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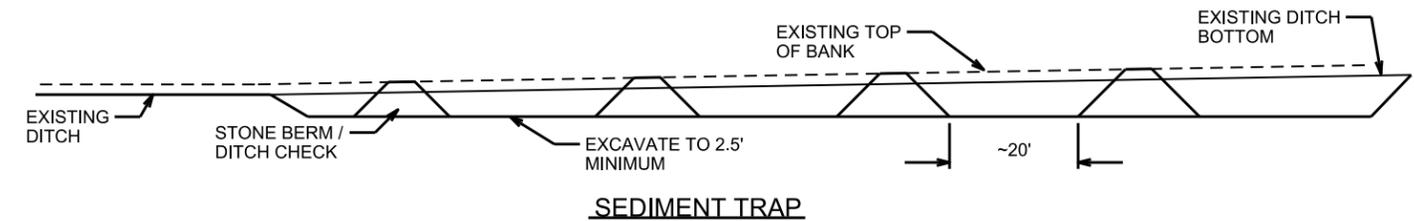
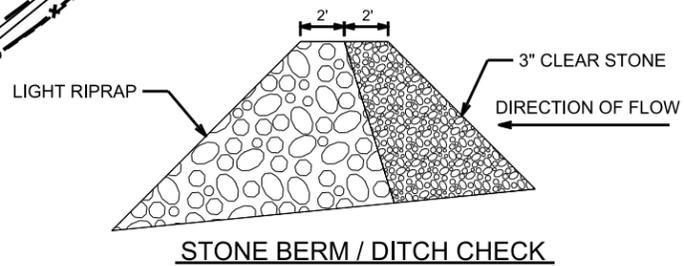
REV. DATE: _____

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EROSION CONTROL NOTES:

- 1) EROSION CONTROL MEASURES SHALL BE IN PLACE PRIOR TO ANY OTHER CONSTRUCTION ACTIVITIES, OR A PHASED INSTALLATION SHALL BE APPROVED BY THE PROJECT ENGINEER.
- 2) THE CONTRACTOR IS RESPONSIBLE FOR THE CONSTRUCTION AND MAINTENANCE OF ALL EROSION CONTROL MEASURES UNTIL FINAL ACCEPTANCE BY THE CITY OF MADISON.
- 3) THE CONTRACTOR SHALL INSTALL AND MAINTAIN EROSION CONTROL MEASURES IN ACCORDANCE WITH THE WDNR CONSERVATION STANDARDS AND CITY OF MADISON STANDARD SPECIFICATIONS.
- 4) THE CONTRACTOR SHALL PROVIDE STREET SWEEPING AS NEEDED ON A DAILY BASIS TO KEEP TRACKING TO A MINIMUM.
- 5) THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL STORM WATER CONTROL MEASURES NECESSARY DURING POND CONSTRUCTION AND SITE GRADING.
- 6) POLYMER SHALL BE APPLIED TO THE DISTURBED AREAS AS DIRECTED BY THE CONSTRUCTION ENGINEER.
- 7) THE CONTRACTOR SHALL NOT STOCKPILE MATERIAL OR STORE EQUIPMENT WITHIN ANY OF THE WETLAND AREAS OR WITHIN NEWLY CONSTRUCTED PONDS.
- 8) THE CONTRACTOR SHALL INSTALL SILT FENCE OR SILT SOCK IN ACCORDANCE WITH THIS PLAN, OR AT THE DIRECTION OF THE CONSTRUCTION ENGINEER.
- 9) THE CONTRACTOR SHALL SUBMIT A DEWATERING PLAN FOR APPROVAL PRIOR TO DEWATERING THE SITE. THE PLAN SHALL INCLUDE SEDIMENT CONTROL MEASURES TO BE USED DURING DEWATERING.
- 10) THE CONTRACTOR SHALL REFER TO THE SITE RESTORATION PLAN FOR FINAL SEEDING AND MATTING REQUIREMENTS.

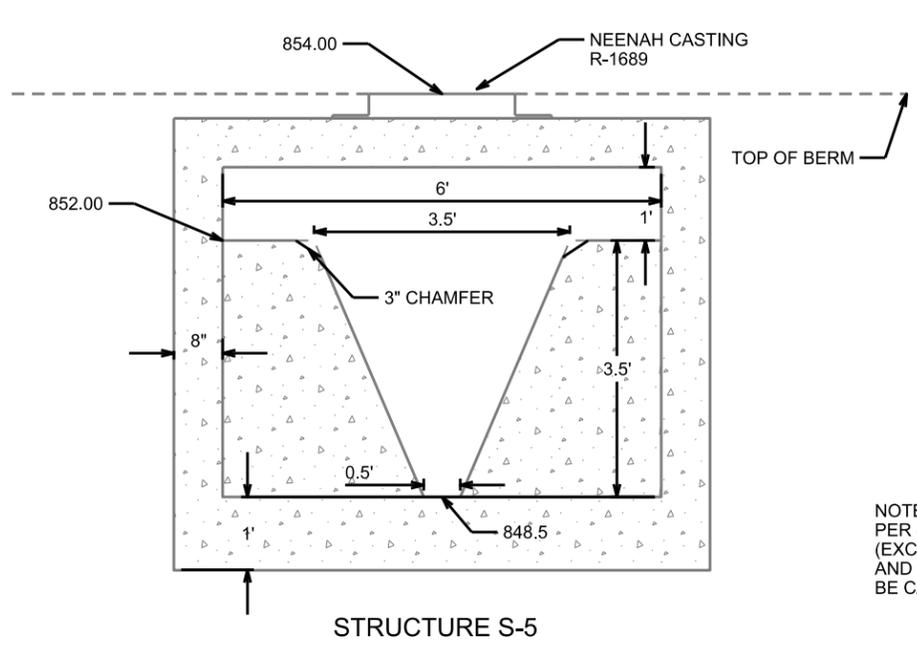
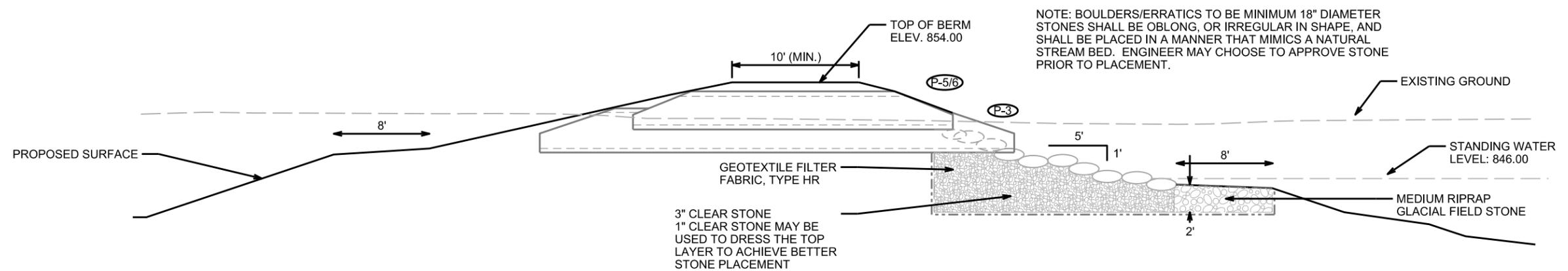
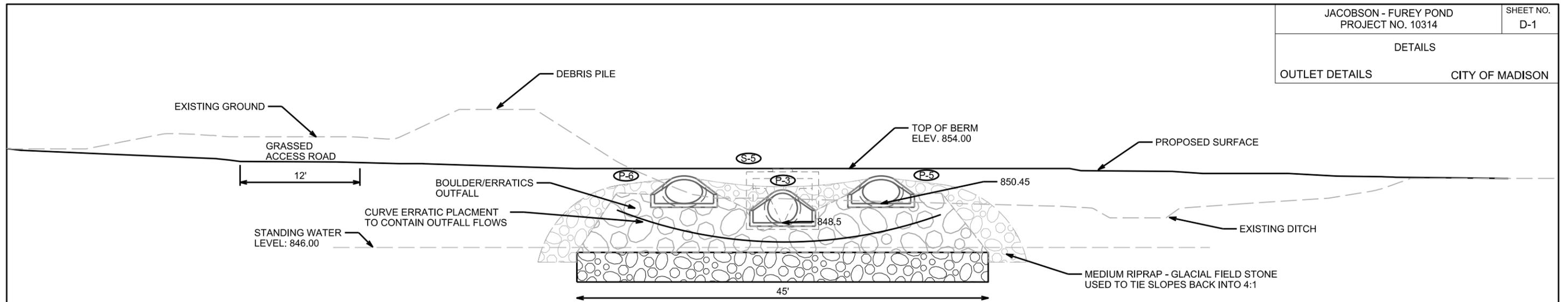


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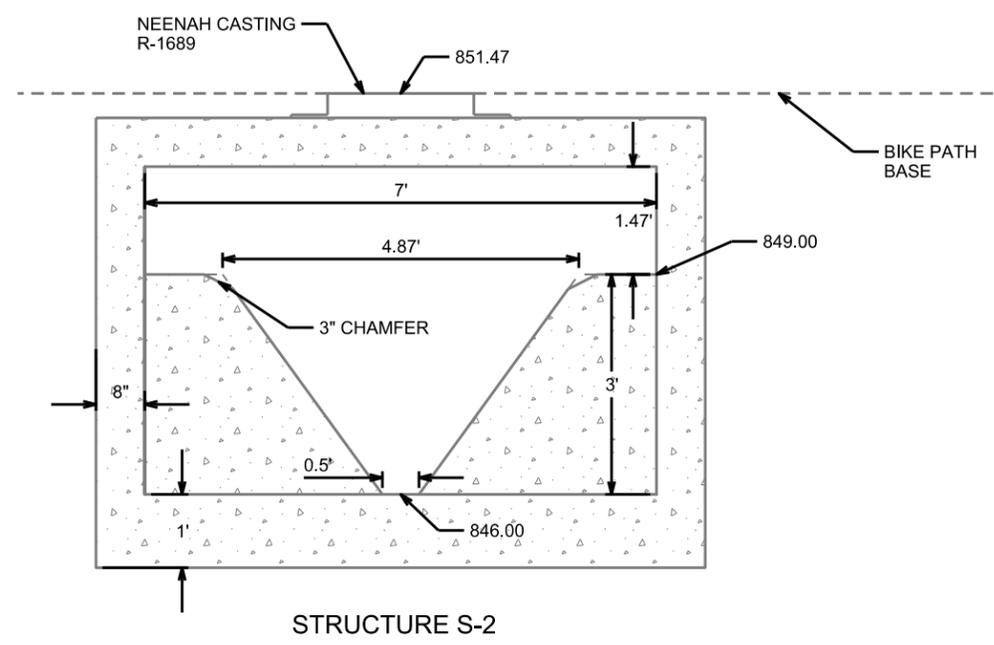
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ORIGINATOR: CITY OF MADISON, STREETS DIVISION



NOTE: CONSTRUCT WEIR STRUCTURES PER STANDARD DETAIL DRAWING 5.7.4 (EXCLUDING THE 3' SUMP). STEEL SIZING AND SPACING SPECIFIED FOR WALLS TO BE CARRIED INTO WEIR WALLS AS WELL.

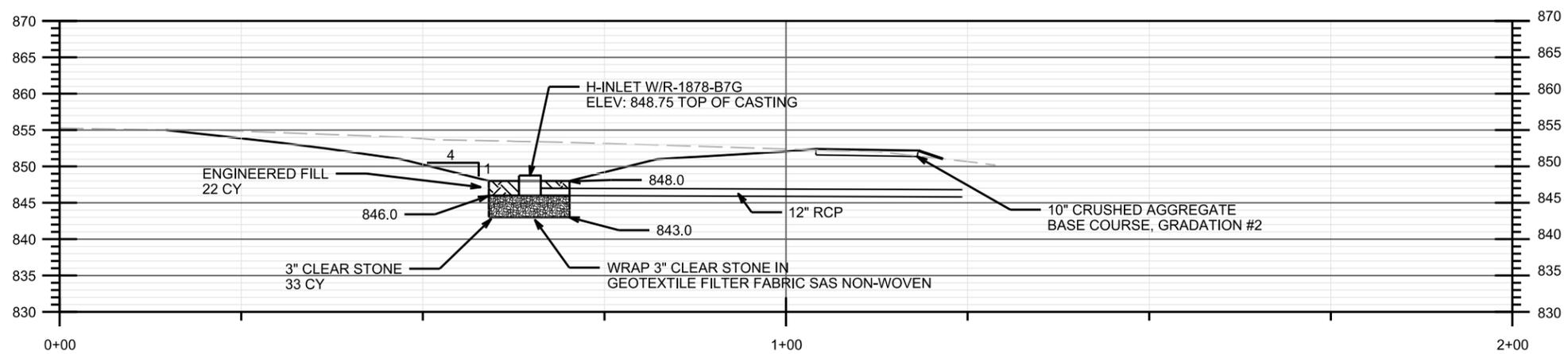
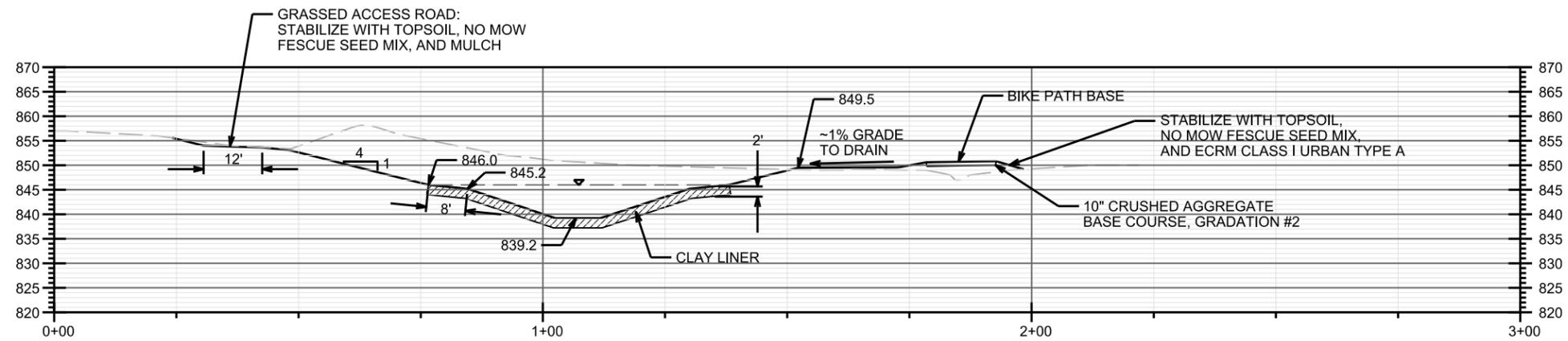
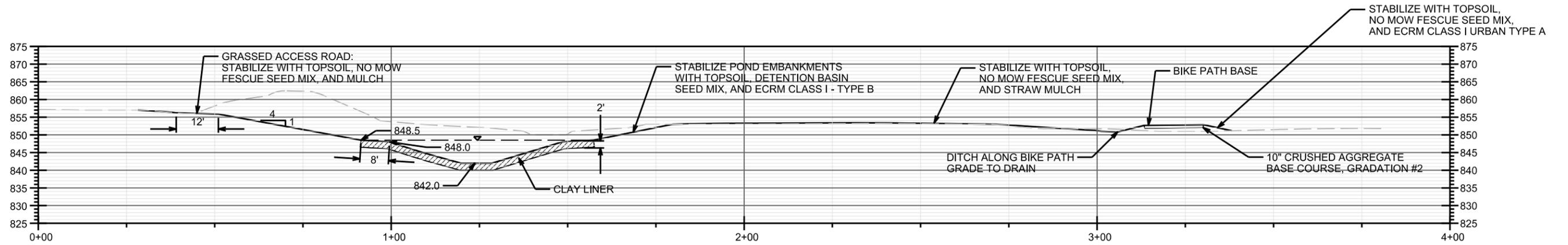


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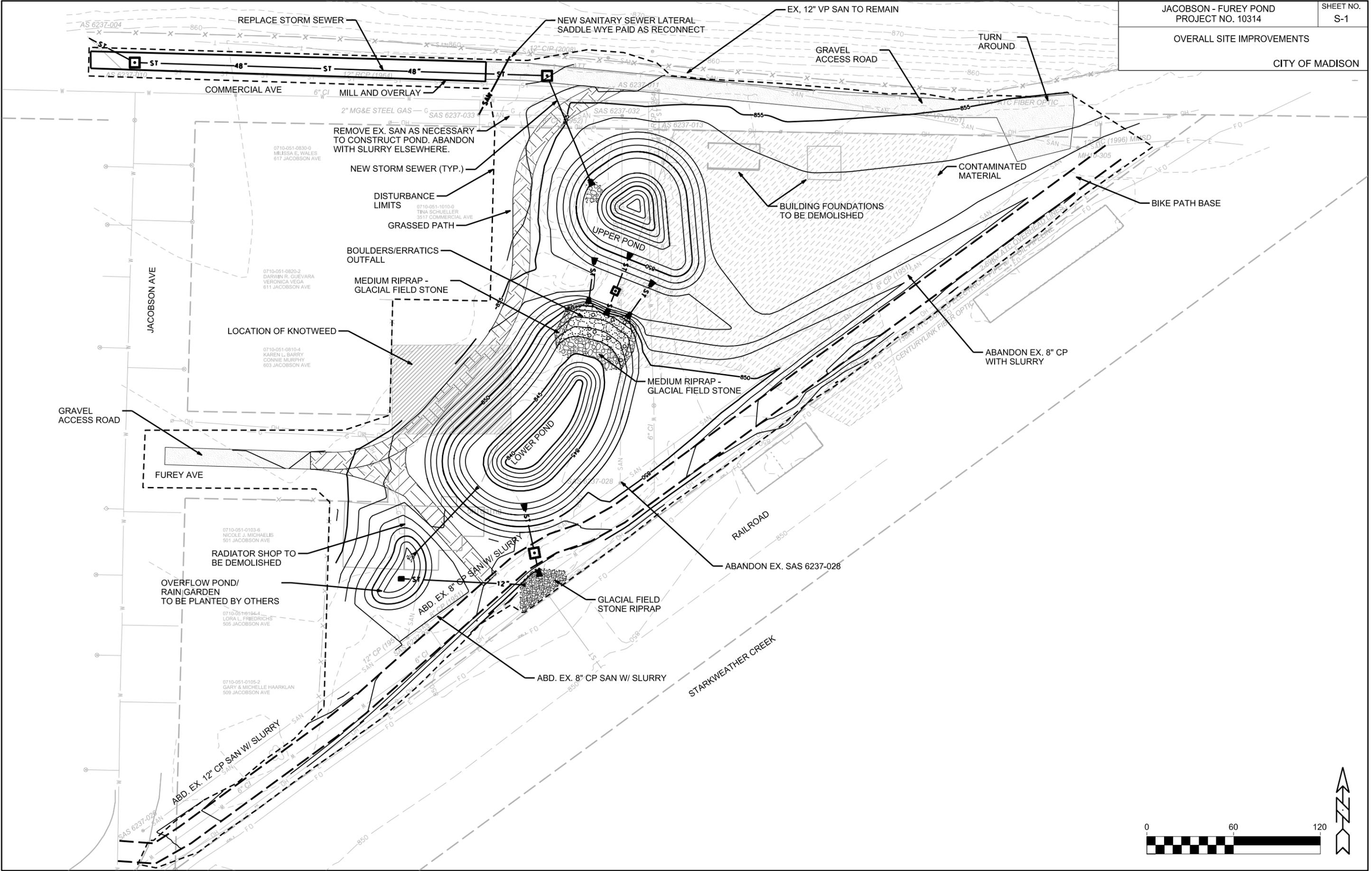
NOTE: OVERFLOW POND/RAIN GARDEN TO BE CONSTRUCTED IN ACCORDANCE WITH STANDARD DETAIL DRAWING 2.09 - BIO-RETENTION DETAIL.

PLOT SCALE: _____

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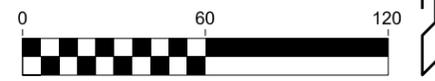


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REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



GENERAL NOTES:

1. ALL EROSION CONTROL, CLEARING AND GRUBBING IS THE RESPONSIBILITY OF THE PRIME CONTRACTOR.
2. SANITARY LATERAL TO BE ABANDONED/REMOVED BY OTHERS WHEN SANITARY MAINS ARE ABANDONED/REMOVED.
3. WATER LATERAL TO BE ABANDONED/REMOVED BY OTHERS WHEN WATER MAINS ARE ABANDONED/REMOVED.
4. CONTRACTOR SHALL BACK FILL AND COMPACT ALL EXCAVATIONS WITH SELECT FILL. LIFTS SHALL NOT EXCEED 12". FILL TO WITHIN 6" OF EXISTING GRADE. FINE GRADING AND TOPSOIL SHALL BE BY OTHERS.

CONTRACTOR TO PROTECT PRIVACY FENCE ADJACENT TO DEMOLITION AREA

REMOVE ALL EXTERIOR PAVEMENTS INCLUDING BUT NOT LIMITED TO ASPHALT PARKING PAD, CONCRETE WALKS, AND DOOR STOOPS.

REMOVE STRUCTURE AS PER SPECIAL PROVISIONS. INCLUDING BUT NOT LIMITED TO ALL ABOVE GRADE STRUCTURE; FOOTINGS, FOUNDATION WALLS, AND SLABS BELOW GRADE

FUREY AVE.

JACOBSON ST.

SAN

WAT

OE

WISCONSIN & SOUTHERN R.R.

OE



PLANS SCALE:
11 x 17: 1" = 30'

DEMOLITION
3533 FUREY AVE.

CONTRACT 8268
PROJECT 10314

DEMOLITION PLAN

1

WATER PLAN

JACOBSON AT FUREY CITY OF MADISON

SCALE: 1" = 100'

COMMERCIAL AVE

CHRISTIANSON AVE

FUREY AVE

WEBB AVE

JACOBSON AVE

WN20
STA 4+00.9 LT 30.8'
CUT-IN 6-IN X 6-IN TEE
W/ 6-IN MJ CAP ON E. LEG

STA 4+02.0 LT 28.8'
6-IN VALVE

STA 4+03.0 LT 27.0'
5-IN HYDRANT

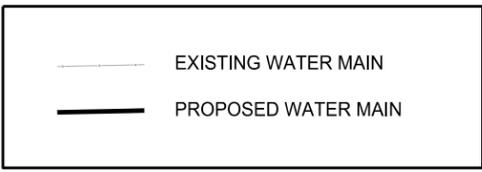
EXISTING WATER MAIN TO BE ABANDONED
BETWEEN CUT-IN CONNECTION AT STA 4+00.9
AND PROPOSED HYDRANT AT 0+08.2

APPROX. LIMITS OF EXISTING
WATER MAIN TO BE REMOVED
FOR SW POND CONSTRUCTION

WN21
STA 0+12.2 LT 272.8'
5-IN HYDRANT

STA 0+08.2 LT 275.8'
CUT-IN 6-IN VALVE

EXISTING WATER MAIN TO BE ABANDONED
BETWEEN THIS PROPOSED HYDRANT
AND PROPOSED HYDRANT AT 4+00.9



DISCLAIMER NOTE:
UTILITY LOCATIONS SHOWN ARE APPROXIMATE
ONLY. IT SHALL BE THE CONTRACTOR'S
RESPONSIBILITY TO DETERMINE THE EXACT
HORIZONTAL AND VERTICAL LOCATION OF ALL
EXISTING UNDERGROUND AND OVERHEAD
UTILITIES PRIOR TO COMMENCING WORK.

PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

CONSTRUCTION NOTES:

1. CONSTRUCT NEW WATER MAIN 6.0' BELOW FINISHED GRADE, UNLESS OTHERWISE NOTED. INSULATE MAIN WITH POLYSTYRENE BOARD AT UTILITY CROSSINGS OR OTHER AREAS IDENTIFIED BY ENGINEER AS HAVING INADEQUATE COVER.
2. VERIFY SIZE OF EXISTING WATER SERVICES AND RECONNECT SERVICES AS INDICATED.
3. MINIMIZE DISRUPTION OF SERVICE TO EXISTING CUSTOMERS. NOTIFY PER CONTRACT REQUIREMENTS OF ANY PLANNED WATER OUTAGE.
4. THE EXISTING UTILITIES SHOWN ON THIS PLAN REPRESENT THE BEST INFORMATION AVAILABLE TO THE WATER UTILITY AT THE TIME OF PLAN PREPARATION. CONTRACTOR IS RESPONSIBLE FOR HAVING EACH UTILITY LOCATED PRIOR TO COMMENCING WORK.

- WN1 REPLACE THE EXISTING LEAD SERVICE WITH A NEW COPPER SERVICE.
- WN2 EXTEND AND RECONNECT THE EXISTING COPPER SERVICE TO THE NEW WATER MAIN.
- WN3 EXISTING SERVICE TO BE ABANDONED WHEN THE WATER MAIN IS CUT OFF.
- WN4 DISCONNECT FROM THE OLD WATER MAIN AND RECONNECT THE EXISTING COPPER WATER SERVICE LATERAL TO THE NEW WATER MAIN.
- WN5 RELOCATE THE EXISTING FIRE HYDRANT.
- WN6 ABANDON WATER VALVE ACCESS STRUCTURE.
- WN7 FURNISH AND INSTALL THE NEW TOP SECTION FOR THE WATER ACCESS STRUCTURE.
- WN8 ABANDON THE VALVE BOX.
- WN9 FURNISH THE DITCH, COMPACTION, AND ALL MATERIALS AND LABOR FOR THE INSTALLATION OF NEW SERVICE LATERAL.
- WN10 REMOVE AND SALVAGE EXISTING HYDRANT
- WN11 REPLACE THE EXISTING COPPER SERVICE WITH A COPPER SERVICE
- WN20+ SEE WATER IMPACT PLAN FOR CONNECTION POINT ISOLATION AND WATER SHUT-OFF NOTIFICATION INFORMATION.

ESTIMATE OF MATERIALS SUPPLIED BY CONTRACTOR:

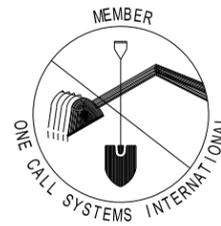
** ESTIMATE OF MATERIALS IS FOR INFORMATION ONLY. ENGINEER DOES NOT GUARANTEE ACCURACY OF MATERIAL TAKE-OFF.*

- | | |
|----------------------|-------------------|
| 12-FT - 6-IN PIPE | 2 - 6-IN MJ CAP |
| 2 - 6-IN VALVE & BOX | 2 - 5-IN HYDRANT |
| 1 - 6-IN X 6-IN TEE | 20-FT - POLY WRAP |

TO OBTAIN LOCATION OF PARTICIPANTS' UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN

CALL DIGGERS HOTLINE
TOLL FREE
811 OR 1-800-242-8511
FAX-A-LOCATE 1-800-338-3860
TDD (FOR HEARING IMPAIRED) 1-800-542-2289

WIS. STATUTE 182.0175 (1974)
REQUIRES MIN. OF 3 WORK DAYS
NOTICE BEFORE YOU EXCAVATE.



MATERIALS SUPPLIED BY CITY:

** ESTIMATE OF MATERIALS IS FOR INFORMATION ONLY. ENGINEER DOES NOT GUARANTEE ACCURACY OF MATERIAL TAKE-OFF.*

NONE

ESTIMATE OF REMOVED MATERIALS:

** ESTIMATE OF MATERIALS IS FOR INFORMATION ONLY. ENGINEER DOES NOT GUARANTEE ACCURACY OF MATERIAL TAKE-OFF.*

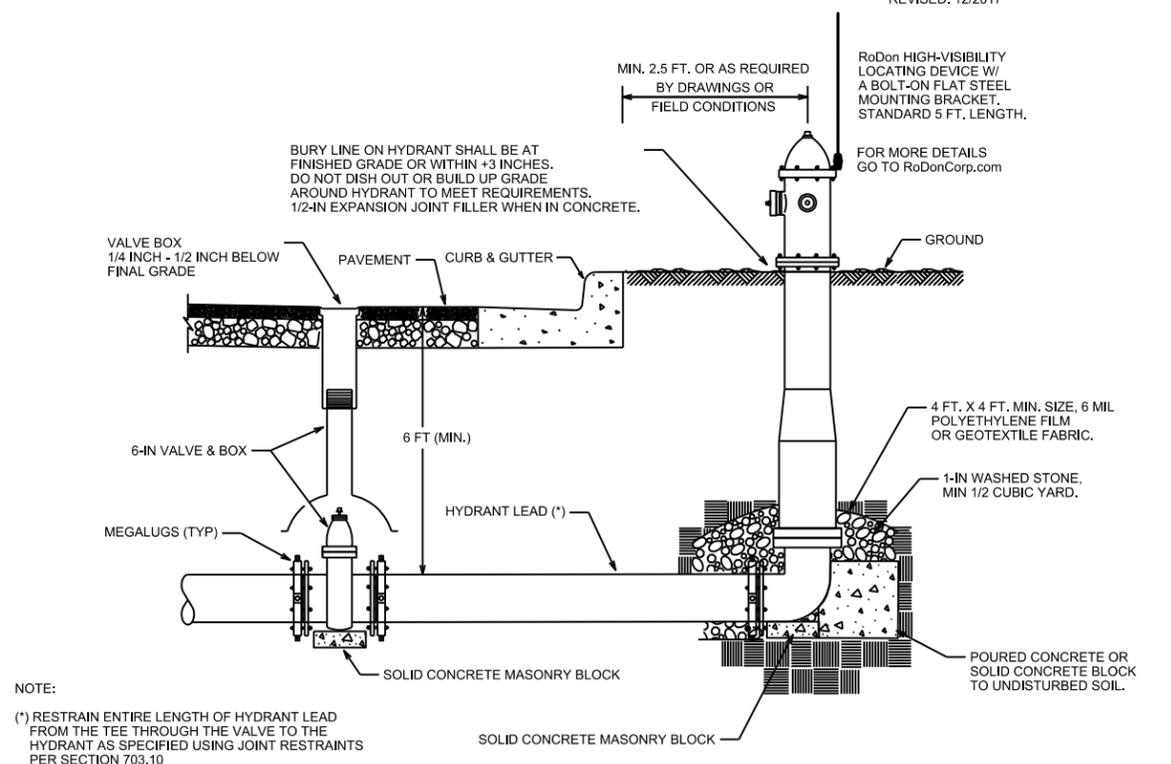
- 1- 5-IN HYDRANT
- 4 - CURB STOPS AND/OR BOXES
- 180-FT - 6-IN WATER MAIN
- 40-FT - SERVICE LATERAL

DISCLAIMER NOTE:
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PART VII - WATER MAINS AND SERVICE LATERALS

DETAIL DRAWING NO. 7.04

REVISED: 12/2017

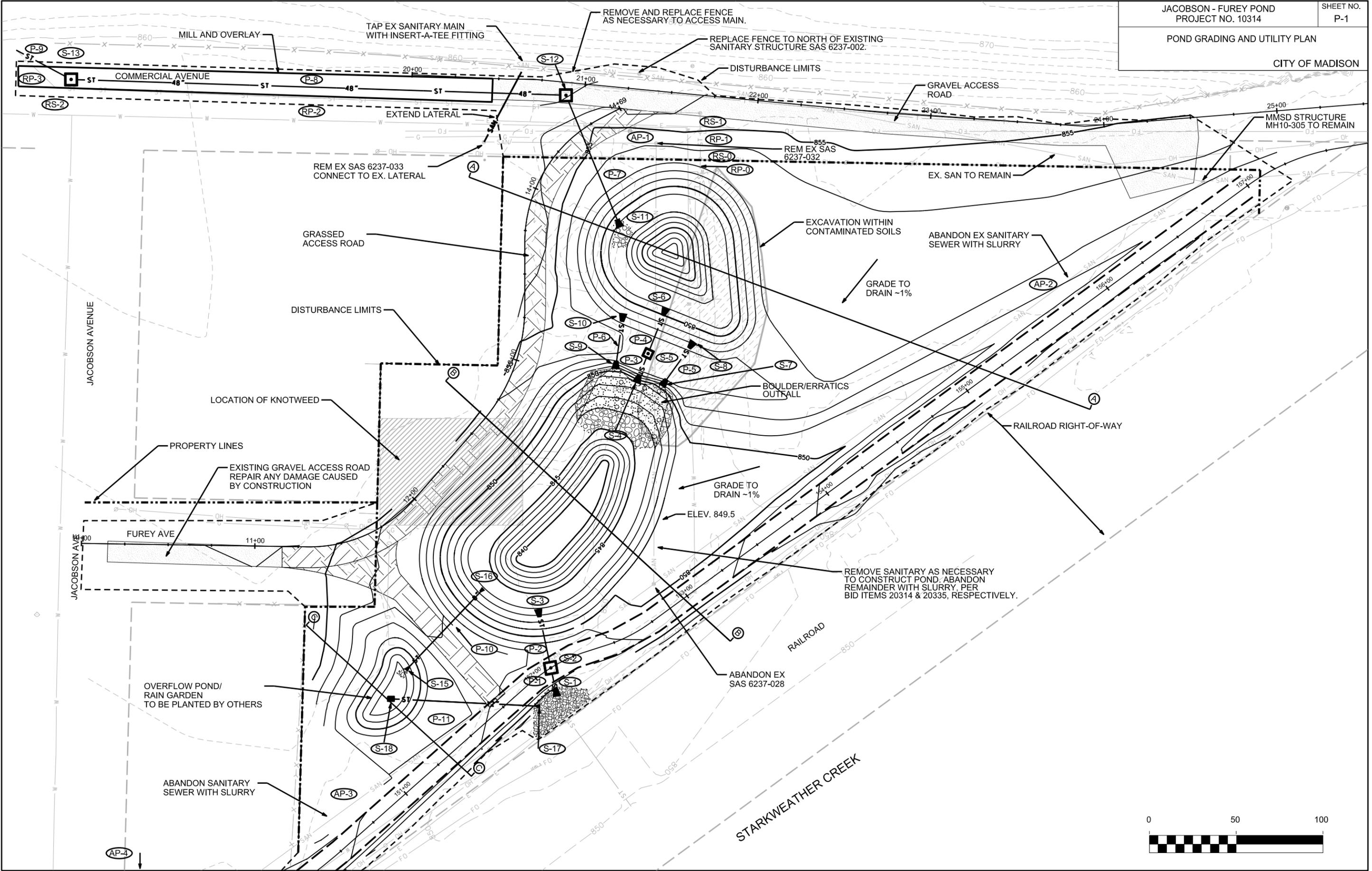


NOTE:
(*) RESTRAIN ENTIRE LENGTH OF HYDRANT LEAD FROM THE TEE THROUGH THE VALVE TO THE HYDRANT AS SPECIFIED USING JOINT RESTRAINTS PER SECTION 703.10

CITY OF MADISON
WATER UTILITY

NOT TO SCALE

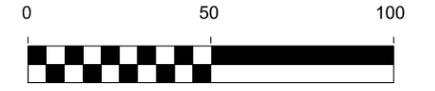
TYPICAL HYDRANT INSTALLATION

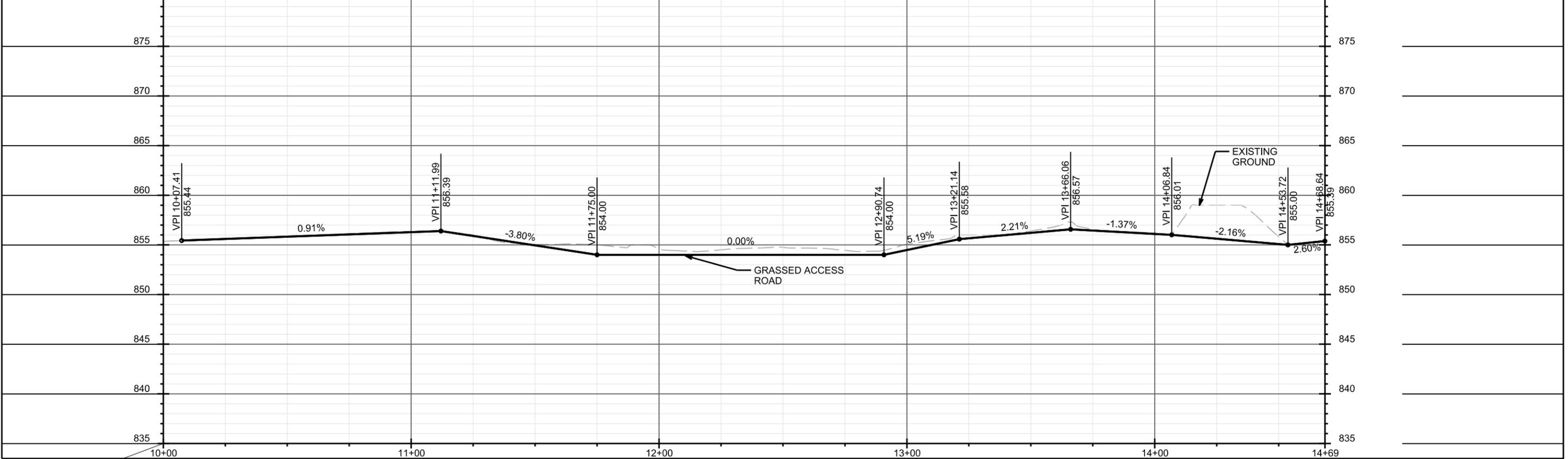
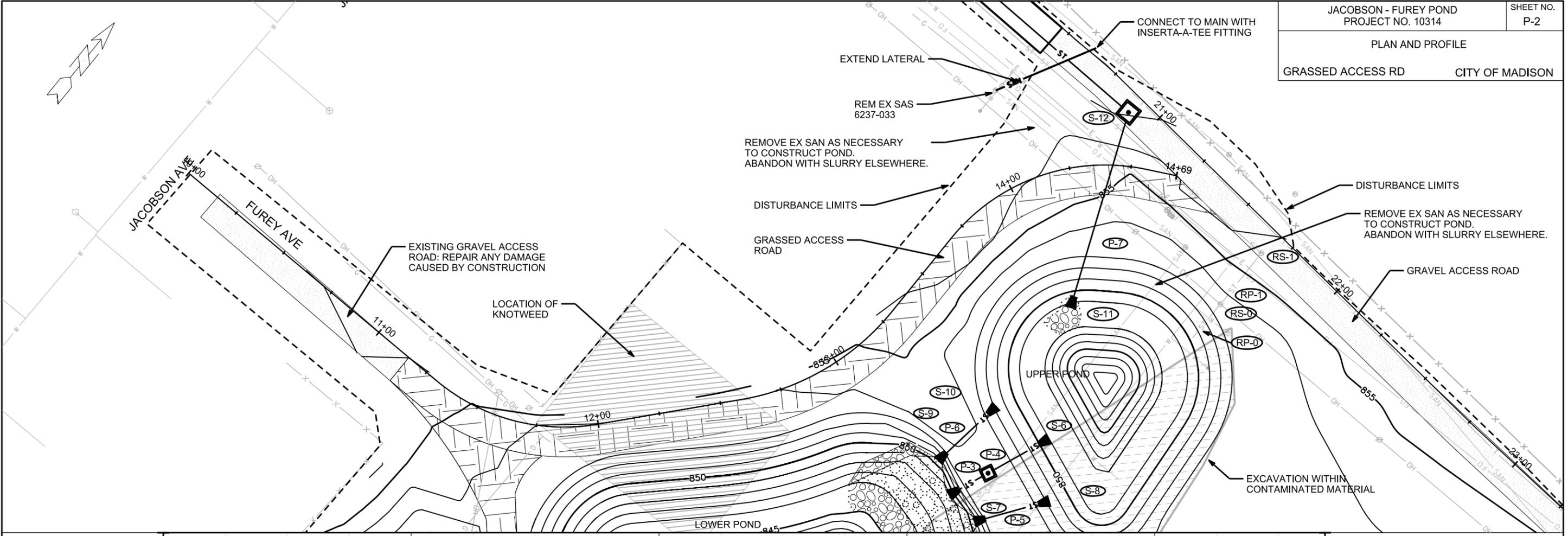


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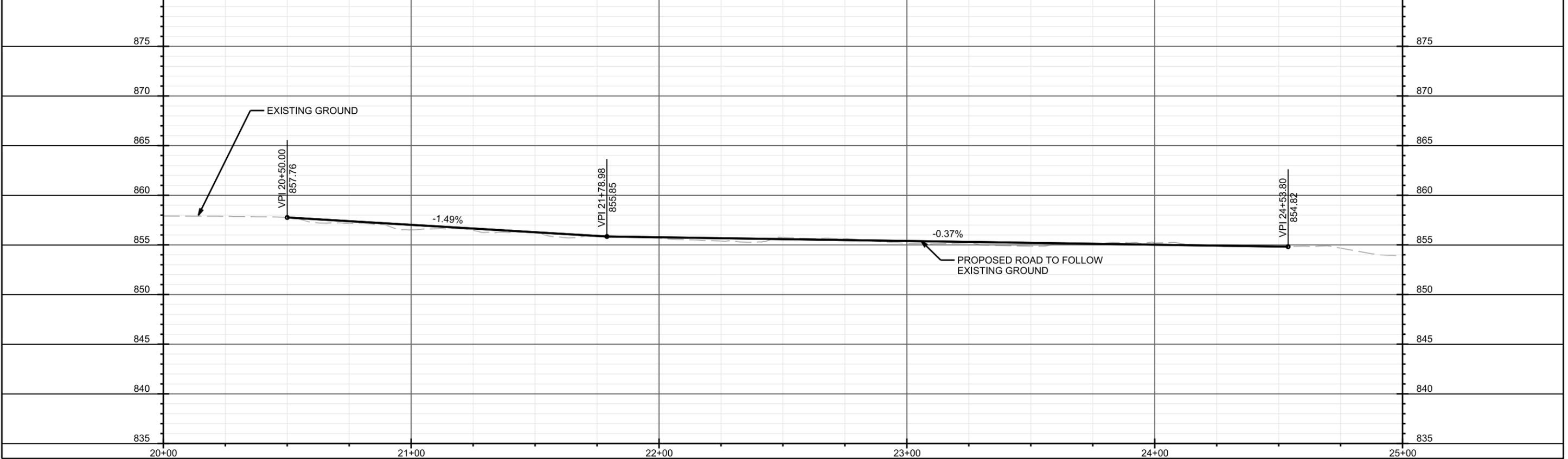
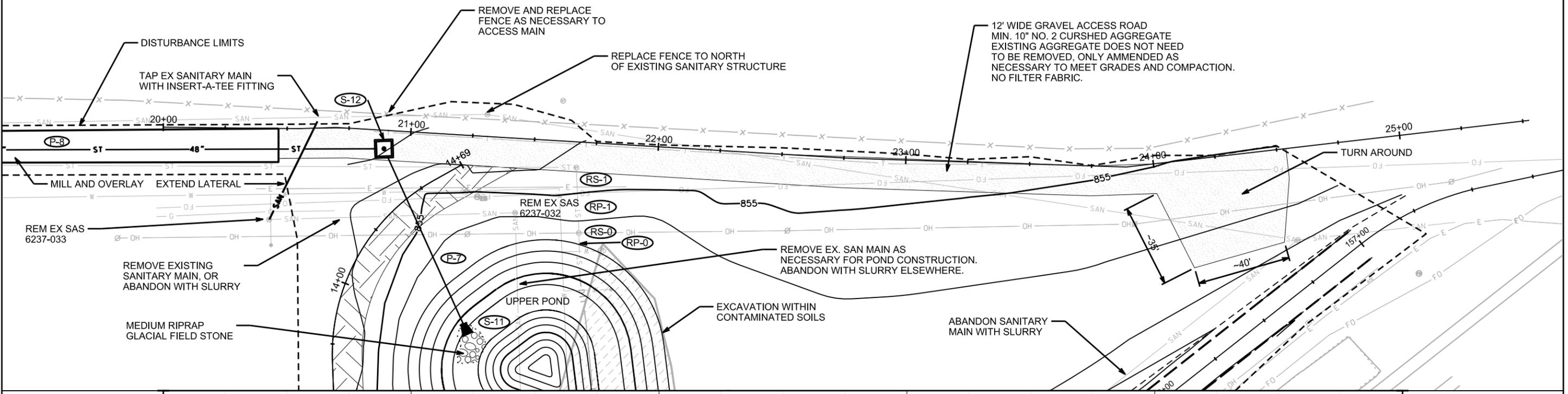


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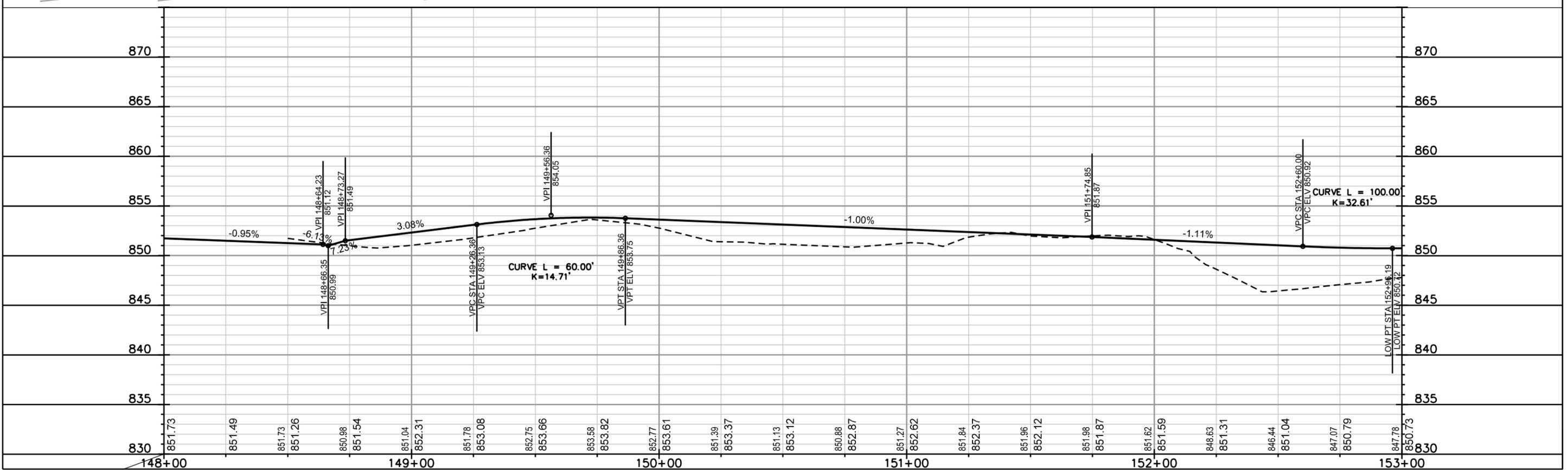
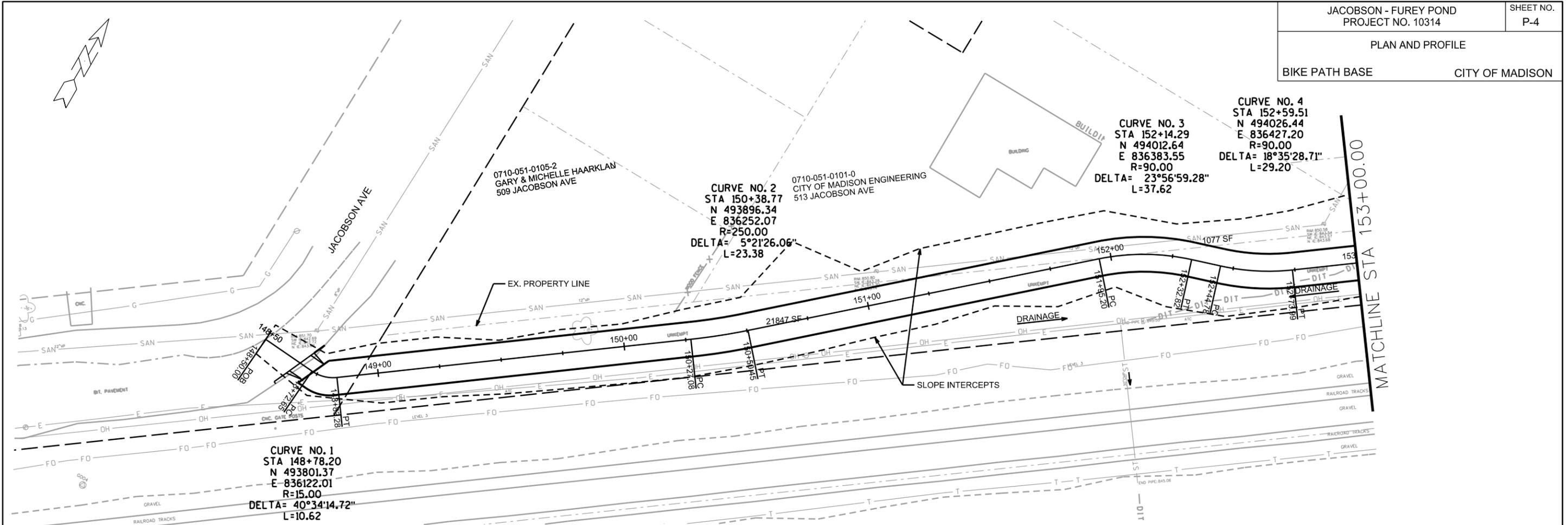
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PLAN AND PROFILE

BIKE PATH BASE

CITY OF MADISON

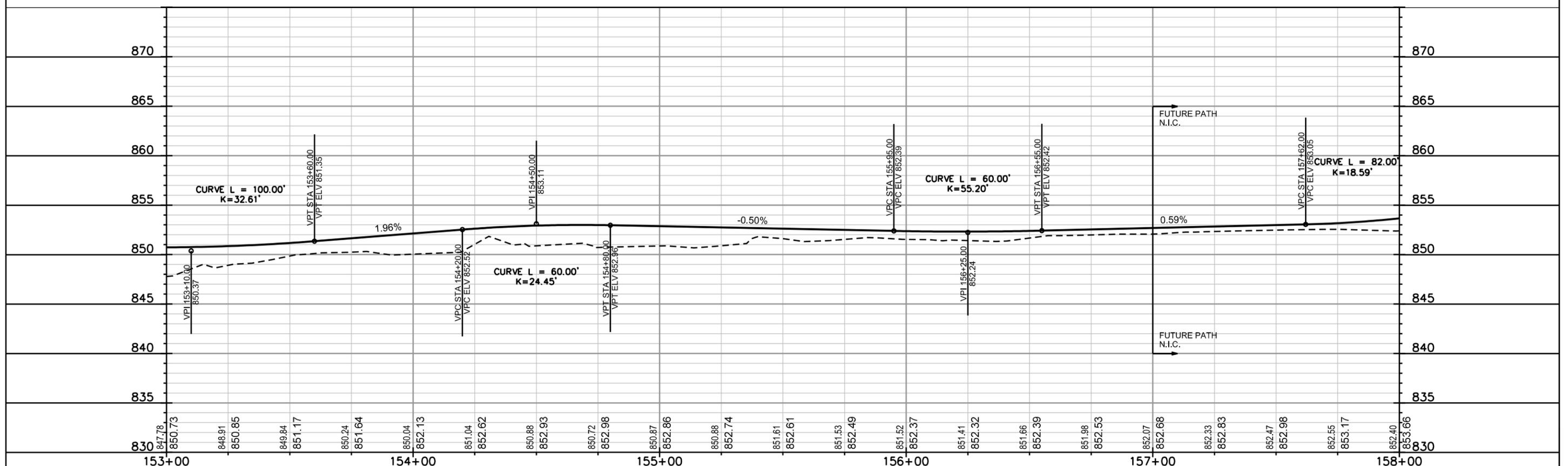
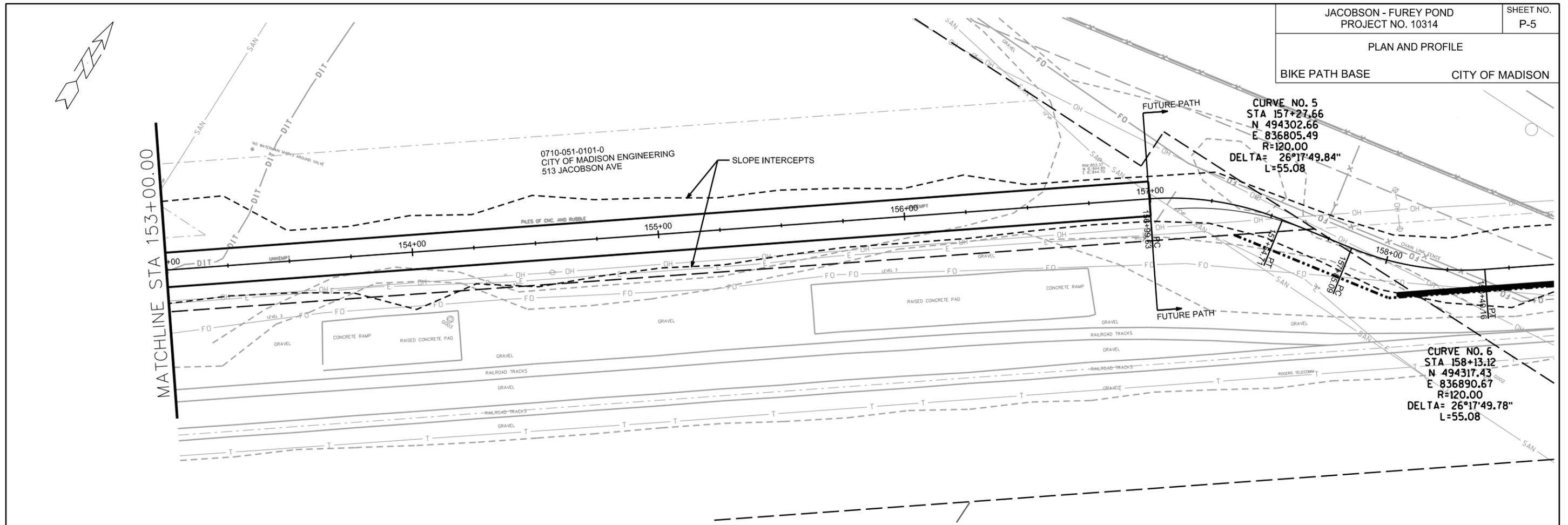


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STORM & SANITARY SCHEDULE

ALL STRUCTURES LISTED TO GRASSES ACCESS ROAD ALIGNMENT
CAN PROVIDE ALTERNATE STATIONING

PROPOSED STORM STRUCTURES

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	E.I.	DEPTH	NOTES
S-1	11+88.33	RT-138.84	48" AE	--	845.80	-	[1]
S-2	11+91.49	RT-124.18	6X7 SAS W/ WEIR	851.47	846.00	5.47	FP, W/R-1550-0054
S-3	11+99.64	RT-95.19	48" AE W/GATE	--	846.00	-	[1]
S-4	13+04.92	RT-69.98	42" AE	--	848.50	-	[1]
S-5	13+15.41	RT-73.11	6X6 SAS W/WEIR	854.00	848.50	5.50	FP, W/R-1550-0054
S-6	13+30.65	RT-81.47	42" AE W/ GATE	-	848.50	-	[1]
S-7	13+05.38	RT-84.19	29"X45" AE	--	850.45	--	[1]
S-8	13+20.93	RT-98.38	29"X45" AE W/GATE	--	850.45	--	[1]
S-9	13+07.16	RT-56.54	29"X45" AE	--	850.45	--	[1]
S-10	13+28.64	RT-56.75	29"X45" AE W/GATE	--	850.45	--	[1]
S-11	13+94.94	RT-53.61	60"X38" AE	--	847.00	--	[1]
S-12	14+46.88	LT-21.58	6X6 STORM SAS	857.05	847.00	10.05	FP, W/R-1550-0054
S-13	13+89.58	LT-274.09	6X6 STORM SAS	858.02	850.05	7.97	[2], FP, W/R-1550-0054
S-14	13+91.21	LT-309.13	STORM TAP	--	850.35	--	TAP EX SAS AS 6237-004
S-15	11+59.81	RT-80.77	PIPE CUT	--	848.00	--	[3]
S-16	11+92.92	RT-64.45	PIPE CUT	--	848.00	--	[3]
S-17	11+84.25	RT-137.14	12" AE	--	845.80	--	[1]
S-18	11+53.42	RT-93.80	H-INLET	848.75	846.00	2.75	W/R-1878-B7G

PROPOSED STORM PIPES

PIPE NO.	FROM (DNSTM)	TO (UPSTM)	DISCH. E.I.	INLET E.I.	PLAN (PAY) LGTH (FT)	PIPE LGTH (FT)	SLOPE (%)	PIPE SIZE	TYPE	NOTES
P-1	S-1	S-2	845.80	846.00	17	8.9	2.25%	48"	TYPE I	-
P-2	S-2	S-3	846.00	846.00	35	26.8	0.00%	48"	TYPE I	-
P-3	S-4	S-5	848.50	848.50	18	11.2	0.00%	42"	TYPE I	-
P-4	S-5	S-6	848.50	848.50	28	21.3	0.00%	42"	TYPE I	-
P-5	S-7	S-8	850.45	850.45	32	21.7	0.00%	29"X45"	TYPE I	-
P-6	S-9	S-10	850.45	850.45	32	21.7	0.00%	29"X45"	TYPE I	-
P-7	S-11	S-12	847.00	847.00	82	73.9	0.00%	60"X38"	TYPE I	-
P-8	S-12	S-13	847.68	850.05	285	279.4	0.85%	48"	TYPE I	-
P-9	S-13	AS 6237-004	850.05	850.35	36	32.4	0.93%	48"	TYPE I	-
P-10	S-15	S-16	848.00	848.00	65	65	0.00%	8"	TYPE II	-
P-11	S-17	S-18	845.80	846.00	86	81.5	0.25%	12"	TYPE I	-

REMOVE STORM STRUCTURES

STRUC. NO.	ID NO.	STATION	LOCATION (OFFSET)	TYPE	NOTES
RS-0	AS 6237-013	21+70.09	RT 36.49	SAS	STATION & LOCATION ON GRAVEL ALGN.
RS-1	AS 6237-011	21+67.47	RT-10.32	SAS	STATION & LOCATION ON GRAVEL ALGN.
RS-2	AS 6237-010	13+89.58	RT-274.09	SAS	-

REMOVE STORM PIPES

REMOVE NO.	REMOVE FROM	REMOVE TO	LGTH (FT)	PIPE SIZE	PIPE TYPE	PAID (Y/N)	NOTES
RS-0	EX OUTFALL	RS-0	17	12"	CMP	Y	-
RP-1	RS-0	RS-1	26	12"	CMP	Y	-
RP-2	RS-1	RS-2	371	12"	RCP	Y	-
RP-3	RS-2	AS 6237-004	35	12"	RCP	Y	-

SANITARY STRUCTURE REMOVALS

STRUCTURE ID NO.	STATION	LOCATION (OFFSET)	TOP OF CASTING	E.I.	DEPTH	NOTES
SAS #6237-033	101+23.25	LT-28.35	1013.31	1002.86	10.45	STATION AND LOCATION ON BIKE PATH AL.
SAS #6237-032	103+52.25	LT-27.75	1009.27	1001.07	8.20	STATION AND LOCATION ON BIKE PATH AL.

SANITARY PIPE REMOVALS

REMOVE FROM	REMOVE TO	LGTH (FT)	PIPE TYPE	PIPE SIZE	PAID (Y/N)	NOTES
SAS #6237-032	SAS #6237-028	253	CP	8"	Y	REMOVE AS NECESSARY TO INSTALL POND; ABANDON REMAINDER

SANITARY STRUCTURE ABANDONMENTS

STRUCTURE ID NO.	STATION	LOCATION (OFFSET)	TOP OF CASTING	E.I.	DEPTH	NOTES
SAS #6237-028	101+23.25	LT-28.35	1013.31	1002.86	10.45	STATION AND LOCATION ON BIKE PATH AL.
SAS #6237-027	103+52.25	LT-27.75	1009.27	1001.07	8.20	STATION AND LOCATION ON BIKE PATH AL.

ABANDON SANITARY PIPES

ABAN NO.	ABAN FROM	ABAN TO	LGTH (FT)	PIPE SIZE	PIPE TYPE	NOTES
AP-1	SAS# 6237-033	SAS# 6237-032	105	8"	CP	ABANDON W/ SLURRY, 2 PLUGS PAID FOR
AP-2	MSD MH10-305	SAS# 6237-028	394.0	12"	VP	ABANDON W/ SLURRY, 2 PLUGS PAID FOR
AP-3	SAS# 6237-028	SAS# 6237-027	187.0	12"	CP	ABANDON W/ SLURRY, 2 PLUGS PAID FOR
AP-4	SAS# 6237-027	SAS# 6237-026	225	12"	CP	ABANDON W/ SLURRY, 2 PLUGS PAID FOR

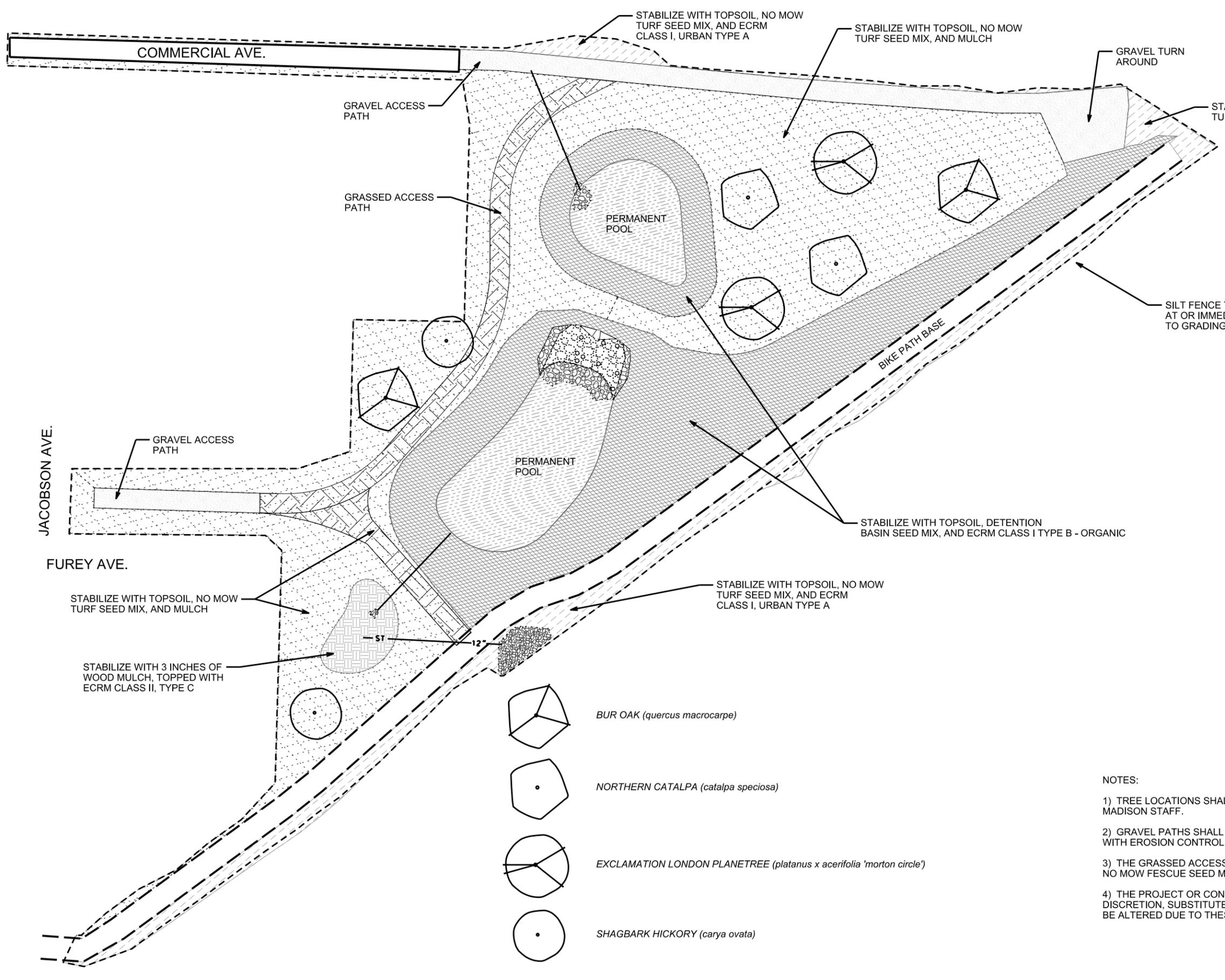
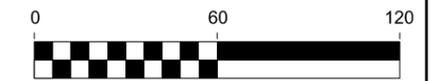
NOTE: PLAN LENGTH (PAY LENGTH) IS FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE. PIPE LENGTH IS ACTUAL LENGTH OF PIPE FROM STRUCTURE WALL TO STRUCTURE WALL. SLOPE CALCULATED USING PIPE LENGTH.

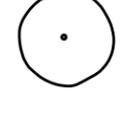
SPECIFIC NOTES

- [1] STATION, OFFSET, & ELEVATION TO DOWNSTREAM EDGE, CENTER OF APRON
- [2] TOP OF CASTING TO MATCH MILL AND OVERLAY GRADE
- [3] CUT PIPE TO MATCH RAIN GARDEN SLOPE.

STANDARD NOTES:

- ABBREVIATIONS: AE = APRON ENDWALL; RCP = REINFORCED CONCRETE PIPE; HERCP = HORIZONTAL ELLIPTICAL REINFORCED CONCRETE PIPE; DNA = DOES NOT APPLY; SAS = SEWER ACCESS STRUCTURE; LP = LOW POINT INLET STRUCTURE; FP = FIELD POURED STRUCTURE; TR = TOP OF CONCRETE ROOF; NCM = NO CROWN MATCH FOR PIPES; UD = UNDERDRAIN
- APPROXIMATE DISCHARGE E.I. GIVEN, ADJUST E.I. AND PIPE SLOPE IN THE FIELD.
- TOP OF CASTING GRADE GIVEN IS THE TOP OF CURB FOR INLET STRUCTURES AND THE FLOWLINE OF THE CLOSED CASTING FOR SAS's.
- TOP OF CONCRETE ROOF (TR) IS 1.25' BELOW TOP OF CASTING UNLESS OTHERWISE NOTED.
- ALL REINFORCED CONCRETE PIPES TO BE CLASS III UNLESS OTHERWISE NOTED.
- SURVEYOR TO CONFIRM THAT ALL INLET STATION / OFFSETS LINE UP WITH PROPOSED CURB AND GUTTER.
- ALL STRUCTURES CALLED OUT AS FIELD POURED SHALL BE FIELD POURED. ALL OTHER STRUCTURES (NOT INDICATED AS FIELD POURED) SHALL BE SUBMITTED TO CITY ENGINEERING FOR APPROVAL IF PRECAST STRUCTURES ARE PREFERRED. CONTACT SALLY SWENSON OF CITY ENGINEERING AT (608) 266-4862 FOR PRECAST APPROVALS, FAX SHOP DRAWINGS TO (608)264-9275, OR EMAIL SHOP DRAWINGS TO SSWENSON@CITYOFMADISON.COM.



-  BUR OAK (*quercus macrocarpe*)
-  NORTHERN CATALPA (*catalpa speciosa*)
-  EXCLAMATION LONDON PLANETREE (*platanus x acerifolia 'morton circle'*)
-  SHAGBARK HICKORY (*carya ovata*)

NOTES:

- 1) TREE LOCATIONS SHALL BE MARKED IN THE FIELD BY CITY OF MADISON STAFF.
- 2) GRAVEL PATHS SHALL NOT BE TOPSOILED, SEEDED OR STABILIZED WITH EROSION CONTROL MATTING.
- 3) THE GRASSED ACCESS PATH SHALL BE STABILIZED WITH TOPSOIL, NO MOW FESCUE SEED MIX, AND MULCH.
- 4) THE PROJECT OR CONSTRUCTION ENGINEER MAY, AT THEIR DISCRETION, SUBSTITUTE MATTING TYPES. UNIT PRICE SHALL NOT BE ALTERED DUE TO THESE SUBSTITUTIONS.

PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

CROSS SECTIONS

GRASSED ACCESS & POND

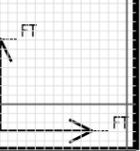
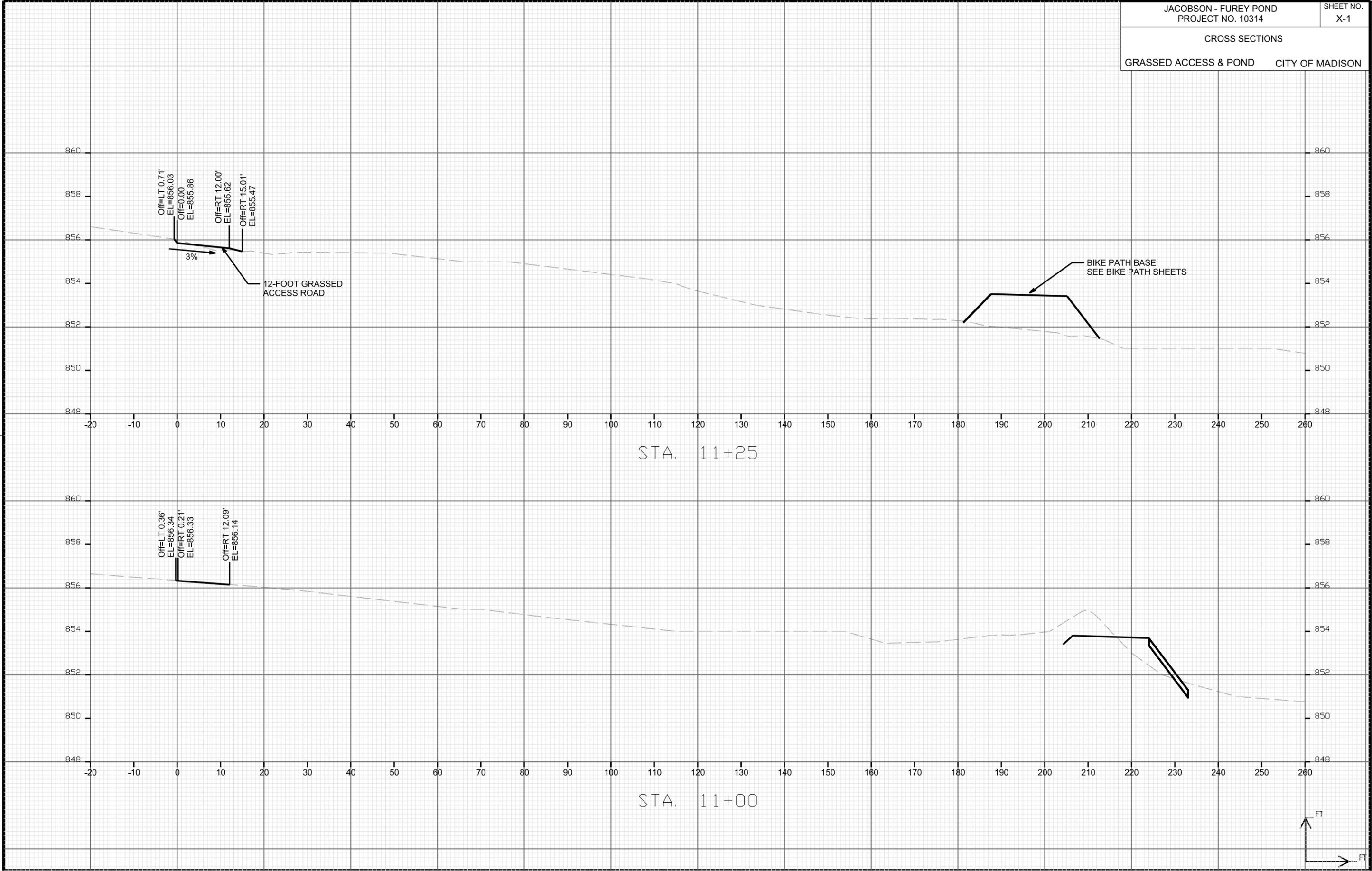
CITY OF MADISON

PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



CROSS SECTIONS

GRASSED ACCESS & POND

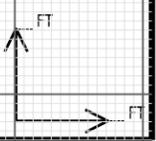
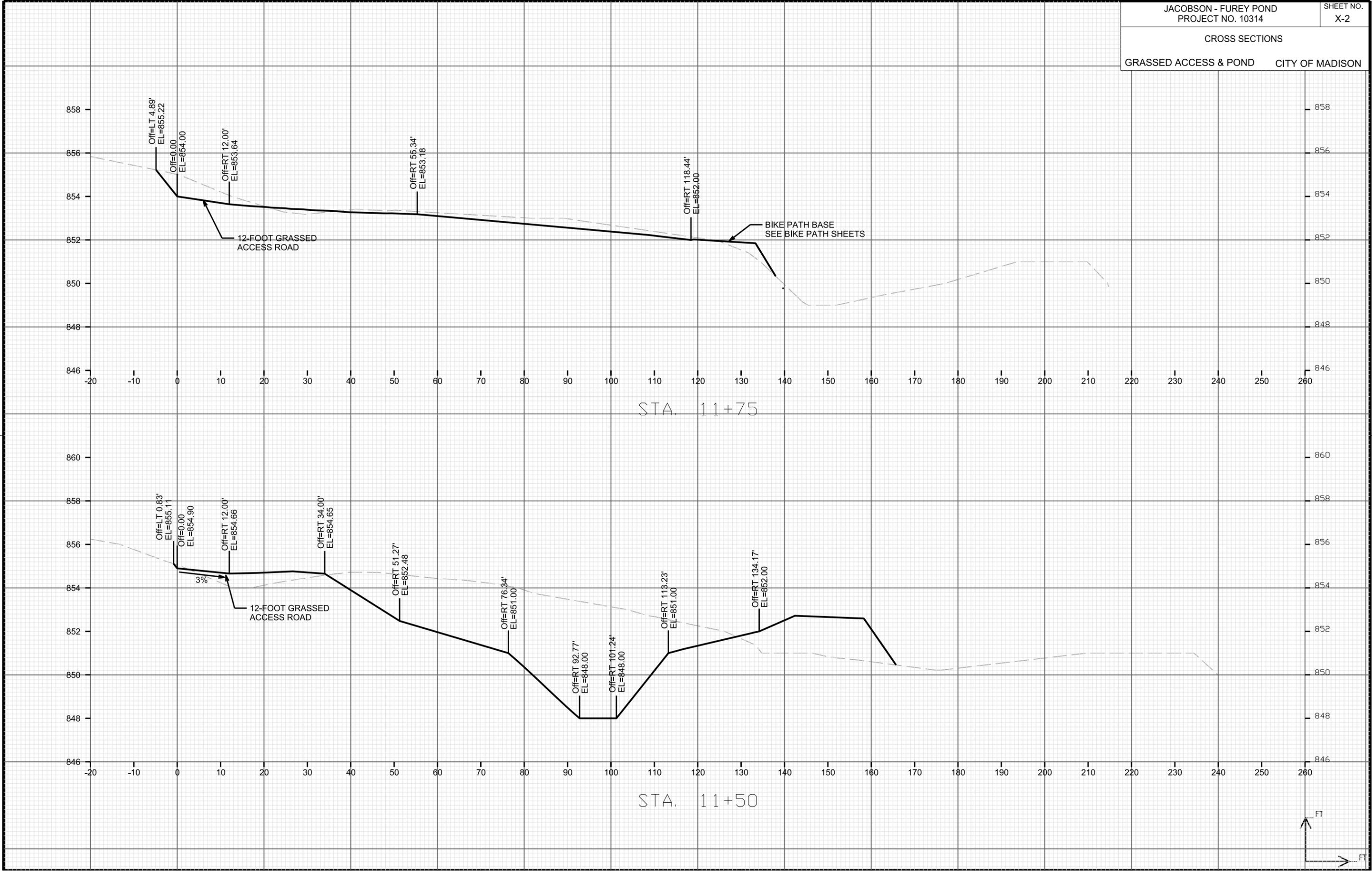
CITY OF MADISON

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ORIGINATOR: CITY OF MADISON, STREETS DIVISION



CROSS SECTIONS

GRASSED ACCESS & POND

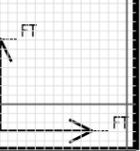
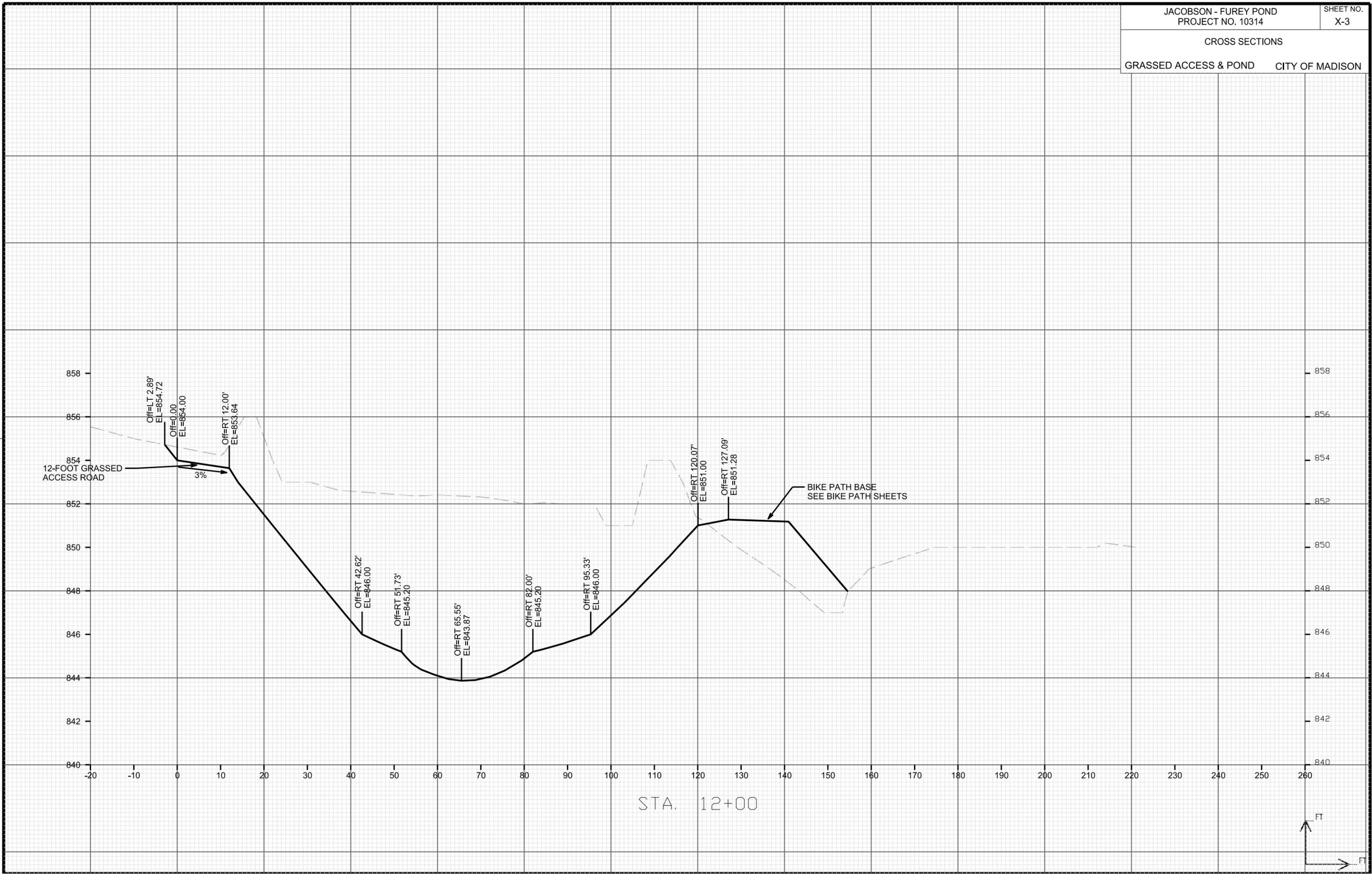
CITY OF MADISON

PLOT SCALE: _____

PLOT NAME: _____

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ORIGINATOR: CITY OF MADISON, STREETS DIVISION



CROSS SECTIONS

GRASSED ACCESS & POND

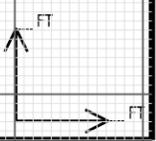
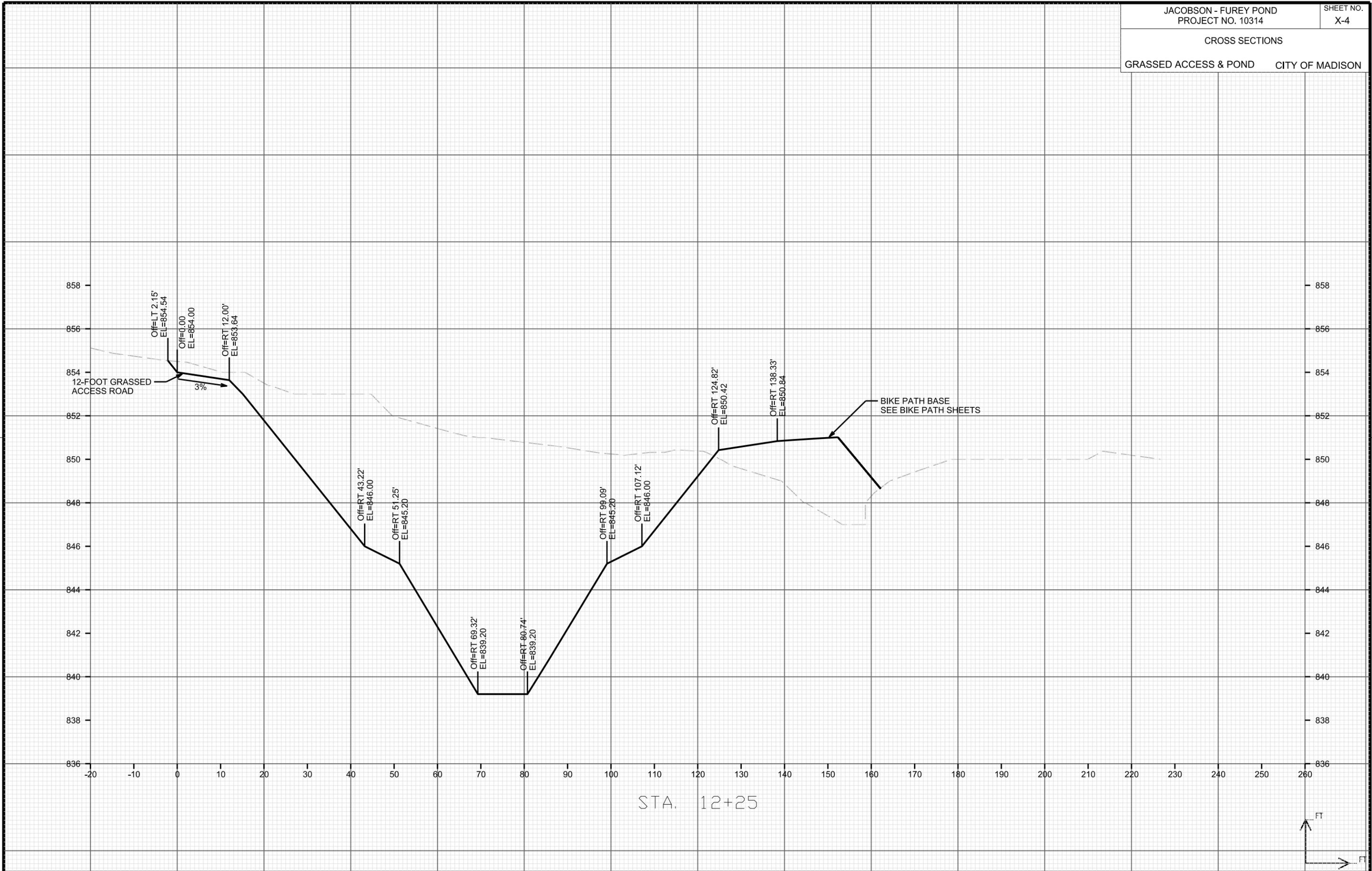
CITY OF MADISON

PLOT SCALE: _____

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CROSS SECTIONS

GRASSED ACCESS & POND

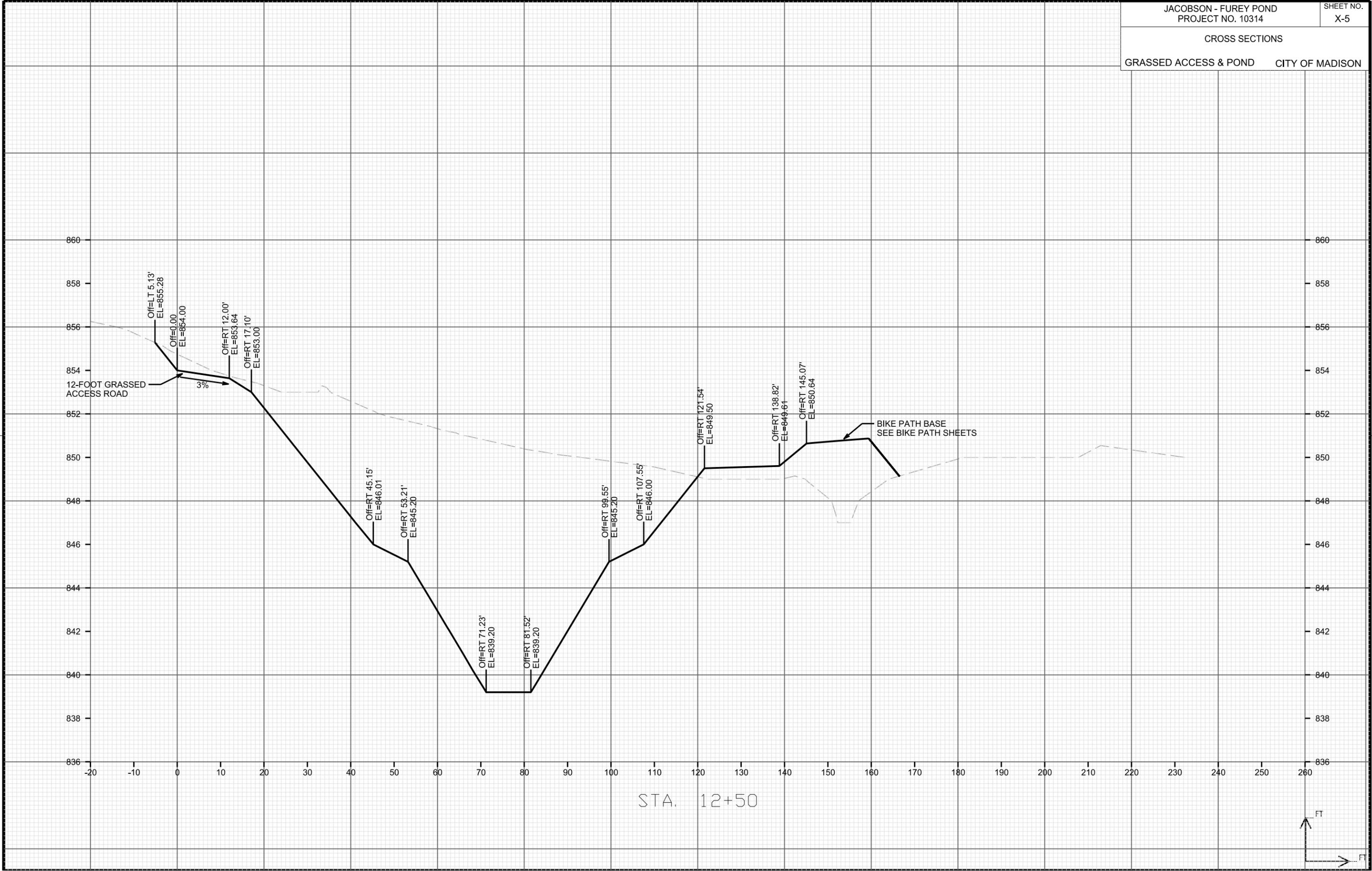
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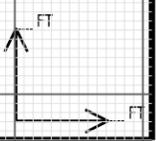
PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



STA. 12+50



CROSS SECTIONS

GRASSED ACCESS & POND

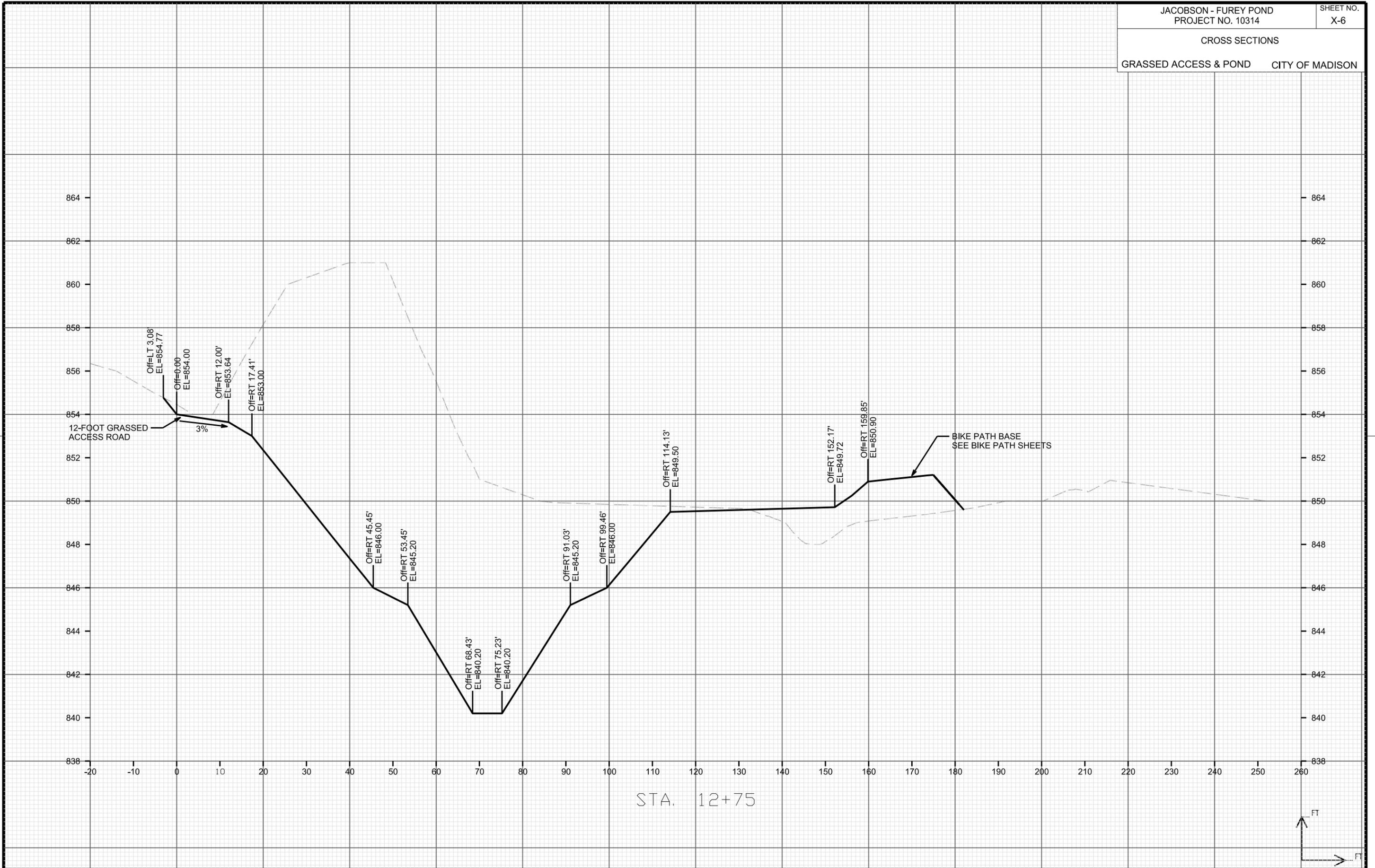
CITY OF MADISON

PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



CROSS SECTIONS

GRASSED ACCESS & POND

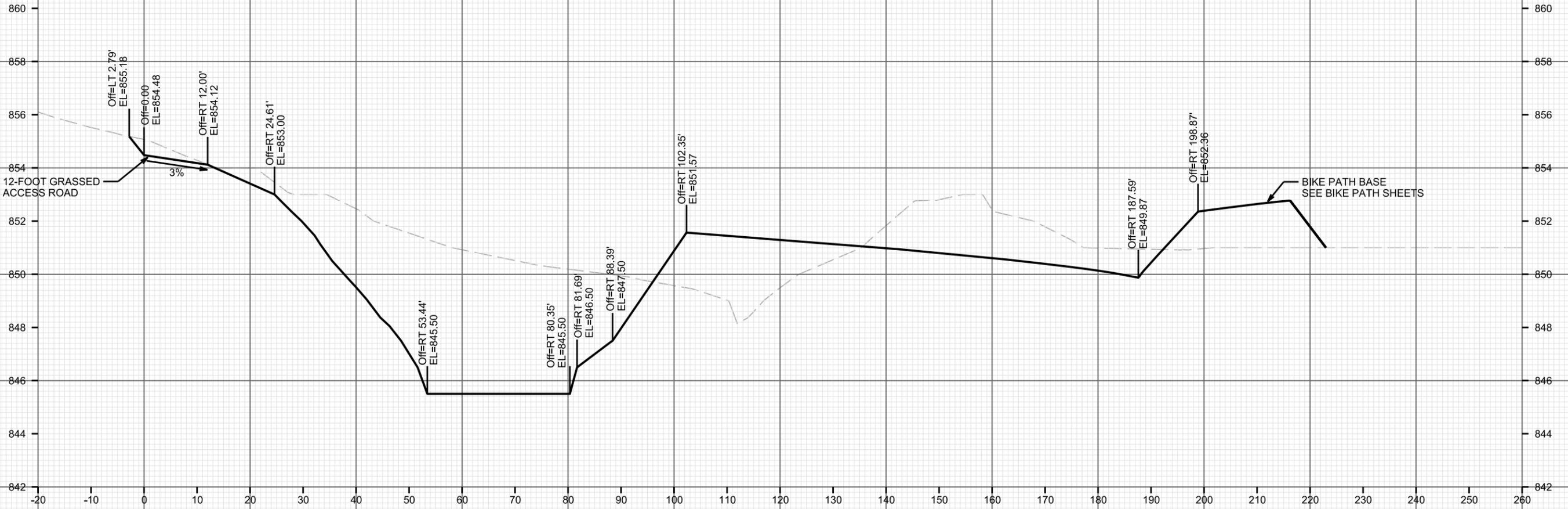
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PLOT SCALE: _____

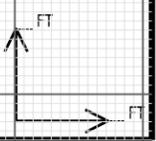
PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



STA. 13+00



CROSS SECTIONS

GRASSED ACCESS & POND

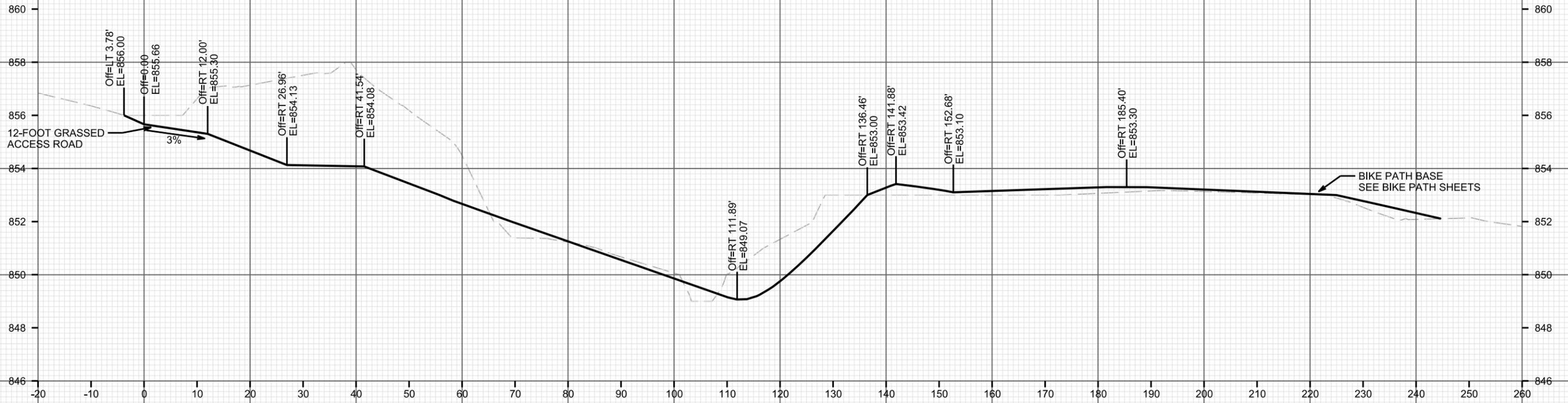
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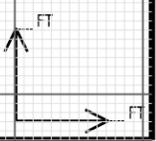
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ORIGINATOR: CITY OF MADISON, STREETS DIVISION



STA. 13+25



CROSS SECTIONS

GRASSED ACCESS & POND

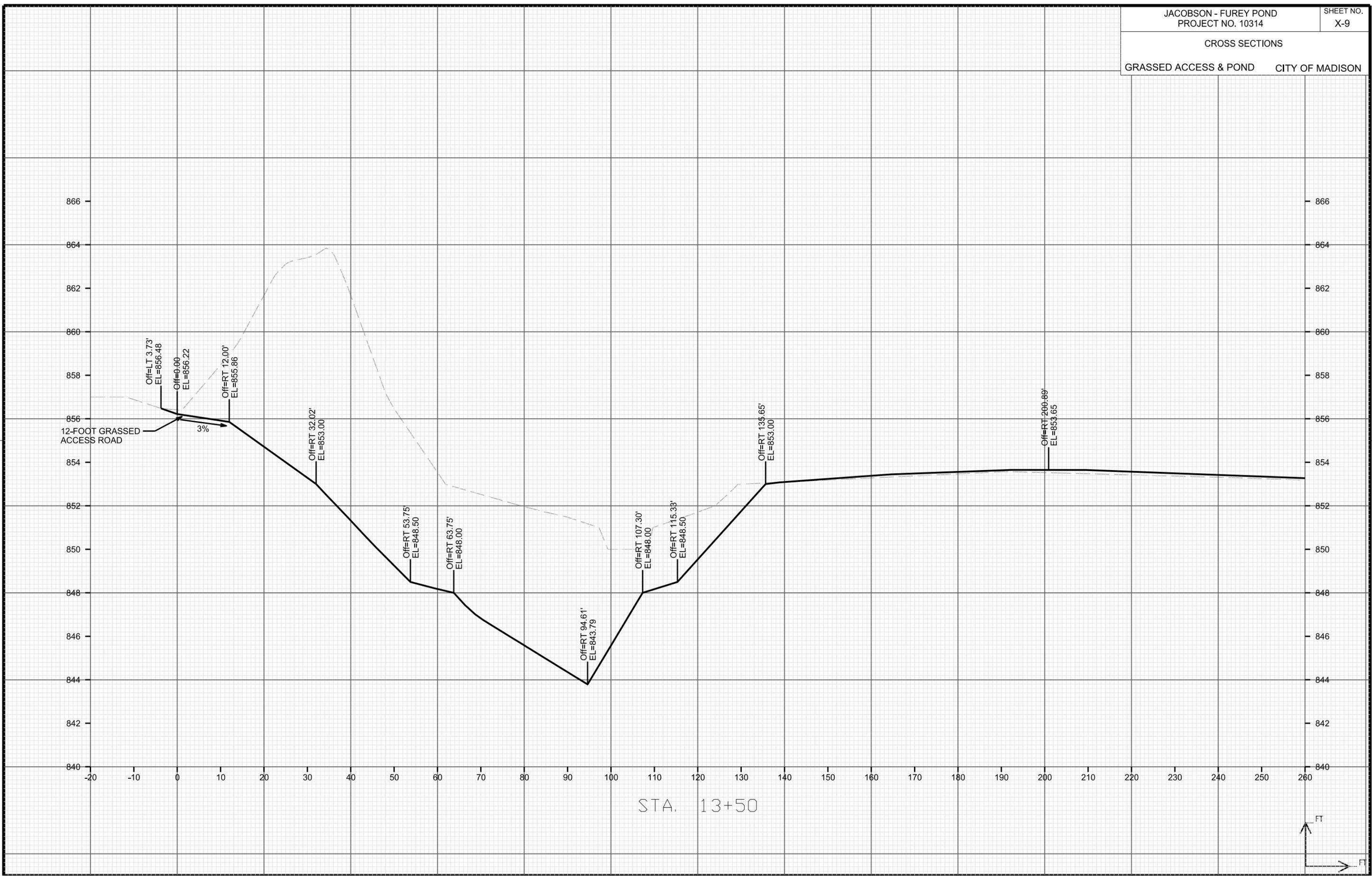
CITY OF MADISON

PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



CROSS SECTIONS

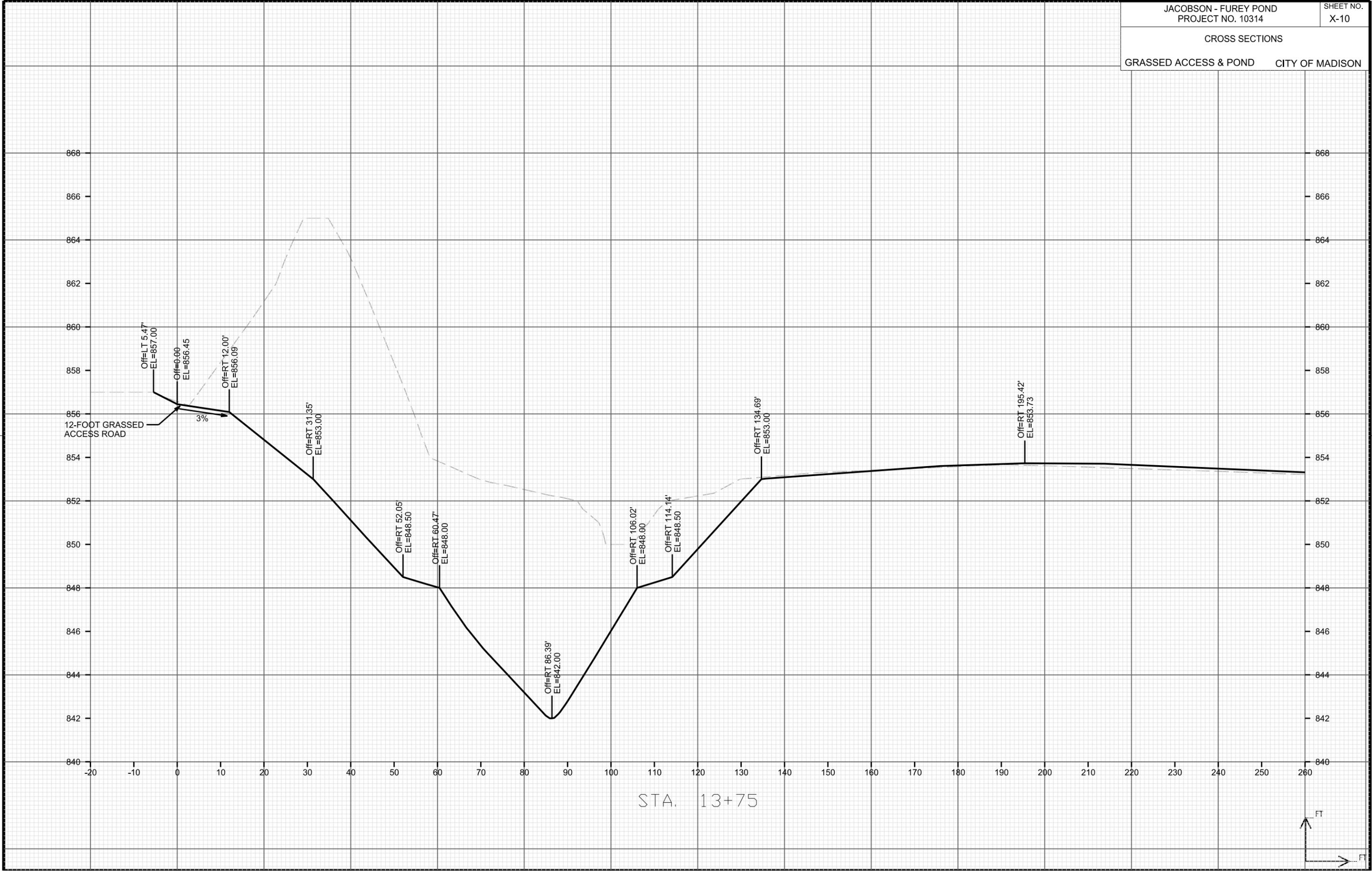
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CITY OF MADISON

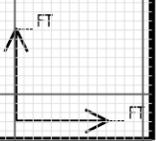
PLOT SCALE: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



STA. 13+75



CROSS SECTIONS

GRASSED ACCESS & POND

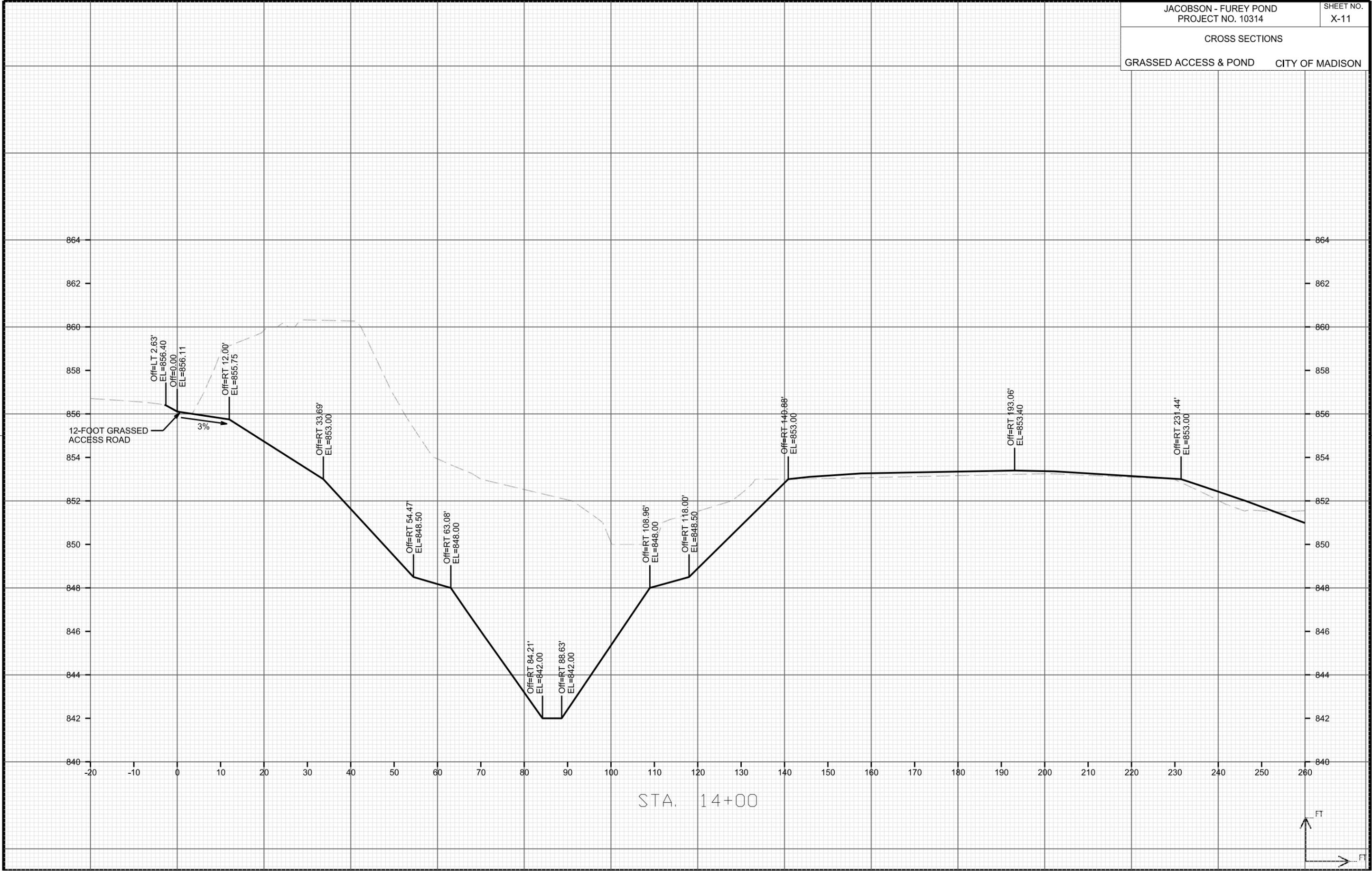
CITY OF MADISON

PLOT SCALE: _____

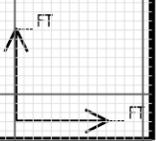
PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



STA. 14+00



CROSS SECTIONS

GRASSED ACCESS & POND

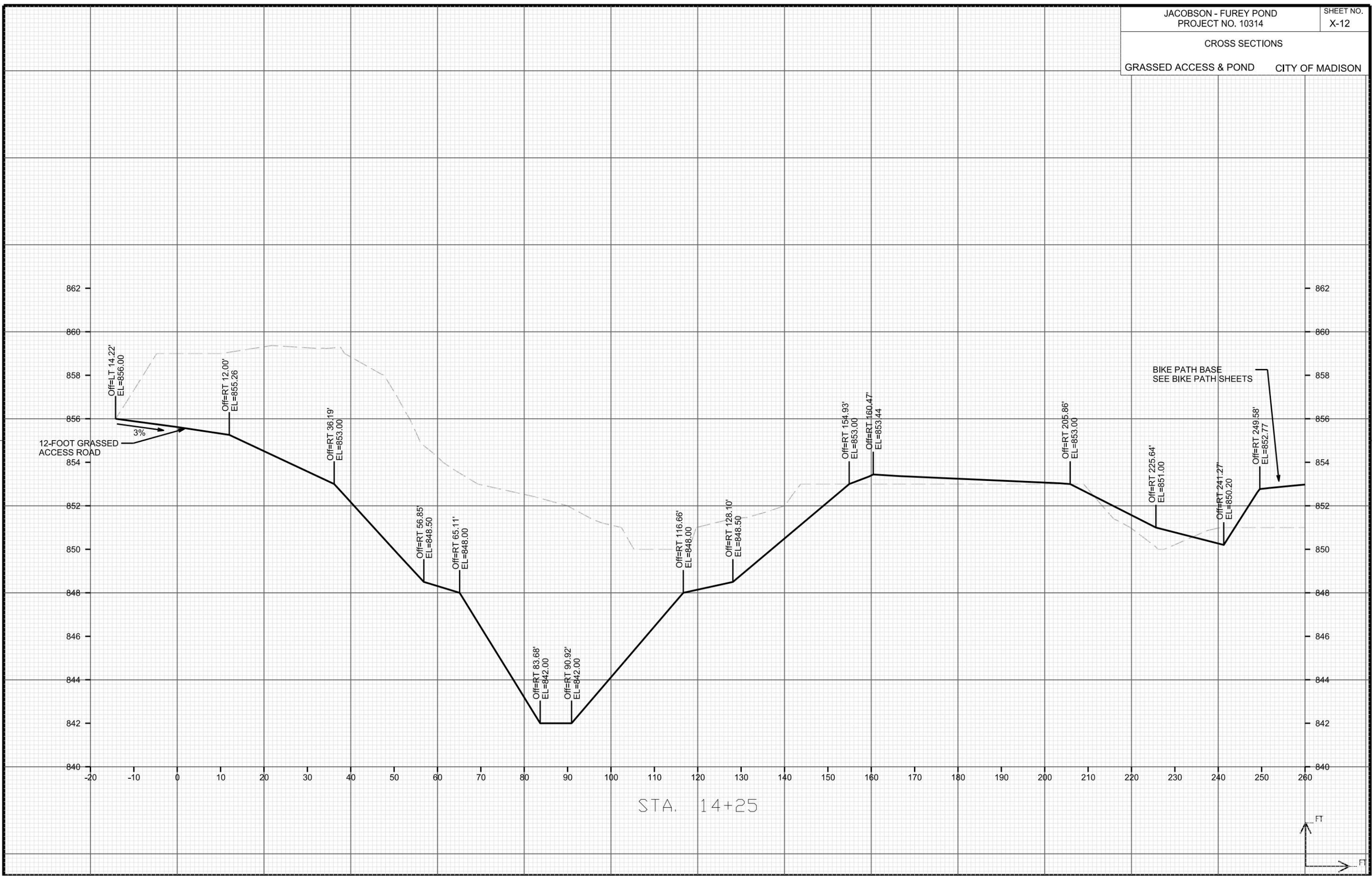
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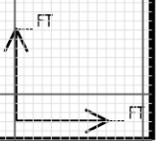
PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



STA. 14+25



CROSS SECTIONS

GRASSED ACCESS & POND

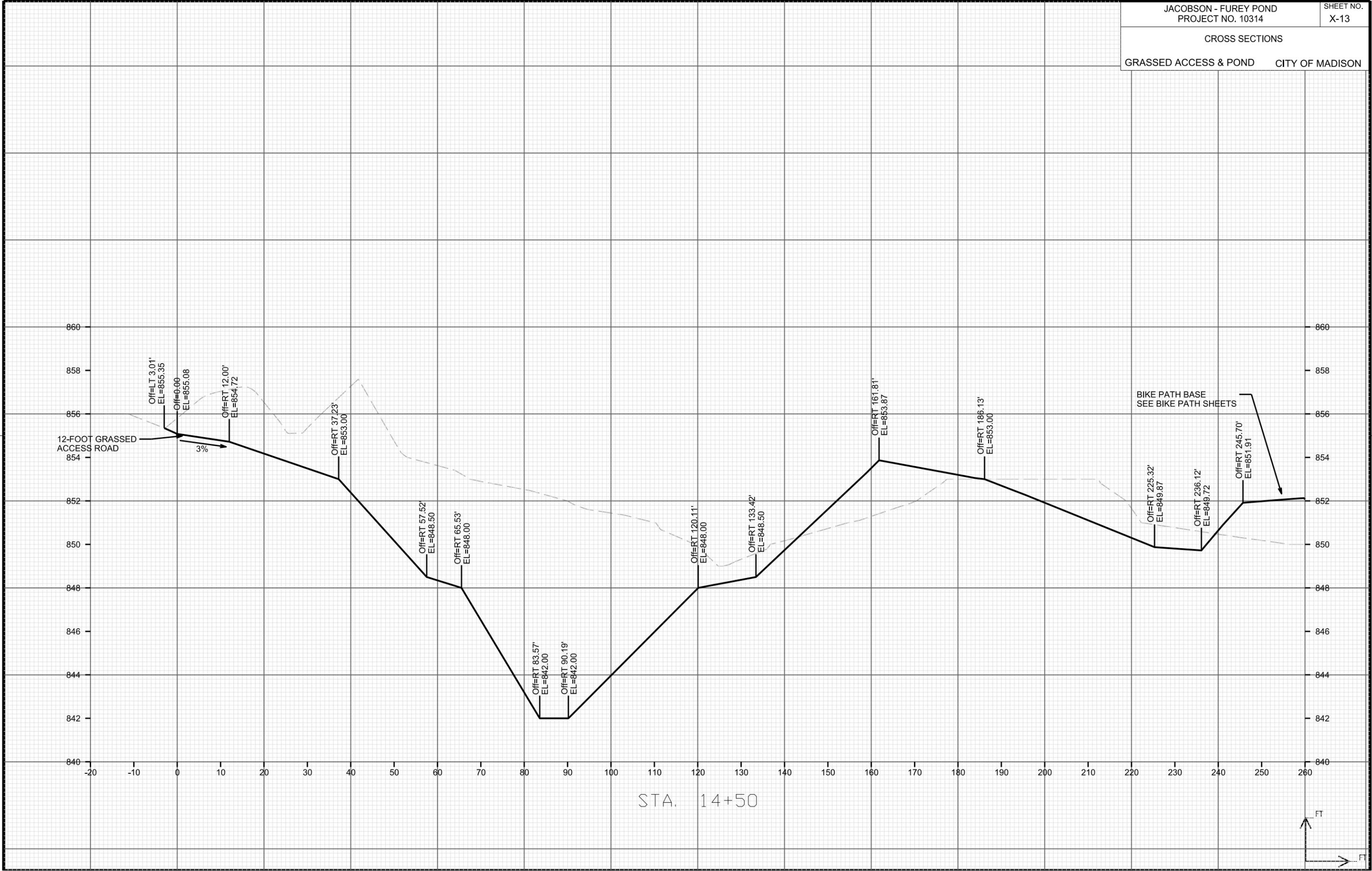
CITY OF MADISON

PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



CROSS SECTIONS

GRASSED ACCESS & POND

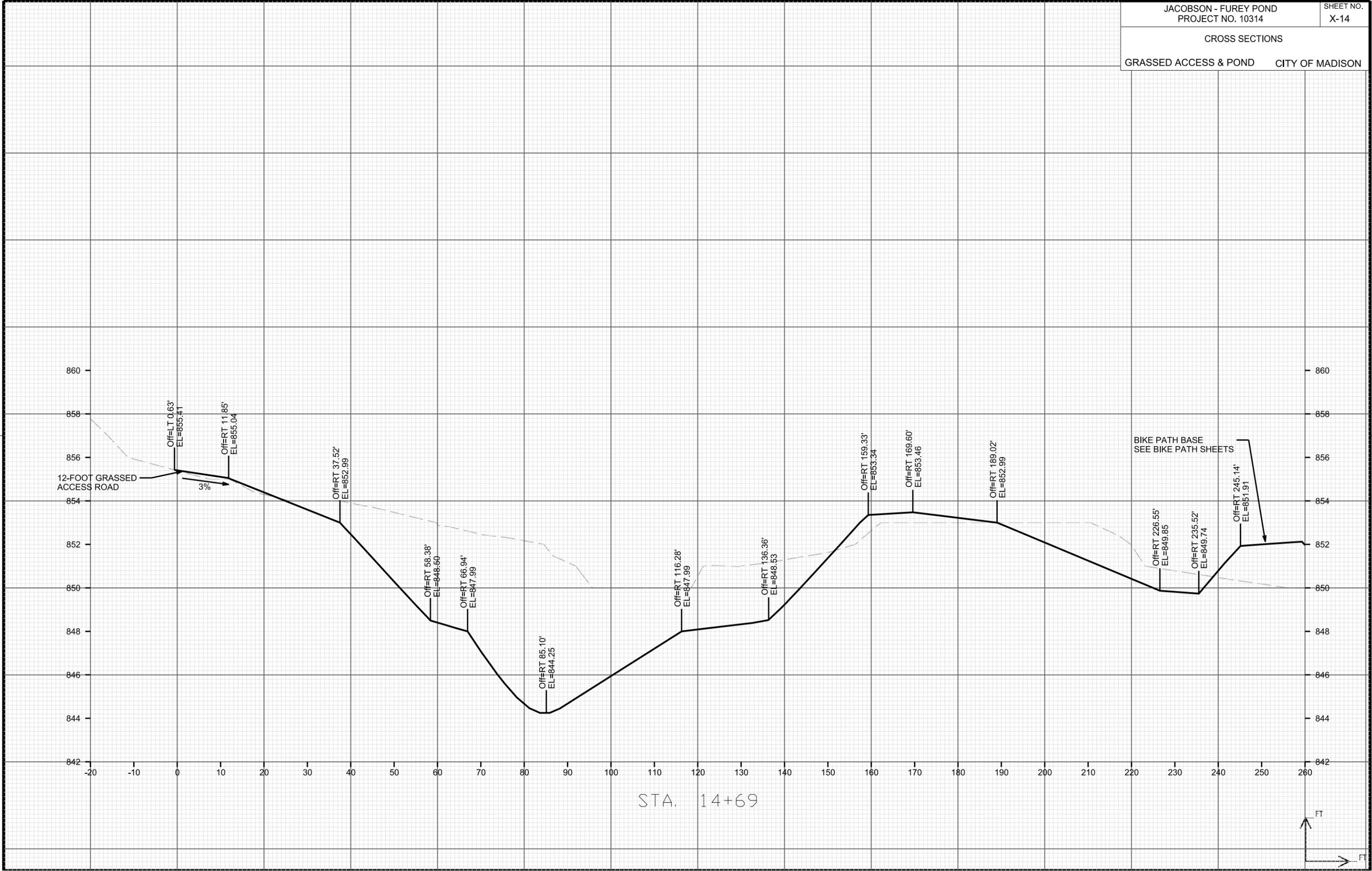
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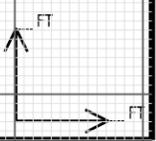
PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



STA. 14+69



CROSS SECTIONS

GRAVEL ACCESS

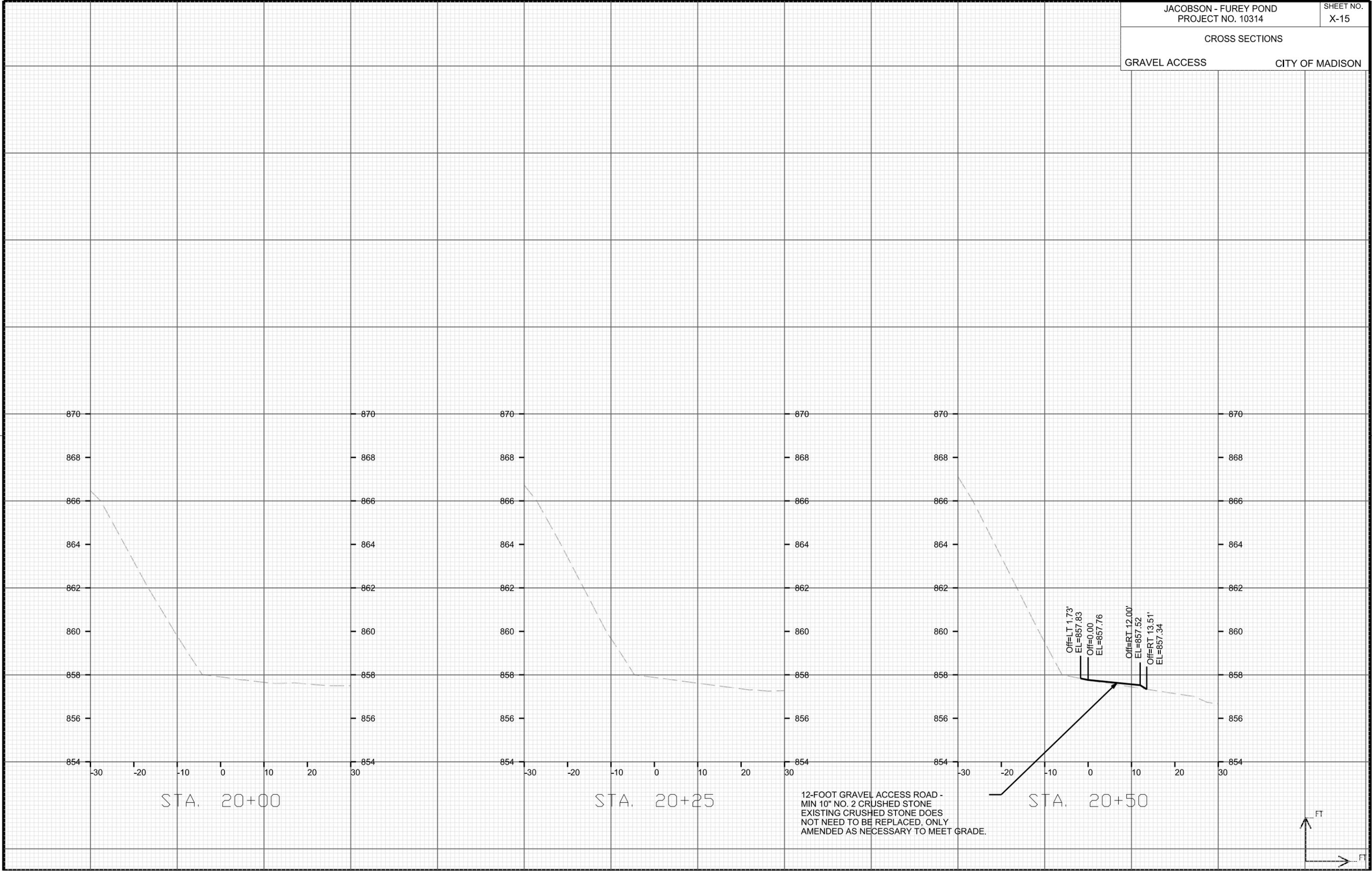
CITY OF MADISON

PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



CROSS SECTIONS

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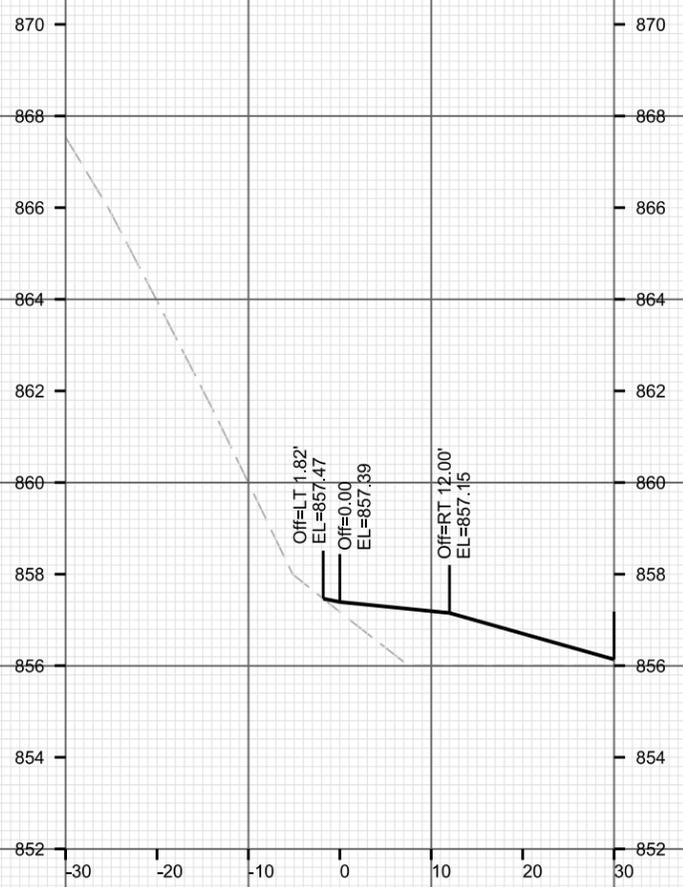
CITY OF MADISON

PLOT SCALE: _____

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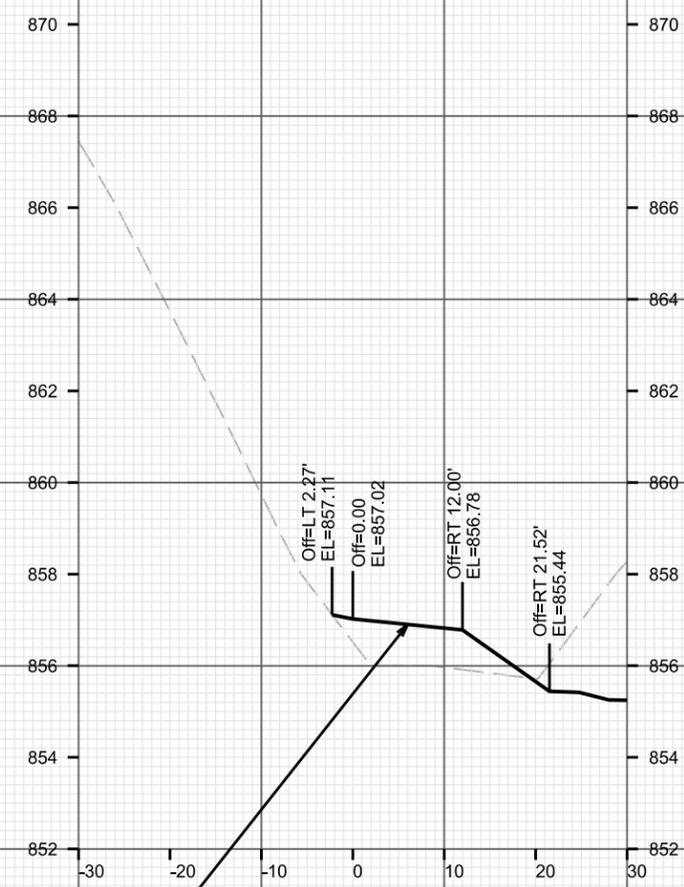
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ORIGINATOR: CITY OF MADISON, STREETS DIVISION

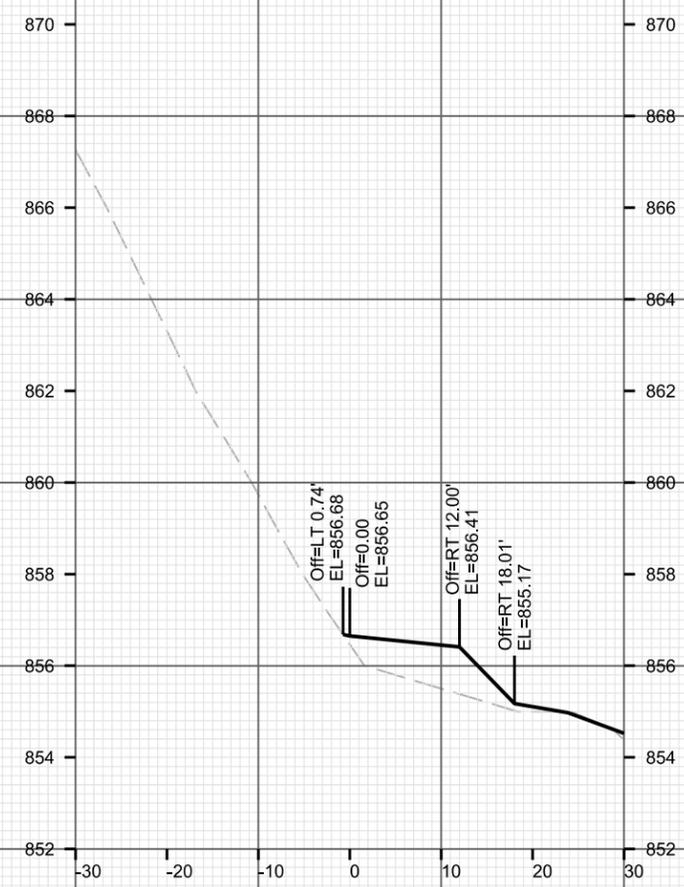


STA. 20+75

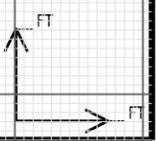
12-FOOT GRAVEL ACCESS ROAD -
MIN 10" NO. 2 CRUSHED STONE
EXISTING CRUSHED STONE DOES
NOT NEED TO BE REPLACED, ONLY
AMENDED AS NECESSARY TO MEET GRADE.



STA. 21+00



STA. 21+25



CROSS SECTIONS

GRAVEL ACCESS

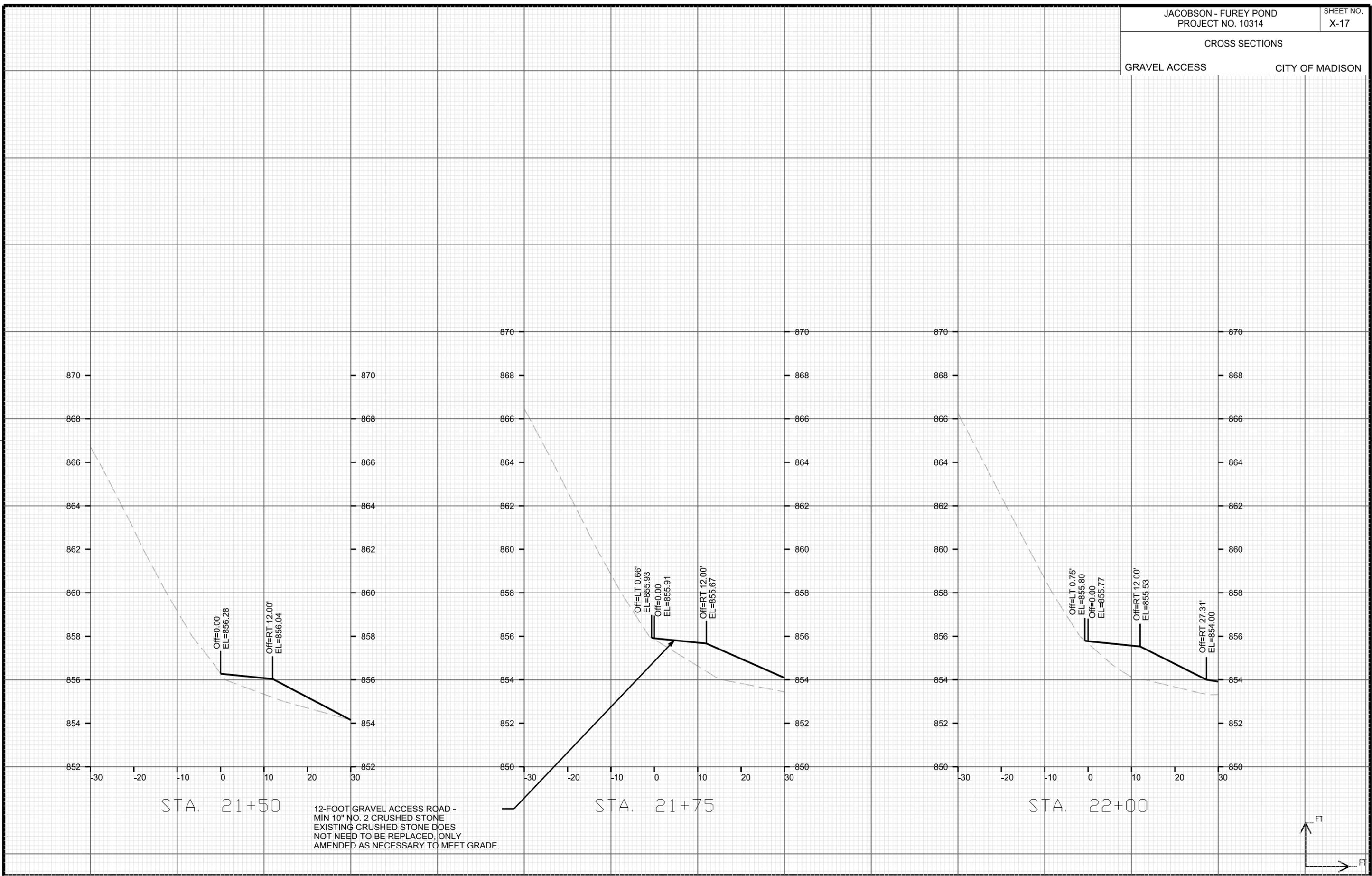
CITY OF MADISON

PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



CROSS SECTIONS

GRAVEL ACCESS

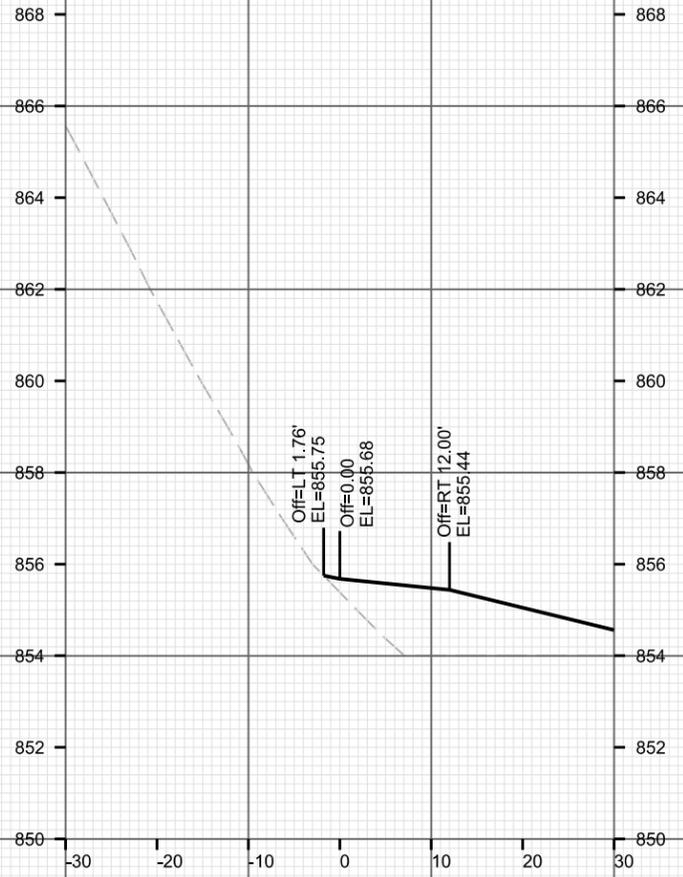
CITY OF MADISON

PLOT SCALE: _____

PLOT NAME: _____

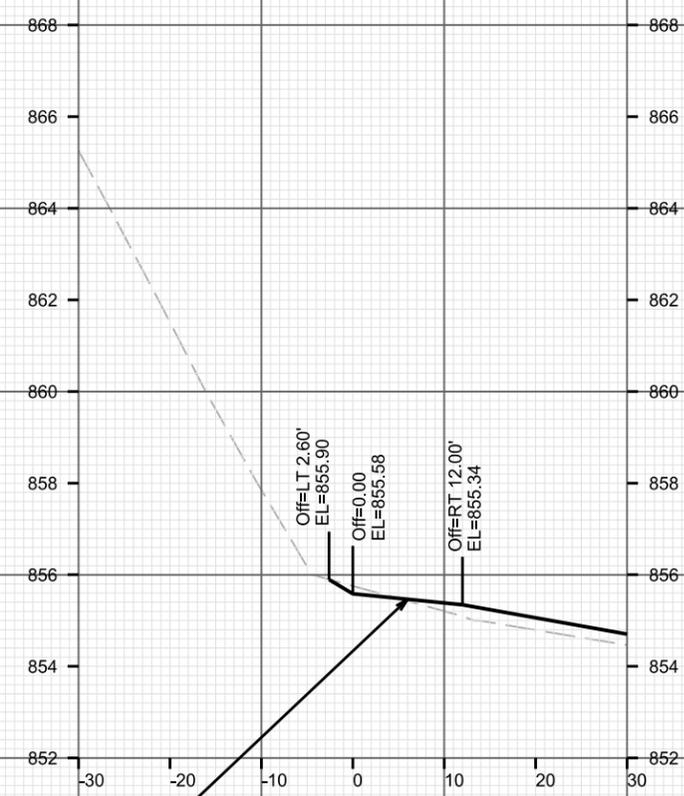
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ORIGINATOR: CITY OF MADISON, STREETS DIVISION

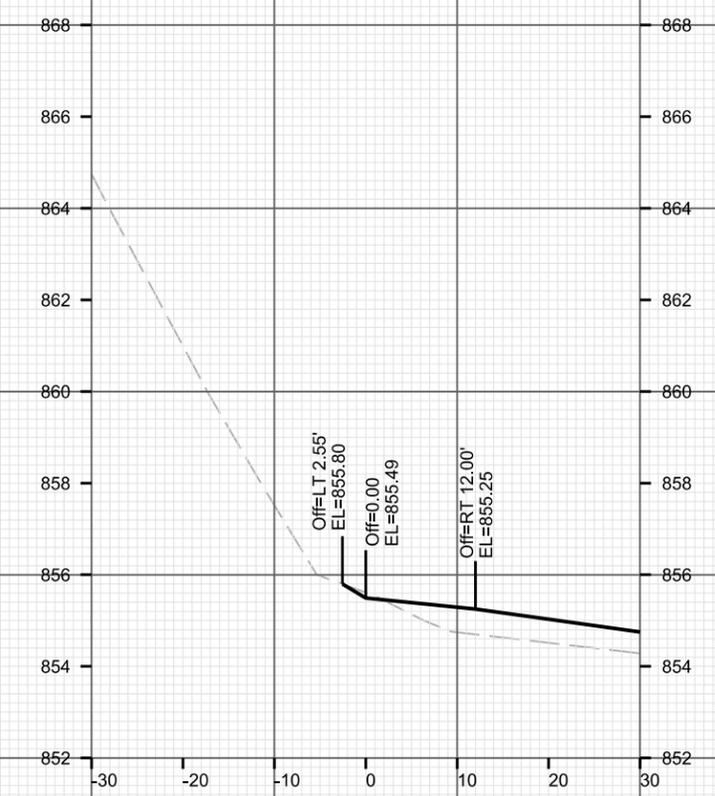


STA. 22+25

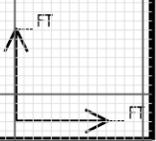
12-FOOT GRAVEL ACCESS ROAD -
MIN 10" NO. 2 CRUSHED STONE
EXISTING CRUSHED STONE DOES
NOT NEED TO BE REPLACED, ONLY
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STA. 22+50



STA. 22+75



CROSS SECTIONS

GRAVEL ACCESS

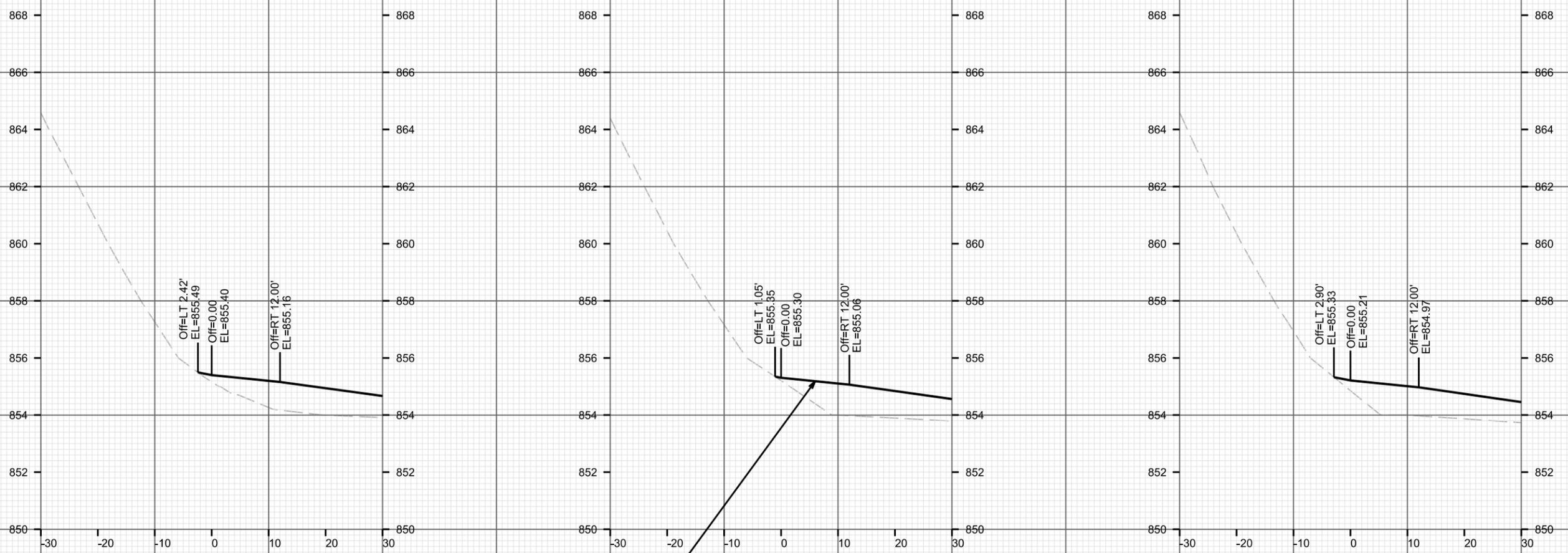
CITY OF MADISON

PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

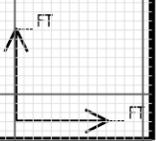


STA. 23+00

12-FOOT GRAVEL ACCESS ROAD -
MIN 10" NO. 2 CRUSHED STONE
EXISTING CRUSHED STONE DOES
NOT NEED TO BE REPLACED, ONLY
AMENDED AS NECESSARY TO MEET GRADE.

STA. 23+25

STA. 23+50



CROSS SECTIONS

GRAVEL ACCESS

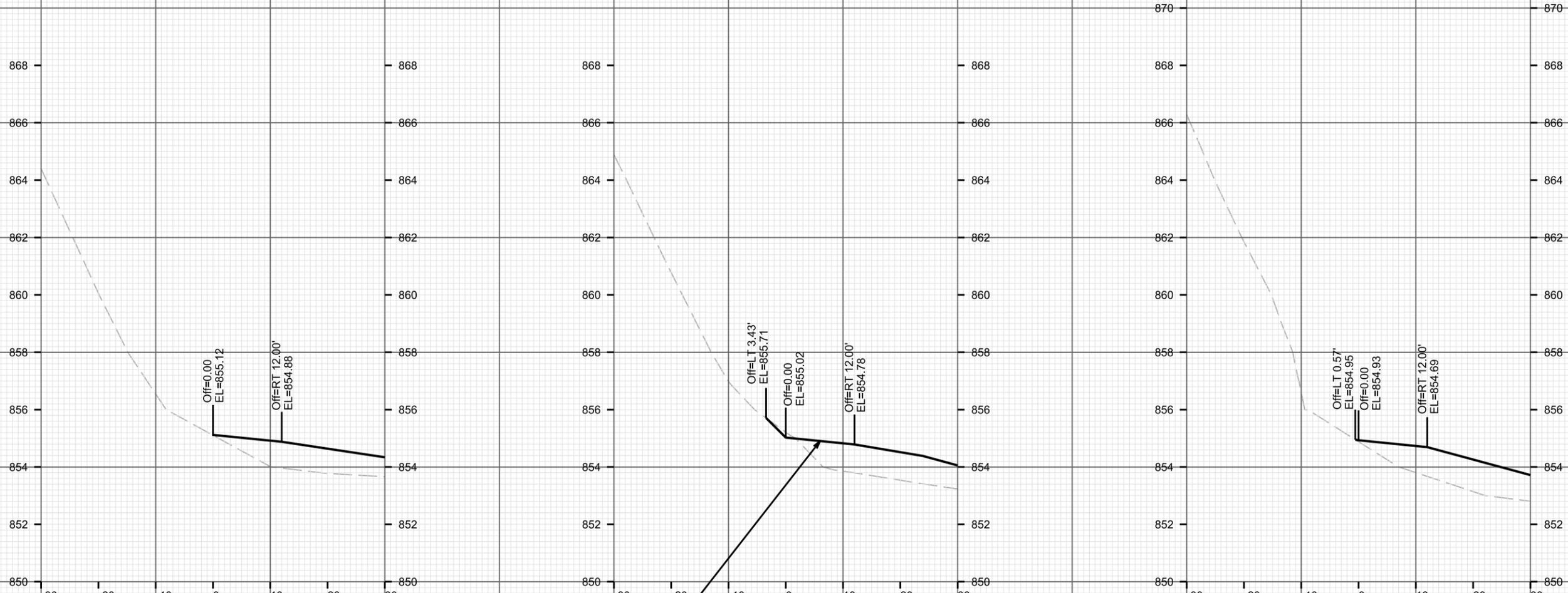
CITY OF MADISON

PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

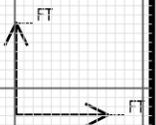


STA. 23+75

STA. 24+00

STA. 24+25

12-FOOT GRAVEL ACCESS ROAD -
MIN 10" NO. 2 CRUSHED STONE
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CROSS SECTIONS

GRAVEL ACCESS

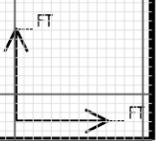
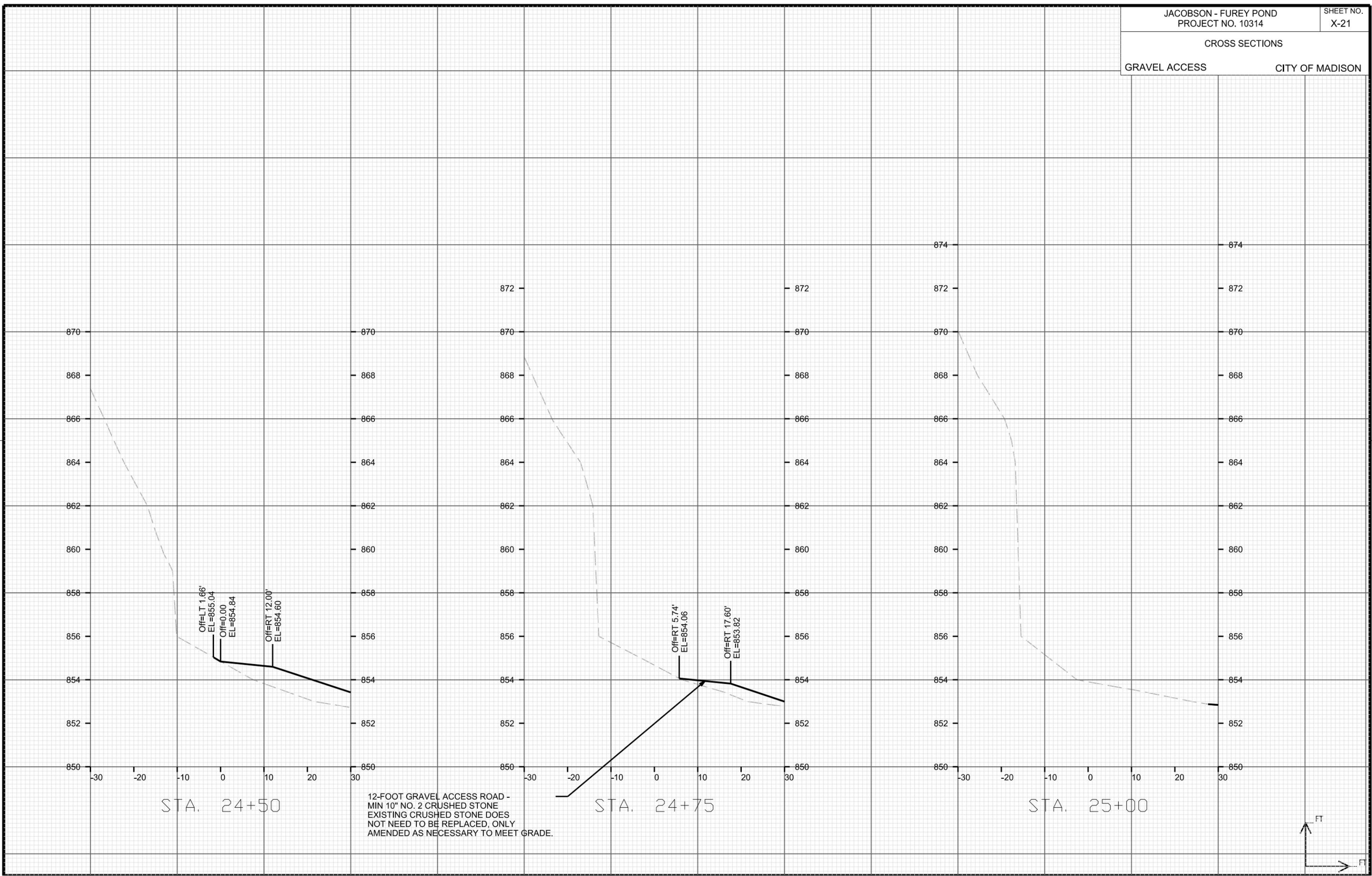
CITY OF MADISON

PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



CROSS SECTIONS

BIKE PATH BASE

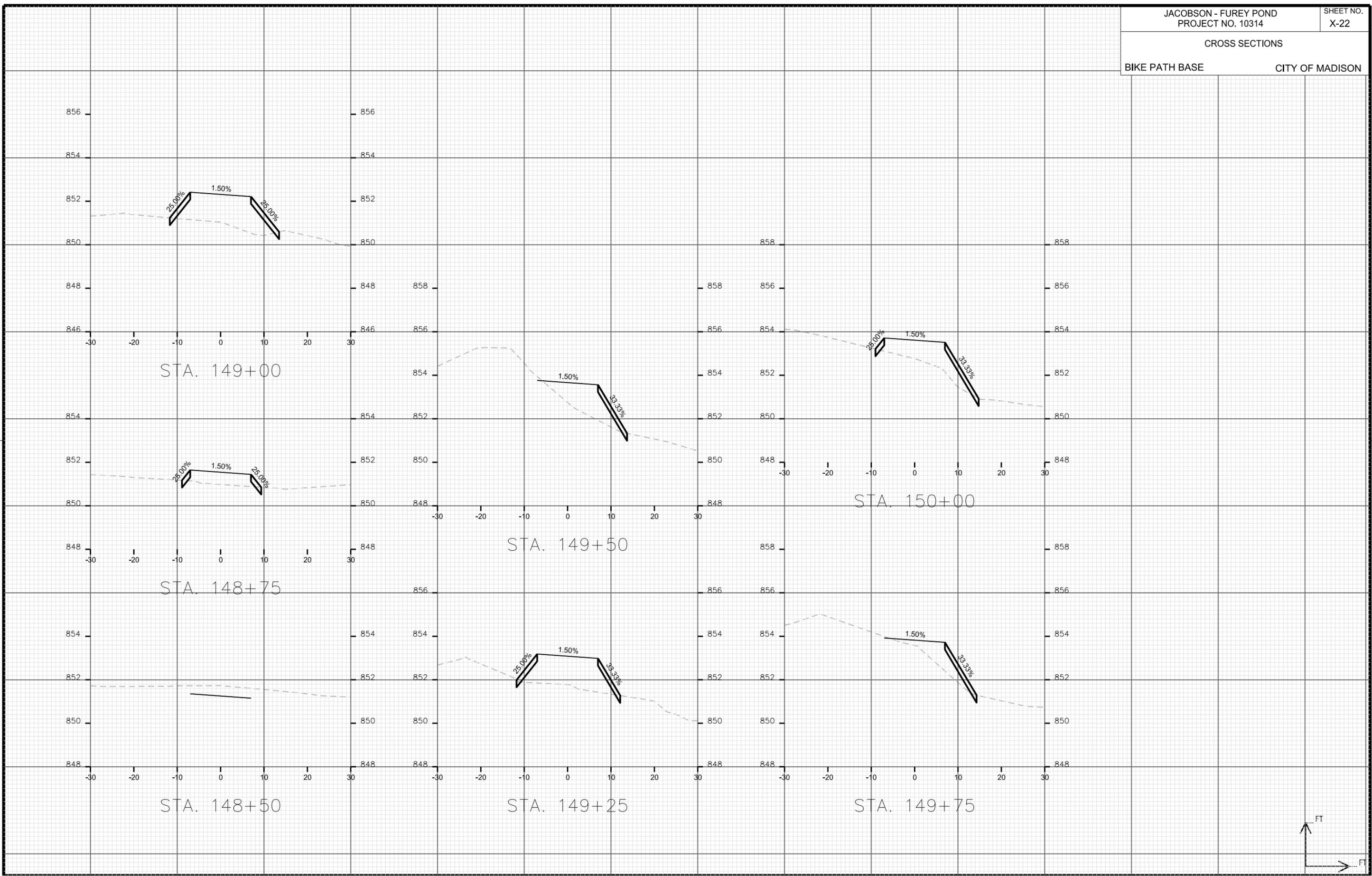
CITY OF MADISON

PLOT SCALE: _____

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ORIGINATOR: CITY OF MADISON, STREETS DIVISION



CROSS SECTIONS

BIKE PATH BASE

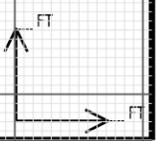
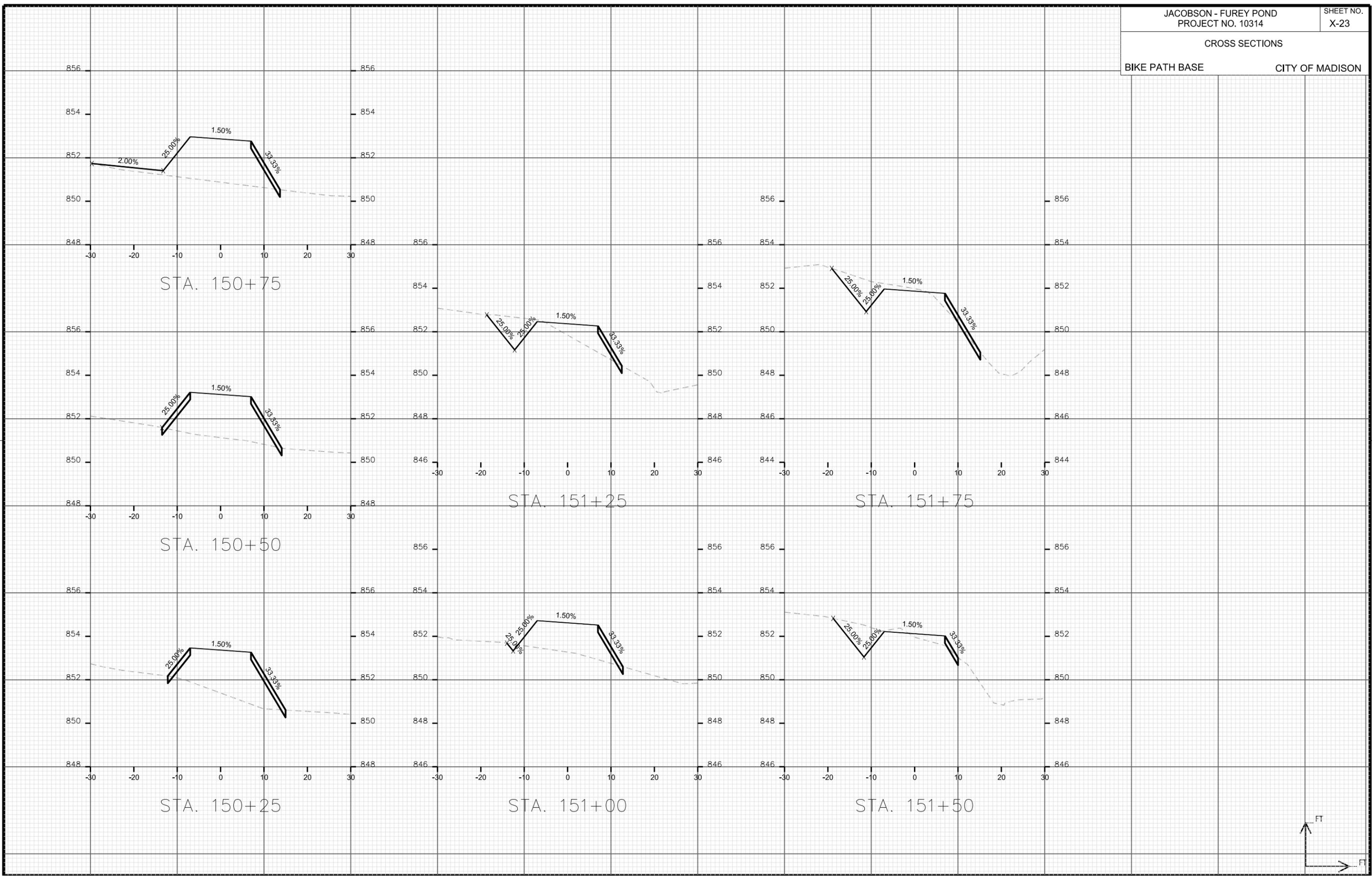
CITY OF MADISON

PLOT SCALE: _____

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CROSS SECTIONS

BIKE PATH BASE

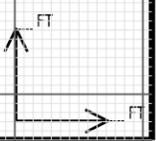
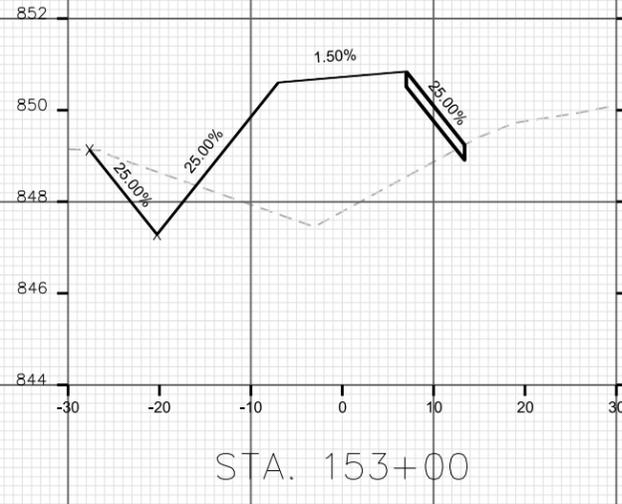
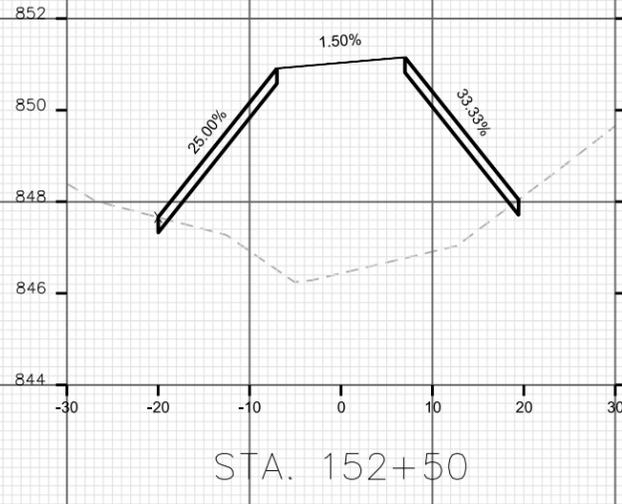
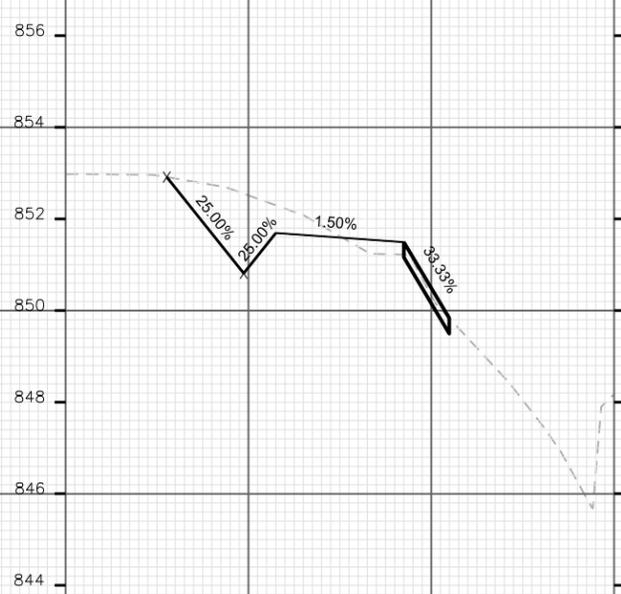
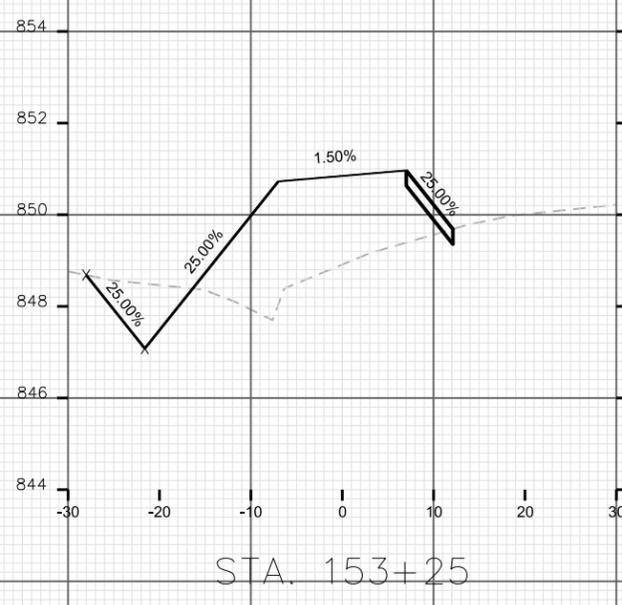
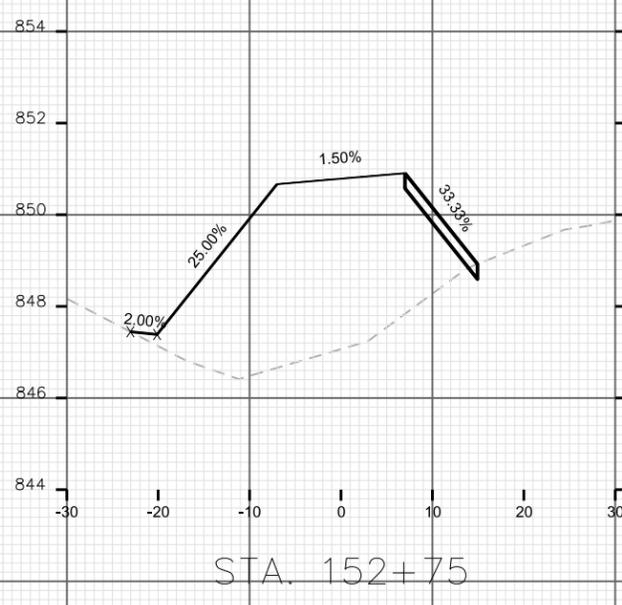
CITY OF MADISON

PLOT SCALE: _____

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CROSS SECTIONS

BIKE PATH BASE

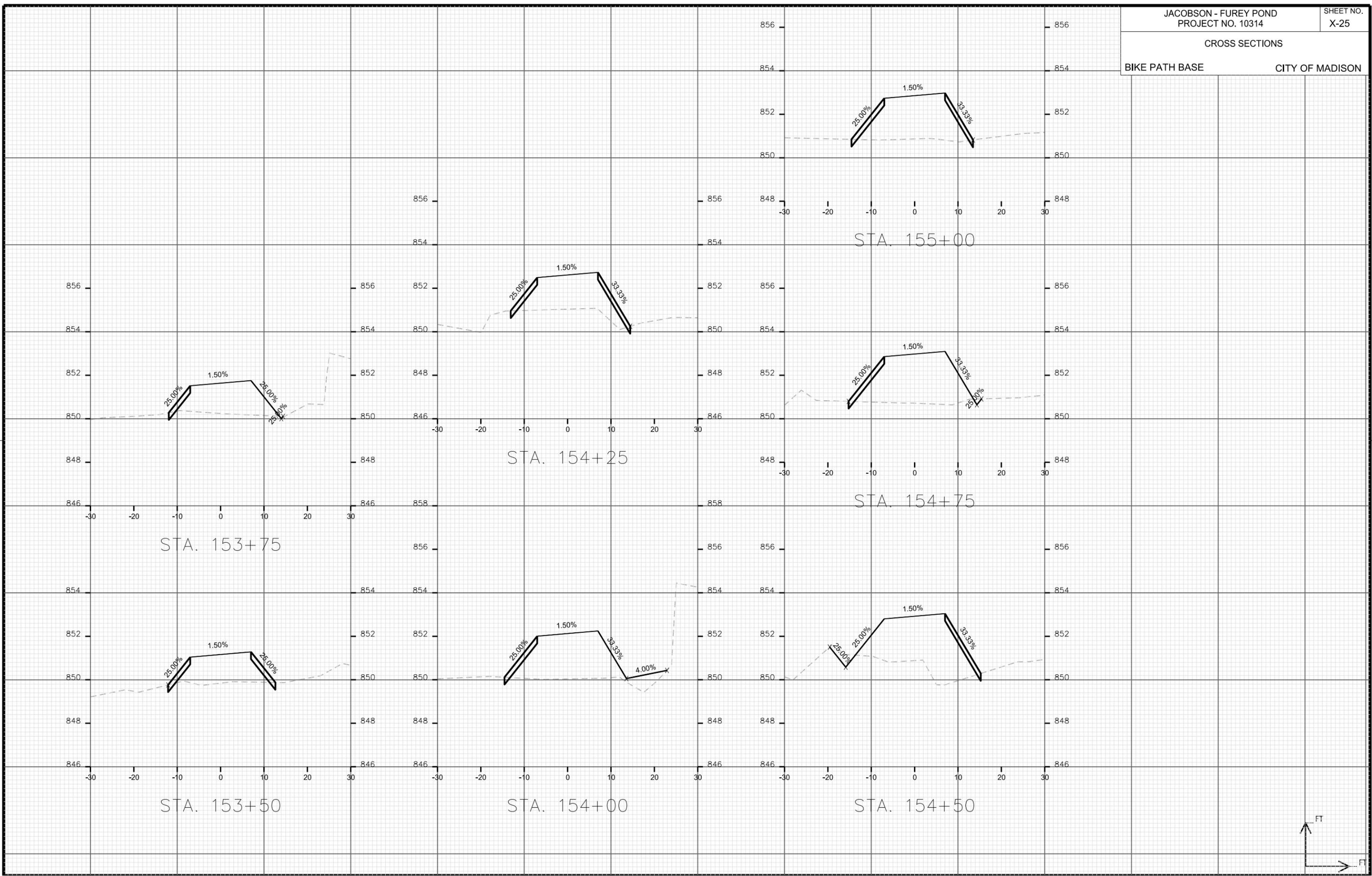
CITY OF MADISON

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CROSS SECTIONS

BIKE PATH BASE

CITY OF MADISON

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