

ROANE COUNTY, TN.

EMORY GAP REVITALIZATION

HUD GRANT NO. B-81-DN-47-0051

SEWER LINE IMPROVEMENTS

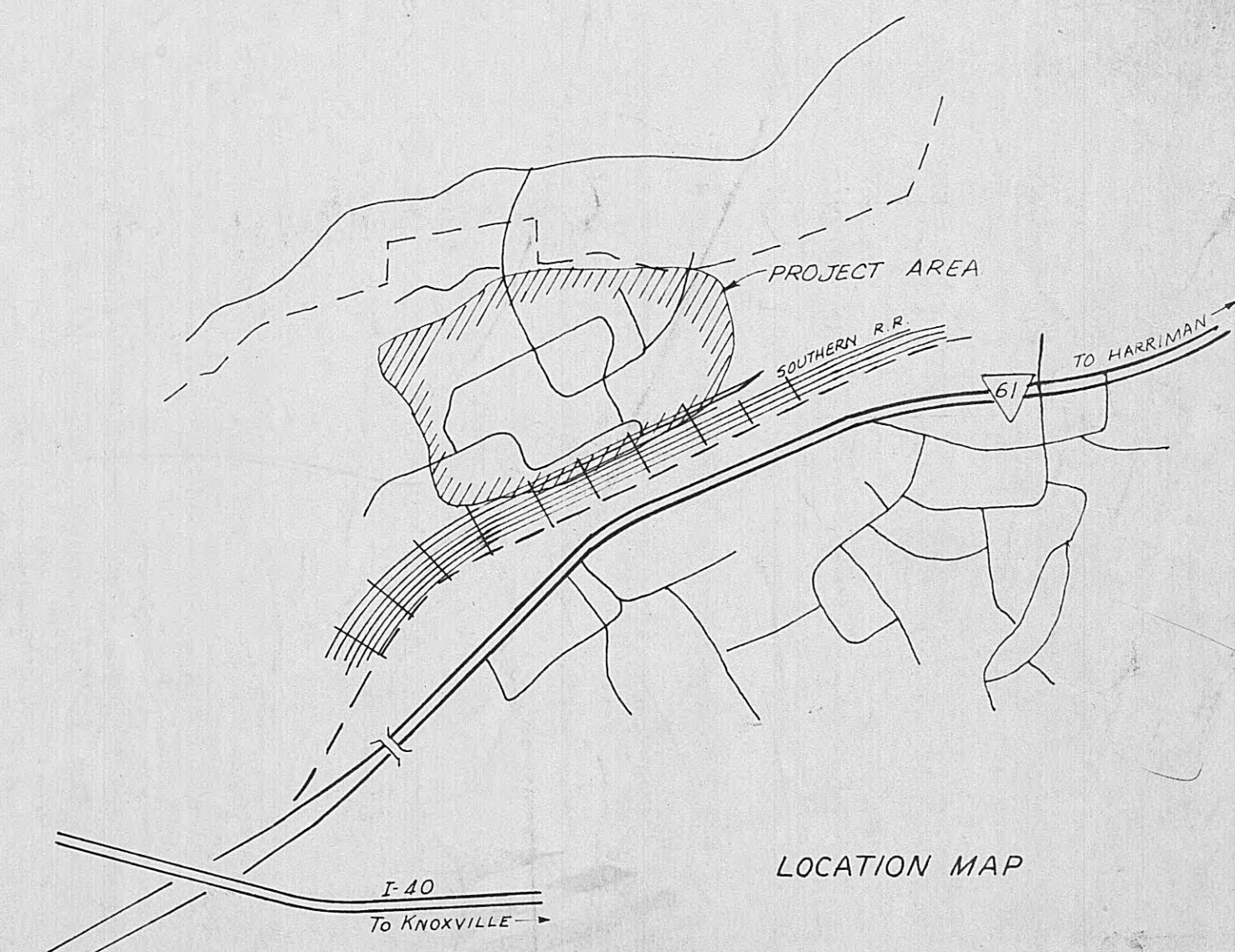
WATER LINE IMPROVEMENTS

STREET IMPROVEMENTS

WAYNE L. SMITH & ASSOC. ENGINEERS
KNOXVILLE, TN.

INDEX OF DRAWINGS

SHEET NO.	TITLE
1-2	DETAILS
3-6	SANITARY SEWER - WATER (TUNNEL)
7-10	ROADS
11-19	CROSS SECTIONS



1982

Set # 22

PROFILE		BY	DATE
SURVEYED			
PLOTTED			
GRADES CHECKED			
B. M. NOTED			
STRUCTURE NOTATIONS CH'KD.			
NO.			

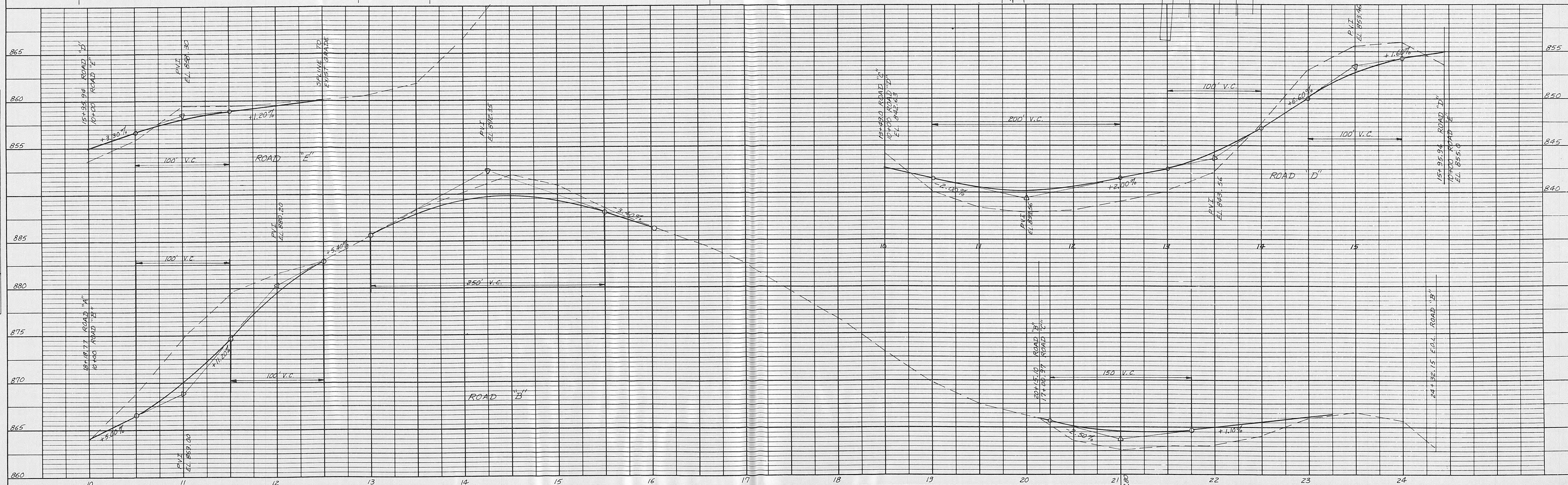
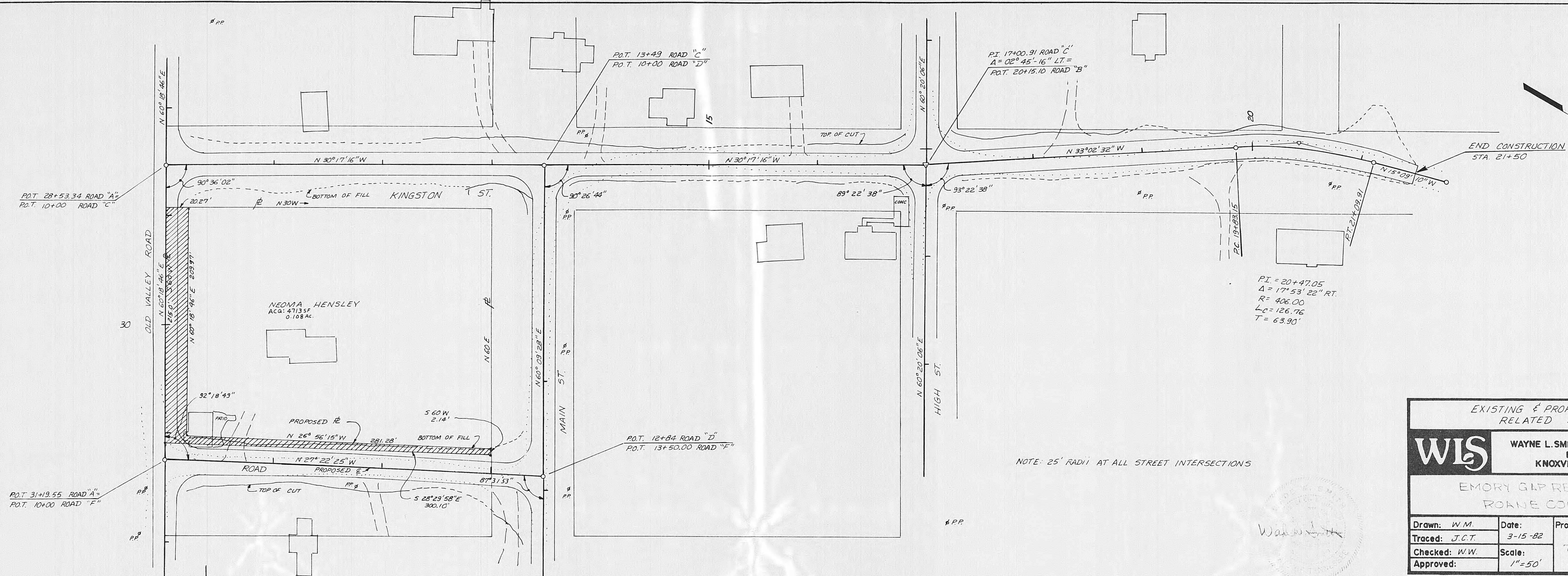


PLATE 1 PLAN-PROFILE O. P. R. & R. E. STANDARD
100% RAG AGEPROOF VELLUM—MADE AND PRINTED IN U. S. A.
EUGENE DIETZGEN CO.

PLAN	DATE
SURVEYED	BY
PLOTTED	BY
NOTE BOOK	BY
NO.	NO.

PROFILE	DATE
SURVEYED	BY
PLOTTED	BY
NOTE BOOK	BY
NO.	NO.

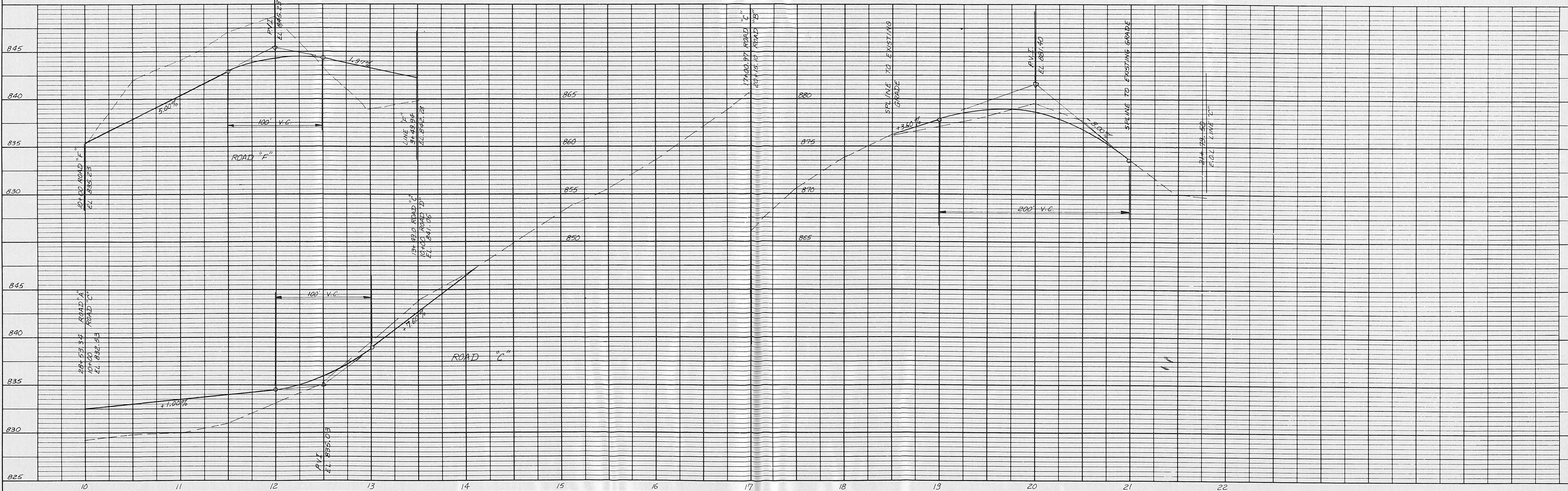


EXISTING & PROPOSED ROADS
RELATED UTILITIES

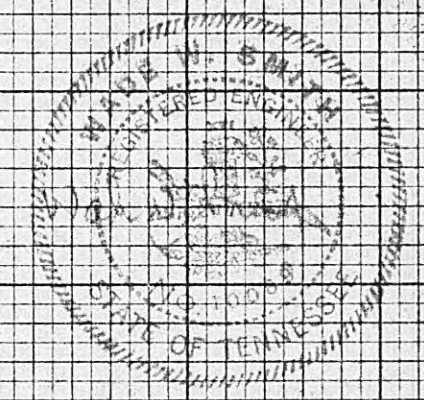
WLS WAYNE L. SMITH & ASSOCIATES, INC.
ENGINEERS
KNOXVILLE, TENNESSEE

EMORY GAP REVITALIZATION
ROANE COUNTY, TENN.

Drawn: W.M.	Date: 3-15-82	Project No. 7210	Plate No. 322	Sheet No. 10 of 13
Traced: J.C.T.	Scale: 1"=50'			
Checked: W.W.				
Approved:				



WAYNE L. SMITH & ASSOCIATES, INC. KNOXVILLE, TENNESSEE ENGINEERS			
CROSS SECTIONS EXHIBIT GAP REINFORCEMENT ROADWAY CONSTRUCTION			
DRAWN	WM	DATE	3-15-82
TRACED	JT	SCALE	1" = 10'
CHECKED	WM	DRAWING NO.	7210-332
APPROVED			



SEE DETAILS SHEET 1
FOR EXTRUDED CONC CURB

FINAL SURVEY NOTE BOOK NO.	SURVEYED	DATE
	PLOTTED	BY
	TEMPLATE	
	AREAS CHECKED	

ORIGINAL SURVEY NOTE BOOK NO.	SURVEYED	DATE
	PLOTTED	BY
	TEMPLATE	
	AREAS CHECKED	

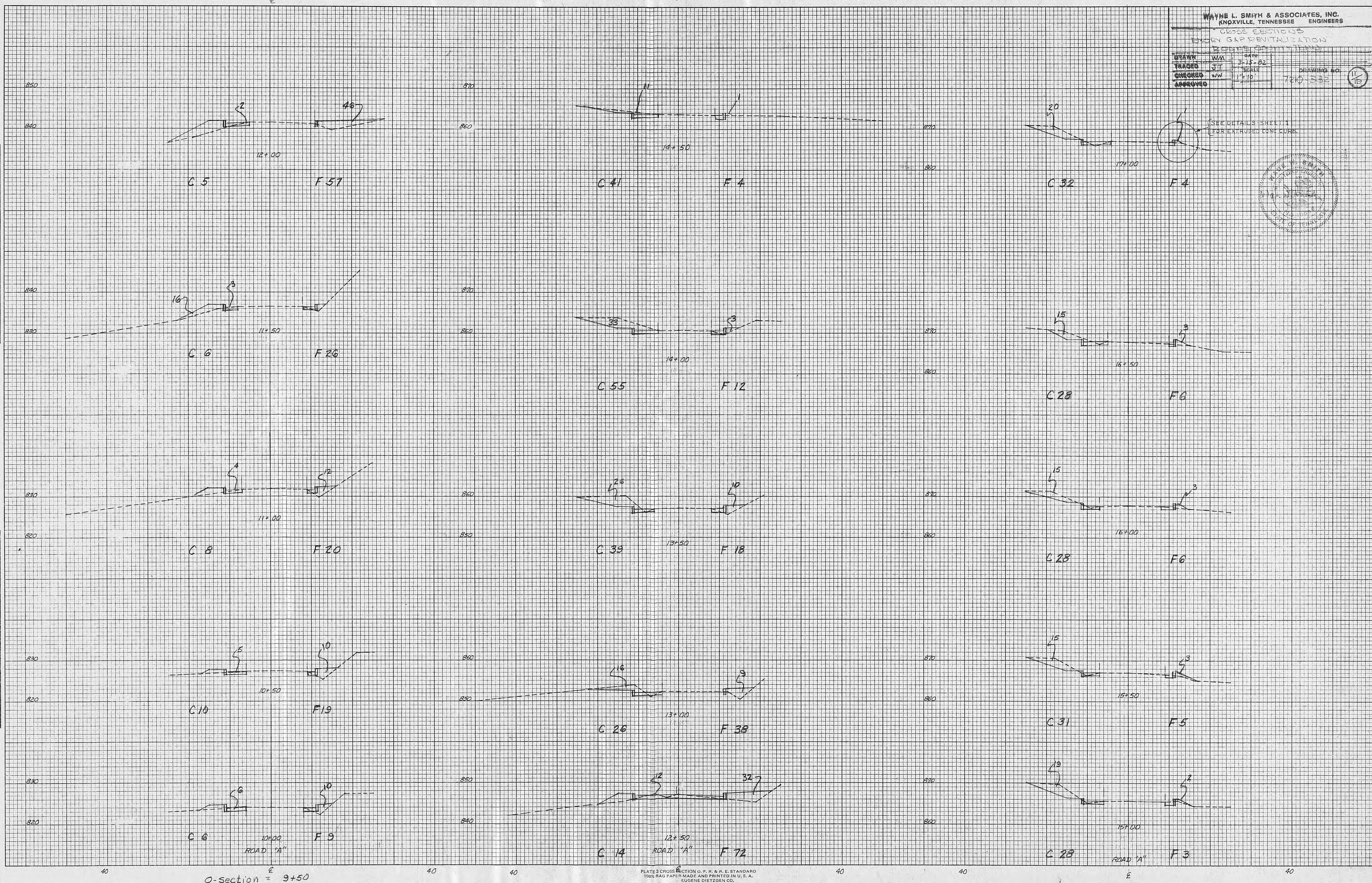
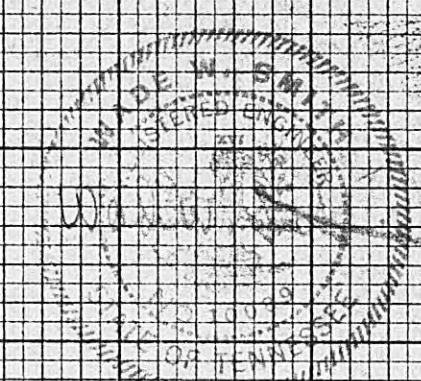


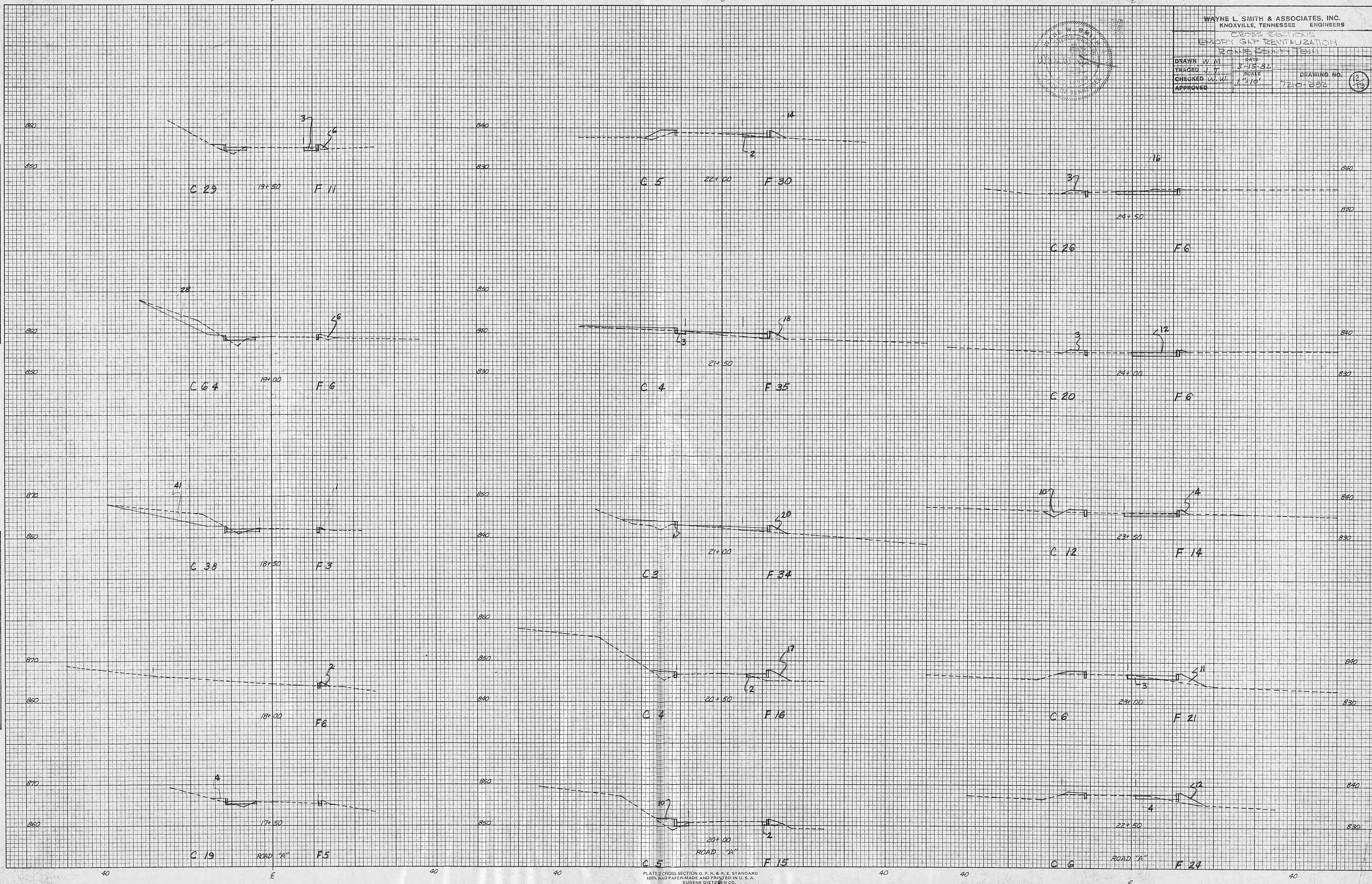
PLATE 3 CROSS SECTION O. P. R. & R. E. STANDARD
100% RAG PAPER MADE AND PRINTED IN U. S. A.
EUGENE DIETZGEN CO.

FINAL SURVEY	DATE
	BY
ORIGINAL SURVEY	DATE
	BY
NOTE BOOK	NO.
	NO.
SURVEYED PLOTTER	DATE
	BY
AREAS CHECKED	DATE
	BY

ORIGINAL SURVEY	DATE
	BY
NOTE BOOK	NO.
	NO.
SURVEYED PLOTTER	DATE
	BY
AREAS CHECKED	DATE
	BY



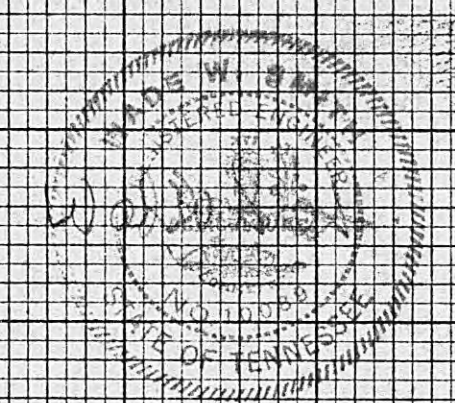
WAYNE L. SMITH & ASSOCIATES, INC. KNOXVILLE, TENNESSEE ENGINEERS	
CROSS SECTIONS EMORY GAP REVITALIZATION ROANE COUNTY, TENN.	
DRAWN W. M.	DATE 3-19-82
TRACED J. T.	SCALE 1"=10'
CHECKED W. W.	DRAWING NO. 7210-252
APPROVED	(12/19)



WAYNE L. SMITH & ASSOCIATES, INC.
KNOXVILLE, TENNESSEE ENGINEERS

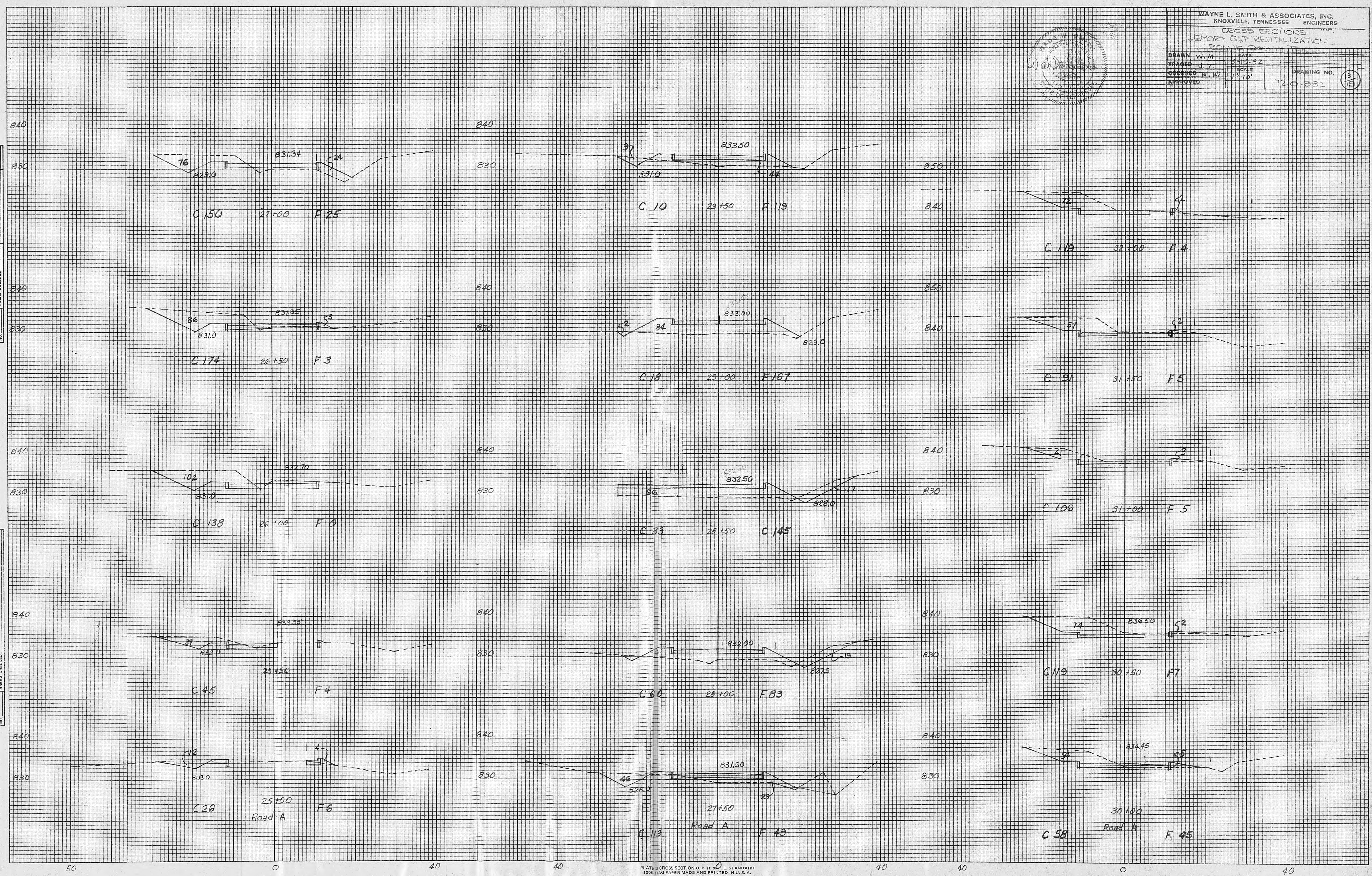
CROSS SECTIONS
EMORY GAP REVITALIZATION

DRAWN	W. M.	DATE	5-13-82
TRACED	U. T.	SCALE	1"=10'
CHECKED	W. M.	DRAWING NO.	720-882
APPROVED			(13)



DATE	
BY	
SURVEYED	
FINAL	
NO.	

DATE	
BY	
SURVEYED	
ORIGINAL	
NO.	



721

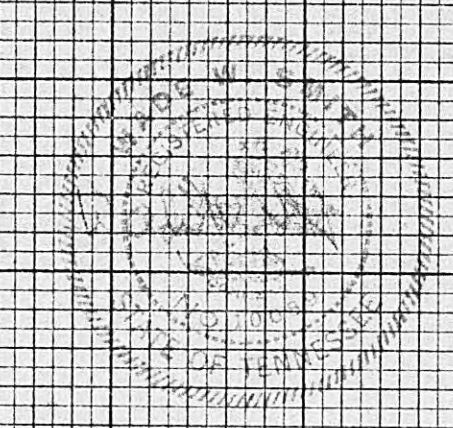


10425 F-82

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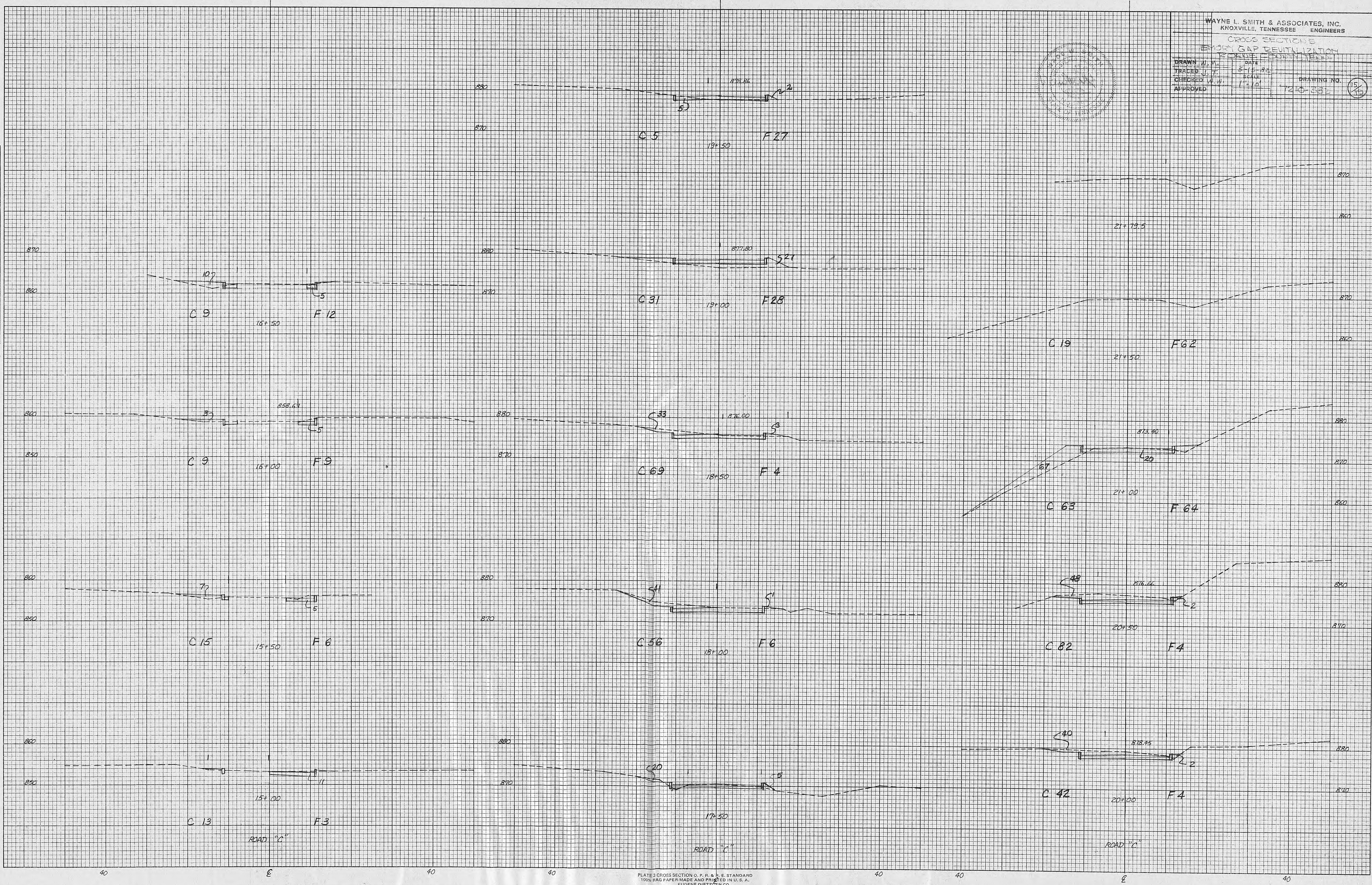
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WAYNE L. SMITH & ASSOCIATES, INC. KNOXVILLE, TENNESSEE ENGINEERS	
CROSS SECTIONS EMORY GAP REVITALIZATION ROANE COUNTY, TENNESSEE	
DRAWN W. W.	DATE 8-15-82
TRACED J. T.	SCALE 1"=10'
CHECKED W. W.	DRAWING NO. 7410-352
APPROVED	15/19



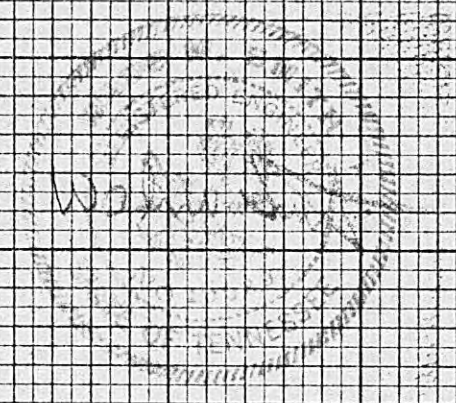
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NO.					

DATE	BY	SURVEYED	PLOTTED	TEMPLATE	AREAS CHECKED
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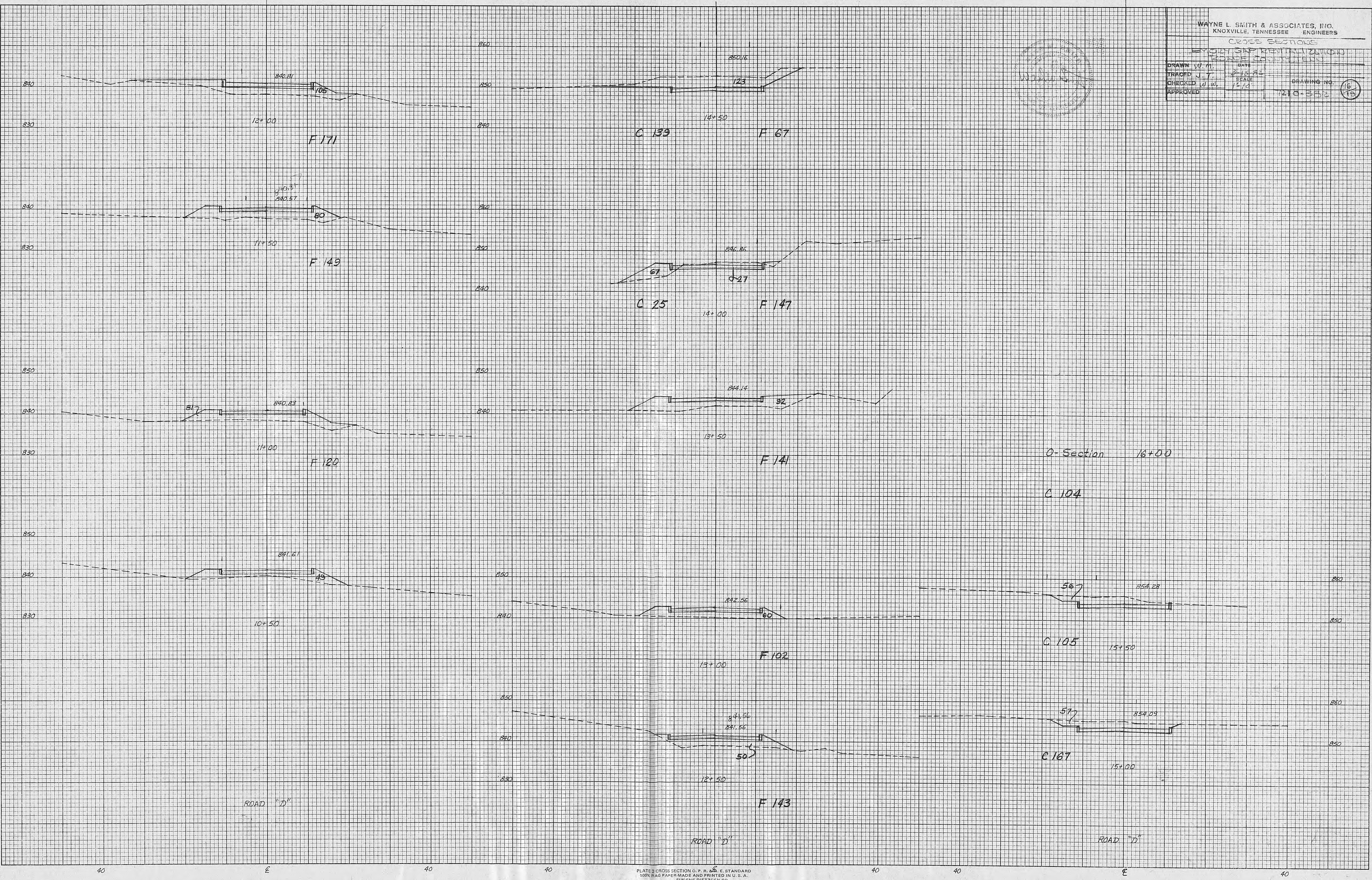
C 540 F 1540

WAYNE L. SMITH & ASSOCIATES, INC. KNOXVILLE, TENNESSEE ENGINEERS	
CROSS SECTIONS	
EYON GMP RENTALS, INC.	
ROADS, CONSTRUCTION	
DRAWN W. M.	DATE 2-15-82
TRACED J. T.	SCALE 1" = 10'
CHECKED W. M.	DRAWING NO. 16
APPROVED	7210-3512



FINAL SURVEY	DATE
NO. 1	
SURVEYED	BY
NOTE BOOK	
TEMPLATE	
AREAS	
CHECKED	

ORIGINAL SURVEY	DATE
NO. 1	
SURVEYED	BY
NOTE BOOK	
TEMPLATE	
AREAS	
CHECKED	



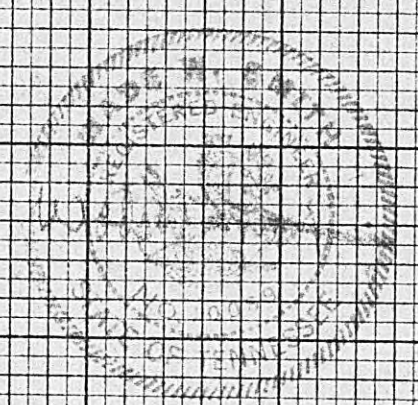
WAYNE L. SMITH & ASSOCIATES, INC.
KNOXVILLE, TENNESSEE ENGINEERS

CROSS SECTIONS

EMORY AIR REVITALIZATION
FLOOD CONTROL PLAN

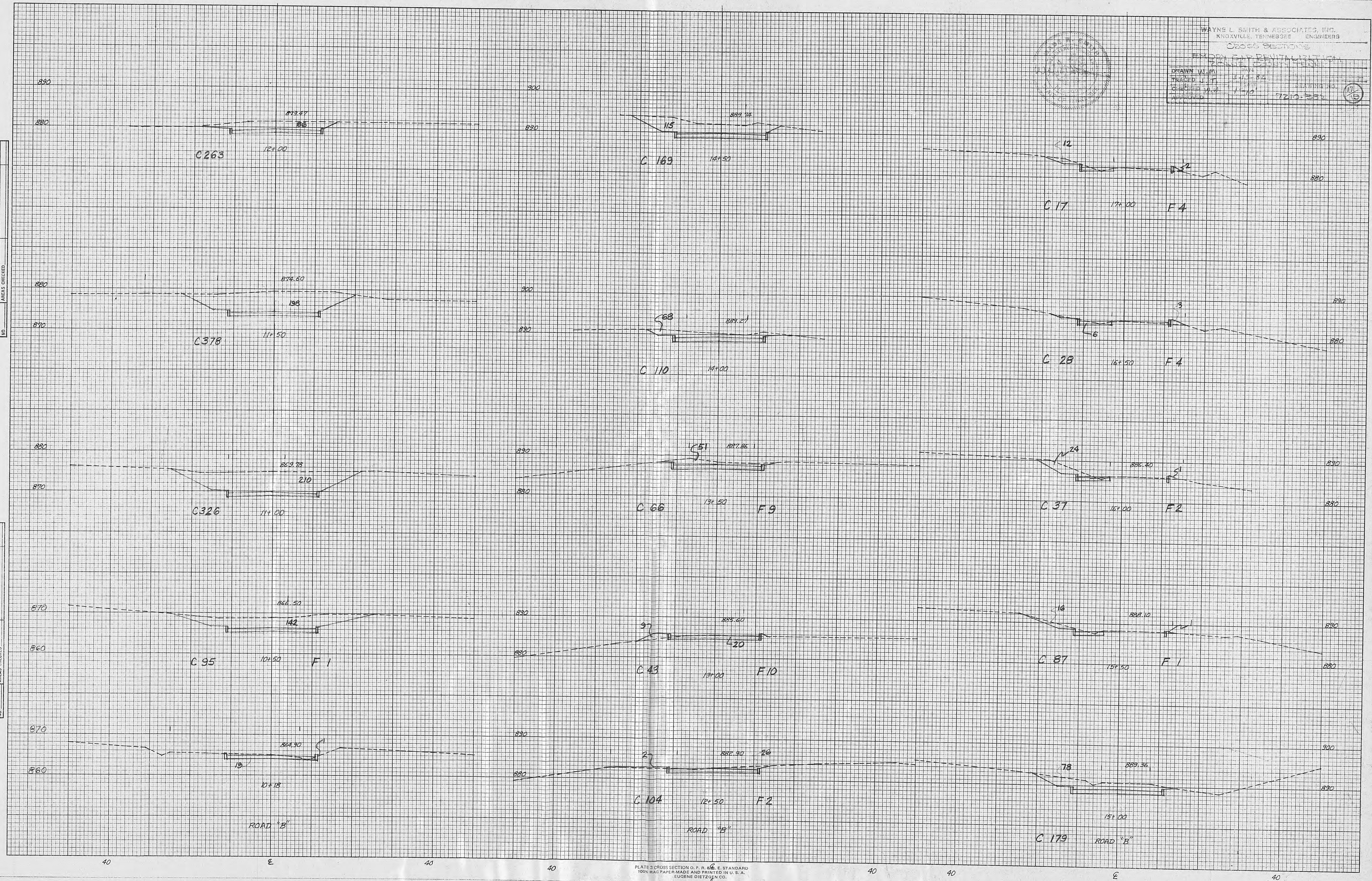
DRAWN BY J.M. 3.15.82
CHECKED BY J.M. 1.14.83
APPROVED 7210-334

171/15



FINAL SURVEY	DATE	
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SURVEY	SURVEYED	
	PLOTTED	
NOTE BOOK	REVISIONS	
	AREAS CHECKED	
NO.		

ORIGINAL SURVEY	DATE	
	BY	
SURVEY	SURVEYED	
	PLOTTED	
NOTE BOOK	REVISIONS	
	AREAS CHECKED	
NO.		



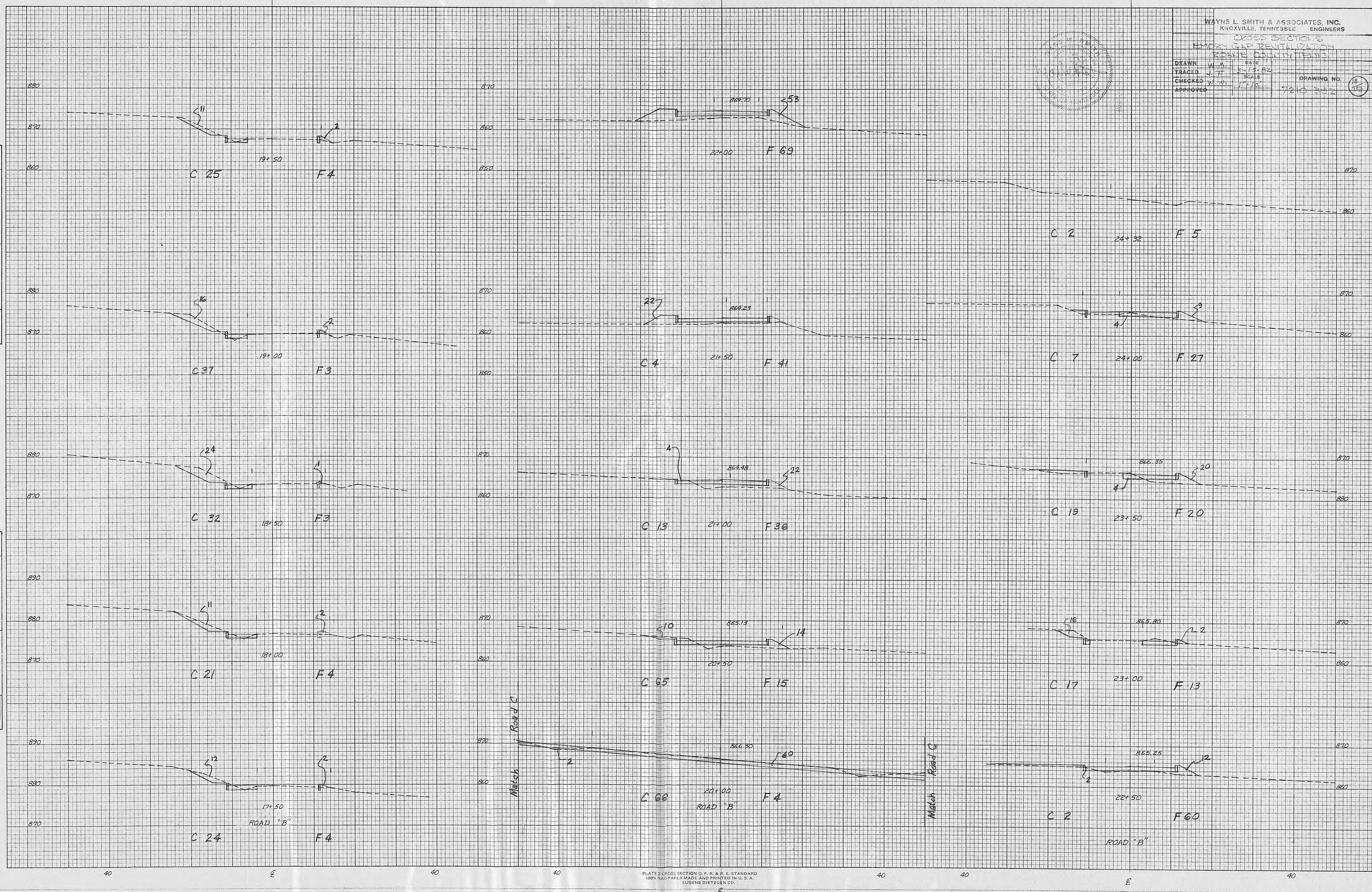
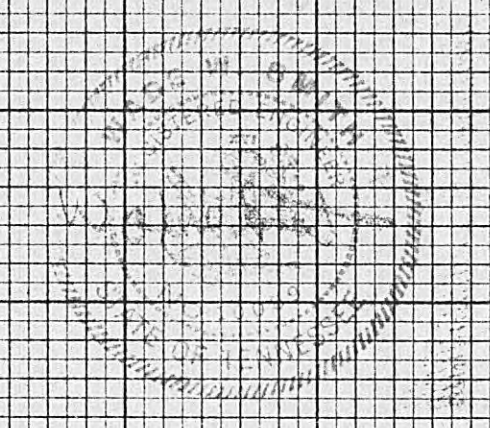
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FINAL SURVEY	NOTE BOOK	NO.		

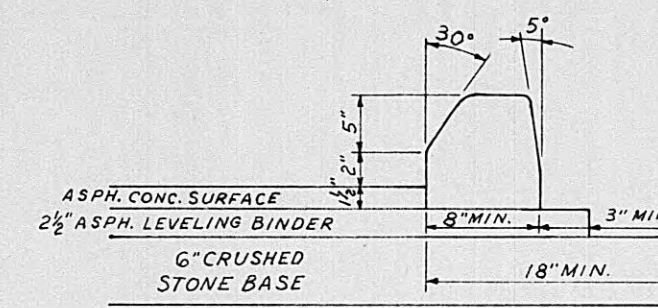
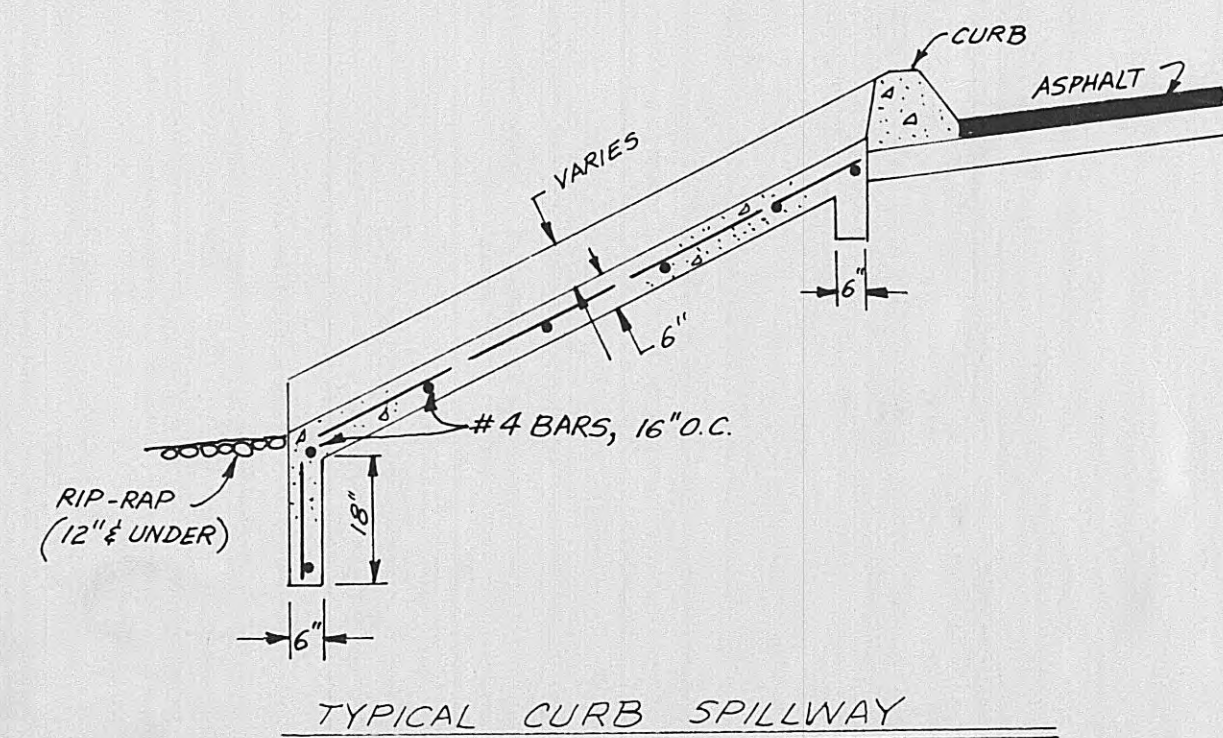
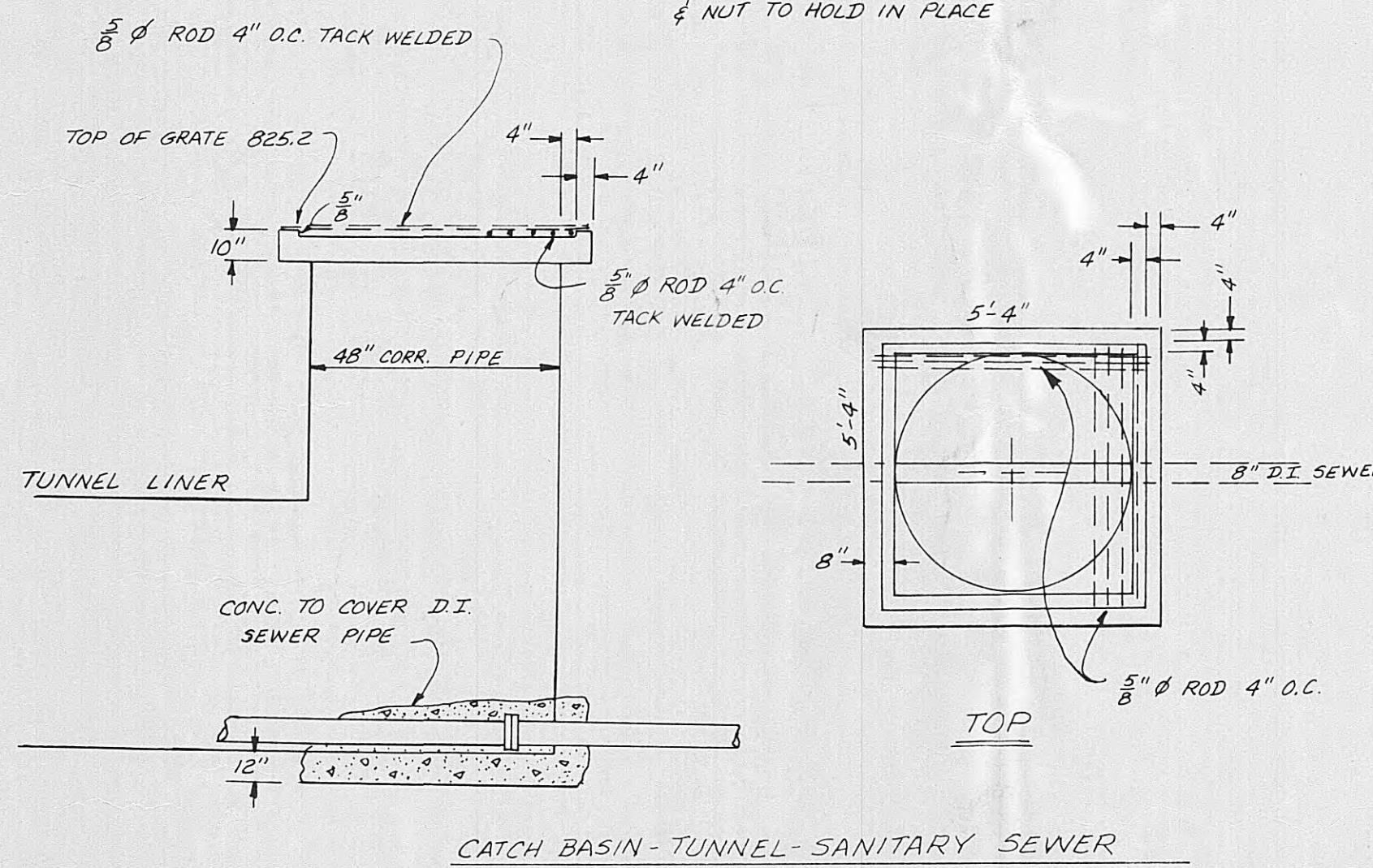
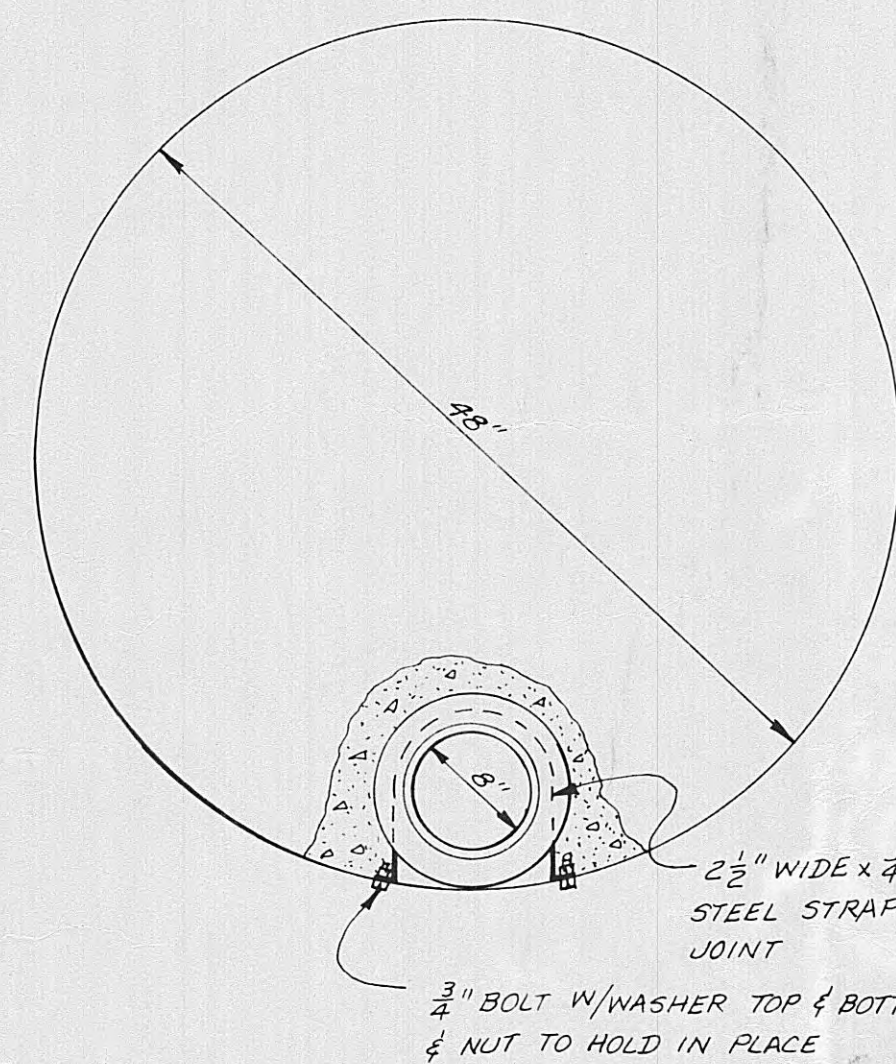
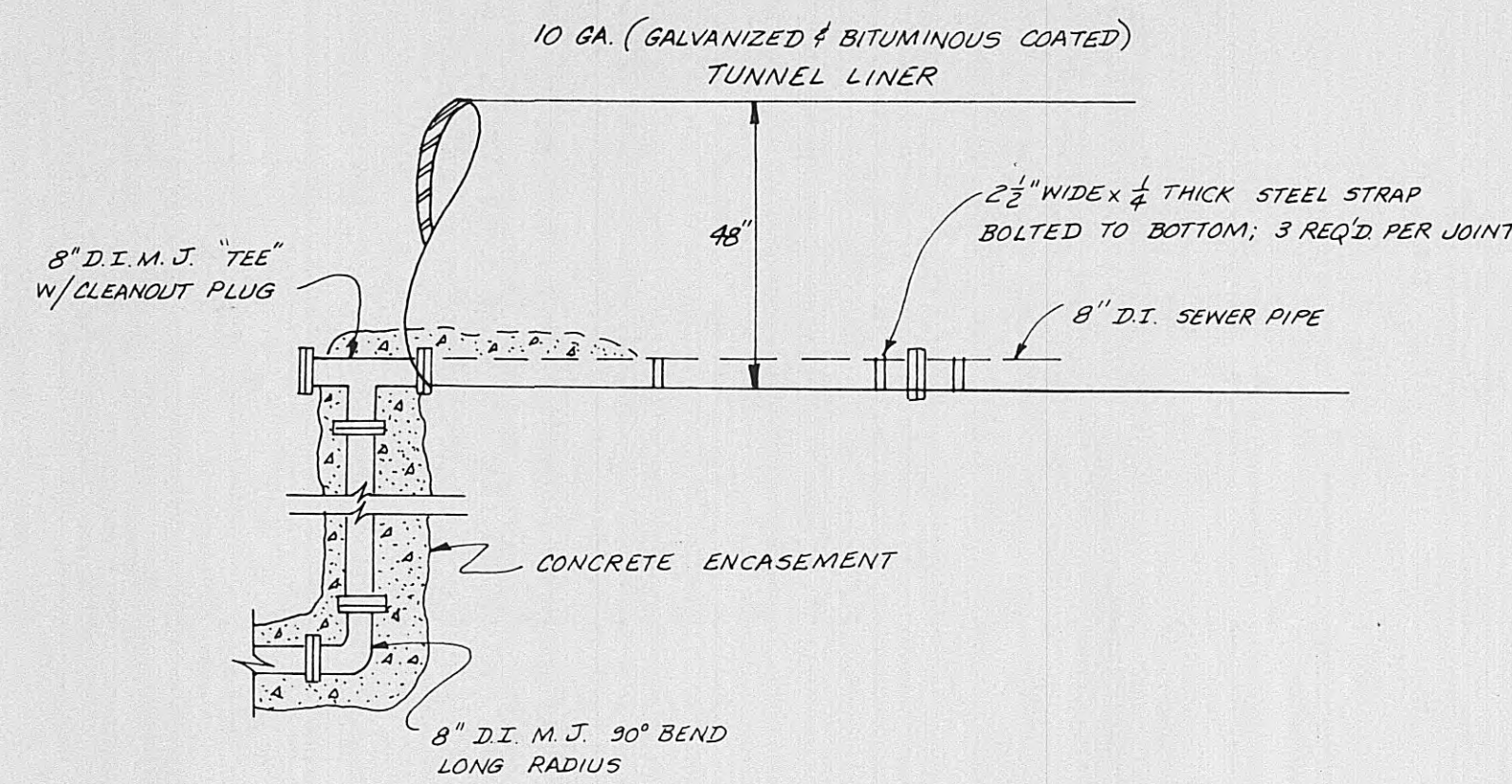
DATE	BY	REVISIONS	PLATE	AREAS CHECKED
ORIGINAL SURVEY	NOTE BOOK	NO.		

WAYNE L. SMITH & ASSOCIATES, INC.
KNOXVILLE, TENNESSEE ENGINEERS

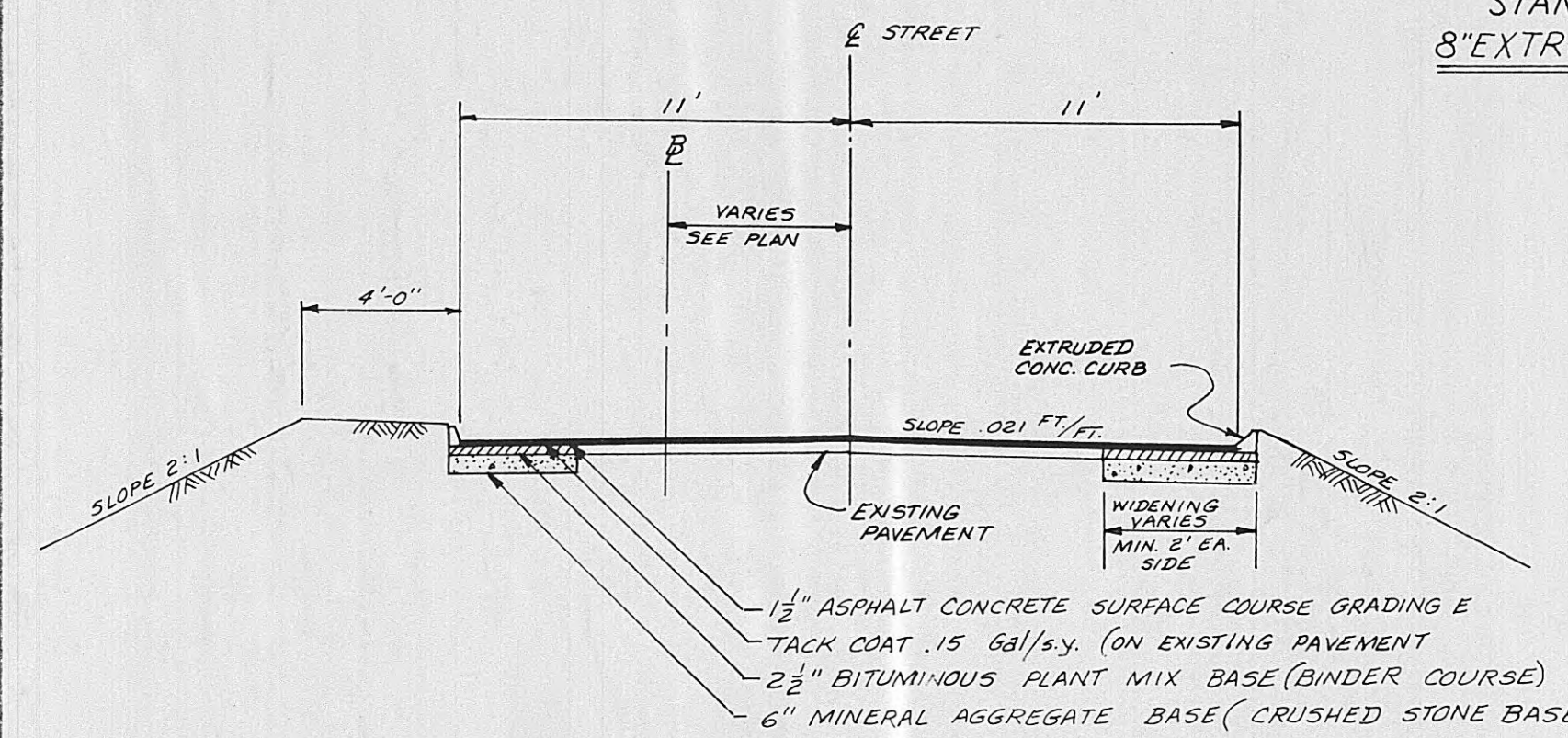
CROSS SECTIONS
EMORY GAP RENTALIZATION
KNOX COUNTY, TENN.

DRAWN	W. A.	DATE	8-15-82	DRAWING NO.	7210-352
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CHECKED	W. A.				
APPROVED					

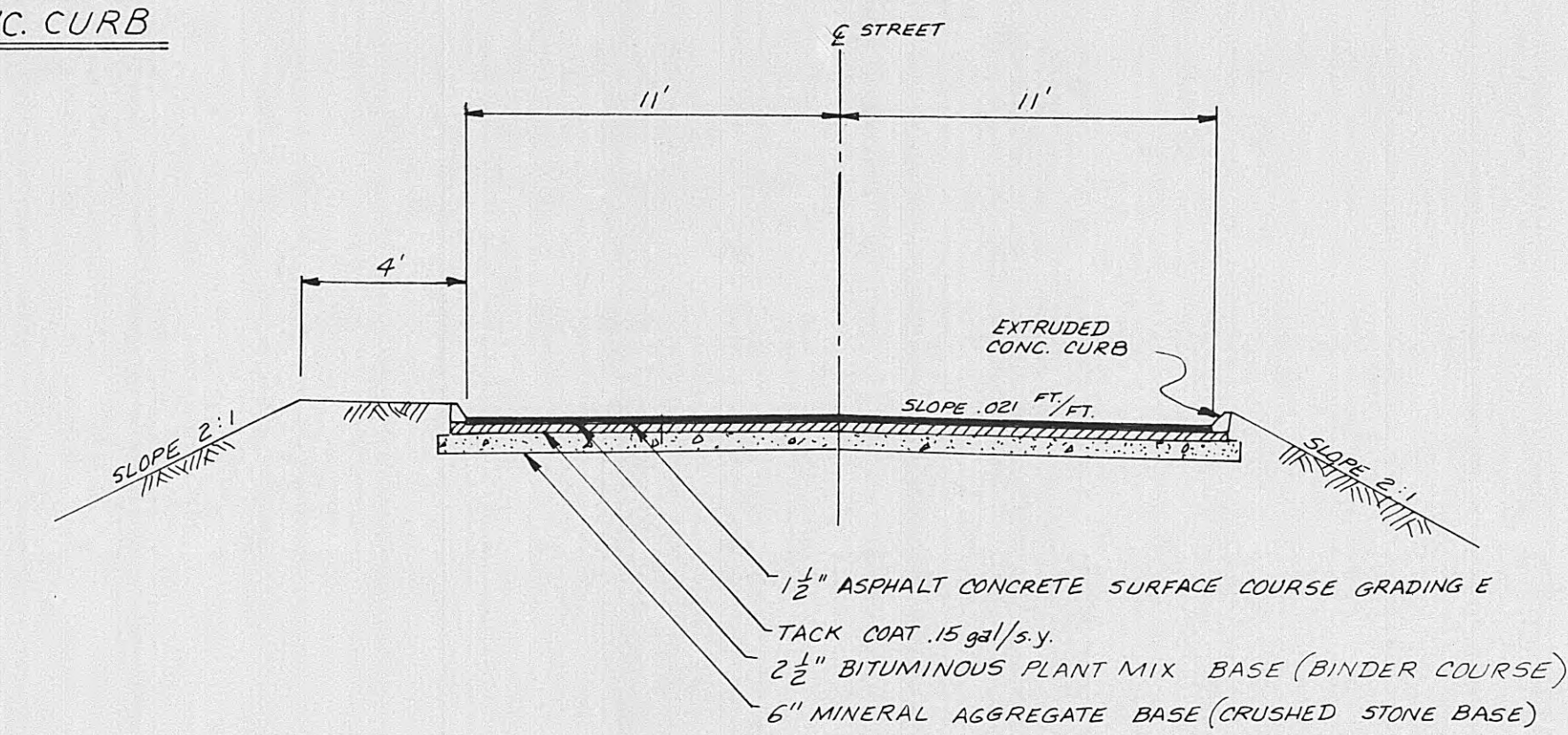




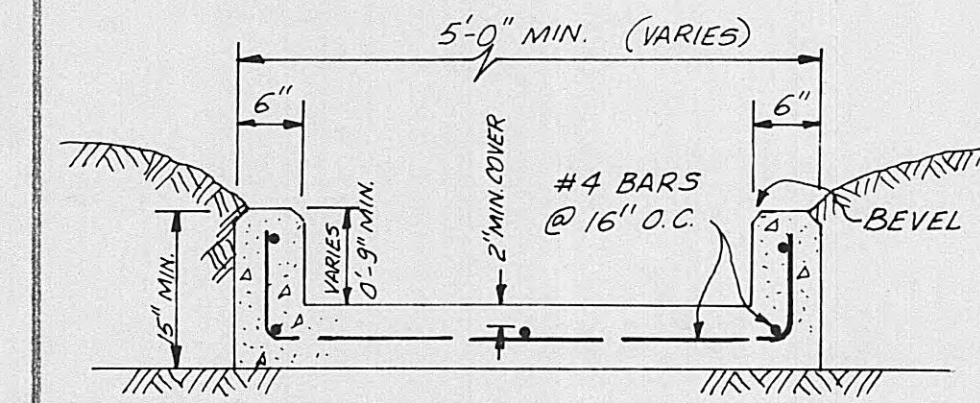
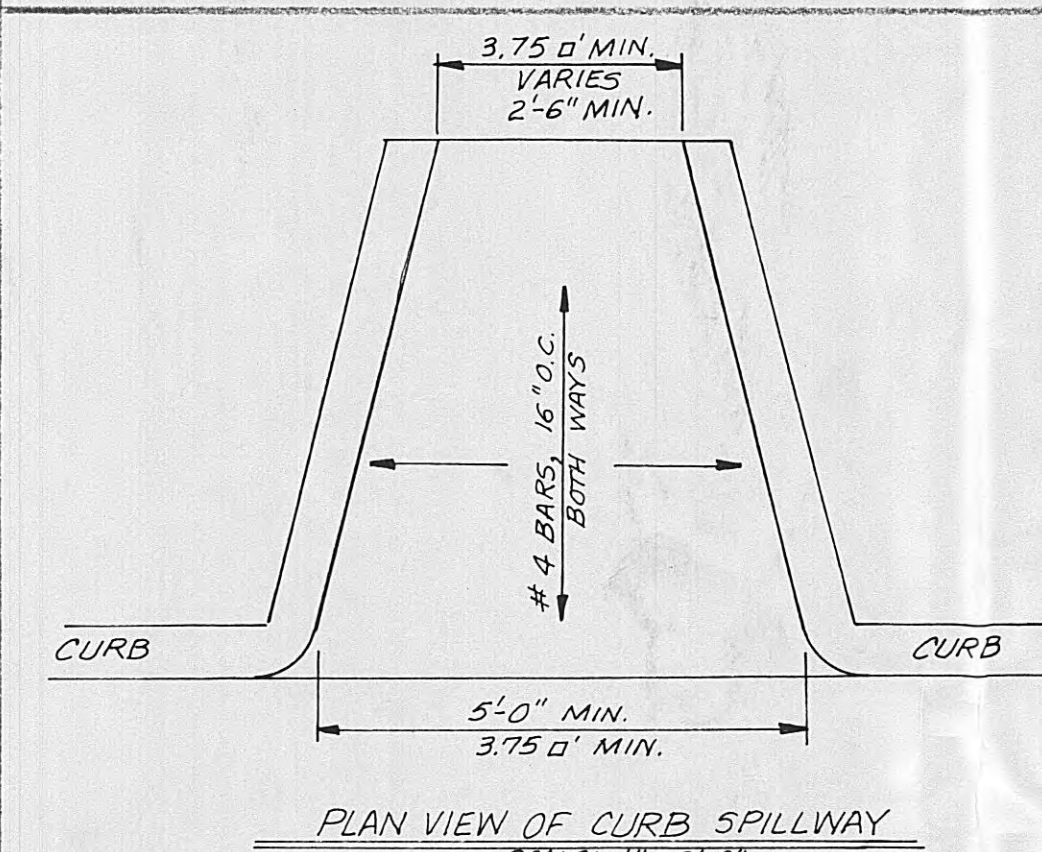
STANDARD DETAIL FOR
8" EXTRUDED CONC. CURB
Not To Scale



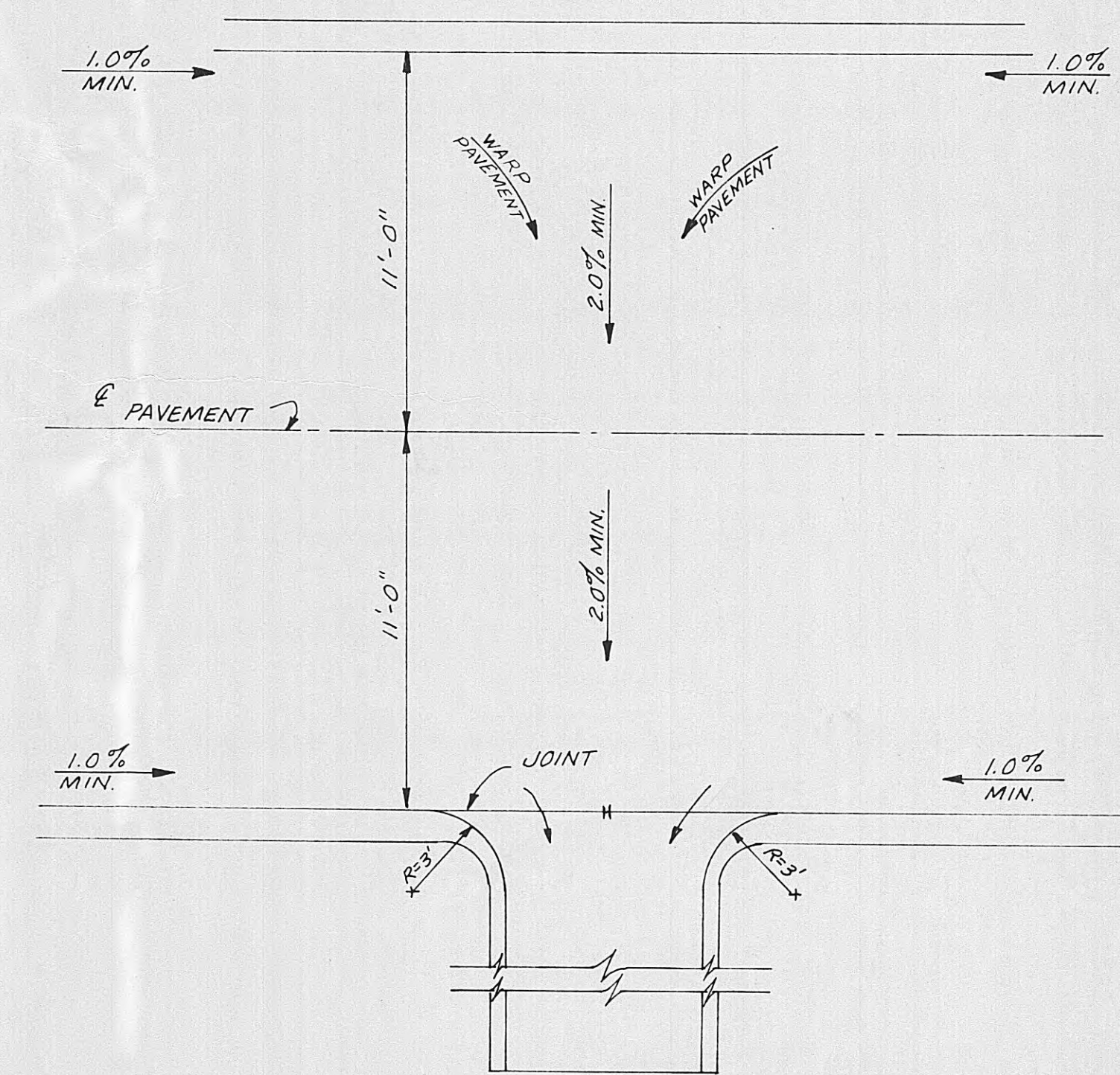
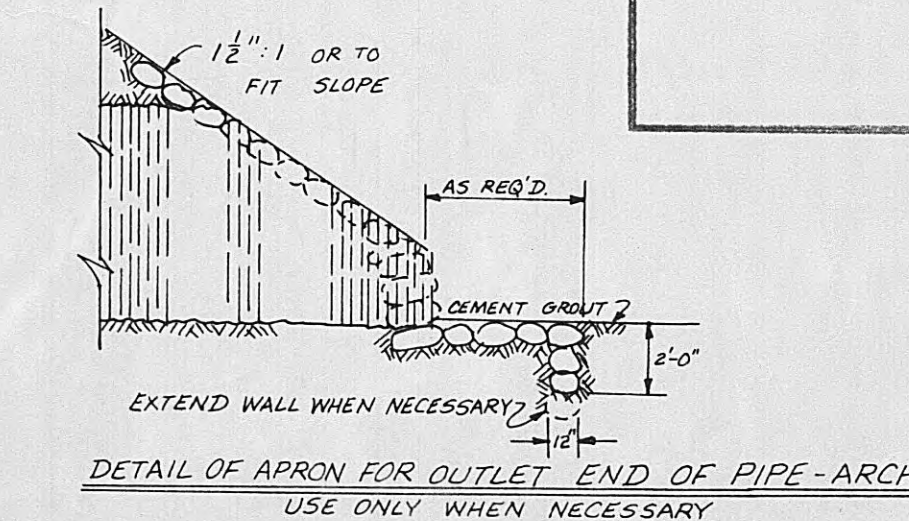
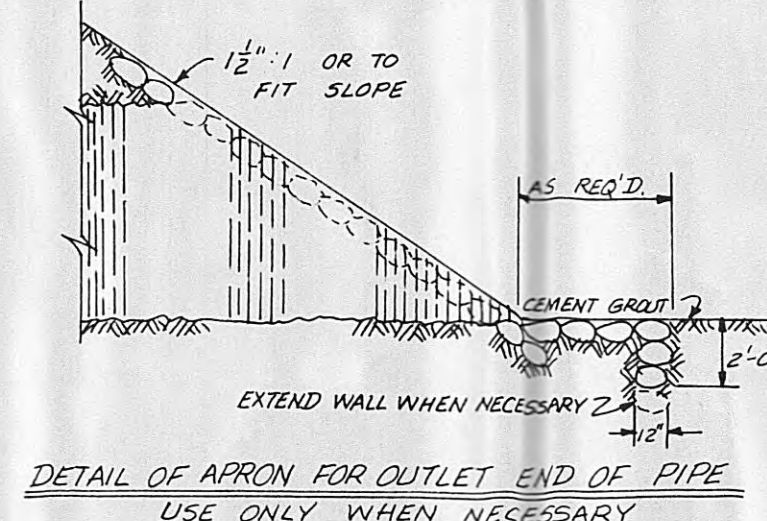
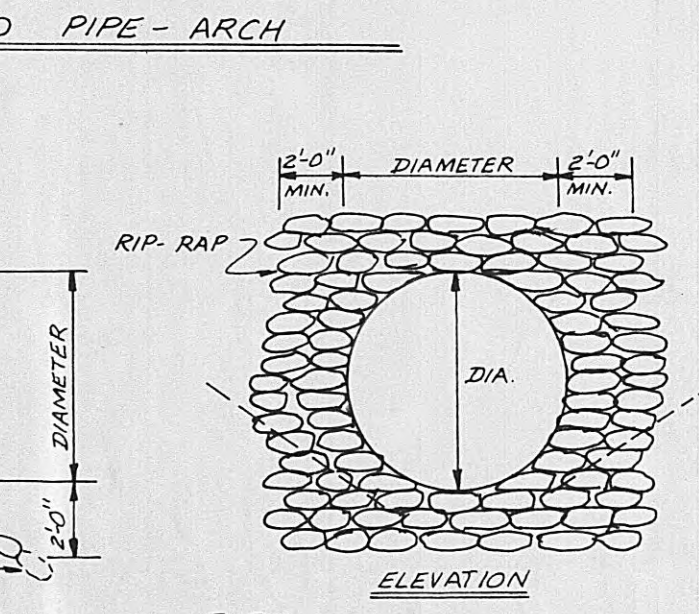
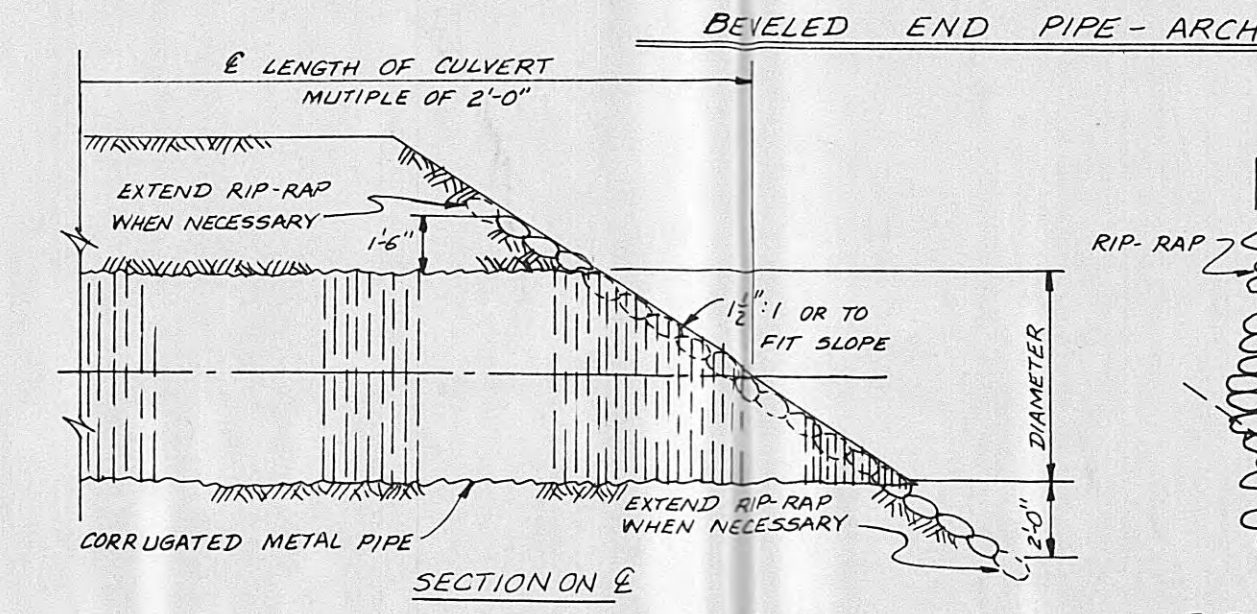
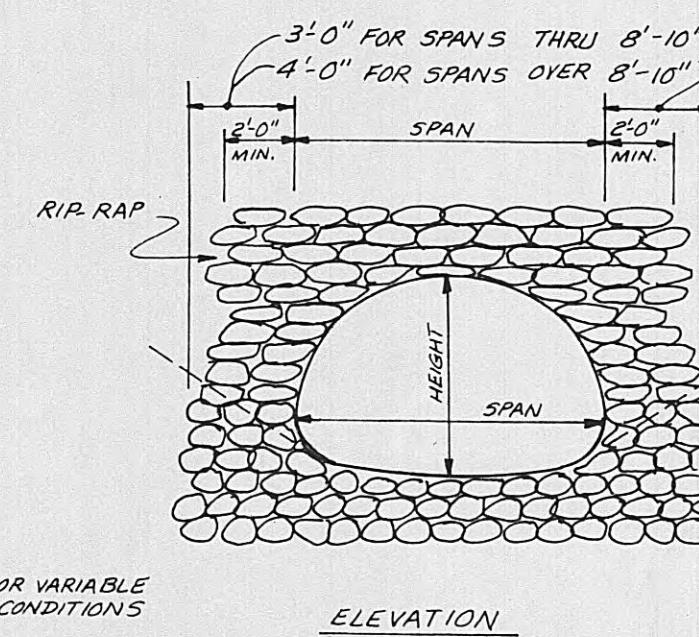
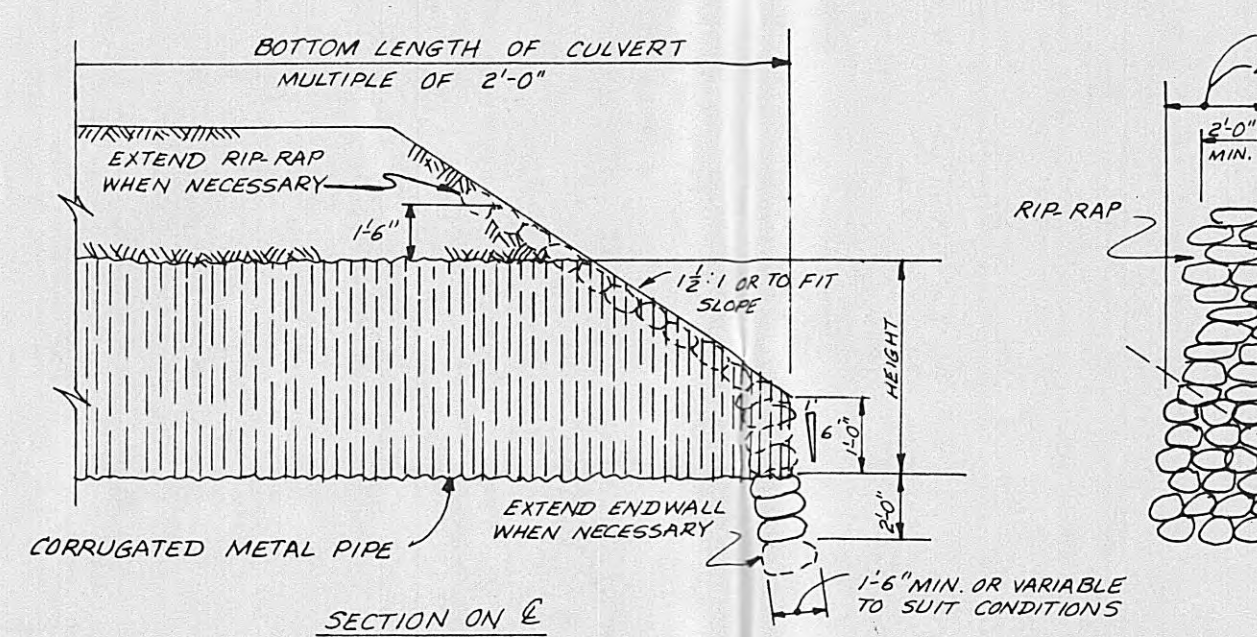
TYPICAL WIDENING SECTION



TYPICAL STREET SECTION



TYPICAL SECTION THRU CURB SPILLWAY
SCALE: 1" = 1'-0"



PAVING DETAIL - SINGLE SPILLWAY
SCALE: 1" = 5'

DETAILS

WLS

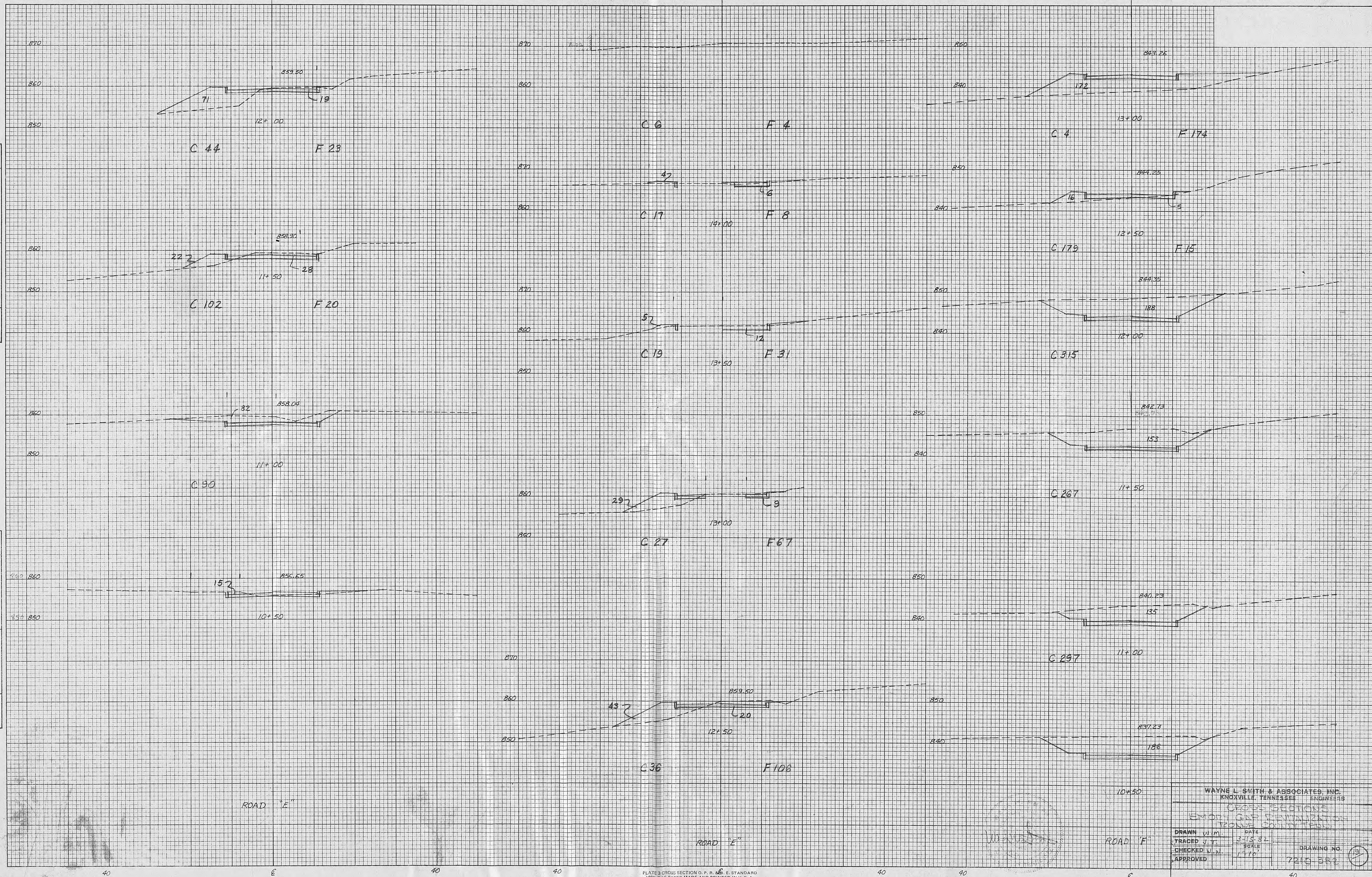
WAYNE L. SMITH & ASSOCIATES, INC.
ENGINEERS
KNOXVILLE, TENNESSEE

EMORY GAP REVITALIZATION
ROANE COUNTY, TENN.

Drawn: W.M.	Date: 3-26-82	Project No. 7210	Plate No. 382	Sheet No. 1 of 19
Traced: J.C.T.	Checked: W.W.	Scale: 1" = 5'		
Approved:				

DATE	BY	SURVEYED	NOTED	AREA	AREA
		BOOK	BOOK	CREATED	CREATED

DATE	BY	SURVEYED	NOTED	AREA	AREA
		BOOK	BOOK	CREATED	CREATED



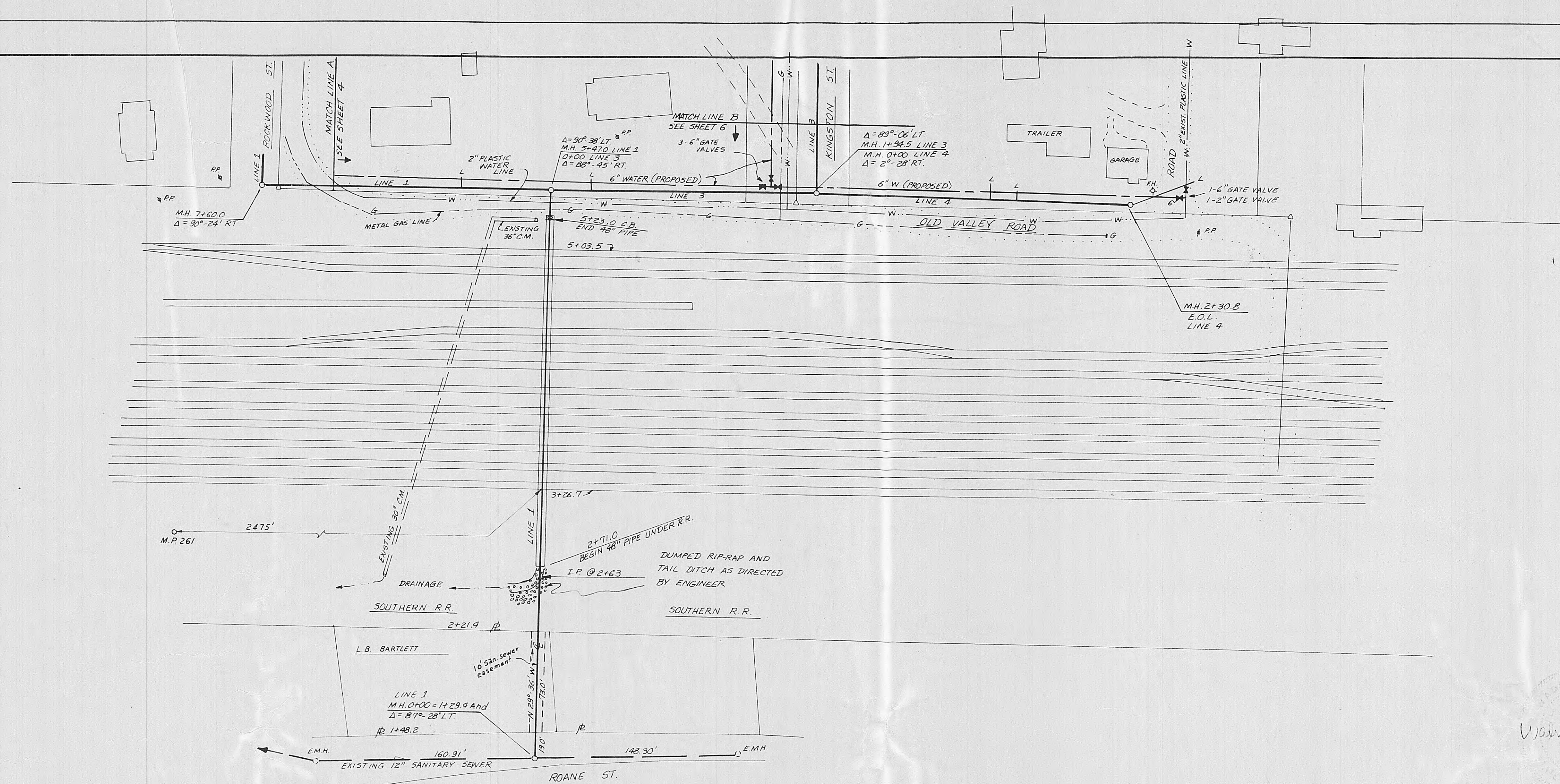
WAYNE L. SMITH & ASSOCIATES, INC. KNOXVILLE, TENNESSEE		ENGINEERS
CROSS SECTIONS EMORY GAP RECONSTRUCTION POLK COUNTY, TENNESSEE		
DRAWN W.M.	DATE	
TRACED V.T.	3-15-82	
CHECKED V.W.	SCALE	
APPROVED	1" = 10'	
DRAWING NO.		7210-384
		19

PLATED CROSS SECTION O. P. R. 16 E. STANDARD
100% MAG PAPER MADE AND PRINTED IN U. S. A.
EUGENE DIETZGEN CO.

Drawn: W.M.	Date: 3-15-82	Project No. 7210	Plate No. 332	Sheet No. 2
Traced: J.T.				
Checked: W.W.	Scale: AS			
Approved:			of	of 19

PLAN	SURVEYED PLOTTER NOTE BOOK NO.	BY	DATE

PROFILE	SURVEYED PLOTTER NOTE BOOK NO.	BY	DATE

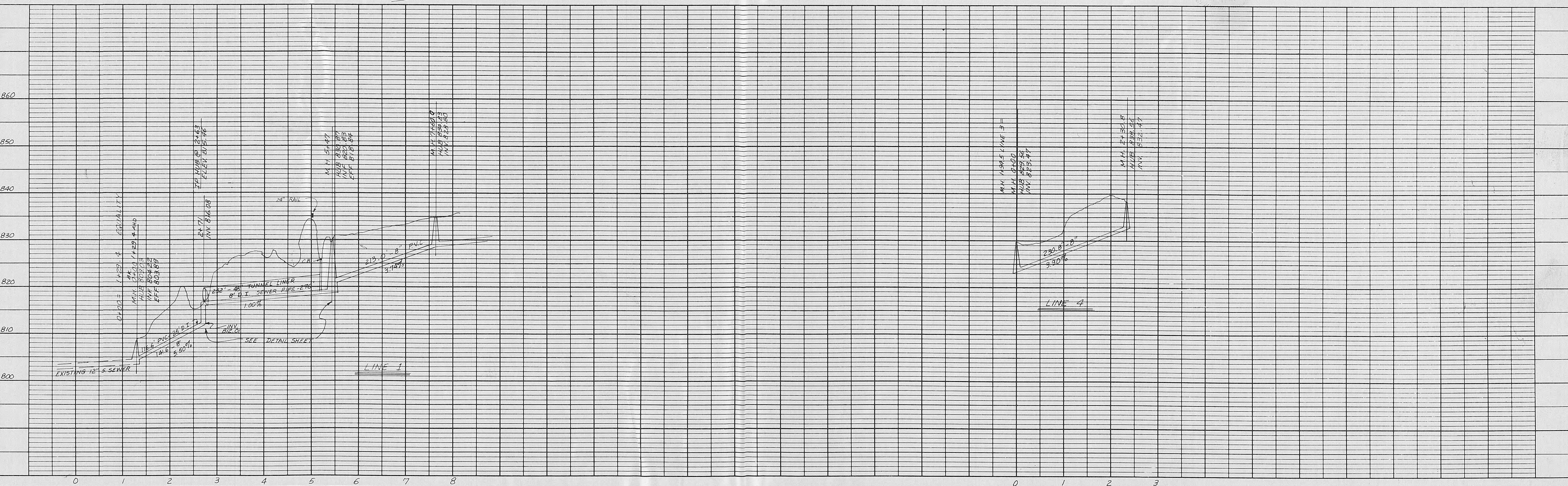


EXISTING & PROPOSED UTILITIES
SANITARY SEWER & WATER

WLS WAYNE L. SMITH & ASSOCIATES, INC.
ENGINEERS
KNOXVILLE, TENNESSEE

EMORY GAP REVITALIZATION
ROANE COUNTY, TENN.

Drawn: W.M.	Date: 3-15-82	Project No. 7210	Plate No. 3	Sheet No. 3
Traced: J.C.T.				
Checked: W.W.	Scale: 1"=50'			
Approved:				



PLAN	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	ALIGNED	
	CHECKED	

PROFILE	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	ALIGNED	
	CHECKED	

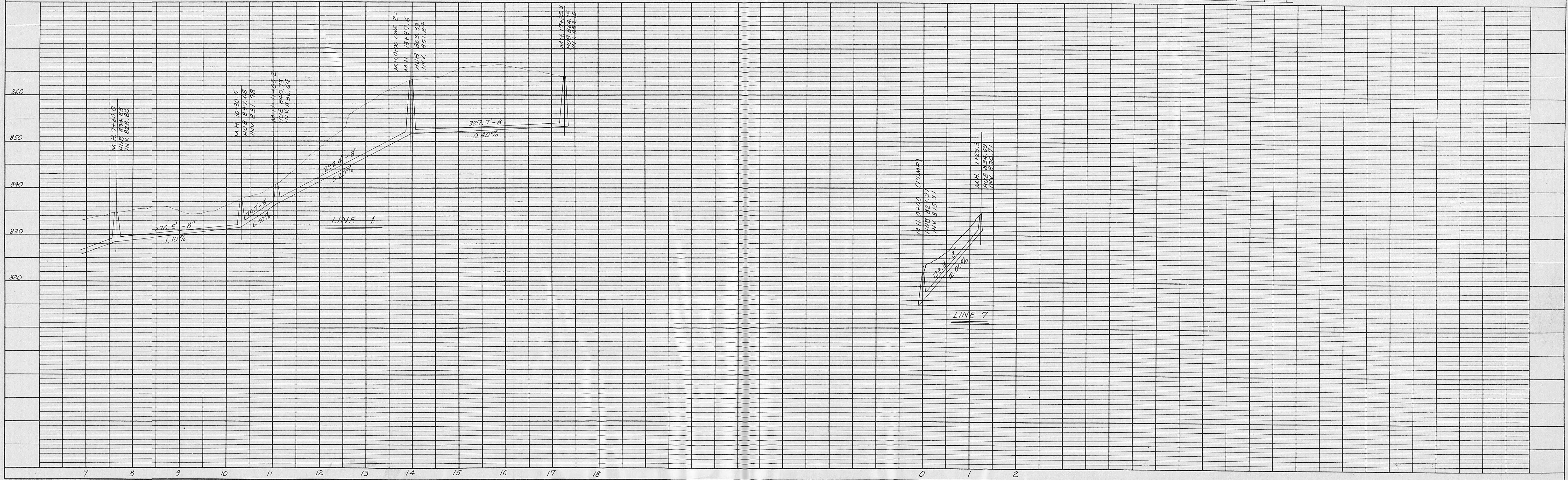


EXISTING & PROPOSED UTILITIES
SANITARY SEWER & WATER

WLS WAYNE L. SMITH & ASSOCIATES, INC.
ENGINEERS
KNOXVILLE, TENNESSEE

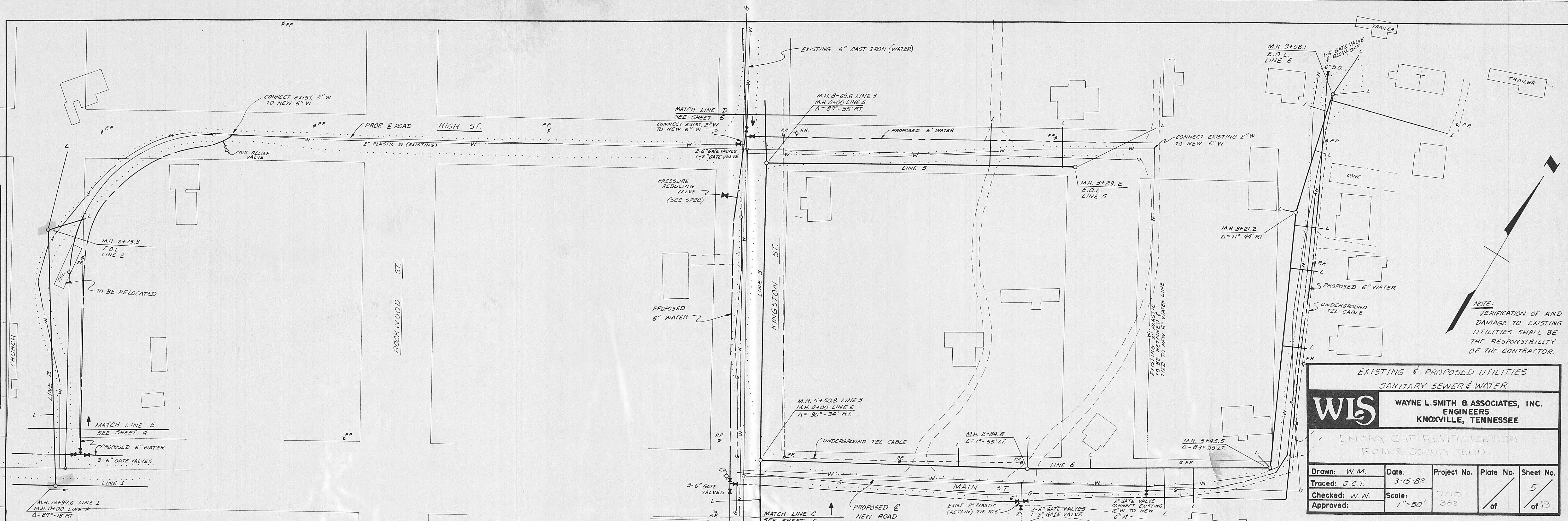
EMORY GAP REVITALIZATION
ROANE COUNTY, TENN.

Drawn: W.M.	Date: 3-15-82	Project No. 7210	Plate No. 352	Sheet No. 4 of 19
Traced: J.C.T.				
Checked: W.W.	Scale: 1"=50'			
Approved:				



PLAN	DATE	BY
SURVEYED		
NOTE BOOK		
ALIGNED CHECKED		
RT. OF WAY CHECKED		
NO		

PROFILE	DATE	BY
SURVEYED		
NOTE BOOK		
GRADES CHECKED		
B.M. NOTE		
STRUCTURE NOTATIONS CH'D		
NO.		

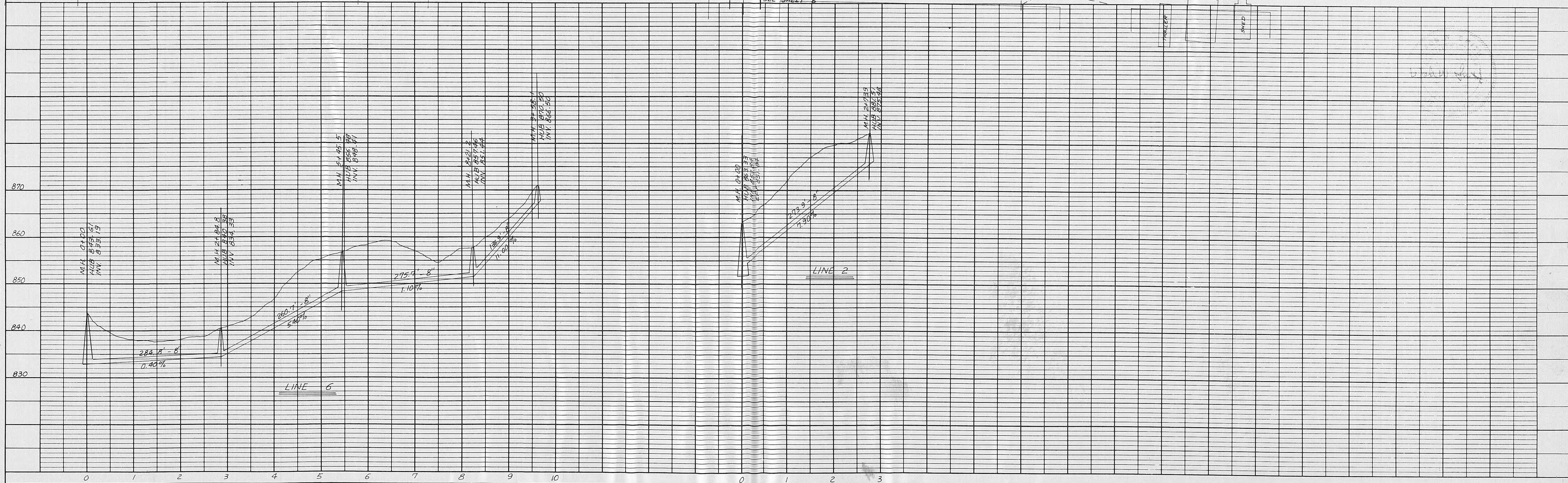


EXISTING & PROPOSED UTILITIES
SANITARY SEWER & WATER

WLS WAYNE L. SMITH & ASSOCIATES, INC.
ENGINEERS
KNOXVILLE, TENNESSEE

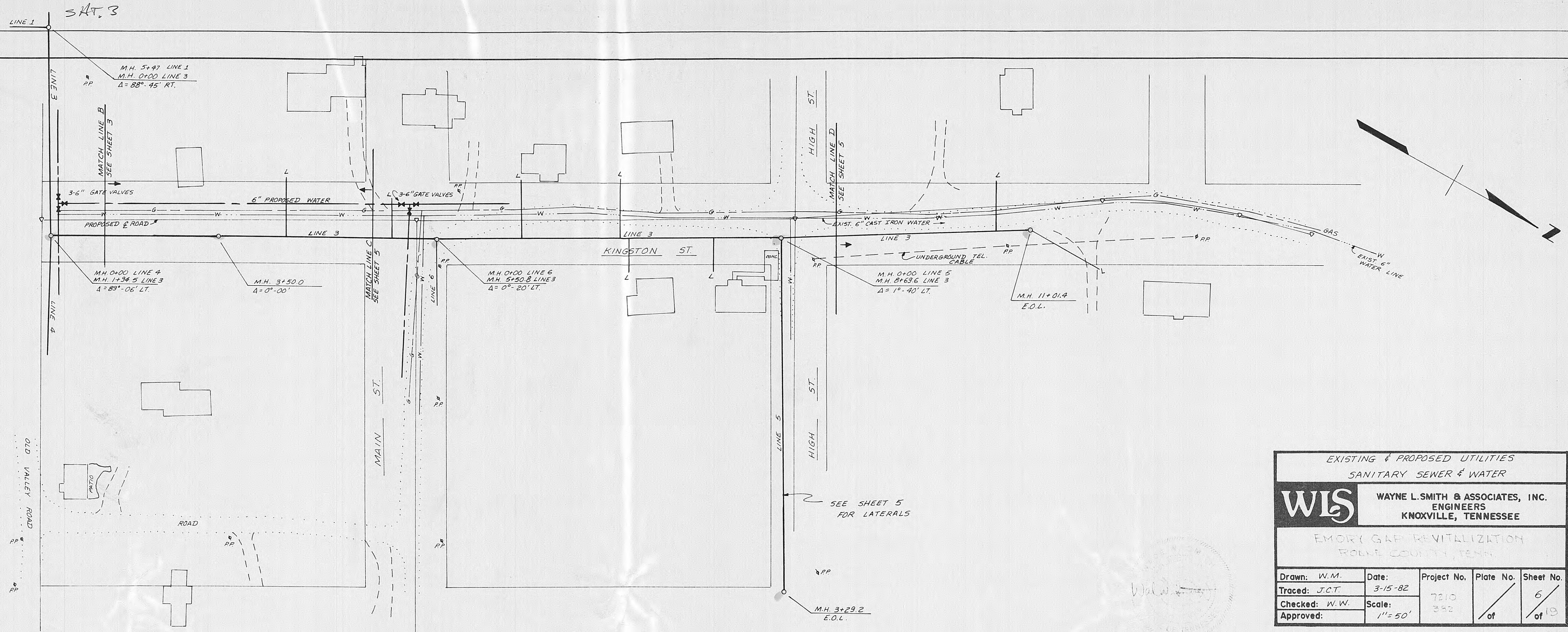
EMORY GAP REVITALIZATION
BOONE COUNTY, TENN.

Drawn: W.M.	Date: 3-15-82	Project No. 7710	Plate No. 362	Sheet No. 5 of 19
Traced: J.C.T.	Scale: 1"=50'			
Checked: W.W.				
Approved:				



PLAN	DATE	BY
SURVEYED		
PLOTTED		
CHECKED		
NOTE BOOK		
NO.		

PROFILE	DATE	BY
SURVEYED		
PLOTTED		
CHECKED		
NOTE BOOK		
NO.		

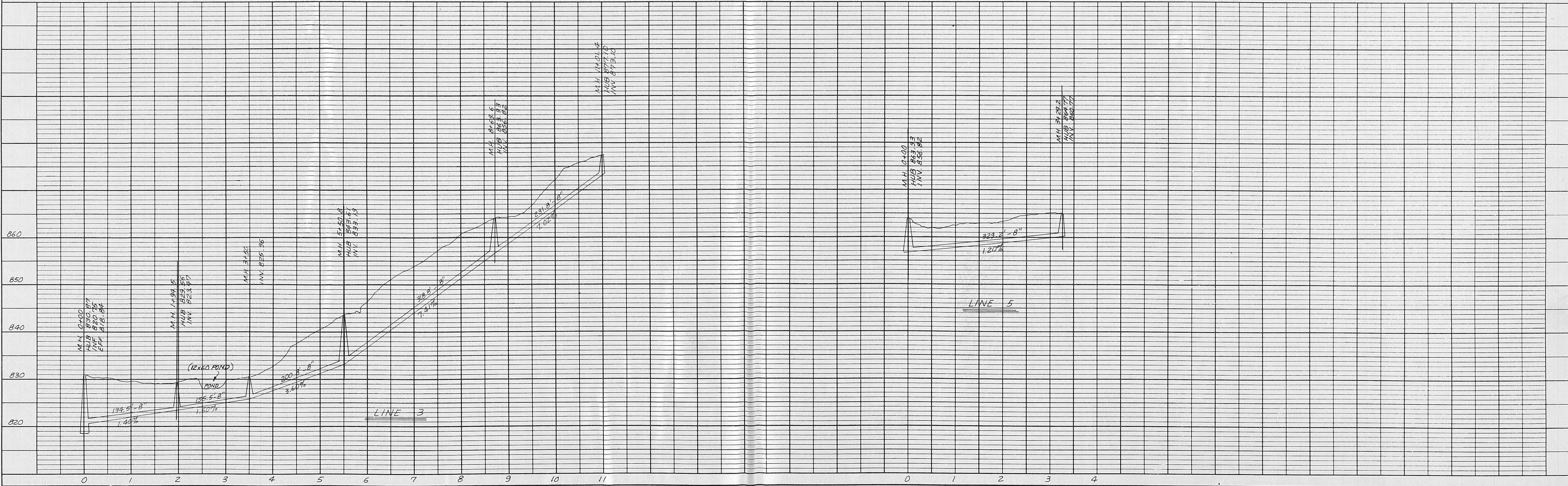


EXISTING & PROPOSED UTILITIES
SANITARY SEWER & WATER

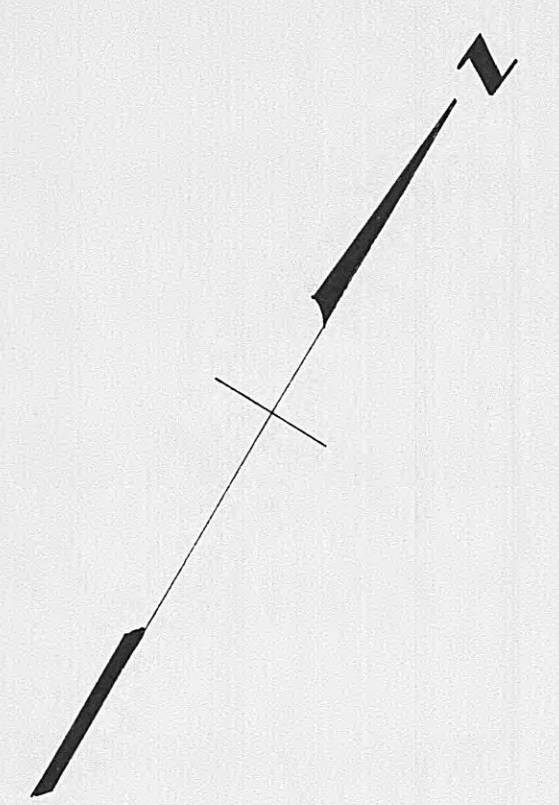
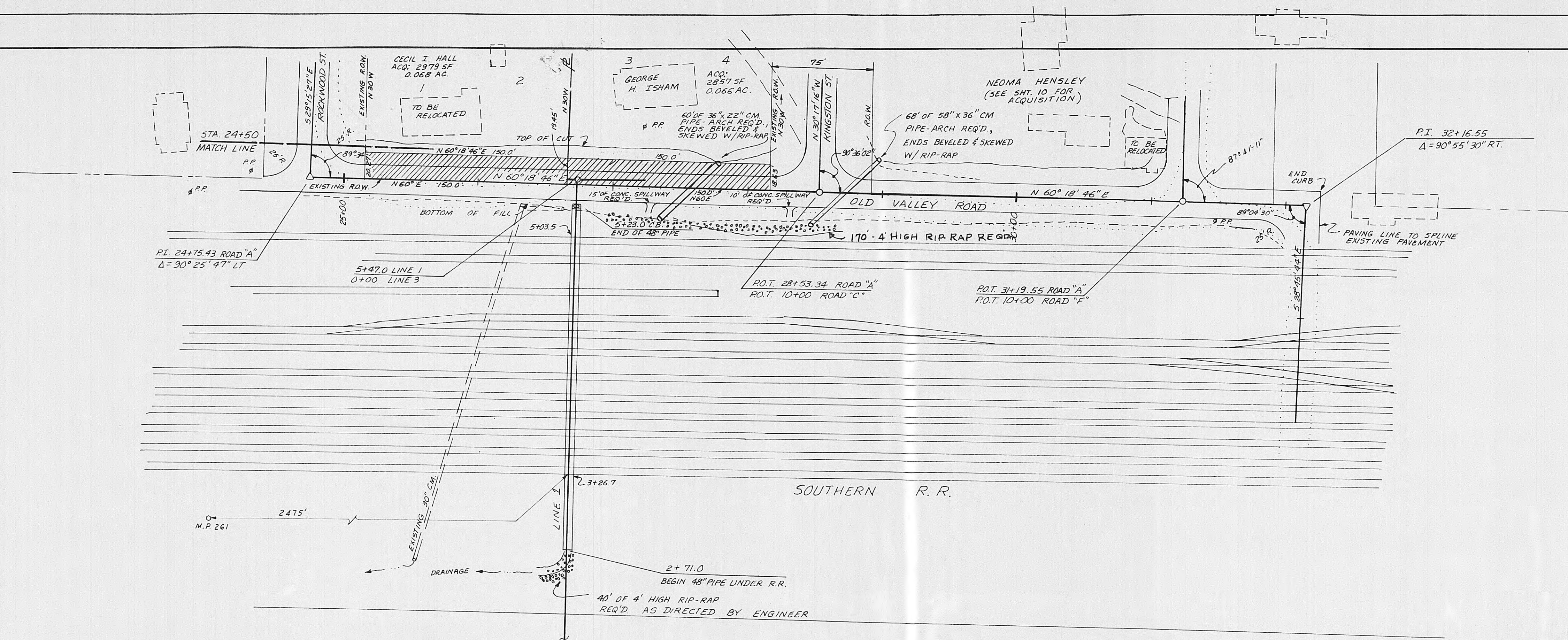
WIS WAYNE L. SMITH & ASSOCIATES, INC.
ENGINEERS
KNOXVILLE, TENNESSEE

EMORY GAP REVITALIZATION
ROANE COUNTY, TENN.

Drawn: W.M.	Date: 3-15-82	Project No. 7210	Plate No. 6	Sheet No. 6
Traced: J.C.T.	Scale: 1"=50'	342	of	of 10
Checked: W.W.				
Approved:				



PLAN	DATE
SURVEYED	BY
NOTE BOOK	
NO	



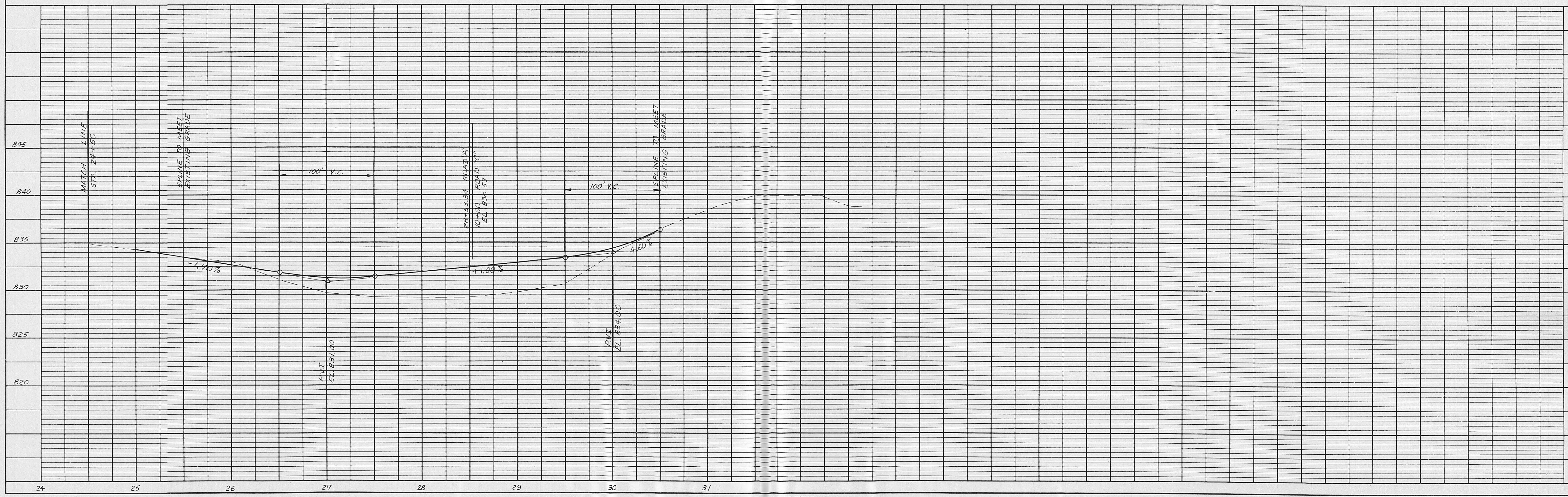
EXISTING & PROPOSED ROADS
RELATED UTILITIES

WIS WAYNE L. SMITH & ASSOCIATES, INC.
ENGINEERS
KNOXVILLE, TENNESSEE

EMORY GAP RENTALIZATION
ROANE COUNTY, TENN.

Drawn: W.M.	Date: 3-15-82	Project No. 7210	Plate No. 7	Sheet No. 7
Traced: J.C.T.	Scale: 1"=50'	382	of	of 19
Checked: W.W.				
Approved:				

PROFILE	DATE
SURVEYED	BY
NOTE BOOK	
NO	



PLAN	DATE
SURVEYED	BY
PLOTTED & CHECKED	
NOTE BOOK	
NO	

PROFILE	DATE
SURVEYED	BY
PLOTTED & CHECKED	
NOTE BOOK	
NO	



EXISTING & PROPOSED ROADS
RELATED UTILITIES

WLS WAYNE L. SMITH & ASSOCIATES, INC.
ENGINEERS
KNOXVILLE, TENNESSEE

EMORY GAP REVITALIZATION
ROANE COUNTY, TENN.

Drawn: W.M.	Date: 3-15-82	Project No. 7210	Plate No. 8	Sheet No. 8
Traced: J.C.T.				
Checked: W.W.	Scale: 1"=50'			
Approved:				

