

Madison, Wisconsin

# CITY OF MADISON

## CITY ENGINEERING DIVISION DEPARTMENT OF PUBLIC WORKS

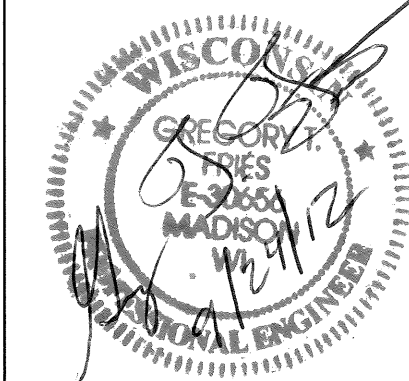
### PLAN OF PROPOSED IMPROVEMENT

PUBLIC IMPROVEMENT PROJECT APPROVED  
OCTOBER 2, 2012  
BY THE COMMON COUNCIL  
OF MADISON, WISCONSIN

PUBLIC IMPROVEMENT DESIGN  
APPROVED BY:

  
City Engineer 9/25/12  
Date

DESIGNED BY:

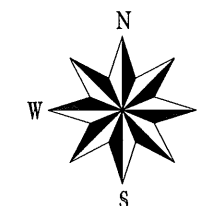
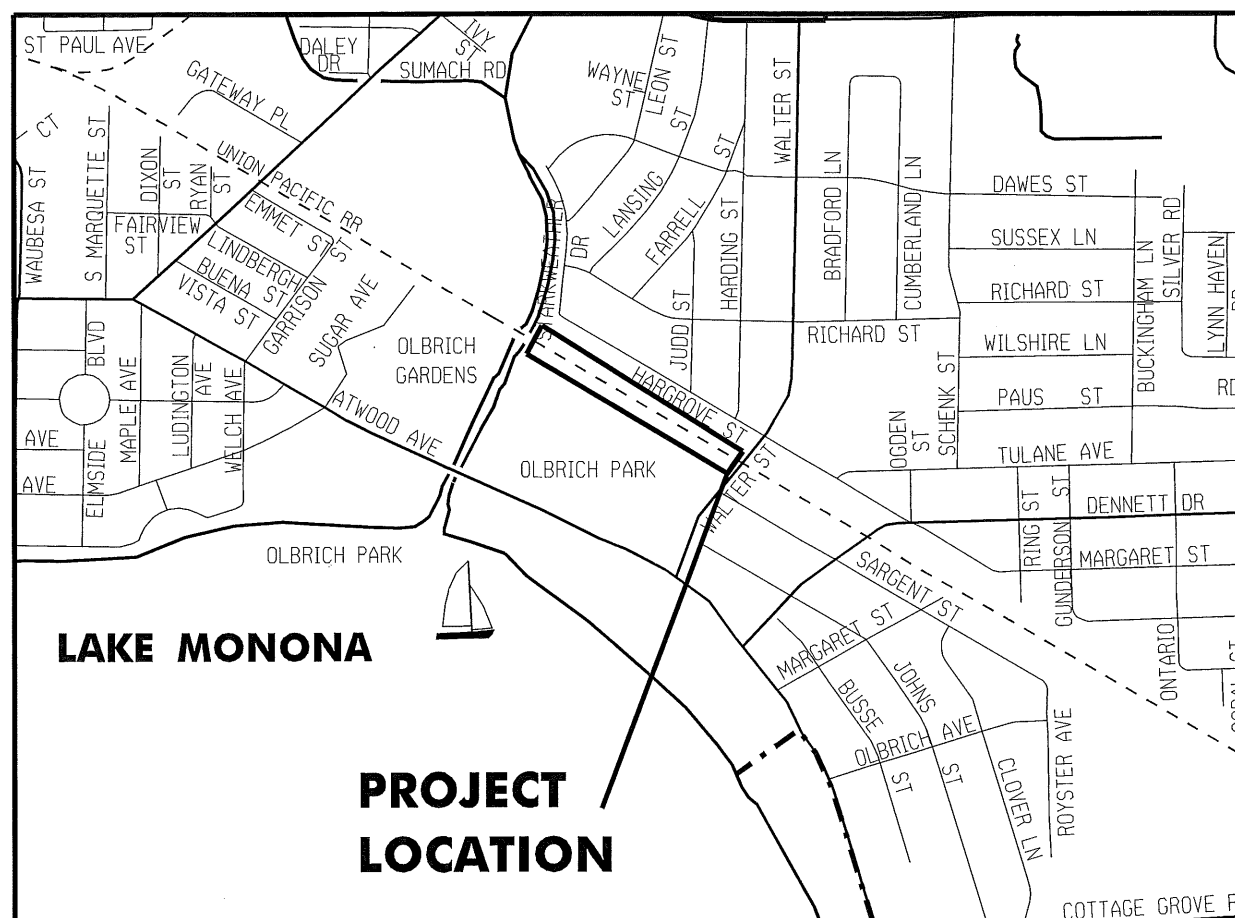


#### INDEX OF SHEETS

SHEET NO.	1	TITLE
SHEET NO.	D1-D2	DETAILS
SHEET NO.	TC1-TC2	TRAFFIC CONTROL PLAN
SHEET NO.	P1-P3	CHANNEL GRADING PLAN AND PROFILE
SHEET NO.	X1-X17	CROSS SECTIONS

## OLBRICH DRAINAGE DITCH STABILIZATION

CITY PROJECT NO. 53W0945  
CONTRACT NO. 6469



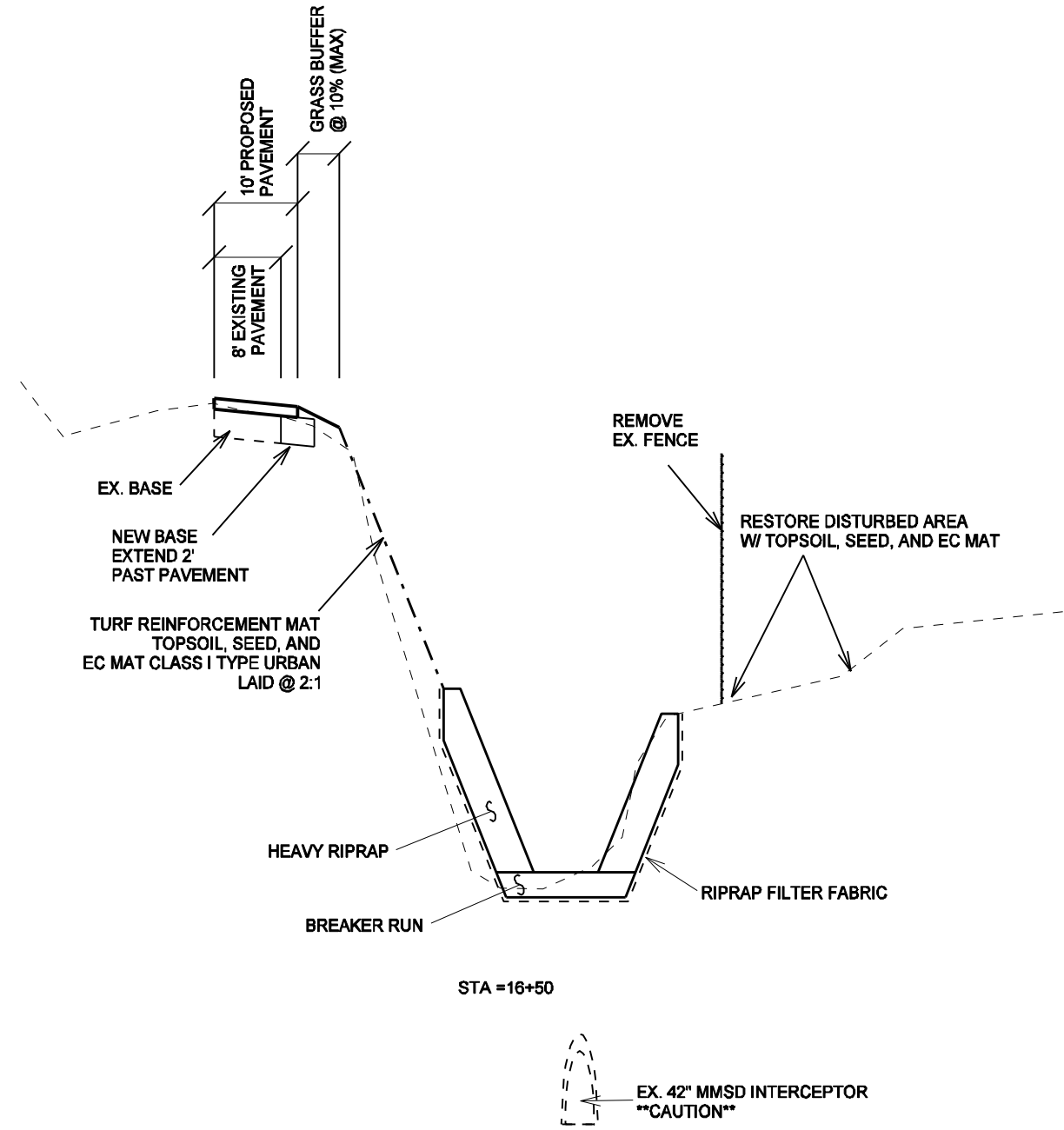
PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR:

# TYPICAL SECTION RIPRAP CHANNEL

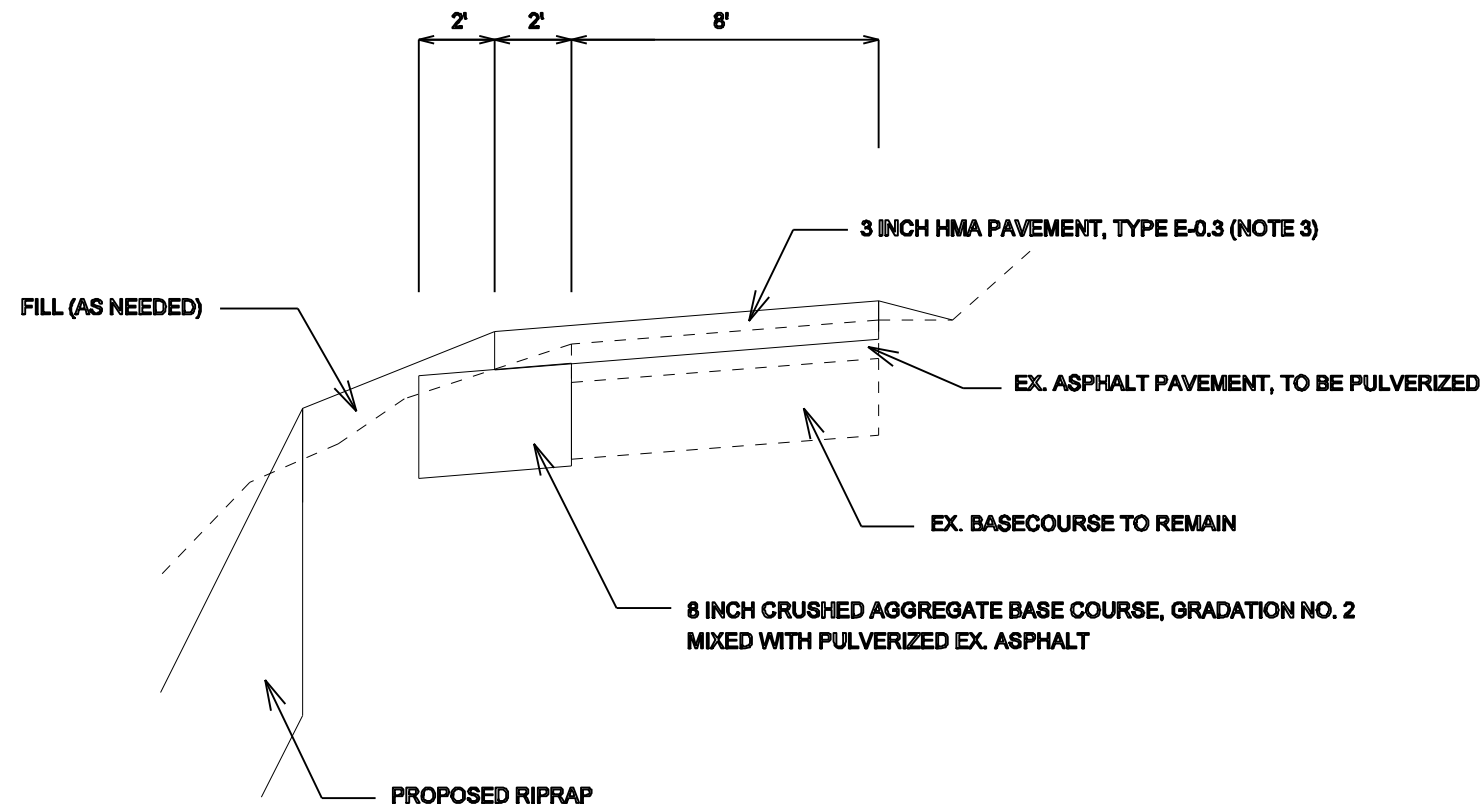


**NOTES:**

1. ALL DISTURBED AREAS OUTSIDE OF RIPRAP TO BE STABILIZED WITH SEED, POLYMER, AND EROSION MATTING.  
-SEED SHALL BE TYPE TALL PRARIE GRASS EXCEPT WITHIN 10' OF OLBRICH SOFTBALL FENCE, THIS SEED SHALL BE TERRACE SEEDING
2. TURF STABILIZATION SHALL BE EROSION MATTING TYPE III, CLASS B  
-TURF STABILIZATION SHALL BEGIN AT STA 15+00 AND END AT STA 21+00  
-TURF STABILIZATION SHALL CONSIST OF 8" TOPSOIL, SEED POLYMER, AND ADDITIONAL EROSION MATTING TYPE I CLASS URBAN
3. PROPOSED PROFILE SHALL REFER TO THE POINT AT THE TOP OF THE RIPRAP AT THE CENTER OF THE CHANNEL
4. OLBRICH GARDENS THAI PAVILION PLANTINGS SHALL NOT BE DISTURBED  
-THIS IS THE AREA FROM STA 11+00 RT TO STA 13+00 RT.  
-2' (MIN) FILL AND GRASS BUFFER SHALL BE PROVIDED TO THIS AREA
5. SPOT ELEVATIONS PROVIDED ON CROSS SECTIONS
6. SPECIAL CARE SHALL BE TAKEN TO NOT DISTURB MMSD RCP SANITARY SEWER LOCATED UNDER THE CHANNEL. PIPE ELEVATIONS FOR 42" RCP MMSD SEWER SHOWN ON CROSS SECTIONS
7. HEAVY RIPRAP SHALL CONSIST OF 18" STONE, QUARRY STONE ACCEPTABLE (SEE ARTICLE 212 OF THE CITY OF MADISON'S STANDARD SPECIFICATIONS FOR MORE INFORMATION)

PLOT SCALE: .....  
 PLOT NAME: .....  
 REV. DATE: .....

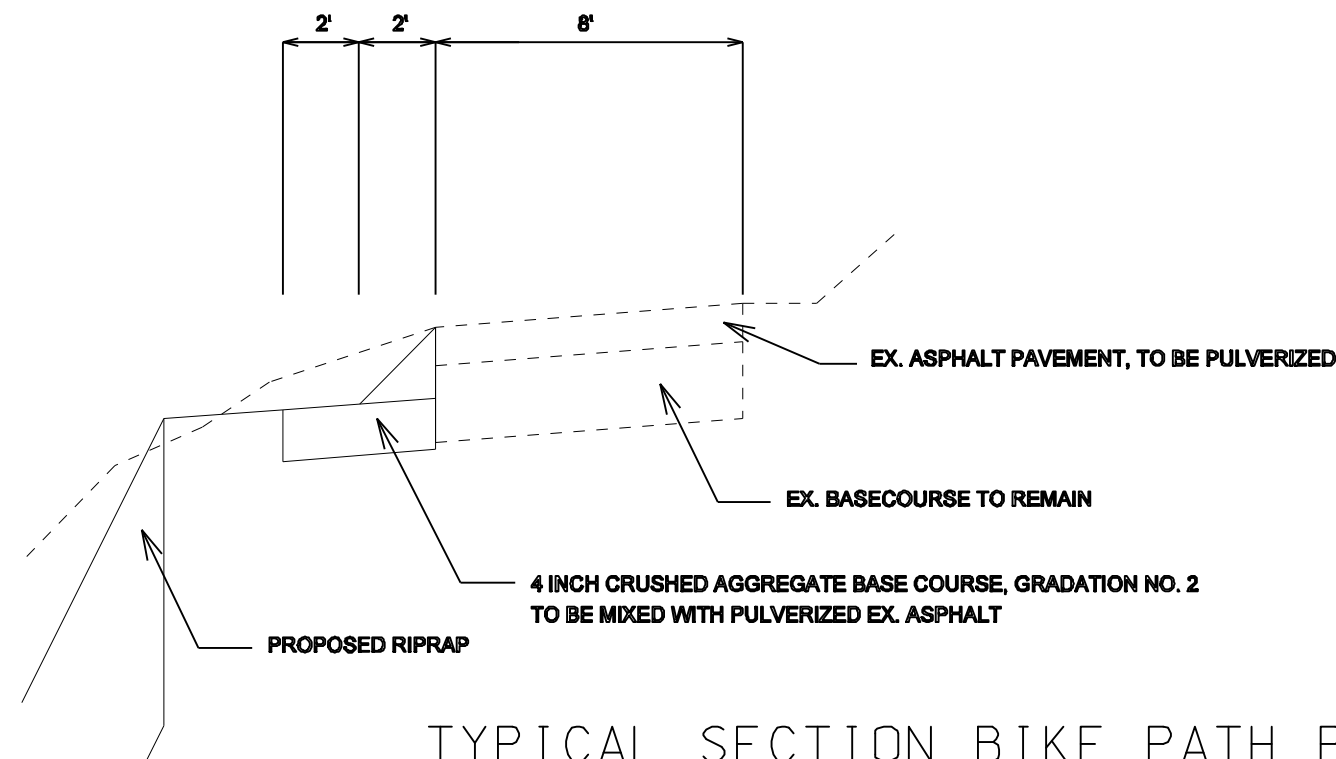
ORIGINATOR: CITY OF MADISON, STREETS DIVISION



TYPICAL SECTION BIKE PATH FINAL

**NOTES:**

1. PROPOSED BIKE PATH SHALL BE INSTALLED AT EXISTING GRADE FROM WALTER STREET TO STARKWEATHER CREEK BRIDGE
2. BIKE PATH SHALL BE INSTALLED IN THE SPRING, AFTER COMPLETION OF THE DITCH PORTION OF THE PROJECT. PROPOSED BASECOURSE SHALL BE INSTALLED AS TO LEAVE ROOM FOR PULVERIZED MATERIAL FROM EX. BIKE PATH TO COMPLETE PROPOSED BASECOURSE DEPTH
3. ALL DISTURBED AREAS OUTSIDE OF RIPRAP TO BE STABILIZED WITH SEED, POLYMER, AND EROSION MATTING.
4. 3-INCH HMA PAVEMENT SHALL BE CONSTRUCTED AS A SINGLE LIFT. NOMINAL AGGREGATE SIZE SHALL BE 12.5 MM



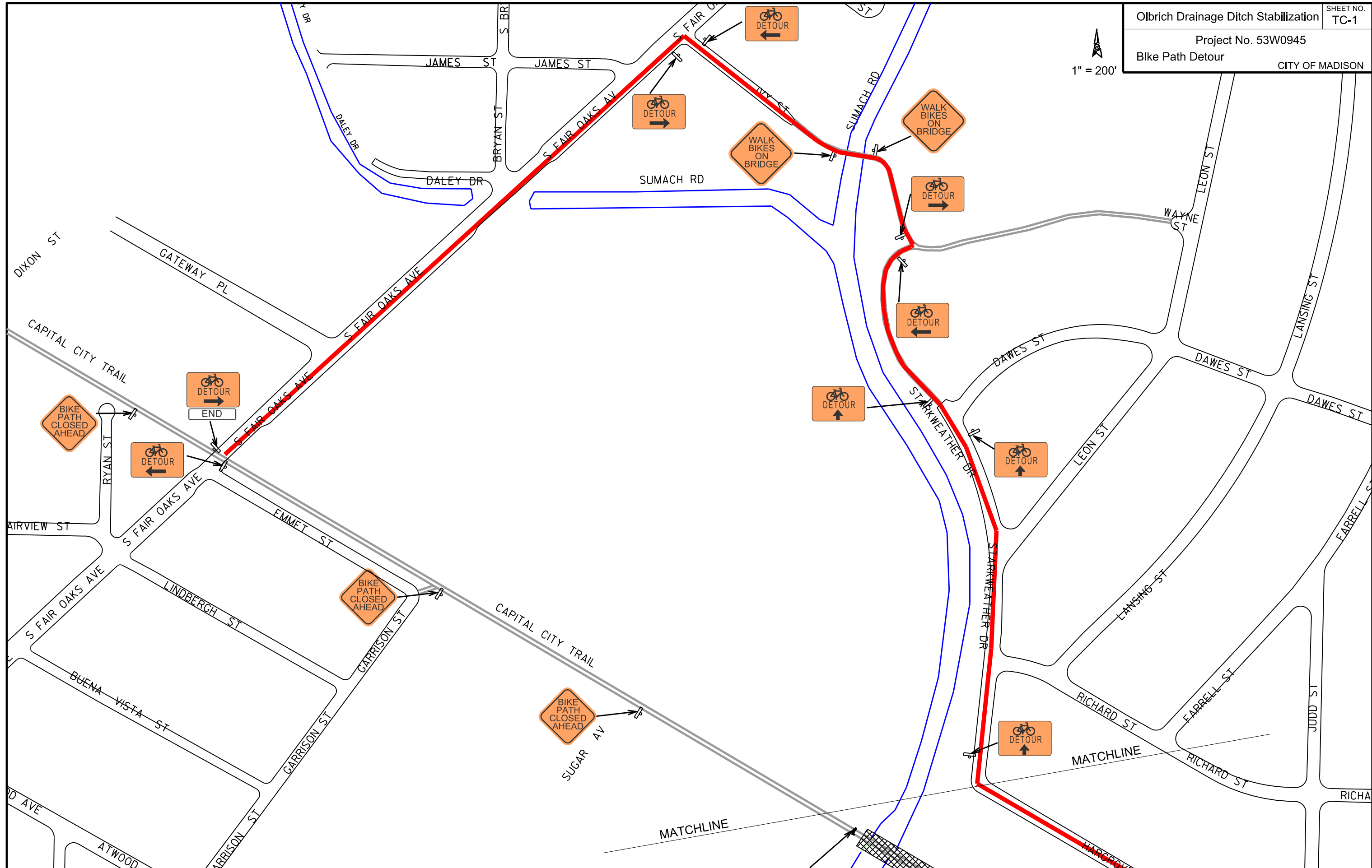
TYPICAL SECTION BIKE PATH PHASE I

PLOT SCALE: 1"=10'

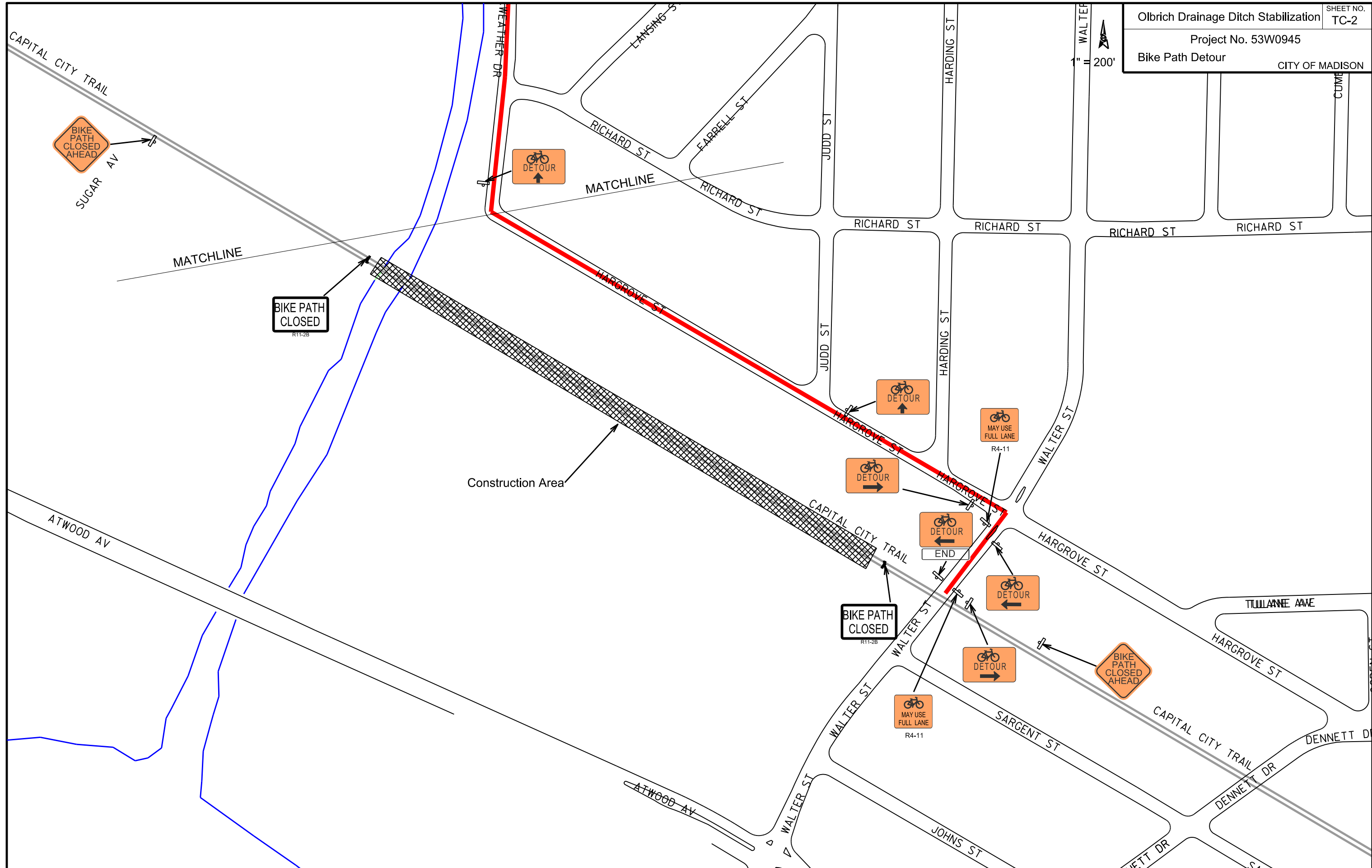
PLOT NAME: 53W0945.DWG

REV. DATE: 9/25/2012

1" = 200'



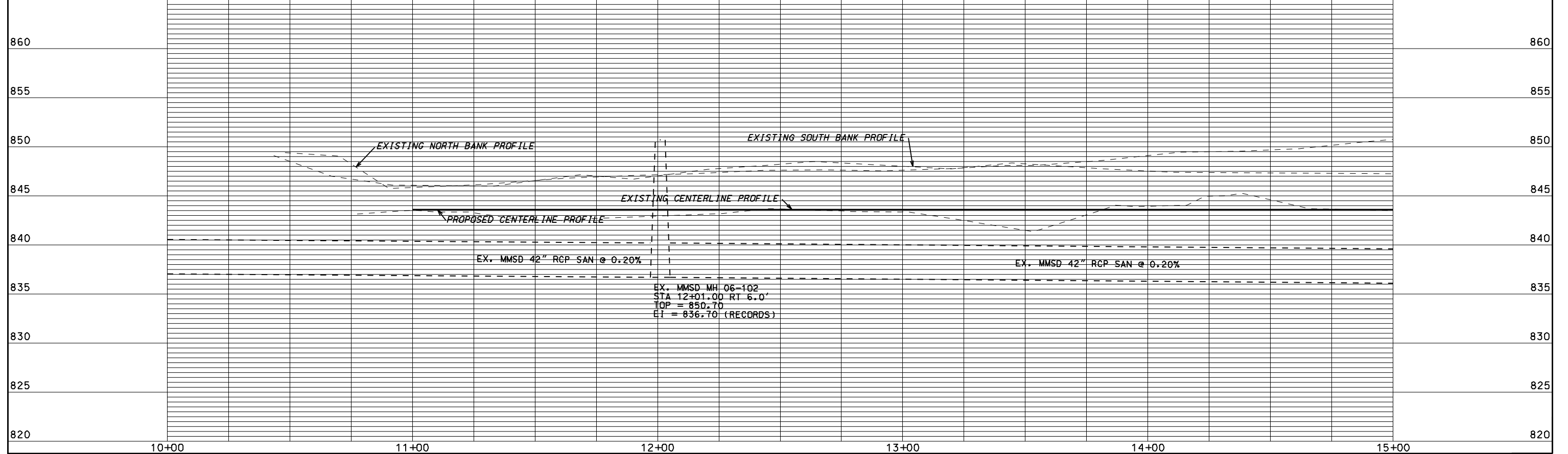
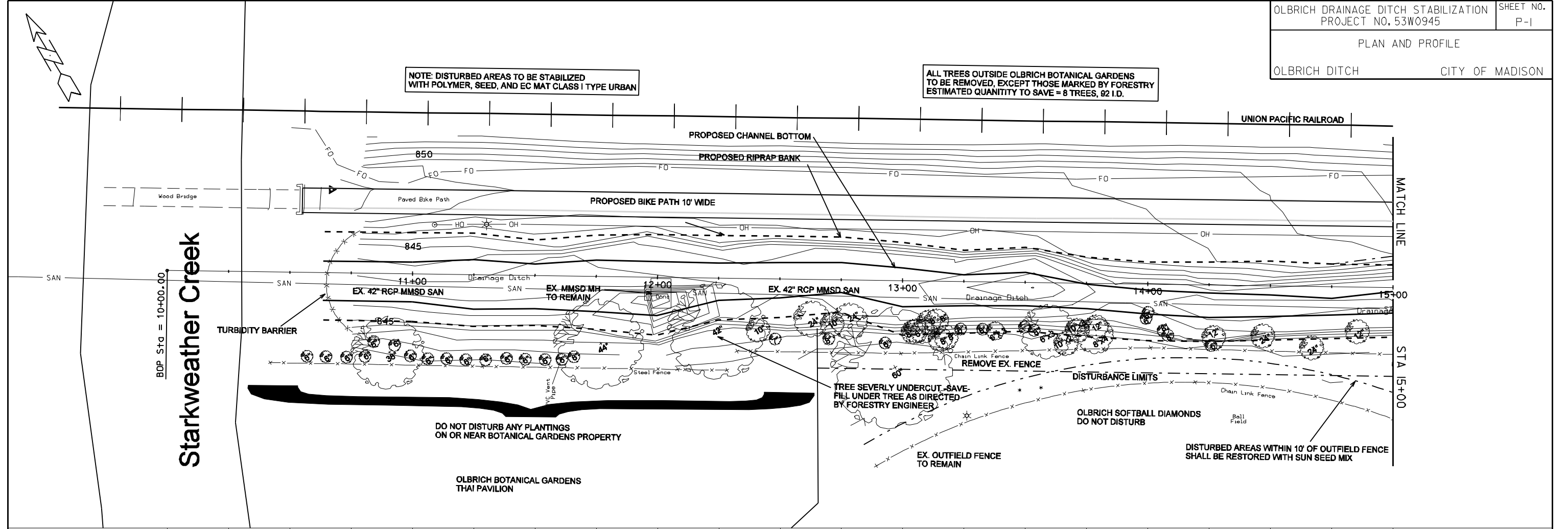
PLOT SCALE:  
 PLOT NAME:  
 REV. DATE:  
 ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.



PLOT SCALE:  
 PLOT NAME:  
 REV. DATE:  
 ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.

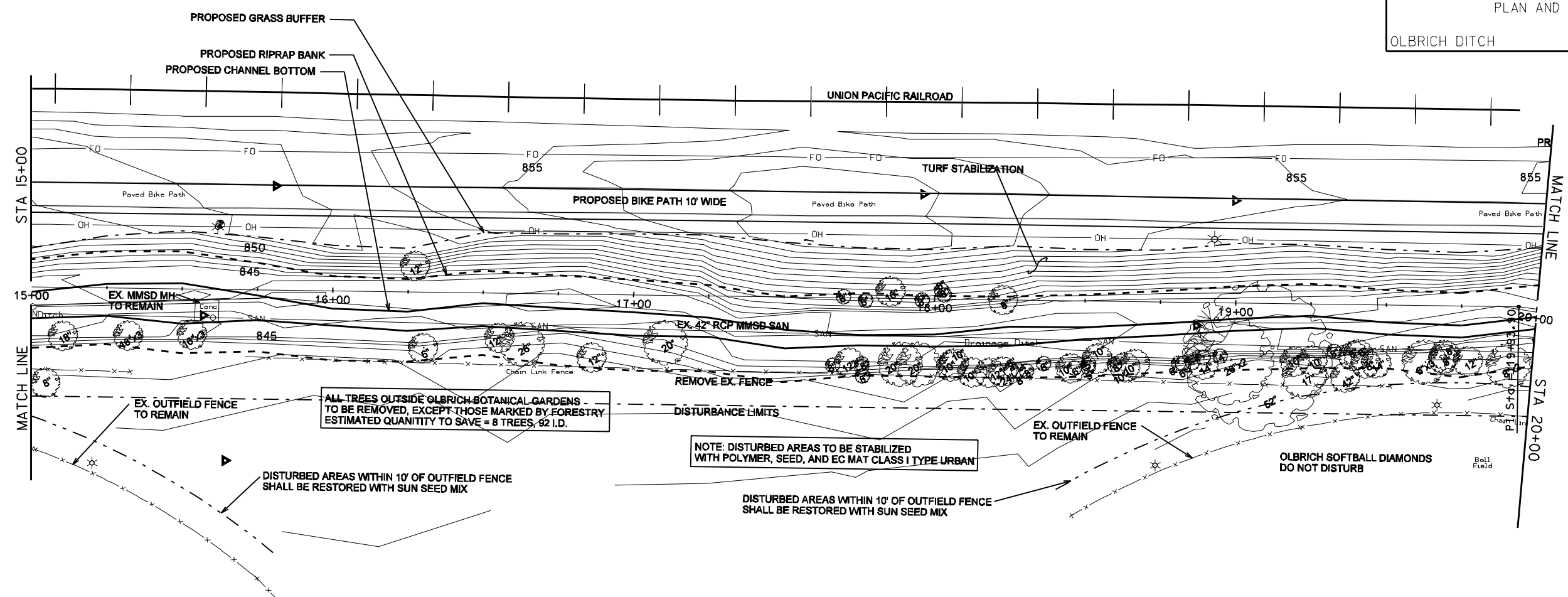
NOTE: DISTURBED AREAS TO BE STABILIZED WITH POLYMER, SEED, AND EC MAT CLASS I TYPE URBAN

ALL TREES OUTSIDE OLBRICH BOTANICAL GARDENS TO BE REMOVED, EXCEPT THOSE MARKED BY FORESTRY ESTIMATED QUANTITY TO SAVE = 8 TREES, 82 I.D.

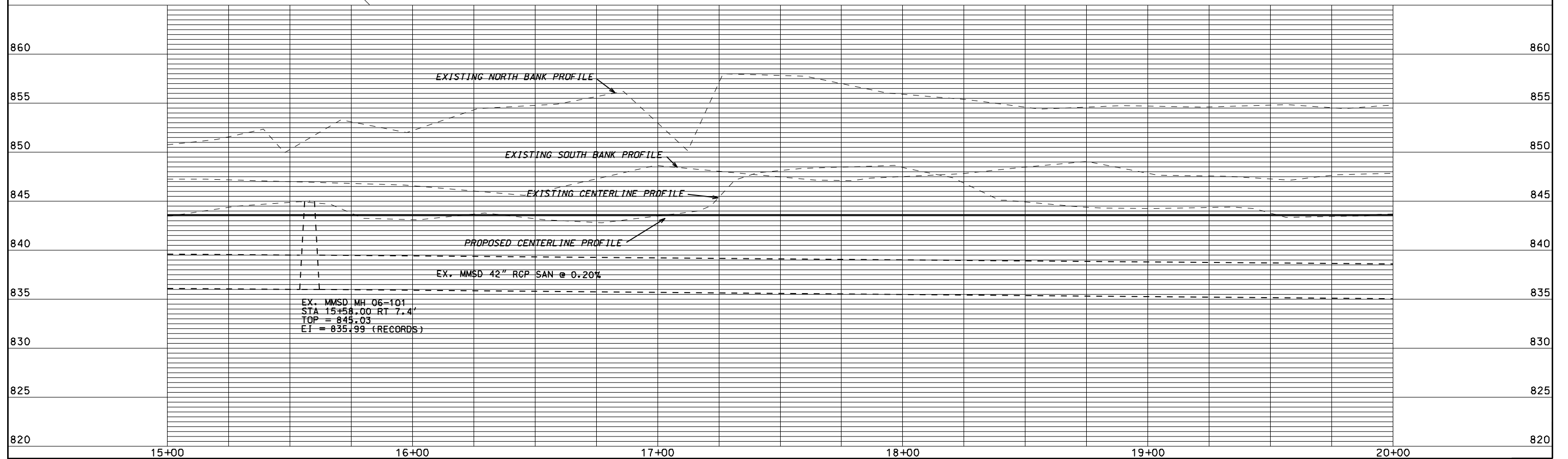


PLOT SCALE: 1" = 40'  
 PLOT NAME: 53W0945-PLAN-RCP01 001.DGN  
 REV. DATE: 9/25/2012

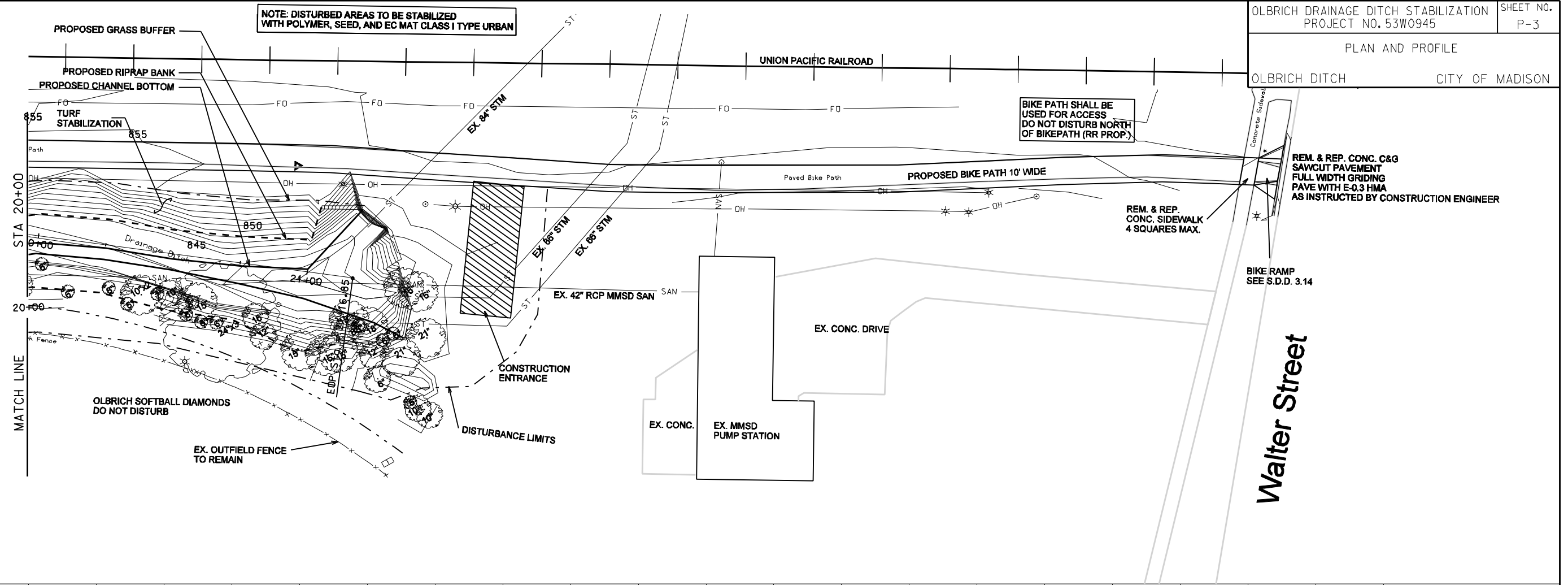
ORIGINATOR: CITY OF MADISON, STREETS DIVISION



PLOT SCALE: \_\_\_\_\_  
 PLOT NAME: \_\_\_\_\_  
 REV. DATE: \_\_\_\_\_



NOTE: DISTURBED AREAS TO BE STABILIZED WITH POLYMER, SEED, AND EC MAT CLASS I TYPE URBAN



BIKE PATH SHALL BE USED FOR ACCESS DO NOT DISTURB NORTH OF BIKEPATH (RR PROP.)

REM. & REP. CONC. C&G SAWCUT PAVEMENT FULL WIDTH GRIDING PAVE WITH E-0.3 HMA AS INSTRUCTED BY CONSTRUCTION ENGINEER

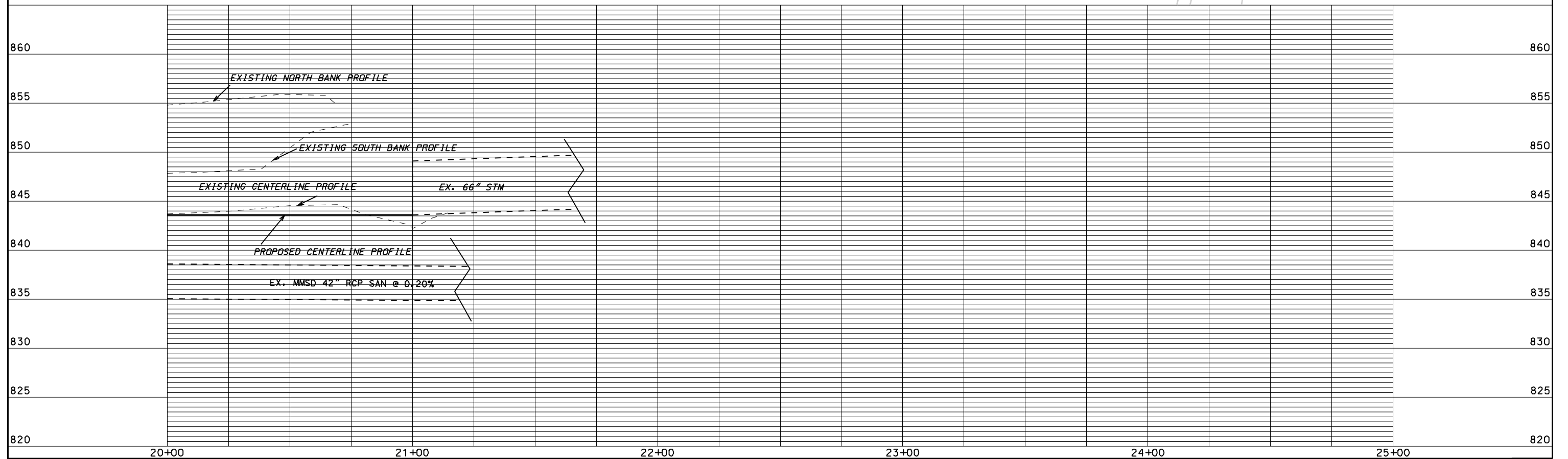
REM. & REP. CONC. SIDEWALK 4 SQUARES MAX.

BIKE RAMP SEE S.D.D. 3.14

STA 20+00  
 STA 21+00  
 STA 22+00  
 STA 23+00  
 STA 24+00  
 STA 25+00

PLOT SCALE: 1"=40'  
 PLOT NAME: 53W0945.P3

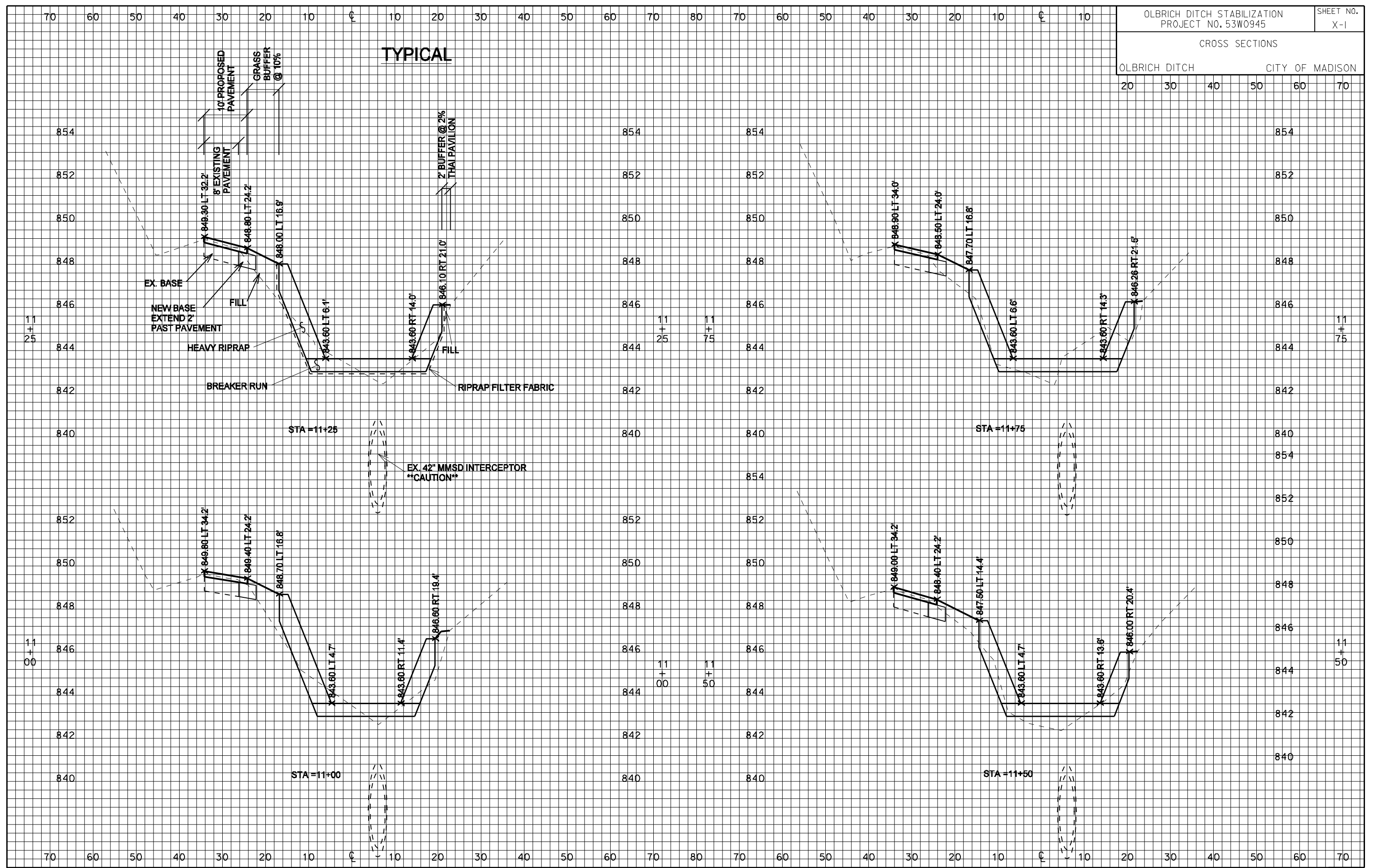
REV. DATE: 9/25/2012





ORIGINATOR: CITY OF MADISON, STREETS DIVISION

REV. DATE: PLOT NAME: PLOT SCALE:



OLBRICH DITCH STABILIZATION PROJECT NO. 53W0945		SHEET NO. X-1
CROSS SECTIONS		
OLBRICH DITCH	CITY OF MADISON	
20	30	40
50	60	70

TYPICAL

STA = 11+25

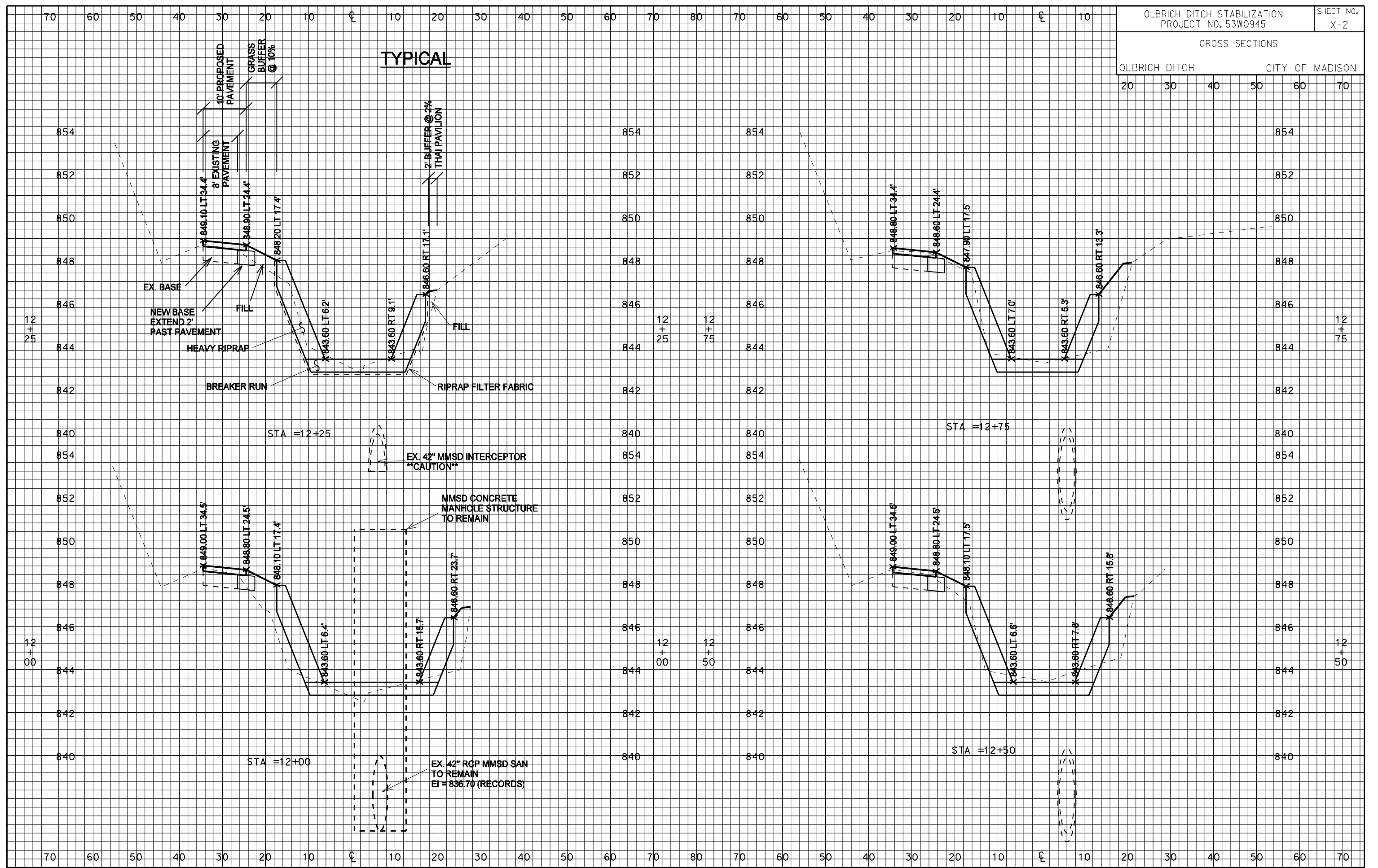
STA = 11+75

STA = 11+00

STA = 11+50

EX. 42" MMSD INTERCEPTOR  
\*\*CAUTION\*\*

TYPICAL



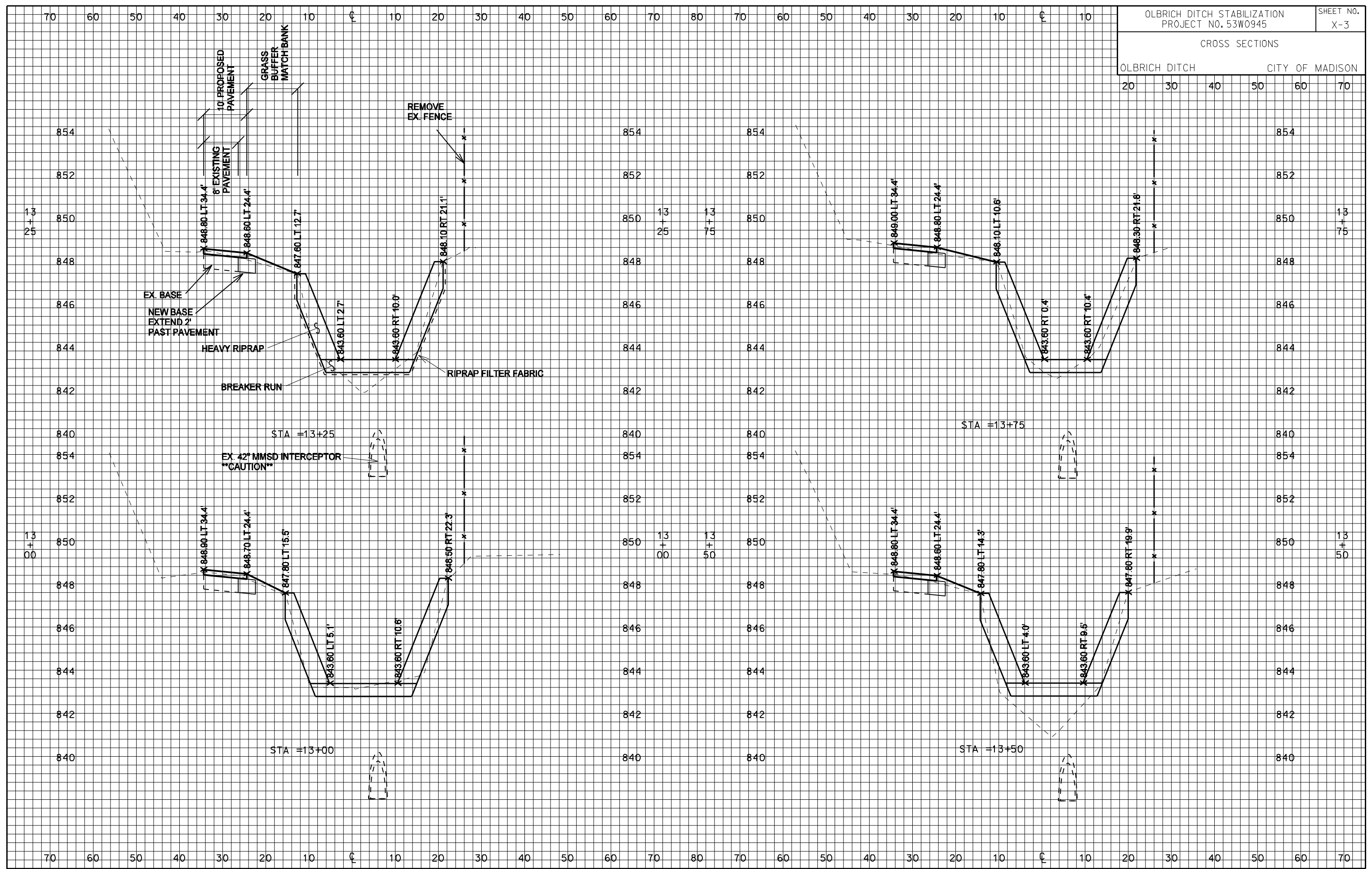
PLOT SCALE: 1" = 10'

REV. DATE: 9/25/2012

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

ORIGINATOR: CITY\_OF\_MADISON\_STREETS\_DIVISION

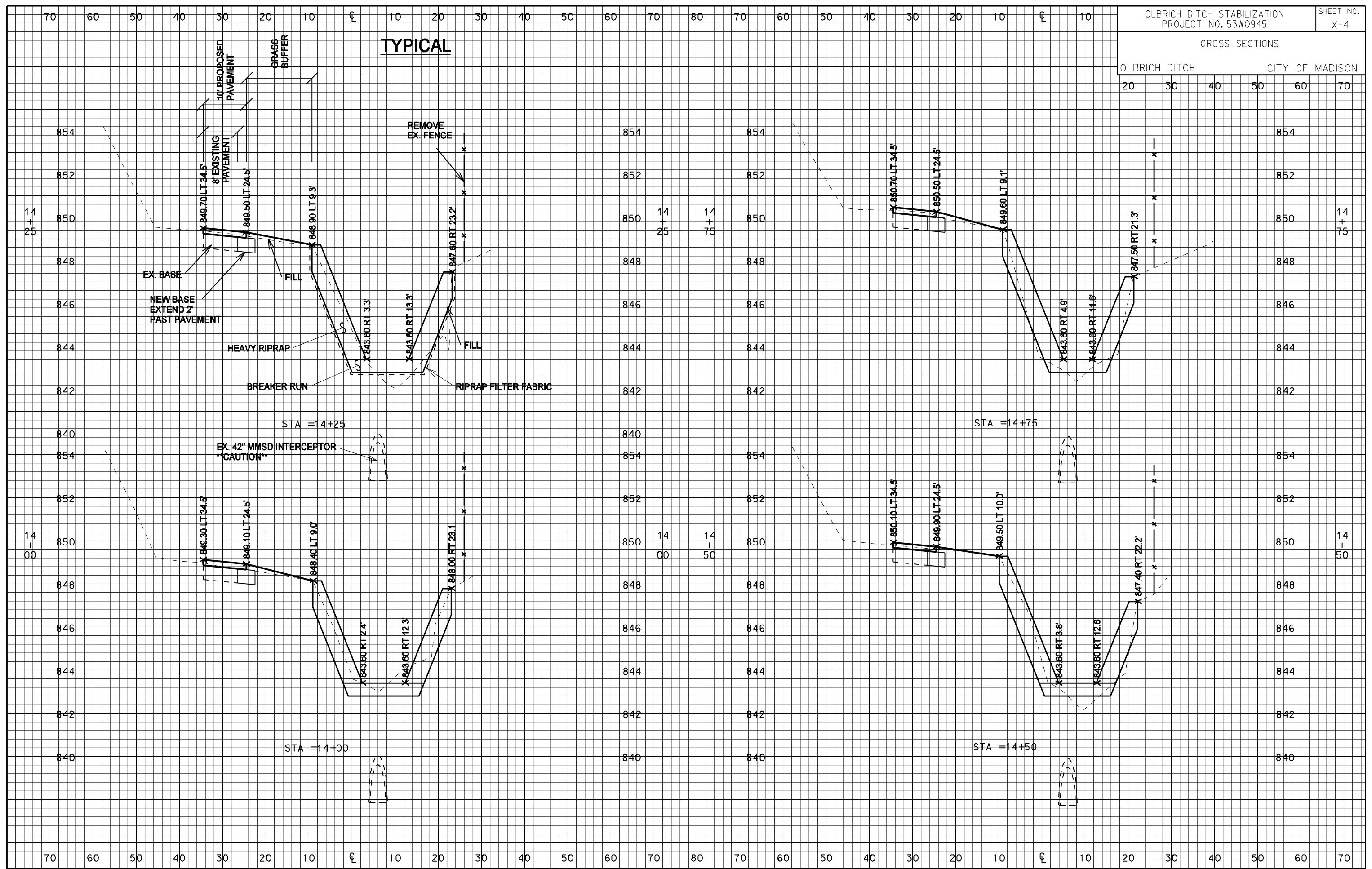
REV. DATE: PLOT NAME: PLOT SCALE:



OLBRICH DITCH STABILIZATION PROJECT NO. 53W0945		SHEET NO. X-3
CROSS SECTIONS		
OLBRICH DITCH	CITY OF MADISON	

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

REV. DATE: PLOT NAME: PLOT SCALE:

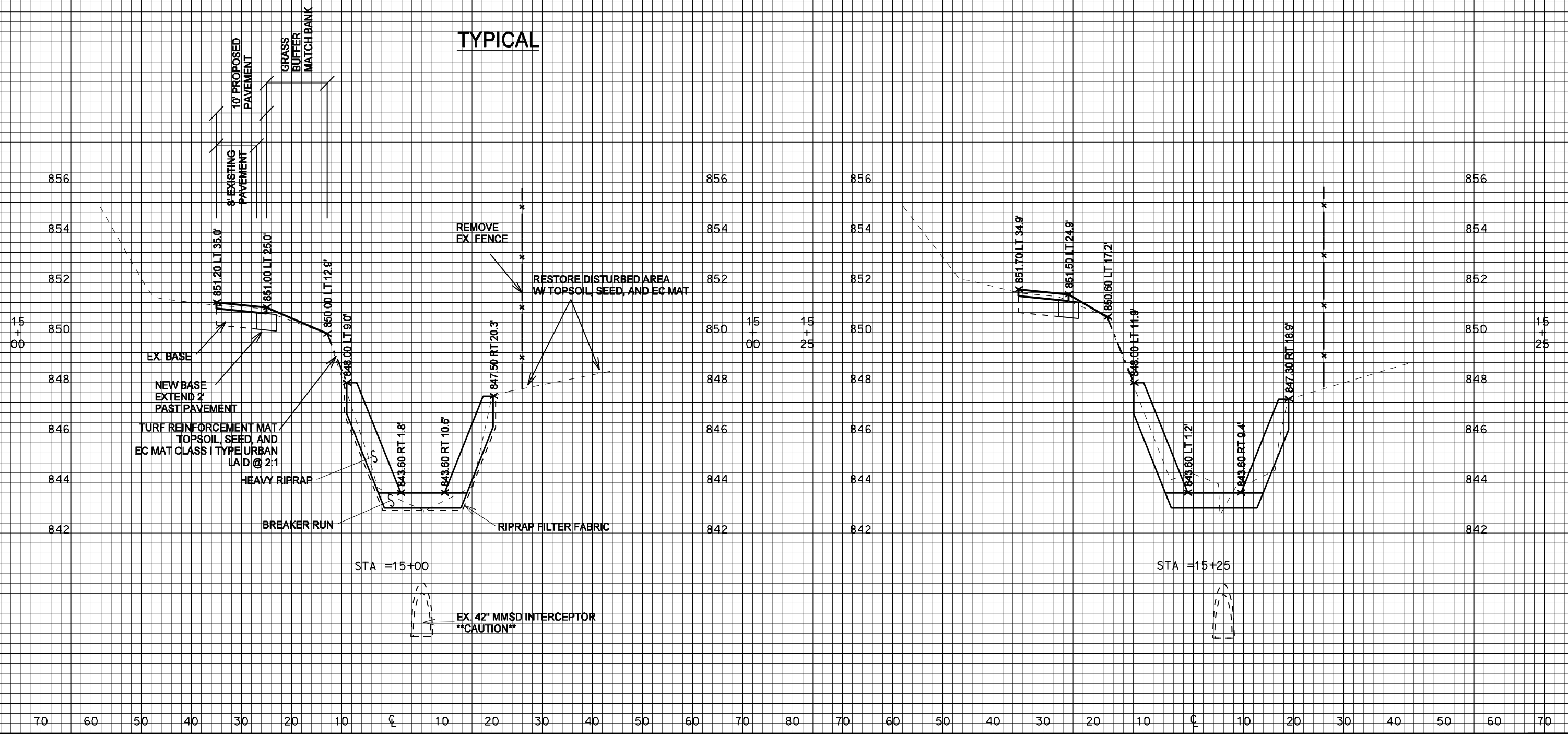


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OLBRICH DRAINAGE DITCH STABILIZATION PROJECT NO. 53W0945					SHEET NO. X-5	
CROSS SECTIONS						
OLBRICH DITCH			CITY OF MADISON			
20	30	40	50	60	70	

REV. DATE: PLOT NAME: PLOT SCALE:

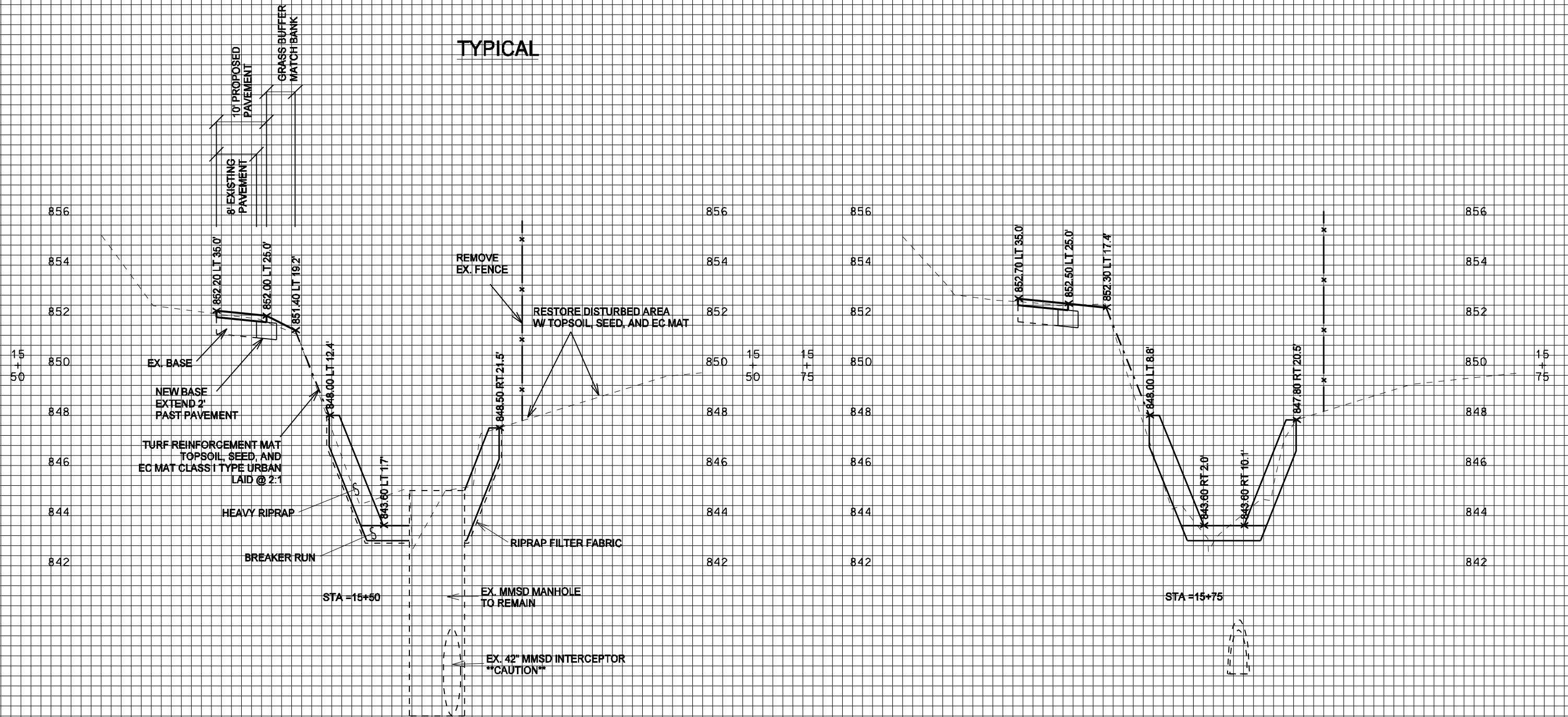
### TYPICAL



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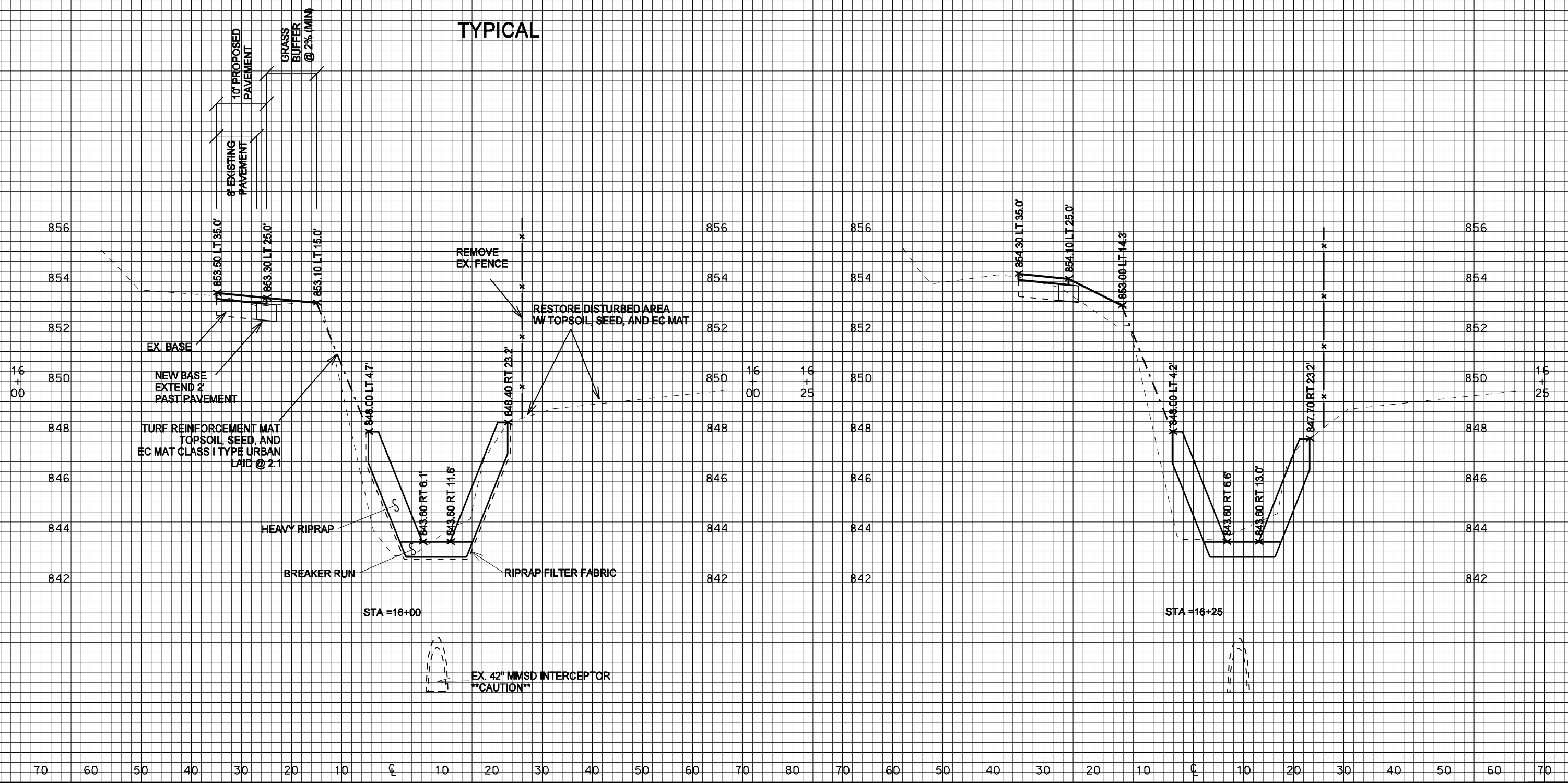
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### TYPICAL



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### TYPICAL

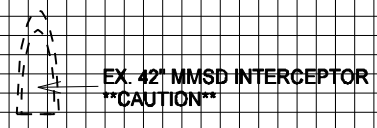
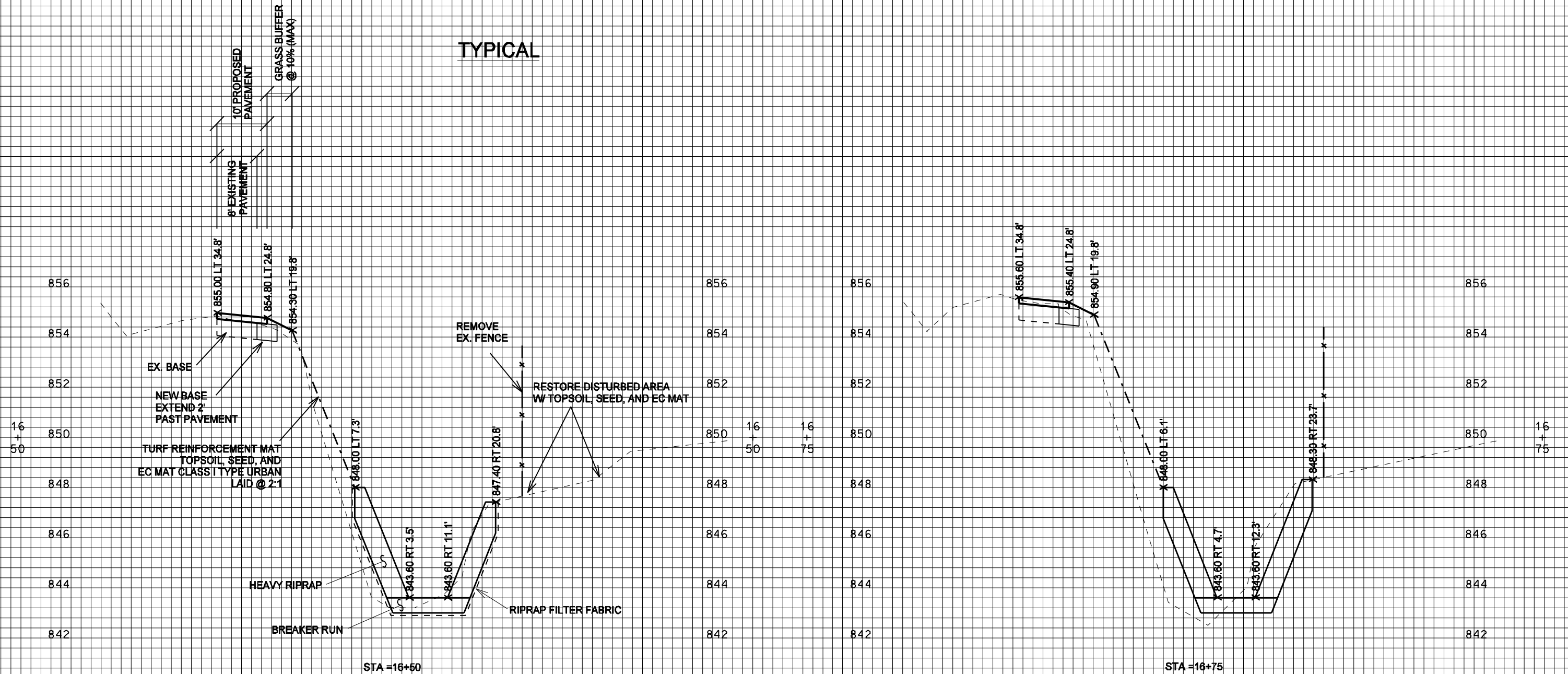


REV. DATE: PLOT NAME: PLOT SCALE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

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### TYPICAL

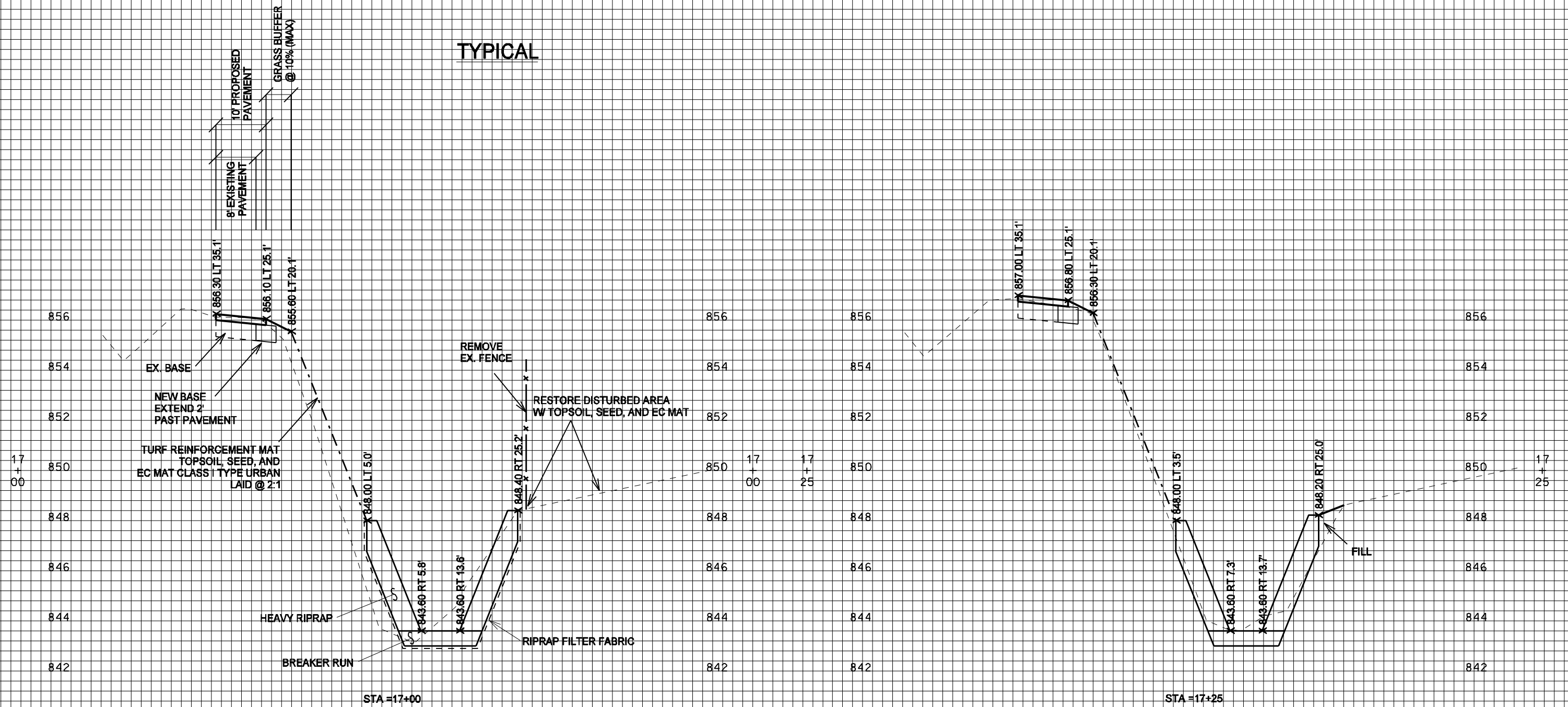


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### TYPICAL

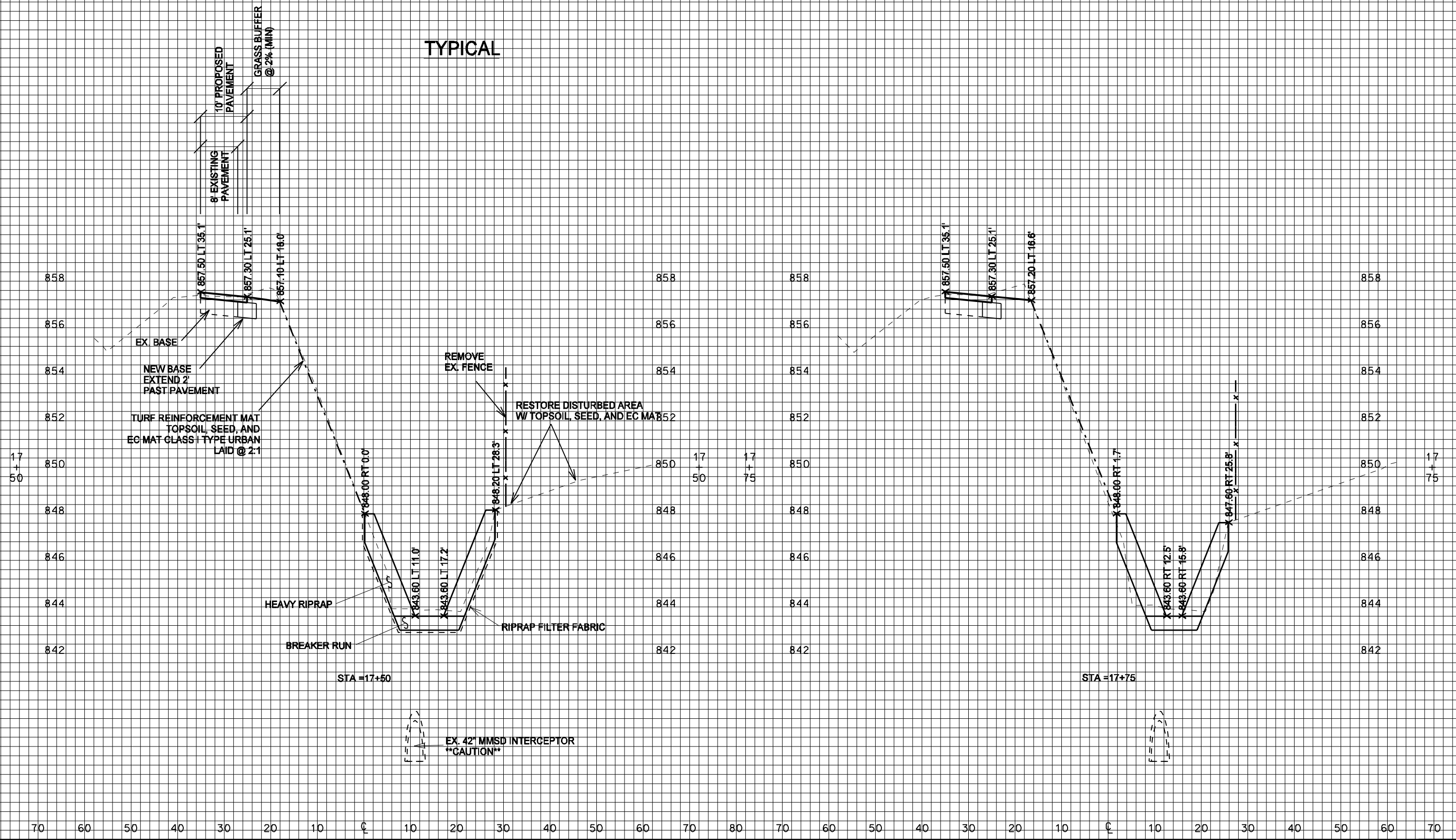


EX. 42" MMSD INTERCEPTOR  
\*\*CAUTION\*\*

REV. DATE: PLOT NAME: PLOT SCALE:

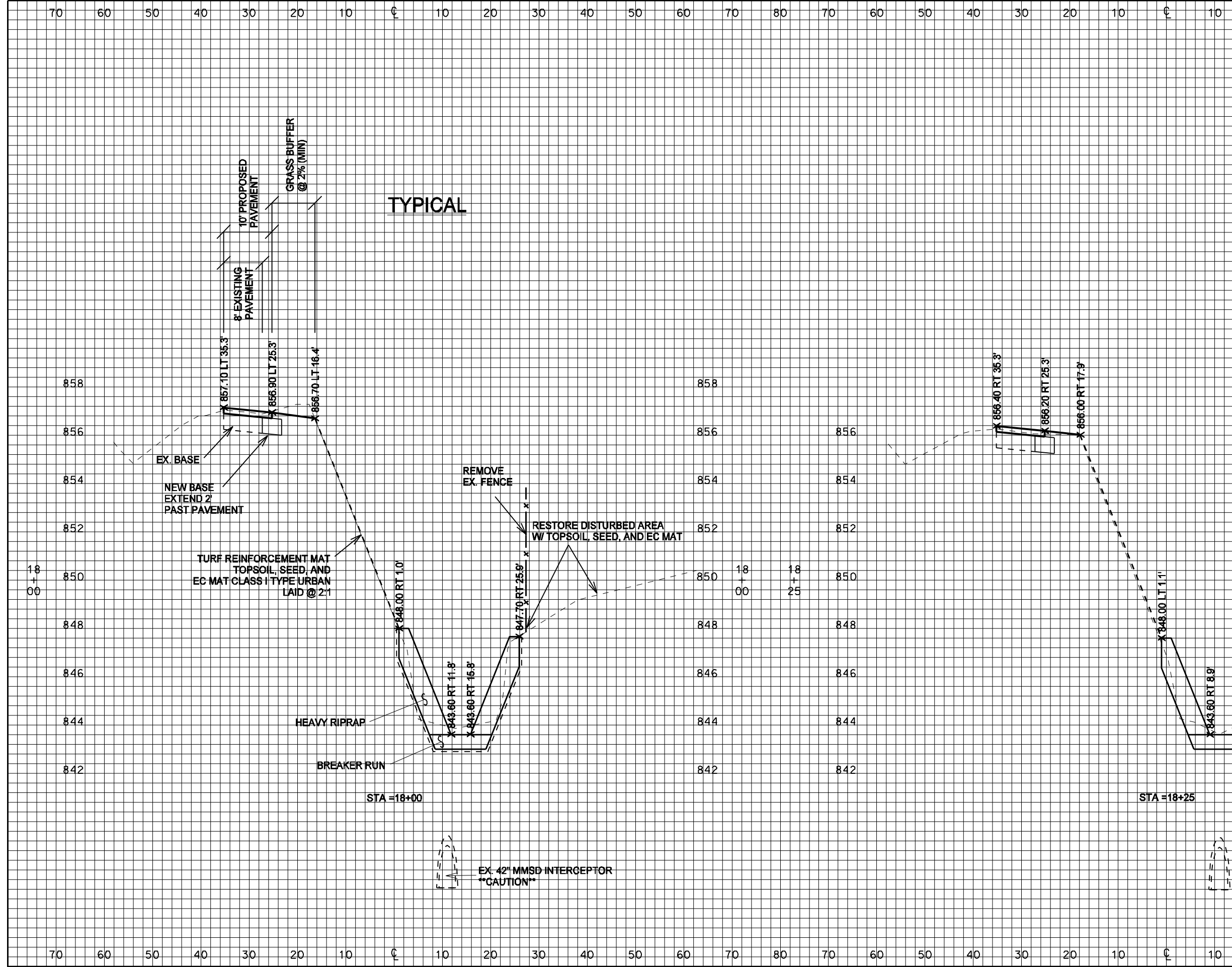
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### TYPICAL



REV. DATE: PLOT NAME: PLOT SCALE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



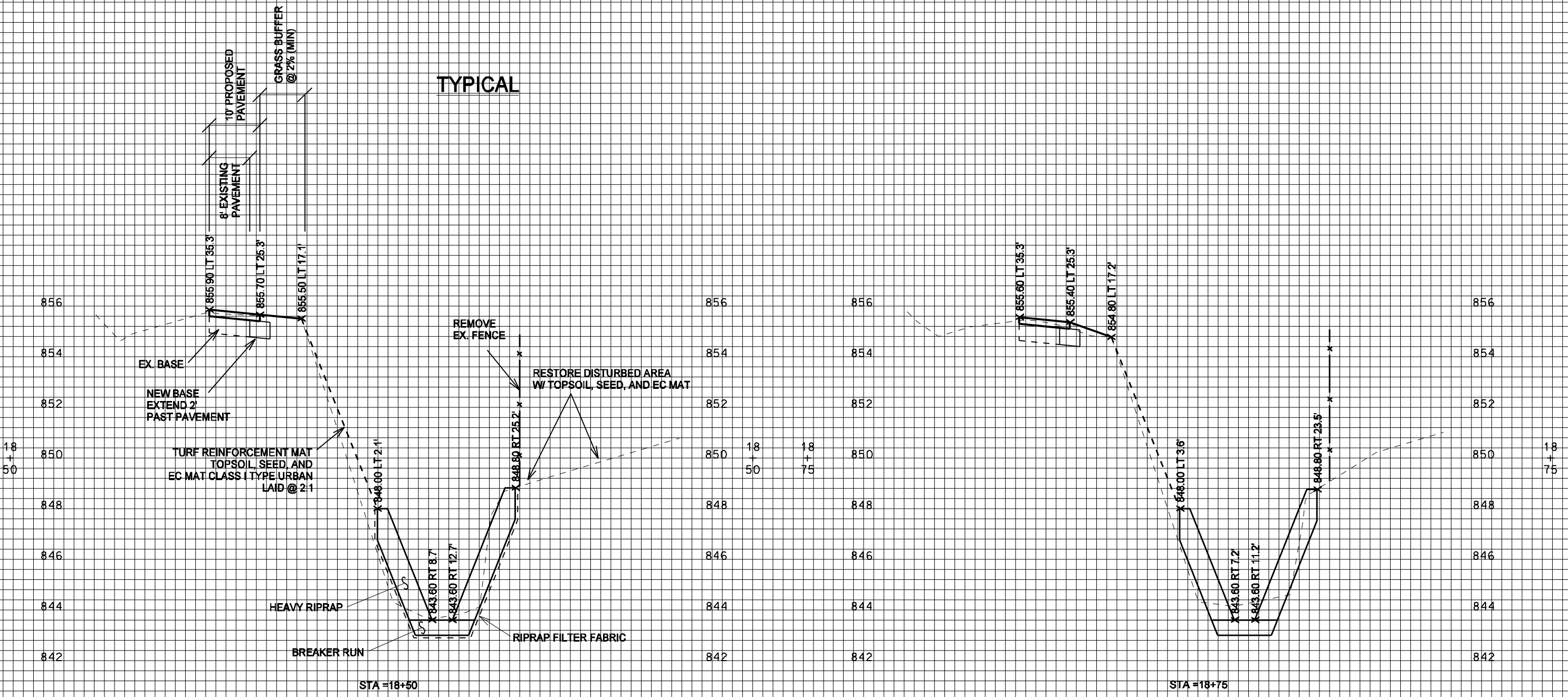
TYPICAL

REV. DATE: PLOT SCALE: PLOT NAME:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

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### TYPICAL



REV. DATE: PLOT NAME: PLOT SCALE:

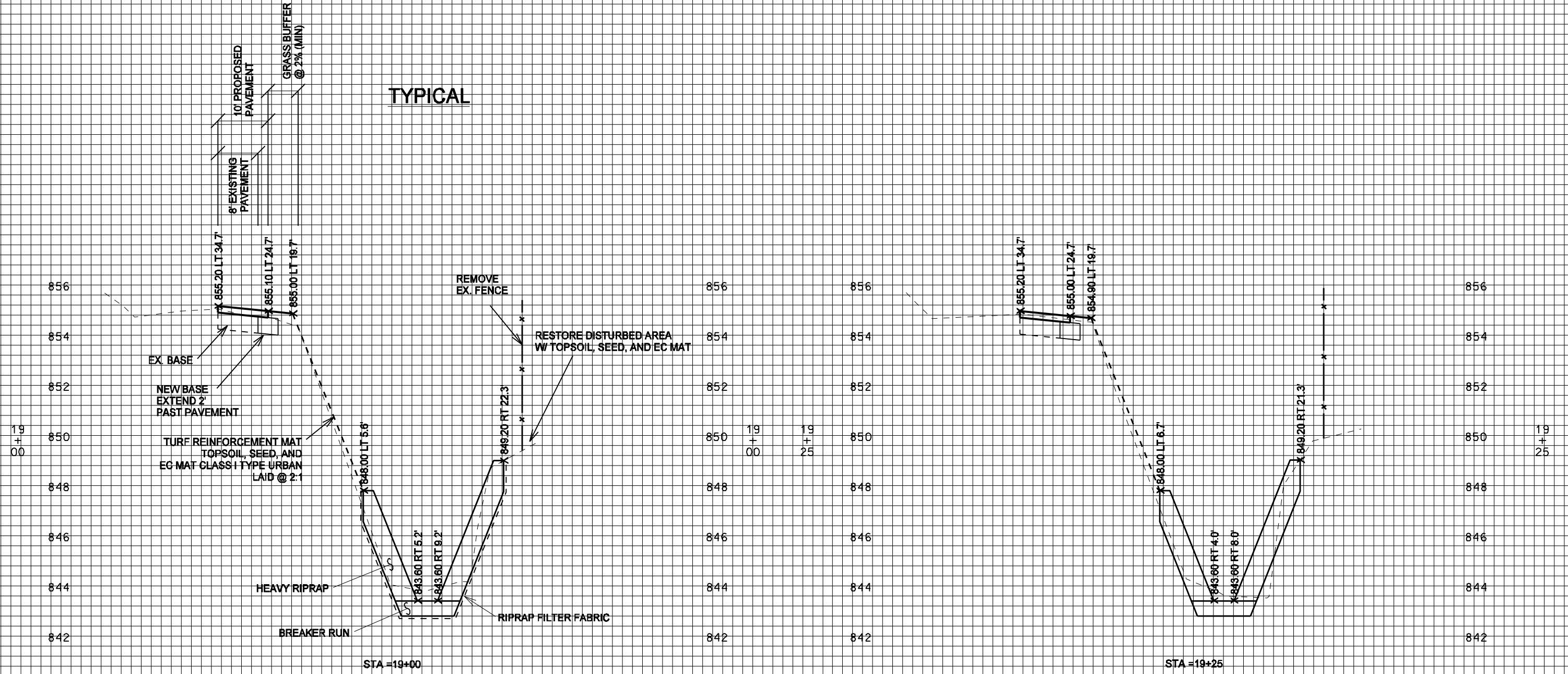
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

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OLBRICH DRAINAGE DITCH STABILIZATION PROJECT NO. 53W0945 SHEET NO. X-13  
CROSS SECTIONS  
OLBRICH DITCH CITY OF MADISON  
20 30 40 50 60 70

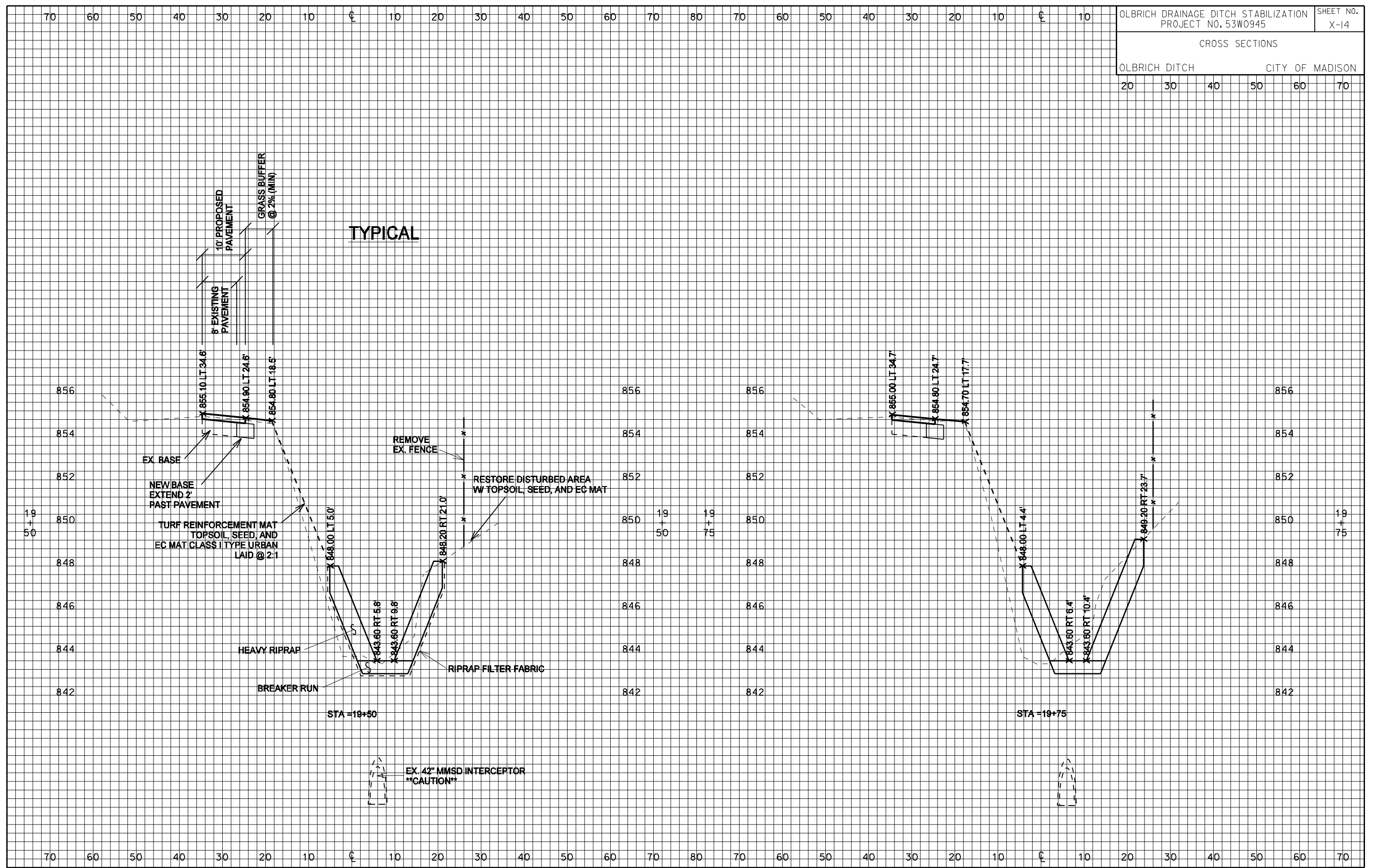
REV. DATE: PLOT NAME: PLOT SCALE:

TYPICAL



ORIGINATOR: CITY OF MADISON, STREETS DIVISION

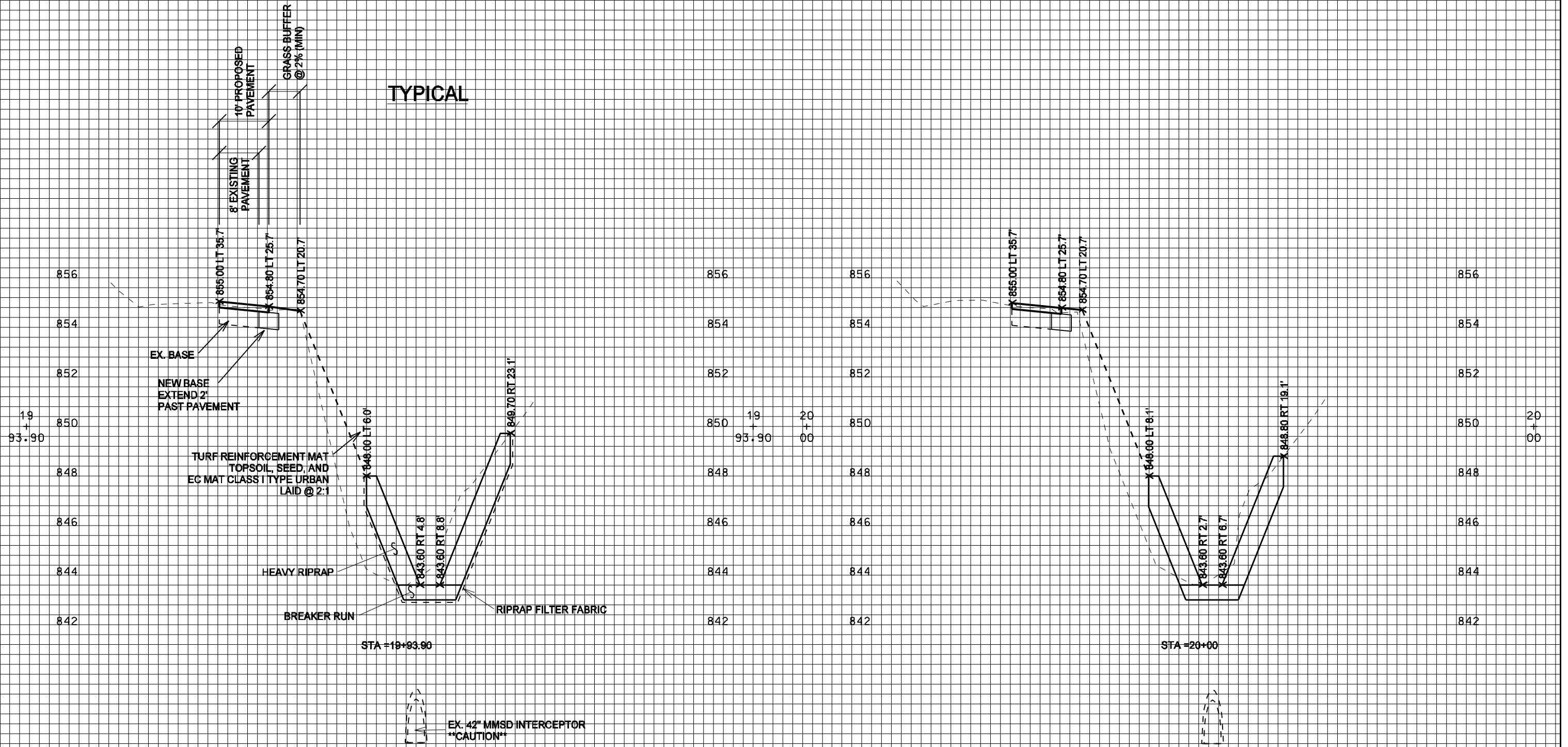
REV. DATE: PLOT NAME: PLOT SCALE:



OLBRICH DRAINAGE DITCH STABILIZATION PROJECT NO. 53W0945		SHEET NO. X-14	
CROSS SECTIONS			
OLBRICH DITCH		CITY OF MADISON	
20	30	40	50
60	70		

70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 70 60 50 40 30 20 10 0 10

### TYPICAL



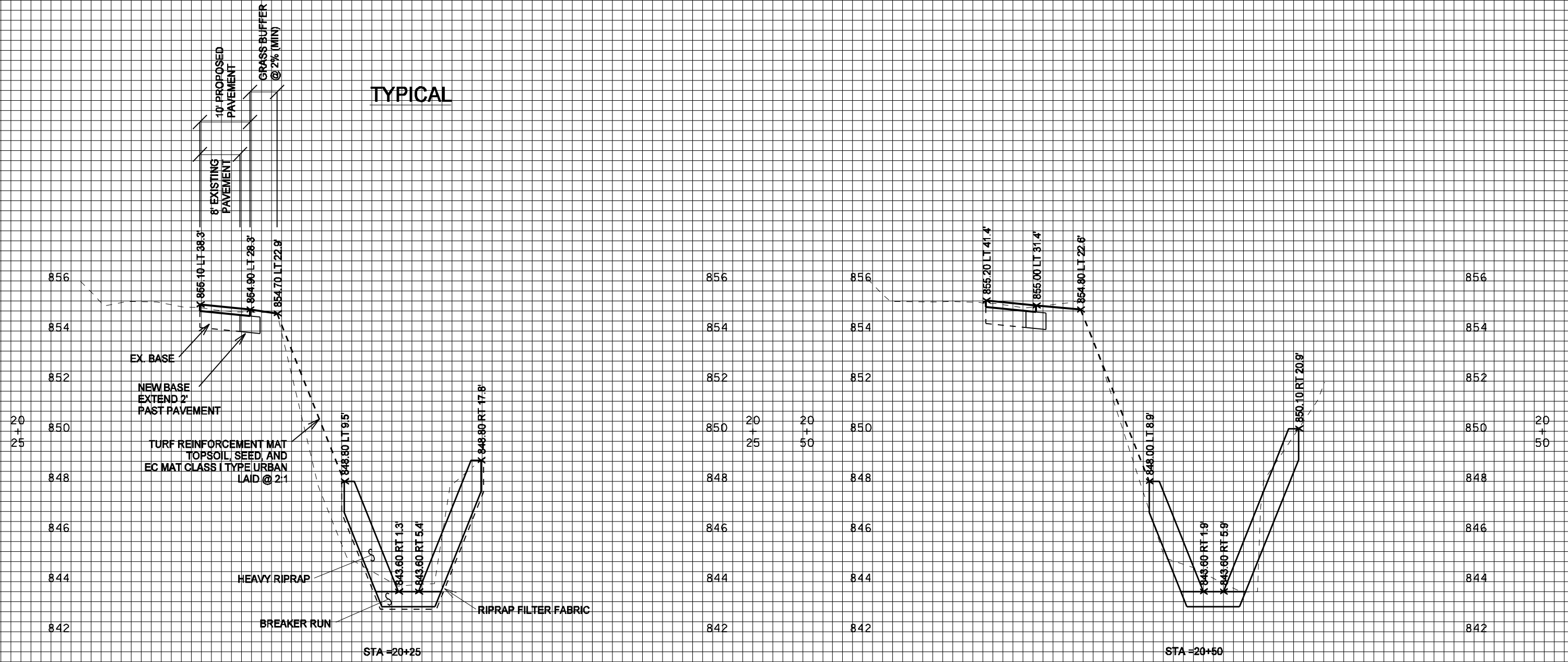
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ORIGINATOR: CITY OF MADISON, STREETS DIVISION

70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70

REV. DATE: PLOT NAME: PLOT SCALE:

### TYPICAL



EX. 42" MMSD INTERCEPTOR  
\*\*CAUTION\*\*

70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70



ORIGINATOR: CITY OF MADISON, STREETS DIVISION

REV. DATE: PLOT NAME: PLOT SCALE:

